

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108313.D
 Acq On : 21 Aug 2018 1:43
 Operator : JU/SJ
 Sample : J4282-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081718

Quant Time: Aug 21 04:46:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	140523	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	489135	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	203985	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	361559	20.00	ng	0.00
75) Chrysene-d12	14.22	240	235485	20.00	ng	0.00
86) Perylene-d12	15.79	264	190822	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	464080	59.79	ng	0.01
7) Phenol-d6	6.64	99	590330	57.23	ng	0.00
23) Nitrobenzene-d5	7.58	82	350298	39.96	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	109588	53.86	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	622999	49.03	ng	0.00
78) Terphenyl-d14	13.15	244	533988	57.66	ng	0.00

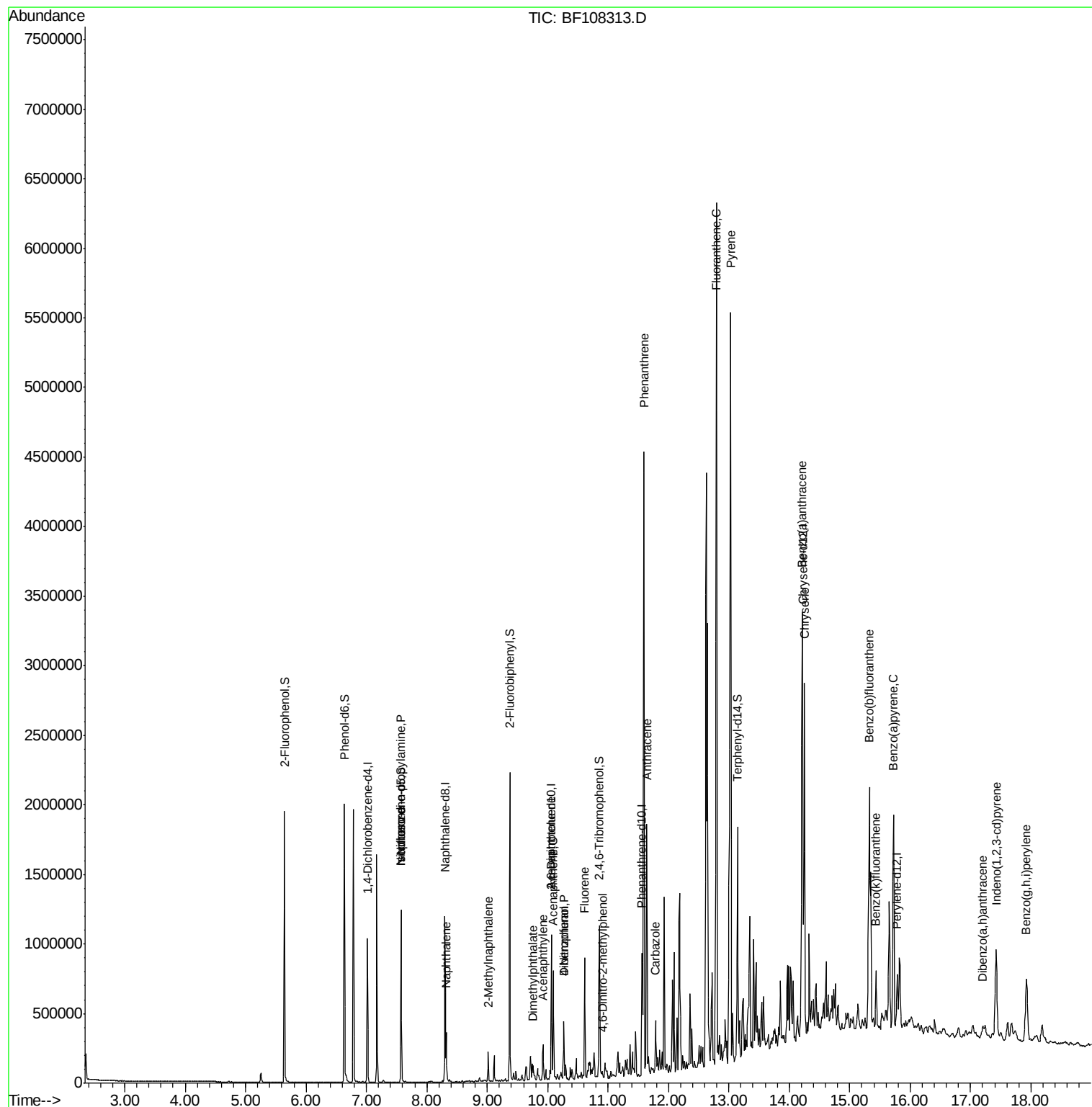
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	45957	6.589	ng	# 83
25) Isophorone	7.58	82	350295	20.966	ng	# 64
31) Naphthalene	8.32	128	144012	6.474	ng	99
37) 2-Methylnaphthalene	9.01	142	53590	3.405	ng	97
48) Acenaphthylene	9.92	152	101085	5.379	ng	99
49) Dimethylphthalate	9.77	163	28521	2.007	ng	# 99
50) 2,6-Dinitrotoluene	10.07	165	29462	9.910	ng	# 26
51) Acenaphthene	10.10	154	140457	12.203	ng	98
54) Dibenzofuran	10.27	168	152476	9.144	ng	98
55) 4-Nitrophenol	10.27	139	58690	23.828	ng	# 11
57) Fluorene	10.61	166	217691	16.491	ng	98
64) 4,6-Dinitro-2-methylphenol	10.92	198	227	5.507	ng	# 1
70) Phenanthrene	11.60	178	1851427	108.566	ng	98
71) Anthracene	11.64	178	698739	39.977	ng	99
72) Carbazole	11.79	167	132271	8.518	ng	99
74) Fluoranthene	12.80	202	3043917	163.548	ng	96
77) Pyrene	13.03	202	2648186	177.627	ng	95
80) Benzo(a)anthracene	14.21	228	1287566	95.273	ng	97
82) Chrysene	14.25	228	992446	80.101	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	469030	43.690	ng	# 87
87) Benzo(b)fluoranthene	15.32	252	1559205	136.744	ng	96
88) Benzo(k)fluoranthene	15.44	252	193790	18.489	ng	93
89) Benzo(a)pyrene	15.72	252	816889	80.005	ng	95
90) Dibenzo(a,h)anthracene	17.21	278	79919	9.460	ng	92
91) Benzo(g,h,i)perylene	17.92	276	434243	52.200	ng	# 89

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

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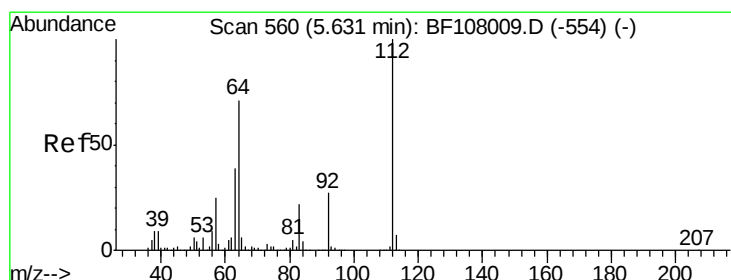
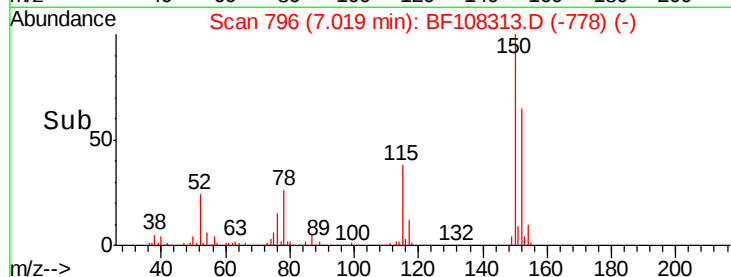
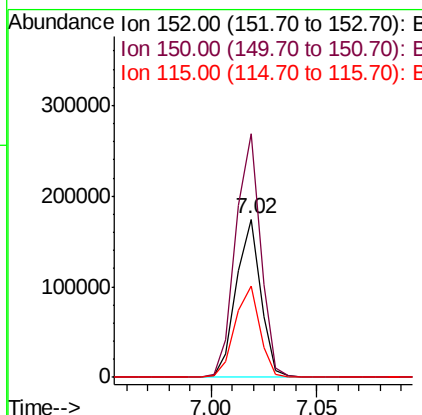
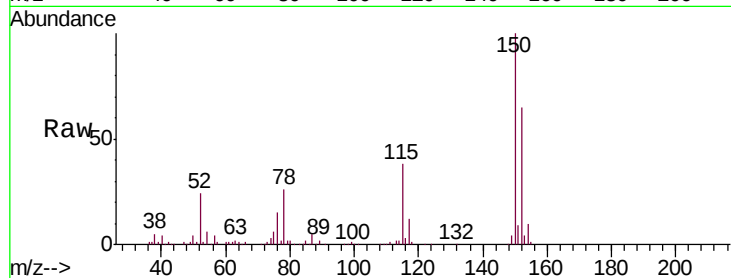


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Instrument :
BNA_F
ClientSampleId :
SU-04-081718

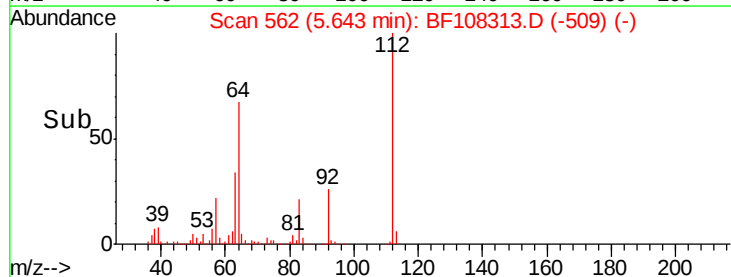
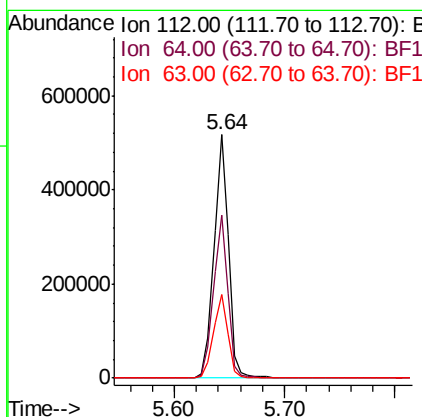
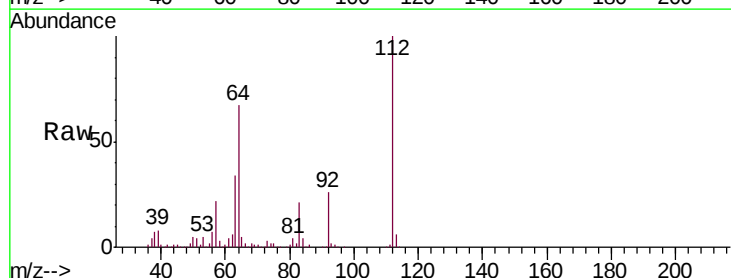
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.1	50.1	75.1



#5

2-Fluorophenol
Concen: 59.791 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.5	23.7	35.5





#7

Phenol-d6

Concen: 57.234 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

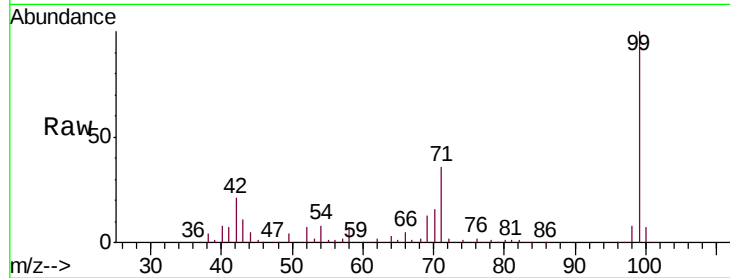
Tgt Ion: 99 Resp: 590330

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

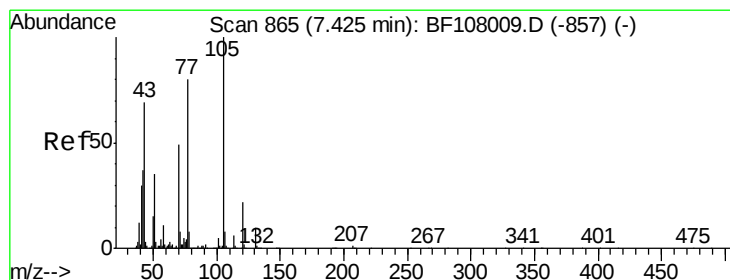
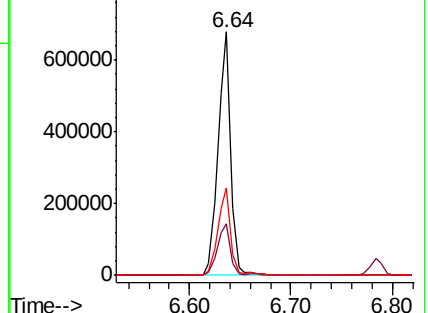
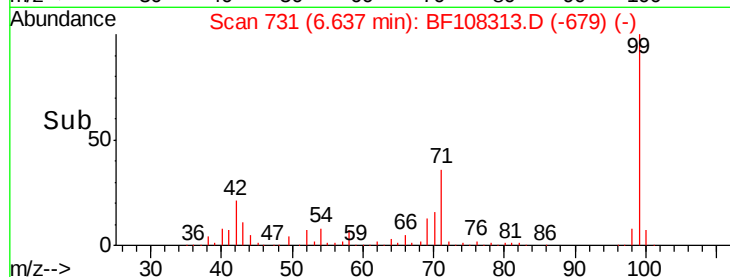
71 35.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 6.589 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Tgt Ion: 70 Resp: 45957

