

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119716.D
 Acq On : 3 Apr 2020 13:53
 Operator : MA/SJ
 Sample : PB127964BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Quant Time: Apr 03 14:24:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222645	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	863369	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	445902	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	854107	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	645738	20.00	ng	-0.02
87) Perylene-d12	15.43	264	644690	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1546490	110.57	ng	0.01
7) Phenol-d6	6.44	99	1996331	111.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	1208681	76.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	583110	126.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2248851	74.72	ng	-0.01
79) Terphenyl-d14	12.93	244	2627231	79.71	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	211386	30.602	ng	97
3) Pyridine	3.36	79	591620	31.089	ng	94
4) n-Nitrosodimethylamine	3.31	42	312386	33.662	ng	92
6) Aniline	6.46	93	694431	28.162	ng	99
8) 2-Chlorophenol	6.59	128	635988	43.296	ng	100
9) Benzaldehyde	6.35	77	332155	29.307	ng	99
10) Phenol	6.45	94	809001	42.437	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	596535	39.125	ng	99
12) 1,3-Dichlorobenzene	6.75	146	628042	39.504	ng	97
13) 1,4-Dichlorobenzene	6.82	146	639481	40.213	ng	99
14) 1,2-Dichlorobenzene	6.97	146	593535	39.931	ng	99
15) Benzyl Alcohol	6.95	79	515954	38.391	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1032509	33.573	ng	98
17) 2-Methylphenol	7.06	107	513210	38.132	ng	98
18) Hexachloroethane	7.32	117	238899	40.994	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	416014	38.631	ng	98
20) 3+4-Methylphenols	7.22	107	622510	37.741	ng	# 78
22) Acetophenone	7.22	105	806258	39.082	ng	# 92
24) Nitrobenzene	7.39	77	649272	38.244	ng	99
25) Isophorone	7.63	82	1168761	36.269	ng	99
26) 2-Nitrophenol	7.70	139	334826	50.089	ng	93
27) 2,4-Dimethylphenol	7.75	122	540100	39.075	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	735784	38.612	ng	99
29) 2,4-Dichlorophenol	7.95	162	515228	40.569	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	548211	39.032	ng	97
31) Naphthalene	8.12	128	1769825	39.834	ng	98
32) Benzoic acid	7.87	122	435211	48.949	ng	92
33) 4-Chloroaniline	8.16	127	395072	19.406	ng	99
34) Hexachlorobutadiene	8.23	225	309875	39.432	ng	99
35) Caprolactam	8.53	113	93499	22.495	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	557391	40.156	ng	98
37) 2-Methylnaphthalene	8.80	142	1194240	40.956	ng	98
38) 1-Methylnaphthalene	8.90	142	1122451	40.669	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	510019	39.023	ng	99

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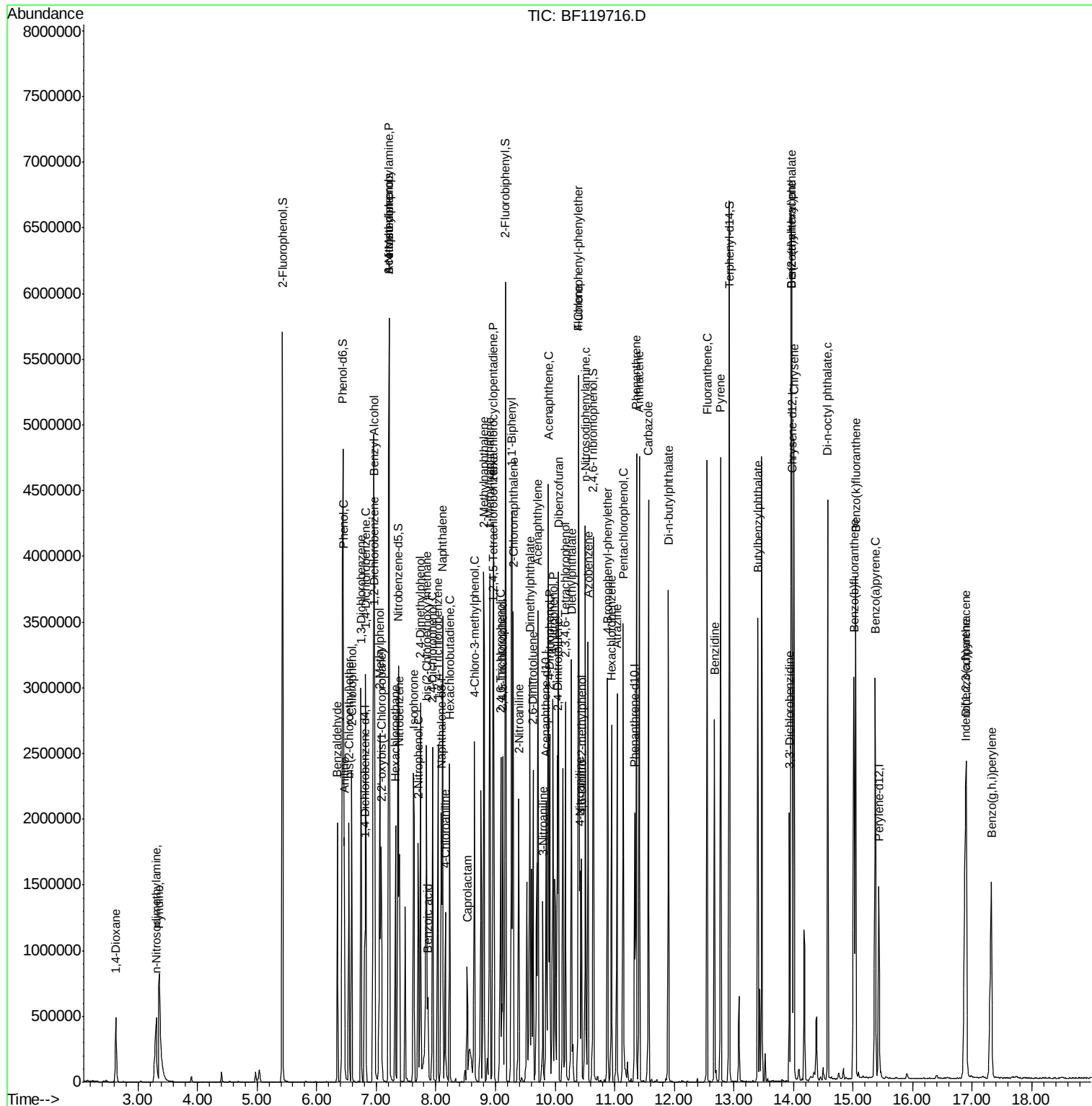
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	625685	84.207	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	378646	40.484	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	413586	39.474	ng	99
46) 1,1'-Biphenyl	9.27	154	1404729	38.680	ng	98
47) 2-Chloronaphthalene	9.30	162	1096211	38.535	ng	98
48) 2-Nitroaniline	9.39	65	399746	40.712	ng	93
49) Acenaphthylene	9.71	152	1746535	39.097	ng	99
50) Dimethylphthalate	9.57	163	1274943	40.254	ng	99
51) 2,6-Dinitrotoluene	9.63	165	294950	43.446	ng	96
52) Acenaphthene	9.89	154	1230853	44.197	ng	99
53) 3-Nitroaniline	9.80	138	205634	23.992	ng	99
54) 2,4-Dinitrophenol	9.91	184	350801	115.836	ng	95
55) Dibenzofuran	10.06	168	1566124	39.223	ng	99
56) 4-Nitrophenol	9.97	139	540850	79.993	ng	93
57) 2,4-Dinitrotoluene	10.04	165	400578	46.840	ng	92
58) Fluorene	10.40	166	1212348	41.059	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	339516	43.351	ng	98
60) Diethylphthalate	10.27	149	1310577	40.770	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	571037	39.548	ng	98
62) 4-Nitroaniline	10.42	138	327894	39.896	ng	93
63) Azobenzene	10.55	77	1255645	38.789	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	227138	63.420	ng	90
66) n-Nitrosodiphenylamine	10.51	169	1127331	40.206	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	379977	39.063	ng	98
68) Hexachlorobenzene	10.95	284	418430	42.030	ng	# 89
69) Atrazine	11.04	200	344724	44.846	ng	99
70) Pentachlorophenol	11.15	266	482387	82.636	ng	96
71) Phenanthrene	11.36	178	1778702	40.162	ng	100
72) Anthracene	11.42	178	1849287	41.085	ng	99
73) Carbazole	11.57	167	1720504	38.617	ng	99
74) Di-n-butylphthalate	11.90	149	2051298	43.041	ng	99
75) Fluoranthene	12.55	202	1983492	41.383	ng	100
77) Benzidine	12.67	184	1053045	38.534	ng	99
78) Pyrene	12.78	202	2009895	37.926	ng	99
80) Butylbenzylphthalate	13.40	149	878500	40.986	ng	97
81) Benzo(a)anthracene	13.97	228	1616651	38.500	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	415476	25.094	ng	99
83) Chrysene	14.01	228	1666135	38.446	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1115609	43.662	ng	99
85) Di-n-octyl phthalate	14.57	149	2030025	45.175	ng	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	1622023	39.741	ng	99
88) Benzo(b)fluoranthene	15.02	252	1781703	41.372	ng	99
89) Benzo(k)fluoranthene	15.04	252	1583279	38.610	ng	100
90) Benzo(a)pyrene	15.37	252	1528708	39.060	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1340751	39.167	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1315390	38.249	ng	96

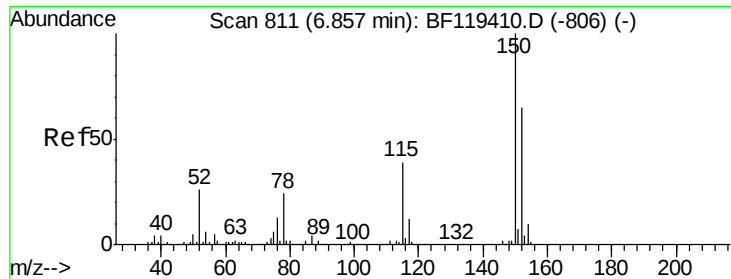
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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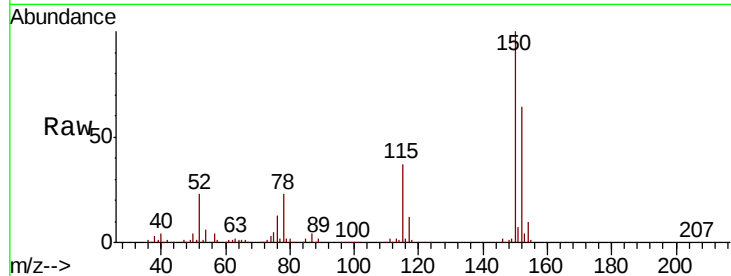


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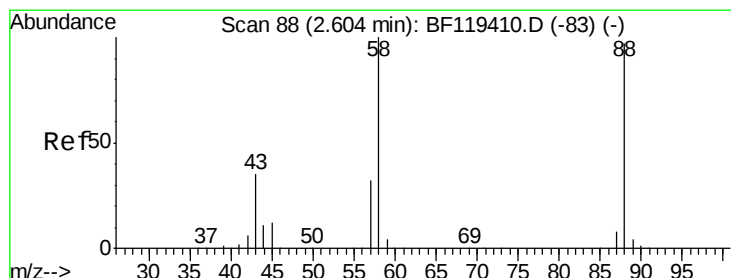
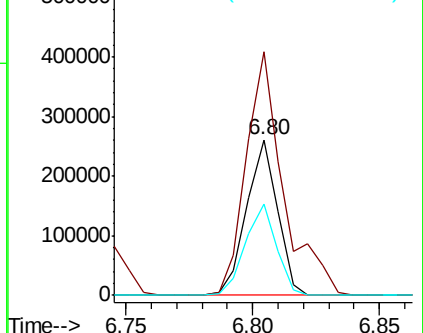
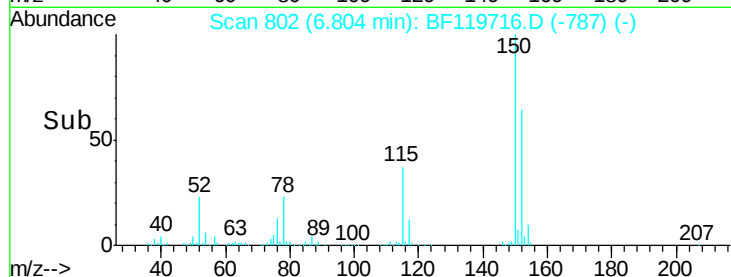
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:152 Resp: 222645
Ion Ratio Lower Upper
152 100
150 156.7 124.5 186.7
115 58.6 49.6 74.4



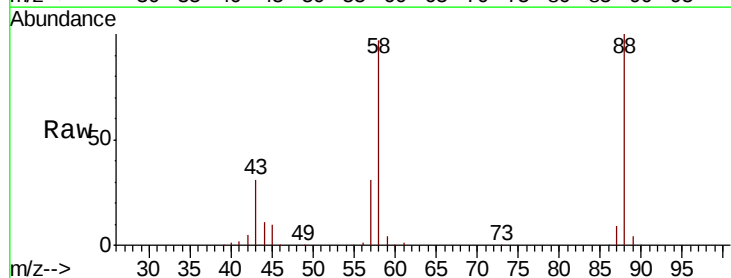
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



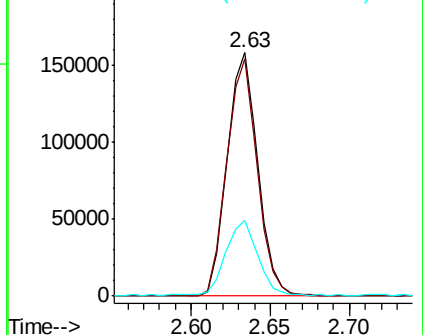
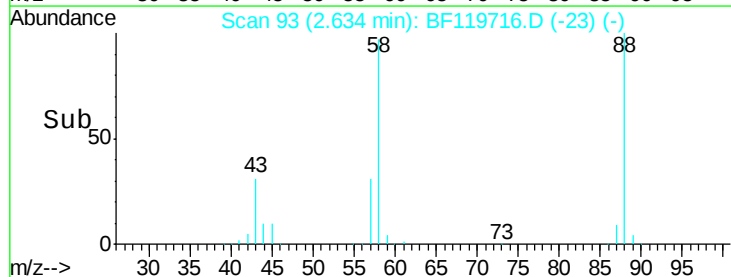
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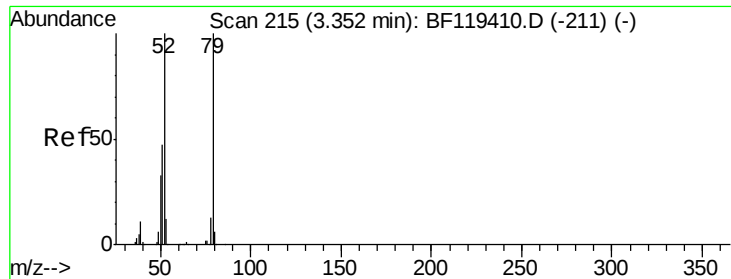
1,4-Dioxane
Concen: 30.602 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.11 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion: 88 Resp: 211386
Ion Ratio Lower Upper
88 100
58 97.3 80.6 121.0
43 33.2 27.5 41.3



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

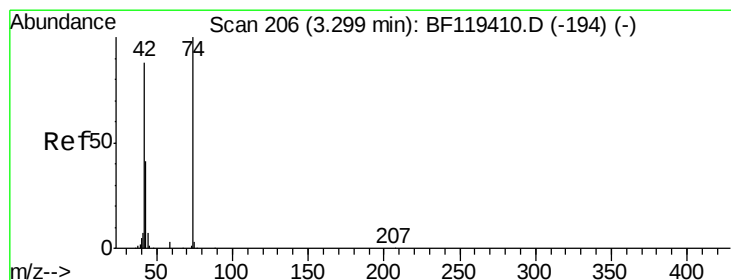
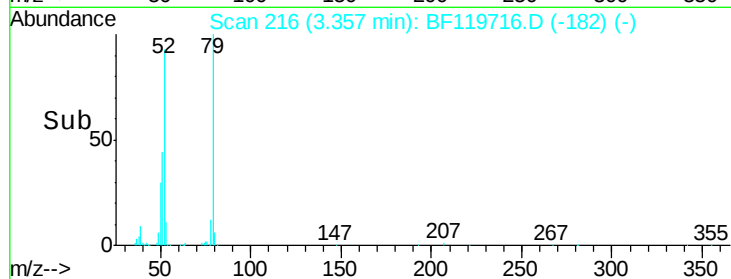
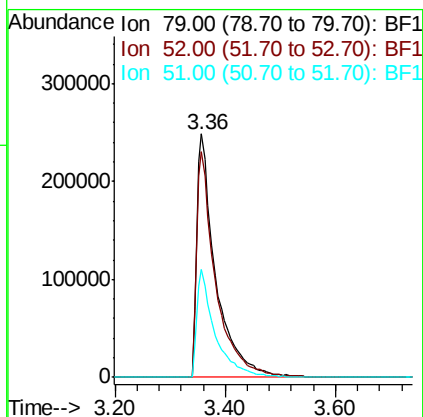
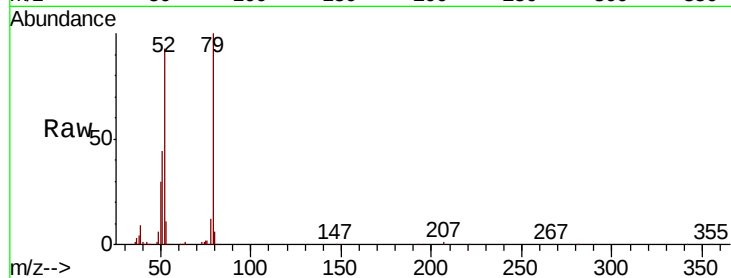




#3
 Pvridine
 Concen: 31.089 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.10 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

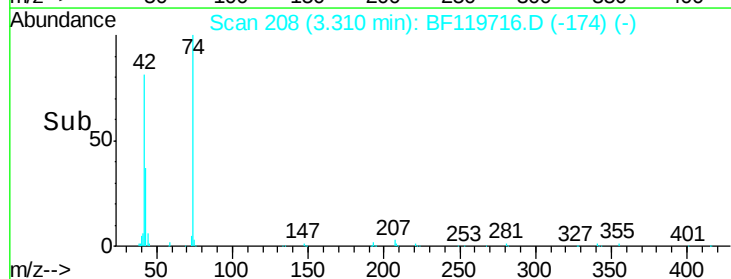
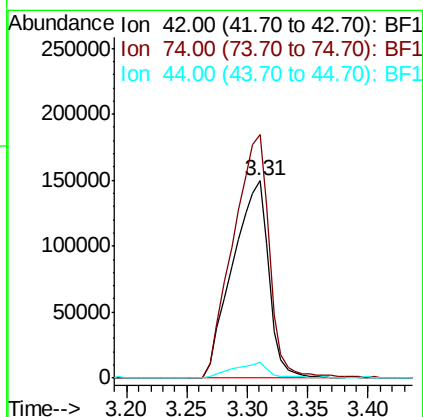
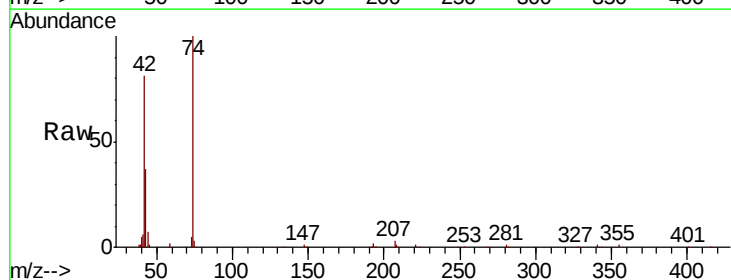
Instrument :
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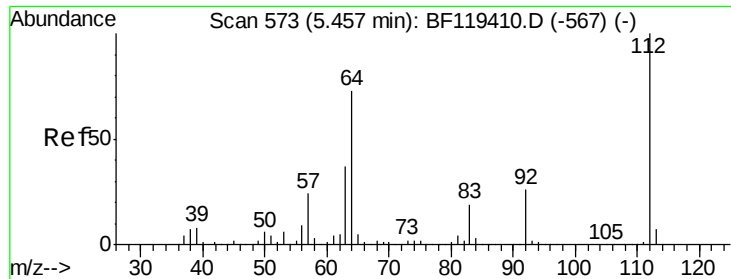
Tot Ion: 79 Resp: 591620
 Ion Ratio Lower Upper
 79 100
 52 92.9 80.2 120.2
 51 44.1 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 33.662 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.10 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion: 42 Resp: 312386
 Ion Ratio Lower Upper
 42 100
 74 123.4 91.5 137.3
 44 8.3 6.2 9.4





#5

2-Fluorophenol

Concen: 110.574 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

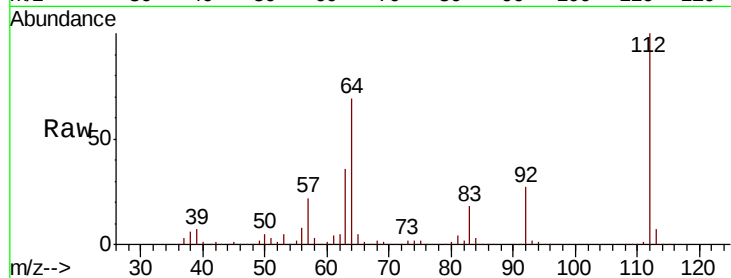
Tot Ion:112 Resp: 1546490

Ion Ratio Lower Upper

112 100

64 68.9 56.7 85.1

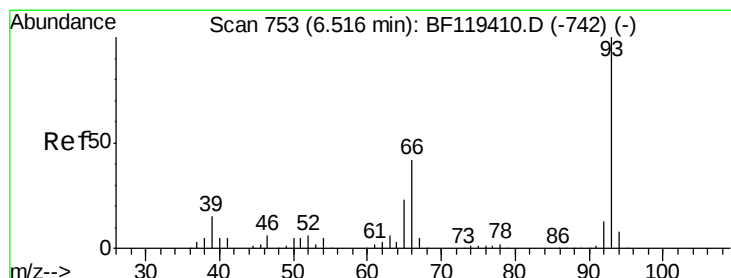
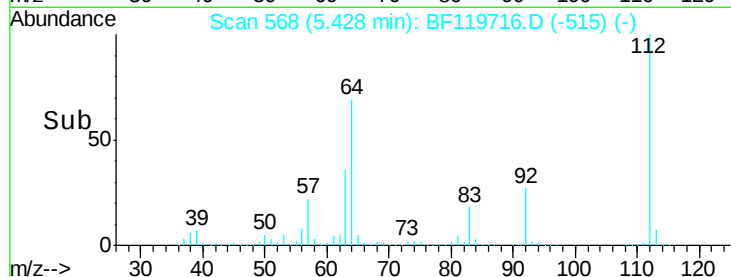
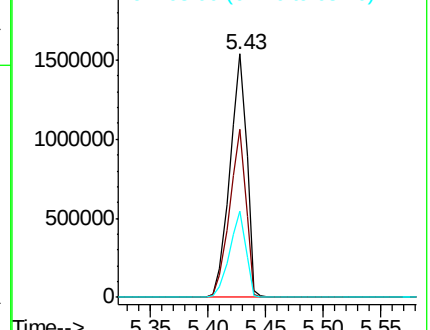
63 35.5 29.5 44.3



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: 28.162 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

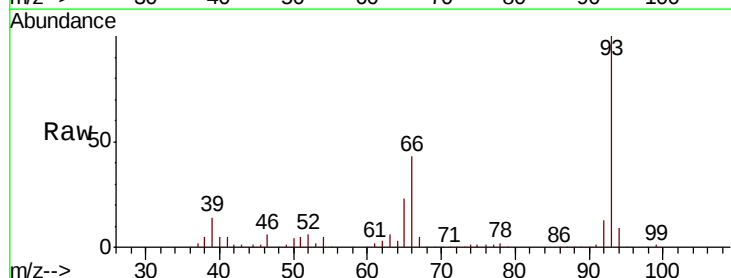
Tgt Ion: 93 Resp: 694431

Ion Ratio Lower Upper

93 100

66 42.7 34.9 52.3

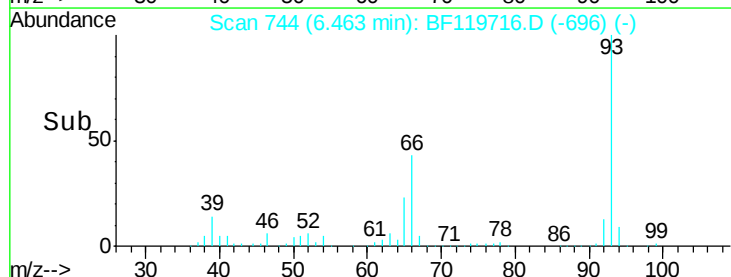
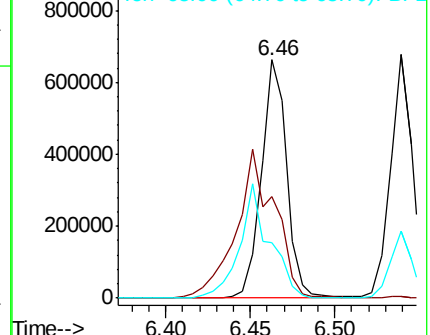
65 23.1 18.6 27.8

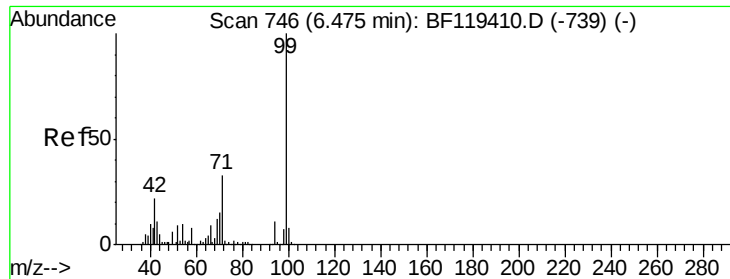


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.738 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

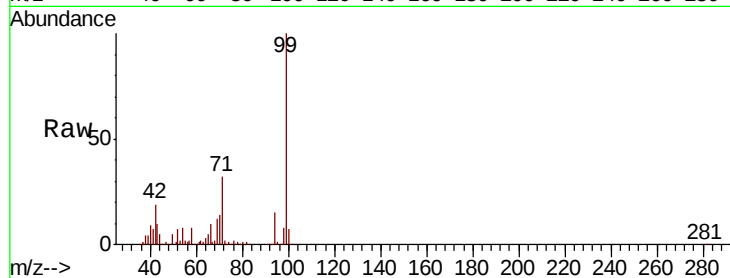
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1996331

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.6	24.8
71	32.2	26.4	39.6

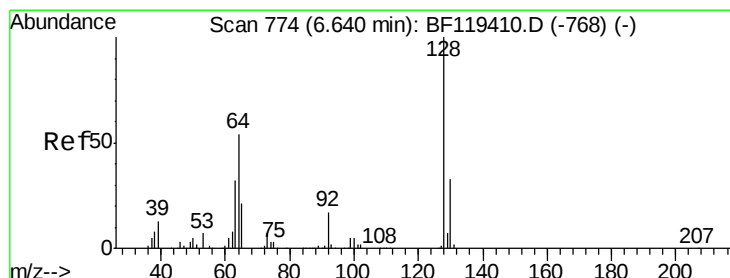
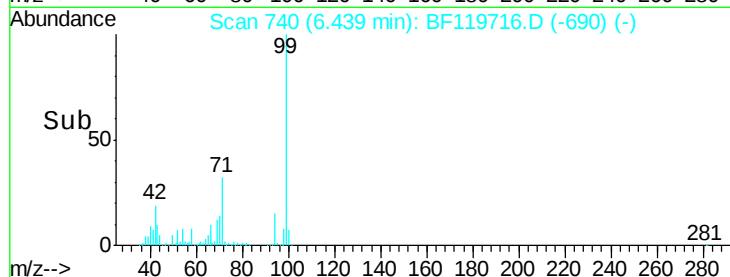


Abundance

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: 43.296 ng

RT: 6.59 min Scan# 765

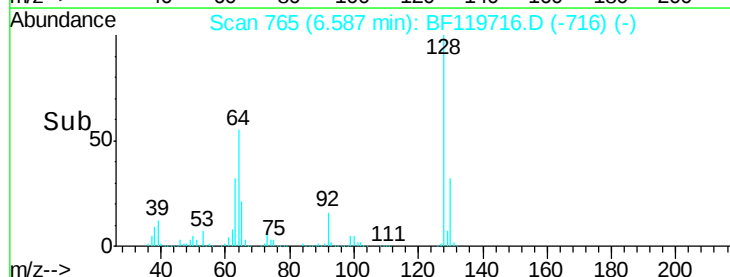
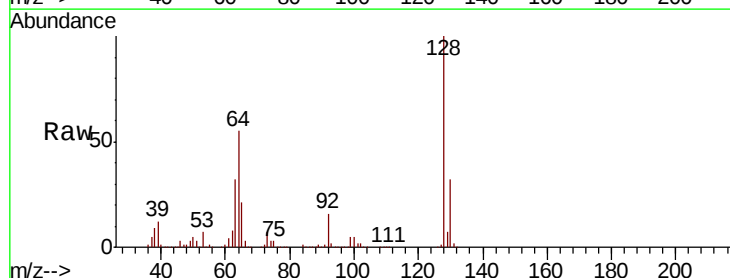
Delta R.T. -0.01 min

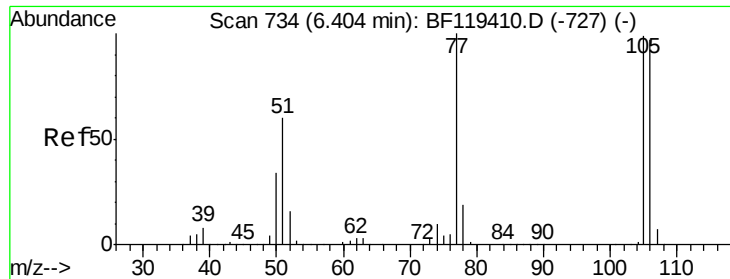
Lab File: BF119716.D

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Tgt Ion:128 Resp: 635988

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	54.9	35.3	75.3





#9

Benzaldehyde

Concen: 29.307 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119716.D

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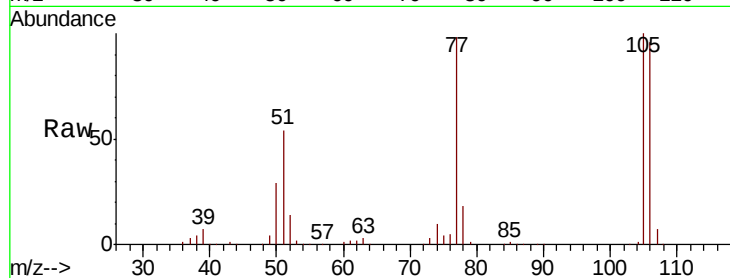
Tot Ion: 77 Resp: 332155

