

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119844.D
 Acq On : 9 Apr 2020 00:44
 Operator : MA/SJ
 Sample : PB128044BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 02:03:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	154479	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	620027	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	341052	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	663032	20.00	ng	0.00
76) Chrysene-d12	13.94	240	482543	20.00	ng	0.00
87) Perylene-d12	15.37	264	476048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1172274	131.14	ng	0.01
7) Phenol-d6	6.40	99	1507342	130.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	943091	78.69	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	508640	121.81	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1959758	81.58	ng	0.00
79) Terphenyl-d14	12.89	244	2354073	82.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	146768	36.864	ng	99
3) Pyridine	3.25	79	400267	36.643	ng	96
4) n-Nitrosodimethylamine	3.20	42	248082	44.450	ng	95
6) Aniline	6.43	93	506814	33.525	ng	97
8) 2-Chlorophenol	6.55	128	472480	47.307	ng	96
9) Benzaldehyde	6.32	77	217032	32.297	ng	97
10) Phenol	6.42	94	603275	46.167	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	443470	43.954	ng	98
12) 1,3-Dichlorobenzene	6.71	146	474398	43.386	ng	97
13) 1,4-Dichlorobenzene	6.79	146	478616	42.970	ng	98
14) 1,2-Dichlorobenzene	6.94	146	460979	44.908	ng	96
15) Benzyl Alcohol	6.92	79	354795	39.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	828702	42.209	ng	99
17) 2-Methylphenol	7.03	107	386637	43.379	ng	96
18) Hexachloroethane	7.28	117	180629	43.392	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	330735	44.653	ng	99
20) 3+4-Methylphenols	7.18	107	482174	44.232	ng	93
22) Acetophenone	7.18	105	635373	43.761	ng	98
24) Nitrobenzene	7.35	77	493821	40.959	ng	99
25) Isophorone	7.59	82	933196	40.392	ng	99
26) 2-Nitrophenol	7.67	139	258347	42.890	ng	97
27) 2,4-Dimethylphenol	7.71	122	416332	45.829	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	602186	44.294	ng	99
29) 2,4-Dichlorophenol	7.91	162	414066	44.467	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	437039	41.422	ng	98
31) Naphthalene	8.07	128	1371662	42.048	ng	99
32) Benzoic acid	7.84	122	343527	43.057	ng	97
33) 4-Chloroaniline	8.12	127	342374	24.108	ng	99
34) Hexachlorobutadiene	8.19	225	245301	38.839	ng	99
35) Caprolactam	8.45	113	5033	1.767	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	459168	45.545	ng	96
37) 2-Methylnaphthalene	8.77	142	951764	43.034	ng	98
38) 1-Methylnaphthalene	8.87	142	937628	44.980	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	440498	40.893	ng	98

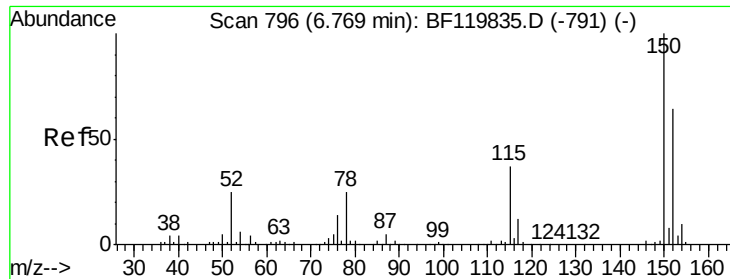
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119844.D
 Acq On : 9 Apr 2020 00:44
 Operator : MA/SJ
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 ClientSampleId :

Quant Time: Apr 09 02:03:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	538468	87.909	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	312424	42.001	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	346457	41.354	nq	93
46) 1,1'-Biphenyl	9.23	154	1155750	40.149	nq	98
47) 2-Chloronaphthalene	9.26	162	910474	41.057	nq	97
48) 2-Nitroaniline	9.36	65	337625	42.013	nq	98
49) Acenaphthylene	9.67	152	1479221	43.861	nq	99
50) Dimethylphthalate	9.54	163	1134652	43.012	nq	99
51) 2,6-Dinitrotoluene	9.60	165	253455	43.875	nq	97
52) Acenaphthene	9.85	154	912009	40.539	nq	100
53) 3-Nitroaniline	9.77	138	185652	28.139	nq	92
54) 2,4-Dinitrophenol	9.87	184	320974	92.806	nq	# 89
55) Dibenzofuran	10.02	168	1299074	42.080	nq	99
56) 4-Nitrophenol	9.94	139	432797	88.165	nq	94
57) 2,4-Dinitrotoluene	10.00	165	340155	44.693	nq	96
58) Fluorene	10.36	166	1042819	42.238	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	299598	46.757	nq	100
60) Diethylphthalate	10.24	149	1224487	44.786	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	500750	39.572	nq	100
62) 4-Nitroaniline	10.39	138	289336	46.017	nq	97
63) Azobenzene	10.52	77	1169137	47.715	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	212467	48.640	nq	90
66) n-Nitrosodiphenylamine	10.47	169	1029474	46.687	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	336414	40.800	nq	99
68) Hexachlorobenzene	10.91	284	359336	42.959	nq	99
69) Atrazine	11.00	200	318259	51.875	nq	99
70) Pentachlorophenol	11.10	266	420704	87.276	nq	98
71) Phenanthrene	11.33	178	1530094	43.361	nq	99
72) Anthracene	11.37	178	1600014	44.386	nq	99
73) Carbazole	11.53	167	1440714	42.263	nq	99
74) Di-n-butylphthalate	11.87	149	1912068	42.667	nq	99
75) Fluoranthene	12.52	202	1695651	44.535	nq	96
77) Benzidine	12.63	184	673373	41.283	nq	97
78) Pyrene	12.74	202	1672869	41.123	nq	100
80) Butylbenzylphthalate	13.36	149	794356	40.243	nq	100
81) Benzo(a)anthracene	13.93	228	1346036	42.402	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	388714	32.818	nq	97
83) Chrysene	13.97	228	1376700	42.681	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1080874	40.436	nq	100
85) Di-n-octyl phthalate	14.54	149	1924542	42.285	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1237845	43.536	nq	99
88) Benzo(b)fluoranthene	14.97	252	1549139	45.236	nq	99
89) Benzo(k)fluoranthene	15.00	252	1349981	45.688	nq	100
90) Benzo(a)pyrene	15.32	252	1219813	42.364	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	1030474	40.402	nq	98
92) Benzo(g,h,i)perylene	17.23	276	986314	39.176	nq	100

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

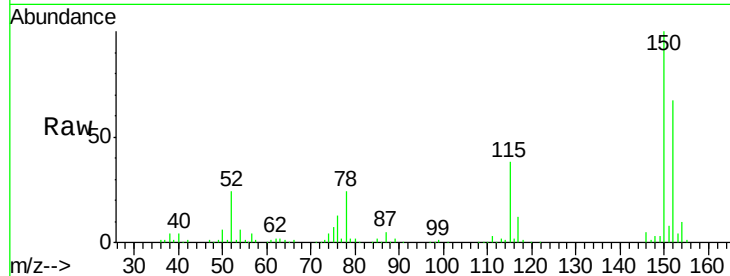


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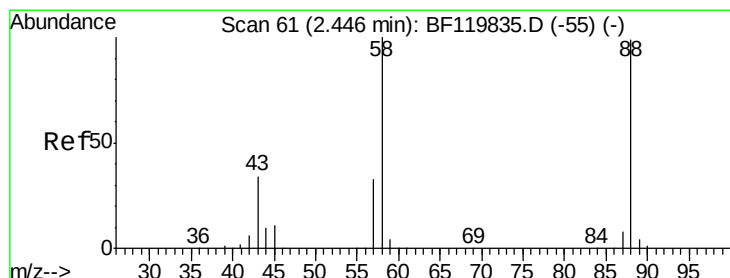
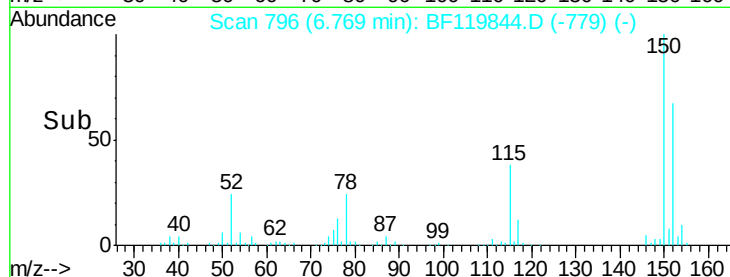
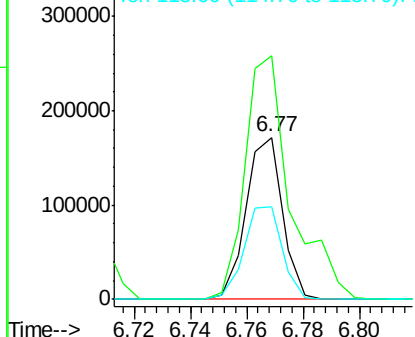
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154479
Ion Ratio Lower Upper
152 100
150 150.0 124.8 187.2
115 57.1 46.5 69.7



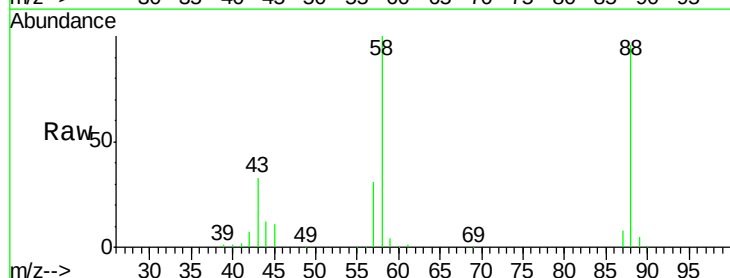
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



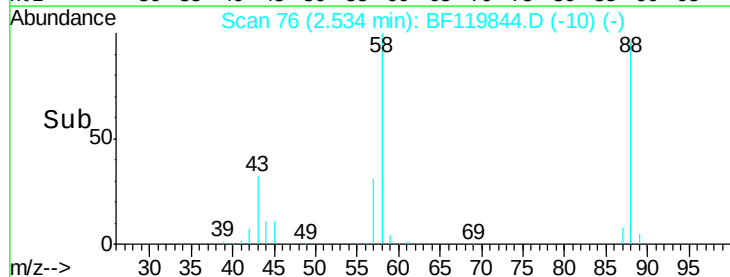
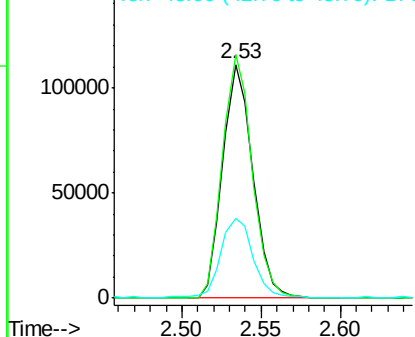
#2

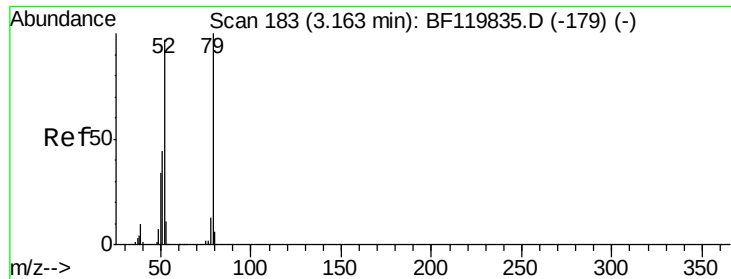
1,4-Dioxane
Concen: 36.864 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.09 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion: 88 Resp: 146768
Ion Ratio Lower Upper
88 100
58 103.1 82.6 123.8
43 37.2 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: 36.643 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.08 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

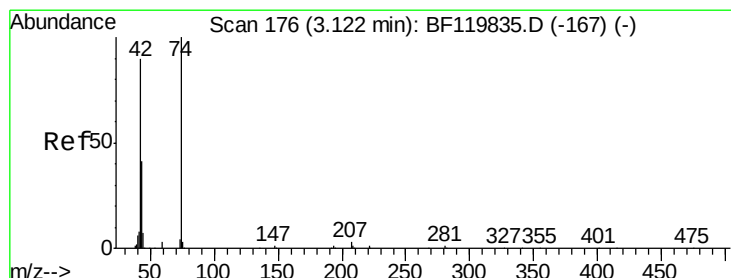
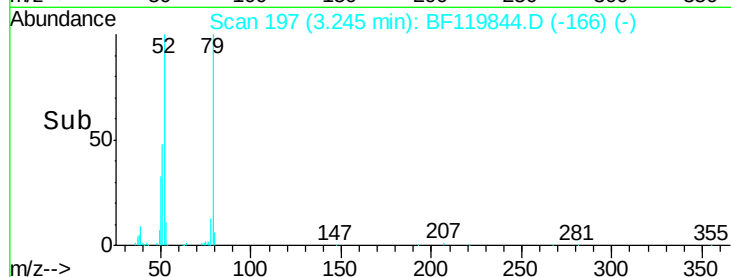
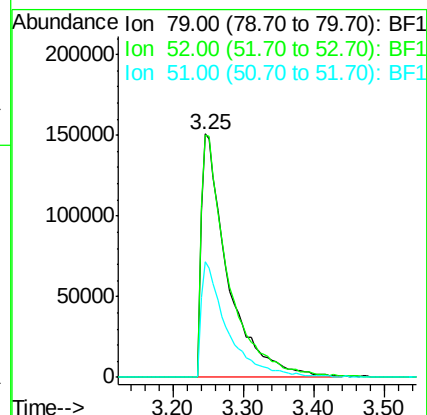
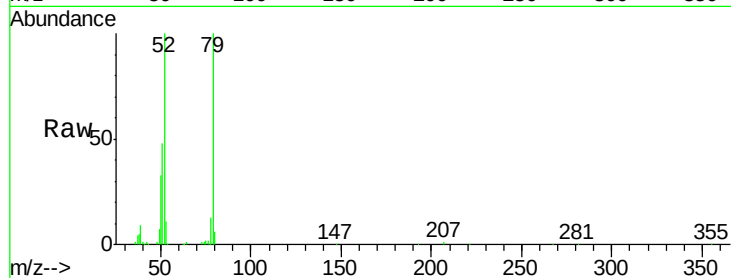
Tot Ion: 79 Resp: 400267

Ion Ratio Lower Upper

79 100

52 99.7 77.4 116.0

51 47.5 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 44.450 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.08 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

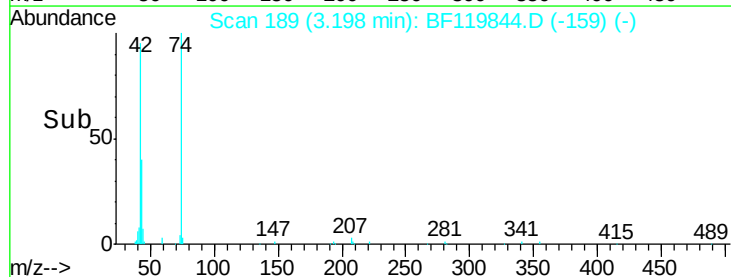
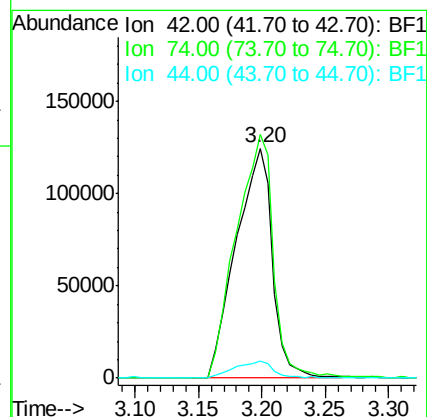
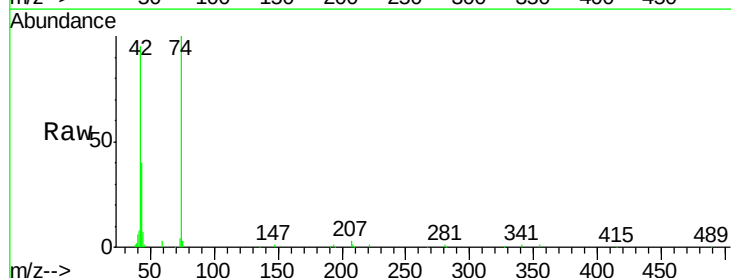
Tgt Ion: 42 Resp: 248082

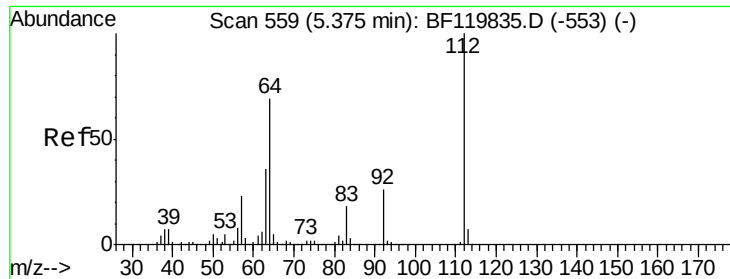
Ion Ratio Lower Upper

42 100

74 105.8 89.0 133.4

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 131.144 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

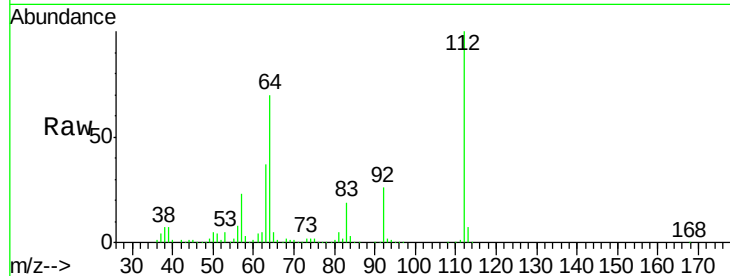
Tot Ion:112 Resp: 1172274

Ion Ratio Lower Upper

112 100

64 70.2 55.5 83.3

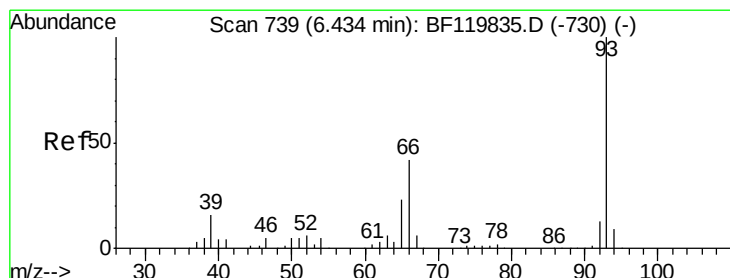
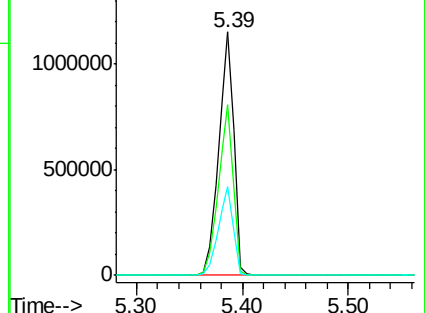
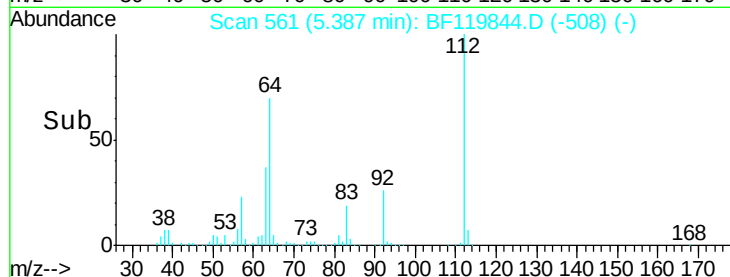
63 36.7 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.525 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

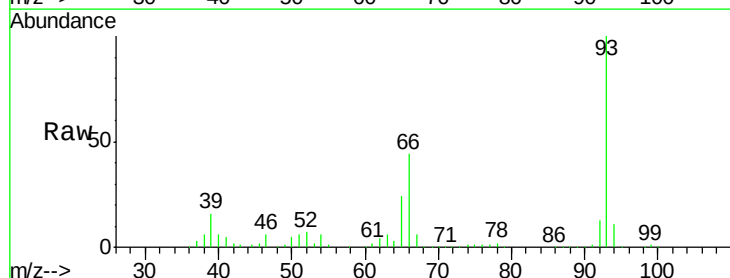
Tgt Ion: 93 Resp: 506814

Ion Ratio Lower Upper

93 100

66 44.2 34.2 51.2

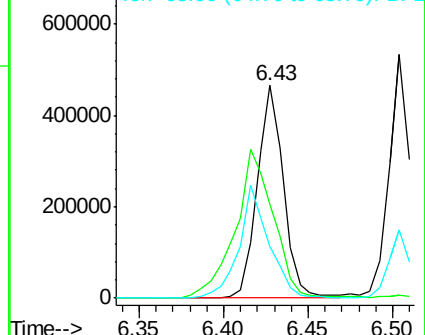
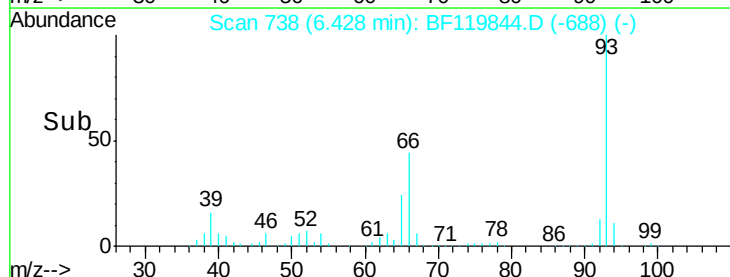
65 24.4 18.3 27.5

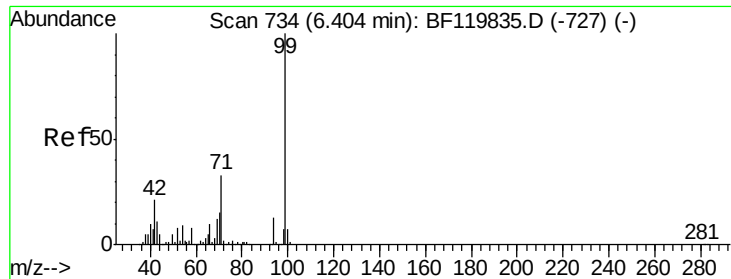


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.867 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampled :

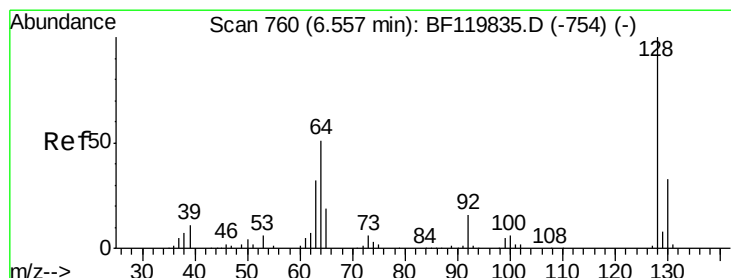
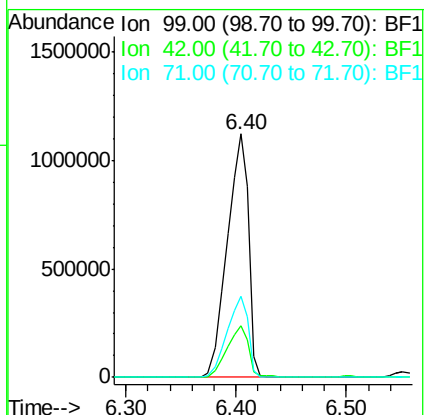
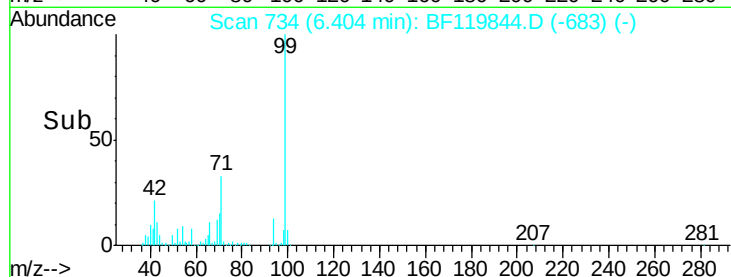
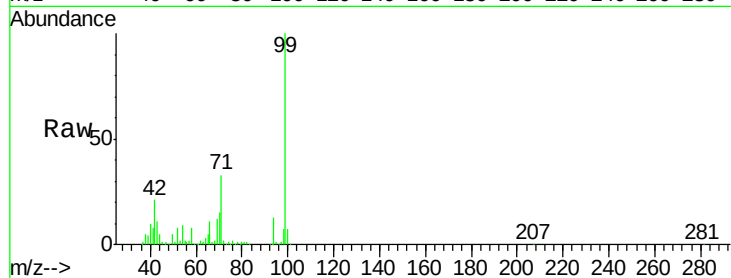
Tot Ion: 99 Resp: 1507342

Ion Ratio Lower Upper

99 100

42 21.3 16.9 25.3

71 33.5 26.3 39.5



#8

2-Chlorophenol

Concen: 47.307 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

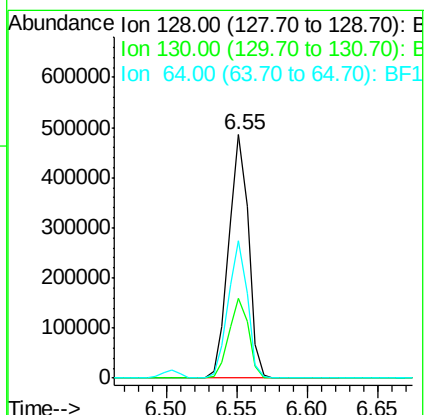
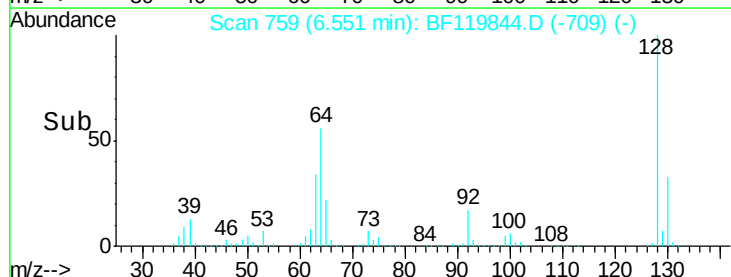
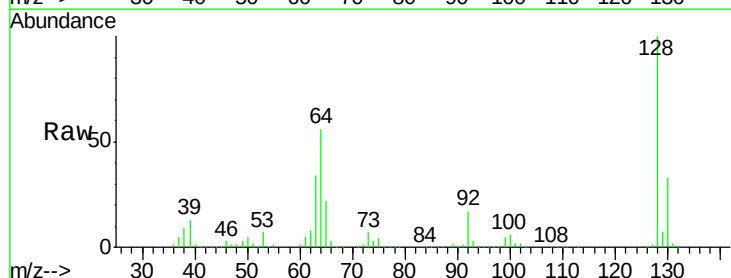
Tgt Ion: 128 Resp: 472480

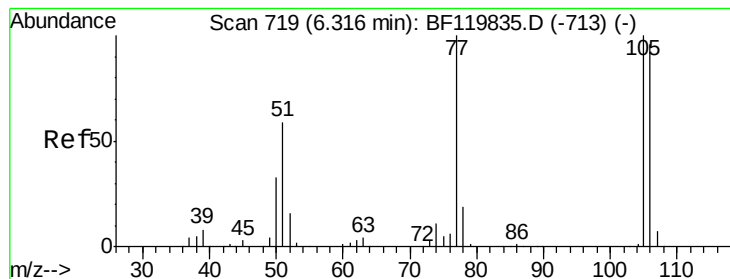
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 56.5 32.0 72.0





#9

Benzaldehyde

Concen: 32.297 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

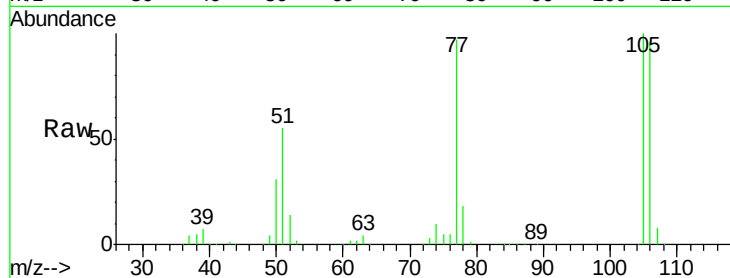
Tot Ion: 77 Resp: 217032

Ion Ratio Lower Upper

77 100

105 103.1 79.9 119.9

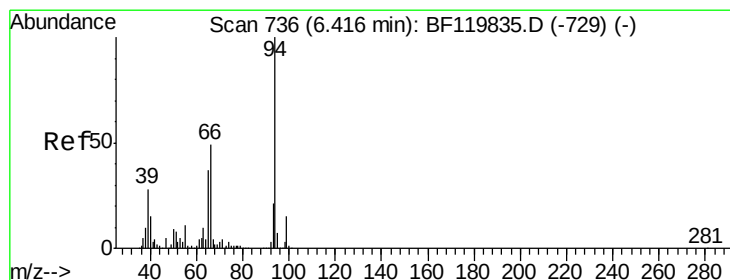
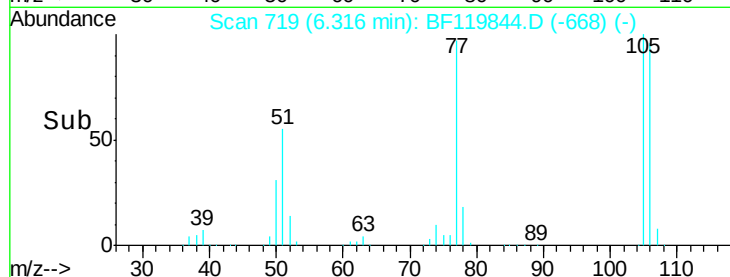
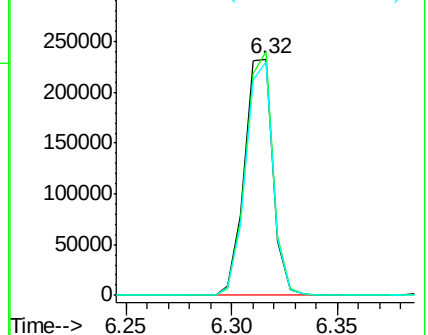
106 98.8 76.4 116.4



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: 46.167 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

