

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119451.D
 Acq On : 19 Mar 2020 21:24
 Operator : CG/JU
 Sample : L1954-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Quant Time: Mar 20 03:50:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333136	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1301537	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	656529	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1180297	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	601642	20.00	ng	0.00
87) Perylene-d12	15.49	264	695294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1833772	87.63	ng	0.00
7) Phenol-d6	6.47	99	2377582	88.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	1447922	60.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	611261	90.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2629826	59.34	ng	0.00
79) Terphenyl-d14	12.97	244	2442725	79.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	323626	31.31	ng	99
3) Pyridine	3.40	79	794499	27.90	ng	96
4) n-Nitrosodimethylamine	3.36	42	479059	34.50	ng	98
6) Aniline	6.51	93	447651	12.13	ng	96
8) 2-Chlorophenol	6.63	128	873186	39.73	ng	98
9) Benzaldehyde	6.40	77	568095	33.50	ng	95
10) Phenol	6.49	94	1107007	38.81	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	835796	36.64	ng	97
12) 1,3-Dichlorobenzene	6.79	146	878782	36.94	ng	98
13) 1,4-Dichlorobenzene	6.87	146	883820	37.14	ng	98
14) 1,2-Dichlorobenzene	7.02	146	833682	37.49	ng	100
15) Benzyl Alcohol	6.99	79	748701	37.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592698	34.61	ng	99
17) 2-Methylphenol	7.10	107	698587	34.69	ng	98
18) Hexachloroethane	7.36	117	334489	38.36	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	588439	36.52	ng	99
20) 3+4-Methylphenols	7.25	107	853670	34.59	ng	# 88
22) Acetophenone	7.26	105	1119828	36.01	ng	# 92
24) Nitrobenzene	7.43	77	900695	35.19	ng	95
25) Isophorone	7.67	82	1659490	34.16	ng	97
26) 2-Nitrophenol	7.75	139	432449	42.91	ng	94
27) 2,4-Dimethylphenol	7.79	122	799697	38.38	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1040377	36.22	ng	99
29) 2,4-Dichlorophenol	7.99	162	703589	36.75	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	761168	35.95	ng	98
31) Naphthalene	8.16	128	2415663	36.07	ng	99
32) Benzoic acid	7.90	122	492286	36.73	ng	96
33) 4-Chloroaniline	8.20	127	163672	5.33	ng	97
34) Hexachlorobutadiene	8.28	225	421702	35.60	ng	98
35) Caprolactam	8.57	113	150050	23.95	ng	89
36) 4-Chloro-3-methylphenol	8.68	107	749325	35.81	ng	96
37) 2-Methylnaphthalene	8.85	142	1616518	36.77	ng	99
38) 1-Methylnaphthalene	8.95	142	1518752	36.50	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	691974	35.96	ng	99

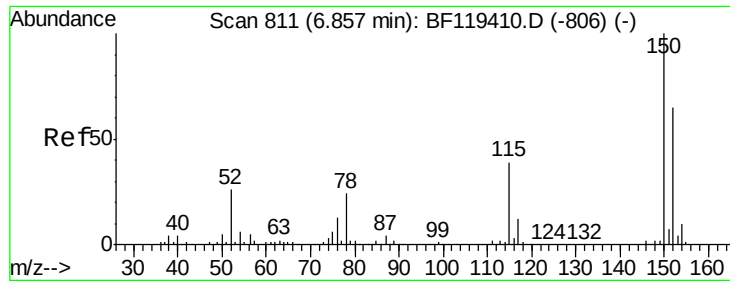
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
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 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	729492	66.68	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	509249	36.98	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	521756	33.82	ng	98
46) 1,1'-Biphenyl	9.32	154	1886900	35.29	ng	100
47) 2-Chloronaphthalene	9.34	162	1486090	35.48	ng	99
48) 2-Nitroaniline	9.43	65	521535	36.08	ng	98
49) Acenaphthylene	9.76	152	2357551	35.84	ng	100
50) Dimethylphthalate	9.62	163	1850259	39.68	ng	97
51) 2,6-Dinitrotoluene	9.67	165	369565	36.97	ng	96
52) Acenaphthene	9.93	154	1514058	36.92	ng	99
53) 3-Nitroaniline	9.84	138	143136	11.34	ng	92
54) 2,4-Dinitrophenol	9.95	184	251564	60.15	ng	95
55) Dibenzofuran	10.10	168	2083490	35.44	ng	100
56) 4-Nitrophenol	10.00	139	653304	65.63	ng	91
57) 2,4-Dinitrotoluene	10.08	165	489885	38.91	ng	94
58) Fluorene	10.45	166	1545570	35.55	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	428530	37.16	ng	98
60) Diethylphthalate	10.32	149	1705028	36.02	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	752139	35.38	ng	96
62) 4-Nitroaniline	10.46	138	342172	28.28	ng	97
63) Azobenzene	10.60	77	1663137	34.89	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	189425	38.27	ng	93
66) n-Nitrosodiphenylamine	10.56	169	1432719	36.98	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	483883	36.00	ng	99
68) Hexachlorobenzene	10.99	284	521197	37.88	ng	99
69) Atrazine	11.08	200	414548	39.03	ng	99
70) Pentachlorophenol	11.19	266	547268	67.84	ng	98
71) Phenanthrene	11.41	178	2236208	36.54	ng	100
72) Anthracene	11.46	178	2290562	36.82	ng	99
73) Carbazole	11.61	167	2050003	33.30	ng	99
74) Di-n-butylphthalate	11.95	149	2528804	38.40	ng	100
75) Fluoranthene	12.60	202	2301447	34.75	ng	99
77) Benzidine	12.72	184	744739	29.25	ng	98
78) Pyrene	12.83	202	2239328	45.35	ng	100
80) Butylbenzylphthalate	13.45	149	892356	44.68	ng	96
81) Benzo(a)anthracene	14.02	228	1545872	39.51	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	345472	22.40	ng	99
83) Chrysene	14.05	228	1578362	39.09	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1074122	45.12	ng	98
85) Di-n-octyl phthalate	14.63	149	1777314	42.45	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1857216	48.84	ng	98
88) Benzo(b)fluoranthene	15.07	252	1653169	35.59	ng	98
89) Benzo(k)fluoranthene	15.10	252	1464362	33.11	ng	97
90) Benzo(a)pyrene	15.43	252	1480780	35.08	ng	96
91) Dibenzo(a,h)anthracene	16.99	278	1506641	40.81	ng	98
92) Benzo(g,h,i)perylene	17.41	276	1591956	42.92	ng	98

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

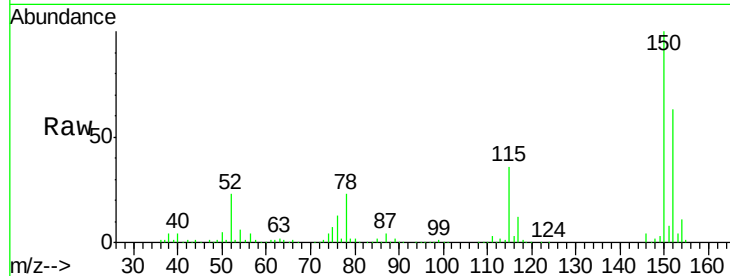


#1

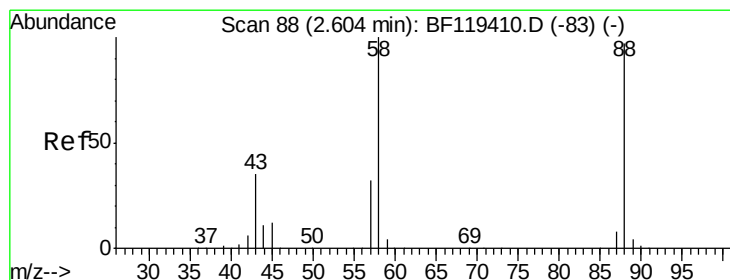
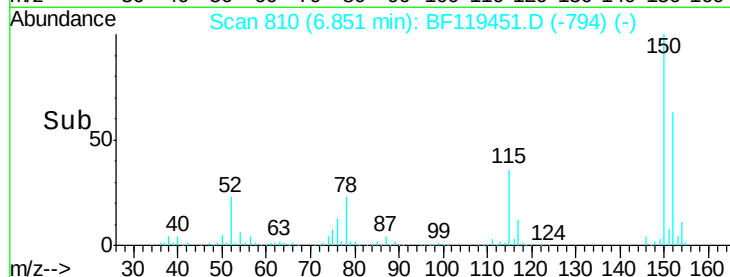
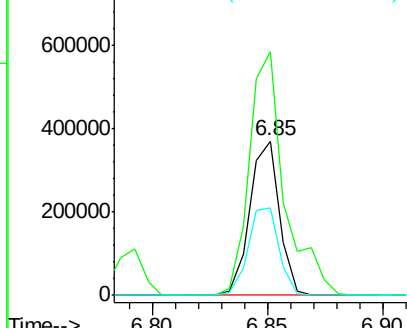
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion:152 Resp: 333136
Ion Ratio Lower Upper
152 100
150 157.7 123.9 185.9
115 56.4 47.8 71.6



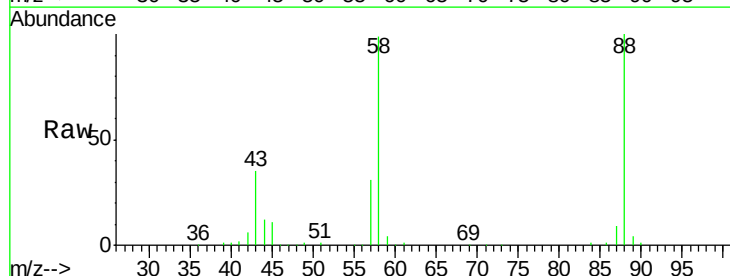
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



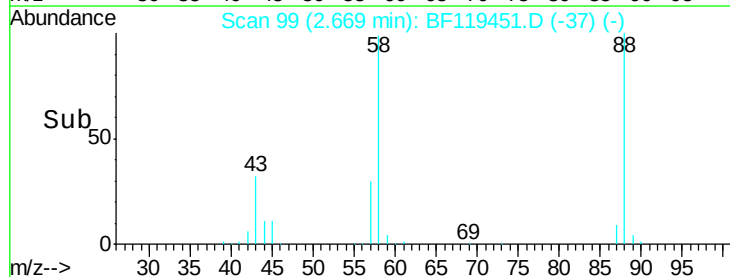
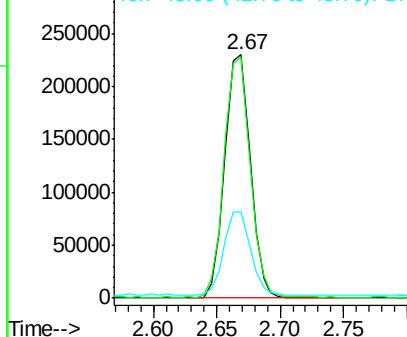
#2

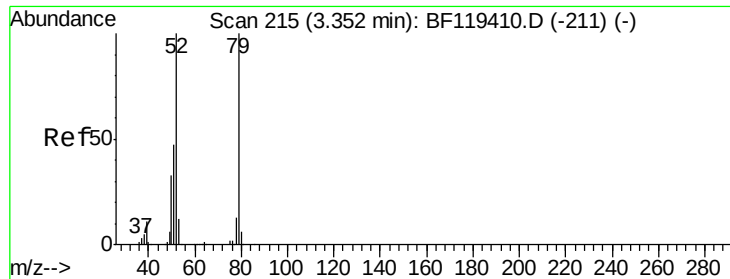
1,4-Dioxane
Concen: 31.31 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion: 88 Resp: 323626
Ion Ratio Lower Upper
88 100
58 100.3 79.4 119.2
43 35.2 28.4 42.6



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





#3

Pyridine

Concen: 27.90 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

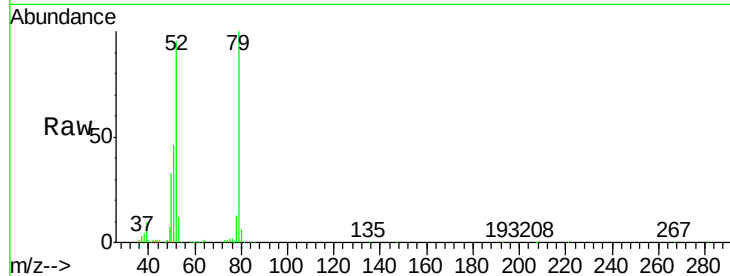
Tgt Ion: 79 Resp: 794499

Ion Ratio Lower Upper

79 100

52 95.5 80.0 120.0

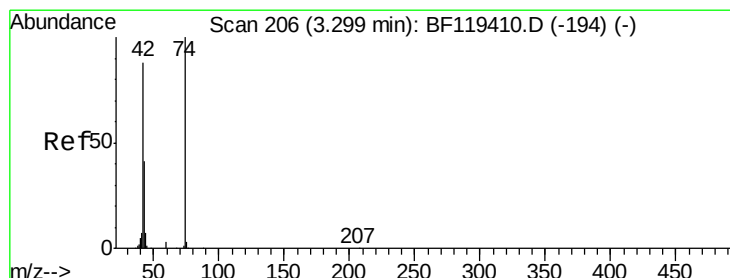
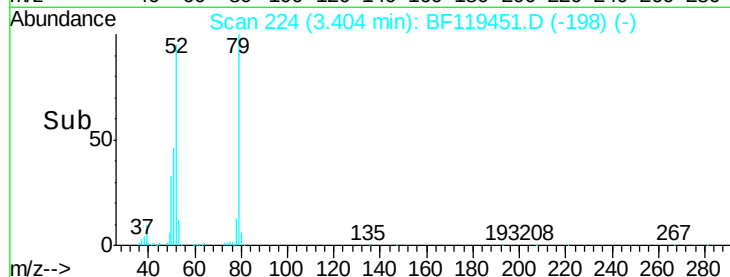
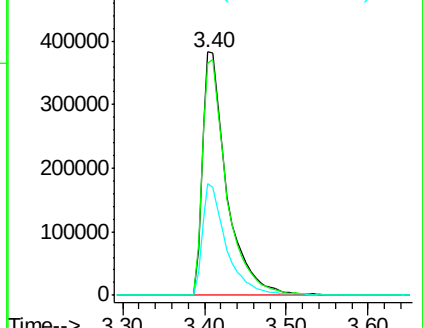
51 46.1 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.50 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.06 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

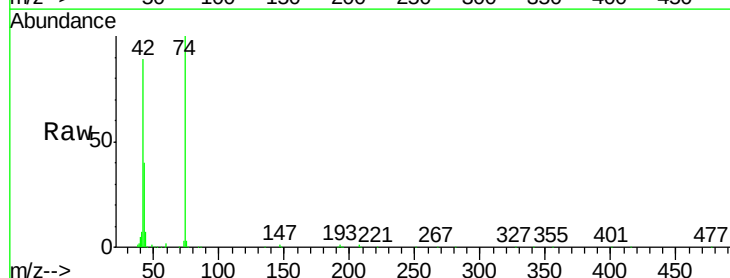
Tgt Ion: 42 Resp: 479059

Ion Ratio Lower Upper

42 100

74 112.5 91.3 136.9

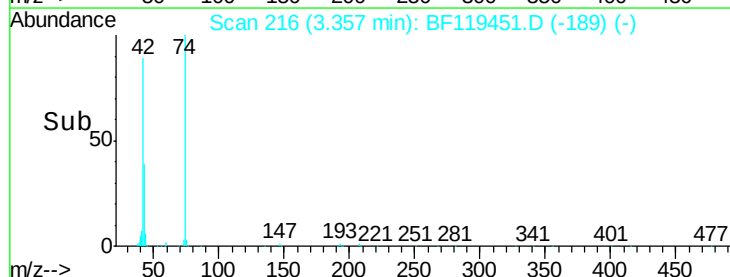
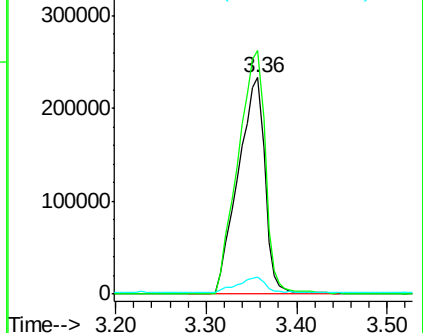
44 8.0 7.1 10.7

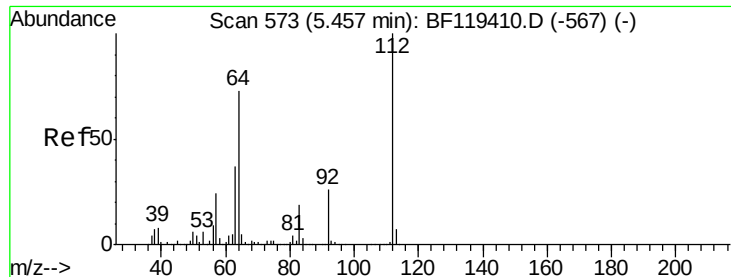


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.63 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

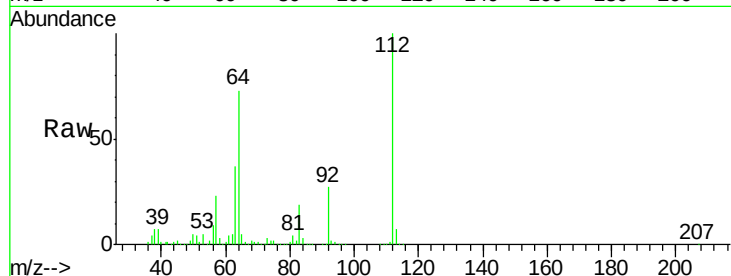
Tgt Ion: 112 Resp: 1833772

Ion Ratio Lower Upper

112 100

64 72.7 58.1 87.1

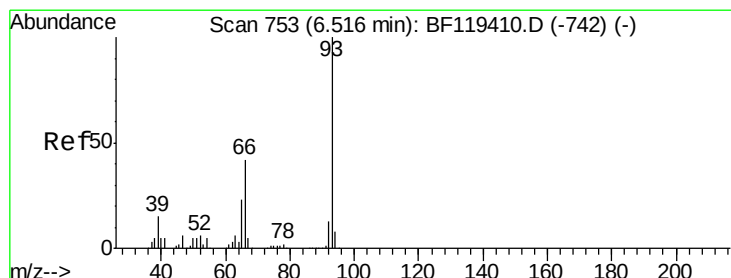
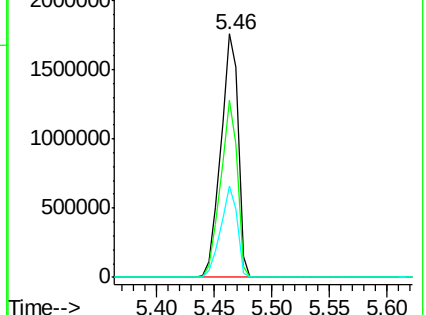
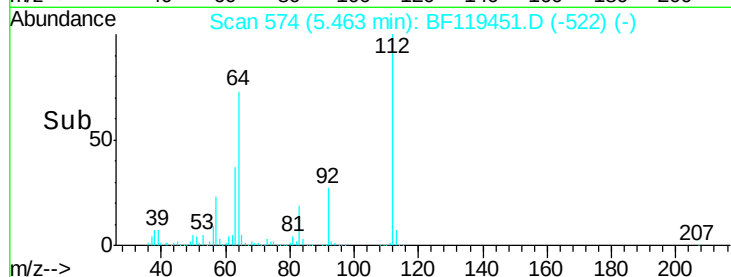
63 37.4 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.13 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

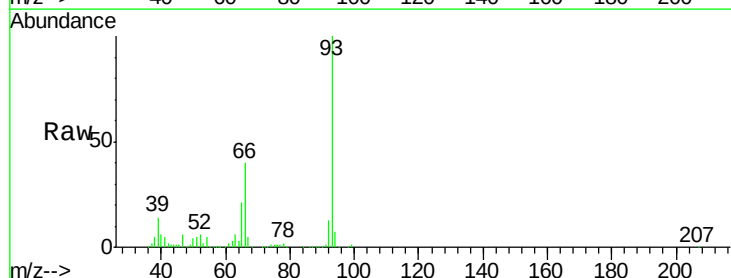
Tgt Ion: 93 Resp: 447651

Ion Ratio Lower Upper

93 100

66 40.3 34.2 51.4

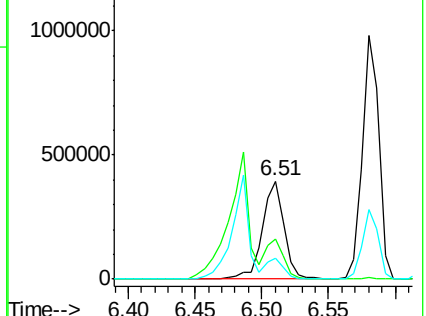
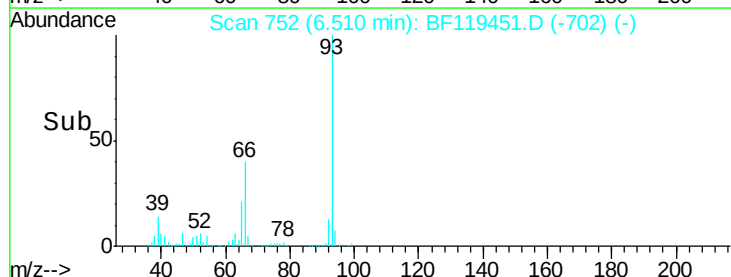
65 21.4 18.2 27.4

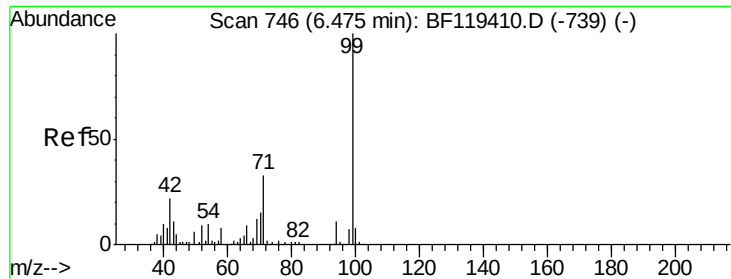


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.94 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

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ClientSampleId :

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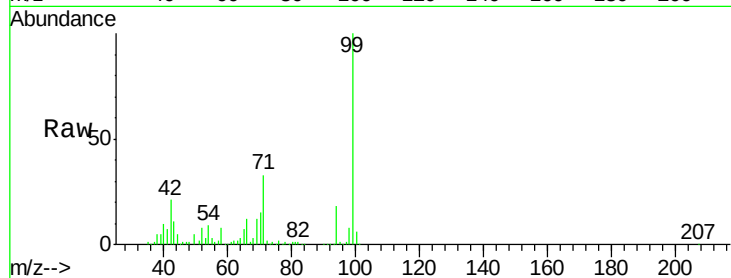
Tgt Ion: 99 Resp: 2377582

Ion Ratio Lower Upper

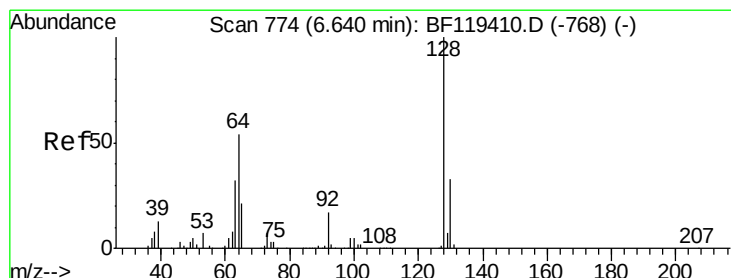
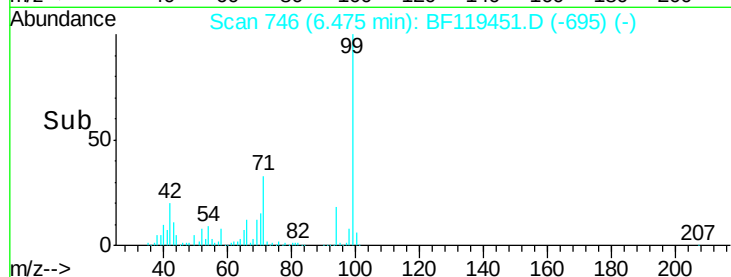
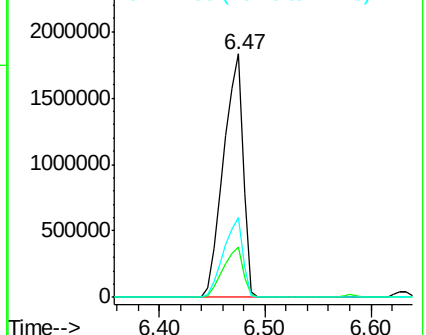
99 100

42 20.5 17.8 26.6

71 32.7 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.73 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

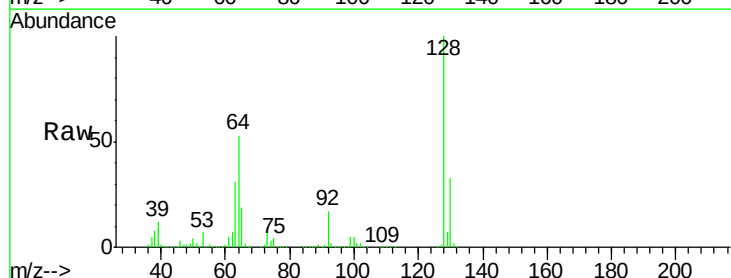
Tgt Ion: 128 Resp: 873186

Ion Ratio Lower Upper

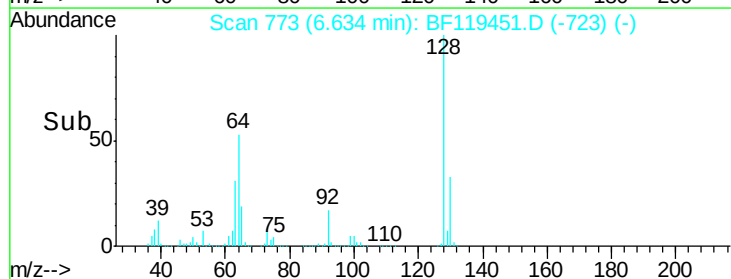
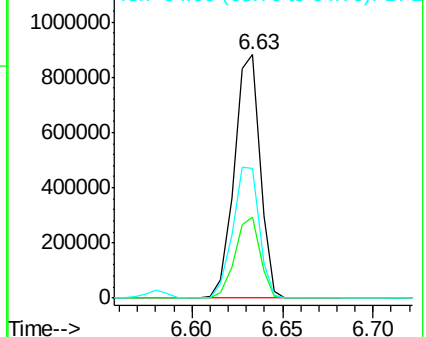
128 100

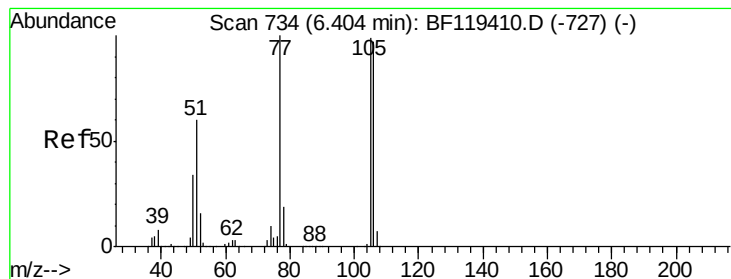
130 33.3 13.0 53.0

64 53.0 35.1 75.1



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





#9

Benzaldehyde

Concen: 33.50 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

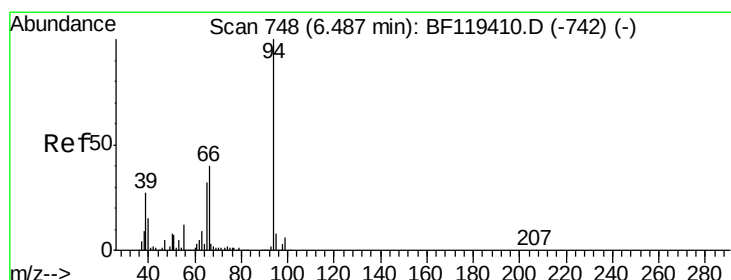
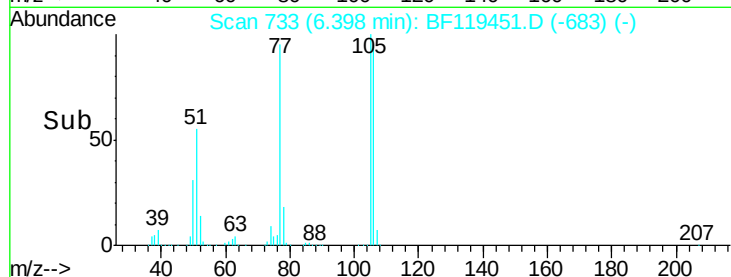
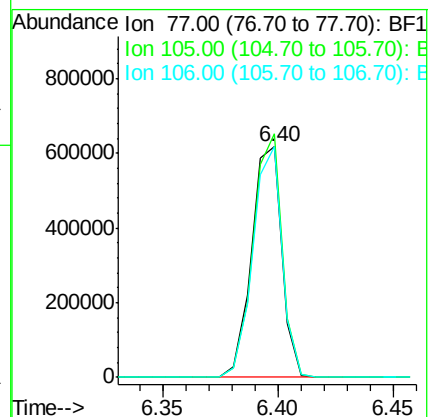
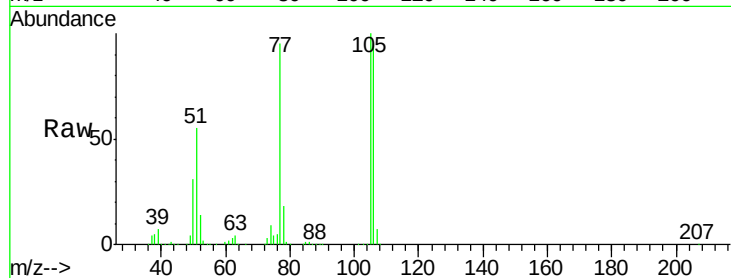
Tgt Ion: 77 Resp: 568095

