

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111278.D
 Acq On : 11 Dec 2018 14:59
 Operator : JU/SJ
 Sample : J6196-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 11 17:35:40 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	376777	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1469293	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	588588	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	856726	20.00	ng	0.00
76) Chrysene-d12	13.96	240	466167	20.00	ng	0.00
87) Perylene-d12	15.40	264	344653	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	558697	23.41	ng	0.00
7) Phenol-d6	6.42	99	710968	23.98	ng	-0.01
23) Nitrobenzene-d5	7.35	82	394888	15.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	96332	18.48	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	670902	13.02	ng	0.00
79) Terphenyl-d14	12.90	244	364151	18.74	ng	0.00

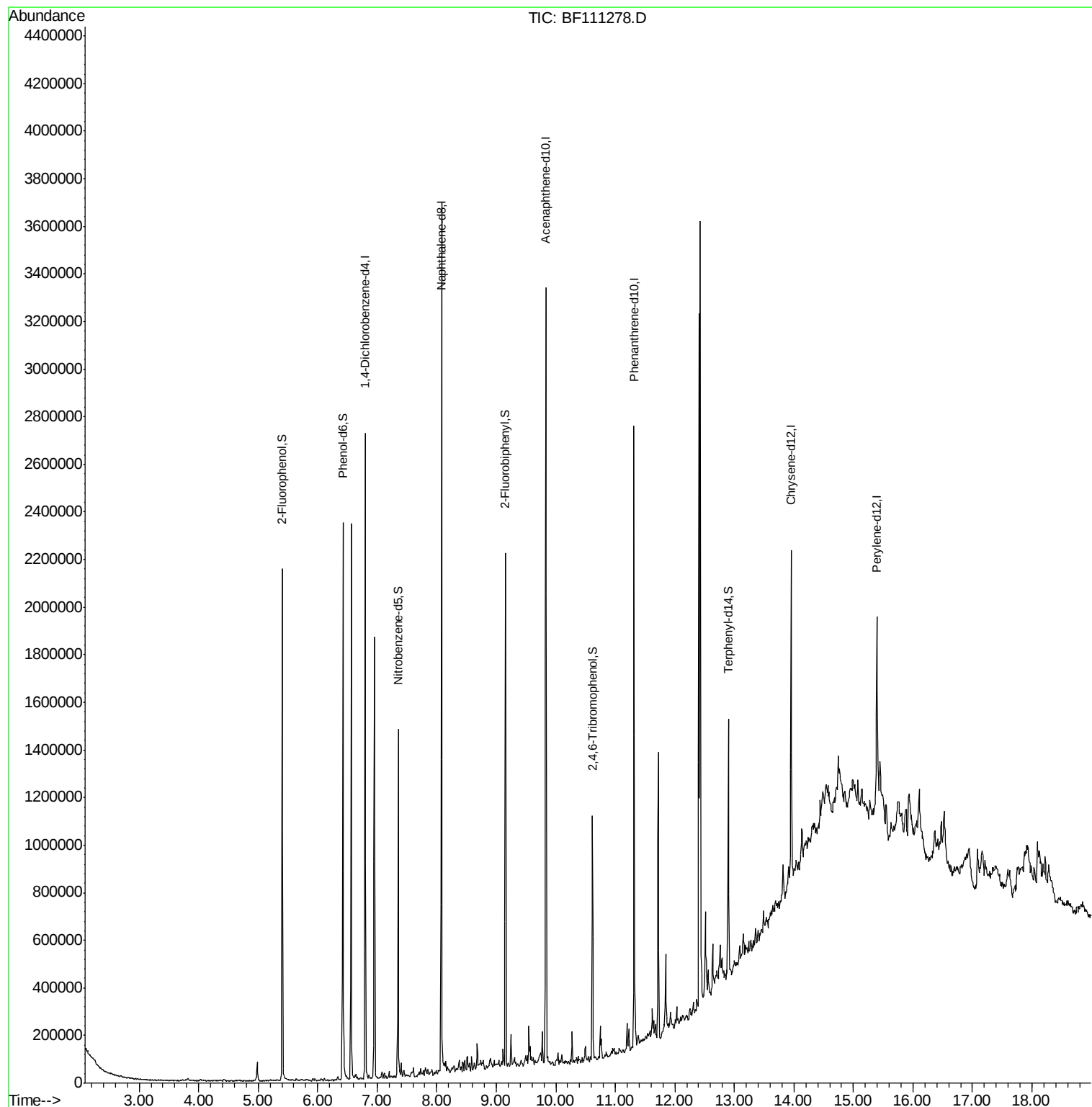
Target Compounds Qvalue

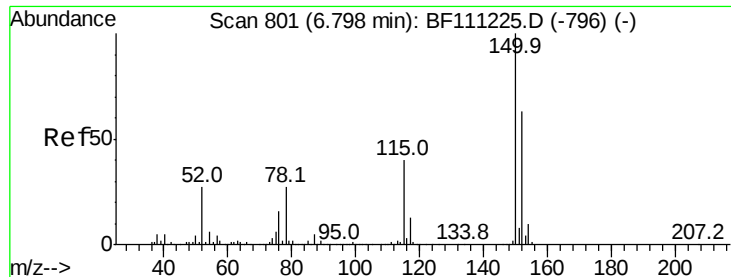
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 11 17:35:40 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



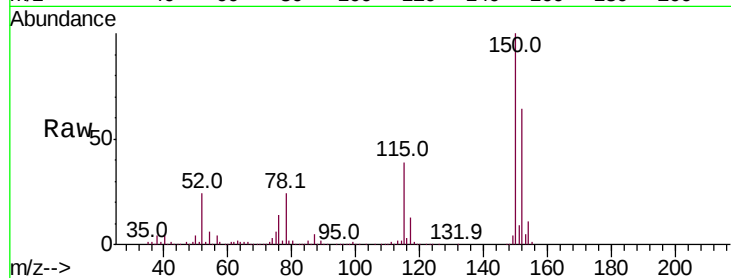


#1

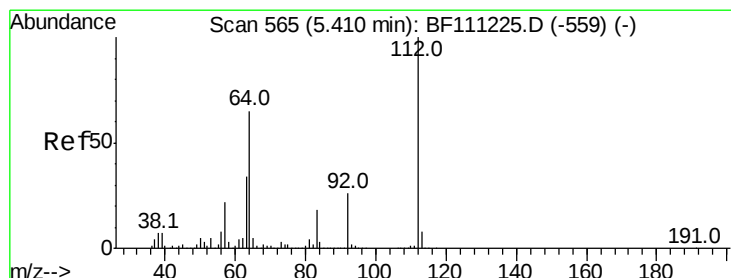
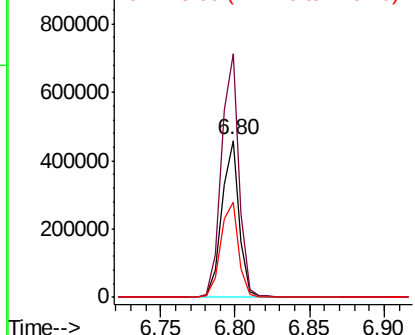
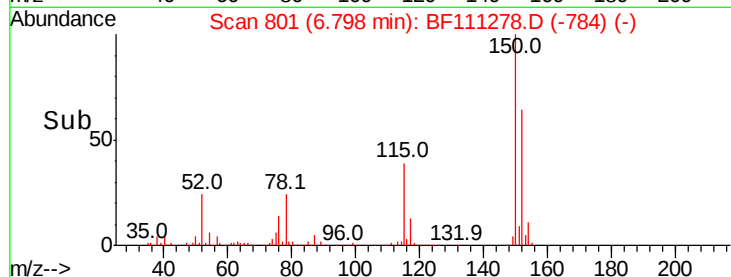
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	60.6	50.7	76.1



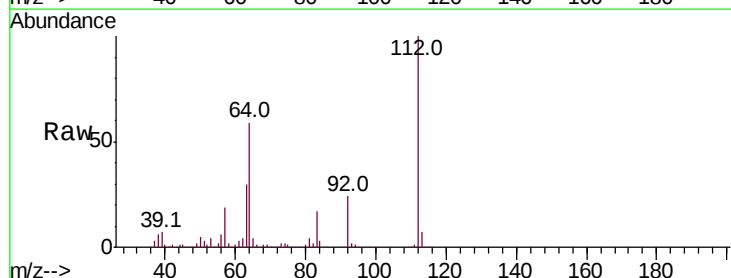
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