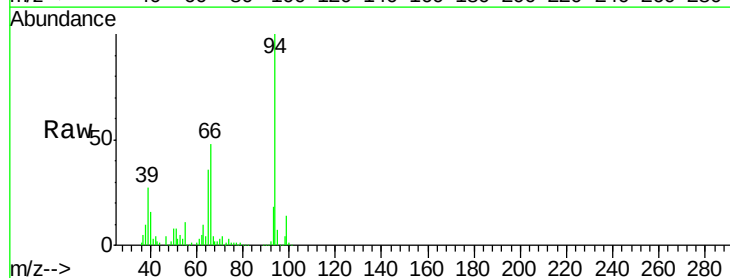
Tgt Ion: 94 Resp: 603275

Ion Ratio Lower Upper

94 100

65 36.0 16.6 56.6

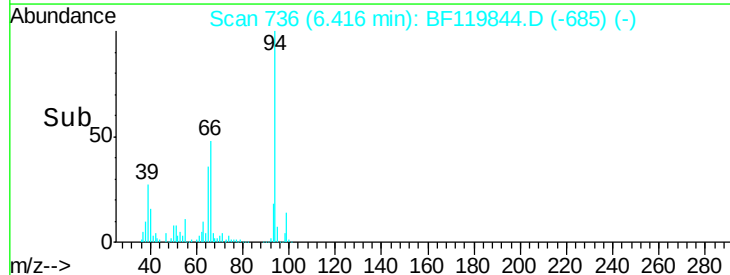
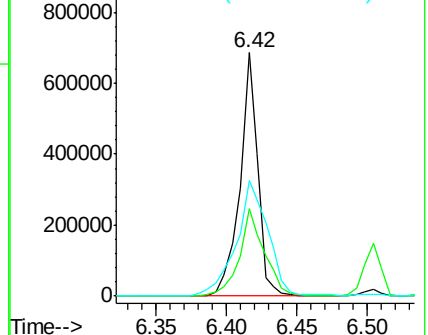
66 47.6 29.3 69.3

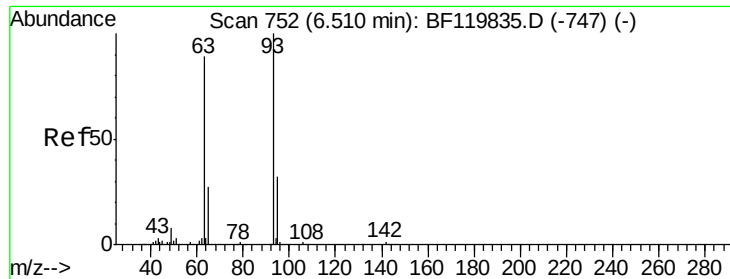


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

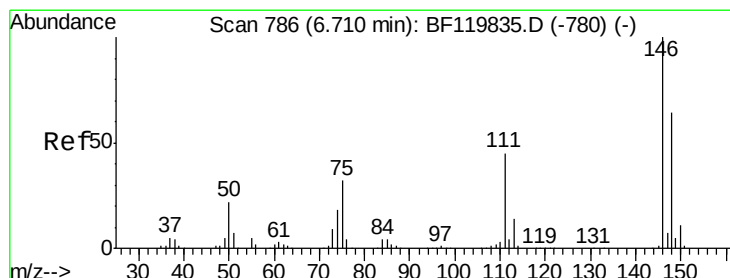
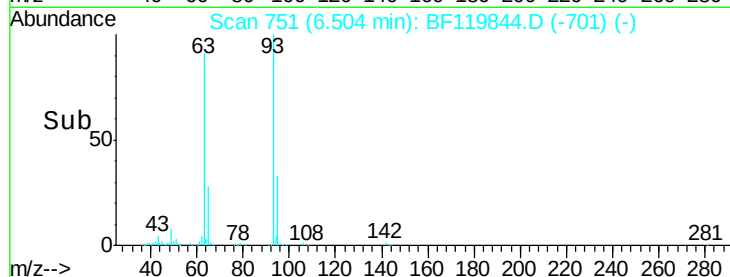
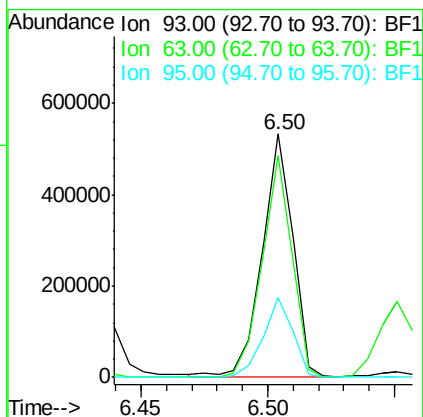
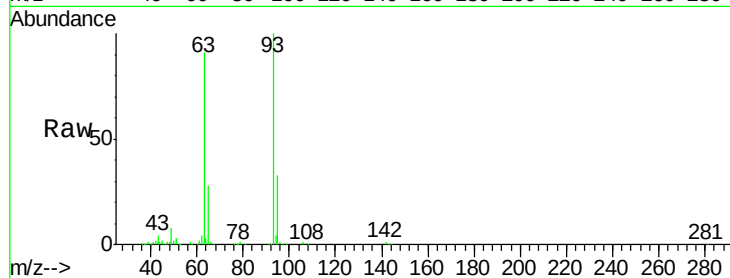




#11
bis(2-Chloroethyl)ether
Concen: 43.954 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

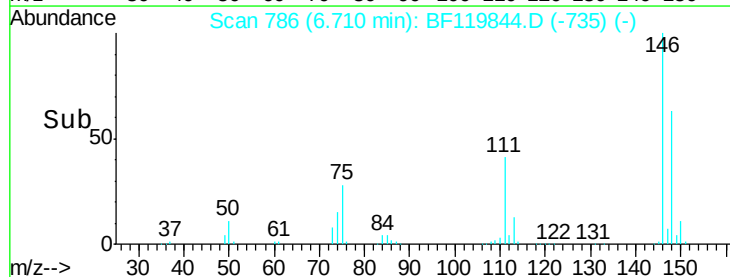
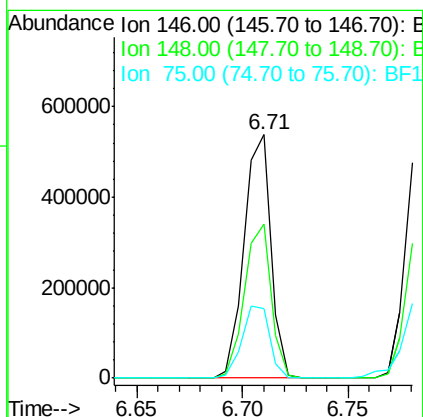
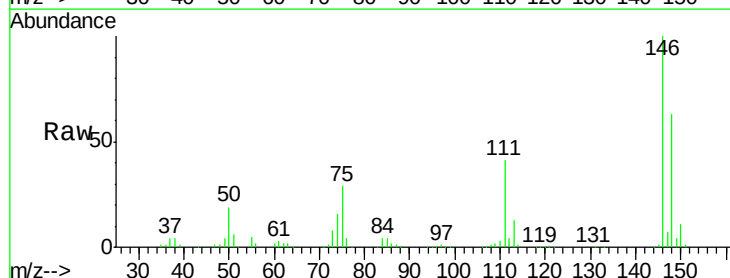
Instrument :
BNA_F
ClientSampleId :

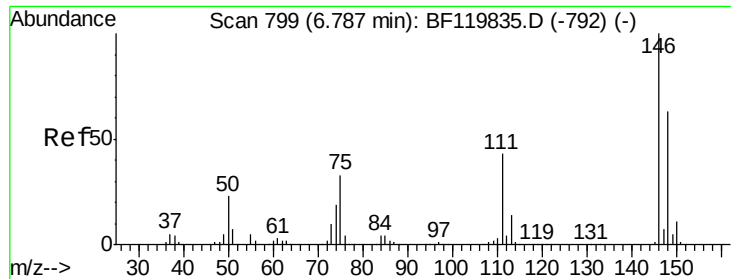
Tot Ion: 93 Resp: 443470
Ion Ratio Lower Upper
93 100
63 91.3 69.1 109.1
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.386 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion: 146 Resp: 474398
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 28.6 25.3 37.9

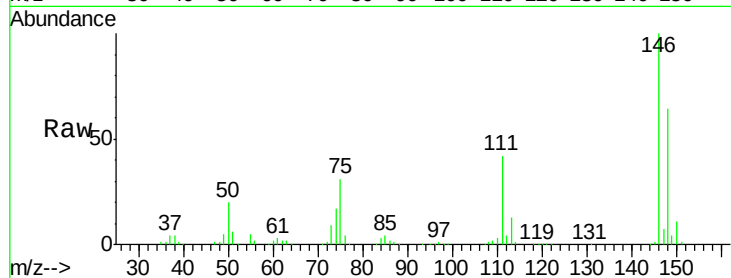




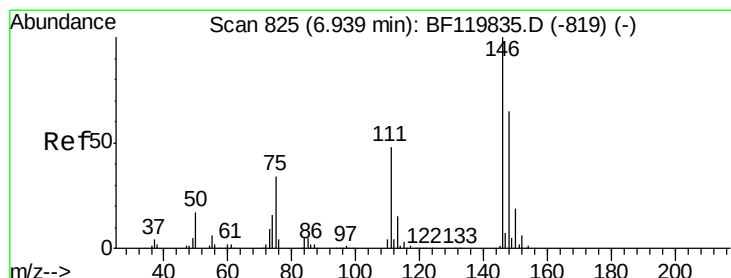
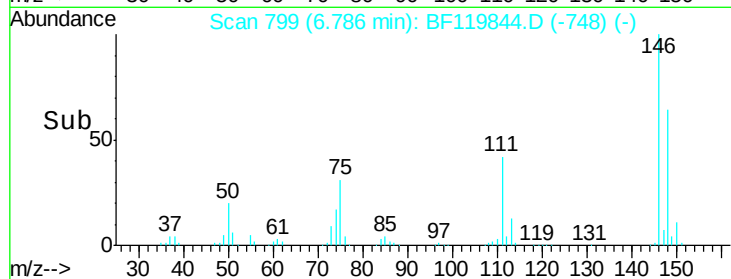
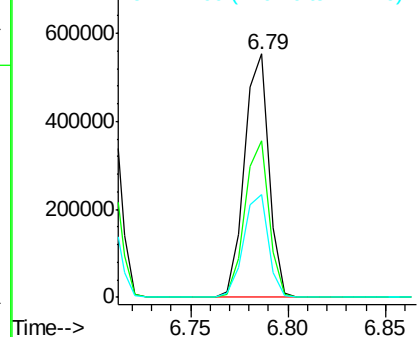
#13
 1,4-Dichlorobenzene
 Concen: 42.970 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 478616
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.5 75.7
 111 42.1 34.7 52.1

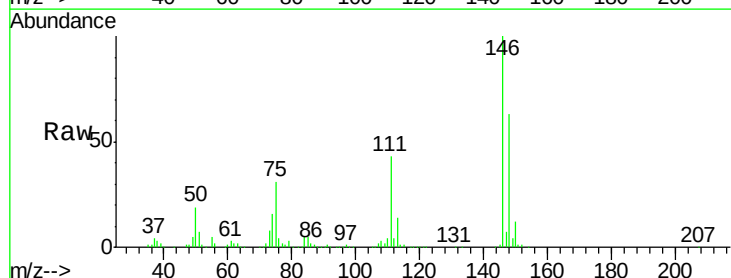


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

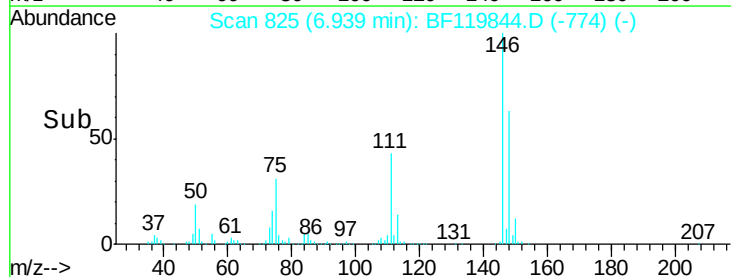
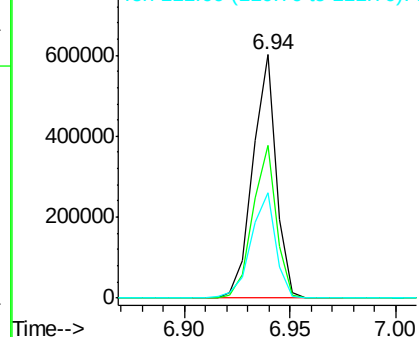


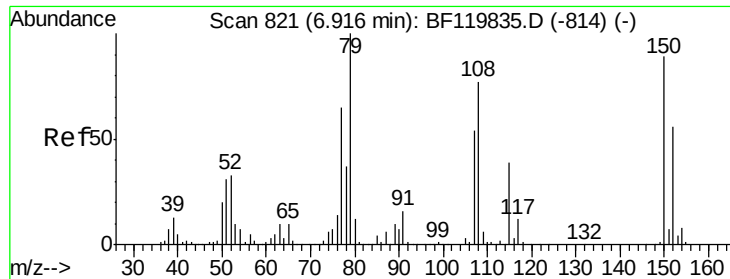
#14
 1,2-Dichlorobenzene
 Concen: 44.908 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:146 Resp: 460979
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.8
 111 43.2 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

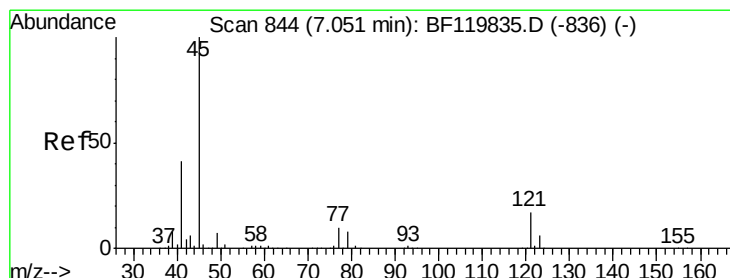
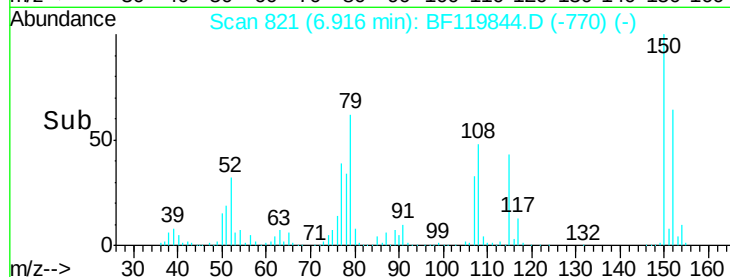
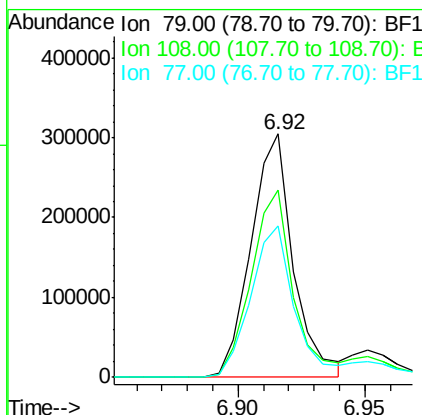
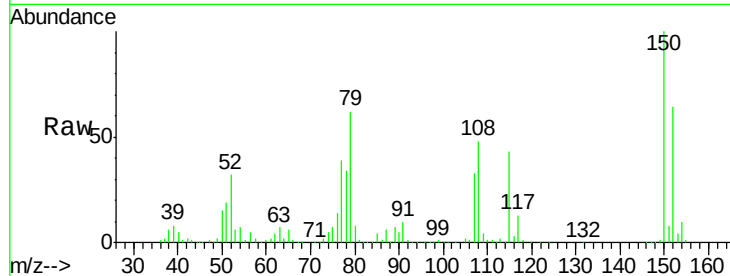




#15
Benzyl Alcohol
Concen: 39.659 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

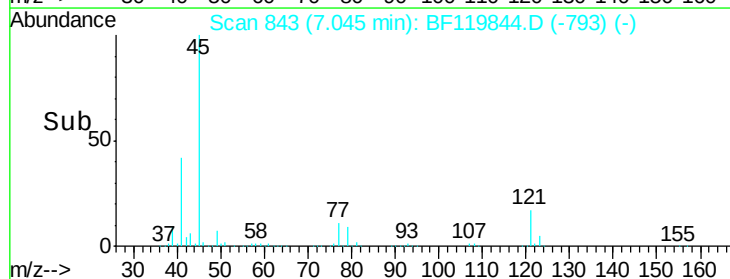
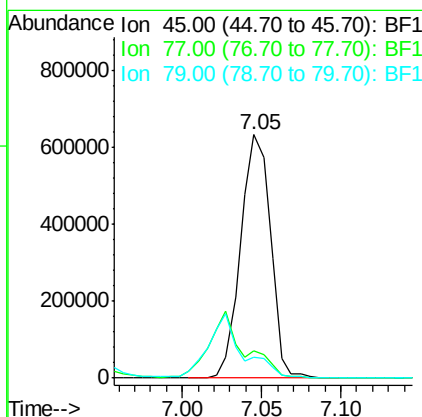
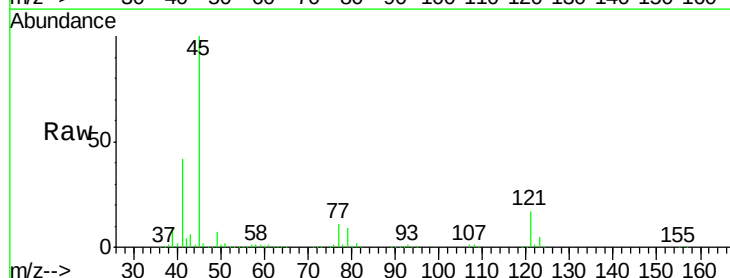
Instrument :
BNA_F
ClientSampled :

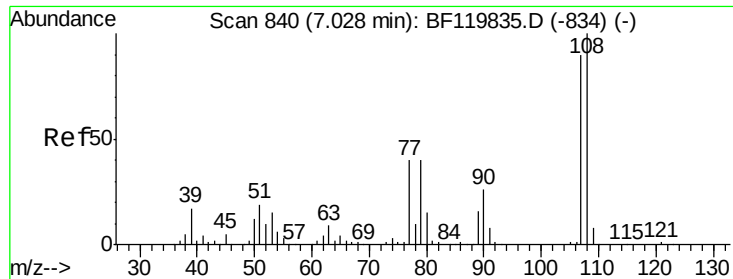
Tot Ion: 79 Resp: 354795
Ion Ratio Lower Upper
79 100
108 77.0 62.0 93.0
77 62.3 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.209 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion: 45 Resp: 828702
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.7
79 8.5 0.0 28.6

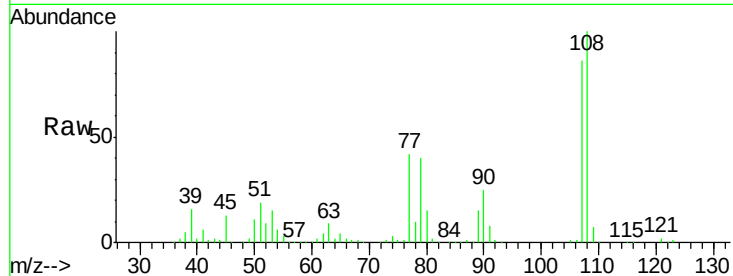




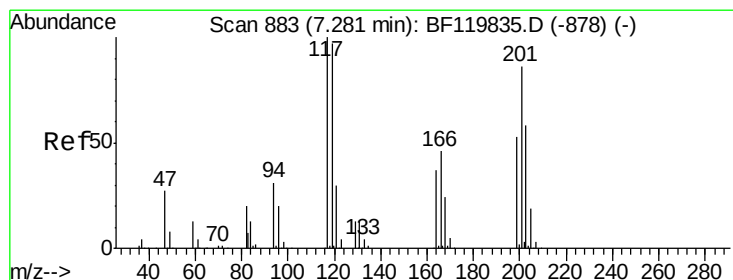
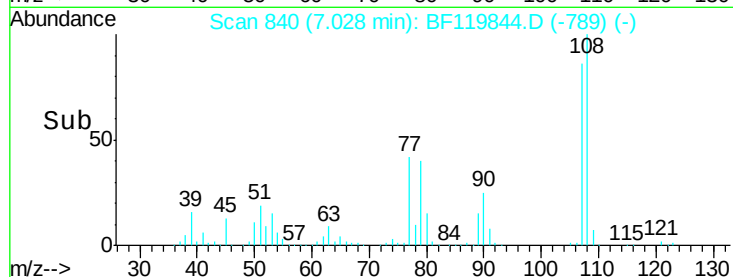
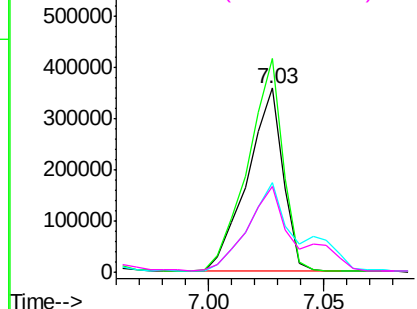
#17
2-Methylphenol
Concen: 43.379 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	386637
Ion	Ratio	Lower	Upper
107	100		
108	115.9	88.8	133.2
77	48.5	36.0	54.0
79	46.3	35.7	53.5

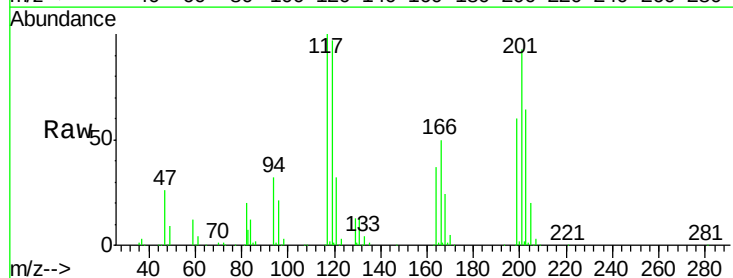


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

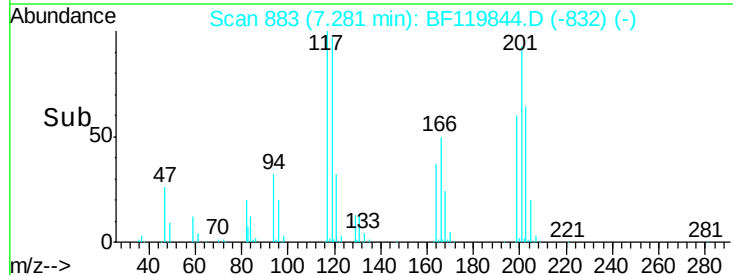
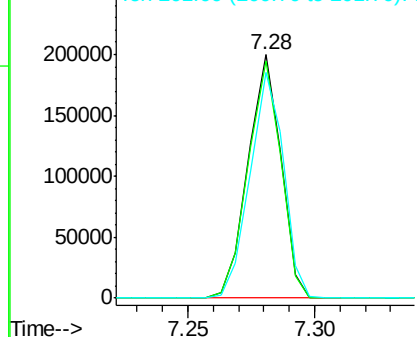


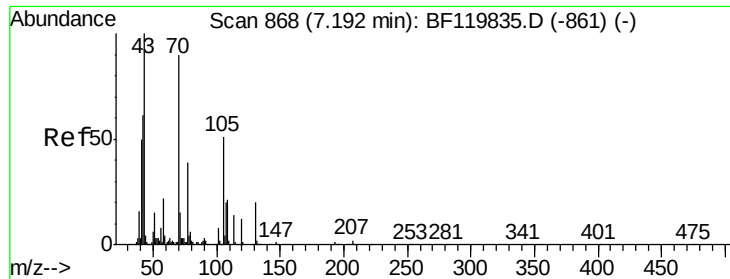
#18
Hexachloroethane
Concen: 43.392 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:	117	Resp:	180629
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
201	92.5	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

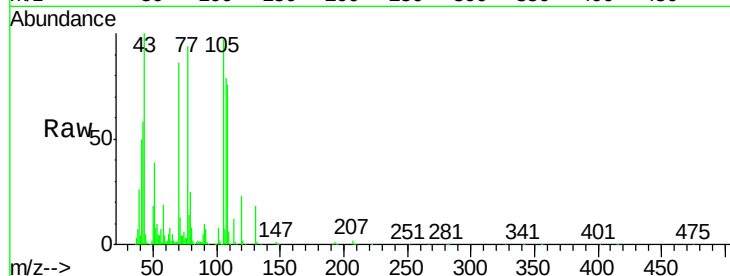




#19
n-Nitroso-di-n-propylamine
Concen: 44.653 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	330735
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.2	81.4
101	9.2	7.4	11.2
130	20.6	17.8	26.6



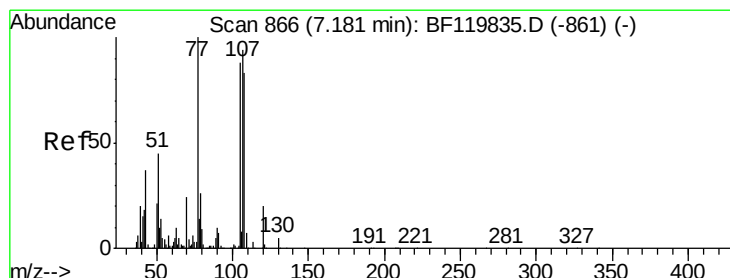
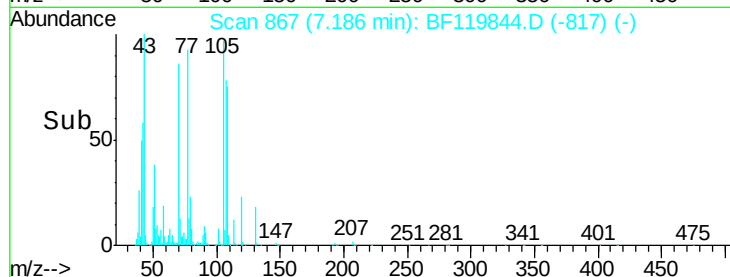
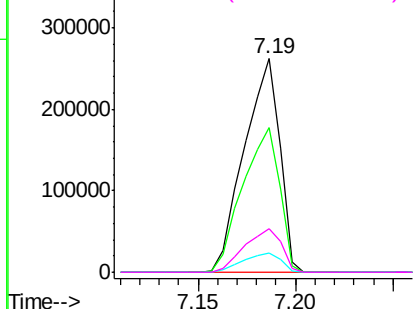
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

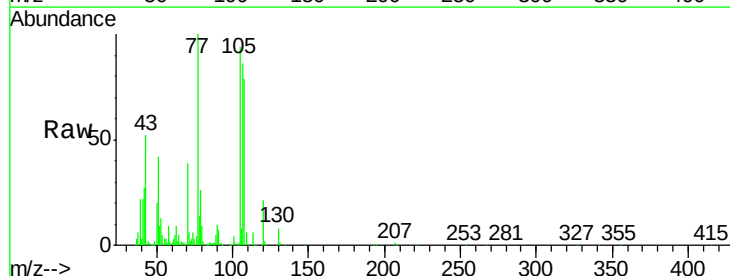
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 44.232 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:	107	Resp:	482174
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	116.1	86.6	126.6
79	30.2	7.7	47.7



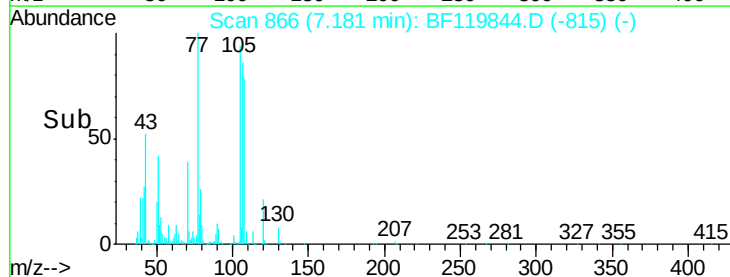
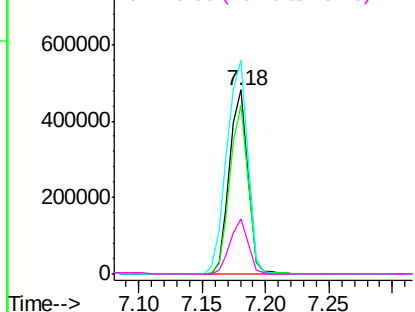
Abundance

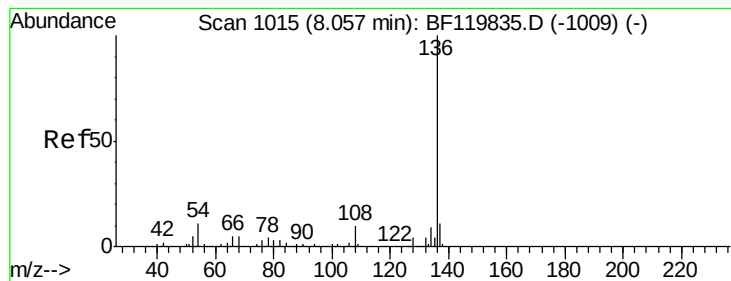
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 620027

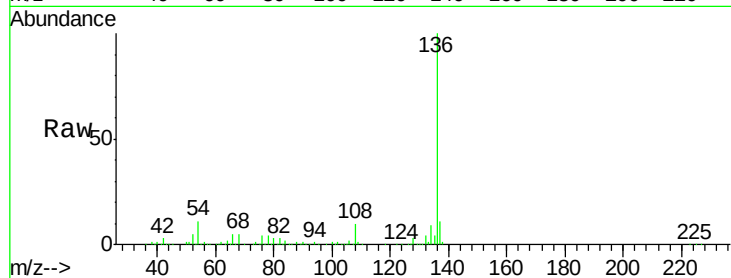
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.6 8.5 12.7

68 5.5 3.9 5.9

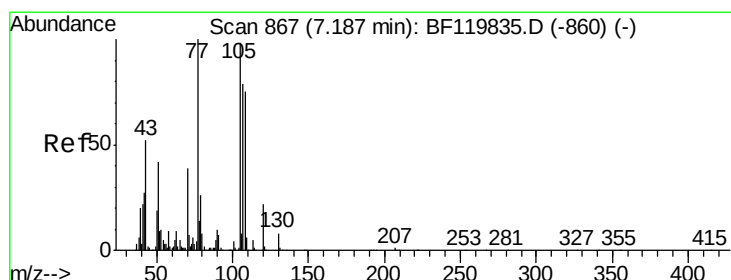
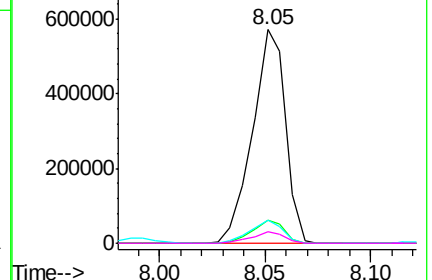
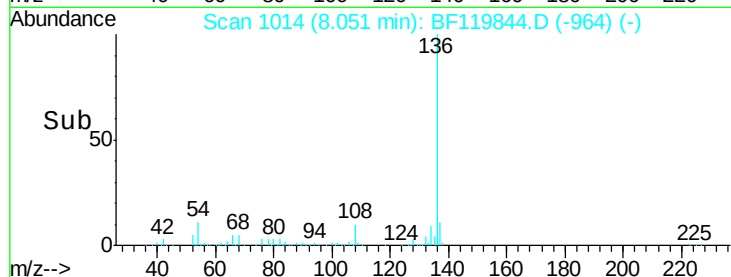


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.761 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Tgt Ion:105 Resp: 635373

