

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119837.D
 Acq On : 8 Apr 2020 21:02
 Operator : MA/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 22:01:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	198066	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	698032	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	333807	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	631583	20.00	ng	0.00
76) Chrysene-d12	13.95	240	426261	20.00	ng	0.00
87) Perylene-d12	15.37	264	374931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1285025	103.28	ng	0.00
7) Phenol-d6	6.42	99	1604386	100.94	ng	0.01
23) Nitrobenzene-d5	7.35	82	1545925	120.36	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	489012	142.00	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2804112	124.45	ng	0.00
79) Terphenyl-d14	12.89	244	2880057	132.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	297990	48.493	ng	98
3) Pyridine	3.16	79	845433	49.939	ng	98
4) n-Nitrosodimethylamine	3.13	42	421497	51.055	ng	99
6) Aniline	6.44	93	1043686	47.579	ng	98
8) 2-Chlorophenol	6.56	128	689092	52.732	ng	94
9) Benzaldehyde	6.32	77	374793	37.172	ng	97
10) Phenol	6.43	94	913323	53.854	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	749112	55.229	ng	99
12) 1,3-Dichlorobenzene	6.71	146	836399	59.138	ng	99
13) 1,4-Dichlorobenzene	6.79	146	841834	59.507	ng	99
14) 1,2-Dichlorobenzene	6.95	146	726379	54.933	ng	98
15) Benzyl Alcohol	6.92	79	644623	53.918	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1373598	50.206	ng	99
17) 2-Methylphenol	7.03	107	625578	52.249	ng	96
18) Hexachloroethane	7.29	117	293592	56.631	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	524551	54.755	ng	97
20) 3+4-Methylphenols	7.19	107	757560	51.628	ng	99
22) Acetophenone	7.19	105	926194	55.530	ng	# 97
24) Nitrobenzene	7.36	77	778939	56.749	ng	98
25) Isophorone	7.60	82	1461857	56.109	ng	100
26) 2-Nitrophenol	7.67	139	388292	71.847	ng	96
27) 2,4-Dimethylphenol	7.72	122	589257	52.730	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	880638	57.160	ng	99
29) 2,4-Dichlorophenol	7.92	162	585089	56.981	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	708229	62.369	ng	99
31) Naphthalene	8.08	128	2143250	59.665	ng	99
32) Benzoic acid	7.87	122	525503	73.104	ng	98
33) 4-Chloroaniline	8.13	127	935126	56.812	ng	97
34) Hexachlorobutadiene	8.20	225	422559	66.508	ng	98
35) Caprolactam	8.53	113	145730	43.366	ng	89
36) 4-Chloro-3-methylphenol	8.62	107	637736	56.826	ng	99
37) 2-Methylnaphthalene	8.77	142	1370513	58.134	ng	99
38) 1-Methylnaphthalene	8.87	142	1299589	58.241	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	631677	64.561	ng	100

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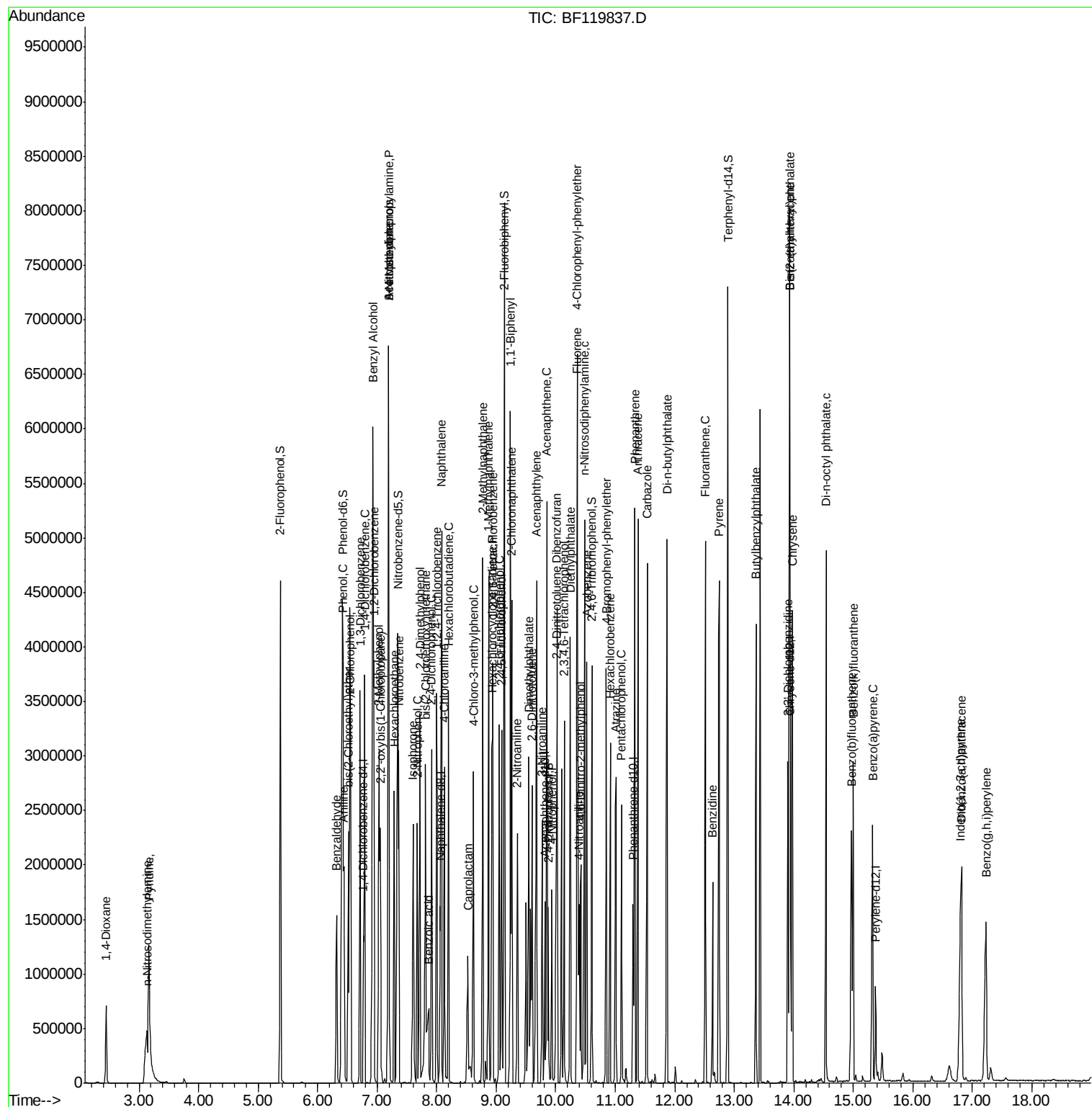
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	376799	67.740	ng	97
43) 2,4,6-Trichlorophenol	9.05	196	446864	63.822	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	503768	64.227	ng	98
46) 1,1'-Biphenyl	9.24	154	1703547	62.660	ng	97
47) 2-Chloronaphthalene	9.26	162	1290192	60.584	ng	96
48) 2-Nitroaniline	9.36	65	468757	63.772	ng	96
49) Acenaphthylene	9.68	152	1942680	58.091	ng	98
50) Dimethylphthalate	9.55	163	1543921	65.116	ng	98
51) 2,6-Dinitrotoluene	9.60	165	341401	67.176	ng	99
52) Acenaphthene	9.85	154	1239663	59.461	ng	100
53) 3-Nitroaniline	9.77	138	391660	61.043	ng	97
54) 2,4-Dinitrophenol	9.88	184	218292	117.165	ng	98
55) Dibenzofuran	10.02	168	1782173	59.622	ng	98
56) 4-Nitrophenol	9.93	139	294830	58.249	ng	98
57) 2,4-Dinitrotoluene	10.01	165	439889	68.709	ng	94
58) Fluorene	10.37	166	1380053	62.434	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.14	232	373868	63.768	ng	99
60) Diethylphthalate	10.25	149	1600291	66.499	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	707291	65.434	ng	96
62) 4-Nitroaniline	10.39	138	377782	61.401	ng	97
63) Azobenzene	10.52	77	1490959	61.525	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	262776	99.221	ng	92
66) n-Nitrosodiphenylamine	10.48	169	1274613	61.475	ng	99
67) 4-Bromophenyl-phenylether	10.85	248	466570	64.865	ng	97
68) Hexachlorobenzene	10.92	284	476905	64.781	ng	95
69) Atrazine	11.01	200	345741	60.825	ng	97
70) Pentachlorophenol	11.10	266	278875	64.605	ng	100
71) Phenanthrene	11.33	178	1991302	60.805	ng	98
72) Anthracene	11.38	178	1990807	59.812	ng	100
73) Carbazole	11.53	167	1951542	59.236	ng	99
74) Di-n-butylphthalate	11.87	149	2549426	72.340	ng	99
75) Fluoranthene	12.52	202	2116371	59.713	ng	98
77) Benzidine	12.63	184	658412	36.498	ng	96
78) Pyrene	12.75	202	2100975	60.057	ng	99
80) Butylbenzylphthalate	13.36	149	1053693	74.471	ng	99
81) Benzo(a)anthracene	13.93	228	1652335	59.610	ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	598859	54.794	ng	97
83) Chrysene	13.97	228	1674172	58.523	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1410353	83.617	ng	100
85) Di-n-octyl phthalate	14.54	149	2154175	72.620	ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1313702	48.760	ng	100
88) Benzo(b)fluoranthene	14.97	252	1417867	56.612	ng	100
89) Benzo(k)fluoranthene	15.00	252	1258268	52.761	ng	99
90) Benzo(a)pyrene	15.32	252	1231040	54.086	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	1080218	54.260	ng	99
92) Benzo(g,h,i)perylene	17.23	276	1364318	68.215	ng	99

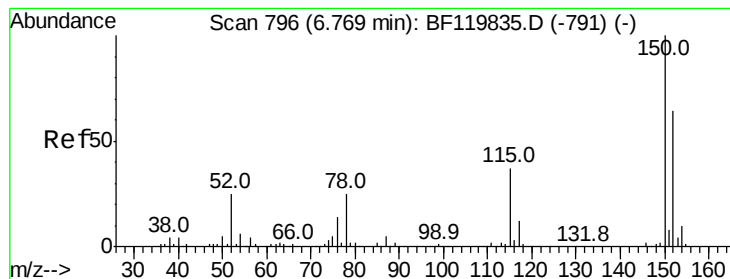
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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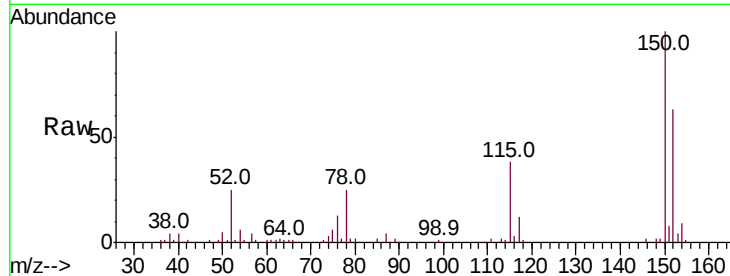


#1

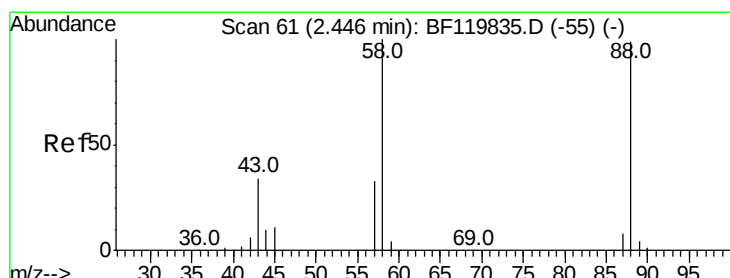
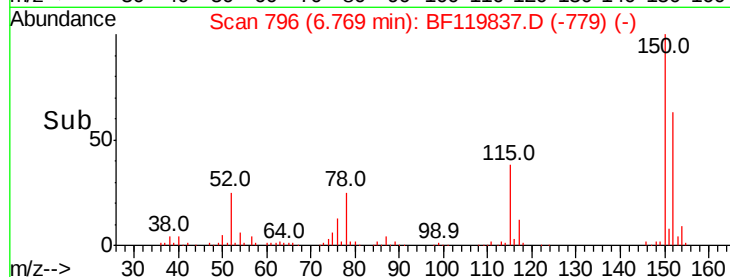
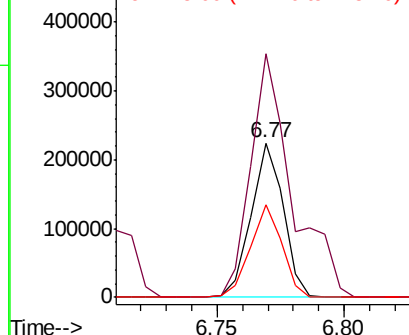
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	59.9	46.5	69.7



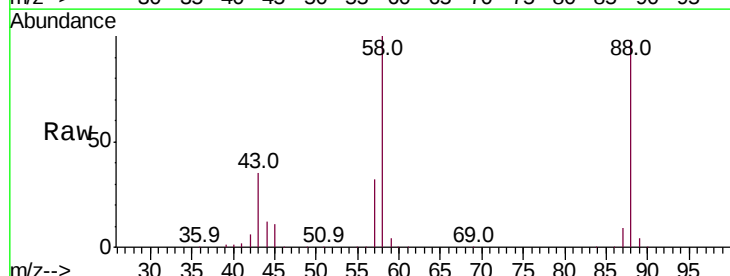
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



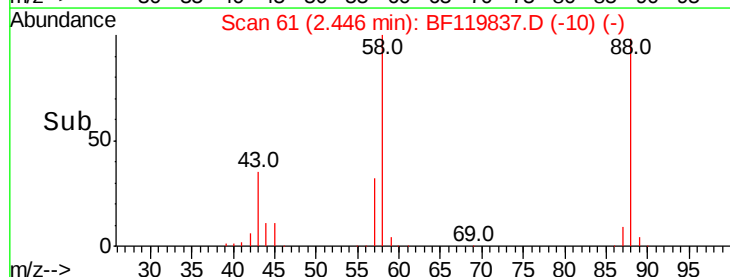
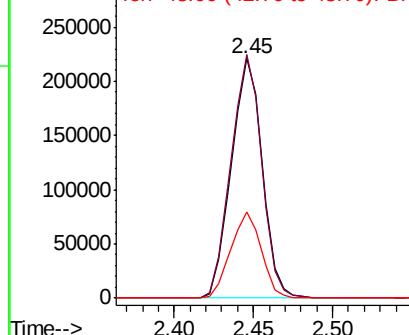
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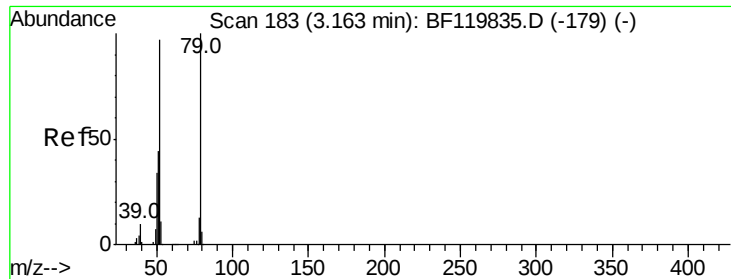
1,4-Dioxane
Concen: 48.493 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	82.6	123.8
43	35.4	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: 49.939 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

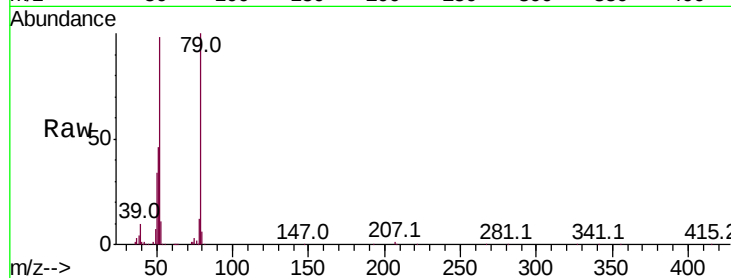
Tot Ion: 79 Resp: 845433

Ion Ratio Lower Upper

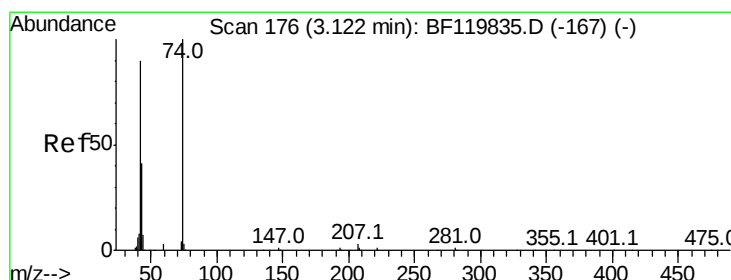
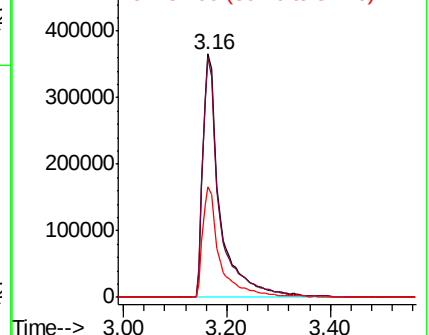
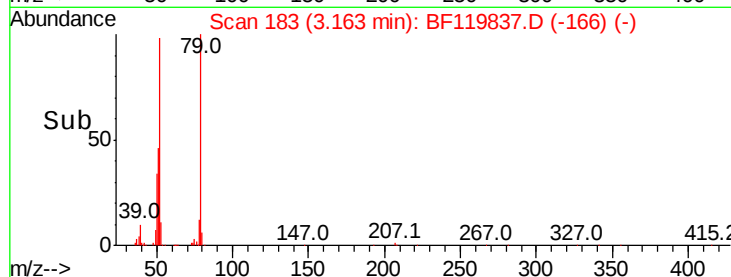
79 100

52 98.2 77.4 116.0

51 45.5 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 51.055 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

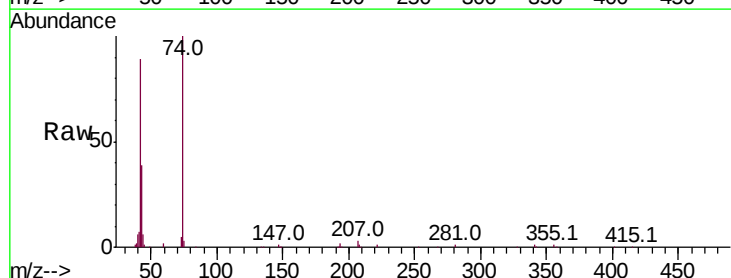
Tgt Ion: 42 Resp: 421497

Ion Ratio Lower Upper

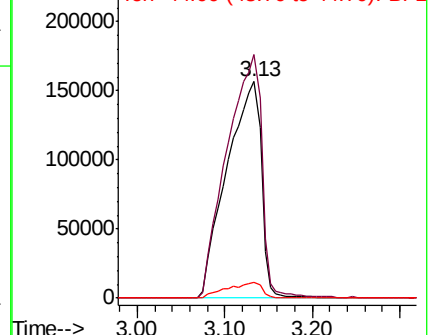
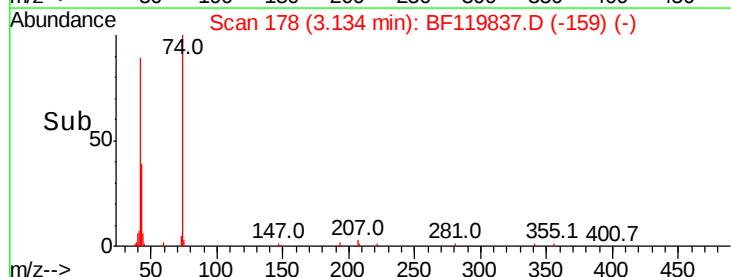
42 100

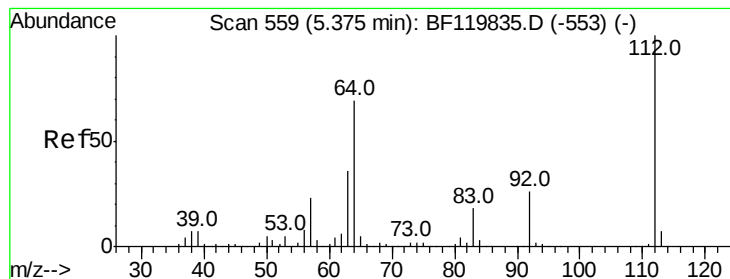
74 112.4 89.0 133.4

44 7.2 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.281 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :
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ClientSampleId :

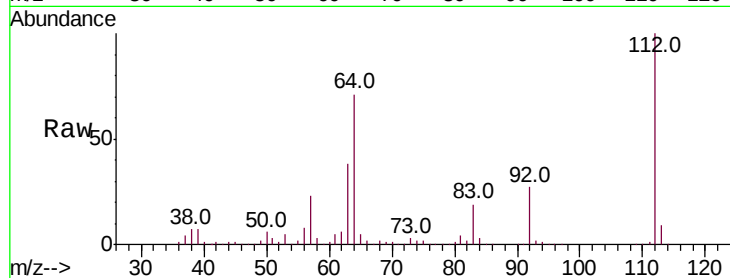
Tot Ion:112 Resp: 1285025

Ion Ratio Lower Upper

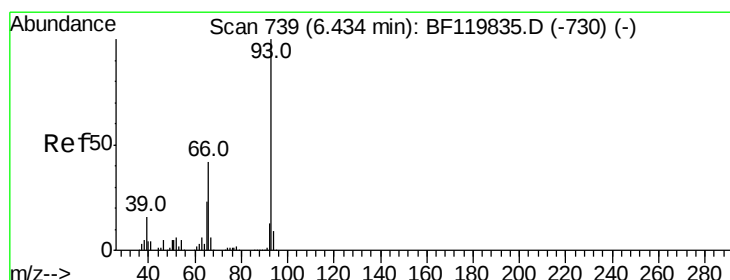
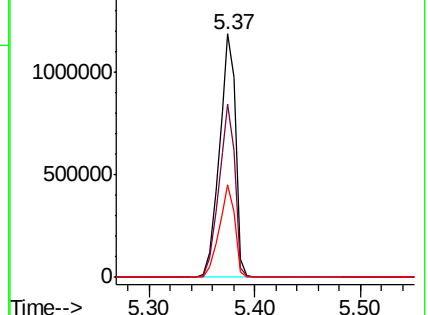
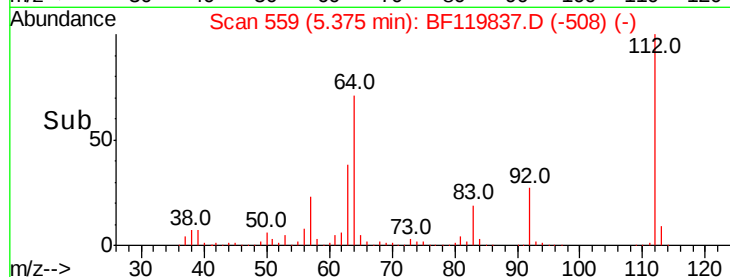
112 100

64 71.4 55.5 83.3

63 37.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.579 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

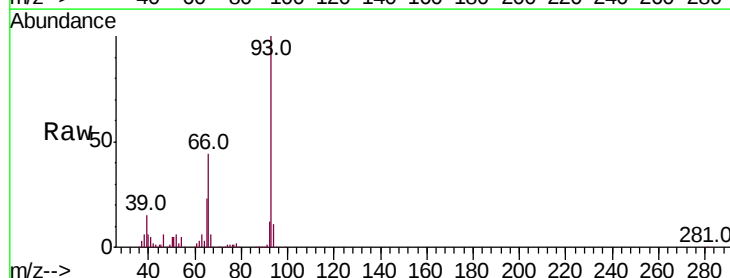
Tgt Ion: 93 Resp: 1043686

Ion Ratio Lower Upper

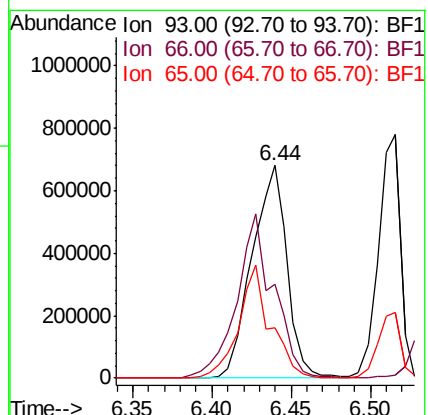
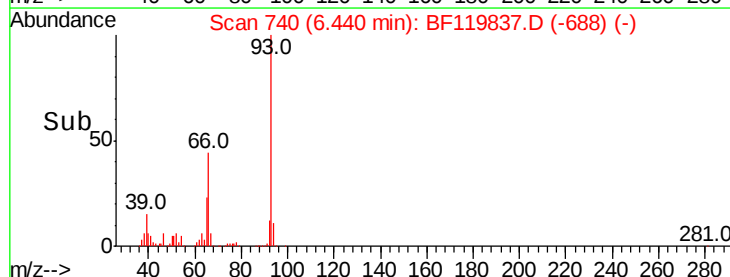
93 100

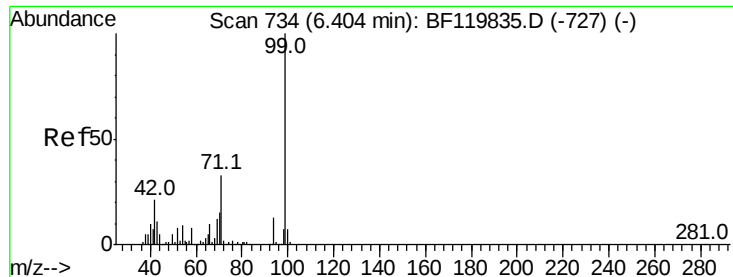
66 44.3 34.2 51.2

65 23.4 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: 100.944 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

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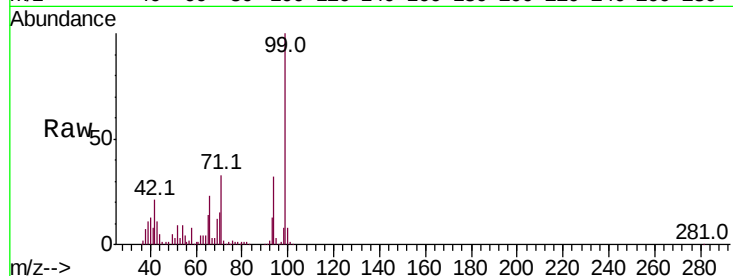
Tot Ion: 99 Resp: 1604386

Ion Ratio Lower Upper

99 100

42 21.0 16.9 25.3

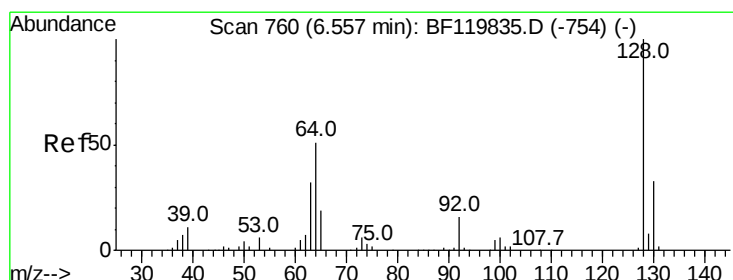
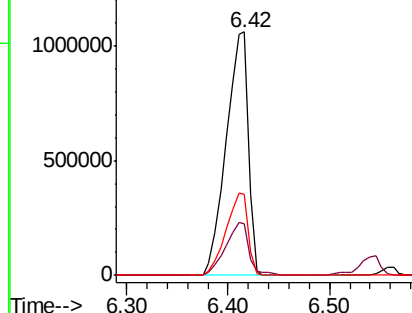
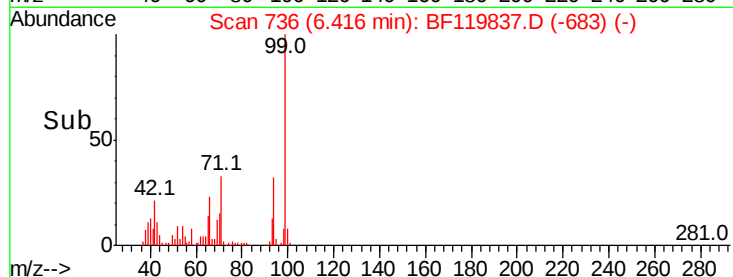
71 33.1 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.732 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

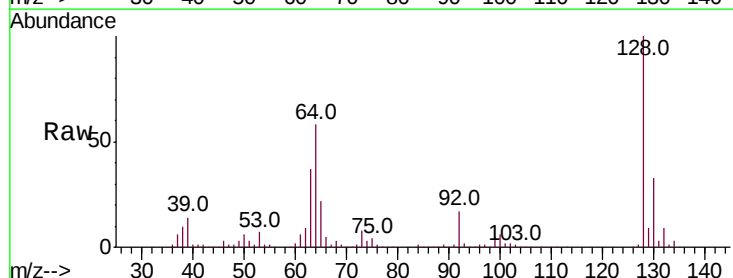
Tgt Ion:128 Resp: 689092

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

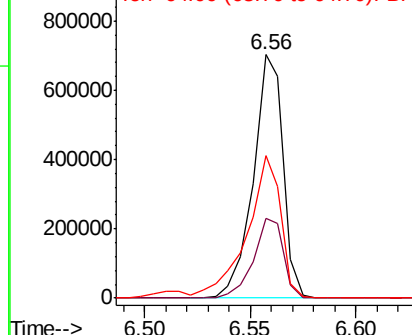
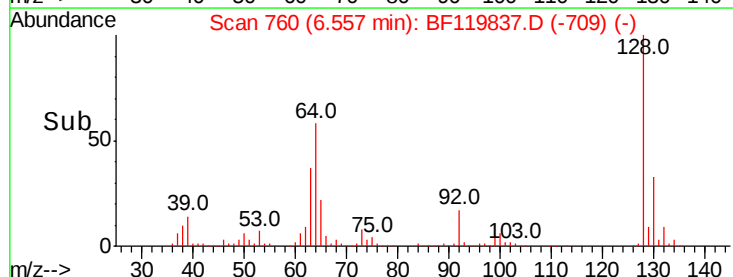
64 58.4 32.0 72.0

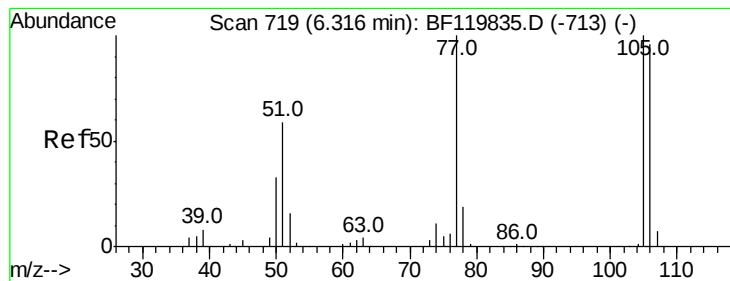


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.172 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

