

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114232.D
 Acq On : 13 May 2019 16:42
 Operator : JU/SJ
 Sample : K2765-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01

Quant Time: May 14 04:46:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258464	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	969441	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	457288	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	837488	20.00	ng	0.01
76) Chrysene-d12	14.04	240	427238	20.00	ng	0.02
87) Perylene-d12	15.54	264	580830	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1640022	102.11	ng	0.01
7) Phenol-d6	6.51	99	2196515	115.63	ng	0.02
23) Nitrobenzene-d5	7.42	82	1444957	83.65	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	434499	91.91	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1821365	60.25	ng	0.00
79) Terphenyl-d14	12.96	244	1413312	68.19	ng	0.00

Target Compounds

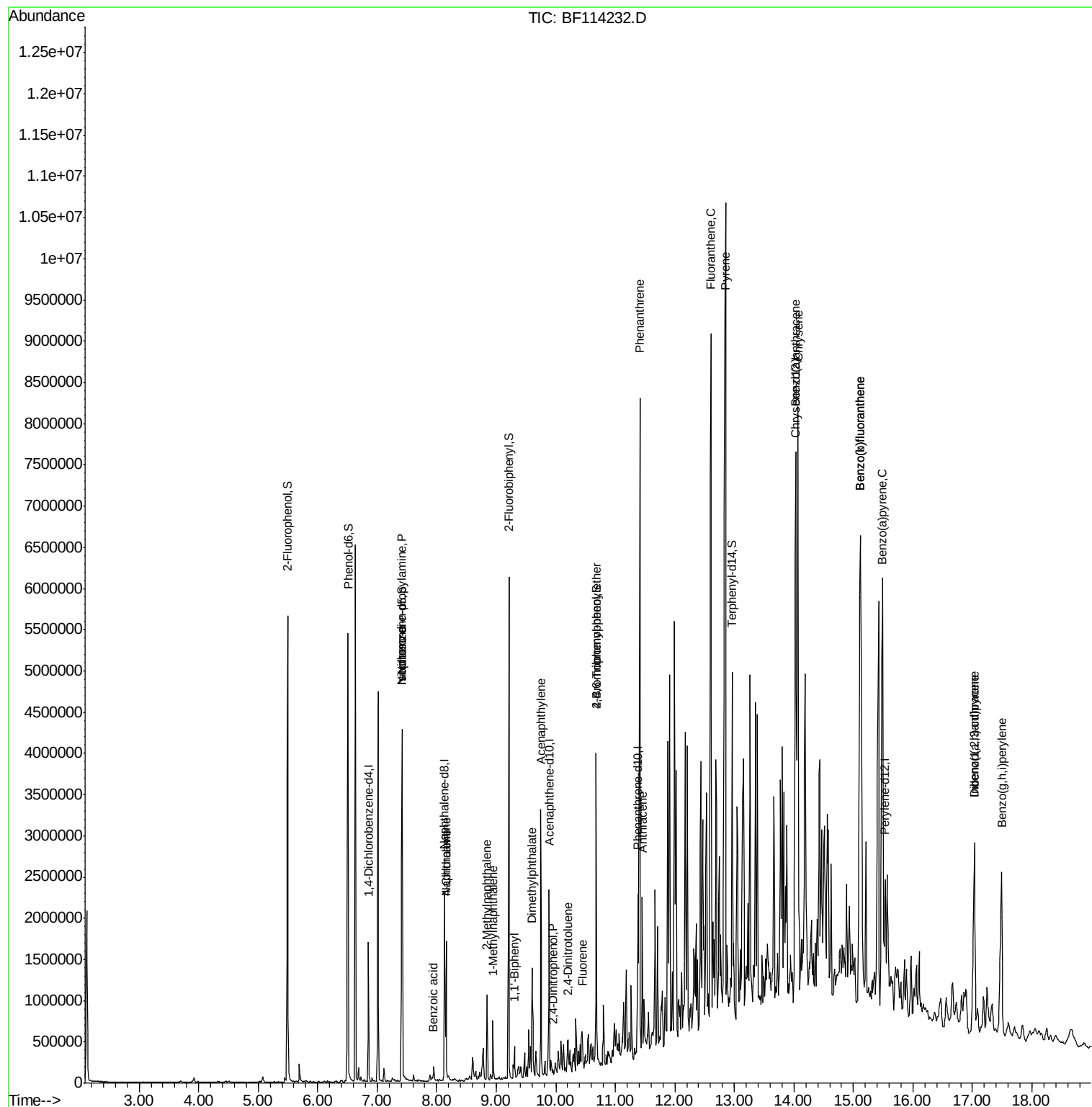
						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	193162	16.043	ng	# 77
25) Isophorone	7.42	82	1440093	44.951	ng	# 64
31) Naphthalene	8.16	128	674262	14.890	ng	98
32) Benzoic acid	7.93	122	2546	7.248	ng	# 56
33) 4-Chloroaniline	8.16	127	88169	4.273	ng	# 34
37) 2-Methylnaphthalene	8.85	142	273409	9.358	ng	93
38) 1-Methylnaphthalene	8.95	142	171820	6.245	ng	99
46) 1,1'-Biphenyl	9.31	154	111729	3.024	ng	97
49) Acenaphthylene	9.75	152	1273213	28.156	ng	99
50) Dimethylphthalate	9.60	163	455946	13.582	ng	99
54) 2,4-Dinitrophenol	9.96	184	127	6.776	ng	# 1
57) 2,4-Dinitrotoluene	10.20	165	20436	2.022	ng	# 55
58) Fluorene	10.44	166	159950	5.089	ng	# 54
67) 4-Bromophenyl-phenylether	10.68	248	28671	3.109	ng	# 1
71) Phenanthrene	11.41	178	3265607	80.148	ng	98
72) Anthracene	11.46	178	766772	18.736	ng	98
75) Fluoranthene	12.61	202	4591800	104.652	ng	95
78) Pyrene	12.85	202	7155445	208.193	ng	93
81) Benzo(a)anthracene	14.03	228	3366550	121.828	ng	# 82
83) Chrysene	14.07	228	3309165	122.161	ng	97
86) Indeno(1,2,3-cd)pyrene	17.03	276	1769480	73.912	ng	96
88) Benzo(b)fluoranthene	15.12	252	5195417	139.619	ng	# 97
89) Benzo(k)fluoranthene	15.12	252	5195417	151.991	ng	98
90) Benzo(a)pyrene	15.48	252	2998494	91.560	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	498924	18.334	ng	97
92) Benzo(g,h,i)perylene	17.49	276	1931466	70.824	ng	99

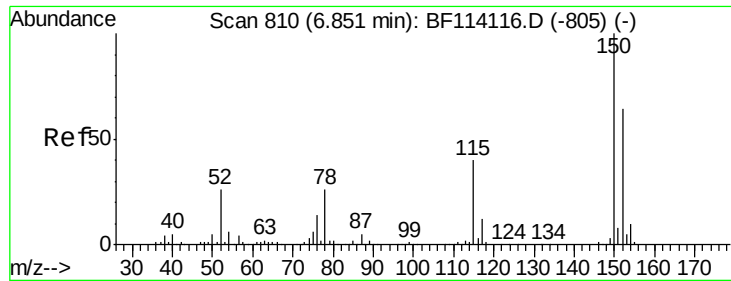
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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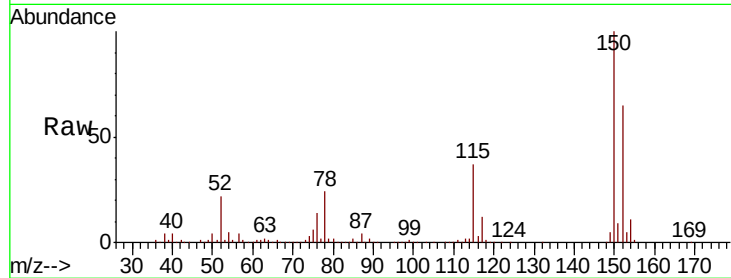


#1

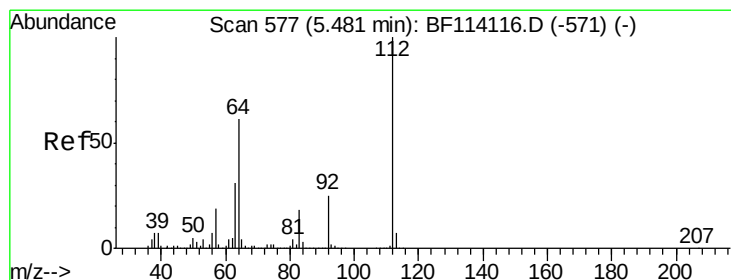
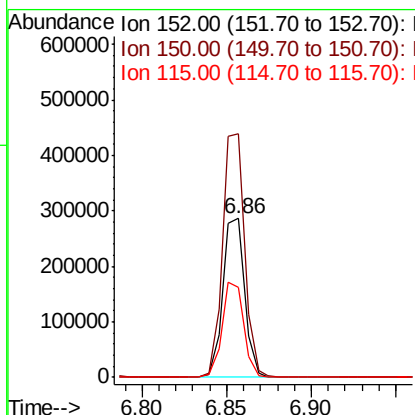
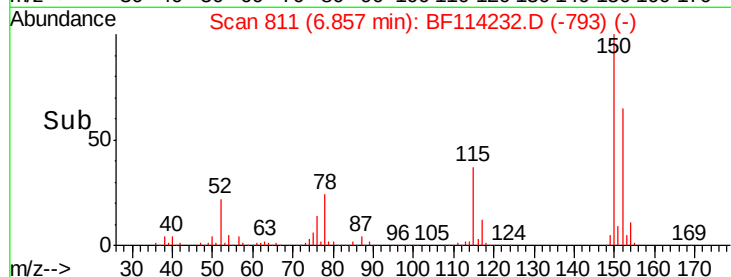
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:152 Resp: 258464
Ion Ratio Lower Upper
152 100
150 153.2 124.3 186.5
115 56.4 49.1 73.7



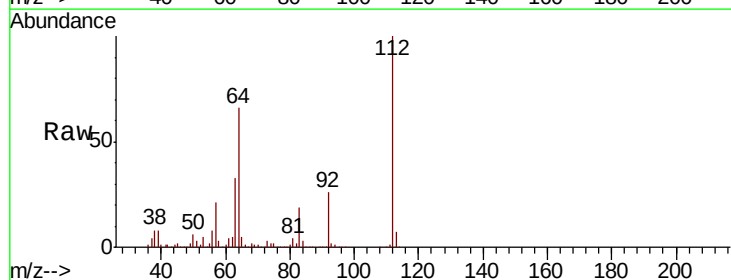
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



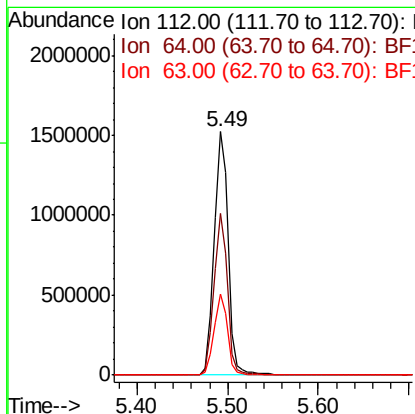
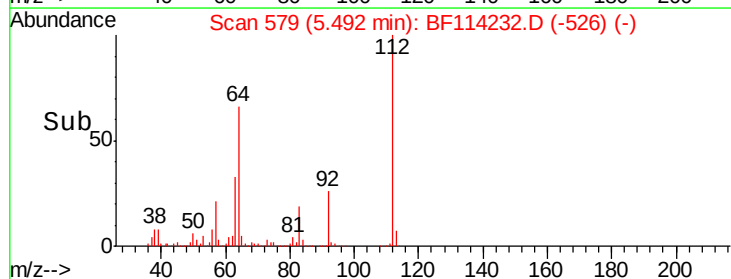
#5

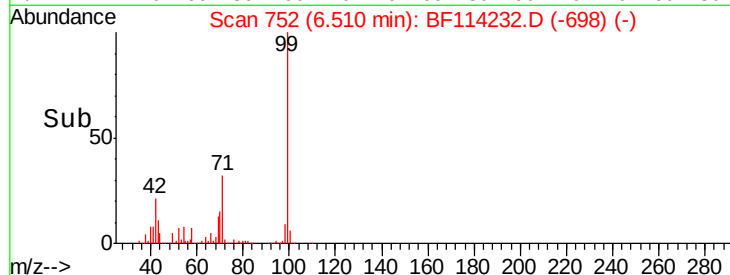
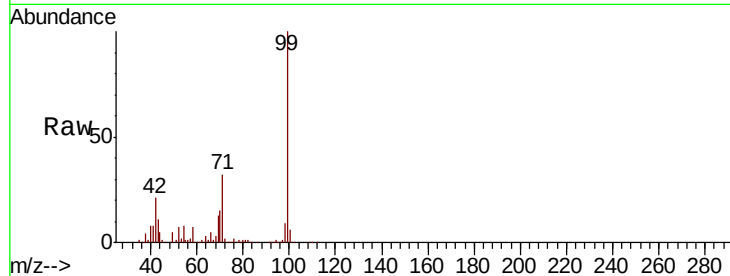
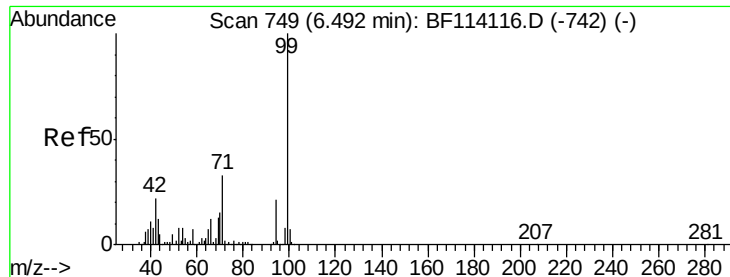
2-Fluorophenol
Concen: 102.112 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:112 Resp: 1640022
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.631 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

