

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111619.D
 Acq On : 20 Dec 2018 4:36
 Operator : JU/SJ
 Sample : J6386-11RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1218-01

Quant Time: Dec 20 07:36:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	643575	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	303664	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	557230	20.00	ng	0.00
76) Chrysene-d12	14.05	240	499996	20.00	ng	0.00
87) Perylene-d12	15.53	264	341663	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	964640	89.04	ng	0.00
7) Phenol-d6	6.52	99	1211075	87.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	719429	65.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	307828	85.79	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1246620	59.84	ng	0.00
79) Terphenyl-d14	13.00	244	1288732	48.88	ng	0.00

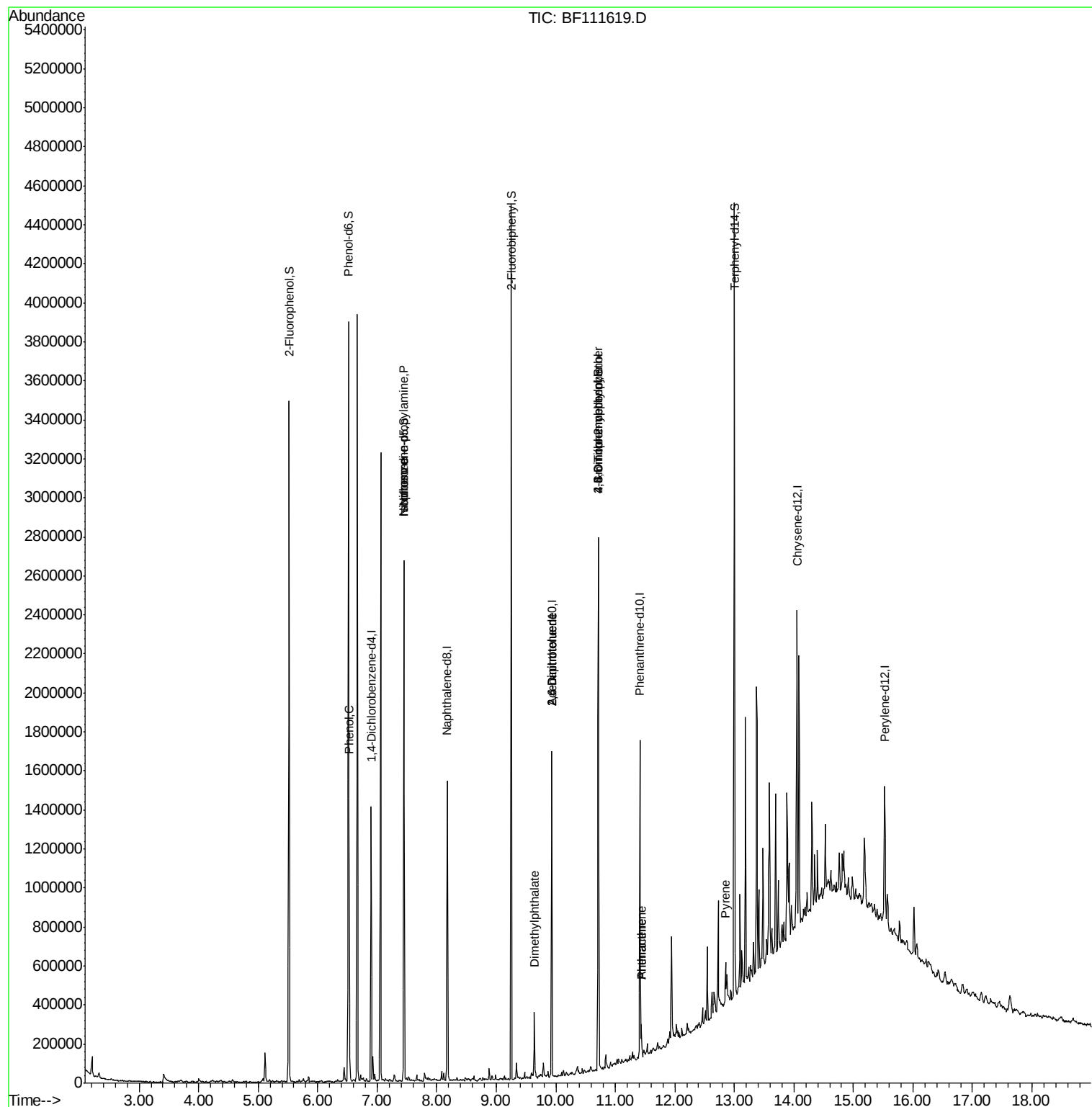
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	73665	4.735	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	97809	10.682	ng	# 78
25) Isophorone	7.45	82	719414	36.652	ng	# 64
50) Dimethylphthalate	9.64	163	109091	4.913	ng	98
51) 2,6-Dinitrotoluene	9.93	165	39308	8.877	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	39308	7.386	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.72	198	590	6.913	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	18332	2.652	ng	# 1
71) Phenanthrene	11.44	178	62990	2.131	ng	95
72) Anthracene	11.44	178	62990	2.124	ng	96
78) Pyrene	12.85	202	85311	2.416	ng	96

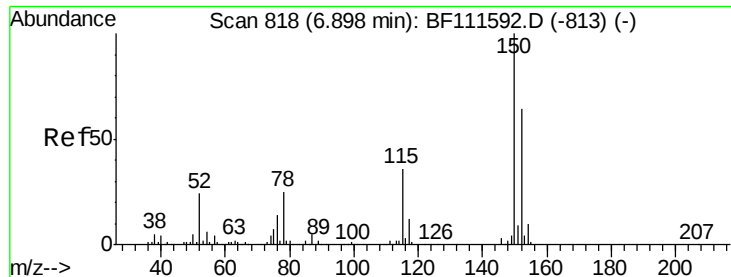
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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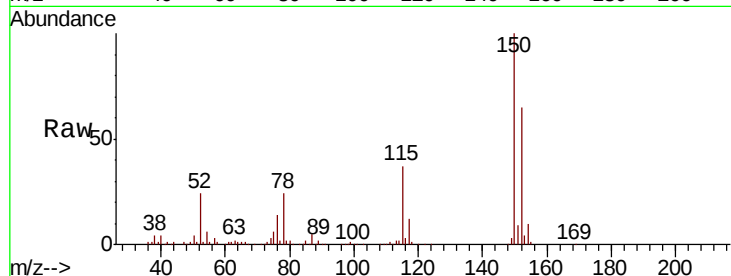


#1

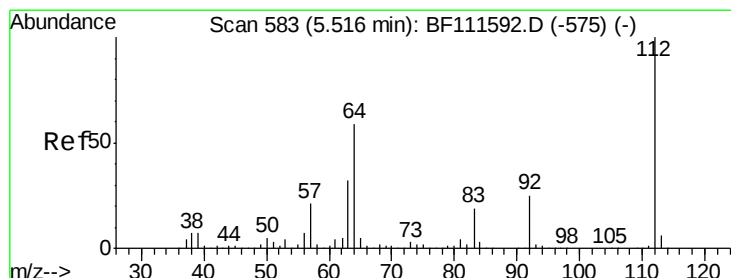
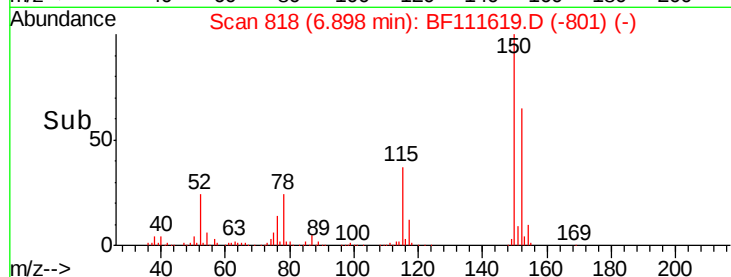
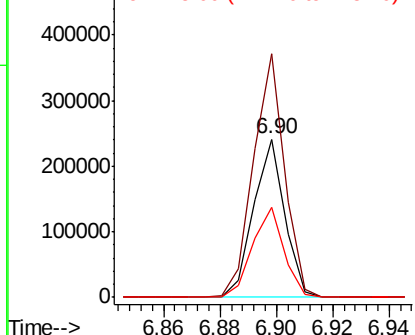
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Tgt Ion:152 Resp: 184661
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 57.0 50.7 76.1



