

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119674.D
 Acq On : 1 Apr 2020 15:00
 Operator : MA/SJ
 Sample : L1762-25MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

Quant Time: Apr 02 00:06:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	260336	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1022412	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	529366	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1013283	20.00	ng	0.00
76) Chrysene-d12	13.99	240	736562	20.00	ng	0.00
87) Perylene-d12	15.45	264	749762	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2201569	134.62	ng	0.03
7) Phenol-d6	6.45	99	2556392	122.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	1836250	97.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	835188	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3434498	96.12	ng	0.00
79) Terphenyl-d14	12.94	244	3676438	97.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	307091	38.02	ng	# 81
3) Pyridine	3.48	79	730054	32.81	ng	90
4) n-Nitrosodimethylamine	3.39	42	454332	41.87	ng	89
6) Aniline	6.48	93	329650	11.43	ng	98
8) 2-Chlorophenol	6.60	128	944460	54.99	ng	99
9) Benzaldehyde	6.36	77	390211	29.44	ng	97
10) Phenol	6.46	94	1009404	45.28	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	928799	52.10	ng	100
12) 1,3-Dichlorobenzene	6.76	146	914313	49.18	ng	100
13) 1,4-Dichlorobenzene	6.83	146	933168	50.19	ng	98
14) 1,2-Dichlorobenzene	6.99	146	861701	49.58	ng	98
15) Benzyl Alcohol	6.96	79	764387	48.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1623586	45.15	ng	97
17) 2-Methylphenol	7.07	107	762444	48.45	ng	99
18) Hexachloroethane	7.33	117	356797	52.36	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	650125	51.63	ng	95
20) 3+4-Methylphenols	7.23	107	885567	45.92	ng	# 80
22) Acetophenone	7.23	105	1229325	50.32	ng	# 89
24) Nitrobenzene	7.40	77	983865	48.94	ng	99
25) Isophorone	7.64	82	1873046	49.08	ng	98
26) 2-Nitrophenol	7.72	139	504278	63.70	ng	92
27) 2,4-Dimethylphenol	7.76	122	839448	51.29	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	1193646	52.90	ng	99
29) 2,4-Dichlorophenol	7.96	162	792098	52.67	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	838270	50.40	ng	99
31) Naphthalene	8.12	128	2718965	51.68	ng	99
32) Benzoic acid	7.87	122	225828	21.45	ng	93
33) 4-Chloroaniline	8.17	127	128717	5.34	ng	96
34) Hexachlorobutadiene	8.24	225	468934	50.39	ng	98
35) Caprolactam	8.50	113	22724	4.62	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	843833	51.33	ng	99
37) 2-Methylnaphthalene	8.82	142	1828509	52.95	ng	98
38) 1-Methylnaphthalene	8.92	142	1731744	52.99	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	764855	49.29	ng	99

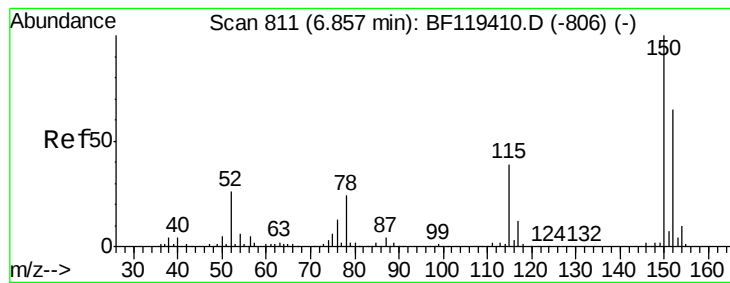
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	902250	102.28	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	656884	59.16	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	541539	43.54	ng	94
46) 1,1'-Biphenyl	9.28	154	2143488	49.72	ng	99
47) 2-Chloronaphthalene	9.30	162	1674297	49.58	ng	99
48) 2-Nitroaniline	9.40	65	597719	51.28	ng	90
49) Acenaphthylene	9.72	152	2640871	49.80	ng	99
50) Dimethylphthalate	9.59	163	1679076	44.65	ng	99
51) 2,6-Dinitrotoluene	9.65	165	449554	55.78	ng	93
52) Acenaphthene	9.90	154	1756605	53.13	ng	99
53) 3-Nitroaniline	9.81	138	153487	15.08	ng	93
54) 2,4-Dinitrophenol	9.92	184	339643	95.81	ng	95
55) Dibenzofuran	10.07	168	2350519	49.59	ng	99
56) 4-Nitrophenol	9.98	139	712963	88.82	ng	96
57) 2,4-Dinitrotoluene	10.05	165	595392	58.64	ng	98
58) Fluorene	10.41	166	1795315	51.22	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	472559	50.83	ng	100
60) Diethylphthalate	10.29	149	2007337	52.60	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	870516	50.78	ng	99
62) 4-Nitroaniline	10.43	138	452887	46.42	ng	96
63) Azobenzene	10.56	77	1904966	49.57	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	270334	63.62	ng	92
66) n-Nitrosodiphenylamine	10.53	169	1676344	50.39	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	582218	50.45	ng	99
68) Hexachlorobenzene	10.96	284	614166	52.00	ng	# 91
69) Atrazine	11.06	200	501382	54.98	ng	97
70) Pentachlorophenol	11.16	266	675712	97.57	ng	96
71) Phenanthrene	11.37	178	2594735	49.38	ng	100
72) Anthracene	11.43	178	2641016	49.46	ng	99
73) Carbazole	11.58	167	2492043	47.15	ng	100
74) Di-n-butylphthalate	11.92	149	3077137	54.42	ng	100
75) Fluoranthene	12.56	202	2830342	49.78	ng	99
77) Benzidine	12.68	184	656702	21.07	ng	98
78) Pyrene	12.79	202	2856687	47.26	ng	100
80) Butylbenzylphthalate	13.42	149	1354572	55.40	ng	99
81) Benzo(a)anthracene	13.99	228	2244450	46.86	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	320063	16.95	ng	99
83) Chrysene	14.02	228	2405115	48.65	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1719053	58.98	ng	98
85) Di-n-octyl phthalate	14.59	149	3185770	62.15	ng	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	2521136	54.15	ng	98
88) Benzo(b)fluoranthene	15.03	252	2653575	52.98	ng	98
89) Benzo(k)fluoranthene	15.06	252	2209149	46.32	ng	99
90) Benzo(a)pyrene	15.39	252	2239168	49.20	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	2092538	52.56	ng	99
92) Benzo(g,h,i)perylene	17.36	276	2086460	52.17	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

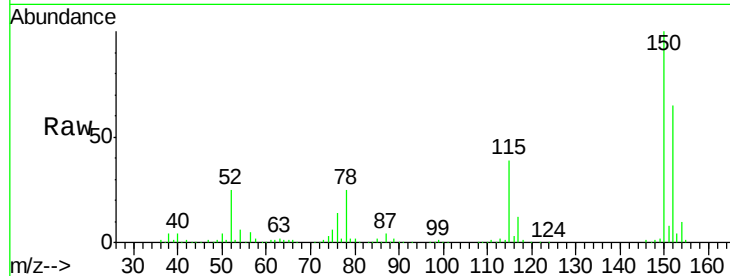
Tgt Ion:152 Resp: 260336

Ion Ratio Lower Upper

152 100

150 154.8 124.5 186.7

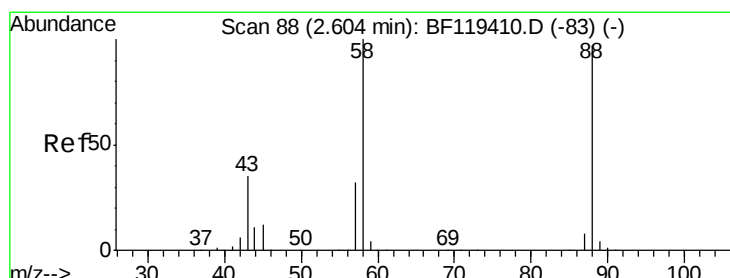
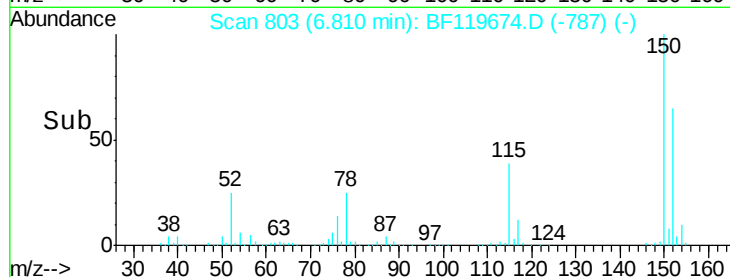
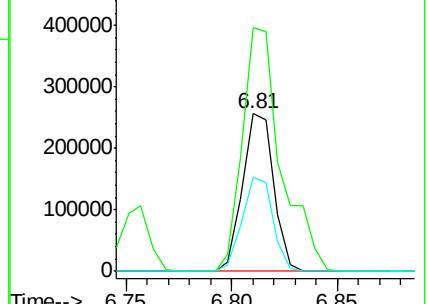
115 60.1 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.02 ng

RT: 2.79 min Scan# 119

Delta R.T. 0.26 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

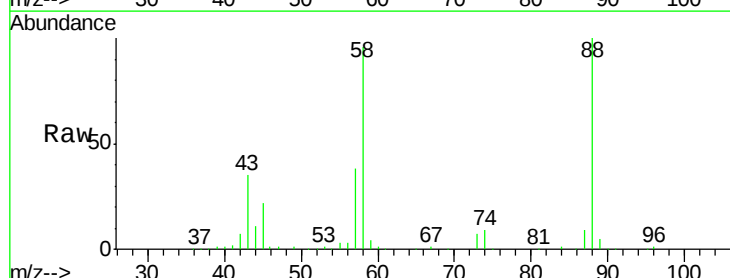
Tgt Ion: 88 Resp: 307091

Ion Ratio Lower Upper

88 100

58 95.9 80.6 121.0

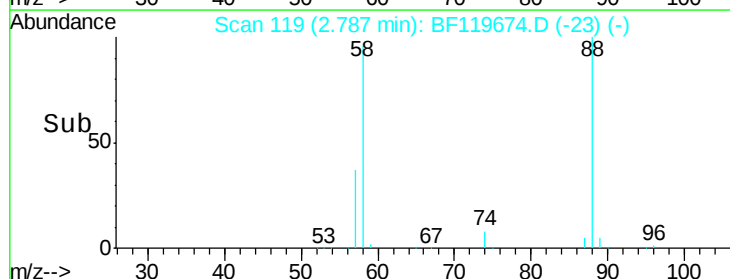
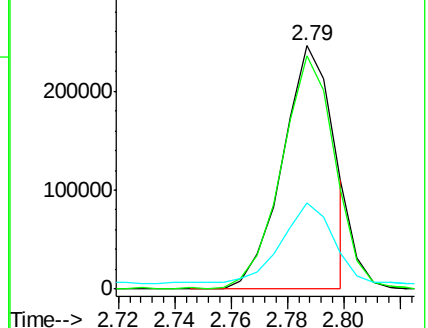
43 0.0 27.5 41.3#

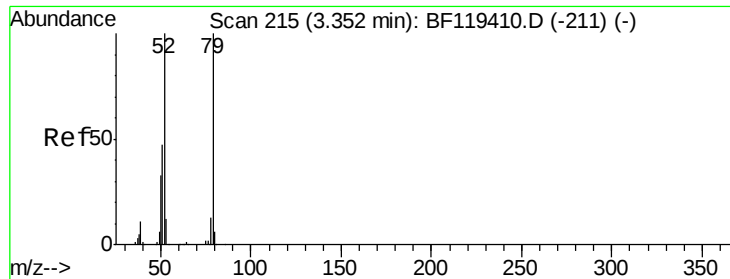


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

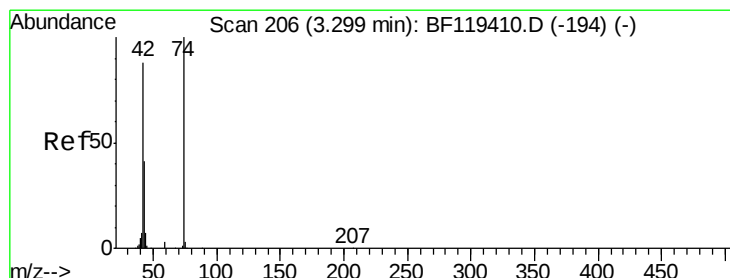
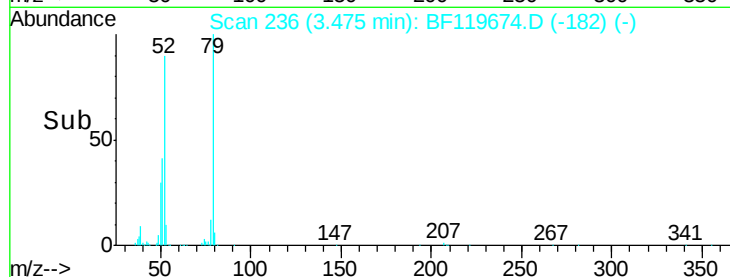
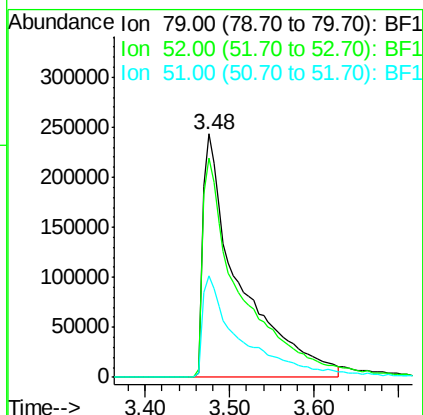
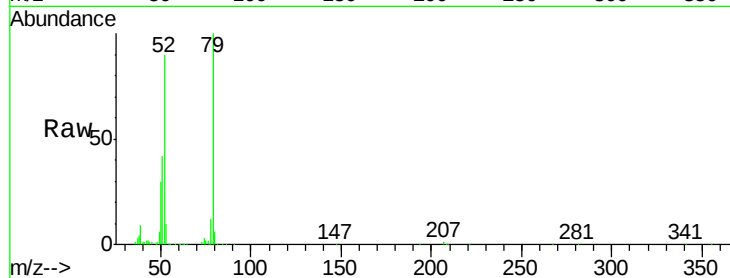




#3
 Pyridine
 Concen: 32.81 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.22 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

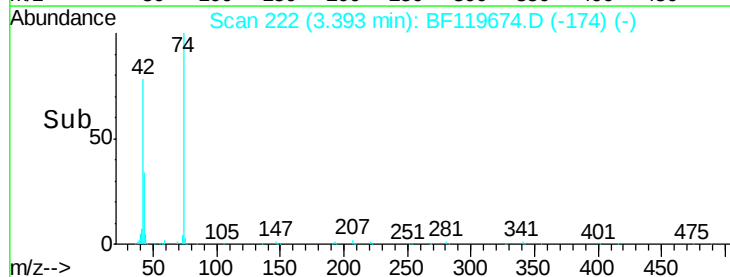
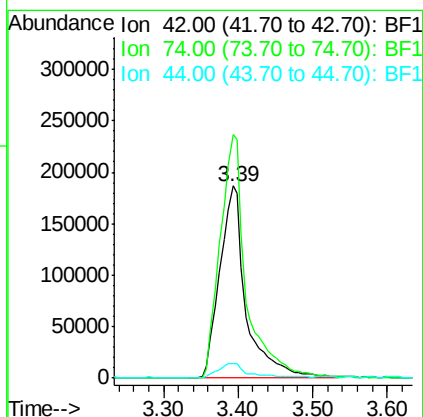
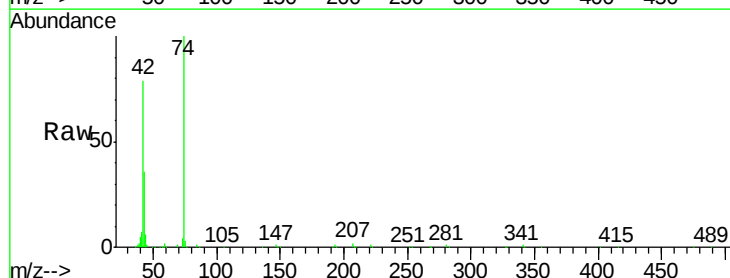
Instrument :
 BNA_F
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 TR-04-032720MSD

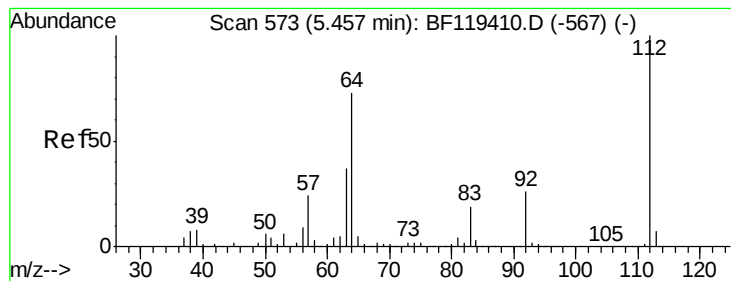
Tgt Ion: 79 Resp: 730054
 Ion Ratio Lower Upper
 79 100
 52 90.0 80.2 120.2
 51 41.7 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 41.87 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.18 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion: 42 Resp: 454332
 Ion Ratio Lower Upper
 42 100
 74 126.8 91.5 137.3
 44 7.4 6.2 9.4

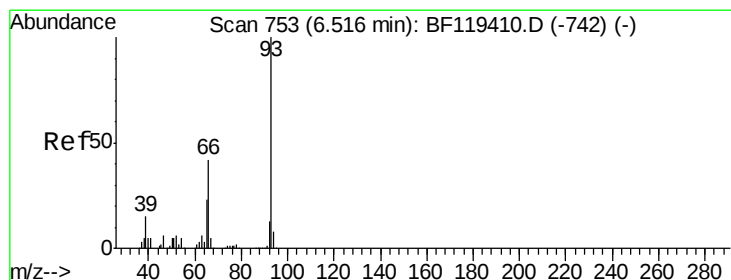
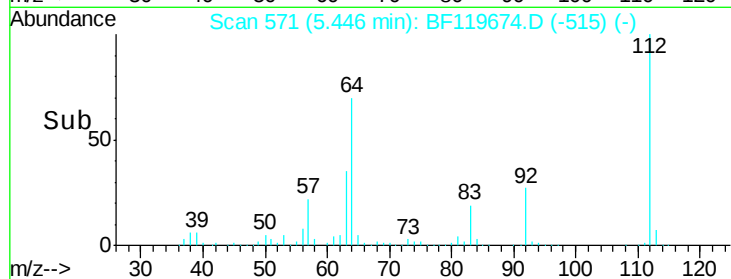
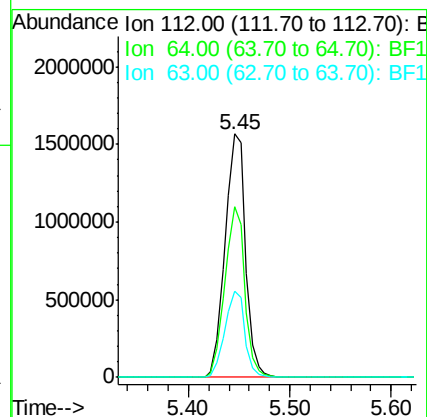
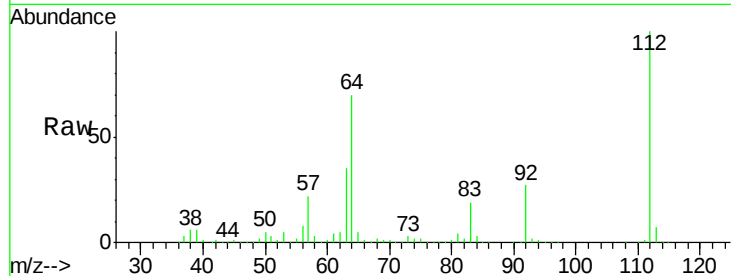




#5
 2-Fluorophenol
 Concen: 134.62 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.03 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

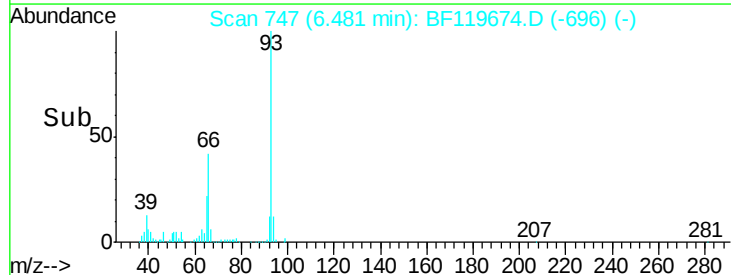
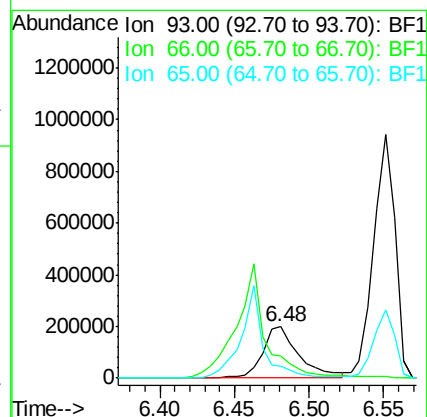
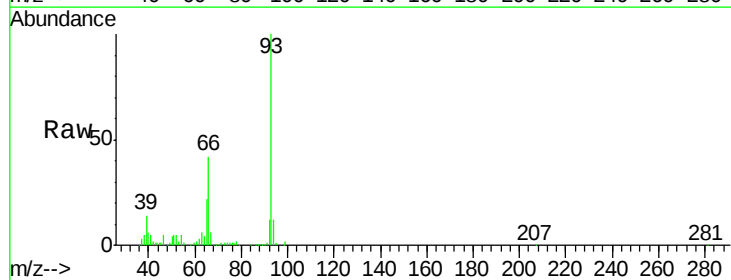
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

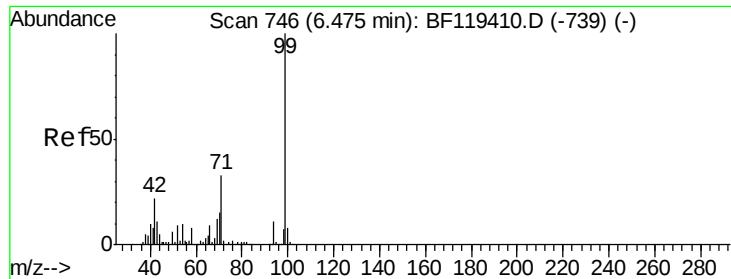
Tgt Ion: 112 Resp: 2201569
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.7 85.1
 63 35.3 29.5 44.3



#6
 Aniline
 Concen: 11.43 ng
 RT: 6.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion: 93 Resp: 329650
 Ion Ratio Lower Upper
 93 100
 66 42.0 34.9 52.3
 65 22.5 18.6 27.8





#7

Phenol-d6

Concen: 122.37 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

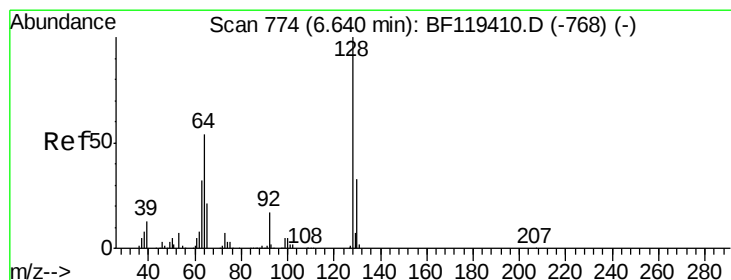
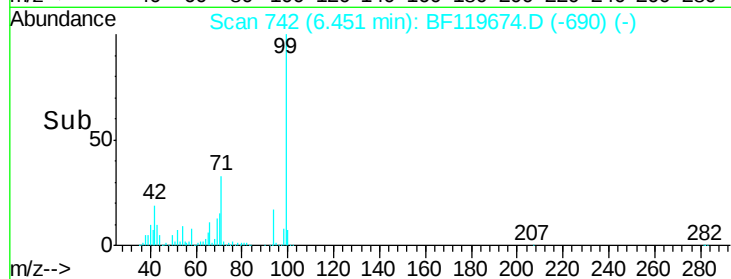
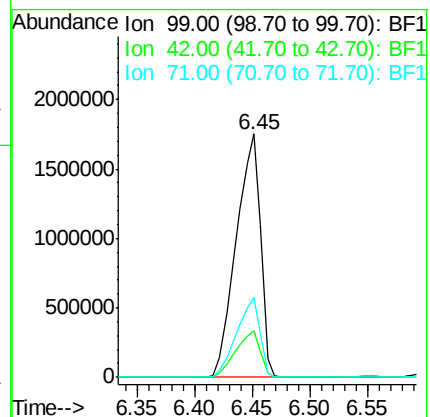
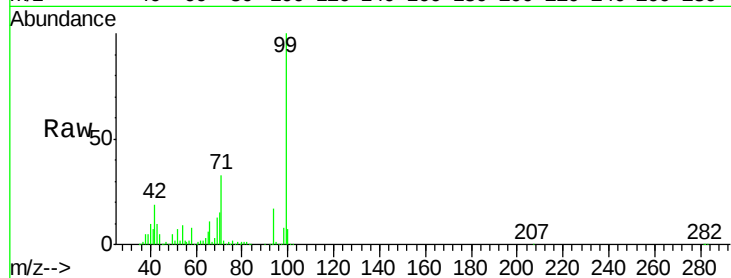
Tgt Ion: 99 Resp: 2556392

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.8 26.4 39.6



#8

2-Chlorophenol

Concen: 54.99 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

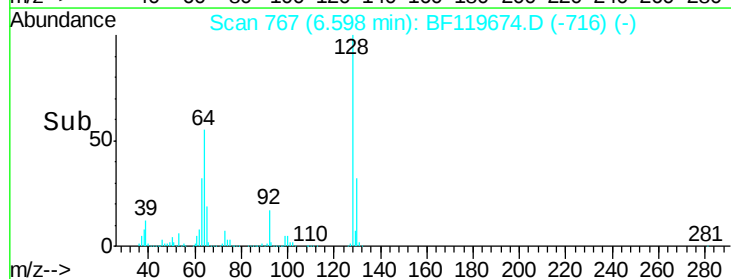
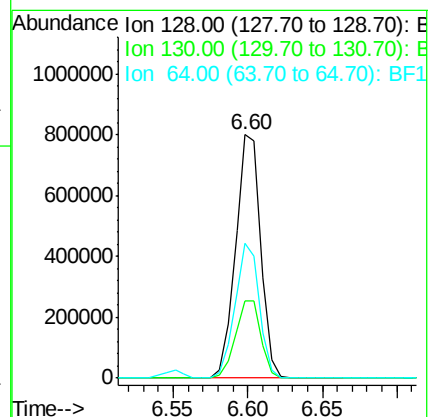
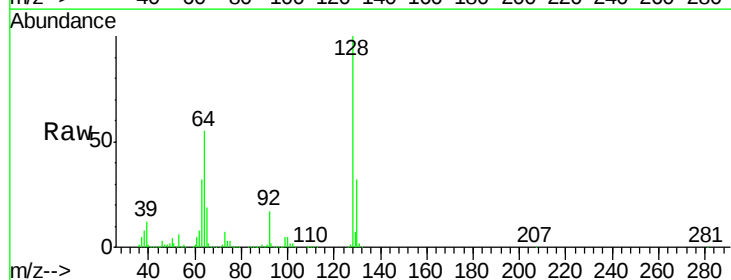
Tgt Ion: 128 Resp: 944460

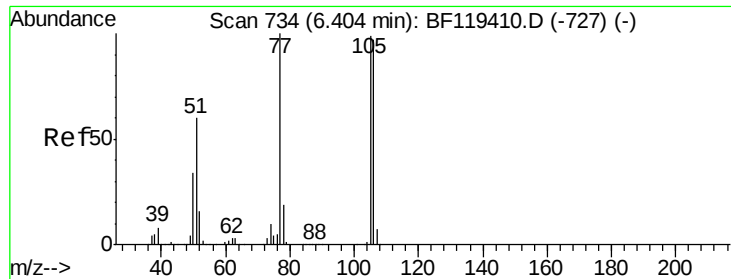
Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

64 55.2 35.3 75.3





#9

Benzaldehyde

Concen: 29.44 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

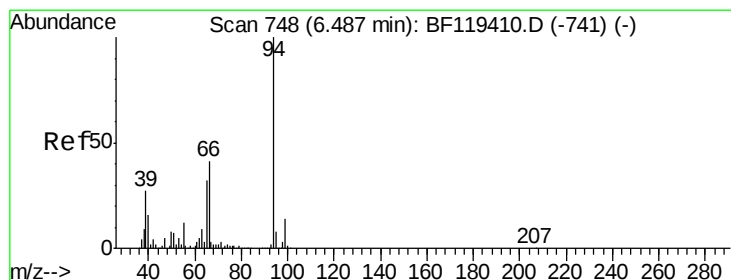
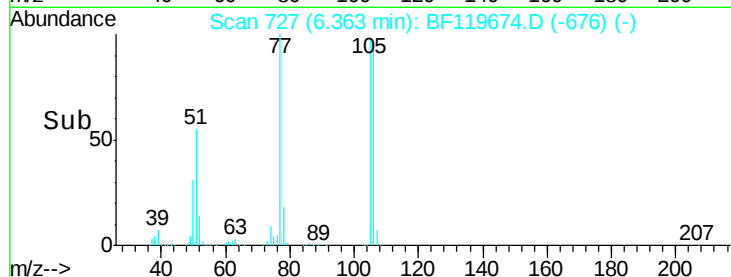
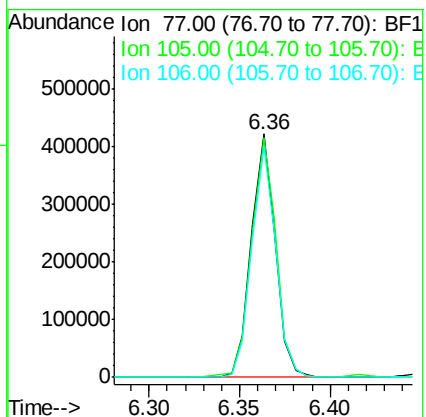
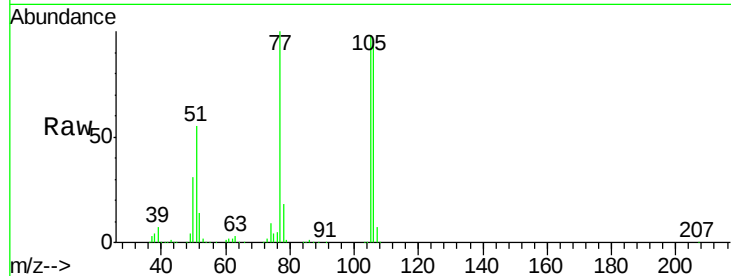
Tgt Ion: 77 Resp: 390211

