

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111264.D
 Acq On : 11 Dec 2018 1:21
 Operator : JU/SJ
 Sample : J6196-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 11 06:31:47 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

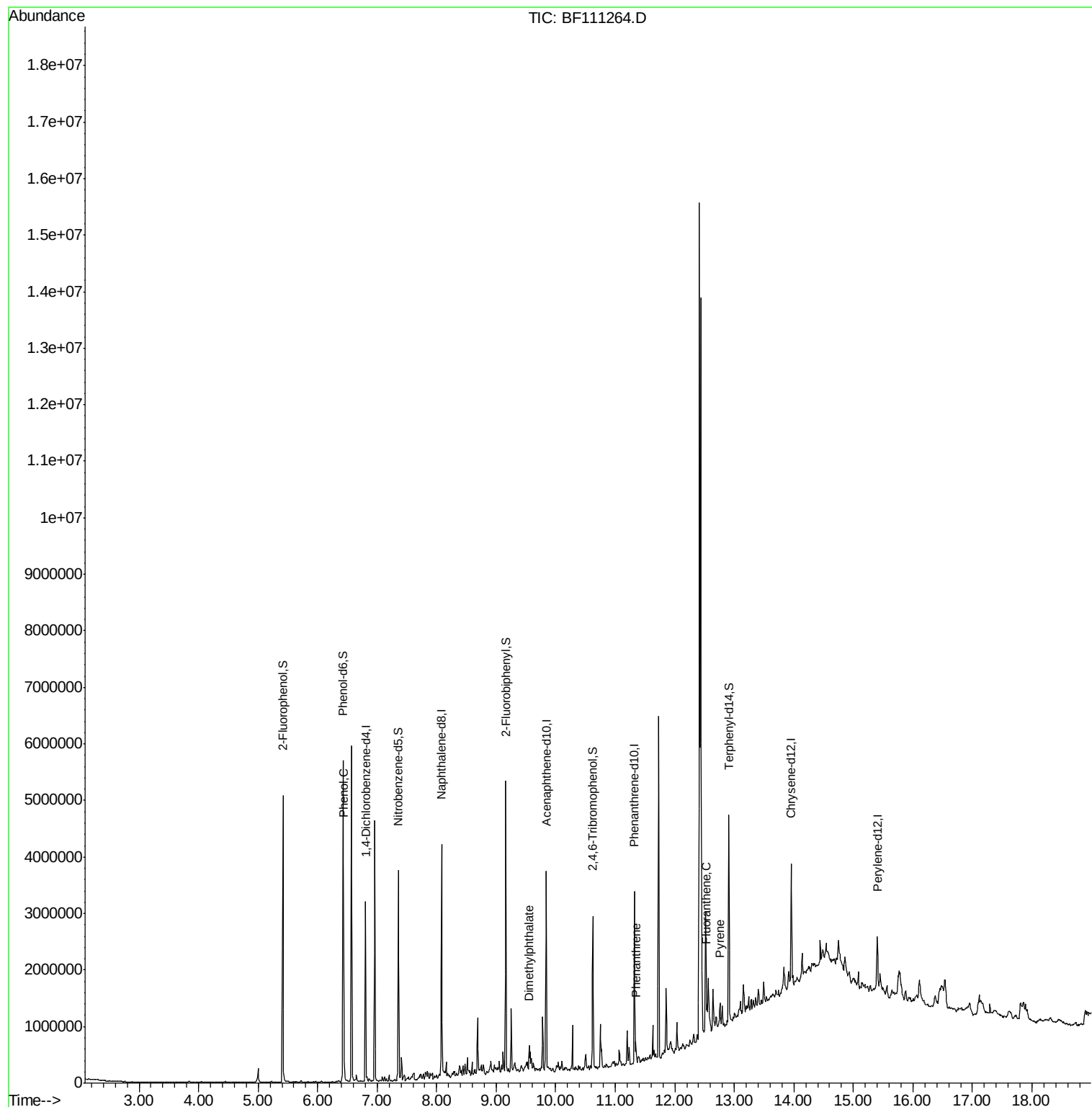
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	456851	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1641032	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	648955	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1019610	20.00	ng	0.00
76) Chrysene-d12	13.96	240	699562	20.00	ng	0.00
87) Perylene-d12	15.40	264	411827	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1517227	52.44	ng	0.00
7) Phenol-d6	6.43	99	1857794	51.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	1056592	36.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	264296	45.98	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1605119	35.08	ng	0.00
79) Terphenyl-d14	12.91	244	1220449	41.85	ng	0.00
Target Compounds						
10) Phenol	6.44	94	103945	2.472	ng	94
50) Dimethylphthalate	9.55	163	117721	2.458	ng	98
71) Phenanthrene	11.35	178	122109	2.374	ng	93
75) Fluoranthene	12.53	202	162072	3.450	ng	100
78) Pyrene	12.76	202	170079	3.402	ng	95

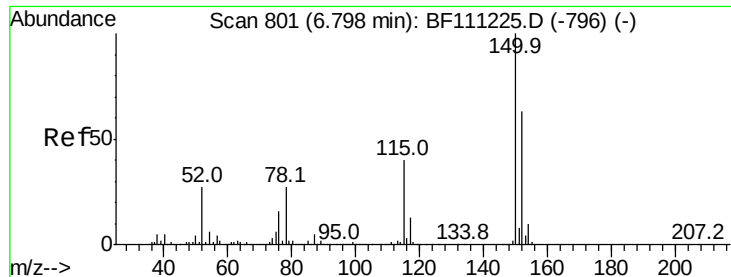
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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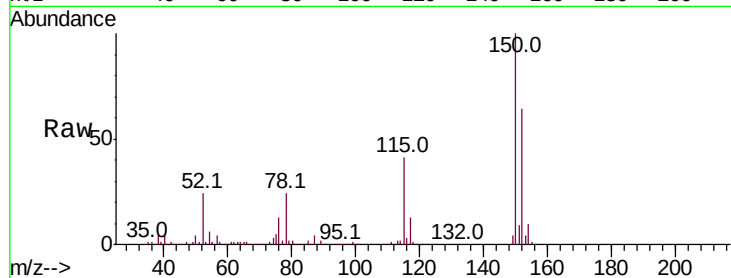