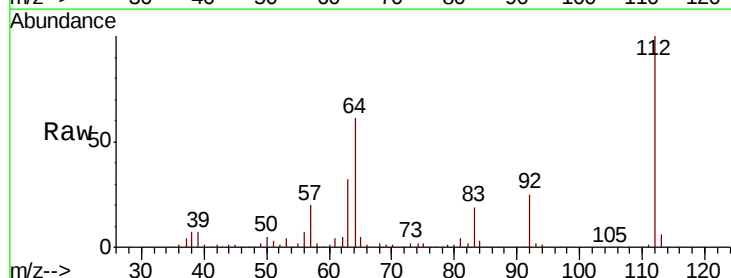
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



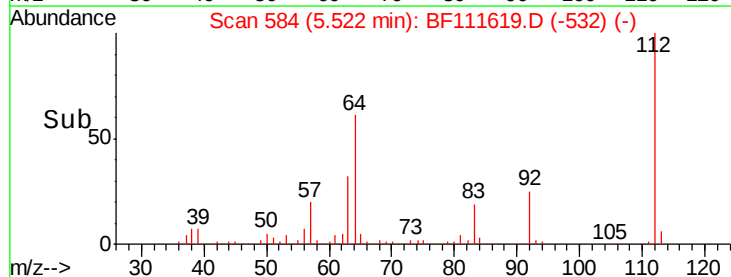
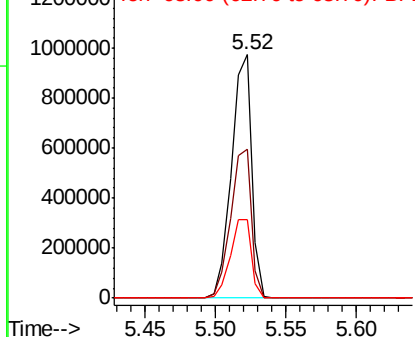
#5

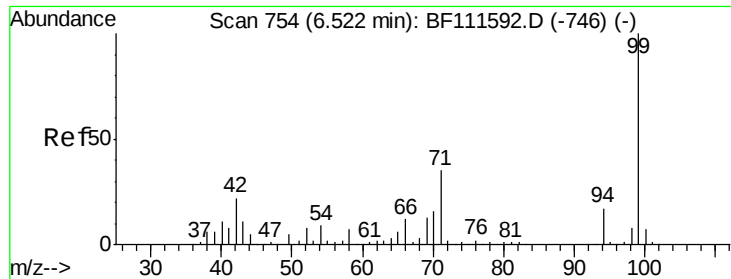
2-Fluorophenol
Concen: 89.042 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion:112 Resp: 964640
Ion Ratio Lower Upper
112 100
64 61.0 51.8 77.6
63 32.4 26.8 40.2



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: 87.840 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

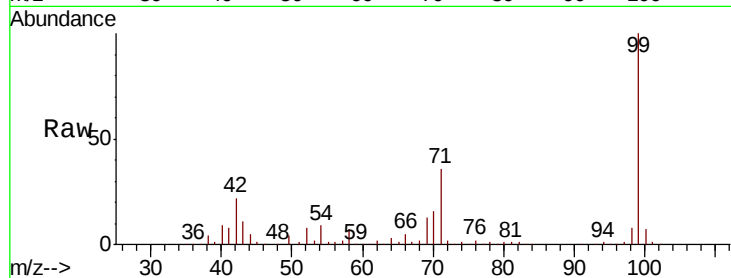
Tgt Ion: 99 Resp: 1211075

Ion Ratio Lower Upper

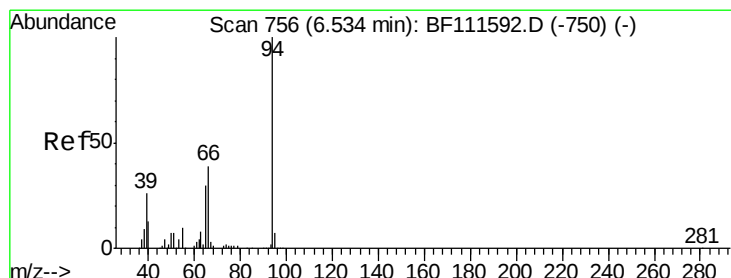
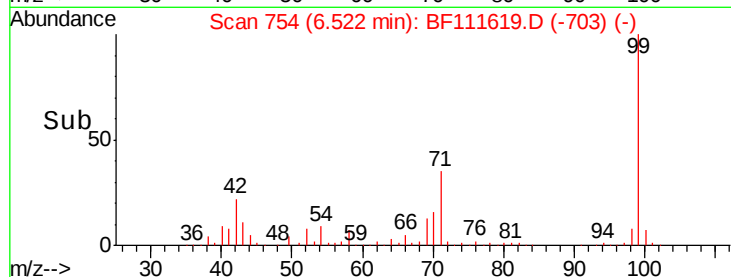
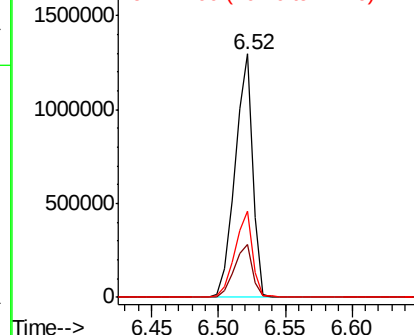
99 100

42 22.0 17.4 26.0

71 35.5 26.1 39.1



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: 4.735 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

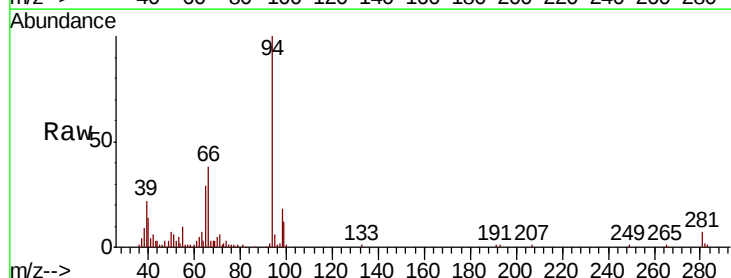
Tgt Ion: 94 Resp: 73665

Ion Ratio Lower Upper

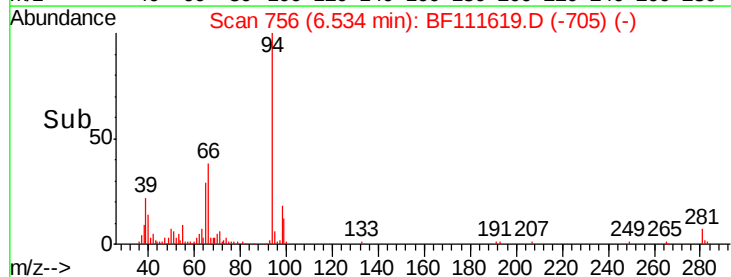
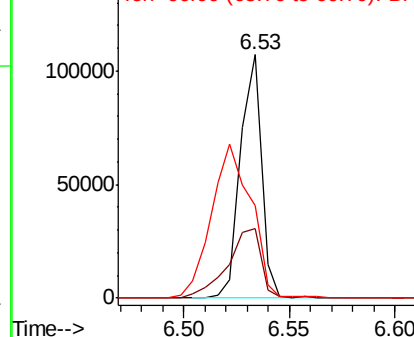
94 100

