

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111277.D
 Acq On : 11 Dec 2018 14:31
 Operator : JU/SJ
 Sample : J6196-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-B

Quant Time: Dec 11 17:32:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

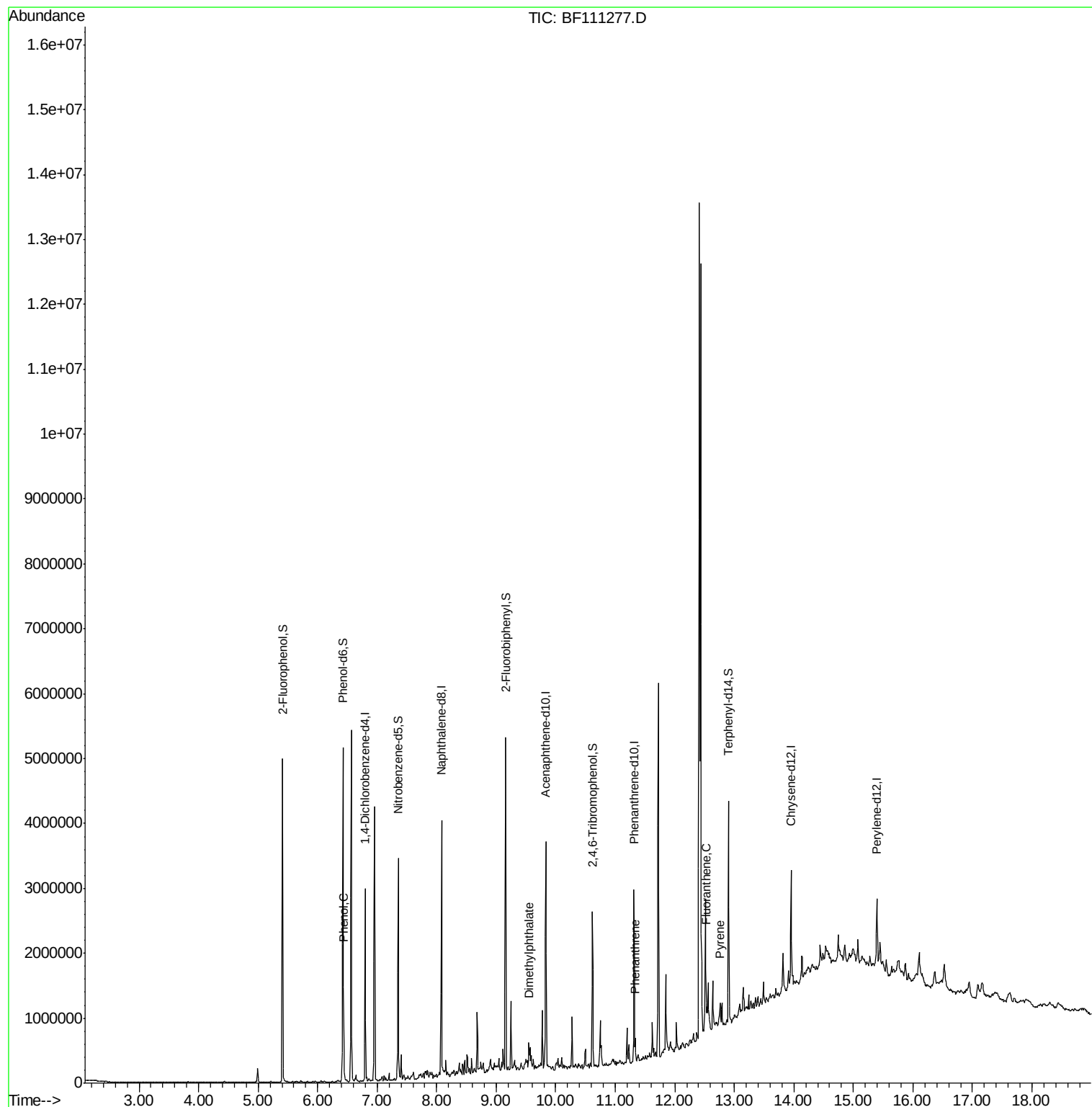
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	418202	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1558397	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	607926	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	902067	20.00	ng	0.00
76) Chrysene-d12	13.96	240	631972	20.00	ng	0.00
87) Perylene-d12	15.40	264	473109	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1355820	51.19	ng	0.00
7) Phenol-d6	6.43	99	1719587	52.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1007814	36.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	232129	43.11	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1499122	34.95	ng	0.00
79) Terphenyl-d14	12.90	244	1057925	40.15	ng	0.00
Target Compounds						
10) Phenol	6.44	94	99461	2.584	ng	88
50) Dimethylphthalate	9.55	163	114866	2.561	ng	# 98
71) Phenanthrene	11.34	178	107464	2.362	ng	95
75) Fluoranthene	12.53	202	140055	3.370	ng	98
78) Pyrene	12.76	202	152794	3.383	ng	95

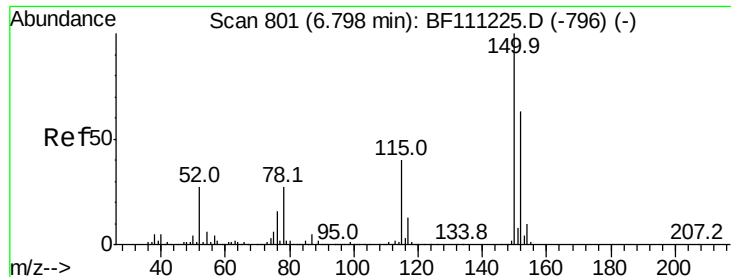
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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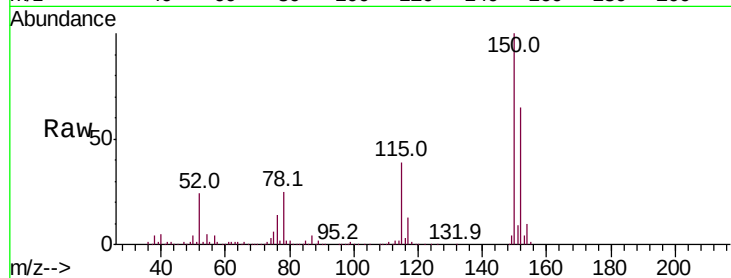