Ion Ratio Lower Upper

77 100

105 102.1 80.9 120.9

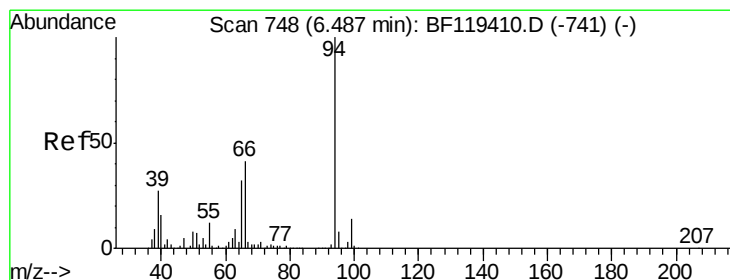
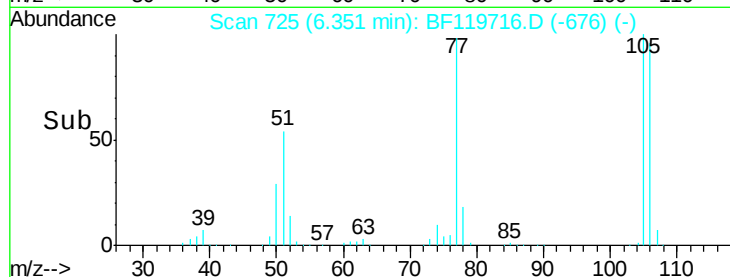
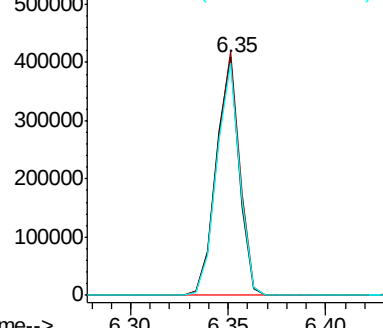
106 97.6 77.9 117.9



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: 42.437 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

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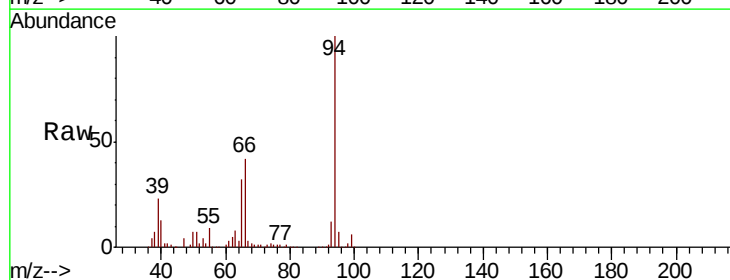
Tgt Ion: 94 Resp: 809001

Ion Ratio Lower Upper

94 100

65 32.1 13.2 53.2

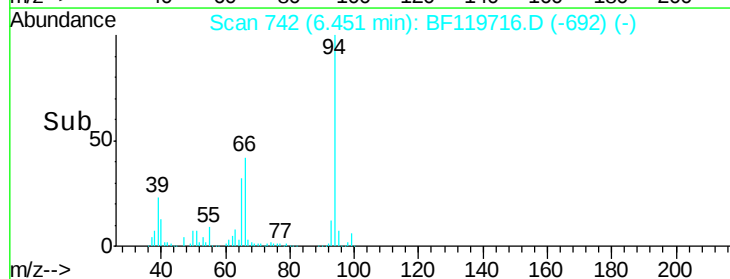
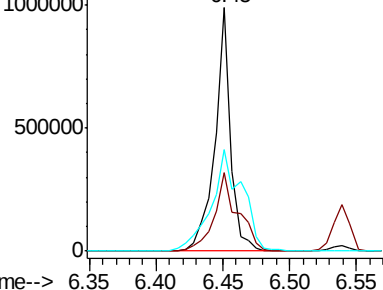
66 41.8 22.3 62.3

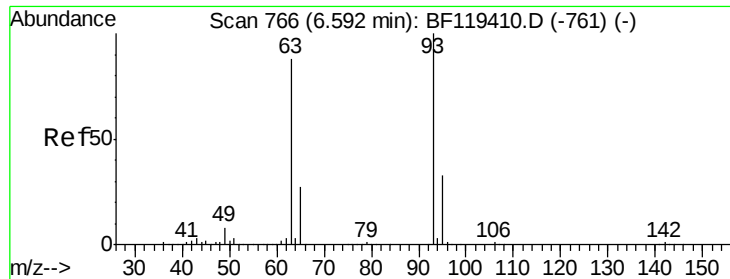


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

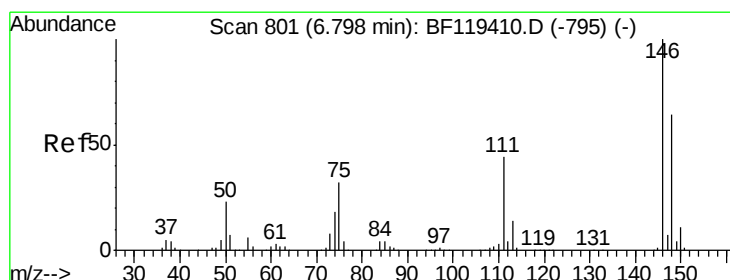
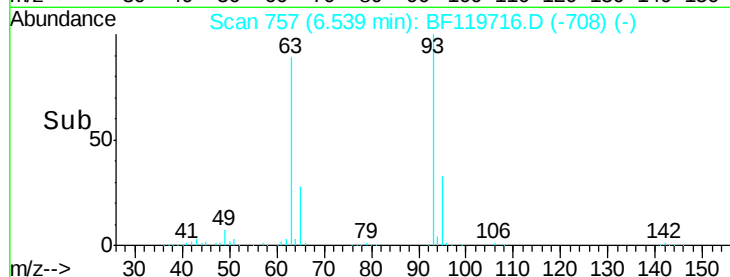
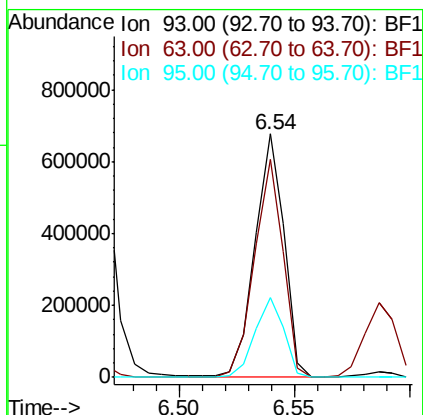
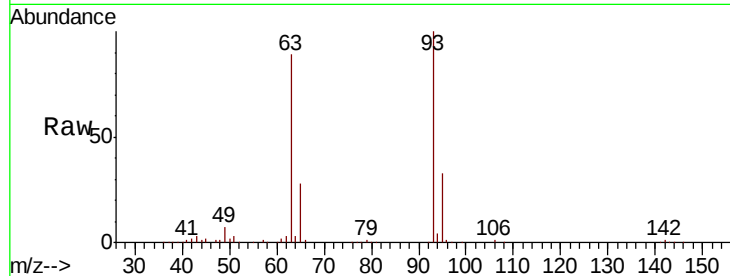




#11
bis(2-Chloroethyl)ether
Concen: 39.125 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

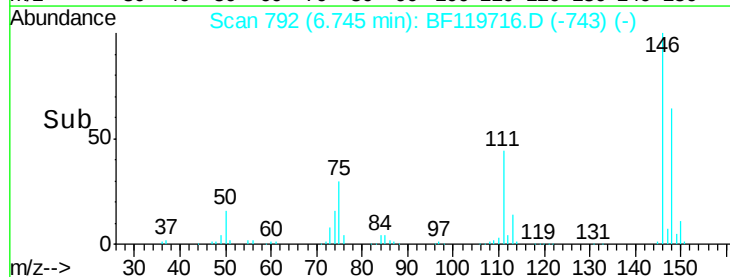
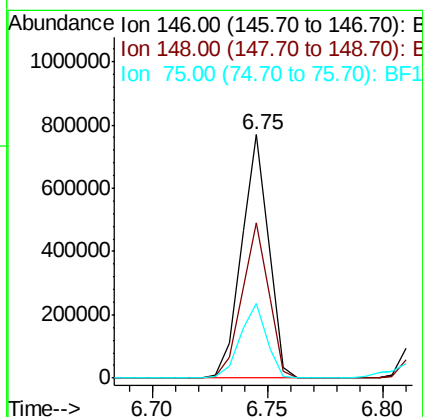
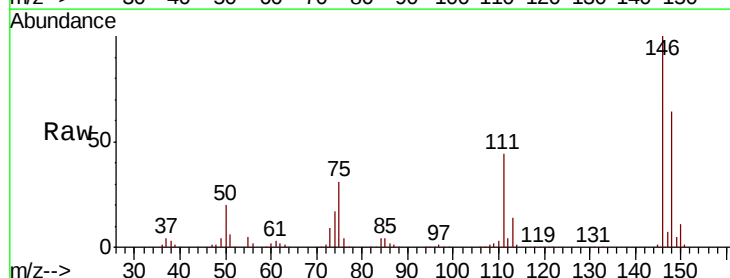
Instrument :
BNA_F
ClientSampleId :
PB127964BS

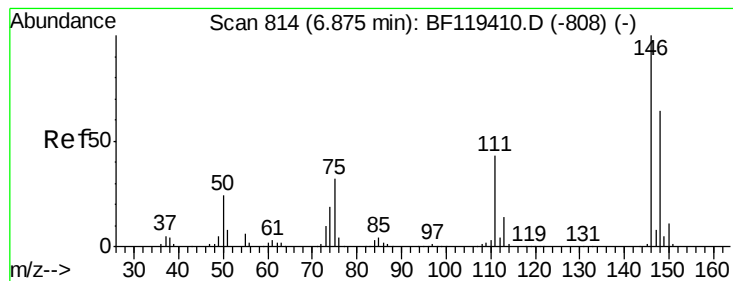
Tot Ion: 93 Resp: 596535
Ion Ratio Lower Upper
93 100
63 89.4 70.2 110.2
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.504 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion: 146 Resp: 628042
Ion Ratio Lower Upper
146 100
148 63.6 52.2 78.4
75 30.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.213 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

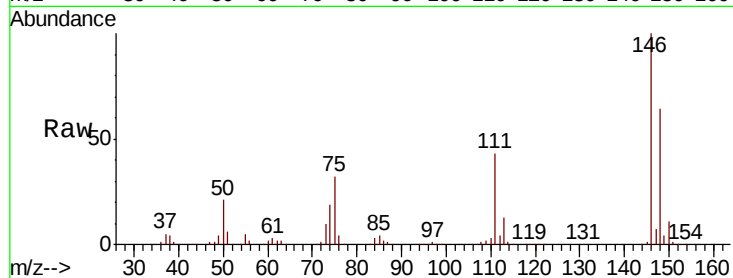
Tot Ion:146 Resp: 639481

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

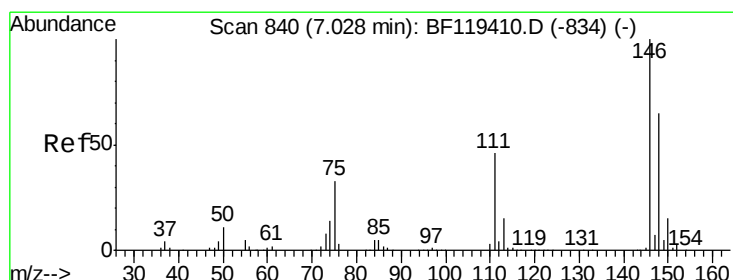
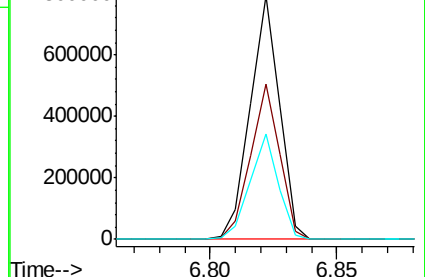
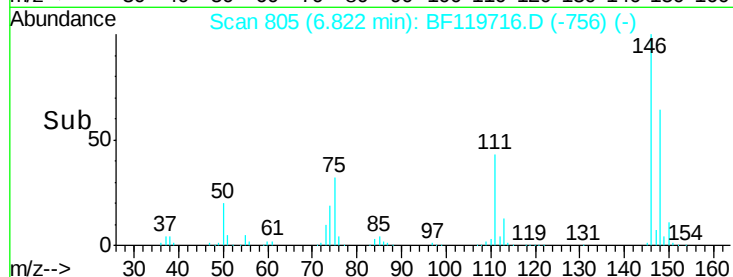
111 43.2 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.931 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

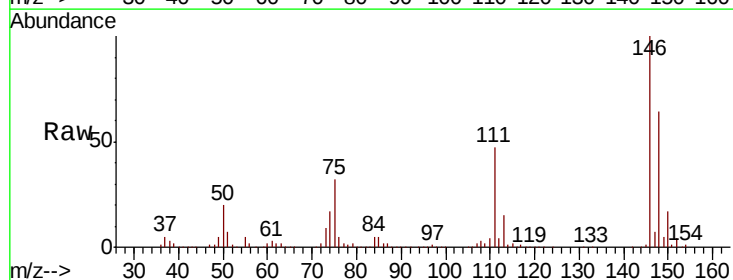
Tgt Ion:146 Resp: 593535

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

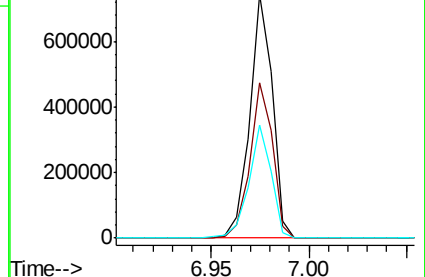
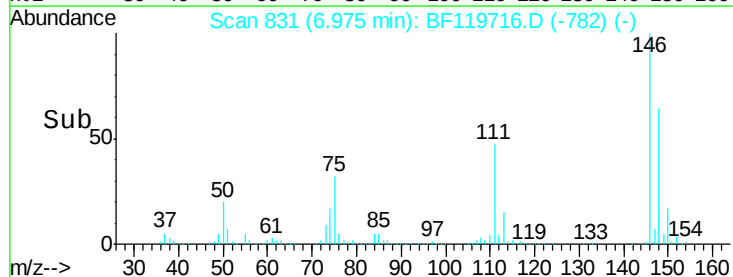
111 46.6 36.1 54.1

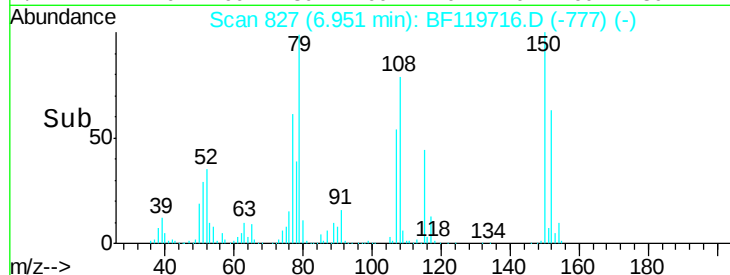
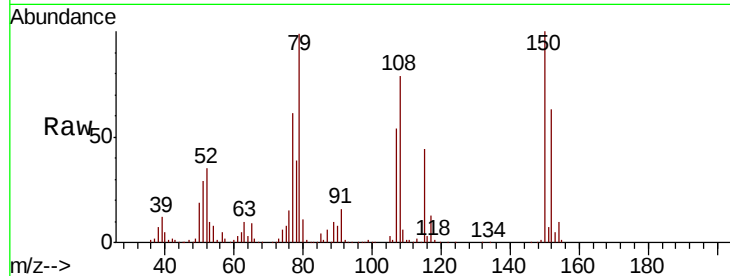


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.391 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

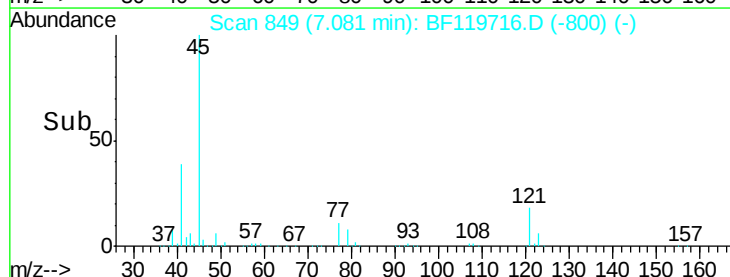
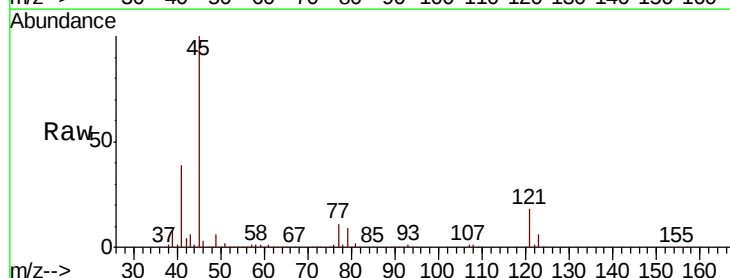
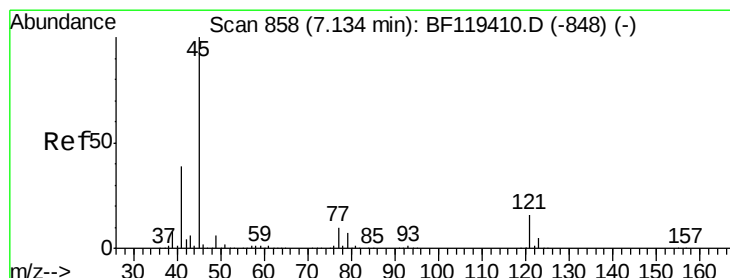
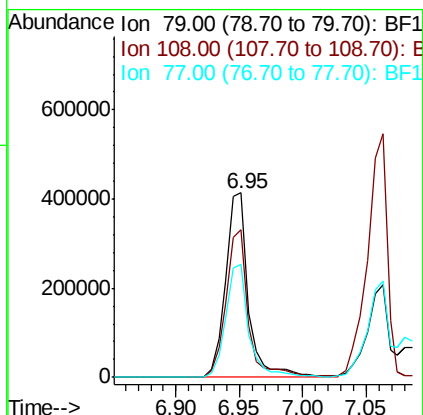
Tot Ion: 79 Resp: 515954

Ion Ratio Lower Upper

79 100

108 80.1 60.6 90.8

77 61.1 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.573 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

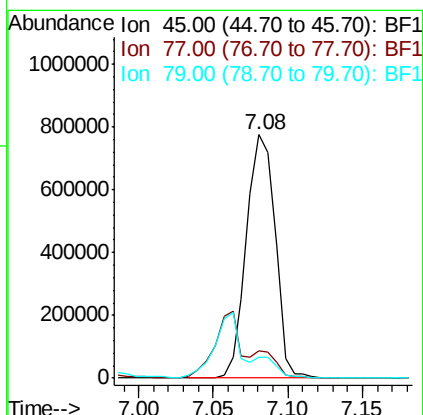
Tgt Ion: 45 Resp: 1032509

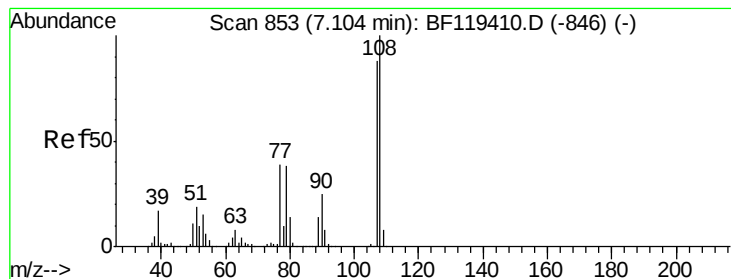
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

79 8.7 0.0 28.2

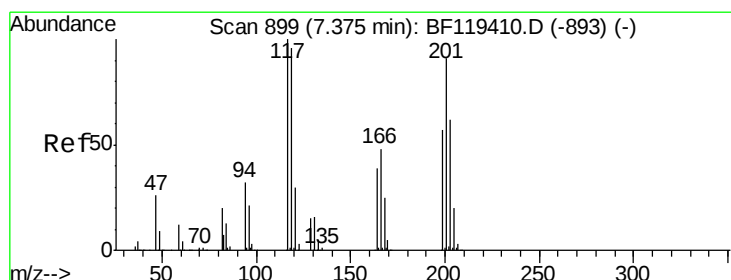
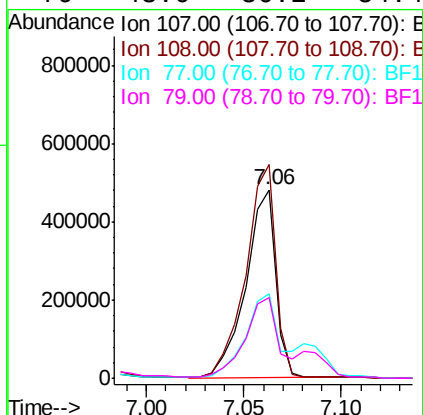
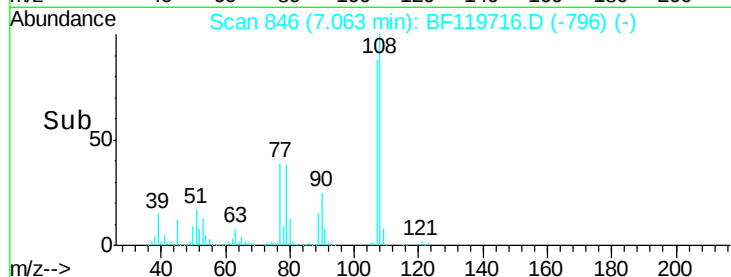
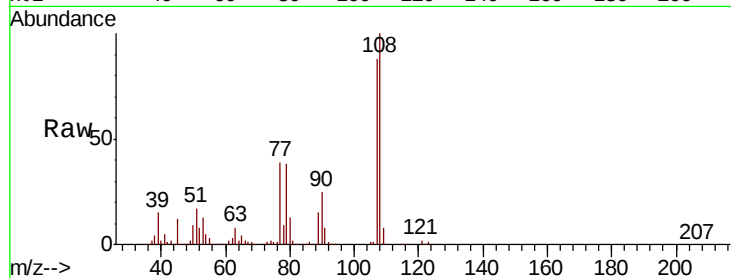




#17
2-Methylphenol
Concen: 38.132 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

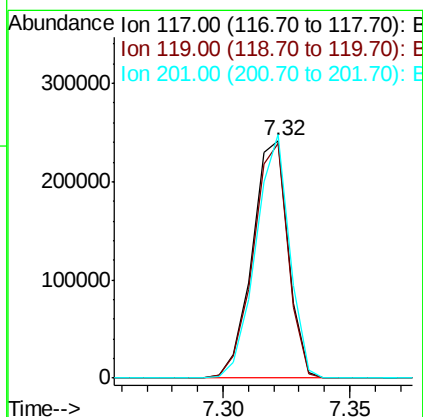
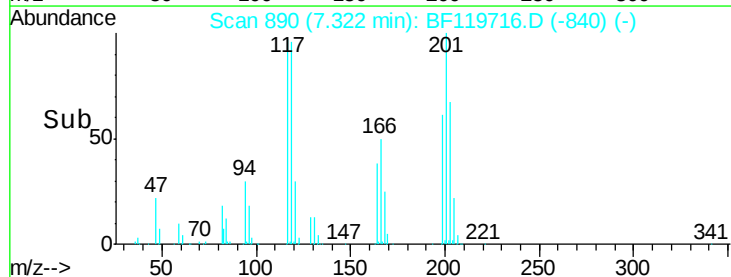
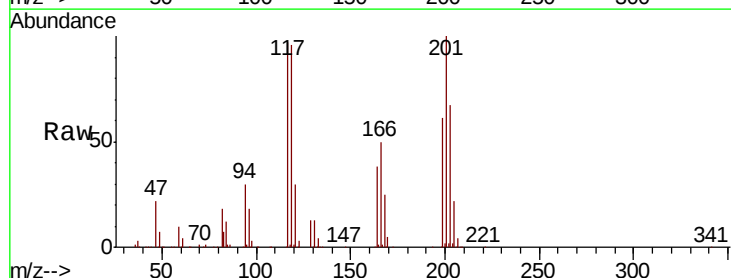
Instrument :
BNA_F
ClientSampleId :
PB127964BS

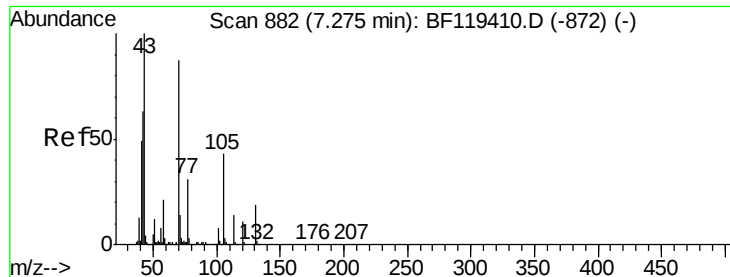
Tot Ion:	107	Resp:	513210
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.2	138.4
77	44.6	36.6	54.8
79	43.0	36.2	54.4



#18
Hexachloroethane
Concen: 40.994 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:	117	Resp:	238899
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.1	114.1
201	102.7	73.0	109.6

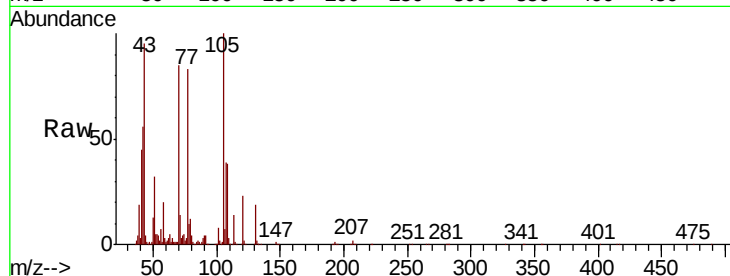




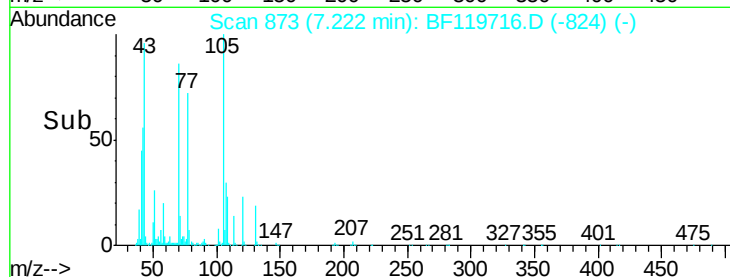
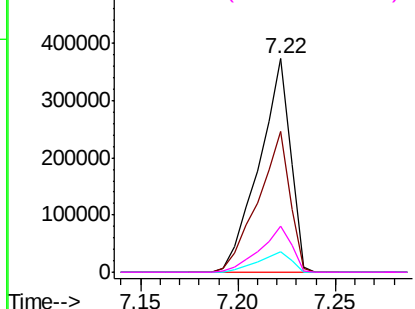
#19
n-Nitroso-di-n-propylamine
Concen: 38.631 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:	70	Resp:	416014
Ion	Ratio	Lower	Upper
70	100		
42	65.9	54.5	81.7
101	9.8	7.6	11.4
130	21.8	17.6	26.4



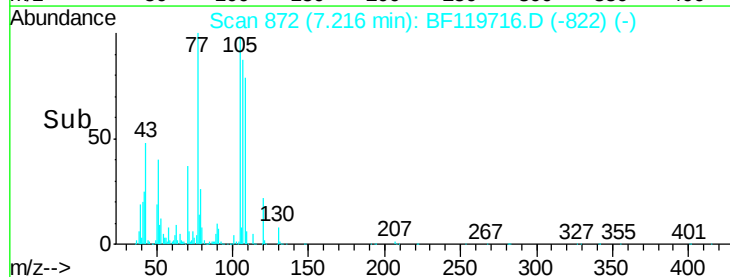
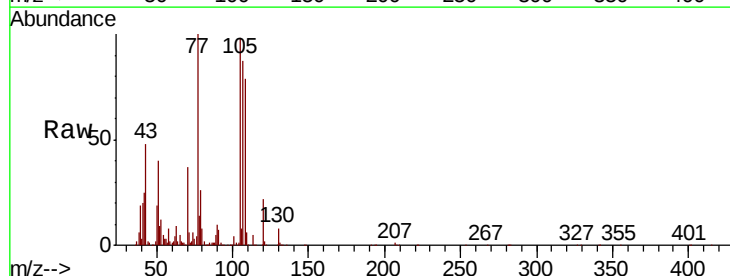
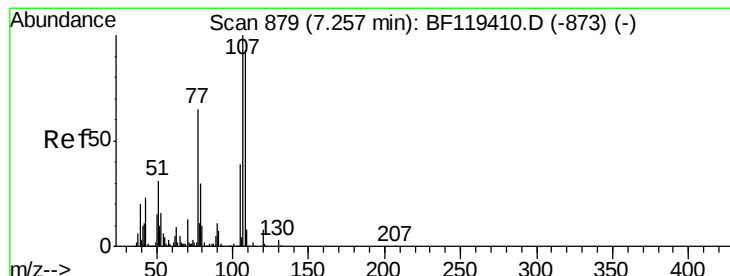
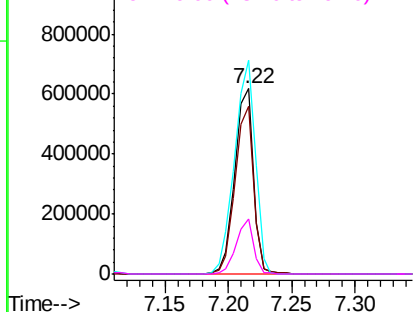
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

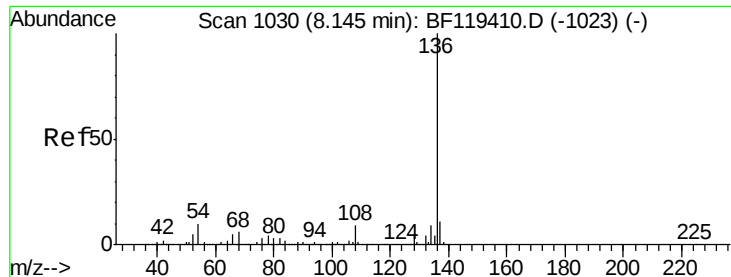


#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:	107	Resp:	622510
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.9	107.9
77	115.4	52.9	92.9
79	29.6	7.7	47.7

