

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111265.D
 Acq On : 11 Dec 2018 1:48
 Operator : JU/SJ
 Sample : J6196-05 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 11 06:34:29 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	426017	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1504501	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	510806	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	700324	20.00	ng	0.00
76) Chrysene-d12	13.96	240	579885	20.00	ng	0.00
87) Perylene-d12	15.40	264	380914	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	629161	23.32	ng	0.00
7) Phenol-d6	6.42	99	780676	23.28	ng	-0.01
23) Nitrobenzene-d5	7.36	82	402010	14.99	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	91238	20.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	597927	13.50	ng	0.00
79) Terphenyl-d14	12.90	244	434854	17.99	ng	0.00

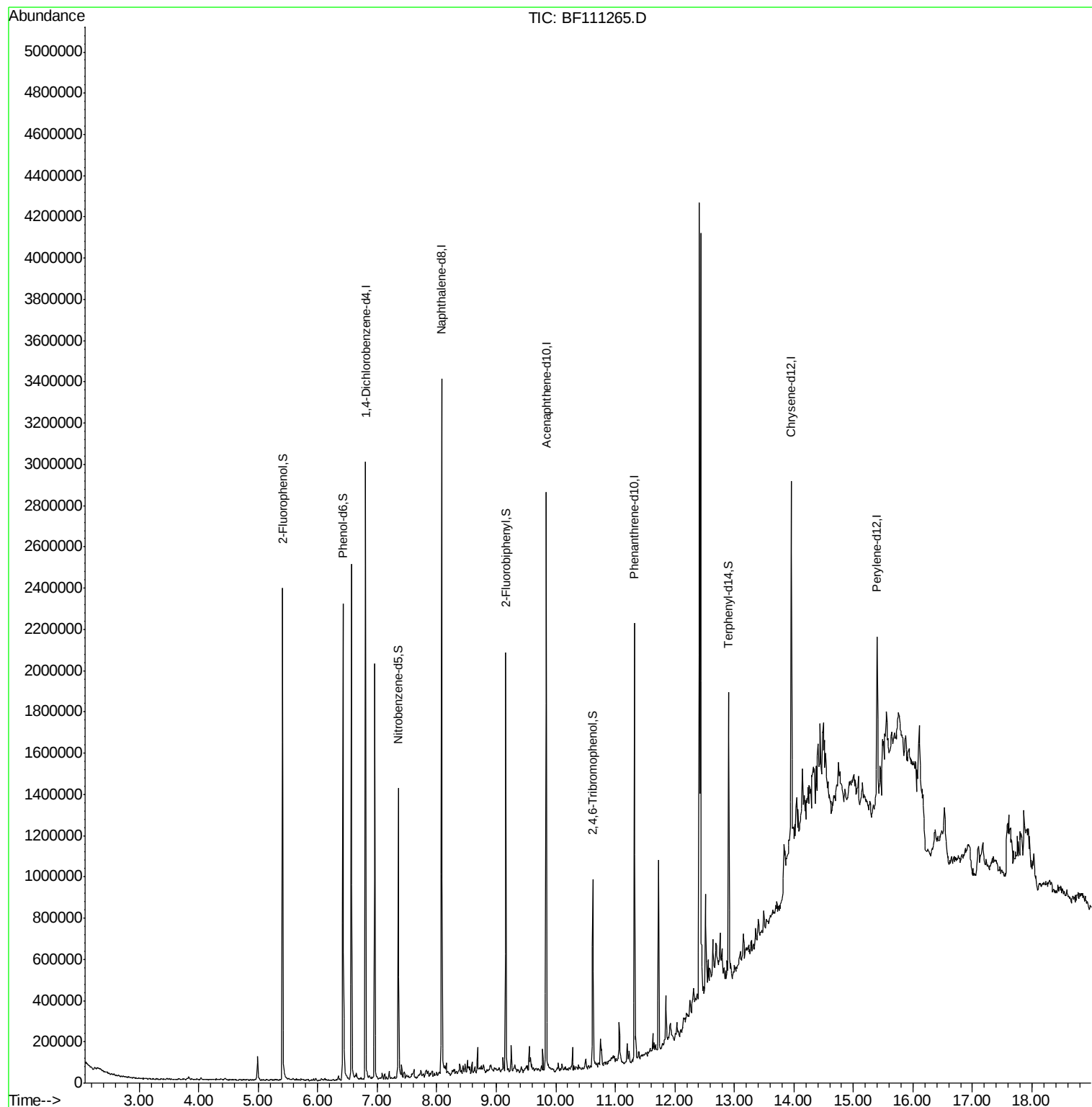
Target Compounds Qvalue

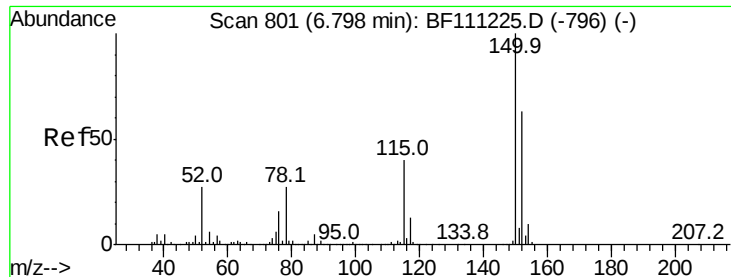
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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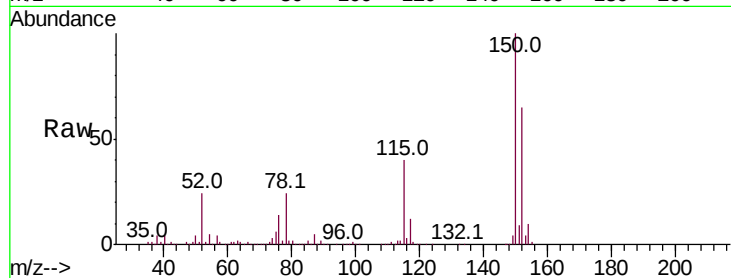


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	61.4	50.7	76.1

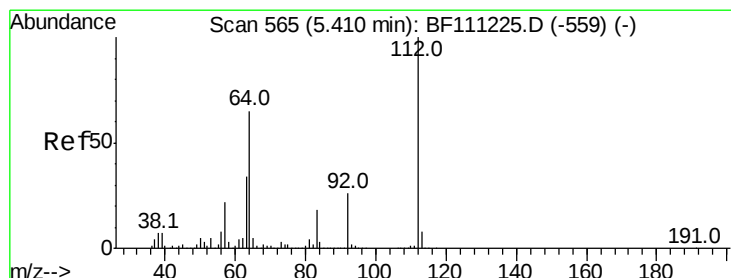
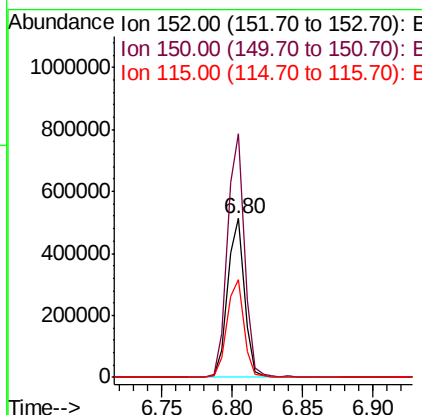
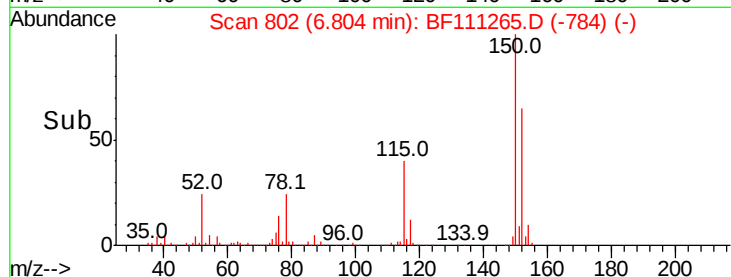


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

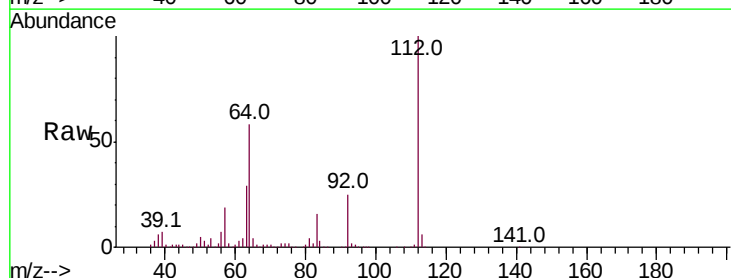
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.320 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	29.1	26.8	40.2

