

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119571.D
 Acq On : 27 Mar 2020 17:05
 Operator : CG/JU
 Sample : PB127859BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Quant Time: Mar 28 00:52:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234070	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	921649	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	494148	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	959568	20.00	ng	0.00
76) Chrysene-d12	14.01	240	681251	20.00	ng	0.00
87) Perylene-d12	15.47	264	598958	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1153306	78.44	ng	0.01
7) Phenol-d6	6.46	99	1487537	79.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	1404241	82.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	464343	91.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2586429	77.54	ng	0.00
79) Terphenyl-d14	12.96	244	2970920	85.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	280436	38.62	ng	99
3) Pyridine	3.39	79	688700	34.42	ng	95
4) n-Nitrosodimethylamine	3.34	42	406249	41.64	ng	94
6) Aniline	6.49	93	782701	30.19	ng	99
8) 2-Chlorophenol	6.62	128	679543	44.00	ng	99
9) Benzaldehyde	6.38	77	454006	38.10	ng	96
10) Phenol	6.47	94	877868	43.80	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	645983	40.30	ng	97
12) 1,3-Dichlorobenzene	6.77	146	683798	40.91	ng	96
13) 1,4-Dichlorobenzene	6.85	146	696098	41.64	ng	99
14) 1,2-Dichlorobenzene	7.00	146	652190	41.74	ng	98
15) Benzyl Alcohol	6.97	79	587927	41.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1231041	38.07	ng	99
17) 2-Methylphenol	7.09	107	550148	38.88	ng	98
18) Hexachloroethane	7.35	117	286638	46.78	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	473614	41.83	ng	97
20) 3+4-Methylphenols	7.23	107	690639	39.83	ng	94
22) Acetophenone	7.25	105	894097	40.60	ng	# 99
24) Nitrobenzene	7.42	77	751150	41.45	ng	98
25) Isophorone	7.66	82	1325881	38.54	ng	99
26) 2-Nitrophenol	7.73	139	364602	51.09	ng	90
27) 2,4-Dimethylphenol	7.77	122	634646	43.01	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	835531	41.07	ng	100
29) 2,4-Dichlorophenol	7.97	162	569611	42.01	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	599864	40.01	ng	98
31) Naphthalene	8.14	128	1915812	40.39	ng	99
32) Benzoic acid	7.89	122	454177	47.85	ng	97
33) 4-Chloroaniline	8.19	127	473060	21.77	ng	98
34) Hexachlorobutadiene	8.26	225	341672	40.73	ng	99
35) Caprolactam	8.56	113	106957	24.11	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	628999	42.45	ng	96
37) 2-Methylnaphthalene	8.83	142	1322336	42.48	ng	99
38) 1-Methylnaphthalene	8.93	142	1248158	42.36	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	575011	39.70	ng	99

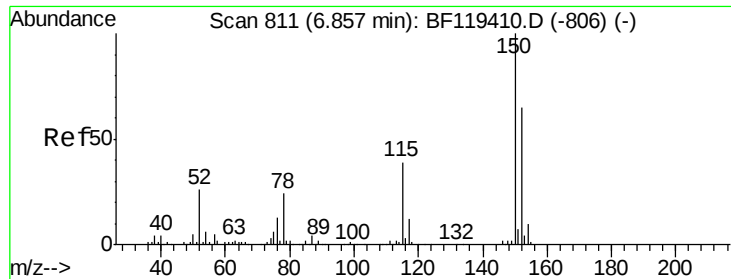
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	709708	86.19	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	434730	41.94	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	447544	38.54	ng	96
46) 1,1'-Biphenyl	9.30	154	1589903	39.50	ng	99
47) 2-Chloronaphthalene	9.32	162	1245975	39.52	ng	100
48) 2-Nitroaniline	9.42	65	456538	41.96	ng	100
49) Acenaphthylene	9.74	152	2008251	40.57	ng	98
50) Dimethylphthalate	9.60	163	1459719	41.59	ng	99
51) 2,6-Dinitrotoluene	9.66	165	333433	44.32	ng	97
52) Acenaphthene	9.92	154	1338009	43.35	ng	99
53) 3-Nitroaniline	9.83	138	254190	26.76	ng	94
54) 2,4-Dinitrophenol	9.93	184	304507	92.31	ng	91
55) Dibenzofuran	10.09	168	1799100	40.66	ng	99
56) 4-Nitrophenol	9.99	139	575457	76.80	ng	90
57) 2,4-Dinitrotoluene	10.06	165	445904	47.05	ng	99
58) Fluorene	10.43	166	1367726	41.80	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	375237	43.23	ng	98
60) Diethylphthalate	10.30	149	1516836	42.58	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	675941	42.24	ng	98
62) 4-Nitroaniline	10.45	138	355318	39.01	ng	99
63) Azobenzene	10.58	77	1441440	40.18	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	208613	51.85	ng	99
66) n-Nitrosodiphenylamine	10.54	169	1266076	40.19	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	440891	40.34	ng	99
68) Hexachlorobenzene	10.97	284	472143	42.21	ng	100
69) Atrazine	11.07	200	384823	44.56	ng	99
70) Pentachlorophenol	11.17	266	523912	79.89	ng	98
71) Phenanthrene	11.39	178	1963234	39.46	ng	99
72) Anthracene	11.45	178	2066250	40.86	ng	99
73) Carbazole	11.60	167	1893299	37.83	ng	99
74) Di-n-butylphthalate	11.93	149	2373355	44.33	ng	100
75) Fluoranthene	12.58	202	2161212	40.14	ng	100
77) Benzidine	12.70	184	1041792	36.13	ng	99
78) Pyrene	12.81	202	2182809	39.04	ng	100
80) Butylbenzylphthalate	13.43	149	1004598	44.43	ng	99
81) Benzo(a)anthracene	14.00	228	1741302	39.31	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	463934	26.56	ng	98
83) Chrysene	14.04	228	1761890	38.54	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1321001	49.00	ng	98
85) Di-n-octyl phthalate	14.60	149	2317605	48.89	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1519448	35.29	ng	99
88) Benzo(b)fluoranthene	15.04	252	1740060	43.49	ng	99
89) Benzo(k)fluoranthene	15.07	252	1477886	38.79	ng	99
90) Benzo(a)pyrene	15.41	252	1407331	38.70	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1272939	40.03	ng	97
92) Benzo(g,h,i)perylene	17.38	276	1261191	39.47	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

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PB127859BS

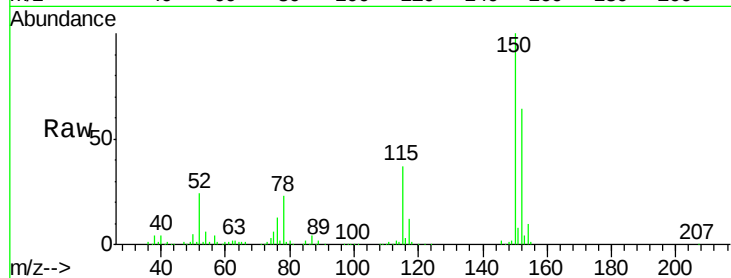
Tgt Ion:152 Resp: 234070

Ion Ratio Lower Upper

152 100

150 156.7 124.5 186.7

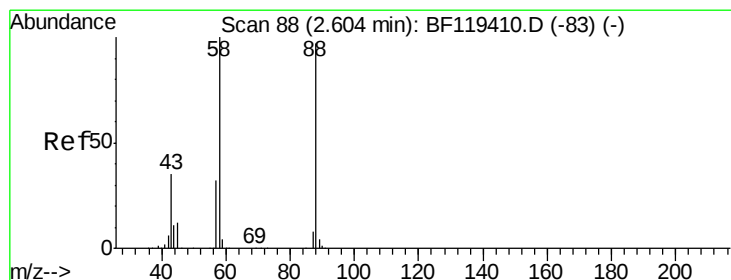
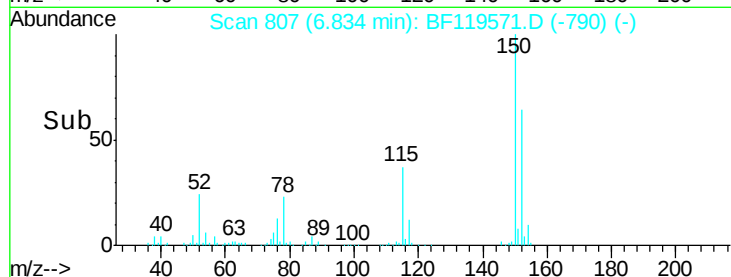
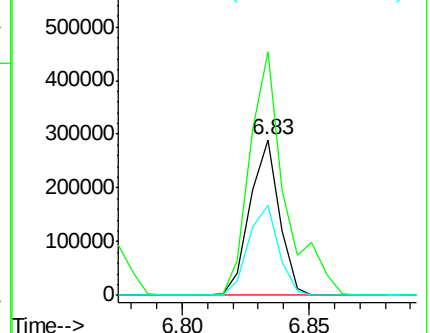
115 58.0 49.6 74.4



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



#2

1,4-Dioxane

Concen: 38.62 ng

RT: 2.66 min Scan# 98

Delta R.T. 0.10 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

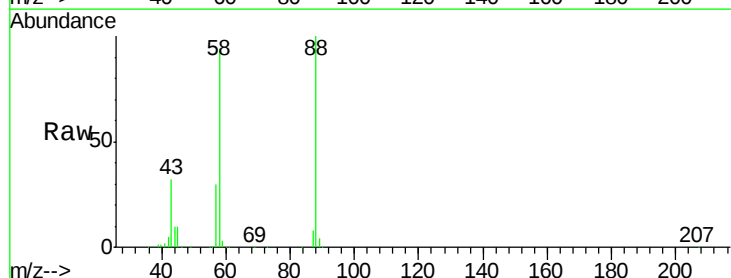
Tgt Ion: 88 Resp: 280436

Ion Ratio Lower Upper

88 100

58 99.7 80.6 121.0

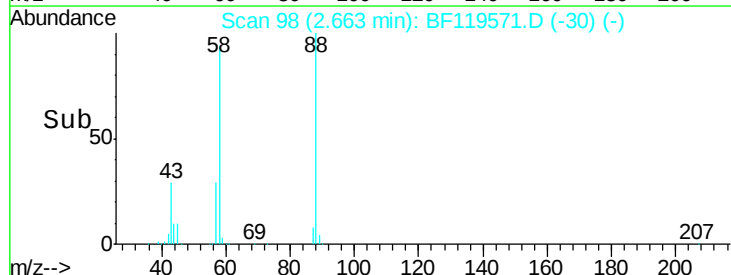
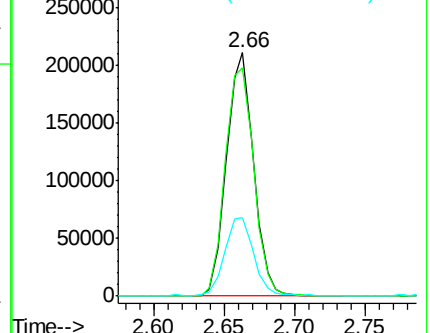
43 33.7 27.5 41.3

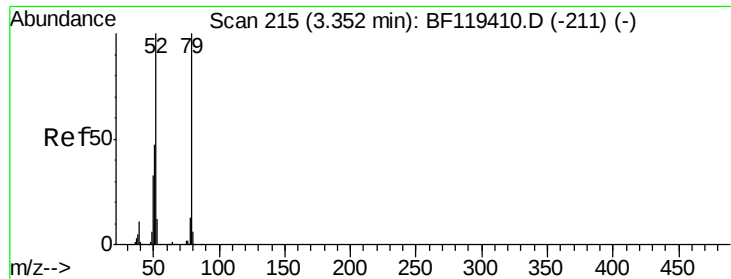


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

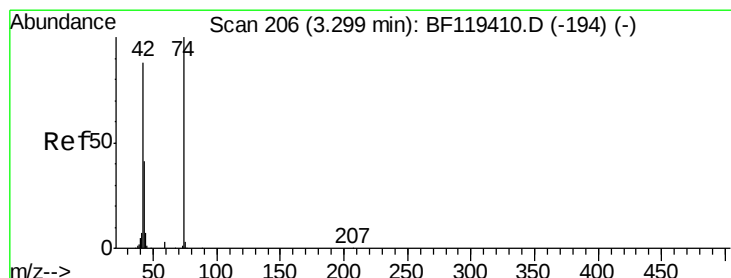
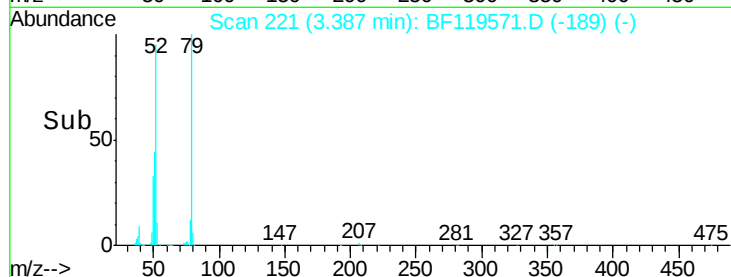
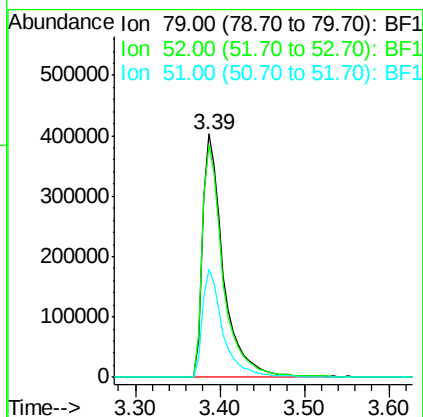
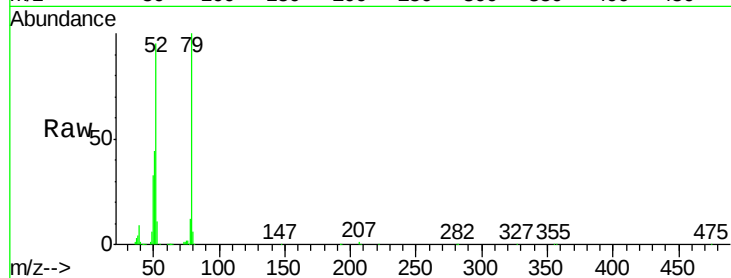




#3
 Pyridine
 Concen: 34.42 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

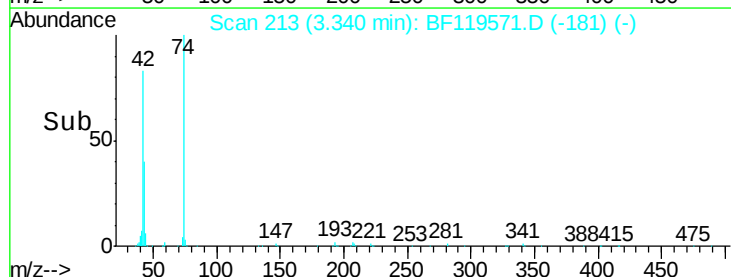
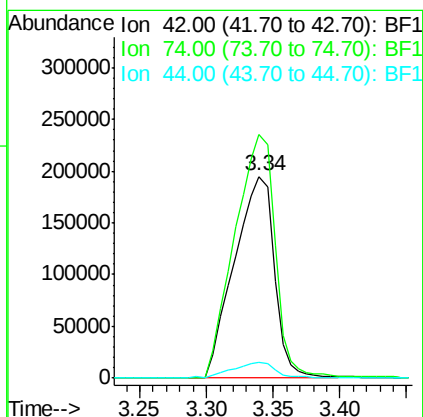
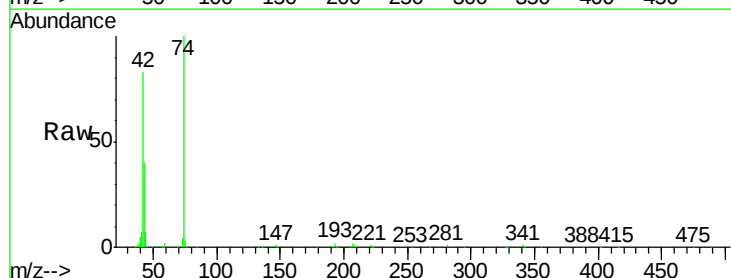
Instrument :
 BNA_F
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 PB127859BS

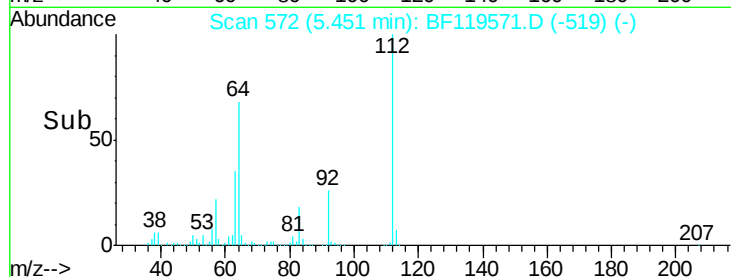
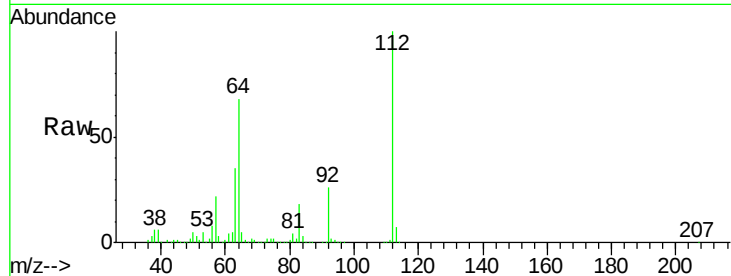
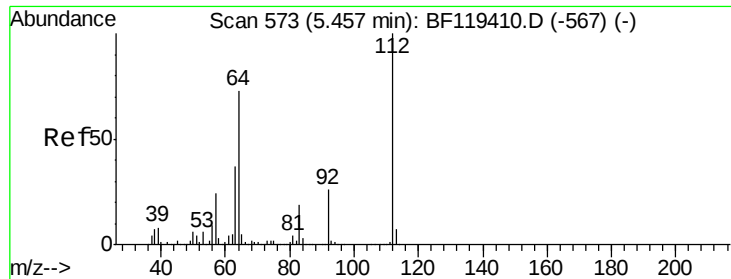
Tgt Ion: 79 Resp: 688700
 Ion Ratio Lower Upper
 79 100
 52 95.2 80.2 120.2
 51 44.2 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 41.64 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion: 42 Resp: 406249
 Ion Ratio Lower Upper
 42 100
 74 120.9 91.5 137.3
 44 8.1 6.2 9.4

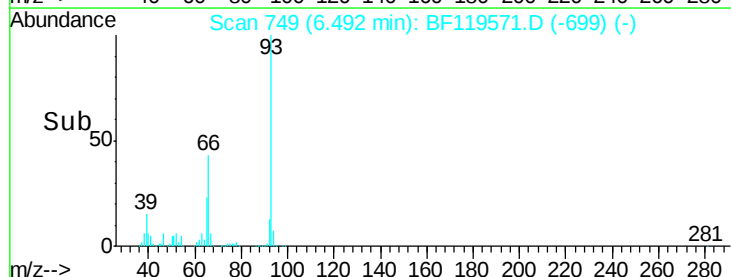
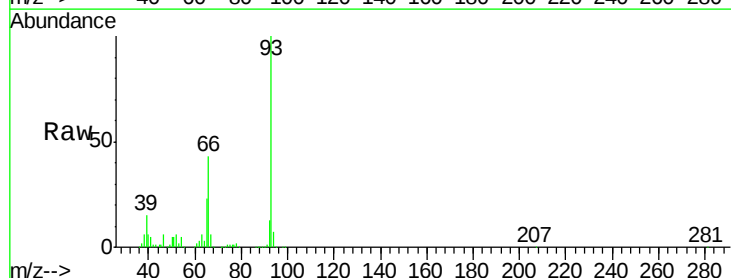
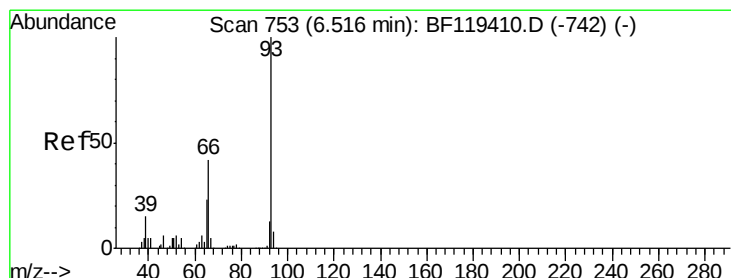
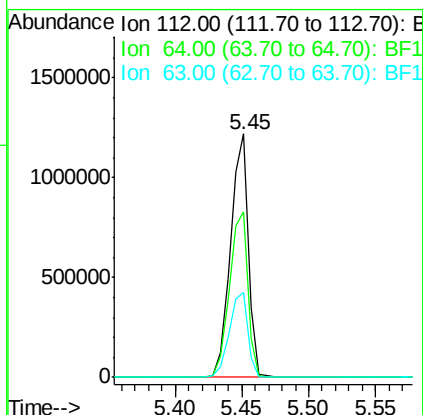




#5
2-Fluorophenol
Concen: 78.44 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

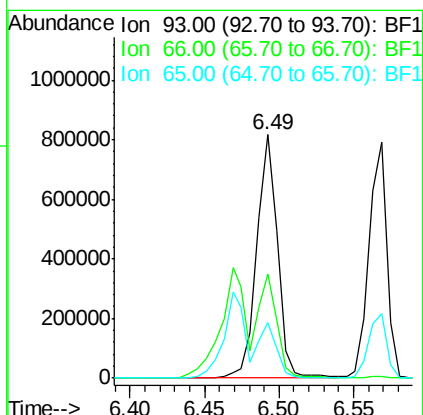
Instrument :
BNA_F
ClientSampleId :
PB127859BS

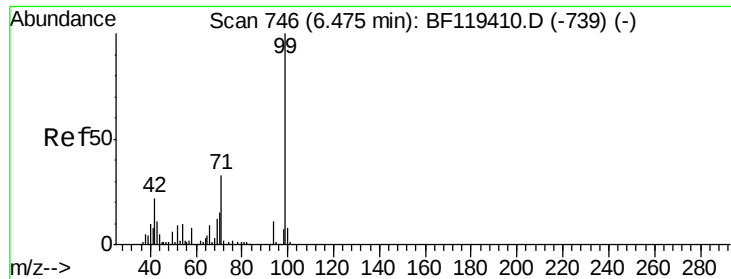
Tgt Ion: 112 Resp: 1153306
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 34.9 29.5 44.3



#6
Aniline
Concen: 30.19 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 93 Resp: 782701
Ion Ratio Lower Upper
93 100
66 43.0 34.9 52.3
65 23.0 18.6 27.8





#7

Phenol-d6

Concen: 79.20 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

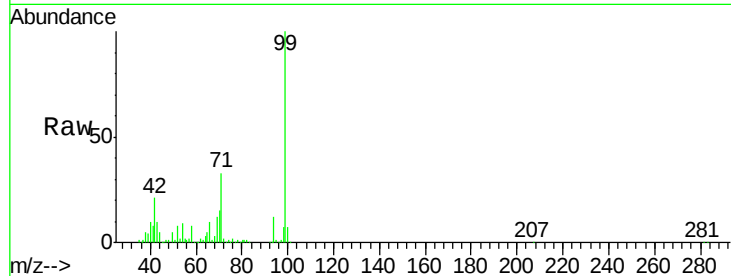
BNA_F

ClientSampleId :

PB127859BS

Tgt Ion: 99 Resp: 1487537

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	33.0	26.4	39.6

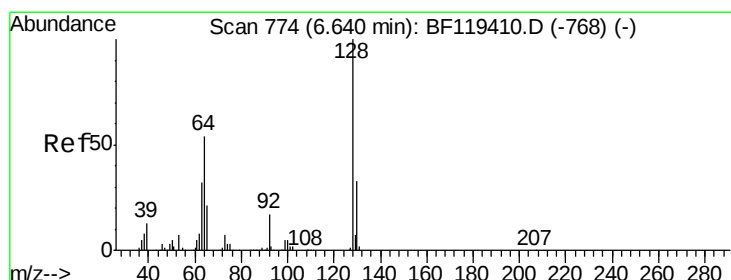
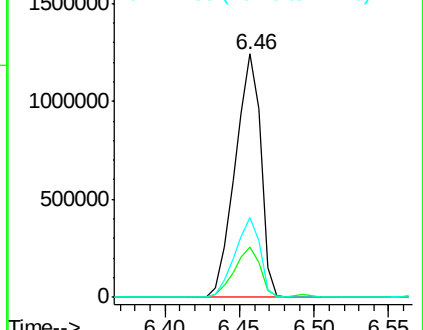
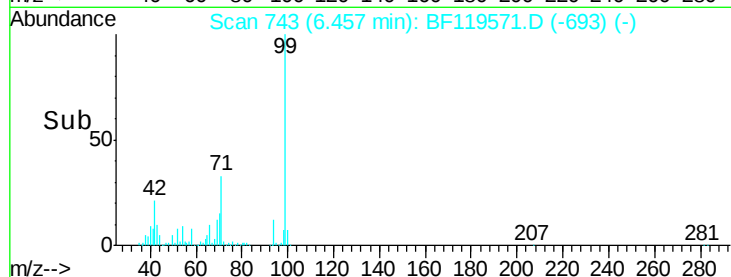


Abundance

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: 44.00 ng

RT: 6.62 min Scan# 770

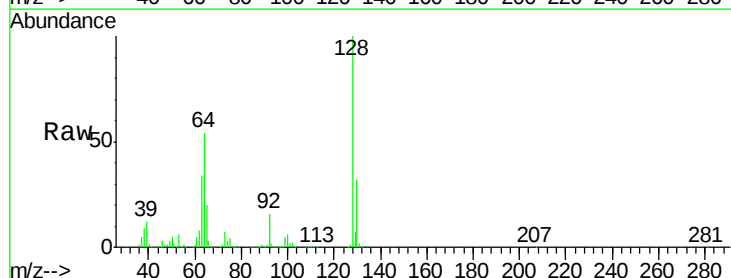
Delta R.T. -0.01 min

Lab File: BF119571.D

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Tgt Ion: 128 Resp: 679543

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	54.1	35.3	75.3

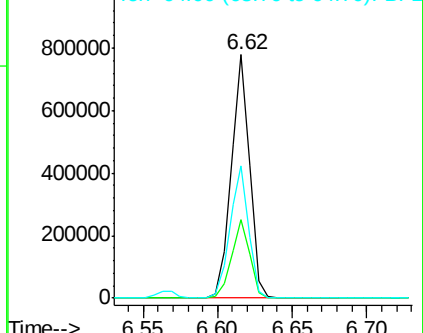
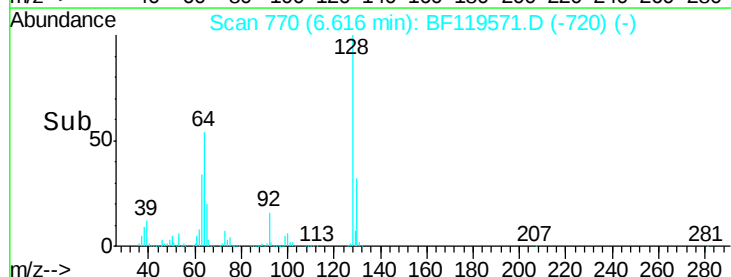


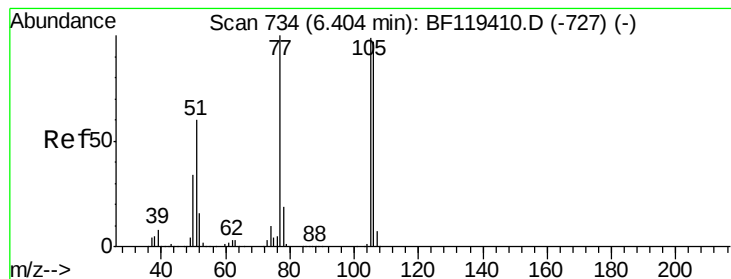
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.10 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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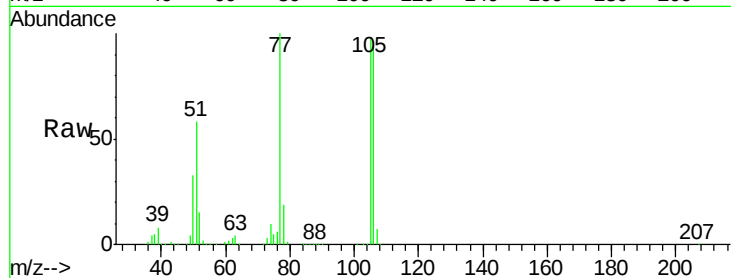
Tgt Ion: 77 Resp: 454006

Ion Ratio Lower Upper

77 100

105 97.6 80.9 120.9

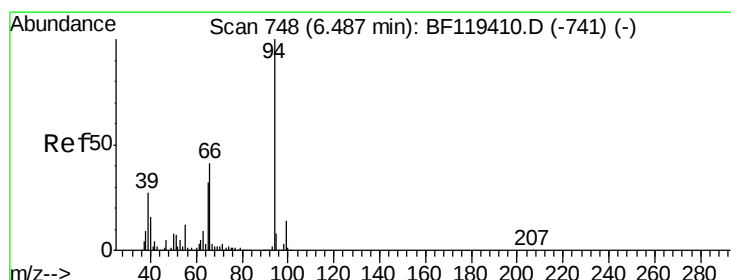
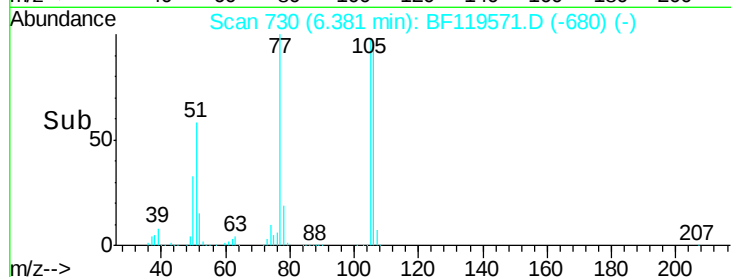
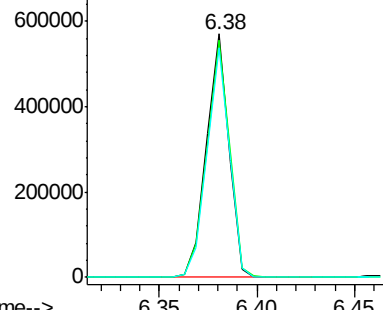
106 94.0 77.9 117.9



