

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116012.D
 Acq On : 6 Aug 2019 14:49
 Operator : HP/JU
 Sample : K4135-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

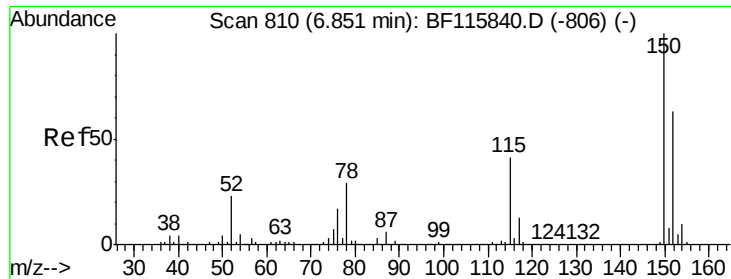
Quant Time: Aug 07 01:13:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130240	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	497539	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260865	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	456156	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	299886	20.00	ng	-0.02
87) Perylene-d12	15.46	264	357070	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	935389	120.23	ng	0.00
7) Phenol-d6	6.48	99	1223868	124.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	807150	93.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	311144	123.02	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1312359	94.23	ng	-0.02
79) Terphenyl-d14	12.95	244	1387928	97.52	ng	-0.02

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	105221	17.299	ng	# 78
25) Isophorone	7.40	82	807538	48.996	ng	# 66
50) Dimethylphthalate	9.59	163	129157	7.272	ng	99
52) Acenaphthene	9.90	154	54689	3.986	ng	99
56) 4-Nitrophenol	10.08	139	14328	4.689	ng	# 8
57) 2,4-Dinitrotoluene	9.87	165	33078	6.436	ng	# 24
58) Fluorene	10.42	166	53760	3.502	ng	97
67) 4-Bromophenyl-phenylether	10.66	248	19009	3.893	ng	# 1
71) Phenanthrene	11.39	178	857757	36.783	ng	99
72) Anthracene	11.44	178	245644	10.408	ng	99
73) Carbazole	11.59	167	61530	2.874	ng	98
75) Fluoranthene	12.58	202	1131734	46.357	ng	97
78) Pvrene	12.81	202	945473	41.824	ng	99
81) Benzo(a)anthracene	13.99	228	483102	25.204	ng	99
83) Chrysene	14.03	228	385659	20.725	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	219837	14.066	ng	95
88) Benzo(b)fluoranthene	15.04	252	640111	31.004	ng	# 95
89) Benzo(k)fluoranthene	15.04	252	640111	31.831	ng	99
90) Benzo(a)pvrene	15.40	252	349508	18.937	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	51788	3.242	ng	95
92) Benzo(g,h,i)perylene	17.37	276	196719	12.538	ng	100

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

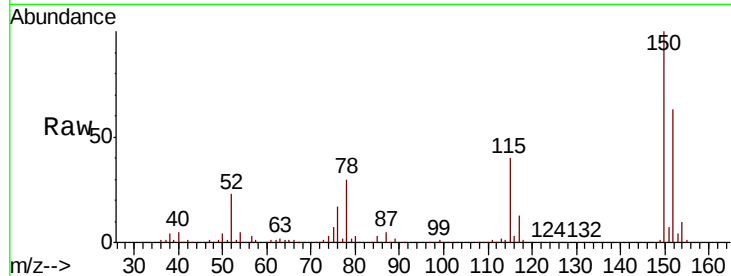


#1

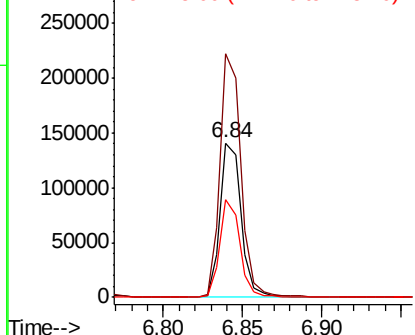
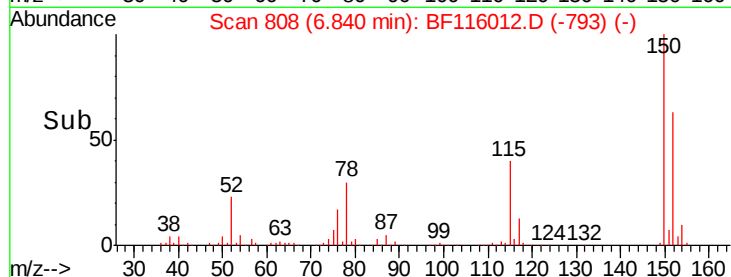
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 130240
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 63.6 51.8 77.8



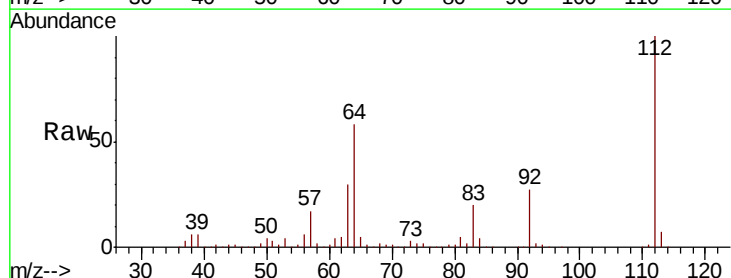
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



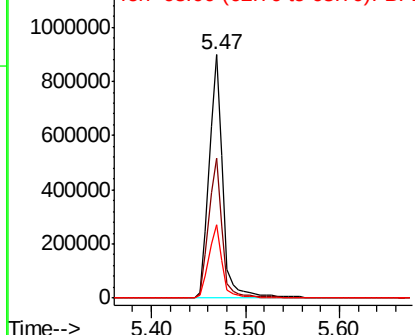
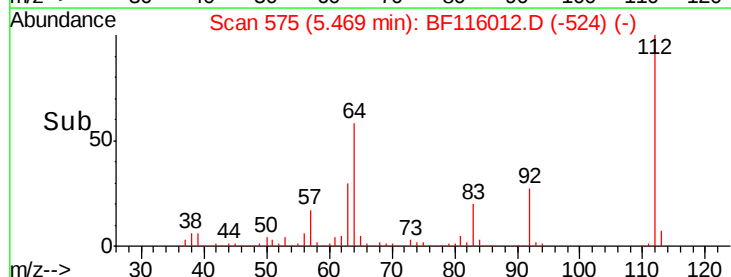
#5

2-Fluorophenol
Concen: 120.232 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion:112 Resp: 935389
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.3 24.2 36.2



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: 124.685 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

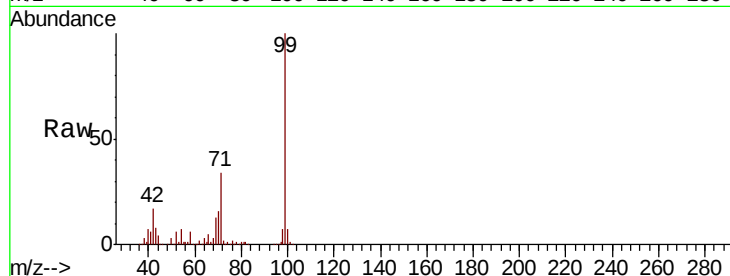
Tot Ion: 99 Resp: 1223868

Ion Ratio Lower Upper

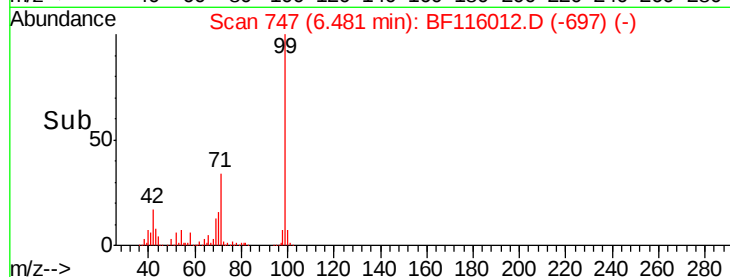
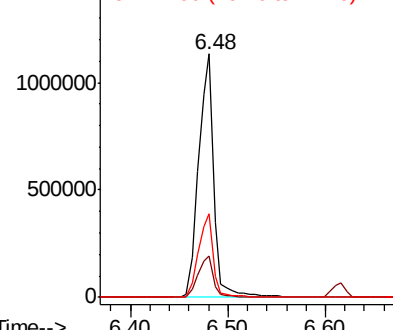
99 100

42 17.0 13.8 20.6

71 34.3 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.299 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Tgt Ion: 70 Resp: 105221

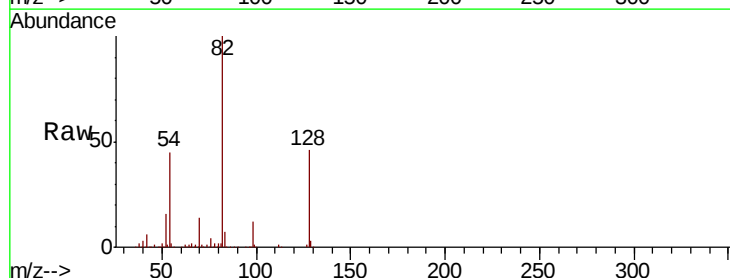
Ion Ratio Lower Upper

70 100

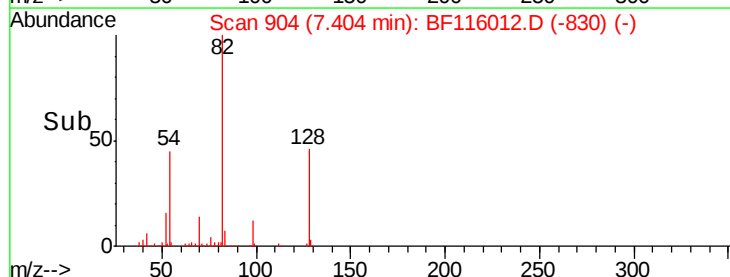
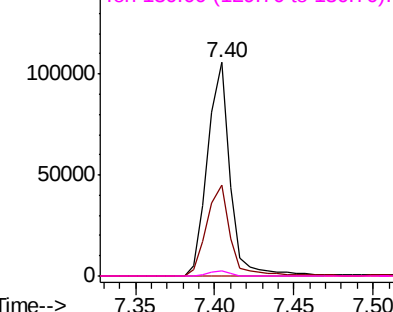
42 42.9 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 497539

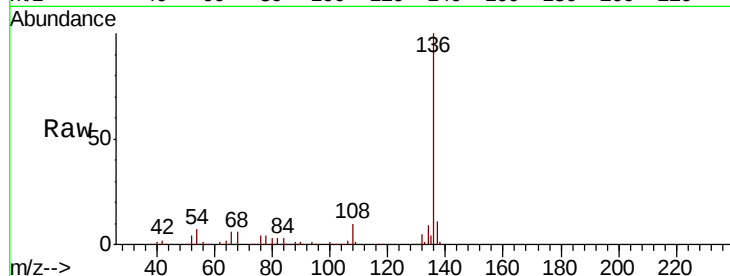
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 6.1 9.1