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ClientSampled :

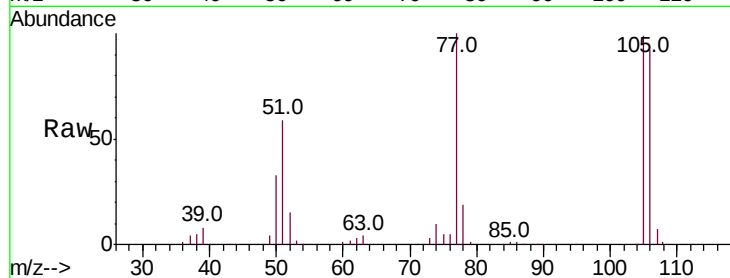
Tot Ion: 77 Resp: 374793

Ion Ratio Lower Upper

77 100

105 98.8 79.9 119.9

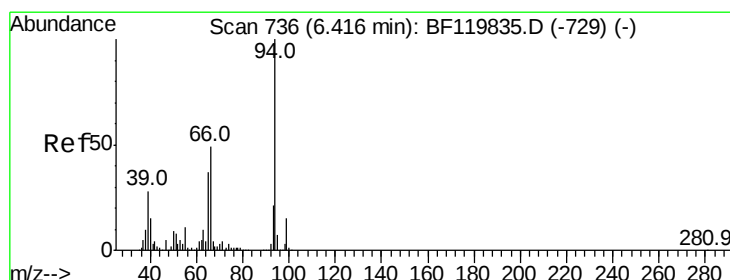
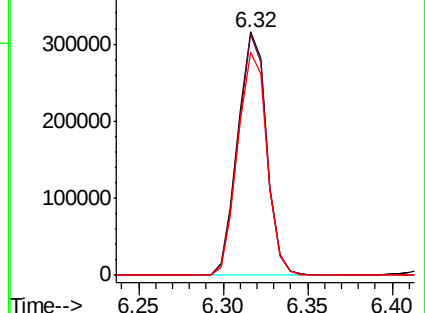
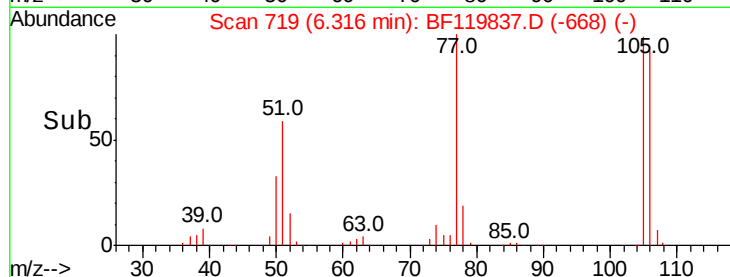
106 91.8 76.4 116.4



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: 53.854 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

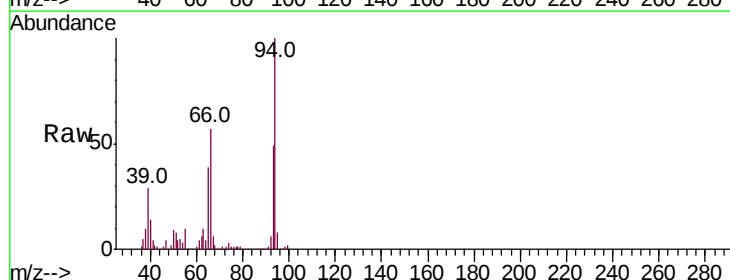
Tgt Ion: 94 Resp: 913323

Ion Ratio Lower Upper

94 100

65 39.4 16.6 56.6

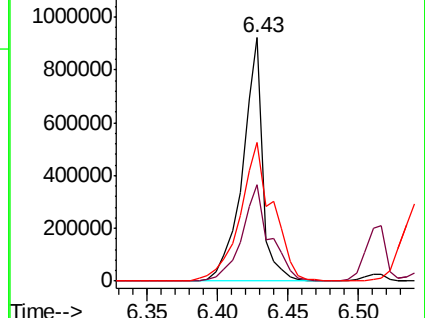
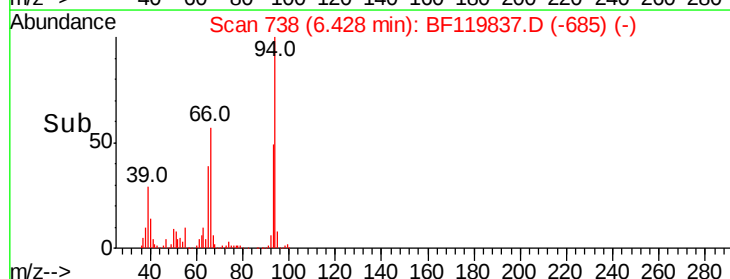
66 57.1 29.3 69.3

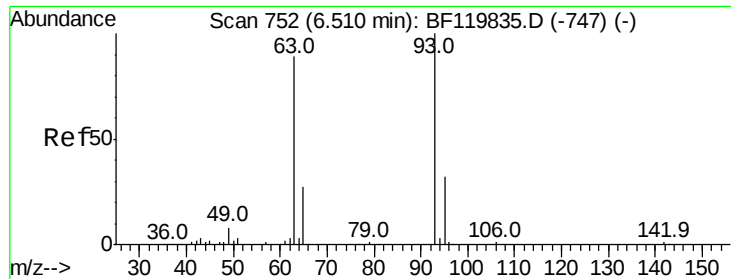


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

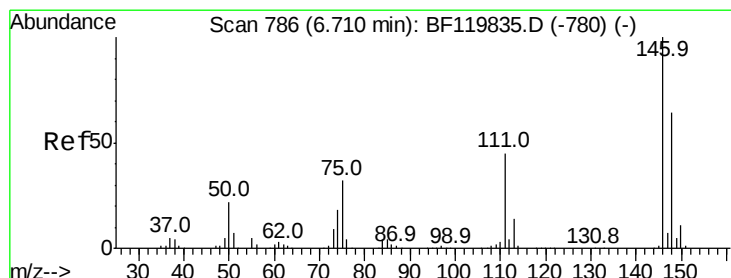
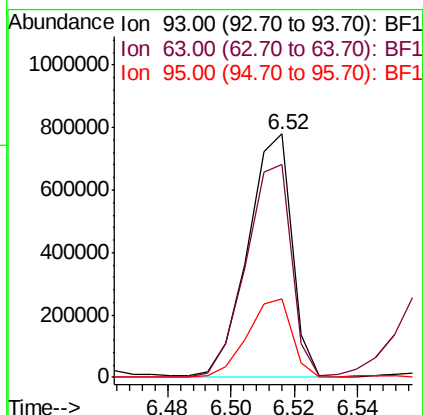
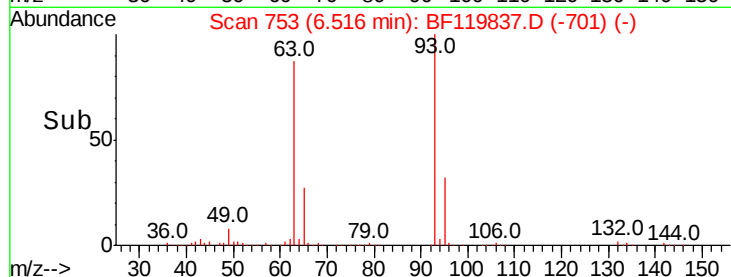
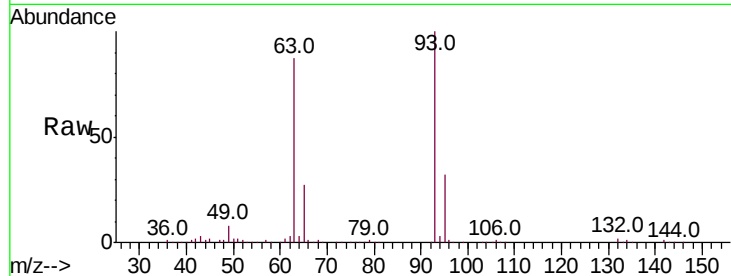




#11
bis(2-Chloroethyl)ether
Concen: 55.229 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

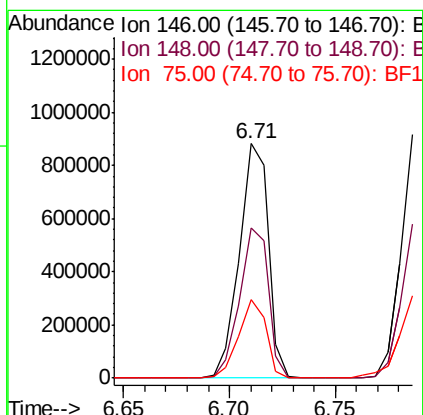
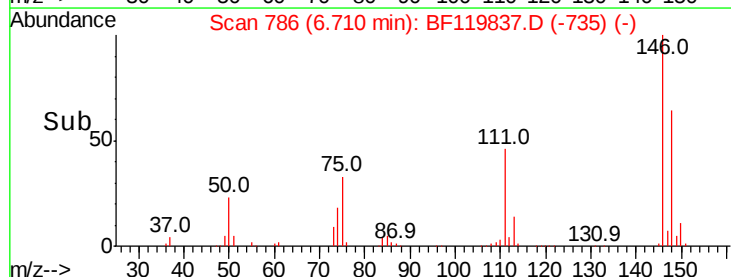
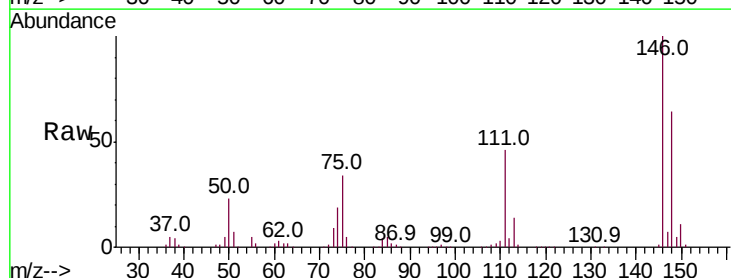
Instrument :
BNA_F
ClientSampleId :

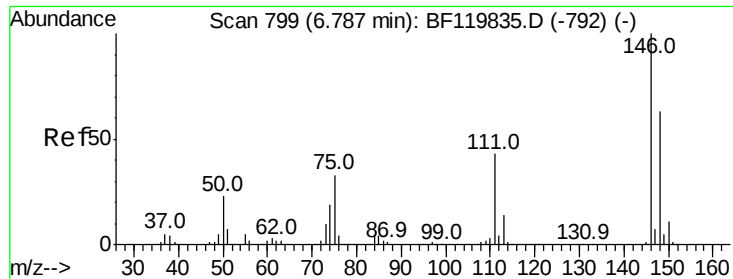
Tot Ion: 93 Resp: 749112
Ion Ratio Lower Upper
93 100
63 87.4 69.1 109.1
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 59.138 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion: 146 Resp: 836399
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 33.6 25.3 37.9

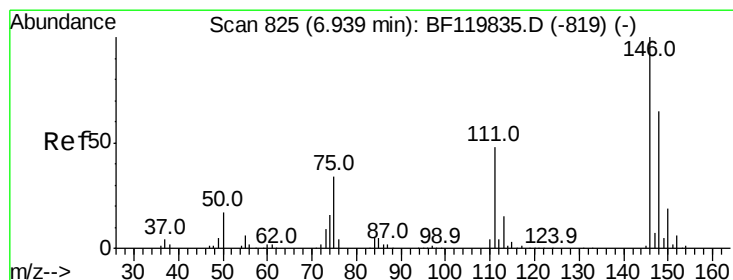
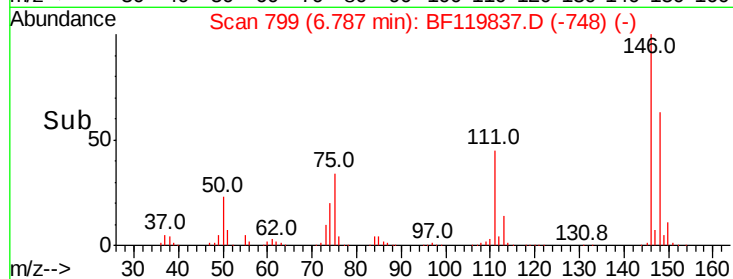
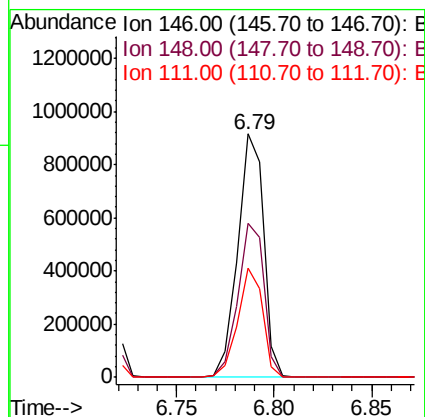
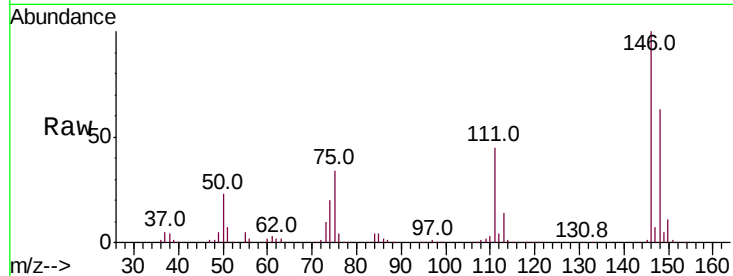




#13
 1,4-Dichlorobenzene
 Concen: 59.507 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

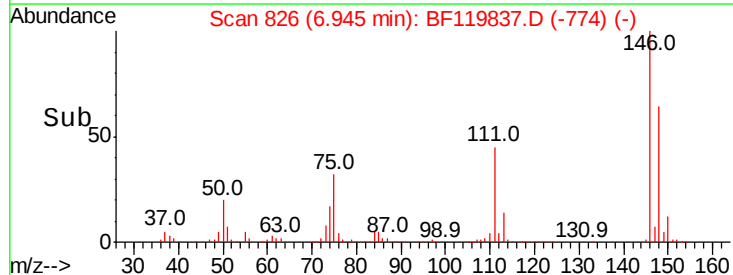
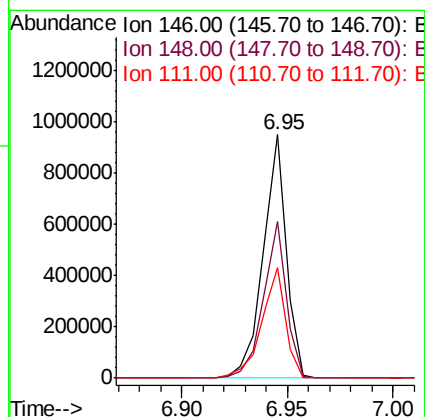
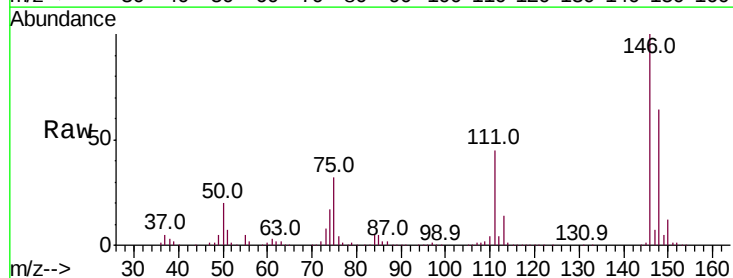
Instrument :
 BNA_F
 ClientSampleId :

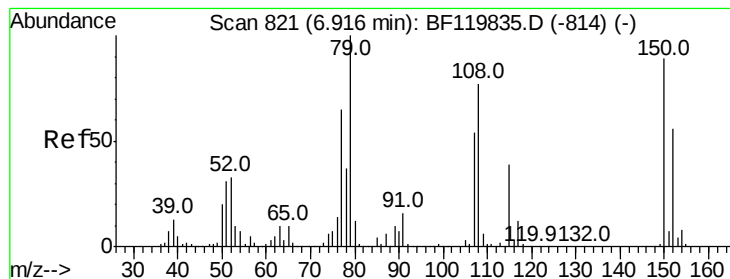
Tot Ion:146 Resp: 841834
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 111 44.8 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 54.933 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:146 Resp: 726379
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 45.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 53.918 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampled :

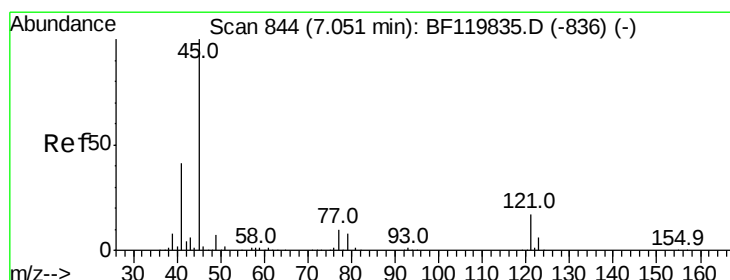
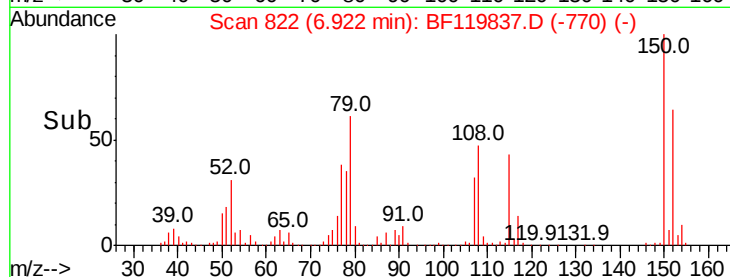
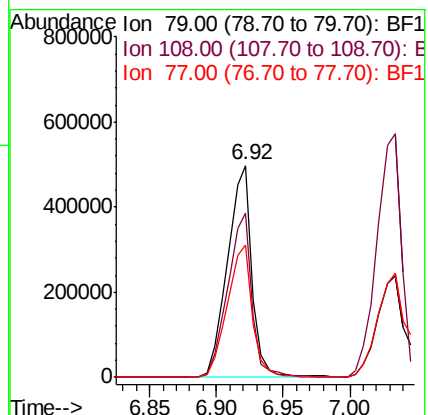
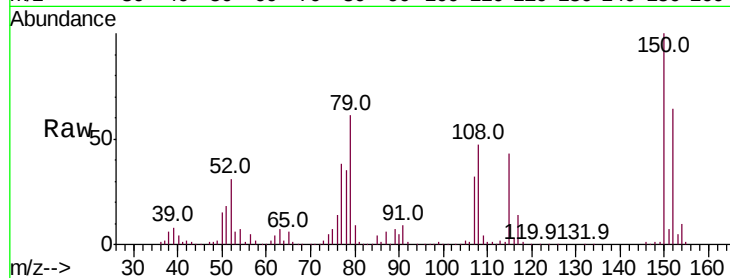
Tot Ion: 79 Resp: 644623

Ion Ratio Lower Upper

79 100

108 77.8 62.0 93.0

77 62.7 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.206 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

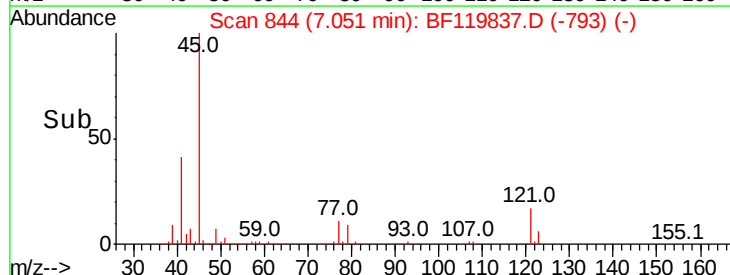
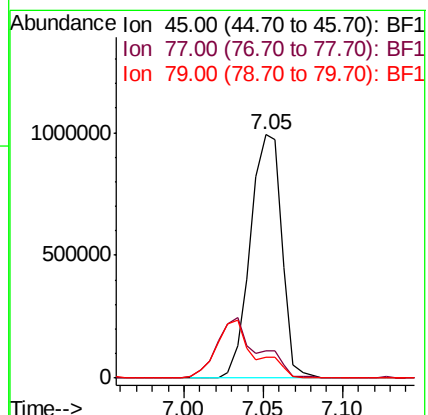
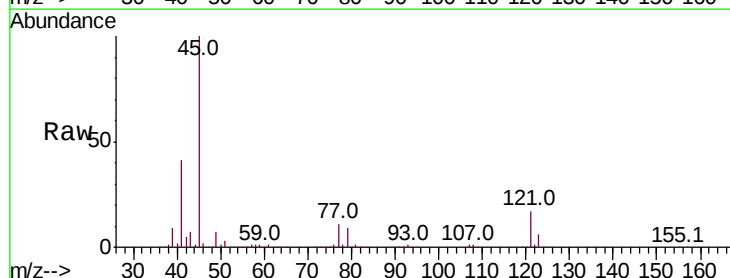
Tgt Ion: 45 Resp: 1373598

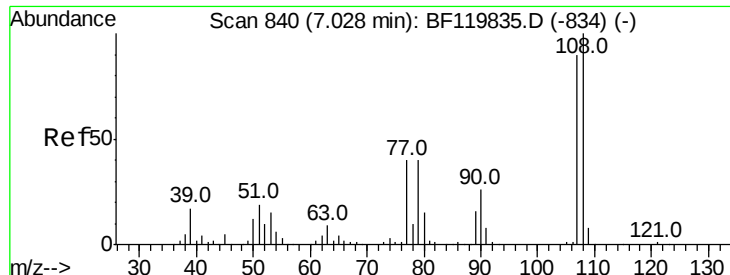
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.7

79 8.7 0.0 28.6

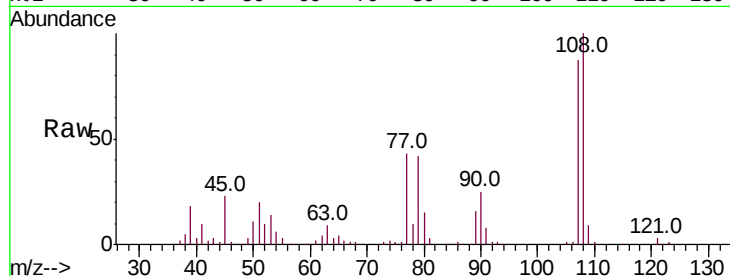




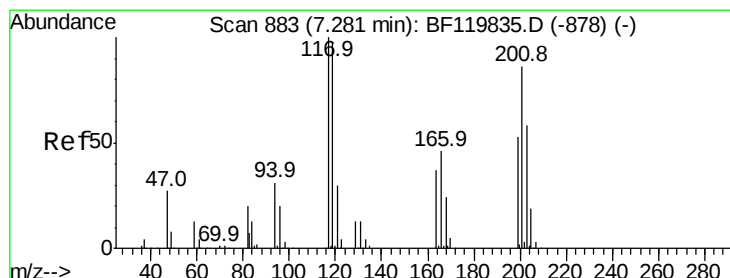
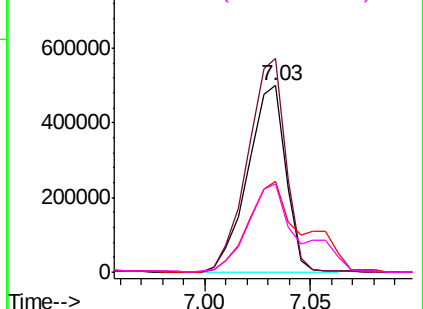
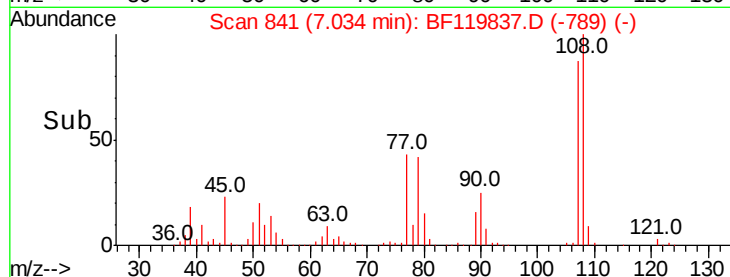
#17
2-Methylphenol
Concen: 52.249 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 625578
Ion Ratio Lower Upper
107 100
108 114.6 88.8 133.2
77 48.9 36.0 54.0
79 47.7 35.7 53.5

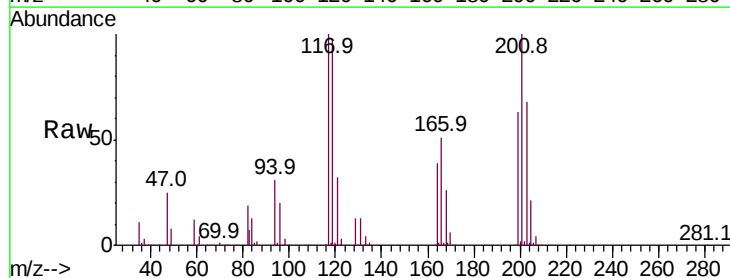


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

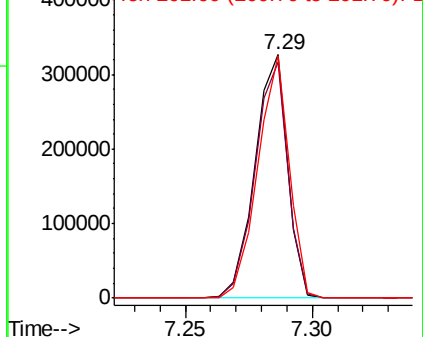
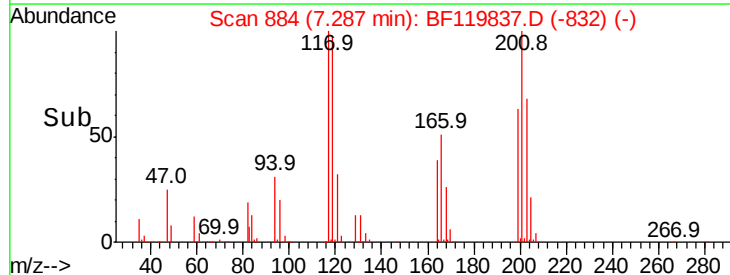


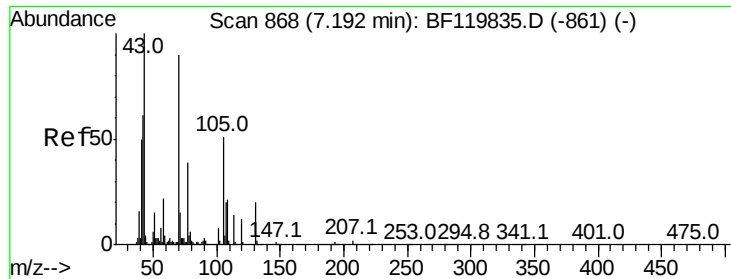
#18
Hexachloroethane
Concen: 56.631 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:117 Resp: 293592
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 99.6 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

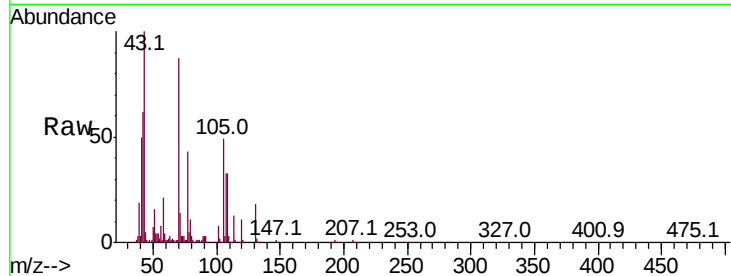




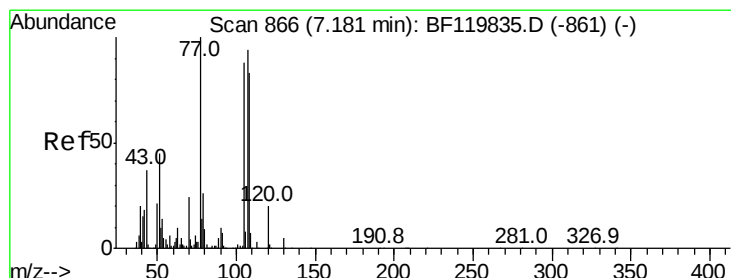
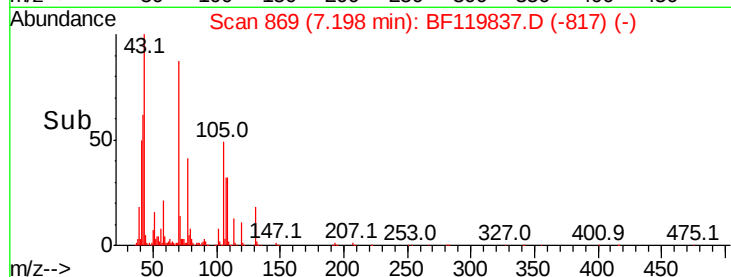
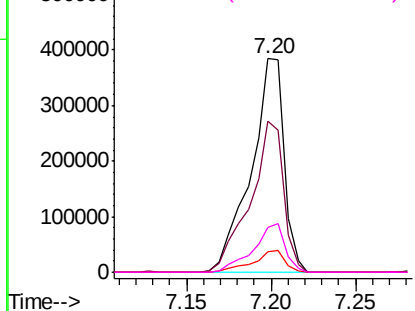
#19
n-Nitroso-di-n-propylamine
Concen: 54.755 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	524551
Ion	Ratio	Lower	Upper
70	100		
42	70.5	54.2	81.4
101	9.6	7.4	11.2
130	21.0	17.8	26.6

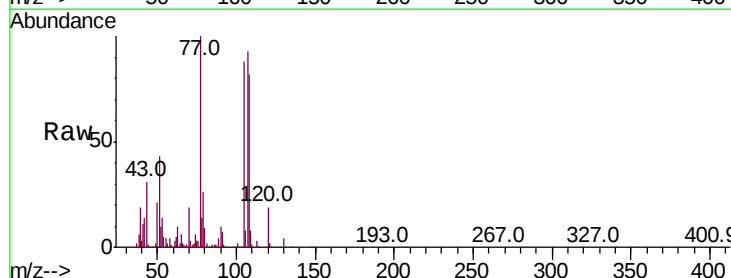


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

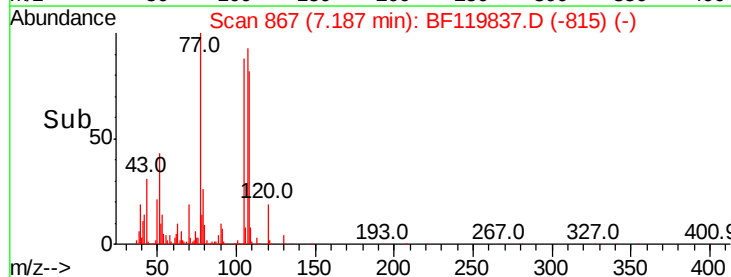
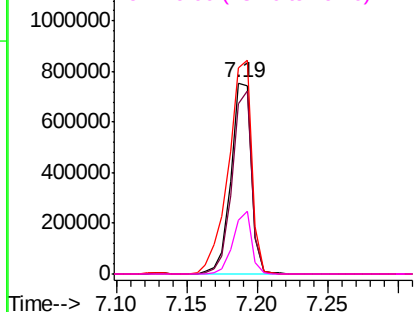