#1

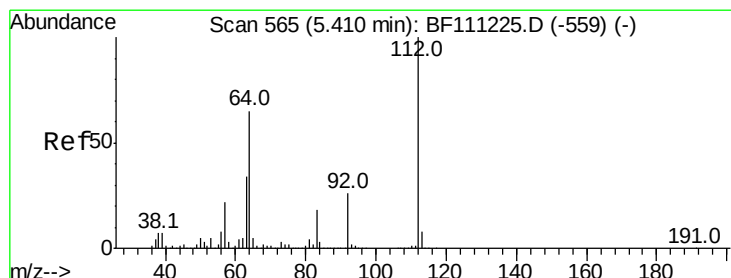
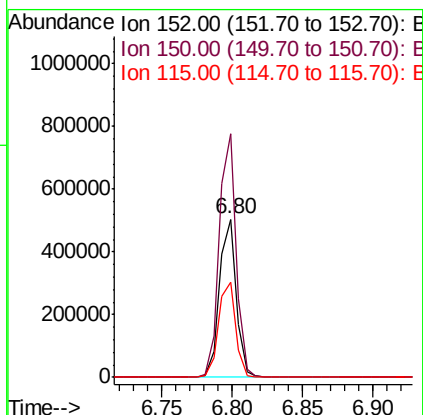
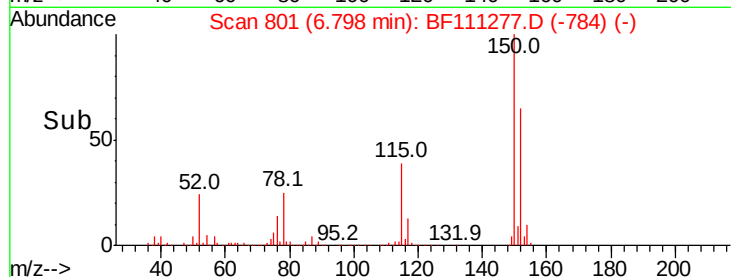
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Tot Ion:152 Resp: 418202
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 60.2 50.7 76.1



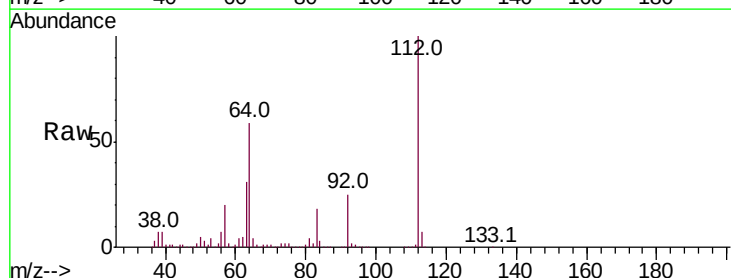
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



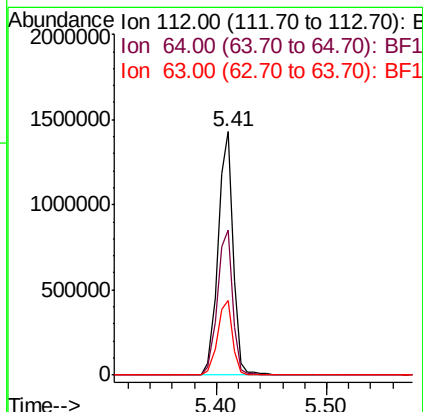
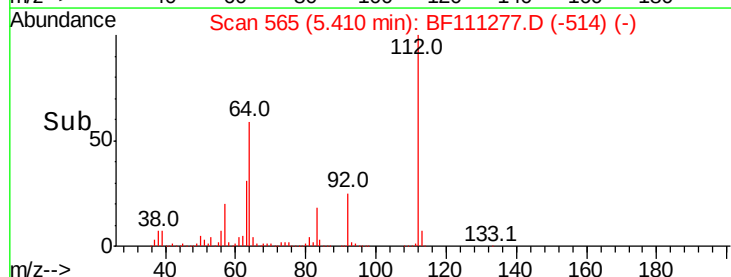
#5

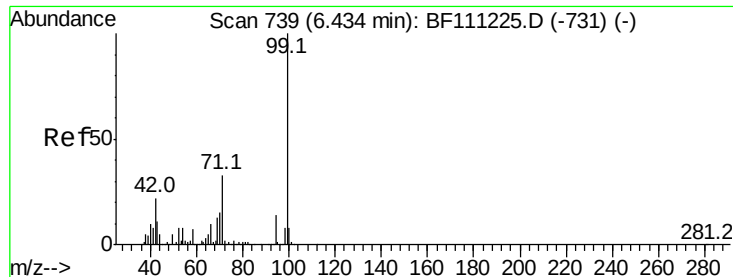
2-Fluorophenol
Concen: 51.194 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Tgt Ion:112 Resp: 1355820
Ion Ratio Lower Upper
112 100
64 59.3 51.8 77.6
63 30.8 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: 52.246 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

