

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119574.D
 Acq On : 27 Mar 2020 18:28
 Operator : CG/JU
 Sample : PB127849BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Quant Time: Mar 28 00:53:09 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	252993	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1057216	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	573332	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1018856	20.00	ng	0.00
76) Chrysene-d12	14.01	240	722651	20.00	ng	0.00
87) Perylene-d12	15.47	264	627742	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1978135	124.47	ng	0.01
7) Phenol-d6	6.46	99	2540541	125.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	1646960	84.66	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	755993	127.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3035114	78.43	ng	0.00
79) Terphenyl-d14	12.96	244	3403632	92.28	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.65	88	290238	36.98 ng	99
3) Pyridine	3.37	79	811751	37.54 ng	95
4) n-Nitrosodimethylamine	3.33	42	449833	42.66 ng	97
6) Aniline	6.49	93	971999	34.69 ng	99
8) 2-Chlorophenol	6.62	128	820172	49.14 ng	99
9) Benzaldehyde	6.38	77	495994	38.51 ng	97
10) Phenol	6.47	94	1044726	48.23 ng	96
11) bis(2-Chloroethyl)ether	6.57	93	776055	44.79 ng	97
12) 1,3-Dichlorobenzene	6.77	146	813499	45.03 ng	96
13) 1,4-Dichlorobenzene	6.85	146	811208	44.89 ng	97
14) 1,2-Dichlorobenzene	7.00	146	764377	45.26 ng	99
15) Benzyl Alcohol	6.97	79	674433	44.16 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1548241	44.30 ng	99
17) 2-Methylphenol	7.09	107	668191	43.69 ng	98
18) Hexachloroethane	7.35	117	308114	46.53 ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	562130	45.94 ng	99
20) 3+4-Methylphenols	7.24	107	804983	42.95 ng	# 85
22) Acetophenone	7.25	105	1053547	41.71 ng	97
24) Nitrobenzene	7.42	77	894887	43.05 ng	100
25) Isophorone	7.66	82	1577669	39.98 ng	99
26) 2-Nitrophenol	7.73	139	432551	52.84 ng	91
27) 2,4-Dimethylphenol	7.77	122	733385	43.33 ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1019161	43.68 ng	99
29) 2,4-Dichlorophenol	7.97	162	695249	44.71 ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	726826	42.26 ng	99
31) Naphthalene	8.14	128	2394033	44.00 ng	99
32) Benzoic acid	7.89	122	555925	51.06 ng	97
33) 4-Chloroaniline	8.19	127	522704	20.97 ng	97
34) Hexachlorobutadiene	8.26	225	435921	45.30 ng	99
35) Caprolactam	8.56	113	132474	26.03 ng	98
36) 4-Chloro-3-methylphenol	8.67	107	779160	45.84 ng	97
37) 2-Methylnaphthalene	8.83	142	1648576	46.17 ng	99
38) 1-Methylnaphthalene	8.93	142	1494468	44.22 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	672629	40.03 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119574.D
 Acq On : 27 Mar 2020 18:28
 Operator : CG/JU
 Sample : PB127849BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Quant Time: Mar 28 00:53:09 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

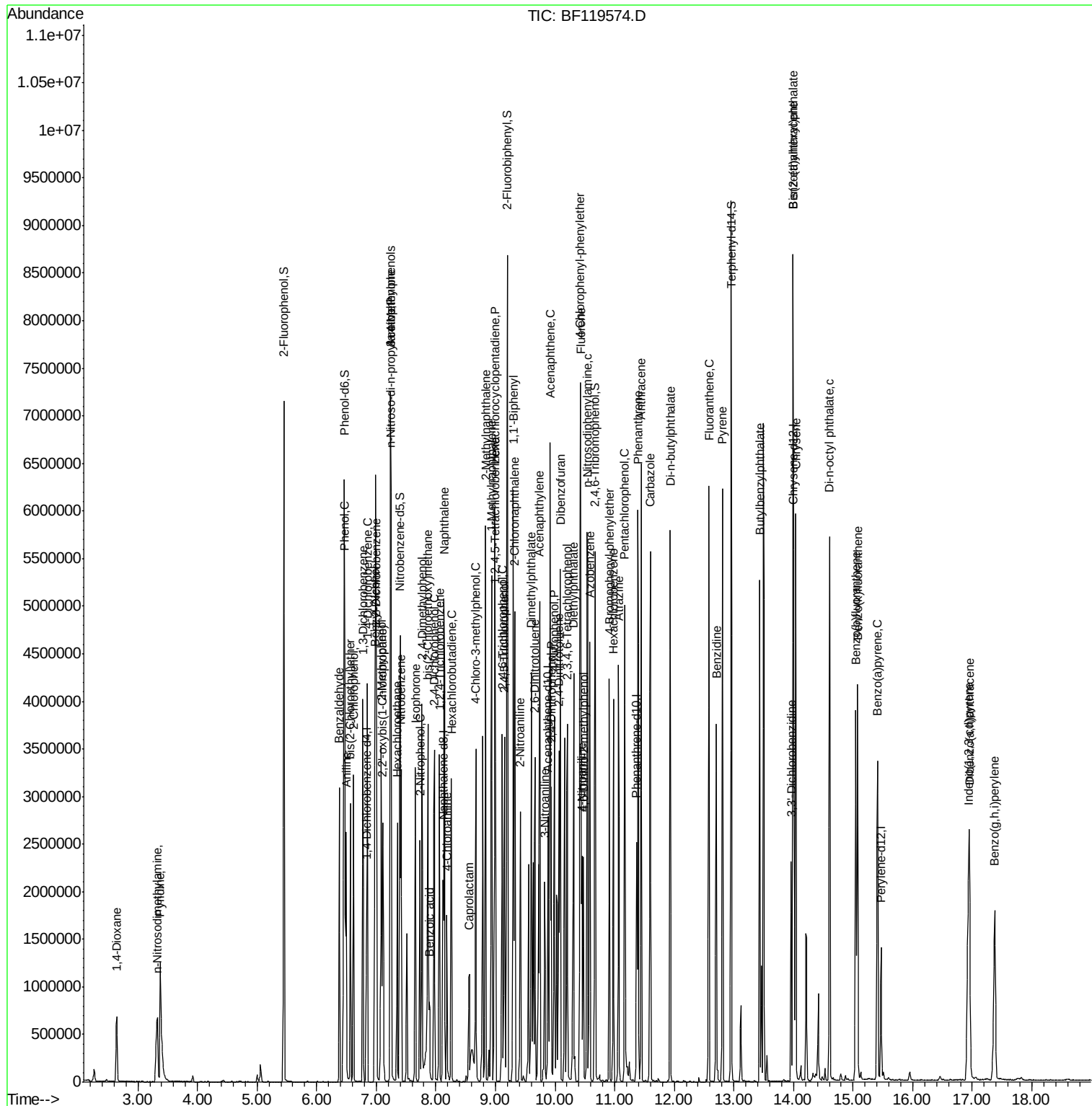
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	830024	86.88	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	510326	42.44	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	549013	40.75	ng	97
46) 1,1'-Biphenyl	9.30	154	1973336	42.26	ng	99
47) 2-Chloronaphthalene	9.32	162	1543711	42.20	ng	98
48) 2-Nitroaniline	9.42	65	582983	46.18	ng	100
49) Acenaphthylene	9.75	152	2429168	42.29	ng	99
50) Dimethylphthalate	9.60	163	1757104	43.15	ng	99
51) 2,6-Dinitrotoluene	9.66	165	410931	47.08	ng	95
52) Acenaphthene	9.92	154	1685189	47.06	ng	99
53) 3-Nitroaniline	9.83	138	299660	27.19	ng	96
54) 2,4-Dinitrophenol	9.94	184	417410	107.74	ng	96
55) Dibenzofuran	10.09	168	2093853	40.78	ng	98
56) 4-Nitrophenol	9.99	139	682658	78.53	ng	99
57) 2,4-Dinitrotoluene	10.07	165	534467	48.61	ng	96
58) Fluorene	10.43	166	1607098	42.33	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	455678	45.25	ng	99
60) Diethylphthalate	10.31	149	1836514	44.43	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	783168	42.18	ng	99
62) 4-Nitroaniline	10.45	138	427092	40.42	ng	98
63) Azobenzene	10.59	77	1808340	43.45	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	270365	63.28	ng	88
66) n-Nitrosodiphenylamine	10.54	169	1561450	46.68	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	542181	46.73	ng	92
68) Hexachlorobenzene	10.98	284	595314	50.13	ng	# 92
69) Atrazine	11.07	200	493711	53.84	ng	99
70) Pentachlorophenol	11.17	266	640968	92.05	ng	98
71) Phenanthrene	11.39	178	2302653	43.59	ng	100
72) Anthracene	11.44	178	2361150	43.97	ng	99
73) Carbazole	11.60	167	2198680	41.37	ng	100
74) Di-n-butylphthalate	11.93	149	2754203	48.44	ng	100
75) Fluoranthene	12.58	202	2650078	46.35	ng	99
77) Benzidine	12.70	184	1436748	46.98	ng	99
78) Pyrene	12.81	202	2589336	43.66	ng	100
80) Butylbenzylphthalate	13.43	149	1180223	49.20	ng	98
81) Benzo(a)anthracene	14.00	228	1947767	41.45	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	470998	25.42	ng	99
83) Chrysene	14.04	228	2042017	42.10	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1547290	54.11	ng	99
85) Di-n-octyl phthalate	14.61	149	2840644	56.49	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1884692	41.26	ng	99
88) Benzo(b)fluoranthene	15.04	252	2133995	50.89	ng	97
89) Benzo(k)fluoranthene	15.08	252	1821079	45.61	ng	99
90) Benzo(a)pyrene	15.41	252	1761173	46.22	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1555417	46.66	ng	100
92) Benzo(g,h,i)perylene	17.38	276	1577516	47.11	ng	96

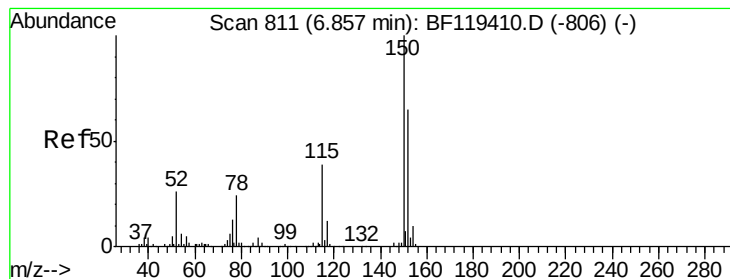
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119574.D
 Acq On : 27 Mar 2020 18:28
 Operator : CG/JU
 Sample : PB127849BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Quant Time: Mar 28 00:53:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

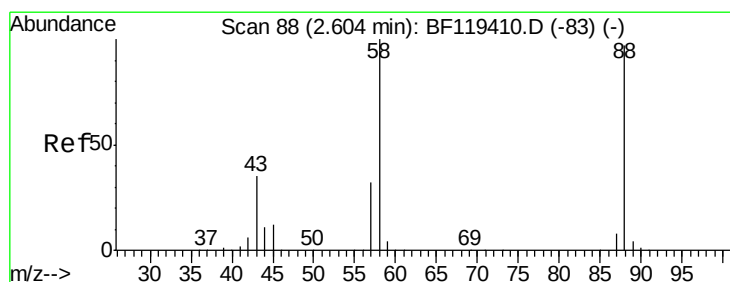
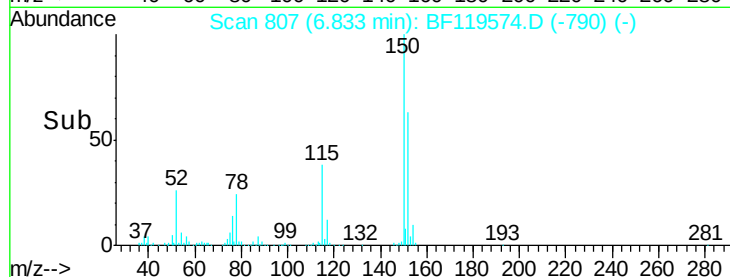
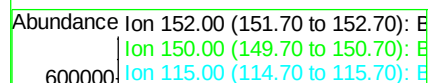
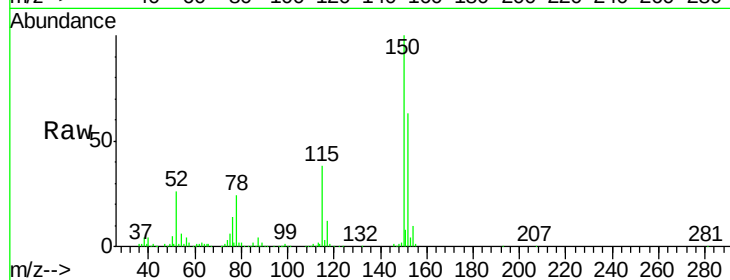
Tgt Ion:152 Resp: 252993

Ion Ratio Lower Upper

152 100

150 157.6 124.5 186.7

115 60.6 49.6 74.4



#2

1,4-Dioxane

Concen: 36.98 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.08 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

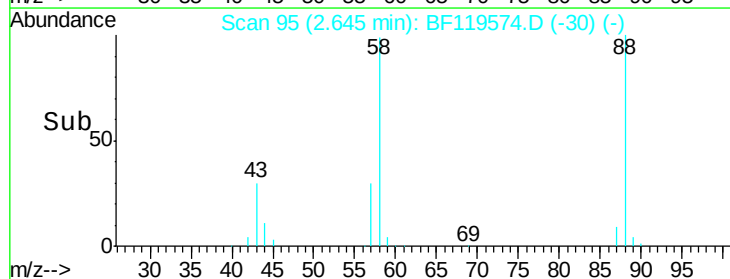
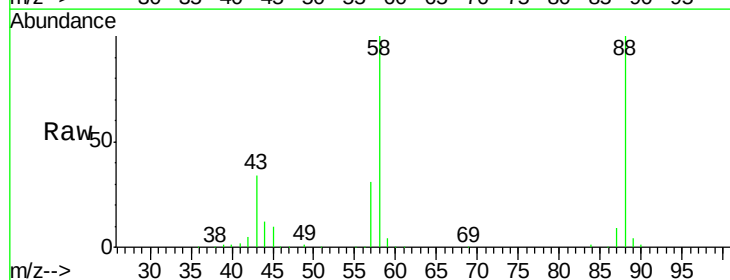
Tgt Ion: 88 Resp: 290238

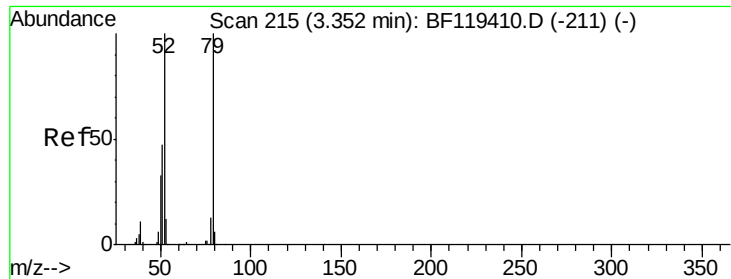
Ion Ratio Lower Upper

88 100

58 99.8 80.6 121.0

43 32.6 27.5 41.3





#3

Pyridine

Concen: 37.54 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.08 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

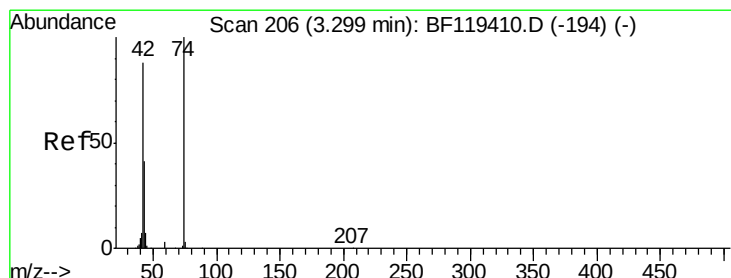
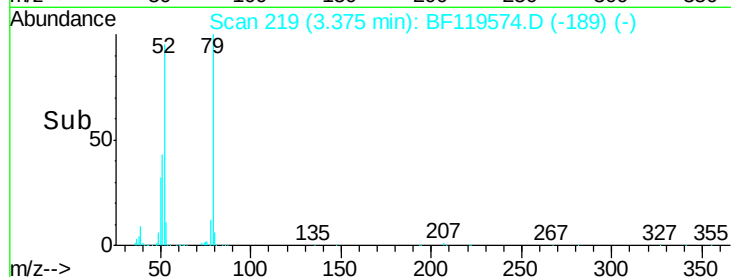
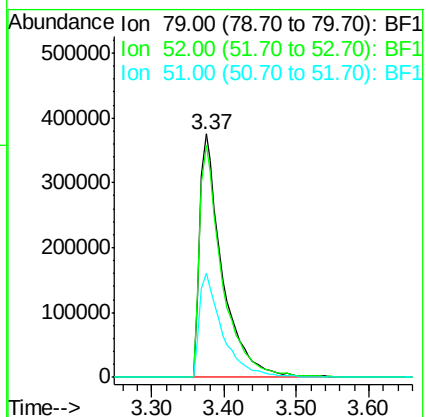
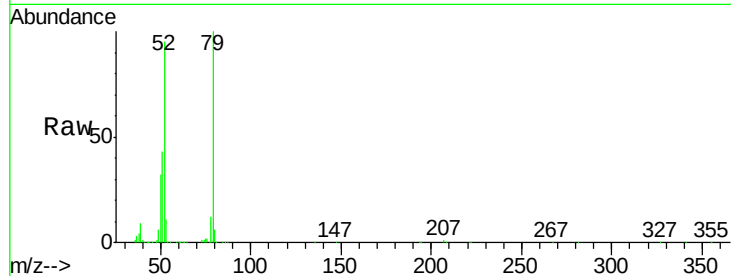
Tgt Ion: 79 Resp: 811751

Ion Ratio Lower Upper

79 100

52 95.2 80.2 120.2

51 43.0 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 42.66 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

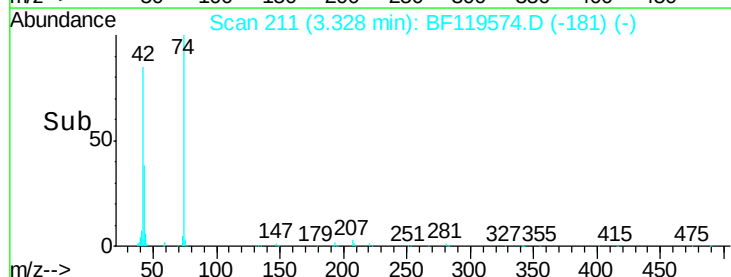
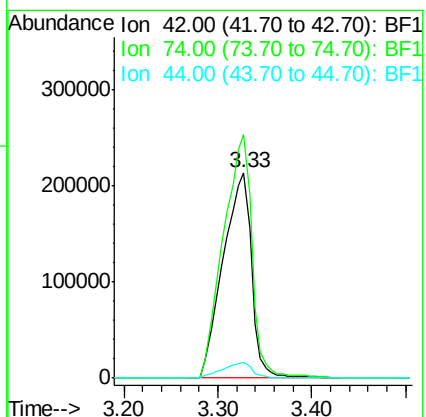
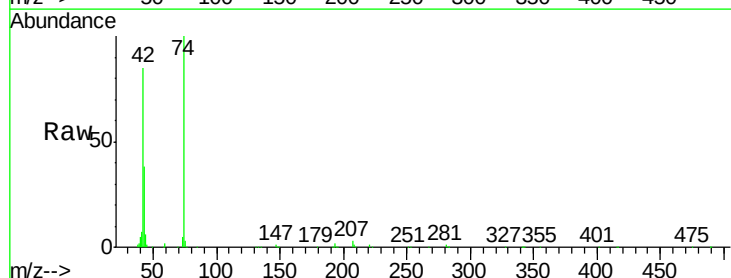
Tgt Ion: 42 Resp: 449833

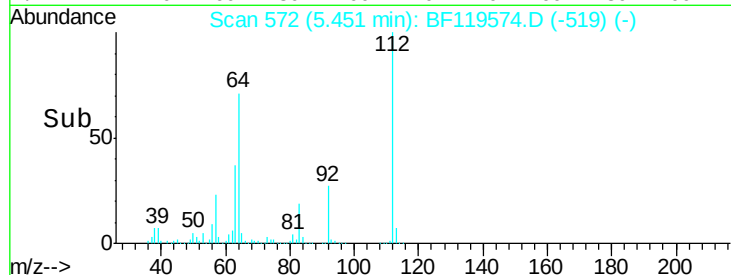
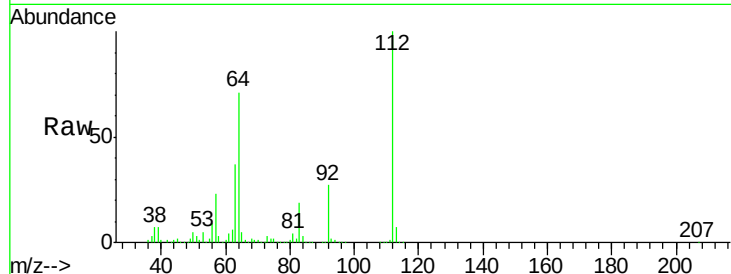
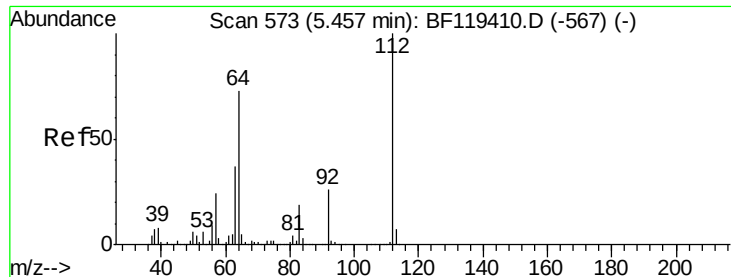
Ion Ratio Lower Upper

42 100

74 118.3 91.5 137.3

44 7.6 6.2 9.4





#5

2-Fluorophenol

Concen: 124.47 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

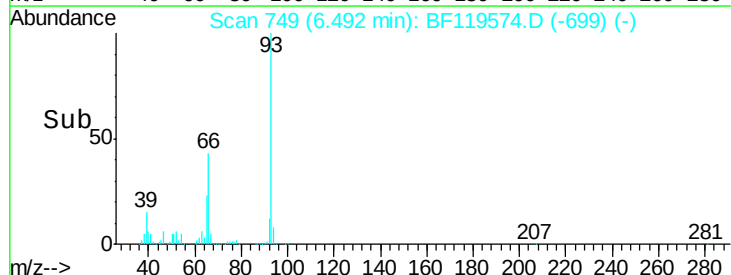
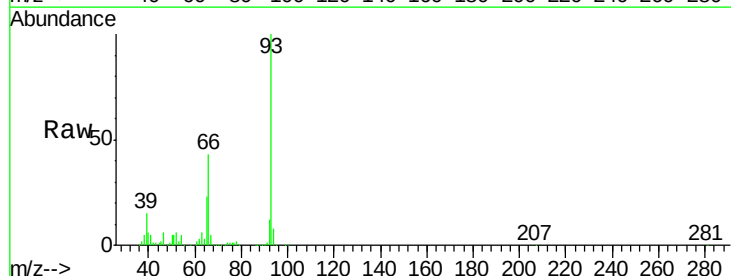
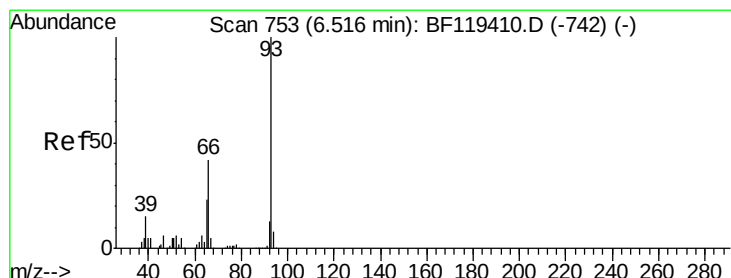
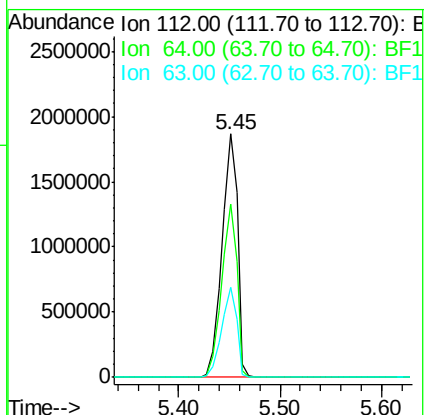
Tgt Ion:112 Resp: 1978135

Ion Ratio Lower Upper

112 100

64 71.2 56.7 85.1

63 36.8 29.5 44.3



#6

Aniline

Concen: 34.69 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

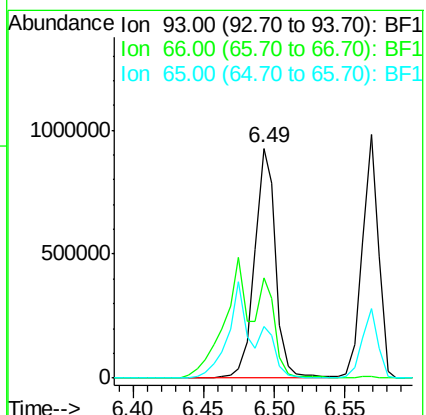
Tgt Ion: 93 Resp: 971999

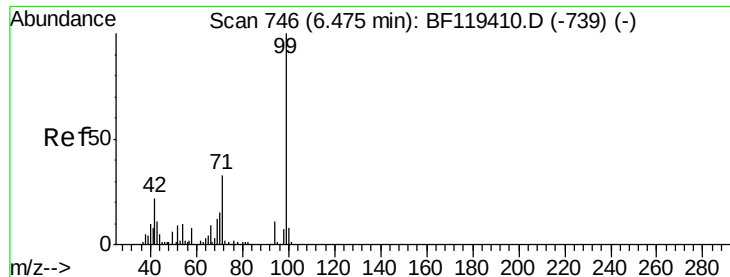
Ion Ratio Lower Upper

93 100

66 43.4 34.9 52.3

65 22.5 18.6 27.8





#7

Phenol-d6

Concen: 125.14 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

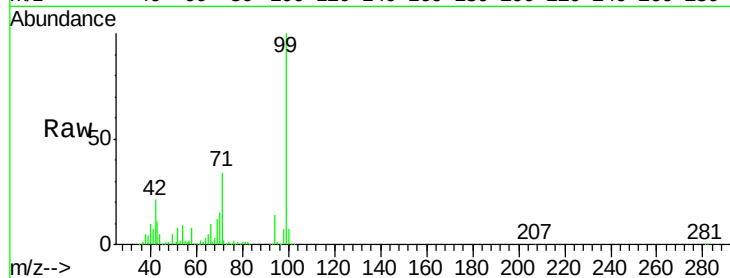
Tgt Ion: 99 Resp: 2540541

Ion Ratio Lower Upper

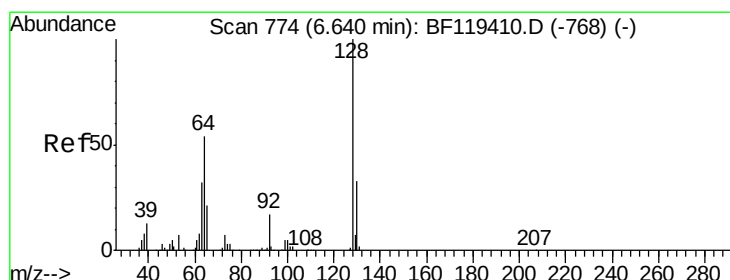
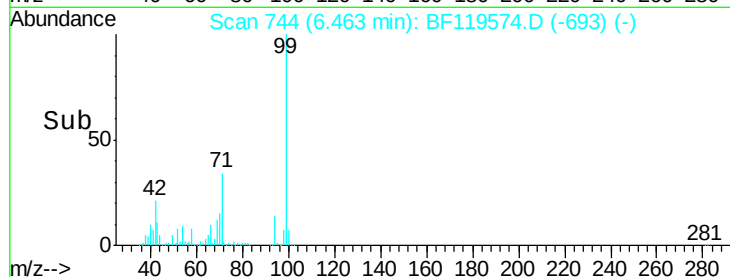
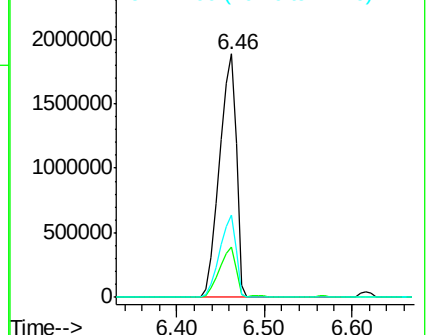
99 100

42 20.7 16.6 24.8

71 33.8 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: 49.14 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

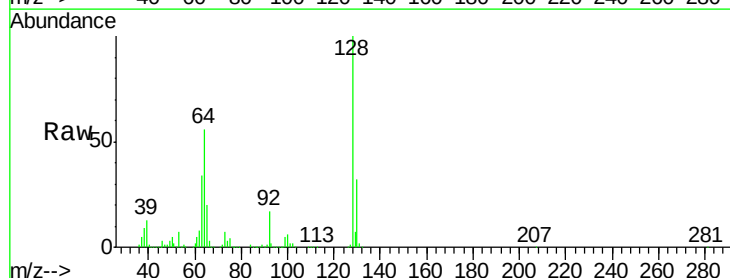
Tgt Ion: 128 Resp: 820172

Ion Ratio Lower Upper

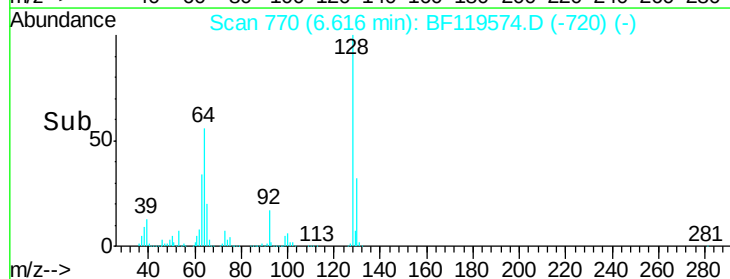
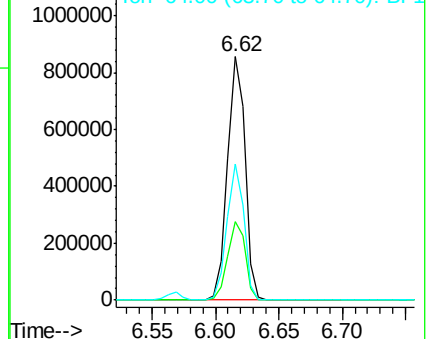
128 100

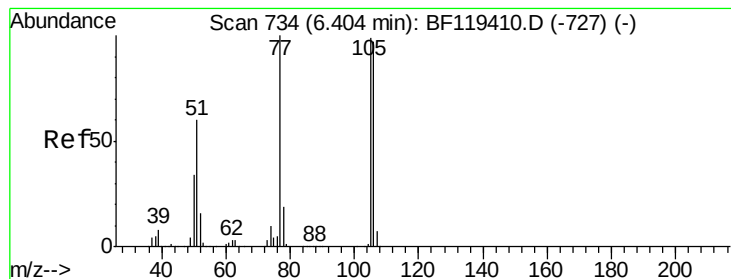
130 32.2 12.6 52.6

64 56.1 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.51 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

