

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112326.D
 Acq On : 30 Jan 2019 17:18
 Operator : JU/SJ
 Sample : K1282-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 30 23:43:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164806	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	619224	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	281058	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	475181	20.00	ng	0.00
76) Chrysene-d12	14.00	240	351119	20.00	ng	0.00
87) Perylene-d12	15.47	264	347945	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	911157	117.43	ng	0.00
7) Phenol-d6	6.49	99	1123655	104.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	709635	66.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	290097	88.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1219336	61.36	ng	-0.01
79) Terphenyl-d14	12.94	244	895661	48.04	ng	-0.01

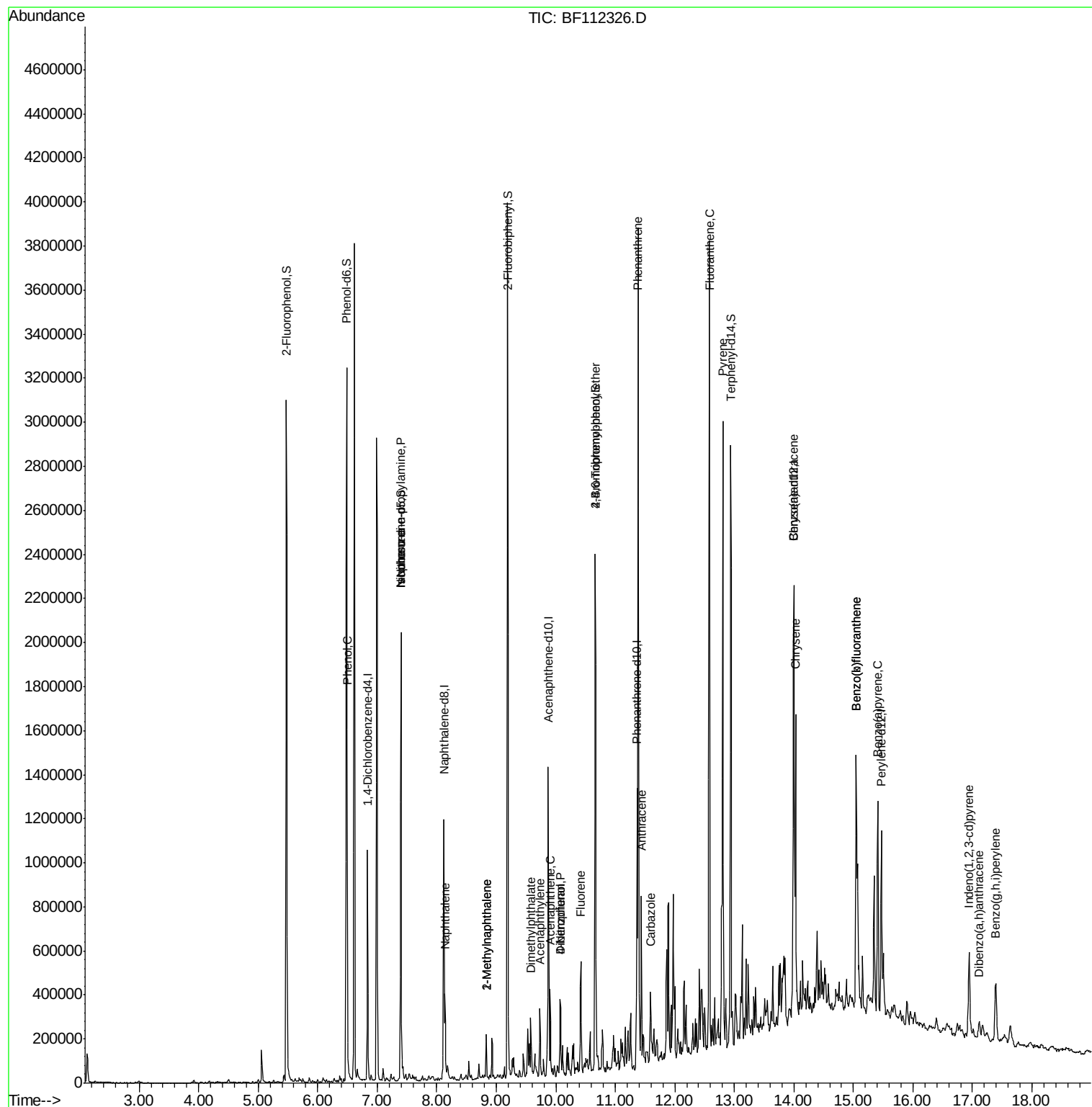
Target Compounds					Qvalue	
10) Phenol	6.50	94	28523	2.411	ng	82
19) n-Nitroso-di-n-propylamine	7.40	70	94046	12.650	ng	# 77
25) Isophorone	7.40	82	699973	41.518	ng	# 64
31) Naphthalene	8.14	128	162798	5.622	ng	96
37) 2-Methylnaphthalene	8.83	142	62270	3.141	ng	98
38) 1-Methylnaphthalene	8.83	142	62270	3.277	ng	96
49) Acenaphthylene	9.73	152	105666	3.784	ng	99
50) Dimethylphthalate	9.59	163	99175	4.542	ng	97
52) Acenaphthene	9.90	154	73222	4.389	ng	98
55) Dibenzofuran	10.08	168	110395	4.330	ng	97
56) 4-Nitrophenol	10.07	139	41054	14.656	ng	# 15
58) Fluorene	10.42	166	136684	7.164	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	16652	2.980	ng	# 1
71) Phenanthrene	11.39	178	1367018	55.336	ng	99
72) Anthracene	11.43	178	313968	12.759	ng	98
73) Carbazole	11.59	167	116606	4.804	ng	99
75) Fluoranthene	12.58	202	1442752	54.451	ng	99
78) Pyrene	12.81	202	1202160	49.452	ng	98
81) Benzo(a)anthracene	13.99	228	626783	30.367	ng	98
83) Chrysene	14.03	228	537078	27.259	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	237689	15.225	ng	# 92
88) Benzo(b)fluoranthene	15.04	252	857676	41.217	ng	99
89) Benzo(k)fluoranthene	15.04	252	857676	43.031	ng	99
90) Benzo(a)pyrene	15.41	252	458047	24.464	ng	97
91) Dibenzo(a,h)anthracene	17.12	278	54312	3.599	ng	94
92) Benzo(g,h,i)perylene	17.39	276	209484	14.714	ng	97

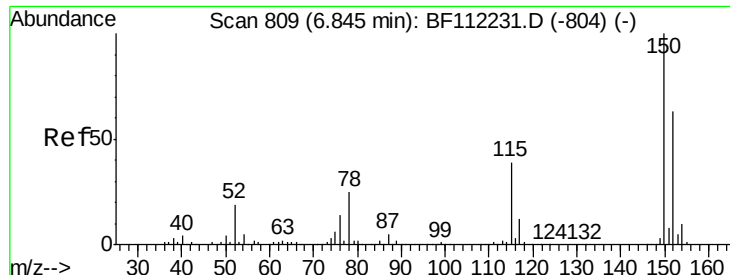
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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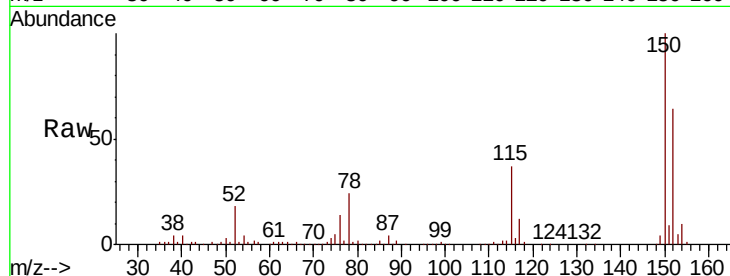


#1

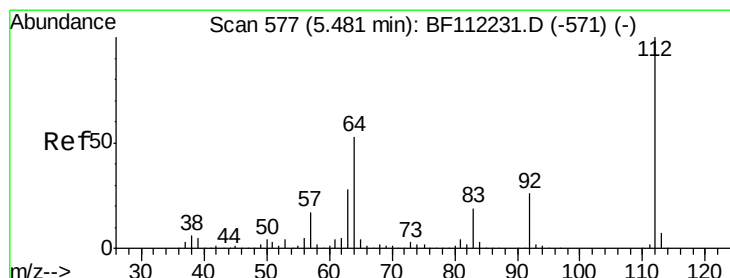
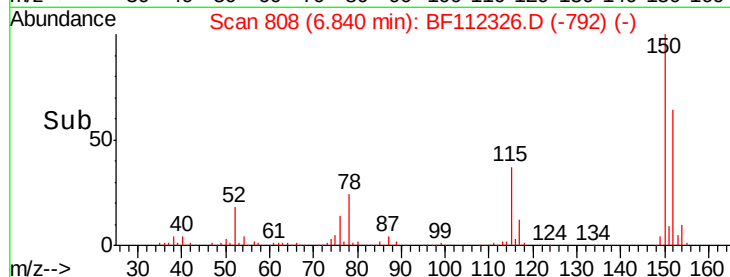
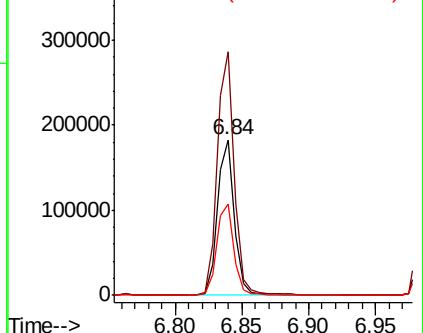
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 164806
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 58.5 45.5 68.3



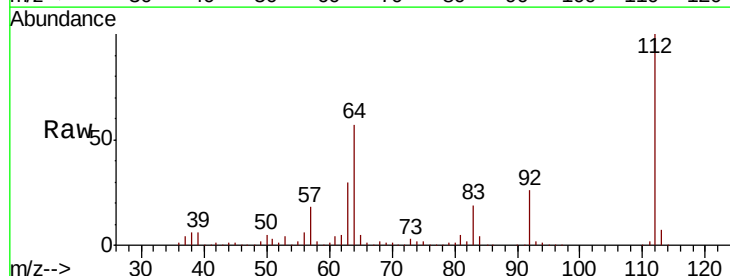
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



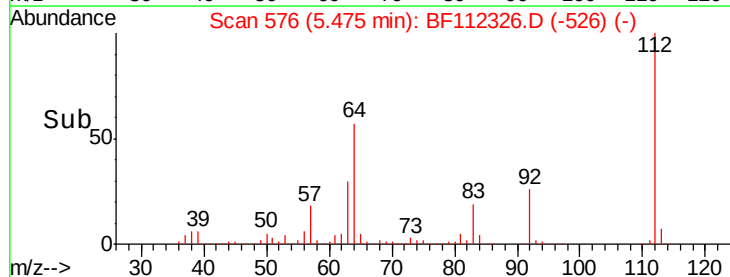
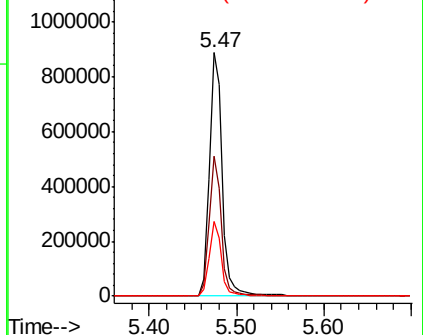
#5

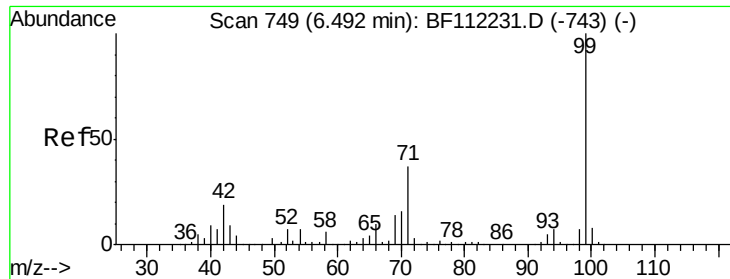
2-Fluorophenol
Concen: 117.432 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion:112 Resp: 911157
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.4 23.6 35.4



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: 104.221 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