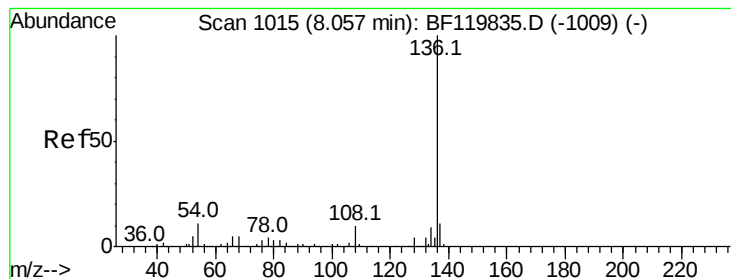
#20
3+4-Methylphenols
Concen: 51.628 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:	107	Resp:	757560
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	107.8	86.6	126.6
79	28.1	7.7	47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 698032

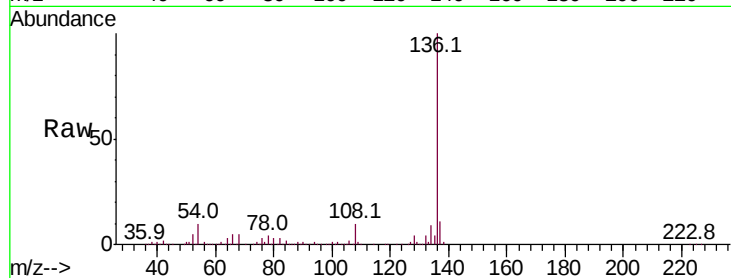
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.5 8.5 12.7

68 5.3 3.9 5.9

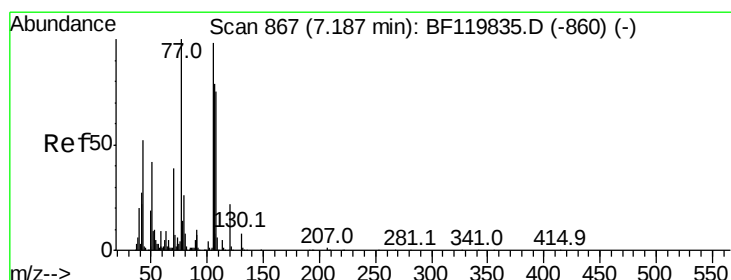
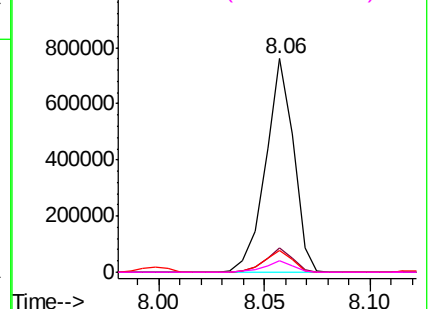
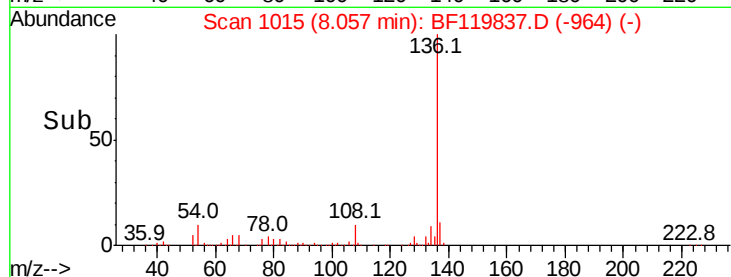


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.530 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Tgt Ion:105 Resp: 926194

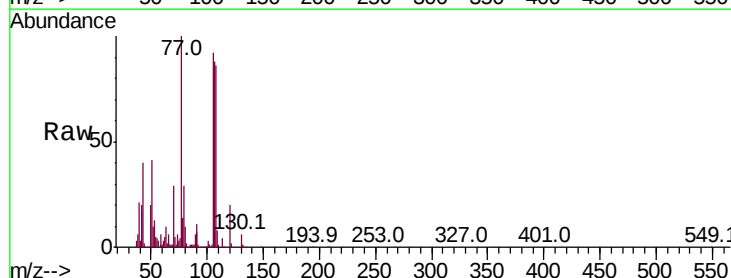
Ion Ratio Lower Upper

105 100

71 5.1 5.6 8.4#

51 44.5 33.9 50.9

120 21.9 17.8 26.8

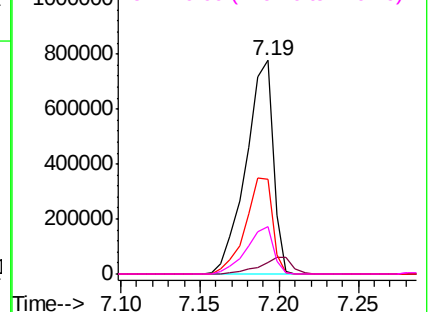
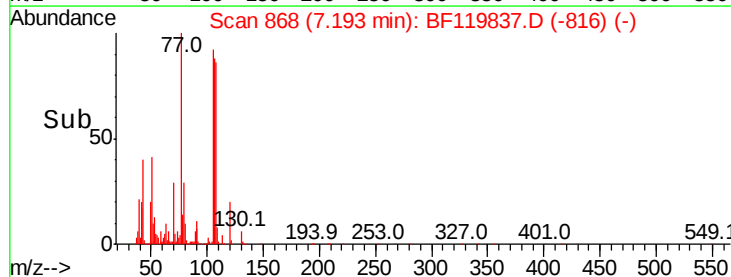


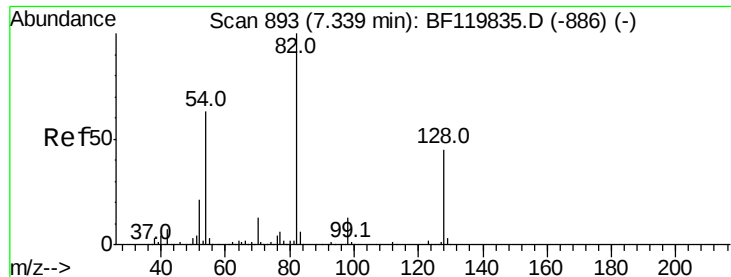
Abundance Ion 105.00 (104.70 to 105.70): E

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

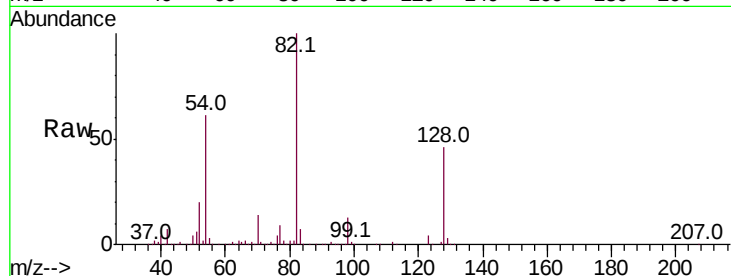




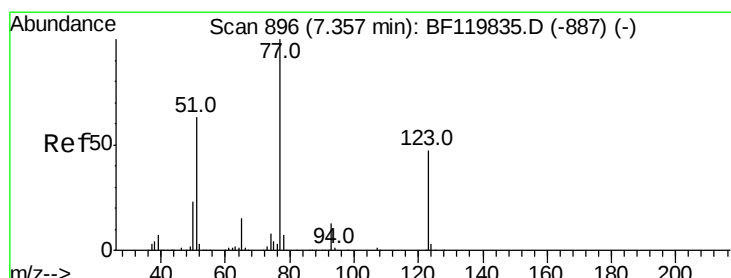
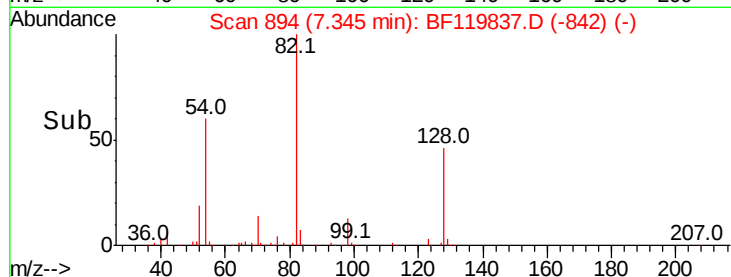
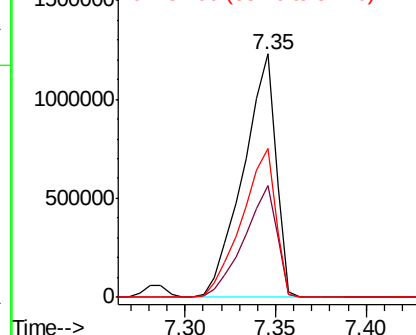
#23
 Nitrobenzene-d5
 Concen: 120.364 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1545925
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 61.2 50.4 75.6

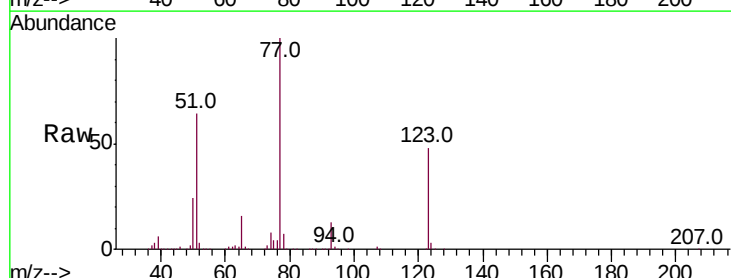


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

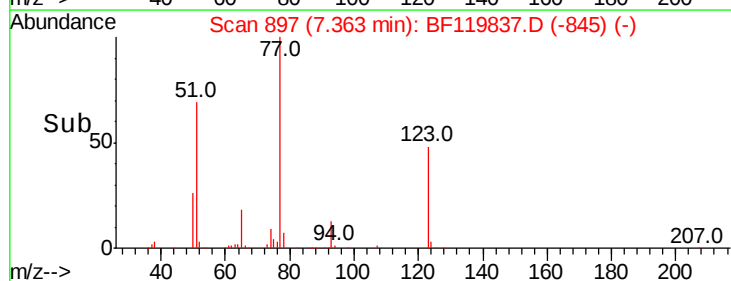
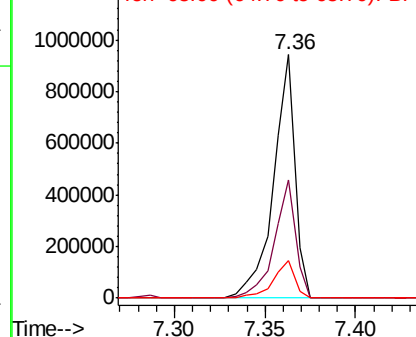


#24
 Nitrobenzene
 Concen: 56.749 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion: 77 Resp: 778939
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.8 56.8
 65 15.6 12.2 18.2



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





#25

Isophorone

Concen: 56.109 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampled :

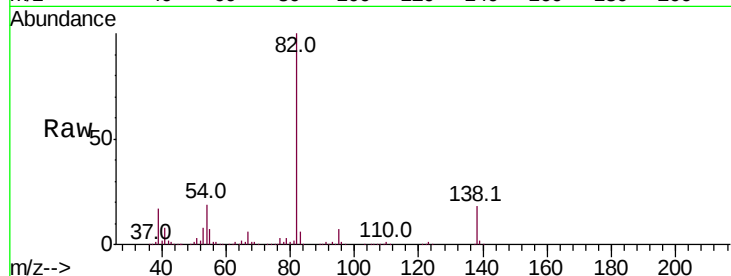
Tot Ion: 82 Resp: 1461857

Ion Ratio Lower Upper

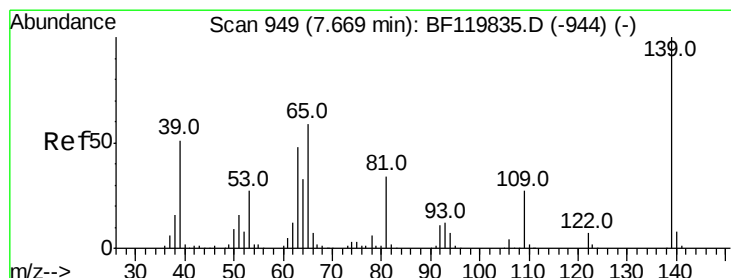
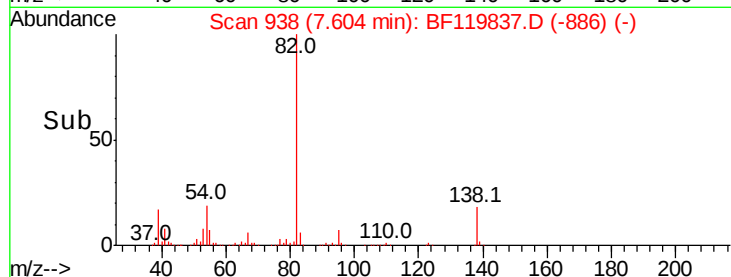
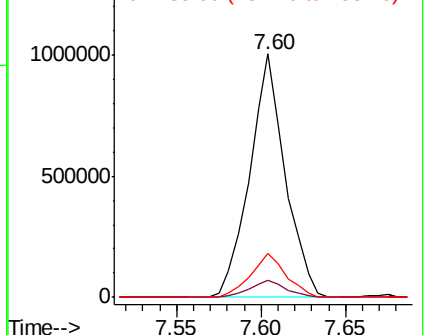
82 100

95 7.2 5.8 8.6

138 17.9 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: 71.847 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

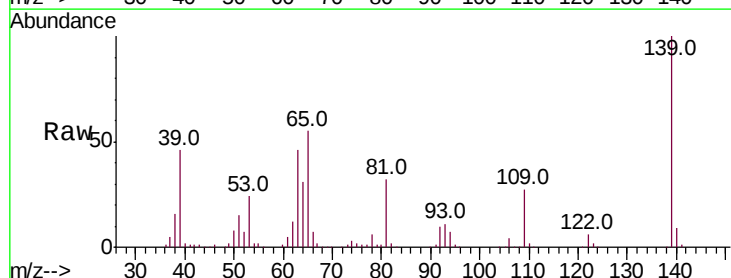
Tgt Ion:139 Resp: 388292

Ion Ratio Lower Upper

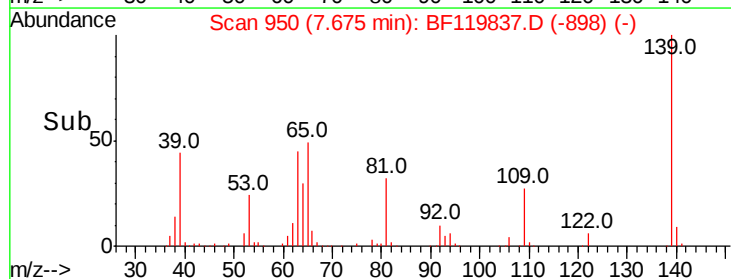
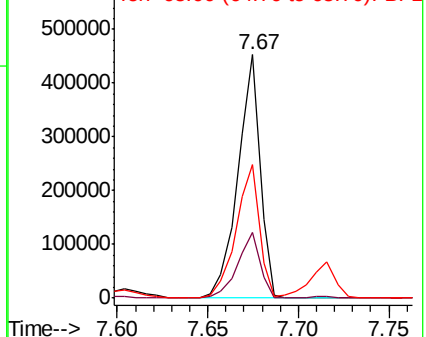
139 100

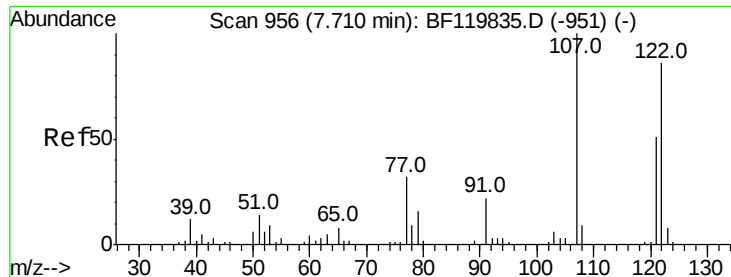
109 27.0 21.8 32.6

65 54.6 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

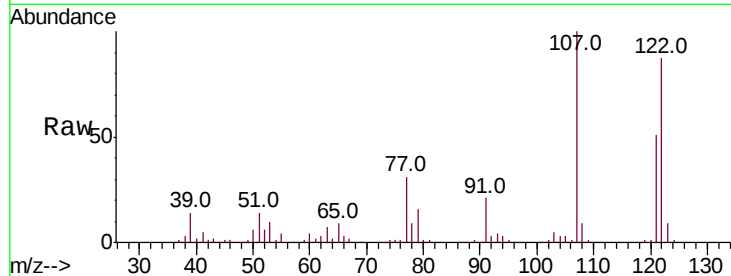




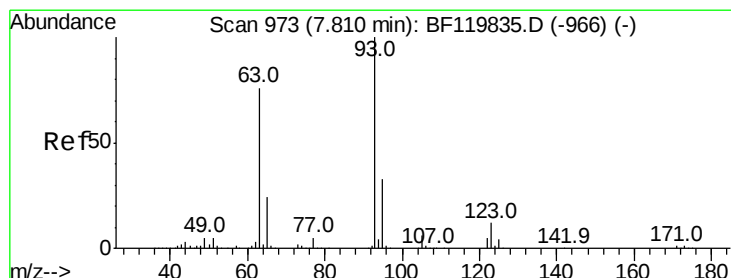
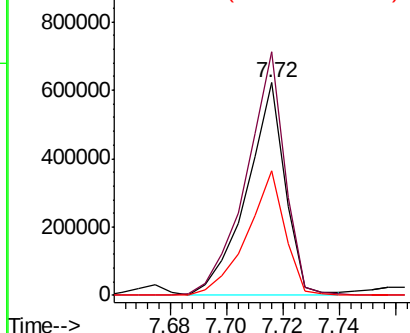
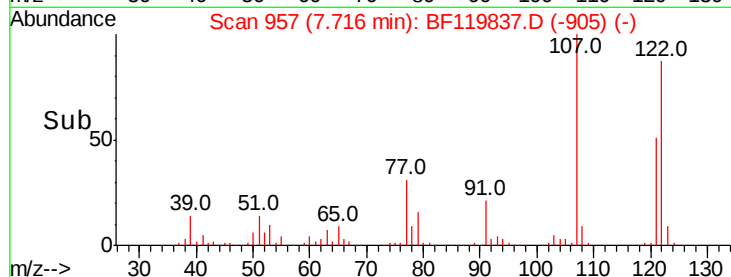
#27
 2,4-Dimethylphenol
 Concen: 52.730 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.3	138.5
121	58.2	46.6	70.0

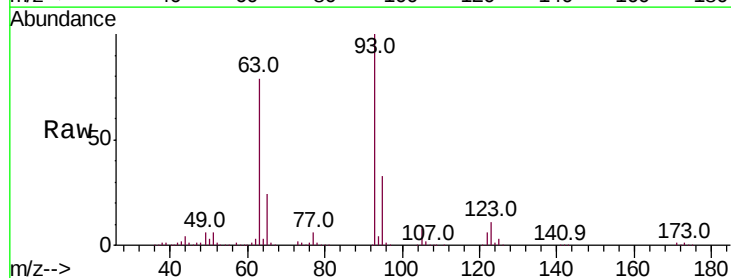


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

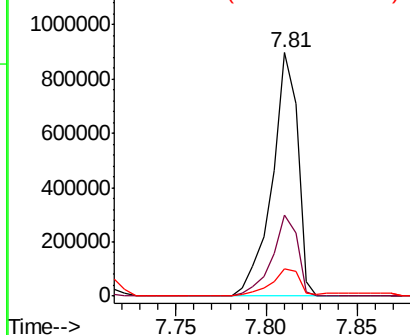
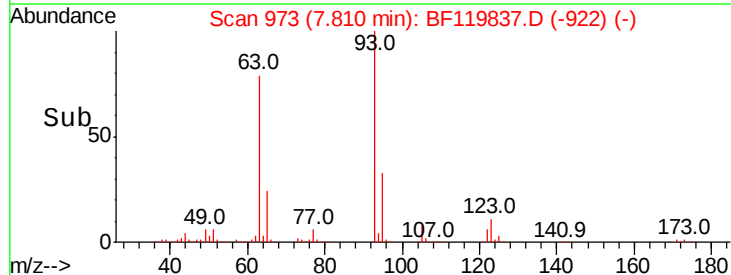


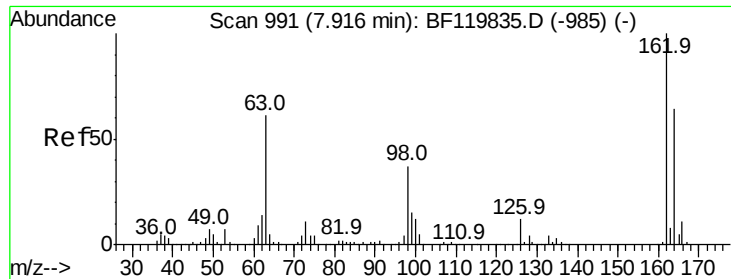
#28
 bis(2-Chloroethoxy)methane
 Concen: 57.160 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.4	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

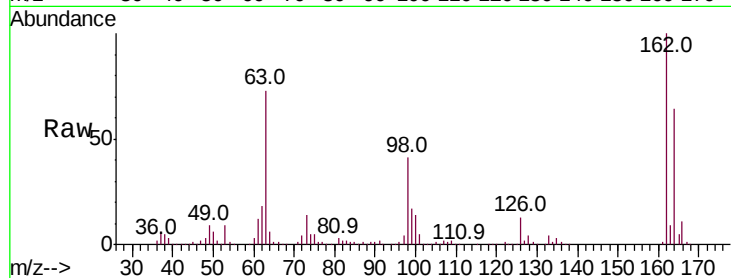




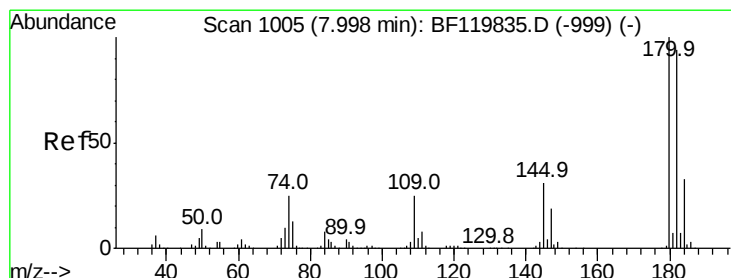
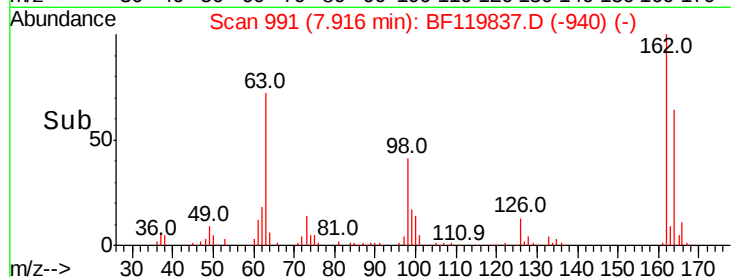
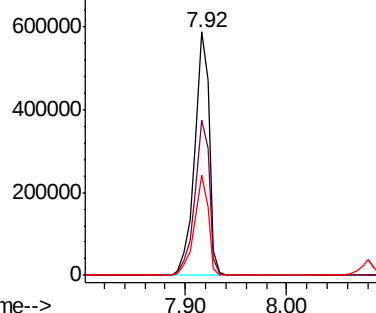
#29
 2,4-Dichlorophenol
 Concen: 56.981 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	41.3	17.3	57.3

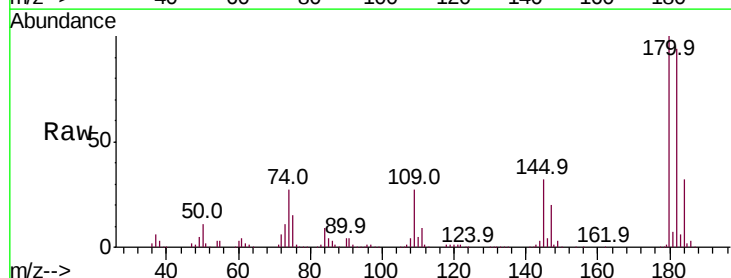


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

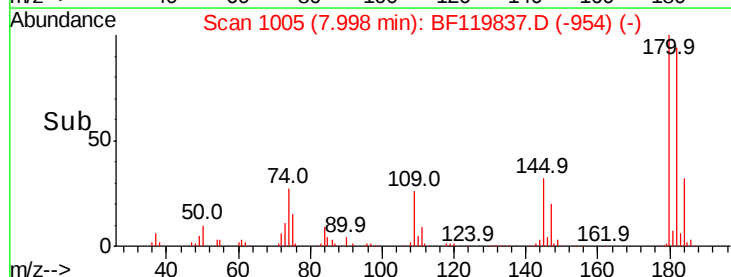
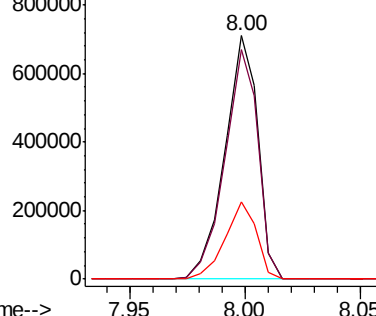


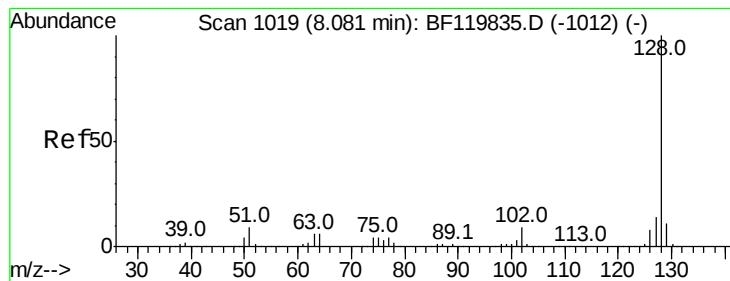
#30
 1,2,4-Trichlorobenzene
 Concen: 62.369 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.0
145	31.8	24.6	37.0



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





#31

Naphthalene

Concen: 59.665 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

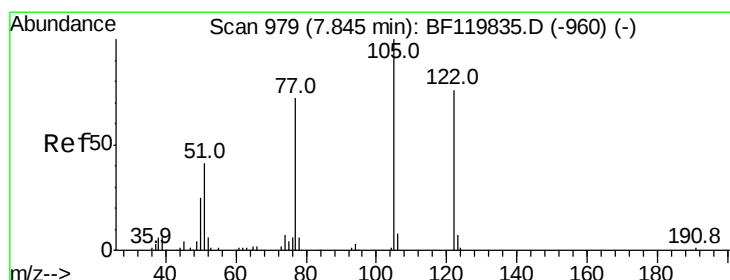
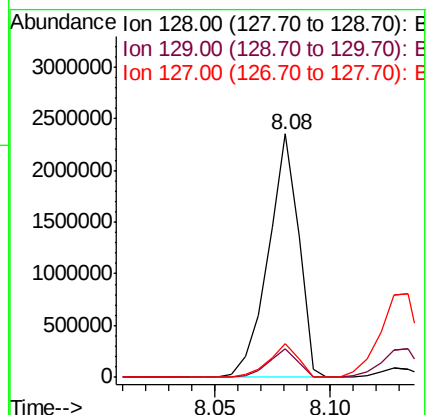
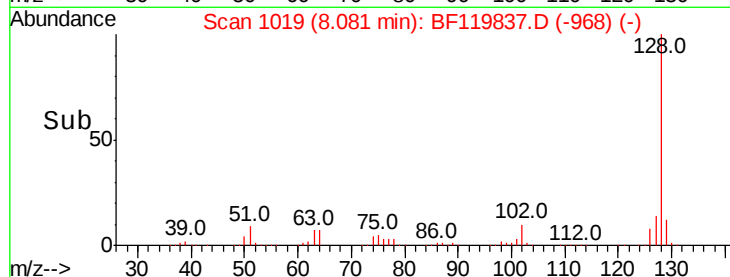
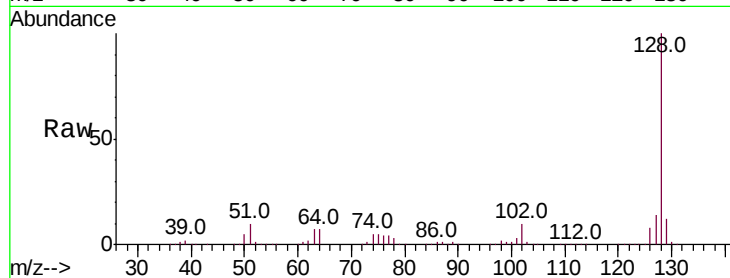
Tot Ion:128 Resp: 2143250

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

127 13.7 11.0 16.4



#32

Benzoic acid

Concen: 73.104 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

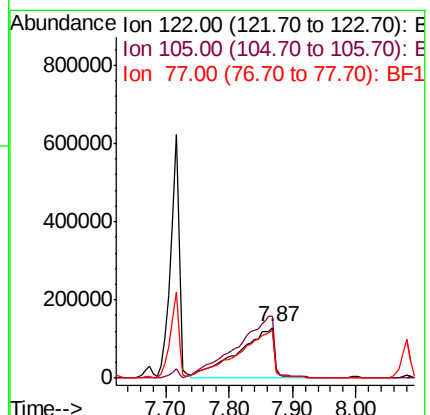
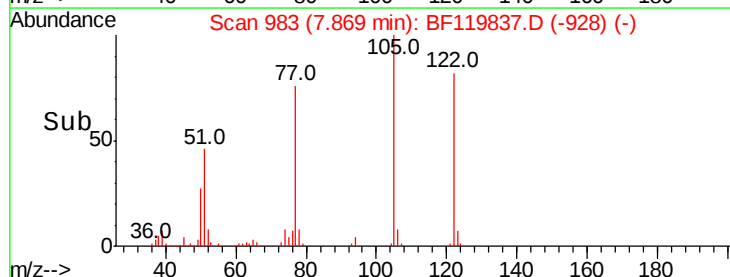
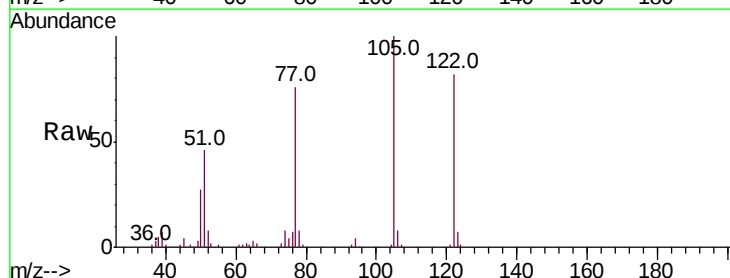
Tgt Ion:122 Resp: 525503