Ion Ratio Lower Upper

77 100

105 105.6 78.6 118.6

106 100.1 76.5 116.5



#10

Phenol

Concen: 38.81 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

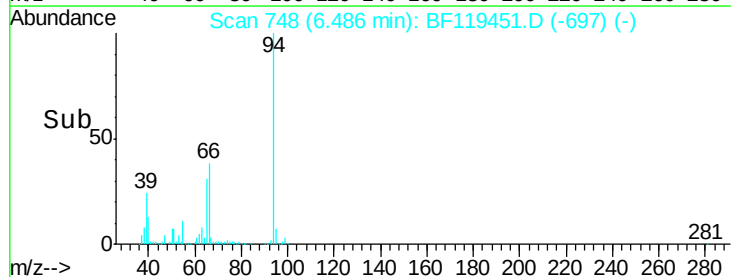
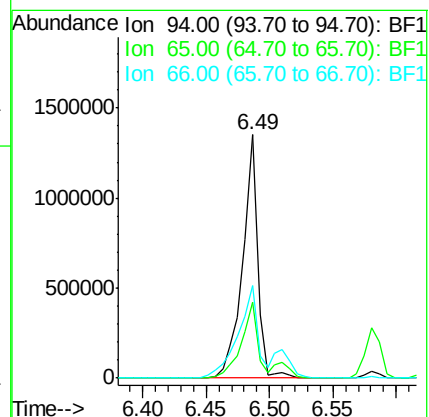
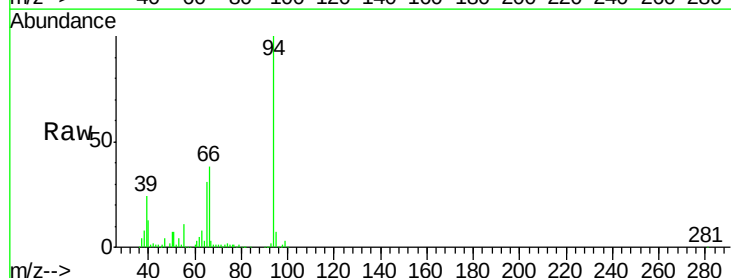
Tgt Ion: 94 Resp: 1107007

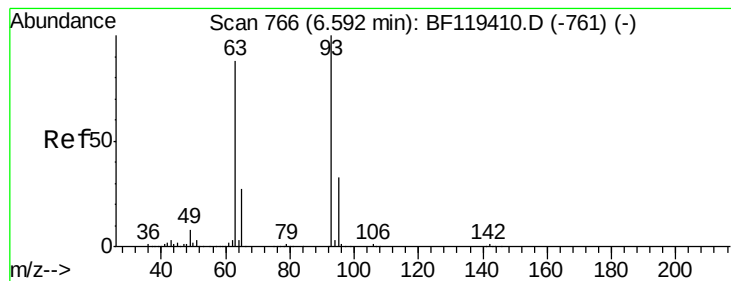
Ion Ratio Lower Upper

94 100

65 31.1 12.0 52.0

66 37.9 20.6 60.6





#11

bis(2-Chloroethyl)ether

Concen: 36.64 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

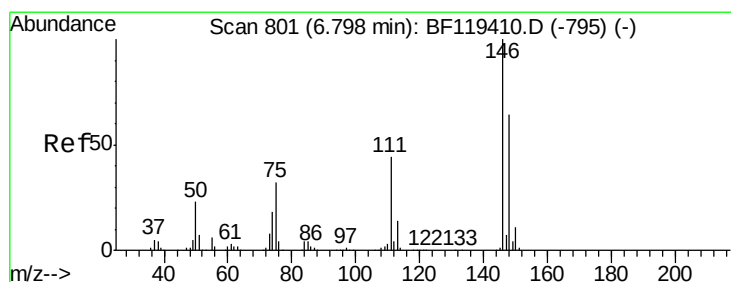
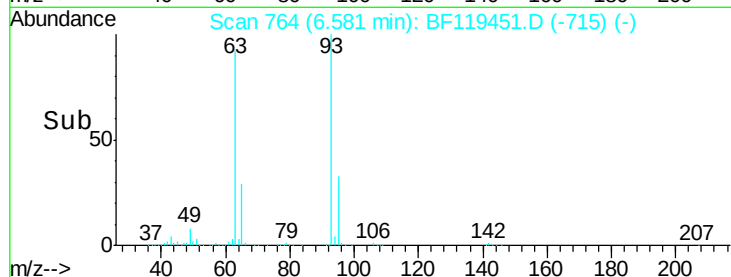
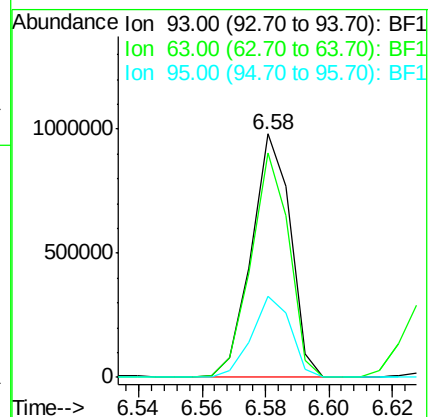
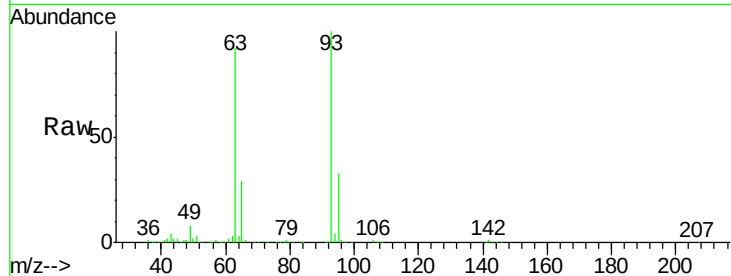
Tgt Ion: 93 Resp: 835796

Ion Ratio Lower Upper

93 100

63 92.1 68.4 108.4

95 33.3 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 36.94 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

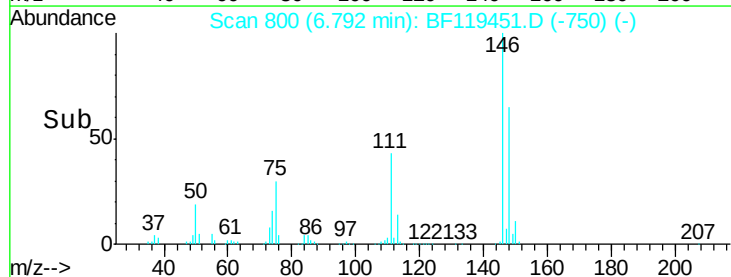
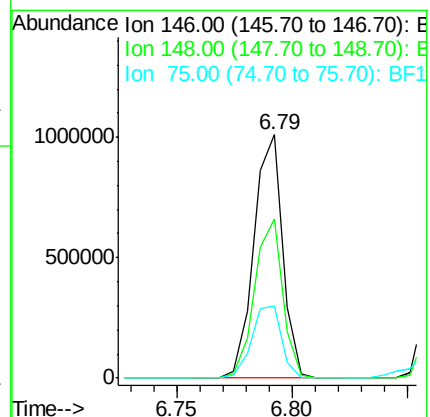
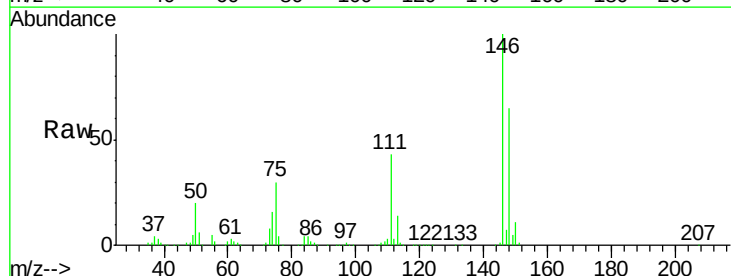
Tgt Ion: 146 Resp: 878782

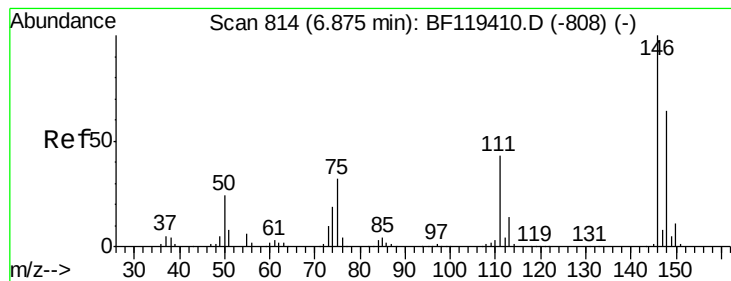
Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

75 29.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 37.14 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

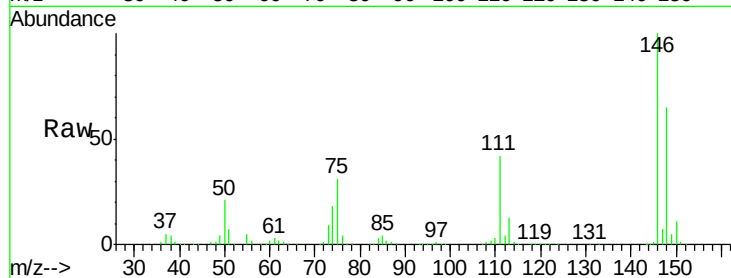
Tgt Ion:146 Resp: 883820

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

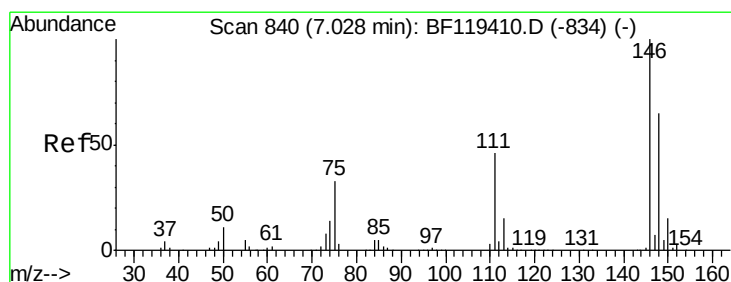
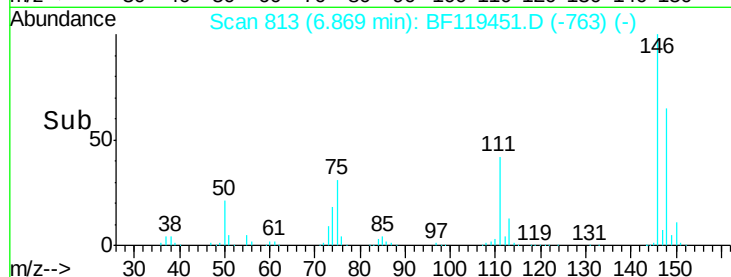
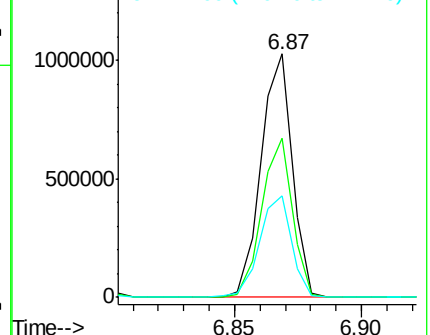
111 41.5 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.49 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

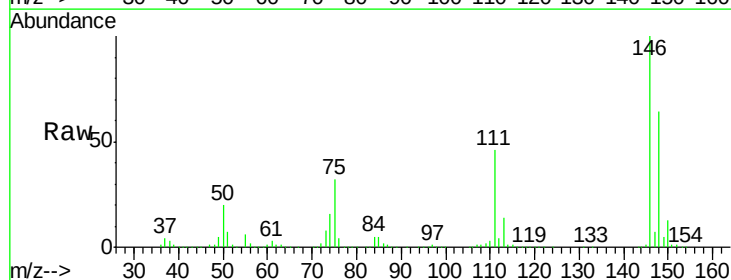
Tgt Ion:146 Resp: 833682

Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

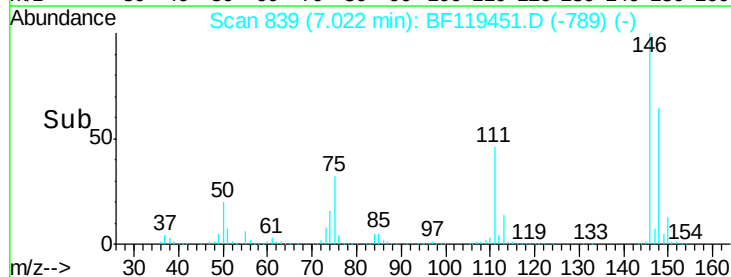
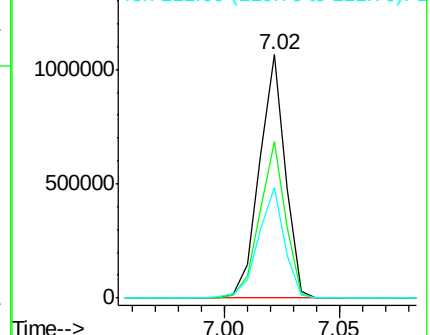
111 45.6 36.4 54.6

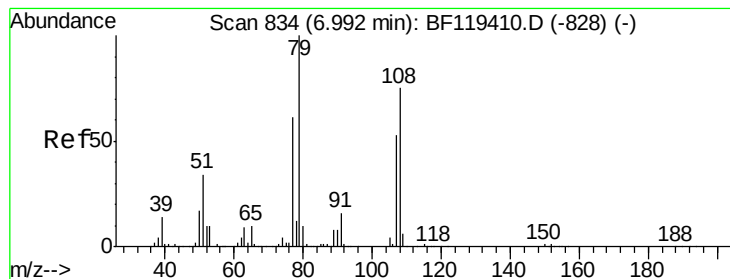


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.23 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

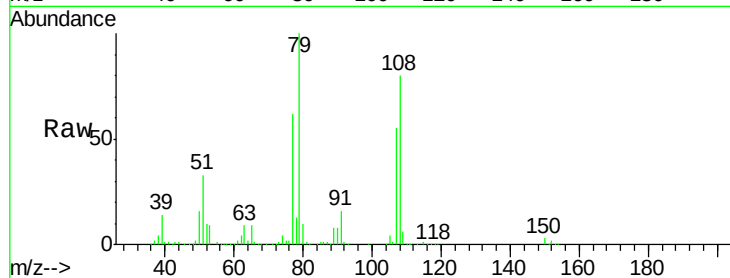
Tgt Ion: 79 Resp: 748701

Ion Ratio Lower Upper

79 100

108 79.5 60.4 90.6

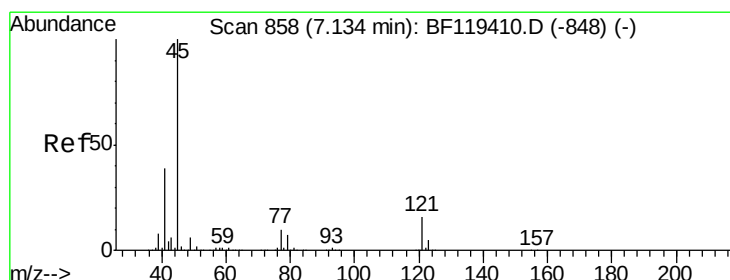
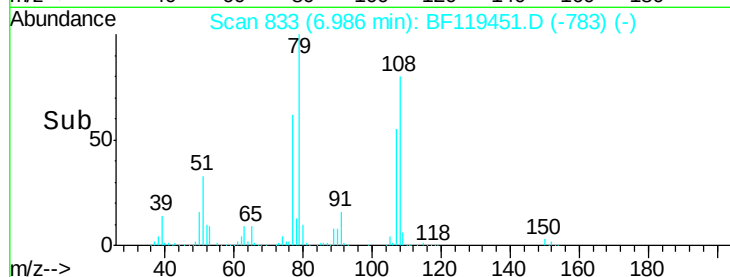
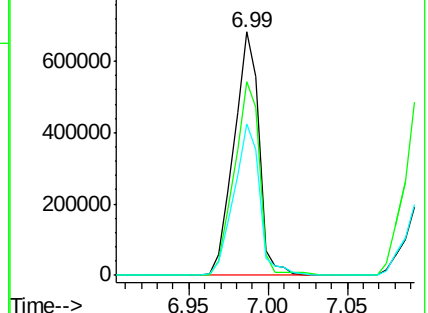
77 62.2 49.0 73.4



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: 34.61 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

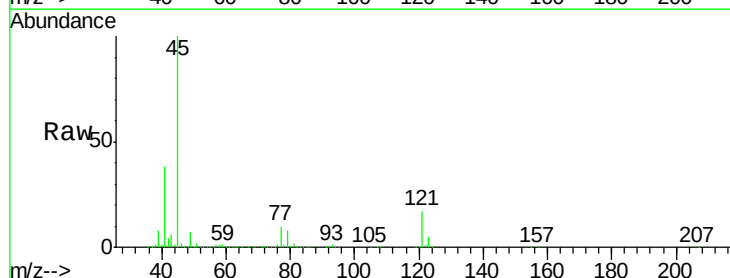
Tgt Ion: 45 Resp: 1592698

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.1

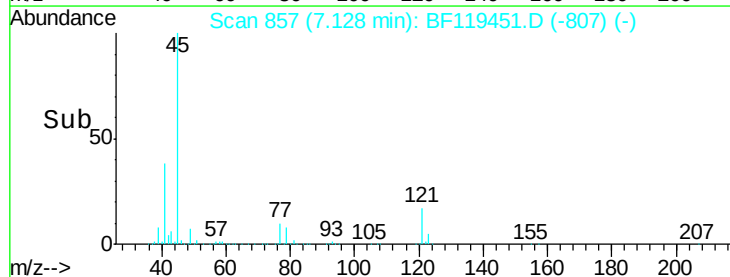
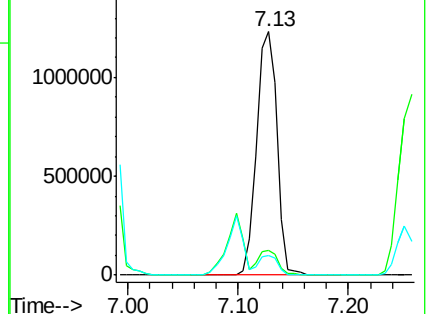
79 8.2 0.0 27.4

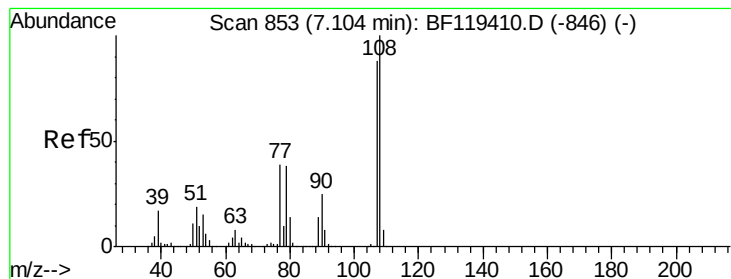


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

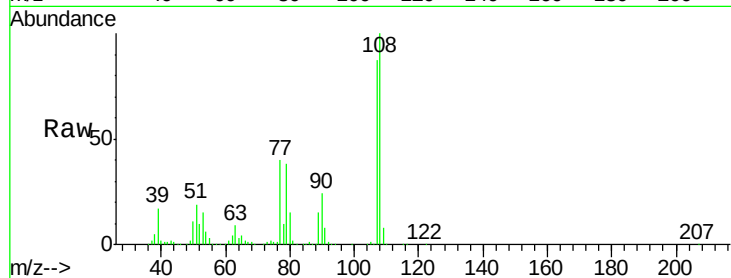




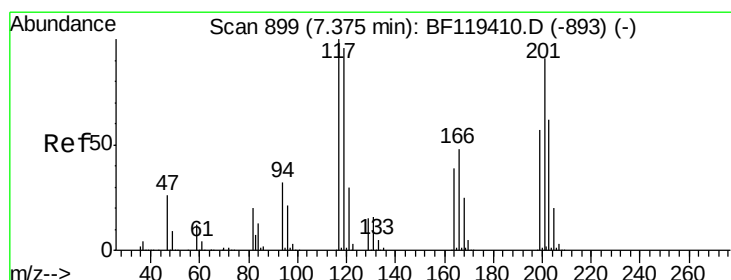
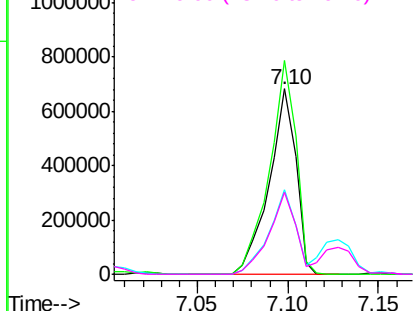
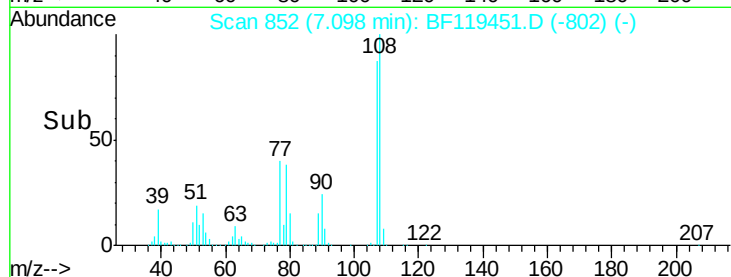
#17
2-Methylphenol
Concen: 34.69 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.7	136.1
77	45.8	35.6	53.4
79	44.2	34.7	52.1

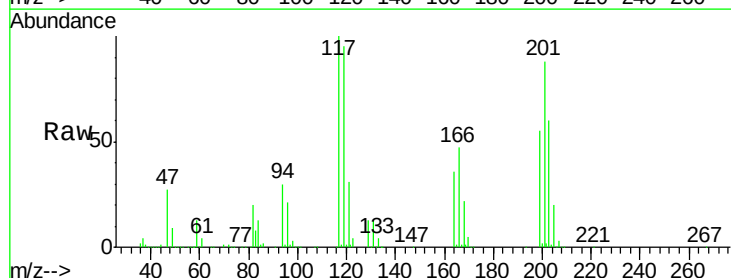


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

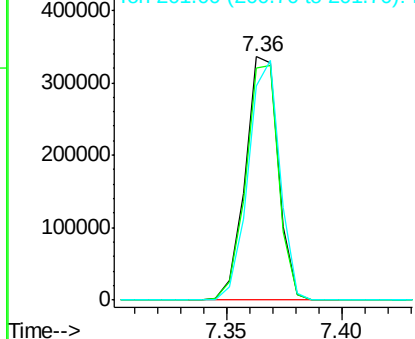
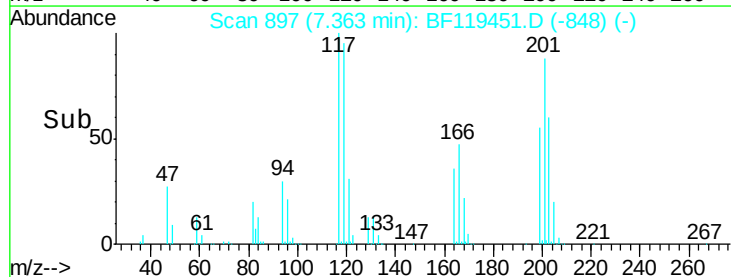


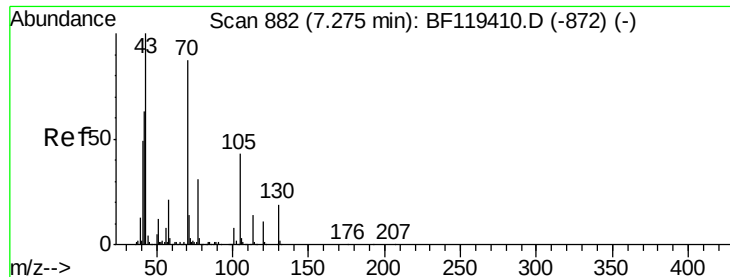
#18
Hexachloroethane
Concen: 38.36 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
201	88.0	72.5	108.7



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

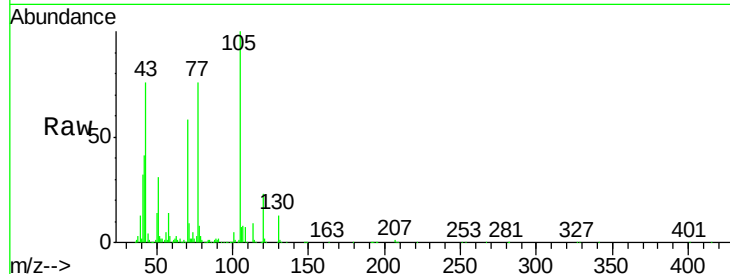




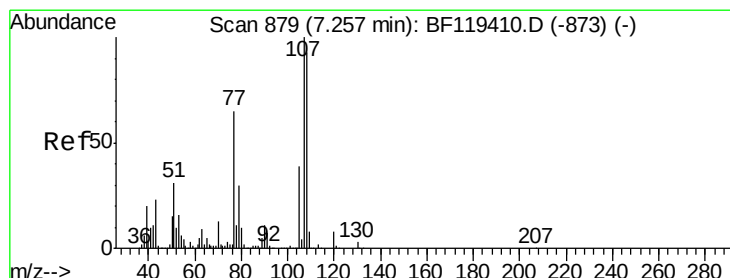
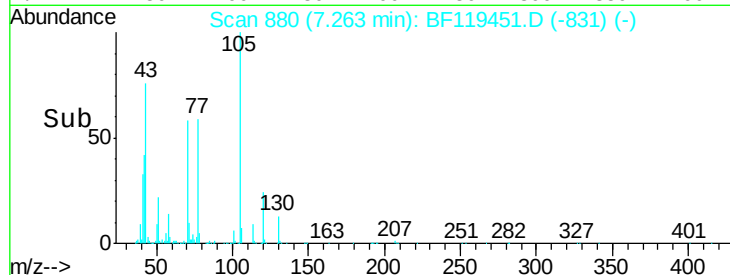
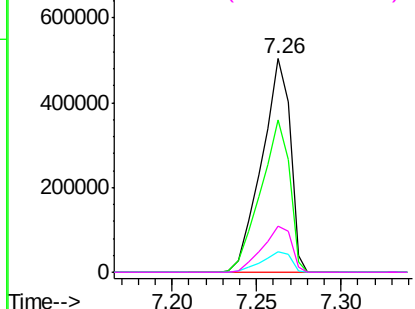
#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion: 70 Resp: 588439
Ion Ratio Lower Upper
70 100
42 71.4 58.2 87.4
101 9.5 7.4 11.2
130 21.9 17.8 26.8



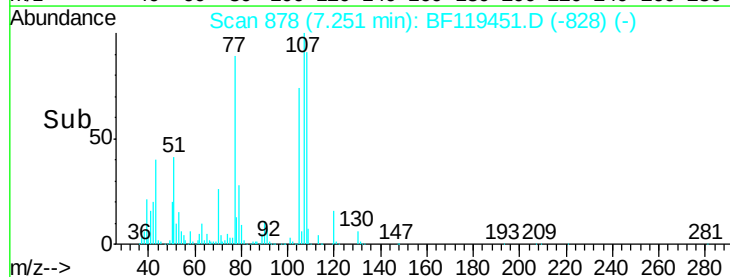
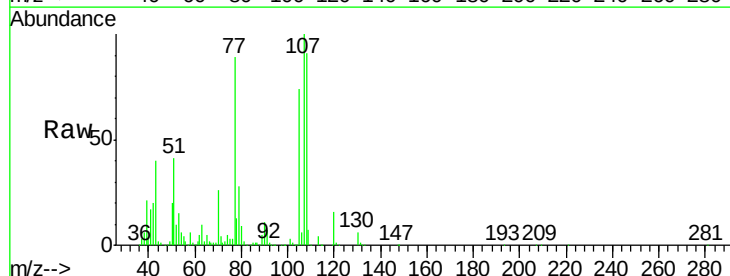
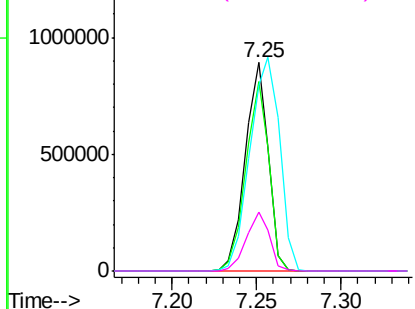
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

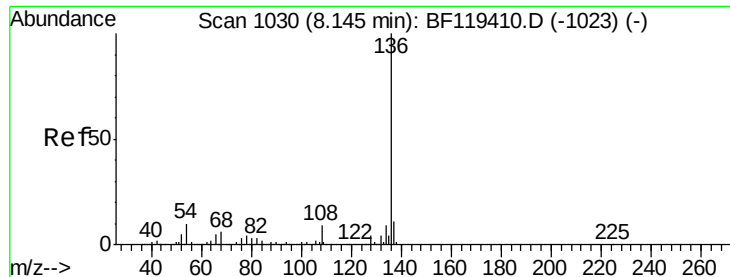


#20
3+4-Methylphenols
Concen: 34.59 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion: 107 Resp: 853670
Ion Ratio Lower Upper
107 100
108 90.9 72.6 112.6
77 88.8 44.7 84.7#
79 28.0 10.2 50.2

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tgt Ion:136 Resp: 1301537

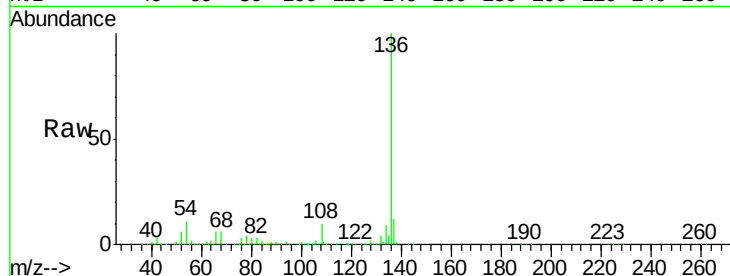
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.3 8.3 12.5

68 6.2 4.9 7.3

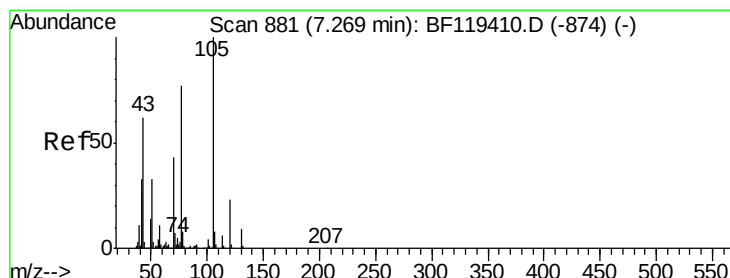
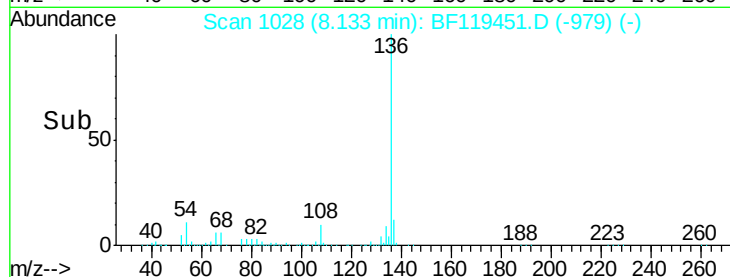
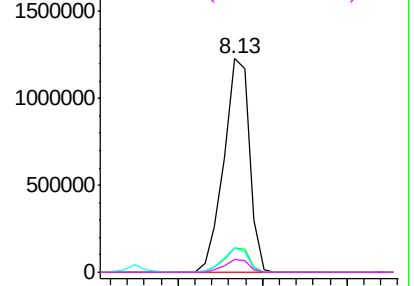


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.01 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Tgt Ion:105 Resp: 1119828