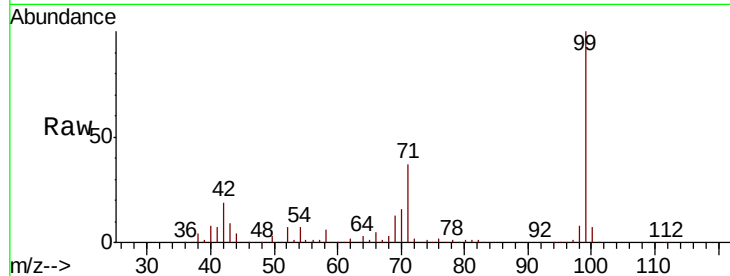
Tgt Ion: 99 Resp: 1123655

Ion Ratio Lower Upper

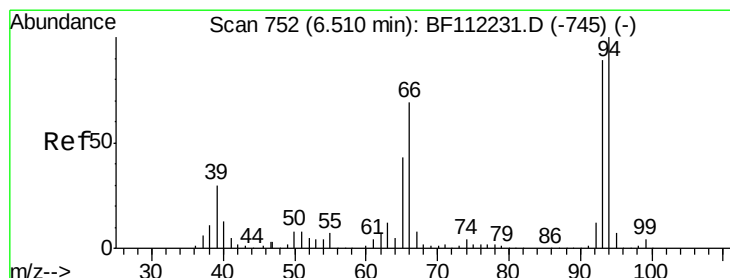
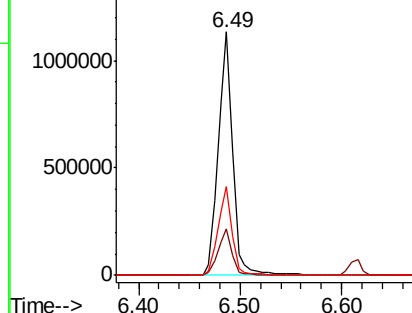
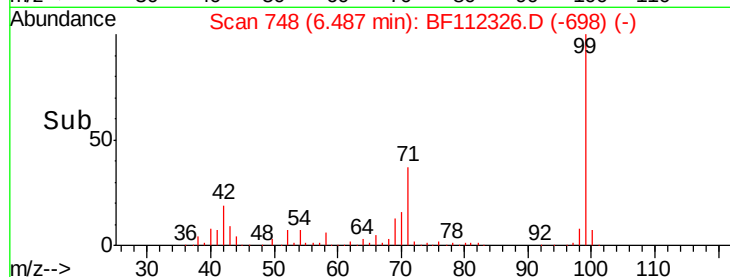
99 100

42 18.9 15.1 22.7

71 36.6 26.9 40.3



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



#10

Phenol

Concen: 2.411 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

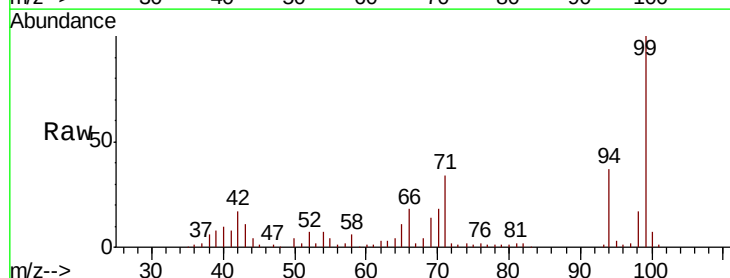
Tgt Ion: 94 Resp: 28523

Ion Ratio Lower Upper

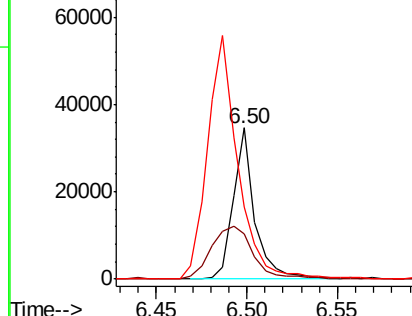
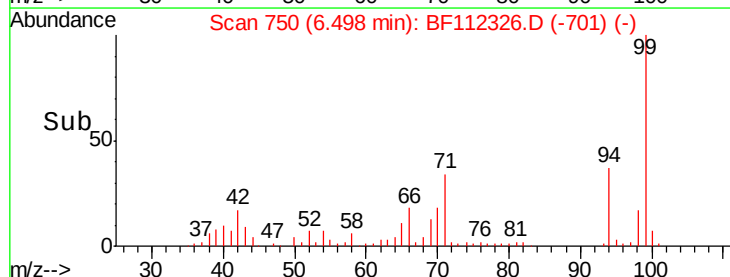
94 100

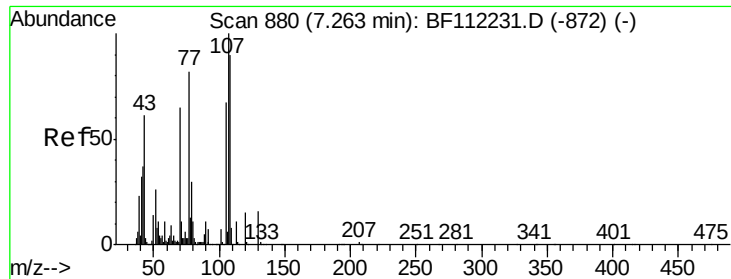
65 30.4 20.3 60.3

66 47.9 42.4 82.4



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

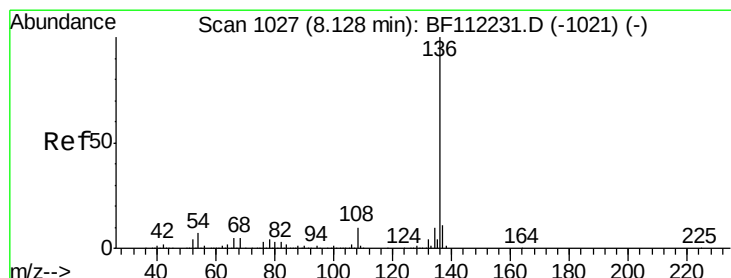
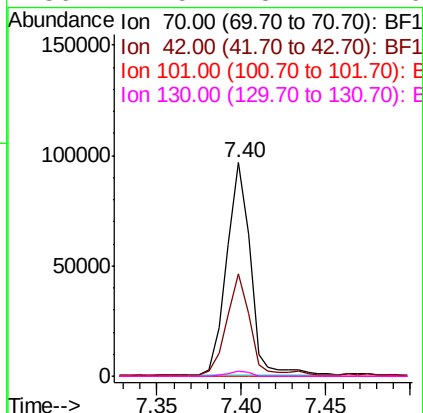
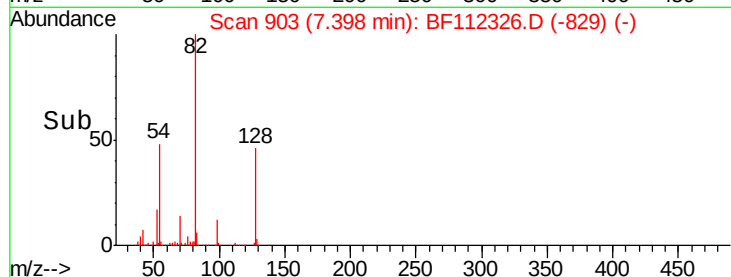
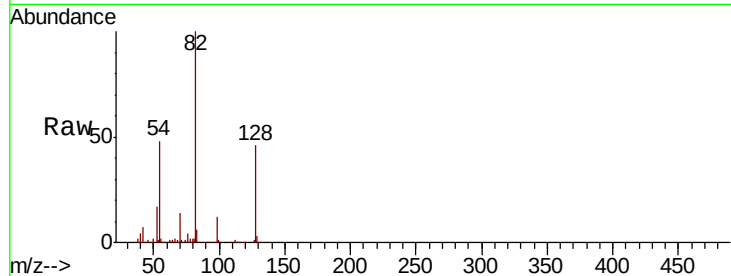




#19
n-Nitroso-di-n-propylamine
Concen: 12.650 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

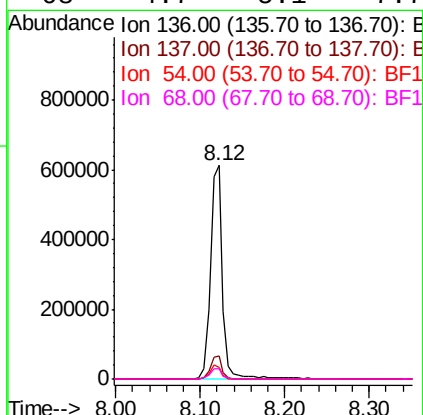
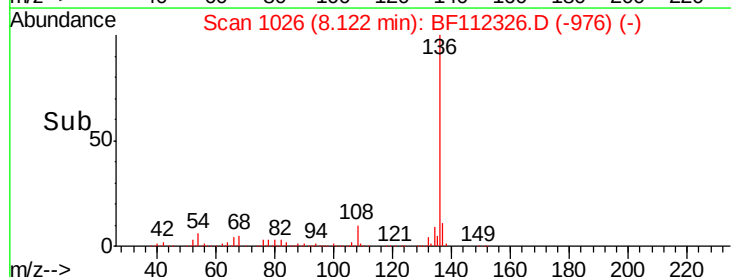
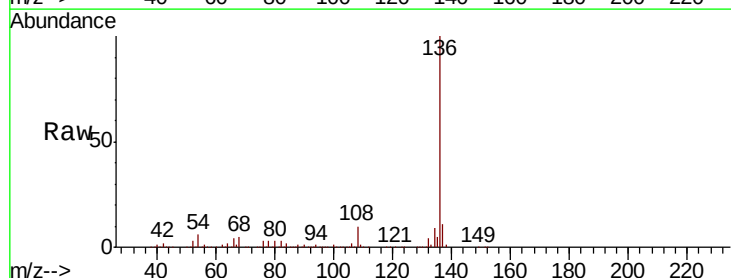
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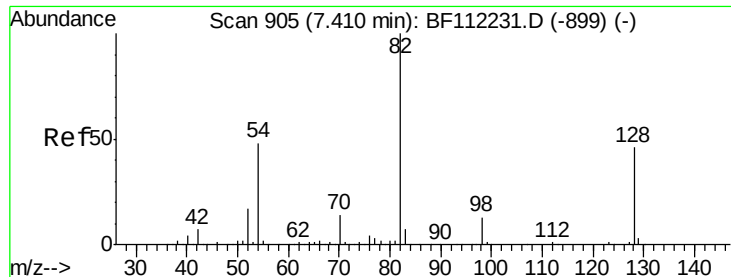
Tgt Ion: 70 Resp: 94046
Ion Ratio Lower Upper
70 100
42 48.1 47.6 71.4
101 0.0 7.9 11.9#
130 2.5 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion: 136 Resp: 619224
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.7 5.9 8.9#
68 4.7 5.1 7.7#

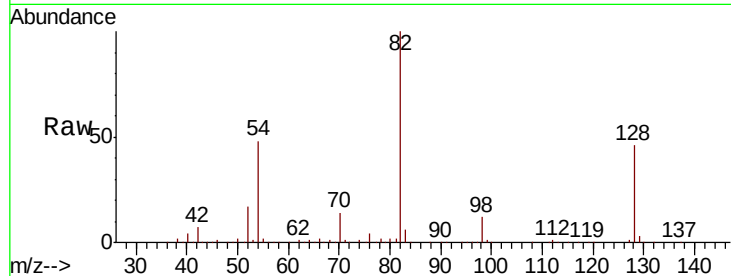




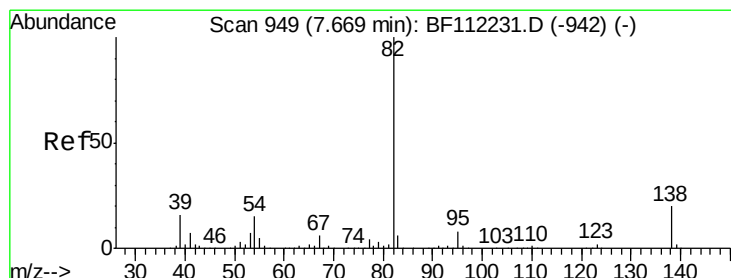
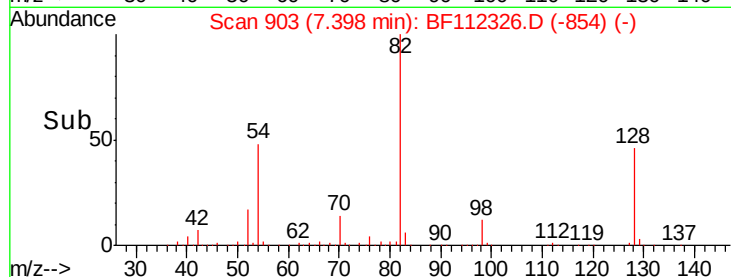
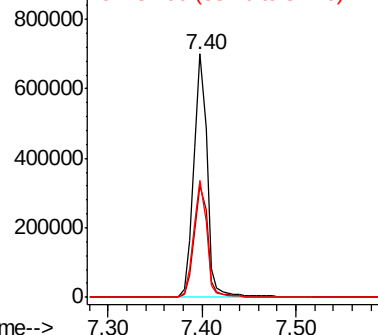
#23
Nitrobenzene-d5
Concen: 66.033 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.0	39.7	59.5

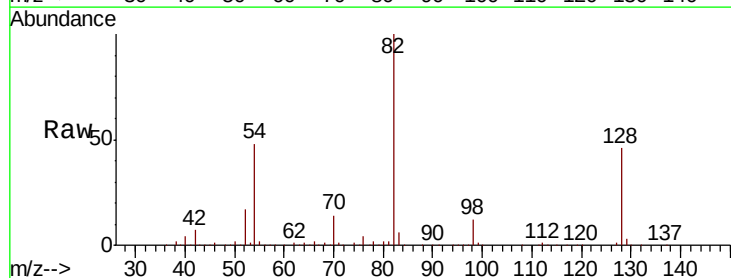


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

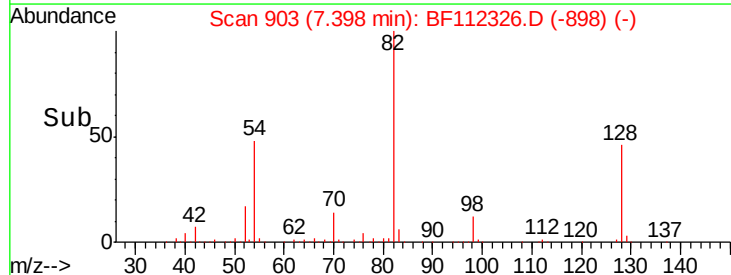
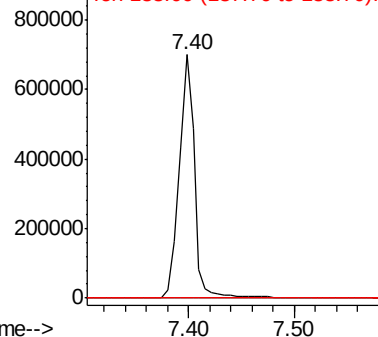


