

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119893.D
 Acq On : 10 Apr 2020 14:37
 Operator : MA/SJ
 Sample : PB128115BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Quant Time: Apr 10 15:08:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	188687	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	741100	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	391904	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	764381	20.00	ng	0.00
76) Chrysene-d12	13.93	240	528996	20.00	ng	0.00
87) Perylene-d12	15.36	264	472046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1324225	121.29	ng	0.02
7) Phenol-d6	6.39	99	1693477	120.37	ng	0.00
23) Nitrobenzene-d5	7.32	82	1061210	74.08	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	522795	108.96	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2082714	75.45	ng	0.00
79) Terphenyl-d14	12.87	244	2359421	75.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	160759	33.058	ng	98
3) Pyridine	3.22	79	426920	31.997	ng	98
4) n-Nitrosodimethylamine	3.17	42	255960	37.547	ng	99
6) Aniline	6.42	93	674371	36.521	ng	99
8) 2-Chlorophenol	6.54	128	557923	45.734	ng	98
9) Benzaldehyde	6.30	77	218473	24.146	ng	100
10) Phenol	6.40	94	704610	44.146	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	525484	42.640	ng	98
12) 1,3-Dichlorobenzene	6.69	146	558212	41.796	ng	100
13) 1,4-Dichlorobenzene	6.77	146	559712	41.141	ng	99
14) 1,2-Dichlorobenzene	6.93	146	527714	42.089	ng	97
15) Benzyl Alcohol	6.90	79	414615	37.944	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948867	39.568	ng	99
17) 2-Methylphenol	7.02	107	445034	40.878	ng	96
18) Hexachloroethane	7.27	117	212561	41.806	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	384509	42.502	ng	98
20) 3+4-Methylphenols	7.17	107	553191	41.547	ng	98
22) Acetophenone	7.17	105	722955	41.659	ng	97
24) Nitrobenzene	7.34	77	581948	40.383	ng	99
25) Isophorone	7.58	82	1077383	39.014	ng	100
26) 2-Nitrophenol	7.66	139	302371	41.998	ng	95
27) 2,4-Dimethylphenol	7.70	122	478030	44.024	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	687409	42.303	ng	99
29) 2,4-Dichlorophenol	7.90	162	470918	42.310	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	494004	39.172	ng	96
31) Naphthalene	8.06	128	1584065	40.626	ng	100
32) Benzoic acid	7.83	122	387451	40.629	ng	95
33) 4-Chloroaniline	8.11	127	481321	28.356	ng	99
34) Hexachlorobutadiene	8.18	225	286581	37.962	ng	99
35) Caprolactam	8.49	113	77942	22.893	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	518690	43.044	ng	98
37) 2-Methylnaphthalene	8.75	142	1076088	40.707	ng	98
38) 1-Methylnaphthalene	8.85	142	1044074	41.903	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	473431	38.248	ng	99

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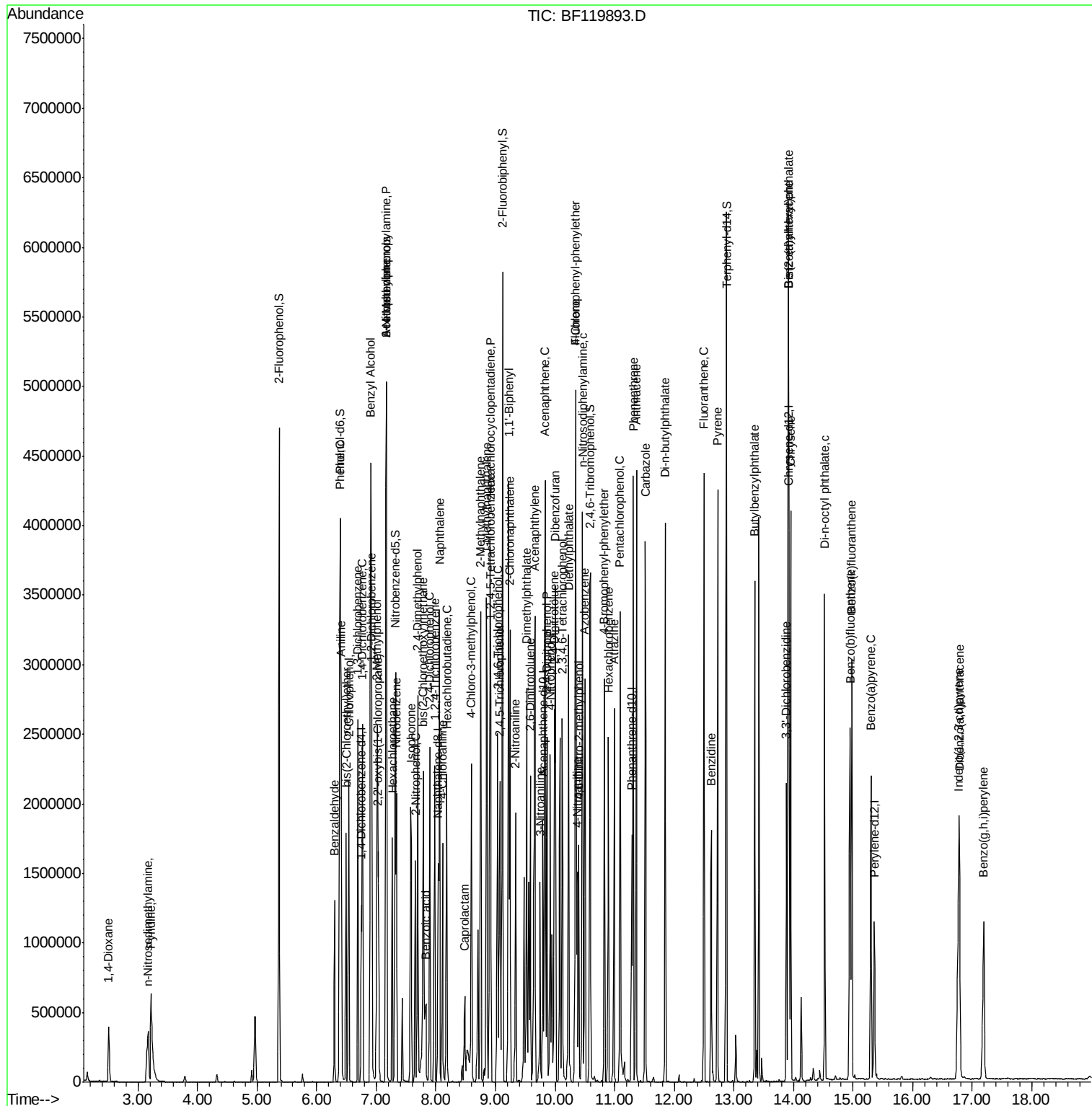
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	572145	81.287	nq	99
43) 2,4,6-Trichlorophenol	9.03	196	349619	40.903	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	374751	38.927	nq	98
46) 1,1'-Biphenyl	9.22	154	1317781	39.838	nq	99
47) 2-Chloronaphthalene	9.25	162	1019817	40.021	nq	99
48) 2-Nitroaniline	9.34	65	374069	40.508	nq	96
49) Acenaphthylene	9.66	152	1606997	41.467	nq	99
50) Dimethylphthalate	9.53	163	1208137	39.855	nq	99
51) 2,6-Dinitrotoluene	9.59	165	270451	40.742	nq	89
52) Acenaphthene	9.83	154	996499	38.547	nq	99
53) 3-Nitroaniline	9.75	138	227400	29.995	nq	97
54) 2,4-Dinitrophenol	9.86	184	338768	85.241	nq	92
55) Dibenzofuran	10.00	168	1458052	41.101	nq	98
56) 4-Nitrophenol	9.92	139	471418	83.572	nq	97
57) 2,4-Dinitrotoluene	9.99	165	359776	41.137	nq	100
58) Fluorene	10.35	166	1139475	40.164	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	323755	43.971	nq	97
60) Diethylphthalate	10.23	149	1244619	39.615	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	537603	36.972	nq	95
62) 4-Nitroaniline	10.37	138	299963	41.517	nq	96
63) Azobenzene	10.50	77	1172492	41.643	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	213662	42.429	nq	83
66) n-Nitrosodiphenylamine	10.46	169	1031138	40.562	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	354945	37.340	nq	97
68) Hexachlorobenzene	10.90	284	388523	40.289	nq	93
69) Atrazine	10.99	200	307252	43.440	nq	99
70) Pentachlorophenol	11.09	266	440160	79.205	nq	99
71) Phenanthrene	11.31	178	1630968	40.091	nq	98
72) Anthracene	11.36	178	1708282	41.106	nq	100
73) Carbazole	11.52	167	1576474	40.113	nq	99
74) Di-n-butylphthalate	11.85	149	1932258	37.400	nq	100
75) Fluoranthene	12.50	202	1804613	41.113	nq	99
77) Benzidine	12.62	184	676167	37.814	nq	97
78) Pyrene	12.73	202	1797916	40.316	nq	100
80) Butylbenzylphthalate	13.35	149	791911	36.596	nq	100
81) Benzo(a)anthracene	13.92	228	1383480	39.754	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	421974	32.497	nq	96
83) Chrysene	13.96	228	1421980	40.214	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	976379	33.319	nq	99
85) Di-n-octyl phthalate	14.52	149	1692735	33.926	nq	98
86) Indeno(1,2,3-cd)pyrene	16.77	276	1194620	38.326	nq	99
88) Benzo(b)fluoranthene	14.95	252	1377238	40.557	nq	100
89) Benzo(k)fluoranthene	14.98	252	1248103	42.598	nq	100
90) Benzo(a)pyrene	15.30	252	1160730	40.654	nq	100
91) Dibenzo(a,h)anthracene	16.79	278	994054	39.305	nq	99
92) Benzo(g,h,i)perylene	17.20	276	974299	39.027	nq	99

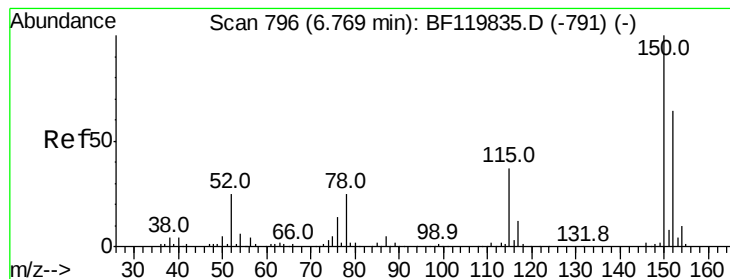
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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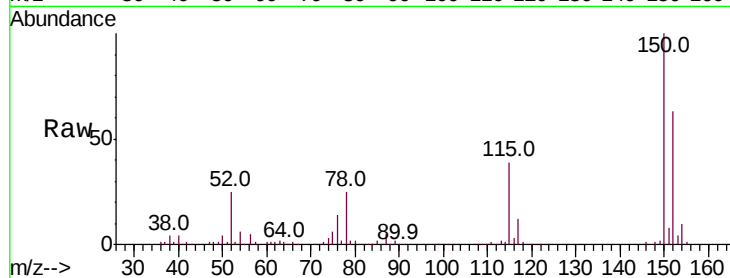


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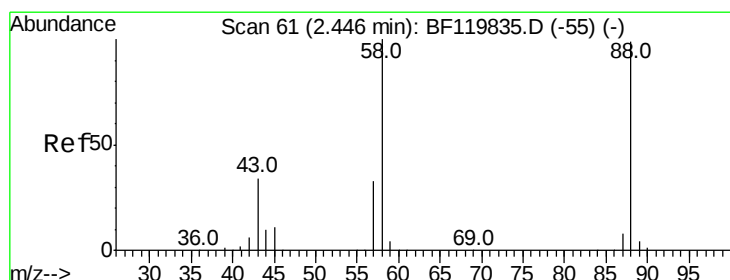
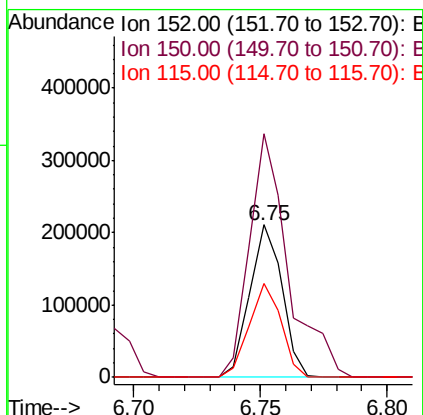
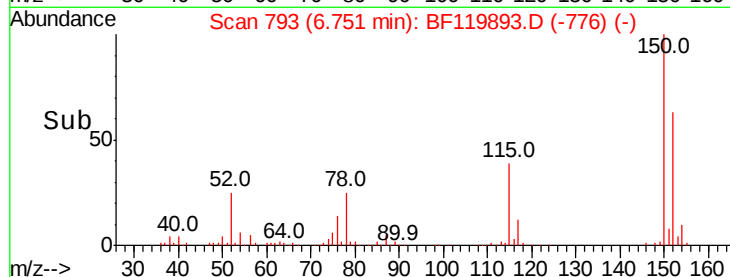
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:152 Resp: 188687
Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 61.6 46.5 69.7



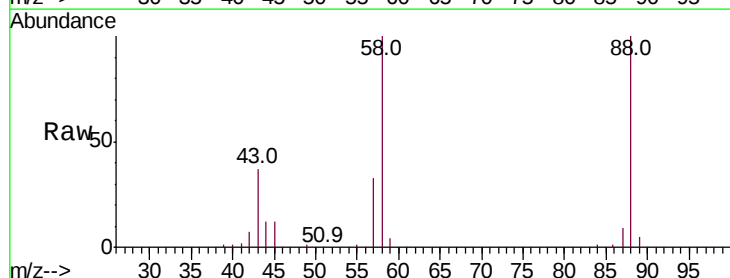
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



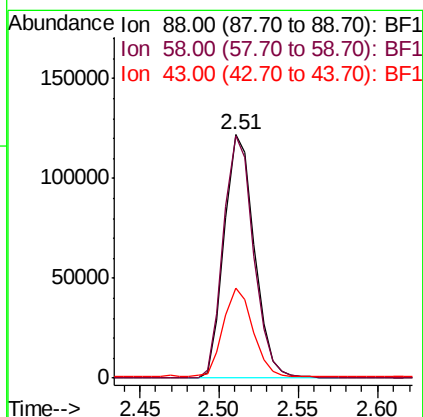
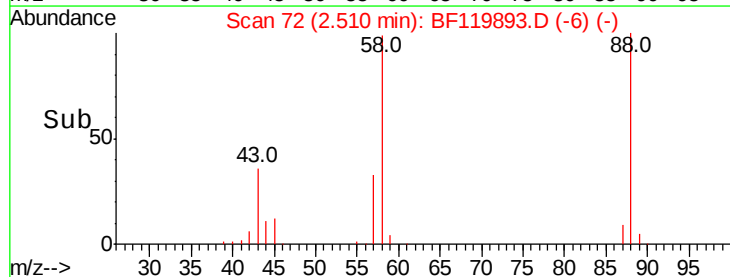
#2

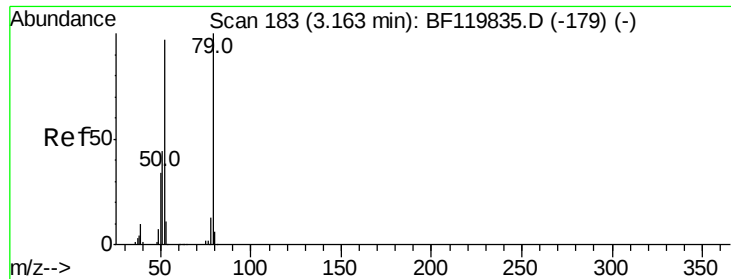
1,4-Dioxane
Concen: 33.058 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.09 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion: 88 Resp: 160759
Ion Ratio Lower Upper
88 100
58 100.6 82.6 123.8
43 36.5 28.6 42.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.997 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.09 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

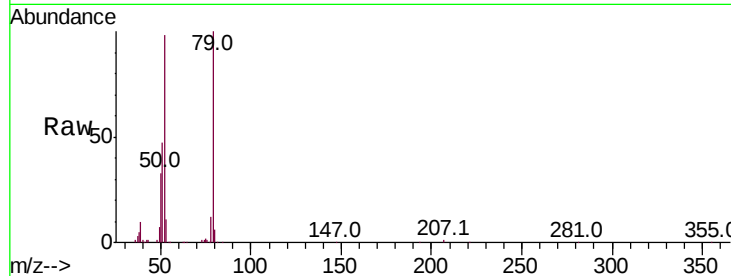
Tot Ion: 79 Resp: 426920

Ion Ratio Lower Upper

79 100

52 98.1 77.4 116.0

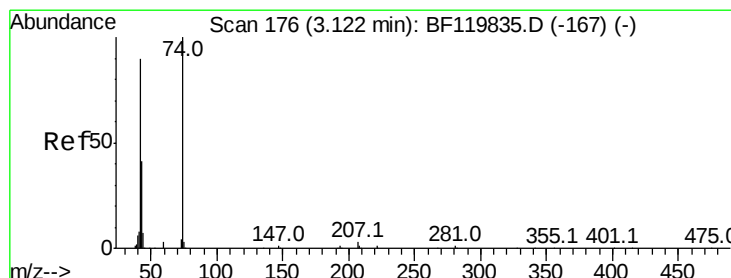
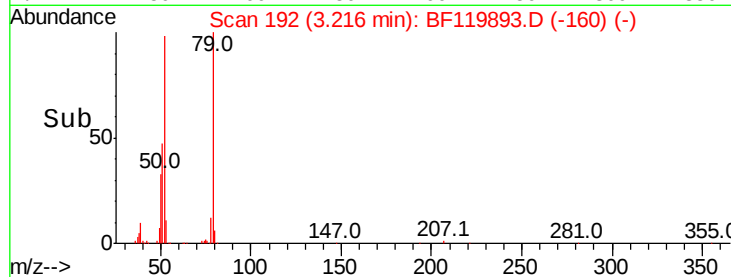
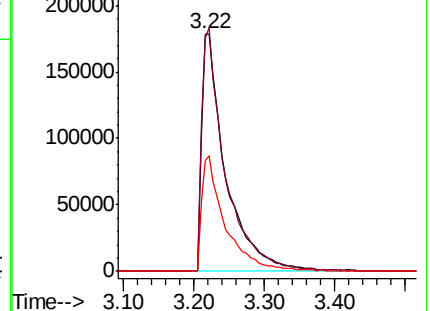
51 46.7 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.547 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.09 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

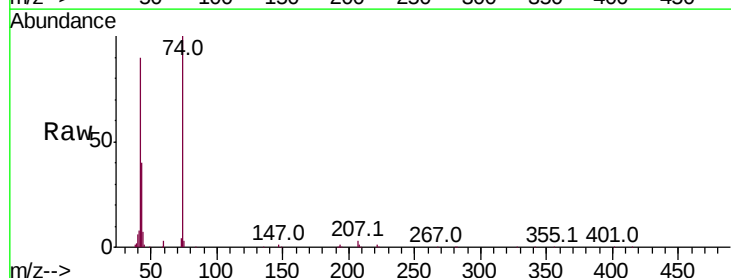
Tgt Ion: 42 Resp: 255960

Ion Ratio Lower Upper

42 100

74 110.7 89.0 133.4

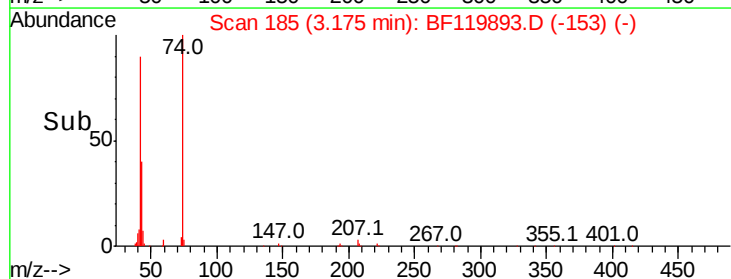
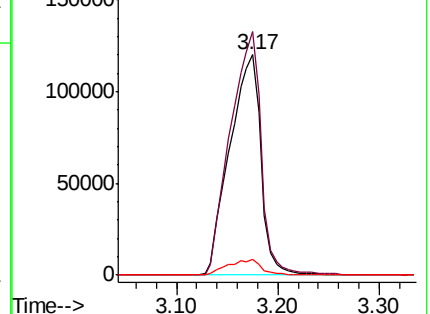
44 7.4 6.2 9.4

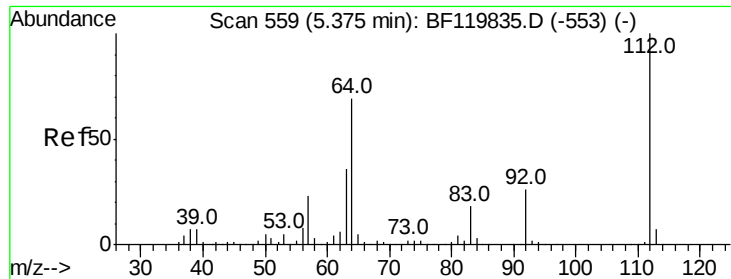


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

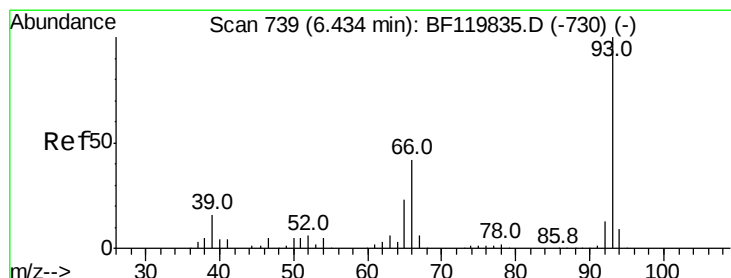
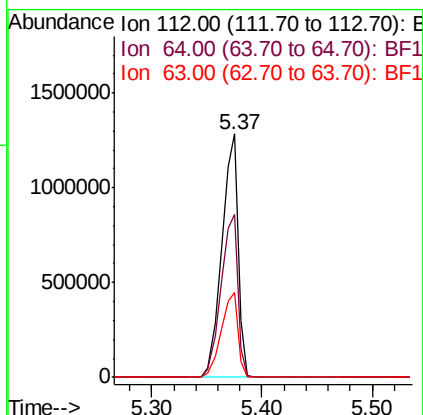
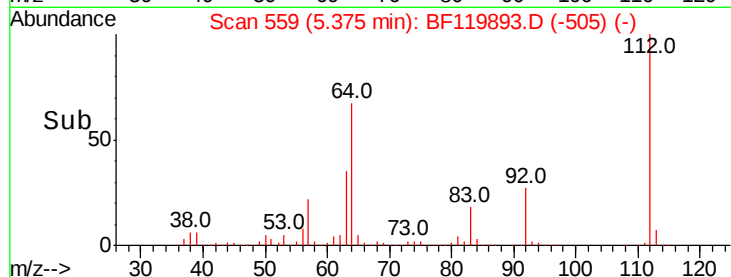
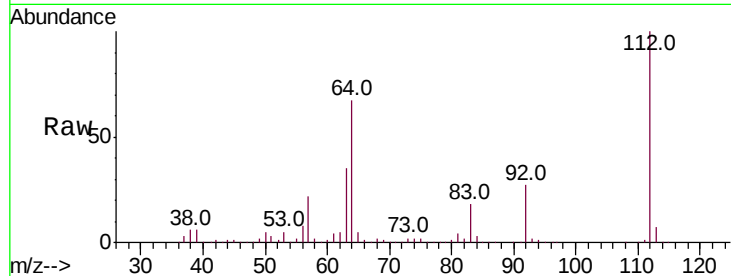




#5
 2-Fluorophenol
 Concen: 121.286 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

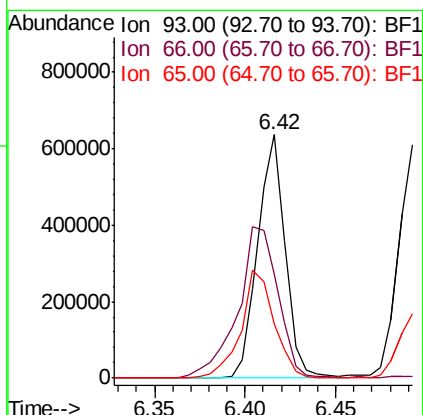
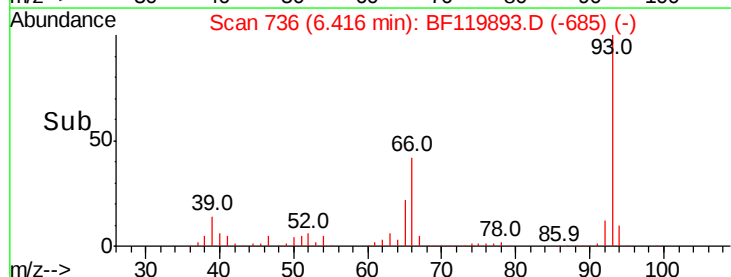
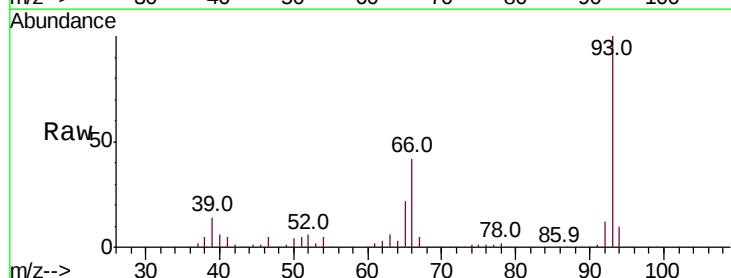
Instrument :
 BNA_N
 ClientSampleId :
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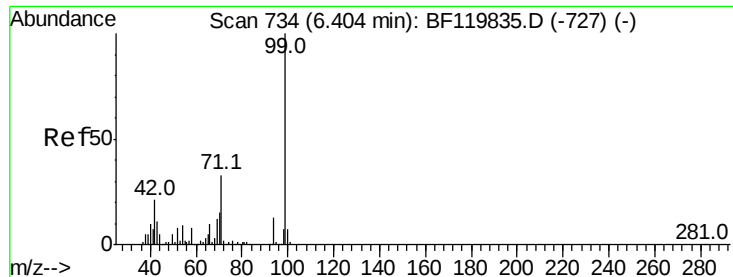
Tot Ion:112 Resp: 1324225
 Ion Ratio Lower Upper
 112 100
 64 67.1 55.5 83.3
 63 35.0 29.1 43.7



#6
 Aniline
 Concen: 36.521 ng
 RT: 6.42 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion: 93 Resp: 674371
 Ion Ratio Lower Upper
 93 100
 66 42.5 34.2 51.2
 65 22.1 18.3 27.5





#7

Phenol-d6

Concen: 120.372 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

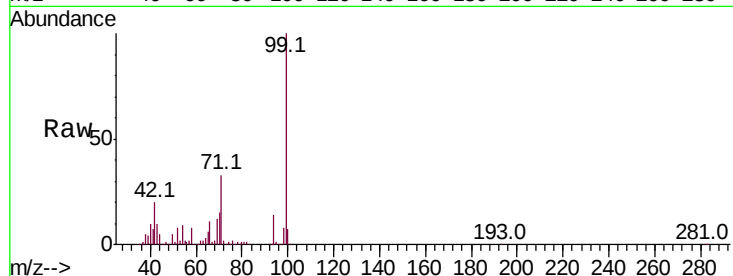
BNA_N

ClientSampleId :

PB128115BS

Tot Ion: 99 Resp: 1693477

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.9	25.3
71	33.1	26.3	39.5

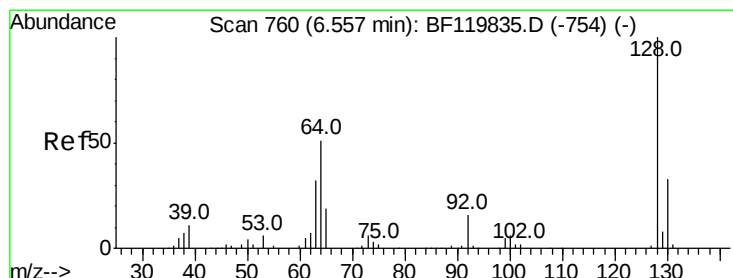
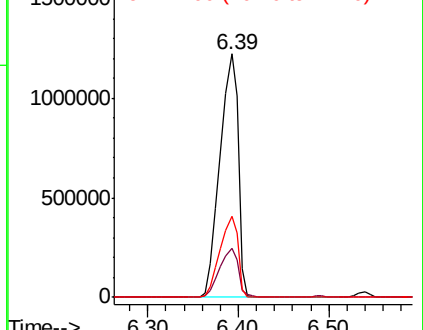
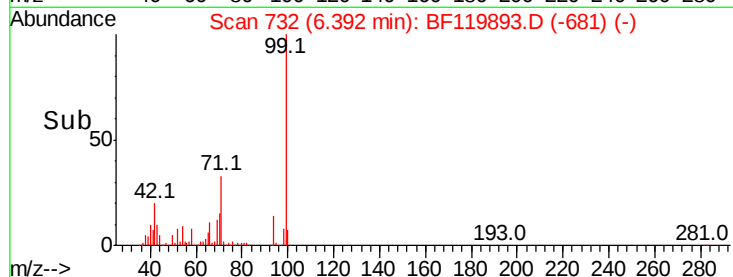


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.734 ng

RT: 6.54 min Scan# 757

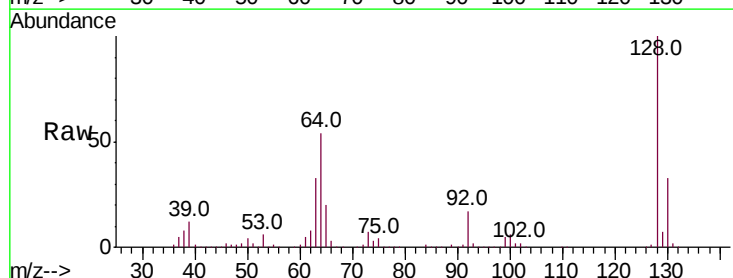
Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:128 Resp: 557923

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.0	32.0	72.0

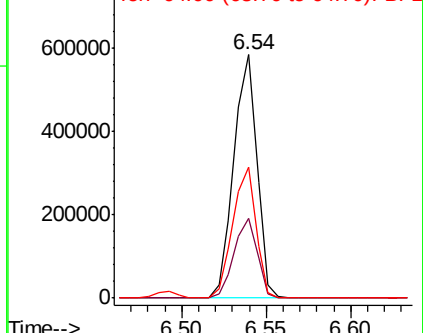
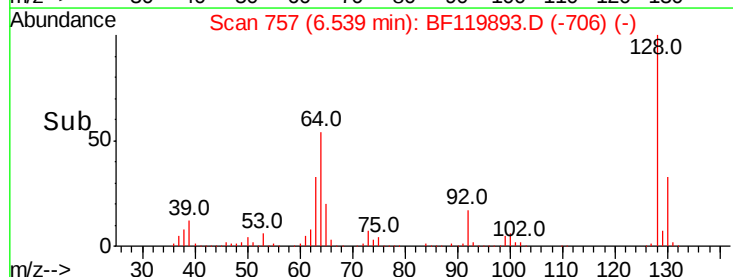