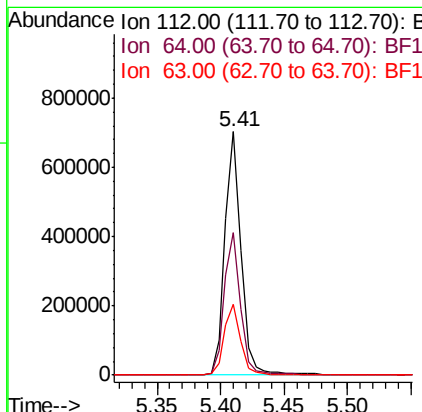
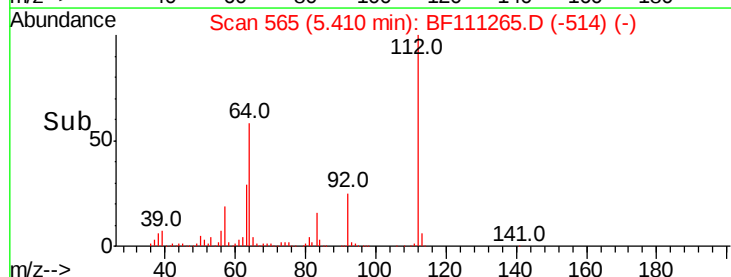


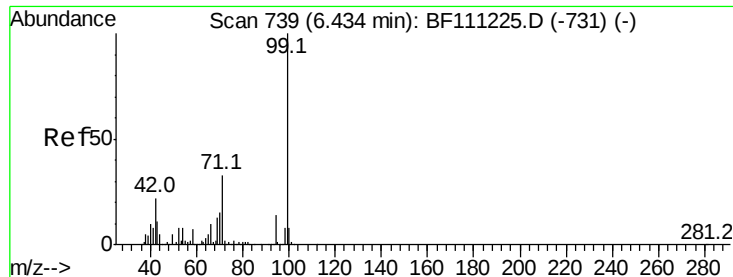
Abundance

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: 23.284 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

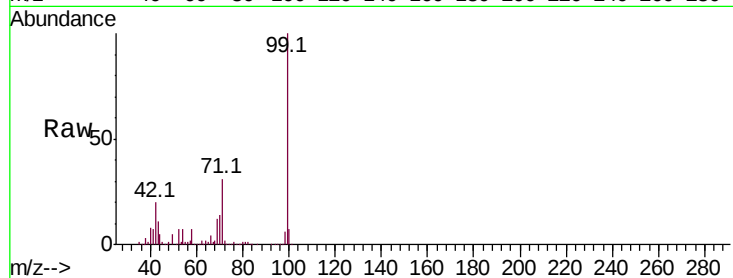
Tot Ion: 99 Resp: 780676

Ion Ratio Lower Upper

99 100

42 20.4 17.4 26.0

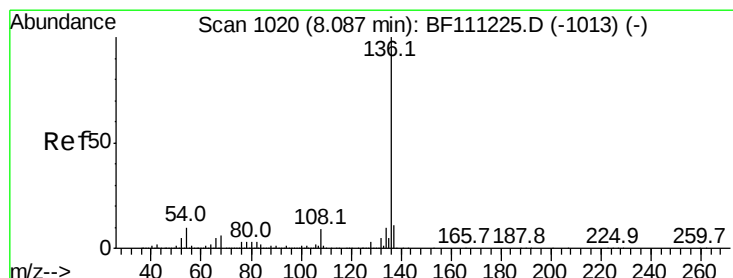
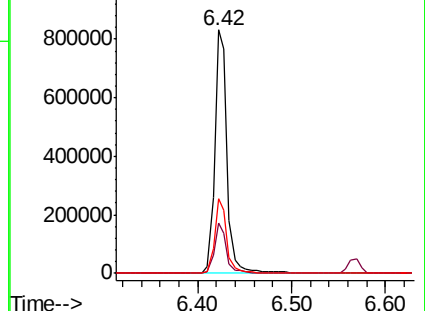
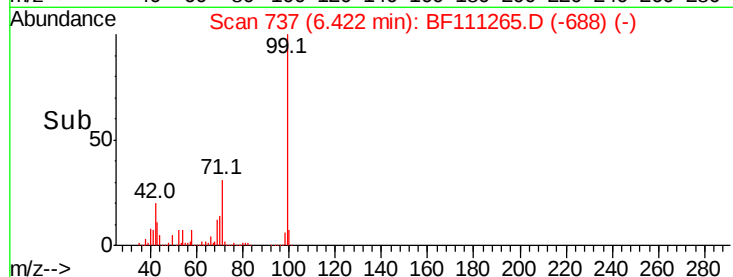
71 30.6 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Tgt Ion: 136 Resp: 1504501