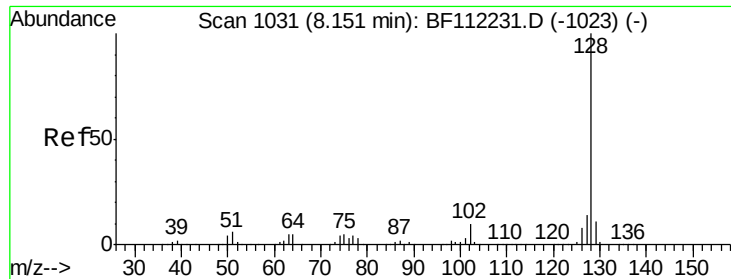
#25
Isophorone
Concen: 41.518 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



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

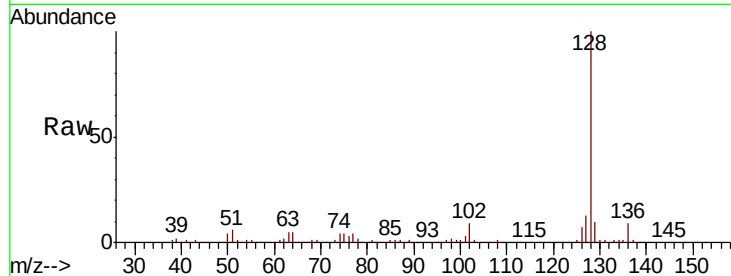




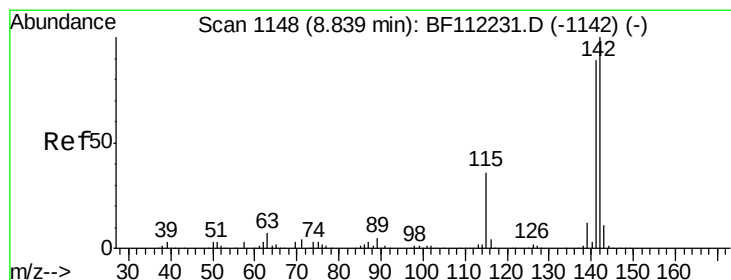
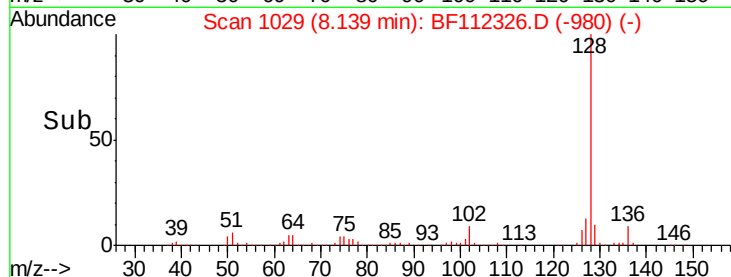
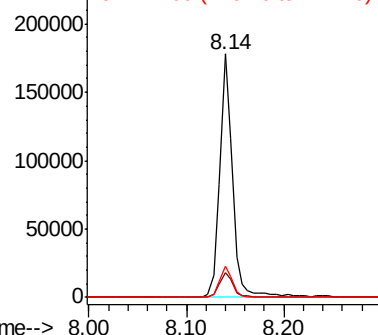
#31
Naphthalene
Concen: 5.622 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Instrument :
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Tgt Ion:128 Resp: 162798
Ion Ratio Lower Upper
128 100
129 10.3 9.6 14.4
127 12.7 11.1 16.7

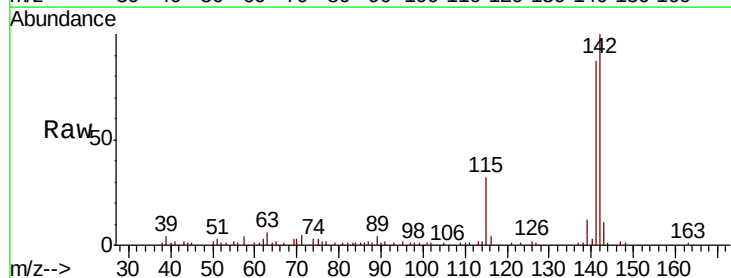


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

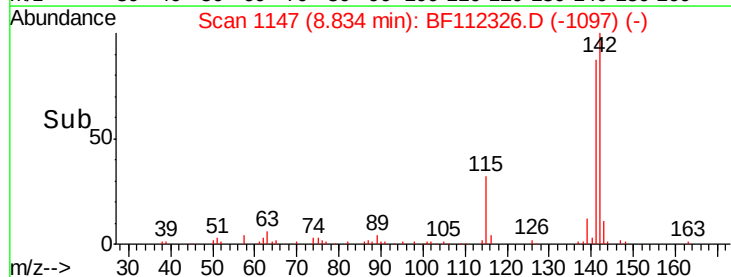
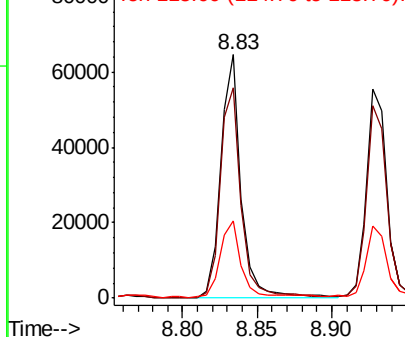


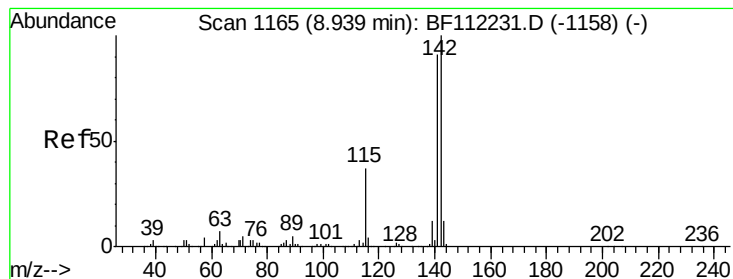
#37
2-Methylnaphthalene
Concen: 3.141 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion:142 Resp: 62270
Ion Ratio Lower Upper
142 100
141 86.6 70.9 106.3
115 31.7 24.9 37.3



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: 3.277 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.11 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

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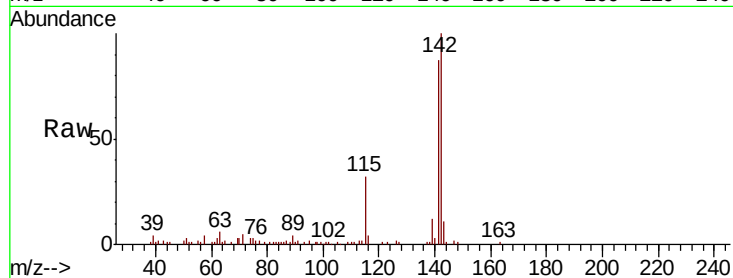
Tgt Ion:142 Resp: 62270

Ion Ratio Lower Upper

142 100

141 86.6 72.6 108.8

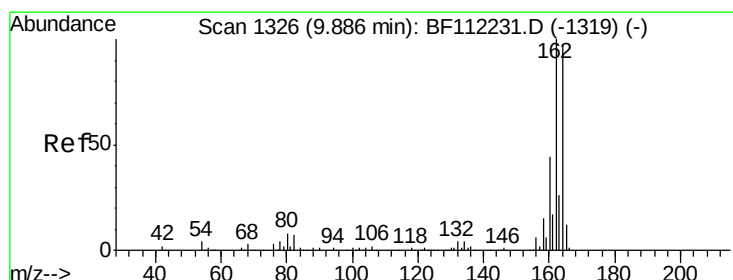
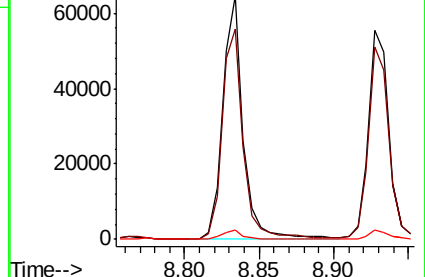
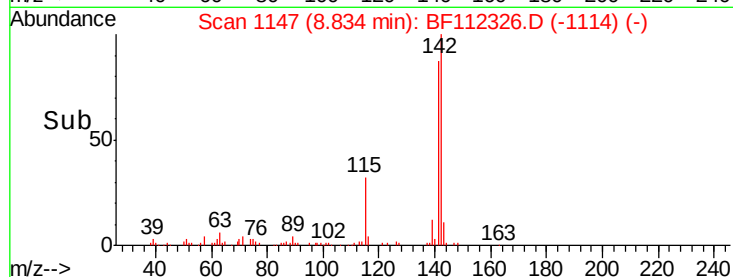
116 4.1 2.8 4.2



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

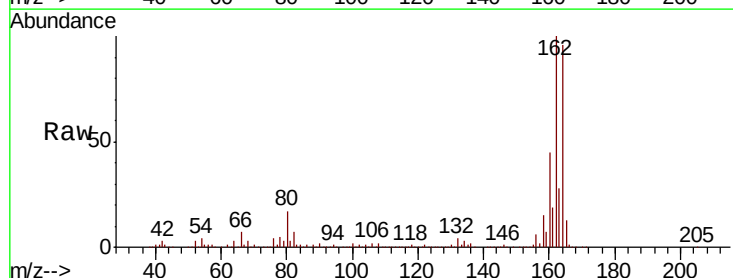
Tgt Ion:164 Resp: 281058

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

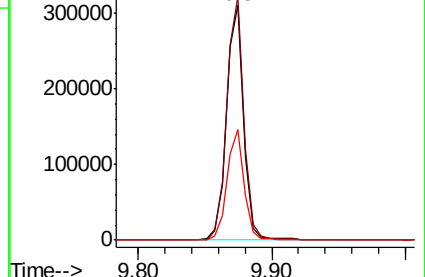
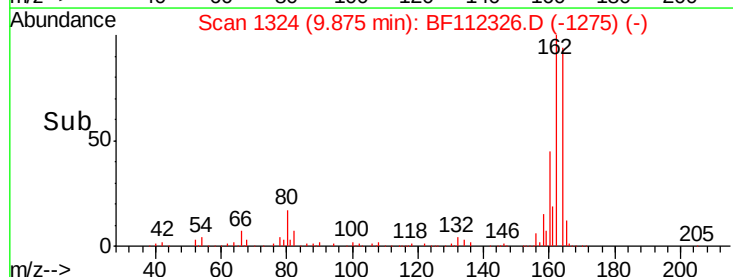
160 47.0 36.2 54.4

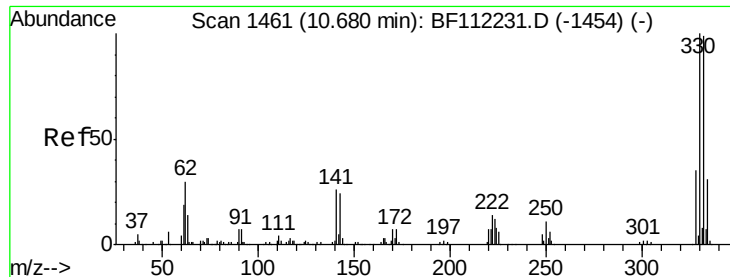


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.676 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

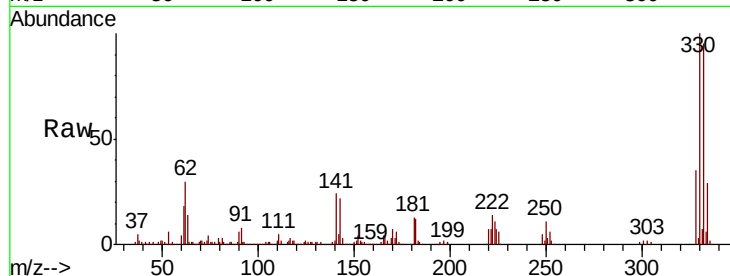
Instrument :