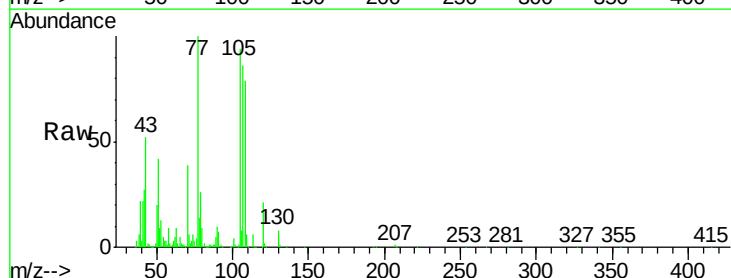
Ion Ratio Lower Upper

105 100

71 6.6 5.6 8.4

51 44.4 33.9 50.9

120 22.0 17.8 26.8

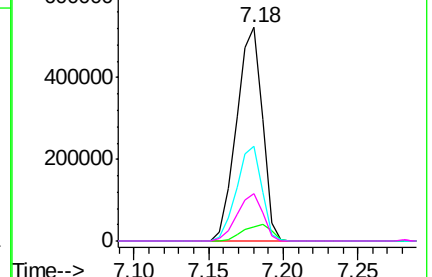
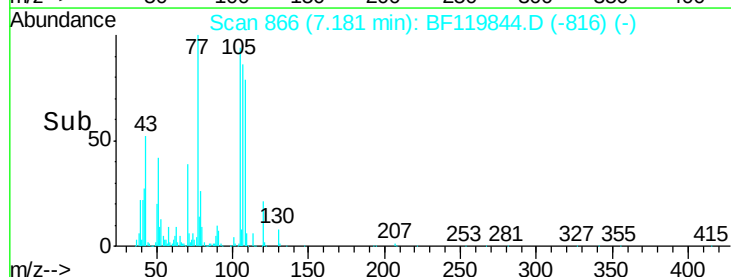


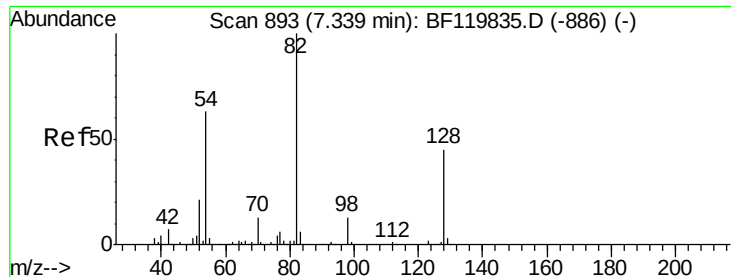
Abundance Ion 105.00 (104.70 to 105.70): E

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

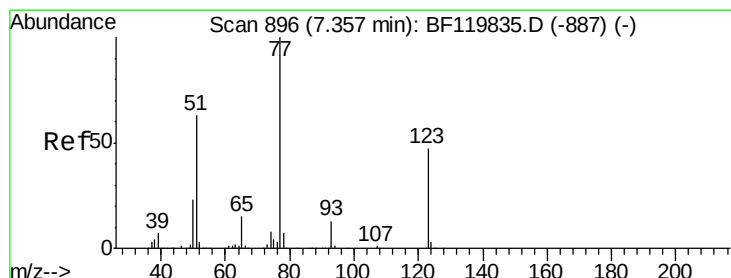
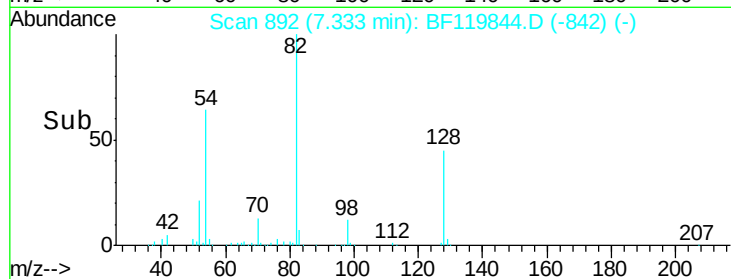
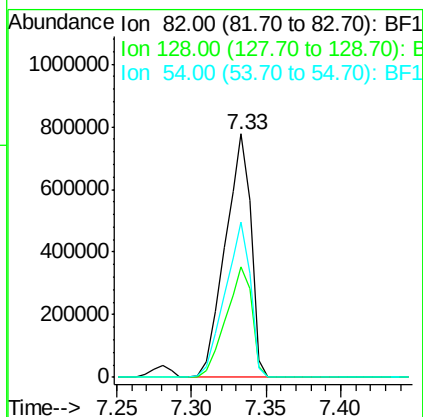
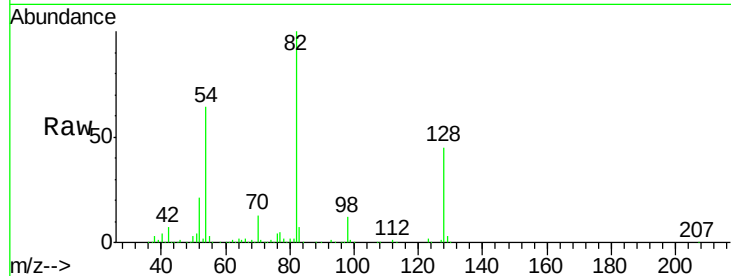




#23
 Nitrobenzene-d5
 Concen: 78.689 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

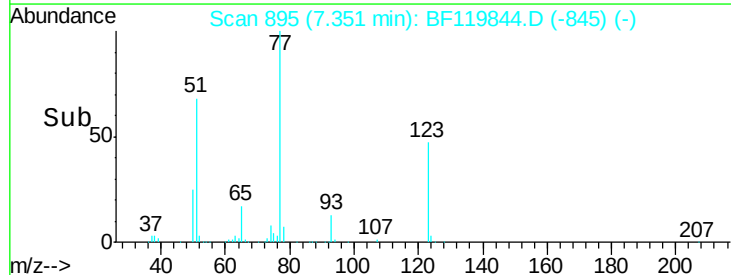
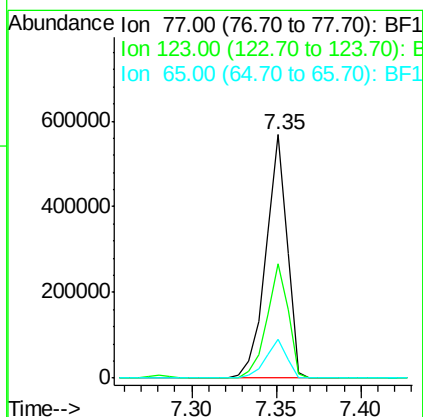
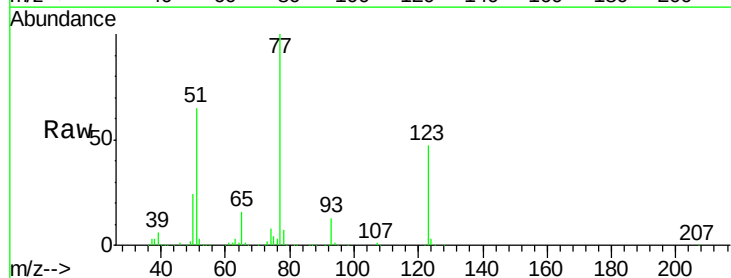
Instrument :
 BNA_F
 ClientSampleId :

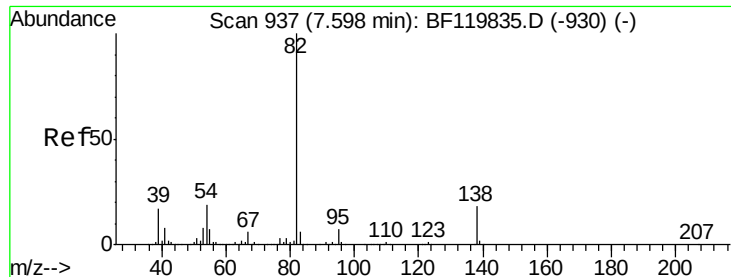
Tot Ion: 82 Resp: 943091
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.2 54.4
 54 63.9 50.4 75.6



#24
 Nitrobenzene
 Concen: 40.959 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion: 77 Resp: 493821
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.8 56.8
 65 15.7 12.2 18.2





#25

Isophorone

Concen: 40.392 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampled :

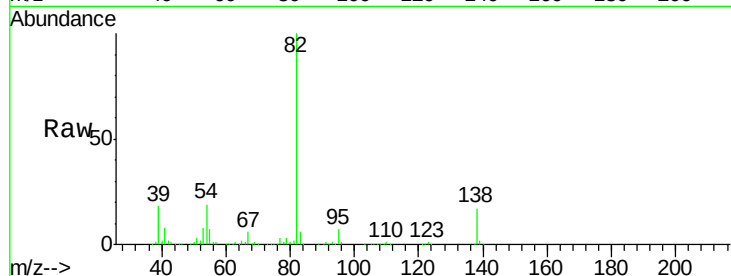
Tot Ion: 82 Resp: 933196

Ion Ratio Lower Upper

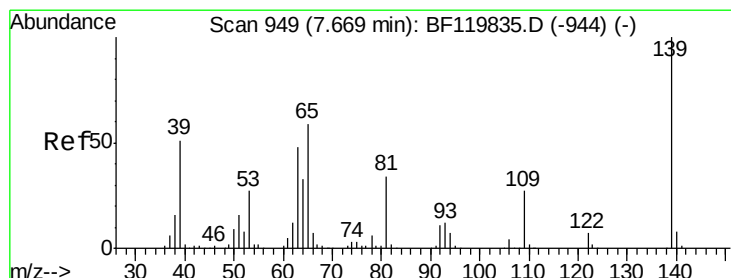
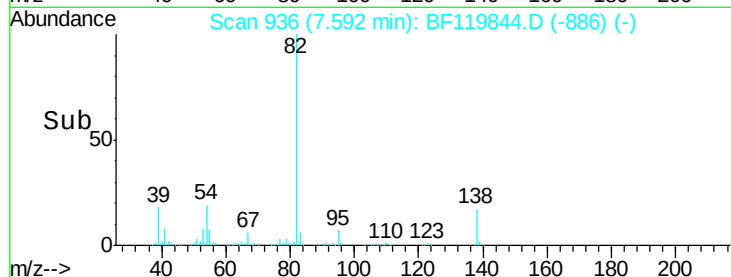
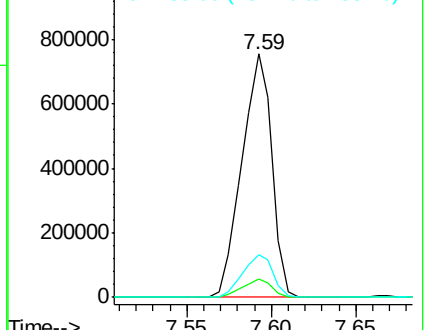
82 100

95 7.3 5.8 8.6

138 17.5 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: 42.890 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

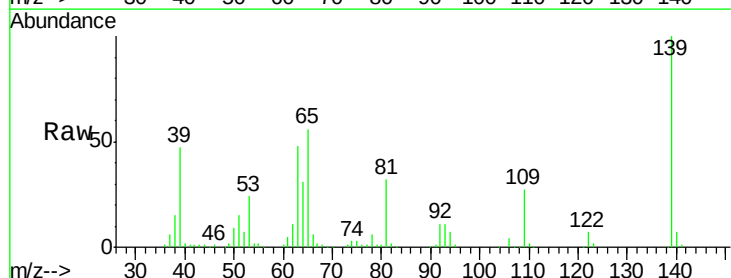
Tgt Ion: 139 Resp: 258347

Ion Ratio Lower Upper

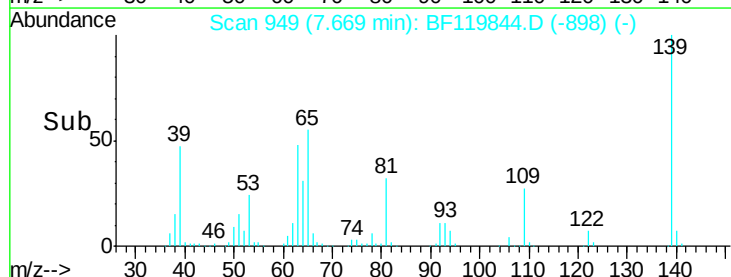
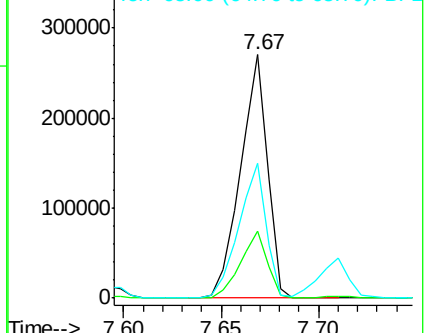
139 100

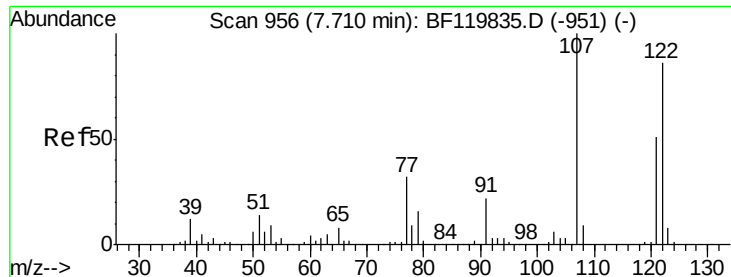
109 27.3 21.8 32.6

65 55.6 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

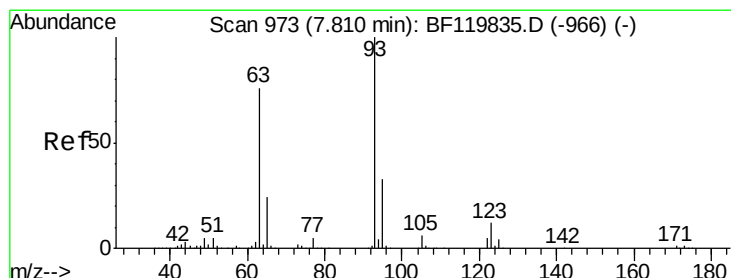
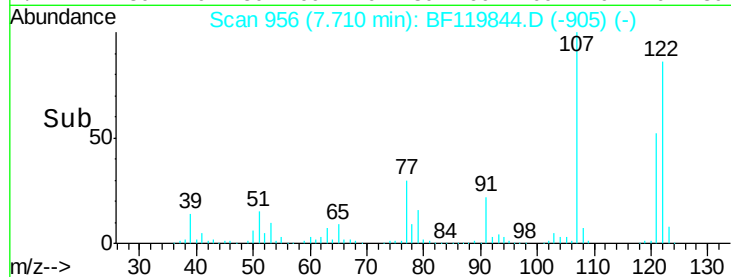
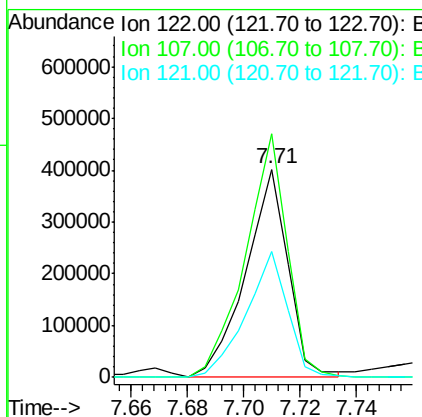
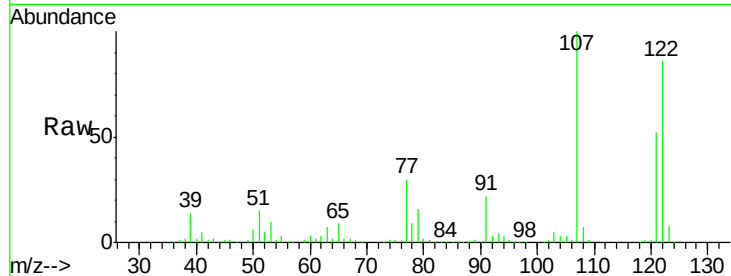




#27
 2,4-Dimethylphenol
 Concen: 45.829 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

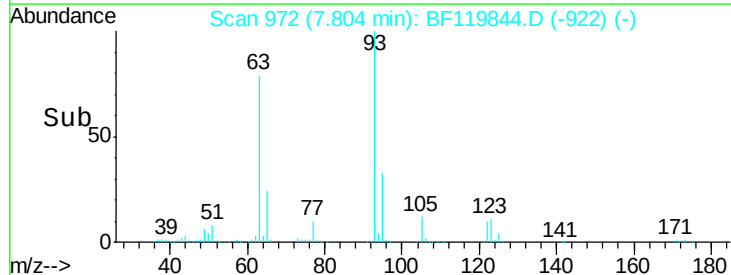
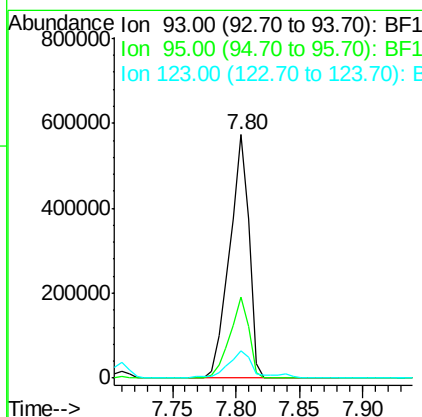
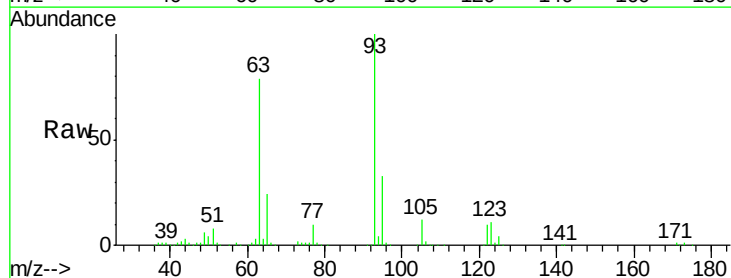
Instrument :
 BNA_F
 ClientSampled :

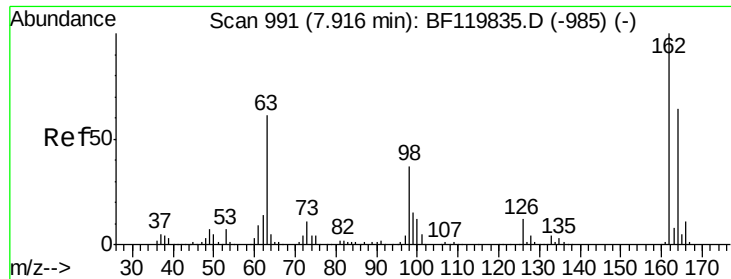
Tot Ion:122 Resp: 416332
 Ion Ratio Lower Upper
 122 100
 107 116.8 92.3 138.5
 121 60.4 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.294 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion: 93 Resp: 602186
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.4 9.7 14.5

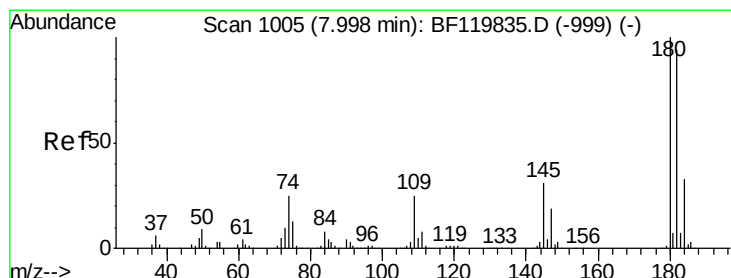
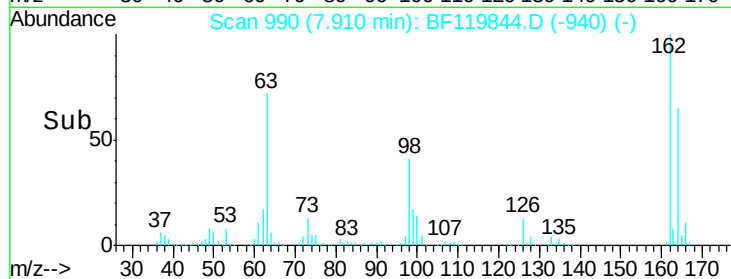
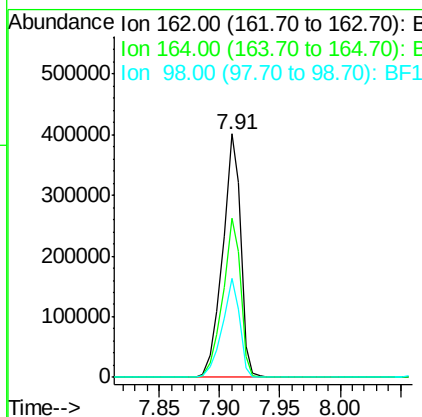
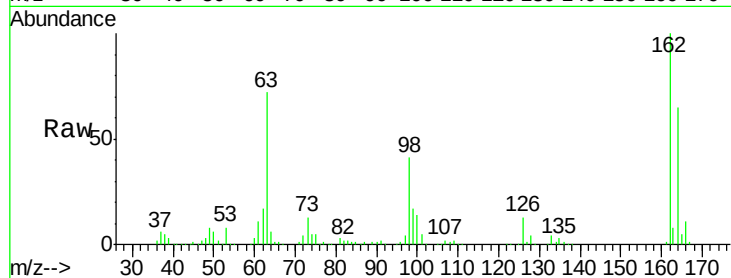




#29
 2,4-Dichlorophenol
 Concen: 44.467 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

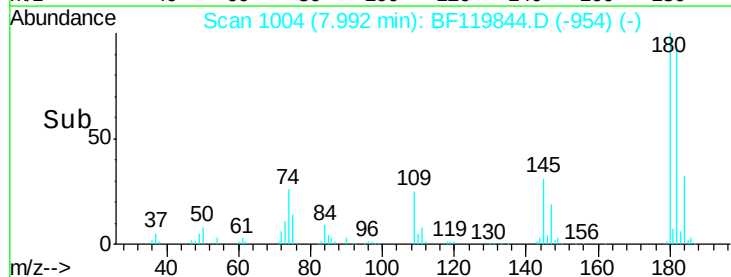
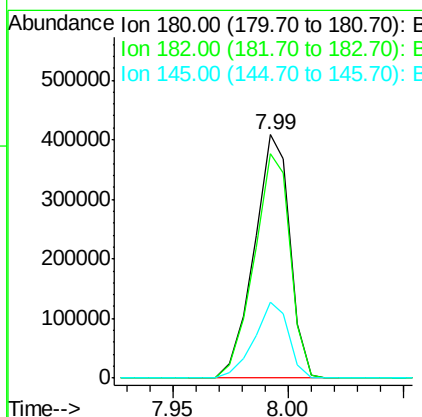
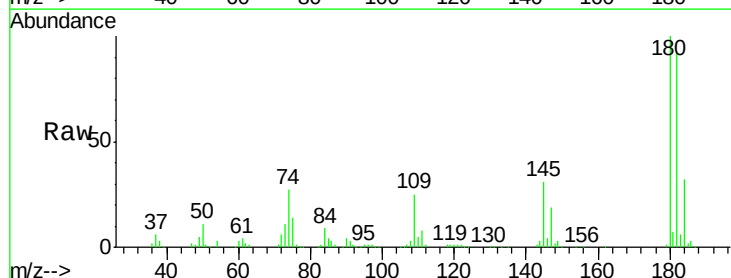
Instrument :
 BNA_F
 ClientSampleId :

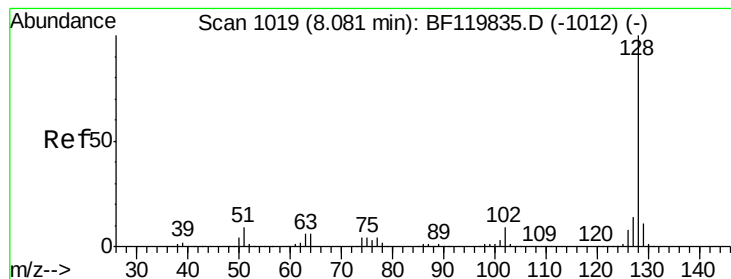
Tot Ion:162 Resp: 414066
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.4 84.4
 98 40.8 17.3 57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.422 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:180 Resp: 437039
 Ion Ratio Lower Upper
 180 100
 182 92.4 75.4 113.0
 145 31.1 24.6 37.0





#31

Naphthalene

Concen: 42.048 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

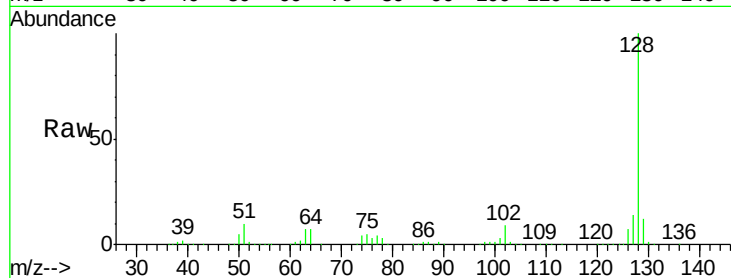
Tot Ion:128 Resp: 1371662

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

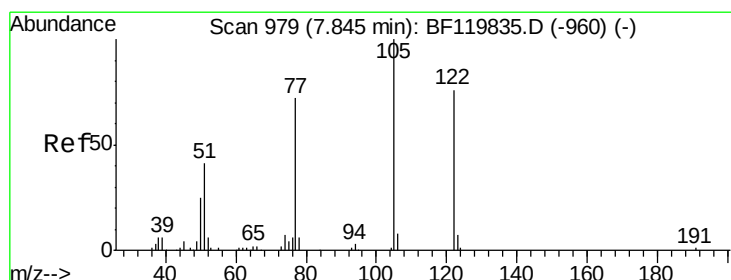
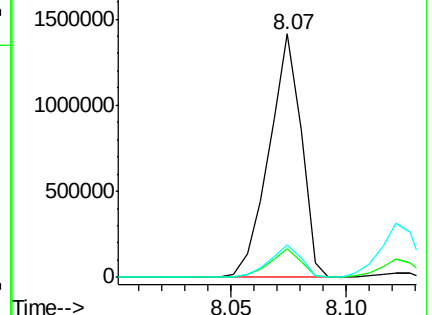
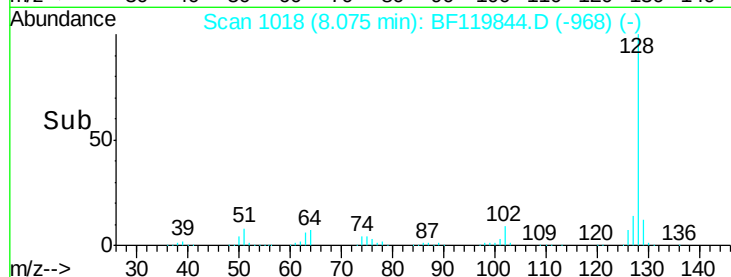
127 13.5 11.0 16.4



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: 43.057 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

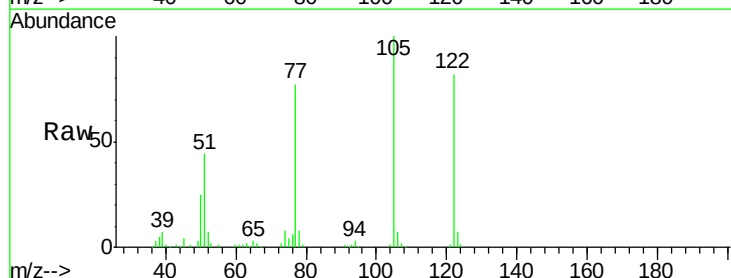
Tgt Ion:122 Resp: 343527

Ion Ratio Lower Upper

122 100

105 121.6 106.7 146.7

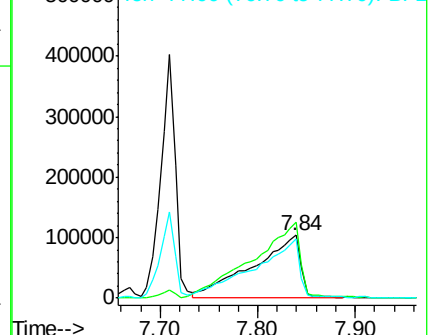
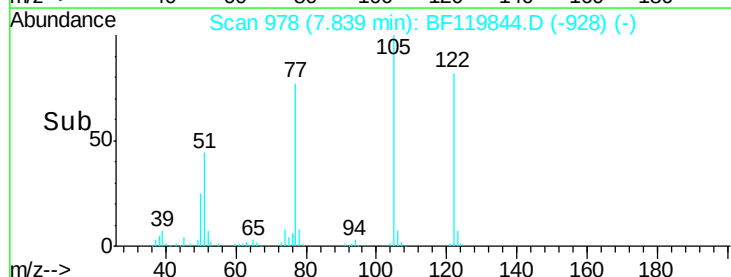
77 94.0 72.1 112.1

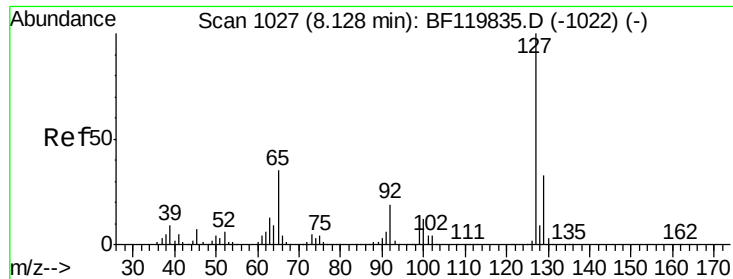


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

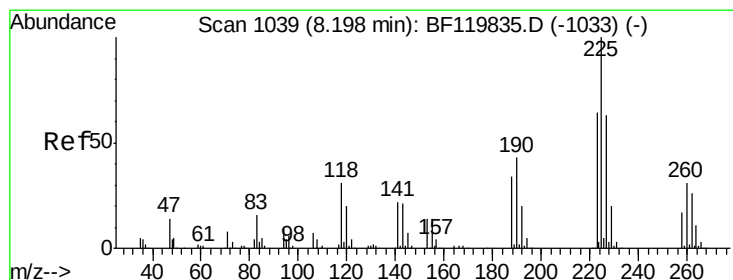
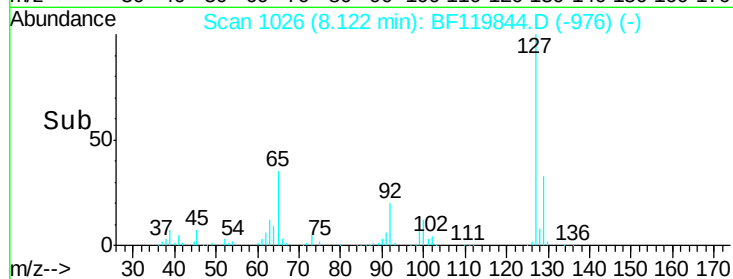
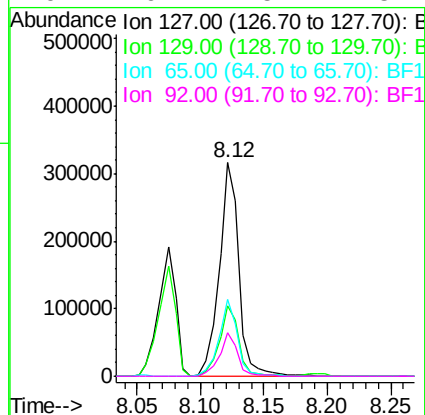
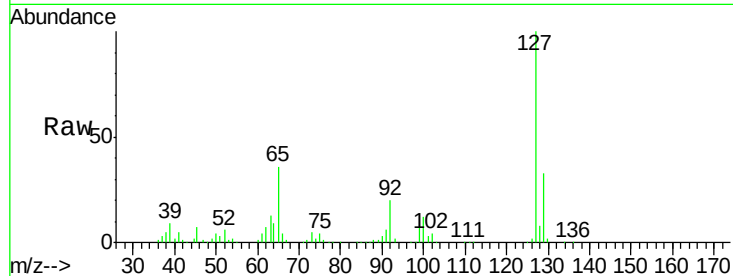