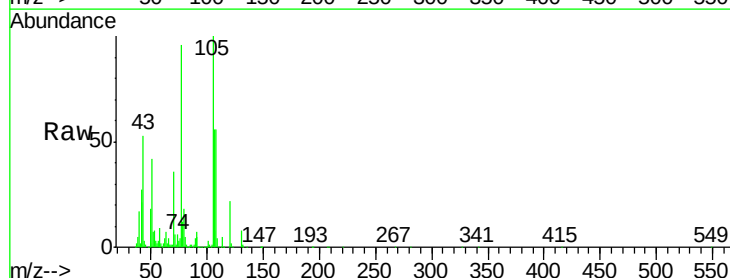
Ion Ratio Lower Upper

105 100

71 6.0 5.8 8.6

51 41.8 26.8 40.2#

120 22.2 18.0 27.0

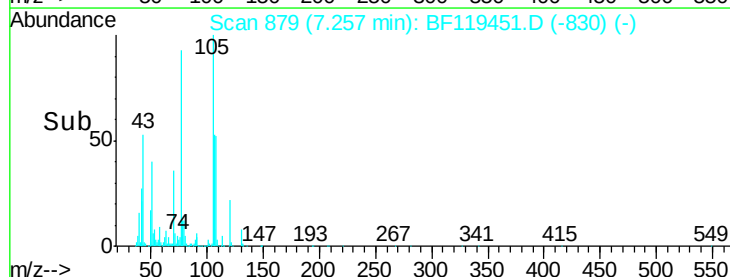
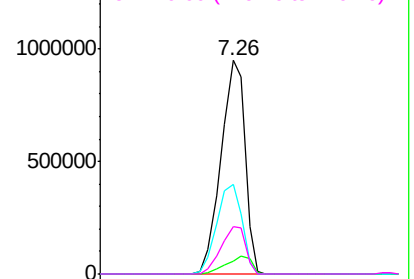


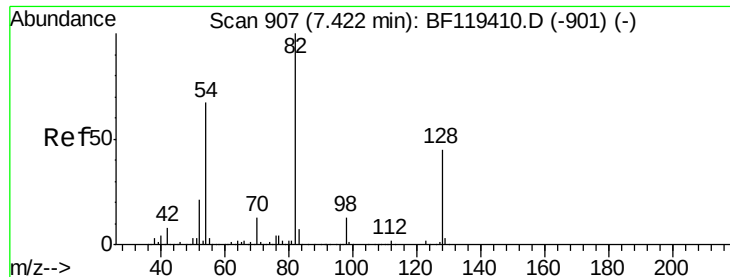
Abundance Ion 105.00 (104.70 to 105.70): E

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

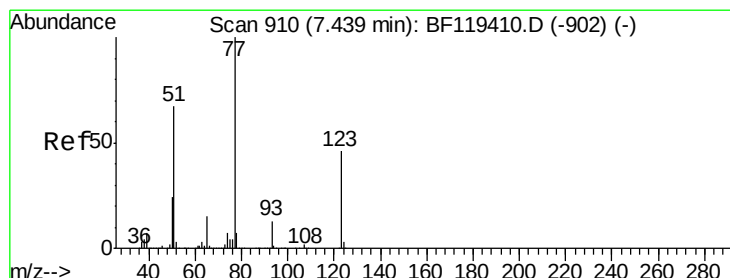
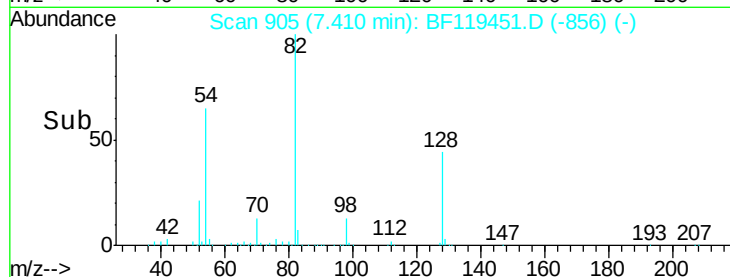
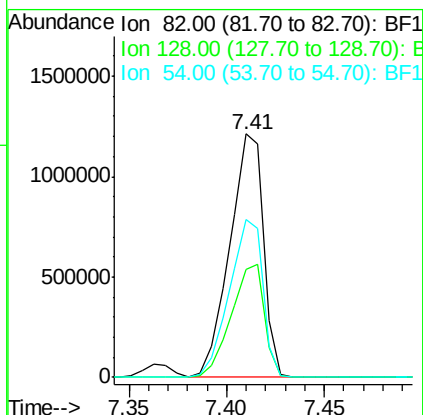
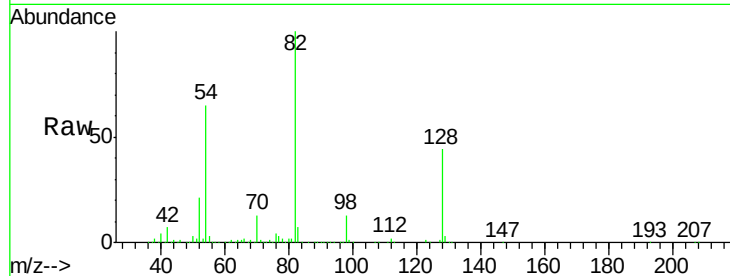




#23
 Nitrobenzene-d5
 Concen: 60.46 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

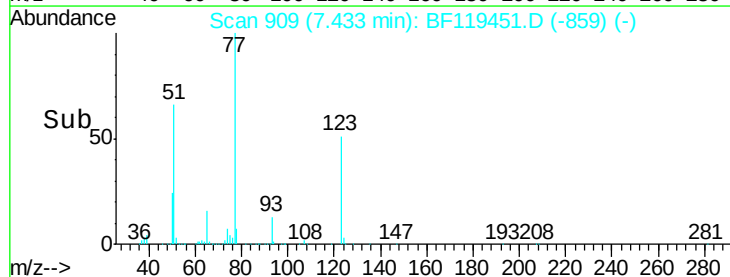
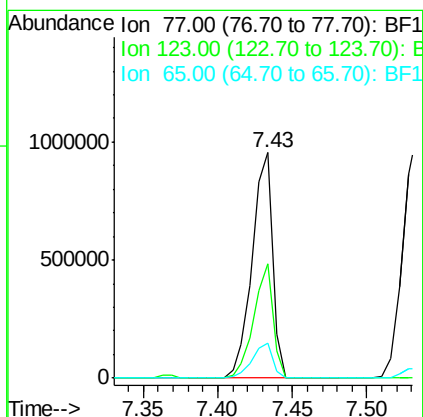
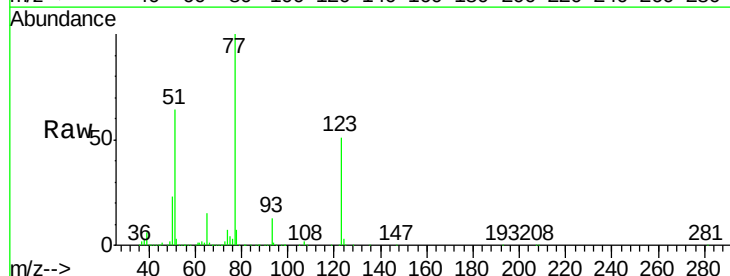
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

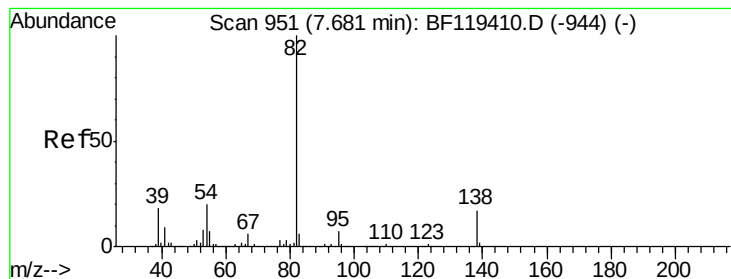
Tgt Ion: 82 Resp: 1447922
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.8 53.8
 54 64.7 53.4 80.0



#24
 Nitrobenzene
 Concen: 35.19 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion: 77 Resp: 900695
 Ion Ratio Lower Upper
 77 100
 123 50.5 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 34.16 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

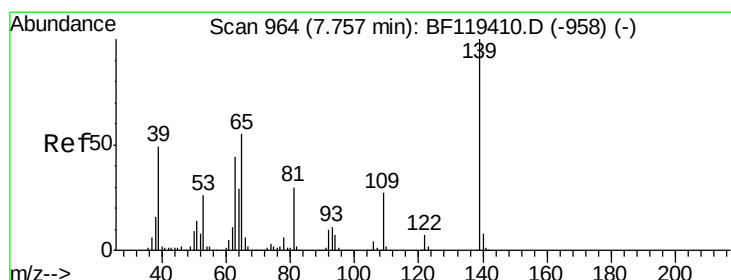
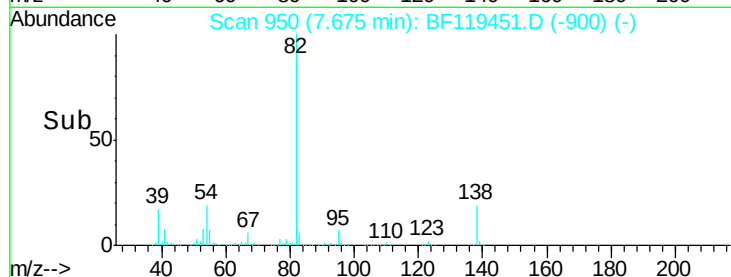
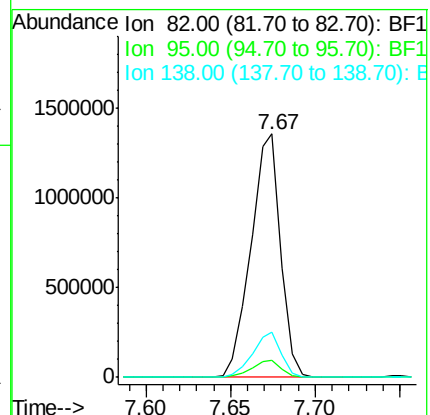
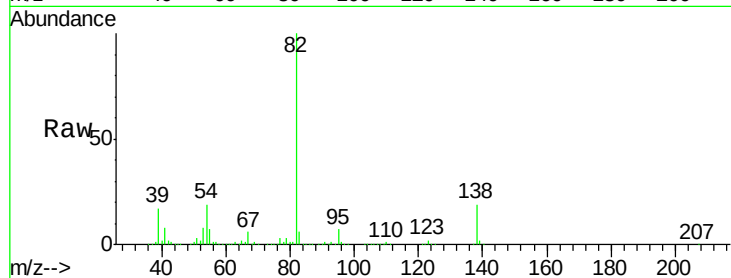
Tgt Ion: 82 Resp: 1659490

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.8 13.8 20.8



#26

2-Nitrophenol

Concen: 42.91 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

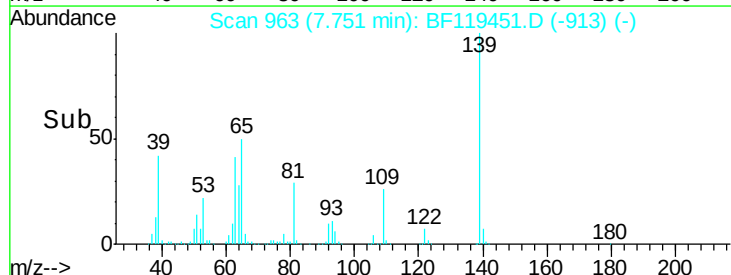
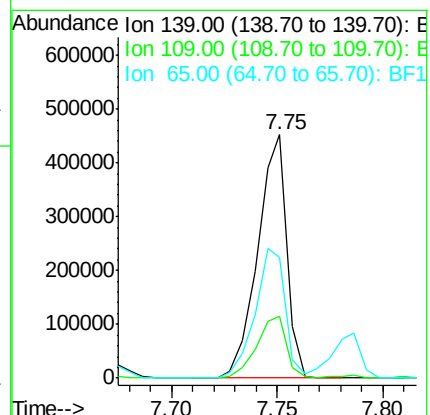
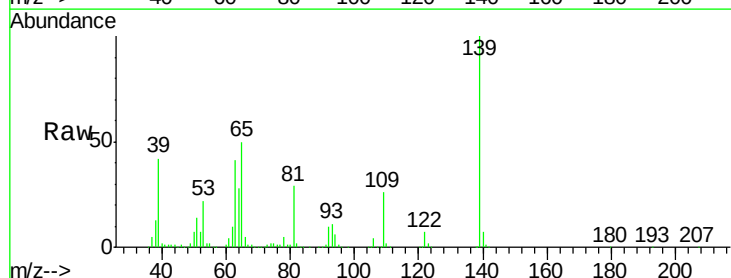
Tgt Ion: 139 Resp: 432449

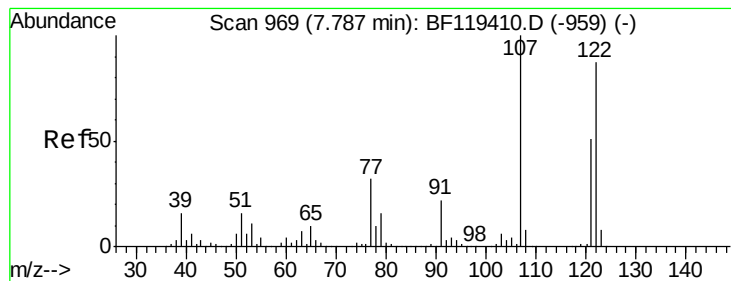
Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

65 49.6 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 38.38 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

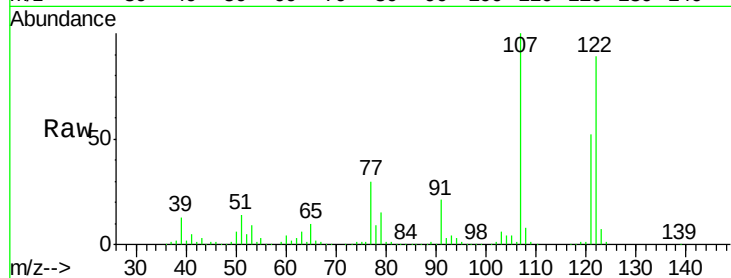
Tgt Ion:122 Resp: 799697

Ion Ratio Lower Upper

122 100

107 112.3 91.8 137.6

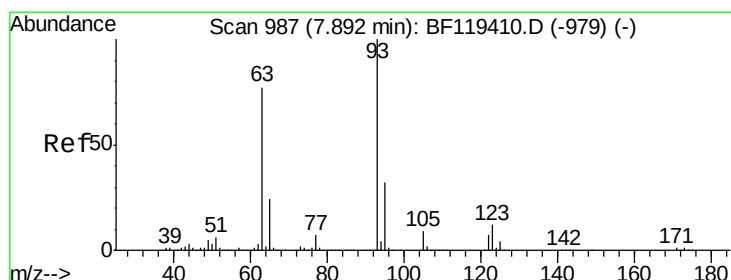
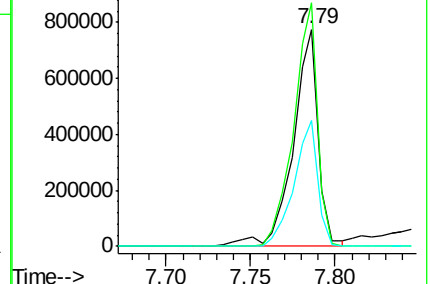
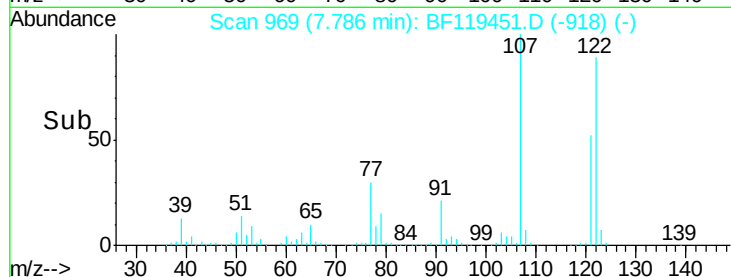
121 58.3 46.5 69.7



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: 36.22 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

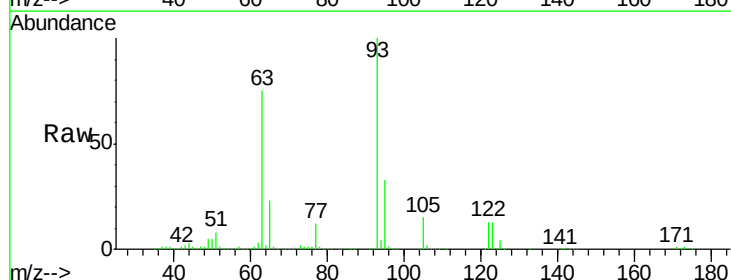
Tgt Ion: 93 Resp: 1040377

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

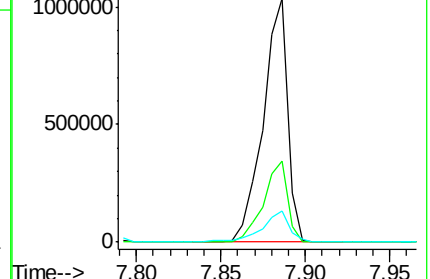
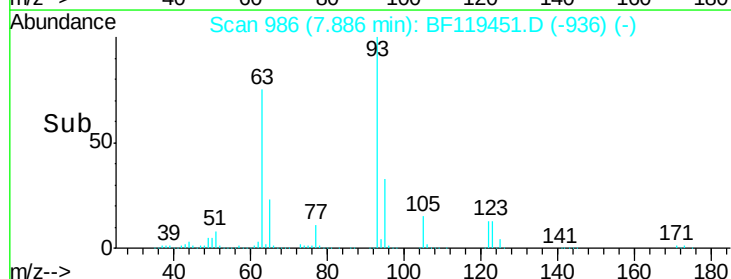
123 12.6 9.7 14.5

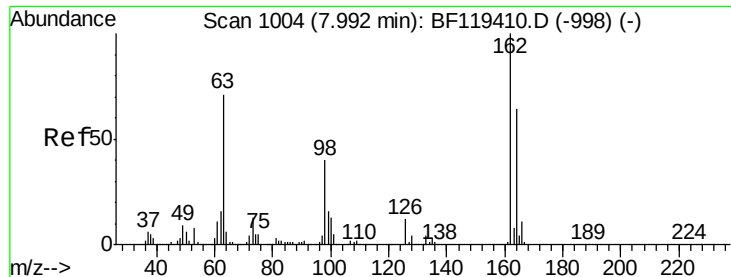


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

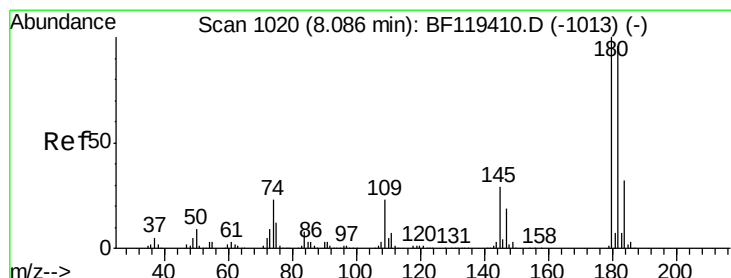
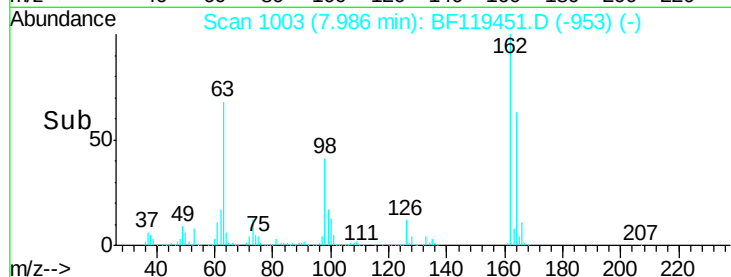
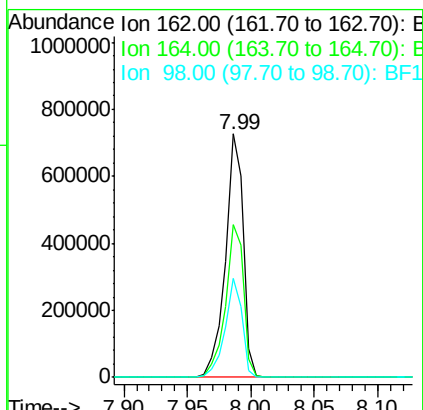
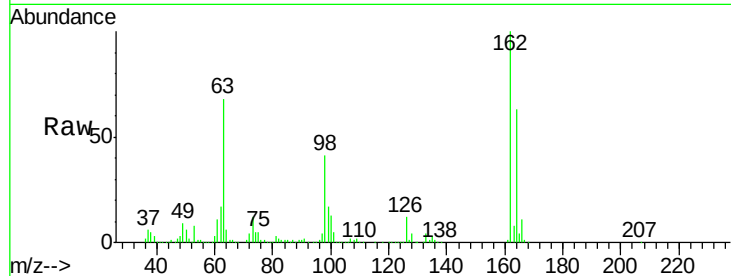




#29
 2,4-Dichlorophenol
 Concen: 36.75 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

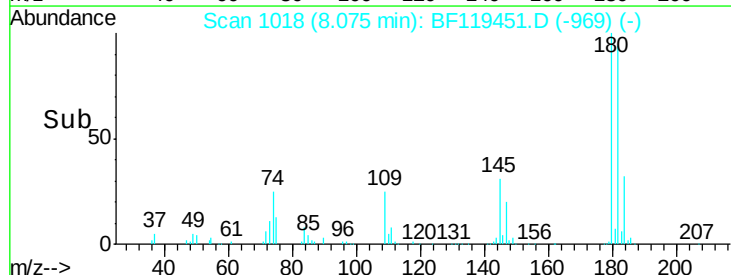
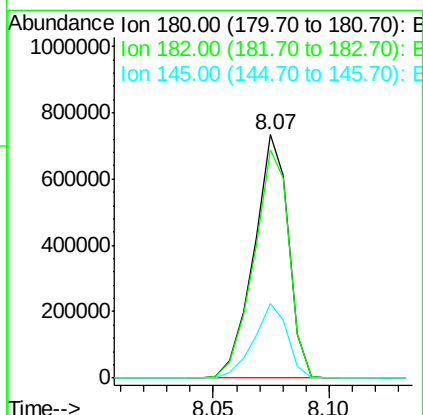
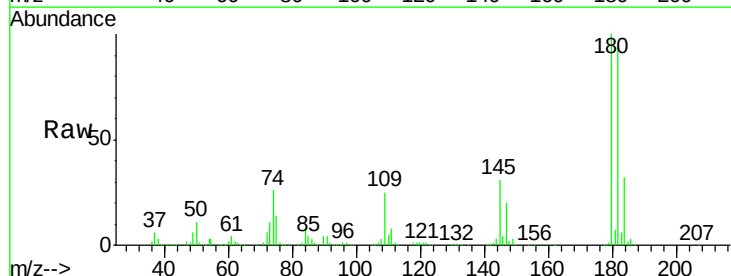
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

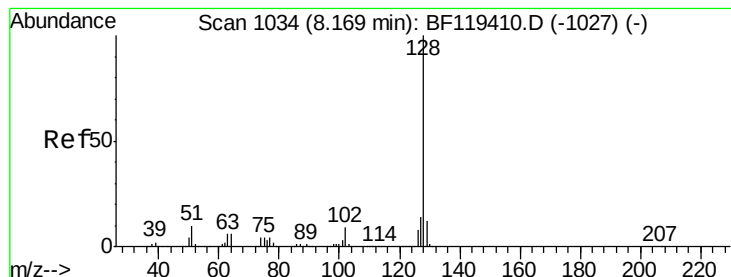
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.6	83.6
98	40.7	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 35.95 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	115.0
145	30.5	23.2	34.8





#31

Naphthalene

Concen: 36.07 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

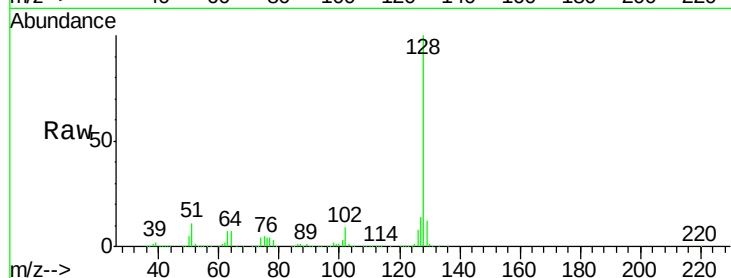
Tgt Ion:128 Resp: 2415663

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

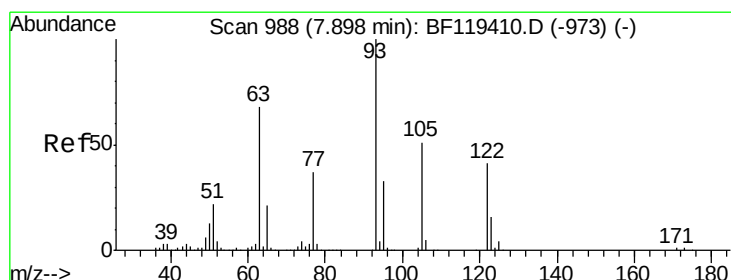
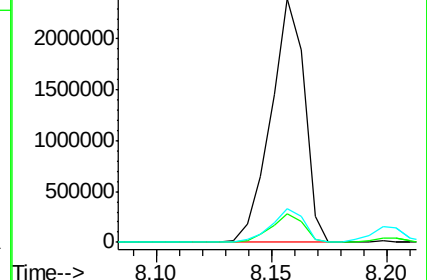
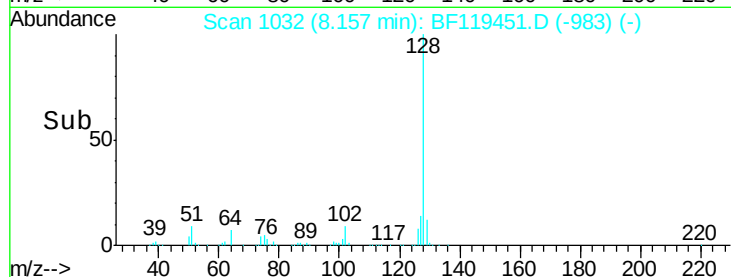
127 13.9 11.0 16.4



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: 36.73 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

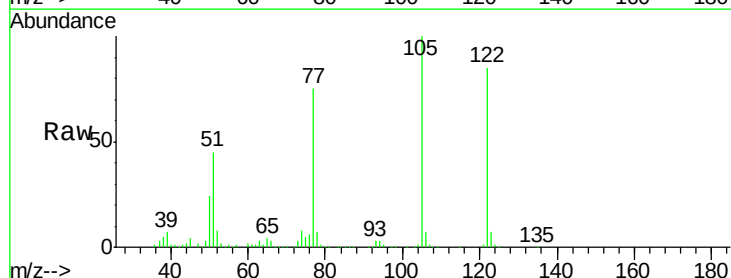
Tgt Ion:122 Resp: 492286

Ion Ratio Lower Upper

122 100

105 117.5 102.9 142.9

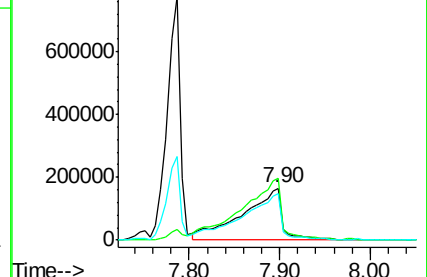
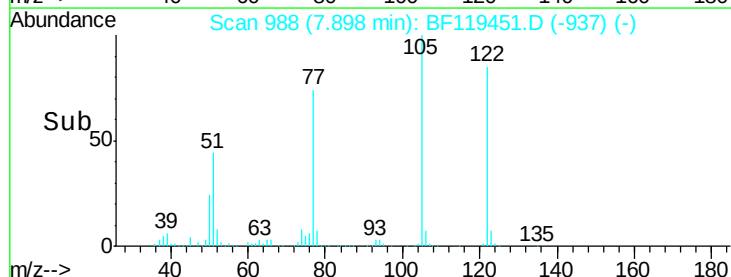
77 88.3 70.1 110.1

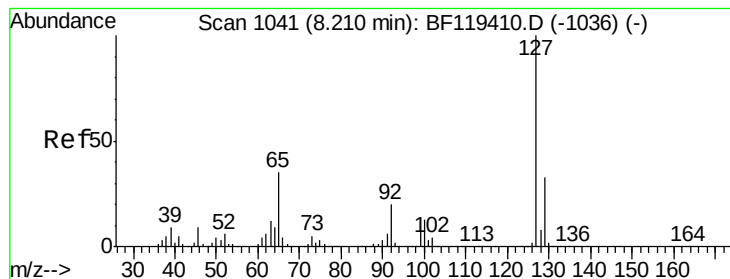


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.33 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

Tgt Ion:127 Resp: 163672

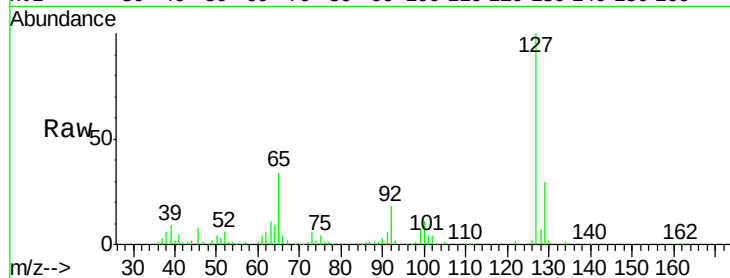
Ion Ratio Lower Upper

127 100

129 30.2 26.2 39.4

65 34.4 27.7 41.5

92 18.3 15.8 23.6

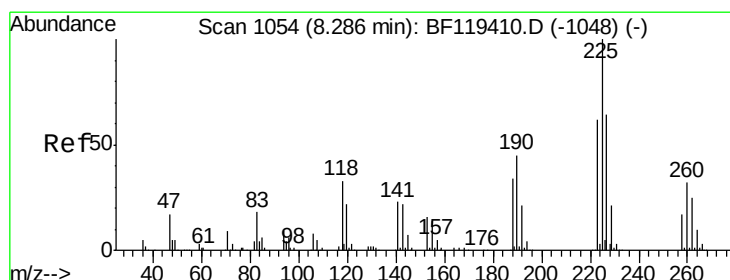
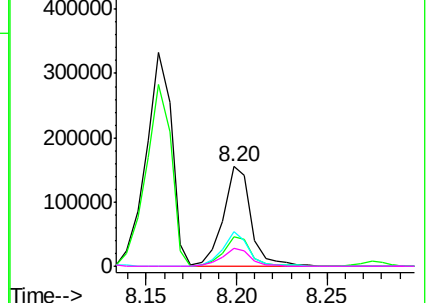
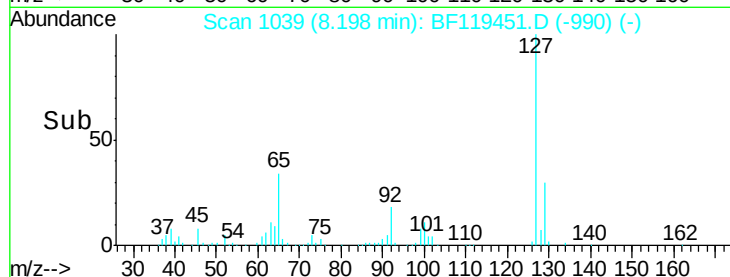