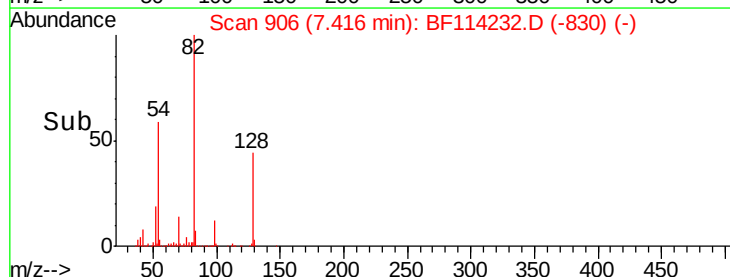
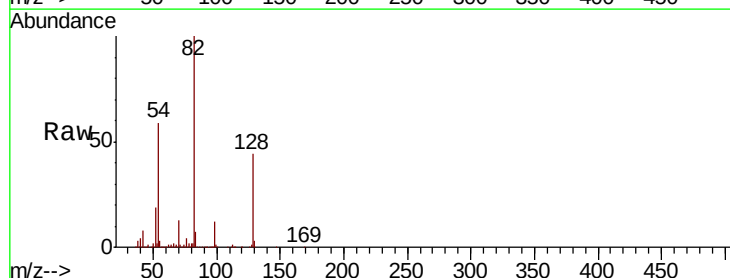
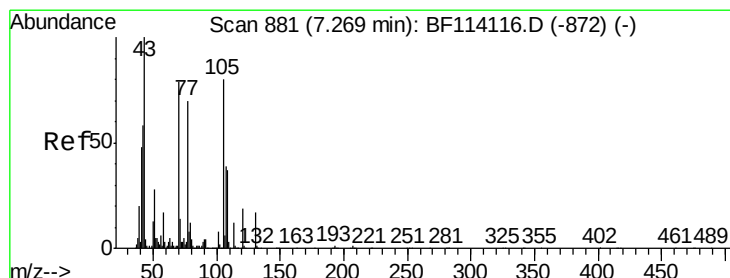
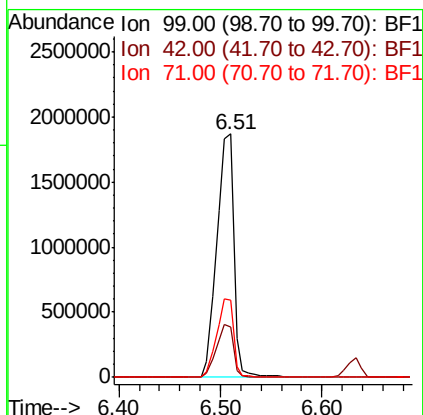
Tgt Ion: 99 Resp: 2196515

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 31.7 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.043 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Tgt Ion: 70 Resp: 193162

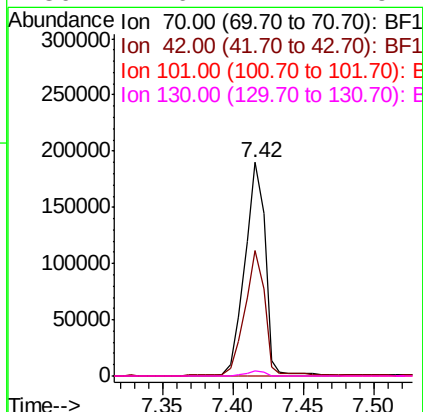
Ion Ratio Lower Upper

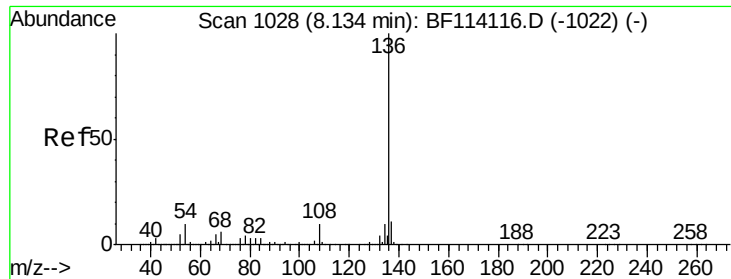
70 100

42 58.7 58.6 87.8

101 0.0 7.8 11.8#

130 2.6 17.1 25.7#

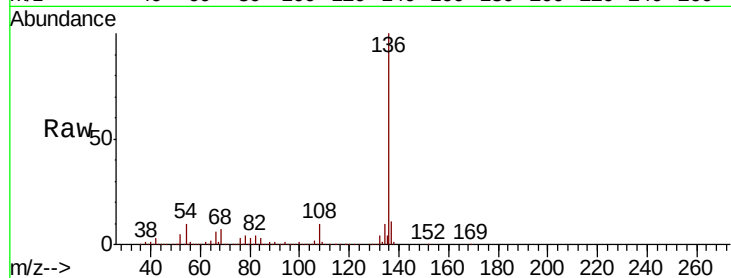




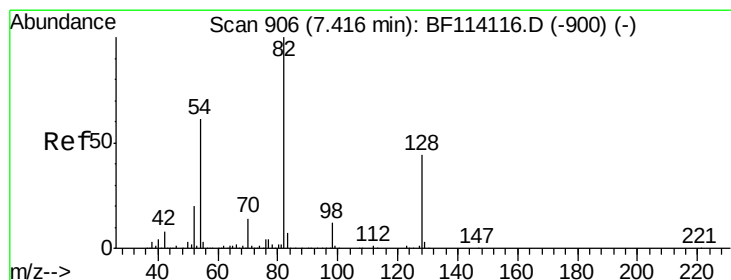
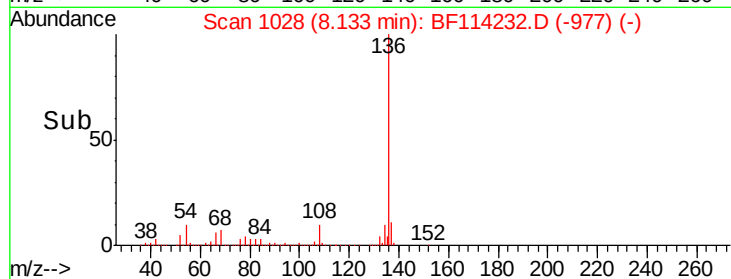
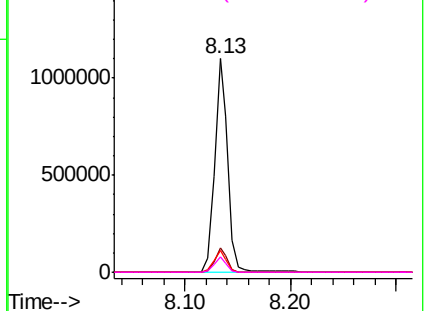
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:	136	Resp:	969441
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	7.8	11.8
68	6.9	5.1	7.7

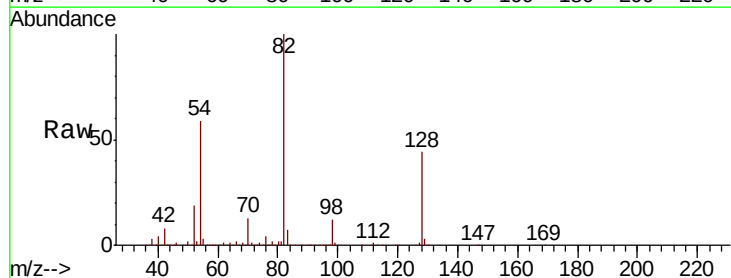


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

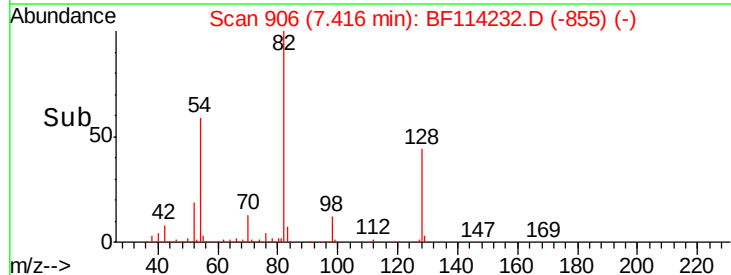
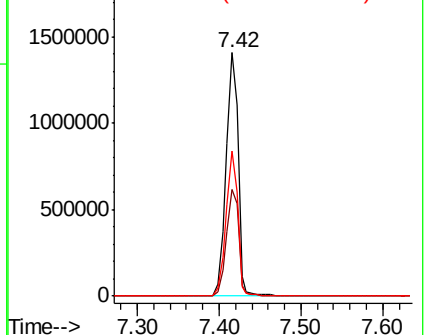


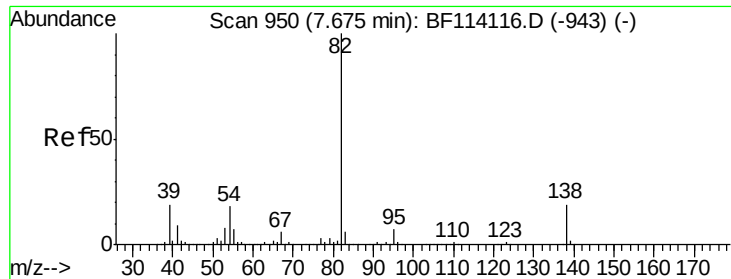
#23
Nitrobenzene-d5
Concen: 83.647 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:	82	Resp:	1444957
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.4	48.5	72.7



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





#25

Isophorone

Concen: 44.951 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

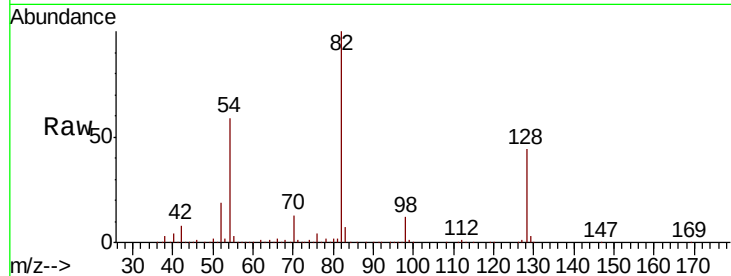
Tgt Ion: 82 Resp: 1440093

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

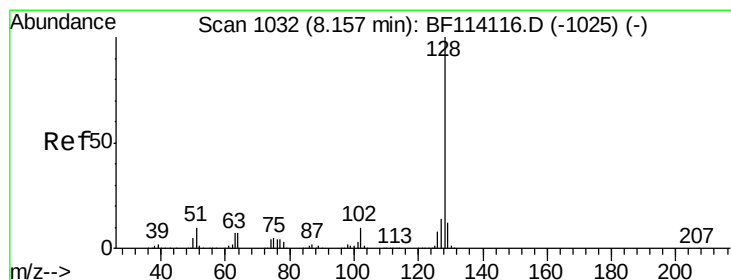
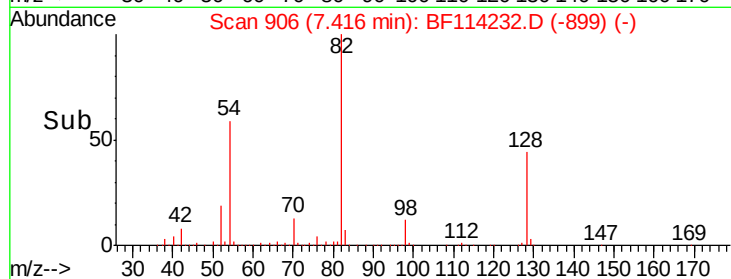
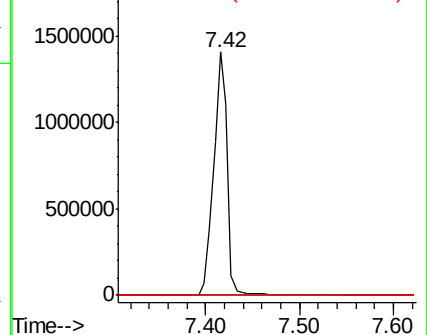
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 14.890 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

