

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101660.D
 Acq On : 22 Dec 2017 18:20
 Operator : SJ/JU
 Sample : I6683-07 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Quant Time: Dec 22 23:32:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155584	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	592534	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	238310	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	391947	20.00	ng	0.00
75) Chrysene-d12	13.96	240	311177	20.00	ng	0.00
86) Perylene-d12	15.43	264	311262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	106534	10.20	ng	0.01
7) Phenol-d6	6.44	99	138021	10.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	80480	7.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20586	8.96	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	134651	8.76	ng	0.00
78) Terphenyl-d14	12.89	244	93096	7.21	ng	-0.01

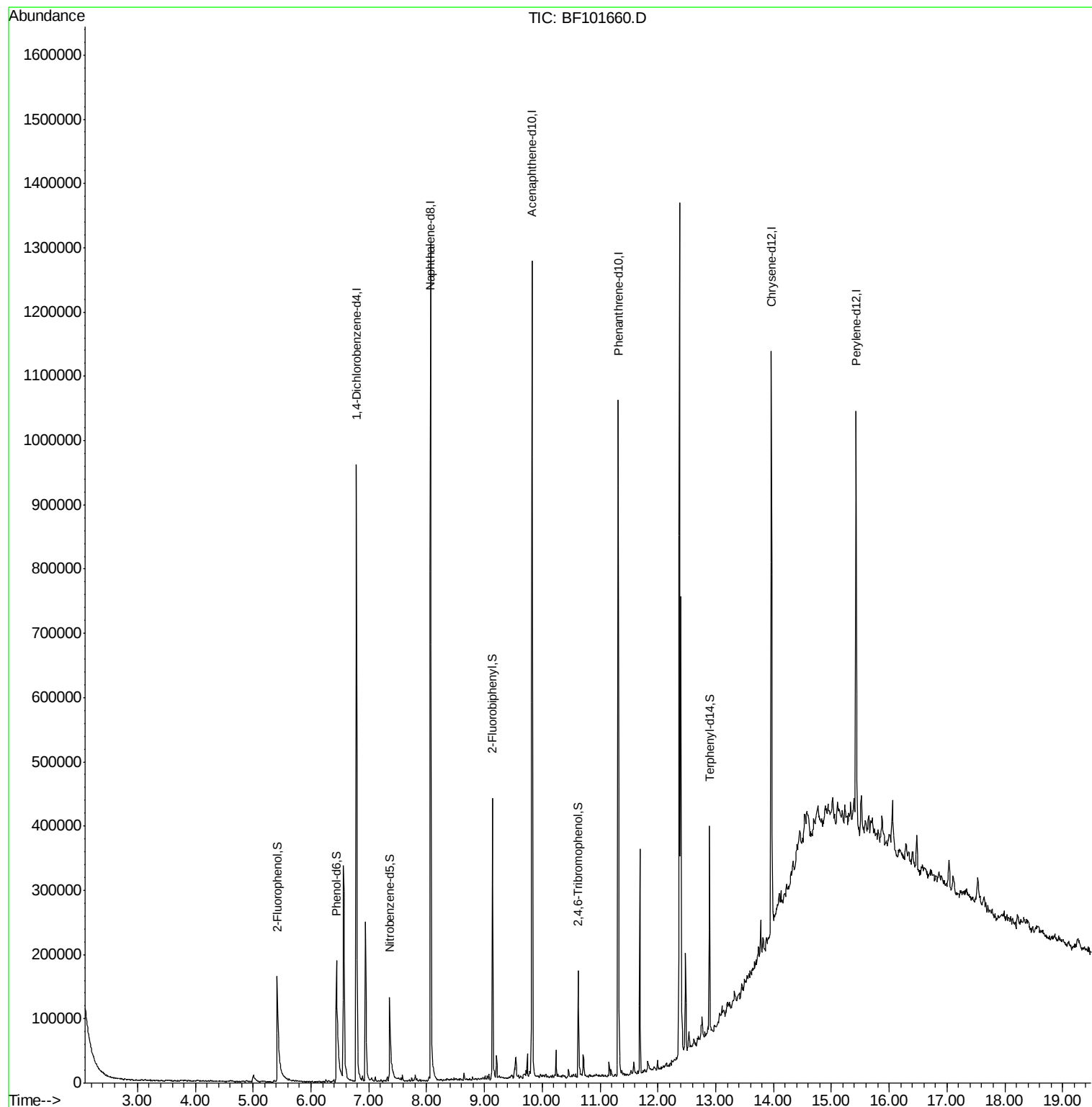
Target Compounds	Qvalue
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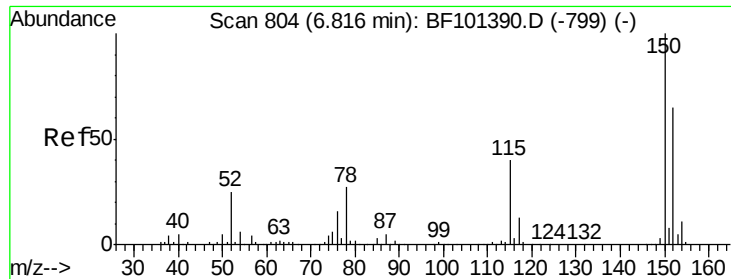
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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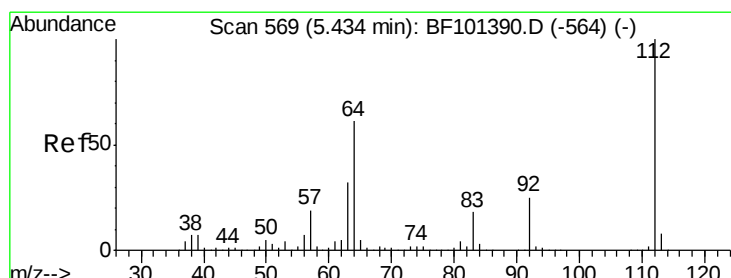
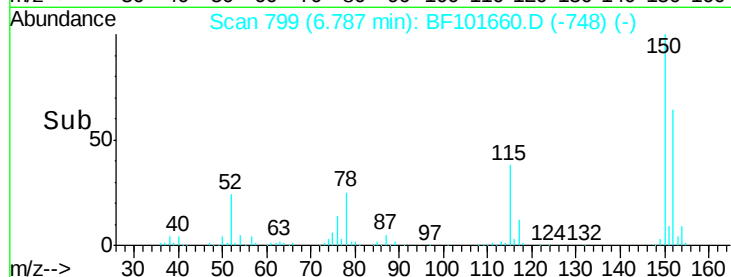
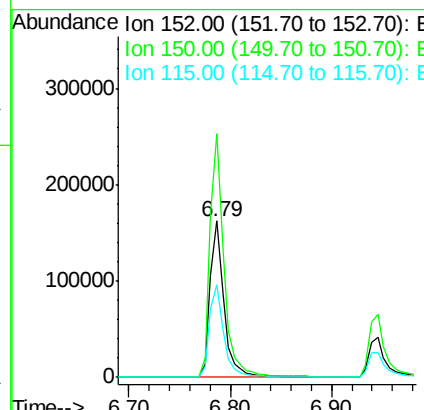
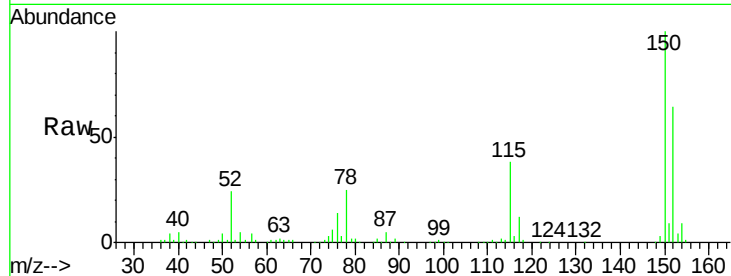