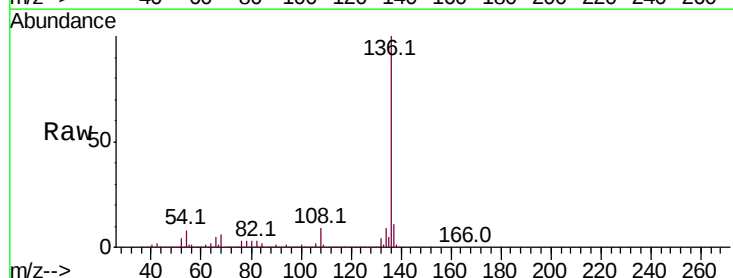
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 7.7 11.5

68 5.8 4.9 7.3

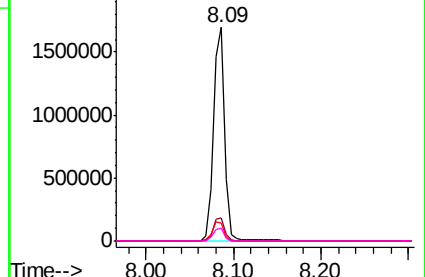
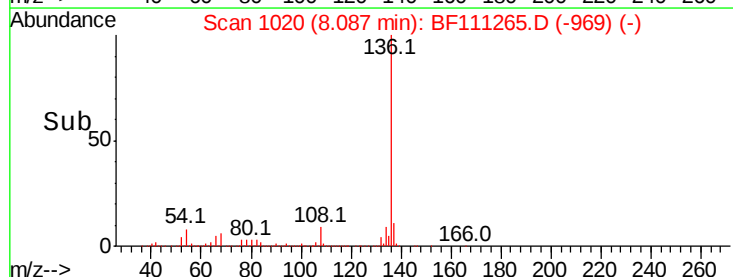


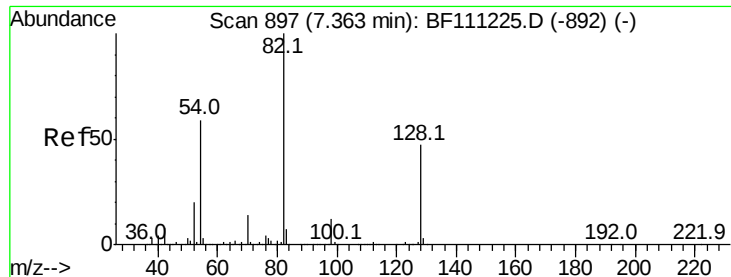
Abundance Ion 136.00 (135.70 to 136.70): E

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

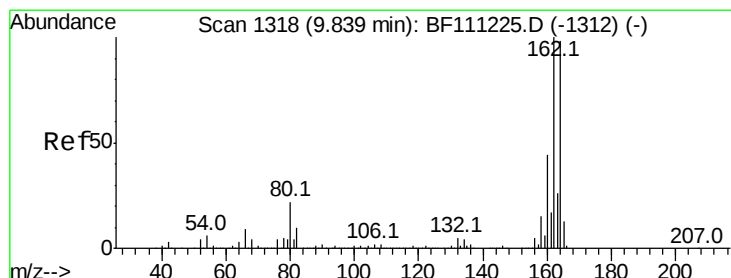
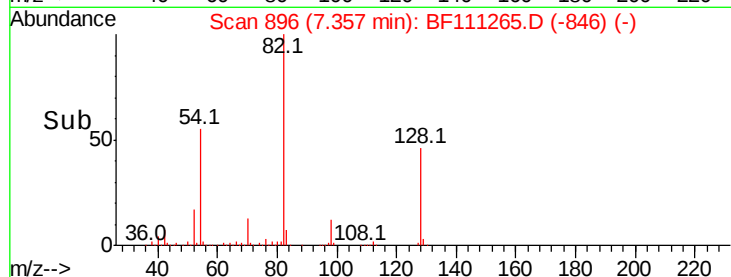
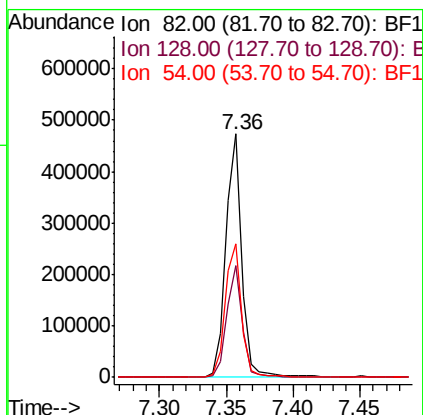
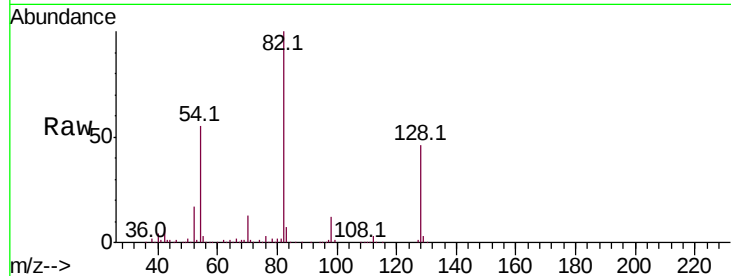