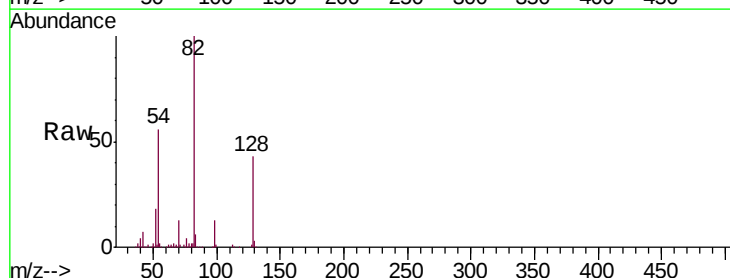
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

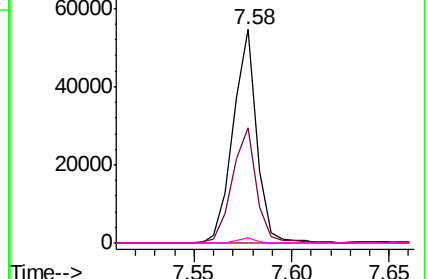
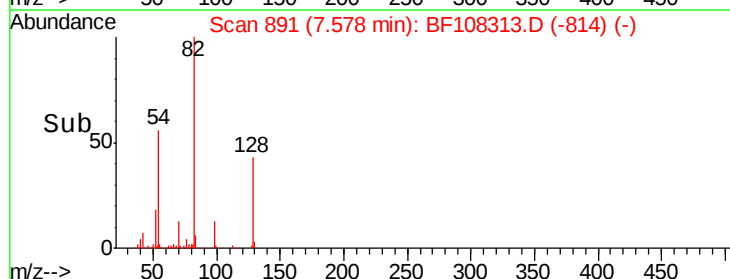


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

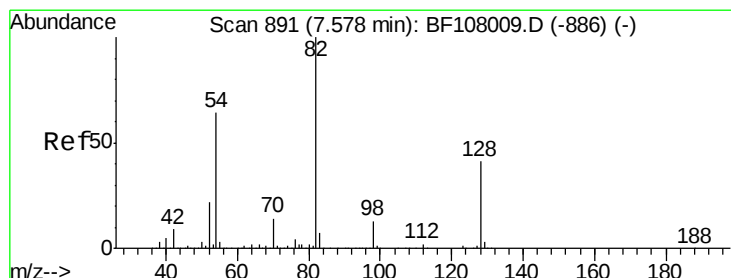
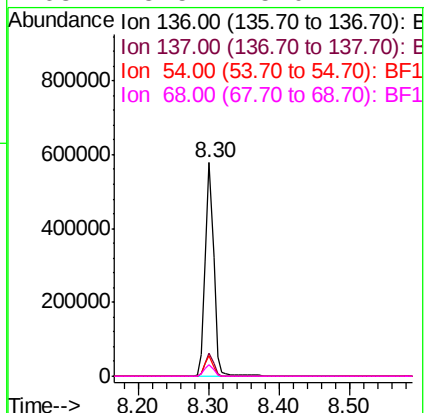
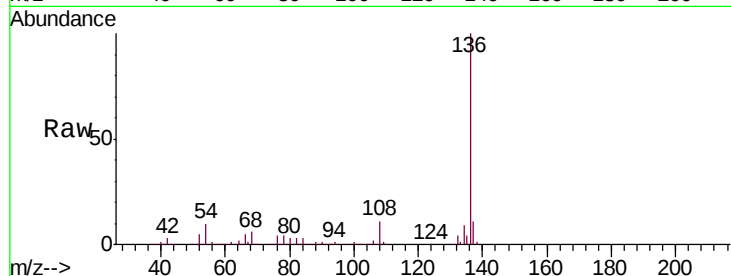




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

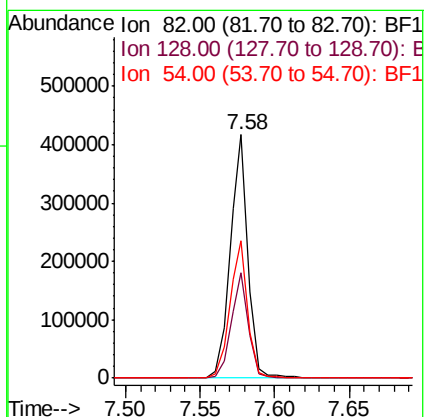
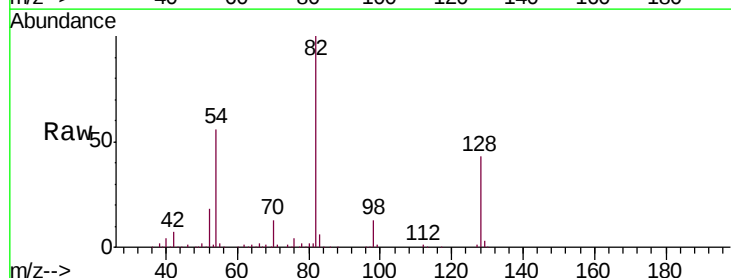
Instrument :
BNA_F
ClientSampleId :
SU-04-081718

Tgt Ion:	136	Resp:	489135
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 39.963 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Tgt Ion:	82	Resp:	350298
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	56.3	41.4	62.2





#25

Isophorone

Concen: 20.966 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

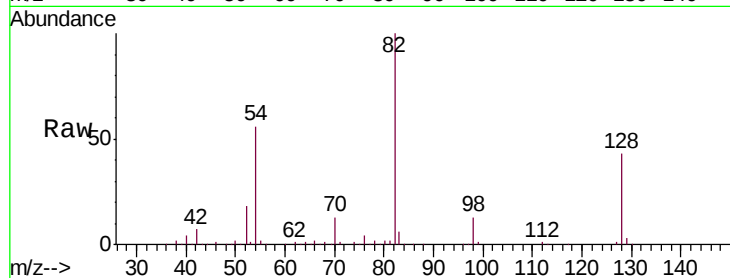
Tgt Ion: 82 Resp: 350295

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

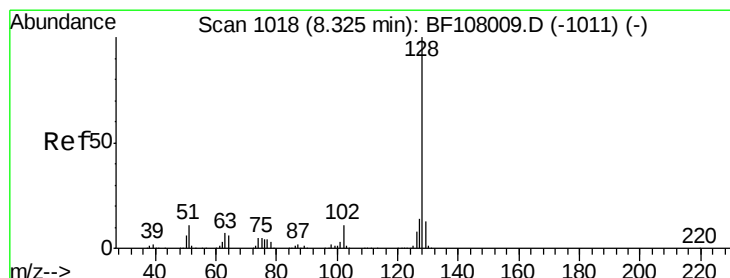
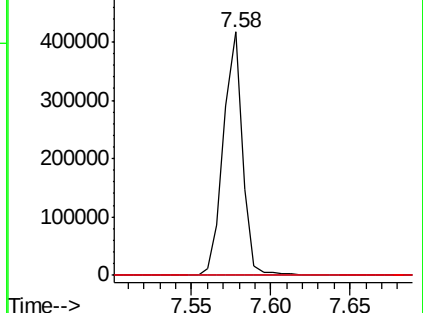
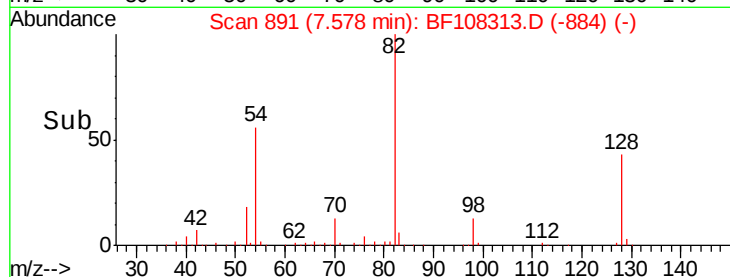
138 0.0 14.9 22.3#



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: 6.474 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

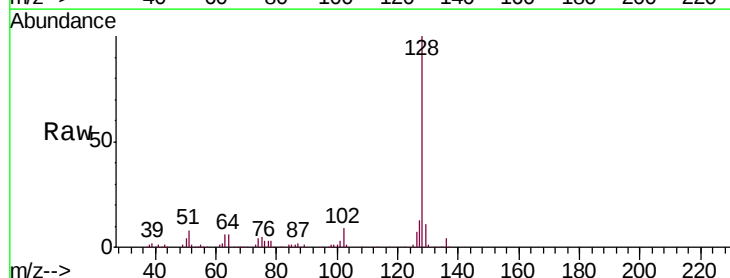
Tgt Ion: 128 Resp: 144012

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

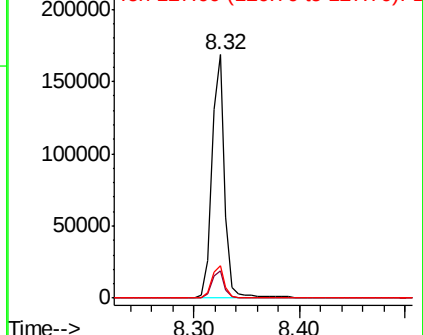
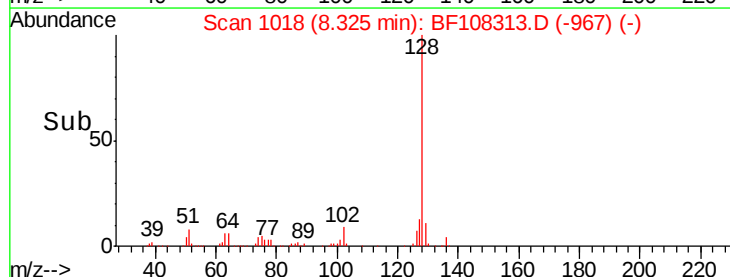
127 13.1 10.9 16.3