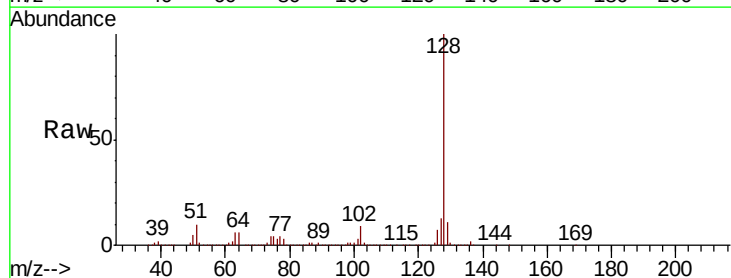
Tgt Ion: 128 Resp: 674262

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

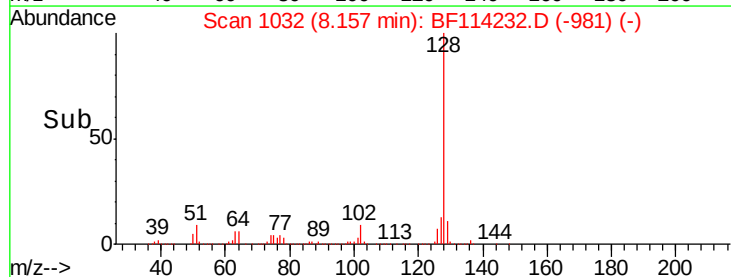
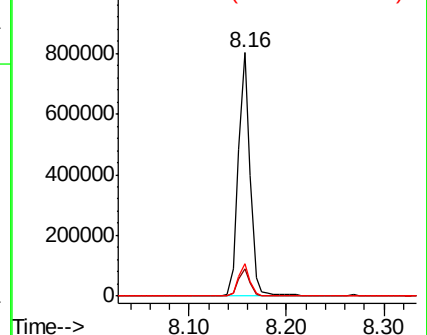
127 13.3 11.3 16.9

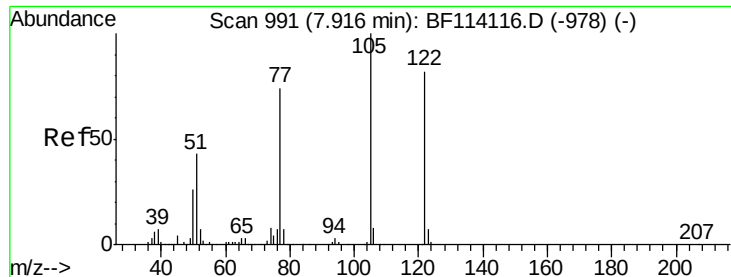


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.248 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

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P026-SS006-0002-01

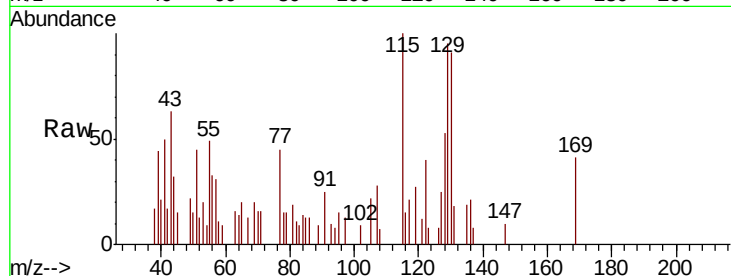
Tgt Ion:122 Resp: 2546

Ion Ratio Lower Upper

122 100

105 53.7 99.9 139.9#

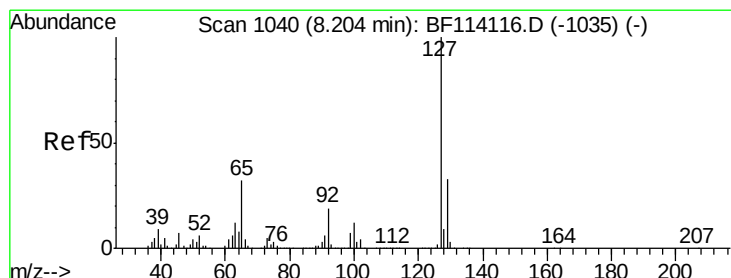
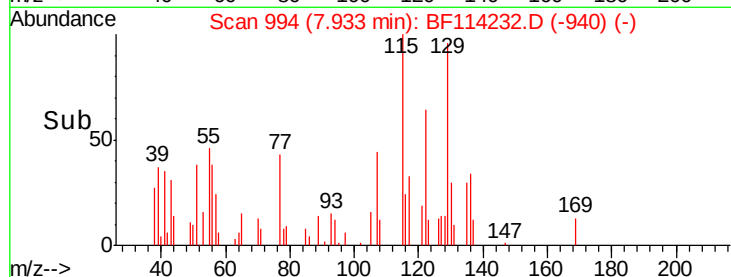
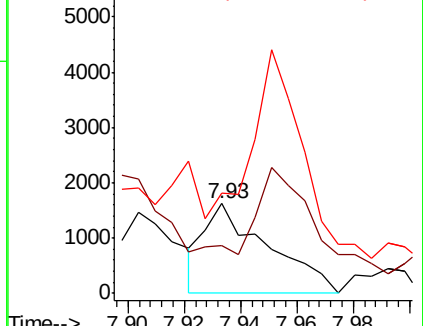
77 112.1 69.4 109.4#



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: 4.273 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Tgt Ion:127 Resp: 88169

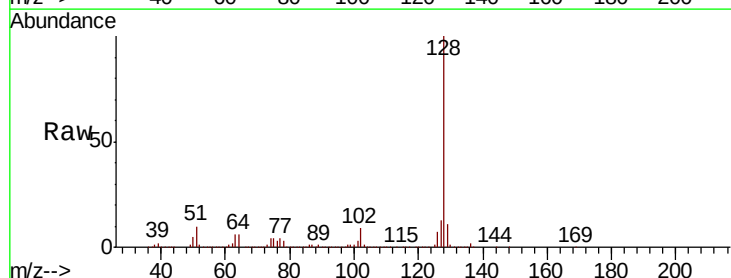
Ion Ratio Lower Upper

127 100

129 83.6 26.7 40.1#

65 0.0 25.4 38.0#

92 0.3 15.4 23.2#

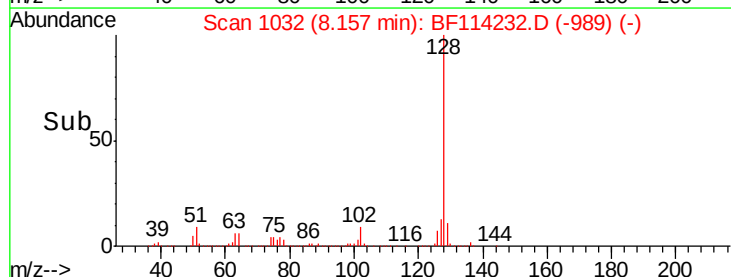
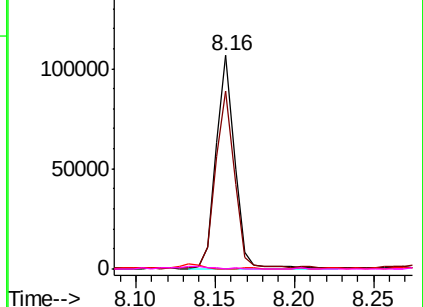


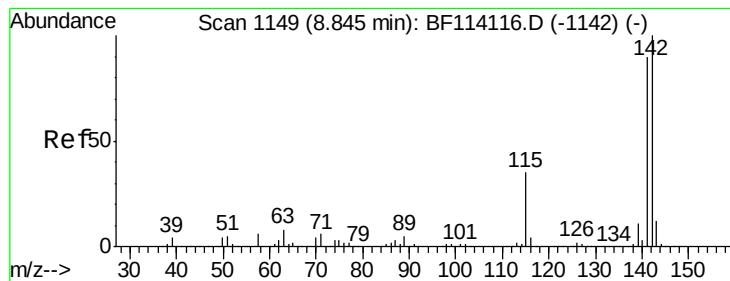
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 9.358 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

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ClientSampleId :

P026-SS006-0002-01

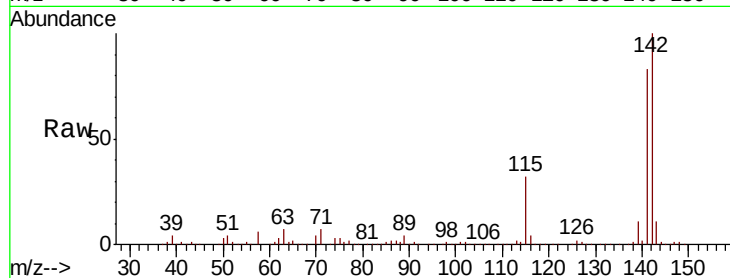
Tgt Ion:142 Resp: 273409

Ion Ratio Lower Upper

142 100

141 83.0 72.1 108.1

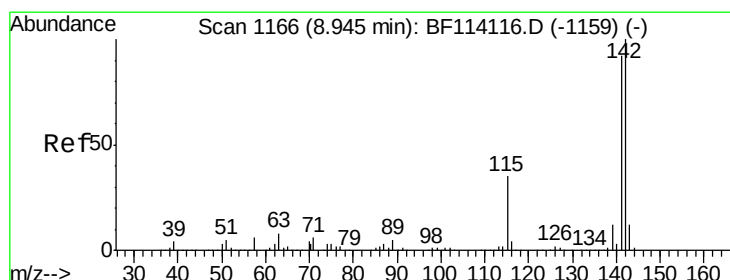
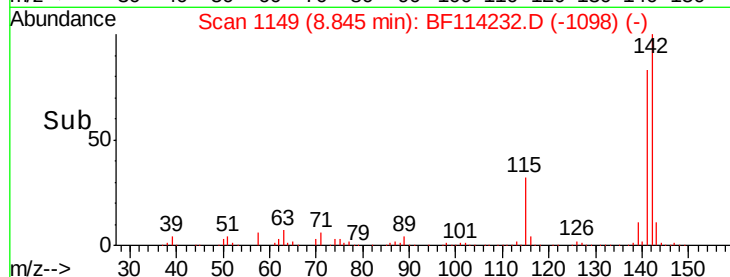
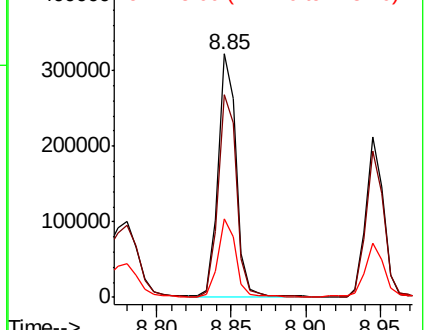
115 32.1 28.0 42.0



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: 6.245 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

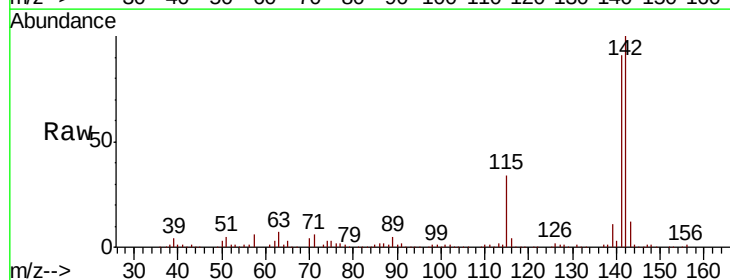
Tgt Ion:142 Resp: 171820

Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.0

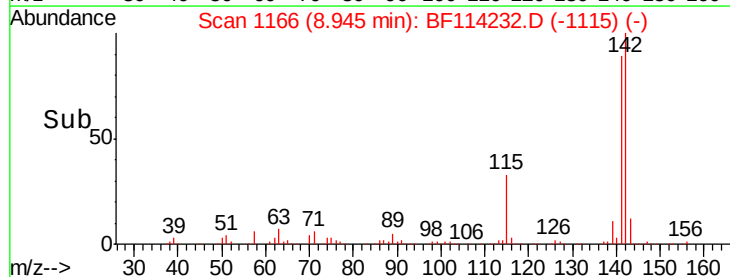
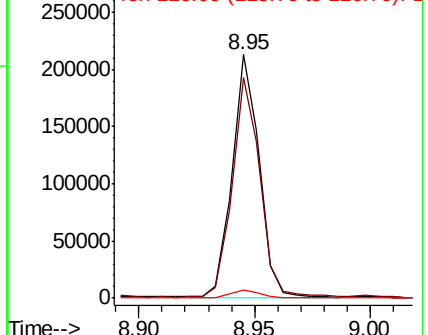
116 3.6 3.1 4.7

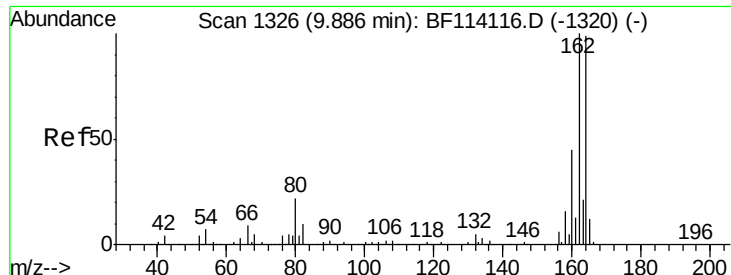


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

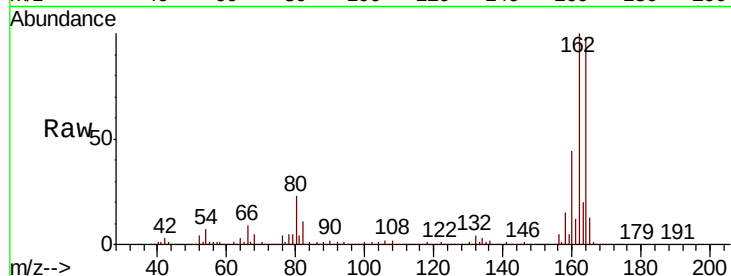




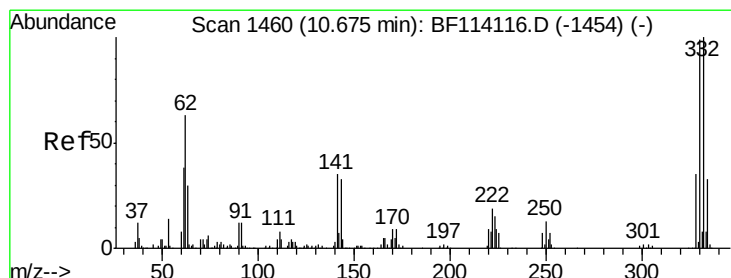
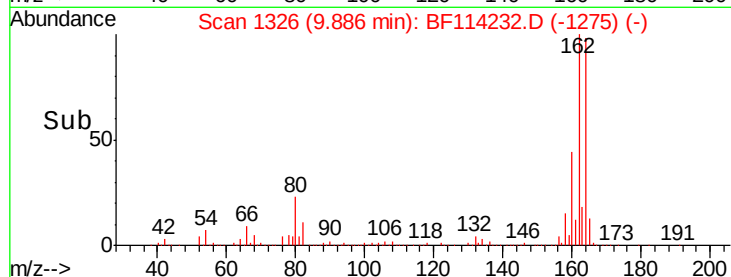
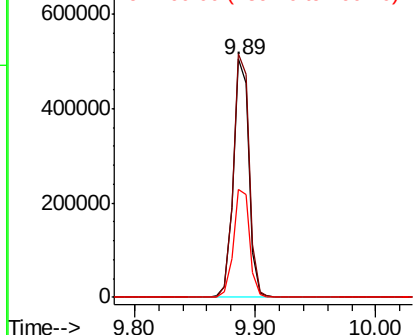
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