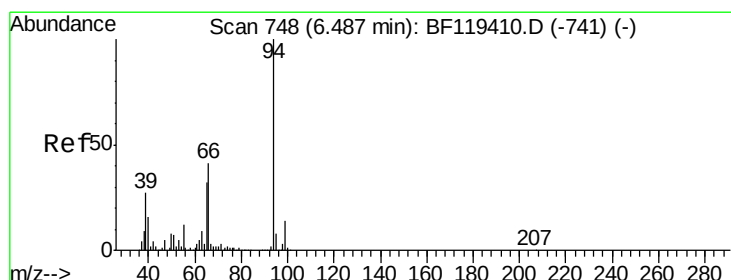
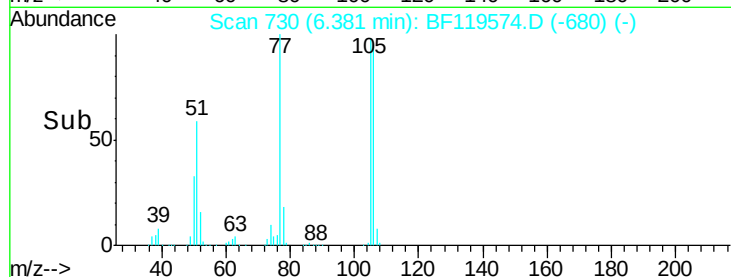
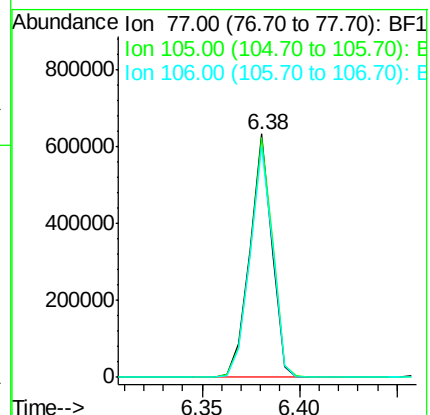
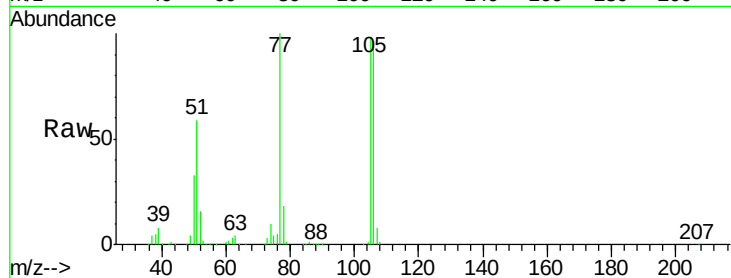
Tgt Ion: 77 Resp: 495994

Ion Ratio Lower Upper

77 100

105 98.3 80.9 120.9

106 94.8 77.9 117.9



#10

Phenol

Concen: 48.23 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

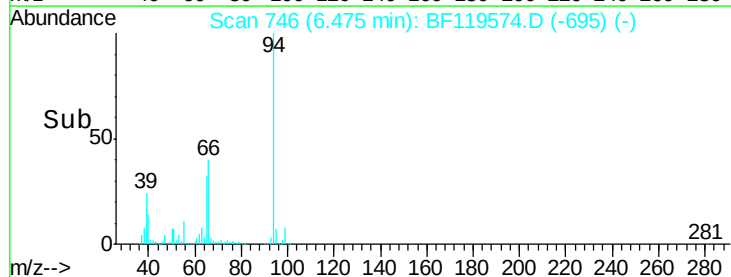
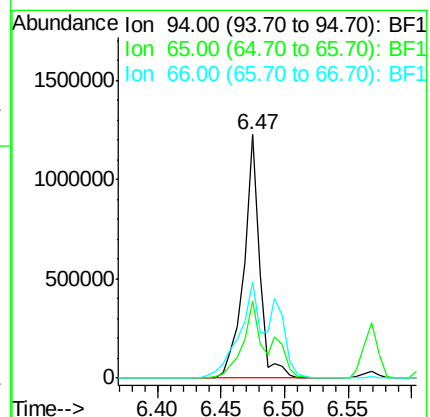
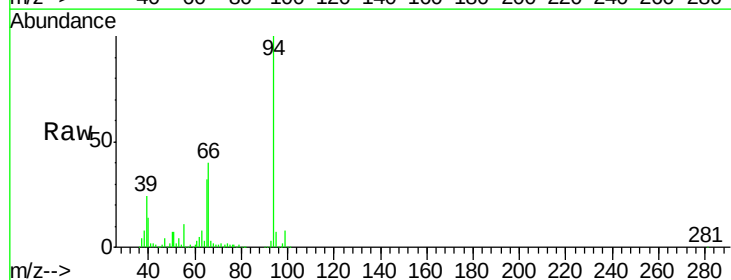
Tgt Ion: 94 Resp: 1044726

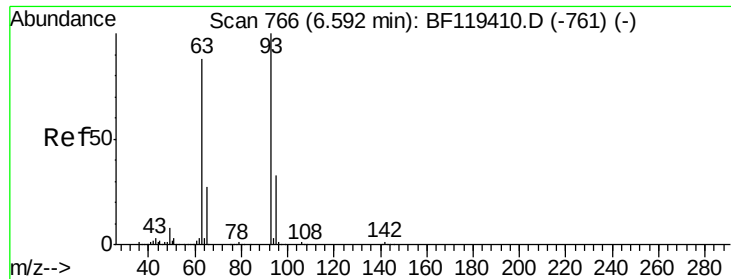
Ion Ratio Lower Upper

94 100

65 31.5 13.2 53.2

66 39.7 22.3 62.3

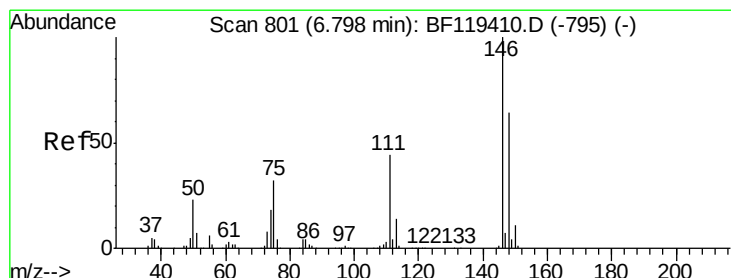
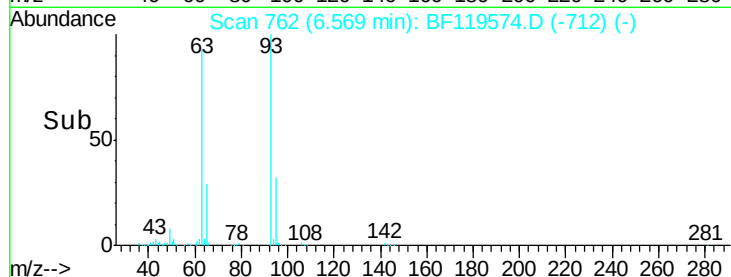
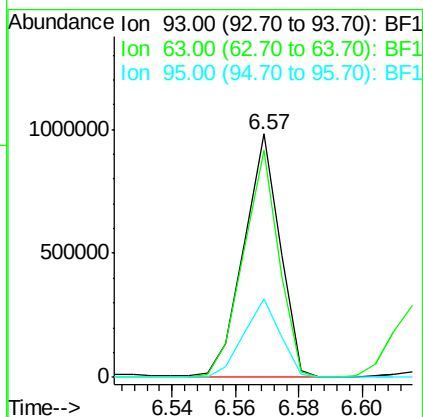
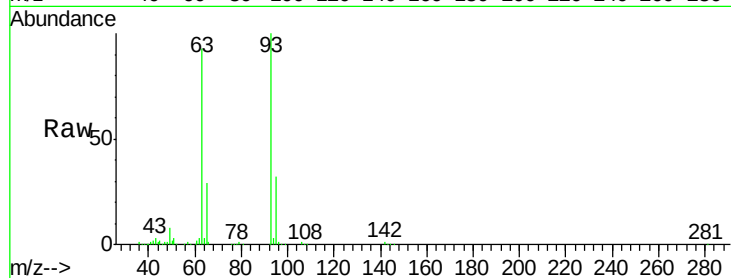




#11
bis(2-Chloroethyl)ether
Concen: 44.79 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

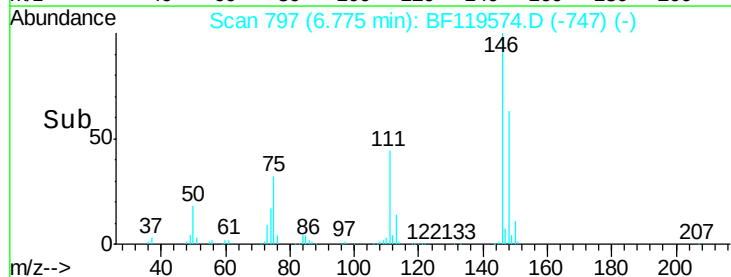
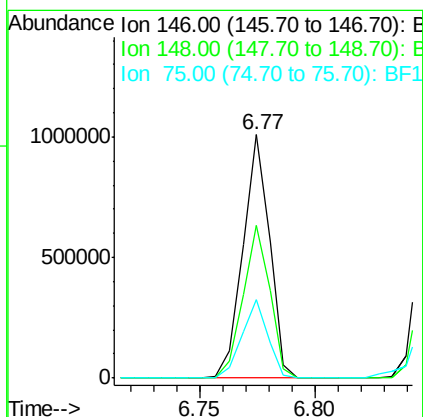
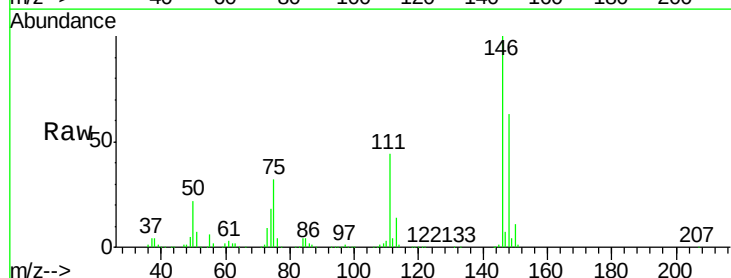
Instrument :
BNA_F
ClientSampleId :
PB127849BS

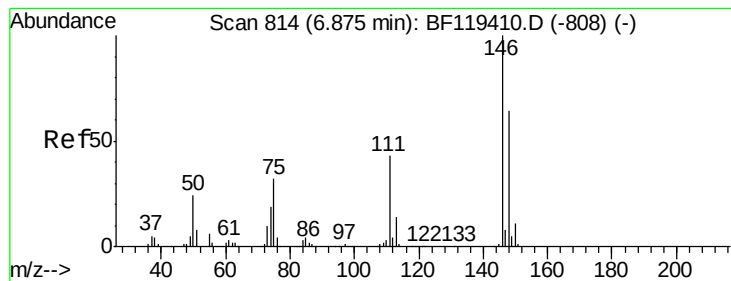
Tgt Ion: 93 Resp: 776055
Ion Ratio Lower Upper
93 100
63 93.2 70.2 110.2
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.03 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion: 146 Resp: 813499
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.4
75 32.2 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 44.89 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

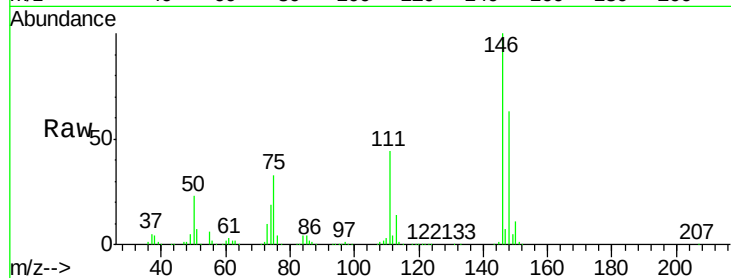
Tgt Ion:146 Resp: 811208

Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

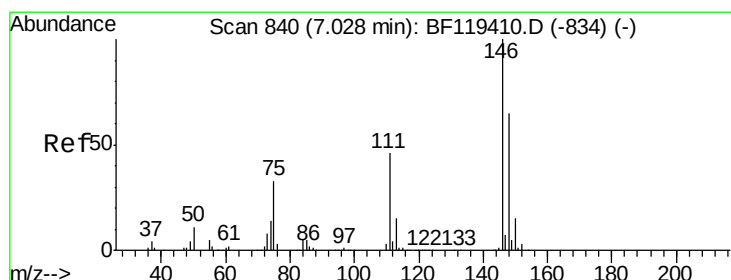
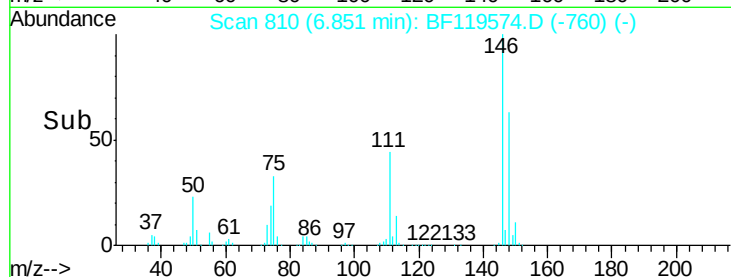
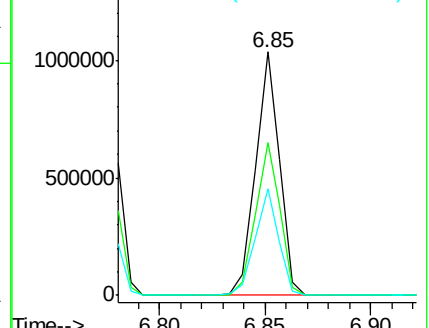
111 43.9 33.3 49.9



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: 45.26 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

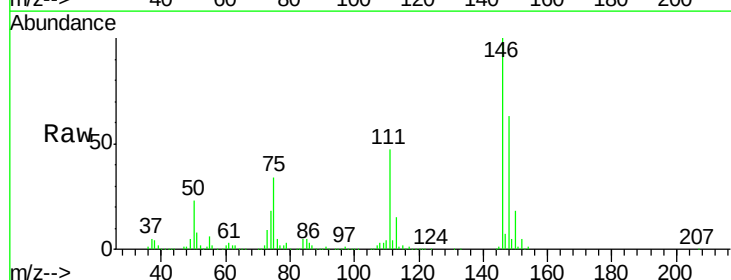
Tgt Ion:146 Resp: 764377

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

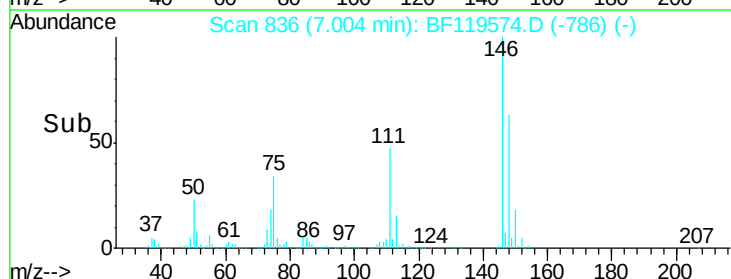
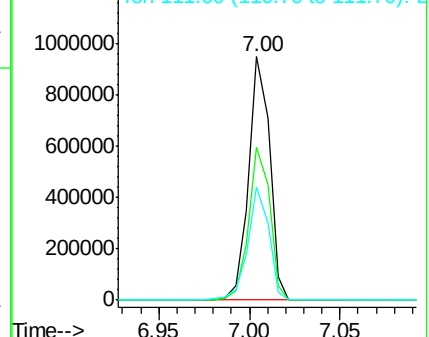
111 46.7 36.1 54.1

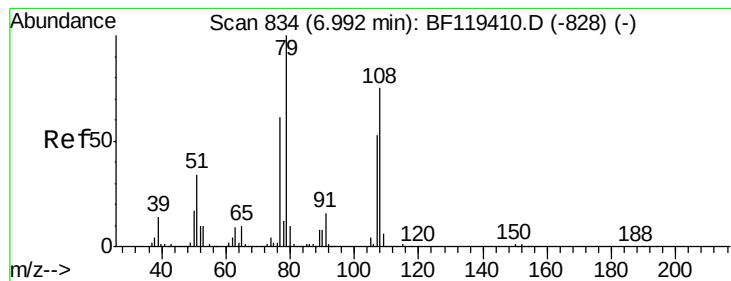


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.16 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

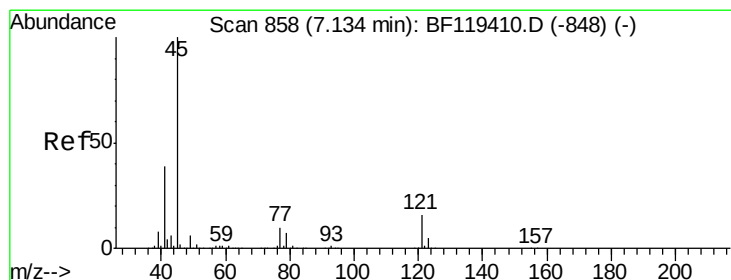
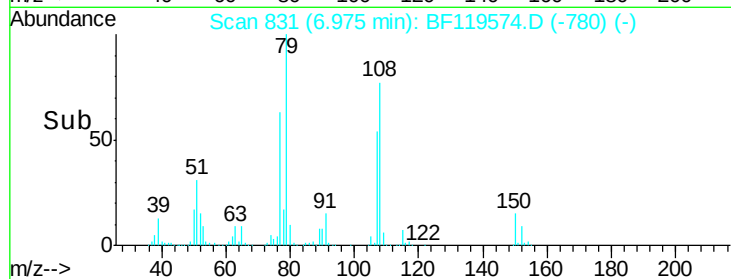
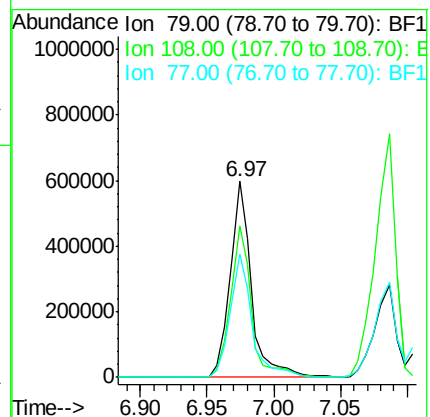
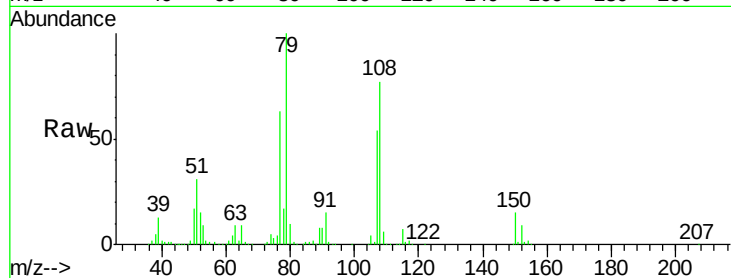
Tgt Ion: 79 Resp: 674433

Ion Ratio Lower Upper

79 100

108 77.4 60.6 90.8

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.30 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

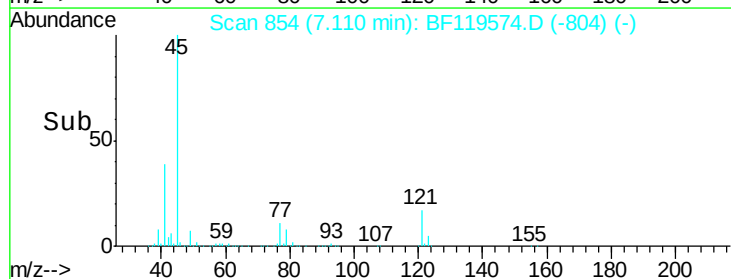
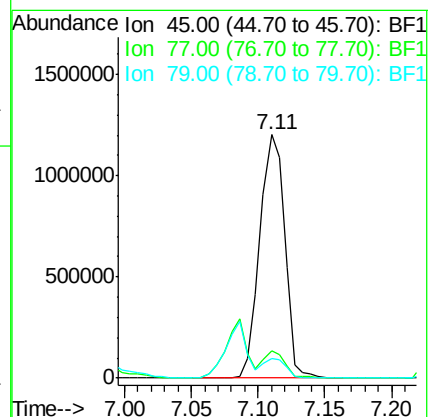
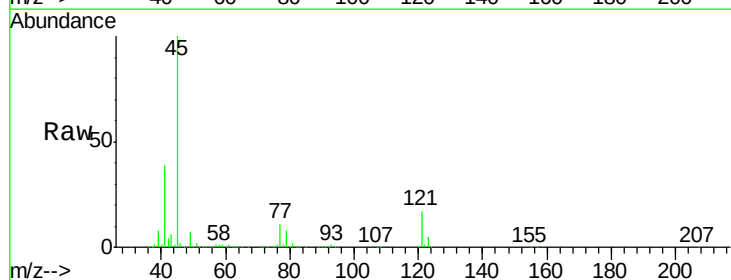
Tgt Ion: 45 Resp: 1548241

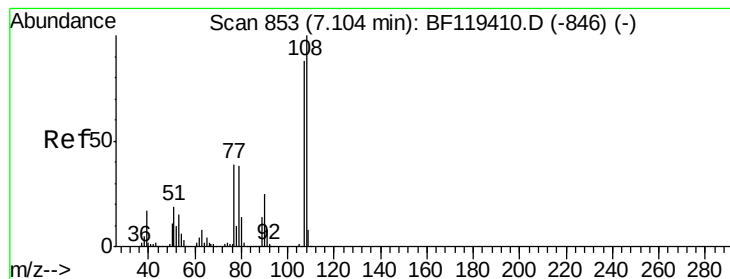
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.7

79 8.1 0.0 28.2





#17

2-Methylphenol

Concen: 43.69 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tgt Ion:107 Resp: 668191

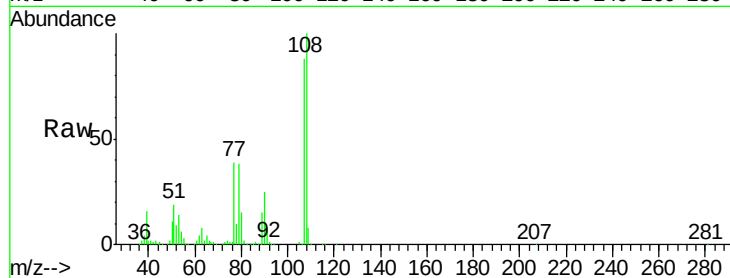
Ion Ratio Lower Upper

107 100

108 113.6 92.2 138.4

77 44.6 36.6 54.8

79 43.2 36.2 54.4

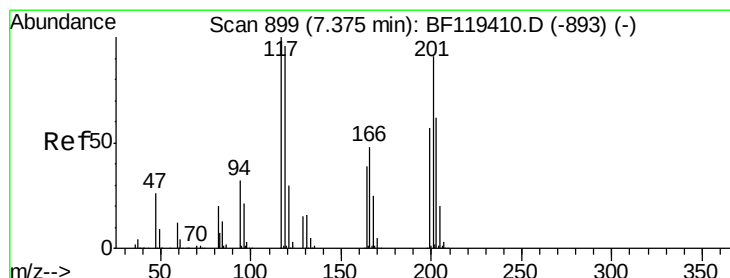
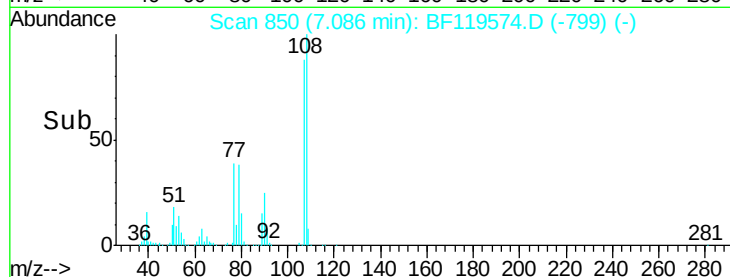
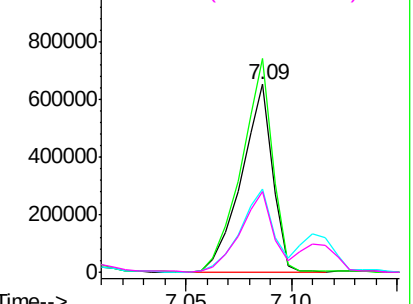


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.53 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

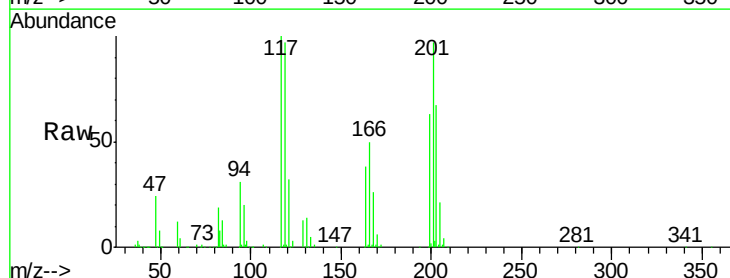
Tgt Ion:117 Resp: 308114

Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1

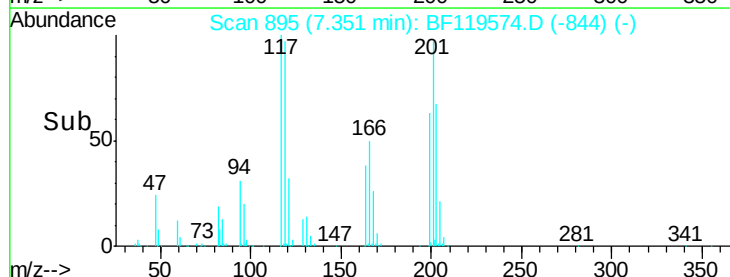
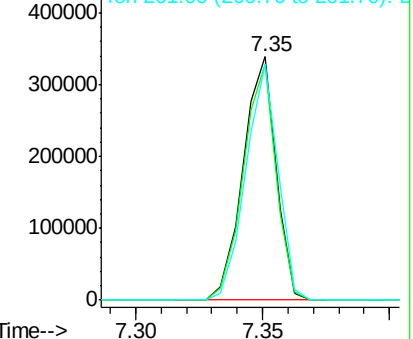
201 96.8 73.0 109.6

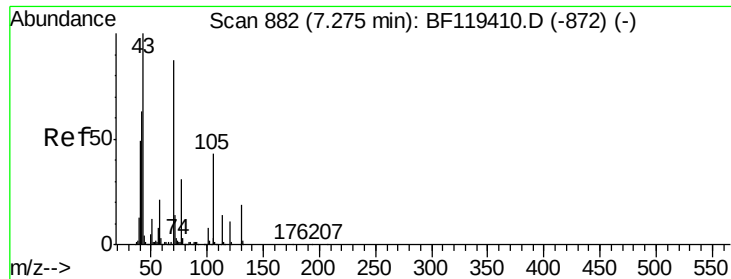


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

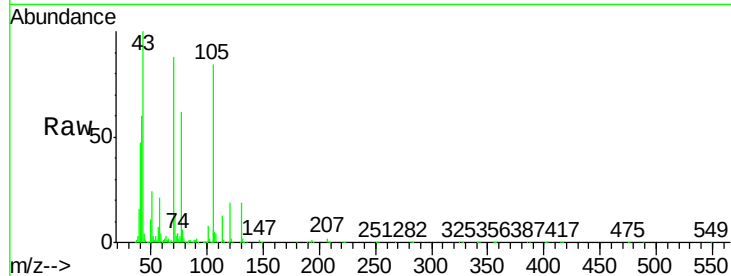




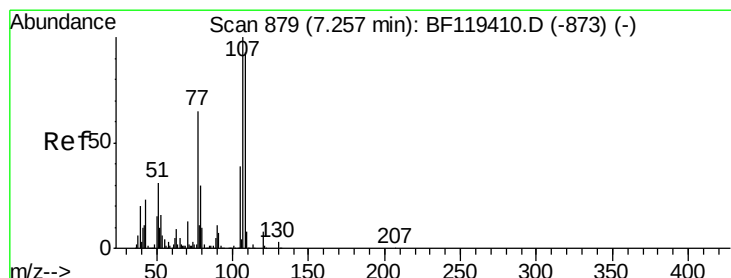
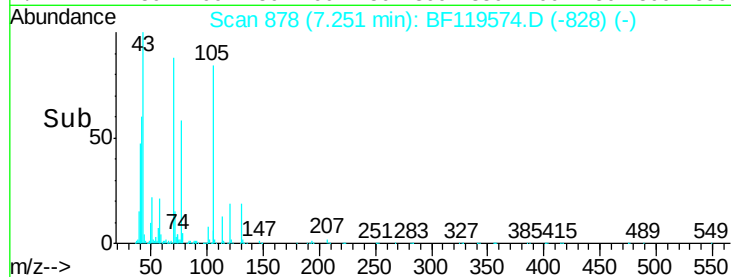
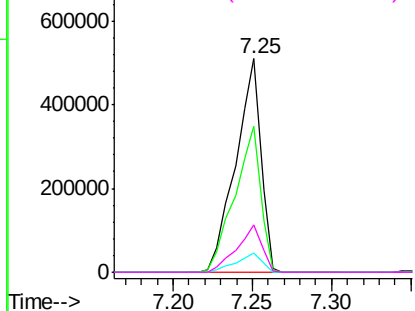
#19
n-Nitroso-di-n-propylamine
Concen: 45.94 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tgt Ion:	70	Resp:	562130
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.5	81.7
101	8.9	7.6	11.4
130	22.1	17.6	26.4

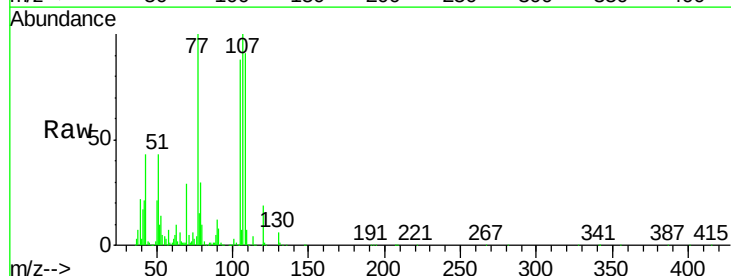


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

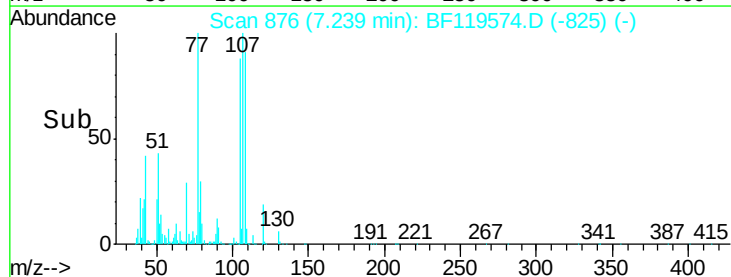
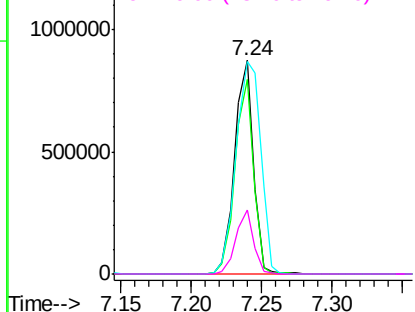


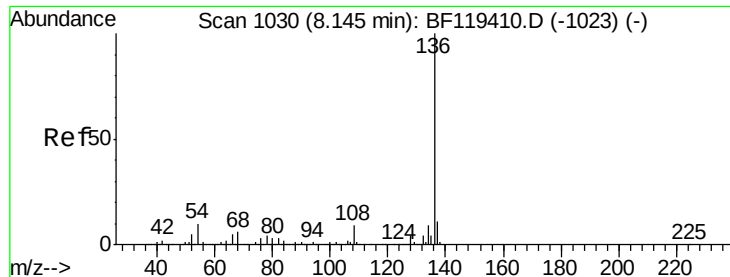
#20
3+4-Methylphenols
Concen: 42.95 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:	107	Resp:	804983
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.9	107.9
77	99.7	52.9	92.9
79	30.0	7.7	47.7