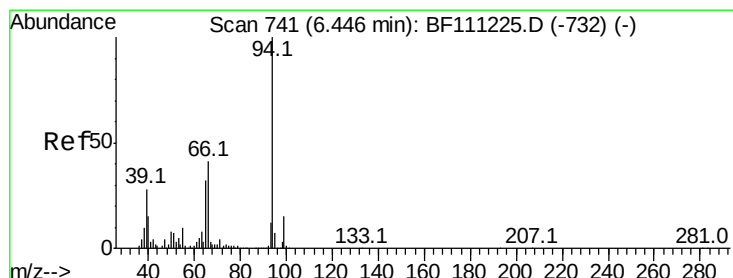
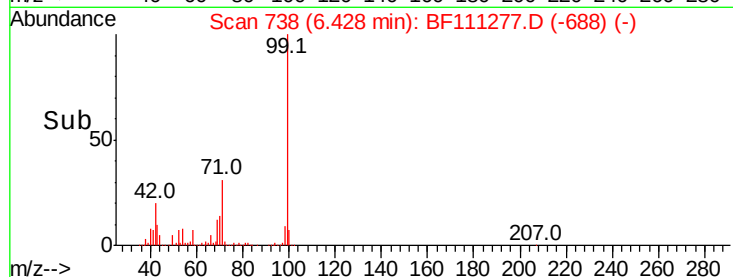
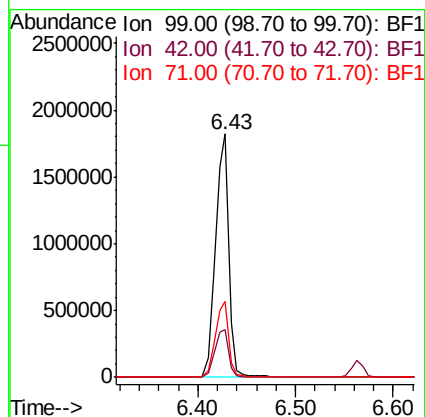
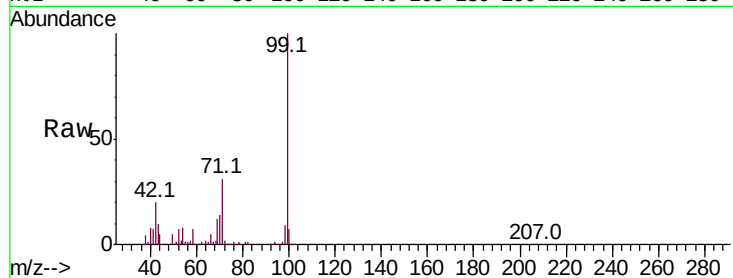
Tot Ion: 99 Resp: 1719587

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.4	26.0
71	31.2	26.1	39.1

99 100

42 19.9 17.4 26.0

71 31.2 26.1 39.1



#10

Phenol

Concen: 2.584 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

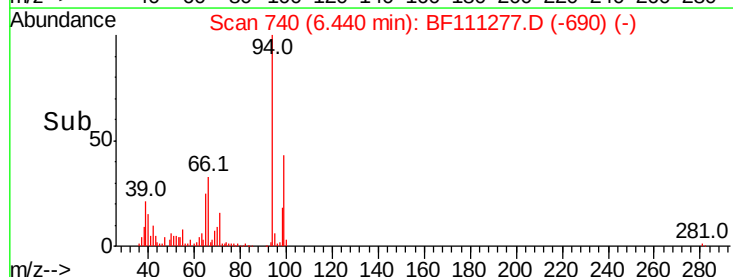
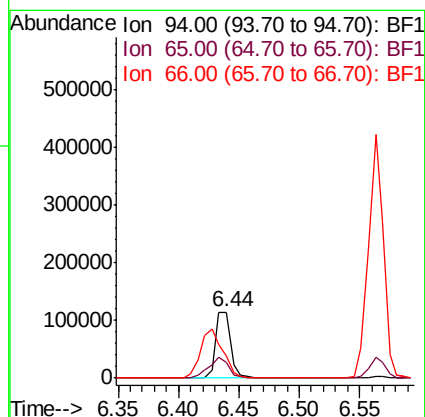
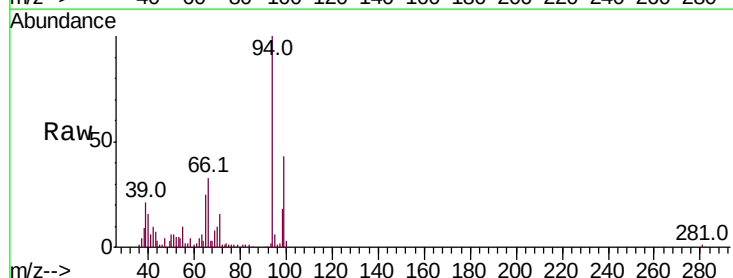
Tgt Ion: 94 Resp: 99461

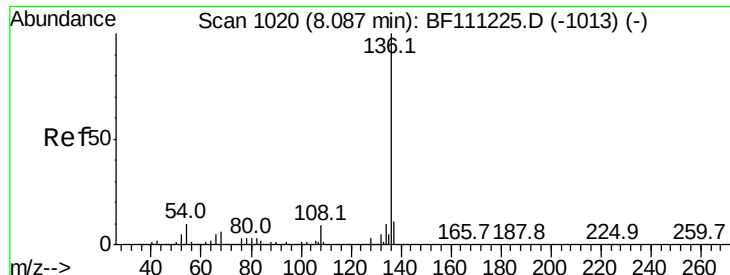
Ion	Ratio	Lower	Upper
94	100		
65	24.7	11.7	51.7
66	33.3	21.0	61.0