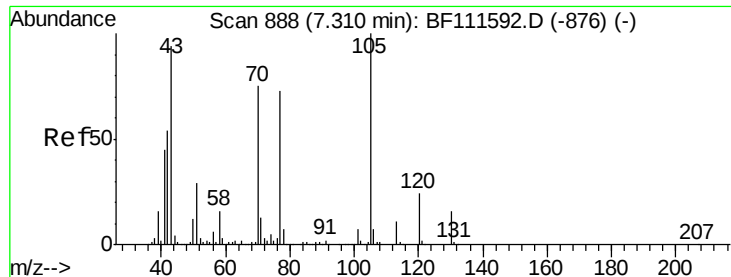
65 28.8 11.7 51.7

66 38.0 21.0 61.0



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

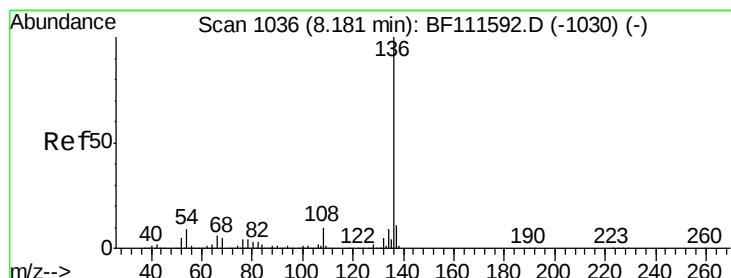
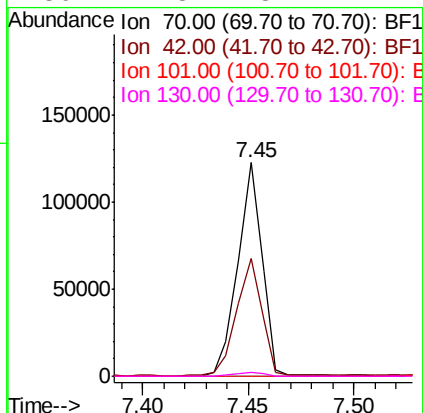
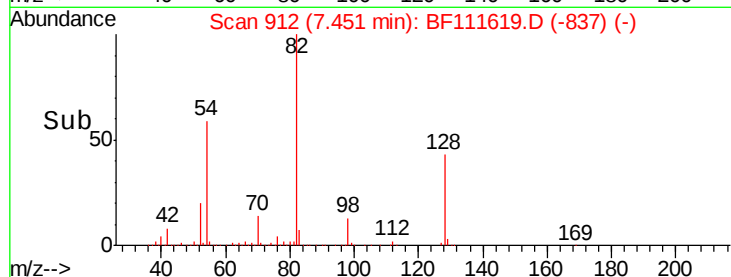
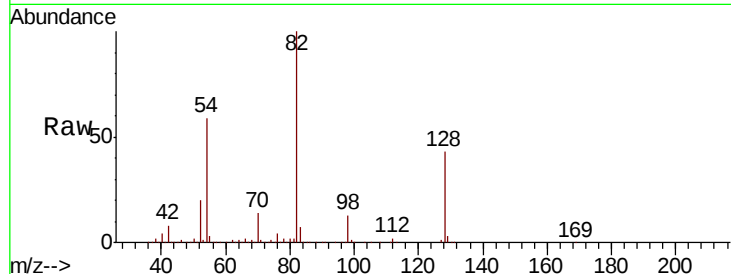




#19
n-Nitroso-di-n-propylamine
Concen: 10.682 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

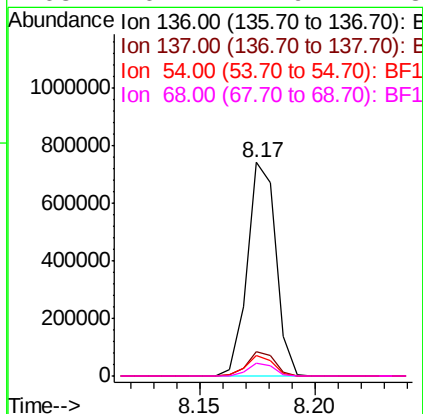
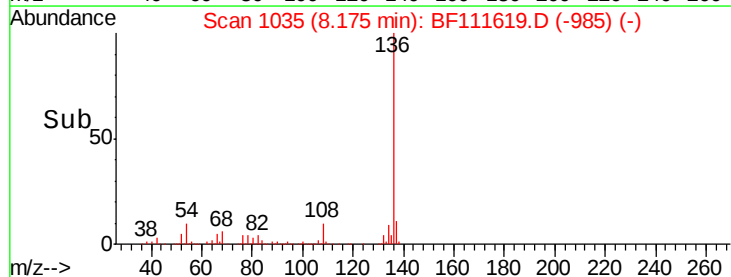
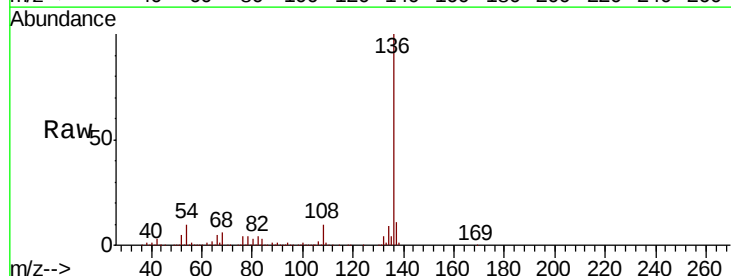
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P001-SS006-1218-01

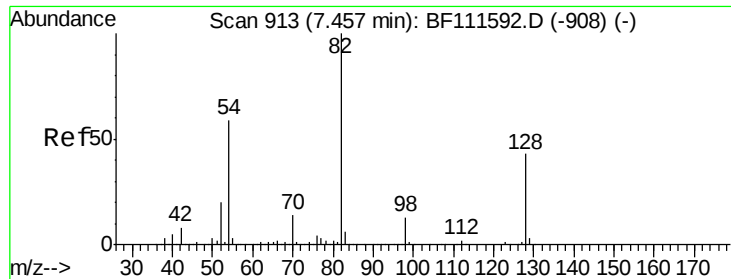
Tgt Ion: 70 Resp: 97809
Ion Ratio Lower Upper
70 100
42 55.3 53.2 79.8
101 0.0 8.2 12.4#
130 1.8 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion: 136 Resp: 643575
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.8 7.7 11.5
68 6.1 4.9 7.3

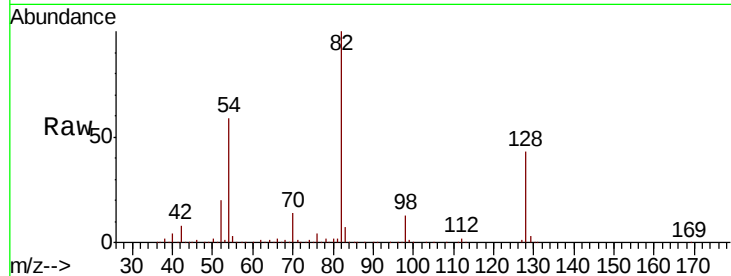




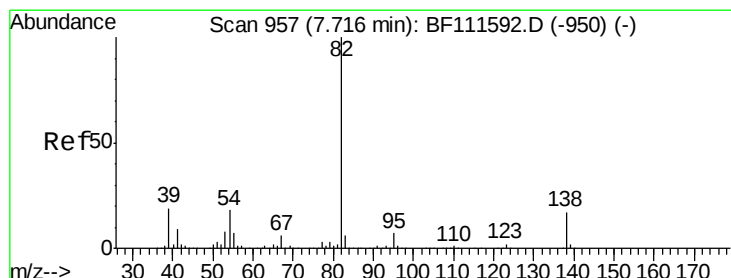
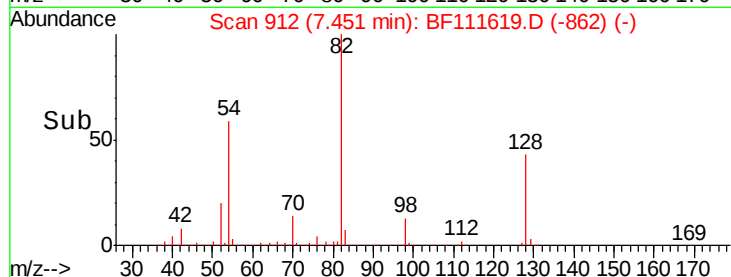
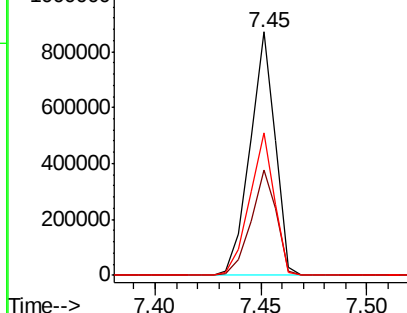
#23
Nitrobenzene-d5
Concen: 65.068 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Tgt Ion: 82 Resp: 719429
Ion Ratio Lower Upper
82 100
128 43.3 37.4 56.2
54 58.5 47.6 71.4