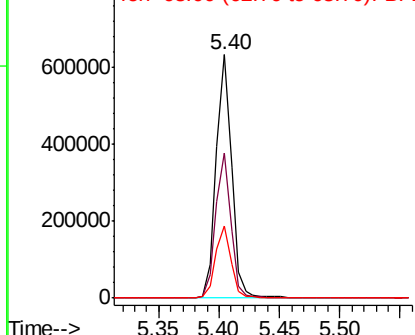
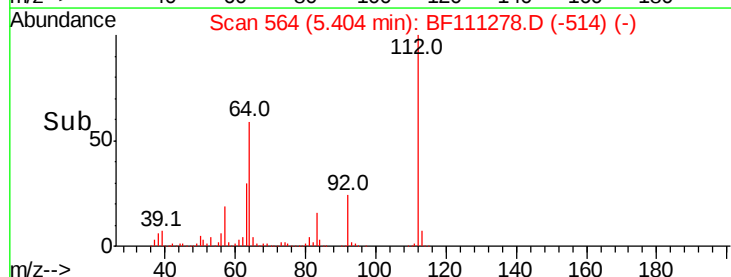
#5

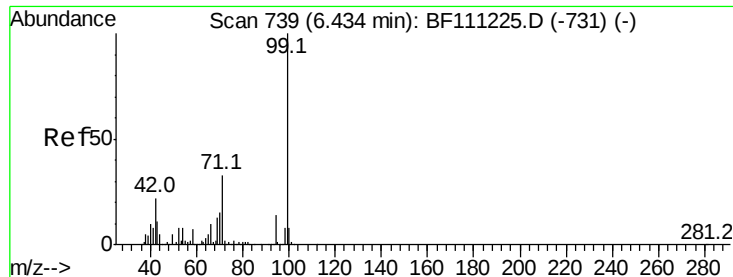
2-Fluorophenol
Concen: 23.415 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111278.D
Acq: 11 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	29.7	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: 23.976 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

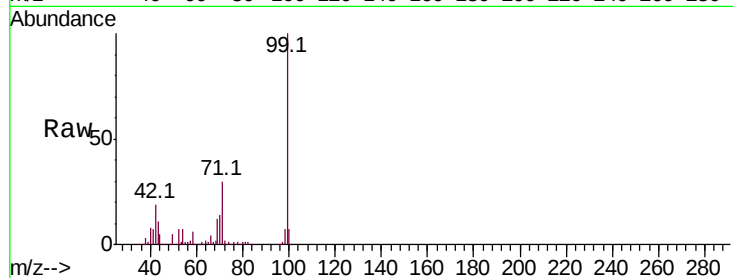
Tot Ion: 99 Resp: 710968

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

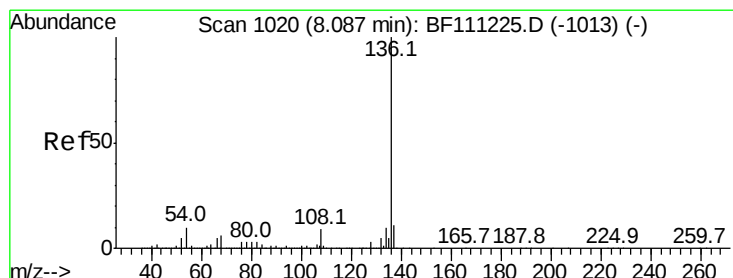
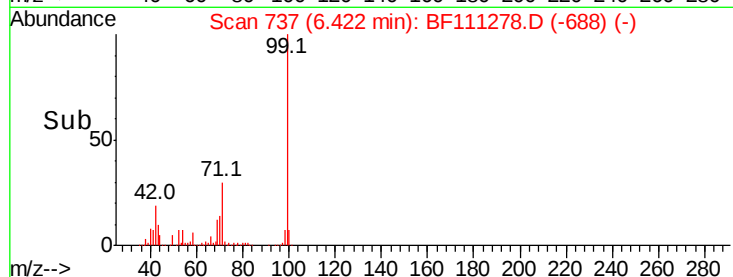
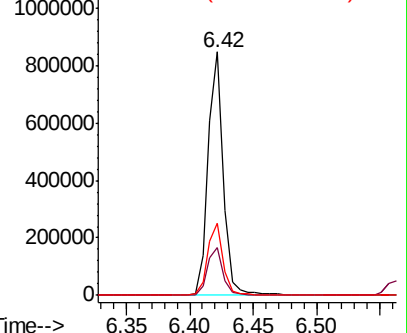
71 29.8 26.1 39.1



