

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

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

Quant Time: Dec 20 08:01:29 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

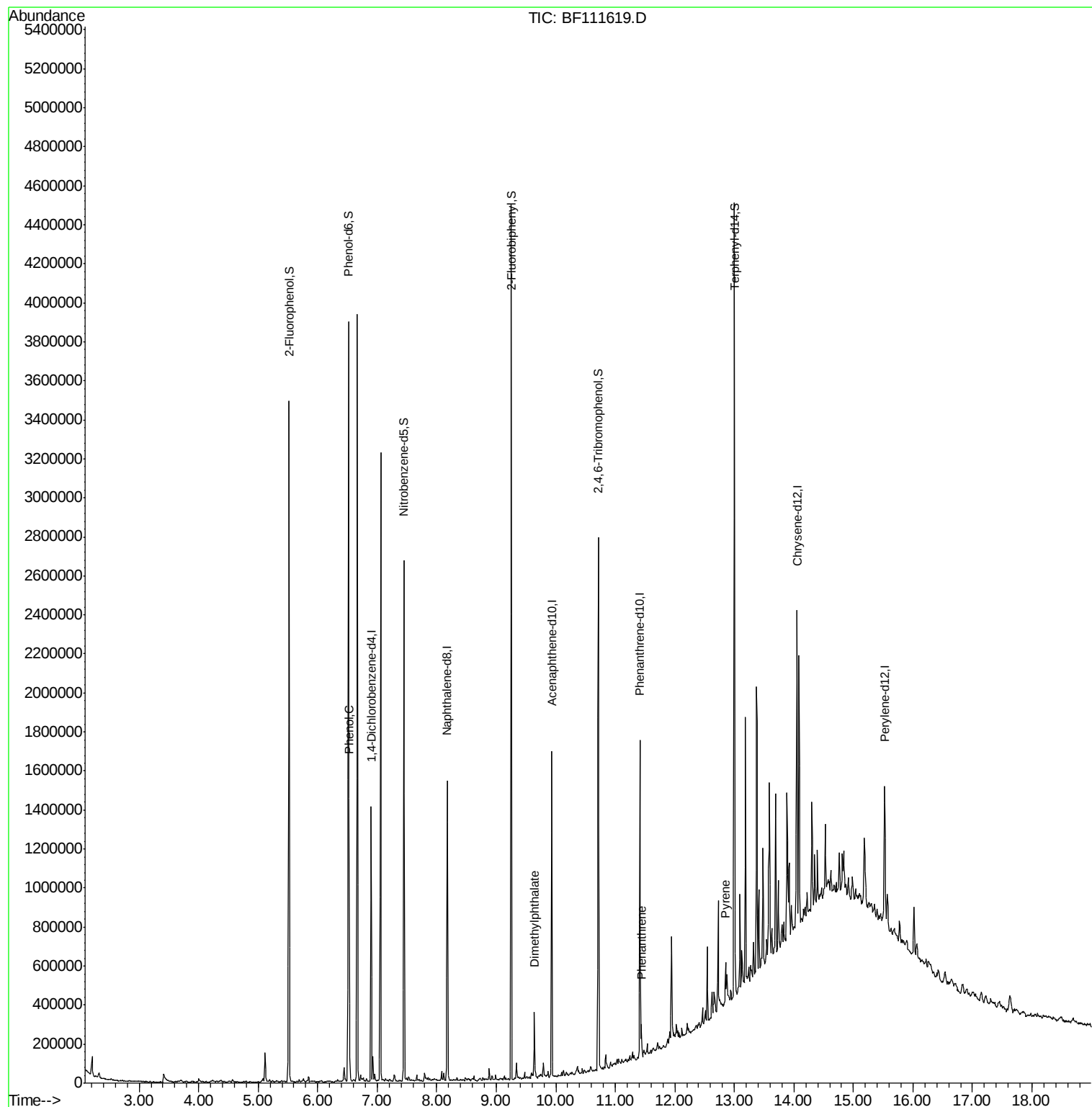
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	643575	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	303664	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	557230	20.00	ng	0.00
76) Chrysene-d12	14.05	240	499996	20.00	ng	0.00
87) Perylene-d12	15.53	264	341663	20.00	ng	0.01
System Monitoring Compounds						
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						
10) Phenol	6.53	94	73665	4.735	ng	95
50) Dimethylphthalate	9.64	163	109091	4.913	ng	98
71) Phenanthrene	11.44	178	62990	2.131	ng	95
78) Pyrene	12.85	202	85311	2.416	ng	96

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

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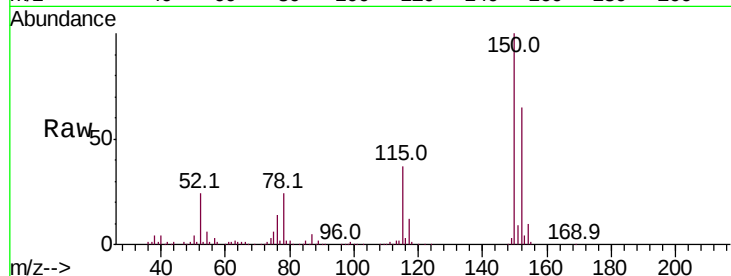