68 6.3 5.4 8.2

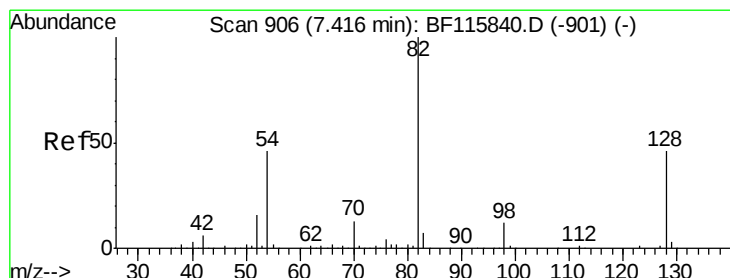
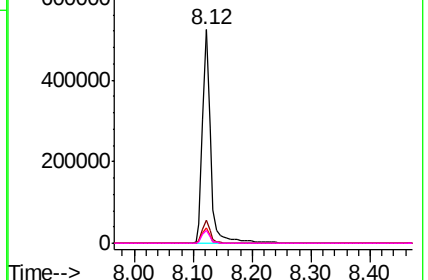
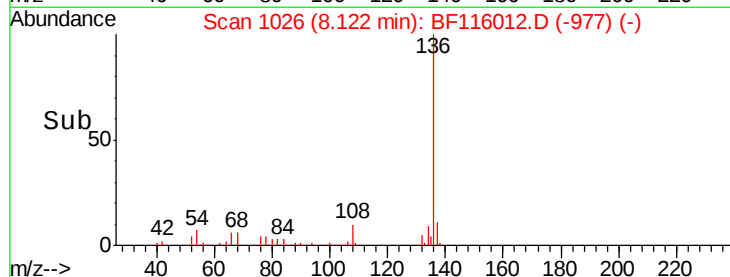


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.643 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

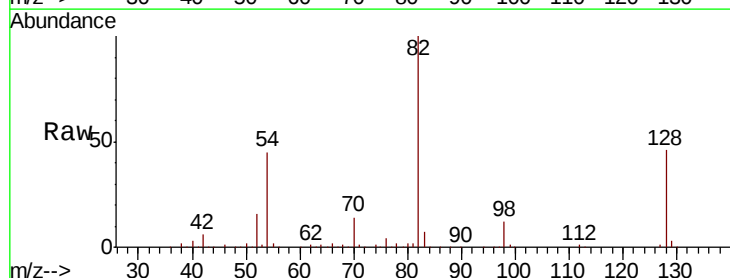
Tgt Ion: 82 Resp: 807150

Ion Ratio Lower Upper

82 100

128 46.0 36.6 55.0

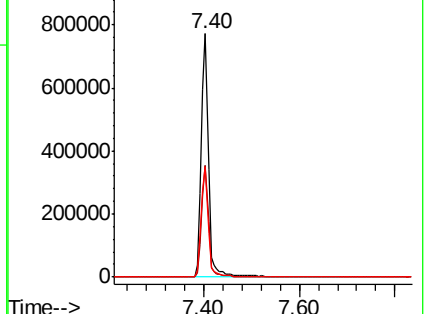
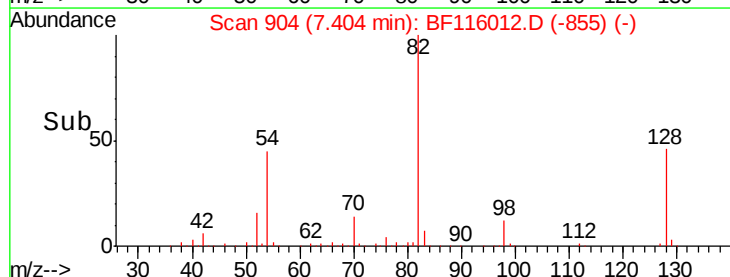
54 45.5 36.6 55.0

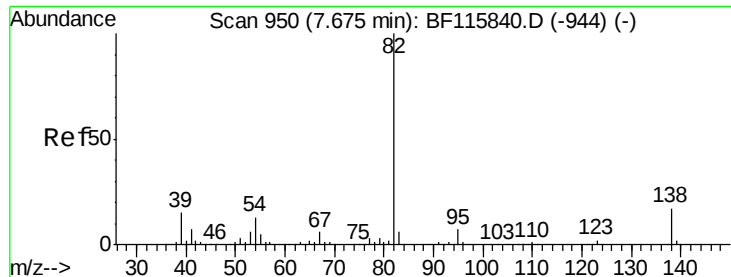


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.996 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampled :

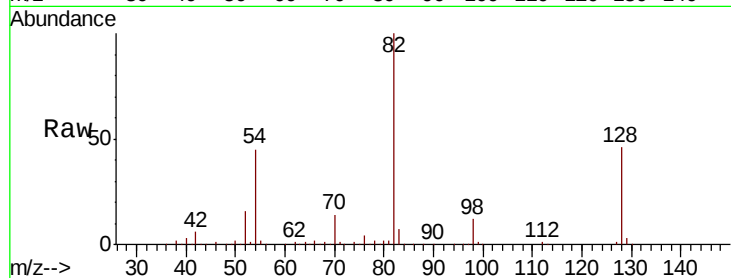
Tot Ion: 82 Resp: 807538

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

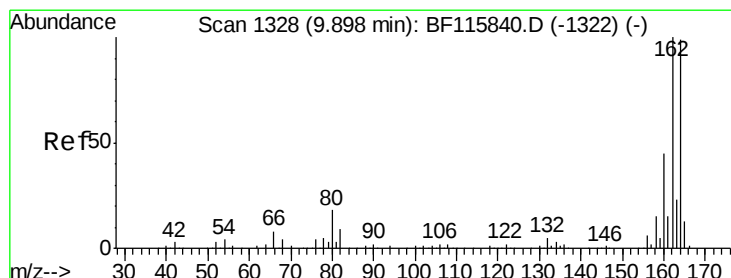
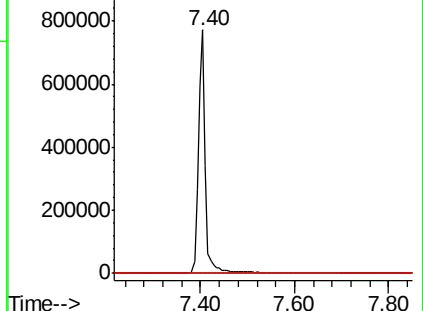
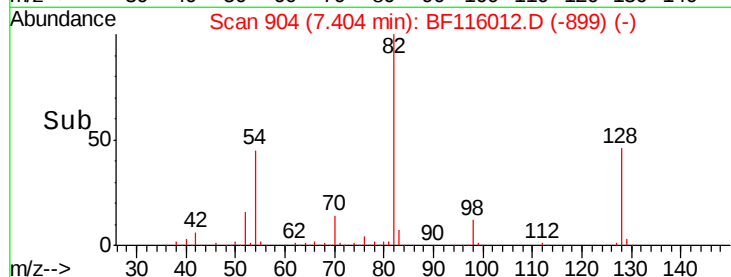
138 0.0 13.9 20.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

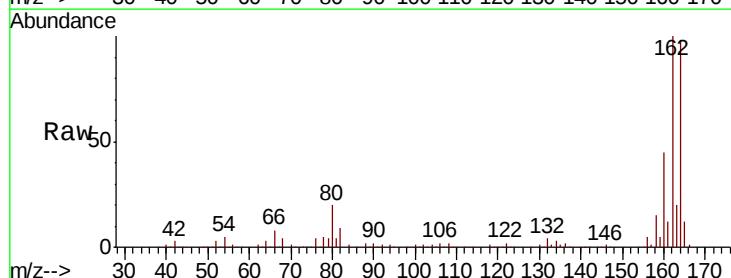
Tgt Ion: 164 Resp: 260865

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

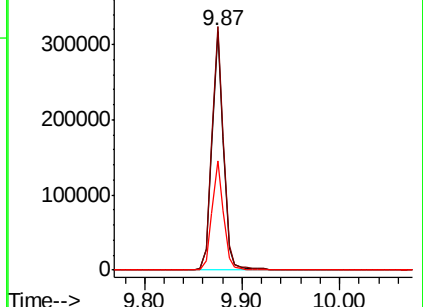
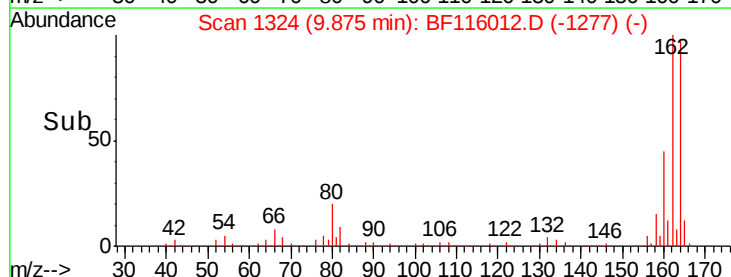
160 45.6 36.2 54.4

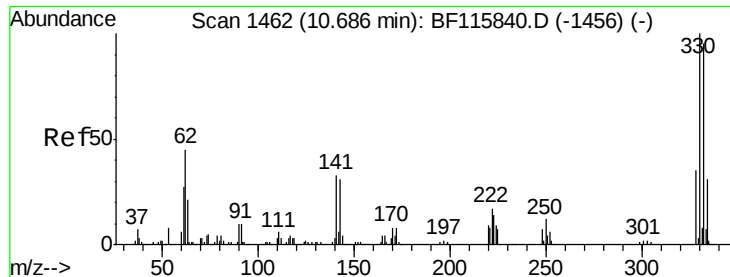


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

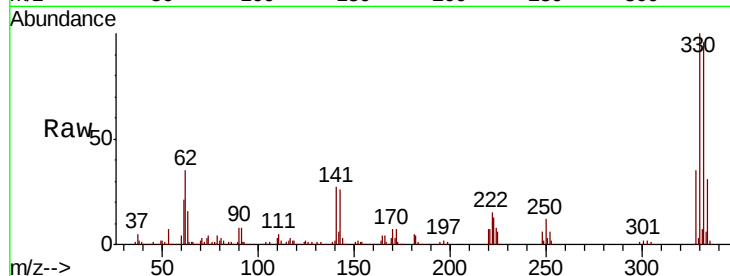




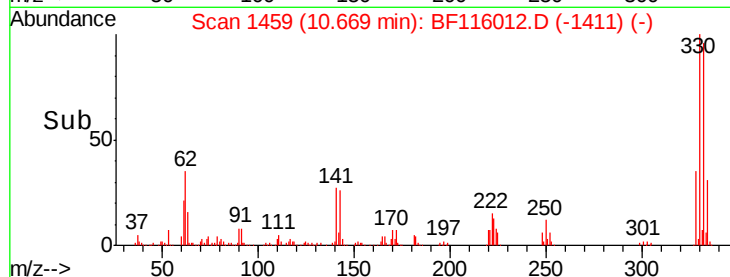
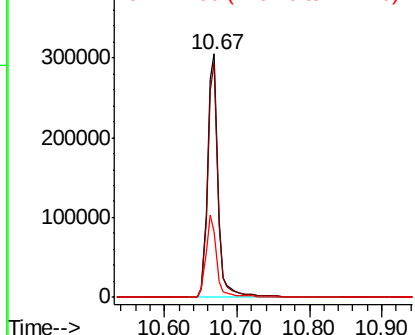
#42
 2,4,6-Tribromophenol
 Concen: 123.023 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116012.D
 Acq: 6 Aug 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 311144
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 34.6 28.1 42.1