#1

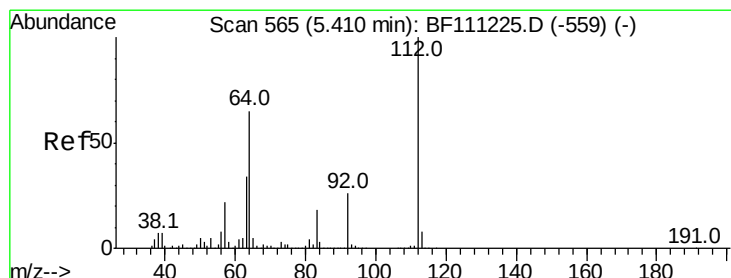
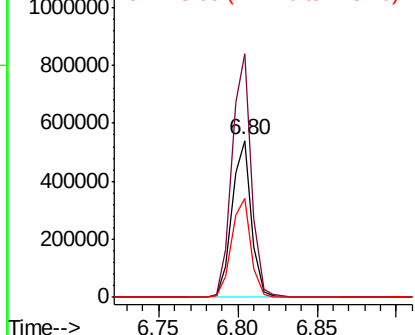
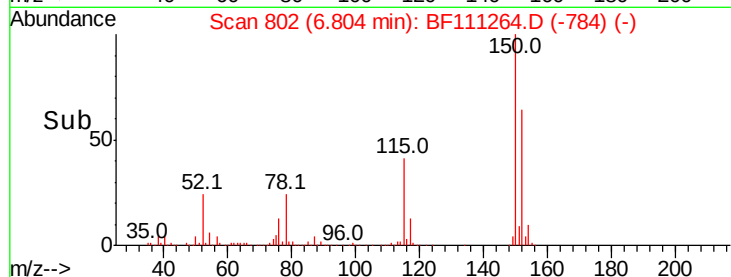
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	62.9	50.7	76.1



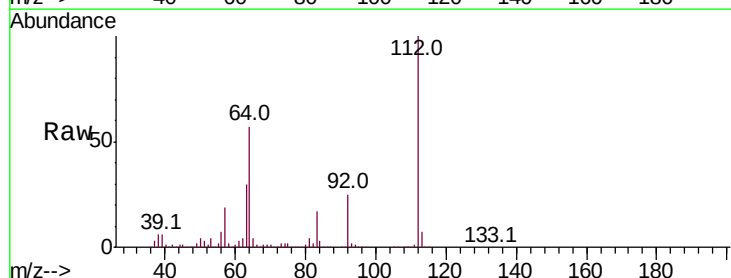
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



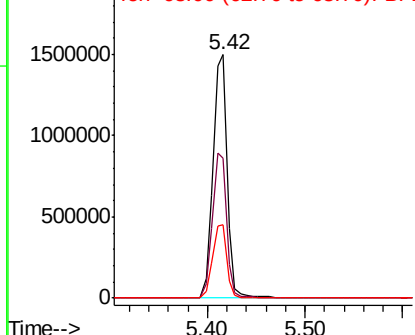
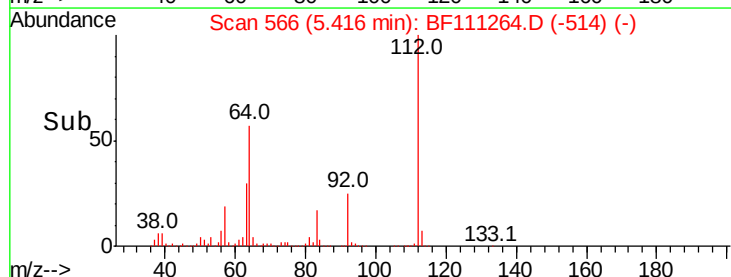
#5

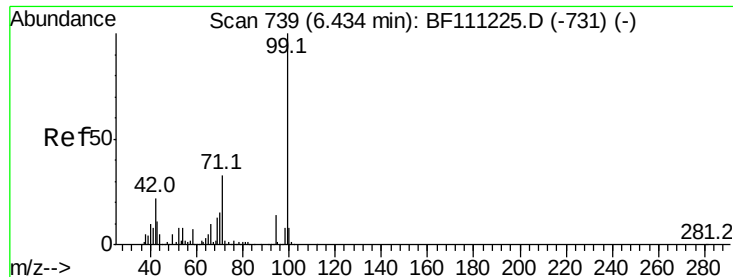
2-Fluorophenol
Concen: 52.442 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	51.8	77.6
63	30.0	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: 51.670 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