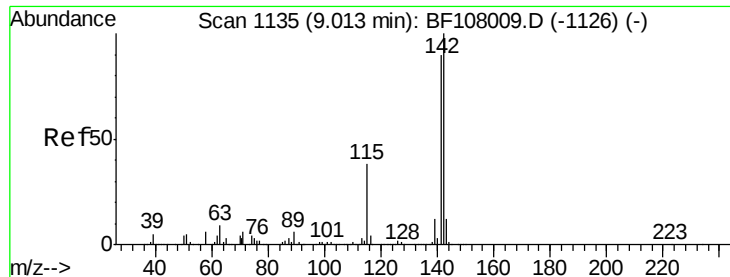


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

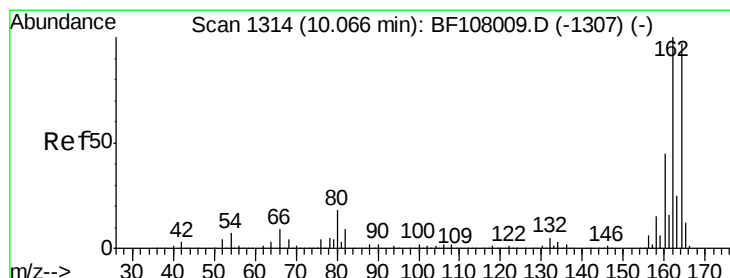
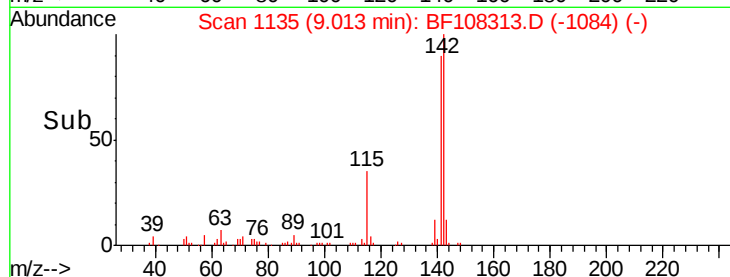
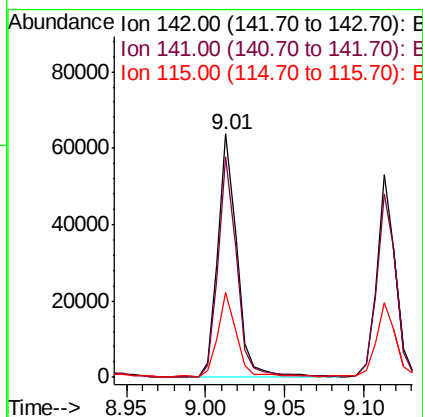
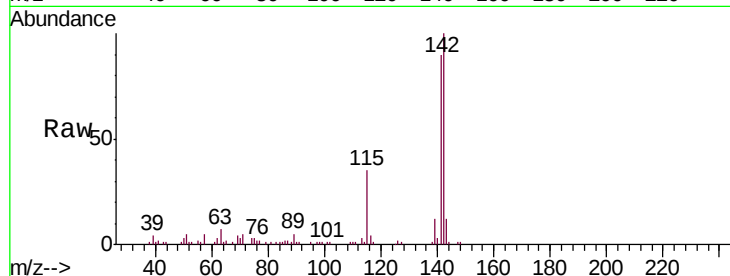




#37
 2-Methylnaphthalene
 Concen: 3.405 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

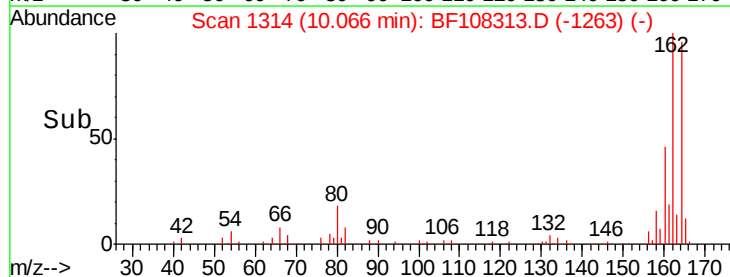
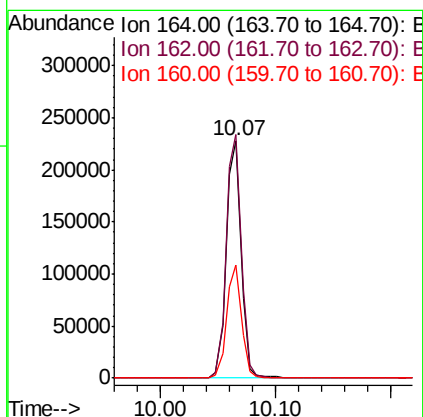
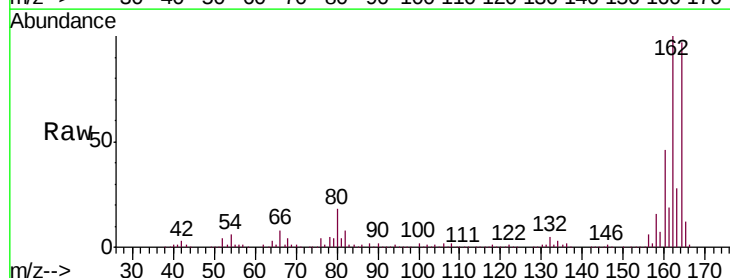
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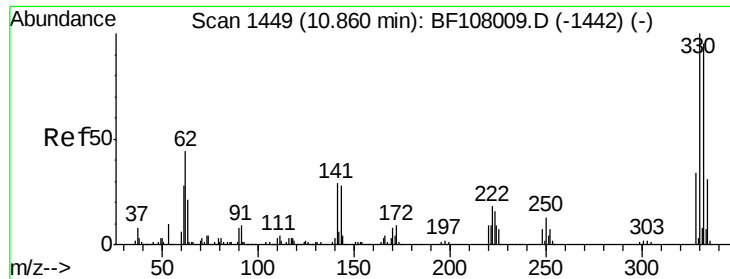
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.4	38.3	57.5

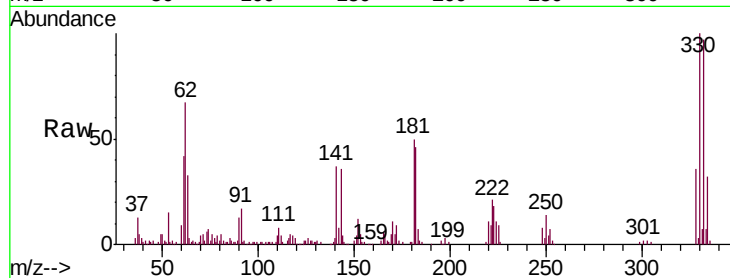




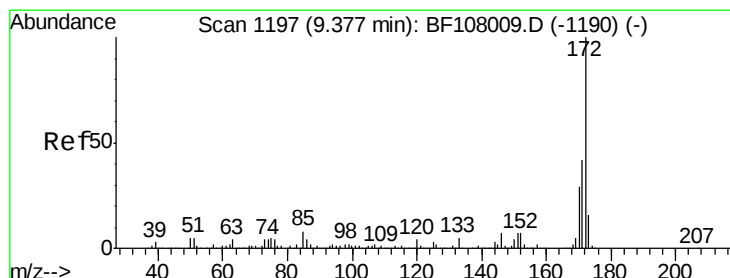
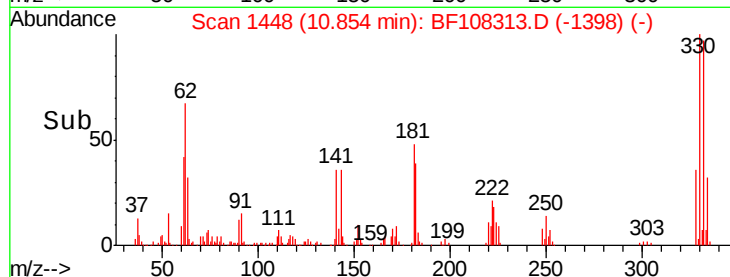
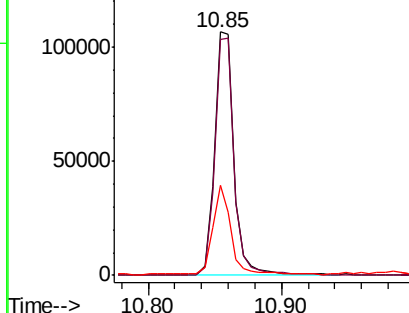
#41
 2,4,6-Tribromophenol
 Concen: 53.860 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081718

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.9	29.9	44.9

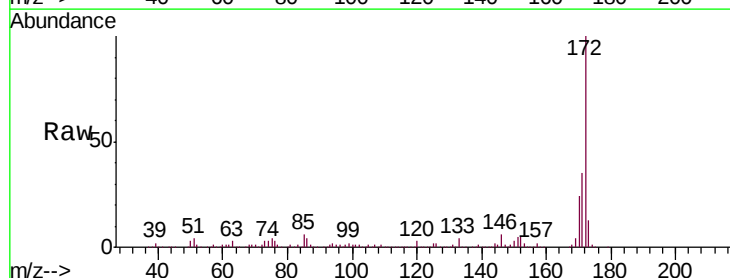


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

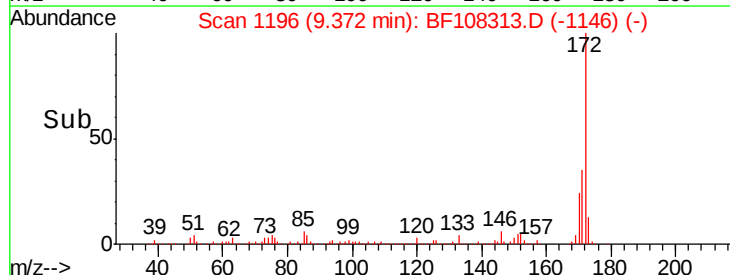
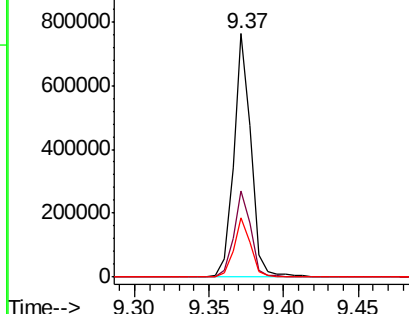


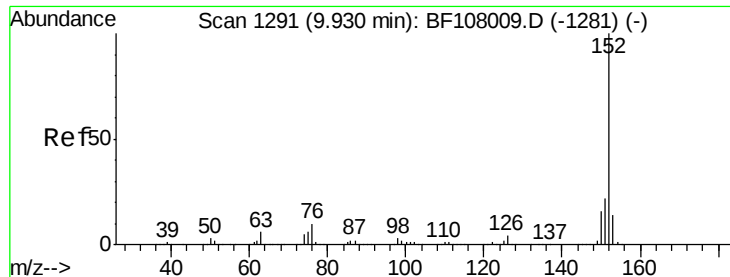
#44
 2-Fluorobiphenyl
 Concen: 49.033 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	19.6	29.4



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





#48

Acenaphthylene

Concen: 5.379 ng

RT: 9.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

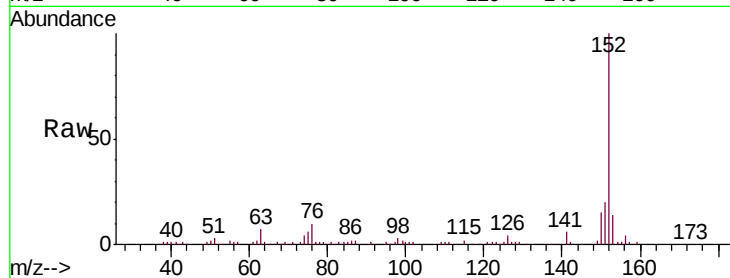
Tgt Ion:152 Resp: 101085

Ion Ratio Lower Upper

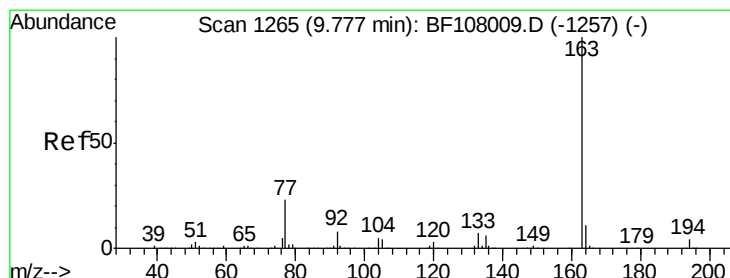
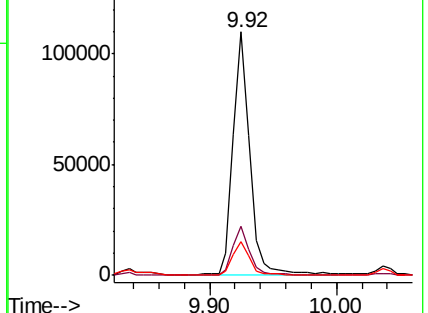
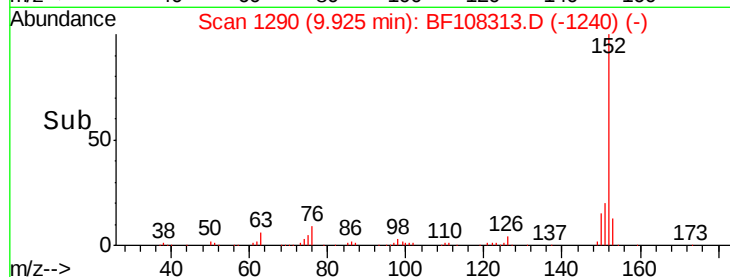
152 100