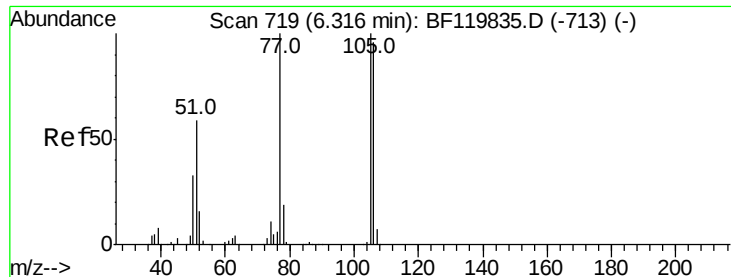
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.146 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

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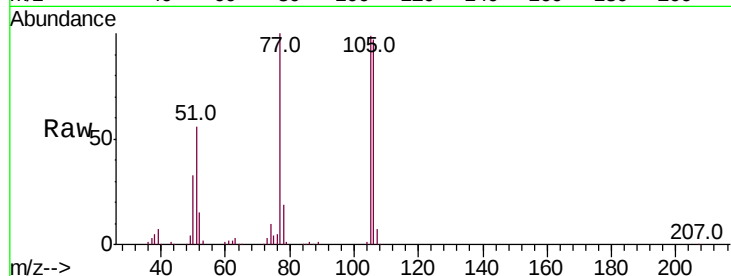
Tot Ion: 77 Resp: 218473

Ion Ratio Lower Upper

77 100

105 99.3 79.9 119.9

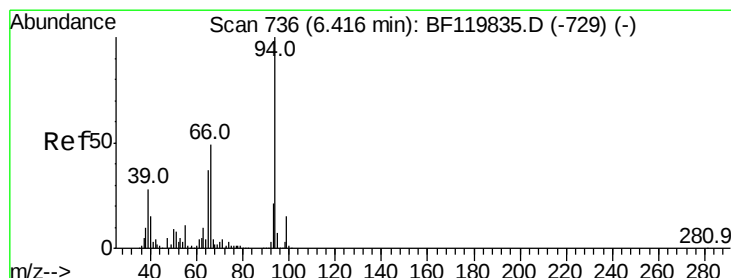
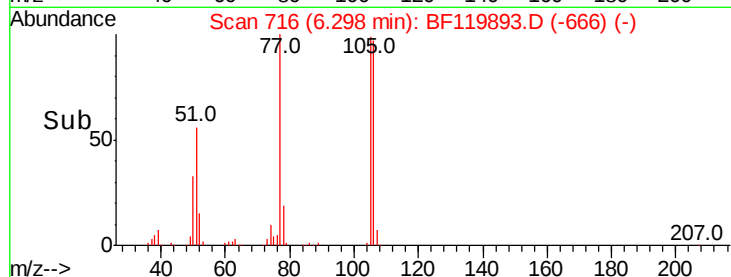
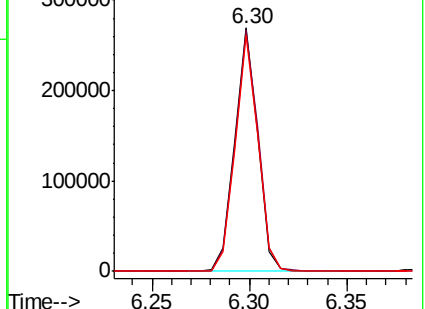
106 96.7 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.146 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

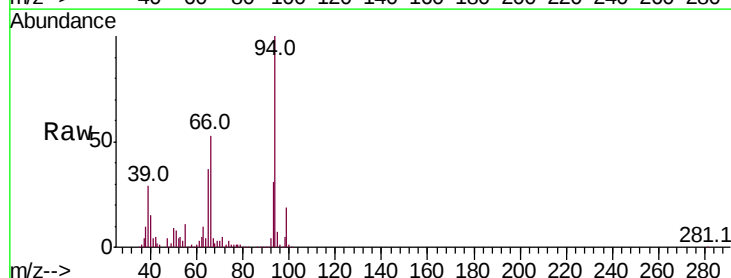
Tgt Ion: 94 Resp: 704610

Ion Ratio Lower Upper

94 100

65 37.3 16.6 56.6

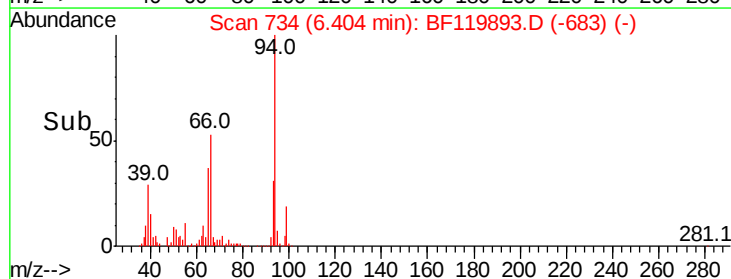
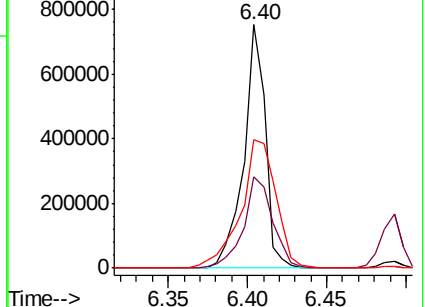
66 52.8 29.3 69.3

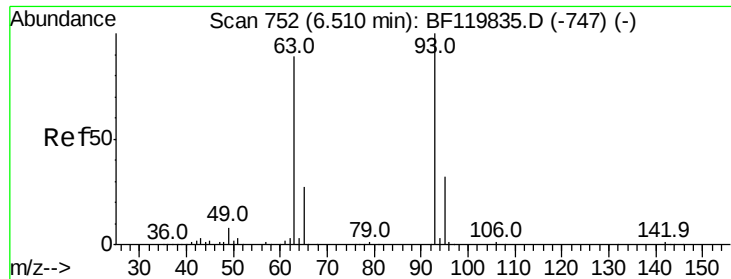


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

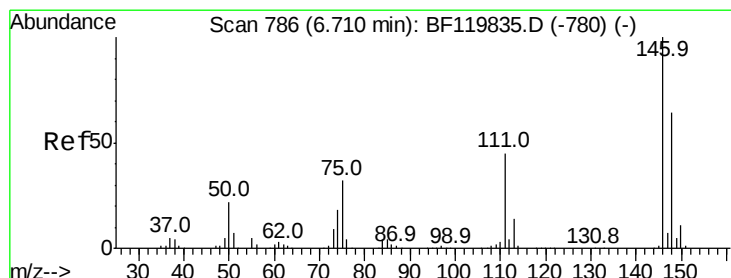
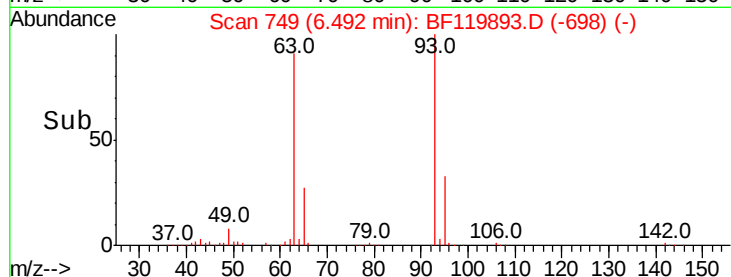
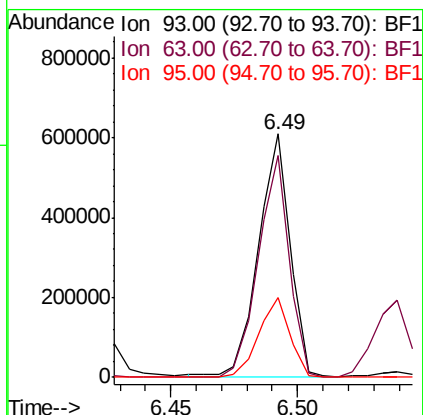
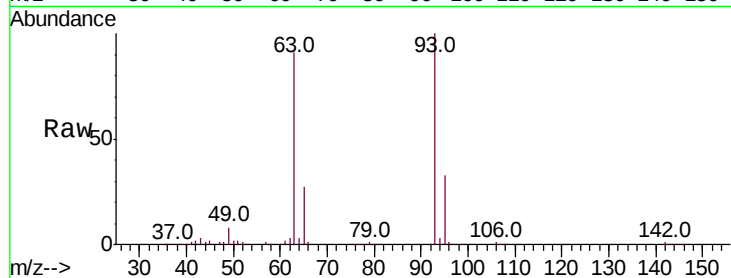




#11
 bis(2-Chloroethyl)ether
 Concen: 42.640 ng
 RT: 6.49 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

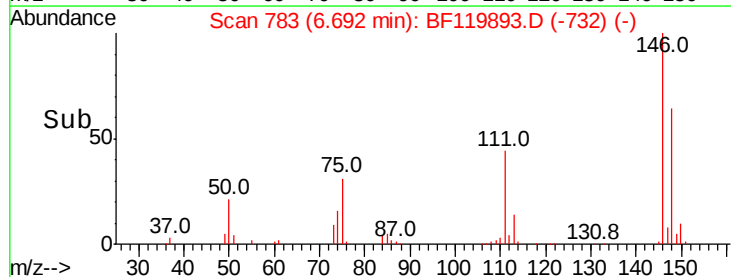
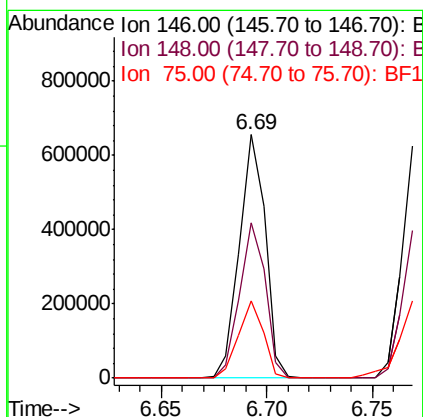
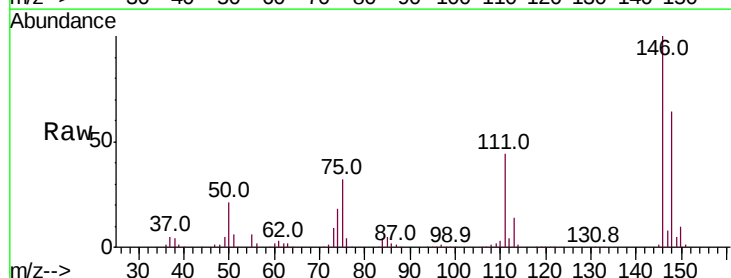
Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

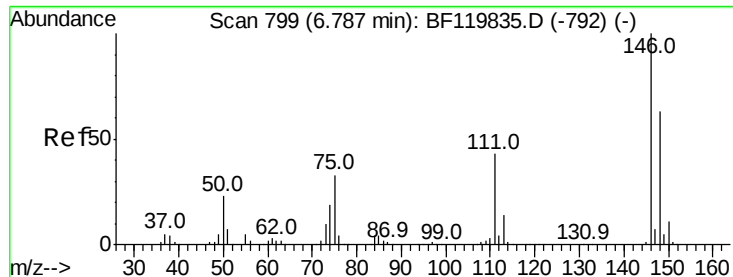
Tot Ion: 93 Resp: 525484
 Ion Ratio Lower Upper
 93 100
 63 90.9 69.1 109.1
 95 32.6 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 41.796 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion: 146 Resp: 558212
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 75 31.8 25.3 37.9

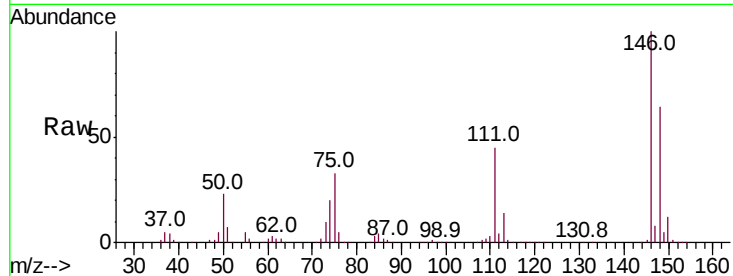




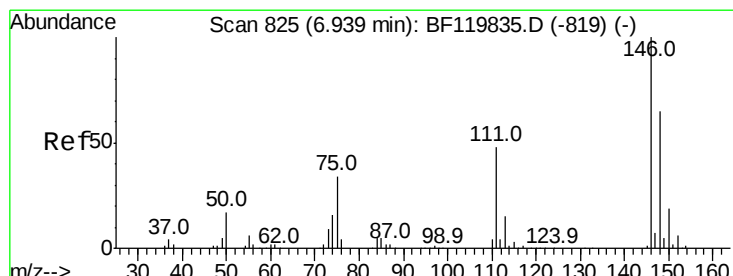
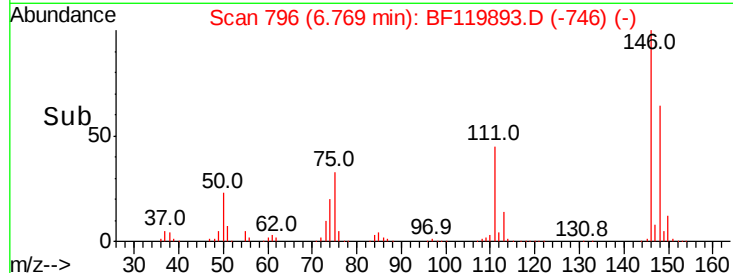
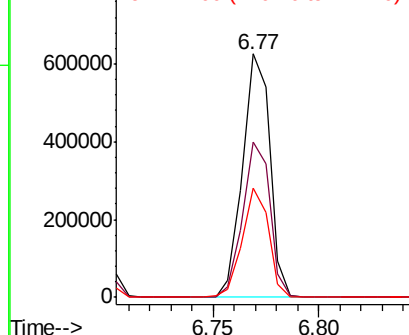
#13
 1,4-Dichlorobenzene
 Concen: 41.141 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:146 Resp: 559712
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.5 75.7
 111 44.8 34.7 52.1

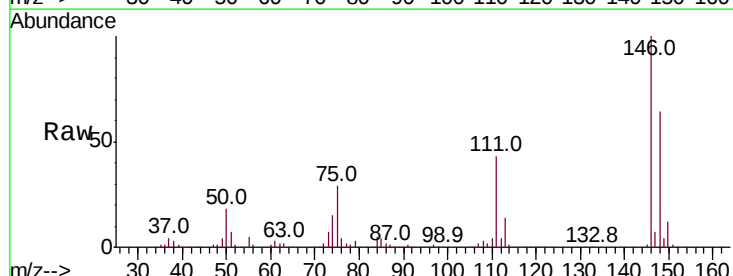


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

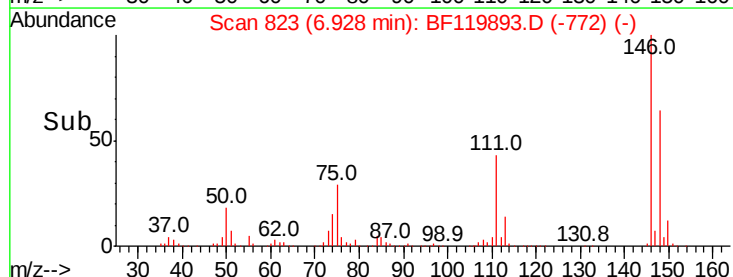
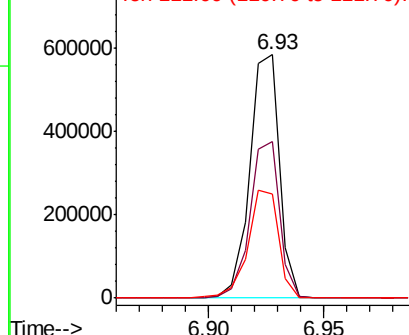


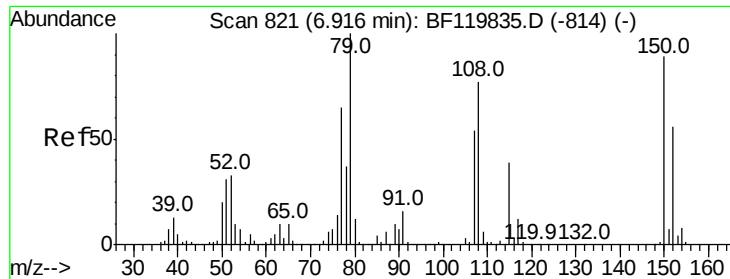
#14
 1,2-Dichlorobenzene
 Concen: 42.089 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:146 Resp: 527714
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 42.7 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

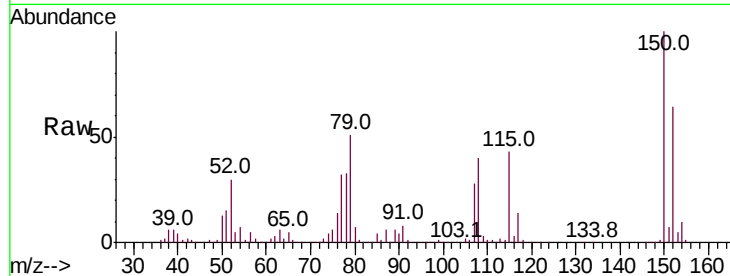




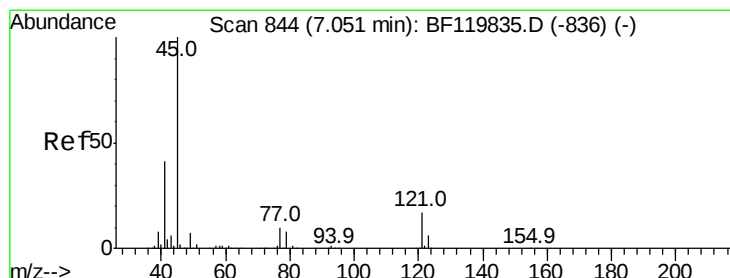
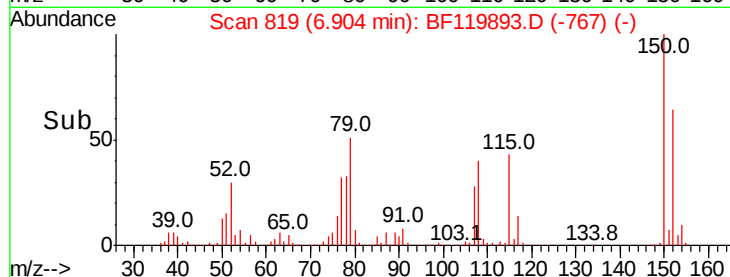
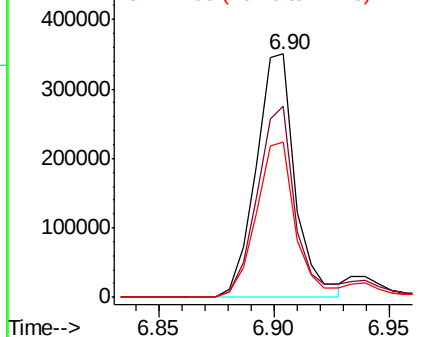
#15
Benzyl Alcohol
Concen: 37.944 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampled :
PB128115BS

Tot Ion: 79 Resp: 414615
Ion Ratio Lower Upper
79 100
108 78.5 62.0 93.0
77 63.6 51.8 77.6

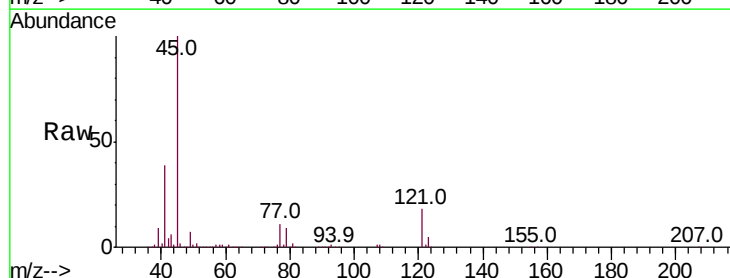


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

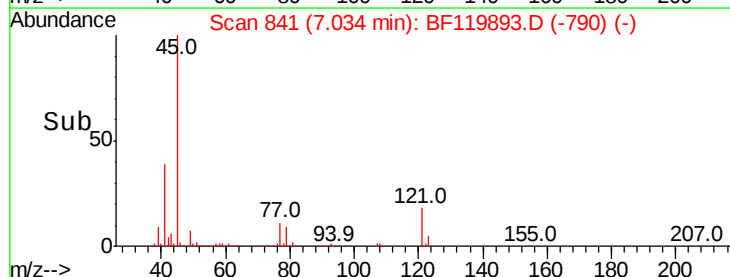
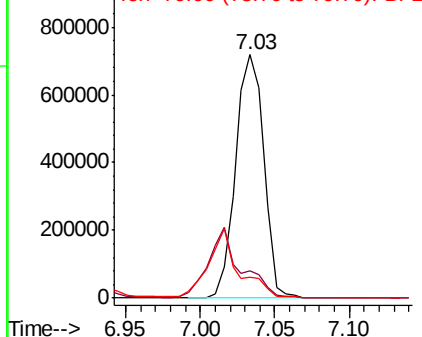


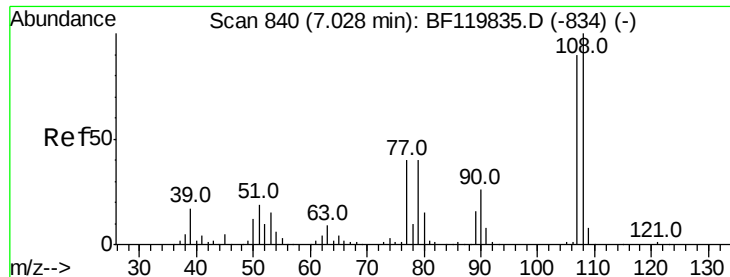
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.568 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion: 45 Resp: 948867
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.7
79 8.5 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

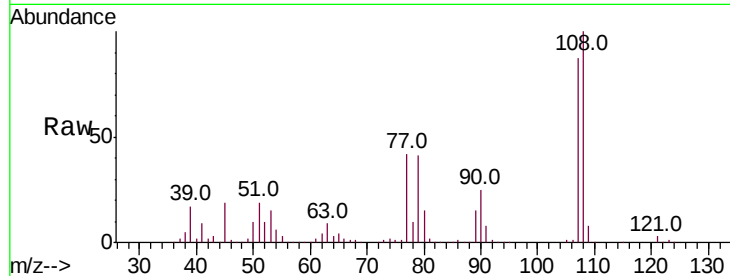




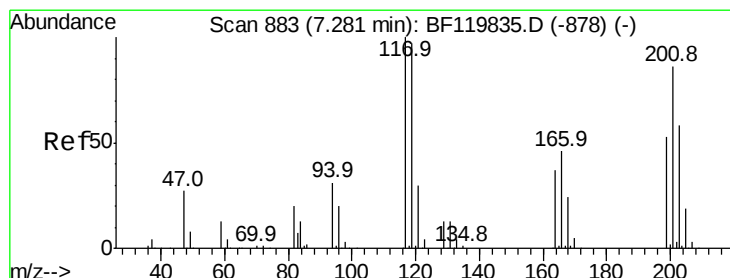
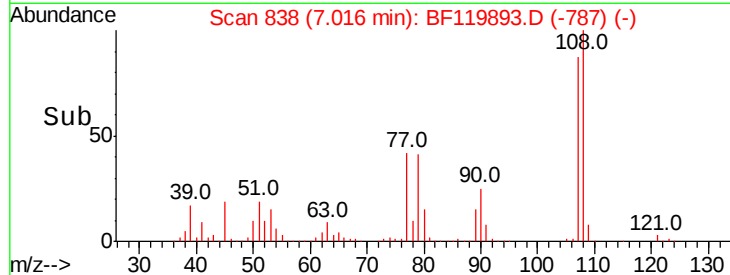
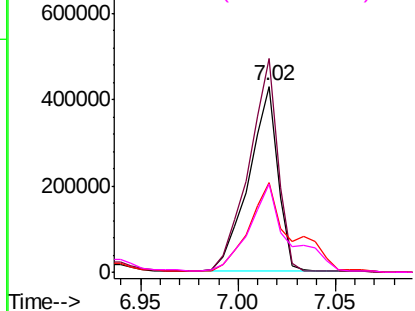
#17
2-Methylphenol
Concen: 40.878 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:107 Resp: 445034
Ion Ratio Lower Upper
107 100
108 115.1 88.8 133.2
77 48.3 36.0 54.0
79 47.5 35.7 53.5

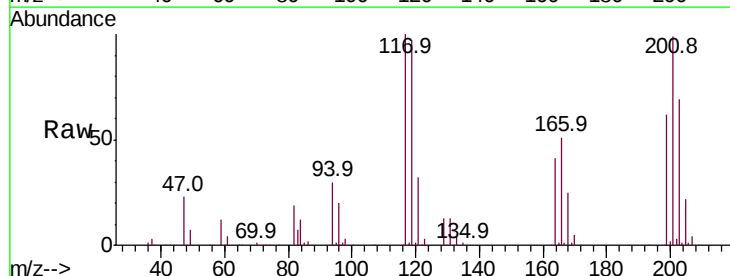


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

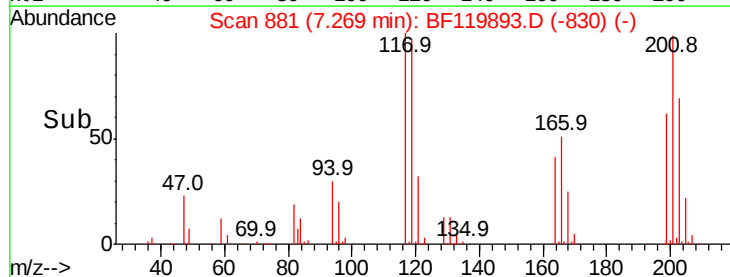
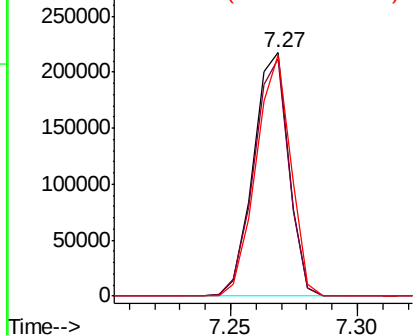


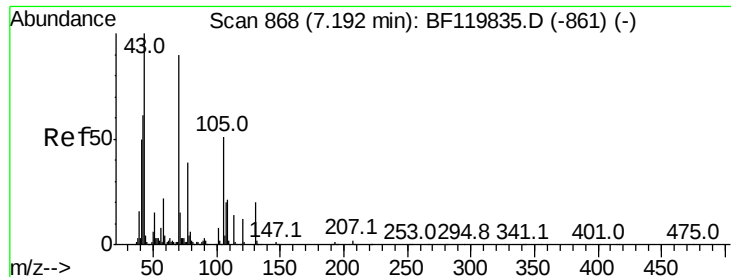
#18
Hexachloroethane
Concen: 41.806 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:117 Resp: 212561
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 99.1 68.4 102.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

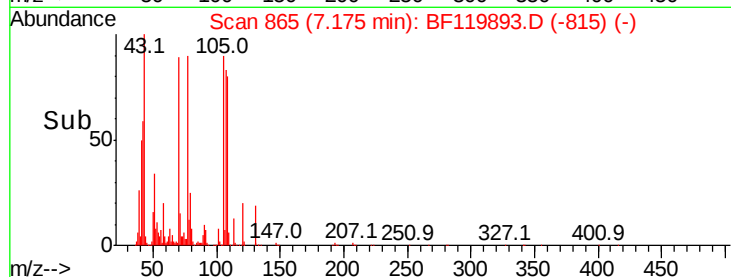
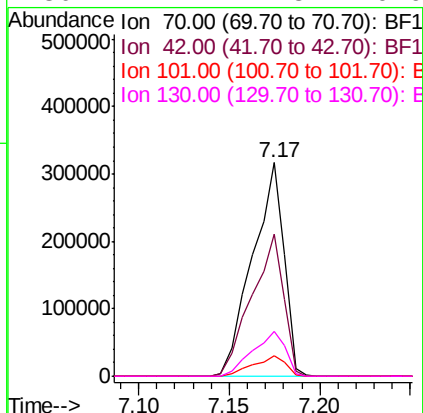
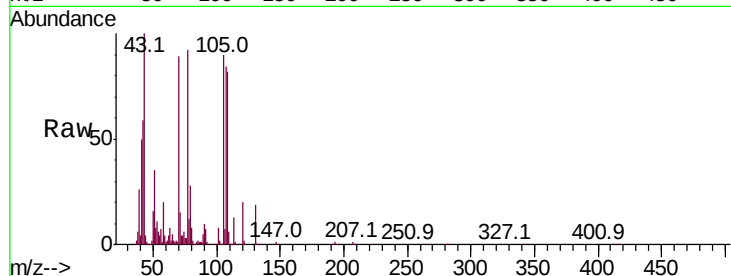




#19
n-Nitroso-di-n-propylamine
Concen: 42.502 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

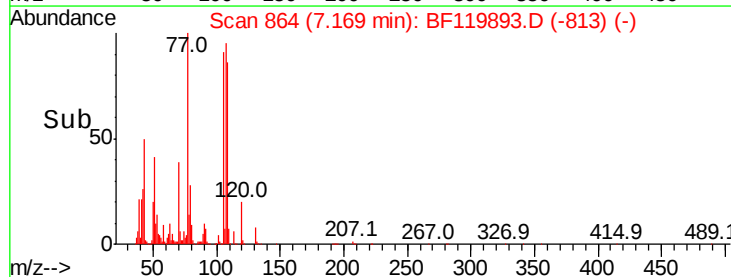
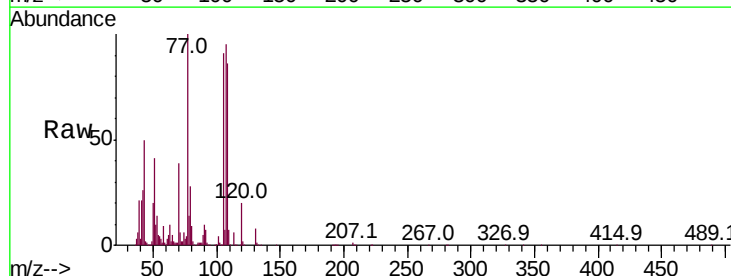
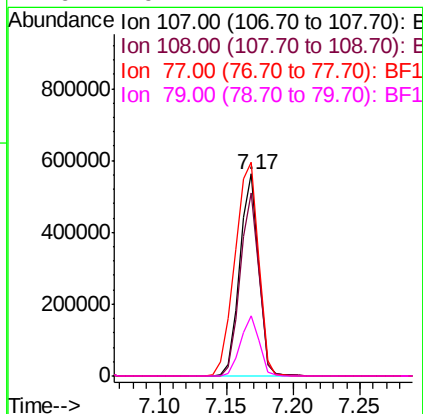
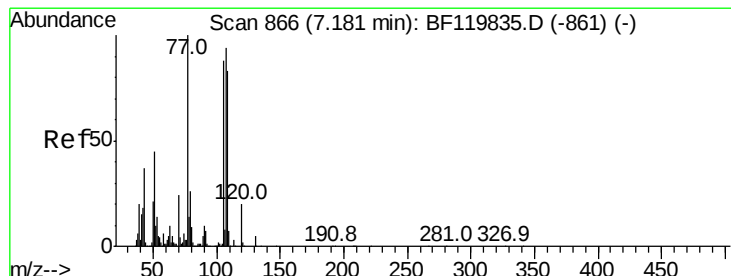
Instrument :
BNA_N
ClientSampleId :
PB128115BS