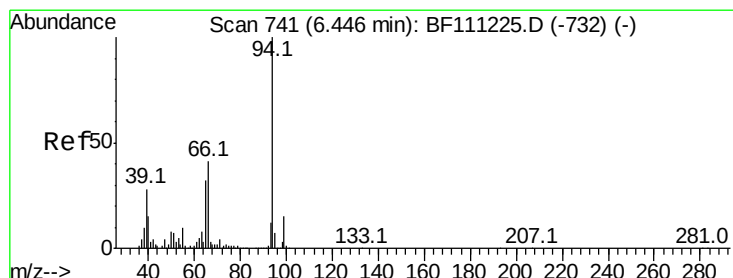
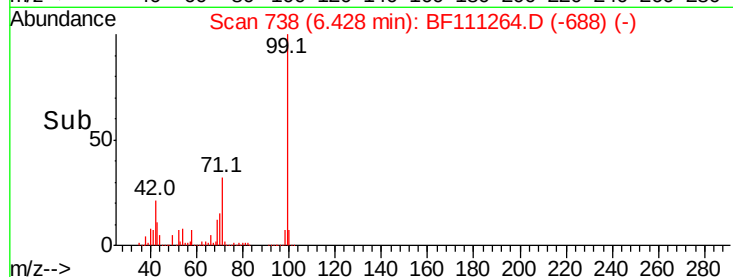
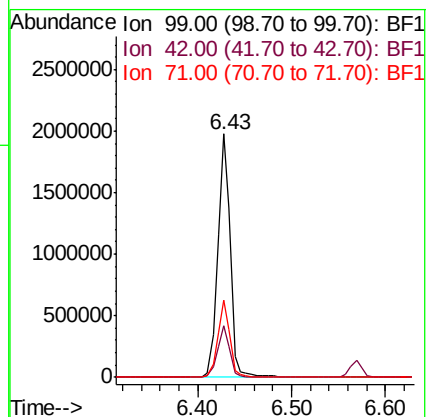
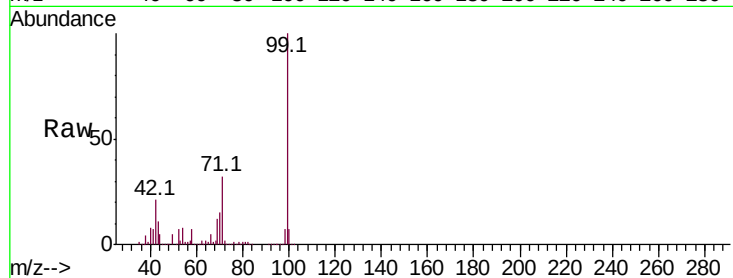
Tot Ion: 99 Resp: 1857794

Ion Ratio Lower Upper

99 100

42 21.2 17.4 26.0

71 31.6 26.1 39.1



#10

Phenol

Concen: 2.472 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

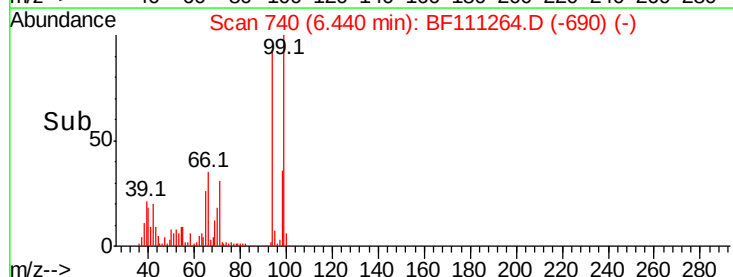
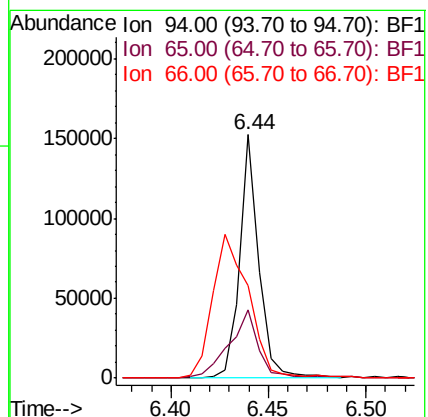
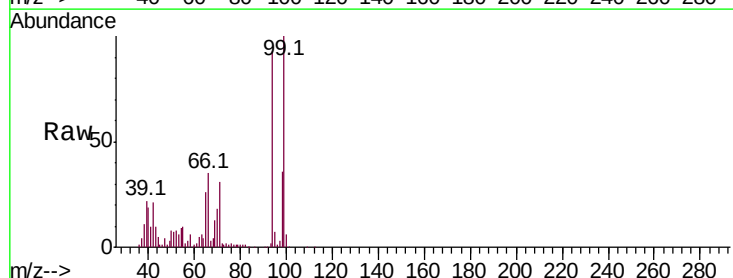
Tgt Ion: 94 Resp: 103945

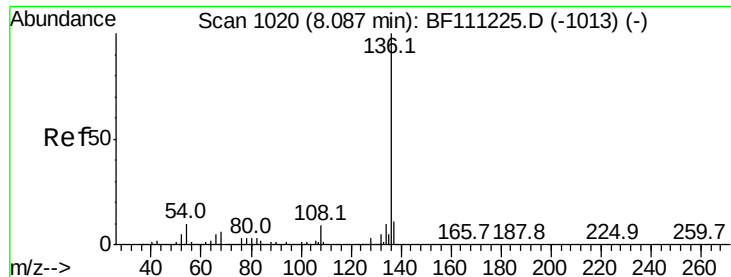
Ion Ratio Lower Upper

94 100

65 27.8 11.7 51.7

66 38.1 21.0 61.0



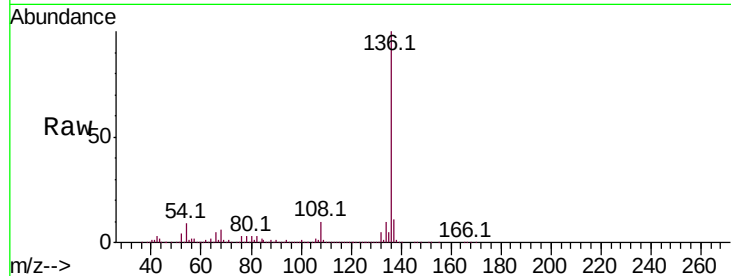


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

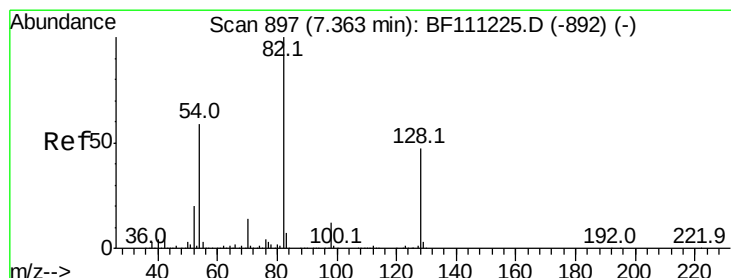
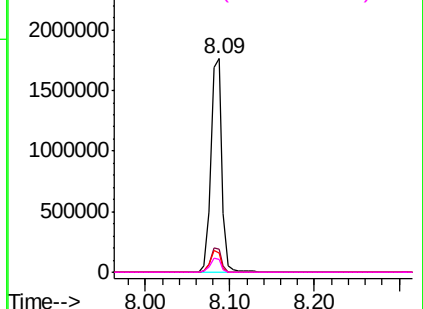
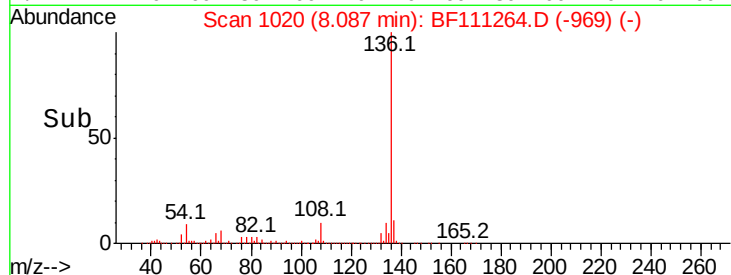
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-B

