

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113968.D
 Acq On : 24 Apr 2019 18:14
 Operator : JU/SJ
 Sample : K2200-09 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-042319-B

Quant Time: Apr 25 06:37:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	458609	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	221466	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	376146	20.00	ng	0.00
76) Chrysene-d12	14.06	240	334530	20.00	ng	-0.01
87) Perylene-d12	15.56	264	394683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	139765	19.74	ng	0.00
7) Phenol-d6	6.51	99	186589	21.01	ng	-0.01
23) Nitrobenzene-d5	7.45	82	105429	14.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	43500	16.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	213649	15.09	ng	-0.01
79) Terphenyl-d14	12.99	244	188066	11.53	ng	-0.01

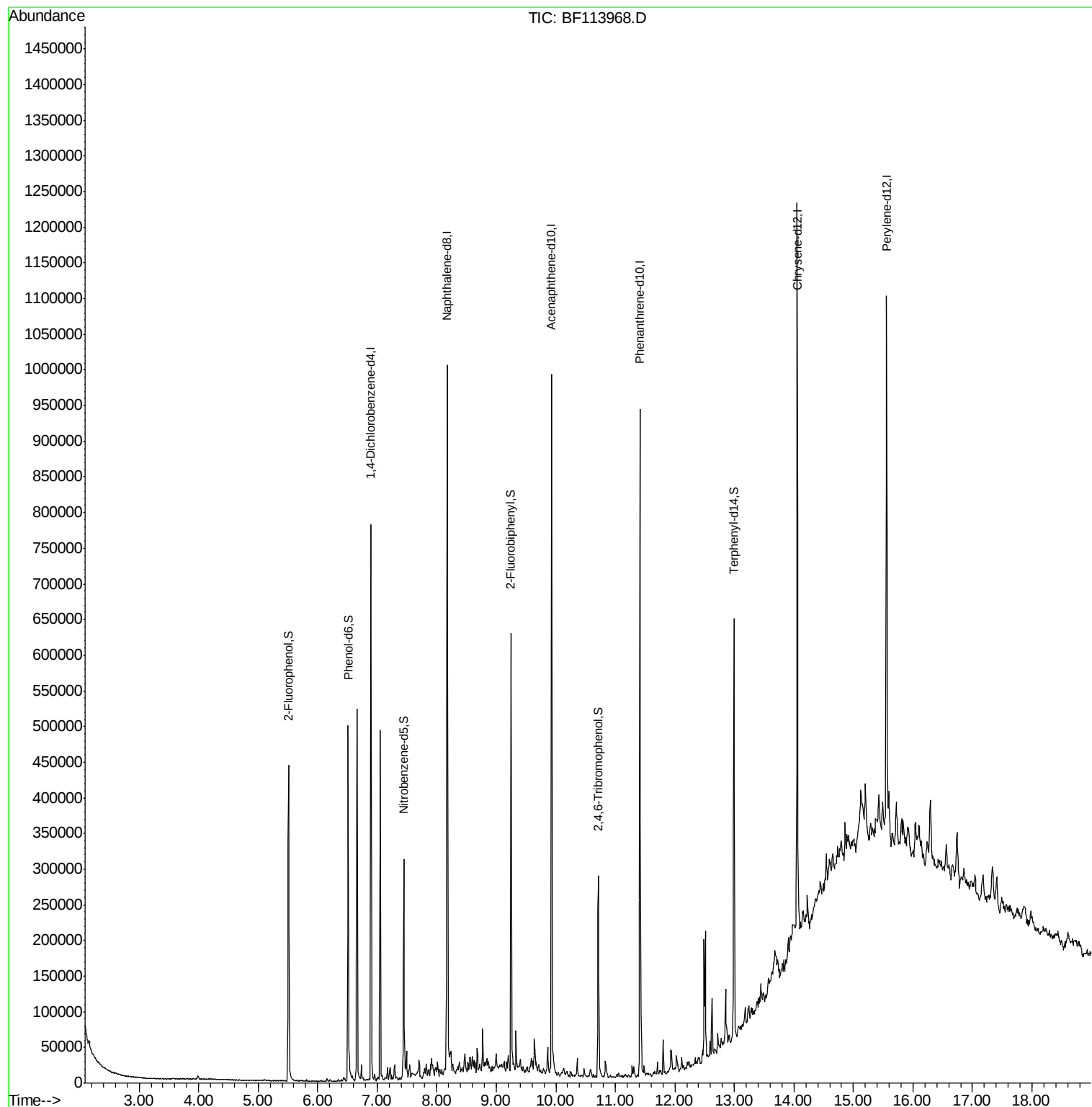
Target Compounds Qvalue

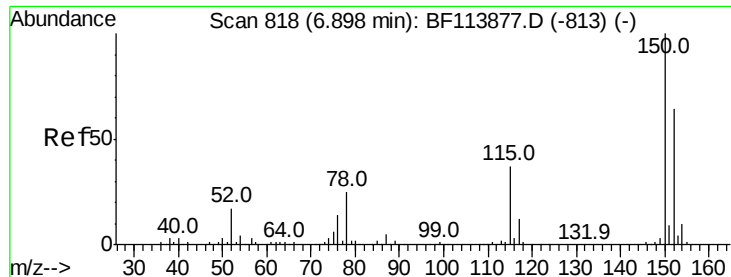
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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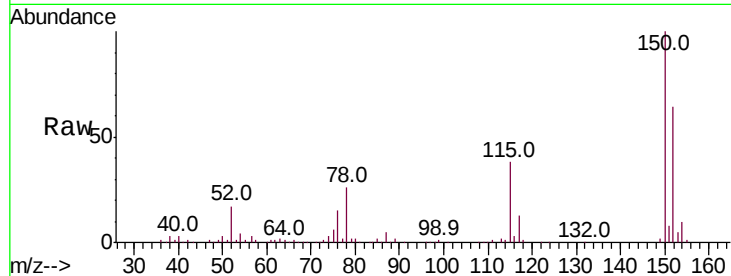


#1

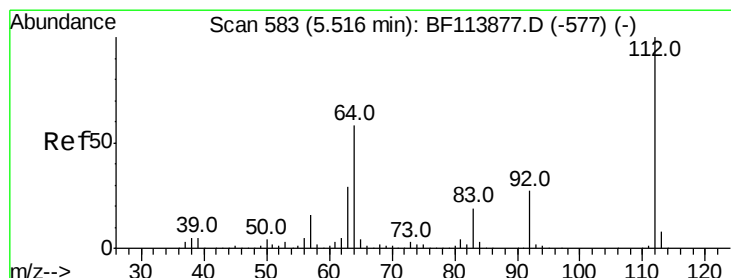
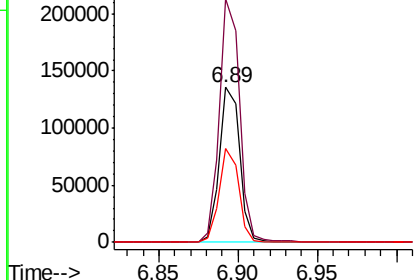
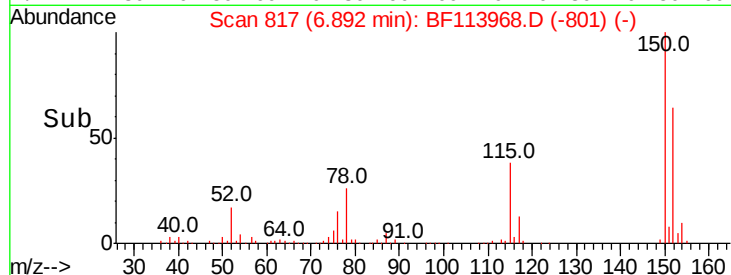
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :
EO-02-042319-B

Tot Ion:152 Resp: 121088
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 60.4 45.9 68.9



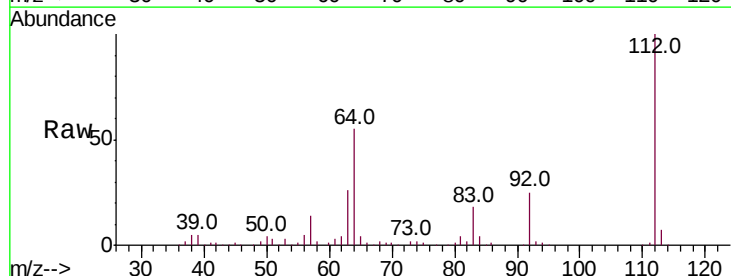
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