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: 43.80 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

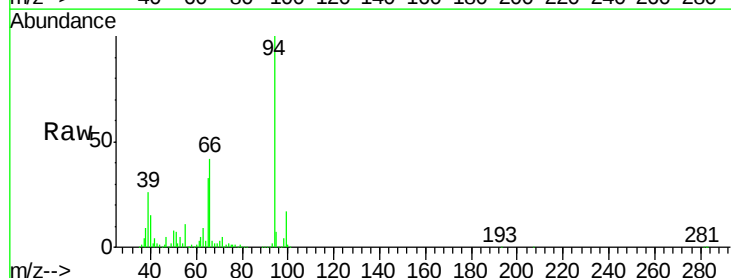
Tgt Ion: 94 Resp: 877868

Ion Ratio Lower Upper

94 100

65 32.6 13.2 53.2

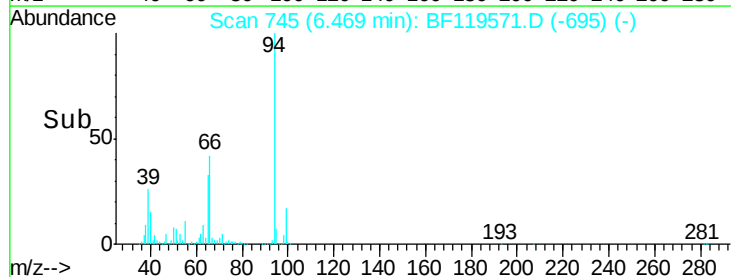
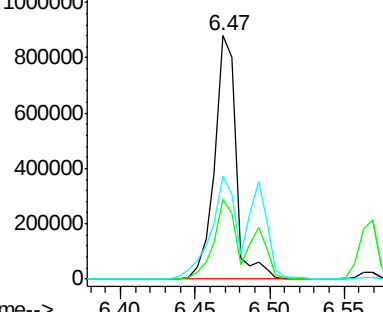
66 42.2 22.3 62.3

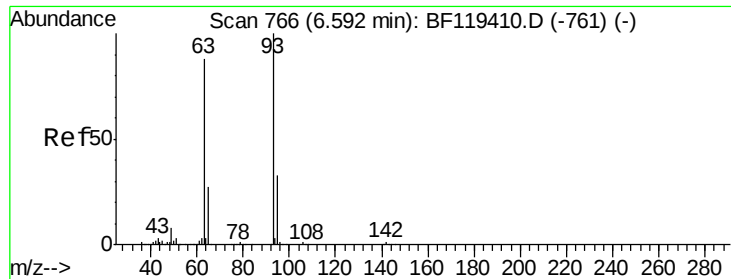


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

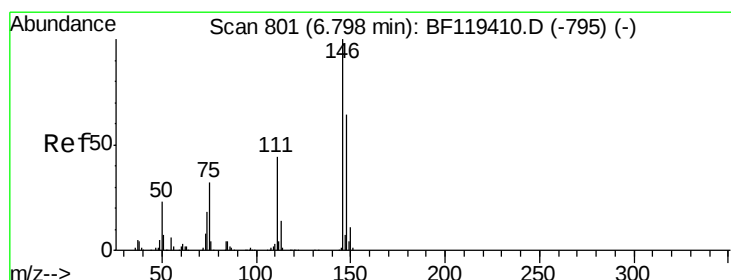
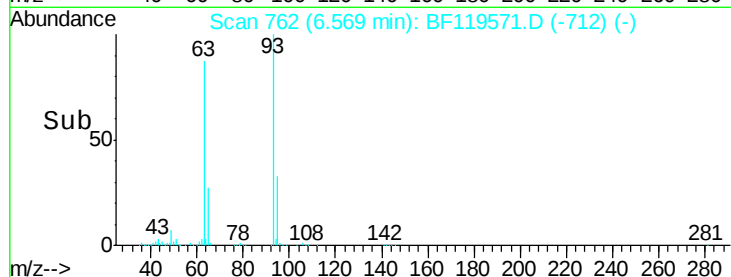
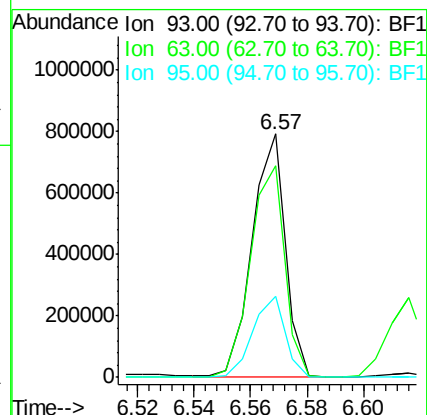
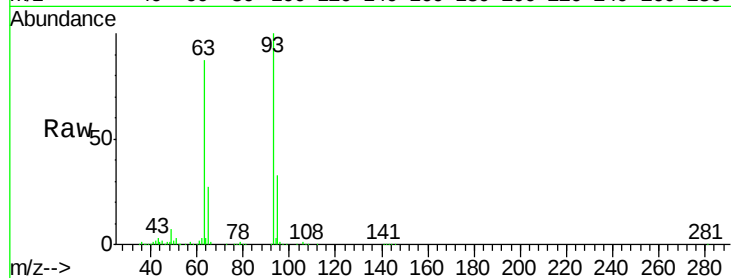




#11
bis(2-Chloroethyl)ether
Concen: 40.30 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

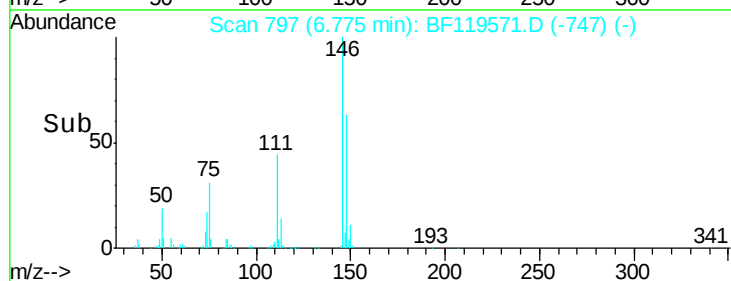
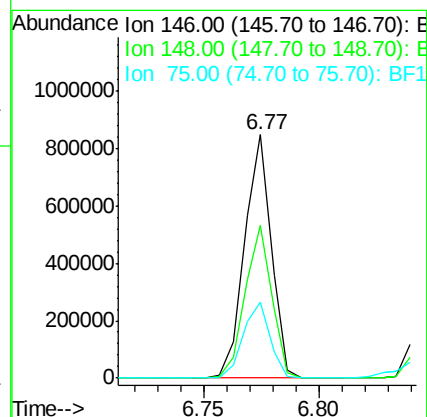
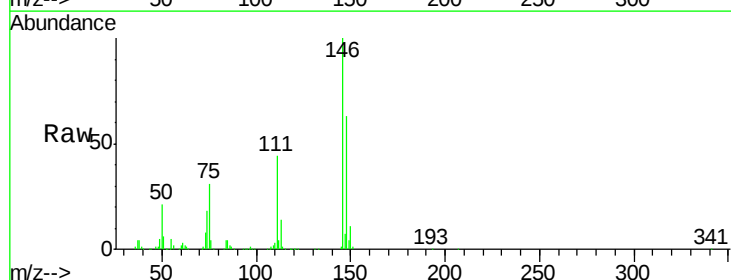
Instrument :
BNA_F
ClientSampleId :
PB127859BS

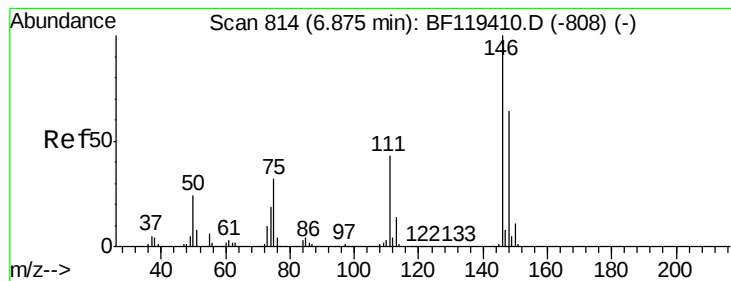
Tgt Ion: 93 Resp: 645983
Ion Ratio Lower Upper
93 100
63 86.9 70.2 110.2
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.91 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 146 Resp: 683798
Ion Ratio Lower Upper
146 100
148 62.5 52.2 78.4
75 31.2 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 41.64 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

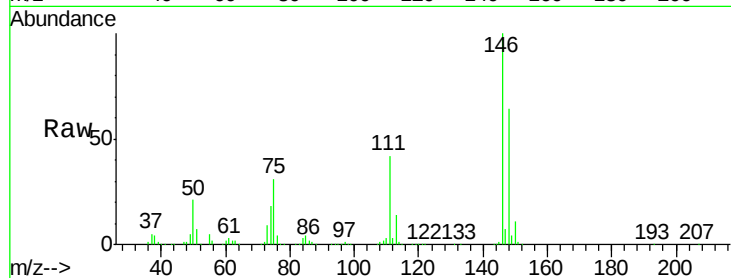
Tgt Ion:146 Resp: 696098

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

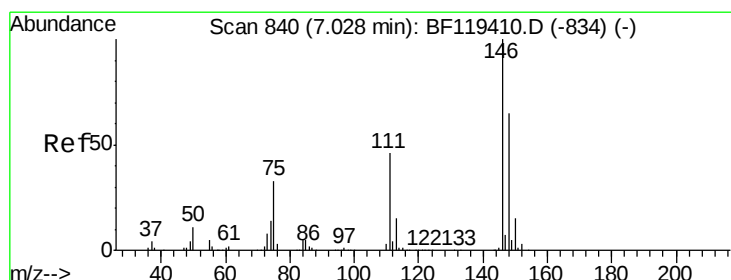
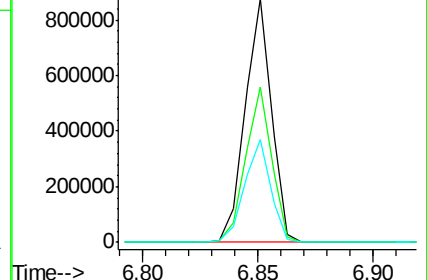
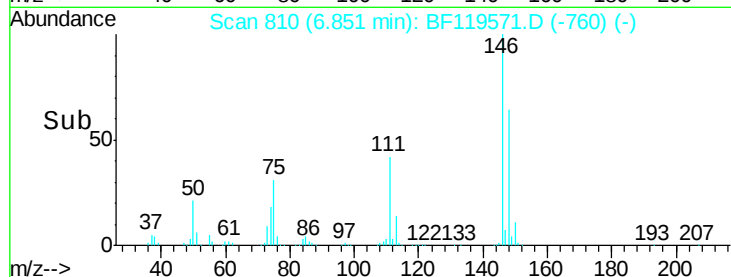
111 42.4 33.3 49.9



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: 41.74 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

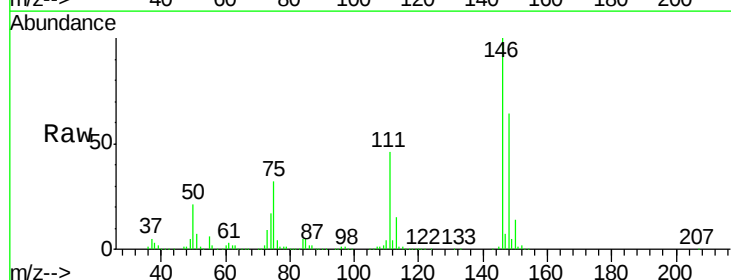
Tgt Ion:146 Resp: 652190

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

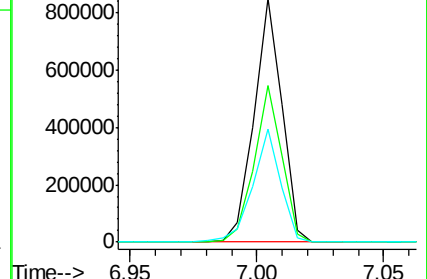
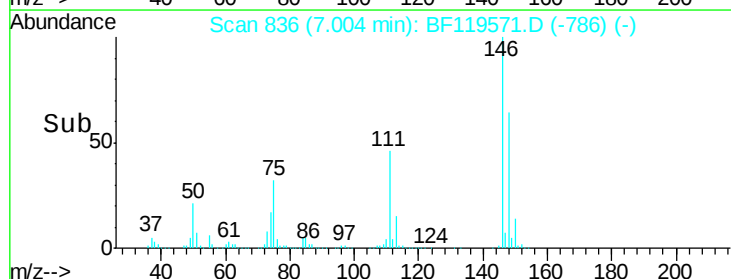
111 46.3 36.1 54.1

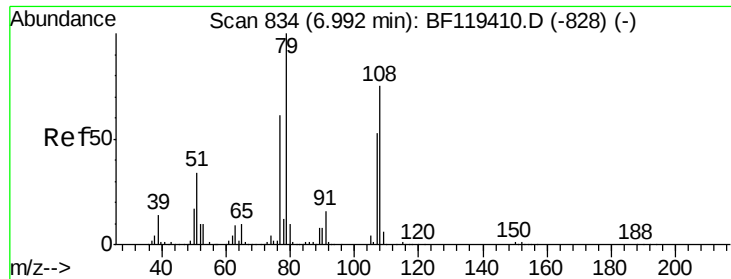


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.61 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

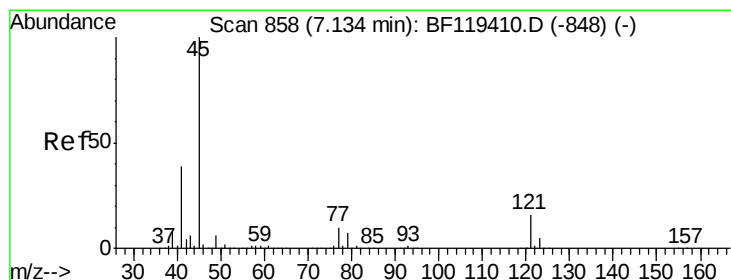
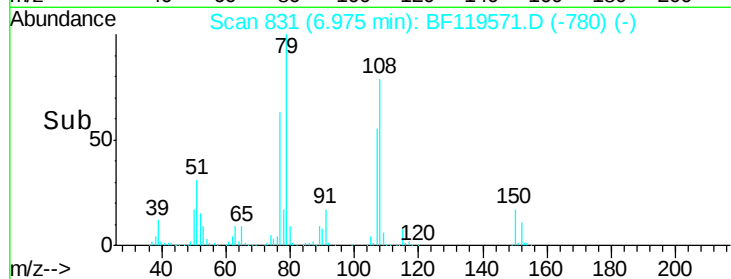
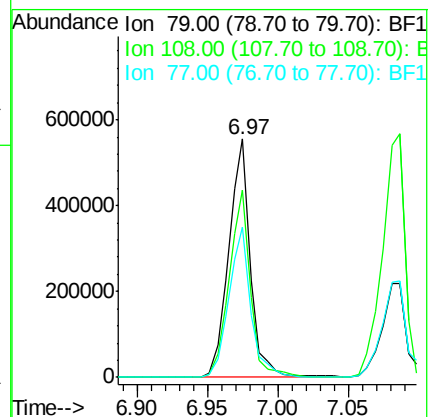
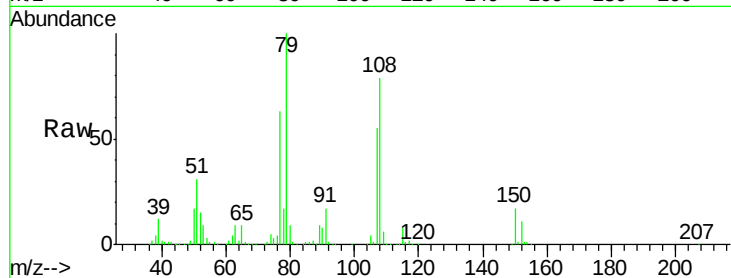
Tgt Ion: 79 Resp: 587927

Ion Ratio Lower Upper

79 100

108 78.8 60.6 90.8

77 63.4 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.07 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

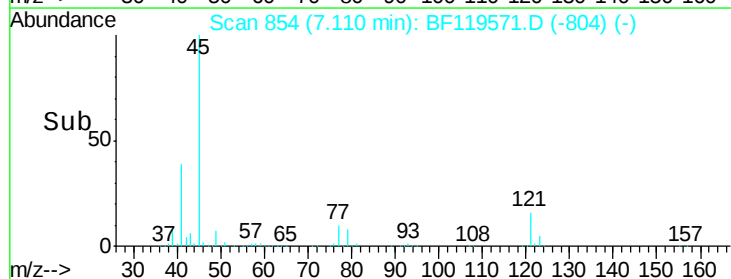
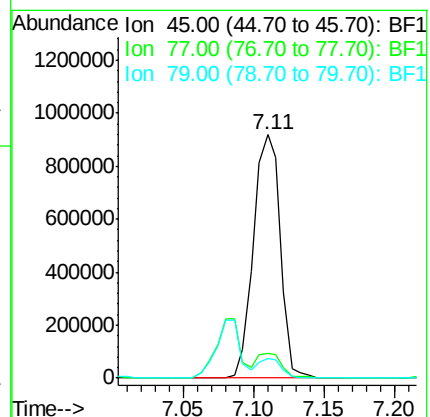
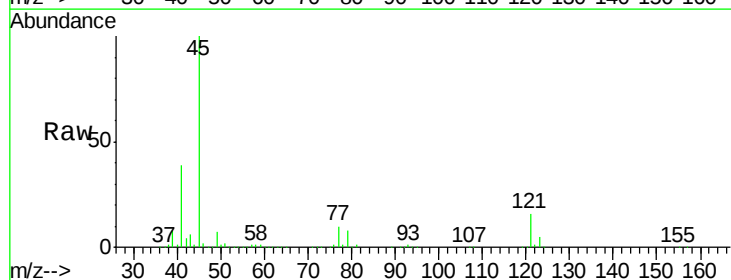
Tgt Ion: 45 Resp: 1231041

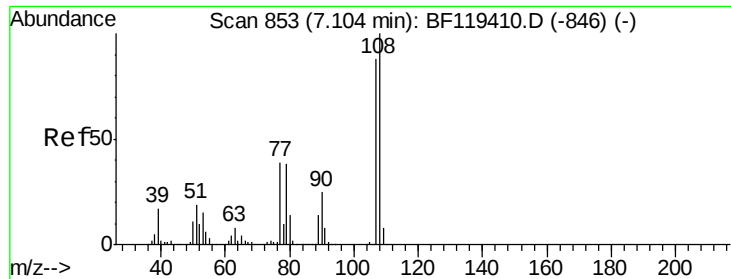
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.7

79 8.3 0.0 28.2

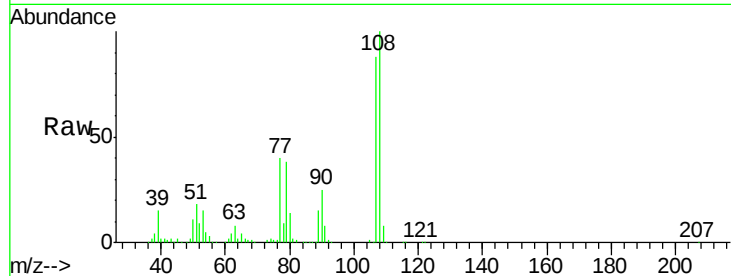




#17
2-Methylphenol
Concen: 38.88 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.2	138.4
77	45.0	36.6	54.8
79	43.4	36.2	54.4



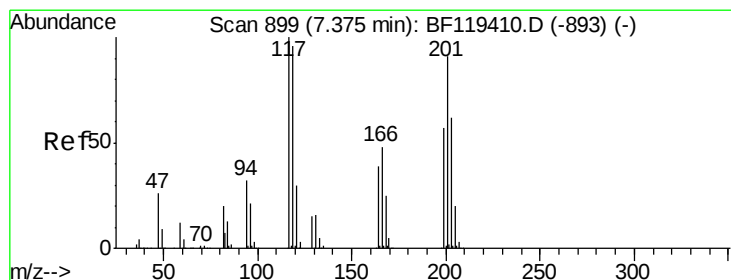
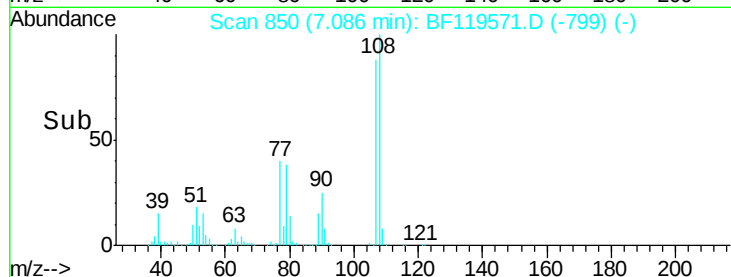
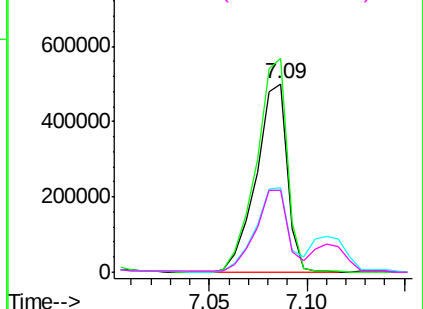
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

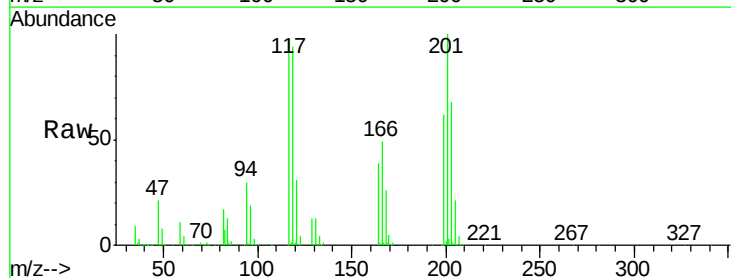
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.78 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.1	114.1
201	103.0	73.0	109.6

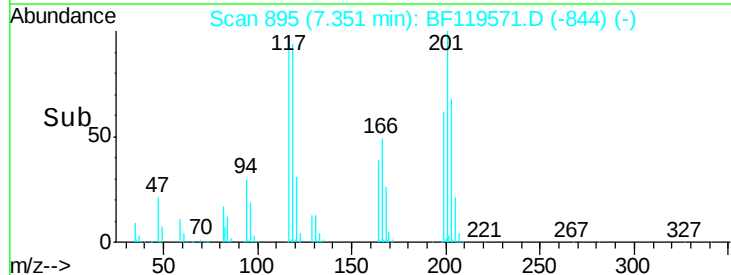
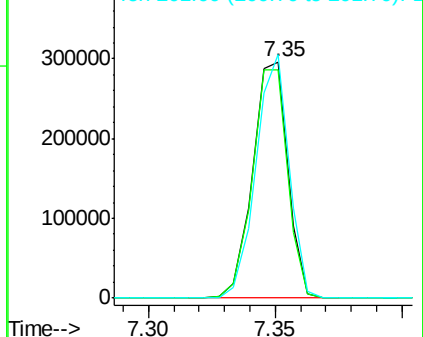


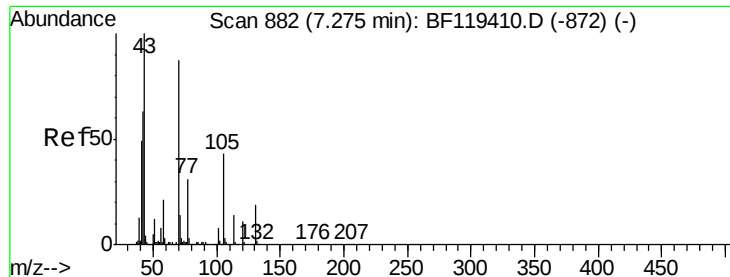
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

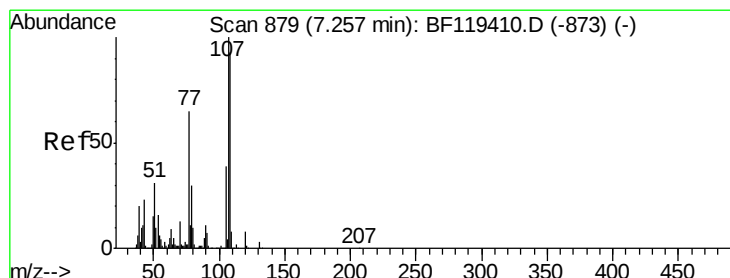
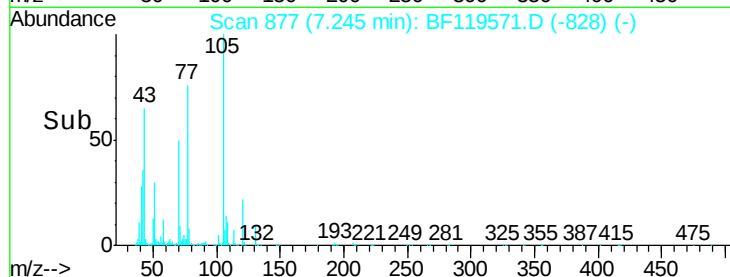
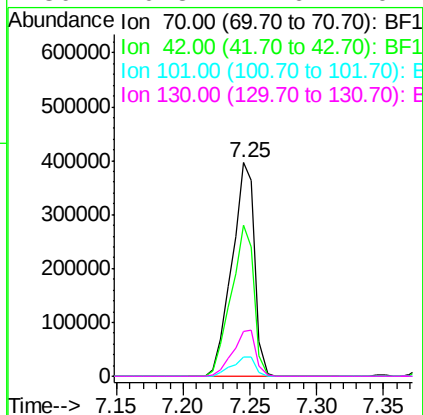
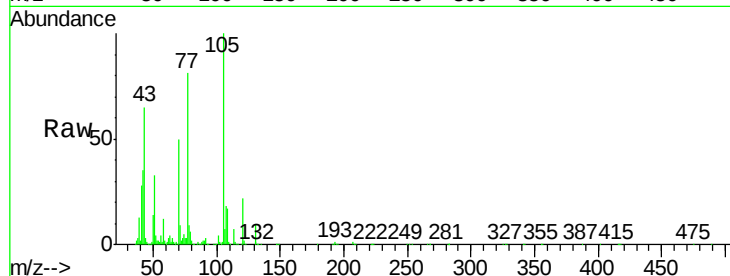




#19
n-Nitroso-di-n-propylamine
Concen: 41.83 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

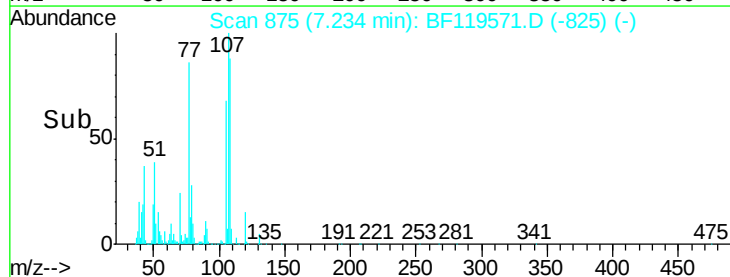
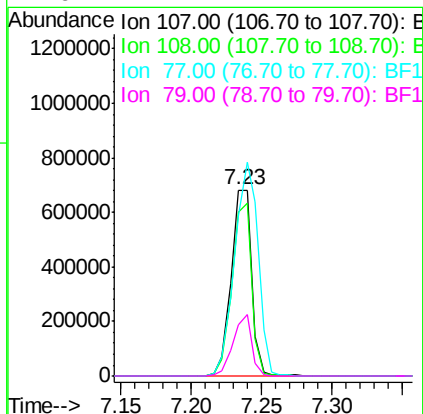
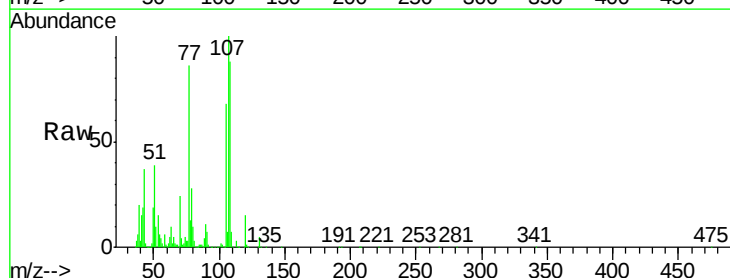
Instrument :
BNA_F
ClientSampleId :
PB127859BS

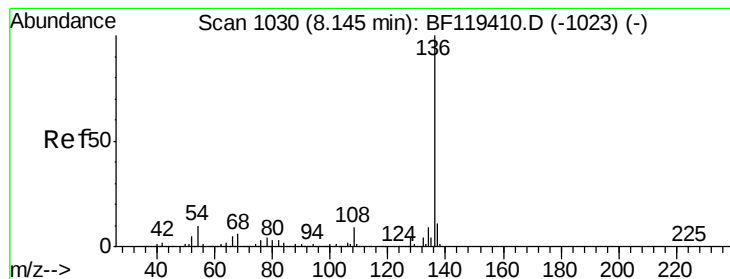
Tgt Ion:	70	Resp:	473614
Ion	Ratio	Lower	Upper
70	100		
42	70.7	54.5	81.7
101	9.0	7.6	11.4
130	20.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 39.83 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:	107	Resp:	690639
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	85.7	52.9	92.9
79	27.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tgt Ion:136 Resp: 921649

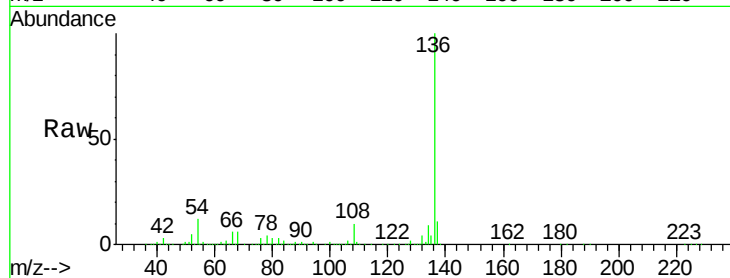
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.5 9.1 13.7