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Tgt Ion: 136 Resp: 1469293

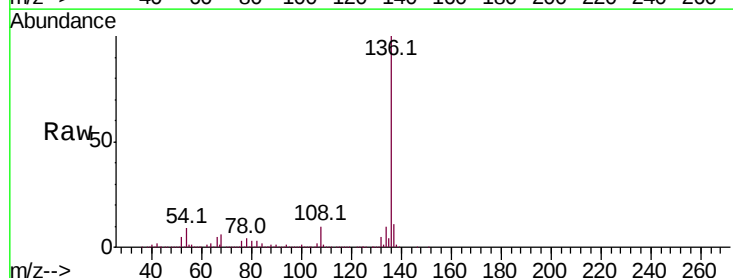
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 7.7 11.5

68 5.9 4.9 7.3

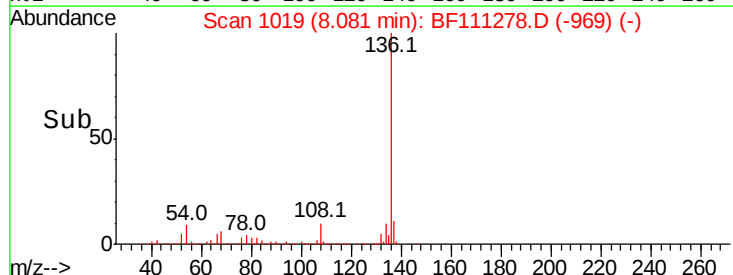
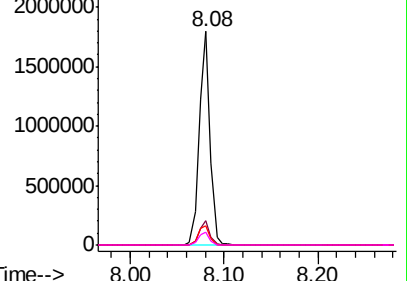


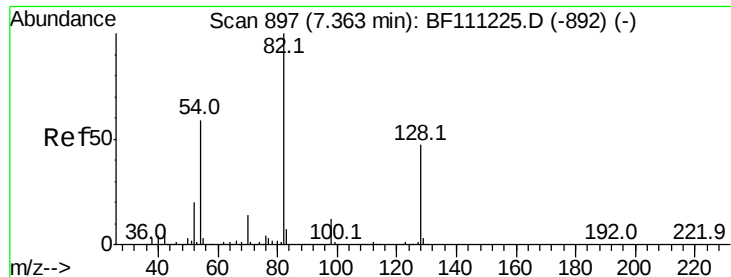
Abundance Ion 136.00 (135.70 to 136.70): E

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

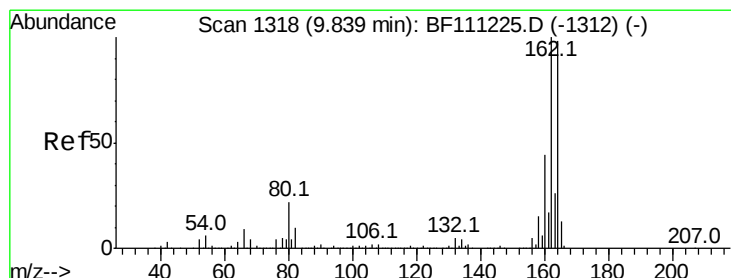
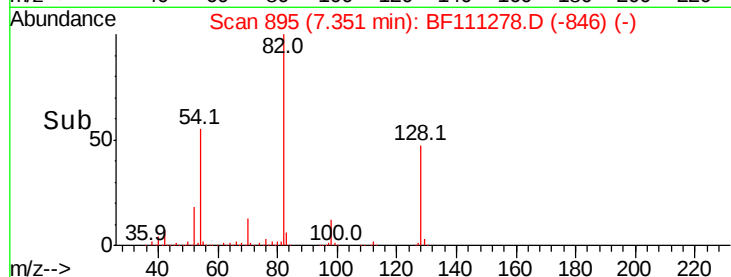
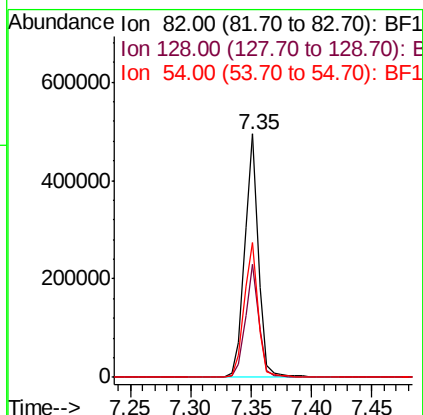
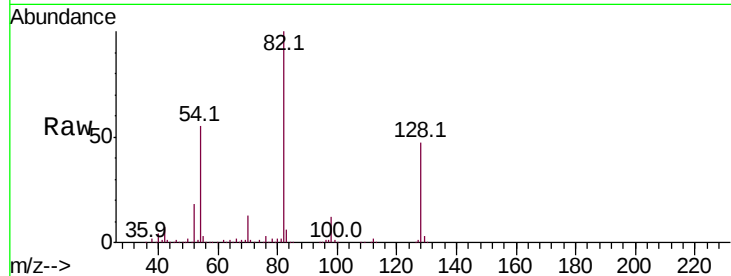




