

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113969.D
 Acq On : 24 Apr 2019 18:41
 Operator : JU/SJ
 Sample : K2200-11 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 25 06:40:55 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	124761	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471220	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	222438	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	363206	20.00	ng	0.00
76) Chrysene-d12	14.06	240	324051	20.00	ng	-0.01
87) Perylene-d12	15.56	264	382730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	180519	24.75	ng	0.00
7) Phenol-d6	6.51	99	239654	26.19	ng	-0.01
23) Nitrobenzene-d5	7.45	82	136397	17.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	54541	20.13	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	274383	19.29	ng	0.00
79) Terphenyl-d14	12.99	244	226701	14.34	ng	-0.01

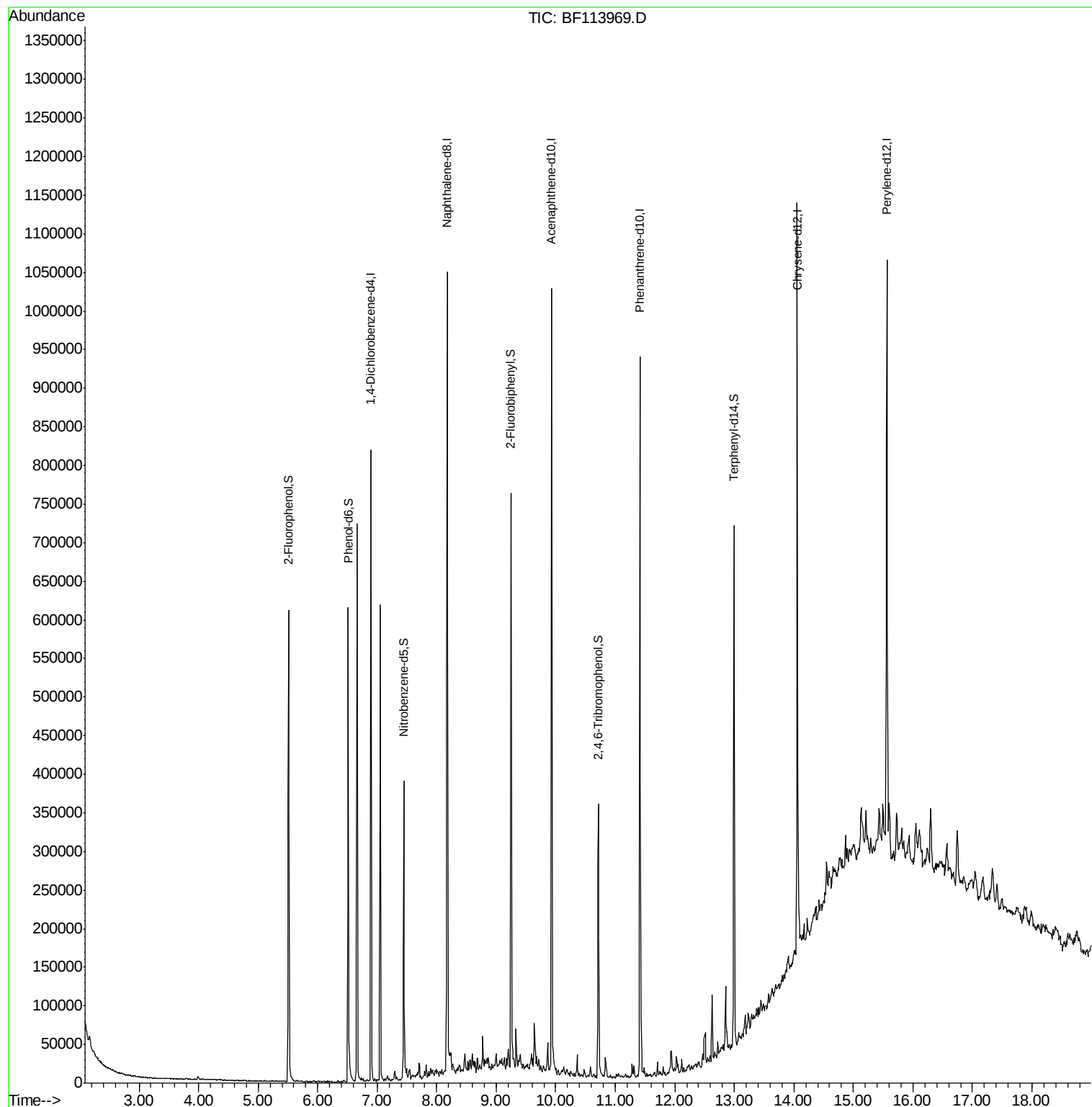
Target Compounds Qvalue

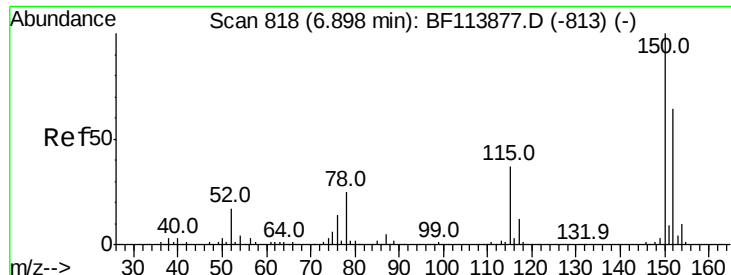
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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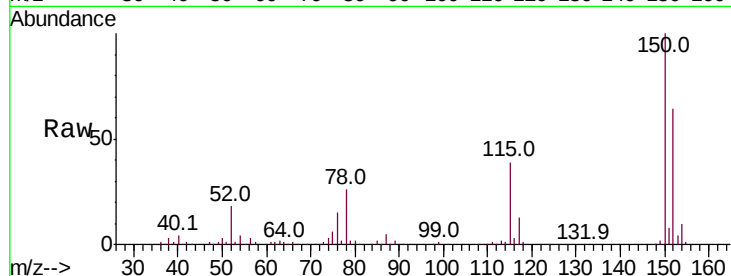


#1

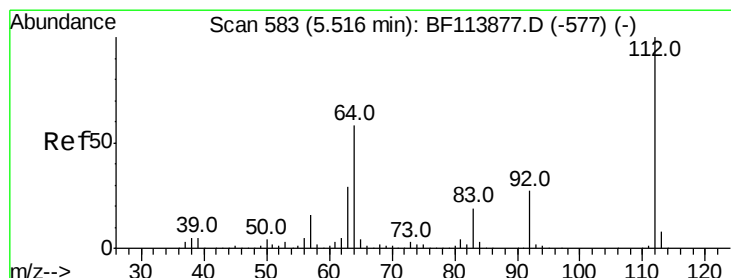
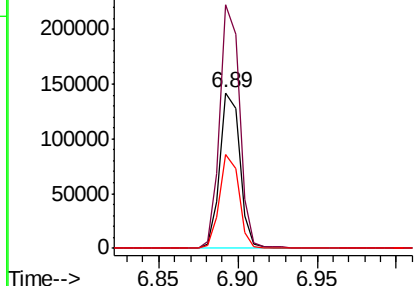
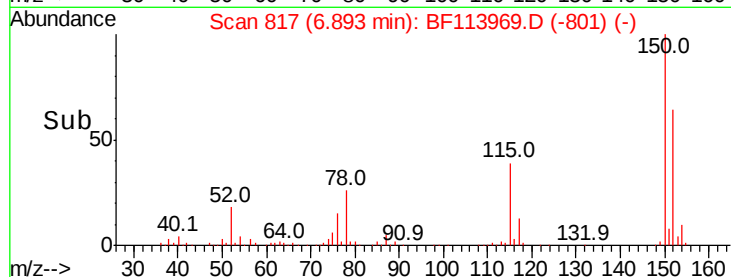
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113969.D
Acq: 24 Apr 2019 18:41

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

Tot Ion:152 Resp: 124761
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 60.8 45.9 68.9



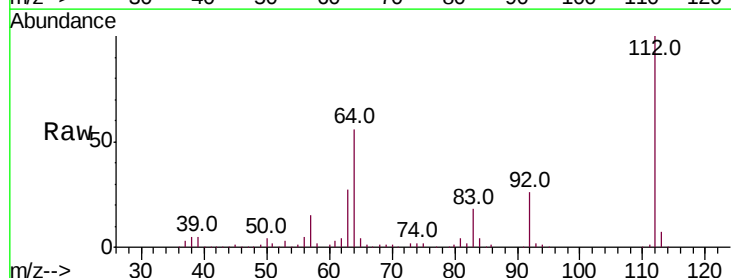
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



