

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119573.D
 Acq On : 27 Mar 2020 18:00
 Operator : CG/JU
 Sample : PB127856BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Quant Time: Mar 28 00:52:45 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	266688	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1070024	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	565941	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1067755	20.00	ng	0.00
76) Chrysene-d12	14.01	240	812033	20.00	ng	0.00
87) Perylene-d12	15.47	264	682244	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1557082	92.94	ng	0.01
7) Phenol-d6	6.46	99	1971010	92.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	1271404	64.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	601119	102.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2418548	63.31	ng	0.00
79) Terphenyl-d14	12.96	244	2828056	68.23	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.65	88	241926	29.24 ng	98
3) Pyridine	3.38	79	636866	27.94 ng	96
4) n-Nitrosodimethylamine	3.33	42	336727	30.29 ng	91
6) Aniline	6.49	93	738753	25.01 ng	98
8) 2-Chlorophenol	6.62	128	653087	37.12 ng	99
9) Benzaldehyde	6.38	77	389576	28.70 ng	99
10) Phenol	6.47	94	821954	36.00 ng	97
11) bis(2-Chloroethyl)ether	6.57	93	611947	33.51 ng	98
12) 1,3-Dichlorobenzene	6.77	146	658947	34.60 ng	98
13) 1,4-Dichlorobenzene	6.85	146	681900	35.80 ng	99
14) 1,2-Dichlorobenzene	7.00	146	625578	35.14 ng	99
15) Benzyl Alcohol	6.97	79	544129	33.80 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1184713	32.16 ng	100
17) 2-Methylphenol	7.08	107	535811	33.24 ng	98
18) Hexachloroethane	7.35	117	246347	35.29 ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	447485	34.69 ng	98
20) 3+4-Methylphenols	7.23	107	657036	33.26 ng	92
22) Acetophenone	7.24	105	849290	33.22 ng	# 90
24) Nitrobenzene	7.42	77	690628	32.82 ng	95
25) Isophorone	7.65	82	1315073	32.93 ng	99
26) 2-Nitrophenol	7.73	139	361875	43.68 ng	# 86
27) 2,4-Dimethylphenol	7.77	122	586443	34.23 ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	791548	33.52 ng	98
29) 2,4-Dichlorophenol	7.97	162	540529	34.34 ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	574159	32.98 ng	99
31) Naphthalene	8.14	128	1871084	33.98 ng	99
32) Benzoic acid	7.88	122	431767	39.18 ng	98
33) 4-Chloroaniline	8.19	127	455346	18.05 ng	98
34) Hexachlorobutadiene	8.26	225	326388	33.51 ng	99
35) Caprolactam	8.55	113	108310	21.03 ng	99
36) 4-Chloro-3-methylphenol	8.67	107	605313	35.19 ng	97
37) 2-Methylnaphthalene	8.83	142	1255093	34.73 ng	97
38) 1-Methylnaphthalene	8.93	142	1188742	34.75 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	538977	32.49 ng	99

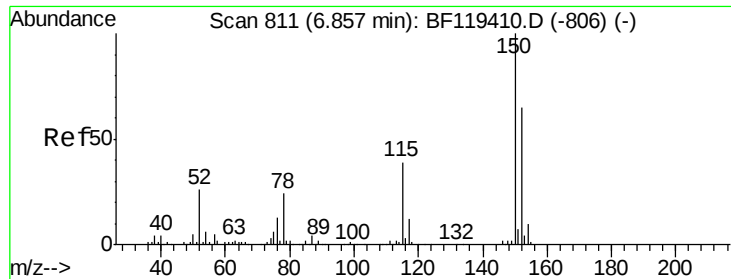
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	653271	69.27	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	420755	35.44	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	443729	33.37	ng	94
46) 1,1'-Biphenyl	9.30	154	1559294	33.83	ng	98
47) 2-Chloronaphthalene	9.32	162	1237121	34.26	ng	99
48) 2-Nitroaniline	9.42	65	441332	35.41	ng	99
49) Acenaphthylene	9.74	152	1867645	32.94	ng	99
50) Dimethylphthalate	9.60	163	1400067	34.83	ng	100
51) 2,6-Dinitrotoluene	9.66	165	320939	37.25	ng	89
52) Acenaphthene	9.92	154	1288091	36.44	ng	99
53) 3-Nitroaniline	9.83	138	246213	22.63	ng	95
54) 2,4-Dinitrophenol	9.93	184	302842	81.12	ng	95
55) Dibenzofuran	10.09	168	1771874	34.96	ng	99
56) 4-Nitrophenol	9.99	139	546029	63.63	ng	96
57) 2,4-Dinitrotoluene	10.06	165	420626	38.75	ng	97
58) Fluorene	10.43	166	1336311	35.66	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	354309	35.64	ng	99
60) Diethylphthalate	10.30	149	1453489	35.63	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	643897	35.14	ng	98
62) 4-Nitroaniline	10.45	138	350469	33.60	ng	95
63) Azobenzene	10.58	77	1461058	35.56	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	209809	46.86	ng	84
66) n-Nitrosodiphenylamine	10.54	169	1253443	35.76	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	418543	34.42	ng	99
68) Hexachlorobenzene	10.97	284	443524	35.64	ng	99
69) Atrazine	11.07	200	381018	39.65	ng	99
70) Pentachlorophenol	11.17	266	500388	68.57	ng	99
71) Phenanthrene	11.39	178	1915227	34.59	ng	98
72) Anthracene	11.45	178	1937964	34.44	ng	100
73) Carbazole	11.59	167	1814626	32.58	ng	99
74) Di-n-butylphthalate	11.93	149	2313489	38.83	ng	100
75) Fluoranthene	12.58	202	2053198	34.27	ng	98
77) Benzidine	12.70	184	1271322	36.99	ng	99
78) Pyrene	12.81	202	2094466	31.43	ng	99
80) Butylbenzylphthalate	13.43	149	1001716	37.16	ng	98
81) Benzo(a)anthracene	14.00	228	1694981	32.10	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	412715	19.82	ng	99
83) Chrysene	14.03	228	1746110	32.04	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1332650	41.47	ng	100
85) Di-n-octyl phthalate	14.60	149	2348659	41.56	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1513394	29.49	ng	99
88) Benzo(b)fluoranthene	15.04	252	1625832	35.67	ng	98
89) Benzo(k)fluoranthene	15.07	252	1597522	36.81	ng	99
90) Benzo(a)pyrene	15.41	252	1365368	32.97	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1255569	34.66	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1174239	32.26	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

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Acq: 27 Mar 2020 18:00

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BNA_F

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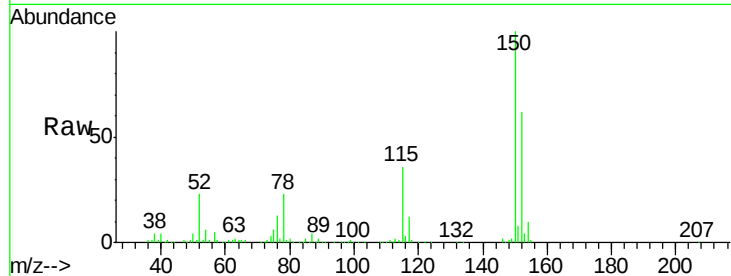
Tgt Ion:152 Resp: 266688

Ion Ratio Lower Upper

152 100

150 161.7 124.5 186.7

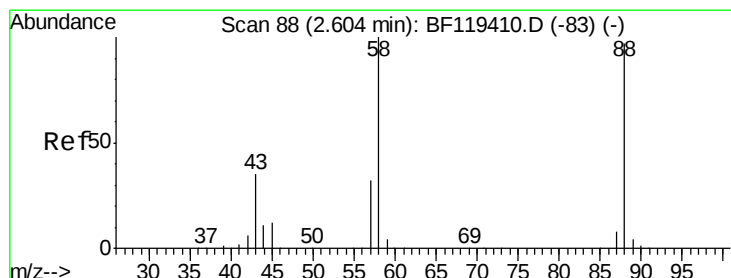
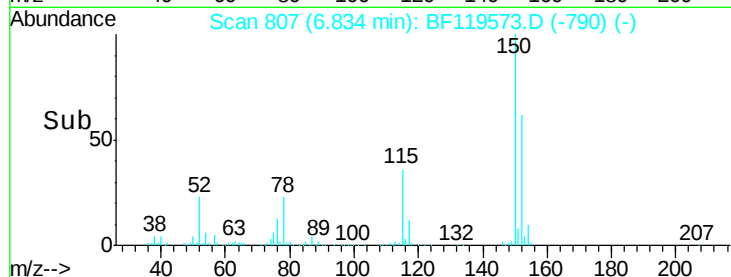
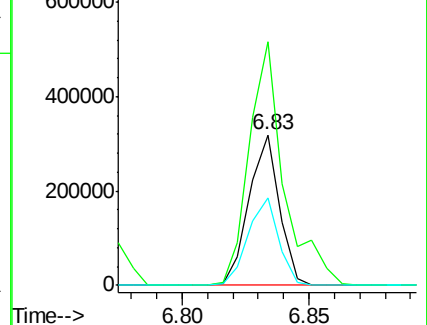
115 58.3 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.24 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

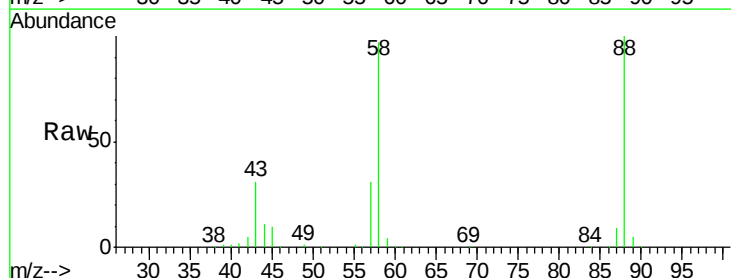
Tgt Ion: 88 Resp: 241926

Ion Ratio Lower Upper

88 100

58 98.6 80.6 121.0

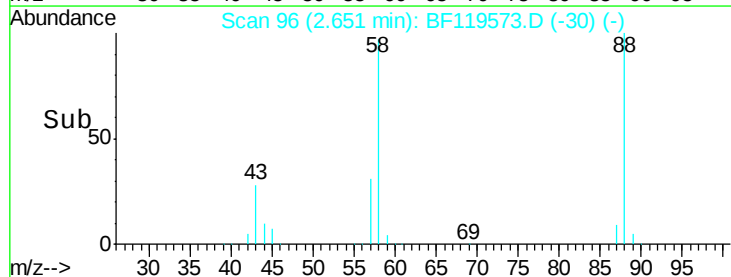
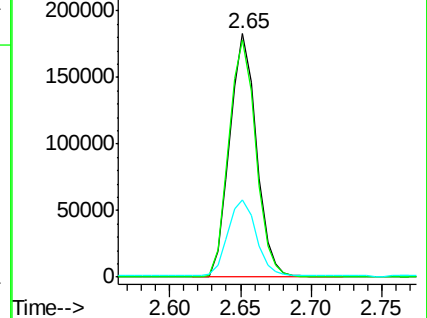
43 33.0 27.5 41.3

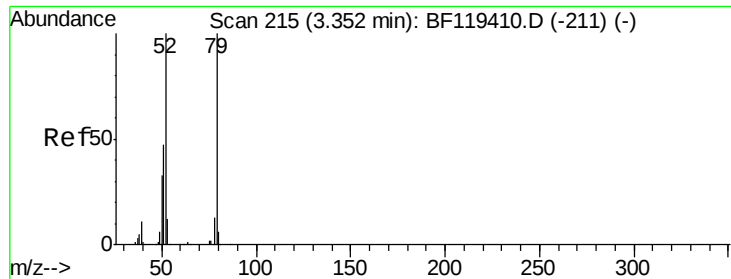


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 27.94 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

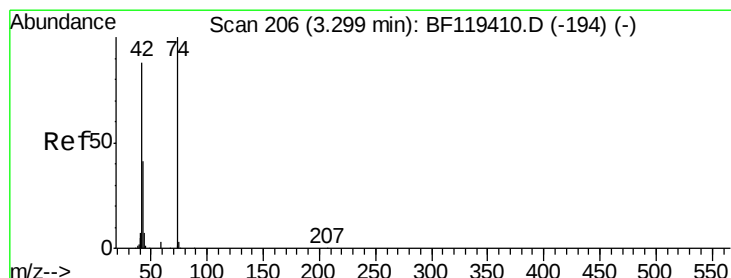
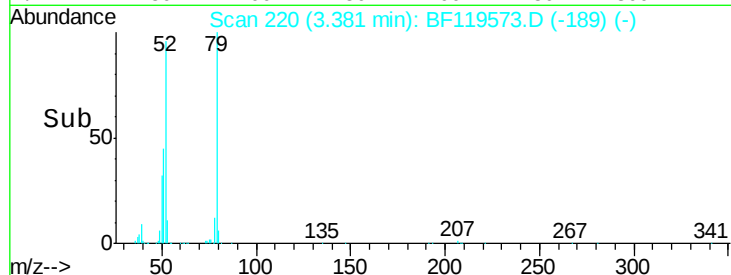
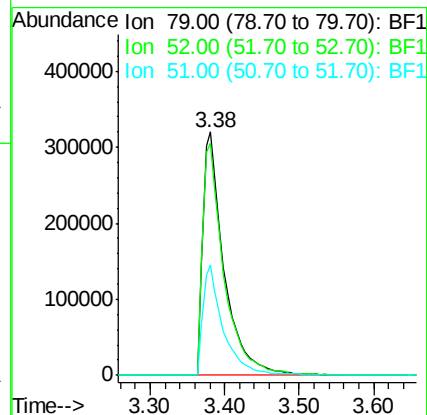
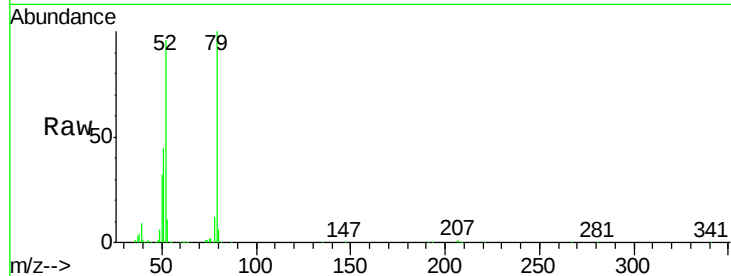
Tgt Ion: 79 Resp: 636866

Ion Ratio Lower Upper

79 100

52 95.5 80.2 120.2

51 45.5 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 30.29 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

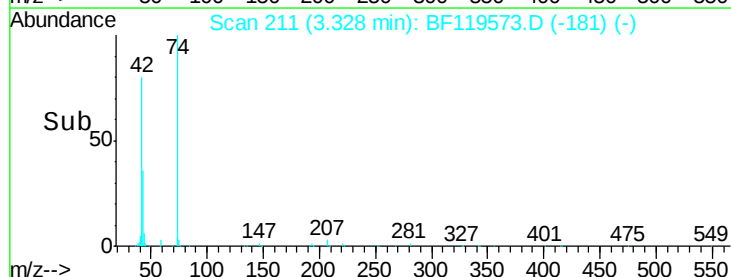
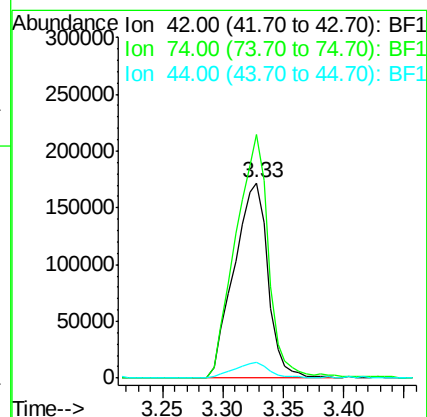
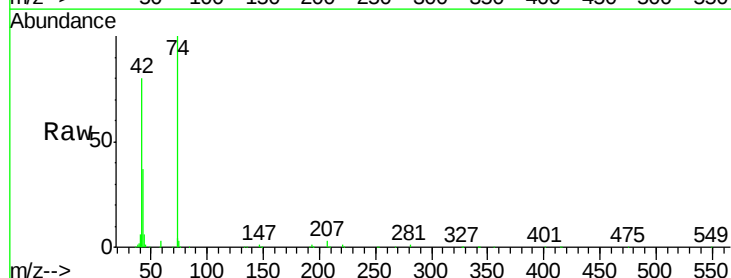
Tgt Ion: 42 Resp: 336727

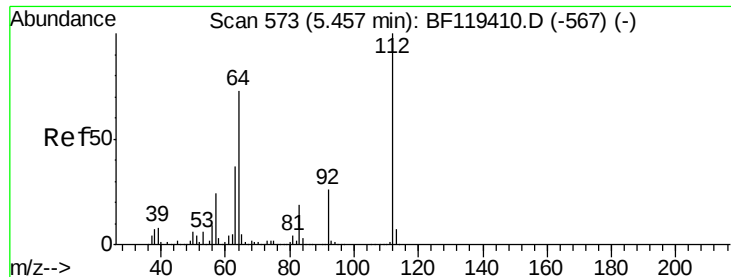
Ion Ratio Lower Upper

42 100

74 124.8 91.5 137.3

44 7.9 6.2 9.4





#5

2-Fluorophenol

Concen: 92.94 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

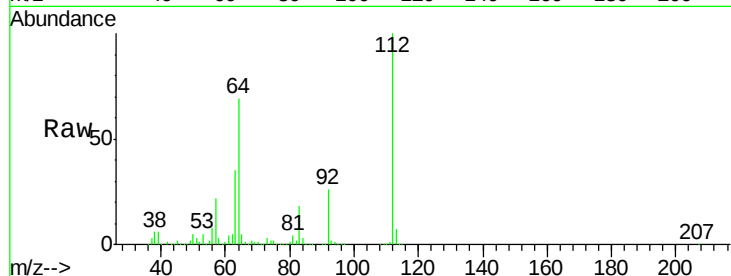
Tgt Ion: 112 Resp: 1557082

Ion Ratio Lower Upper

112 100

64 68.5 56.7 85.1

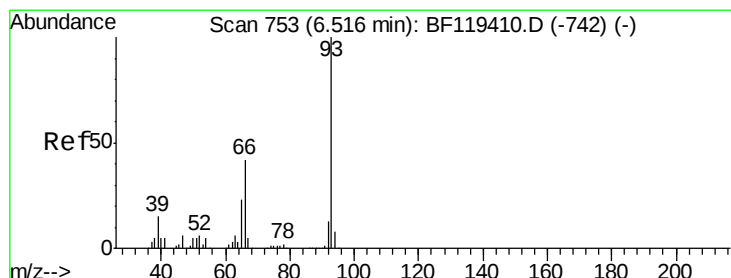
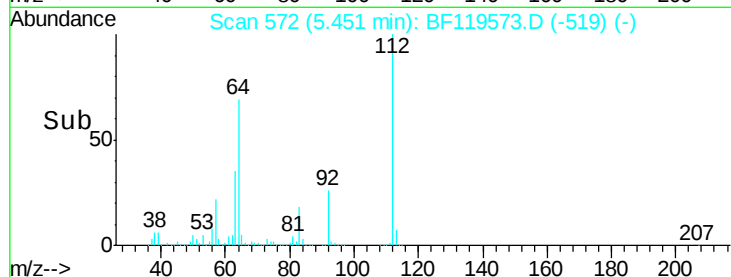
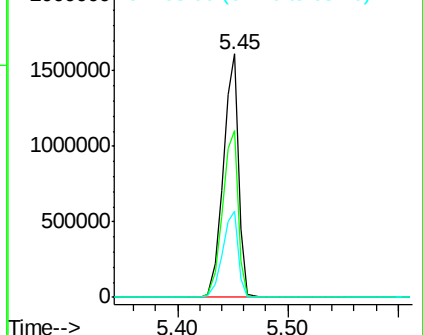
63 35.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.01 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

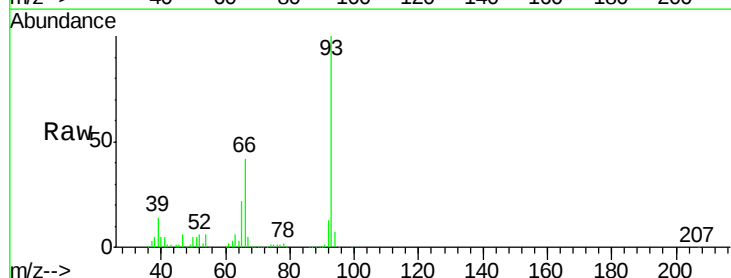
Tgt Ion: 93 Resp: 738753

Ion Ratio Lower Upper

93 100

66 42.1 34.9 52.3

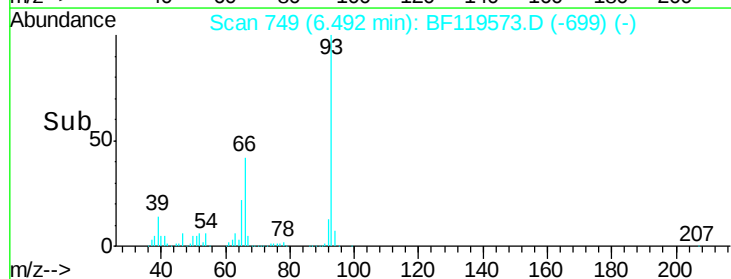
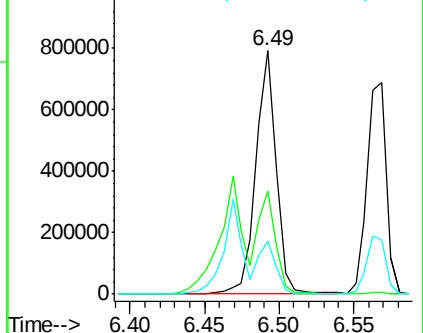
65 22.0 18.6 27.8

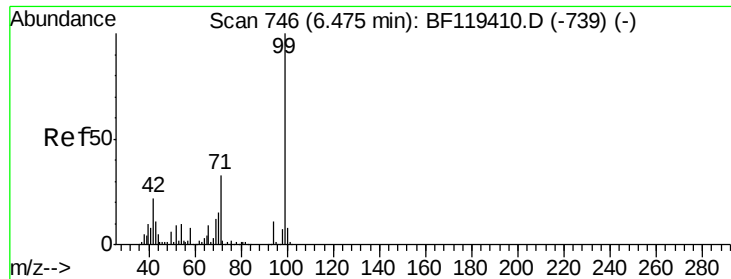


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.10 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

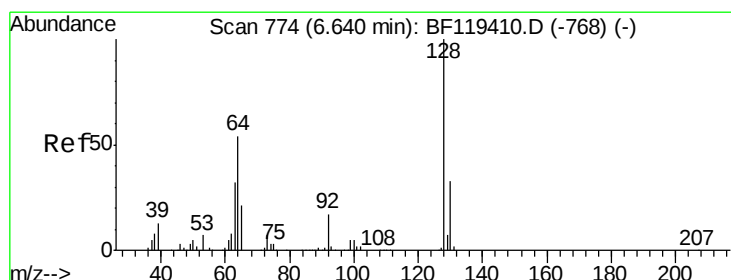
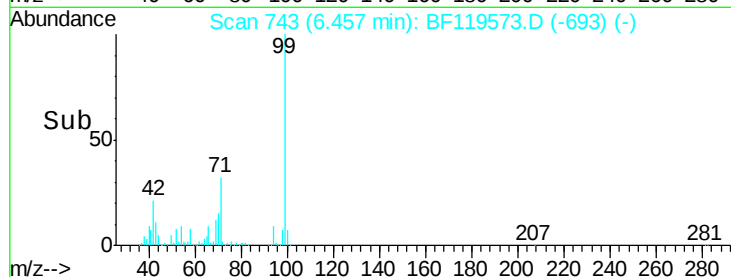
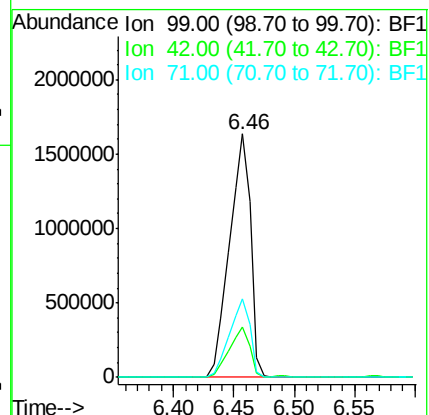
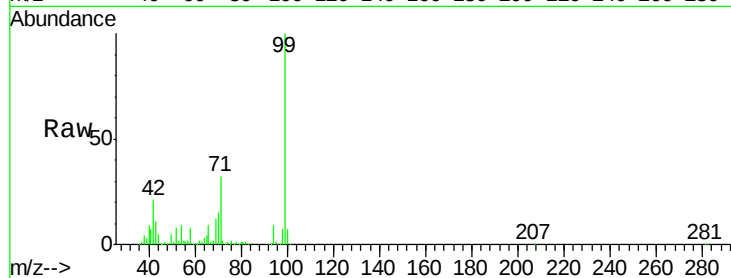
BNA_F

ClientSampleId :

PB127856BSD

Tgt Ion: 99 Resp: 1971010

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	32.5	26.4	39.6



#8

2-Chlorophenol

Concen: 37.12 ng

RT: 6.62 min Scan# 770

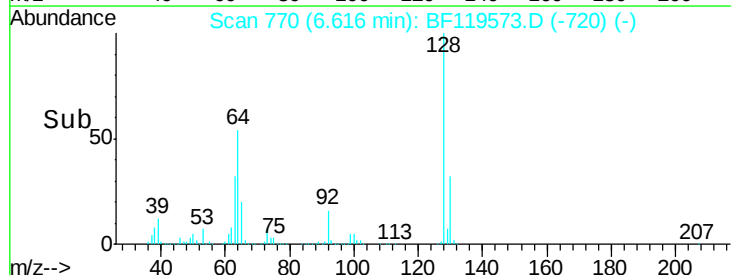
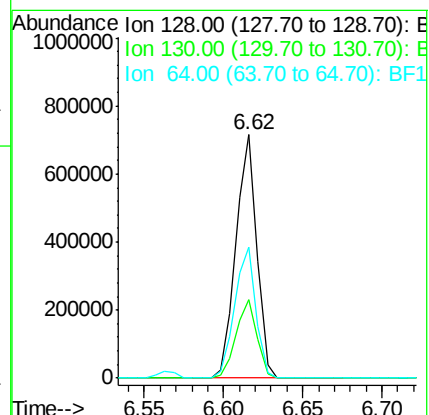
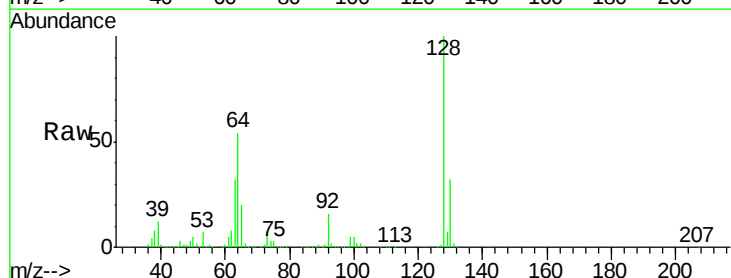
Delta R.T. -0.01 min

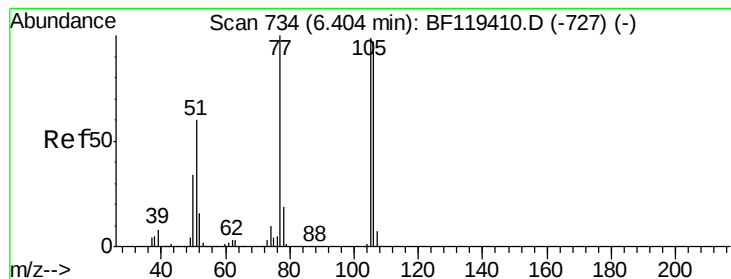
Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion: 128 Resp: 653087

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	54.0	35.3	75.3





#9

Benzaldehyde

Concen: 28.70 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

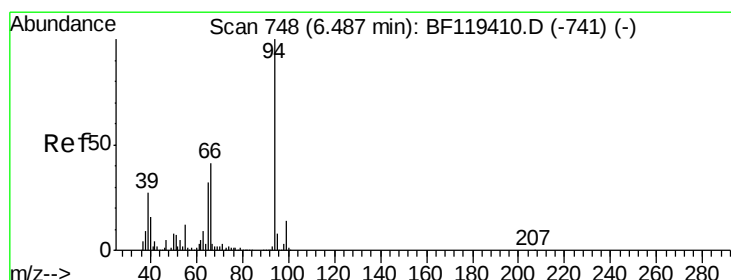
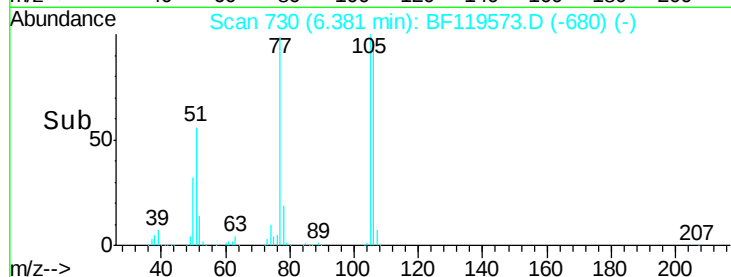
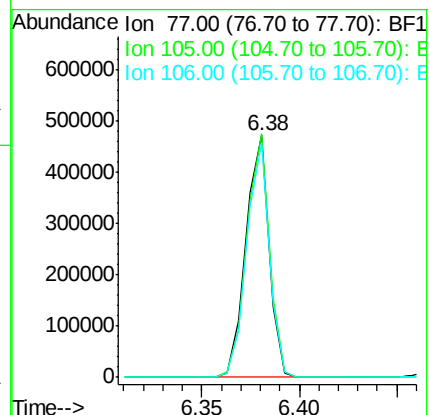
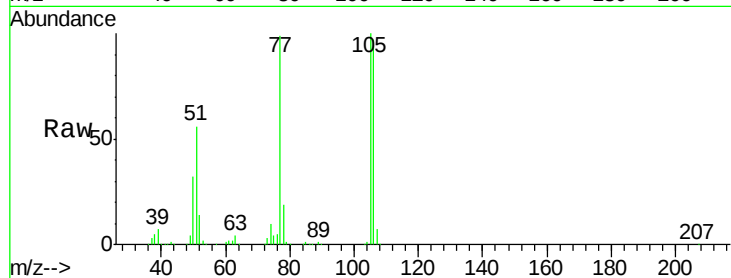
Tgt Ion: 77 Resp: 389576