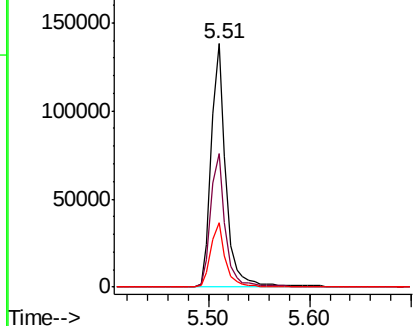
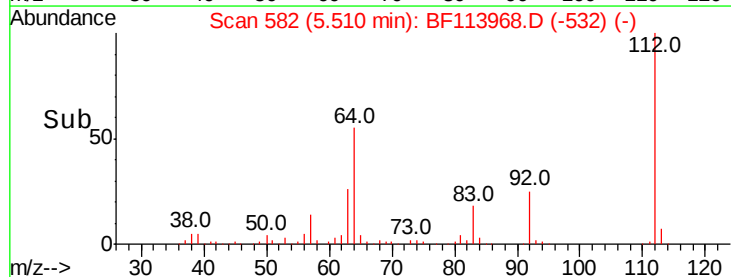
#5

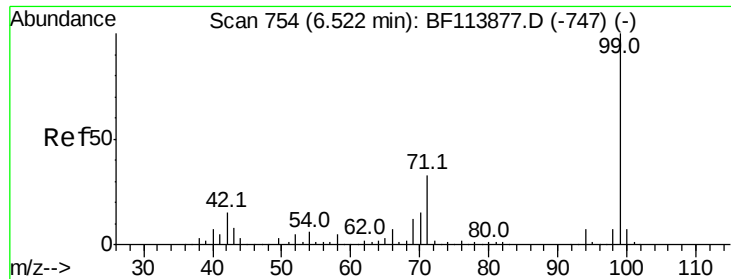
2-Fluorophenol
Concen: 19.742 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:112 Resp: 139765
Ion Ratio Lower Upper
112 100
64 54.9 46.6 69.8
63 26.3 23.1 34.7



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: 21.007 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113968.D

Acq: 24 Apr 2019 18:14

Instrument :

BNA_F

ClientSampleId :

EO-02-042319-B

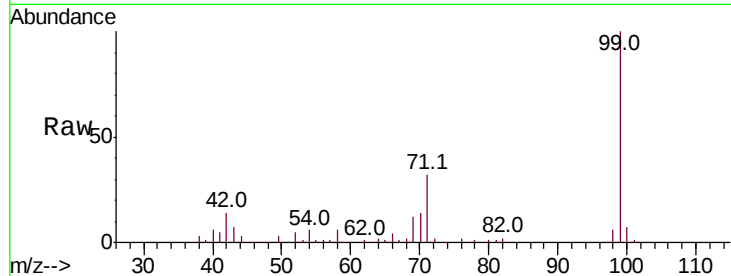
Tot Ion: 99 Resp: 186589

Ion Ratio Lower Upper

99 100

42 14.1 12.5 18.7

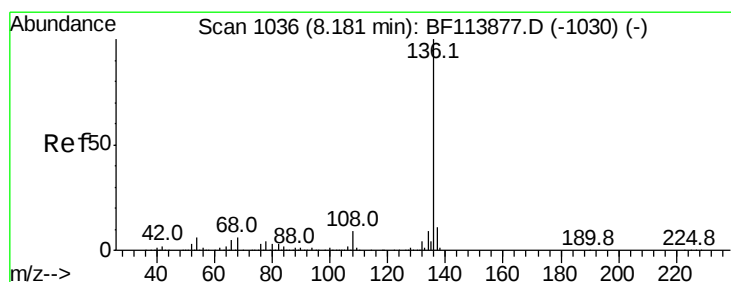
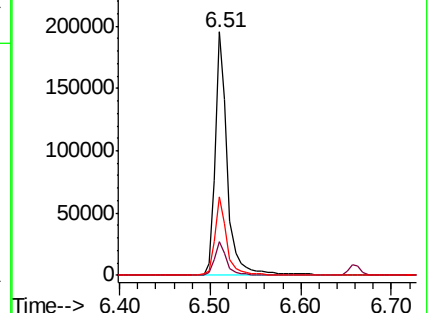
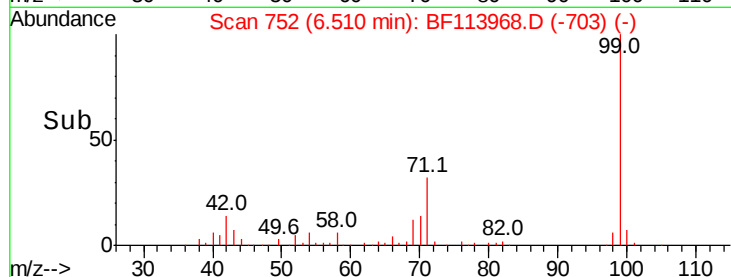
71 32.1 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113968.D