#1

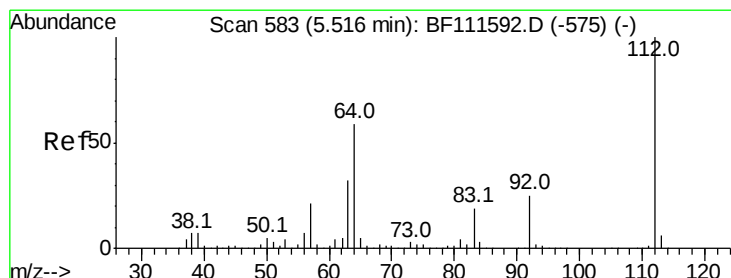
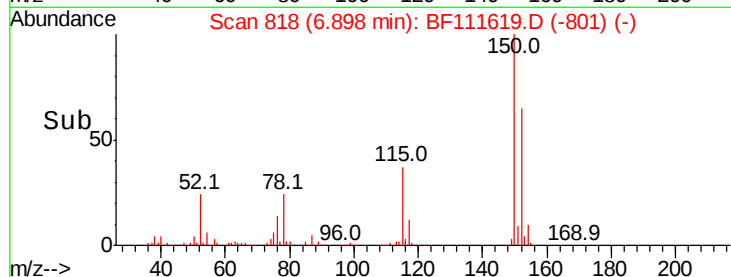
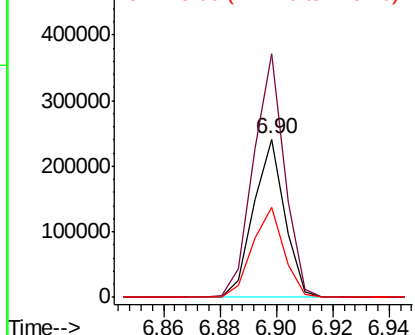
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

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

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



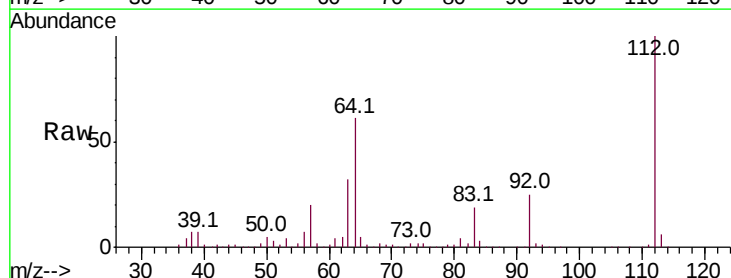
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



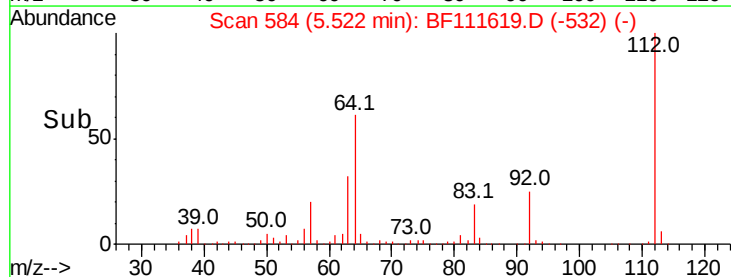
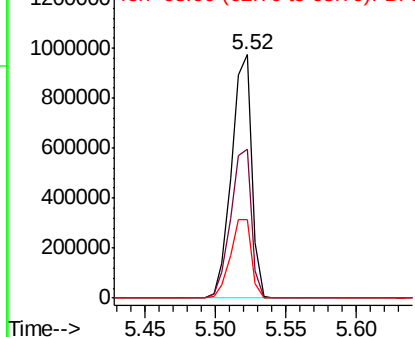
#5

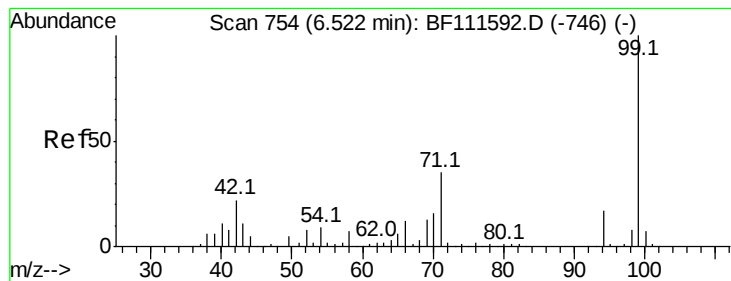
2-Fluorophenol
Concen: 89.042 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