Tot Ion:136 Resp: 1641032

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.0	7.7	11.5
68	5.9	4.9	7.3



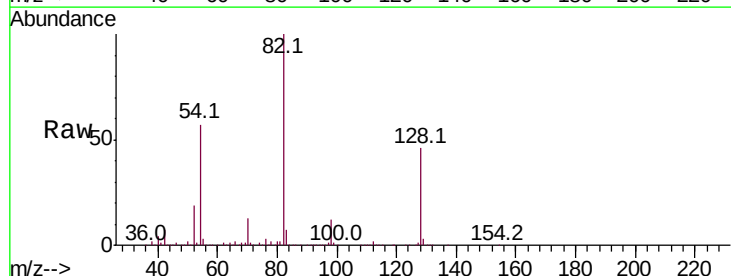
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



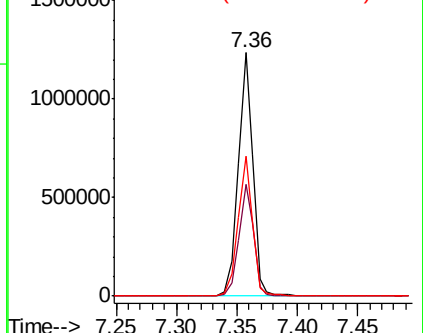
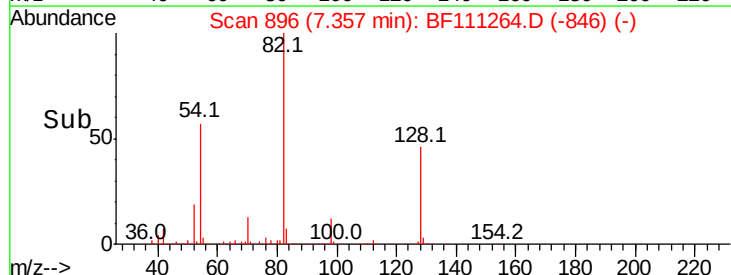
#23
Nitrobenzene-d5
Concen: 36.113 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

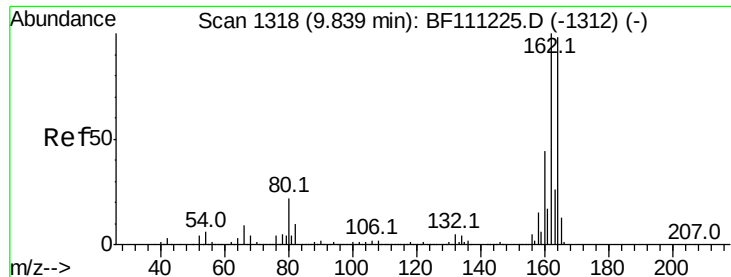
Tgt Ion: 82 Resp: 1056592

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.2
54	57.5	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: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

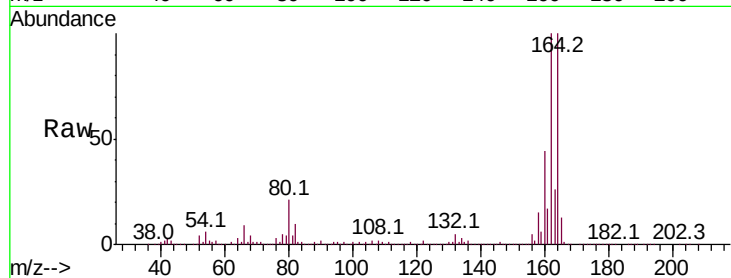
Tot Ion:164 Resp: 648955

Ion Ratio Lower Upper

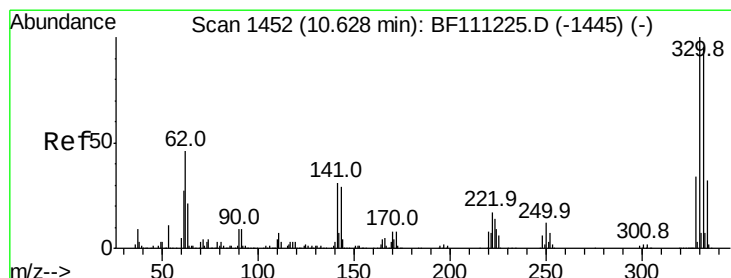
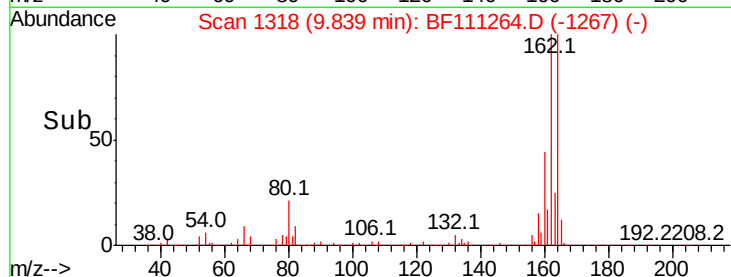
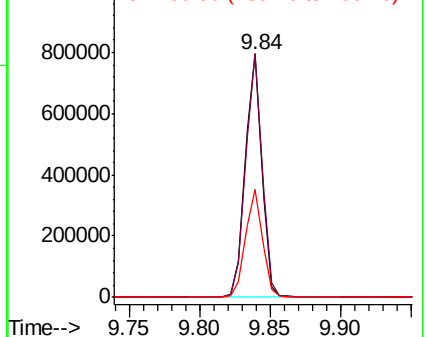
164 100