Acq: 24 Apr 2019 18:14

Tgt Ion: 136 Resp: 458609

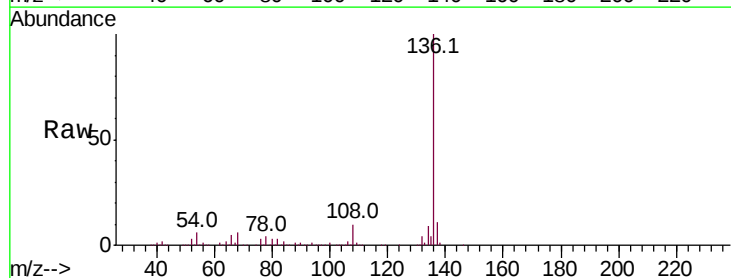
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.3 5.0 7.6

68 6.1 4.9 7.3

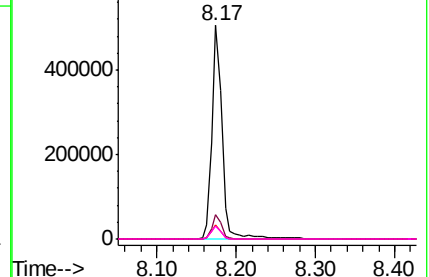
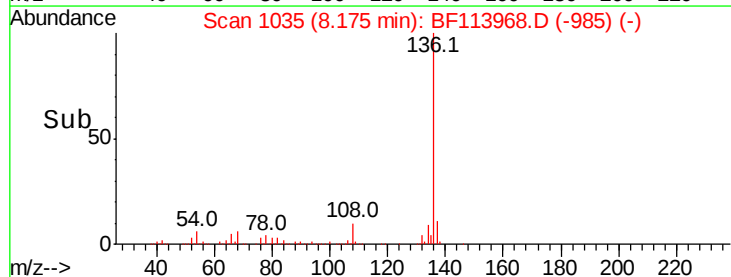


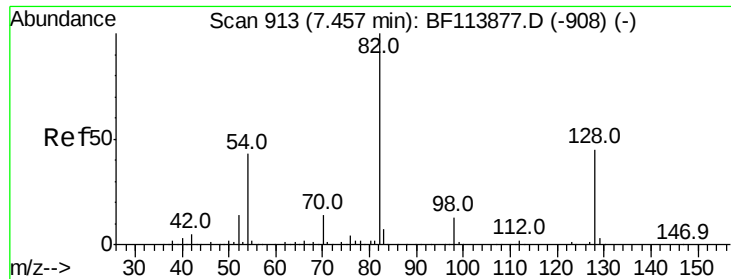
Abundance Ion 136.00 (135.70 to 136.70): E