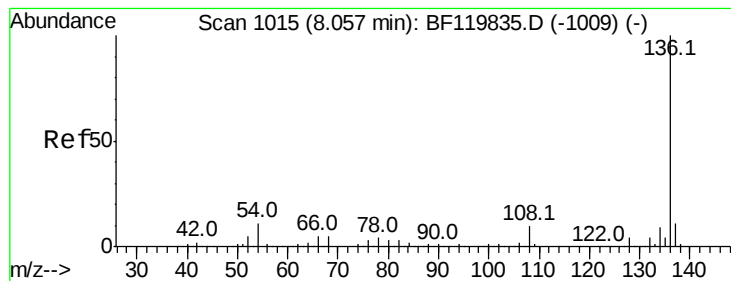
Tot Ion:	70	Resp:	384509
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	9.5	7.4	11.2
130	21.2	17.8	26.6



#20
3+4-Methylphenols
Concen: 41.547 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:	107	Resp:	553191
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	105.7	86.6	126.6
79	29.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

Tot Ion:136 Resp: 741100

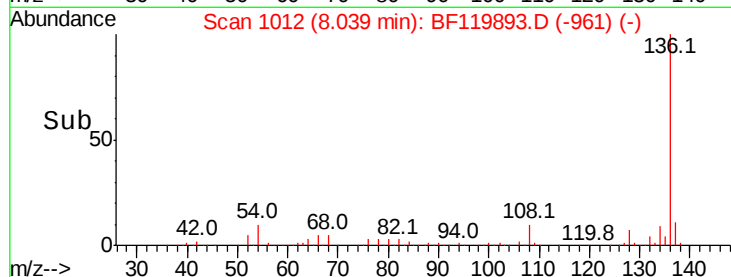
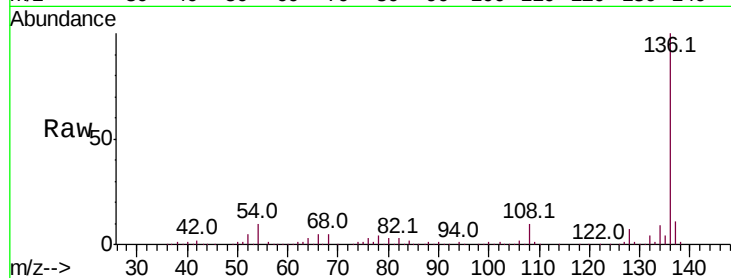
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 8.5 12.7

68 5.5 3.9 5.9

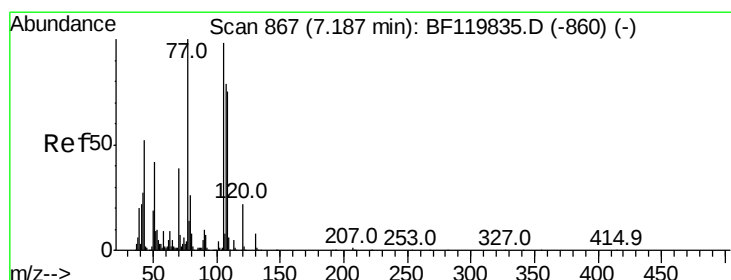
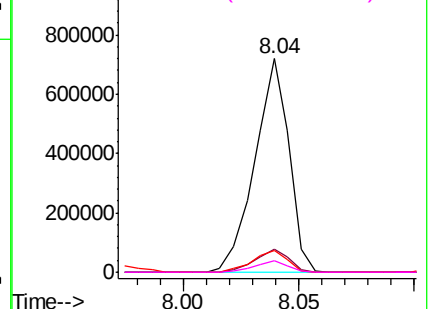


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.659 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:105 Resp: 722955

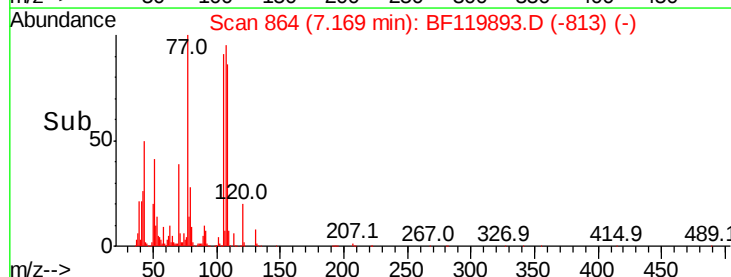
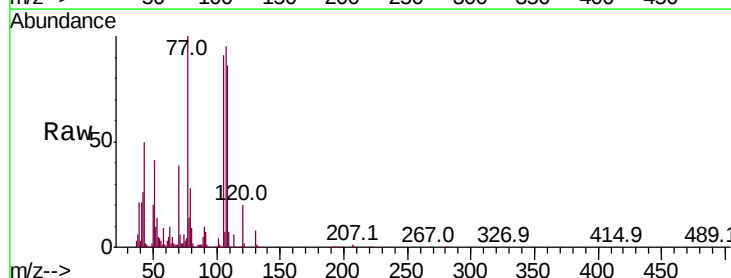
Ion Ratio Lower Upper

105 100

71 7.0 5.6 8.4

51 45.2 33.9 50.9

120 22.1 17.8 26.8

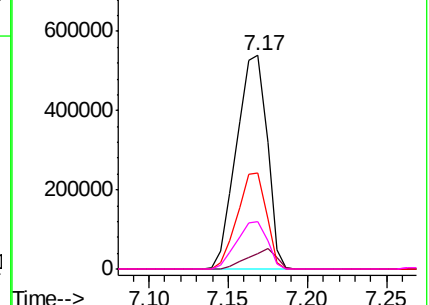


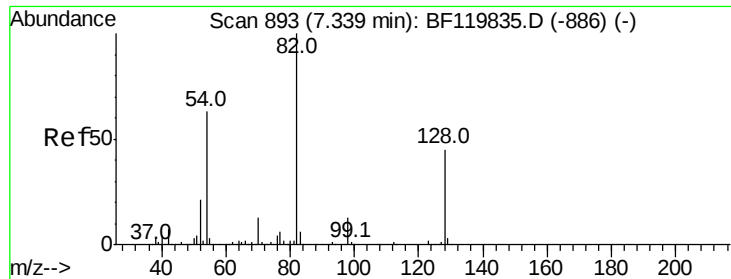
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

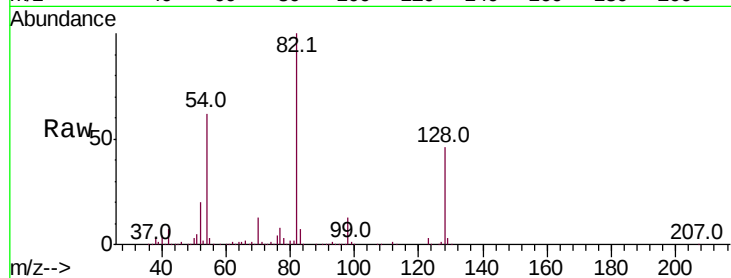




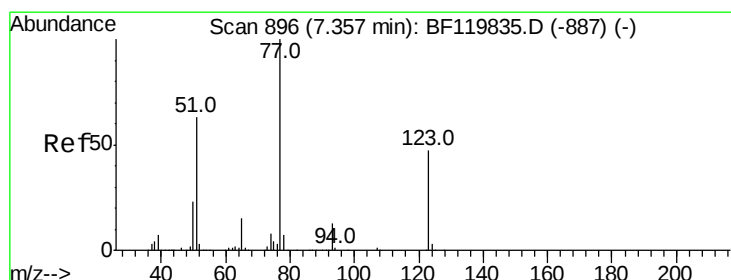
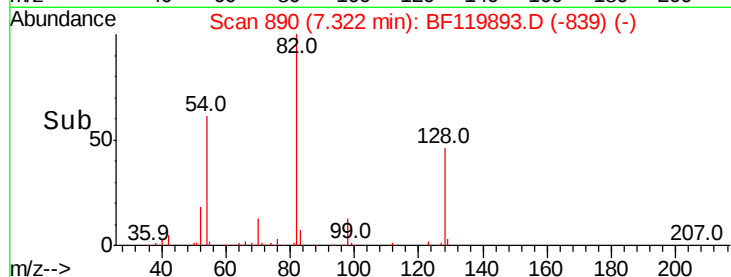
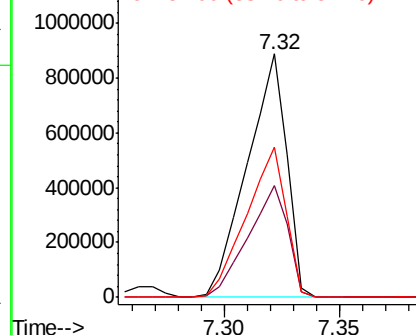
#23
Nitrobenzene-d5
Concen: 74.079 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion: 82 Resp: 1061210
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 61.5 50.4 75.6

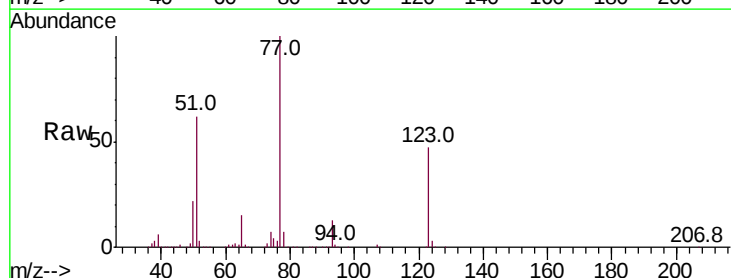


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

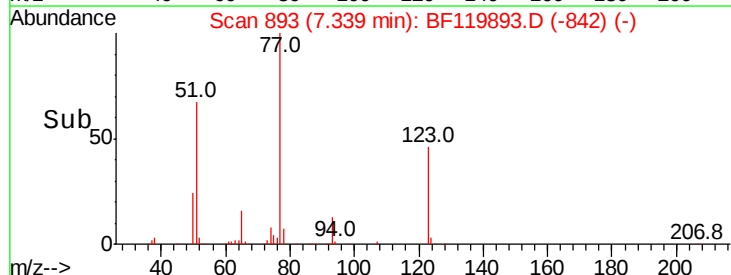
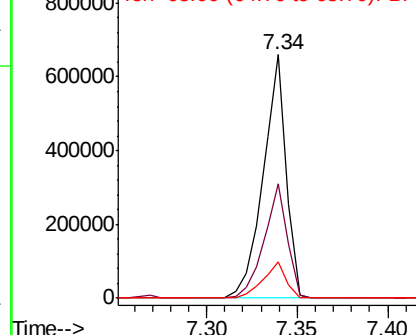


#24
Nitrobenzene
Concen: 40.383 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion: 77 Resp: 581948
Ion Ratio Lower Upper
77 100
123 46.7 37.8 56.8
65 14.8 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.014 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

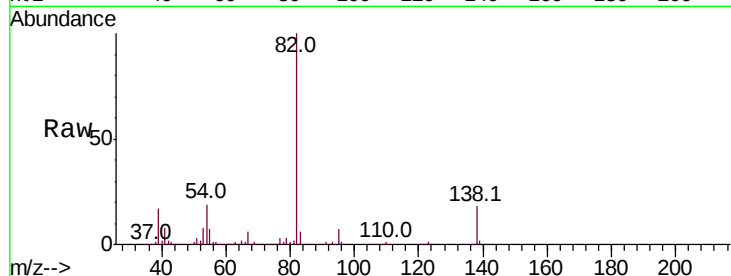
Tot Ion: 82 Resp: 1077383

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

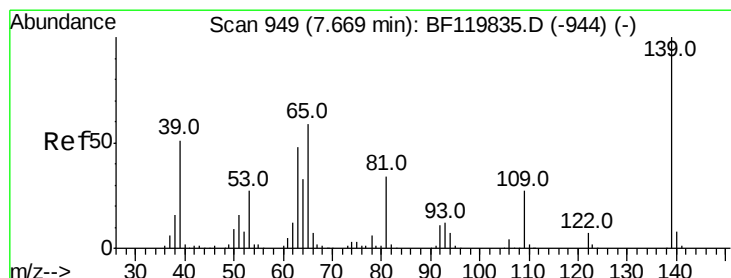
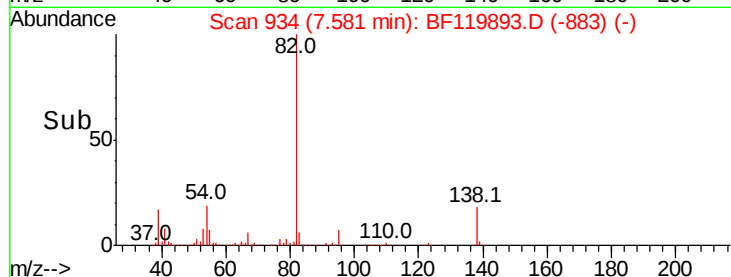
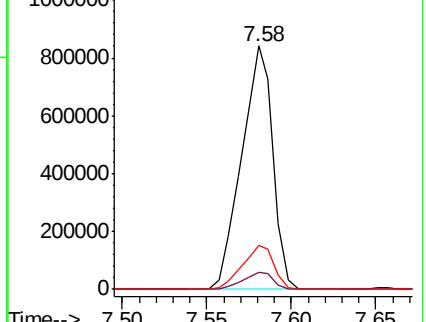
138 18.0 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.998 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

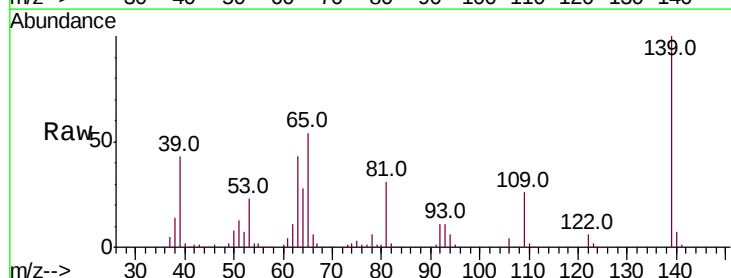
Tgt Ion:139 Resp: 302371

Ion Ratio Lower Upper

139 100

109 26.3 21.8 32.6

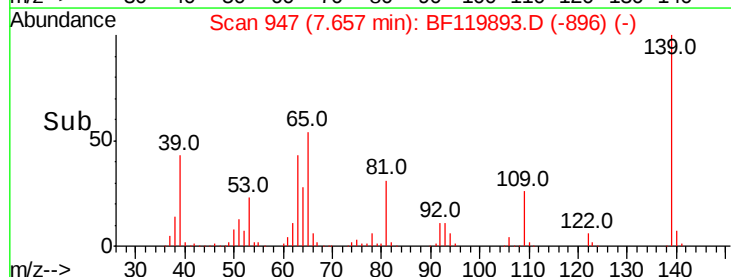
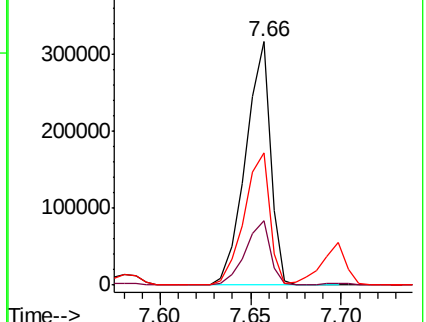
65 54.1 47.0 70.4

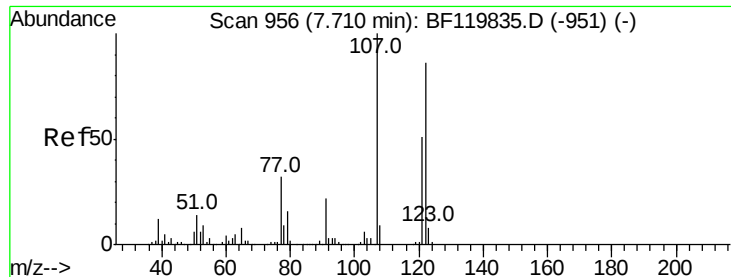


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.024 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

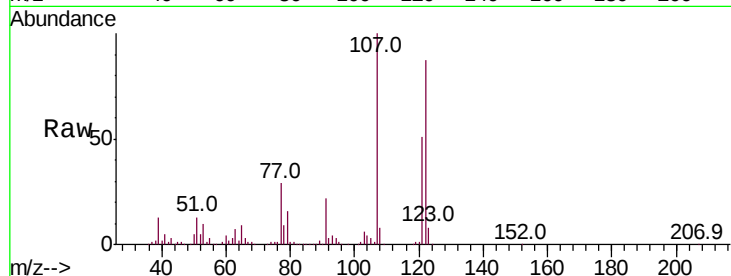
Tot Ion:122 Resp: 478030

Ion Ratio Lower Upper

122 100

107 115.2 92.3 138.5

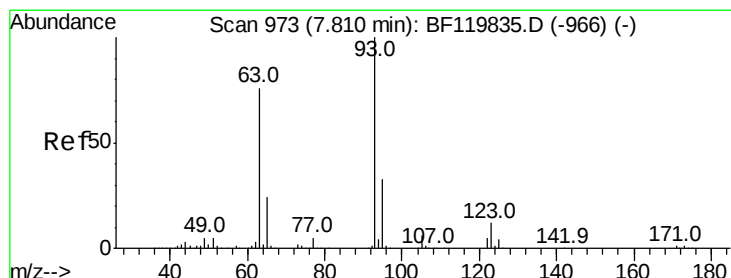
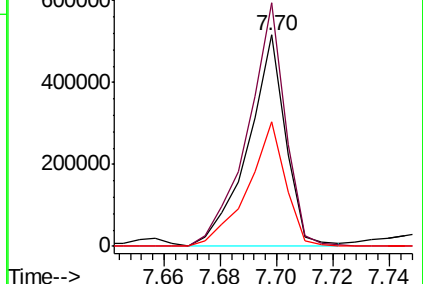
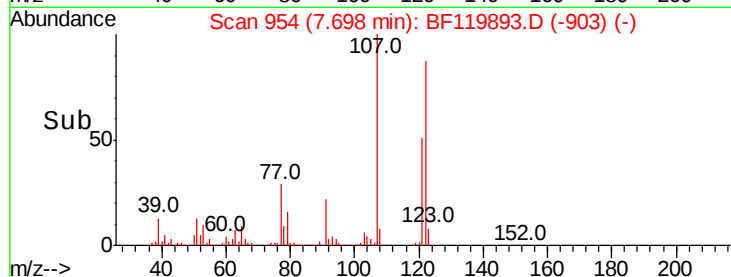
121 58.9 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.303 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

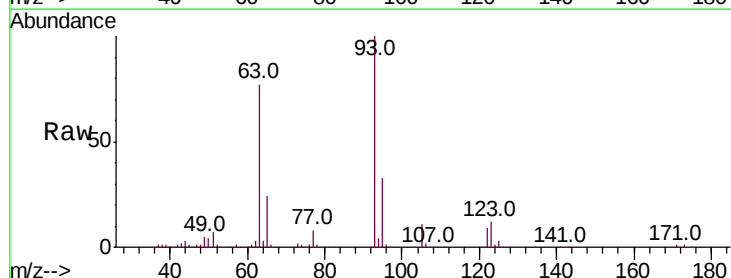
Tgt Ion: 93 Resp: 687409

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

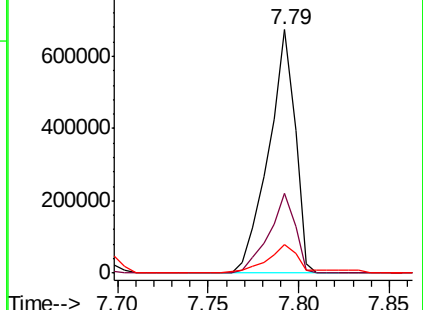
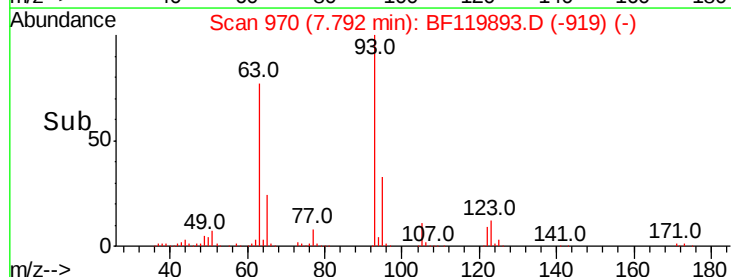
123 11.6 9.7 14.5

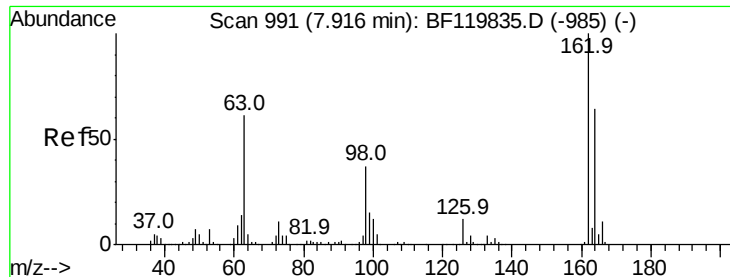


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

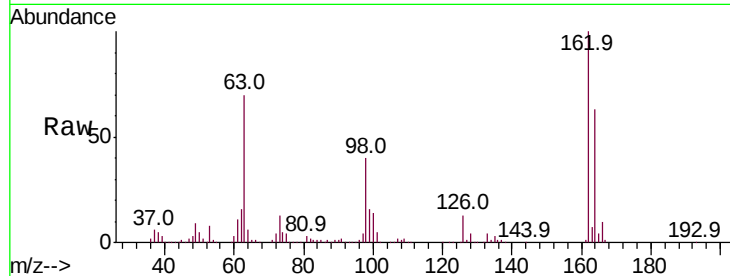




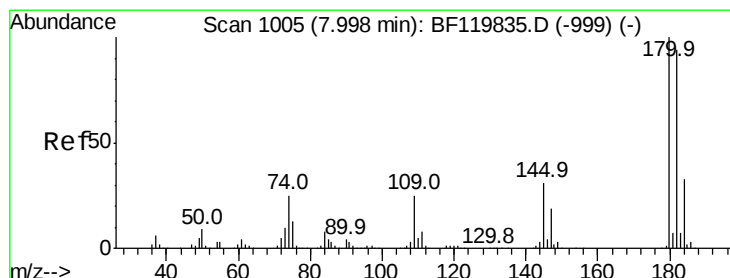
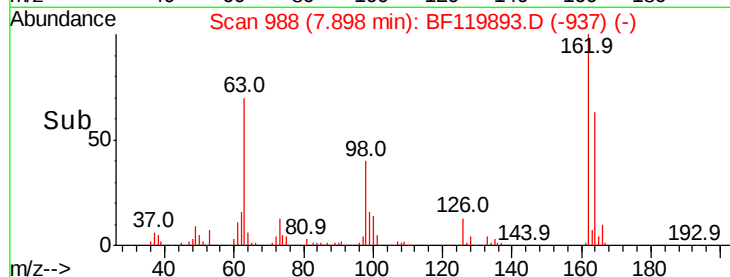
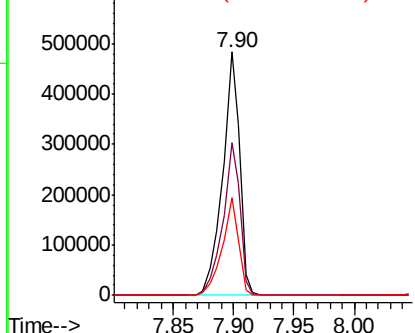
#29
2,4-Dichlorophenol
Concen: 42.310 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:162 Resp: 470918
Ion Ratio Lower Upper
162 100
164 62.8 44.4 84.4
98 40.1 17.3 57.3

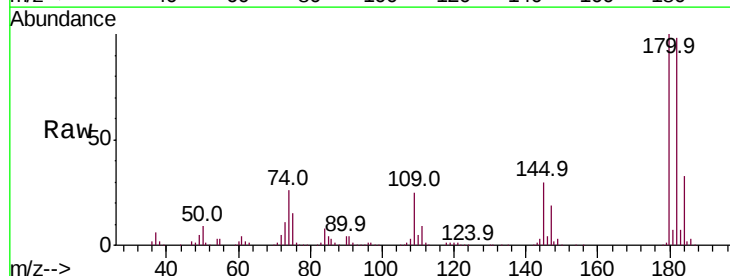


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

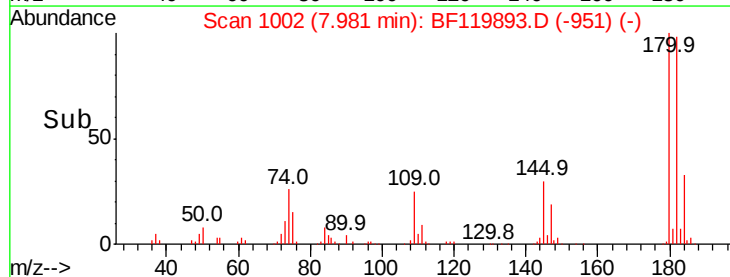
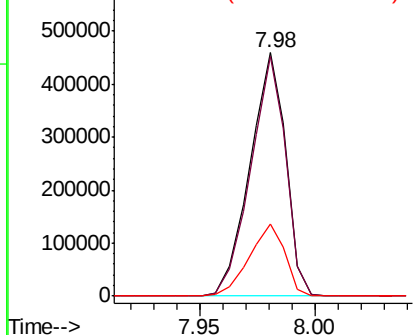


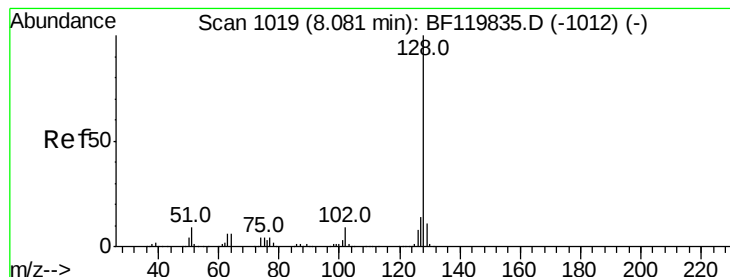
#30
1,2,4-Trichlorobenzene
Concen: 39.172 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:180 Resp: 494004
Ion Ratio Lower Upper
180 100
182 98.3 75.4 113.0
145 29.9 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.626 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

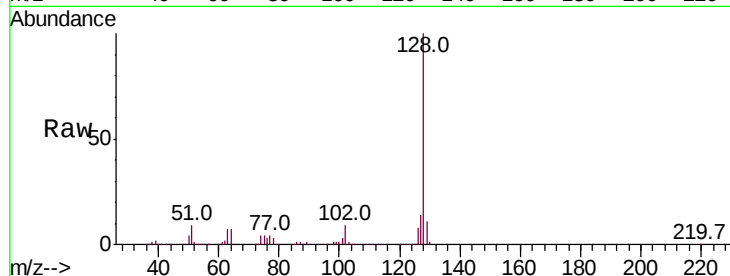
Tot Ion:128 Resp: 1584065

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

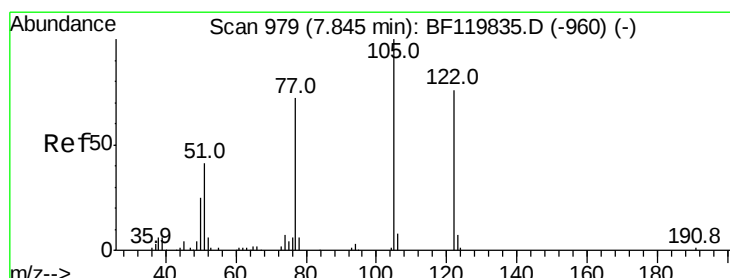
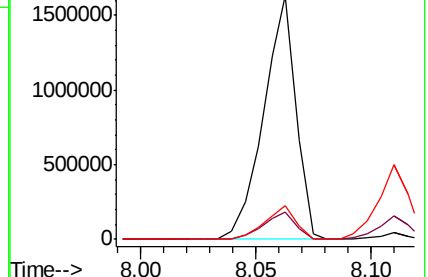
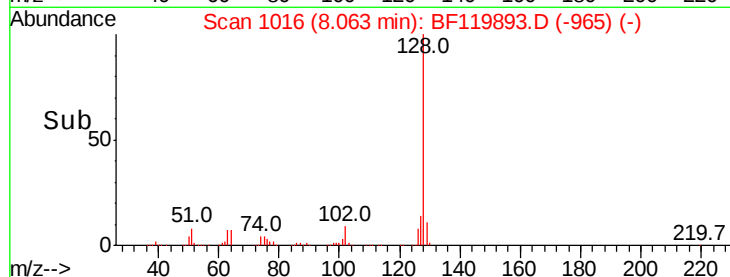
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.629 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

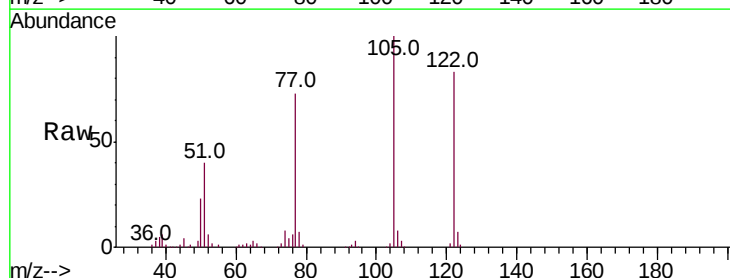
Tgt Ion:122 Resp: 387451

Ion Ratio Lower Upper

122 100

105 120.8 106.7 146.7

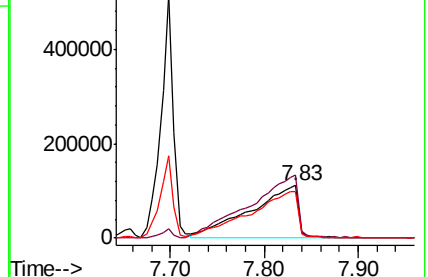
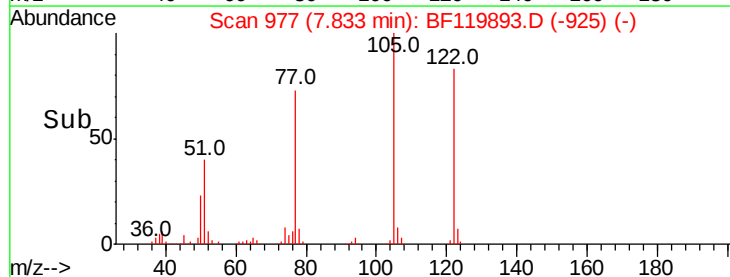
77 88.2 72.1 112.1