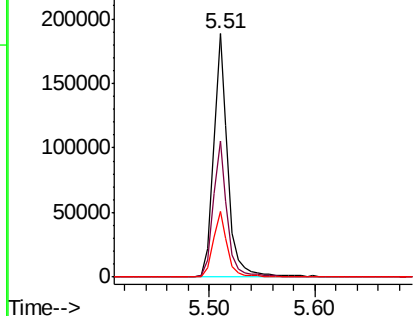
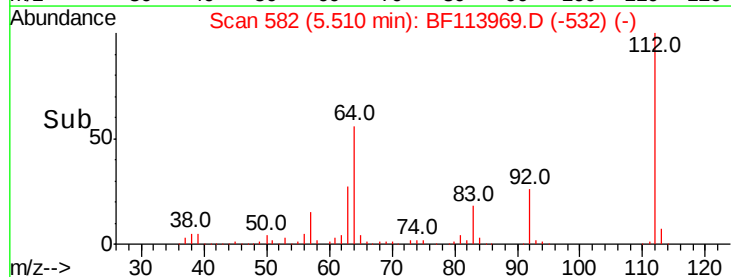
#5

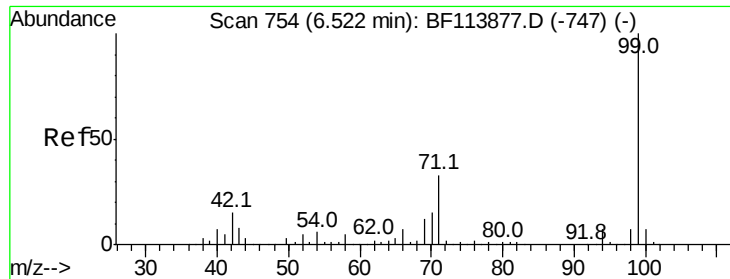
2-Fluorophenol
Concen: 24.747 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113969.D
Acq: 24 Apr 2019 18:41

Tgt Ion:112 Resp: 180519
Ion Ratio Lower Upper
112 100
64 55.9 46.6 69.8
63 27.2 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: 26.187 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113969.D

Acq: 24 Apr 2019 18:41

Instrument :

BNA_F

ClientSampleId :

EO-02-042319-C

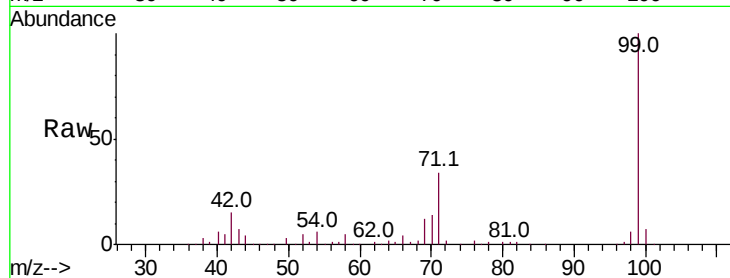
Tot Ion: 99 Resp: 239654

Ion Ratio Lower Upper

99 100

42 14.8 12.5 18.7

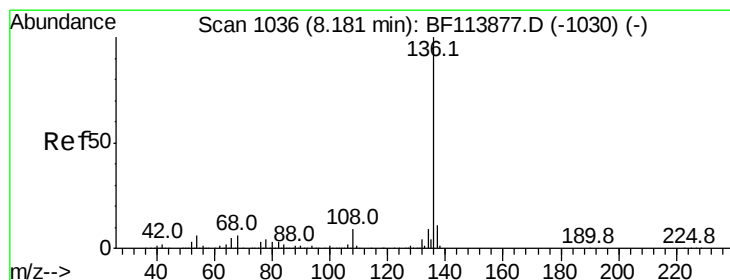
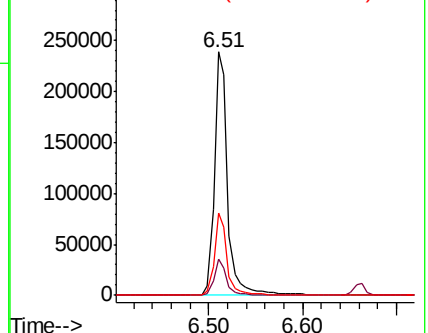
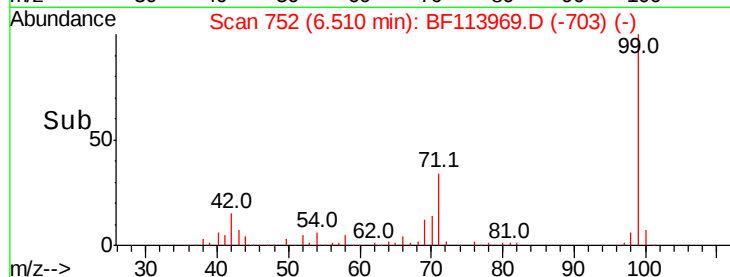
71 33.6 26.9 40.3



