

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119745.D
 Acq On : 4 Apr 2020 5:20
 Operator : MA/SJ
 Sample : L2129-26MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Apr 04 06:19:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184205	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	690008	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	336349	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	595790	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	345559	20.00	ng	-0.02
87) Perylene-d12	15.43	264	372575	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1771424	153.09	ng	0.02
7) Phenol-d6	6.45	99	2311155	156.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	1431837	112.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	586196	168.93	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2560141	112.76	ng	0.00
79) Terphenyl-d14	12.93	244	2341752	132.77	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.62	88	247105	43.24	ng 99
3) Pyridine	3.35	79	692521	43.98	ng 93
4) n-Nitrosodimethylamine	3.30	42	359930	46.88	ng 94
6) Aniline	6.47	93	723916	35.48	ng 98
8) 2-Chlorophenol	6.59	128	718208	59.10	ng 97
9) Benzaldehyde	6.35	77	379166	40.44	ng 96
10) Phenol	6.46	94	883990	56.05	ng 89
11) bis(2-Chloroethyl)ether	6.55	93	670684	53.17	ng 98
12) 1,3-Dichlorobenzene	6.75	146	709971	53.98	ng 97
13) 1,4-Dichlorobenzene	6.82	146	721739	54.86	ng 98
14) 1,2-Dichlorobenzene	6.98	146	670581	54.53	ng 98
15) Benzyl Alcohol	6.95	79	581874	52.33	ng 98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1154481	45.37	ng 98
17) 2-Methylphenol	7.06	107	567292	50.95	ng 97
18) Hexachloroethane	7.32	117	262897	54.53	ng 95
19) n-Nitroso-di-n-propylamine	7.23	70	468836	52.62	ng 97
20) 3+4-Methylphenols	7.22	107	677983	49.68	ng # 83
22) Acetophenone	7.22	105	900328	54.61	ng # 86
24) Nitrobenzene	7.39	77	715296	52.72	ng 99
25) Isophorone	7.63	82	1324069	51.41	ng 100
26) 2-Nitrophenol	7.71	139	368385	68.96	ng # 87
27) 2,4-Dimethylphenol	7.75	122	582750	52.75	ng 99
28) bis(2-Chloroethoxy)methane	7.85	93	833614	54.74	ng 100
29) 2,4-Dichlorophenol	7.95	162	557612	54.94	ng 99
30) 1,2,4-Trichlorobenzene	8.03	180	613470	54.65	ng 99
31) Naphthalene	8.12	128	1960066	55.20	ng 99
32) Benzoic acid	7.88	122	448824	63.16	ng 95
33) 4-Chloroaniline	8.16	127	298239	18.33	ng 99
34) Hexachlorobutadiene	8.23	225	343930	54.76	ng 97
35) Caprolactam	8.57	113	50914	15.33	ng 94
36) 4-Chloro-3-methylphenol	8.65	107	598262	53.93	ng 99
37) 2-Methylnaphthalene	8.81	142	1302063	55.87	ng 98
38) 1-Methylnaphthalene	8.90	142	1216768	55.16	ng 100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	563551	57.16	ng 99

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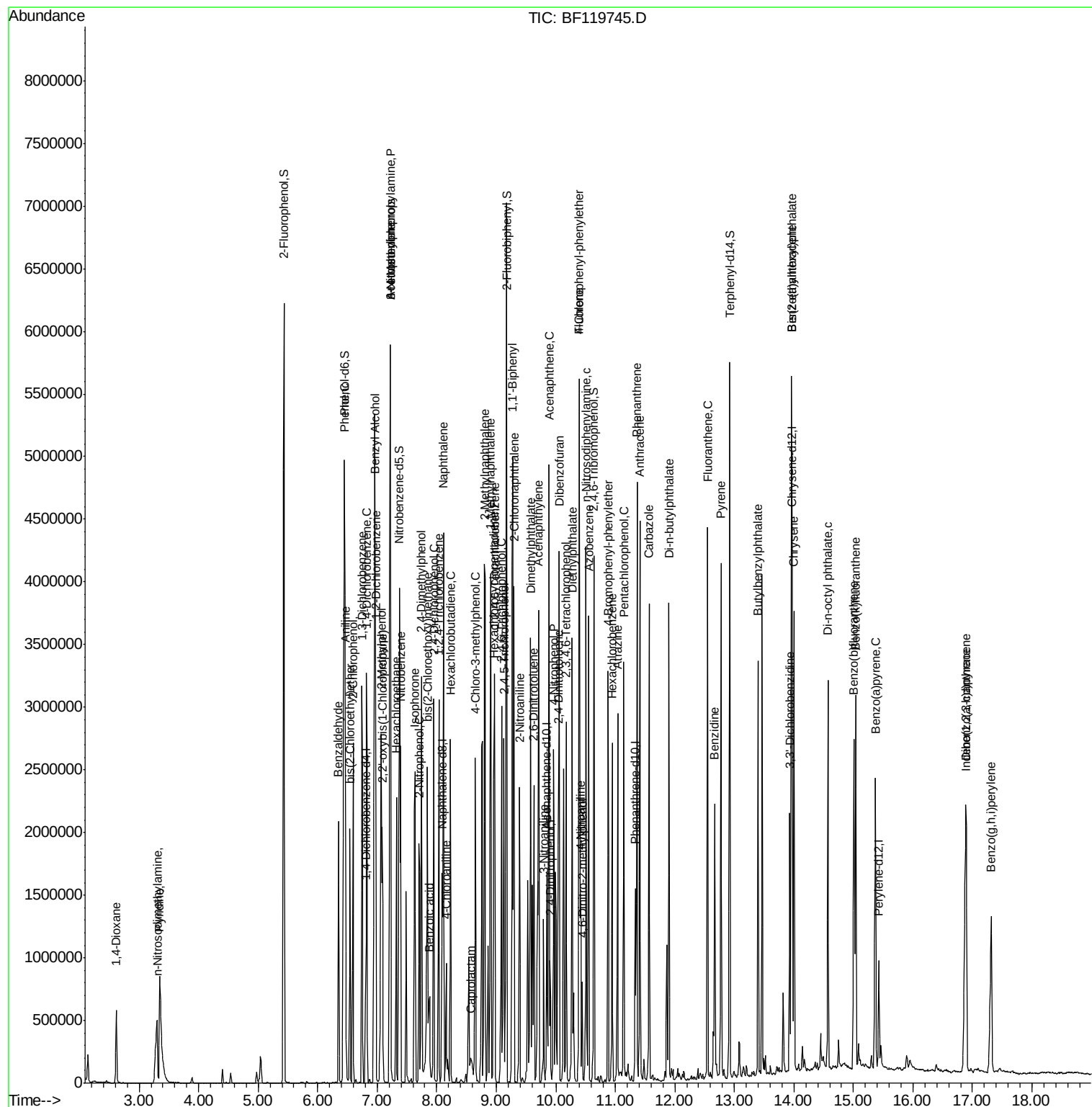
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	411786	73.47	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	405559	57.48	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	409348	51.79	ng	96
46) 1,1'-Biphenyl	9.27	154	1518687	55.44	ng	98
47) 2-Chloronaphthalene	9.30	162	1184421	55.20	ng	98
48) 2-Nitroaniline	9.39	65	417050	56.31	ng	96
49) Acenaphthylene	9.72	152	1837521	54.53	ng	98
50) Dimethylphthalate	9.57	163	1607503	67.28	ng	100
51) 2,6-Dinitrotoluene	9.63	165	306818	59.91	ng	90
52) Acenaphthene	9.89	154	1161619	55.30	ng	98
53) 3-Nitroaniline	9.80	138	196617	30.41	ng	99
54) 2,4-Dinitrophenol	9.90	184	118694	55.97	ng	# 87
55) Dibenzofuran	10.06	168	1635723	54.31	ng	100
56) 4-Nitrophenol	9.97	139	481732	94.46	ng	95
57) 2,4-Dinitrotoluene	10.04	165	391896	60.75	ng	95
58) Fluorene	10.40	166	1249423	56.10	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	328455	55.60	ng	98
60) Diethylphthalate	10.27	149	1365651	56.32	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	596303	54.75	ng	98
62) 4-Nitroaniline	10.42	138	275278	44.40	ng	99
63) Azobenzene	10.55	77	1295024	53.04	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	95250	38.13	ng	95
66) n-Nitrosodiphenylamine	10.51	169	1142305	58.40	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	383663	56.54	ng	99
68) Hexachlorobenzene	10.95	284	407227	58.64	ng	# 91
69) Atrazine	11.04	200	330446	61.63	ng	100
70) Pentachlorophenol	11.15	266	400603	98.38	ng	96
71) Phenanthrene	11.36	178	1776233	57.50	ng	99
72) Anthracene	11.42	178	1748588	55.69	ng	98
73) Carbazole	11.57	167	1523312	49.02	ng	99
74) Di-n-butylphthalate	11.90	149	2016485	60.66	ng	100
75) Fluoranthene	12.55	202	1758223	52.59	ng	98
77) Benzidine	12.67	184	832045	56.90	ng	98
78) Pyrene	12.78	202	1714724	60.46	ng	98
80) Butylbenzylphthalate	13.40	149	710412	61.94	ng	98
81) Benzo(a)anthracene	13.97	228	1303024	57.99	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	453415	51.17	ng	100
83) Chrysene	14.00	228	1288157	55.55	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	913855	66.83	ng	# 97
85) Di-n-octyl phthalate	14.57	149	1532522	63.73	ng	98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1319411	60.41	ng	99
88) Benzo(b)fluoranthene	15.01	252	1389688	55.84	ng	99
89) Benzo(k)fluoranthene	15.04	252	1305314	55.08	ng	100
90) Benzo(a)pyrene	15.37	252	1267304	56.03	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1093892	55.29	ng	100
92) Benzo(g,h,i)perylene	17.32	276	1064226	53.55	ng	97

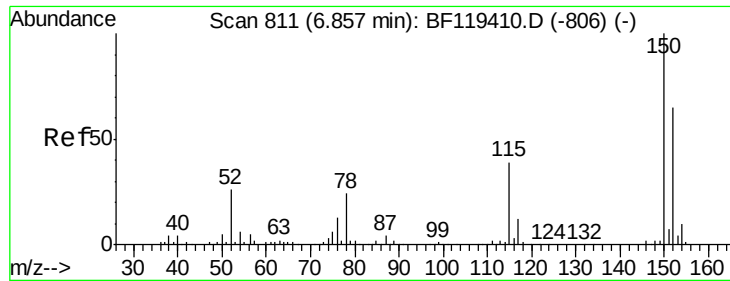
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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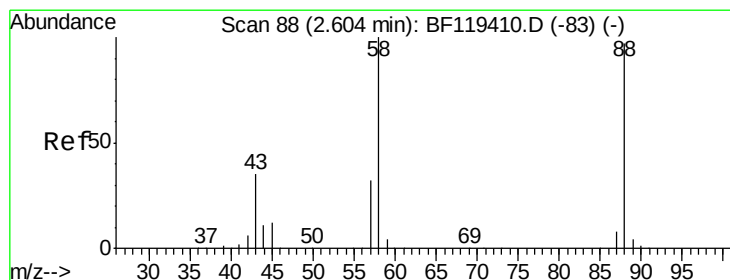
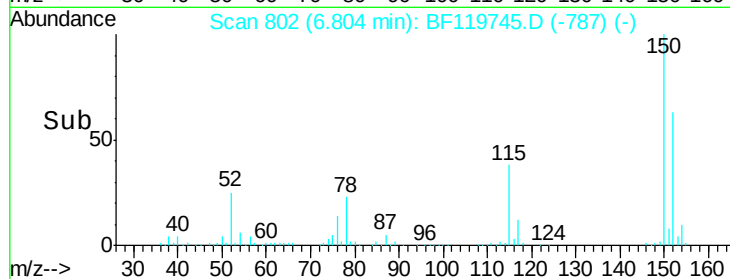
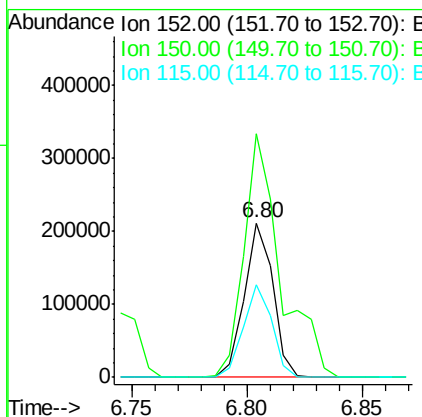
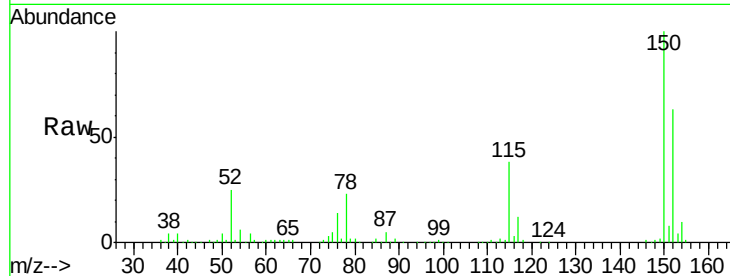




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

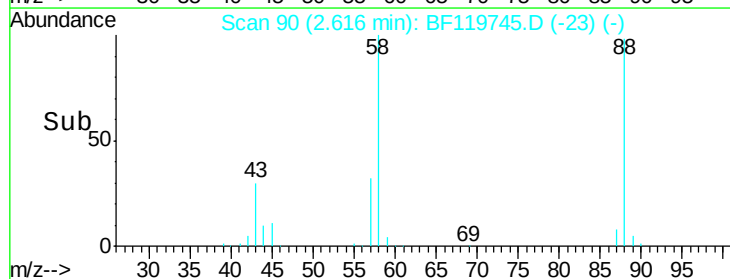
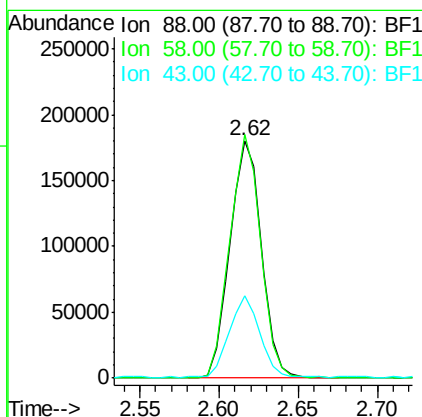
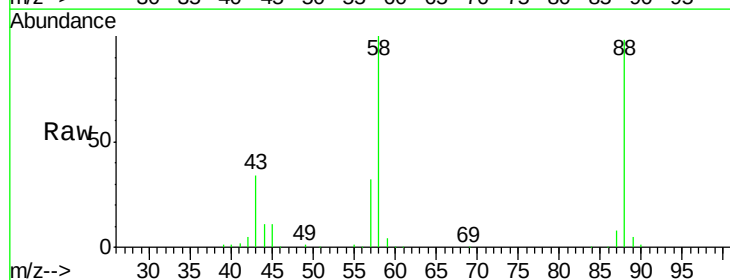
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

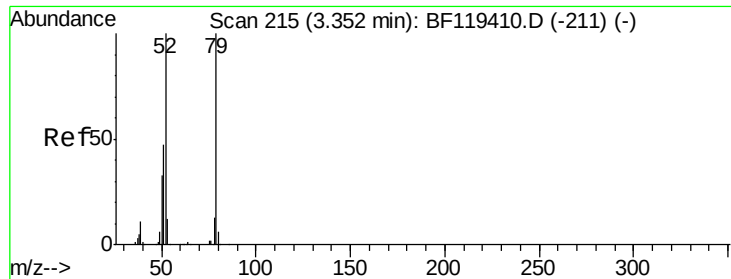
Tgt Ion: 152 Resp: 184205
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.5 186.7
 115 60.1 49.6 74.4



#2
 1,4-Dioxane
 Concen: 43.24 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.09 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 88 Resp: 247105
 Ion Ratio Lower Upper
 88 100
 58 100.9 80.6 121.0
 43 33.3 27.5 41.3





#3

Pyridine

Concen: 43.98 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

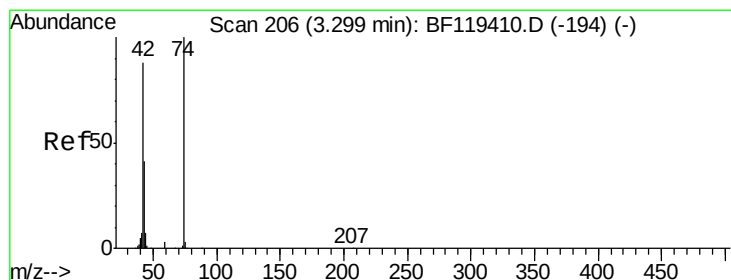
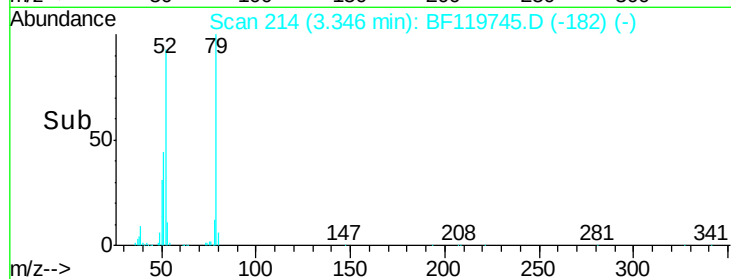
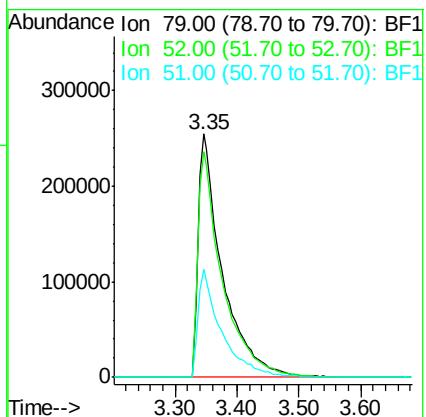
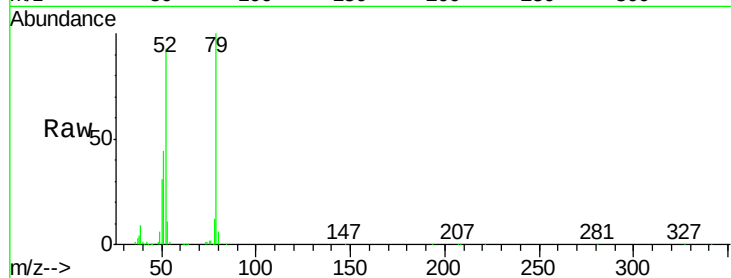
Tgt Ion: 79 Resp: 692521

Ion Ratio Lower Upper

79 100

52 92.7 80.2 120.2

51 44.1 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 46.88 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.09 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

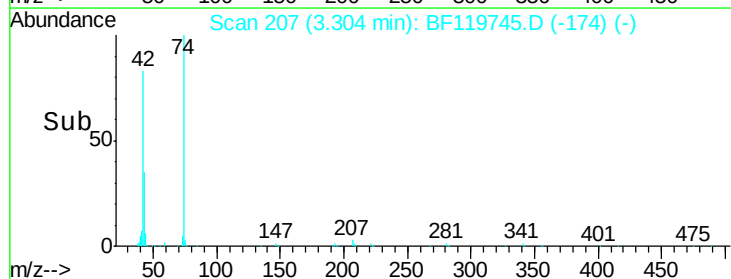
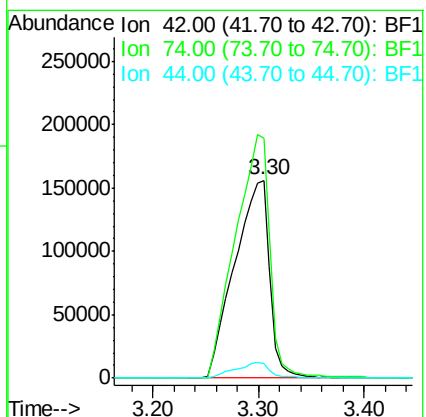
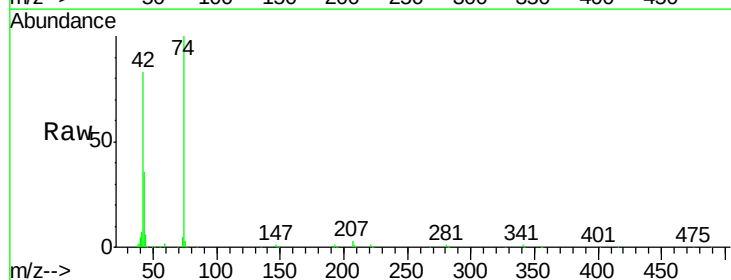
Tgt Ion: 42 Resp: 359930

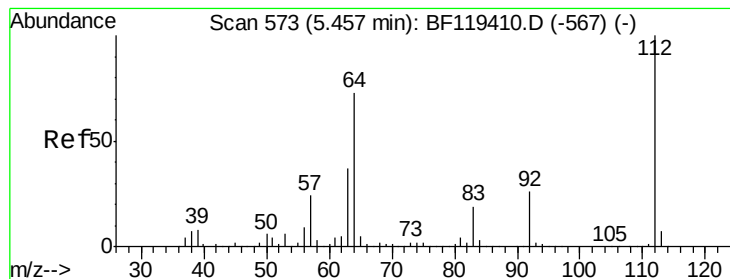
Ion Ratio Lower Upper

42 100

74 120.8 91.5 137.3

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 153.09 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

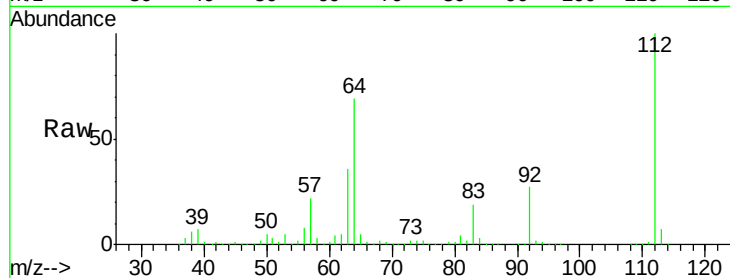
Tgt Ion: 112 Resp: 1771424

Ion Ratio Lower Upper

112 100

64 68.9 56.7 85.1

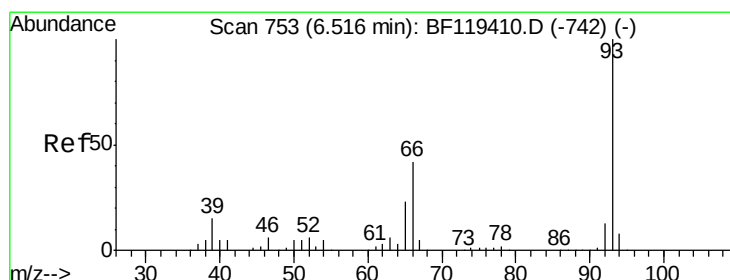
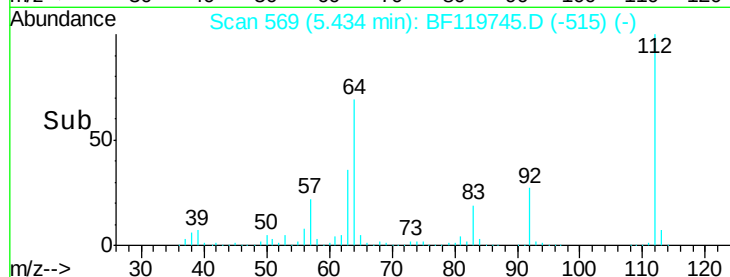
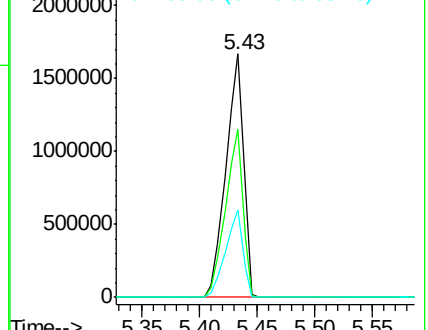
63 36.1 29.5 44.3



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: 35.48 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

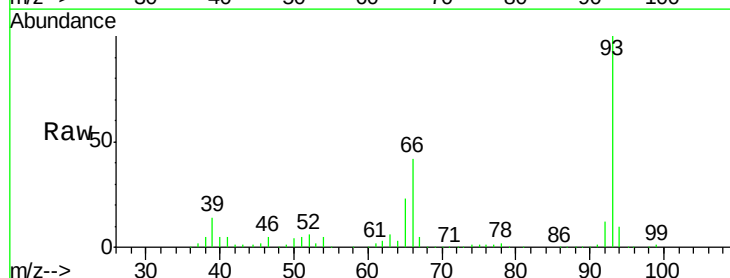
Tgt Ion: 93 Resp: 723916

Ion Ratio Lower Upper

93 100

66 42.2 34.9 52.3

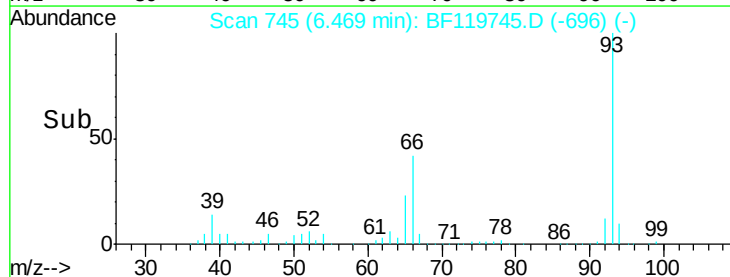
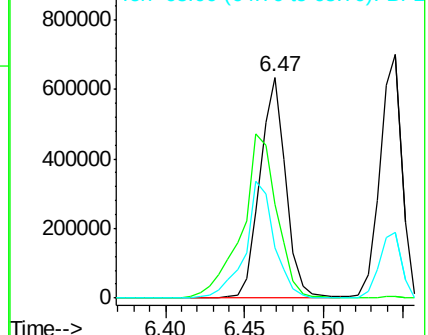
65 22.5 18.6 27.8

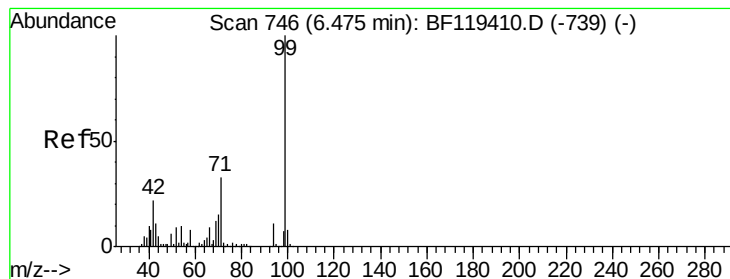


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 156.35 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

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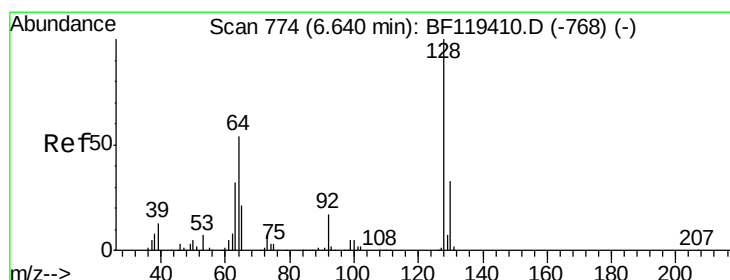
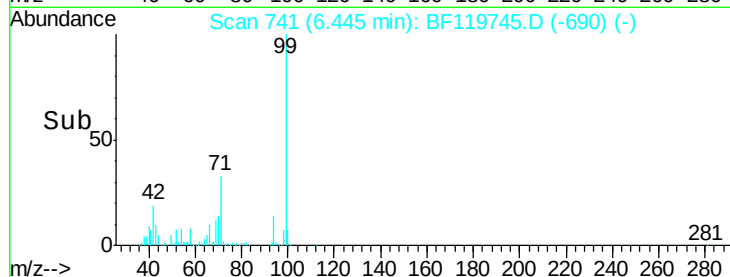
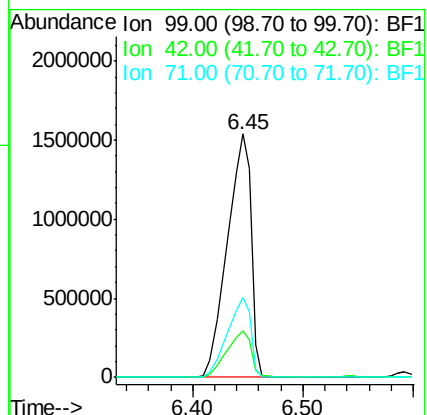
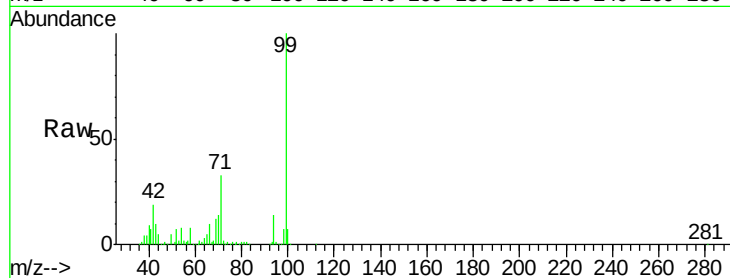
Tgt Ion: 99 Resp: 2311155

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 32.6 26.4 39.6



#8

2-Chlorophenol

Concen: 59.10 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119745.D

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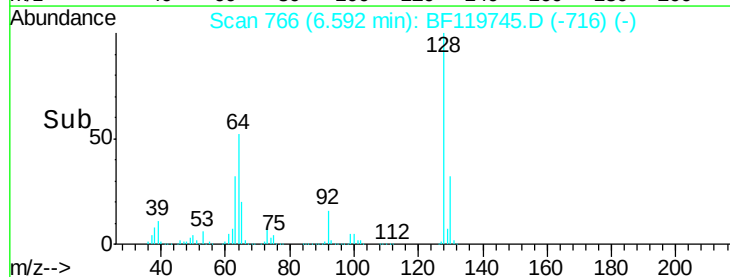
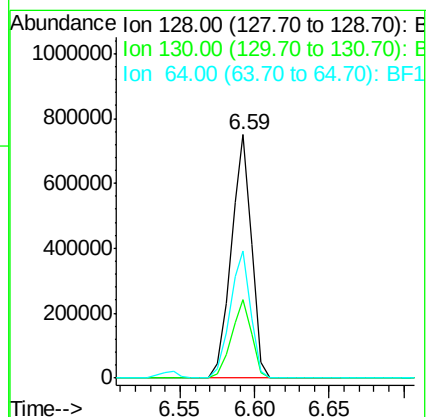
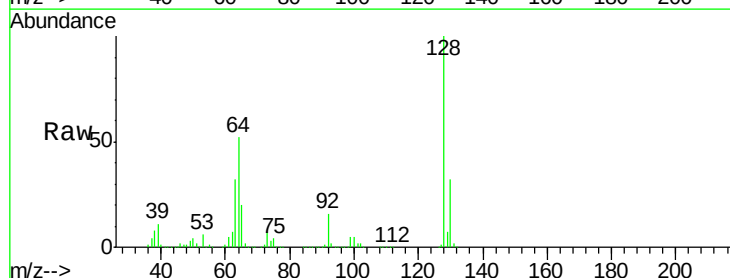
Tgt Ion: 128 Resp: 718208