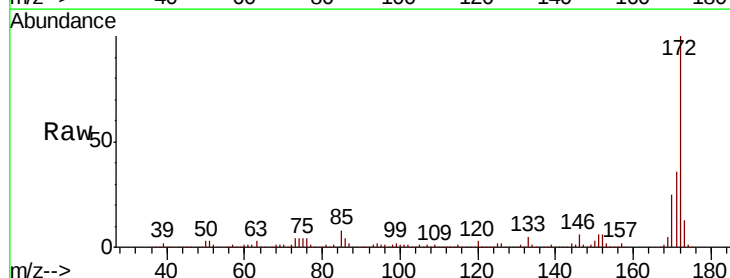


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

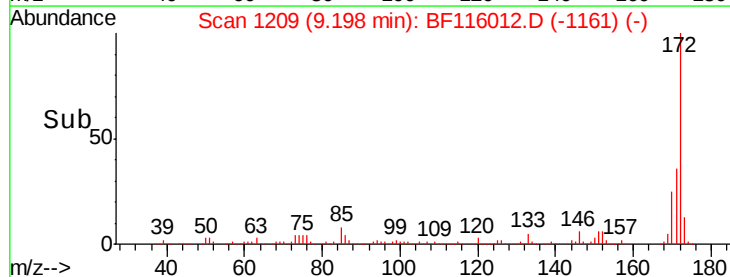
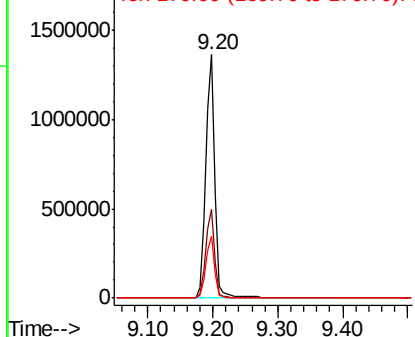


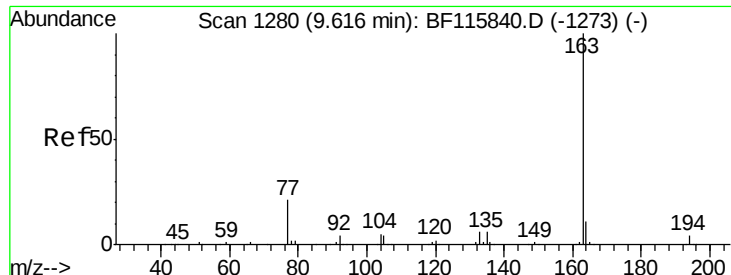
#45
 2-Fluorobiphenyl
 Concen: 94.231 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116012.D
 Acq: 6 Aug 2019 14:49

Tgt Ion:172 Resp: 1312359
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 25.2 20.1 30.1



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

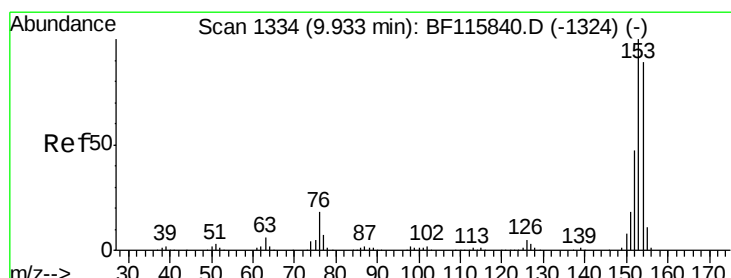
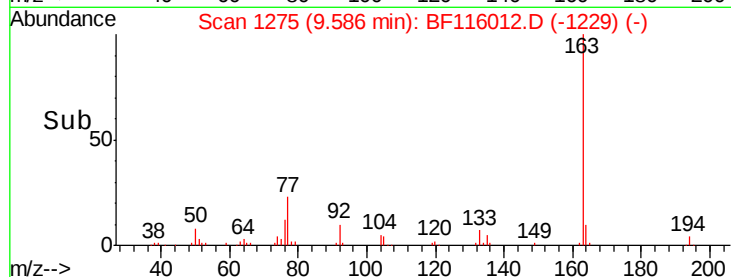
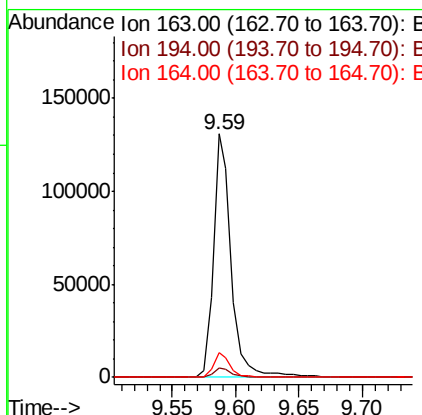
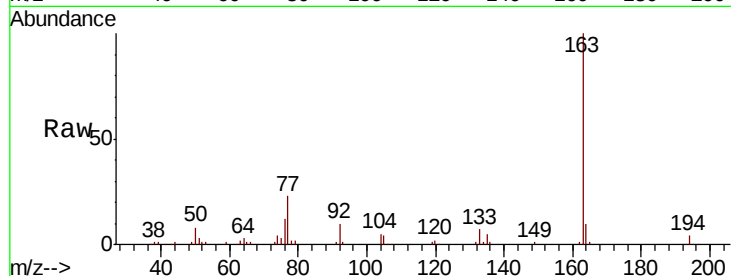




#50
Dimethylphthalate
Concen: 7.272 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

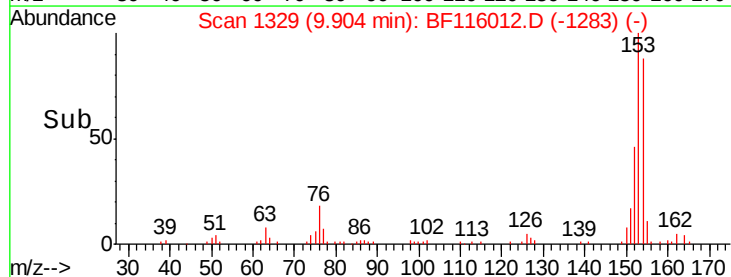
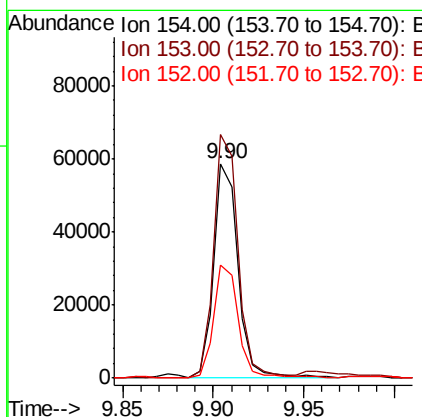
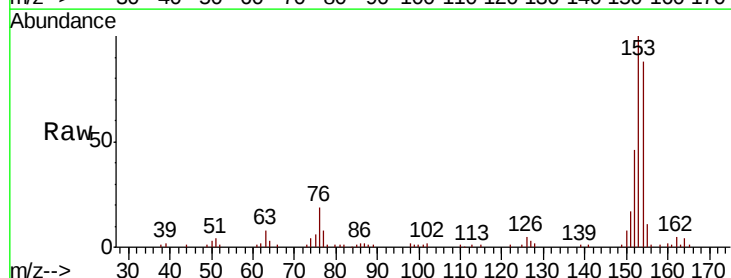
Instrument :
BNA_F
ClientSampleId :

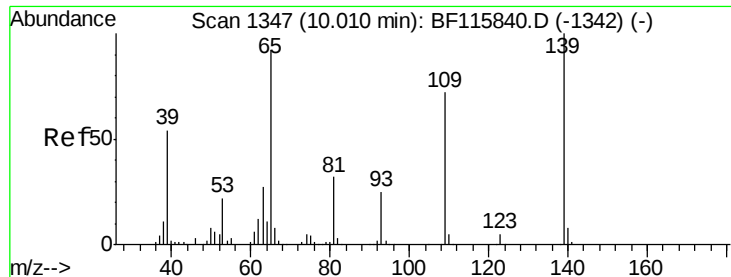
Tot Ion:	163	Resp:	129157
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.1	8.4	12.6



#52
Acenaphthene
Concen: 3.986 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion:	154	Resp:	54689
Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.1	135.1
152	52.8	42.6	63.8

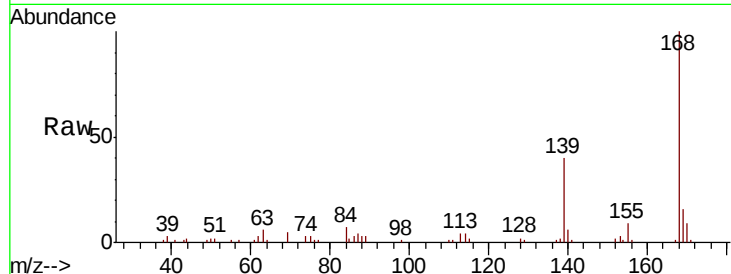




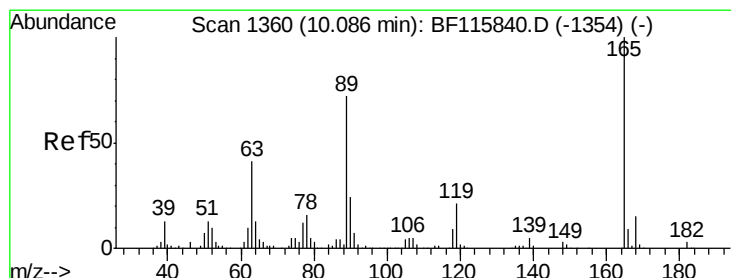
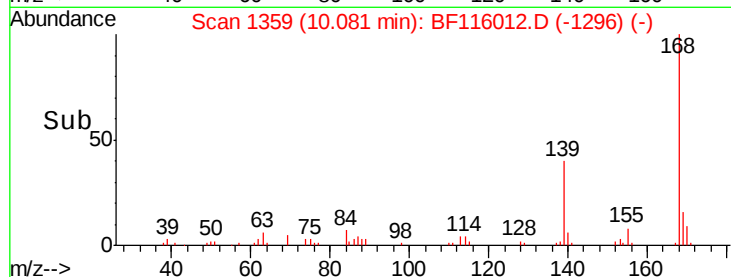
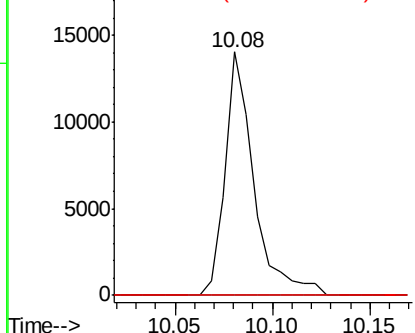
#56
4-Nitrophenol
Concen: 4.689 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.07 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.0	92.0#
65	0.0	72.6	112.6#