Ion Ratio Lower Upper

77 100

105 98.4 80.9 120.9

106 94.7 77.9 117.9



#10

Phenol

Concen: 45.28 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

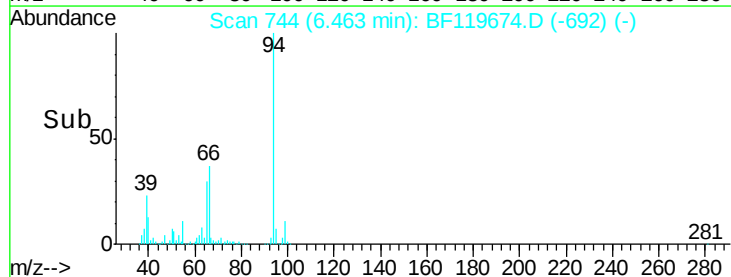
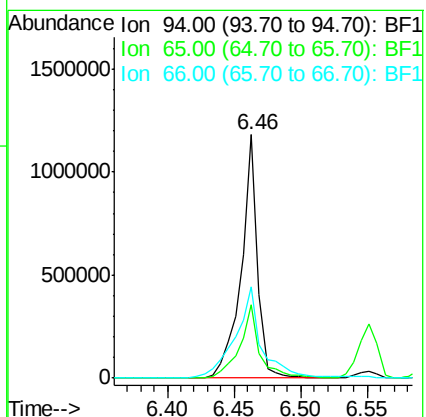
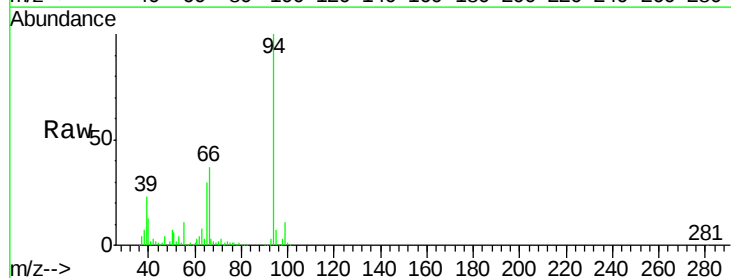
Tgt Ion: 94 Resp: 1009404

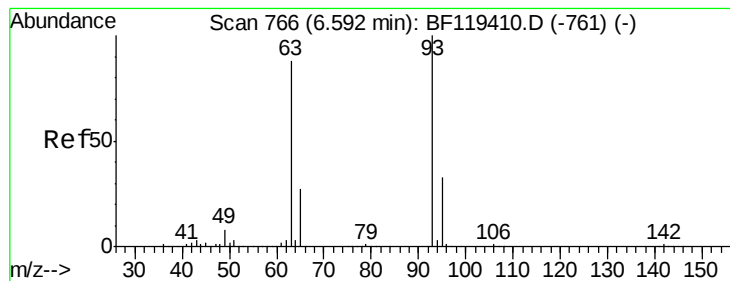
Ion Ratio Lower Upper

94 100

65 30.1 13.2 53.2

66 37.5 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 52.10 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

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TR-04-032720MSD

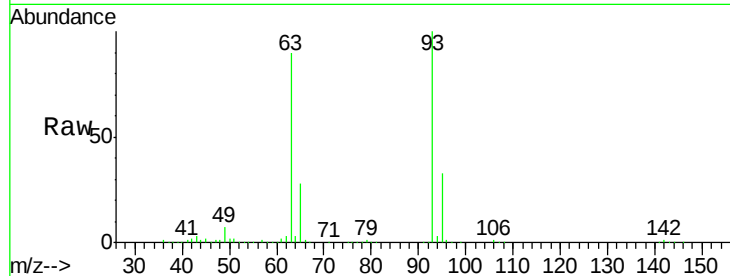
Tgt Ion: 93 Resp: 928799

Ion Ratio Lower Upper

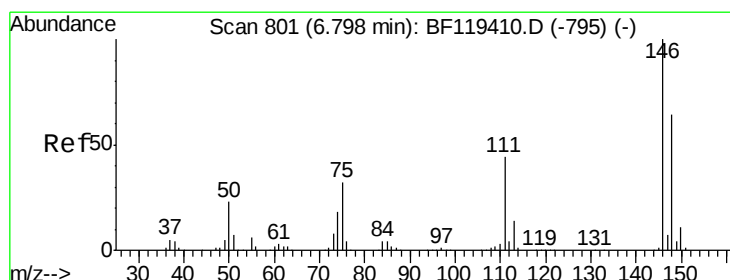
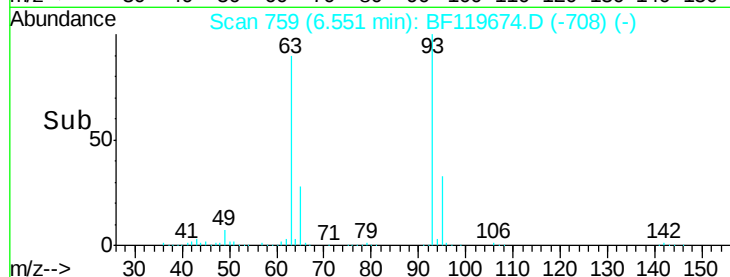
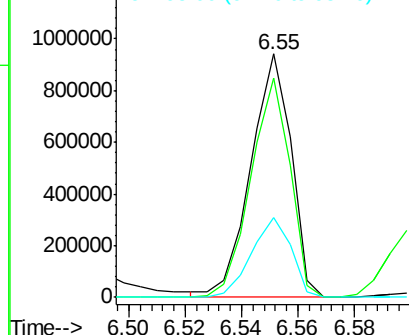
93 100

63 90.1 70.2 110.2

95 32.7 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 49.18 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

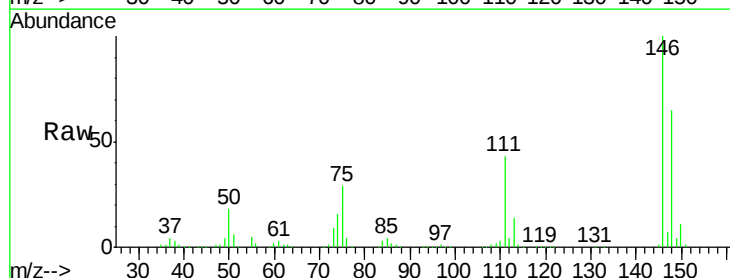
Tgt Ion: 146 Resp: 914313

Ion Ratio Lower Upper

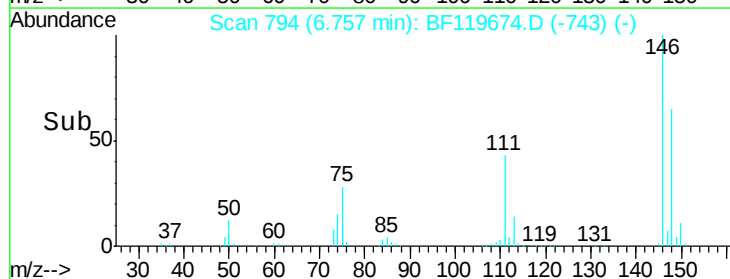
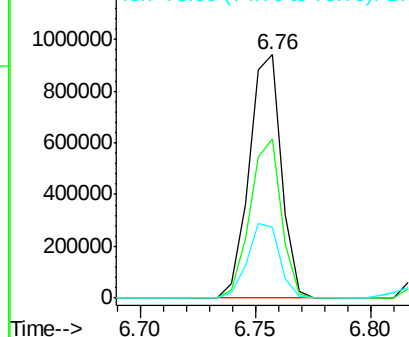
146 100

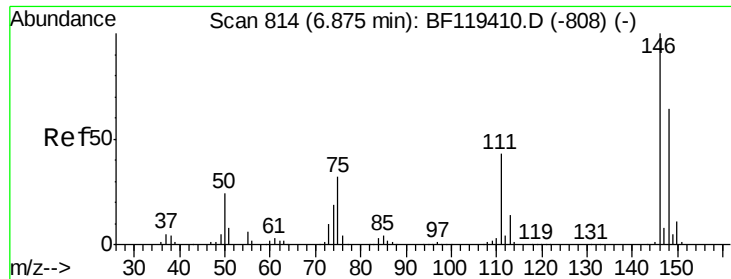
148 65.1 52.2 78.4

75 28.8 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

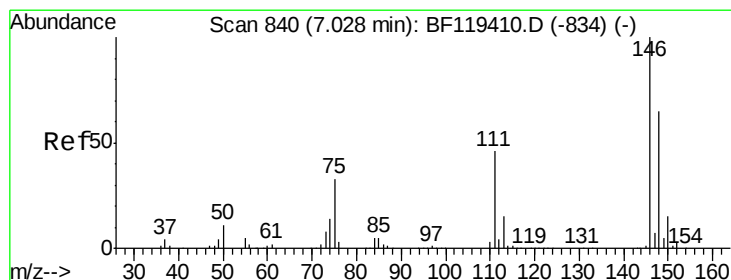
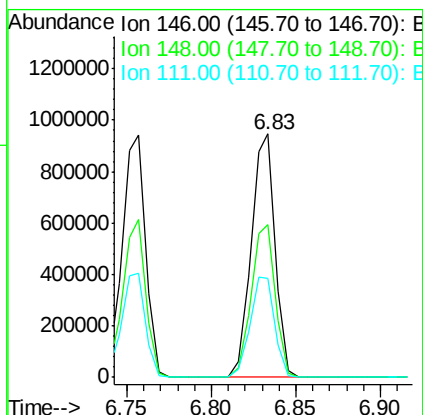
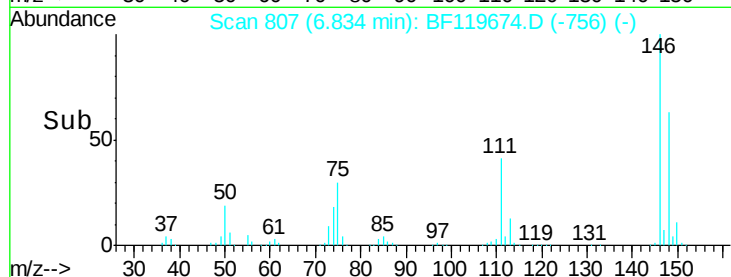
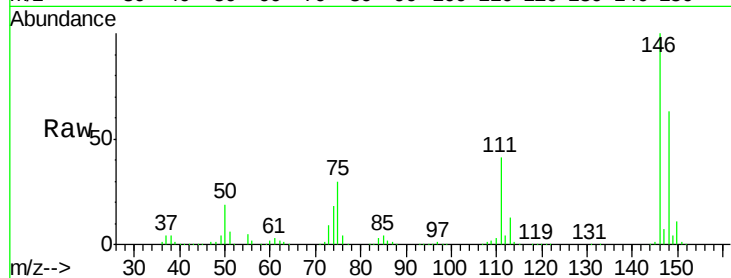




#13
 1,4-Dichlorobenzene
 Concen: 50.19 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

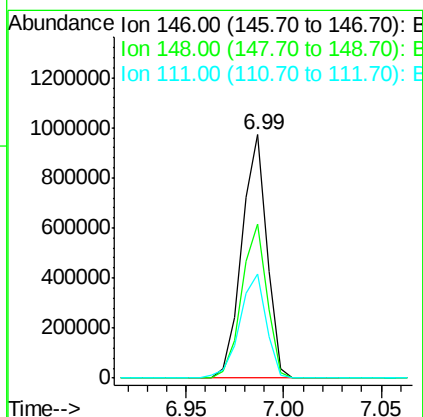
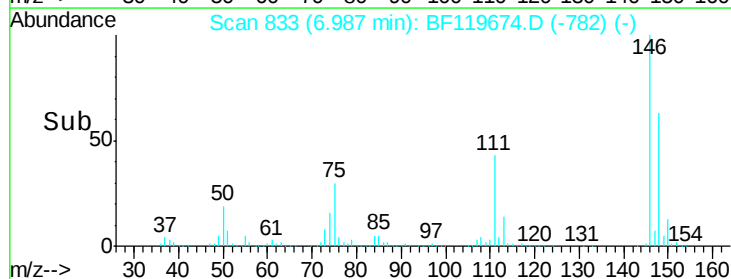
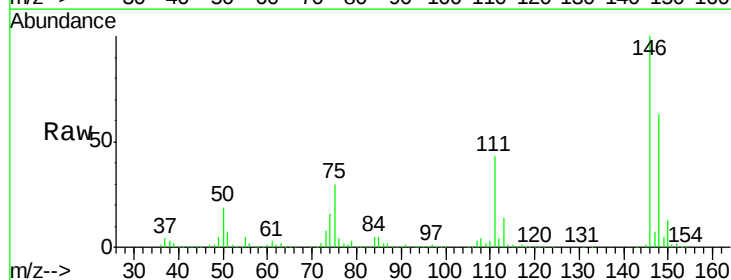
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

Tgt Ion:146 Resp: 933168
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.5 77.3
 111 40.8 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 49.58 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:146 Resp: 861701
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 42.6 36.1 54.1





#15

Benzyl Alcohol

Concen: 48.64 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

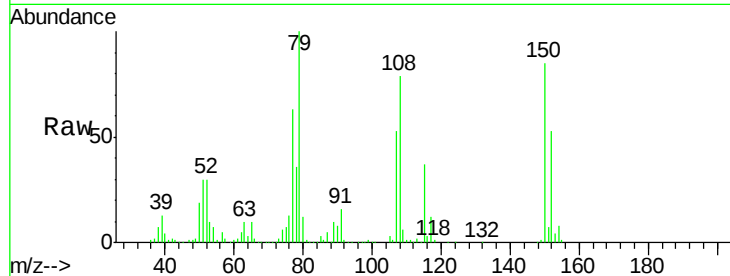
Tgt Ion: 79 Resp: 764387

Ion Ratio Lower Upper

79 100

108 78.6 60.6 90.8

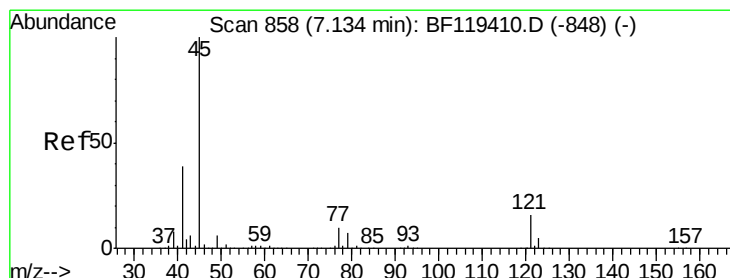
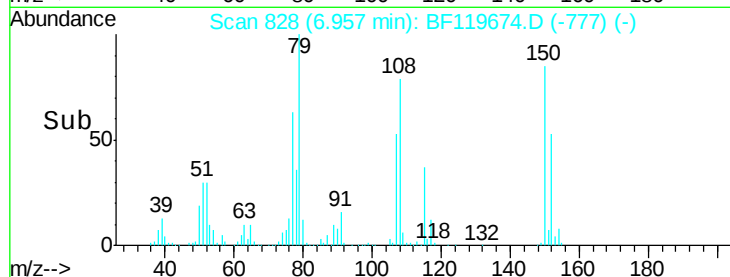
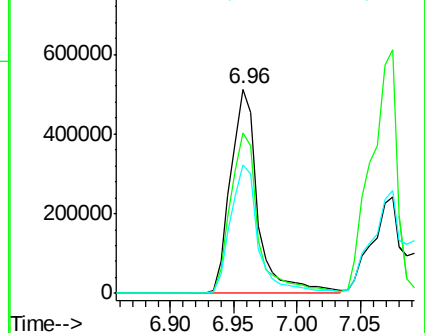
77 63.1 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.15 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

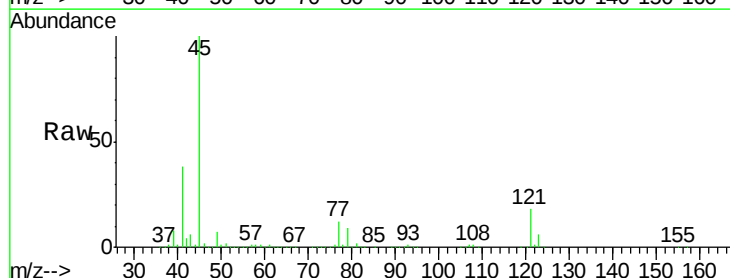
Tgt Ion: 45 Resp: 1623586

Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.7

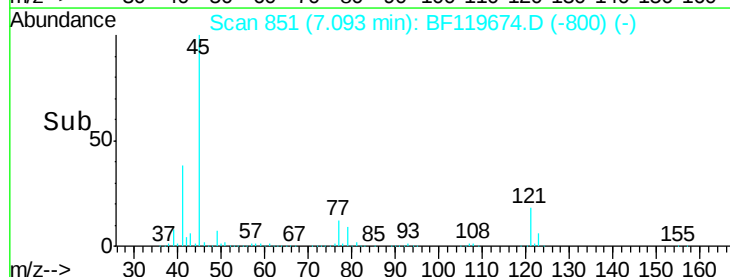
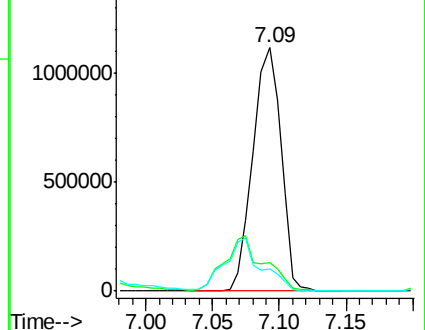
79 8.9 0.0 28.2

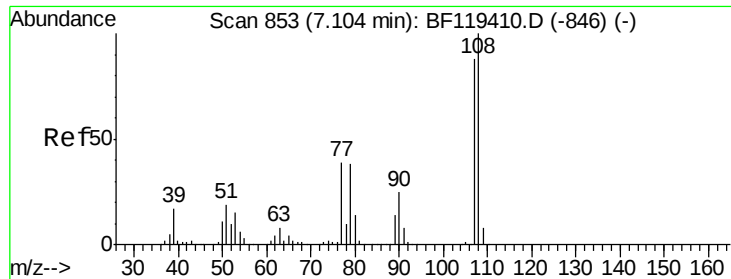


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

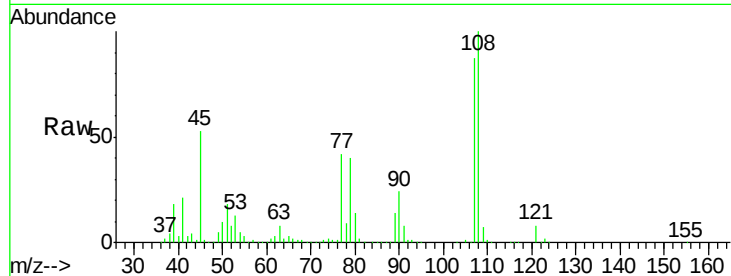




#17
2-Methylphenol
Concen: 48.45 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion:	107	Resp:	762444
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.2	138.4
77	48.6	36.6	54.8
79	45.6	36.2	54.4



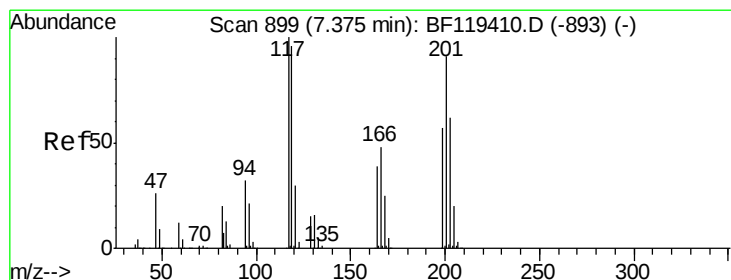
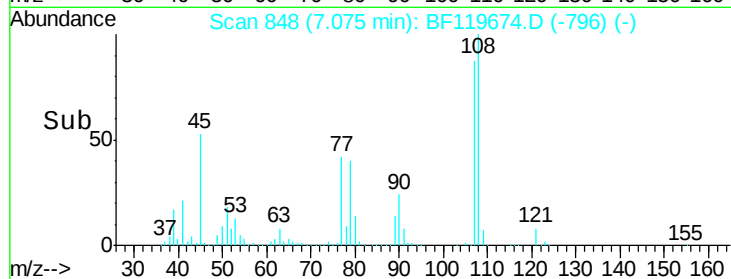
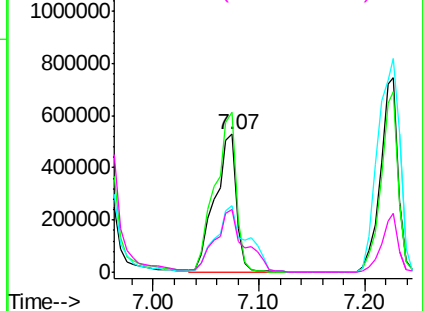
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

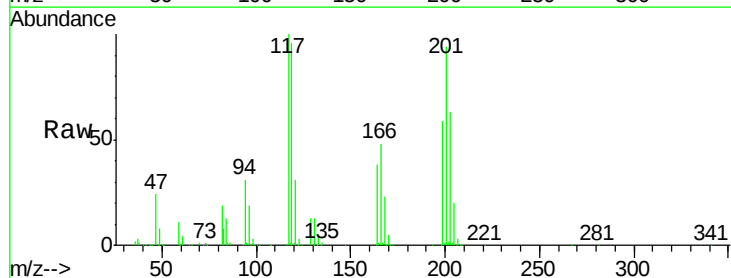
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 52.36 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:	117	Resp:	356797
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.1	114.1
201	94.4	73.0	109.6

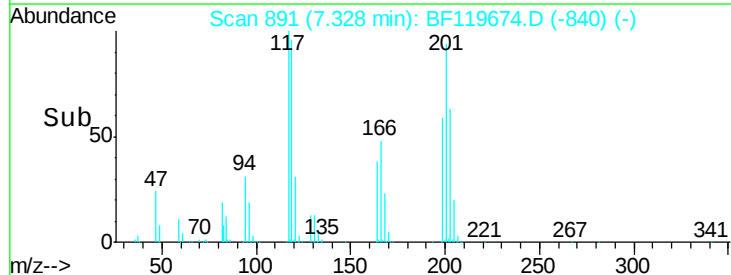
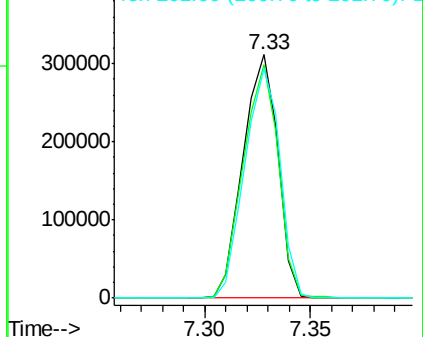


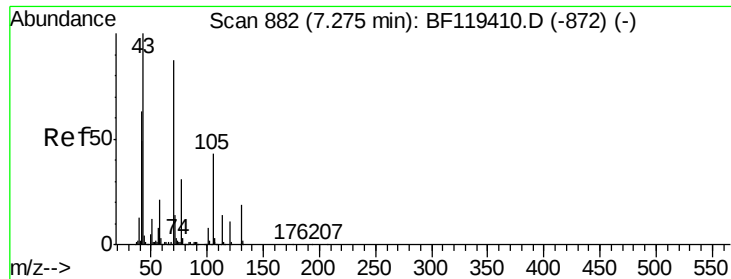
Abundance

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

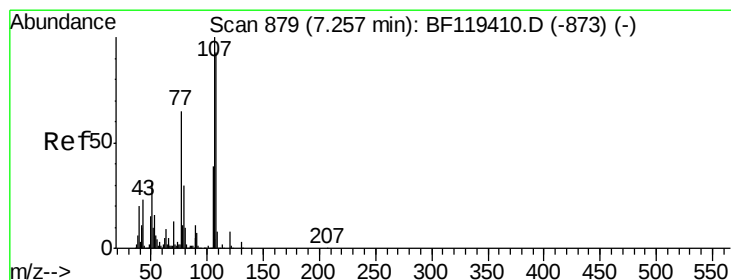
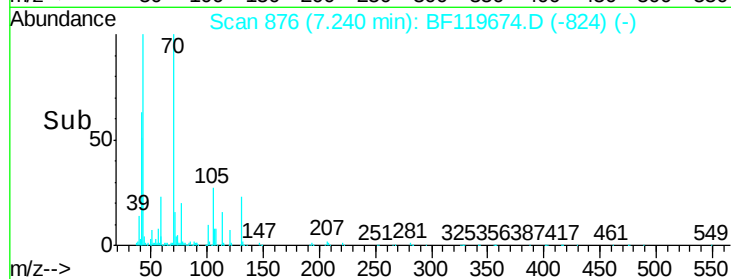
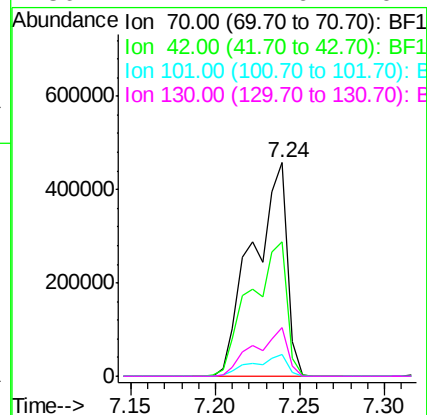
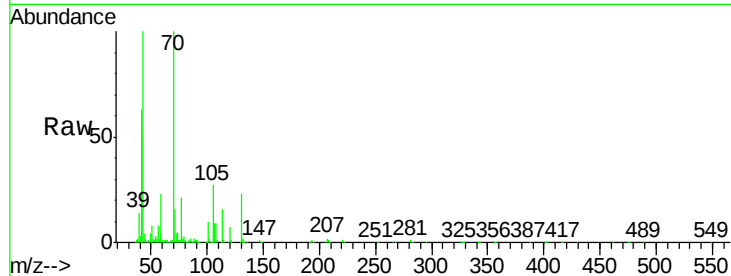




#19
n-Nitroso-di-n-propylamine
Concen: 51.63 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

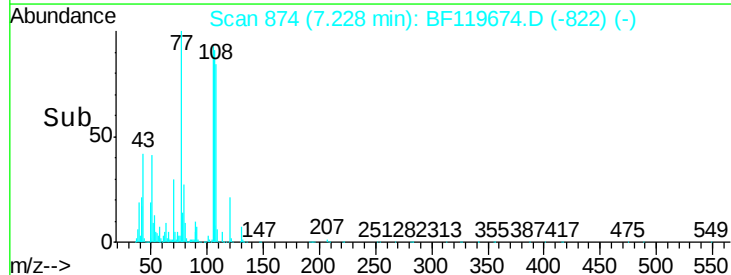
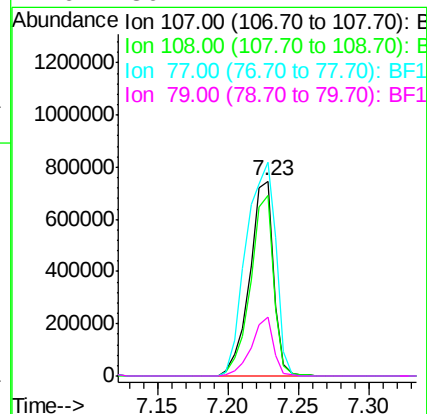
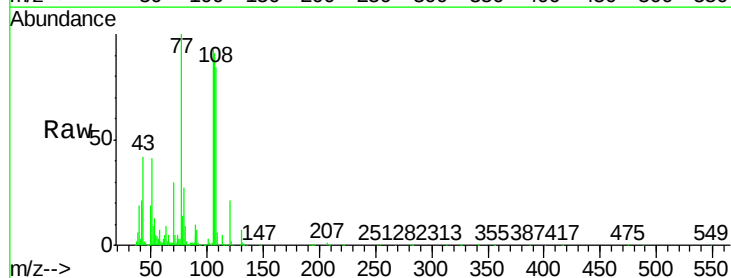
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

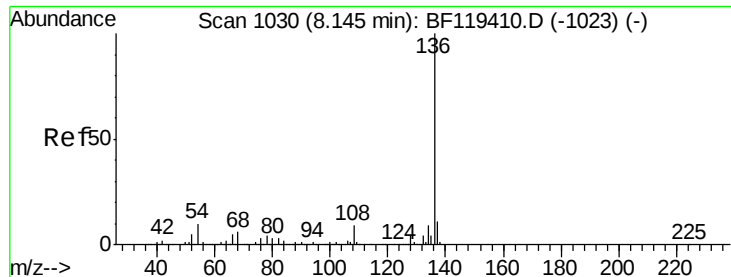
Tgt Ion:	70	Resp:	650125
Ion	Ratio	Lower	Upper
70	100		
42	62.9	54.5	81.7
101	10.1	7.6	11.4
130	22.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.92 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:	107	Resp:	885567
Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.9	107.9
77	109.5	52.9	92.9#
79	30.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

Tgt Ion:136 Resp: 1022412

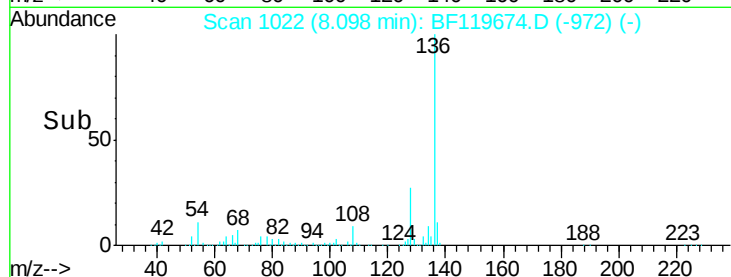
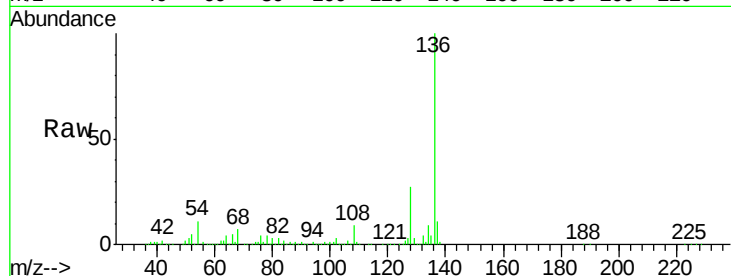
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 9.1 13.7