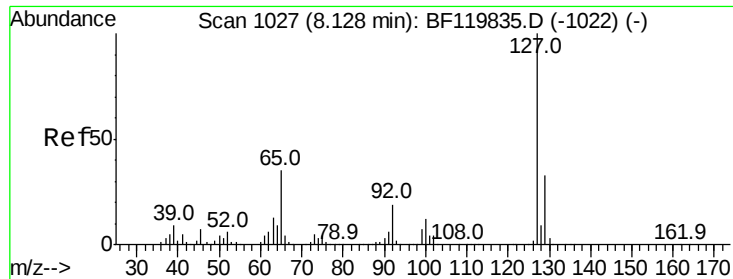
Ion Ratio Lower Upper

122 100

105 122.3 106.7 146.7

77 92.6 72.1 112.1

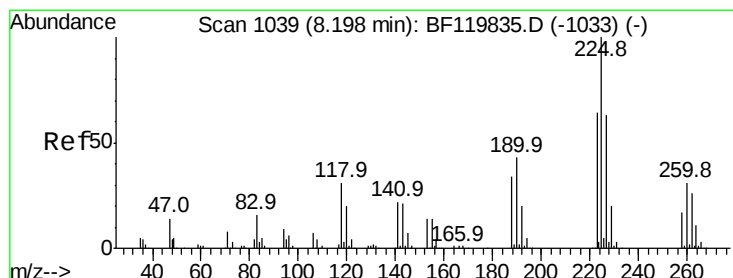
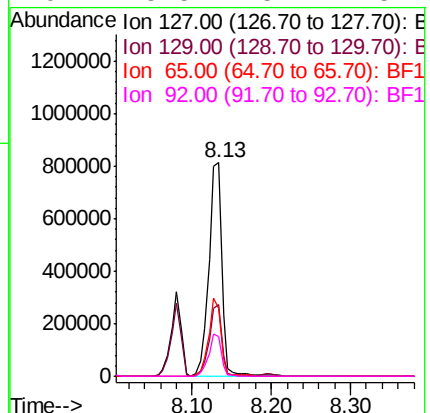
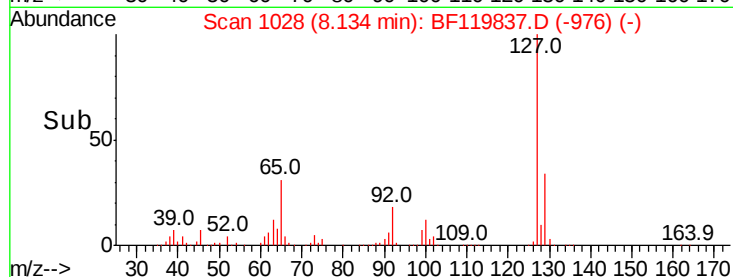
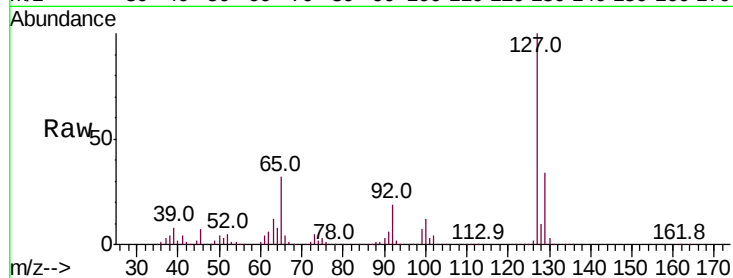




#33
4-Chloroaniline
Concen: 56.812 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

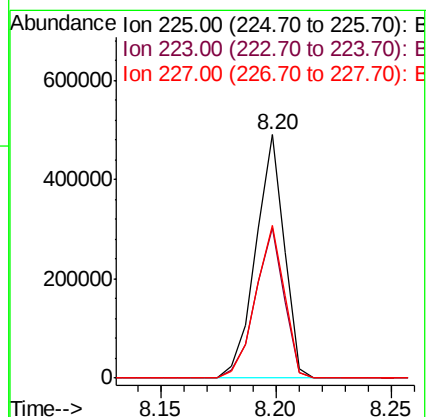
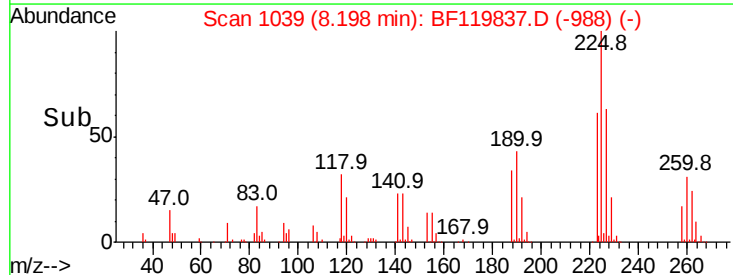
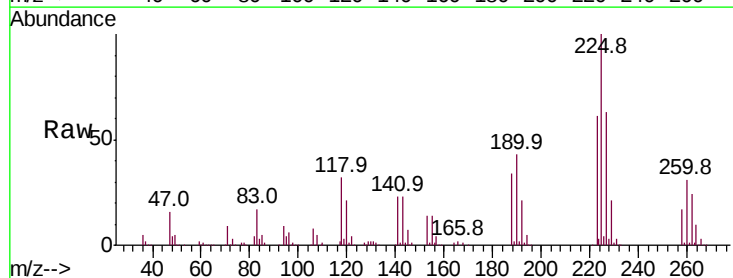
Instrument :
BNA_F
ClientSampleId :

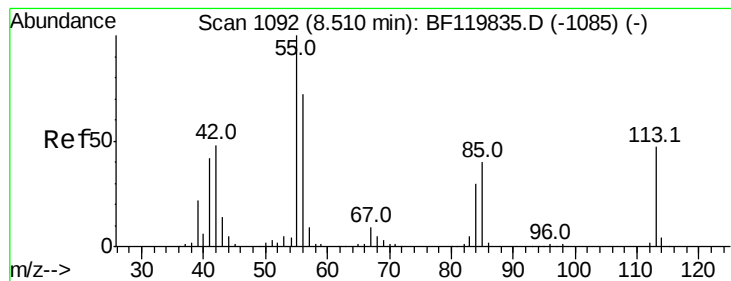
Tot Ion:	127	Resp:	935126
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	31.9	28.3	42.5
92	18.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 66.508 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:	225	Resp:	422559
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	62.5	50.4	75.6





#35

Caprolactam

Concen: 43.366 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

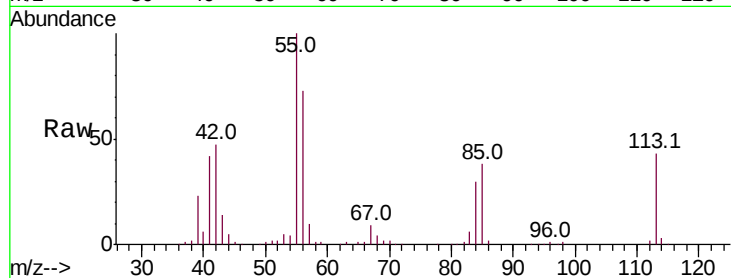
Tot Ion:113 Resp: 145730

Ion Ratio Lower Upper

113 100

55 231.0 192.7 232.7

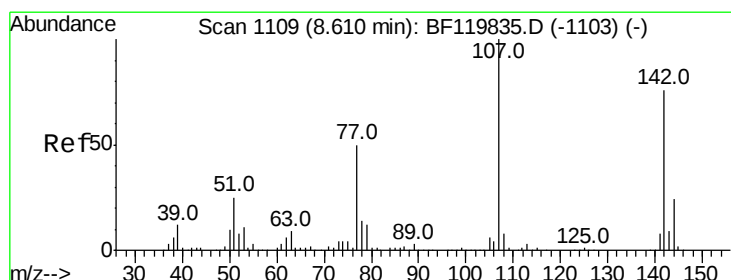
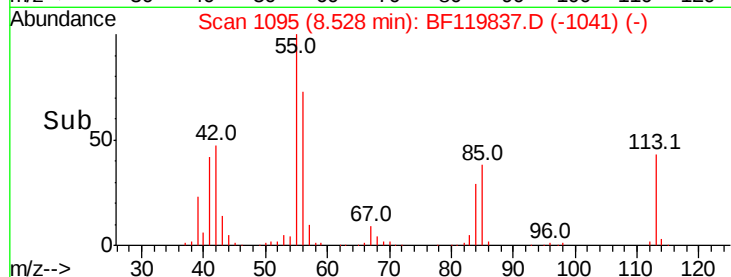
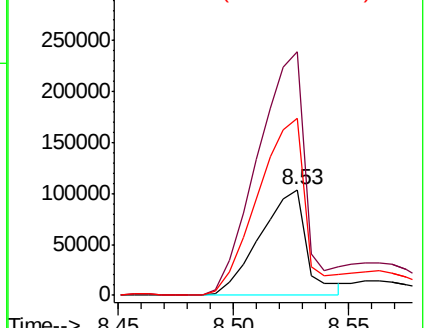
56 167.5 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 56.826 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

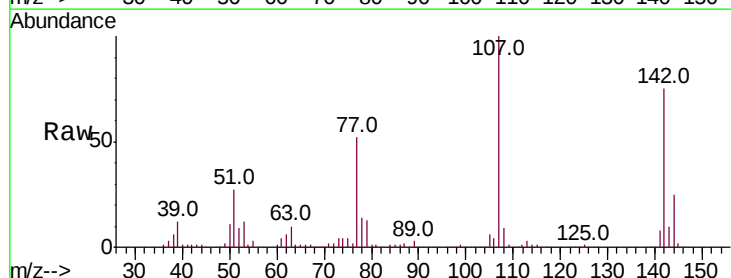
Tgt Ion:107 Resp: 637736

Ion Ratio Lower Upper

107 100

144 24.9 19.5 29.3

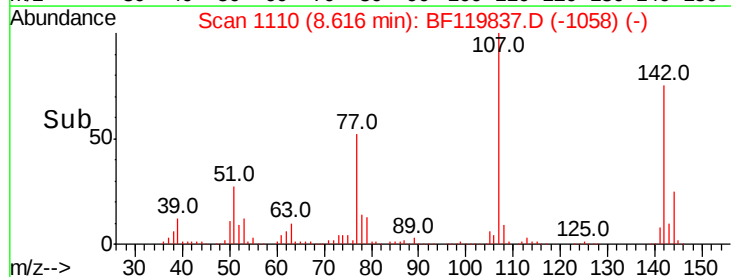
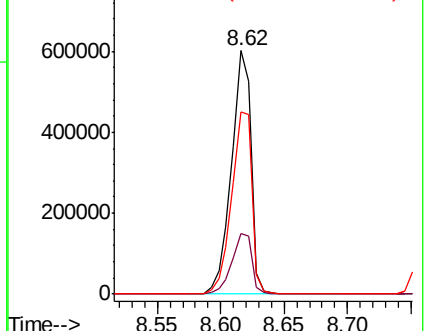
142 74.9 60.5 90.7

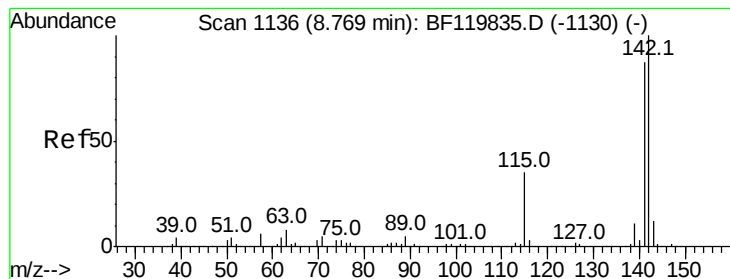


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 58.134 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

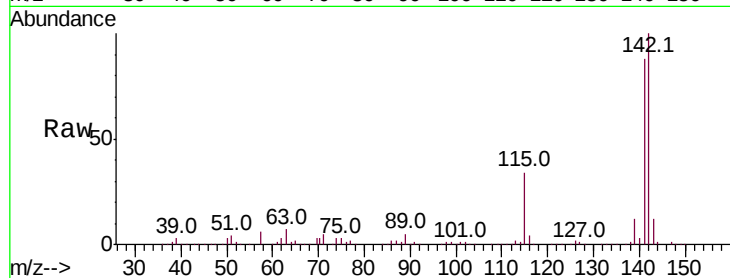
Tot Ion:142 Resp: 1370513

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9

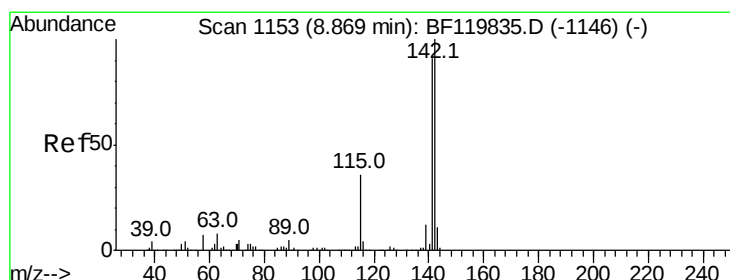
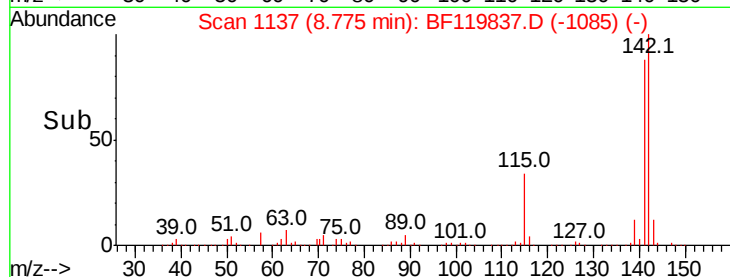
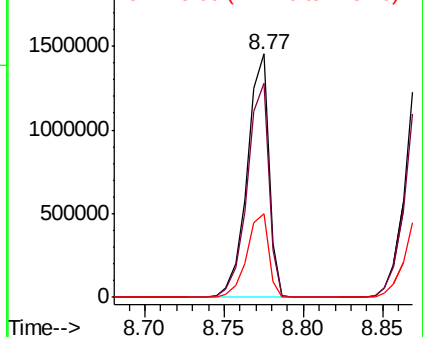
115 34.2 28.0 42.0



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: 58.241 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

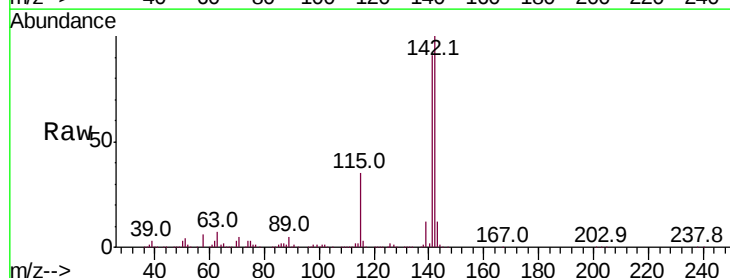
Tgt Ion:142 Resp: 1299589

Ion Ratio Lower Upper

142 100

141 90.8 72.9 109.3

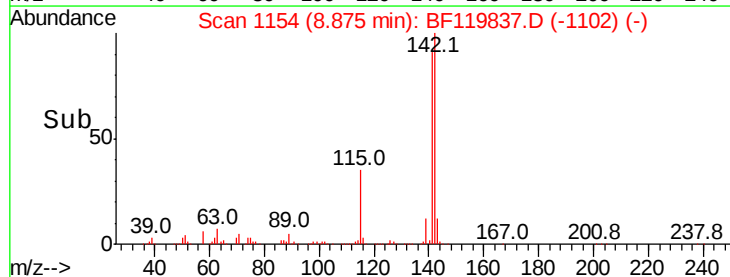
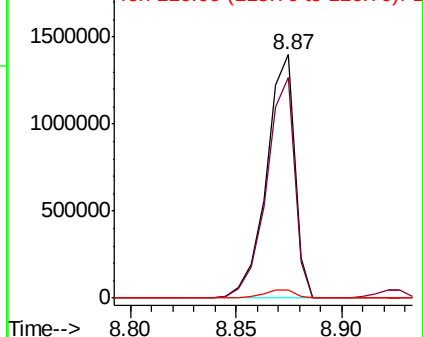
116 3.5 3.0 4.6

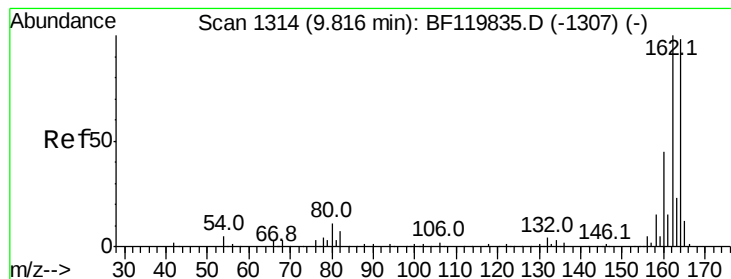


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampled :

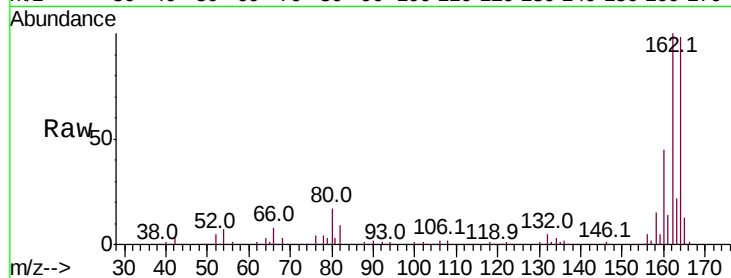
Tot Ion:164 Resp: 333807

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

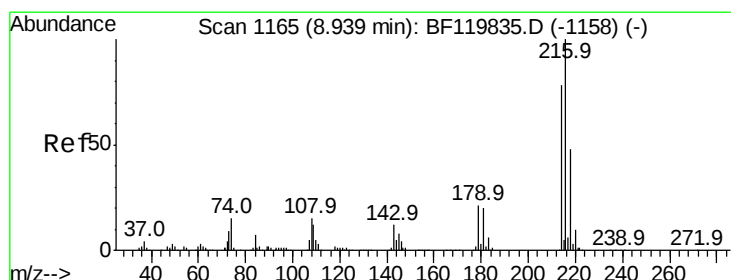
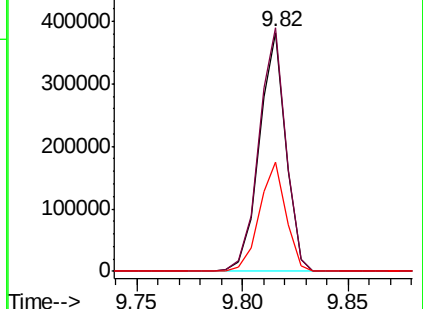
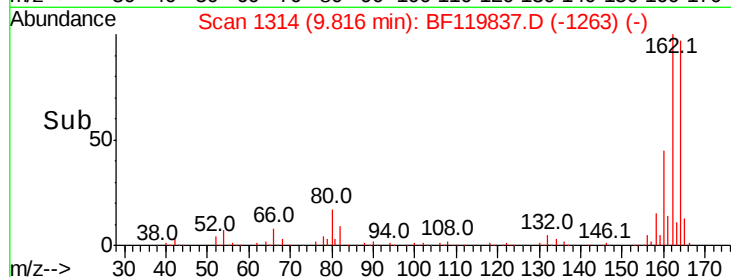
160 45.8 36.6 54.8



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: 64.561 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Tgt Ion:216 Resp: 631677

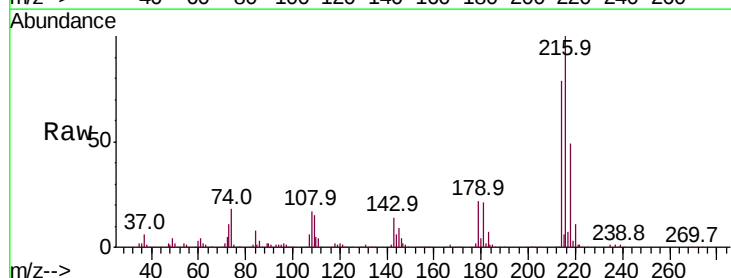
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 21.6 17.0 25.4

108 18.7 14.8 22.2

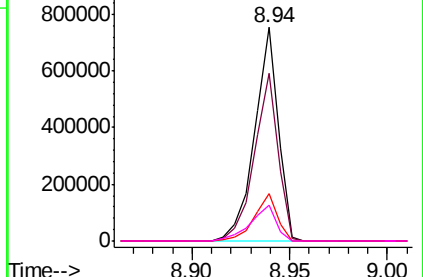
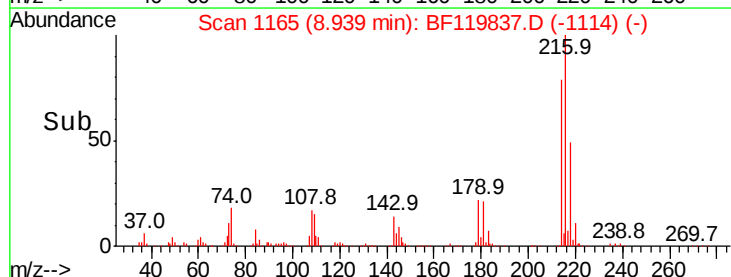


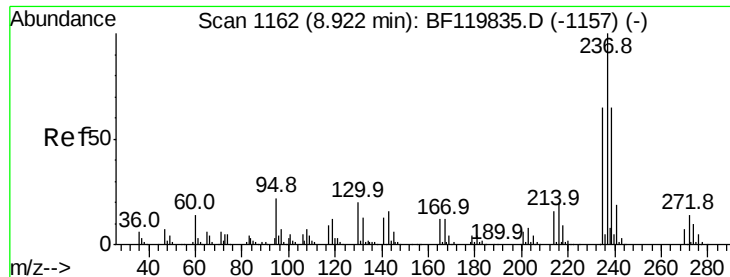
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.740 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

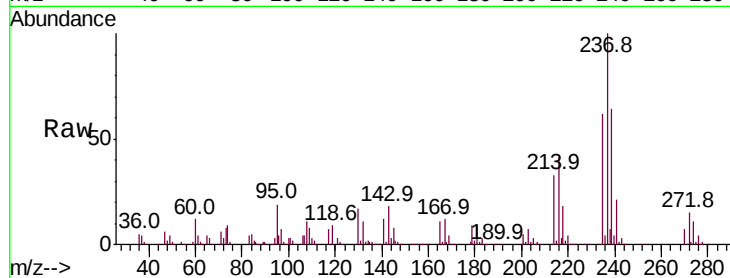
Tot Ion:237 Resp: 376799

Ion Ratio Lower Upper

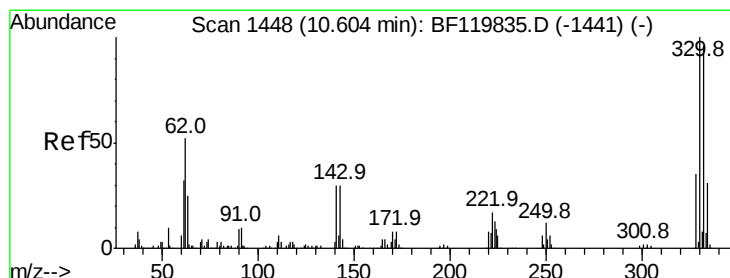
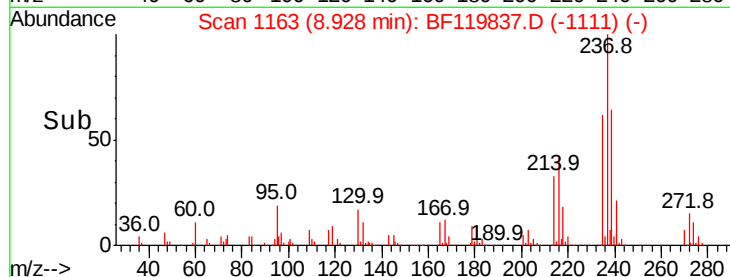
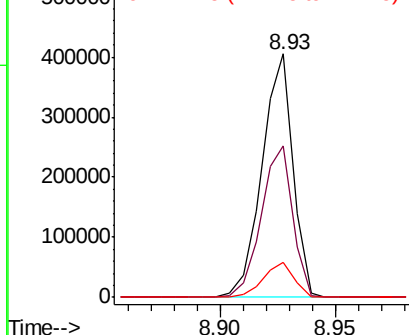
237 100

235 62.4 44.9 84.9

272 14.6 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 141.999 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

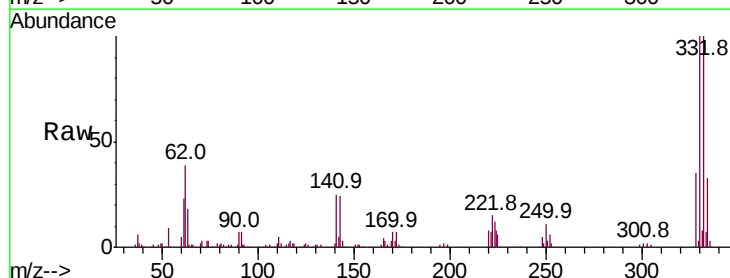
Tgt Ion:330 Resp: 489012

Ion Ratio Lower Upper

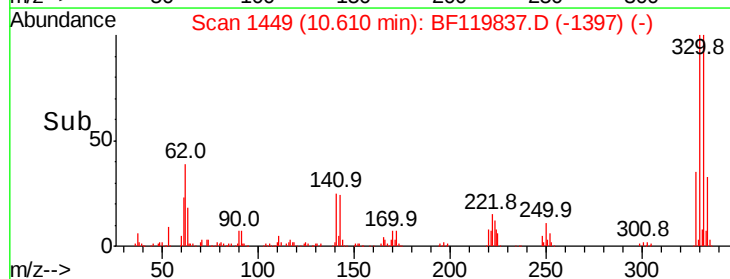
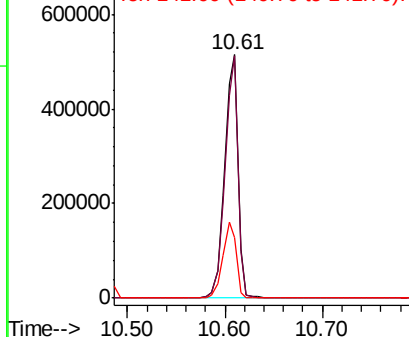
330 100

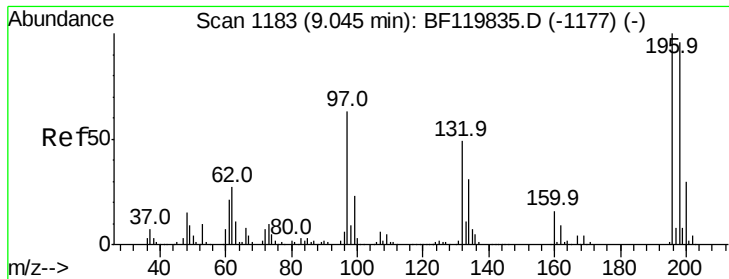
332 96.5 76.8 115.2

141 31.4 25.1 37.7



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

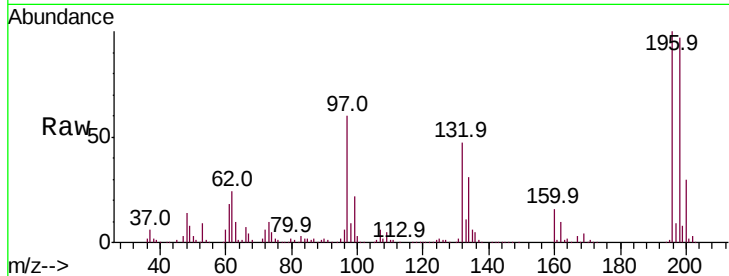




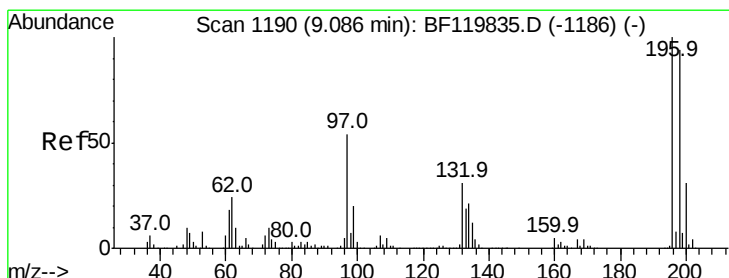
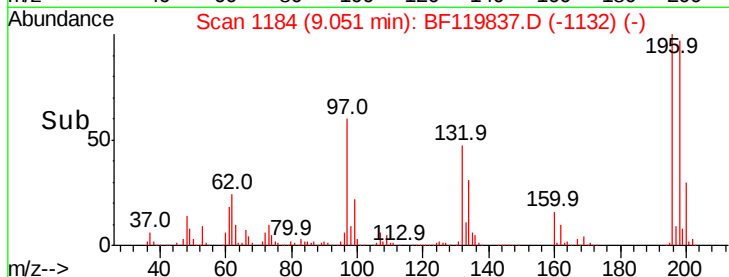
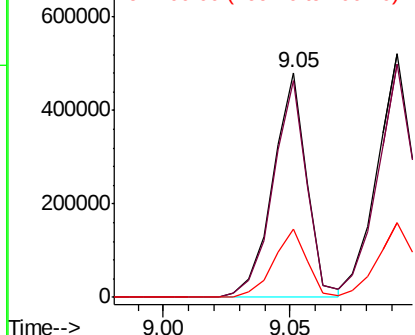
#43
 2,4,6-Trichlorophenol
 Concen: 63.822 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 446864
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 30.3 24.2 36.2



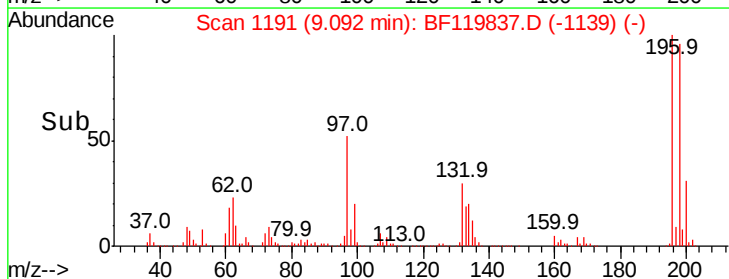
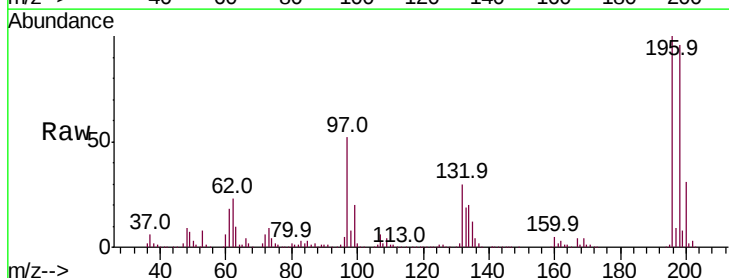
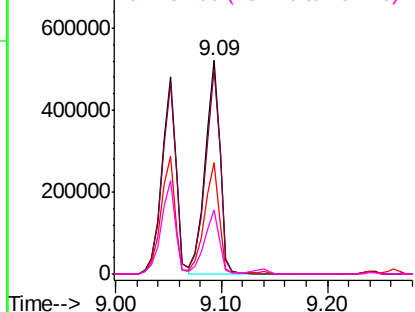
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