Tgt Ion:164 Resp: 457288
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.0 36.5 54.7

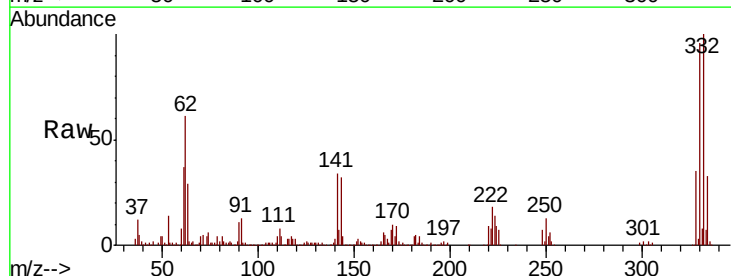


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

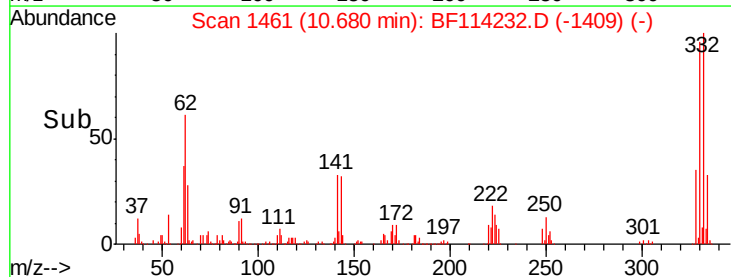
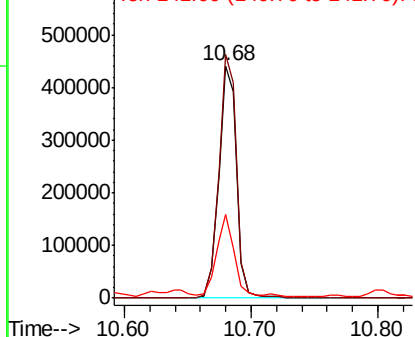


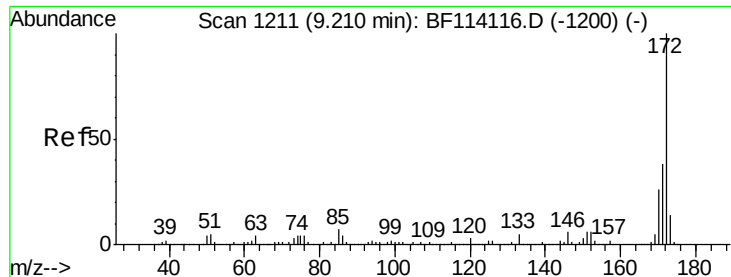
#42
2,4,6-Tribromophenol
Concen: 91.907 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:330 Resp: 434499
Ion Ratio Lower Upper
330 100
332 104.3 81.4 122.2
141 33.5 26.6 40.0



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

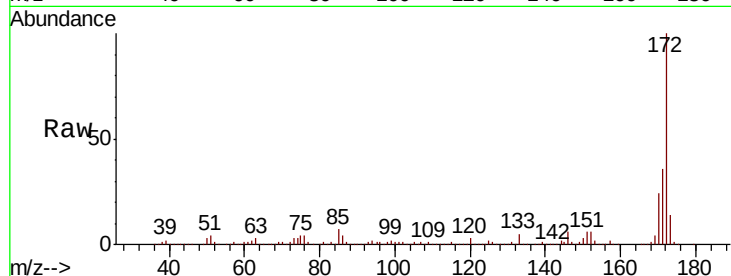




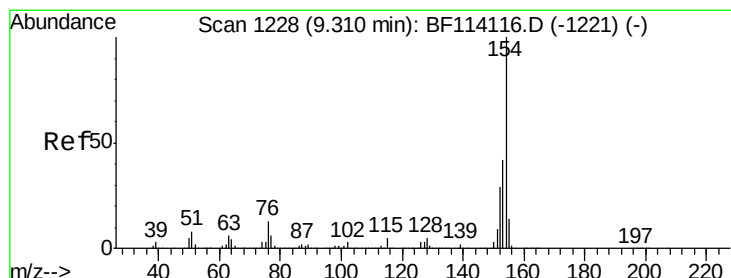
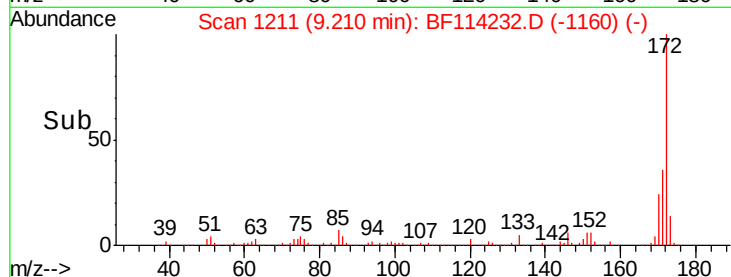
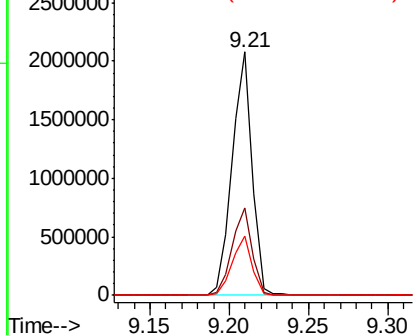
#45
 2-Fluorobiphenyl
 Concen: 60.249 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01

Tgt Ion:172 Resp: 1821365
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 24.3 20.5 30.7

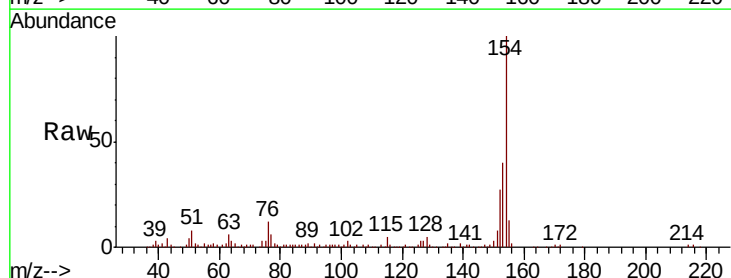


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

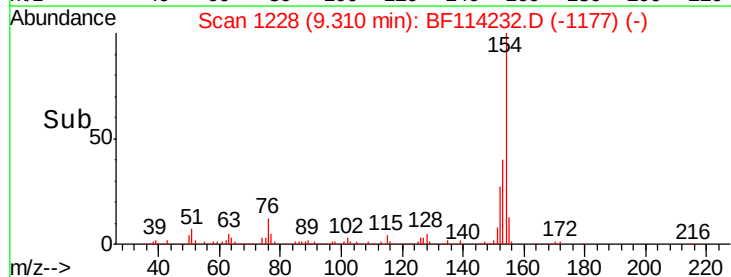
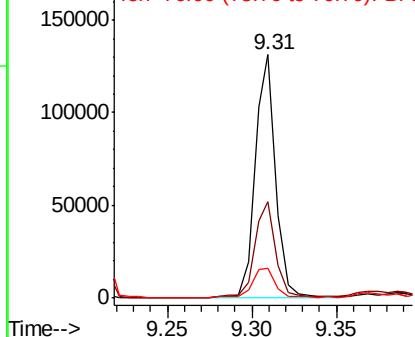


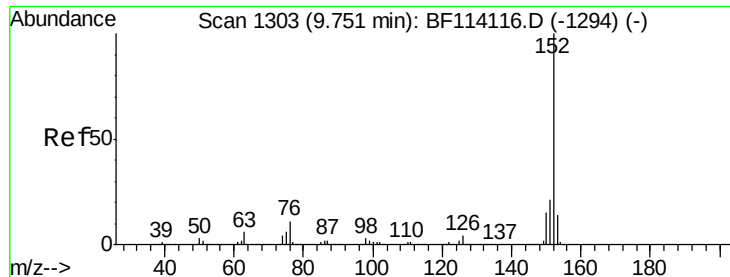
#46
 1,1'-Biphenyl
 Concen: 3.024 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Tgt Ion:154 Resp: 111729
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.9 61.9
 76 12.4 0.0 32.8



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





#49

Acenaphthylene

Concen: 28.156 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

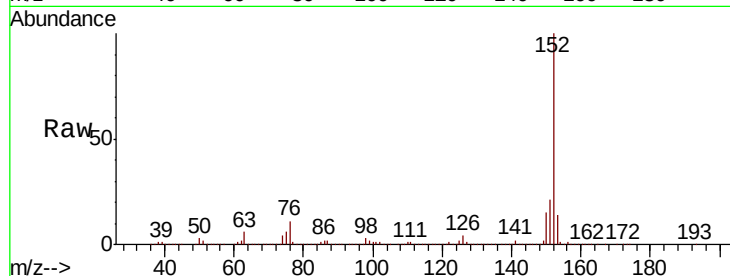
Tgt Ion:152 Resp: 1273213

Ion Ratio Lower Upper

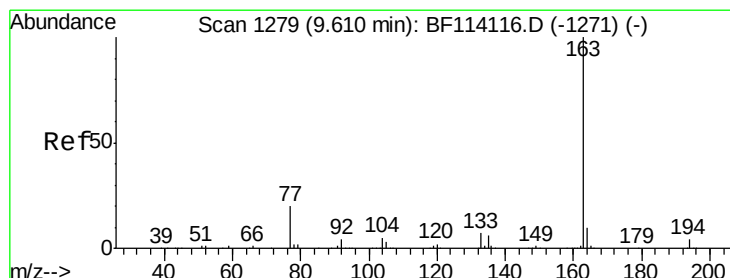
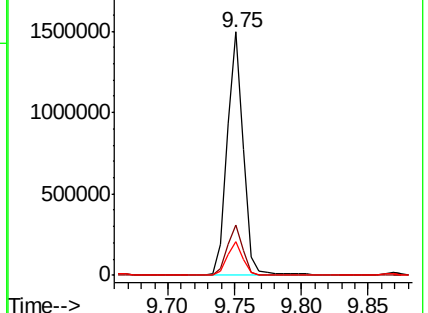
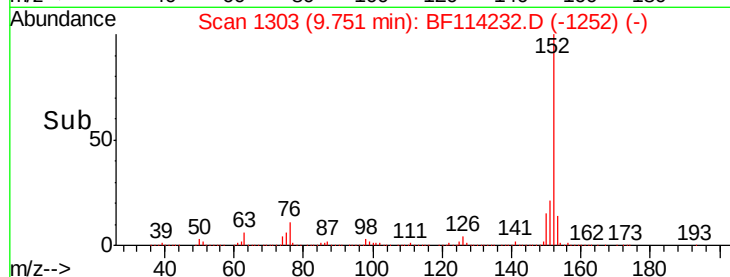
152 100

151 20.6 16.8 25.2

153 13.8 11.4 17.2



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: 13.582 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

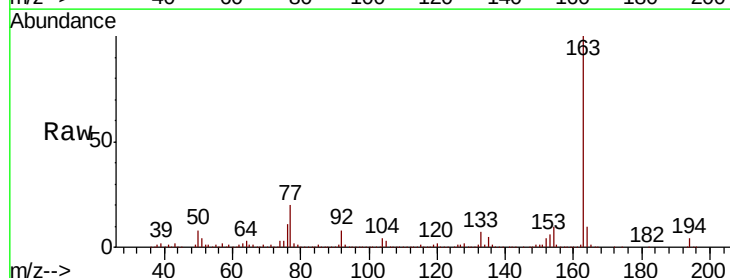
Tgt Ion:163 Resp: 455946

Ion Ratio Lower Upper

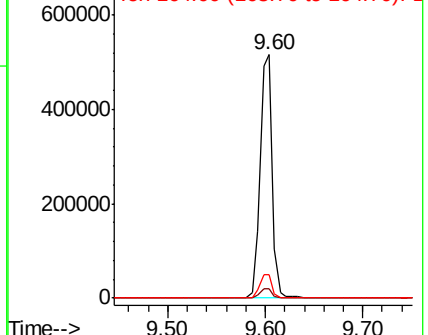
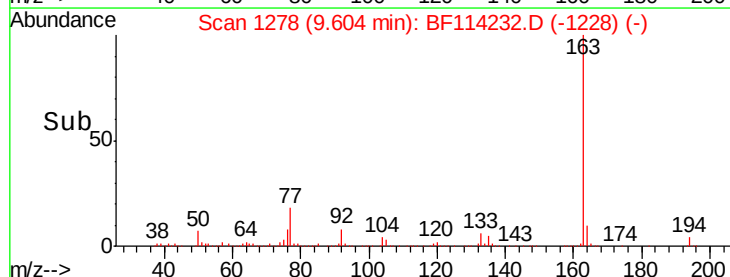
163 100