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion:136 Resp: 863369

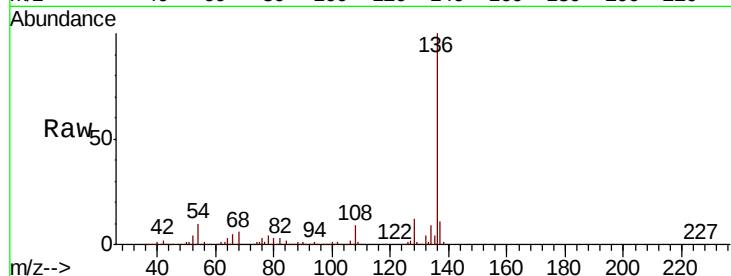
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.8 9.1 13.7

68 5.7 4.6 6.8

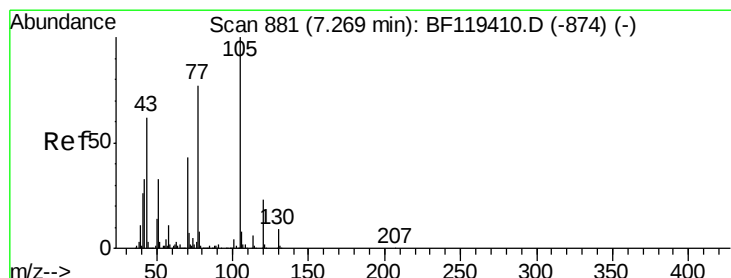
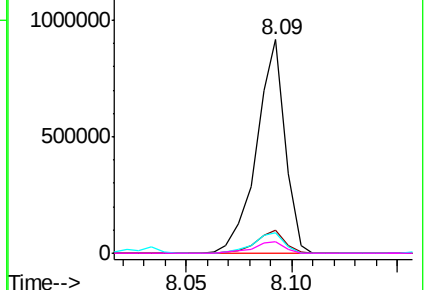
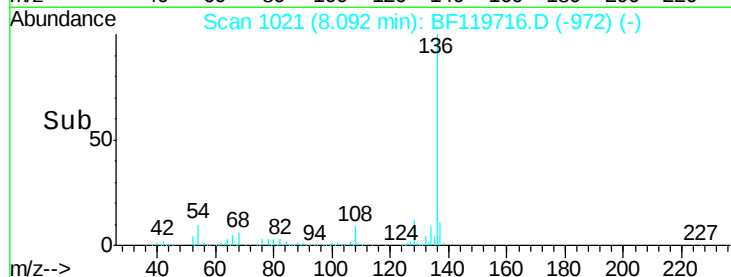


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.082 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:105 Resp: 806258

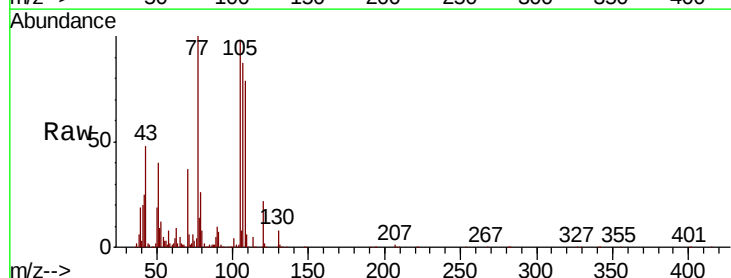
Ion Ratio Lower Upper

105 100

71 6.2 5.7 8.5

51 40.9 26.2 39.4#

120 22.3 18.3 27.5

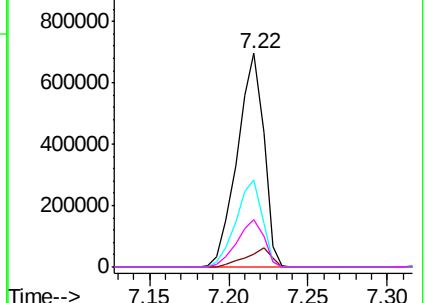
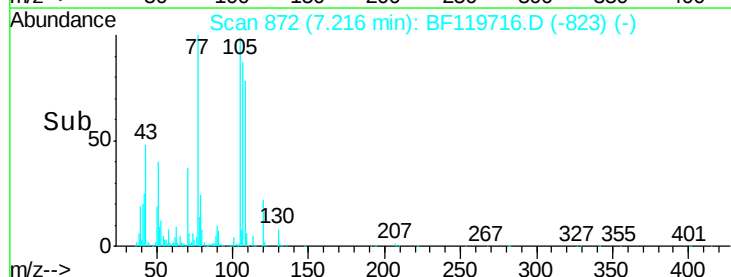


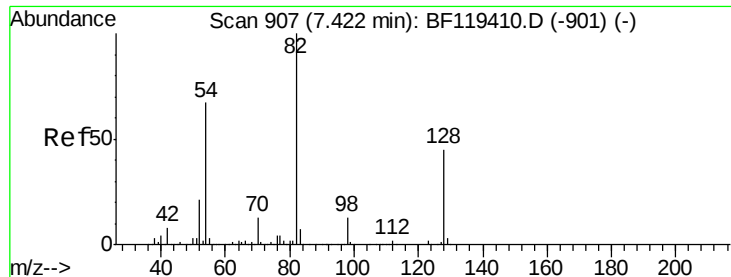
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.085 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

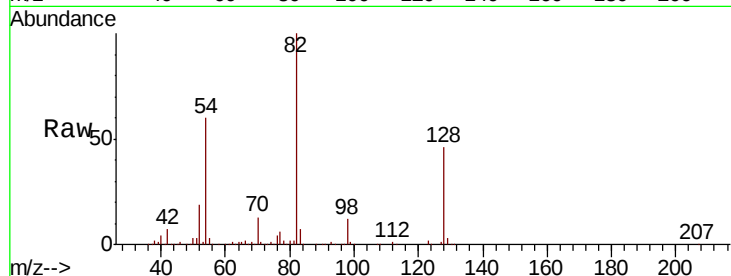
Tot Ion: 82 Resp: 1208681

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

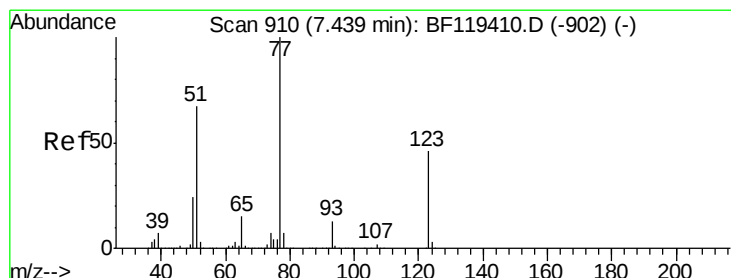
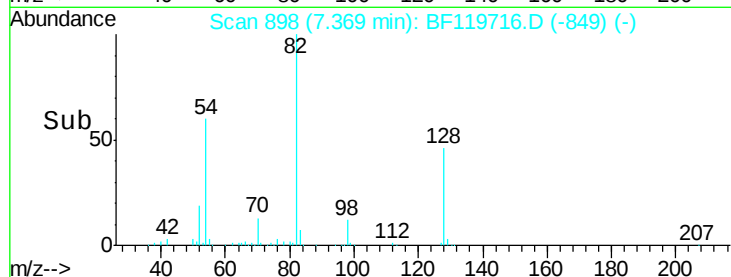
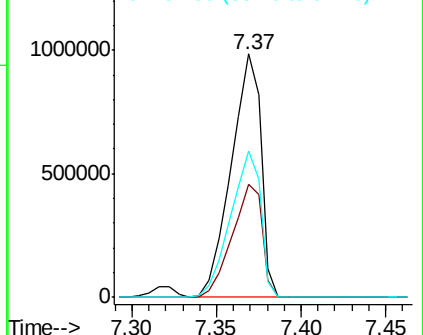
54 60.1 50.6 75.8



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: 38.244 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

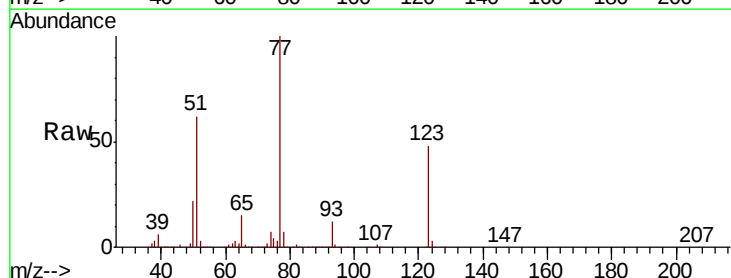
Tgt Ion: 77 Resp: 649272

Ion Ratio Lower Upper

77 100

123 48.4 38.0 57.0

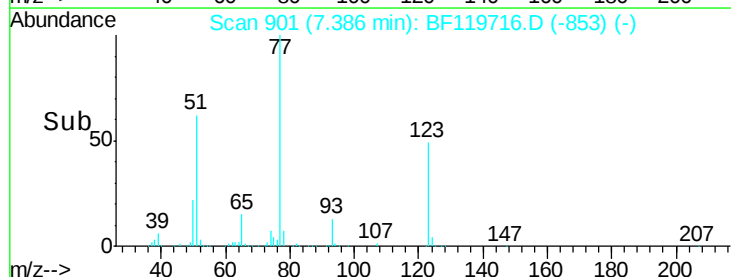
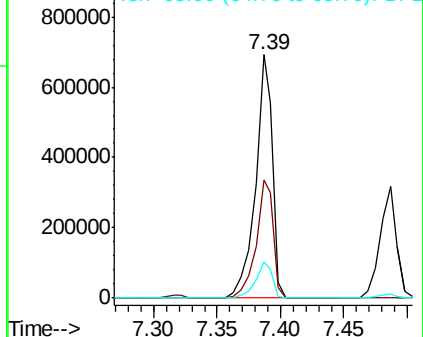
65 15.1 12.6 18.8

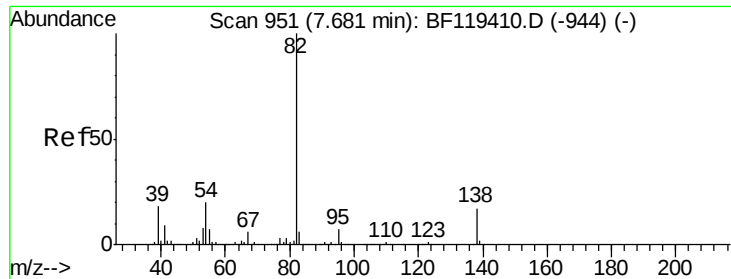


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.269 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

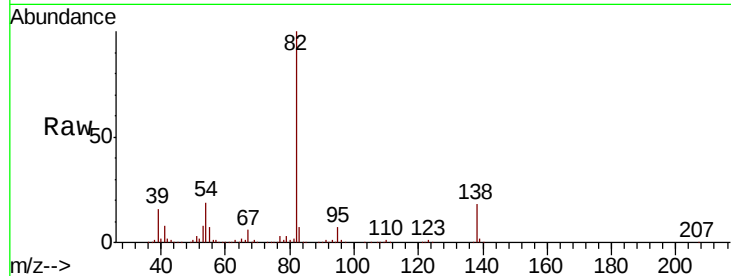
Tot Ion: 82 Resp: 1168761

Ion Ratio Lower Upper

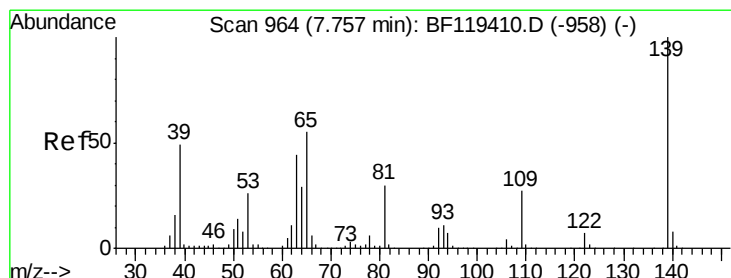
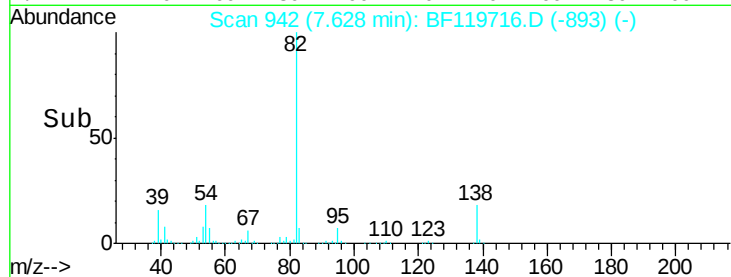
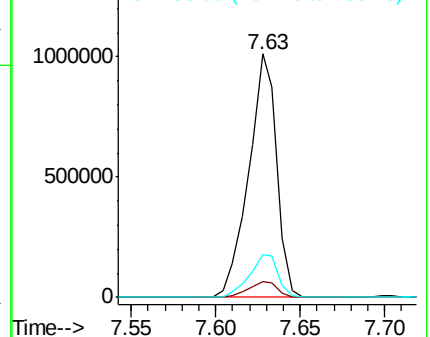
82 100

95 6.5 5.8 8.6

138 17.6 14.6 21.8



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: 50.089 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

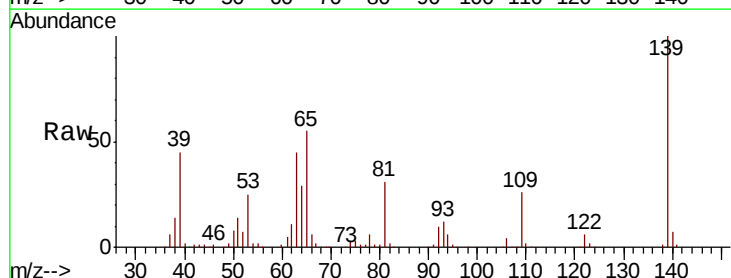
Tgt Ion: 139 Resp: 334826

Ion Ratio Lower Upper

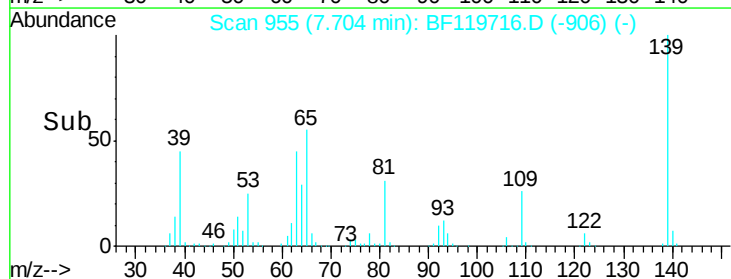
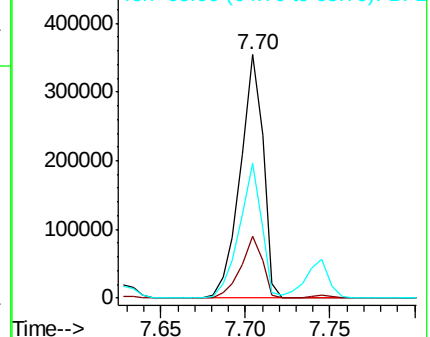
139 100

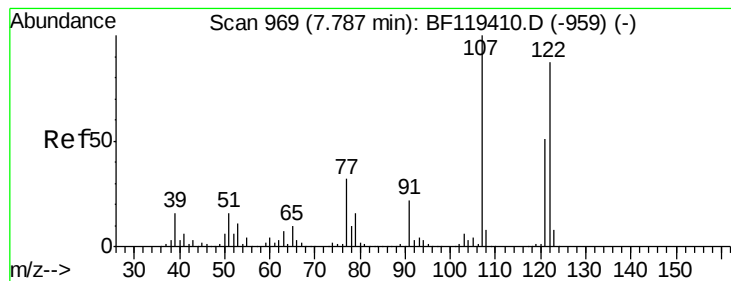
109 25.6 22.1 33.1

65 55.1 49.2 73.8



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: 39.075 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

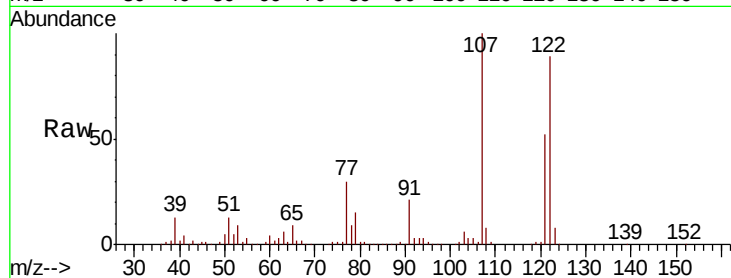
Tot Ion:122 Resp: 540100

Ion Ratio Lower Upper

122 100

107 112.2 89.0 133.6

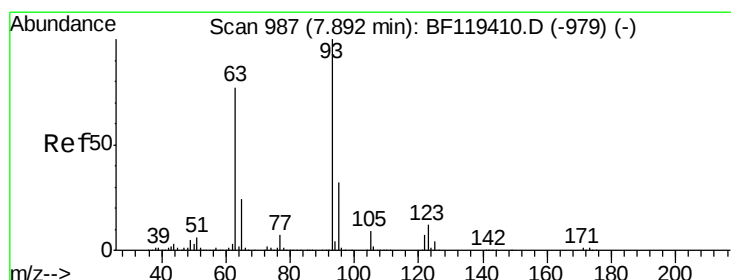
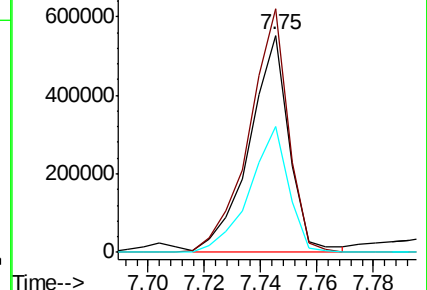
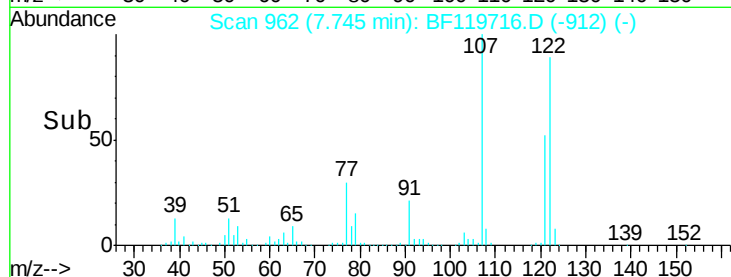
121 58.1 46.7 70.1



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: 38.612 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

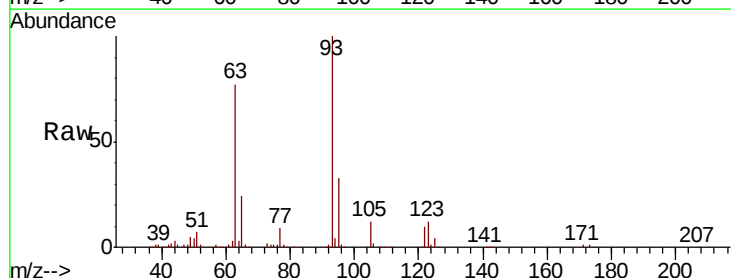
Tgt Ion: 93 Resp: 735784

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

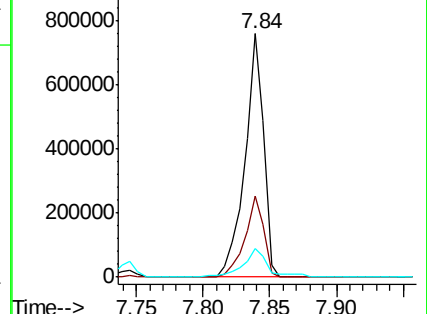
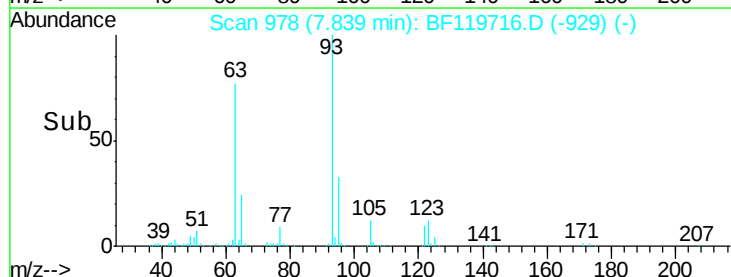
123 11.8 9.7 14.5

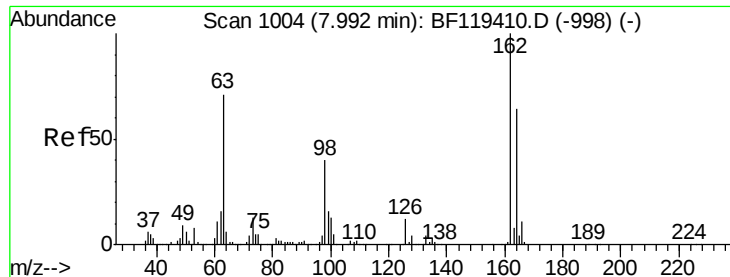


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

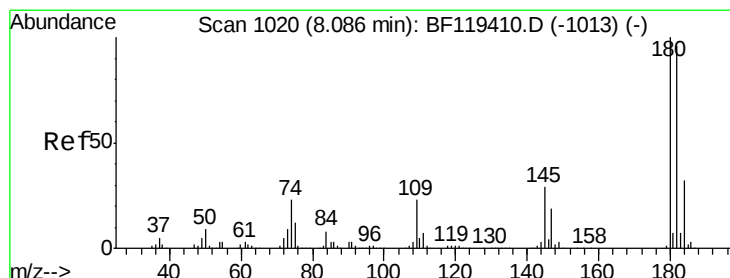
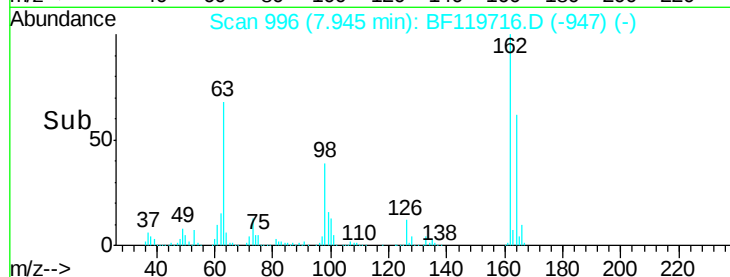
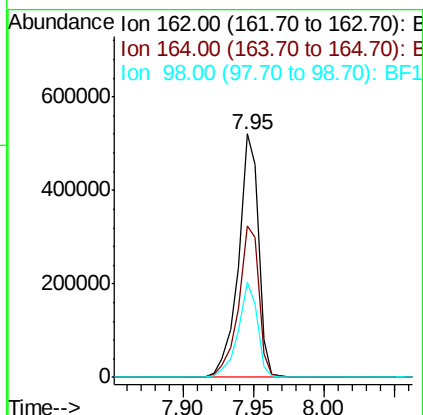
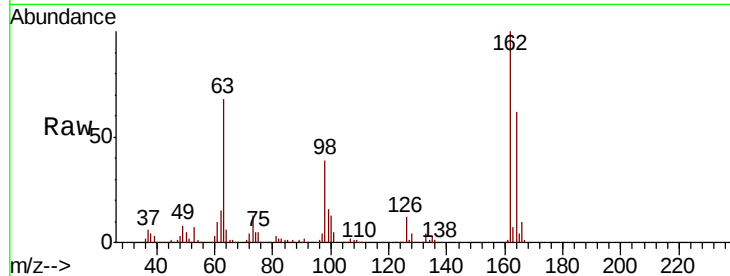




#29
2,4-Dichlorophenol
Concen: 40.569 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

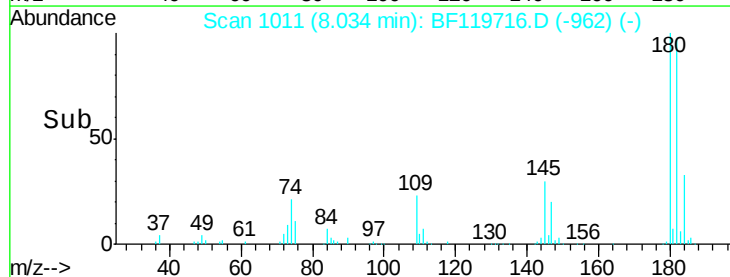
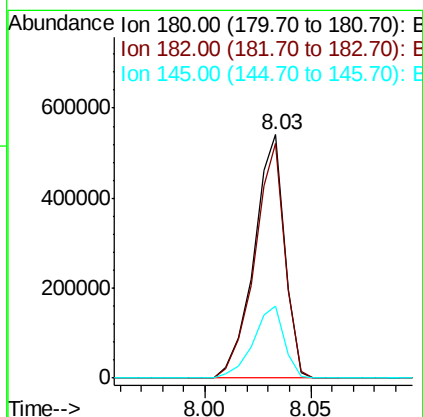
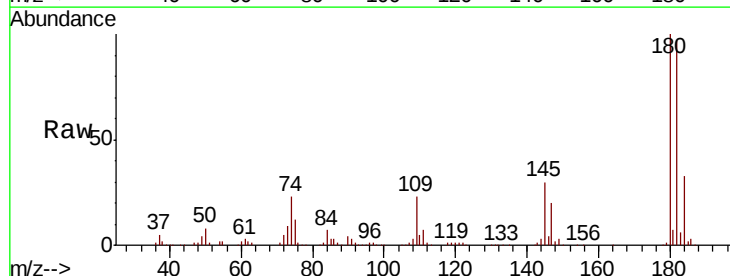
Instrument :
BNA_F
ClientSampleId :
PB127964BS

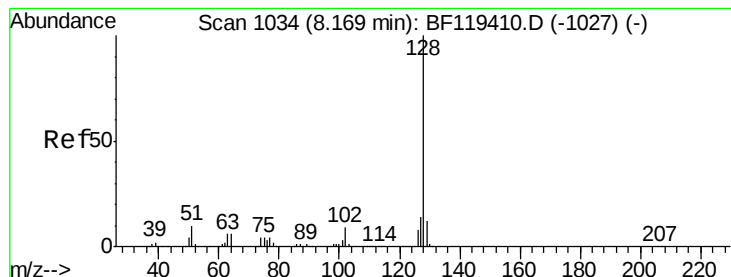
Tot Ion:162 Resp: 515228
Ion Ratio Lower Upper
162 100
164 62.0 44.7 84.7
98 39.3 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 39.032 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:180 Resp: 548211
Ion Ratio Lower Upper
180 100
182 96.6 74.7 112.1
145 29.6 24.5 36.7





#31

Naphthalene

Concen: 39.834 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

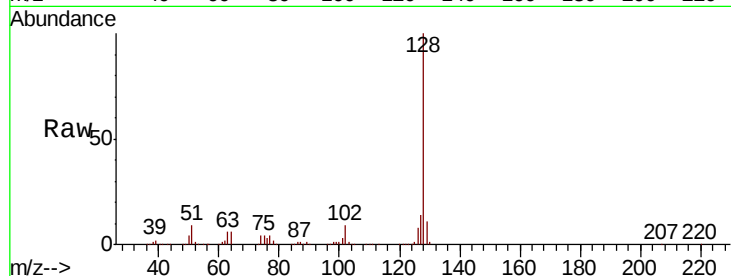
Tot Ion:128 Resp: 1769825

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

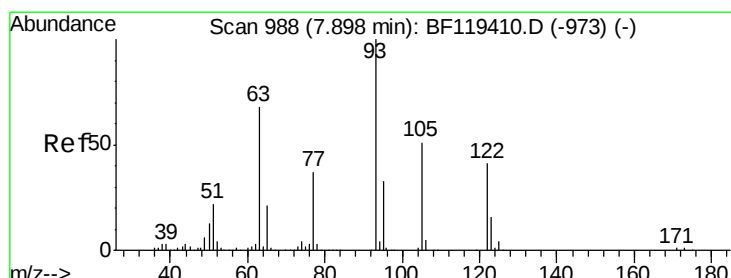
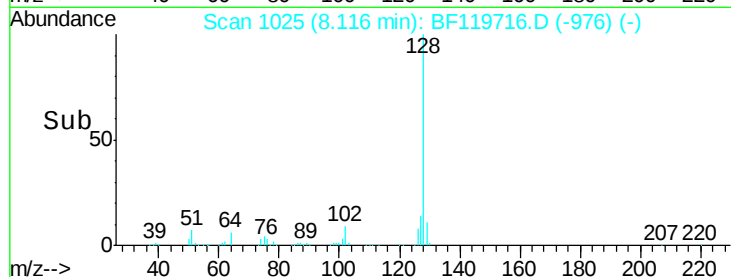
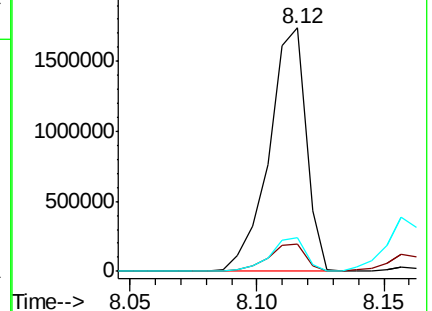
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.949 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

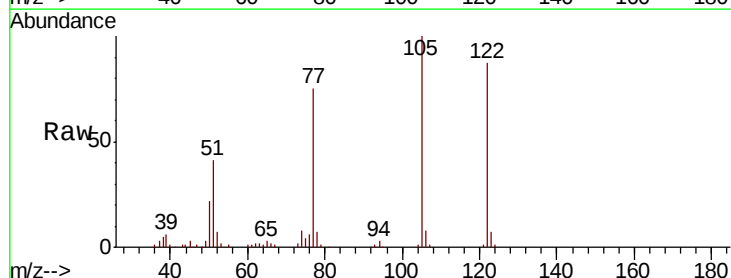
Tgt Ion:122 Resp: 435211

Ion Ratio Lower Upper

122 100

105 115.5 104.9 144.9

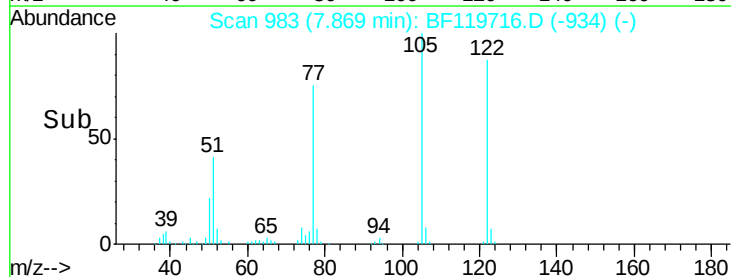
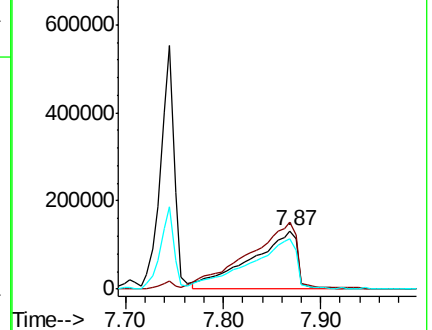
77 87.1 74.4 114.4