#23
Nitrobenzene-d5
Concen: 14.987 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

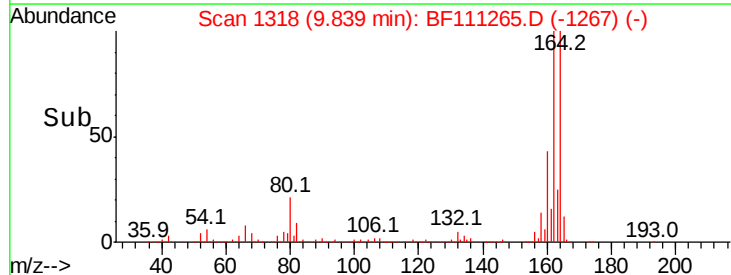
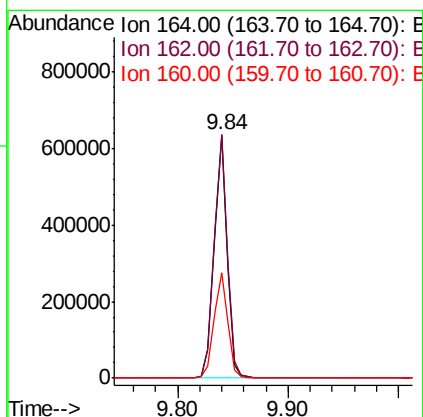
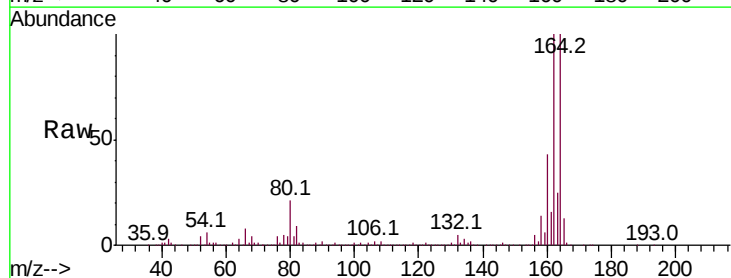
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-C

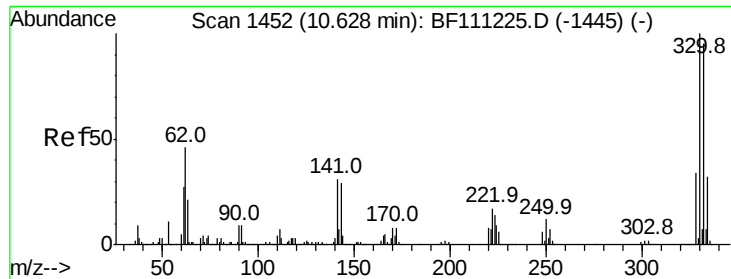
Tot Ion: 82 Resp: 402010
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.2
54 54.8 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Tgt Ion:164 Resp: 510806
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.6 35.7 53.5

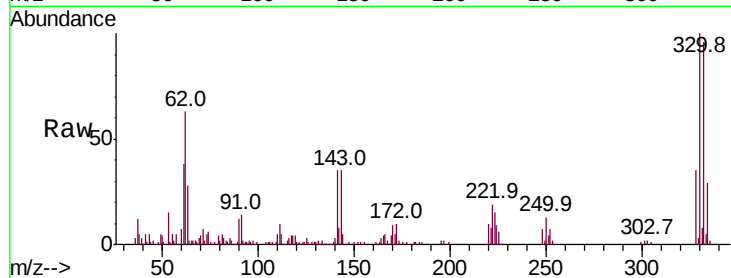




#42
 2,4,6-Tribromophenol
 Concen: 20.164 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111265.D
 Acq: 11 Dec 2018 1:48