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

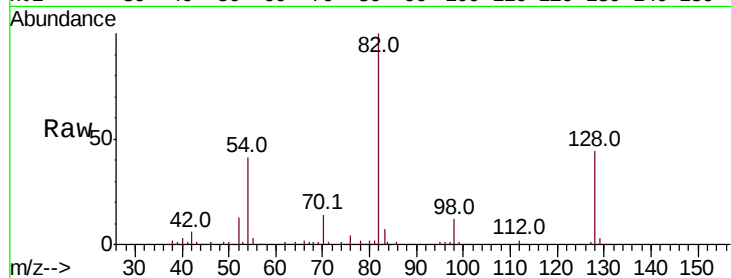




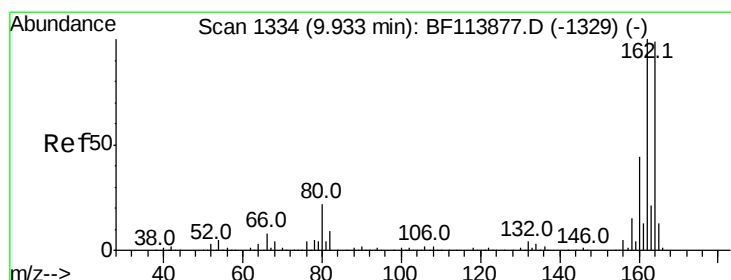
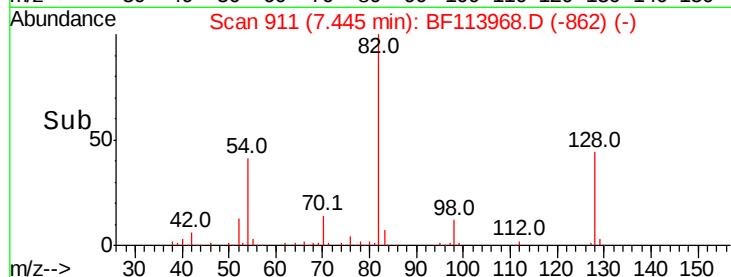
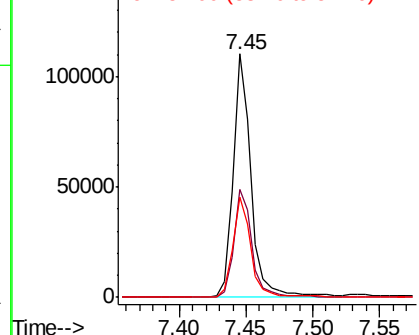
#23
Nitrobenzene-d5
Concen: 14.194 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :
EO-02-042319-B

Tot Ion	82	Resp	105429
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.8	55.2
54	41.3	33.8	50.6

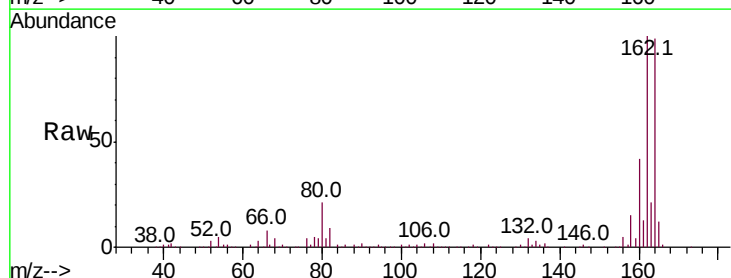


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

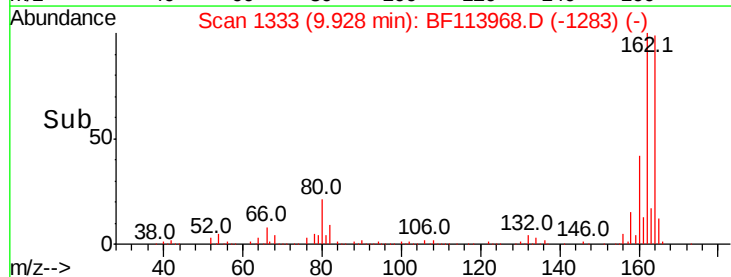
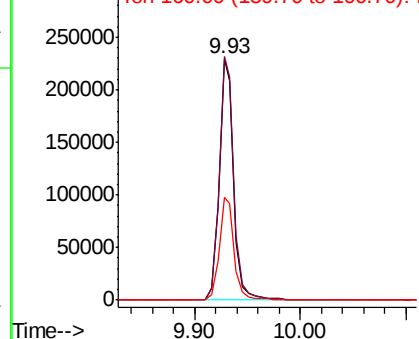


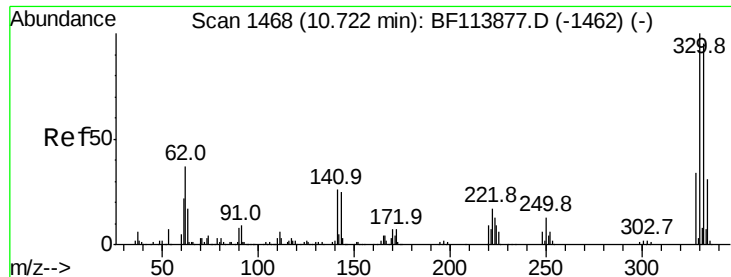
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion	164	Resp	221466
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.1	121.7
160	42.6	35.8	53.6