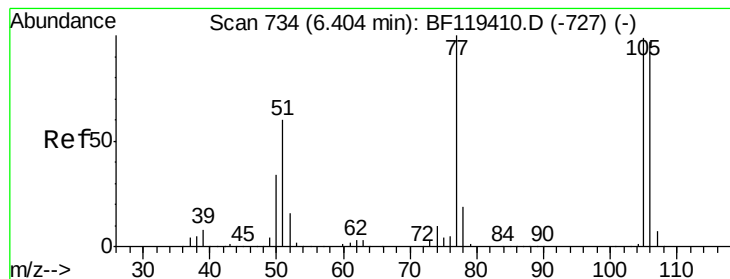
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 52.4 35.3 75.3





#9

Benzaldehyde

Concen: 40.44 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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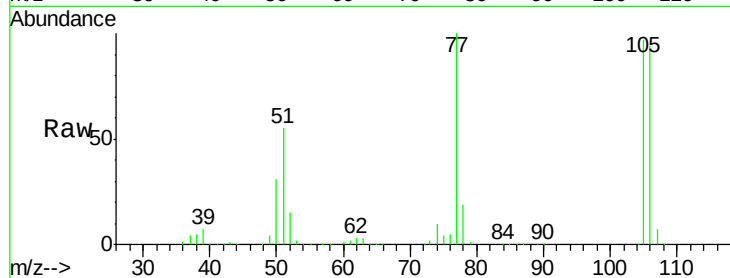
Tgt Ion: 77 Resp: 379166

Ion Ratio Lower Upper

77 100

105 96.9 80.9 120.9

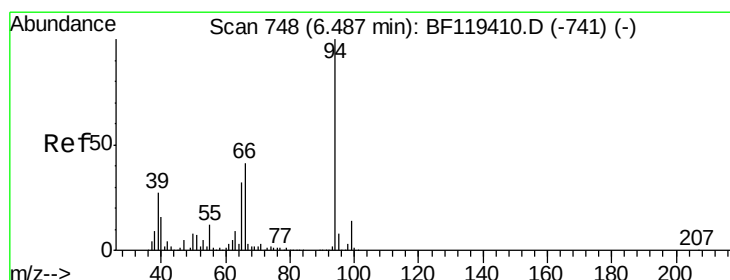
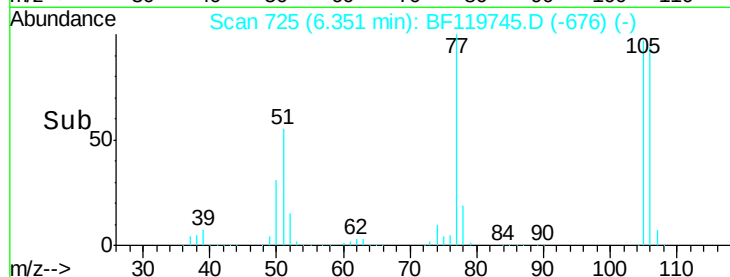
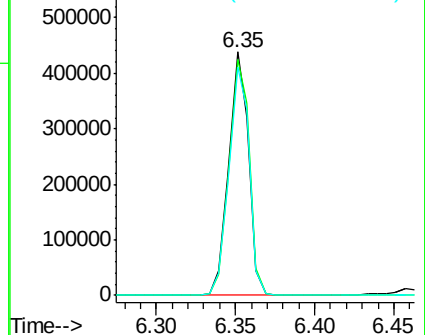
106 93.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.05 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

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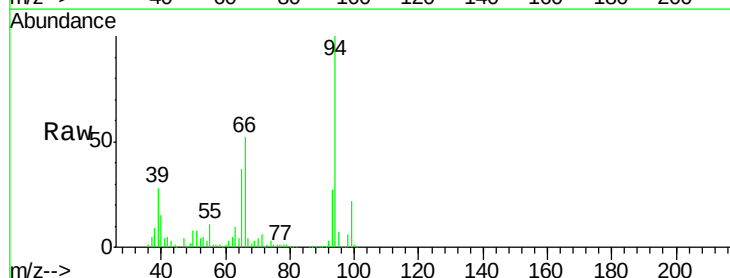
Tgt Ion: 94 Resp: 883990

Ion Ratio Lower Upper

94 100

65 36.6 13.2 53.2

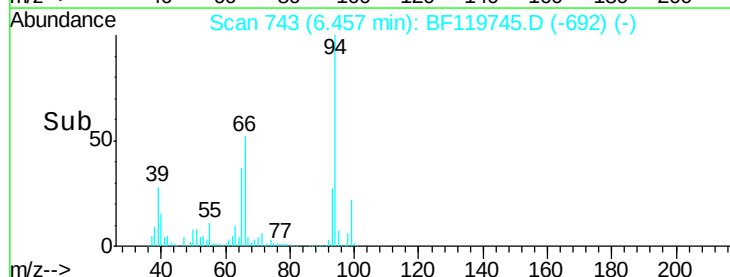
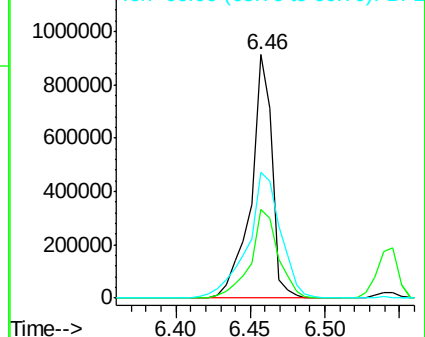
66 51.6 22.3 62.3

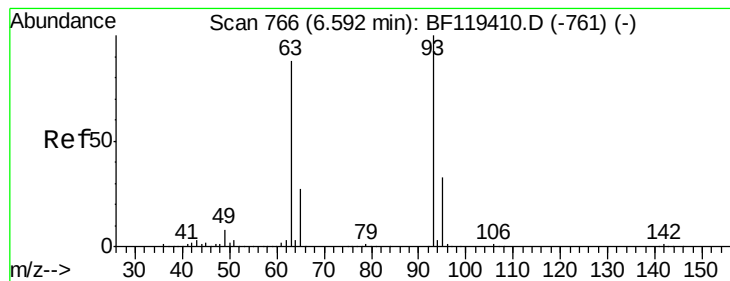


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 53.17 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

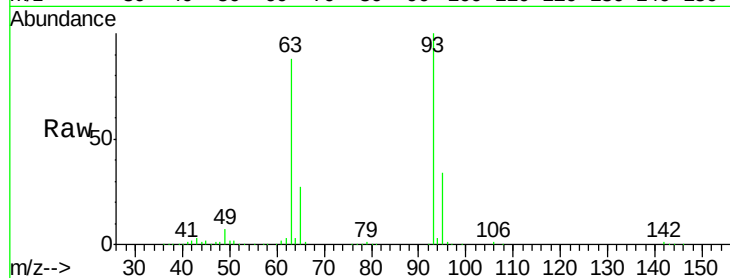
Tgt Ion: 93 Resp: 670684

Ion Ratio Lower Upper

93 100

63 88.3 70.2 110.2

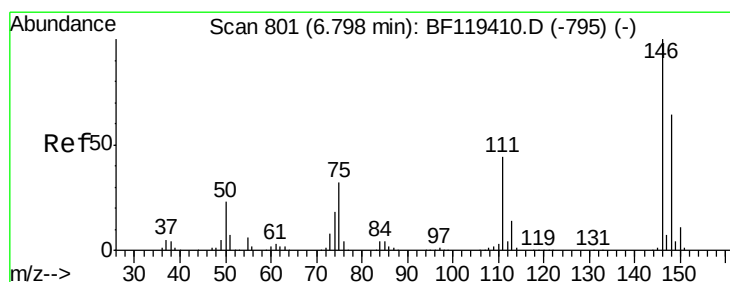
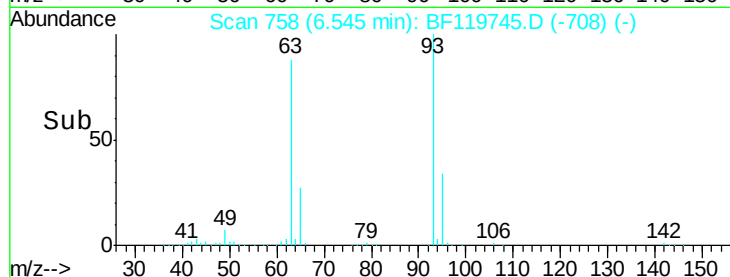
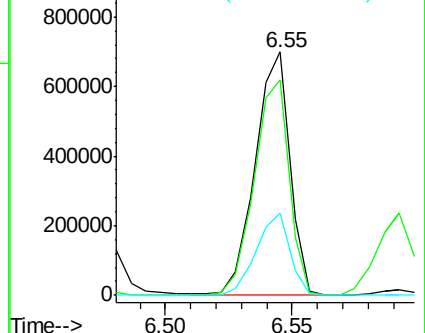
95 33.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 53.98 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

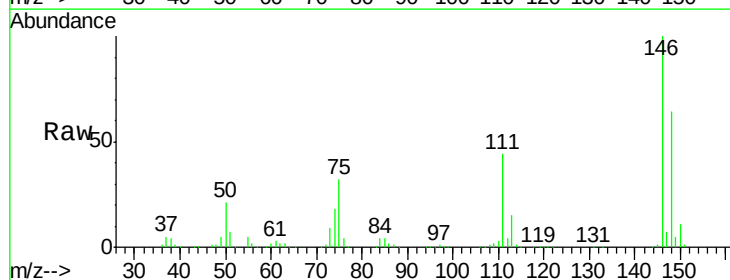
Tgt Ion: 146 Resp: 709971

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

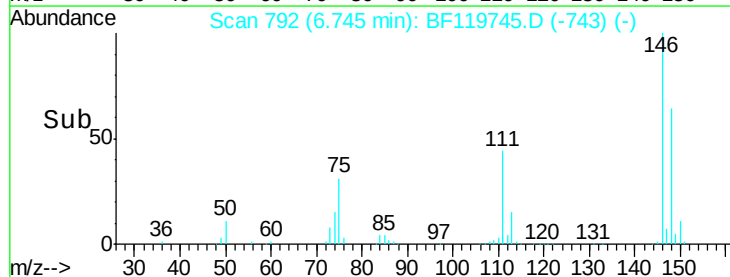
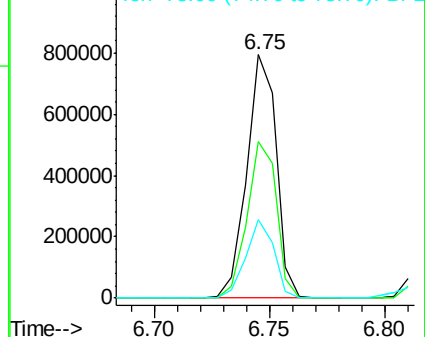
75 32.1 23.0 34.4

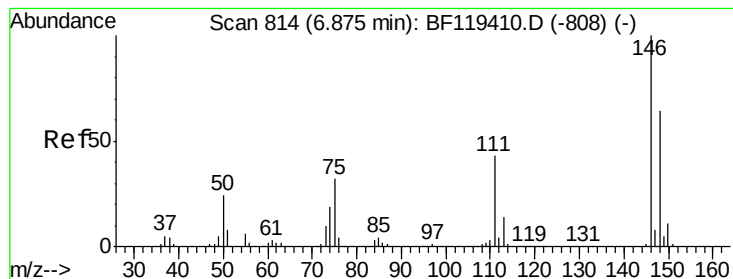


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 54.86 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

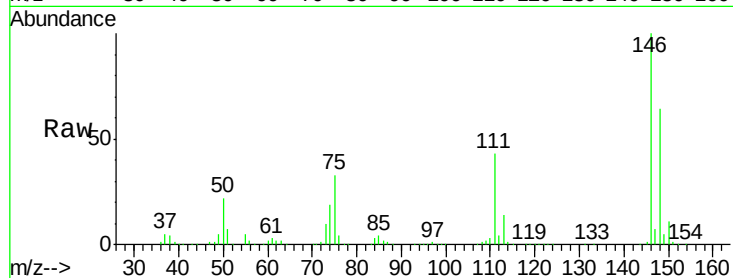
Tgt Ion:146 Resp: 721739

Ion Ratio Lower Upper

146 100

148 63.6 51.5 77.3

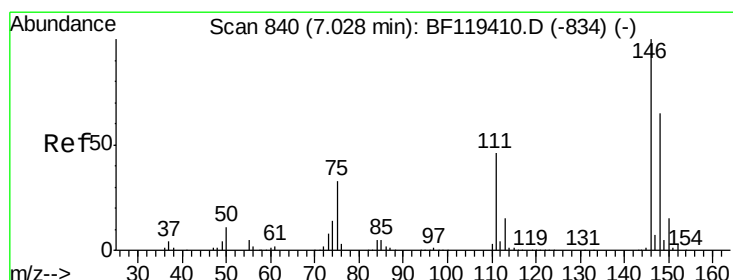
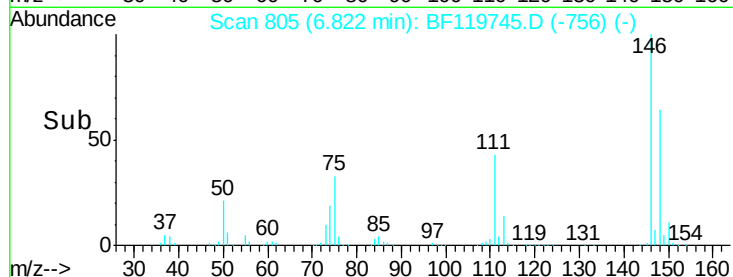
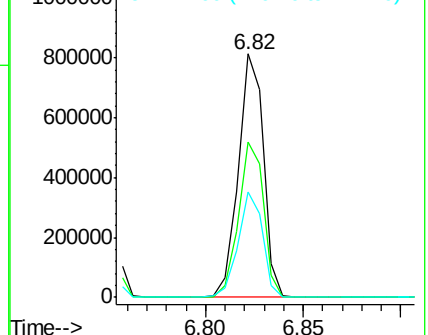
111 43.5 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.53 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

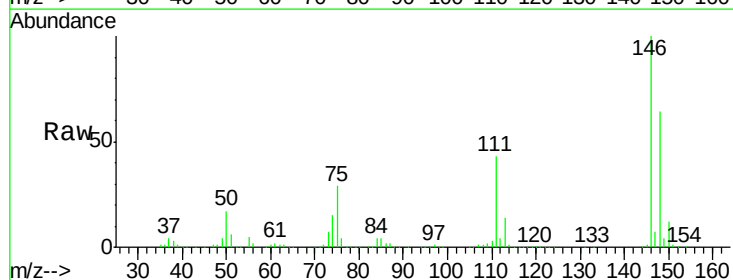
Tgt Ion:146 Resp: 670581

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

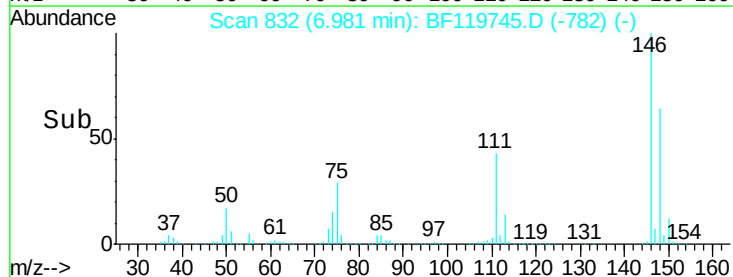
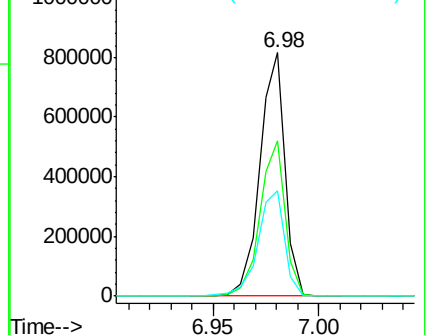
111 43.4 36.1 54.1

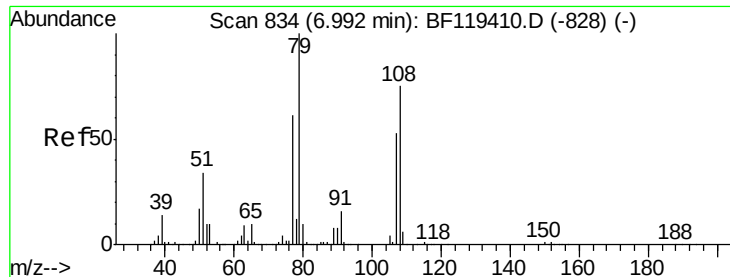


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.33 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

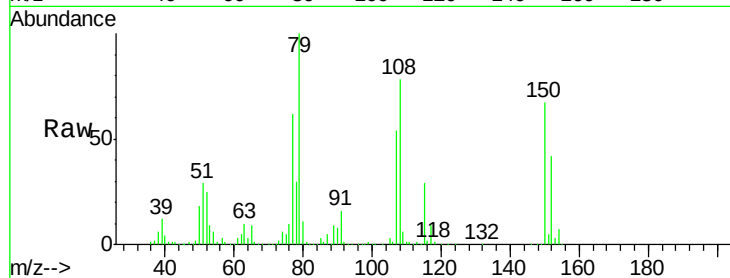
Tgt Ion: 79 Resp: 581874

Ion Ratio Lower Upper

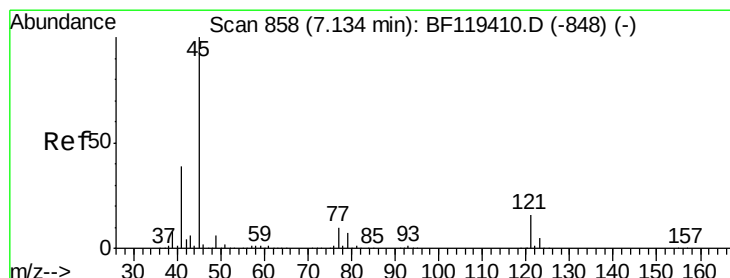
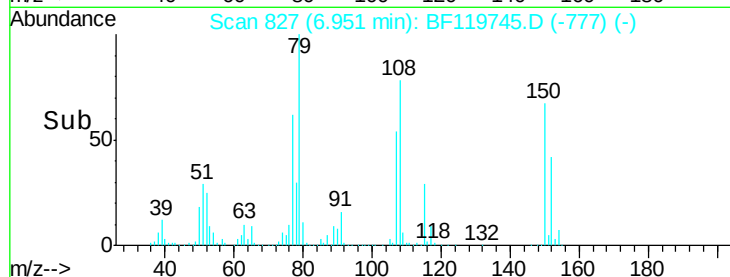
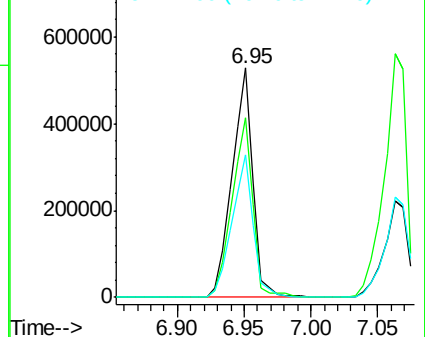
79 100

108 78.2 60.6 90.8

77 62.0 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.37 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

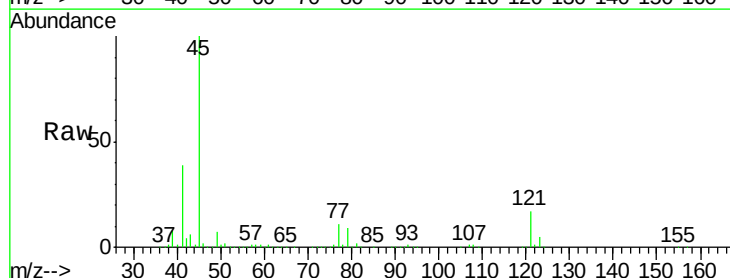
Tgt Ion: 45 Resp: 1154481

Ion Ratio Lower Upper

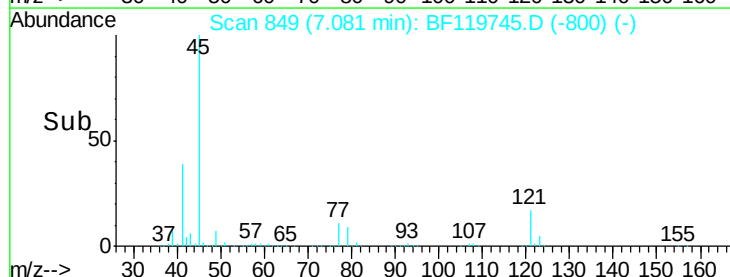
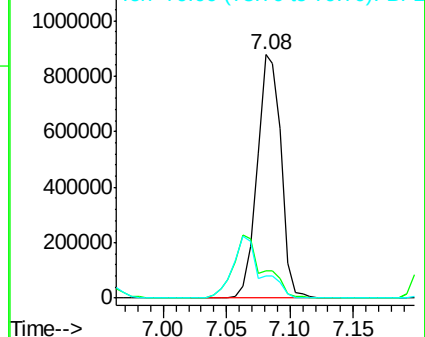
45 100

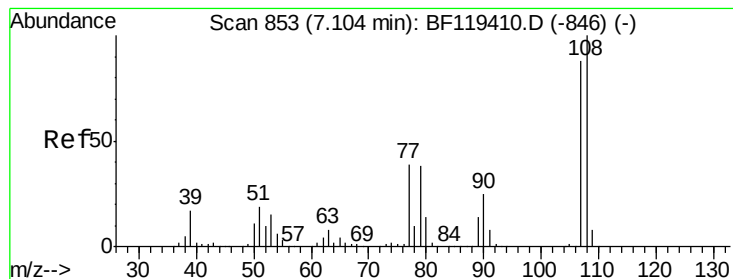
77 11.4 0.0 30.7

79 8.9 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.95 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:107 Resp: 567292

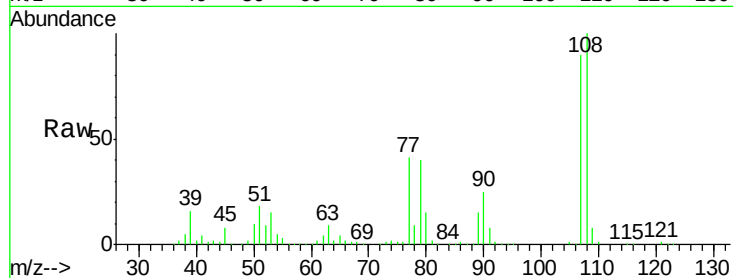
Ion Ratio Lower Upper

107 100

108 111.1 92.2 138.4

77 45.5 36.6 54.8

79 44.2 36.2 54.4

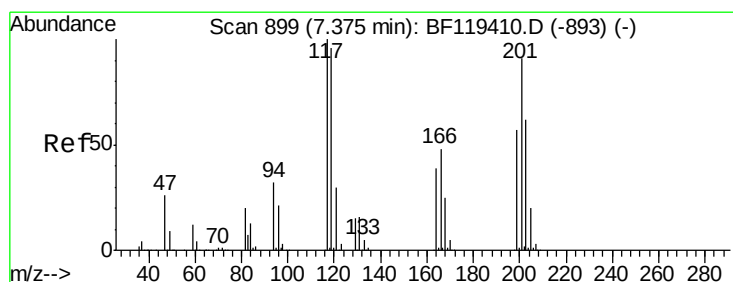
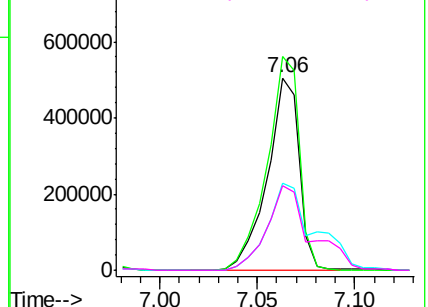
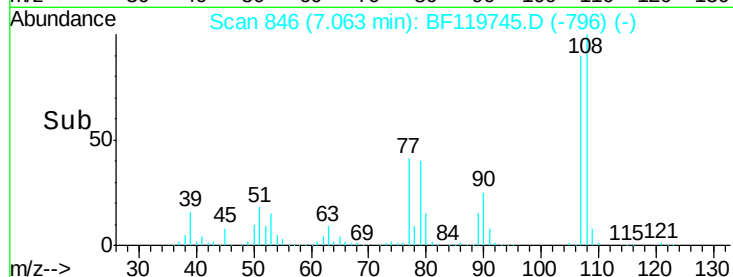


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 54.53 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

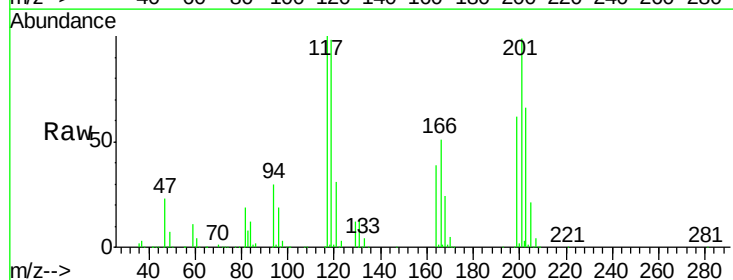
Tgt Ion:117 Resp: 262897

Ion Ratio Lower Upper

117 100

119 97.6 76.1 114.1

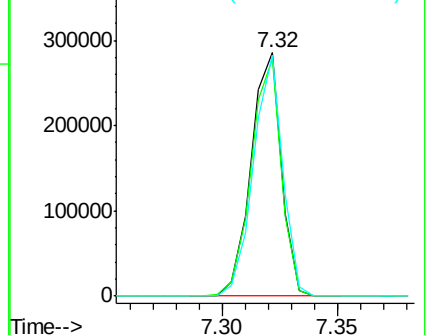
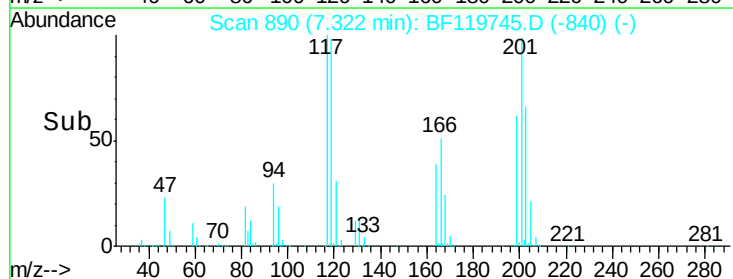
201 99.0 73.0 109.6

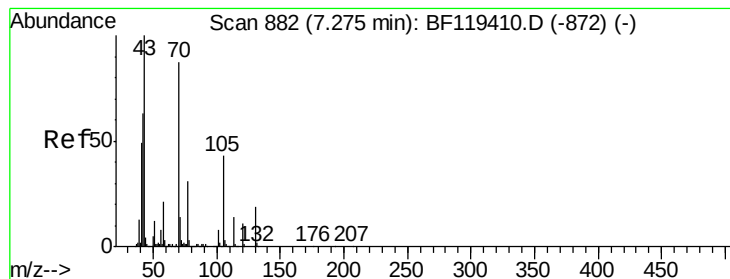


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 52.62 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion: 70 Resp: 468836

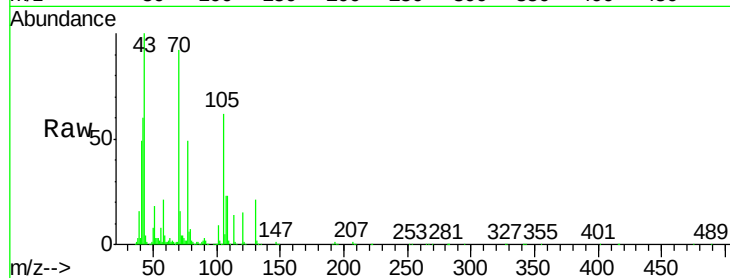
Ion Ratio Lower Upper

70 100

42 64.8 54.5 81.7

101 9.7 7.6 11.4

130 22.9 17.6 26.4

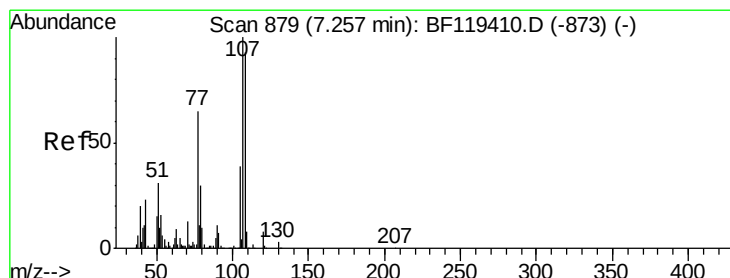
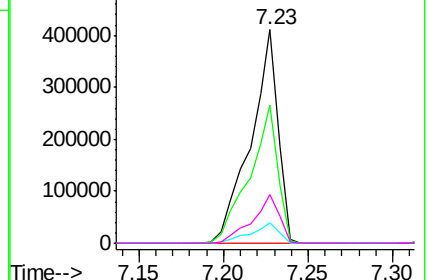
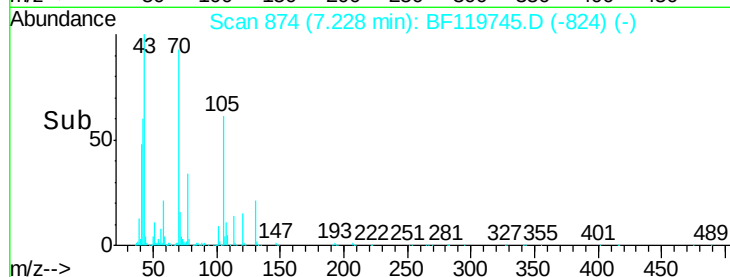


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 49.68 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion: 107 Resp: 677983

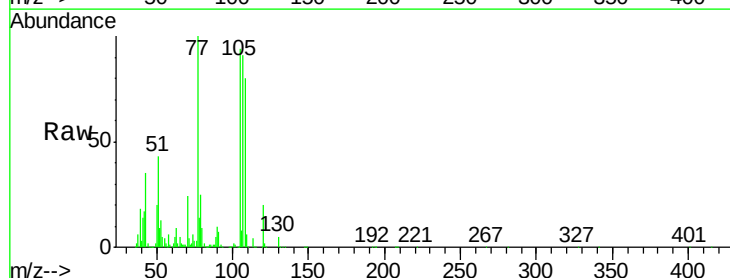
Ion Ratio Lower Upper

107 100

108 88.1 67.9 107.9

77 109.5 52.9 92.9#

79 27.1 7.7 47.7

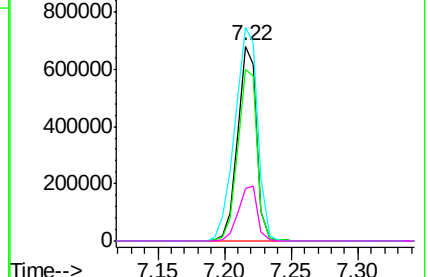
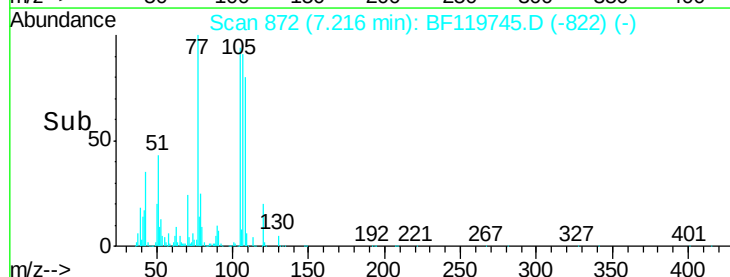