#33
4-Chloroaniline
Concen: 24.108 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

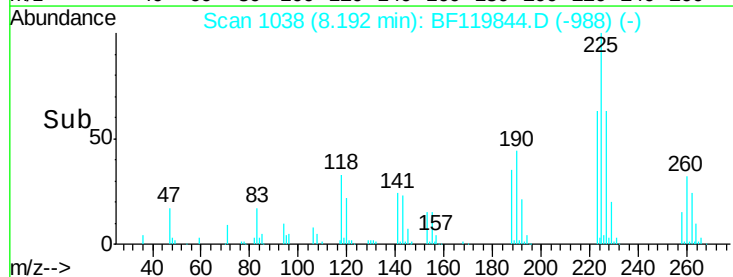
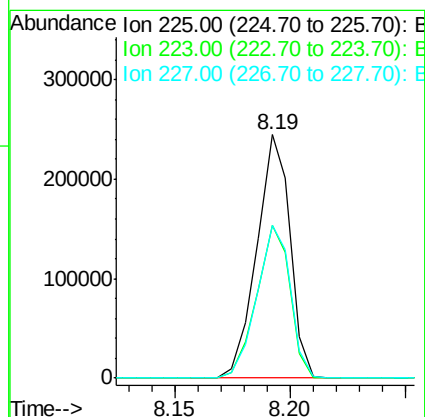
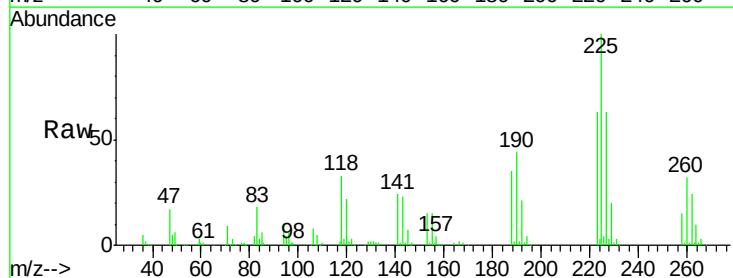
Instrument :
BNA_F
ClientSampled :

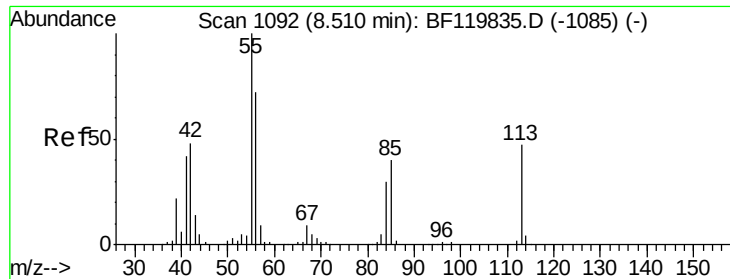
Tot Ion:	127	Resp:	342374
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	35.9	28.3	42.5
92	20.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.839 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:	225	Resp:	245301
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.9	50.4	75.6

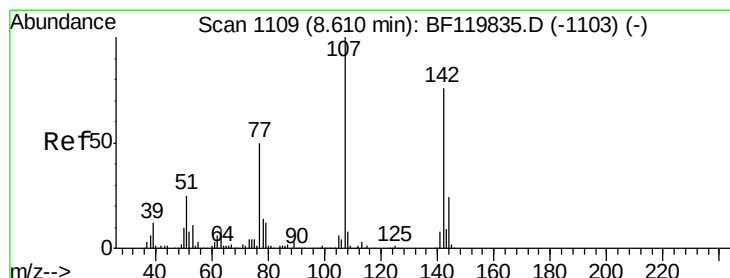
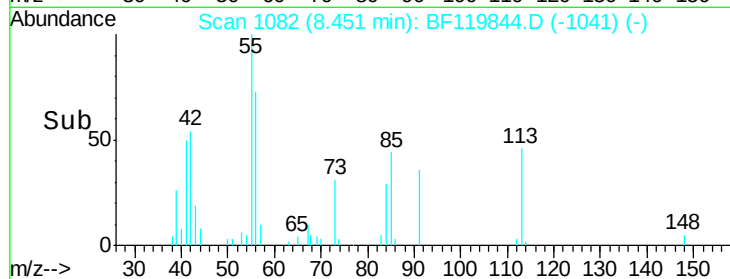
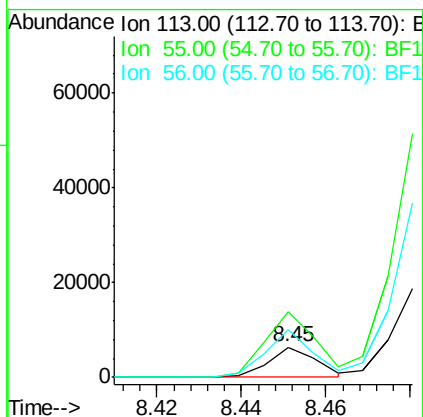
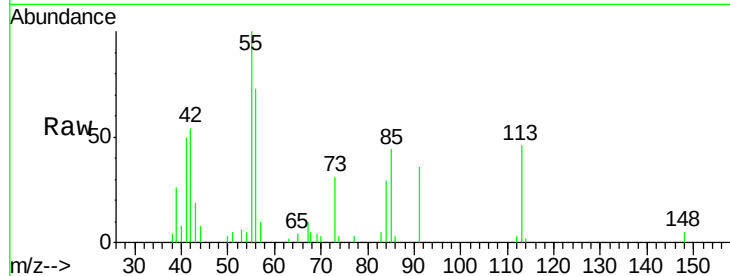




#35
 Caprolactam
 Concen: 1.767 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.06 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

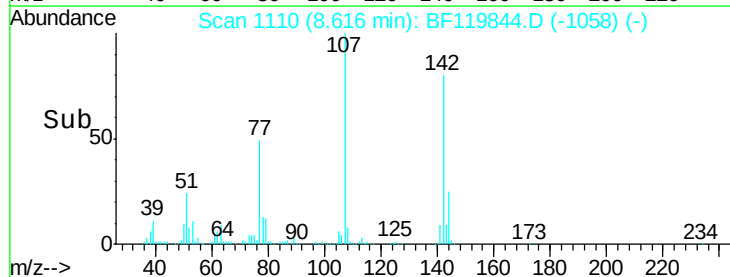
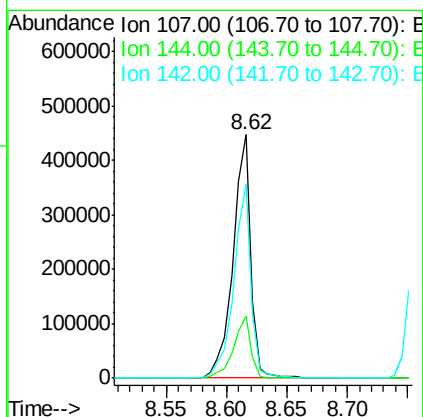
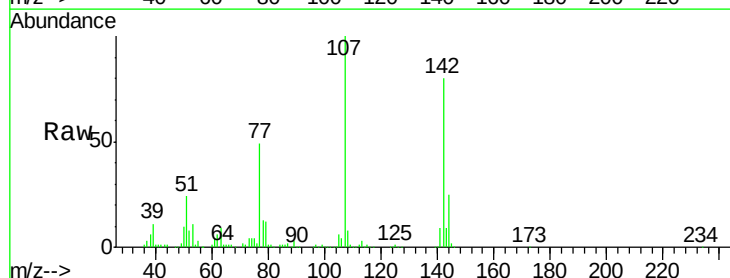
Instrument :
 BNA_F
 ClientSampleId :

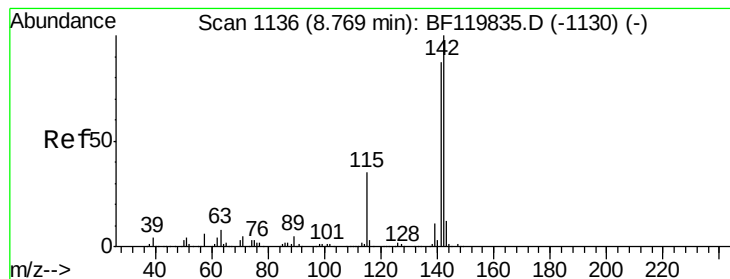
Tot Ion:113 Resp: 5033
 Ion Ratio Lower Upper
 113 100
 55 217.8 192.7 232.7
 56 158.0 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.545 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:107 Resp: 459168
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.5 29.3
 142 79.7 60.5 90.7





#37

2-Methylnaphthalene

Concen: 43.034 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

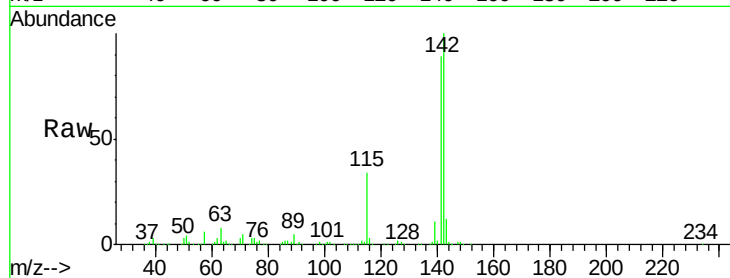
Tot Ion:142 Resp: 951764

Ion Ratio Lower Upper

142 100

141 89.4 69.9 104.9

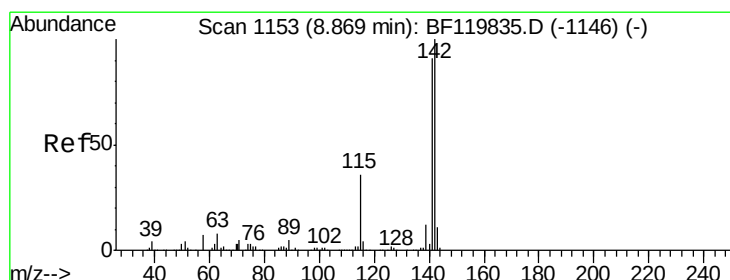
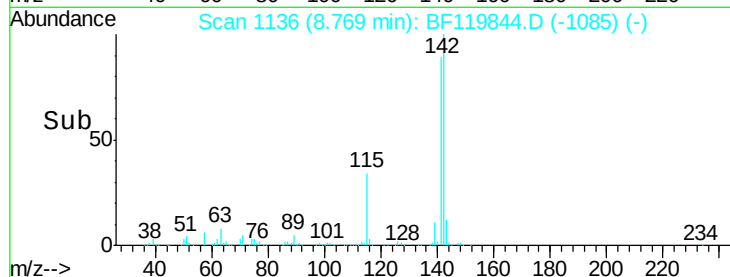
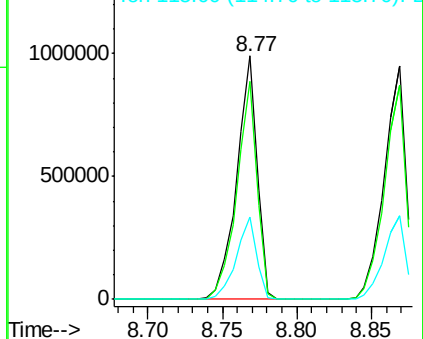
115 34.0 28.0 42.0



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: 44.980 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

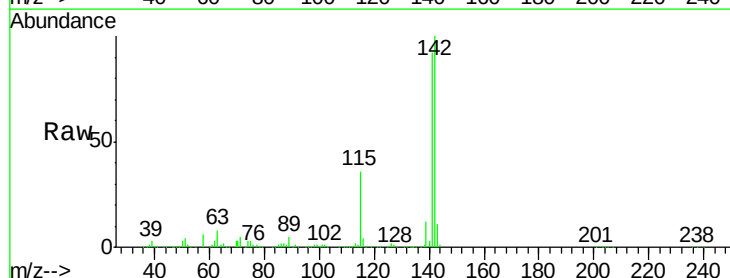
Tgt Ion:142 Resp: 937628

Ion Ratio Lower Upper

142 100

141 92.1 72.9 109.3

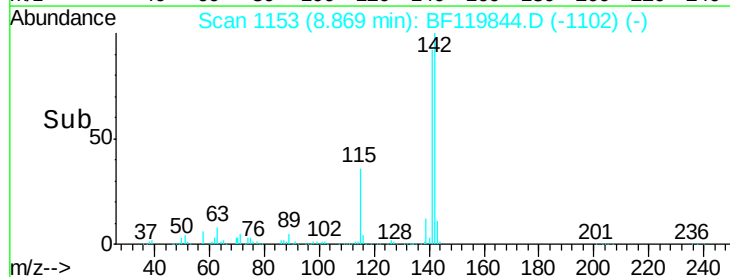
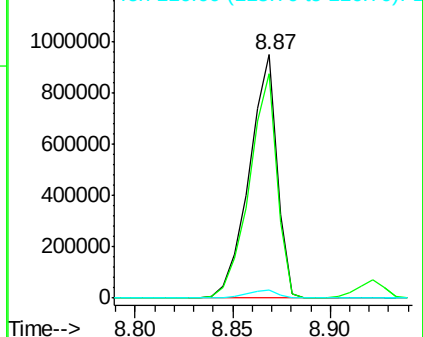
116 3.5 3.0 4.6

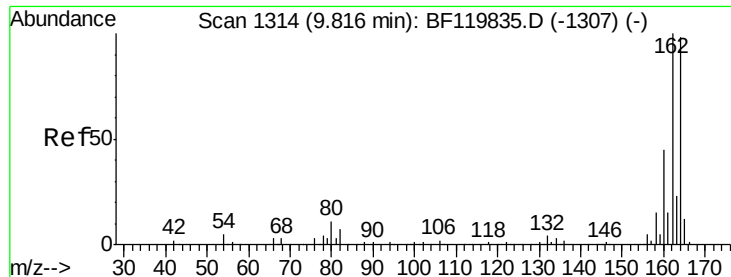


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampled :

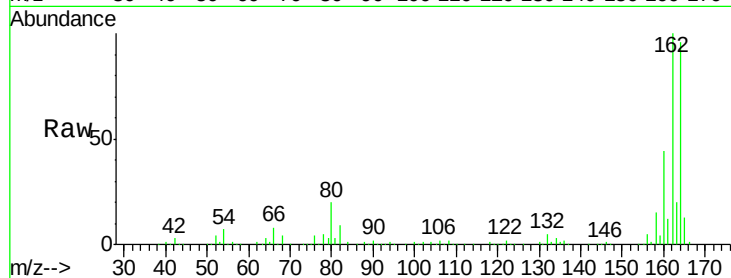
Tot Ion:164 Resp: 341052

Ion Ratio Lower Upper

164 100

162 103.8 81.9 122.9

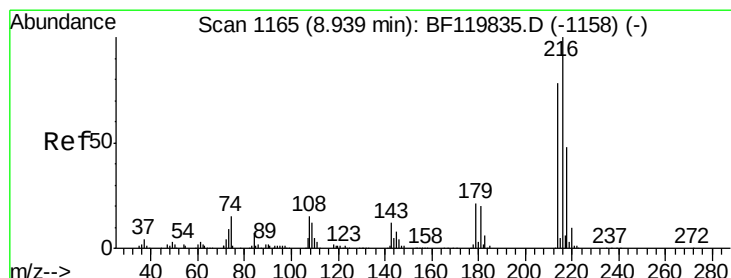
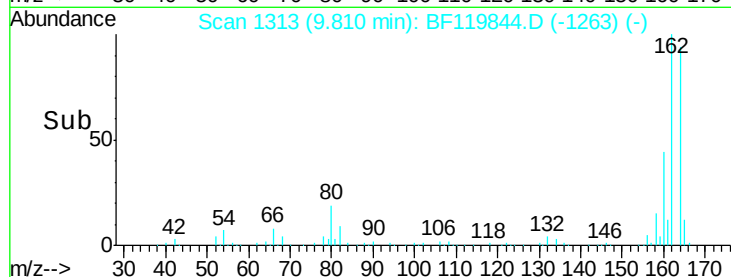
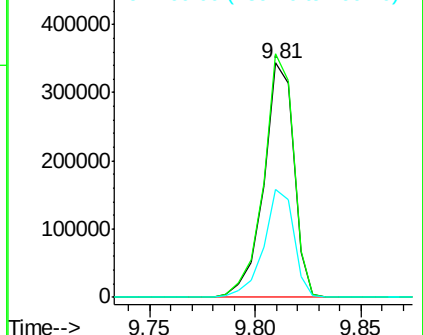
160 46.1 36.6 54.8



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: 40.893 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Tgt Ion:216 Resp: 440498

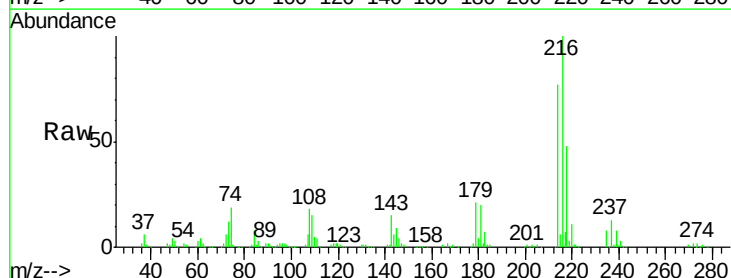
Ion Ratio Lower Upper

216 100

214 77.8 63.1 94.7

179 20.6 17.0 25.4

108 19.9 14.8 22.2

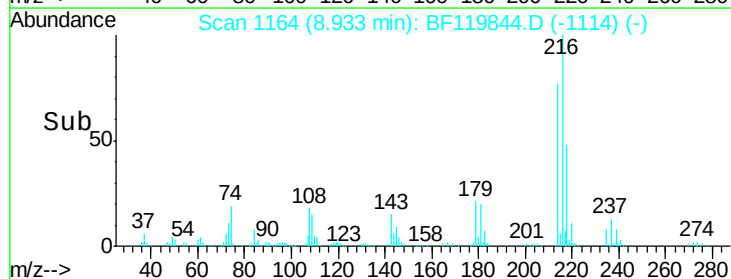
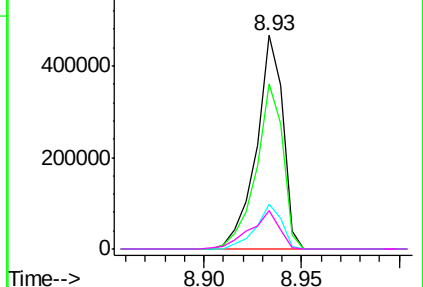


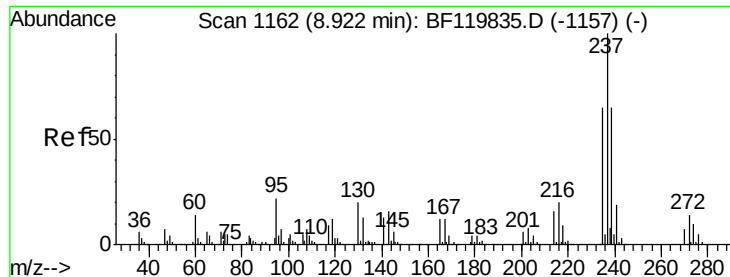
Abundance Ion 216.00 (215.70 to 216.70): E

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

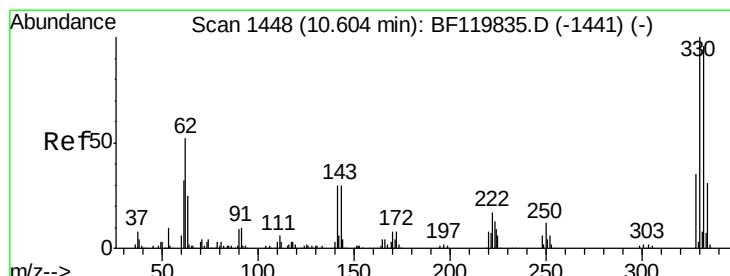
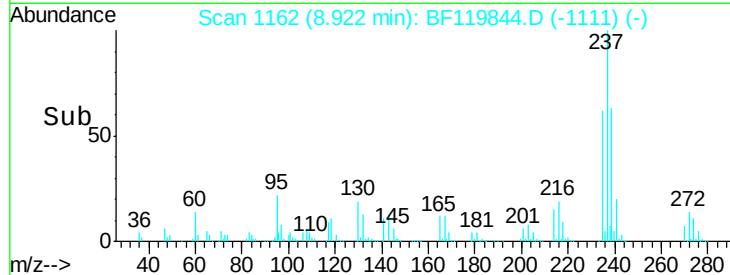
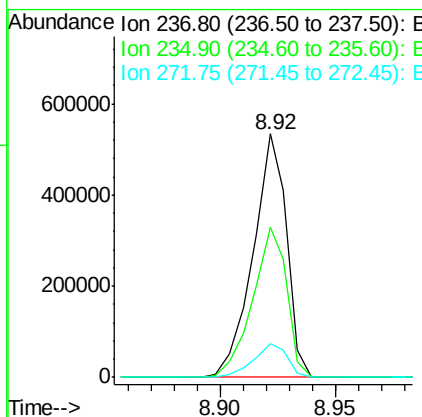
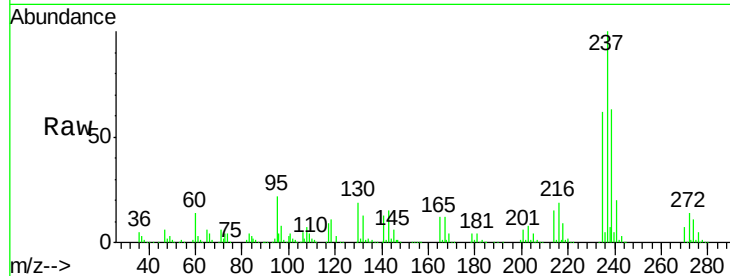




#41
Hexachlorocyclopentadiene
Concen: 87.909 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

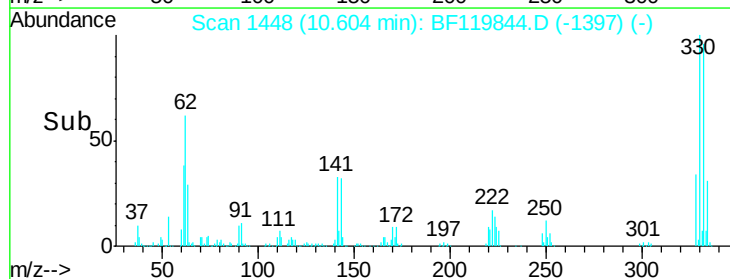
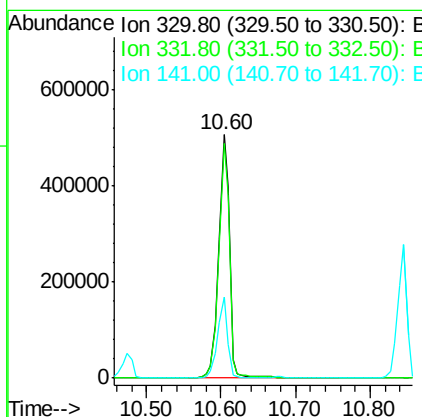
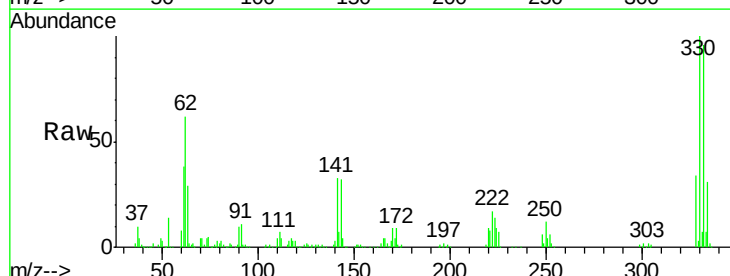
Instrument :
BNA_F
ClientSampleId :

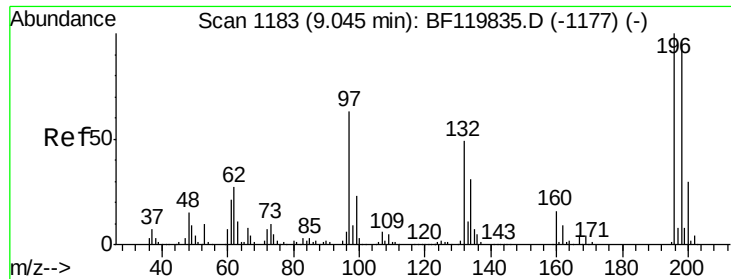
Tot Ion:237 Resp: 538468
Ion Ratio Lower Upper
237 100
235 61.7 44.9 84.9
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 121.811 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:330 Resp: 508640
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 30.4 25.1 37.7

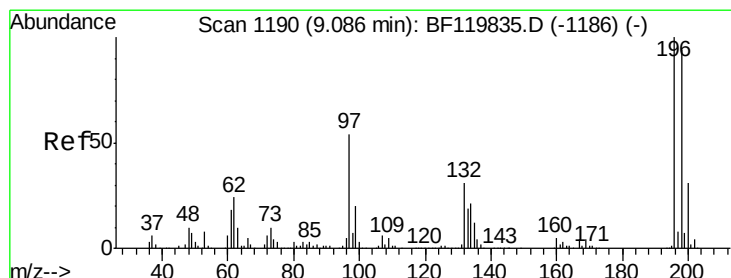
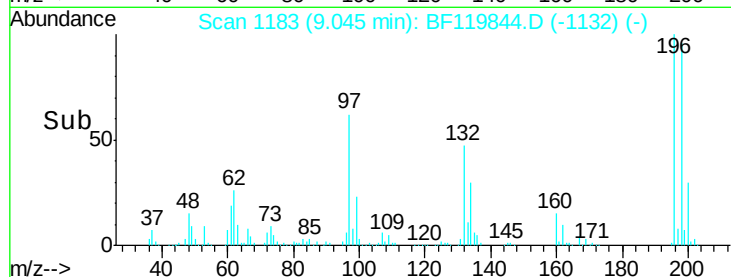
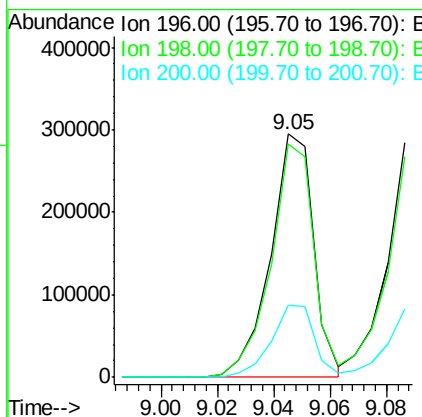
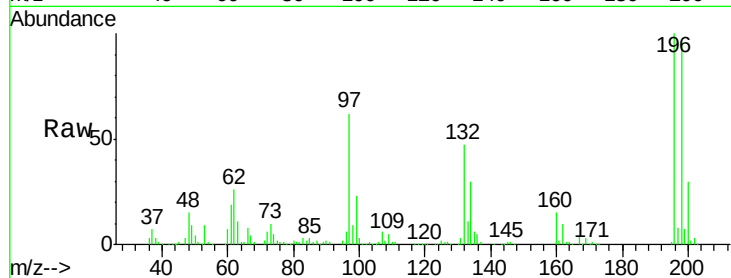




#43
 2,4,6-Trichlorophenol
 Concen: 42.001 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

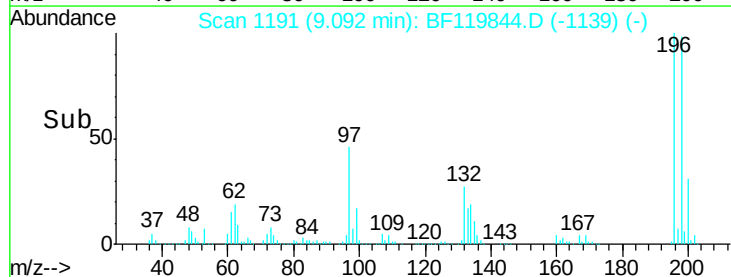
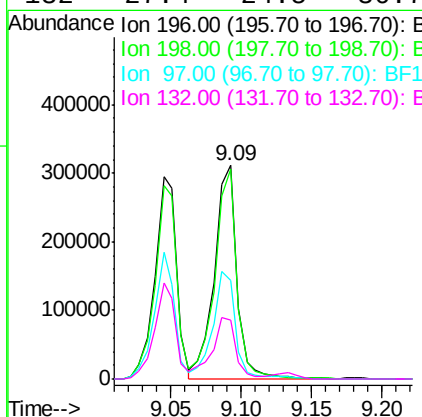
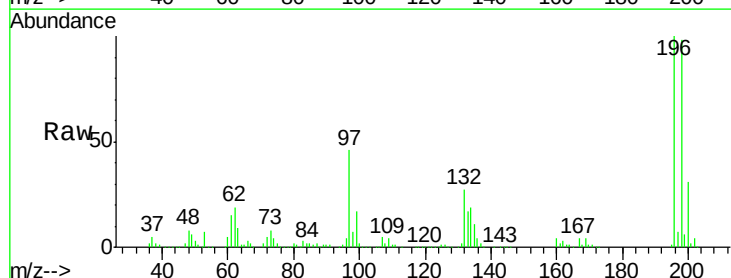
Instrument :
 BNA_F
 ClientSampled :

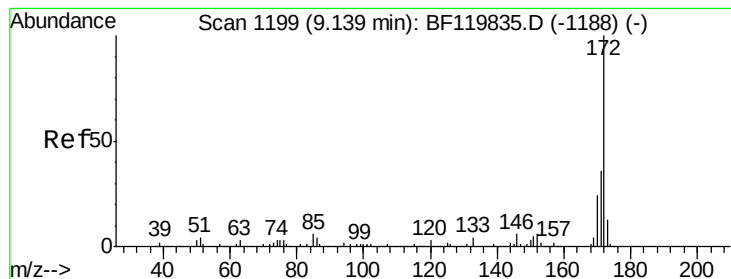
Tot Ion:196 Resp: 312424
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 29.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.354 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:196 Resp: 346457
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.1 112.7
 97 46.0 43.4 65.2
 132 27.4 24.5 36.7