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tgt Ion:136 Resp: 1057216

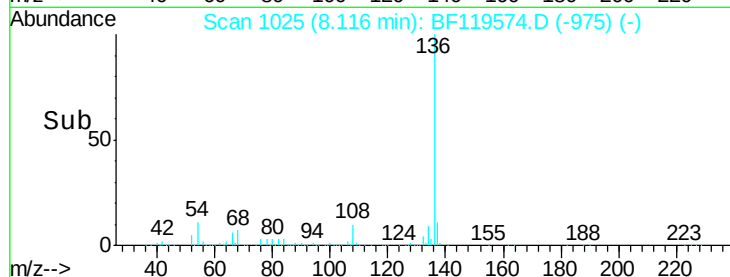
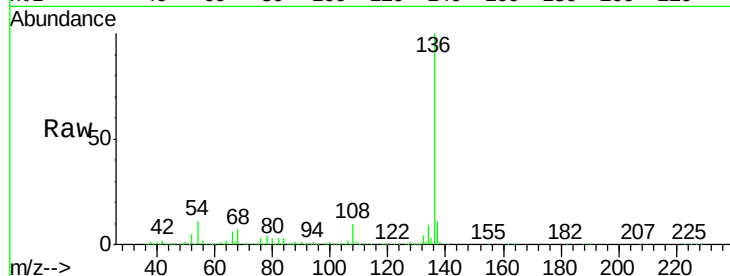
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.3 9.1 13.7

68 6.6 4.6 6.8

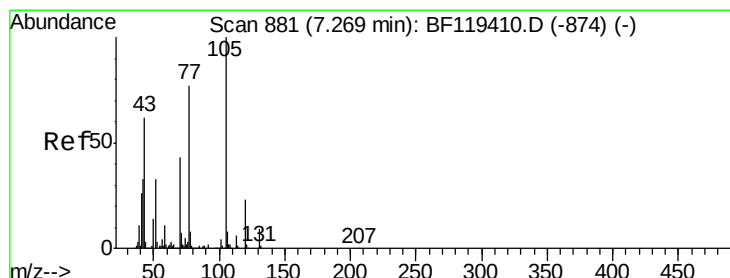
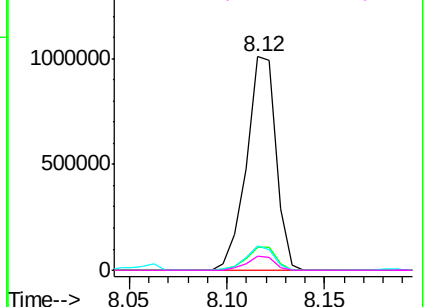


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.71 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:105 Resp: 1053547

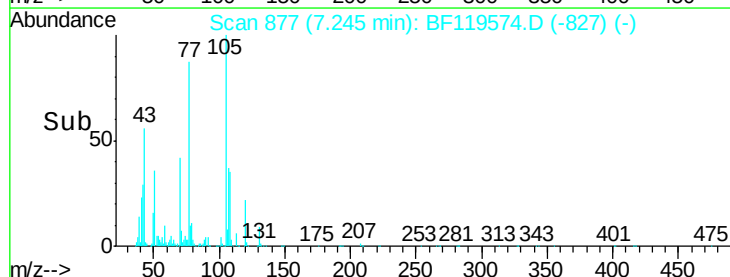
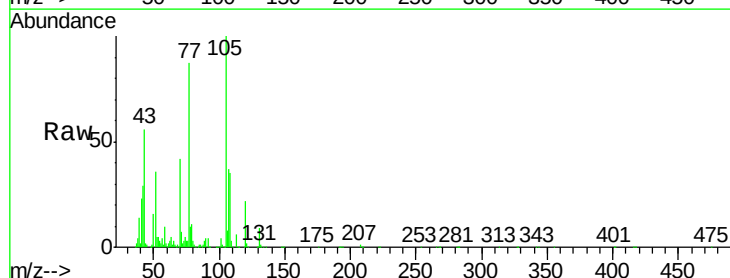
Ion Ratio Lower Upper

105 100

71 6.8 5.7 8.5

51 36.0 26.2 39.4

120 22.5 18.3 27.5

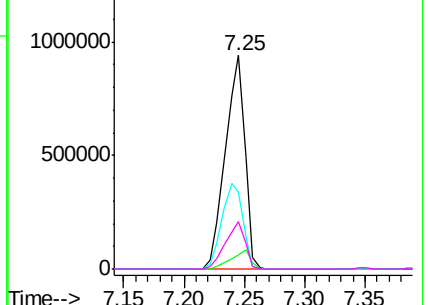


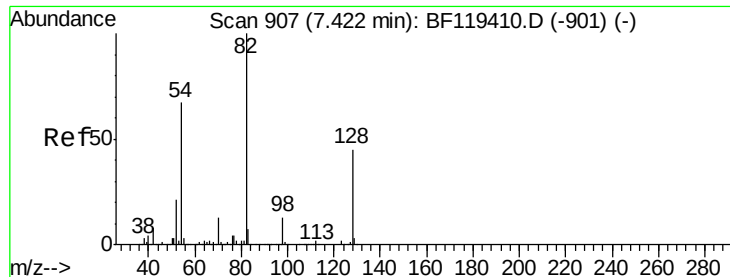
Abundance Ion 105.00 (104.70 to 105.70): E

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

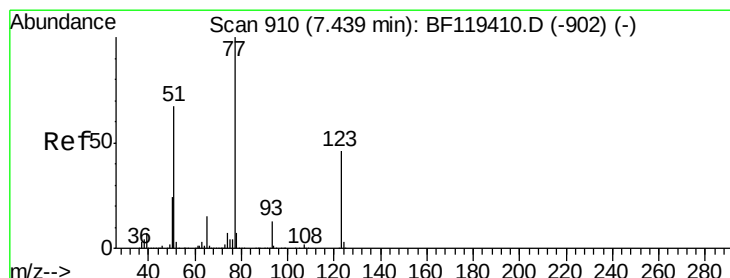
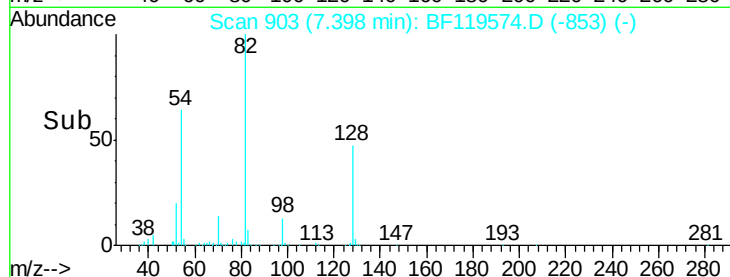
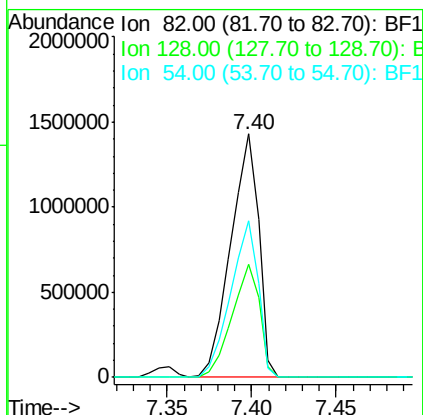
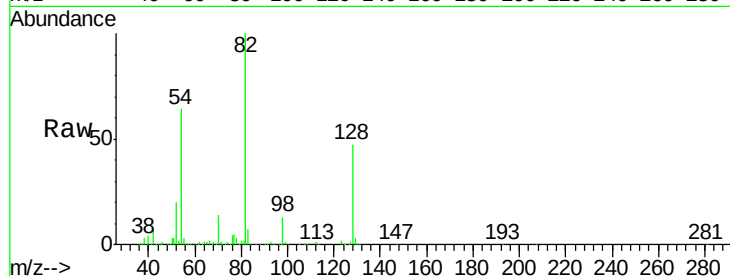




#23
Nitrobenzene-d5
Concen: 84.66 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

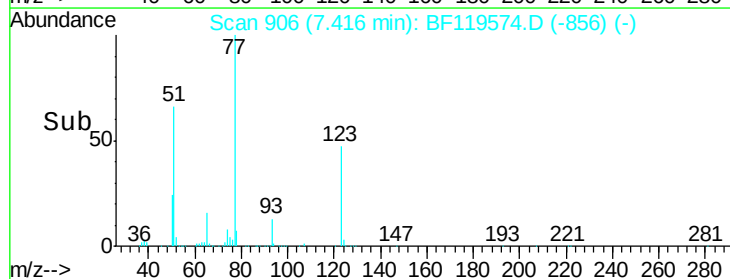
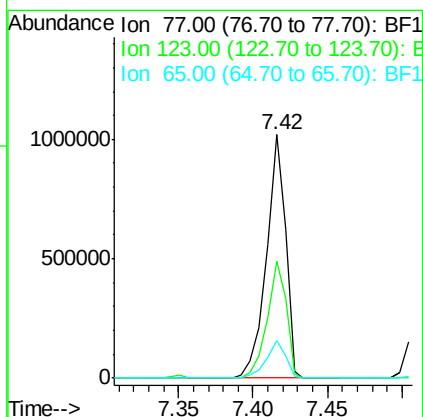
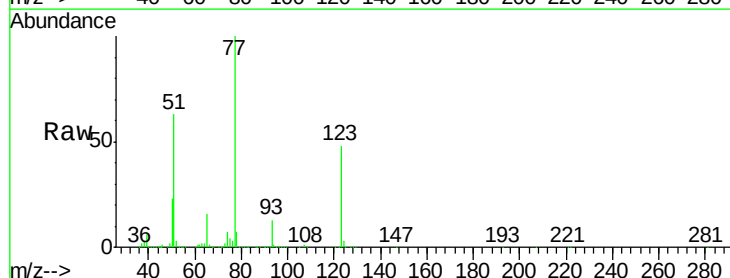
Instrument :
BNA_F
ClientSampleId :
PB127849BS

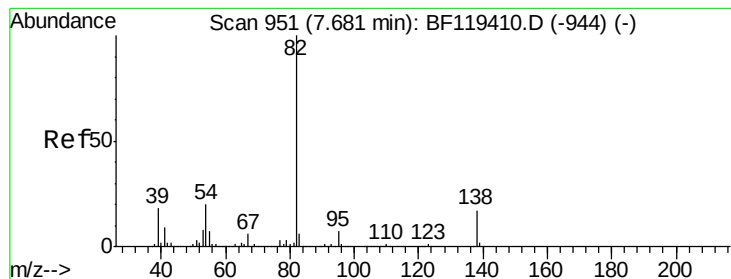
Tgt Ion: 82 Resp: 1646960
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 64.4 50.6 75.8



#24
Nitrobenzene
Concen: 43.05 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion: 77 Resp: 894887
Ion Ratio Lower Upper
77 100
123 47.8 38.0 57.0
65 15.5 12.6 18.8





#25

Isophorone

Concen: 39.98 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

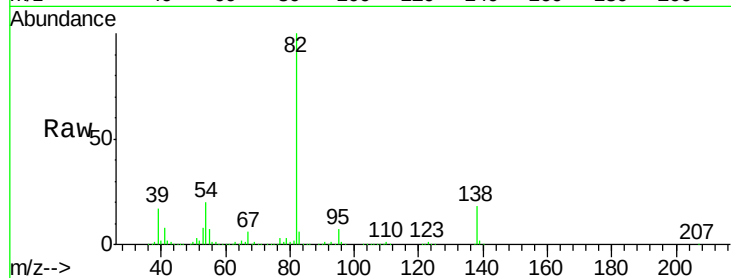
Tgt Ion: 82 Resp: 1577669

Ion Ratio Lower Upper

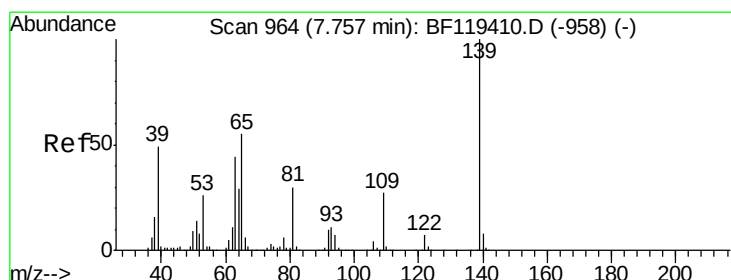
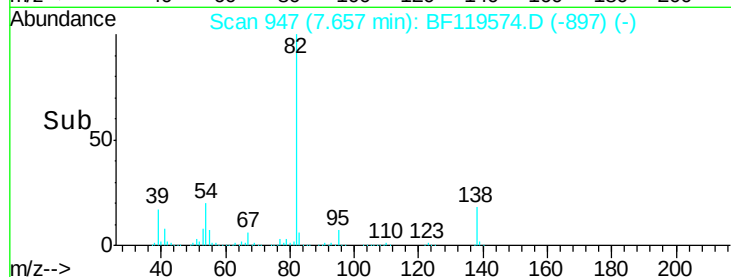
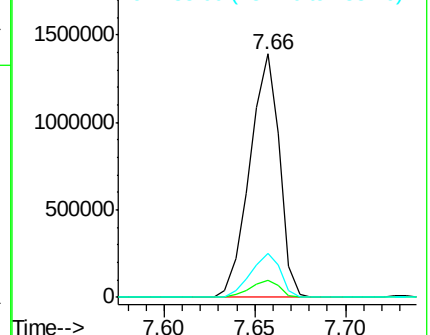
82 100

95 6.9 5.8 8.6

138 17.9 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.84 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

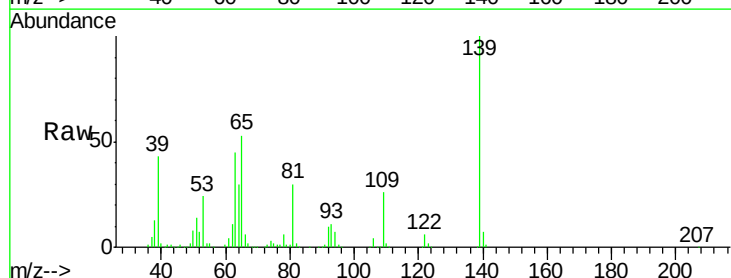
Tgt Ion: 139 Resp: 432551

Ion Ratio Lower Upper

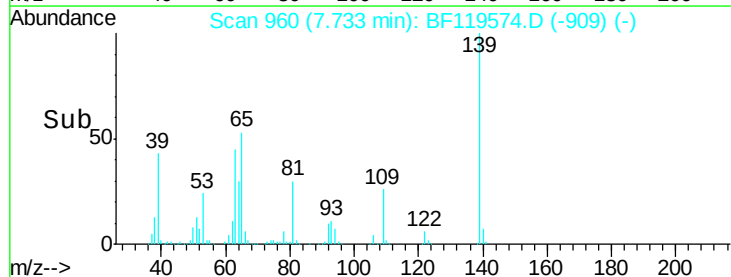
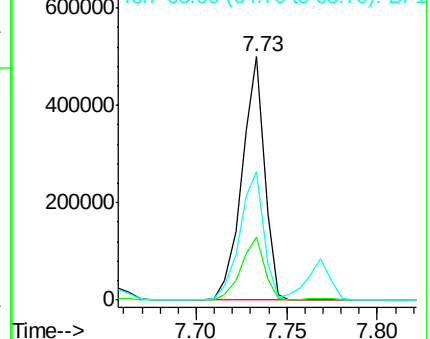
139 100

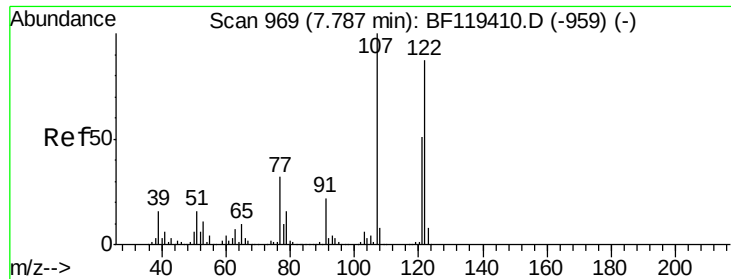
109 26.2 22.1 33.1

65 52.9 49.2 73.8



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

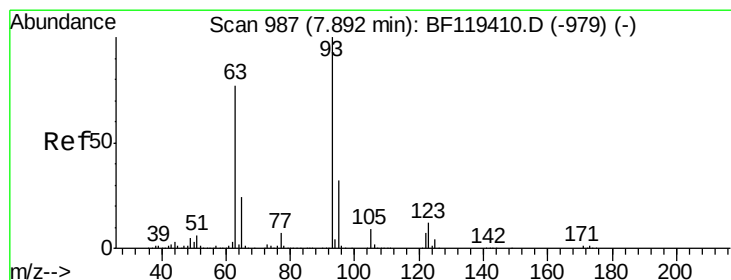
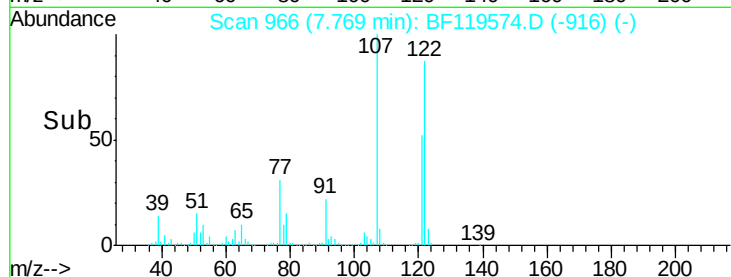
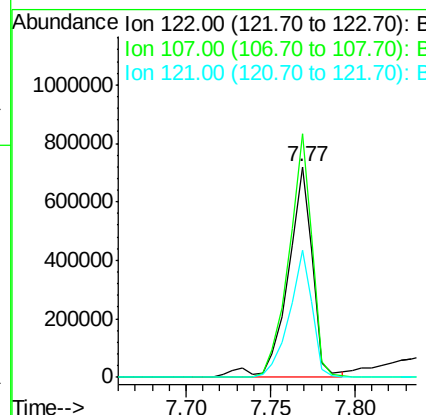
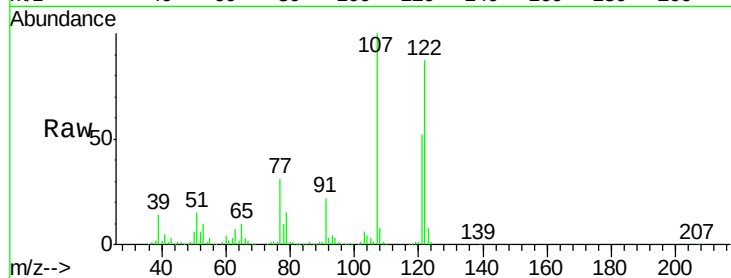




#27
 2,4-Dimethylphenol
 Concen: 43.33 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

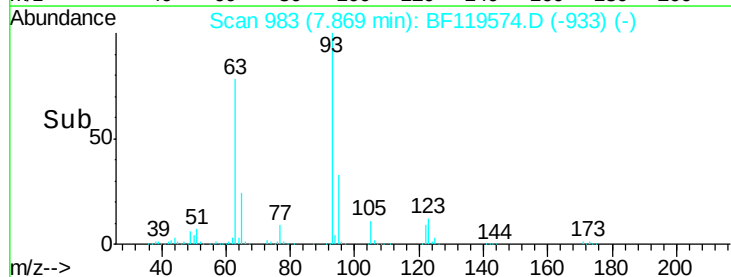
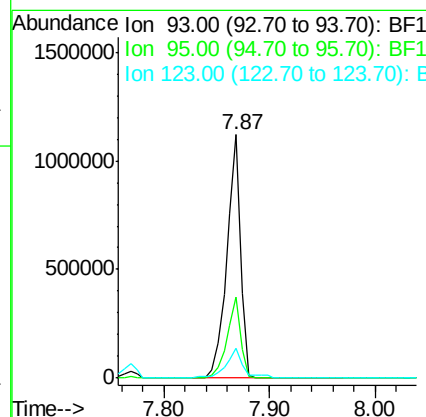
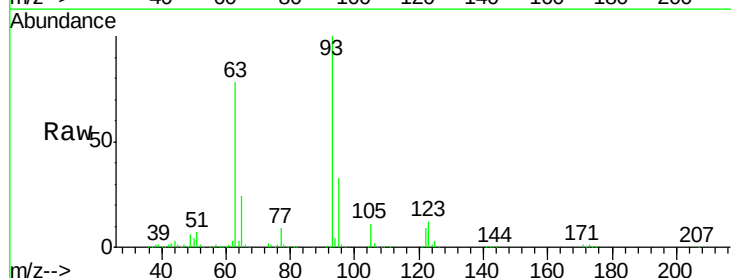
Instrument :
 BNA_F
 ClientSampled :
 PB127849BS

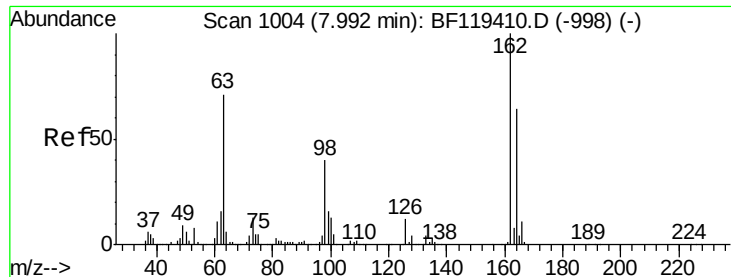
Tgt Ion:122 Resp: 733385
 Ion Ratio Lower Upper
 122 100
 107 115.4 89.0 133.6
 121 60.0 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.68 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion: 93 Resp: 1019161
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 12.2 9.7 14.5

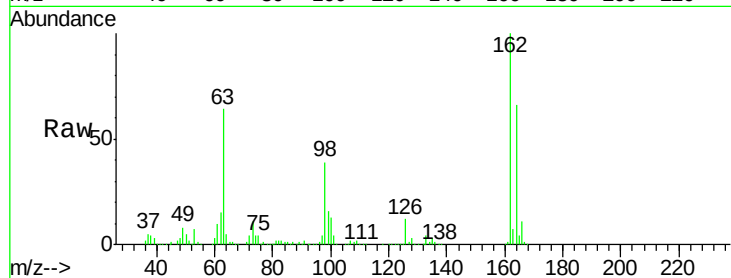




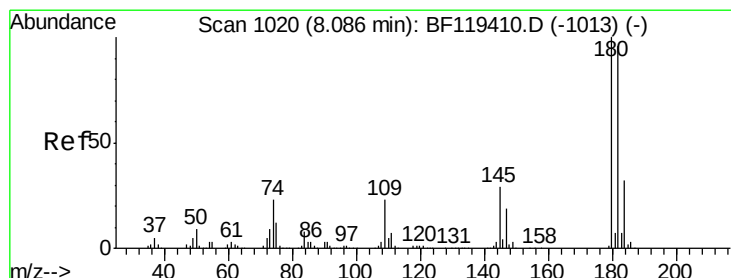
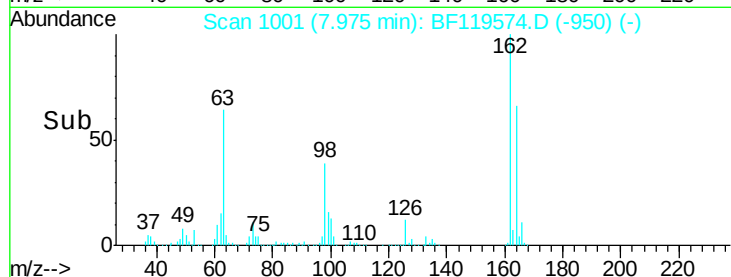
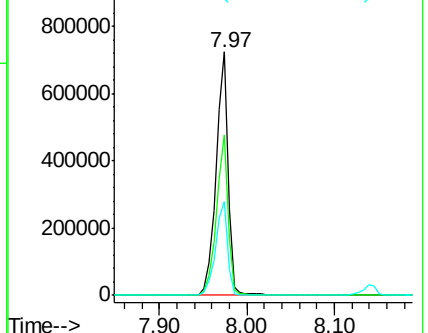
#29
2,4-Dichlorophenol
Concen: 44.71 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tgt Ion:162 Resp: 695249
Ion Ratio Lower Upper
162 100
164 66.1 44.7 84.7
98 38.8 20.7 60.7

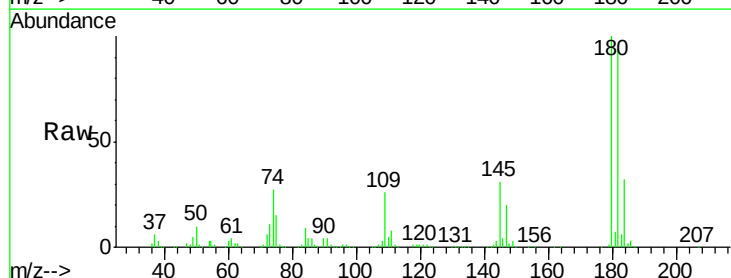


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

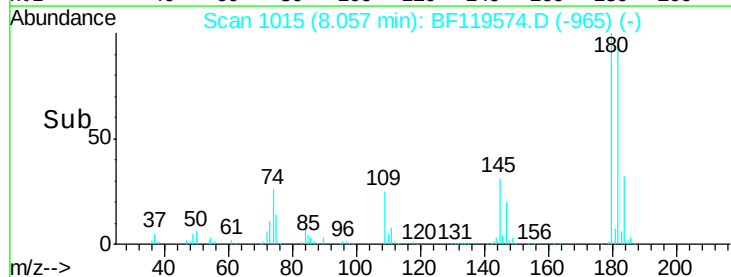
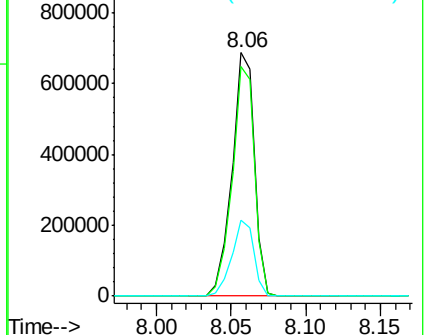


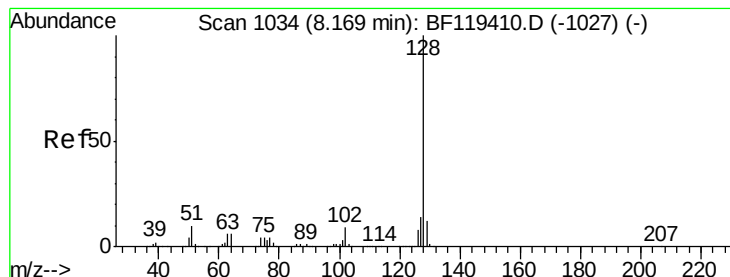
#30
1,2,4-Trichlorobenzene
Concen: 42.26 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:180 Resp: 726826
Ion Ratio Lower Upper
180 100
182 94.4 74.7 112.1
145 31.2 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: 44.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

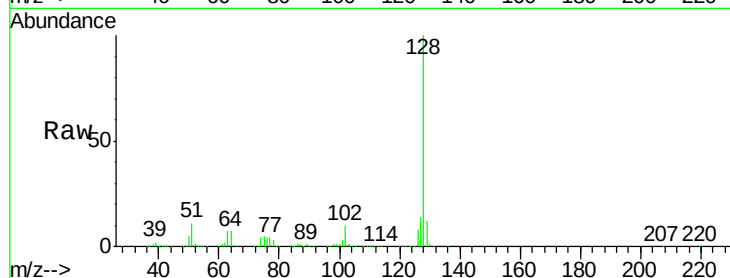
Tgt Ion:128 Resp: 2394033

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

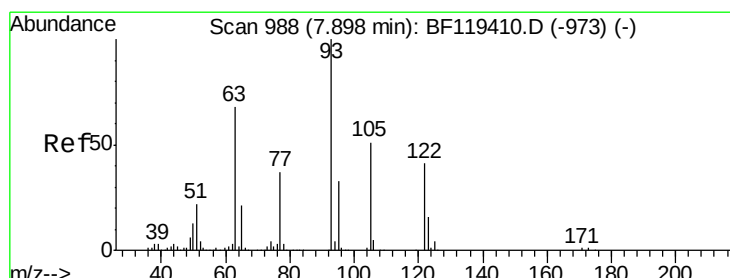
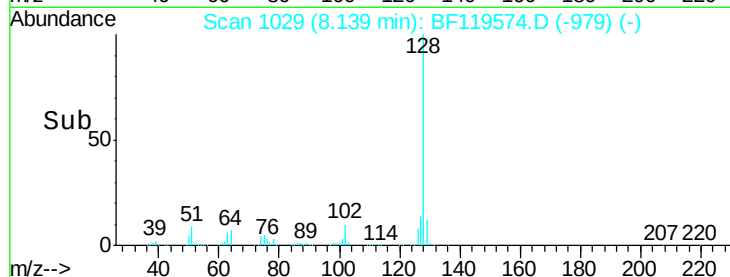
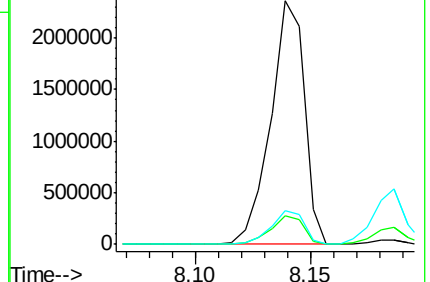
127 13.7 11.3 16.9



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: 51.06 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

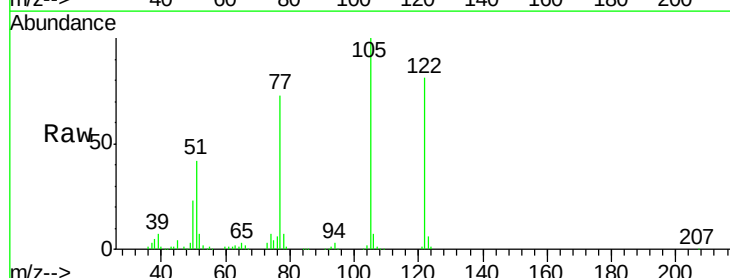
Tgt Ion:122 Resp: 555925

Ion Ratio Lower Upper

122 100

105 123.6 104.9 144.9

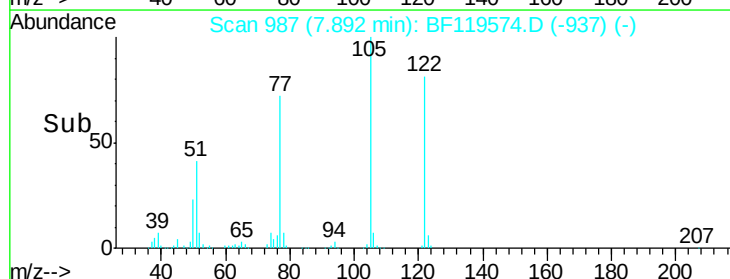
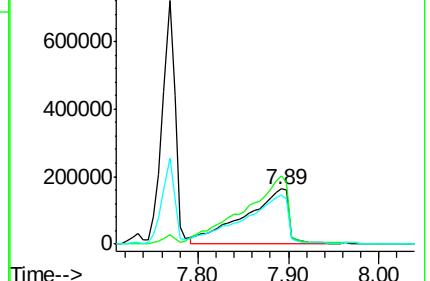
77 89.7 74.4 114.4