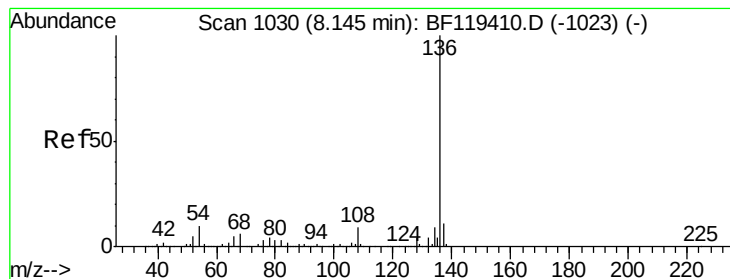
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:136 Resp: 690008

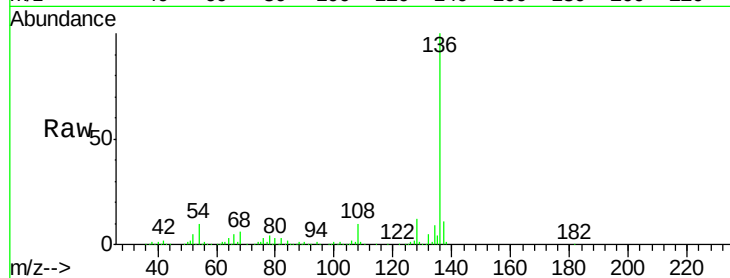
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.8 9.1 13.7

68 5.8 4.6 6.8

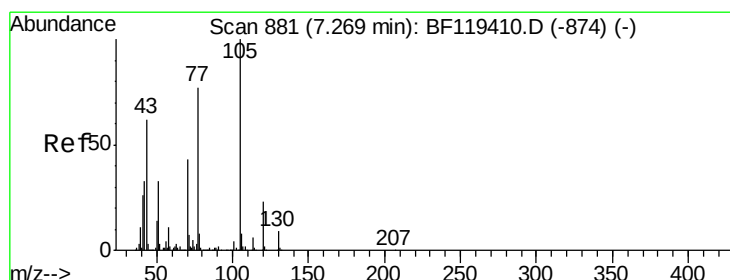
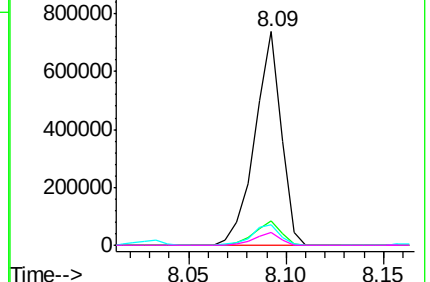
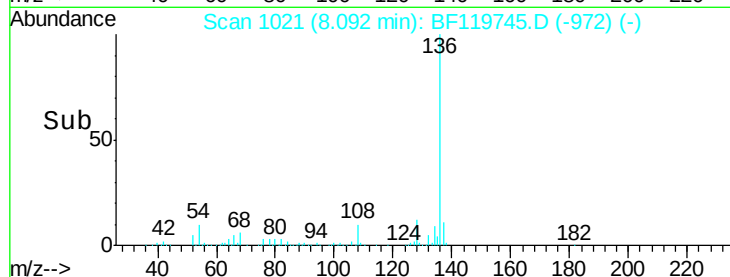


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 54.61 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:105 Resp: 900328

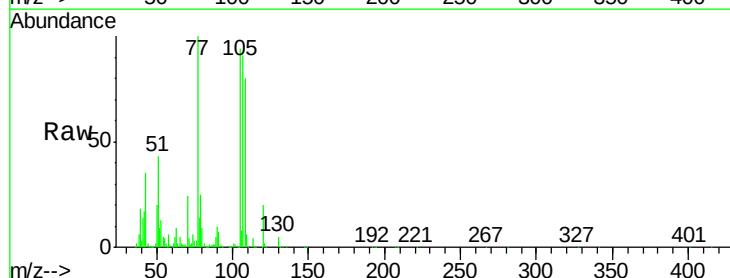
Ion Ratio Lower Upper

105 100

71 4.2 5.7 8.5#

51 45.6 26.2 39.4#

120 21.5 18.3 27.5

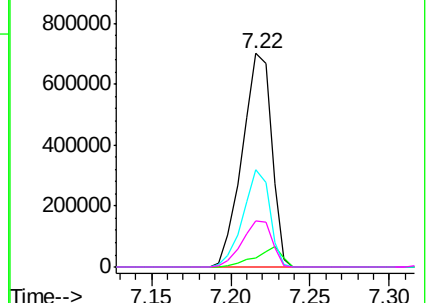
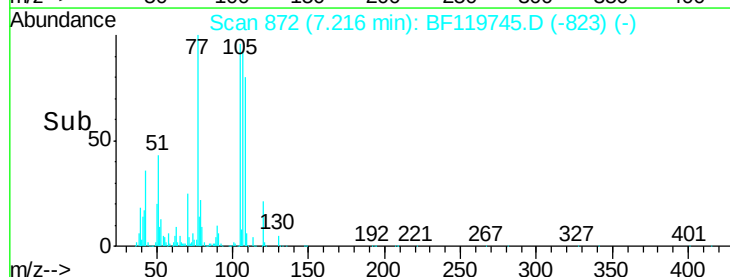


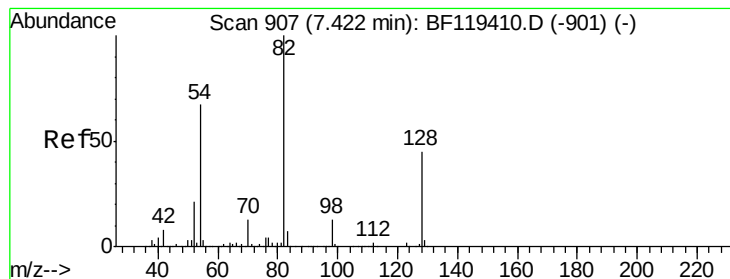
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 112.78 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

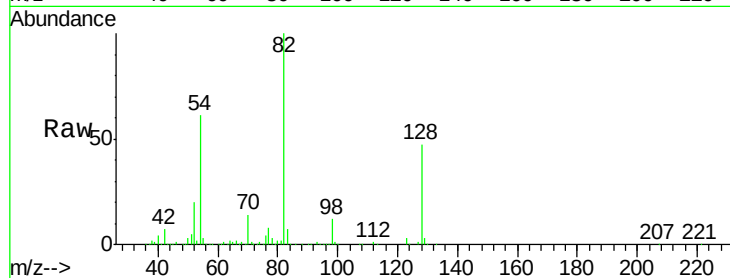
Tgt Ion: 82 Resp: 1431837

Ion Ratio Lower Upper

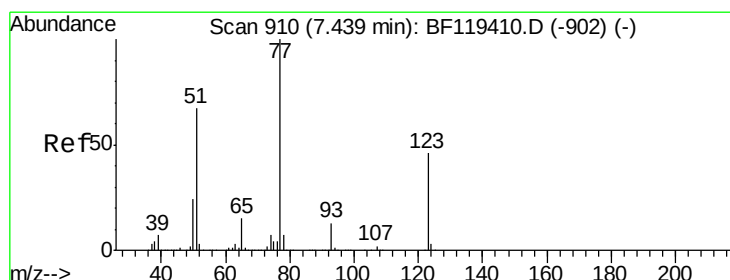
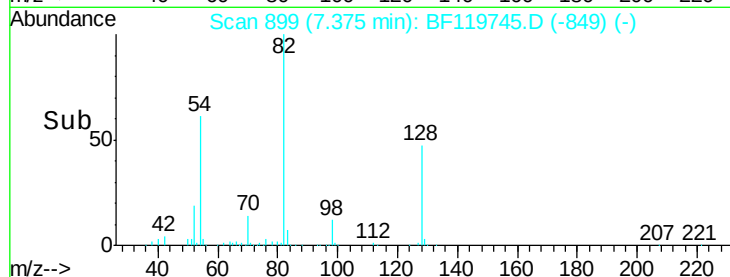
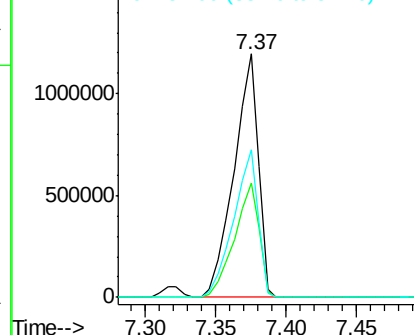
82 100

128 46.7 36.3 54.5

54 60.8 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 52.72 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

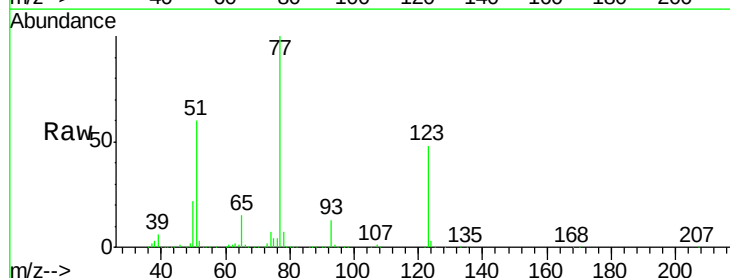
Tgt Ion: 77 Resp: 715296

Ion Ratio Lower Upper

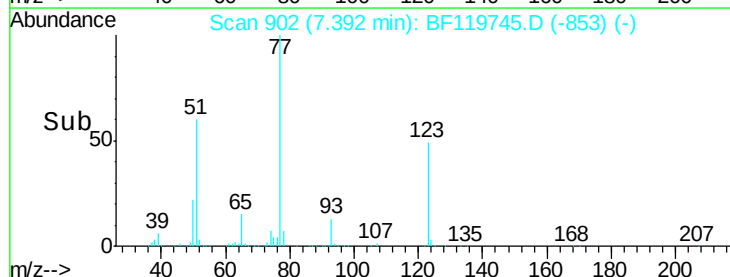
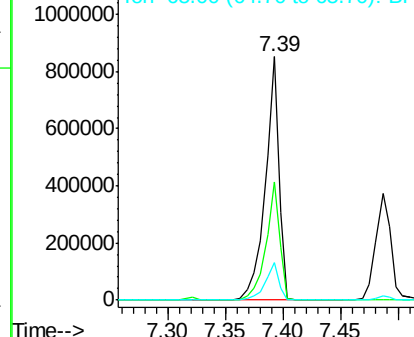
77 100

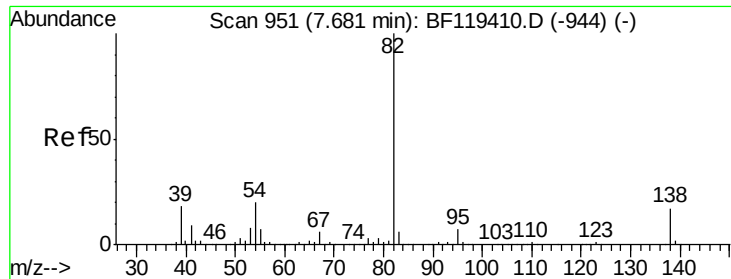
123 48.4 38.0 57.0

65 15.4 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 51.41 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

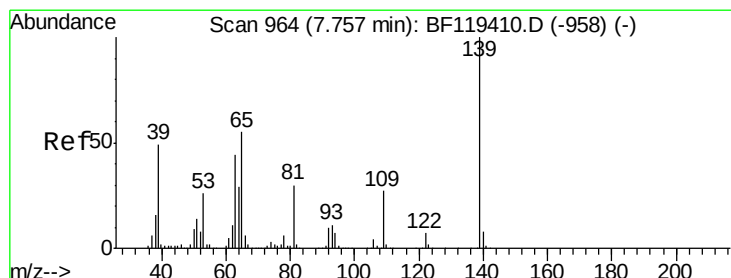
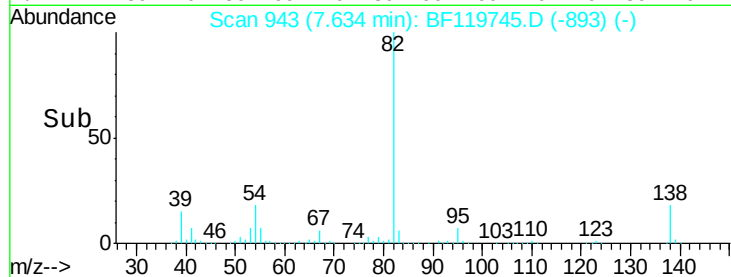
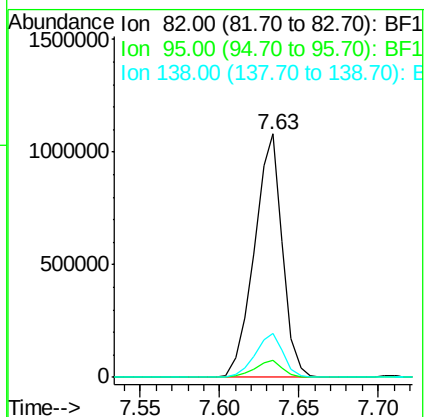
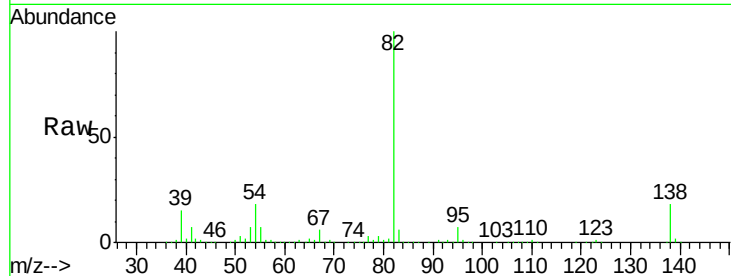
Tgt Ion: 82 Resp: 1324069

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 18.1 14.6 21.8



#26

2-Nitrophenol

Concen: 68.96 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

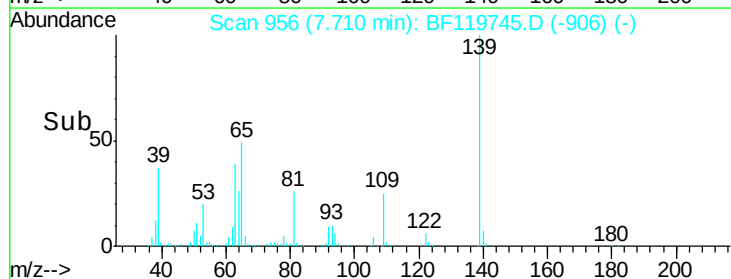
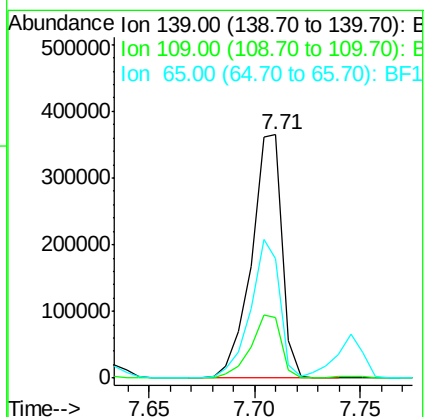
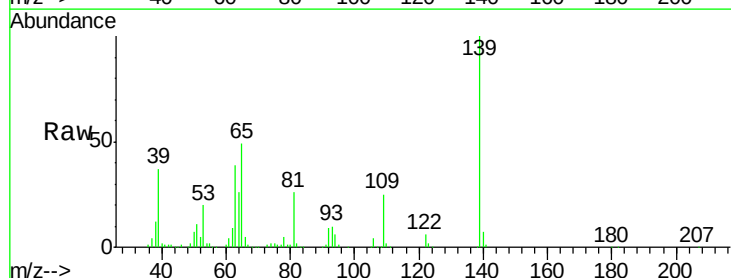
Tgt Ion: 139 Resp: 368385

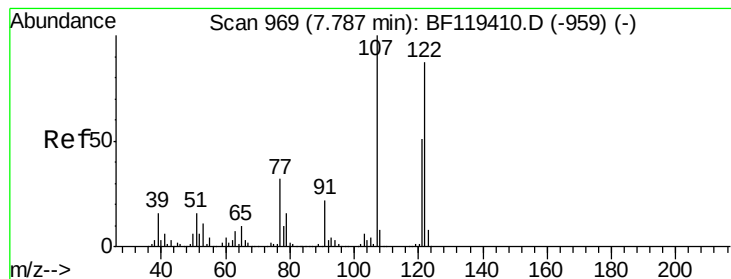
Ion Ratio Lower Upper

139 100

109 24.9 22.1 33.1

65 49.0 49.2 73.8#

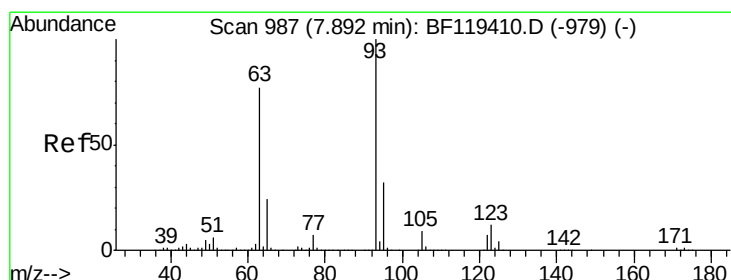
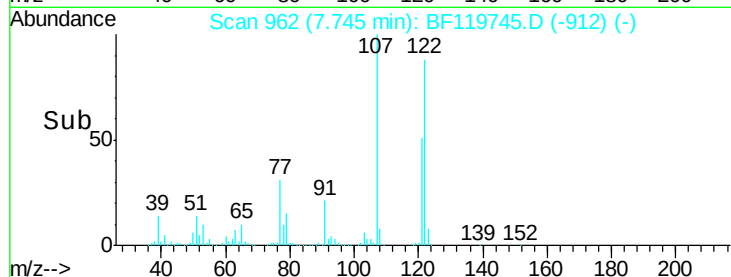
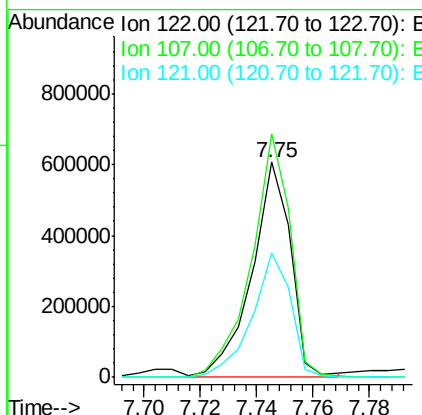
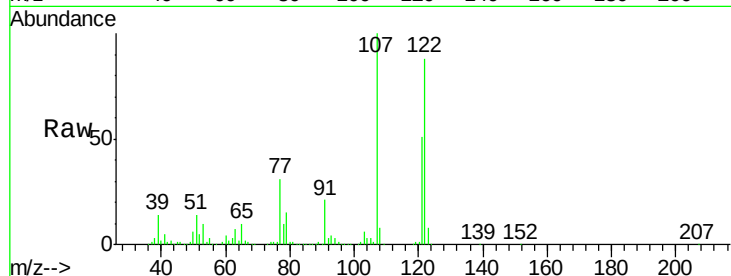




#27
 2,4-Dimethylphenol
 Concen: 52.75 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

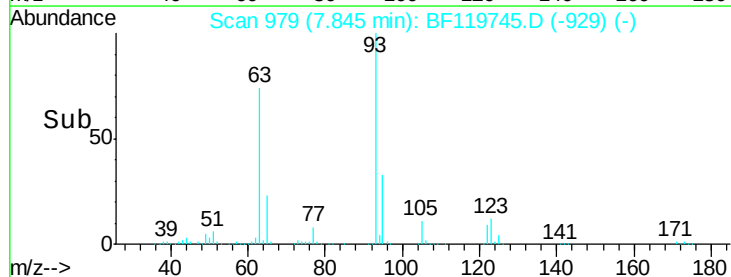
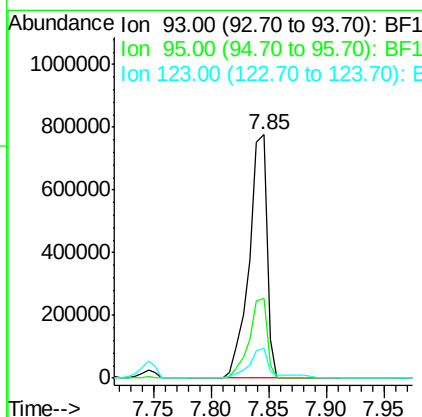
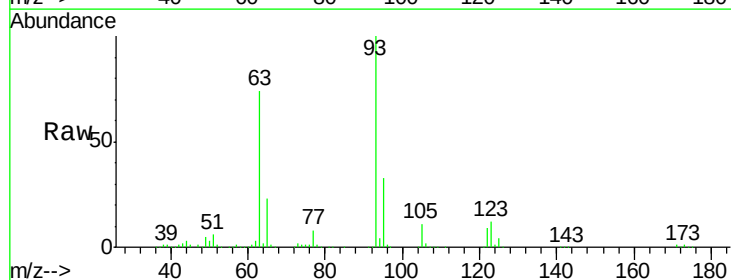
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

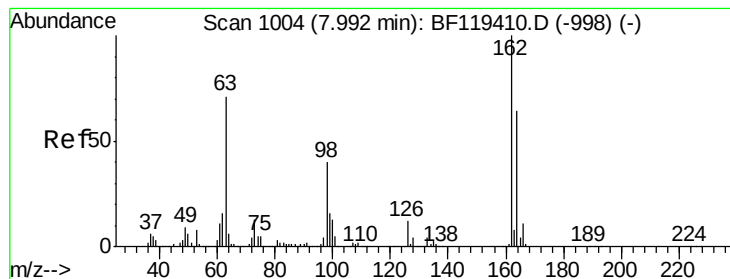
Tgt Ion: 122 Resp: 582750
 Ion Ratio Lower Upper
 122 100
 107 113.1 89.0 133.6
 121 57.6 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.74 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 93 Resp: 833614
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 54.94 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

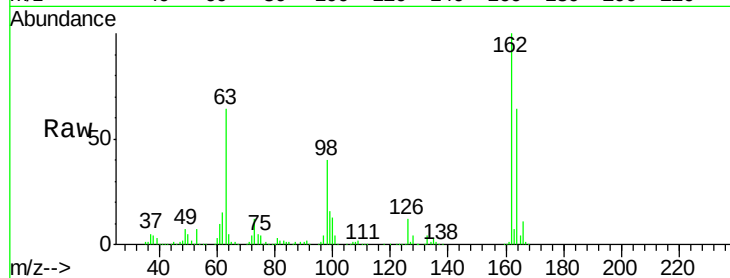
Tgt Ion:162 Resp: 557612

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

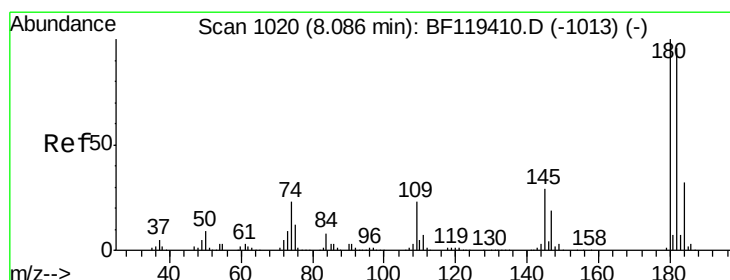
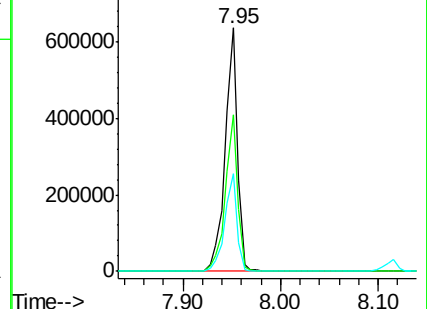
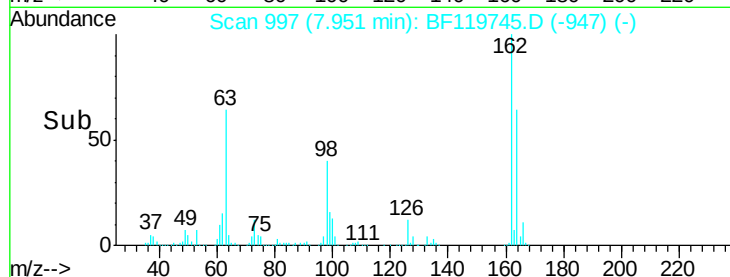
98 40.0 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 54.65 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

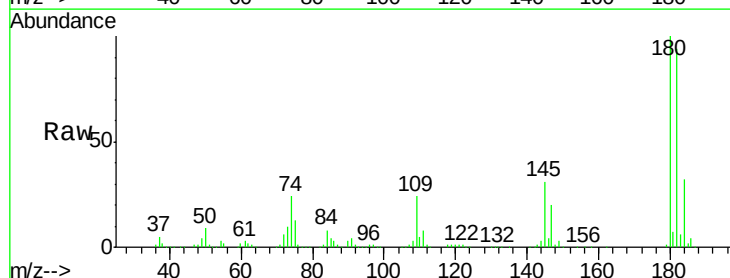
Tgt Ion:180 Resp: 613470

Ion Ratio Lower Upper

180 100

182 94.5 74.7 112.1

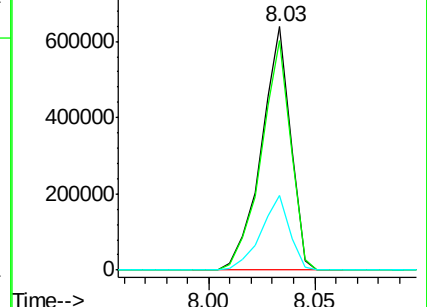
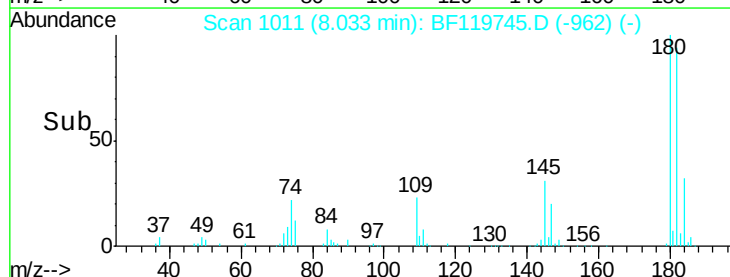
145 30.8 24.5 36.7

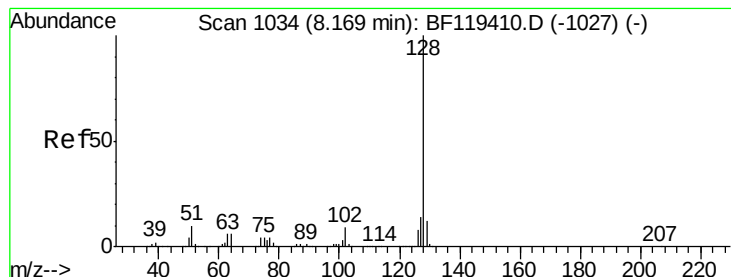


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.20 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

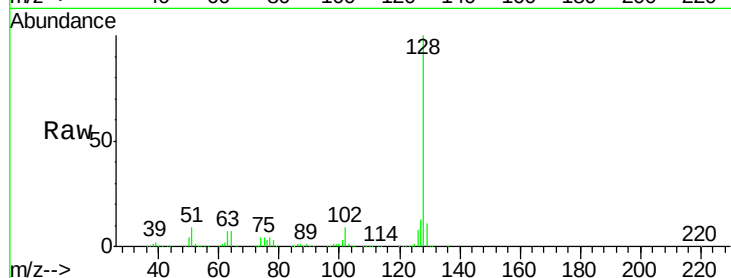
Tgt Ion:128 Resp: 1960066

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

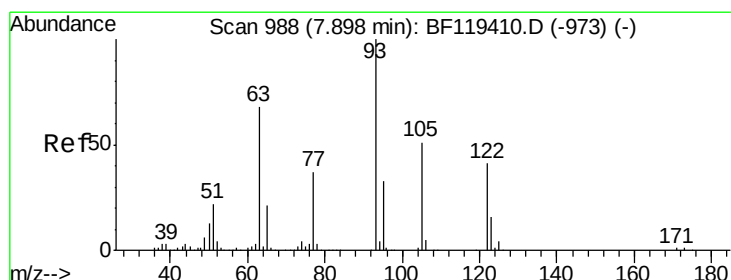
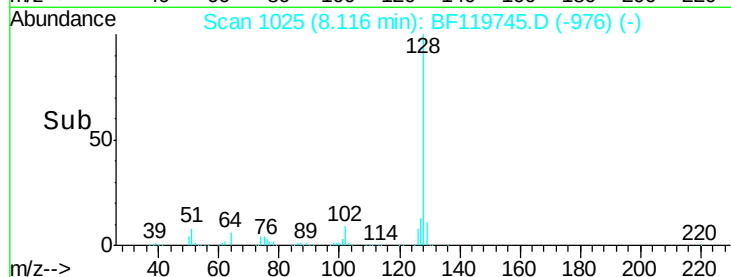
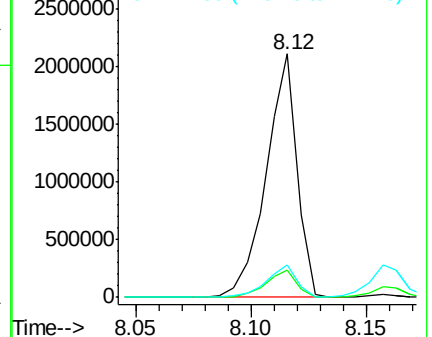
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.16 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

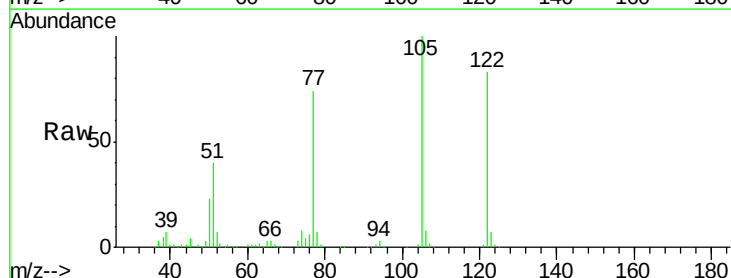
Tgt Ion:122 Resp: 448824

Ion Ratio Lower Upper

122 100

105 120.1 104.9 144.9

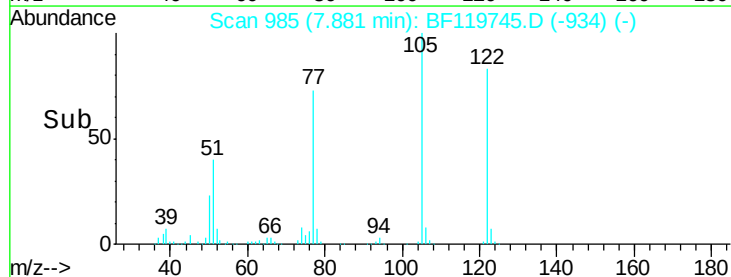
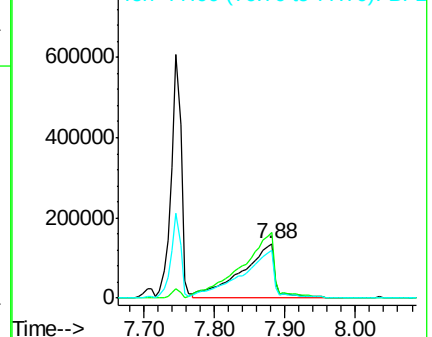
77 88.4 74.4 114.4