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

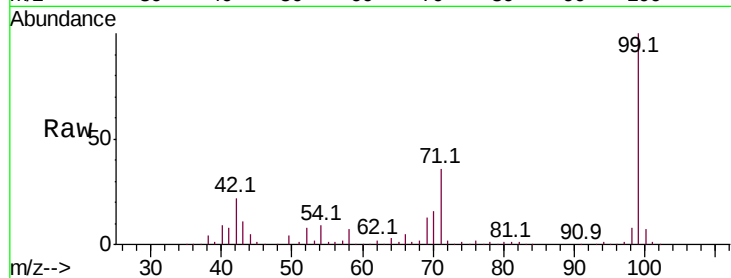
Tot Ion: 99 Resp: 1211075

Ion Ratio Lower Upper

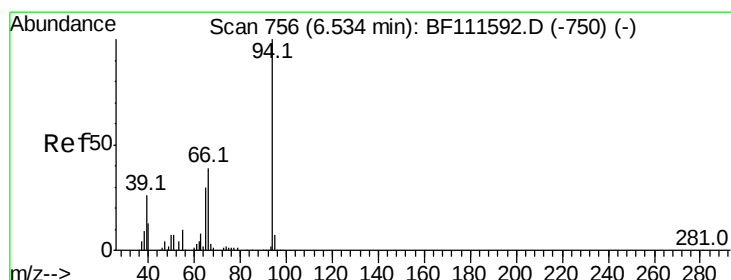
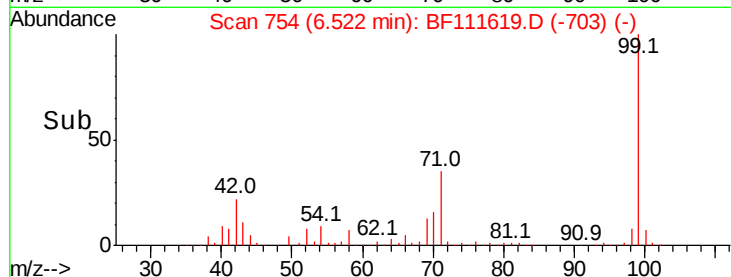
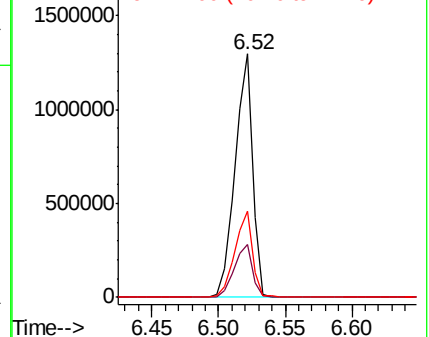
99 100

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

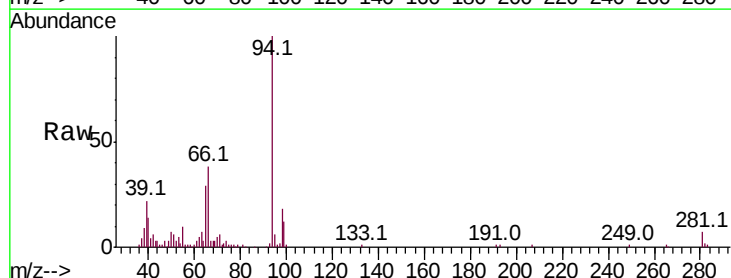
Tgt Ion: 94 Resp: 73665

Ion Ratio Lower Upper

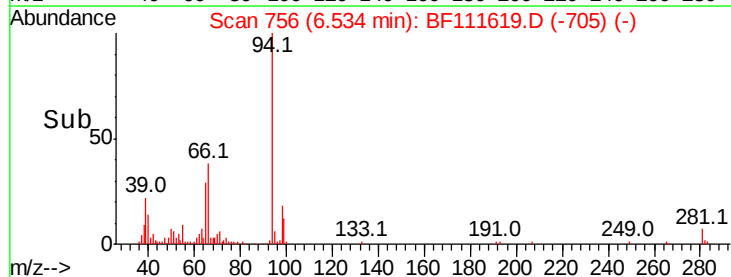
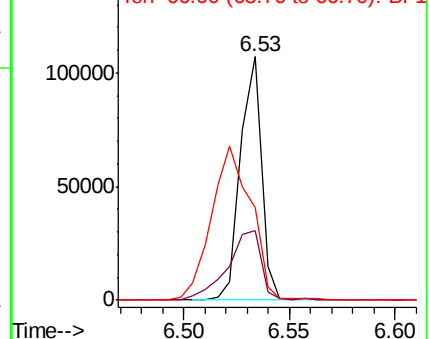
94 100

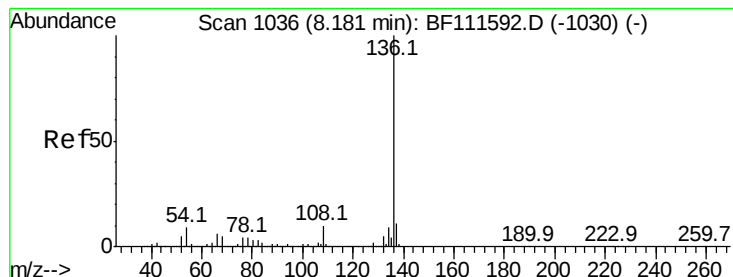
65 28.8 11.7 51.7

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





#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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

Tot Ion:136 Resp: 643575

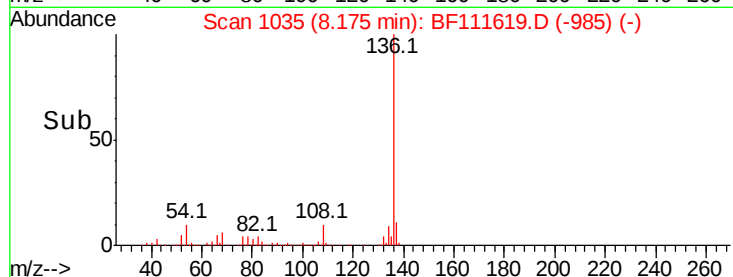
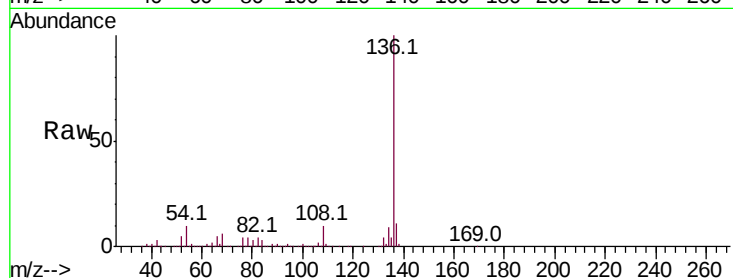
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.8 7.7 11.5