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.60 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

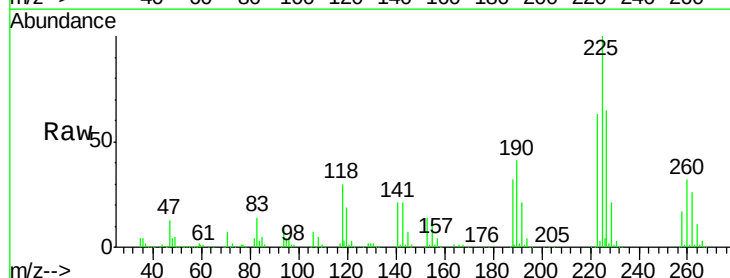
Tgt Ion:225 Resp: 421702

Ion Ratio Lower Upper

225 100

223 63.2 49.2 73.8

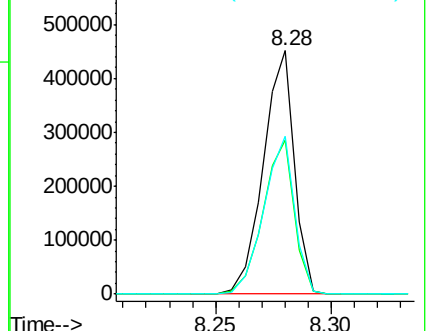
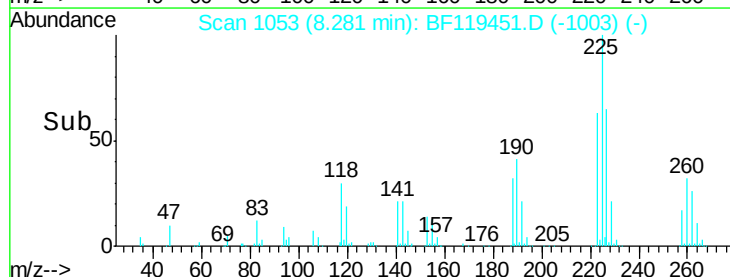
227 64.7 51.1 76.7

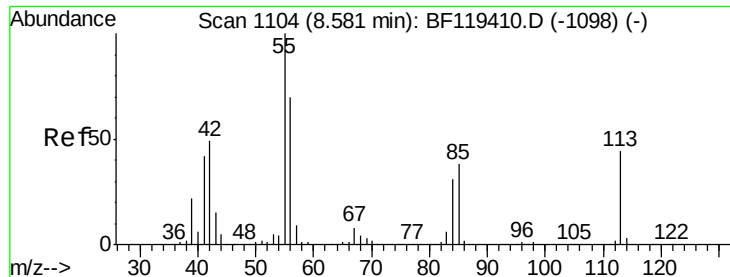


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

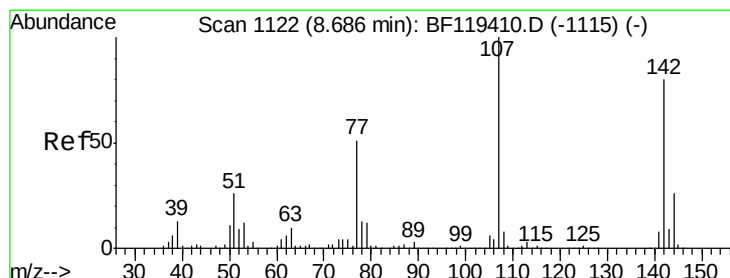
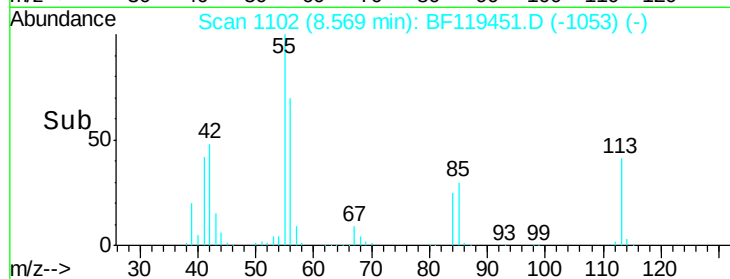
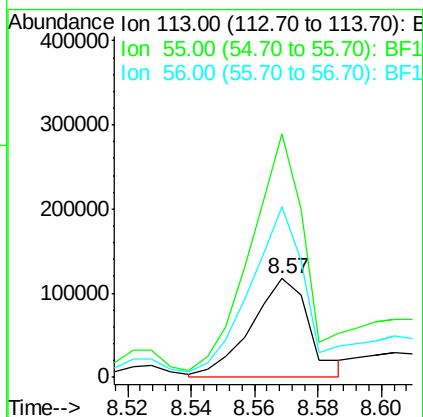
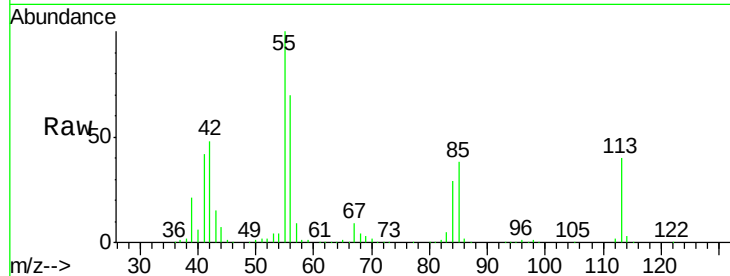




#35
 Caprolactam
 Concen: 23.95 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

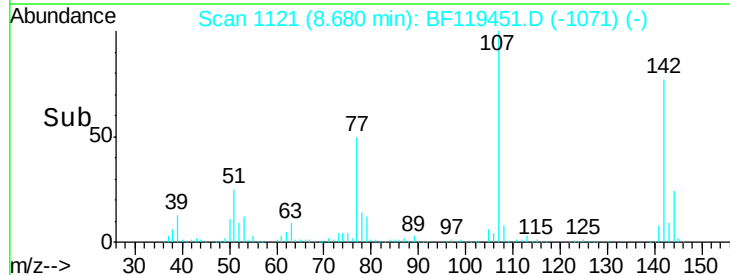
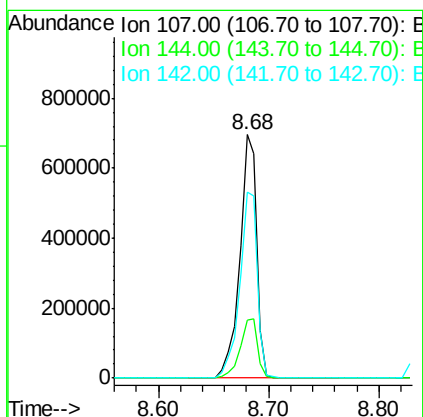
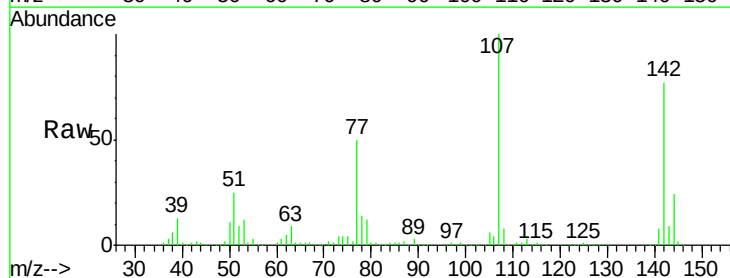
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

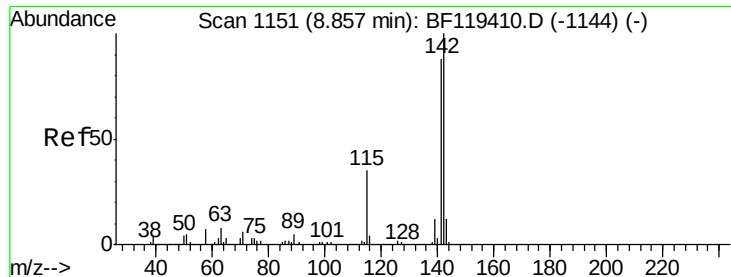
Tgt Ion:113 Resp: 150050
 Ion Ratio Lower Upper
 113 100
 55 247.3 208.4 248.4
 56 173.1 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 35.81 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:107 Resp: 749325
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.6 31.0
 142 76.7 63.8 95.6

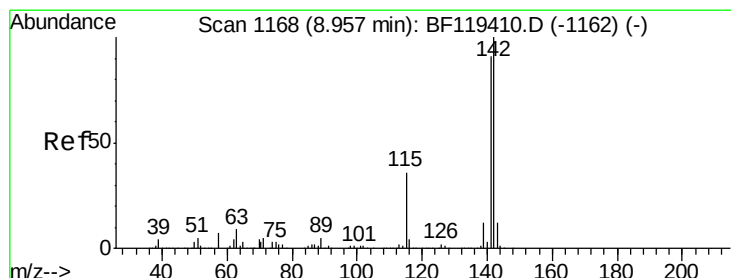
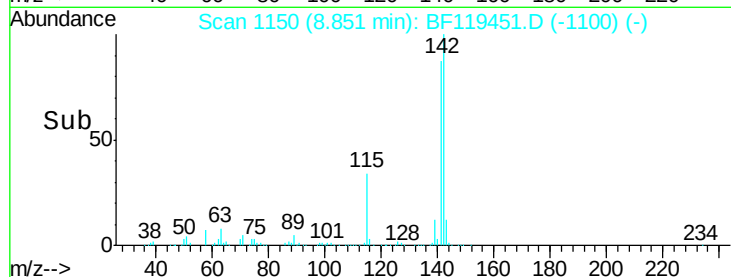
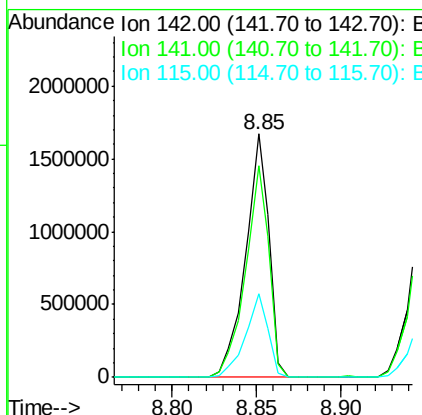
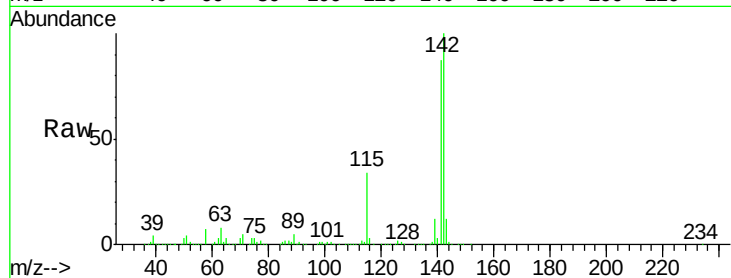




#37
2-Methylnaphthalene
Concen: 36.77 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

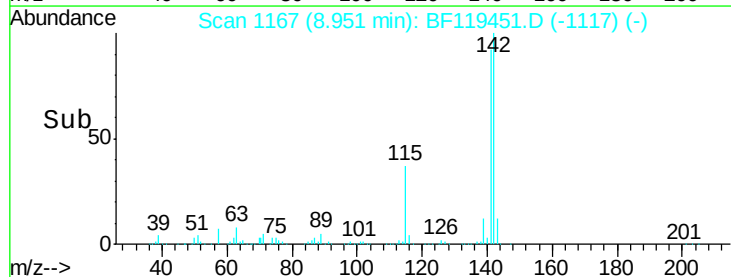
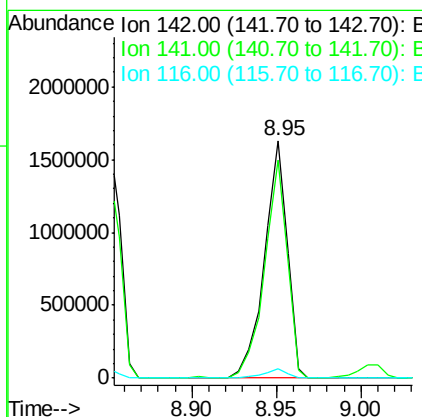
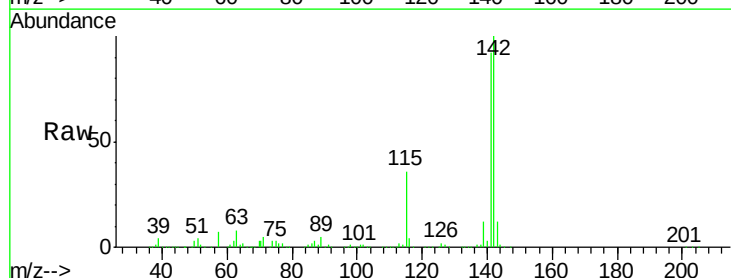
Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

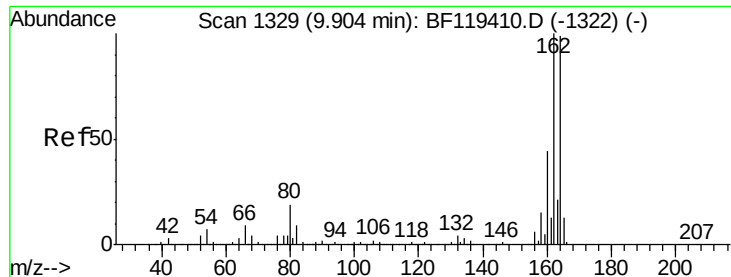
Tgt Ion:142 Resp: 1616518
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6
115 34.5 27.8 41.6



#38
1-Methylnaphthalene
Concen: 36.50 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:142 Resp: 1518752
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7
116 3.7 3.0 4.6

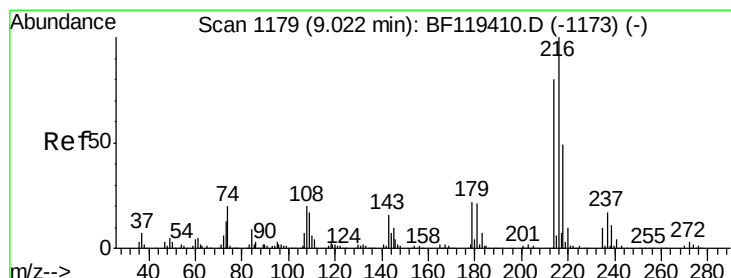
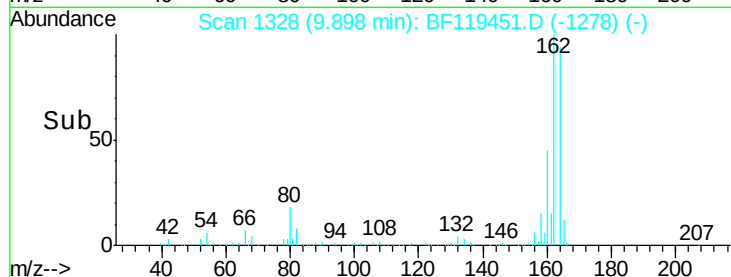
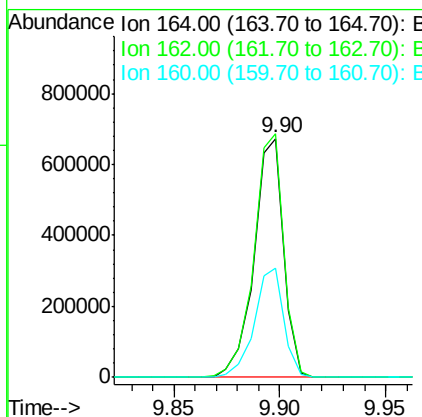
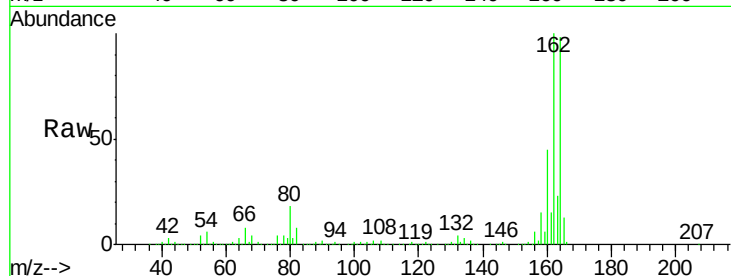




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

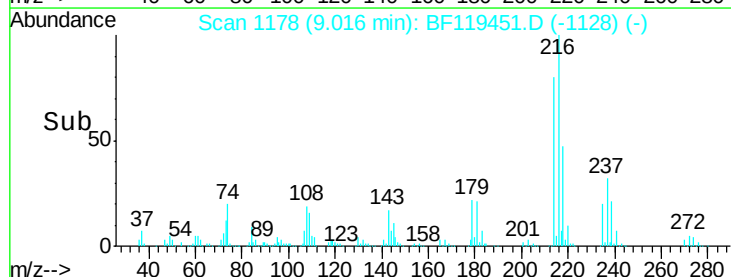
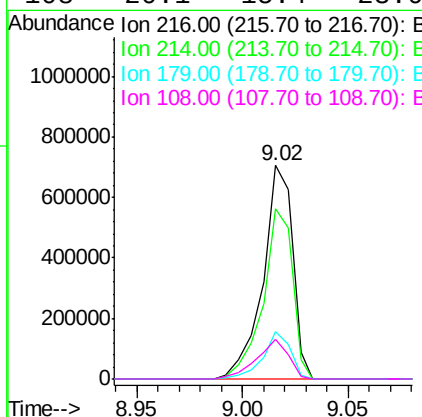
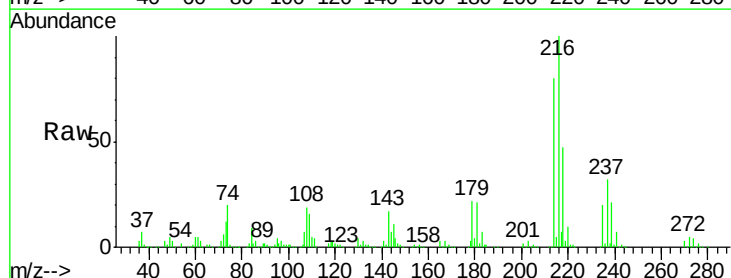
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

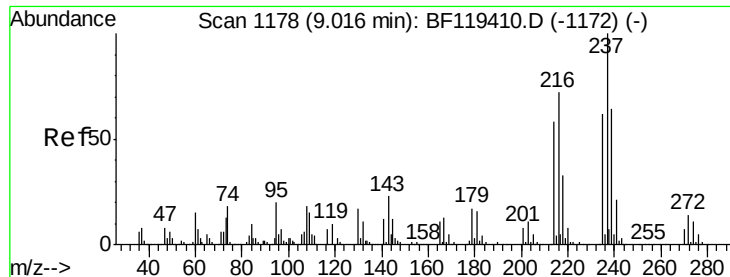
Tgt Ion:164 Resp: 656529
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.7 121.1
 160 46.0 35.5 53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.96 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:216 Resp: 691974
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.6
 179 20.7 17.0 25.4
 108 20.1 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 66.68 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

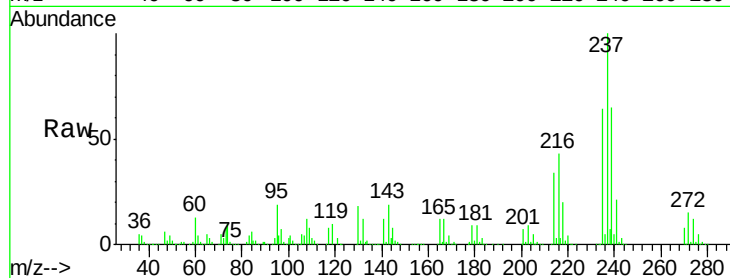
Tgt Ion: 237 Resp: 729492

Ion Ratio Lower Upper

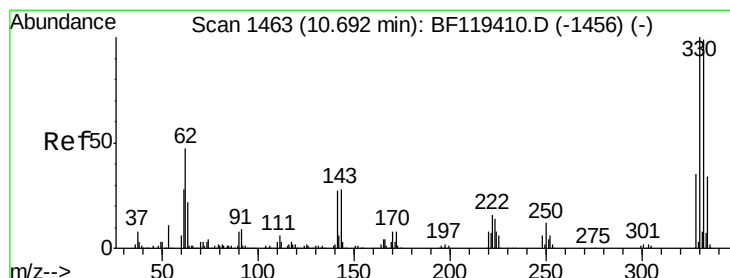
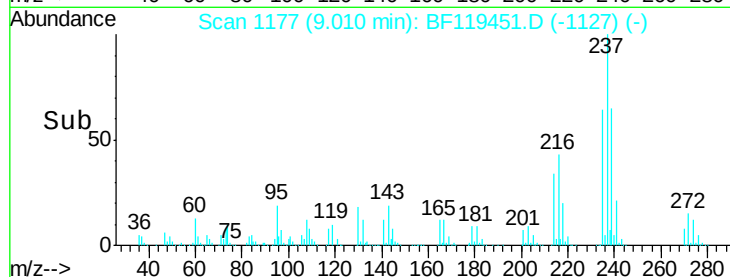
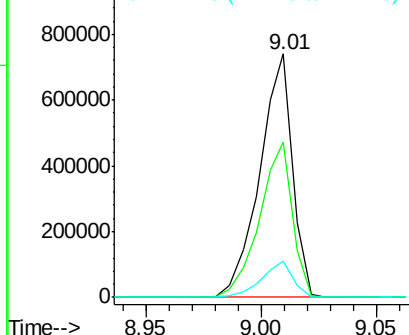
237 100

235 63.7 42.5 82.5

272 14.8 0.0 34.3



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: 90.25 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

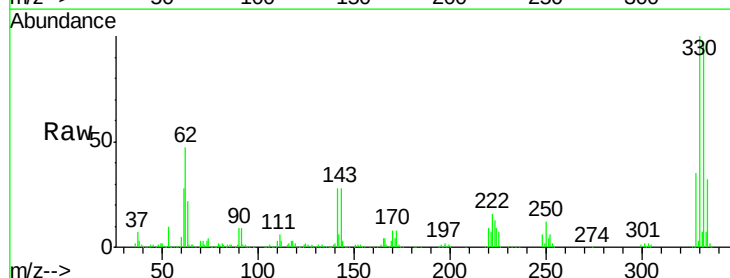
Tgt Ion: 330 Resp: 611261

Ion Ratio Lower Upper

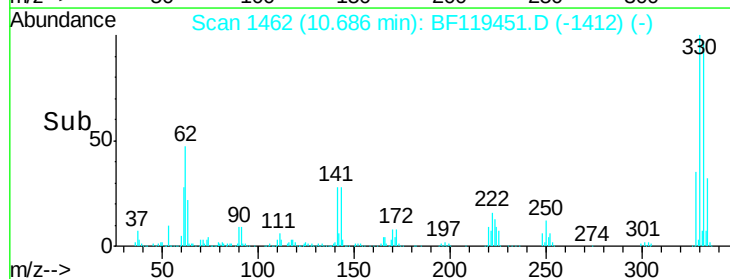
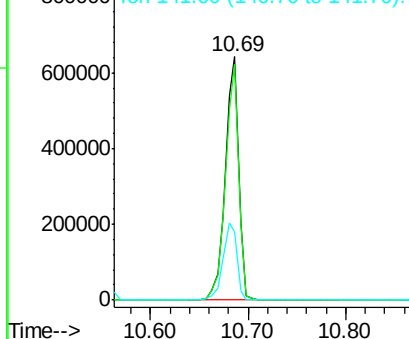
330 100

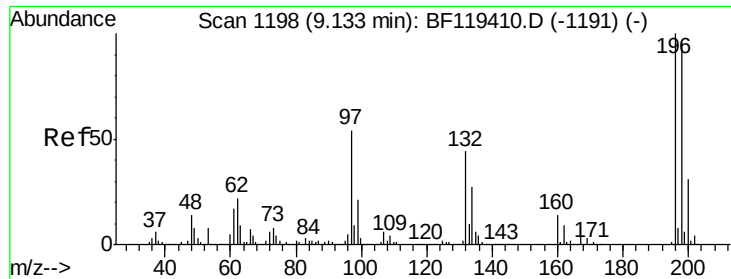
332 95.5 77.6 116.4

141 33.1 26.6 40.0



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

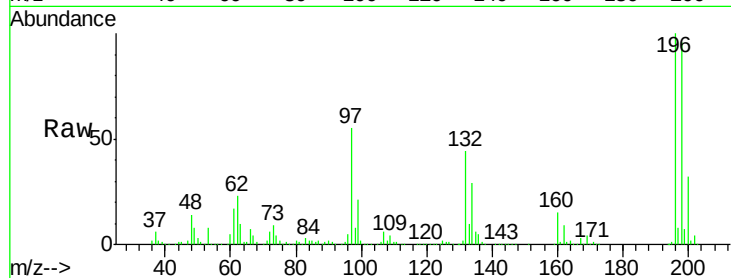




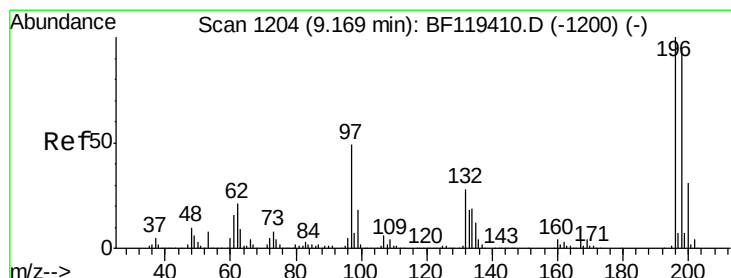
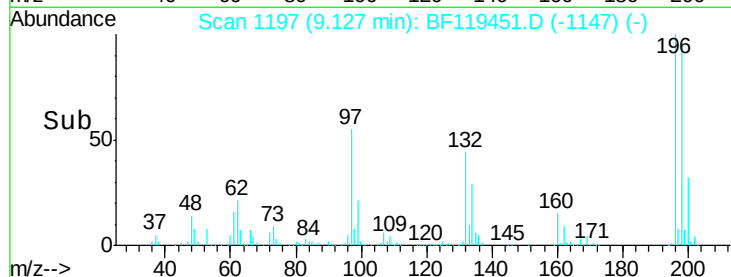
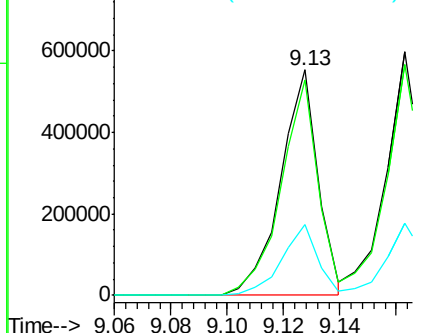
#43
 2,4,6-Trichlorophenol
 Concen: 36.98 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tgt Ion:	196	Resp:	509249
Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
200	31.7	25.1	37.7

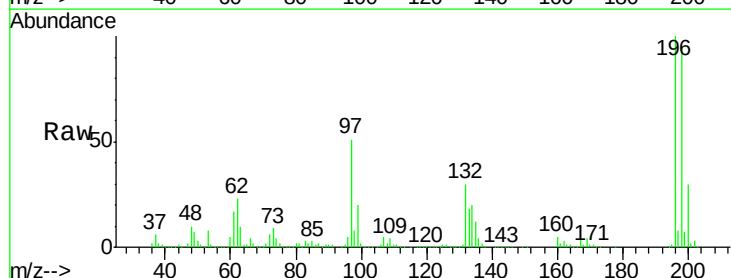


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

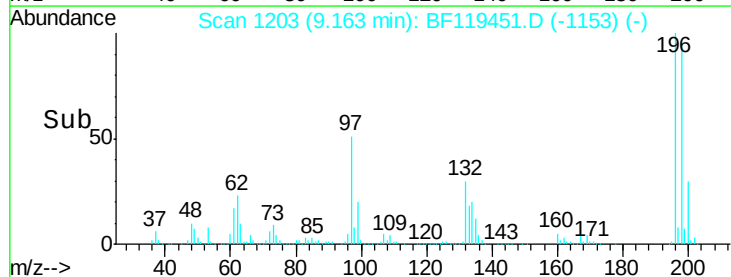
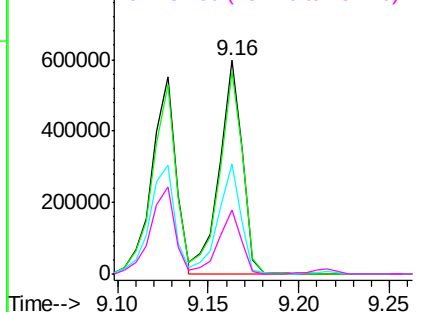


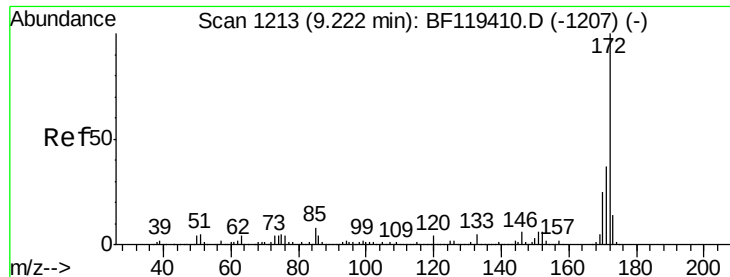
#44
 2,4,5-Trichlorophenol
 Concen: 33.82 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:	196	Resp:	521756
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.3	112.9
97	51.5	39.0	58.4
132	30.1	22.9	34.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 59.34 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