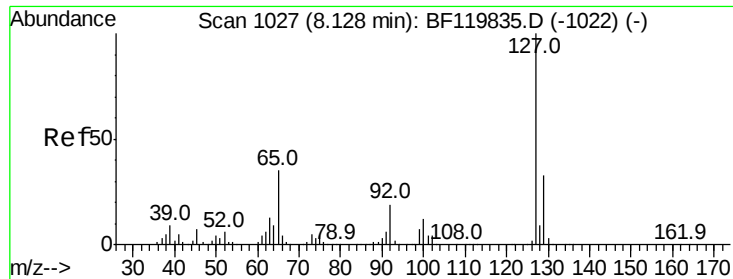


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

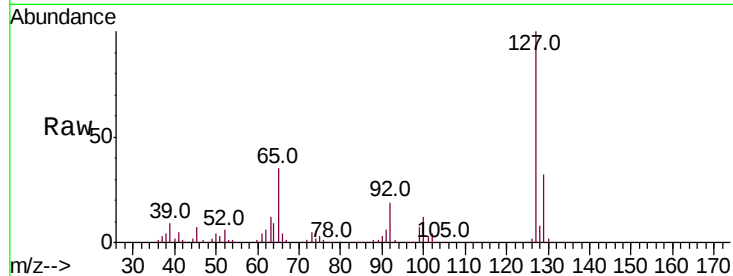




#33
4-Chloroaniline
Concen: 28.356 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:	127	Resp:	481321
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	34.6	28.3	42.5
92	19.3	15.4	23.2



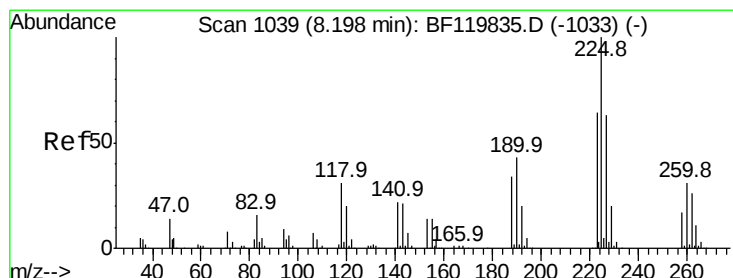
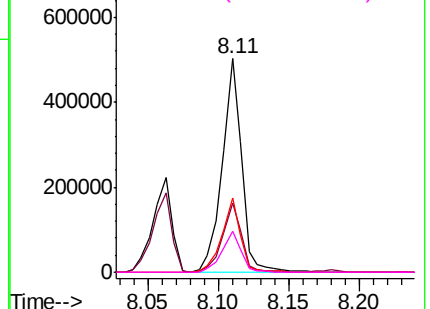
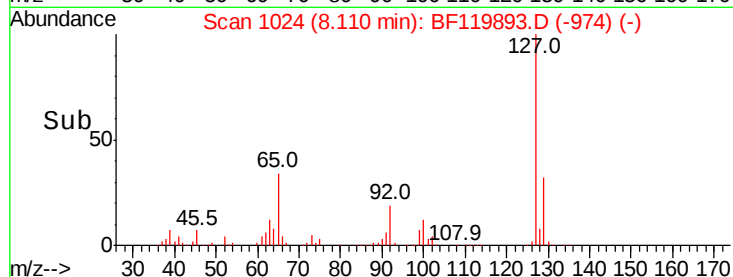
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

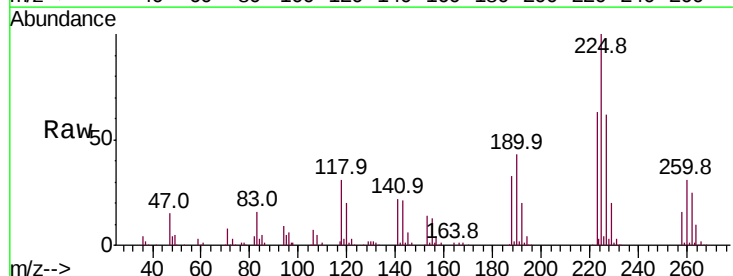
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.962 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:	225	Resp:	286581
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	62.5	50.4	75.6

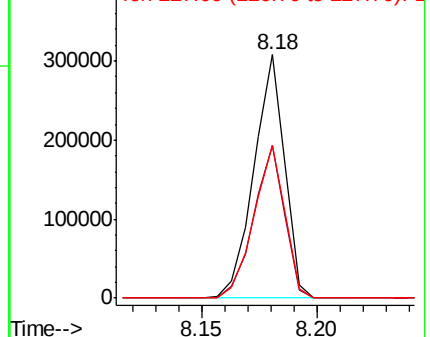
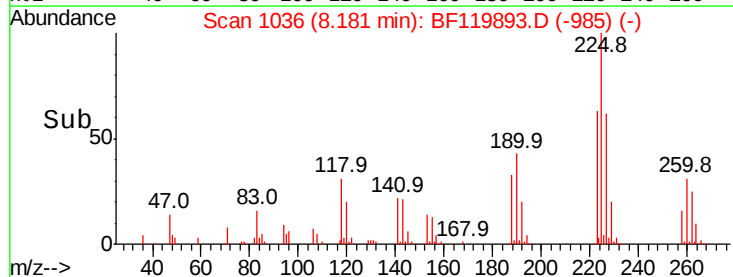


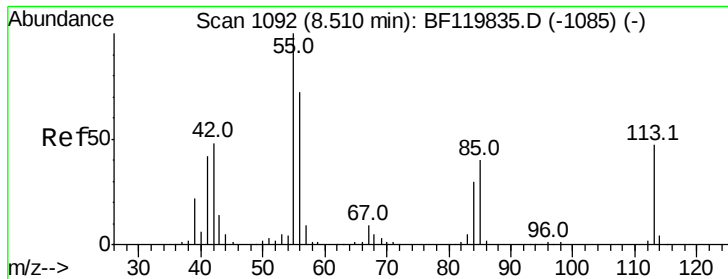
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

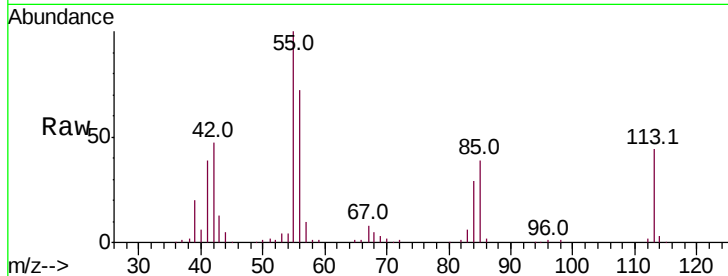




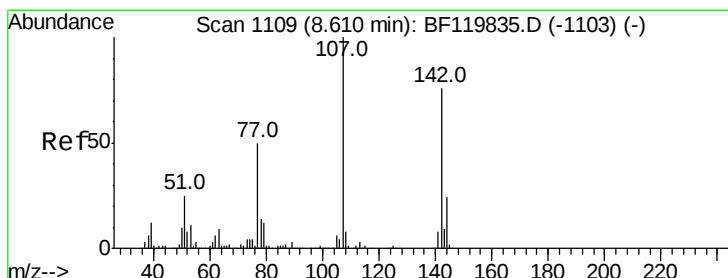
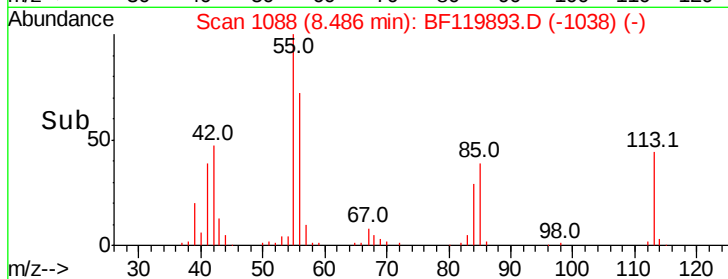
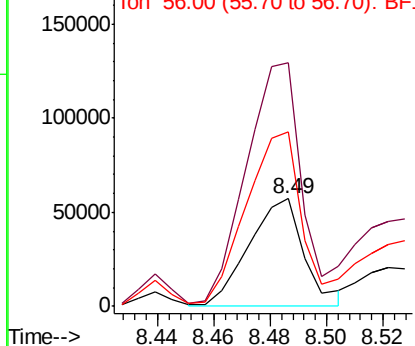
#35
 Caprolactam
 Concen: 22.893 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:113 Resp: 77942
 Ion Ratio Lower Upper
 113 100
 55 225.8 192.7 232.7
 56 161.8 133.3 173.3

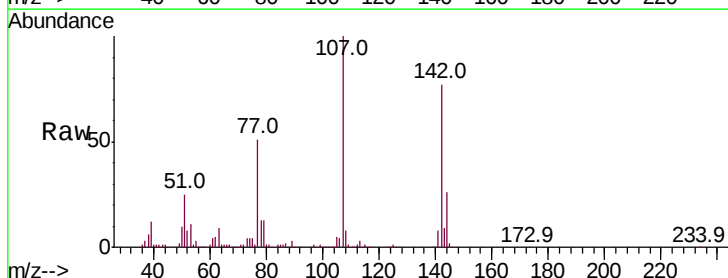


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

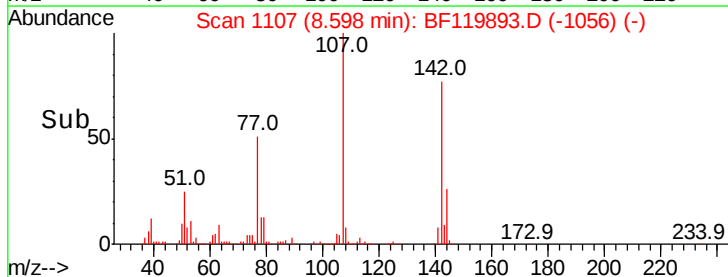
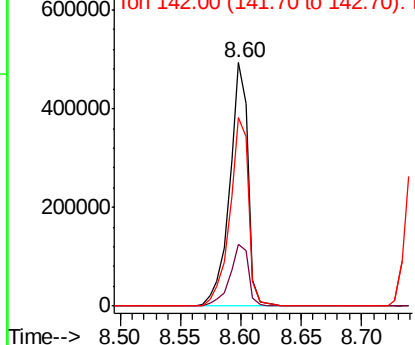


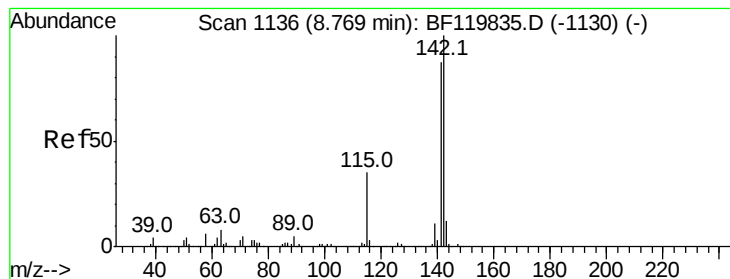
#36
 4-Chloro-3-methylphenol
 Concen: 43.044 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:107 Resp: 518690
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.5 29.3
 142 77.2 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.707 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

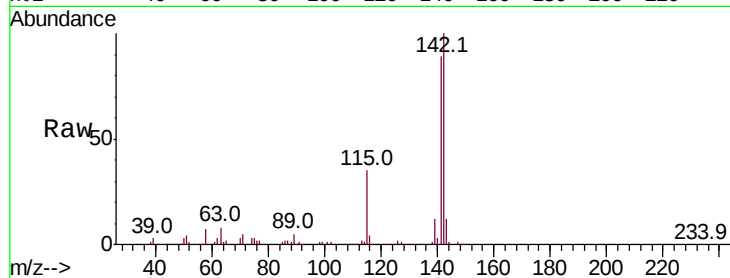
Tot Ion:142 Resp: 1076088

Ion Ratio Lower Upper

142 100

141 89.2 69.9 104.9

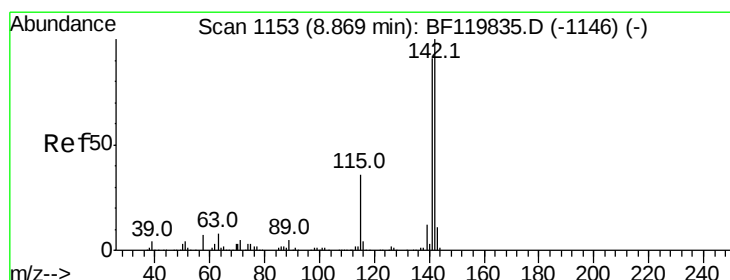
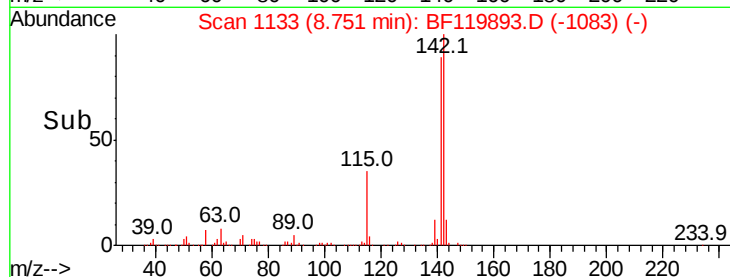
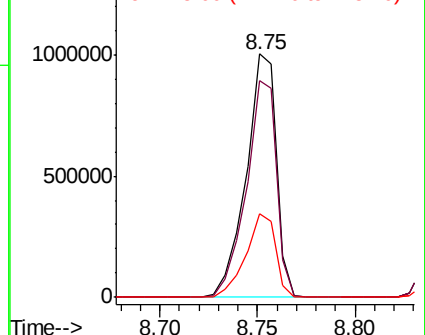
115 34.6 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.903 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

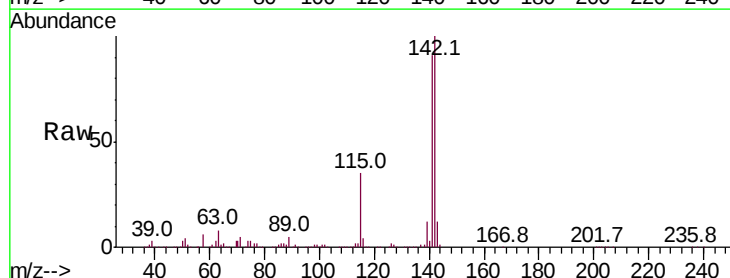
Tgt Ion:142 Resp: 1044074

Ion Ratio Lower Upper

142 100

141 90.6 72.9 109.3

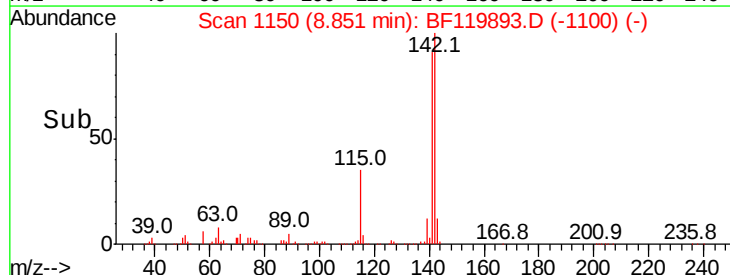
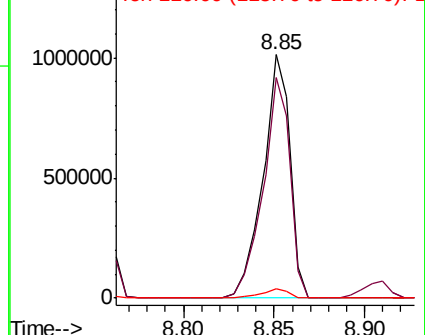
116 4.0 3.0 4.6

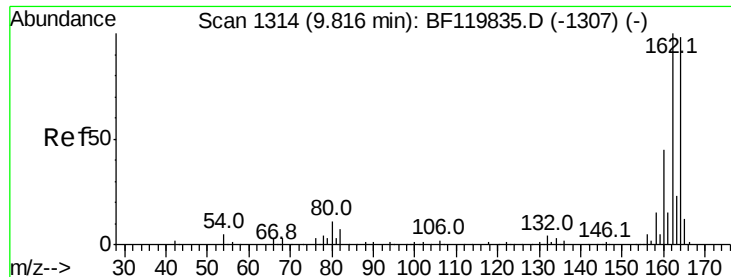


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

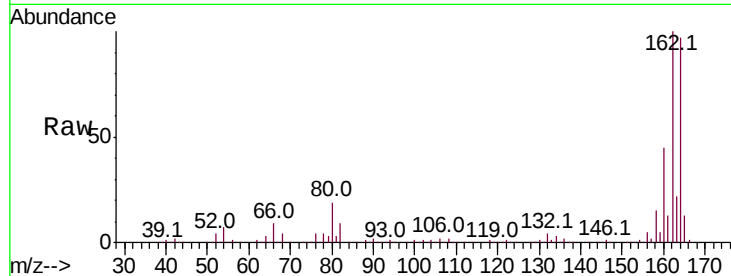




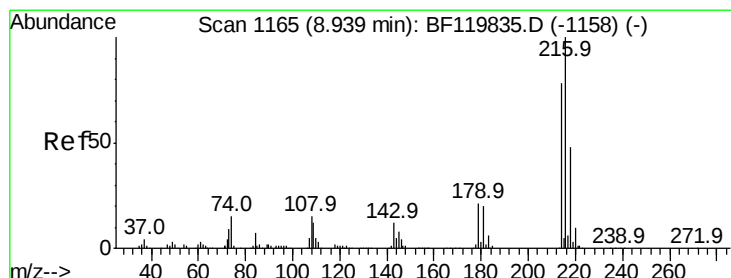
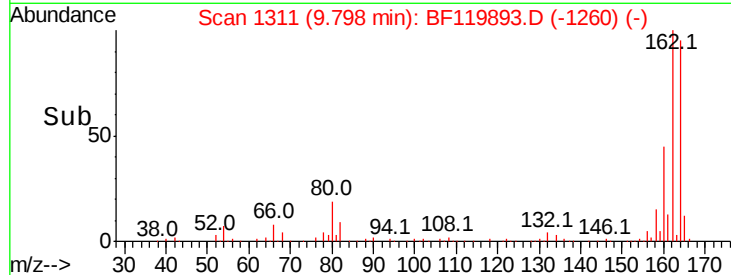
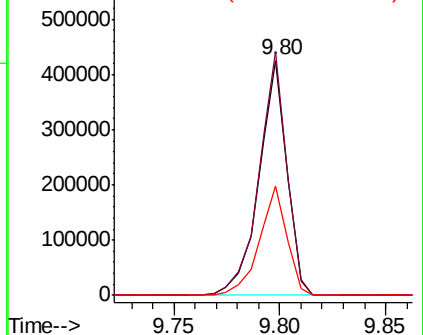
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:164 Resp: 391904
Ion Ratio Lower Upper
164 100
162 103.5 81.9 122.9
160 46.4 36.6 54.8

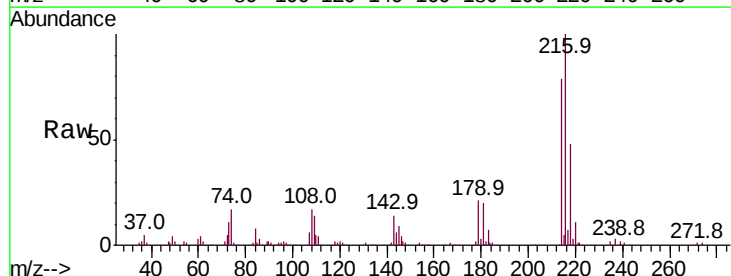


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

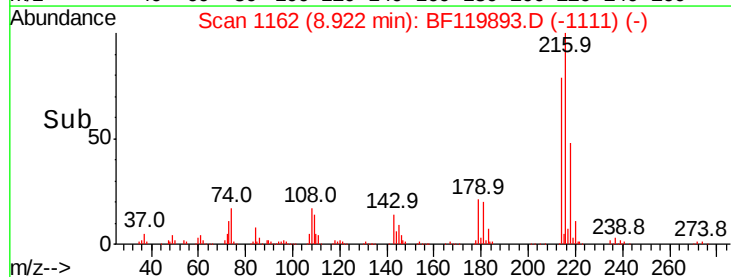
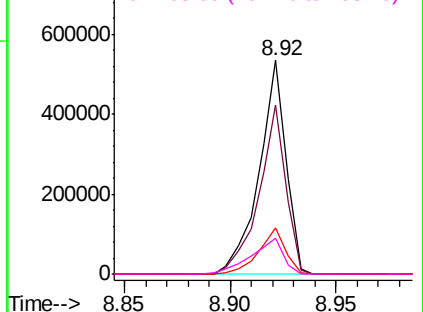


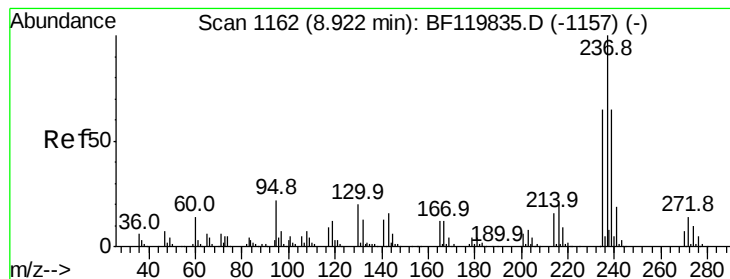
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.248 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:216 Resp: 473431
Ion Ratio Lower Upper
216 100
214 78.2 63.1 94.7
179 21.3 17.0 25.4
108 20.2 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.287 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

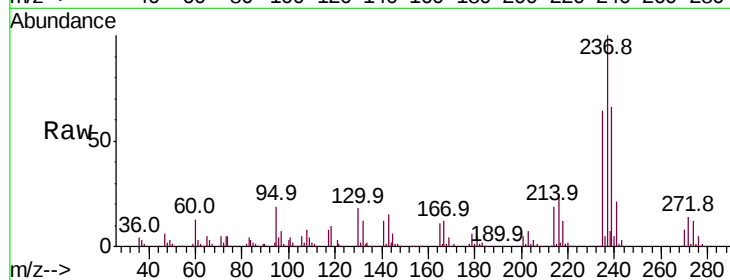
Tot Ion:237 Resp: 572145

Ion Ratio Lower Upper

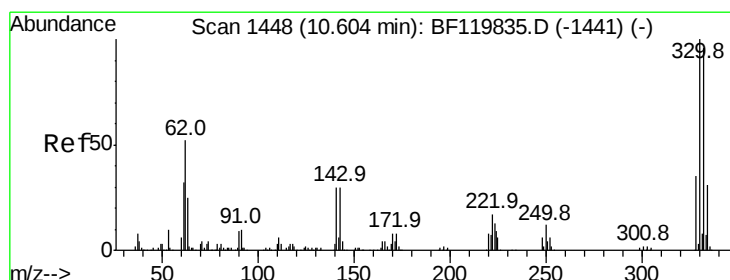
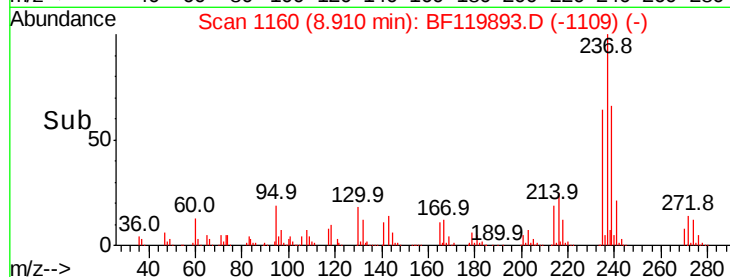
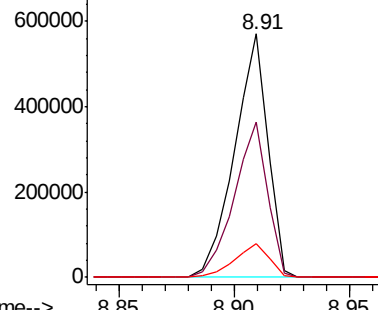
237 100

235 63.7 44.9 84.9

272 14.0 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.956 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

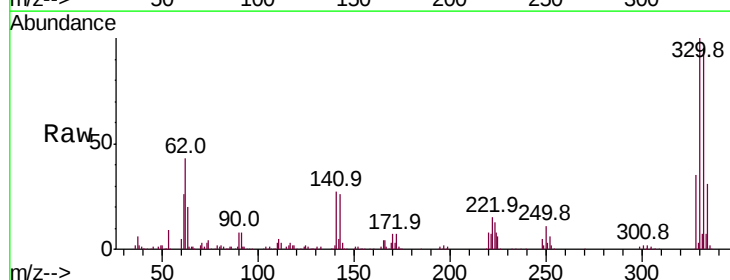
Tgt Ion:330 Resp: 522795

Ion Ratio Lower Upper

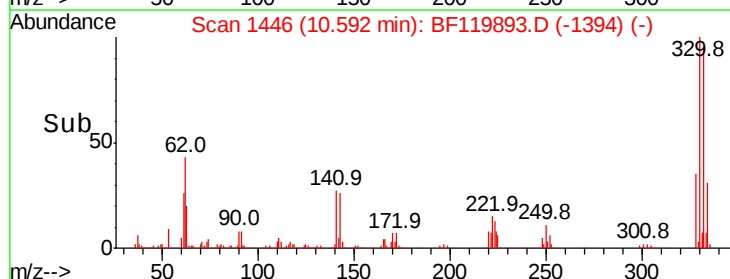
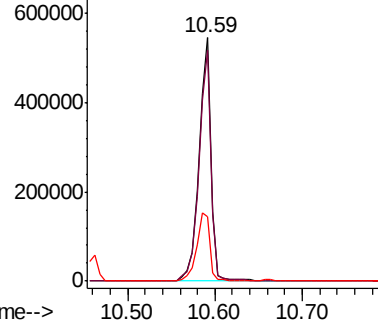
330 100

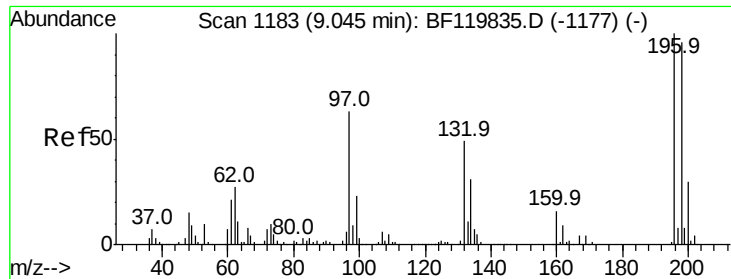
332 95.9 76.8 115.2

141 30.9 25.1 37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

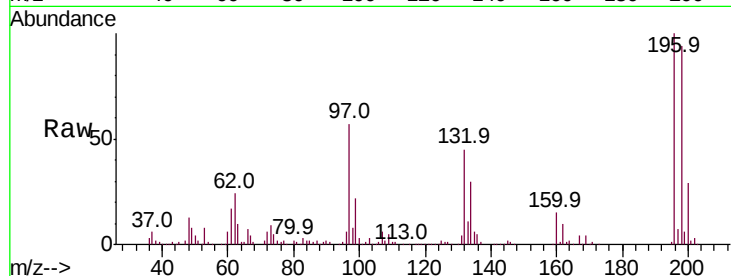




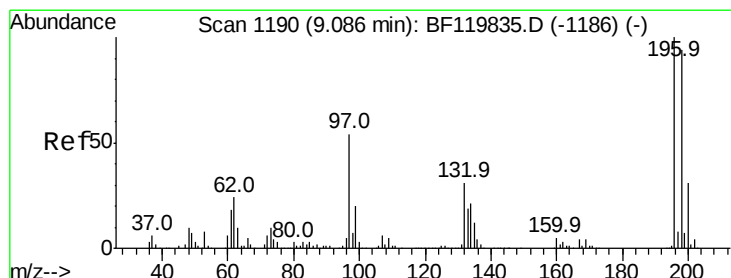
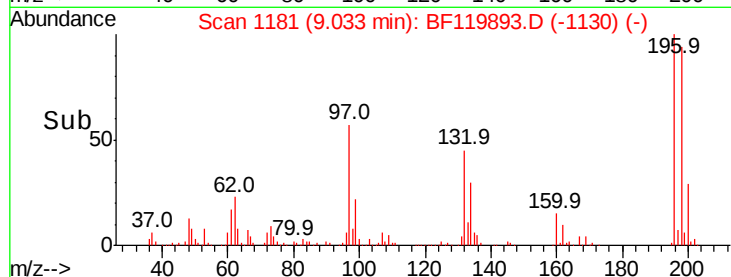
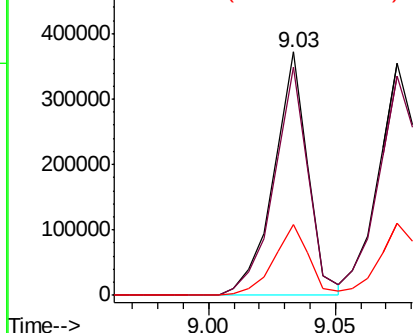
#43
 2,4,6-Trichlorophenol
 Concen: 40.903 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleID :
 PB128115BS

Tot Ion:196 Resp: 349619
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.6 115.0
 200 29.3 24.2 36.2



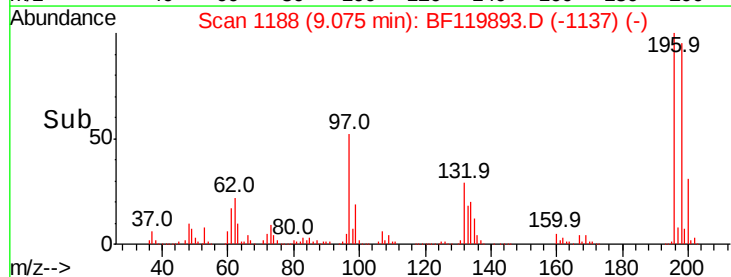
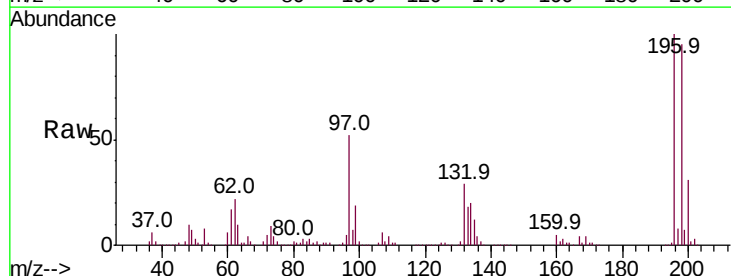
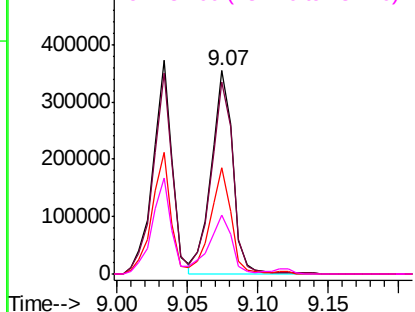
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