Ion Ratio Lower Upper

77 100

105 100.6 80.9 120.9

106 97.1 77.9 117.9



#10

Phenol

Concen: 36.00 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

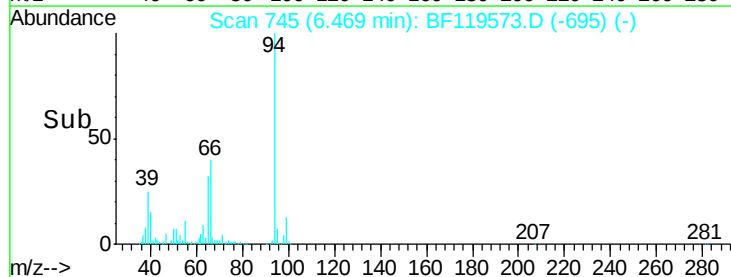
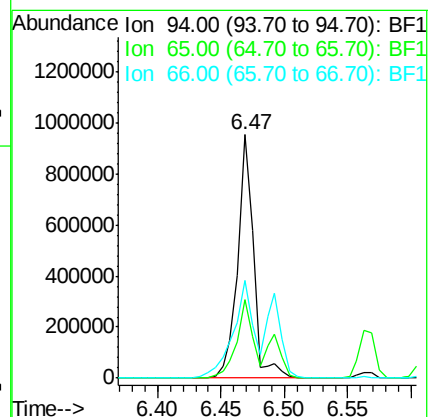
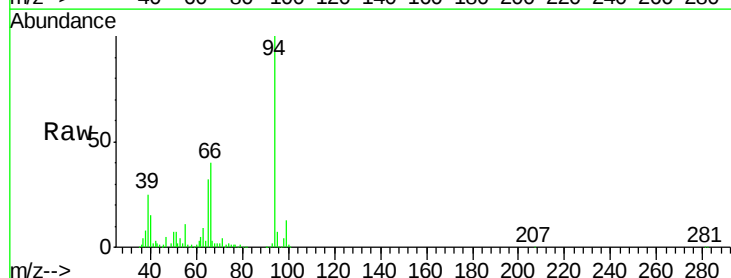
Tgt Ion: 94 Resp: 821954

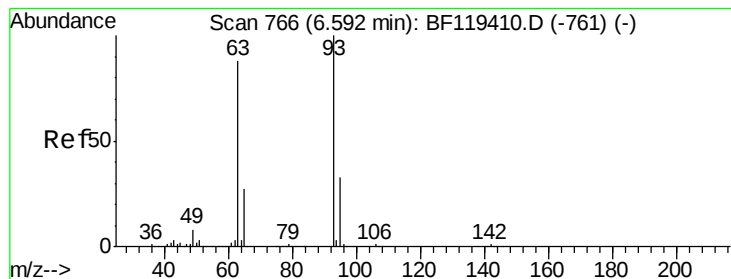
Ion Ratio Lower Upper

94 100

65 32.3 13.2 53.2

66 40.2 22.3 62.3

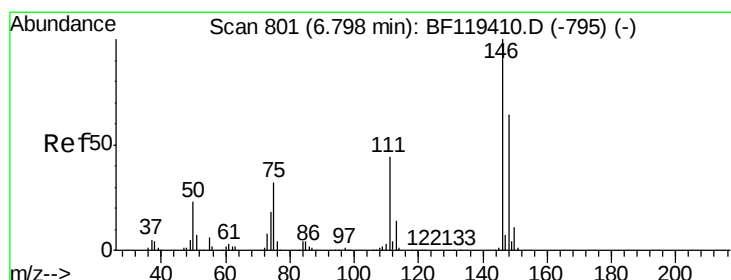
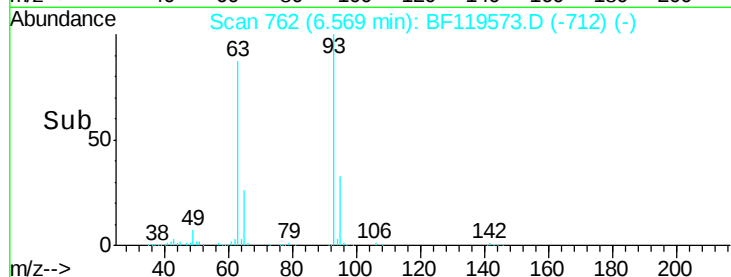
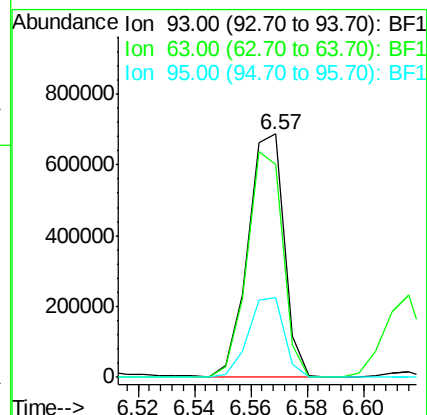
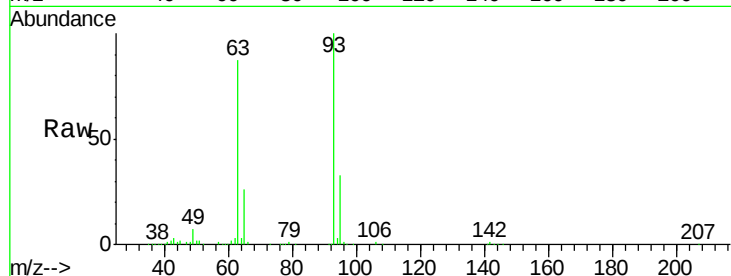




#11
bis(2-Chloroethyl)ether
Concen: 33.51 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

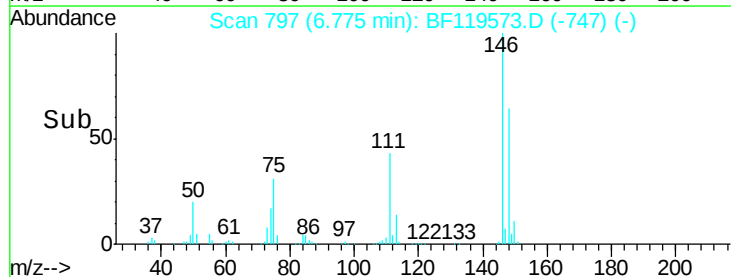
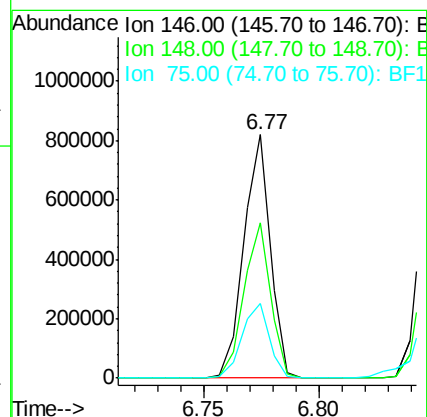
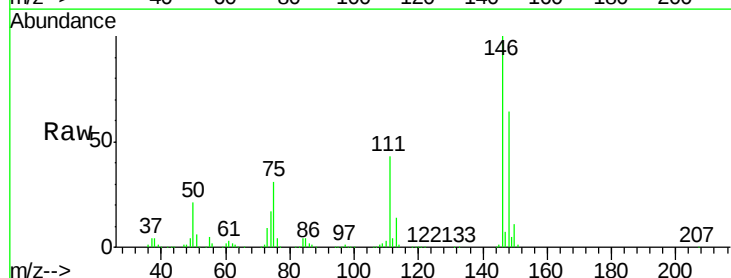
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

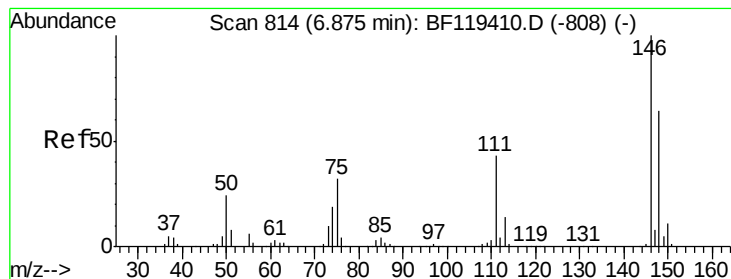
Tgt Ion: 93 Resp: 611947
Ion Ratio Lower Upper
93 100
63 87.4 70.2 110.2
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 34.60 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion: 146 Resp: 658947
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
75 30.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 35.80 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

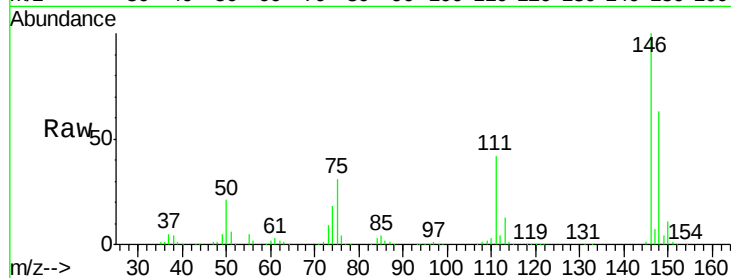
Tgt Ion:146 Resp: 681900

Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

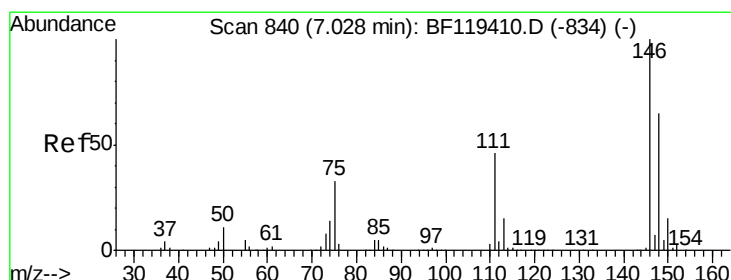
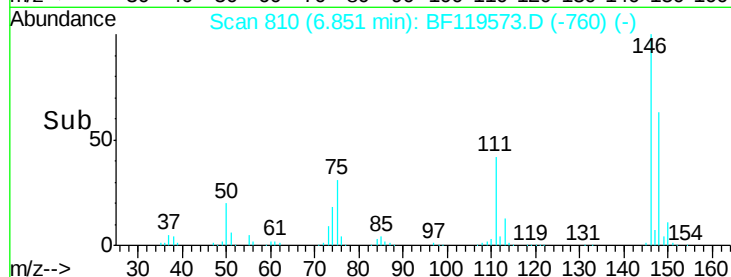
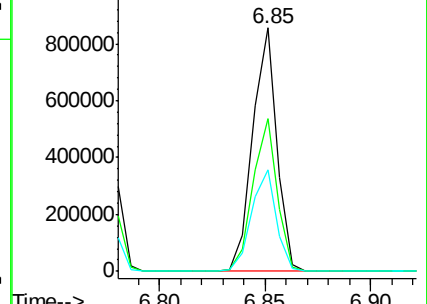
111 42.0 33.3 49.9



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: 35.14 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

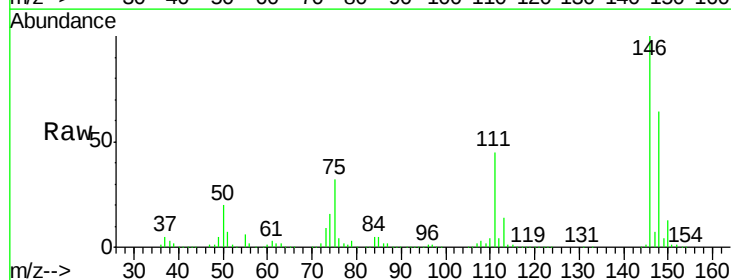
Tgt Ion:146 Resp: 625578

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

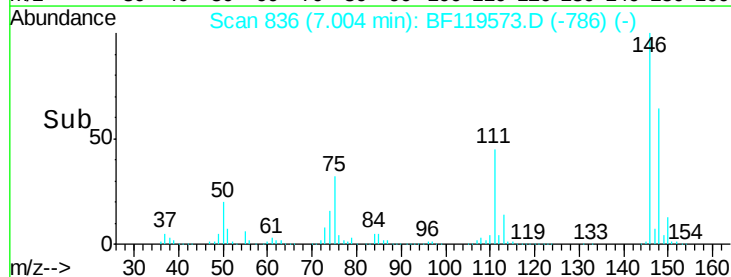
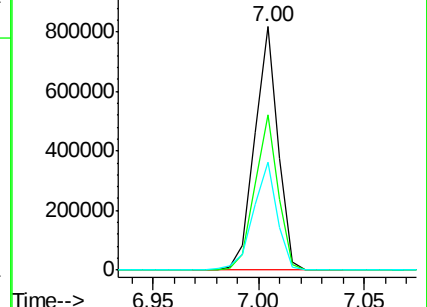
111 44.6 36.1 54.1

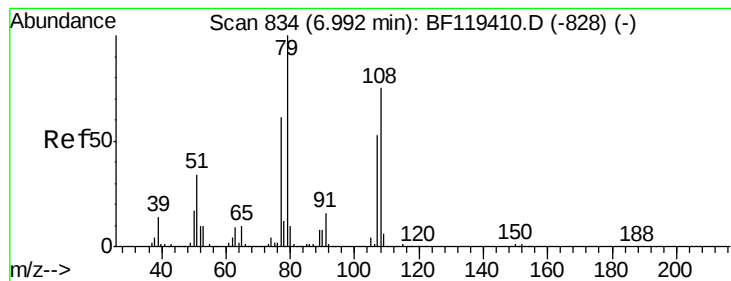


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.80 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

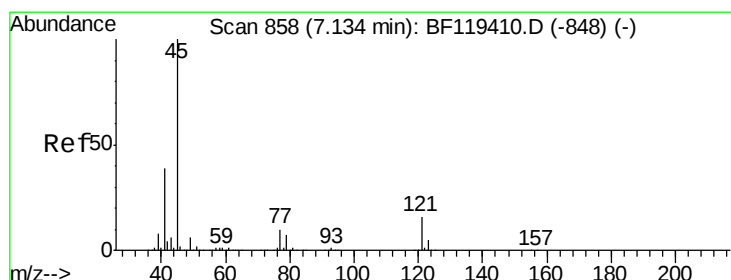
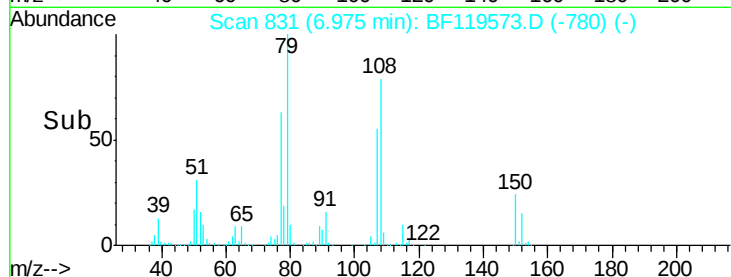
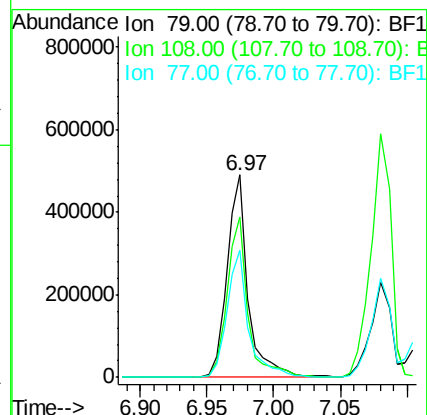
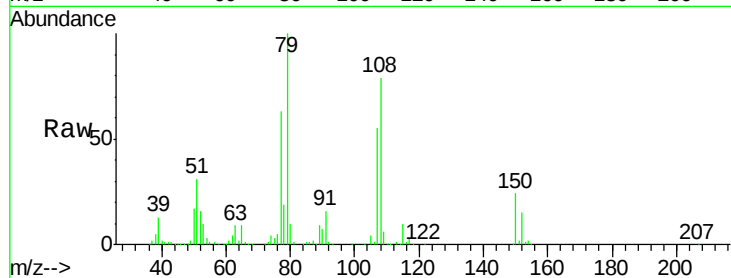
Tgt Ion: 79 Resp: 544129

Ion Ratio Lower Upper

79 100

108 79.2 60.6 90.8

77 63.1 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.16 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

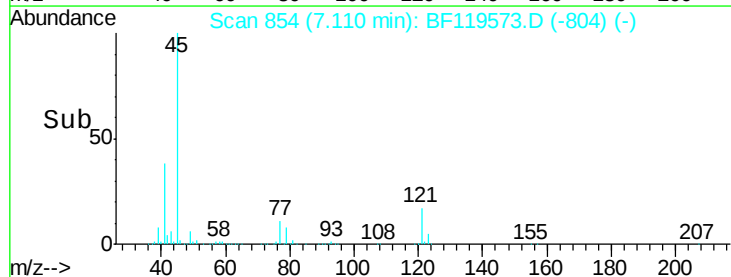
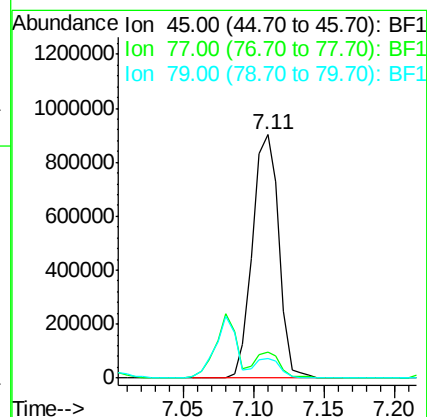
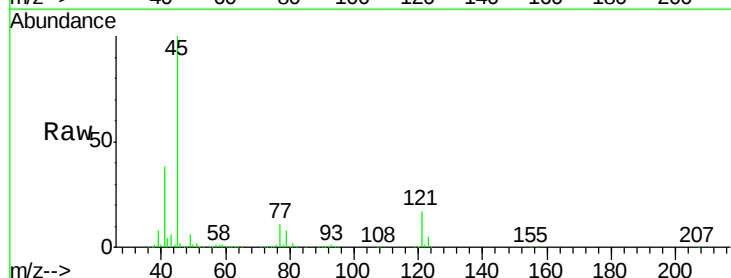
Tgt Ion: 45 Resp: 1184713

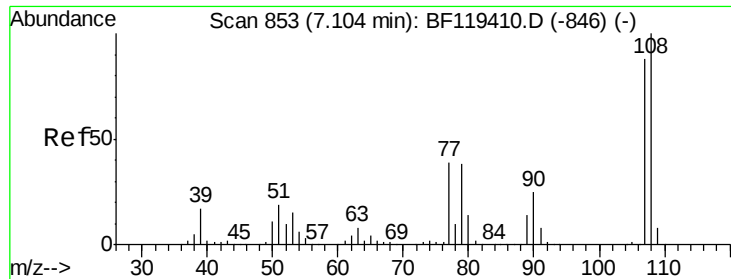
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

79 8.1 0.0 28.2

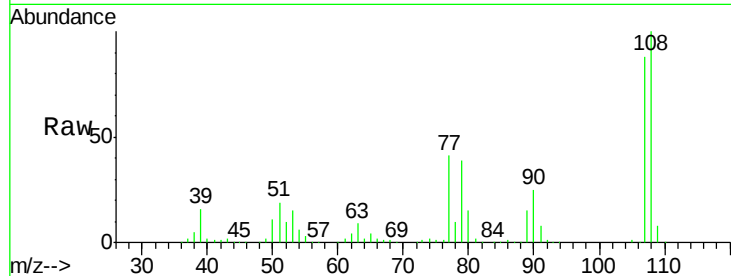




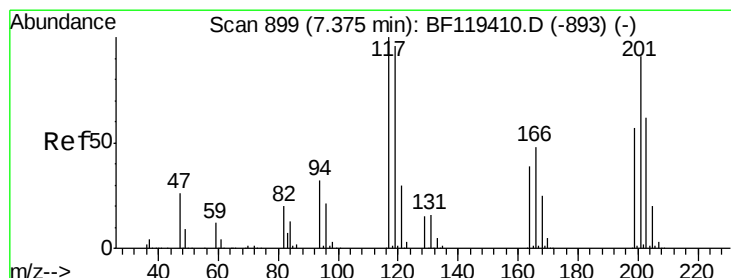
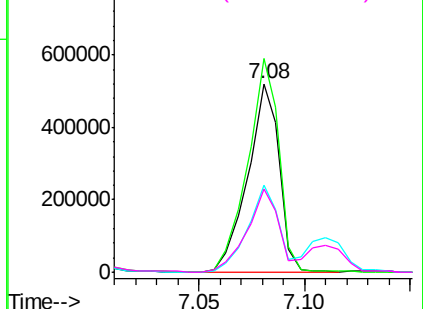
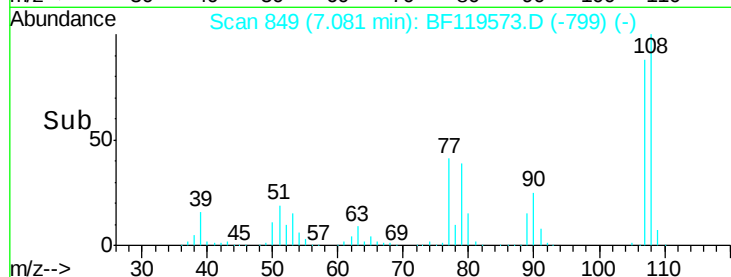
#17
2-Methylphenol
Concen: 33.24 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tgt Ion:107 Resp: 535811
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 46.1 36.6 54.8
79 44.1 36.2 54.4

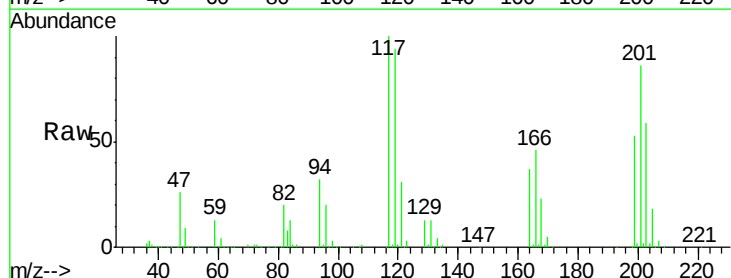


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

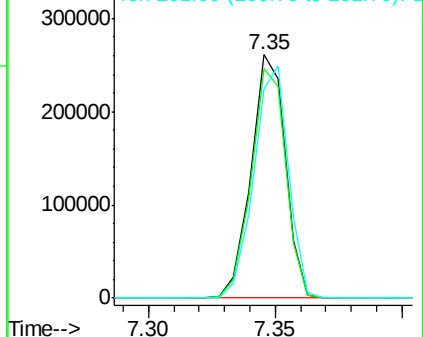
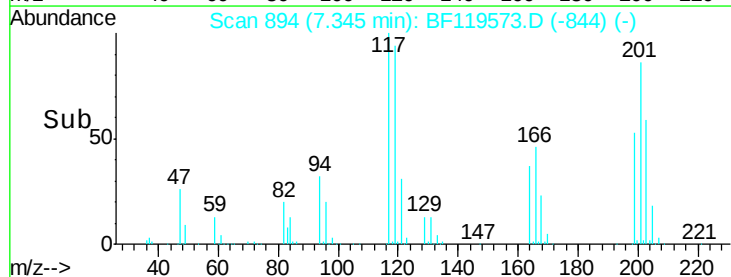


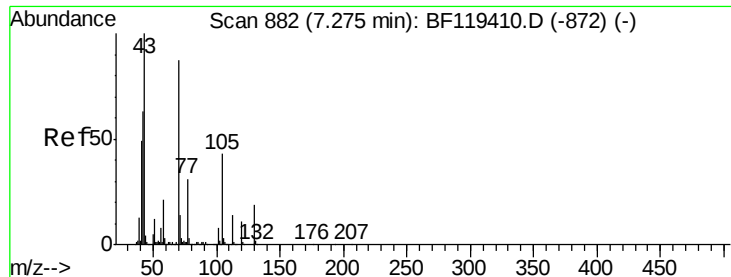
#18
Hexachloroethane
Concen: 35.29 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:117 Resp: 246347
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1
201 86.0 73.0 109.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

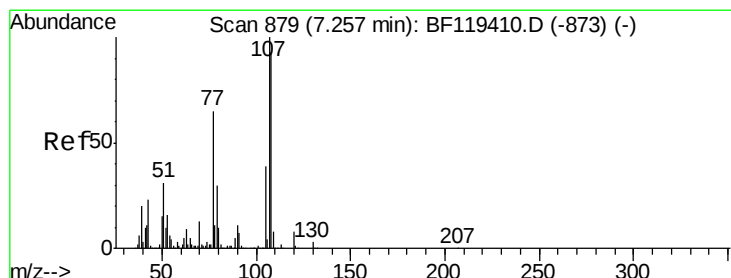
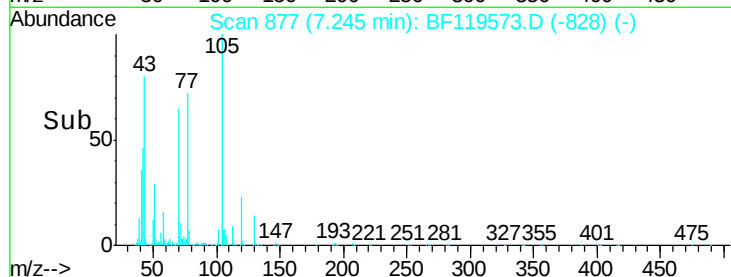
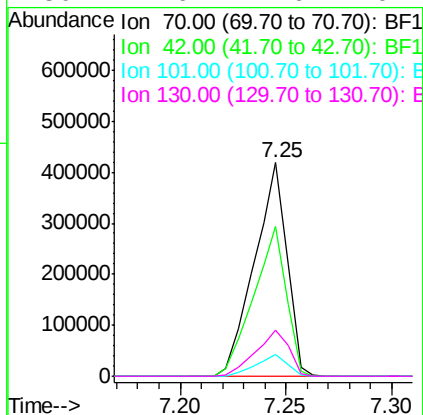
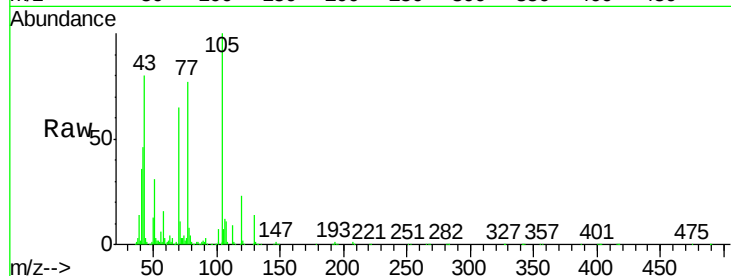




#19
n-Nitroso-di-n-propylamine
Concen: 34.69 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

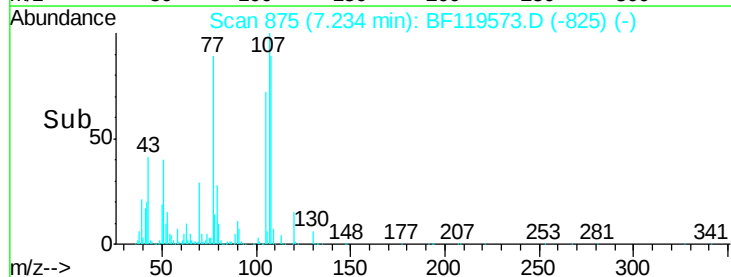
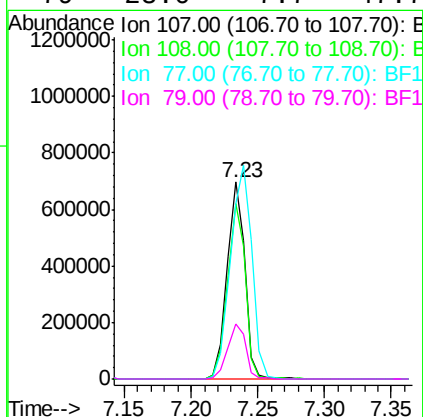
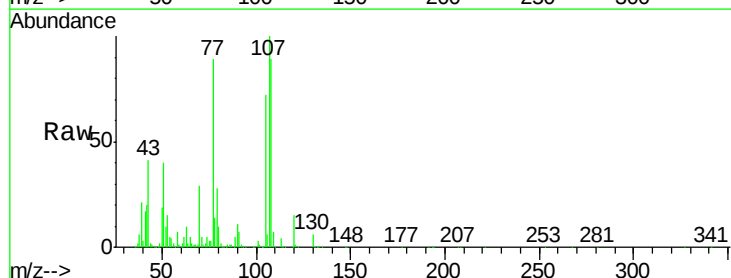
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

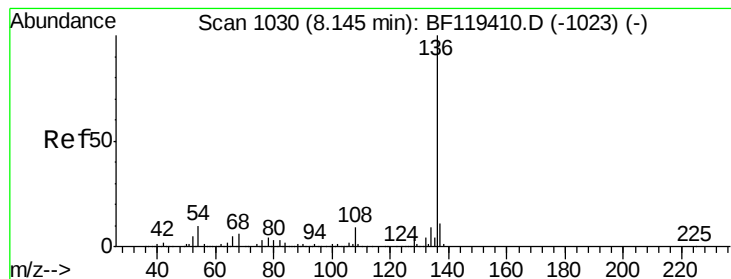
Tgt Ion:	70	Resp:	447485
Ion	Ratio	Lower	Upper
70	100		
42	70.0	54.5	81.7
101	10.0	7.6	11.4
130	21.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 33.26 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:	107	Resp:	657036
Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.9	107.9
77	89.1	52.9	92.9
79	28.0	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tgt Ion:136 Resp: 1070024

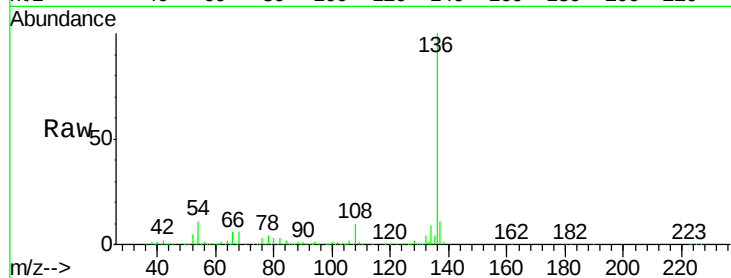
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.2 9.1 13.7