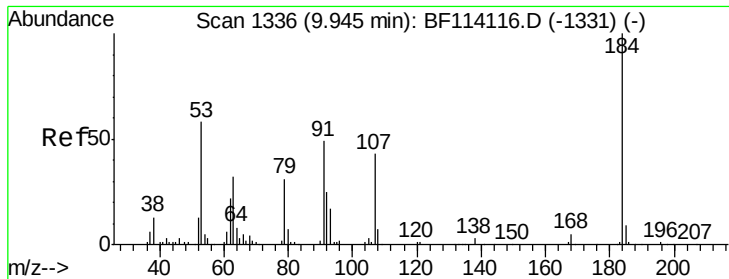
194 4.0 3.4 5.0

164 9.6 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

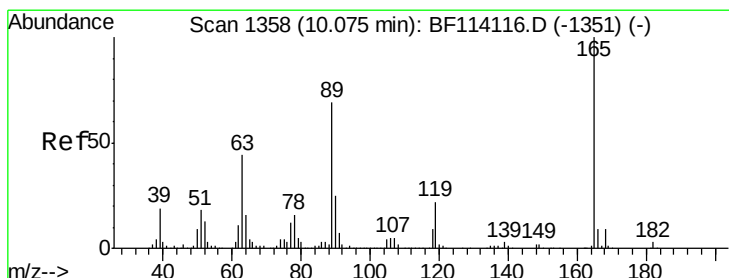
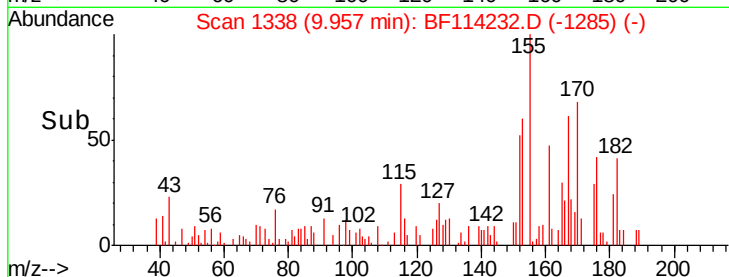
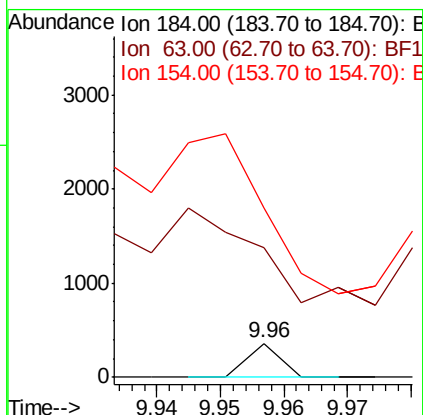
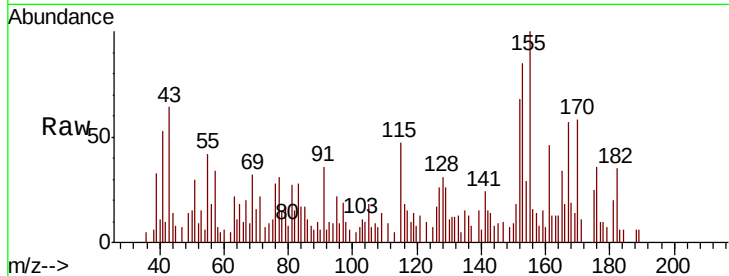




#54
2,4-Dinitrophenol
Concen: 6.776 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

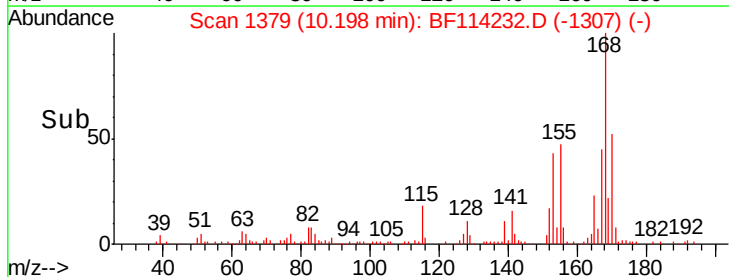
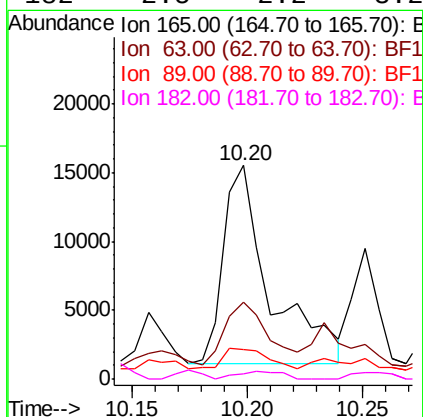
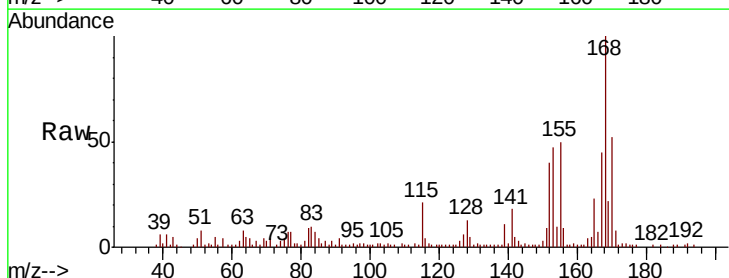
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

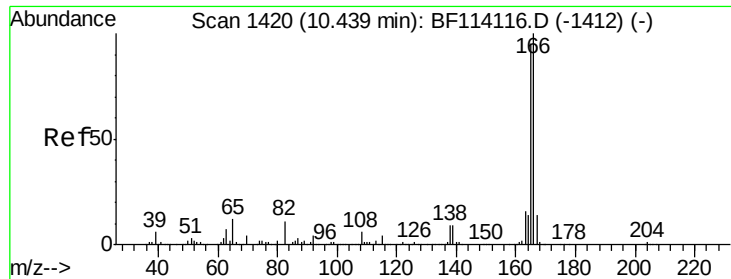
Tgt Ion:184 Resp: 127
Ion Ratio Lower Upper
184 100
63 382.2 55.6 83.4#
154 501.1 46.0 69.0#



#57
2,4-Dinitrotoluene
Concen: 2.022 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.12 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:165 Resp: 20436
Ion Ratio Lower Upper
165 100
63 36.0 35.5 53.3
89 13.8 55.2 82.8#
182 2.5 2.2 3.2

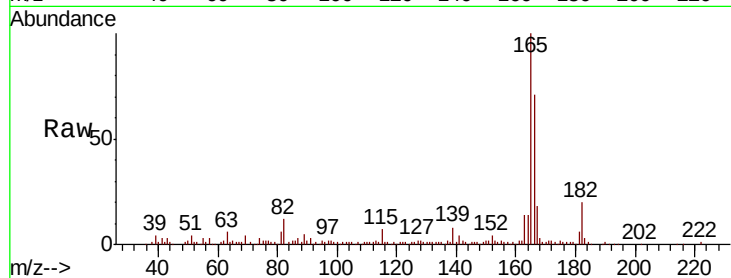




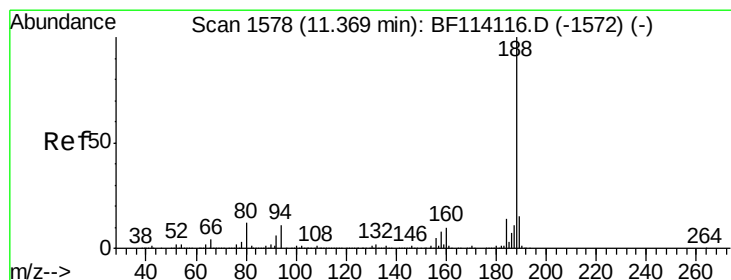
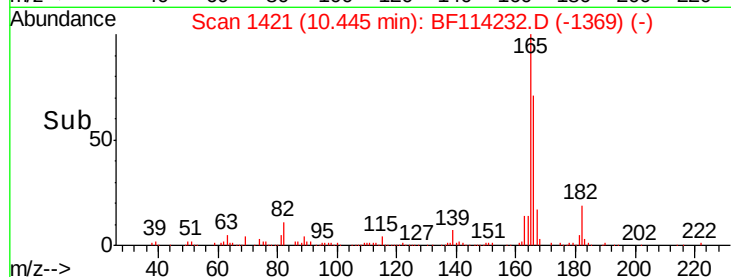
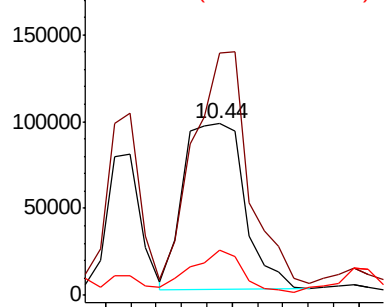
#58
 Fluorene
 Concen: 5.089 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01

Tgt Ion:166 Resp: 159950
 Ion Ratio Lower Upper
 166 100
 165 141.7 76.1 114.1#
 167 26.2 11.1 16.7#

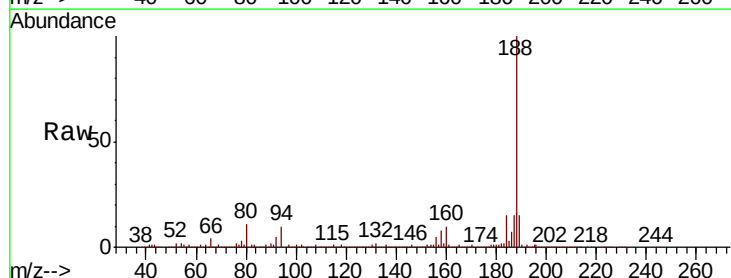


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

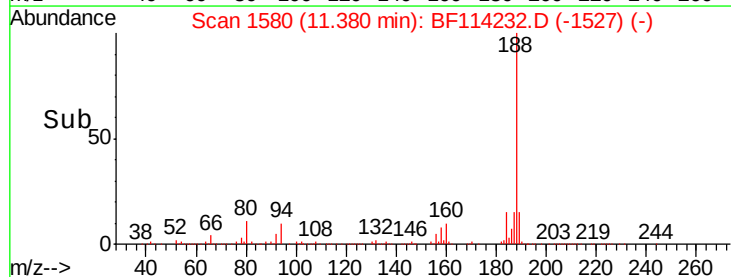
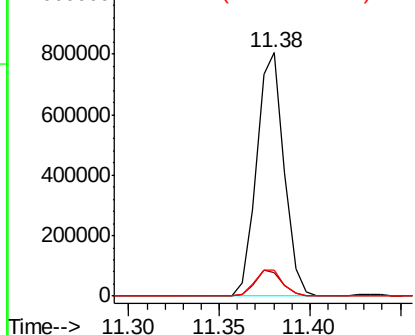


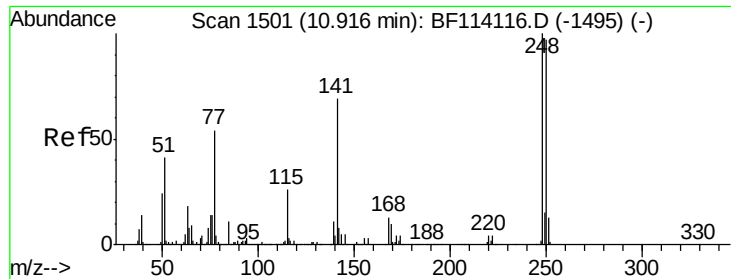
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Tgt Ion:188 Resp: 837488
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.4 12.6
 80 10.6 9.2 13.8