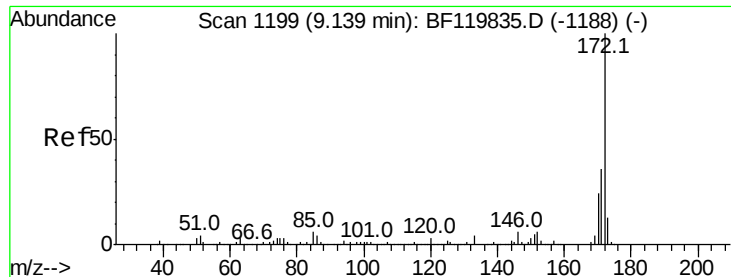


#44
 2,4,5-Trichlorophenol
 Concen: 38.927 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:196 Resp: 374751
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.1 112.7
 97 52.0 43.4 65.2
 132 28.8 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



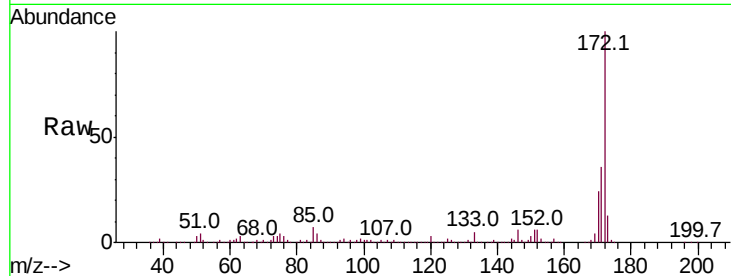


#45
 2-Fluorobiphenyl
 Concen: 75.452 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

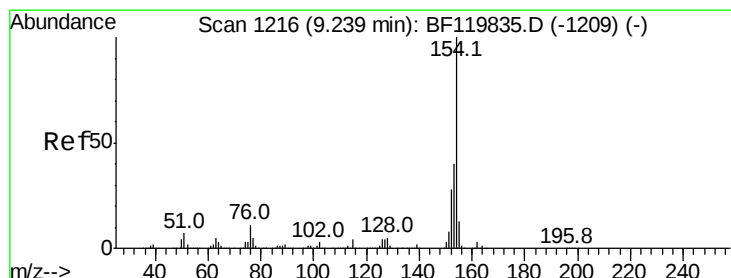
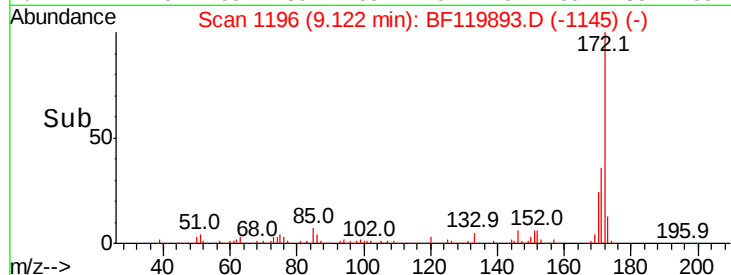
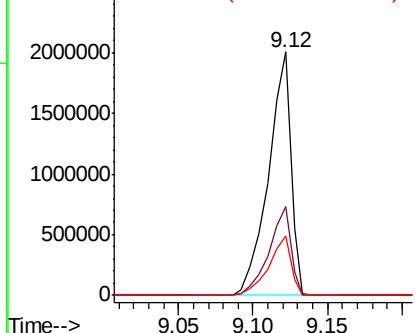
Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:172 Resp: 2082714

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.2	19.4	29.2



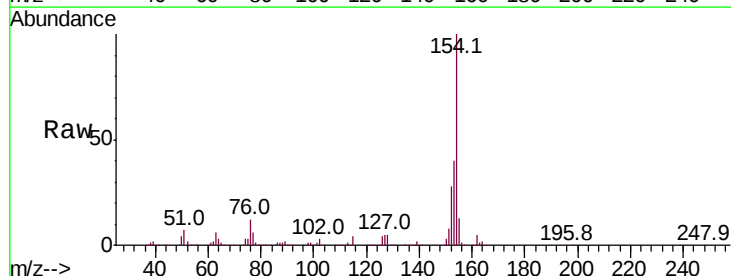
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



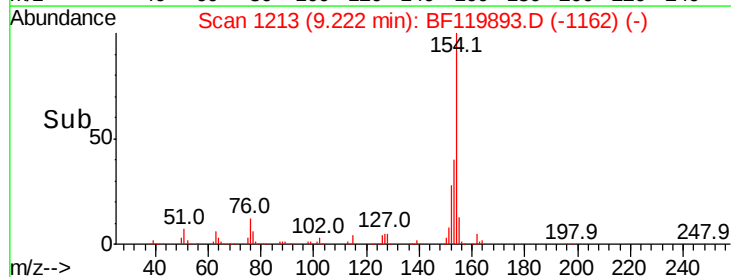
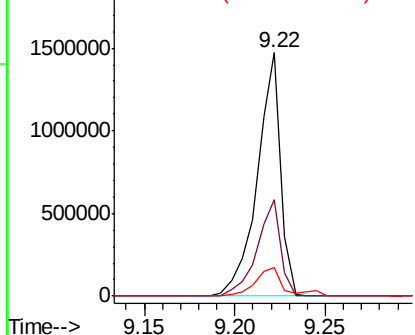
#46
 1,1'-Biphenyl
 Concen: 39.838 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

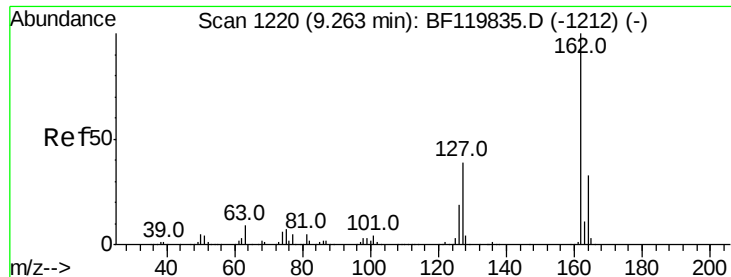
Tgt Ion:154 Resp: 1317781

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.5	0.0	30.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.021 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

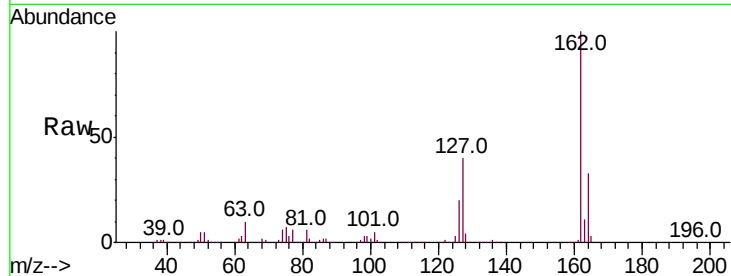
Tot Ion:162 Resp: 1019817

Ion Ratio Lower Upper

162 100

127 40.3 31.2 46.8

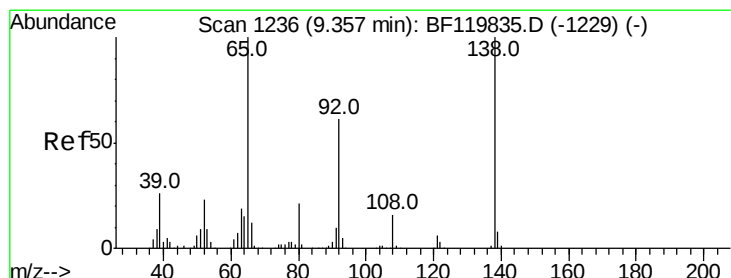
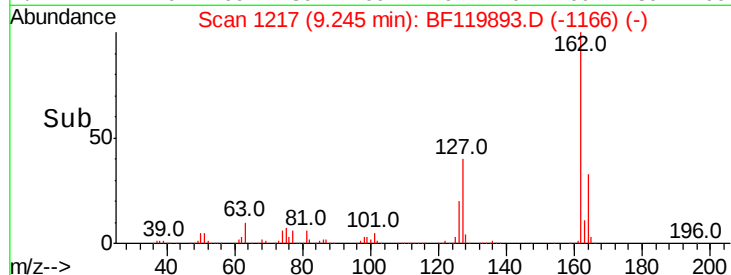
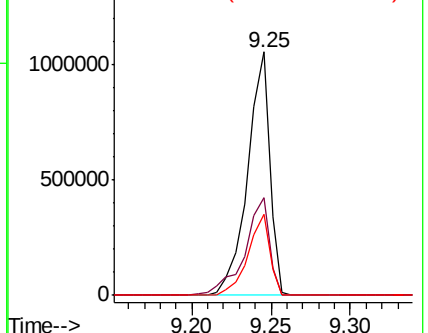
164 33.1 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.508 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

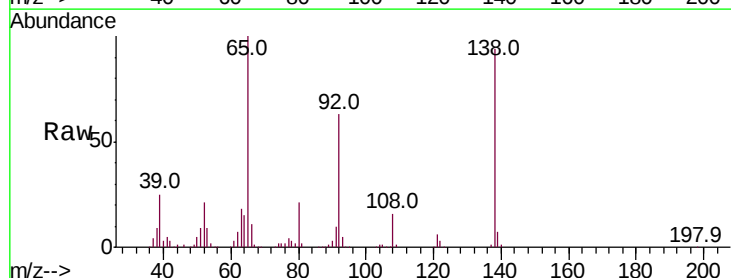
Tgt Ion: 65 Resp: 374069

Ion Ratio Lower Upper

65 100

92 62.9 49.0 73.6

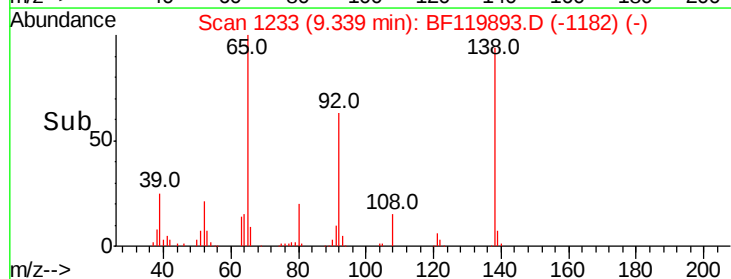
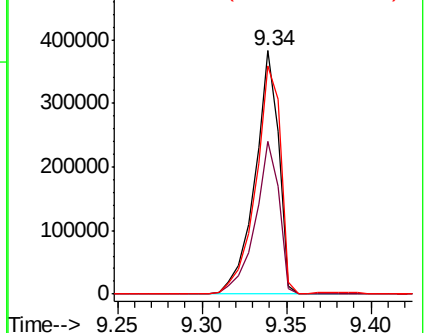
138 93.7 79.7 119.5

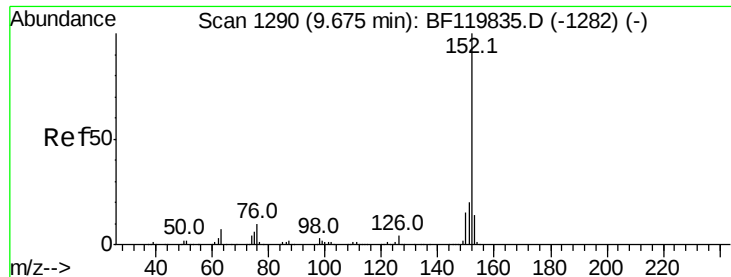


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.467 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

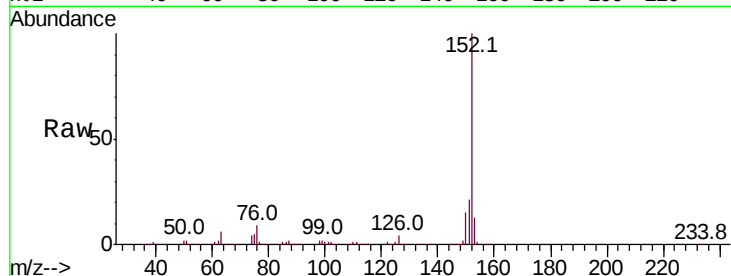
Tot Ion:152 Resp: 1606997

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

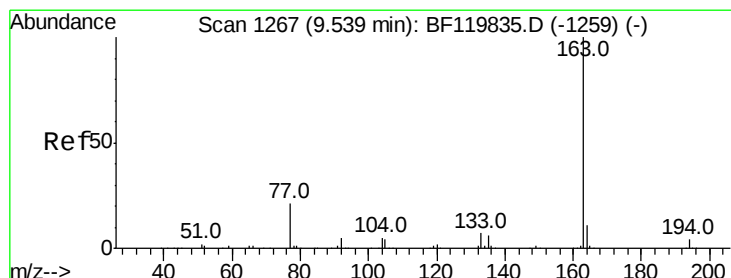
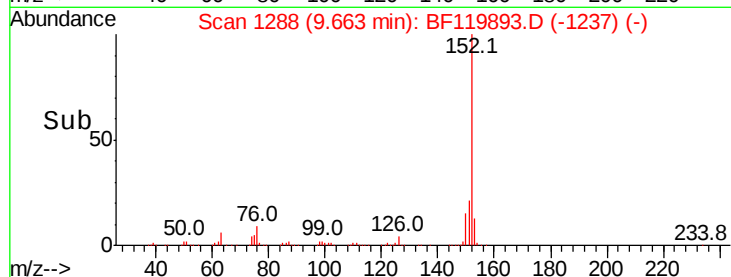
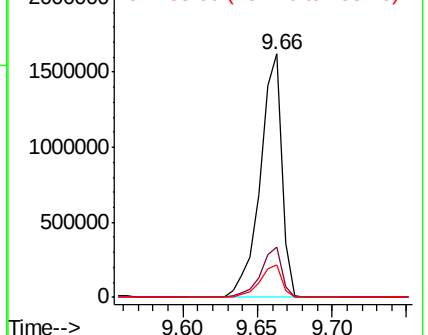
153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.855 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

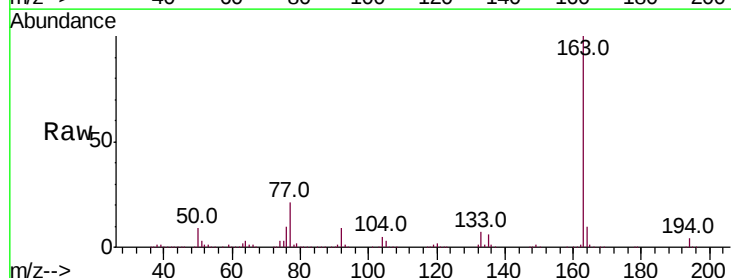
Tgt Ion:163 Resp: 1208137

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

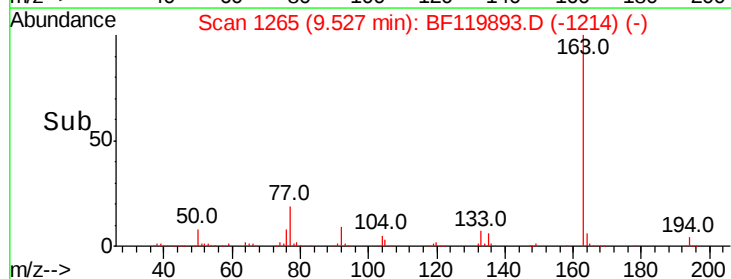
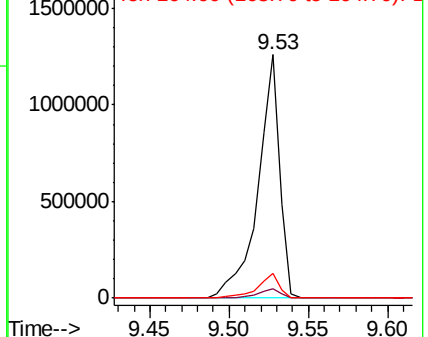
164 10.2 8.4 12.6

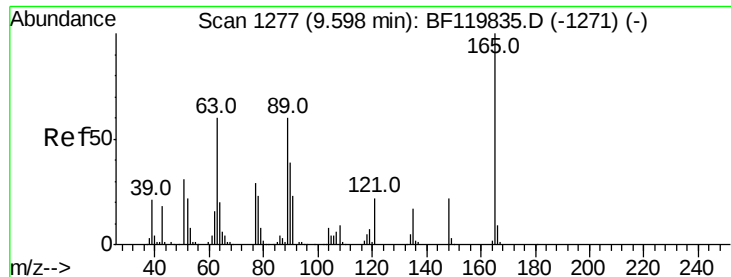


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

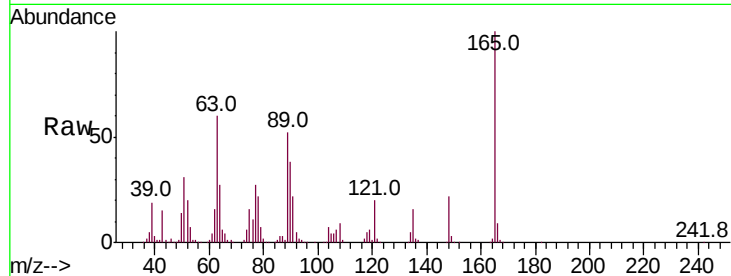




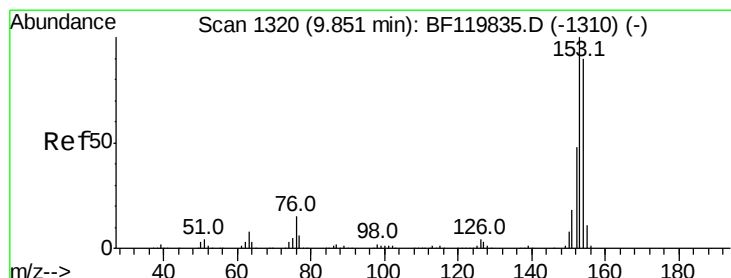
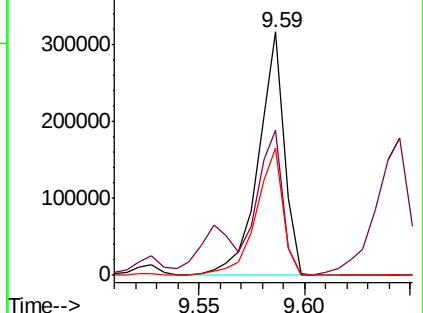
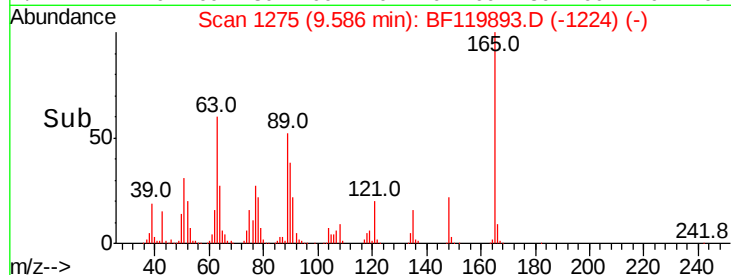
#51
2,6-Dinitrotoluene
Concen: 40.742 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:165 Resp: 270451
Ion Ratio Lower Upper
165 100
63 59.6 55.6 83.4
89 52.1 47.9 71.9

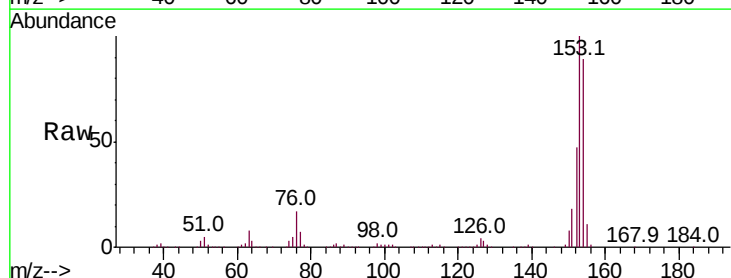


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

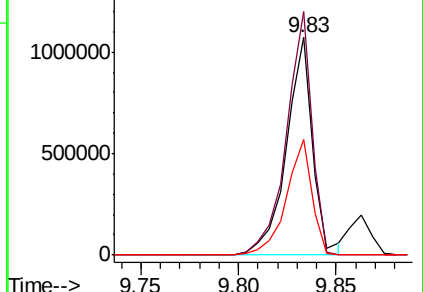
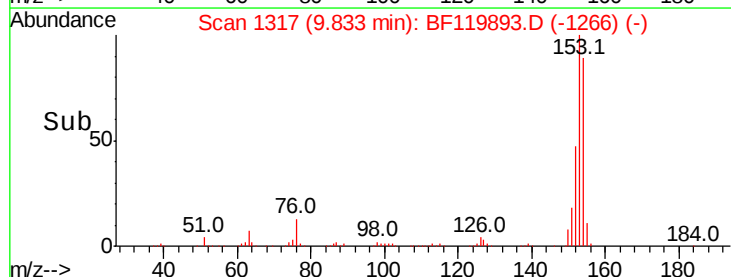


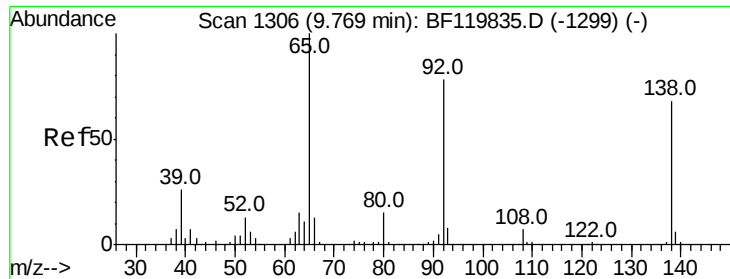
#52
Acenaphthene
Concen: 38.547 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:154 Resp: 996499
Ion Ratio Lower Upper
154 100
153 111.9 88.8 133.2
152 53.0 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

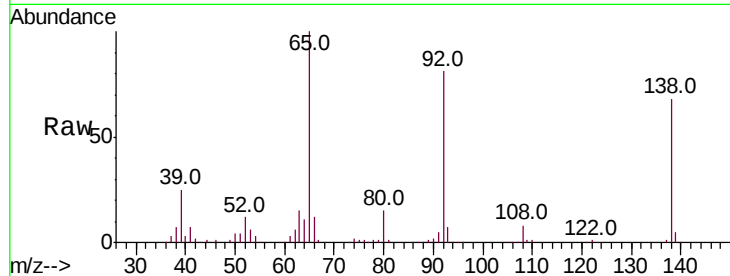




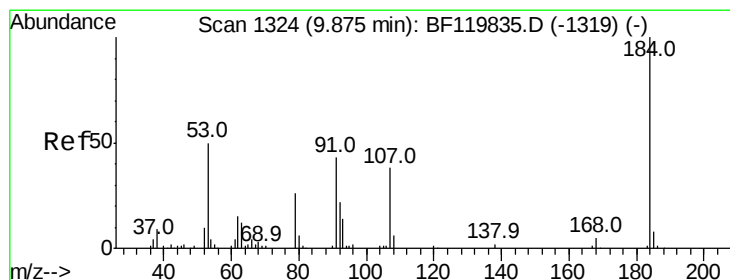
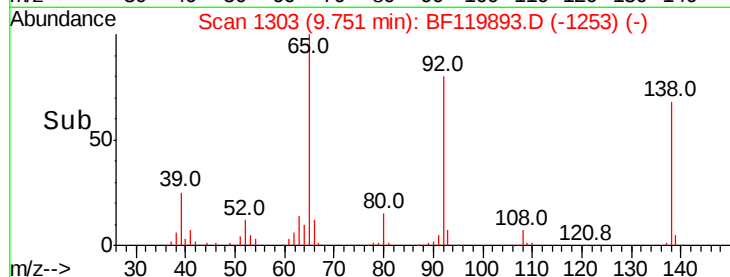
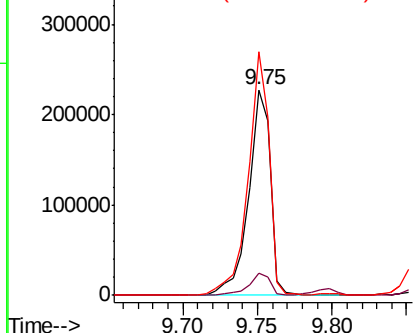
#53
3-Nitroaniline
Concen: 29.995 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:138 Resp: 227400
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 118.3 92.1 138.1

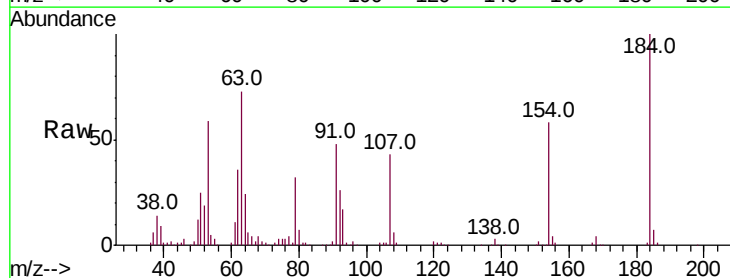


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

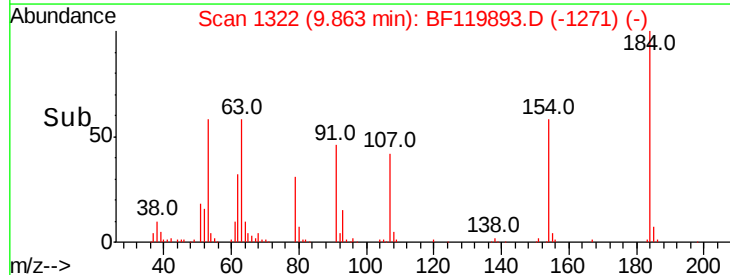
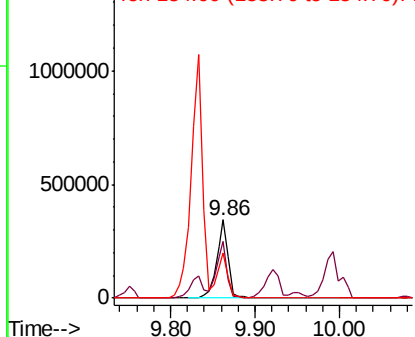


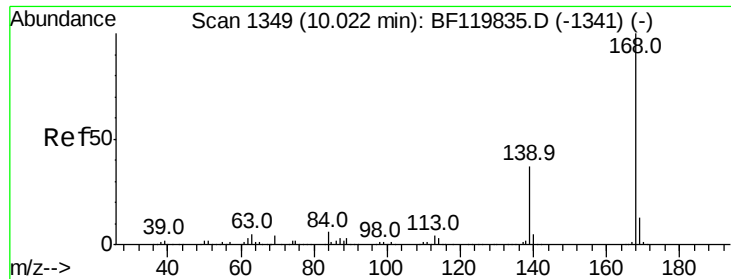
#54
2,4-Dinitrophenol
Concen: 85.241 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:184 Resp: 338768
Ion Ratio Lower Upper
184 100
63 73.2 49.8 74.6
154 57.7 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.101 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

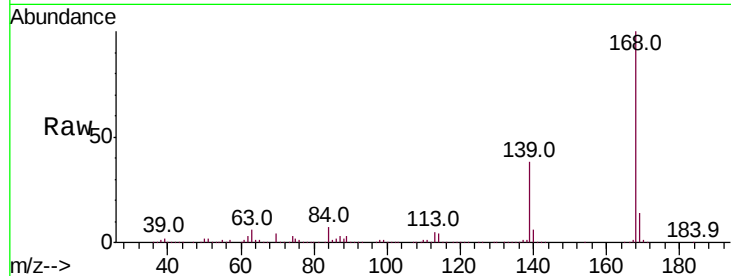
Tot Ion:168 Resp: 1458052

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.6

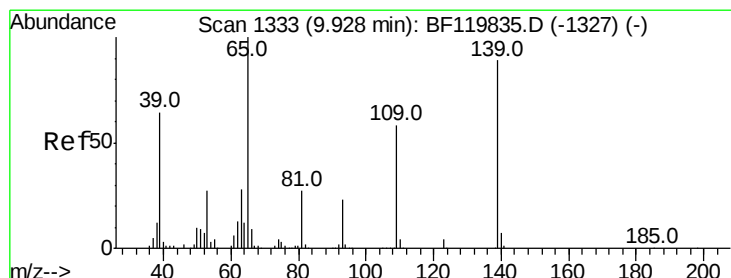
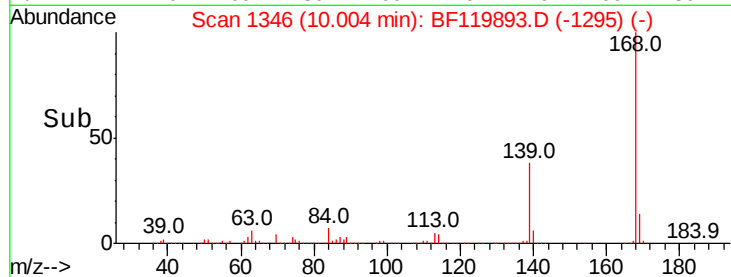
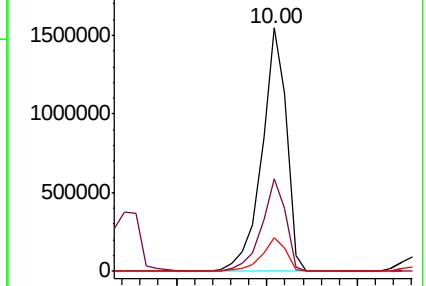
169 13.9 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.572 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