162 100.1 81.4 122.0

160 44.3 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: 45.976 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

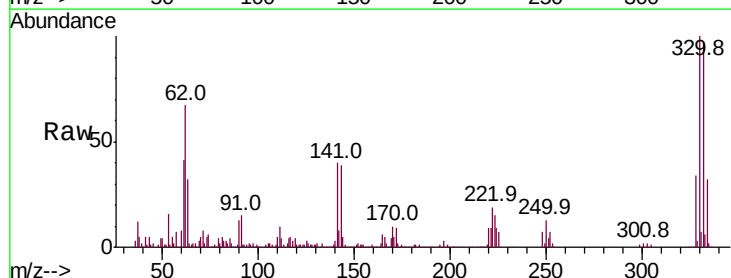
Tgt Ion:330 Resp: 264296

Ion Ratio Lower Upper

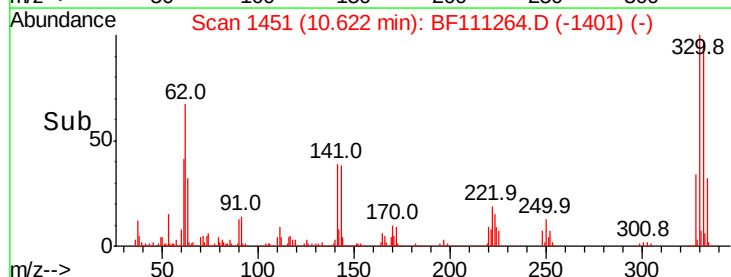
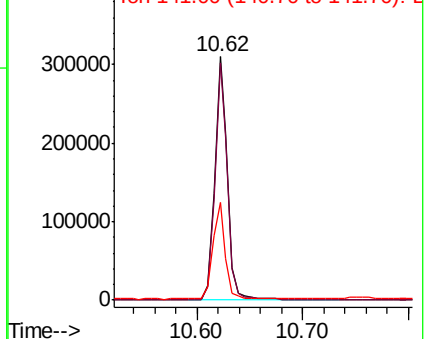
330 100

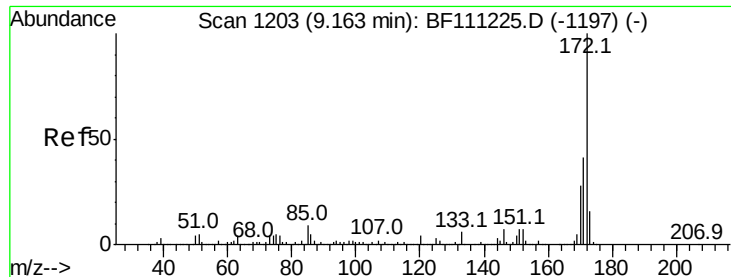
332 96.7 76.0 114.0

141 38.9 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

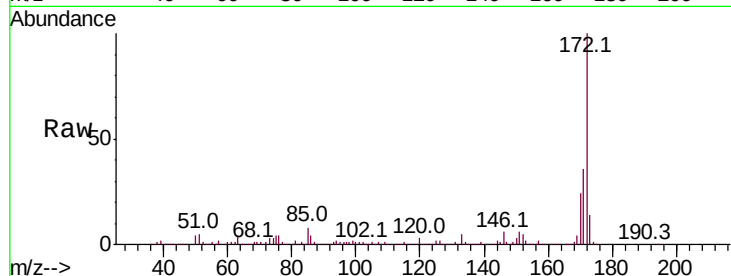




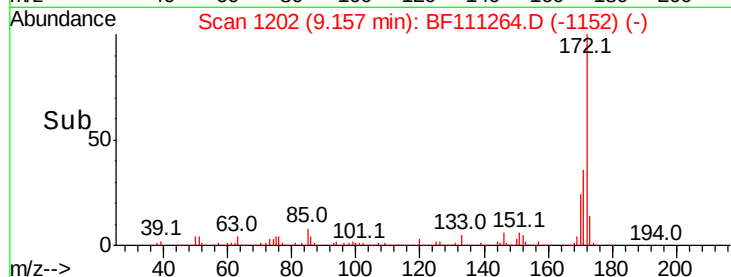
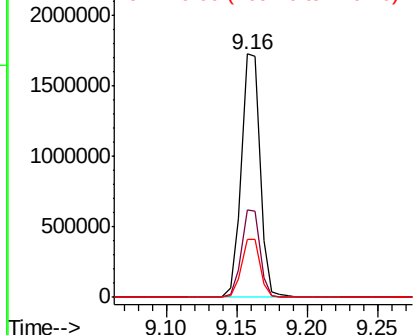
#45
2-Fluorobiphenyl
Concen: 35.083 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

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

Tot Ion:172 Resp: 1605119
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 23.8 22.3 33.5