68 6.1 4.9 7.3

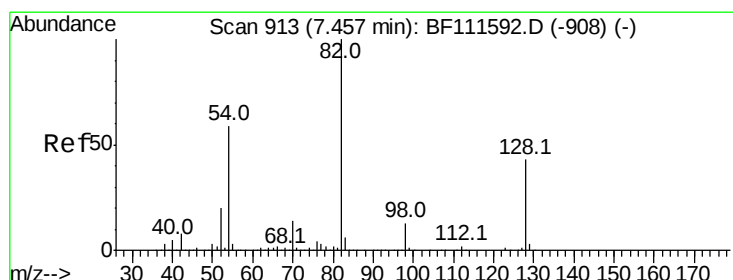
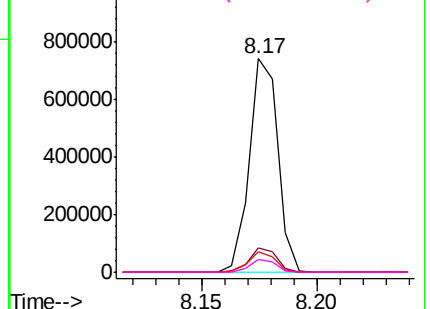


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 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

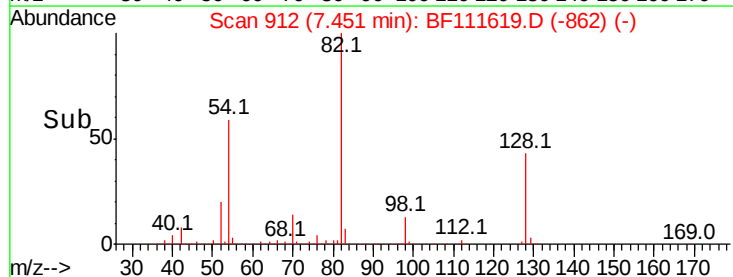
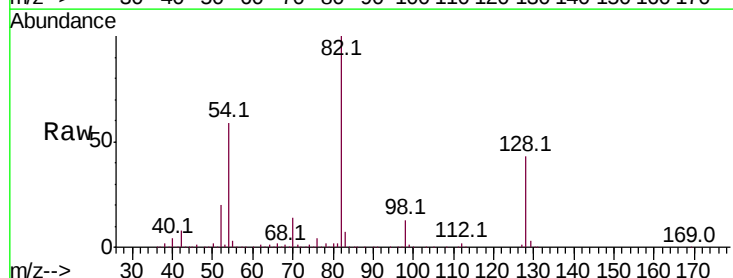
Tgt Ion: 82 Resp: 719429

Ion Ratio Lower Upper

82 100

128 43.3 37.4 56.2

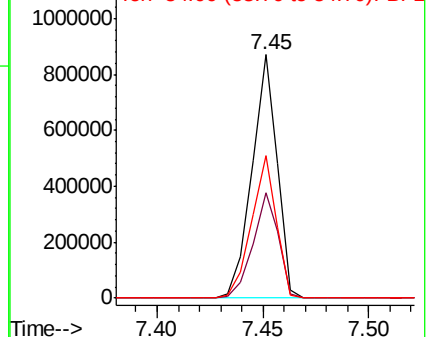
54 58.5 47.6 71.4

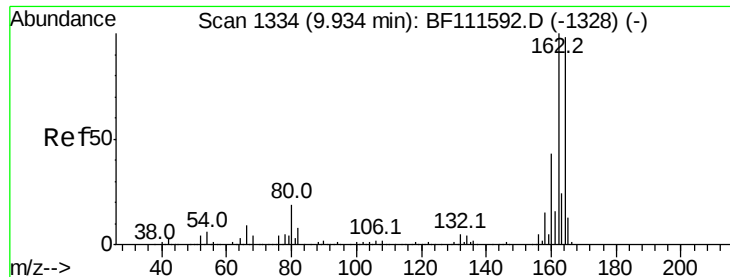


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

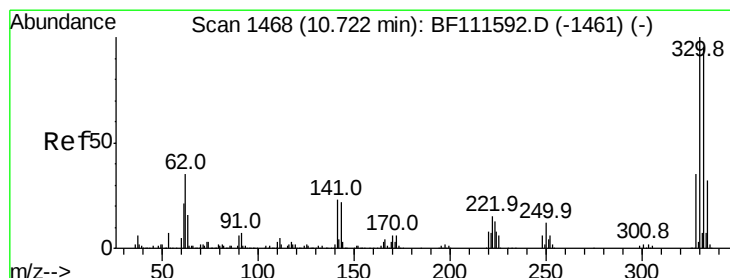
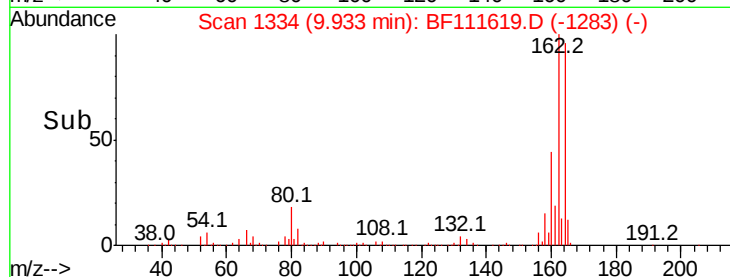
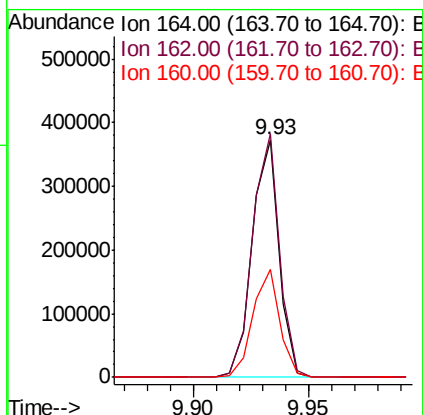
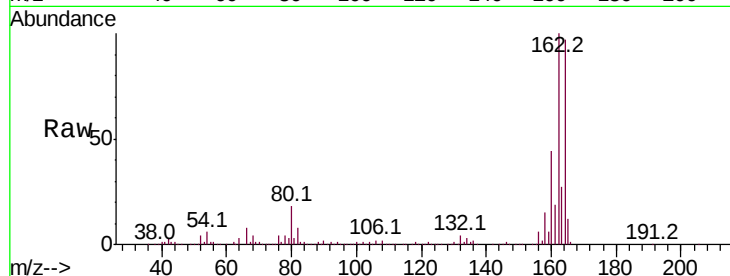