94 100

65 24.7 11.7 51.7

66 33.3 21.0 61.0

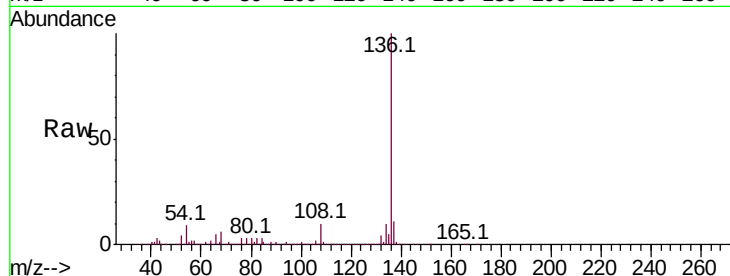




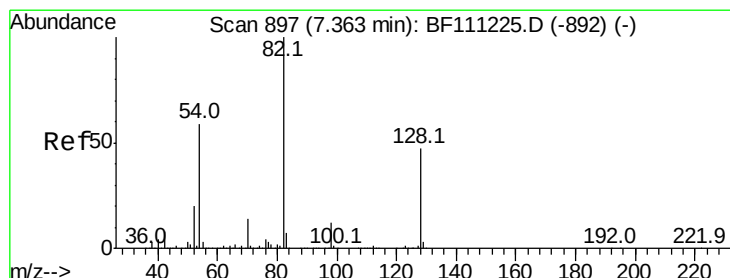
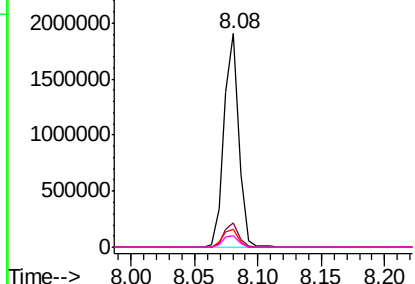
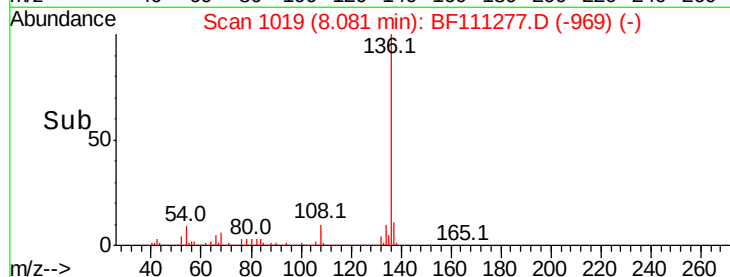
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Tot Ion:	136	Resp:	1558397
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.7	7.7	11.5
68	5.7	4.9	7.3

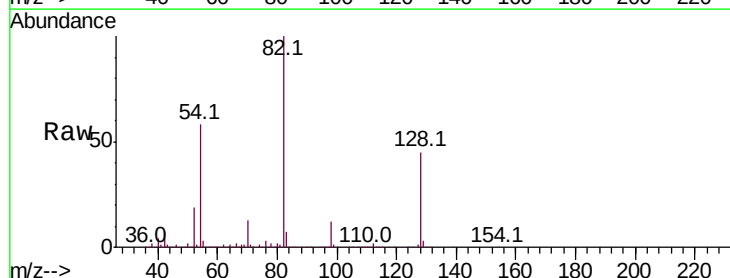


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

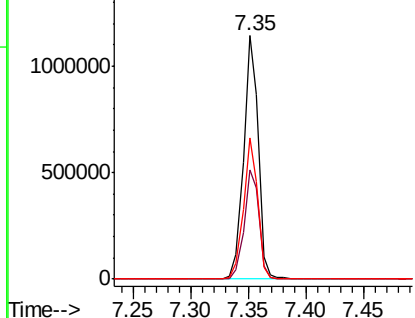
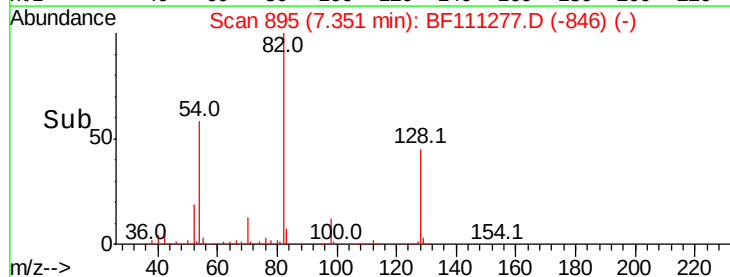


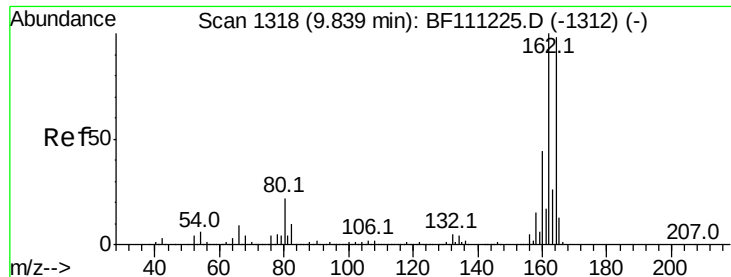
#23
Nitrobenzene-d5
Concen: 36.272 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Tgt Ion:	82	Resp:	1007814
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	57.9	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

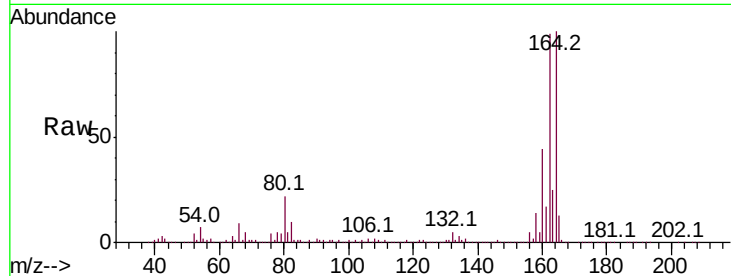




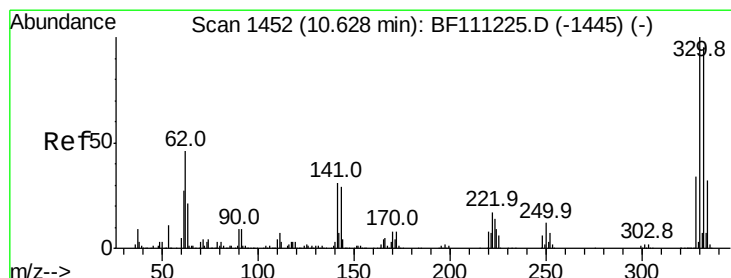
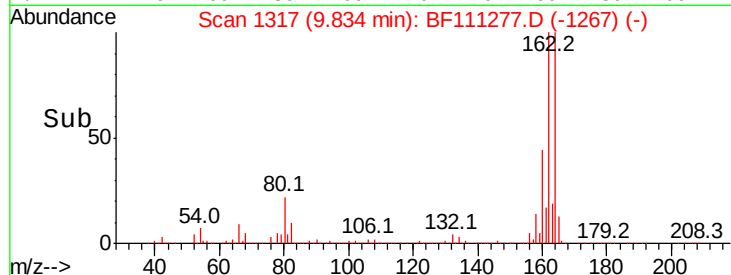
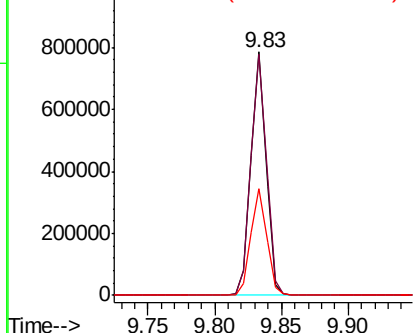
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Tot Ion:164 Resp: 607926
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.7 35.7 53.5