151 20.1 16.3 24.5

153 14.0 10.7 16.1



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



#49

Dimethylphthalate

Concen: 2.007 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

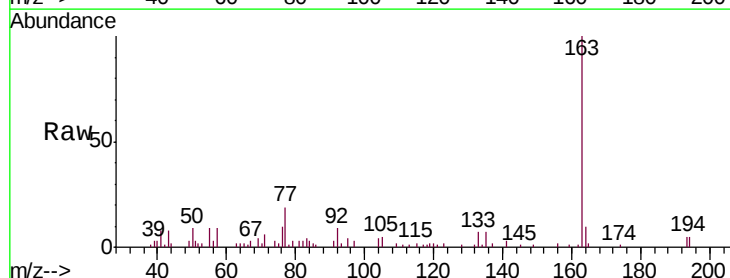
Tgt Ion:163 Resp: 28521

Ion Ratio Lower Upper

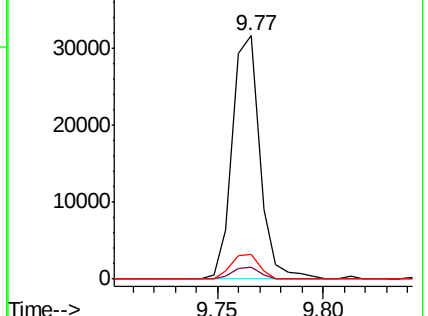
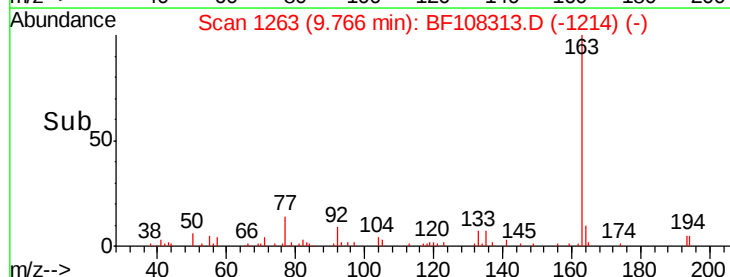
163 100

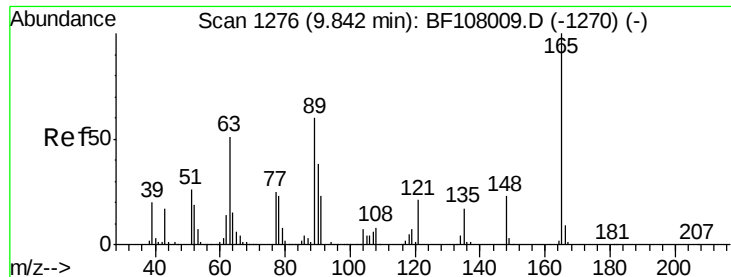
194 4.8 2.7 4.1#

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

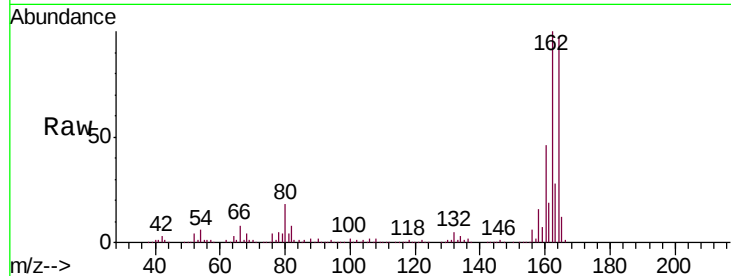




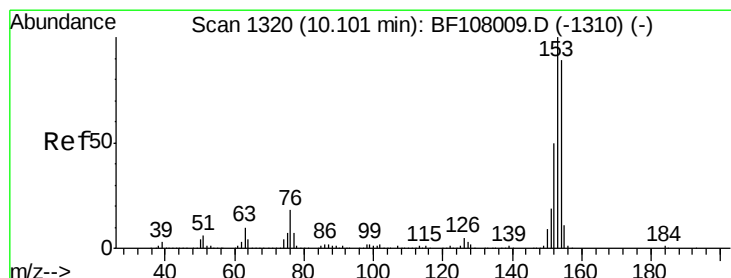
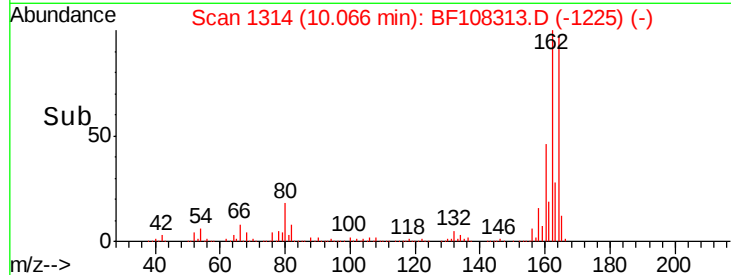
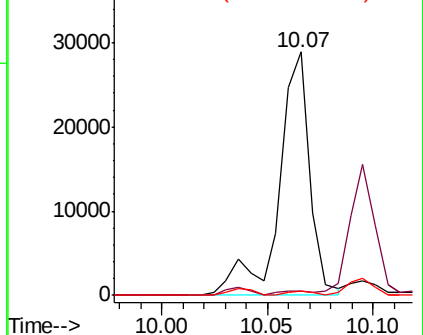
#50
2,6-Dinitrotoluene
Concen: 9.910 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.22 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Instrument :
BNA_F
ClientSampleId :
SU-04-081718

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.7	44.0	66.0#

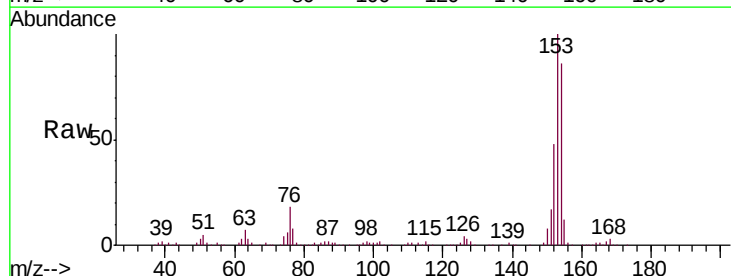


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

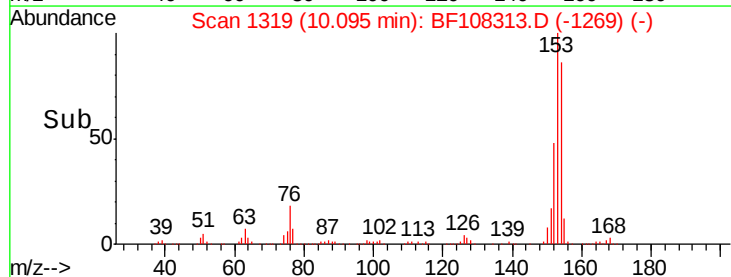
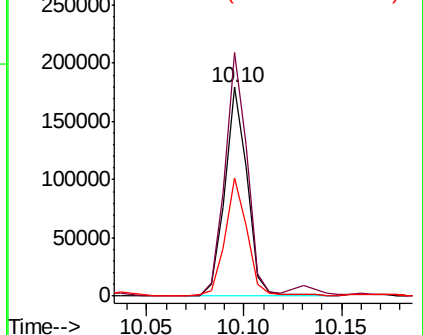


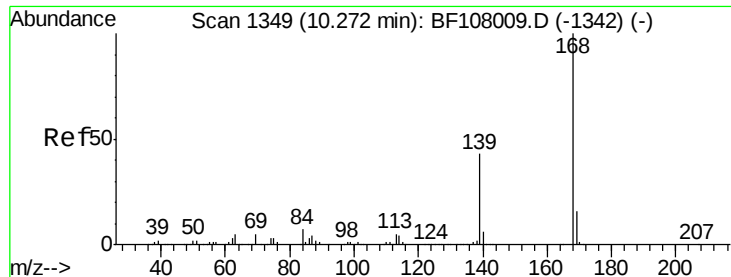
#51
Acenaphthene
Concen: 12.203 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.2	136.8
152	56.3	43.8	65.8



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





#54

Dibenzofuran

Concen: 9.144 ng

RT: 10.27 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

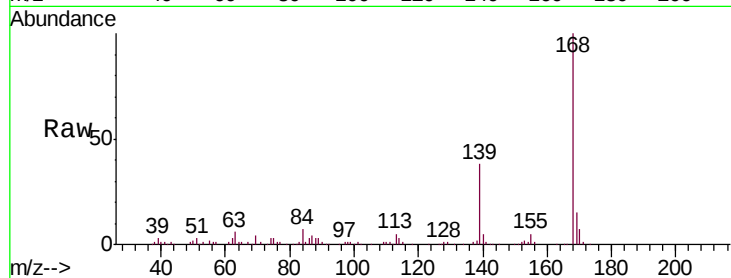
Tgt Ion:168 Resp: 152476

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

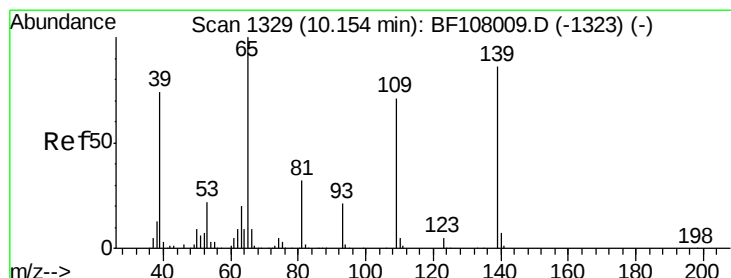
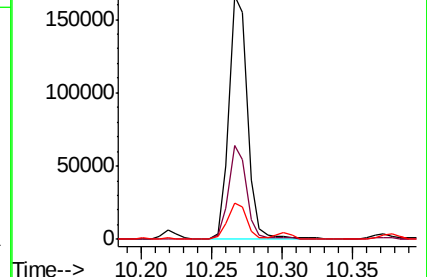
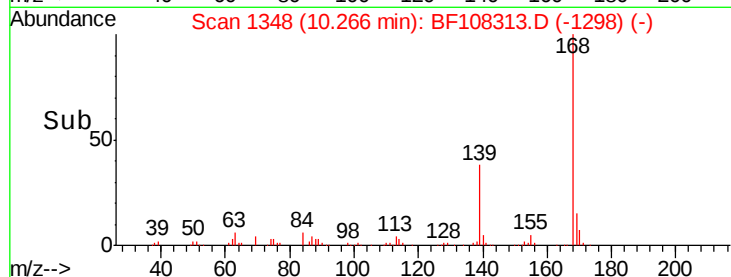
169 15.1 10.9 16.3



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



#55

4-Nitrophenol

Concen: 23.828 ng

RT: 10.27 min Scan# 1348

Delta R.T. 0.11 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

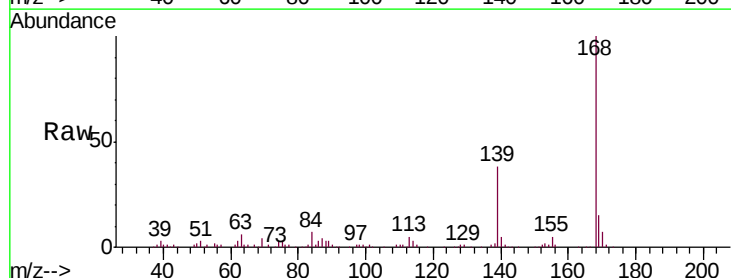
Tgt Ion:139 Resp: 58690

Ion Ratio Lower Upper

139 100

109 1.7 48.4 88.4#

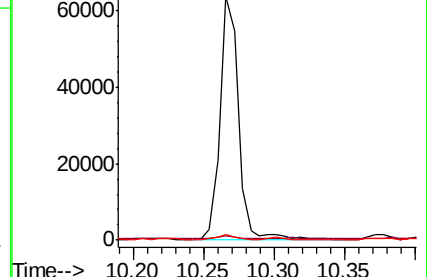
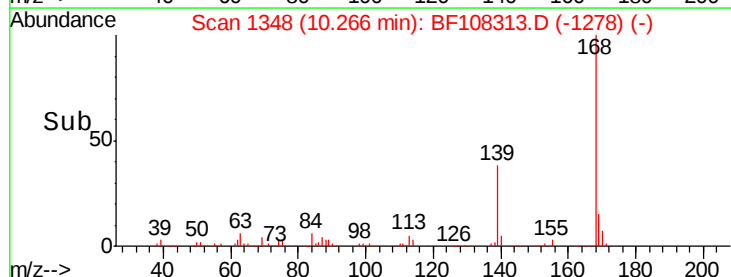
65 2.1 72.6 112.6#