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: BF113969.D

Acq: 24 Apr 2019 18:41

Tgt Ion: 136 Resp: 471220

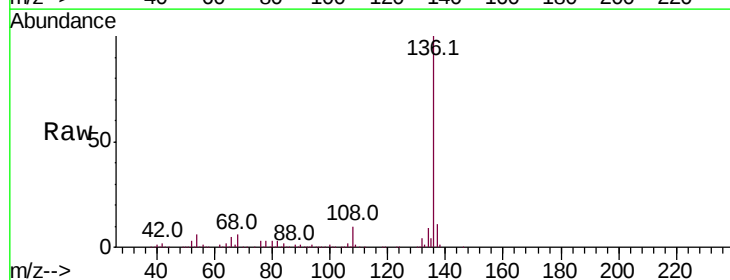
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.4 5.0 7.6

68 6.1 4.9 7.3

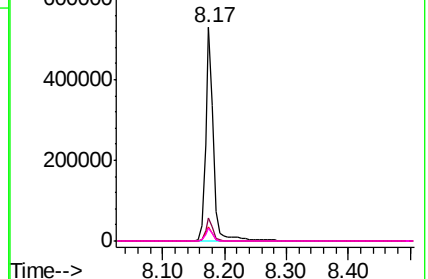
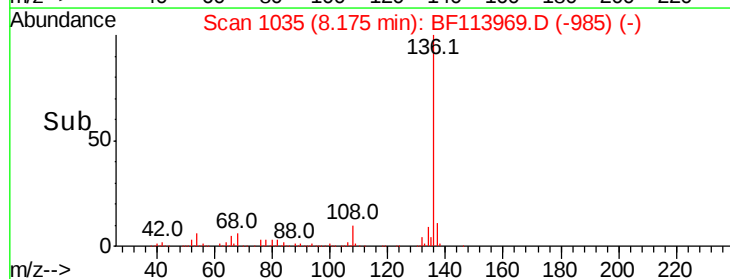


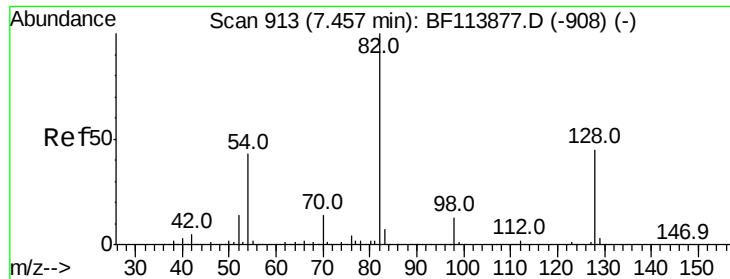
Abundance Ion 136.00 (135.70 to 136.70): E

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

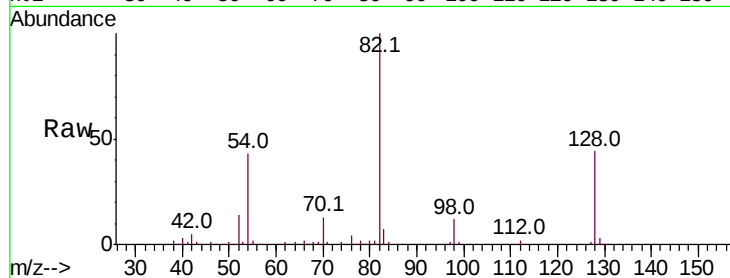




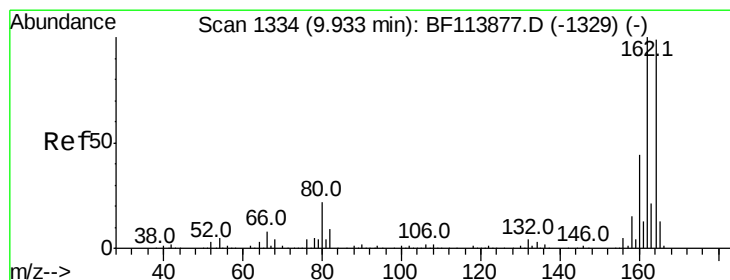
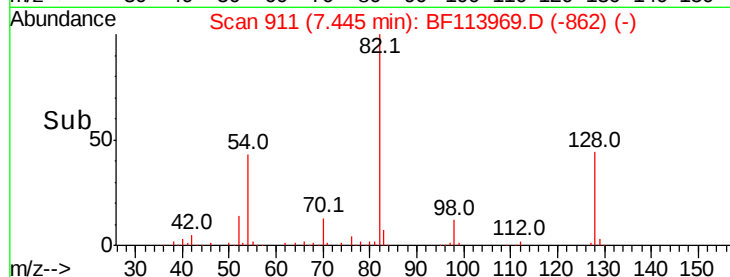
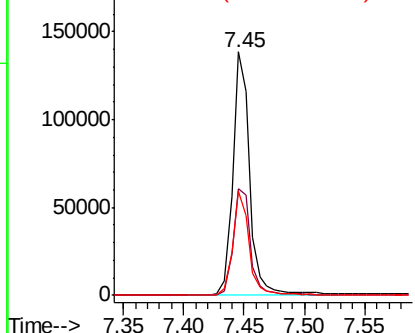
#23
 Nitrobenzene-d5
 Concen: 17.872 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113969.D
 Acq: 24 Apr 2019 18:41