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.0	114.0
141	36.4	31.0	46.6

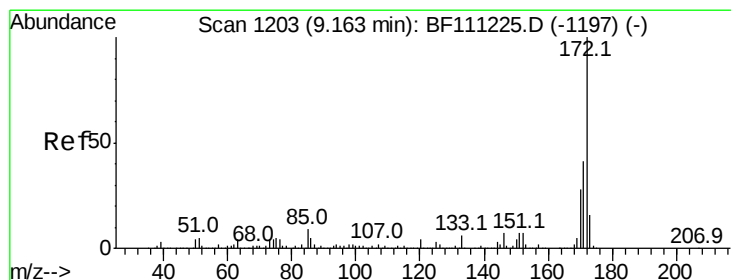
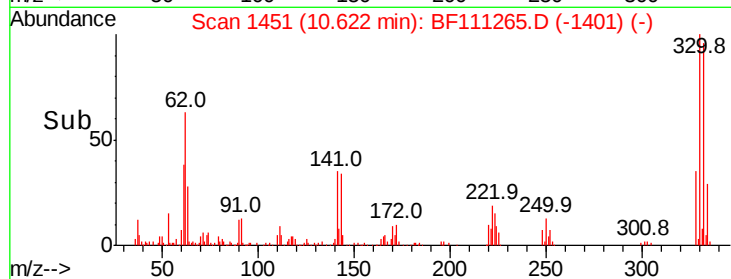
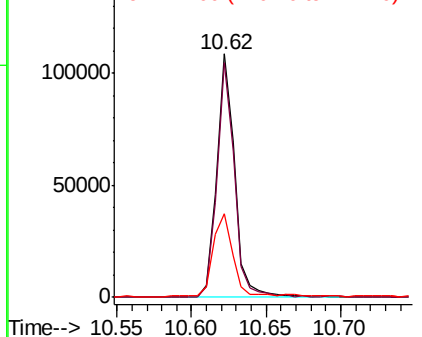


Abundance

Ion 329.80 (329.50 to 330.50): E

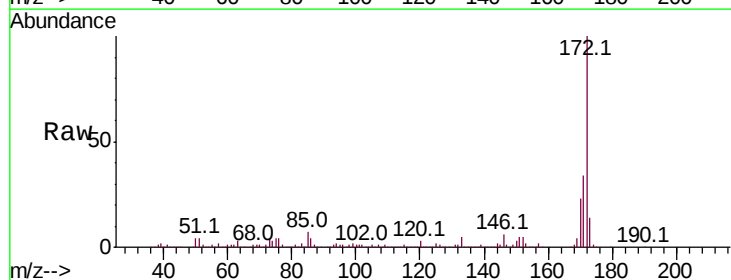
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.500 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111265.D
 Acq: 11 Dec 2018 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	33.0	49.4
170	23.1	22.3	33.5

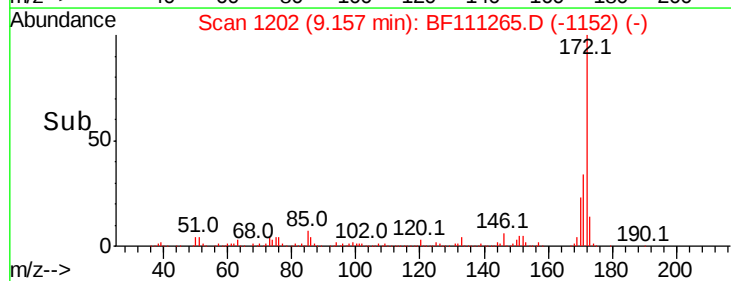
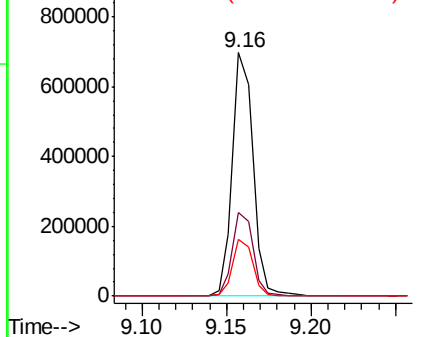