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

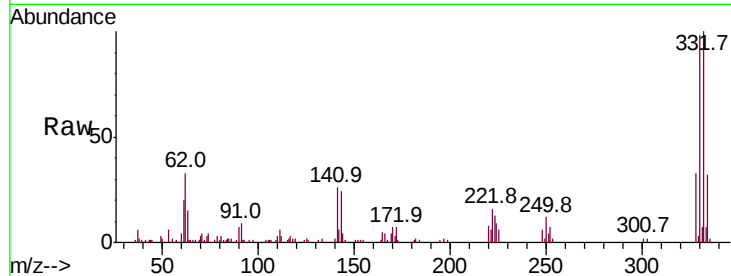




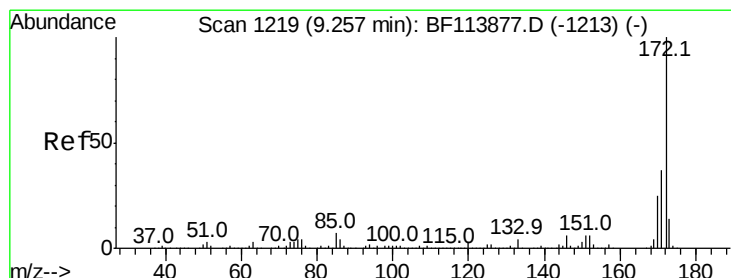
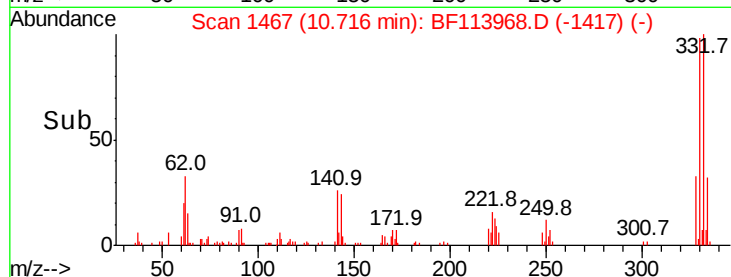
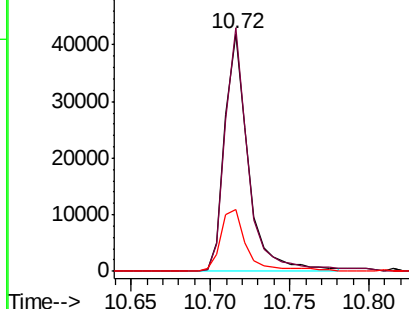
#42
 2,4,6-Tribromophenol
 Concen: 16.124 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113968.D
 Acq: 24 Apr 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-042319-B

Tot Ion:330 Resp: 43500
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.5 116.3
 141 29.2 22.2 33.2

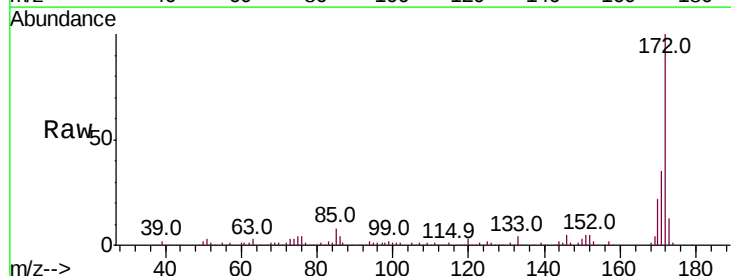


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

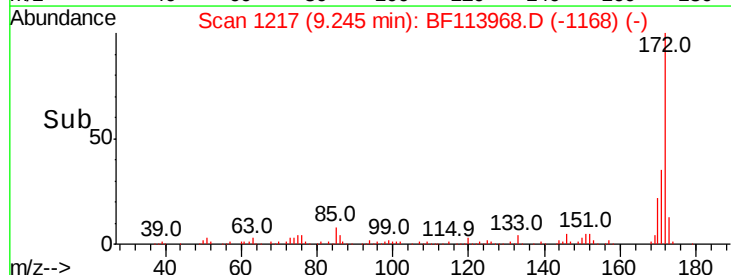
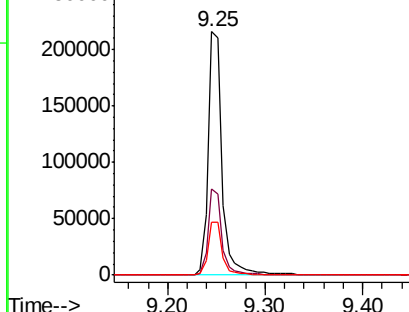


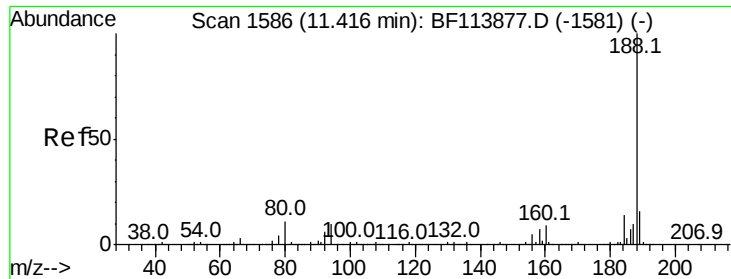
#45
 2-Fluorobiphenyl
 Concen: 15.088 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF113968.D
 Acq: 24 Apr 2019 18:14