68 5.7 4.6 6.8

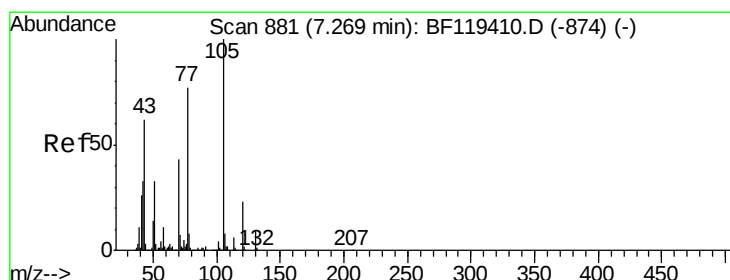
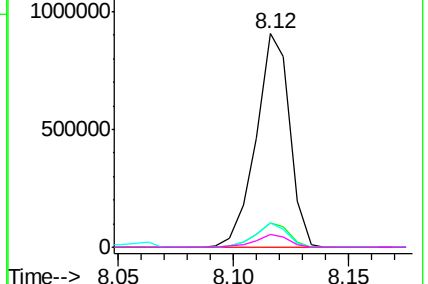
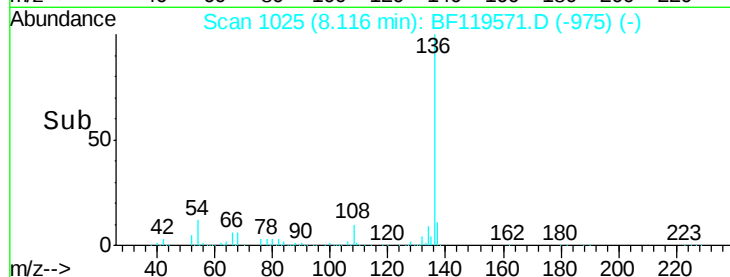


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.60 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Tgt Ion:105 Resp: 894097

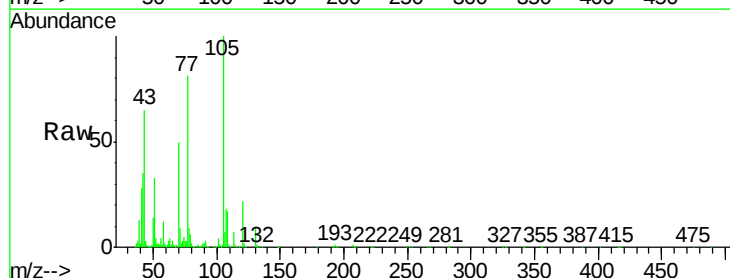
Ion Ratio Lower Upper

105 100

71 8.6 5.7 8.5#

51 32.9 26.2 39.4

120 22.3 18.3 27.5

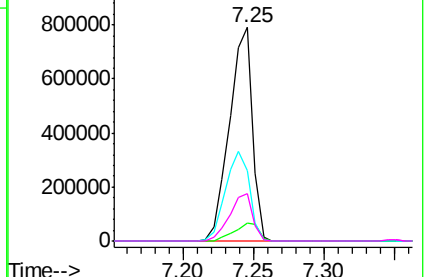
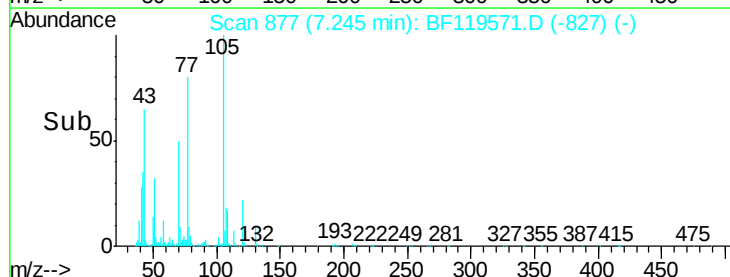


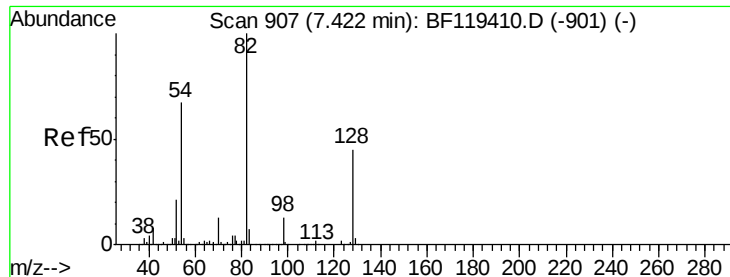
Abundance Ion 105.00 (104.70 to 105.70): E

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

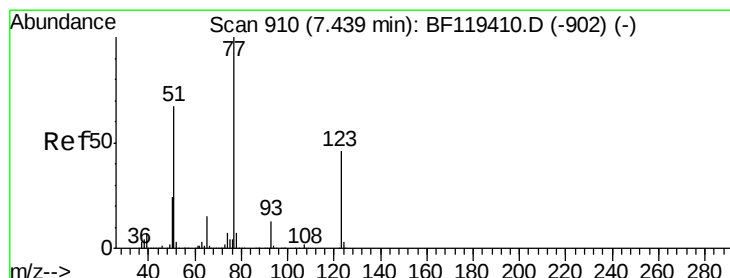
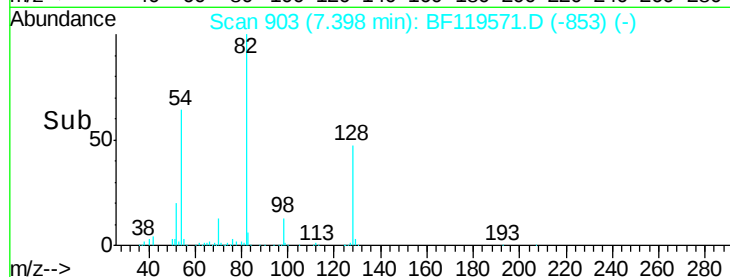
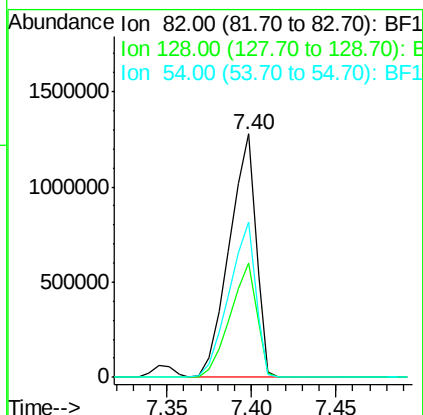
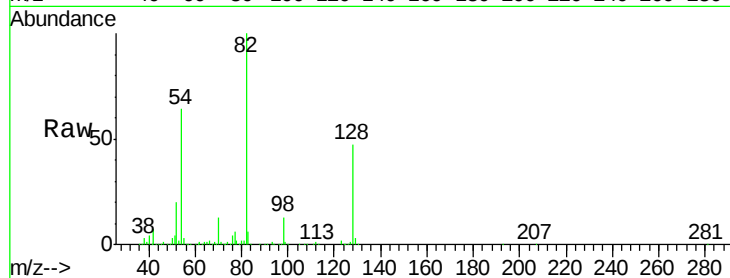




#23
Nitrobenzene-d5
Concen: 82.81 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

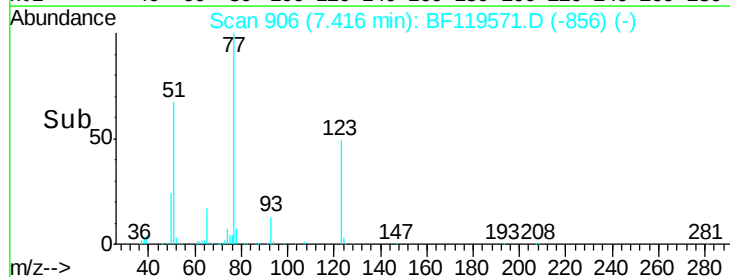
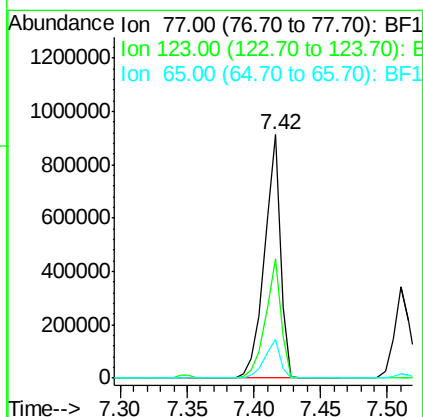
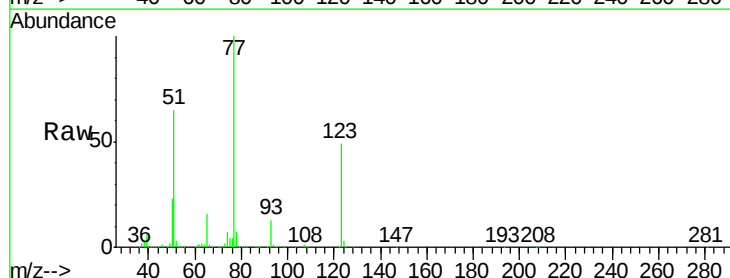
Instrument :
BNA_F
ClientSampleId :
PB127859BS

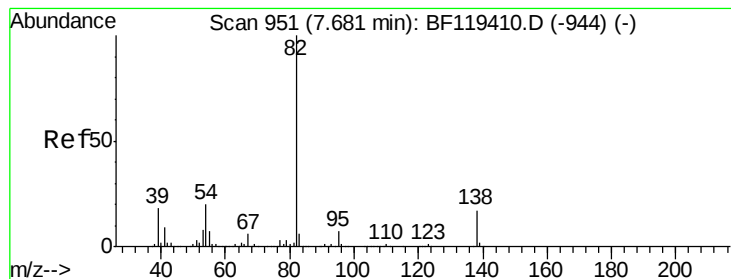
Tgt Ion: 82 Resp: 1404241
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 63.9 50.6 75.8



#24
Nitrobenzene
Concen: 41.45 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 77 Resp: 751150
Ion Ratio Lower Upper
77 100
123 49.0 38.0 57.0
65 16.0 12.6 18.8





#25

Isophorone

Concen: 38.54 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

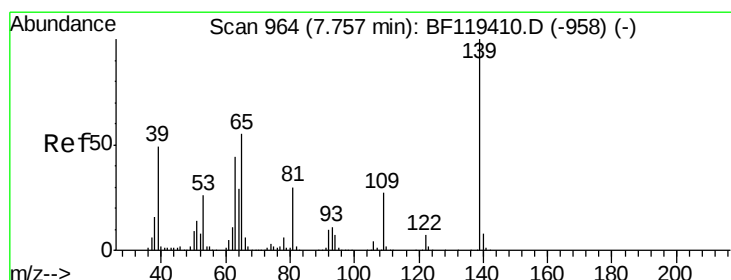
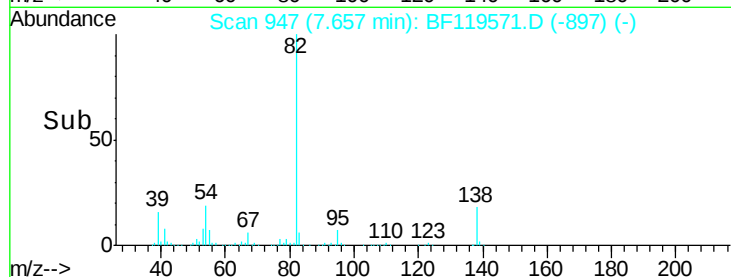
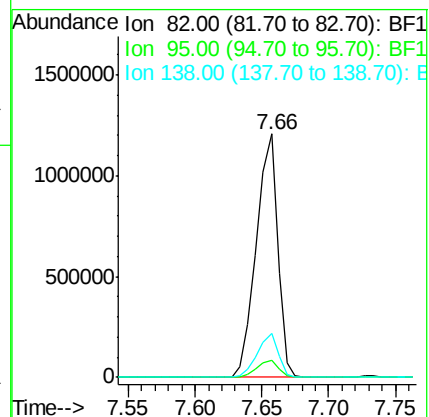
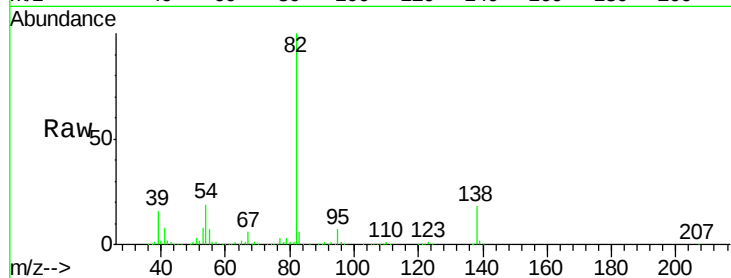
Tgt Ion: 82 Resp: 1325881

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 17.9 14.6 21.8



#26

2-Nitrophenol

Concen: 51.09 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

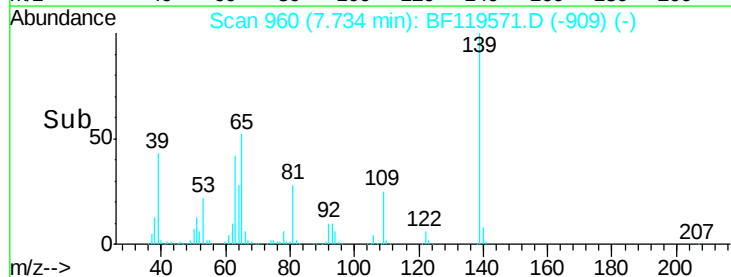
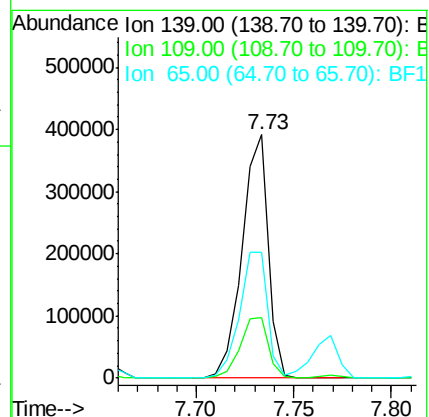
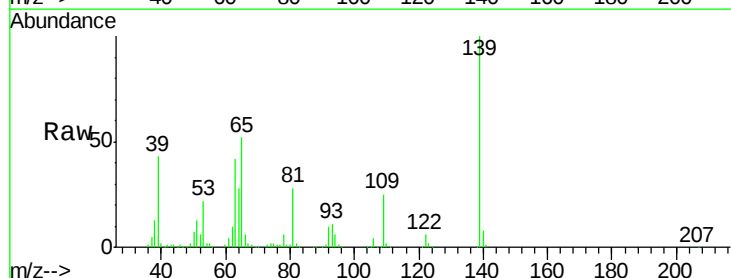
Tgt Ion: 139 Resp: 364602

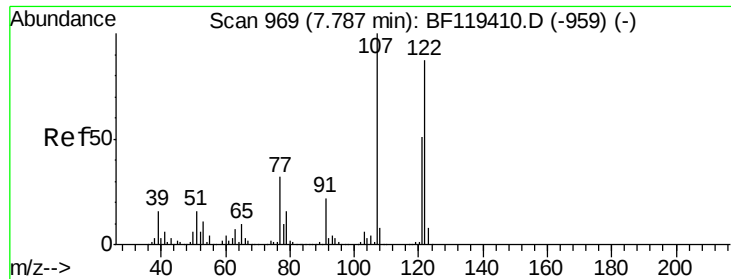
Ion Ratio Lower Upper

139 100

109 25.0 22.1 33.1

65 51.7 49.2 73.8

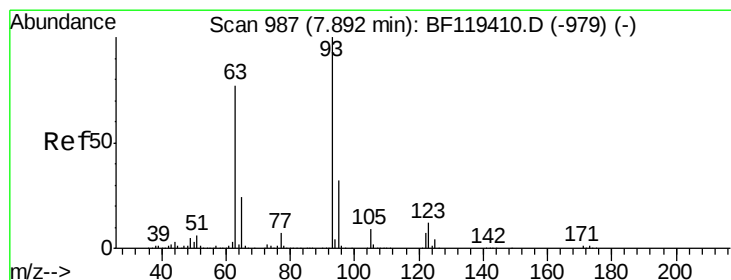
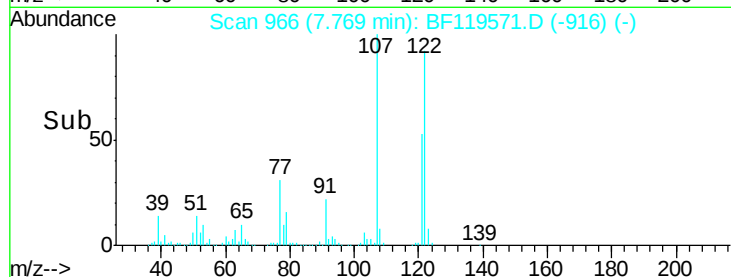
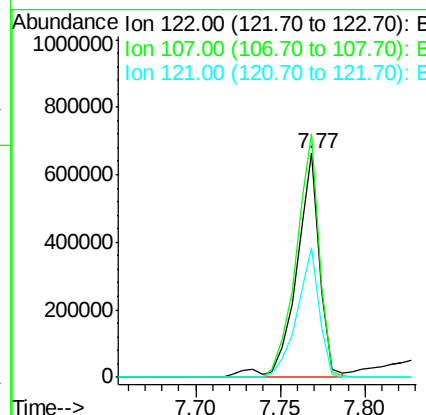
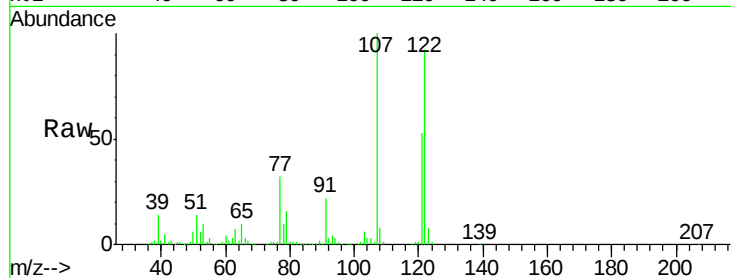




#27
 2,4-Dimethylphenol
 Concen: 43.01 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

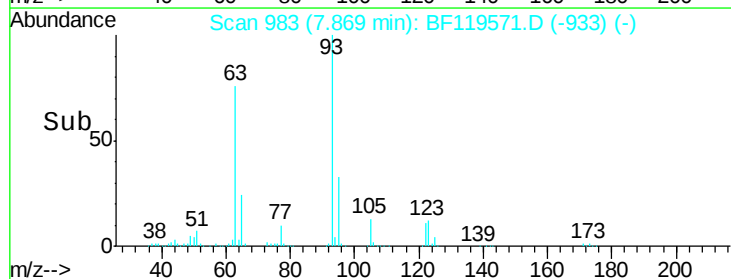
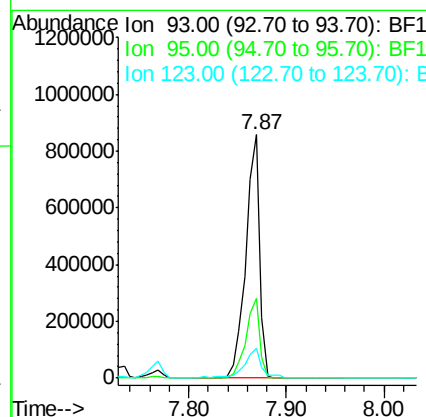
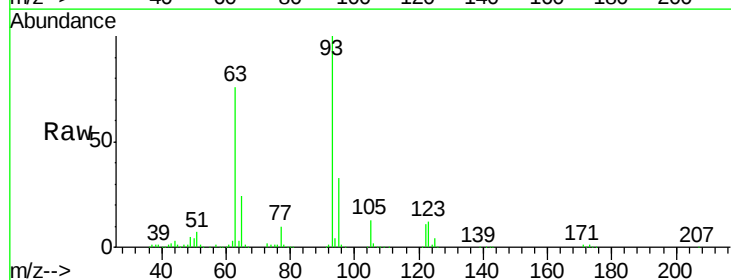
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion:122 Resp: 634646
 Ion Ratio Lower Upper
 122 100
 107 108.8 89.0 133.6
 121 58.0 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.07 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion: 93 Resp: 835531
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 12.1 9.7 14.5

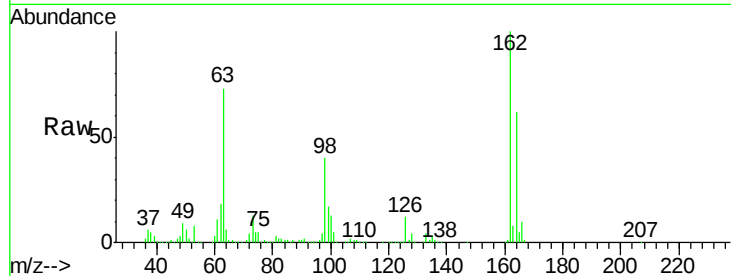




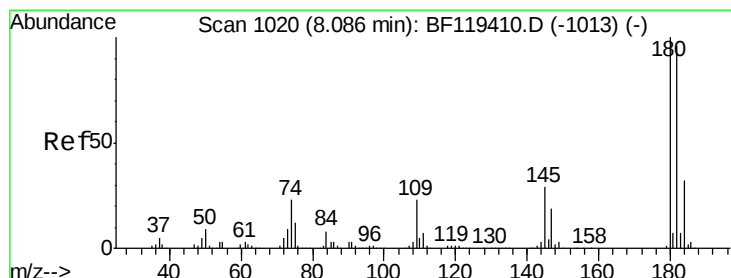
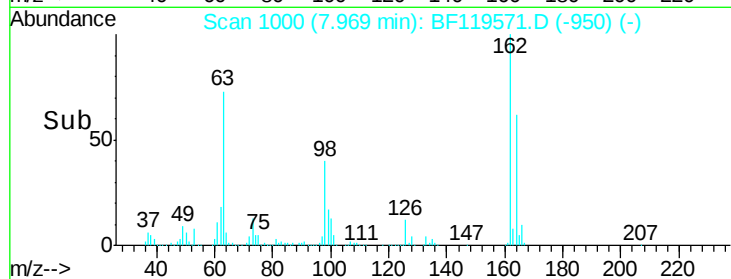
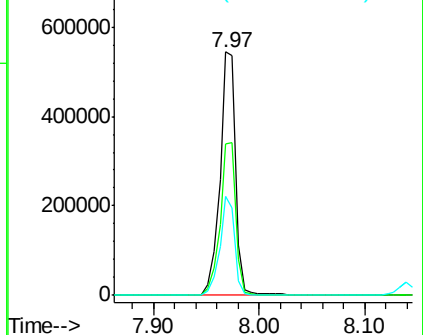
#29
 2,4-Dichlorophenol
 Concen: 42.01 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion:162 Resp: 569611
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.7 84.7
 98 40.4 20.7 60.7

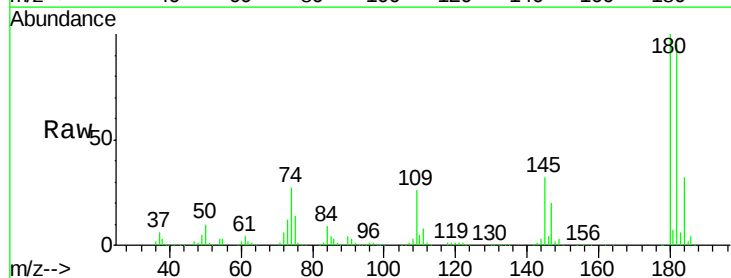


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

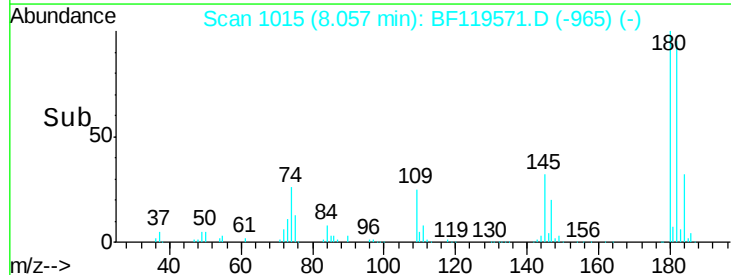
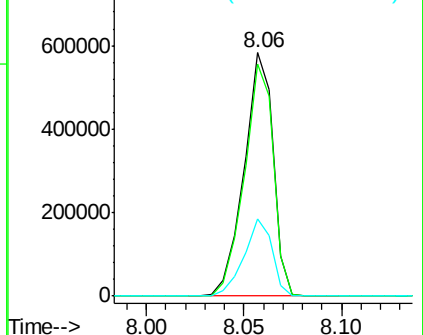


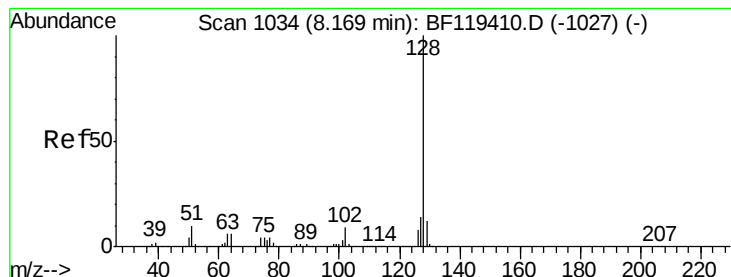
#30
 1,2,4-Trichlorobenzene
 Concen: 40.01 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:180 Resp: 599864
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.7 112.1
 145 31.7 24.5 36.7



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





#31

Naphthalene

Concen: 40.39 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

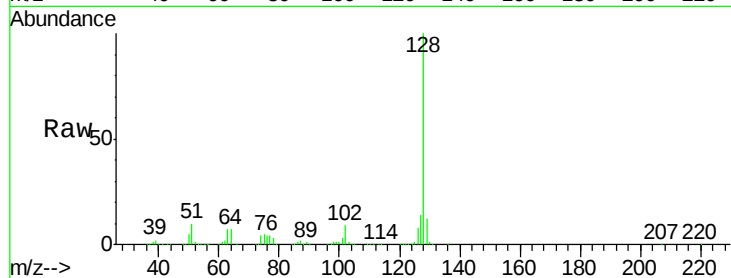
Tgt Ion:128 Resp: 1915812

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

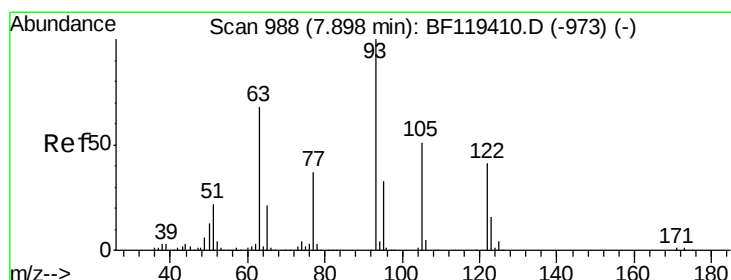
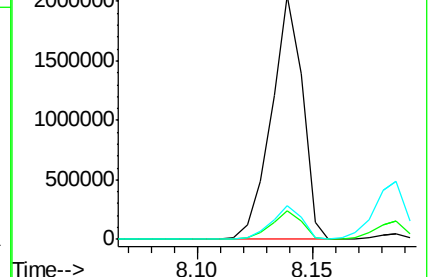
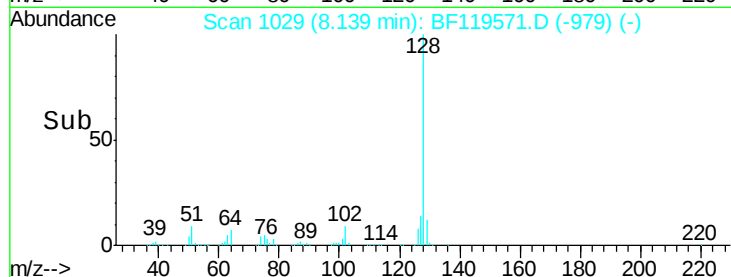
127 13.7 11.3 16.9



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: 47.85 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

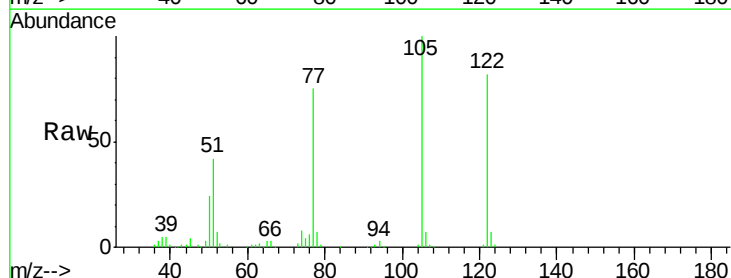
Tgt Ion:122 Resp: 454177

Ion Ratio Lower Upper

122 100

105 121.4 104.9 144.9

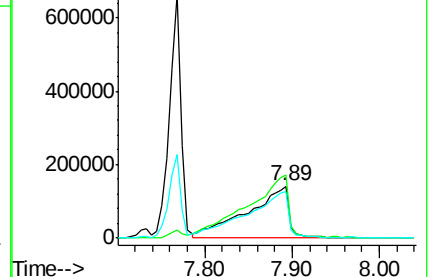
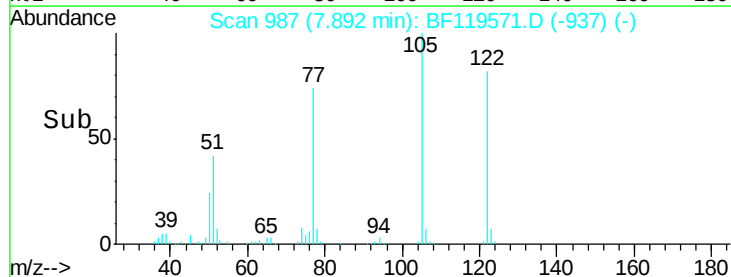
77 90.7 74.4 114.4

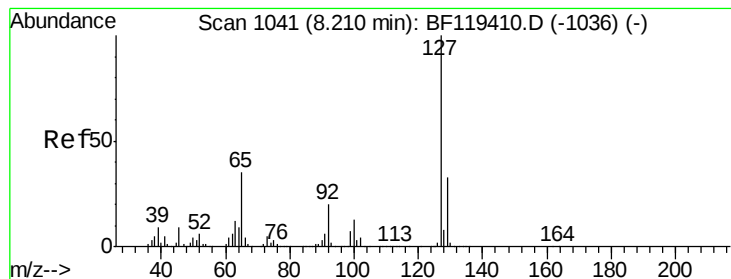


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 21.77 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tgt Ion:127 Resp: 473060

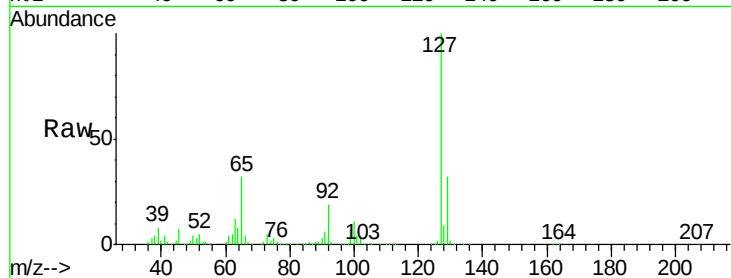
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.4