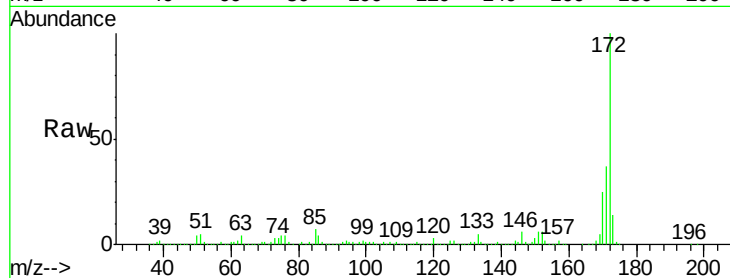
Tgt Ion:172 Resp: 2629826

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

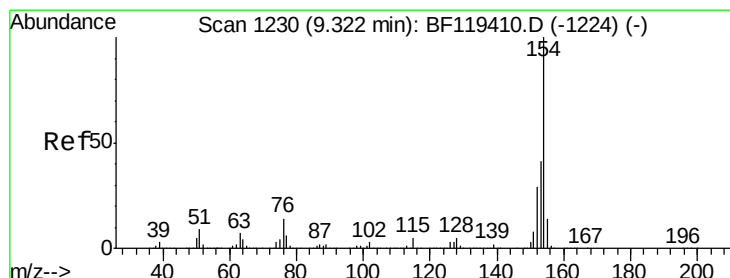
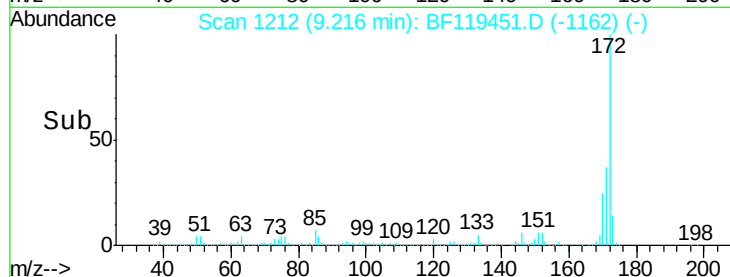
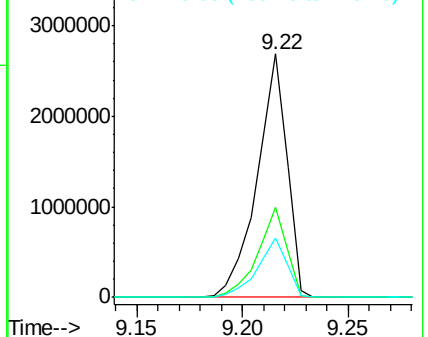
170 24.6 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 35.29 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

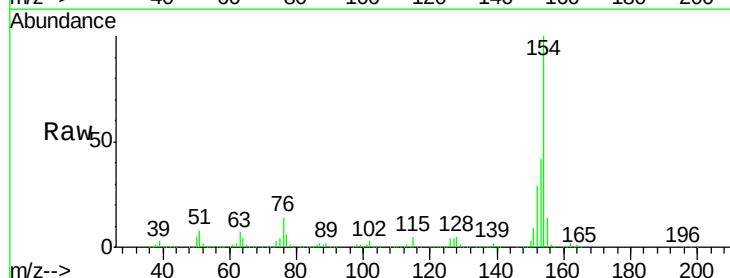
Tgt Ion:154 Resp: 1886900

Ion Ratio Lower Upper

154 100

153 41.5 21.4 61.4

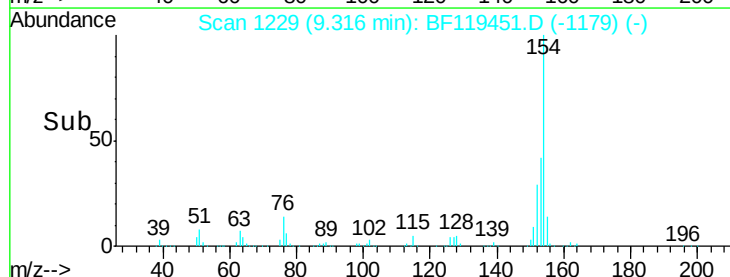
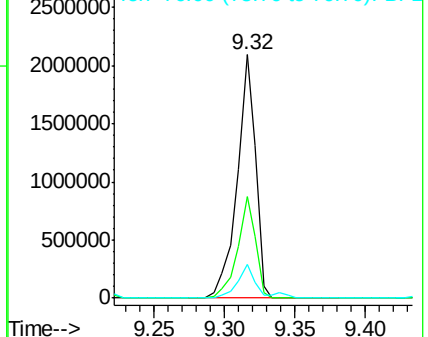
76 13.7 0.0 33.6

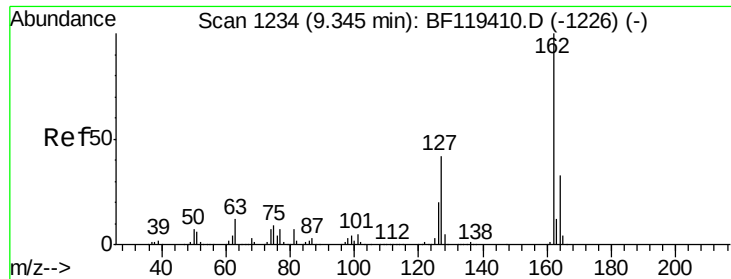


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

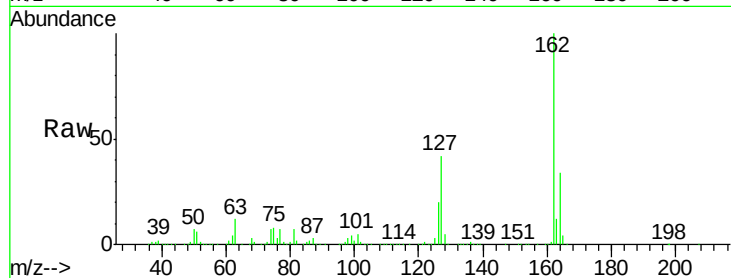




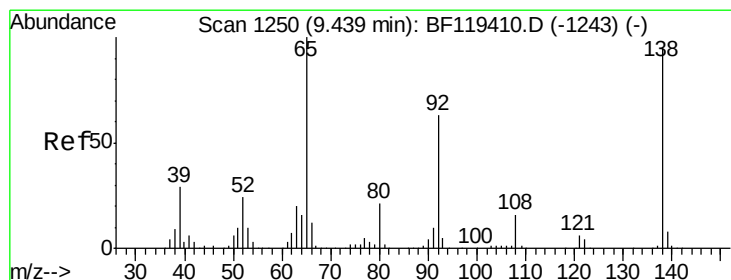
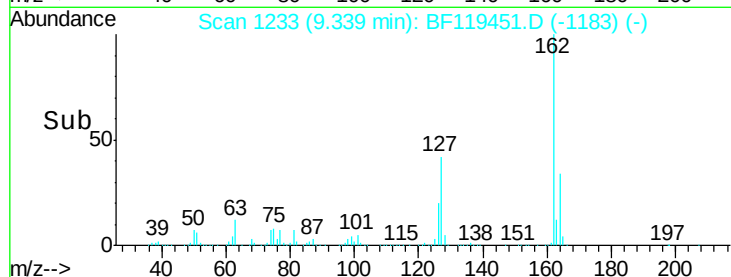
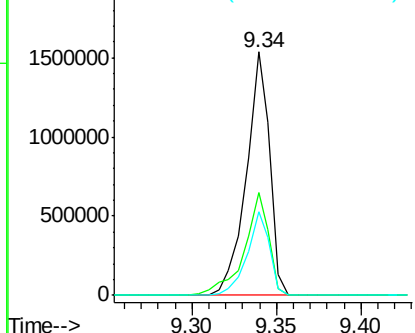
#47
 2-Chloronaphthalene
 Concen: 35.48 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tgt Ion: 162 Resp: 1486090
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.7 50.5
 164 34.2 26.2 39.4

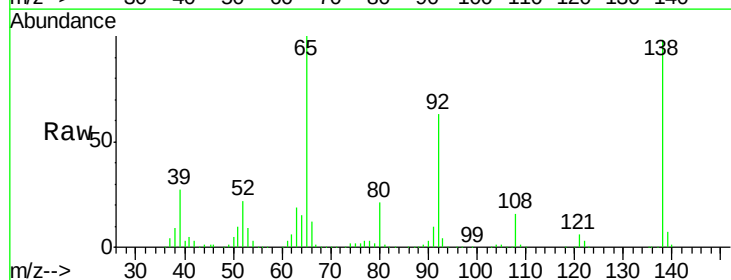


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

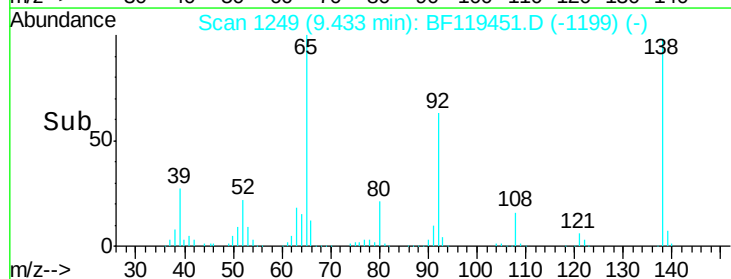
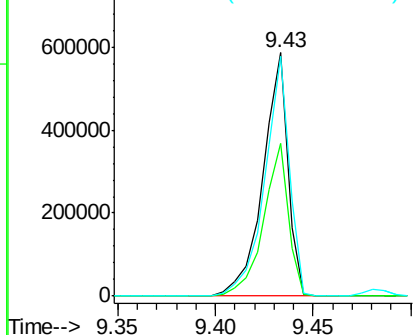


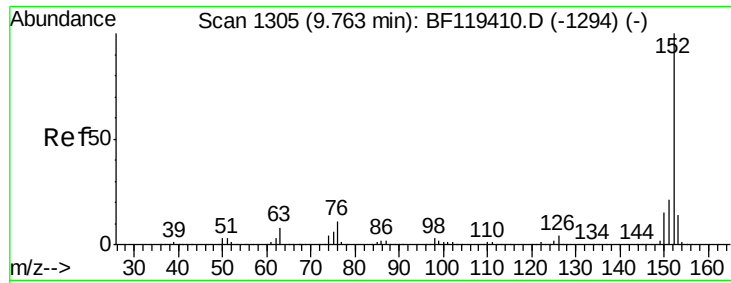
#48
 2-Nitroaniline
 Concen: 36.08 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion: 65 Resp: 521535
 Ion Ratio Lower Upper
 65 100
 92 62.8 50.5 75.7
 138 98.3 75.8 113.8



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: 35.84 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

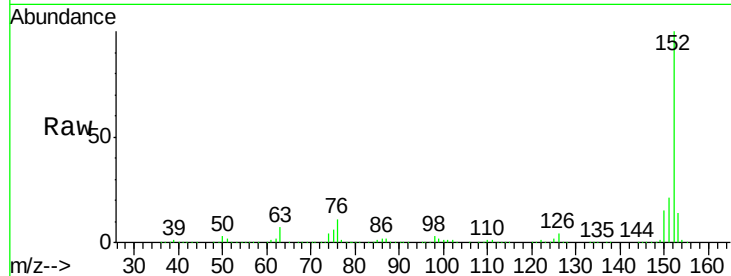
Tgt Ion:152 Resp: 2357551

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

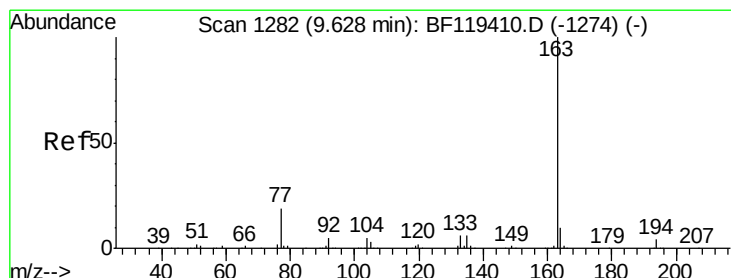
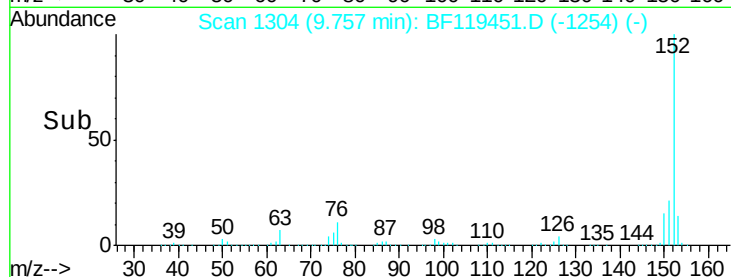
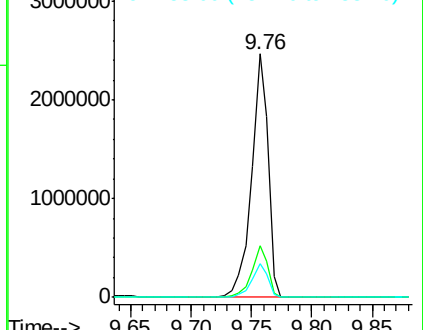
153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.68 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

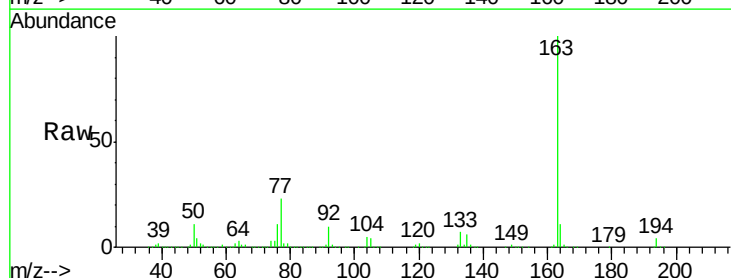
Tgt Ion:163 Resp: 1850259

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

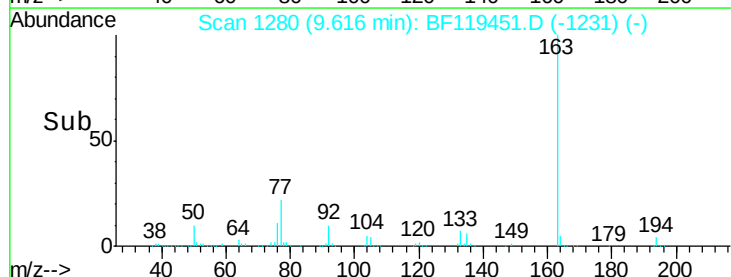
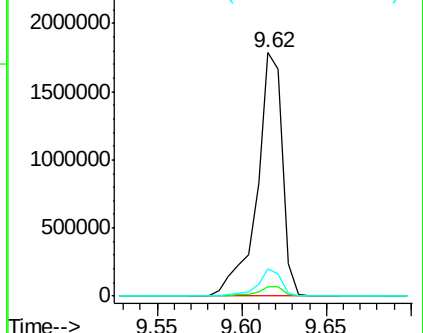
164 11.3 8.1 12.1

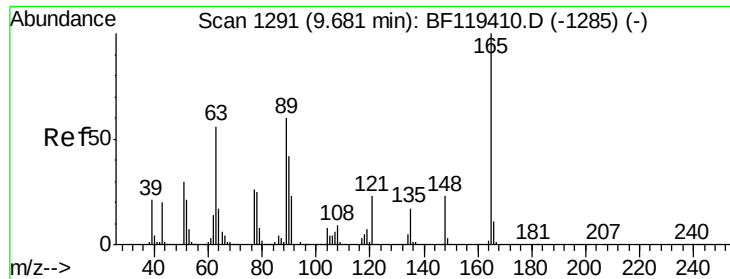


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

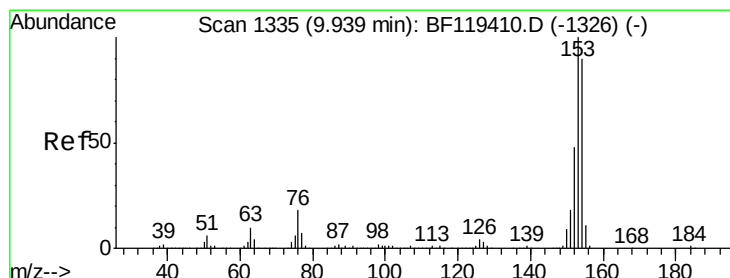
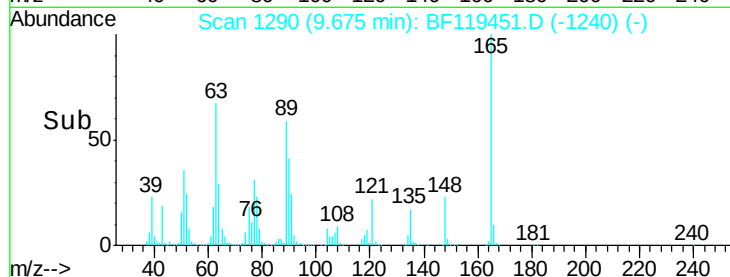
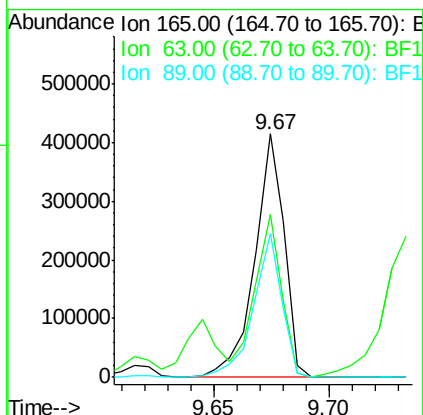
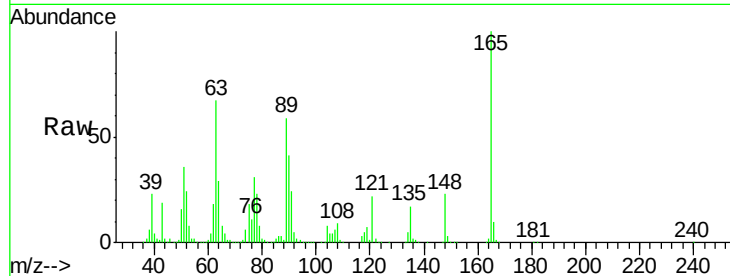




#51
 2,6-Dinitrotoluene
 Concen: 36.97 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

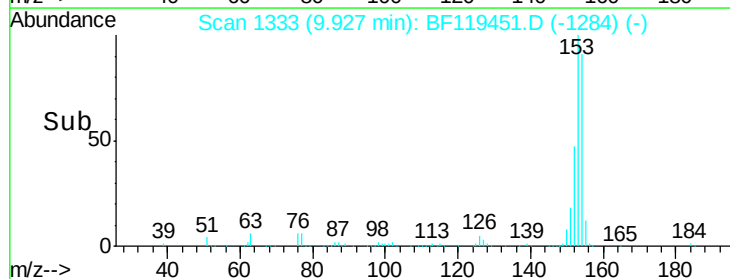
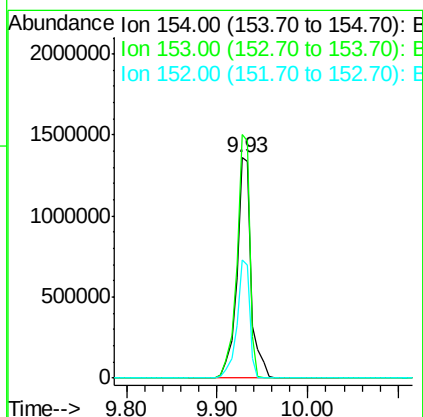
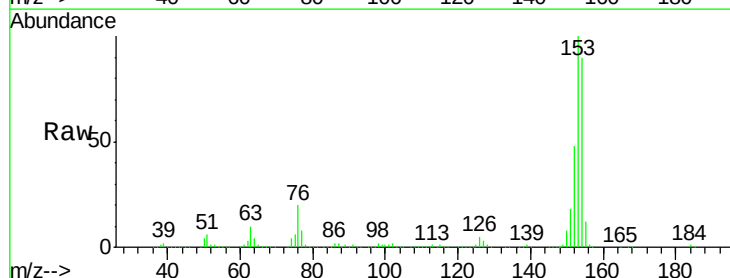
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

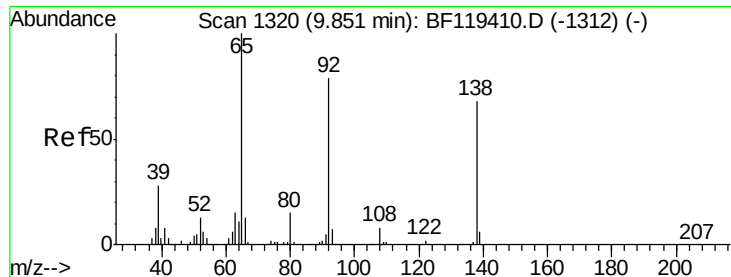
Tgt Ion:165 Resp: 369565
 Ion Ratio Lower Upper
 165 100
 63 66.7 57.3 85.9
 89 59.3 47.8 71.8



#52
 Acenaphthene
 Concen: 36.92 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:154 Resp: 1514058
 Ion Ratio Lower Upper
 154 100
 153 110.5 89.0 133.6
 152 53.5 43.1 64.7

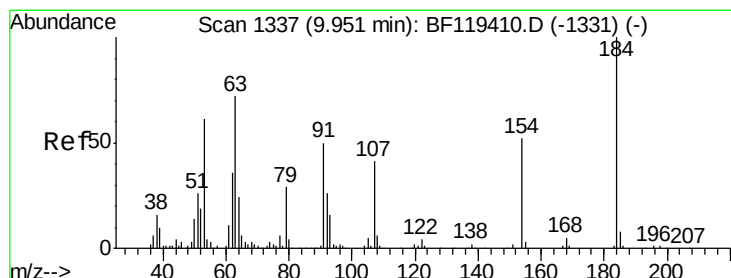
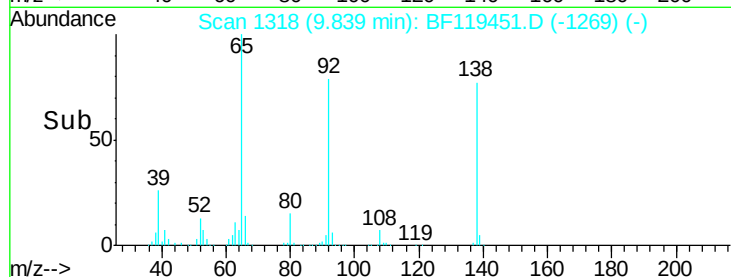
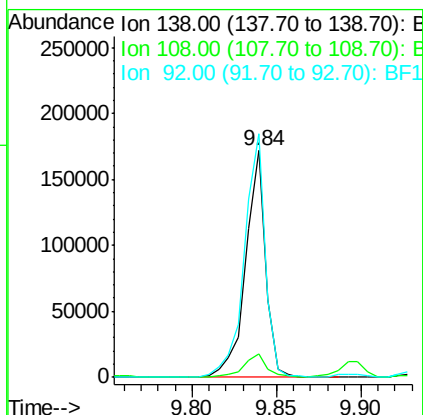
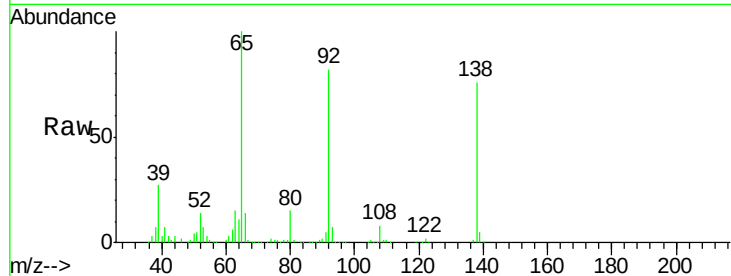




#53
3-Nitroaniline
Concen: 11.34 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

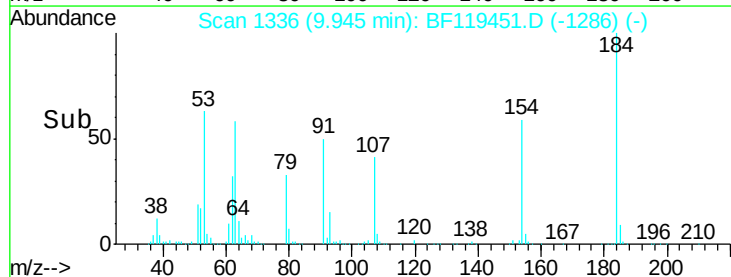
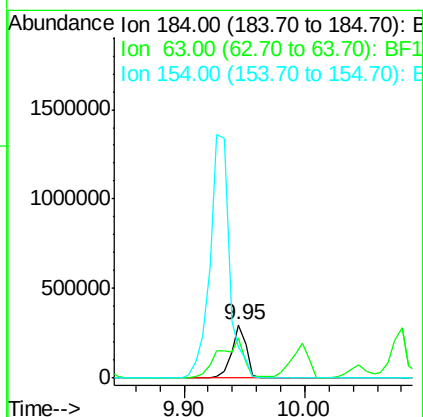
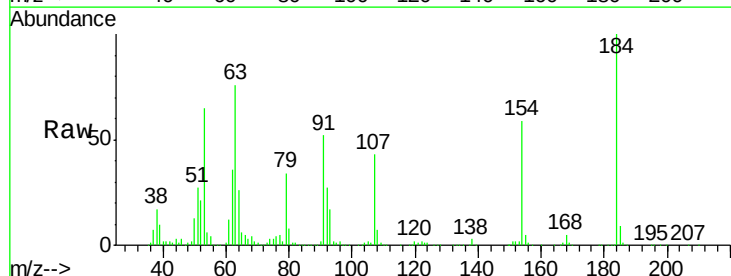
Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

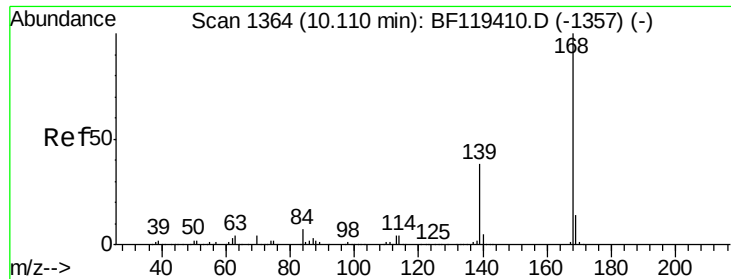
Tgt Ion:138 Resp: 143136
Ion Ratio Lower Upper
138 100
108 10.2 9.0 13.6
92 107.4 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 60.15 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:184 Resp: 251564
Ion Ratio Lower Upper
184 100
63 75.6 58.5 87.7
154 59.1 51.8 77.6

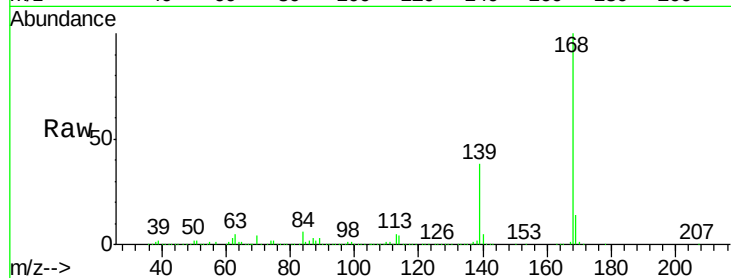




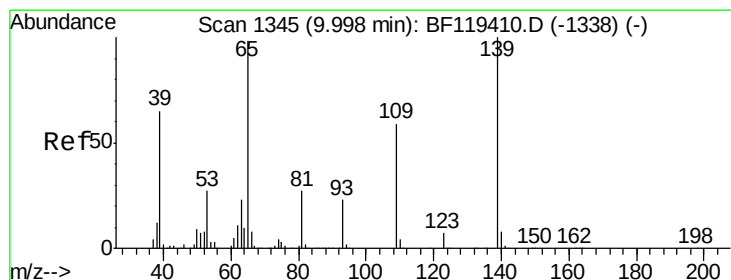
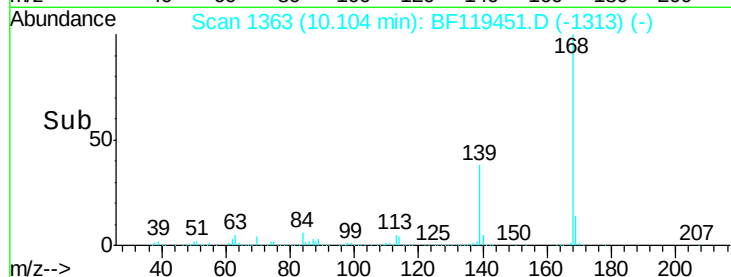
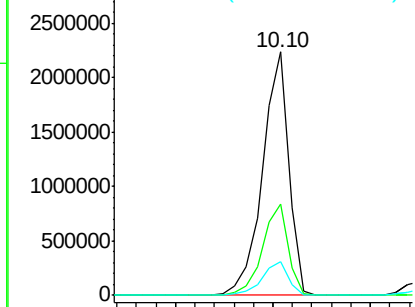
#55
Dibenzofuran
Concen: 35.44 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion:168 Resp: 2083490
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 13.9 11.1 16.7

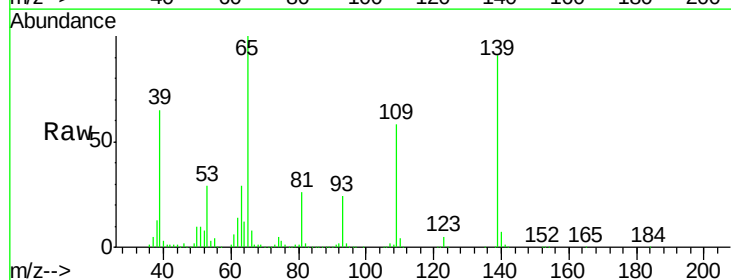


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

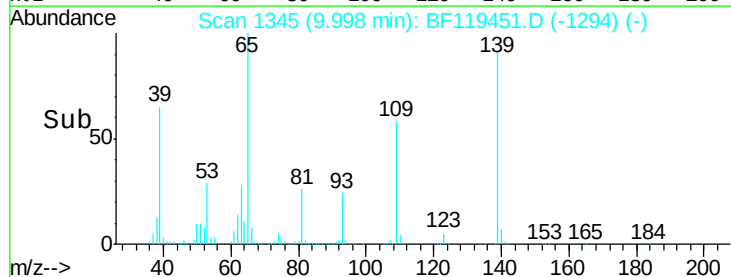
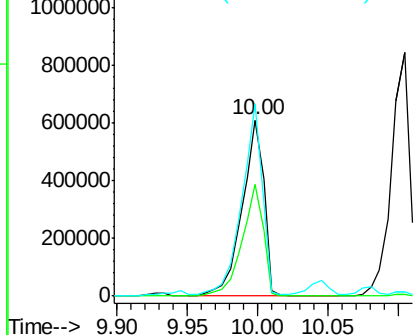


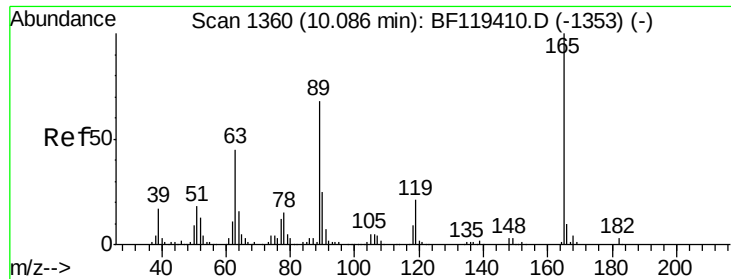
#56
4-Nitrophenol
Concen: 65.63 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:139 Resp: 653304
Ion Ratio Lower Upper
139 100
109 63.4 39.6 79.6
65 109.5 78.3 118.3