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

Tot Ion	82	Resp	136397
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.8	55.2
54	43.0	33.8	50.6

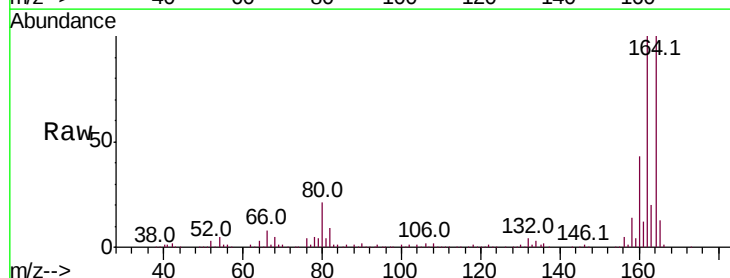


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

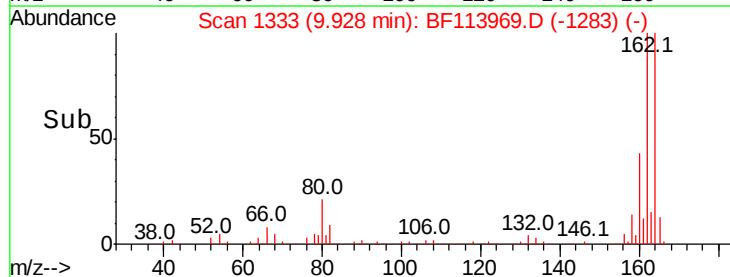
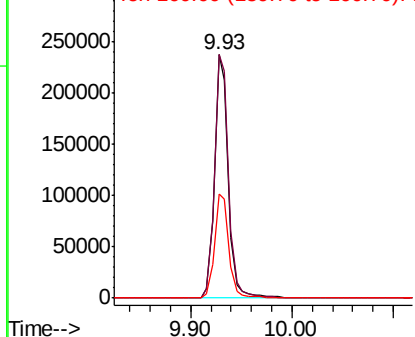


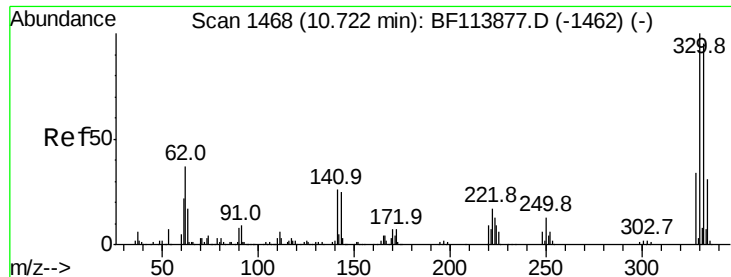
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113969.D
 Acq: 24 Apr 2019 18:41

Tgt Ion	164	Resp	222438
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.1	121.7
160	42.5	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