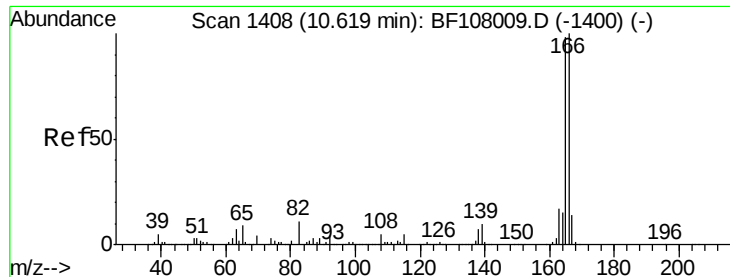


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 16.491 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

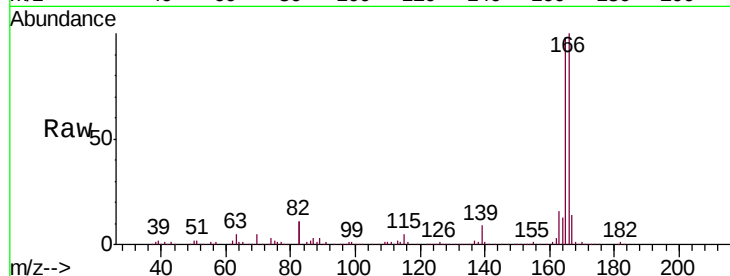
Tgt Ion:166 Resp: 217691

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

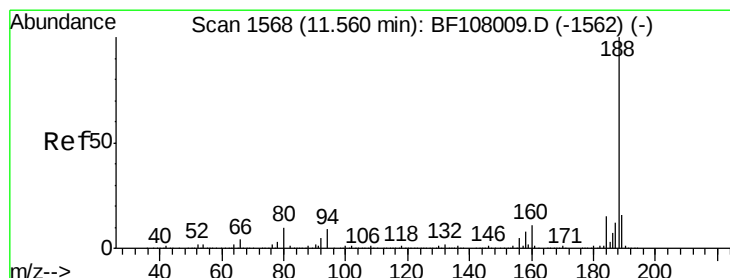
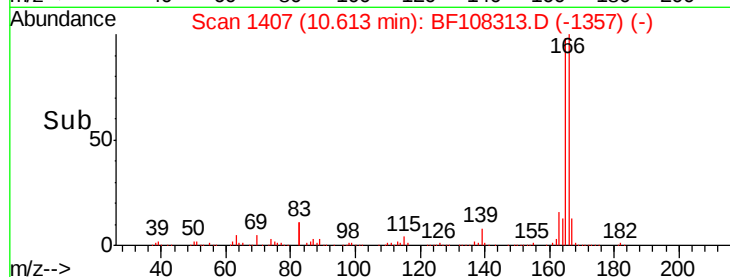
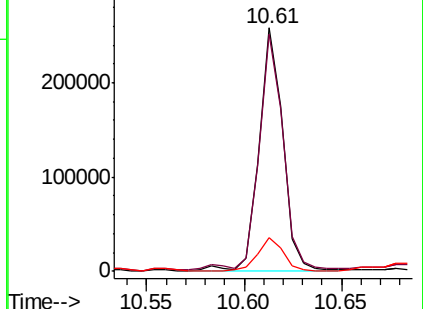
167 13.7 10.6 16.0



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

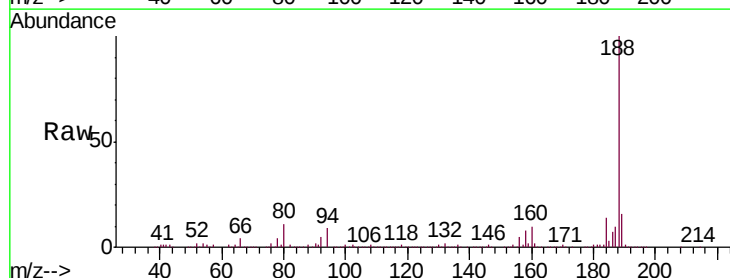
Tgt Ion:188 Resp: 361559

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

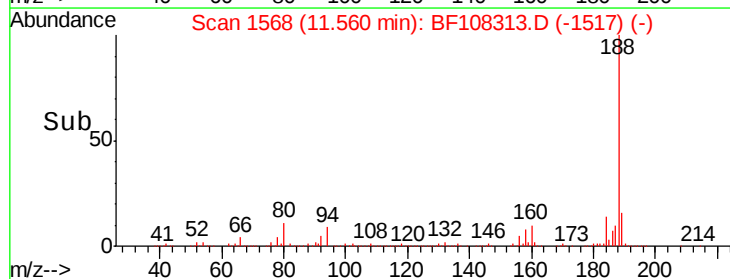
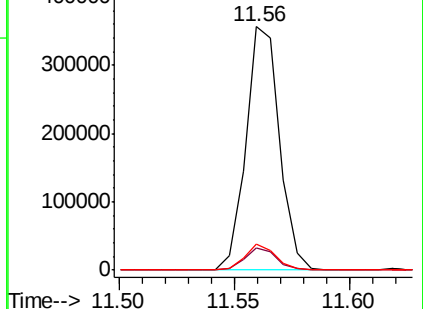
80 10.5 9.2 13.8

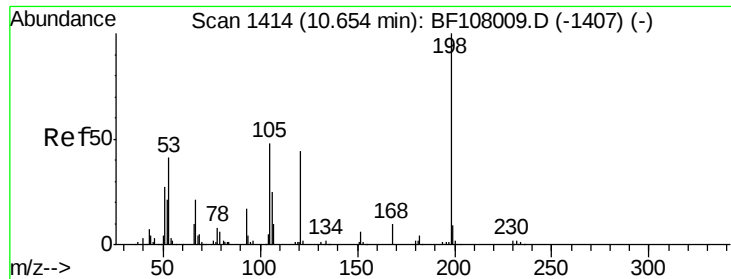


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

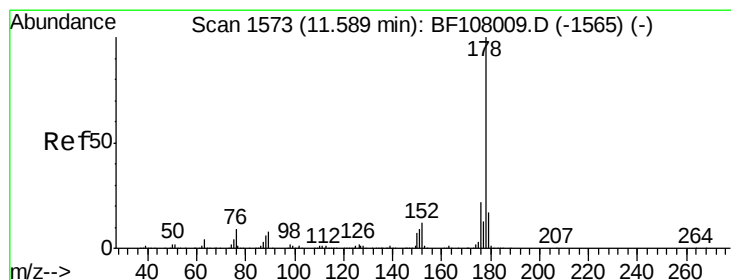
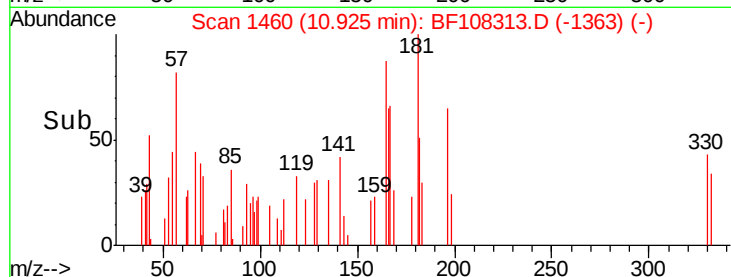
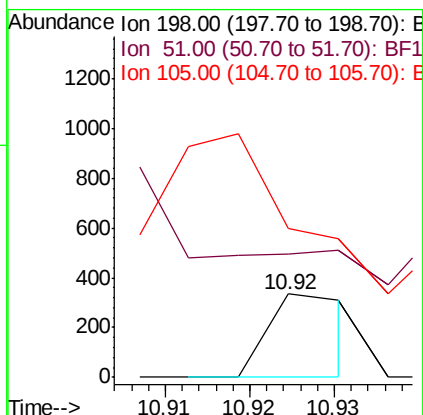
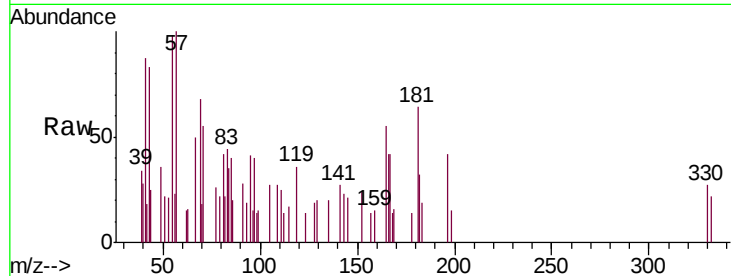




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.507 ng
 RT: 10.92 min Scan# 1460
 Delta R.T. 0.27 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

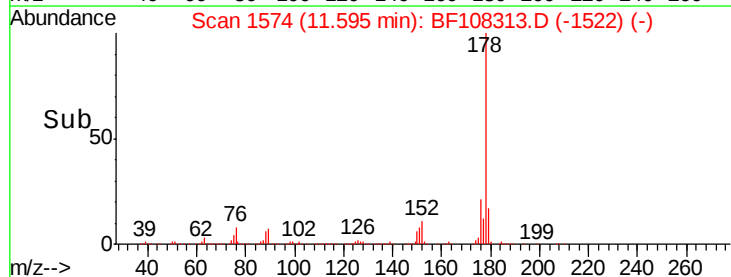
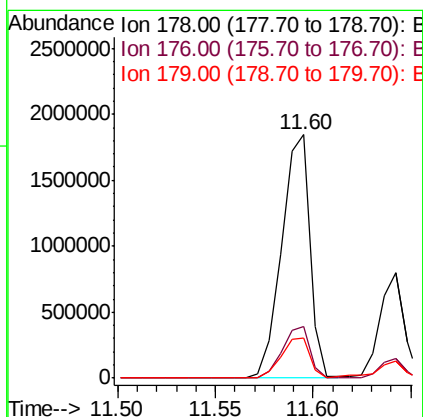
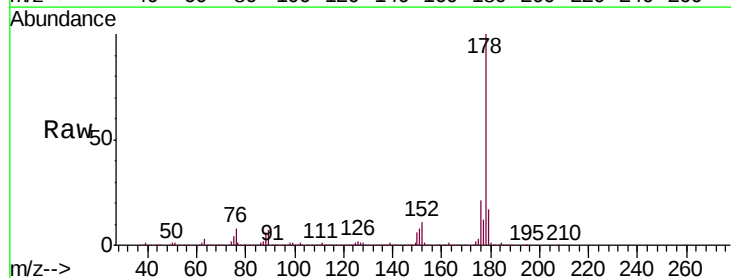
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081718

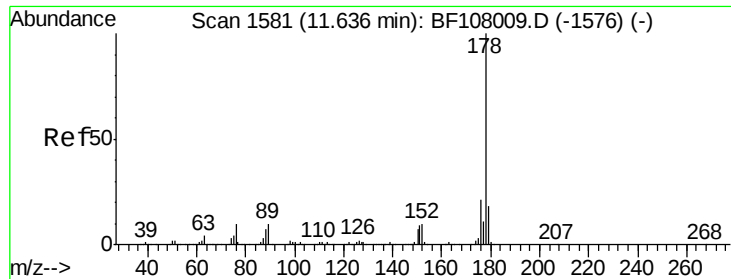
Tgt Ion:198 Resp: 227
 Ion Ratio Lower Upper
 198 100
 51 147.6 37.7 77.7#
 105 179.6 36.3 76.3#



#70
 Phenanthrene
 Concen: 108.566 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Tgt Ion:178 Resp: 1851427
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.8 23.8
 179 16.7 13.0 19.6