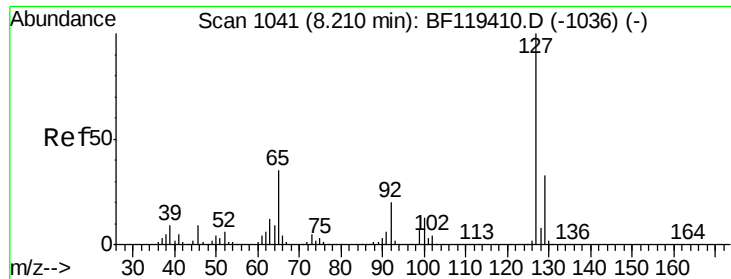


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

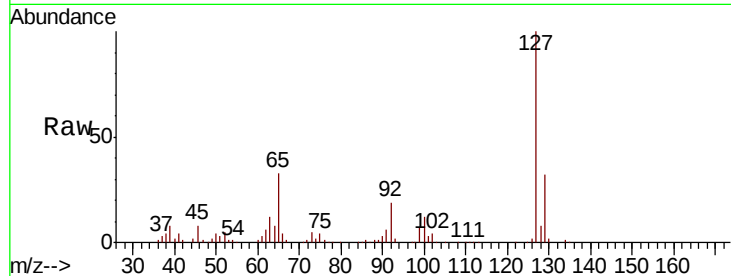




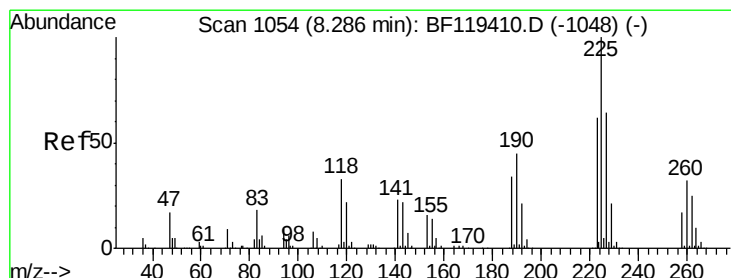
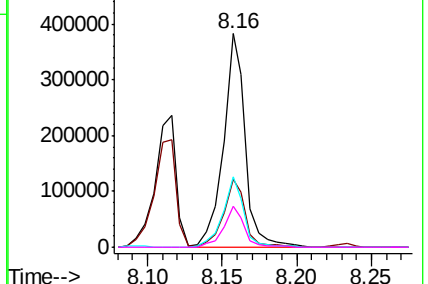
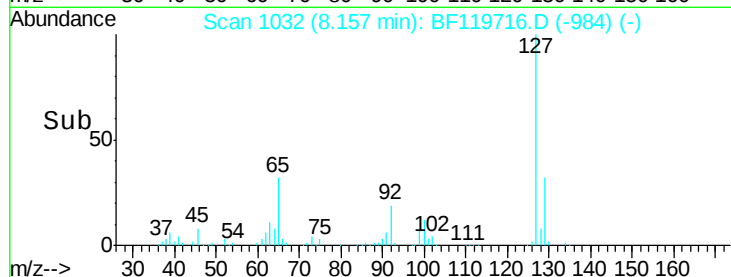
#33
4-Chloroaniline
Concen: 19.406 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:	127	Resp:	395072
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	33.2	27.4	41.0
92	19.3	15.3	22.9

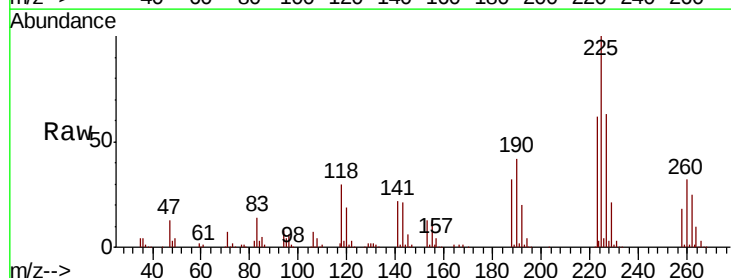


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

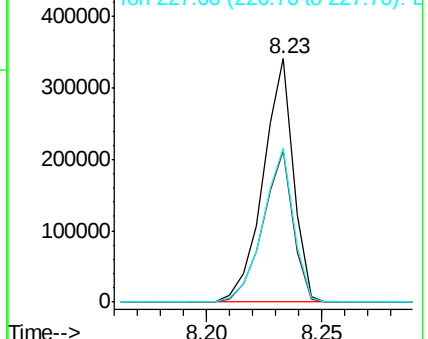
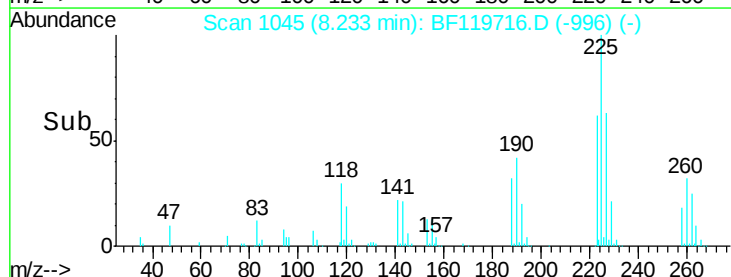


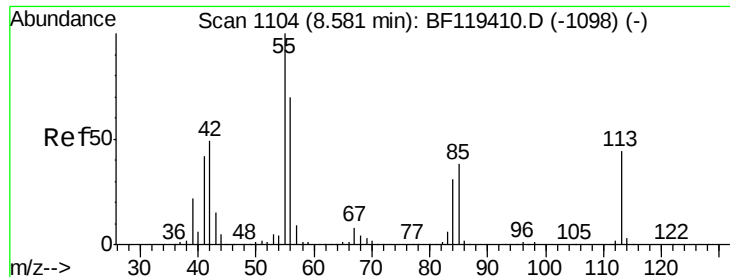
#34
Hexachlorobutadiene
Concen: 39.432 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:	225	Resp:	309875
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.1	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

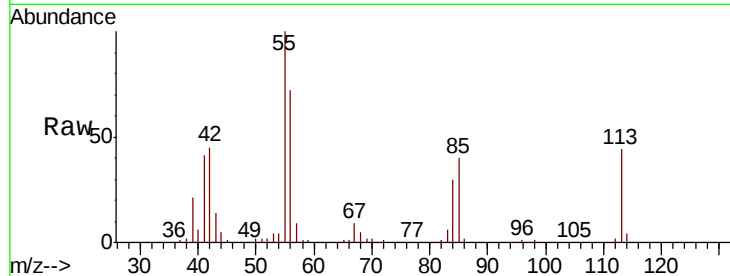




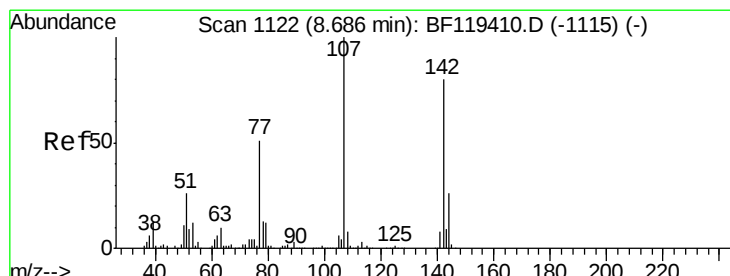
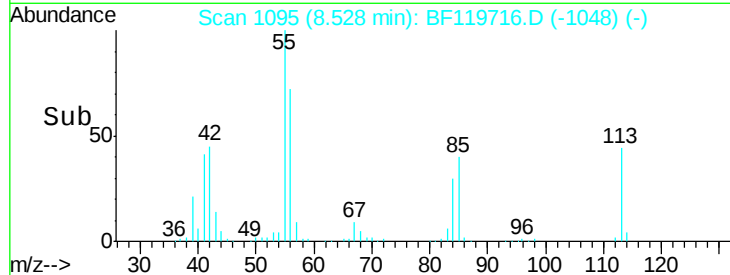
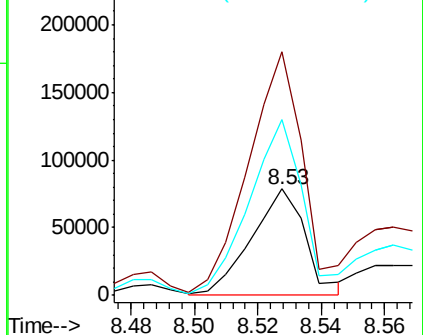
#35
Caprolactam
Concen: 22.495 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:113 Resp: 93499
Ion Ratio Lower Upper
113 100
55 228.7 218.4 258.4
56 164.8 148.9 188.9

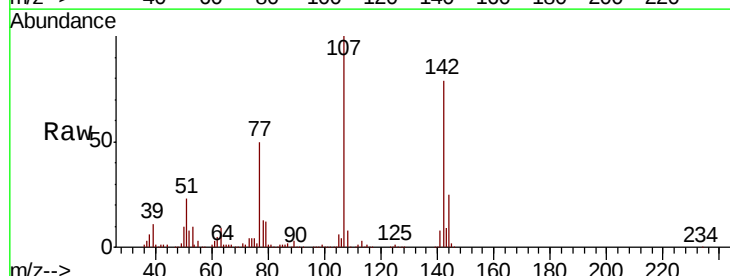


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

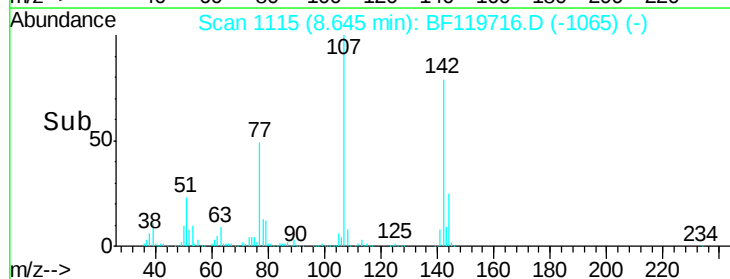
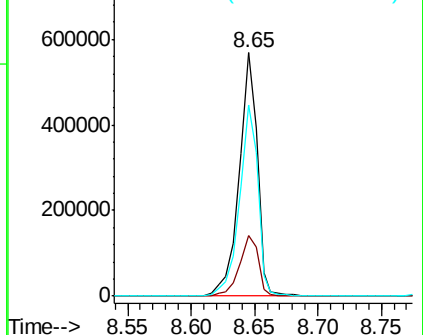


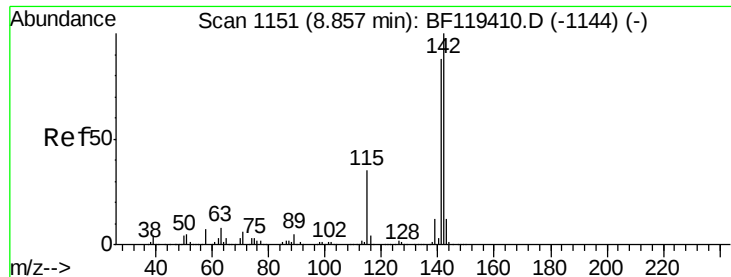
#36
4-Chloro-3-methylphenol
Concen: 40.156 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:107 Resp: 557391
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 78.6 64.4 96.6



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

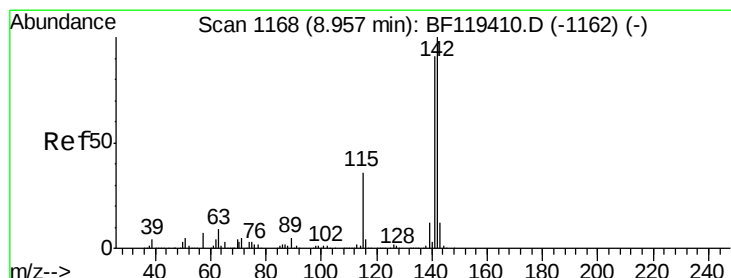
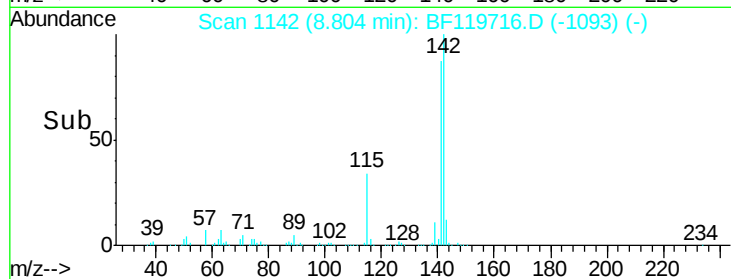
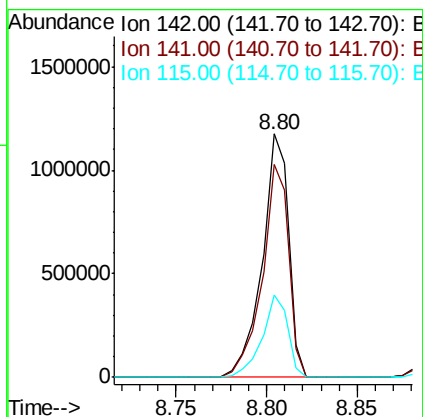
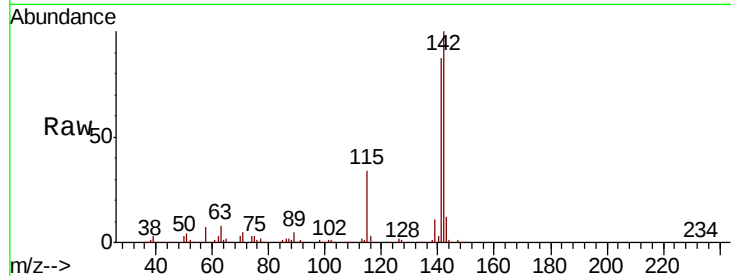




#37
 2-Methylnaphthalene
 Concen: 40.956 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

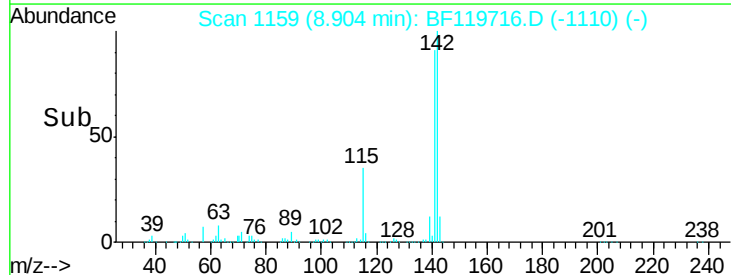
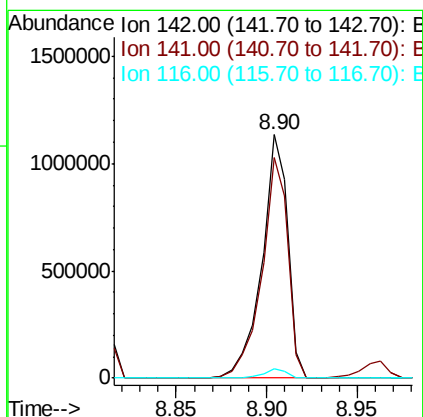
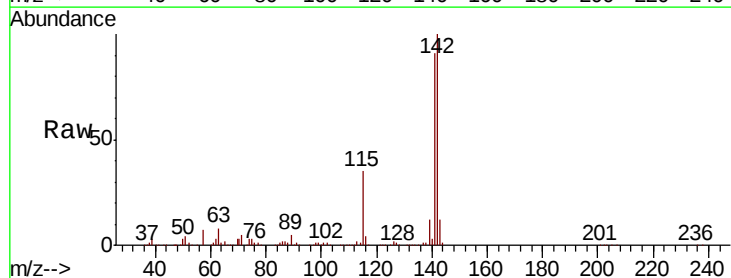
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

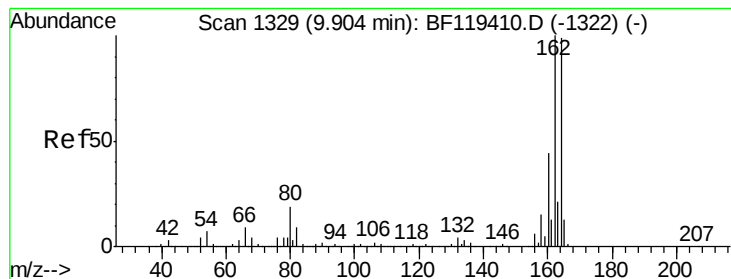
Tot Ion:142 Resp: 1194240
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.7 107.5
 115 33.9 27.9 41.9



#38
 1-Methylnaphthalene
 Concen: 40.669 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:142 Resp: 1122451
 Ion Ratio Lower Upper
 142 100
 141 90.7 73.7 110.5
 116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

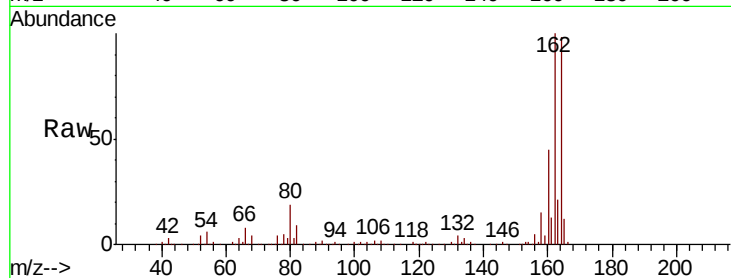
Tot Ion:164 Resp: 445902

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

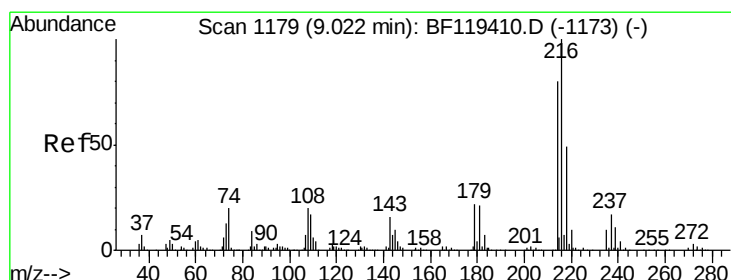
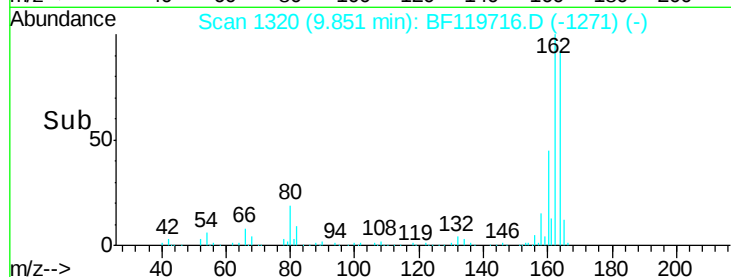
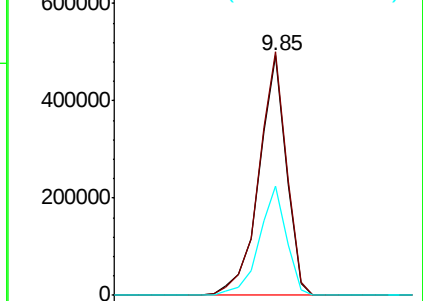
160 45.6 35.7 53.5



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: 39.023 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:216 Resp: 510019

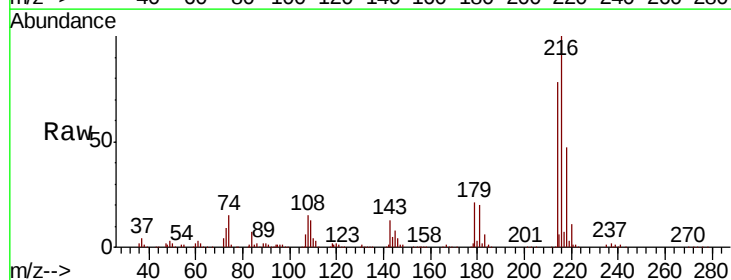
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 21.2 17.1 25.7

108 20.4 15.1 22.7

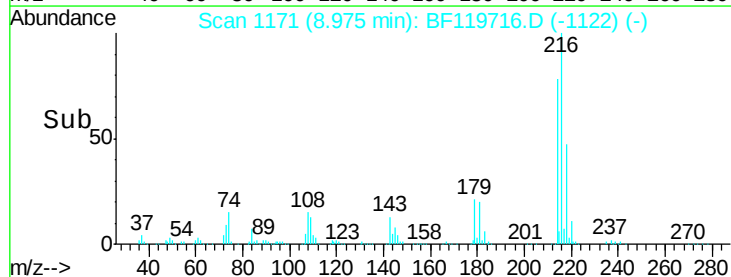
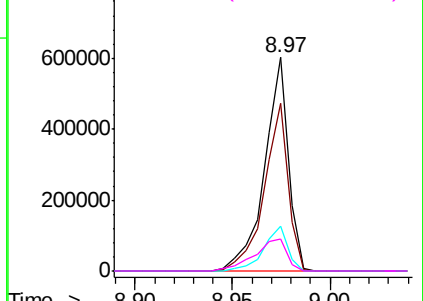


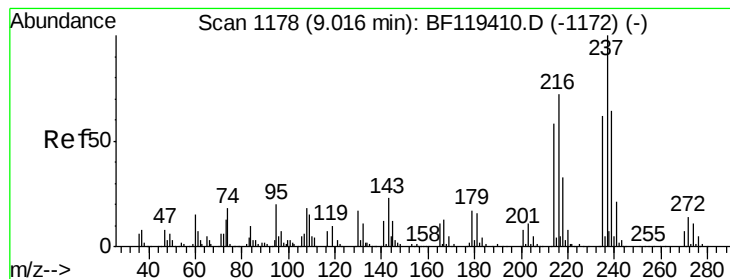
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.207 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

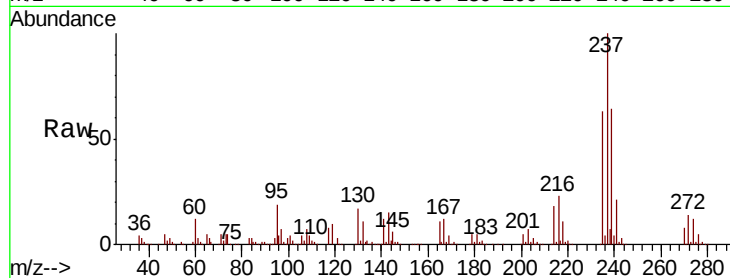
Tot Ion:237 Resp: 625685

Ion Ratio Lower Upper

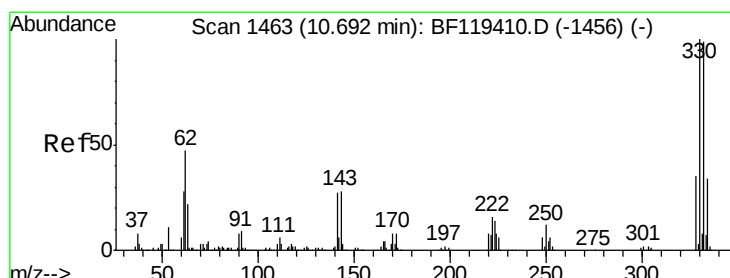
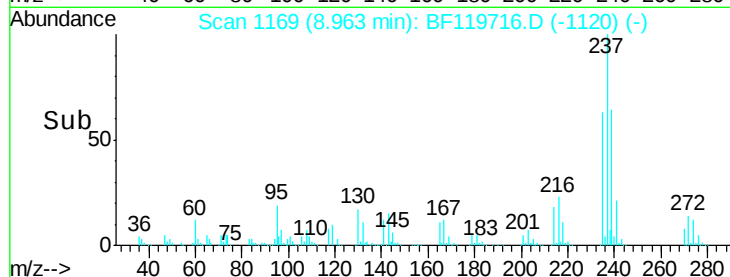
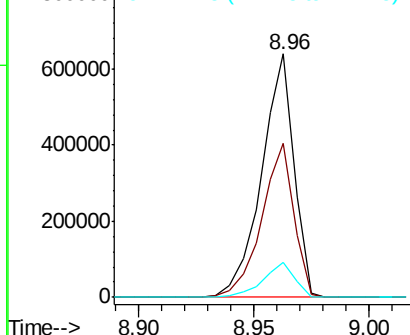
237 100

235 63.0 43.2 83.2

272 14.2 0.0 34.1



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: 126.757 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

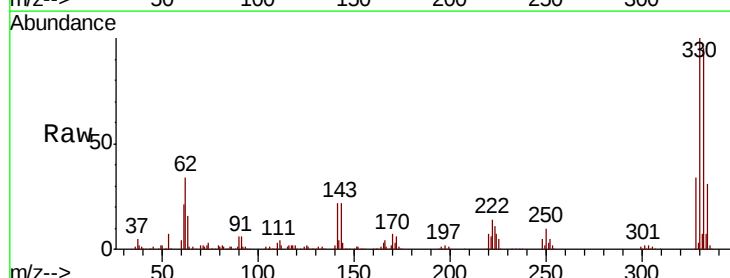
Tgt Ion:330 Resp: 583110

Ion Ratio Lower Upper

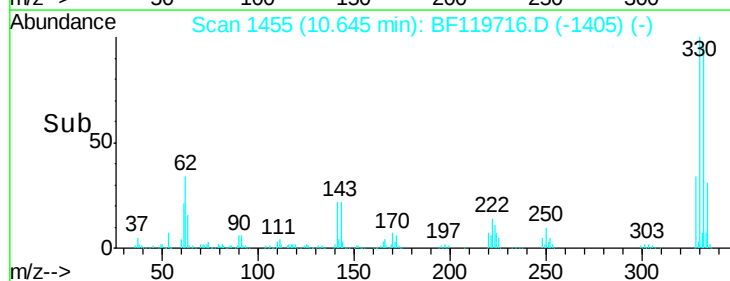
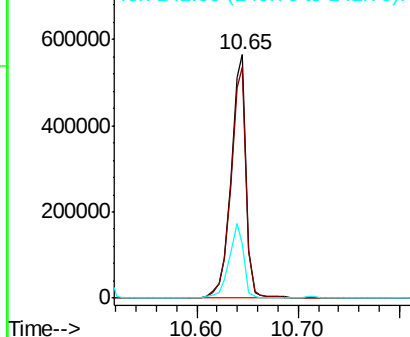
330 100

332 95.5 75.7 113.5

141 29.7 25.4 38.0



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

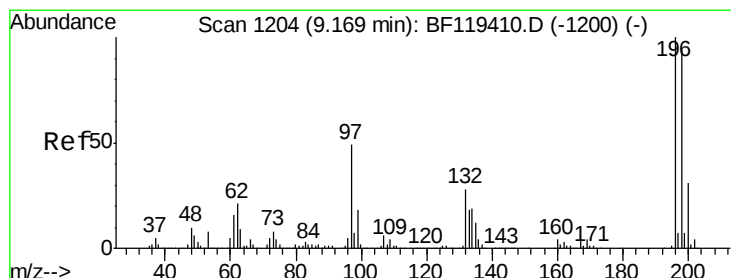
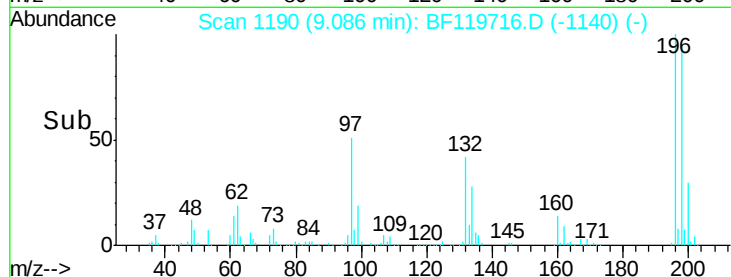
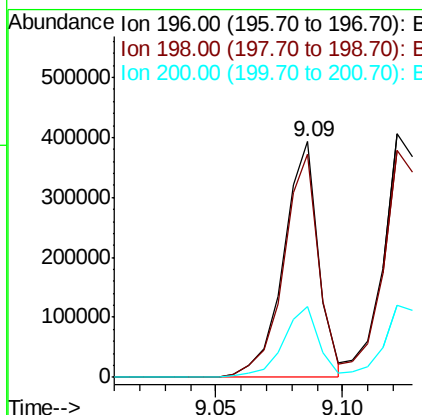
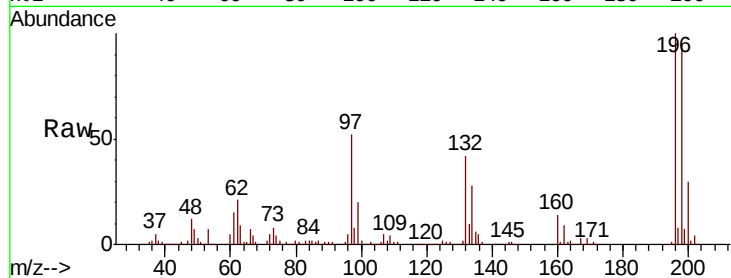




#43
 2,4,6-Trichlorophenol
 Concen: 40.484 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

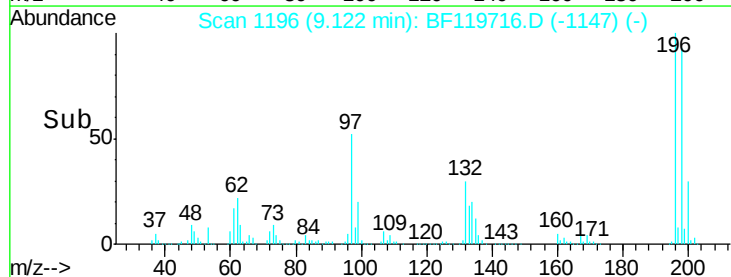
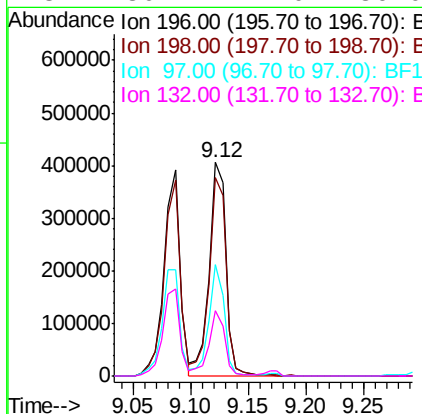
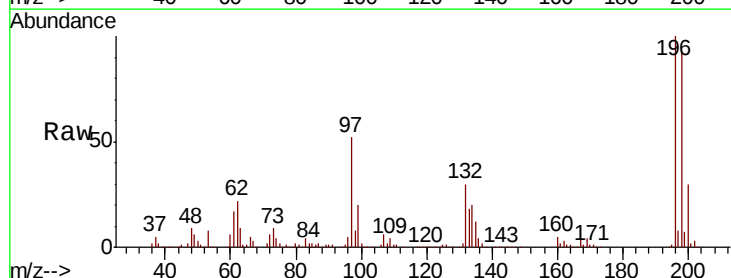
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