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

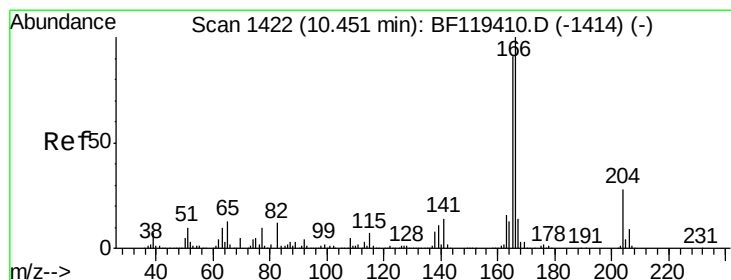
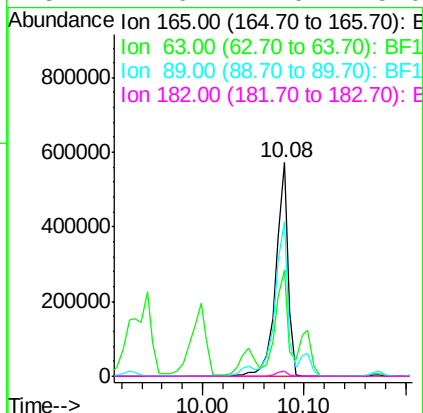
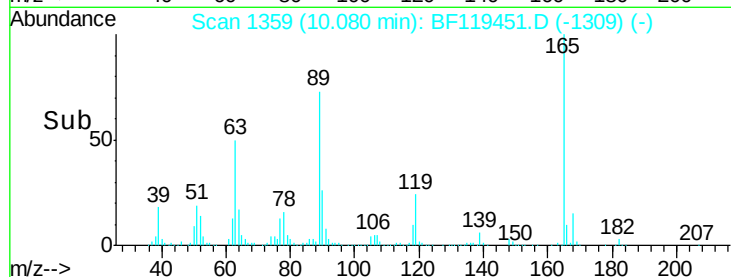
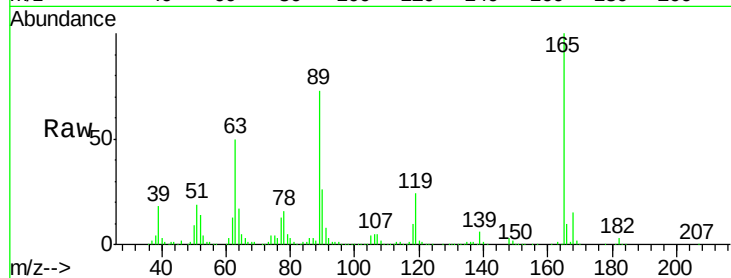




#57
2,4-Dinitrotoluene
Concen: 38.91 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

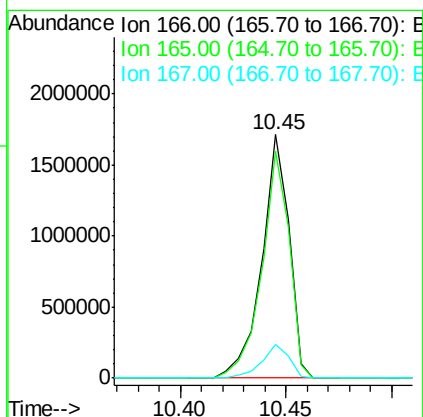
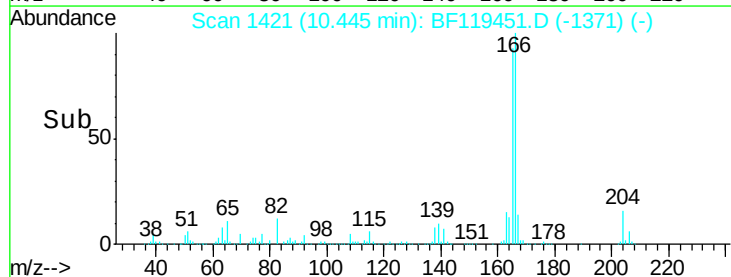
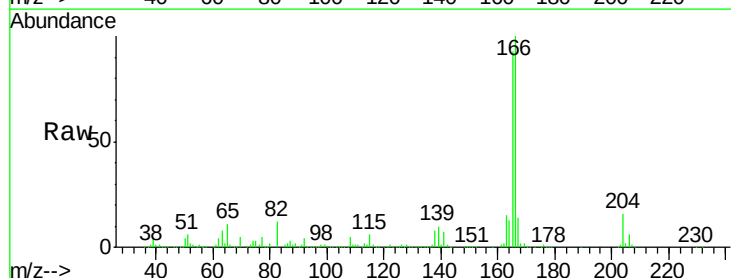
Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

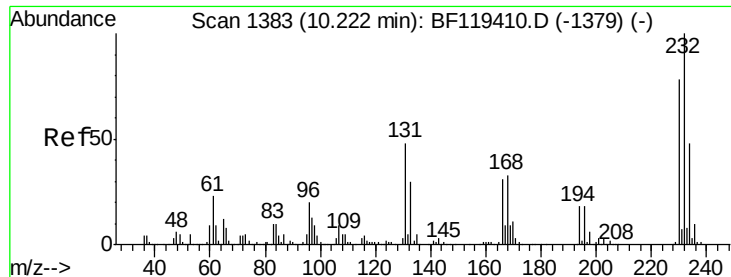
Tgt Ion:165 Resp: 489885
Ion Ratio Lower Upper
165 100
63 49.7 36.2 54.4
89 72.6 54.3 81.5
182 2.6 2.0 3.0



#58
Fluorene
Concen: 35.55 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:166 Resp: 1545570
Ion Ratio Lower Upper
166 100
165 93.1 73.1 109.7
167 14.0 11.0 16.6

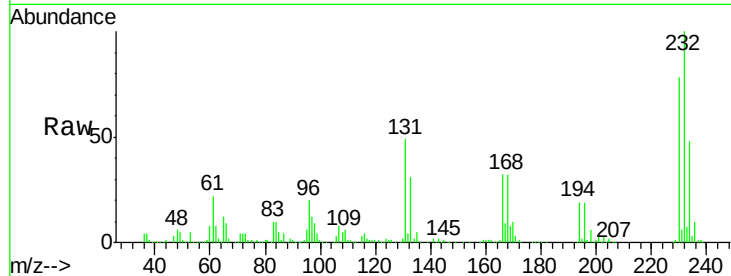




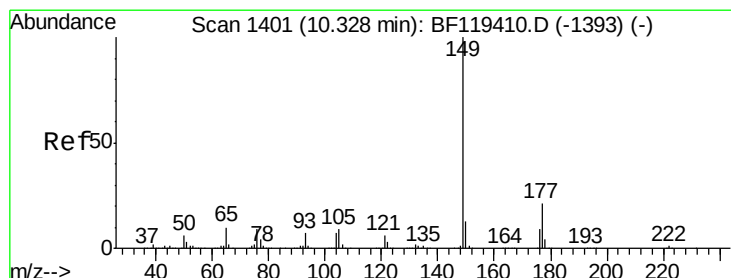
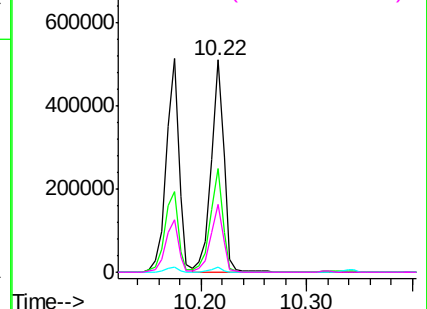
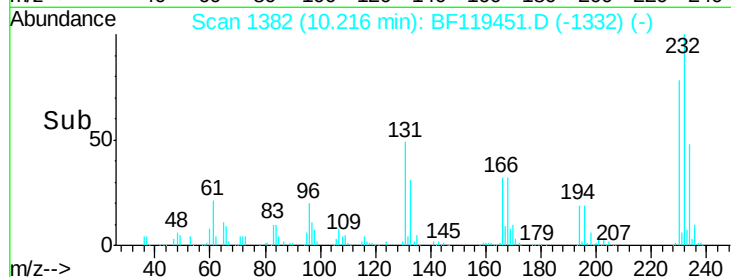
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.16 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tgt Ion:	232	Resp:	428530
Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.3	54.5
130	2.2	1.8	2.6
166	30.7	24.9	37.3

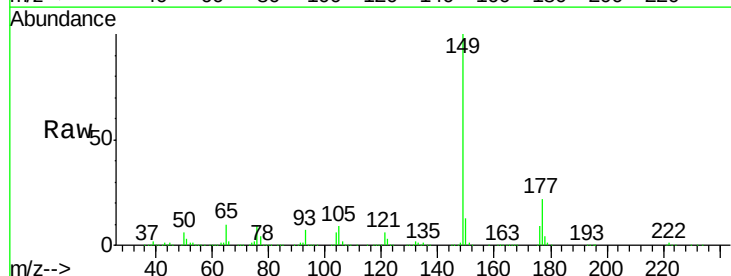


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

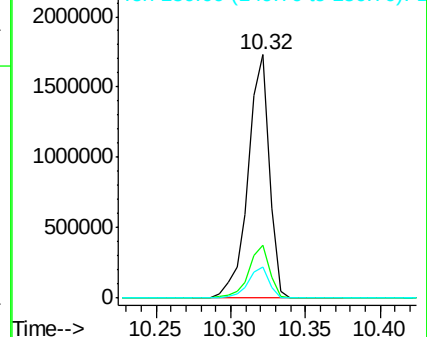
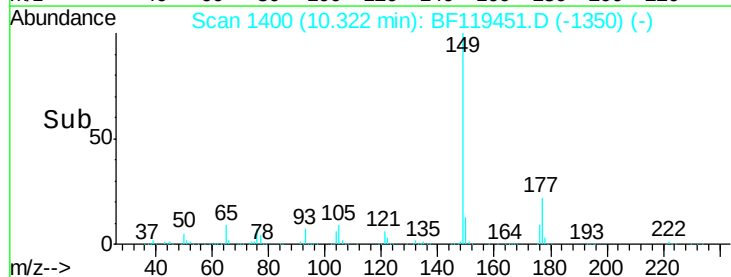


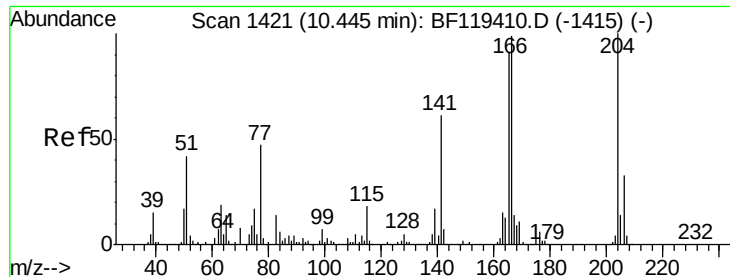
#60
 Diethylphthalate
 Concen: 36.02 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:	149	Resp:	1705028
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.9	10.2	15.4



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

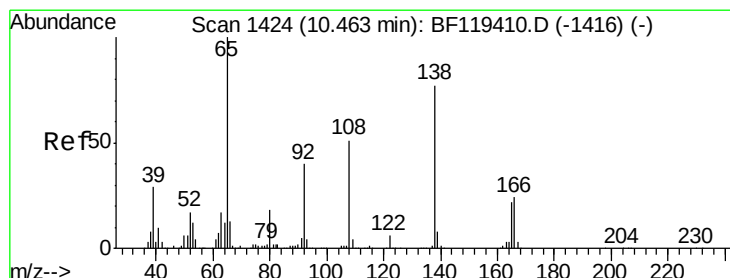
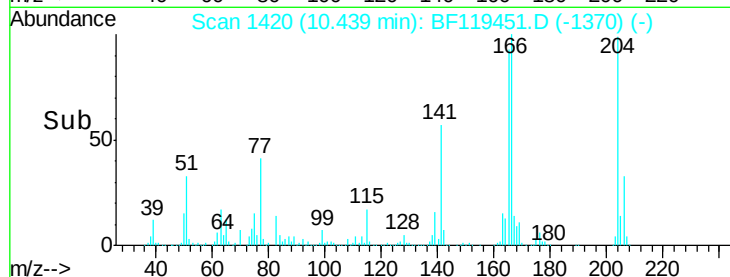
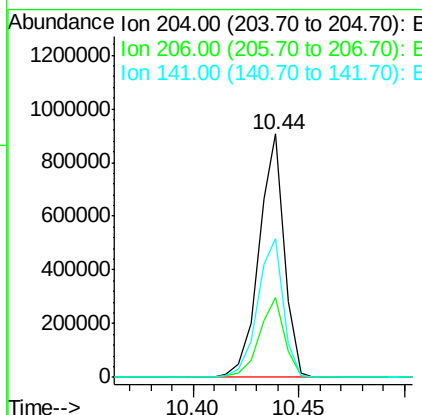
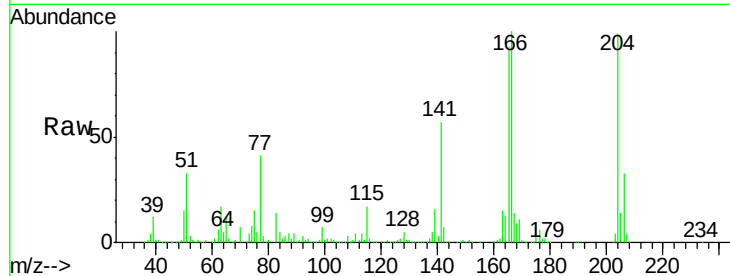




#61
 4-Chlorophenyl-phenylether
 Concen: 35.38 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

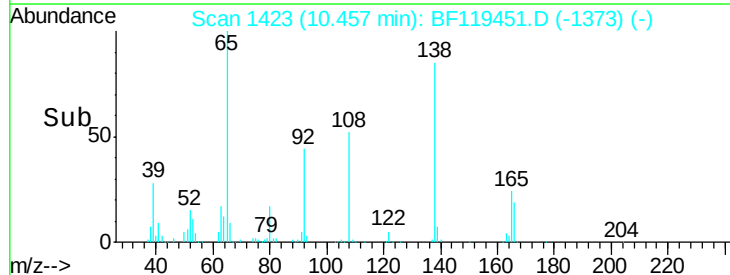
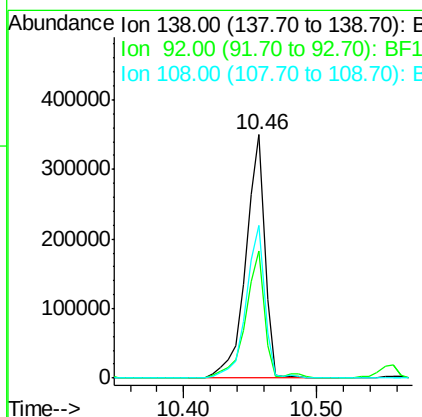
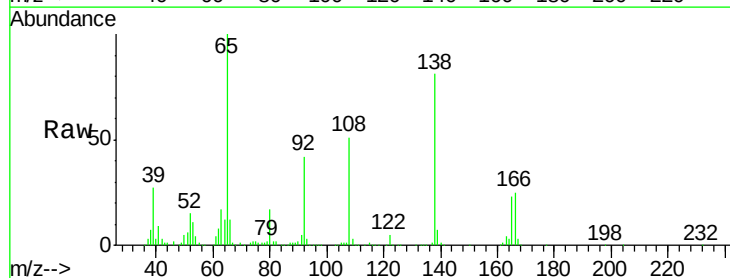
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

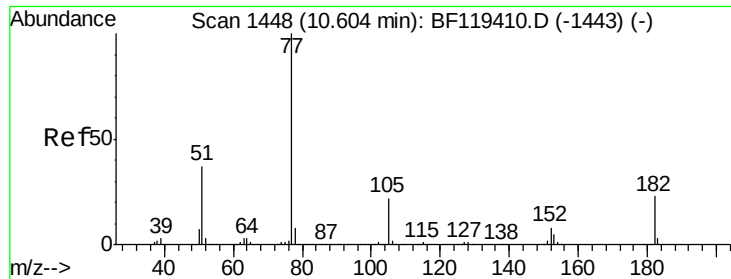
Tgt Ion:204 Resp: 752139
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 57.0 48.8 73.2



#62
 4-Nitroaniline
 Concen: 28.28 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:138 Resp: 342172
 Ion Ratio Lower Upper
 138 100
 92 52.1 32.0 72.0
 108 62.5 46.0 86.0

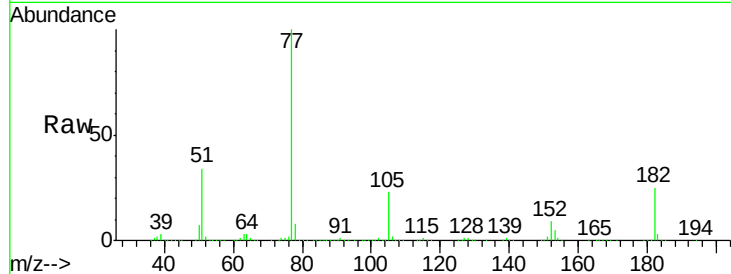




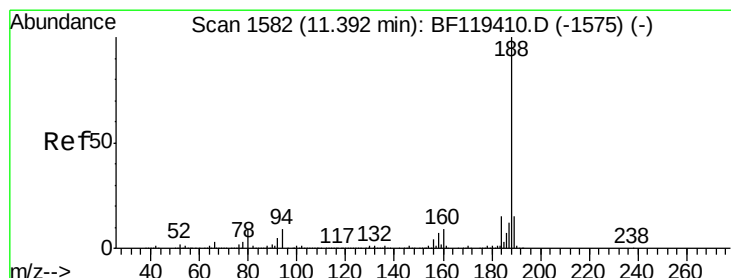
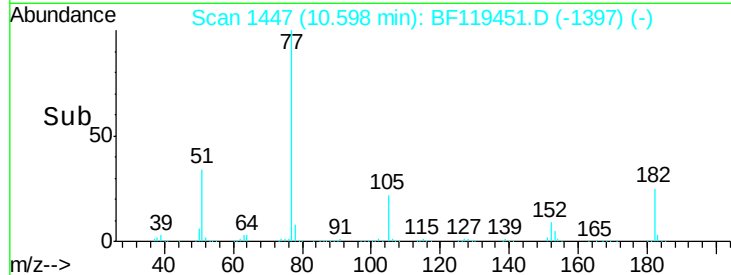
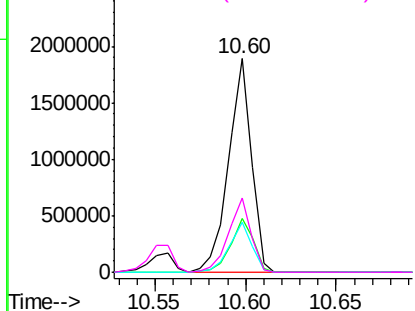
#63
Azobenzene
Concen: 34.89 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion: 77 Resp: 1663137
Ion Ratio Lower Upper
77 100
182 25.0 2.5 42.5
105 23.3 2.5 42.5
51 34.5 17.1 57.1

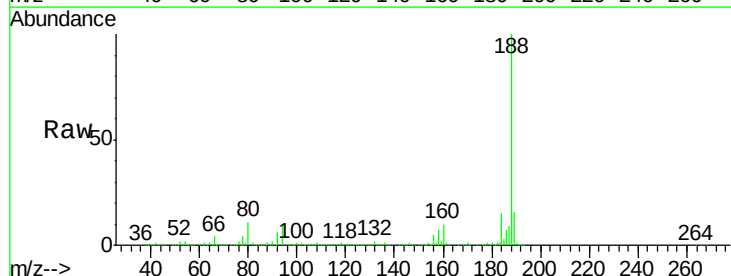


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

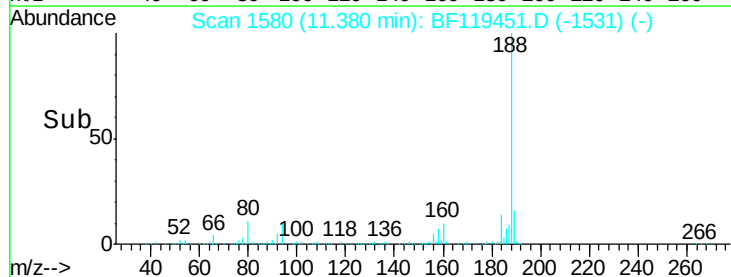
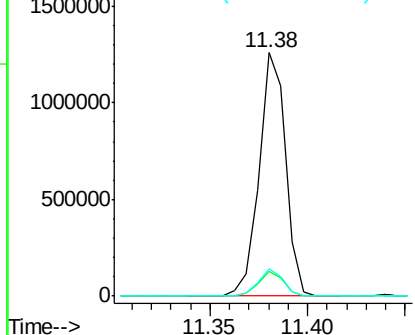


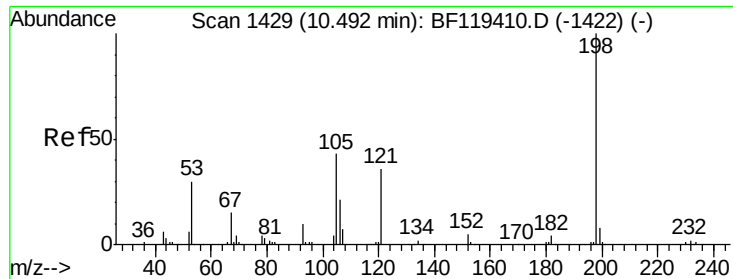
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion: 188 Resp: 1180297
Ion Ratio Lower Upper
188 100
94 10.4 7.1 10.7
80 11.2 7.5 11.3



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

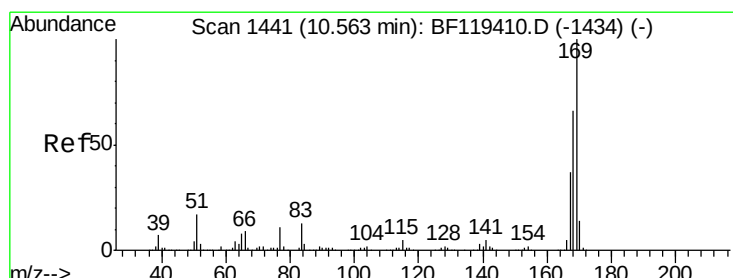
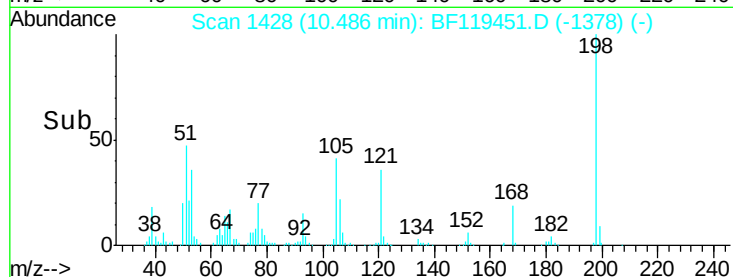
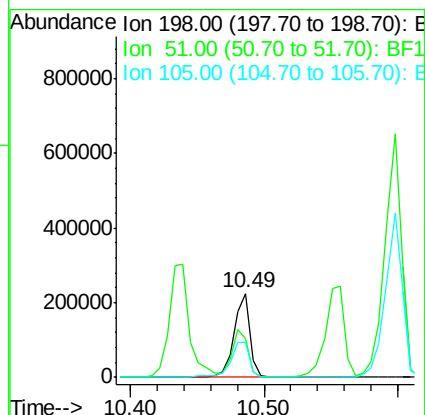
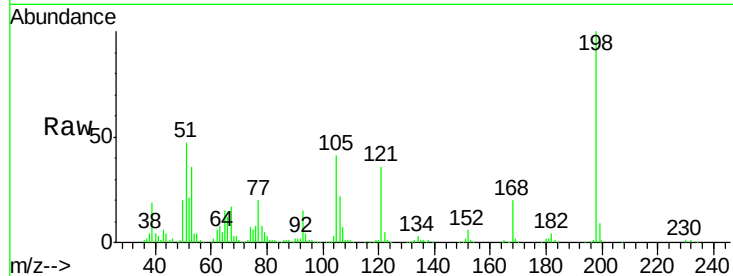




#65
4,6-Dinitro-2-methylphenol
Concen: 38.27 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

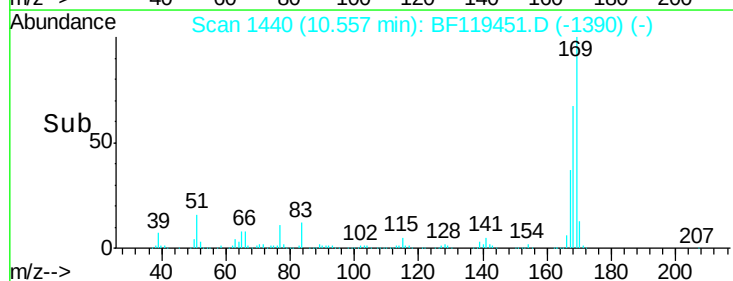
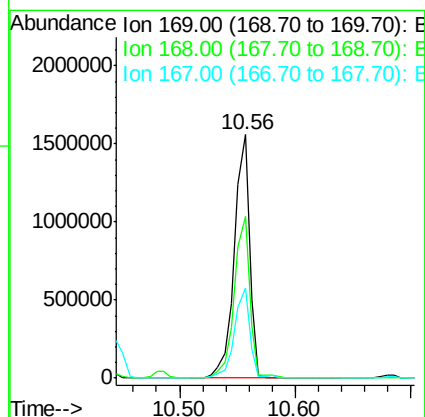
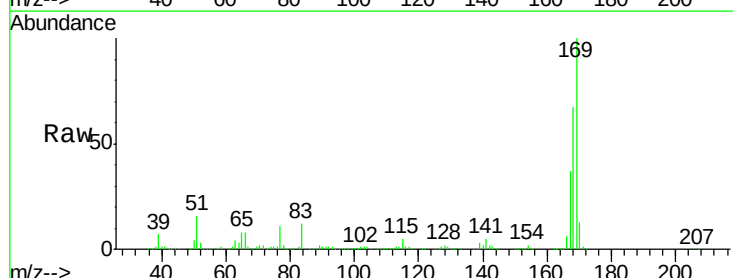
Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

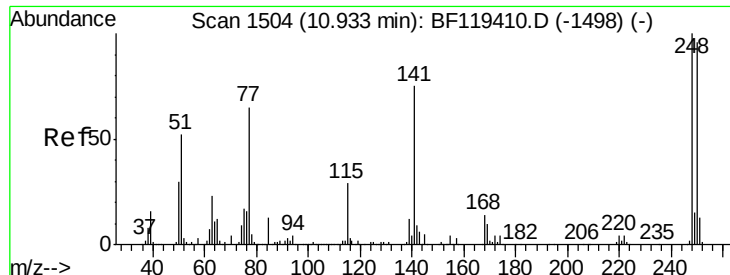
Tgt Ion:198 Resp: 189425
Ion Ratio Lower Upper
198 100
51 46.8 33.1 73.1
105 41.5 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 36.98 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:169 Resp: 1432719
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 37.0 29.3 43.9

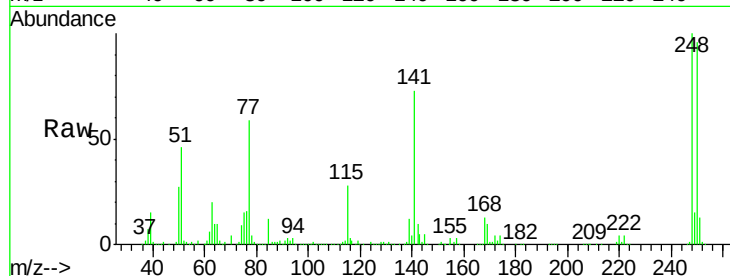




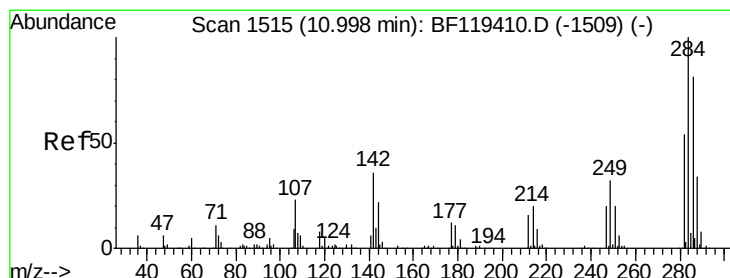
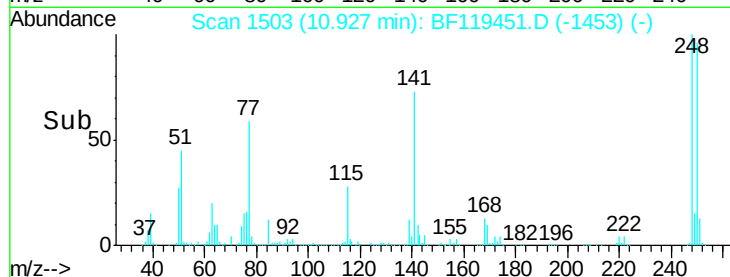
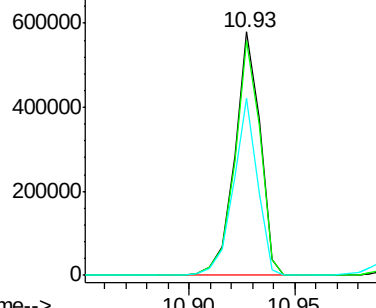
#67
 4-Bromophenyl-phenylether
 Concen: 36.00 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tgt Ion:248 Resp: 483883
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.0 115.6
 141 72.6 59.7 89.5

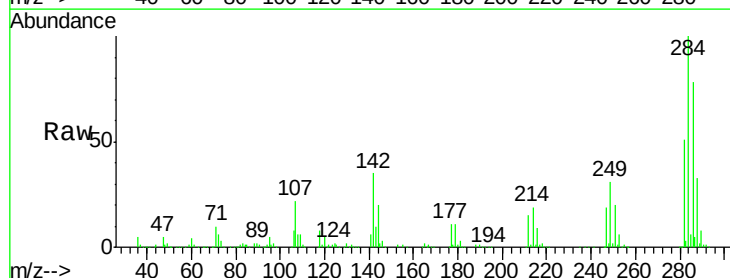


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

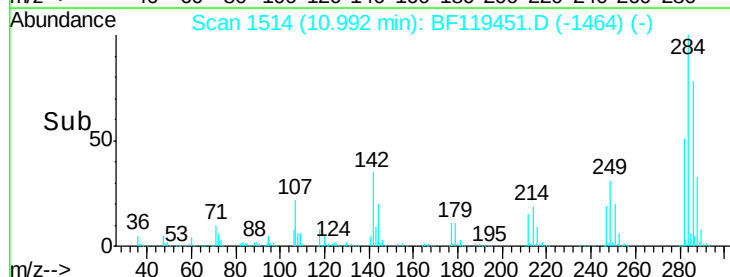
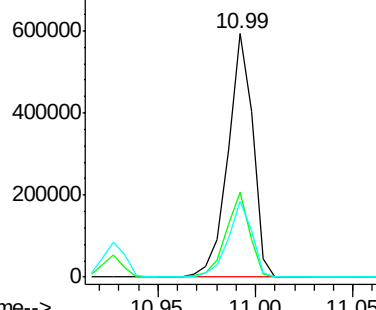