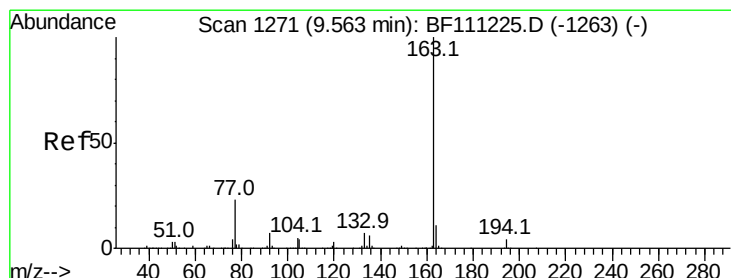


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

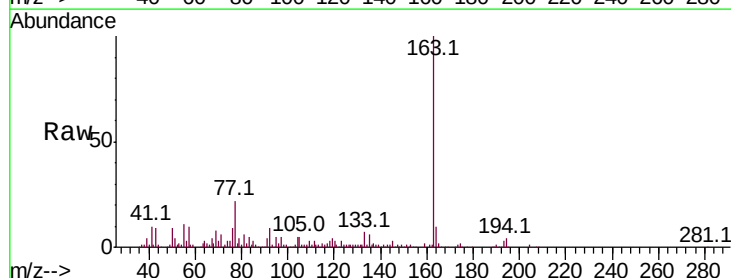
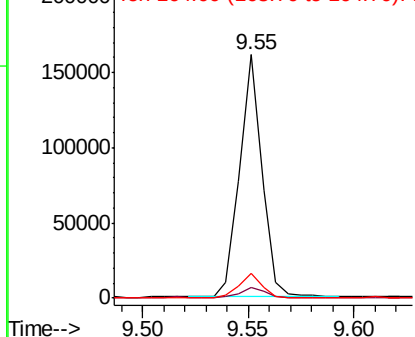


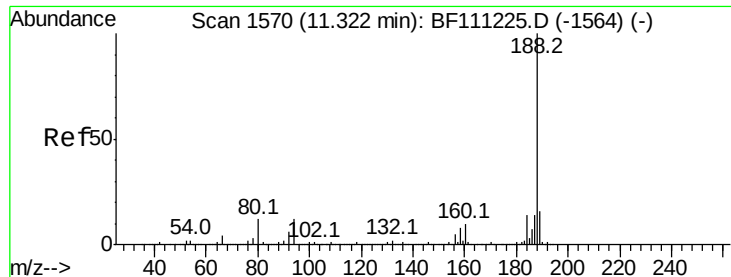
#50
Dimethylphthalate
Concen: 2.458 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

Tgt Ion:163 Resp: 117721
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.1 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# 1570

Delta R.T. -0.00 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

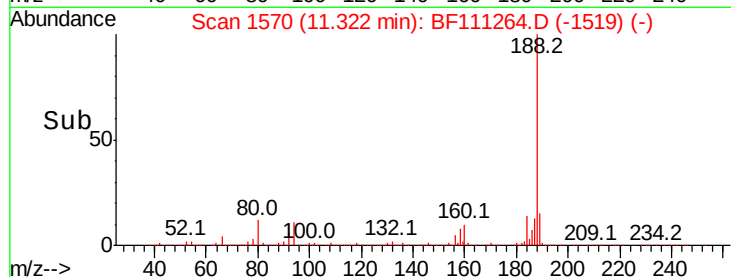
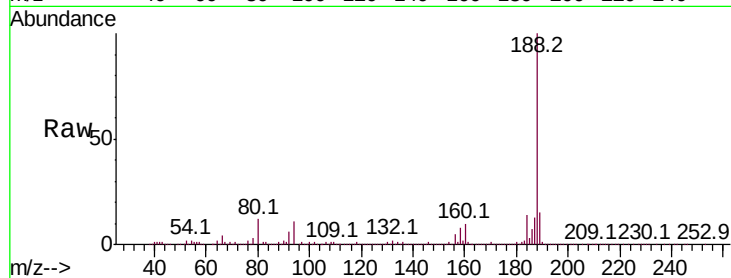
Tot Ion:188 Resp: 1019610

Ion Ratio Lower Upper

188 100

94 11.3 9.6 14.4

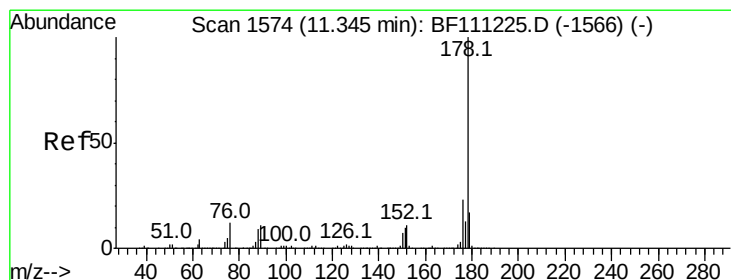
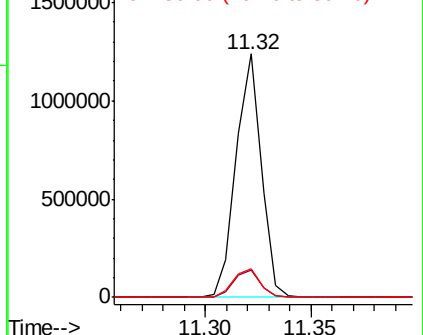
80 11.8 9.8 14.6



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: 2.374 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

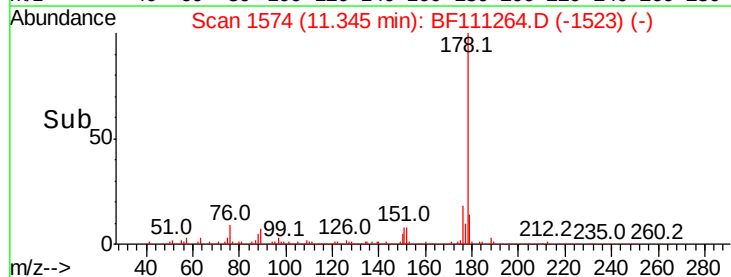
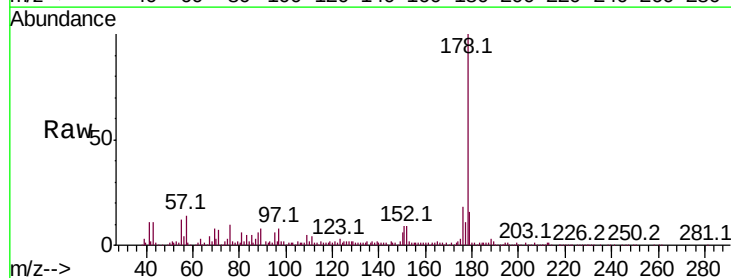
Tgt Ion:178 Resp: 122109