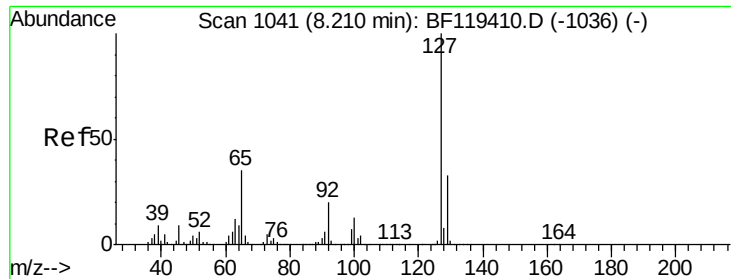


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

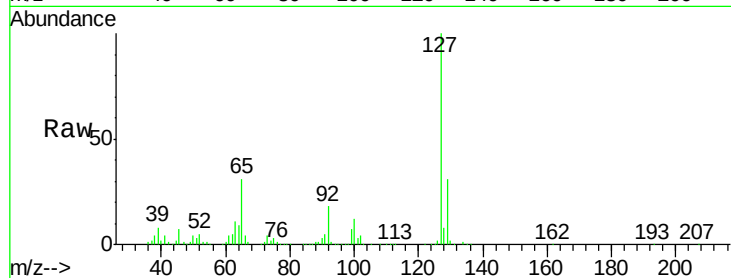




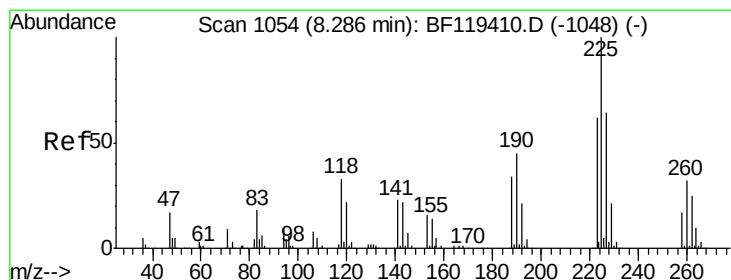
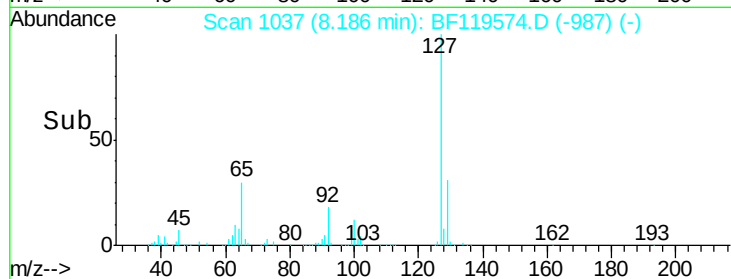
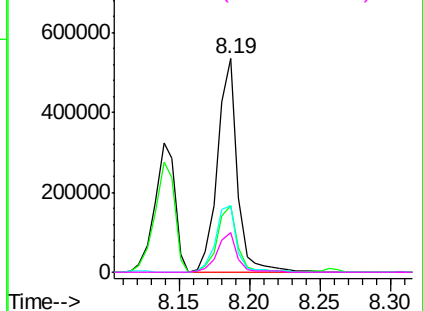
#33
4-Chloroaniline
Concen: 20.97 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tgt Ion:	127	Resp:	522704
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	31.5	27.4	41.0
92	18.4	15.3	22.9

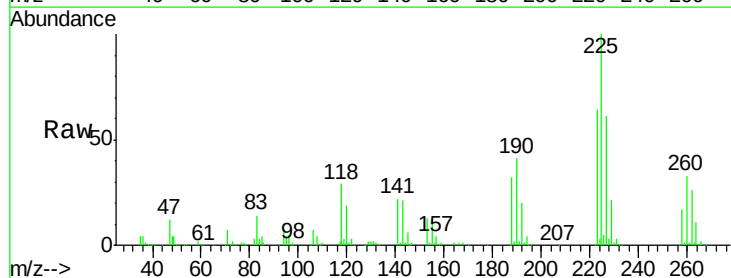


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

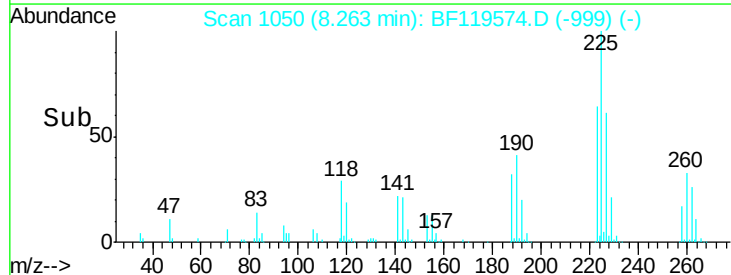
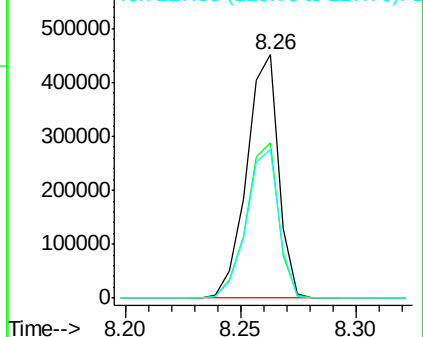


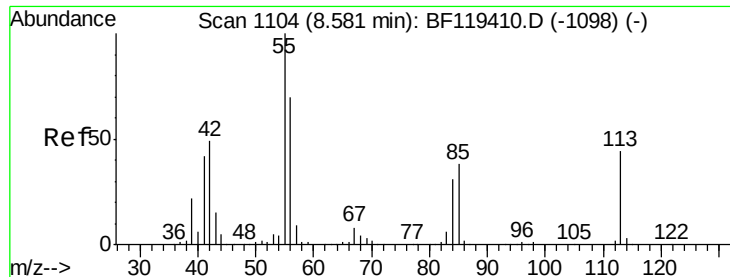
#34
Hexachlorobutadiene
Concen: 45.30 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:	225	Resp:	435921
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	61.3	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

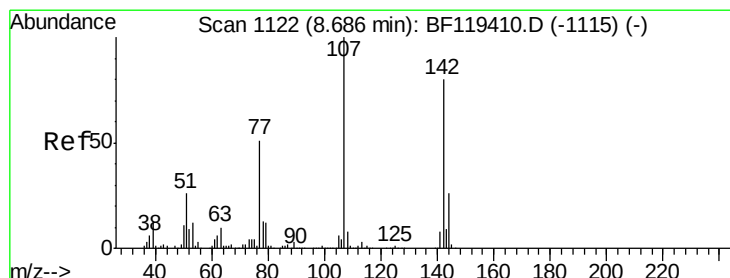
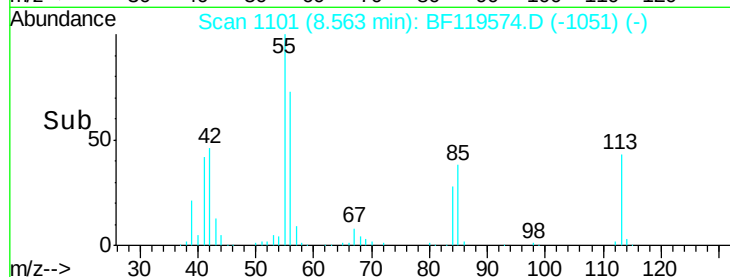
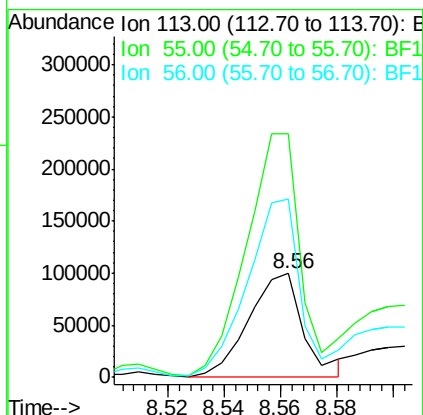
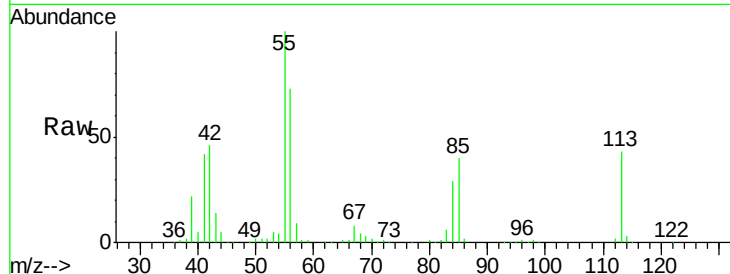




#35
 Caprolactam
 Concen: 26.03 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

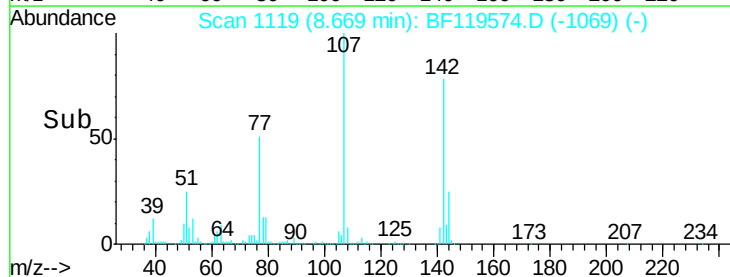
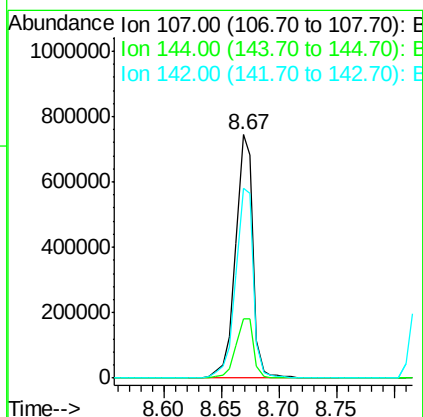
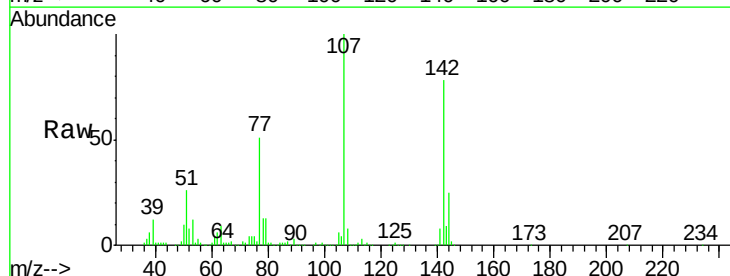
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

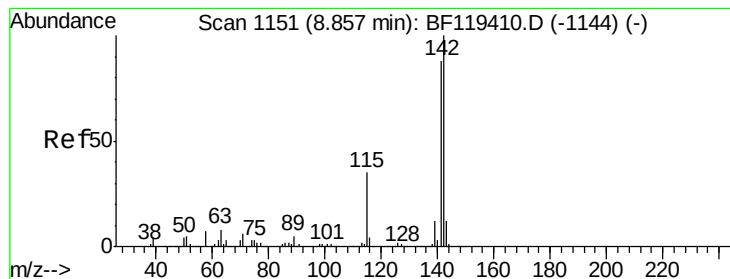
Tgt Ion:113 Resp: 132474
 Ion Ratio Lower Upper
 113 100
 55 234.3 218.4 258.4
 56 172.2 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.84 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:107 Resp: 779160
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.0 31.6
 142 77.9 64.4 96.6





#37

2-Methylnaphthalene

Concen: 46.17 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

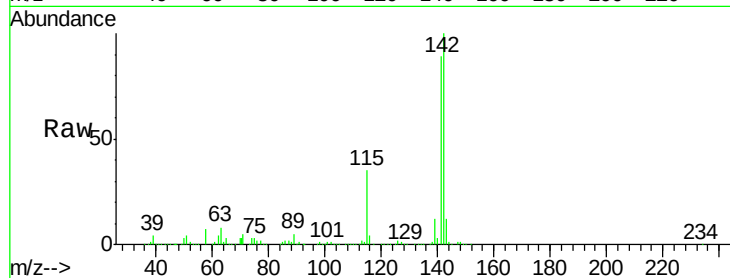
Tgt Ion:142 Resp: 1648576

Ion Ratio Lower Upper

142 100

141 88.7 71.7 107.5

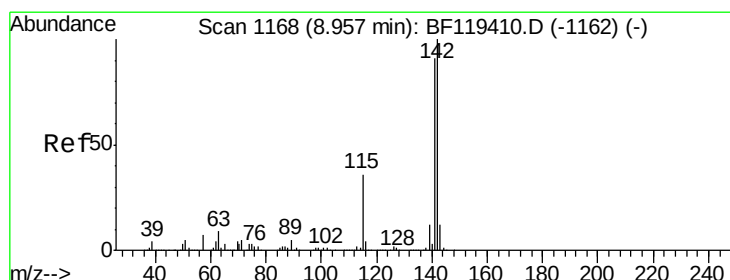
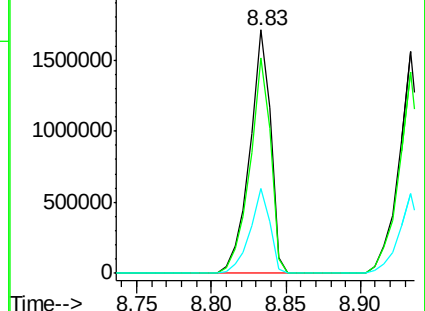
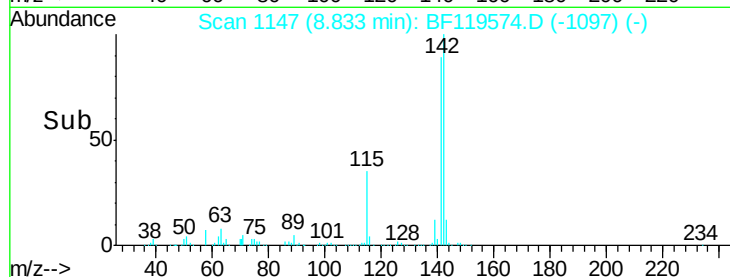
115 34.9 27.9 41.9



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: 44.22 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

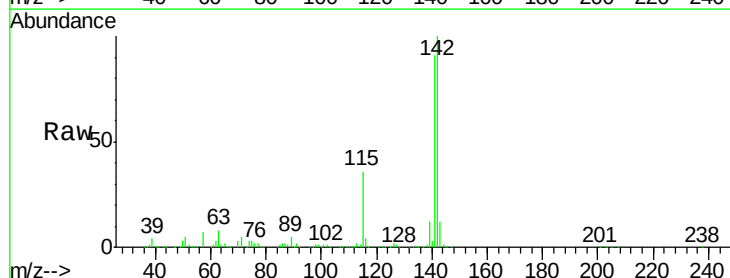
Tgt Ion:142 Resp: 1494468

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

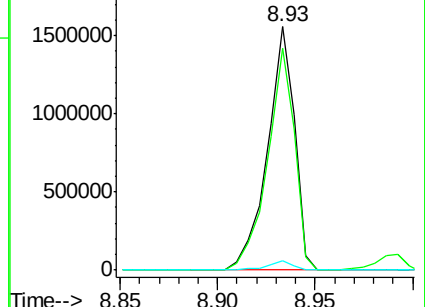
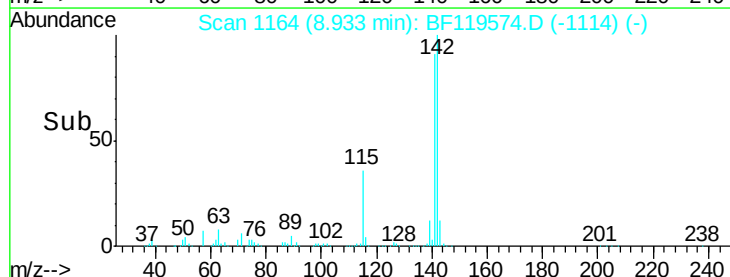
116 3.9 3.0 4.6

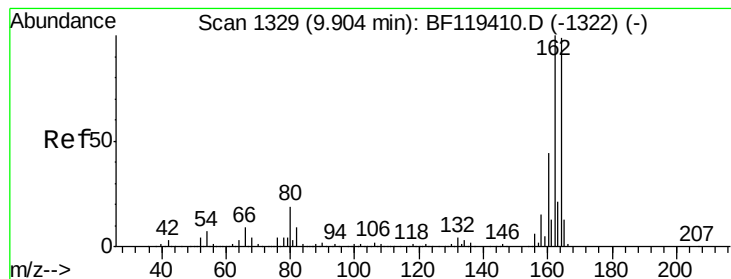


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

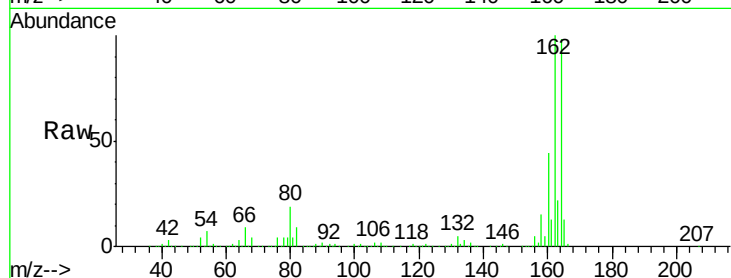
Tgt Ion:164 Resp: 573332

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

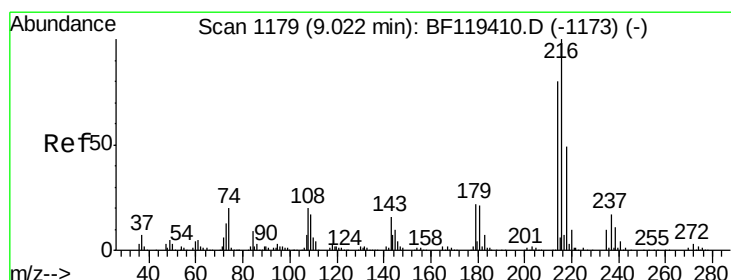
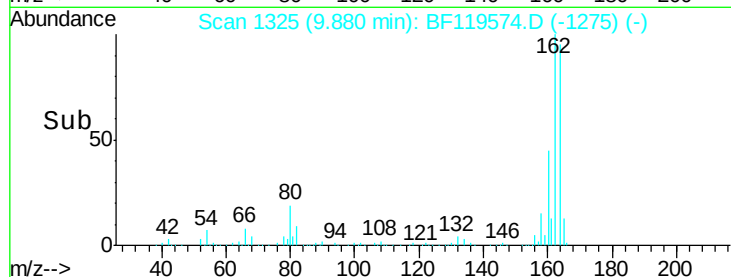
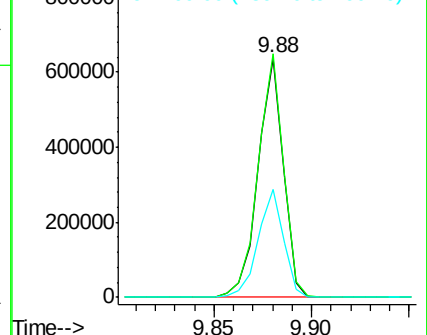
160 45.3 35.7 53.5



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: 40.03 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Tgt Ion:216 Resp: 672629

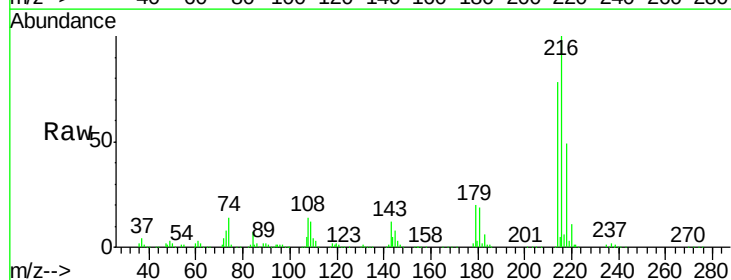
Ion Ratio Lower Upper

216 100

214 79.8 63.2 94.8

179 21.4 17.1 25.7

108 20.8 15.1 22.7

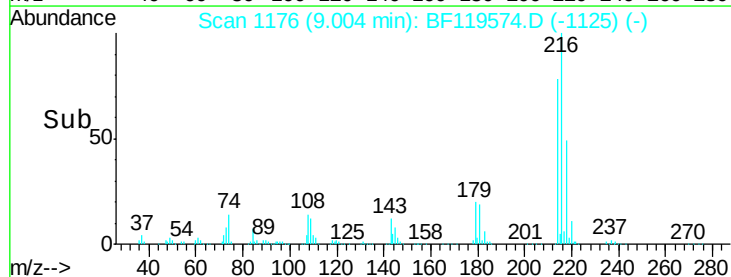
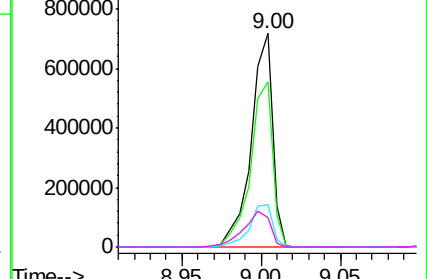


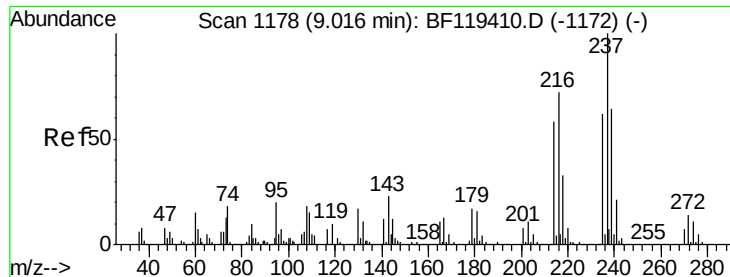
Abundance Ion 216.00 (215.70 to 216.70): E

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

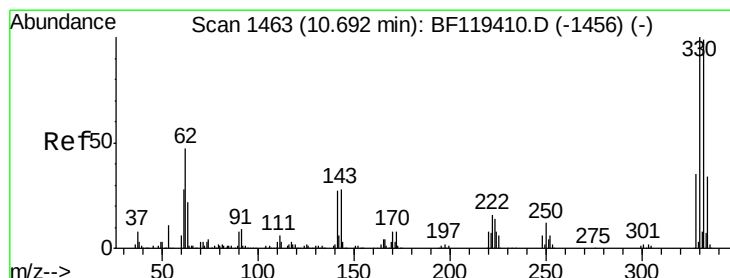
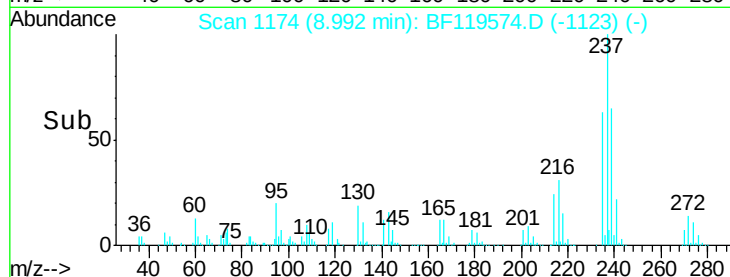
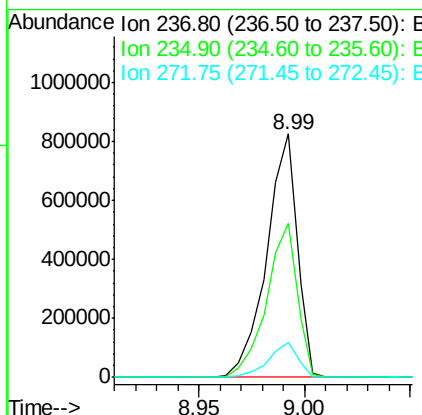
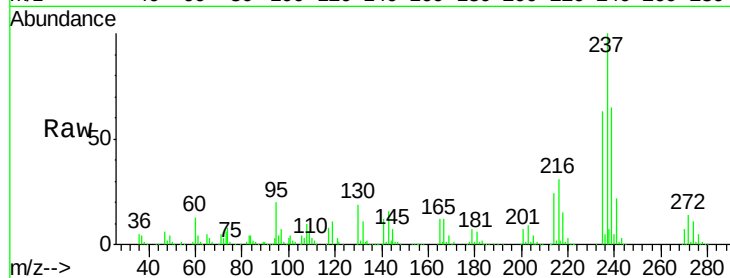




#41
Hexachlorocyclopentadiene
Concen: 86.88 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

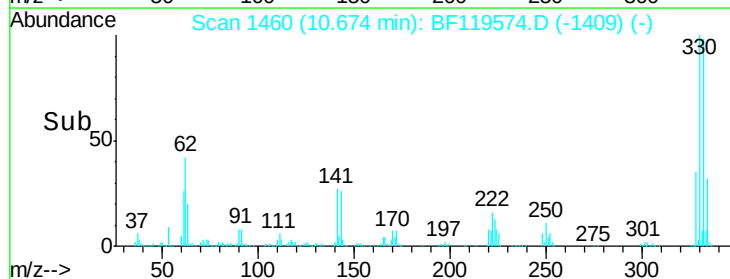
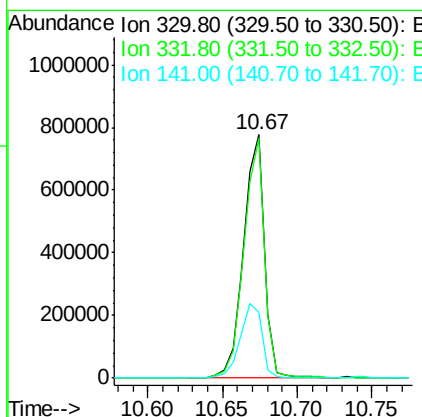
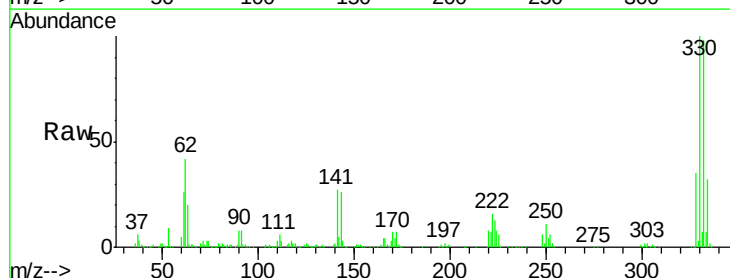
Instrument :
BNA_F
ClientSampleId :
PB127849BS

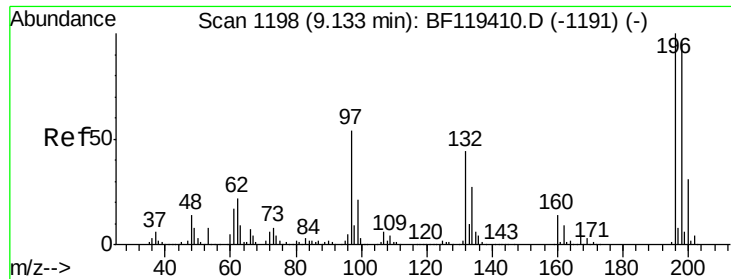
Tgt Ion: 237 Resp: 830024
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 14.2 0.0 34.1



#42
2,4,6-Tribromophenol
Concen: 127.81 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion: 330 Resp: 755993
Ion Ratio Lower Upper
330 100
332 97.9 75.7 113.5
141 32.4 25.4 38.0

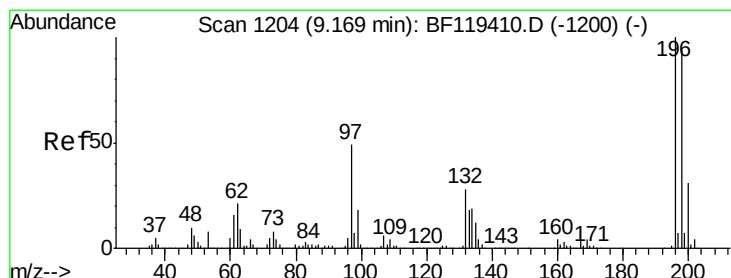
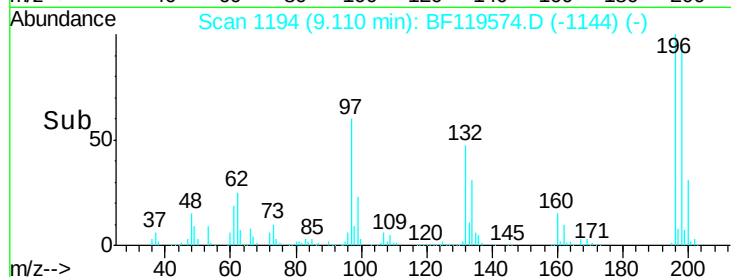
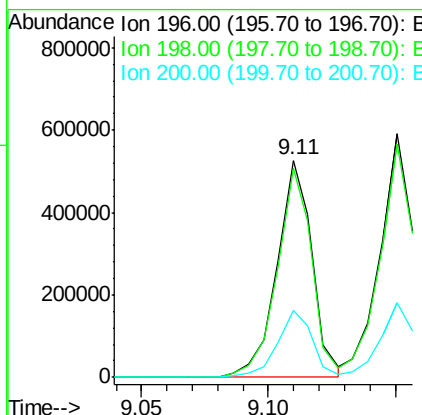
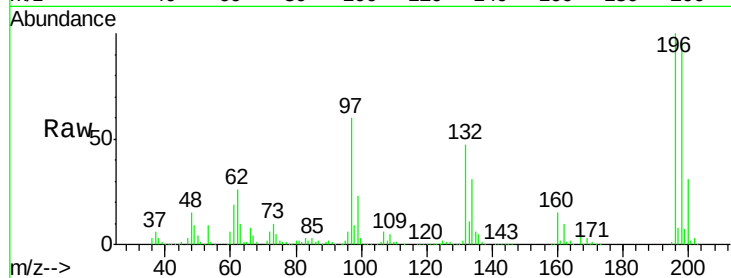




#43
 2,4,6-Trichlorophenol
 Concen: 42.44 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

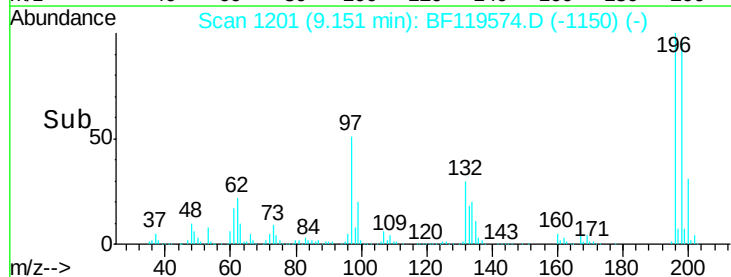
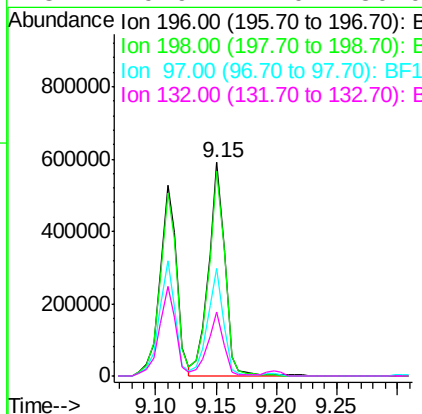
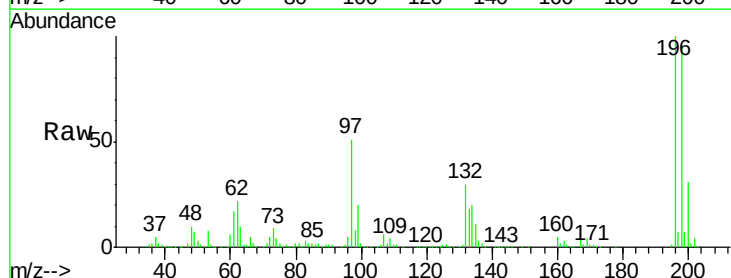
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

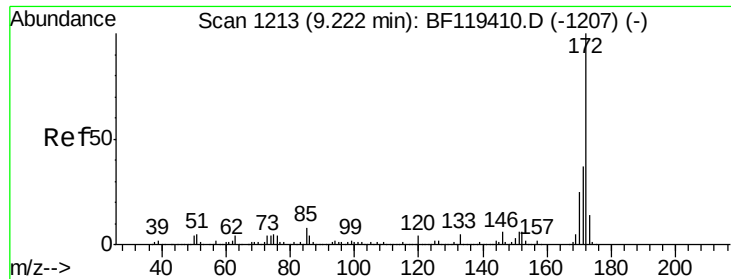
Tgt Ion:196 Resp: 510326
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 200 30.8 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:196 Resp: 549013
 Ion Ratio Lower Upper
 196 100
 198 95.7 73.8 110.8
 97 50.6 42.6 63.8
 132 29.9 24.0 36.0