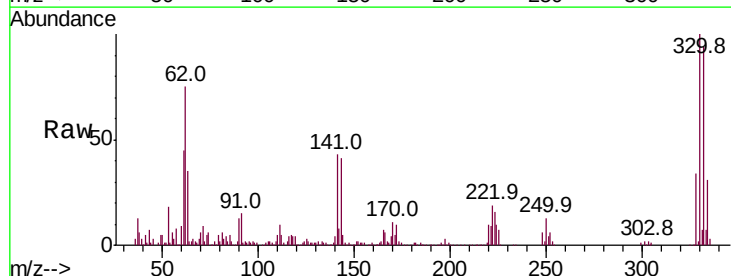


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

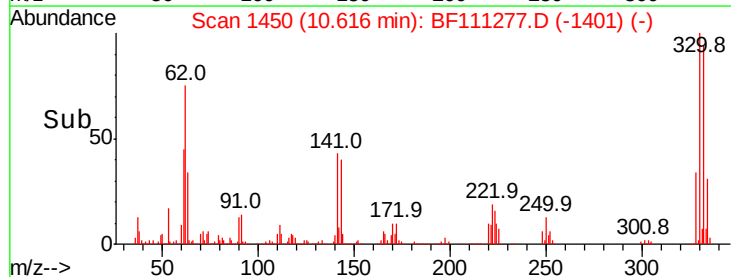
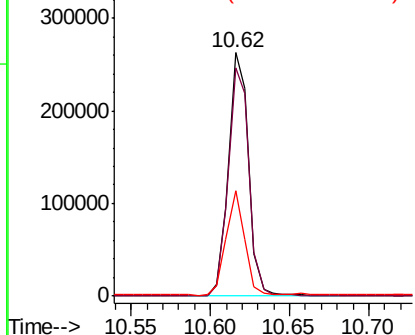


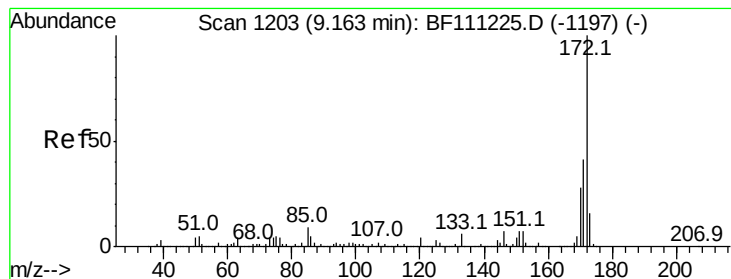
#42
2,4,6-Tribromophenol
Concen: 43.106 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Tgt Ion:330 Resp: 232129
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 39.2 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: 34.952 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

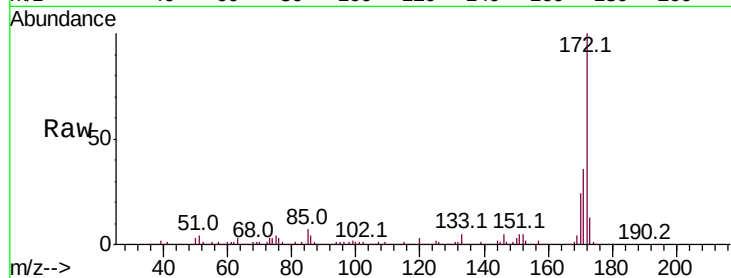
Tot Ion:172 Resp: 1499122

Ion Ratio Lower Upper

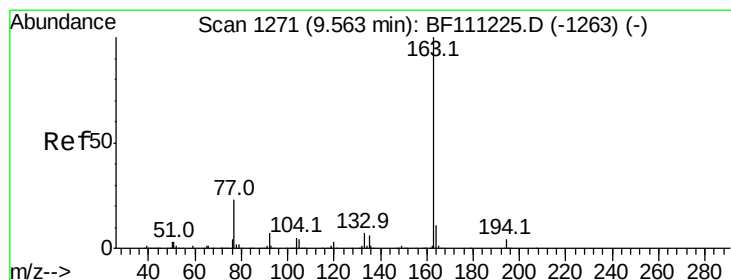
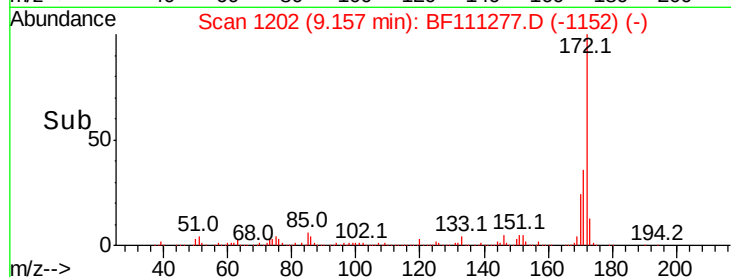
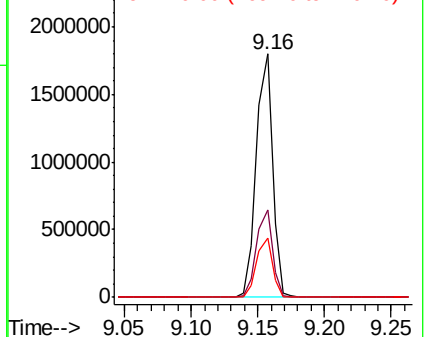
172 100

171 35.9 33.0 49.4

170 24.5 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: 2.561 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