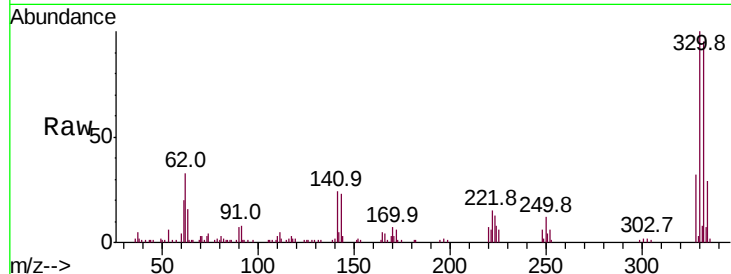




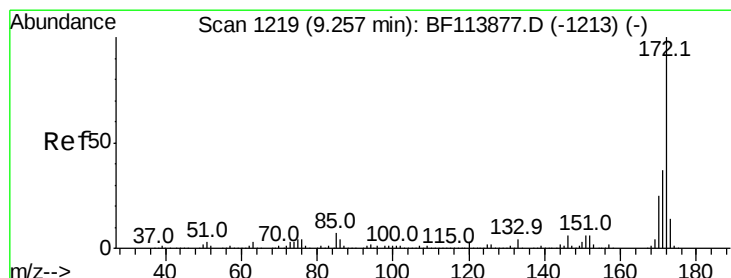
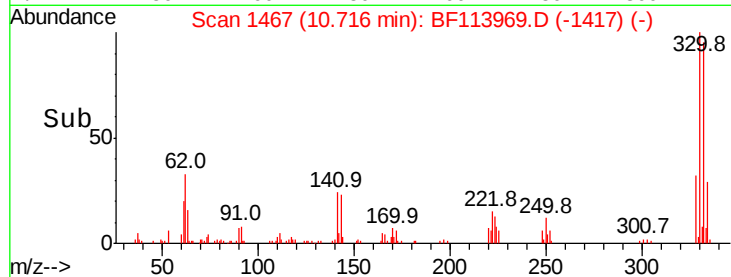
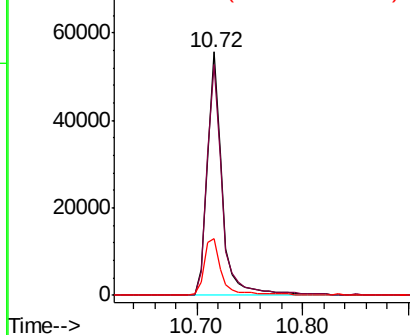
#42
 2,4,6-Tribromophenol
 Concen: 20.128 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113969.D
 Acq: 24 Apr 2019 18:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.5	116.3
141	26.4	22.2	33.2

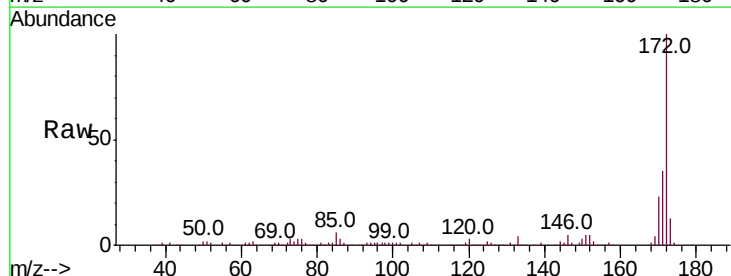


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

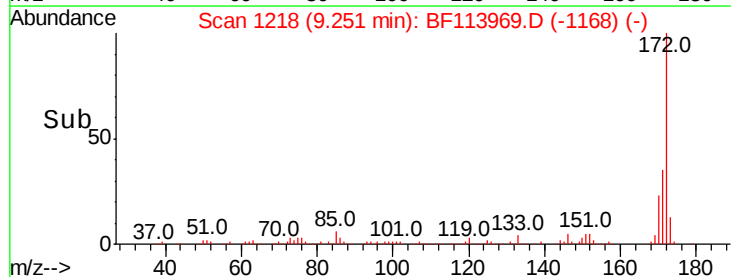
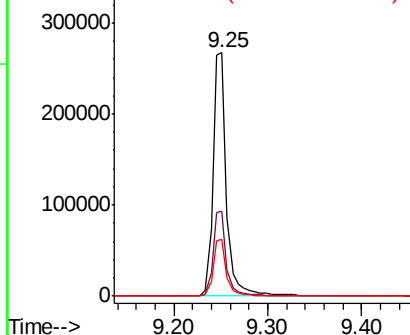


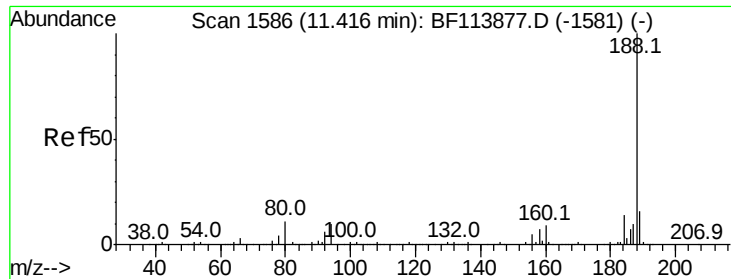
#45
 2-Fluorobiphenyl
 Concen: 19.293 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113969.D
 Acq: 24 Apr 2019 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.2	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