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

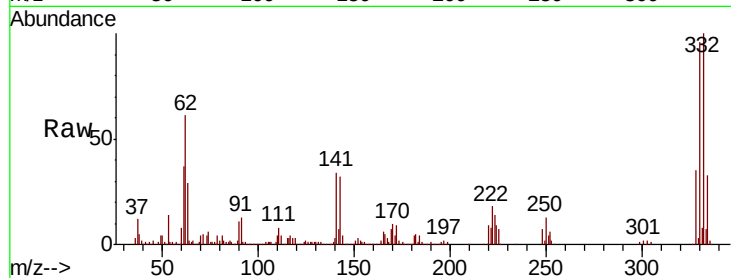




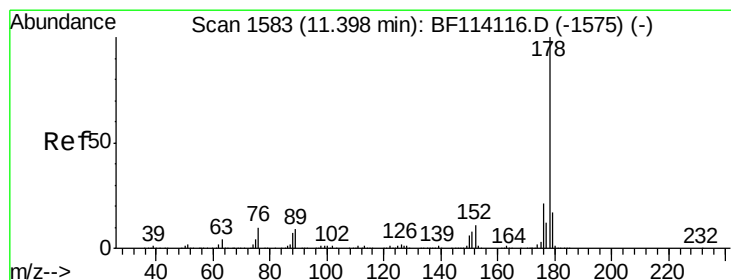
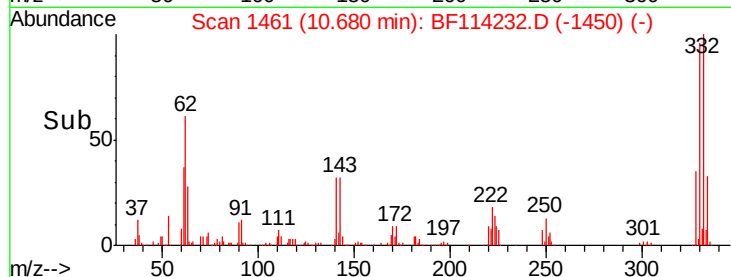
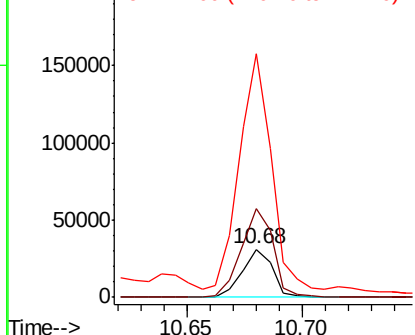
#67
 4-Bromophenyl-phenylether
 Concen: 3.109 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01

Tgt Ion:248 Resp: 28671
 Ion Ratio Lower Upper
 248 100
 250 185.8 77.4 116.2#
 141 506.1 55.6 83.4#

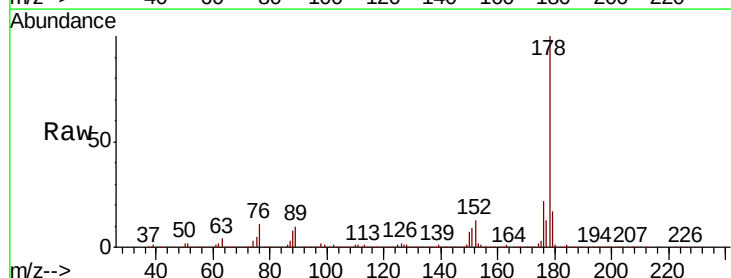


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

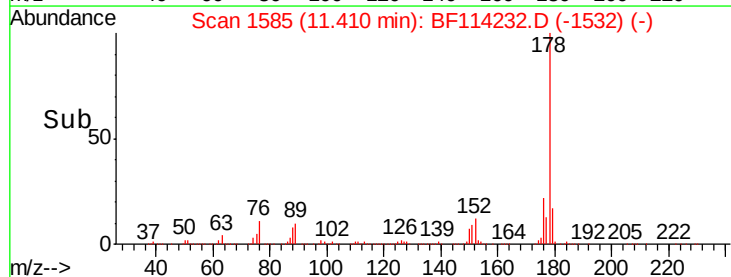
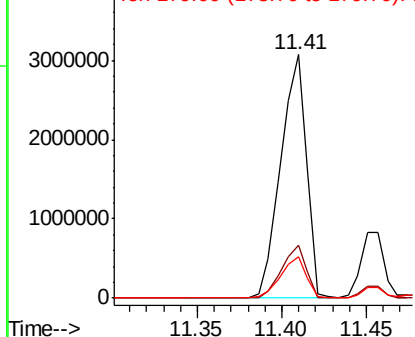


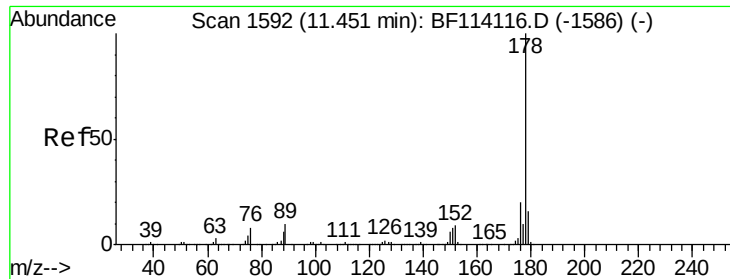
#71
 Phenanthrene
 Concen: 80.148 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114232.D
 Acq: 13 May 2019 16:42

Tgt Ion:178 Resp: 3265607
 Ion Ratio Lower Upper
 178 100
 176 21.9 16.4 24.6
 179 17.3 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: 18.736 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

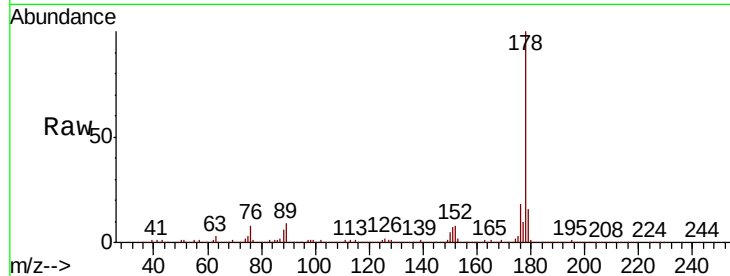
Tgt Ion:178 Resp: 766772

Ion Ratio Lower Upper

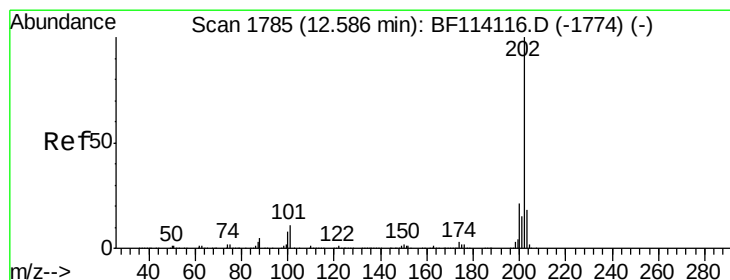
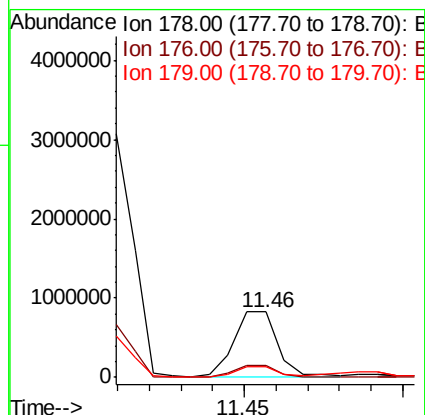
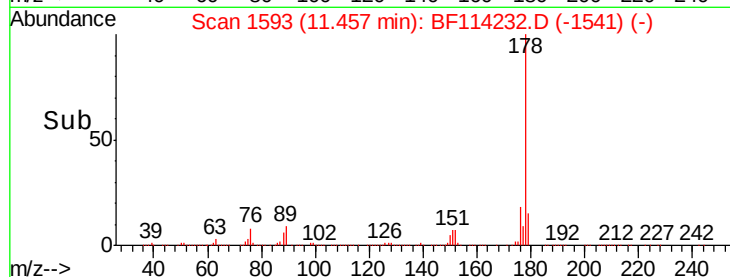
178 100

176 18.4 15.8 23.8

179 15.5 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



#75

Fluoranthene

Concen: 104.652 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

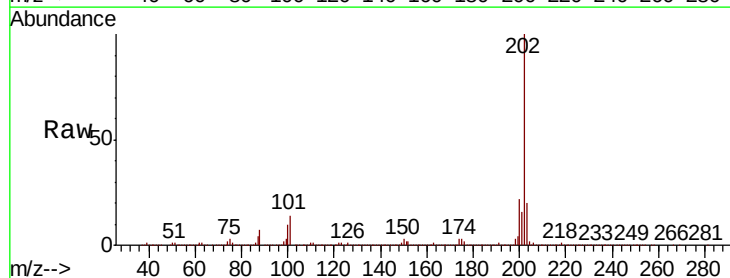
Tgt Ion:202 Resp: 4591800

Ion Ratio Lower Upper

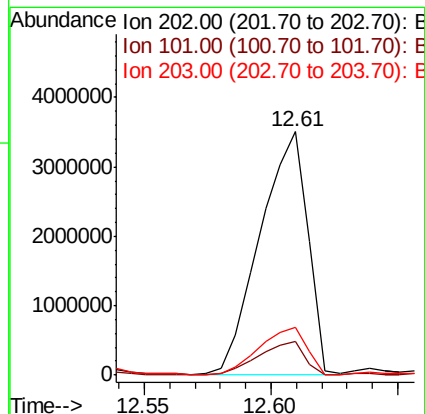
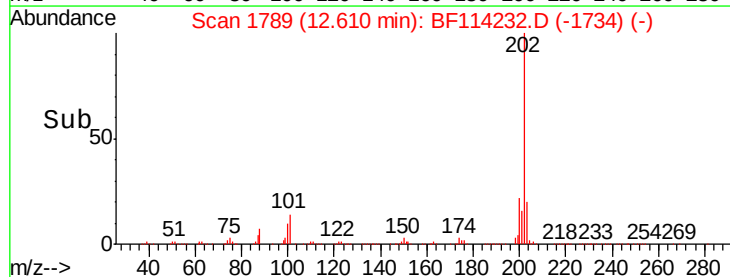
202 100

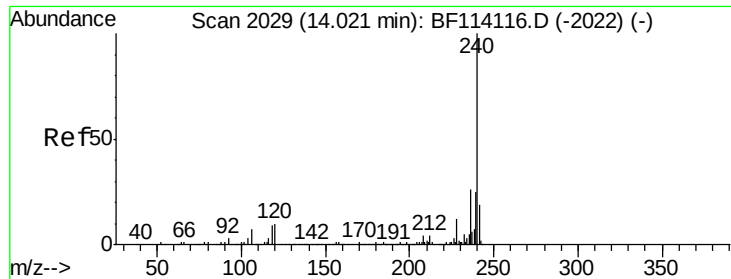
101 14.0 0.0 31.0

203 19.8 0.0 38.4



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

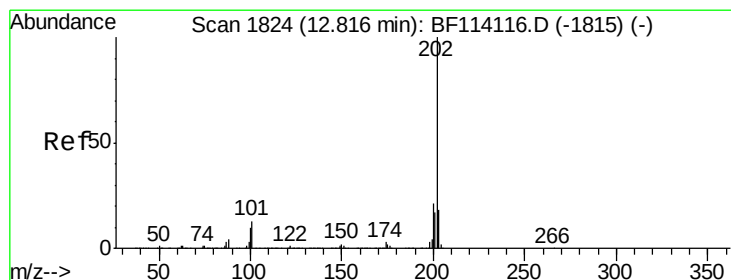
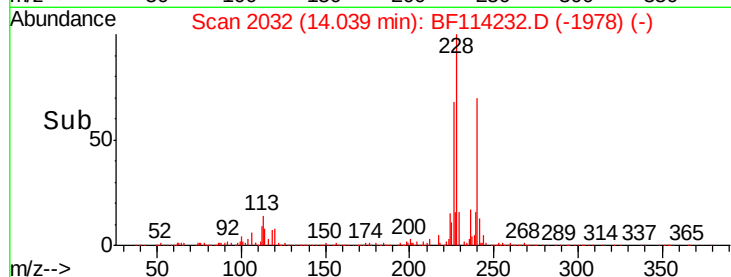
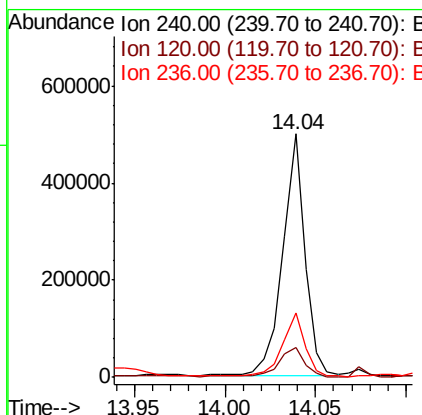
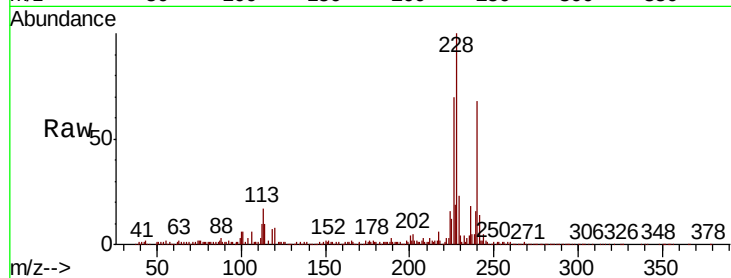