68 6.5 4.6 6.8

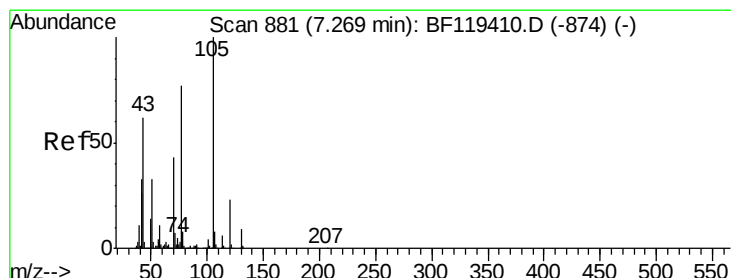
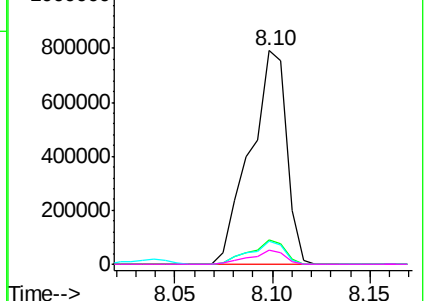


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.32 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Tgt Ion:105 Resp: 1229325

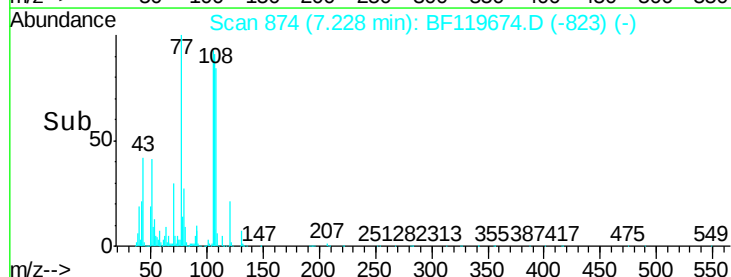
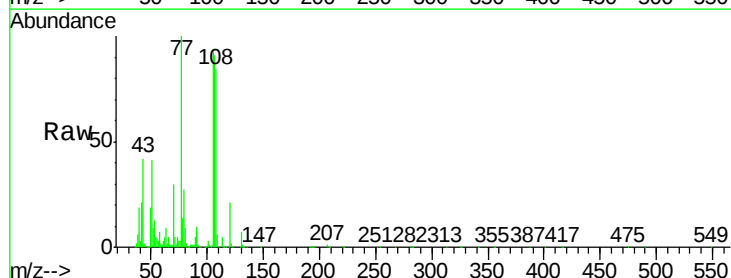
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 44.0 26.2 39.4#

120 22.7 18.3 27.5

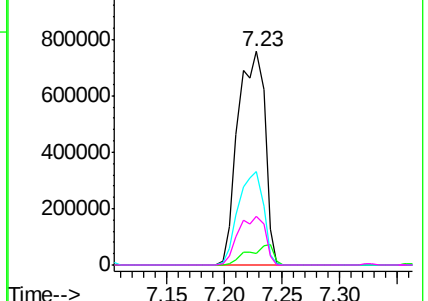


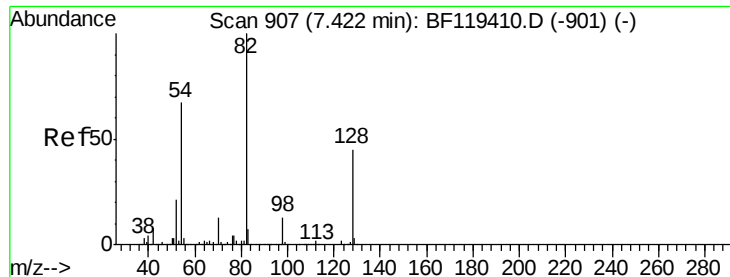
Abundance Ion 105.00 (104.70 to 105.70): E

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: 97.61 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

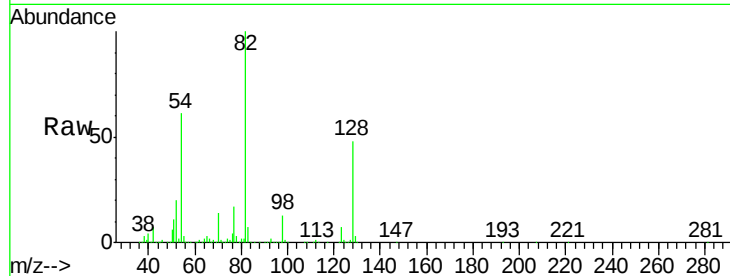
Tgt Ion: 82 Resp: 1836250

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

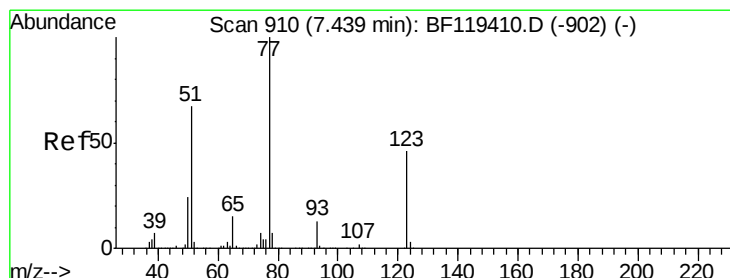
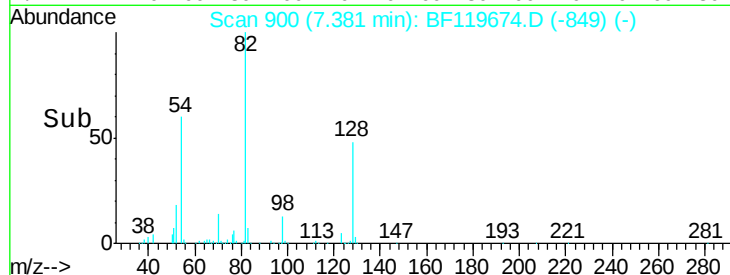
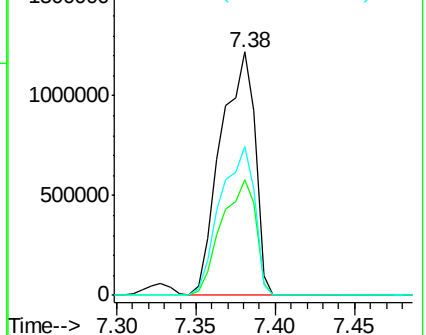
54 61.1 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 48.94 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

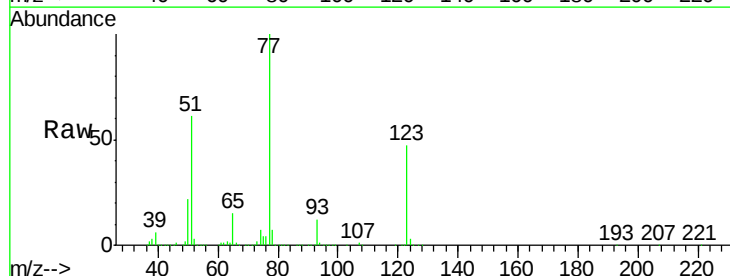
Tgt Ion: 77 Resp: 983865

Ion Ratio Lower Upper

77 100

123 47.2 38.0 57.0

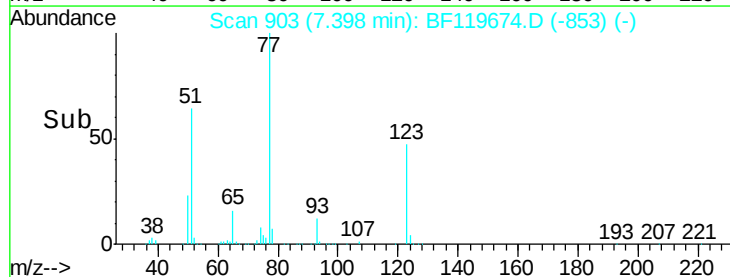
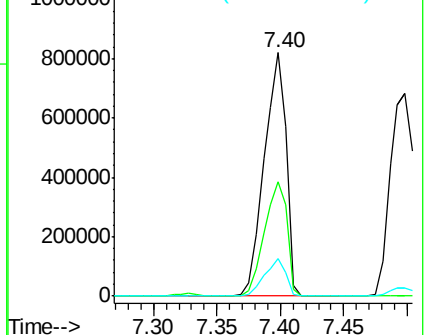
65 15.4 12.6 18.8

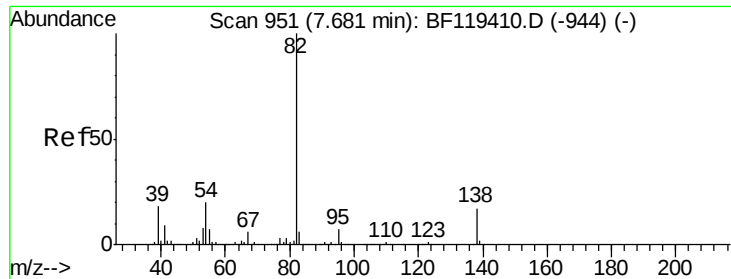


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.08 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

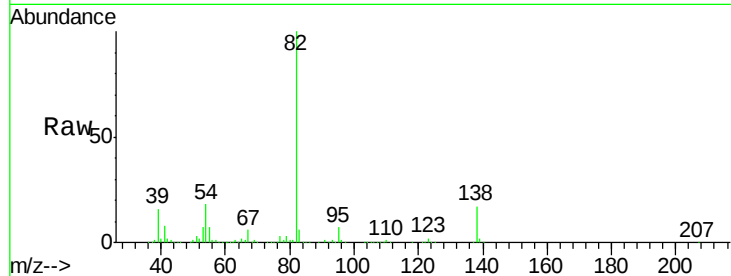
Tgt Ion: 82 Resp: 1873046

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

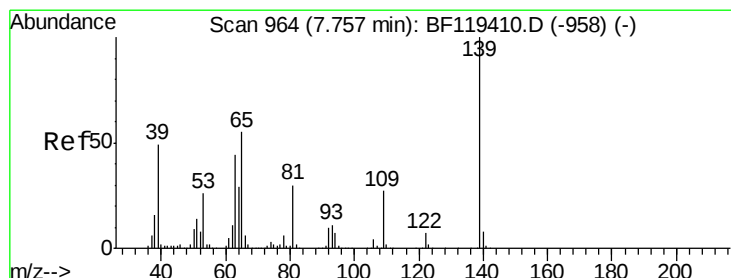
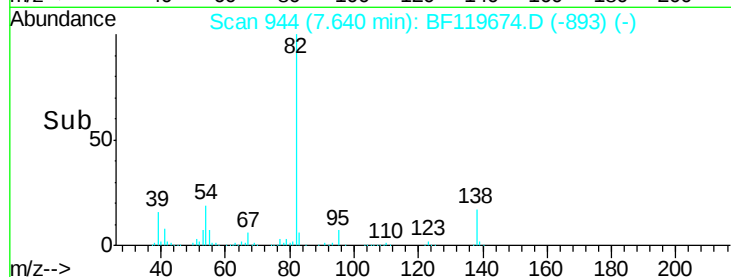
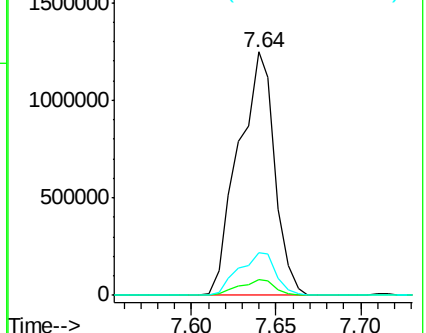
138 17.3 14.6 21.8



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: 63.70 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

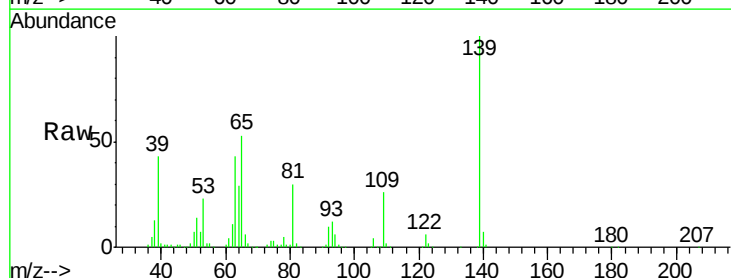
Tgt Ion: 139 Resp: 504278

Ion Ratio Lower Upper

139 100

109 25.6 22.1 33.1

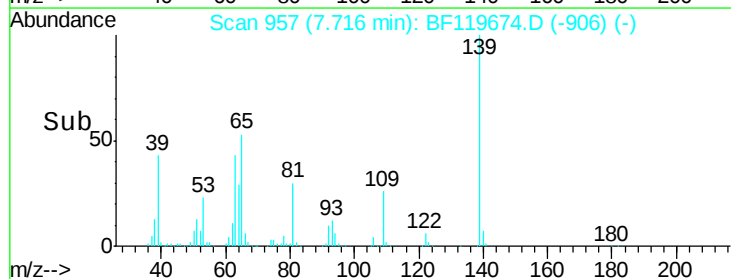
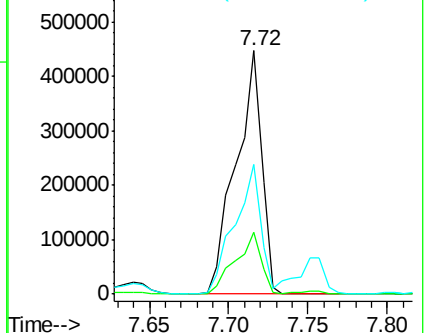
65 53.4 49.2 73.8

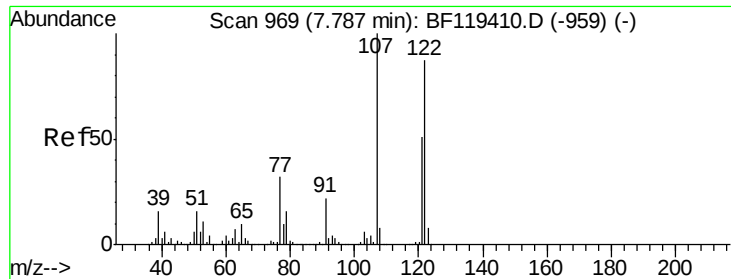


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.29 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

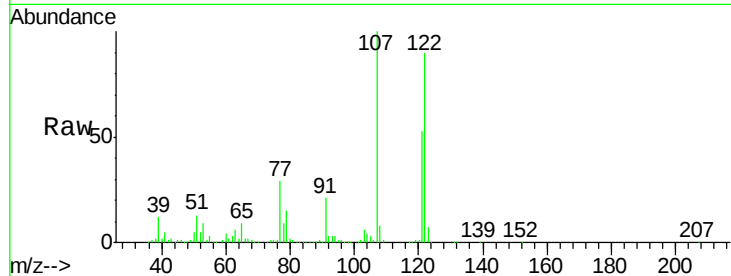
Tgt Ion:122 Resp: 839448

Ion Ratio Lower Upper

122 100

107 110.9 89.0 133.6

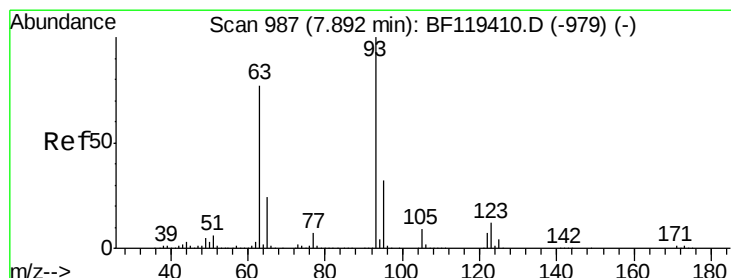
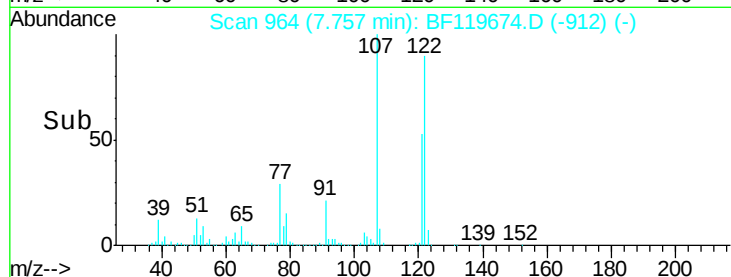
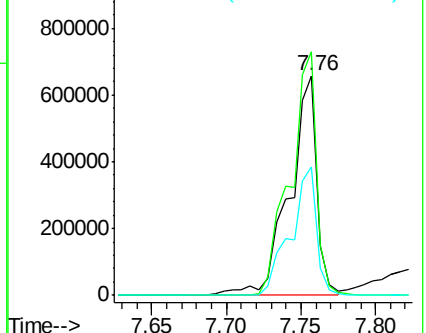
121 58.5 46.7 70.1



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: 52.90 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

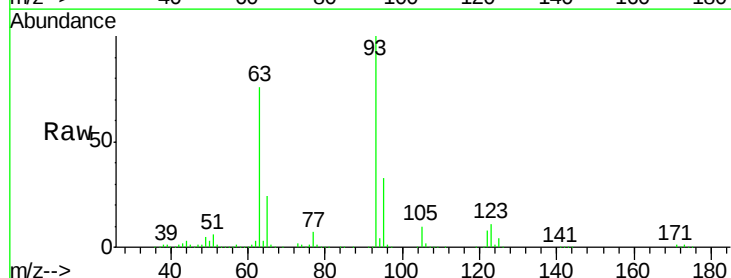
Tgt Ion: 93 Resp: 1193646

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

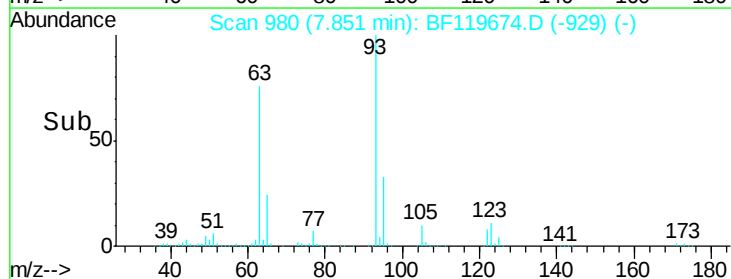
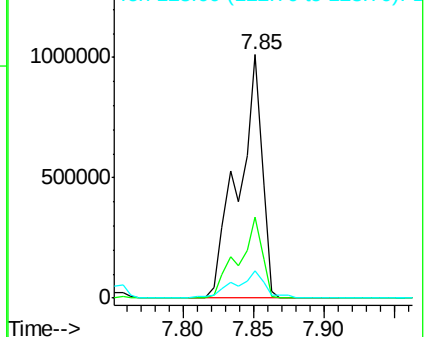
123 11.3 9.7 14.5



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

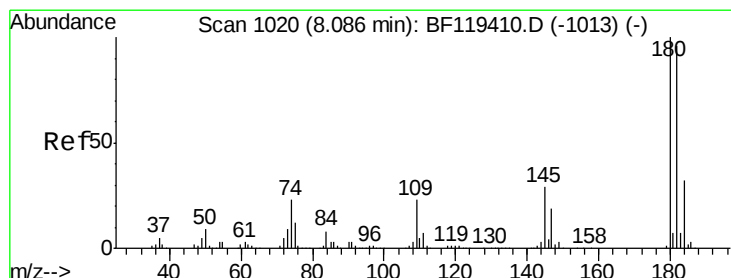
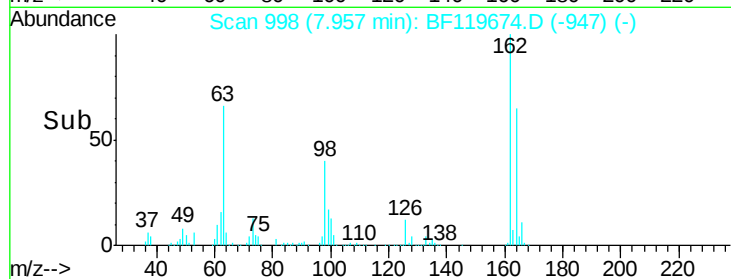
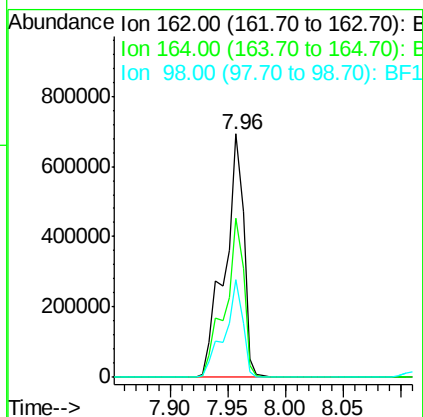
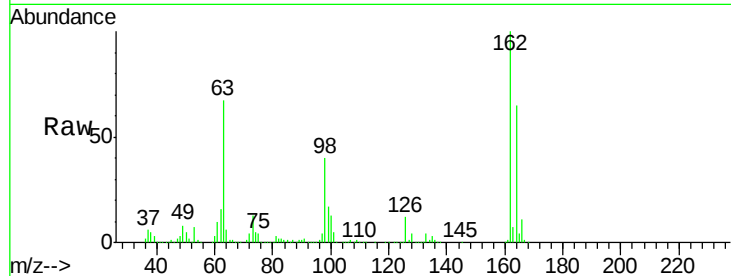




#29
2,4-Dichlorophenol
Concen: 52.67 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

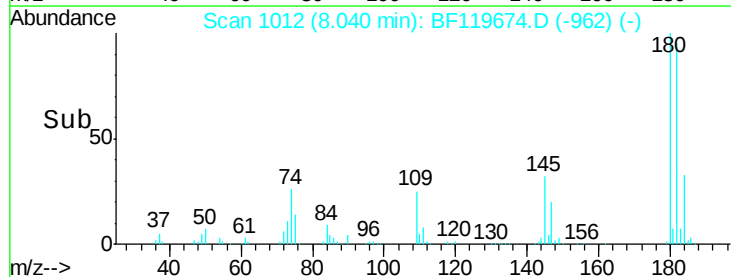
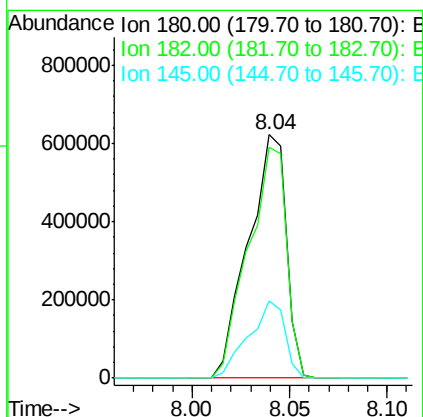
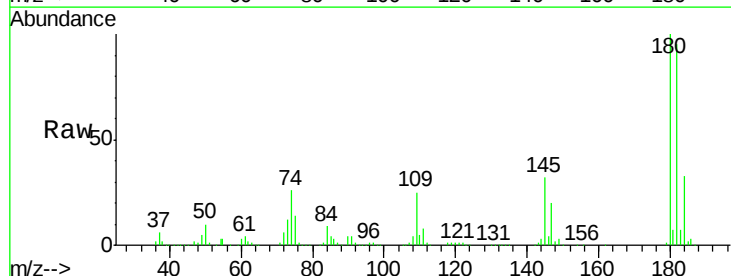
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

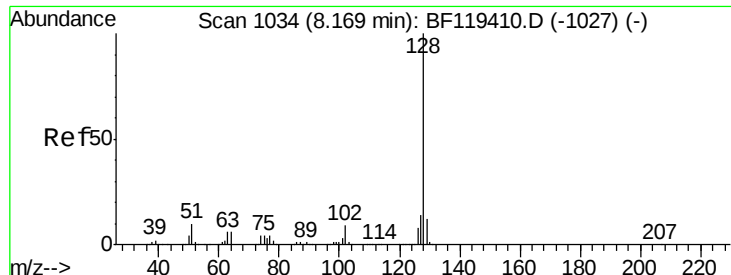
Tgt Ion:162 Resp: 792098
Ion Ratio Lower Upper
162 100
164 65.3 44.7 84.7
98 40.4 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 50.40 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:180 Resp: 838270
Ion Ratio Lower Upper
180 100
182 94.7 74.7 112.1
145 31.6 24.5 36.7

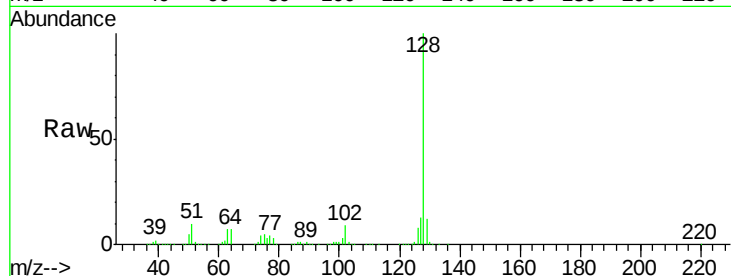




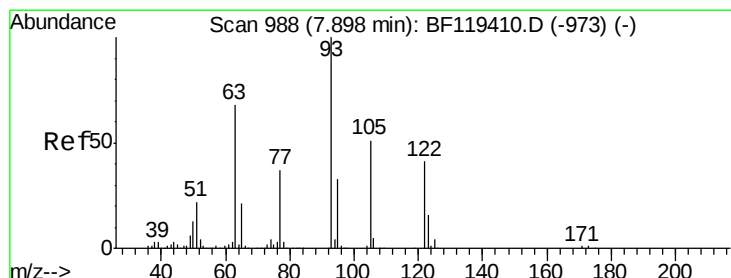
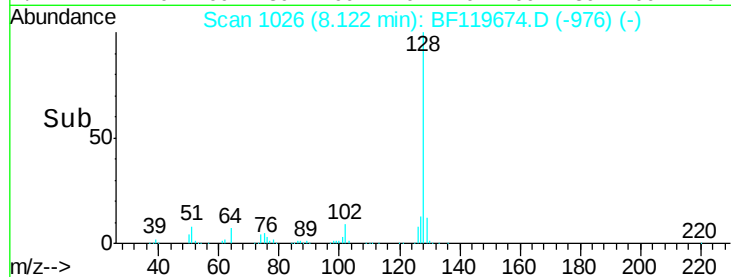
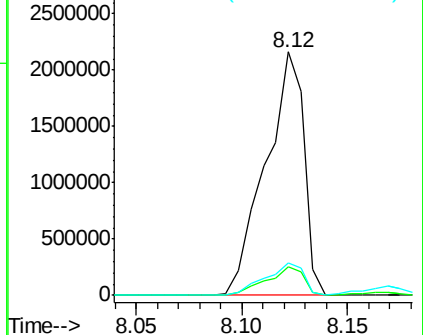
#31
Naphthalene
Concen: 51.68 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion:128 Resp: 2718965
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 11.3 16.9

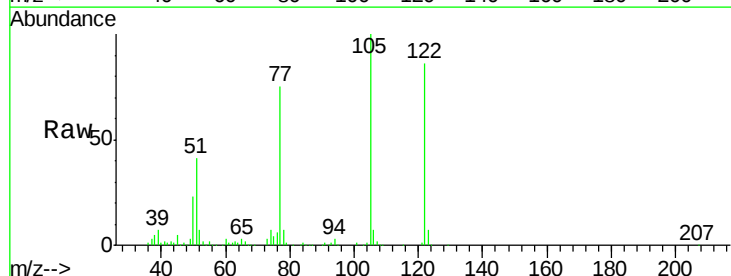


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

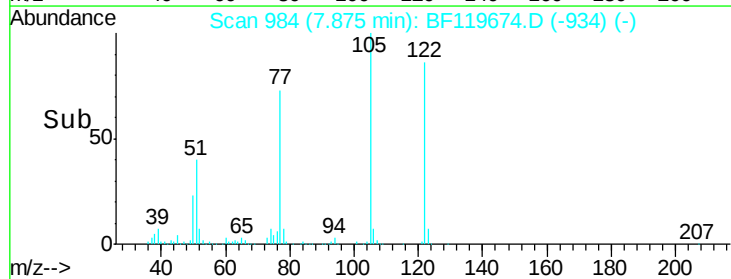
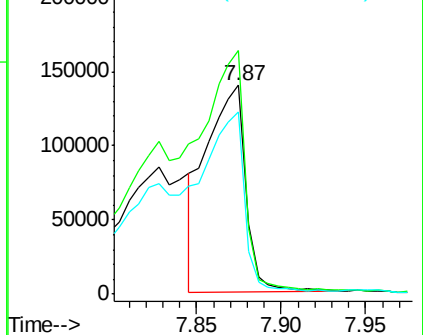


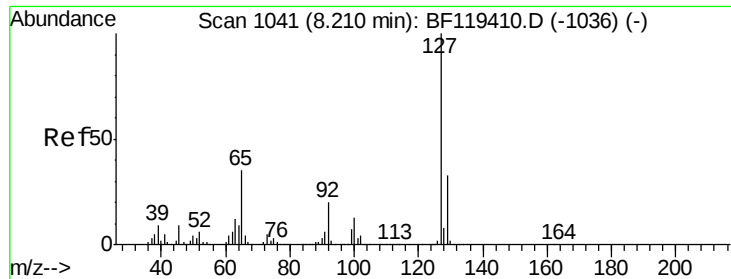
#32
Benzoic acid
Concen: 21.45 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:122 Resp: 225828
Ion Ratio Lower Upper
122 100
105 116.8 104.9 144.9
77 87.2 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