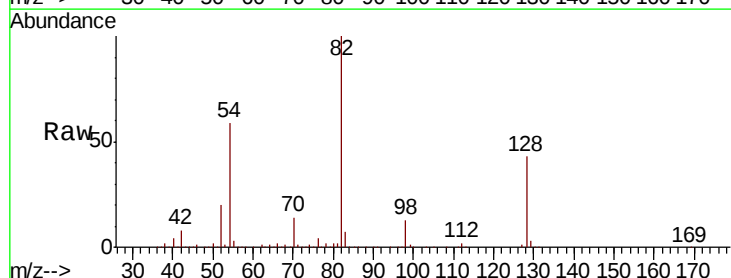


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

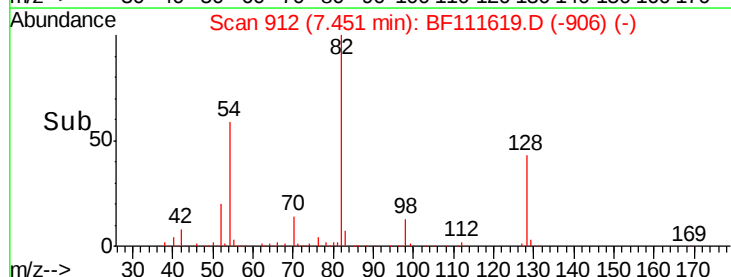
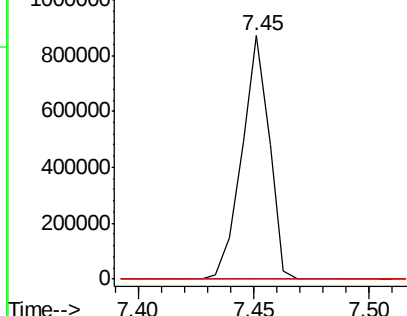


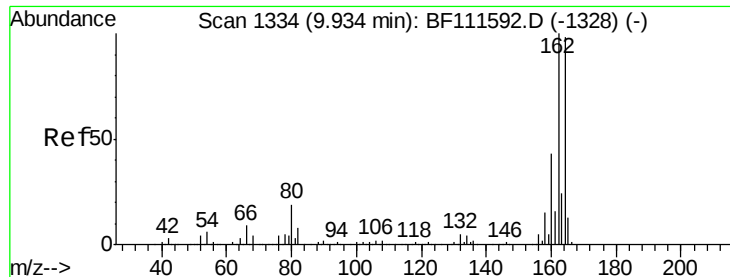
#25
Isophorone
Concen: 36.652 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion: 82 Resp: 719414
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

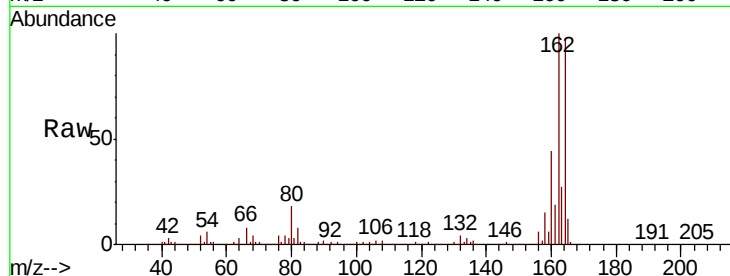
Tgt Ion:164 Resp: 303664

Ion Ratio Lower Upper

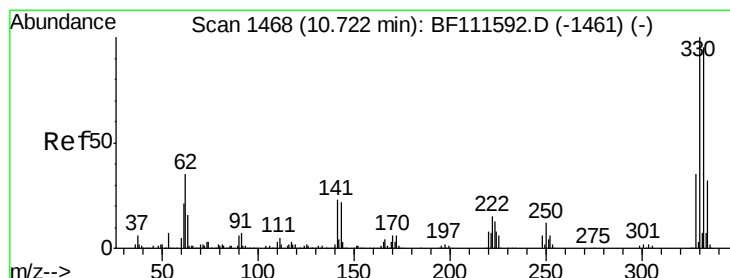
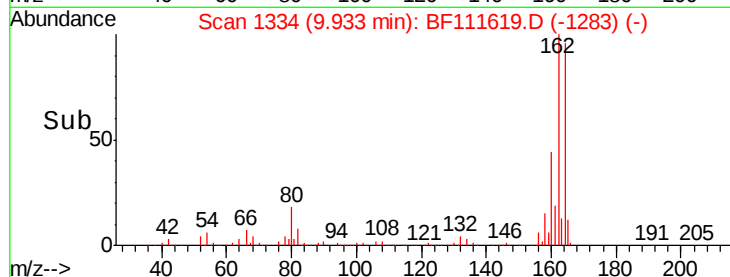
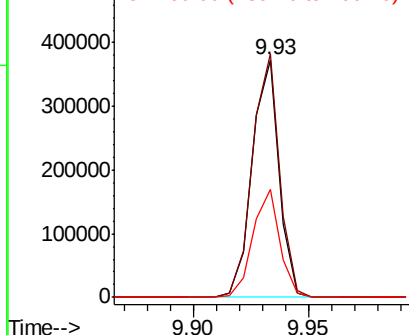
164 100

162 102.6 81.4 122.0

160 45.3 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 85.793 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

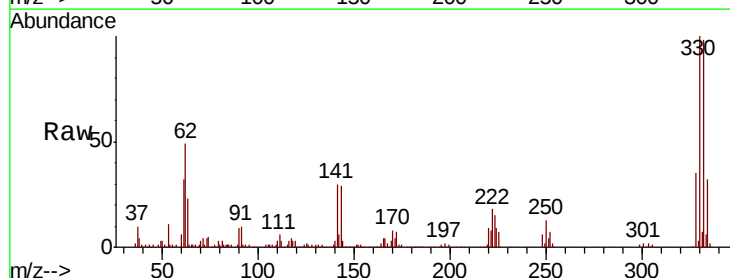
Tgt Ion:330 Resp: 307828

Ion Ratio Lower Upper

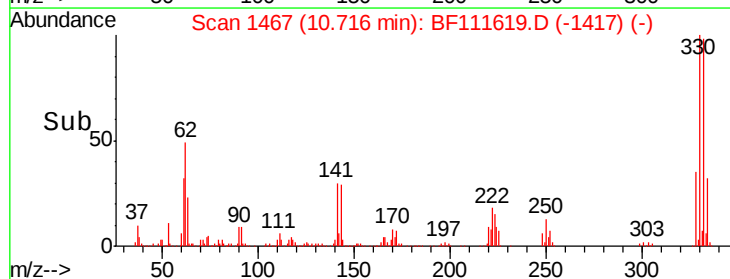
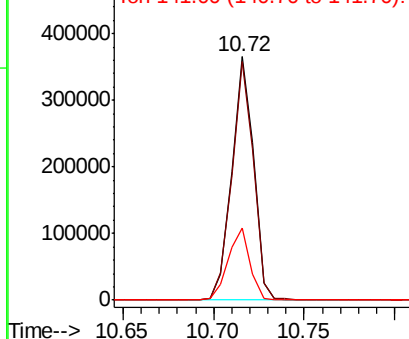
330 100