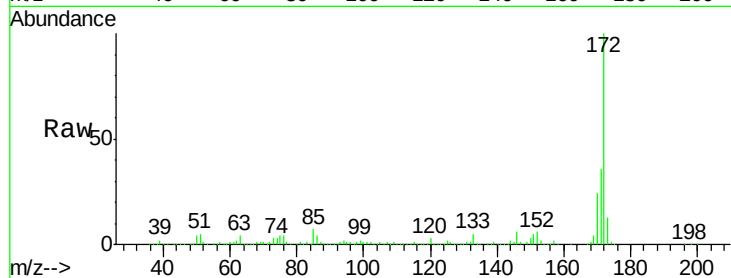




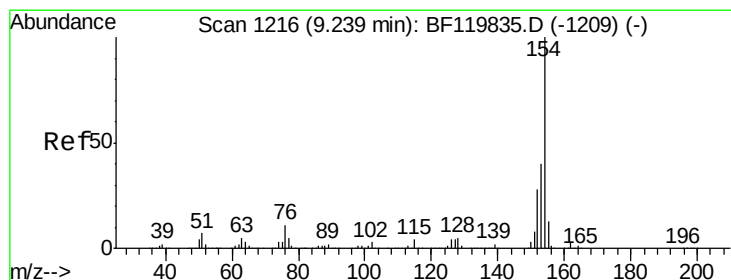
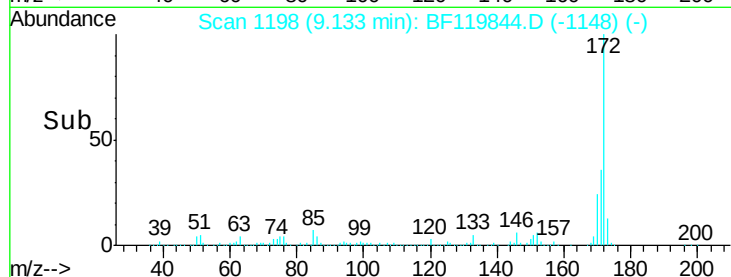
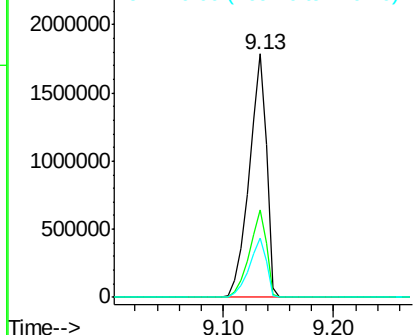
#45
2-Fluorobiphenyl
Concen: 81.584 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1959758
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.3 19.4 29.2

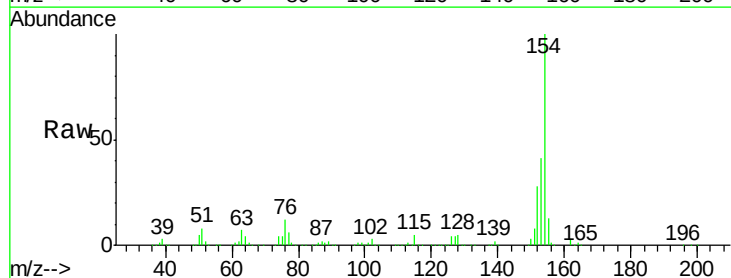


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

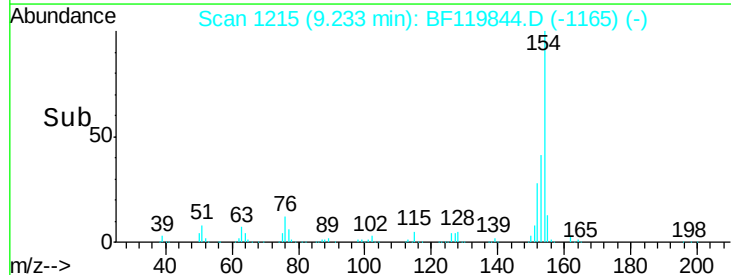
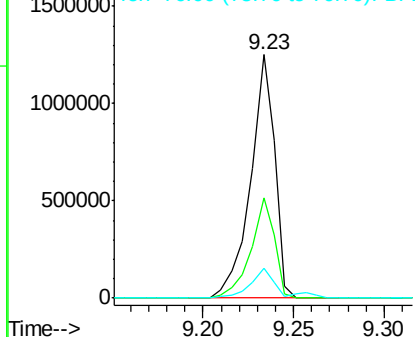


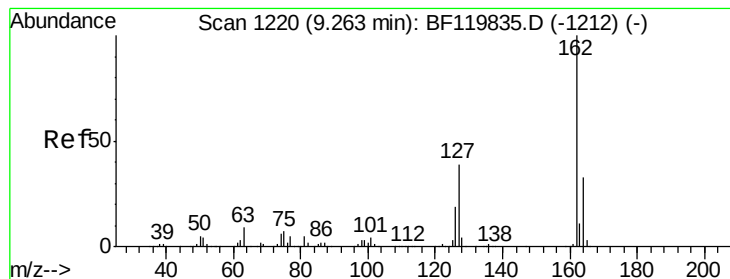
#46
1,1'-Biphenyl
Concen: 40.149 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:154 Resp: 1155750
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 12.3 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: 41.057 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

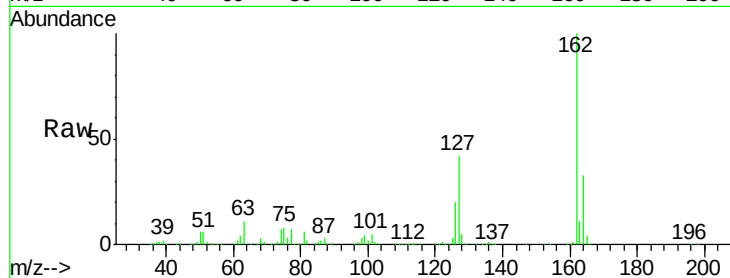
Tot Ion:162 Resp: 910474

Ion Ratio Lower Upper

162 100

127 42.0 31.2 46.8

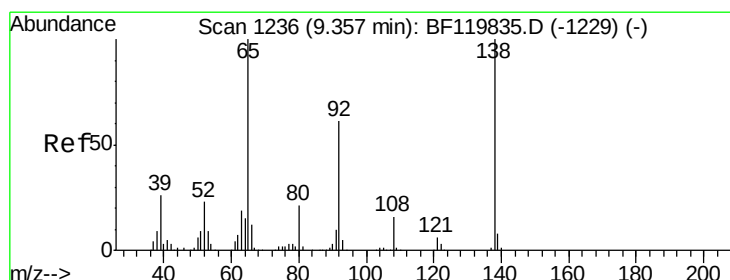
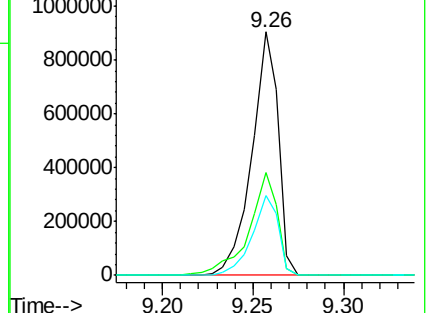
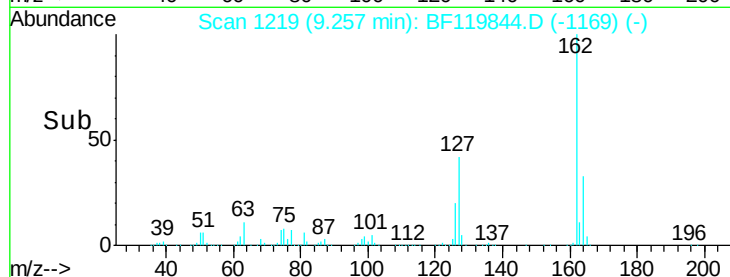
164 32.9 26.3 39.5



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: 42.013 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

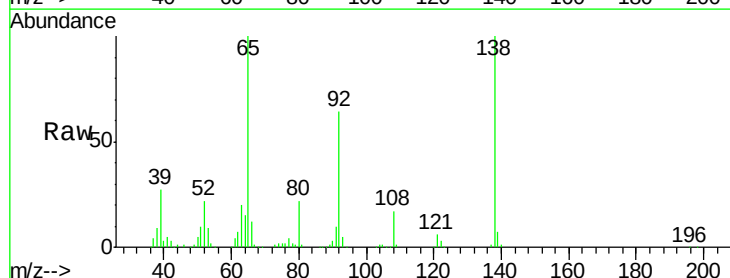
Tgt Ion: 65 Resp: 337625

Ion Ratio Lower Upper

65 100

92 63.8 49.0 73.6

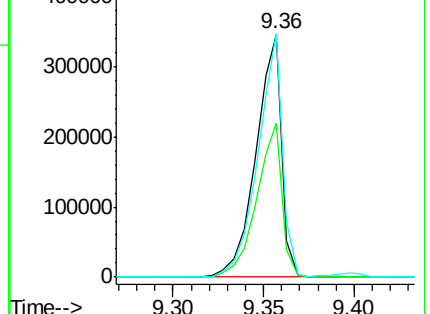
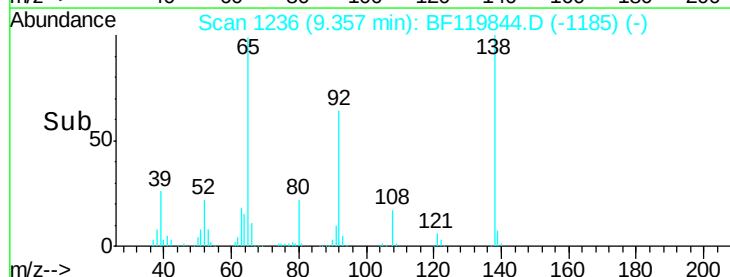
138 100.4 79.7 119.5

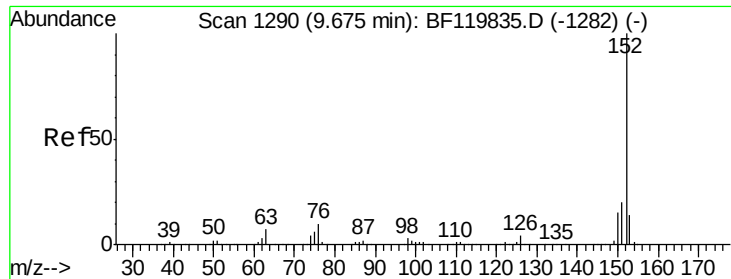


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.861 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

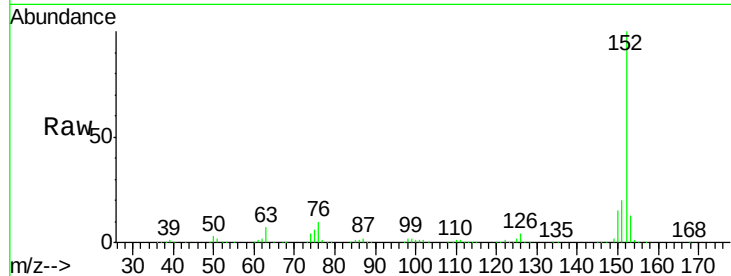
Tot Ion:152 Resp: 1479221

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

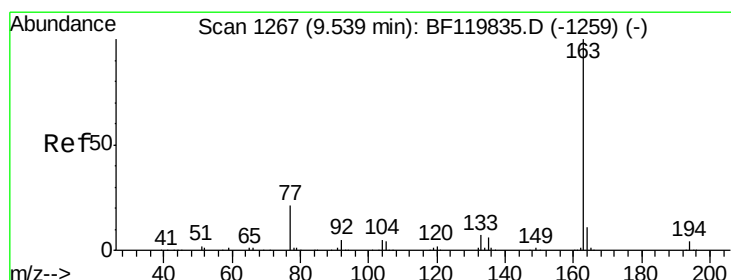
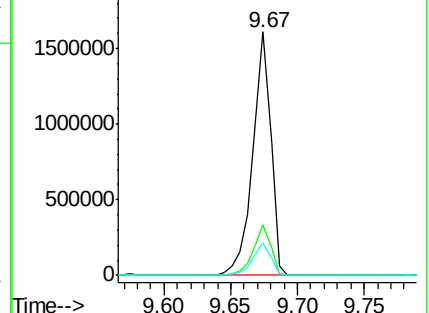
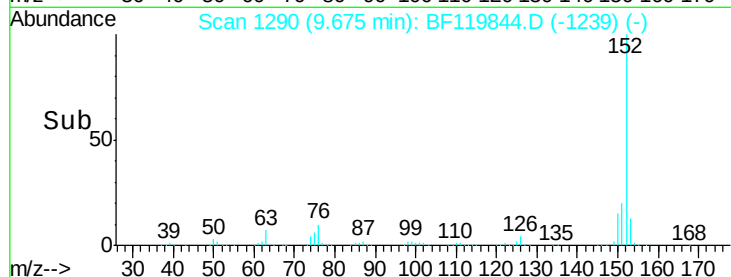
153 13.2 10.9 16.3



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: 43.012 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

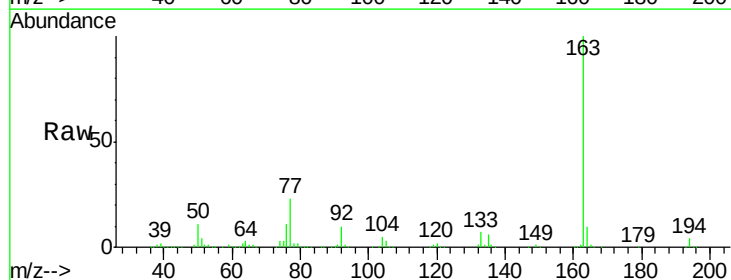
Tgt Ion:163 Resp: 1134652

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

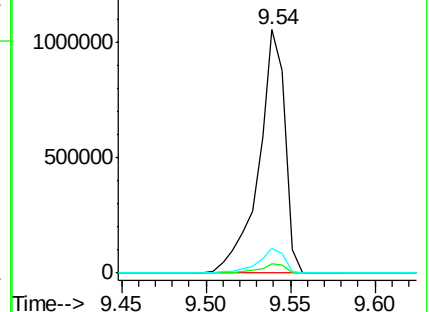
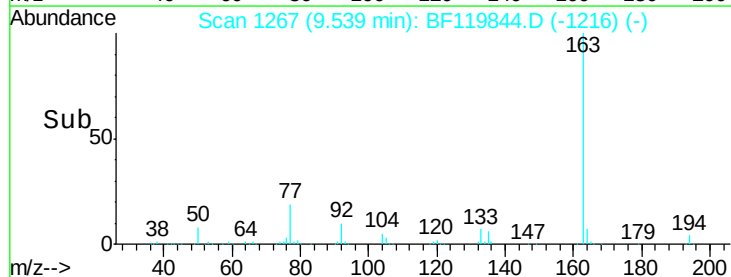
164 10.2 8.4 12.6

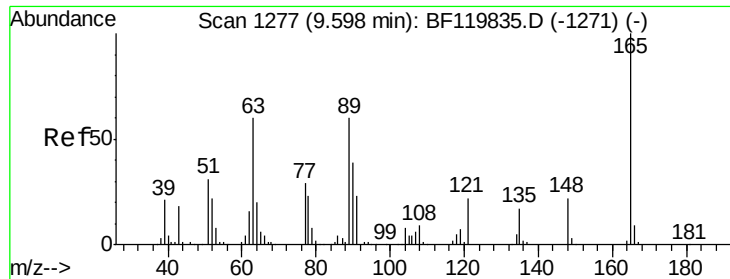


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

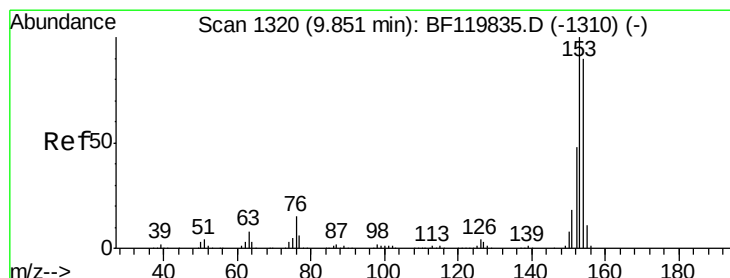
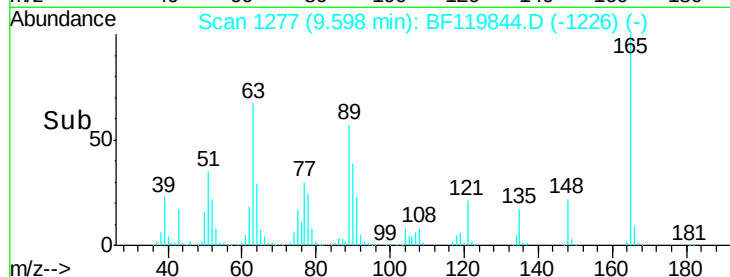
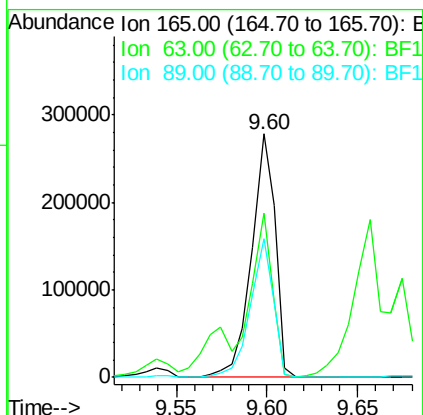
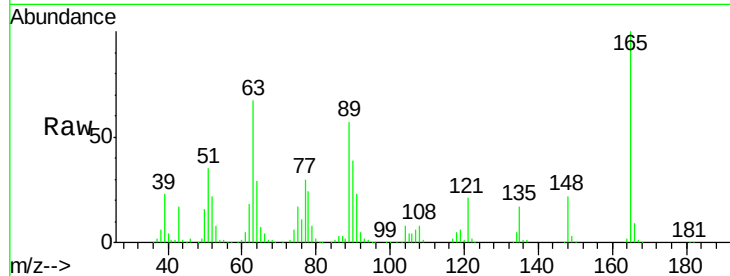




#51
 2,6-Dinitrotoluene
 Concen: 43.875 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

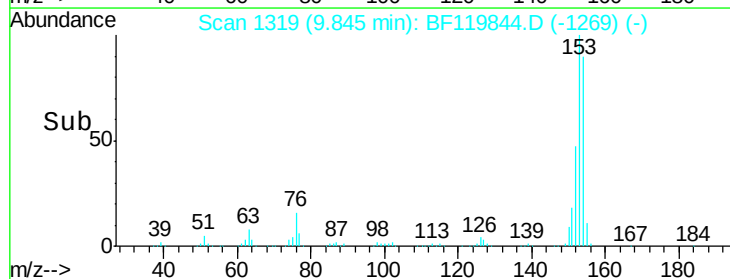
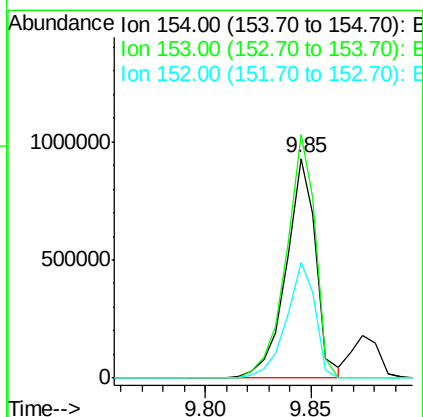
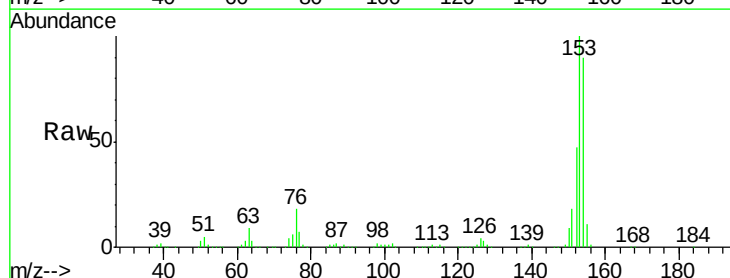
Instrument :
 BNA_F
 ClientSampled :

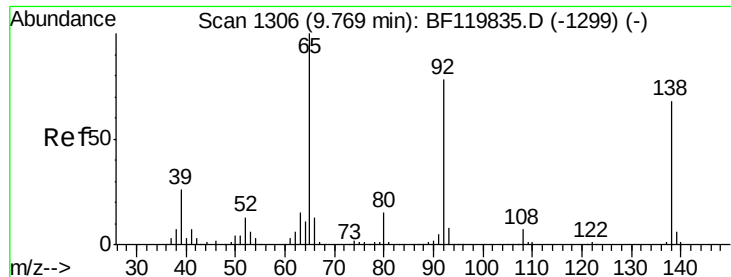
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.4	55.6	83.4
89	56.8	47.9	71.9



#52
 Acenaphthene
 Concen: 40.539 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.8	133.2
152	52.4	42.4	63.6

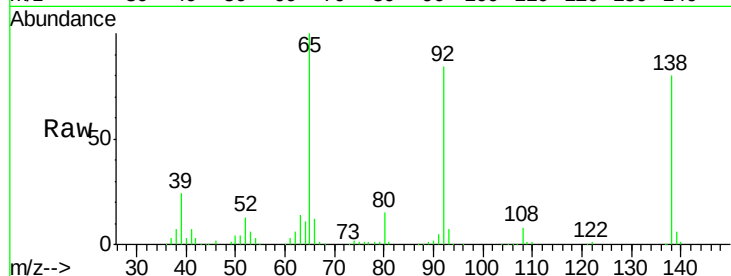




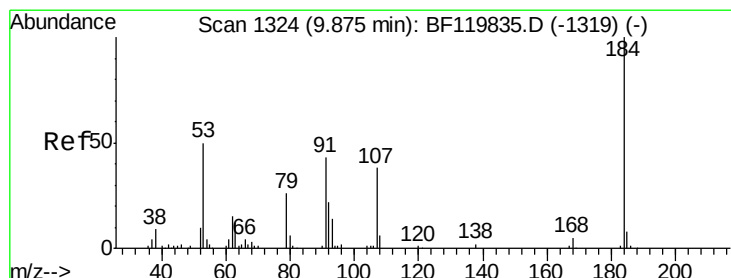
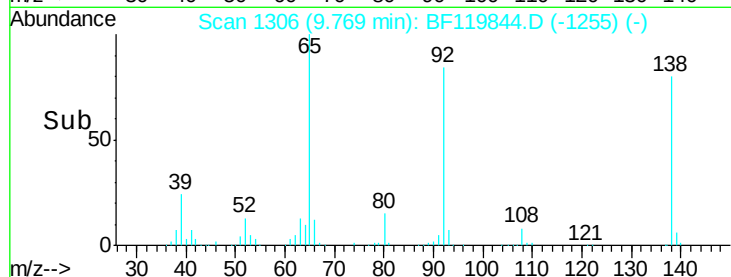
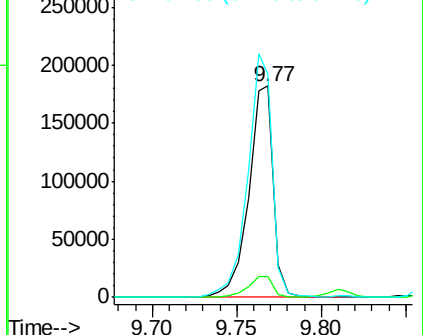
#53
3-Nitroaniline
Concen: 28.139 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 185652
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 105.7 92.1 138.1

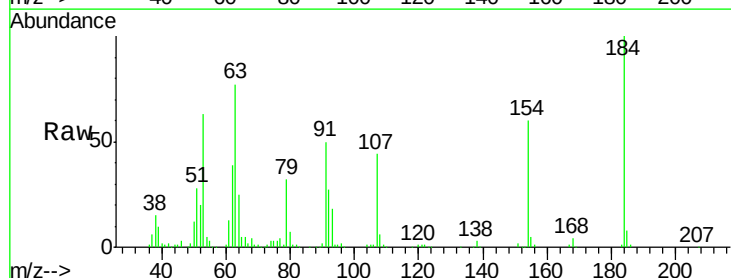


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

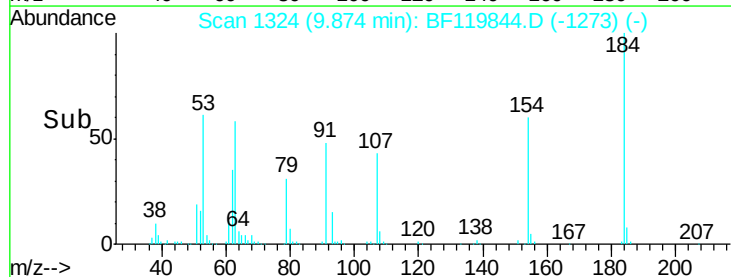
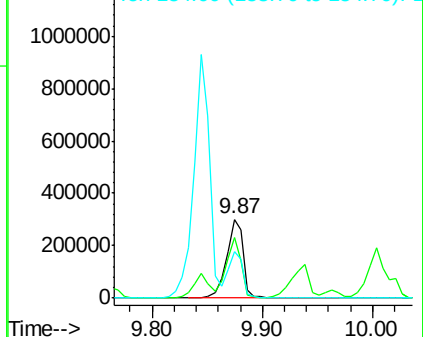


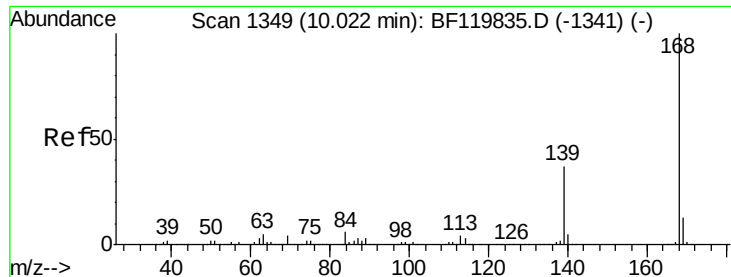
#54
2,4-Dinitrophenol
Concen: 92.806 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:184 Resp: 320974
Ion Ratio Lower Upper
184 100
63 77.4 49.8 74.6#
154 59.5 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

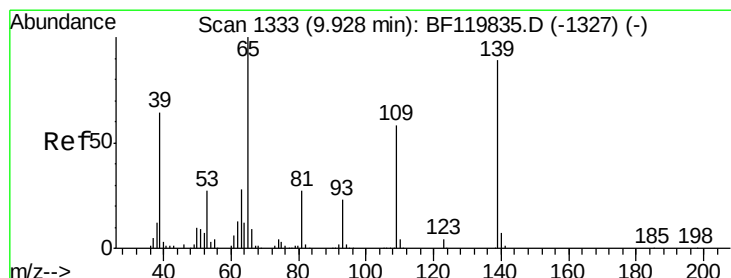
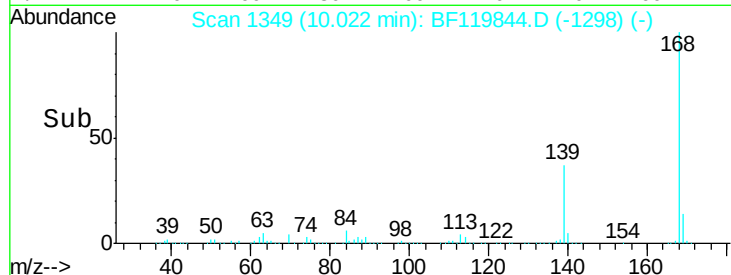
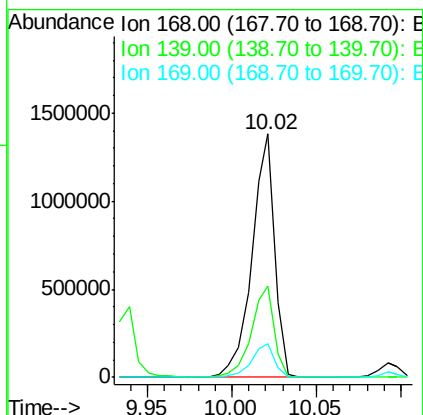
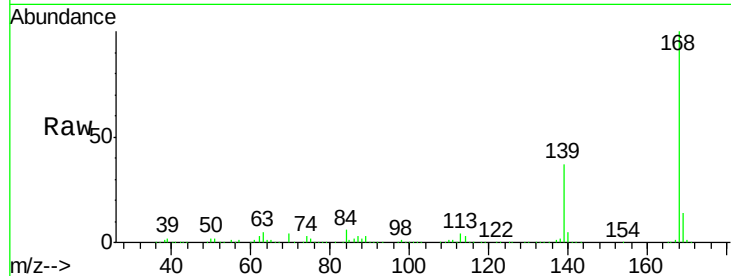




#55
Dibenzofuran
Concen: 42.080 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

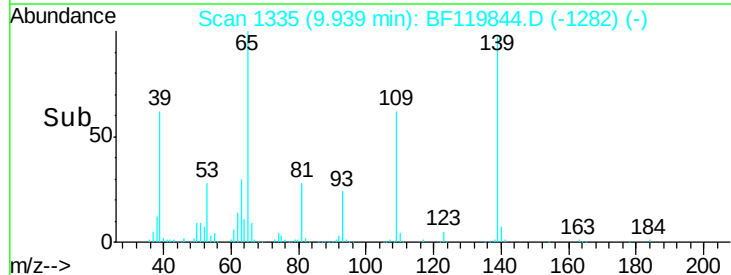
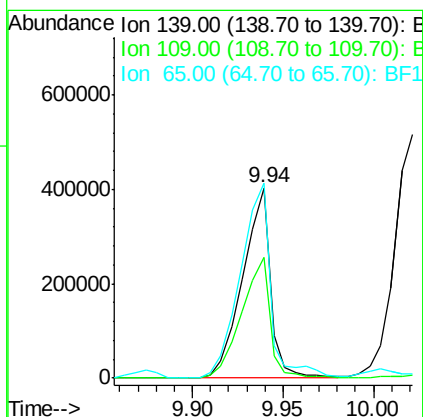
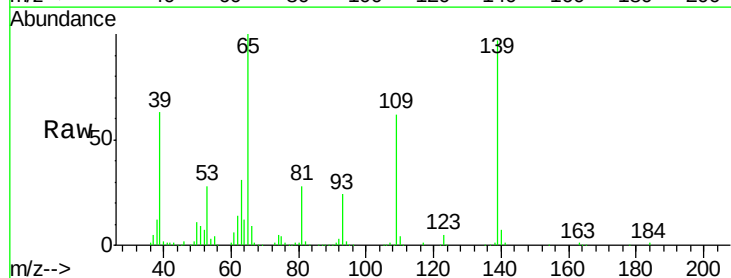
Instrument :
BNA_F
ClientSampleId :

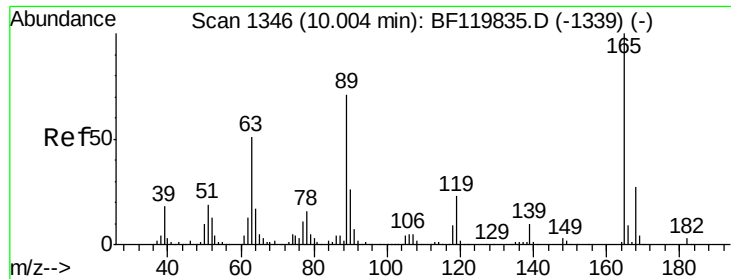
Tot Ion:168 Resp: 1299074
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.9 10.6 15.8