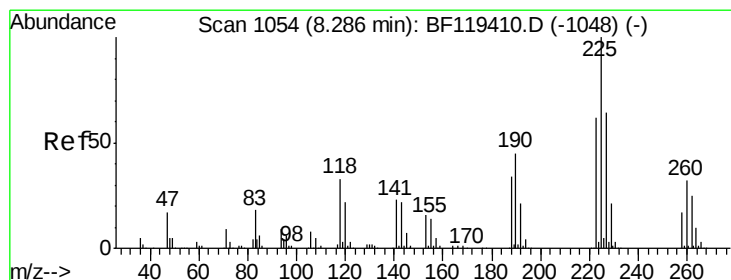
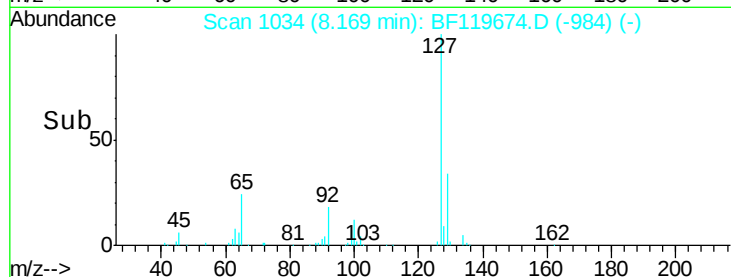
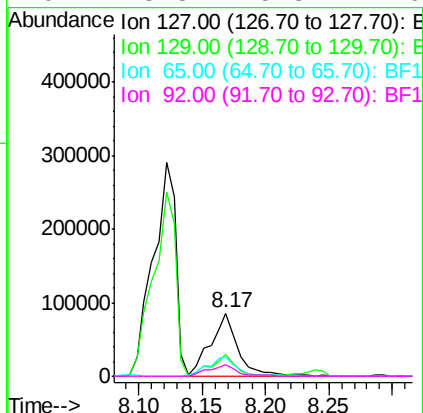
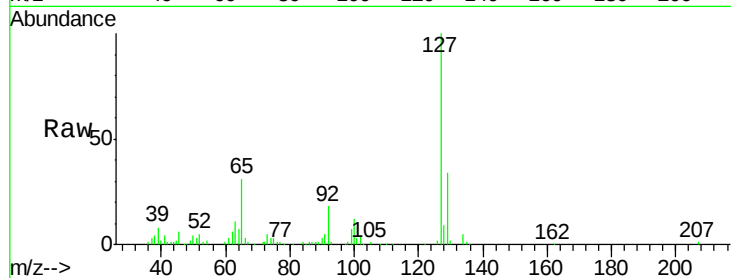




#33
 4-Chloroaniline
 Concen: 5.34 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

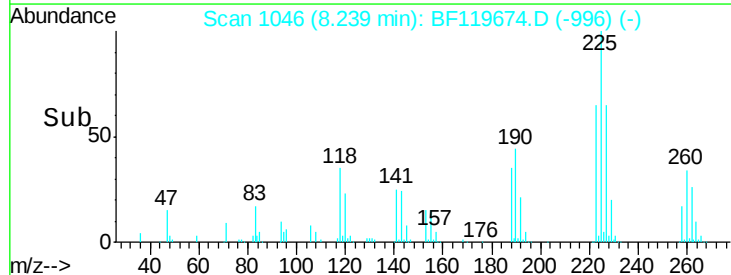
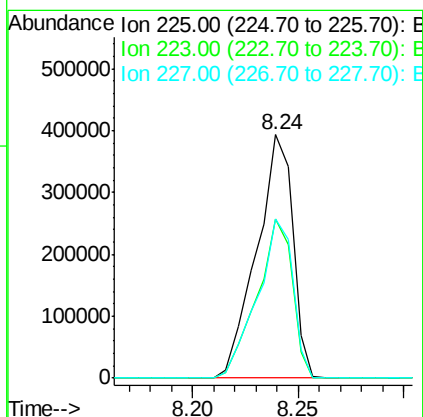
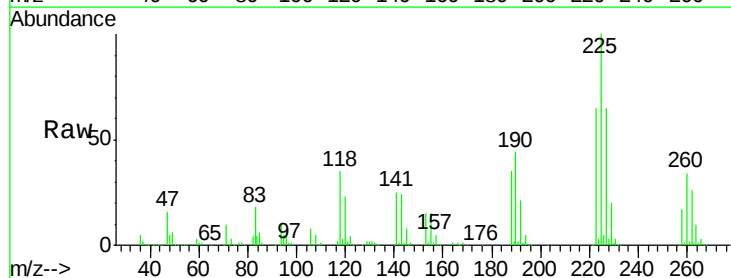
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

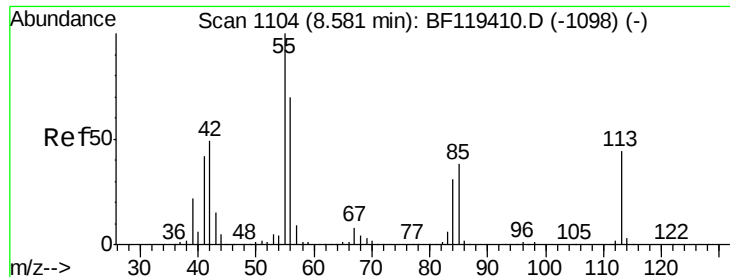
Tgt Ion:	127	Resp:	128717
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.2	39.4
65	30.7	27.4	41.0
92	18.3	15.3	22.9



#34
 Hexachlorobutadiene
 Concen: 50.39 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:	225	Resp:	468934
Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.0	76.6
227	65.4	50.7	76.1

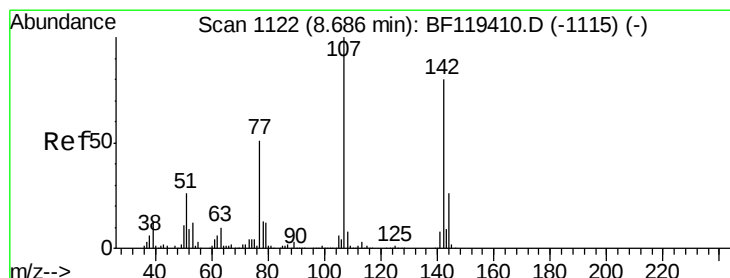
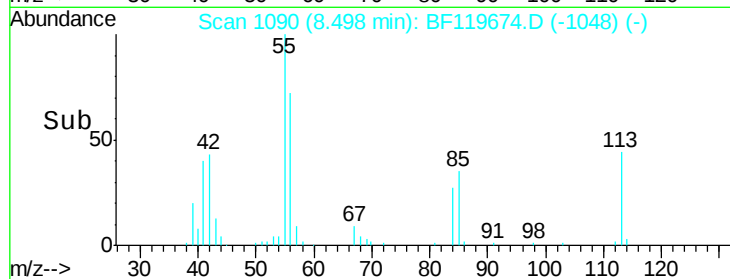
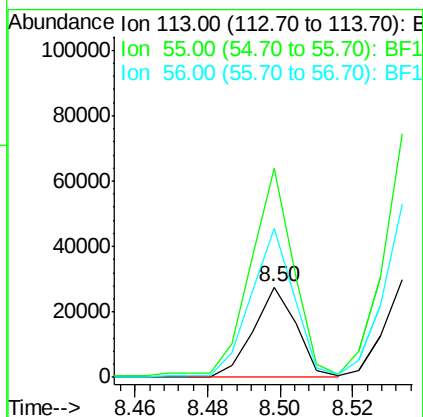
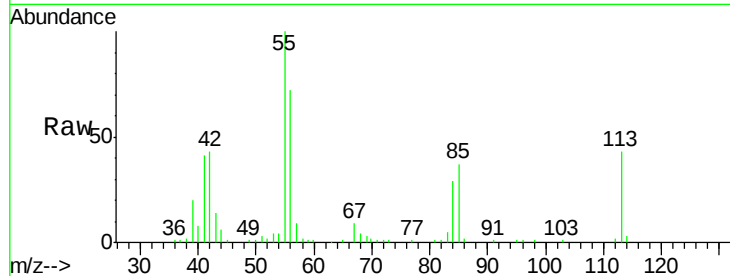




#35
 Caprolactam
 Concen: 4.62 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

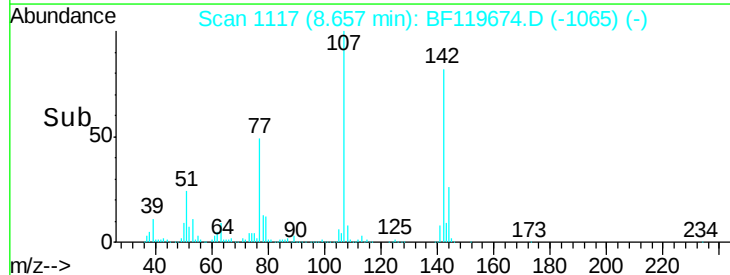
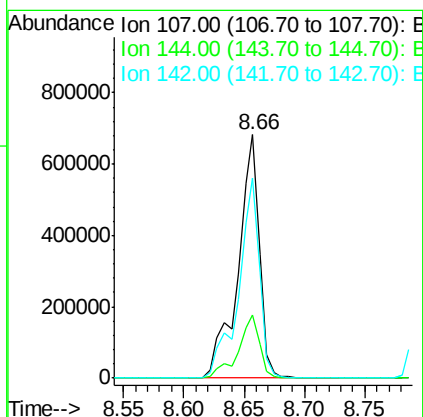
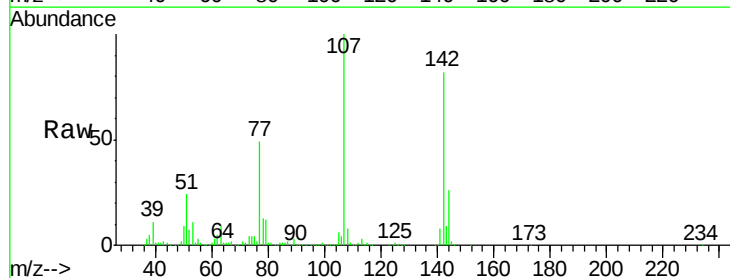
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

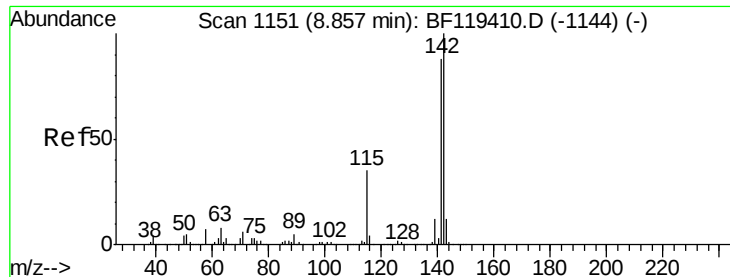
Tgt Ion:113 Resp: 22724
 Ion Ratio Lower Upper
 113 100
 55 231.3 218.4 258.4
 56 165.4 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 51.33 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:107 Resp: 843833
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.6
 142 82.1 64.4 96.6

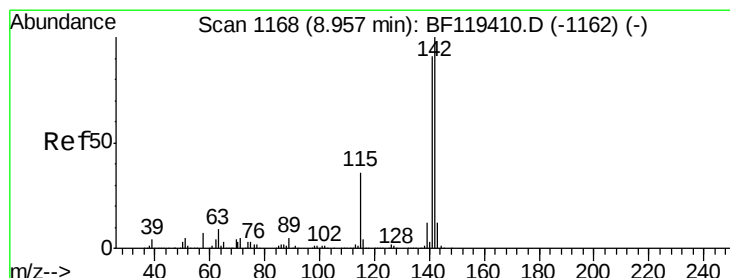
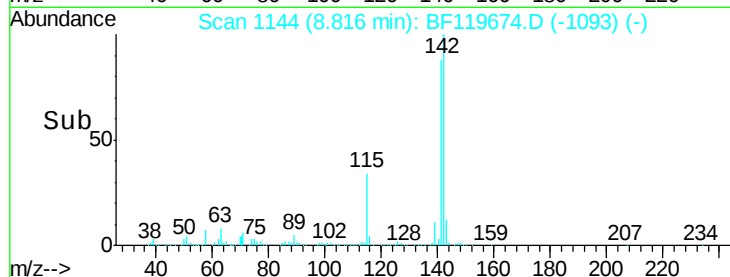
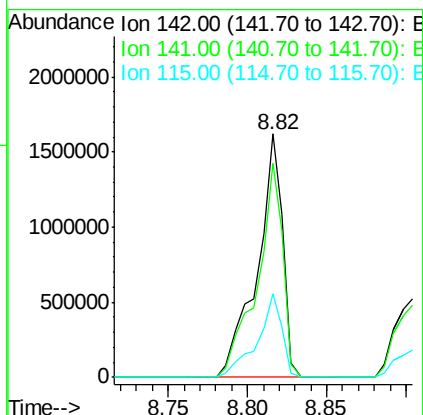
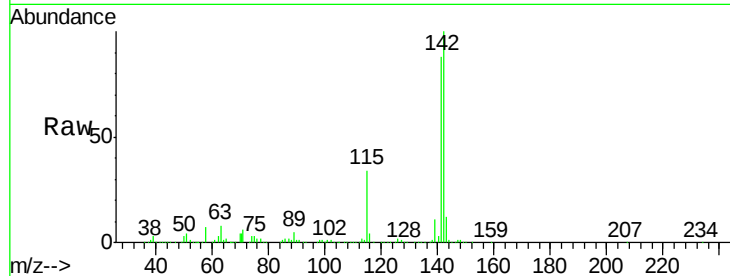




#37
 2-Methylnaphthalene
 Concen: 52.95 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

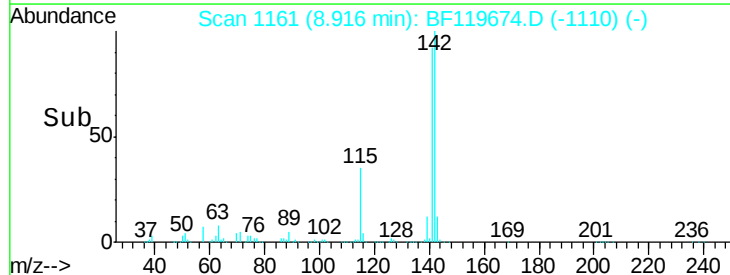
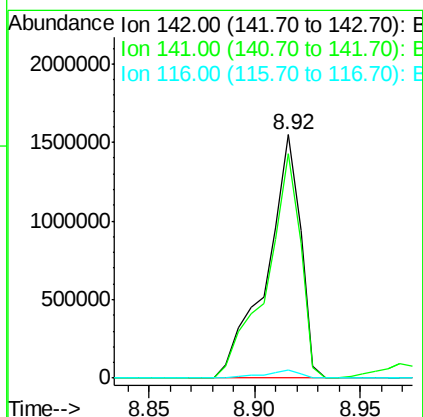
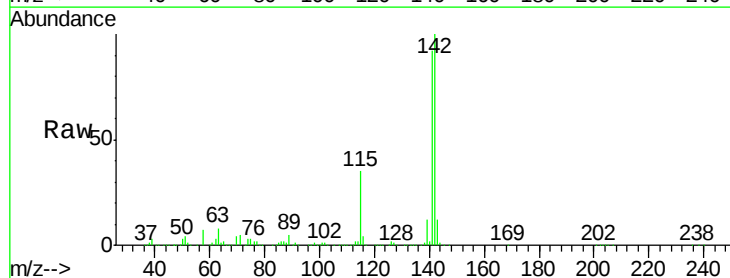
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

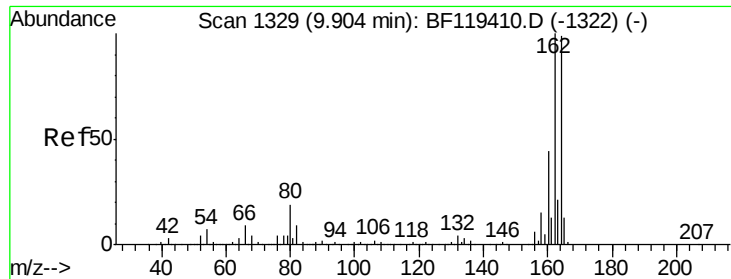
Tgt Ion:142 Resp: 1828509
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.7 107.5
 115 34.1 27.9 41.9



#38
 1-Methylnaphthalene
 Concen: 52.99 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:142 Resp: 1731744
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.7 110.5
 116 3.6 3.0 4.6

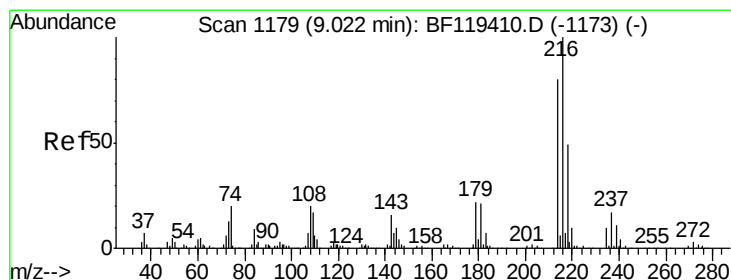
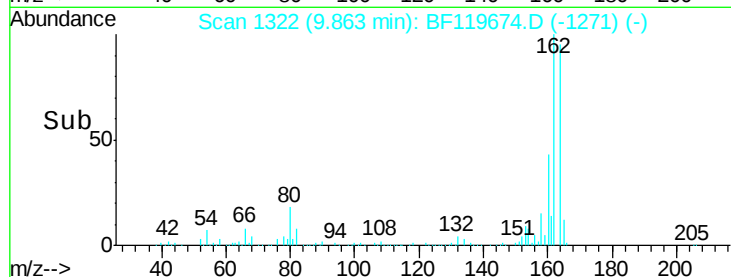
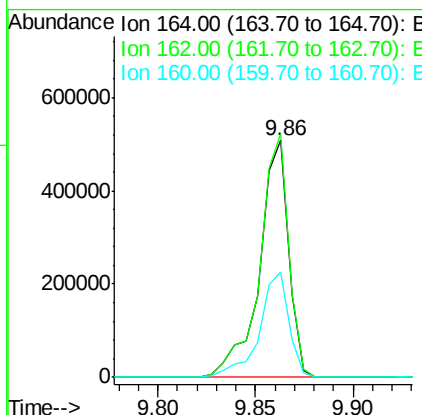
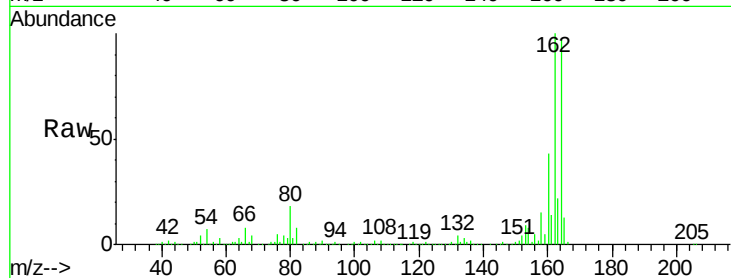




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

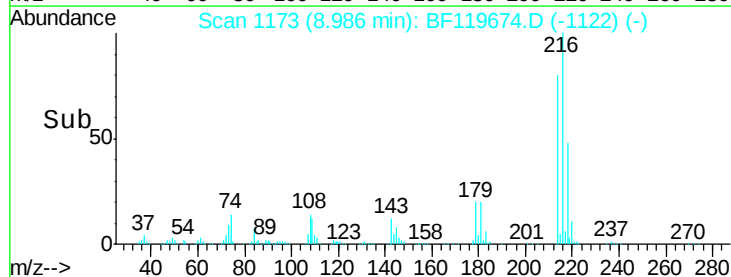
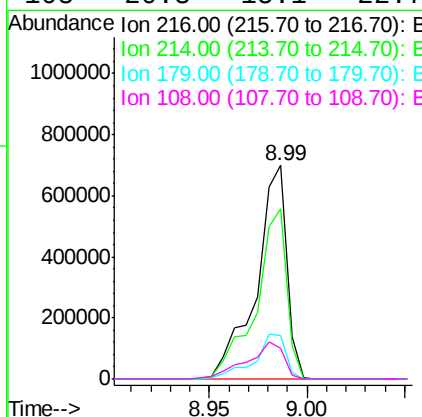
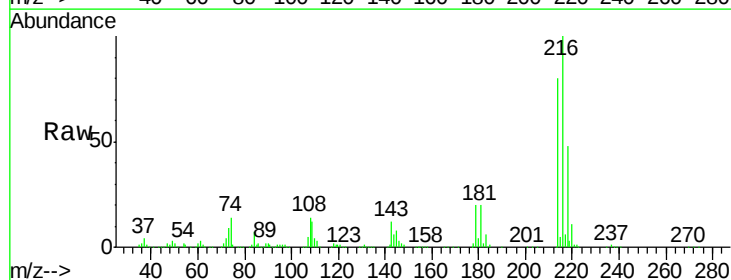
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

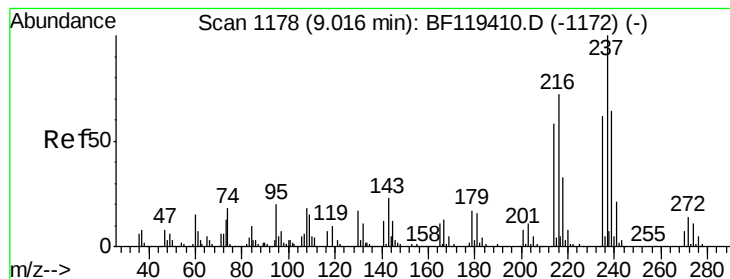
Tgt Ion:164 Resp: 529366
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 121.0
 160 44.3 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.29 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:216 Resp: 764855
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.2 94.8
 179 21.5 17.1 25.7
 108 20.3 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 102.28 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

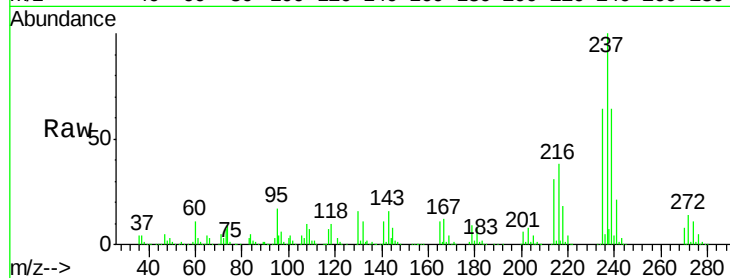
Tgt Ion: 237 Resp: 902250

Ion Ratio Lower Upper

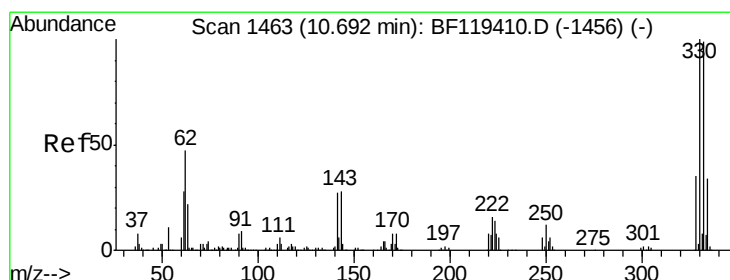
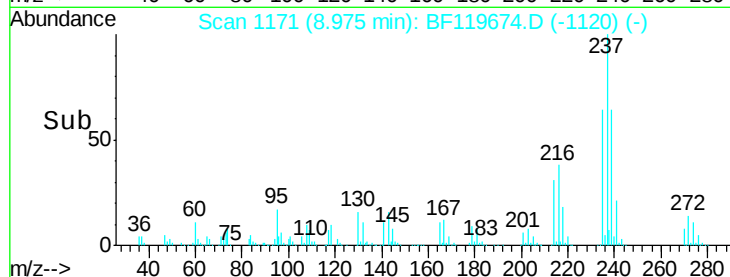
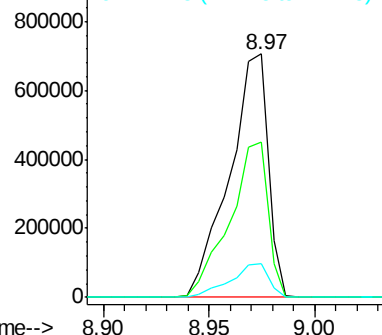
237 100

235 63.7 43.2 83.2

272 14.0 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: 152.93 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

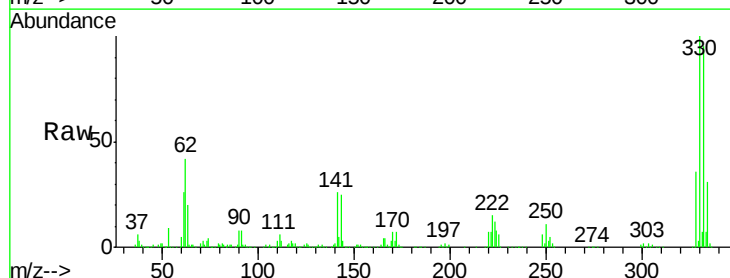
Tgt Ion: 330 Resp: 835188

Ion Ratio Lower Upper

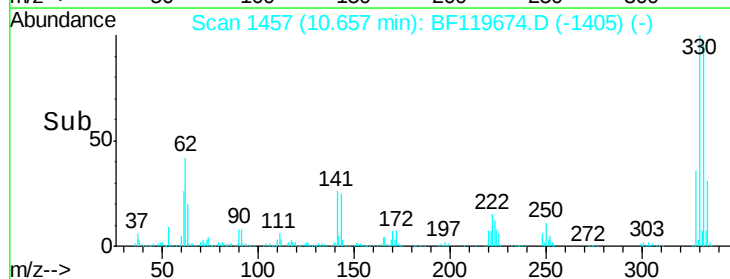
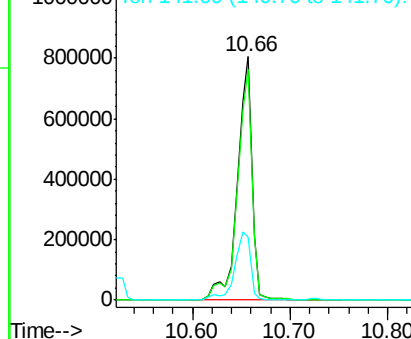
330 100

332 95.7 75.7 113.5

141 30.7 25.4 38.0



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

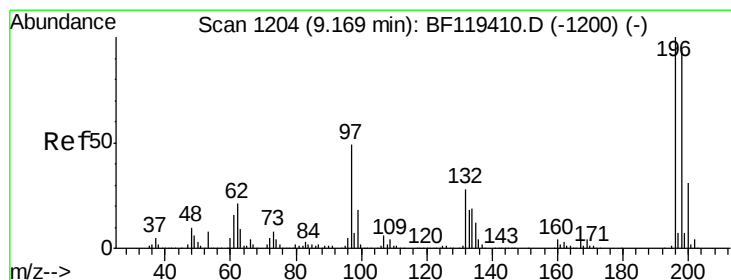
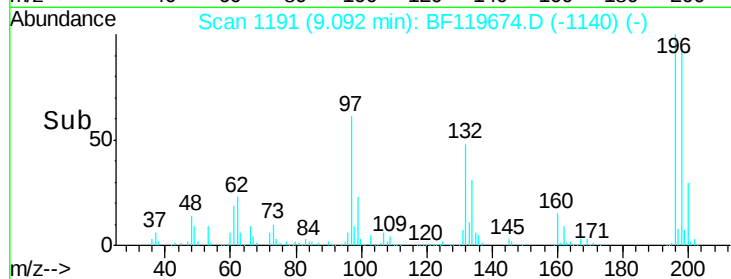
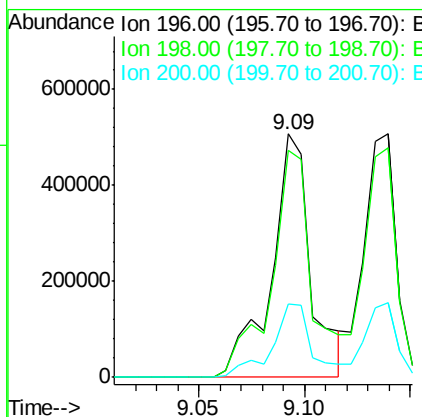
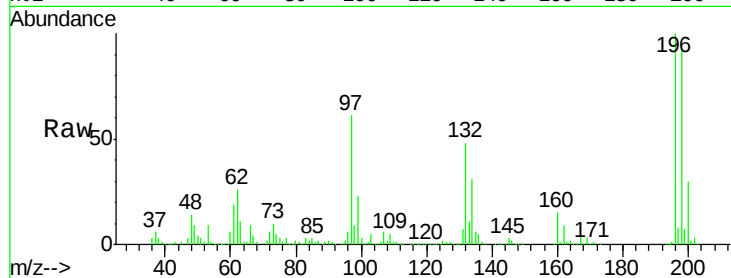




#43
 2,4,6-Trichlorophenol
 Concen: 59.16 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

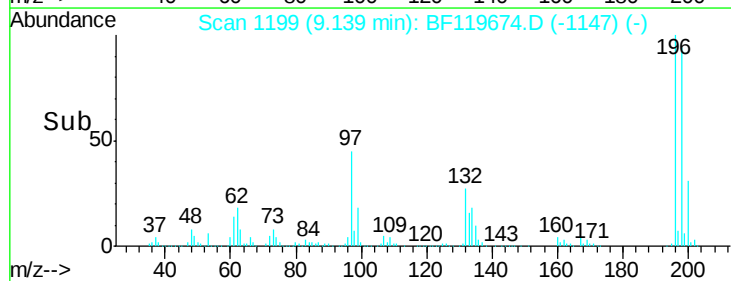
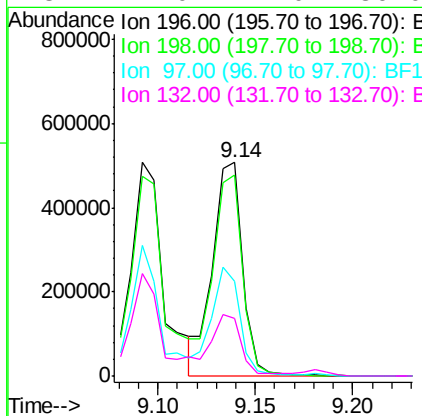
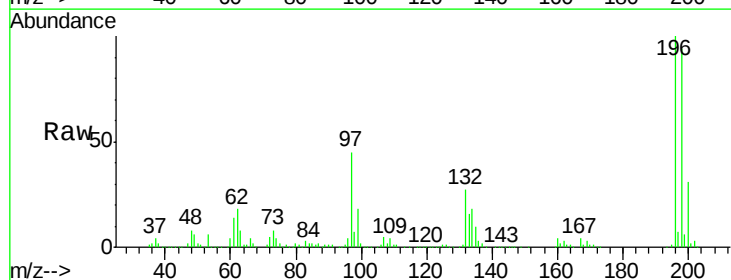
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

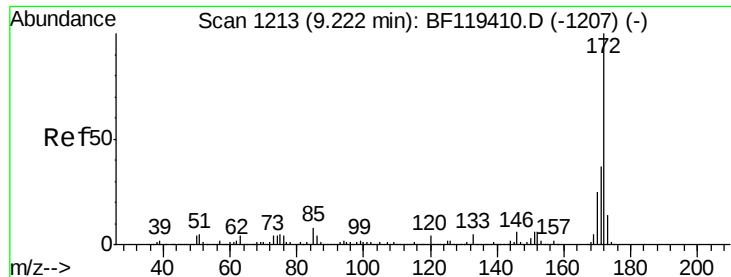
Tgt Ion:196 Resp: 656884
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 200 29.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.54 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:196 Resp: 541539
 Ion Ratio Lower Upper
 196 100
 198 94.2 73.8 110.8
 97 44.6 42.6 63.8
 132 27.0 24.0 36.0