BNA_F

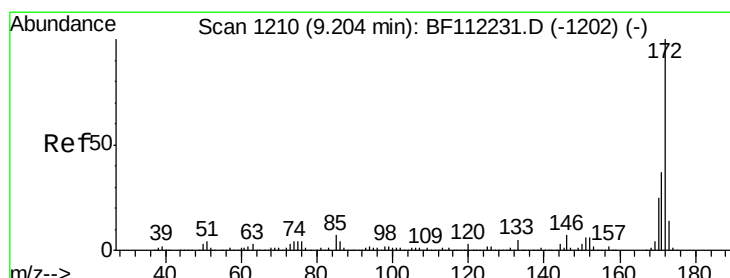
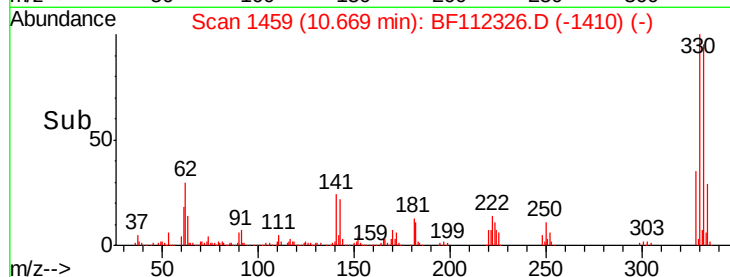
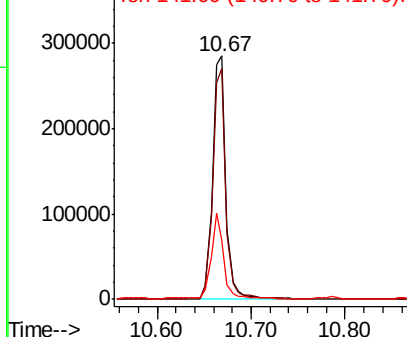
ClientSampleId :

TP-6

Tgt Ion:	330	Resp:	290097
Ion Ratio	Lower	Upper	
330	100		
332	93.8	76.6	114.8
141	31.9	24.3	36.5



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: 61.359 ng

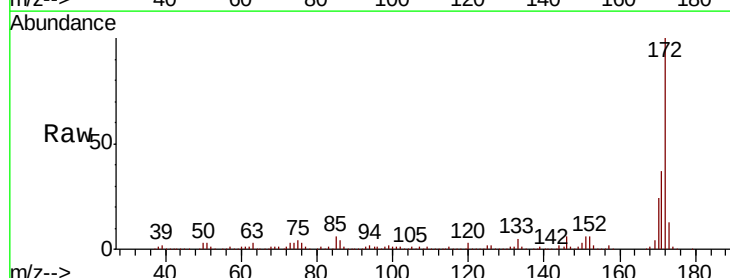
RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

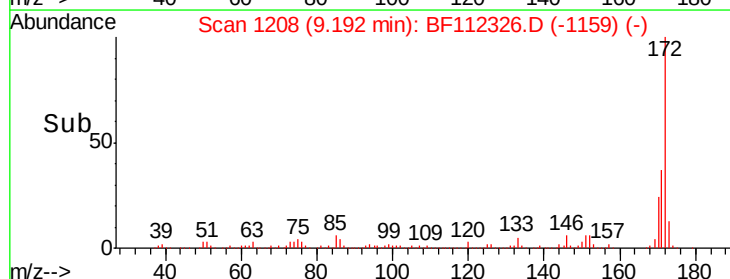
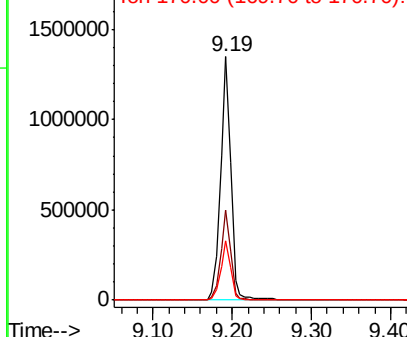
Lab File: BF112326.D

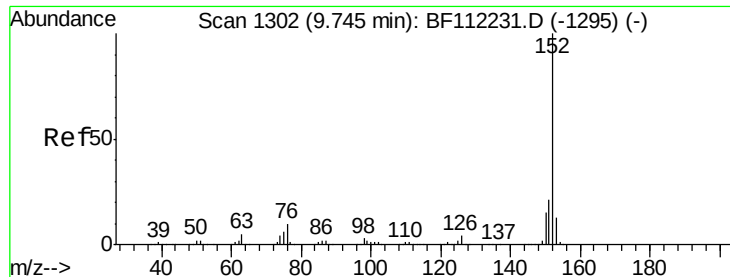
Acq: 30 Jan 2019 17:18

Tgt Ion:	172	Resp:	1219336
Ion Ratio	Lower	Upper	
172	100		
171	36.8	30.5	45.7
170	24.2	20.2	30.4



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





#49

Acenaphthylene

Concen: 3.784 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

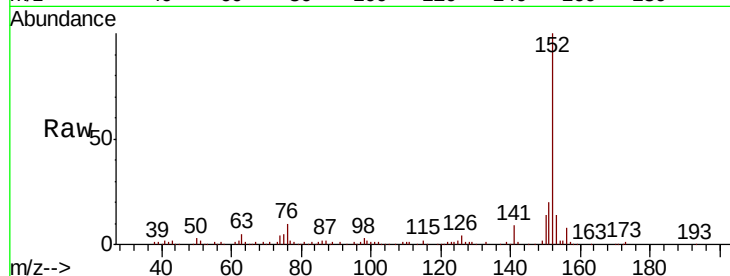
Tgt Ion:152 Resp: 105666

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

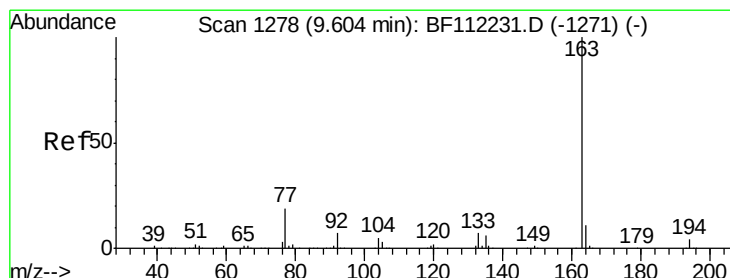
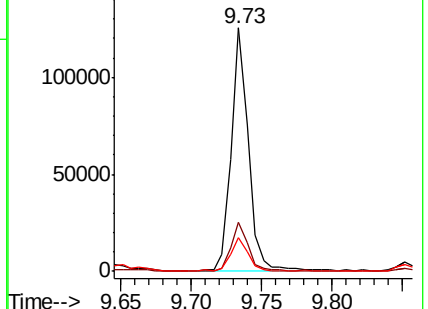
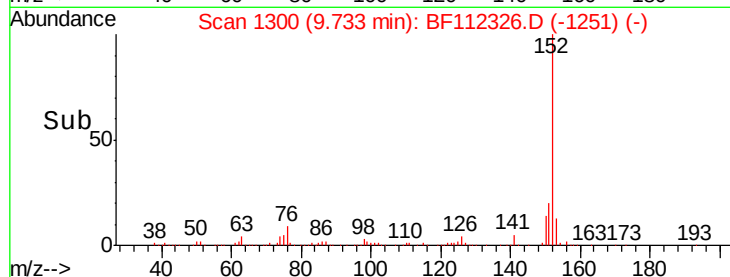
153 13.8 11.2 16.8



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: 4.542 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

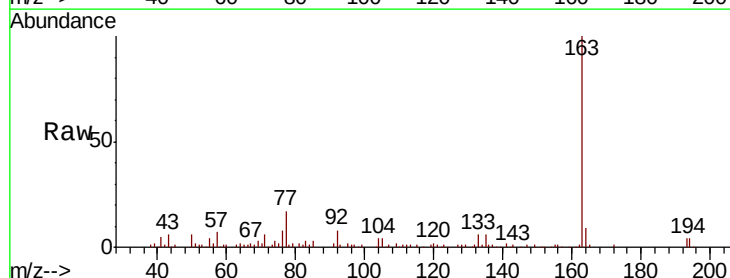
Tgt Ion:163 Resp: 99175

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

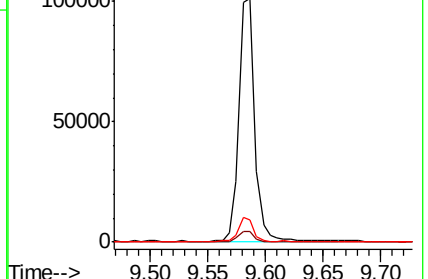
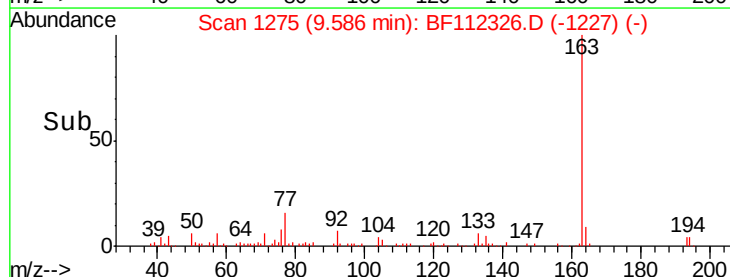
164 9.3 8.5 12.7

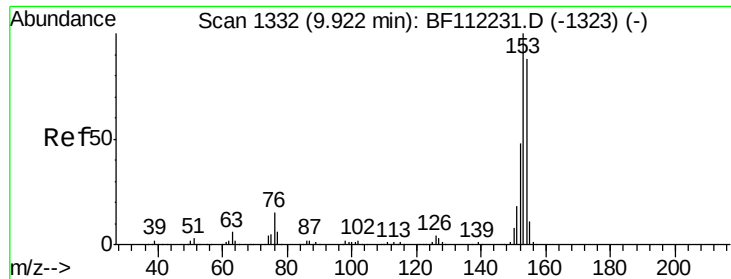


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 4.389 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampled :

TP-6

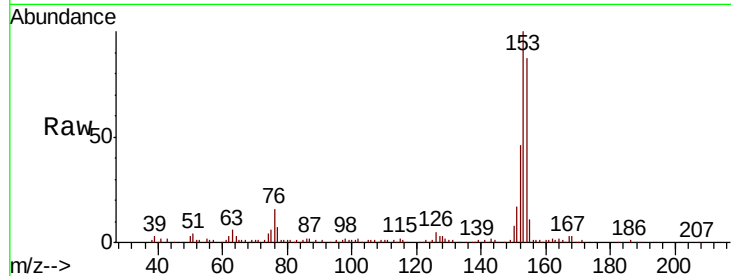
Tgt Ion:154 Resp: 73222

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

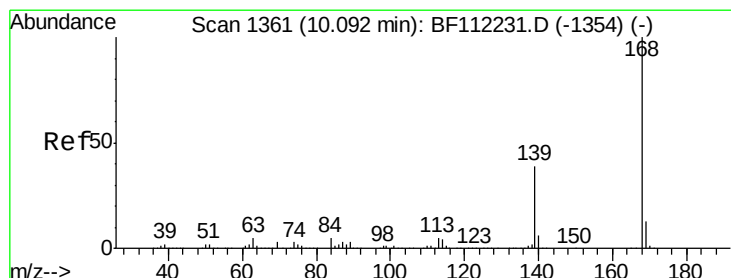
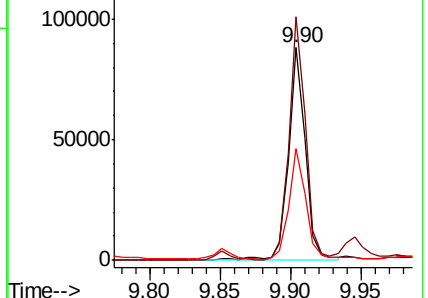
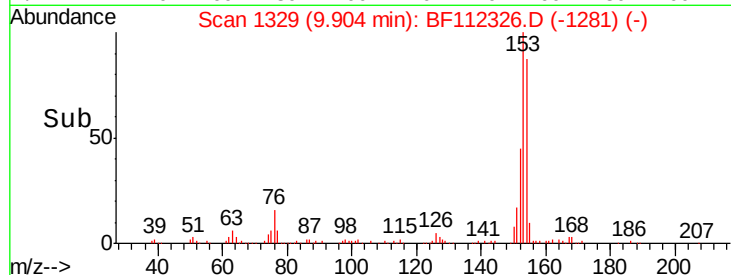
152 52.4 43.5 65.3



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



#55

Dibenzofuran

Concen: 4.330 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

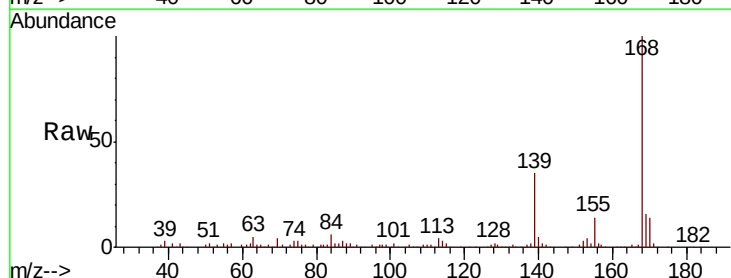
Tgt Ion:168 Resp: 110395

Ion Ratio Lower Upper

168 100

139 34.7 29.2 43.8

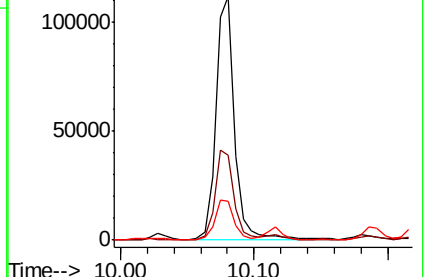
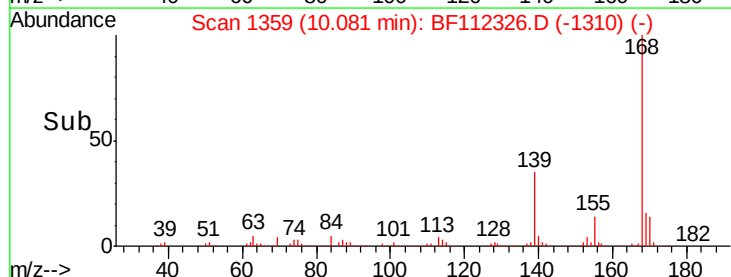
169 15.8 11.4 17.0