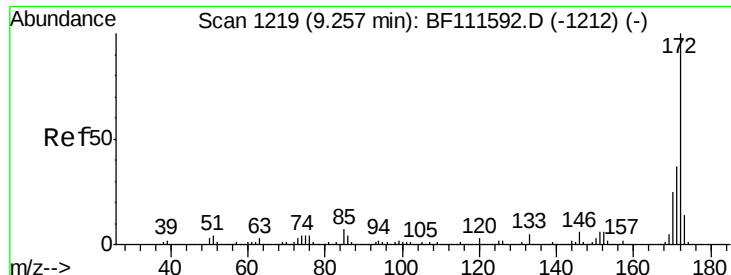
332 97.5 76.0 114.0

141 30.1 31.0 46.6#



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

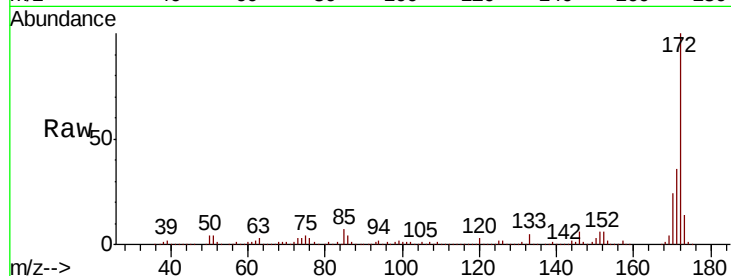




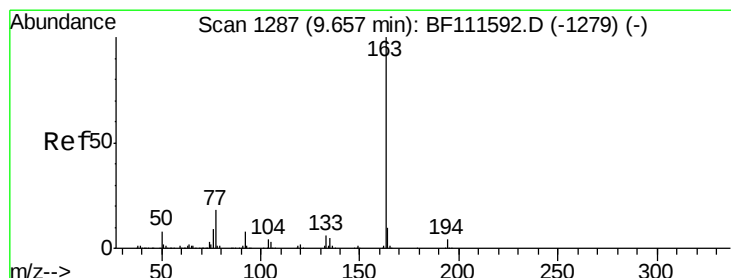
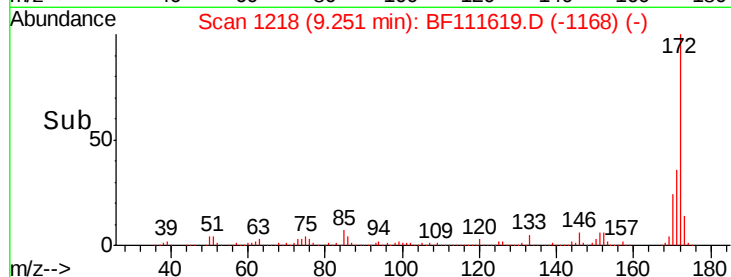
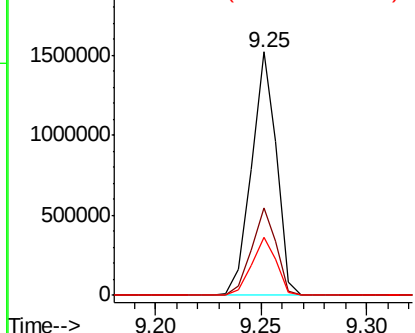
#45
2-Fluorobiphenyl
Concen: 59.837 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
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P001-SS006-1218-01

Tgt Ion:172 Resp: 1246620
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 23.9 22.3 33.5

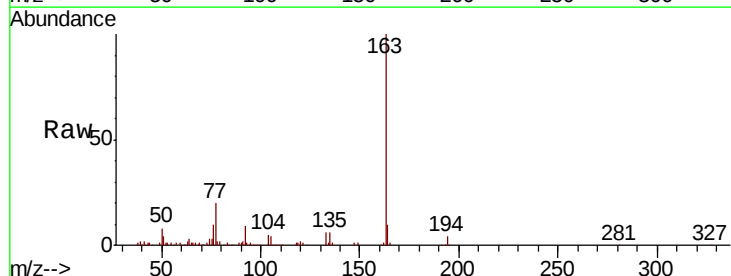


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

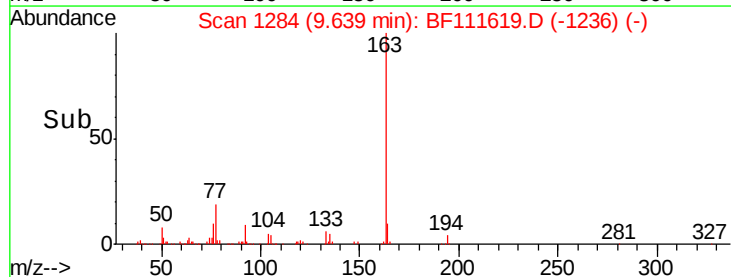
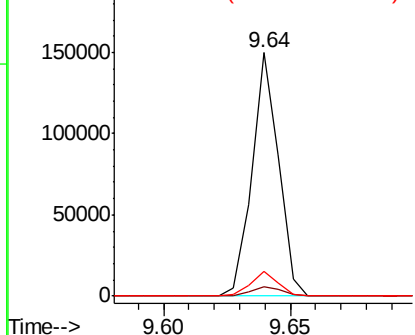


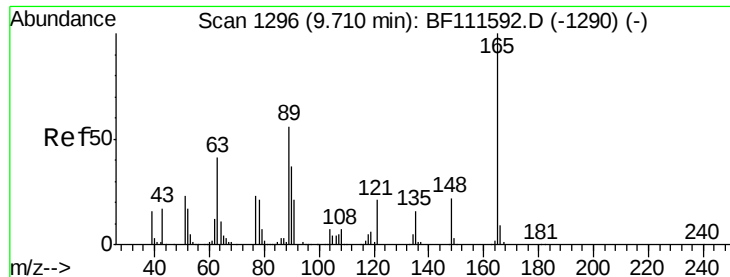
#50
Dimethylphthalate
Concen: 4.913 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion:163 Resp: 109091
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.9 13.3



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

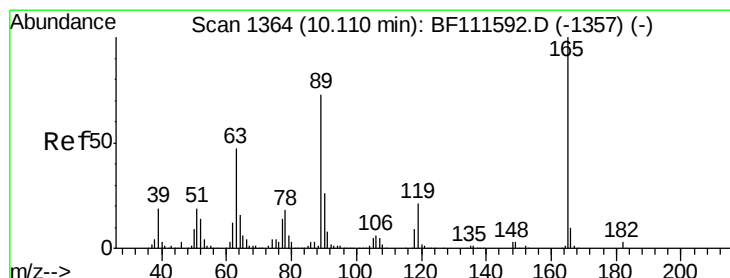
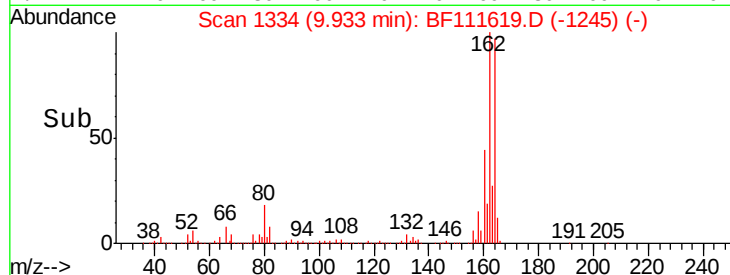
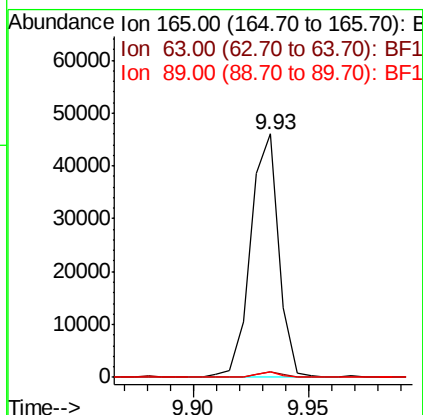
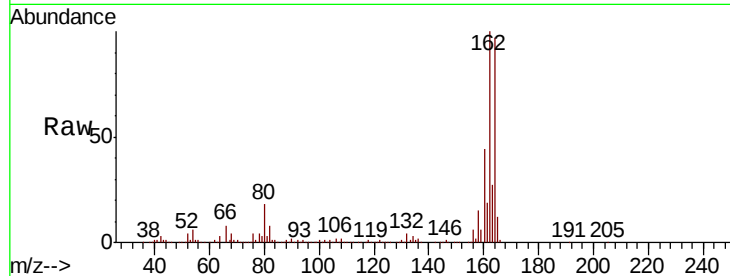




#51
 2,6-Dinitrotoluene
 Concen: 8.877 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF111619.D
 Acq: 20 Dec 2018 4:36