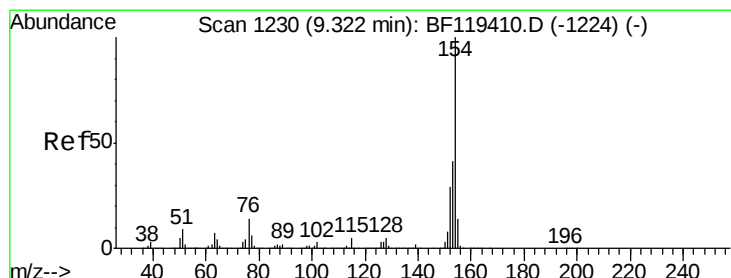
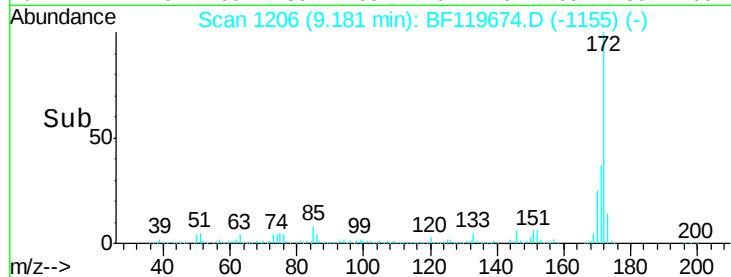
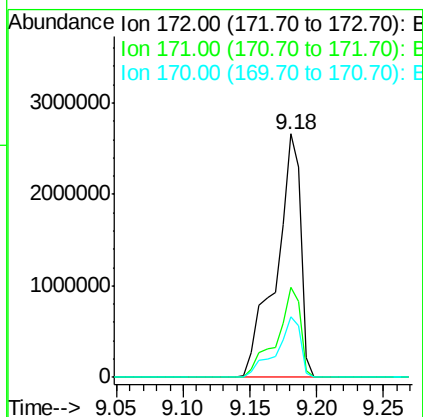
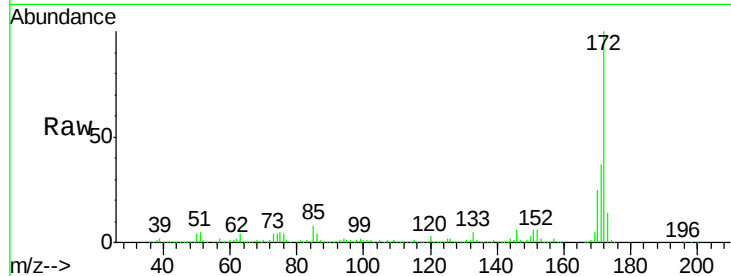




#45
 2-Fluorobiphenyl
 Concen: 96.12 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

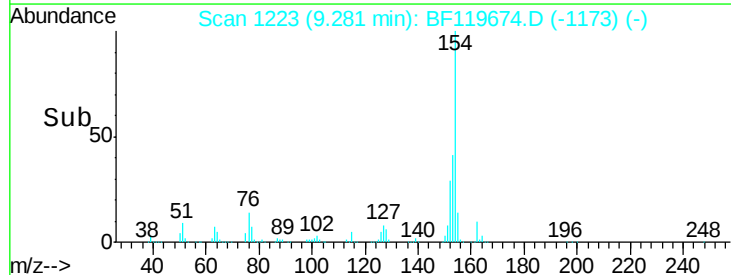
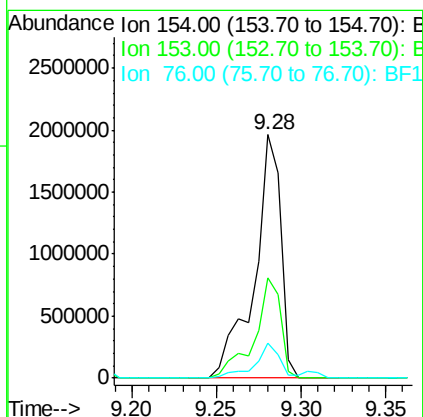
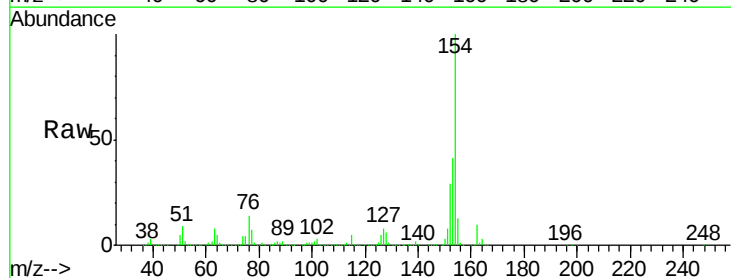
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

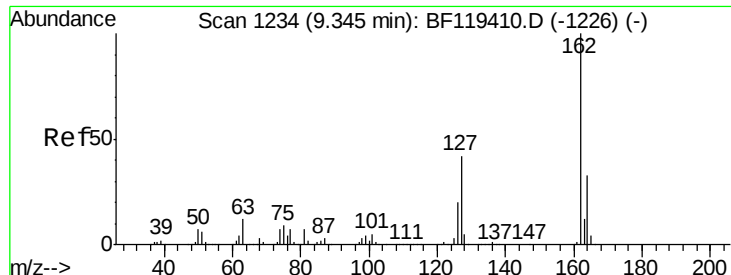
Tgt Ion:172 Resp: 3434498
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 49.72 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:154 Resp: 2143488
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.4 61.4
 76 14.4 0.0 33.0

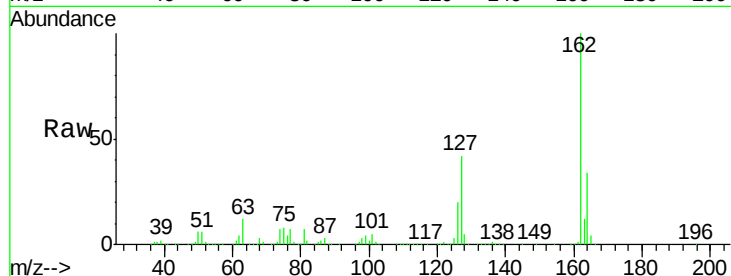




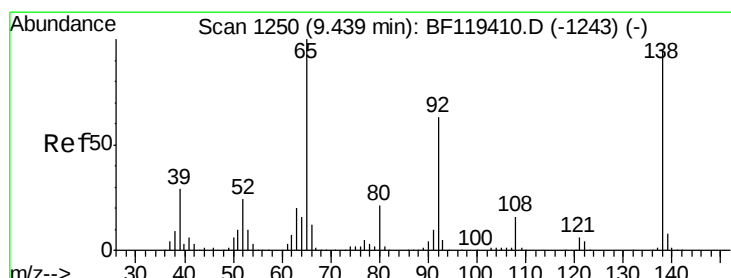
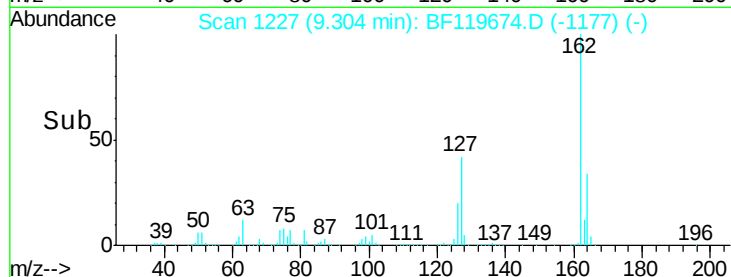
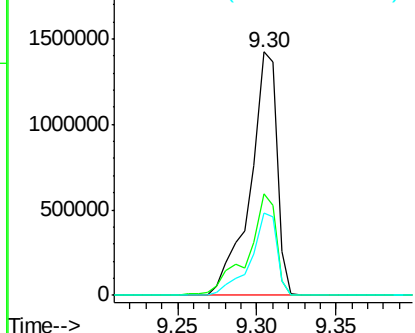
#47
 2-Chloronaphthalene
 Concen: 49.58 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

Tgt Ion: 162 Resp: 1674297
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.7 50.5
 164 33.7 26.3 39.5

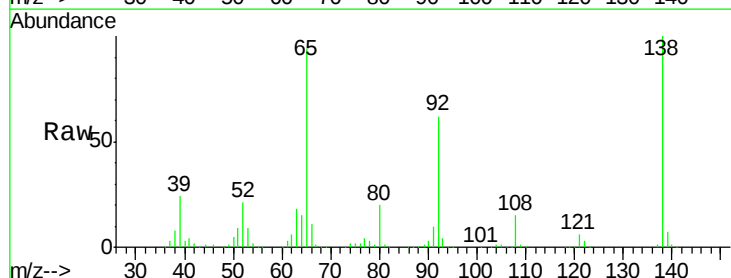


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

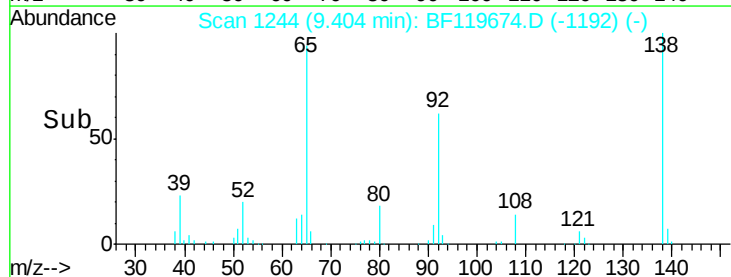
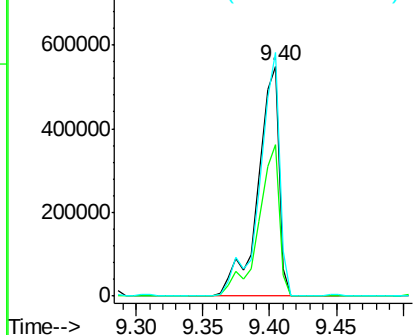


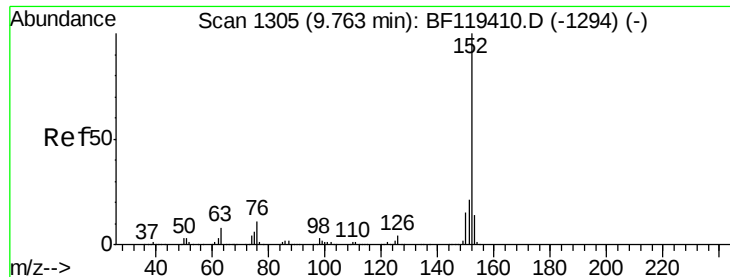
#48
 2-Nitroaniline
 Concen: 51.28 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion: 65 Resp: 597719
 Ion Ratio Lower Upper
 65 100
 92 66.0 50.0 75.0
 138 106.1 75.0 112.4



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





#49

Acenaphthylene

Concen: 49.80 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

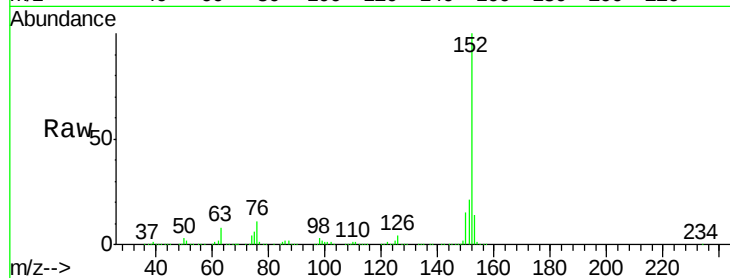
Tgt Ion:152 Resp: 2640871

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

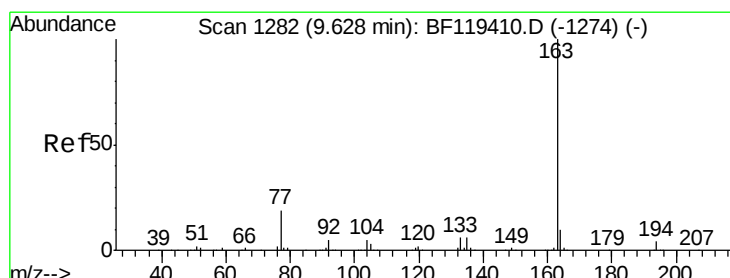
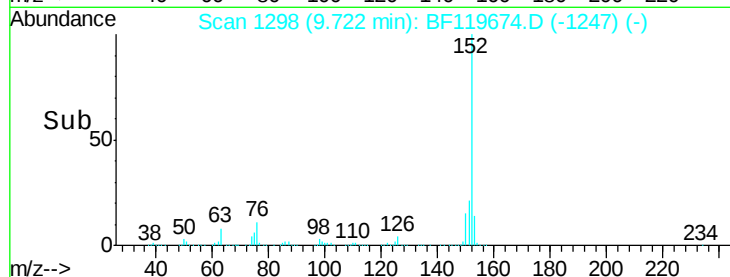
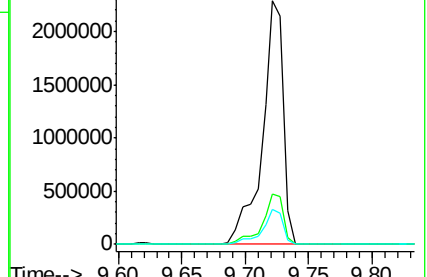
153 14.2 11.2 16.8



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: 44.65 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

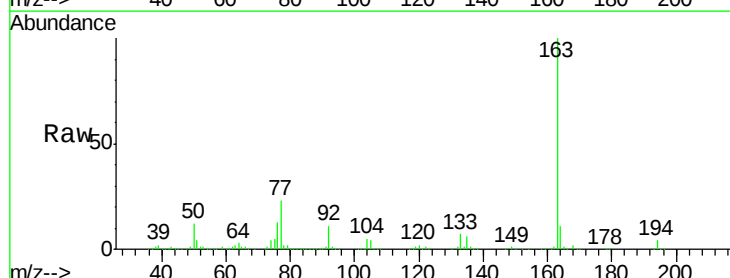
Tgt Ion:163 Resp: 1679076

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

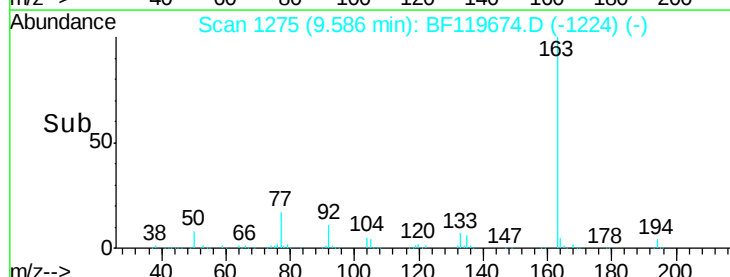
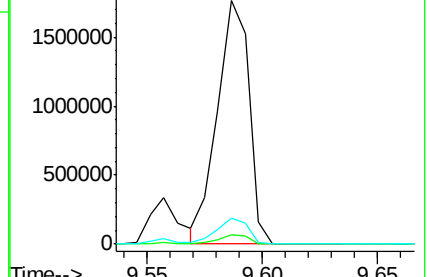
164 10.5 8.2 12.2

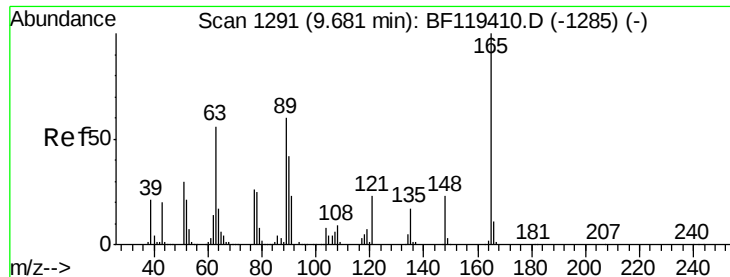


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

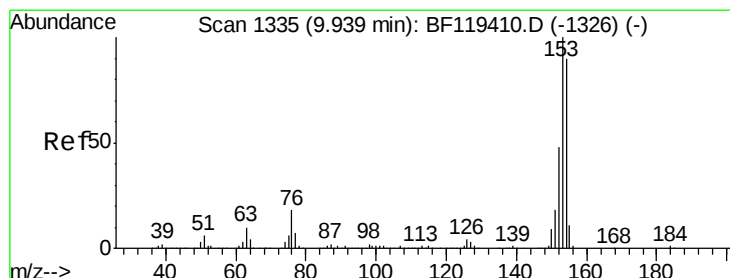
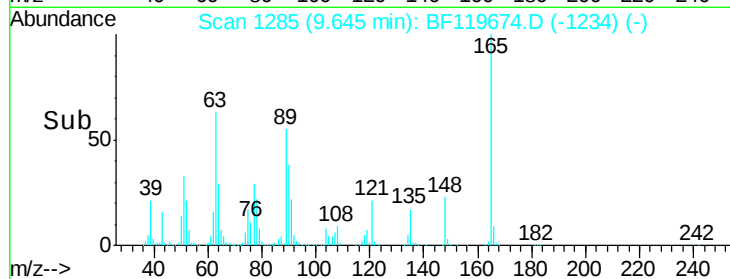
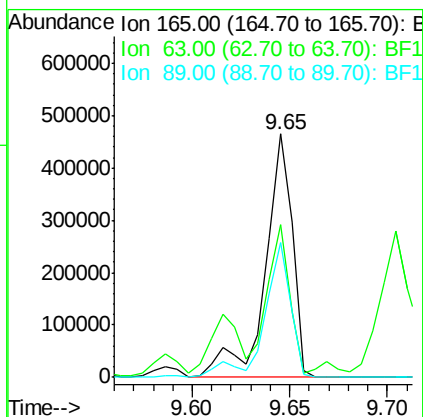
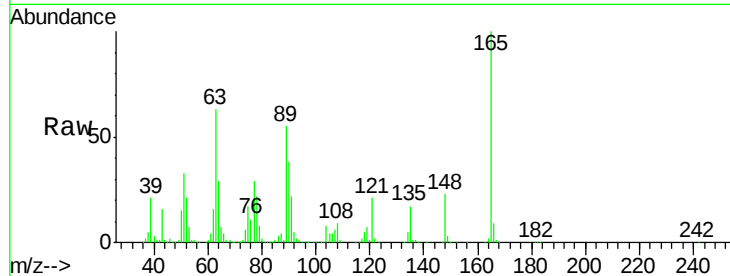




#51
2,6-Dinitrotoluene
Concen: 55.78 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

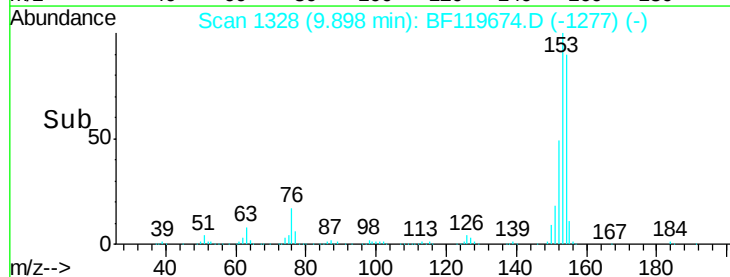
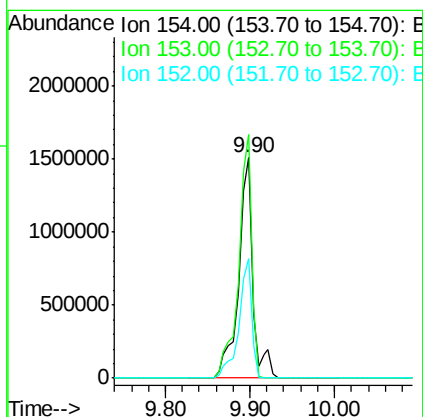
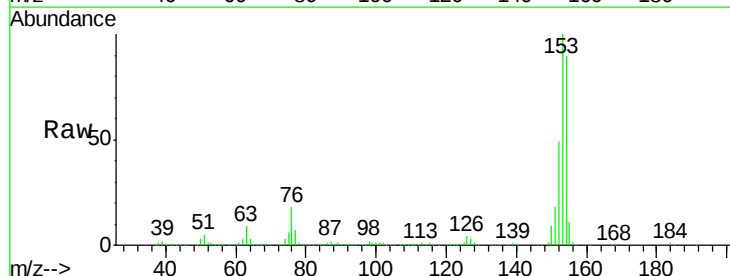
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

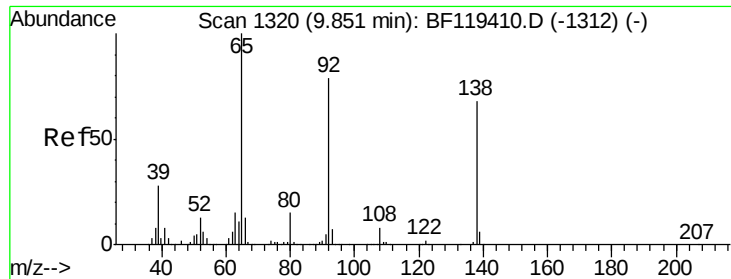
Tgt Ion:165 Resp: 449554
Ion Ratio Lower Upper
165 100
63 62.6 45.0 67.4
89 55.2 41.5 62.3



#52
Acenaphthene
Concen: 53.13 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:154 Resp: 1756605
Ion Ratio Lower Upper
154 100
153 110.6 88.1 132.1
152 54.1 43.0 64.4

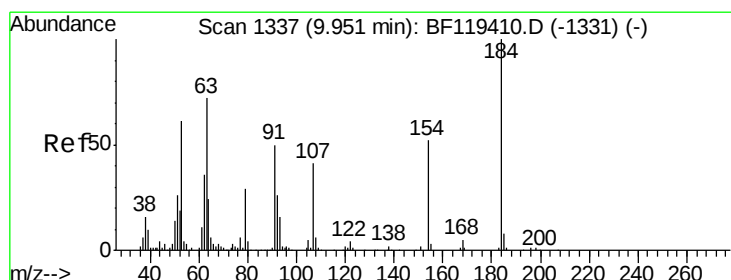
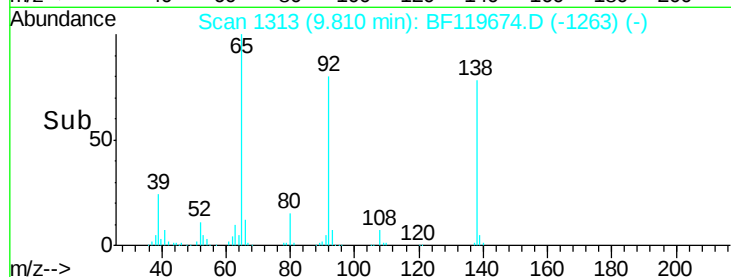
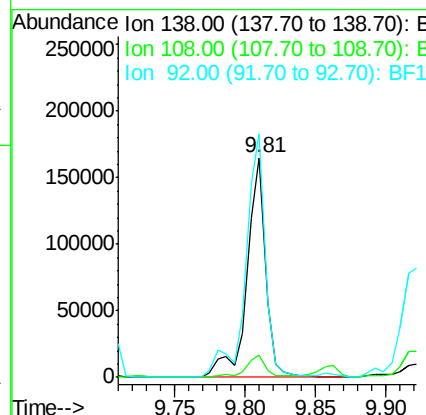
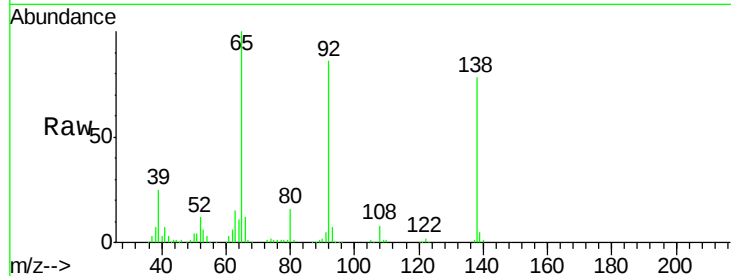




#53
 3-Nitroaniline
 Concen: 15.08 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

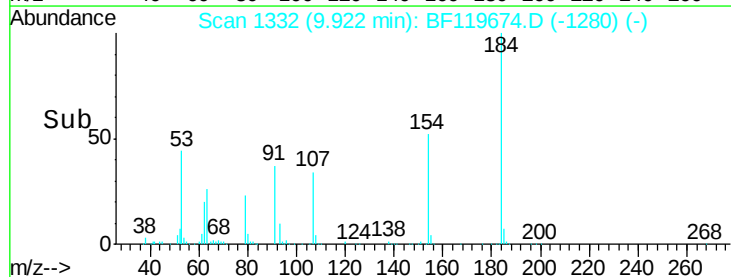
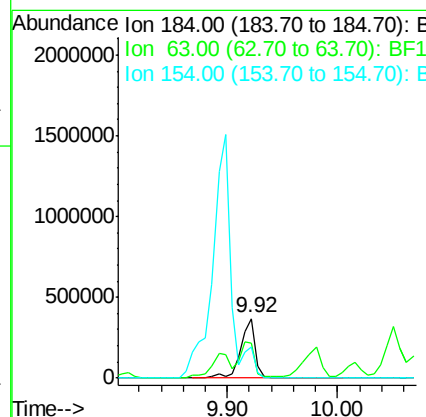
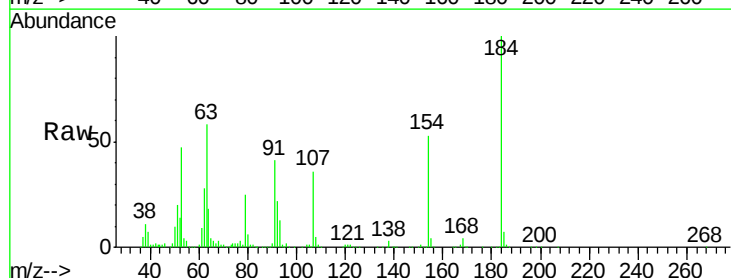
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

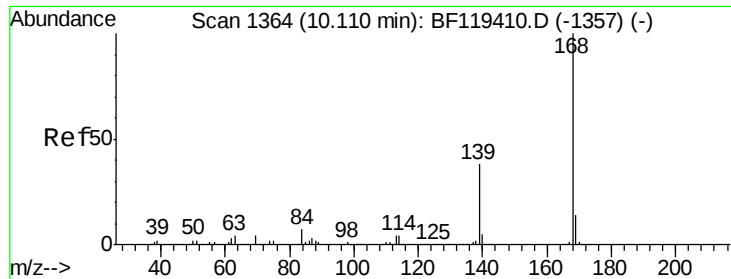
Tgt Ion:138 Resp: 153487
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.6 13.0
 92 110.8 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 95.81 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:184 Resp: 339643
 Ion Ratio Lower Upper
 184 100
 63 58.5 50.2 75.4
 154 52.6 44.5 66.7

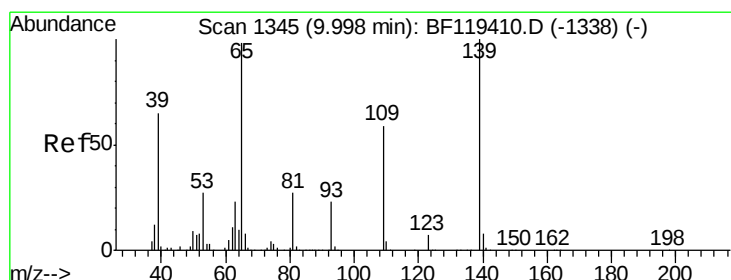
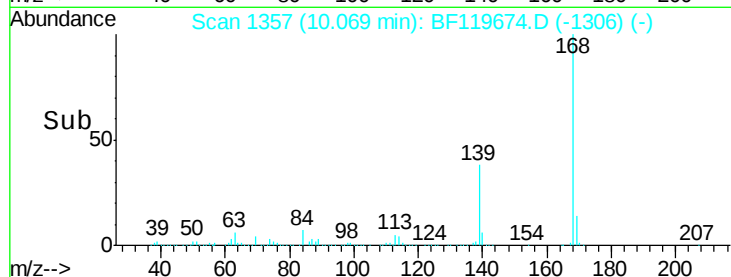
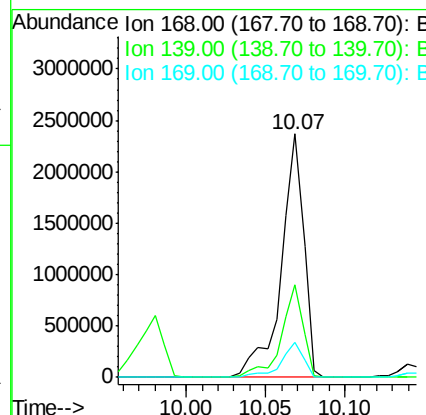
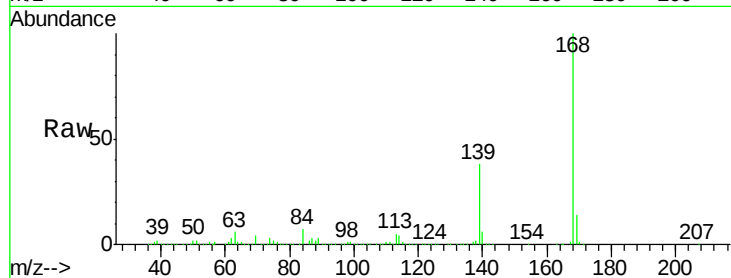




#55
 Dibenzofuran
 Concen: 49.59 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

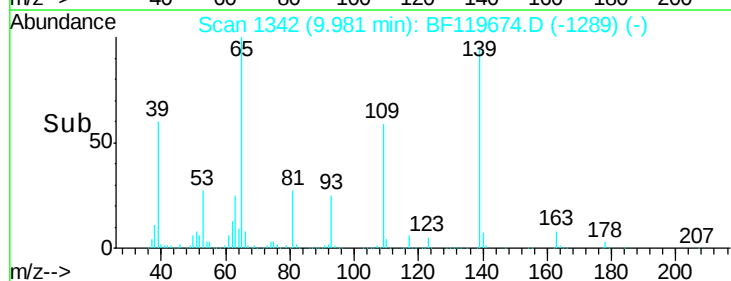
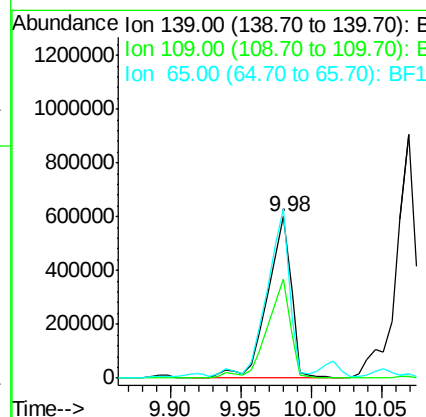
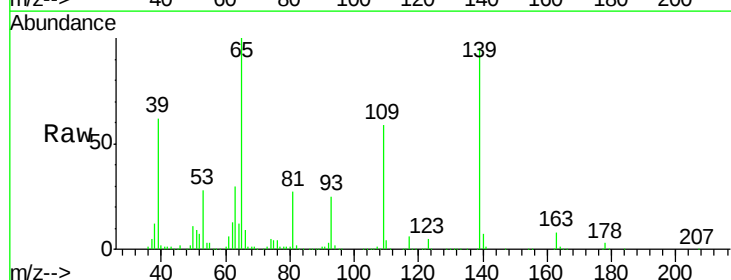
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