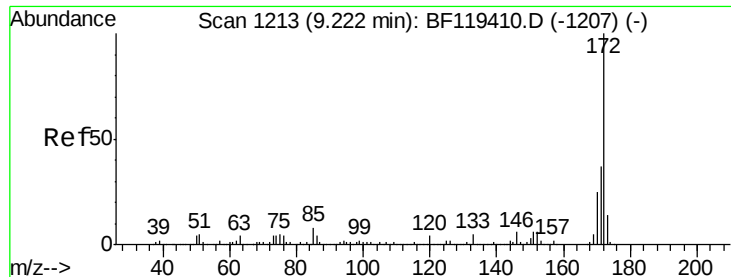
Tot Ion:196 Resp: 378646
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.6 115.0
 200 29.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.474 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:196 Resp: 413586
 Ion Ratio Lower Upper
 196 100
 198 93.0 73.8 110.8
 97 52.2 42.6 63.8
 132 30.4 24.0 36.0

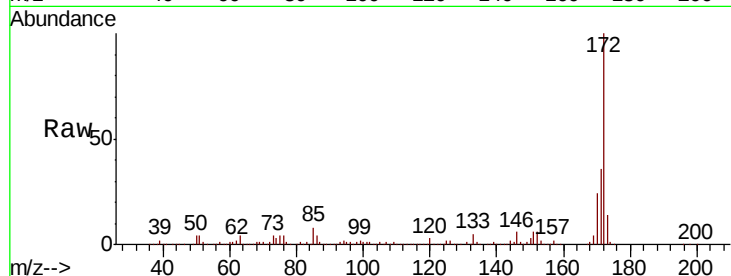




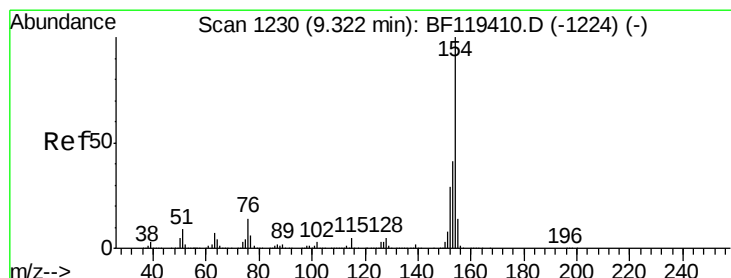
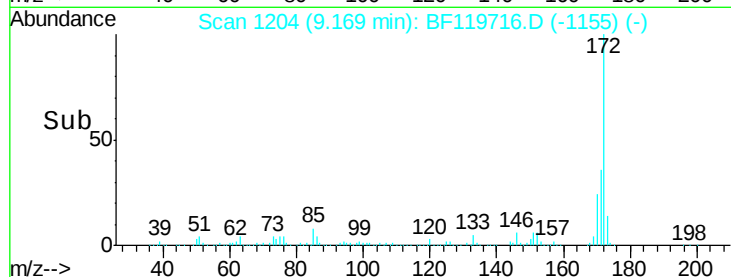
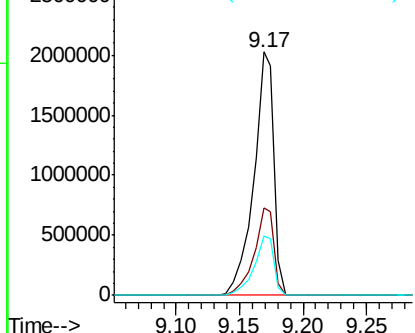
#45
2-Fluorobiphenyl
Concen: 74.716 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:172 Resp: 2248851
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.5 20.2 30.2

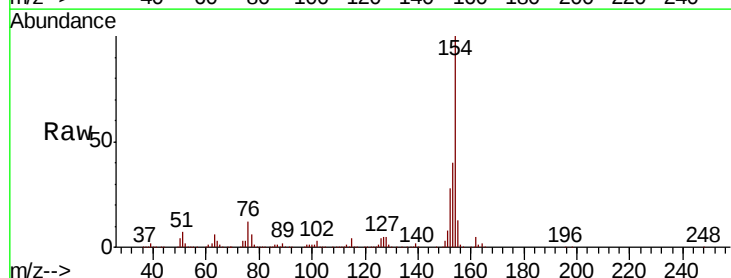


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

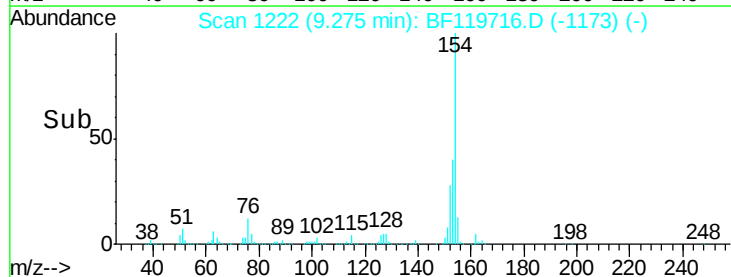
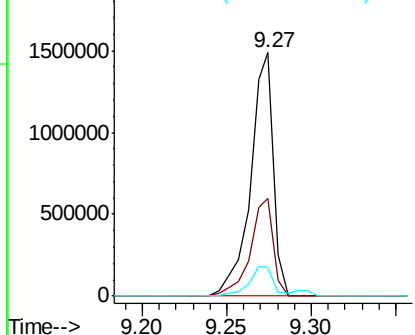


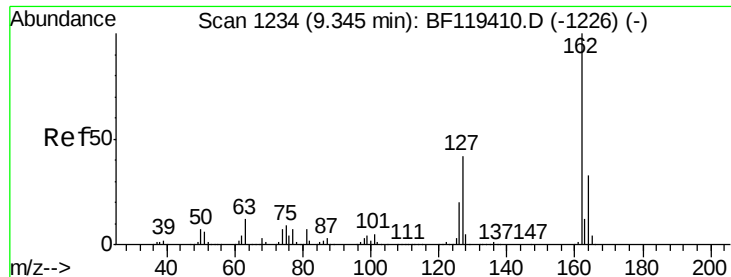
#46
1,1'-Biphenyl
Concen: 38.680 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:154 Resp: 1404729
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 11.7 0.0 33.0



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

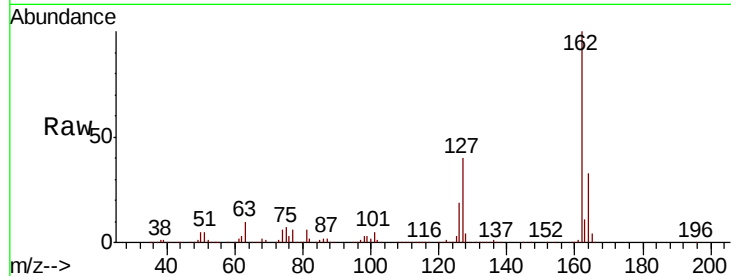




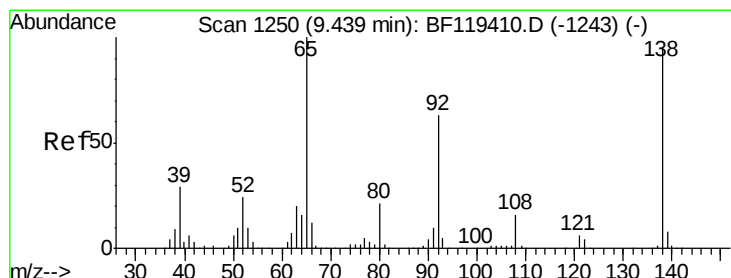
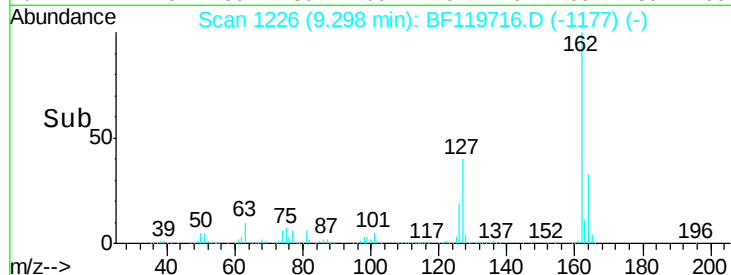
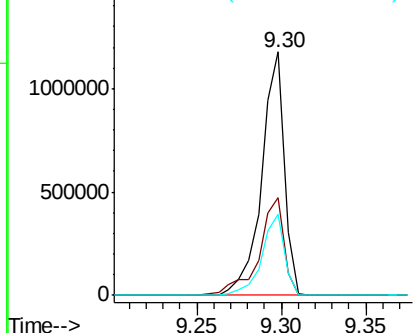
#47
 2-Chloronaphthalene
 Concen: 38.535 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion:162 Resp: 1096211
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.7 50.5
 164 33.2 26.3 39.5

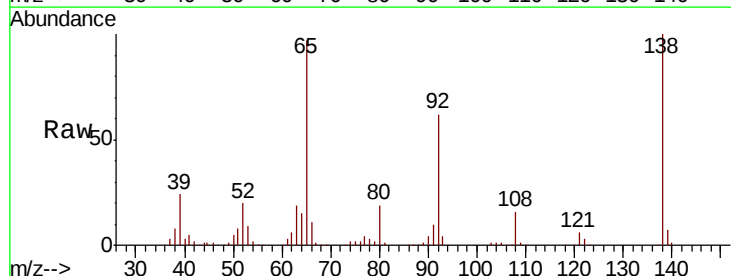


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

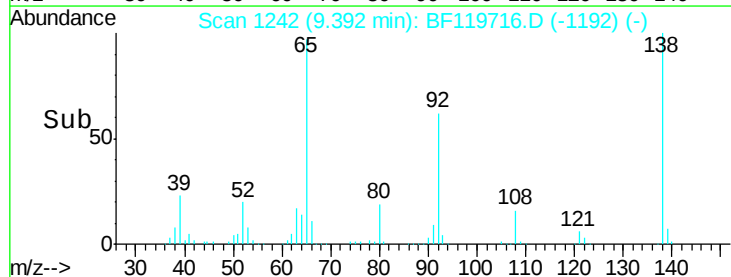
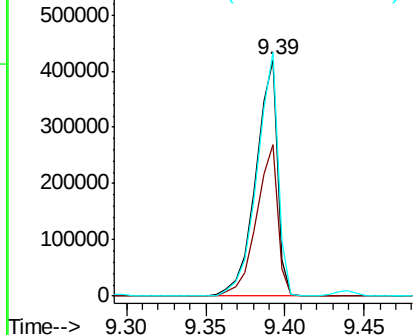


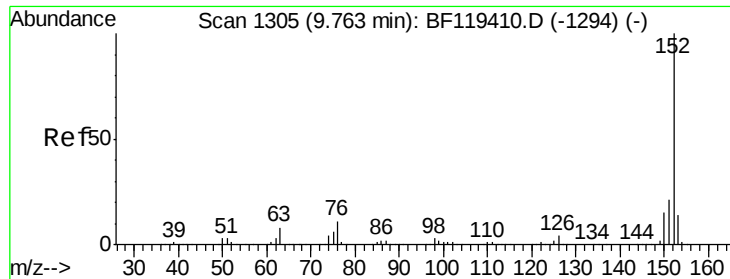
#48
 2-Nitroaniline
 Concen: 40.712 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion: 65 Resp: 399746
 Ion Ratio Lower Upper
 65 100
 92 63.9 50.0 75.0
 138 103.1 75.0 112.4



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: 39.097 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

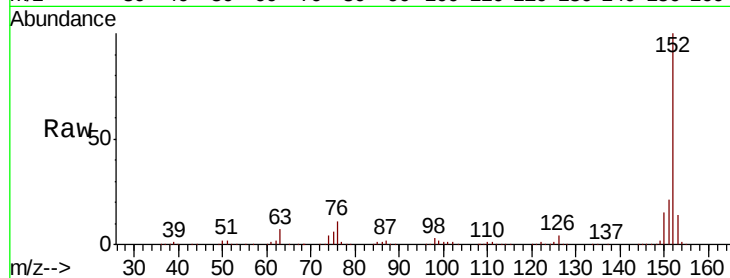
Tot Ion:152 Resp: 1746535

Ion Ratio Lower Upper

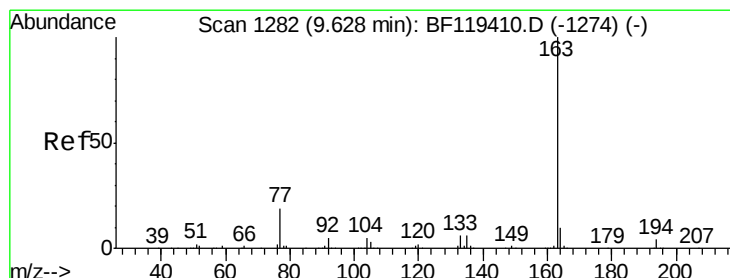
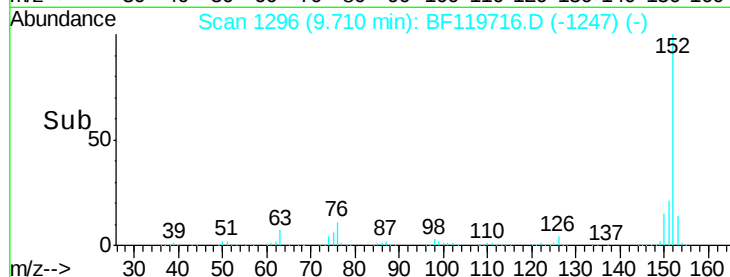
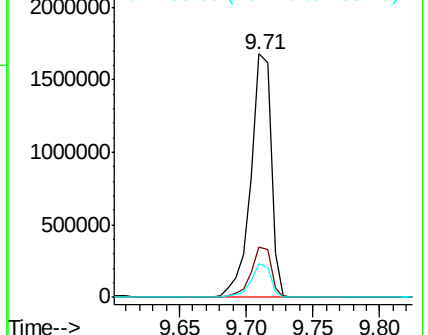
152 100

151 20.7 17.2 25.8

153 13.9 11.2 16.8



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: 40.254 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

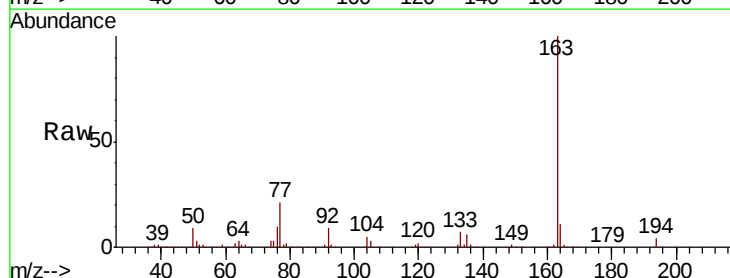
Tgt Ion:163 Resp: 1274943

Ion Ratio Lower Upper

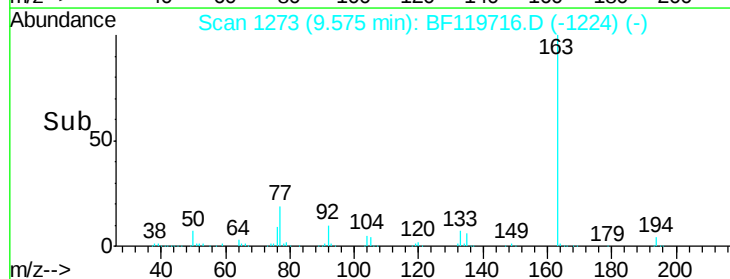
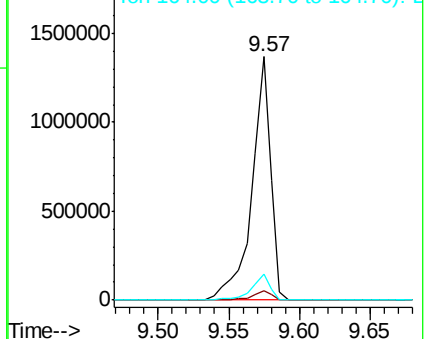
163 100

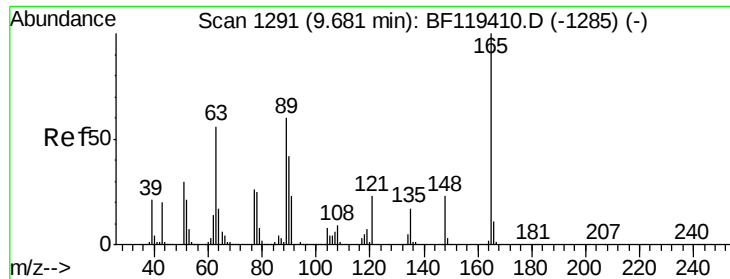
194 4.0 3.1 4.7

164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

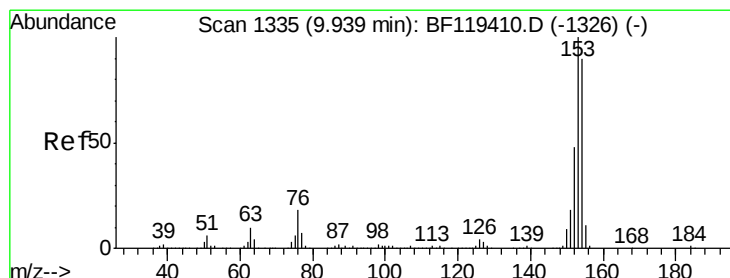
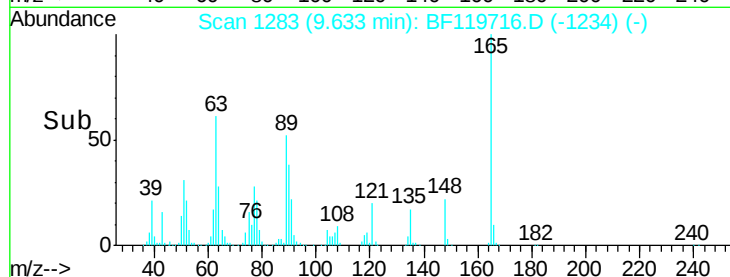
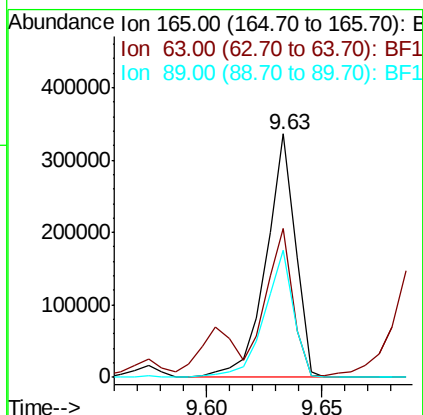
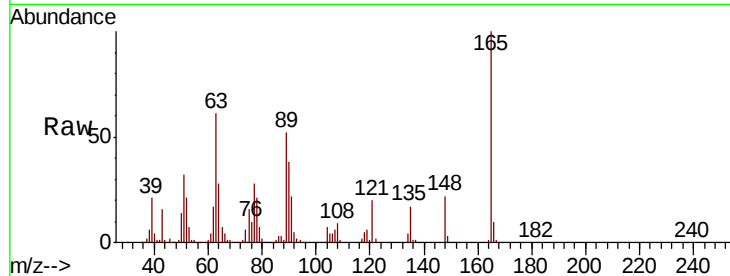




#51
2,6-Dinitrotoluene
Concen: 43.446 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

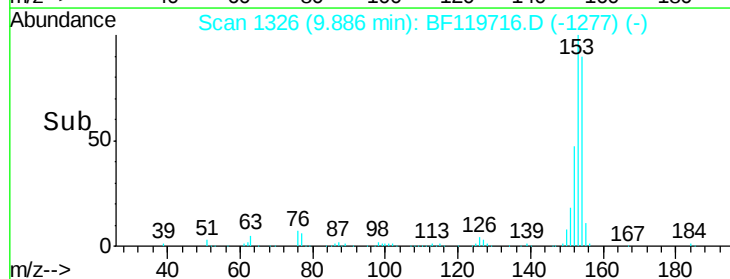
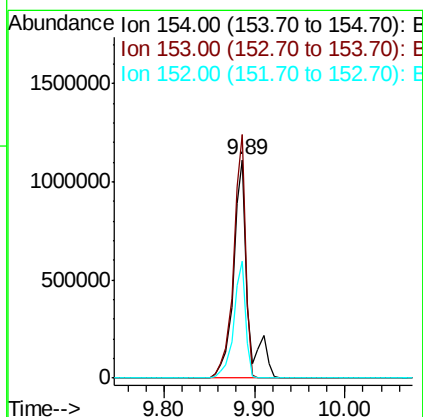
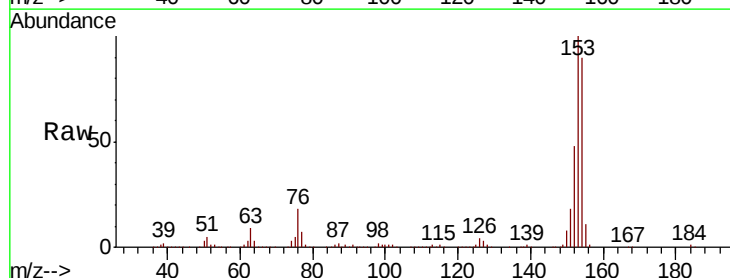
Instrument :
BNA_F
ClientSampleId :
PB127964BS

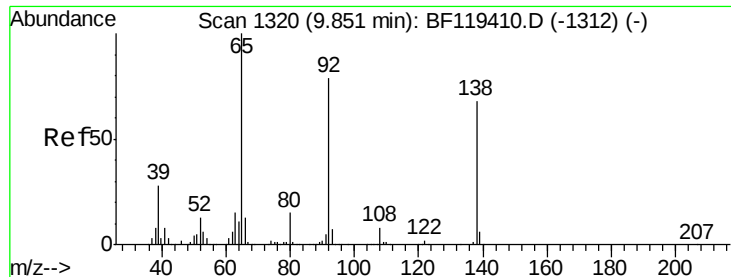
Tot Ion:165 Resp: 294950
Ion Ratio Lower Upper
165 100
63 61.1 45.0 67.4
89 52.5 41.5 62.3



#52
Acenaphthene
Concen: 44.197 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:154 Resp: 1230853
Ion Ratio Lower Upper
154 100
153 111.5 88.1 132.1
152 53.4 43.0 64.4

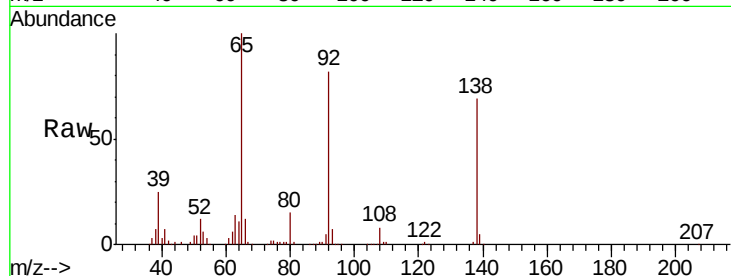




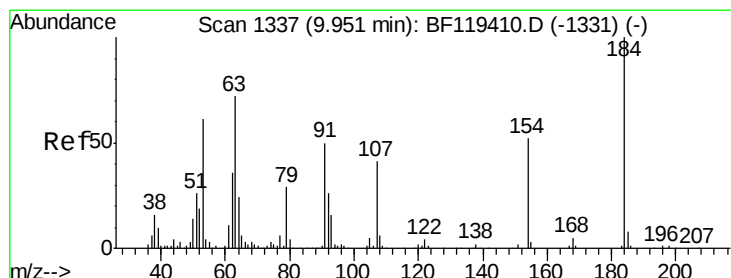
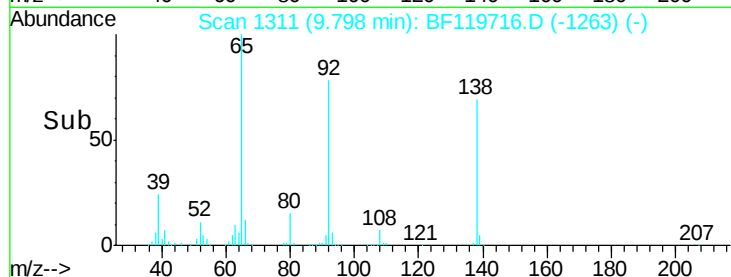
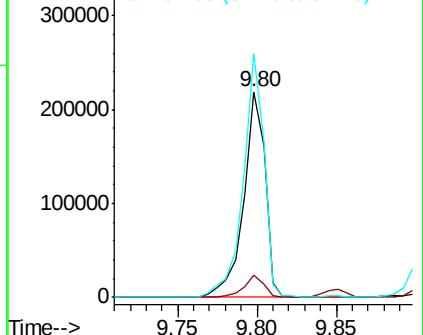
#53
3-Nitroaniline
Concen: 23.992 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:138 Resp: 205634
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 118.3 95.4 143.0

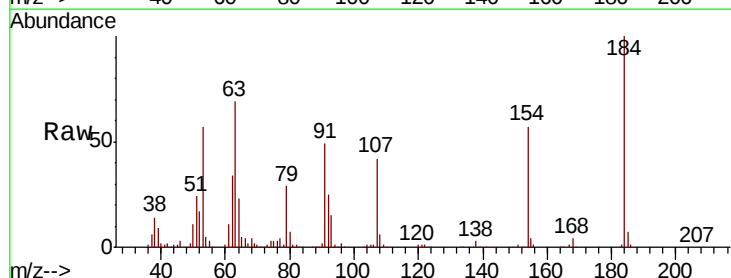


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

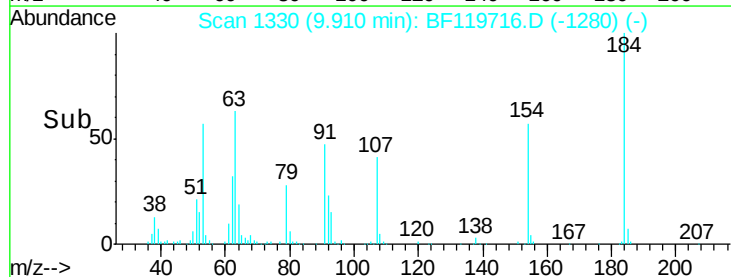
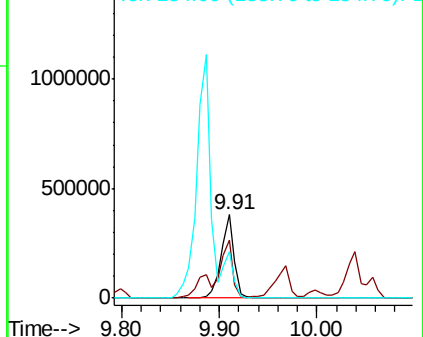


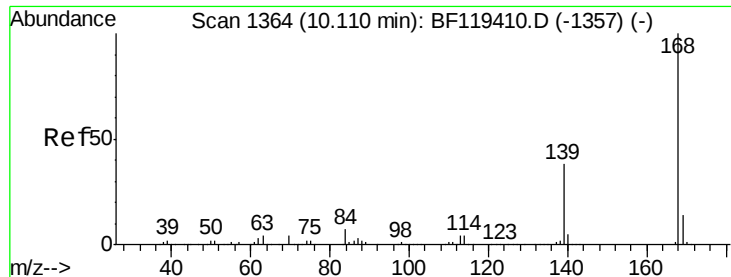
#54
2,4-Dinitrophenol
Concen: 115.836 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:184 Resp: 350801
Ion Ratio Lower Upper
184 100
63 69.2 50.2 75.4
154 56.6 44.5 66.7



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

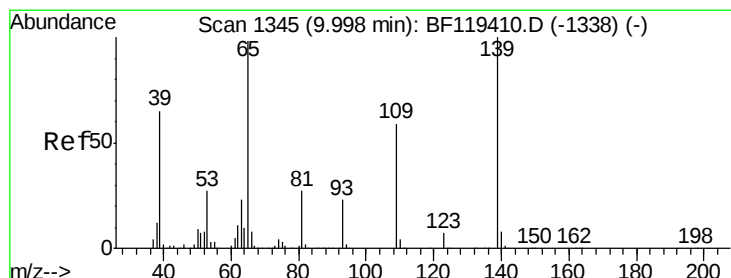
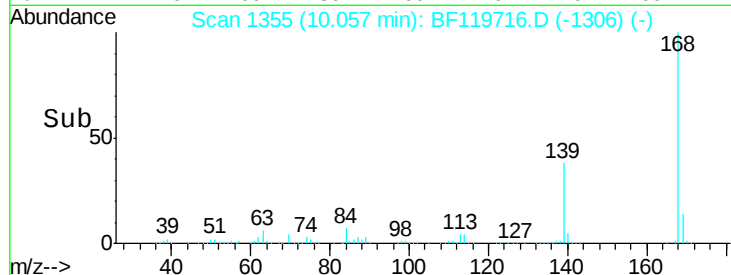
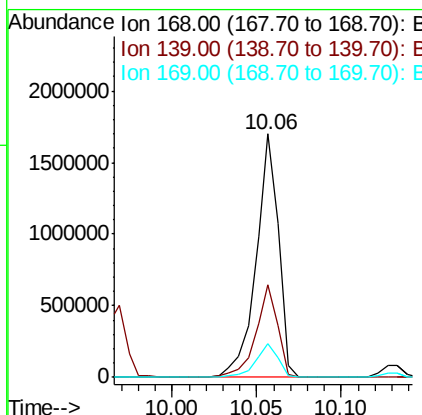
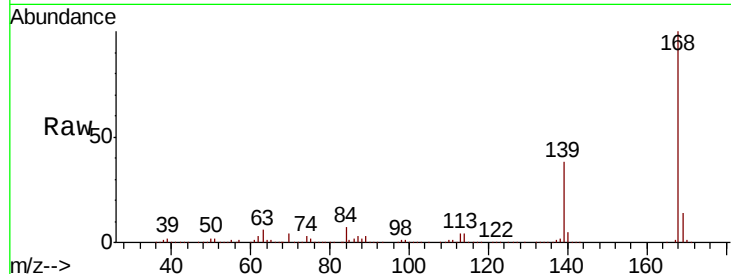




#55
Dibenzenofuran
Concen: 39.223 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