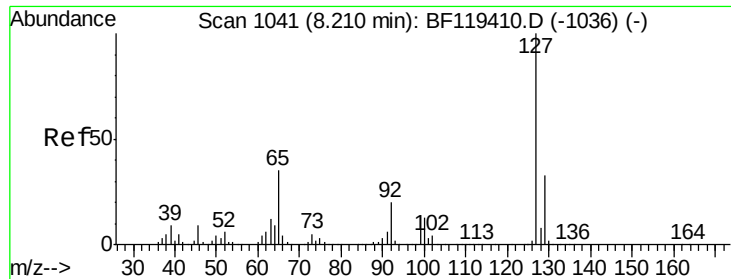


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

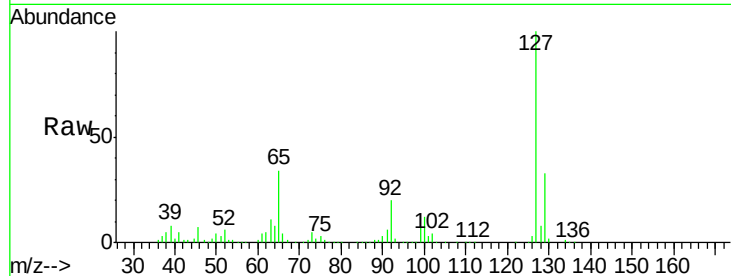




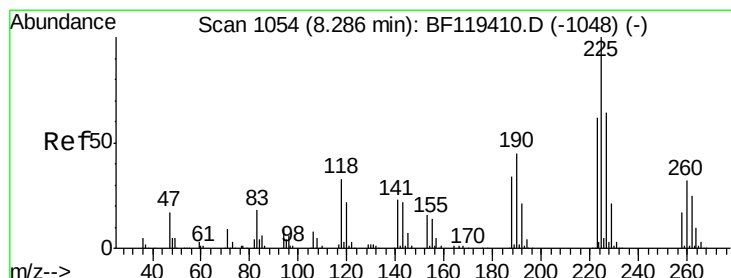
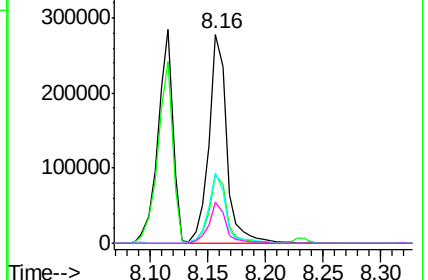
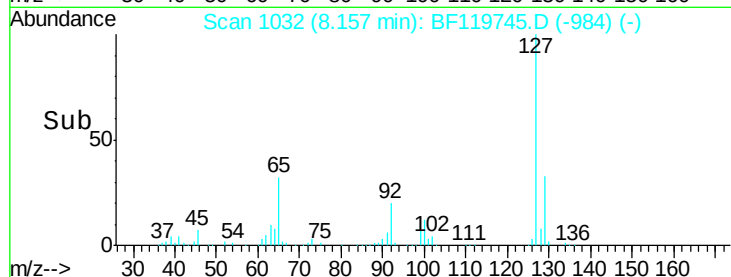
#33
4-Chloroaniline
Concen: 18.33 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:	127	Resp:	298239
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	33.7	27.4	41.0
92	19.9	15.3	22.9

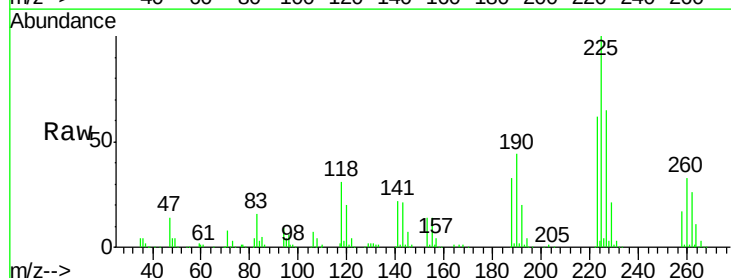


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

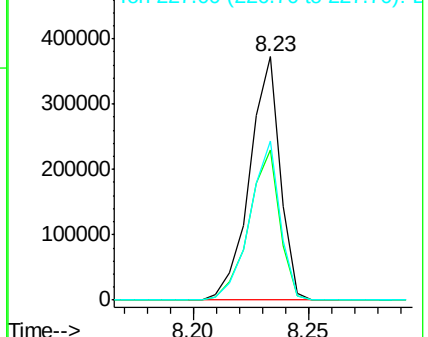
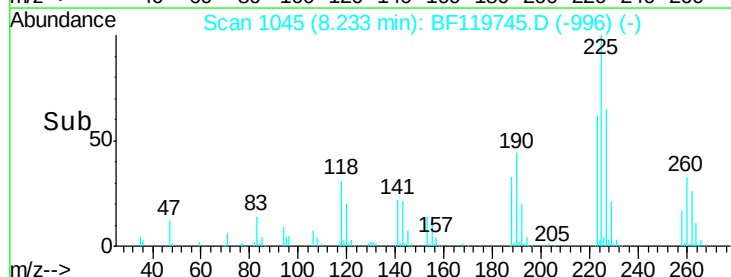


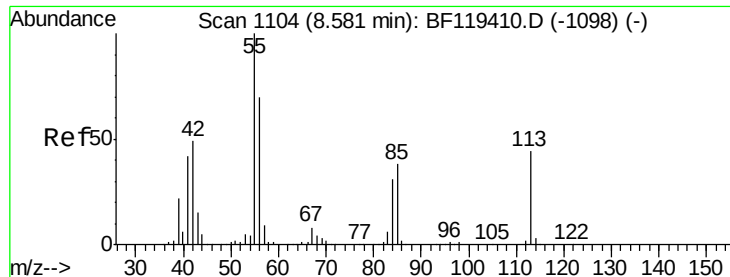
#34
Hexachlorobutadiene
Concen: 54.76 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:	225	Resp:	343930
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	65.2	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

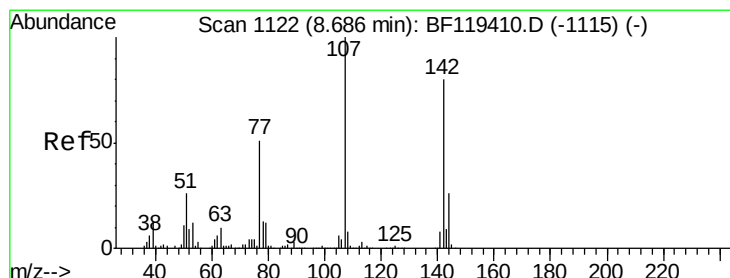
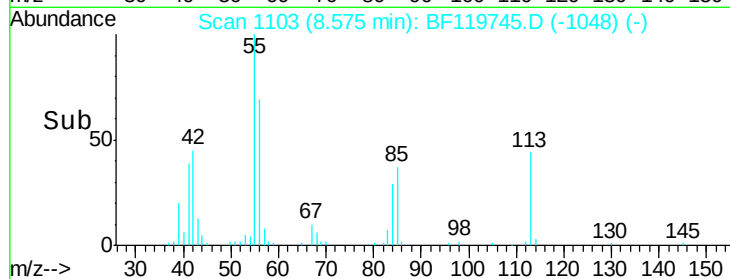
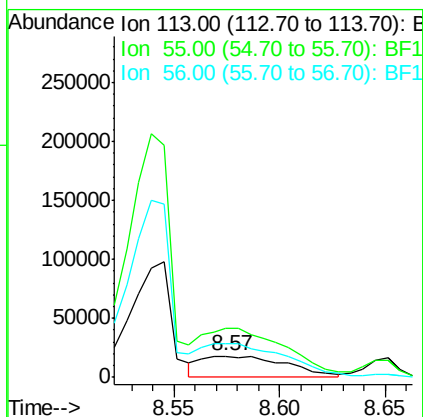
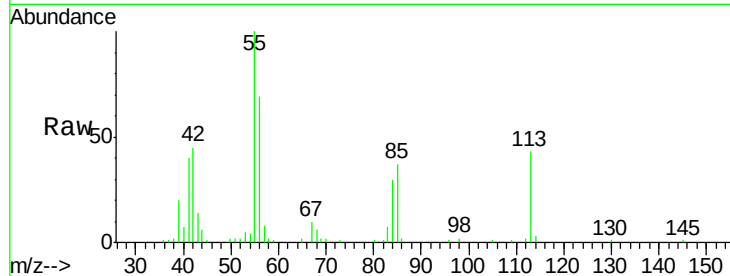




#35
 Caprolactam
 Concen: 15.33 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

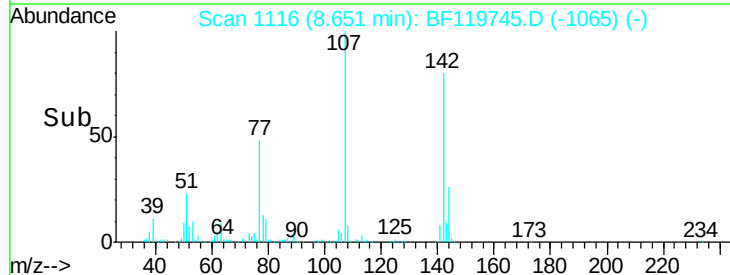
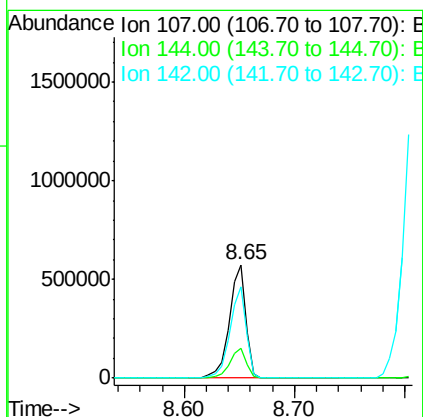
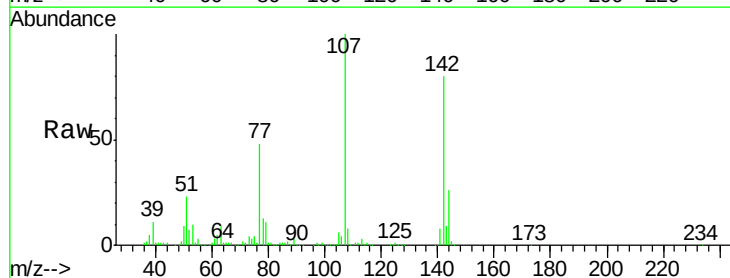
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

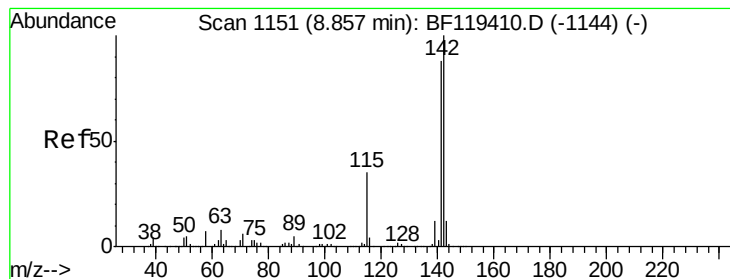
Tgt Ion:113 Resp: 50914
 Ion Ratio Lower Upper
 113 100
 55 230.8 218.4 258.4
 56 159.1 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.93 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:107 Resp: 598262
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.0 31.6
 142 80.1 64.4 96.6





#37

2-Methylnaphthalene

Concen: 55.87 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

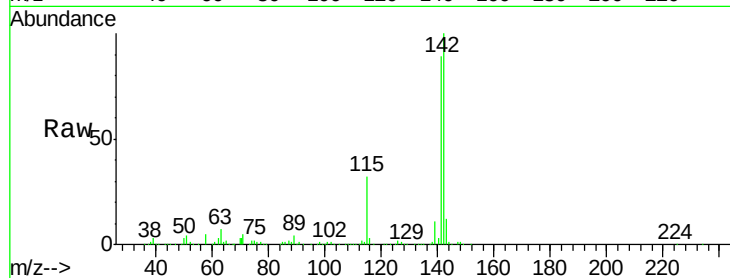
Tgt Ion:142 Resp: 1302063

Ion Ratio Lower Upper

142 100

141 88.9 71.7 107.5

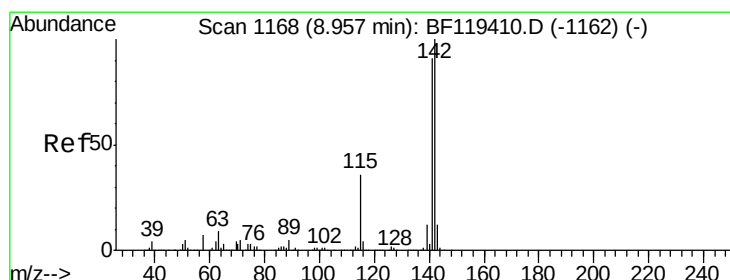
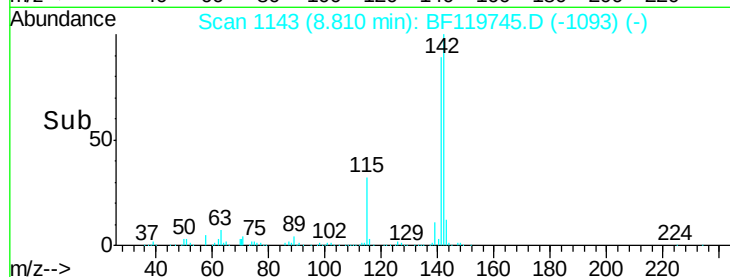
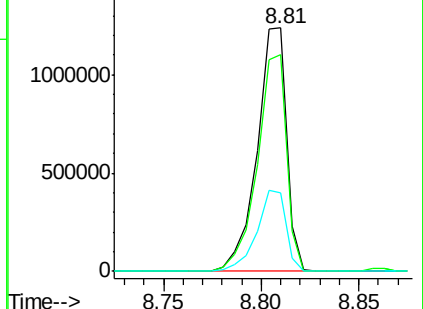
115 32.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 55.16 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

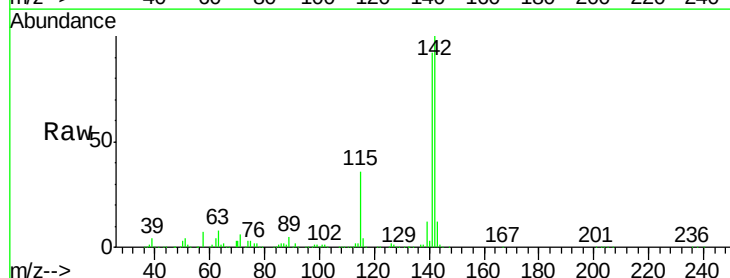
Tgt Ion:142 Resp: 1216768

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5

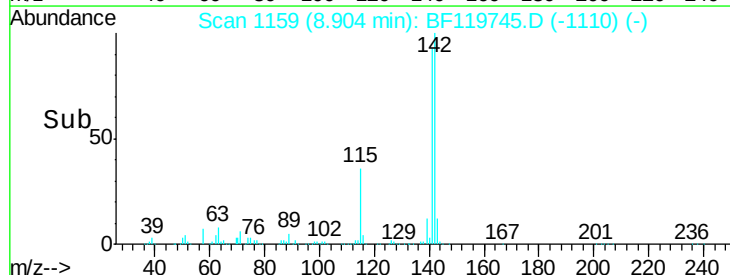
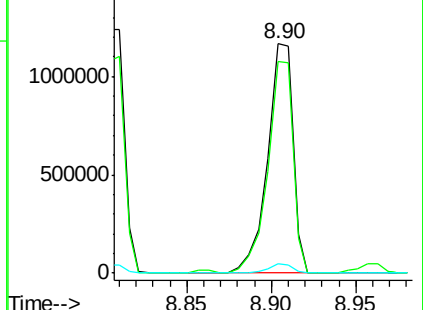
116 3.8 3.0 4.6

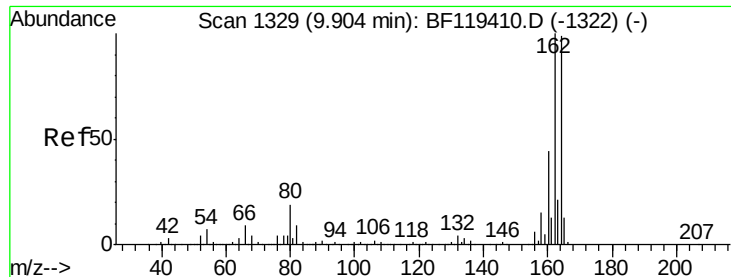


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

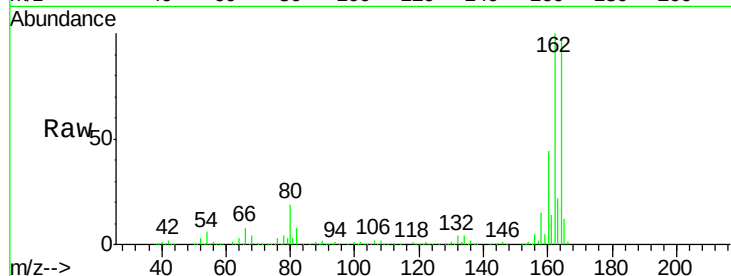
Tgt Ion:164 Resp: 336349

Ion Ratio Lower Upper

164 100

162 103.5 80.6 121.0

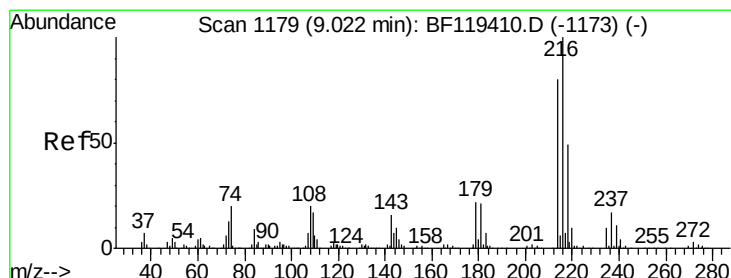
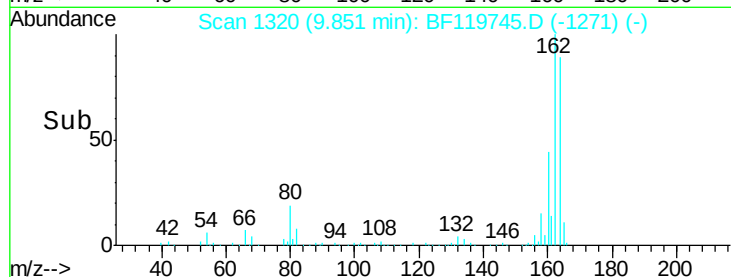
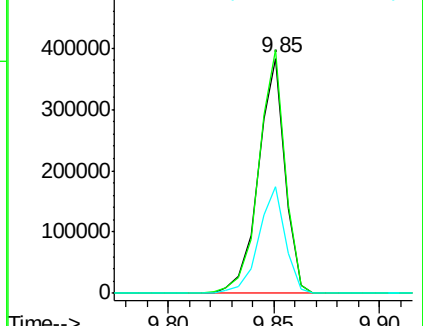
160 45.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.16 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:216 Resp: 563551

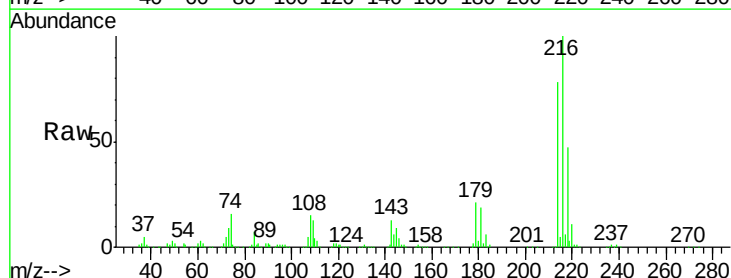
Ion Ratio Lower Upper

216 100

214 79.6 63.2 94.8

179 21.0 17.1 25.7

108 19.0 15.1 22.7

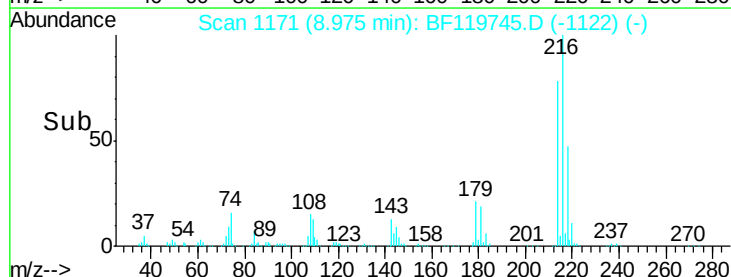
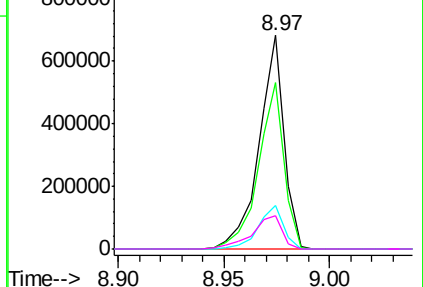


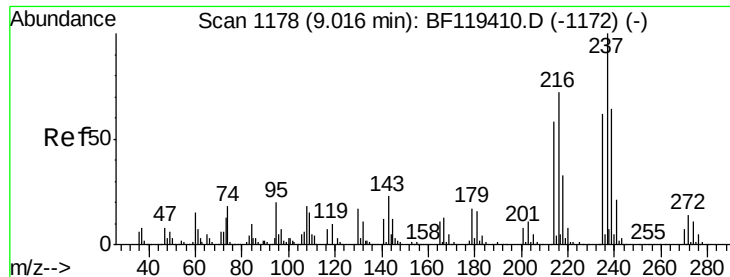
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

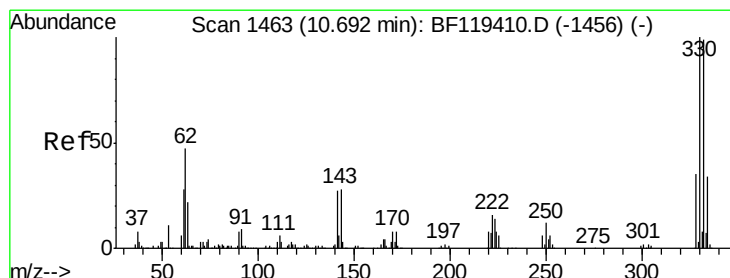
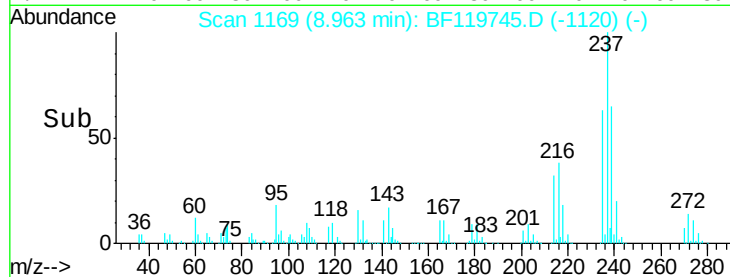
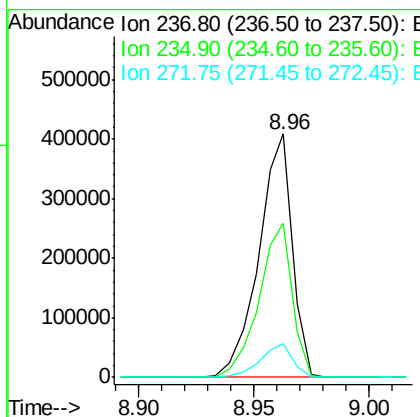
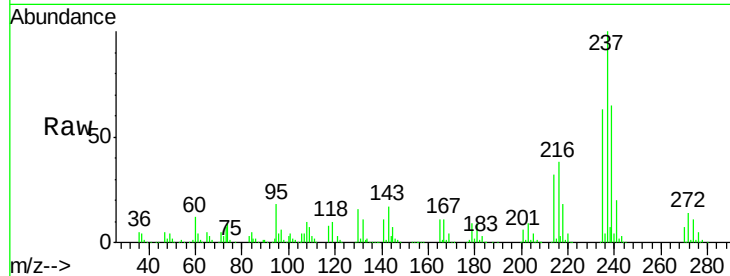




#41
Hexachlorocyclopentadiene
Concen: 73.47 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

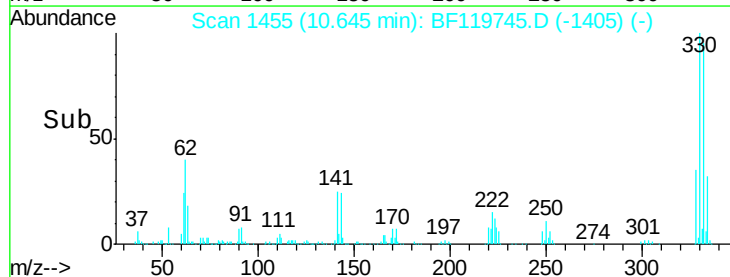
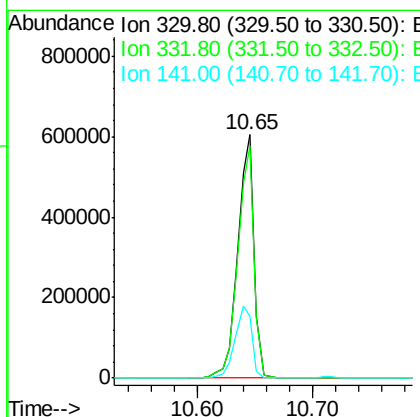
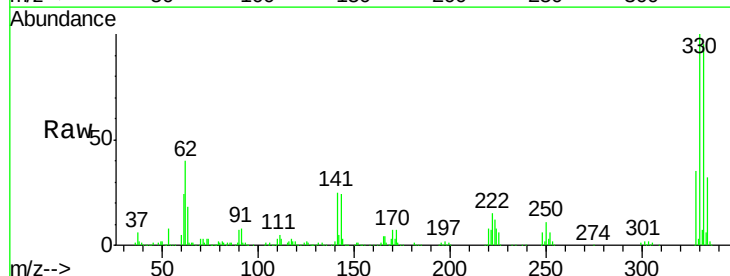
Instrument :
BNA_F
ClientSampleId :
TP-2MS

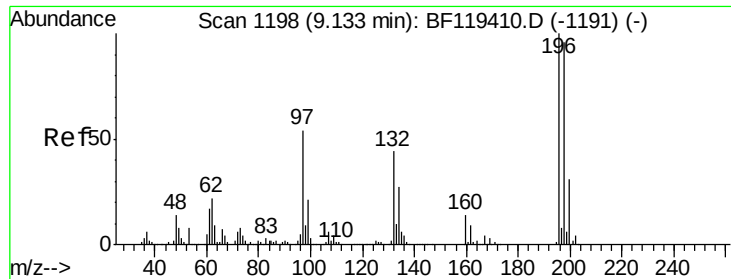
Tgt Ion: 237 Resp: 411786
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 14.1 0.0 34.1



#42
2,4,6-Tribromophenol
Concen: 168.93 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion: 330 Resp: 586196
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 31.1 25.4 38.0

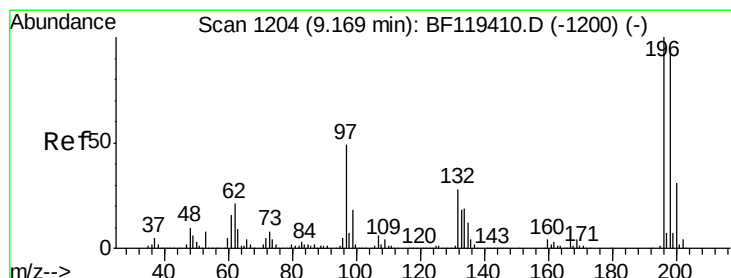
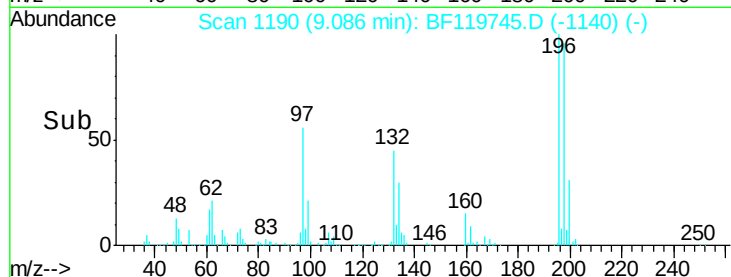
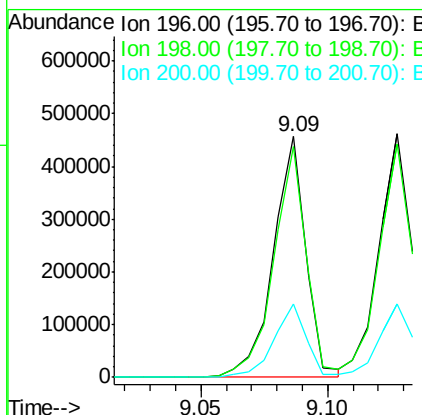
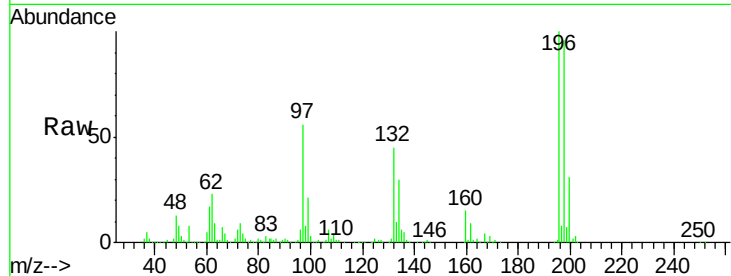




#43
 2,4,6-Trichlorophenol
 Concen: 57.48 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

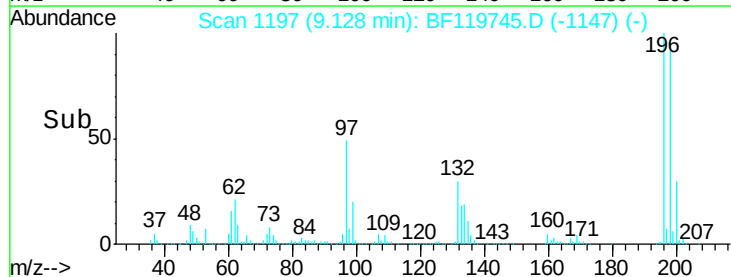
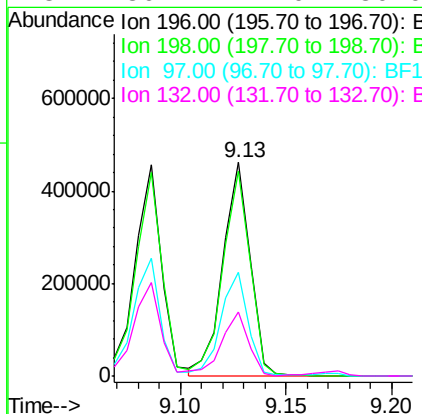
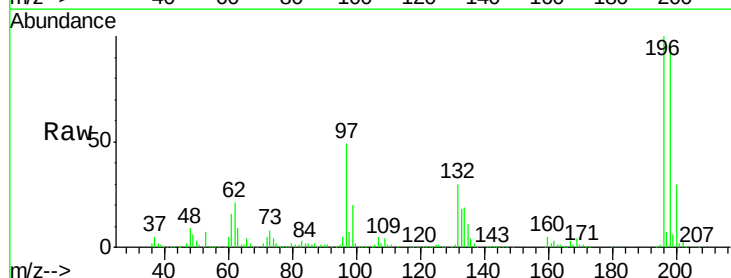
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