65 32.5 27.4 41.0

92 19.2 15.3 22.9

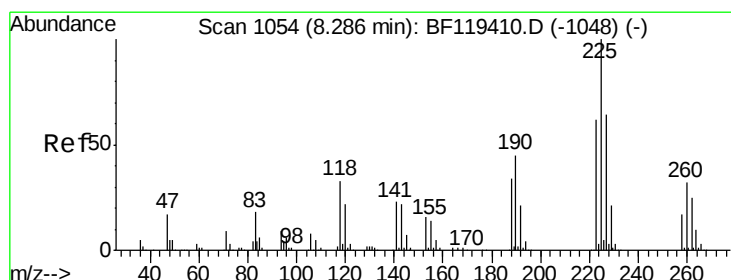
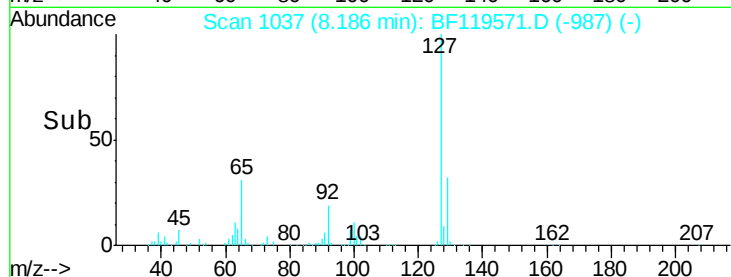
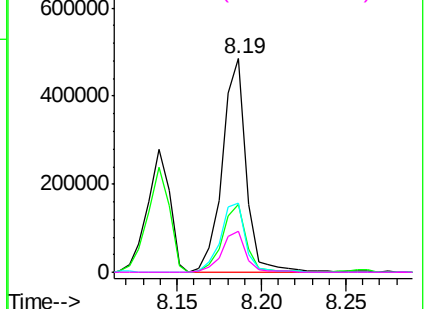


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.73 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

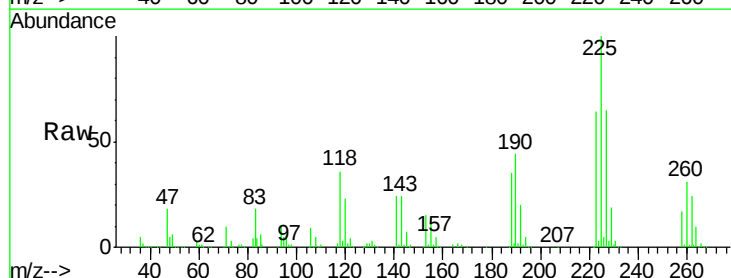
Tgt Ion:225 Resp: 341672

Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

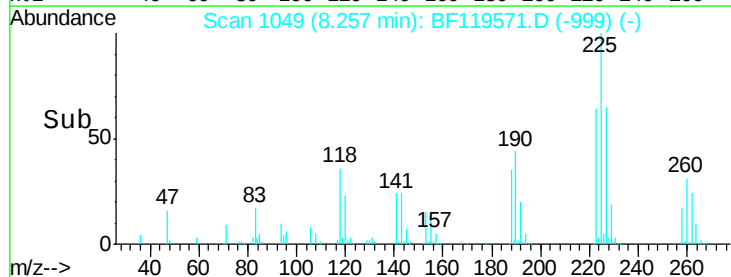
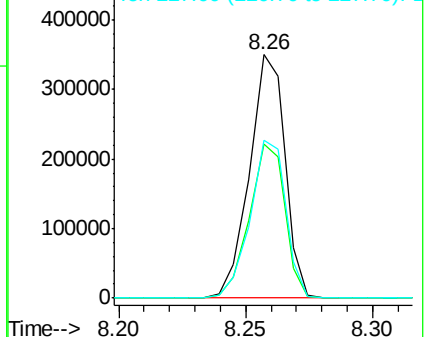
227 64.6 50.7 76.1

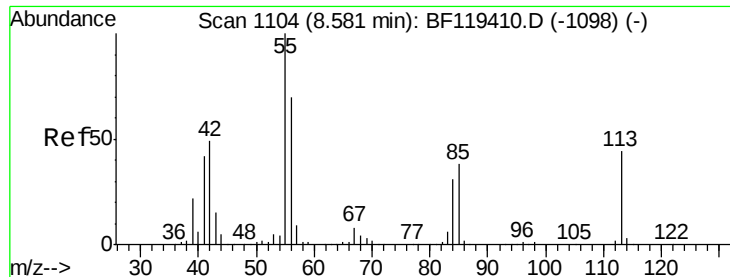


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

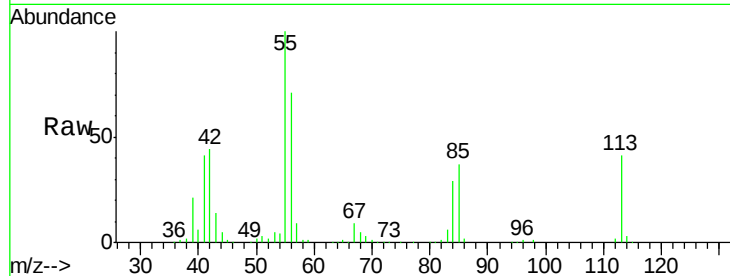




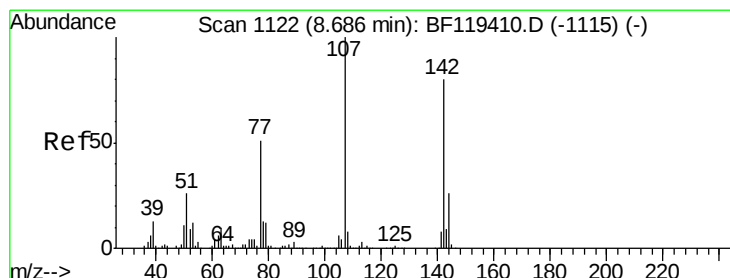
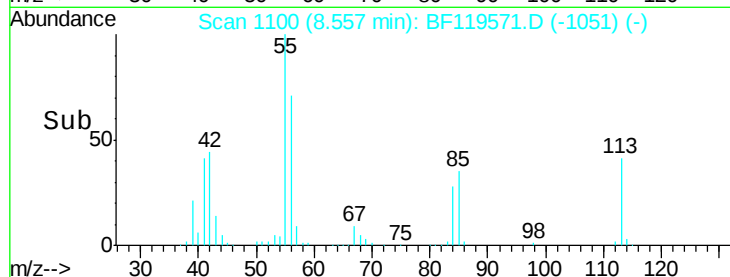
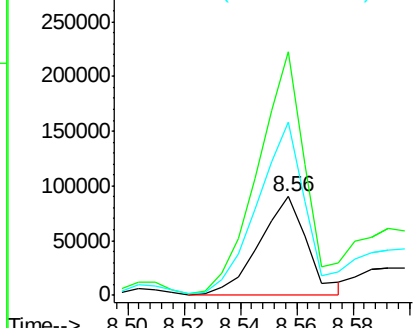
#35
 Caprolactam
 Concen: 24.11 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion:113 Resp: 106957
 Ion Ratio Lower Upper
 113 100
 55 246.6 218.4 258.4
 56 175.6 148.9 188.9

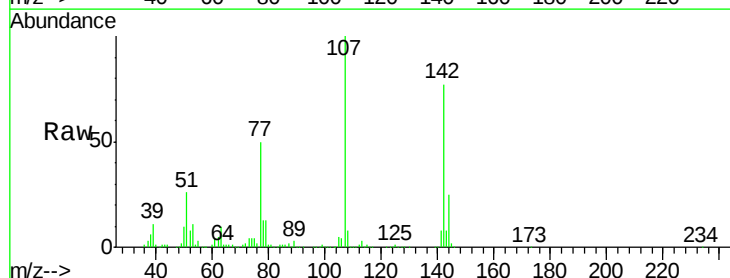


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

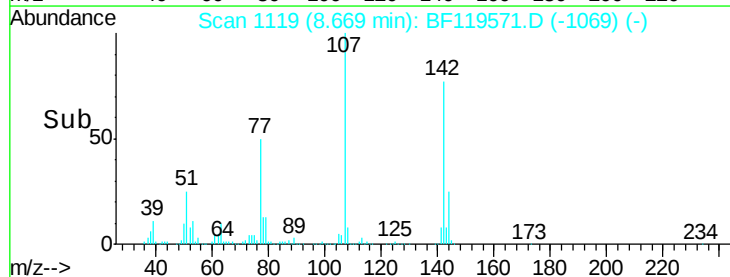
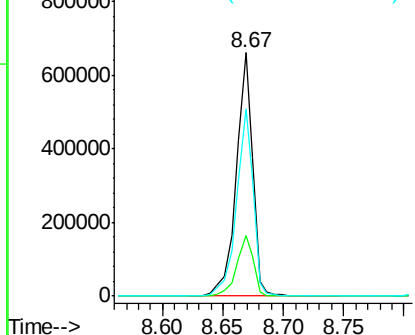


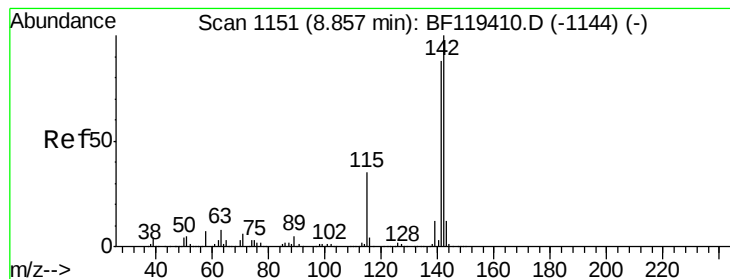
#36
 4-Chloro-3-methylphenol
 Concen: 42.45 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:107 Resp: 628999
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.0 31.6
 142 77.1 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: 42.48 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

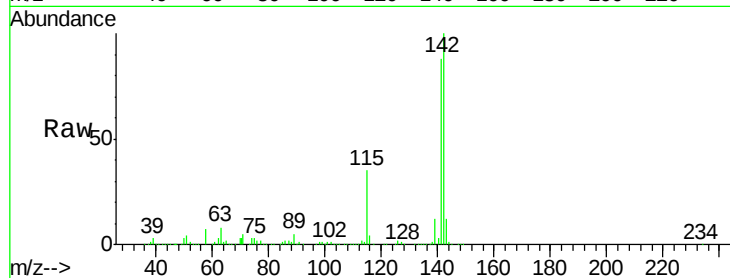
Tgt Ion:142 Resp: 1322336

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

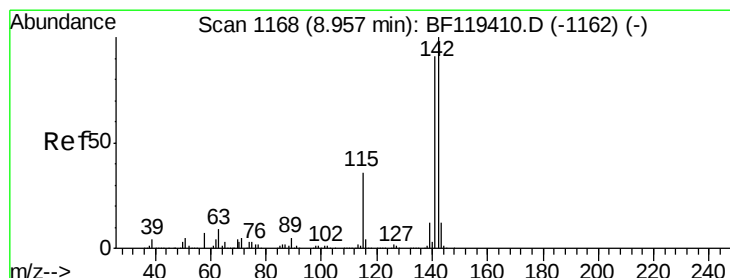
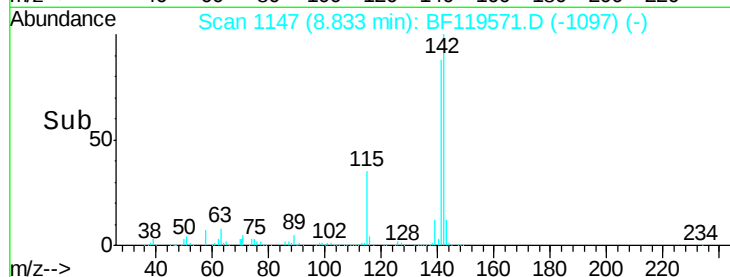
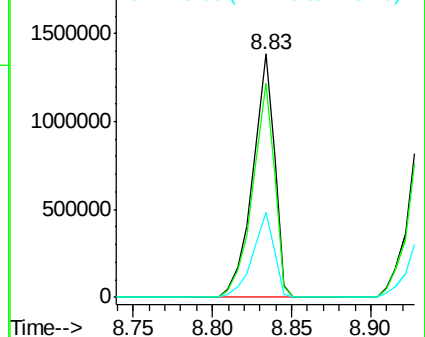
115 34.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.36 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

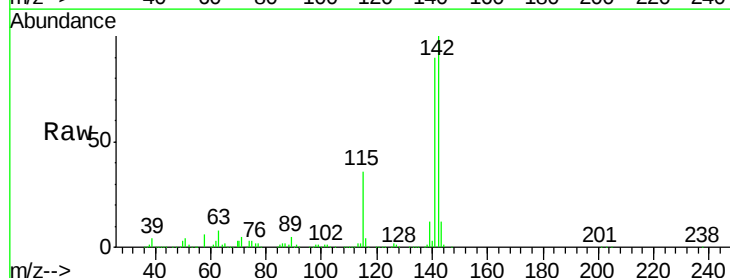
Tgt Ion:142 Resp: 1248158

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

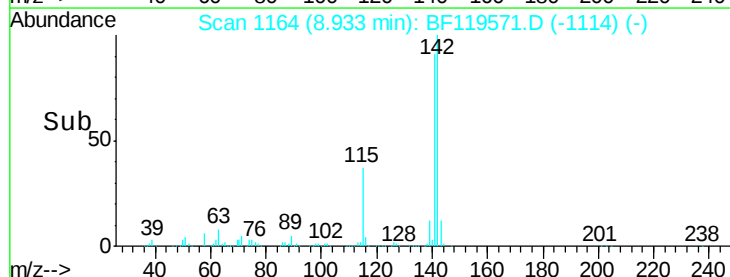
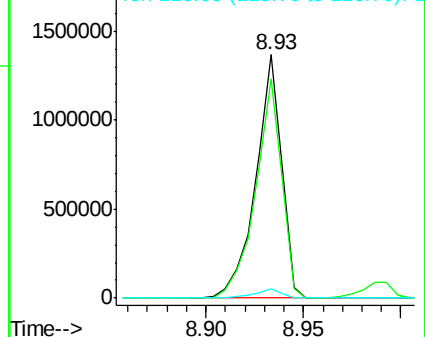
116 3.8 3.0 4.6

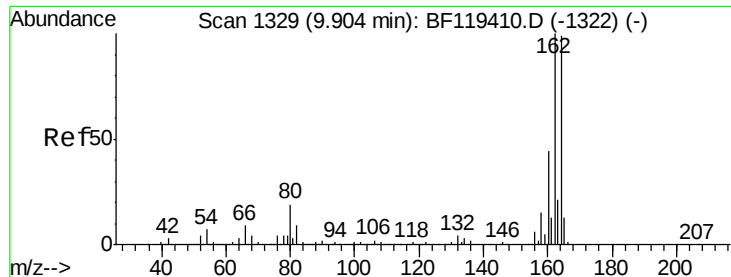


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

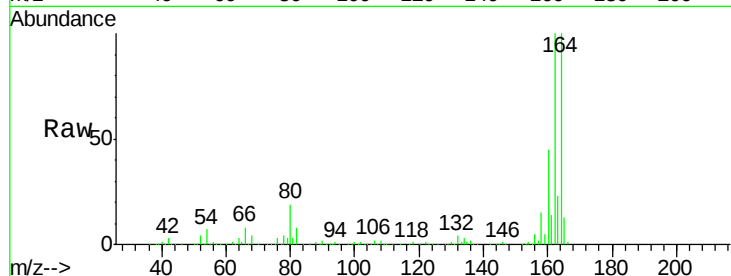




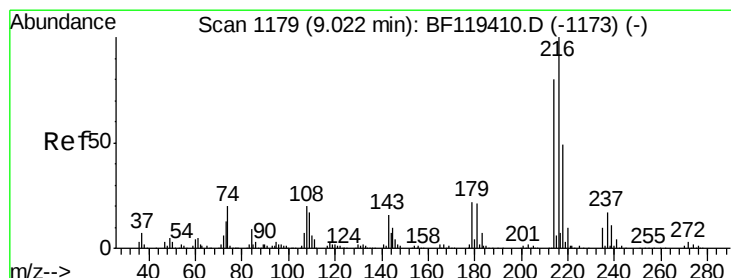
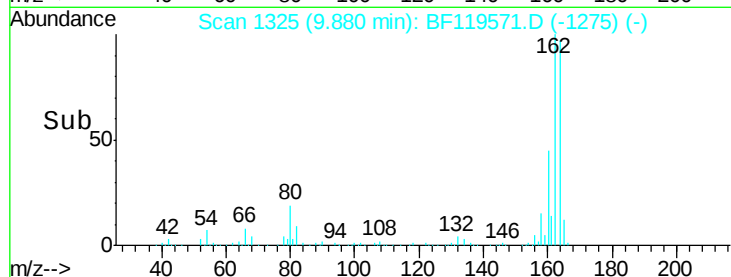
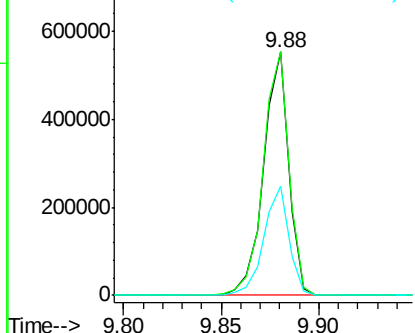
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion:164 Resp: 494148
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 121.0
 160 45.2 35.7 53.5

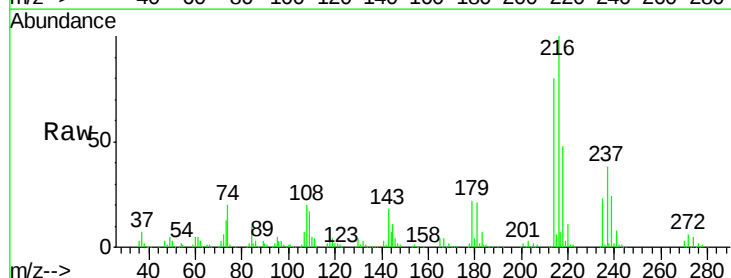


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

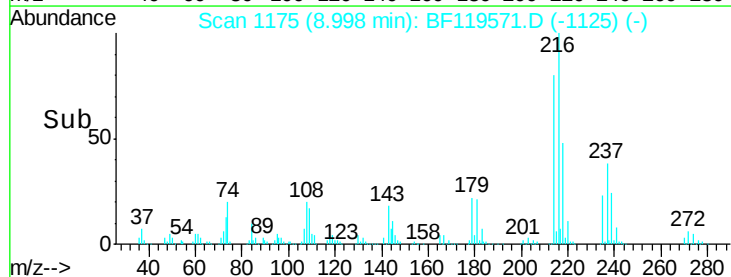
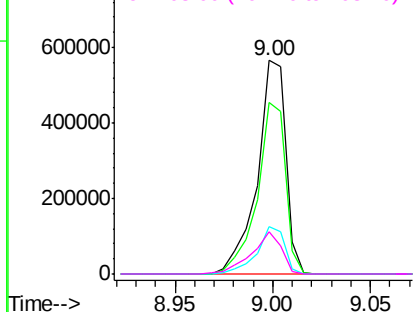


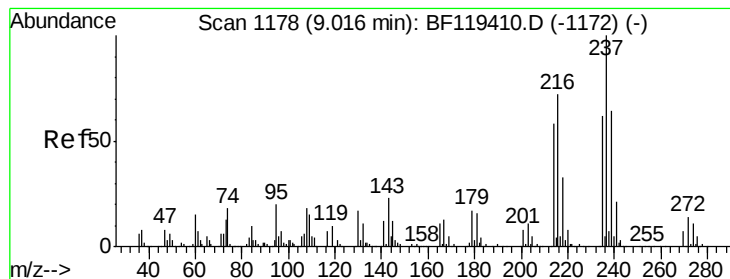
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.70 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:216 Resp: 575011
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.2 94.8
 179 21.2 17.1 25.7
 108 20.7 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: 86.19 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

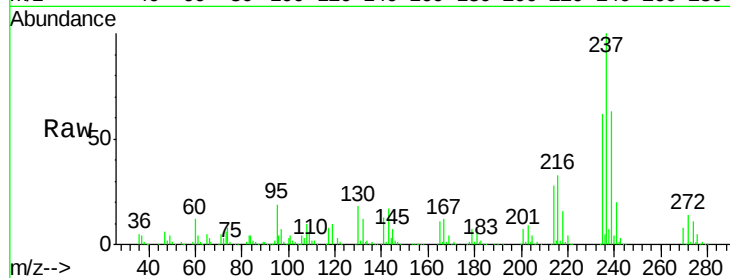
Tgt Ion: 237 Resp: 709708

Ion Ratio Lower Upper

237 100

235 62.0 43.2 83.2

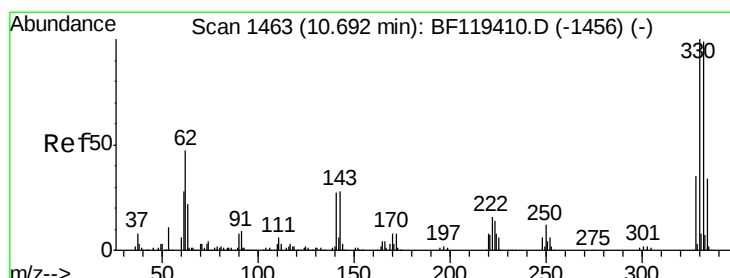
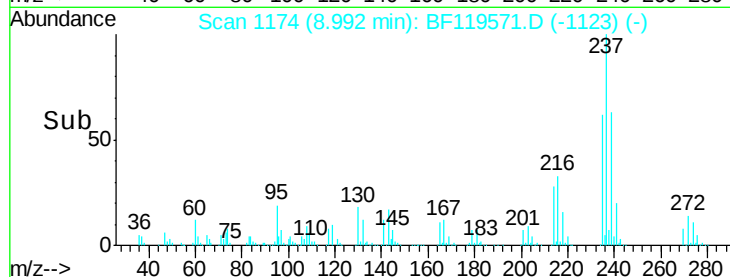
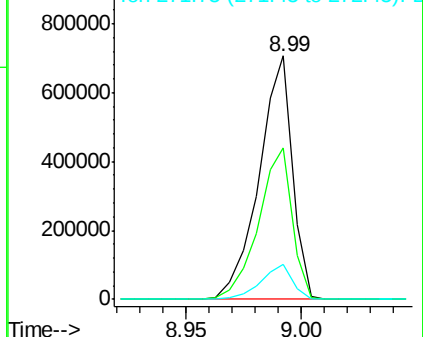
272 14.1 0.0 34.1



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: 91.08 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

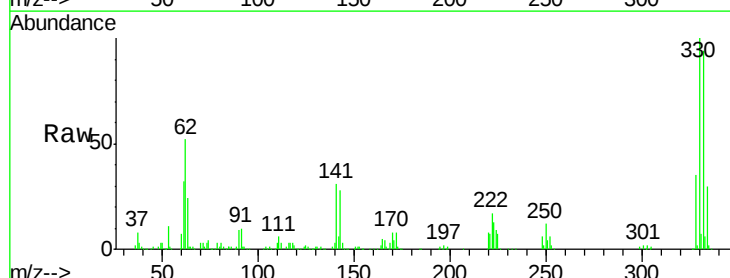
Tgt Ion: 330 Resp: 464343

Ion Ratio Lower Upper

330 100

332 93.8 75.7 113.5

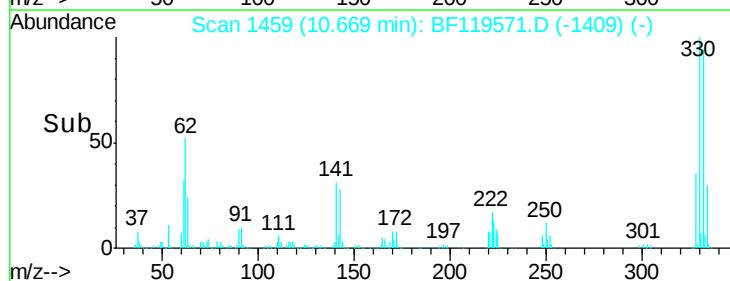
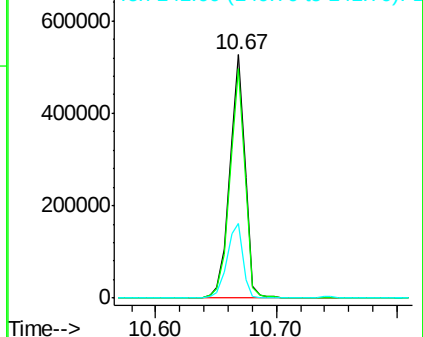
141 32.1 25.4 38.0



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

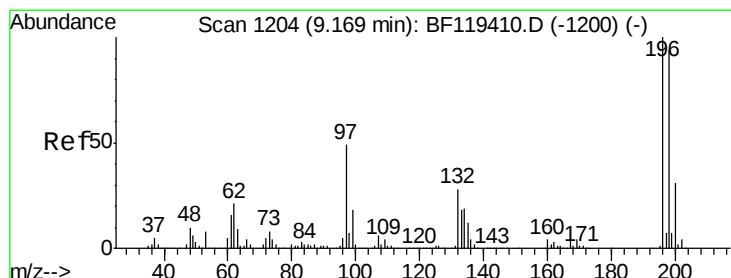
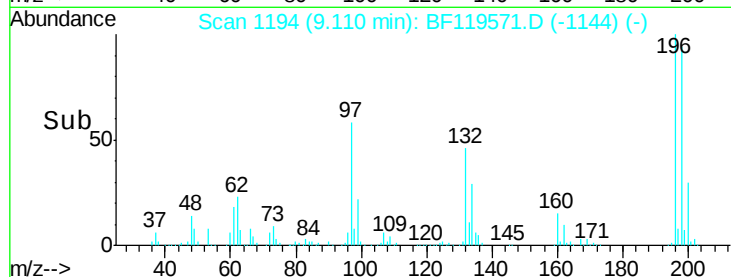
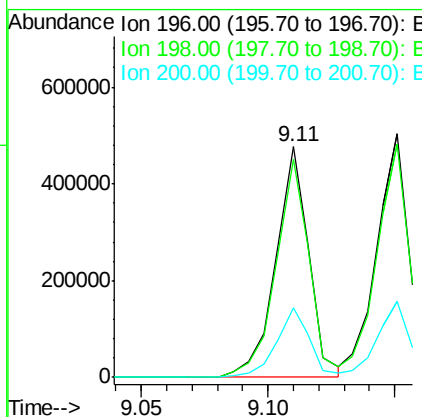
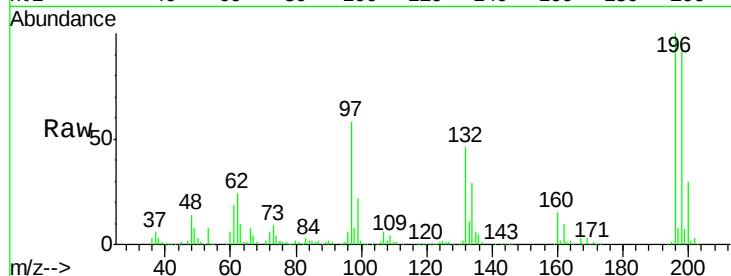




#43
 2,4,6-Trichlorophenol
 Concen: 41.94 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

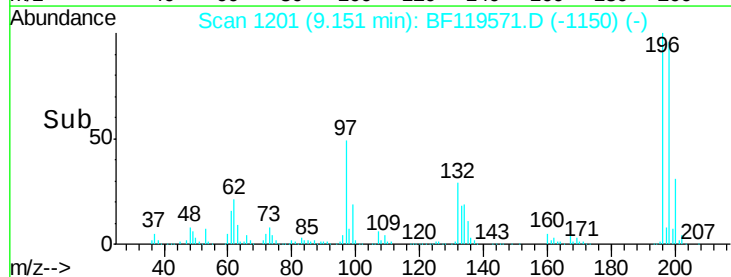
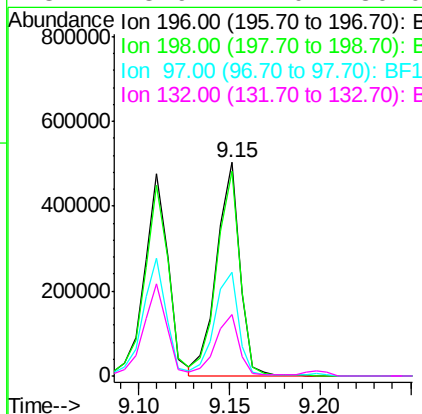
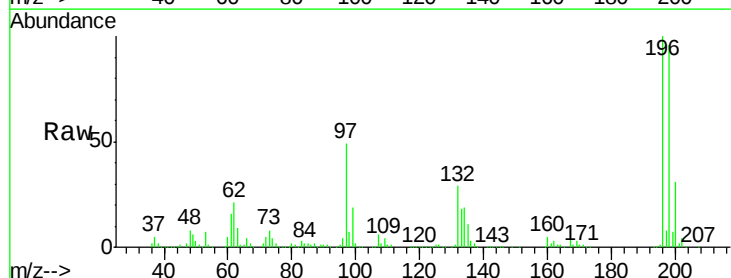
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

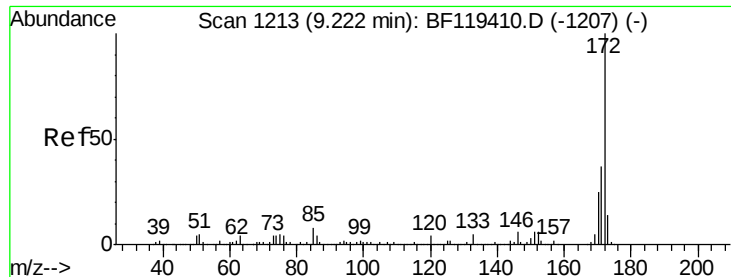
Tgt Ion:196 Resp: 434730
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 115.0
 200 30.0 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.54 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:196 Resp: 447544
 Ion Ratio Lower Upper
 196 100
 198 96.0 73.8 110.8
 97 48.8 42.6 63.8
 132 28.9 24.0 36.0