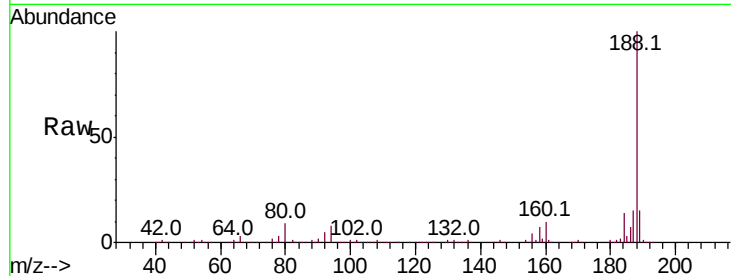




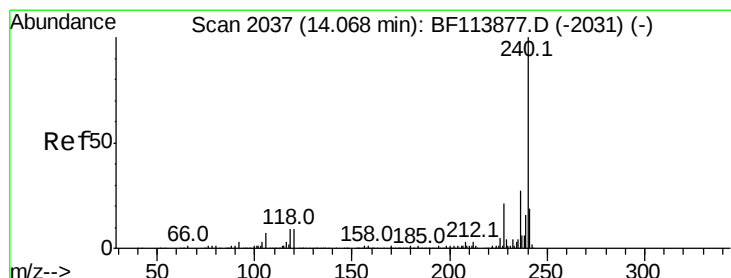
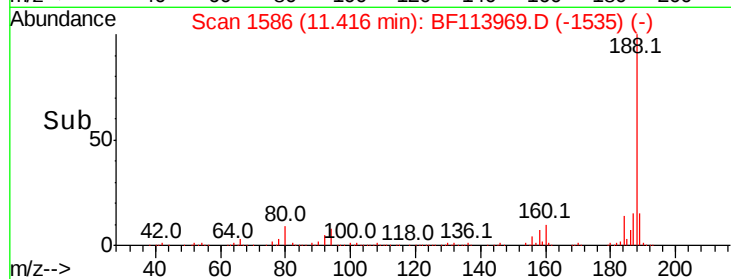
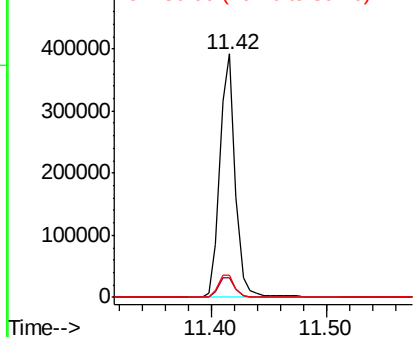
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113969.D
Acq: 24 Apr 2019 18:41

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

Tot Ion:188 Resp: 363206
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.4#
80 9.3 9.0 13.6

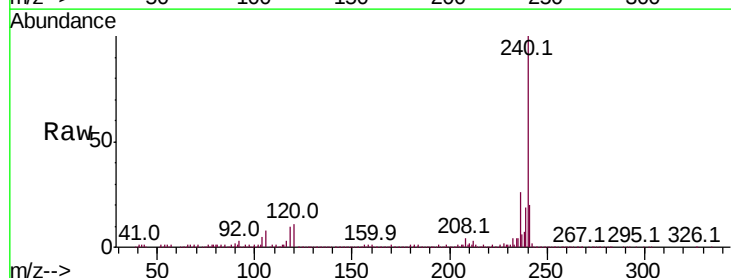


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

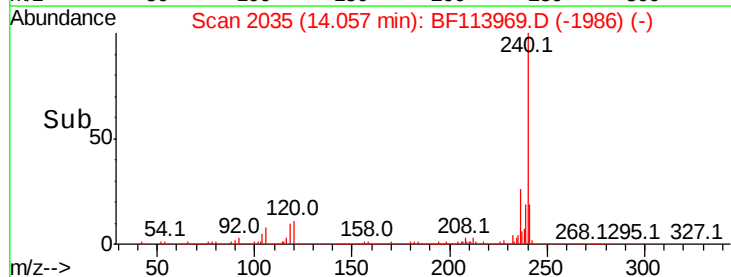
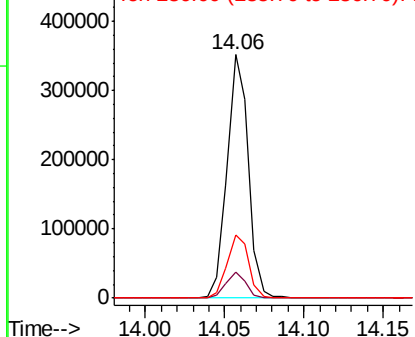