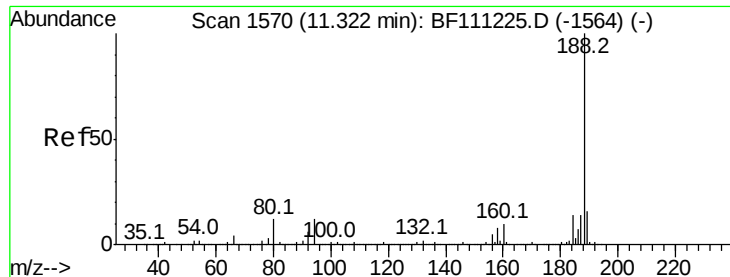
Abundance

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

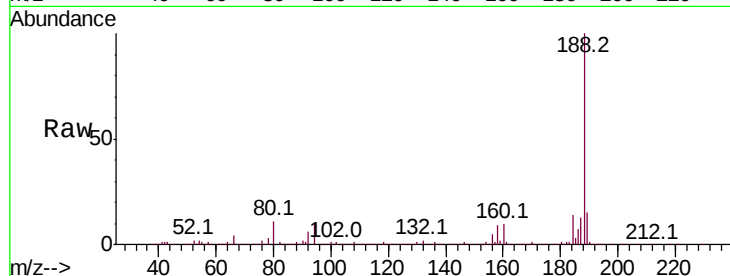




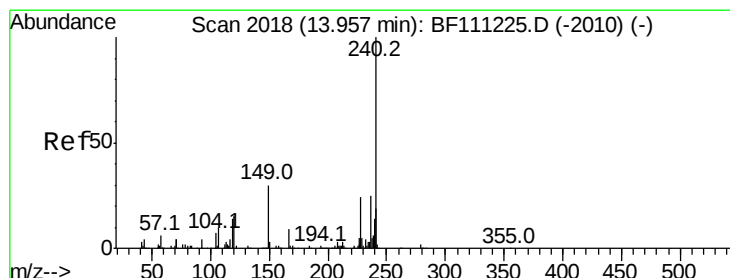
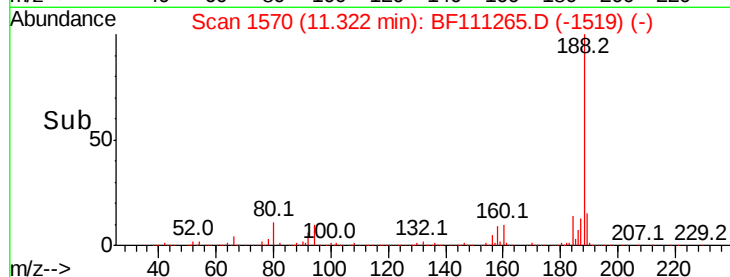
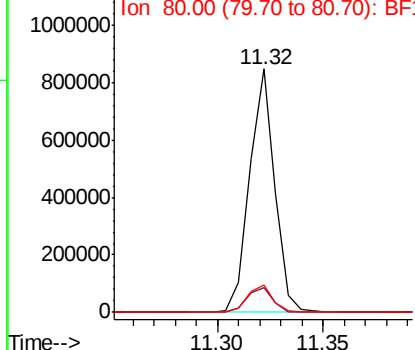
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

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

Tot Ion:188 Resp: 700324
Ion Ratio Lower Upper
188 100
94 10.3 9.6 14.4
80 11.1 9.8 14.6

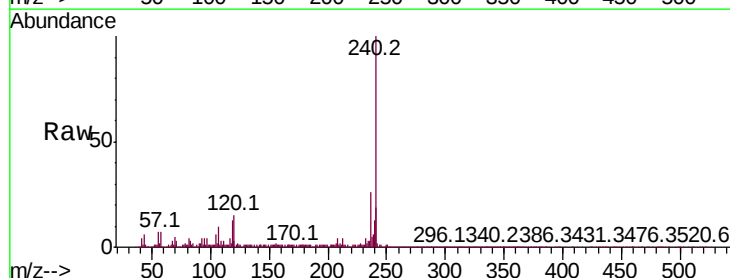


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

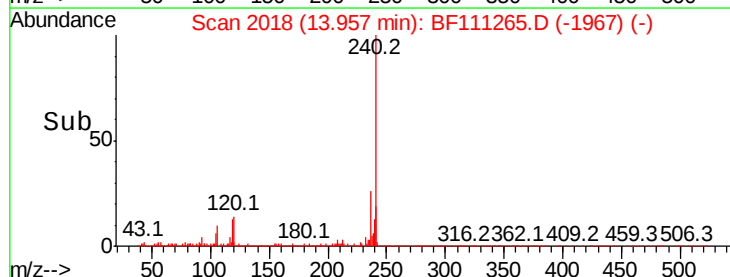
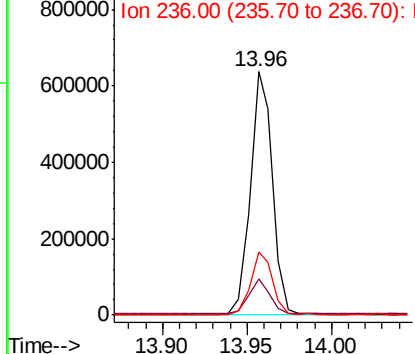