Tgt Ion:172 Resp: 213649
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 21.9 19.9 29.9



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

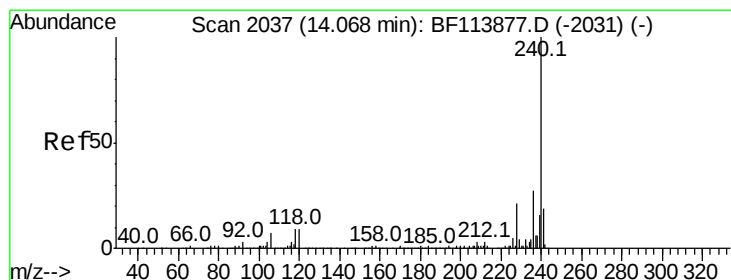
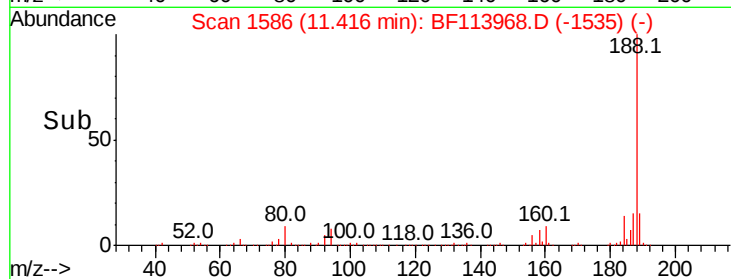
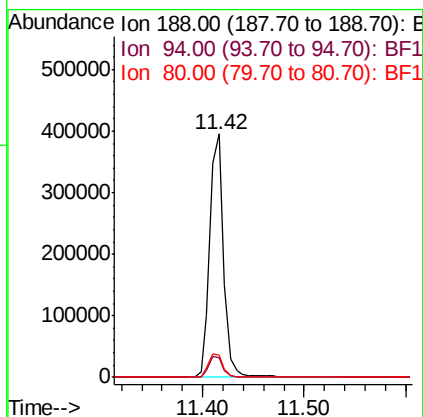
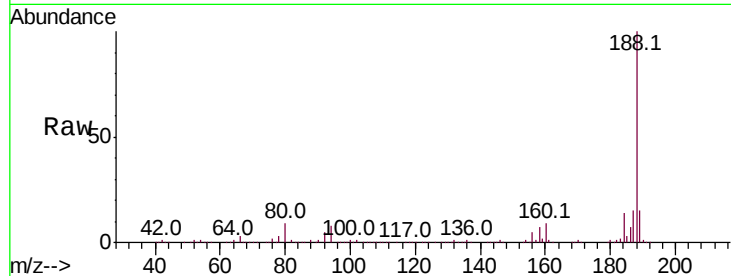




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

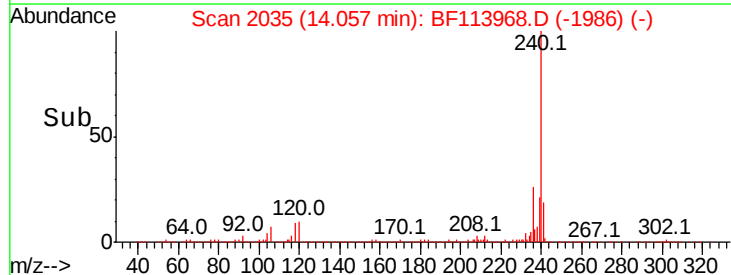
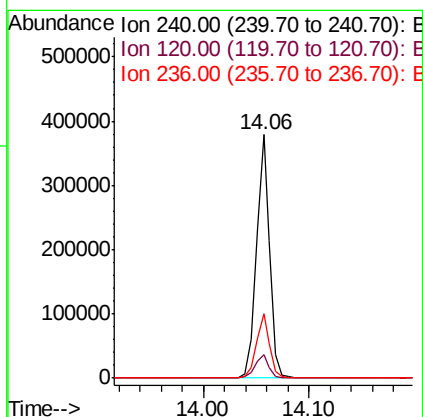
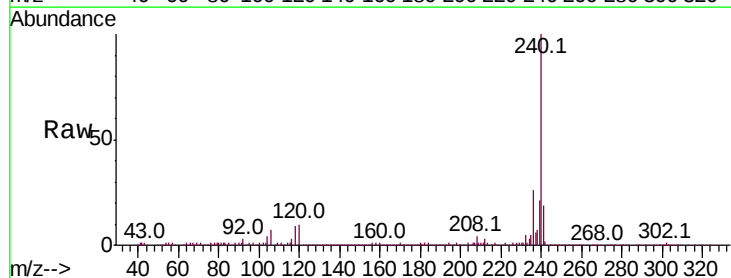
Instrument :
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EO-02-042319-B