68 6.4 4.6 6.8

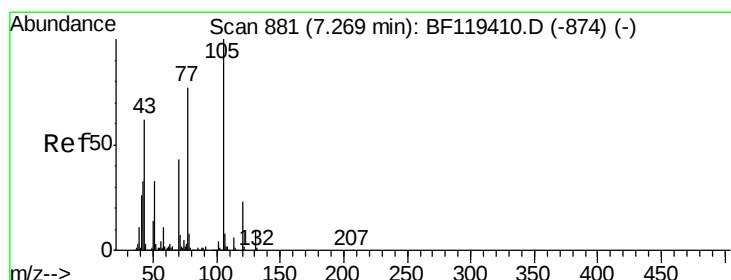
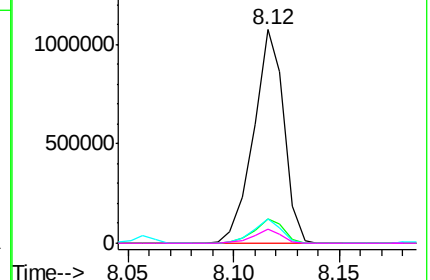
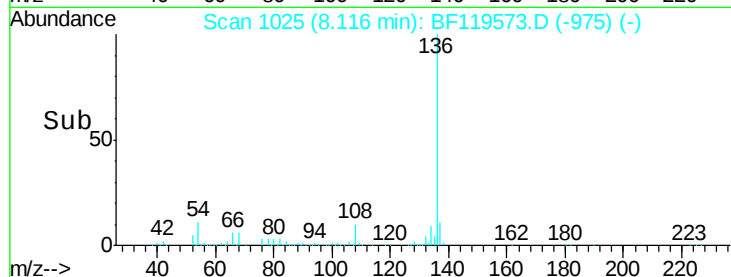


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.22 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:105 Resp: 849290

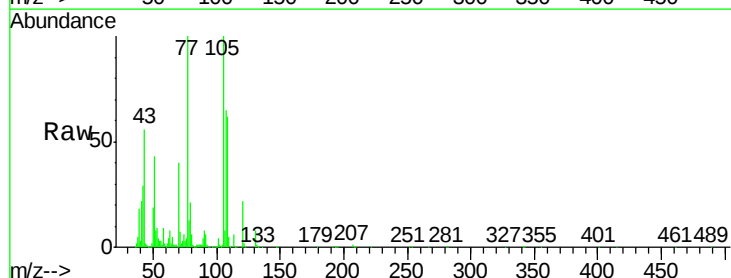
Ion Ratio Lower Upper

105 100

71 6.7 5.7 8.5

51 42.6 26.2 39.4#

120 22.2 18.3 27.5

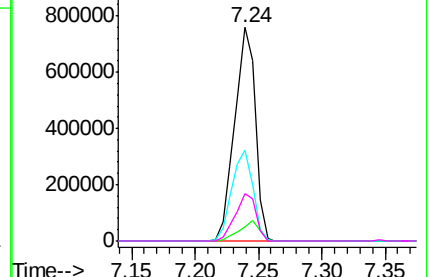
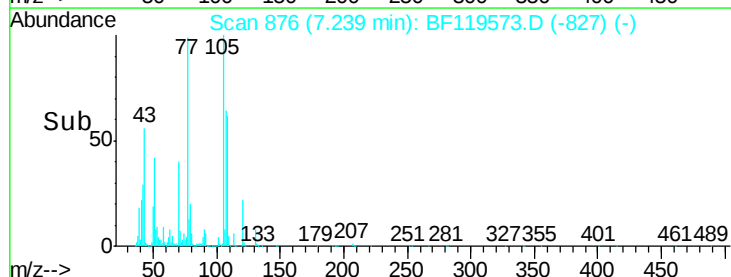


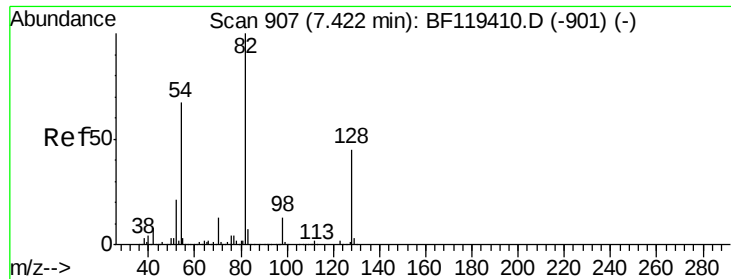
Abundance Ion 105.00 (104.70 to 105.70): E

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

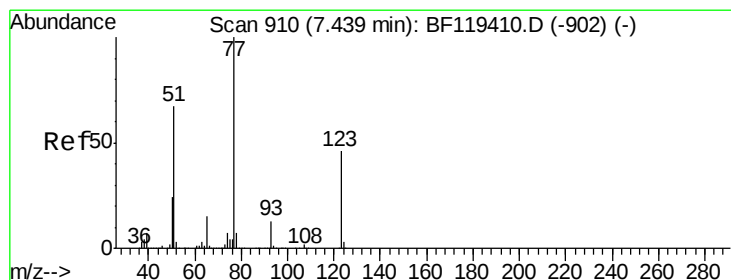
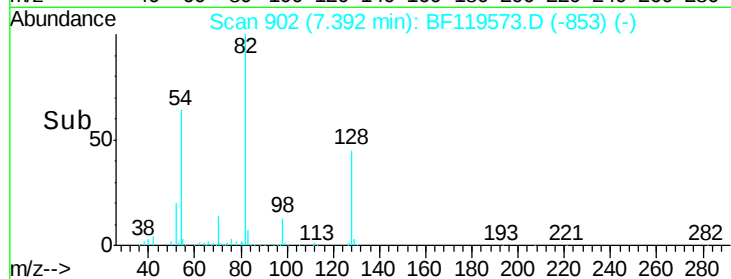
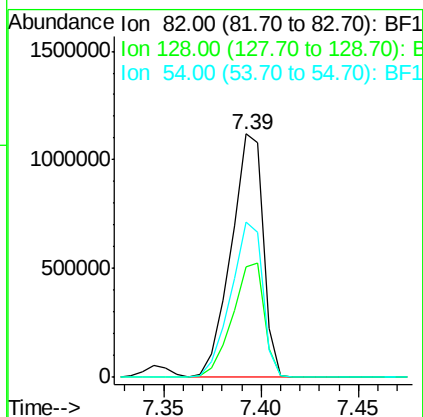
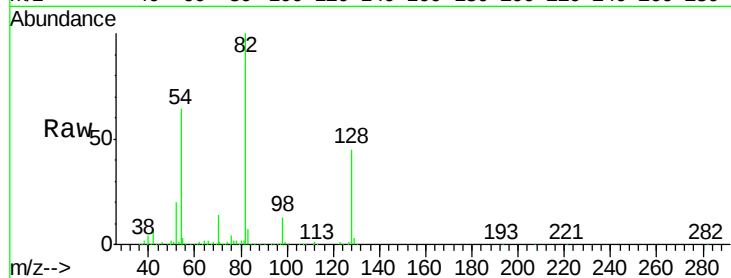




#23
 Nitrobenzene-d5
 Concen: 64.58 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

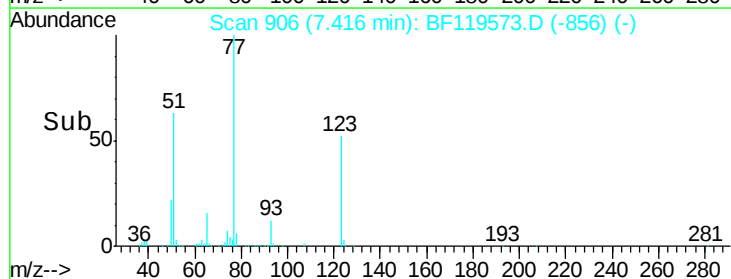
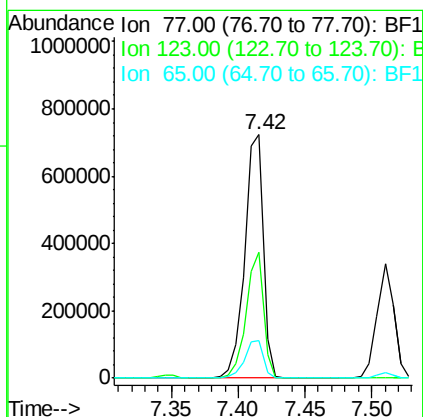
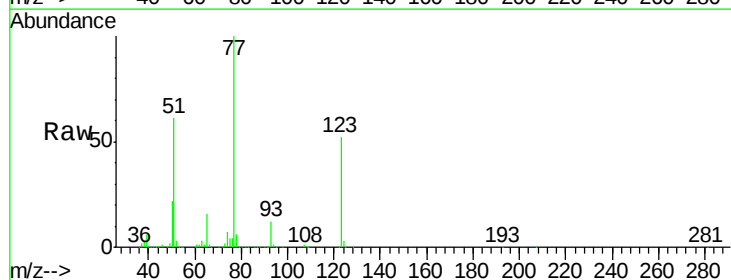
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

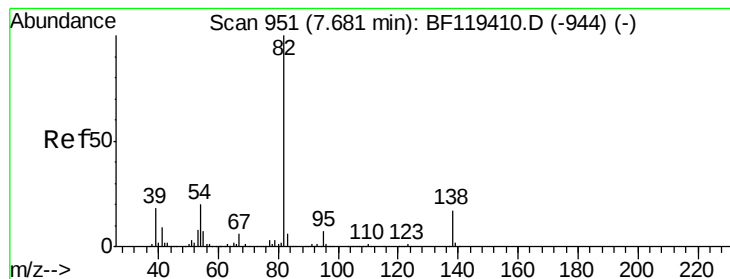
Tgt Ion: 82 Resp: 1271404
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.3 54.5
 54 63.7 50.6 75.8



#24
 Nitrobenzene
 Concen: 32.82 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion: 77 Resp: 690628
 Ion Ratio Lower Upper
 77 100
 123 51.6 38.0 57.0
 65 15.6 12.6 18.8





#25

Isophorone

Concen: 32.93 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

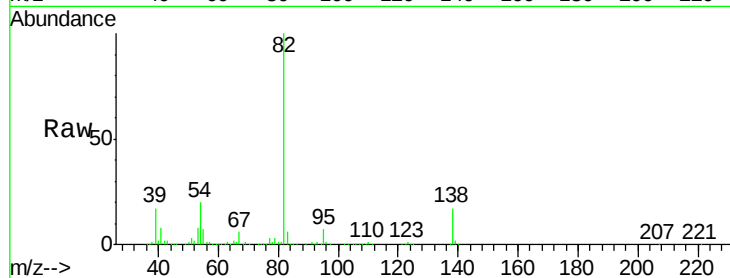
Tgt Ion: 82 Resp: 1315073

Ion Ratio Lower Upper

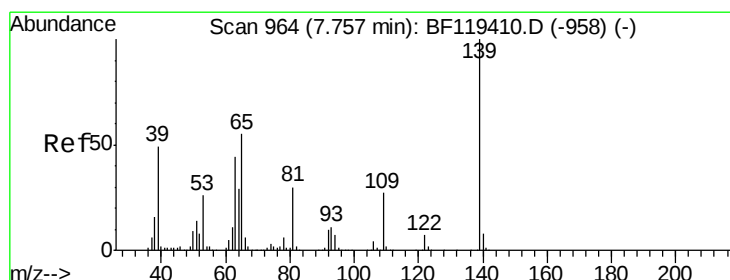
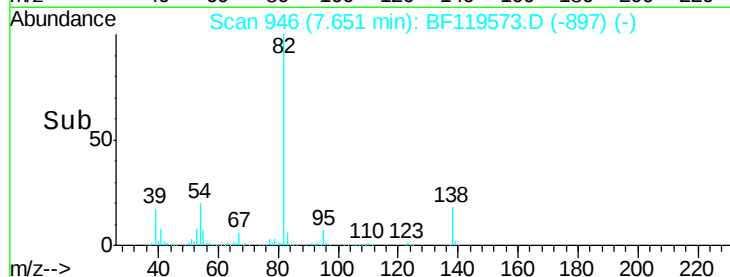
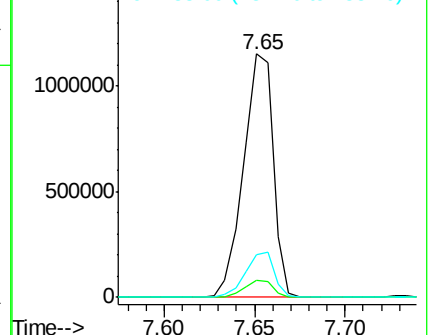
82 100

95 6.9 5.8 8.6

138 17.5 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: 43.68 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

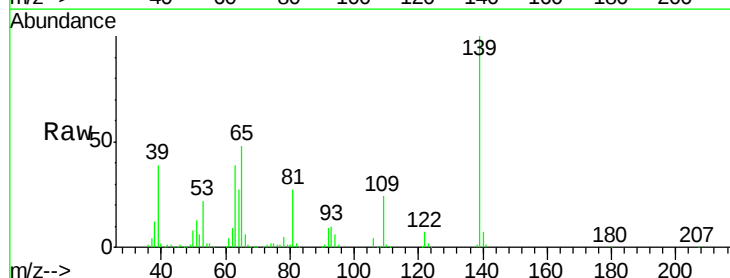
Tgt Ion: 139 Resp: 361875

Ion Ratio Lower Upper

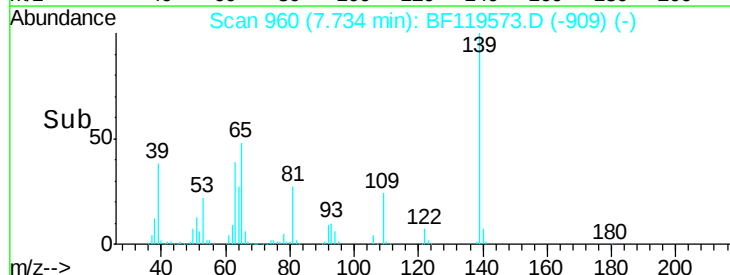
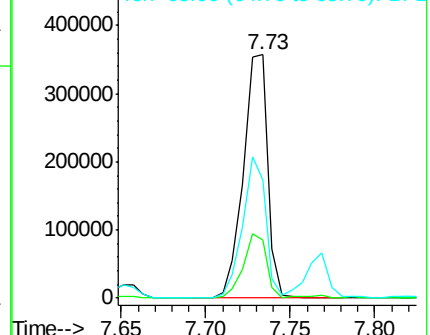
139 100

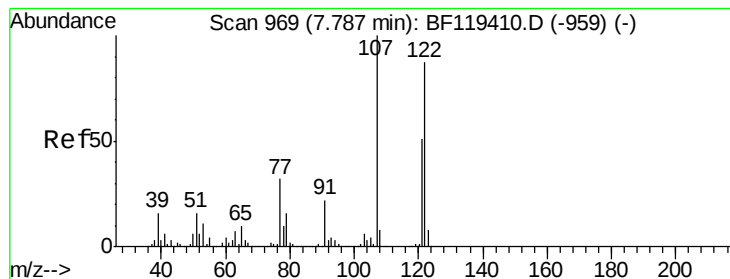
109 23.7 22.1 33.1

65 48.4 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: 34.23 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

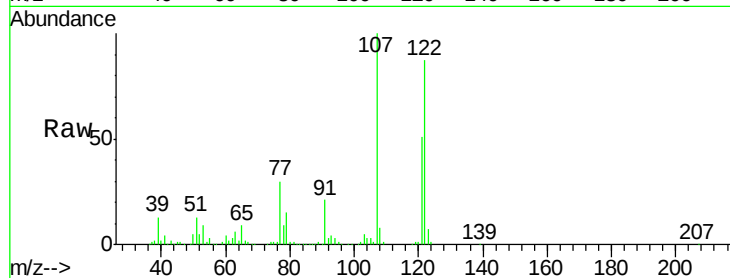
Tgt Ion:122 Resp: 586443

Ion Ratio Lower Upper

122 100

107 114.9 89.0 133.6

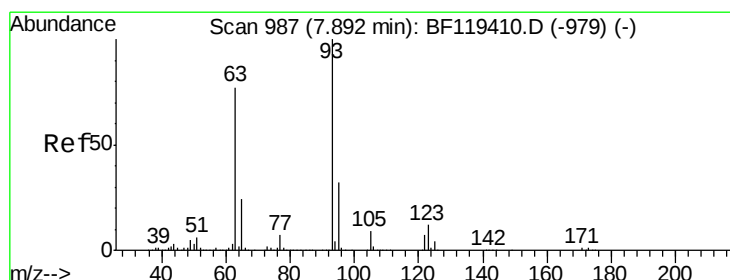
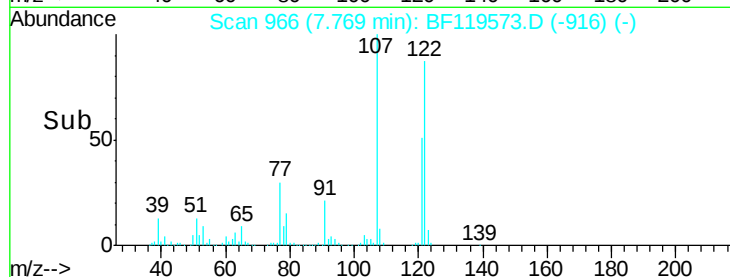
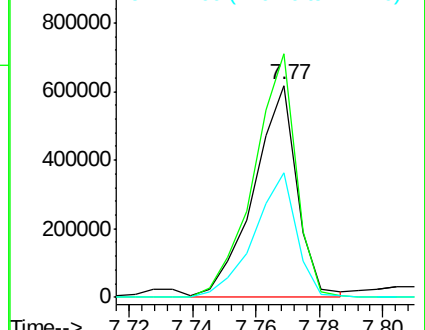
121 59.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.52 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

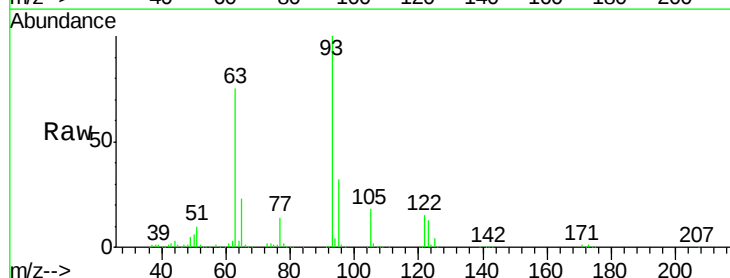
Tgt Ion: 93 Resp: 791548

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

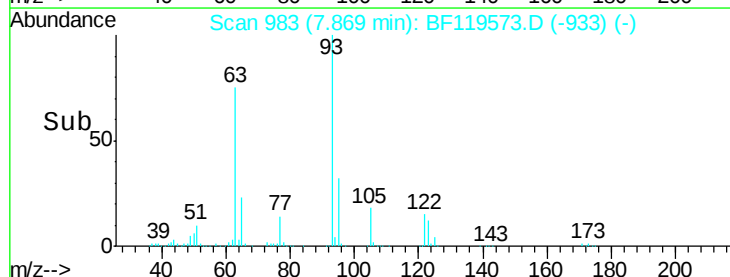
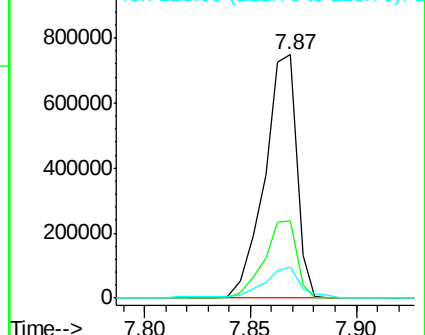
123 12.6 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

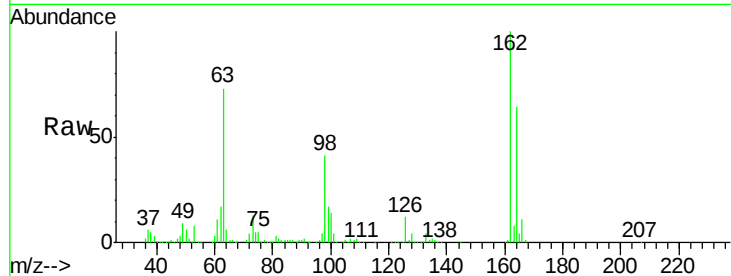




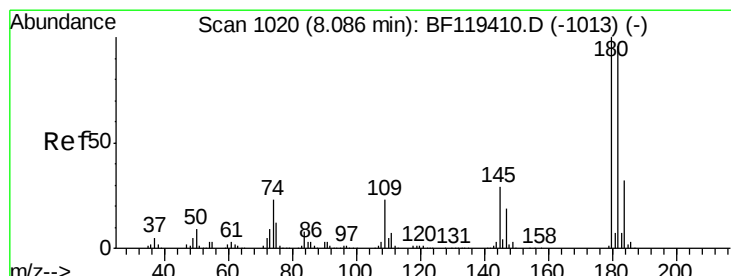
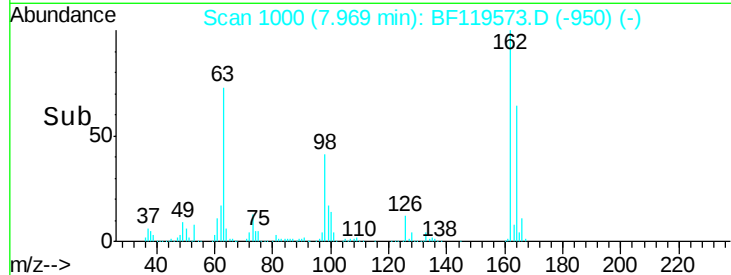
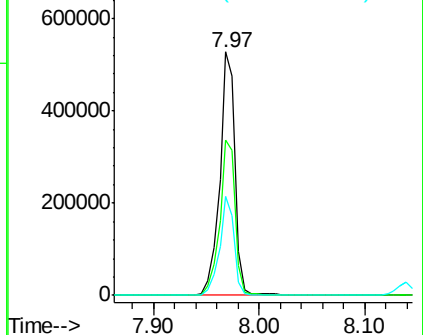
#29
 2,4-Dichlorophenol
 Concen: 34.34 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.7	84.7
98	40.9	20.7	60.7

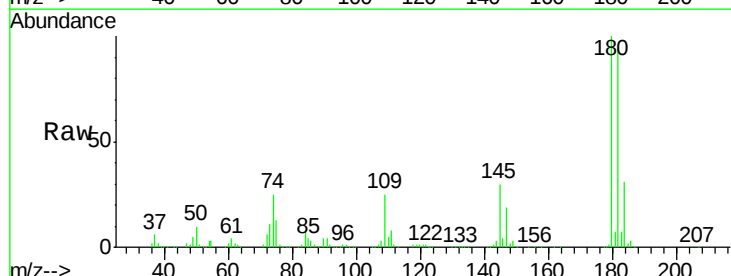


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

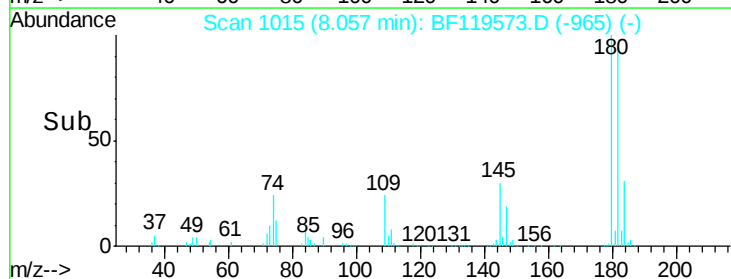
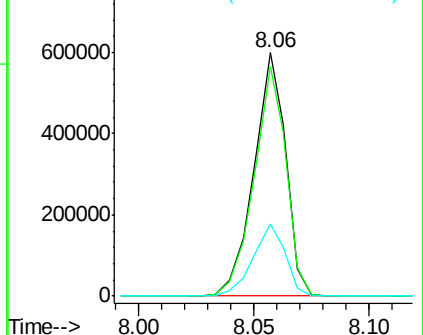


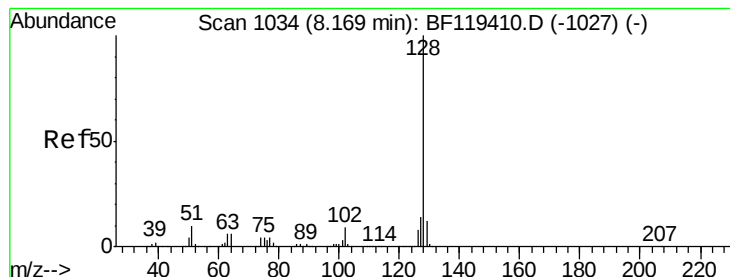
#30
 1,2,4-Trichlorobenzene
 Concen: 32.98 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.7	112.1
145	29.8	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: 33.98 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

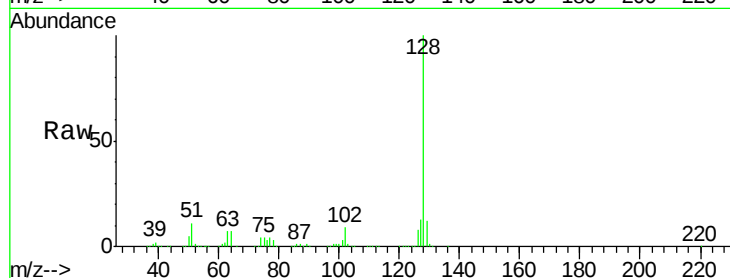
Tgt Ion:128 Resp: 1871084

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

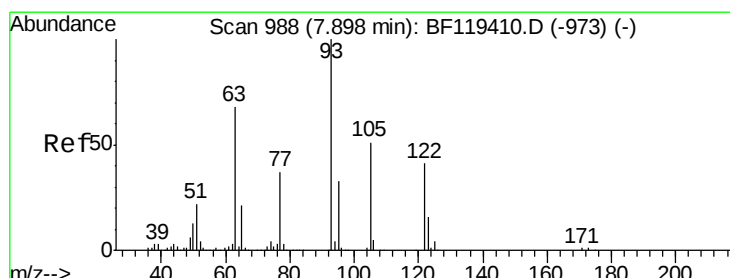
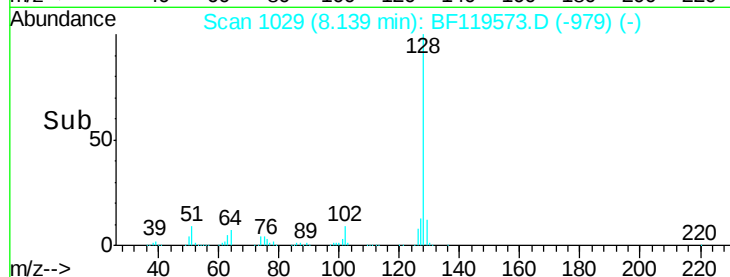
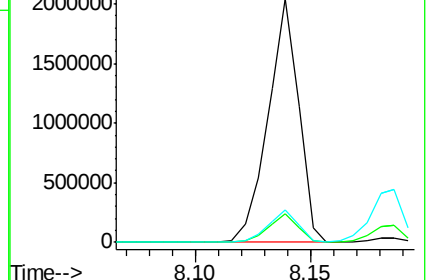
127 13.4 11.3 16.9



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: 39.18 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

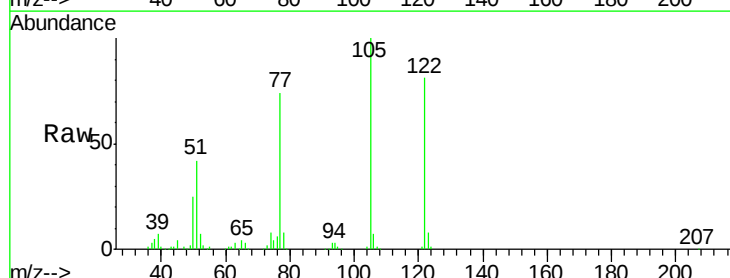
Tgt Ion:122 Resp: 431767

Ion Ratio Lower Upper

122 100

105 123.3 104.9 144.9

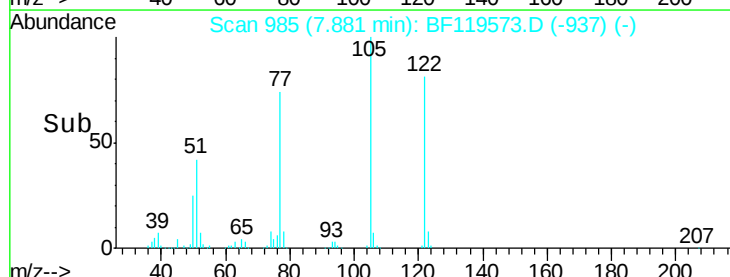
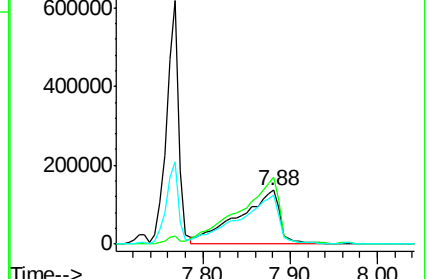
77 91.8 74.4 114.4