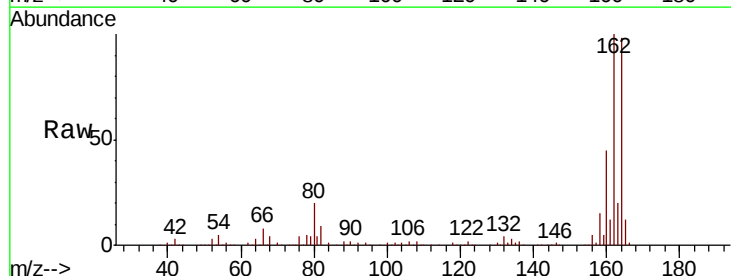


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

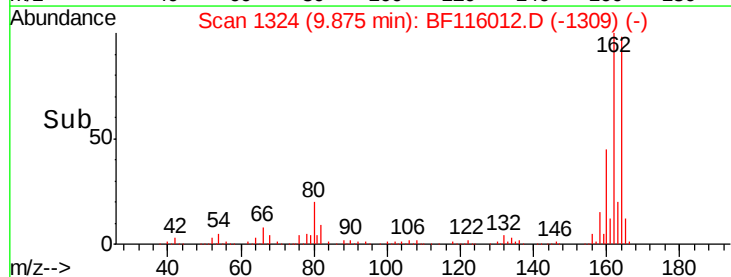
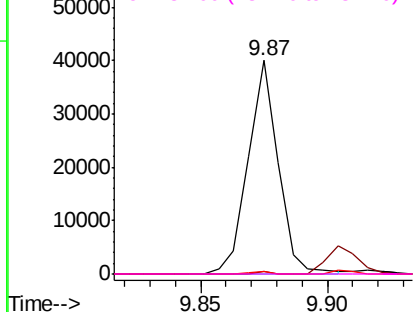


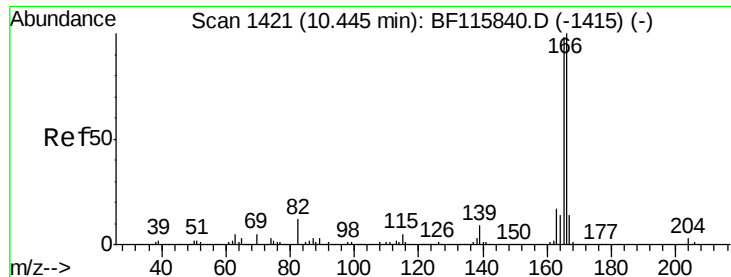
#57
2,4-Dinitrotoluene
Concen: 6.436 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.2	57.3	85.9#
182	0.0	2.1	3.1#



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): BF1





#58

Fluorene

Concen: 3.502 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

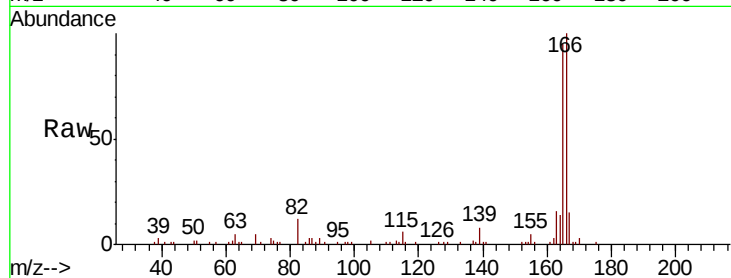
Tot Ion:166 Resp: 53760

Ion Ratio Lower Upper

166 100

165 95.4 78.6 118.0

167 15.1 10.9 16.3

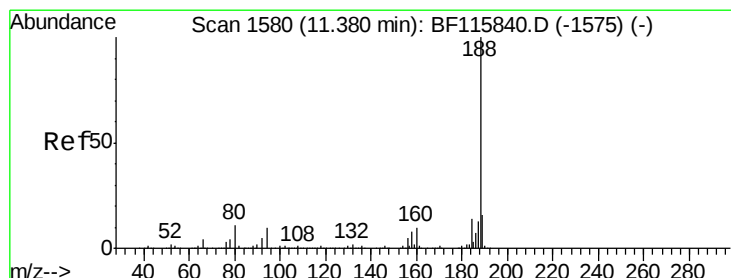
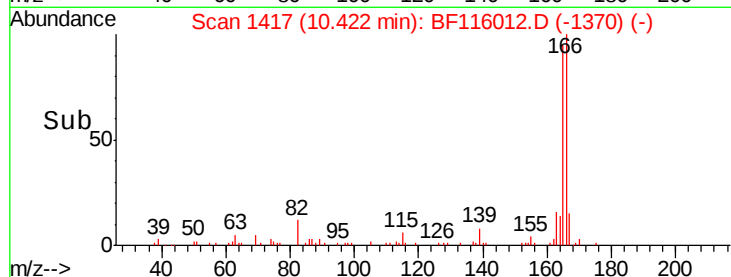
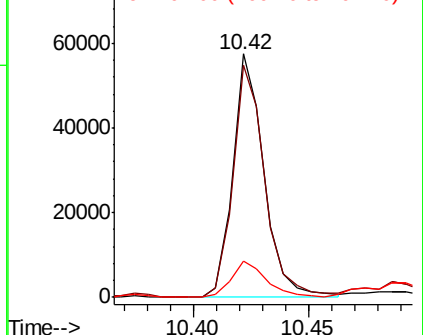


Abundance

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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

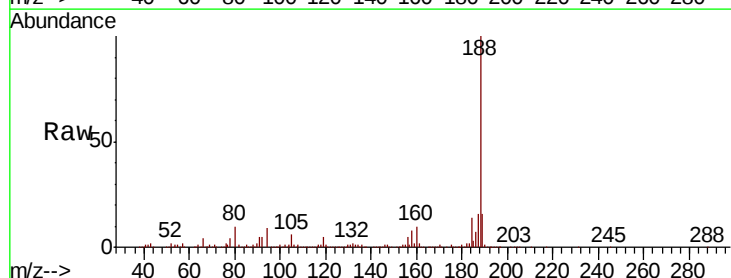
Tgt Ion:188 Resp: 456156

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 10.4 8.6 12.8

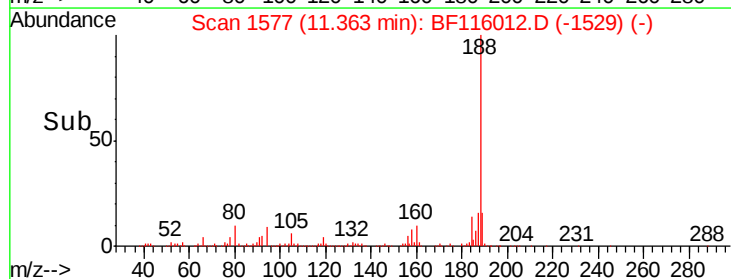
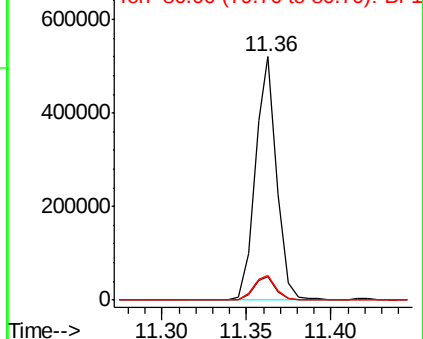


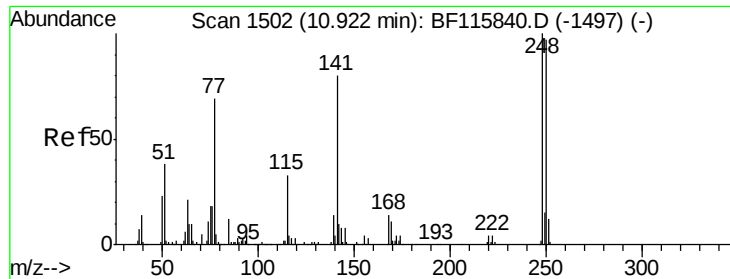
Abundance

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

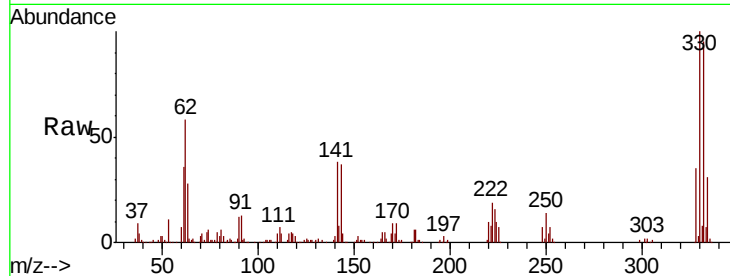




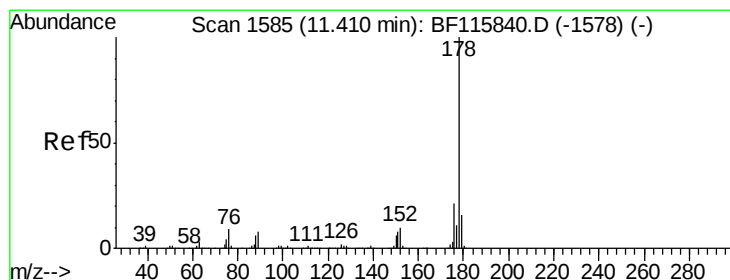
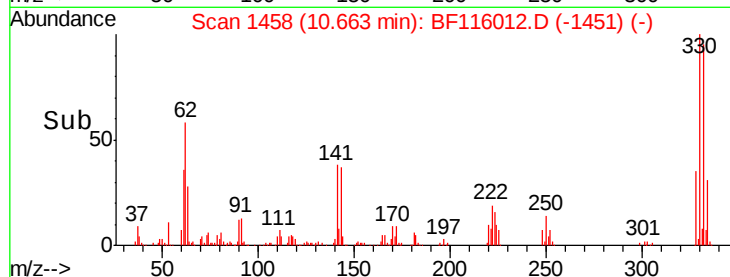
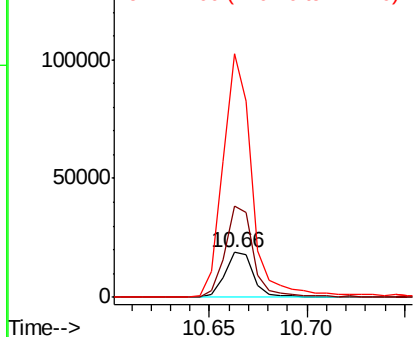
#67
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19009
Ion Ratio Lower Upper
248 100
250 204.0 77.8 116.6#
141 544.2 64.3 96.5#