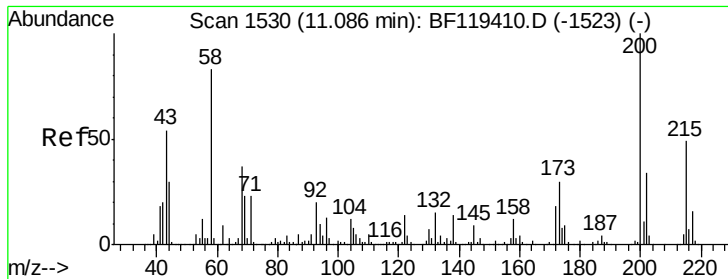
#68
 Hexachlorobenzene
 Concen: 37.88 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:284 Resp: 521197
 Ion Ratio Lower Upper
 284 100
 142 35.1 28.7 43.1
 249 31.2 25.4 38.0



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





#69

Atrazine

Concen: 39.03 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

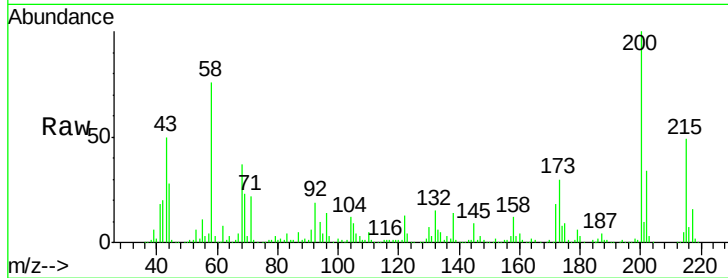
Tgt Ion:200 Resp: 414548

Ion Ratio Lower Upper

200 100

173 30.2 9.9 49.9

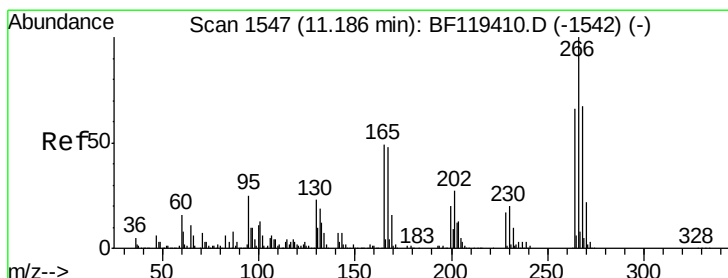
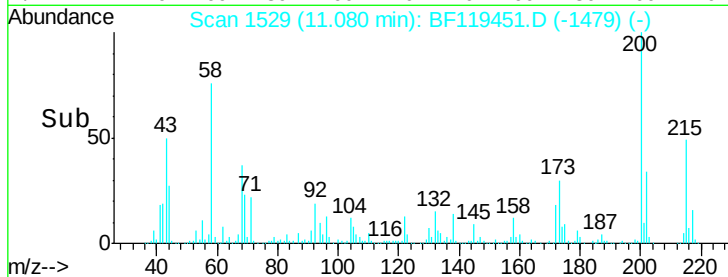
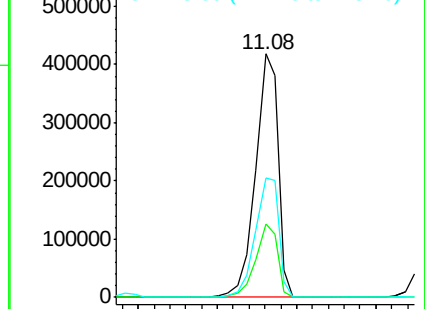
215 48.8 29.4 69.4



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: 67.84 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

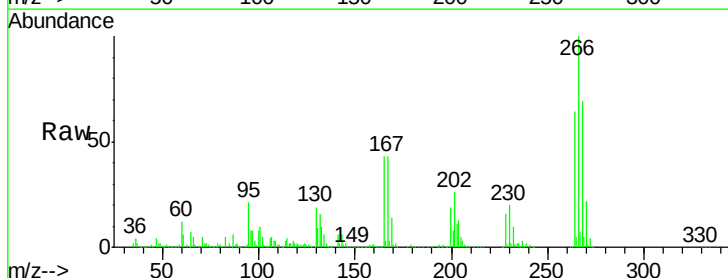
Tgt Ion:266 Resp: 547268

Ion Ratio Lower Upper

266 100

268 69.3 53.7 80.5

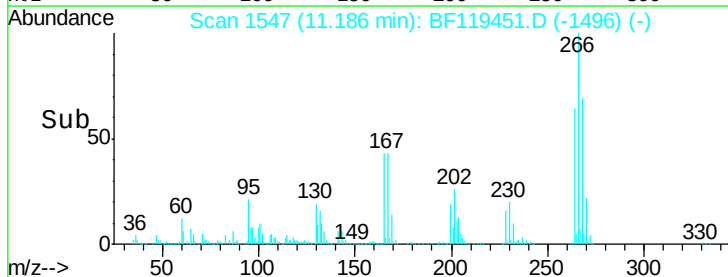
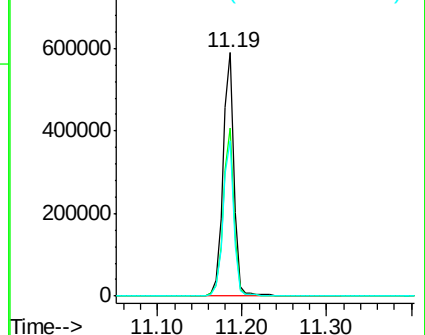
264 63.8 52.5 78.7

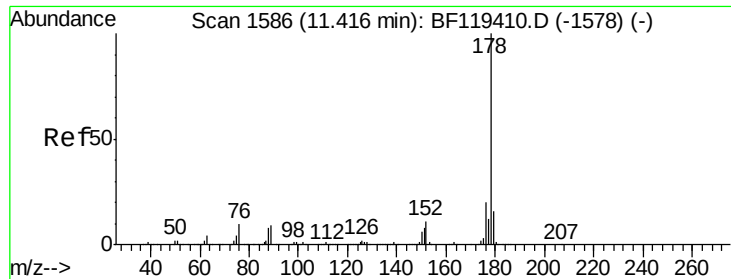


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.54 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

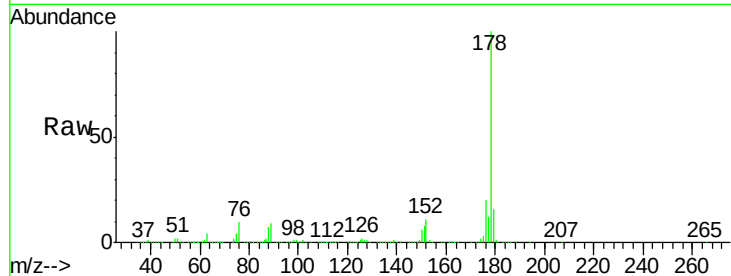
Tgt Ion:178 Resp: 2236208

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

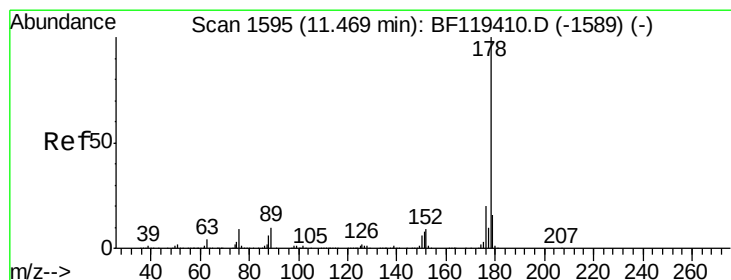
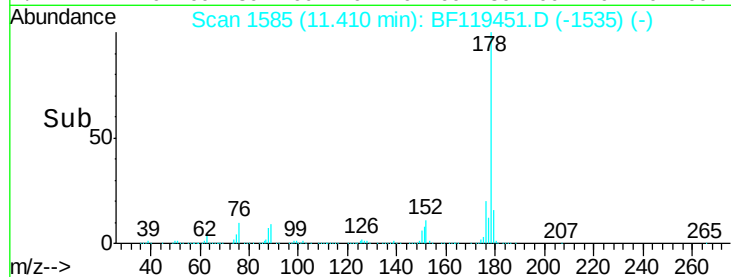
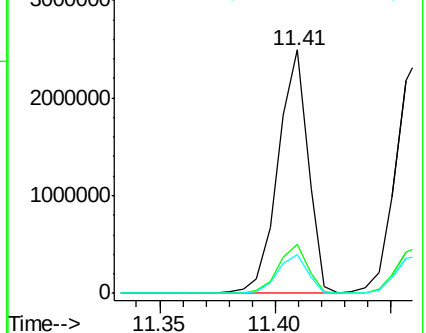
179 16.1 12.9 19.3



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: 36.82 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

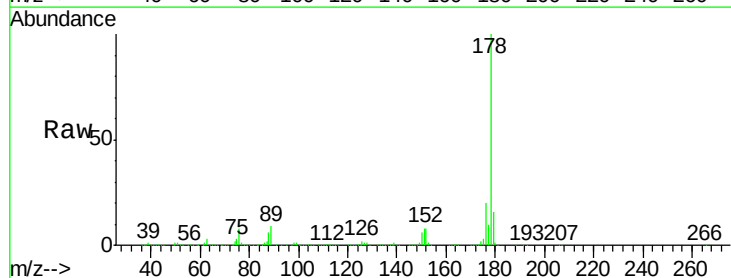
Tgt Ion:178 Resp: 2290562

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

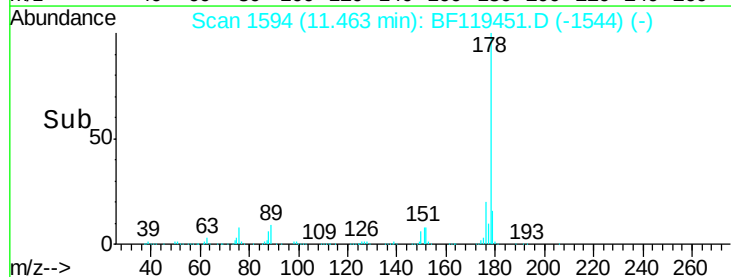
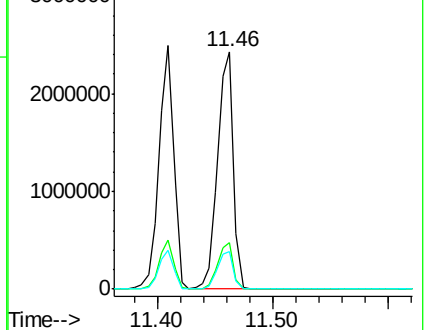
179 15.7 13.1 19.7

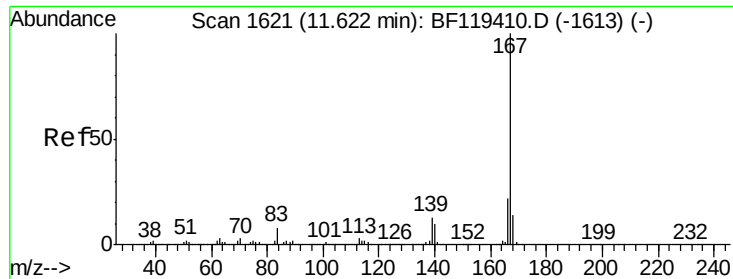


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

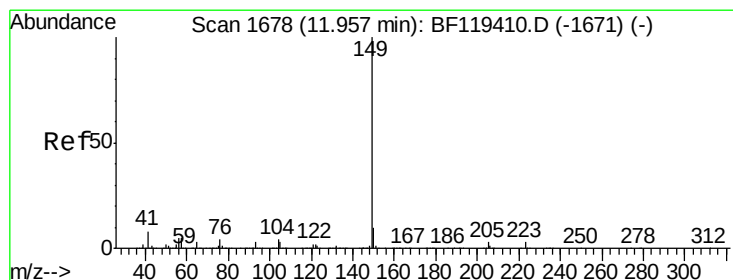
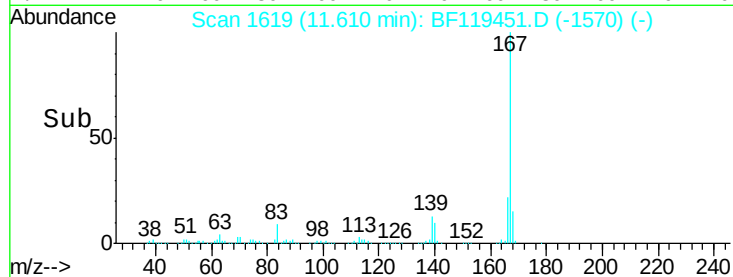
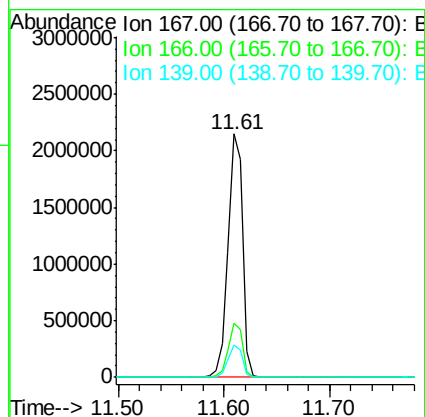
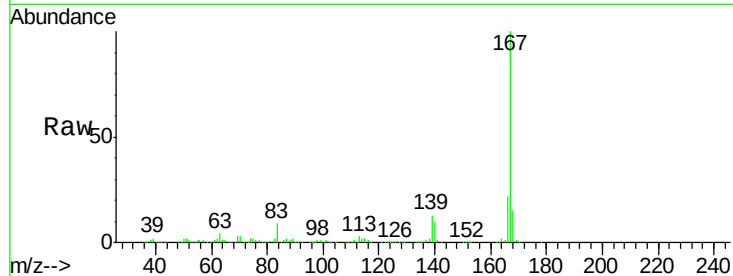




#73
 Carbazole
 Concen: 33.30 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

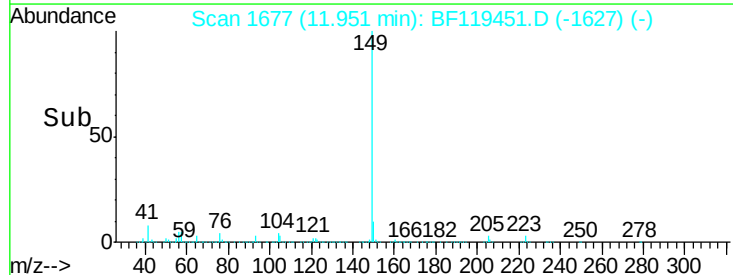
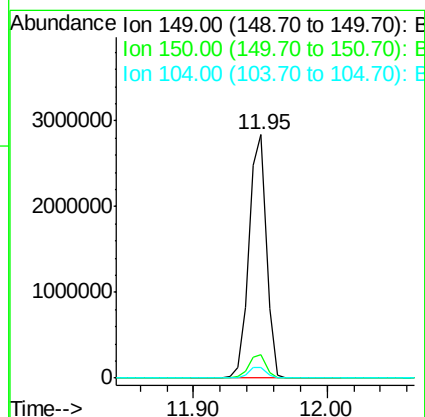
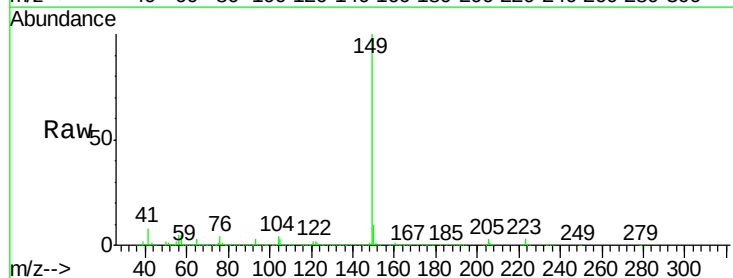
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

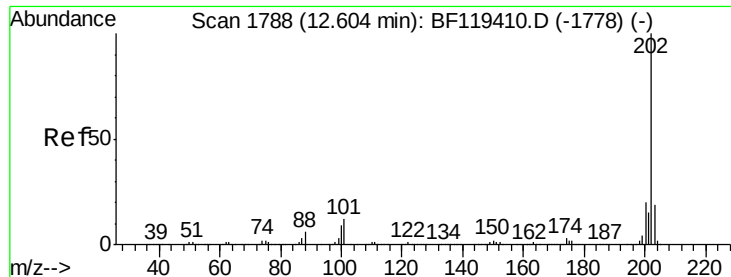
Tgt Ion:167 Resp: 2050003
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 38.40 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:149 Resp: 2528804
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.5 3.5 5.3

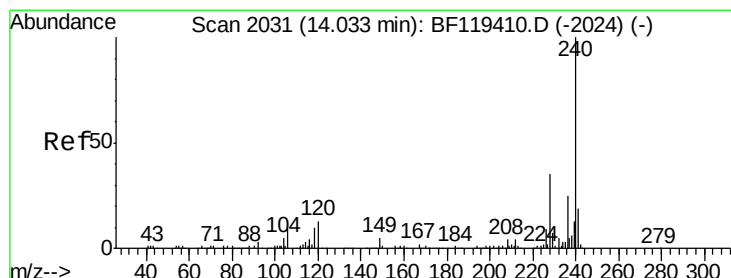
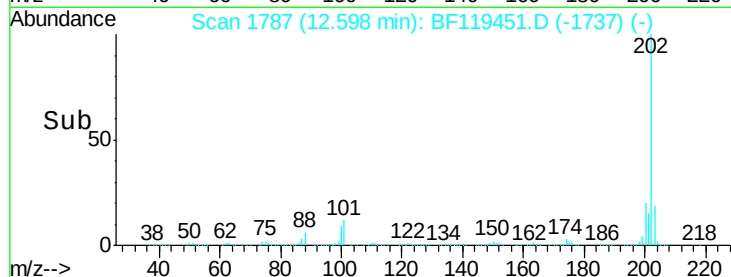
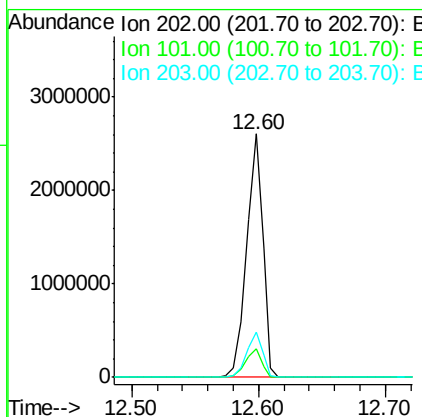
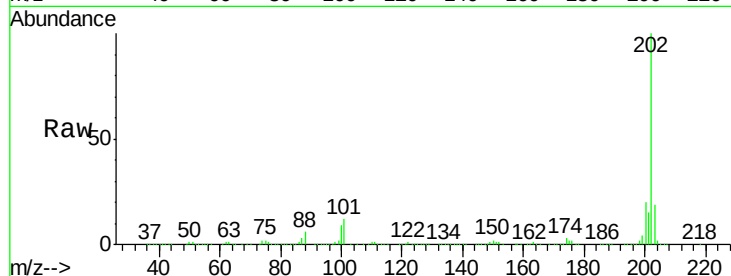




#75
 Fluoranthene
 Concen: 34.75 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

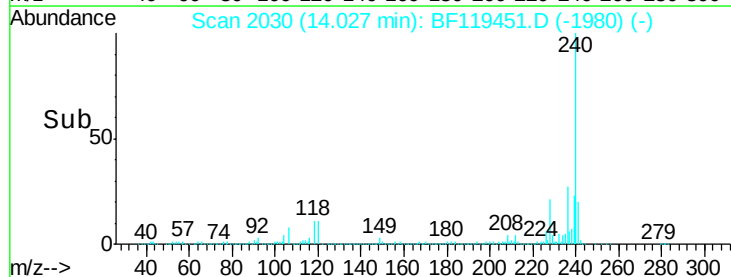
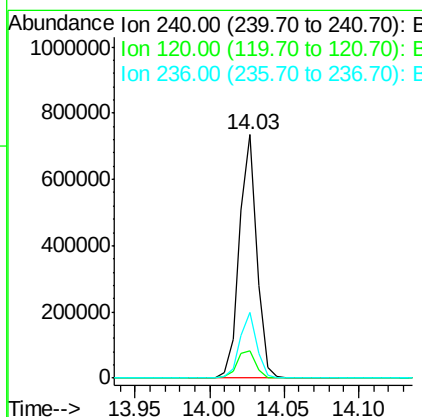
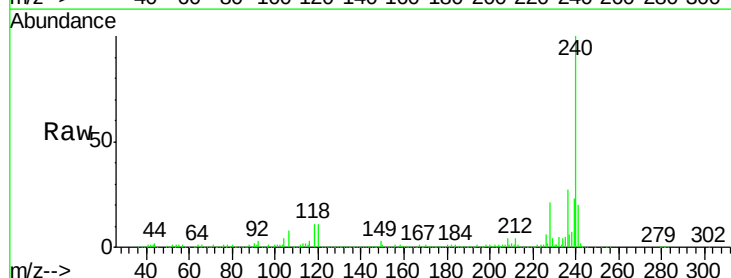
Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

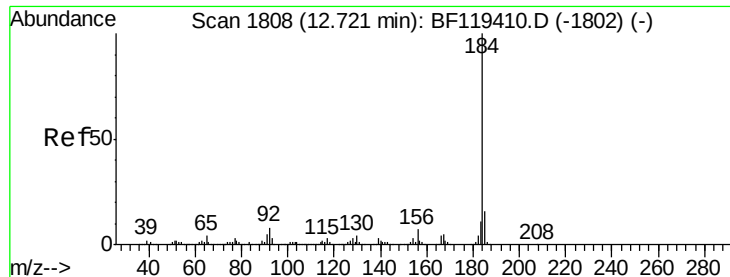
Tgt Ion: 202 Resp: 2301447
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 32.4
 203 18.7 0.0 38.5



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion: 240 Resp: 601642
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.2 15.4
 236 26.8 20.4 30.6





#77

Benzidine

Concen: 29.25 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

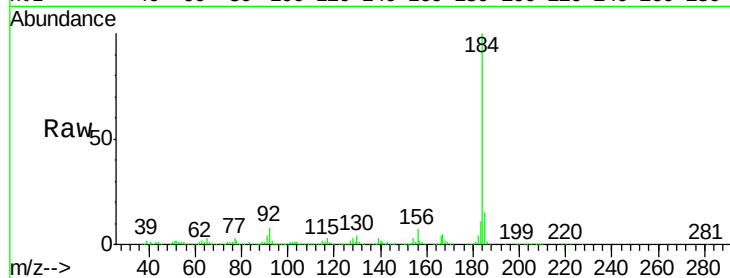
Tgt Ion:184 Resp: 744739

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

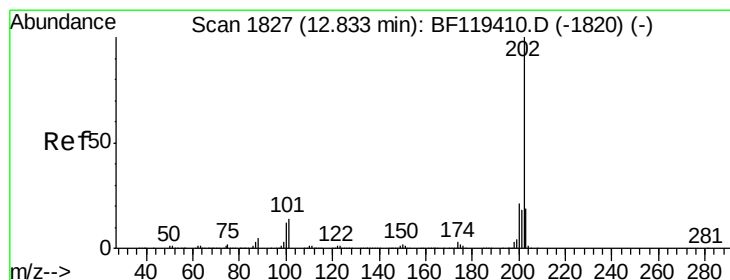
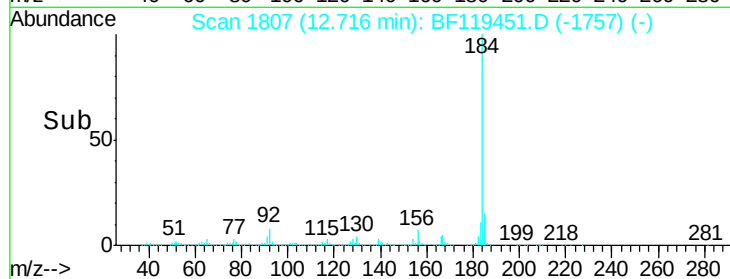
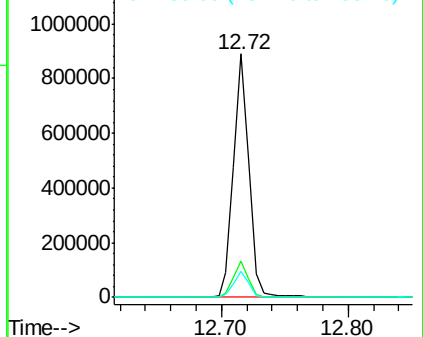
183 10.6 9.0 13.4



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: 45.35 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

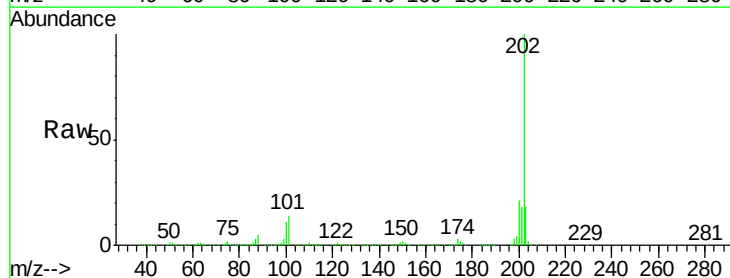
Tgt Ion:202 Resp: 2239328

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

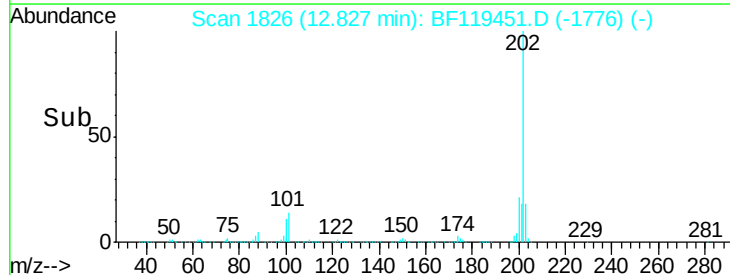
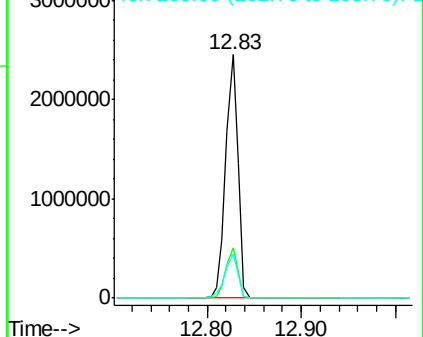
203 18.3 14.8 22.2

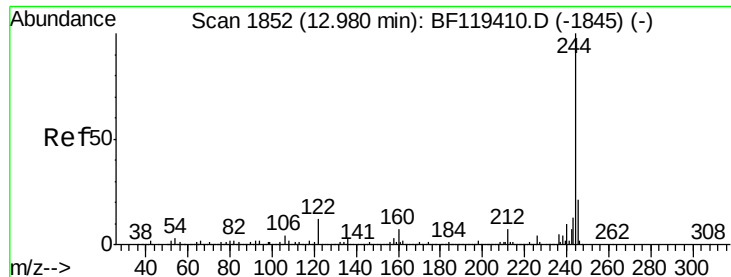


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.55 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

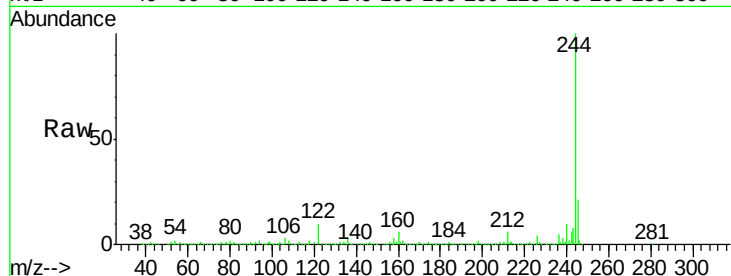
Tgt Ion:244 Resp: 2442725

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

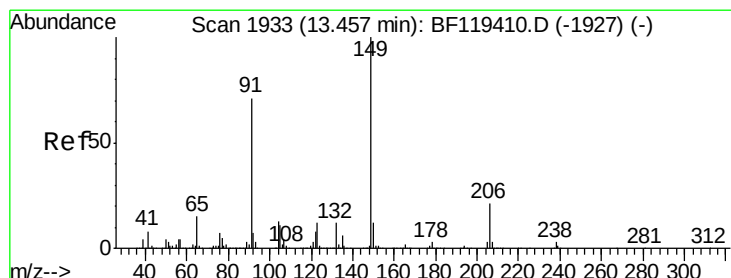
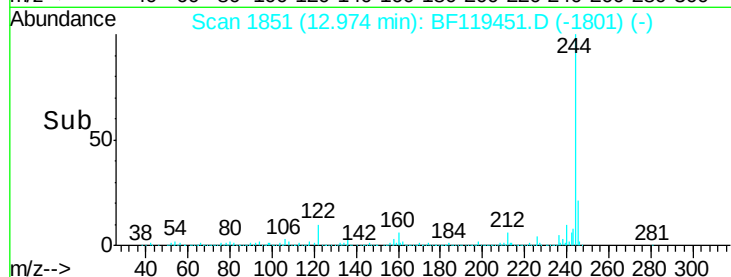
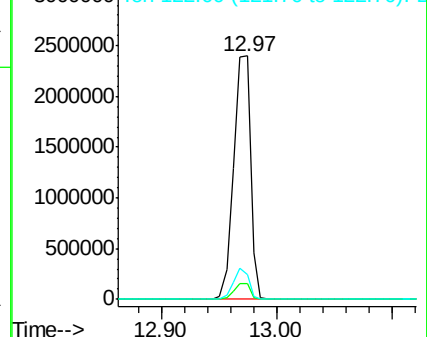
122 10.1 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.68 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

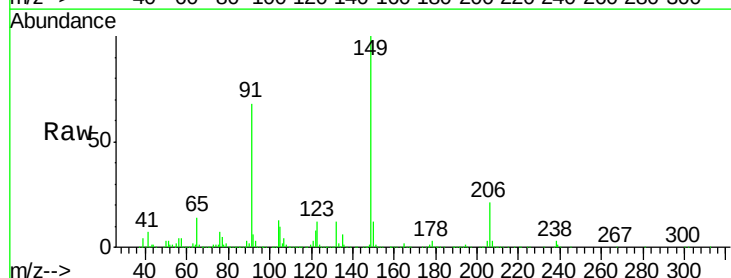
Tgt Ion:149 Resp: 892356

Ion Ratio Lower Upper

149 100

91 67.6 57.0 85.6

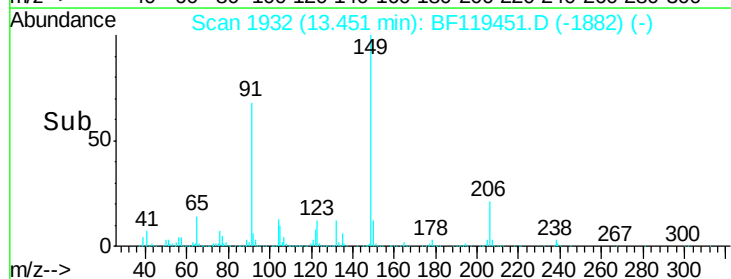
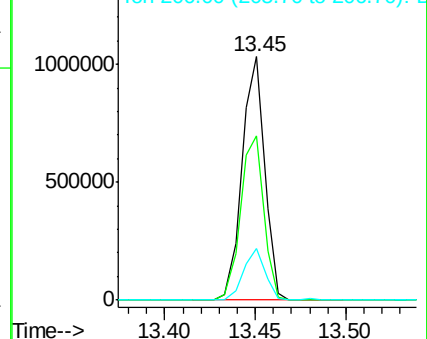
206 21.0 16.4 24.6