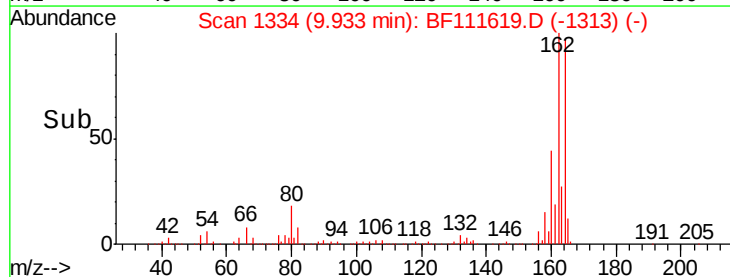
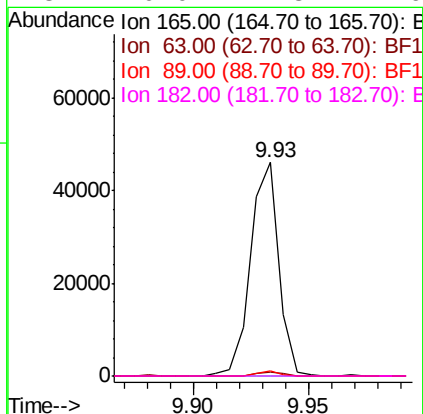
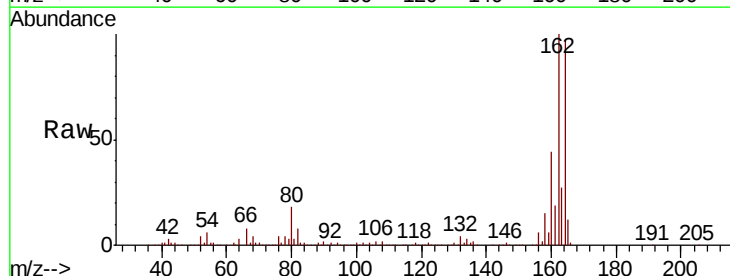
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1218-01

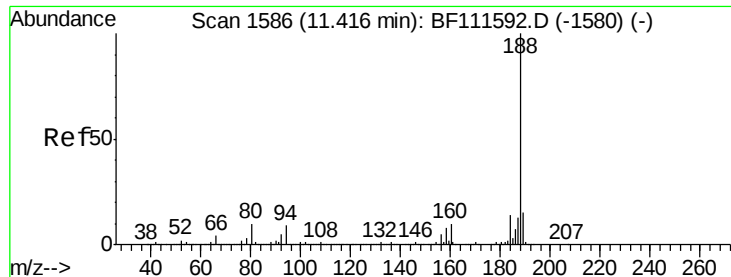
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.5	60.7#
89	2.2	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 7.386 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111619.D
 Acq: 20 Dec 2018 4:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	2.2	56.2	84.4#
182	0.0	1.8	2.6#

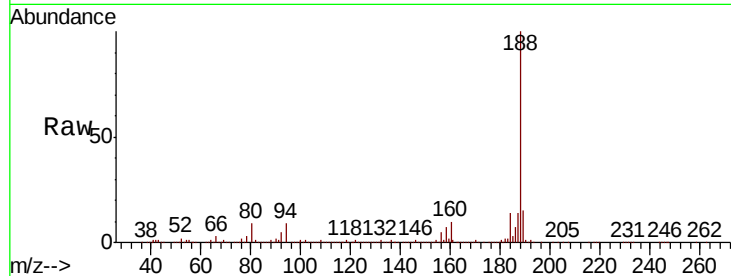




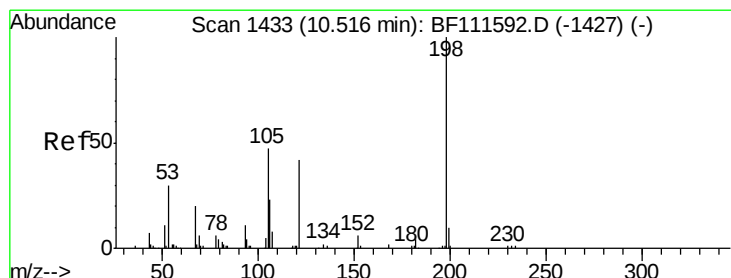
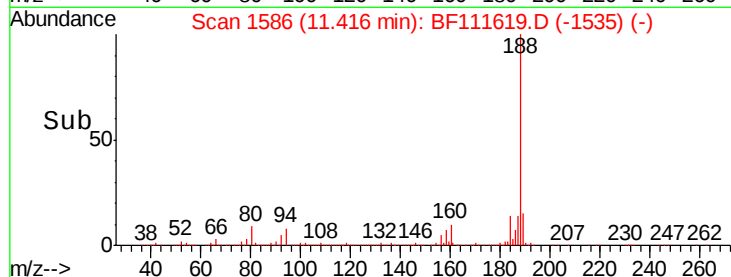
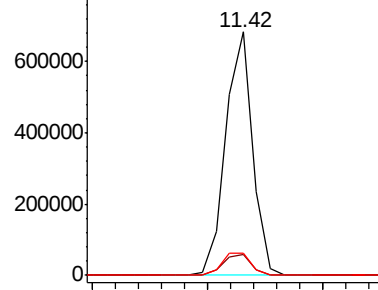
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Tgt Ion:188 Resp: 557230
Ion Ratio Lower Upper
188 100
94 8.5 9.6 14.4#
80 8.9 9.8 14.6#

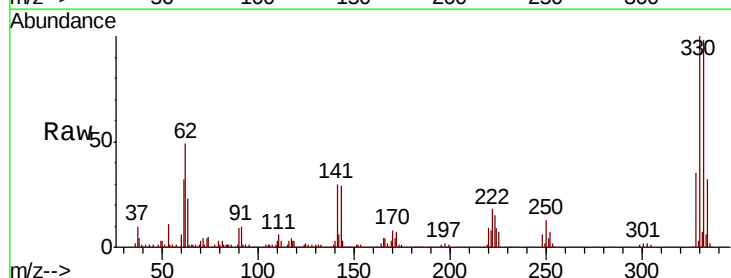


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

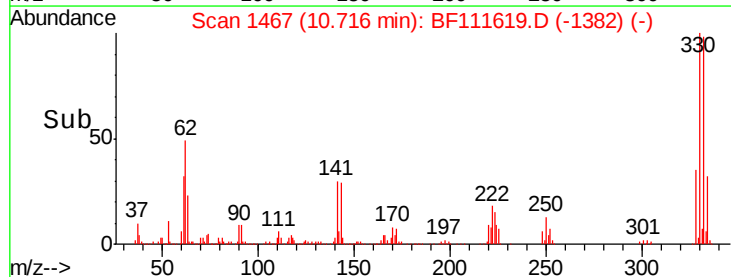
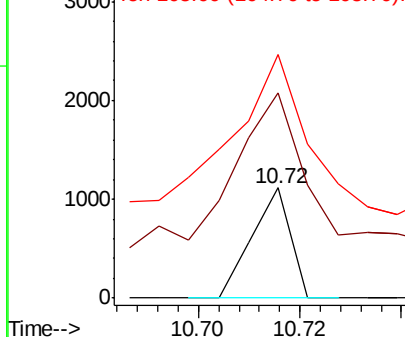


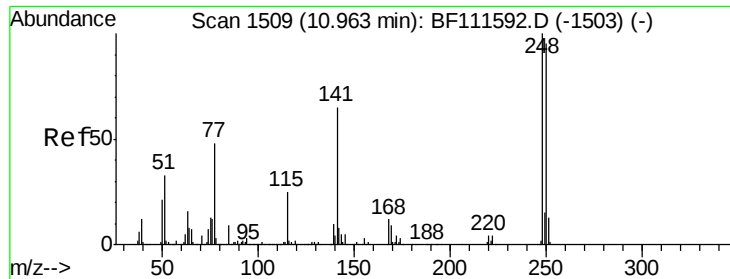
#65
4,6-Dinitro-2-methylphenol
Concen: 6.913 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion:198 Resp: 590
Ion Ratio Lower Upper
198 100
51 186.4 48.0 88.0#
105 221.5 34.0 74.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