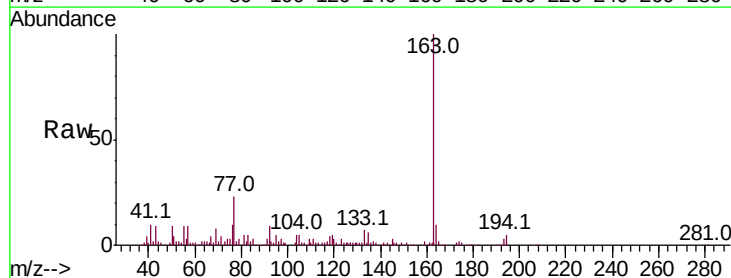
Tgt Ion:163 Resp: 114866

Ion Ratio Lower Upper

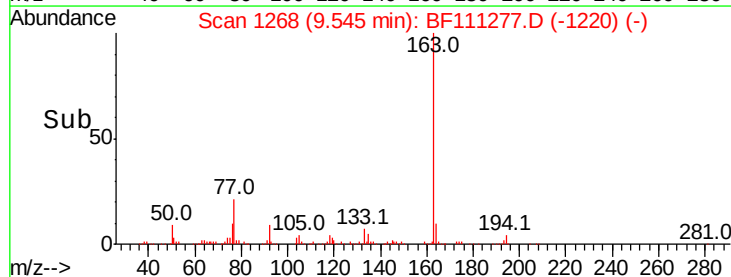
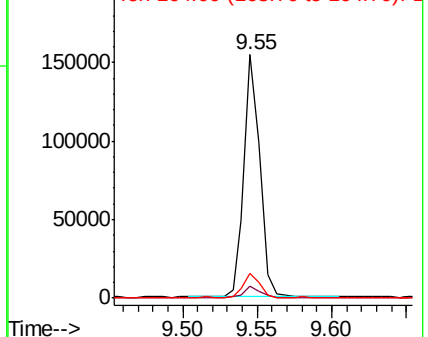
163 100

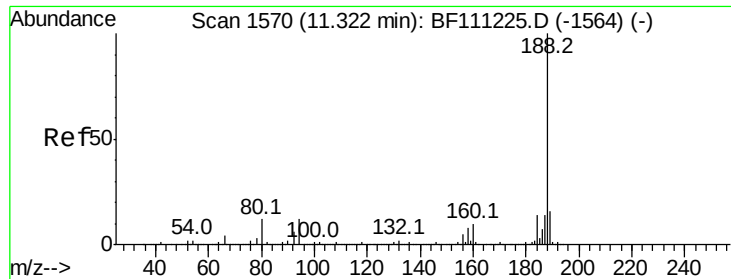
194 4.6 3.0 4.6#

164 10.4 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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

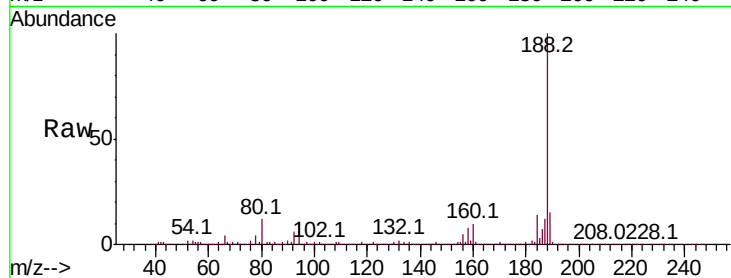
Tot Ion:188 Resp: 902067

Ion Ratio Lower Upper

188 100

94 11.1 9.6 14.4

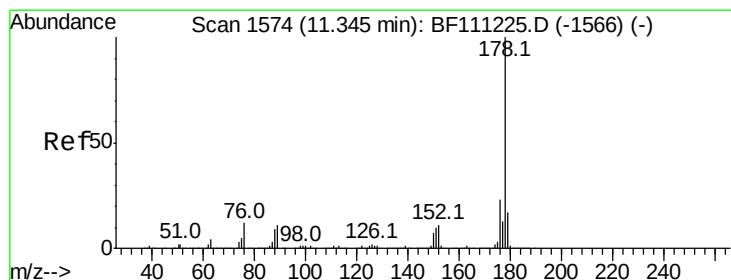
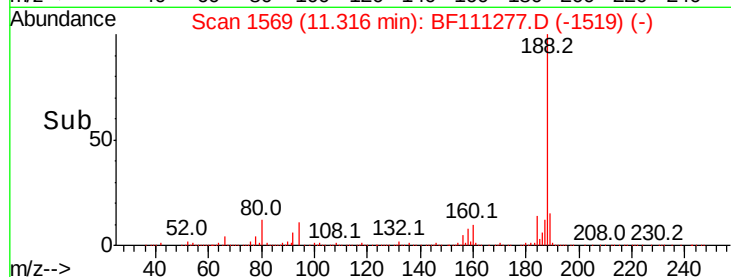
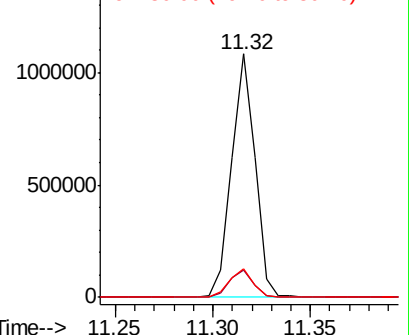
80 12.0 9.8 14.6



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: 2.362 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

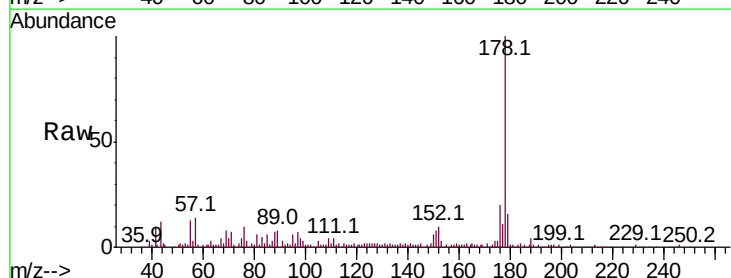
Tgt Ion:178 Resp: 107464

Ion Ratio Lower Upper

178 100

176 19.6 18.1 27.1

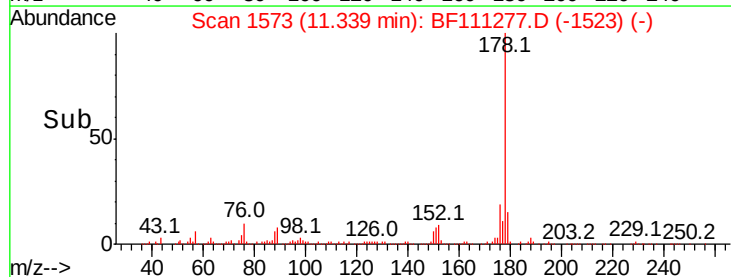
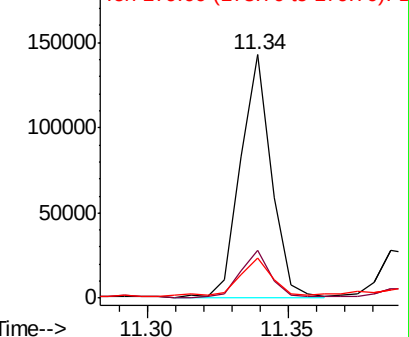
179 16.2 14.0 21.0