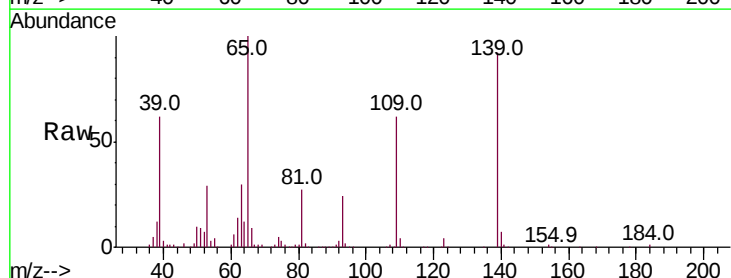
Tgt Ion:139 Resp: 471418

Ion Ratio Lower Upper

139 100

109 67.1 45.5 85.5

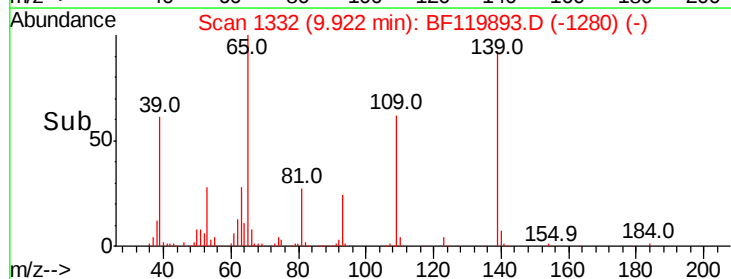
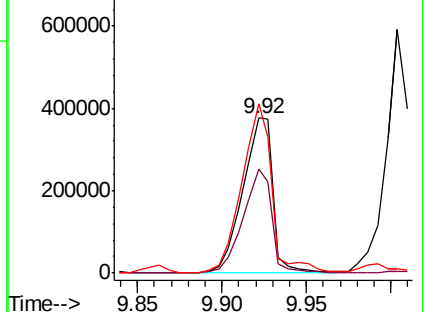
65 109.0 92.3 132.3

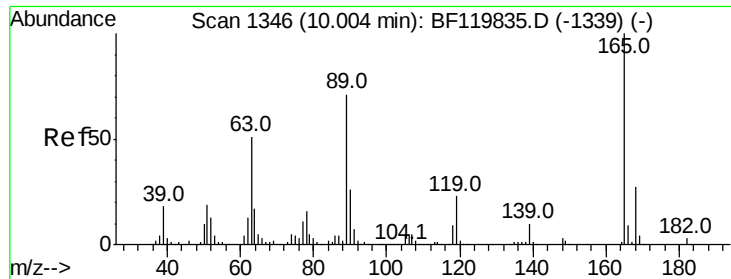


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.137 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

Tot Ion:165 Resp: 359776

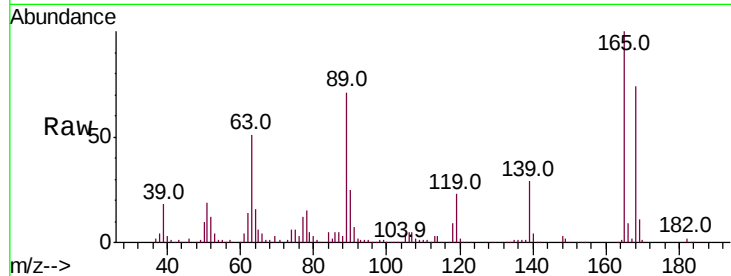
Ion Ratio Lower Upper

165 100

63 51.3 40.8 61.2

89 71.3 56.9 85.3

182 2.4 2.0 3.0

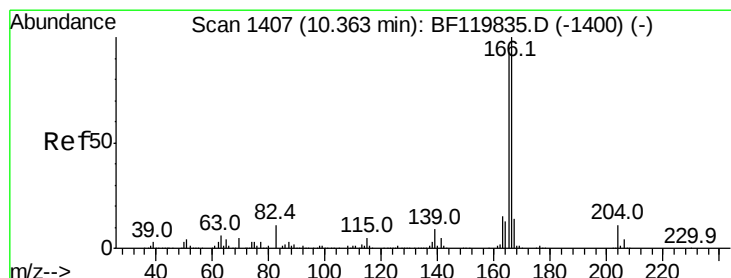
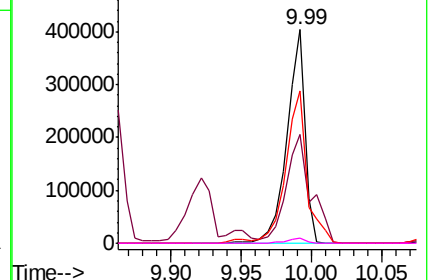
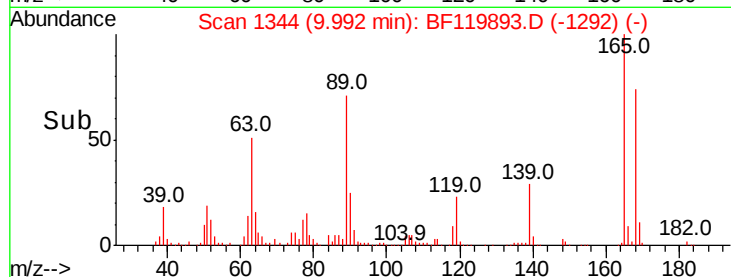


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.164 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

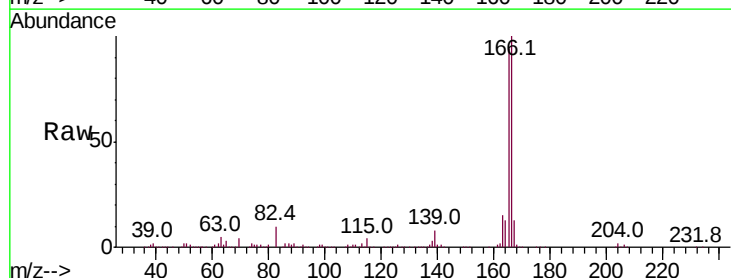
Tgt Ion:166 Resp: 1139475

Ion Ratio Lower Upper

166 100

165 94.0 74.2 111.2

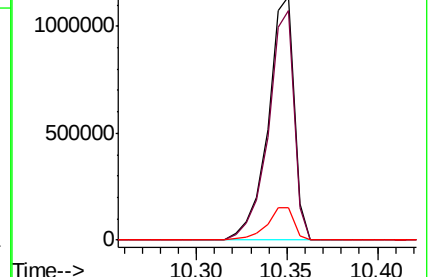
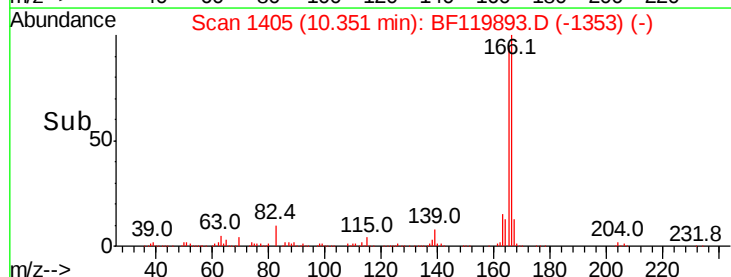
167 13.2 10.8 16.2

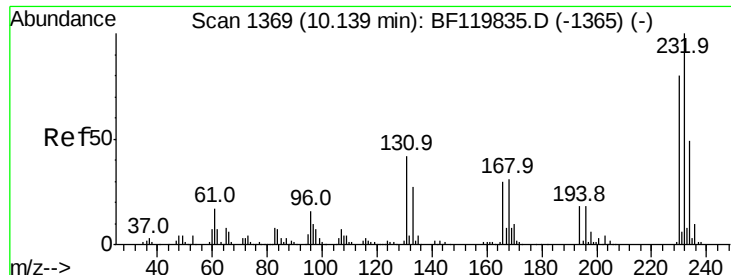


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

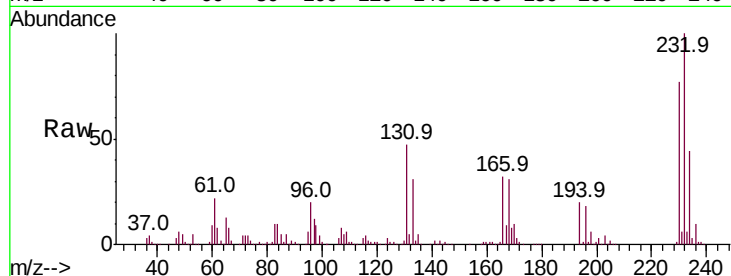




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.971 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.9	56.9
130	2.1	1.8	2.6
166	30.3	25.4	38.0



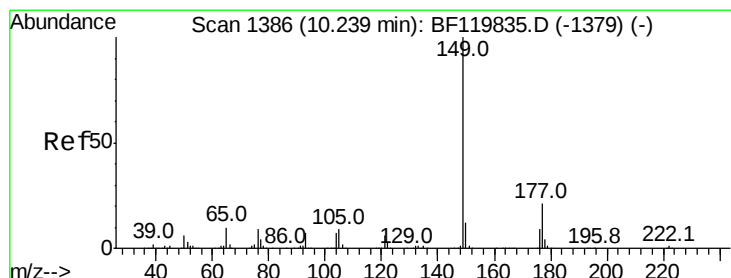
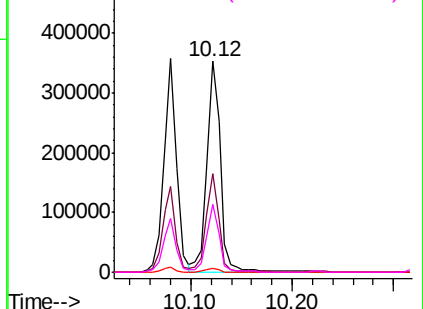
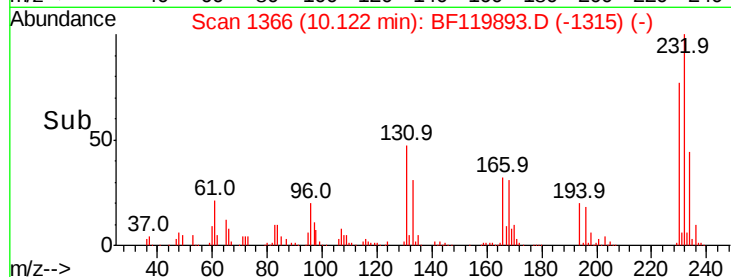
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

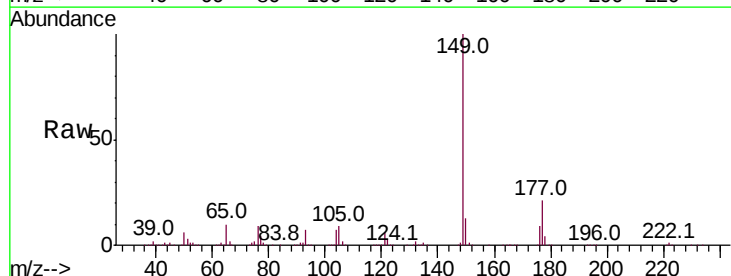
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.615 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.8	9.8	14.6

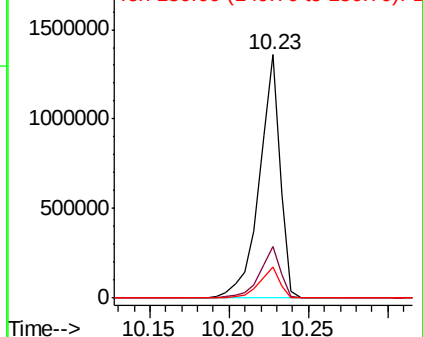
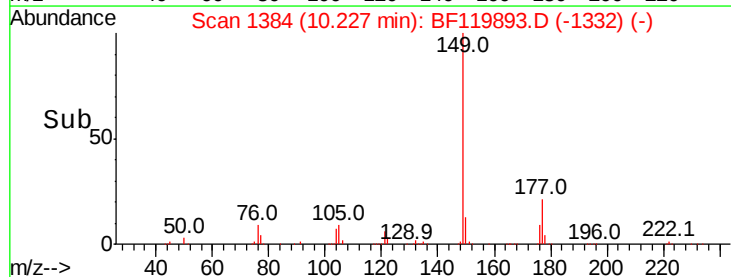


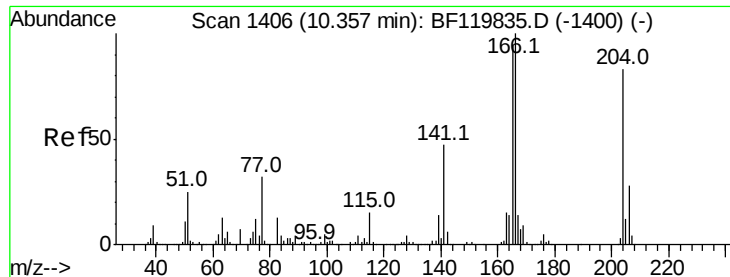
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

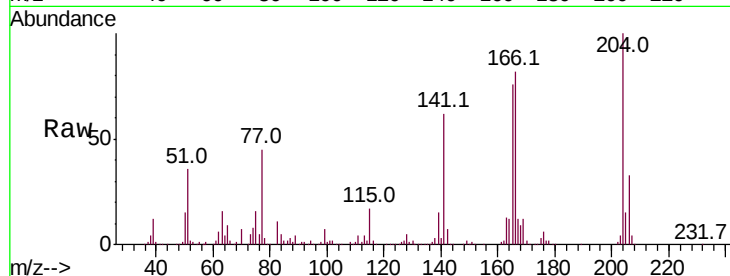




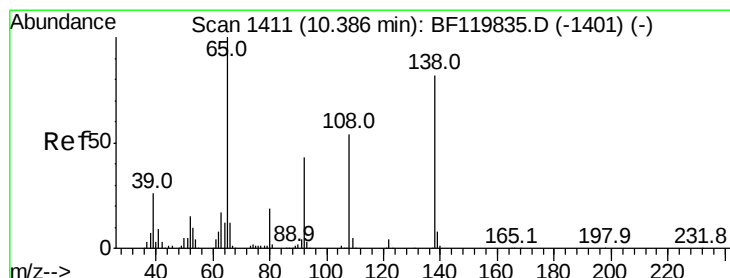
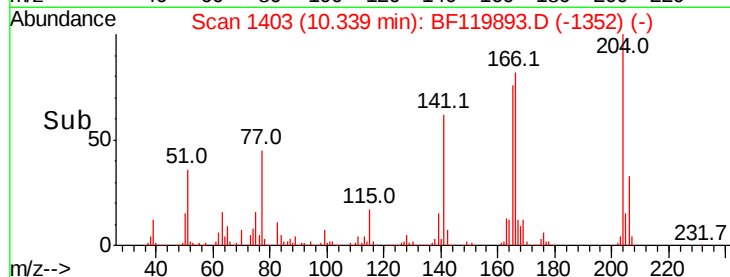
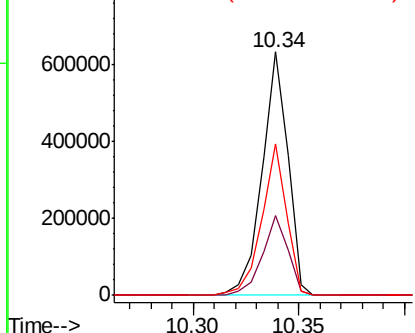
#61
 4-Chlorophenyl-phenylether
 Concen: 36.972 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:204 Resp: 537603
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.7 40.1
 141 62.1 45.8 68.8

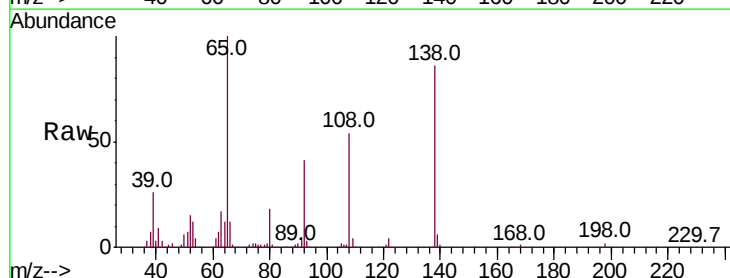


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

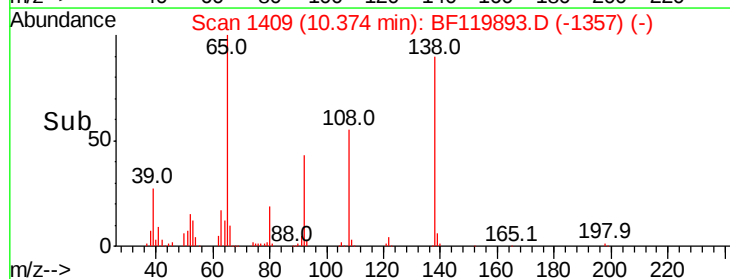
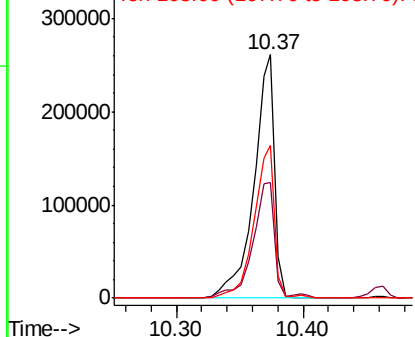


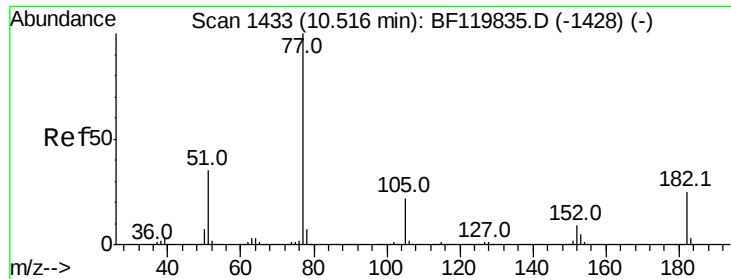
#62
 4-Nitroaniline
 Concen: 41.517 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:138 Resp: 299963
 Ion Ratio Lower Upper
 138 100
 92 47.6 31.6 71.6
 108 62.7 45.2 85.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E



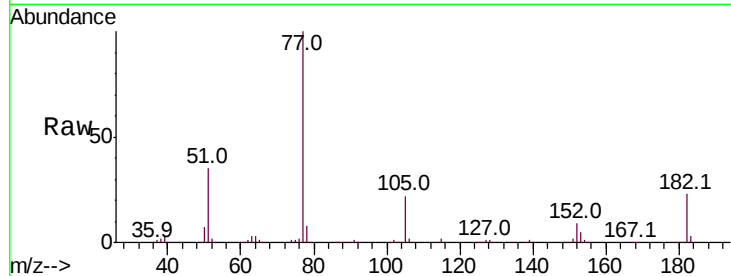


#63
Azobenzene
Concen: 41.643 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

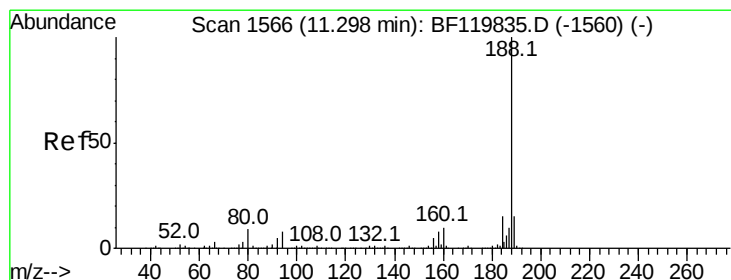
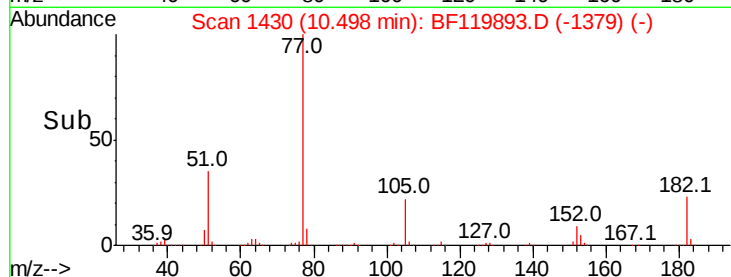
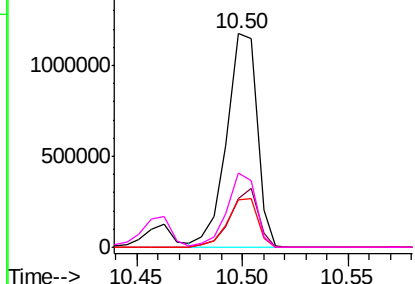
Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion: 77 Resp: 1172492

Ion	Ratio	Lower	Upper
77	100		
182	23.1	4.5	44.5
105	21.9	2.2	42.2
51	34.6	15.1	55.1



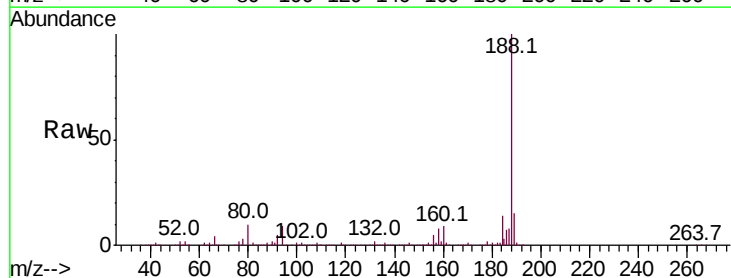
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



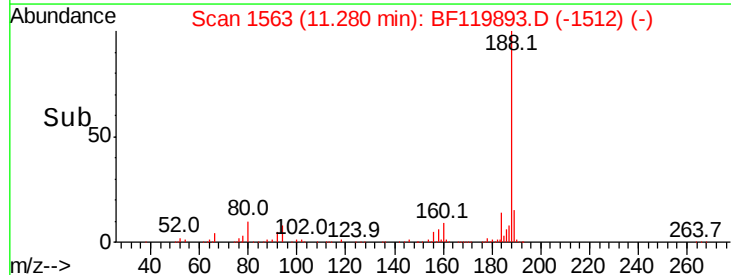
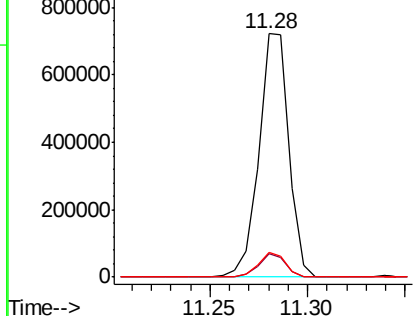
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

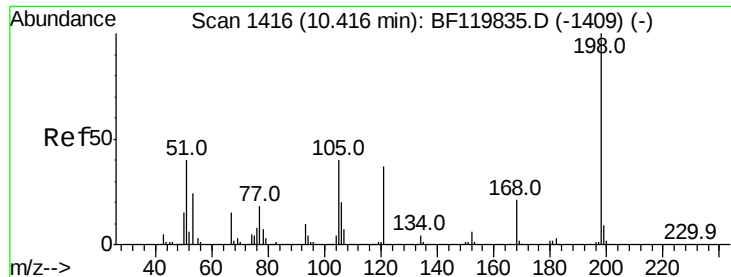
Tgt Ion: 188 Resp: 764381

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	10.2	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.429 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

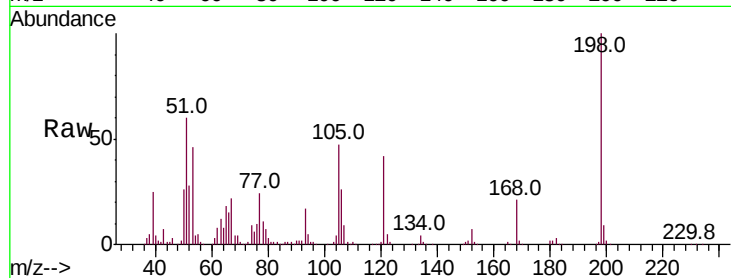
Tot Ion:198 Resp: 213662

Ion Ratio Lower Upper

198 100

51 59.8 25.2 65.2

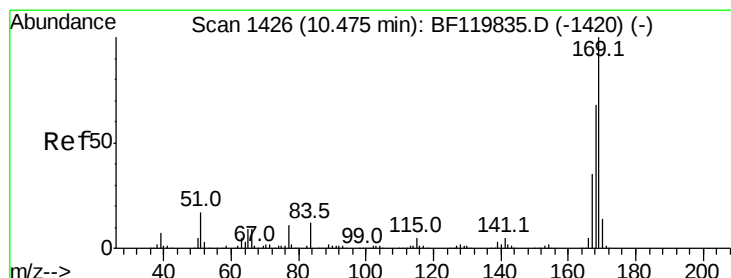
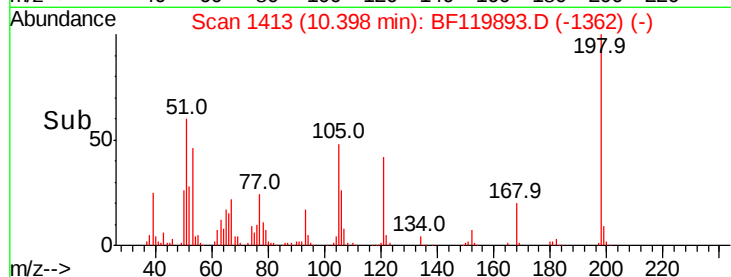
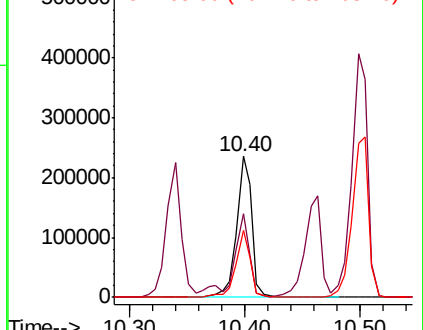
105 47.4 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.562 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

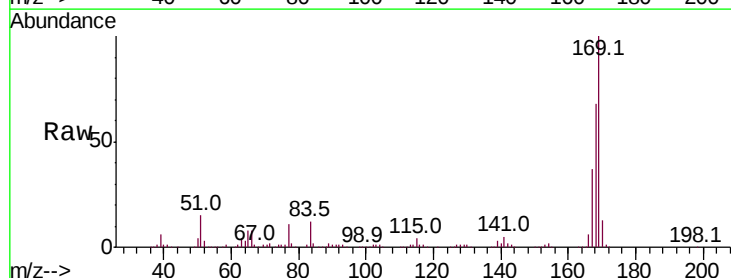
Tgt Ion:169 Resp: 1031138

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

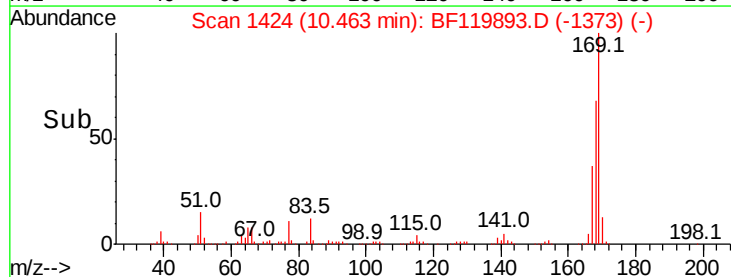
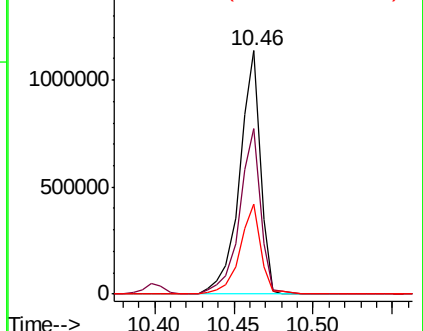
167 36.7 28.3 42.5

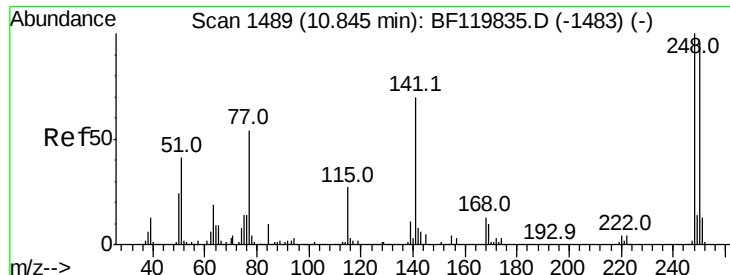


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

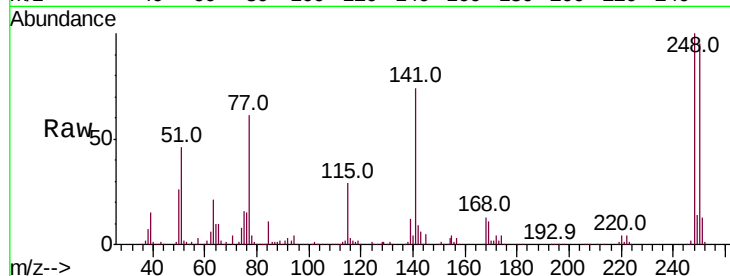




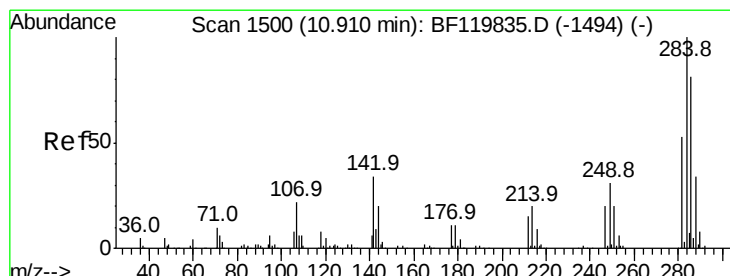
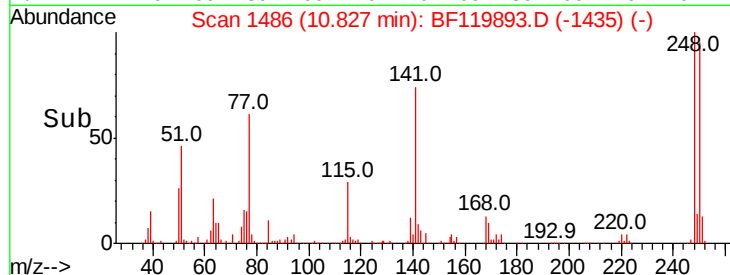
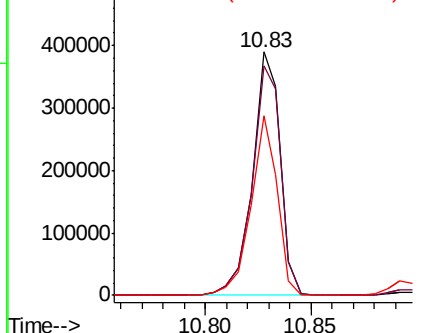
#67
 4-Bromophenyl-phenylether
 Concen: 37.340 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:248 Resp: 354945
 Ion Ratio Lower Upper
 248 100
 250 94.5 76.6 114.8
 141 73.5 55.9 83.9