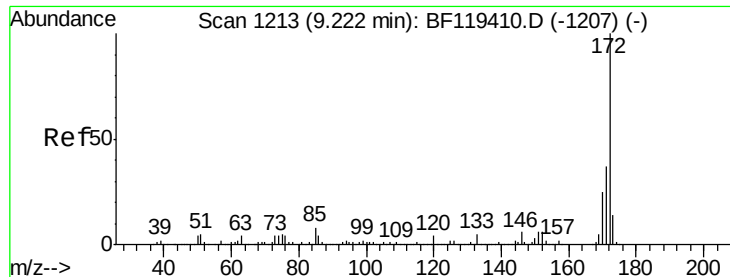
Tgt Ion:196 Resp: 405559
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.6 115.0
 200 30.7 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 51.79 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:196 Resp: 409348
 Ion Ratio Lower Upper
 196 100
 198 96.0 73.8 110.8
 97 48.7 42.6 63.8
 132 30.2 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 112.76 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

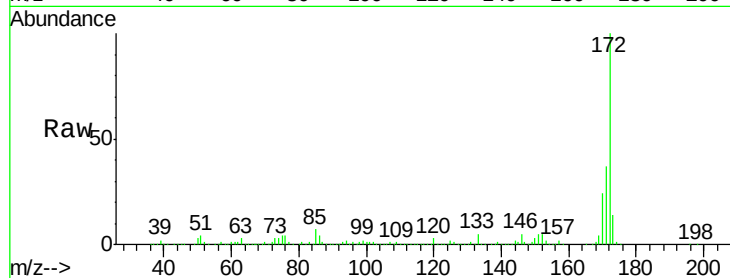
Tgt Ion:172 Resp: 2560141

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

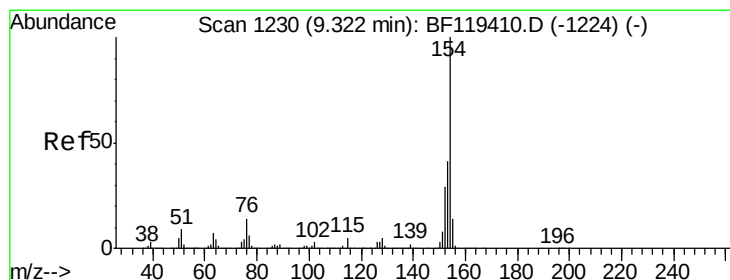
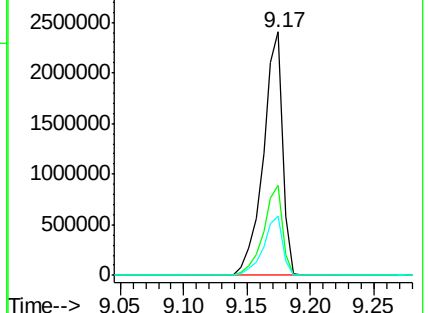
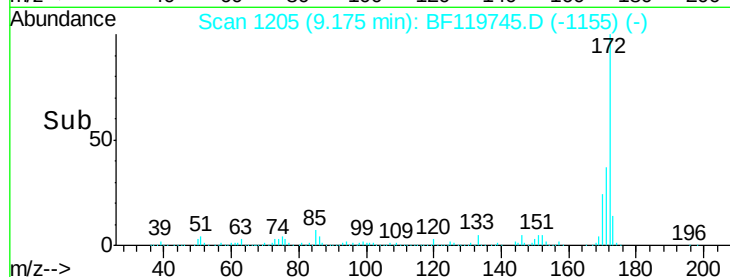
170 24.4 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 55.44 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

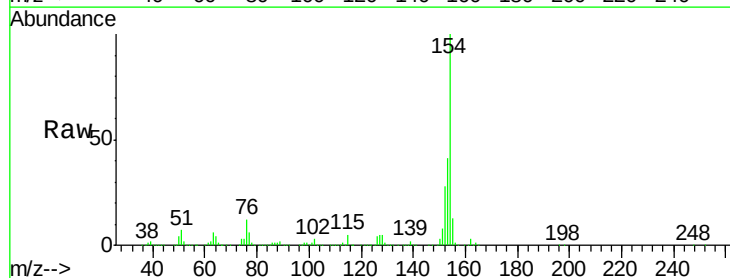
Tgt Ion:154 Resp: 1518687

Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

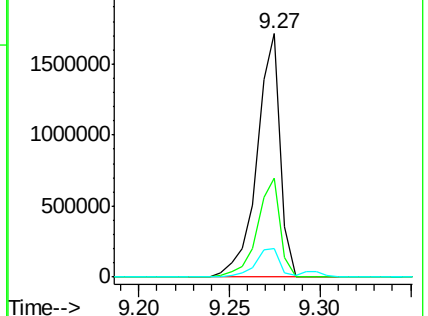
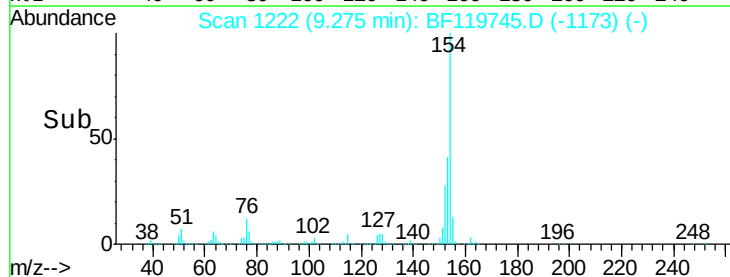
76 11.6 0.0 33.0

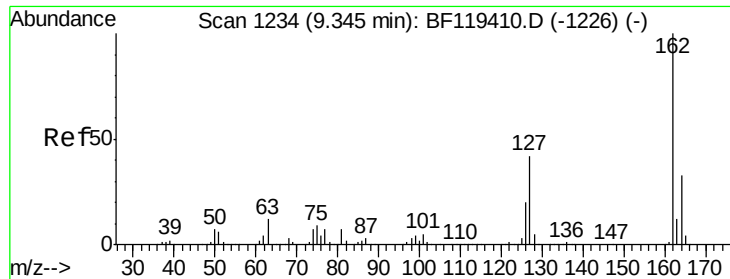


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

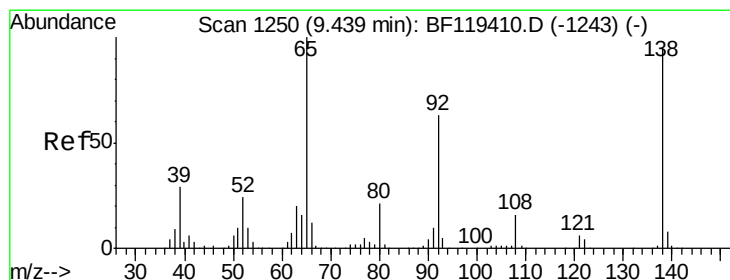
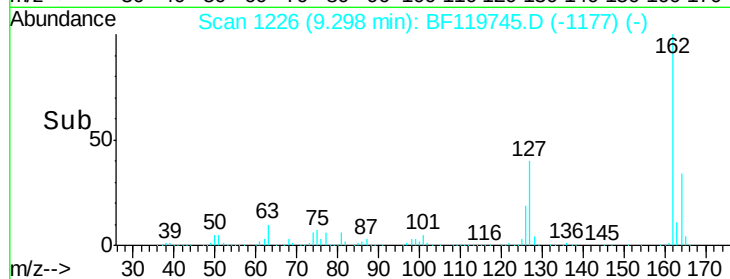
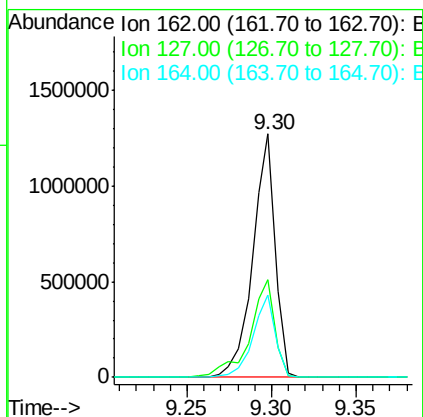
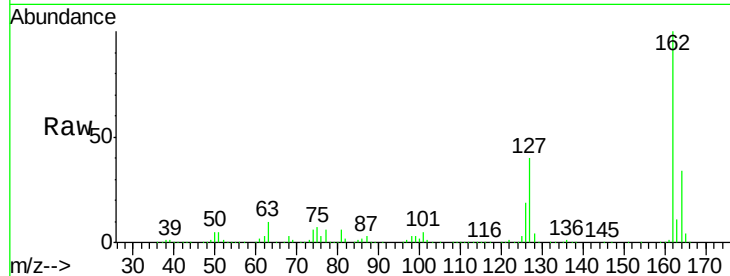




#47
 2-Chloronaphthalene
 Concen: 55.20 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

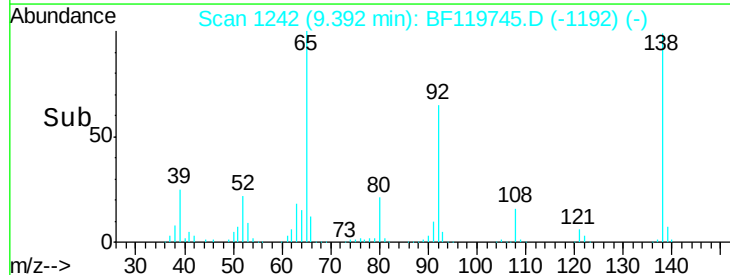
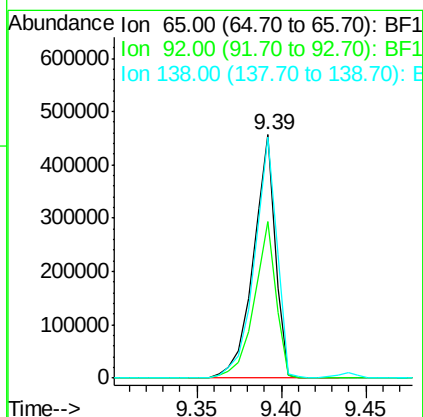
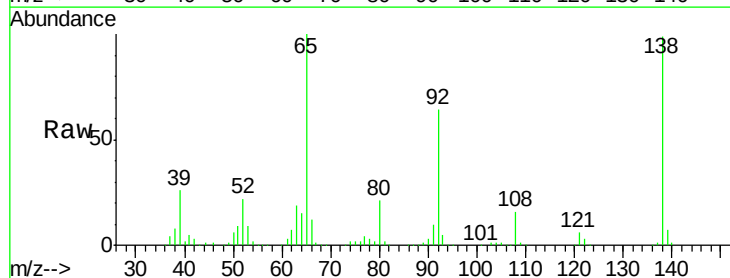
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

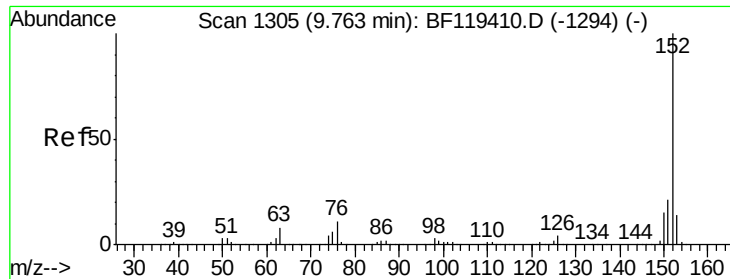
Tgt Ion: 162 Resp: 1184421
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.7 50.5
 164 34.0 26.3 39.5



#48
 2-Nitroaniline
 Concen: 56.31 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 65 Resp: 417050
 Ion Ratio Lower Upper
 65 100
 92 64.4 50.0 75.0
 138 98.9 75.0 112.4





#49

Acenaphthylene

Concen: 54.53 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

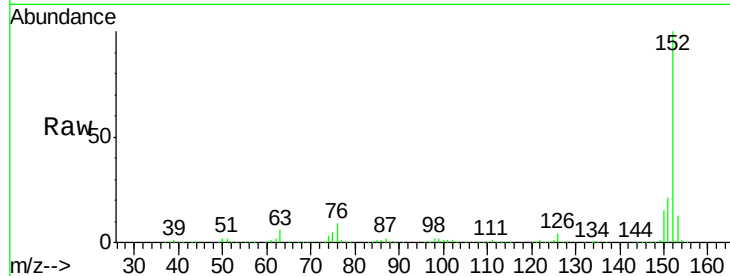
Tgt Ion:152 Resp: 1837521

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

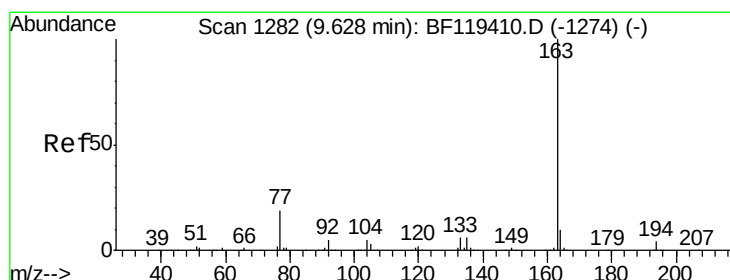
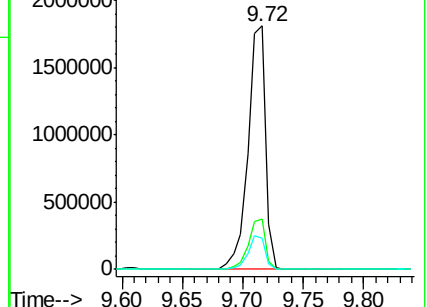
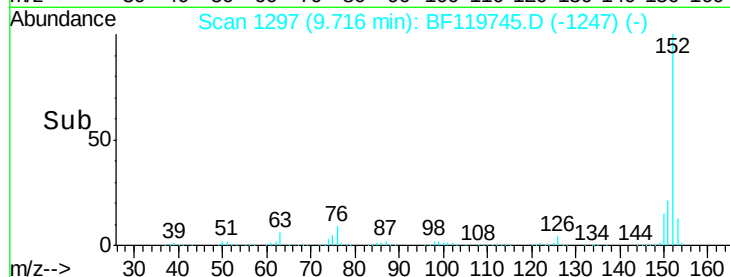
153 12.9 11.2 16.8



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: 67.28 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

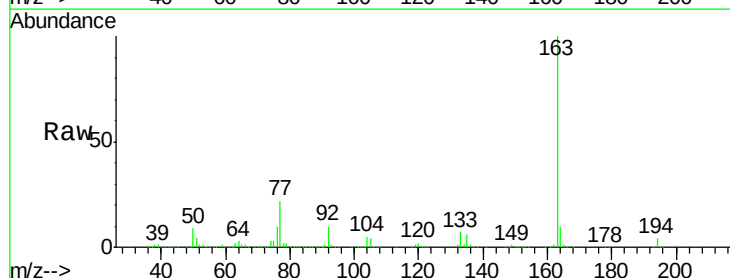
Tgt Ion:163 Resp: 1607503

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

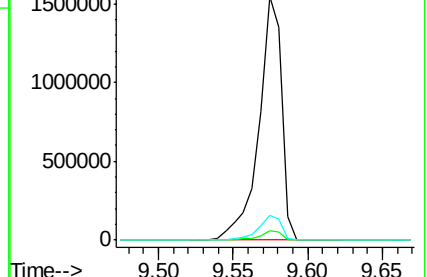
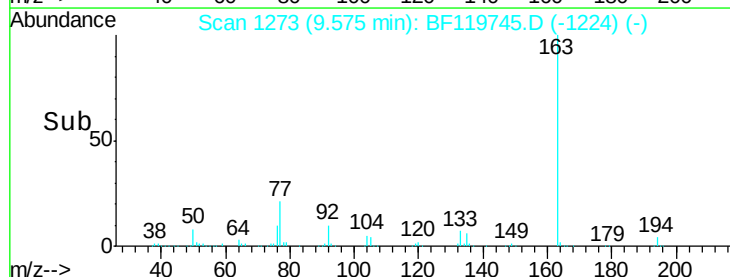
164 10.3 8.2 12.2

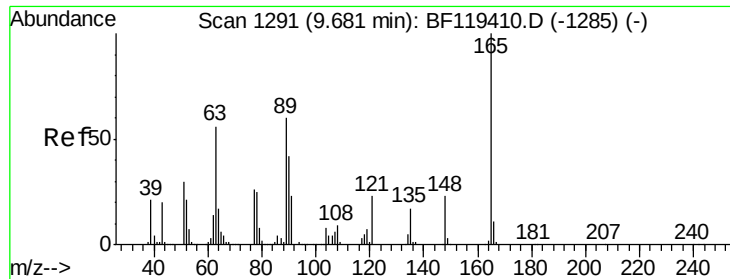


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

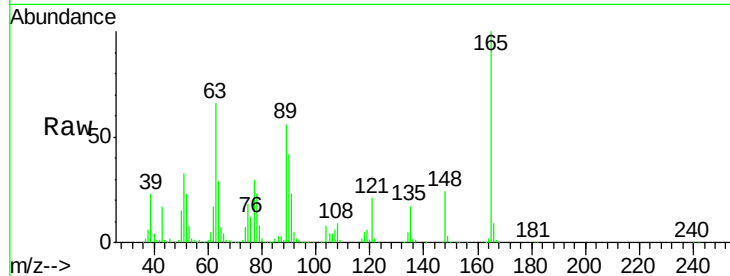




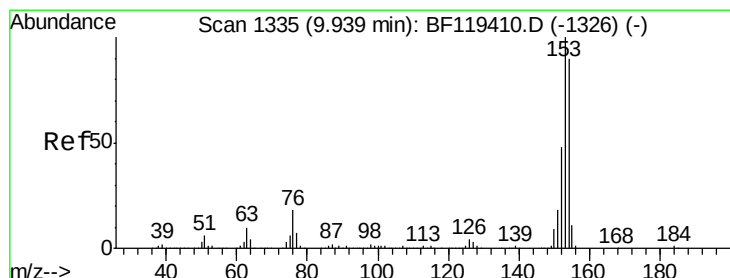
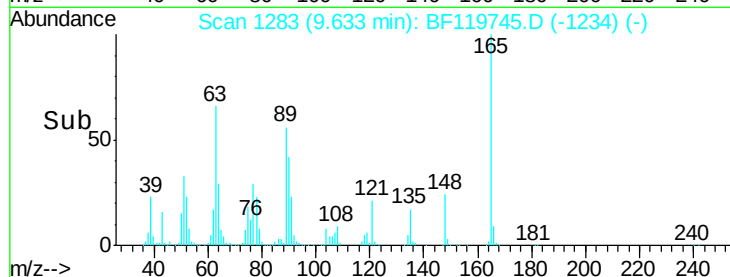
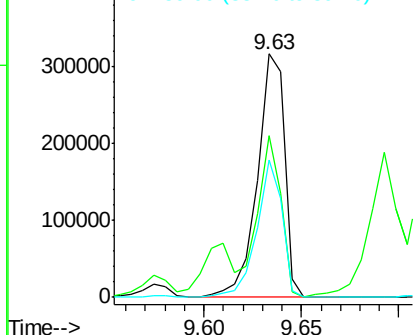
#51
 2,6-Dinitrotoluene
 Concen: 59.91 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tgt Ion:165 Resp: 306818
 Ion Ratio Lower Upper
 165 100
 63 66.3 45.0 67.4
 89 56.3 41.5 62.3

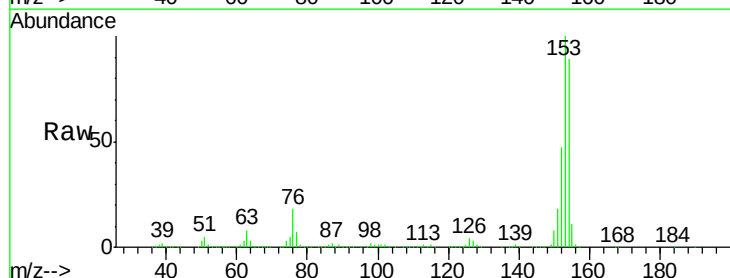


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

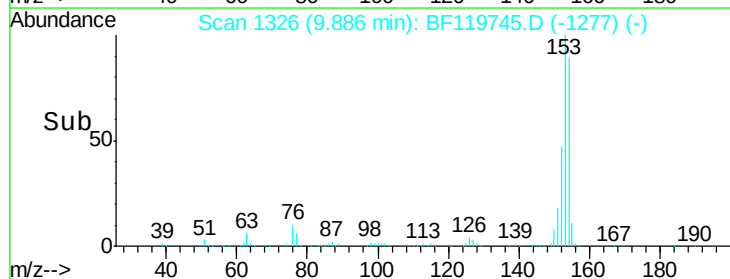
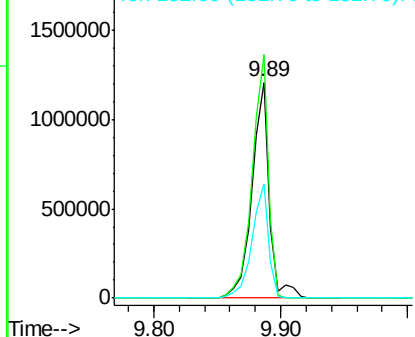


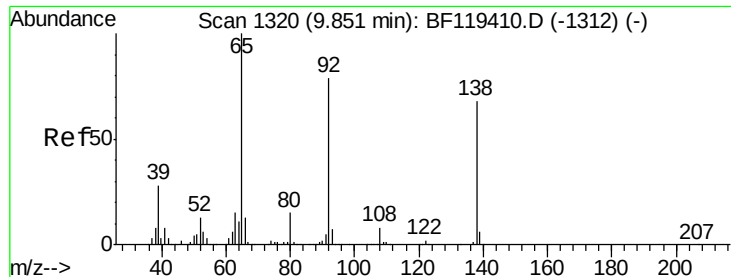
#52
 Acenaphthene
 Concen: 55.30 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:154 Resp: 1161619
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.1 132.1
 152 53.1 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

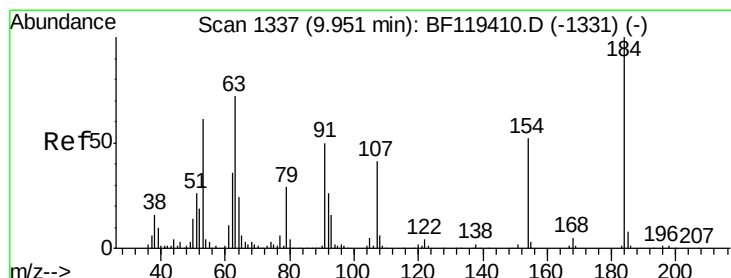
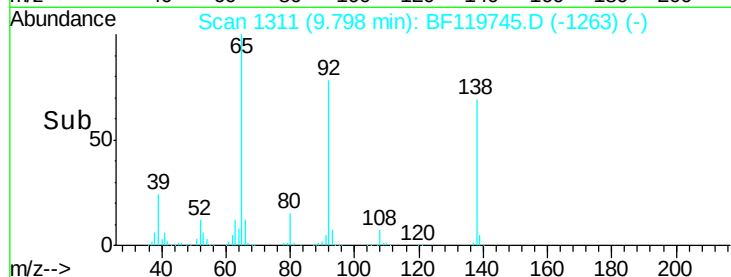
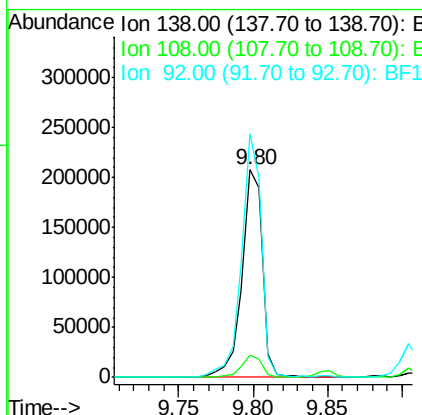
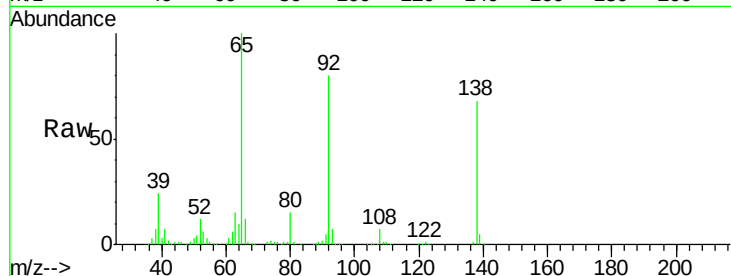




#53
3-Nitroaniline
Concen: 30.41 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

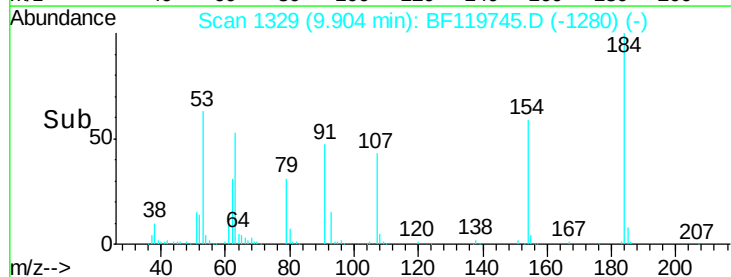
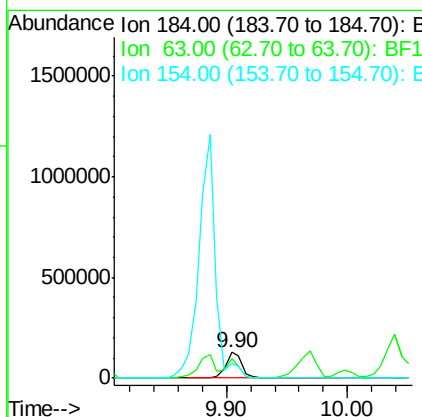
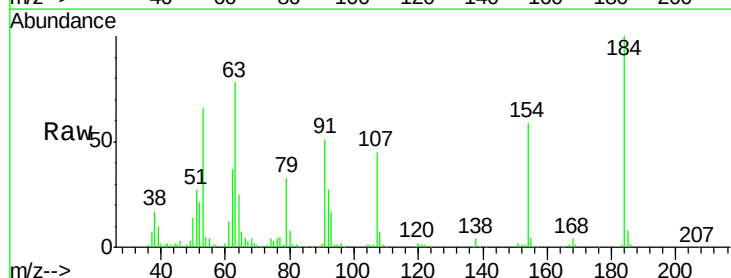
Instrument :
BNA_F
ClientSampleId :
TP-2MS

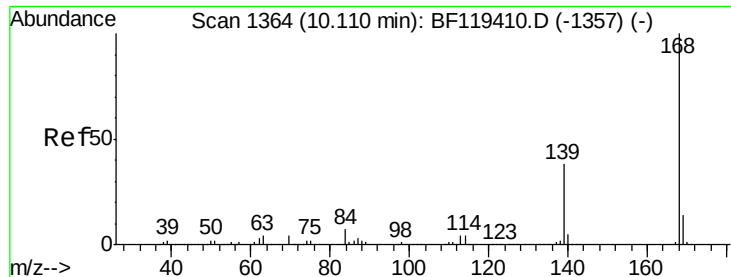
Tgt Ion:138 Resp: 196617
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 117.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 55.97 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:184 Resp: 118694
Ion Ratio Lower Upper
184 100
63 78.0 50.2 75.4#
154 59.2 44.5 66.7

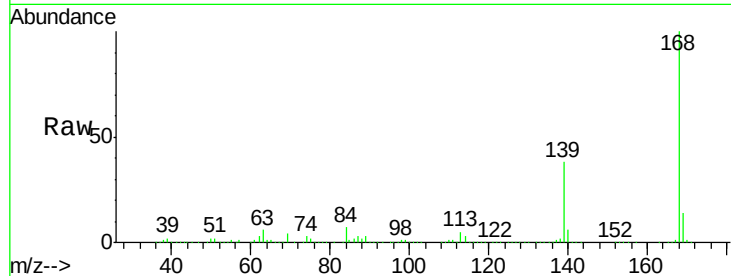




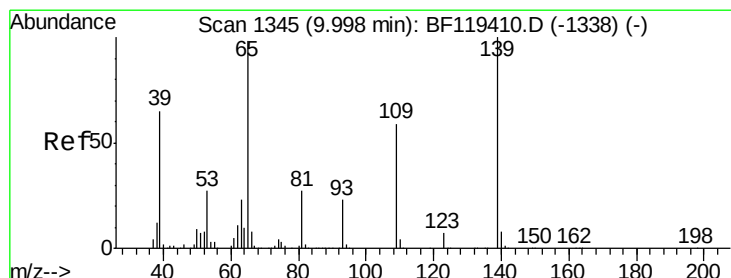
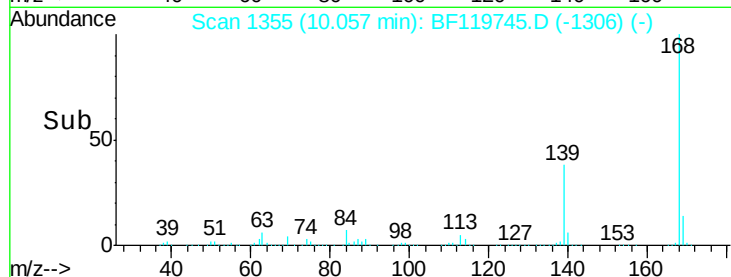
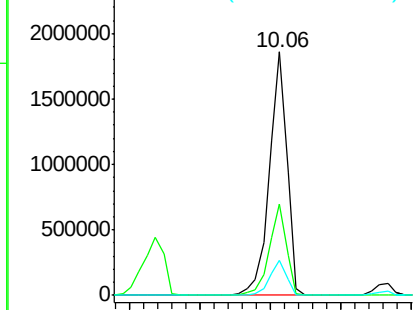
#55
Dibenzenofuran
Concen: 54.31 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:168 Resp: 1635723
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.2 11.0 16.6

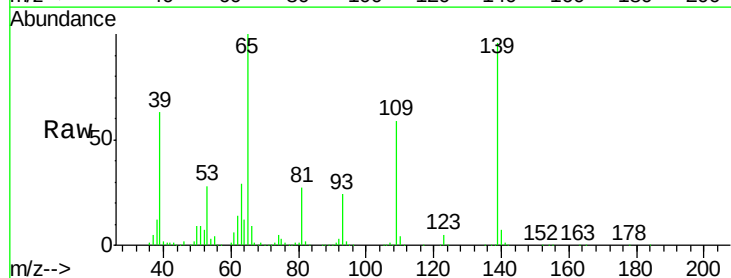


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

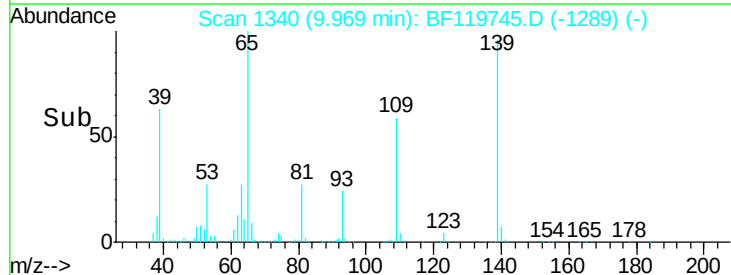
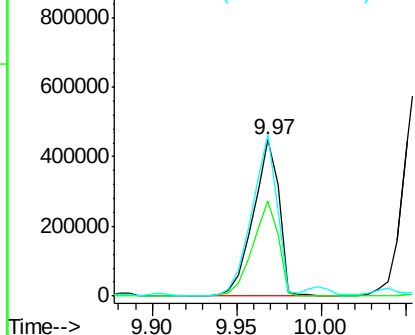