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111619.D
 Acq: 20 Dec 2018 4:36

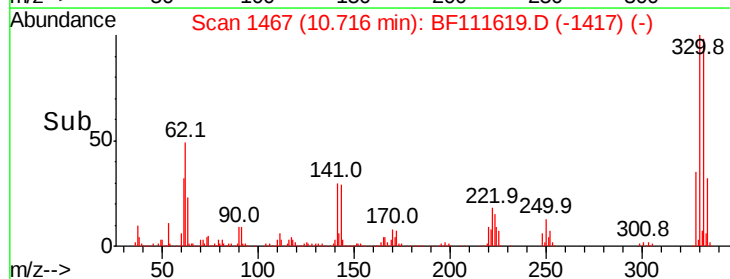
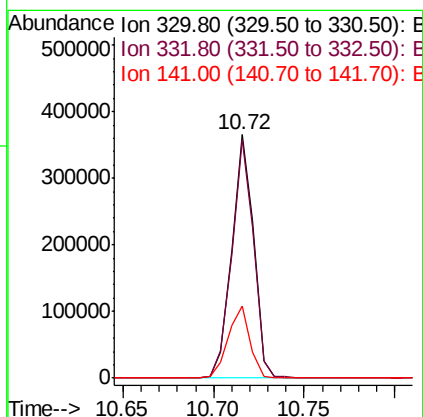
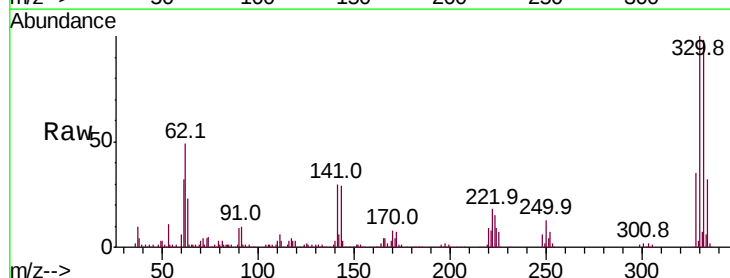
Instrument :
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 ClientSampleId :
 P001-SS006-1218-01

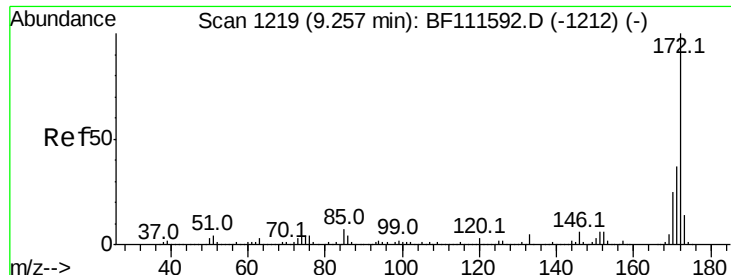
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	45.3	35.7	53.5



#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	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	30.1	31.0	46.6#



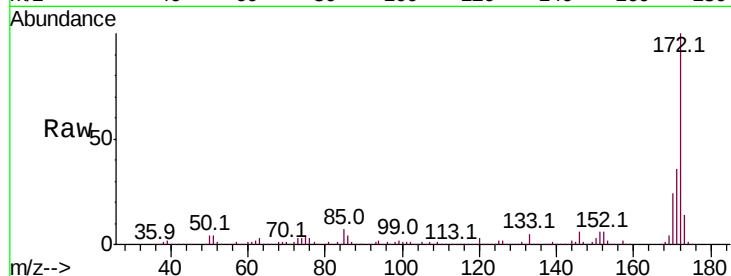


#45
 2-Fluorobiphenyl
 Concen: 59.837 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111619.D
 Acq: 20 Dec 2018 4:36

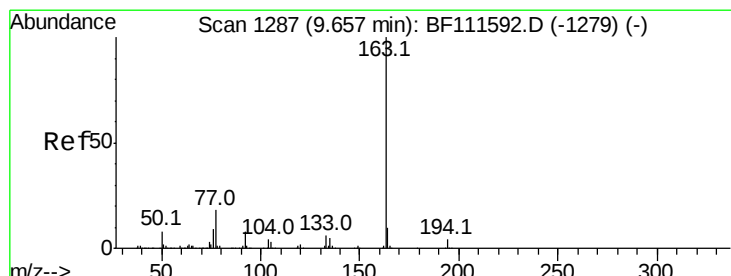
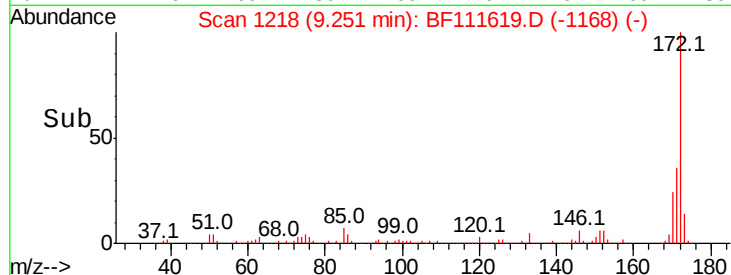
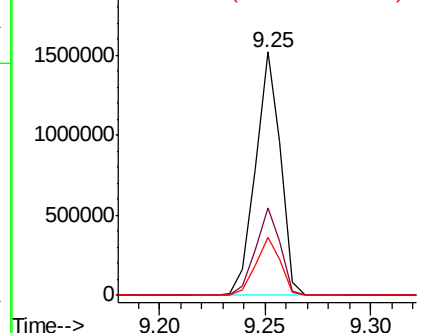
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1218-01