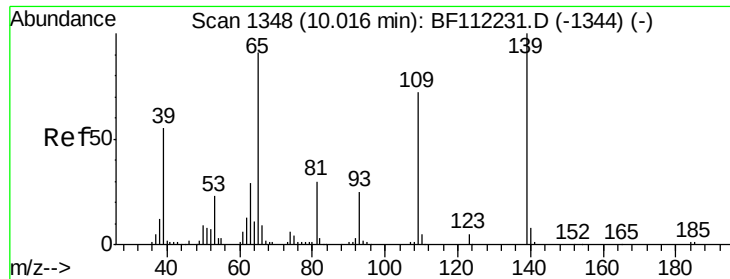


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

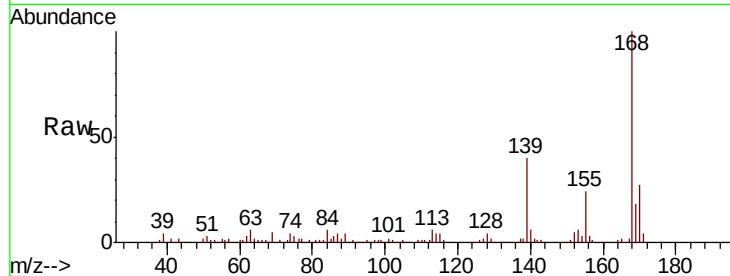




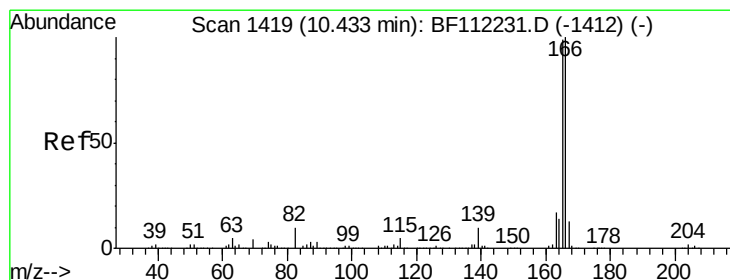
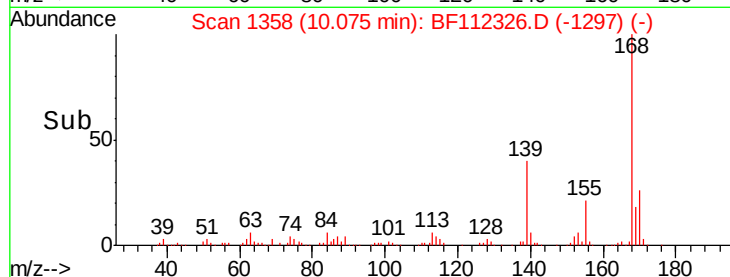
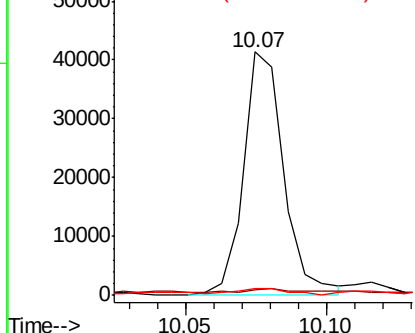
#56
4-Nitrophenol
Concen: 14.656 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.06 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion:139 Resp: 41054
Ion Ratio Lower Upper
139 100
109 2.5 42.8 82.8#
65 2.9 66.1 106.1#

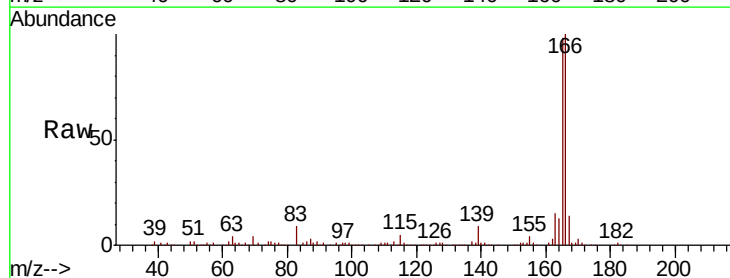


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

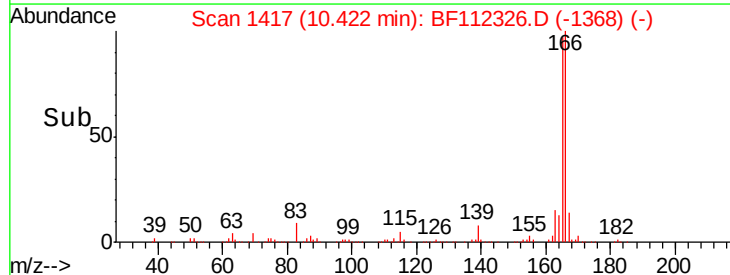
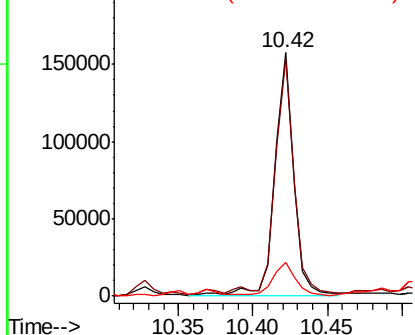


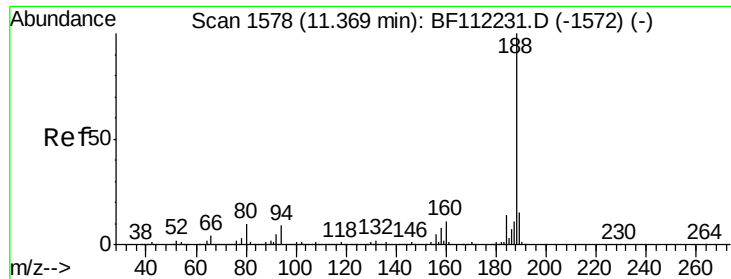
#58
Fluorene
Concen: 7.164 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion:166 Resp: 136684
Ion Ratio Lower Upper
166 100
165 97.6 77.1 115.7
167 13.8 11.3 16.9



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. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

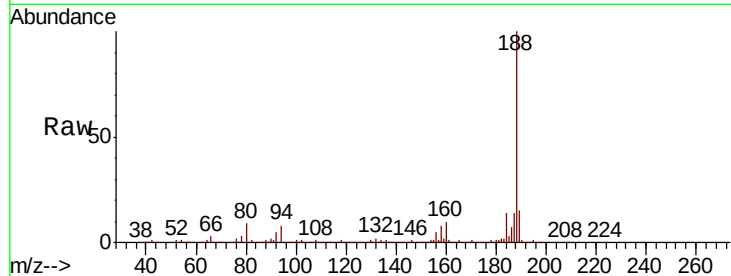
Tgt Ion:188 Resp: 475181

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

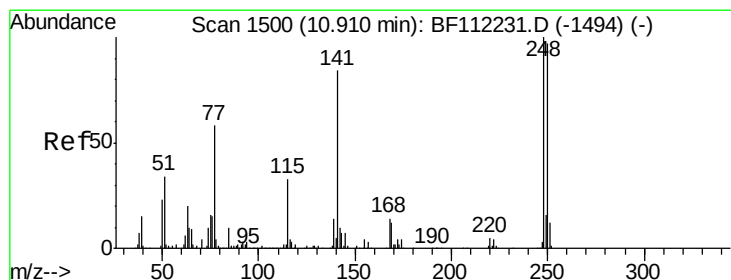
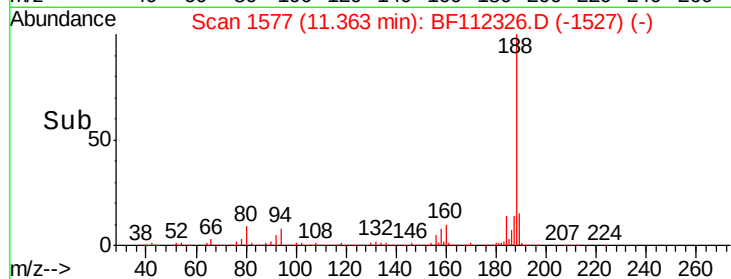
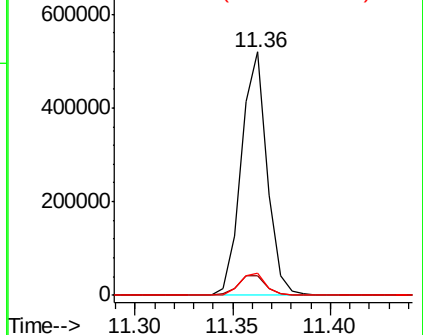
80 8.9 8.9 13.3#



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: 2.980 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

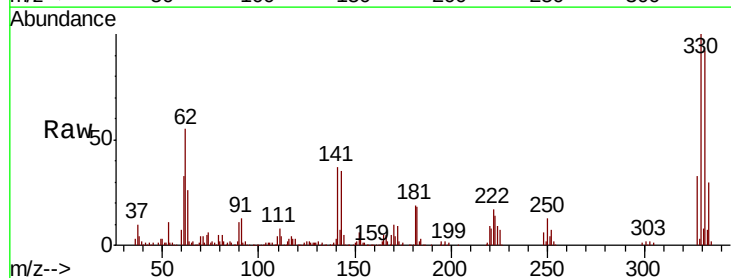
Tgt Ion:248 Resp: 16652

Ion Ratio Lower Upper

248 100

250 212.9 79.7 119.5#

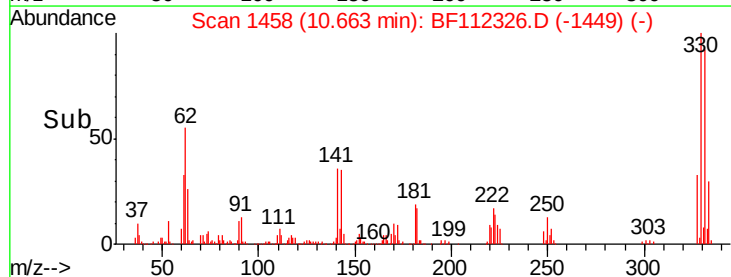
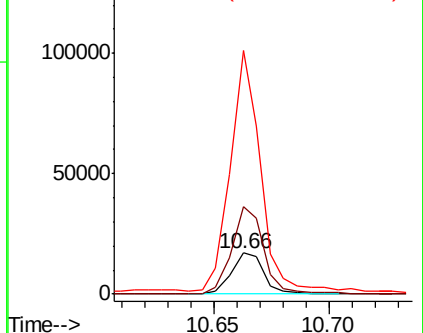
141 594.6 60.3 90.5#

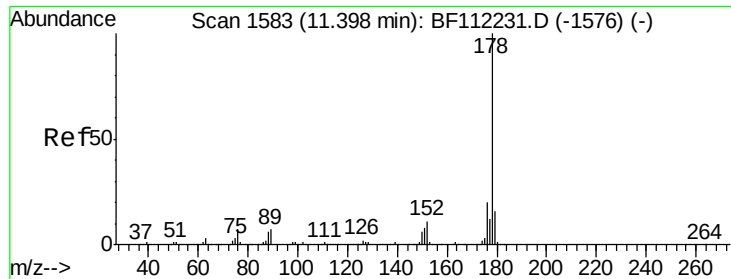


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 55.336 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