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

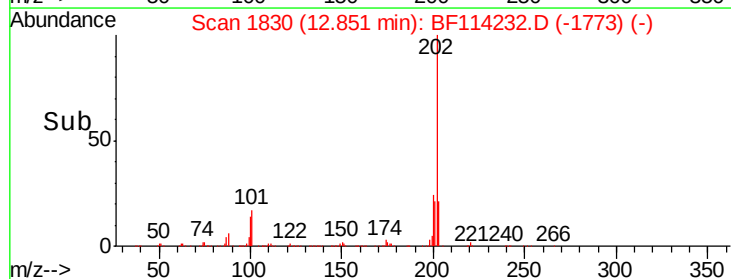
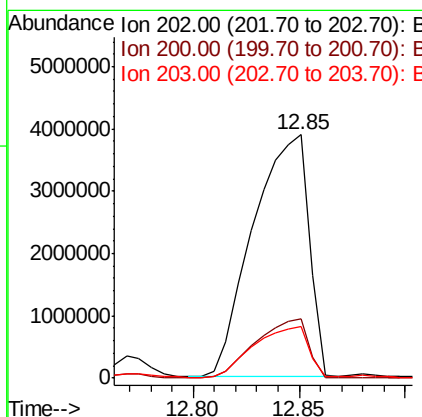
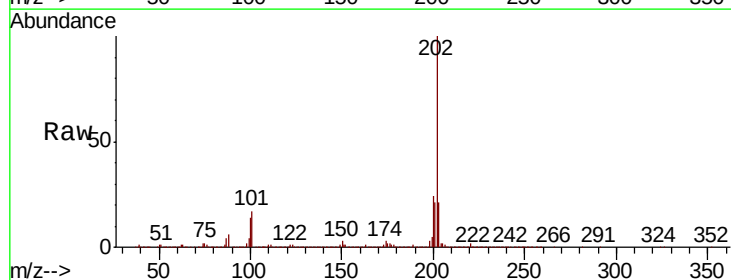
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01

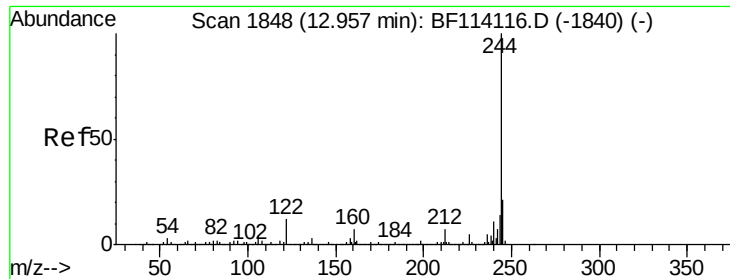
Tgt Ion:240 Resp: 427238
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 26.4 20.8 31.2



#78
Pyrene
Concen: 208.193 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.04 min
Lab File: BF114232.D
Acq: 13 May 2019 16:42

Tgt Ion:202 Resp: 7155445
Ion Ratio Lower Upper
202 100
200 24.5 16.9 25.3
203 21.1 14.5 21.7





#79

Terphenyl-d14

Concen: 68.193 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

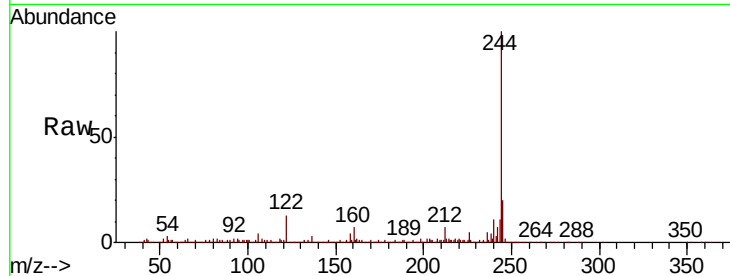
Tgt Ion:244 Resp: 1413312

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

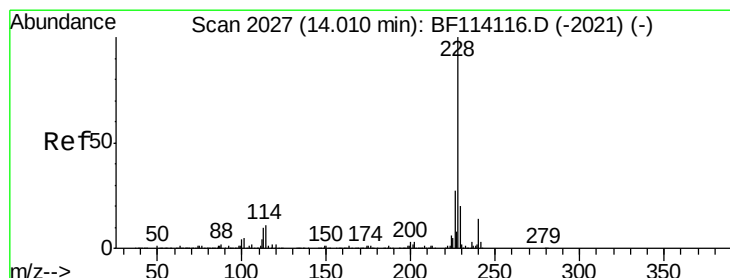
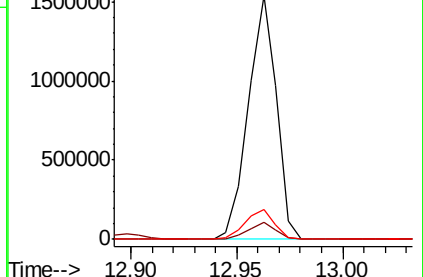
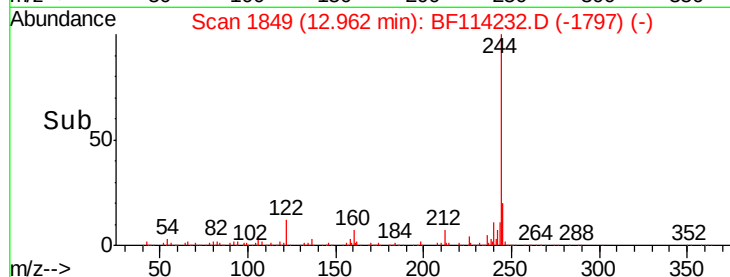
122 12.5 9.4 14.2



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



#81

Benzo(a)anthracene

Concen: 121.828 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

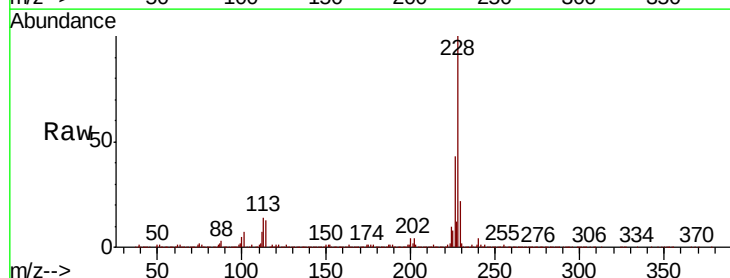
Tgt Ion:228 Resp: 3366550

Ion Ratio Lower Upper

228 100

226 43.2 22.2 33.2#

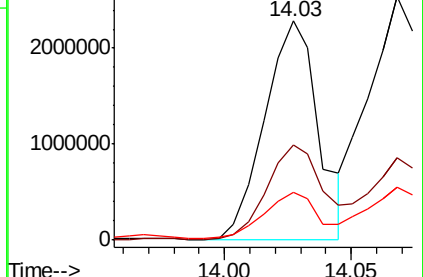
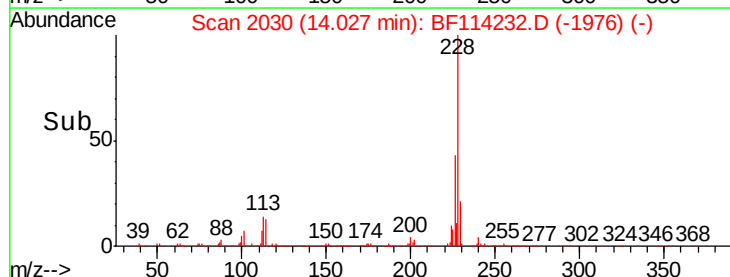
229 21.9 16.4 24.6

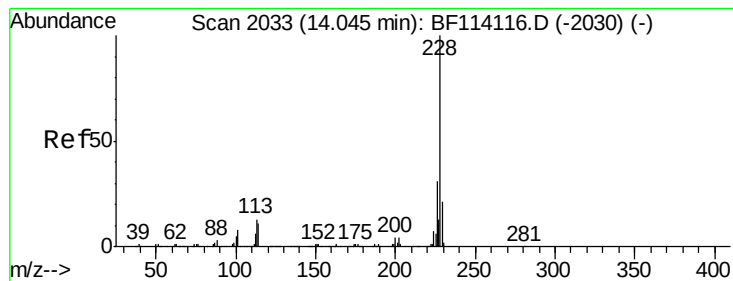


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 122.161 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

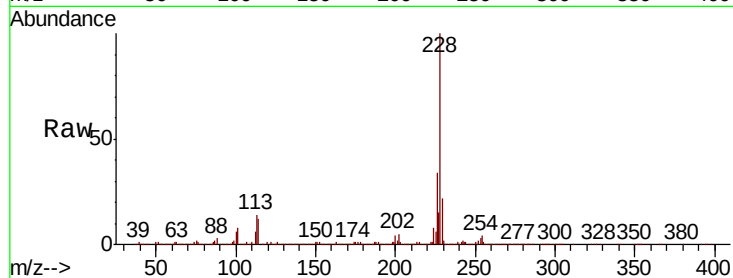
Tgt Ion:228 Resp: 3309165

Ion Ratio Lower Upper

228 100

226 33.9 25.0 37.6

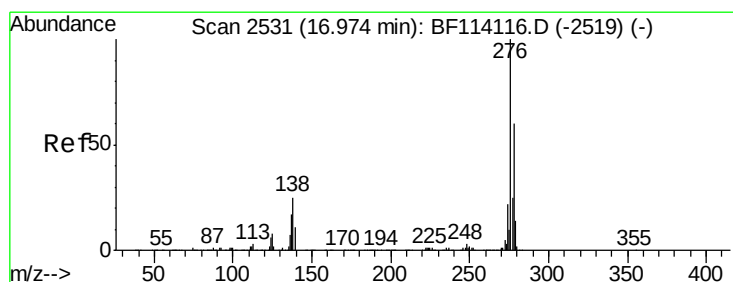
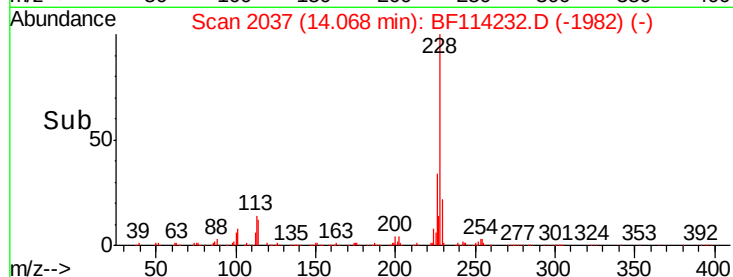
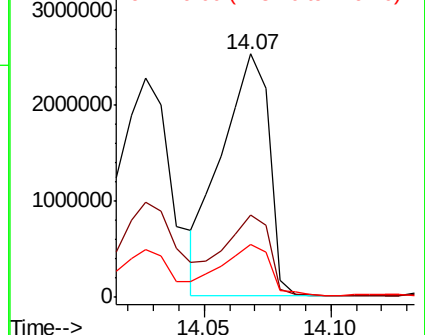
229 21.9 17.0 25.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 73.912 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.06 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

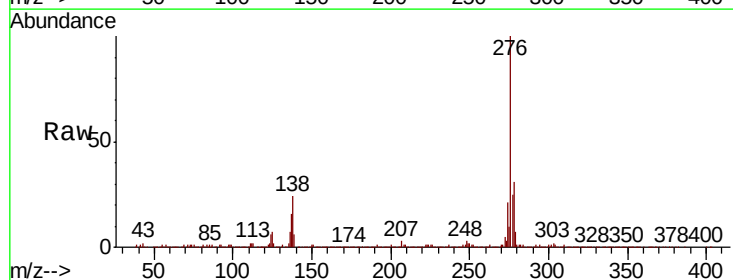
Tgt Ion:276 Resp: 1769480

Ion Ratio Lower Upper

276 100

138 22.6 20.2 30.2

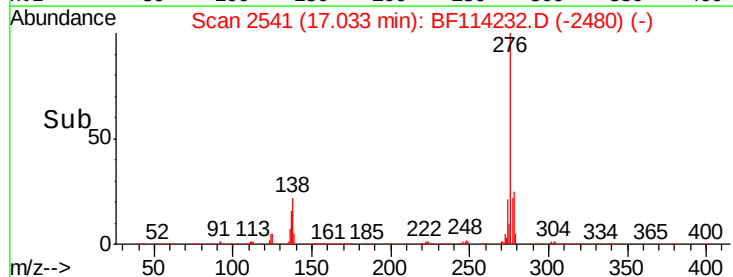
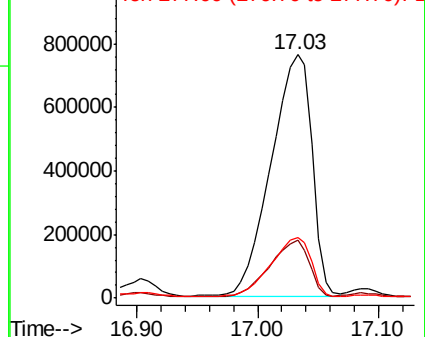
277 23.9 20.0 30.0

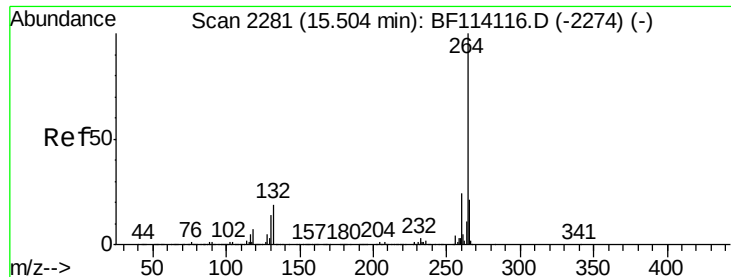


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.04 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