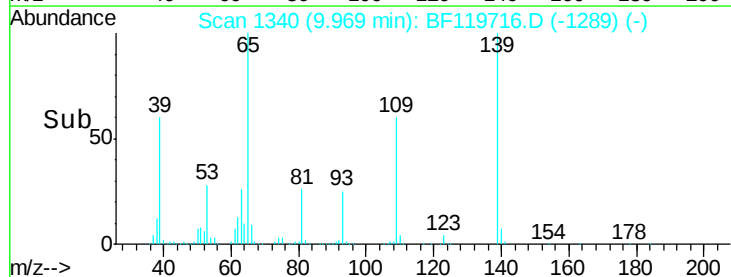
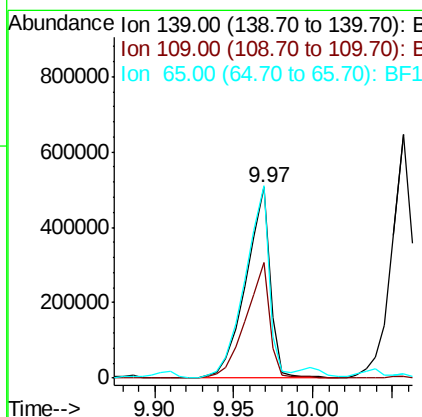
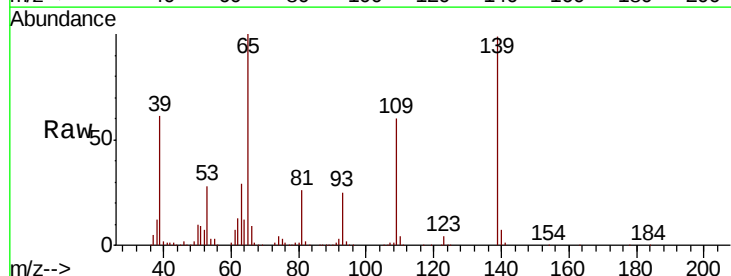
Instrument :
BNA_F
ClientSampleId :
PB127964BS

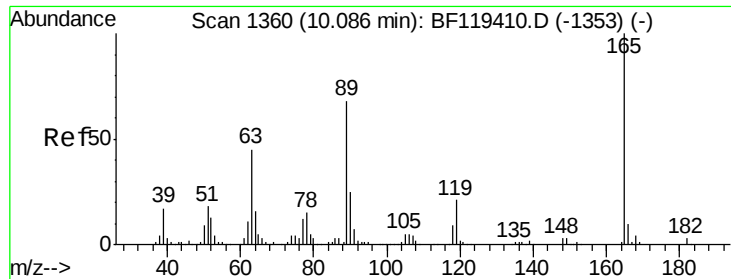
Tot Ion:168 Resp: 1566124
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 79.993 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:139 Resp: 540850
Ion Ratio Lower Upper
139 100
109 60.7 43.3 83.3
65 100.6 91.0 131.0

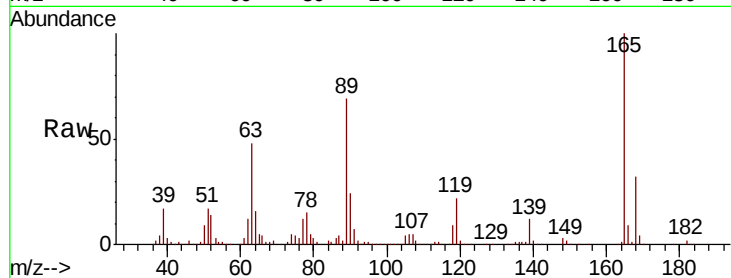




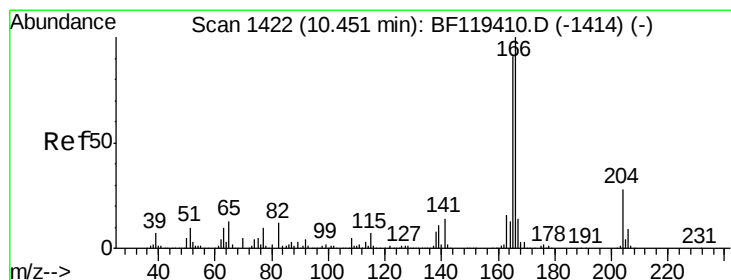
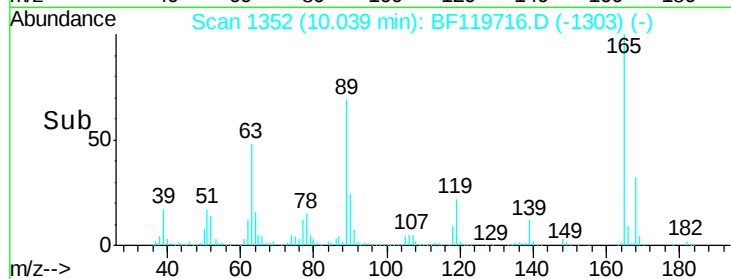
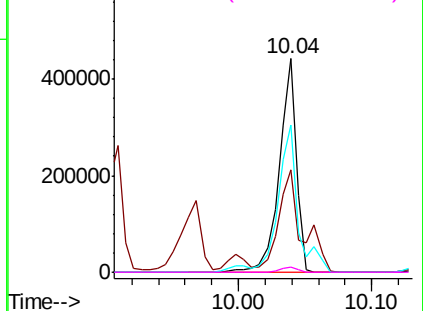
#57
2,4-Dinitrotoluene
Concen: 46.840 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:165	Resp:	400578
Ion	Ratio	Lower Upper
165	100	
63	48.1	42.6 64.0
89	68.7	61.0 91.4
182	2.3	2.2 3.2

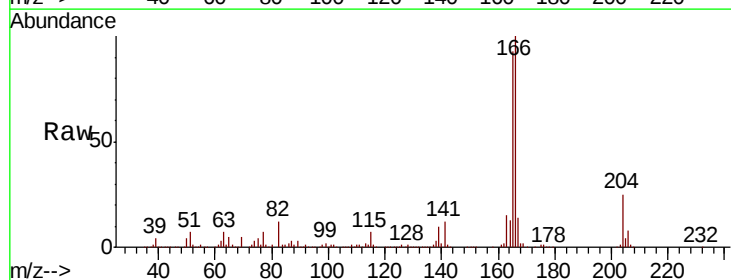


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

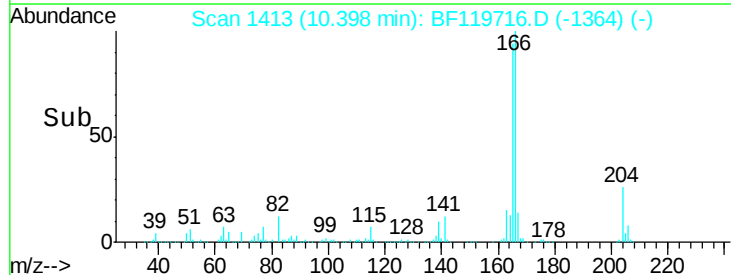
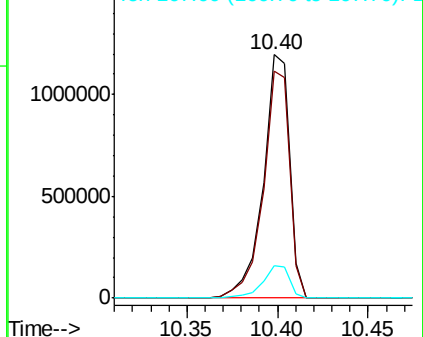


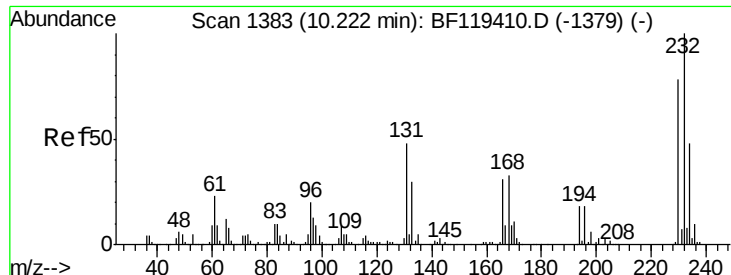
#58
Fluorene
Concen: 41.059 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:166	Resp:	1212348
Ion	Ratio	Lower Upper
166	100	
165	93.4	75.4 113.2
167	13.6	11.2 16.8



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

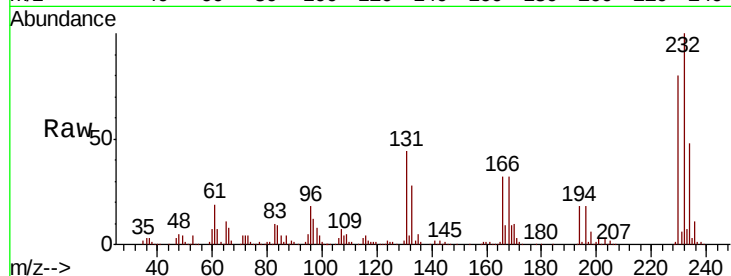




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.351 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.5	56.3
130	2.2	1.8	2.6
166	31.3	24.6	36.8



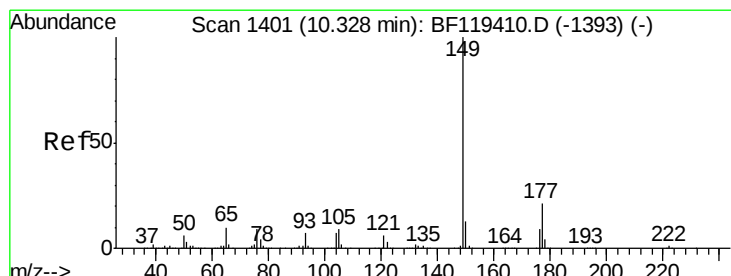
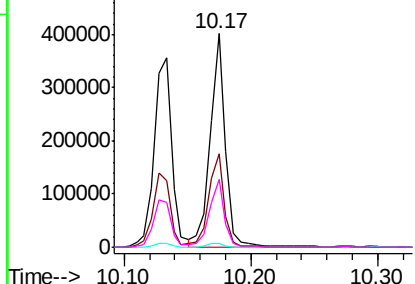
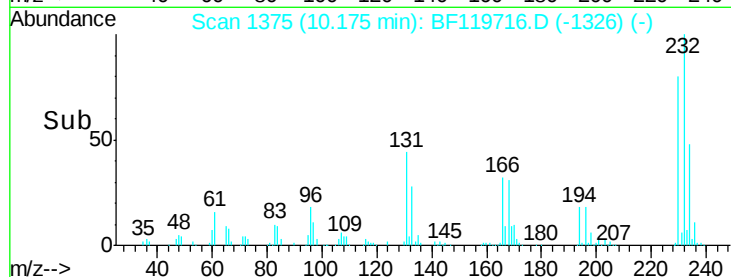
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

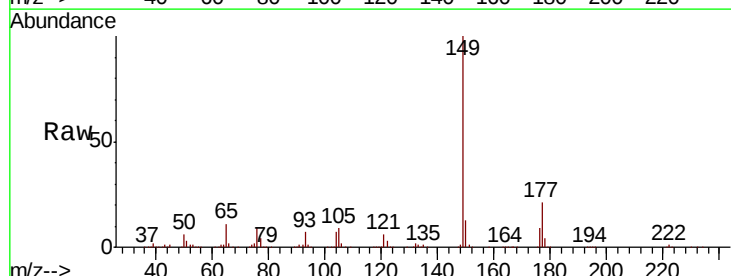
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.770 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.7	10.1	15.1

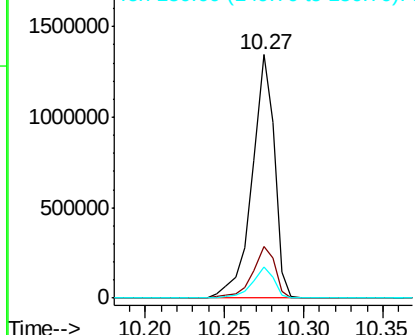
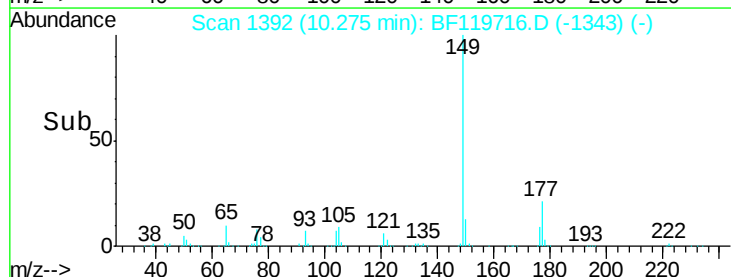


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

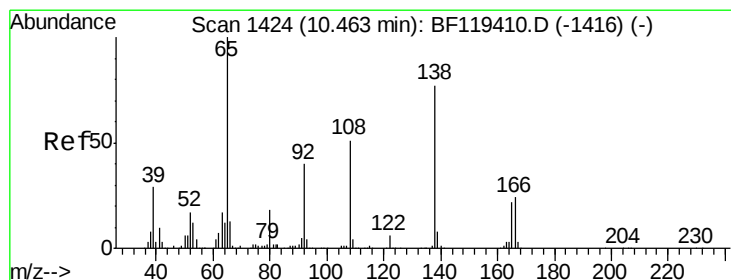
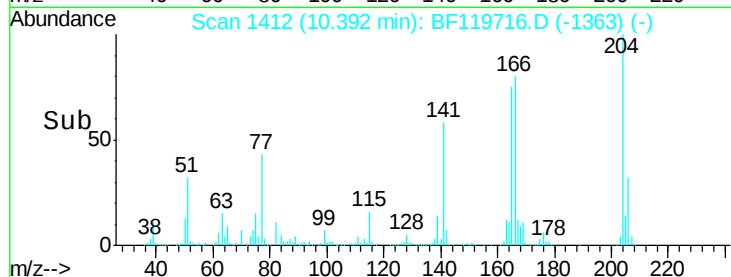
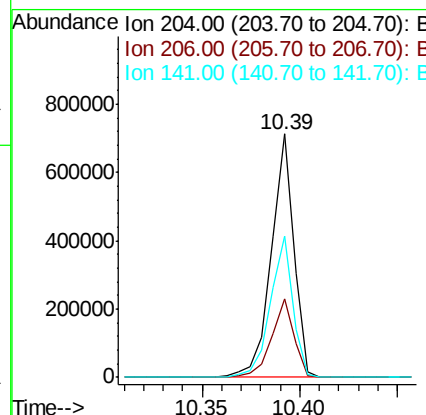
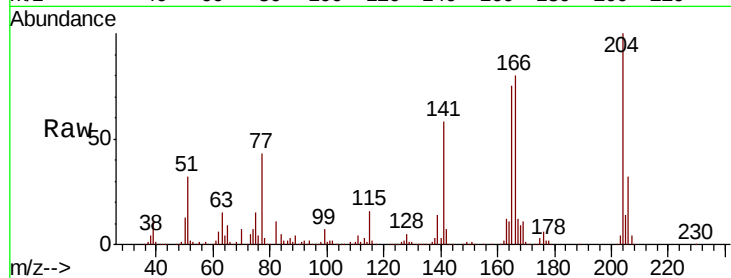




#61
 4-Chlorophenyl-phenylether
 Concen: 39.548 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

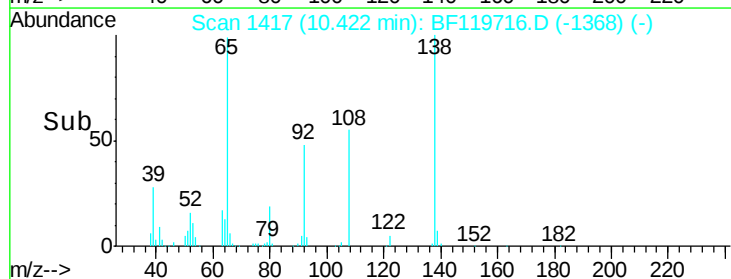
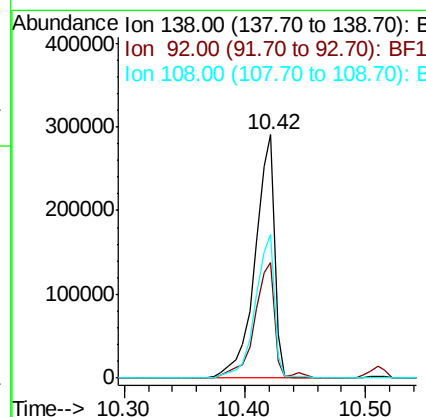
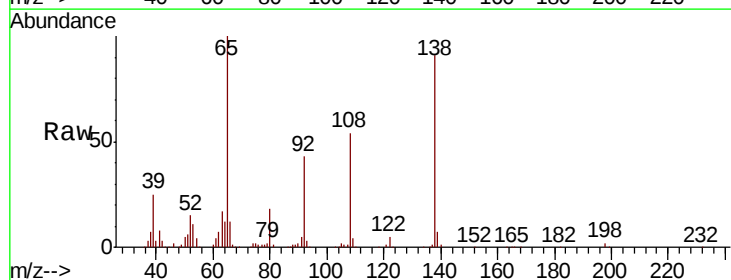
Instrument :
 BNA_F
 ClientSampleID :
 PB127964BS

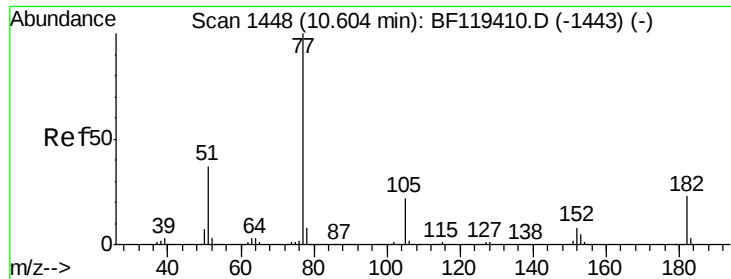
Tot Ion:204 Resp: 571037
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.7 40.1
 141 58.0 47.3 70.9



#62
 4-Nitroaniline
 Concen: 39.896 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:138 Resp: 327894
 Ion Ratio Lower Upper
 138 100
 92 47.7 31.5 71.5
 108 59.2 45.8 85.8





#63

Azobenzene

Concen: 38.789 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion: 77 Resp: 1255645

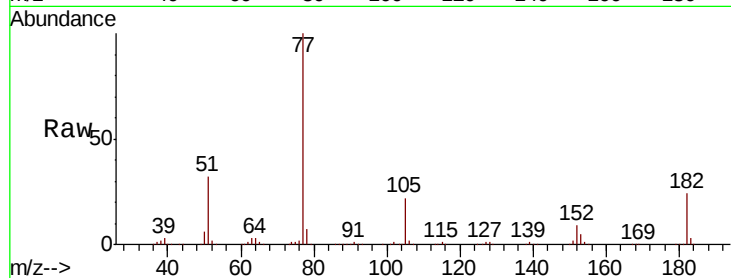
Ion Ratio Lower Upper

77 100

182 23.9 4.4 44.4

105 22.4 2.6 42.6

51 31.9 15.1 55.1

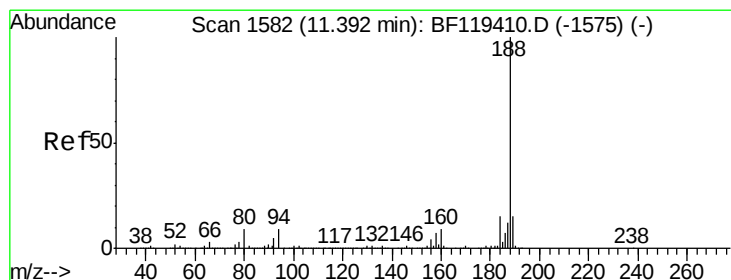
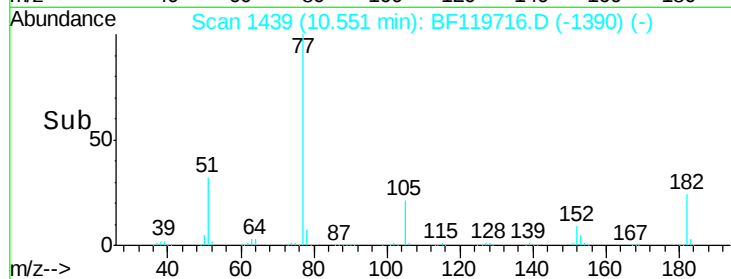
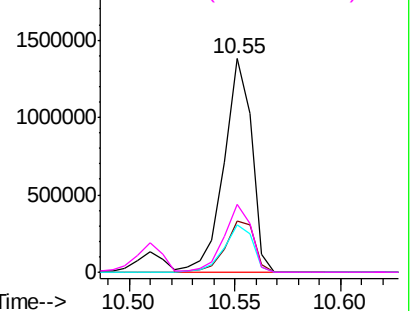


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

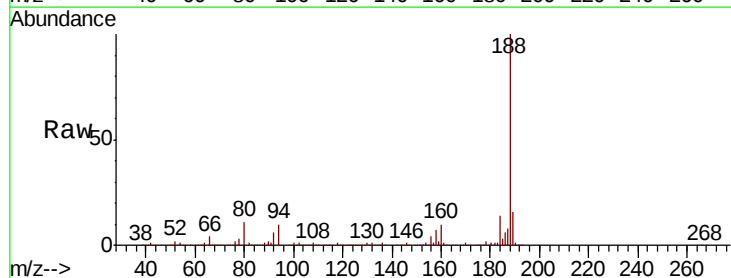
Tgt Ion: 188 Resp: 854107

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

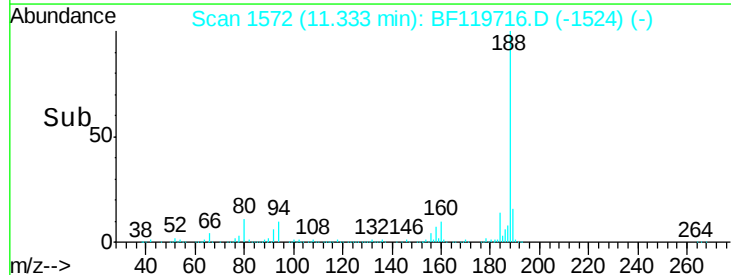
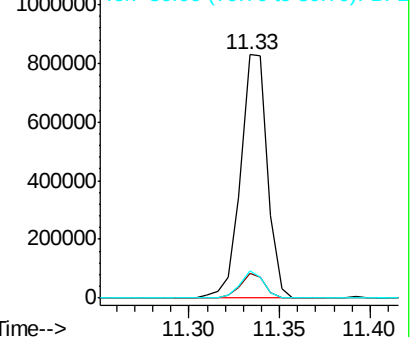
80 11.0 9.0 13.4



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: 63.420 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

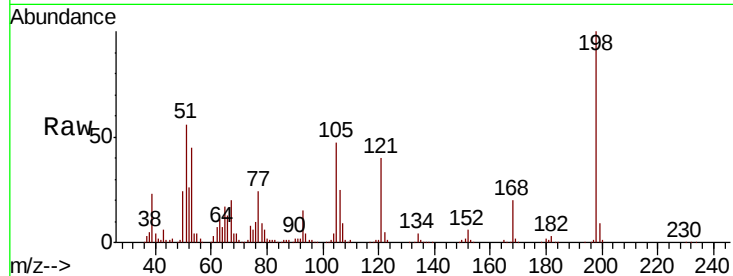
Tot Ion:198 Resp: 227138

Ion Ratio Lower Upper

198 100

51 56.5 29.0 69.0

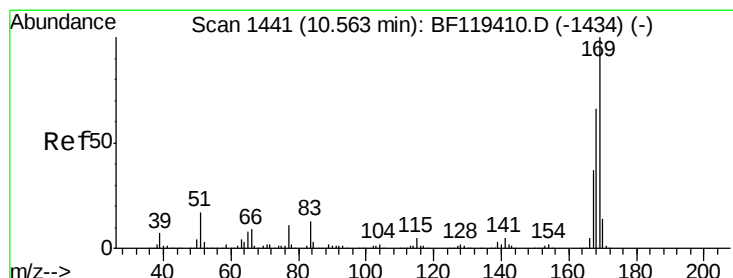
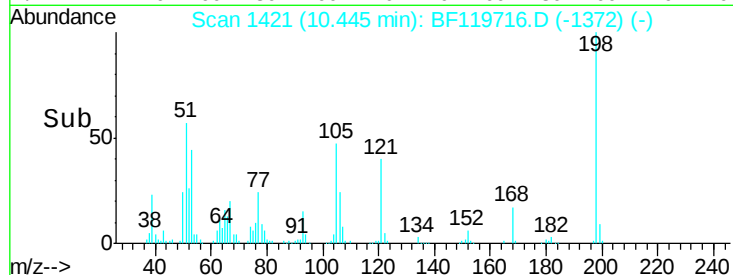
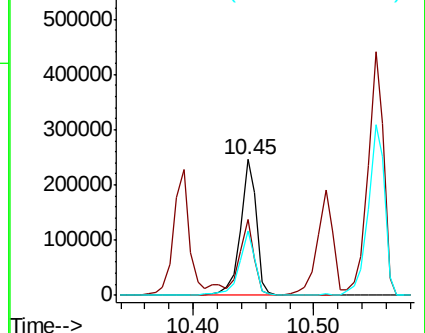
105 47.3 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.206 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

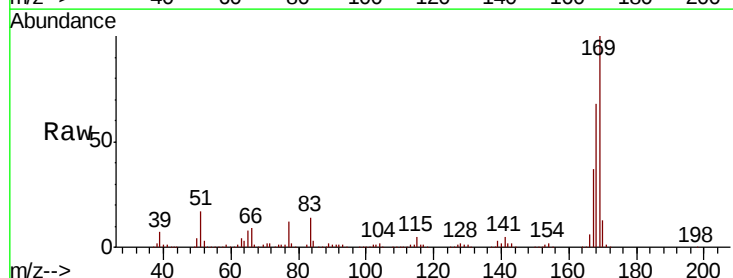
Tgt Ion:169 Resp: 1127331

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

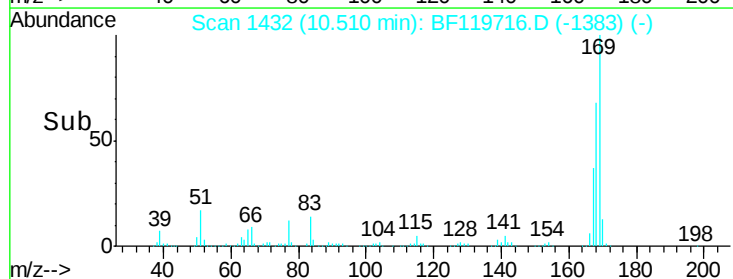
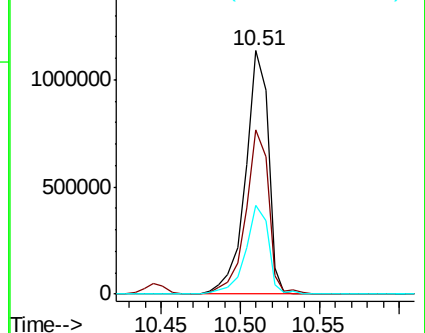
167 36.5 29.1 43.7

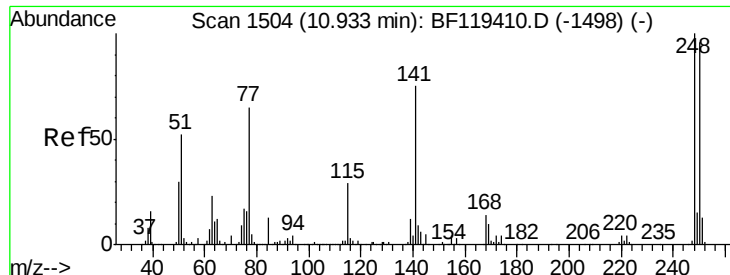


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

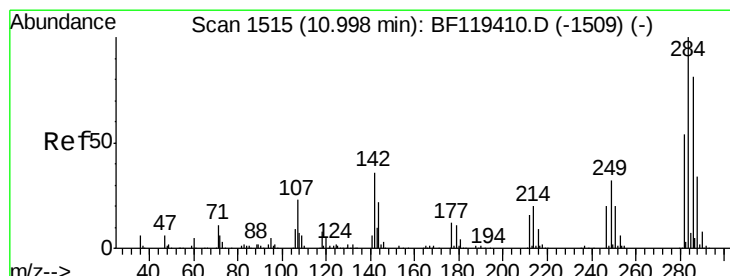
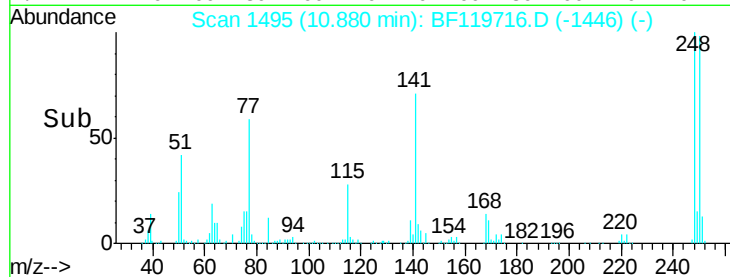
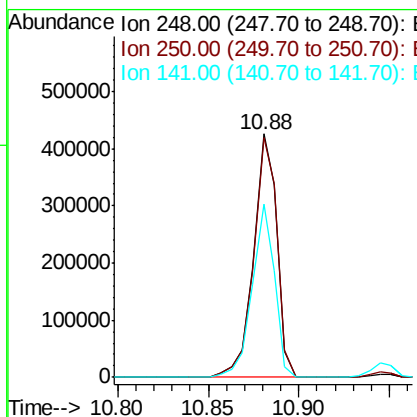
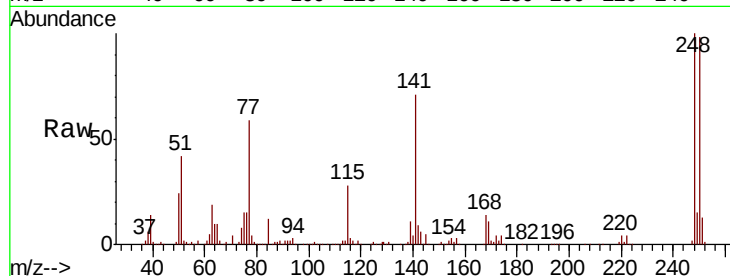




#67
 4-Bromophenyl-phenylether
 Concen: 39.063 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