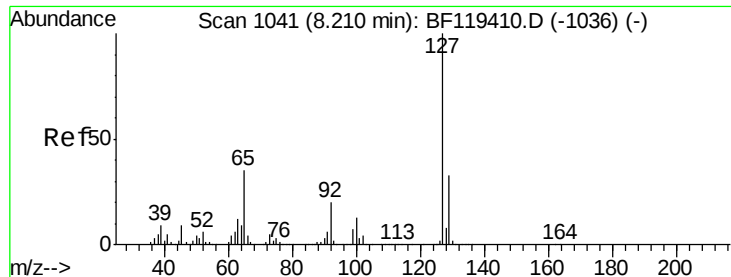


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

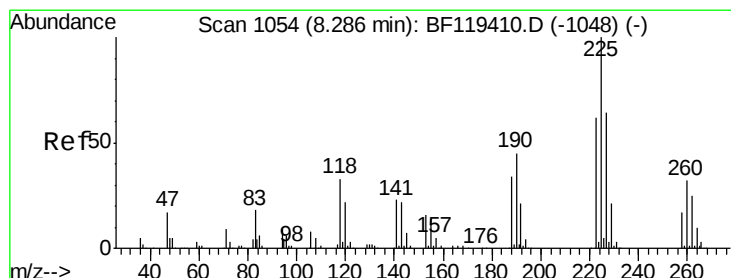
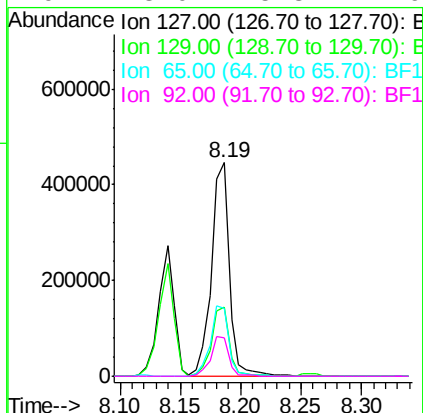
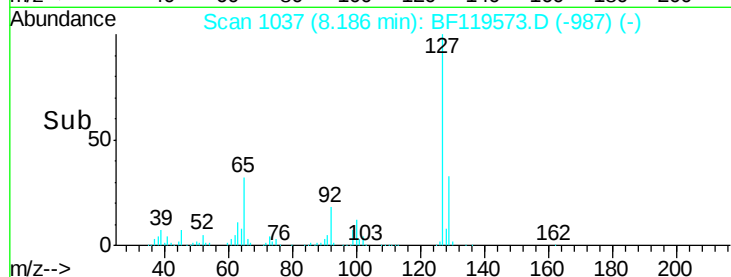
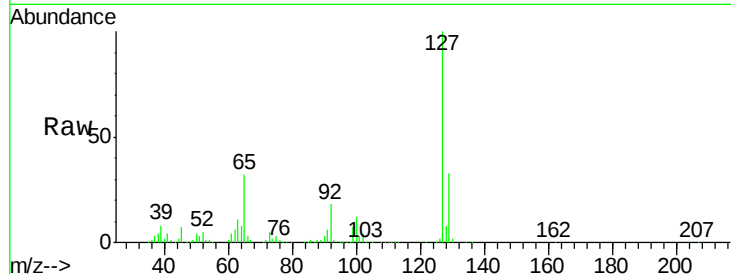




#33
4-Chloroaniline
Concen: 18.05 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

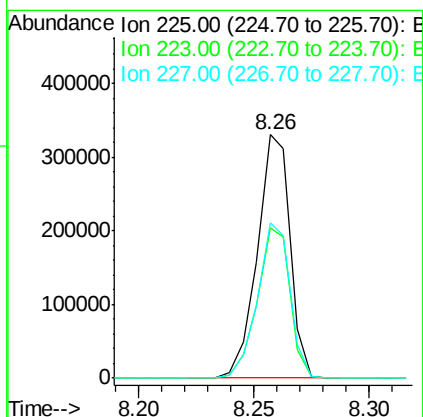
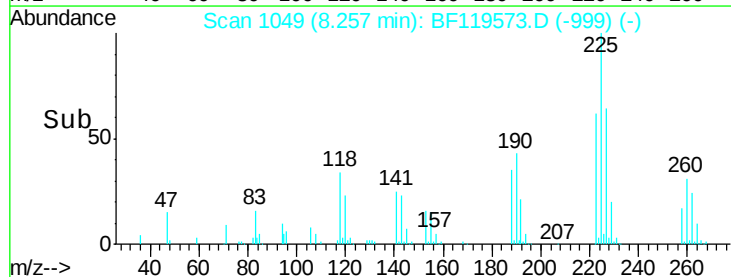
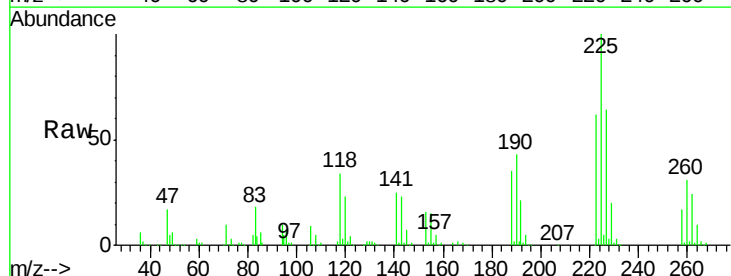
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

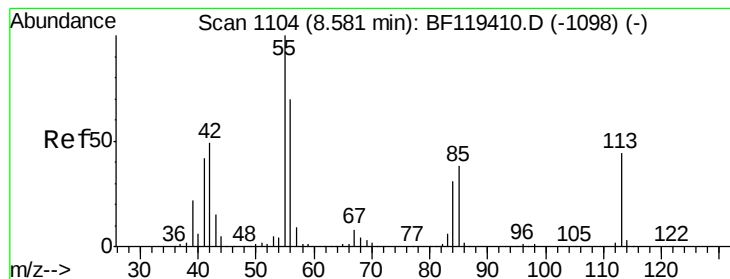
Tgt Ion:	127	Resp:	455346
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	32.0	27.4	41.0
92	18.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 33.51 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:	225	Resp:	326388
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.7	50.7	76.1





#35

Caprolactam

Concen: 21.03 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

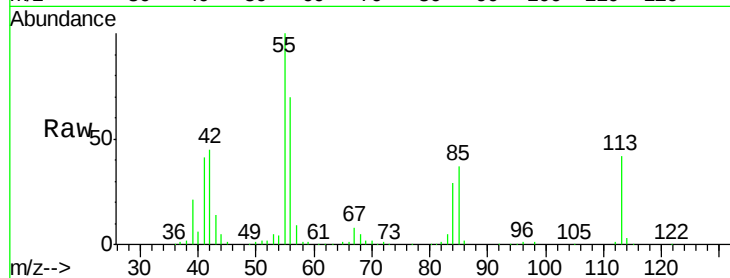
Tgt Ion:113 Resp: 108310

Ion Ratio Lower Upper

113 100

55 239.5 218.4 258.4

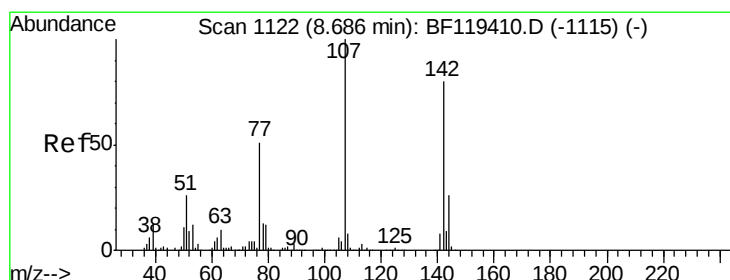
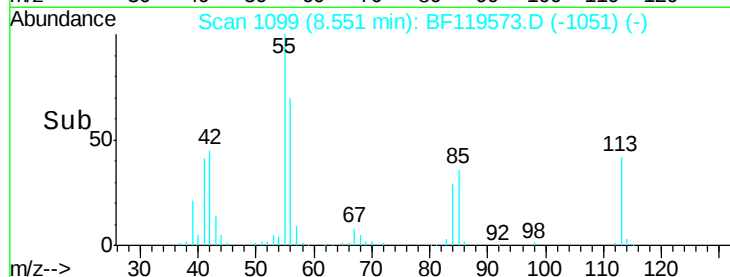
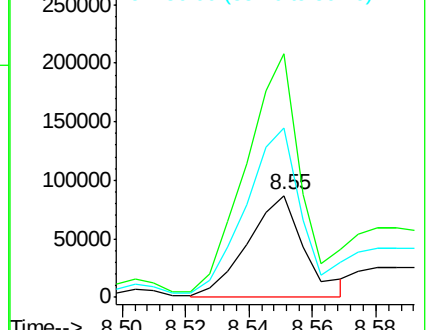
56 166.7 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.19 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

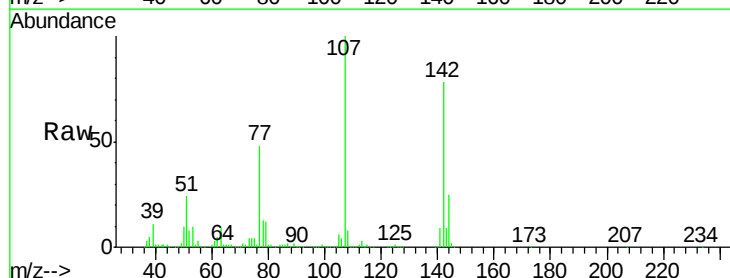
Tgt Ion:107 Resp: 605313

Ion Ratio Lower Upper

107 100

144 25.3 21.0 31.6

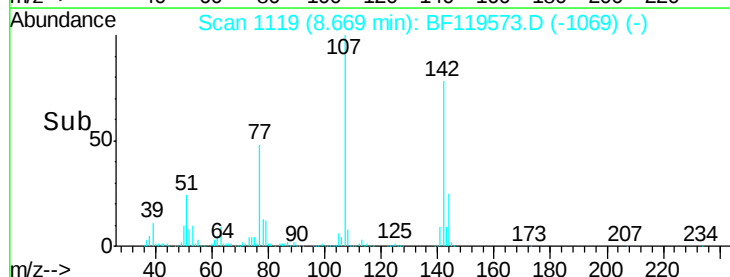
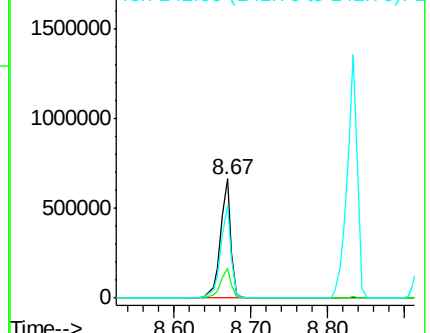
142 78.1 64.4 96.6

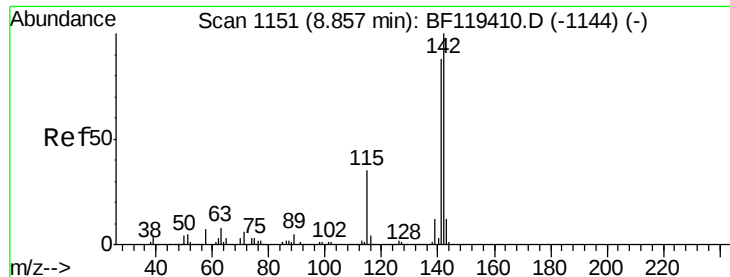


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

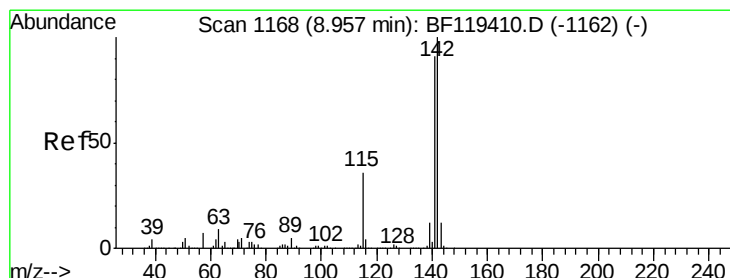
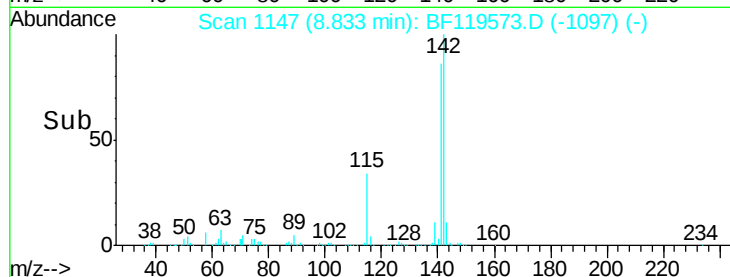
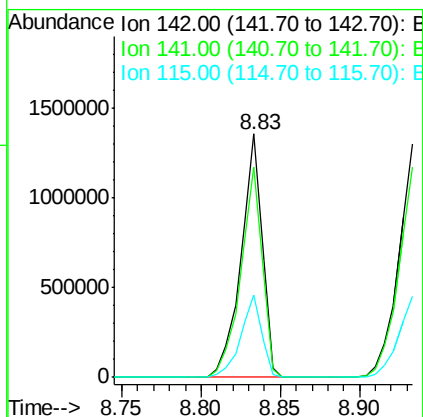
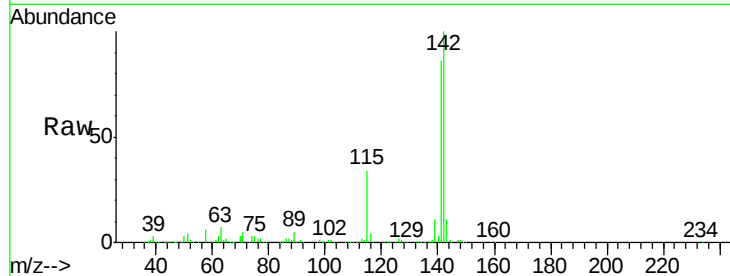




#37
2-Methylnaphthalene
Concen: 34.73 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

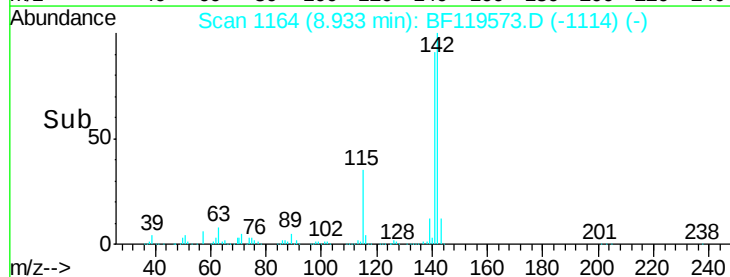
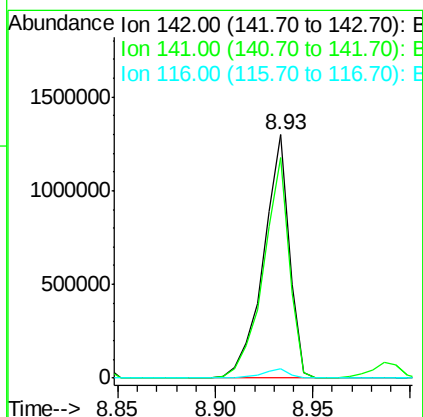
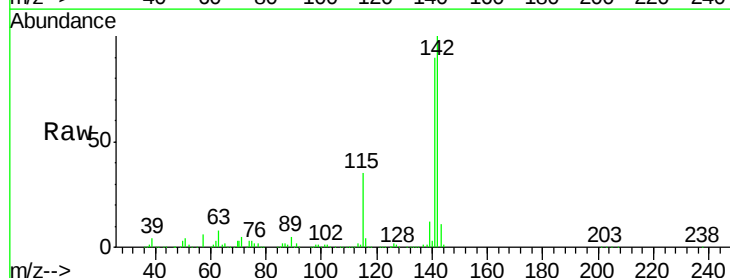
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

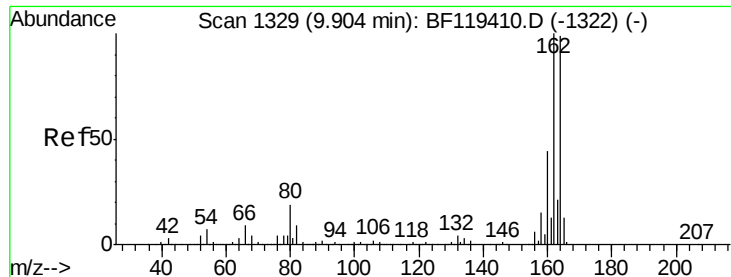
Tgt Ion:142 Resp: 1255093
Ion Ratio Lower Upper
142 100
141 86.3 71.7 107.5
115 33.9 27.9 41.9



#38
1-Methylnaphthalene
Concen: 34.75 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:142 Resp: 1188742
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5
116 3.6 3.0 4.6

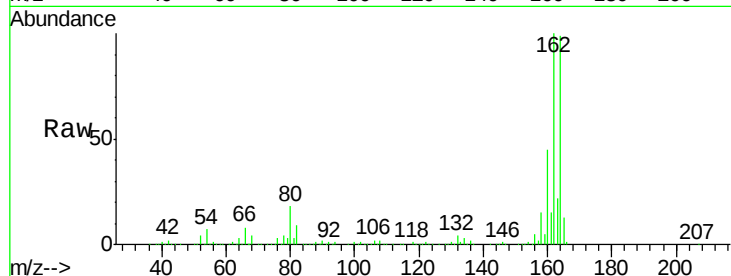




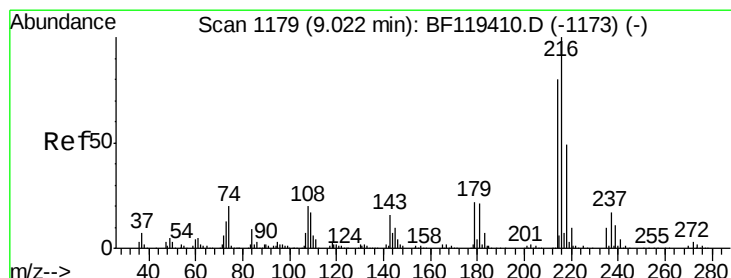
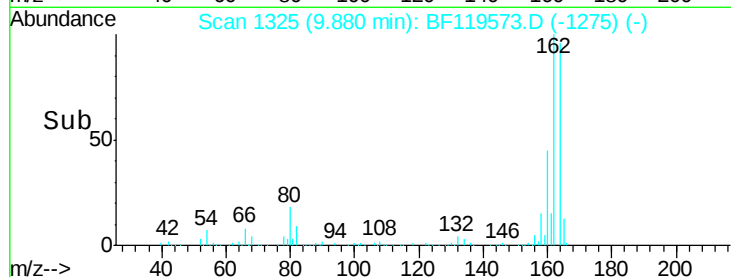
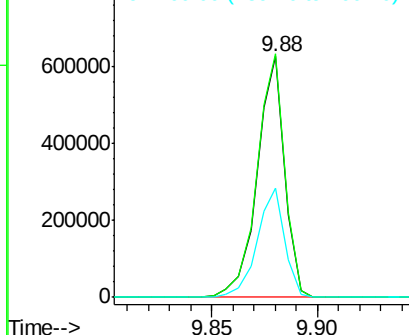
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tgt Ion:164 Resp: 565941
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.2 35.7 53.5

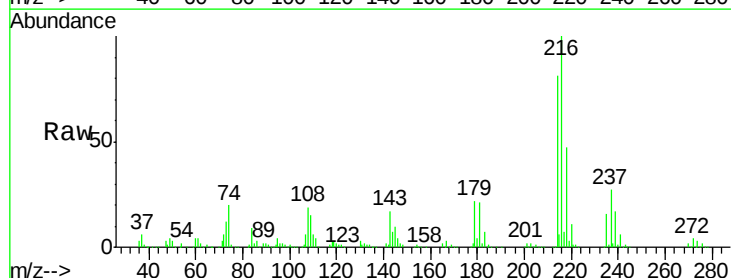


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

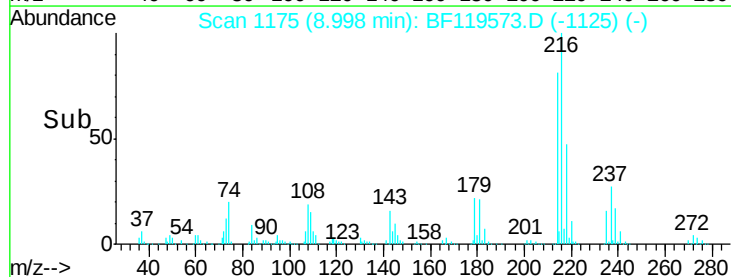
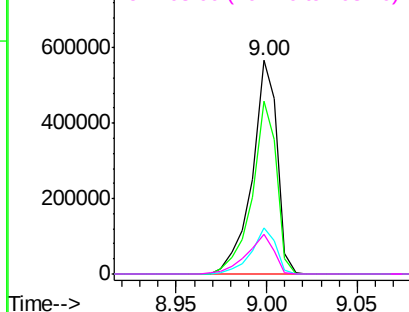


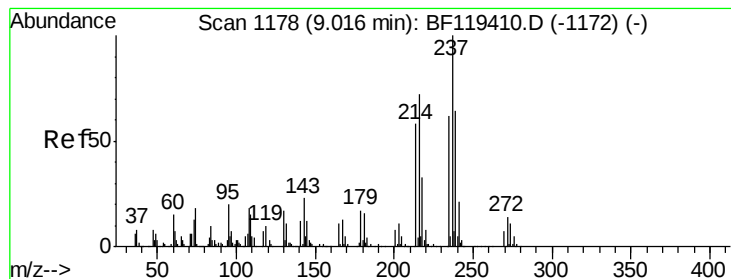
#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.49 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:216 Resp: 538977
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.2 17.1 25.7
108 20.6 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: 69.27 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

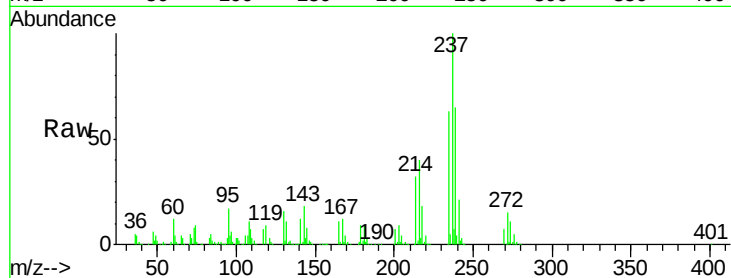
Tgt Ion:237 Resp: 653271

Ion Ratio Lower Upper

237 100

235 63.5 43.2 83.2

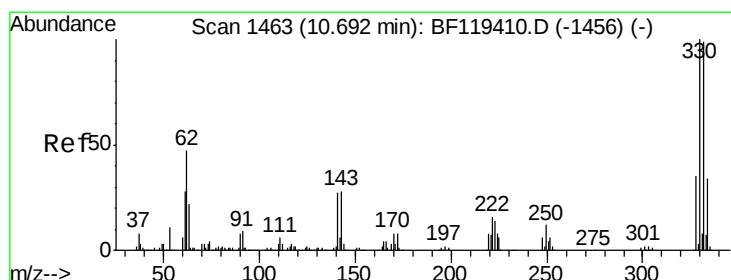
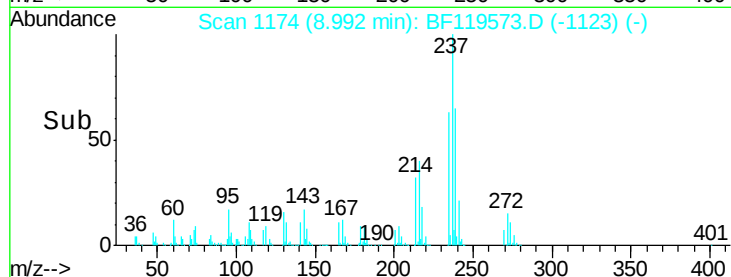
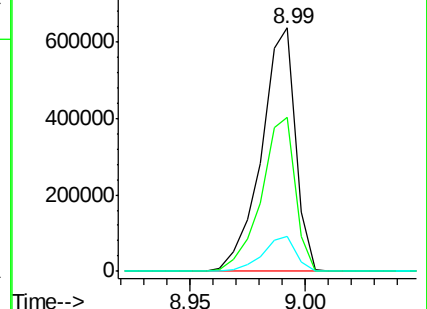
272 14.6 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.96 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

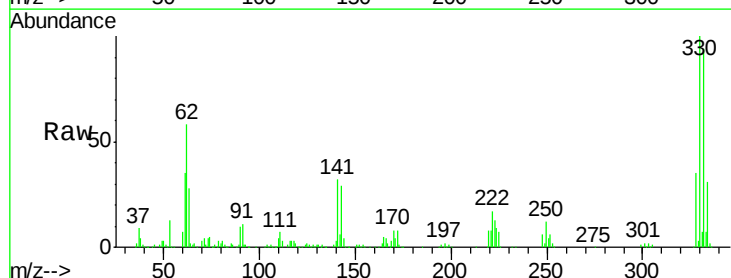
Tgt Ion:330 Resp: 601119

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

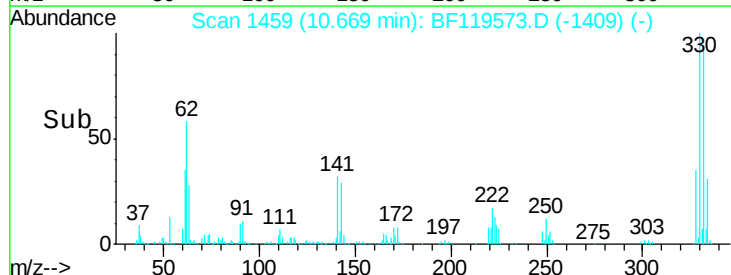
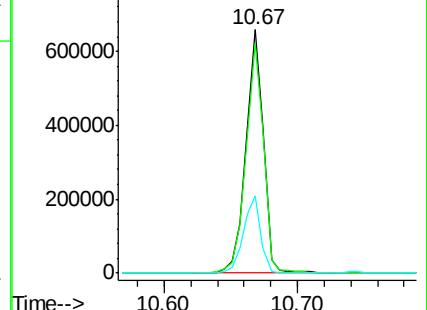
141 31.6 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

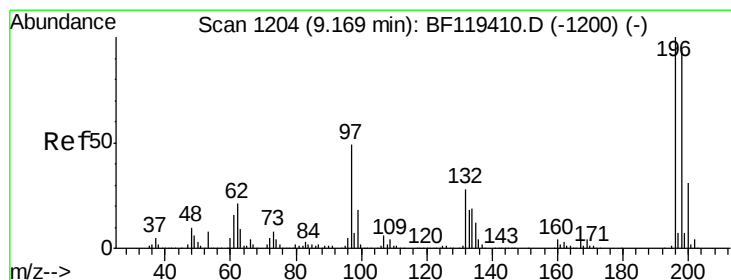
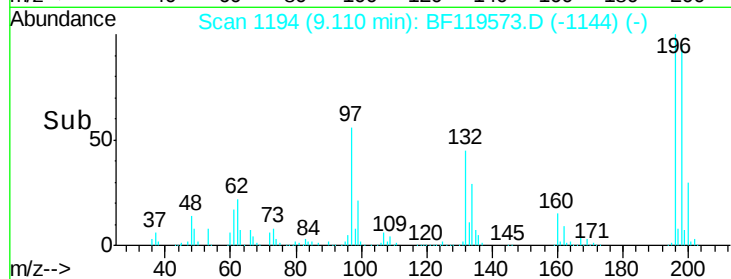
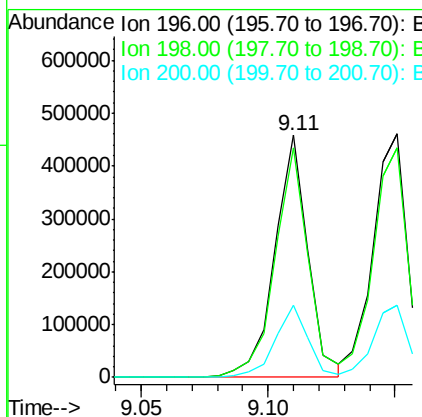
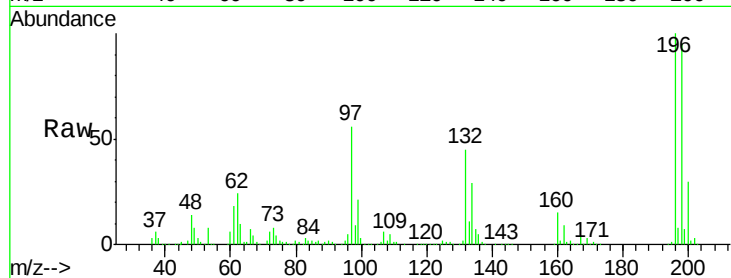




#43
 2,4,6-Trichlorophenol
 Concen: 35.44 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

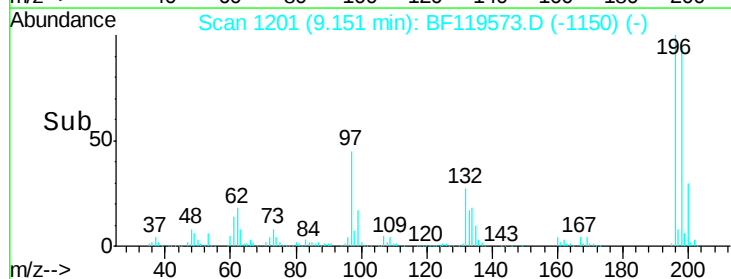
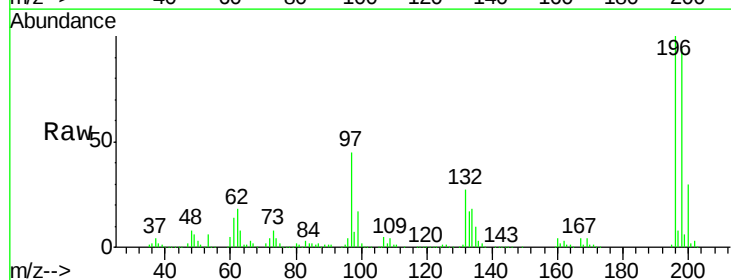
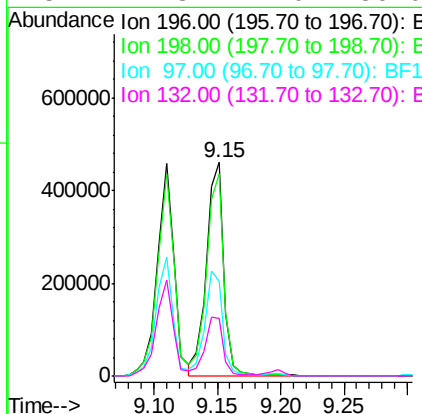
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

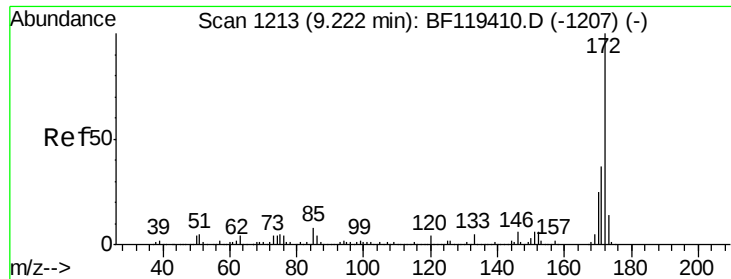
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	115.0
200	29.8	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 33.37 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	73.8	110.8
97	44.6	42.6	63.8
132	27.3	24.0	36.0