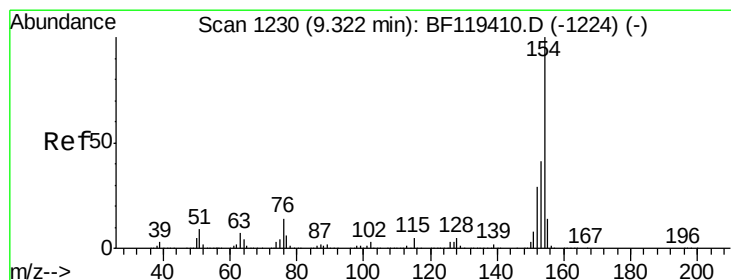
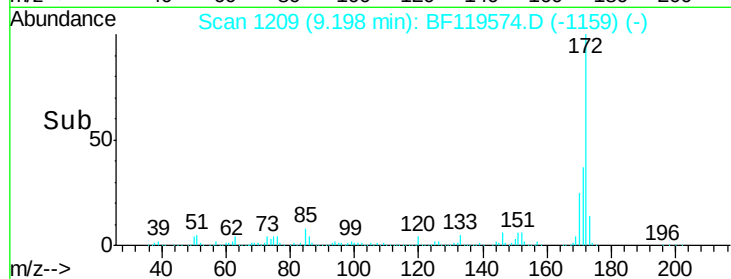
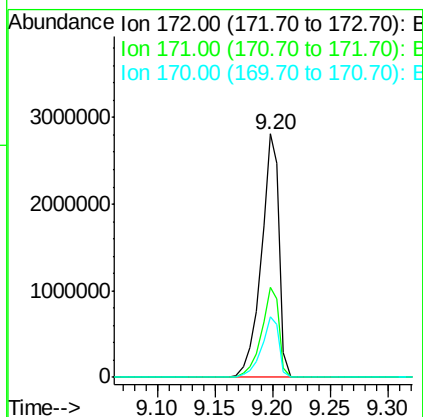
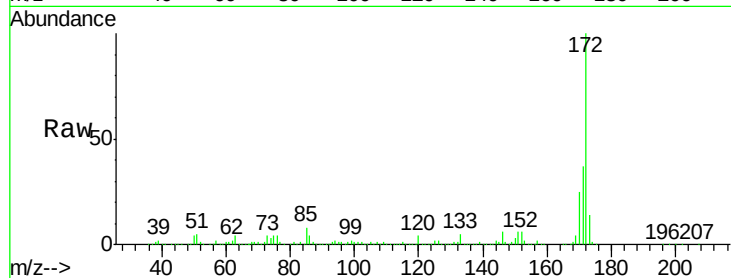




#45
2-Fluorobiphenyl
Concen: 78.43 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

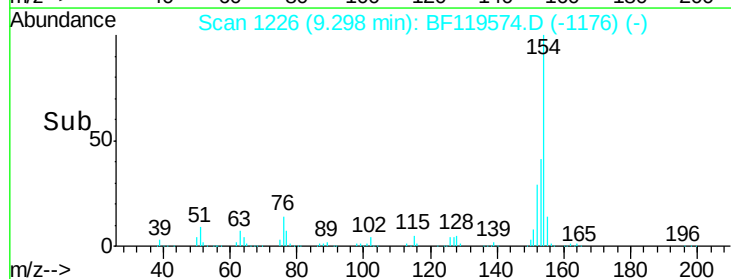
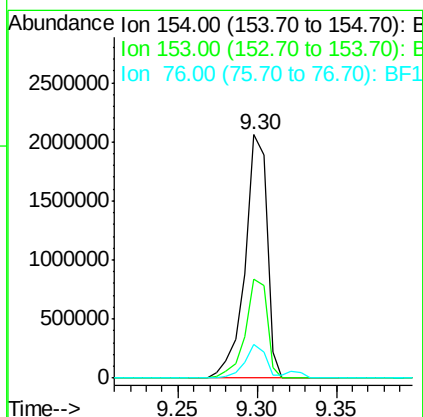
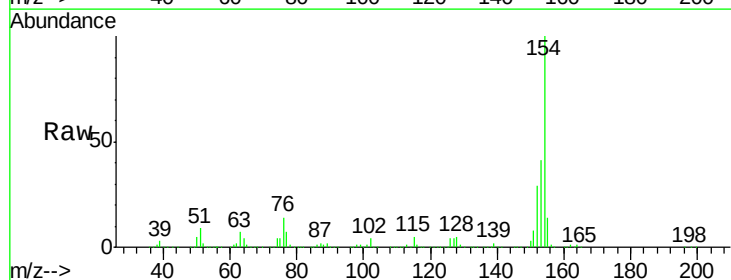
Instrument :
BNA_F
ClientSampleId :
PB127849BS

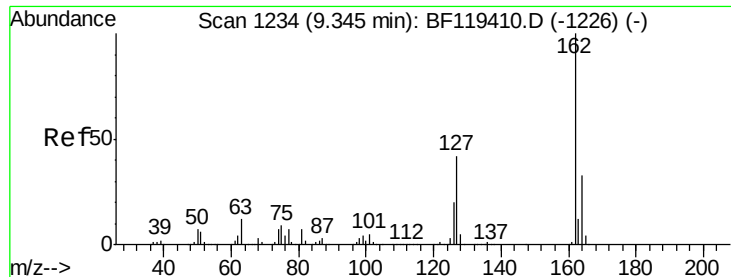
Tgt Ion:172 Resp: 3035114
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.26 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:154 Resp: 1973336
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 13.8 0.0 33.0

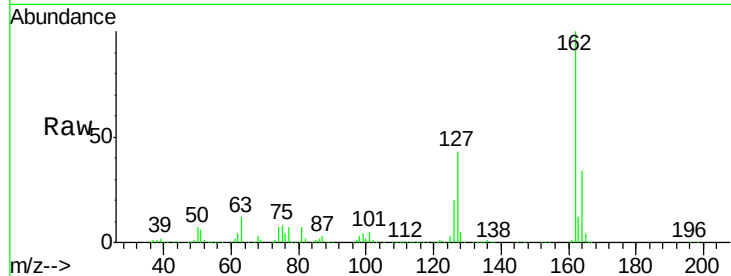




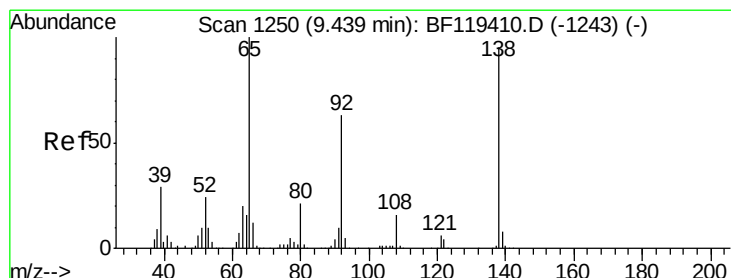
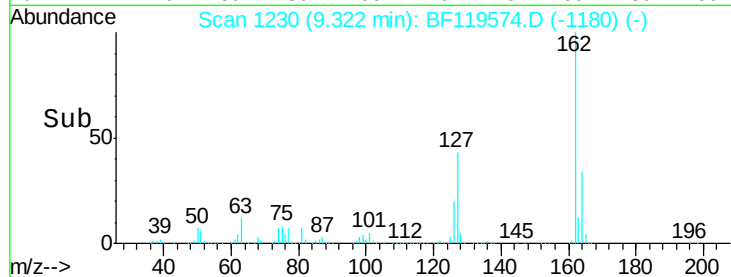
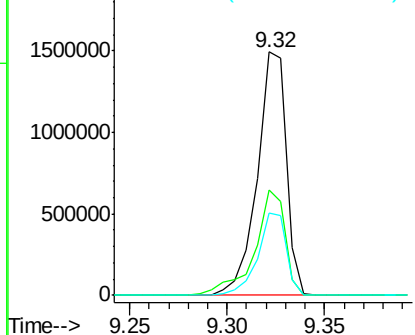
#47
 2-Chloronaphthalene
 Concen: 42.20 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tgt Ion: 162 Resp: 1543711
 Ion Ratio Lower Upper
 162 100
 127 43.3 33.7 50.5
 164 33.8 26.3 39.5

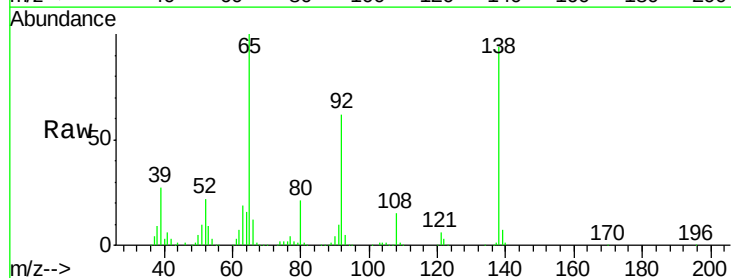


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

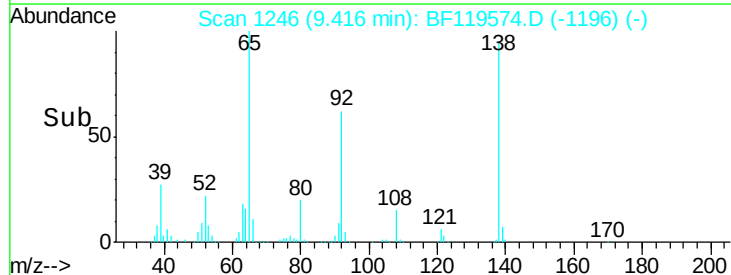
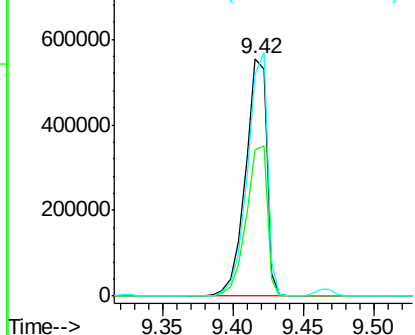


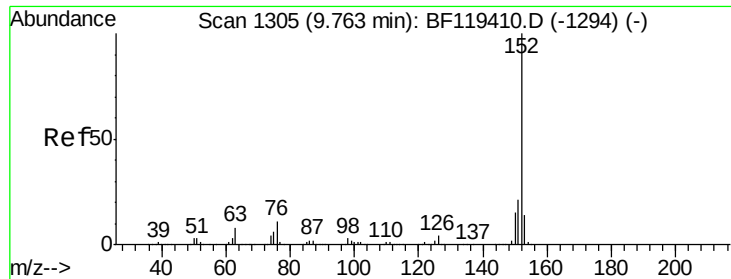
#48
 2-Nitroaniline
 Concen: 46.18 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion: 65 Resp: 582983
 Ion Ratio Lower Upper
 65 100
 92 61.8 50.0 75.0
 138 93.7 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.29 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

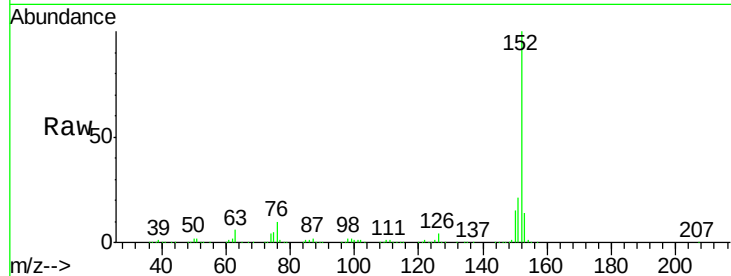
Tgt Ion:152 Resp: 2429168

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

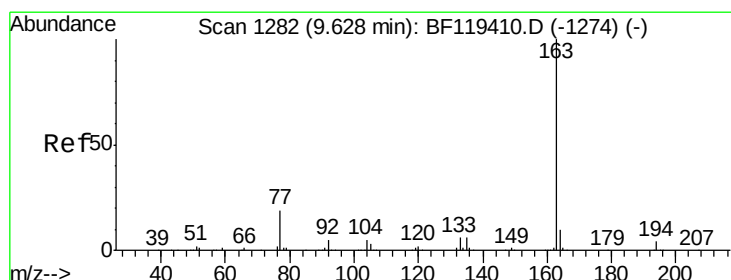
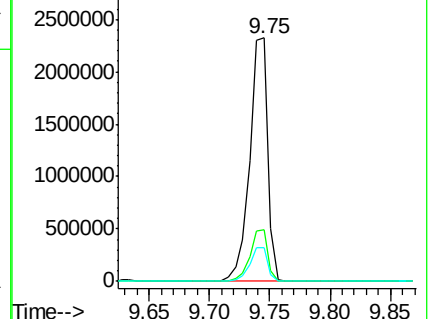
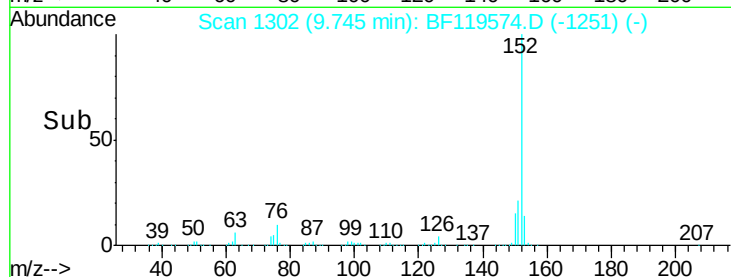
153 13.6 11.2 16.8



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: 43.15 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

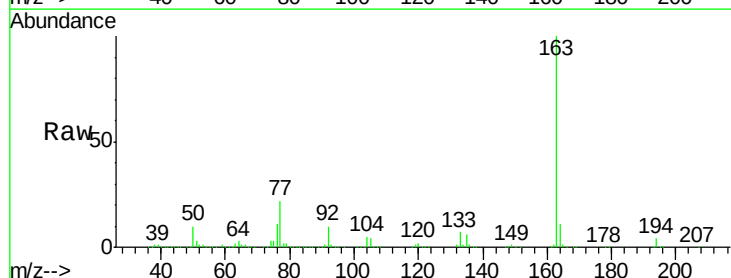
Tgt Ion:163 Resp: 1757104

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

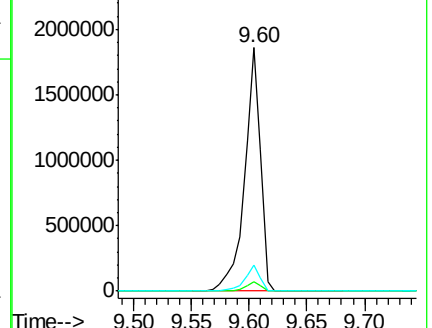
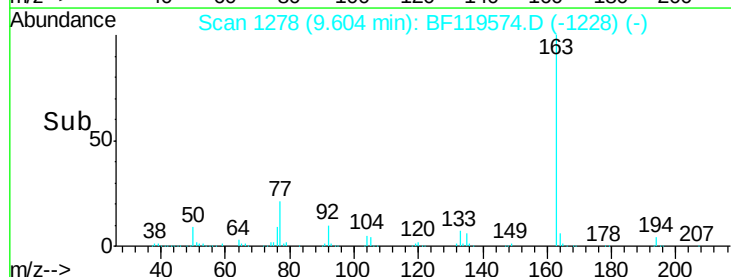
164 10.7 8.2 12.2

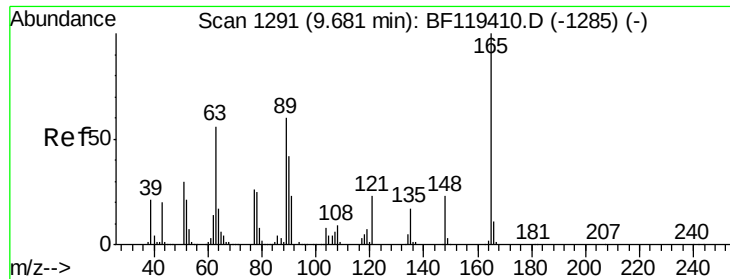


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

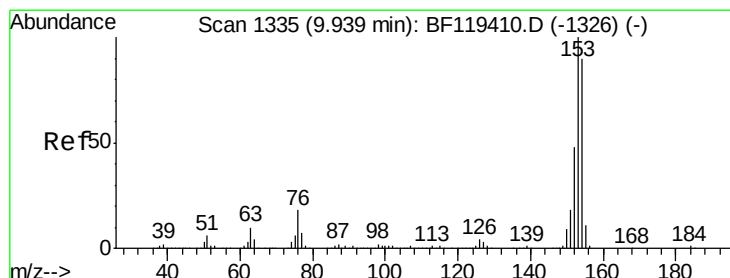
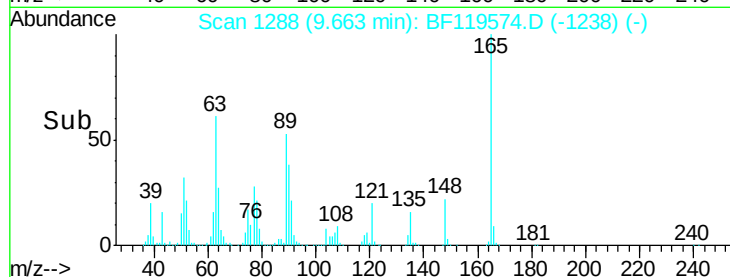
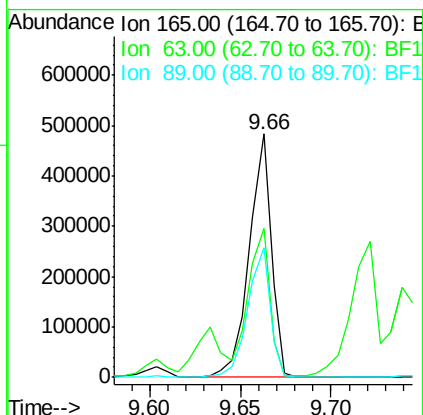
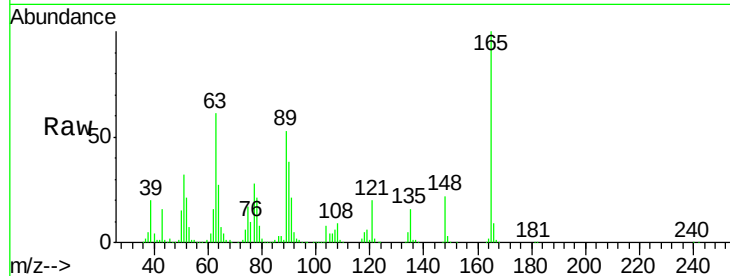




#51
2,6-Dinitrotoluene
Concen: 47.08 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

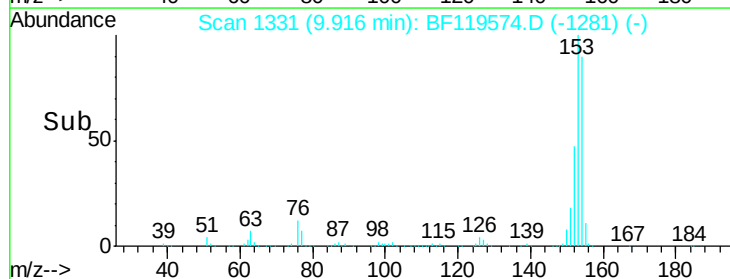
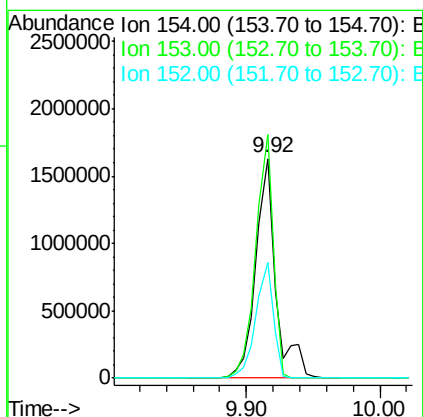
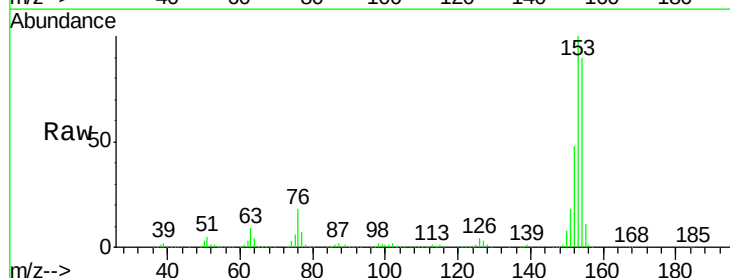
Instrument :
BNA_F
ClientSampleId :
PB127849BS

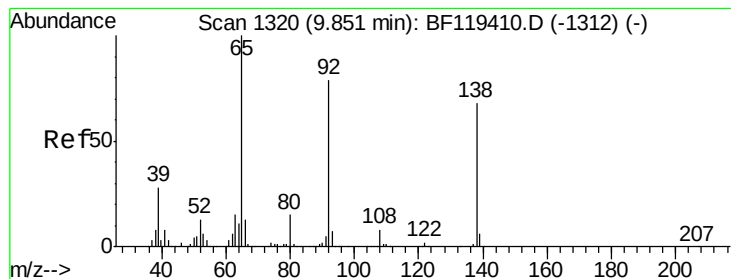
Tgt Ion:165 Resp: 410931
Ion Ratio Lower Upper
165 100
63 61.2 45.0 67.4
89 53.4 41.5 62.3



#52
Acenaphthene
Concen: 47.06 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:154 Resp: 1685189
Ion Ratio Lower Upper
154 100
153 110.8 88.1 132.1
152 52.8 43.0 64.4





#53

3-Nitroaniline

Concen: 27.19 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

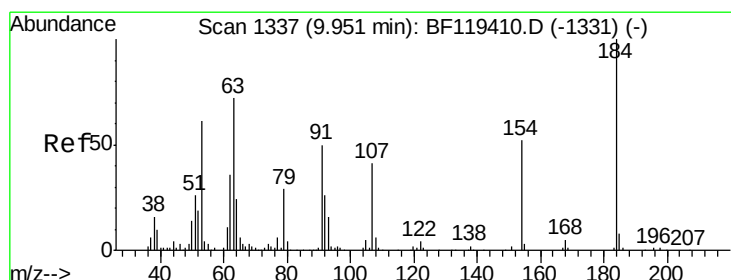
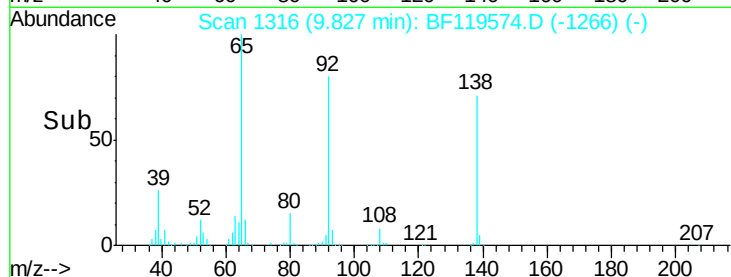
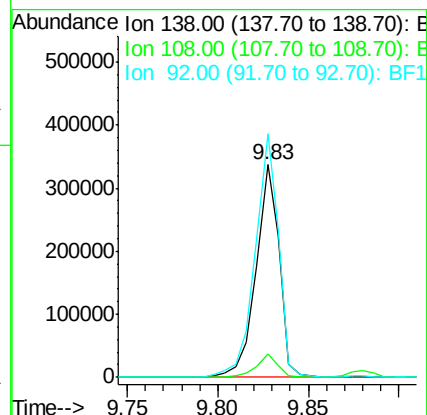
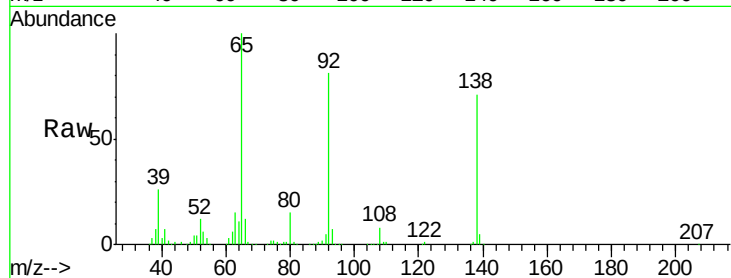
Tgt Ion:138 Resp: 299660

Ion Ratio Lower Upper

138 100

108 11.0 8.6 13.0

92 114.6 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 107.74 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

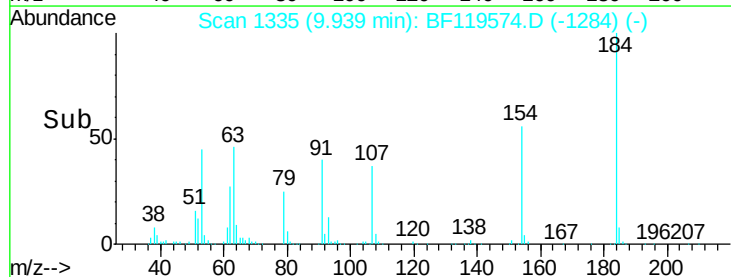
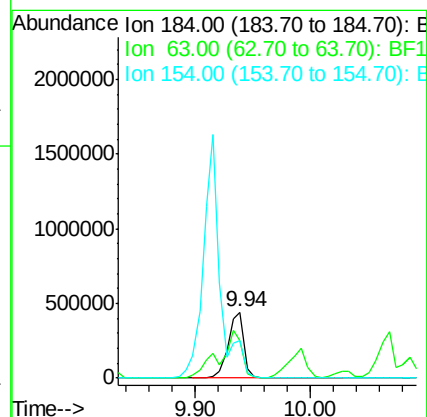
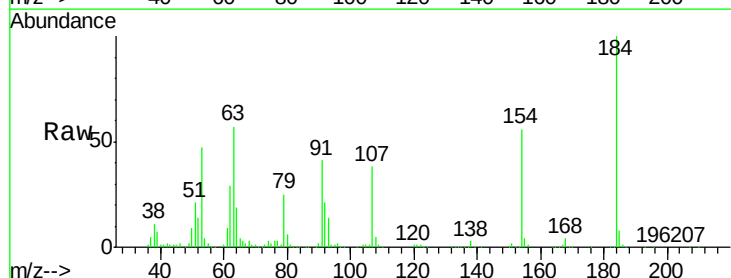
Tgt Ion:184 Resp: 417410

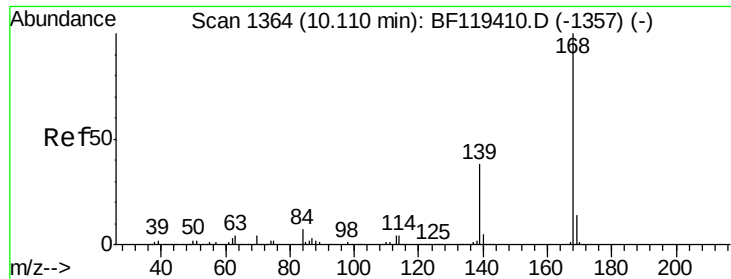
Ion Ratio Lower Upper

184 100

63 56.8 50.2 75.4

154 56.1 44.5 66.7

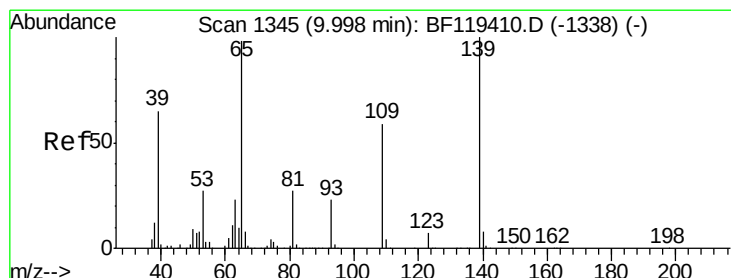
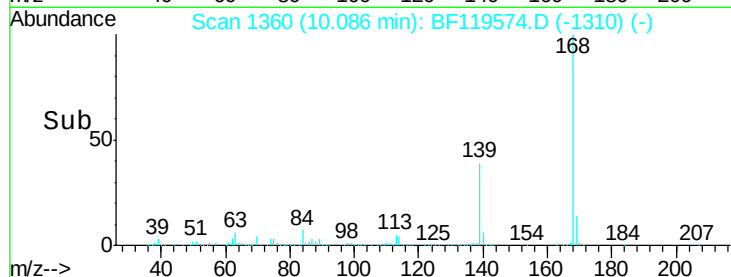
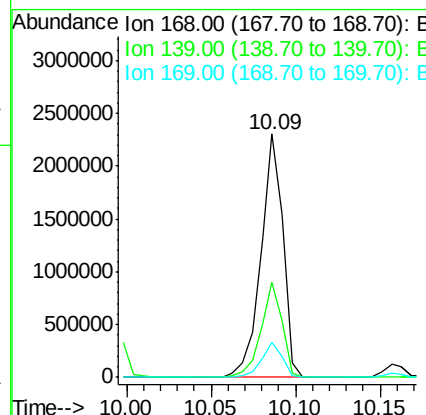
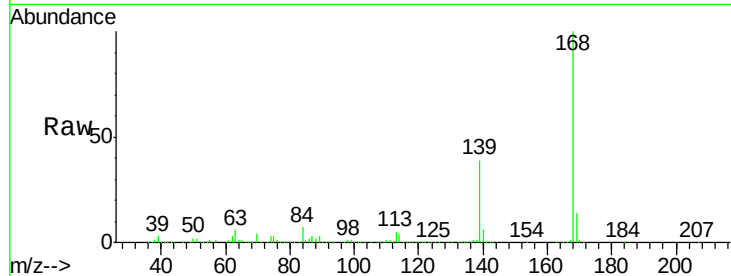




#55
Dibenzofuran
Concen: 40.78 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

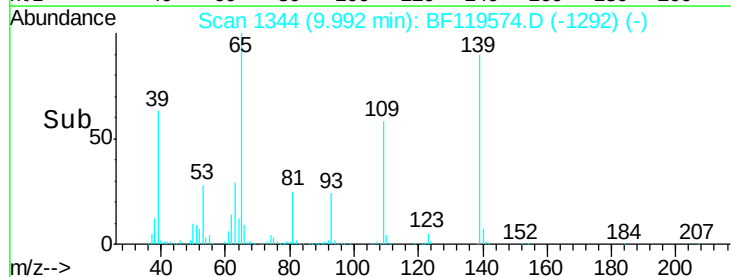
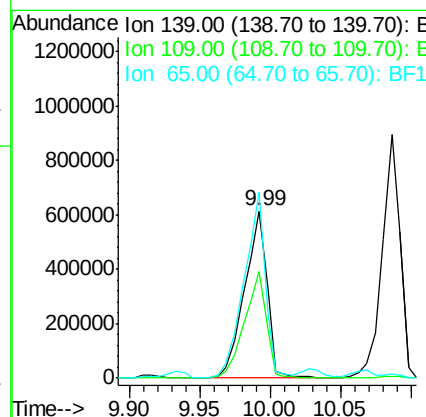
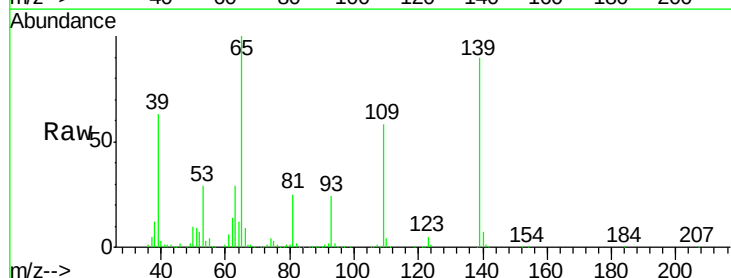
Instrument :
BNA_F
ClientSampleId :
PB127849BS