Ion Ratio Lower Upper

178 100

176 18.4 18.1 27.1

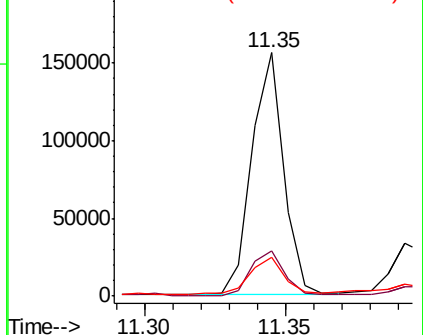
179 15.7 14.0 21.0

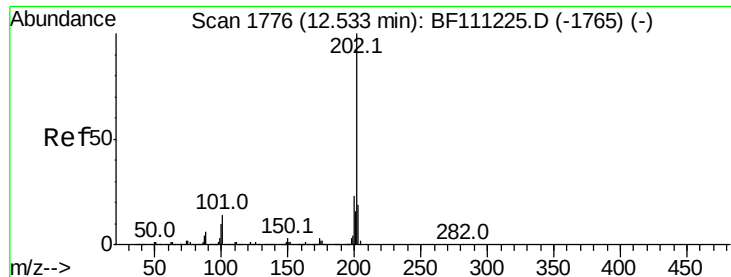


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.450 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

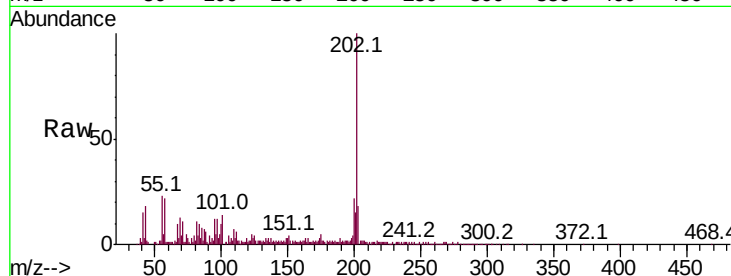
Tot Ion:202 Resp: 162072

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.8

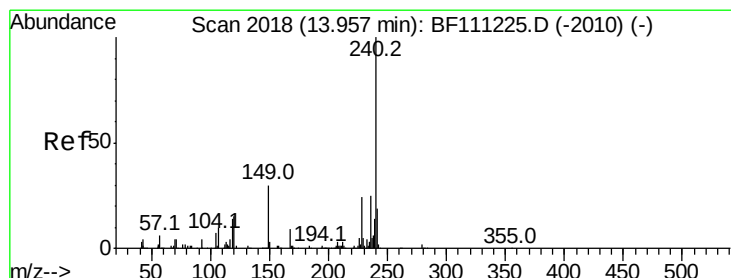
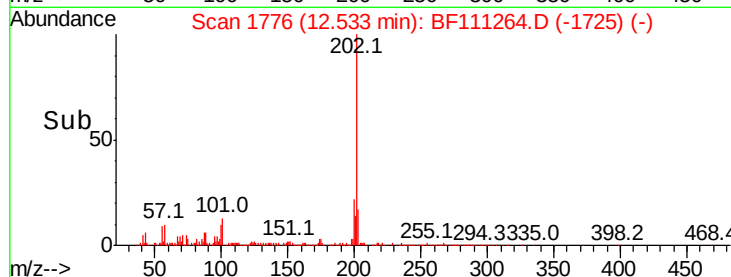
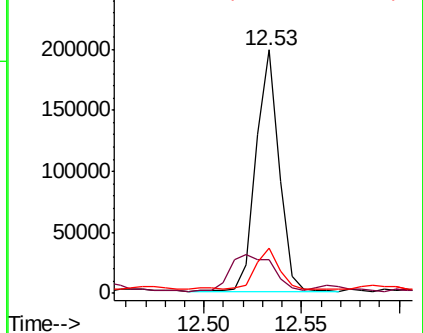
203 18.5 0.0 38.6



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: BF111264.D

Acq: 11 Dec 2018 1:21

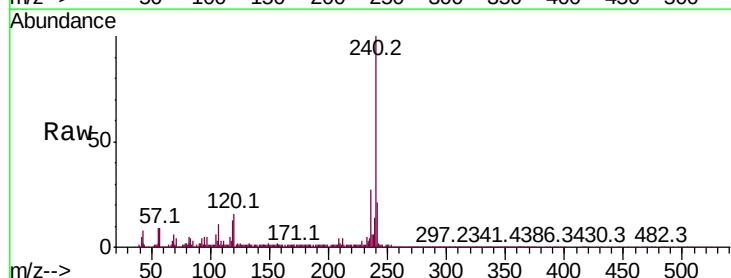
Tgt Ion:240 Resp: 699562

Ion Ratio Lower Upper

240 100

120 15.7 12.2 18.2

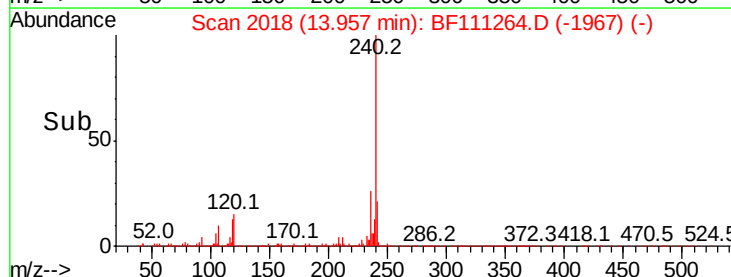
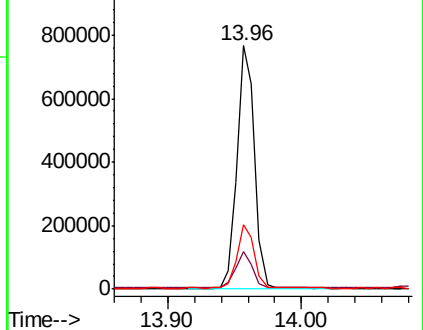
236 26.5 20.2 30.2