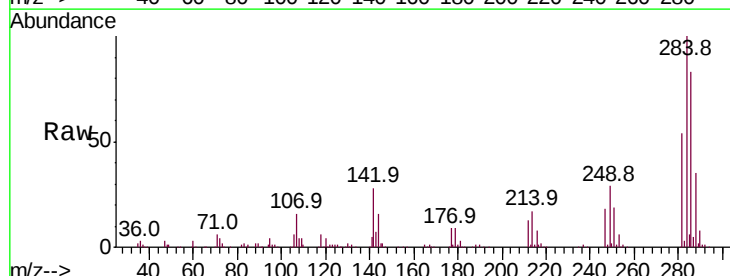


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

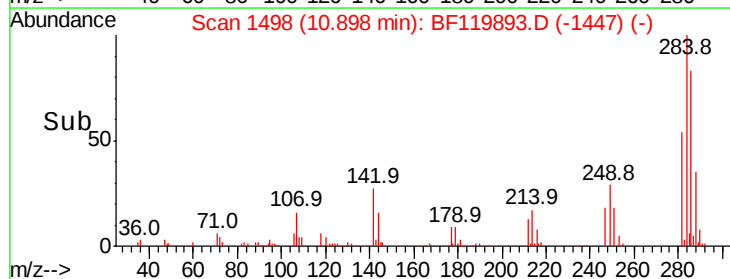
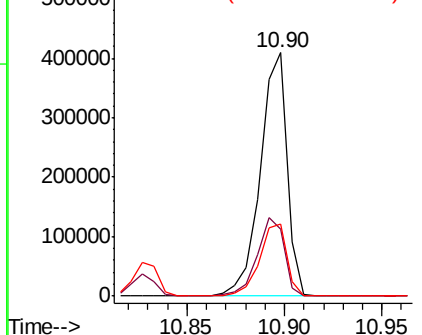


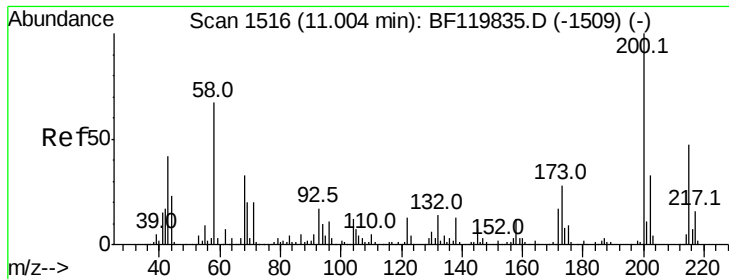
#68
 Hexachlorobenzene
 Concen: 40.289 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:284 Resp: 388523
 Ion Ratio Lower Upper
 284 100
 142 27.7 26.9 40.3
 249 29.4 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

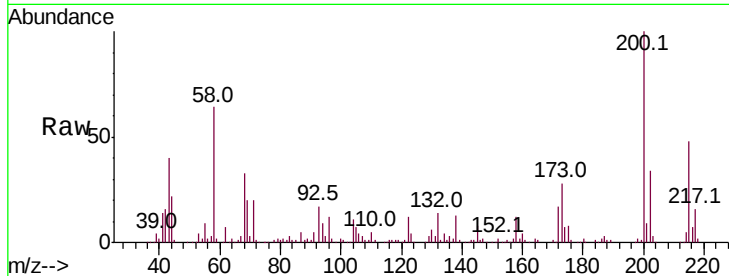




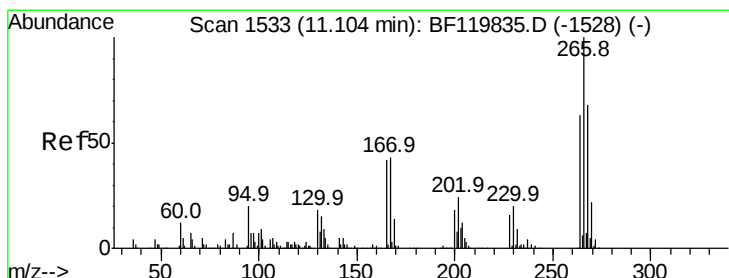
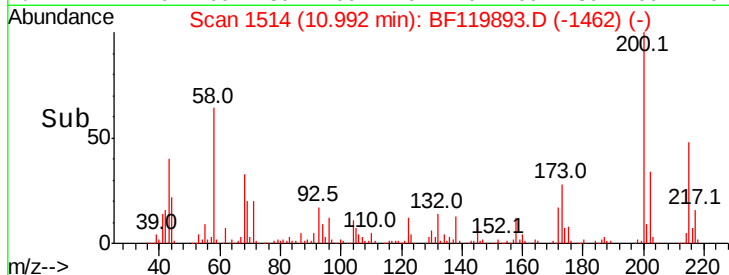
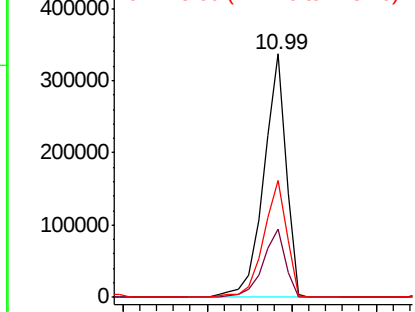
#69
Atrazine
Concen: 43.440 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:200 Resp: 307252
Ion Ratio Lower Upper
200 100
173 28.0 8.0 48.0
215 48.0 27.1 67.1

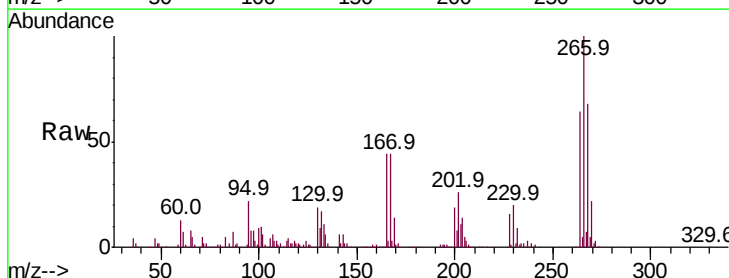


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

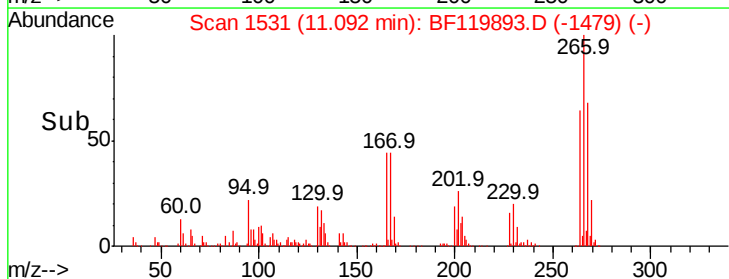
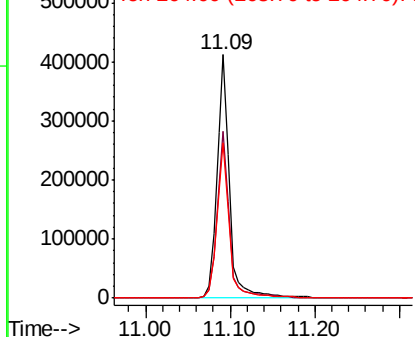


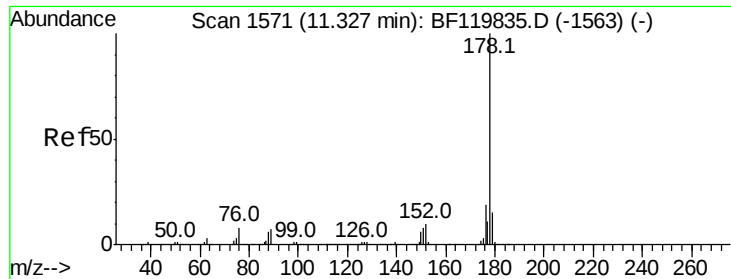
#70
Pentachlorophenol
Concen: 79.205 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:266 Resp: 440160
Ion Ratio Lower Upper
266 100
268 68.4 54.2 81.4
264 63.6 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

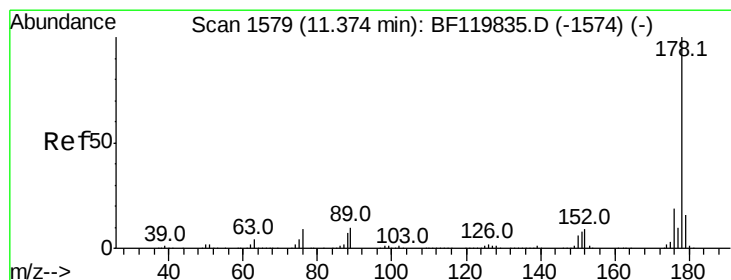
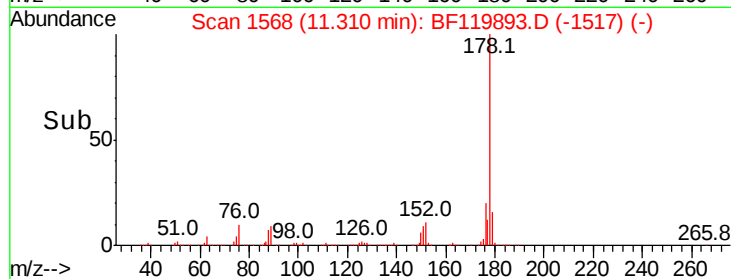
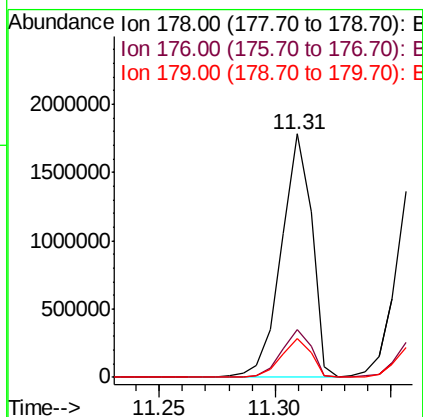
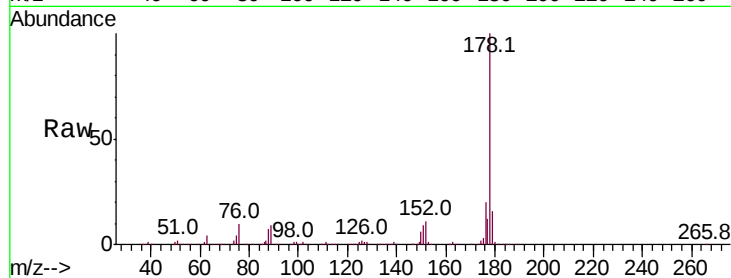




#71
Phenanthrene
Concen: 40.091 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

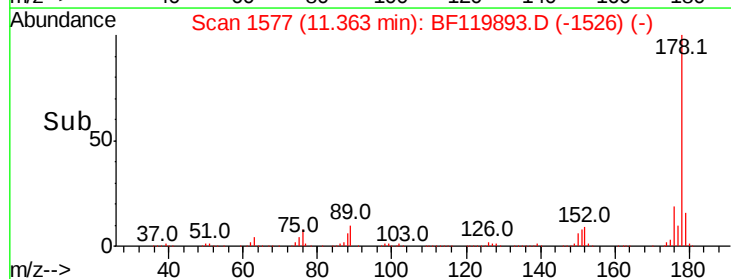
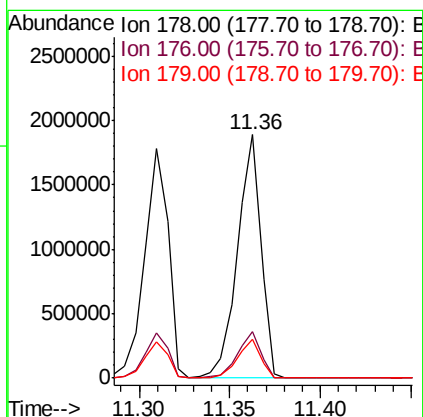
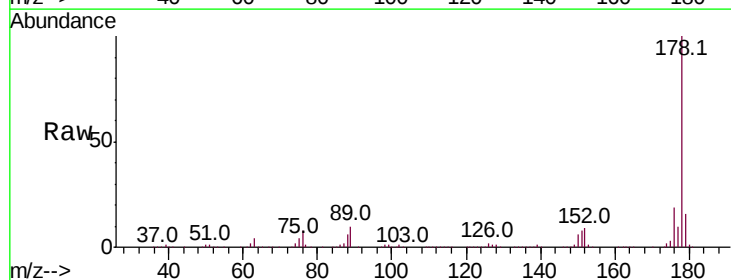
Instrument :
BNA_N
ClientSampleId :
PB128115BS

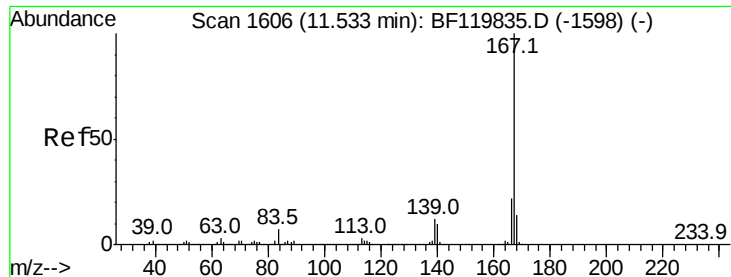
Tot Ion:178 Resp: 1630968
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.9 12.2 18.4



#72
Anthracene
Concen: 41.106 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:178 Resp: 1708282
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.8 19.2

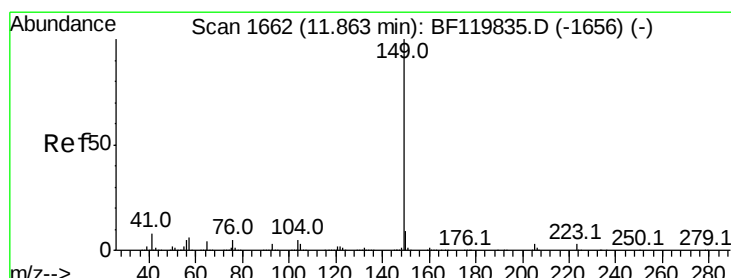
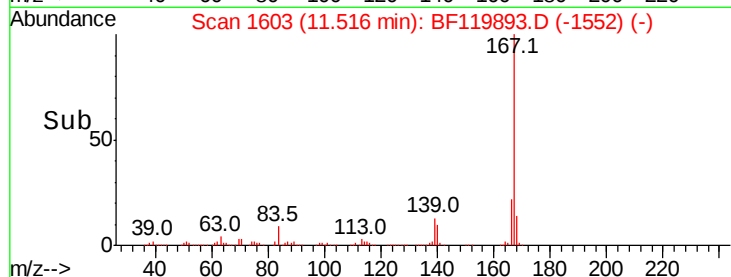
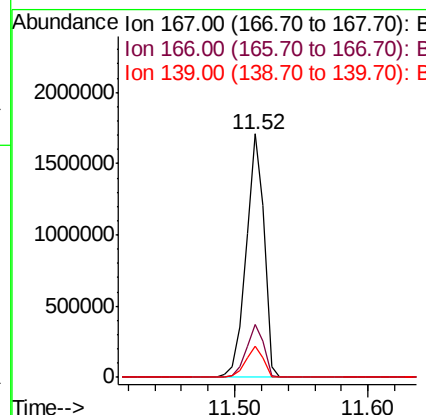
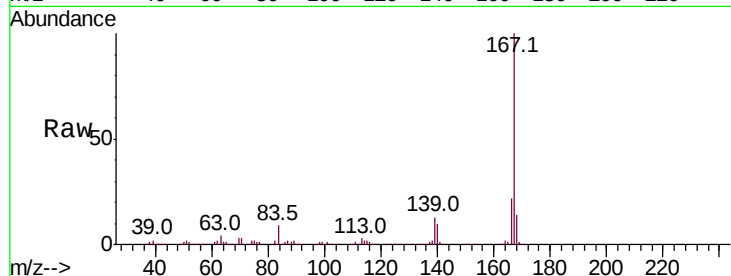




#73
 Carbazole
 Concen: 40.113 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

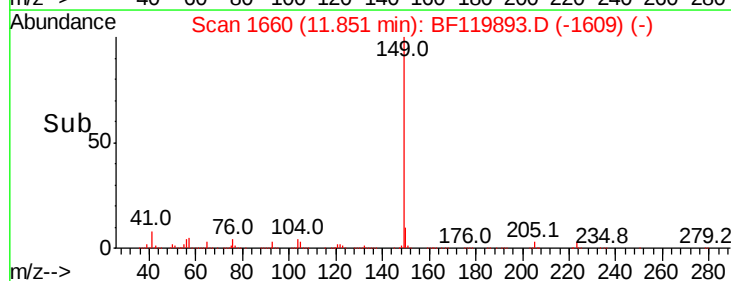
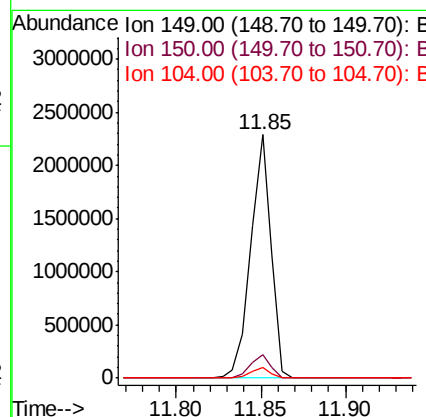
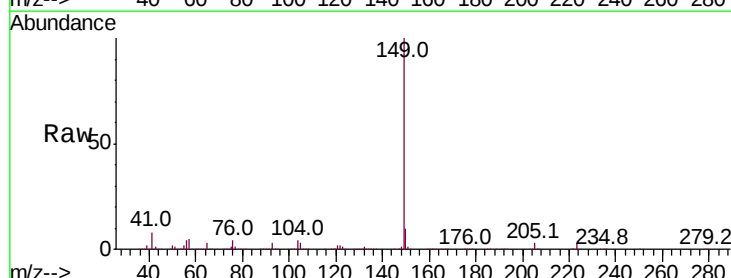
Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

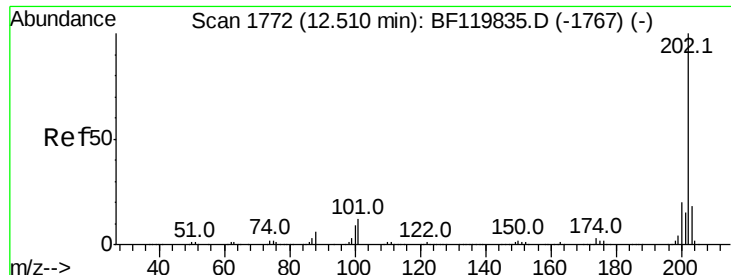
Tot Ion:167 Resp: 1576474
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 37.400 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:149 Resp: 1932258
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.5 3.8 5.6

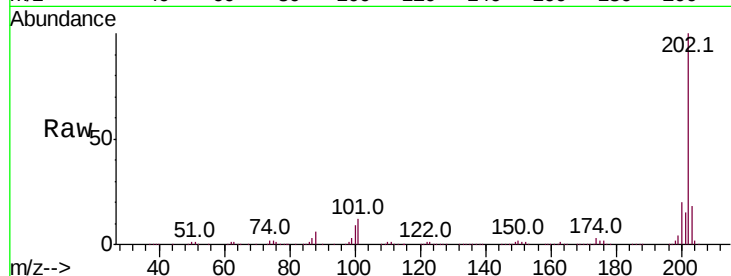




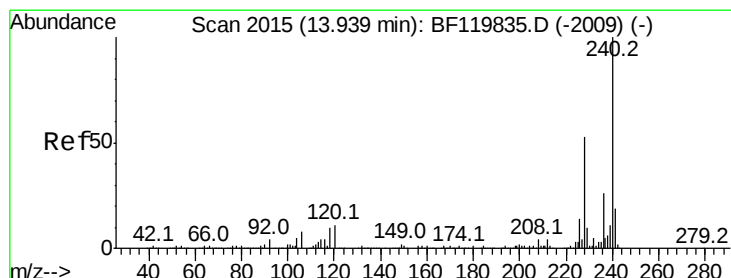
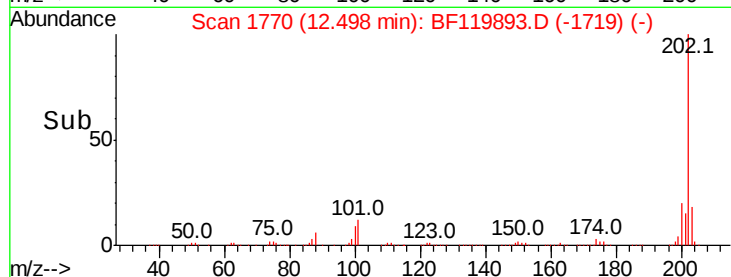
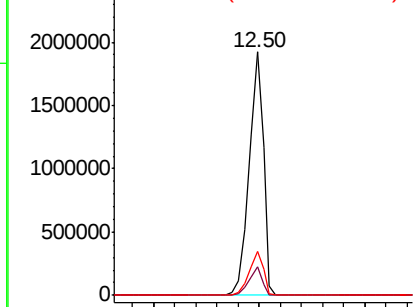
#75
 Fluoranthene
 Concen: 41.113 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BS

Tot Ion:202 Resp: 1804613
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.3
 203 18.1 0.0 37.6

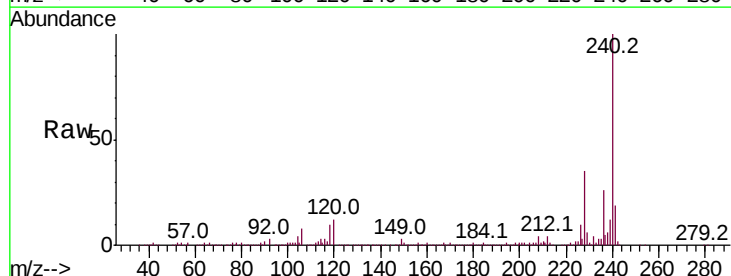


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

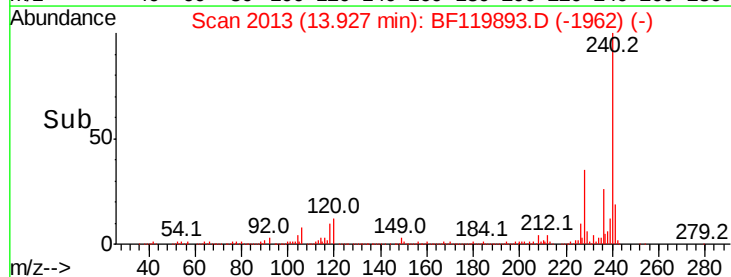
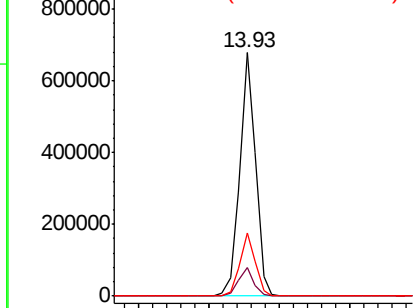


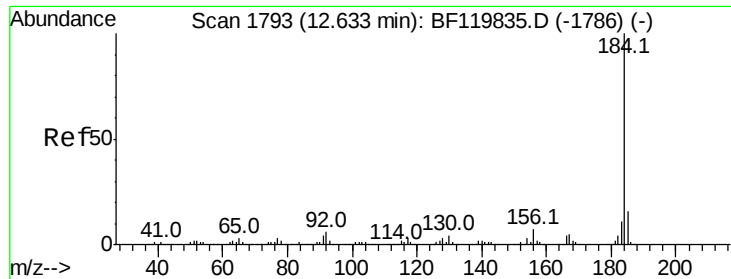
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:240 Resp: 528996
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.0 13.6
 236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.814 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

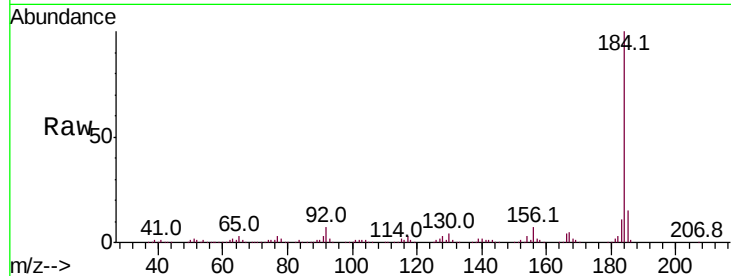
Tot Ion:184 Resp: 676167

Ion Ratio Lower Upper

184 100

185 14.6 13.2 19.8

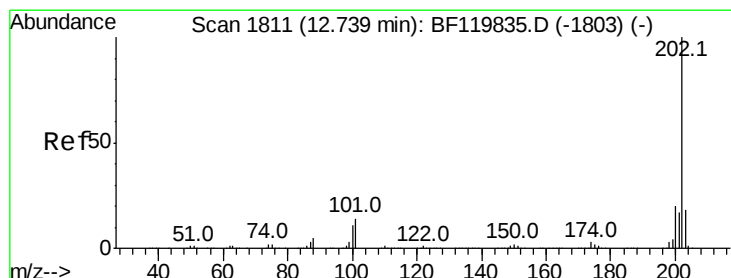
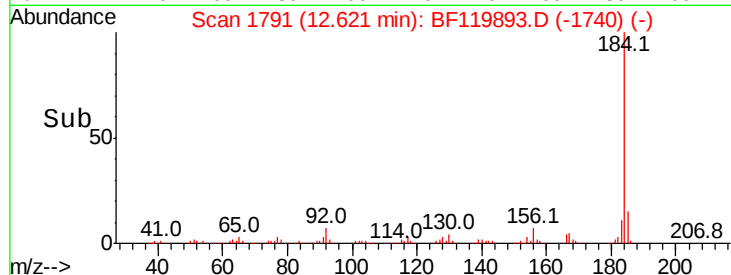
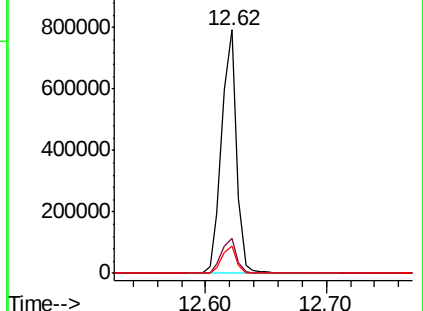
183 11.0 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.316 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

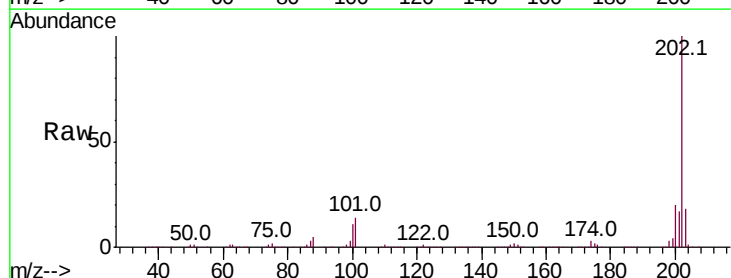
Tgt Ion:202 Resp: 1797916

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

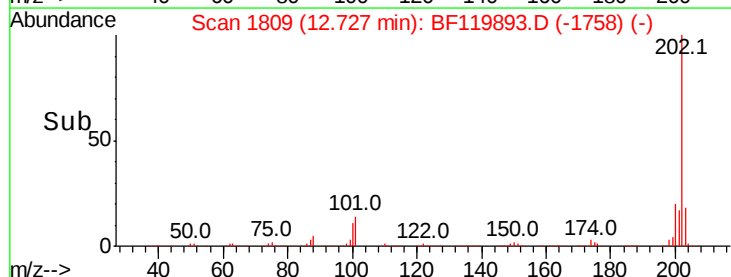
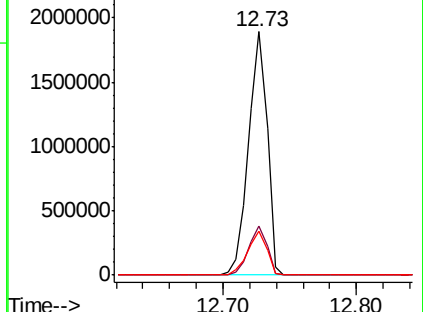
203 17.8 14.1 21.1

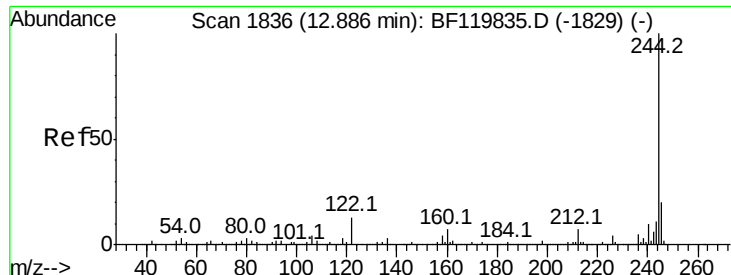


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.050 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_N

ClientSampleId :

PB128115BS

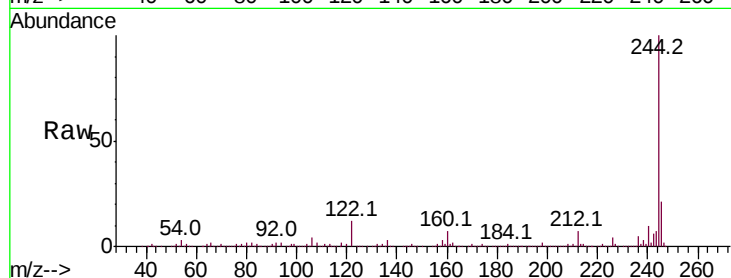
Tot Ion:244 Resp: 2359421

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

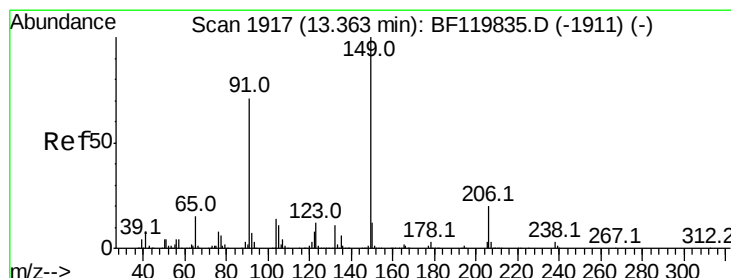
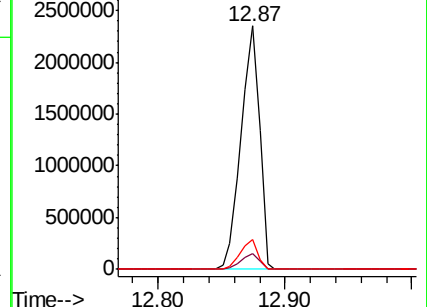
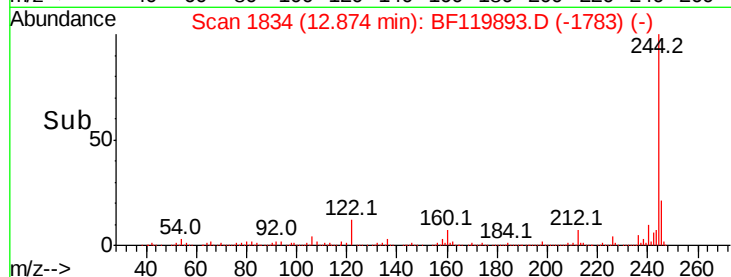
122 12.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.596 ng