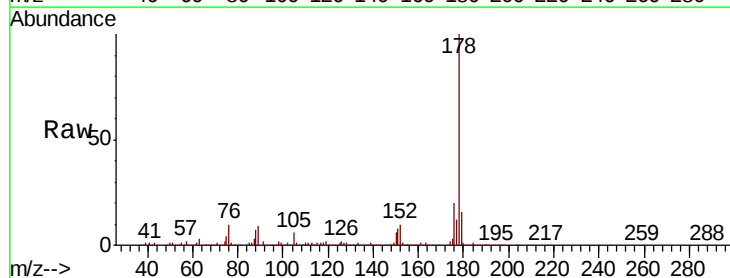


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

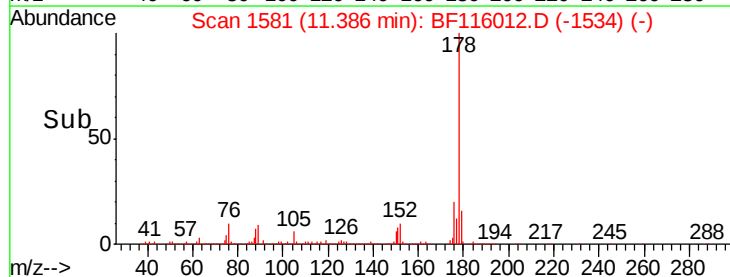
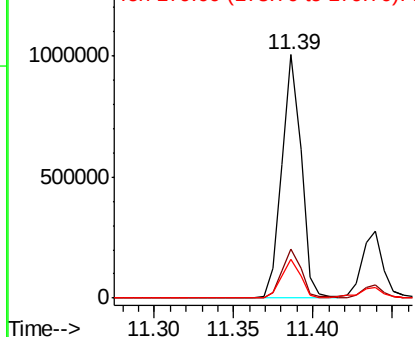


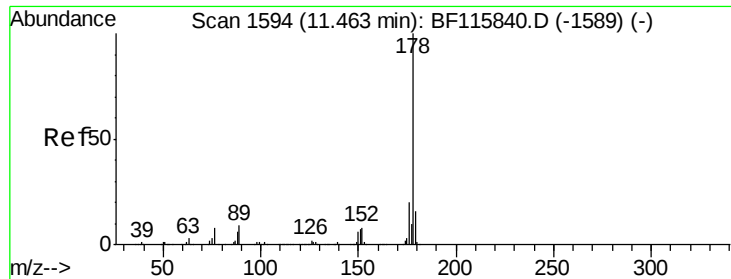
#71
Phenanthrene
Concen: 36.783 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion:178 Resp: 857757
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 16.1 12.6 18.8



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: 10.408 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampled :

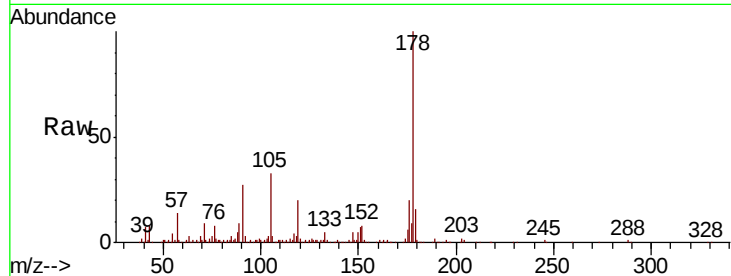
Tot Ion:178 Resp: 245644

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

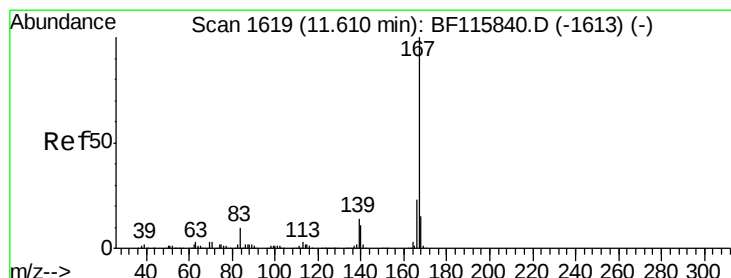
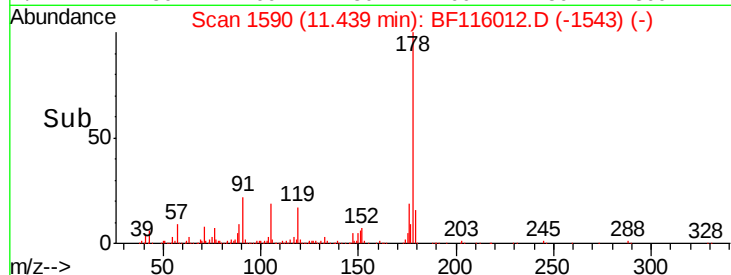
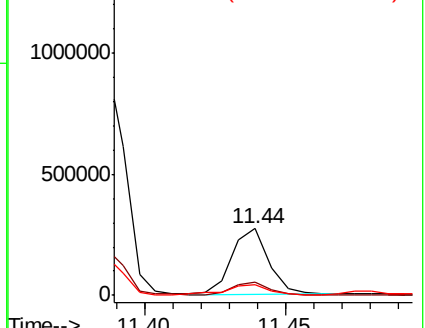
179 16.1 12.4 18.6



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: 2.874 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

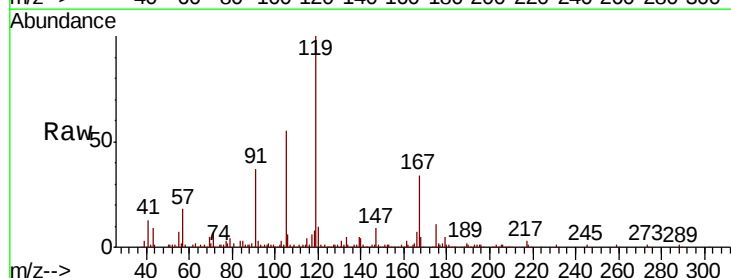
Tgt Ion:167 Resp: 61530

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

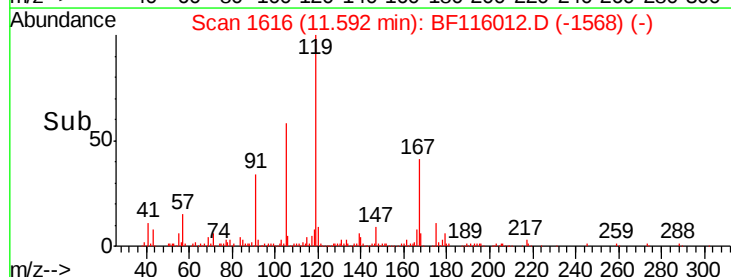
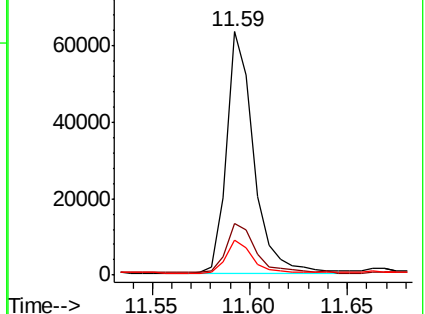
139 14.6 11.4 17.2

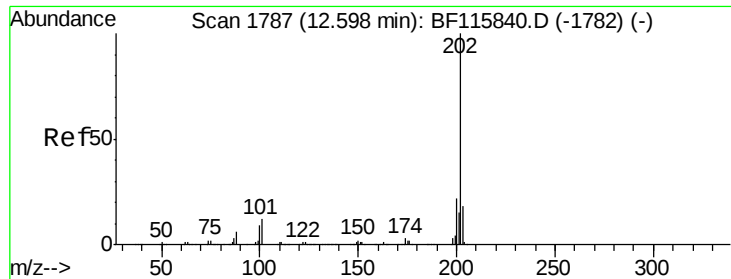


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 46.357 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

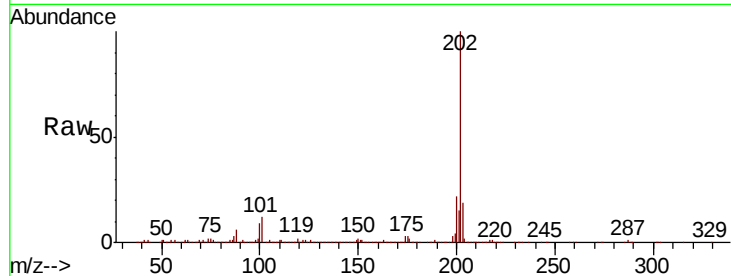
Tot Ion:202 Resp: 1131734

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

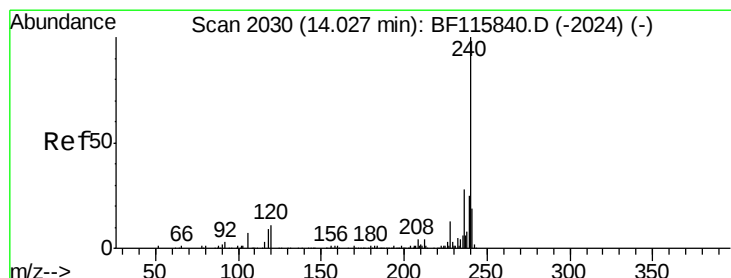
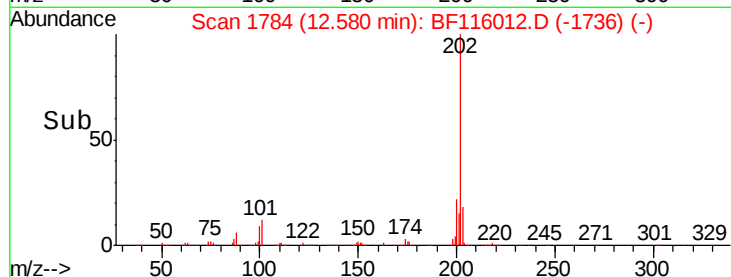
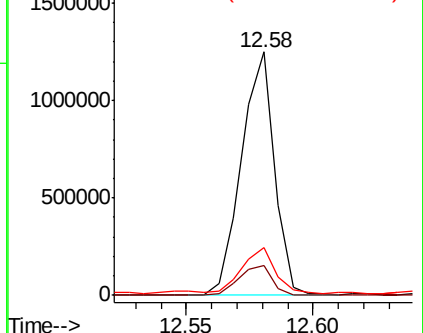
203 19.4 0.0 37.9