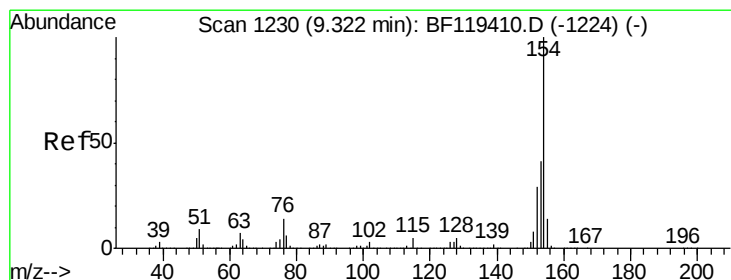
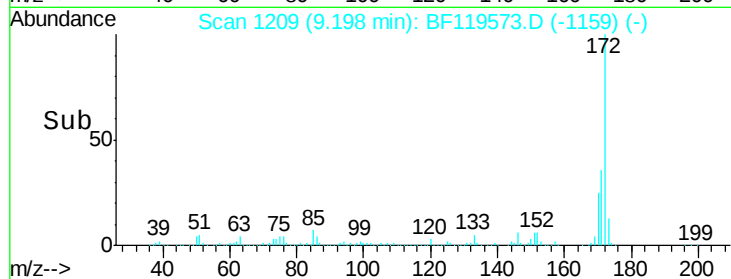
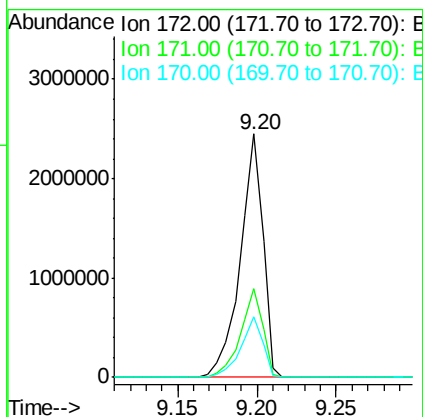
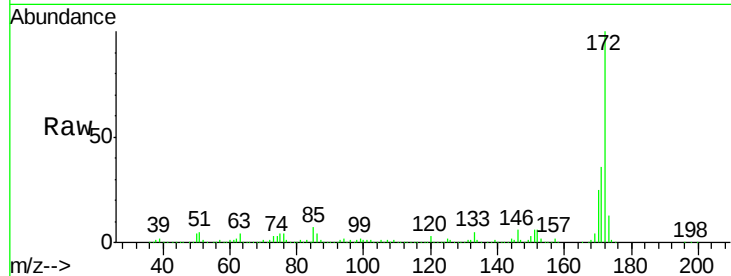




#45
 2-Fluorobiphenyl
 Concen: 63.31 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

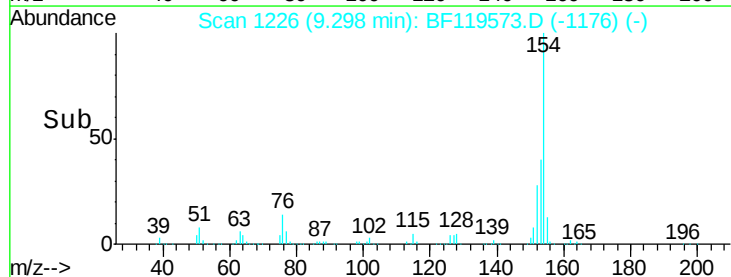
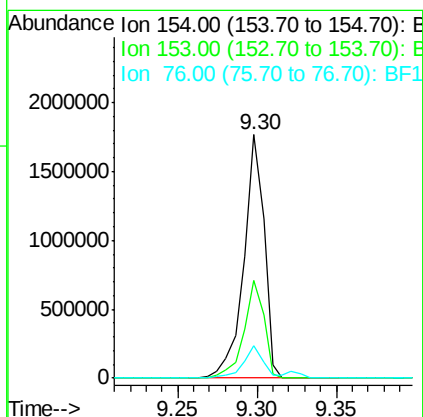
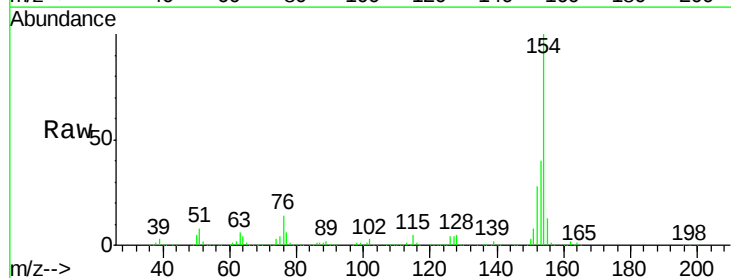
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

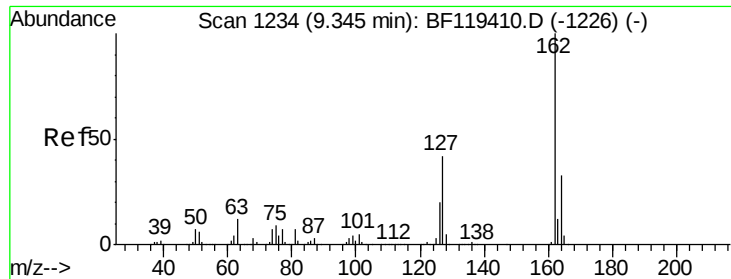
Tgt Ion:172 Resp: 2418548
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 33.83 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:154 Resp: 1559294
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.4 61.4
 76 13.6 0.0 33.0

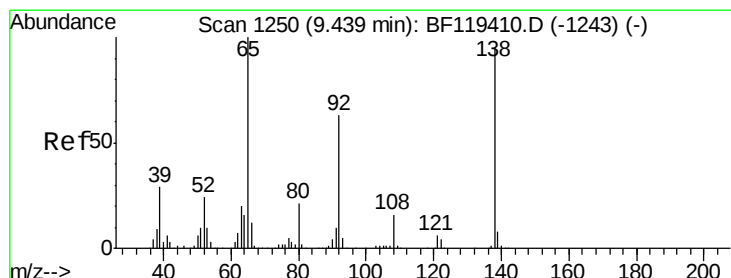
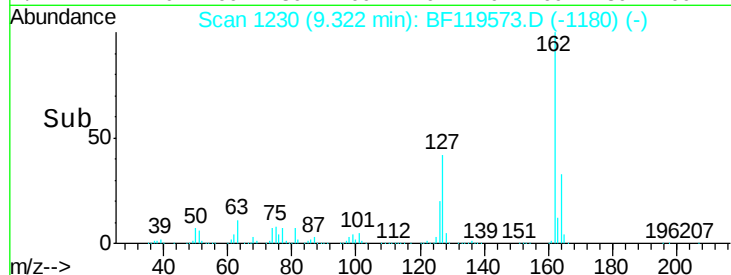
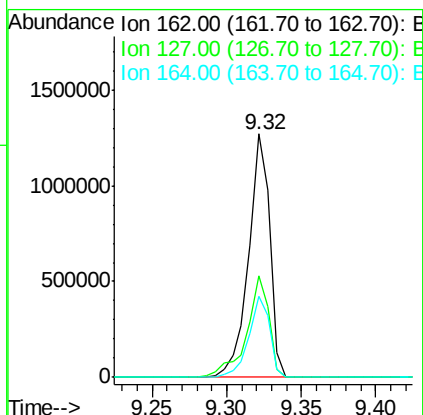
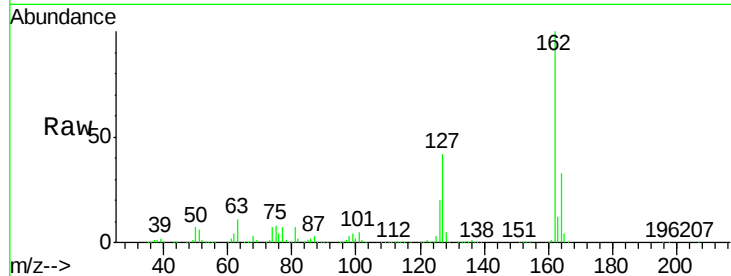




#47
 2-Chloronaphthalene
 Concen: 34.26 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

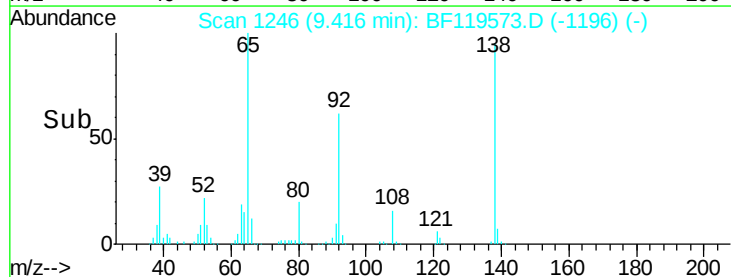
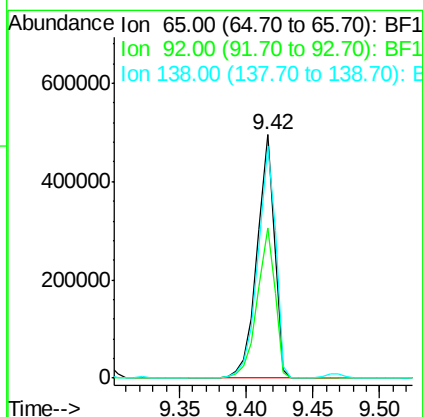
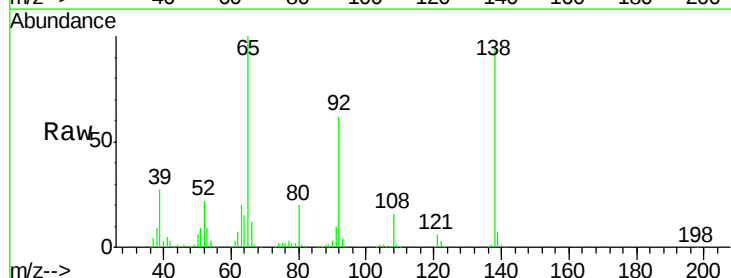
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

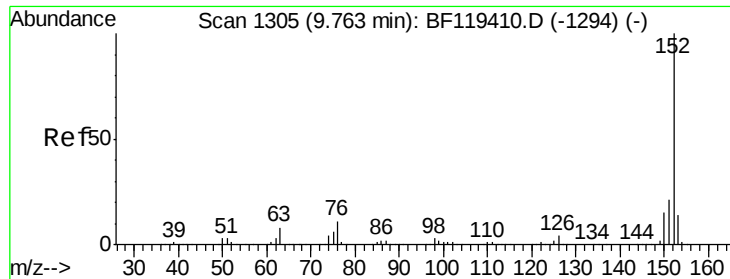
Tgt Ion: 162 Resp: 1237121
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.7 50.5
 164 33.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 35.41 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion: 65 Resp: 441332
 Ion Ratio Lower Upper
 65 100
 92 61.8 50.0 75.0
 138 95.1 75.0 112.4





#49

Acenaphthylene

Concen: 32.94 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

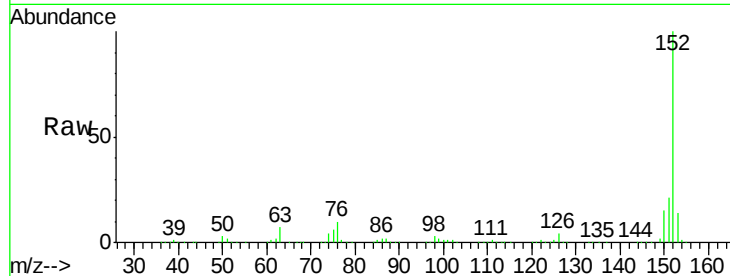
Tgt Ion:152 Resp: 1867645

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

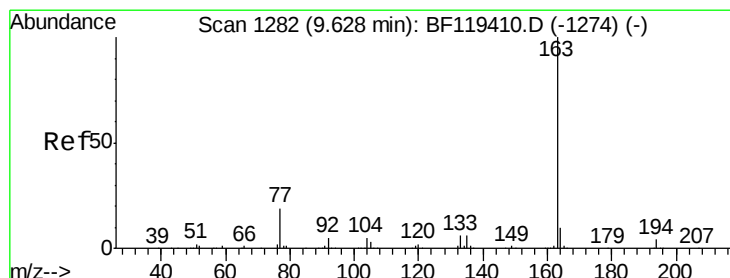
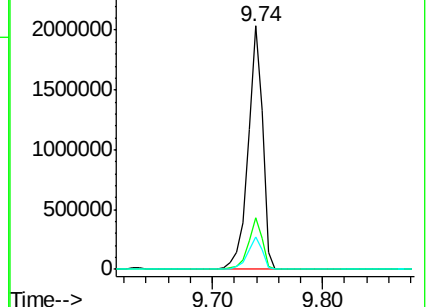
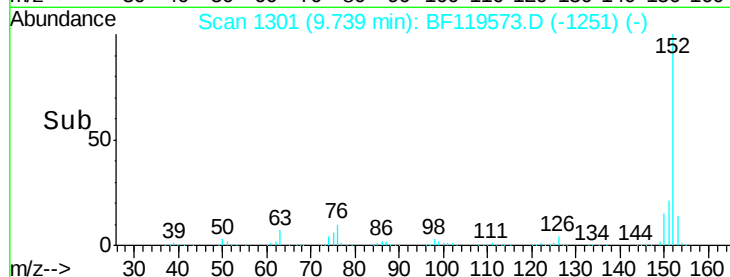
153 13.6 11.2 16.8



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: 34.83 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

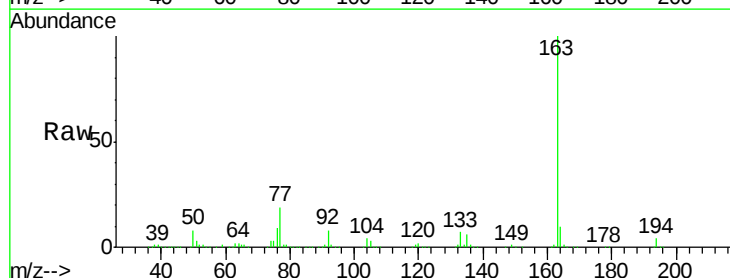
Tgt Ion:163 Resp: 1400067

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

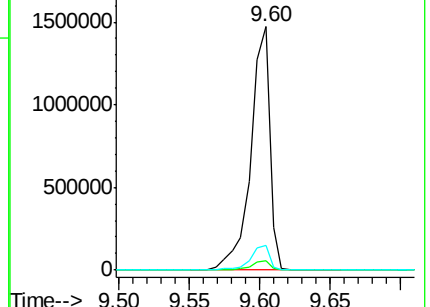
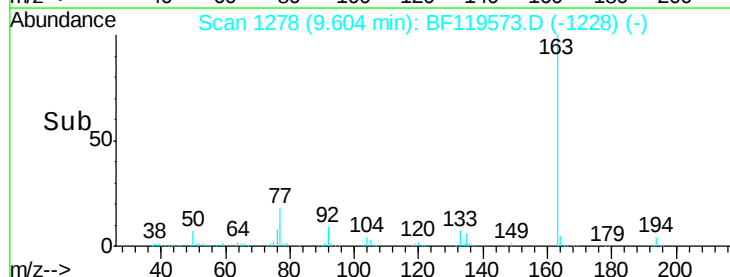
164 10.2 8.2 12.2

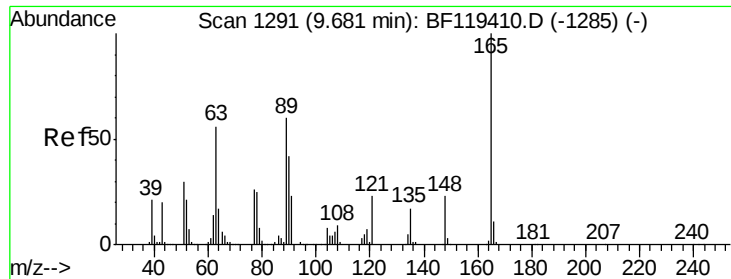


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

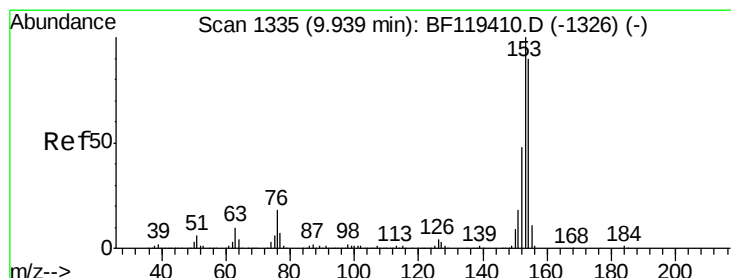
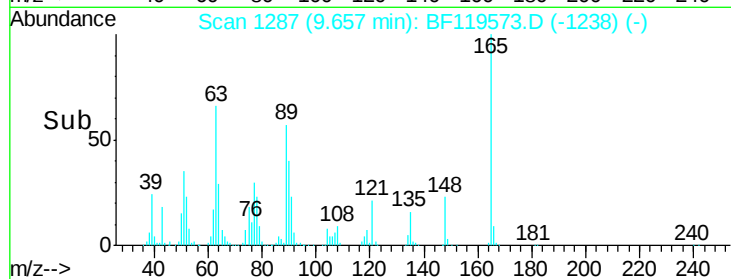
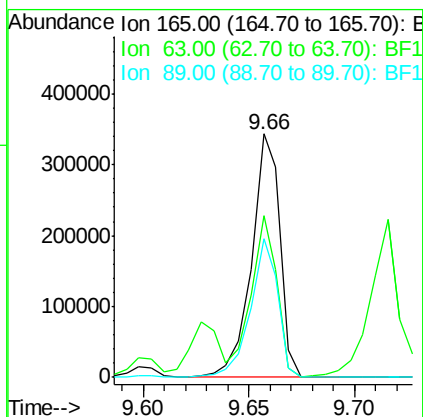
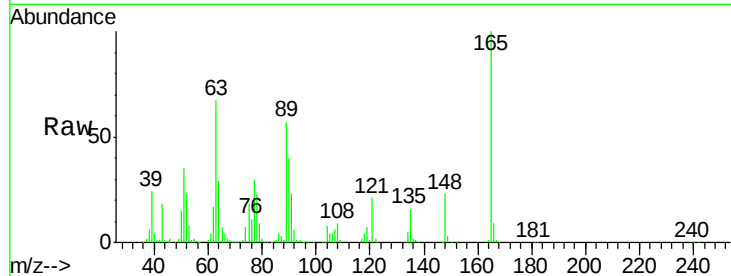




#51
 2,6-Dinitrotoluene
 Concen: 37.25 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

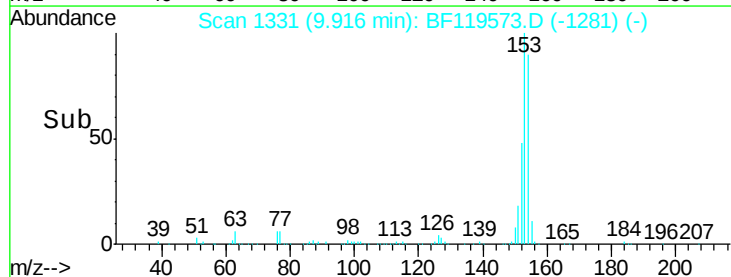
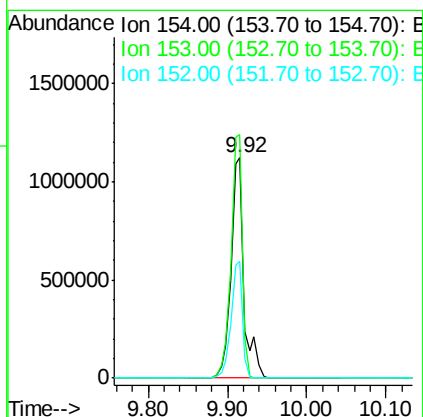
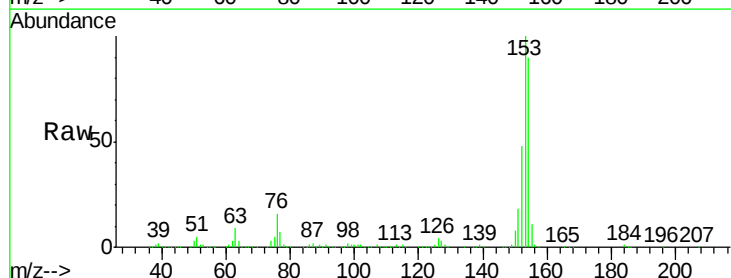
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tgt Ion:165 Resp: 320939
 Ion Ratio Lower Upper
 165 100
 63 66.5 45.0 67.4
 89 56.9 41.5 62.3



#52
 Acenaphthene
 Concen: 36.44 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:154 Resp: 1288091
 Ion Ratio Lower Upper
 154 100
 153 110.7 88.1 132.1
 152 53.2 43.0 64.4

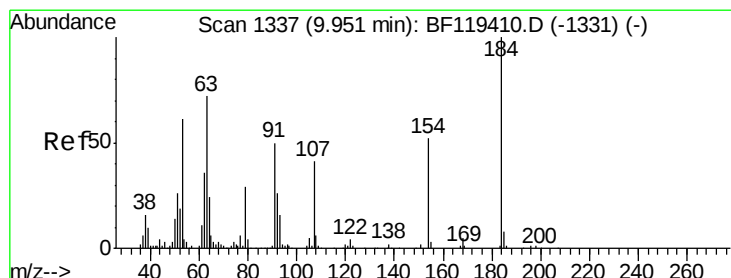
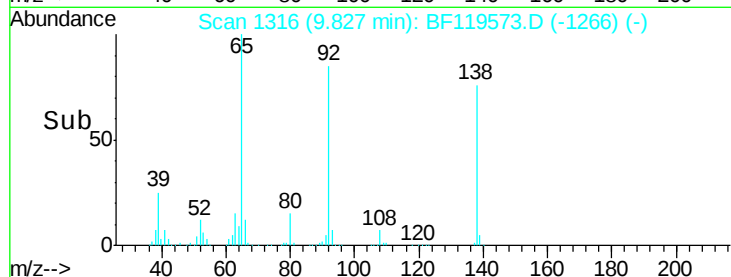
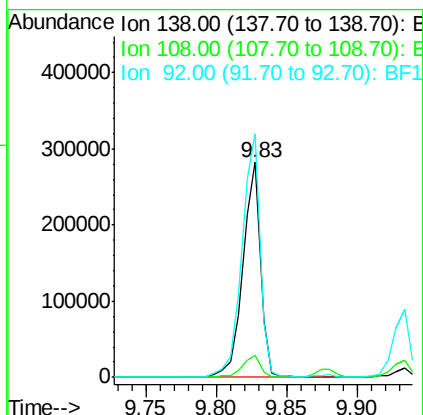
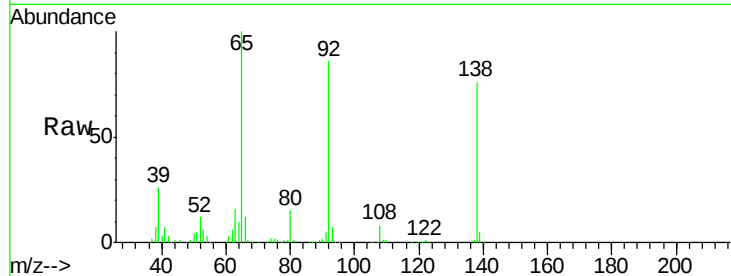




#53
3-Nitroaniline
Concen: 22.63 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

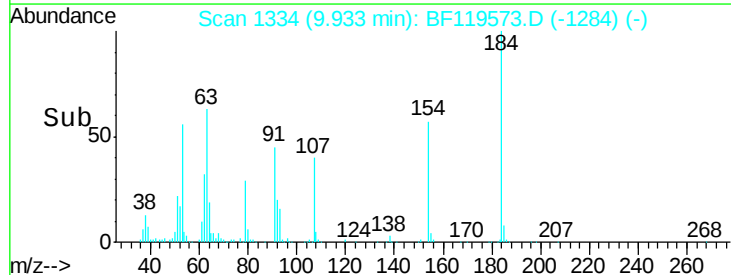
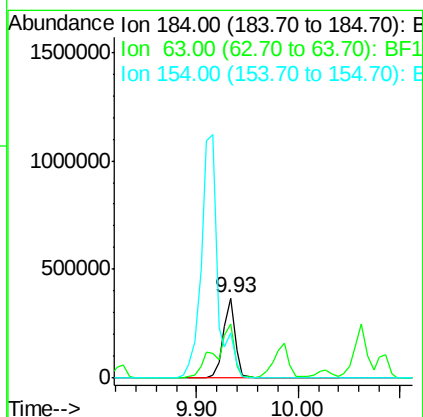
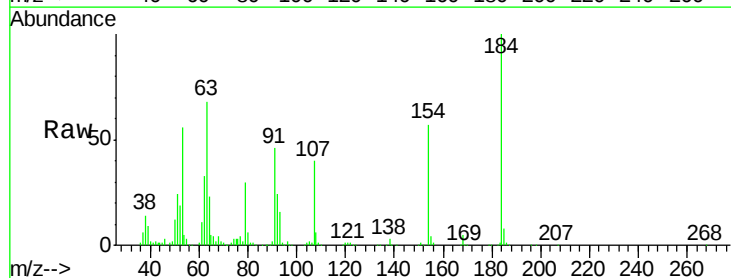
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

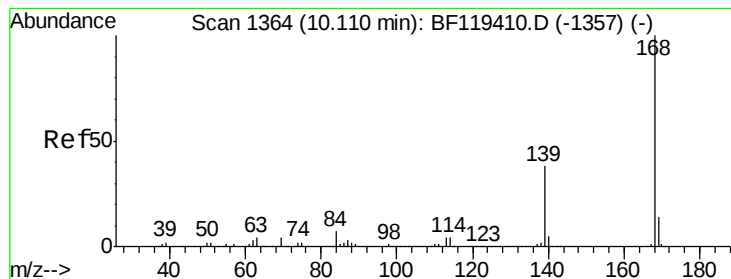
Tgt Ion:138 Resp: 246213
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 113.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 81.12 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:184 Resp: 302842
Ion Ratio Lower Upper
184 100
63 68.3 50.2 75.4
154 56.9 44.5 66.7





#55

Dibenzenofuran

Concen: 34.96 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

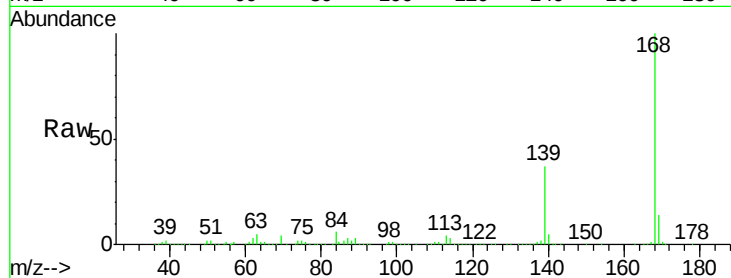
Tgt Ion:168 Resp: 1771874

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

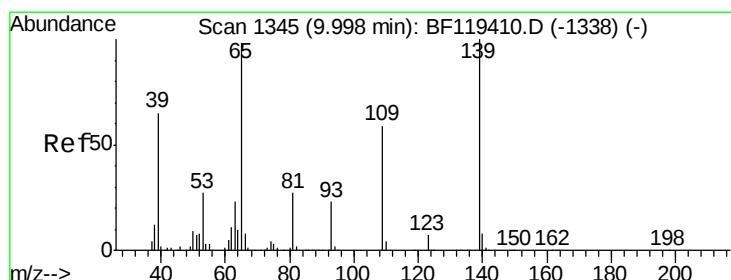
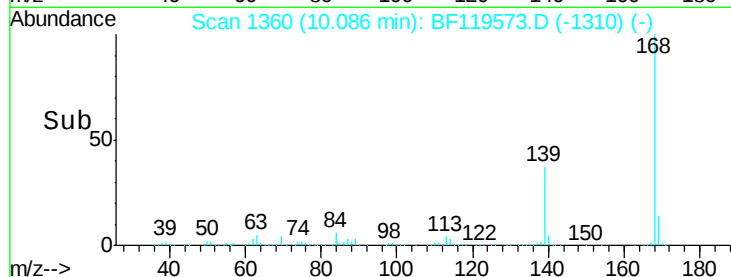
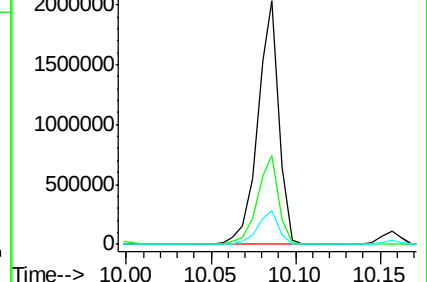
169 13.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 63.63 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

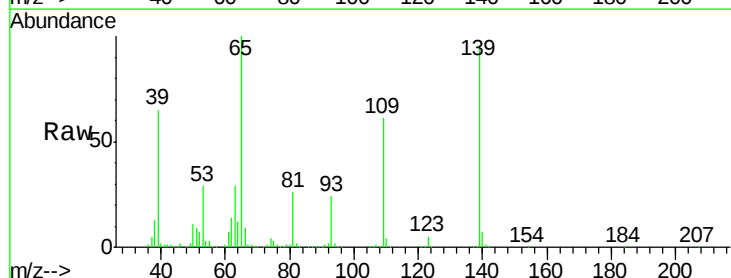
Tgt Ion:139 Resp: 546029

Ion Ratio Lower Upper

139 100

109 63.7 43.3 83.3

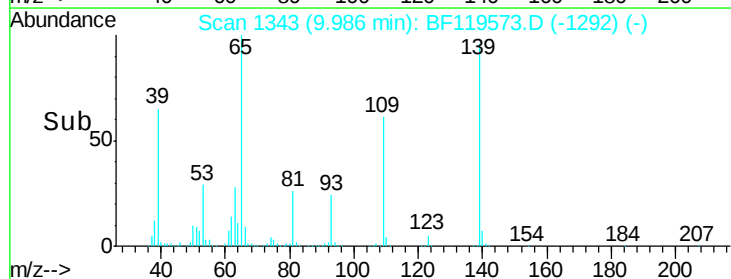
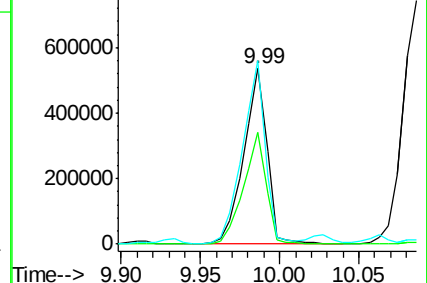
65 104.5 91.0 131.0