#56
4-Nitrophenol
Concen: 88.165 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:139 Resp: 432797
Ion Ratio Lower Upper
139 100
109 63.8 45.5 85.5
65 102.9 92.3 132.3

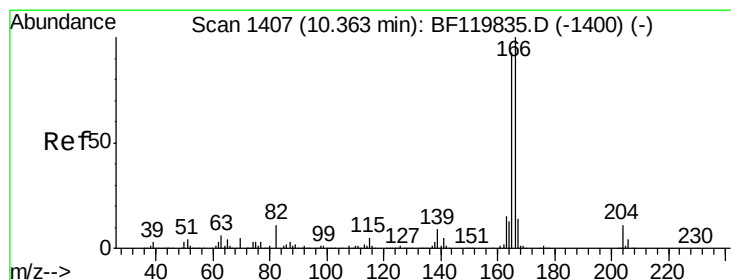
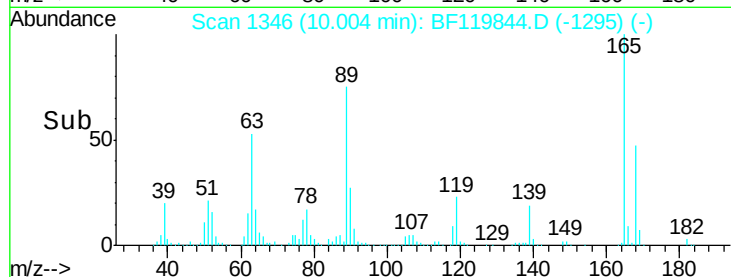
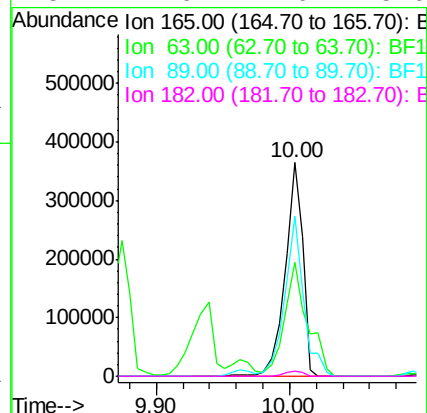
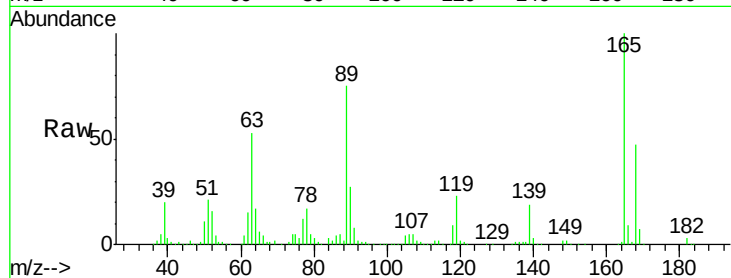




#57
2,4-Dinitrotoluene
Concen: 44.693 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

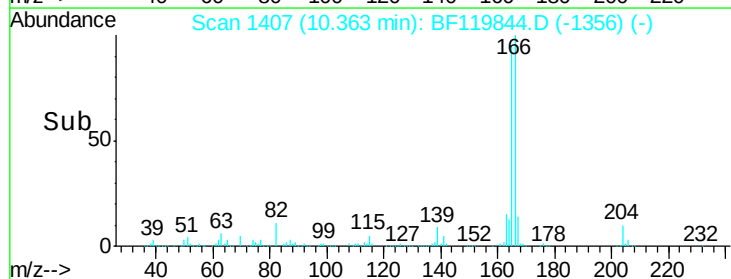
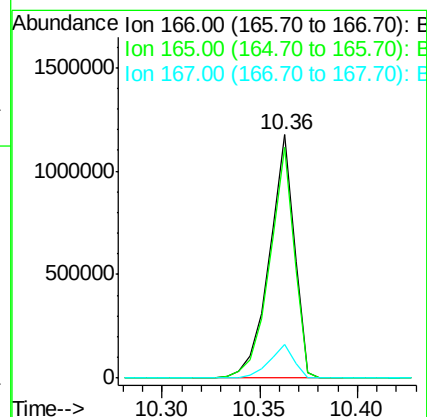
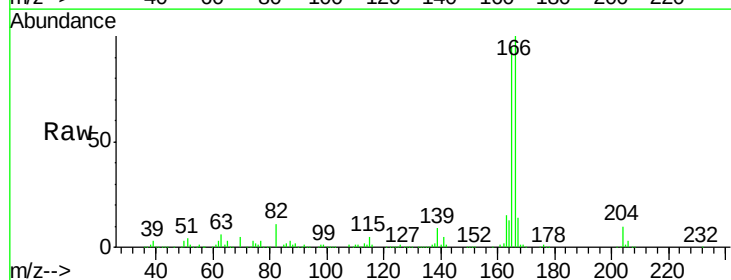
Instrument :
BNA_F
ClientSampleId :

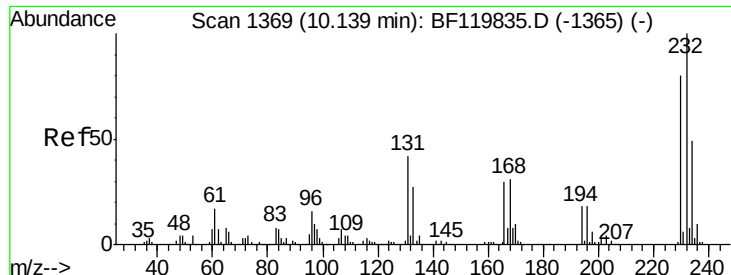
Tot Ion:165 Resp: 340155
Ion Ratio Lower Upper
165 100
63 53.4 40.8 61.2
89 75.0 56.9 85.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 42.238 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:166 Resp: 1042819
Ion Ratio Lower Upper
166 100
165 94.7 74.2 111.2
167 13.7 10.8 16.2

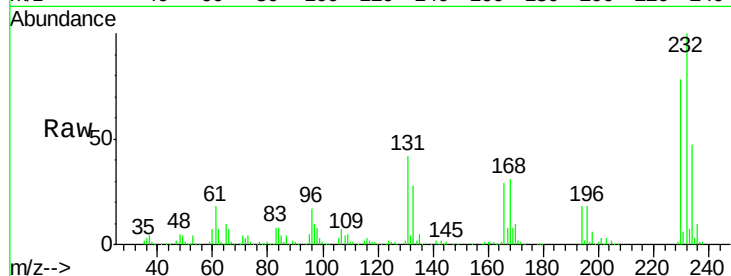




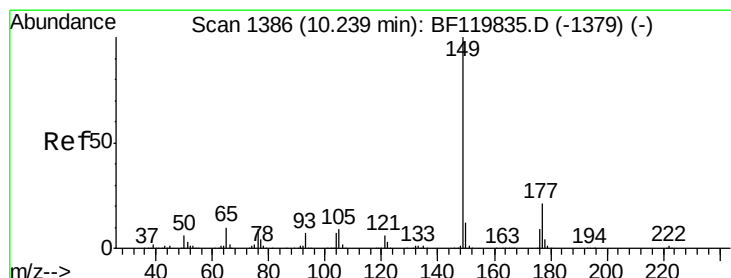
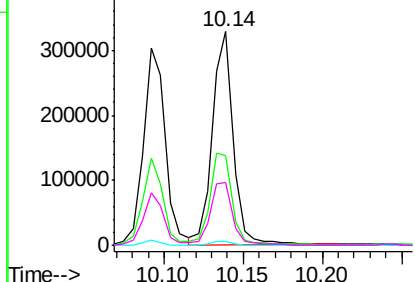
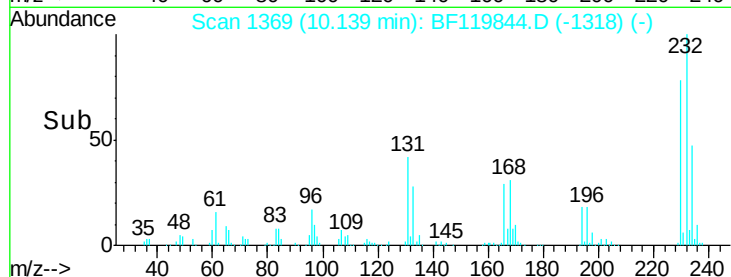
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.757 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 299598
 Ion Ratio Lower Upper
 232 100
 131 47.6 37.9 56.9
 130 2.0 1.8 2.6
 166 31.8 25.4 38.0

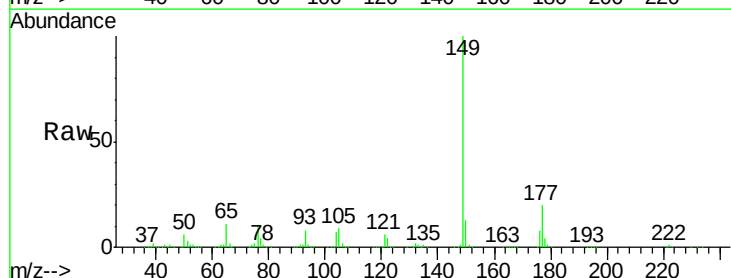


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

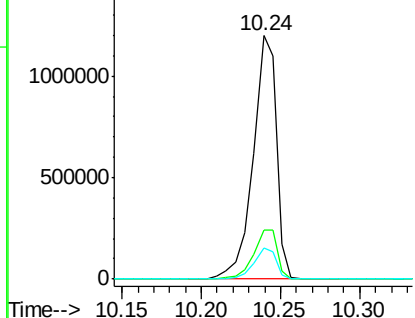
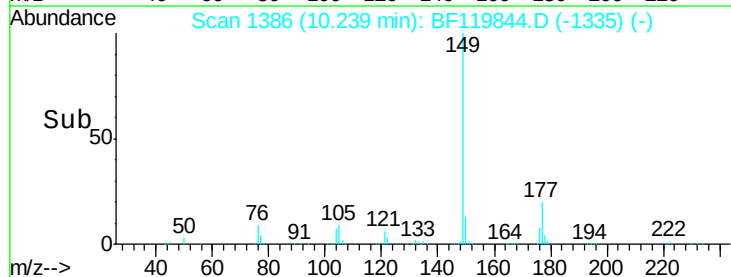


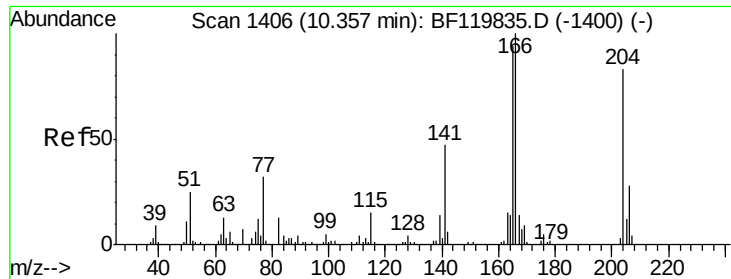
#60
 Diethylphthalate
 Concen: 44.786 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:149 Resp: 1224487
 Ion Ratio Lower Upper
 149 100
 177 20.0 16.8 25.2
 150 12.7 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

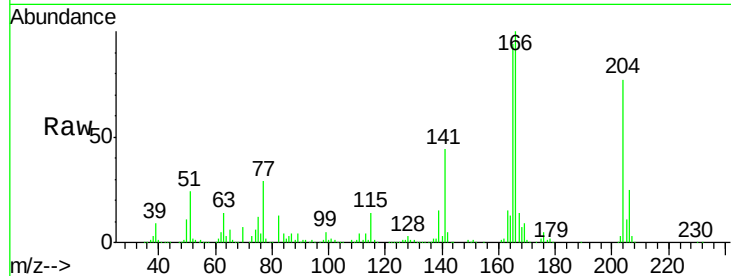




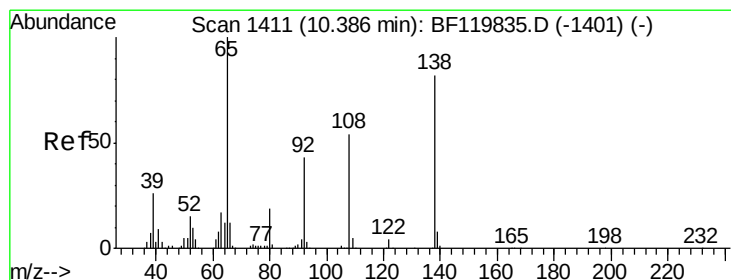
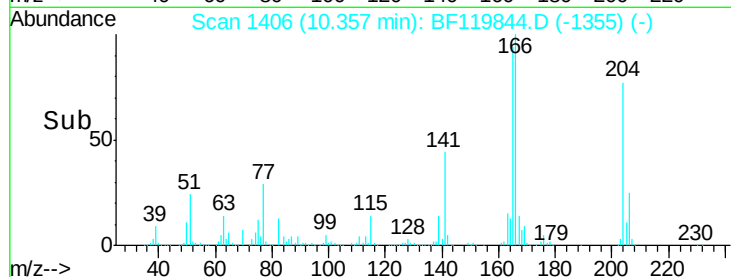
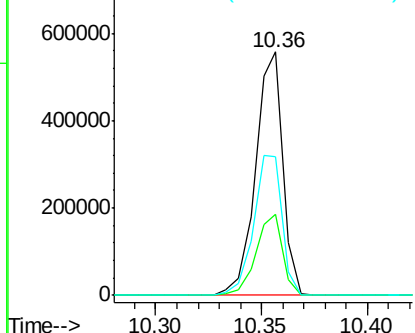
#61
 4-Chlorophenyl-phenylether
 Concen: 39.572 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 500750
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.7 40.1
 141 57.0 45.8 68.8

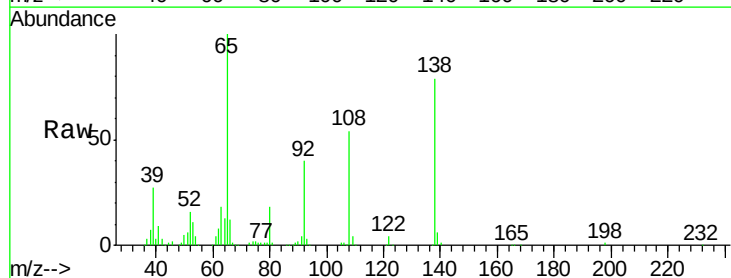


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

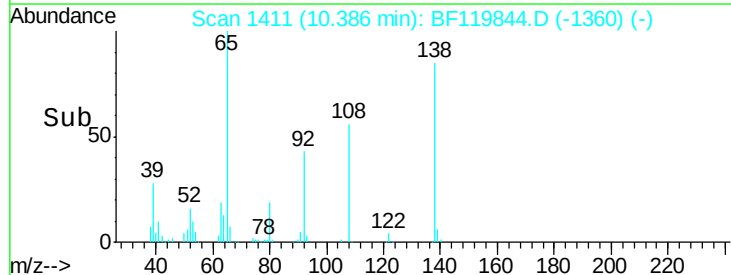
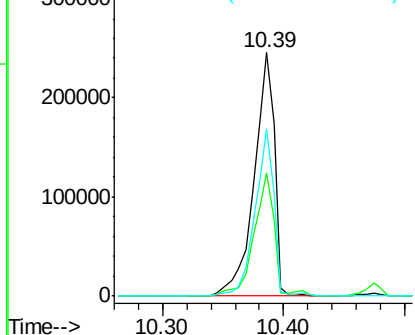


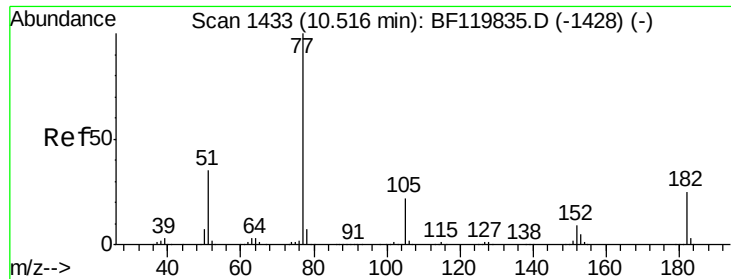
#62
 4-Nitroaniline
 Concen: 46.017 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:138 Resp: 289336
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.6 71.6
 108 68.6 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



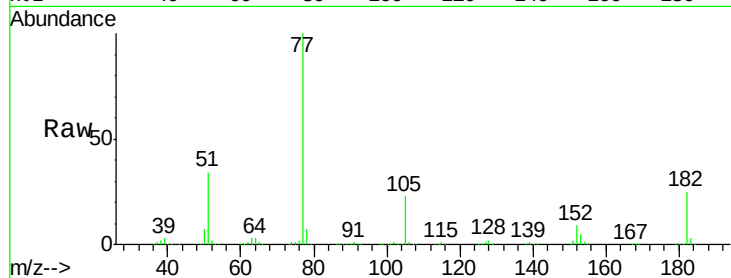


#63
Azobenzene
Concen: 47.715 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1169137

Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.5	44.5
105	22.5	2.2	42.2
51	34.3	15.1	55.1

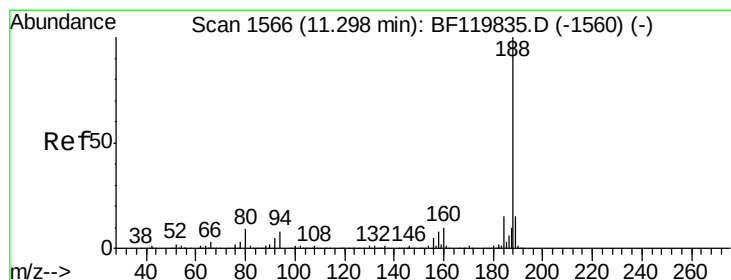
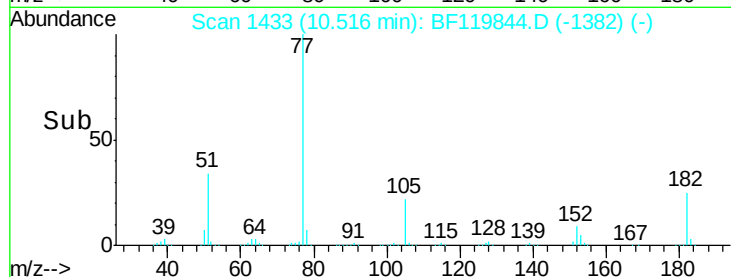
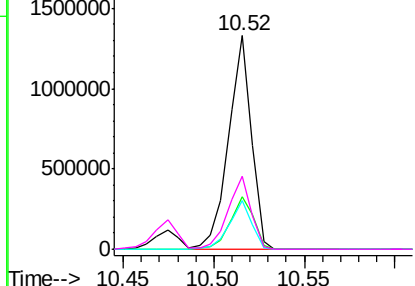


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

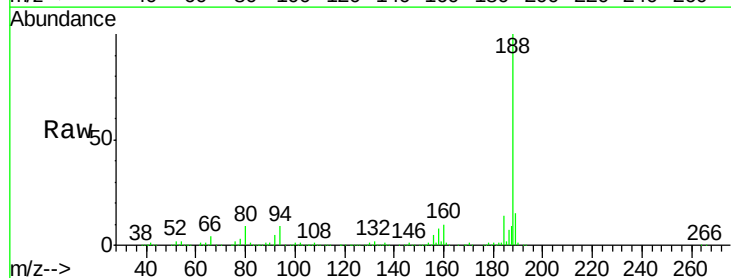
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion: 188 Resp: 663032

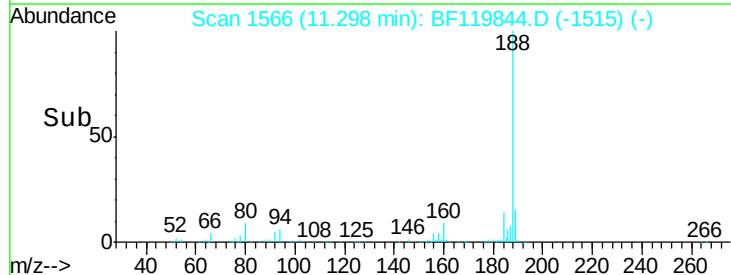
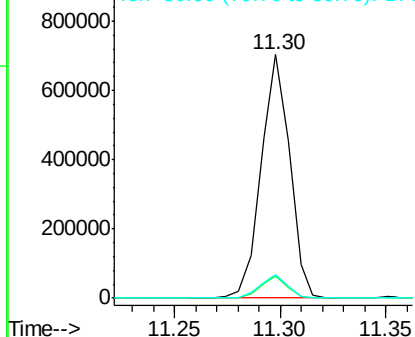
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.4	7.4	11.2

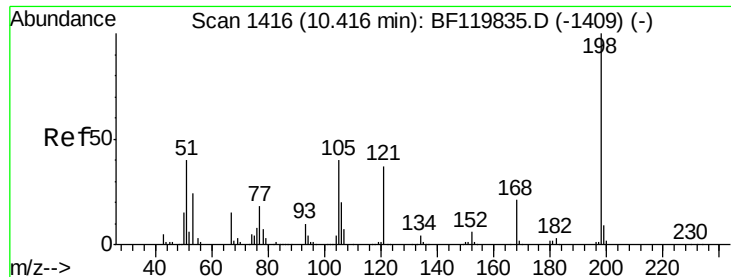


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

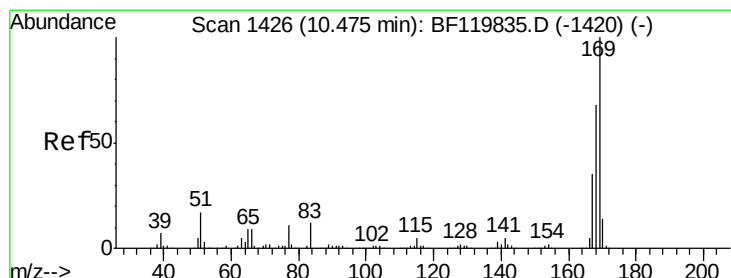
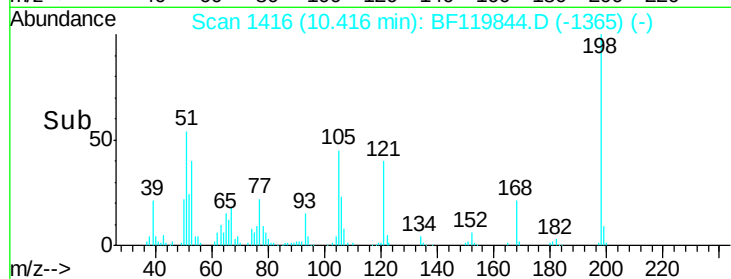
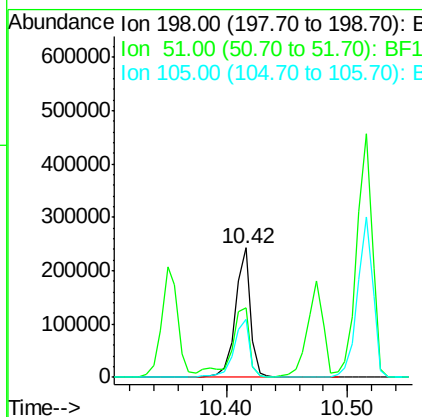
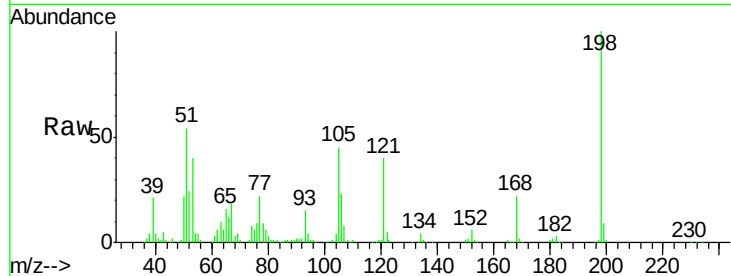




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.640 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

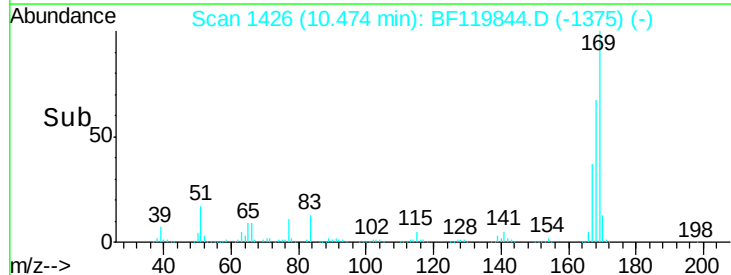
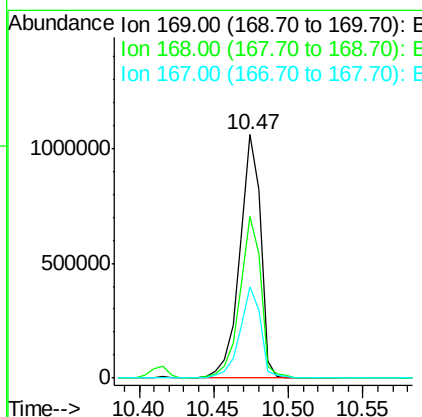
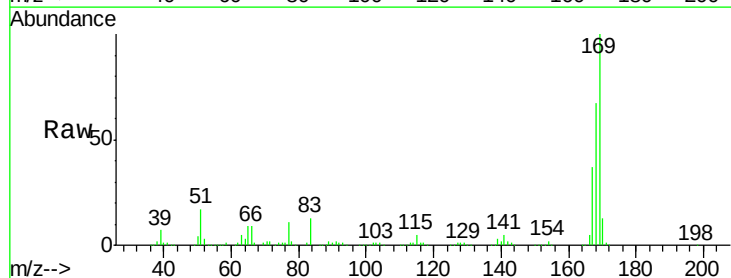
Instrument :
 BNA_F
 ClientSampleId :

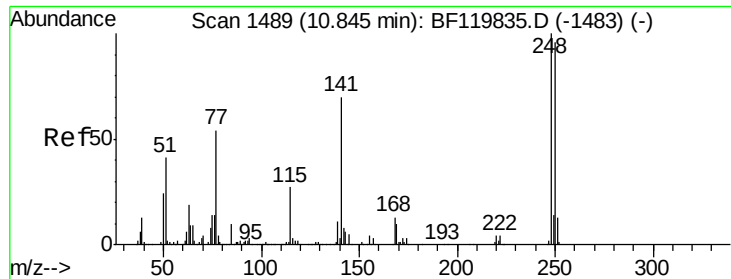
Tot Ion:198 Resp: 212467
 Ion Ratio Lower Upper
 198 100
 51 53.9 25.2 65.2
 105 44.6 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 46.687 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:169 Resp: 1029474
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.2 81.4
 167 37.3 28.3 42.5

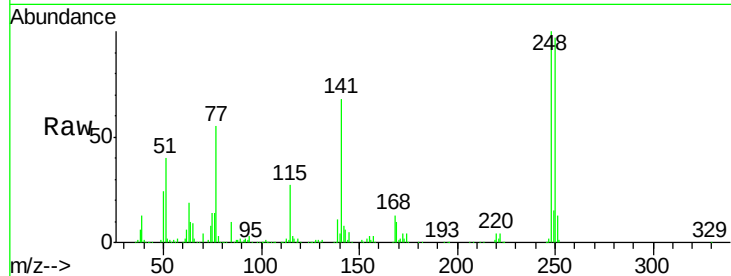




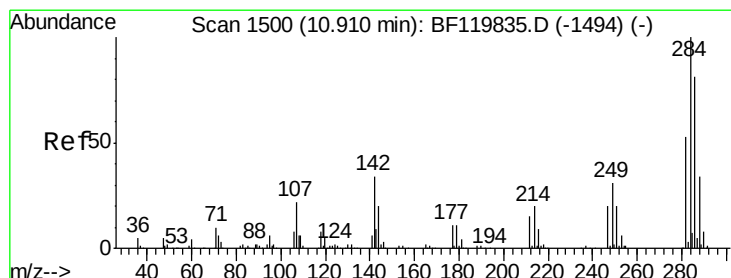
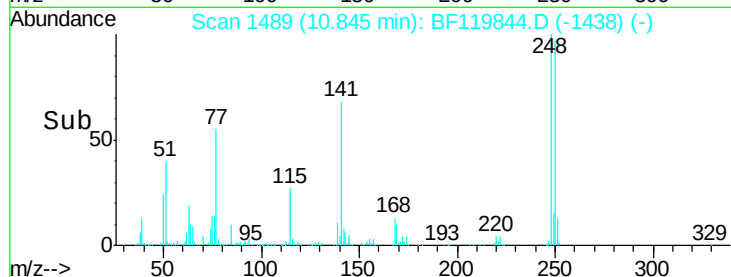
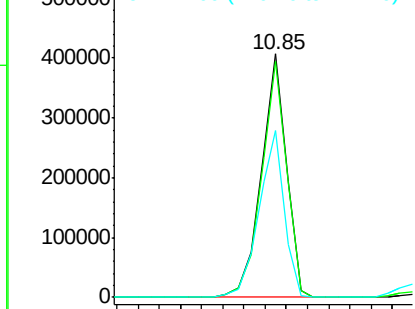
#67
4-Bromophenyl-phenylether
Concen: 40.800 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 336414
Ion Ratio Lower Upper
248 100
250 96.8 76.6 114.8
141 68.4 55.9 83.9

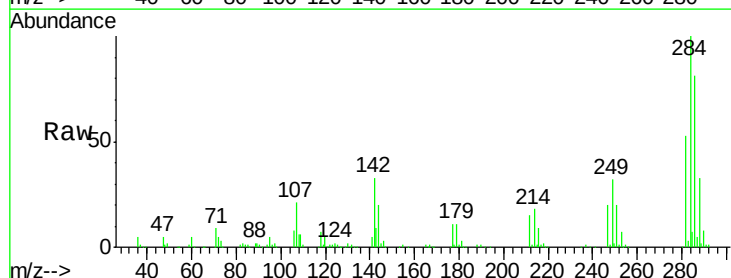


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

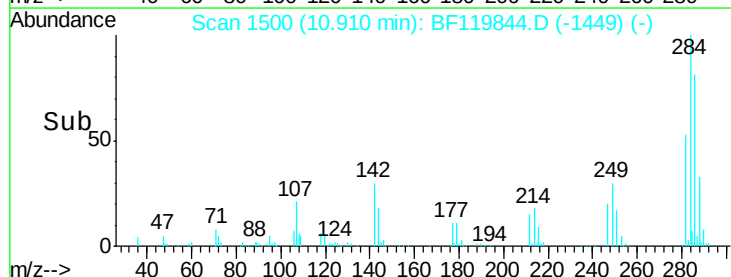
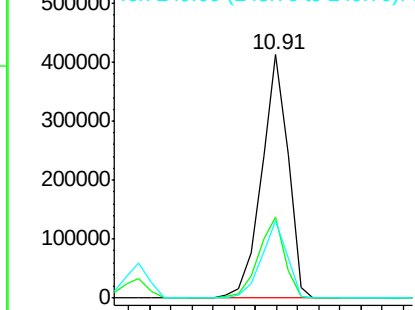