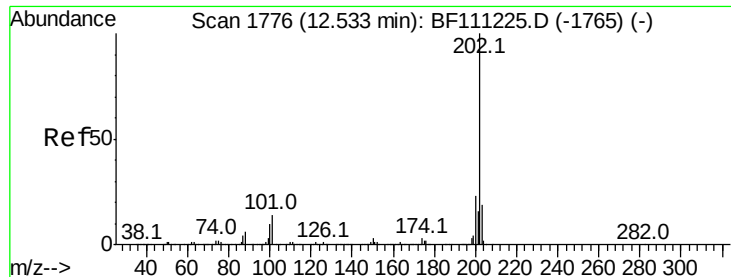


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.370 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

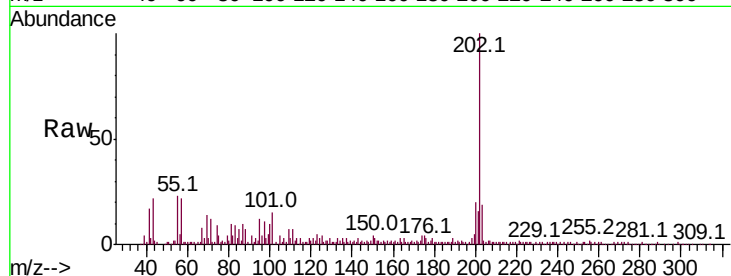
Tot Ion:202 Resp: 140055

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.8

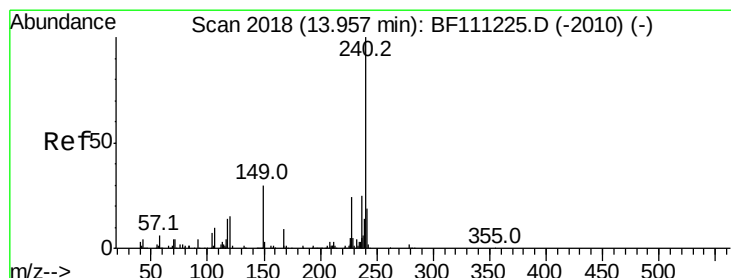
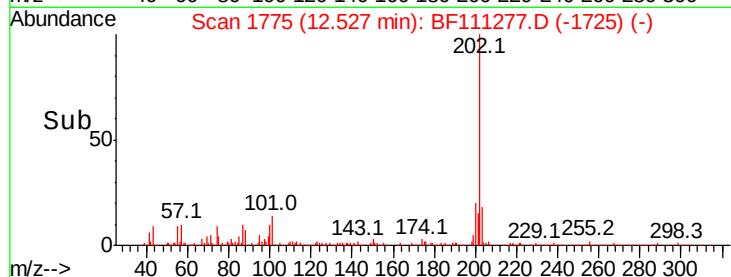
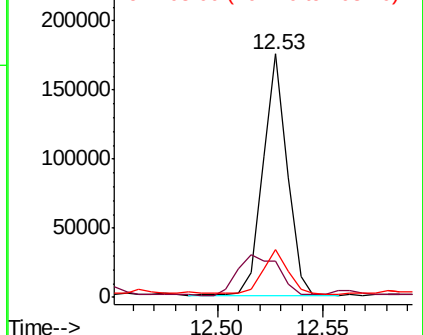
203 19.5 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111277.D

Acq: 11 Dec 2018 14:31

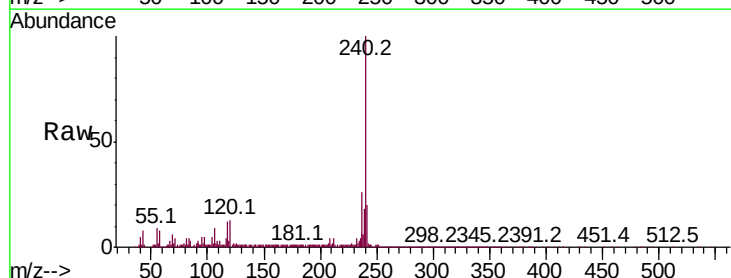
Tgt Ion:240 Resp: 631972

Ion Ratio Lower Upper

240 100

120 13.4 12.2 18.2

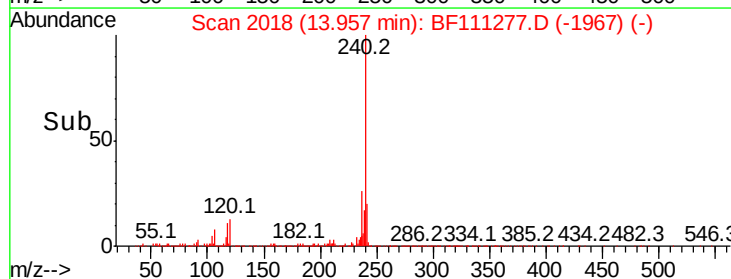
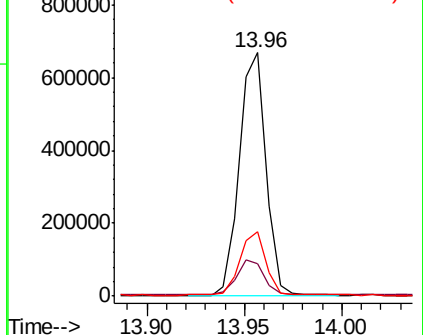
236 26.3 20.2 30.2