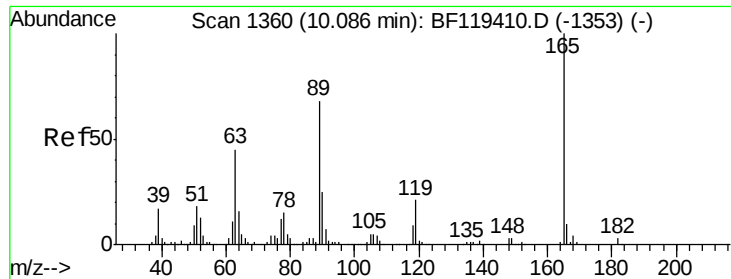


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

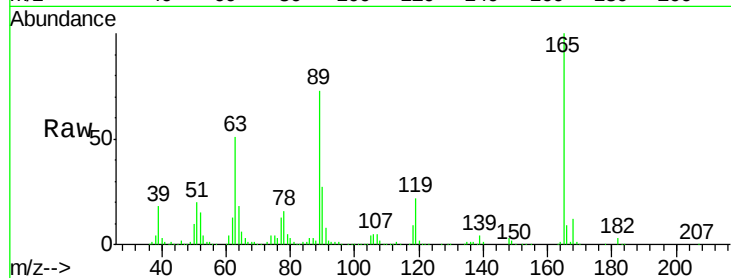




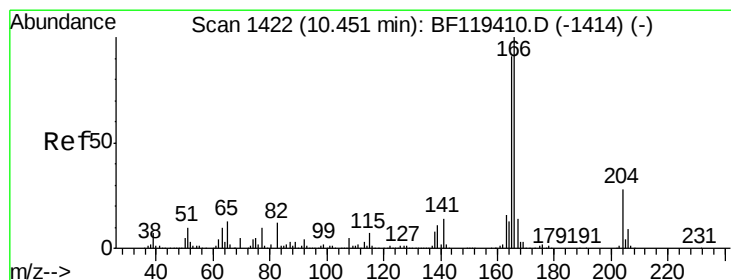
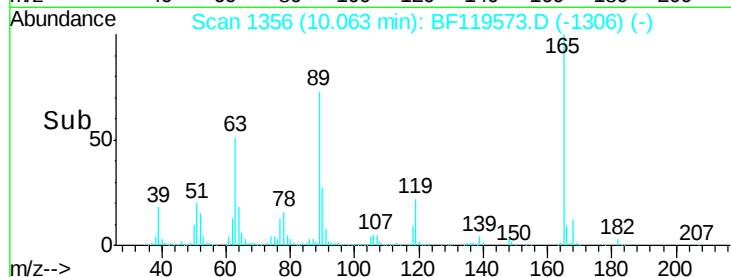
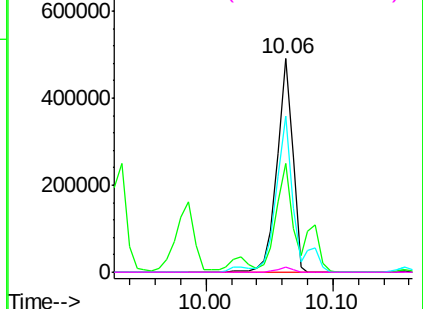
#57
2,4-Dinitrotoluene
Concen: 38.75 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tgt Ion:165 Resp: 420626
Ion Ratio Lower Upper
165 100
63 51.2 42.6 64.0
89 73.0 61.0 91.4
182 2.5 2.2 3.2

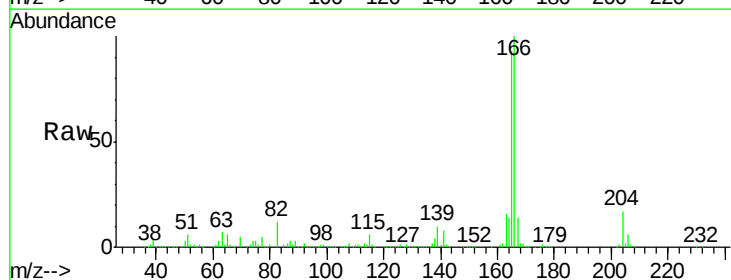


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

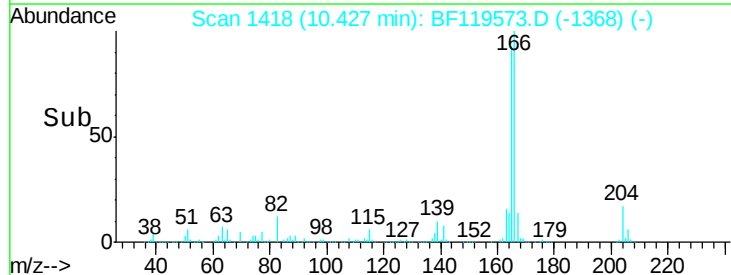
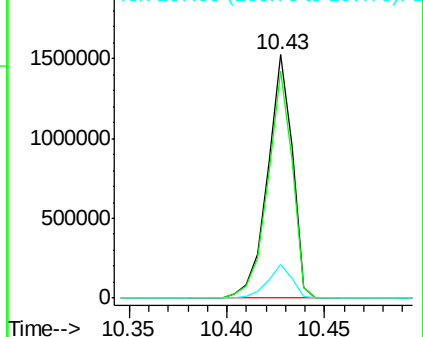


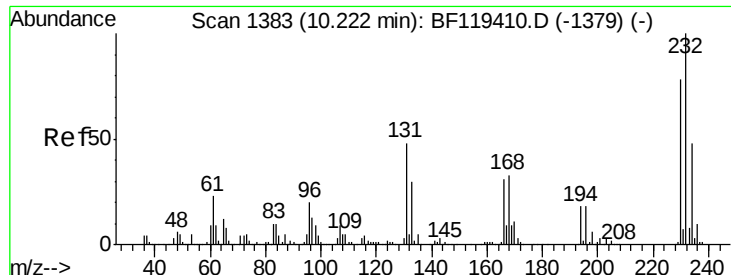
#58
Fluorene
Concen: 35.66 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:166 Resp: 1336311
Ion Ratio Lower Upper
166 100
165 93.3 75.4 113.2
167 14.1 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

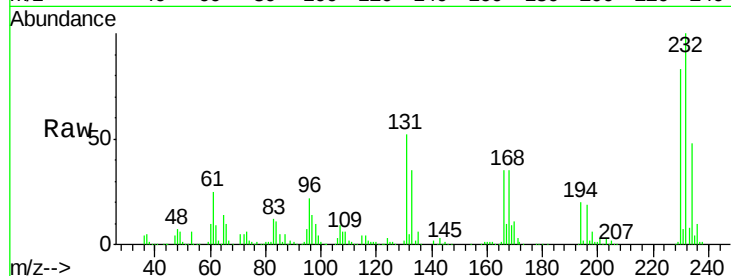




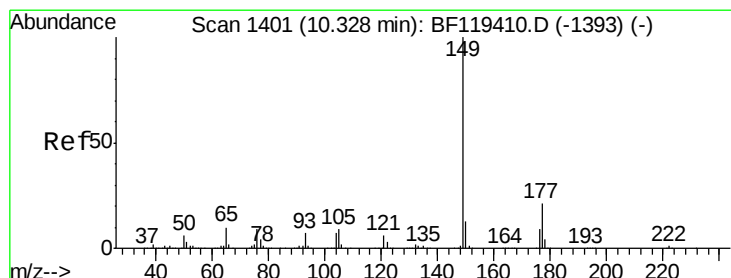
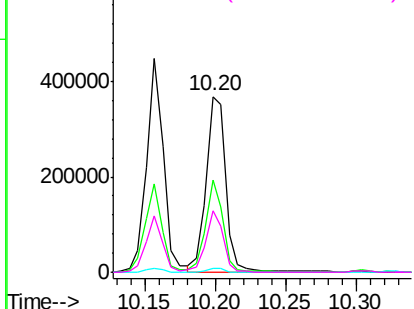
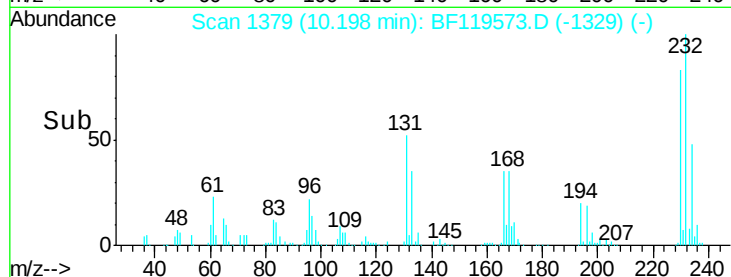
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.64 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tgt Ion: 232 Resp: 354309
 Ion Ratio Lower Upper
 232 100
 131 47.8 37.5 56.3
 130 2.0 1.8 2.6
 166 31.7 24.6 36.8

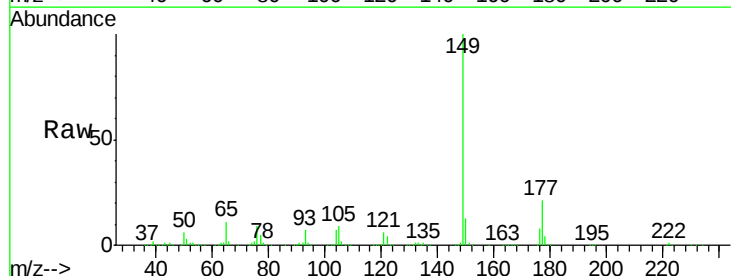


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

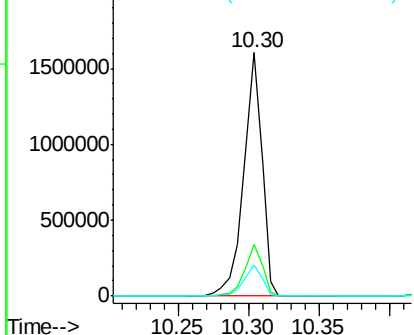
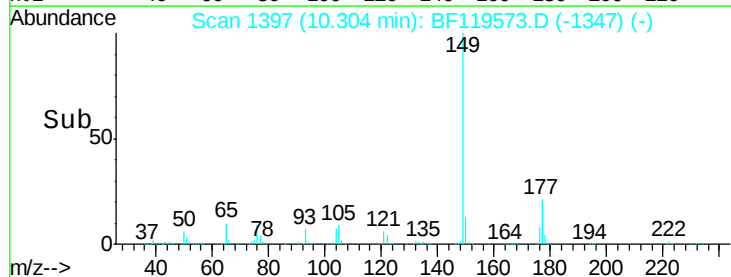


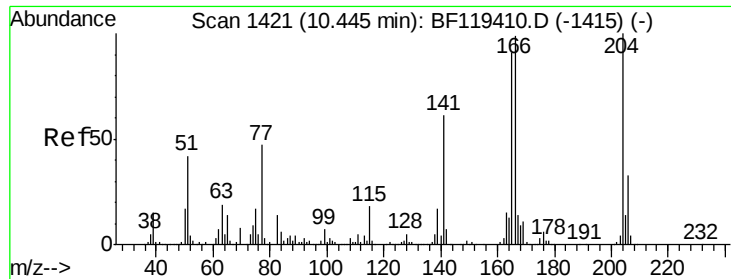
#60
 Diethylphthalate
 Concen: 35.63 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion: 149 Resp: 1453489
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.0 25.6
 150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

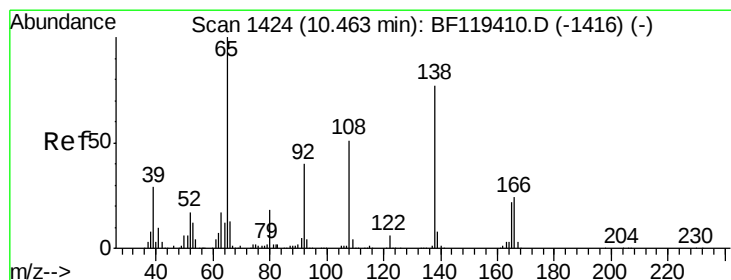
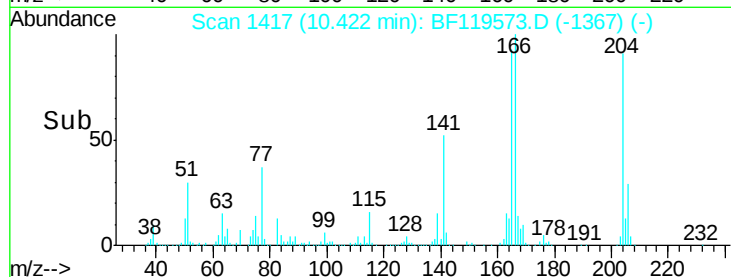
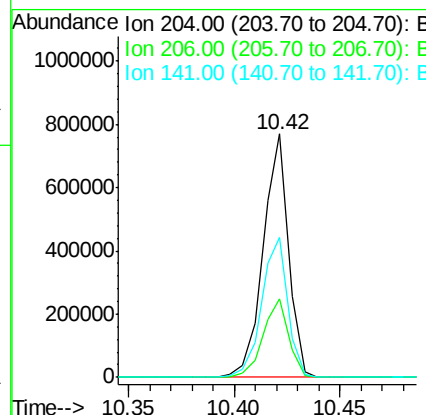
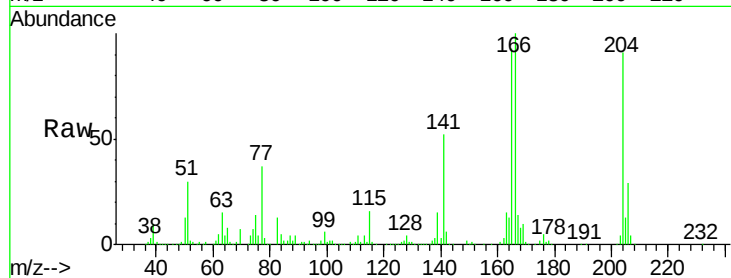




#61
 4-Chlorophenyl-phenylether
 Concen: 35.14 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

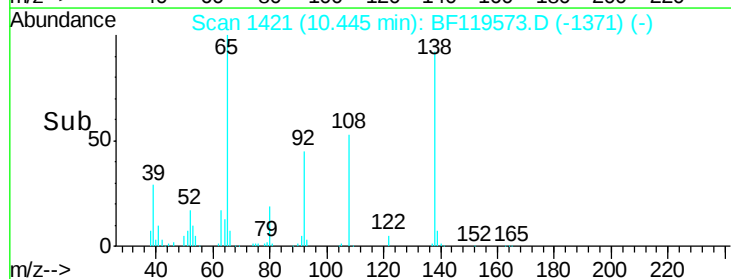
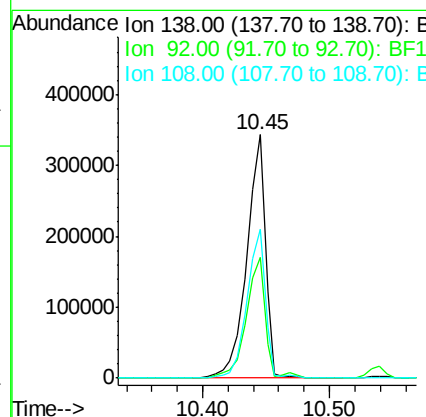
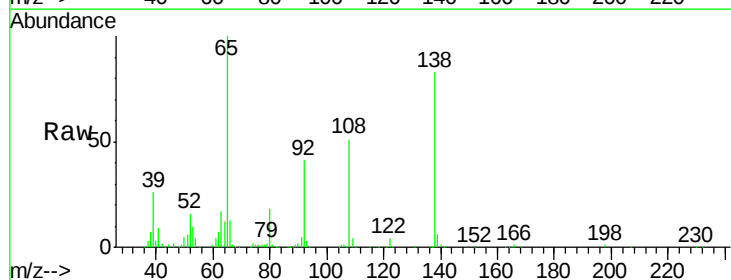
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

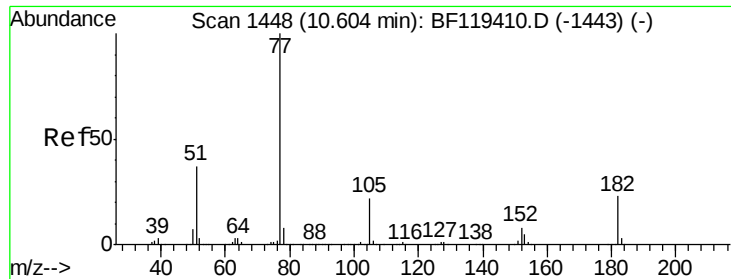
Tgt Ion:204 Resp: 643897
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.7 40.1
 141 57.3 47.3 70.9



#62
 4-Nitroaniline
 Concen: 33.60 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:138 Resp: 350469
 Ion Ratio Lower Upper
 138 100
 92 49.7 31.5 71.5
 108 61.0 45.8 85.8

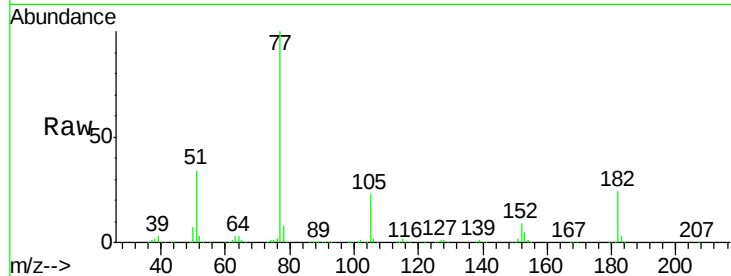




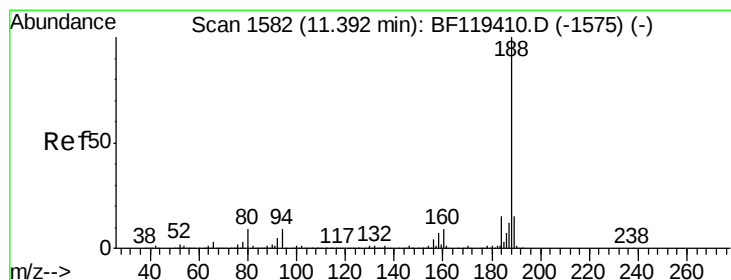
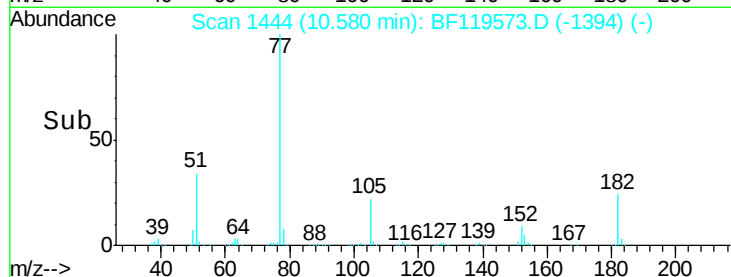
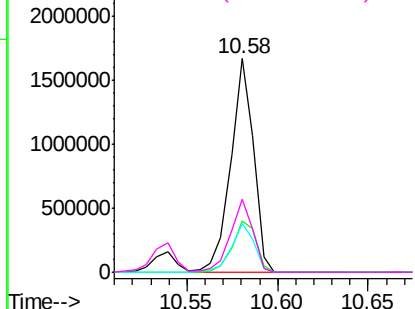
#63
Azobenzene
Concen: 35.56 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tgt Ion: 77 Resp: 1461058
Ion Ratio Lower Upper
77 100
182 23.7 4.4 44.4
105 22.8 2.6 42.6
51 34.1 15.1 55.1

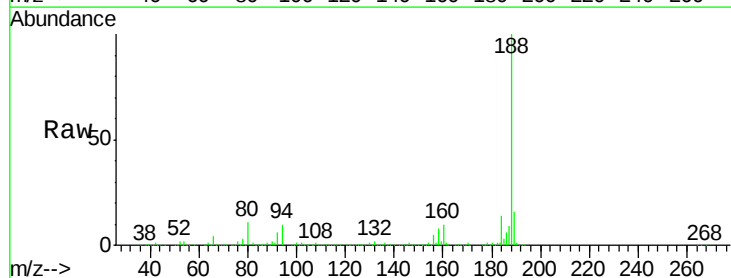


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

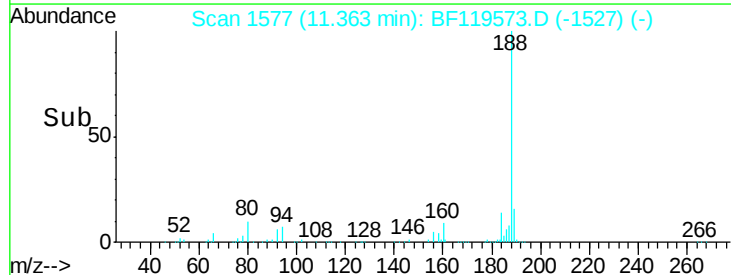
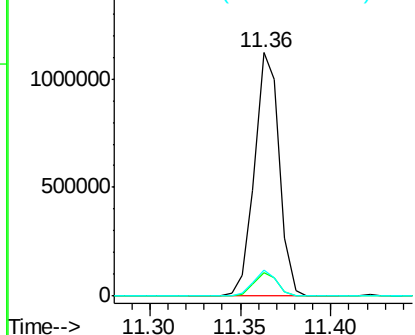


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion: 188 Resp: 1067755
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.7 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
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: 46.86 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

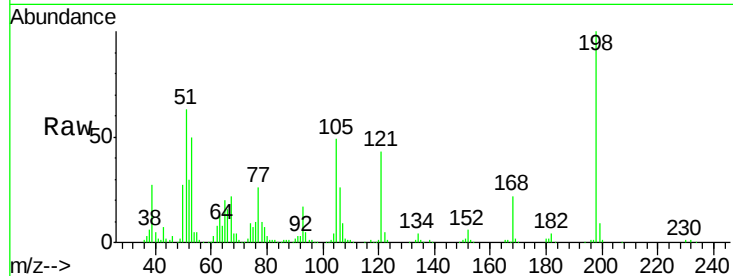
Tgt Ion:198 Resp: 209809

Ion Ratio Lower Upper

198 100

51 62.8 29.0 69.0

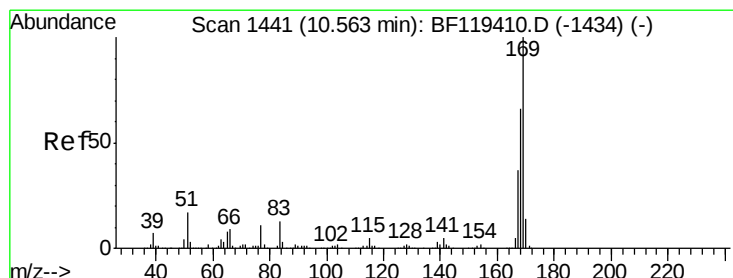
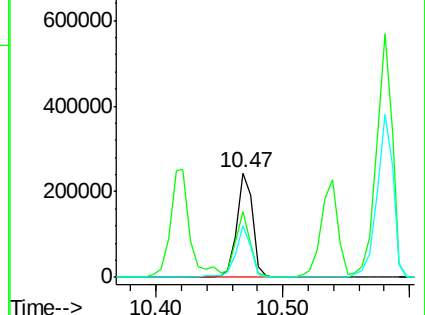
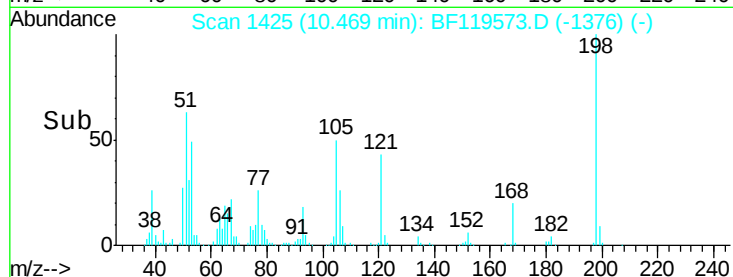
105 49.4 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.76 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

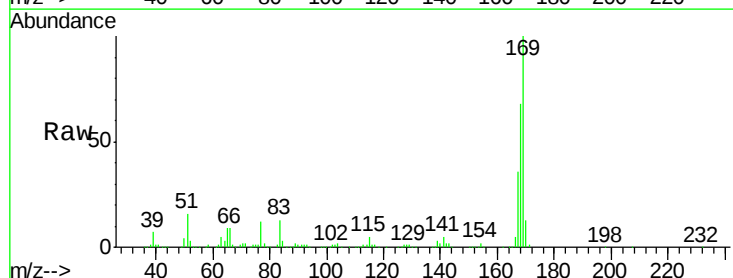
Tgt Ion:169 Resp: 1253443

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

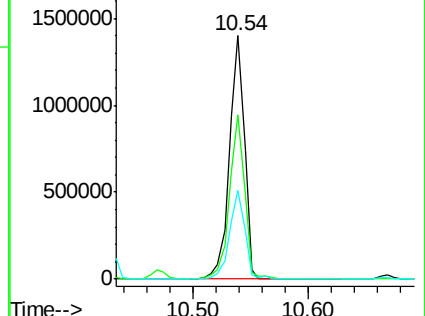
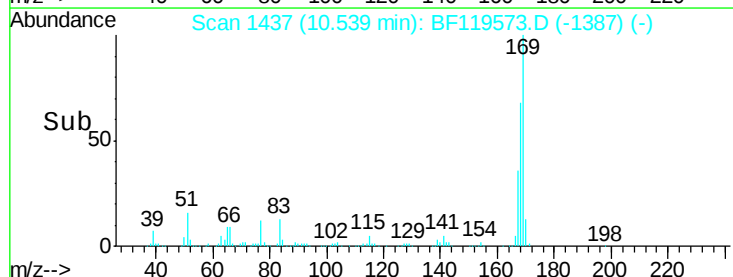
167 36.4 29.1 43.7

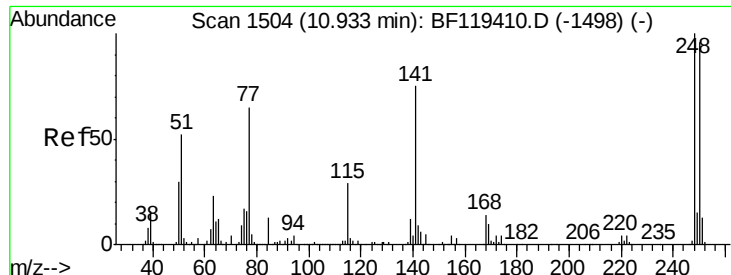


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

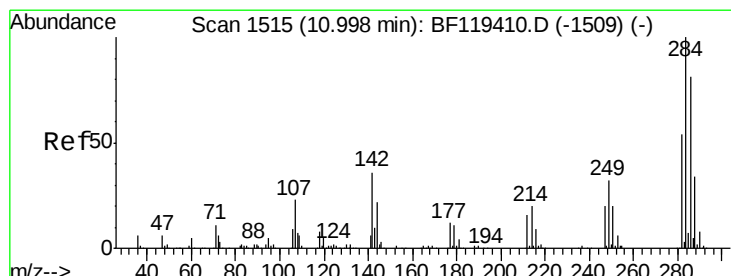
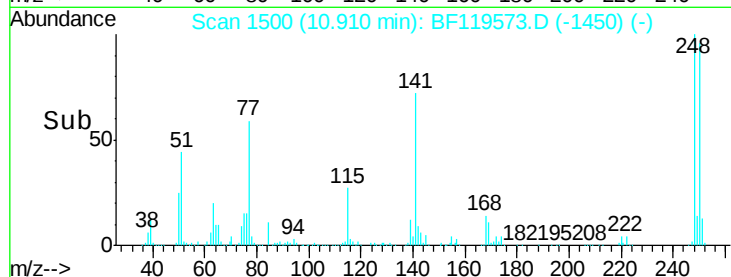
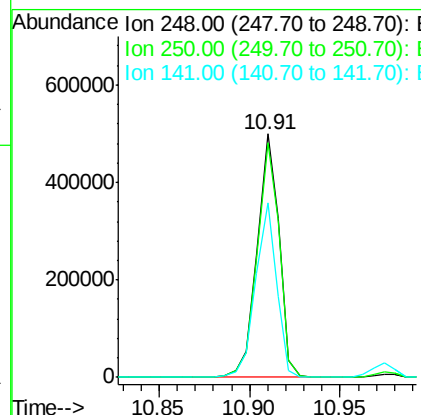
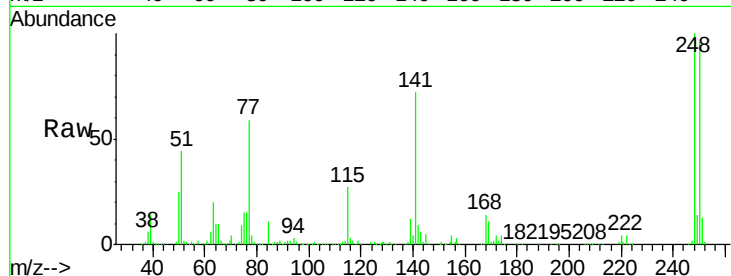




#67
 4-Bromophenyl-phenylether
 Concen: 34.42 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

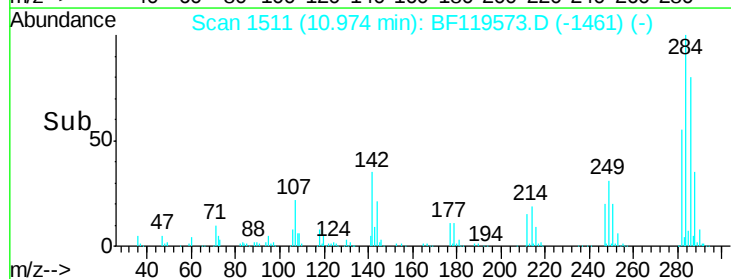
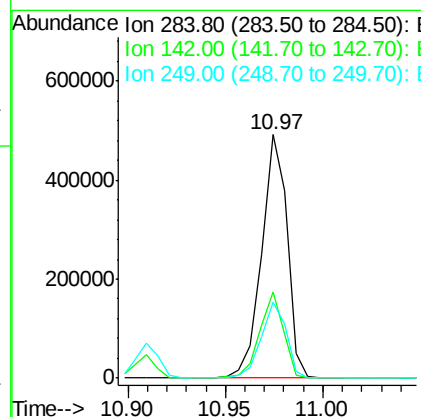
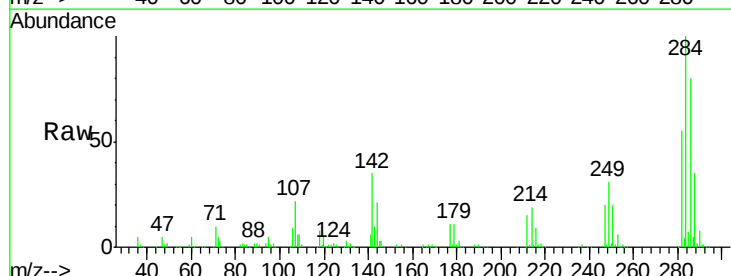
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