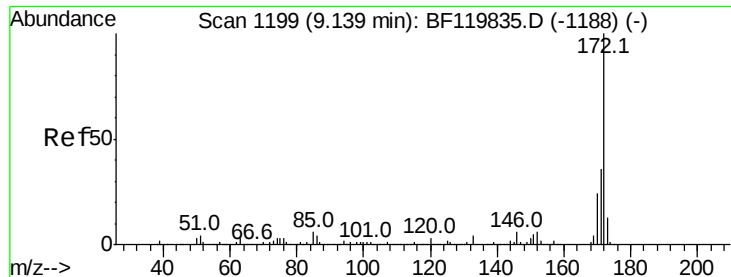


#44
 2,4,5-Trichlorophenol
 Concen: 64.227 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:196 Resp: 503768
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.1 112.7
 97 52.3 43.4 65.2
 132 30.0 24.5 36.7

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

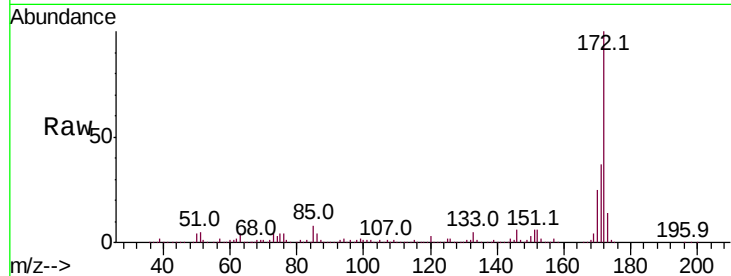




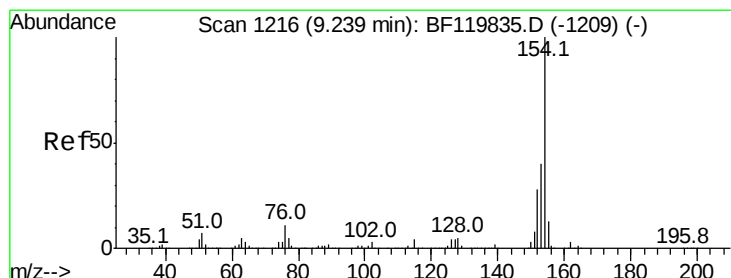
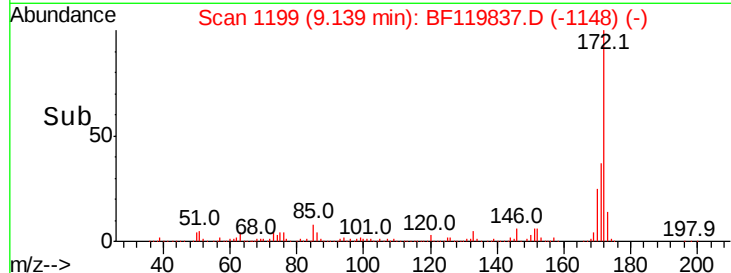
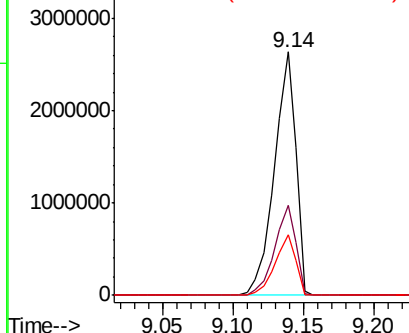
#45
2-Fluorobiphenyl
Concen: 124.450 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2804112
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 24.7 19.4 29.2

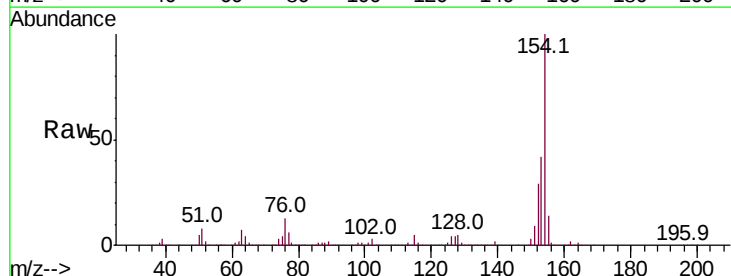


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

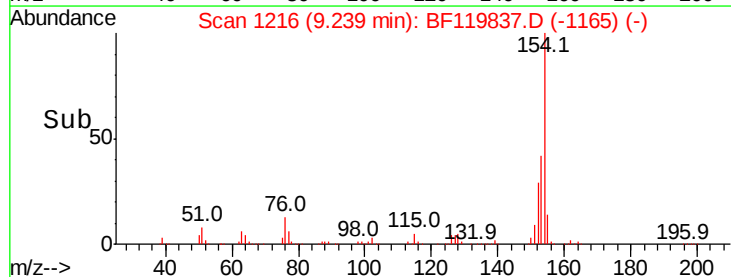
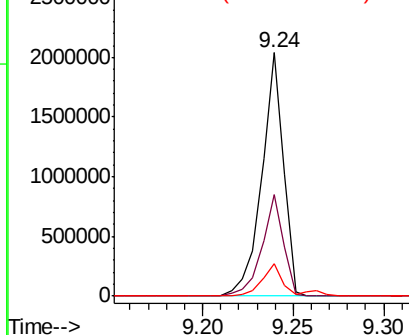


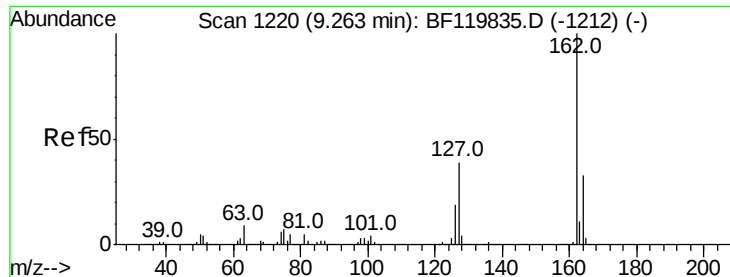
#46
1,1'-Biphenyl
Concen: 62.660 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:154 Resp: 1703547
Ion Ratio Lower Upper
154 100
153 41.7 20.5 60.5
76 13.2 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: 60.584 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

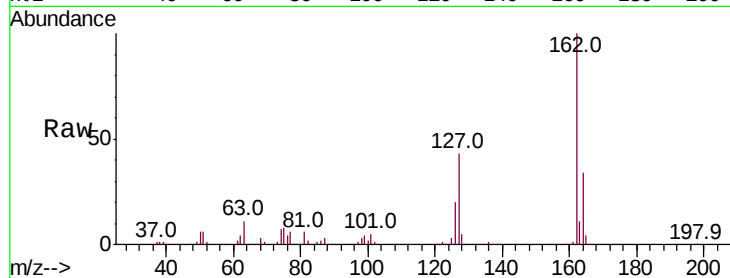
Tot Ion:162 Resp: 1290192

Ion Ratio Lower Upper

162 100

127 42.5 31.2 46.8

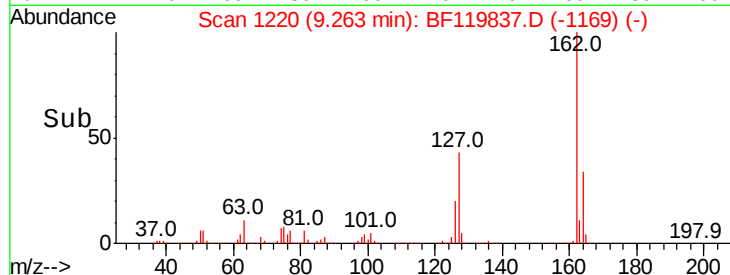
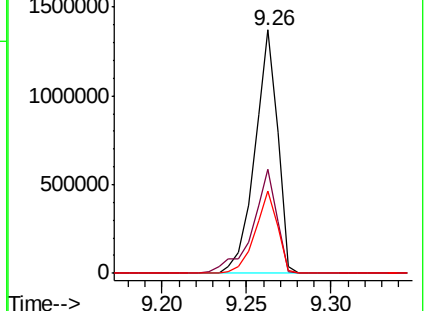
164 33.6 26.3 39.5



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: 63.772 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

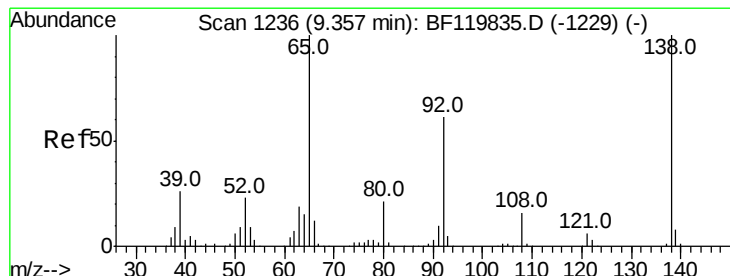
Tgt Ion: 65 Resp: 468757

Ion Ratio Lower Upper

65 100

92 62.1 49.0 73.6

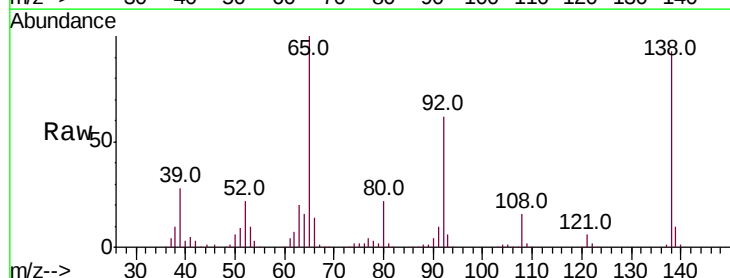
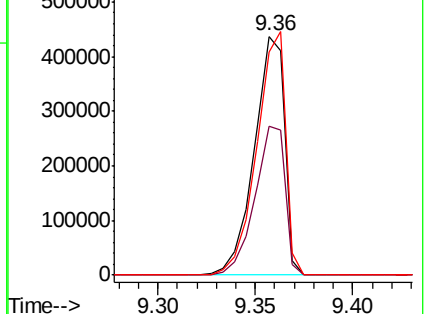
138 93.4 79.7 119.5

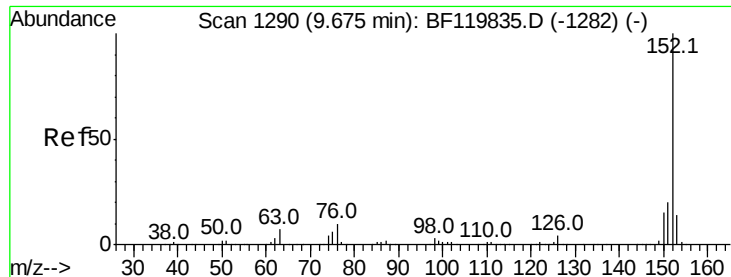


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.091 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

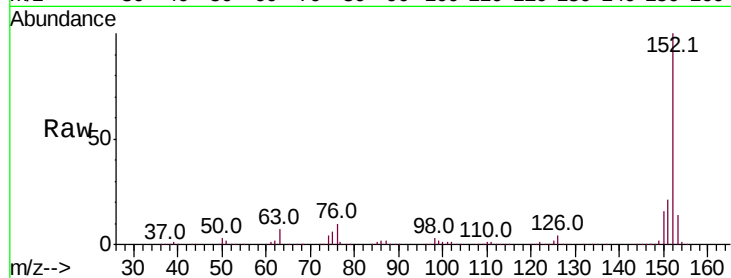
Tot Ion:152 Resp: 1942680

Ion Ratio Lower Upper

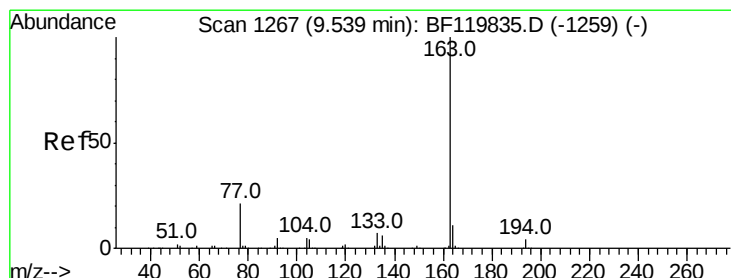
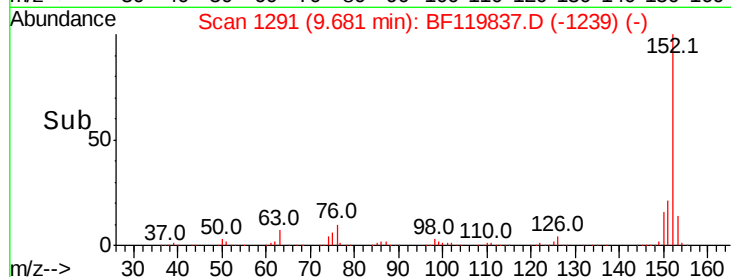
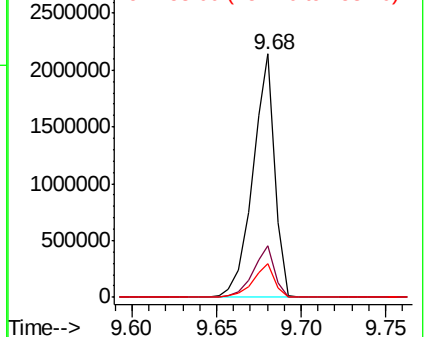
152 100

151 21.3 16.2 24.4

153 13.8 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: 65.116 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

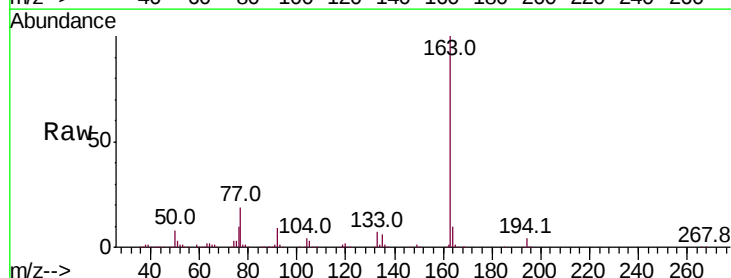
Tgt Ion:163 Resp: 1543921

Ion Ratio Lower Upper

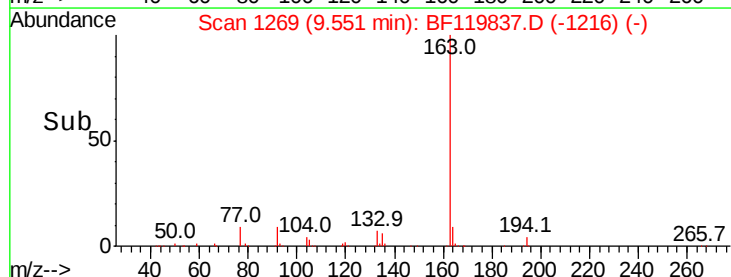
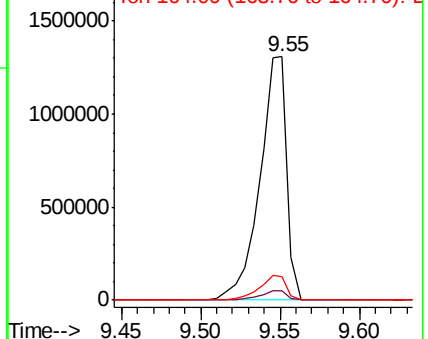
163 100

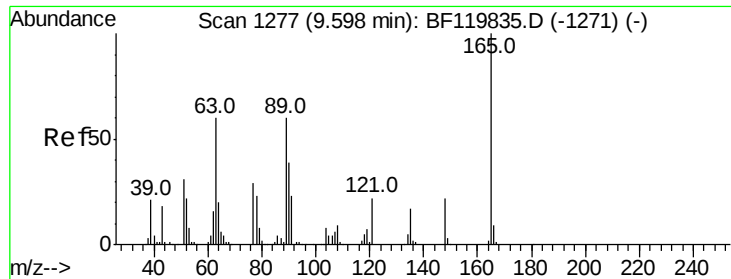
194 3.9 3.0 4.4

164 9.8 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

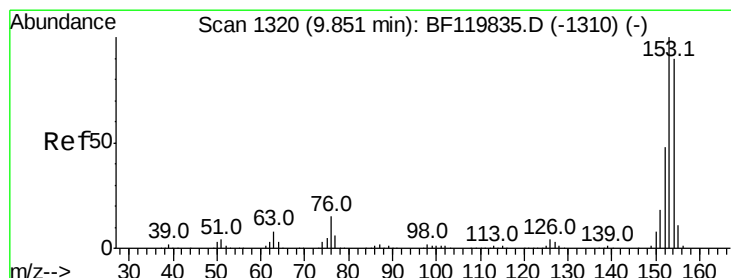
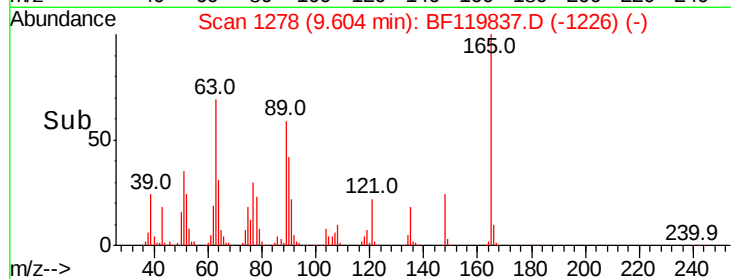
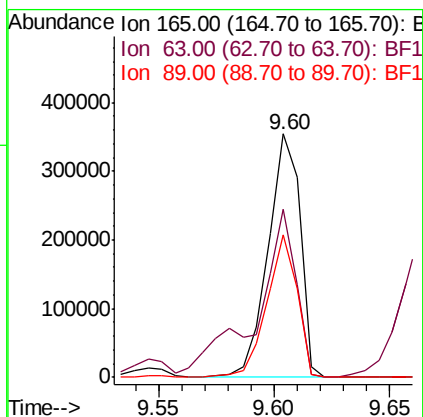
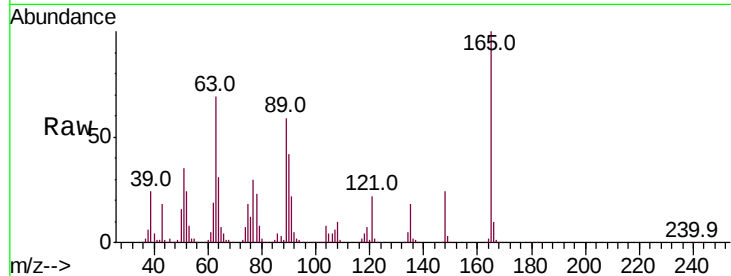




#51
2,6-Dinitrotoluene
Concen: 67.176 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

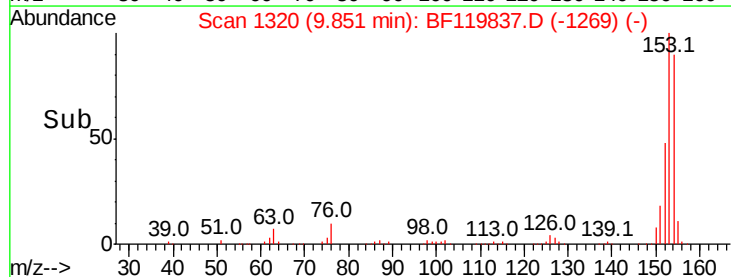
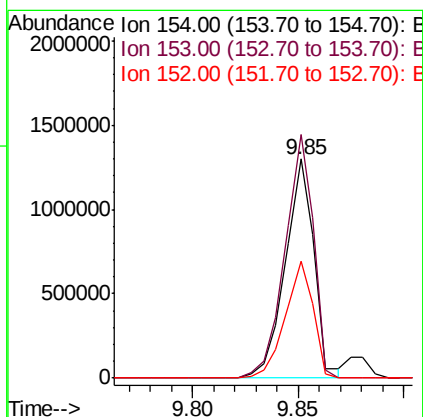
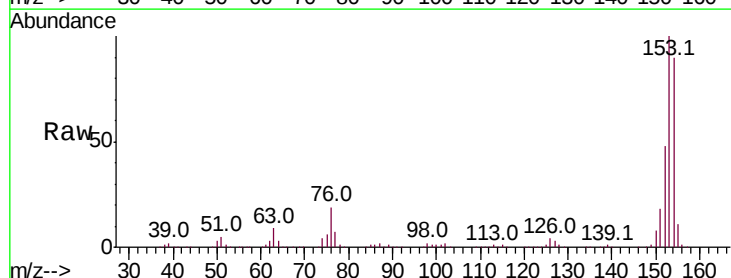
Instrument :
BNA_F
ClientSampled :

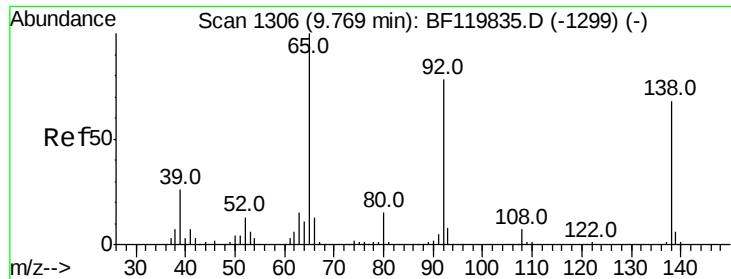
Tot Ion:165 Resp: 341401
Ion Ratio Lower Upper
165 100
63 68.8 55.6 83.4
89 58.6 47.9 71.9



#52
Acenaphthene
Concen: 59.461 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:154 Resp: 1239663
Ion Ratio Lower Upper
154 100
153 111.1 88.8 133.2
152 53.3 42.4 63.6

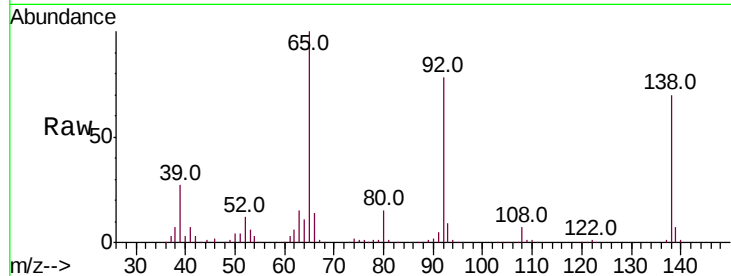




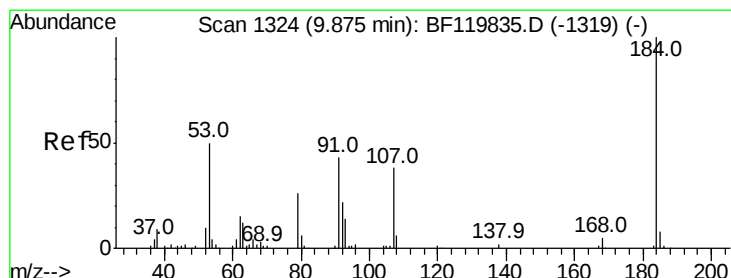
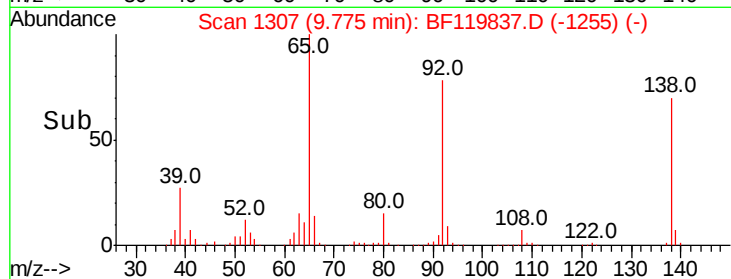
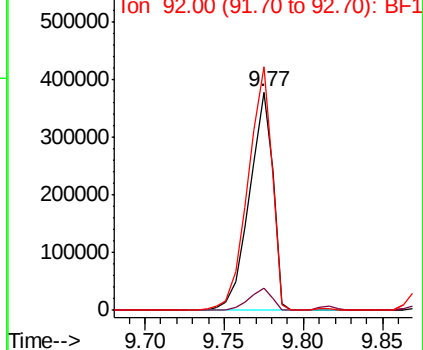
#53
 3-Nitroaniline
 Concen: 61.043 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 391660
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.0 12.0
 92 111.7 92.1 138.1

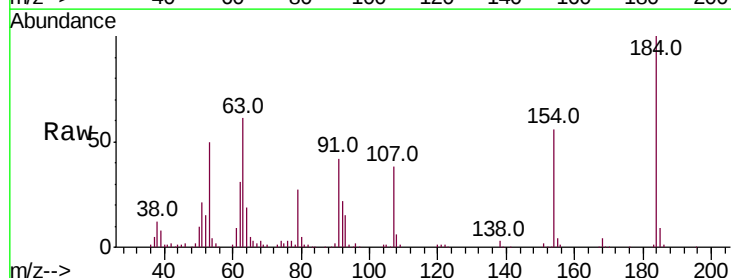


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

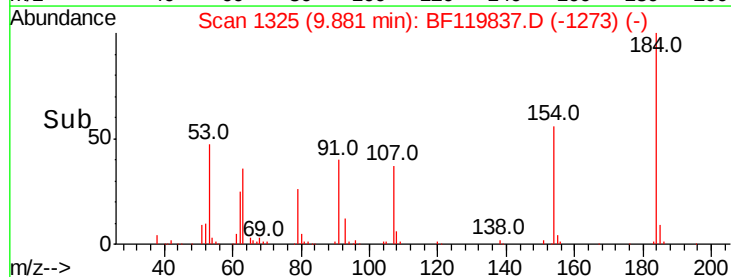
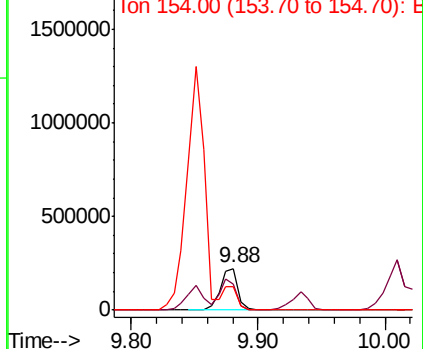


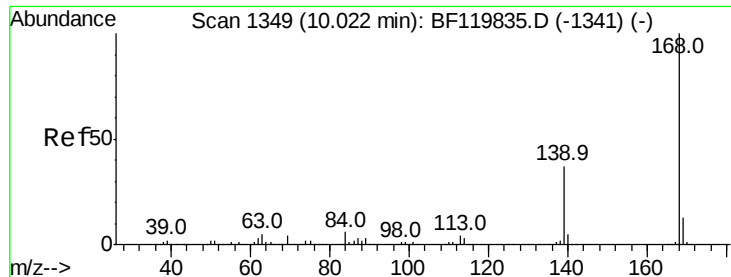
#54
 2,4-Dinitrophenol
 Concen: 117.165 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:184 Resp: 218292
 Ion Ratio Lower Upper
 184 100
 63 61.4 49.8 74.6
 154 56.2 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

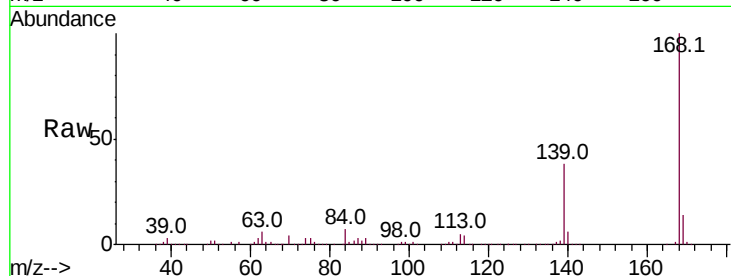




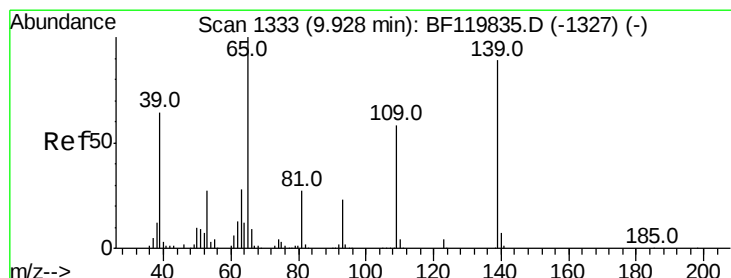
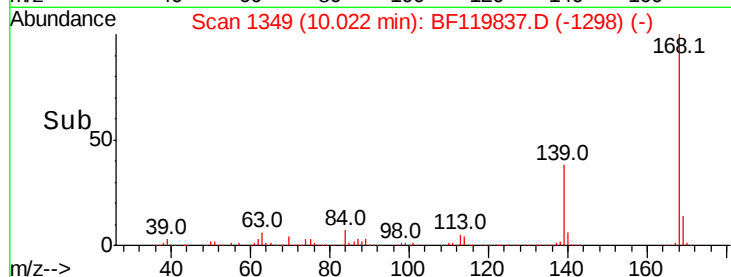
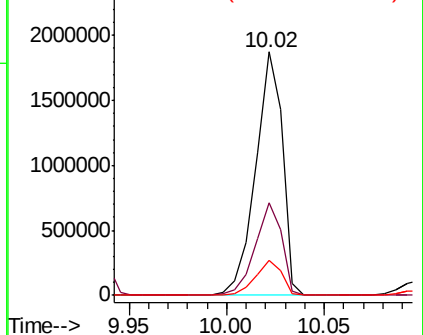
#55
Dibenzofuran
Concen: 59.622 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1782173
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 14.1 10.6 15.8

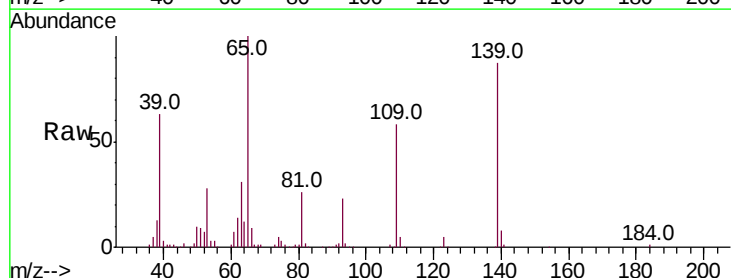


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

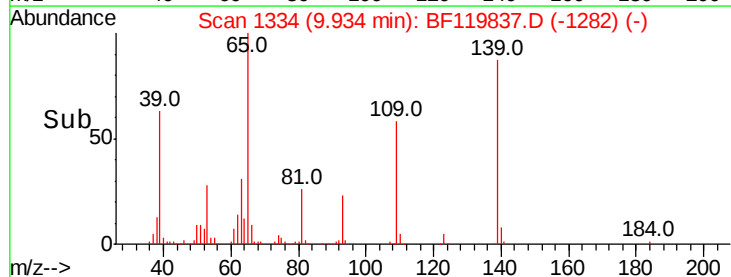
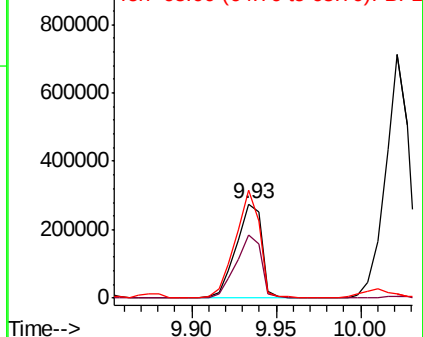