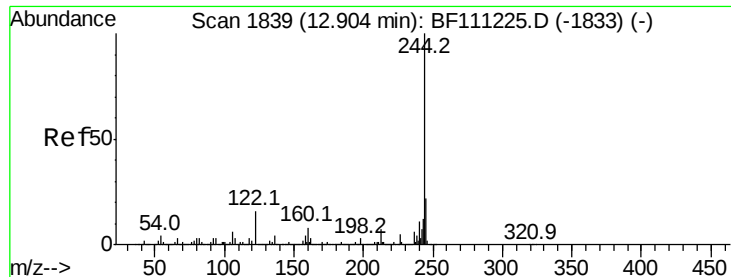
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111265.D
Acq: 11 Dec 2018 1:48

Tgt Ion:240 Resp: 579885
Ion Ratio Lower Upper
240 100
120 14.7 12.2 18.2
236 25.9 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





#79

Terphenyl-d14

Concen: 17.987 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

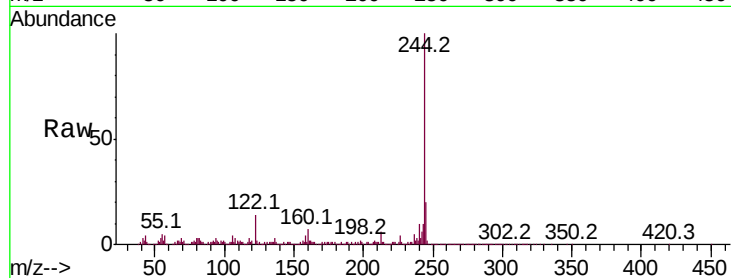
Tot Ion:244 Resp: 434854

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

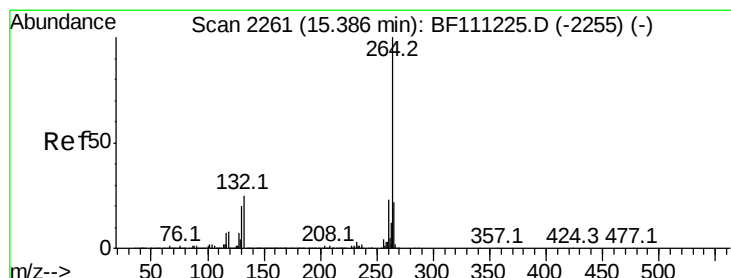
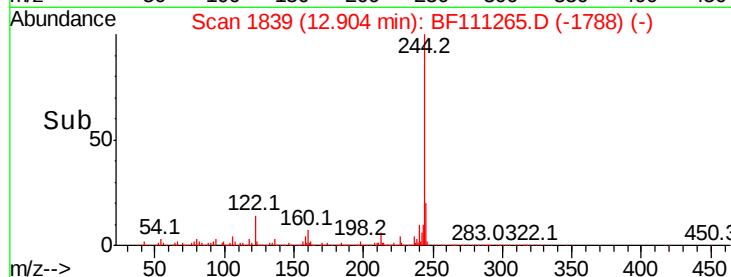
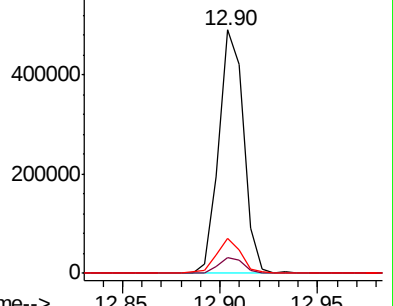
122 14.3 13.1 19.7



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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111265.D

Acq: 11 Dec 2018 1:48

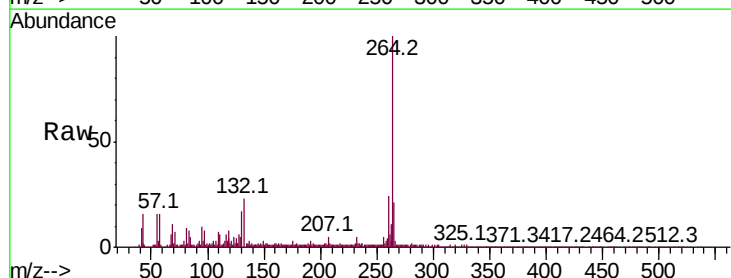
Tgt Ion:264 Resp: 380914

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.4 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