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

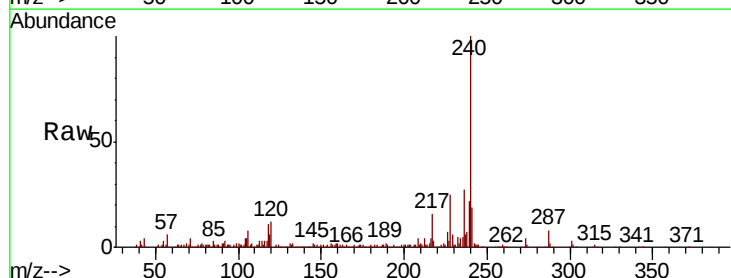
Tgt Ion:240 Resp: 299886

Ion Ratio Lower Upper

240 100

120 11.7 8.5 12.7

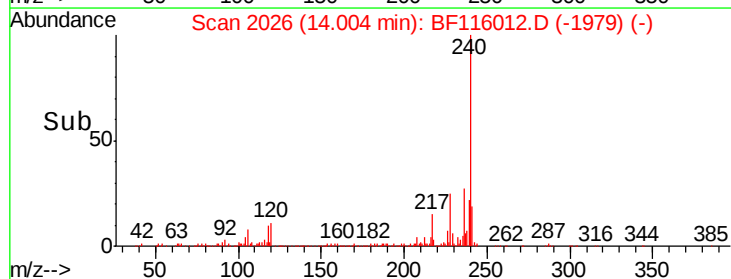
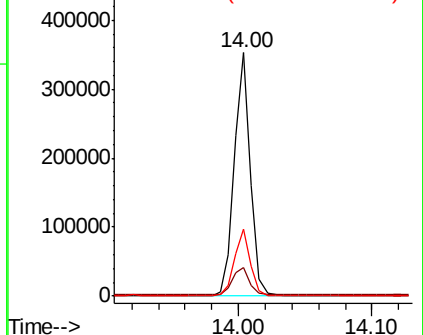
236 27.4 22.2 33.2

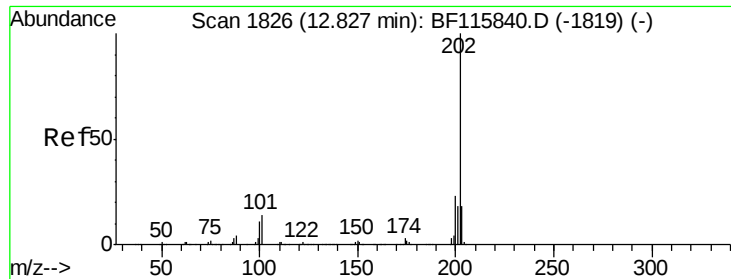


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

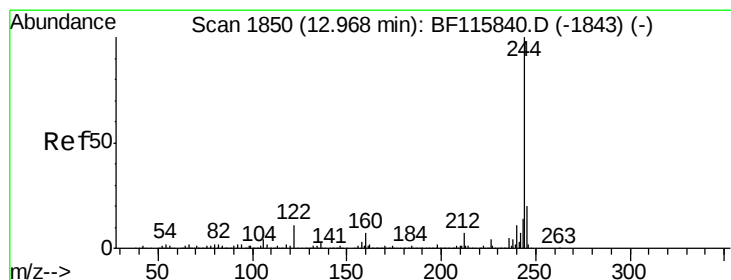
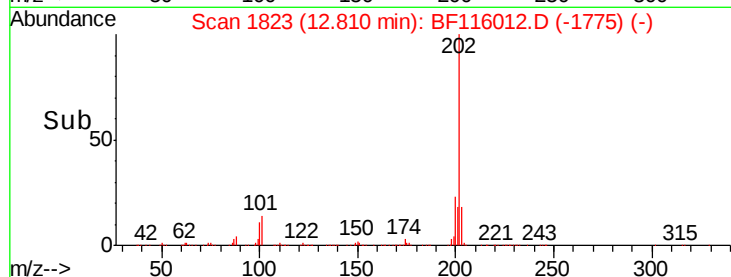
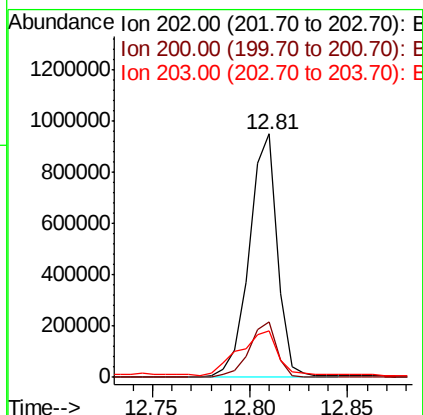
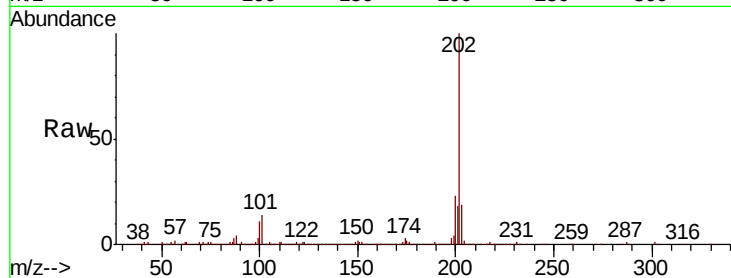




#78
Pvrene
Concen: 41.824 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

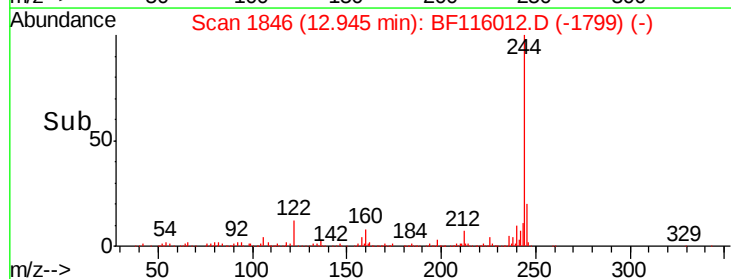
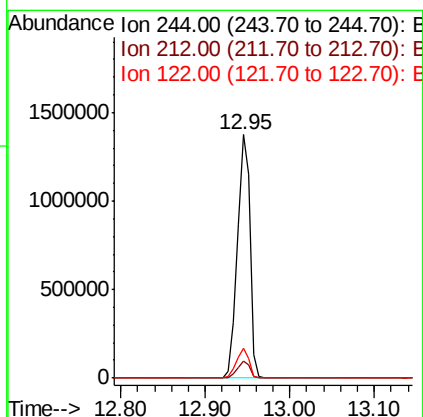
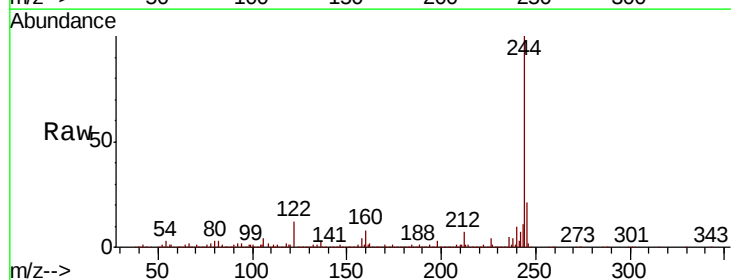
Instrument :
BNA_F
ClientSampleId :

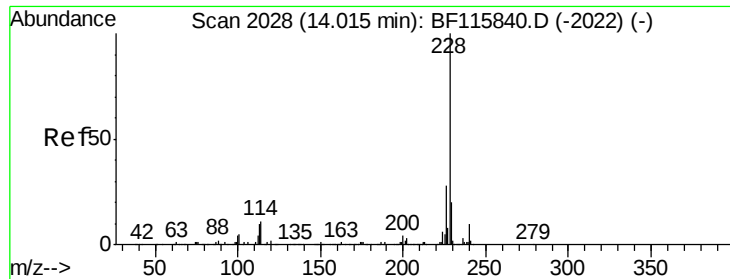
Tot Ion:202 Resp: 945473
Ion Ratio Lower Upper
202 100
200 22.9 18.2 27.2
203 19.0 14.3 21.5



#79
Terphenyl-d14
Concen: 97.524 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion:244 Resp: 1387928
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 12.4 8.6 13.0

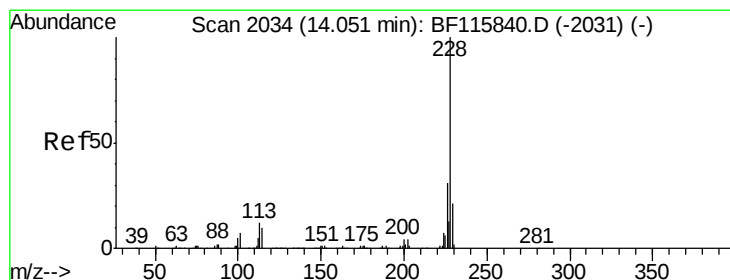
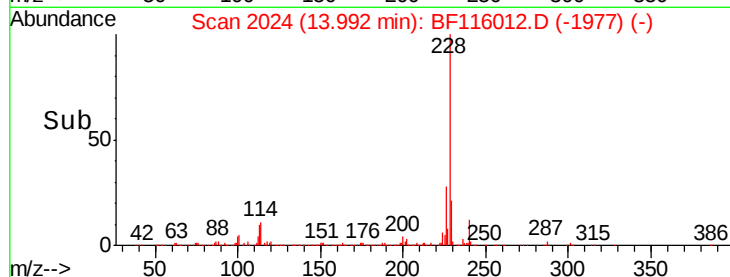
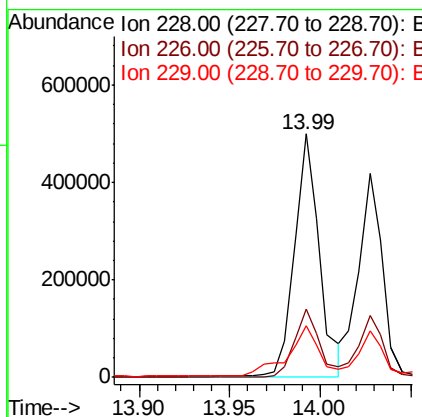
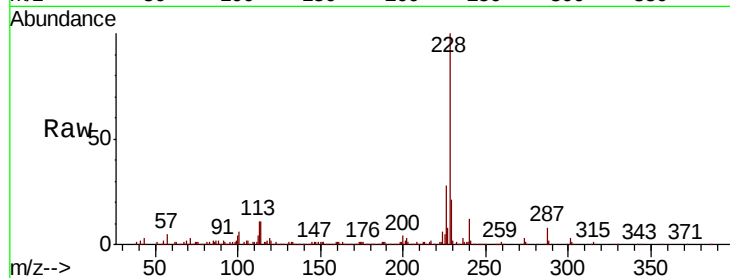