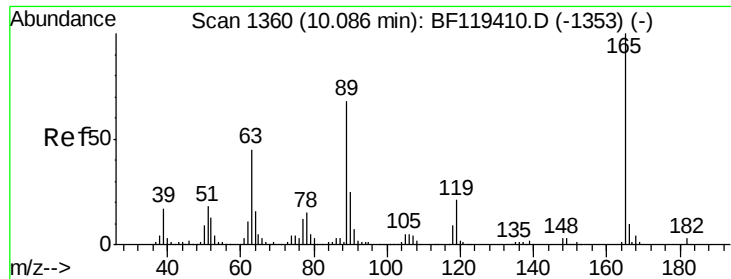
Tgt Ion:168 Resp: 2350519
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 14.3 11.0 16.6



#56
 4-Nitrophenol
 Concen: 88.82 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:139 Resp: 712963
 Ion Ratio Lower Upper
 139 100
 109 61.7 43.3 83.3
 65 105.3 91.0 131.0

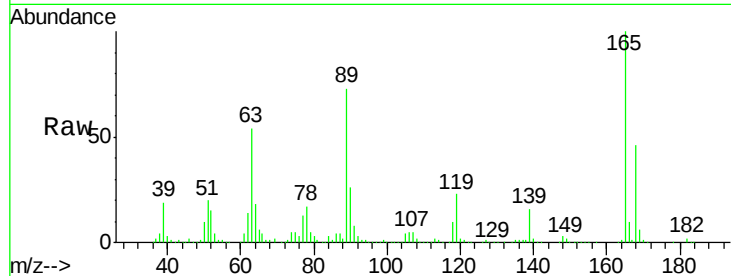




#57
2,4-Dinitrotoluene
Concen: 58.64 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion:	165	Resp:	595392
Ion	Ratio	Lower	Upper
165	100		
63	53.5	42.6	64.0
89	73.5	61.0	91.4
182	2.5	2.2	3.2

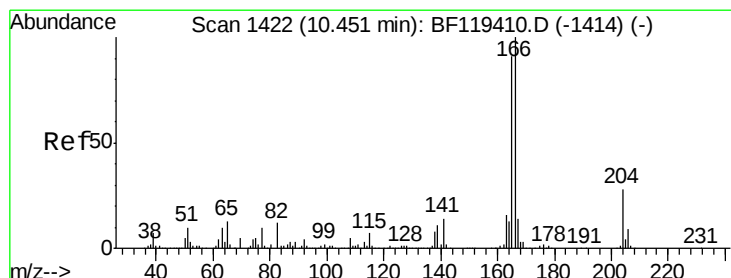
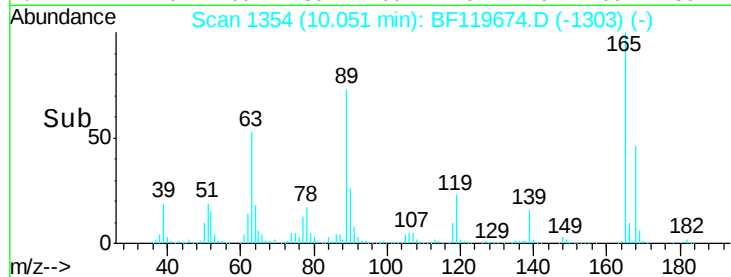
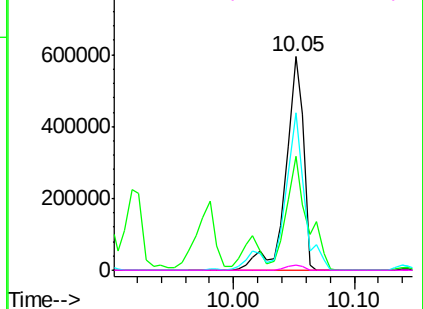


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

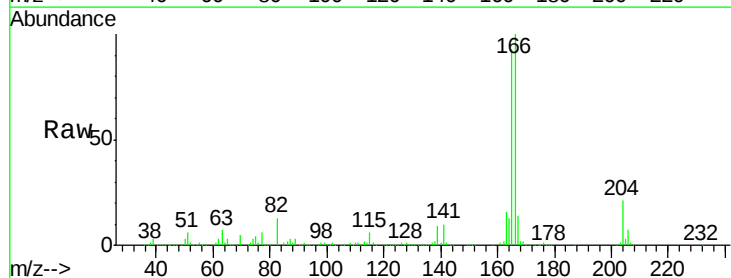
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.22 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

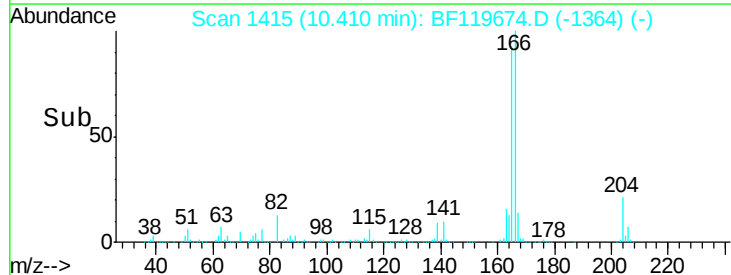
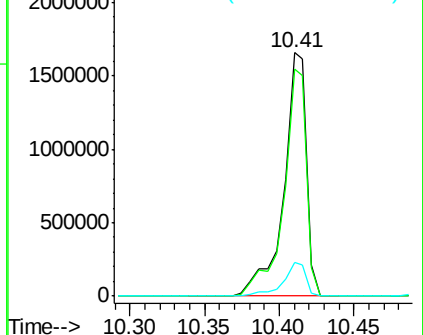
Tgt Ion:	166	Resp:	1795315
Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.4	113.2
167	13.9	11.2	16.8

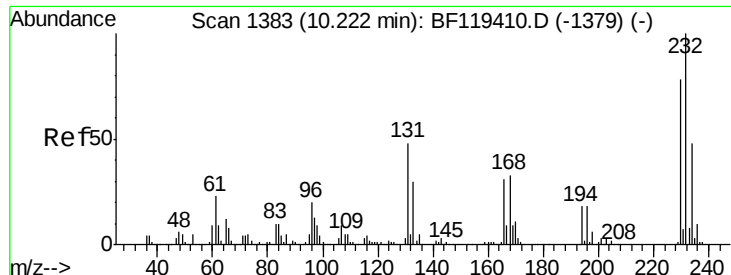


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

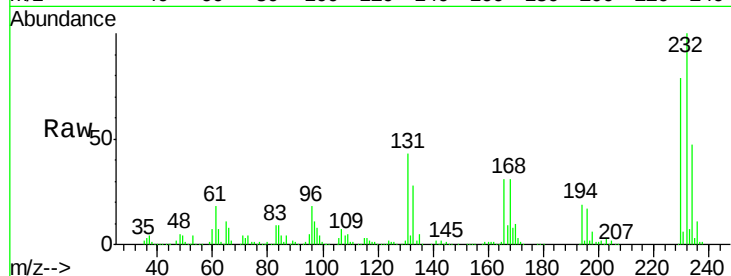




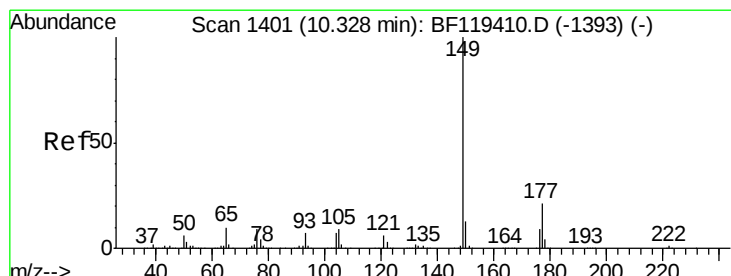
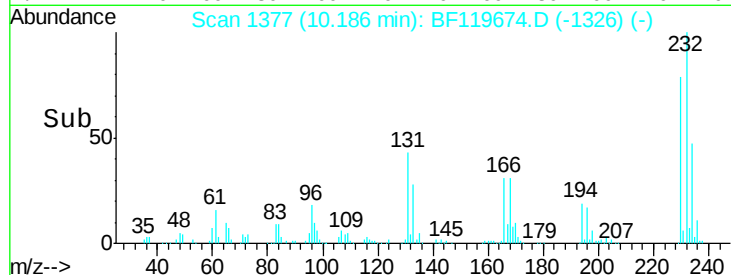
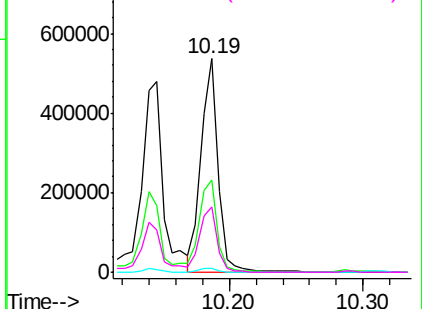
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.83 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

Tgt Ion: 232 Resp: 472559
 Ion Ratio Lower Upper
 232 100
 131 47.3 37.5 56.3
 130 2.3 1.8 2.6
 166 30.8 24.6 36.8

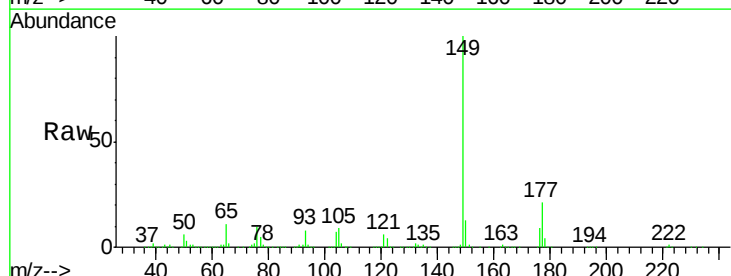


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

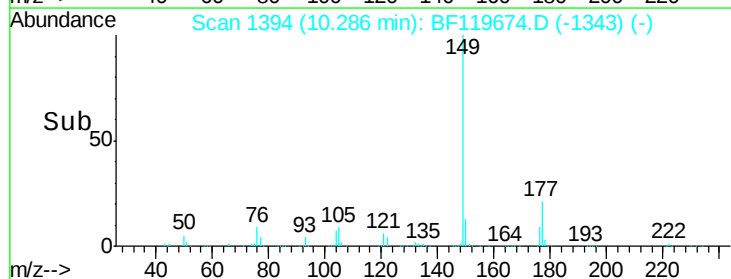
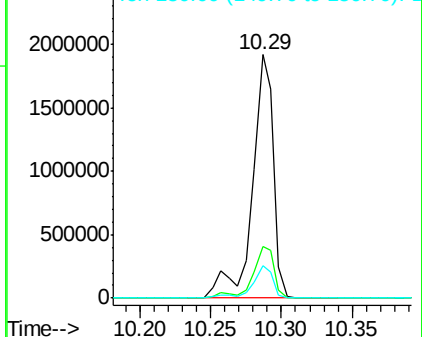


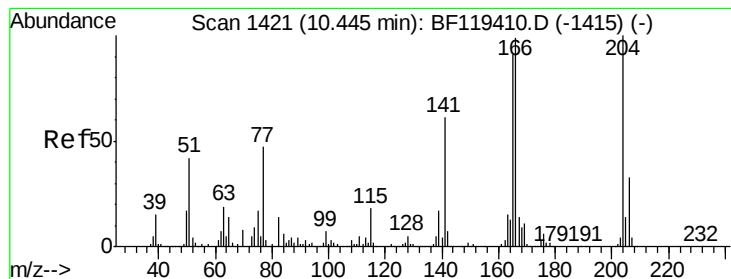
#60
 Diethylphthalate
 Concen: 52.60 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion: 149 Resp: 2007337
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.0 25.6
 150 13.1 10.1 15.1



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





#61

4-Chlorophenyl-phenylether

Concen: 50.78 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

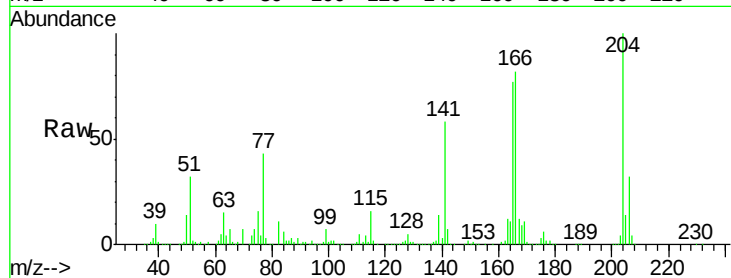
Tgt Ion:204 Resp: 870516

Ion Ratio Lower Upper

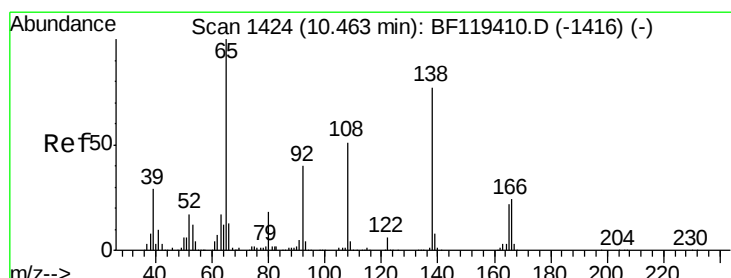
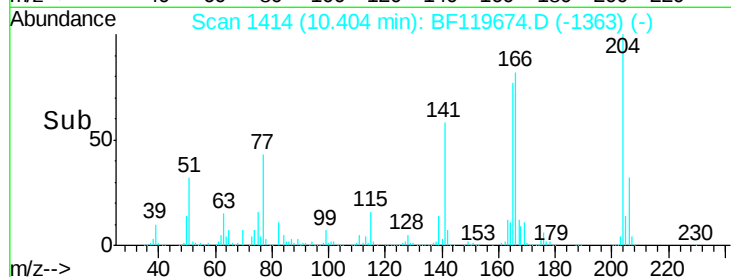
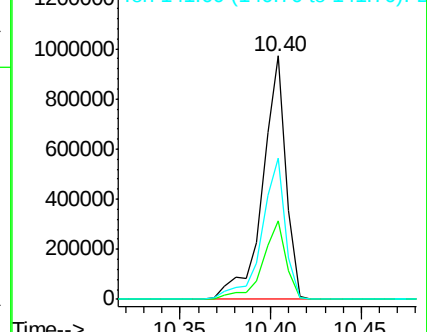
204 100

206 32.5 26.7 40.1

141 58.1 47.3 70.9



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



#62

4-Nitroaniline

Concen: 46.42 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

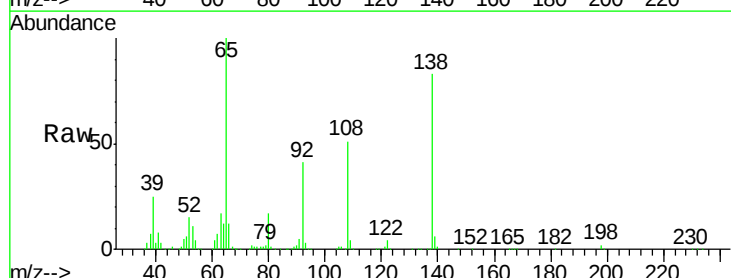
Tgt Ion:138 Resp: 452887

Ion Ratio Lower Upper

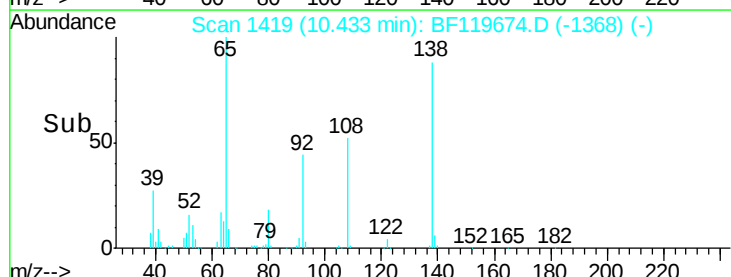
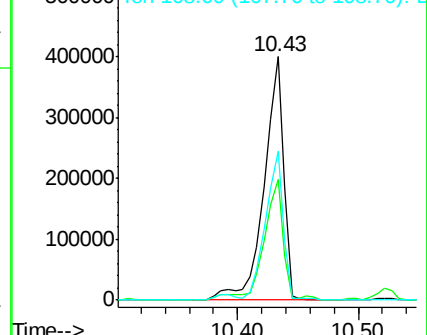
138 100

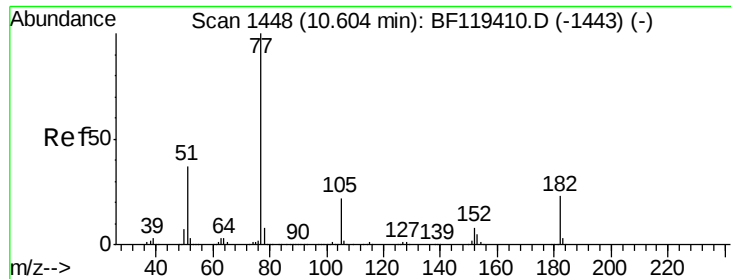
92 49.8 31.5 71.5

108 61.2 45.8 85.8



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

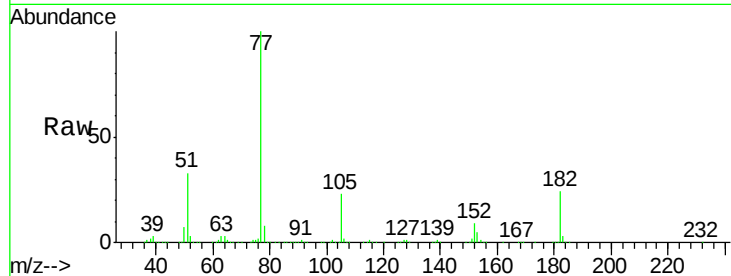




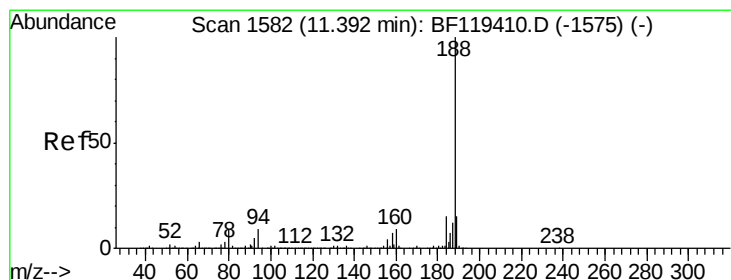
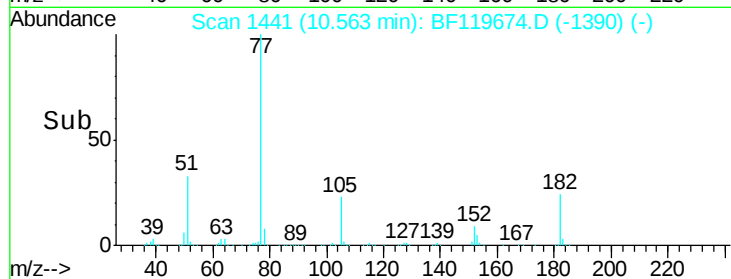
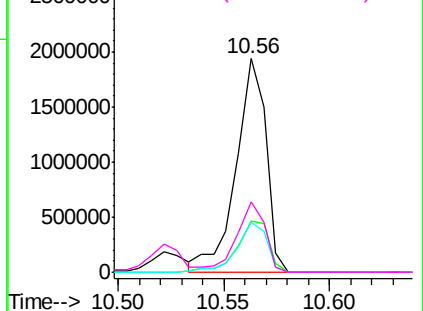
#63
Azobenzene
Concen: 49.57 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion: 77 Resp: 1904966
Ion Ratio Lower Upper
77 100
182 24.1 4.4 44.4
105 23.4 2.6 42.6
51 33.3 15.1 55.1

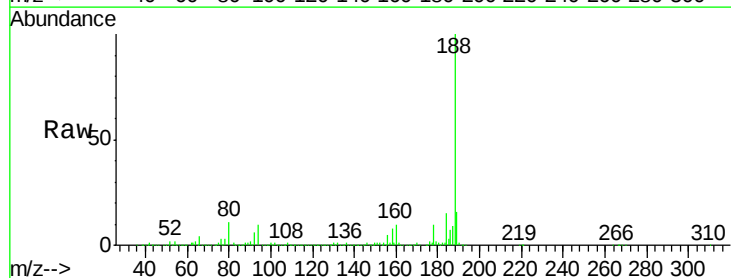


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

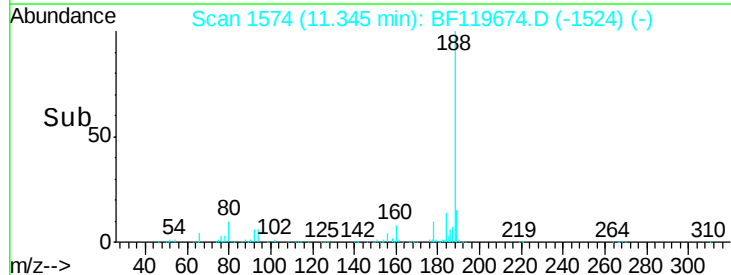
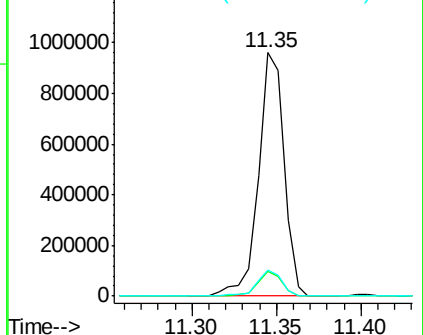


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion: 188 Resp: 1013283
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.8 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

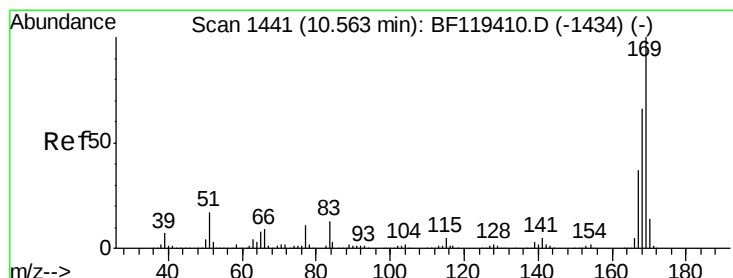
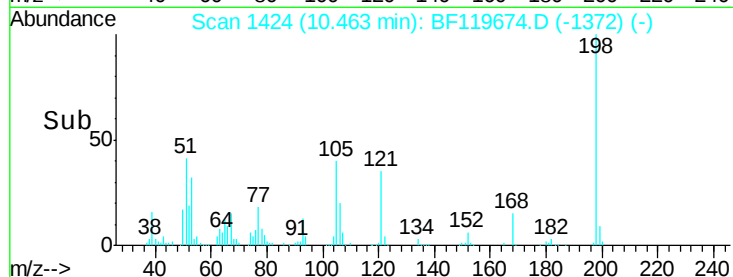
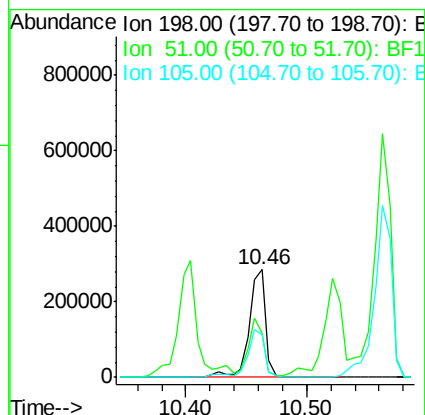
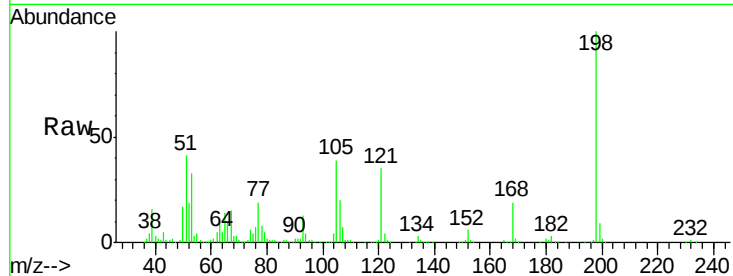




#65
 4,6-Dinitro-2-methylphenol
 Concen: 63.62 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

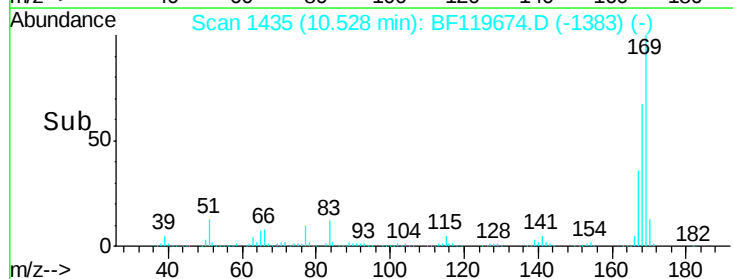
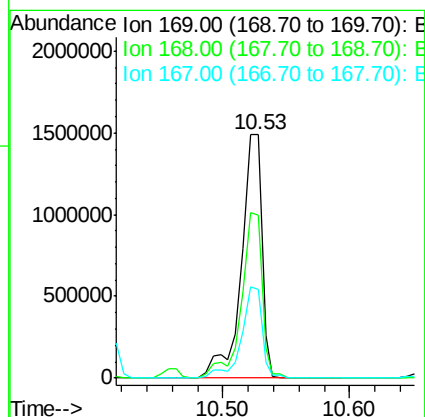
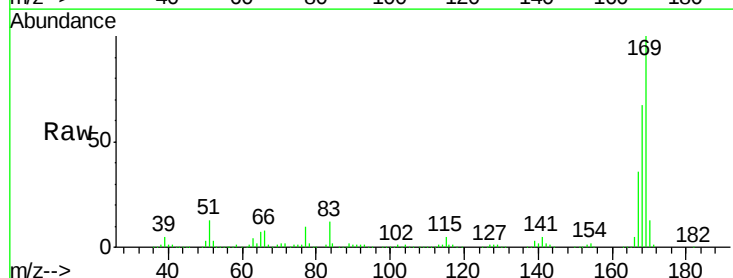
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

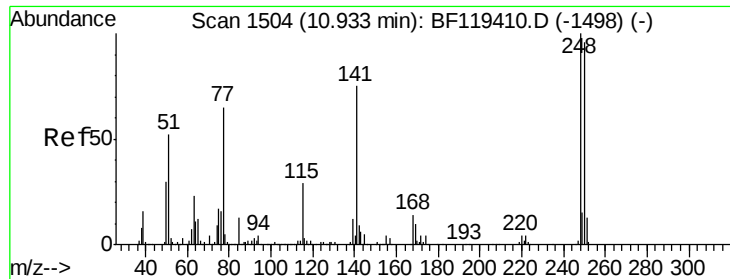
Tgt Ion:198 Resp: 270334
 Ion Ratio Lower Upper
 198 100
 51 41.0 29.0 69.0
 105 39.3 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 50.39 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:169 Resp: 1676344
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.2 79.8
 167 36.4 29.1 43.7

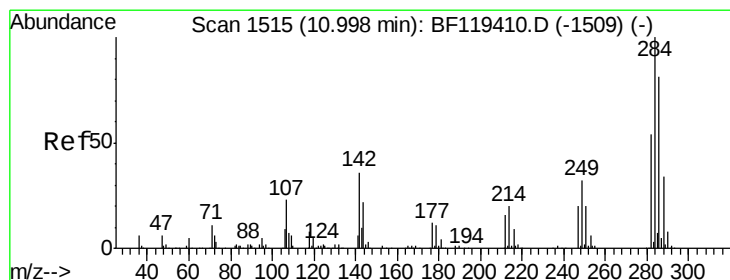
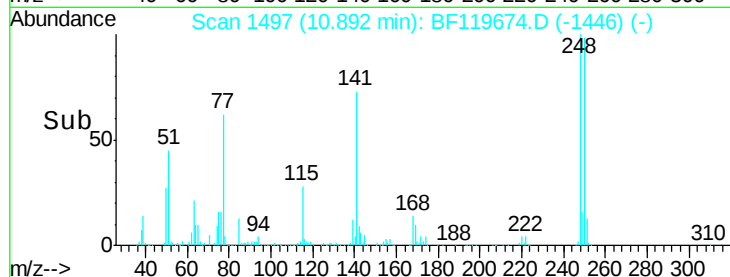
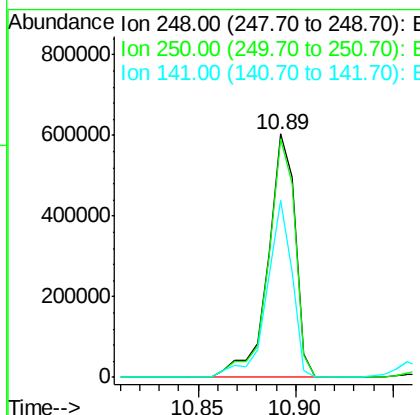
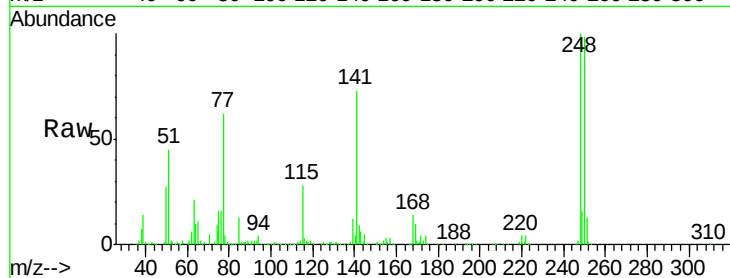




#67
 4-Bromophenyl-phenylether
 Concen: 50.45 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