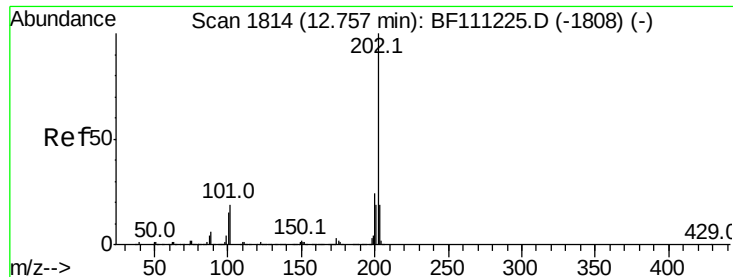


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

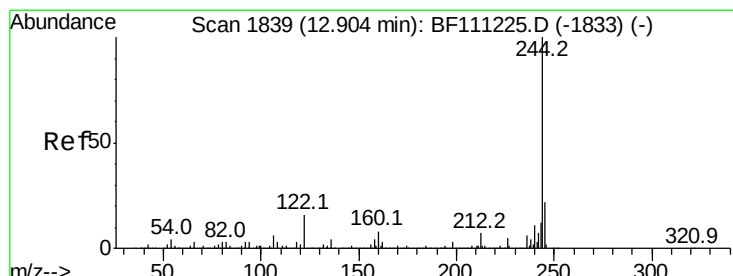
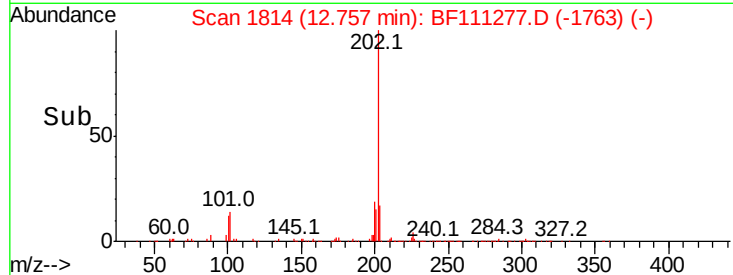
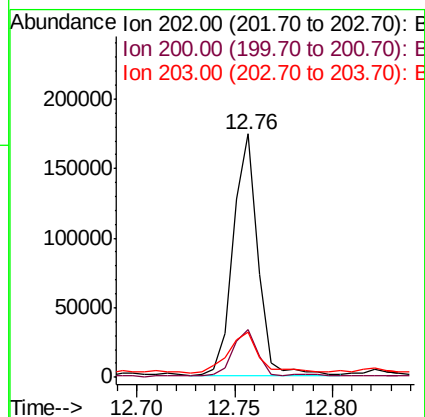
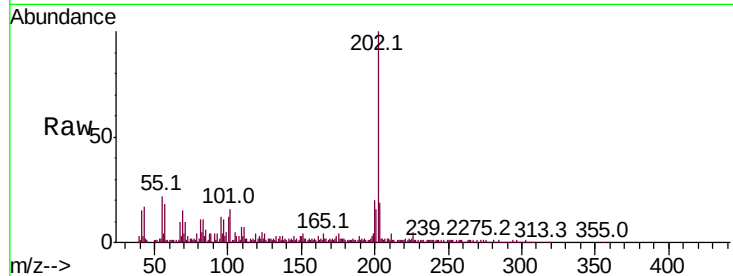




#78
Pvrene
Concen: 3.383 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

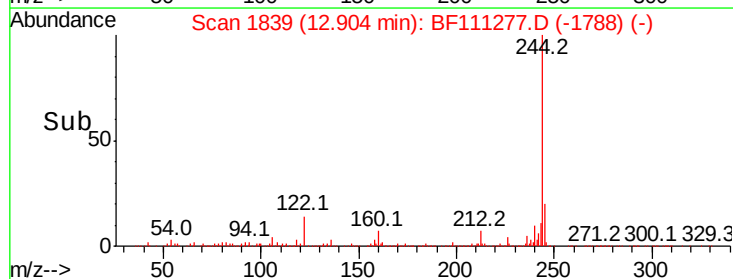
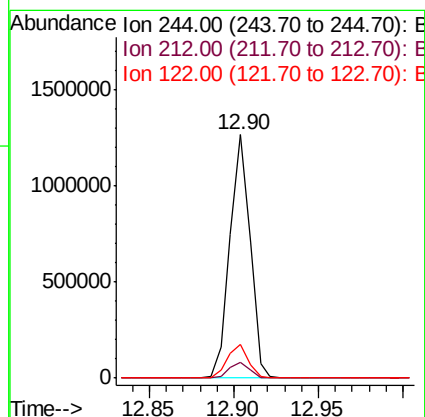
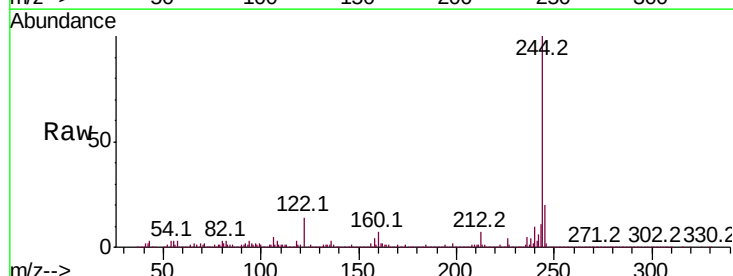
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

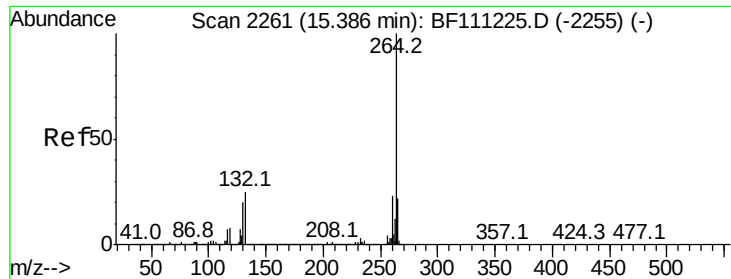
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	19.0	28.4
203	18.6	15.2	22.8



#79
Terphenyl-d14
Concen: 40.153 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	14.0	13.1	19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111277.D
Acq: 11 Dec 2018 14:31

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.7	17.7	26.5