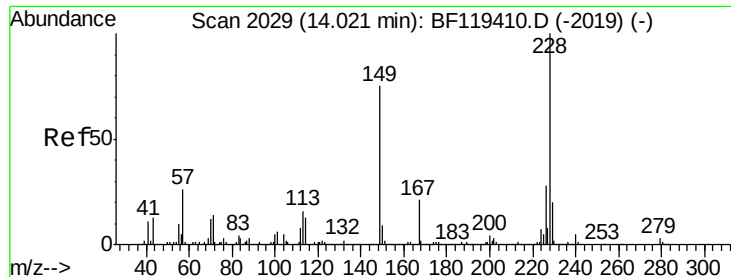


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.51 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

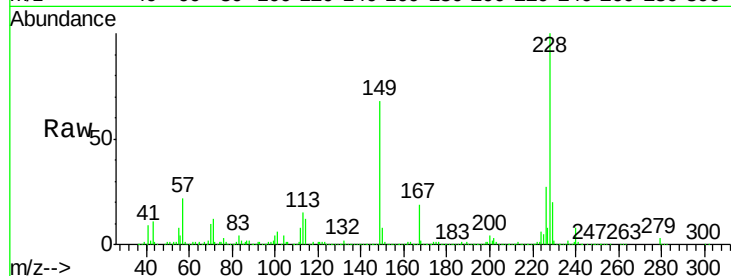
Tgt Ion:228 Resp: 1545872

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

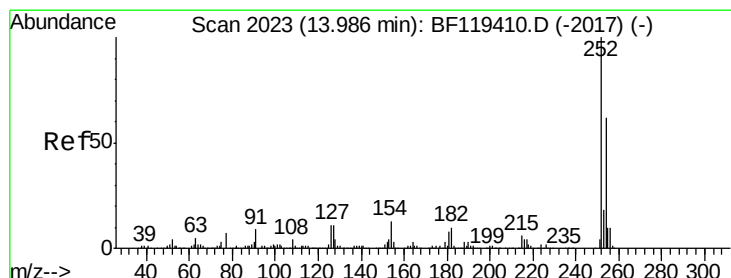
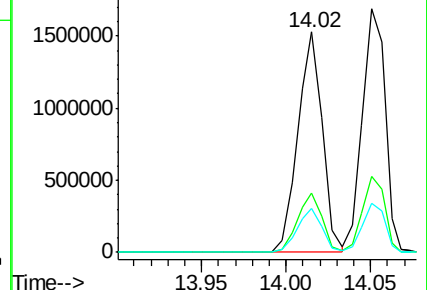
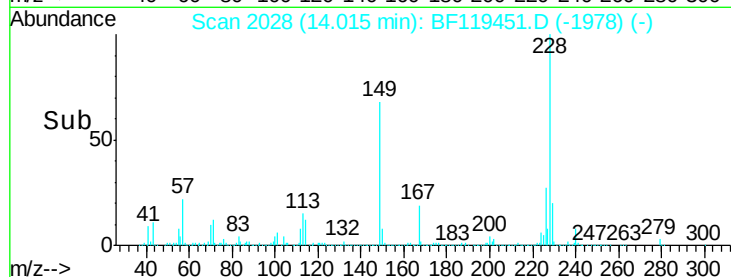
229 20.2 16.3 24.5



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: 22.40 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

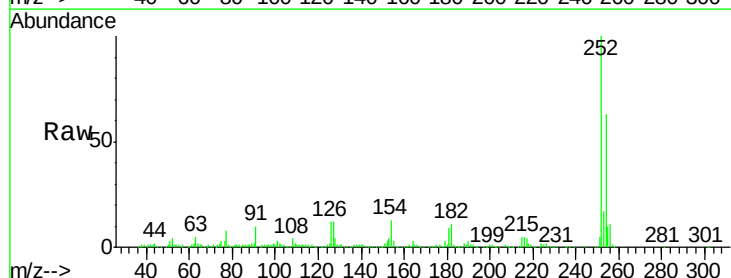
Tgt Ion:252 Resp: 345472

Ion Ratio Lower Upper

252 100

254 62.9 49.8 74.8

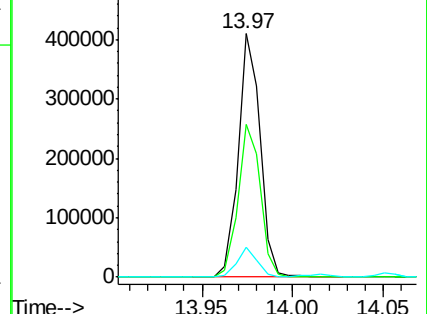
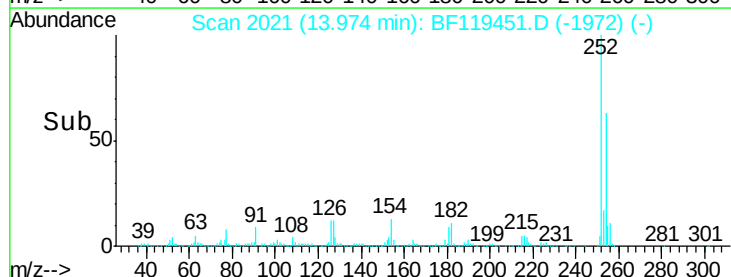
126 12.2 8.9 13.3

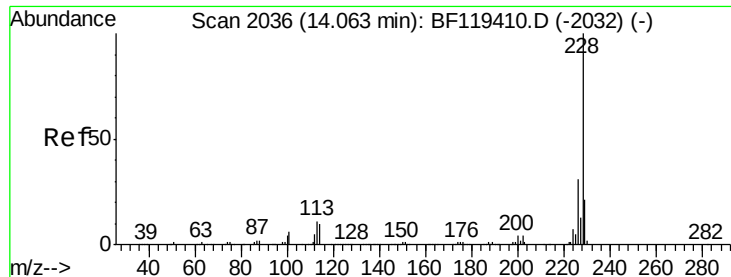


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.09 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

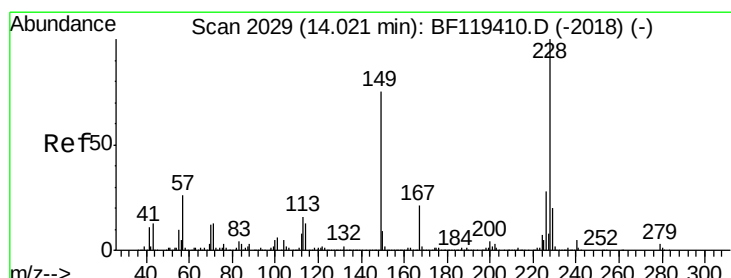
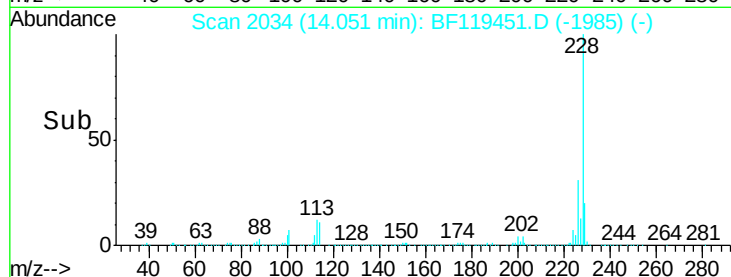
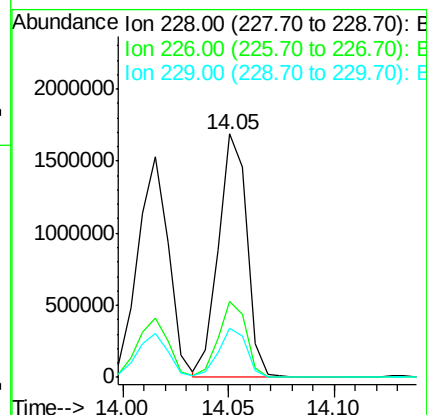
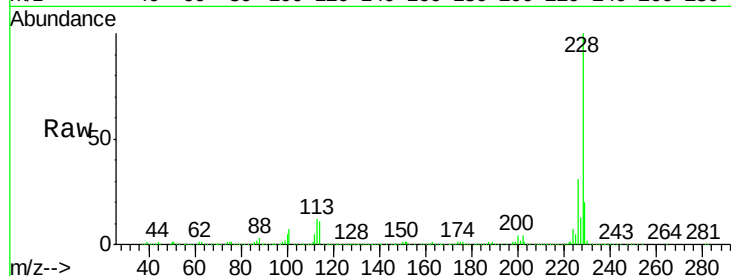
Tgt Ion:228 Resp: 1578362

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 20.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.12 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

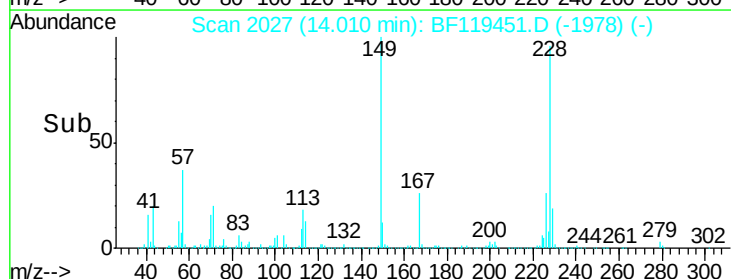
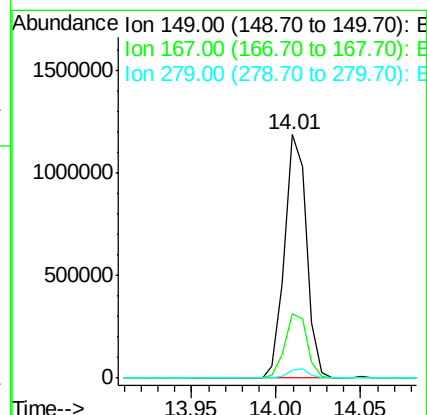
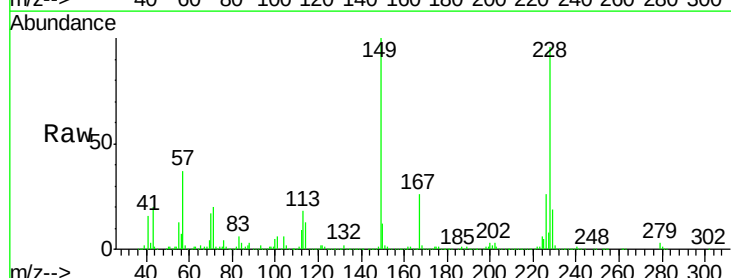
Tgt Ion:149 Resp: 1074122

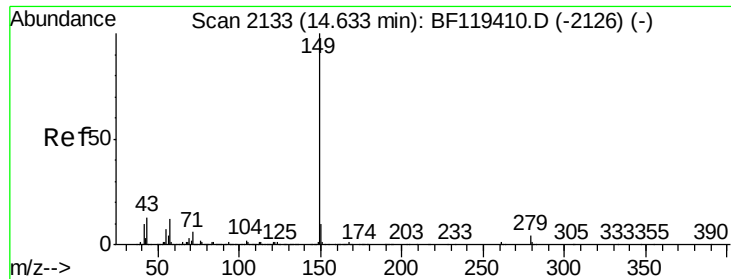
Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

279 3.3 3.2 4.8

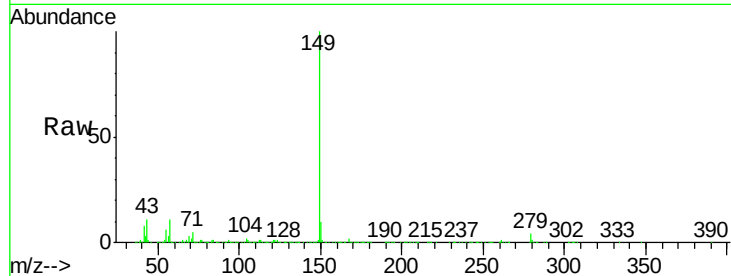




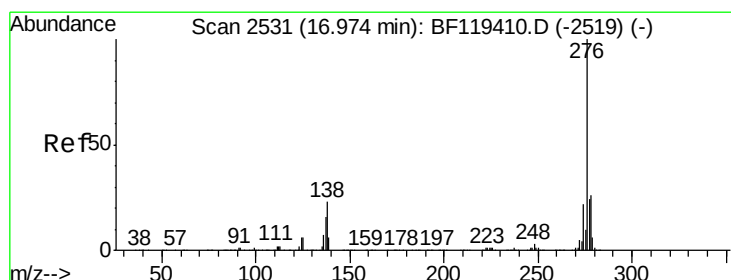
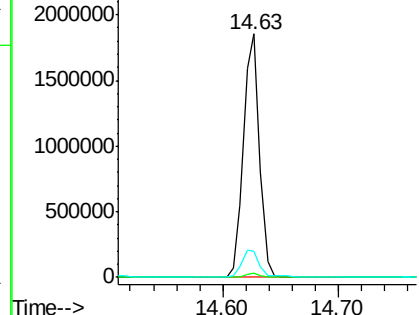
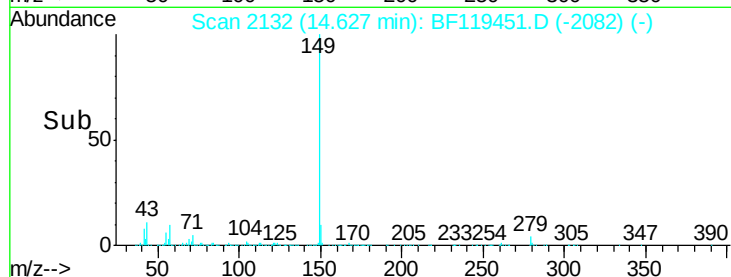
#85
 Di-n-octyl phthalate
 Concen: 42.45 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-11AMSD

Tgt Ion:149 Resp: 1777314
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 12.2 10.1 15.1

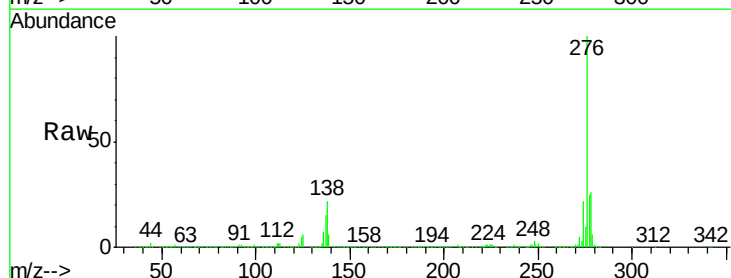


Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

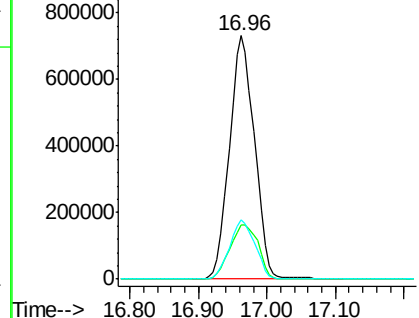
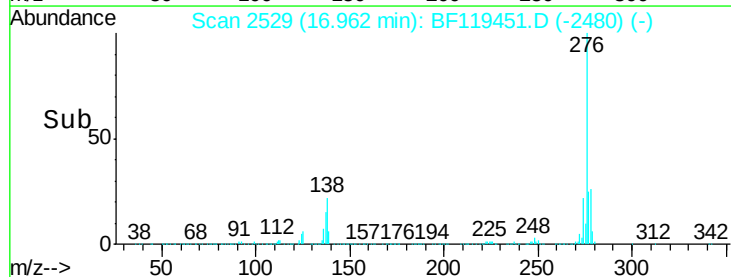


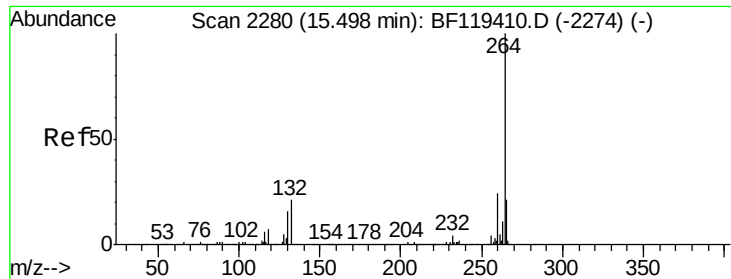
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.84 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF119451.D
 Acq: 19 Mar 2020 21:24

Tgt Ion:276 Resp: 1857216
 Ion Ratio Lower Upper
 276 100
 138 25.0 21.3 31.9
 277 24.9 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
 1000000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

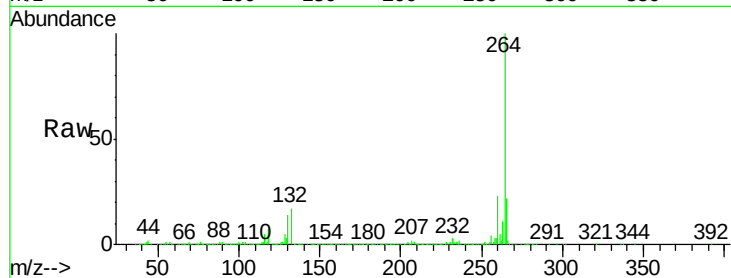




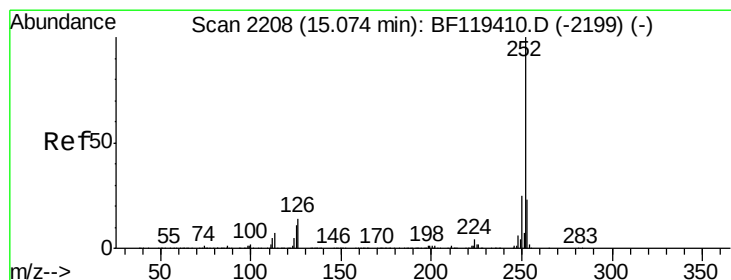
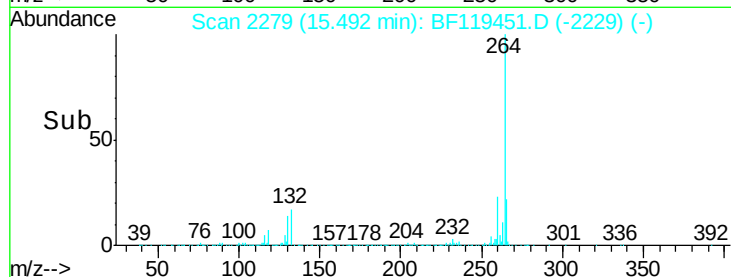
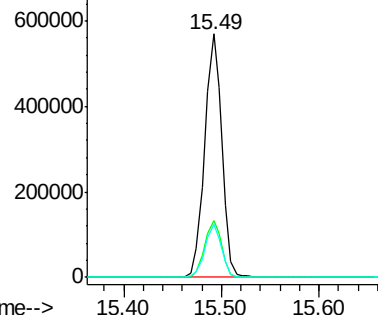
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

Tgt Ion:264 Resp: 695294
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.7 16.9 25.3

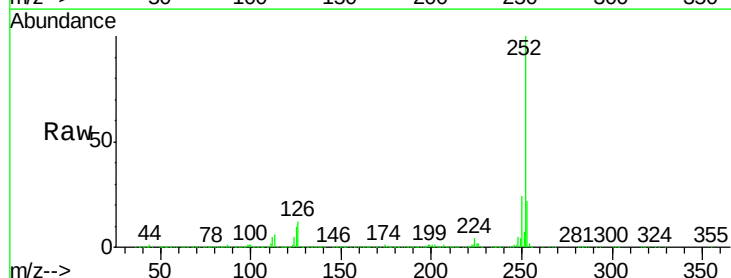


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

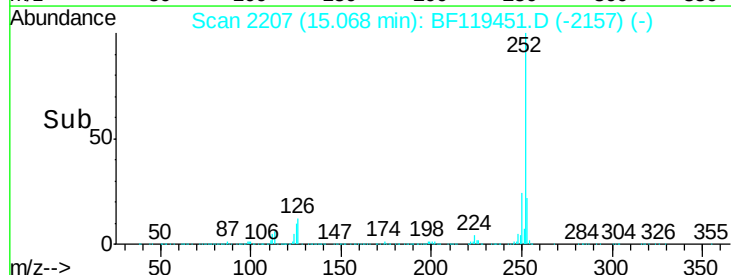
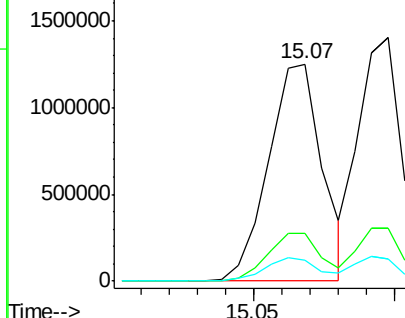


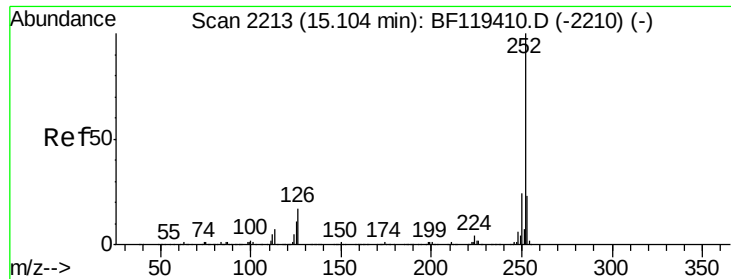
#88
Benzo(b)fluoranthene
Concen: 35.59 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:252 Resp: 1653169
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.7 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

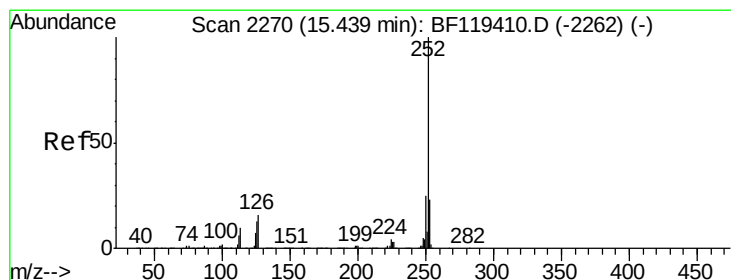
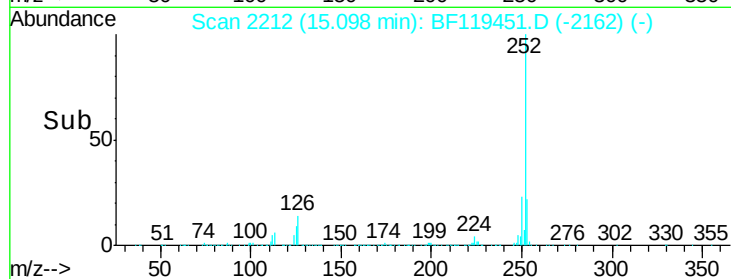
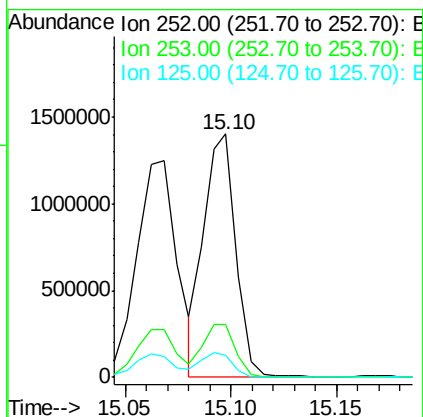
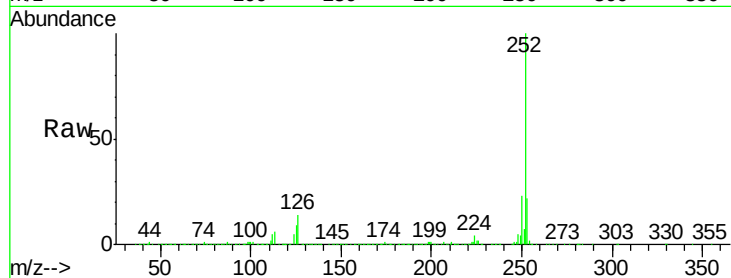




#89
Benzo(k)fluoranthene
Concen: 33.11 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

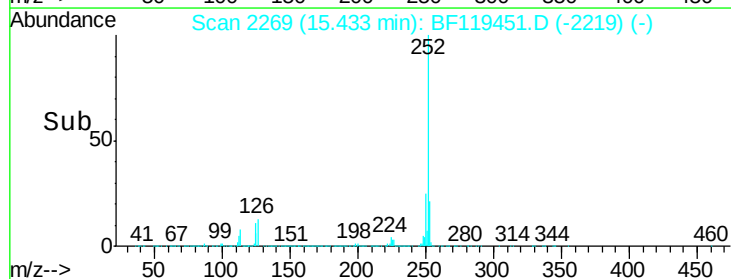
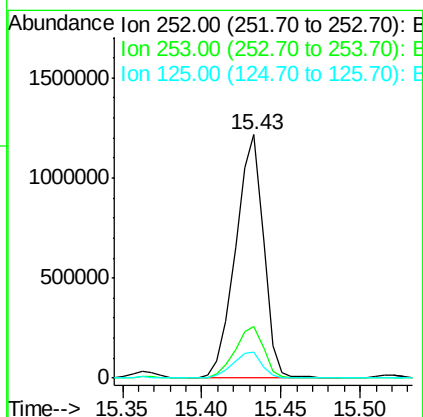
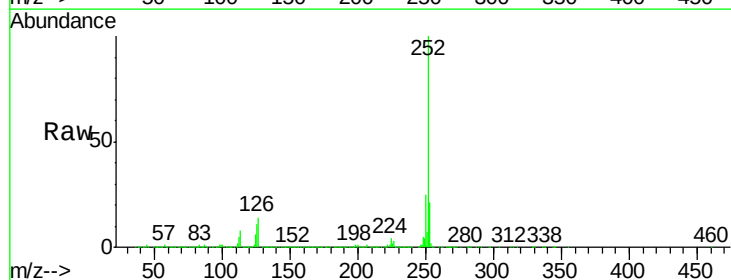
Instrument :
BNA_F
ClientSampleId :
TP-11AMSD

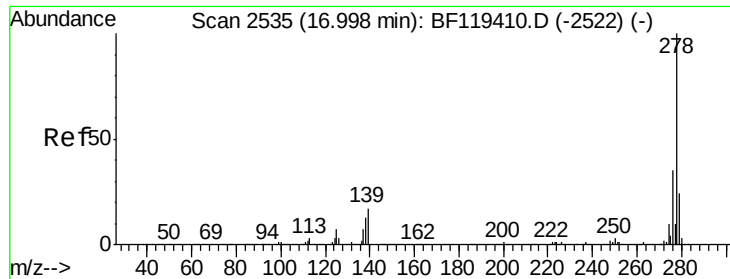
Tgt Ion:252 Resp: 1464362
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.3 9.0 13.4



#90
Benzo(a)pyrene
Concen: 35.08 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119451.D
Acq: 19 Mar 2020 21:24

Tgt Ion:252 Resp: 1480780
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 10.6 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 40.81 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

TP-11AMSD

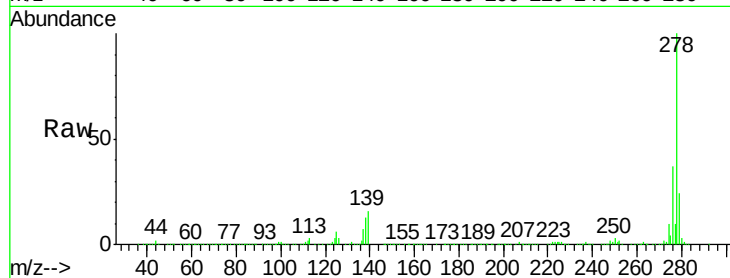
Tgt Ion:278 Resp: 1506641

Ion Ratio Lower Upper

278 100

139 15.6 13.7 20.5

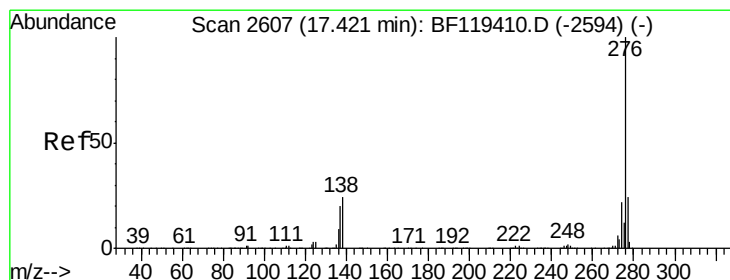
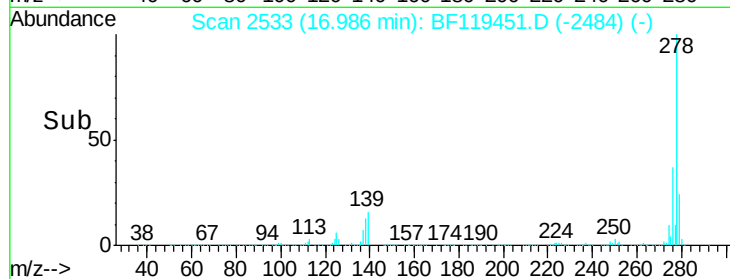
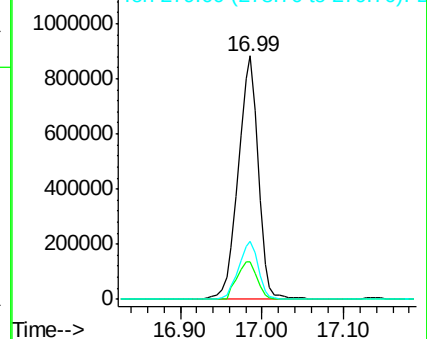
279 23.7 19.2 28.8



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: 42.92 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119451.D

Acq: 19 Mar 2020 21:24

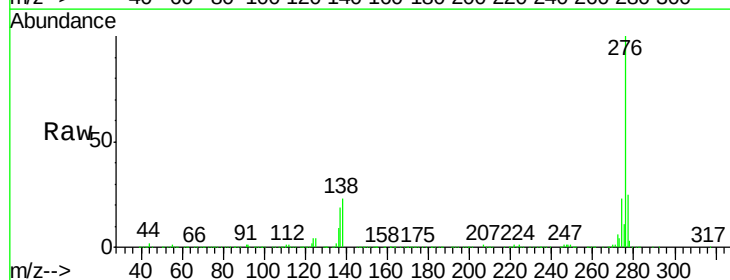
Tgt Ion:276 Resp: 1591956

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 23.4 19.1 28.7



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