#81
Benzo(a)anthracene
Concen: 25.204 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

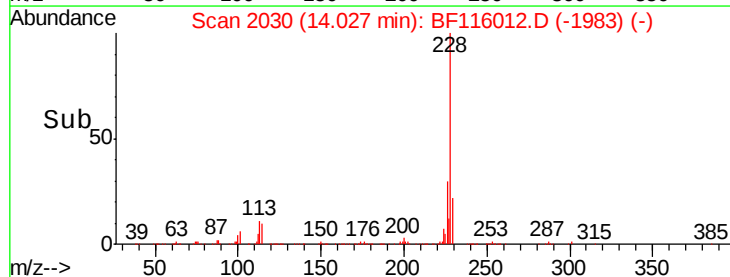
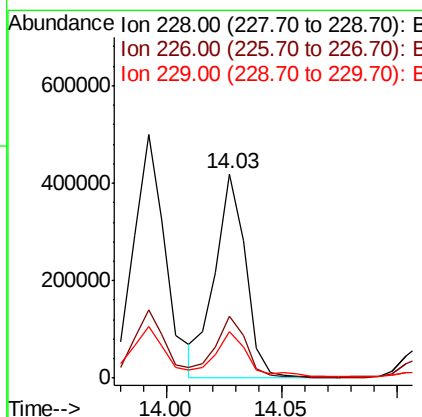
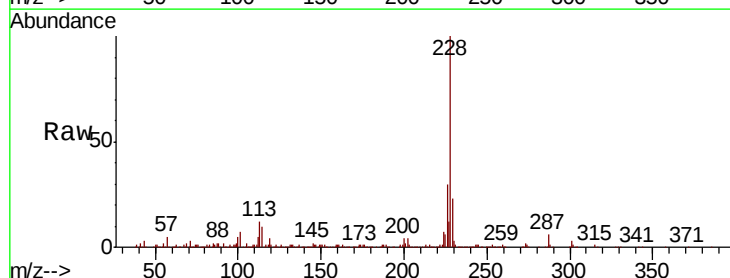
Instrument :
BNA_F
ClientSampleId :

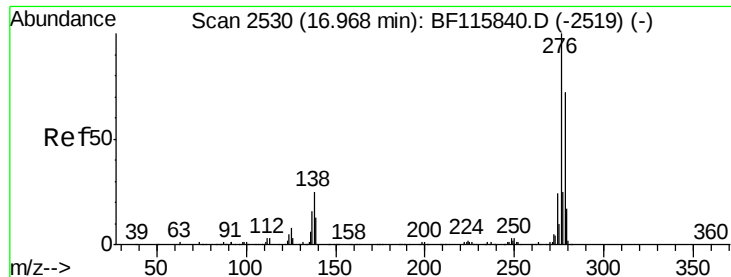
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	21.1	16.1	24.1



#83
Chrysene
Concen: 20.725 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	22.8	16.4	24.6

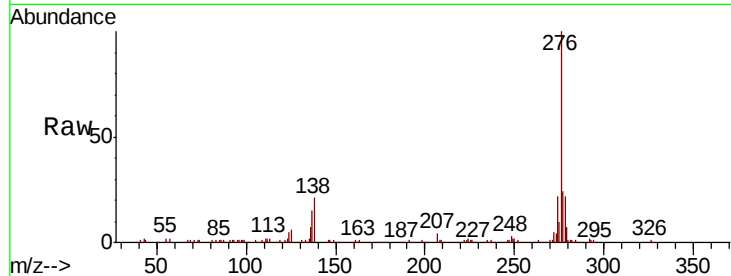




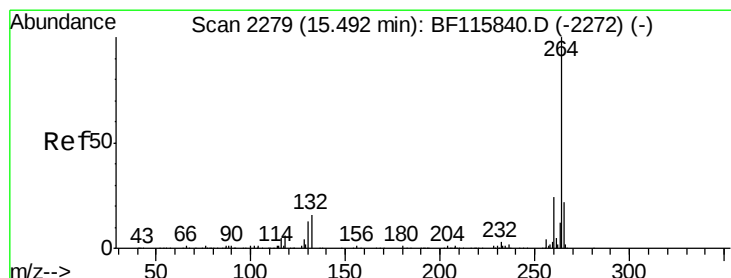
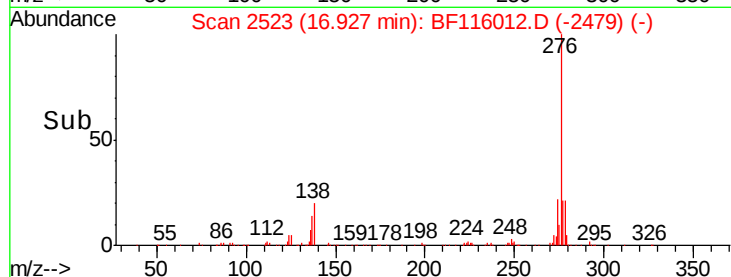
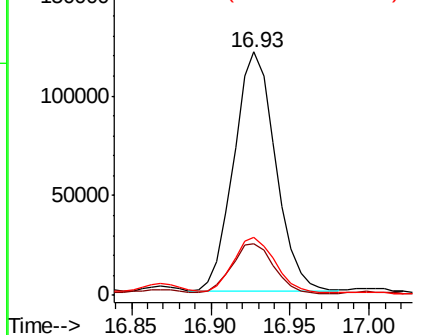
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 14.066 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. -0.04 min
 Lab File: BF116012.D
 Acq: 6 Aug 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.6	29.4
277	23.1	20.1	30.1

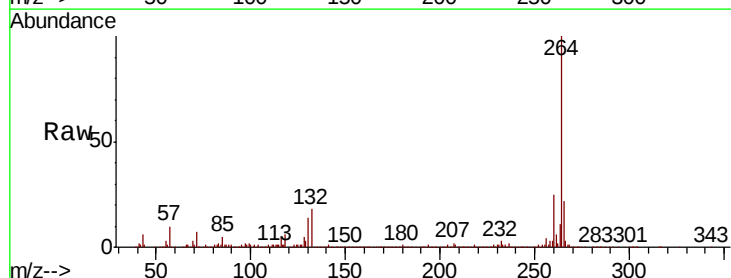


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

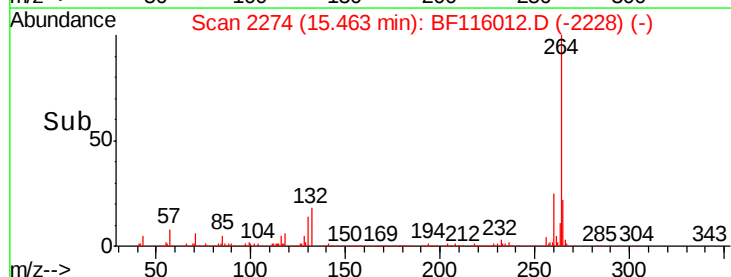
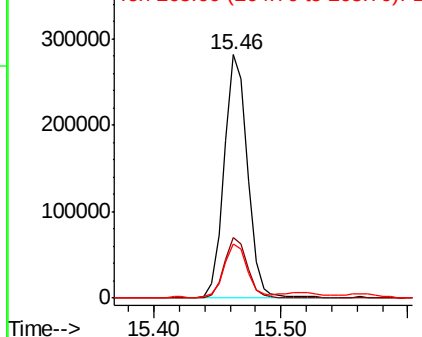


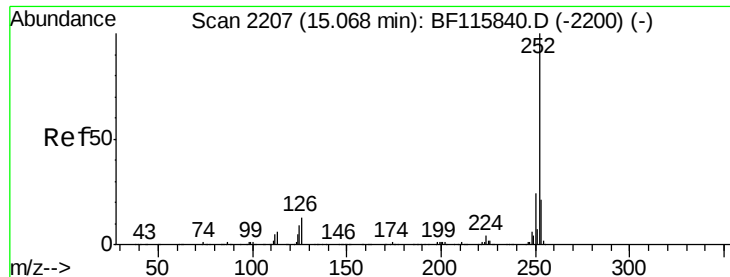
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF116012.D
 Acq: 6 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.4	17.5	26.3



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

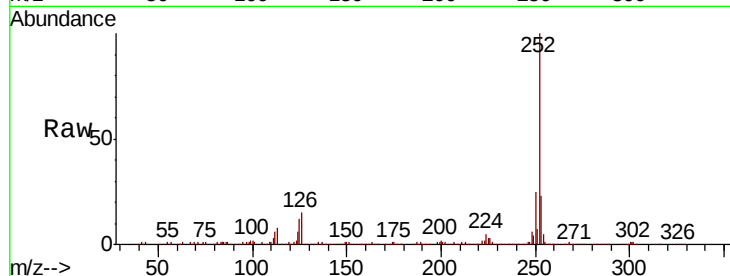




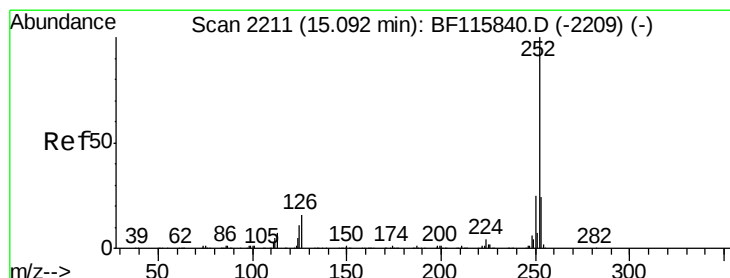
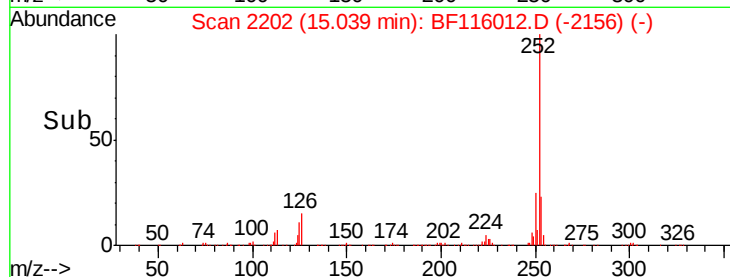
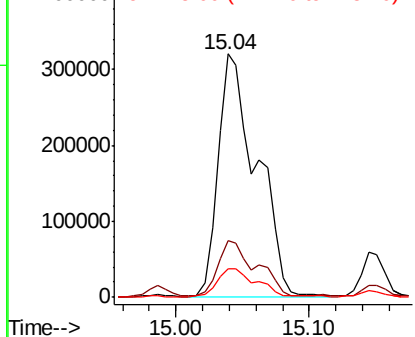
#88
Benzo(b)fluoranthene
Concen: 31.004 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.03 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 640111
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 11.8 7.4 11.0#