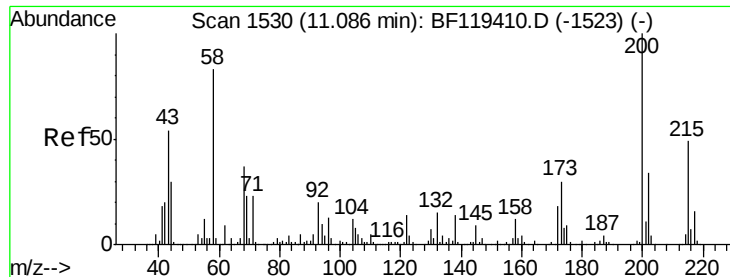
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.3	115.9
141	71.5	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 35.64 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	29.2	43.8
249	31.0	25.1	37.7





#69

Atrazine

Concen: 39.65 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

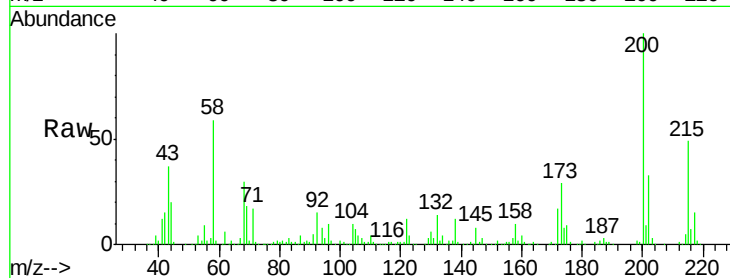
Tgt Ion:200 Resp: 381018

Ion Ratio Lower Upper

200 100

173 28.5 9.3 49.3

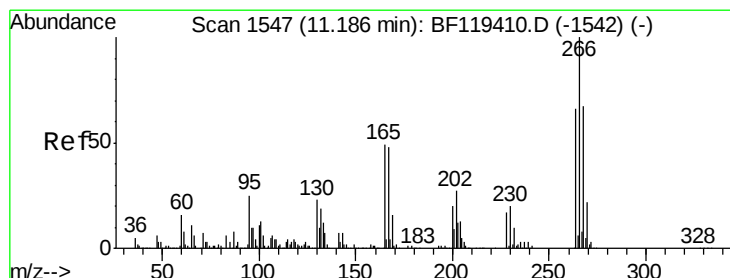
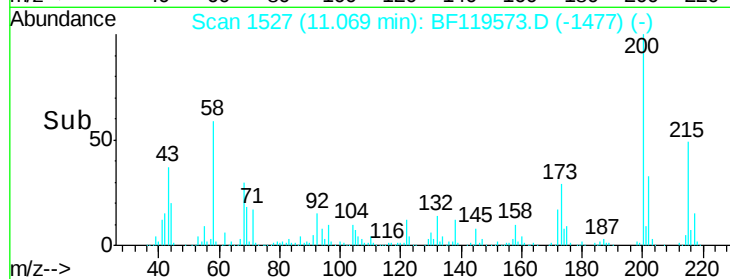
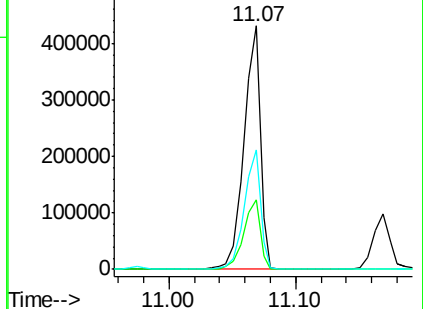
215 48.9 29.5 69.5



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: 68.57 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

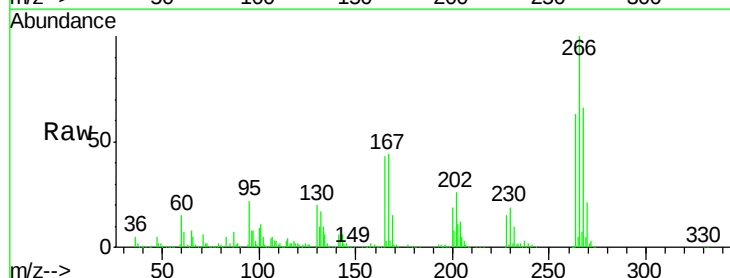
Tgt Ion:266 Resp: 500388

Ion Ratio Lower Upper

266 100

268 66.1 53.3 79.9

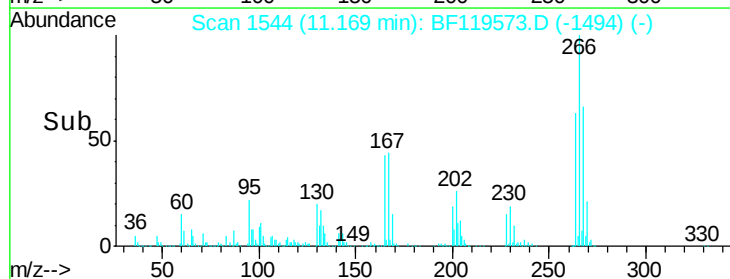
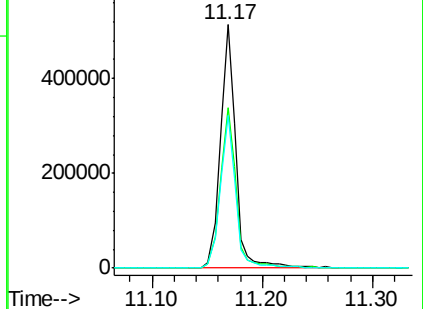
264 62.9 49.0 73.4

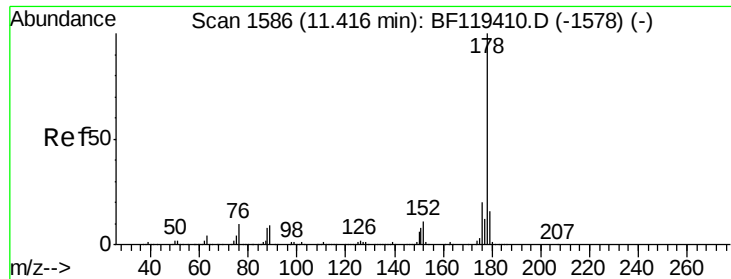


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

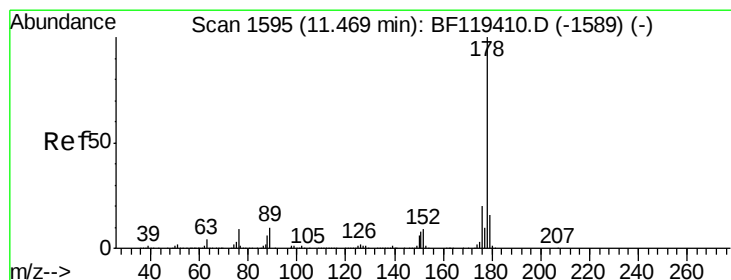
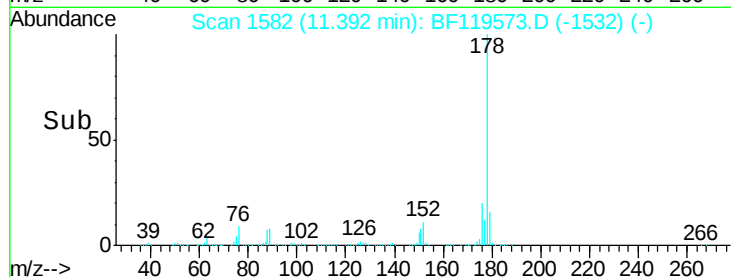
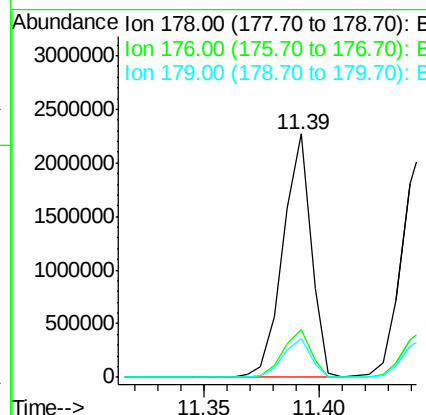
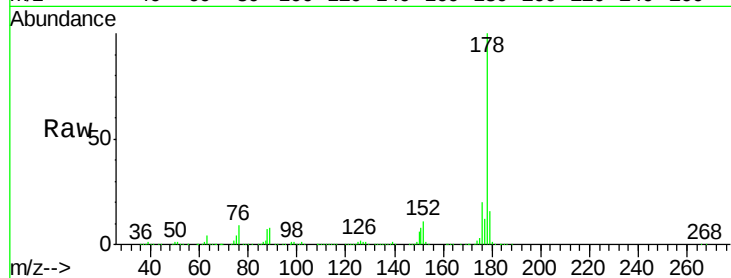




#71
Phenanthrene
Concen: 34.59 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

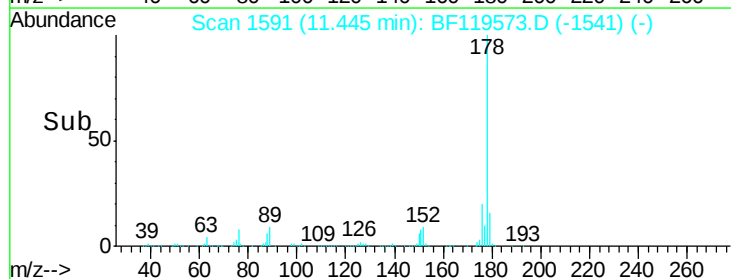
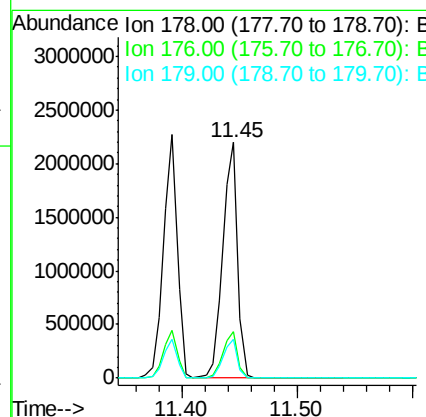
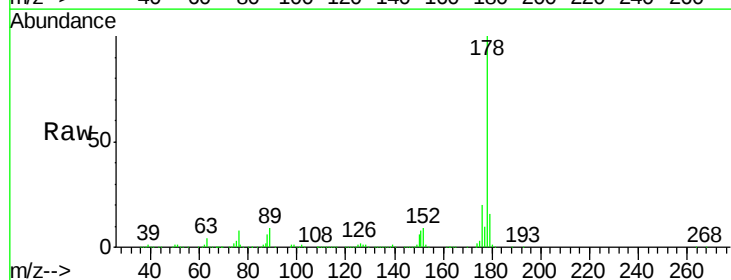
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

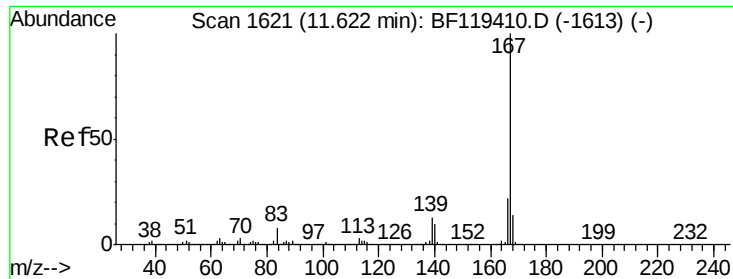
Tgt Ion:178 Resp: 1915227
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.8 13.2 19.8



#72
Anthracene
Concen: 34.44 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:178 Resp: 1937964
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 13.0 19.4

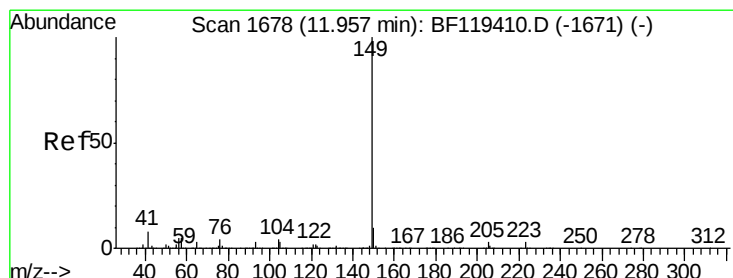
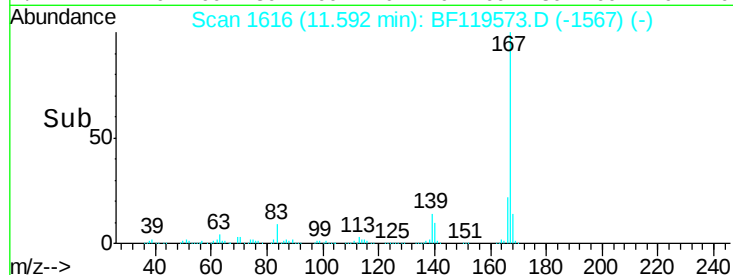
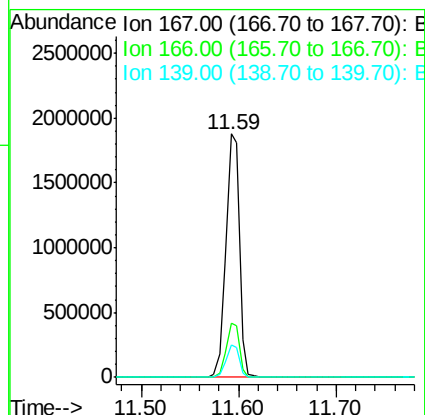
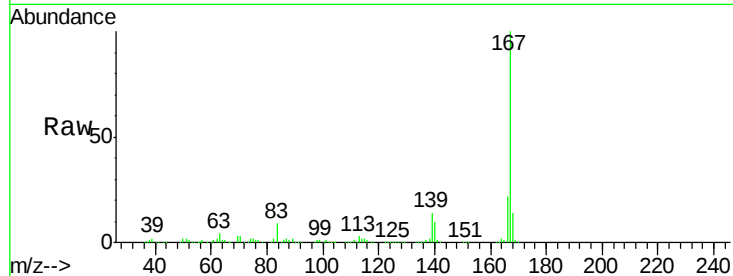




#73
 Carbazole
 Concen: 32.58 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

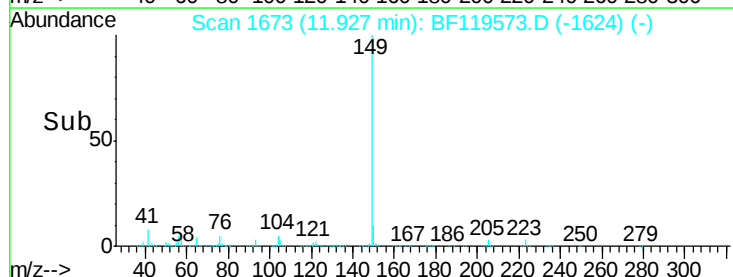
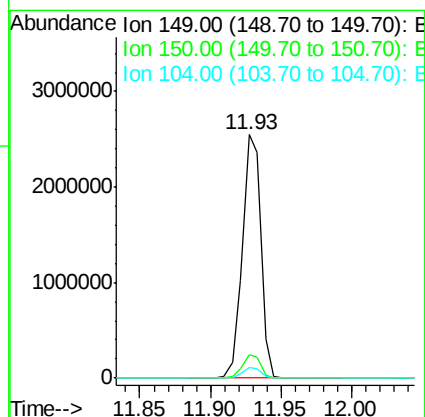
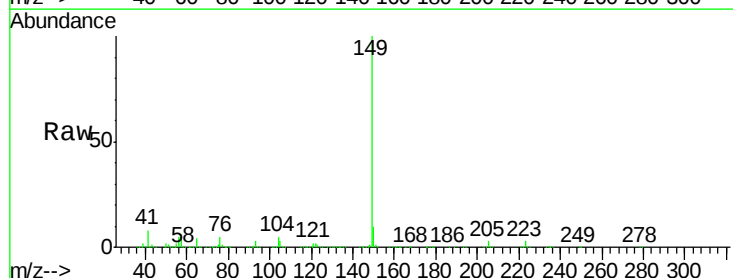
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

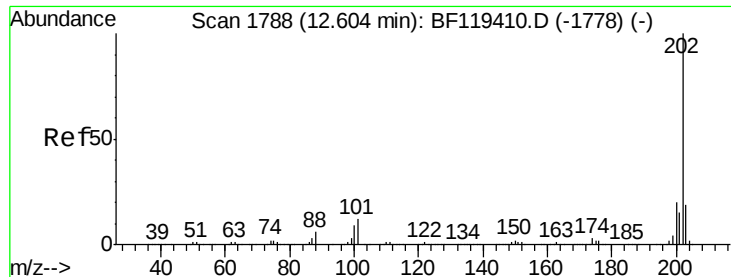
Tgt Ion:167 Resp: 1814626
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 38.83 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:149 Resp: 2313489
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.6 3.6 5.4

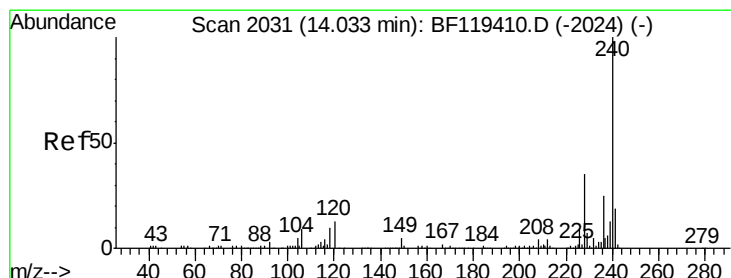
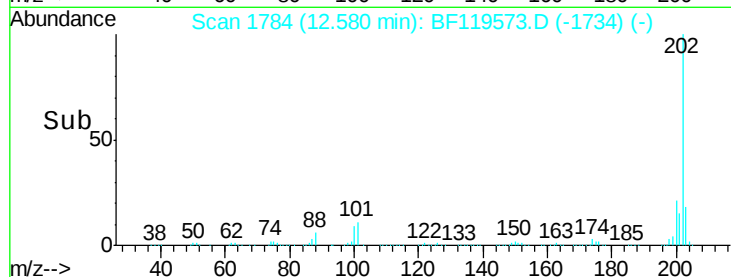
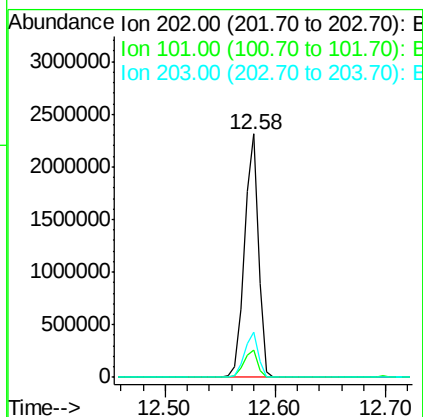
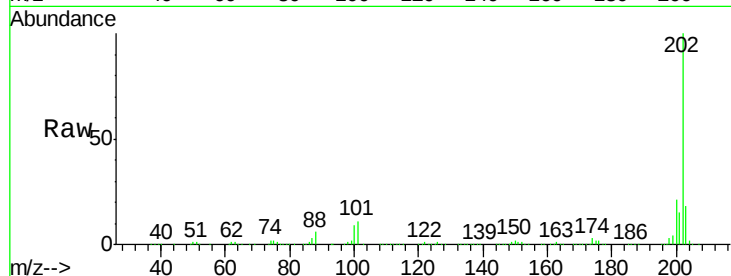




#75
 Fluoranthene
 Concen: 34.27 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

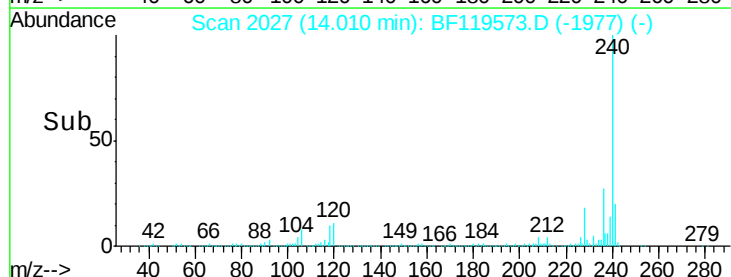
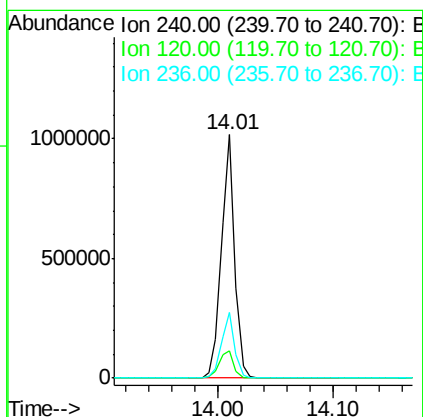
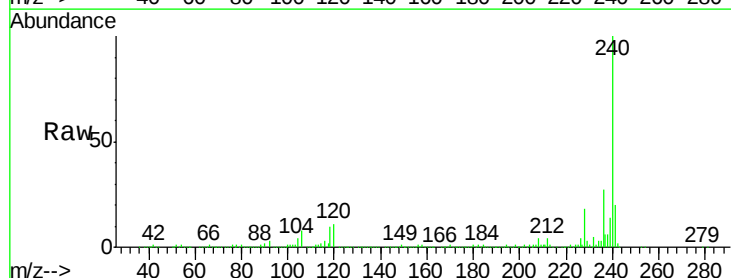
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

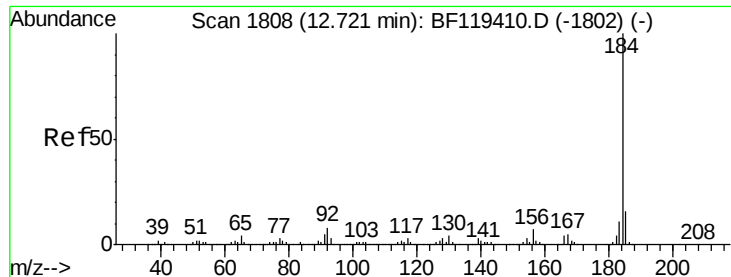
Tgt Ion: 202 Resp: 2053198
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 32.2
 203 18.3 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion: 240 Resp: 812033
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 26.7 20.2 30.2





#77

Benzidine

Concen: 36.99 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

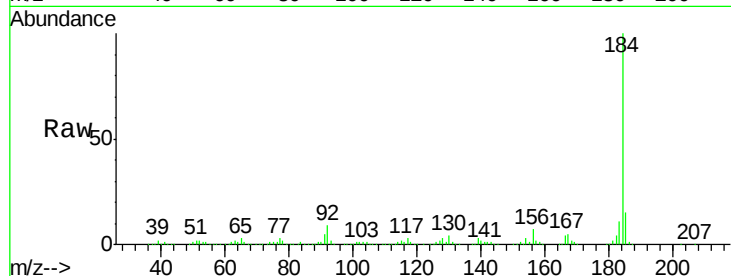
Tgt Ion:184 Resp: 1271322

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

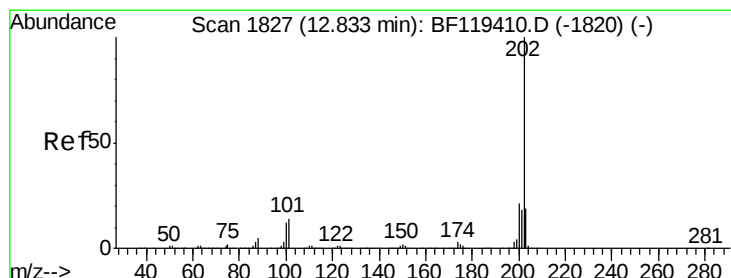
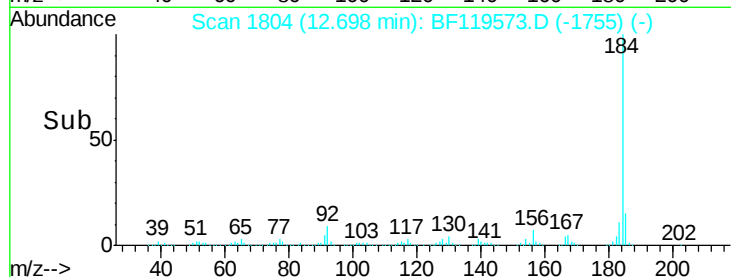
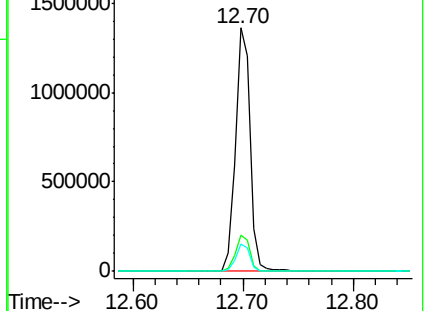
183 11.1 9.0 13.6



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: 31.43 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

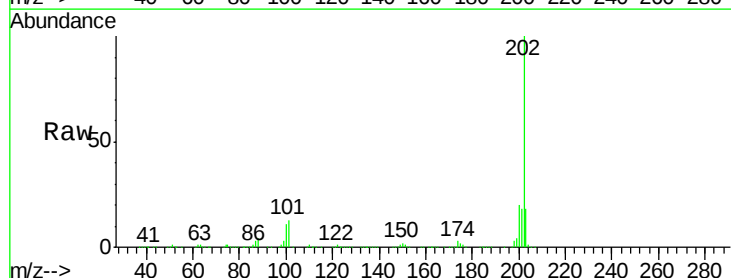
Tgt Ion:202 Resp: 2094466

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

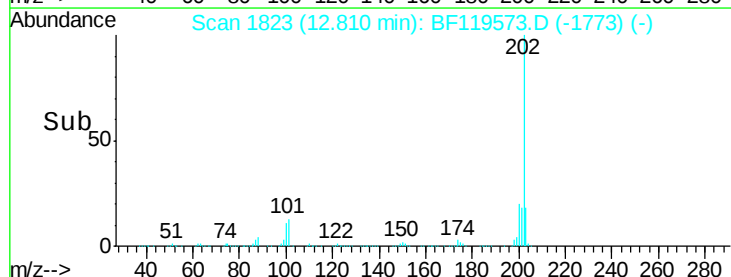
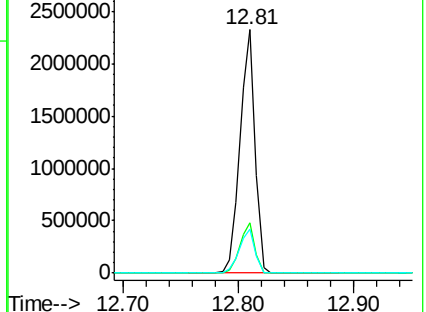
203 18.3 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.23 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

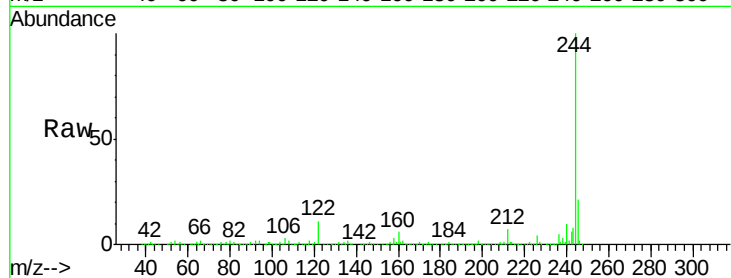
Tgt Ion:244 Resp: 2828056

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

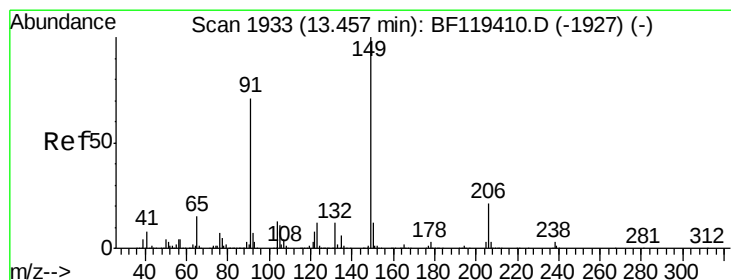
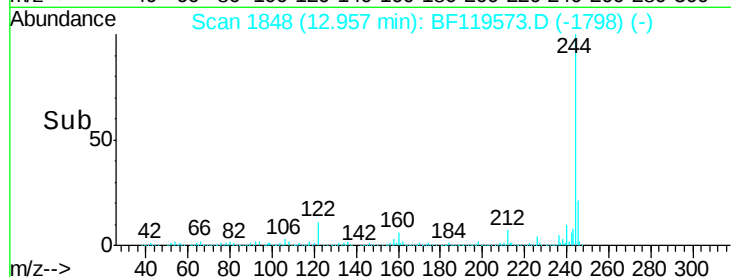
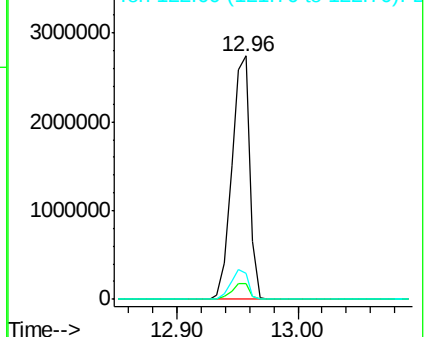
122 10.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.16 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

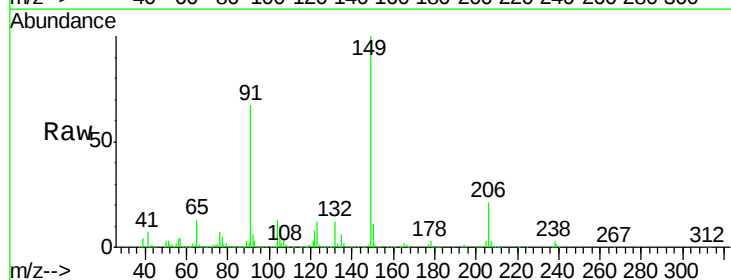
Tgt Ion:149 Resp: 1001716

Ion Ratio Lower Upper

149 100

91 67.0 54.7 82.1

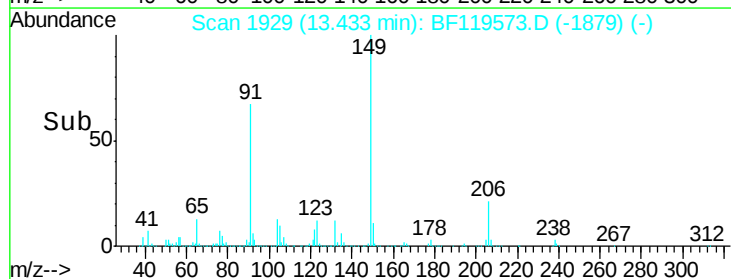
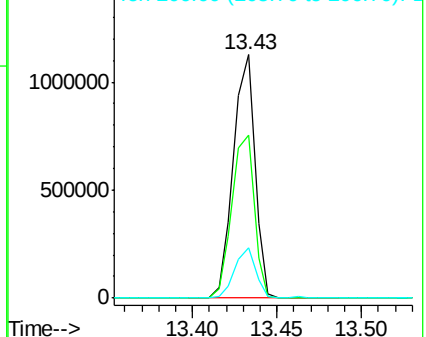
206 20.9 16.2 24.2