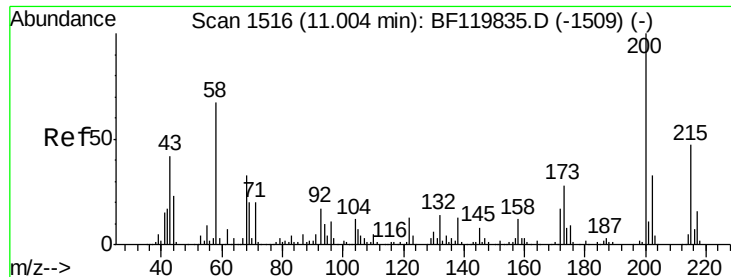
#68
Hexachlorobenzene
Concen: 42.959 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:284 Resp: 359336
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 31.6 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

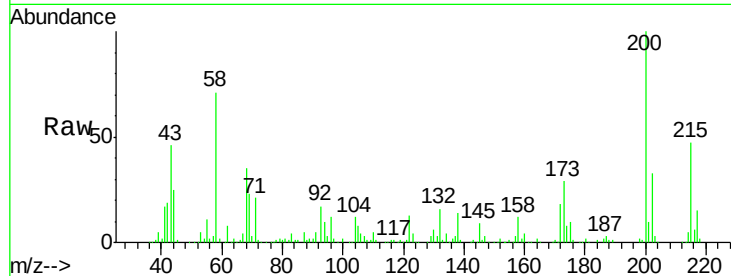




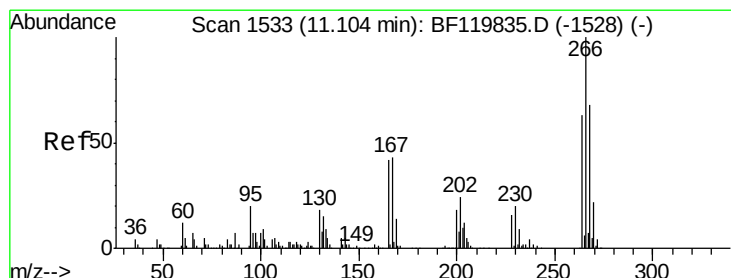
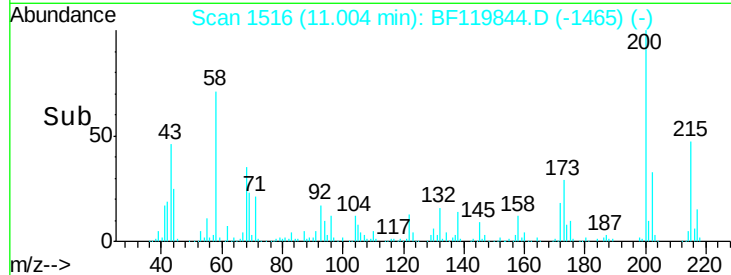
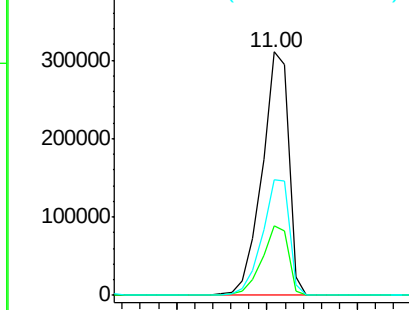
#69
Atrazine
Concen: 51.875 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.0	48.0
215	47.3	27.1	67.1

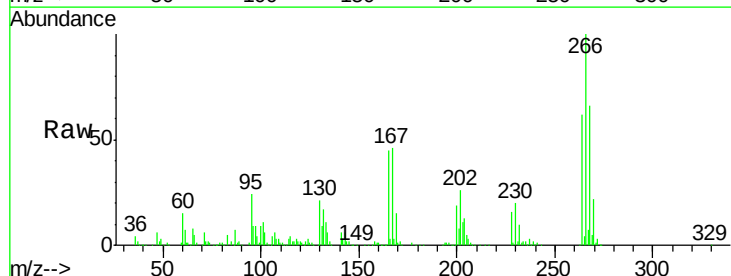


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

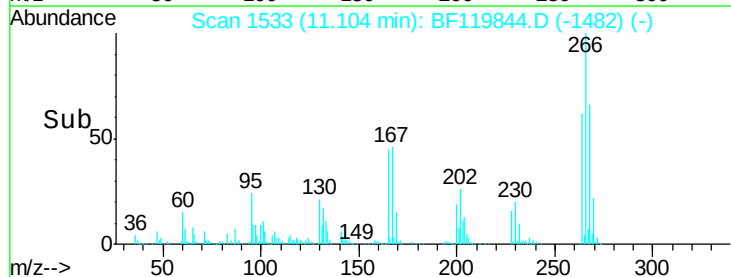
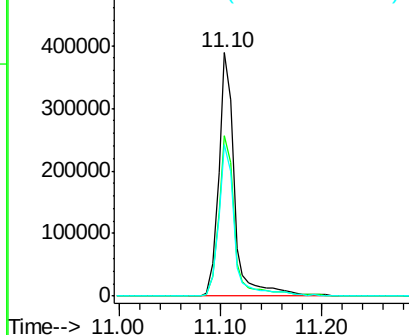


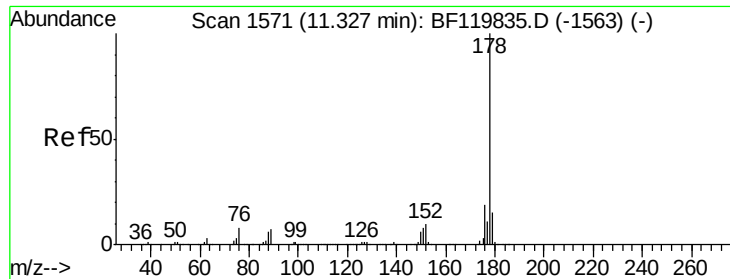
#70
Pentachlorophenol
Concen: 87.276 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	54.2	81.4
264	62.2	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

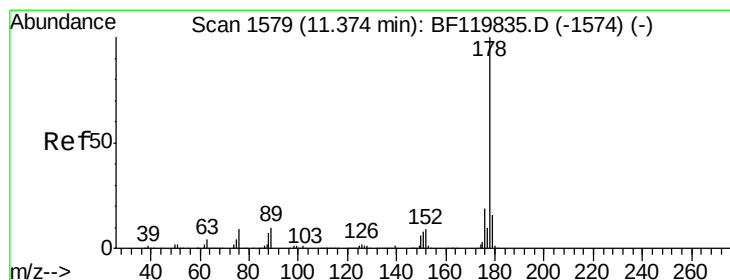
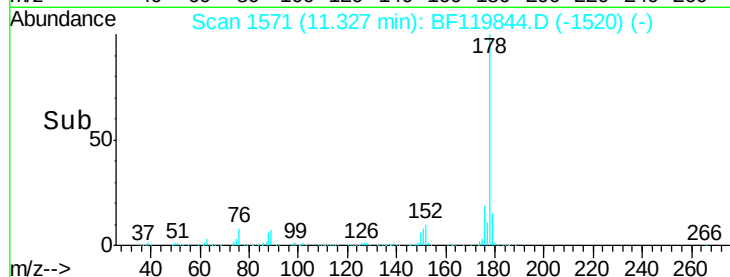
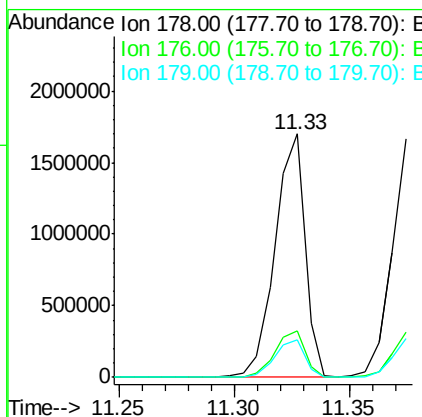
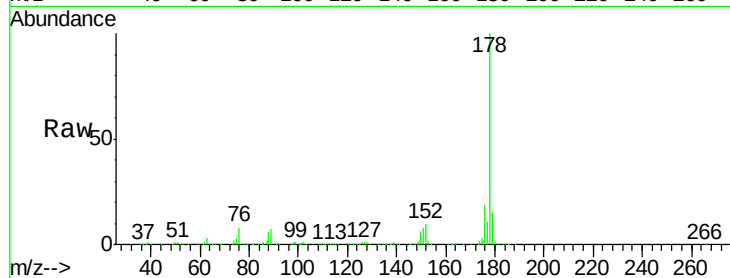




#71
Phenanthrene
Concen: 43.361 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

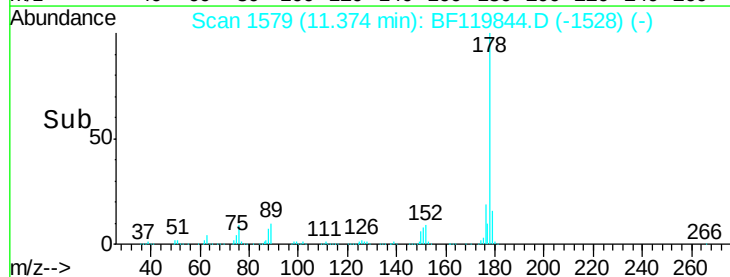
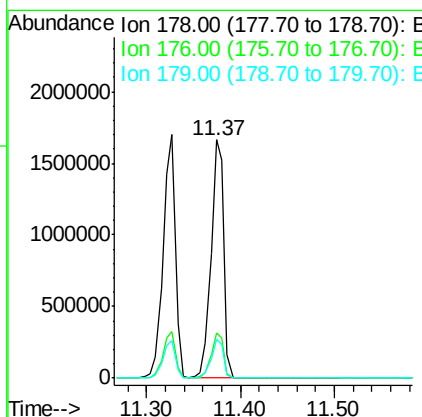
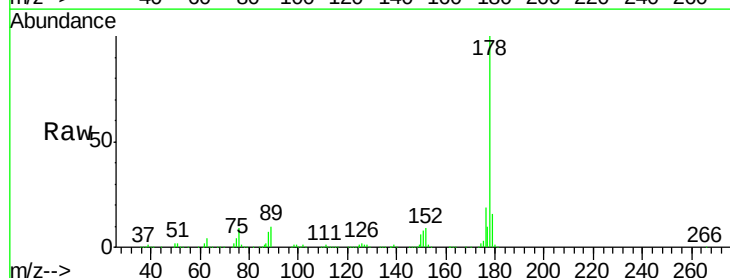
Instrument :
BNA_F
ClientSampleId :

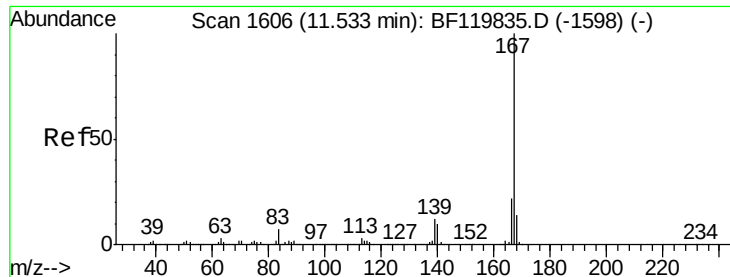
Tot Ion:178 Resp: 1530094
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.4 12.2 18.4



#72
Anthracene
Concen: 44.386 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:178 Resp: 1600014
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.5 12.8 19.2

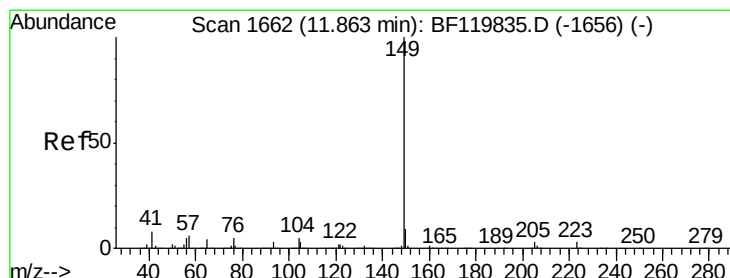
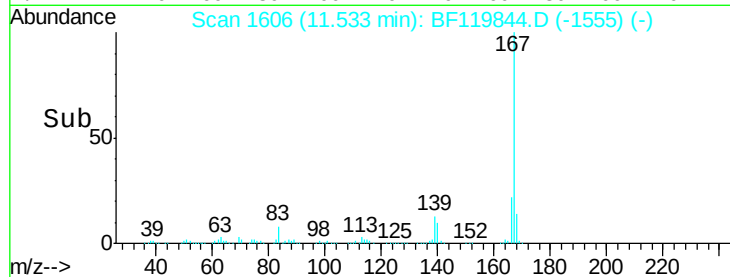
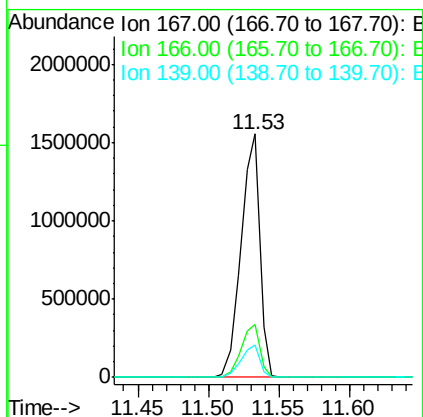
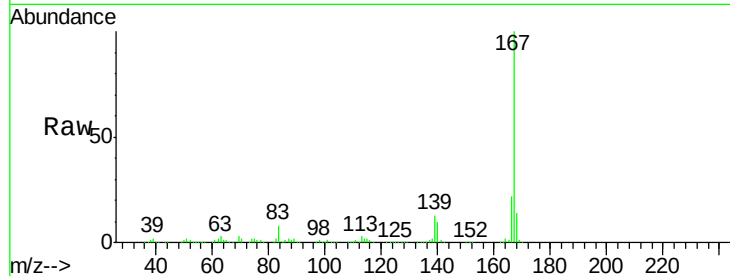




#73
 Carbazole
 Concen: 42.263 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

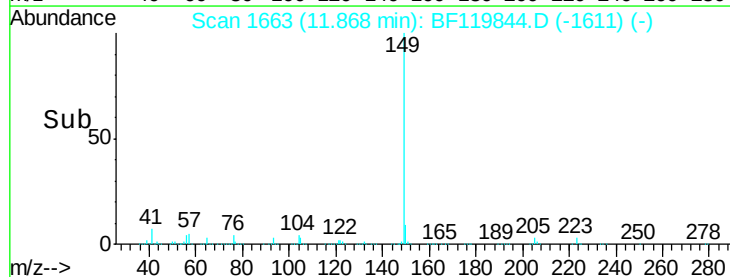
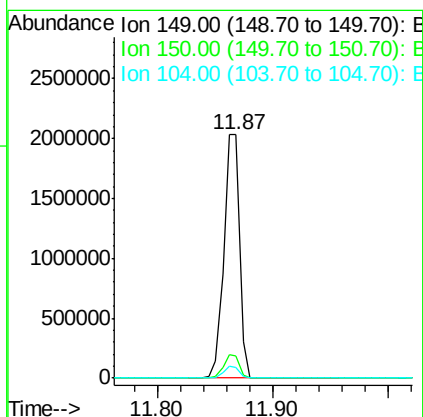
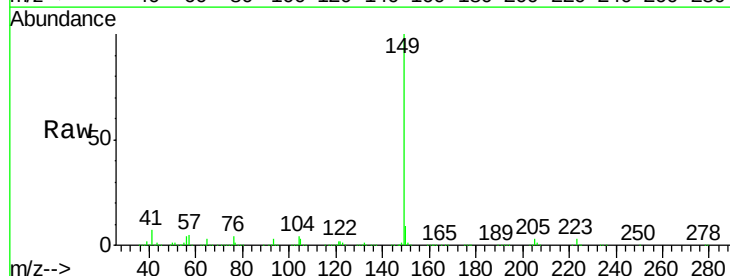
Instrument :
 BNA_F
 ClientSampleId :

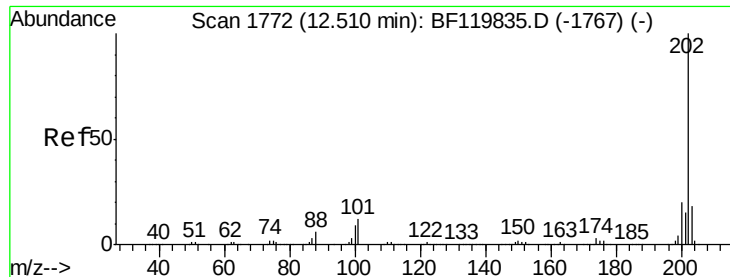
Tot Ion:167 Resp: 1440714
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.2 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 42.667 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:149 Resp: 1912068
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.4 3.8 5.6

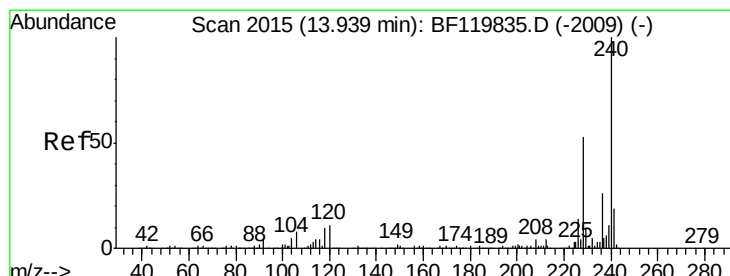
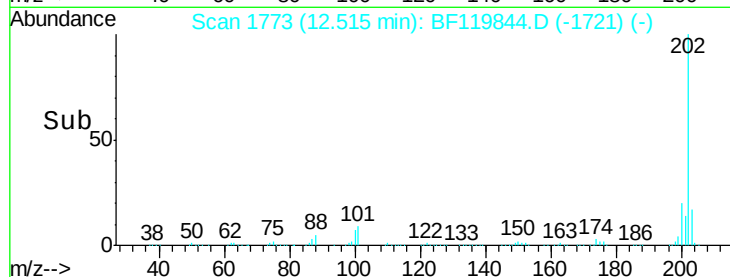
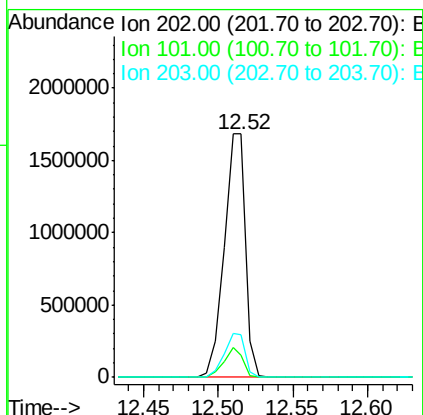
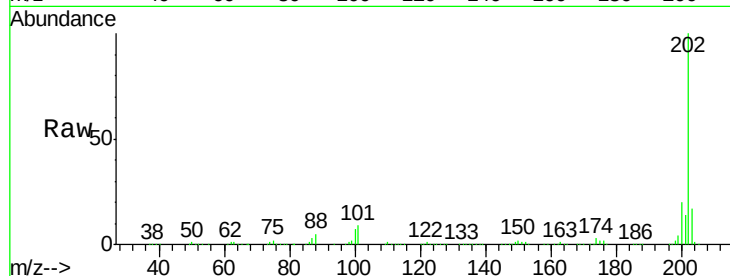




#75
 Fluoranthene
 Concen: 44.535 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

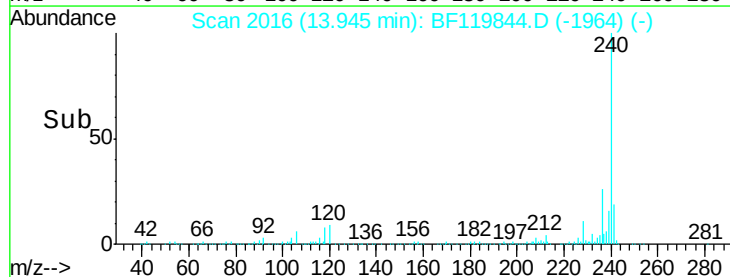
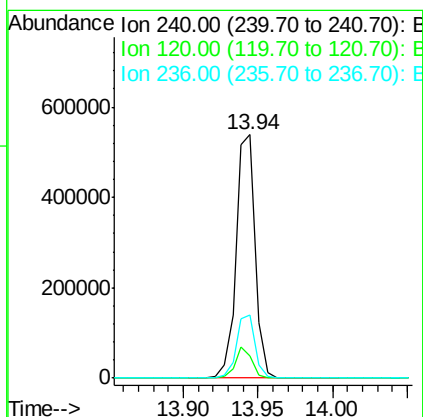
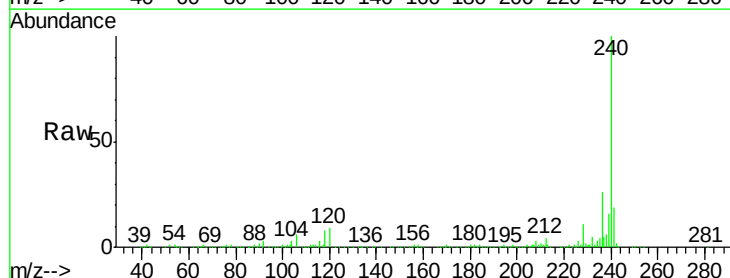
Instrument :
 BNA_F
 ClientSampleId :

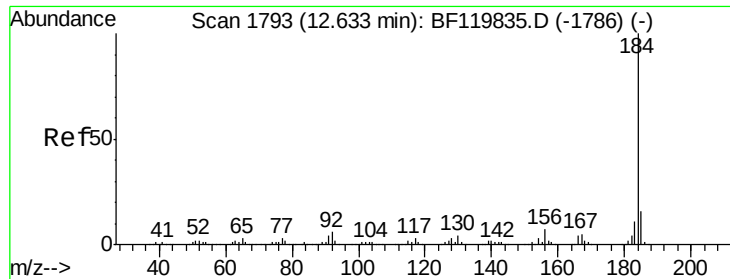
Tot Ion:202 Resp: 1695651
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 32.3
 203 17.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:240 Resp: 482543
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.0 13.6#
 236 25.8 20.7 31.1





#77

Benzidine

Concen: 41.283 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampled :

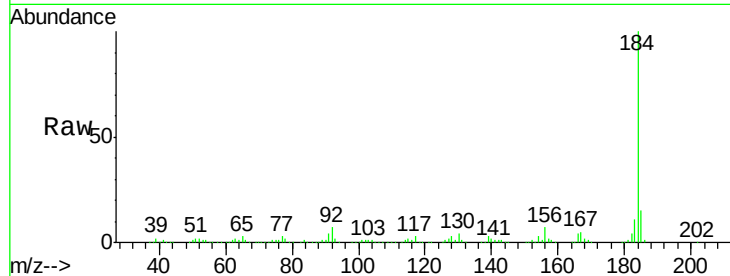
Tot Ion:184 Resp: 673373

Ion Ratio Lower Upper

184 100

185 14.6 13.2 19.8

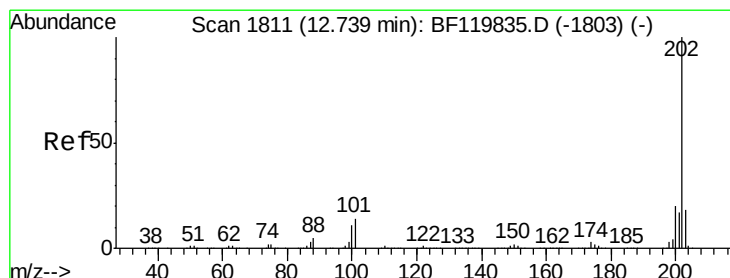
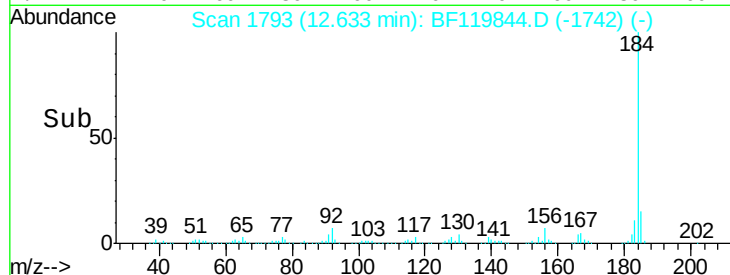
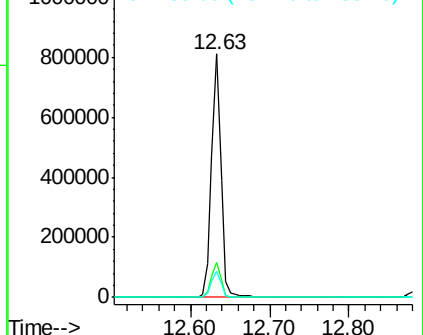
183 10.8 9.1 13.7



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: 41.123 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

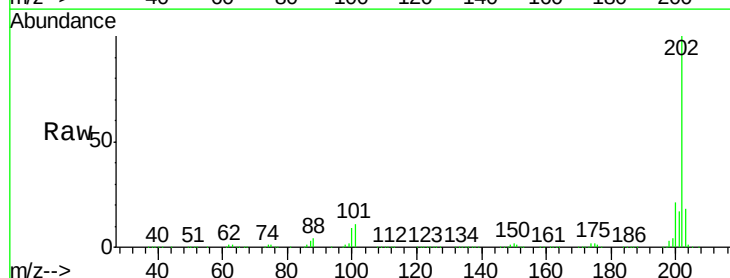
Tgt Ion:202 Resp: 1672869

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

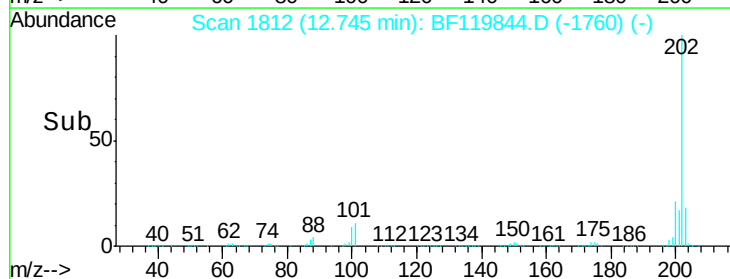
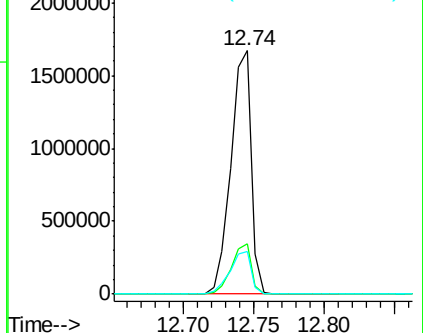
203 17.5 14.1 21.1

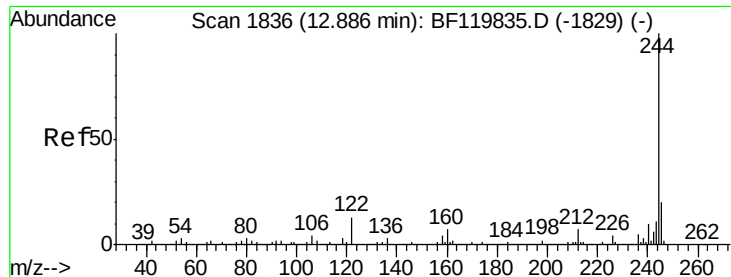


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.088 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampled :

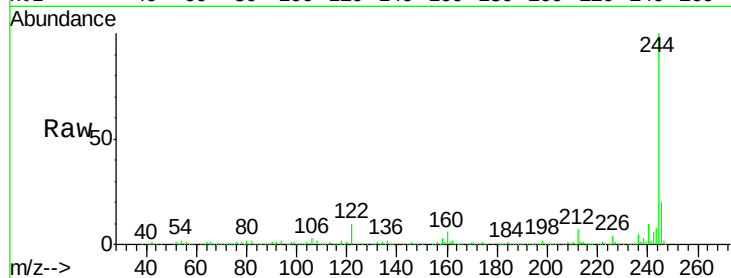
Tot Ion:244 Resp: 2354073

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

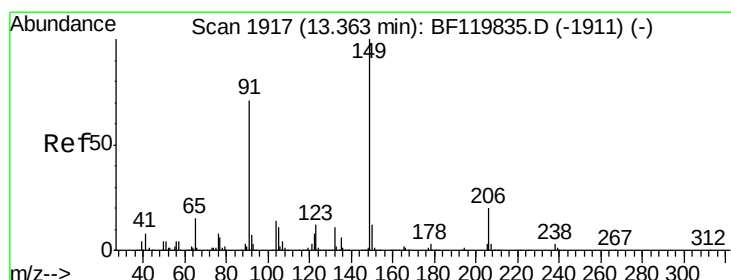
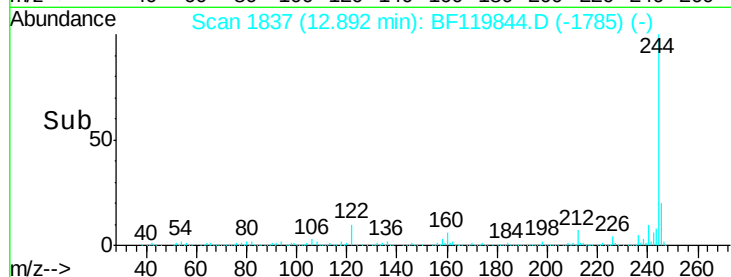
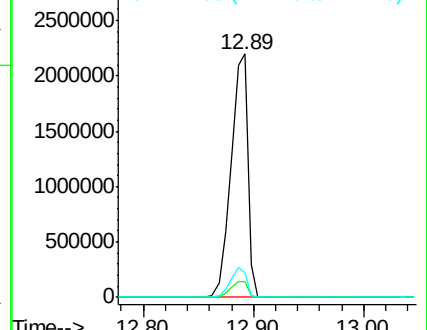
122 9.9 10.3 15.5#



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: 40.243 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

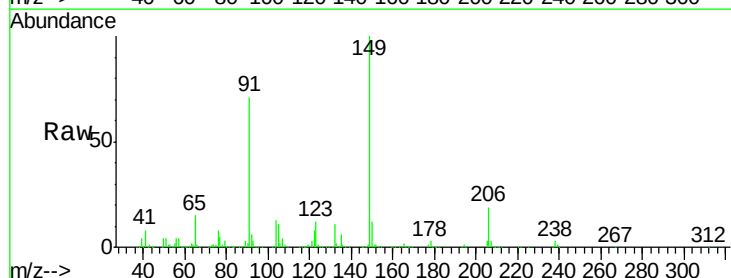
Tgt Ion:149 Resp: 794356

Ion Ratio Lower Upper

149 100

91 71.2 56.7 85.1

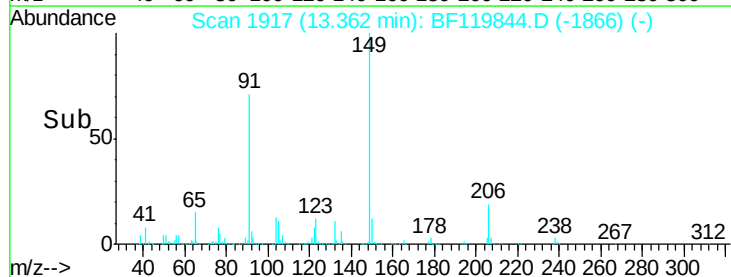
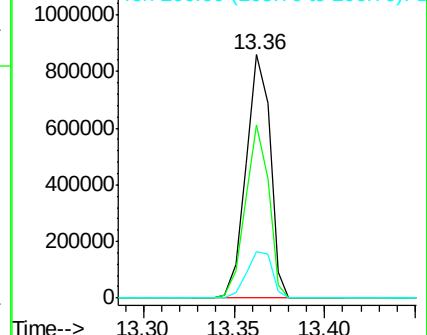
206 19.2 15.7 23.5