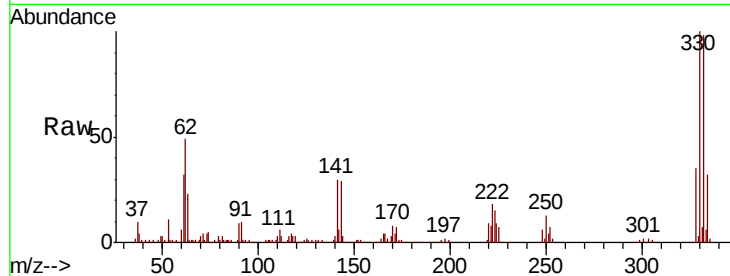




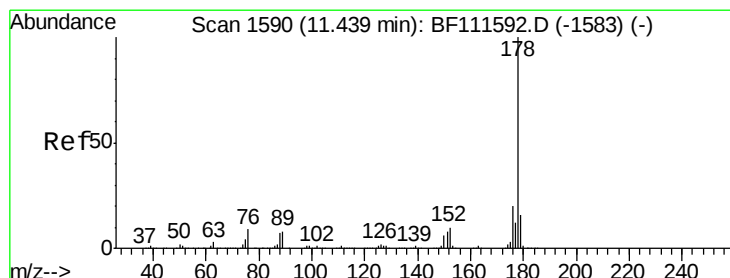
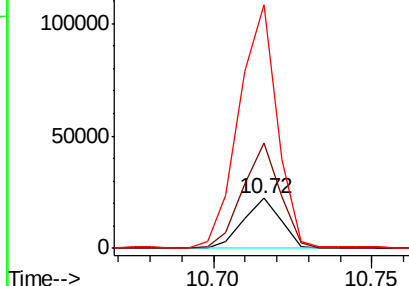
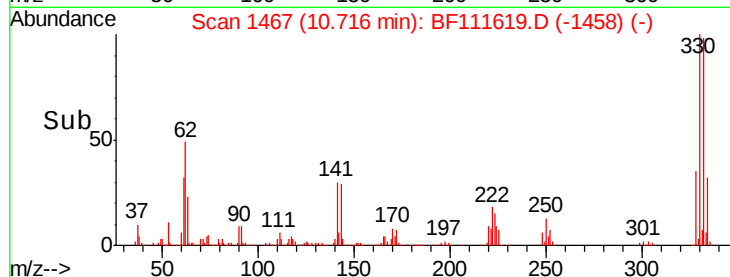
#67
4-Bromophenyl-phenylether
Concen: 2.652 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Tgt Ion:248 Resp: 18332
Ion Ratio Lower Upper
248 100
250 210.6 77.0 115.4#
141 488.1 63.0 94.6#

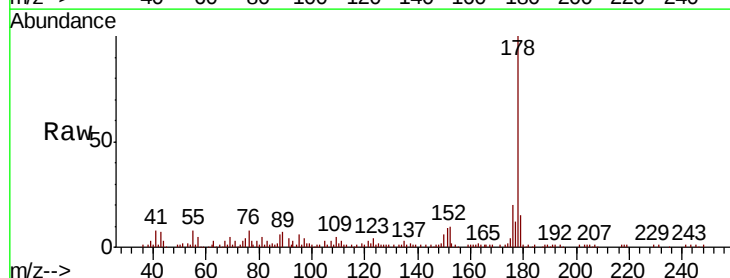


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

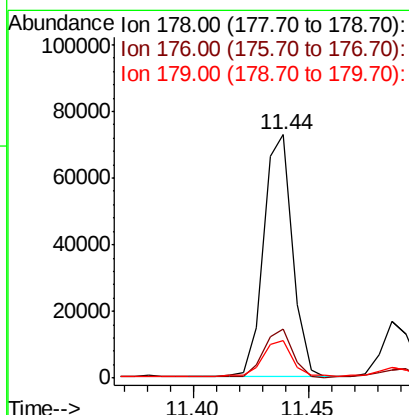
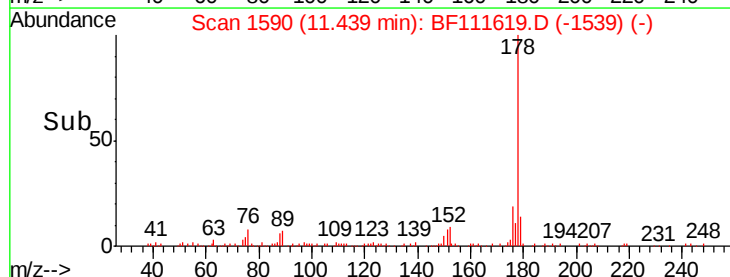


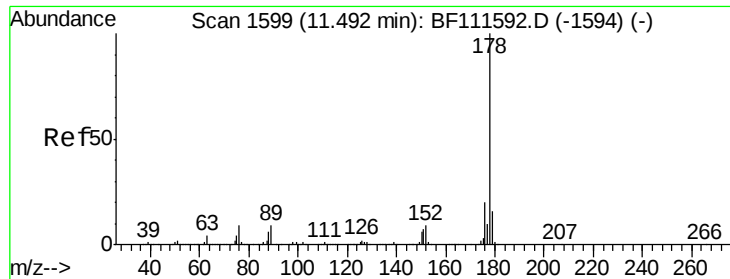
#71
Phenanthrene
Concen: 2.131 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt Ion:178 Resp: 62990
Ion Ratio Lower Upper
178 100
176 19.9 18.1 27.1
179 15.3 14.0 21.0



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: 2.124 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.05 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

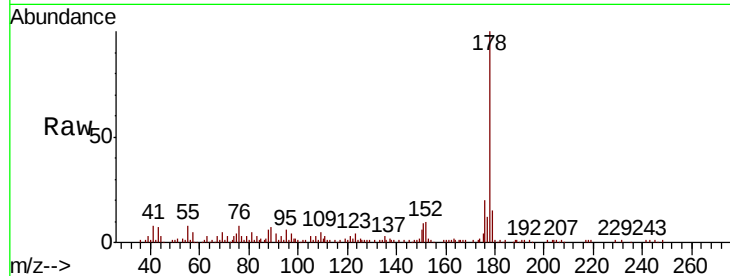
Tgt Ion:178 Resp: 62990

Ion Ratio Lower Upper

178 100

176 19.9 17.2 25.8

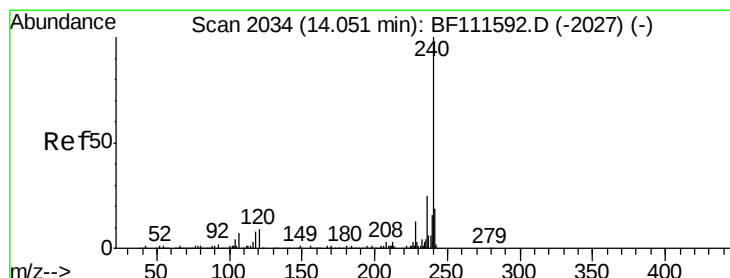
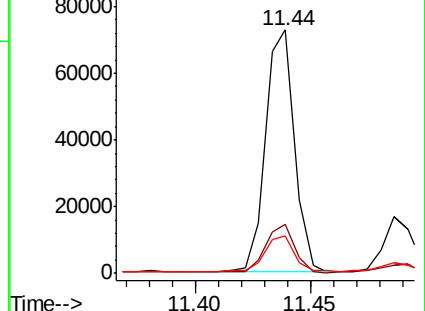
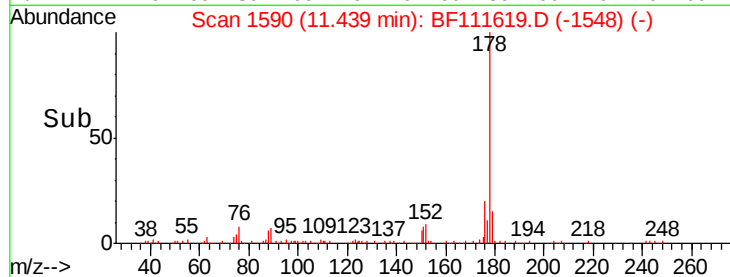
179 15.3 13.8 20.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