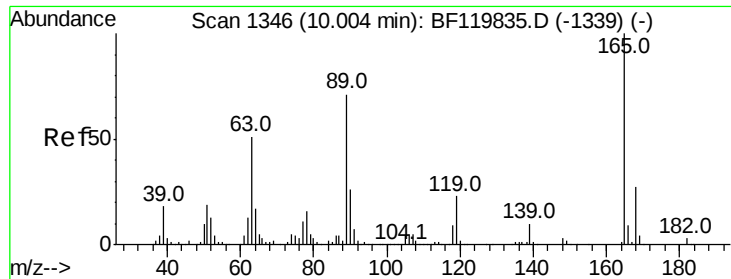
#56
4-Nitrophenol
Concen: 58.249 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:139 Resp: 294830
Ion Ratio Lower Upper
139 100
109 66.9 45.5 85.5
65 114.8 92.3 132.3



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

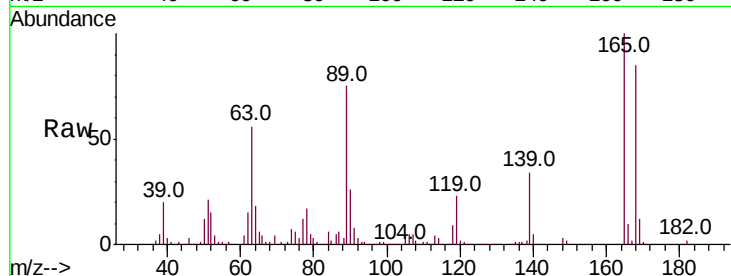




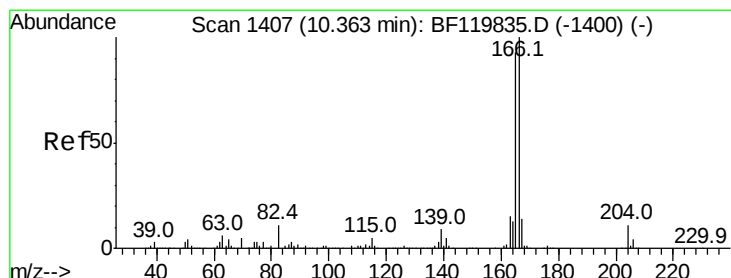
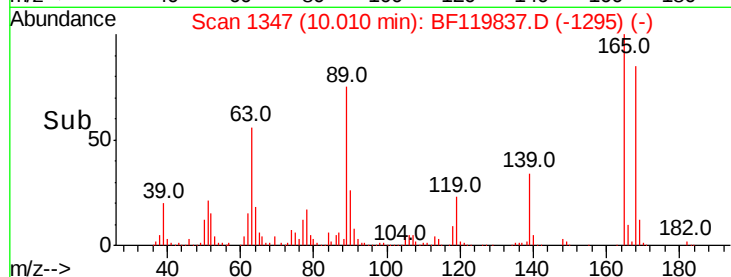
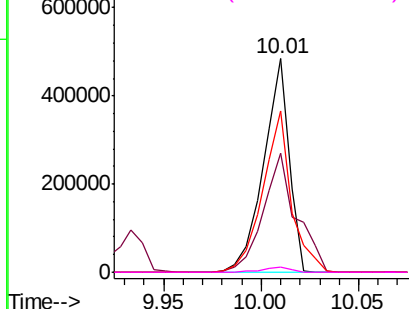
#57
2,4-Dinitrotoluene
Concen: 68.709 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 439889
Ion Ratio Lower Upper
165 100
63 55.6 40.8 61.2
89 75.3 56.9 85.3
182 2.3 2.0 3.0

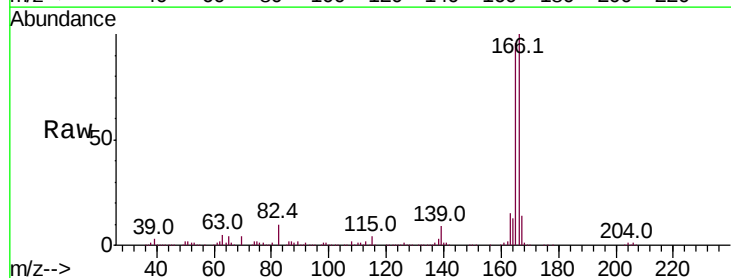


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

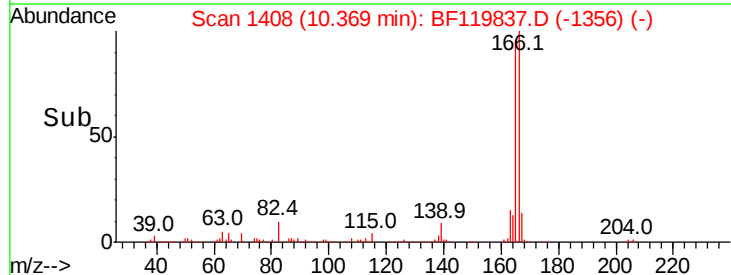
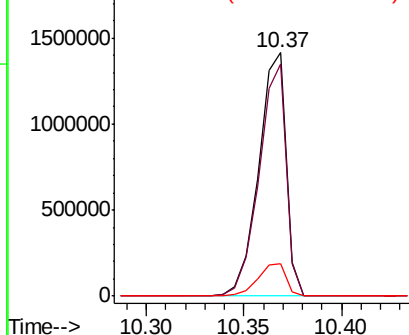


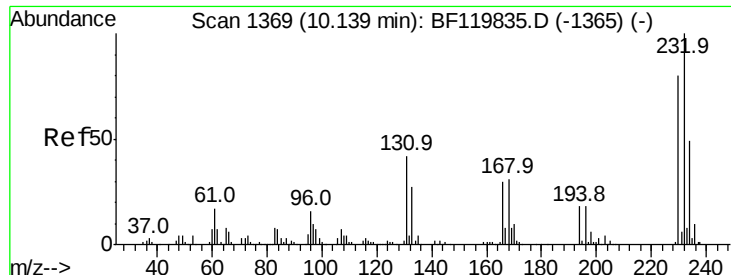
#58
Fluorene
Concen: 62.434 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:166 Resp: 1380053
Ion Ratio Lower Upper
166 100
165 95.5 74.2 111.2
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

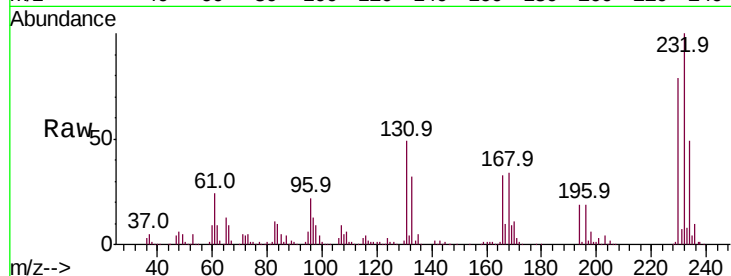




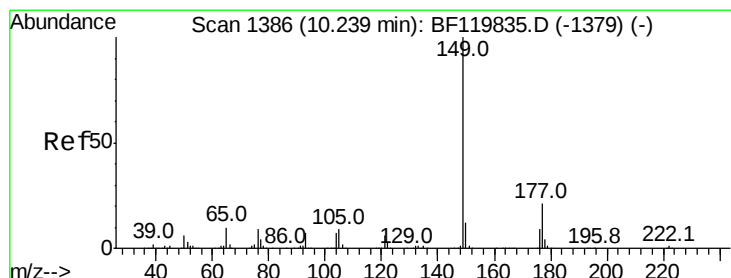
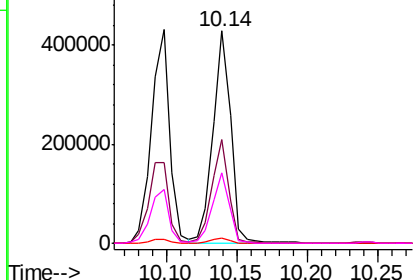
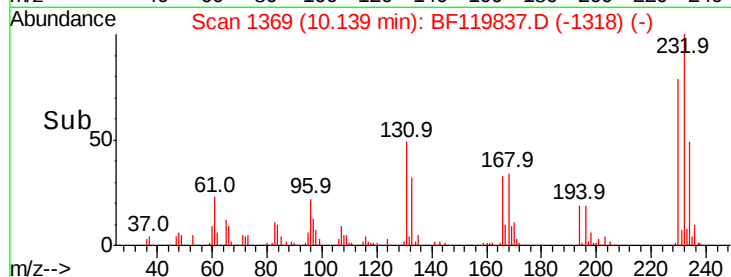
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.768 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 373868
 Ion Ratio Lower Upper
 232 100
 131 46.6 37.9 56.9
 130 2.2 1.8 2.6
 166 31.9 25.4 38.0

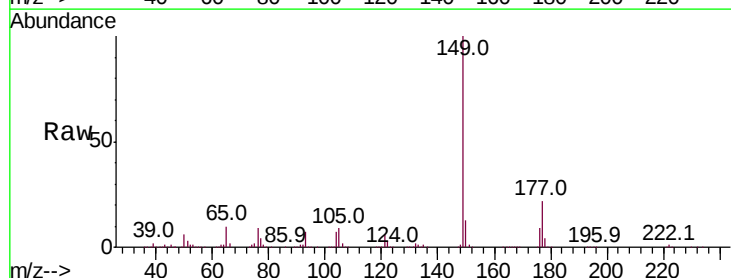


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

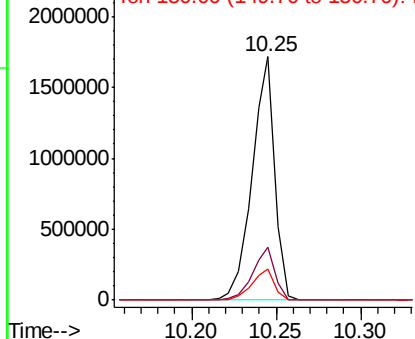
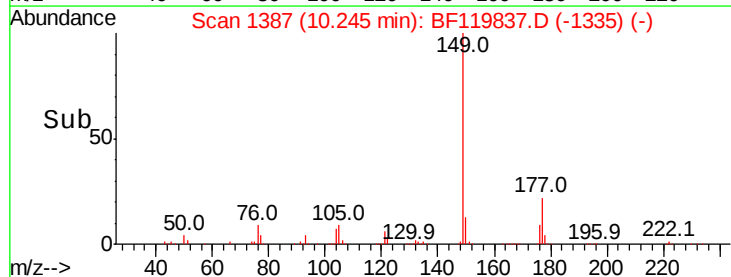


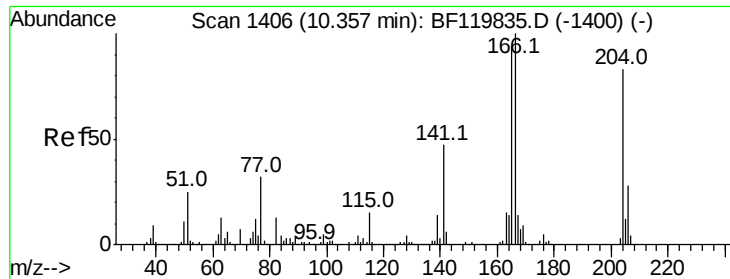
#60
 Diethylphthalate
 Concen: 66.499 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:149 Resp: 1600291
 Ion Ratio Lower Upper
 149 100
 177 21.7 16.8 25.2
 150 12.9 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

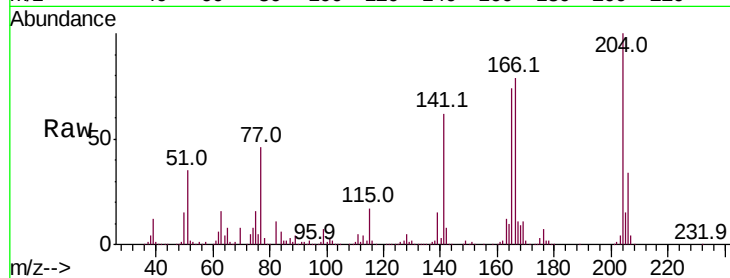




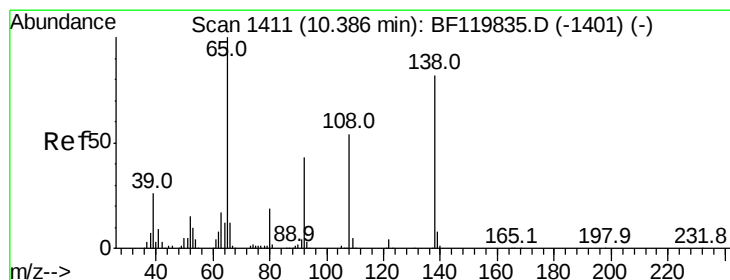
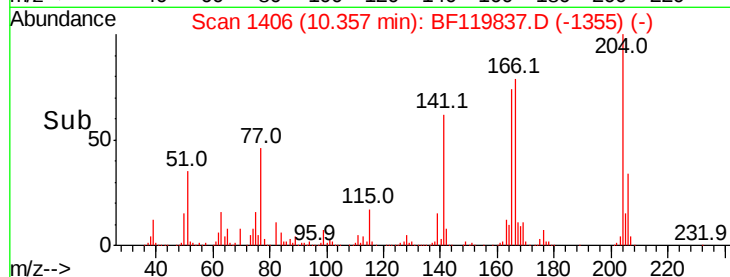
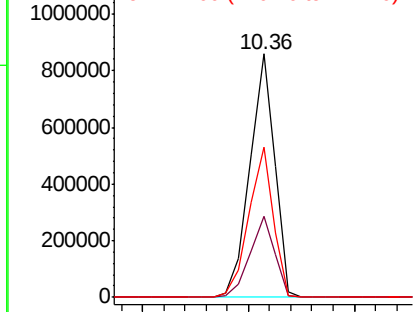
#61
4-Chlorophenyl-phenylether
Concen: 65.434 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 707291
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 61.7 45.8 68.8

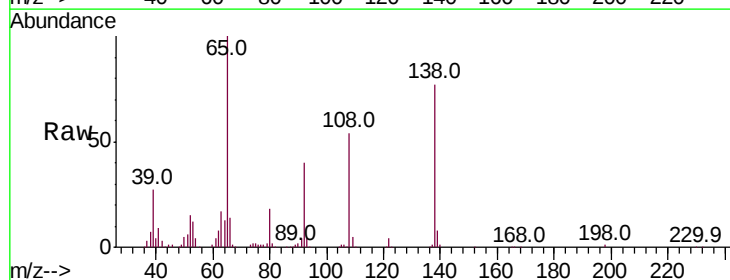


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

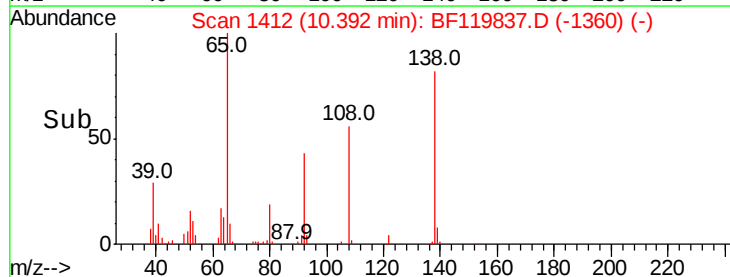
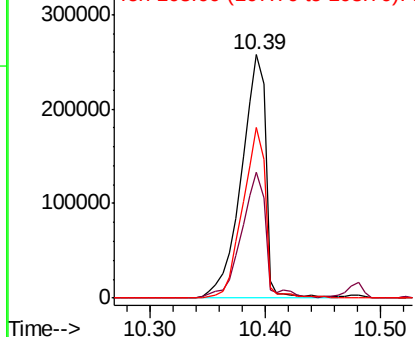


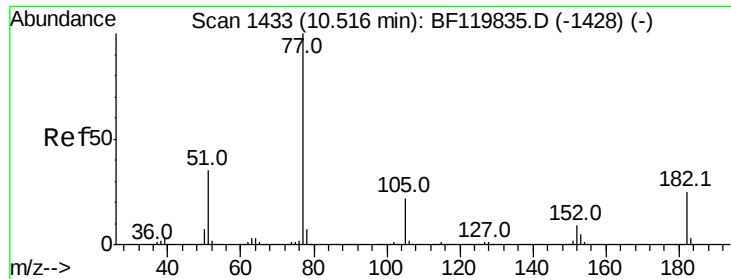
#62
4-Nitroaniline
Concen: 61.401 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:138 Resp: 377782
Ion Ratio Lower Upper
138 100
92 51.7 31.6 71.6
108 69.9 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

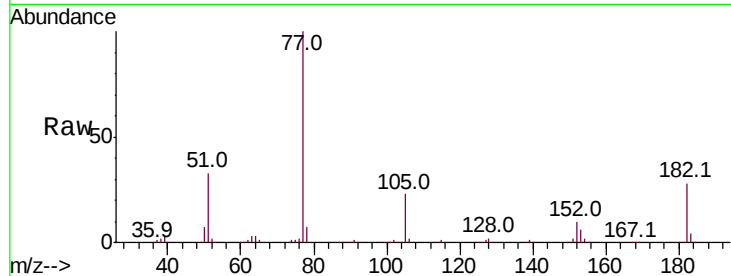




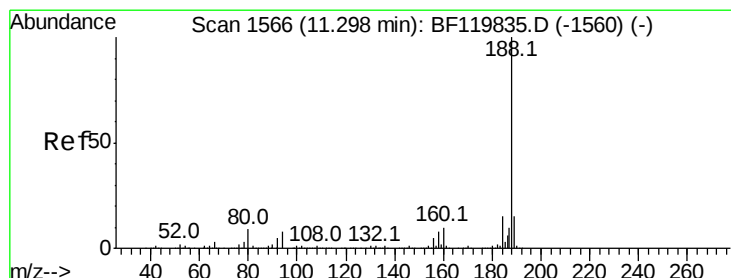
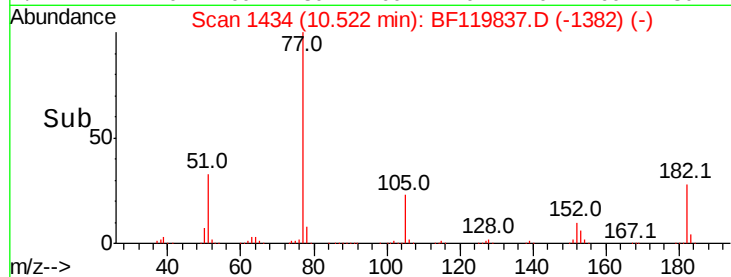
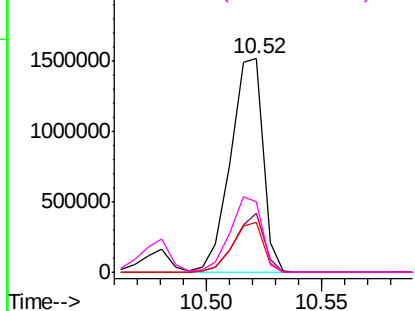
#63
Azobenzene
Concen: 61.525 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1490959
Ion Ratio Lower Upper
77 100
182 27.8 4.5 44.5
105 23.4 2.2 42.2
51 33.1 15.1 55.1

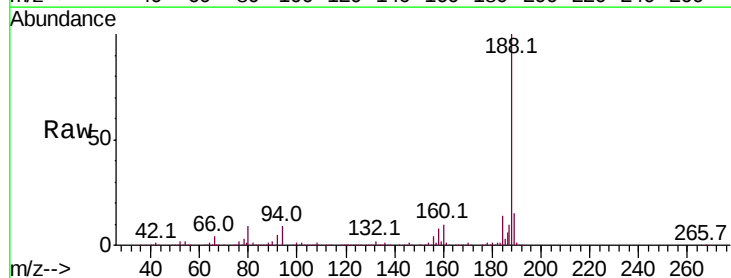


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

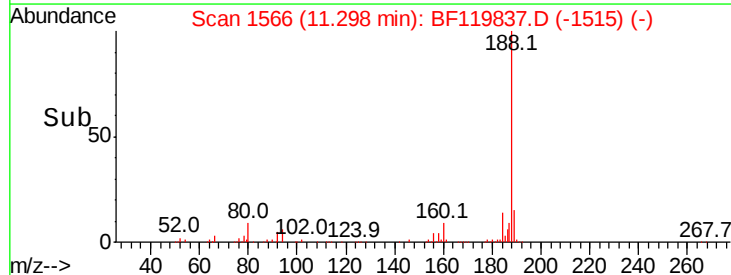
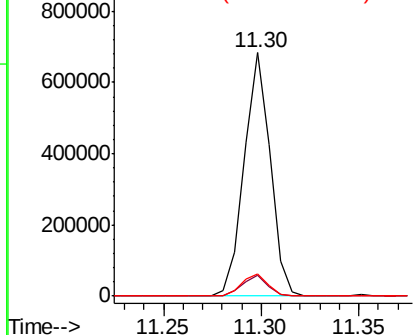


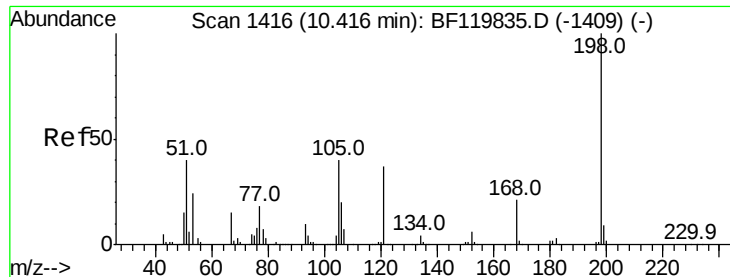
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion: 188 Resp: 631583
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 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

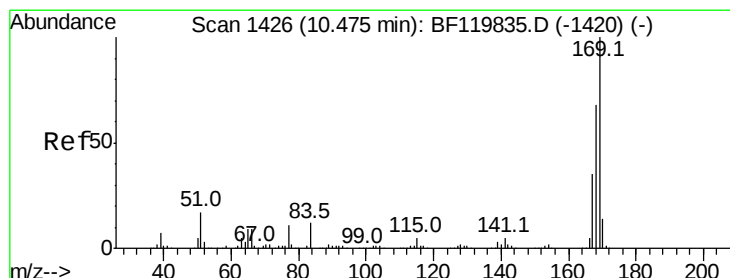
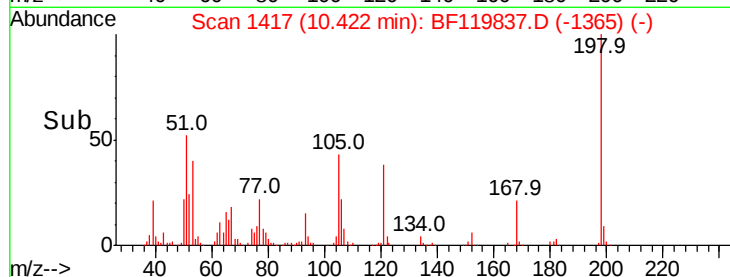
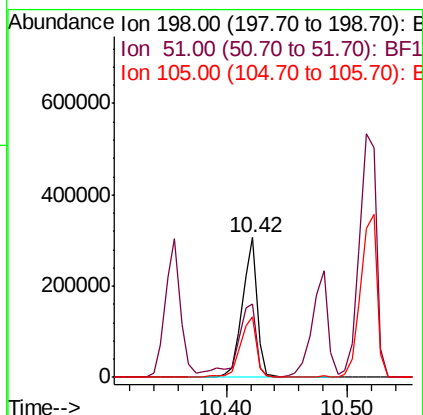
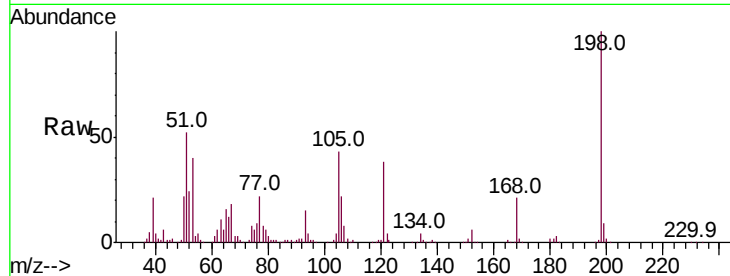




#65
 4,6-Dinitro-2-methylphenol
 Concen: 99.221 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

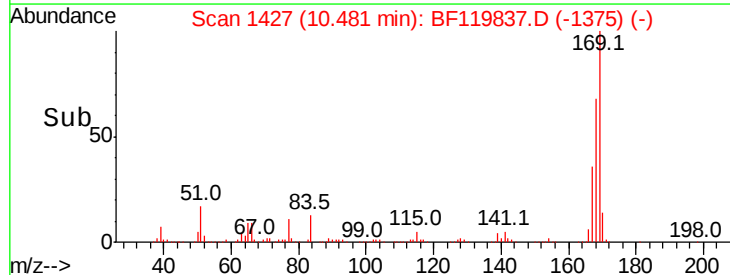
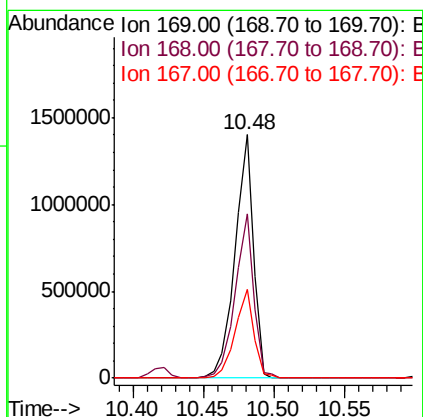
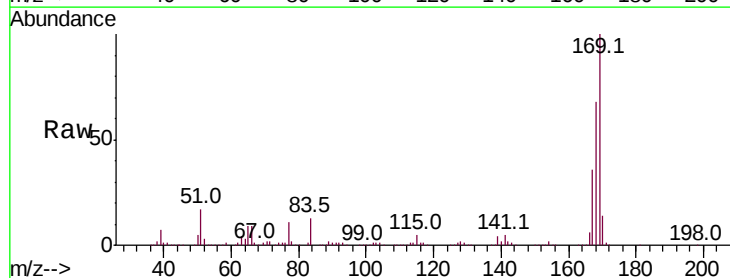
Instrument :
 BNA_F
 ClientSampleId :

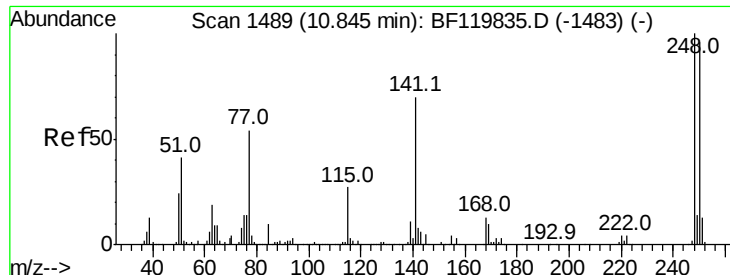
Tot Ion:198 Resp: 262776
 Ion Ratio Lower Upper
 198 100
 51 52.3 25.2 65.2
 105 43.4 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 61.475 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:169 Resp: 1274613
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.2 81.4
 167 36.2 28.3 42.5

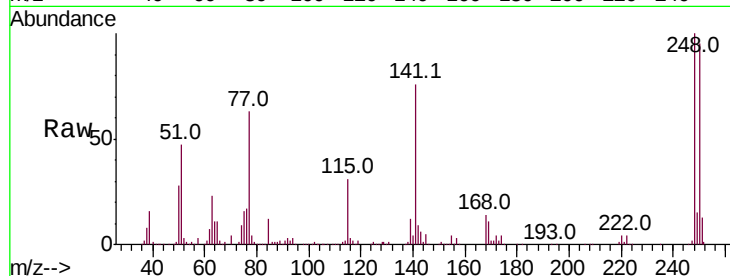




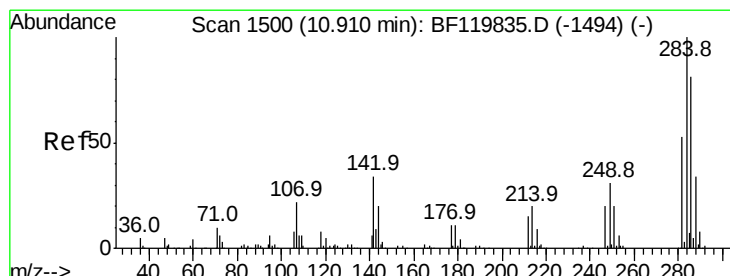
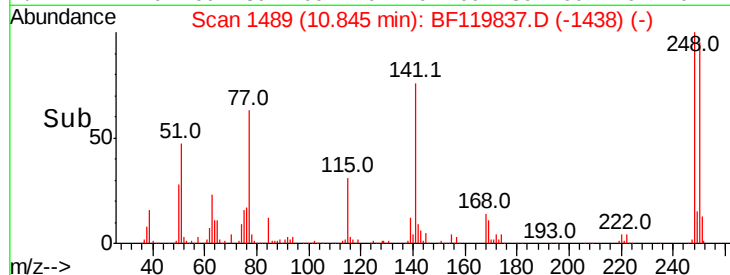
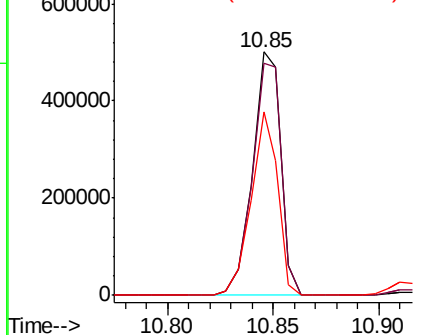
#67
 4-Bromophenyl-phenylether
 Concen: 64.865 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 466570
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.6 114.8
 141 75.5 55.9 83.9