Tot Ion:172 Resp: 1246620

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.9	22.3	33.5



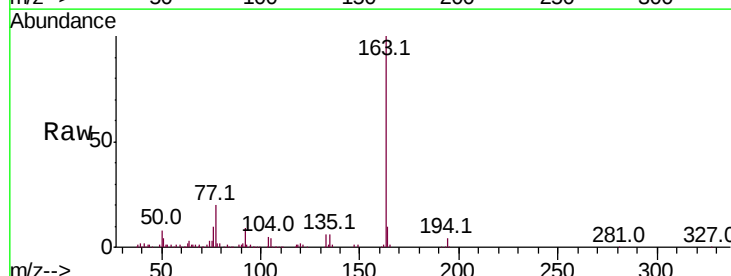
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



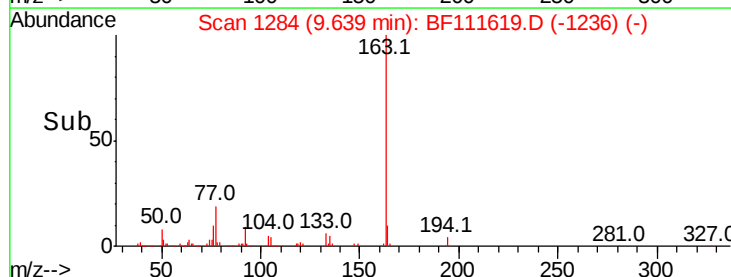
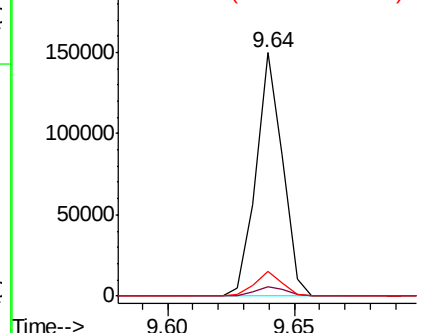
#50
 Dimethylphthalate
 Concen: 4.913 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111619.D
 Acq: 20 Dec 2018 4:36

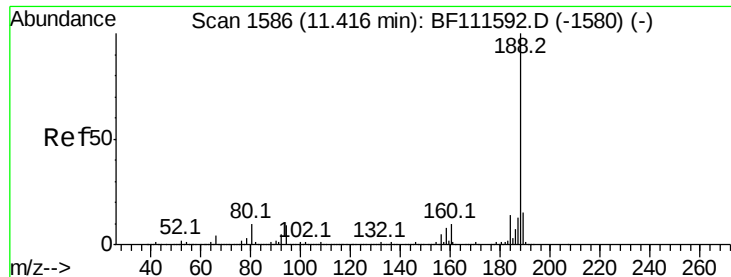
Tgt Ion:163 Resp: 109091

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





#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

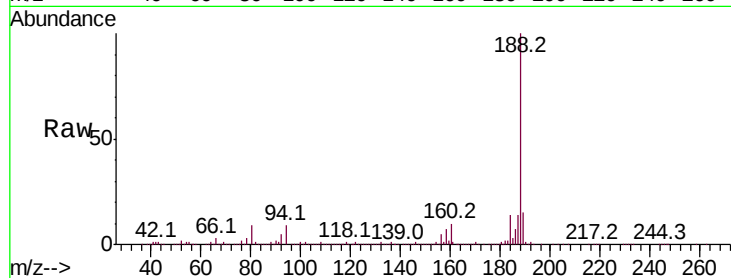
Tot Ion:188 Resp: 557230

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

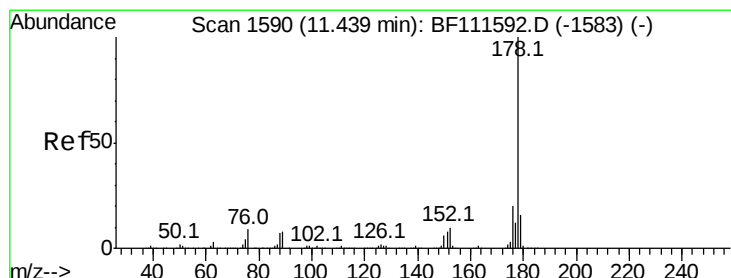
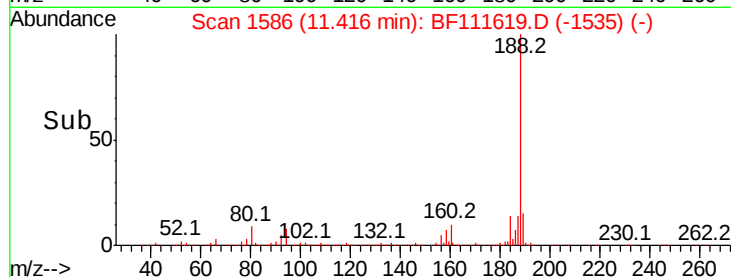
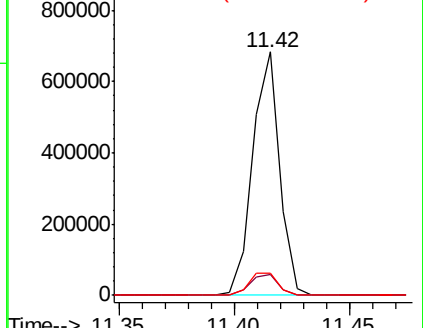
80 8.9 9.8 14.6#