#23
 Nitrobenzene-d5
 Concen: 15.074 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

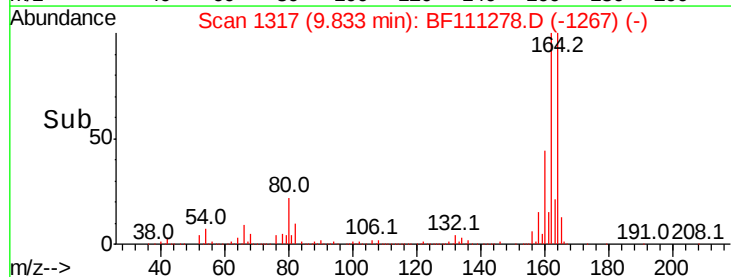
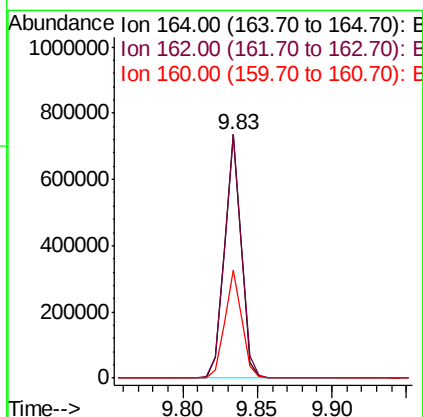
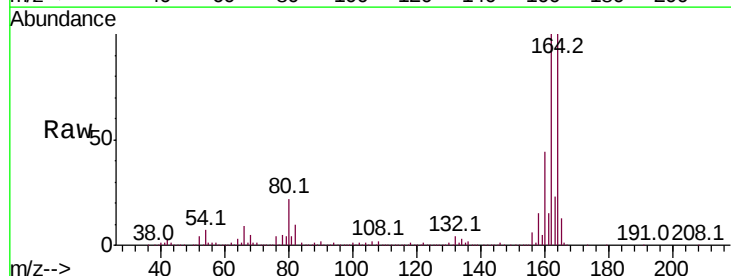
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-C

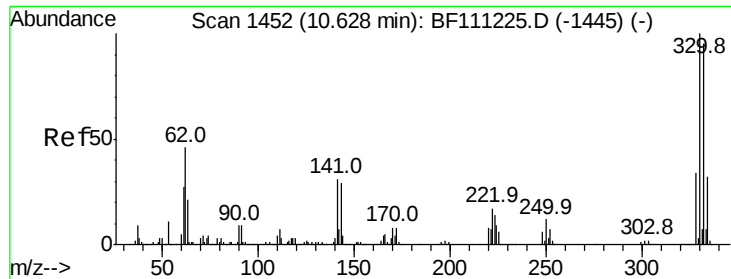
Tot Ion	82	Resp	394888
Ion Ratio	Lower	Upper	
82	100		
128	46.5	37.4	56.2
54	55.2	47.6	71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

Tgt Ion	164	Resp	588588
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.4	122.0
160	44.2	35.7	53.5

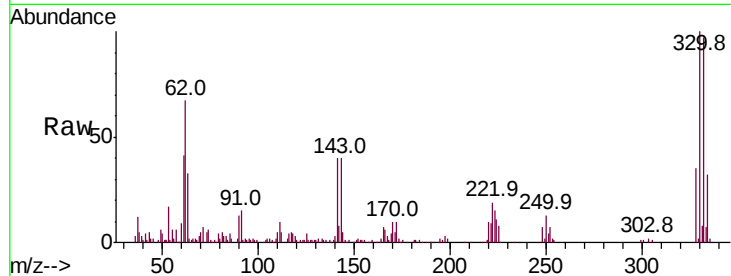




#42
 2,4,6-Tribromophenol
 Concen: 18.476 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.0	114.0
141	41.6	31.0	46.6