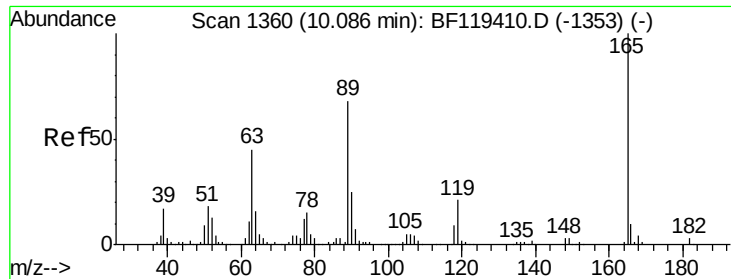
#56
4-Nitrophenol
Concen: 94.46 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:139 Resp: 481732
Ion Ratio Lower Upper
139 100
109 60.8 43.3 83.3
65 103.8 91.0 131.0



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

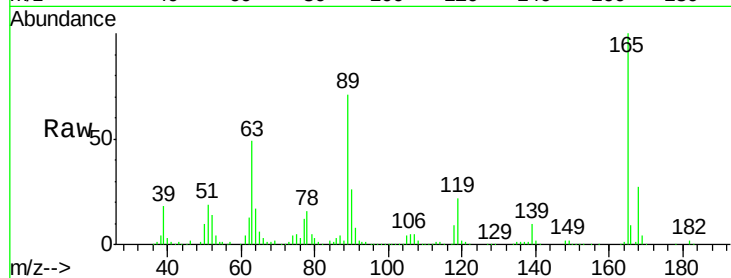




#57
2,4-Dinitrotoluene
Concen: 60.75 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:	165	Resp:	391896
Ion	Ratio	Lower	Upper
165	100		
63	49.5	42.6	64.0
89	71.3	61.0	91.4
182	2.5	2.2	3.2

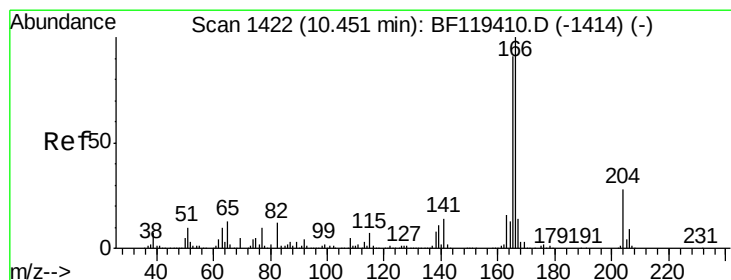
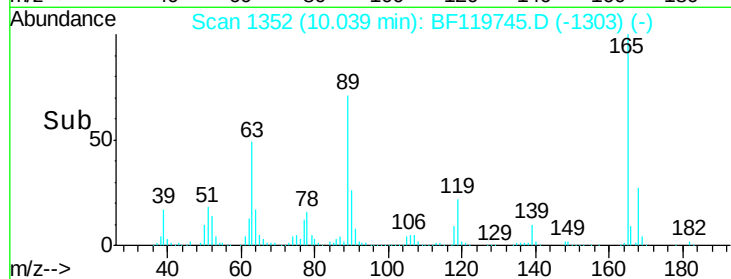
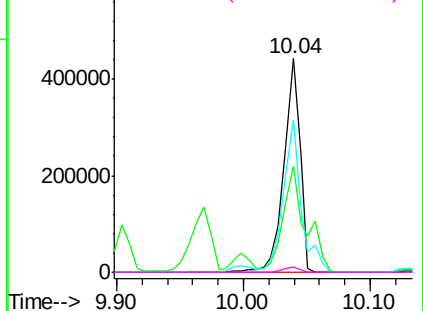


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

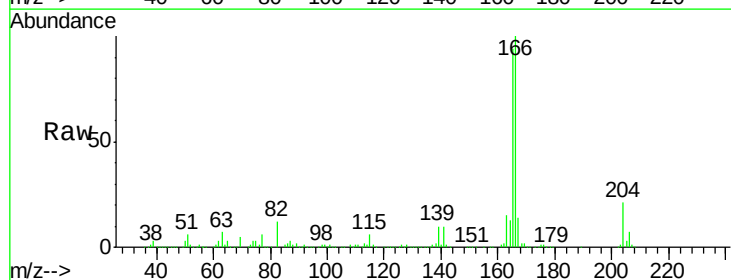
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 56.10 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

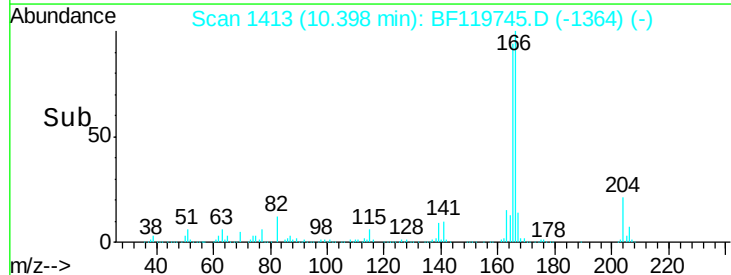
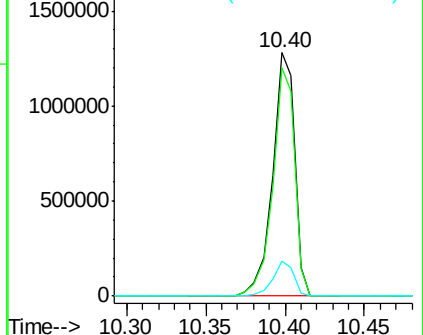
Tgt Ion:	166	Resp:	1249423
Ion	Ratio	Lower	Upper
166	100		
165	93.6	75.4	113.2
167	14.3	11.2	16.8

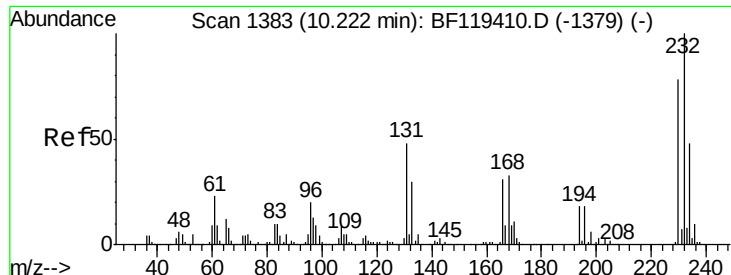


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

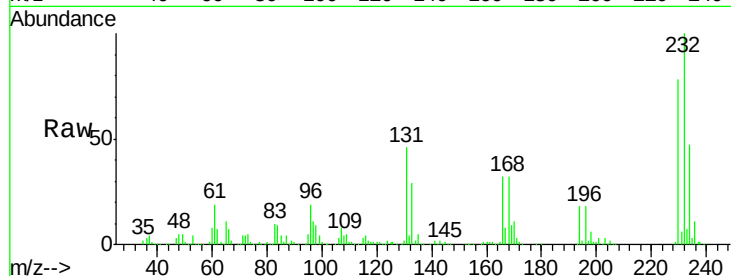




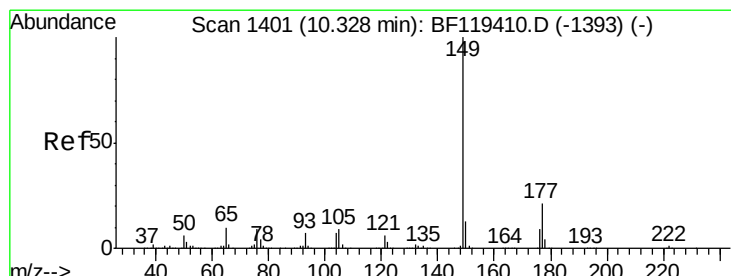
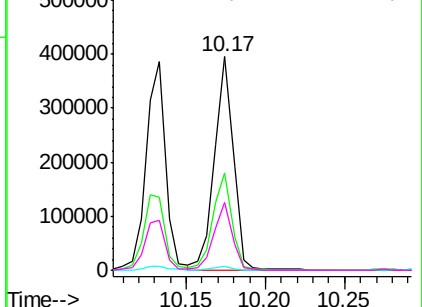
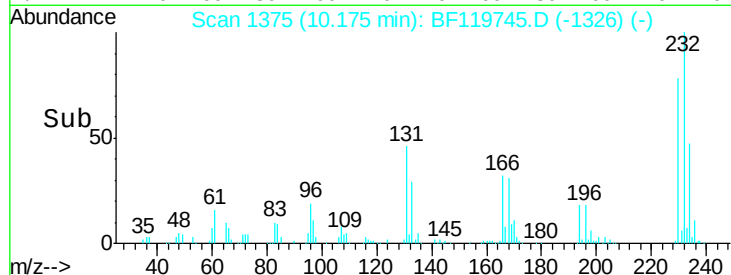
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.60 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tgt Ion: 232 Resp: 328455
 Ion Ratio Lower Upper
 232 100
 131 45.1 37.5 56.3
 130 2.1 1.8 2.6
 166 30.8 24.6 36.8

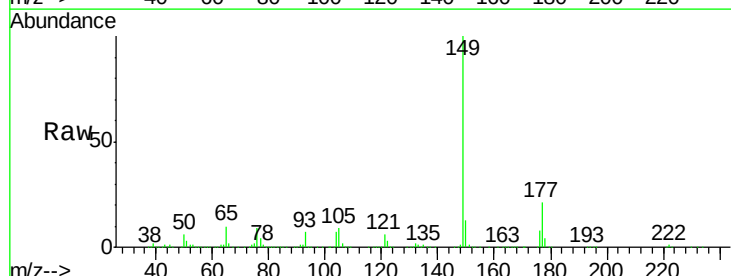


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

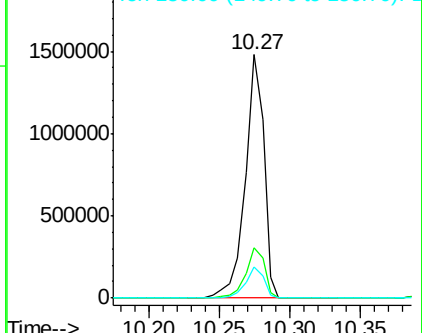
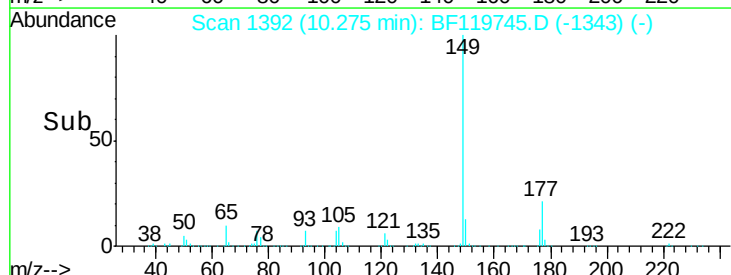


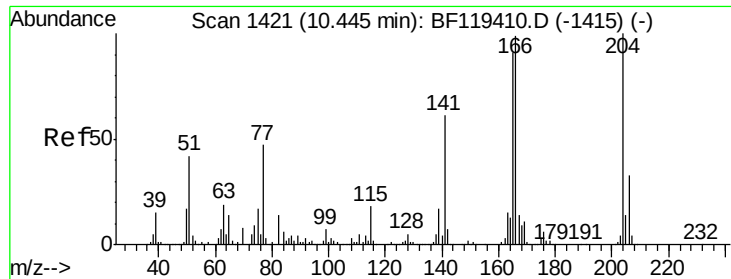
#60
 Diethylphthalate
 Concen: 56.32 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 149 Resp: 1365651
 Ion Ratio Lower Upper
 149 100
 177 20.9 17.0 25.6
 150 12.9 10.1 15.1



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

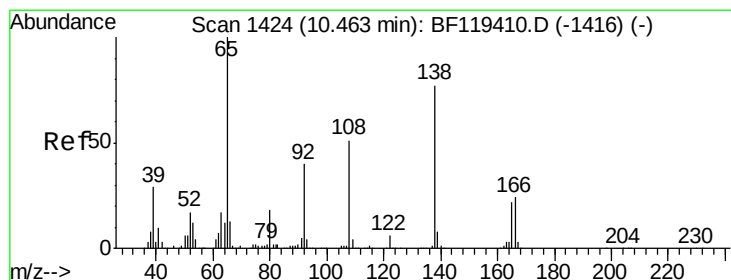
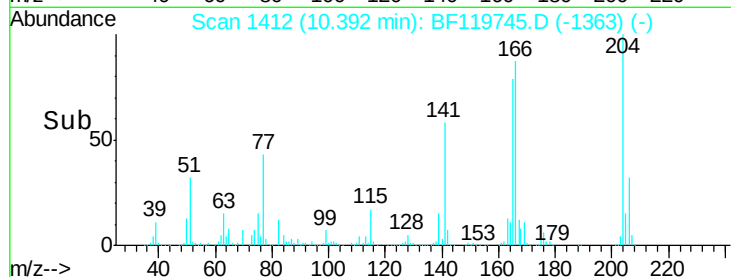
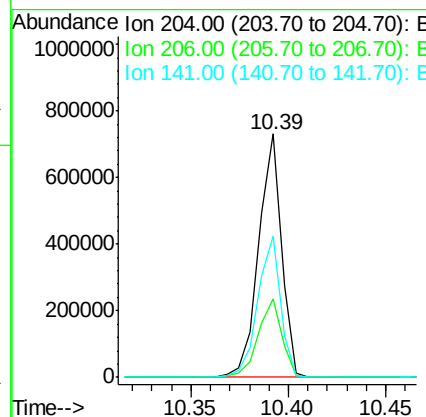
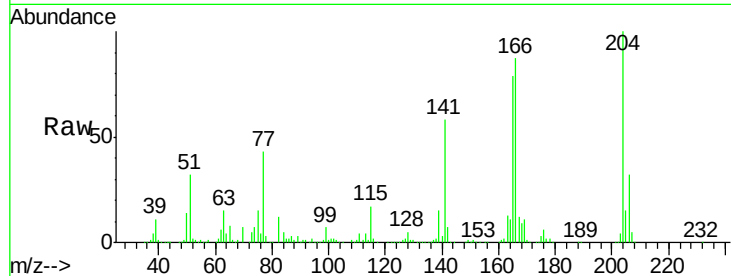




#61
 4-Chlorophenyl-phenylether
 Concen: 54.75 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

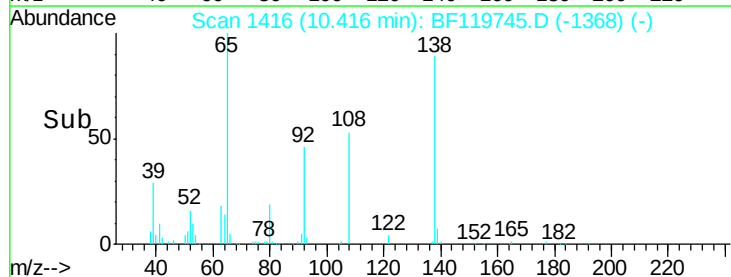
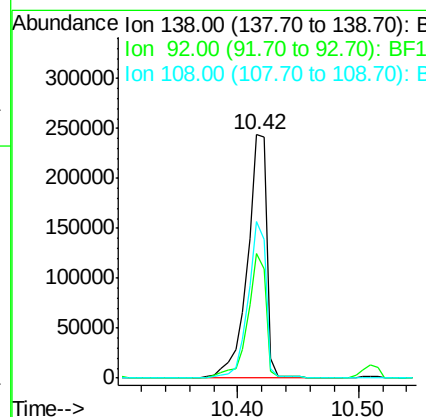
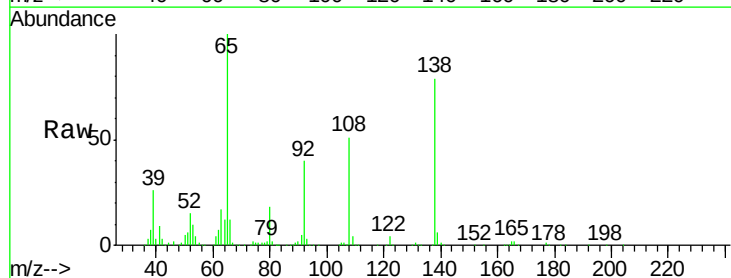
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

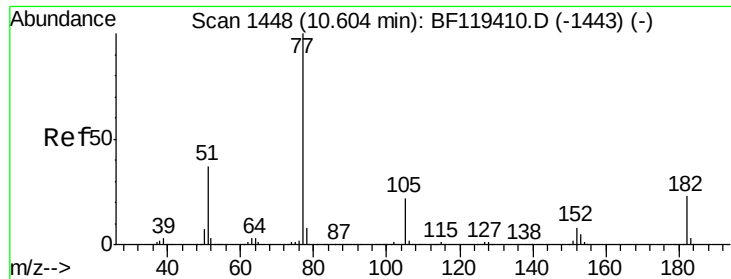
Tgt Ion: 204 Resp: 596303
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.7 40.1
 141 58.1 47.3 70.9



#62
 4-Nitroaniline
 Concen: 44.40 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 138 Resp: 275278
 Ion Ratio Lower Upper
 138 100
 92 51.3 31.5 71.5
 108 64.3 45.8 85.8

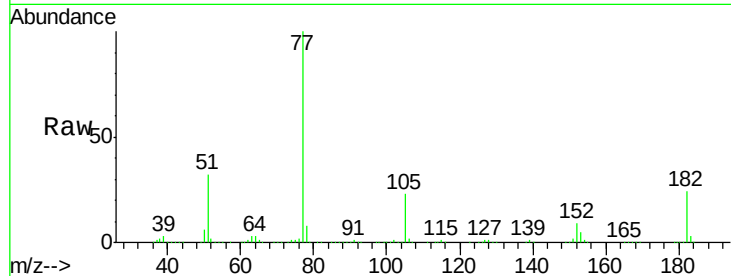




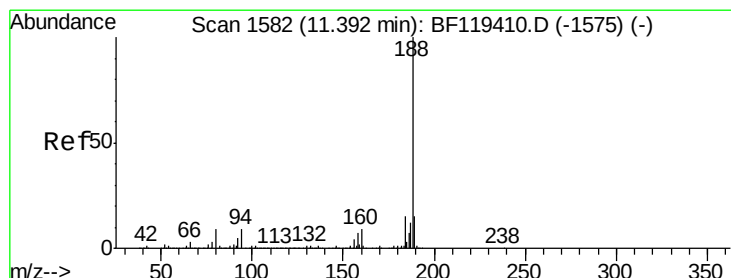
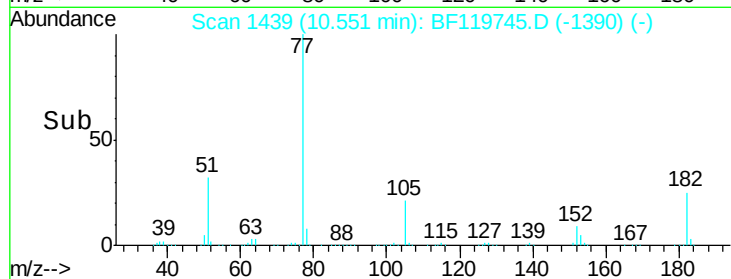
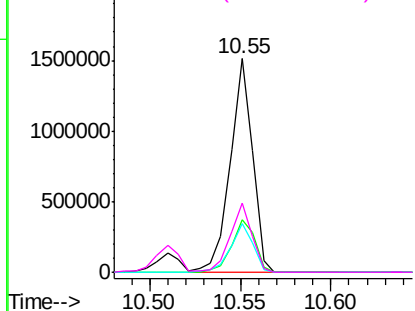
#63
Azobenzene
Concen: 53.04 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 77 Resp: 1295024
Ion Ratio Lower Upper
77 100
182 24.5 4.4 44.4
105 22.9 2.6 42.6
51 32.1 15.1 55.1

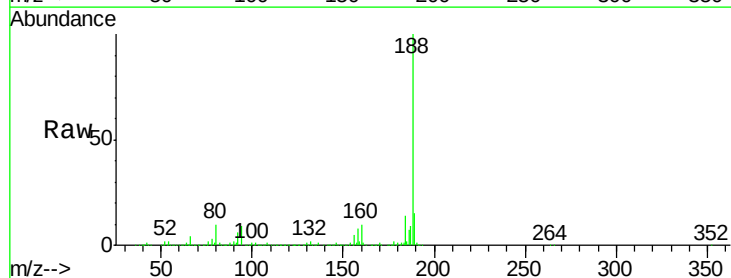


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

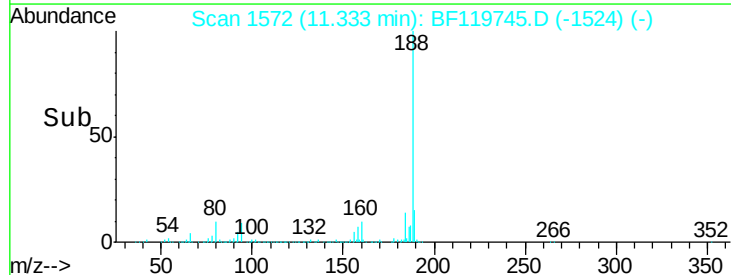
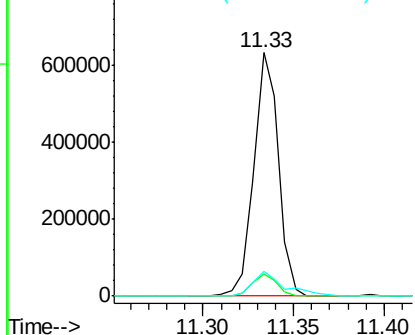


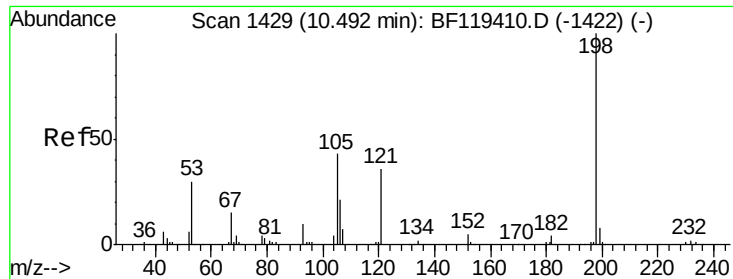
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion: 188 Resp: 595790
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.4 9.0 13.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.13 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

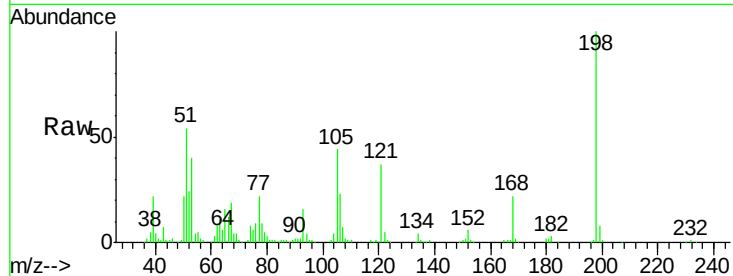
BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:198 Resp: 95250

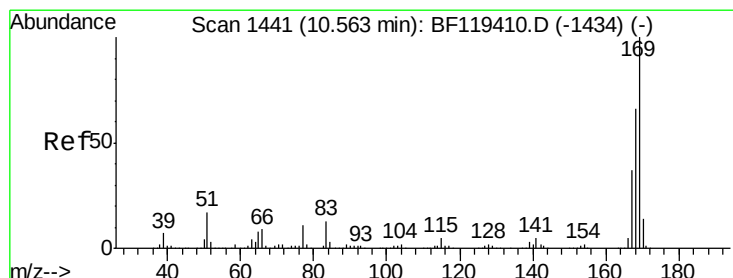
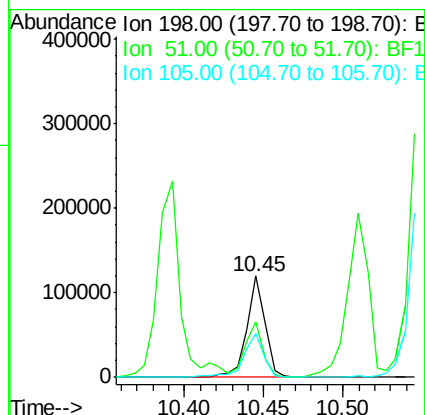
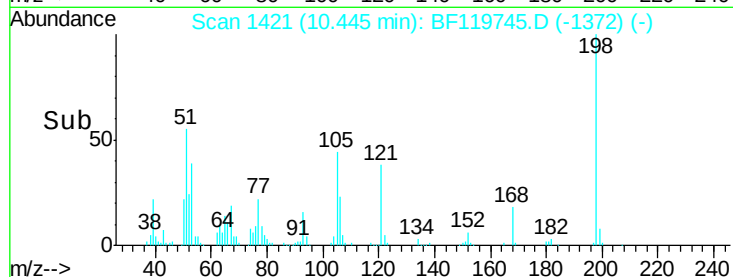
Ion	Ratio	Lower	Upper
198	100		
51	54.2	29.0	69.0
105	43.7	22.2	62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.40 ng

RT: 10.51 min Scan# 1432

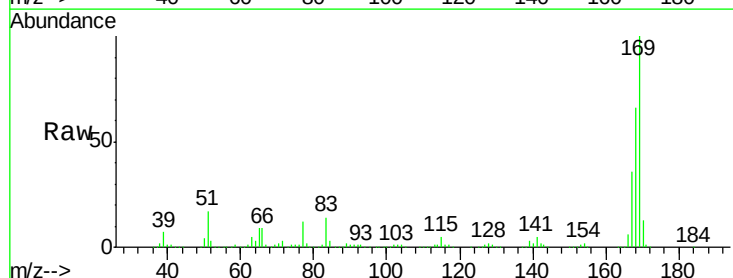
Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:169 Resp: 1142305

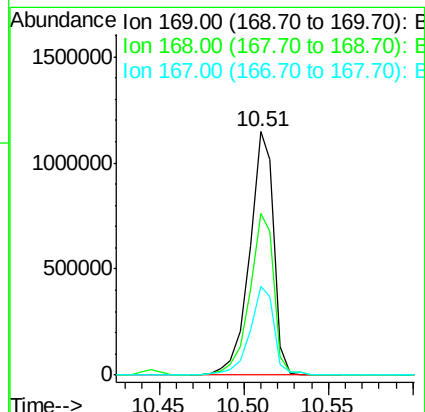
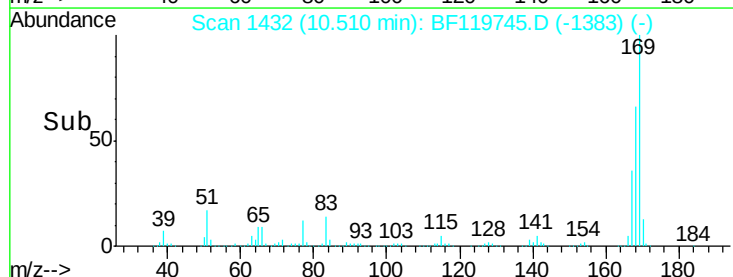
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.4	29.1	43.7

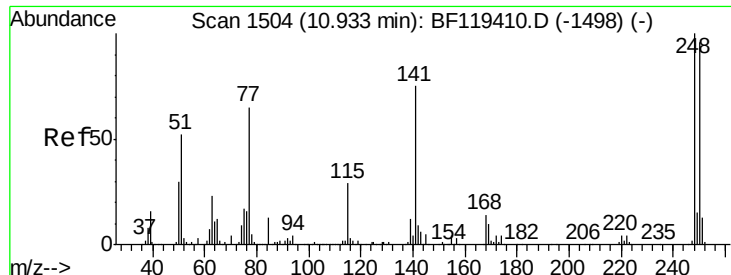


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

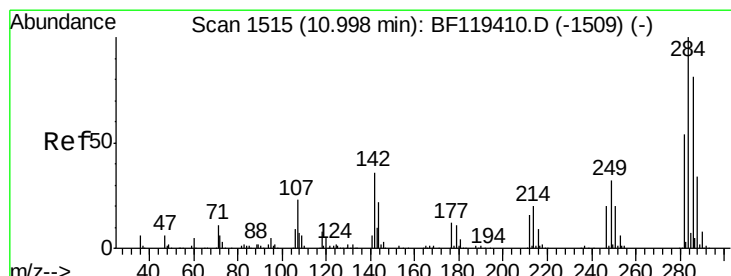
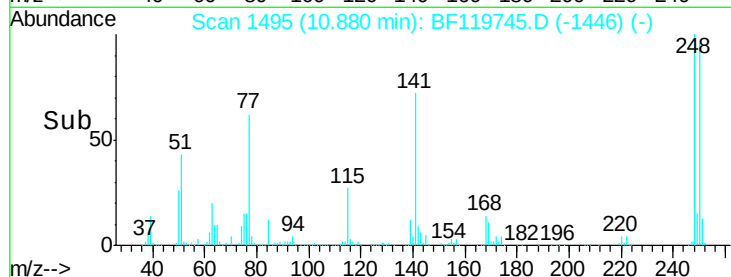
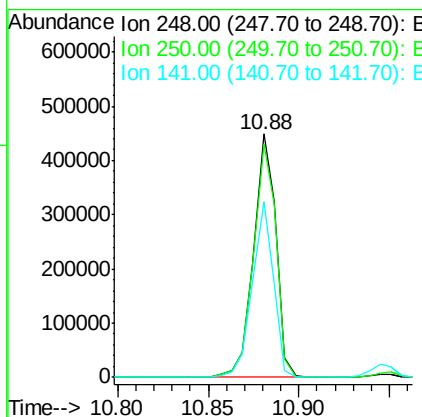
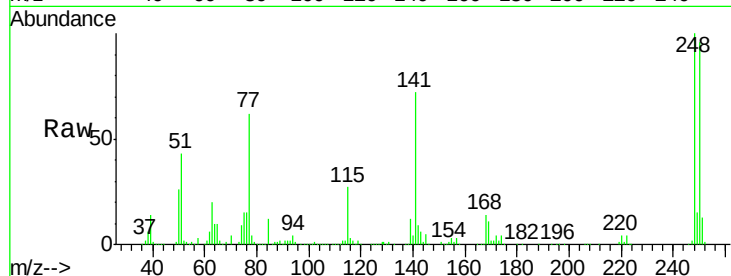




#67
 4-Bromophenyl-phenylether
 Concen: 56.54 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