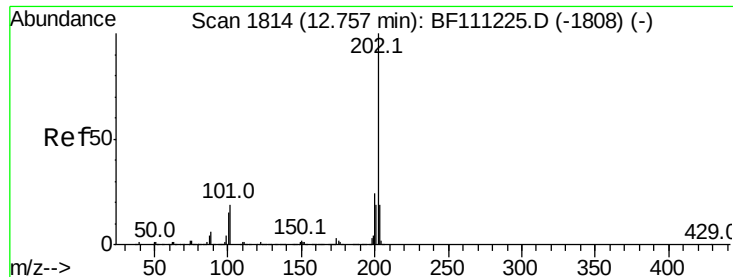


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.402 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-B

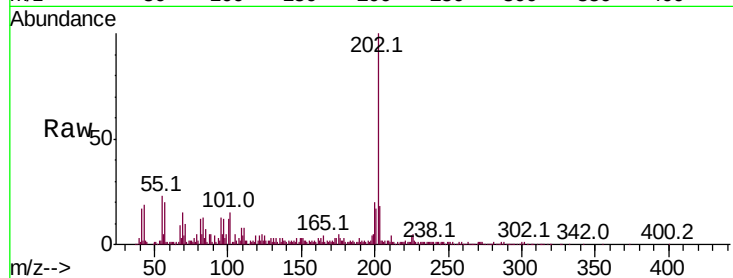
Tot Ion:202 Resp: 170079

Ion Ratio Lower Upper

202 100

200 19.8 19.0 28.4

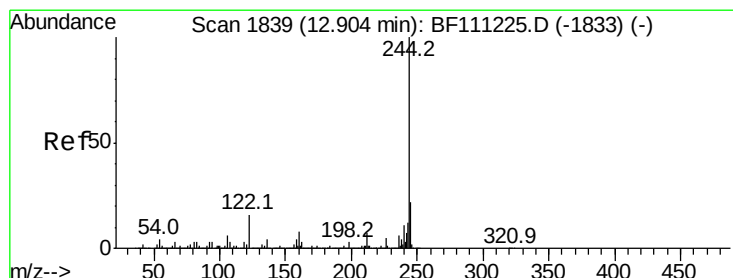
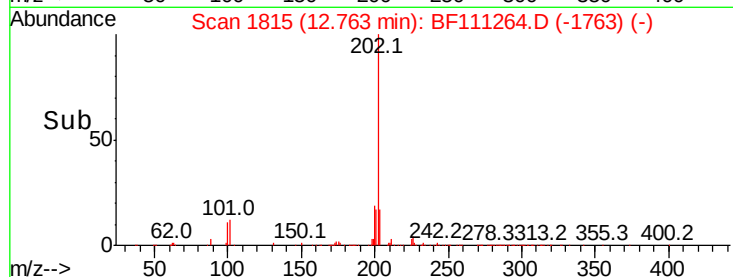
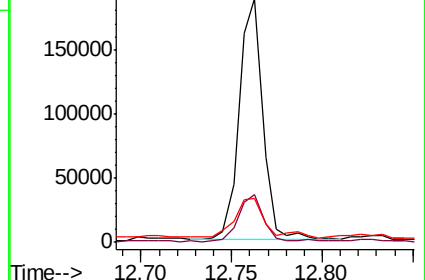
203 18.3 15.2 22.8



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: 41.846 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111264.D

Acq: 11 Dec 2018 1:21

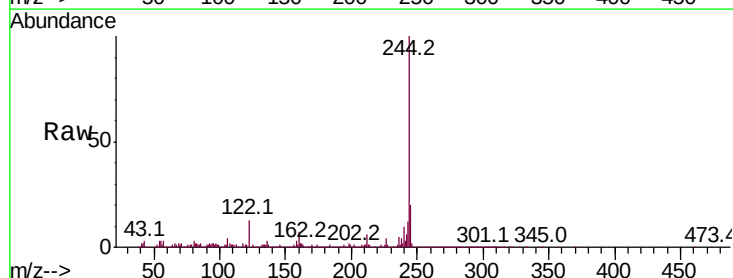
Tgt Ion:244 Resp: 1220449

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

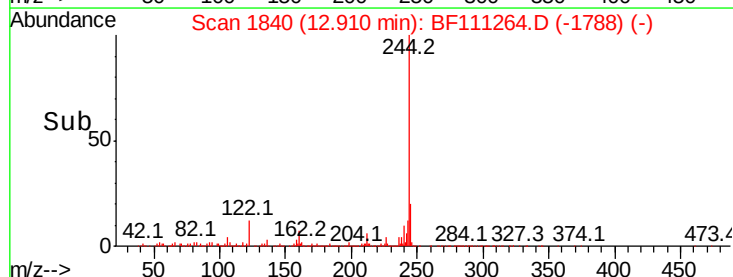
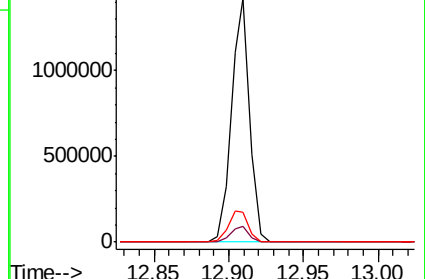
122 12.5 13.1 19.7#

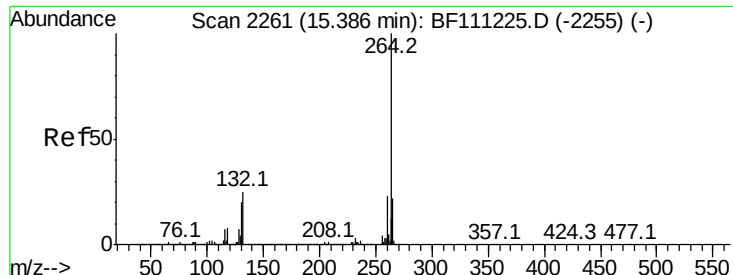


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111264.D
Acq: 11 Dec 2018 1:21

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

Tot Ion:	264	Resp:	411827
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.6	17.7	26.5