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



#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

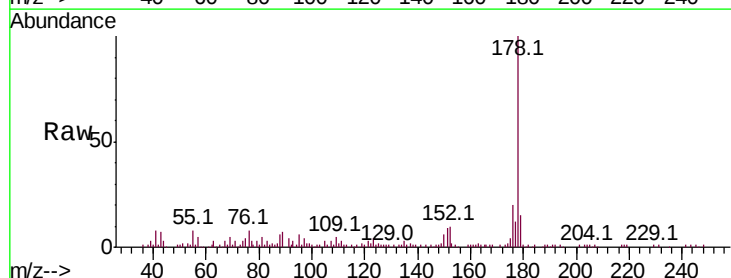
Tgt Ion:178 Resp: 62990

Ion Ratio Lower Upper

178 100

176 19.9 18.1 27.1

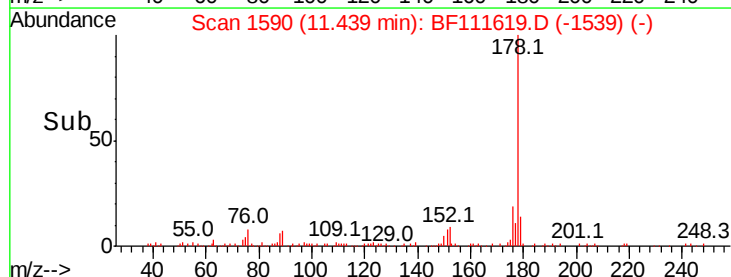
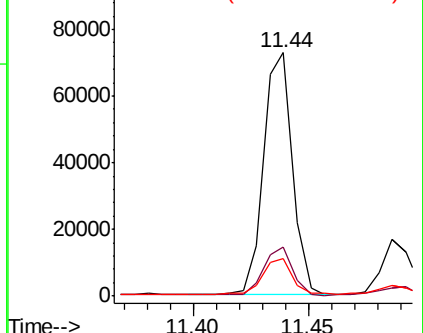
179 15.3 14.0 21.0

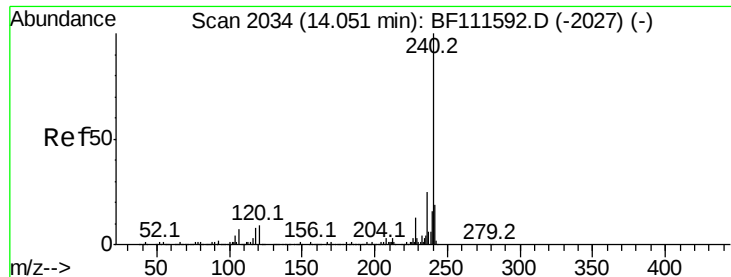


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

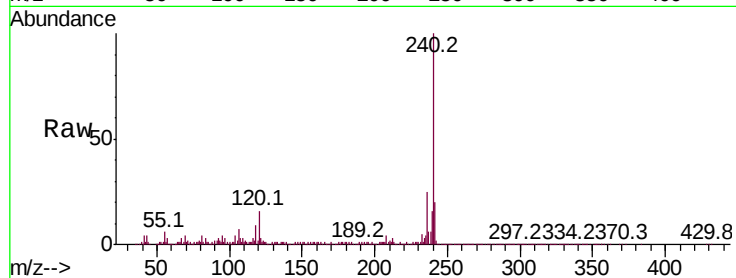




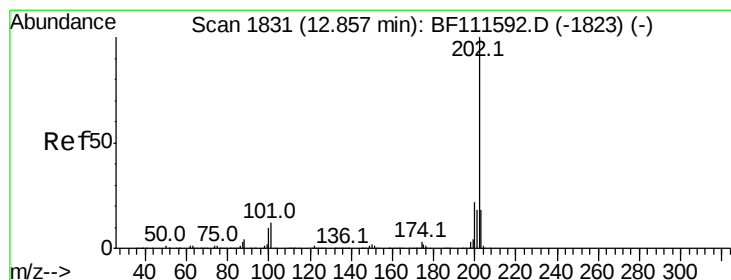
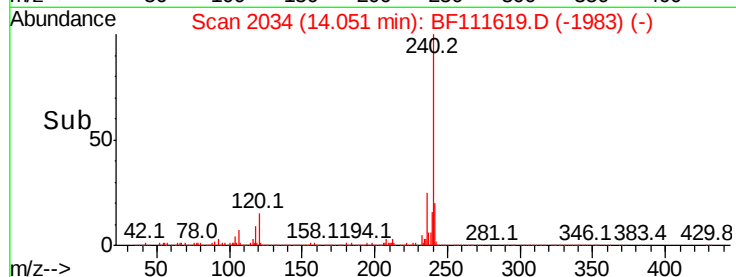
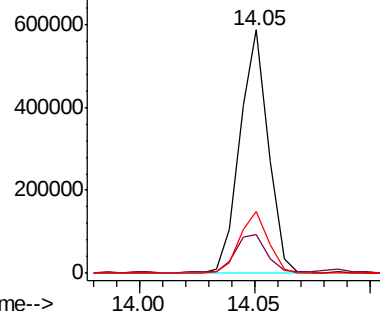
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.2	18.2
236	25.5	20.2	30.2