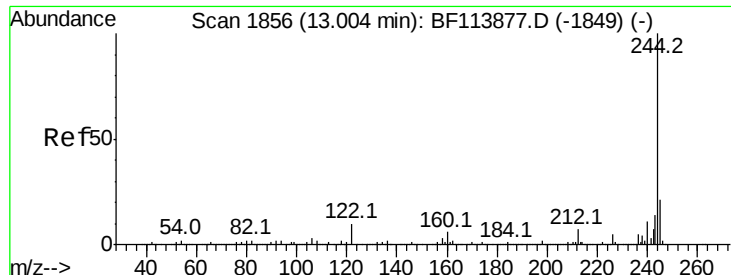
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113969.D
Acq: 24 Apr 2019 18:41

Tgt Ion:240 Resp: 324051
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.0 21.2 31.8



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: 14.342 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113969.D

Acq: 24 Apr 2019 18:41

Instrument :

BNA_F

ClientSampleId :

EO-02-042319-C

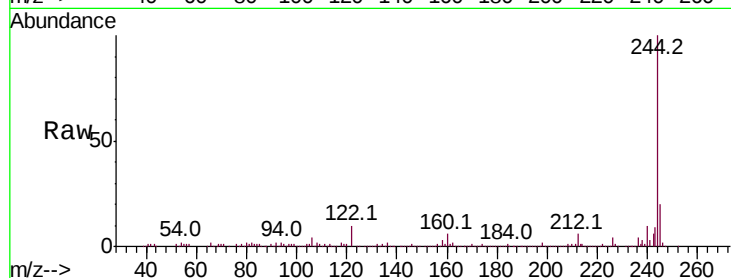
Tot Ion:244 Resp: 226701

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

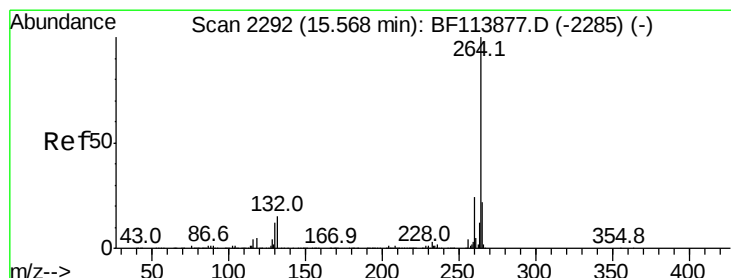
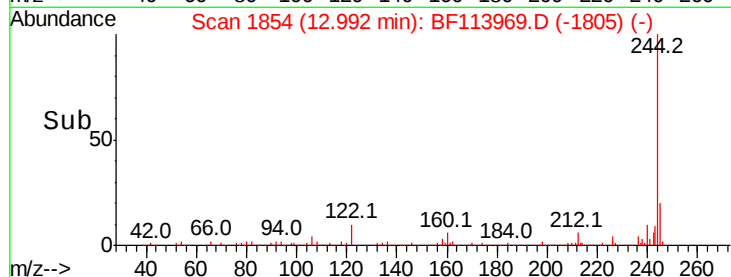
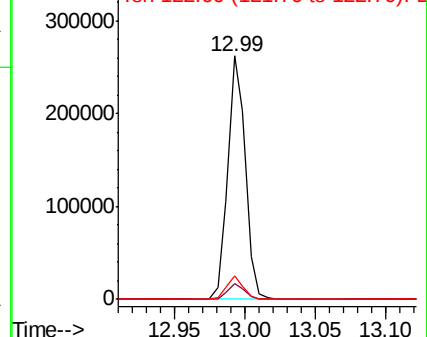
122 9.8 7.6 11.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113969.D

Acq: 24 Apr 2019 18:41

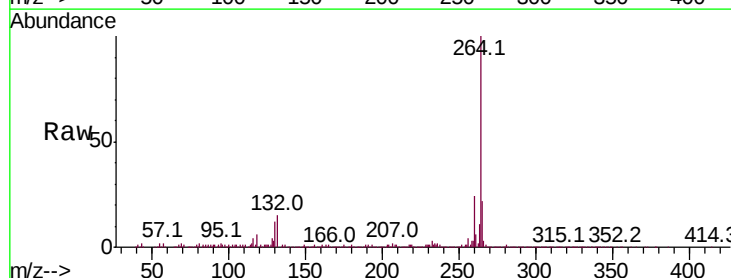
Tgt Ion:264 Resp: 382730

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.9 17.3 25.9



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