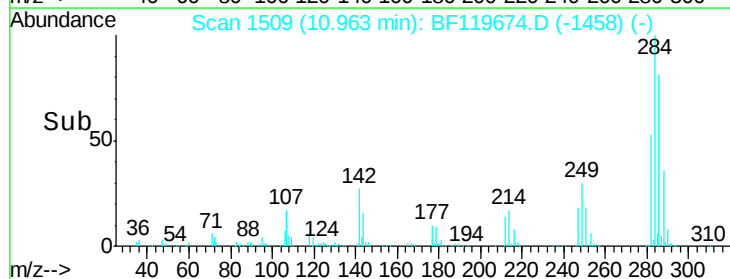
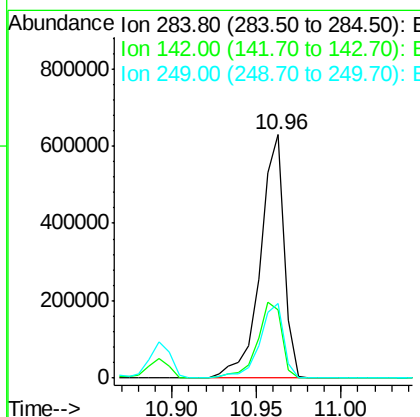
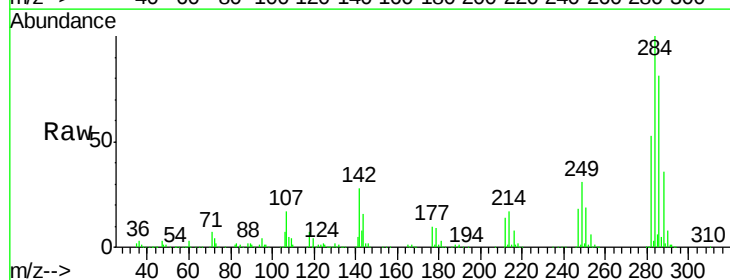
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

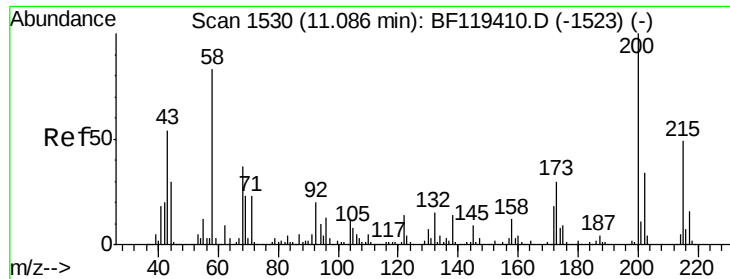
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.3	115.9
141	72.7	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 52.00 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	29.2	43.8#
249	30.5	25.1	37.7





#69

Atrazine

Concen: 54.98 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

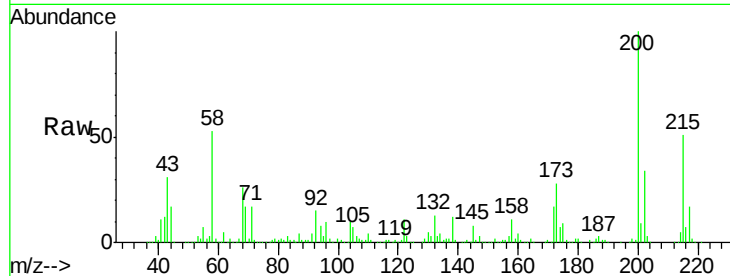
Tgt Ion:200 Resp: 501382

Ion Ratio Lower Upper

200 100

173 28.1 9.3 49.3

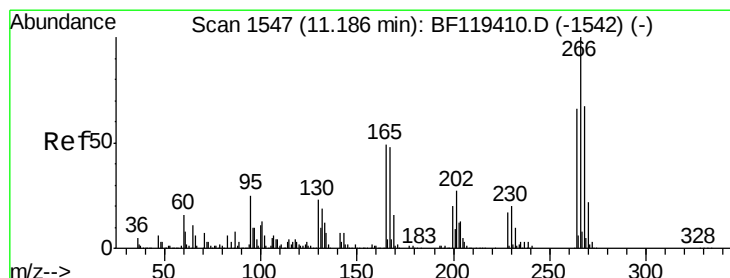
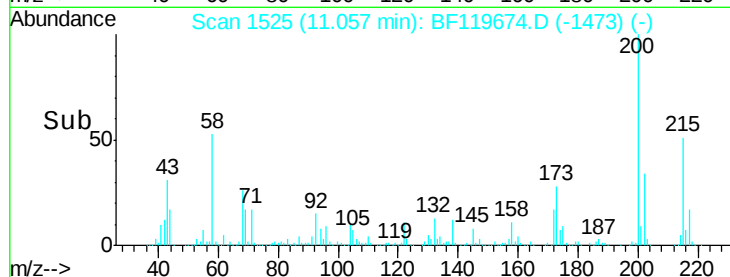
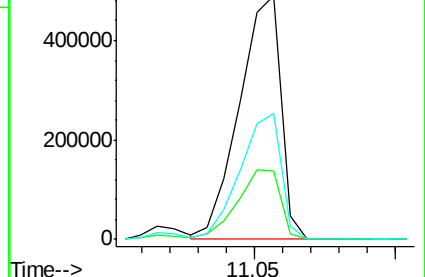
215 51.5 29.5 69.5



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: 97.57 ng

RT: 11.16 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

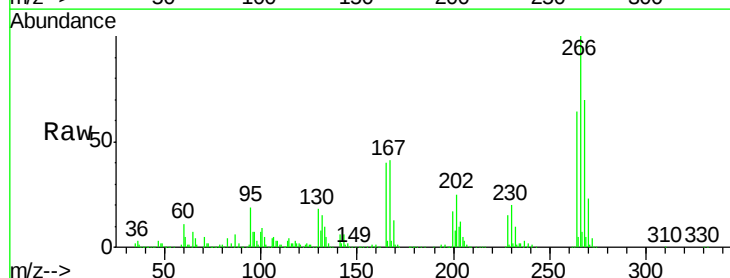
Tgt Ion:266 Resp: 675712

Ion Ratio Lower Upper

266 100

268 69.7 53.3 79.9

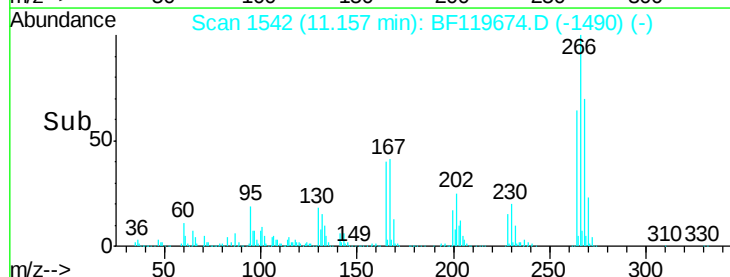
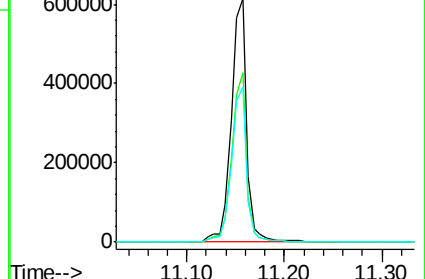
264 63.8 49.0 73.4

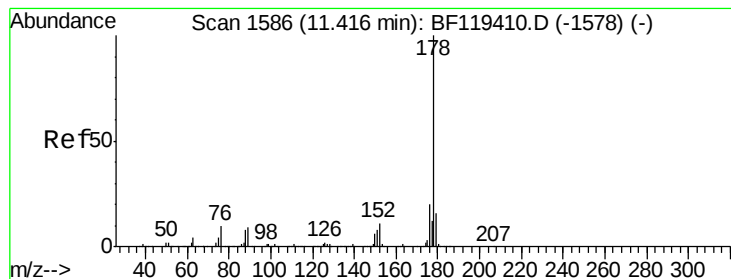


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.38 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

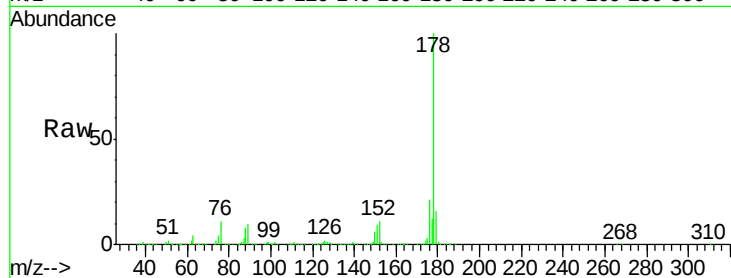
Tgt Ion:178 Resp: 2594735

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

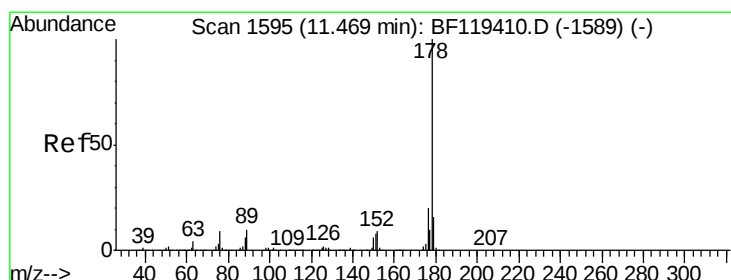
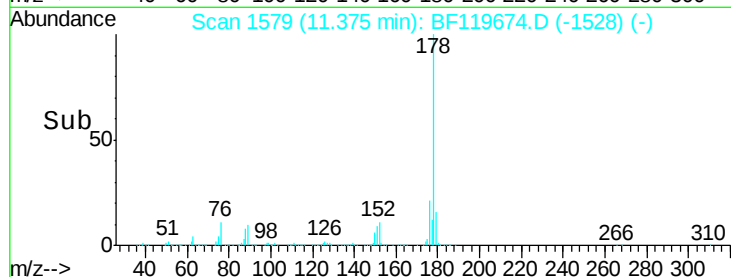
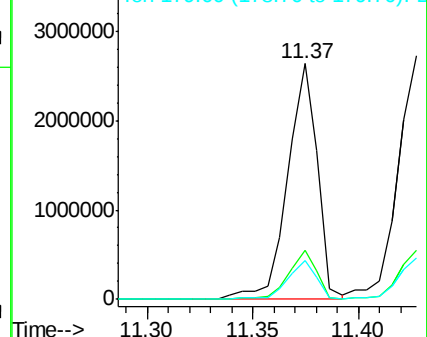
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.46 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

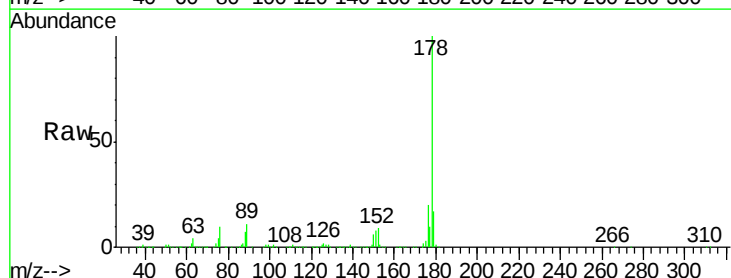
Tgt Ion:178 Resp: 2641016

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

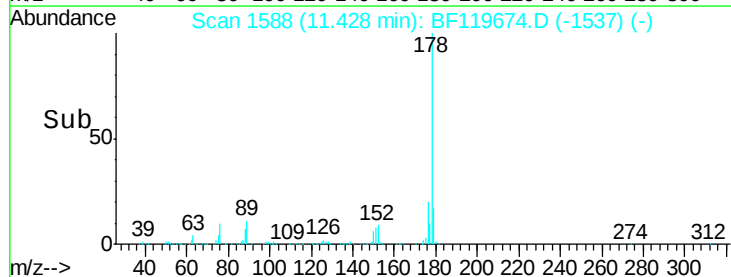
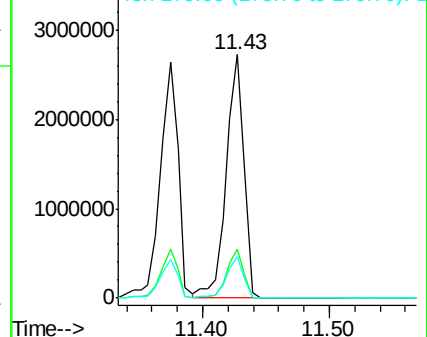
179 16.9 13.0 19.4

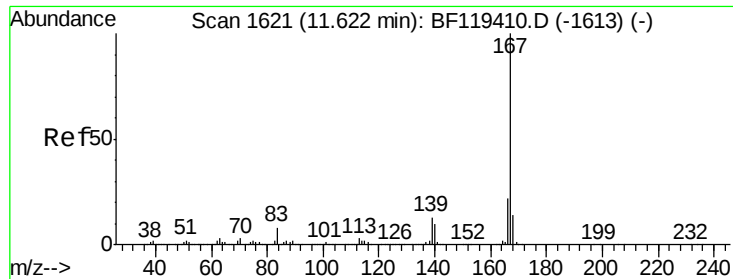


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

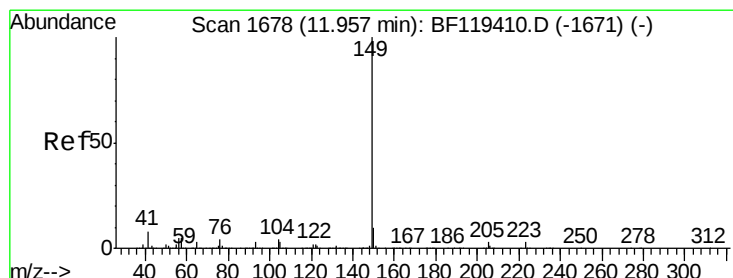
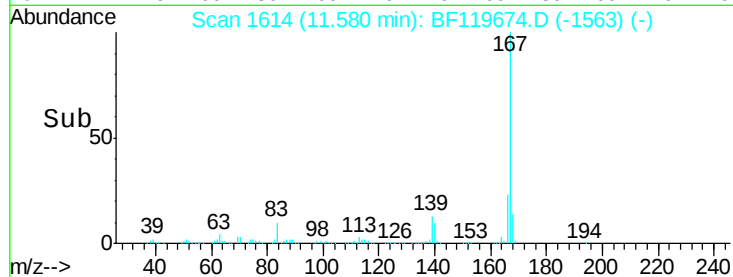
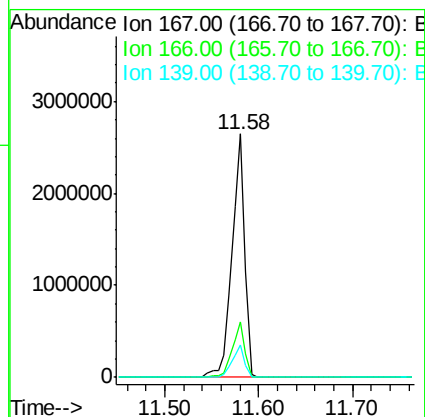
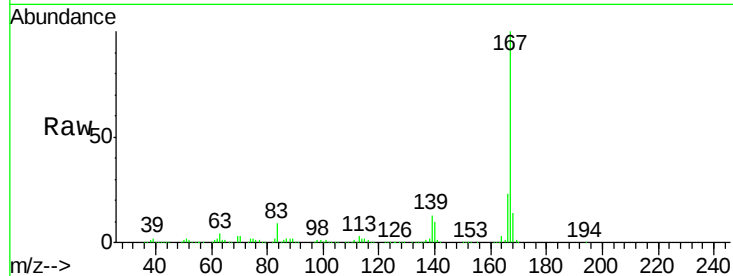




#73
 Carbazole
 Concen: 47.15 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

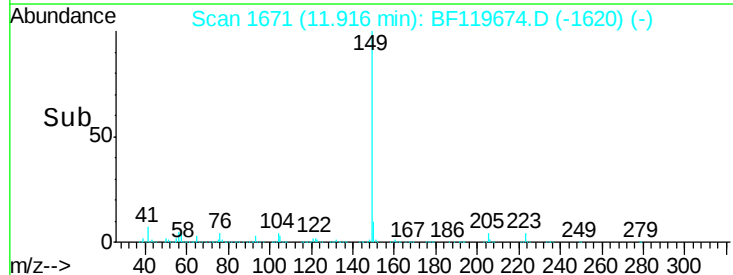
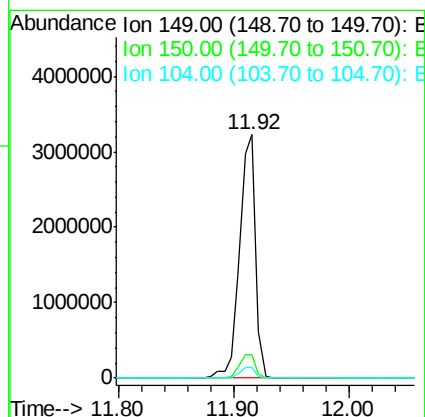
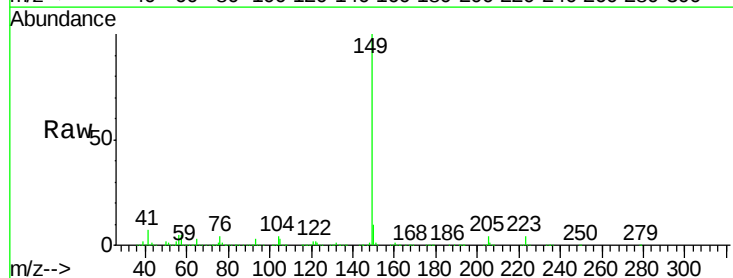
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

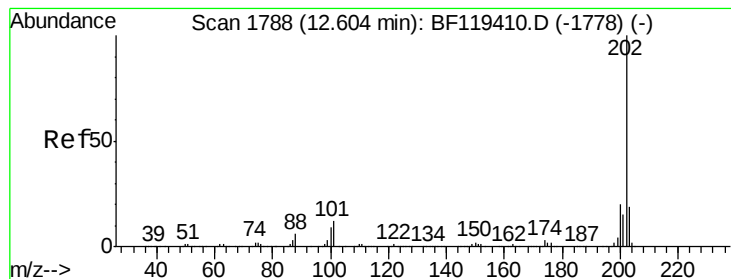
Tgt Ion:167 Resp: 2492043
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 54.42 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:149 Resp: 3077137
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 49.78 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

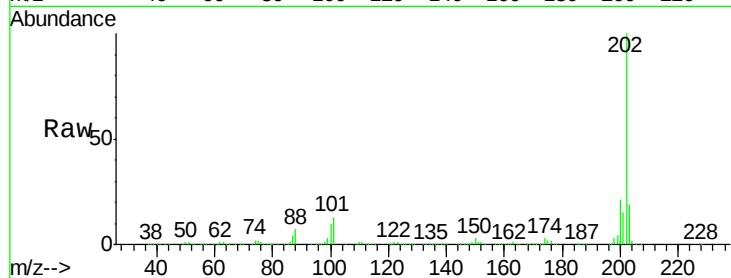
Tgt Ion:202 Resp: 2830342

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.2

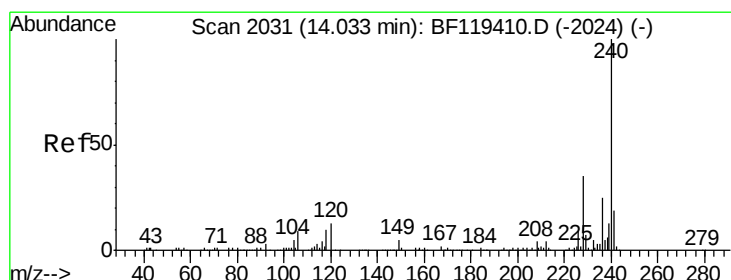
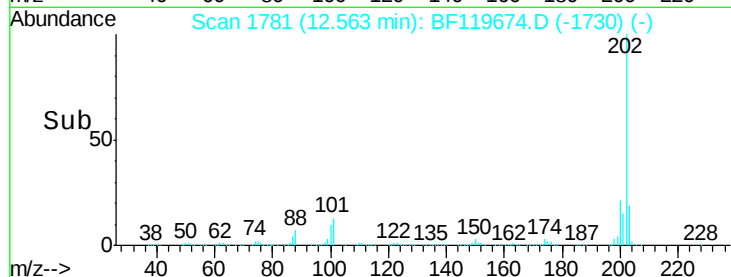
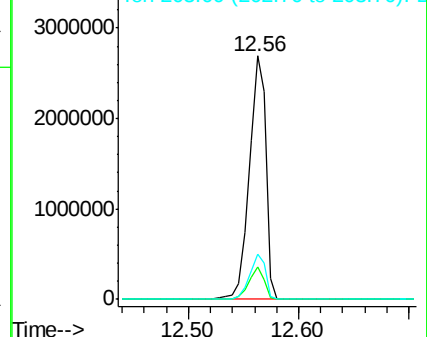
203 18.7 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

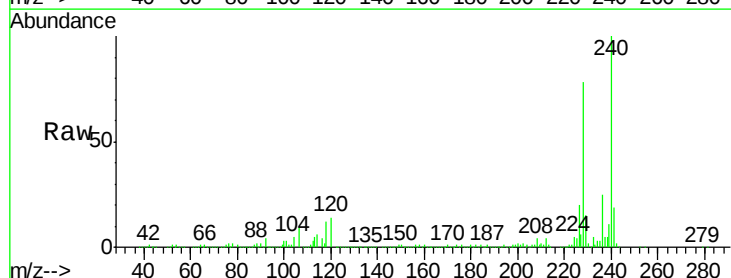
Tgt Ion:240 Resp: 736562

Ion Ratio Lower Upper

240 100

120 13.9 10.6 15.8

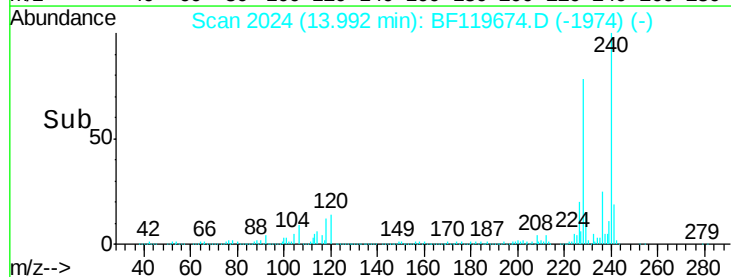
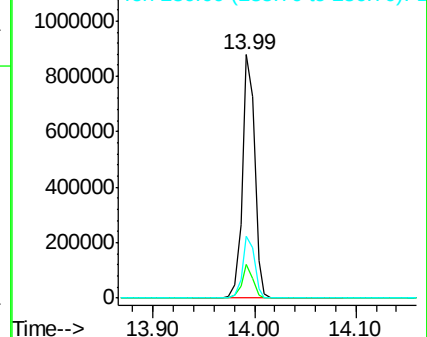
236 25.3 20.2 30.2

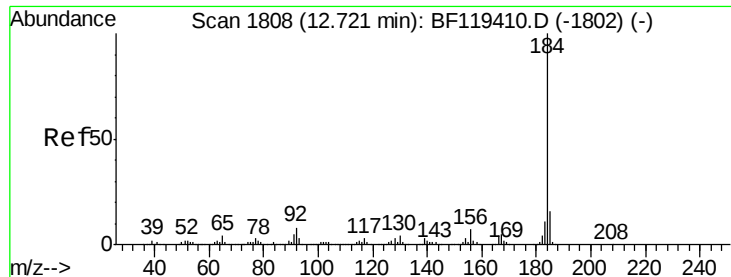


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.07 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

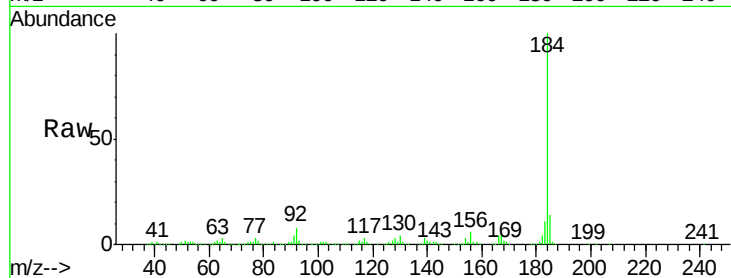
Tgt Ion:184 Resp: 656702

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

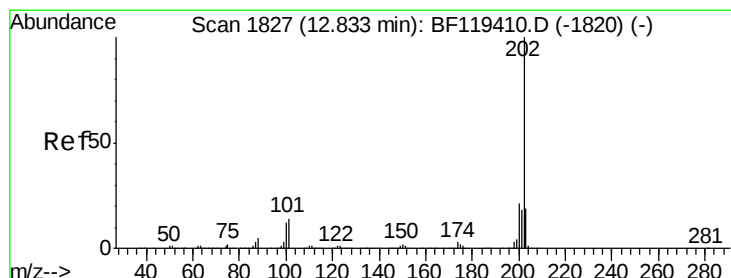
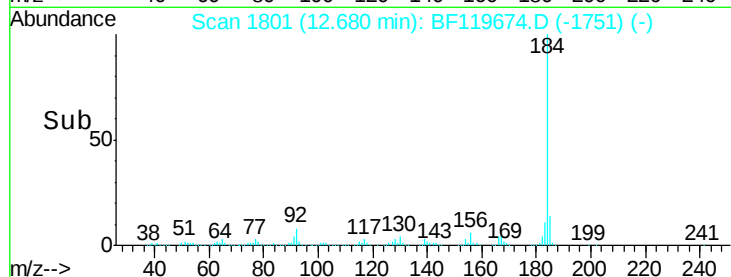
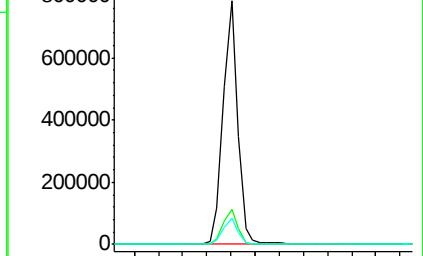
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.26 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

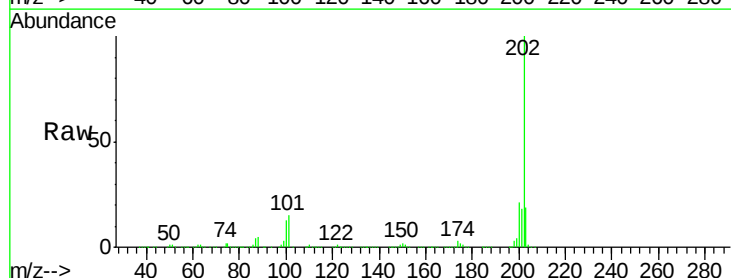
Tgt Ion:202 Resp: 2856687

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

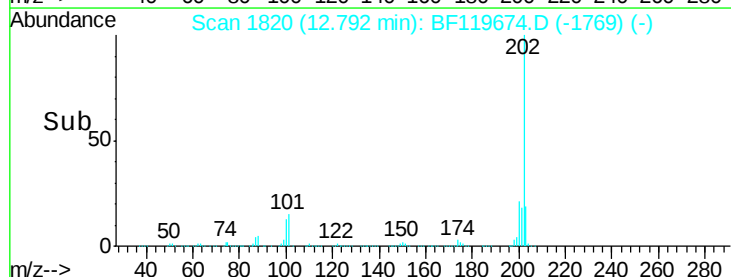
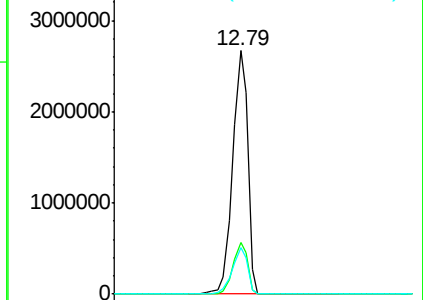
203 18.9 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

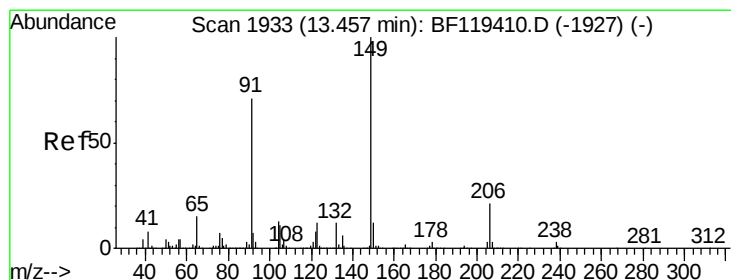
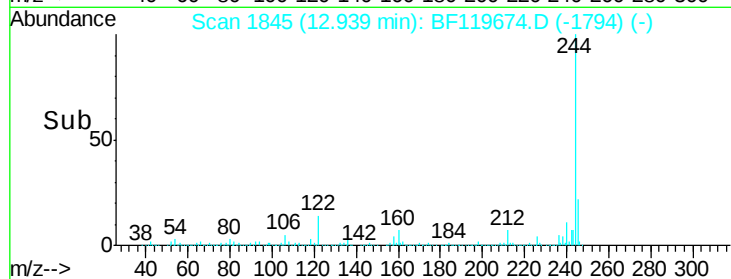
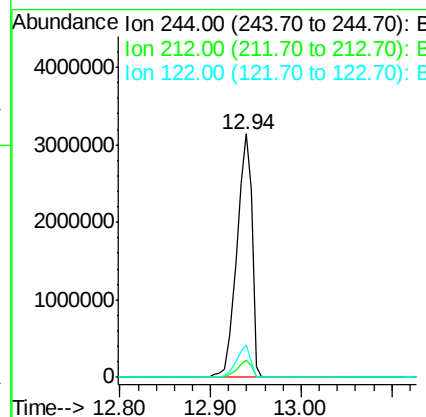
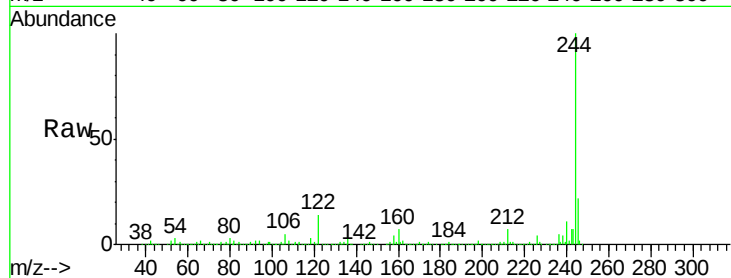




#79
 Terphenyl-d14
 Concen: 97.79 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