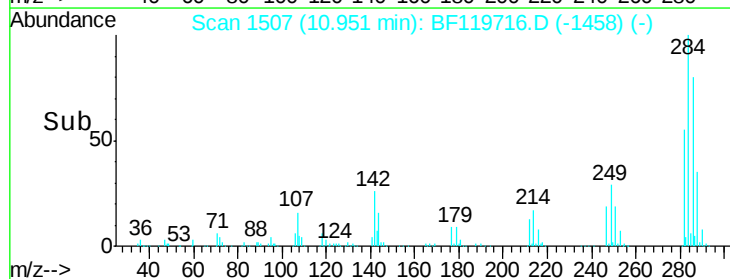
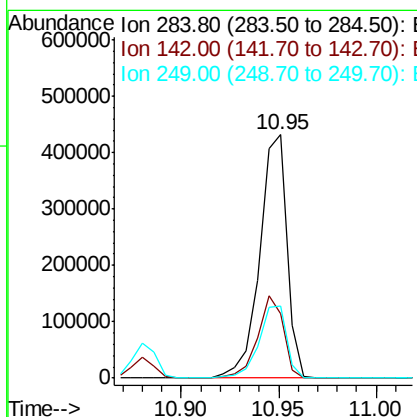
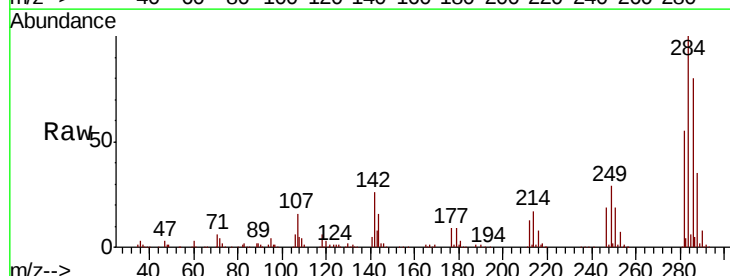
Instrument :
 BNA_F
 ClientSampleID :
 PB127964BS

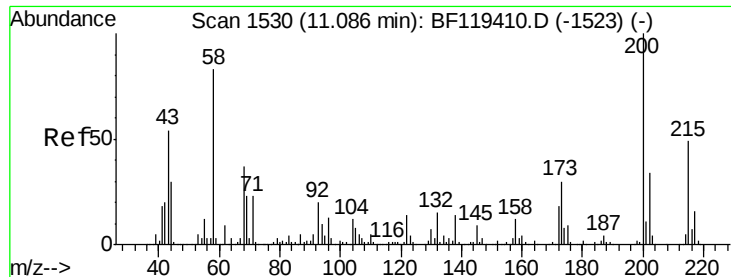
Tot Ion:	248	Resp:	379977
Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.3	115.9
141	71.2	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 42.030 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:	284	Resp:	418430
Ion	Ratio	Lower	Upper
284	100		
142	26.3	29.2	43.8#
249	29.4	25.1	37.7

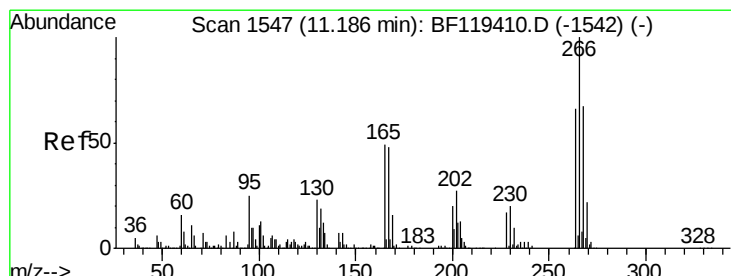
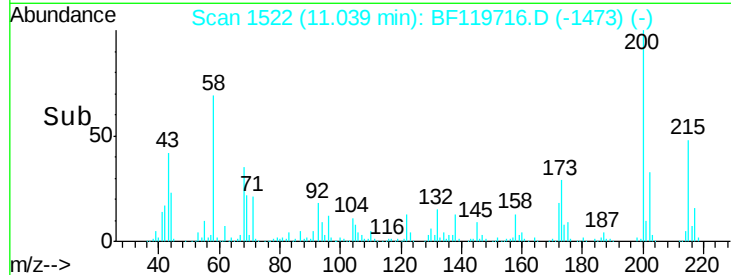
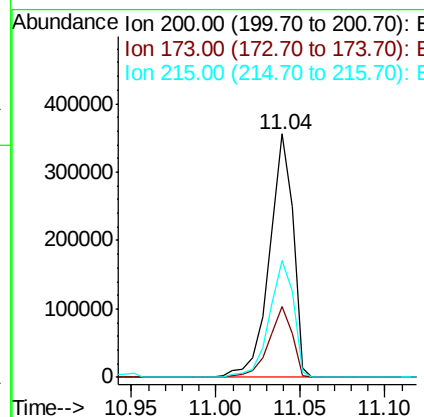
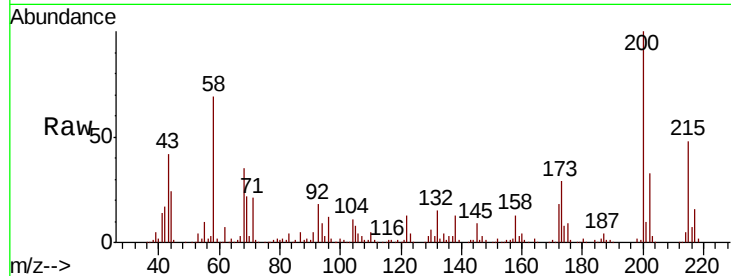




#69
 Atrazine
 Concen: 44.846 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

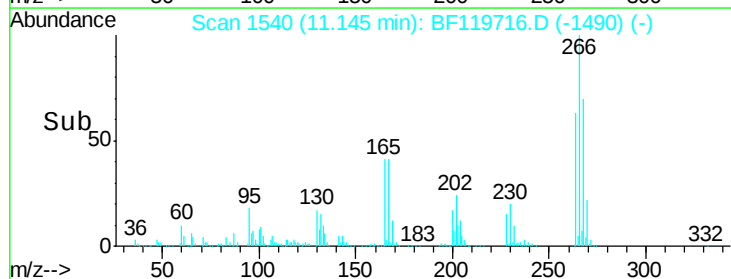
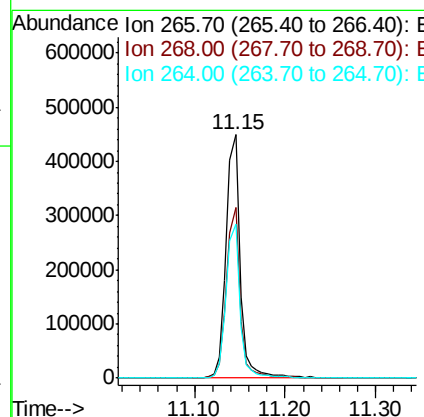
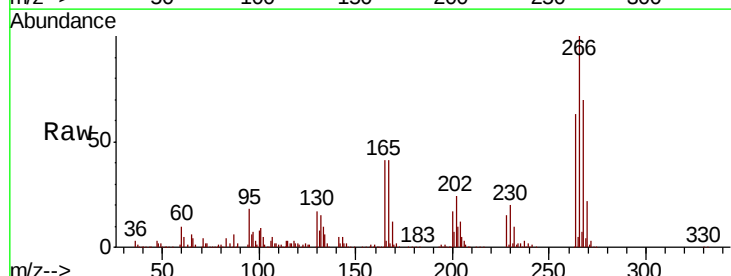
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

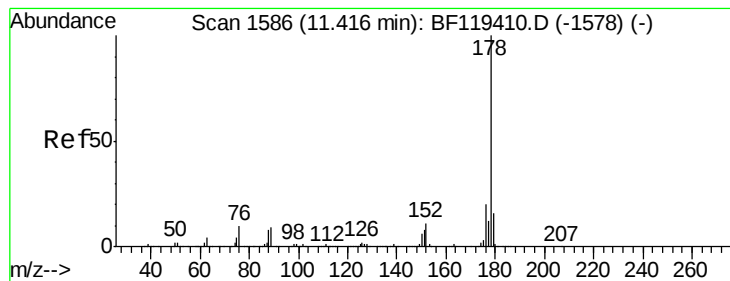
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	9.3	49.3
215	48.0	29.5	69.5



#70
 Pentachlorophenol
 Concen: 82.636 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.0	53.3	79.9
264	63.5	49.0	73.4





#71

Phenanthrene

Concen: 40.162 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

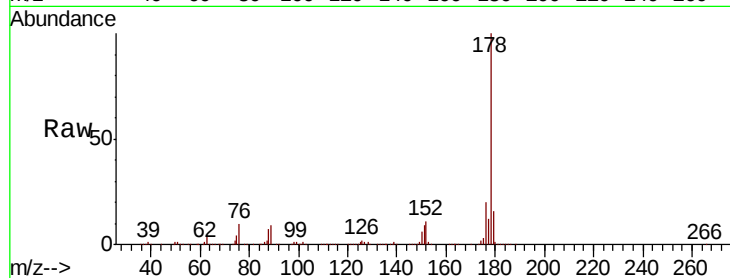
Tot Ion:178 Resp: 1778702

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

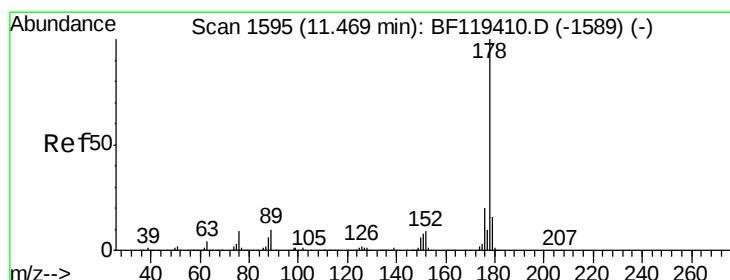
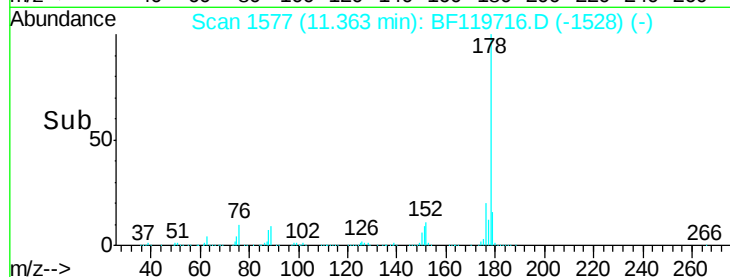
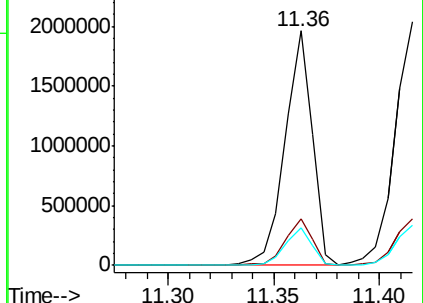
179 16.3 13.2 19.8



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: 41.085 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

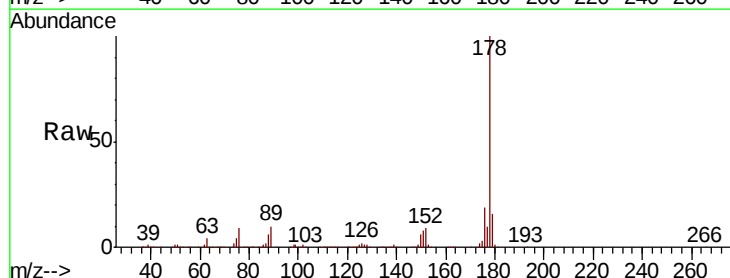
Tgt Ion:178 Resp: 1849287

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

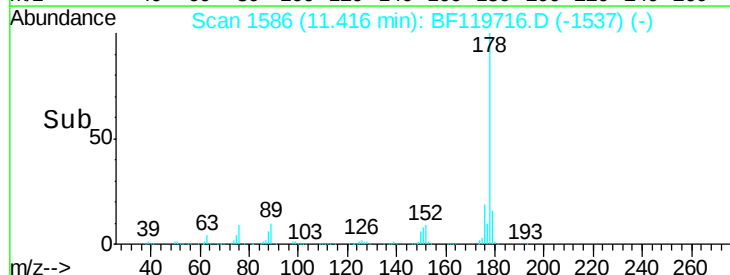
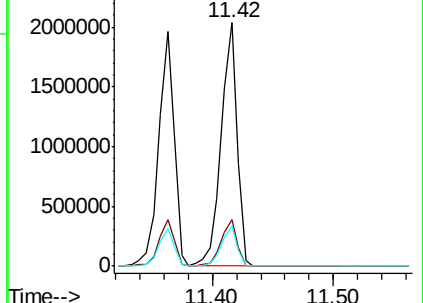
179 16.3 13.0 19.4

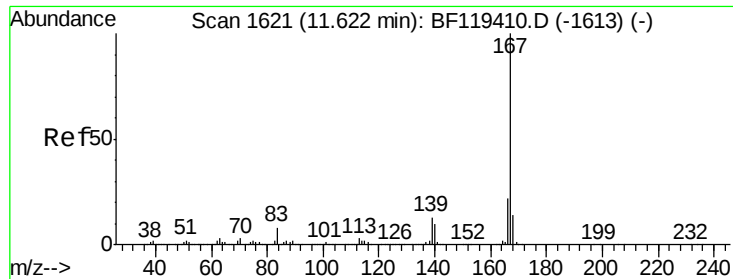


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

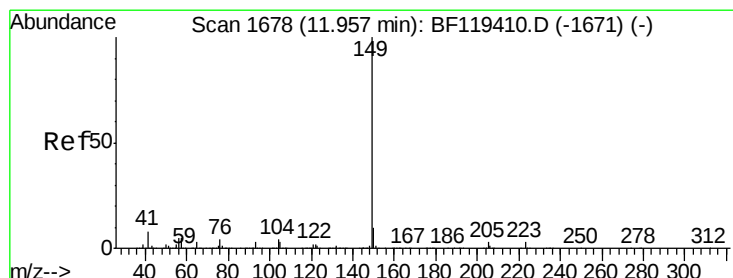
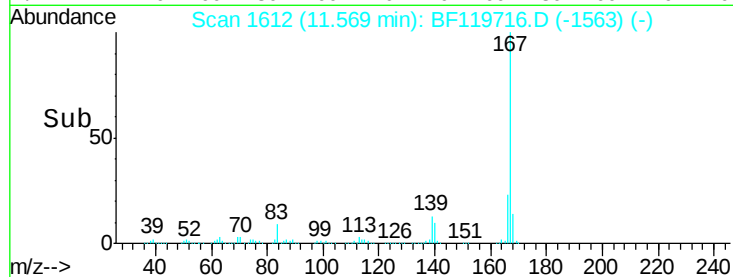
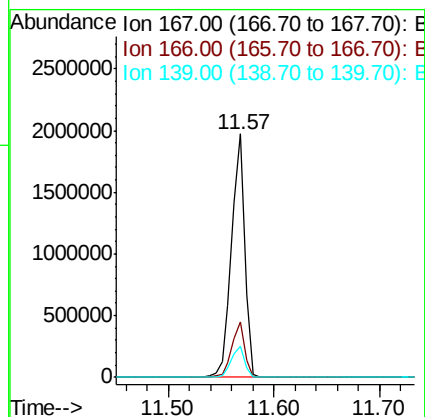
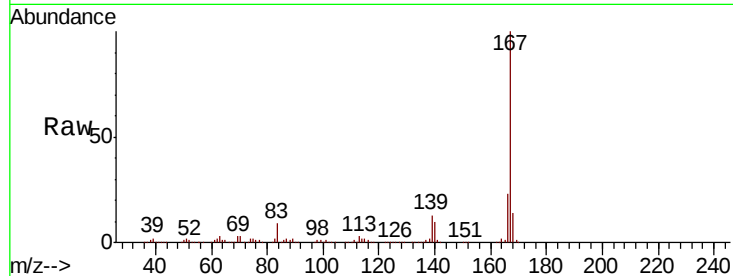




#73
 Carbazole
 Concen: 38.617 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

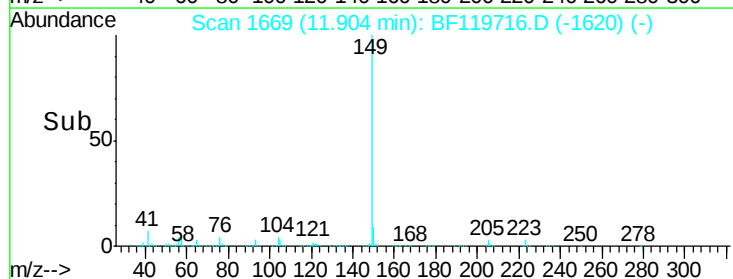
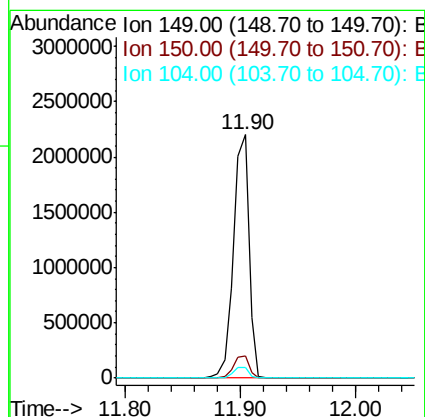
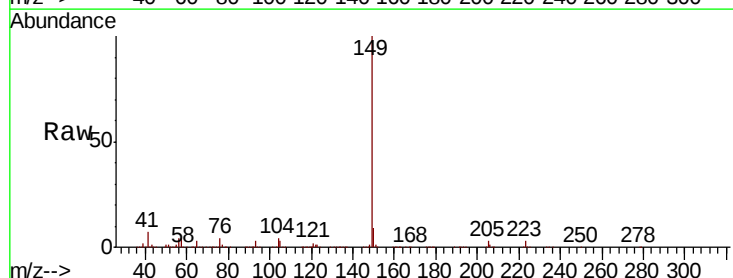
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

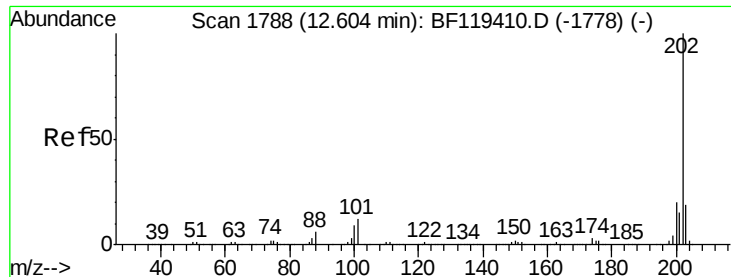
Tot Ion:167 Resp: 1720504
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.041 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:149 Resp: 2051298
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 41.383 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampled :

PB127964BS

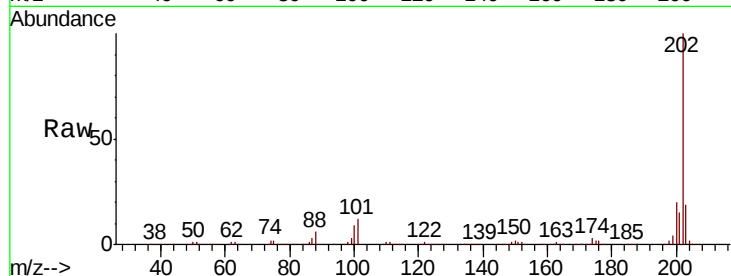
Tot Ion:202 Resp: 1983492

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.2

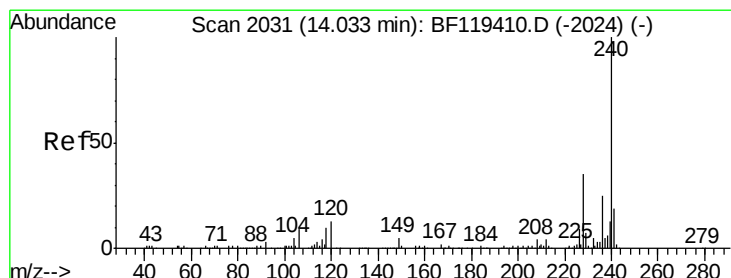
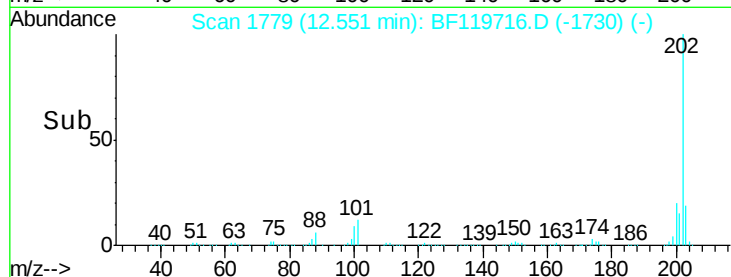
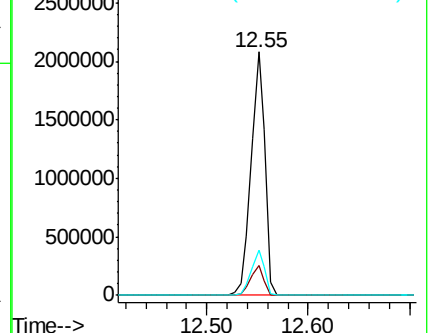
203 18.6 0.0 38.8



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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

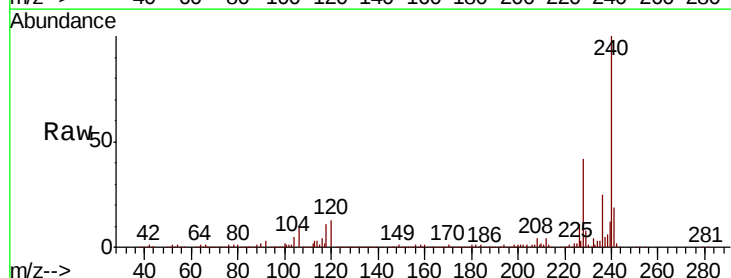
Tgt Ion:240 Resp: 645738

Ion Ratio Lower Upper

240 100

120 12.7 10.6 15.8

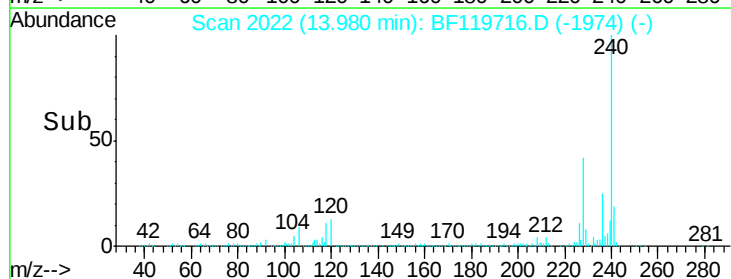
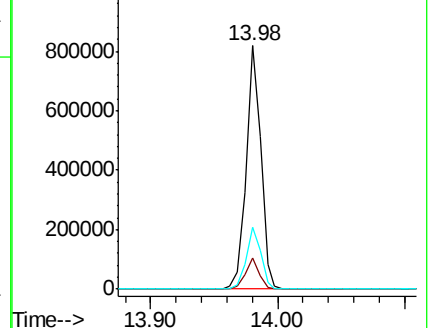
236 25.4 20.2 30.2

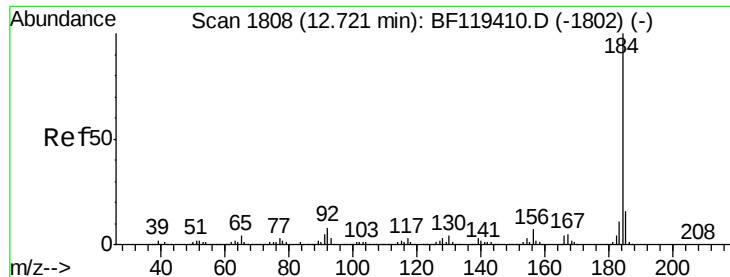


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.534 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

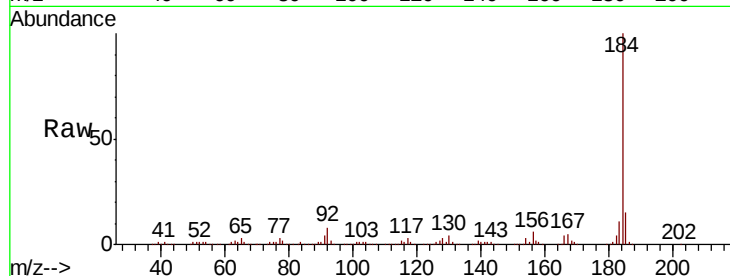
Tot Ion:184 Resp: 1053045

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

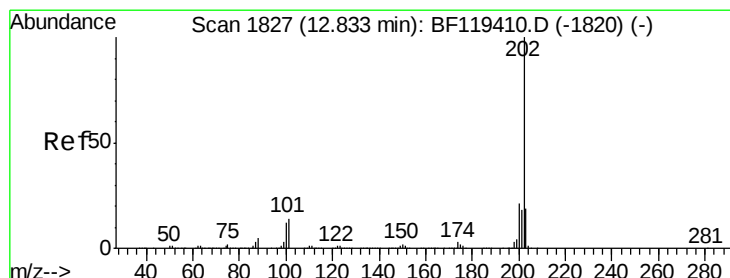
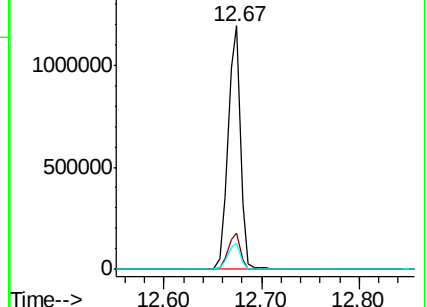
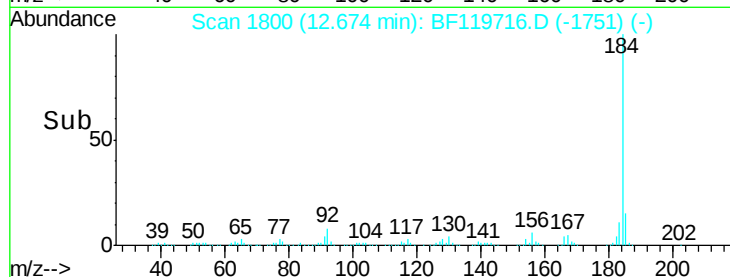
183 10.7 9.0 13.6



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: 37.926 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

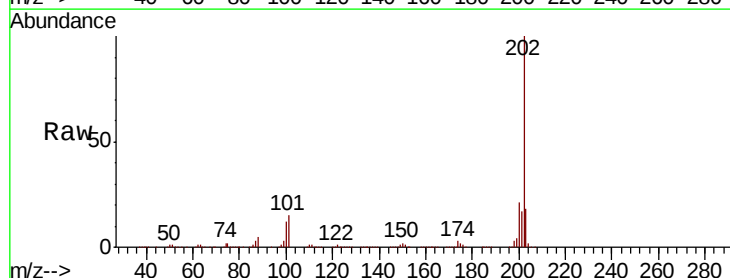
Tgt Ion:202 Resp: 2009895

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

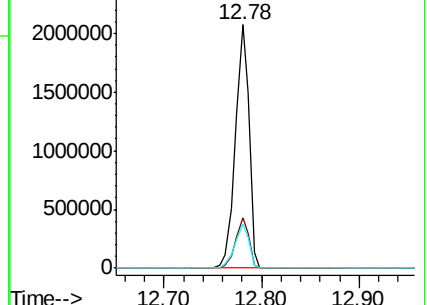
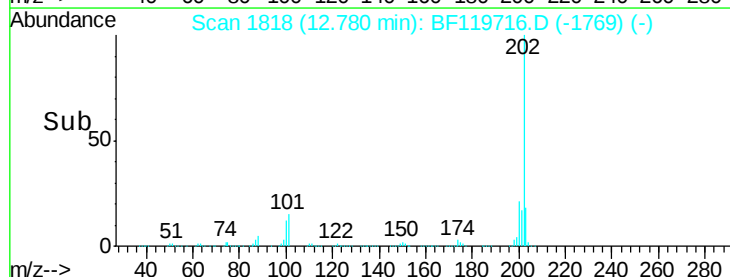
203 18.3 15.1 22.7



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: 79.712 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

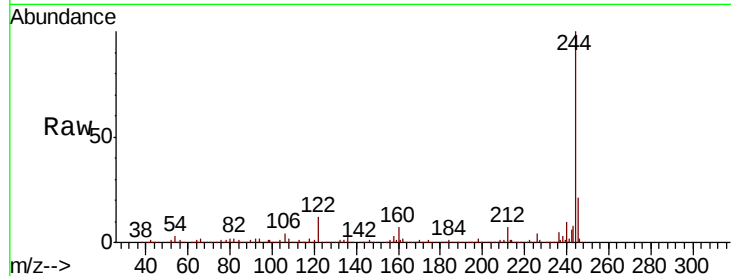
Tot Ion:244 Resp: 2627231

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

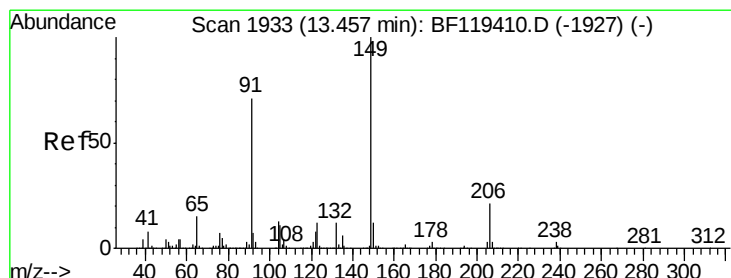
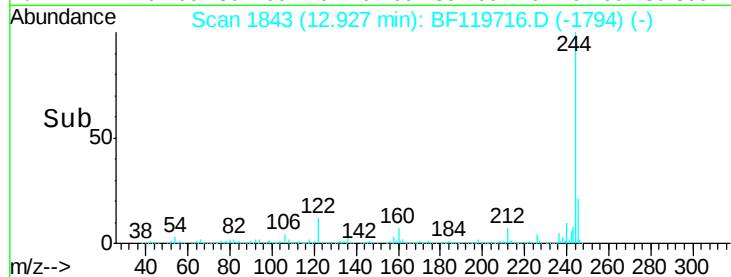
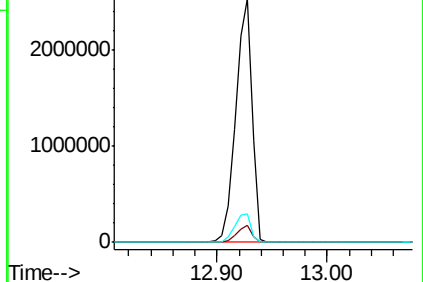
122 11.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.986 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