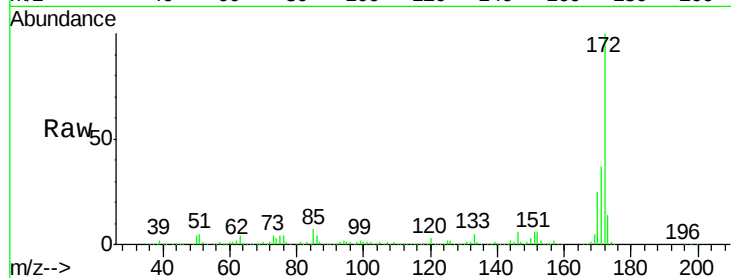




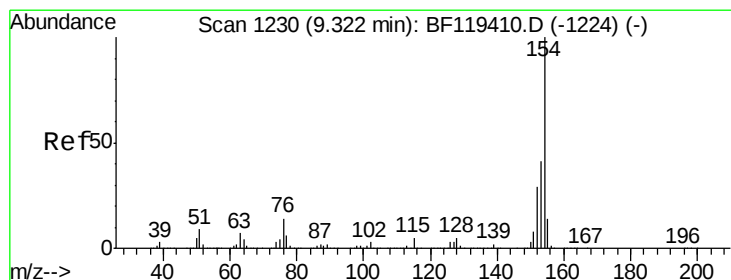
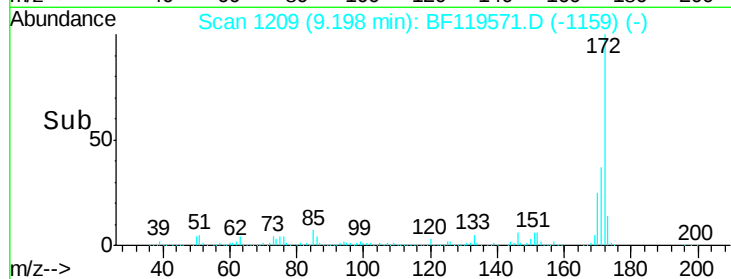
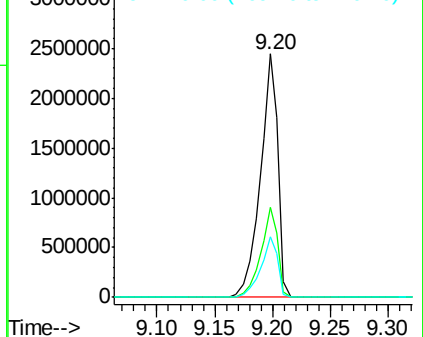
#45
 2-Fluorobiphenyl
 Concen: 77.54 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion:172 Resp: 2586429
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.9 20.2 30.2

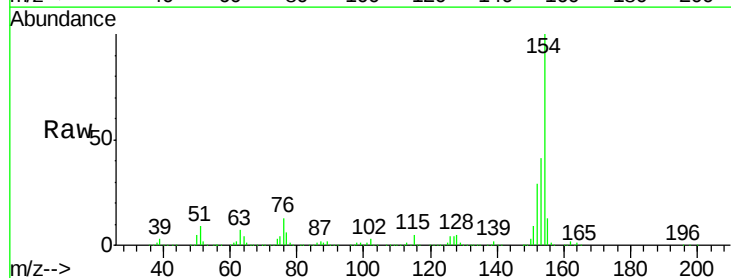


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

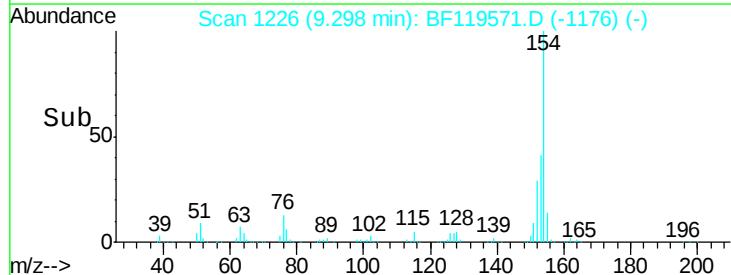
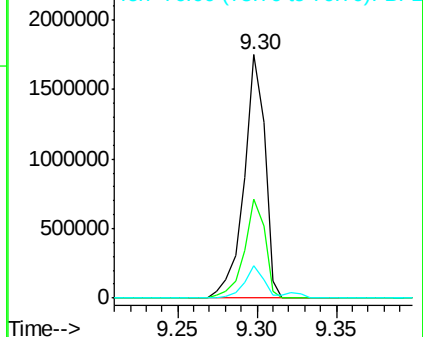


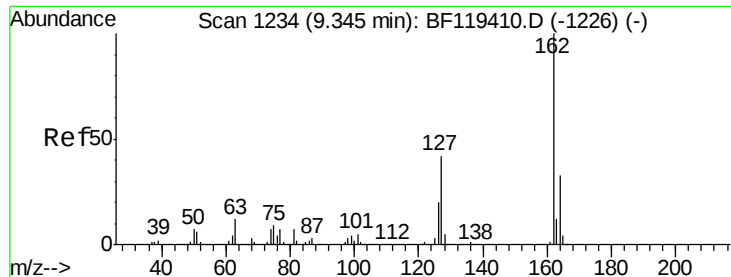
#46
 1,1'-Biphenyl
 Concen: 39.50 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:154 Resp: 1589903
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.4 61.4
 76 13.4 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

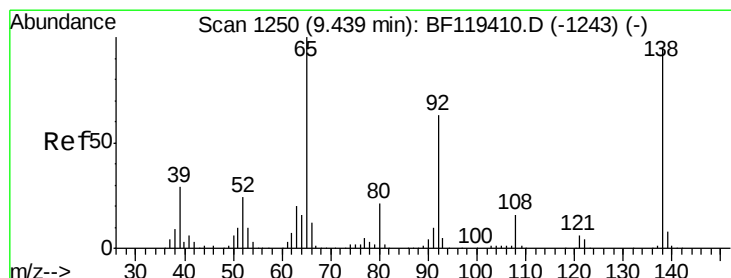
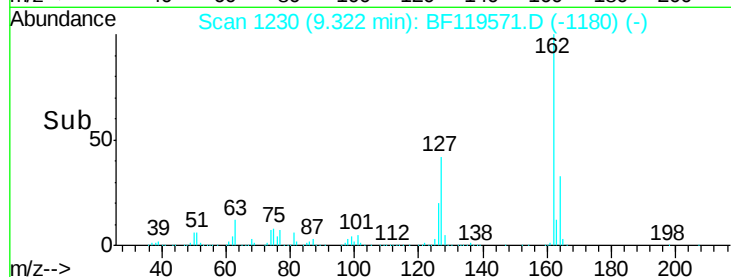
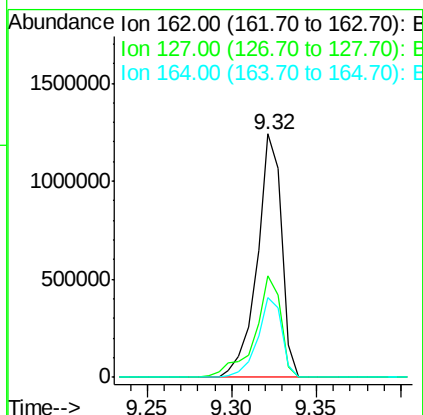
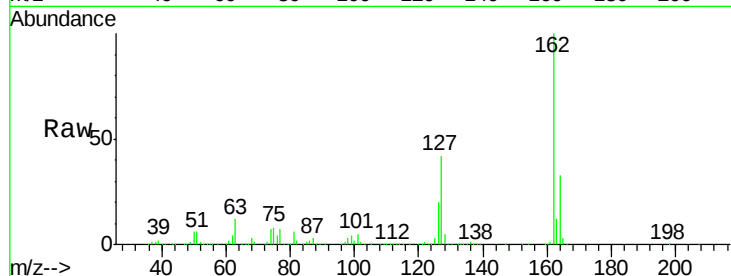




#47
 2-Chloronaphthalene
 Concen: 39.52 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

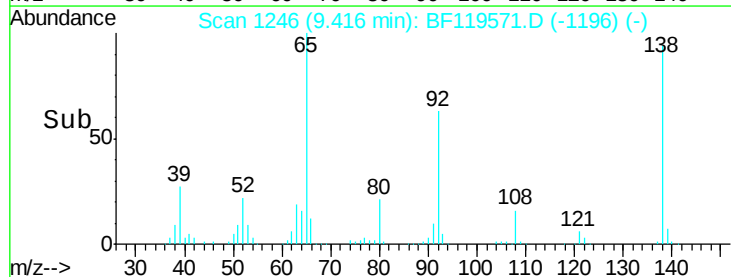
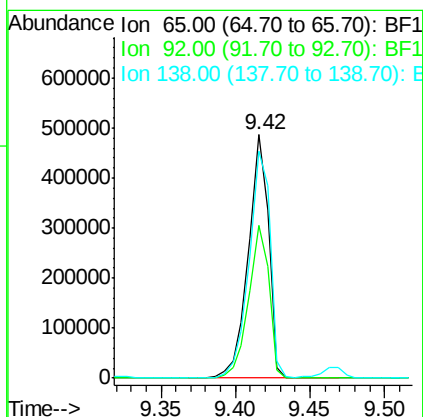
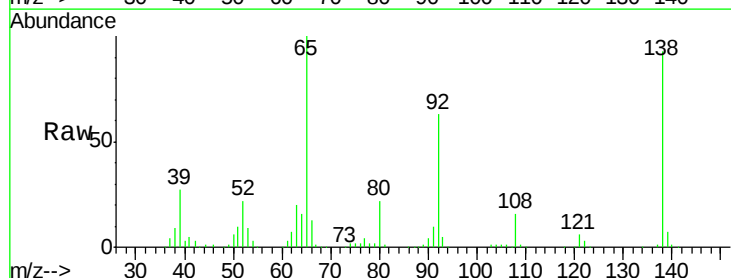
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

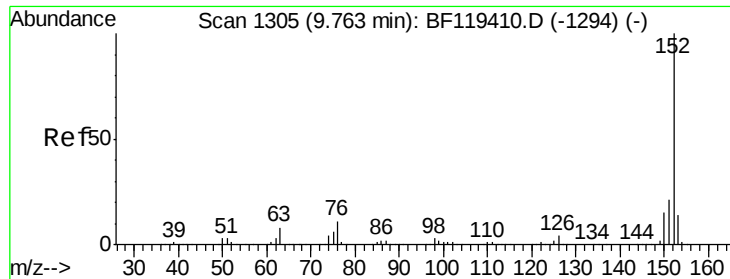
Tgt Ion: 162 Resp: 1245975
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.7 50.5
 164 33.0 26.3 39.5



#48
 2-Nitroaniline
 Concen: 41.96 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion: 65 Resp: 456538
 Ion Ratio Lower Upper
 65 100
 92 62.8 50.0 75.0
 138 93.4 75.0 112.4





#49

Acenaphthylene

Concen: 40.57 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

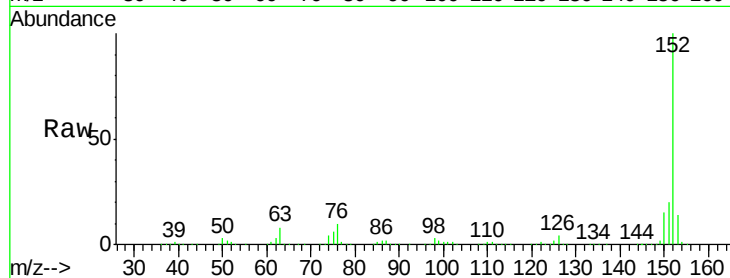
Tgt Ion:152 Resp: 2008251

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

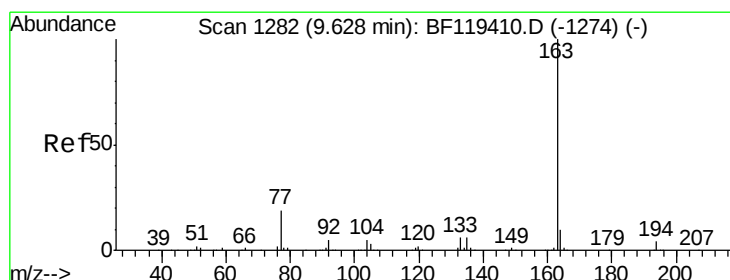
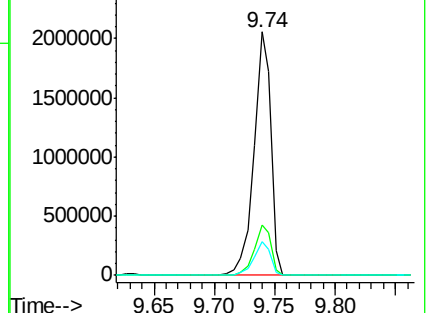
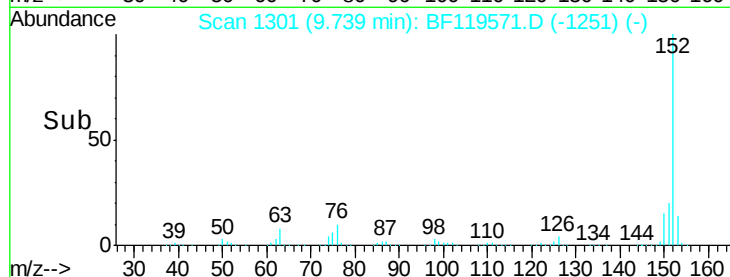
153 13.8 11.2 16.8



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: 41.59 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

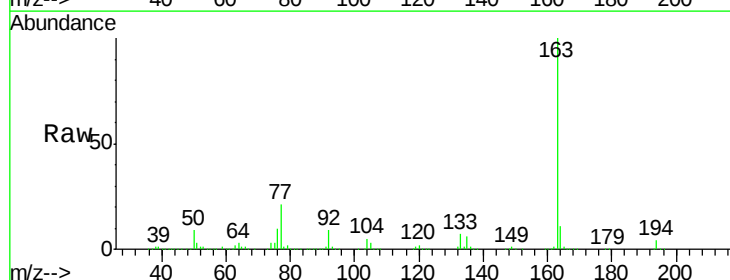
Tgt Ion:163 Resp: 1459719

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

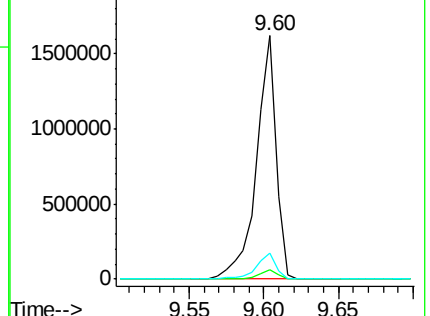
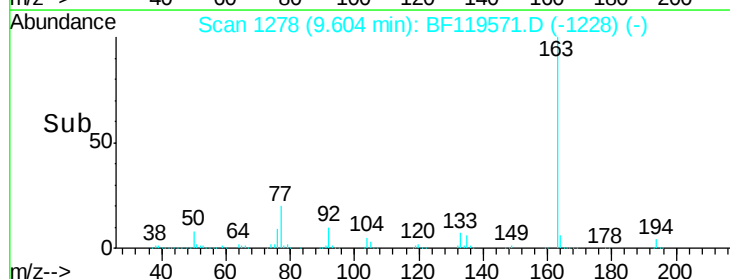
164 10.5 8.2 12.2

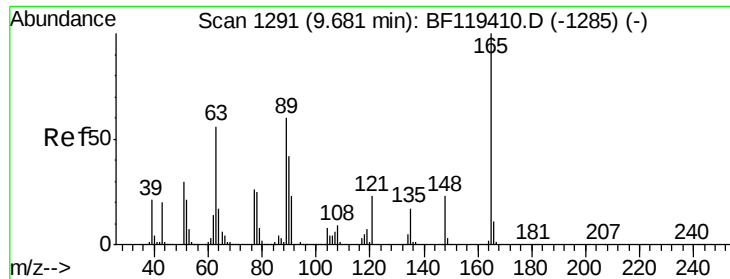


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

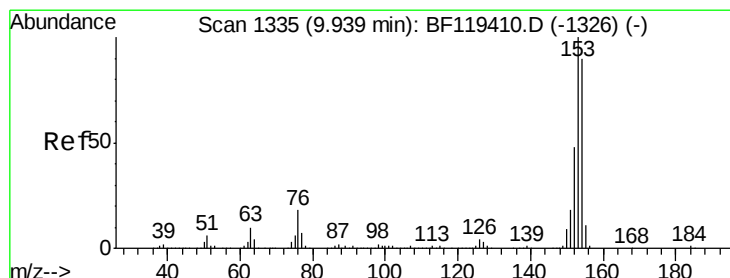
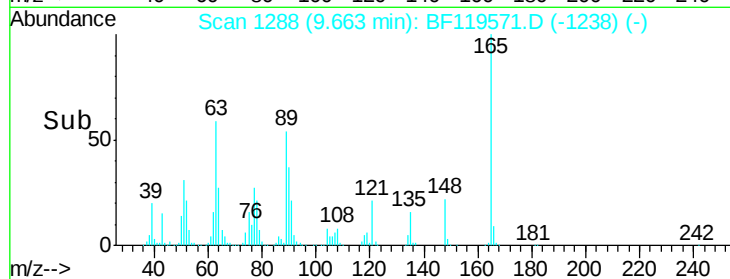
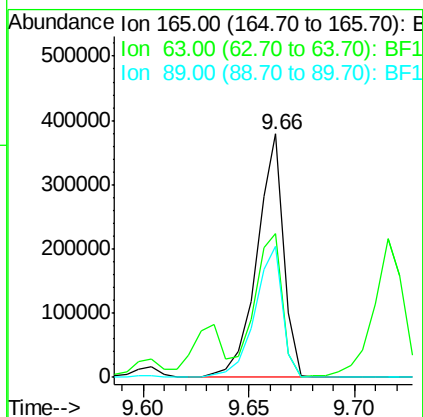
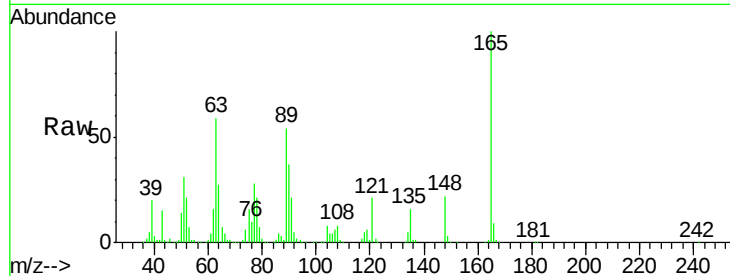




#51
2,6-Dinitrotoluene
Concen: 44.32 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

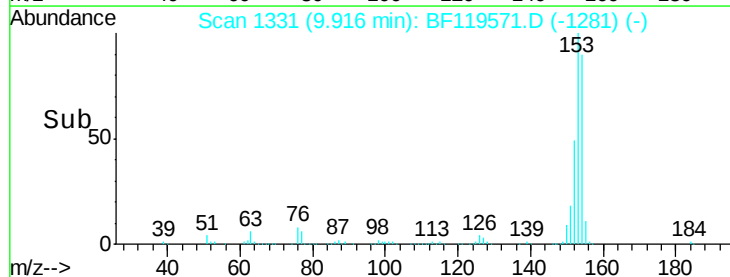
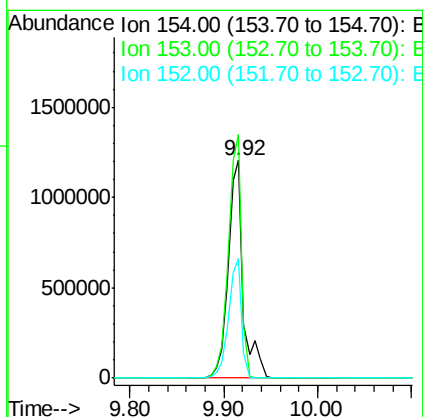
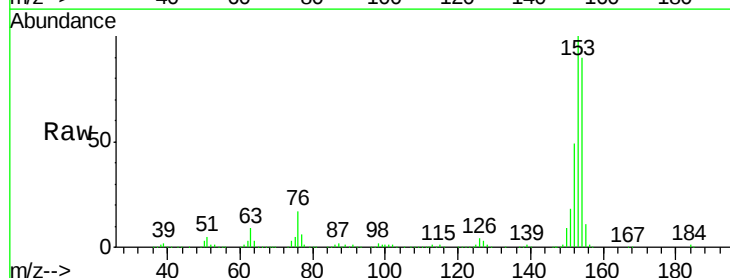
Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tgt Ion:165 Resp: 333433
Ion Ratio Lower Upper
165 100
63 59.3 45.0 67.4
89 53.6 41.5 62.3



#52
Acenaphthene
Concen: 43.35 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:154 Resp: 1338009
Ion Ratio Lower Upper
154 100
153 111.7 88.1 132.1
152 54.7 43.0 64.4

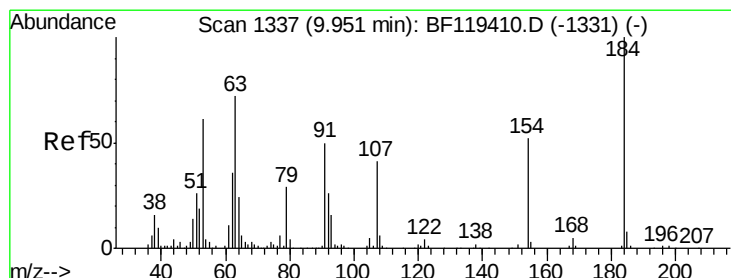
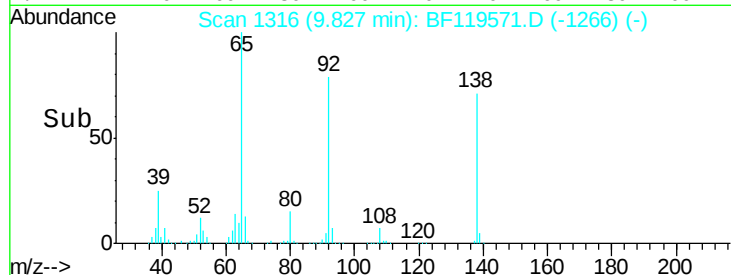
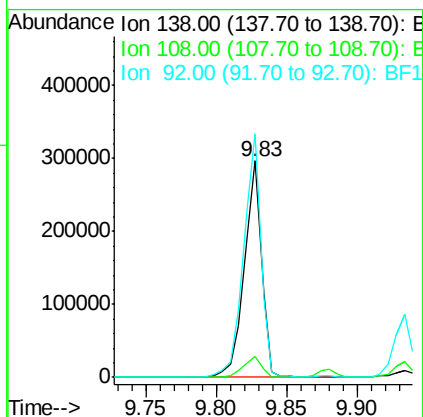
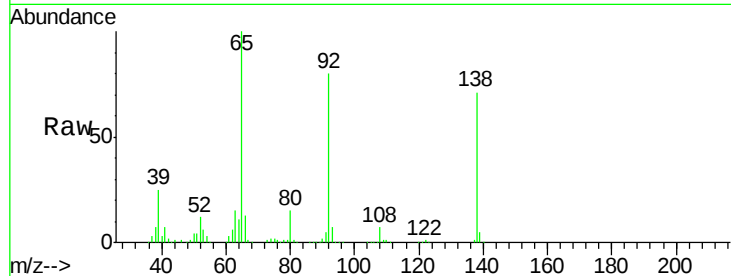




#53
 3-Nitroaniline
 Concen: 26.76 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

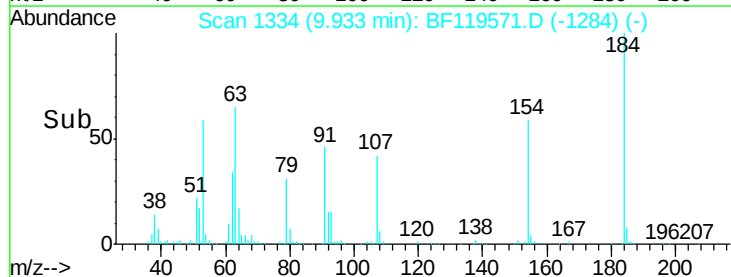
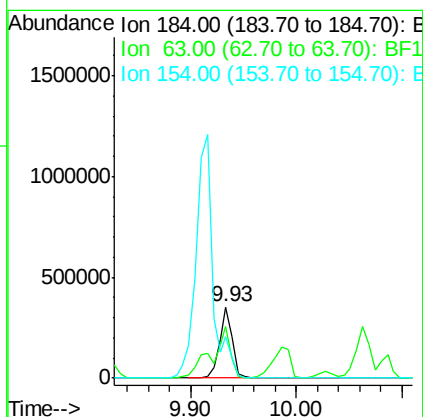
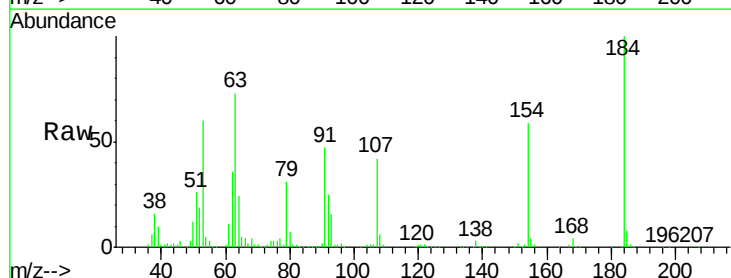
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

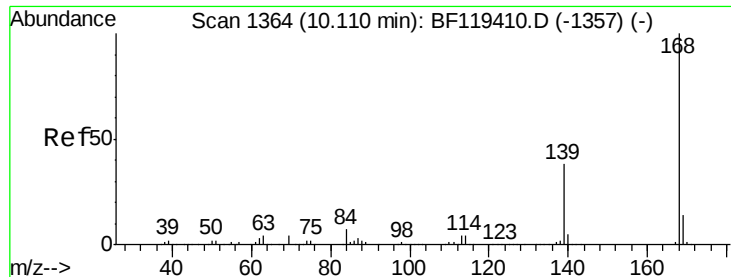
Tgt Ion:138 Resp: 254190
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.6 13.0
 92 112.7 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 92.31 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:184 Resp: 304507
 Ion Ratio Lower Upper
 184 100
 63 73.1 50.2 75.4
 154 58.7 44.5 66.7

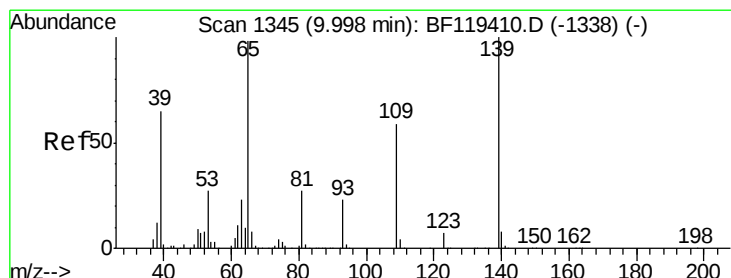
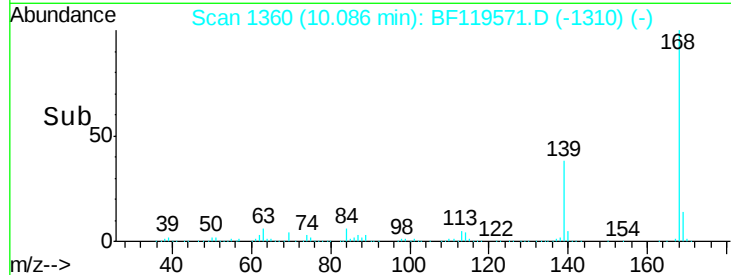
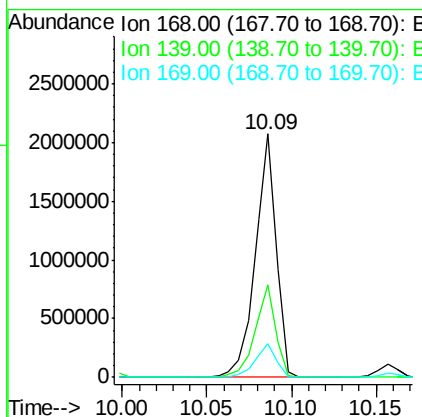
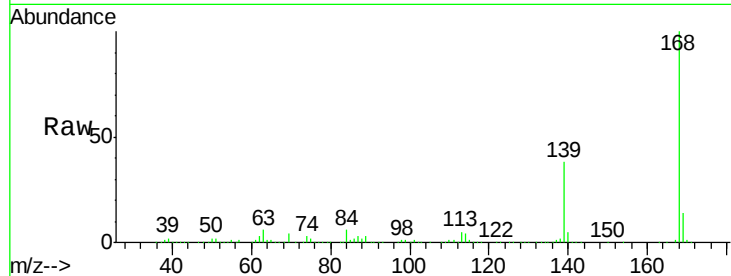




#55
Dibenzenofuran
Concen: 40.66 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

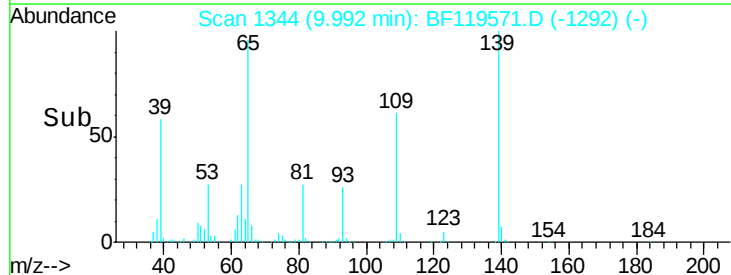
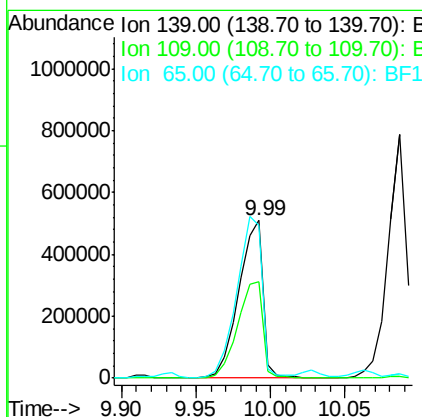
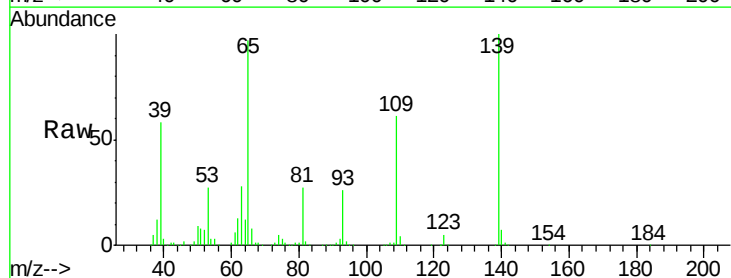
Instrument :
BNA_F
ClientSampleId :
PB127859BS