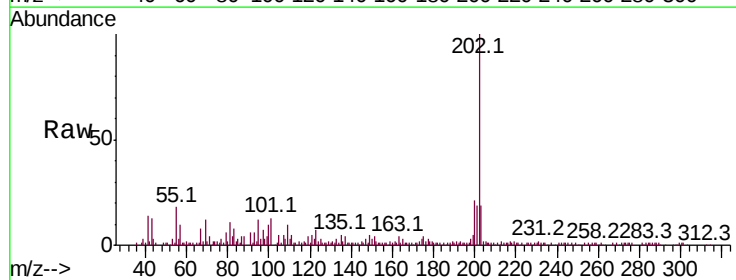


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

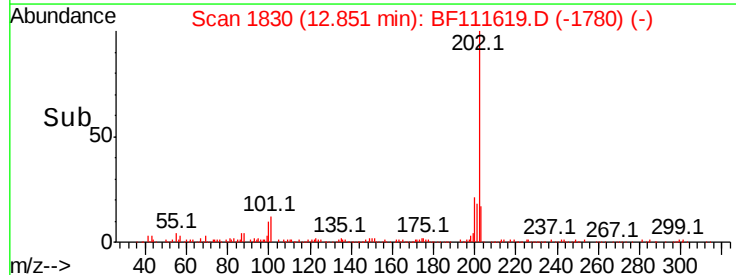
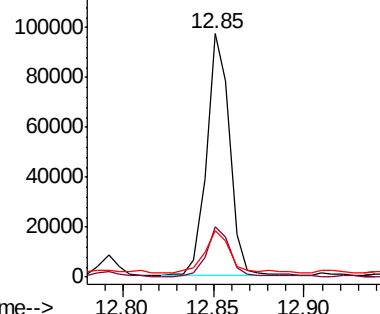


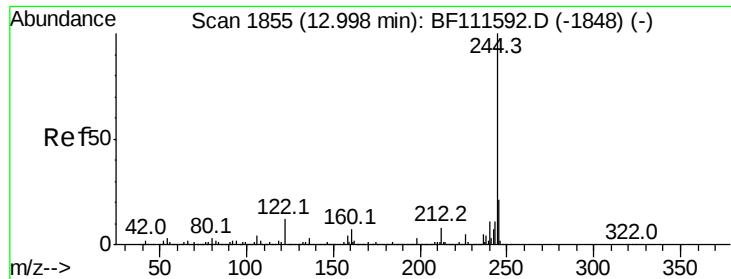
#78
Pyrene
Concen: 2.416 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111619.D
Acq: 20 Dec 2018 4:36

Tgt 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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1218-01

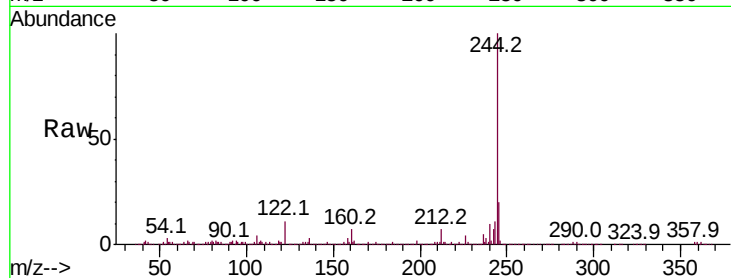
Tot Ion:244 Resp: 1288732

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

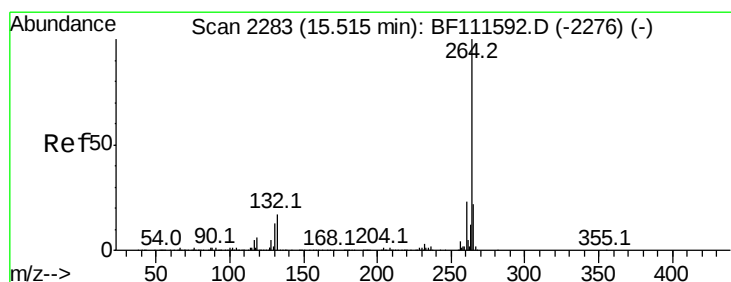
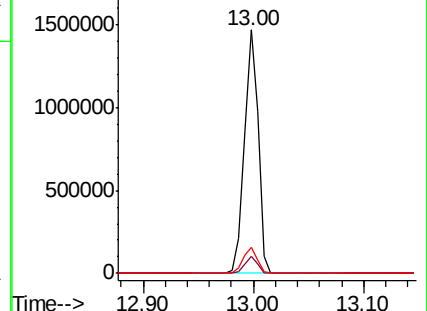
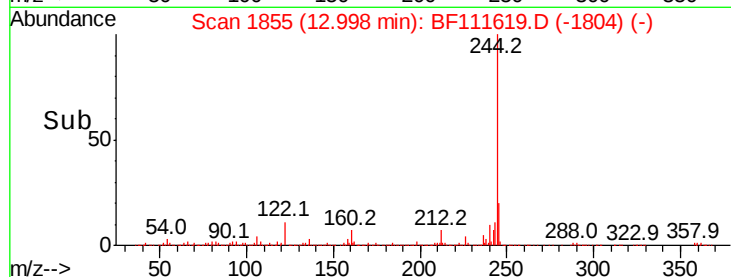
122 10.9 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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

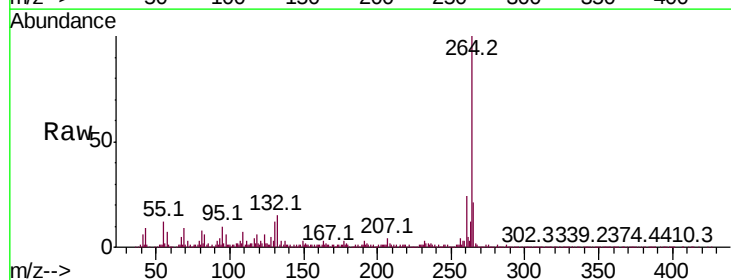
Tgt Ion:264 Resp: 341663

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 20.7 17.7 26.5



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