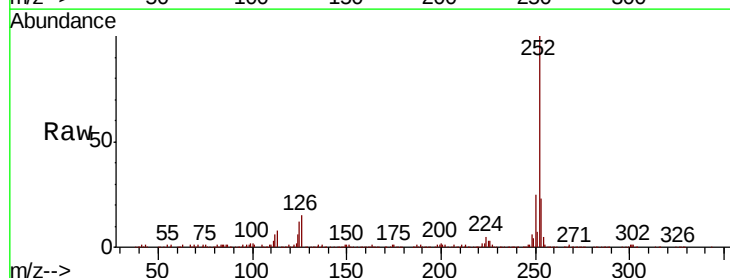


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

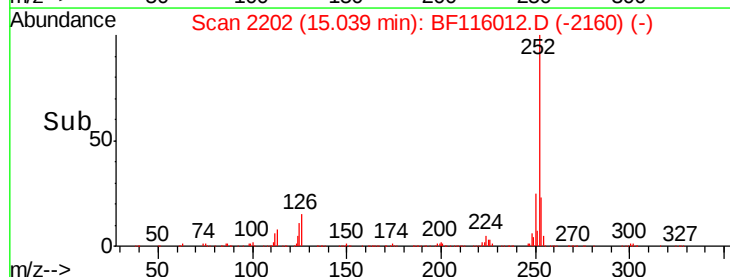
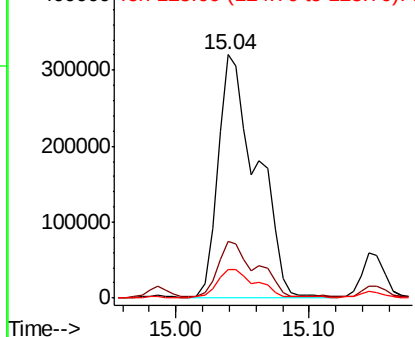


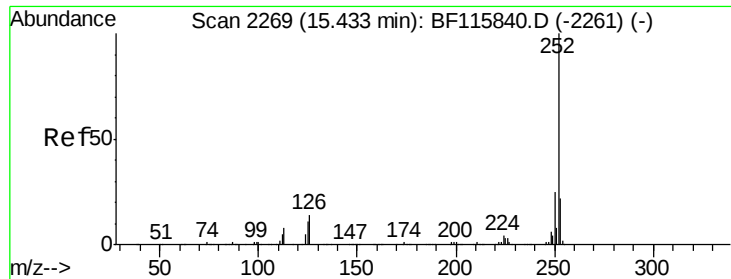
#89
Benzo(k)fluoranthene
Concen: 31.831 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF116012.D
Acq: 6 Aug 2019 14:49

Tgt Ion:252 Resp: 640111
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 11.8 8.9 13.3



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





#90

Benzo(a)pyrene

Concen: 18.937 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

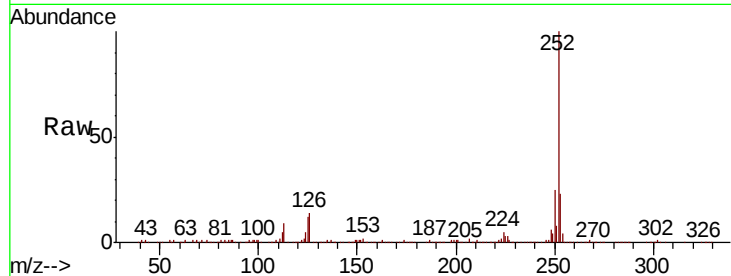
Tot Ion:252 Resp: 349508

Ion Ratio Lower Upper

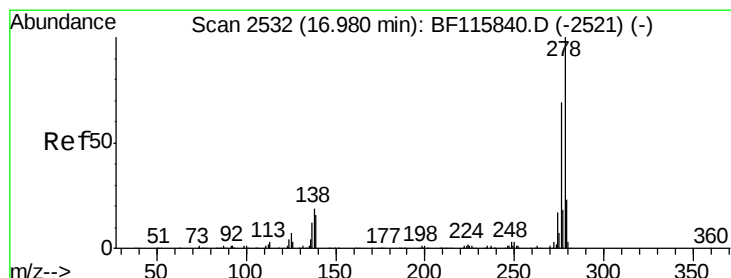
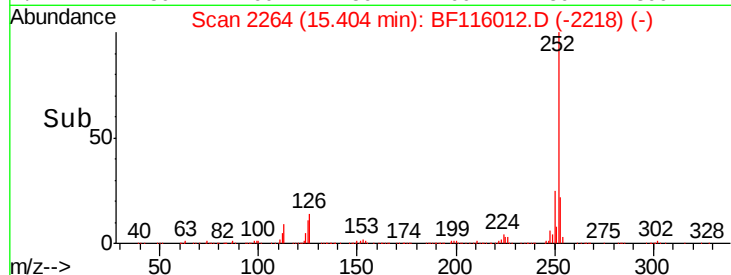
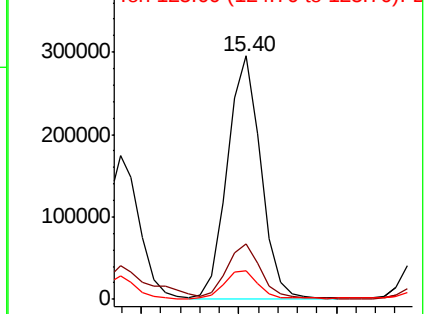
252 100

253 22.7 17.8 26.6

125 11.6 8.8 13.2



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



#91

Dibenzo(a,h)anthracene

Concen: 3.242 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.12 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

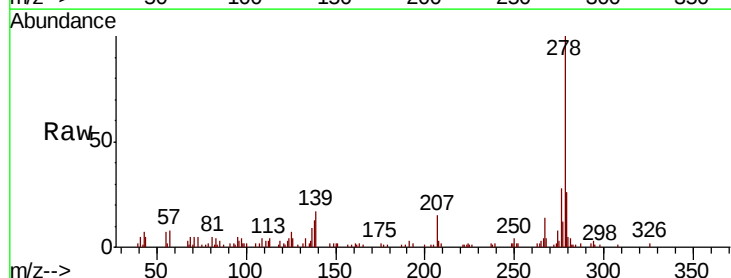
Tgt Ion:278 Resp: 51788

Ion Ratio Lower Upper

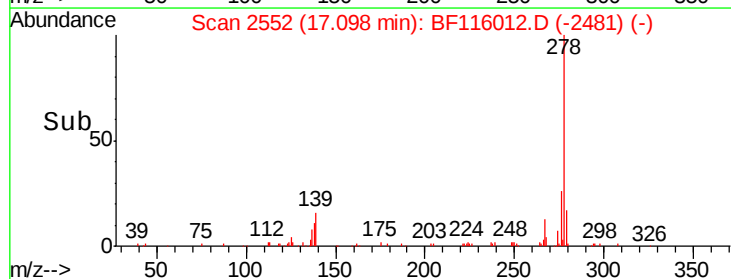
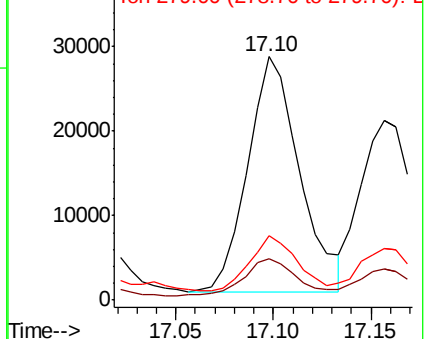
278 100

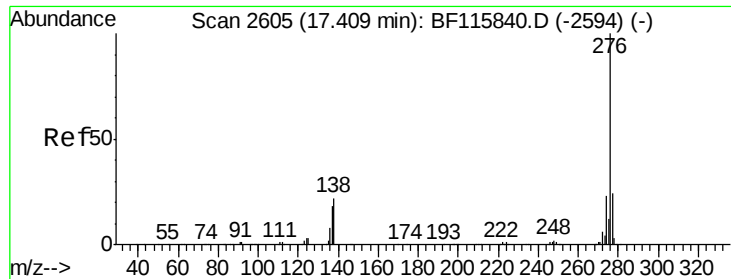
139 17.2 12.6 19.0

279 26.5 18.8 28.2



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(a,h,i)perylene

Concen: 12.538 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.04 min

Lab File: BF116012.D

Acq: 6 Aug 2019 14:49

Instrument :

BNA_F

ClientSampleId :

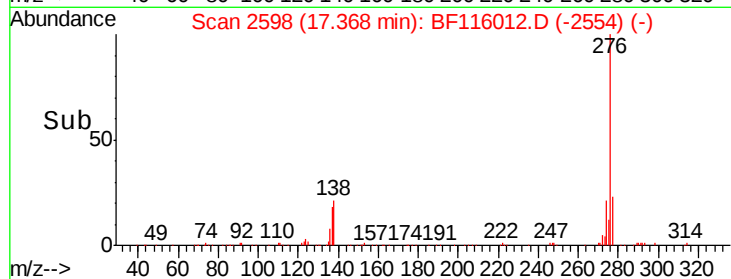
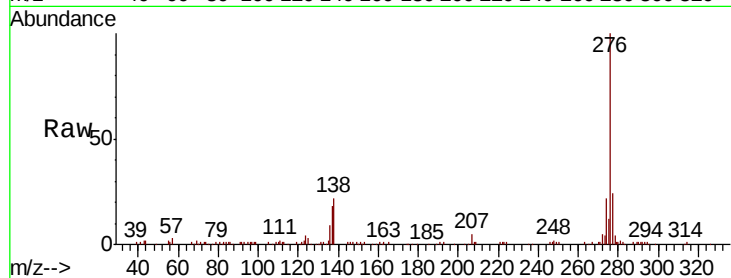
Tot Ion: 276 Resp: 196719

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 22.5 17.8 26.8



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