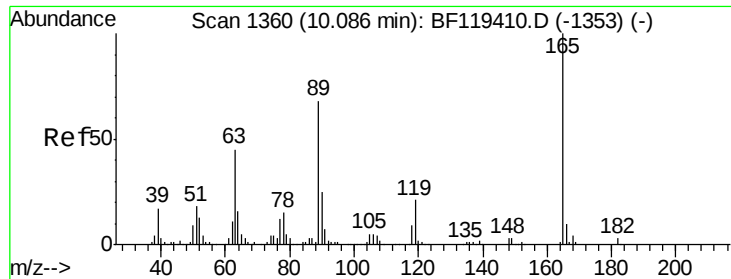
Tgt Ion:168 Resp: 1799100
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 76.80 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:139 Resp: 575457
Ion Ratio Lower Upper
139 100
109 61.2 43.3 83.3
65 96.5 91.0 131.0

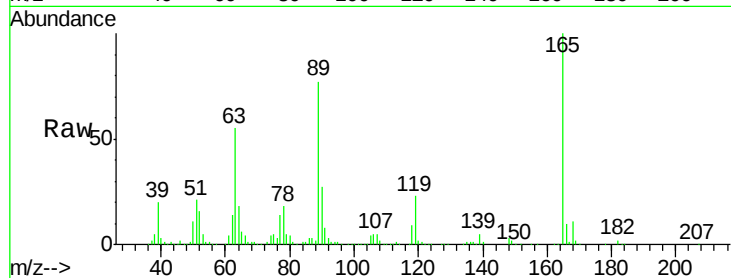




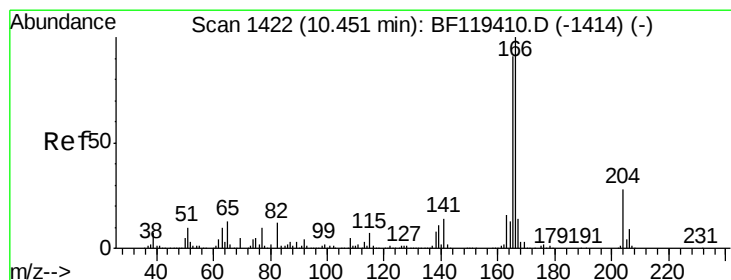
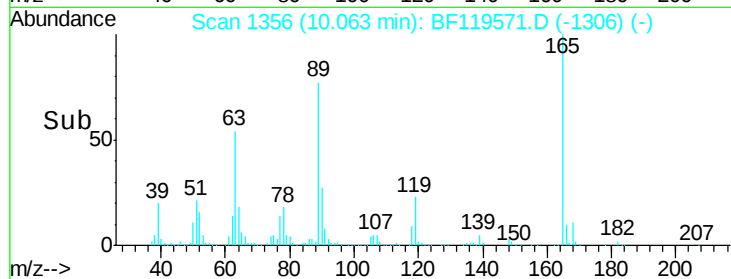
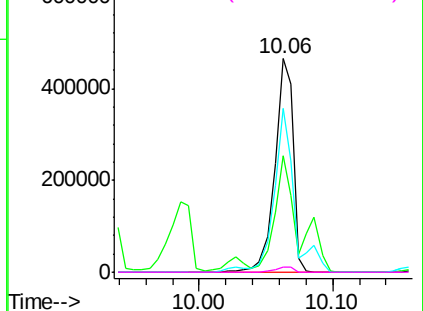
#57
2,4-Dinitrotoluene
Concen: 47.05 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tgt Ion:165 Resp: 445904
Ion Ratio Lower Upper
165 100
63 54.5 42.6 64.0
89 76.6 61.0 91.4
182 2.2 2.2 3.2

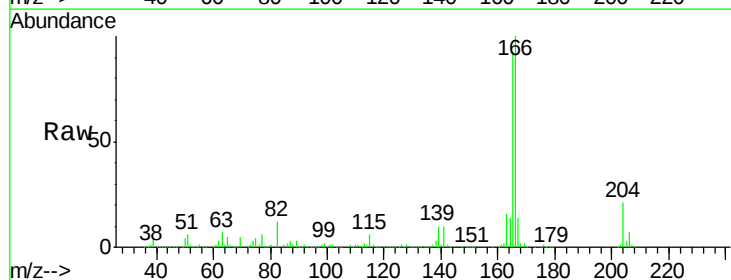


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

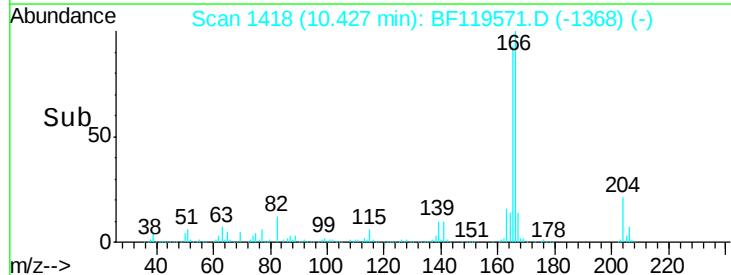
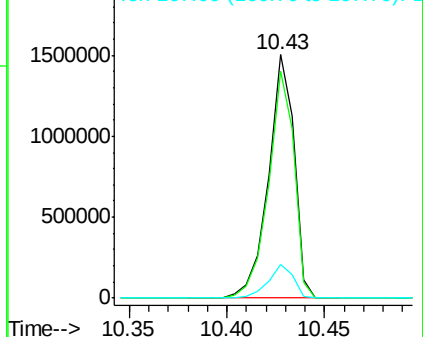


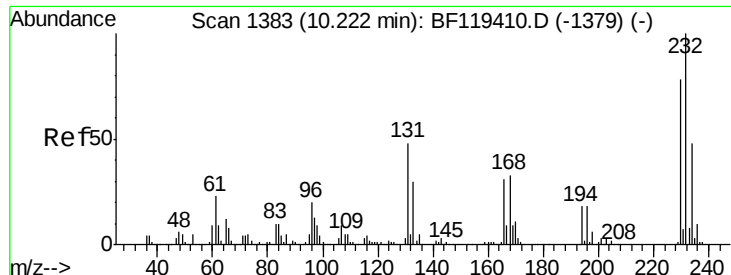
#58
Fluorene
Concen: 41.80 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:166 Resp: 1367726
Ion Ratio Lower Upper
166 100
165 93.0 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

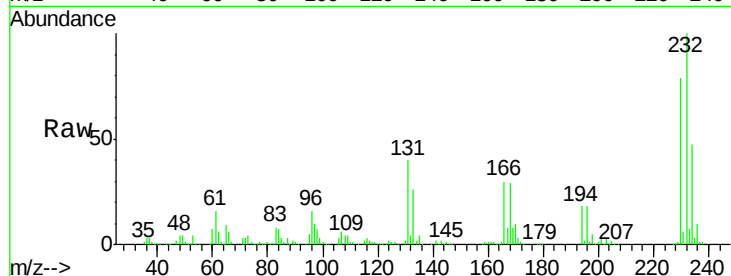




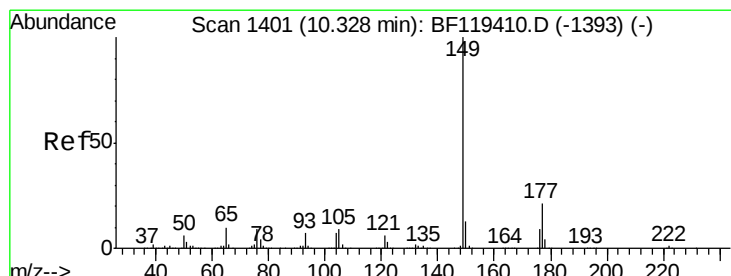
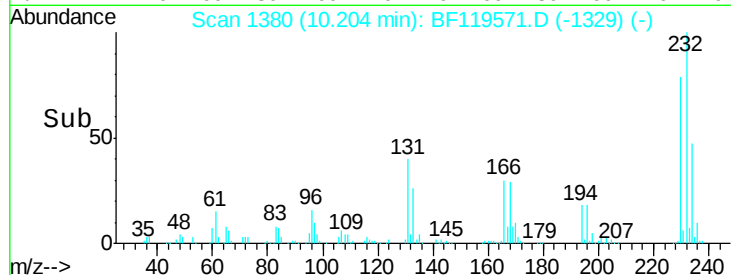
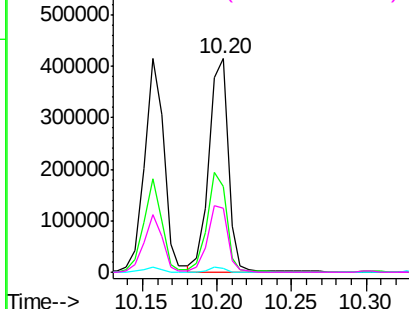
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.23 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

Tgt Ion: 232 Resp: 375237
 Ion Ratio Lower Upper
 232 100
 131 46.7 37.5 56.3
 130 2.1 1.8 2.6
 166 32.7 24.6 36.8

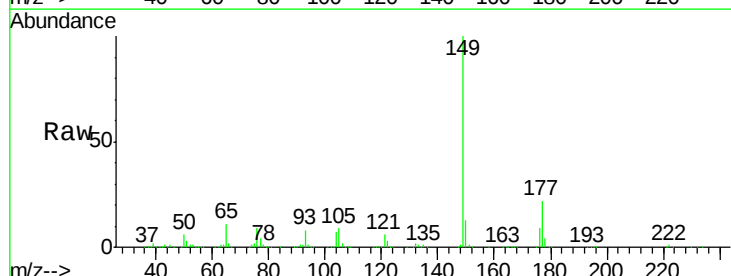


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

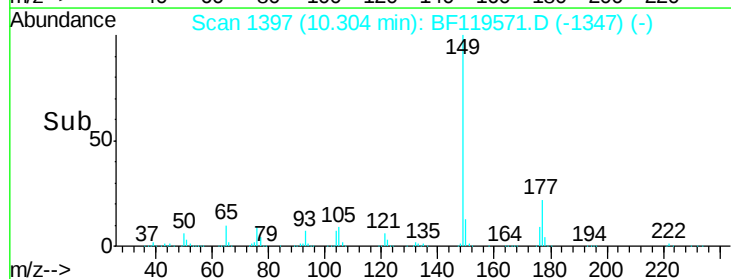
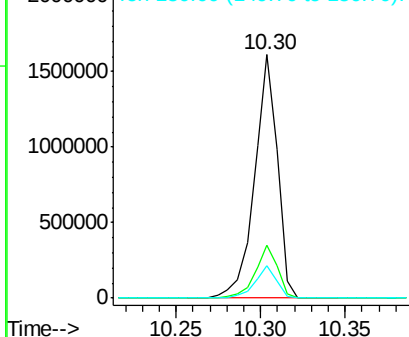


#60
 Diethylphthalate
 Concen: 42.58 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion: 149 Resp: 1516836
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.0 25.6
 150 13.1 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

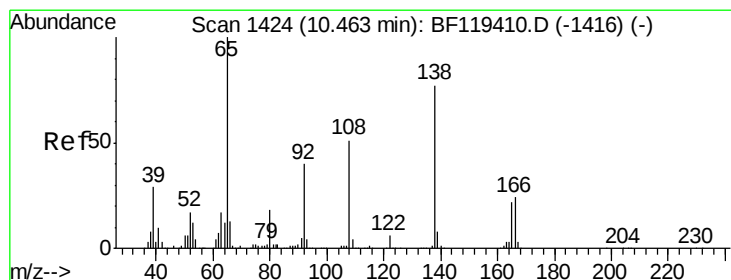
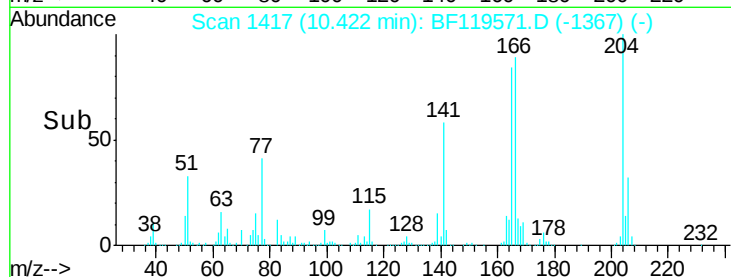
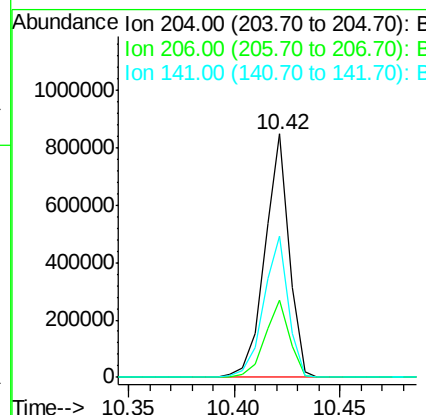
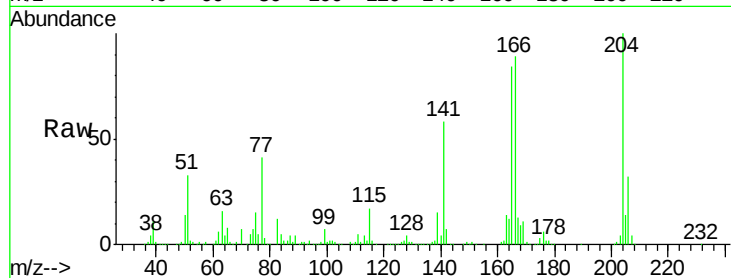




#61
 4-Chlorophenyl-phenylether
 Concen: 42.24 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

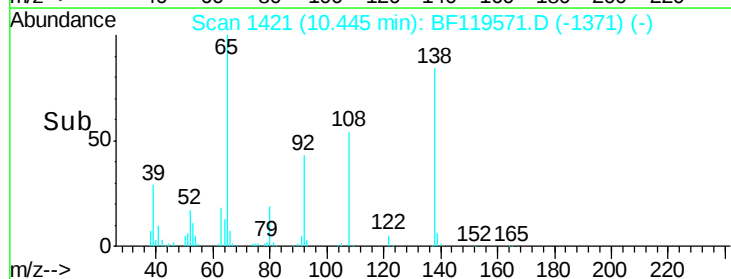
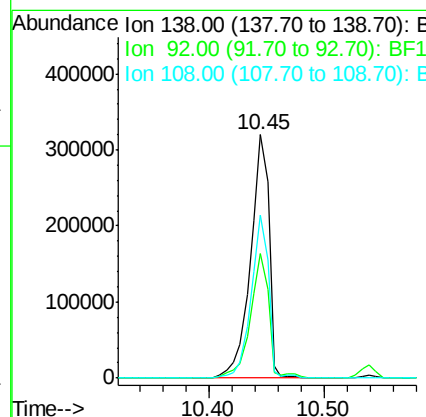
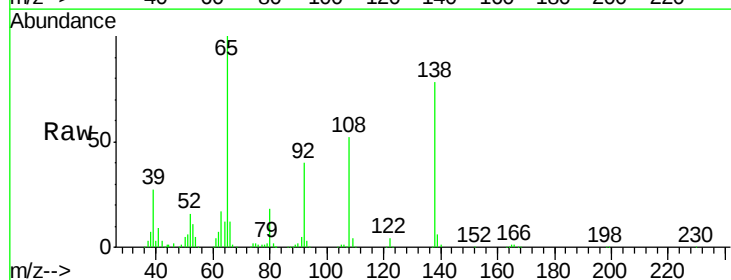
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

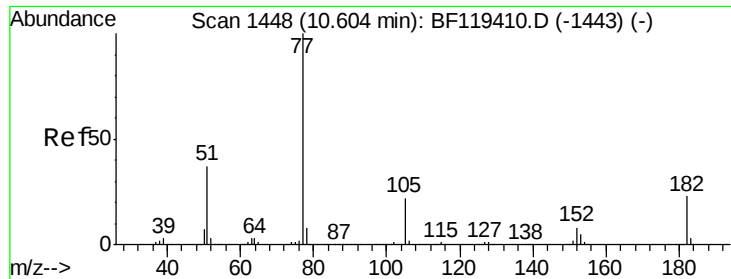
Tgt Ion: 204 Resp: 675941
 Ion Ratio Lower Upper
 204 100
 206 31.8 26.7 40.1
 141 58.2 47.3 70.9



#62
 4-Nitroaniline
 Concen: 39.01 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion: 138 Resp: 355318
 Ion Ratio Lower Upper
 138 100
 92 51.3 31.5 71.5
 108 67.1 45.8 85.8





#63

Azobenzene

Concen: 40.18 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

Tgt Ion: 77 Resp: 1441440

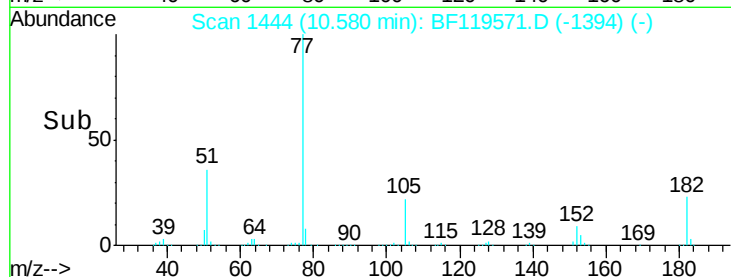
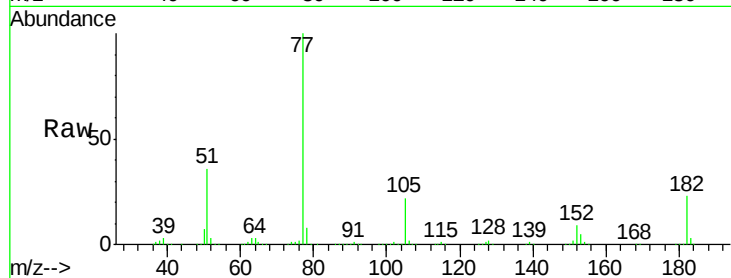
Ion Ratio Lower Upper

77 100

182 23.3 4.4 44.4

105 22.3 2.6 42.6

51 35.7 15.1 55.1

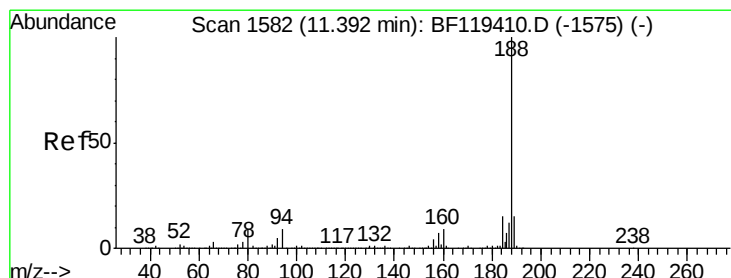
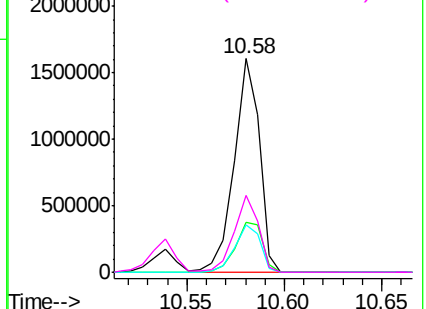


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

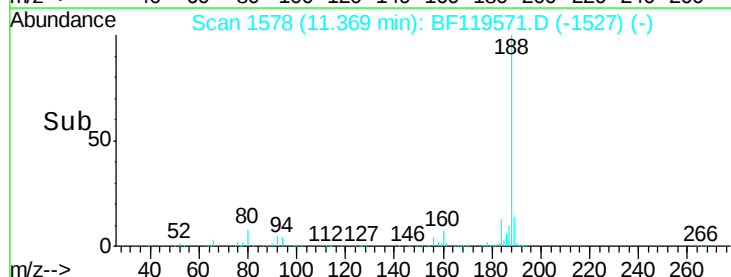
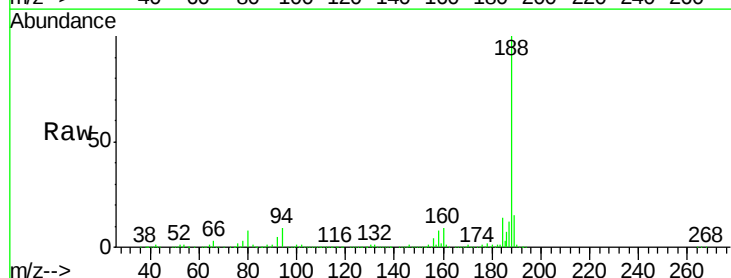
Tgt Ion: 188 Resp: 959568

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

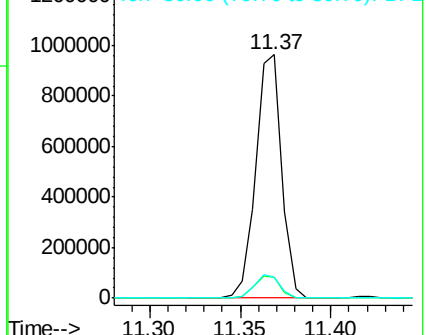
80 8.4 9.0 13.4#



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

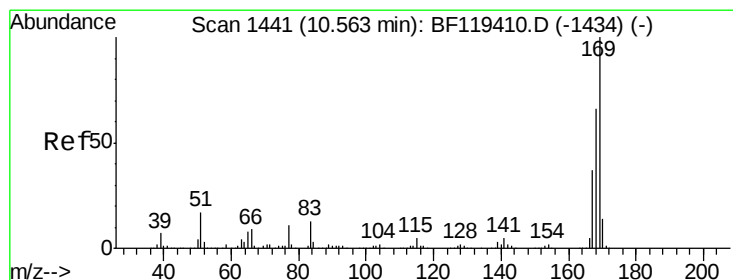
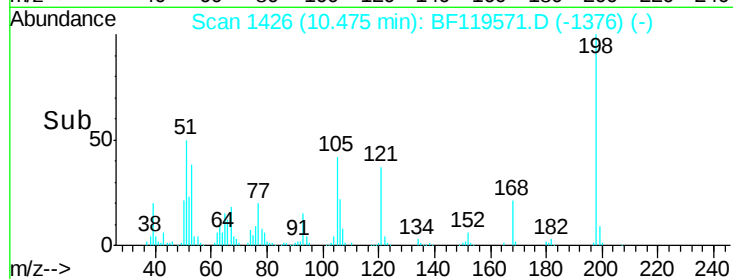
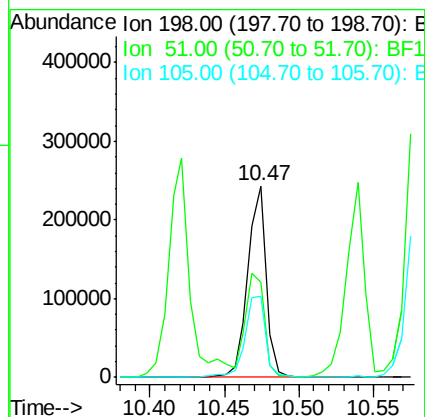
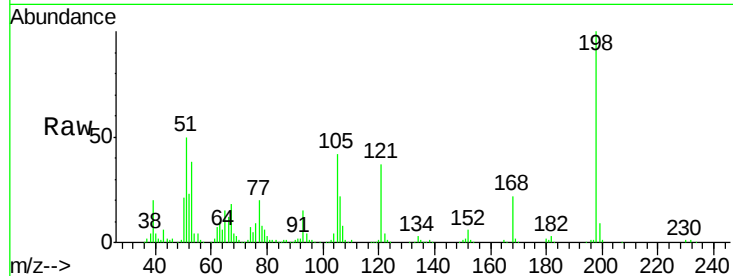




#65
4,6-Dinitro-2-methylphenol
Concen: 51.85 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

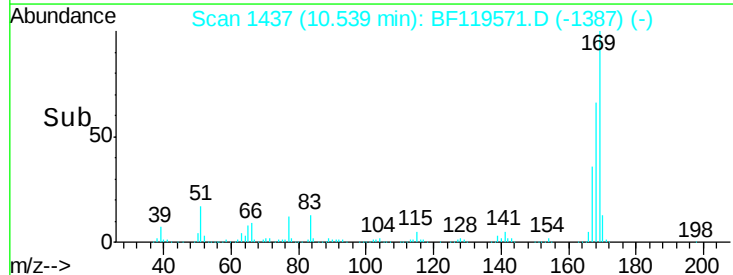
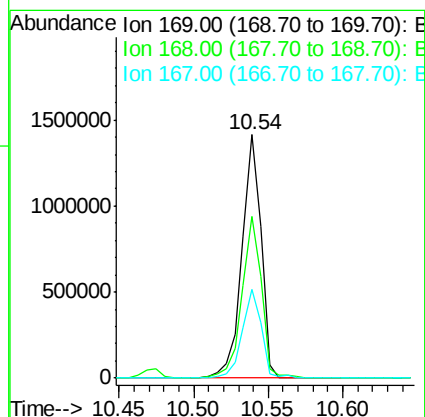
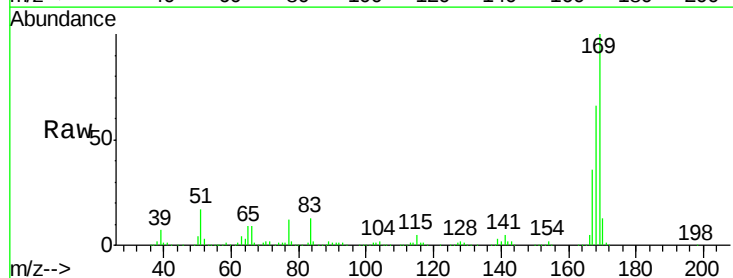
Instrument :
BNA_F
ClientSampleId :
PB127859BS

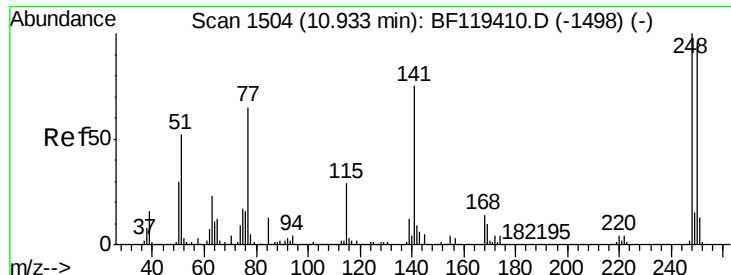
Tgt Ion:198 Resp: 208613
Ion Ratio Lower Upper
198 100
51 49.9 29.0 69.0
105 42.2 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 40.19 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:169 Resp: 1266076
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.2 29.1 43.7

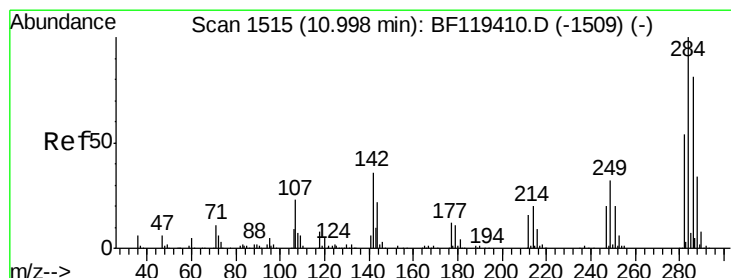
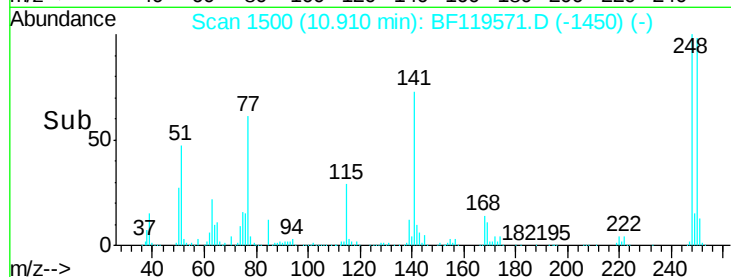
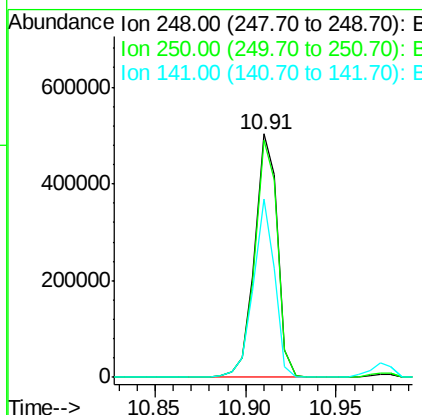
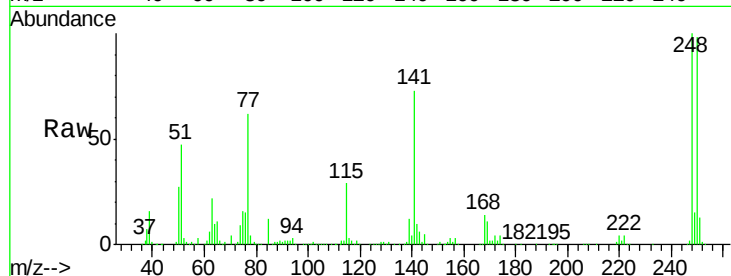




#67
 4-Bromophenyl-phenylether
 Concen: 40.34 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

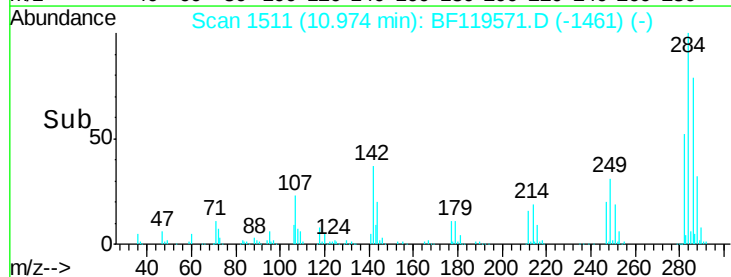
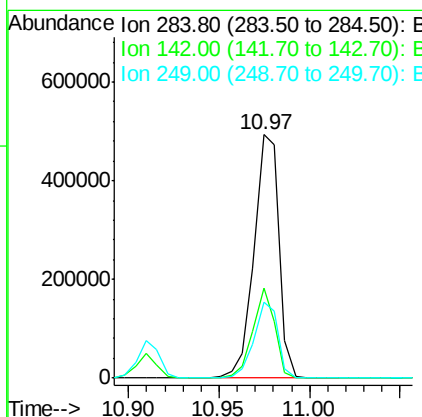
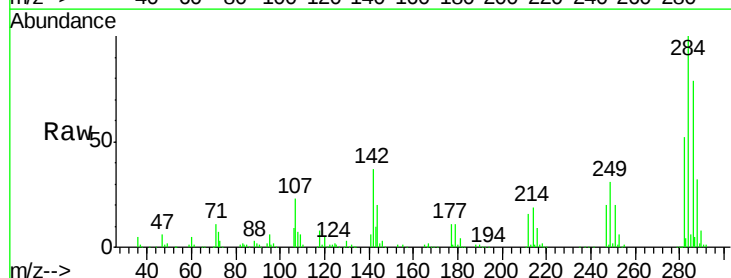
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