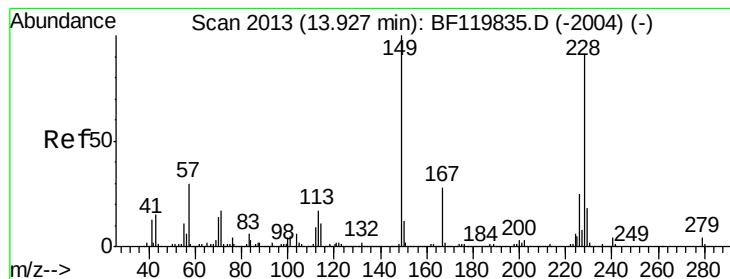


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.402 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

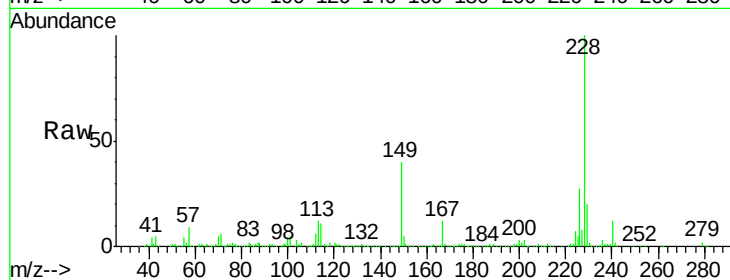
Tot Ion:228 Resp: 1346036

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

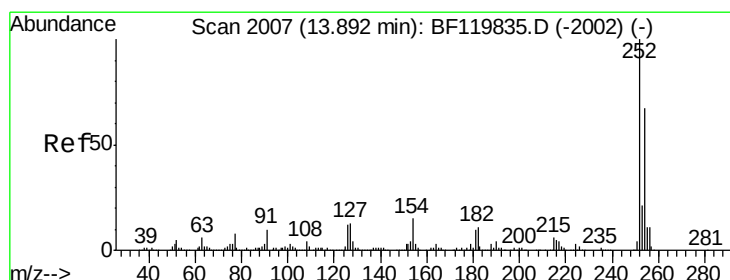
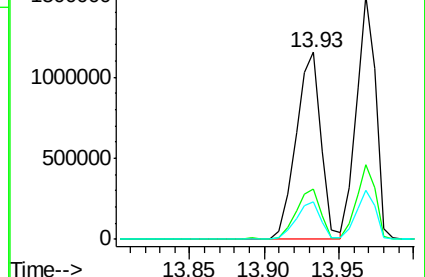
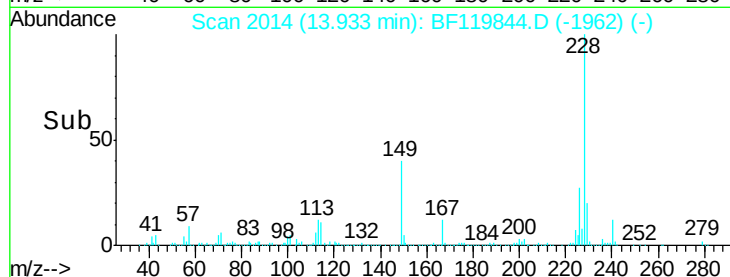
229 19.8 15.9 23.9



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: 32.818 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

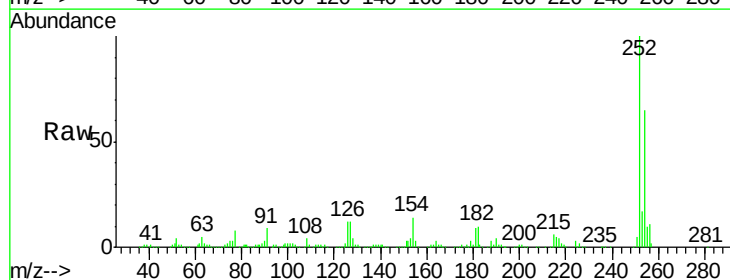
Tgt Ion:252 Resp: 388714

Ion Ratio Lower Upper

252 100

254 64.6 53.9 80.9

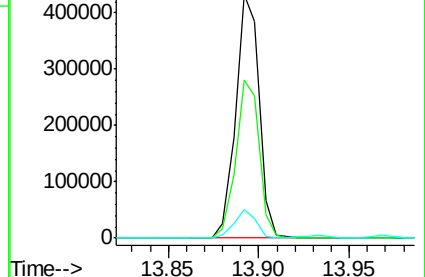
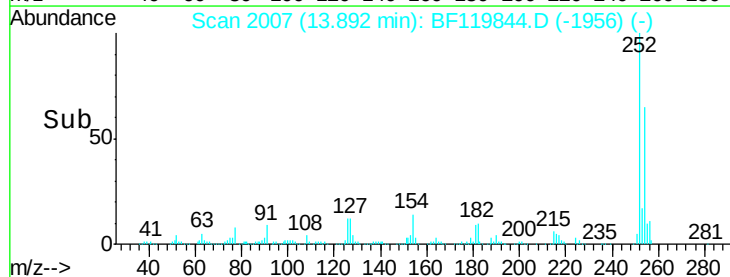
126 11.6 9.7 14.5

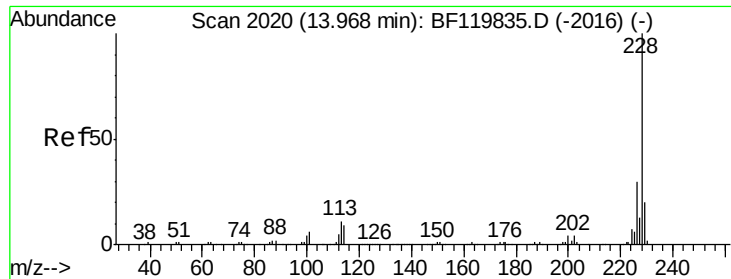


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

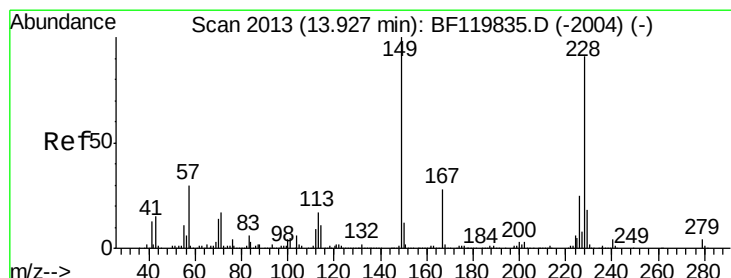
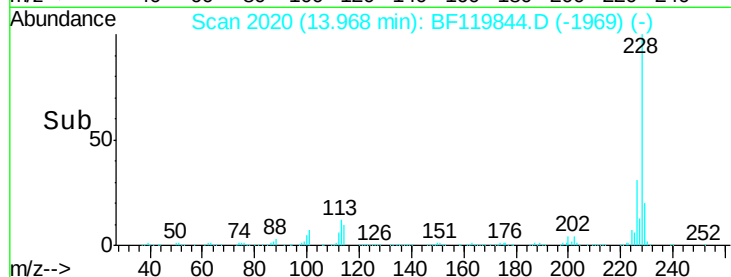
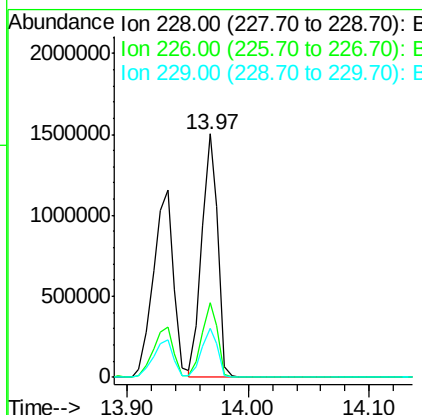
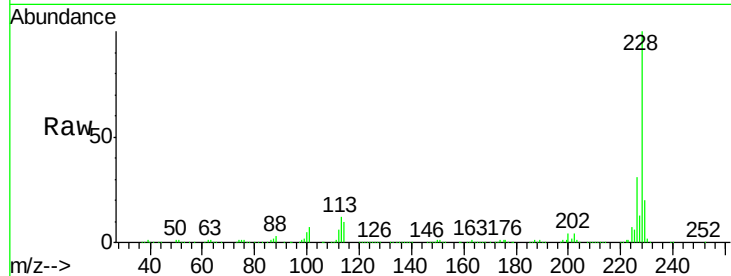




#83
 Chrysene
 Concen: 42.681 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

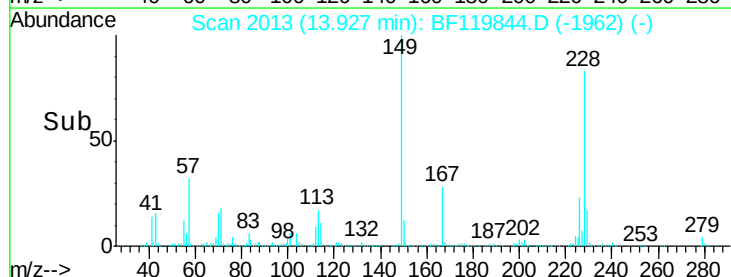
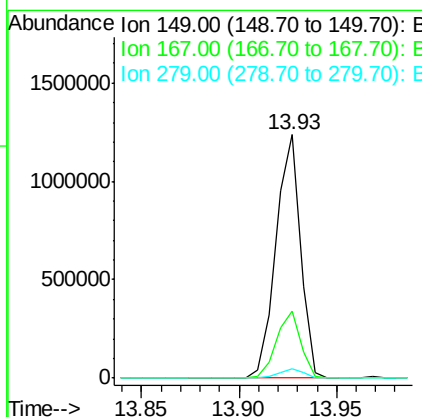
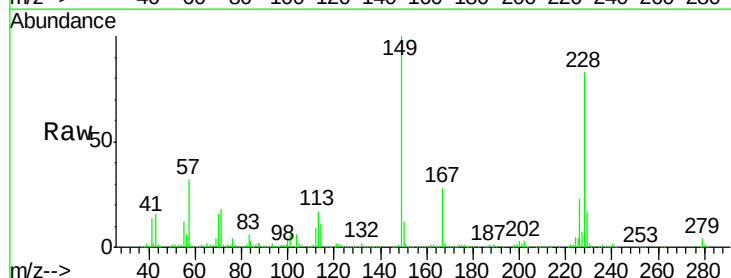
Instrument :
 BNA_F
 ClientSampleId :

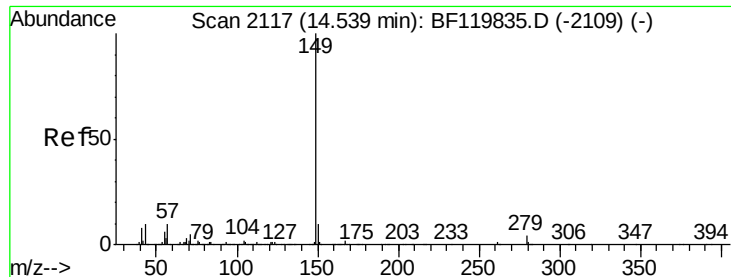
Tot Ion:228 Resp: 1376700
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 20.3 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.436 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:149 Resp: 1080874
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 3.9 3.4 5.0

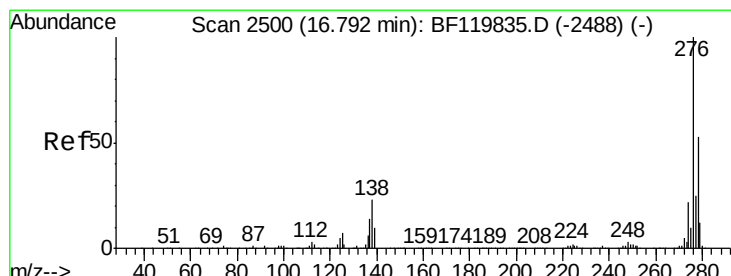
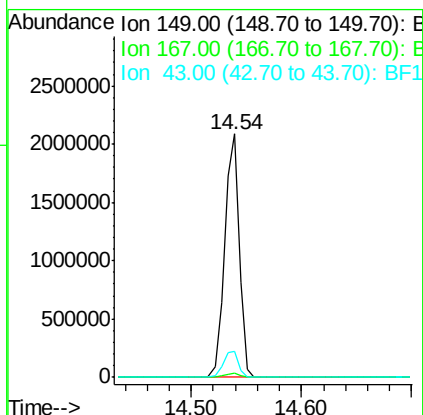
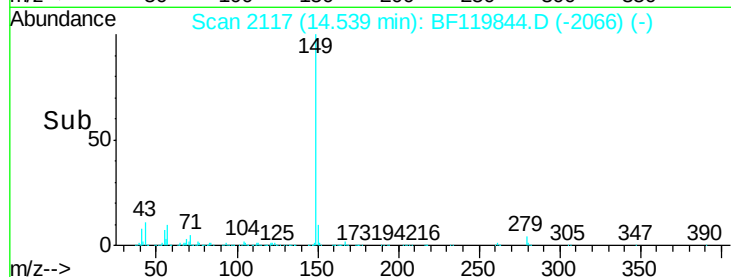
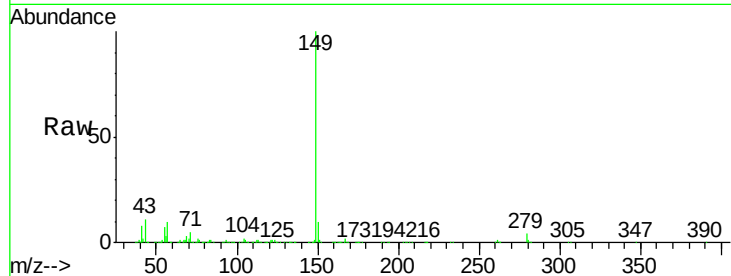




#85
Di-n-octyl phthalate
Concen: 42.285 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

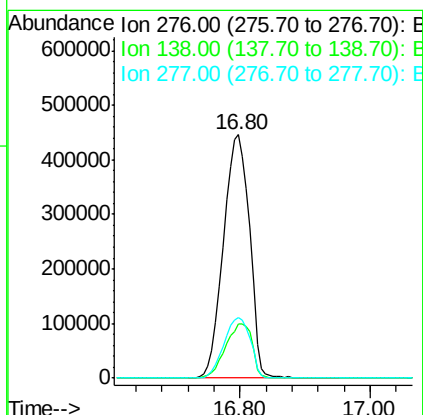
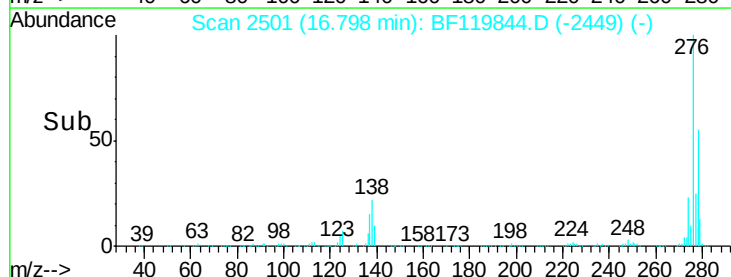
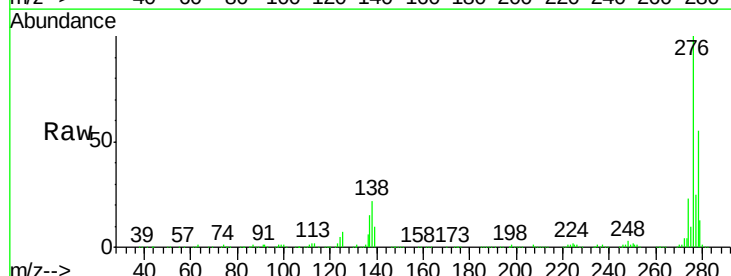
Instrument :
BNA_F
ClientSampled :

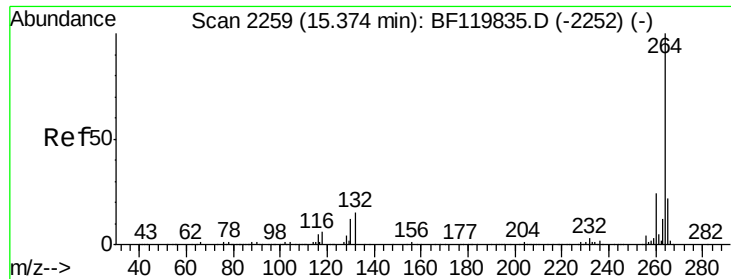
Tot Ion:149 Resp: 1924542
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.536 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:276 Resp: 1237845
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.3 20.1 30.1



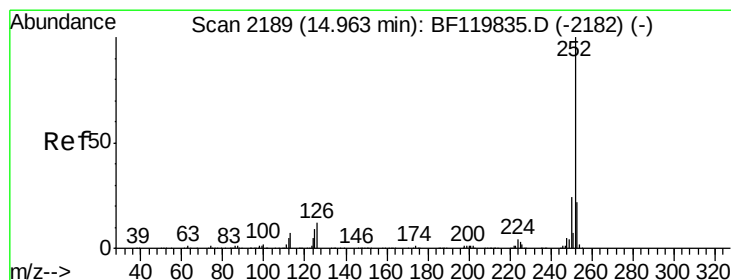
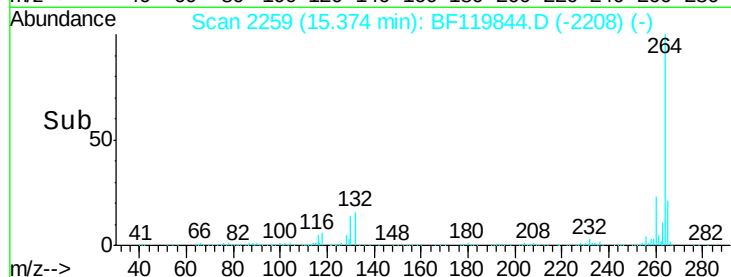
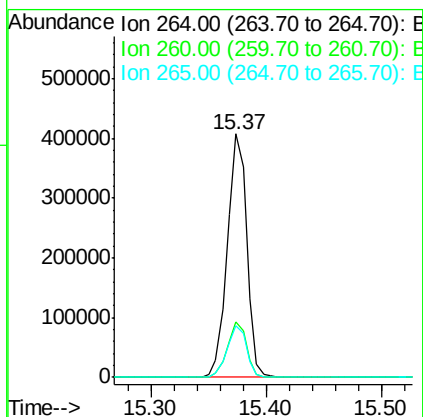
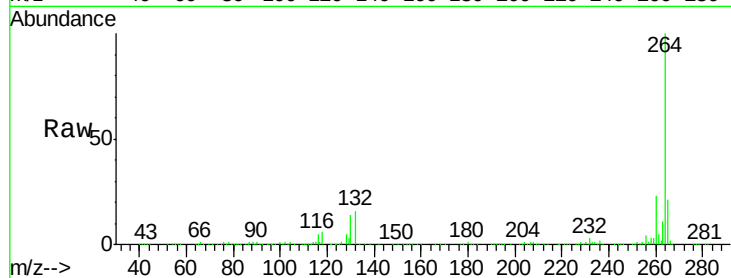


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 476048

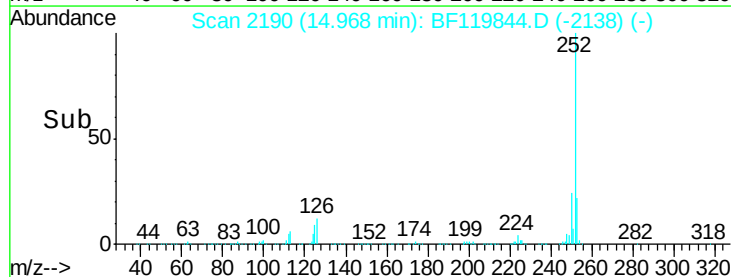
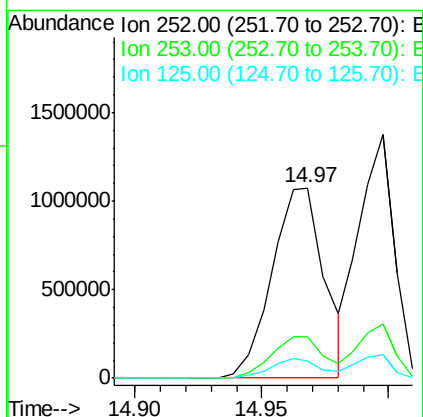
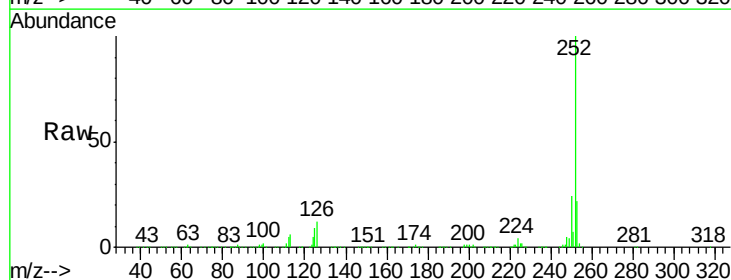
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.1	17.6	26.4

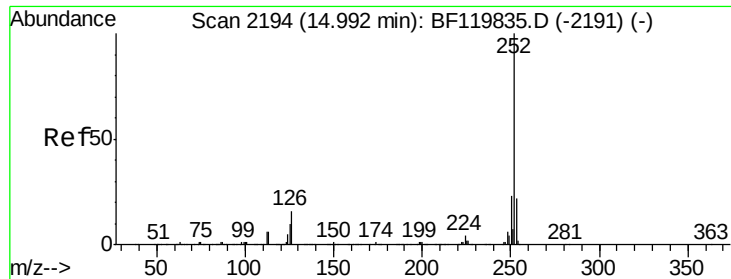


#88
Benzo(b)fluoranthene
Concen: 45.236 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:252 Resp: 1549139

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.8	7.4	11.2

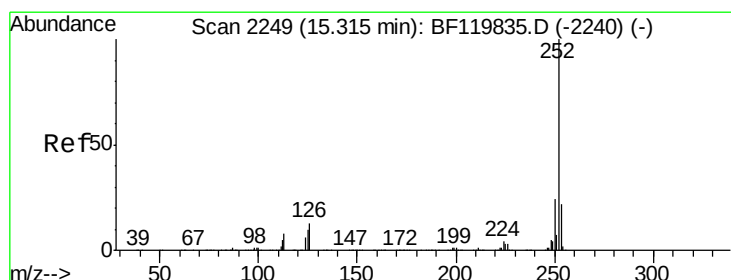
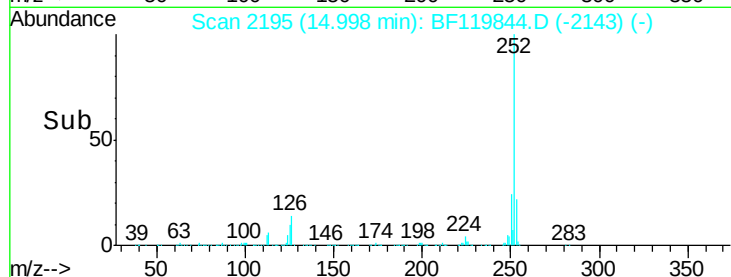
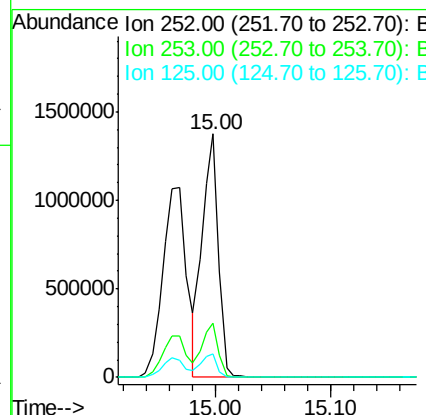
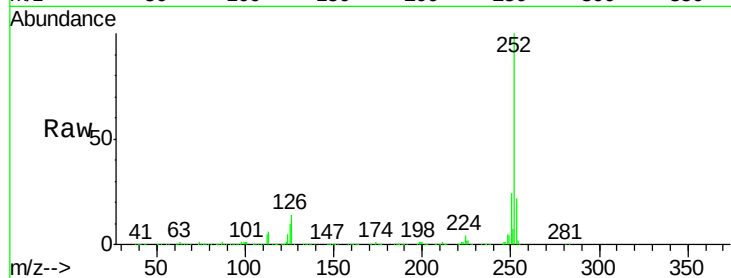




#89
Benzo(k)fluoranthene
Concen: 45.688 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

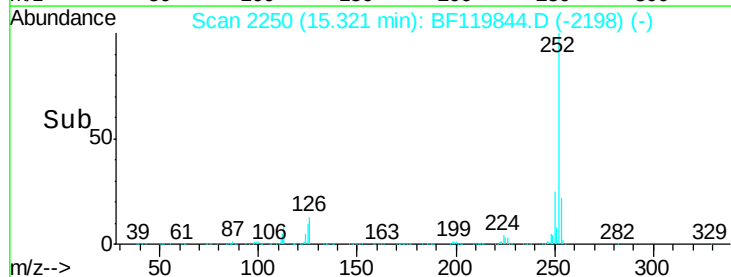
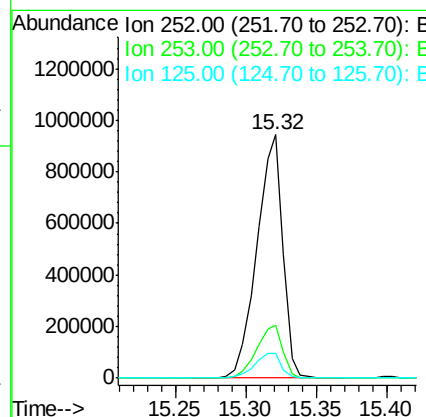
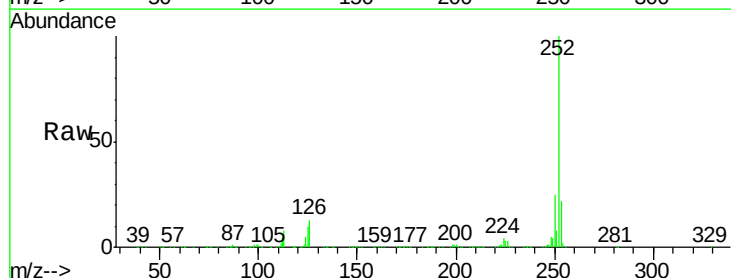
Instrument :
BNA_F
ClientSampleId :

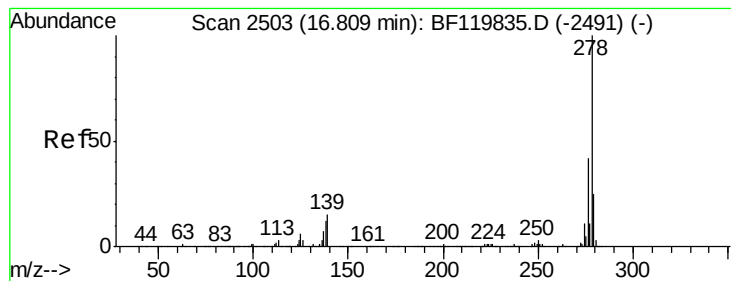
Tot Ion:252 Resp: 1349981
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.364 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:252 Resp: 1219813
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.402 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

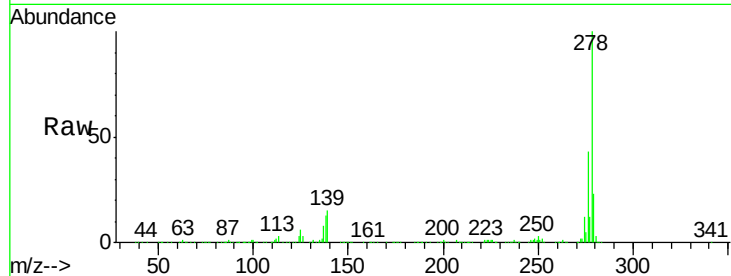
Tot Ion:278 Resp: 1030474

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

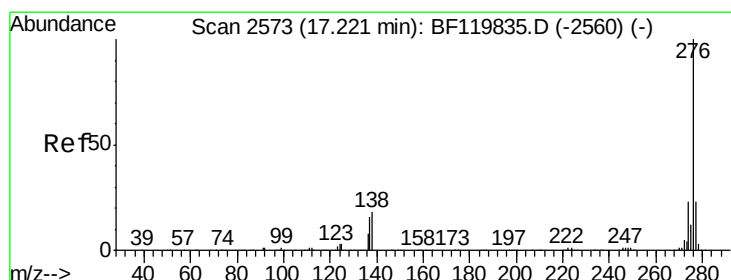
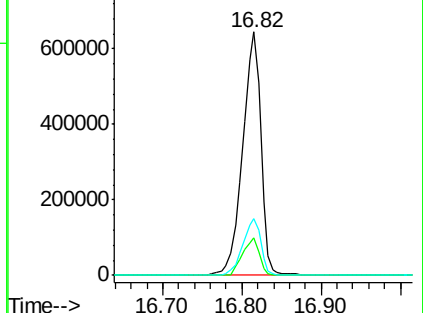
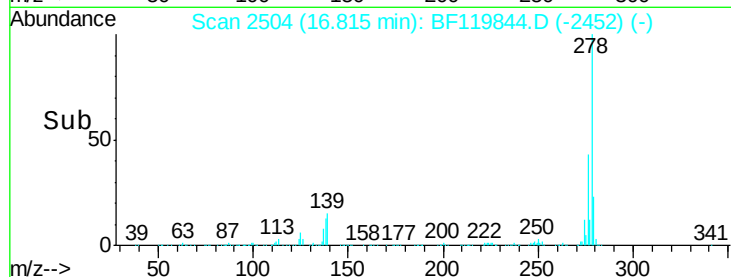
279 23.4 19.7 29.5



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: 39.176 ng

RT: 17.23 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

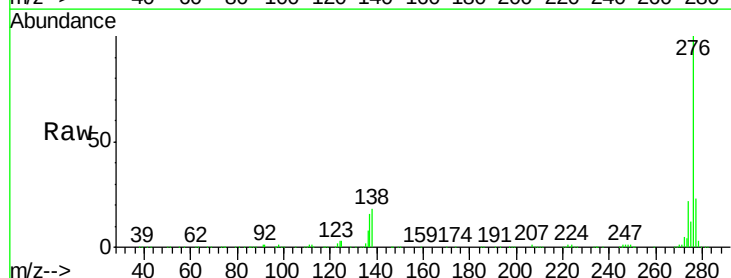
Tgt Ion:276 Resp: 986314

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 18.1 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