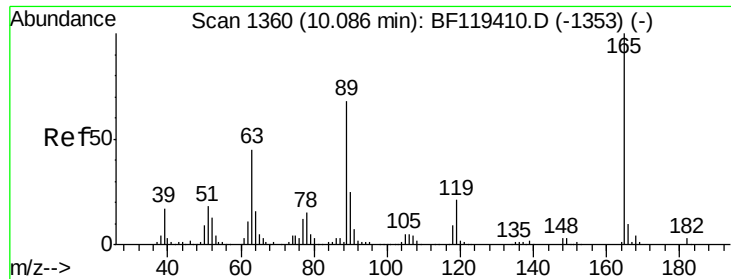
Tgt Ion:168 Resp: 2093853
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 78.53 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:139 Resp: 682658
Ion Ratio Lower Upper
139 100
109 64.2 43.3 83.3
65 111.1 91.0 131.0





#57

2,4-Dinitrotoluene

Concen: 48.61 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tgt Ion:165 Resp: 534467

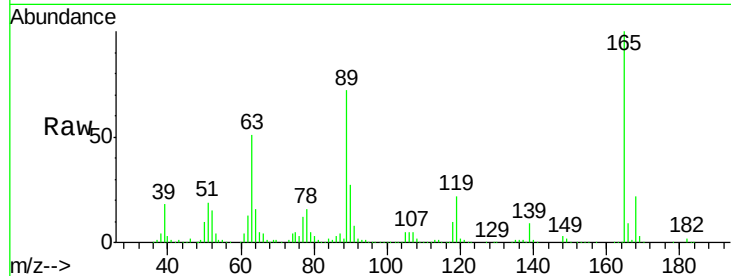
Ion Ratio Lower Upper

165 100

63 51.2 42.6 64.0

89 72.2 61.0 91.4

182 2.4 2.2 3.2

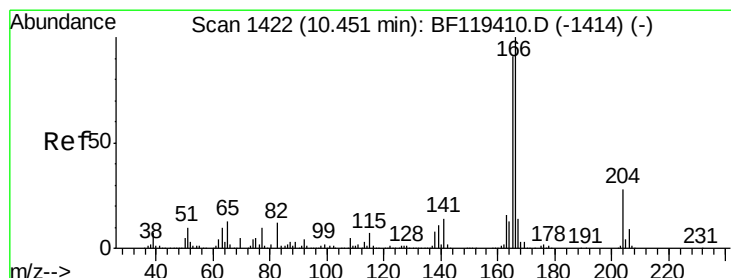
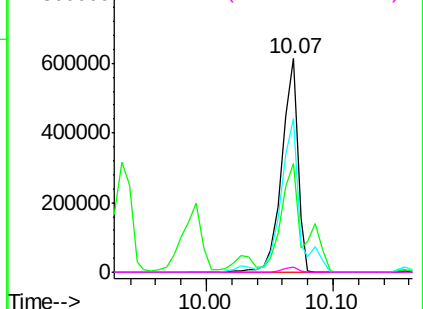
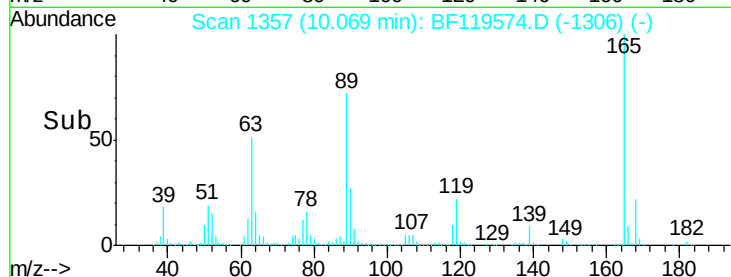


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.33 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

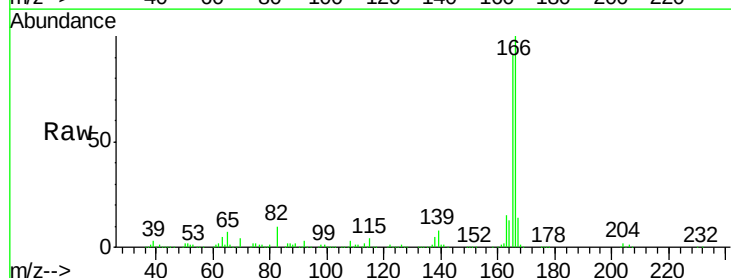
Tgt Ion:166 Resp: 1607098

Ion Ratio Lower Upper

166 100

165 91.5 75.4 113.2

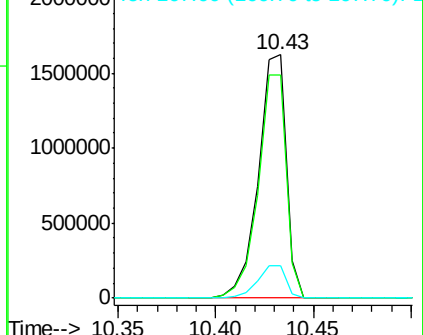
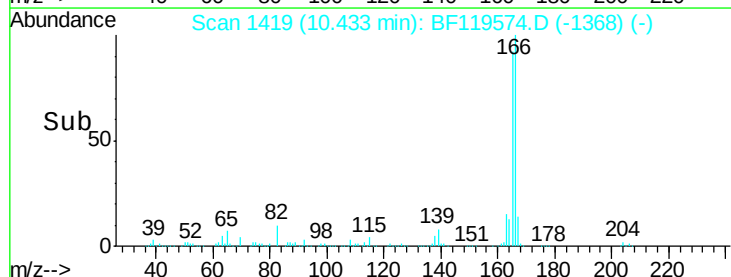
167 13.6 11.2 16.8

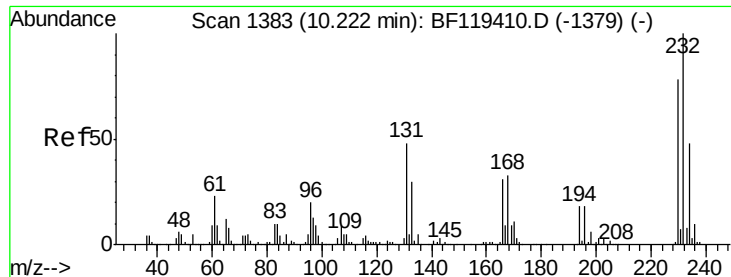


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

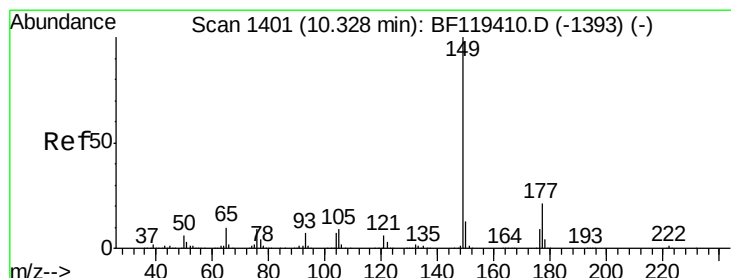
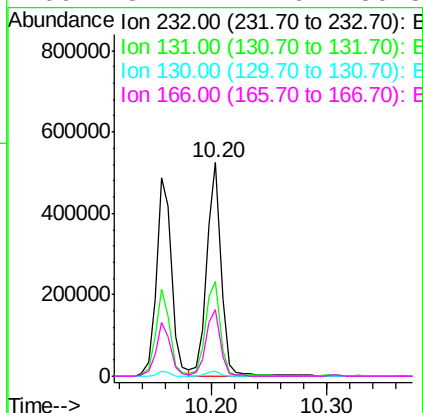
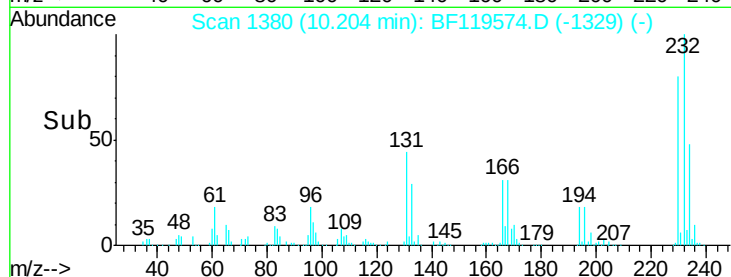
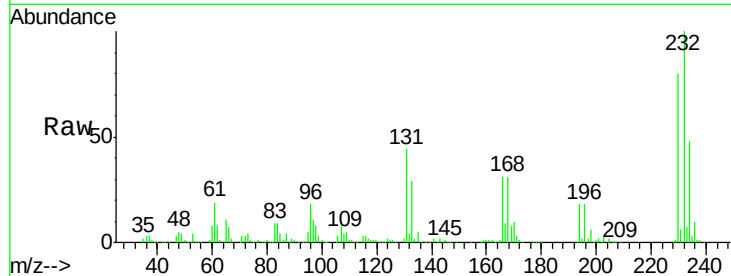




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.25 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

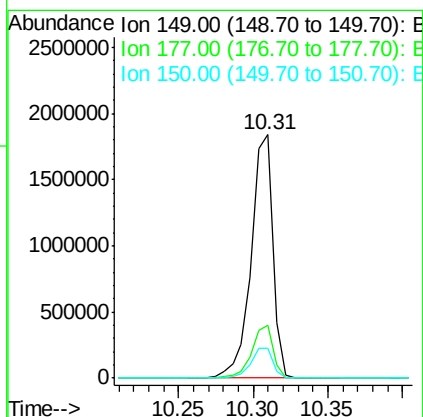
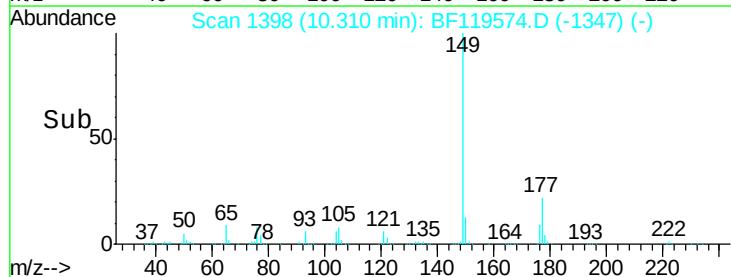
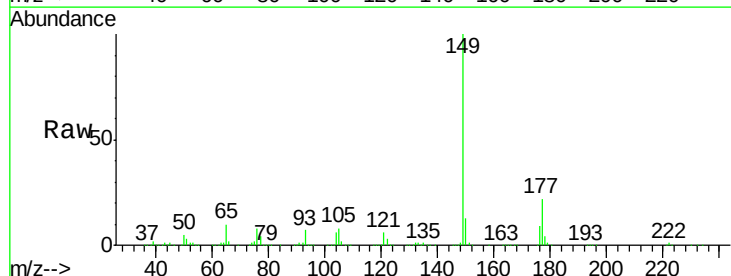
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

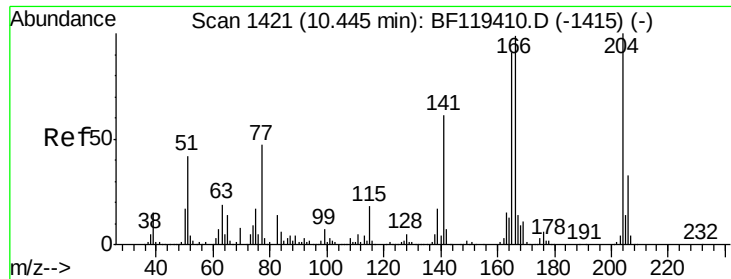
Tgt Ion: 232 Resp: 455678
 Ion Ratio Lower Upper
 232 100
 131 46.0 37.5 56.3
 130 2.3 1.8 2.6
 166 31.2 24.6 36.8



#60
 Diethylphthalate
 Concen: 44.43 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion: 149 Resp: 1836514
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.0 25.6
 150 12.5 10.1 15.1

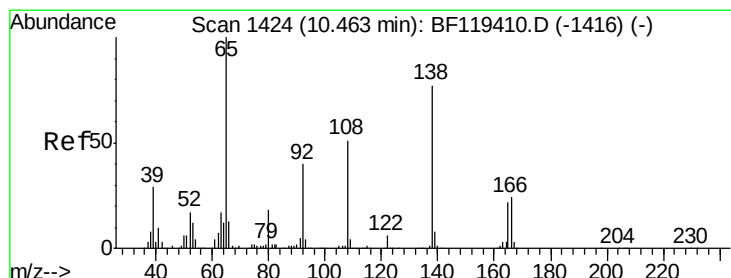
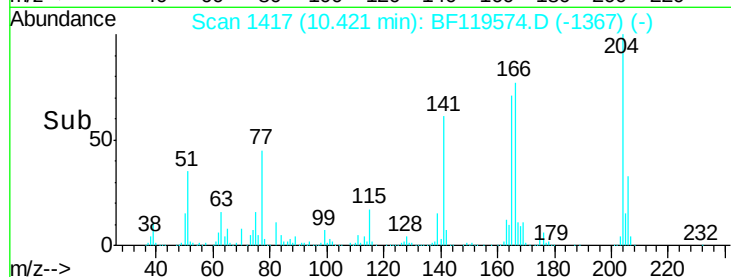
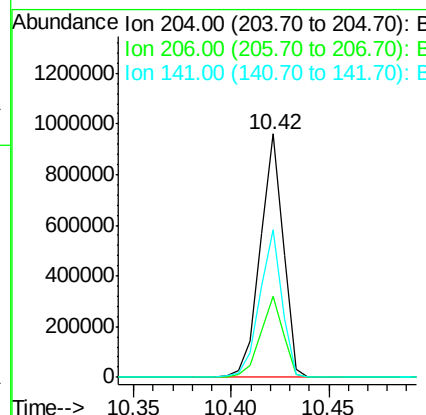
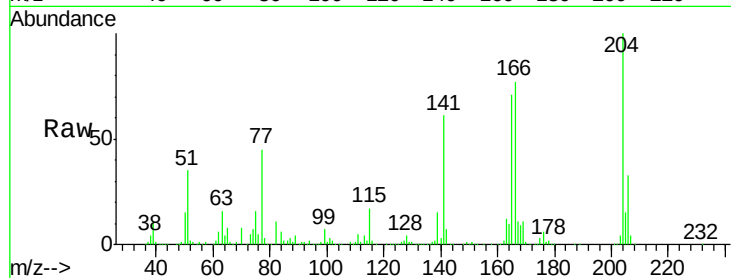




#61
 4-Chlorophenyl-phenylether
 Concen: 42.18 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

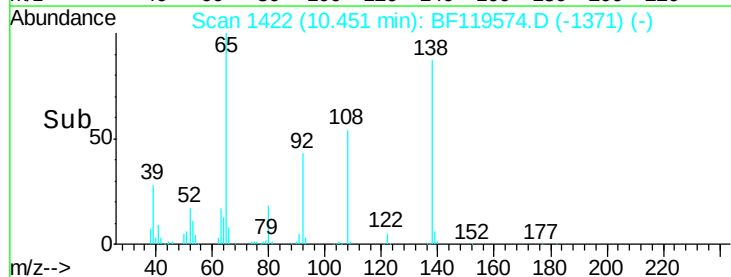
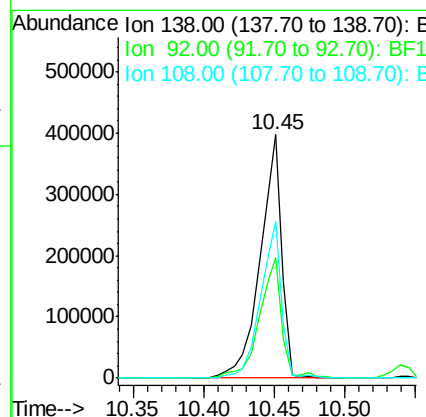
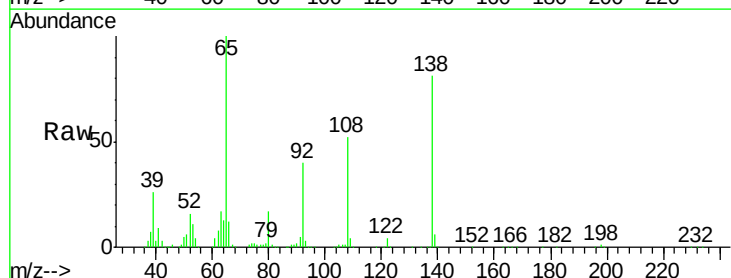
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

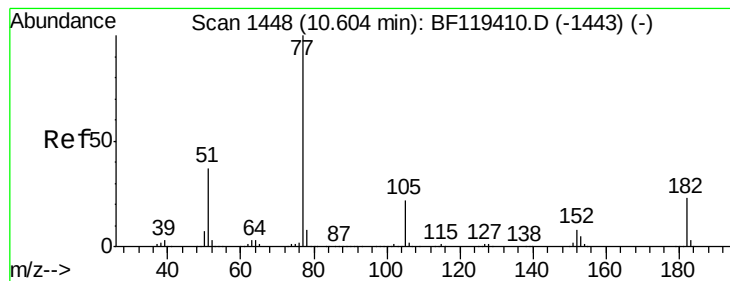
Tgt Ion:	204	Resp:	783168
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	60.6	47.3	70.9



#62
 4-Nitroaniline
 Concen: 40.42 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:	138	Resp:	427092
Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.5	71.5
108	64.1	45.8	85.8





#63

Azobenzene

Concen: 43.45 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

Tgt Ion: 77 Resp: 1808340

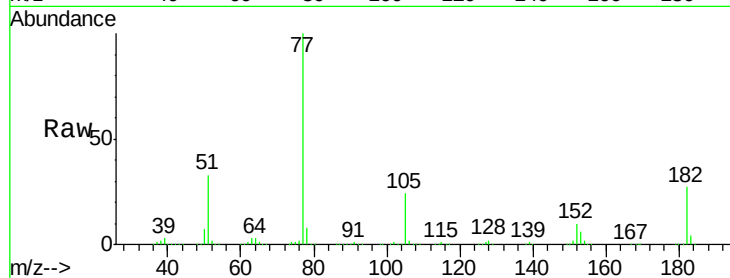
Ion Ratio Lower Upper

77 100

182 27.5 4.4 44.4

105 24.0 2.6 42.6

51 32.7 15.1 55.1

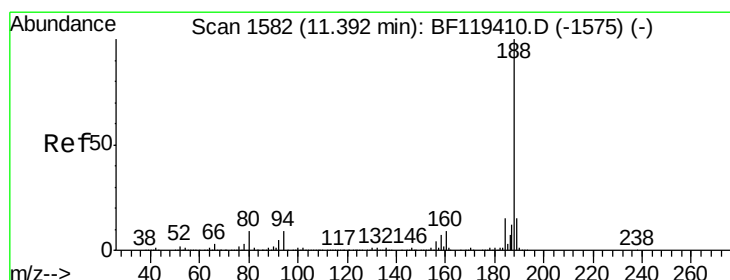
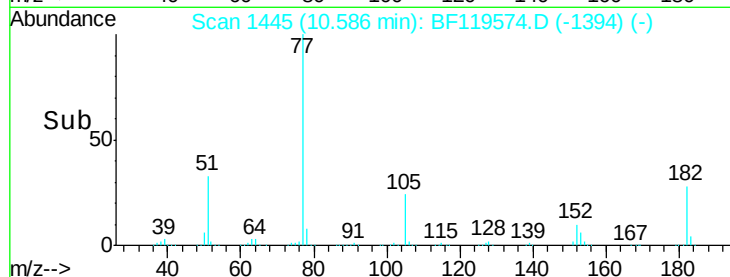
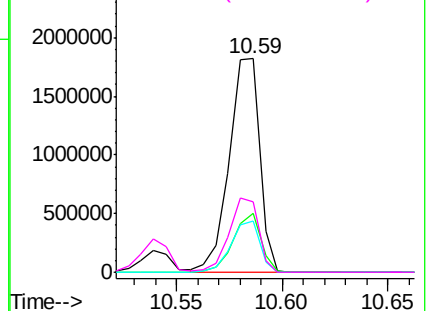


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF119574.D

Acq: 27 Mar 2020 18:28

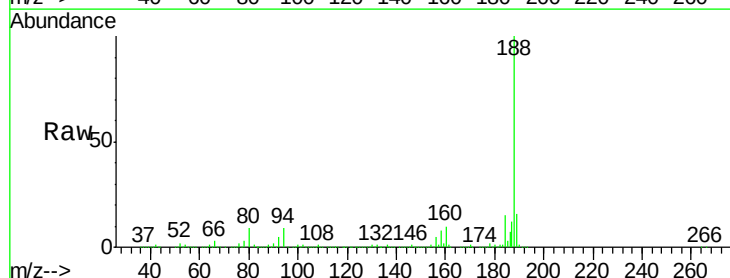
Tgt Ion: 188 Resp: 1018856

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

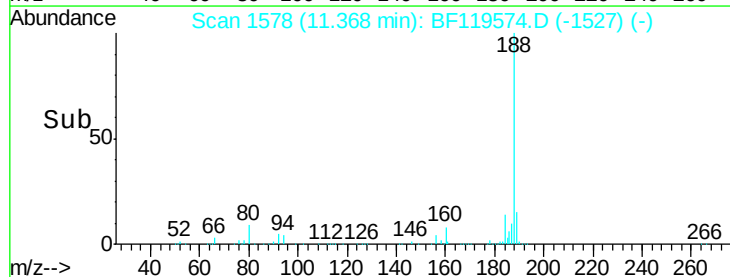
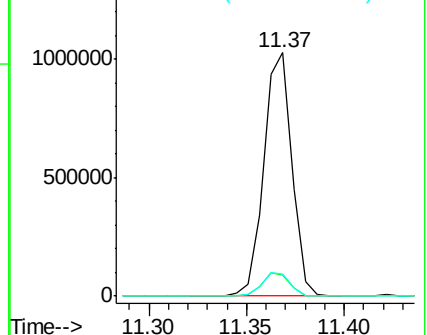
80 9.3 9.0 13.4

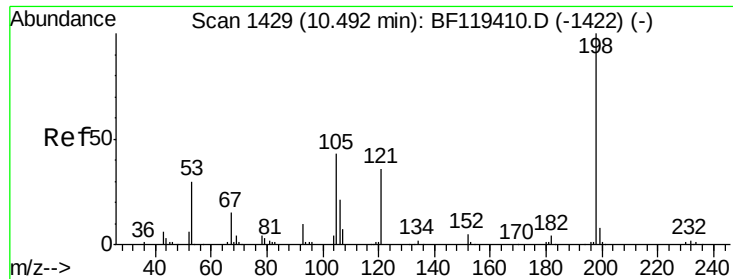


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

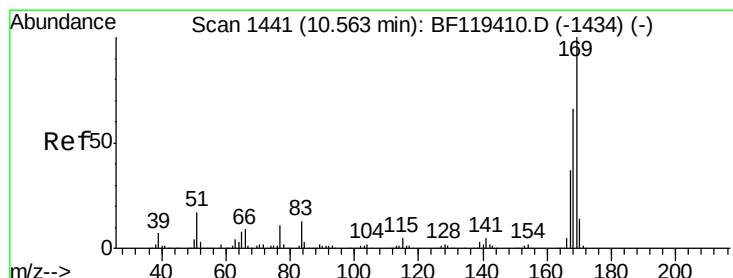
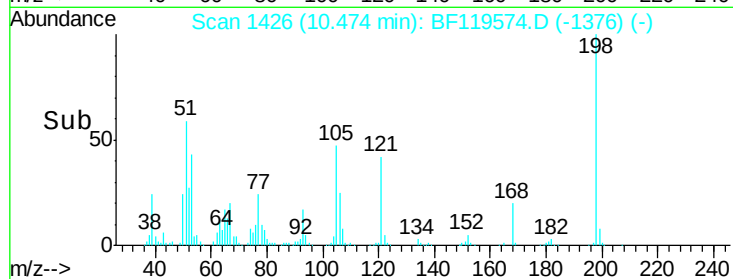
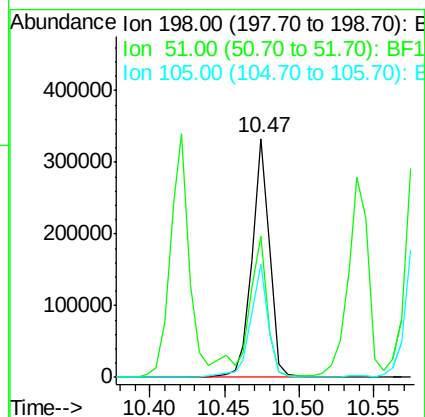
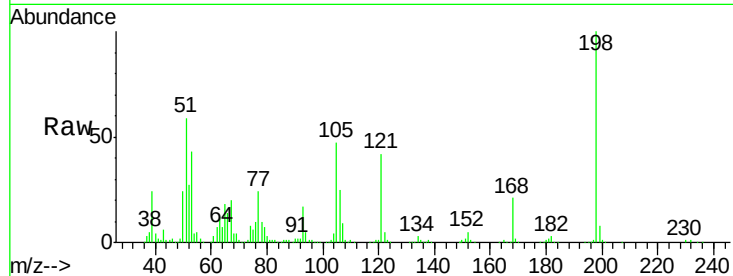




#65
 4,6-Dinitro-2-methylphenol
 Concen: 63.28 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

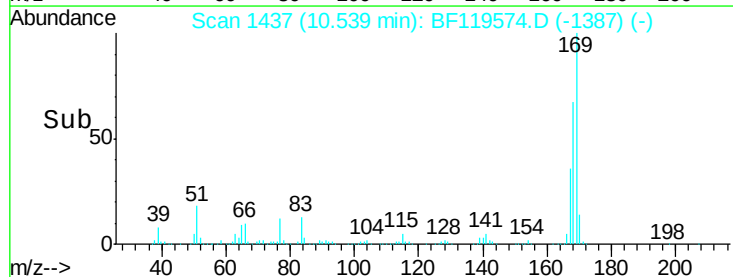
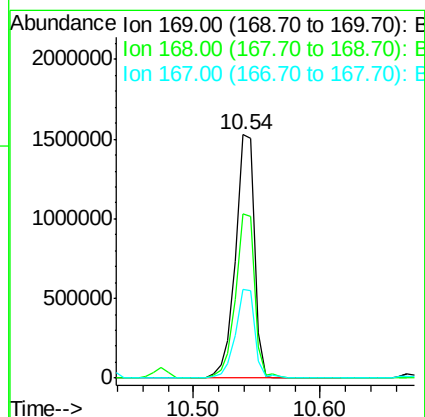
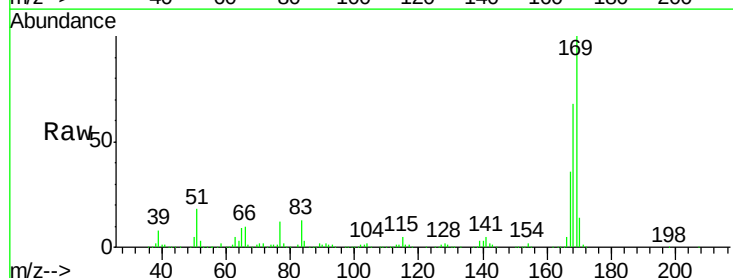
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

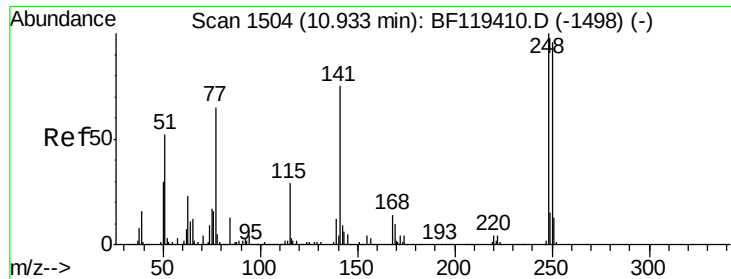
Tgt Ion:198 Resp: 270365
 Ion Ratio Lower Upper
 198 100
 51 58.9 29.0 69.0
 105 47.4 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 46.68 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:169 Resp: 1561450
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 36.4 29.1 43.7

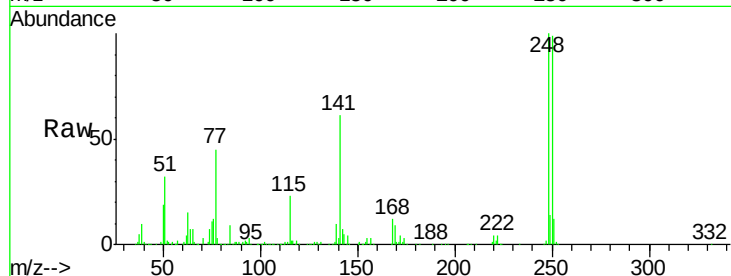




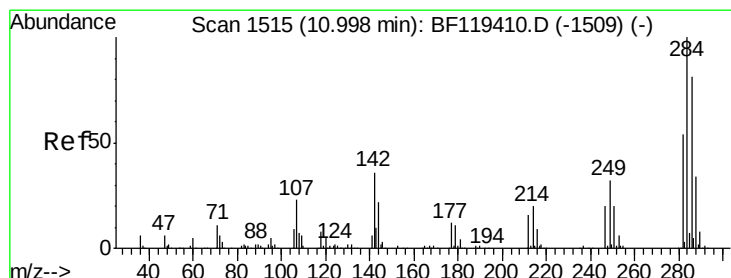
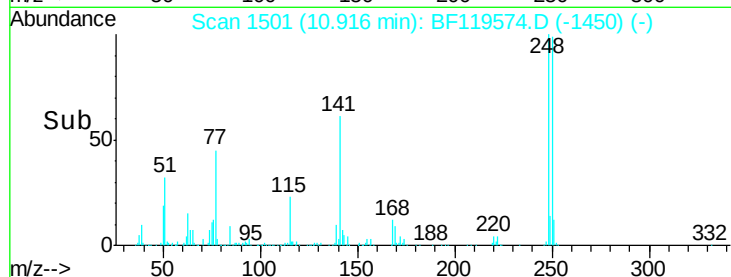
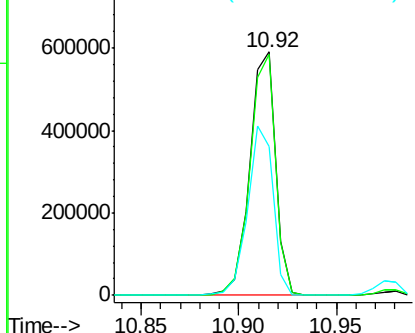
#67
 4-Bromophenyl-phenylether
 Concen: 46.73 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

Tgt Ion:248 Resp: 542181
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.3 115.9
 141 61.2 58.6 87.8

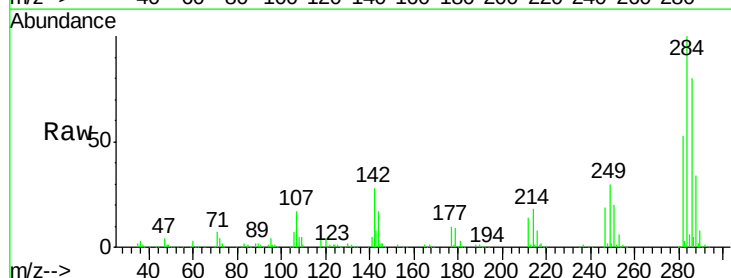


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

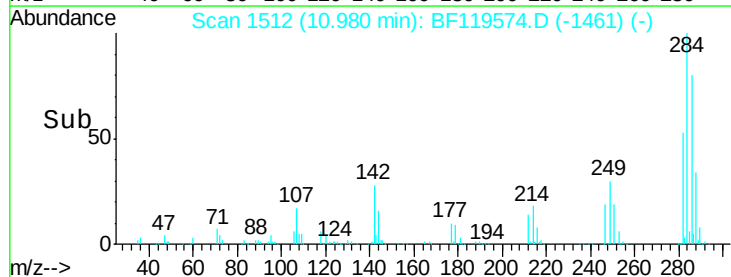
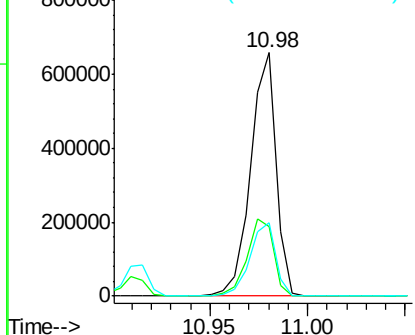