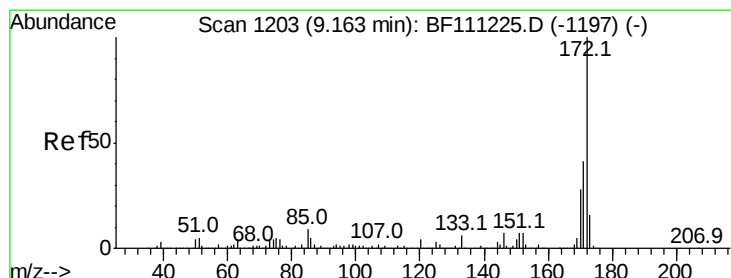
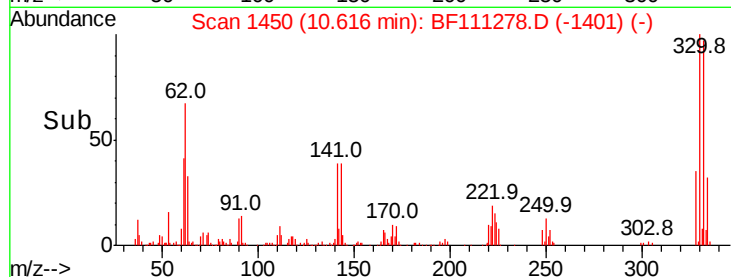
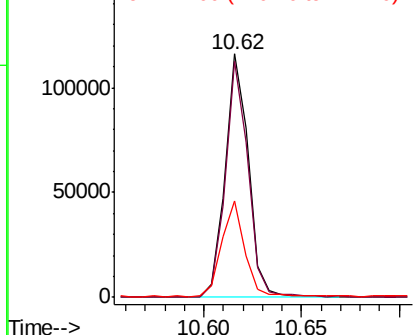


Abundance

Ion 329.80 (329.50 to 330.50): E

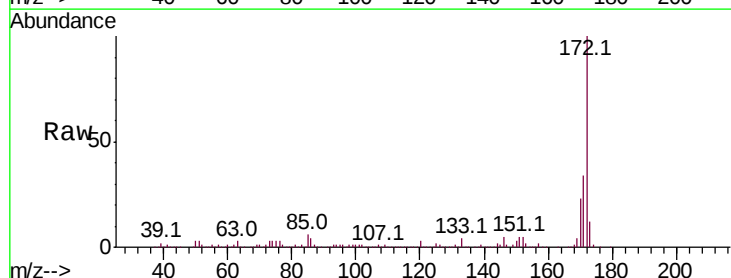
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.021 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	22.9	22.3	33.5

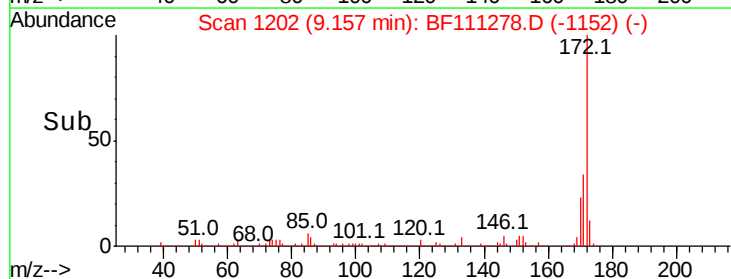
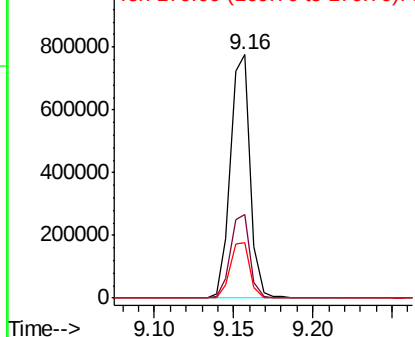