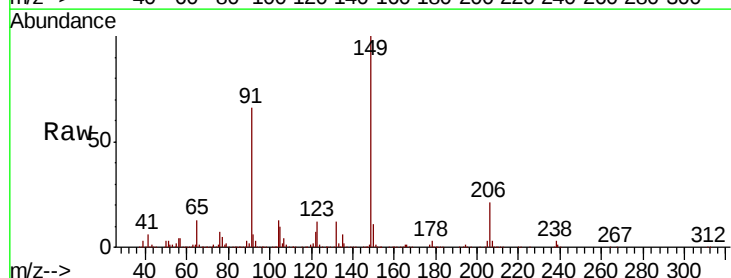
Tgt Ion:149 Resp: 878500

Ion Ratio Lower Upper

149 100

91 66.0 54.7 82.1

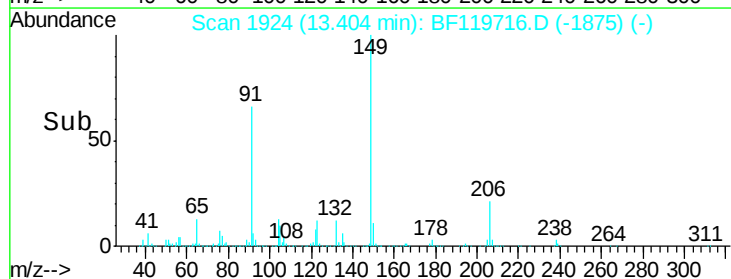
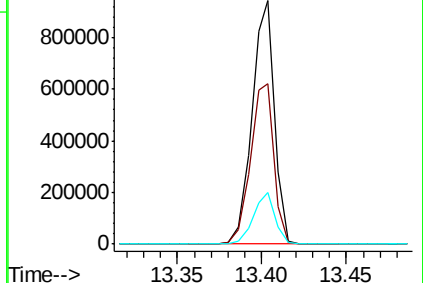
206 21.4 16.2 24.2



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

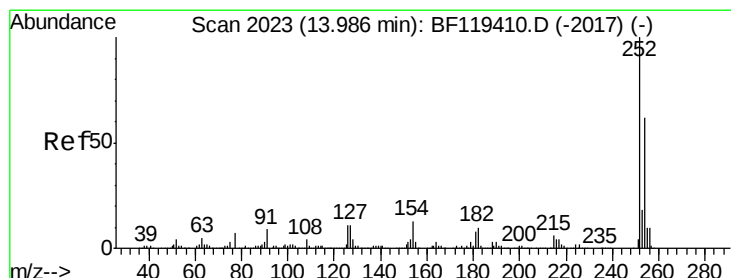
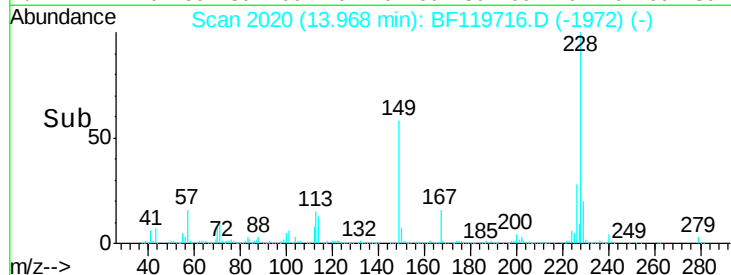
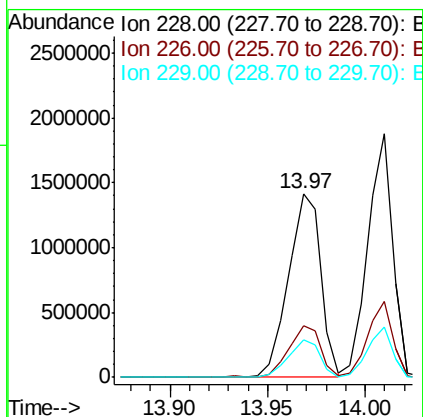
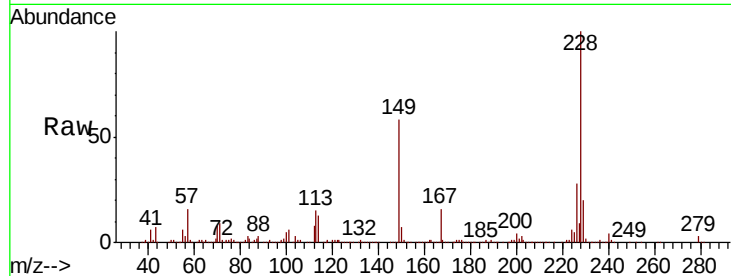




#81
Benzo(a)anthracene
Concen: 38.500 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

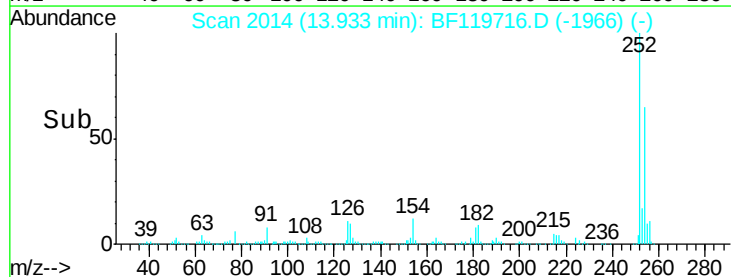
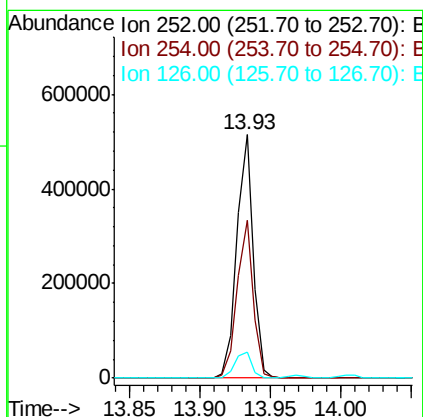
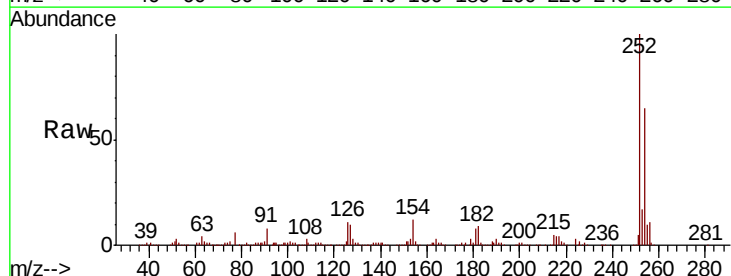
Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:228 Resp: 1616651
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 25.094 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:252 Resp: 415476
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 10.7 9.6 14.4

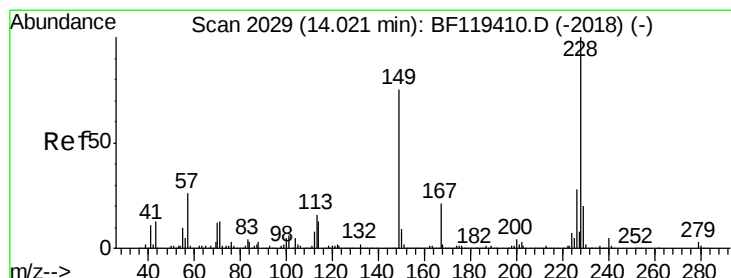
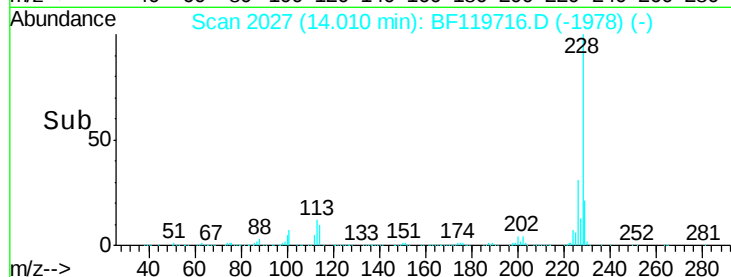
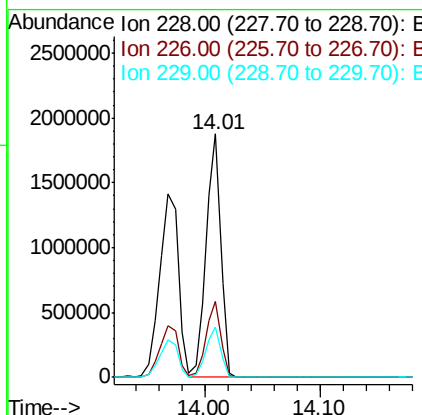
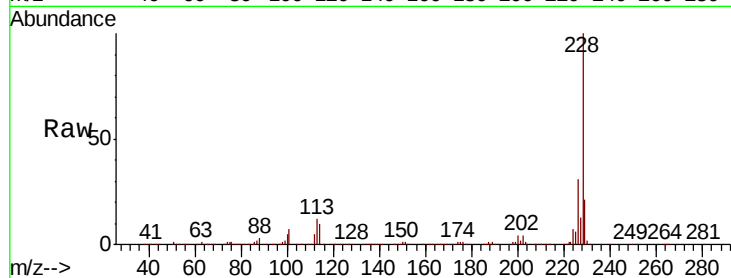




#83
 Chrvsene
 Concen: 38.446 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

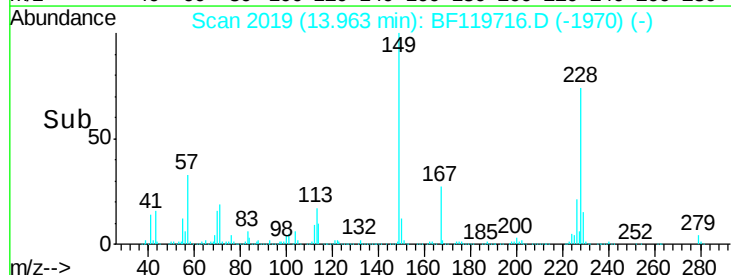
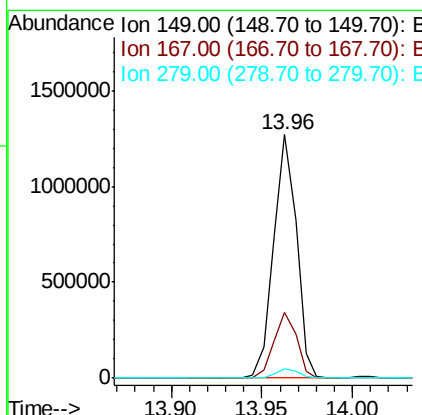
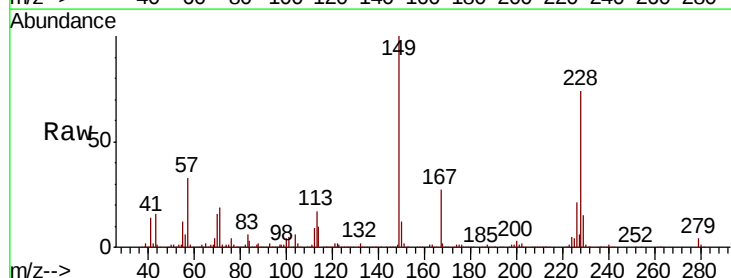
Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

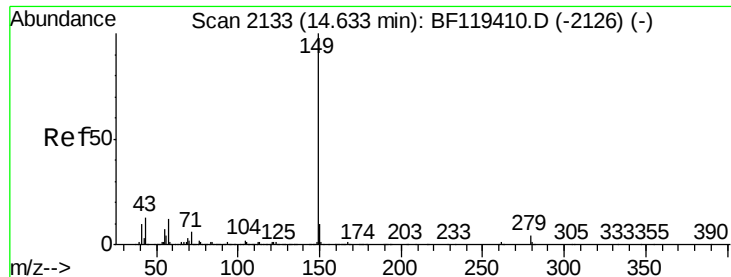
Tot Ion:228 Resp: 1666135
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.5 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.662 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:149 Resp: 1115609
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 45.175 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

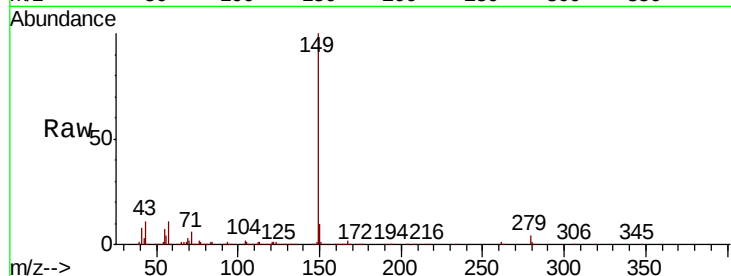
Tot Ion:149 Resp: 2030025

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

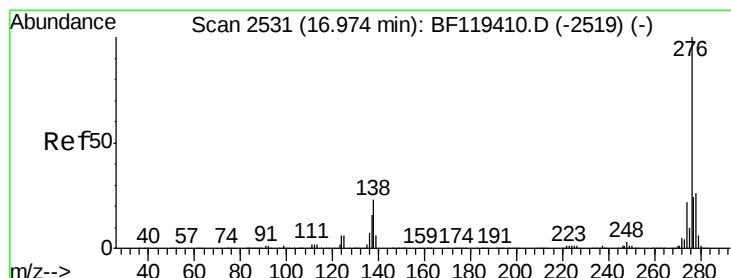
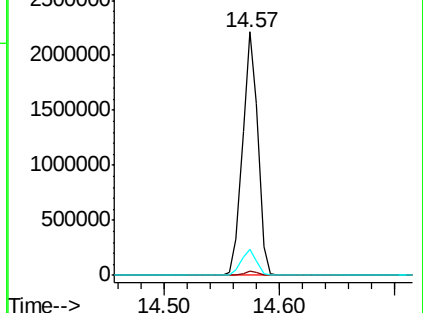
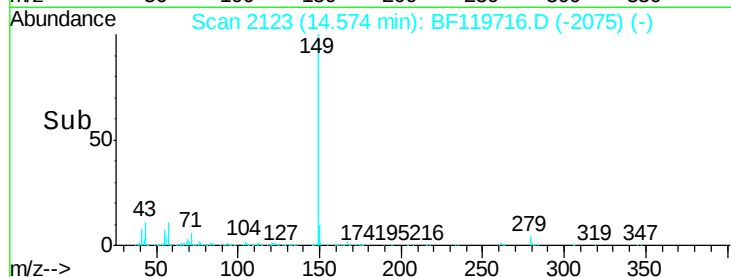
43 10.5 9.3 13.9



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: 39.741 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

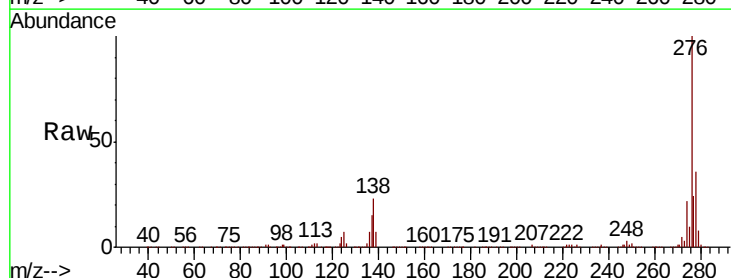
Tgt Ion:276 Resp: 1622023

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

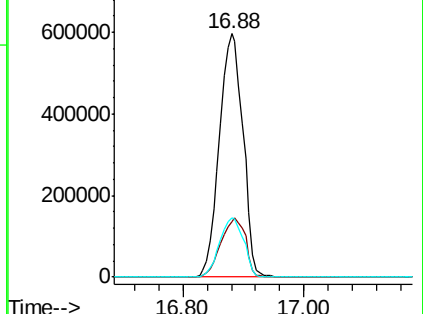
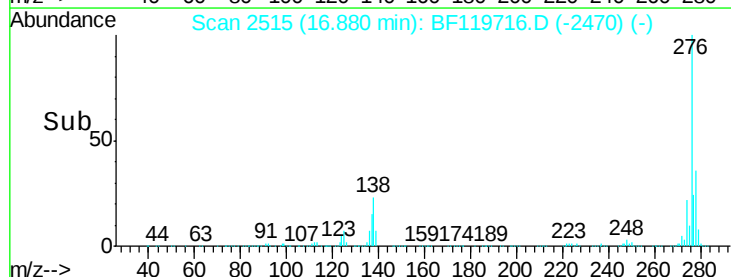
277 25.0 20.0 30.0

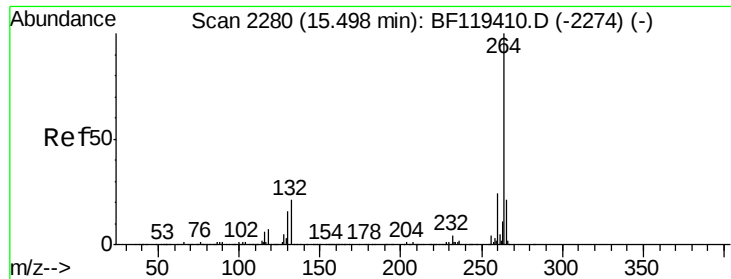


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

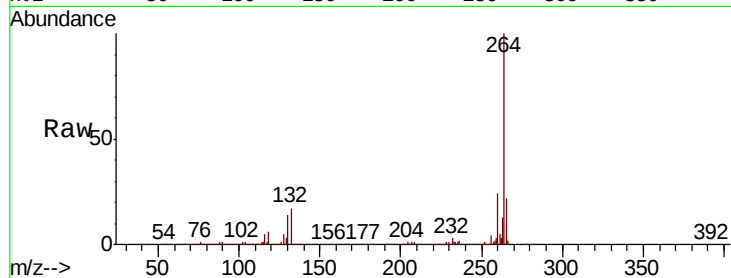
Tot Ion:264 Resp: 644690

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

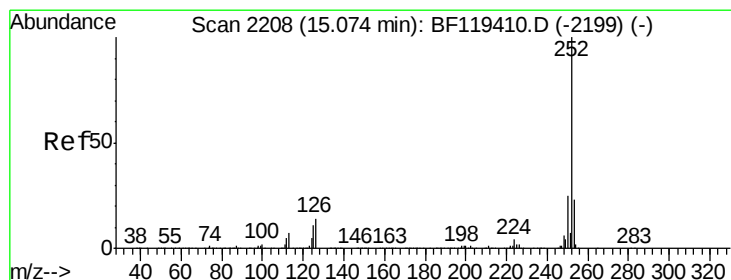
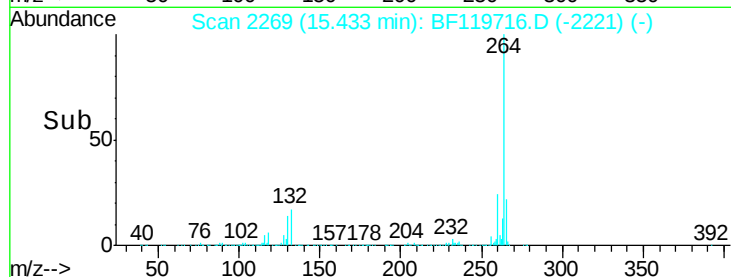
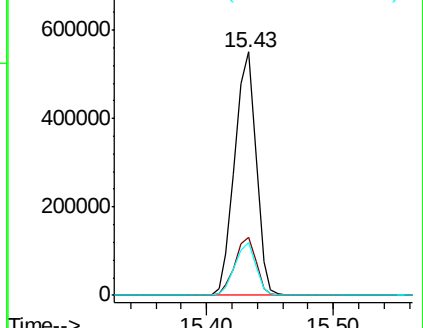
265 21.7 17.7 26.5



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: 41.372 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

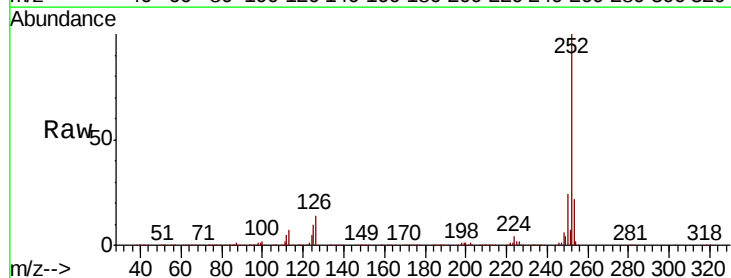
Tgt Ion:252 Resp: 1781703

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

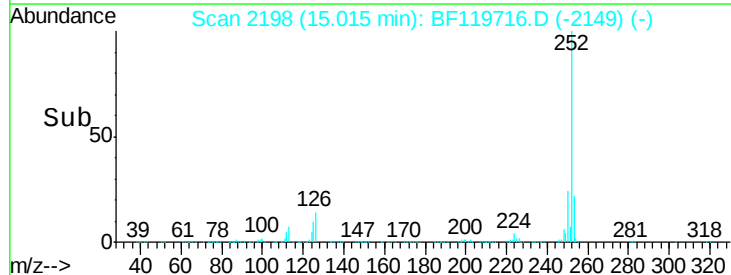
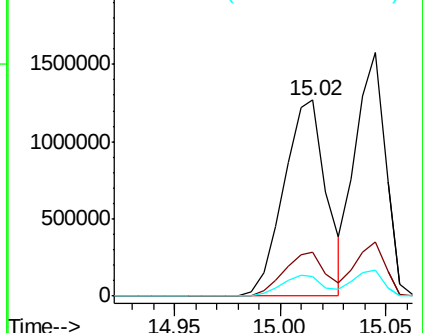
125 9.7 7.9 11.9

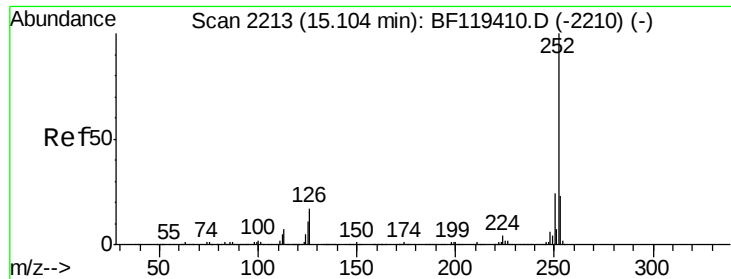


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

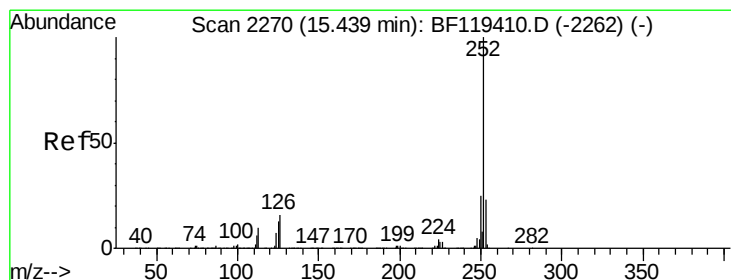
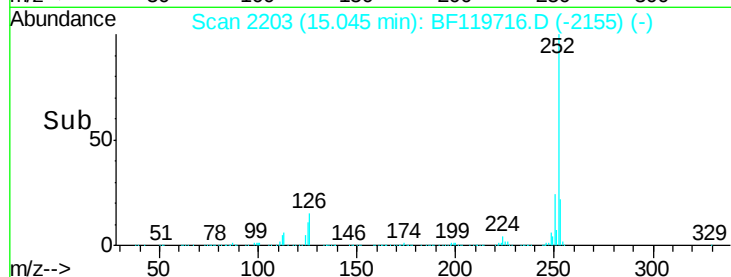
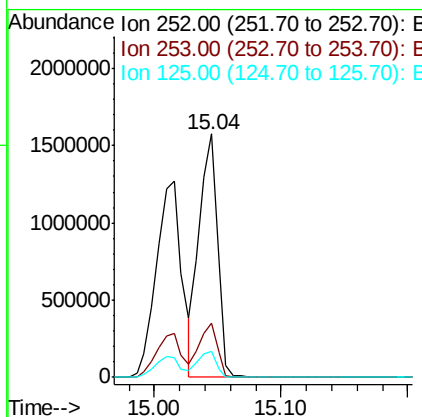
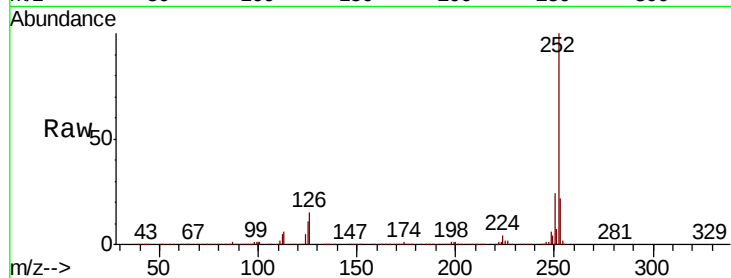




#89
Benzo(k)fluoranthene
Concen: 38.610 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

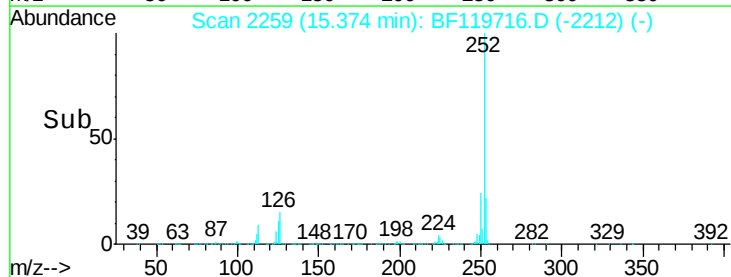
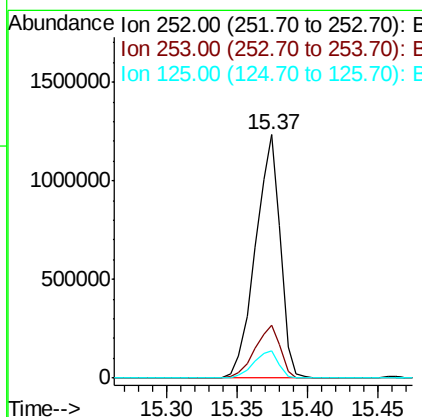
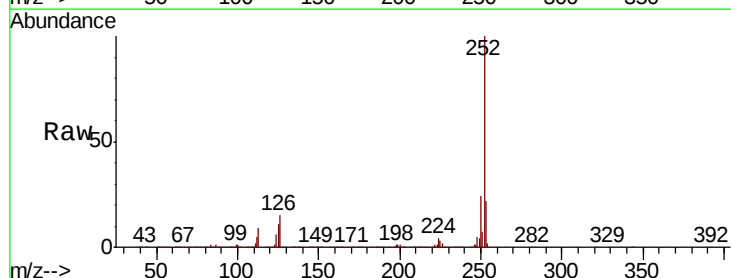
Instrument :
BNA_F
ClientSampleId :
PB127964BS

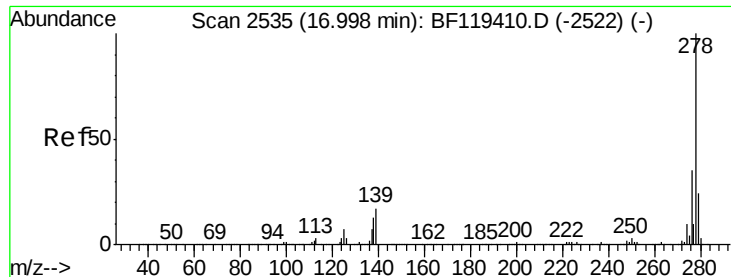
Tot Ion:252 Resp: 1583279
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.060 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:252 Resp: 1528708
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 39.167 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

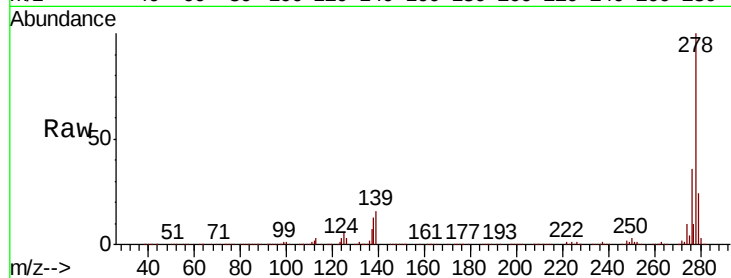
BNA_F

ClientSampleId :

PB127964BS

Tot Ion:278 Resp: 1340751

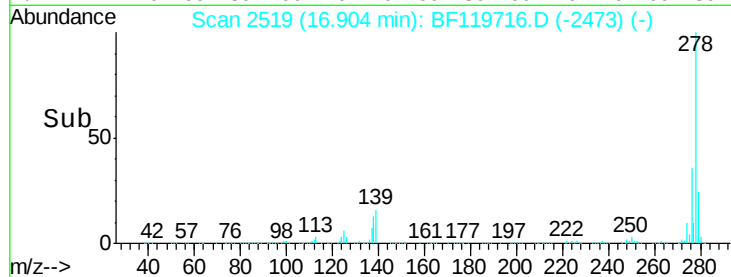
Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	24.2	19.0	28.6



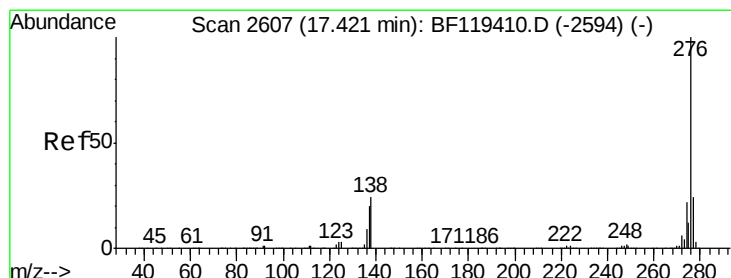
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 38.249 ng

RT: 17.32 min Scan# 2590

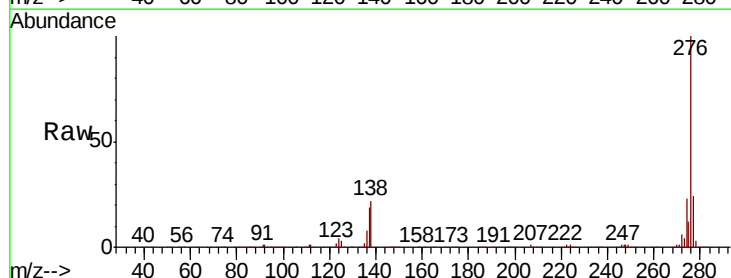
Delta R.T. -0.04 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:276 Resp: 1315390

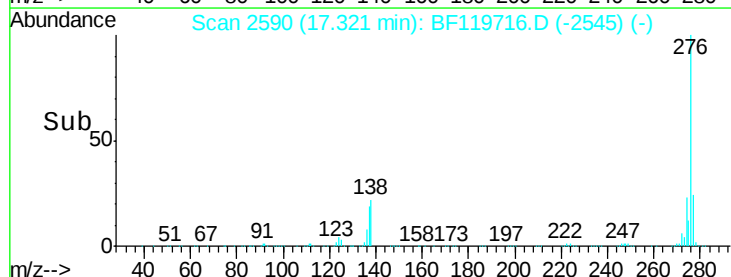
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	21.6	15.4	23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->