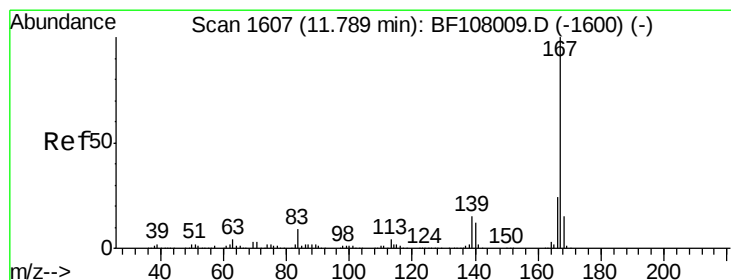
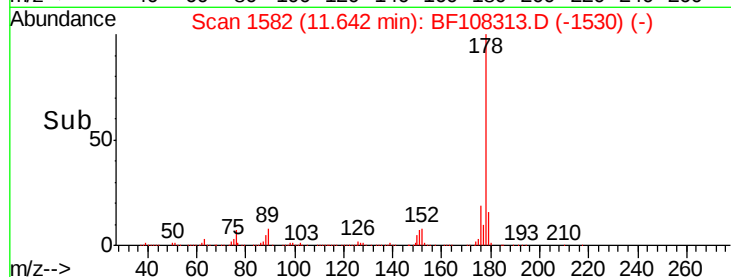
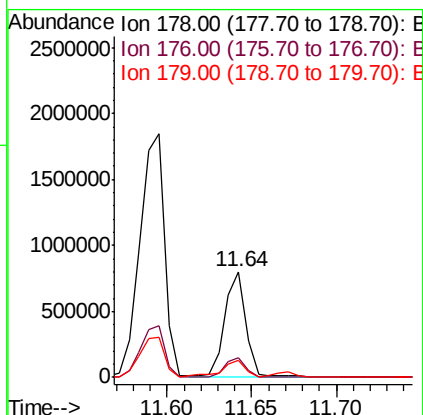
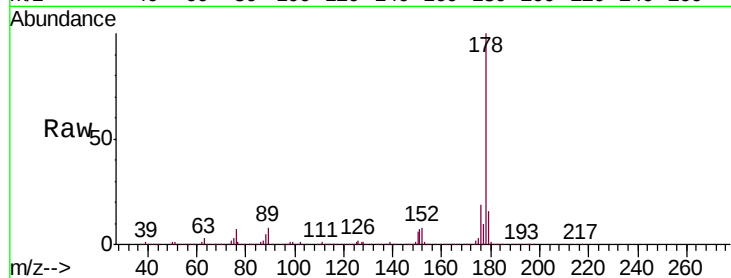




#71
 Anthracene
 Concen: 39.977 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

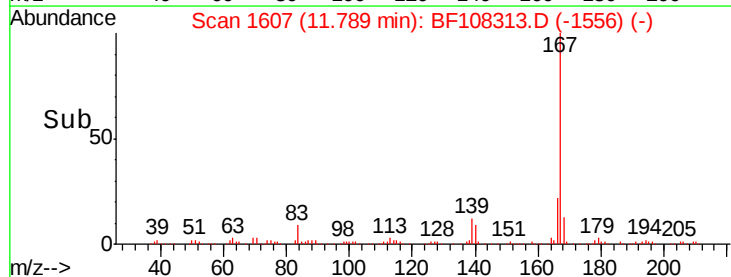
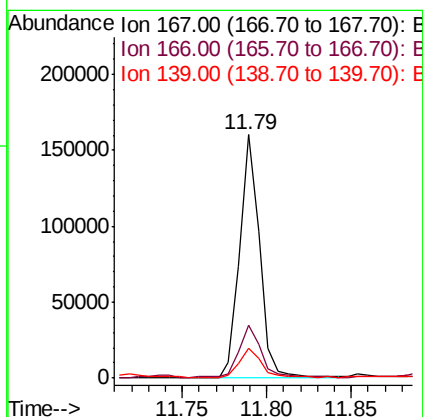
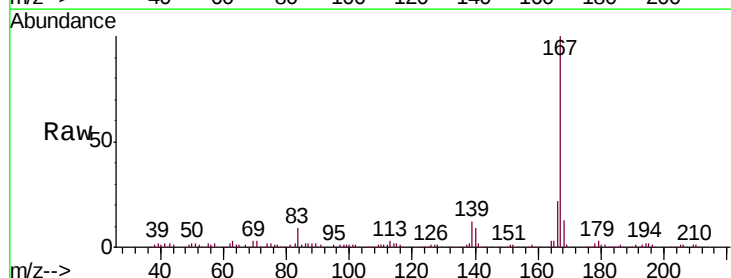
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081718

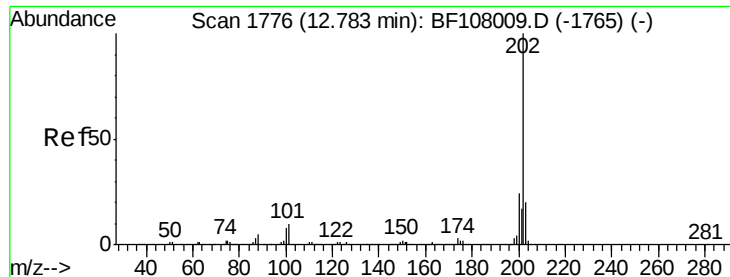
Tgt Ion:178 Resp: 698739
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 8.518 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Tgt Ion:167 Resp: 132271
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.4 10.9 16.3





#74

Fluoranthene

Concen: 163.548 ng

RT: 12.80 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

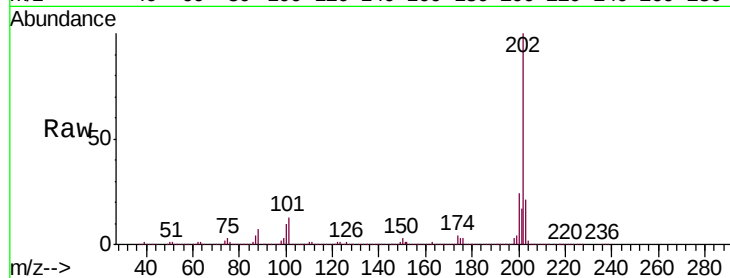
Tgt Ion:202 Resp: 3043917

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

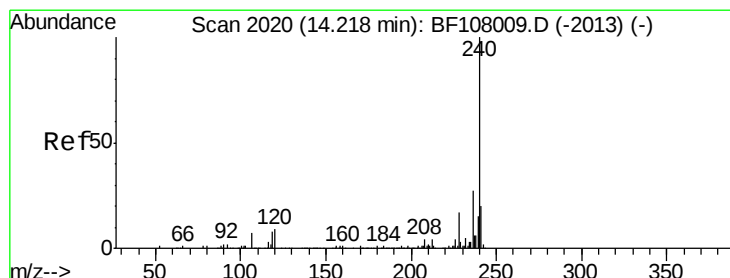
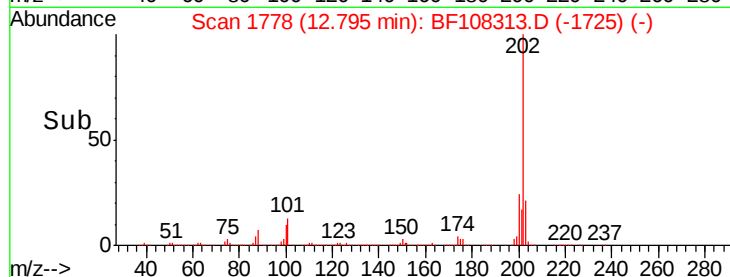
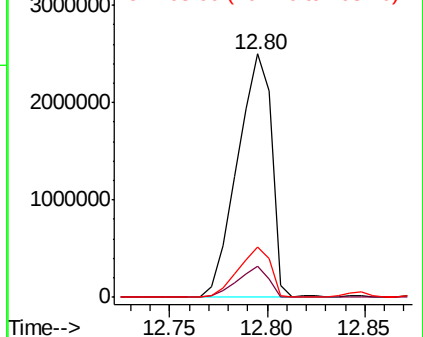
203 20.6 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

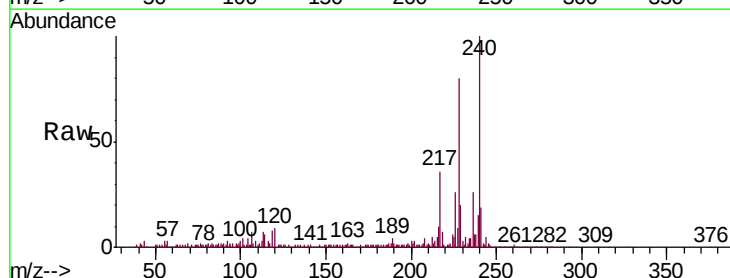
Tgt Ion:240 Resp: 235485

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

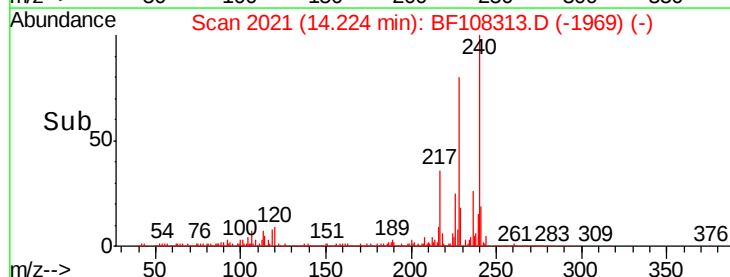
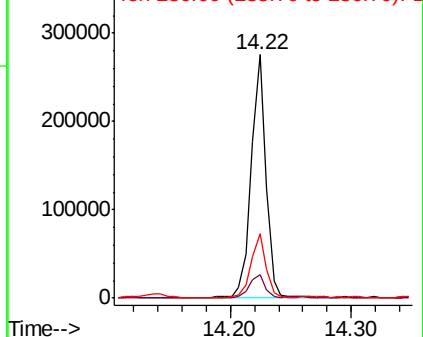
236 26.2 20.7 31.1

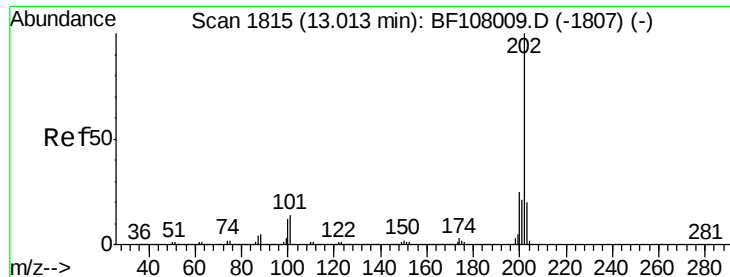


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 177.627 ng

RT: 13.03 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

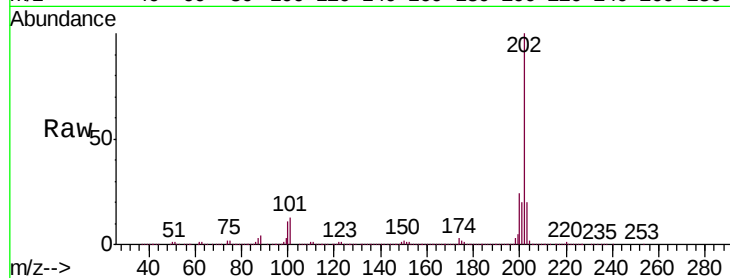
BNA_F

ClientSampleId :

SU-04-081718

Tgt Ion:202 Resp: 2648186

Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.4	26.2
203	20.2	14.3	21.5

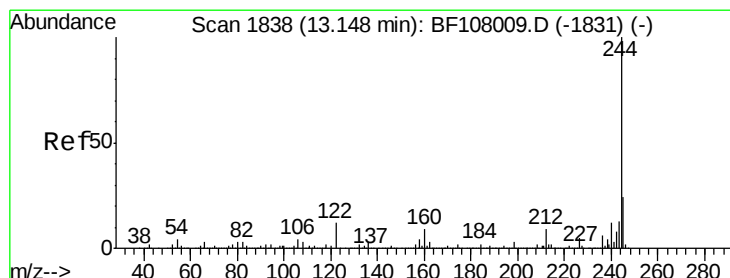
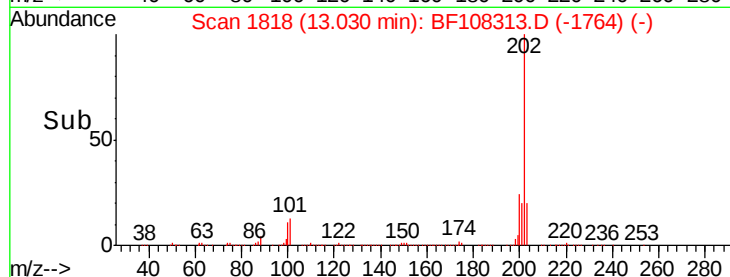
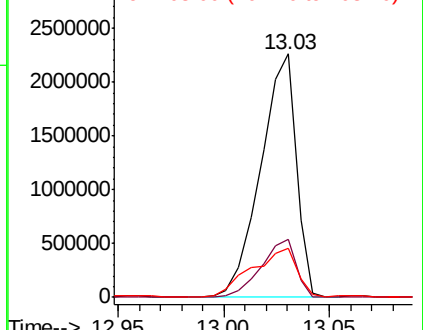