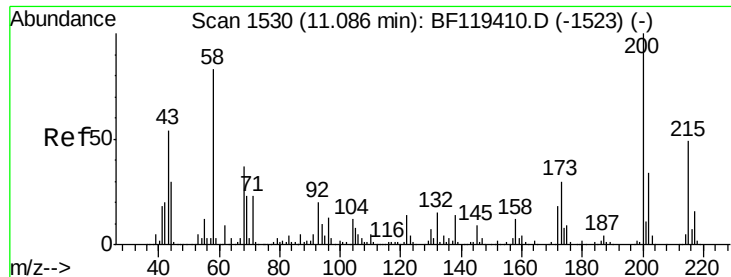
#68
 Hexachlorobenzene
 Concen: 50.13 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:284 Resp: 595314
 Ion Ratio Lower Upper
 284 100
 142 28.5 29.2 43.8#
 249 30.1 25.1 37.7



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





#69

Atrazine

Concen: 53.84 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

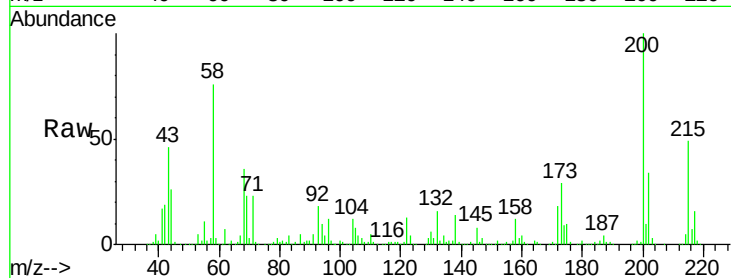
Tgt Ion:200 Resp: 493711

Ion Ratio Lower Upper

200 100

173 29.3 9.3 49.3

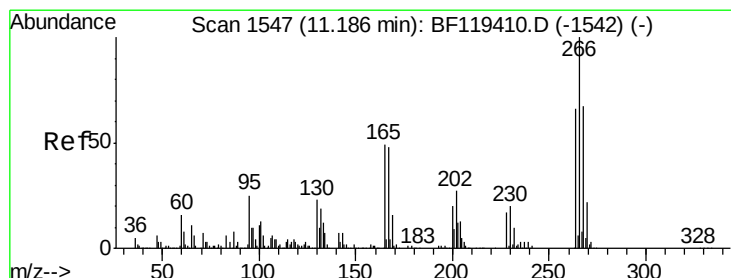
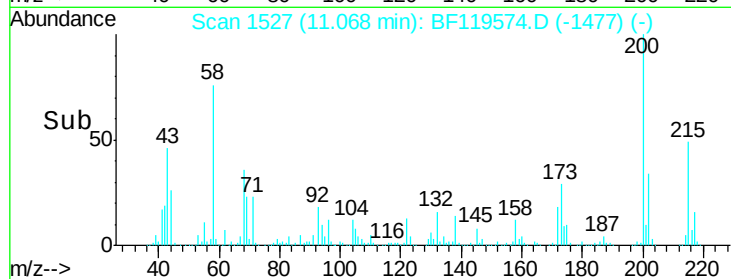
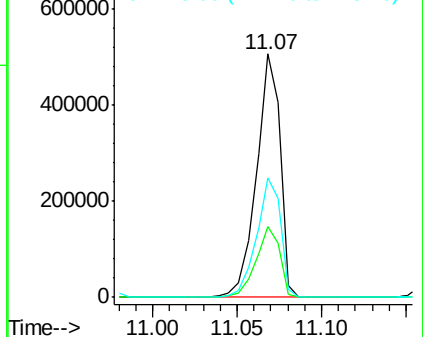
215 48.9 29.5 69.5



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: 92.05 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

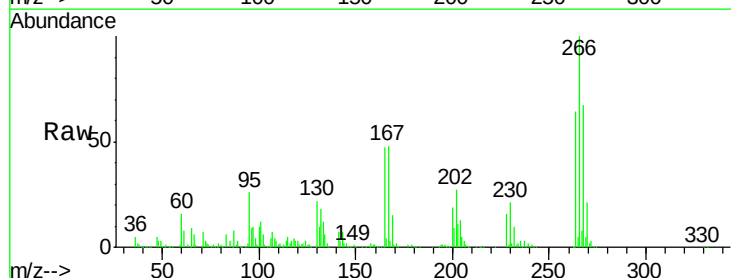
Tgt Ion:266 Resp: 640968

Ion Ratio Lower Upper

266 100

268 66.6 53.3 79.9

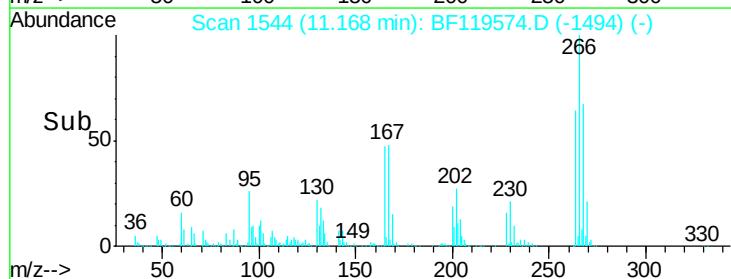
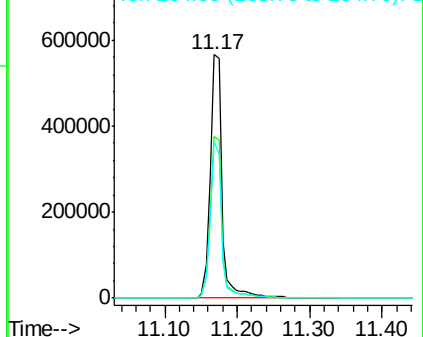
264 64.1 49.0 73.4

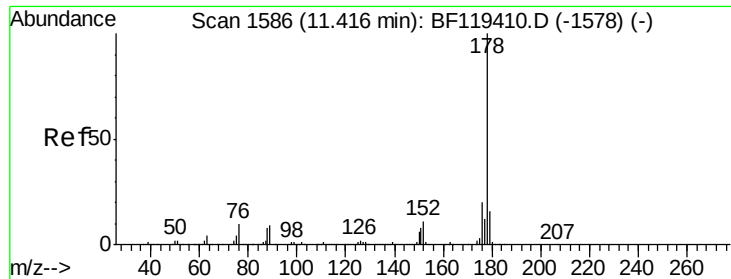


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

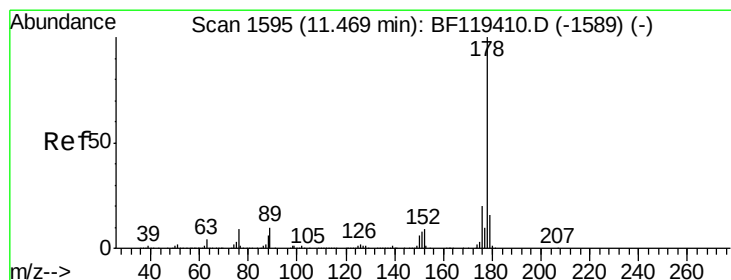
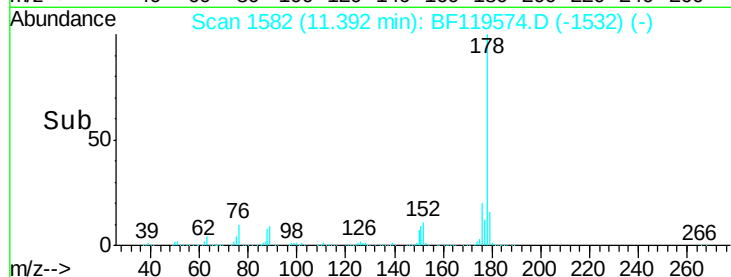
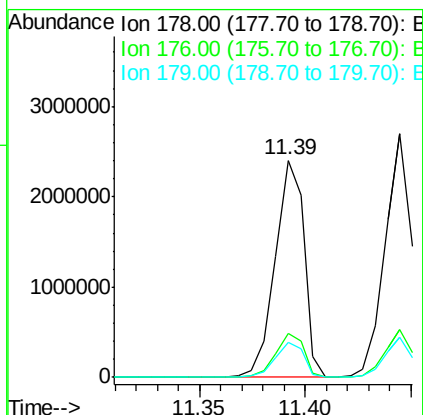
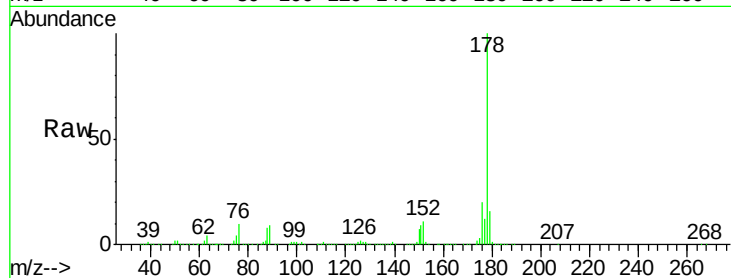




#71
Phenanthrene
Concen: 43.59 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

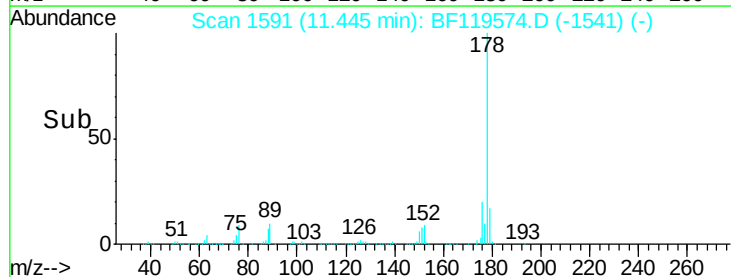
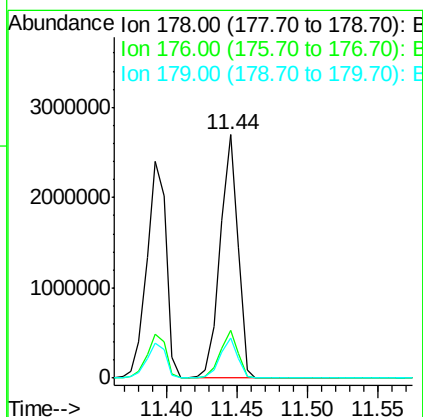
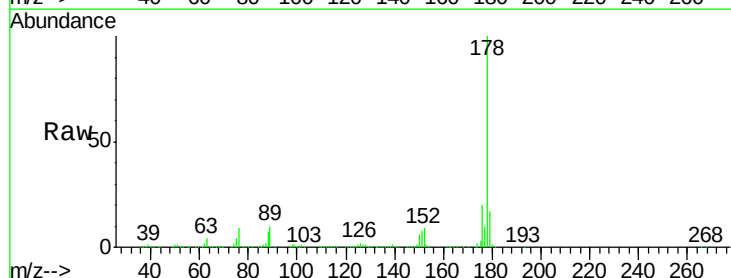
Instrument :
BNA_F
ClientSampleId :
PB127849BS

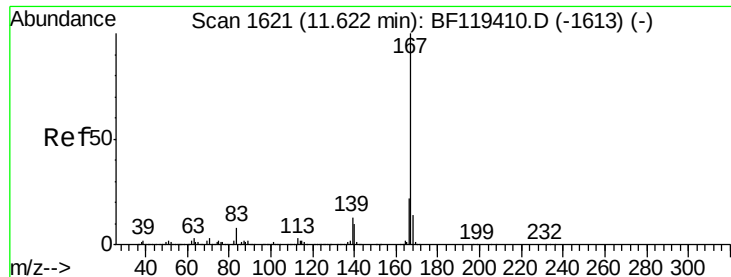
Tgt Ion:178 Resp: 2302653
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 13.2 19.8



#72
Anthracene
Concen: 43.97 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:178 Resp: 2361150
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.7 13.0 19.4

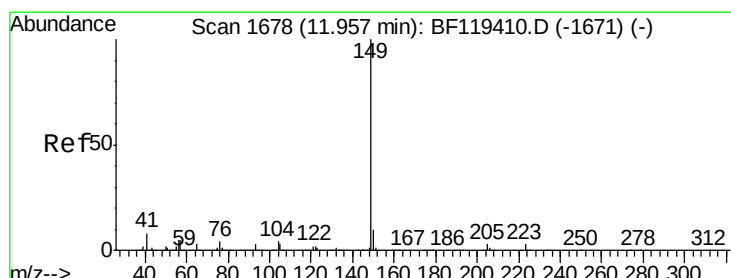
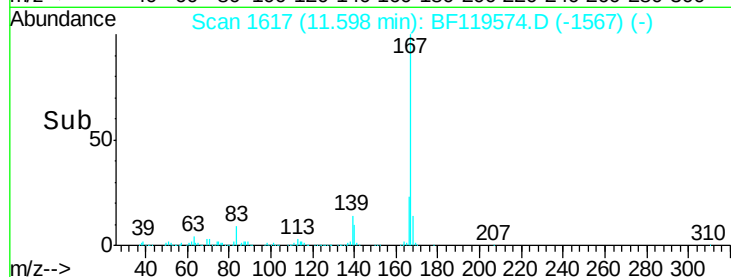
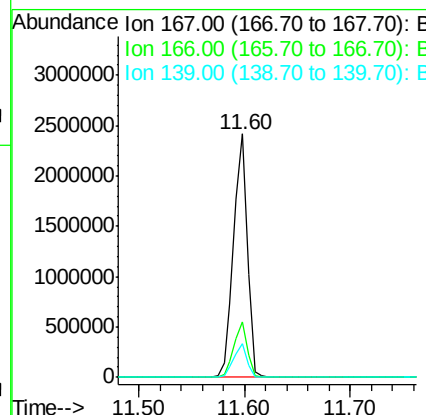
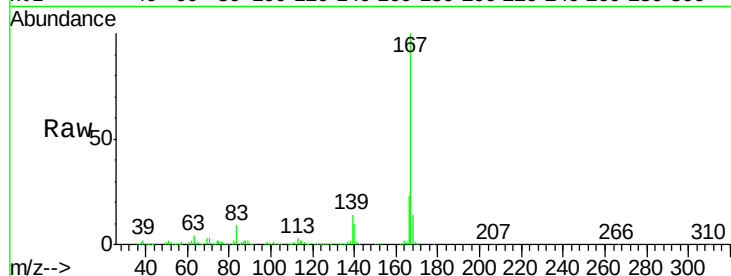




#73
 Carbazole
 Concen: 41.37 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

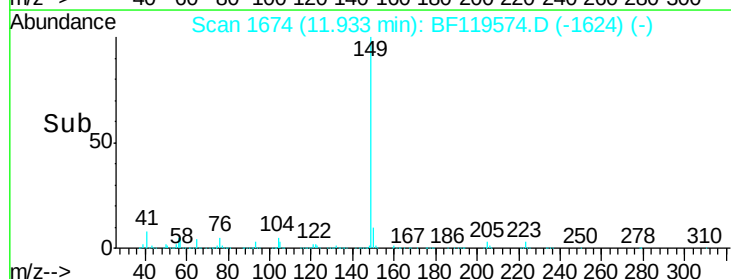
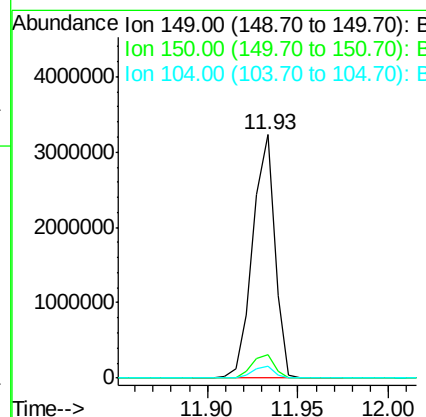
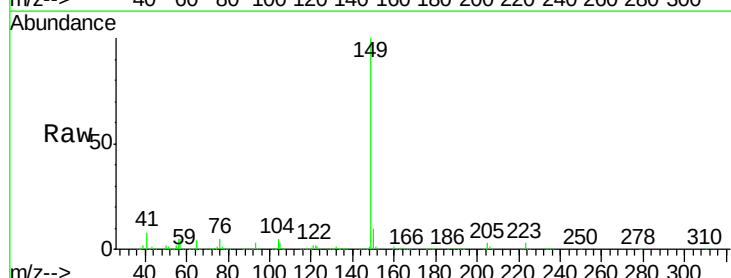
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

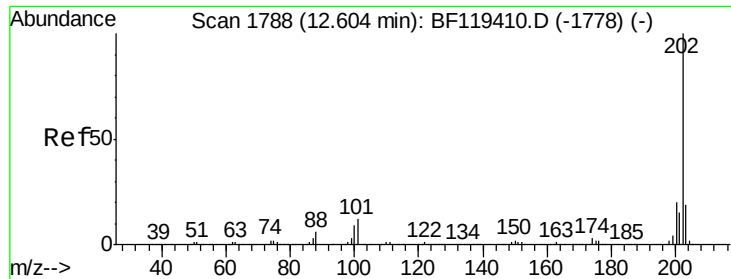
Tgt Ion:167 Resp: 2198680
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 48.44 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:149 Resp: 2754203
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.8 3.6 5.4

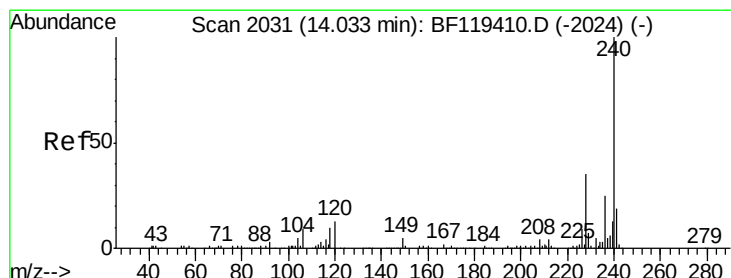
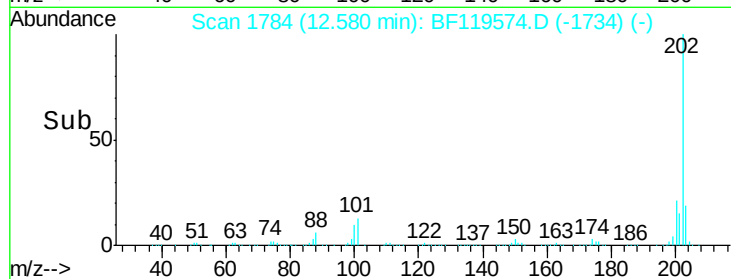
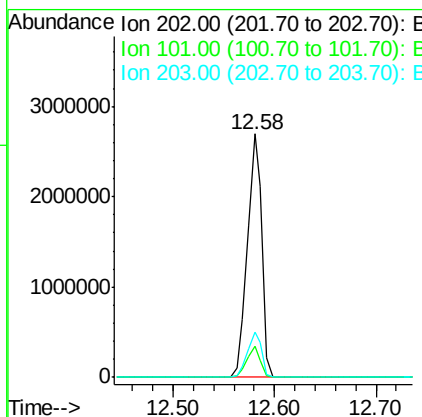
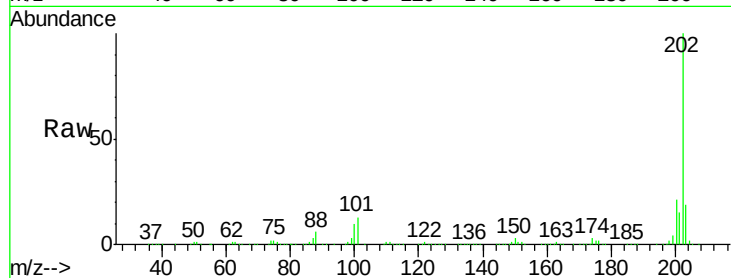




#75
 Fluoranthene
 Concen: 46.35 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

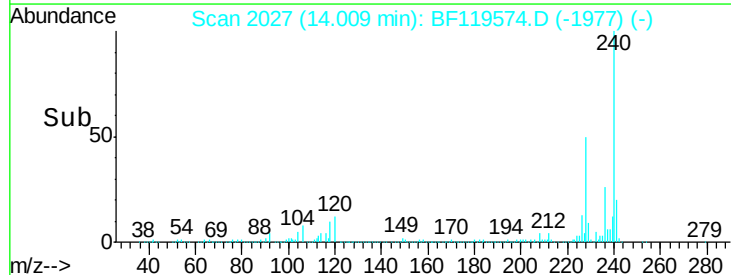
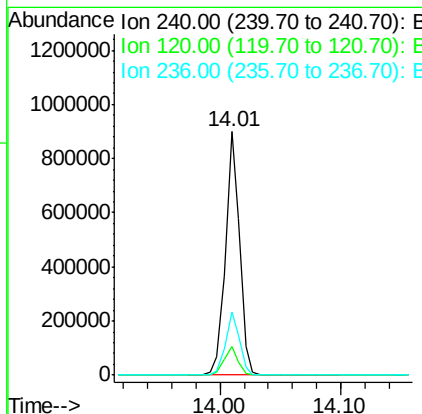
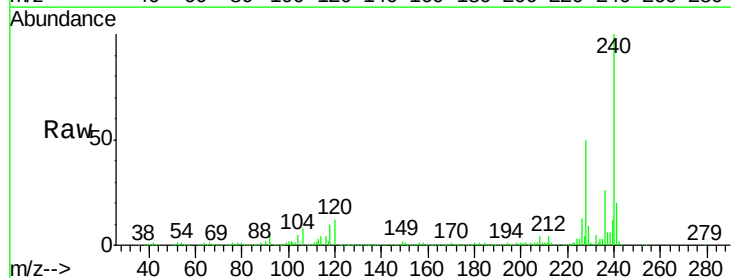
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BS

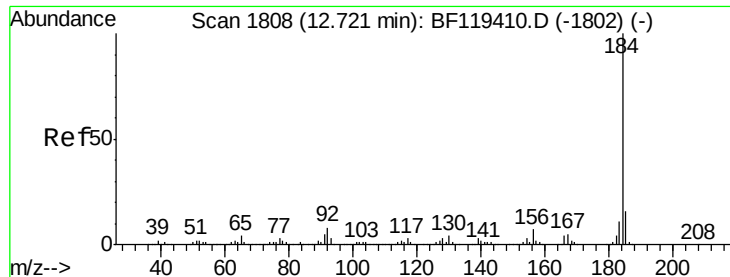
Tgt Ion:202 Resp: 2650078
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 32.2
 203 18.6 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119574.D
 Acq: 27 Mar 2020 18:28

Tgt Ion:240 Resp: 722651
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.6 15.8
 236 26.1 20.2 30.2





#77

Benzidine

Concen: 46.98 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

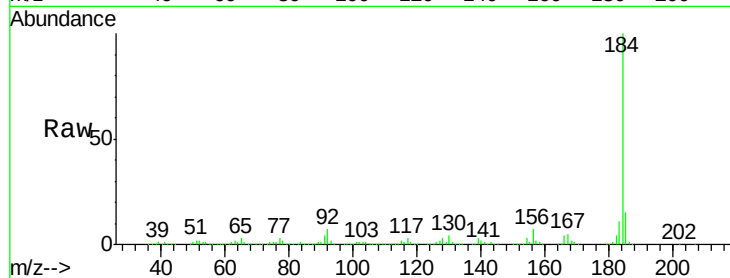
Tgt Ion:184 Resp: 1436748

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

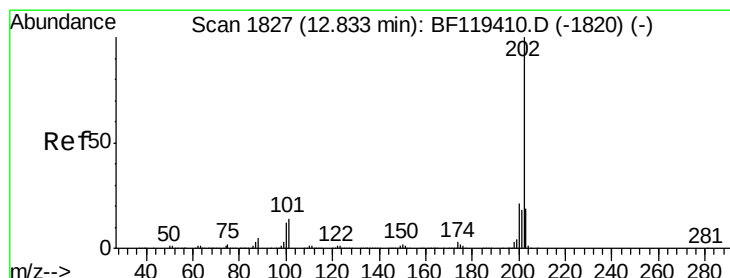
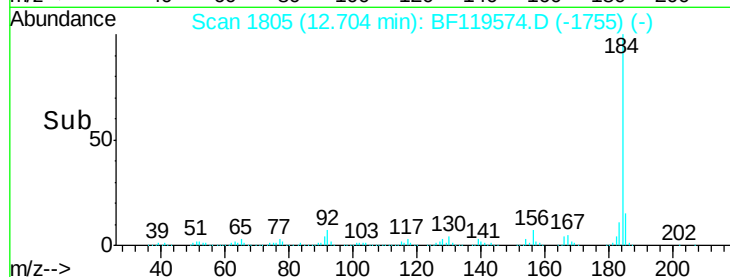
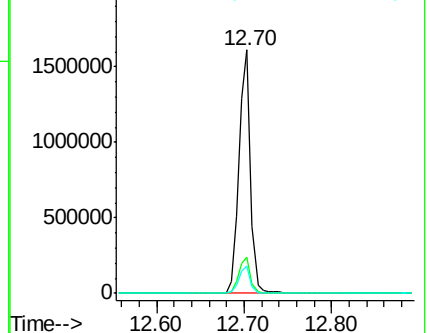
183 11.3 9.0 13.6



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: 43.66 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

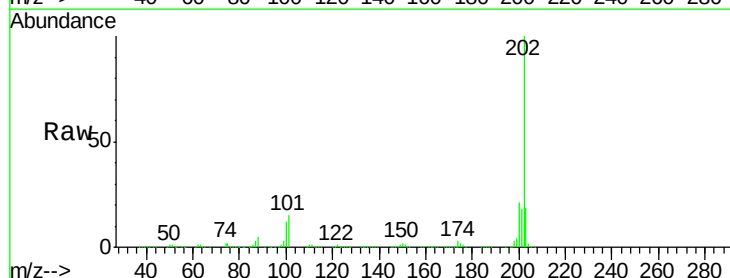
Tgt Ion:202 Resp: 2589336

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

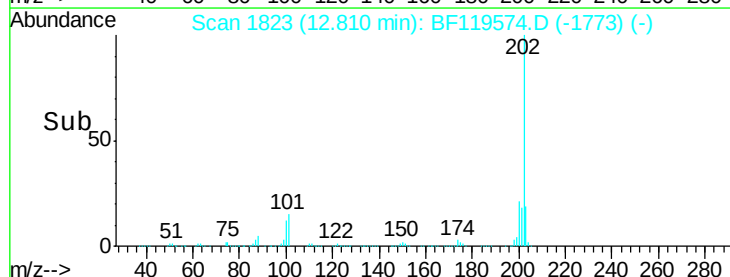
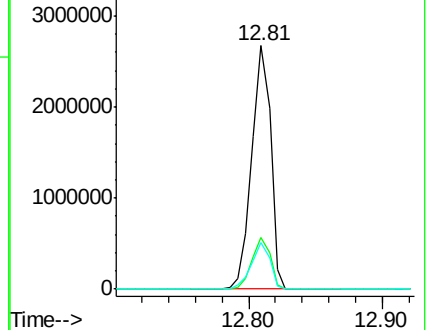
203 18.9 15.1 22.7

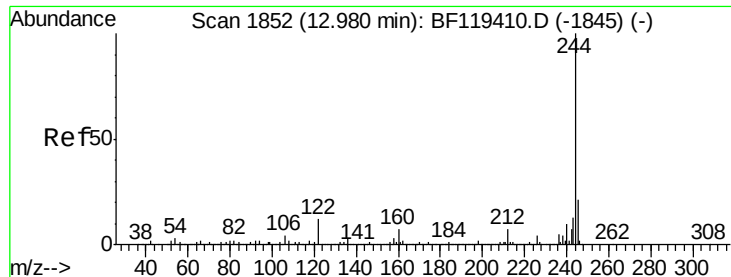


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.28 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

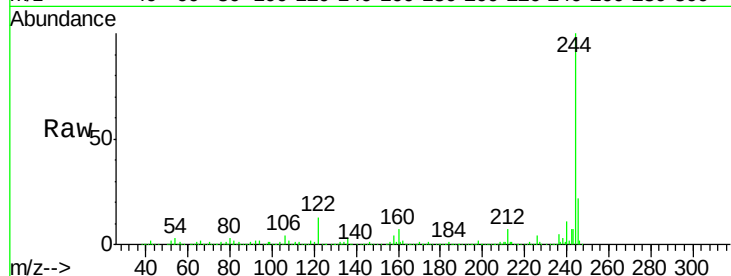
Tgt Ion:244 Resp: 3403632

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

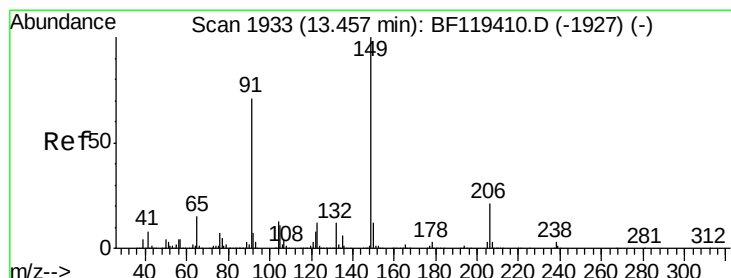
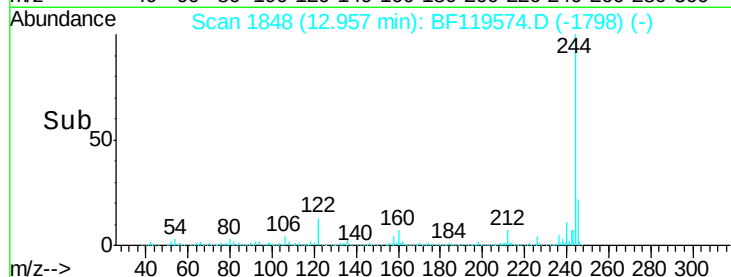
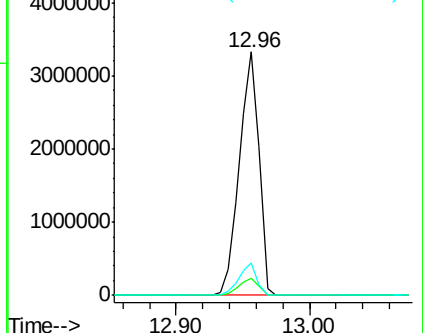
122 13.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.20 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