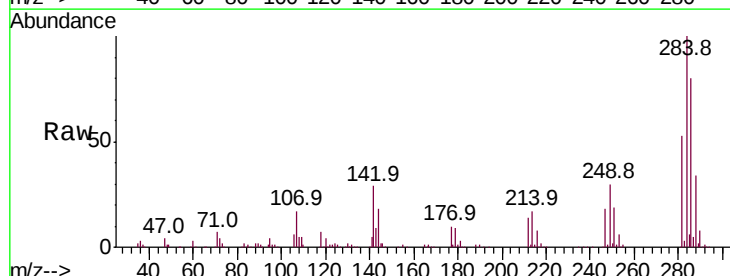


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

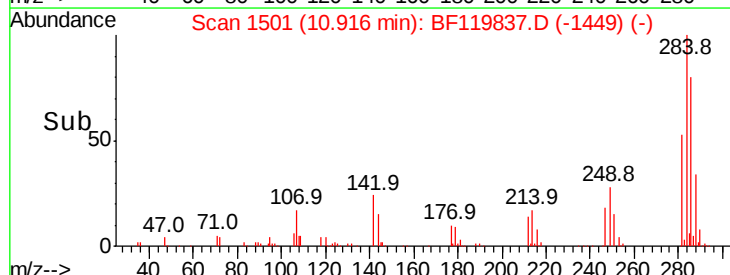
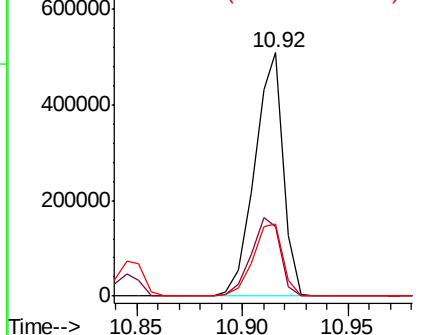


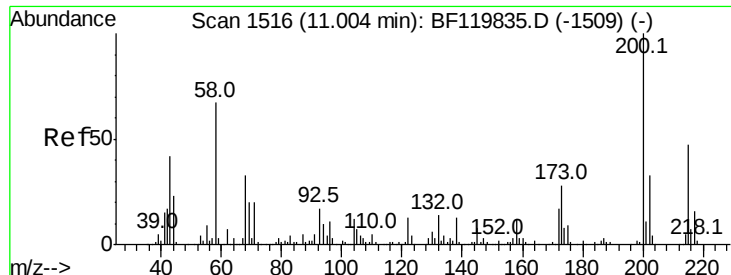
#68
 Hexachlorobenzene
 Concen: 64.781 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:284 Resp: 476905
 Ion Ratio Lower Upper
 284 100
 142 28.8 26.9 40.3
 249 29.6 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

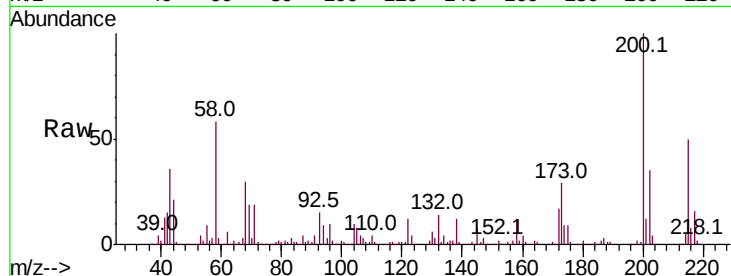




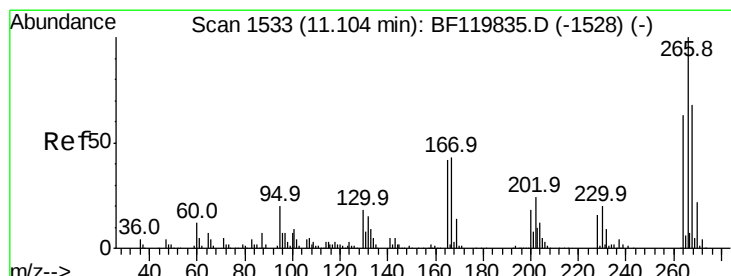
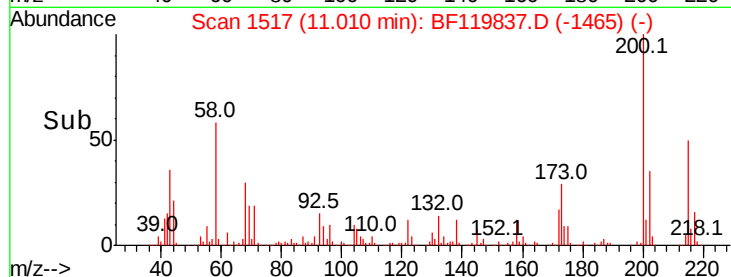
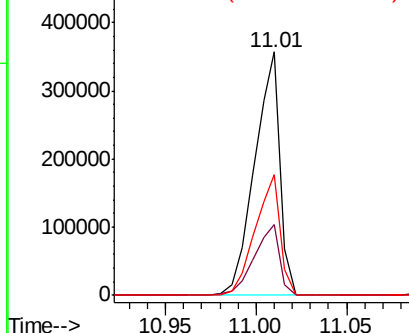
#69
Atrazine
Concen: 60.825 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 345741
Ion Ratio Lower Upper
200 100
173 28.9 8.0 48.0
215 49.7 27.1 67.1

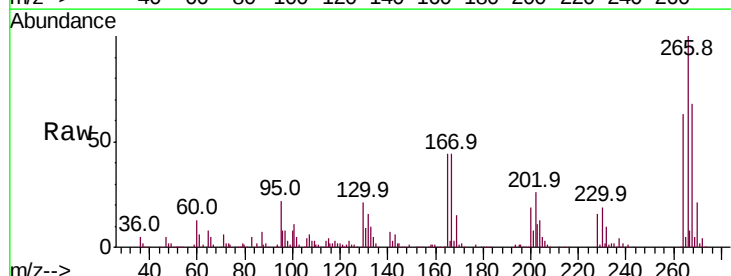


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

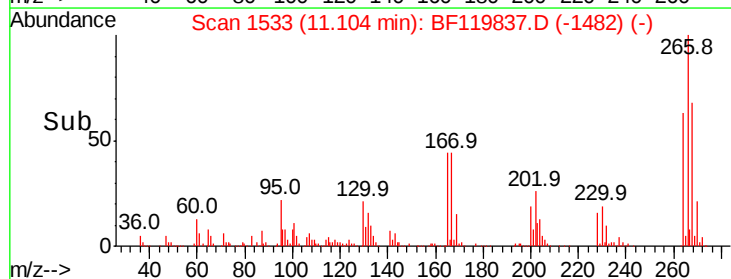
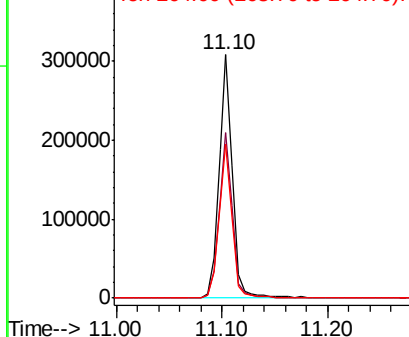


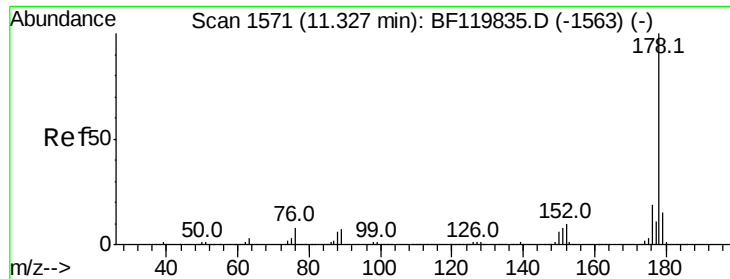
#70
Pentachlorophenol
Concen: 64.605 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:266 Resp: 278875
Ion Ratio Lower Upper
266 100
268 68.1 54.2 81.4
264 63.4 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

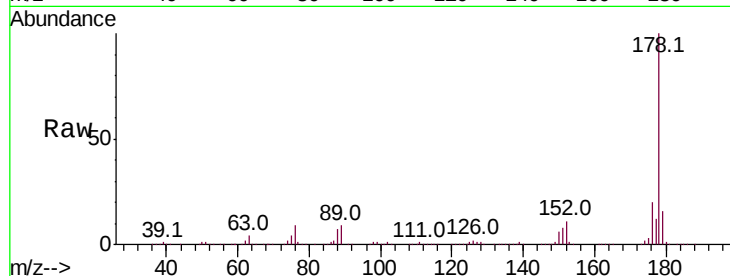




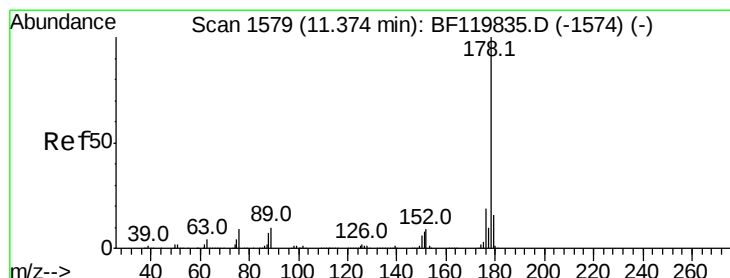
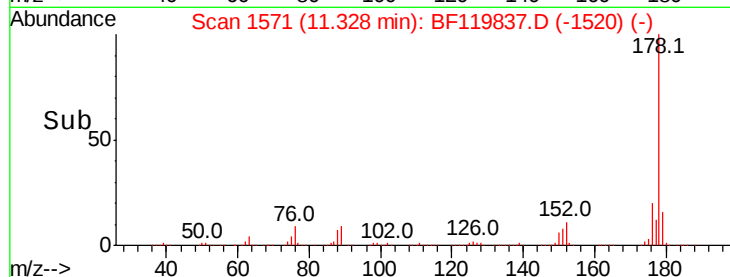
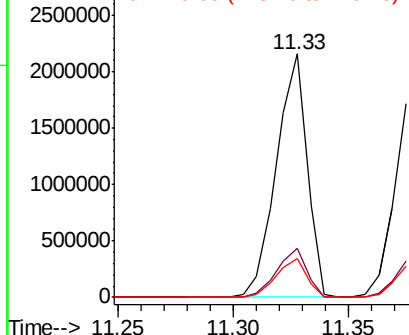
#71
Phenanthrene
Concen: 60.805 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1991302
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 16.0 12.2 18.4

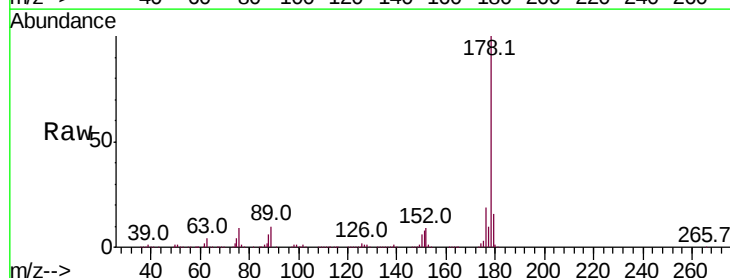


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

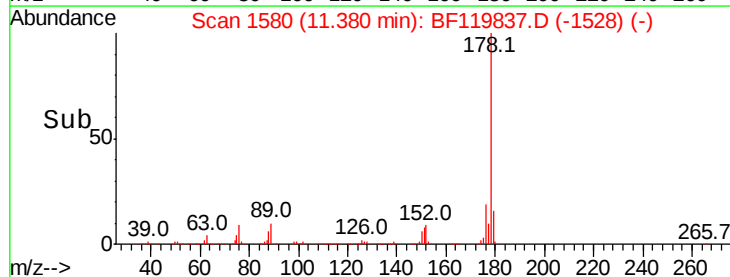
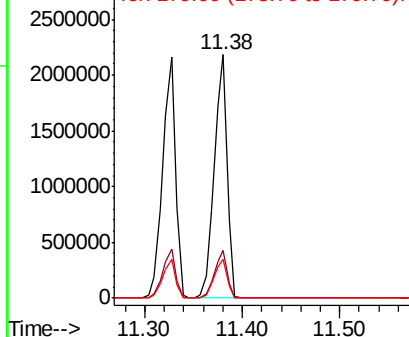


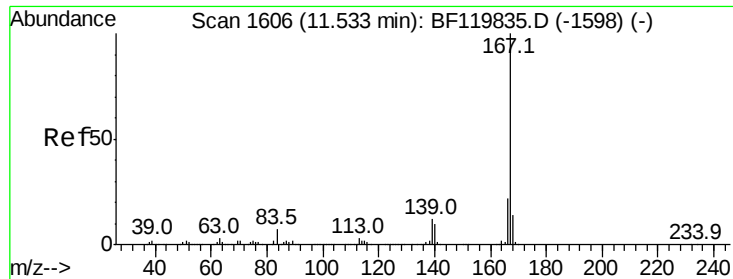
#72
Anthracene
Concen: 59.812 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:178 Resp: 1990807
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

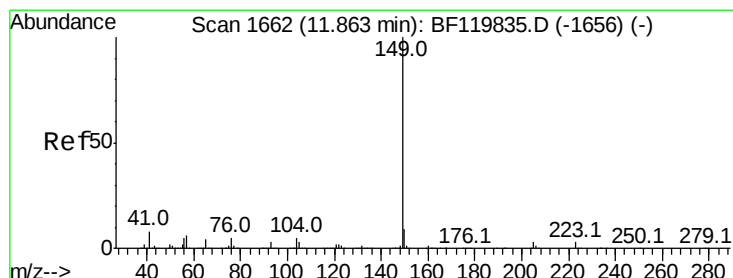
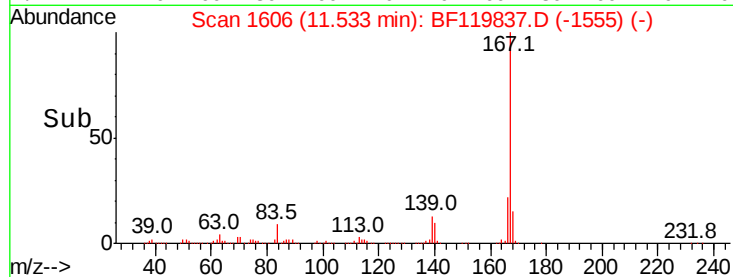
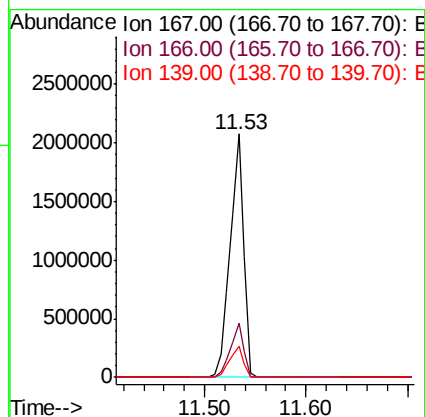
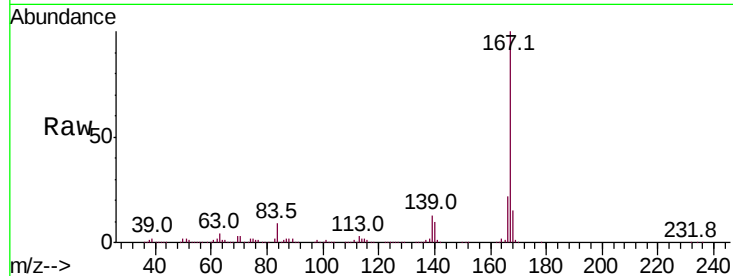




#73
 Carbazole
 Concen: 59.236 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

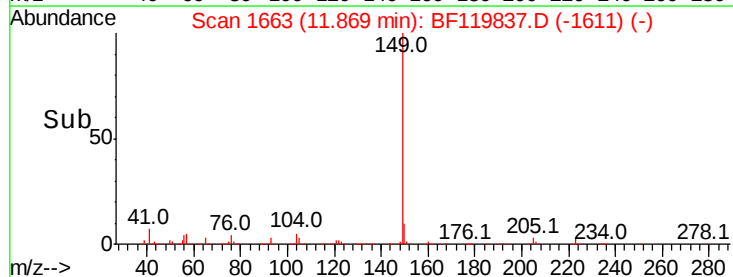
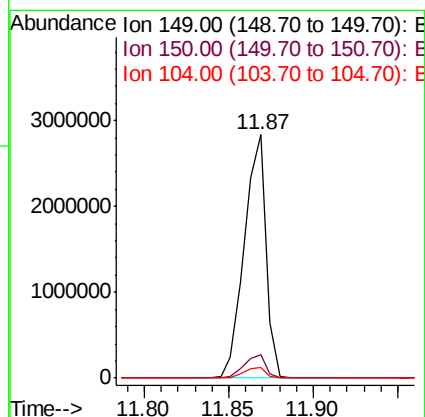
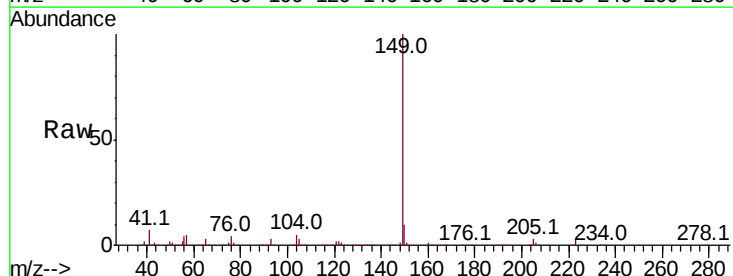
Instrument :
 BNA_F
 ClientSampled :

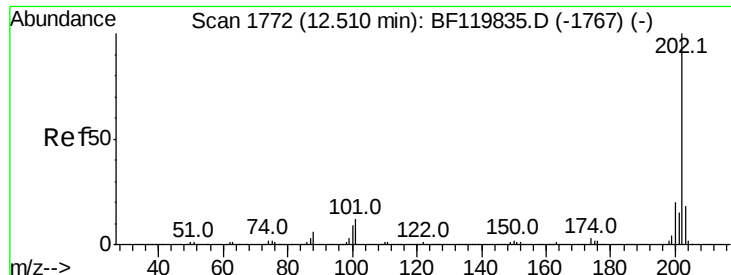
Tot Ion:167 Resp: 1951542
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.8 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 72.340 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:149 Resp: 2549426
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 4.5 3.8 5.6

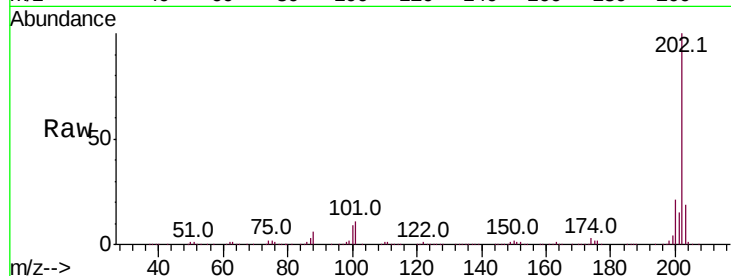




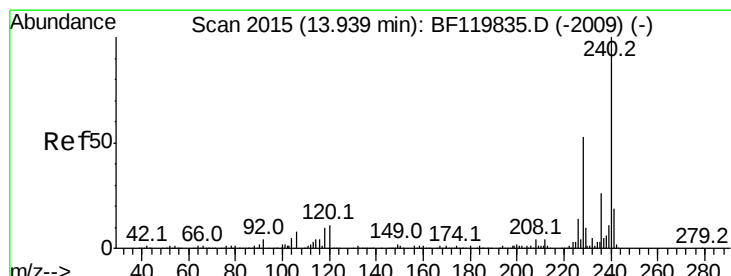
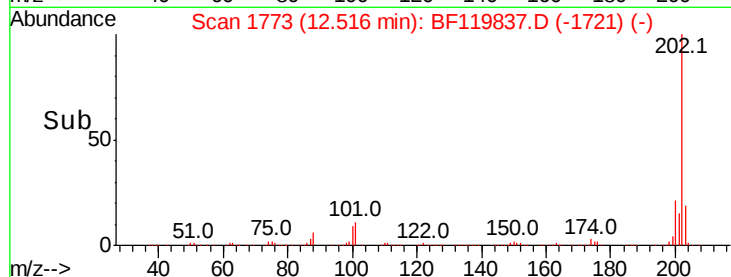
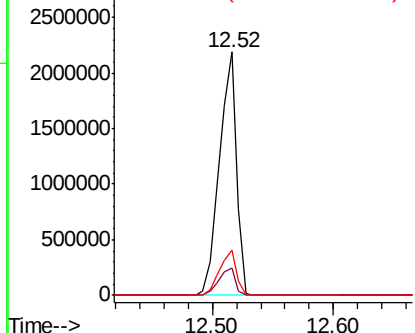
#75
Fluoranthene
Concen: 59.713 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2116371
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.3
203 18.6 0.0 37.6

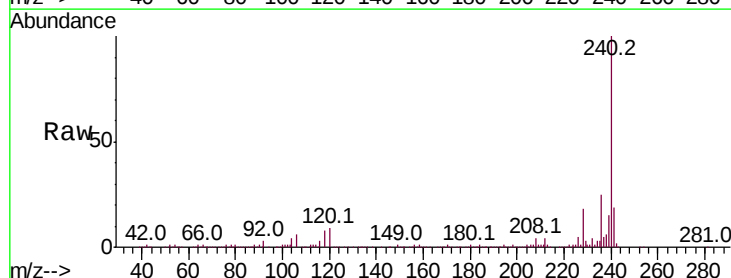


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

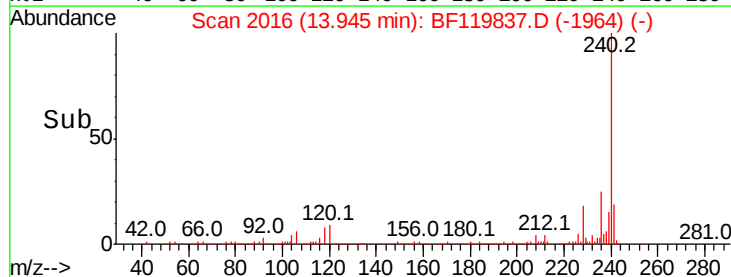
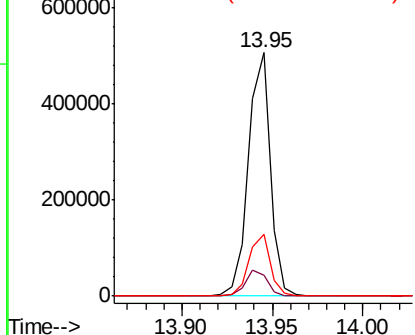


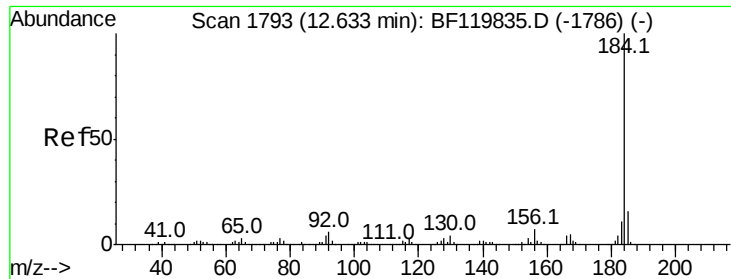
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:240 Resp: 426261
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.6#
236 25.3 20.7 31.1



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





#77

Benzidine

Concen: 36.498 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

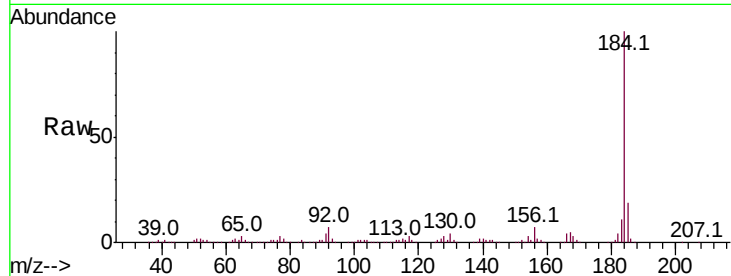
Tot Ion:184 Resp: 658412

Ion Ratio Lower Upper

184 100

185 18.8 13.2 19.8

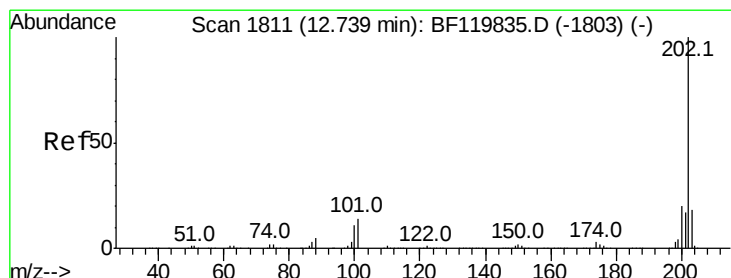
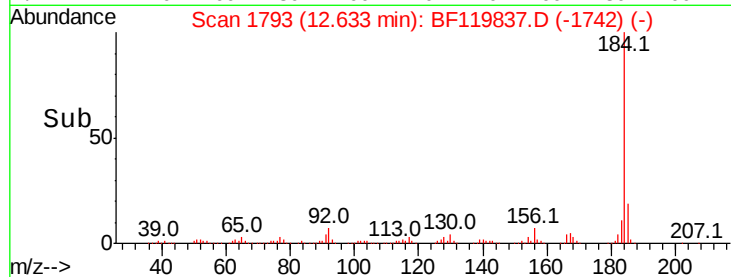
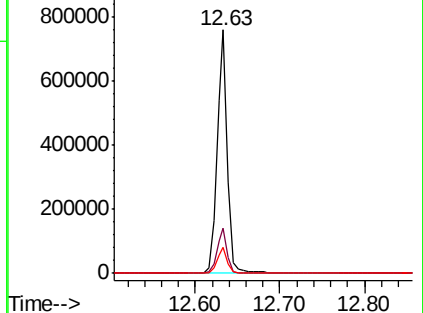
183 10.9 9.1 13.7



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: 60.057 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

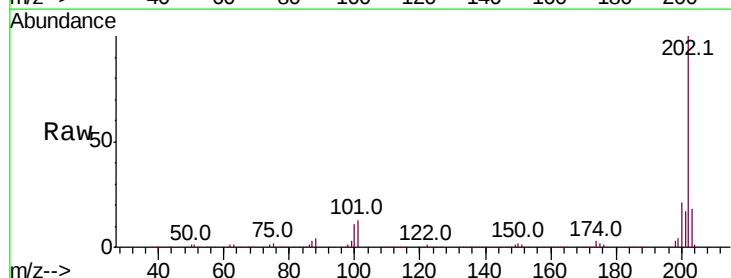
Tgt Ion:202 Resp: 2100975

Ion Ratio Lower Upper

202 100

200 21.0 16.2 24.2

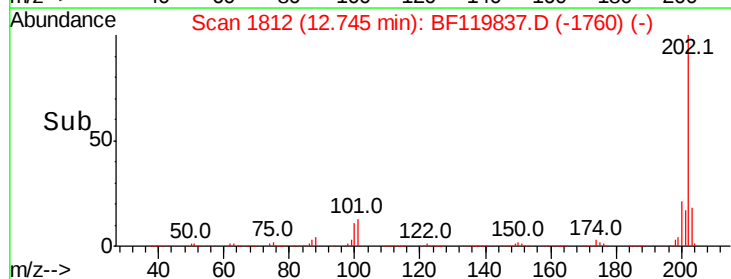
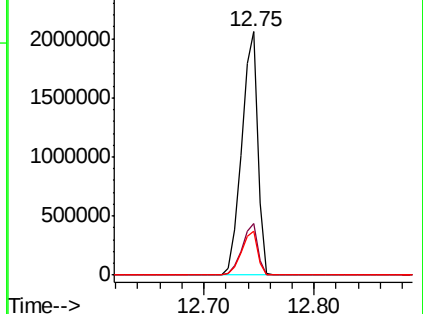
203 18.1 14.1 21.1

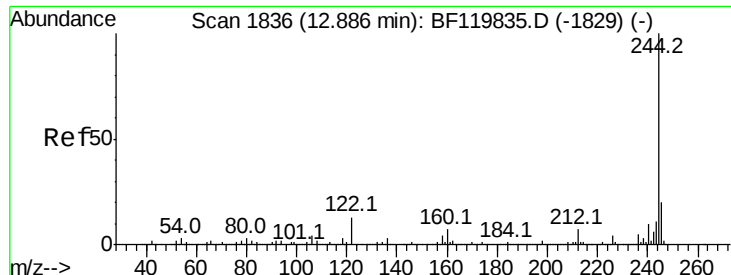


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 132.375 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

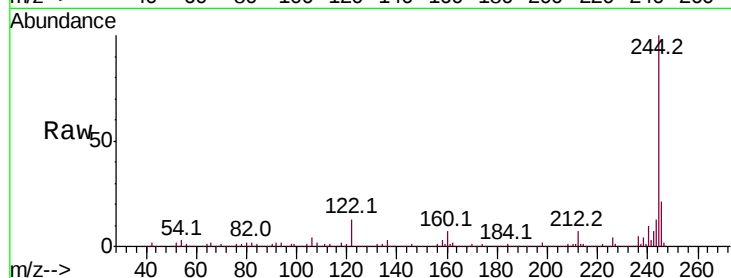
Tot Ion:244 Resp: 2880057

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

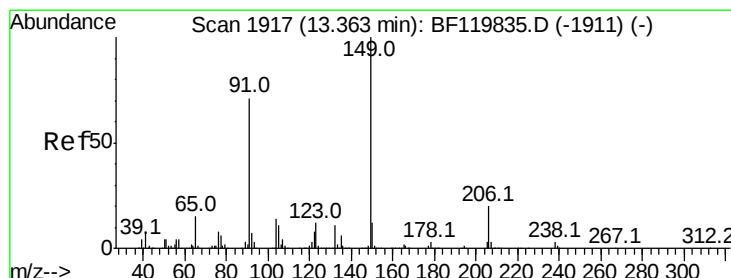
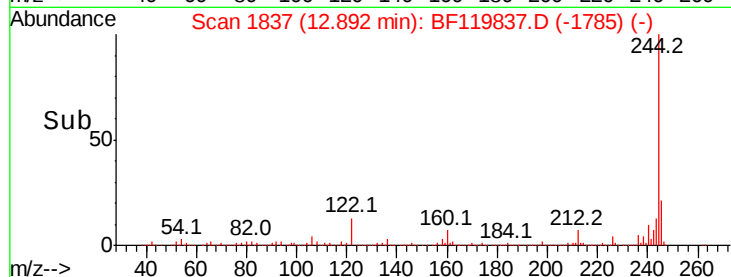
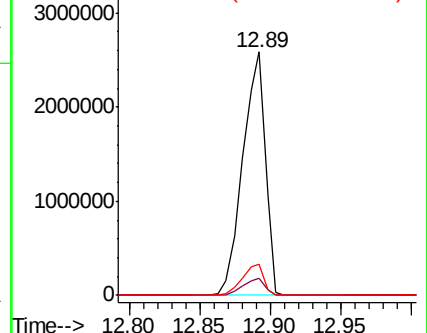
122 12.7 10.3 15.5