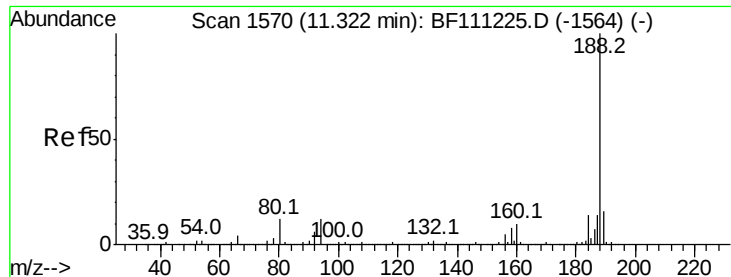
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-C

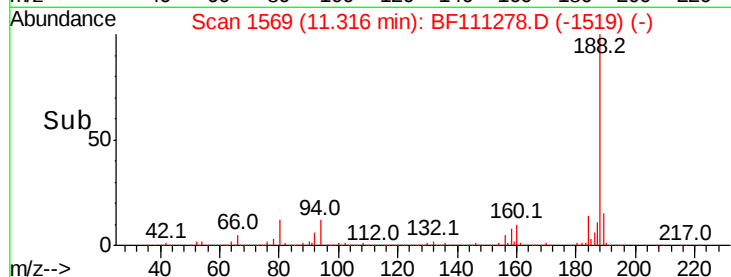
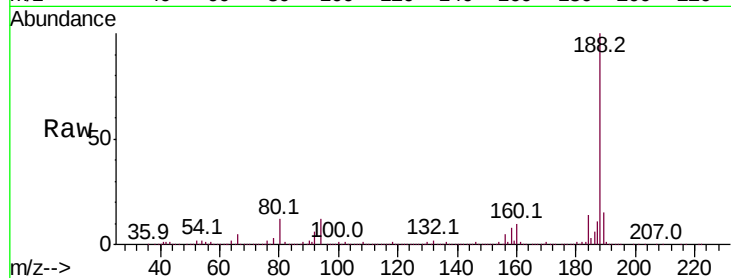
Tot Ion:188 Resp: 856726

Ion Ratio Lower Upper

188 100

94 11.7 9.6 14.4

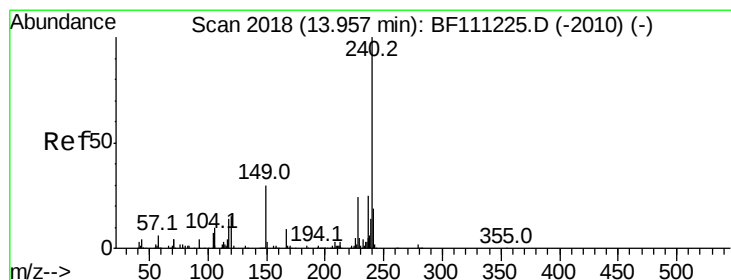
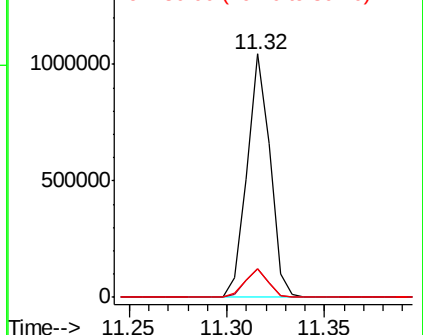
80 11.9 9.8 14.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111278.D

Acq: 11 Dec 2018 14:59

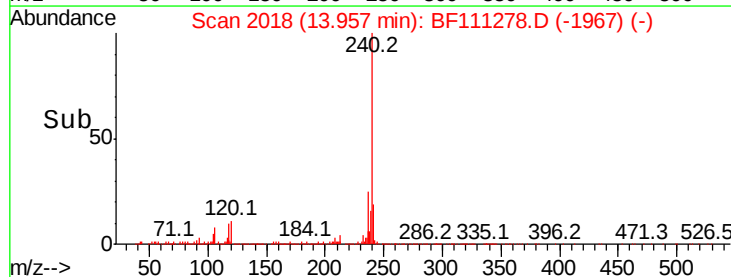
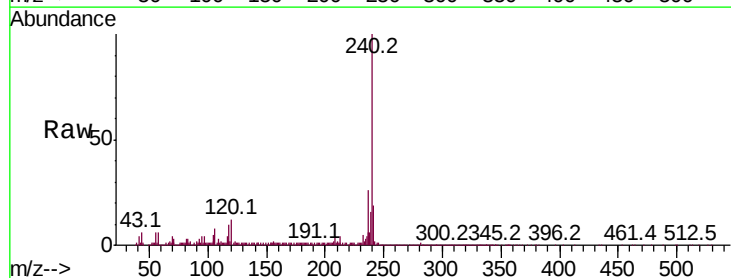
Tgt Ion:240 Resp: 466167