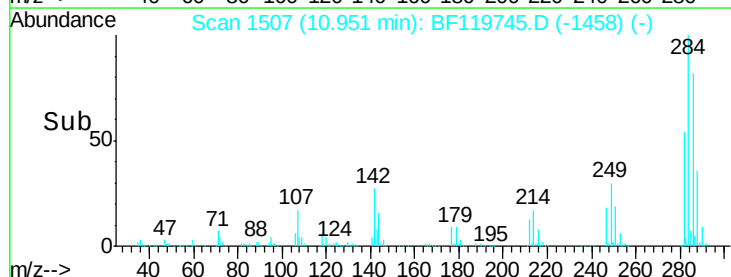
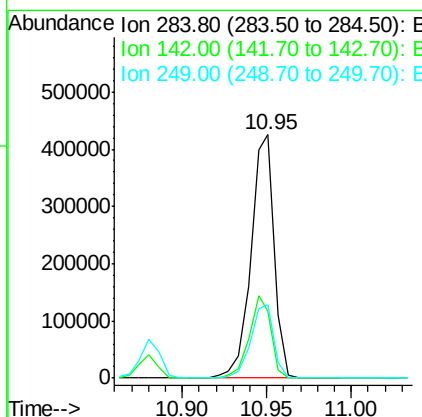
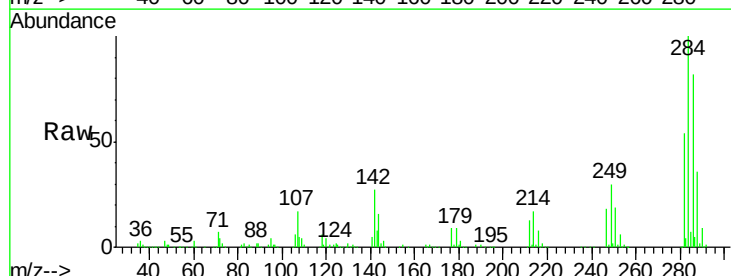
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

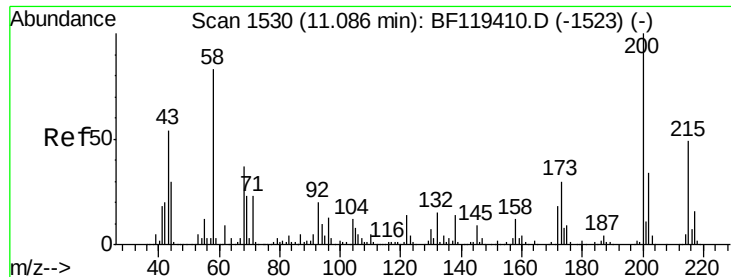
Tgt Ion:248 Resp: 383663
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.3 115.9
 141 72.3 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 58.64 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:284 Resp: 407227
 Ion Ratio Lower Upper
 284 100
 142 27.4 29.2 43.8#
 249 30.1 25.1 37.7





#69

Atrazine

Concen: 61.63 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

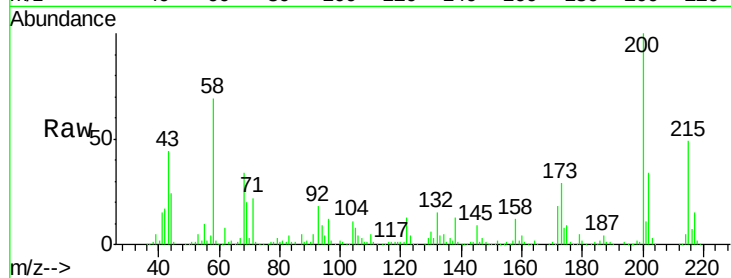
Tgt Ion:200 Resp: 330446

Ion Ratio Lower Upper

200 100

173 29.3 9.3 49.3

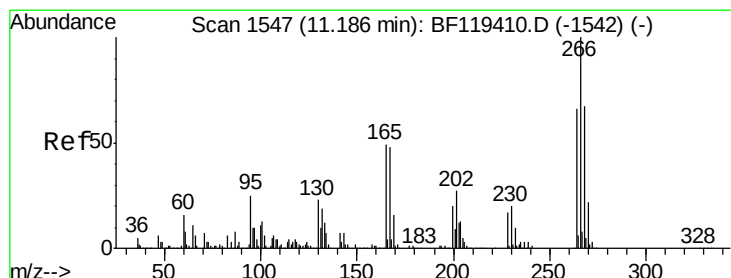
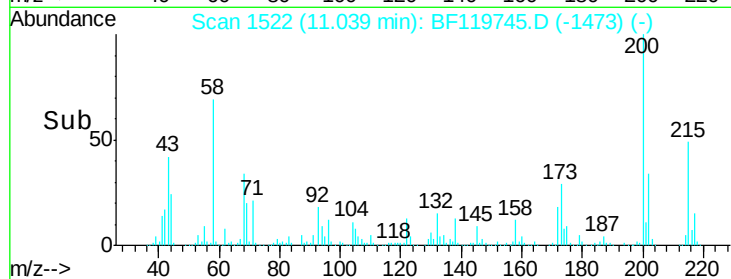
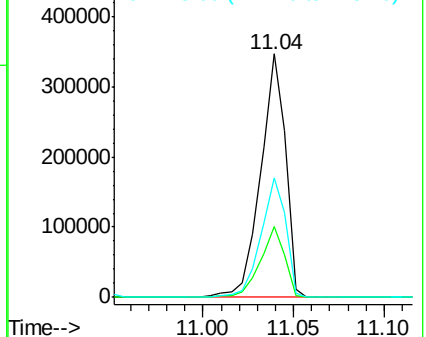
215 49.1 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.38 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

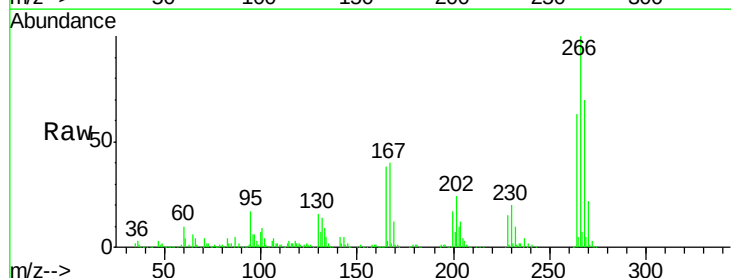
Tgt Ion:266 Resp: 400603

Ion Ratio Lower Upper

266 100

268 70.5 53.3 79.9

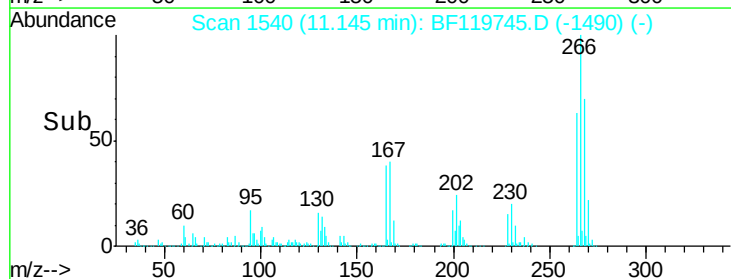
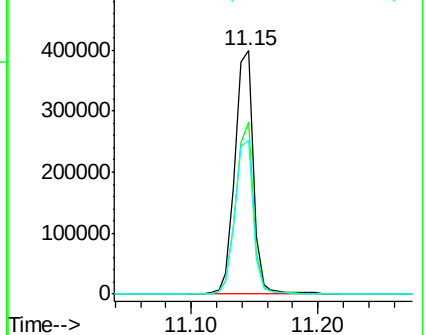
264 63.1 49.0 73.4

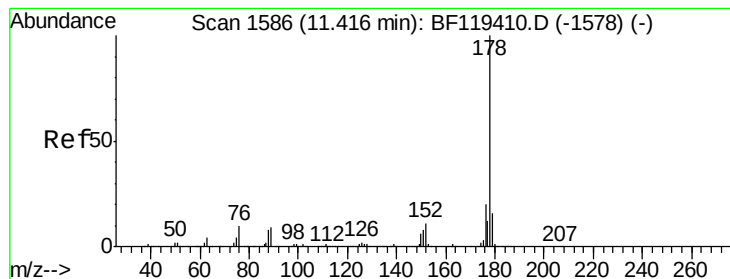


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.50 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampled :

TP-2MS

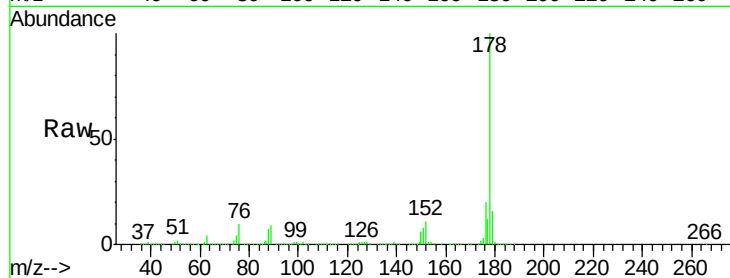
Tgt Ion:178 Resp: 1776233

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

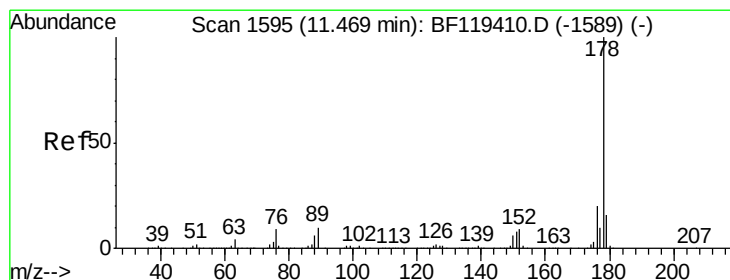
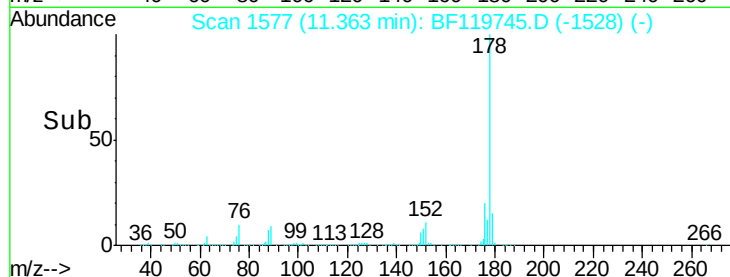
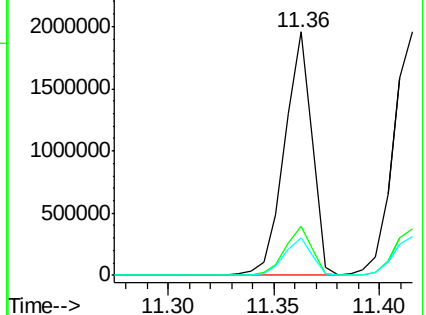
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.69 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

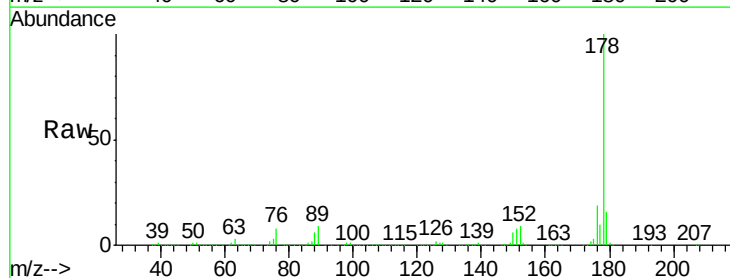
Tgt Ion:178 Resp: 1748588

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

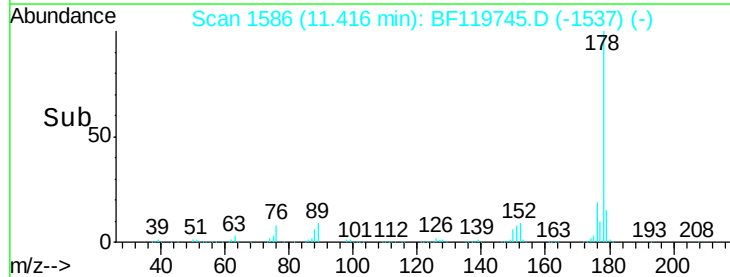
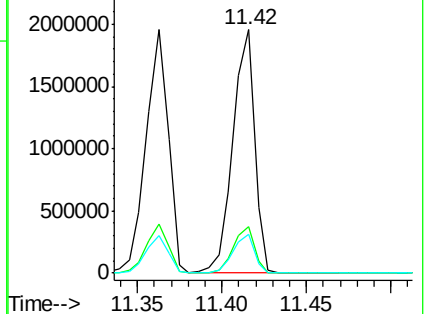
179 15.7 13.0 19.4

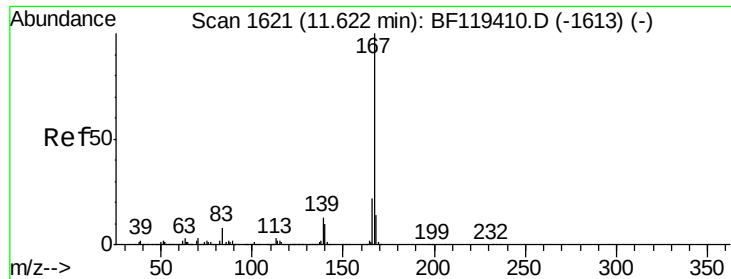


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

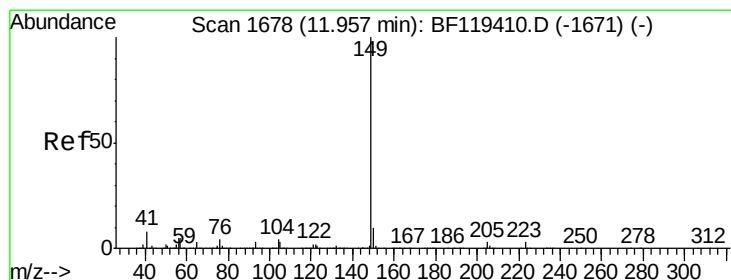
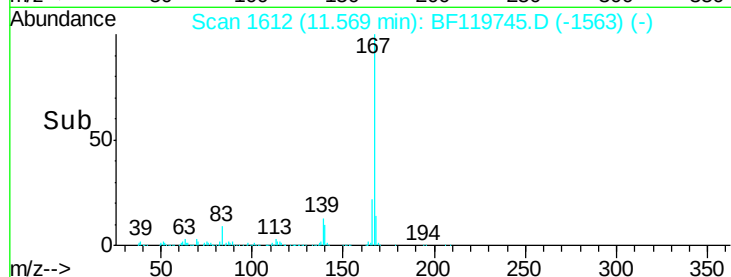
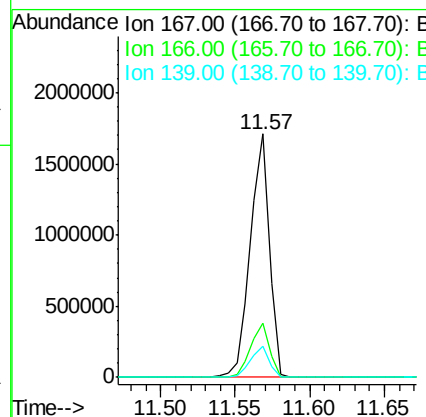
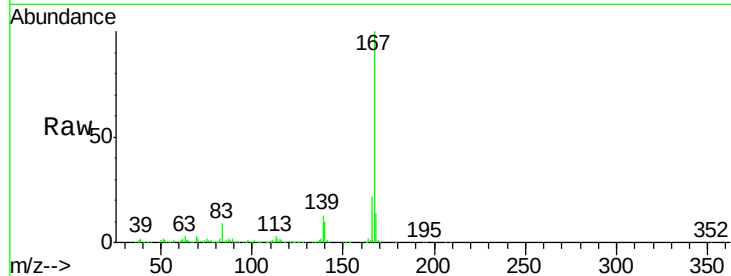




#73
 Carbazole
 Concen: 49.02 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

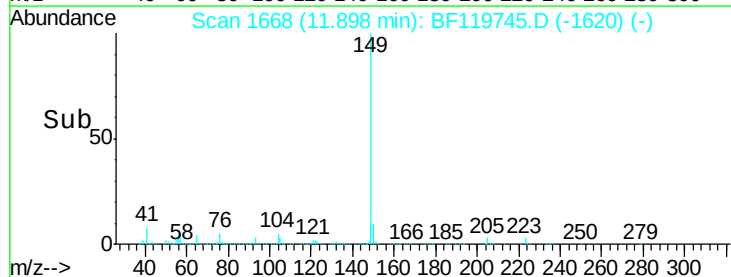
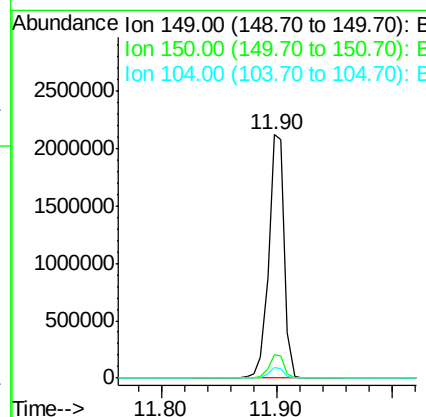
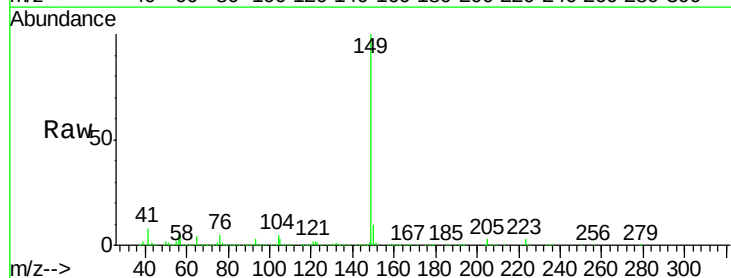
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

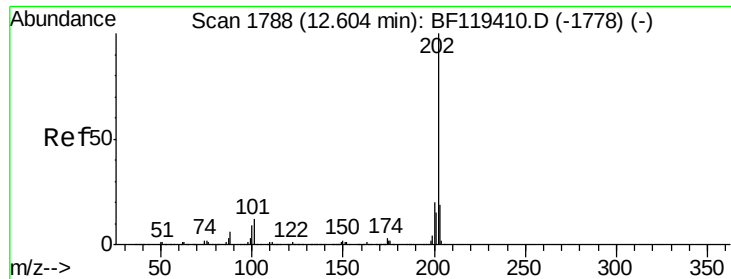
Tgt Ion:167 Resp: 1523312
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 60.66 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:149 Resp: 2016485
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 52.59 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampled :

TP-2MS

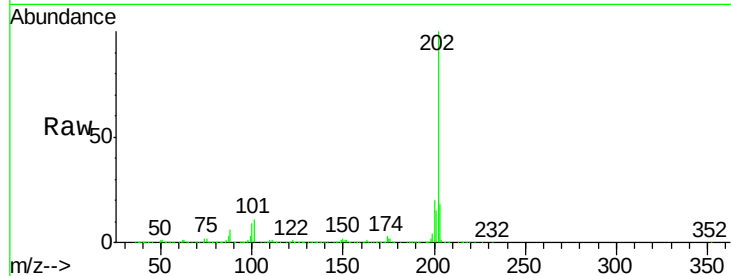
Tgt Ion:202 Resp: 1758223

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.2

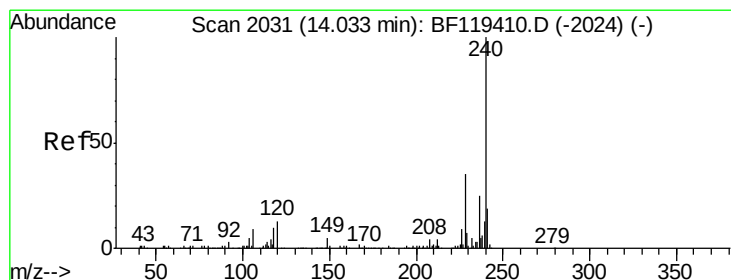
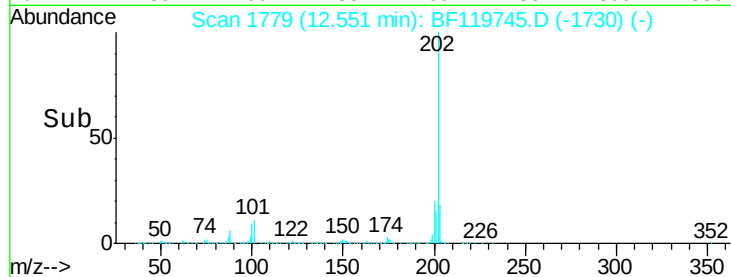
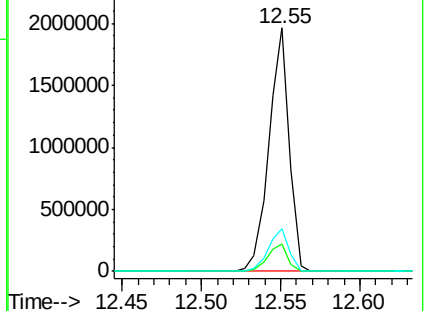
203 17.8 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

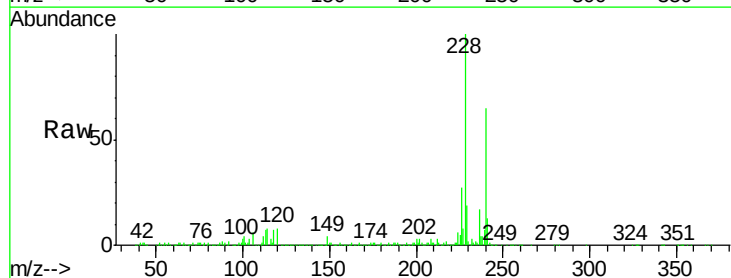
Tgt Ion:240 Resp: 345559

Ion Ratio Lower Upper

240 100

120 12.6 10.6 15.8

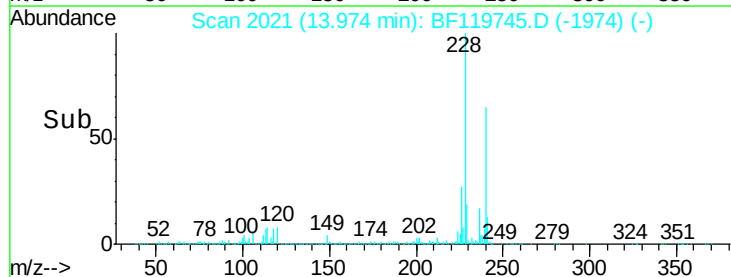
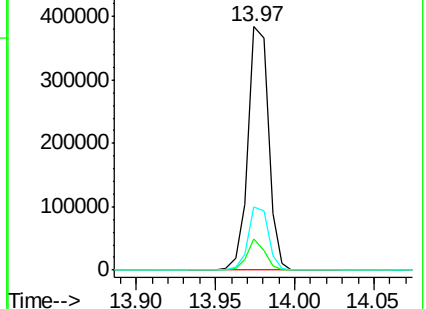
236 25.7 20.2 30.2

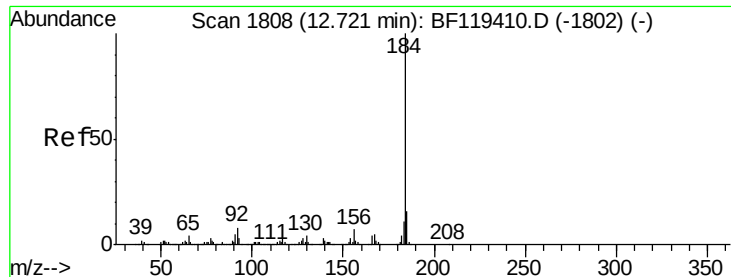


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.90 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

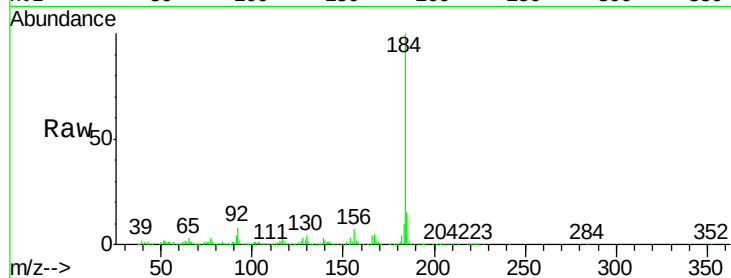
Tgt Ion:184 Resp: 832045

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

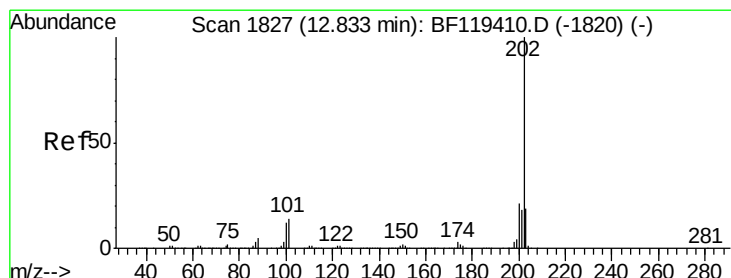
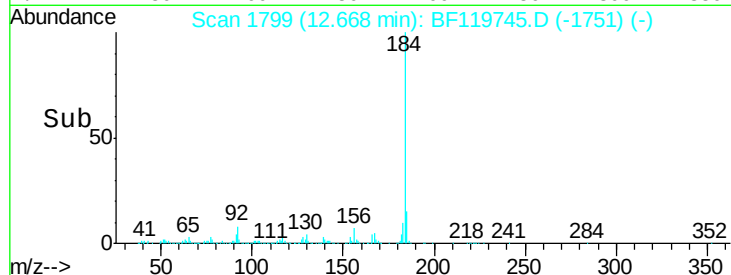
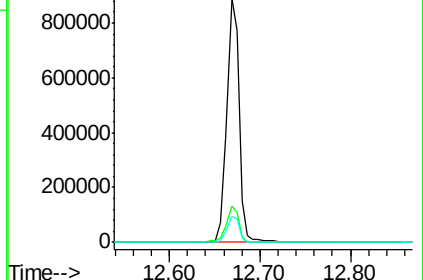
183 10.4 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.46 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

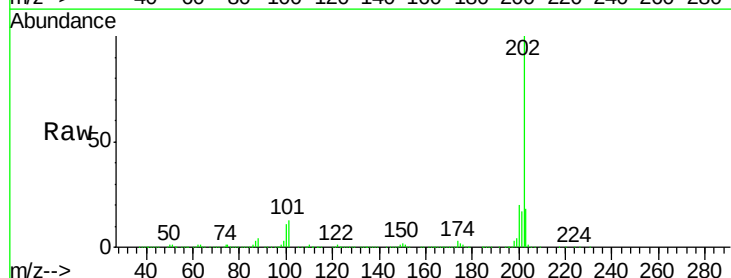
Tgt Ion:202 Resp: 1714724

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

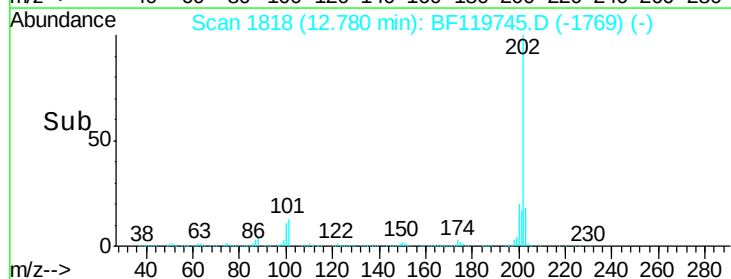
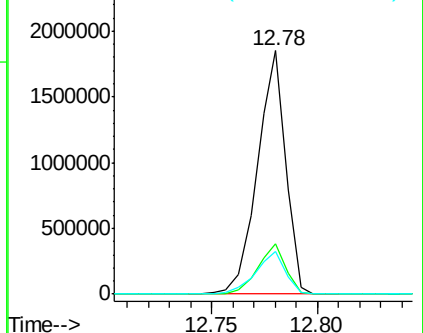
203 17.7 15.1 22.7

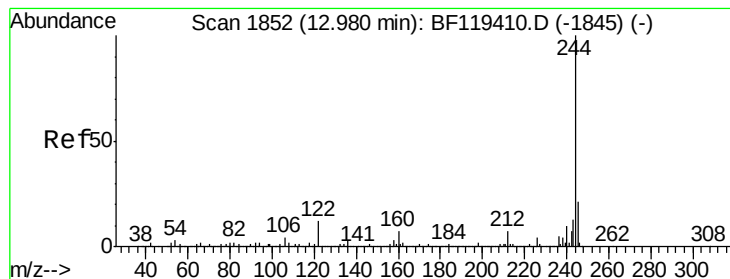


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 132.77 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

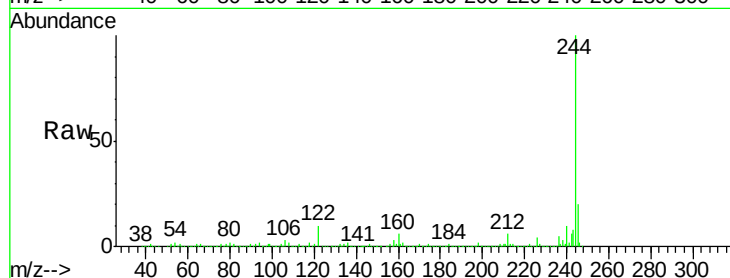
Tgt Ion:244 Resp: 2341752

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

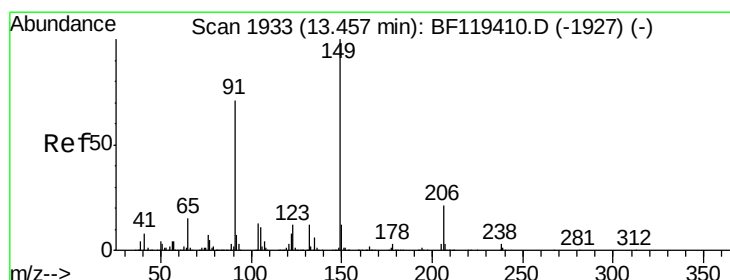
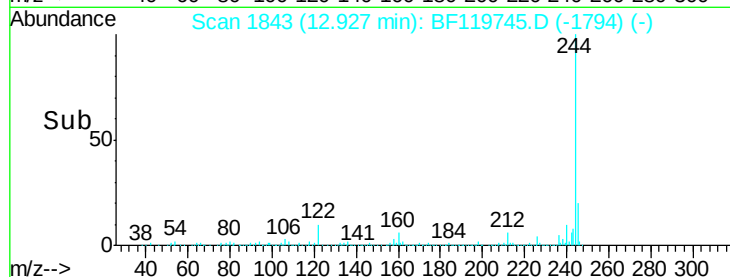
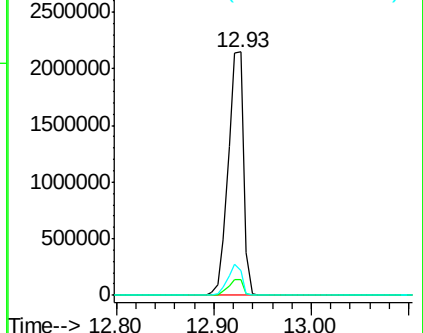
122 10.2 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 61.94 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