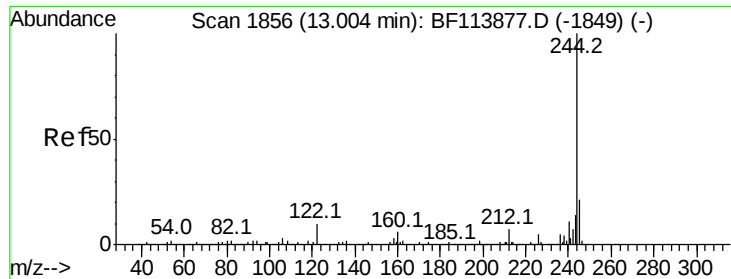
Tot Ion:188 Resp: 376146
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.4#
80 9.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:240 Resp: 334530
Ion Ratio Lower Upper
240 100
120 9.9 9.3 13.9
236 26.4 21.2 31.8

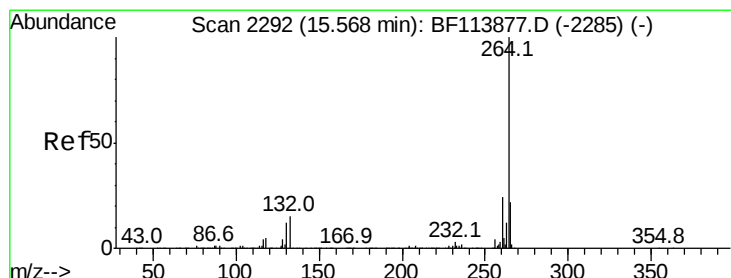
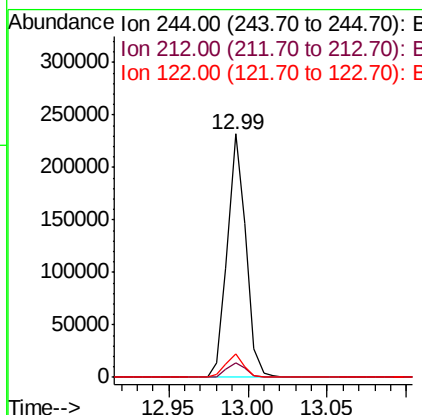
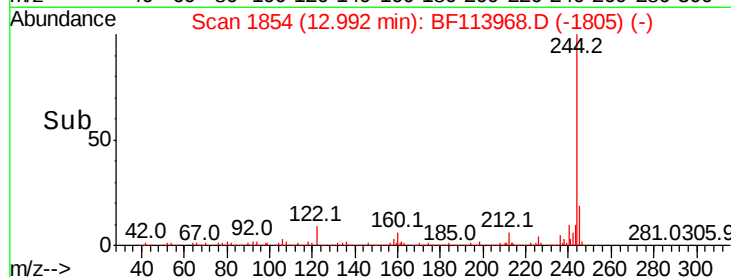
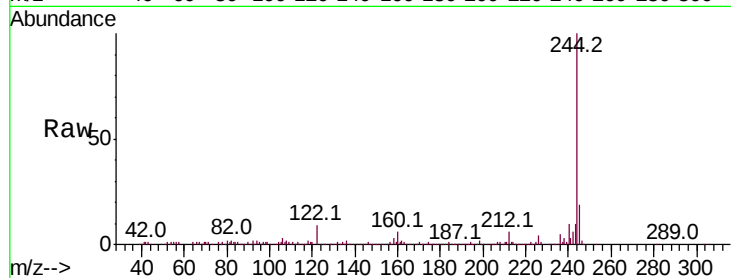




#79
 Terphenyl-d14
 Concen: 11.525 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113968.D
 Acq: 24 Apr 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-042319-B

Tot Ion:244 Resp: 188066
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.2
 122 9.5 7.6 11.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF113968.D
 Acq: 24 Apr 2019 18:14

Tgt Ion:264 Resp: 394683
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.3 17.3 25.9