Abundance

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



#78

Terphenyl-d14

Concen: 57.656 ng

RT: 13.15 min Scan# 1838

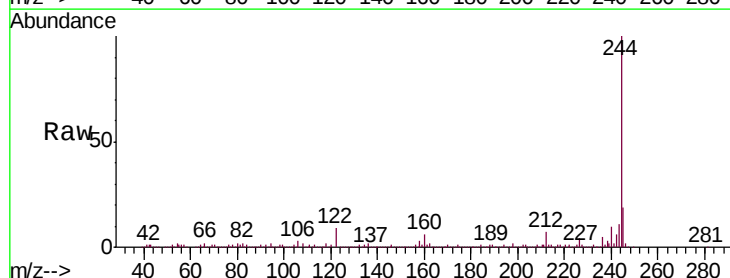
Delta R.T. 0.00 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Tgt Ion:244 Resp: 533988

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.5	11.0	16.4

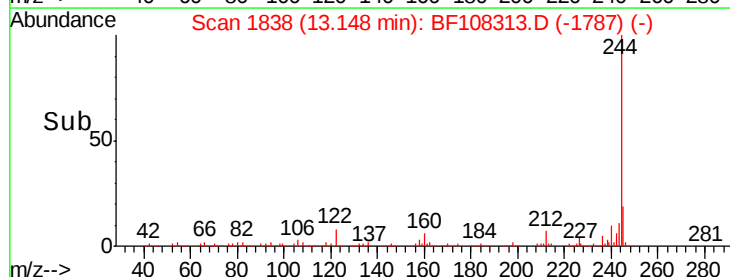
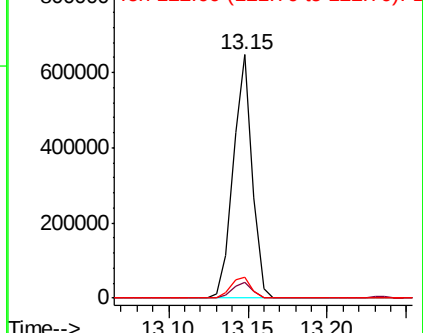


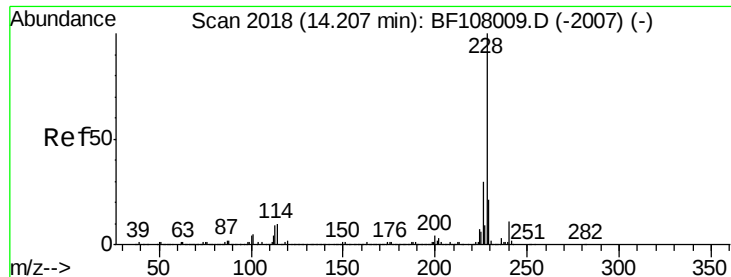
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 95.273 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

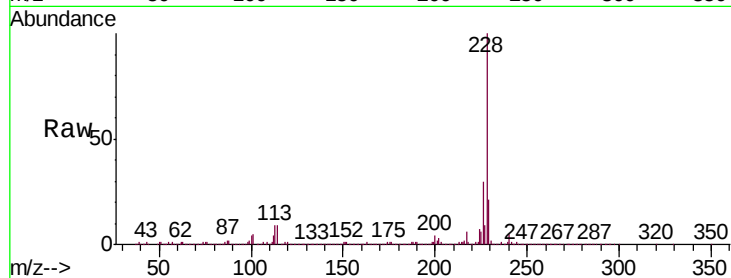
Tgt Ion:228 Resp: 1287566

Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

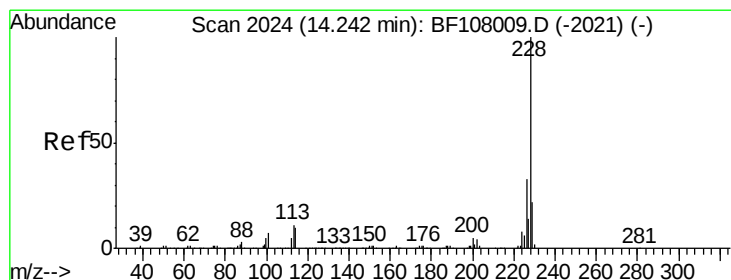
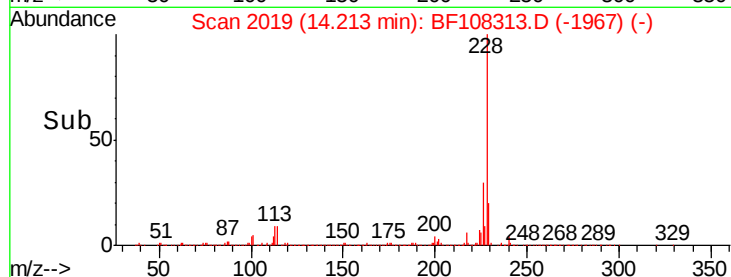
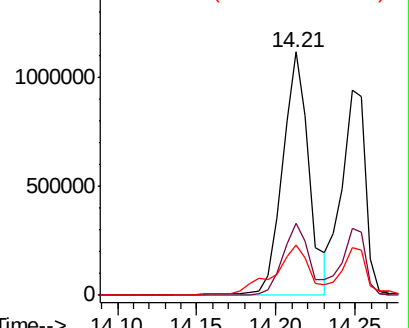
229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 80.101 ng

RT: 14.25 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

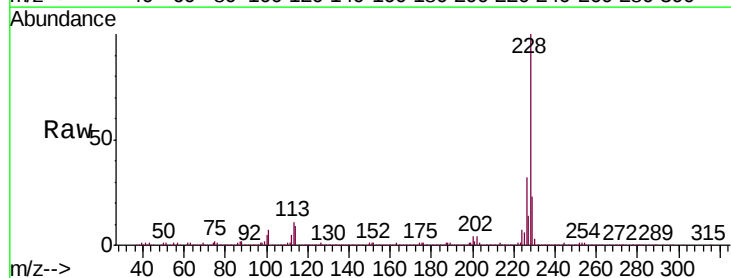
Tgt Ion:228 Resp: 992446

Ion Ratio Lower Upper

228 100

226 32.4 25.0 37.6

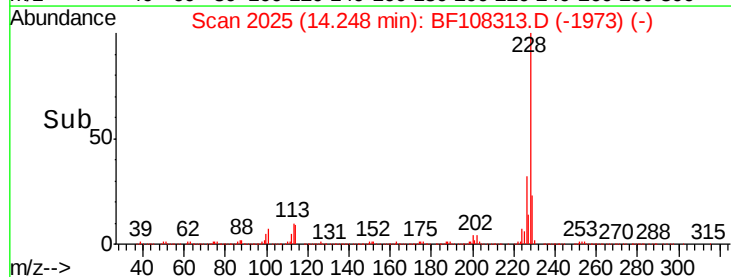
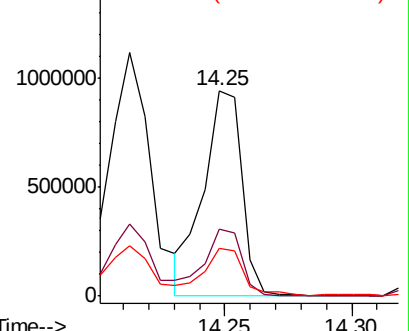
229 23.5 16.2 24.4

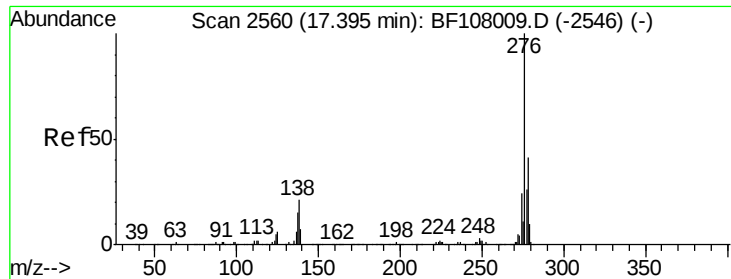


Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

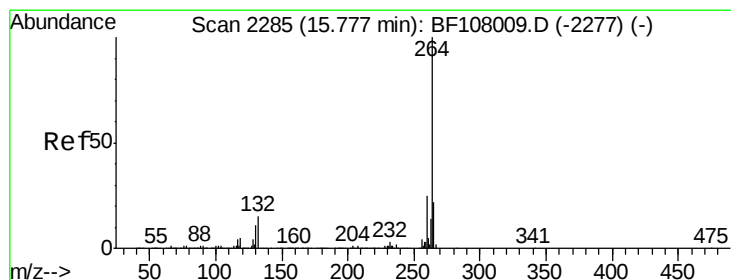
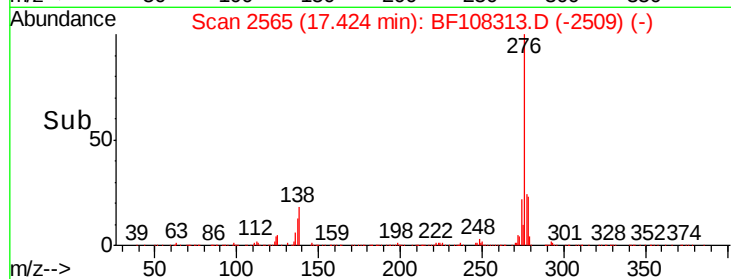
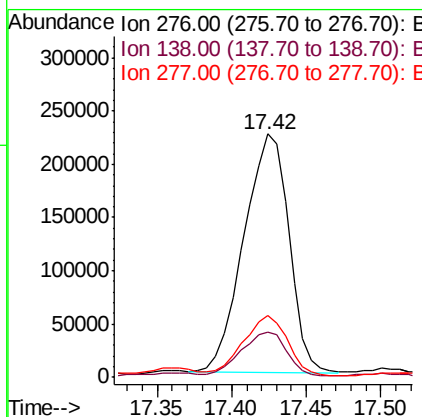
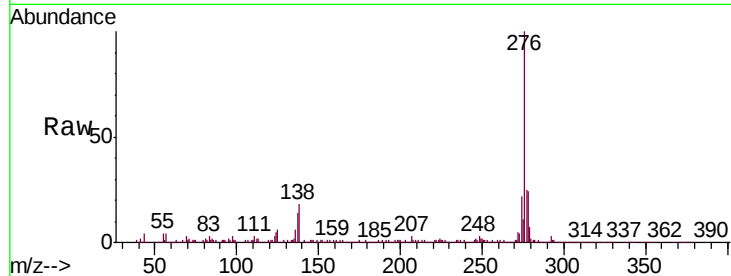




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.690 ng
 RT: 17.42 min Scan# 2565
 Delta R.T. 0.03 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

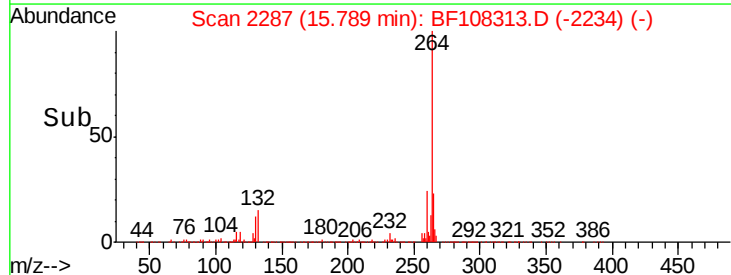
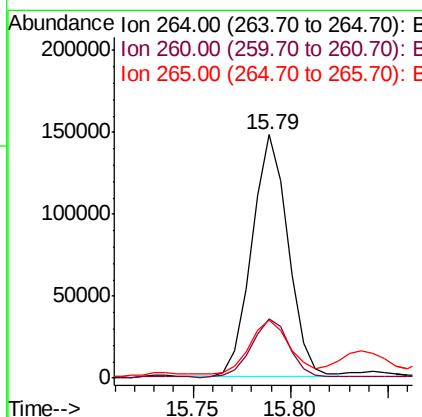
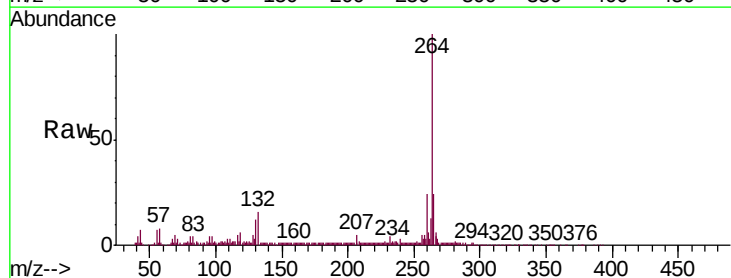
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081718