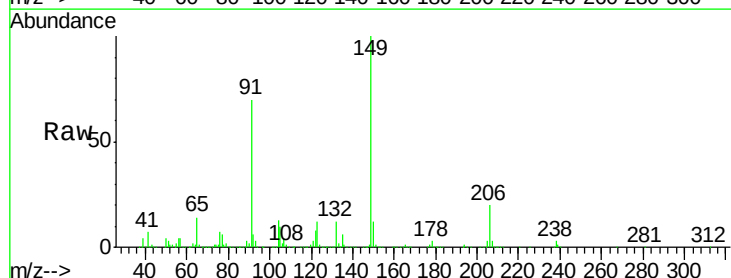
Tgt Ion:149 Resp: 1180223

Ion Ratio Lower Upper

149 100

91 70.2 54.7 82.1

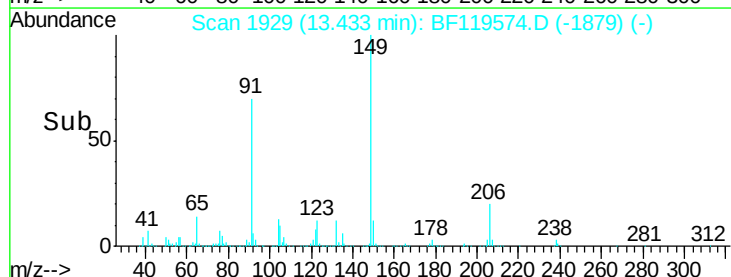
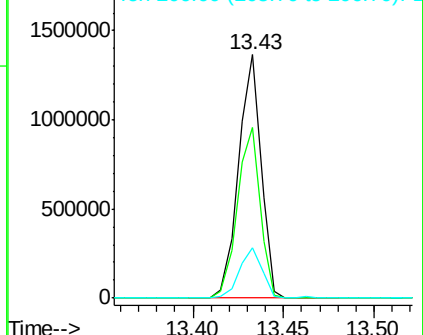
206 20.5 16.2 24.2

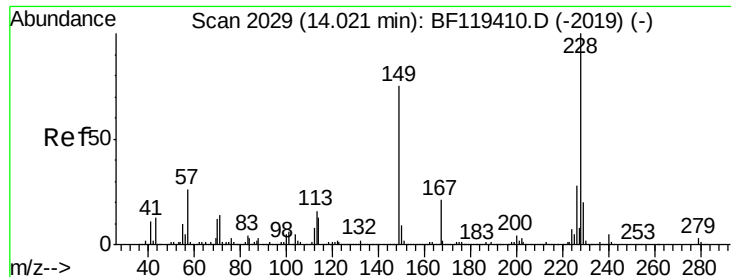


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.45 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

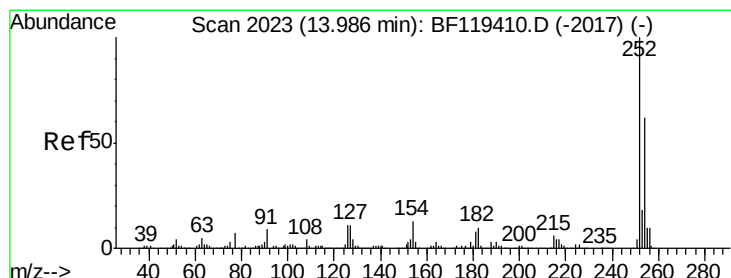
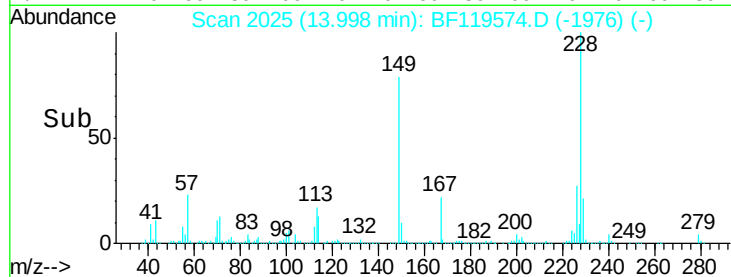
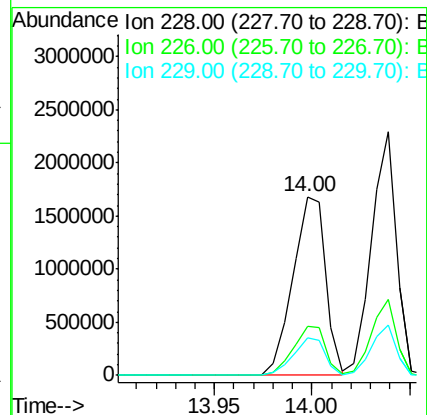
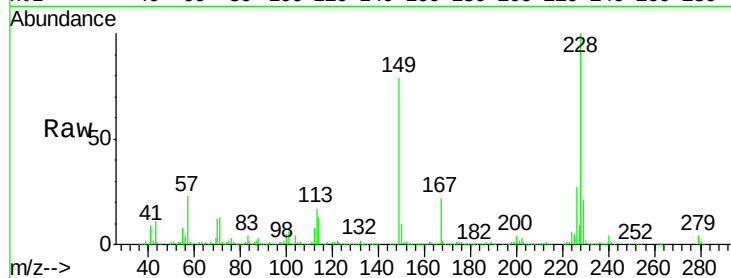
Tgt Ion:228 Resp: 1947767

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.8 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 25.42 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

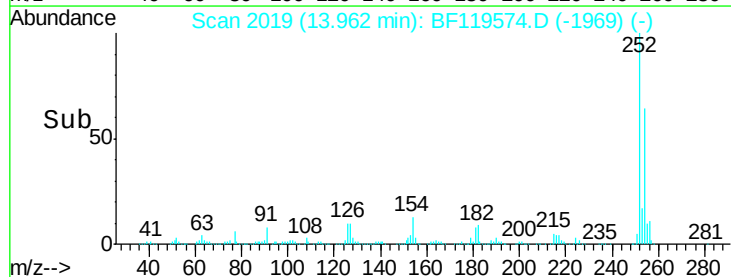
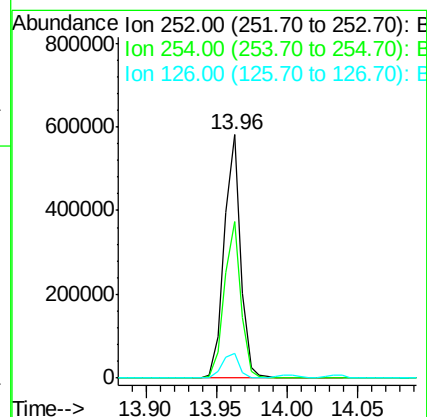
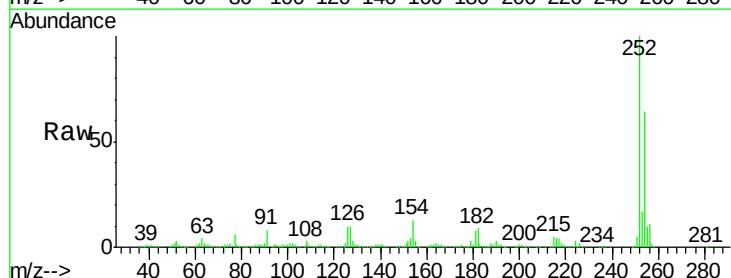
Tgt Ion:252 Resp: 470998

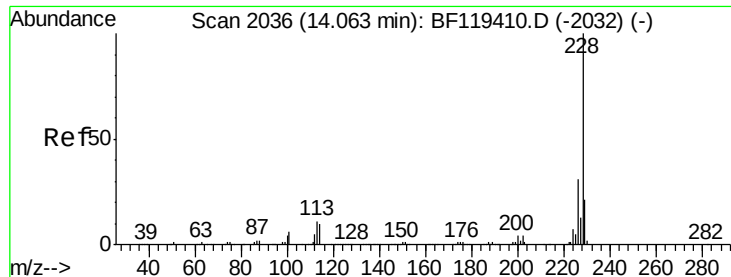
Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

126 10.4 9.6 14.4





#83

Chrysene

Concen: 42.10 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

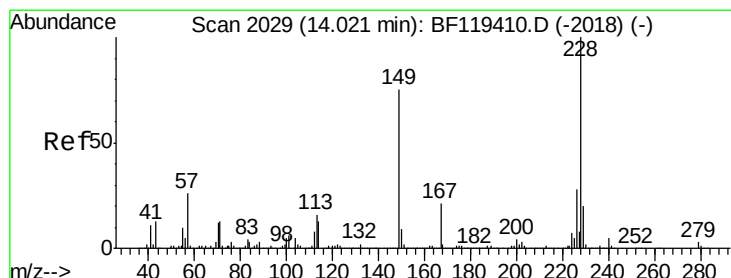
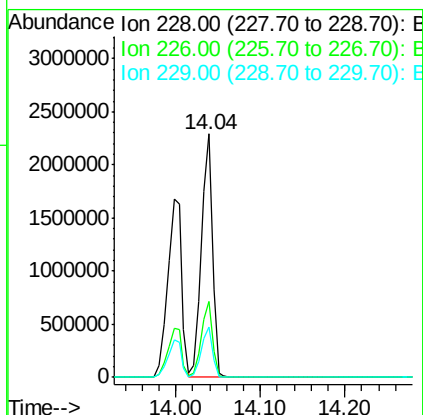
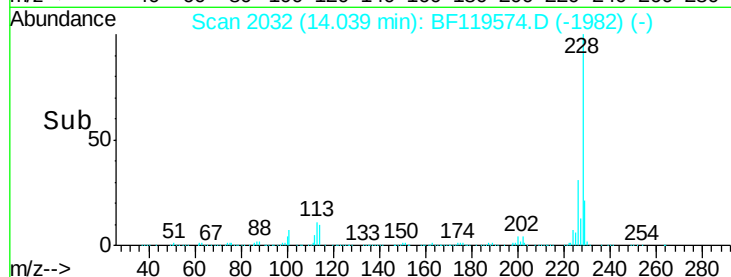
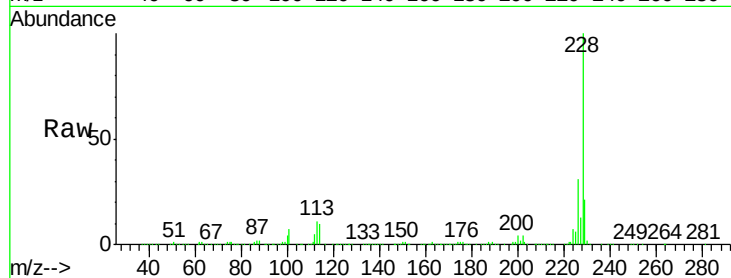
Tgt Ion:228 Resp: 2042017

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

229 20.7 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.11 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

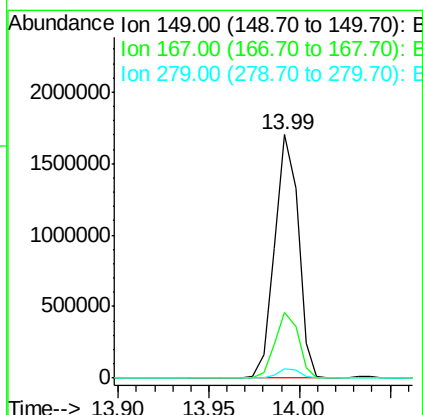
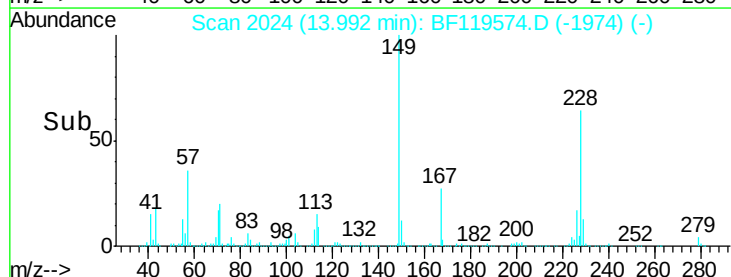
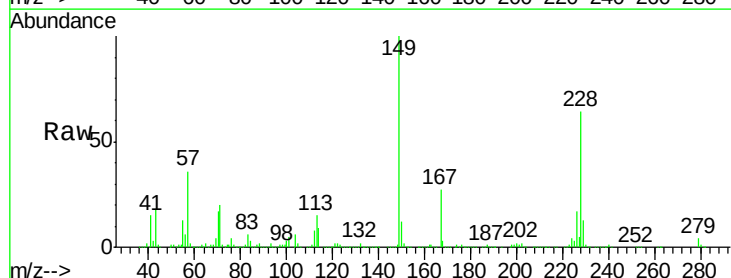
Tgt Ion:149 Resp: 1547290

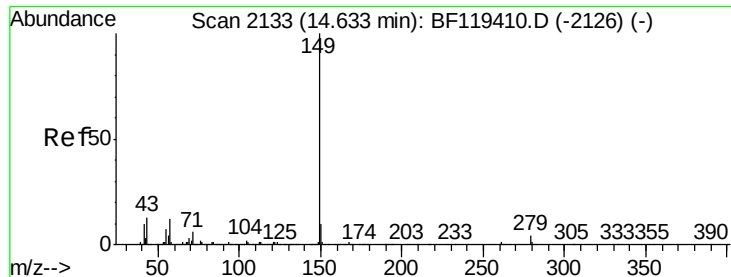
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.6 2.7 4.1

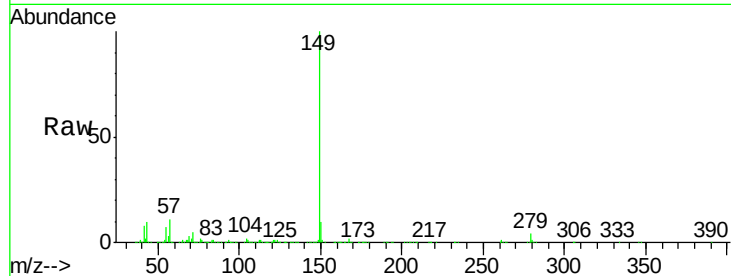




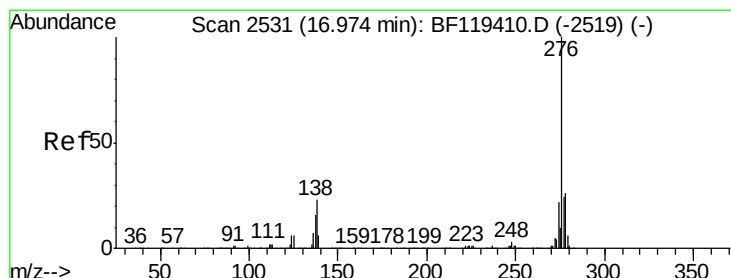
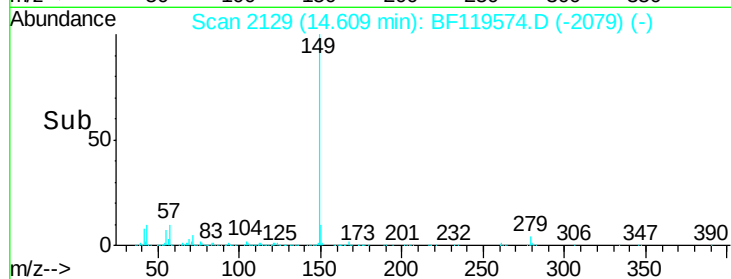
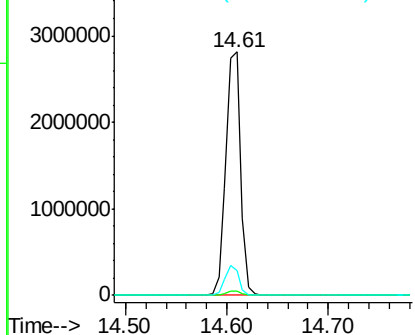
#85
Di-n-octyl phthalate
Concen: 56.49 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Instrument :
BNA_F
ClientSampleId :
PB127849BS

Tgt Ion:149 Resp: 2840644
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 9.3 13.9

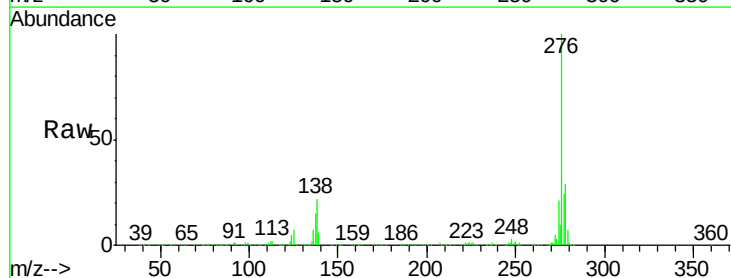


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

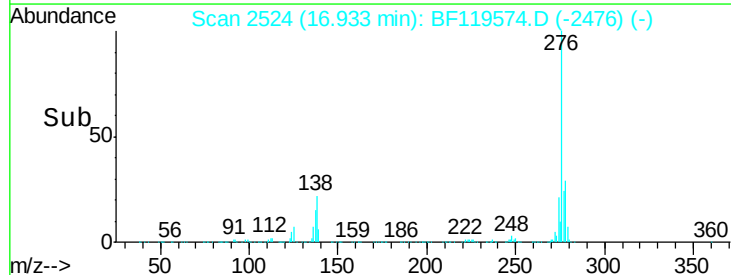
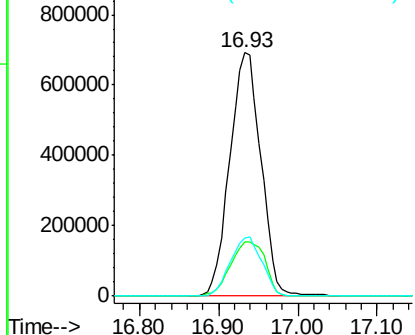


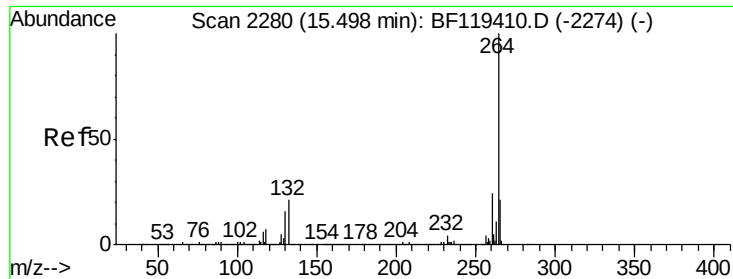
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.26 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:276 Resp: 1884692
Ion Ratio Lower Upper
276 100
138 24.9 19.6 29.4
277 24.8 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

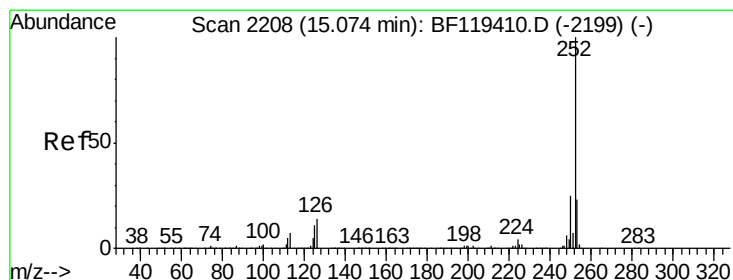
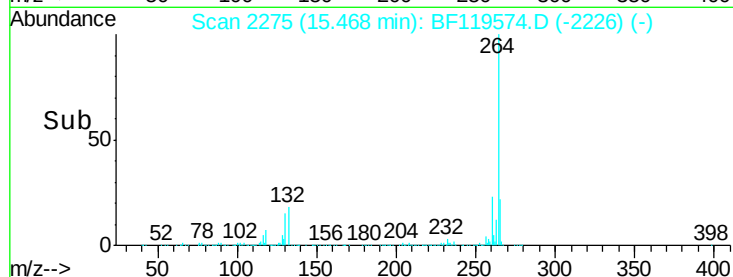
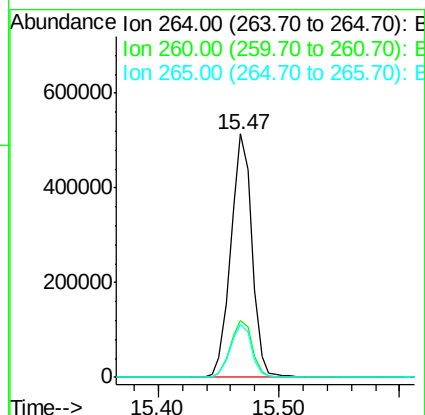
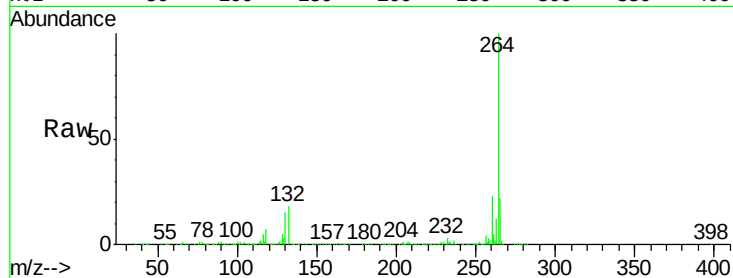




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

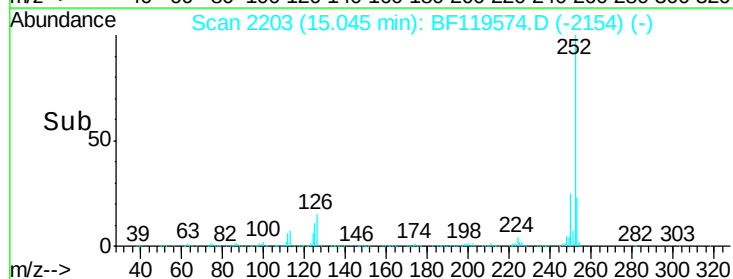
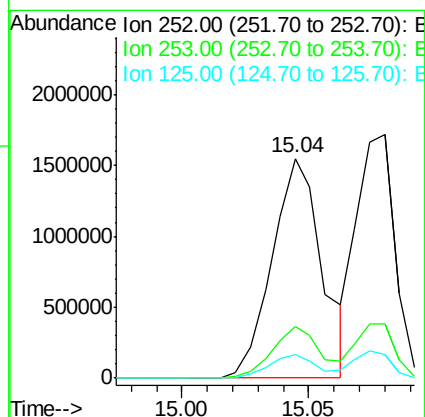
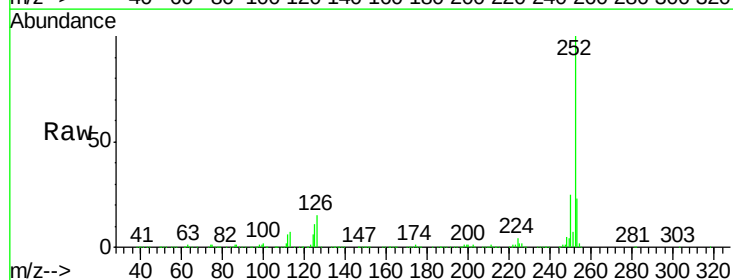
Instrument :
BNA_F
ClientSampleId :
PB127849BS

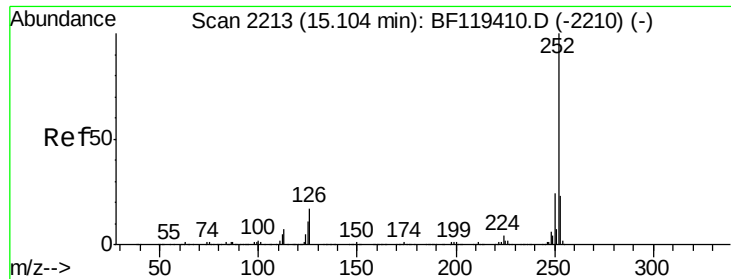
Tgt Ion:264 Resp: 627742
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 50.89 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:252 Resp: 2133995
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.7 7.9 11.9

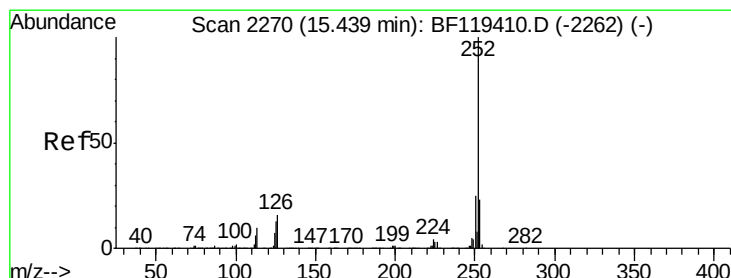
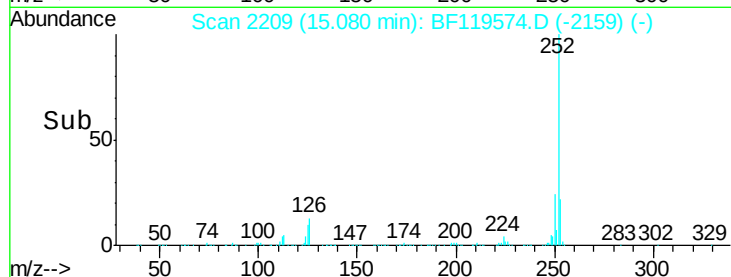
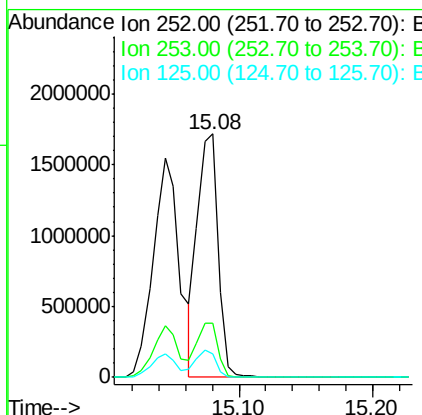
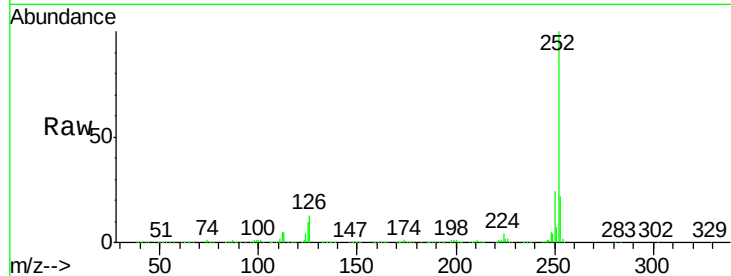




#89
Benzo(k)fluoranthene
Concen: 45.61 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

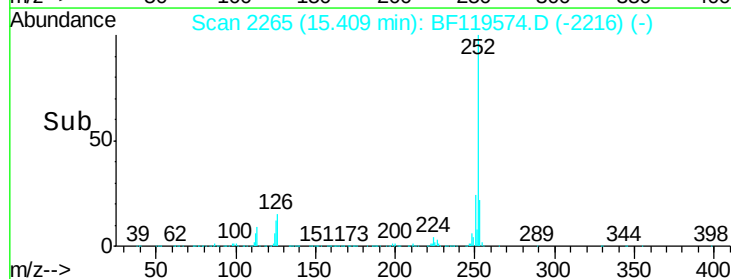
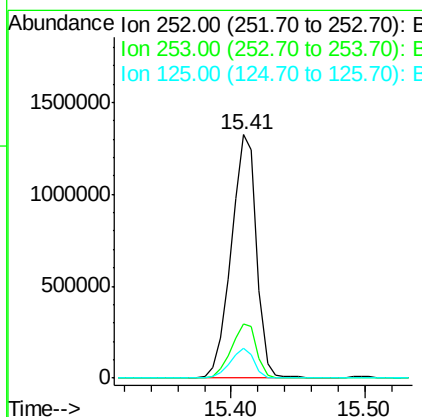
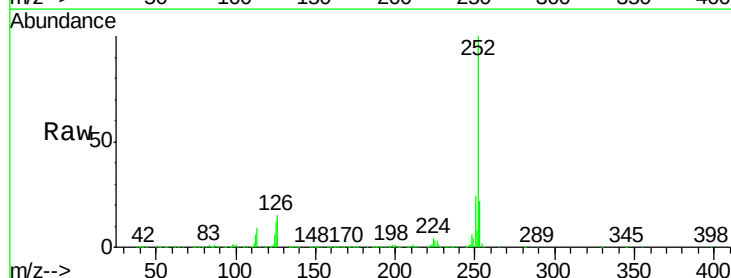
Instrument :
BNA_F
ClientSampleId :
PB127849BS

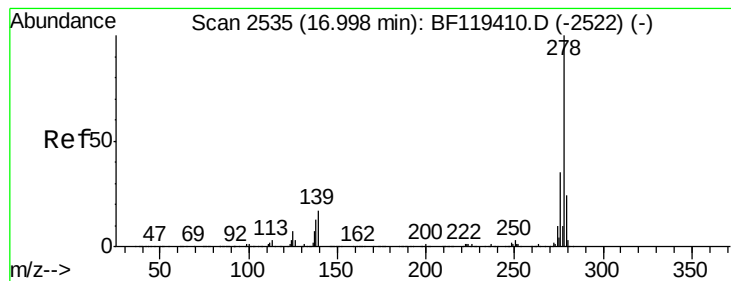
Tgt Ion:252 Resp: 1821079
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.22 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119574.D
Acq: 27 Mar 2020 18:28

Tgt Ion:252 Resp: 1761173
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.66 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

Instrument :

BNA_F

ClientSampleId :

PB127849BS

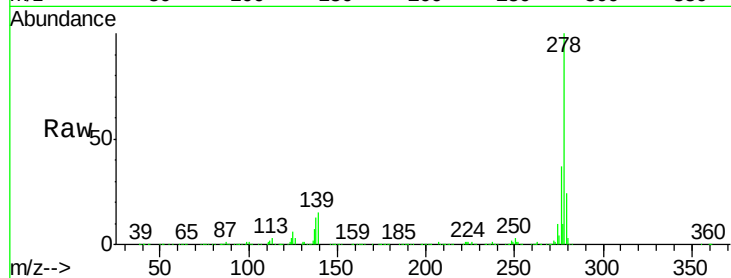
Tgt Ion:278 Resp: 1555417

Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

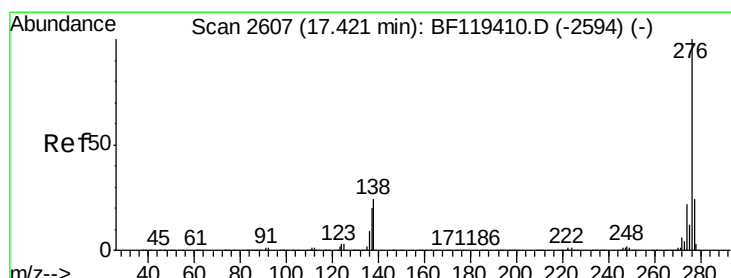
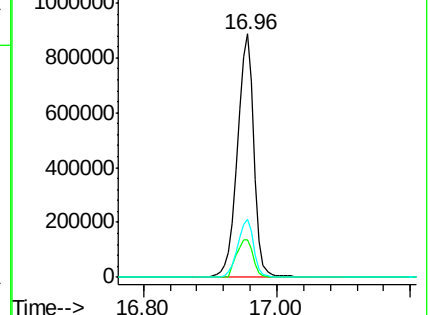
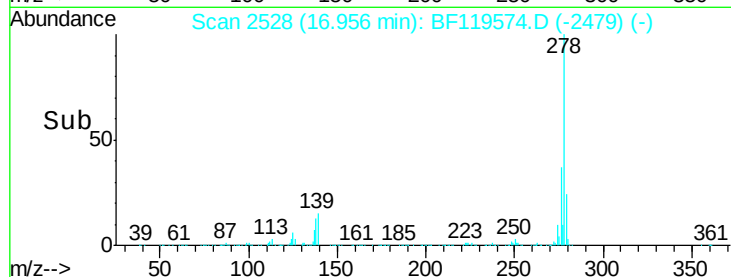
279 23.9 19.0 28.6



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: 47.11 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119574.D

Acq: 27 Mar 2020 18:28

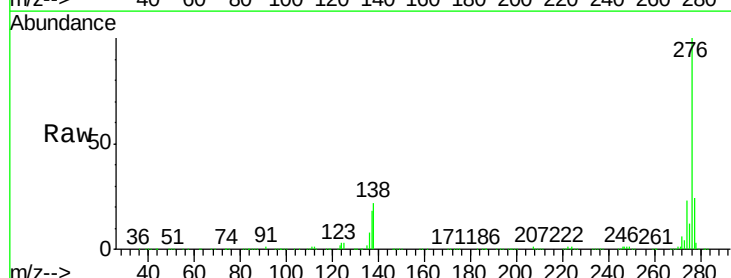
Tgt Ion:276 Resp: 1577516

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 21.6 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