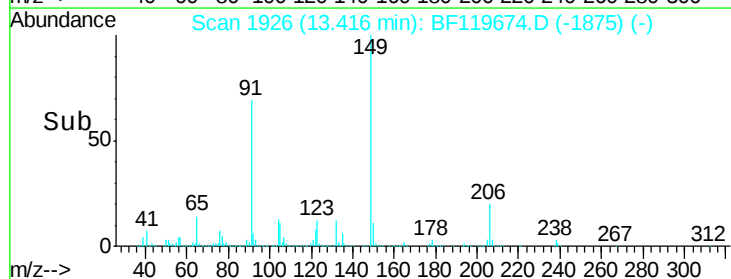
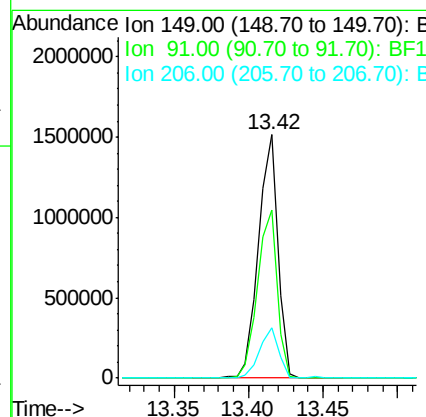
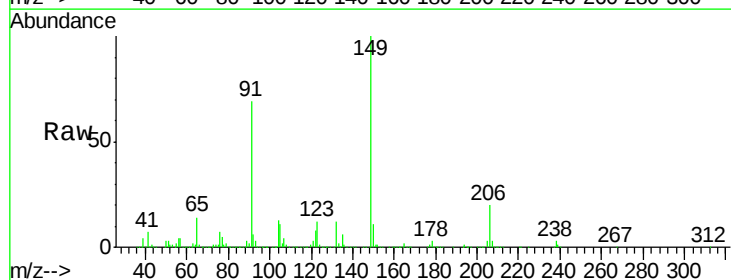
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MSD

Tgt Ion:244 Resp: 3676438
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.6 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 55.40 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BF119674.D
 Acq: 1 Apr 2020 15:00

Tgt Ion:149 Resp: 1354572
 Ion Ratio Lower Upper
 149 100
 91 68.8 54.7 82.1
 206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.86 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

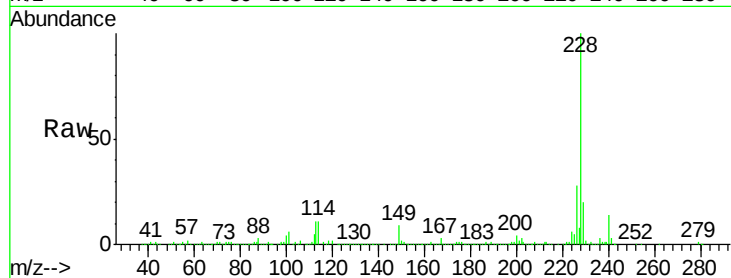
Tgt Ion:228 Resp: 2244450

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

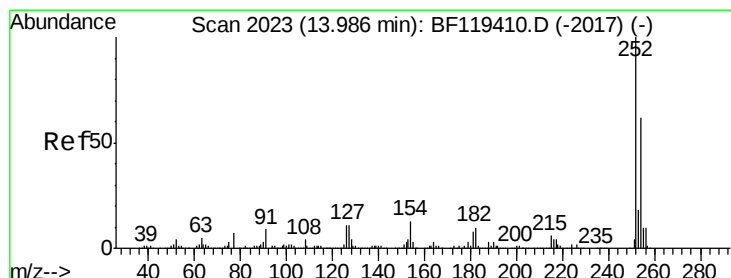
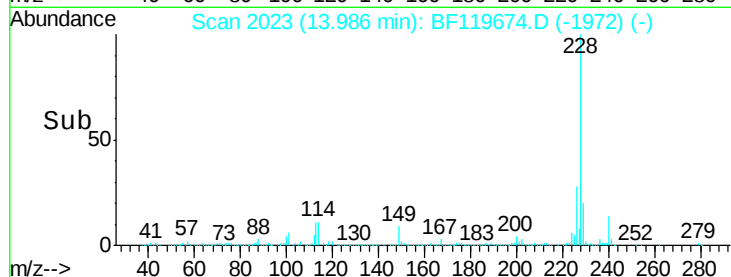
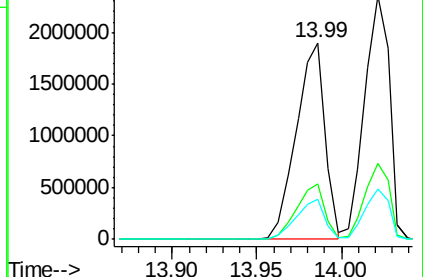
229 20.1 16.2 24.4



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: 16.95 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

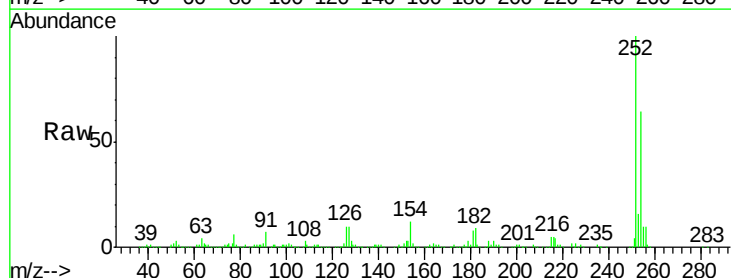
Tgt Ion:252 Resp: 320063

Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

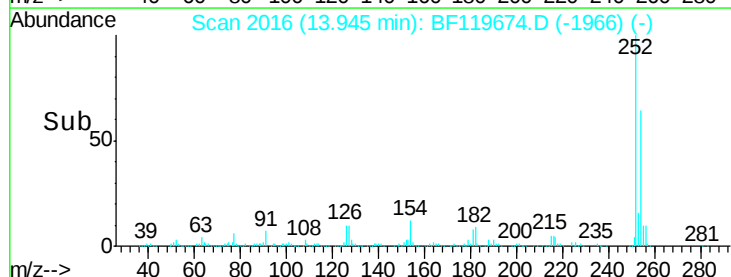
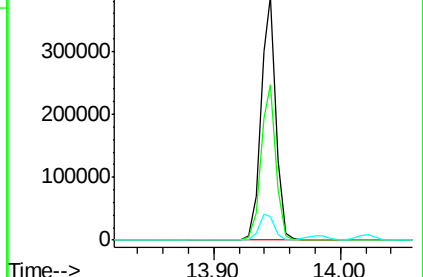
126 9.7 9.6 14.4



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: 48.65 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

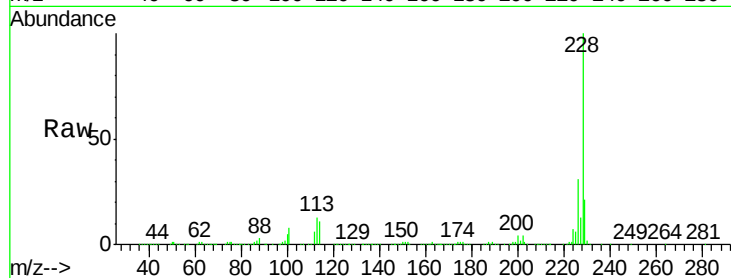
Tgt Ion:228 Resp: 2405115

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

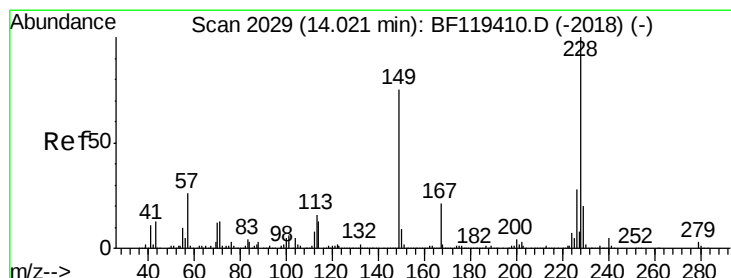
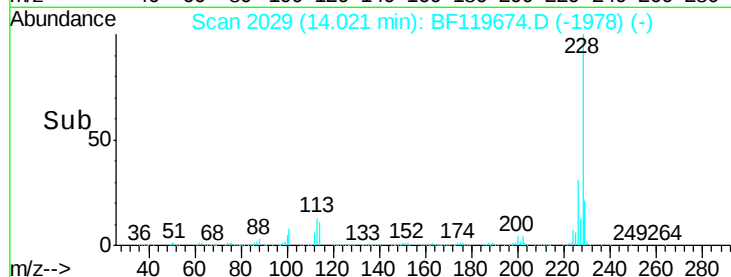
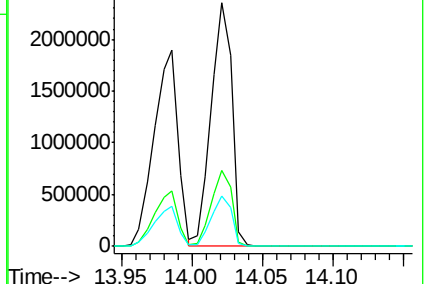
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.98 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

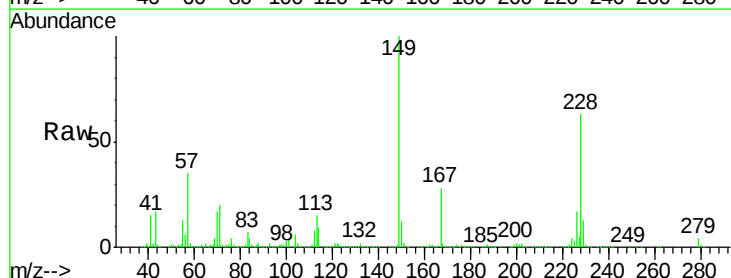
Tgt Ion:149 Resp: 1719053

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

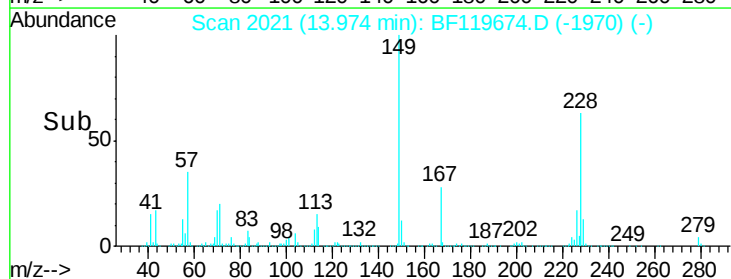
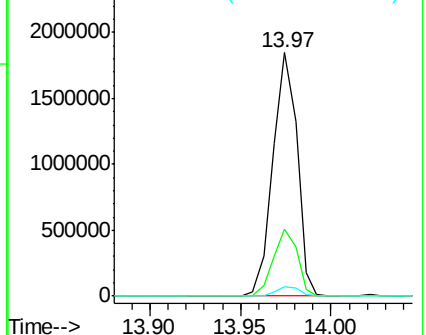
279 3.8 2.7 4.1

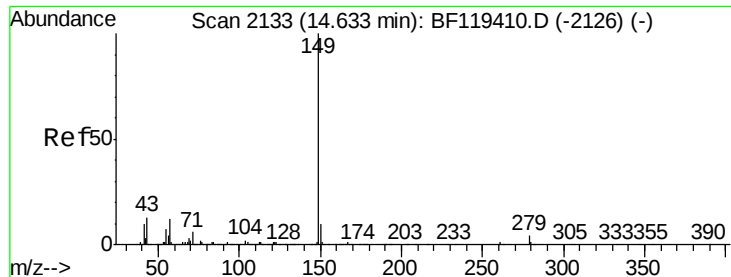


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

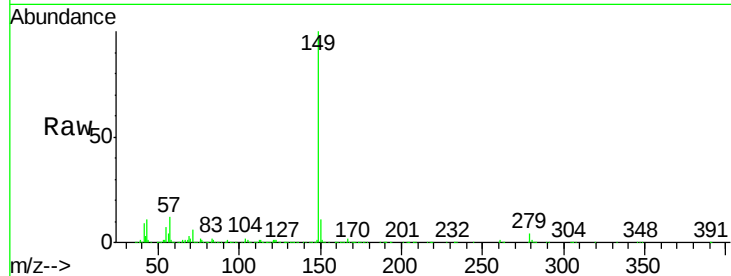




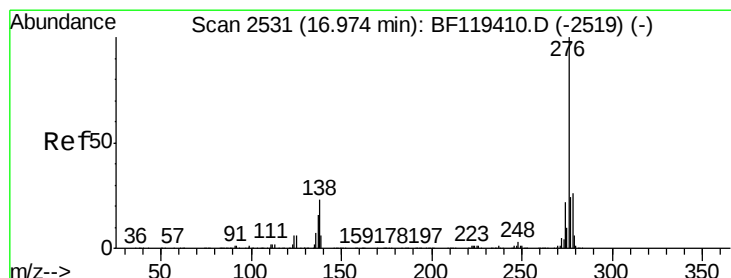
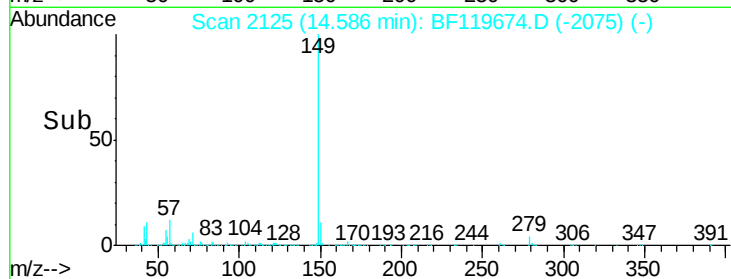
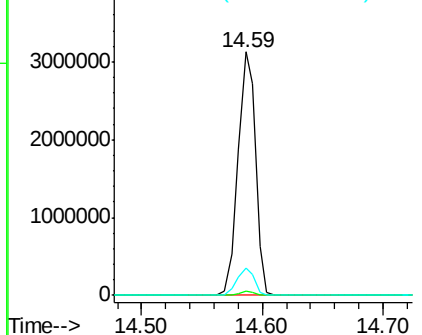
#85
Di-n-octyl phthalate
Concen: 62.15 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion:149 Resp: 3185770
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 9.3 13.9

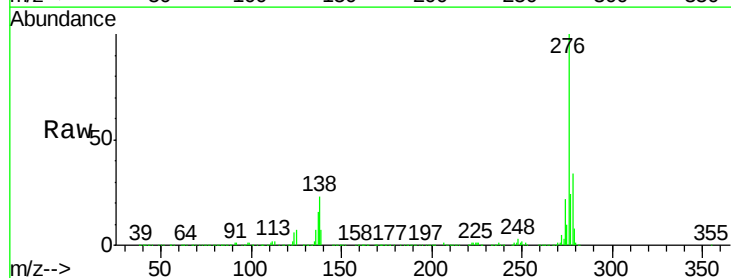


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

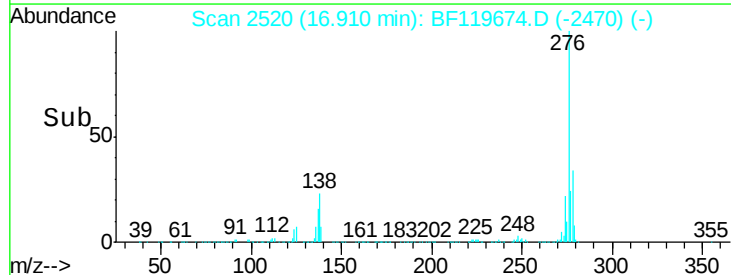
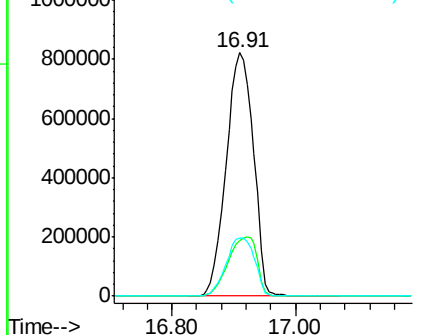


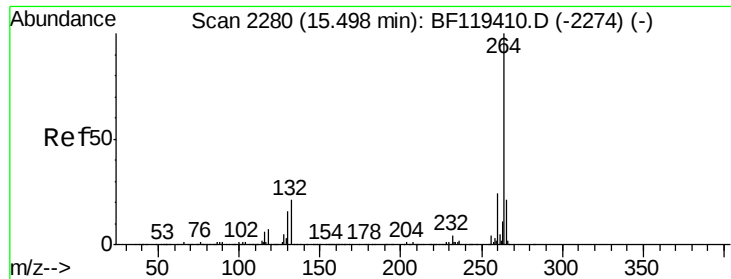
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.15 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:276 Resp: 2521136
Ion Ratio Lower Upper
276 100
138 26.0 19.6 29.4
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.00 min

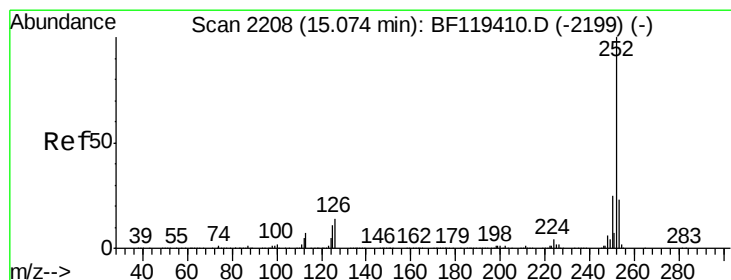
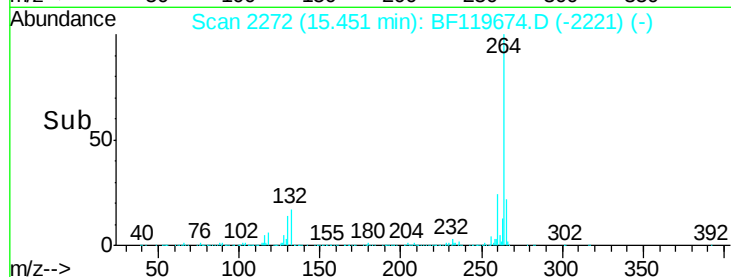
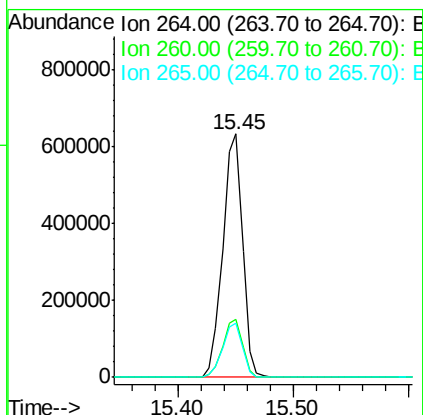
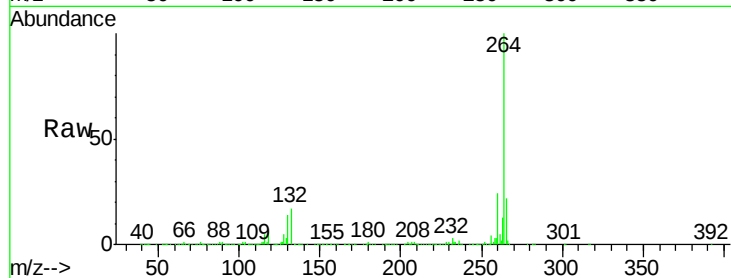
Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

Tgt Ion: 264 Resp: 749762

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	17.7	26.5



#88

Benzo(b)fluoranthene

Concen: 52.98 ng

RT: 15.03 min Scan# 2201

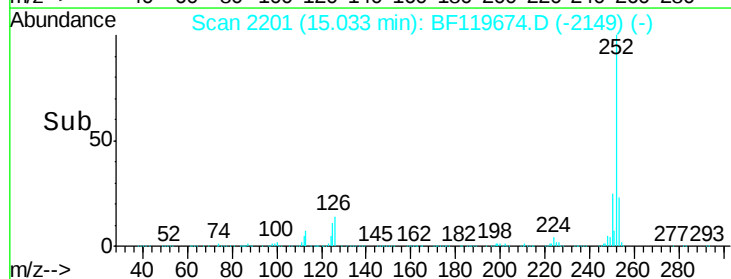
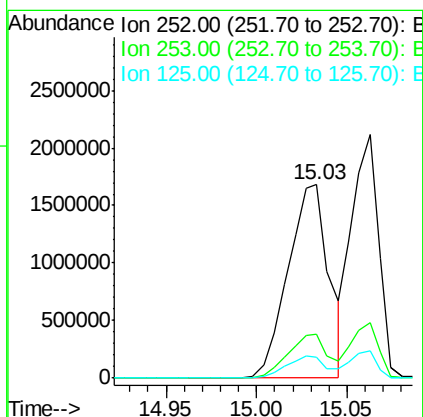
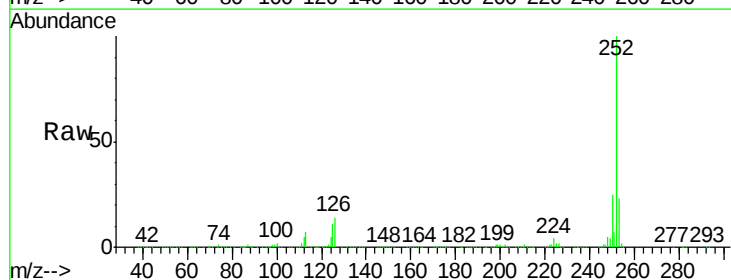
Delta R.T. 0.01 min

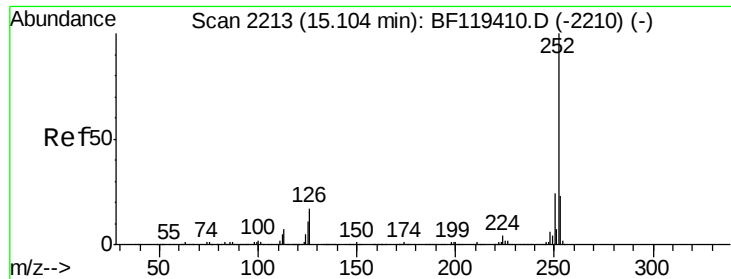
Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Tgt Ion: 252 Resp: 2653575

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.6	7.9	11.9

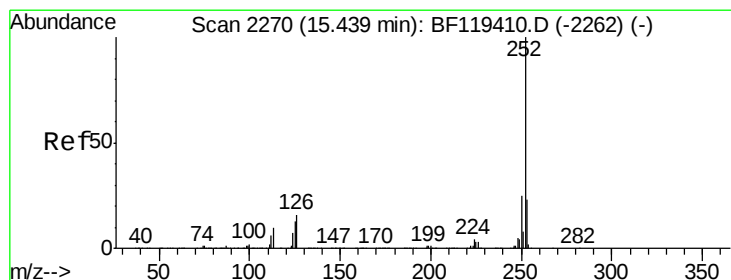
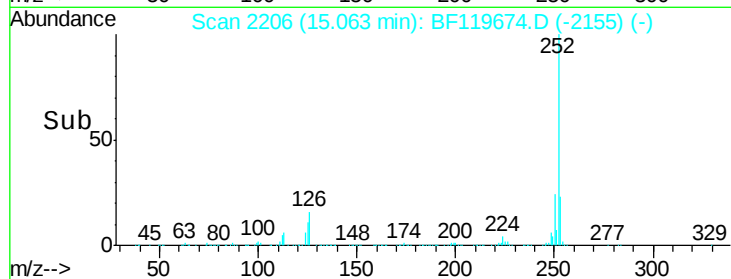
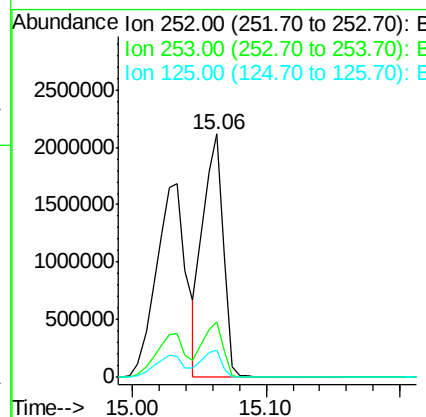
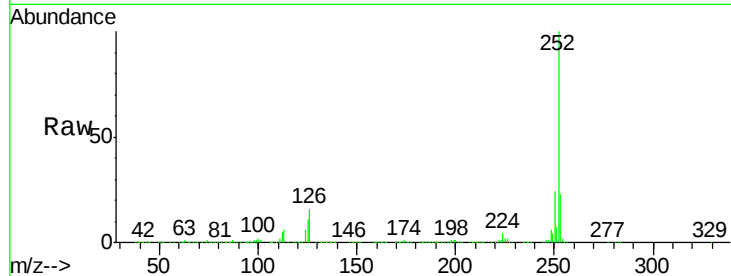




#89
Benzo(k)fluoranthene
Concen: 46.32 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

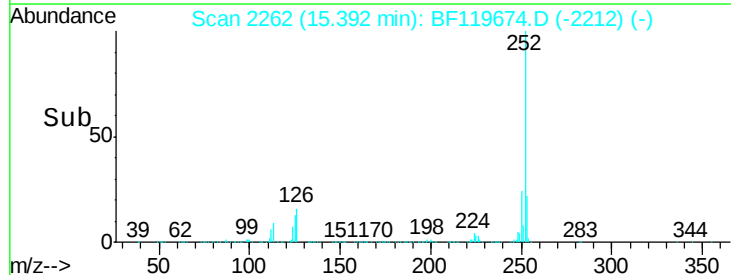
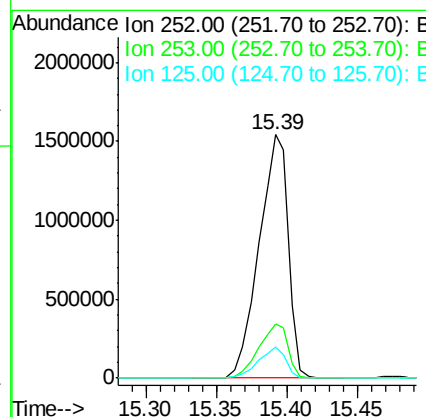
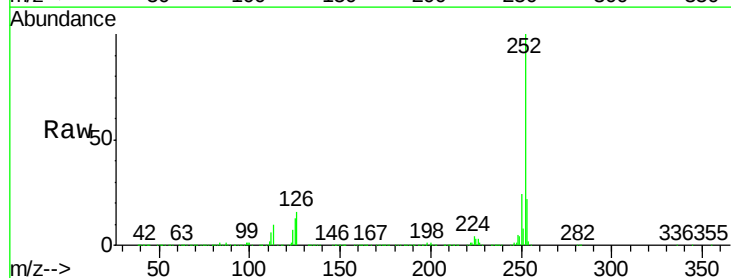
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MSD

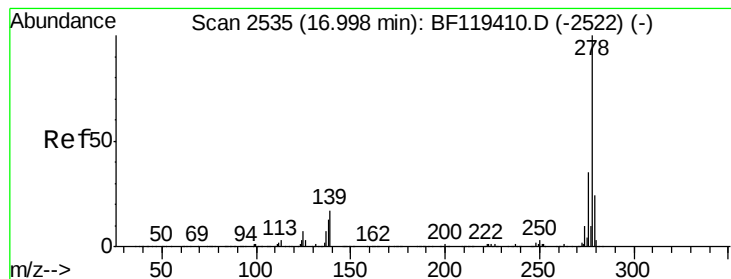
Tgt Ion:252 Resp: 2209149
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 49.20 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119674.D
Acq: 1 Apr 2020 15:00

Tgt Ion:252 Resp: 2239168
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 52.56 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MSD

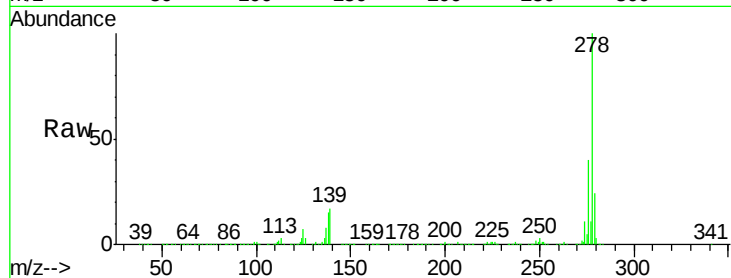
Tgt Ion:278 Resp: 2092538

Ion Ratio Lower Upper

278 100

139 16.6 12.6 19.0

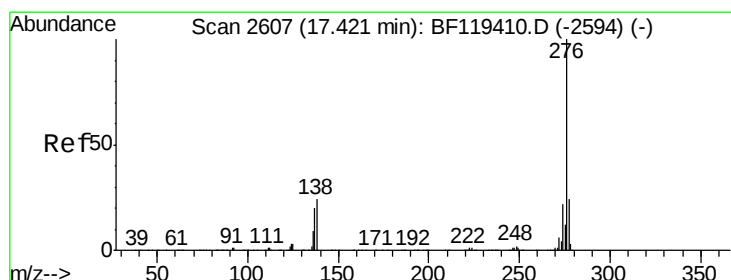
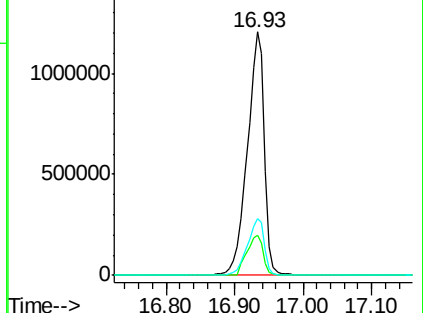
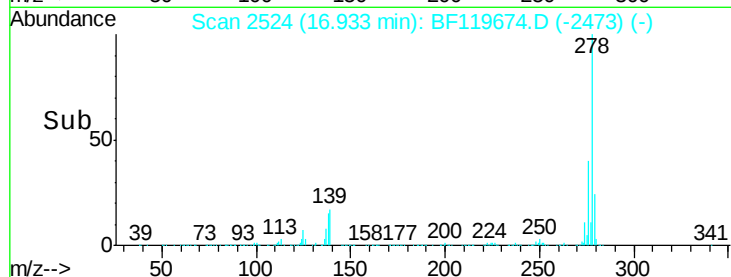
279 23.5 19.0 28.6



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: 52.17 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BF119674.D

Acq: 1 Apr 2020 15:00

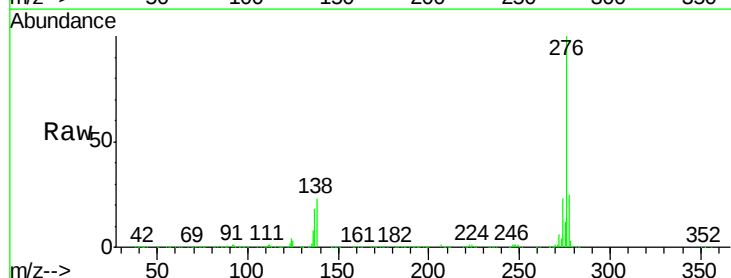
Tgt Ion:276 Resp: 2086460

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 22.7 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