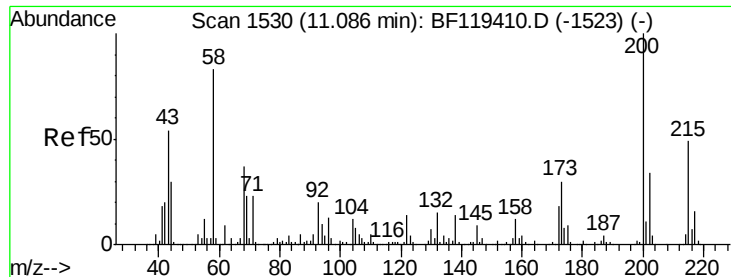
Tgt Ion:248 Resp: 440891
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.3 115.9
 141 73.4 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 42.21 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:284 Resp: 472143
 Ion Ratio Lower Upper
 284 100
 142 36.9 29.2 43.8
 249 31.4 25.1 37.7





#69

Atrazine

Concen: 44.56 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

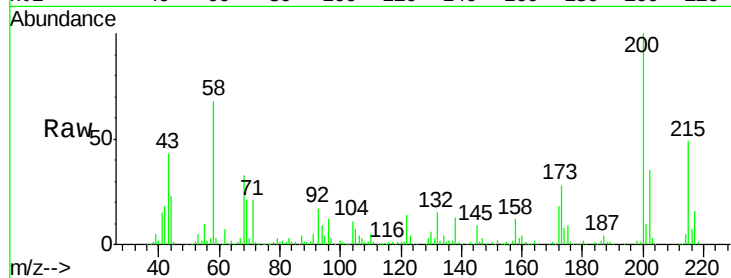
Tgt Ion:200 Resp: 384823

Ion Ratio Lower Upper

200 100

173 28.4 9.3 49.3

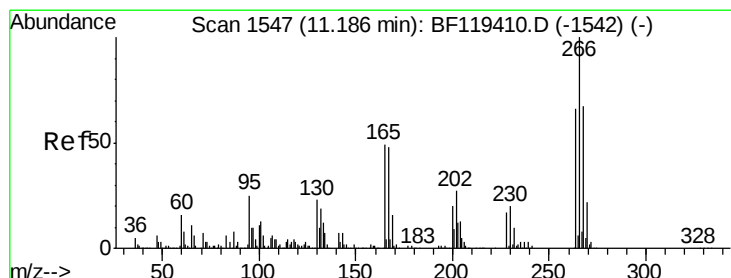
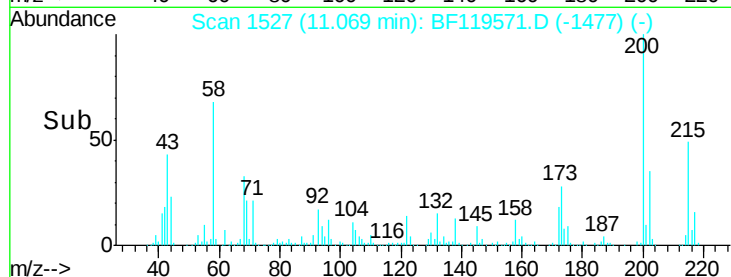
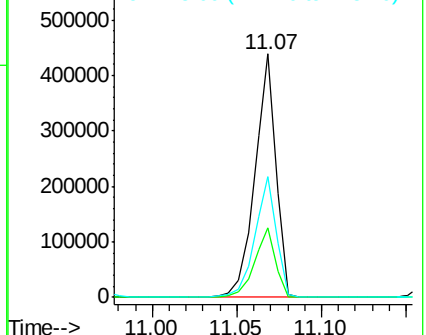
215 49.4 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.89 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

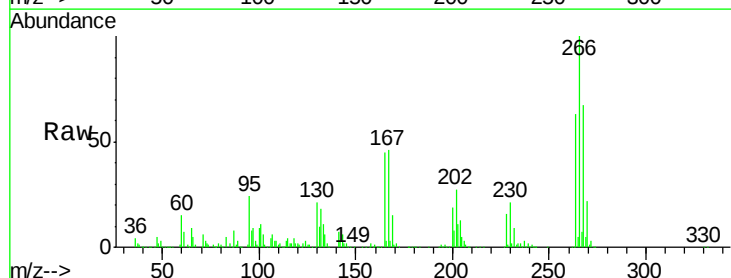
Tgt Ion:266 Resp: 523912

Ion Ratio Lower Upper

266 100

268 67.1 53.3 79.9

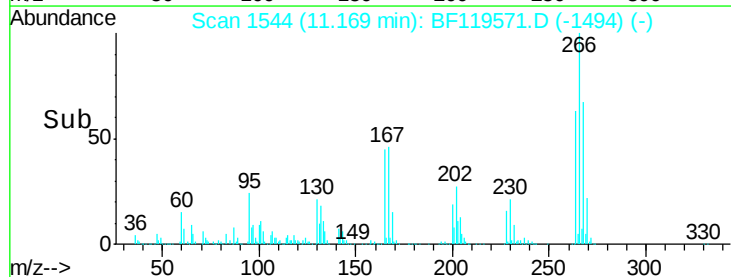
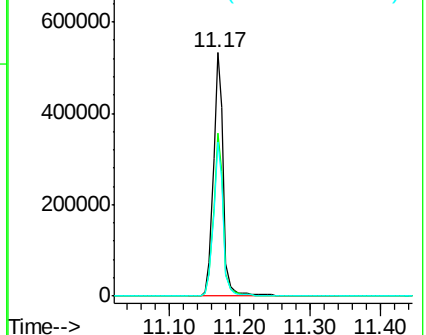
264 63.4 49.0 73.4

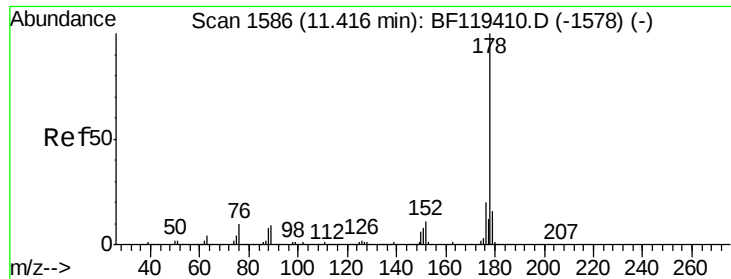


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

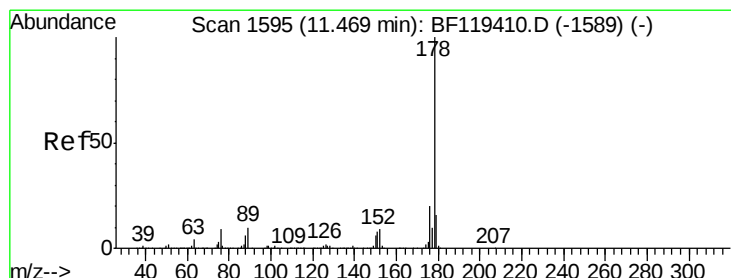
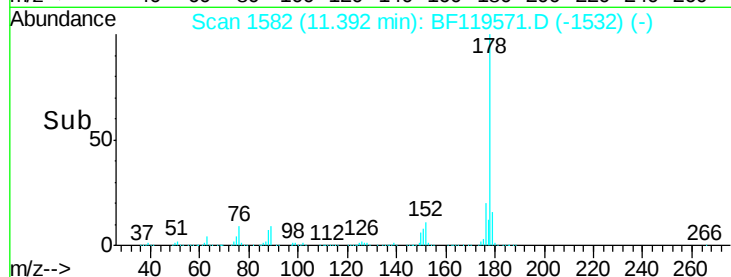
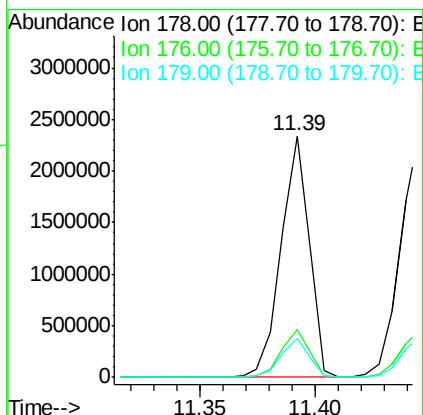
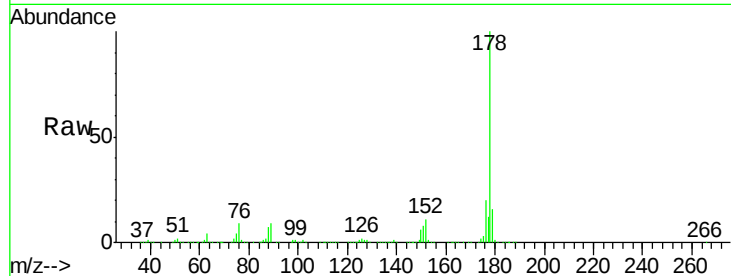




#71
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

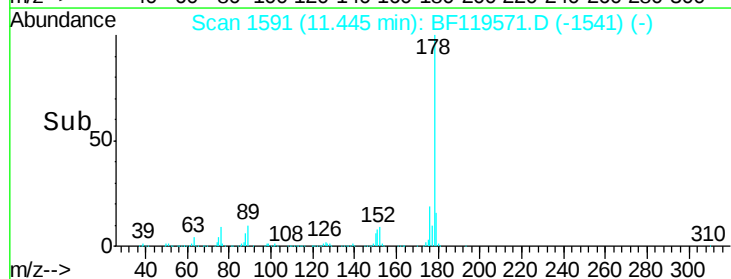
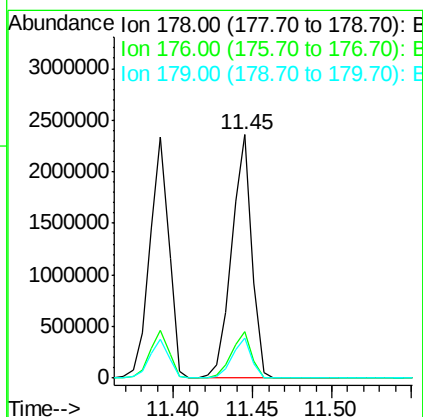
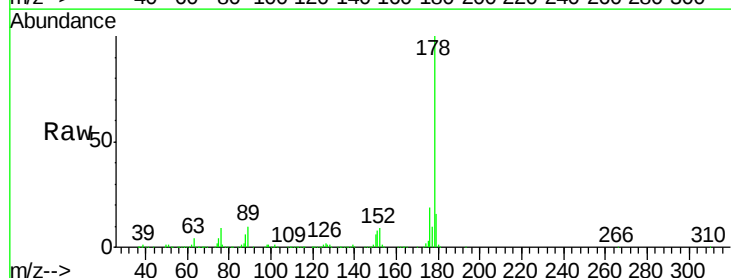
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

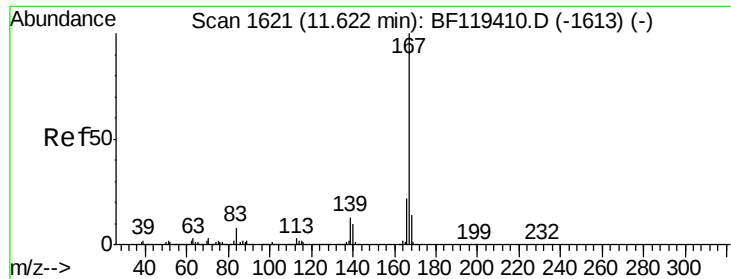
Tgt Ion:178 Resp: 1963234
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.9 13.2 19.8



#72
 Anthracene
 Concen: 40.86 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:178 Resp: 2066250
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.1 24.1
 179 16.3 13.0 19.4

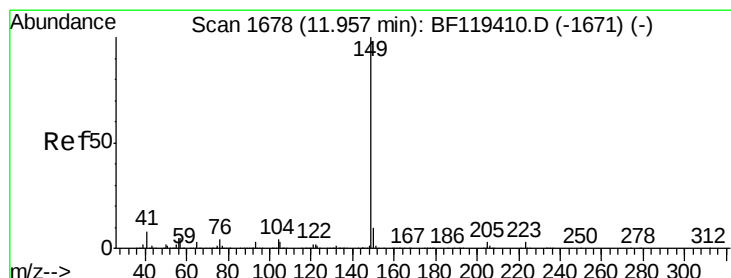
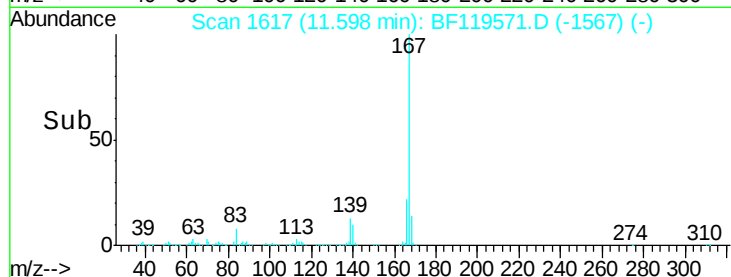
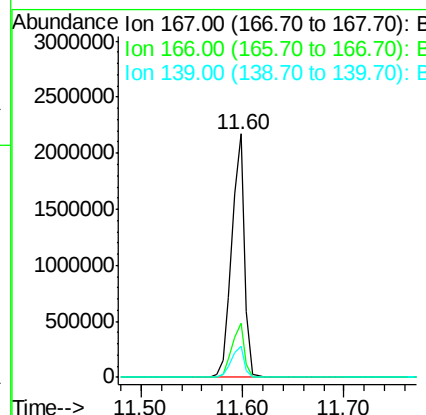
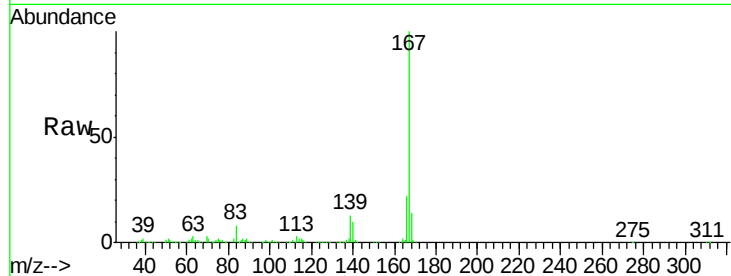




#73
 Carbazole
 Concen: 37.83 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

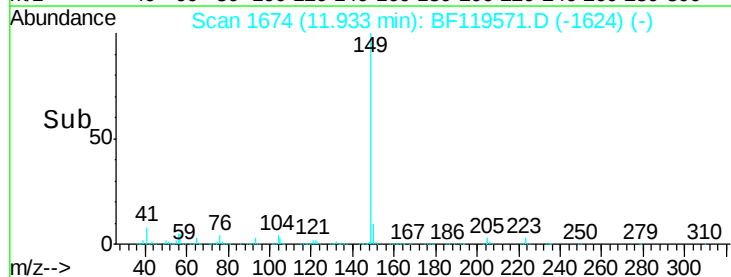
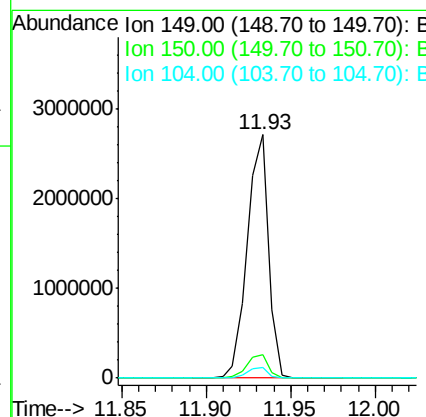
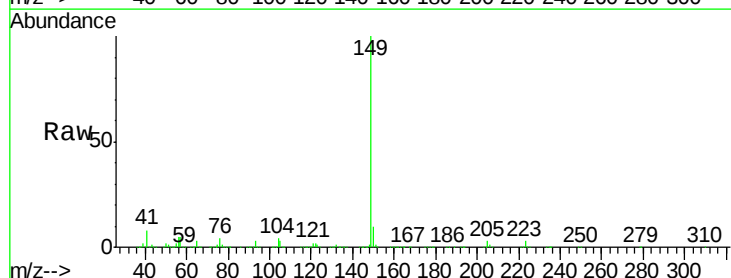
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

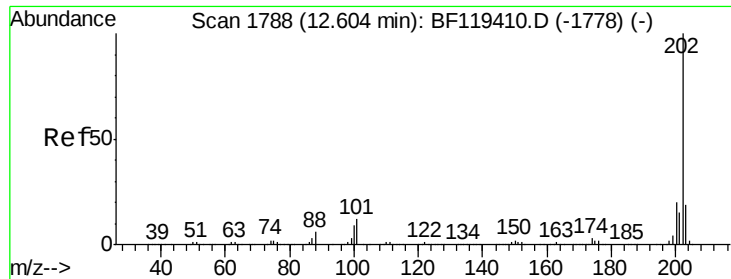
Tgt Ion:167 Resp: 1893299
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.33 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:149 Resp: 2373355
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.5 3.6 5.4

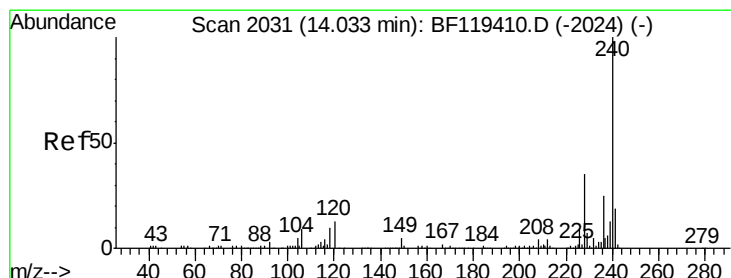
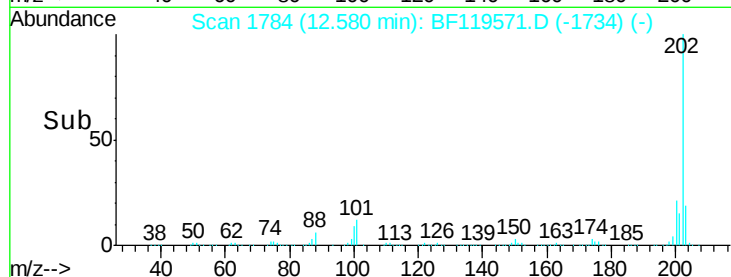
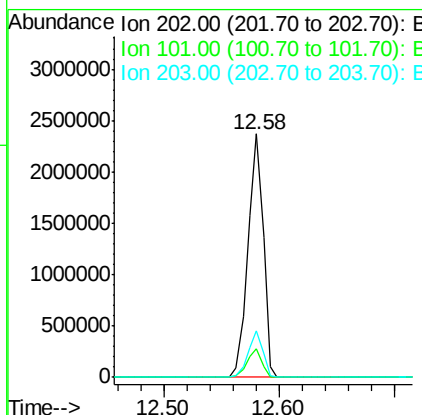
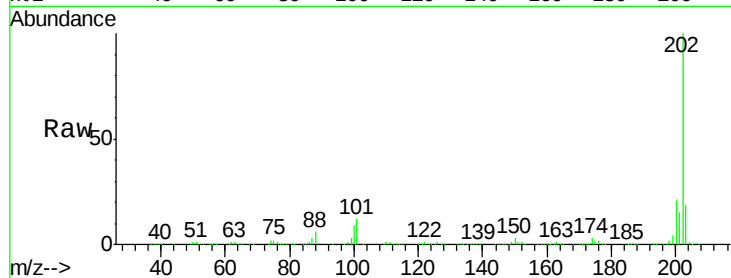




#75
 Fluoranthene
 Concen: 40.14 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

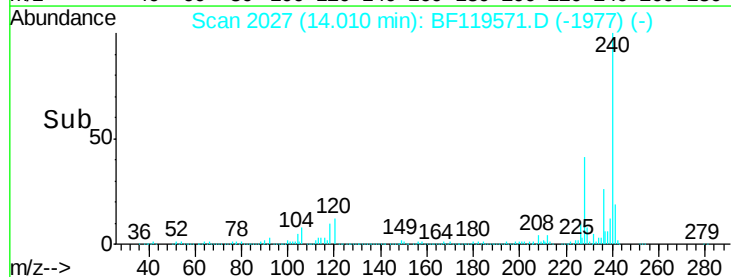
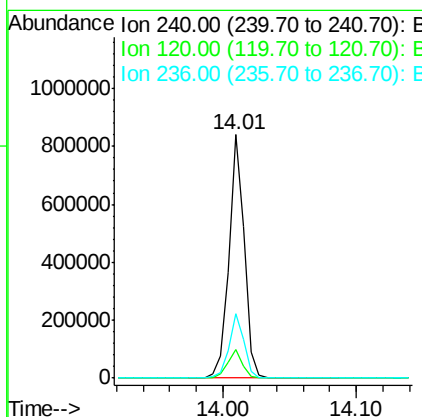
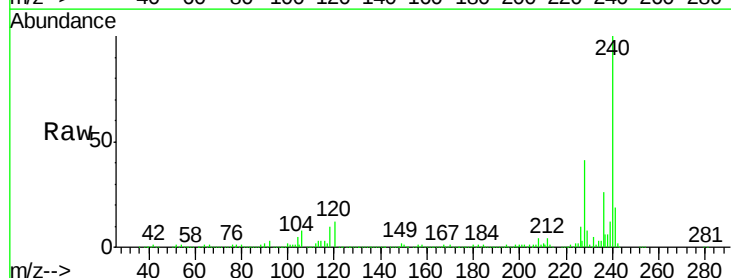
Instrument :
 BNA_F
 ClientSampleId :
 PB127859BS

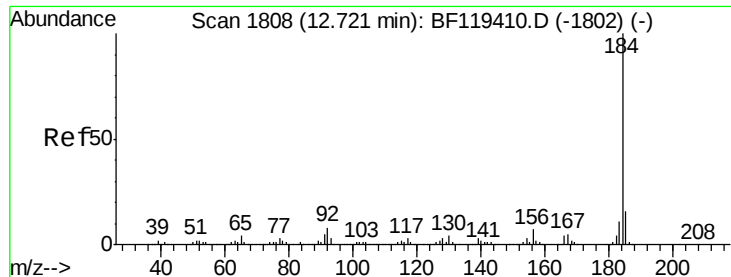
Tgt Ion:202 Resp: 2161212
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.2
 203 19.0 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119571.D
 Acq: 27 Mar 2020 17:05

Tgt Ion:240 Resp: 681251
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.6 15.8
 236 26.4 20.2 30.2





#77

Benzidine

Concen: 36.13 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

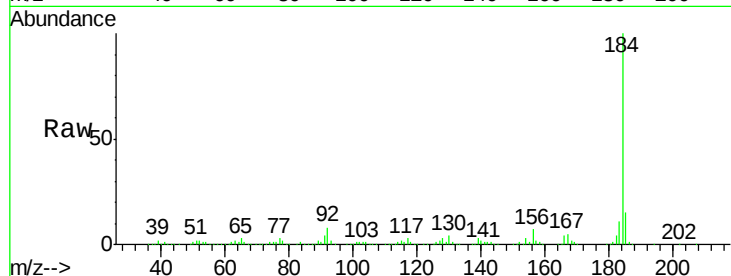
Tgt Ion:184 Resp: 1041792

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

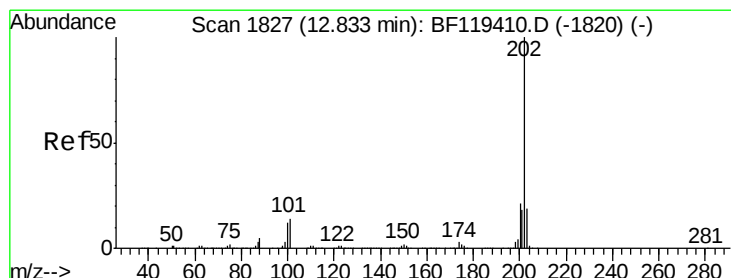
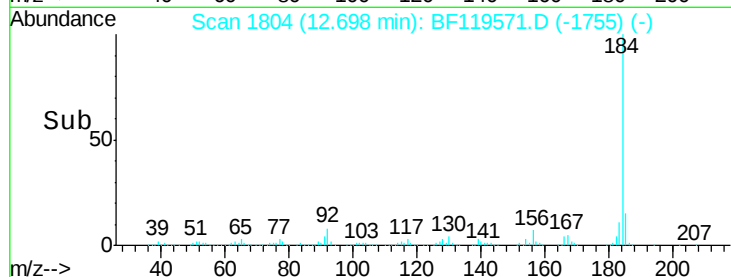
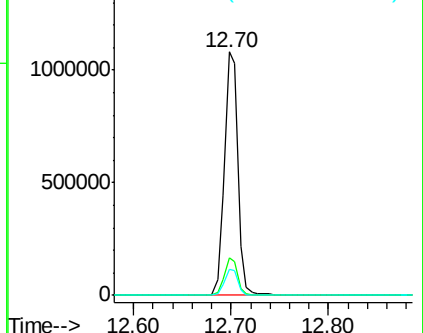
183 10.9 9.0 13.6



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: 39.04 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

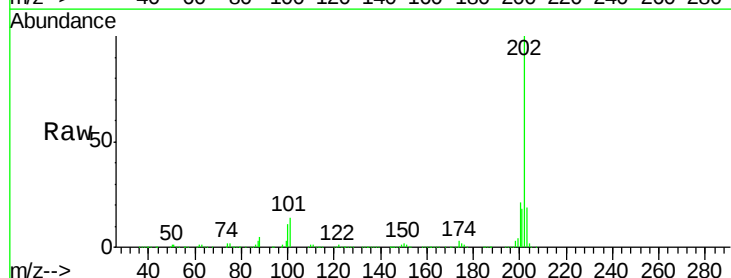
Tgt Ion:202 Resp: 2182809

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

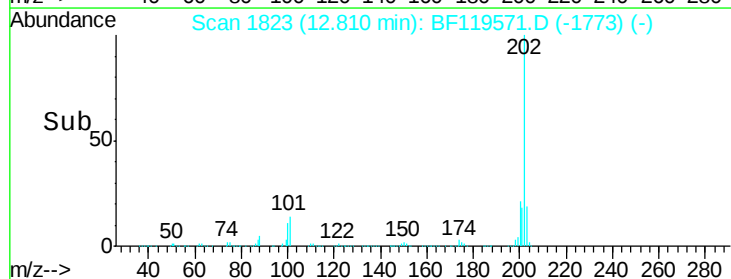
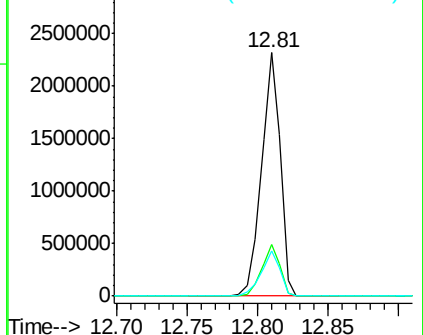
203 18.5 15.1 22.7



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: 85.44 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

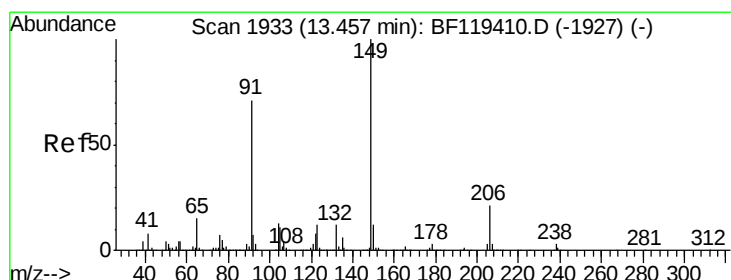
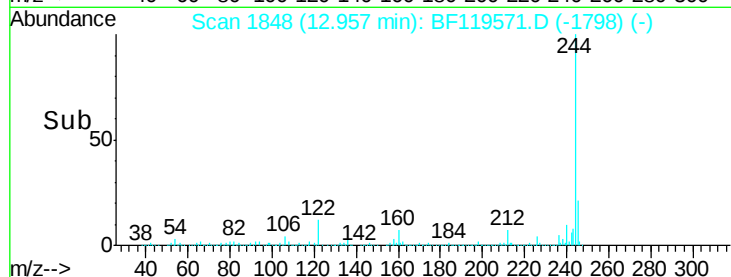
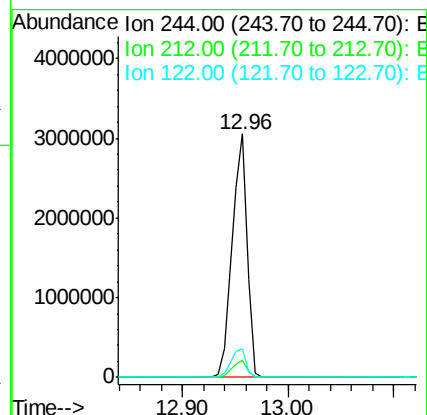
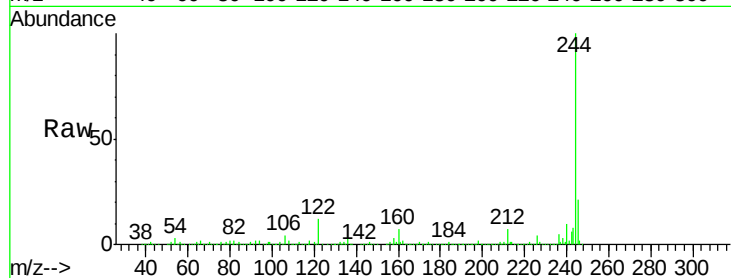
Tgt Ion:244 Resp: 2970920