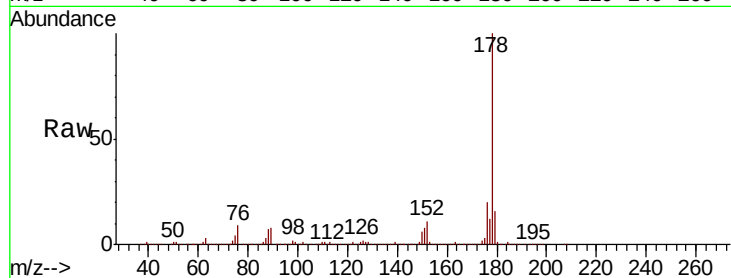
Tgt Ion:178 Resp: 1367018

Ion Ratio Lower Upper

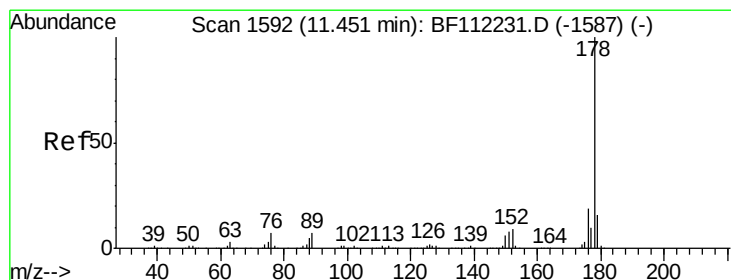
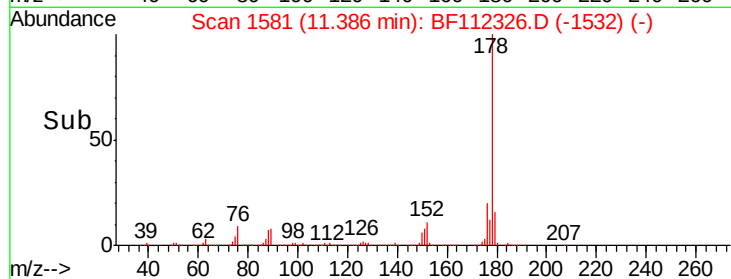
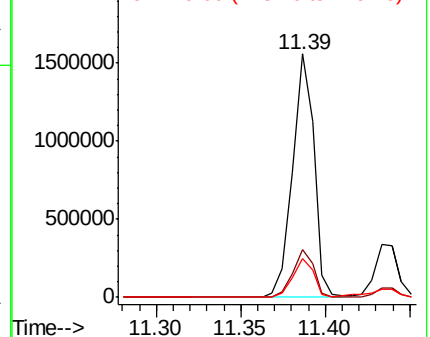
178 100

176 19.8 16.3 24.5

179 16.0 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



#72

Anthracene

Concen: 12.759 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

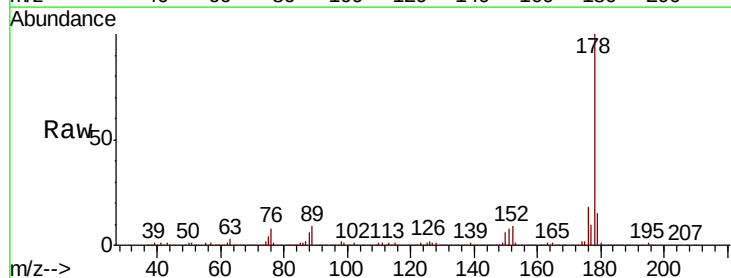
Tgt Ion:178 Resp: 313968

Ion Ratio Lower Upper

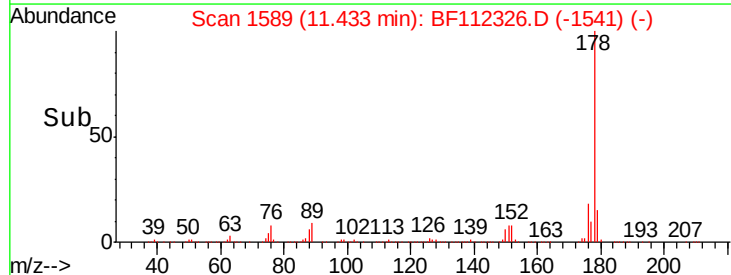
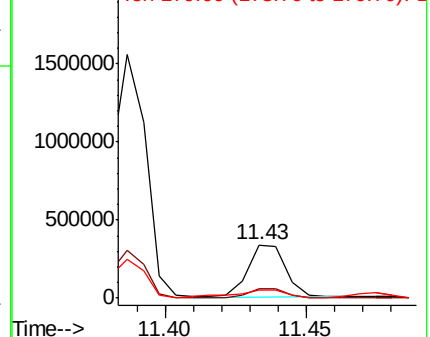
178 100

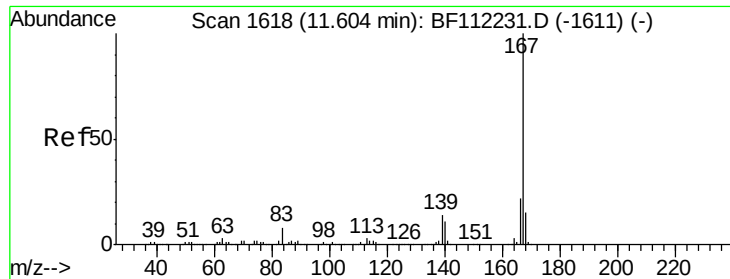
176 18.2 15.5 23.3

179 15.1 12.8 19.2



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

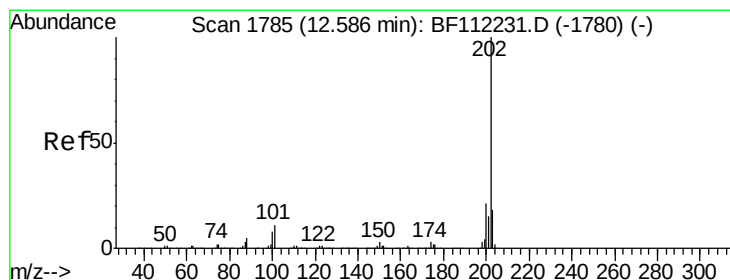
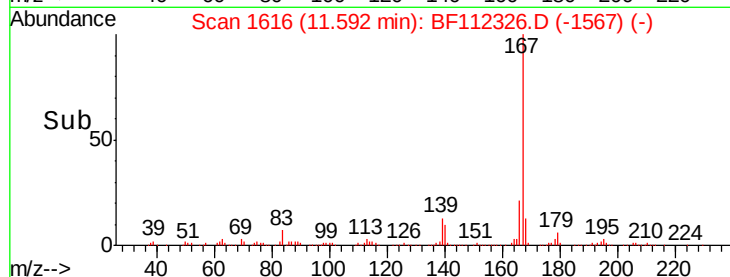
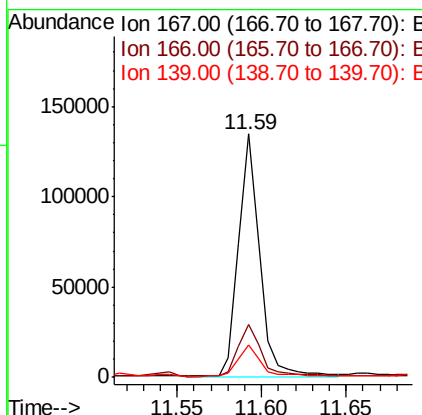
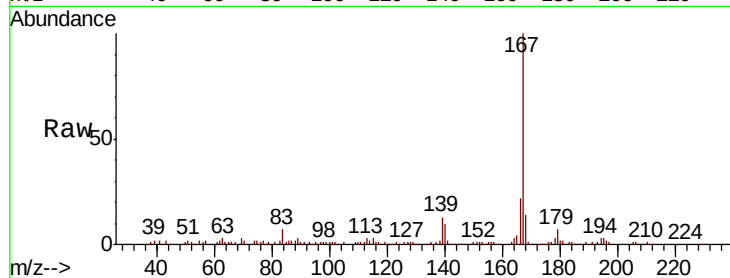




#73
 Carbazole
 Concen: 4.804 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112326.D
 Acq: 30 Jan 2019 17:18

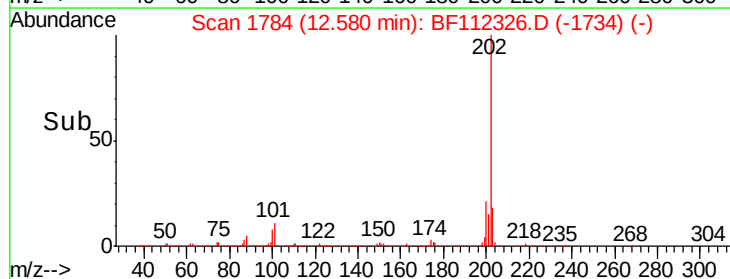
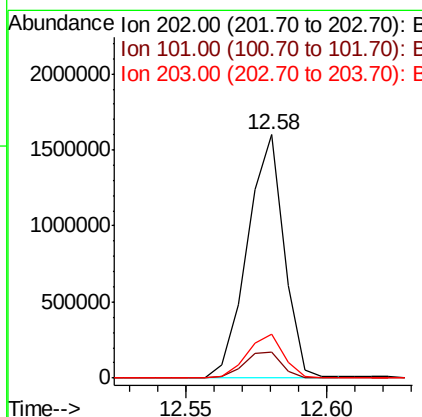
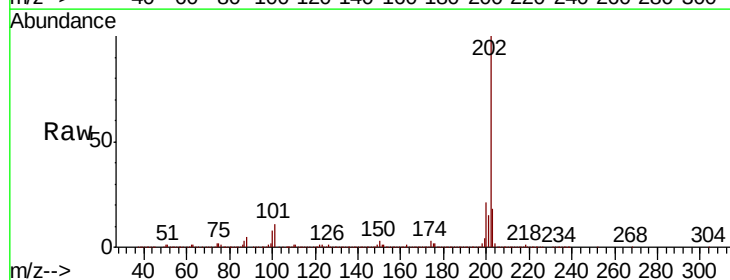
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

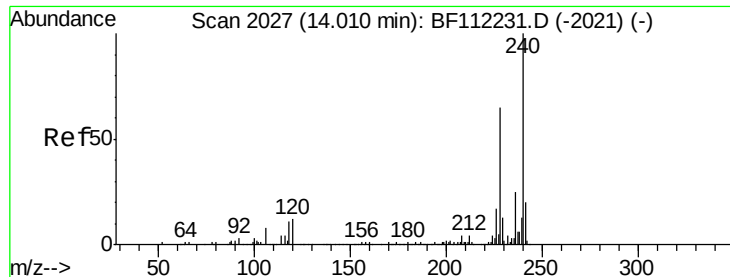
Tgt Ion:167 Resp: 116606
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.2 10.2 15.2



#75
 Fluoranthene
 Concen: 54.451 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112326.D
 Acq: 30 Jan 2019 17:18

Tgt Ion:202 Resp: 1442752
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 31.8
 203 18.1 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

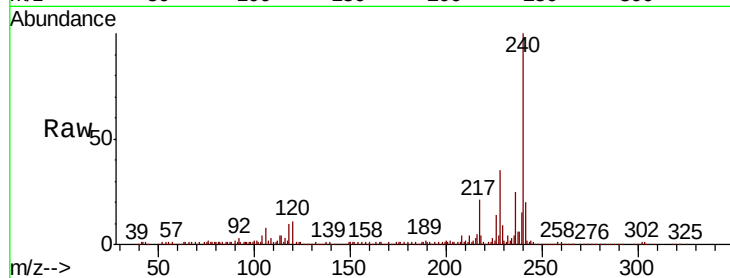
Tgt Ion:240 Resp: 351119

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

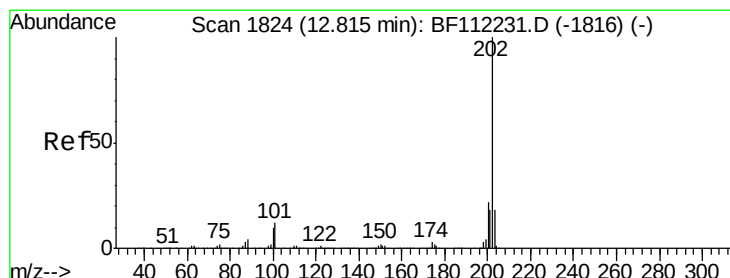
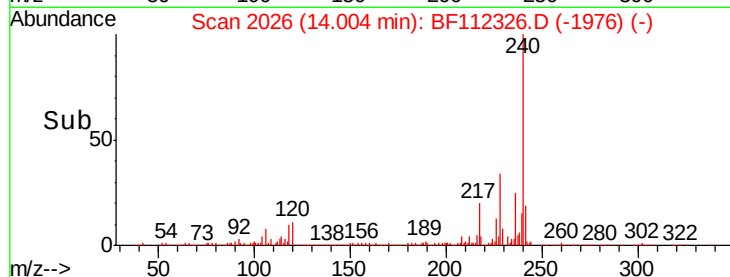
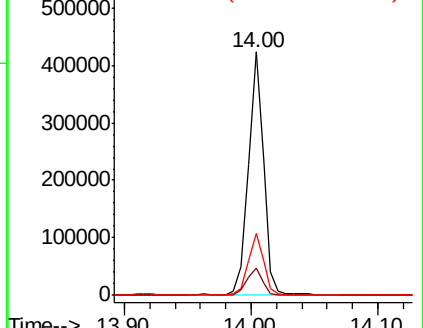
236 25.3 20.7 31.1