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: 74.471 ng

RT: 13.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

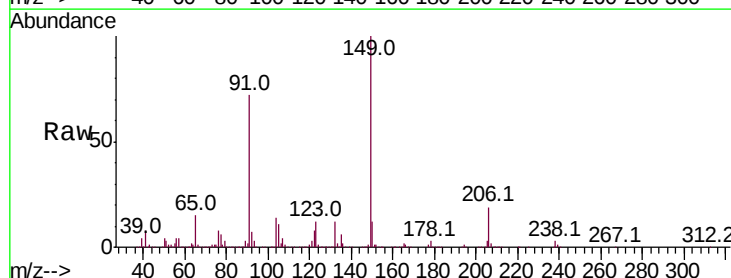
Tgt Ion:149 Resp: 1053693

Ion Ratio Lower Upper

149 100

91 71.9 56.7 85.1

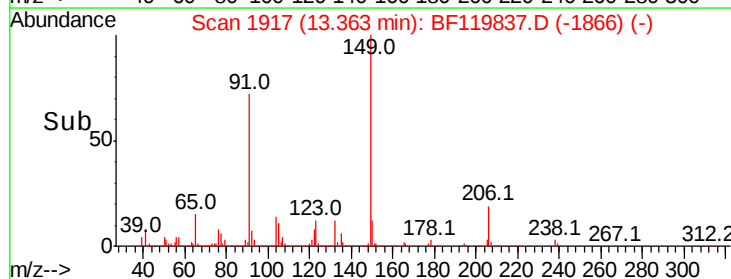
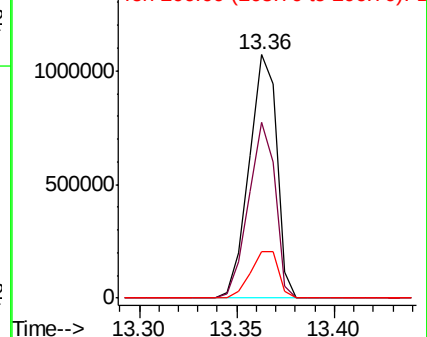
206 19.2 15.7 23.5

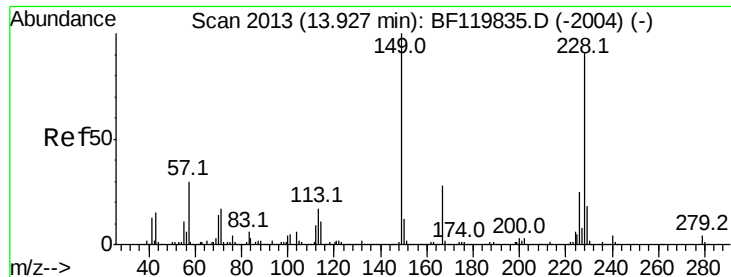


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.610 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

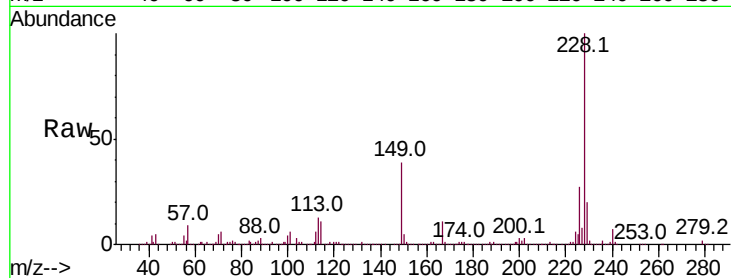
Tot Ion:228 Resp: 1652335

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

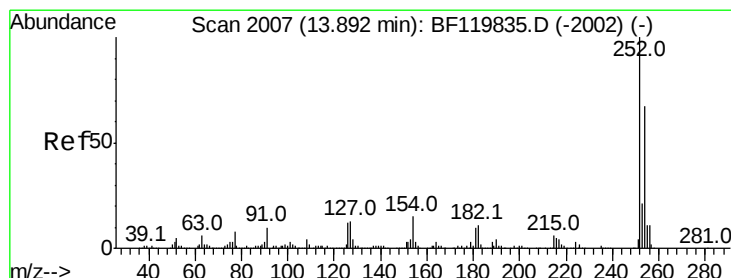
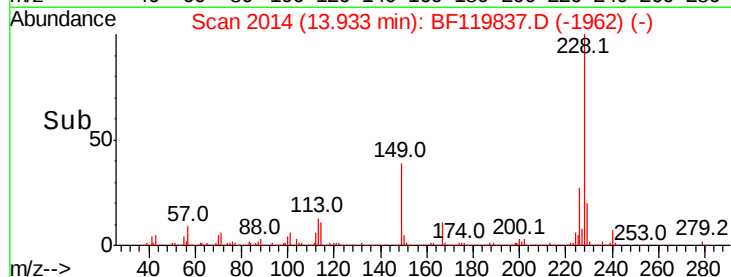
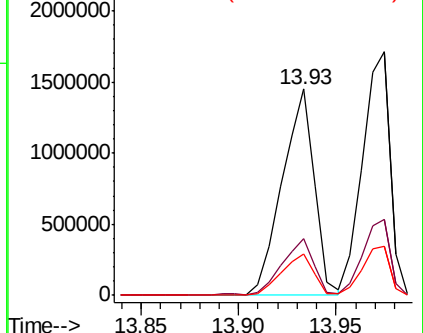
229 19.9 15.9 23.9



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: 54.794 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

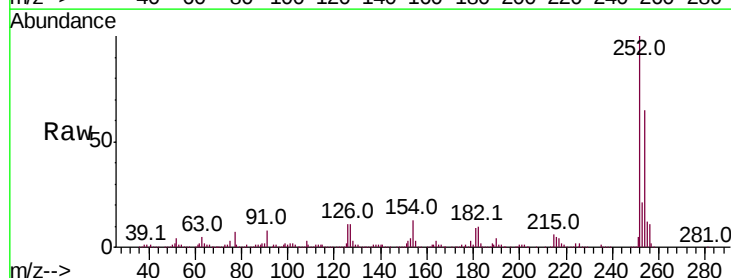
Tgt Ion:252 Resp: 598859

Ion Ratio Lower Upper

252 100

254 65.3 53.9 80.9

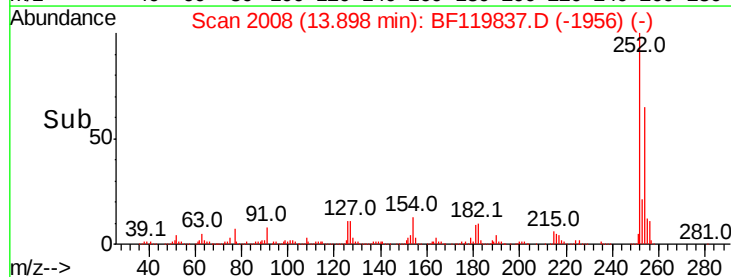
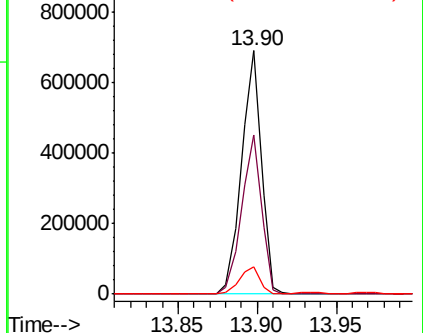
126 11.0 9.7 14.5

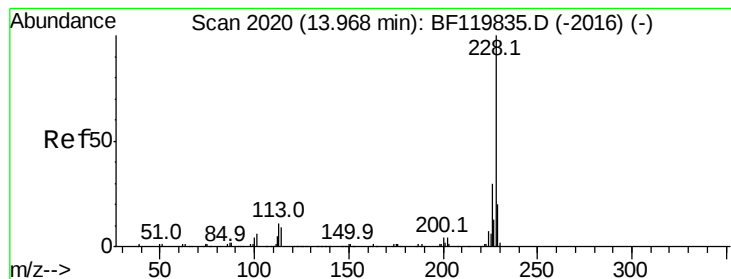


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 58.523 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

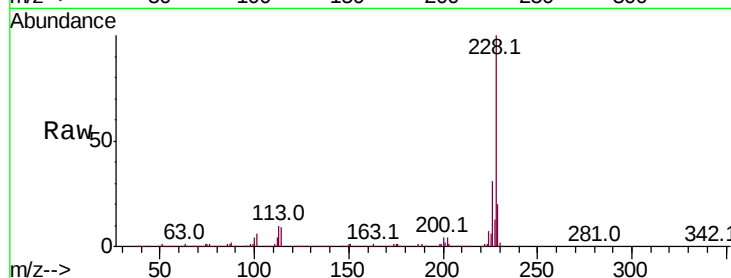
Tot Ion:228 Resp: 1674172

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

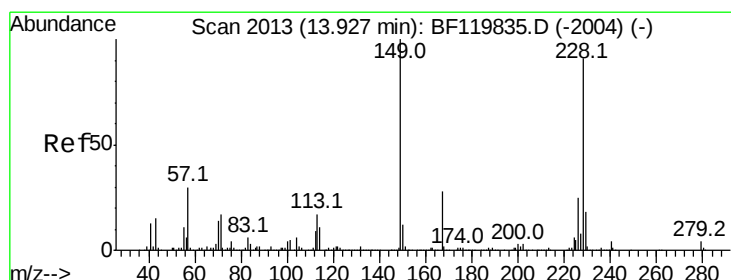
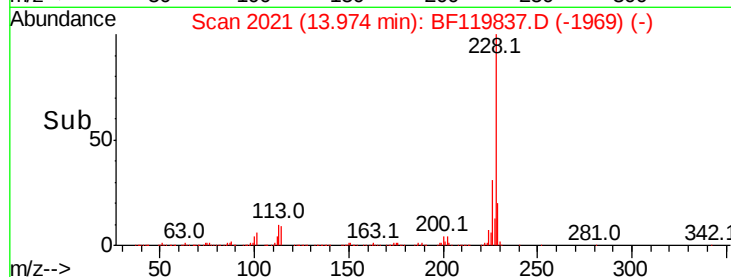
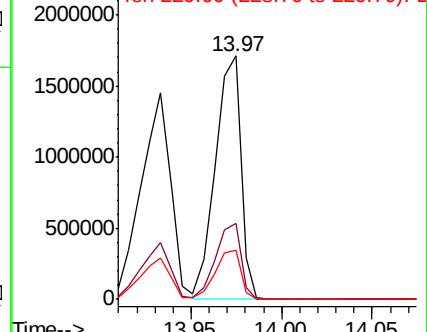
229 20.0 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.617 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

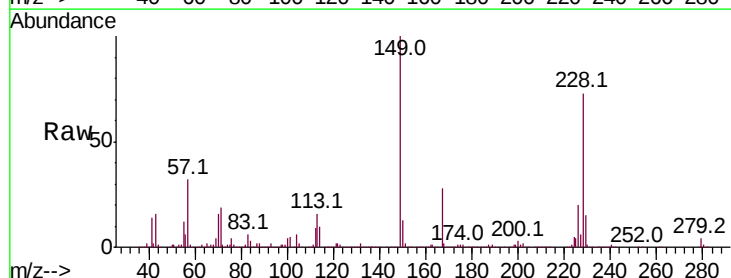
Tgt Ion:149 Resp: 1410353

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

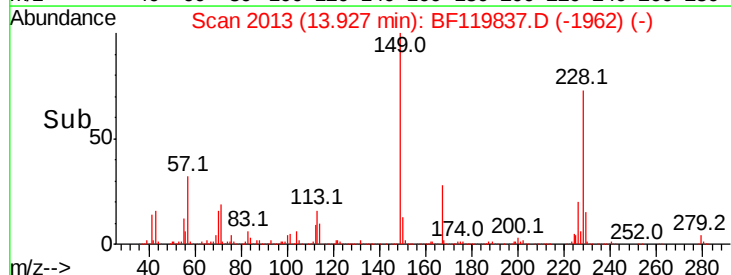
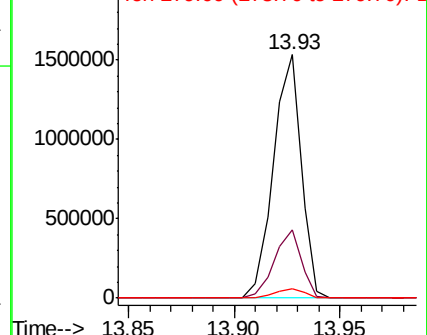
279 3.9 3.4 5.0

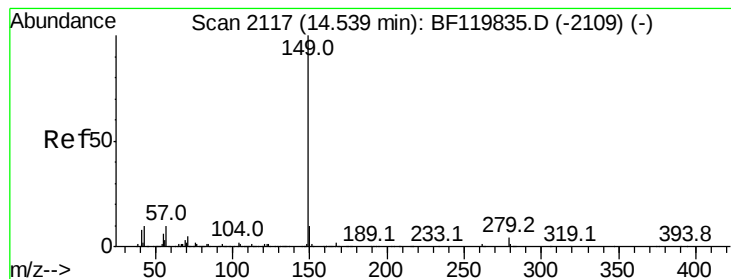


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 72.620 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

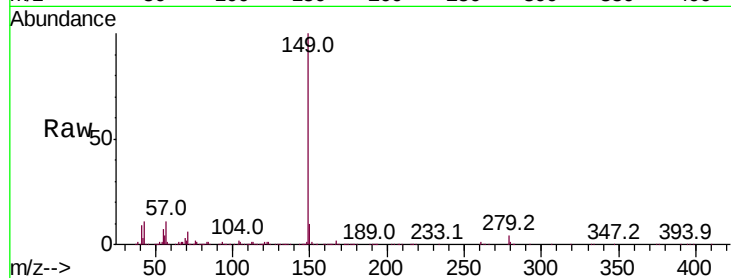
Tot Ion:149 Resp: 2154175

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

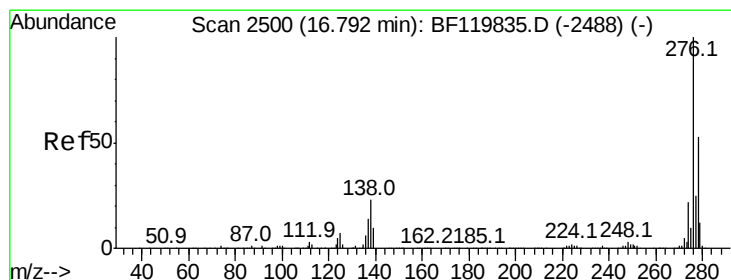
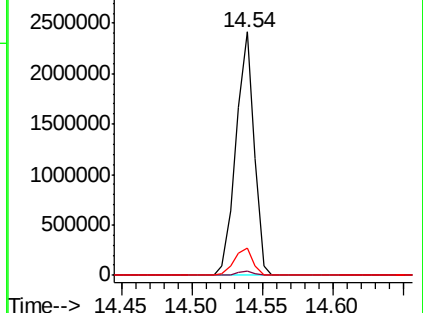
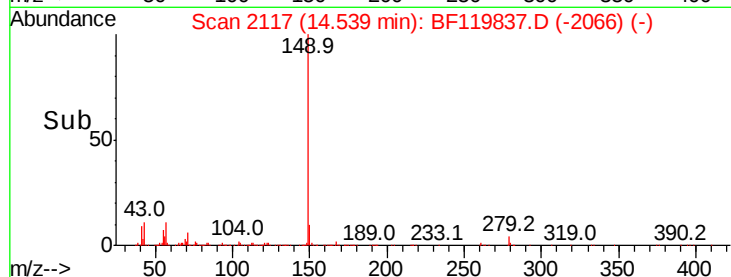
43 11.6 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.760 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

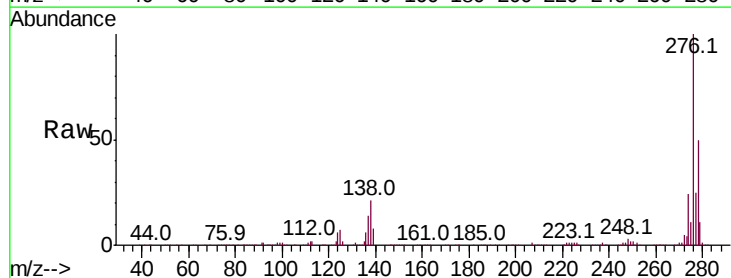
Tgt Ion:276 Resp: 1313702

Ion Ratio Lower Upper

276 100

138 22.3 18.0 27.0

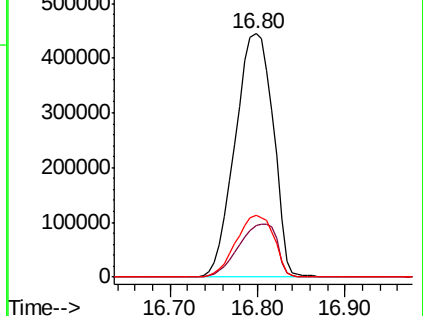
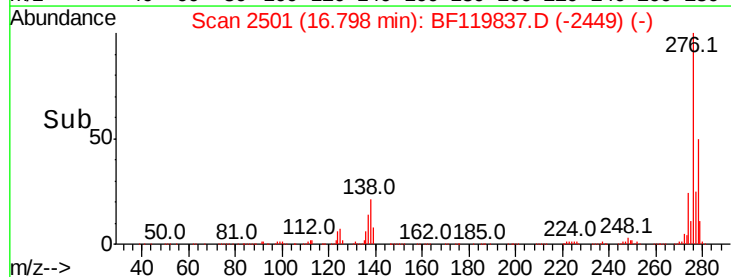
277 25.4 20.1 30.1

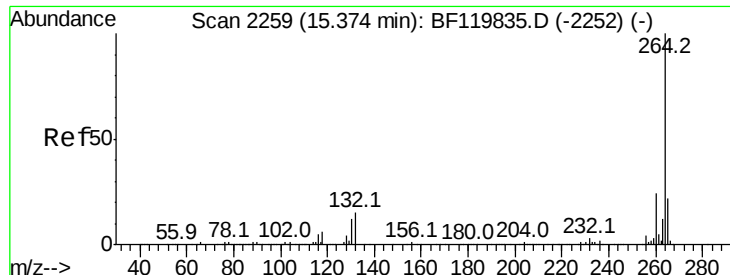


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

Instrument :

BNA_F

ClientSampleId :

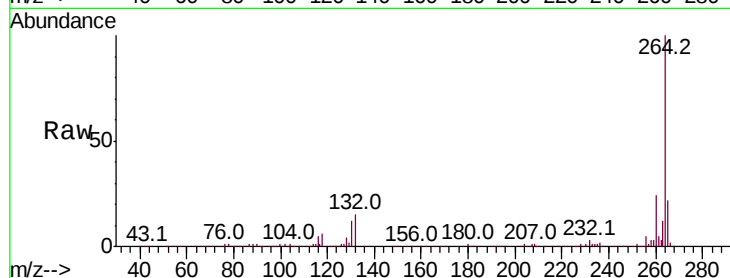
Tot Ion:264 Resp: 374931

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

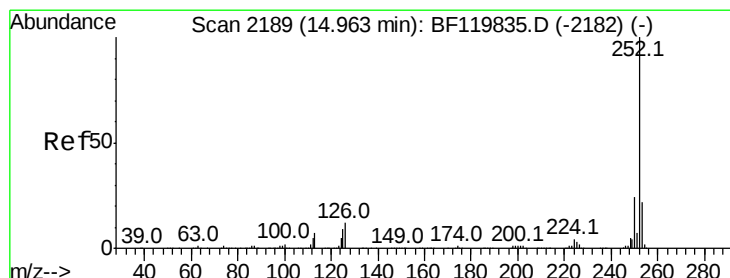
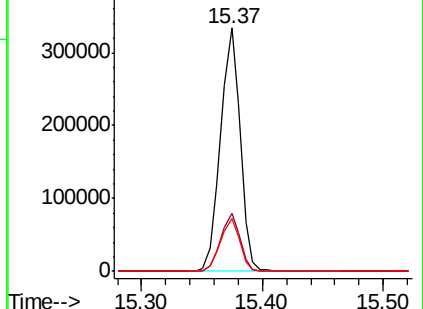
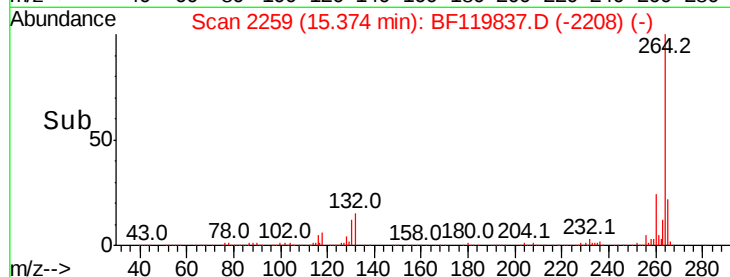
265 21.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 56.612 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF119837.D

Acq: 8 Apr 2020 21:02

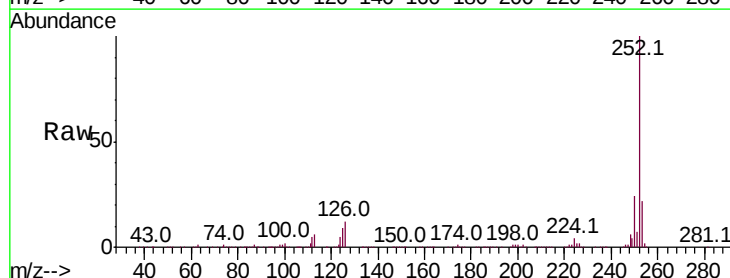
Tgt Ion:252 Resp: 1417867

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

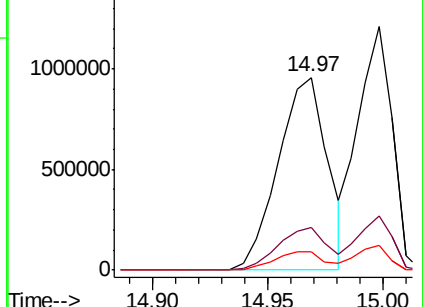
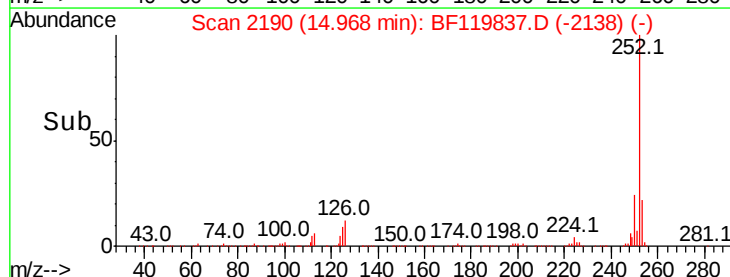
125 9.4 7.4 11.2

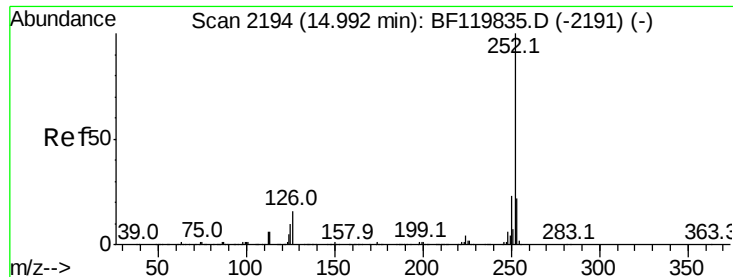


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

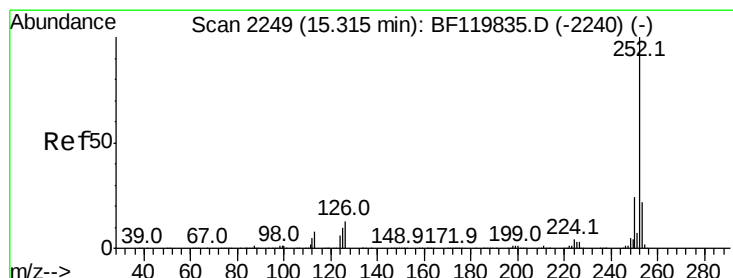
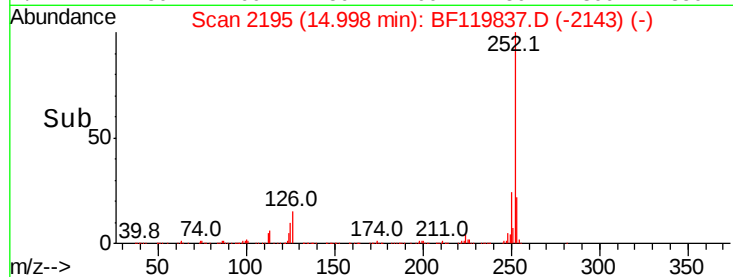
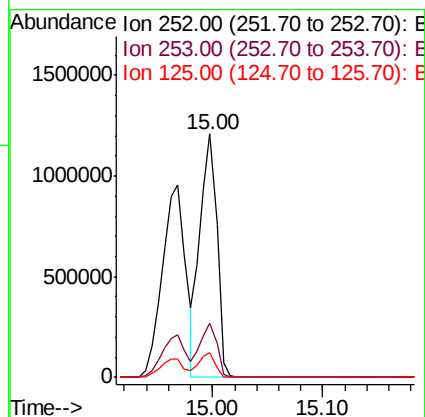
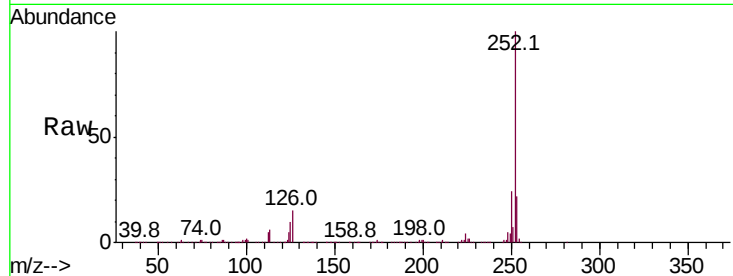




#89
Benzo(k)fluoranthene
Concen: 52.761 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

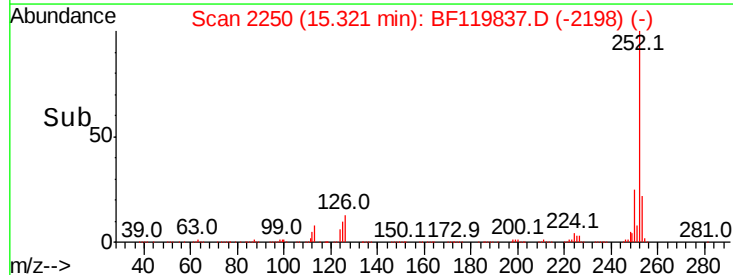
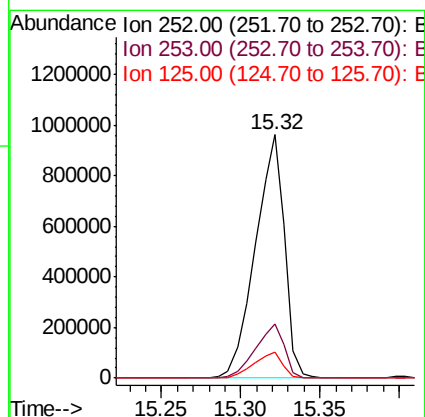
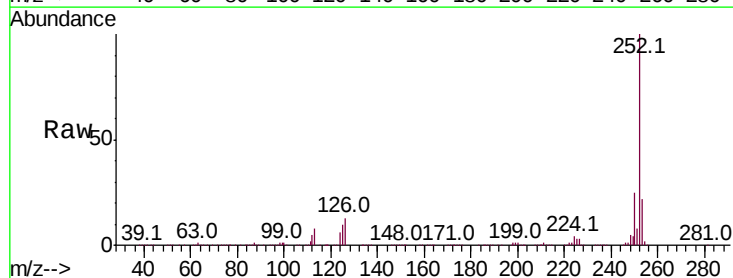
Instrument :
BNA_F
ClientSampleId :

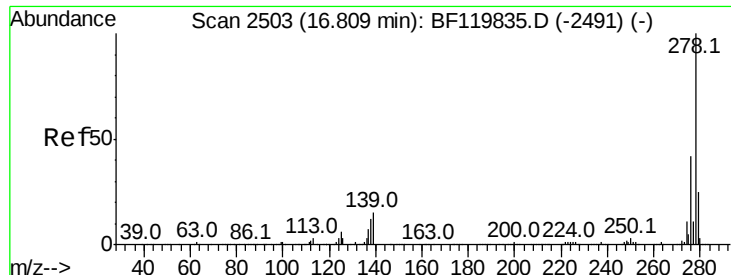
Tot Ion:252 Resp: 1258268
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 54.086 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119837.D
Acq: 8 Apr 2020 21:02

Tgt Ion:252 Resp: 1231040
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.4 8.3 12.5



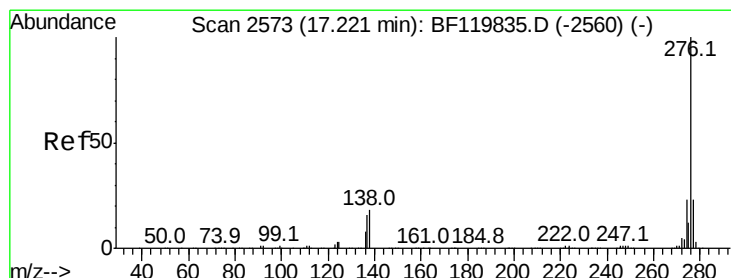
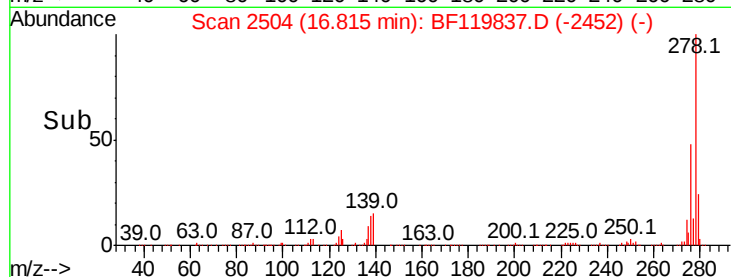
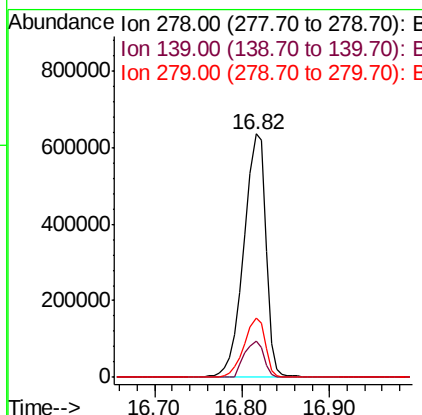
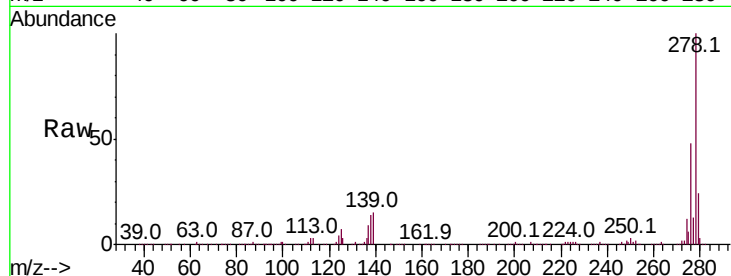


#91
 Dibenzo(a,h)anthracene
 Concen: 54.260 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 1080218

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.6	17.4
279	24.2	19.7	29.5



#92
 Benzo(g,h,i)perylene
 Concen: 68.215 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BF119837.D
 Acq: 8 Apr 2020 21:02

Tgt Ion:276 Resp: 1364318

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	19.4	14.6	22.0