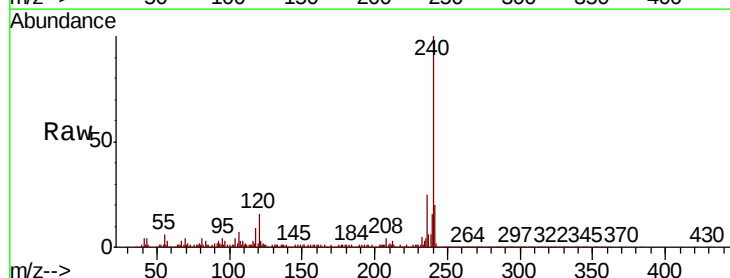
Tgt Ion:240 Resp: 499996

Ion Ratio Lower Upper

240 100

120 15.9 12.2 18.2

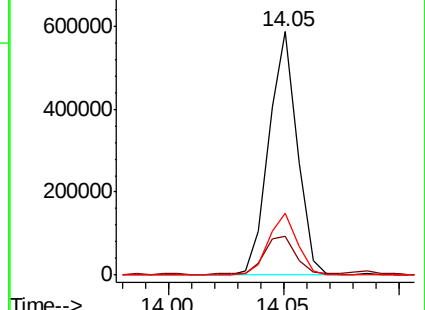
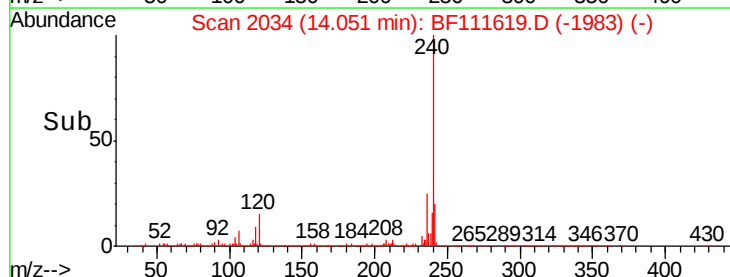
236 25.5 20.2 30.2

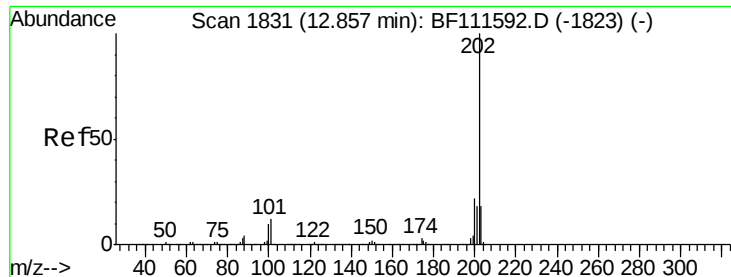


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.416 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

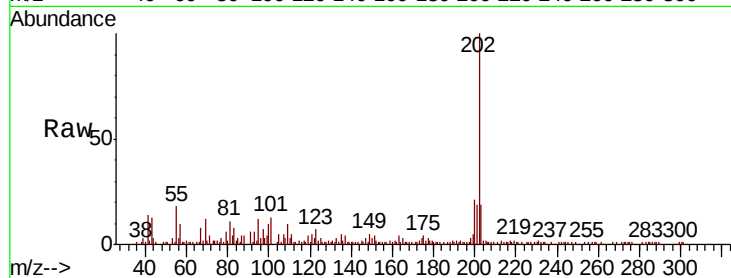
Tgt Ion:202 Resp: 85311

Ion Ratio Lower Upper

202 100

200 20.5 19.0 28.4

203 19.2 15.2 22.8

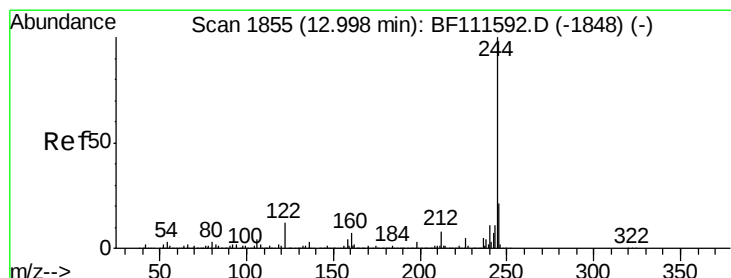
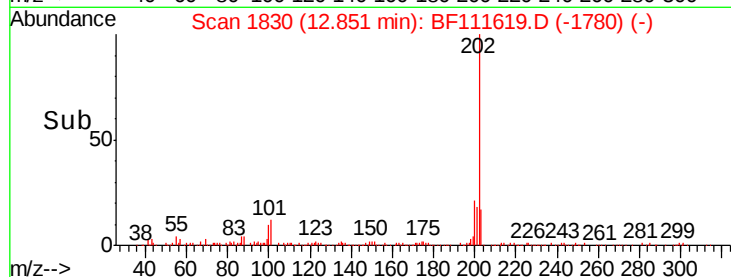
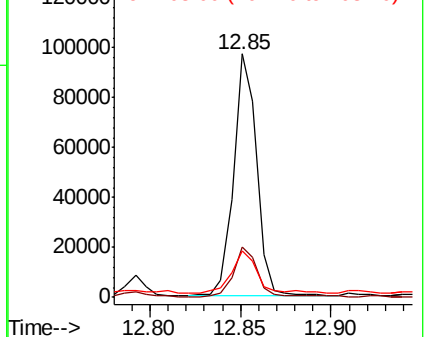


Abundance

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: 48.880 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111619.D

Acq: 20 Dec 2018 4:36

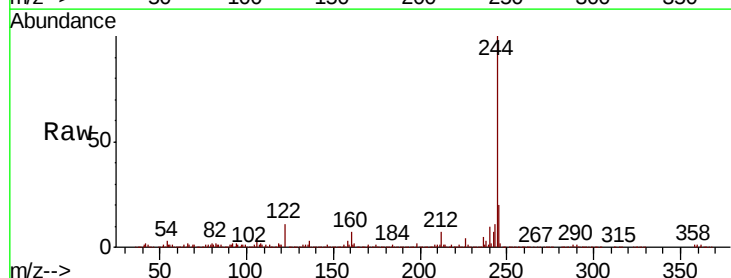
Tgt Ion:244 Resp: 1288732

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.9 13.1 19.7#

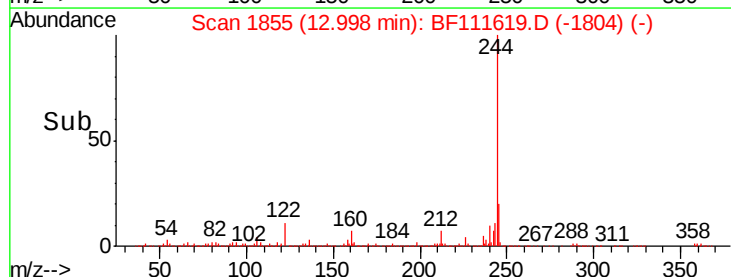
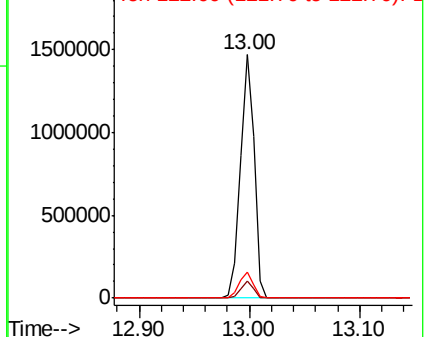


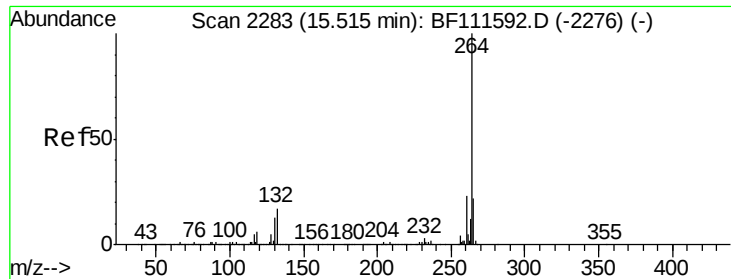
Abundance

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	20.7	17.7	26.5