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

Pyrene

Concen: 49.452 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

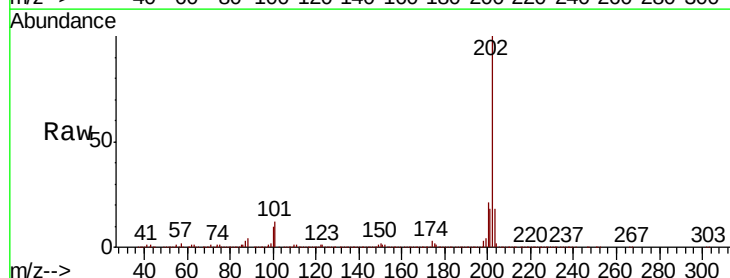
Tgt Ion:202 Resp: 1202160

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

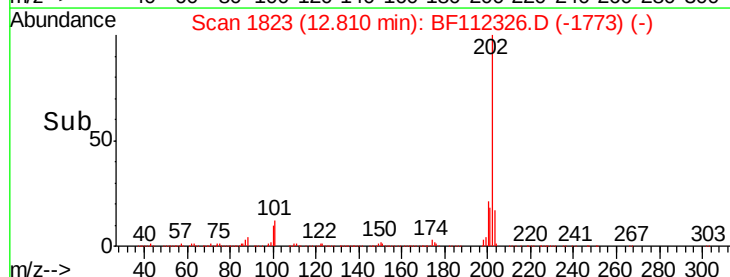
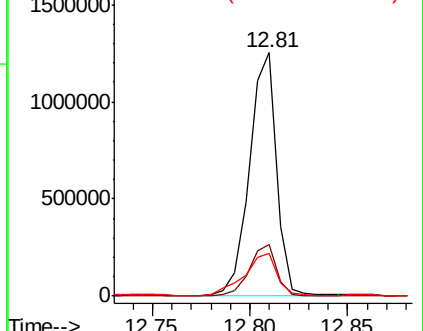
203 17.6 14.6 22.0

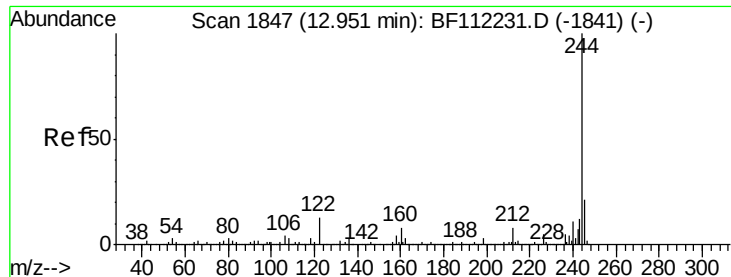


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.044 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

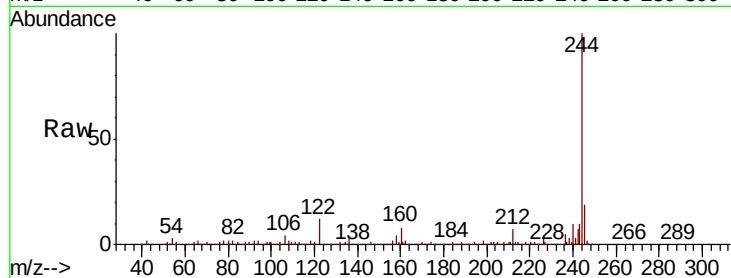
Tgt Ion:244 Resp: 895661

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

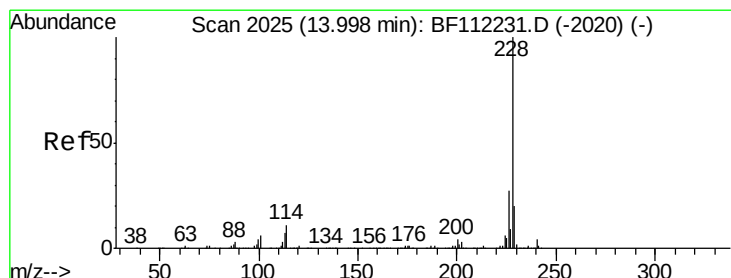
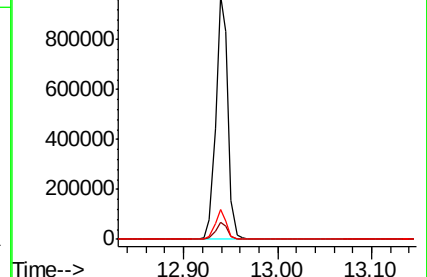
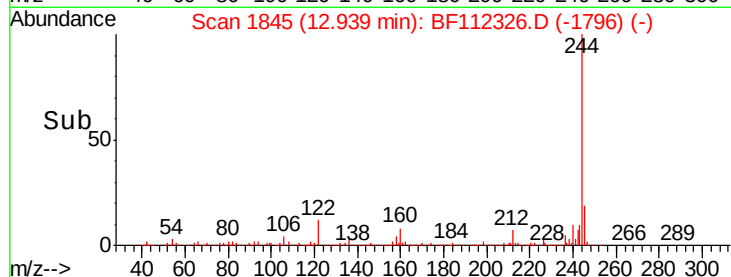
122 12.2 9.8 14.6



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: 30.367 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

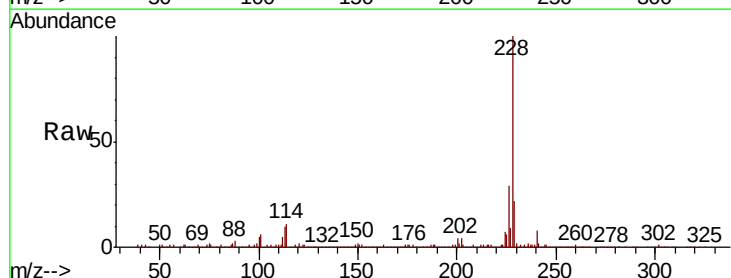
Tgt Ion:228 Resp: 626783

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

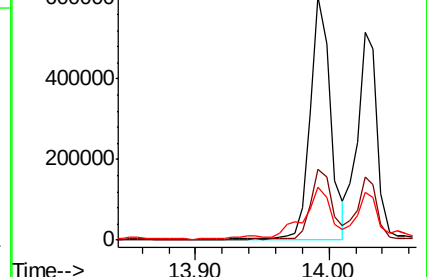
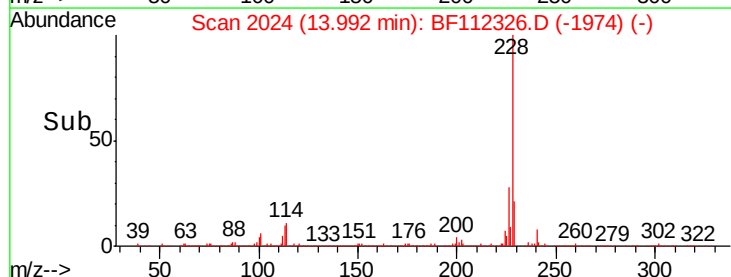
229 21.6 16.5 24.7

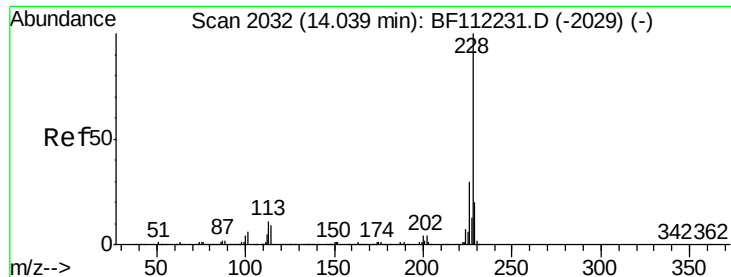


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 27.259 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-6

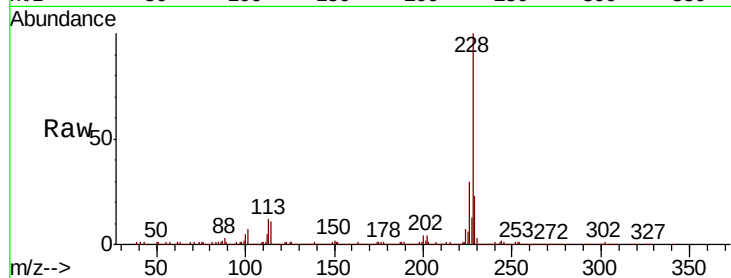
Tgt Ion: 228 Resp: 537078

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

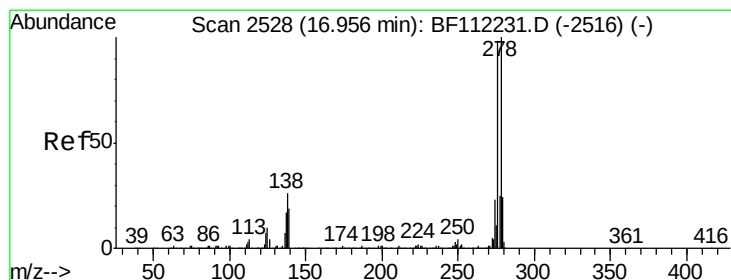
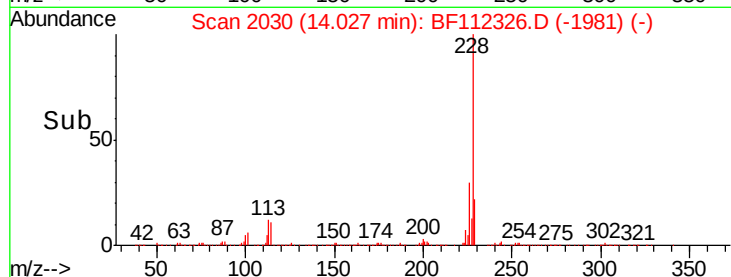
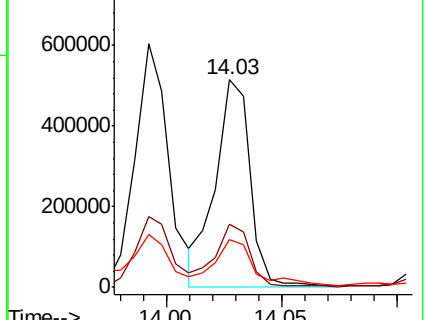
229 22.8 16.6 24.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.225 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF112326.D

Acq: 30 Jan 2019 17:18

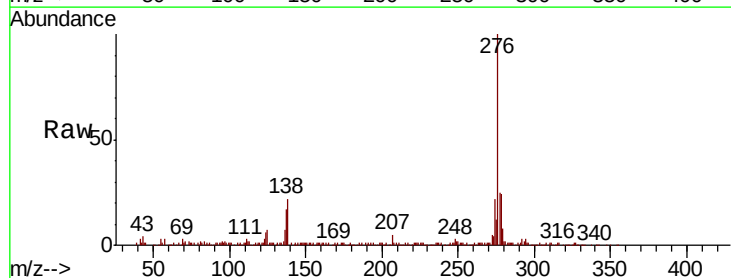
Tgt Ion: 276 Resp: 237689

Ion Ratio Lower Upper

276 100

138 21.6 22.6 34.0#

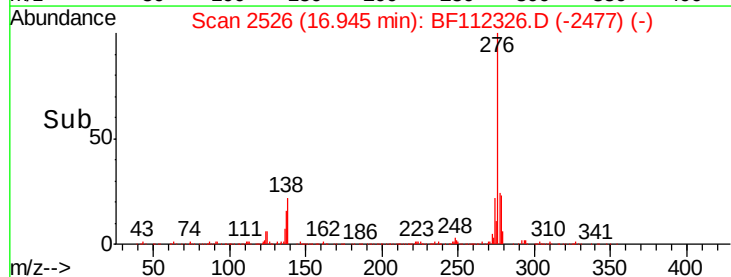
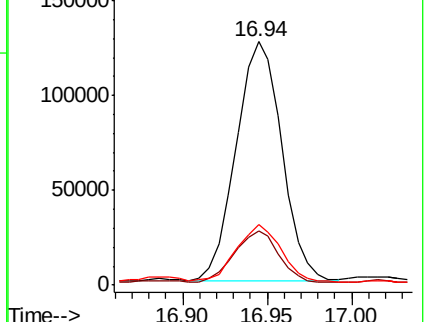
277 23.9 20.3 30.5

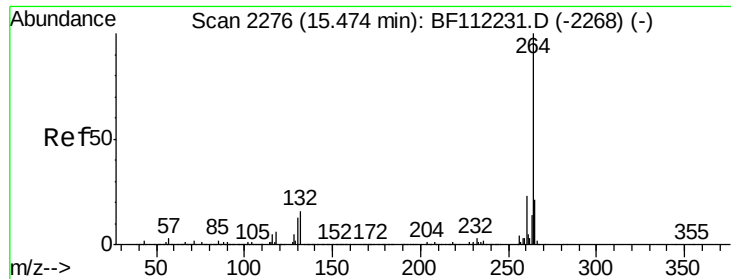


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



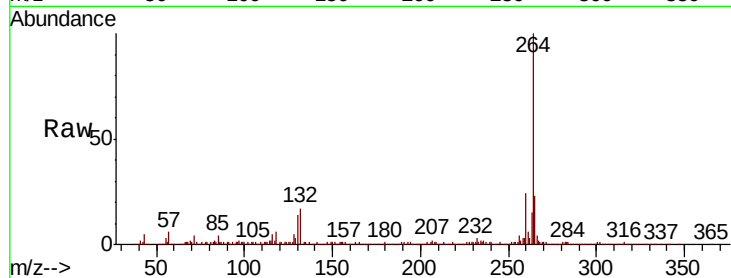


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

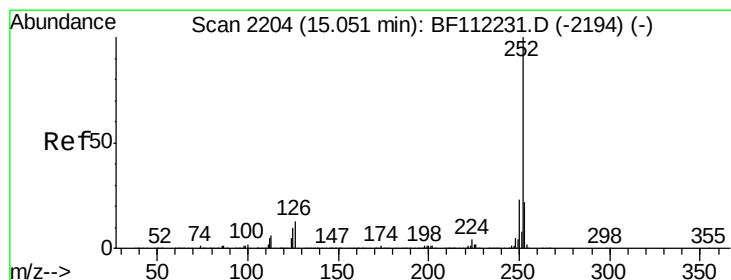
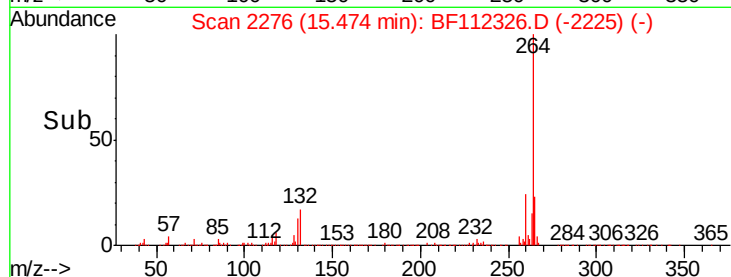
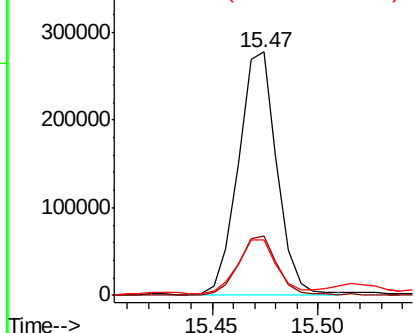
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 264 Resp: 347945