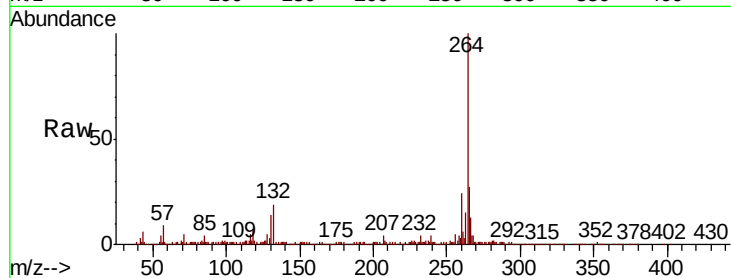
Tgt Ion:264 Resp: 580830

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

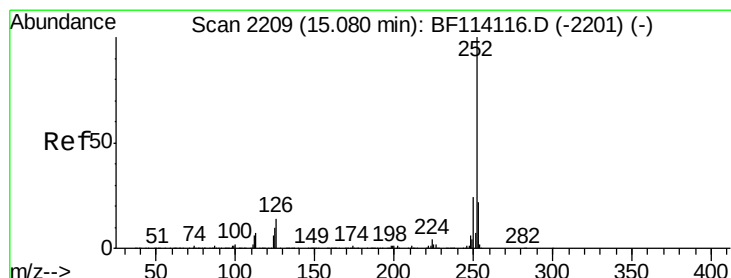
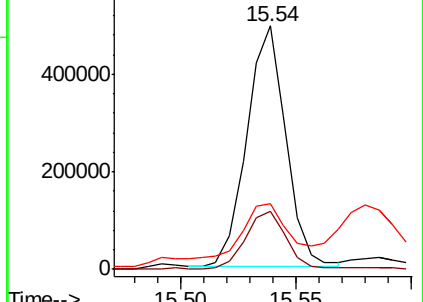
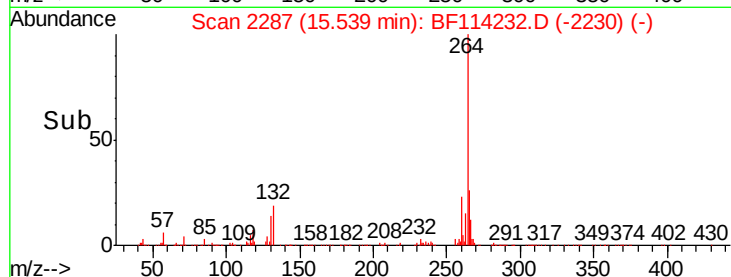
265 27.1 16.9 25.3#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 139.619 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.04 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

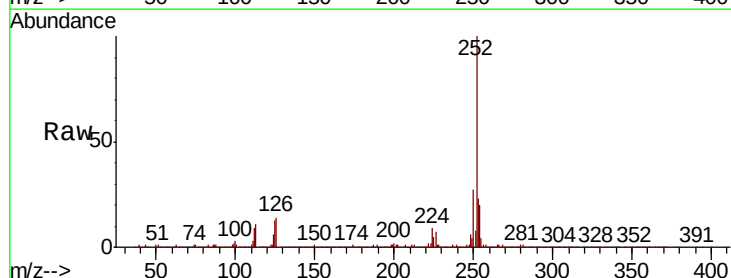
Tgt Ion:252 Resp: 5195417

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

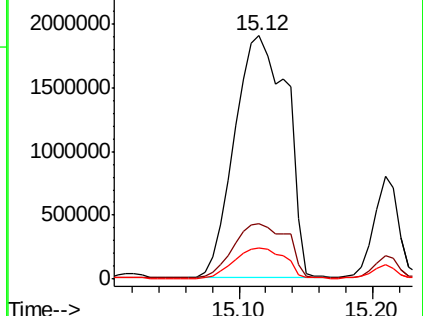
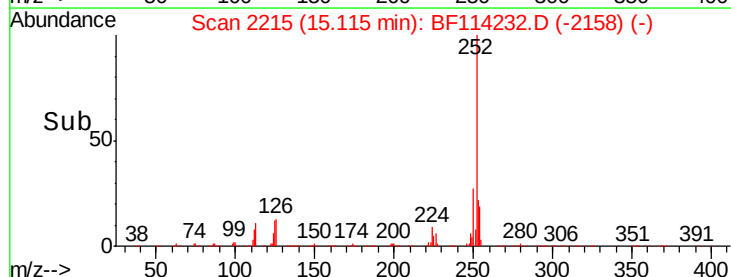
125 12.5 8.3 12.5#

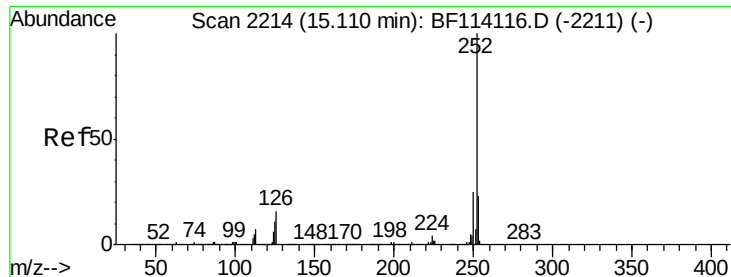


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 151.991 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

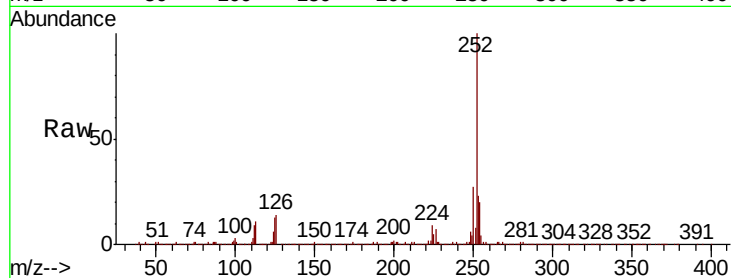
Tgt Ion:252 Resp: 5195417

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 12.5 8.6 13.0

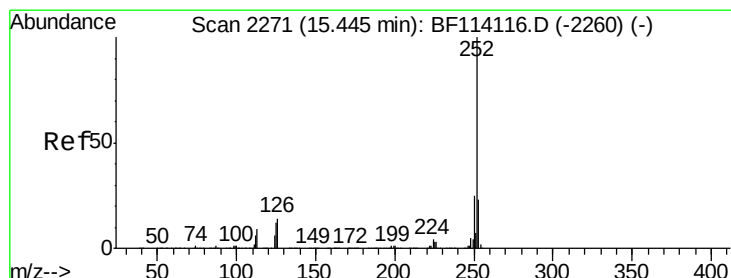
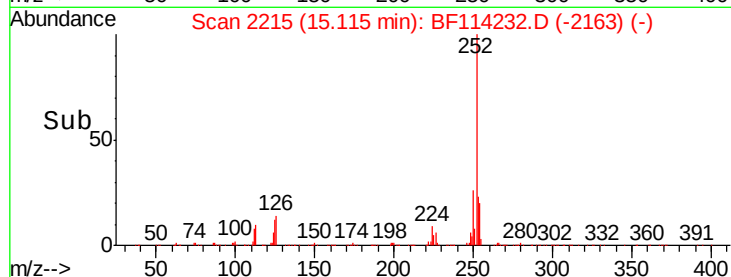
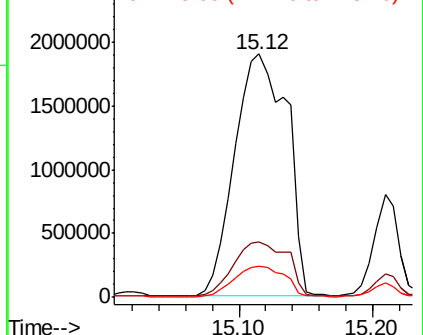


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 91.560 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.04 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

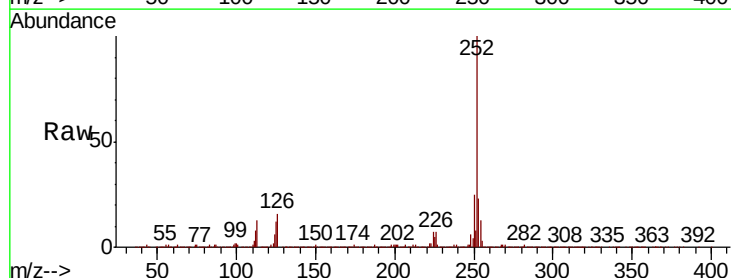
Tgt Ion:252 Resp: 2998494

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 12.4 9.5 14.3

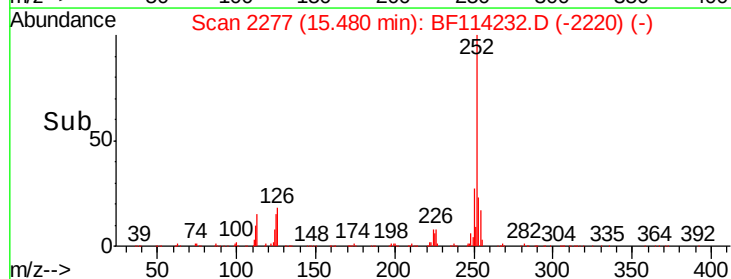
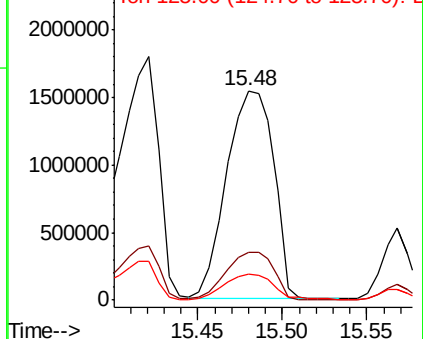


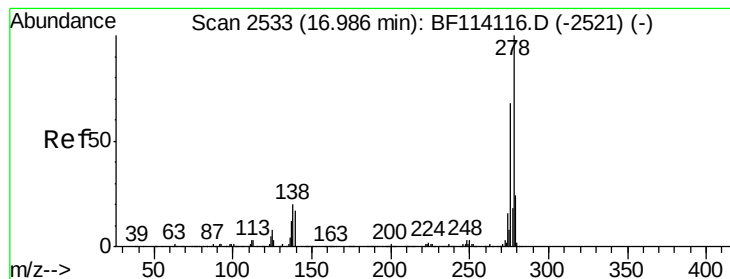
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 18.334 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.05 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01

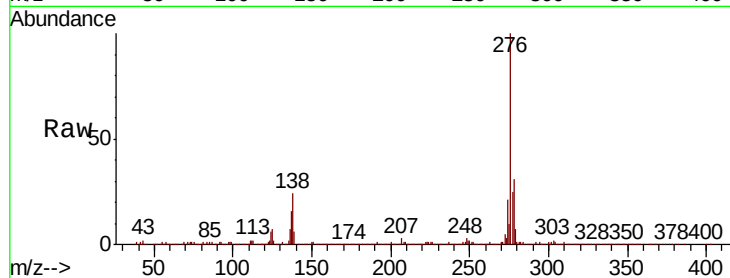
Tgt Ion:278 Resp: 498924

Ion Ratio Lower Upper

278 100

139 19.9 13.5 20.3

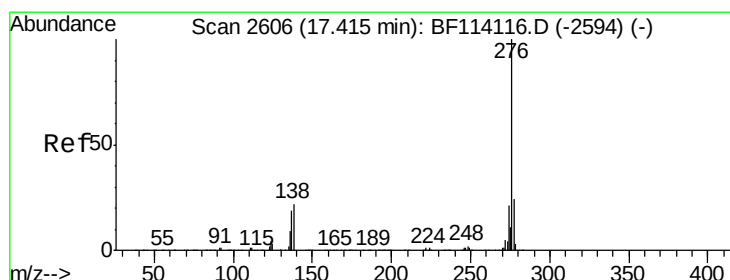
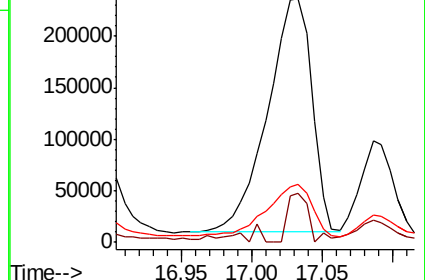
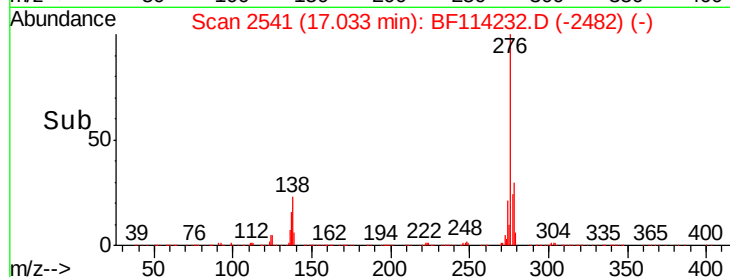
279 23.8 19.0 28.6



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: 70.824 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.08 min

Lab File: BF114232.D

Acq: 13 May 2019 16:42

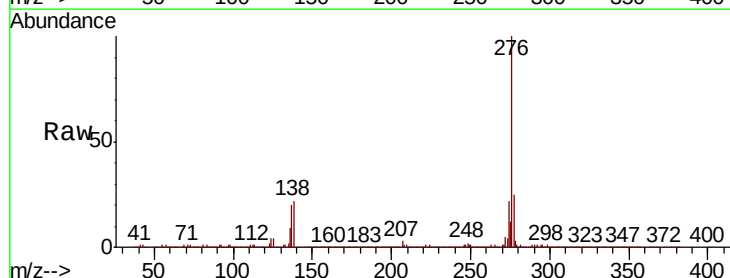
Tgt Ion:276 Resp: 1931466

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 22.3 17.8 26.6



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