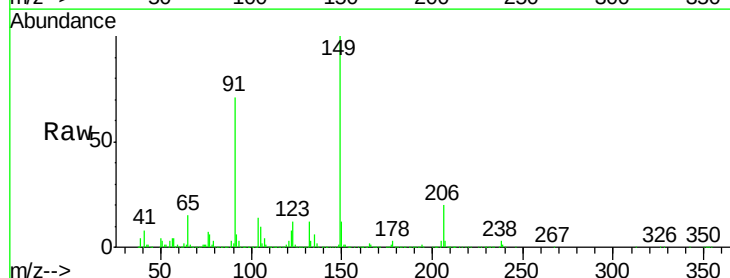
Tgt Ion:149 Resp: 710412

Ion Ratio Lower Upper

149 100

91 70.8 54.7 82.1

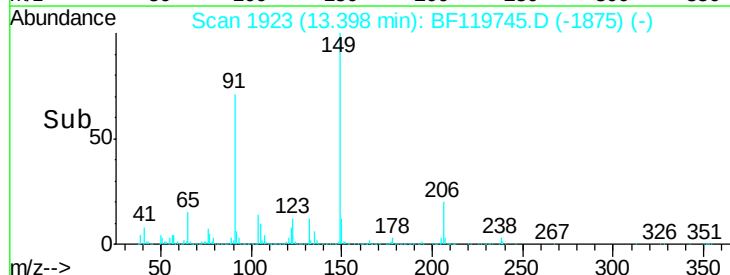
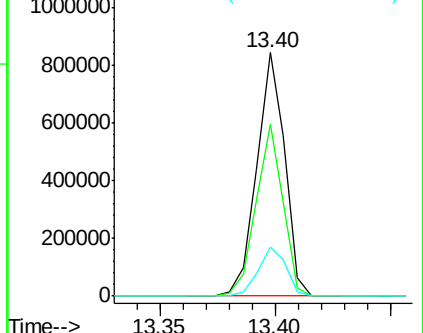
206 20.1 16.2 24.2

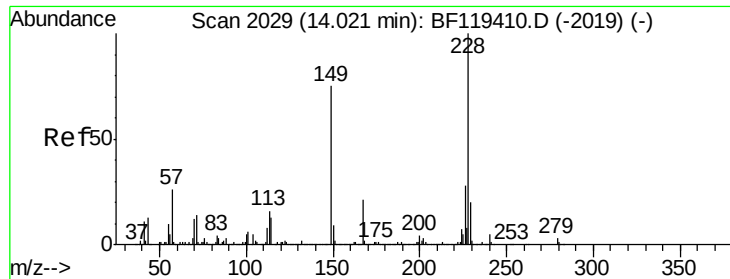


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

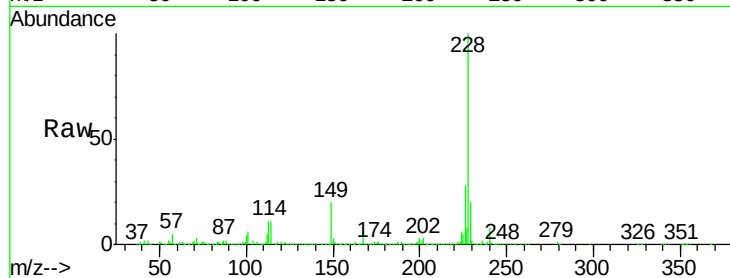




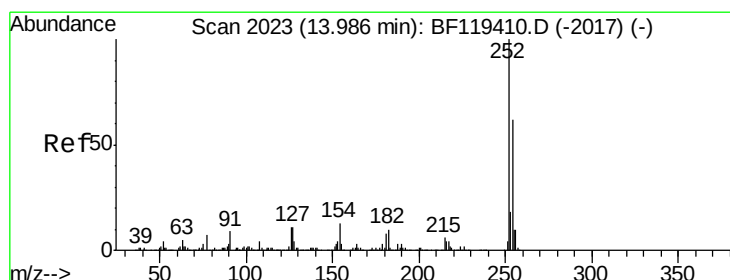
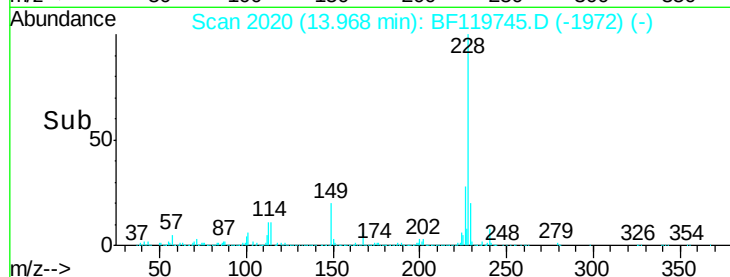
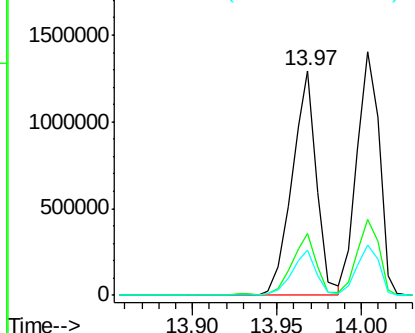
#81
Benzo(a)anthracene
Concen: 57.99 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:228 Resp: 1303024
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.8 16.2 24.4

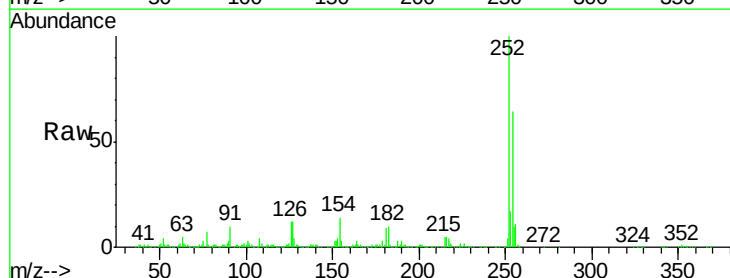


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

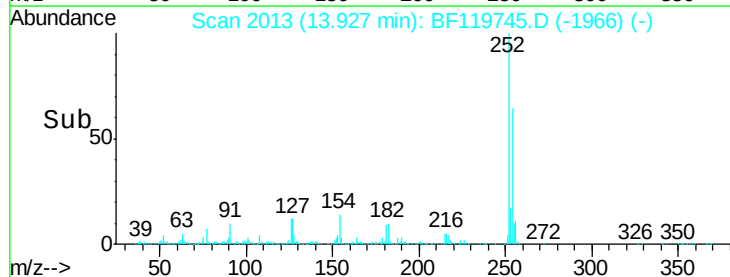
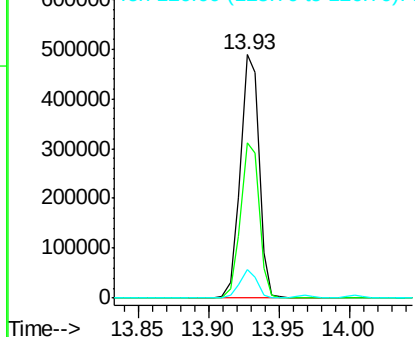


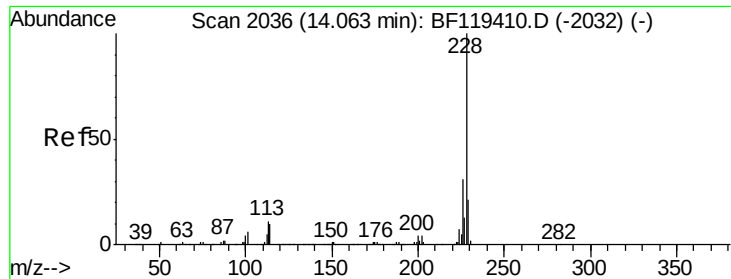
#82
3,3'-Dichlorobenzidine
Concen: 51.17 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:252 Resp: 453415
Ion Ratio Lower Upper
252 100
254 63.6 51.2 76.8
126 11.9 9.6 14.4



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





#83

Chrysene

Concen: 55.55 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

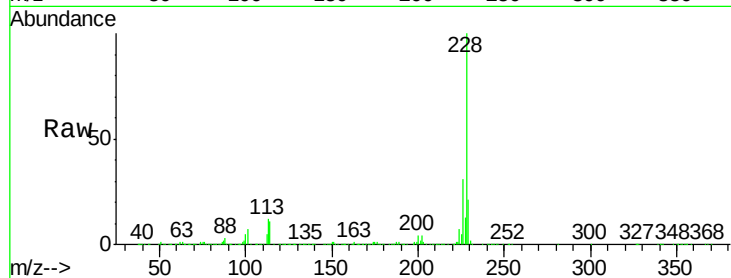
Tgt Ion:228 Resp: 1288157

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

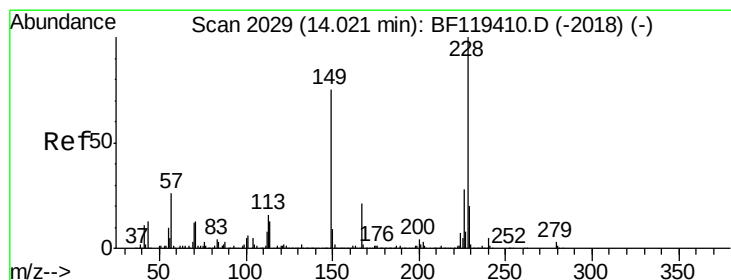
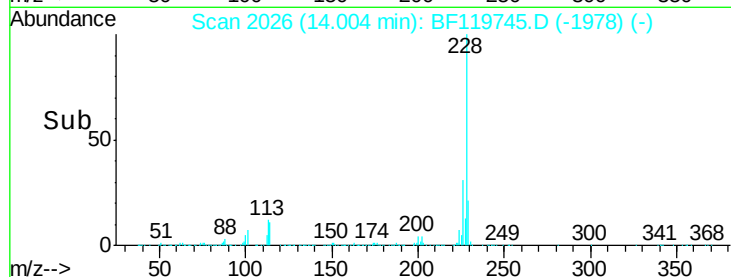
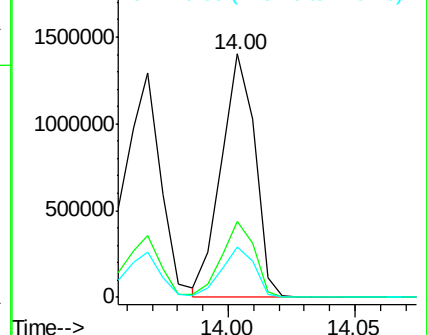
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.83 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

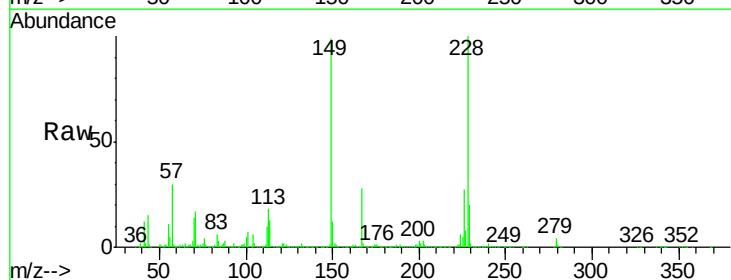
Tgt Ion:149 Resp: 913855

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

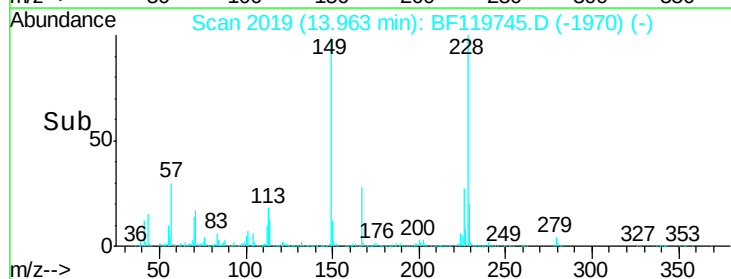
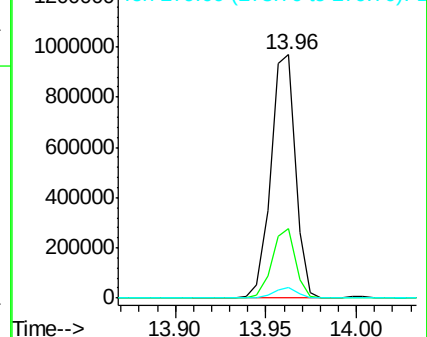
279 4.3 2.7 4.1#

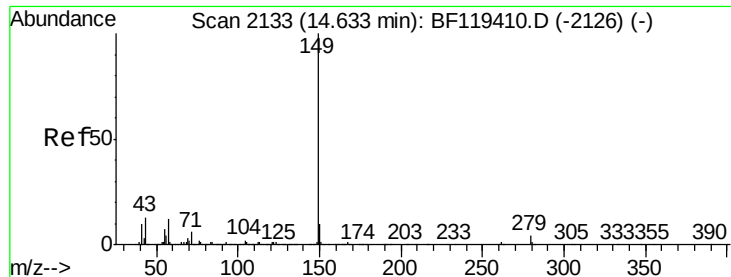


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.73 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

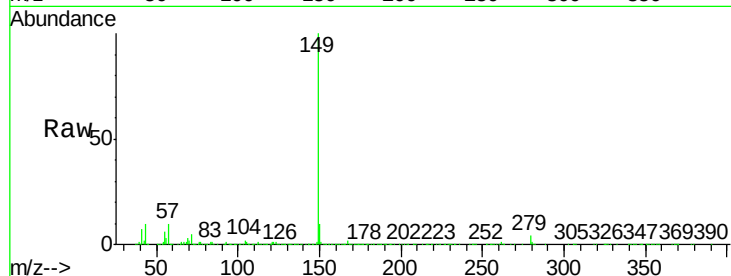
Tgt Ion:149 Resp: 1532522

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

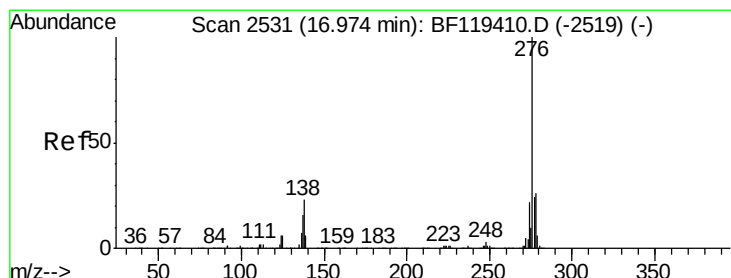
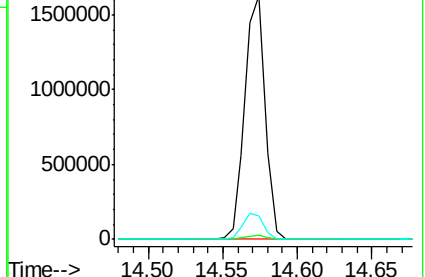
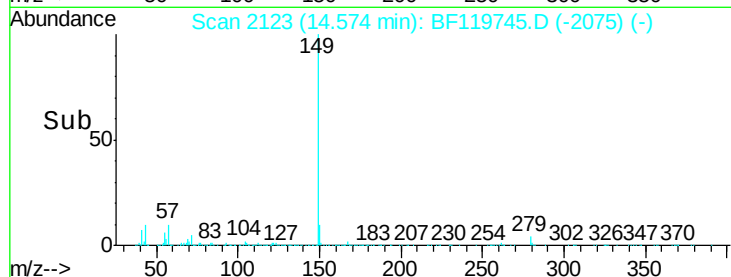
43 10.8 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.41 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

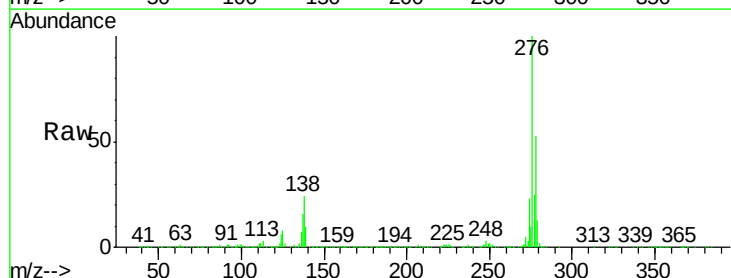
Tgt Ion:276 Resp: 1319411

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

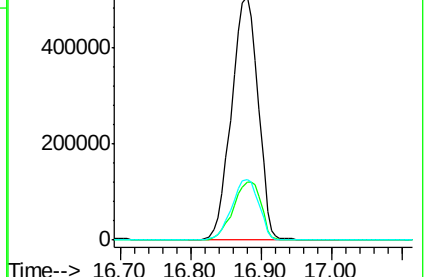
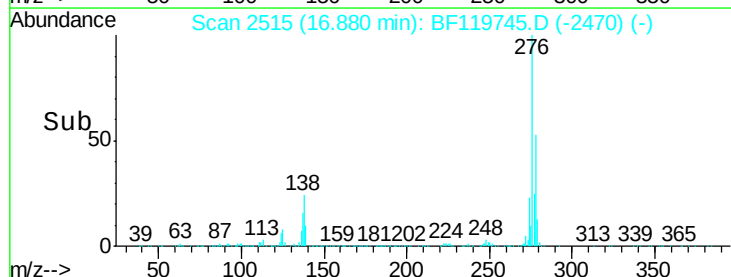
277 25.4 20.0 30.0

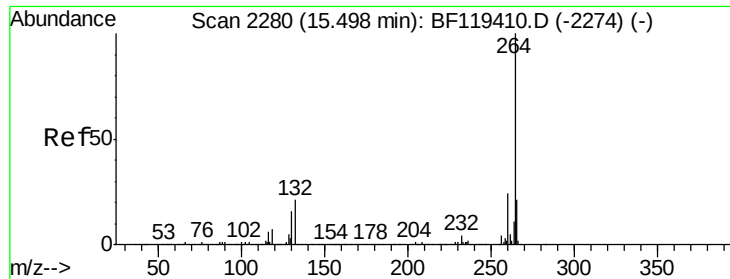


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

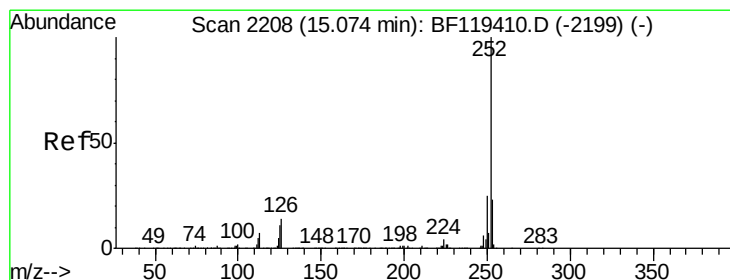
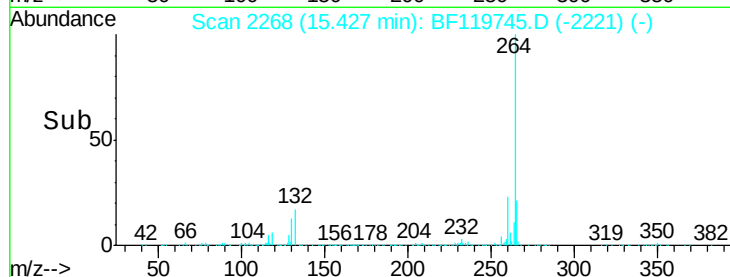
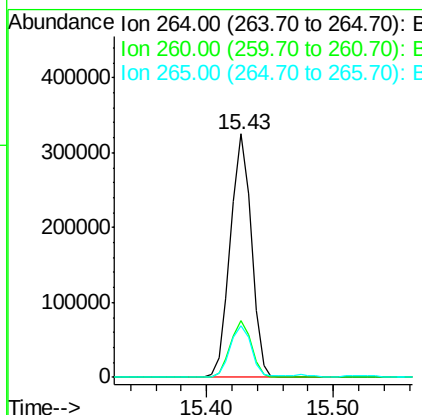
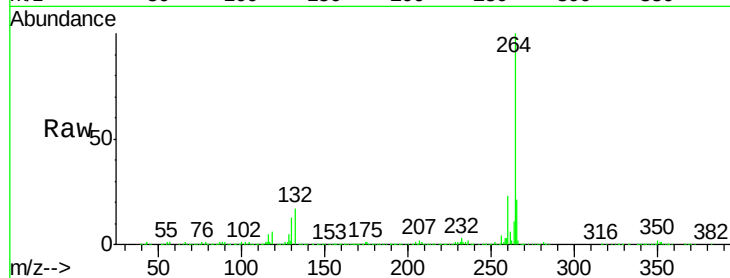
Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 264 Resp: 372575

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.0	17.7	26.5



#88

Benzo(b)fluoranthene

Concen: 55.84 ng

RT: 15.01 min Scan# 2197

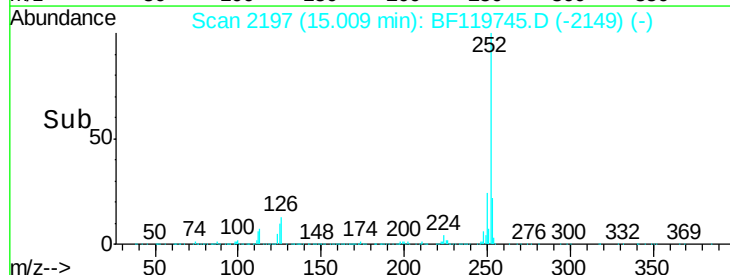
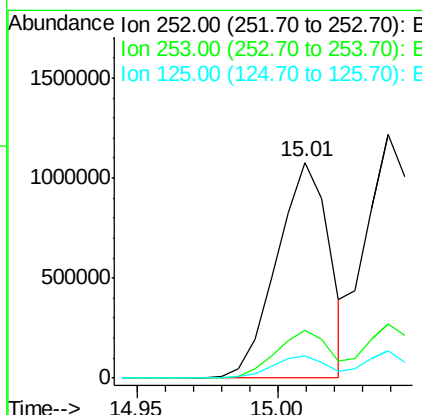
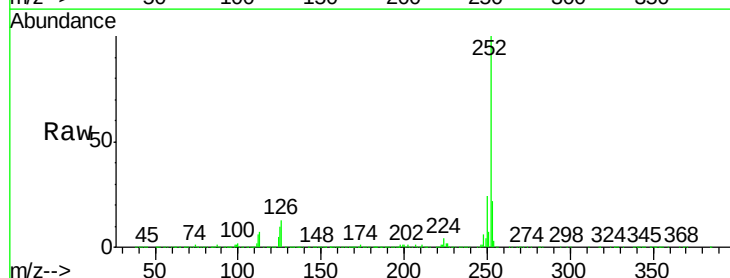
Delta R.T. -0.02 min

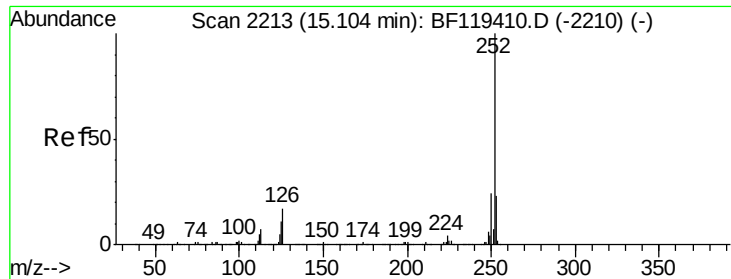
Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion: 252 Resp: 1389688

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.4	7.9	11.9

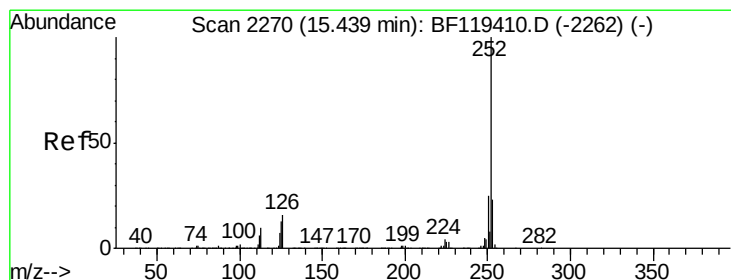
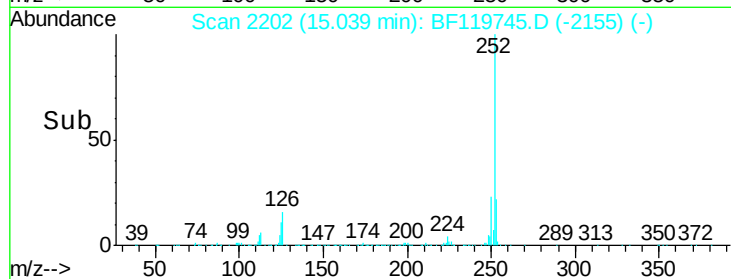
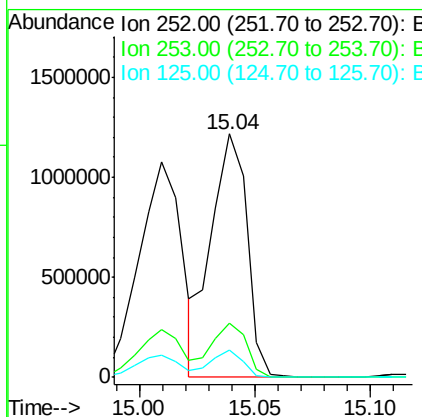
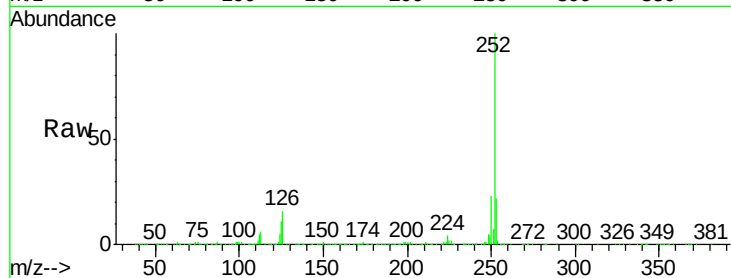




#89
Benzo(k)fluoranthene
Concen: 55.08 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

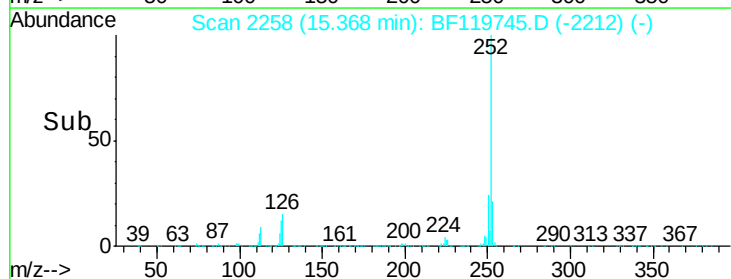
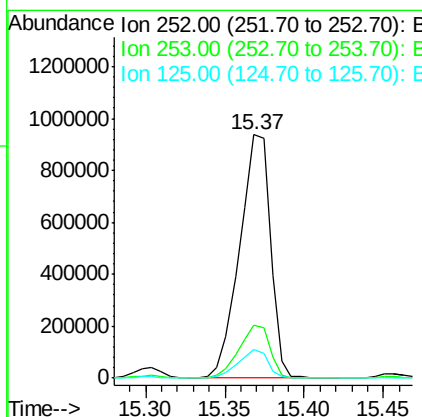
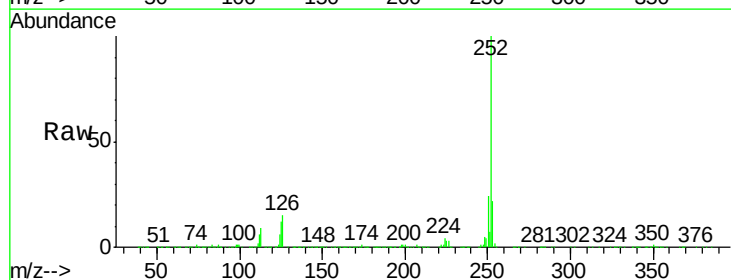
Instrument :
BNA_F
ClientSampleId :
TP-2MS

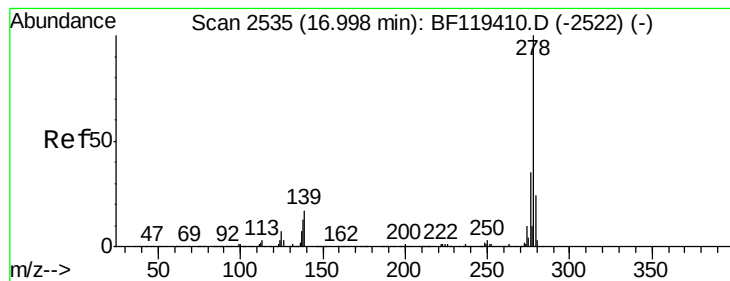
Tgt Ion:252 Resp: 1305314
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 56.03 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:252 Resp: 1267304
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 11.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 55.29 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

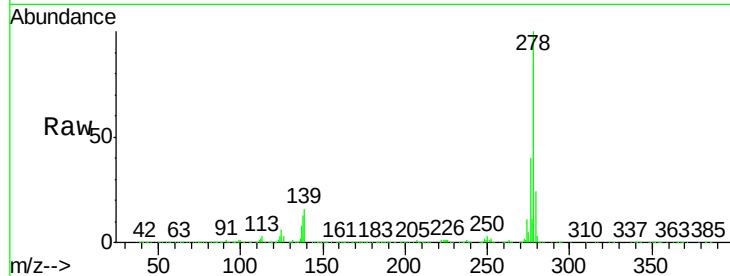
Tgt Ion:278 Resp: 1093892

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

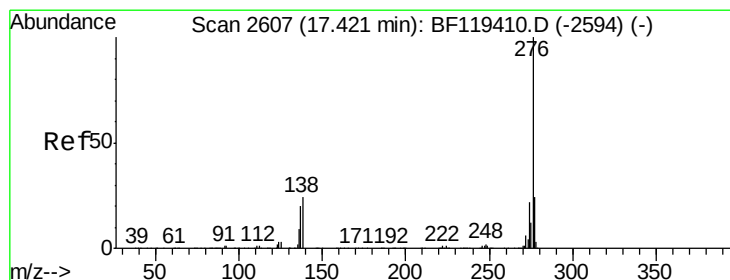
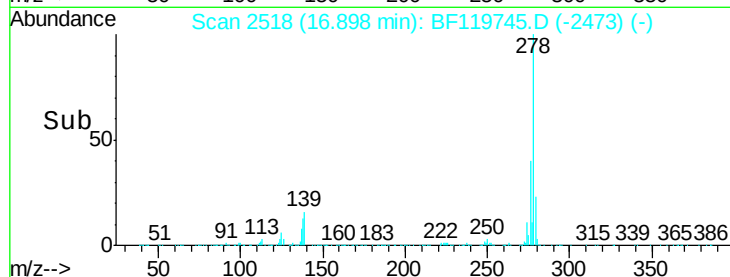
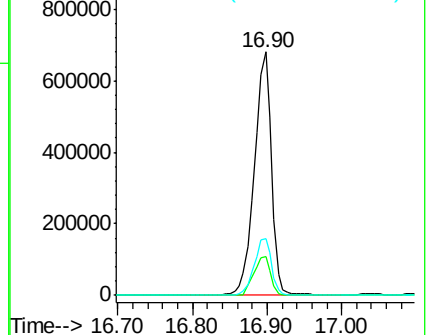
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.55 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

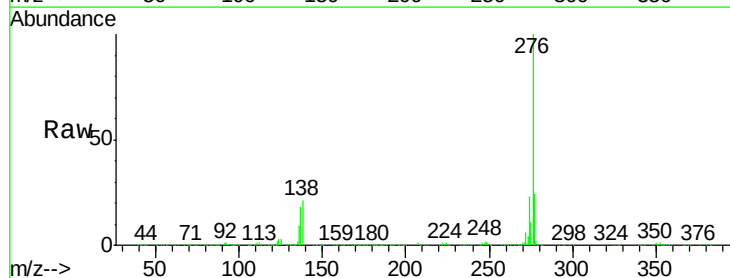
Tgt Ion:276 Resp: 1064226

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 20.8 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