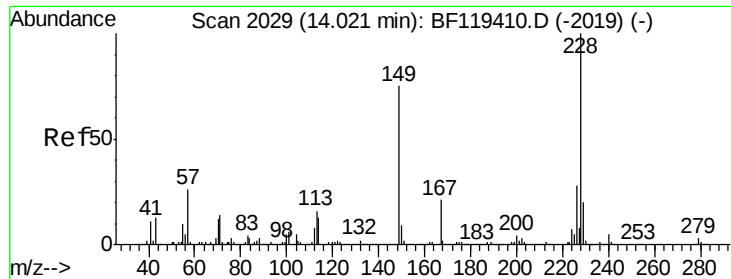


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.10 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

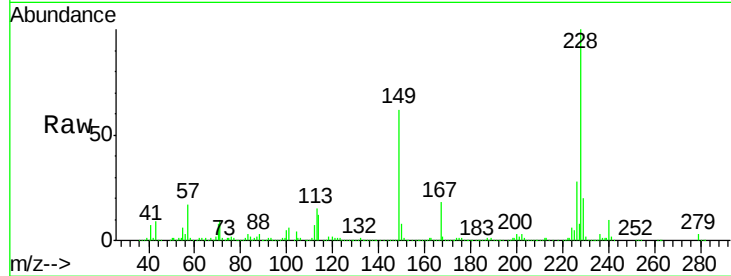
Tgt Ion:228 Resp: 1694981

Ion Ratio Lower Upper

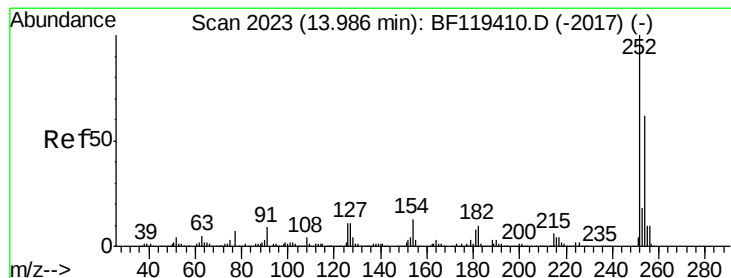
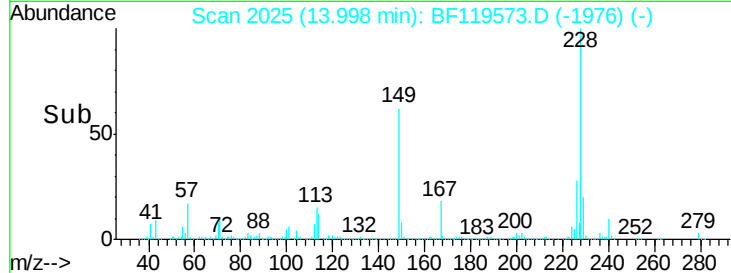
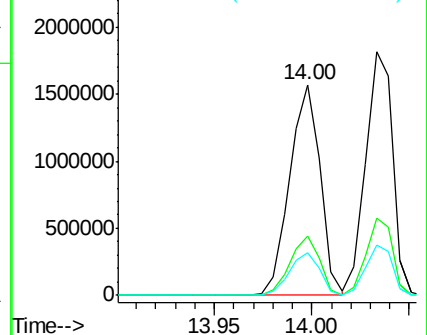
228 100

226 28.0 21.8 32.8

229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.82 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

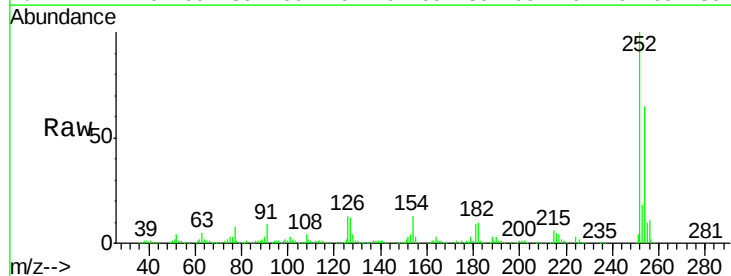
Tgt Ion:252 Resp: 412715

Ion Ratio Lower Upper

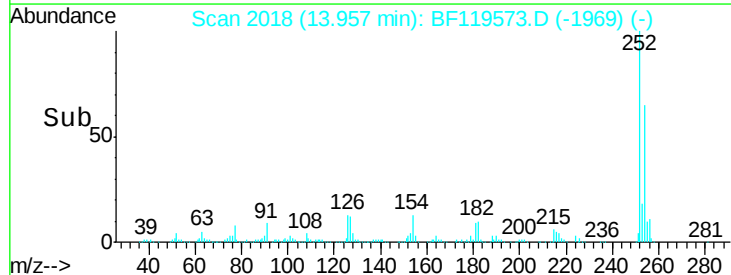
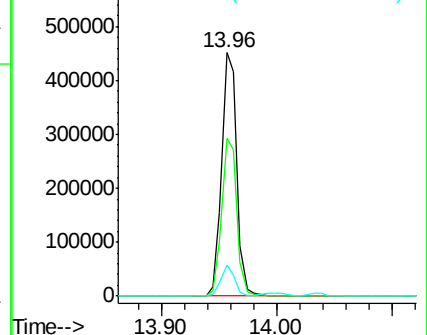
252 100

254 65.1 51.2 76.8

126 12.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 32.04 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

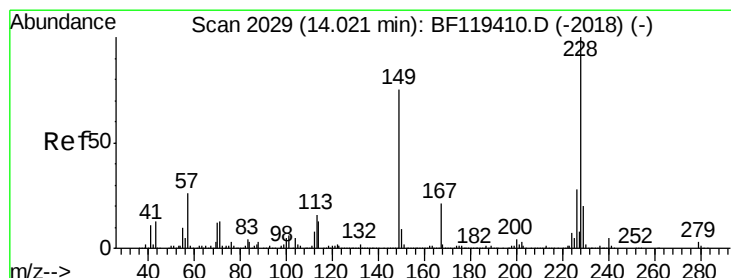
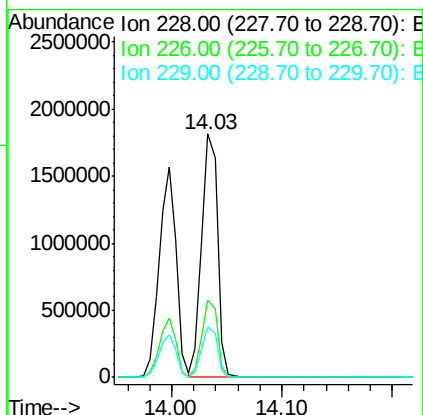
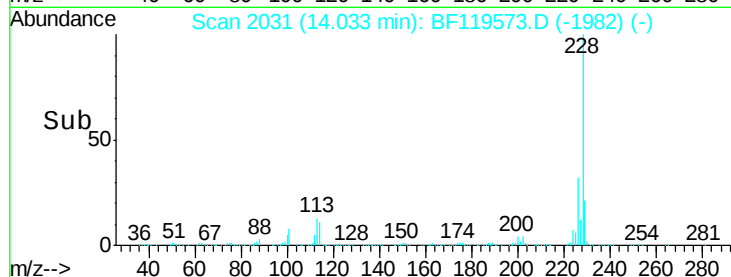
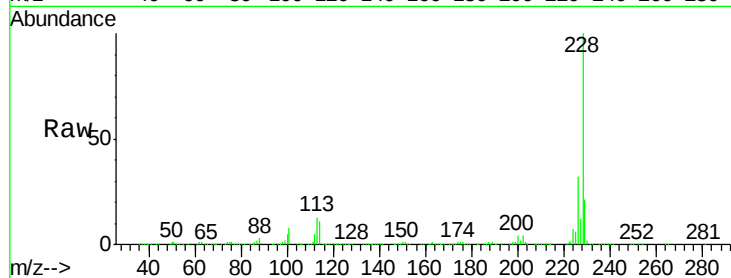
Tgt Ion:228 Resp: 1746110

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

229 20.8 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.47 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

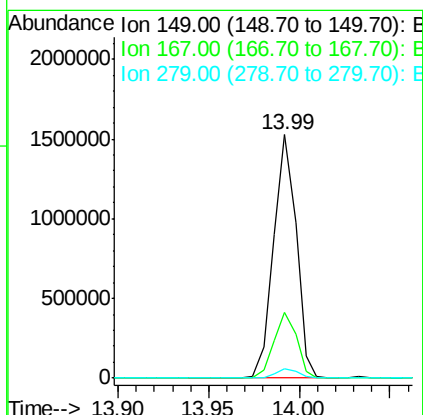
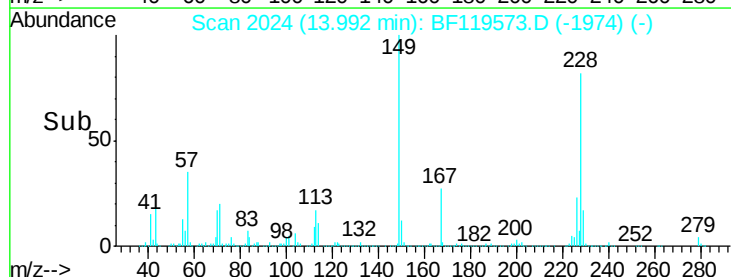
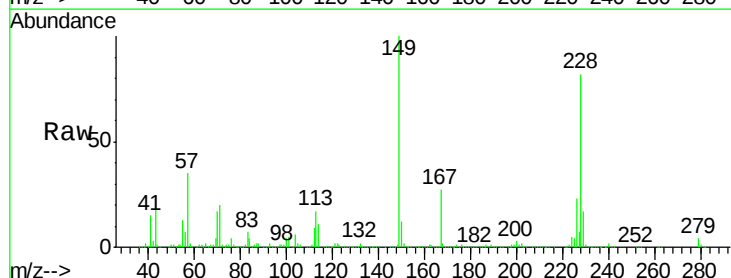
Tgt Ion:149 Resp: 1332650

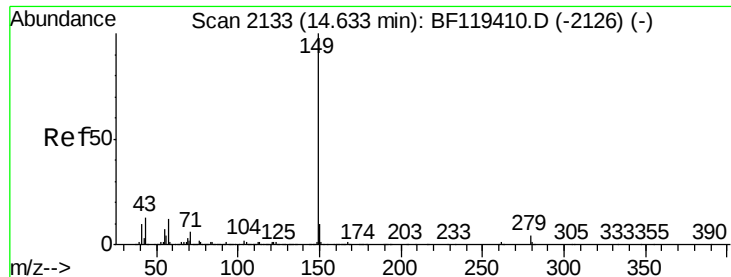
Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 3.6 2.7 4.1

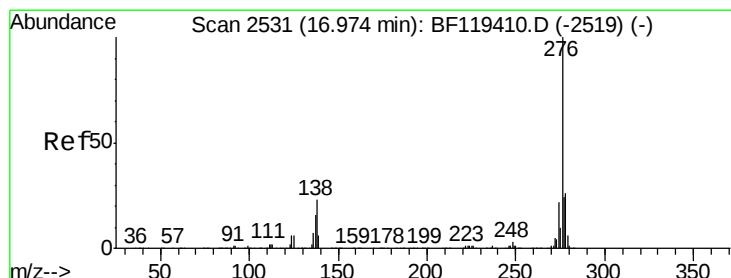
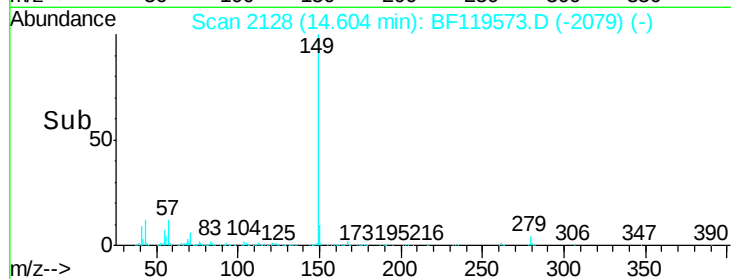
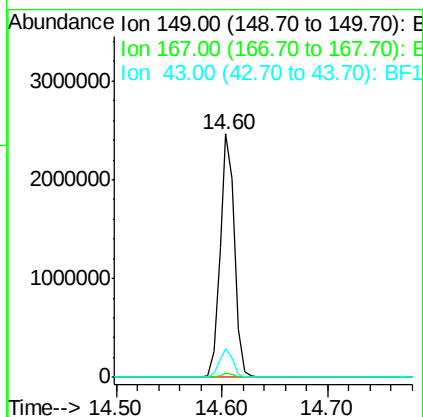
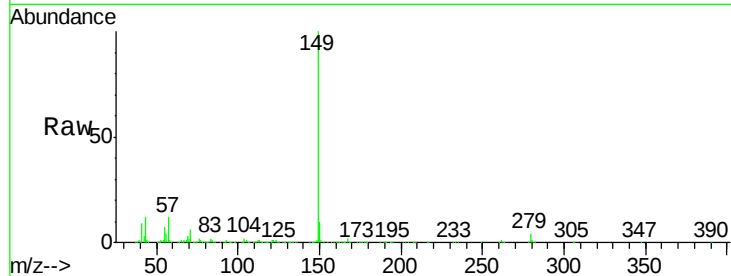




#85
Di-n-octyl phthalate
Concen: 41.56 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

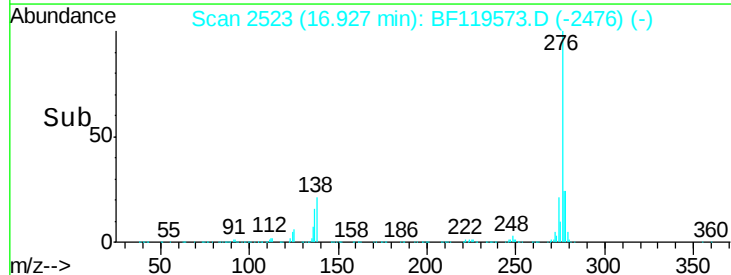
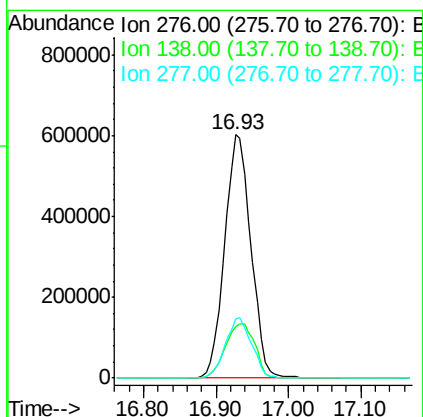
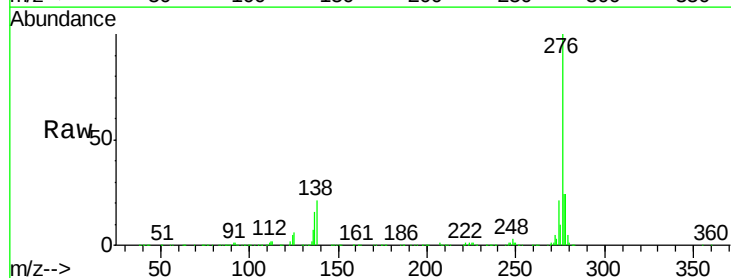
Instrument :
BNA_F
ClientSampleId :
PB127856BSD

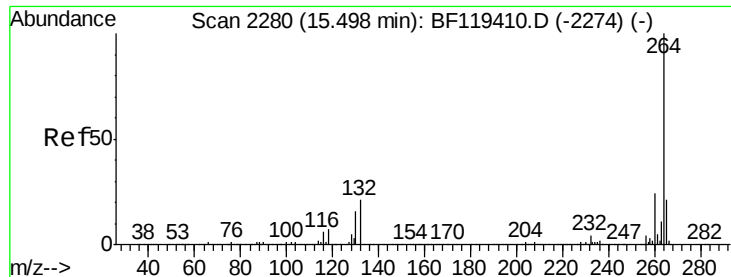
Tgt Ion:149 Resp: 2348659
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.49 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:276 Resp: 1513394
Ion Ratio Lower Upper
276 100
138 25.0 19.6 29.4
277 24.8 20.0 30.0



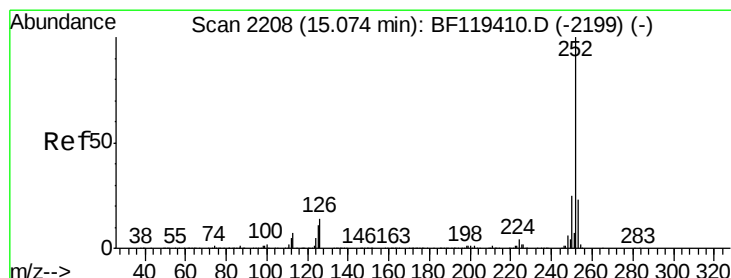
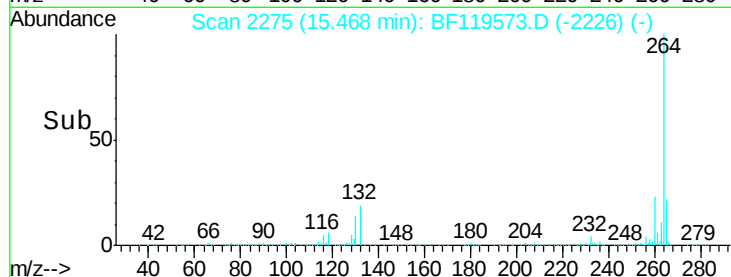
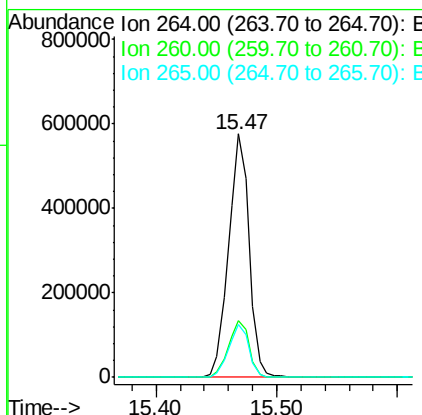
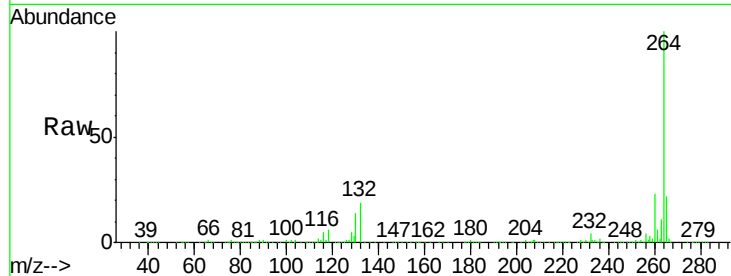


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tgt Ion: 264 Resp: 682244

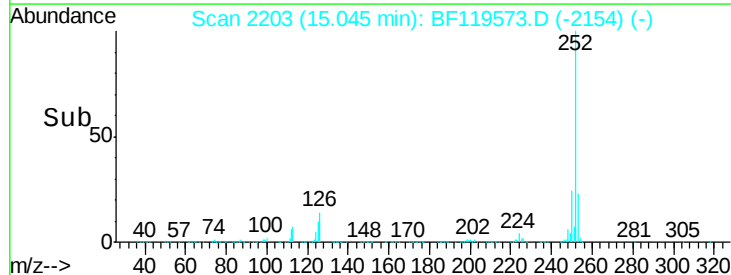
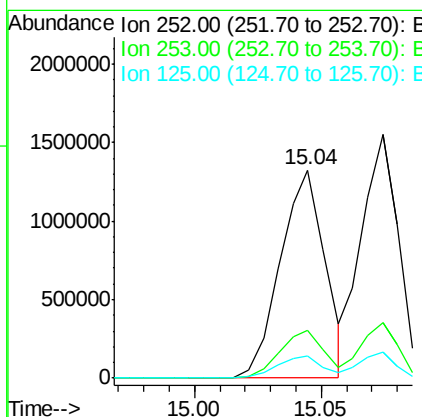
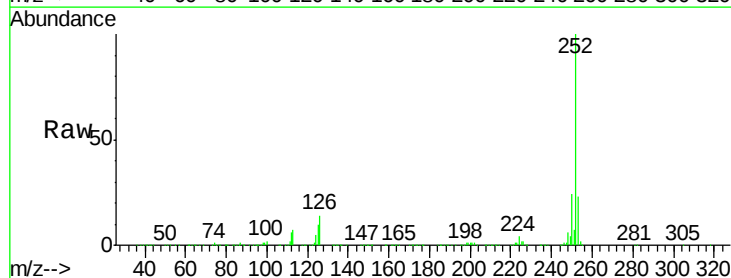
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.7	26.5

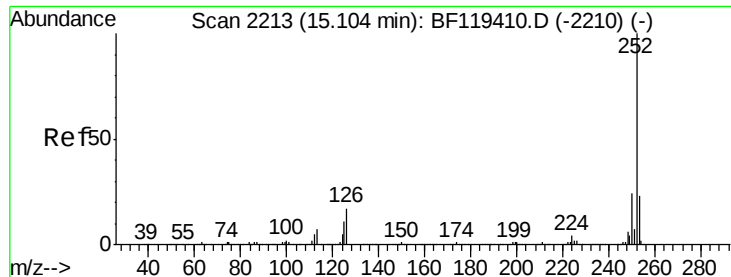


#88
Benzo(b)fluoranthene
Concen: 35.67 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion: 252 Resp: 1625832

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 36.81 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

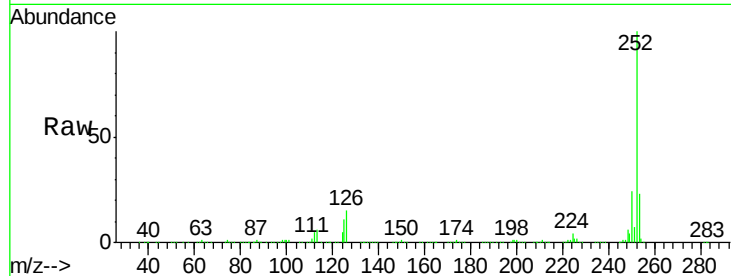
Tgt Ion:252 Resp: 1597522

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

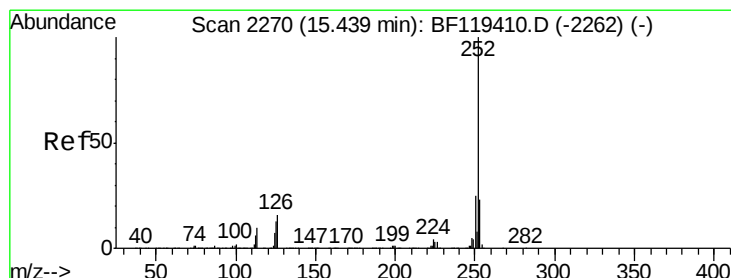
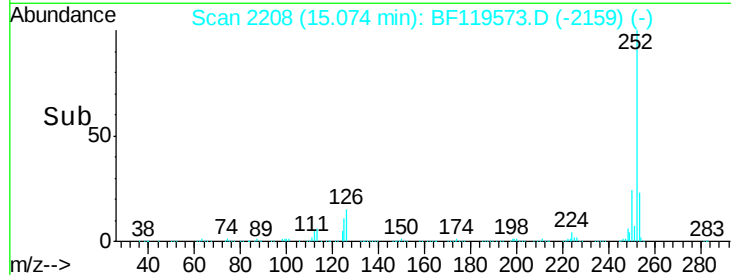
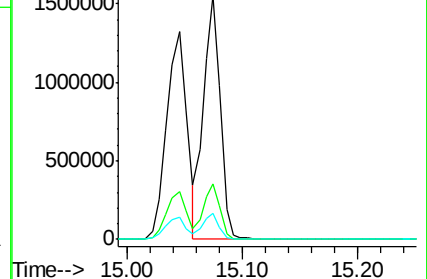
125 10.6 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 32.97 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

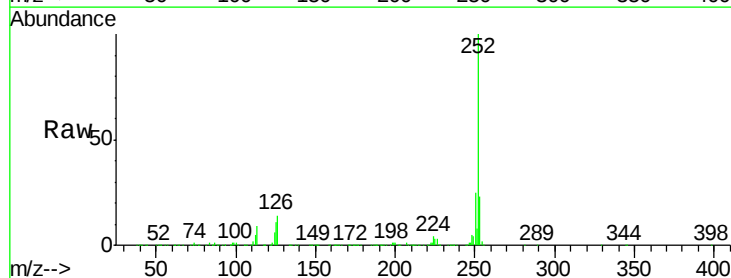
Tgt Ion:252 Resp: 1365368

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

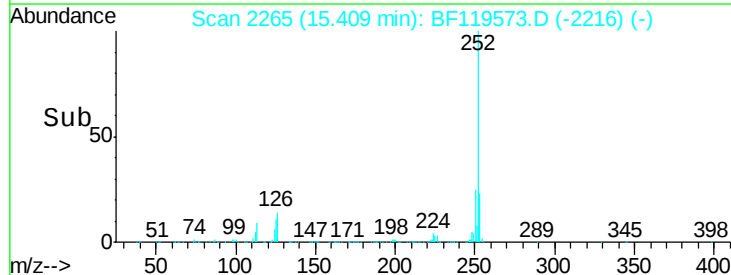
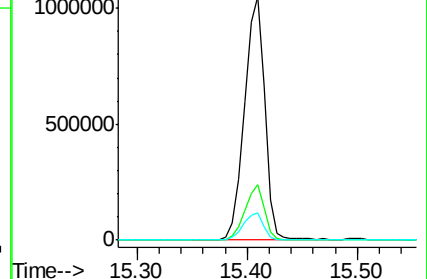
125 11.3 9.4 14.2

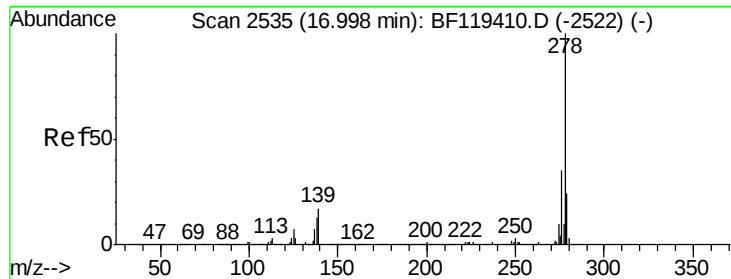


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.66 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

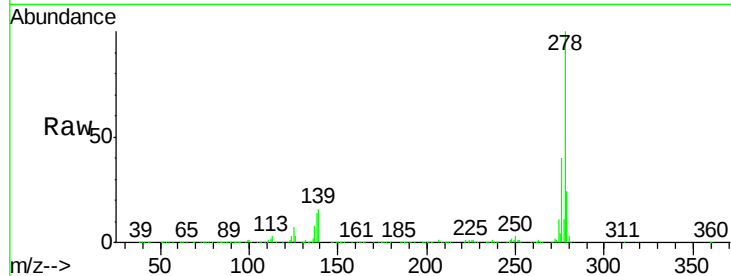
Tgt Ion:278 Resp: 1255569

Ion Ratio Lower Upper

278 100

139 16.0 12.6 19.0

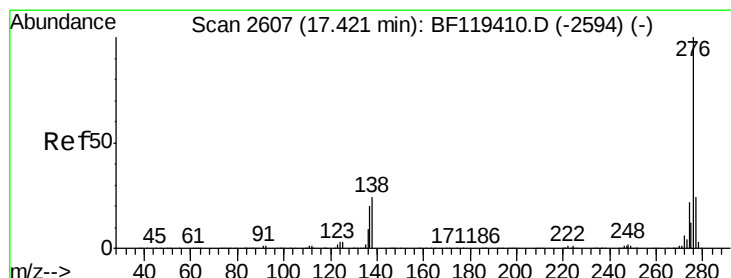
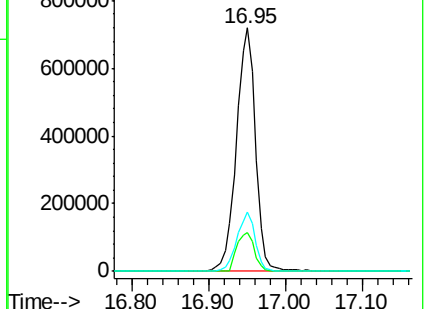
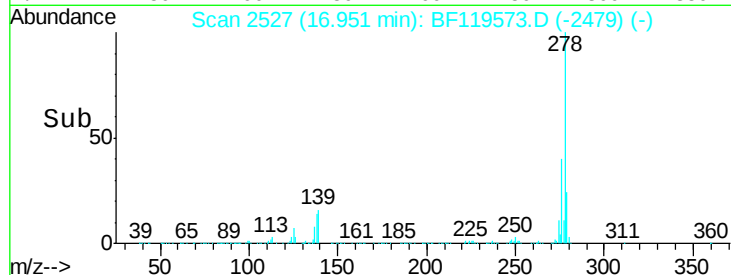
279 24.4 19.0 28.6



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: 32.26 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

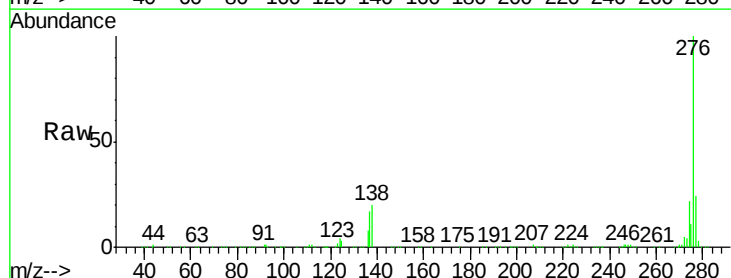
Tgt Ion:276 Resp: 1174239

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 20.1 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