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.8 10.3 15.5



#80

Butylbenzylphthalate

Concen: 44.43 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

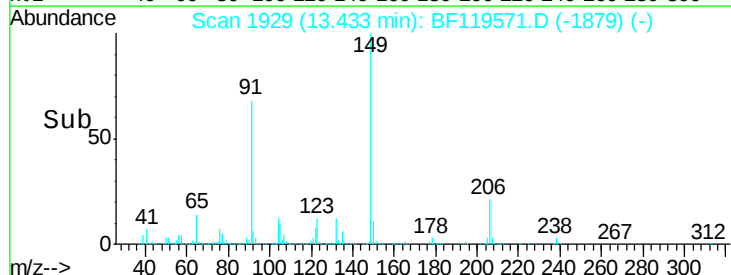
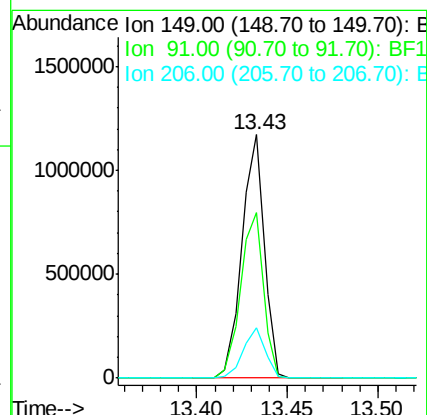
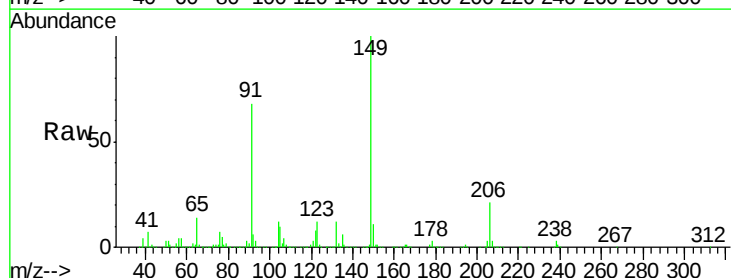
Tgt Ion:149 Resp: 1004598

Ion Ratio Lower Upper

149 100

91 68.1 54.7 82.1

206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.31 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

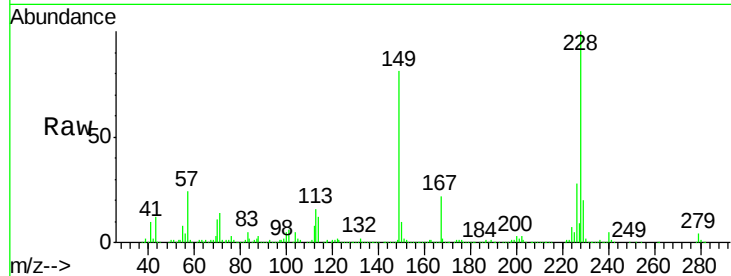
Tgt Ion:228 Resp: 1741302

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

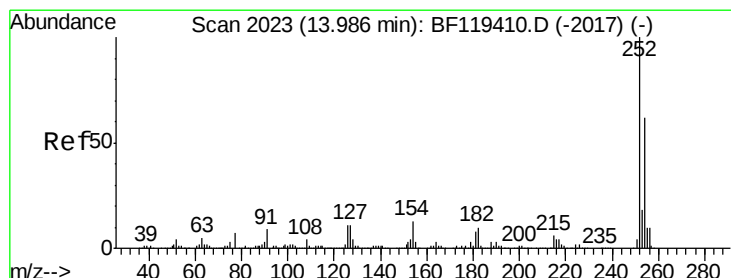
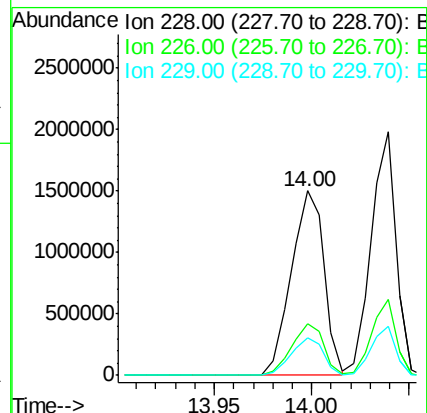
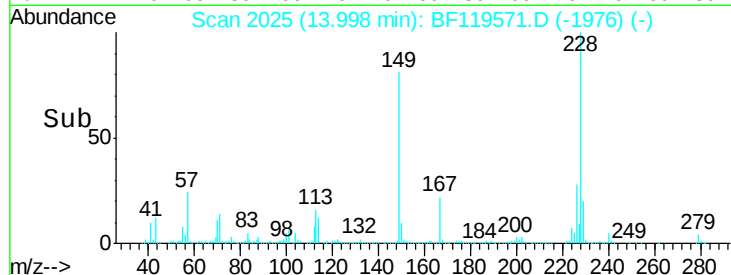
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.56 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

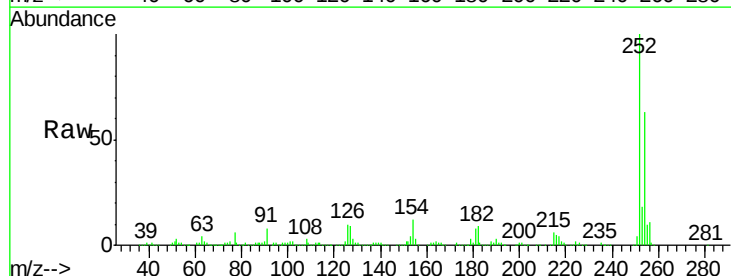
Tgt Ion:252 Resp: 463934

Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

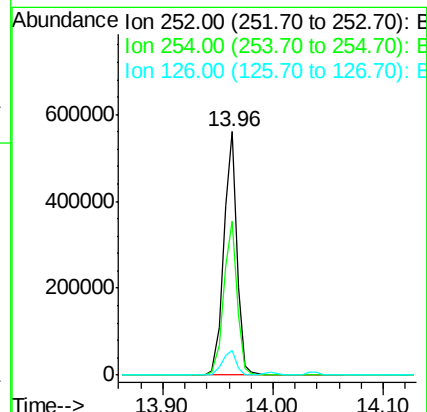
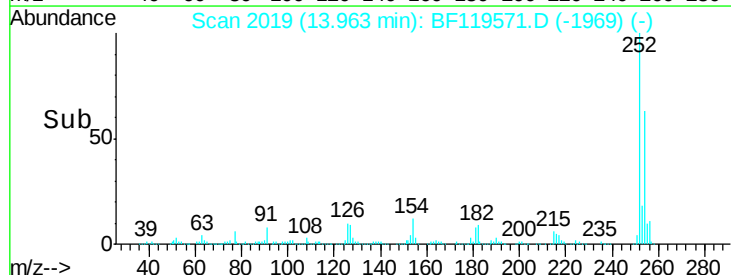
126 9.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.54 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

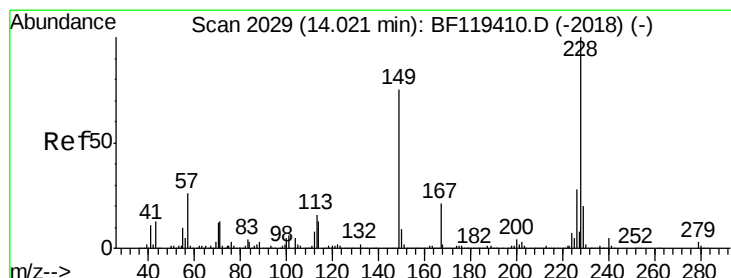
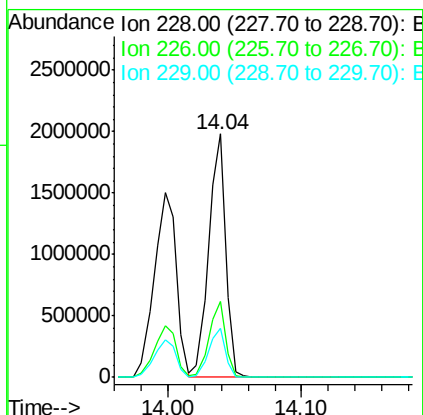
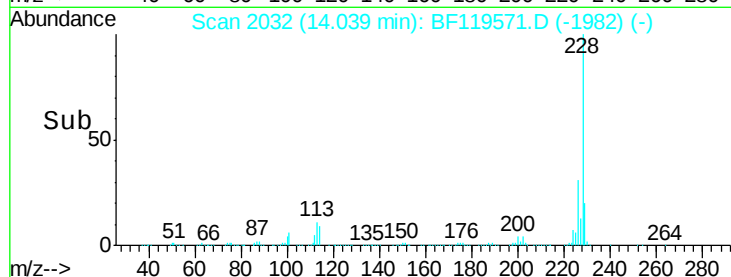
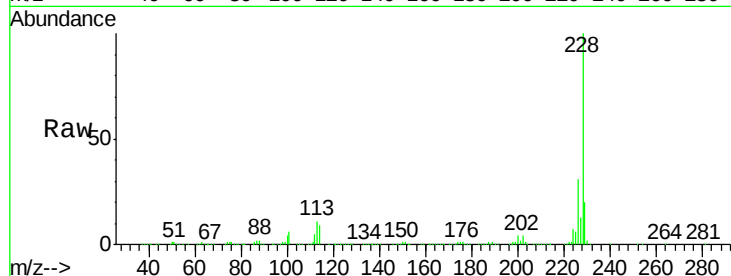
Tgt Ion:228 Resp: 1761890

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

229 20.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

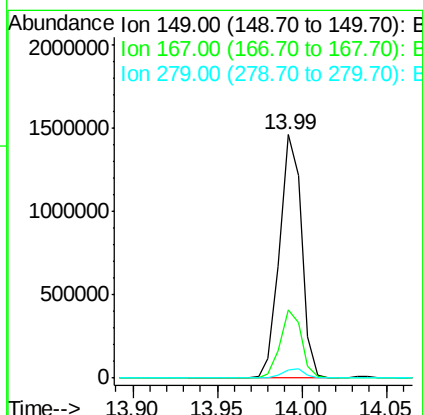
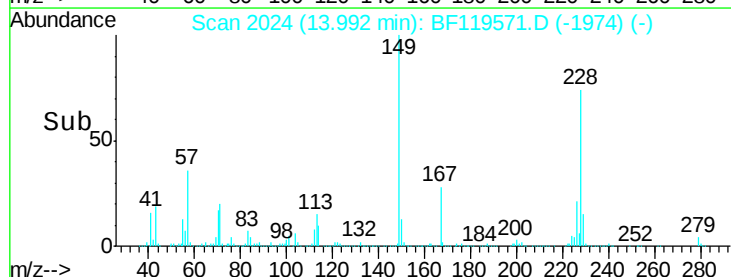
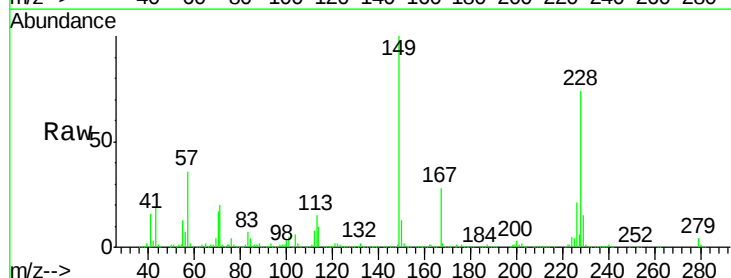
Tgt Ion:149 Resp: 1321001

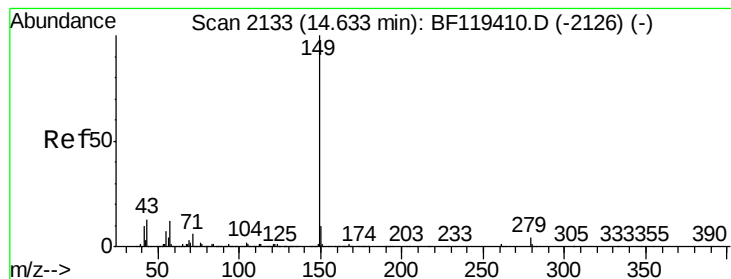
Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.89 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

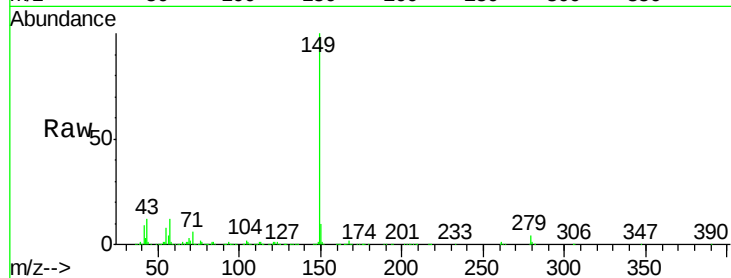
Tgt Ion:149 Resp: 2317605

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

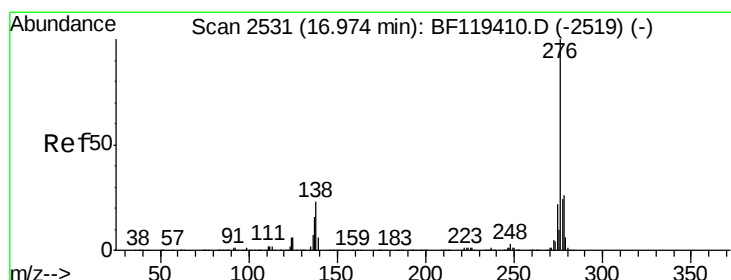
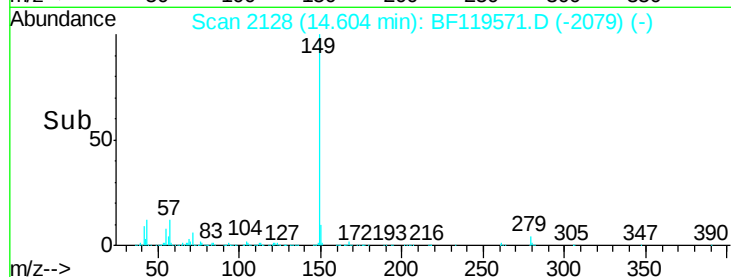
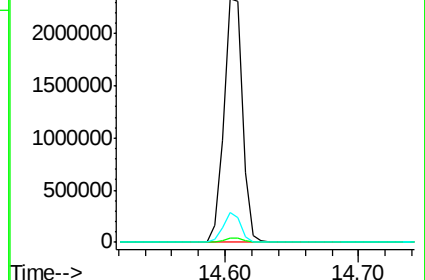
43 11.4 9.3 13.9



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: 35.29 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

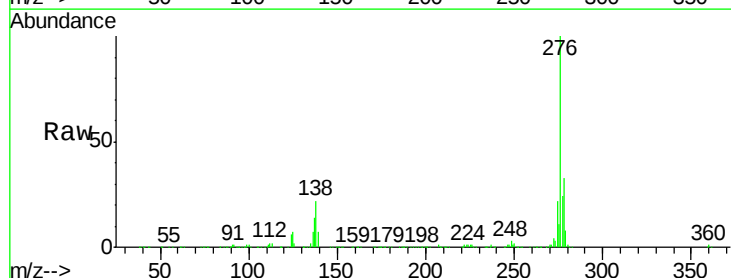
Tgt Ion:276 Resp: 1519448

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

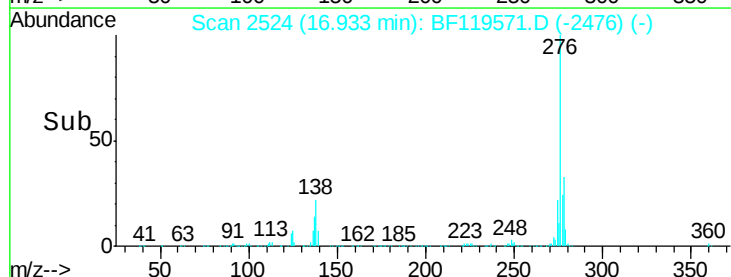
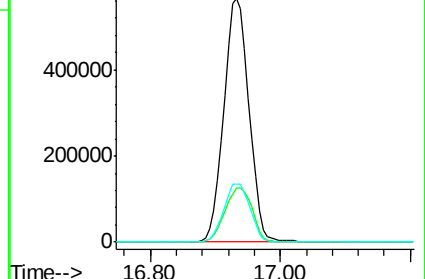
277 25.1 20.0 30.0

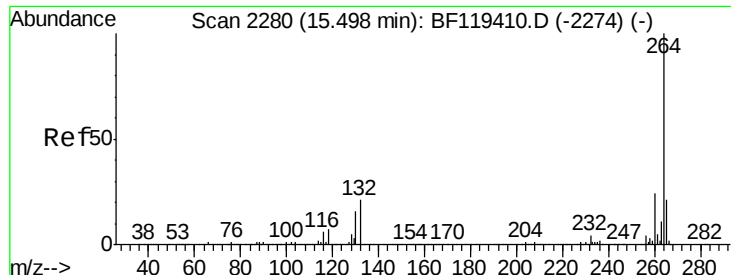


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



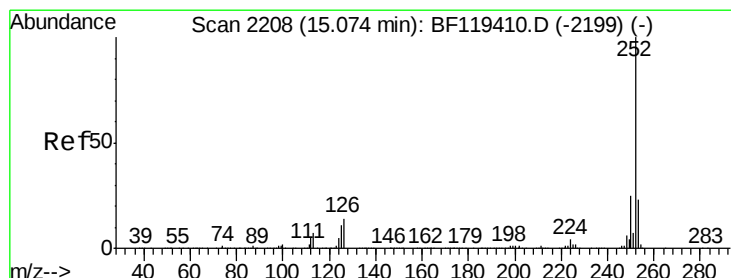
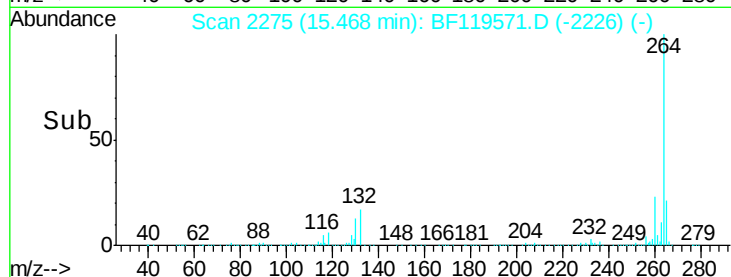
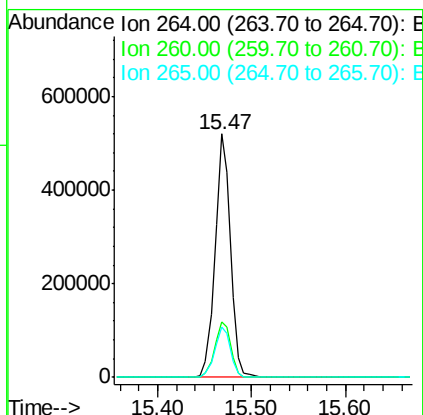
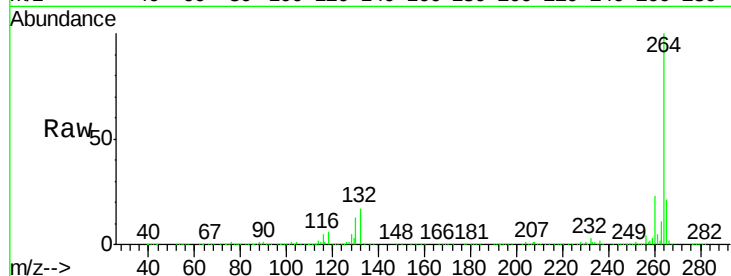


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
PB127859BS

Tgt Ion: 264 Resp: 598958

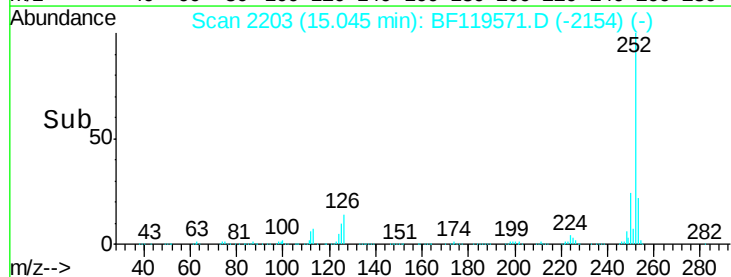
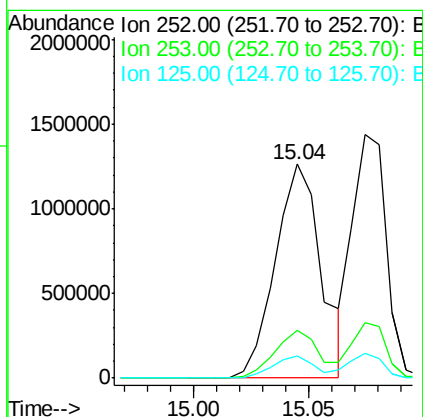
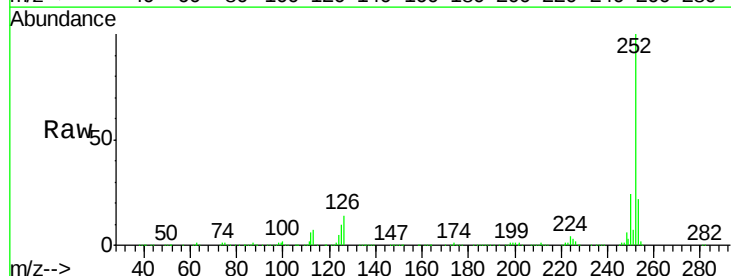
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.7	17.7	26.5

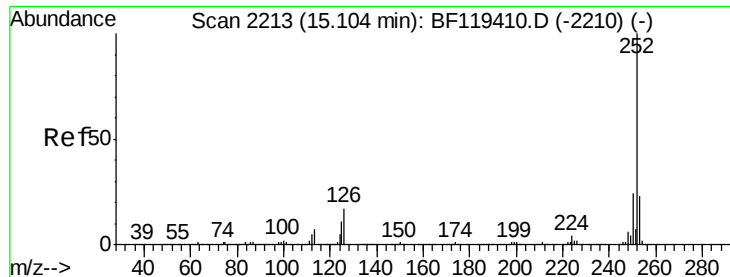


#88
Benzo(b)fluoranthene
Concen: 43.49 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion: 252 Resp: 1740060

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.4	7.9	11.9

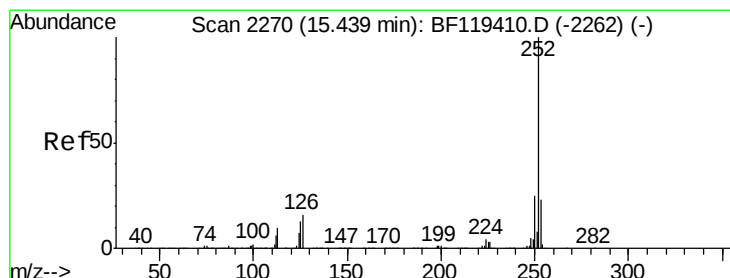
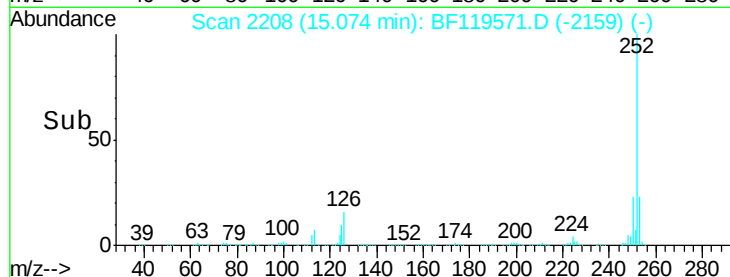
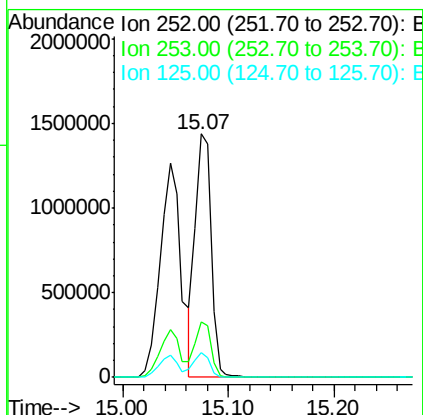
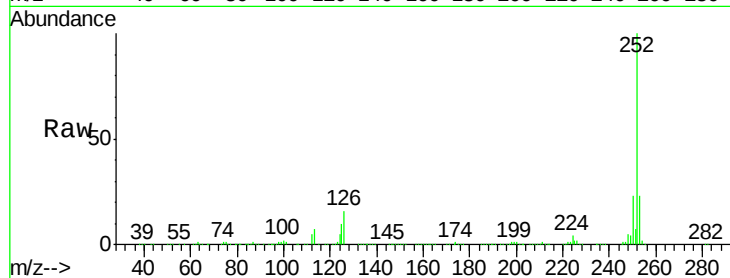




#89
Benzo(k)fluoranthene
Concen: 38.79 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

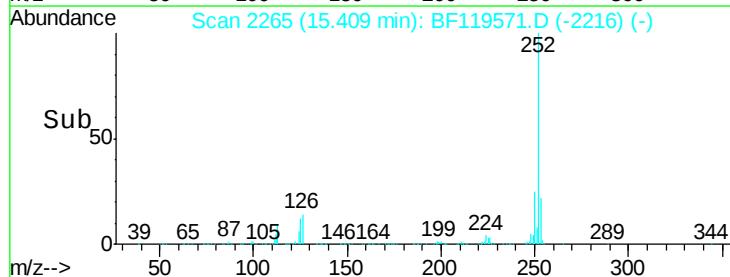
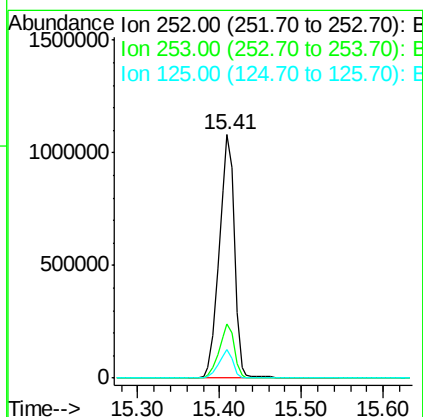
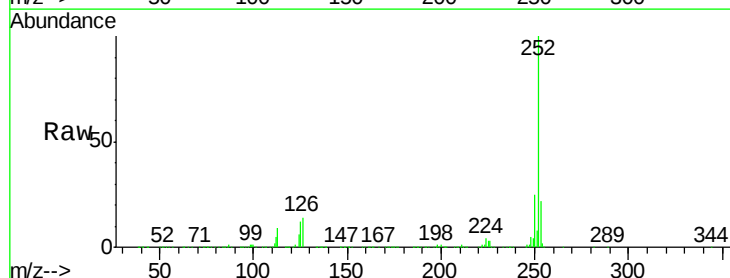
Instrument :
BNA_F
ClientSampleId :
PB127859BS

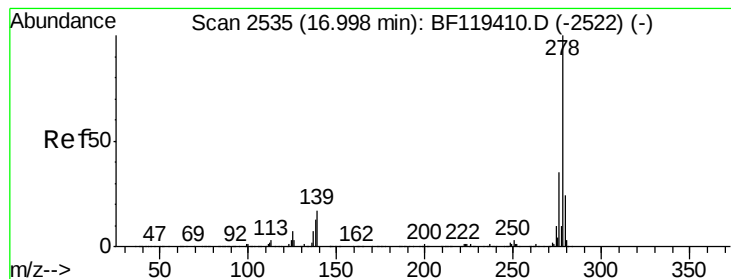
Tgt Ion:252 Resp: 1477886
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.70 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119571.D
Acq: 27 Mar 2020 17:05

Tgt Ion:252 Resp: 1407331
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.03 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

PB127859BS

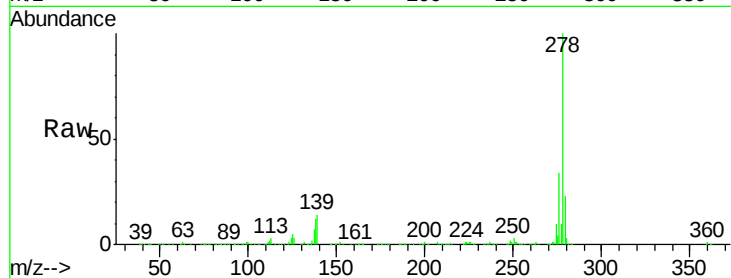
Tgt Ion:278 Resp: 1272939

Ion Ratio Lower Upper

278 100

139 13.9 12.6 19.0

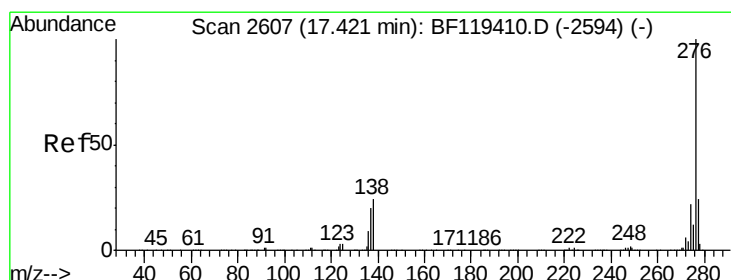
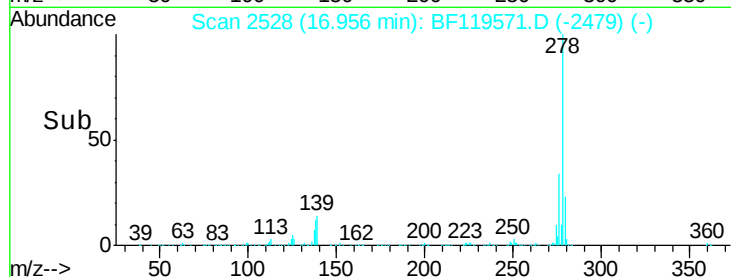
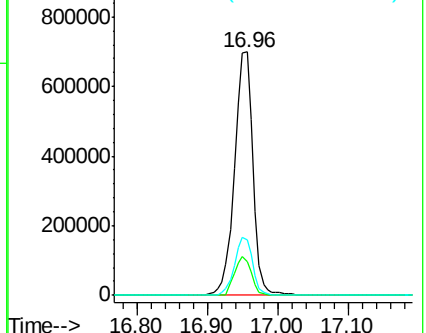
279 22.7 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 39.47 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119571.D

Acq: 27 Mar 2020 17:05

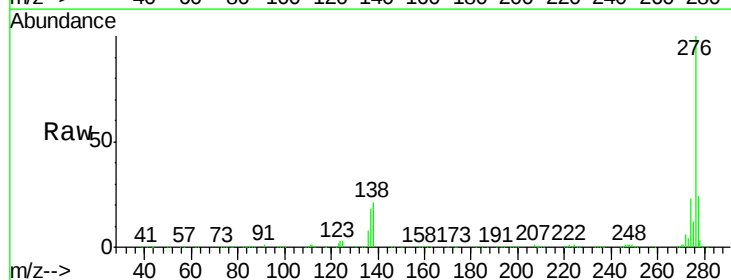
Tgt Ion:276 Resp: 1261191

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 20.7 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