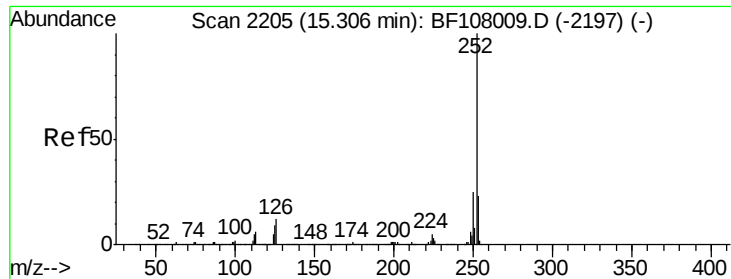
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	25.0	37.6#
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108313.D
 Acq: 21 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.8	17.5	26.3

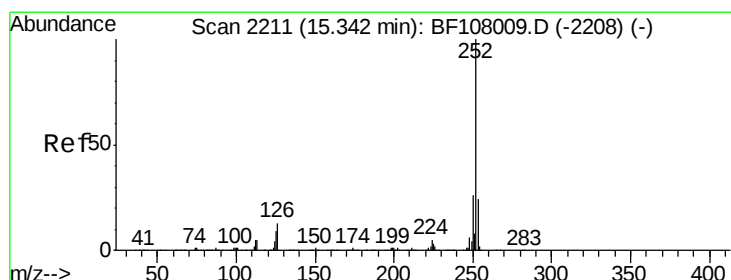
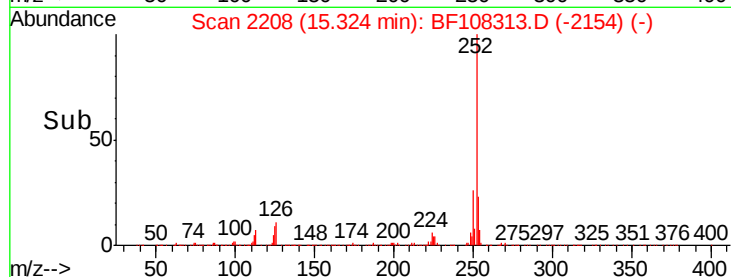
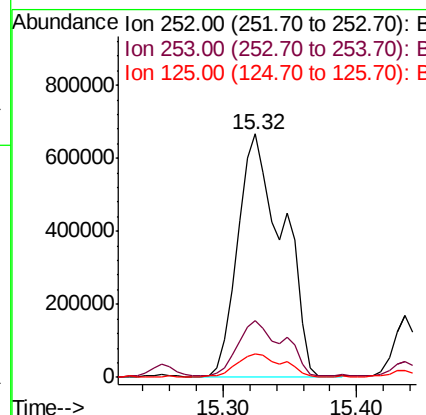
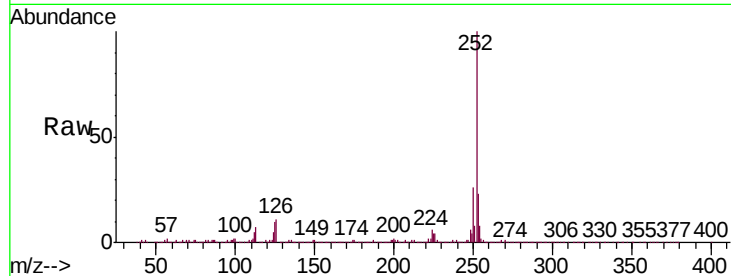




#87
Benzo(b)fluoranthene
Concen: 136.744 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

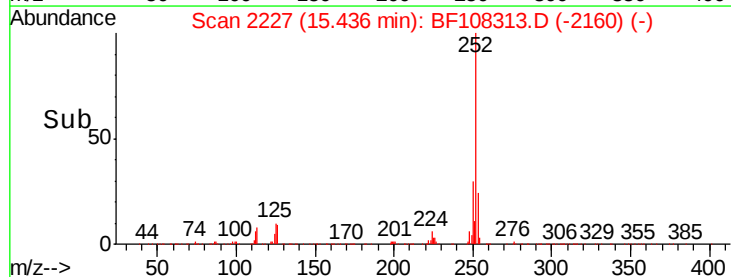
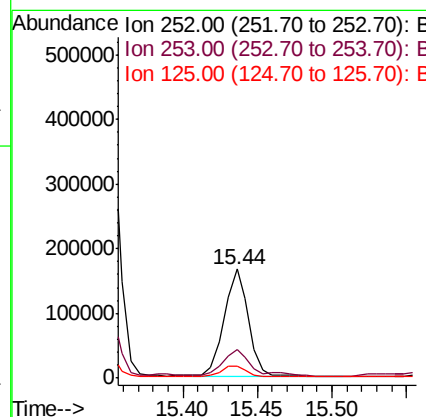
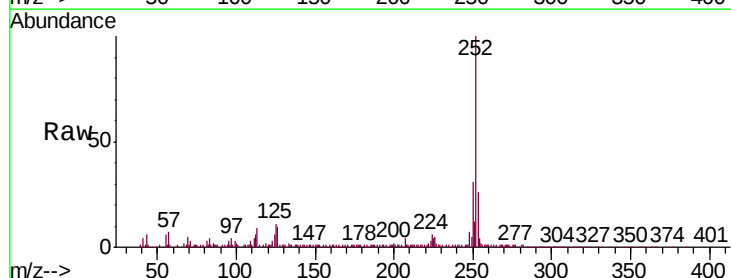
Instrument :
BNA_F
ClientSampleId :
SU-04-081718

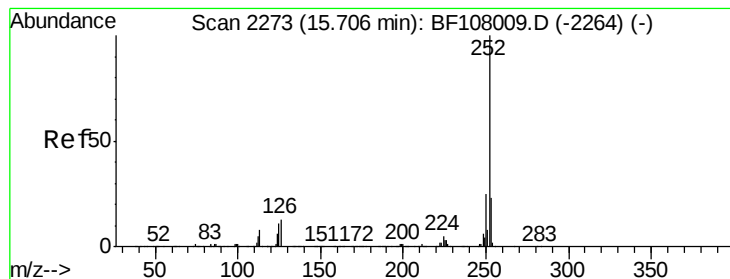
Tgt Ion:252 Resp: 1559205
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 18.489 ng
RT: 15.44 min Scan# 2227
Delta R.T. 0.09 min
Lab File: BF108313.D
Acq: 21 Aug 2018 1:43

Tgt Ion:252 Resp: 193790
Ion Ratio Lower Upper
252 100
253 26.5 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 80.005 ng

RT: 15.72 min Scan# 2276

Delta R.T. 0.02 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

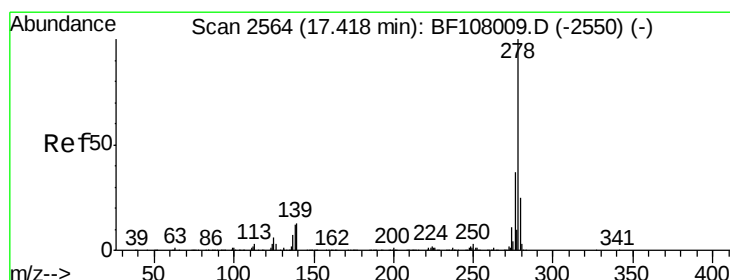
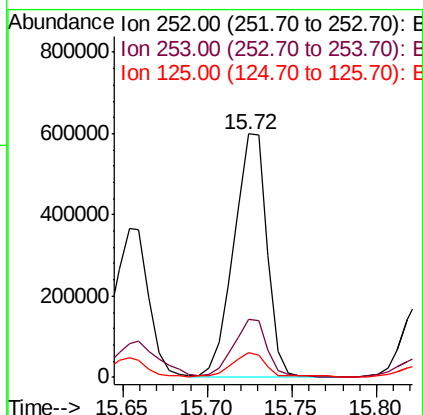
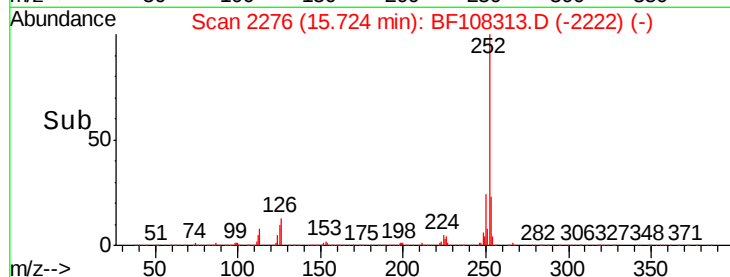
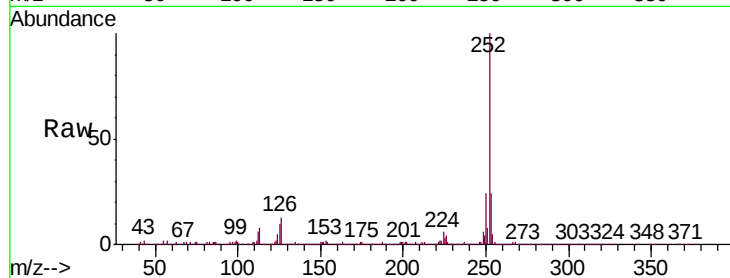
Tgt Ion:252 Resp: 816889

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 10.0 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 9.460 ng

RT: 17.21 min Scan# 2528

Delta R.T. -0.21 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

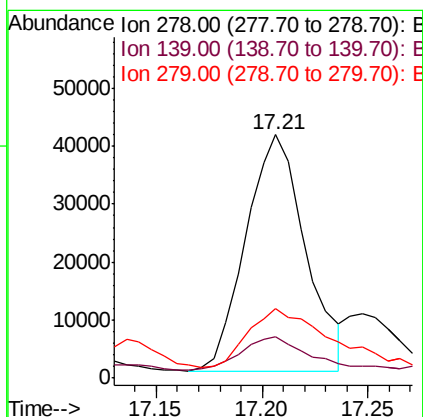
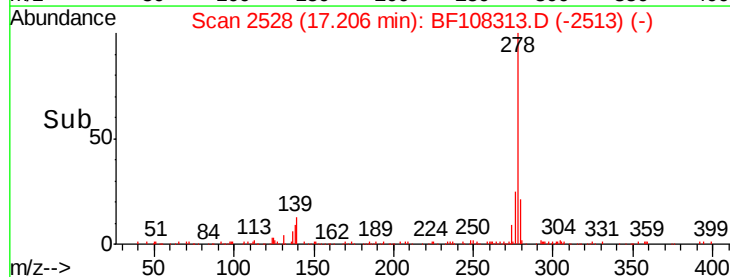
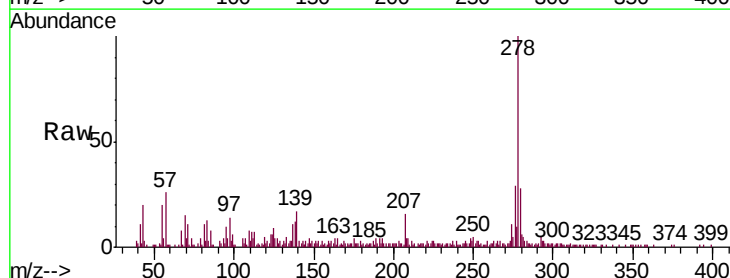
Tgt Ion:278 Resp: 79919

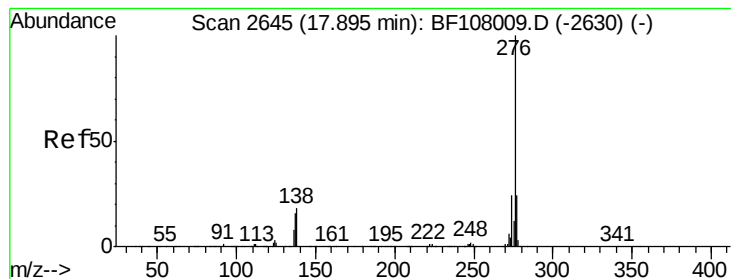
Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

279 28.3 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 52.200 ng

RT: 17.92 min Scan# 2650

Delta R.T. 0.03 min

Lab File: BF108313.D

Acq: 21 Aug 2018 1:43

Instrument :

BNA_F

ClientSampleId :

SU-04-081718

Tgt Ion: 276 Resp: 434243

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 18.6 21.8 32.8#