RT: 13.35 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

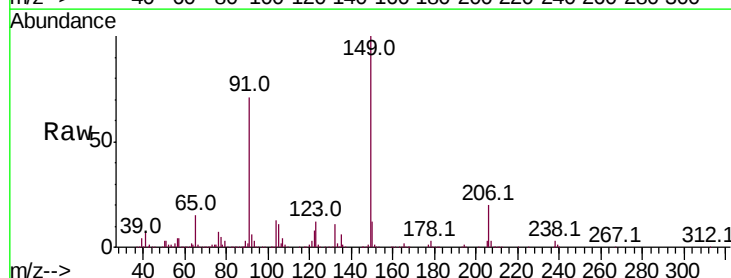
Tgt Ion:149 Resp: 791911

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

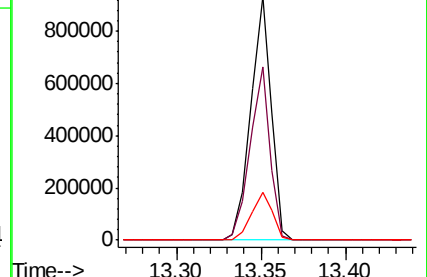
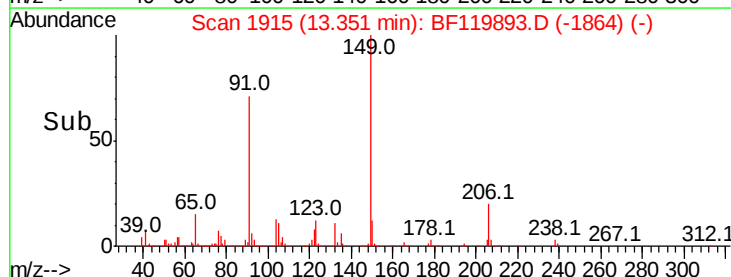
206 19.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.754 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

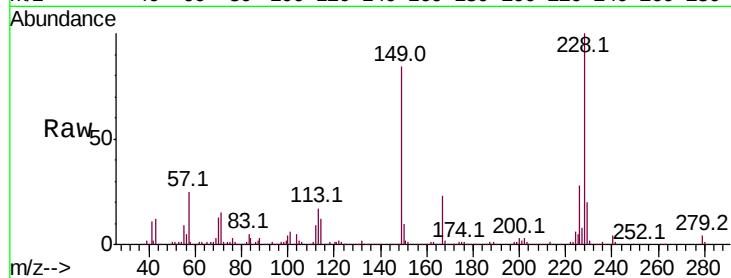
BNA_N

ClientSampleId :

PB128115BS

Tot Ion:228 Resp: 1383480

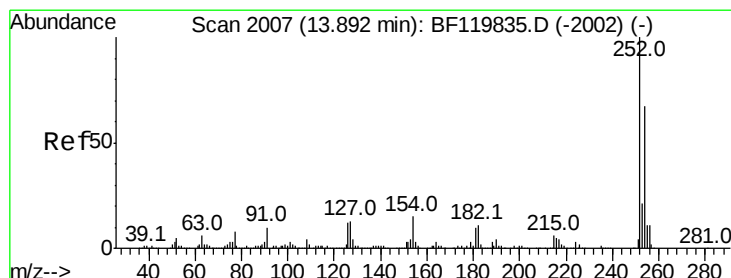
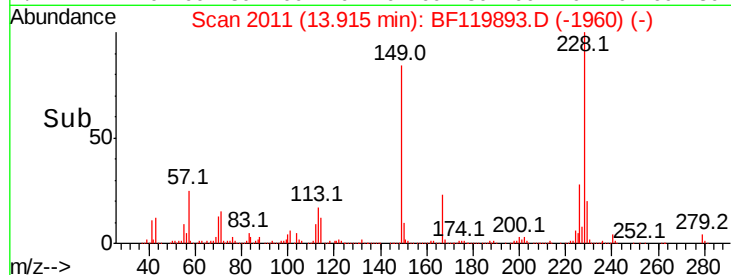
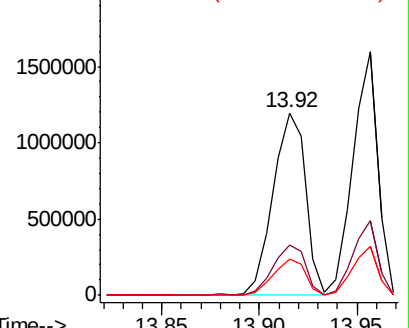
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.8	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.497 ng

RT: 13.88 min Scan# 2005

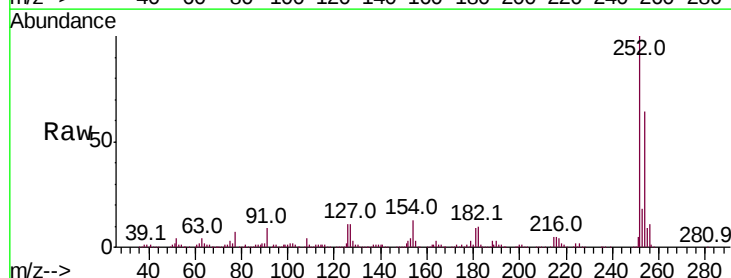
Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:252 Resp: 421974

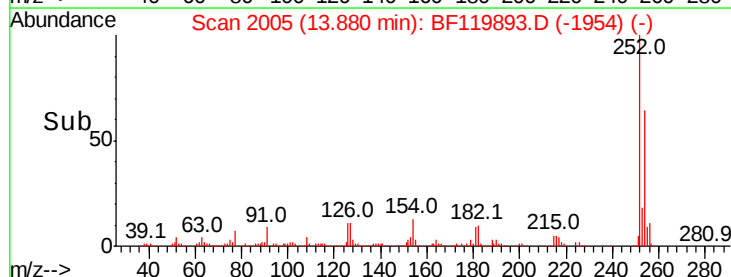
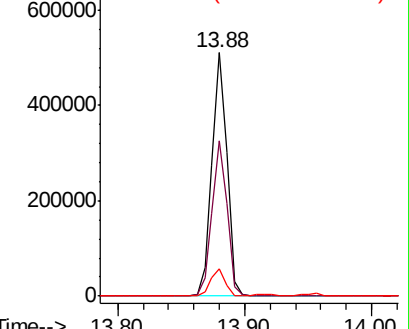
Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.9	80.9
126	11.4	9.7	14.5

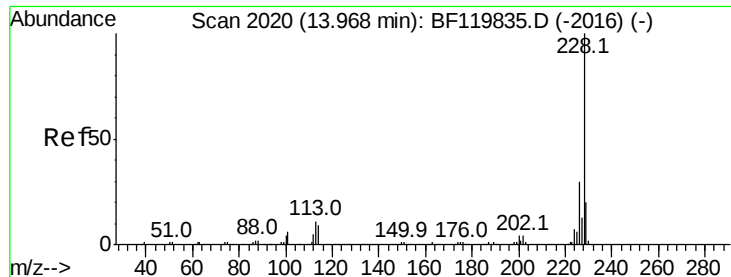


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.214 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

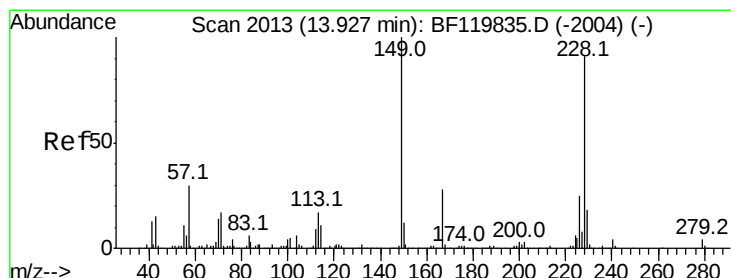
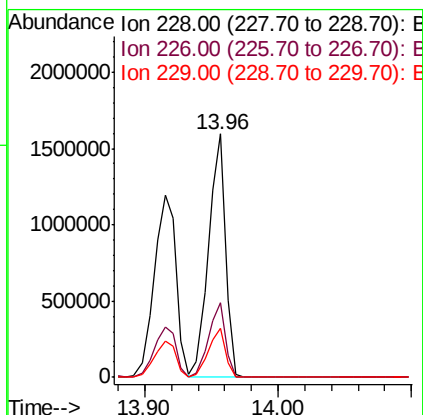
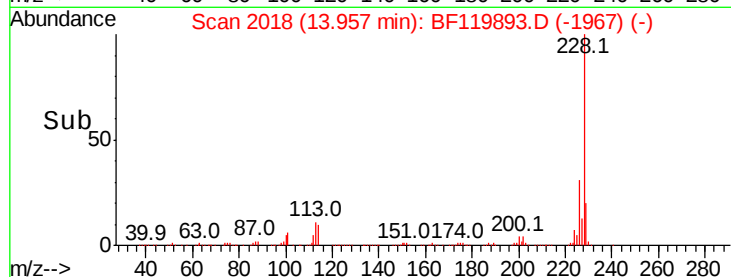
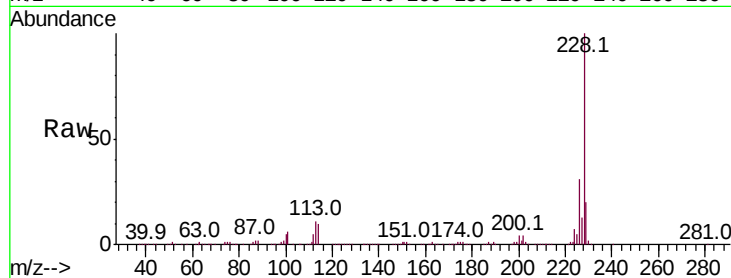
BNA_N

ClientSampleId :

PB128115BS

Tot Ion:228 Resp: 1421980

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.2	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.319 ng

RT: 13.92 min Scan# 2011

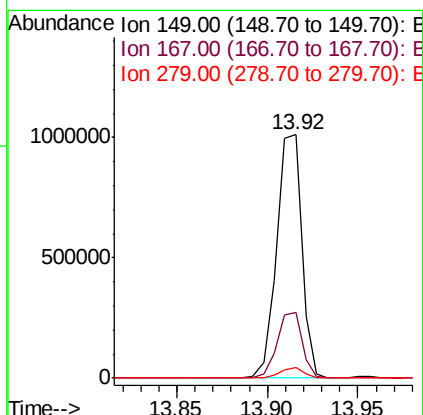
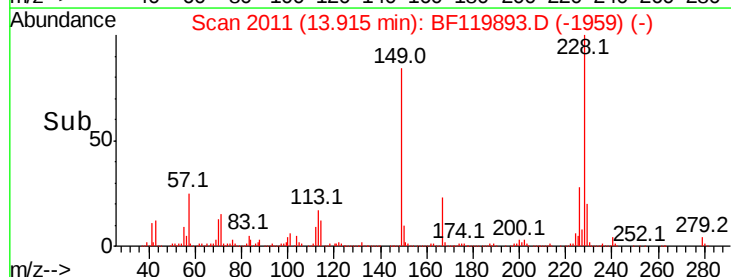
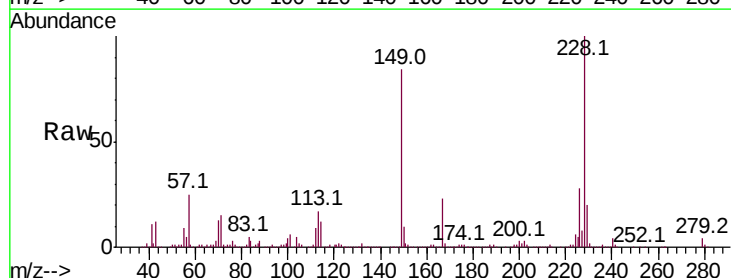
Delta R.T. 0.01 min

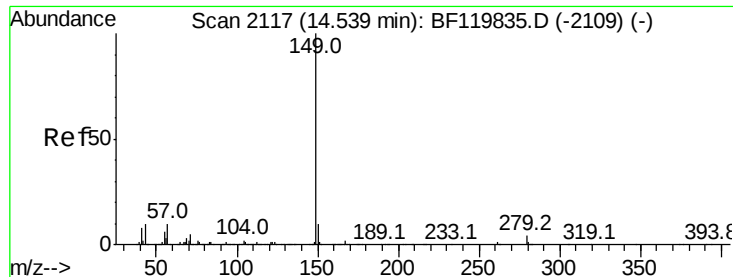
Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:149 Resp: 976379

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 33.926 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

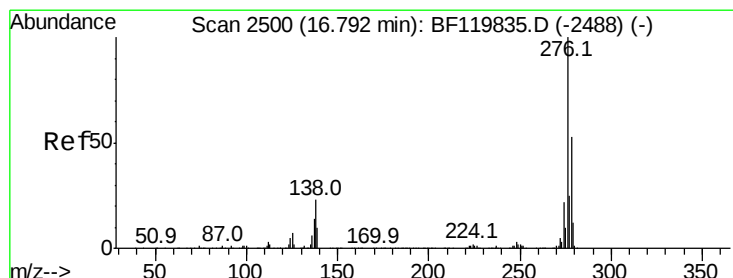
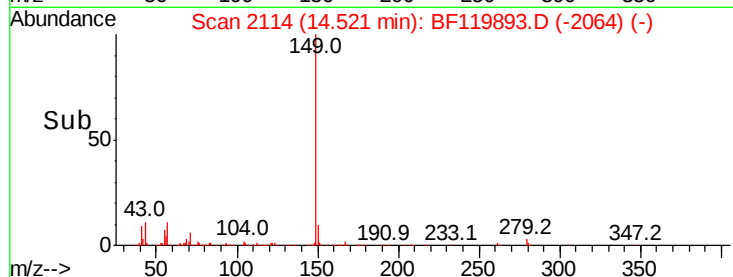
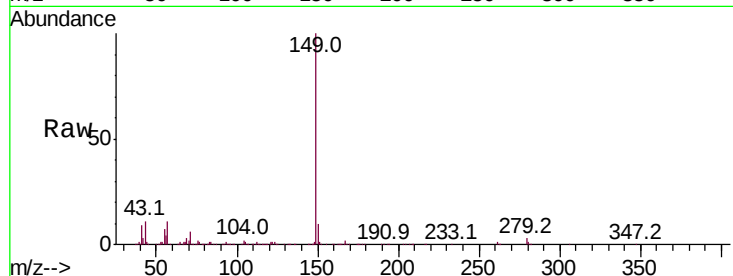
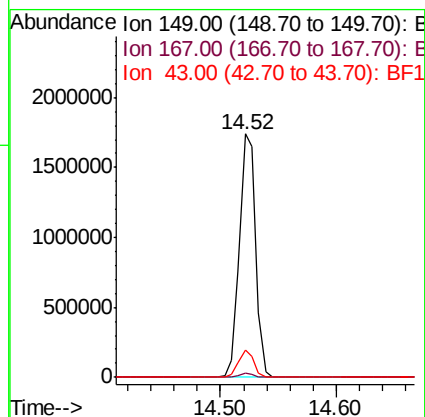
BNA_N

ClientSampleId :

PB128115BS

Tot Ion:149 Resp: 1692735

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	9.2	13.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.326 ng

RT: 16.77 min Scan# 2496

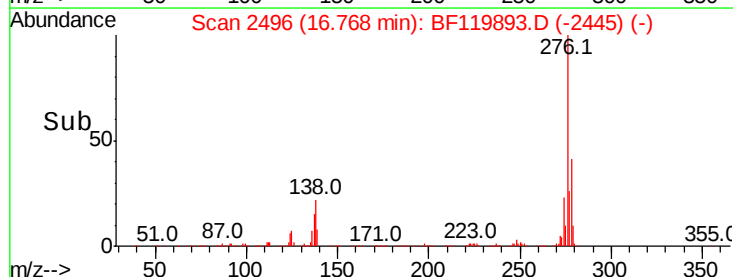
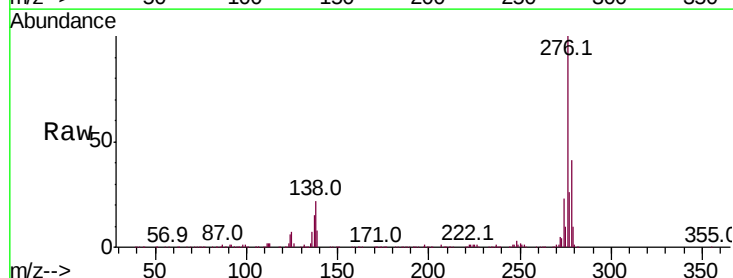
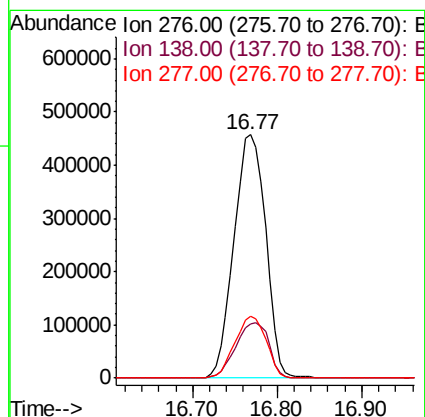
Delta R.T. -0.00 min

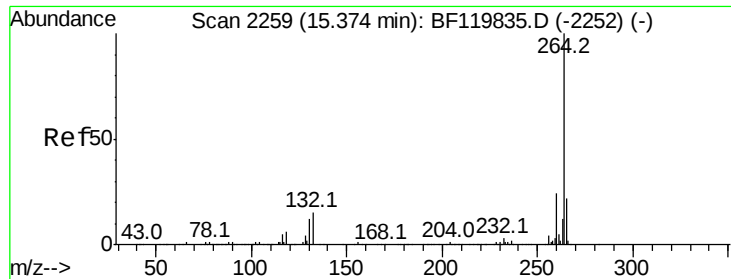
Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:276 Resp: 1194620

Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.0	27.0
277	25.2	20.1	30.1



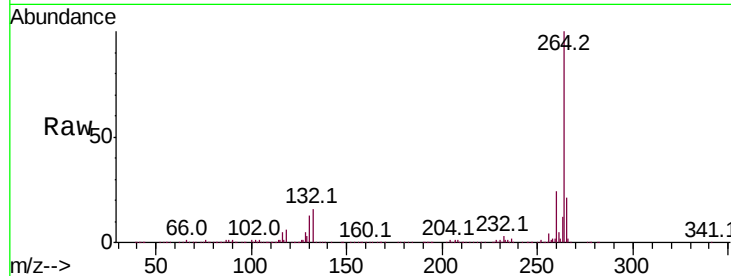


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

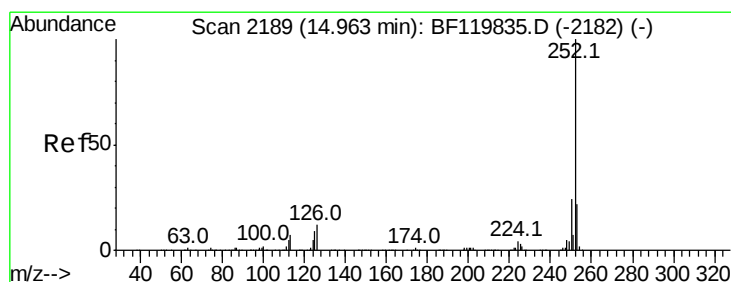
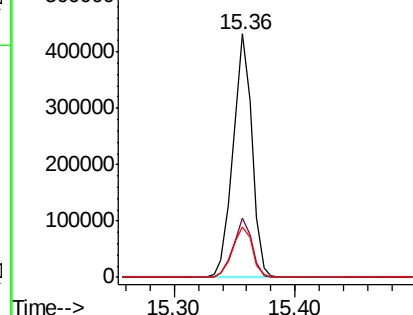
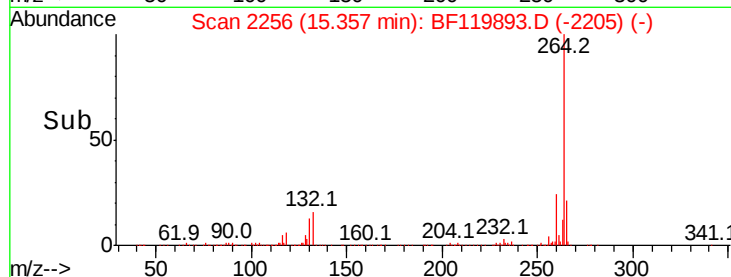
Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:264 Resp: 472046

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	20.6	17.6	26.4



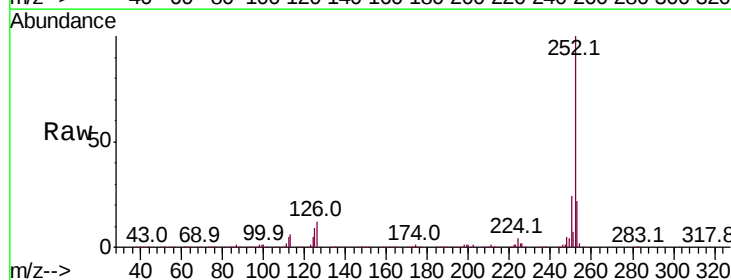
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



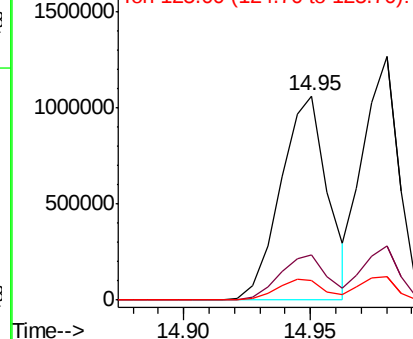
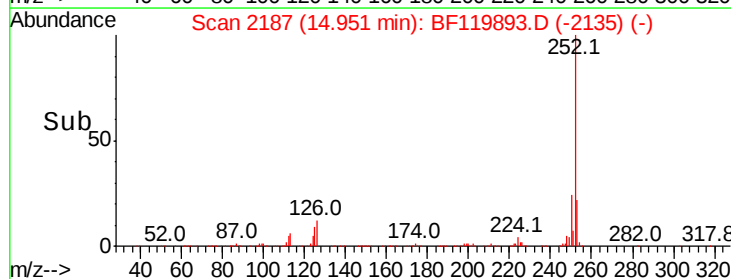
#88
Benzo(b)fluoranthene
Concen: 40.557 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:252 Resp: 1377238

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.4	7.4	11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

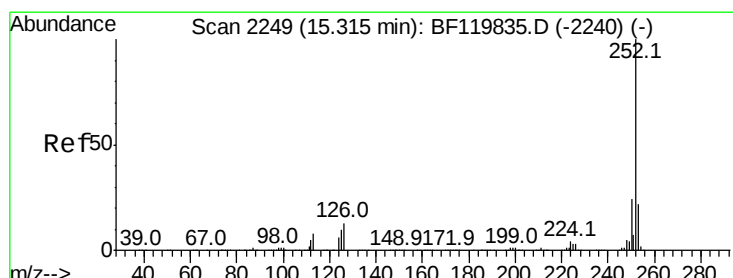
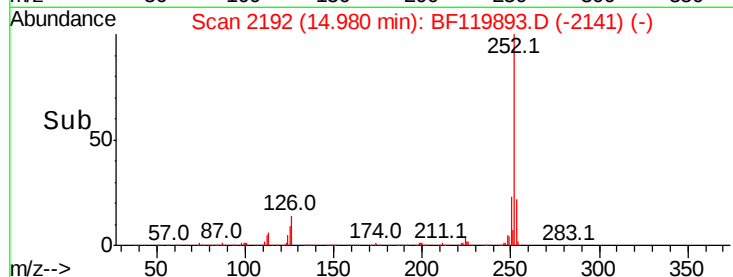
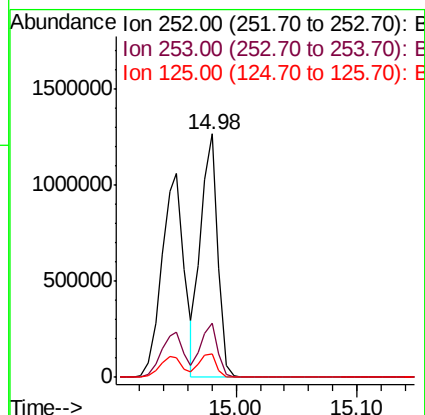
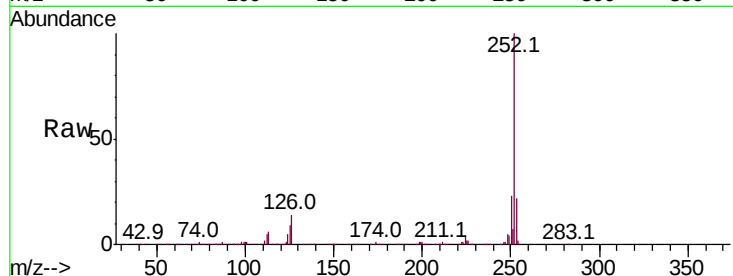




#89
Benzo(k)fluoranthene
Concen: 42.598 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

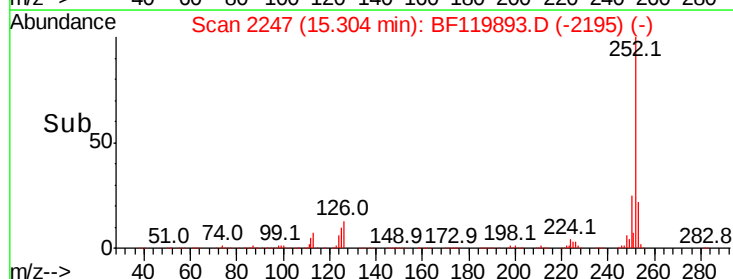
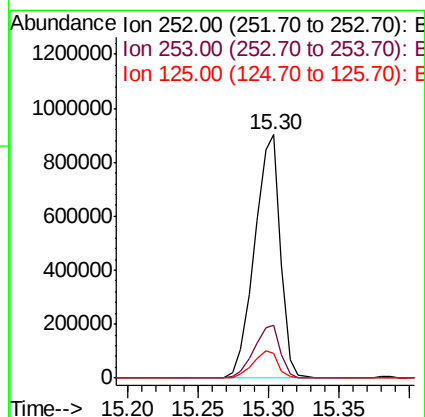
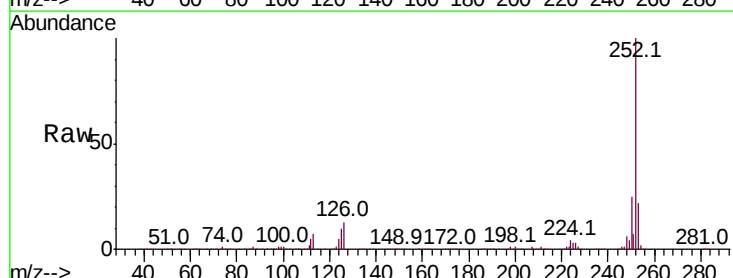
Instrument :
BNA_N
ClientSampleId :
PB128115BS

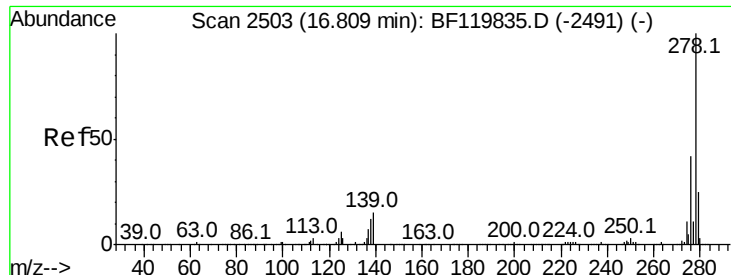
Tot Ion:252 Resp: 1248103
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.654 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:252 Resp: 1160730
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.3 8.3 12.5

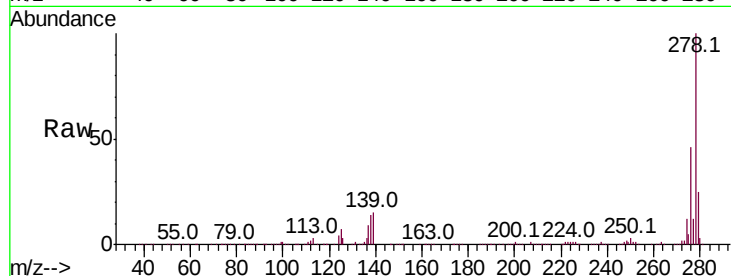




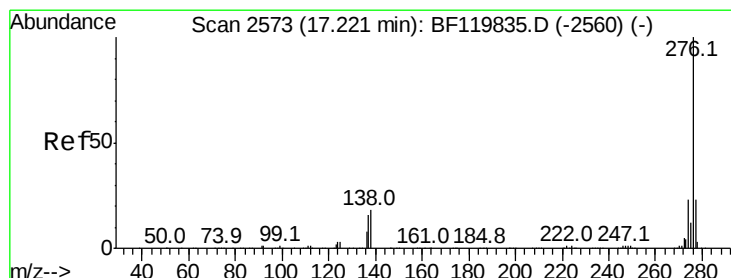
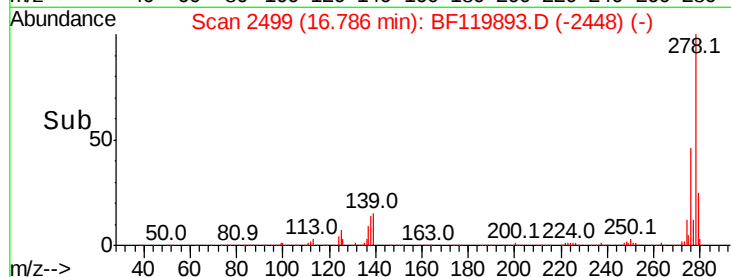
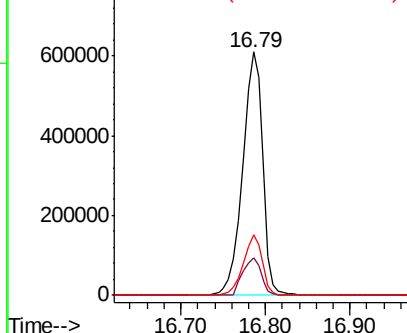
#91
Dibenzo(a,h)anthracene
Concen: 39.305 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_N
ClientSampleId :
PB128115BS

Tot Ion:278 Resp: 994054
Ion Ratio Lower Upper
278 100
139 15.3 11.6 17.4
279 24.8 19.7 29.5

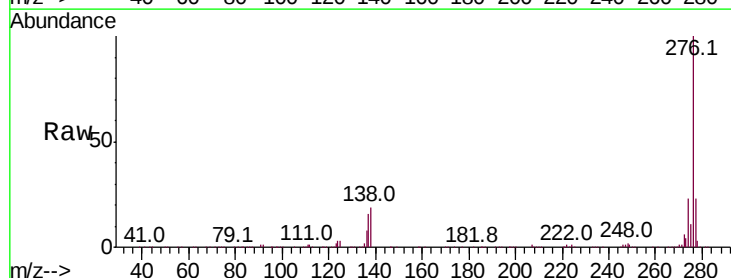


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.027 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:276 Resp: 974299
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 19.1 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