Ion Ratio Lower Upper

240 100

120 11.9 12.2 18.2#

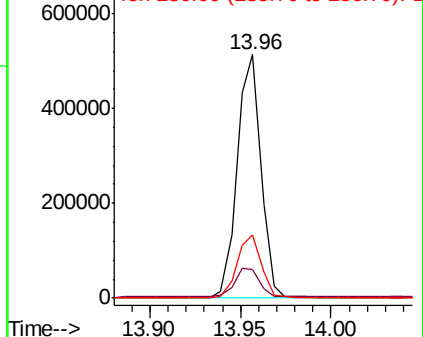
236 25.7 20.2 30.2

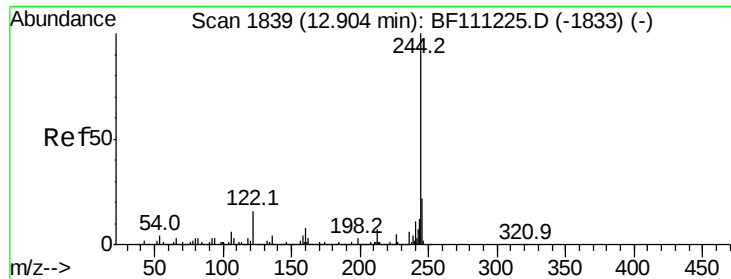


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

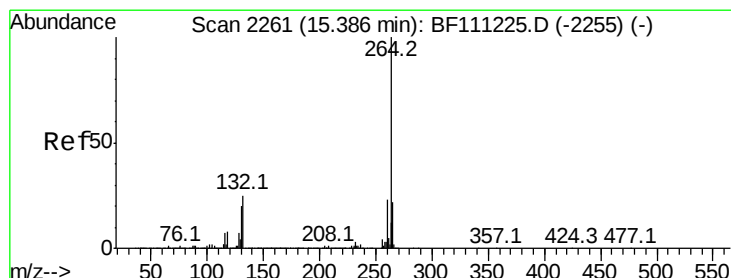
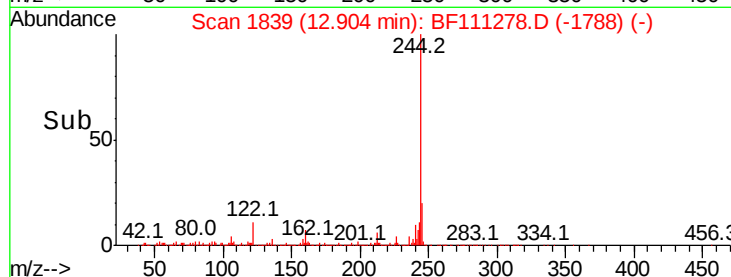
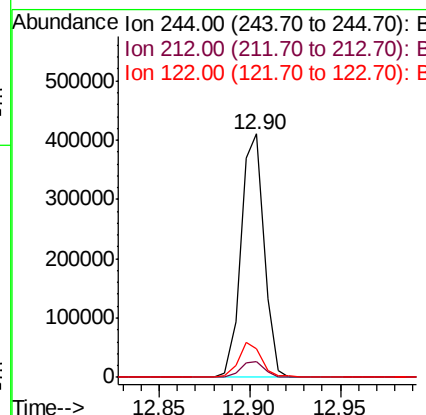
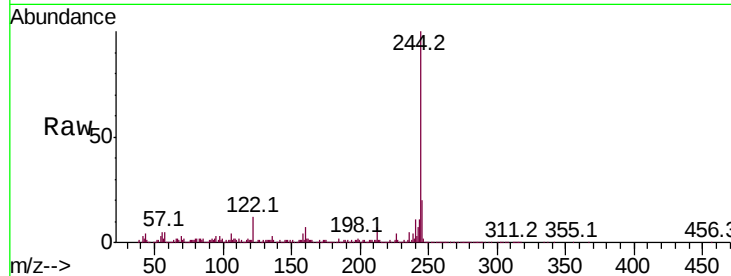




#79
 Terphenyl-d14
 Concen: 18.737 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.7	13.1	19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF111278.D
 Acq: 11 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.3	17.7	26.5