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	22.9	17.0	25.4



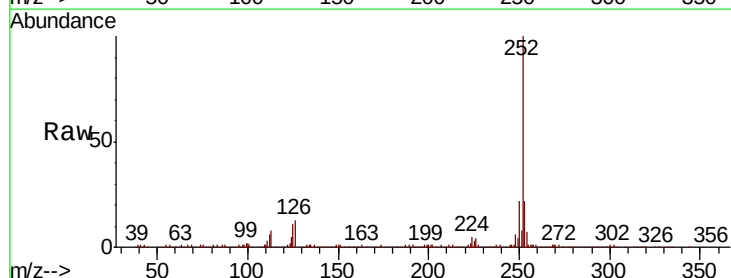
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



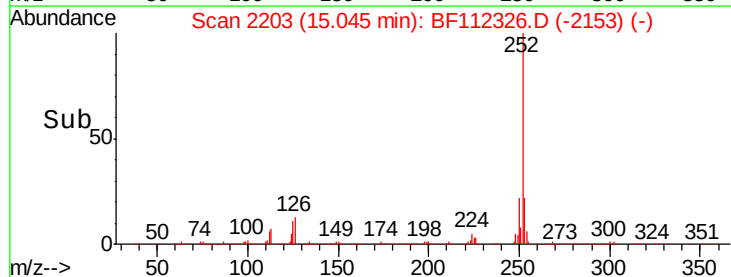
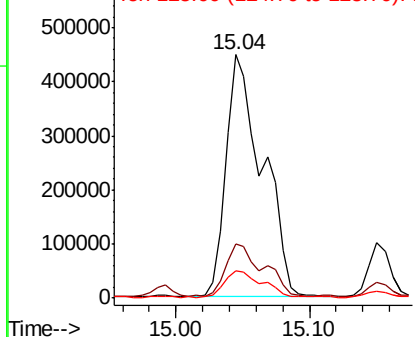
#88
Benzo(b)fluoranthene
Concen: 41.217 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

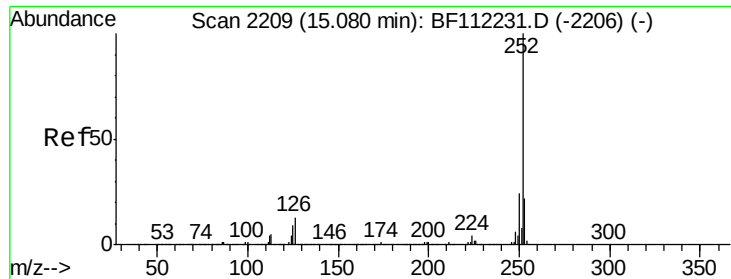
Tgt Ion: 252 Resp: 857676

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.2	8.7	13.1



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

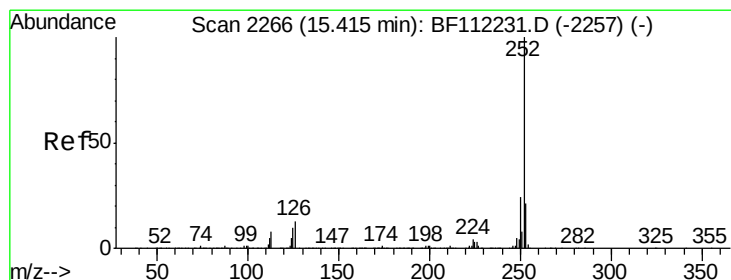
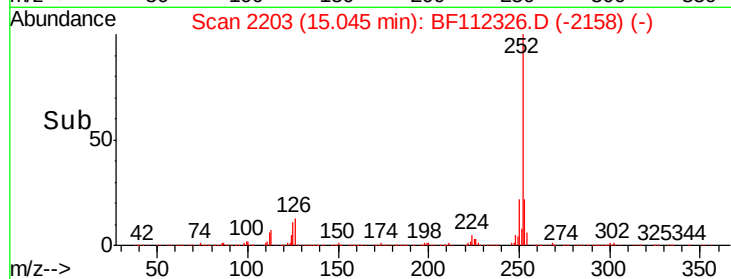
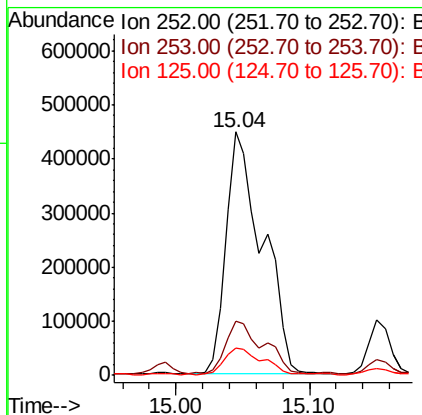
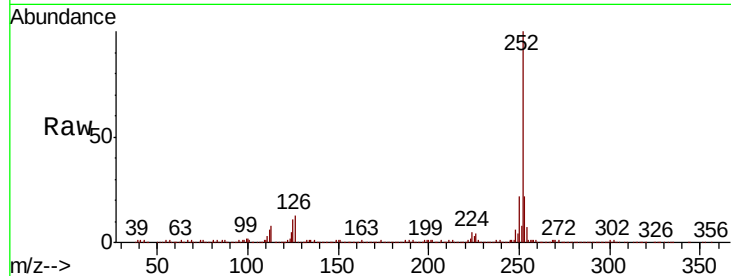




#89
Benzo(k)fluoranthene
Concen: 43.031 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

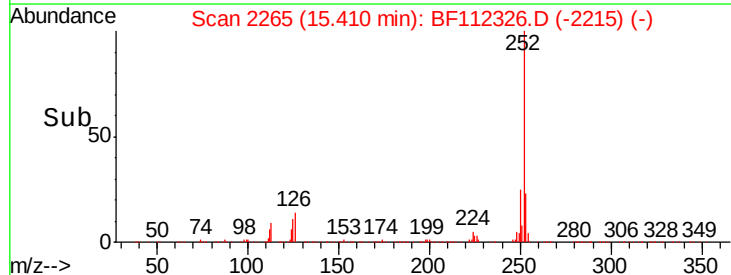
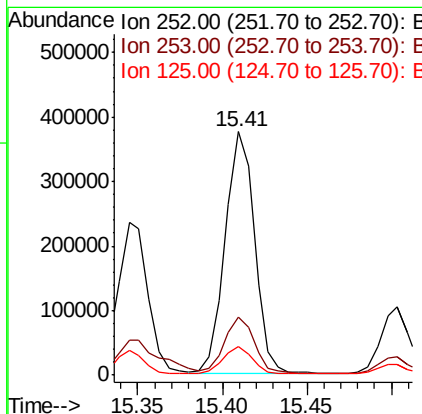
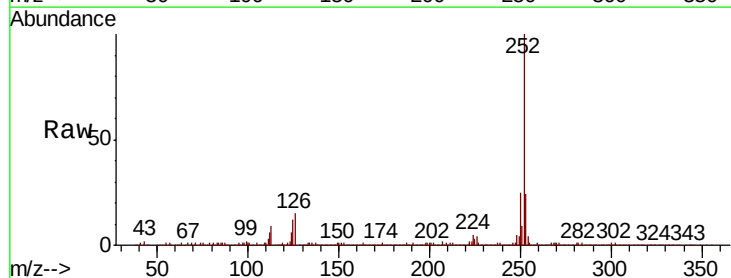
Instrument :
BNA_F
ClientSampleId :
TP-6

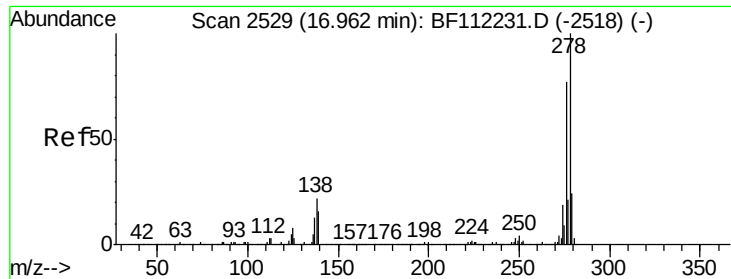
Tgt Ion:252 Resp: 857676
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 24.464 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion:252 Resp: 458047
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.8 9.0 13.4

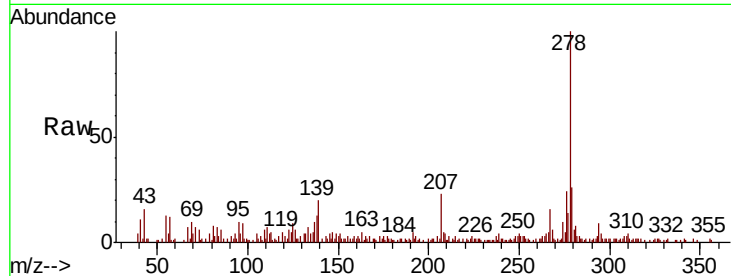




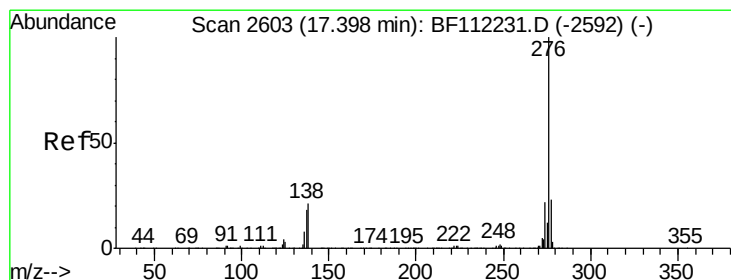
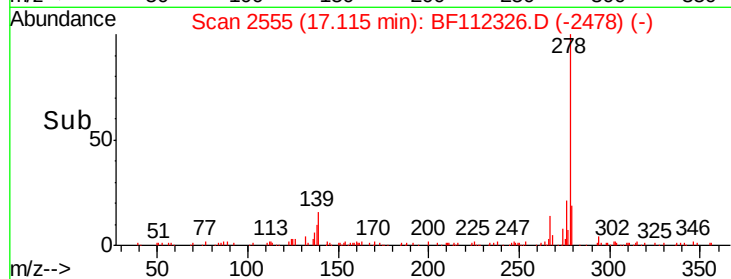
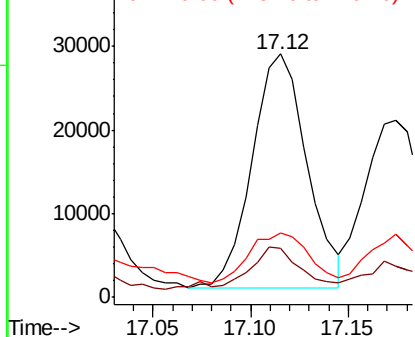
#91
Dibenzo(a,h)anthracene
Concen: 3.599 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.15 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 278 Resp: 54312
Ion Ratio Lower Upper
278 100
139 20.1 13.7 20.5
279 26.4 19.0 28.6

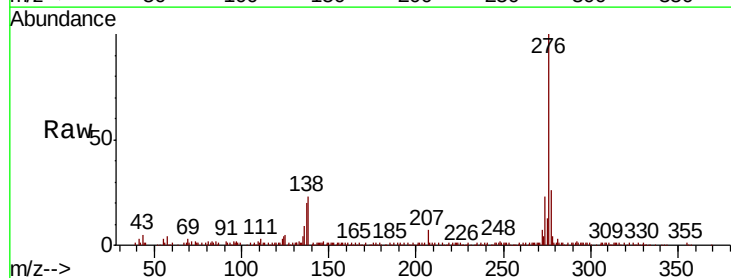


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 14.714 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112326.D
Acq: 30 Jan 2019 17:18

Tgt Ion: 276 Resp: 209484
Ion Ratio Lower Upper
276 100
277 25.9 19.4 29.0
138 22.5 19.1 28.7



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