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

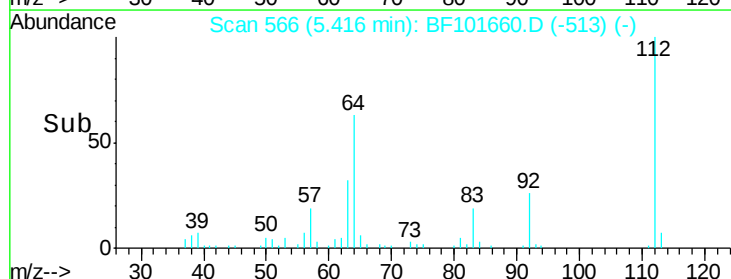
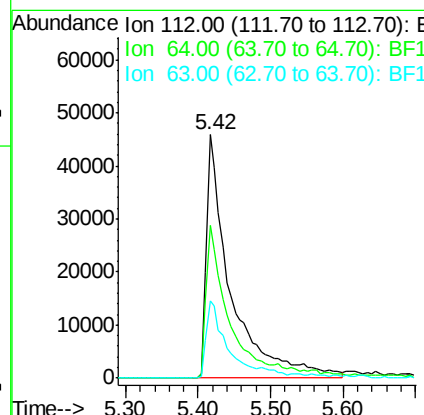
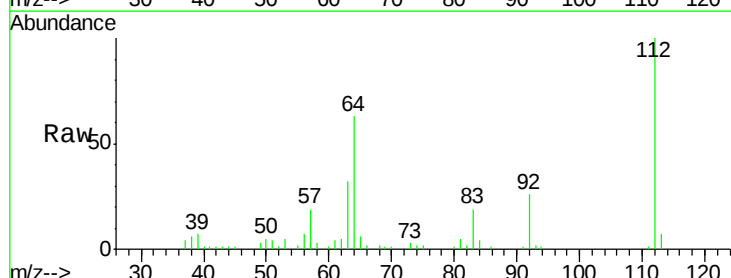
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

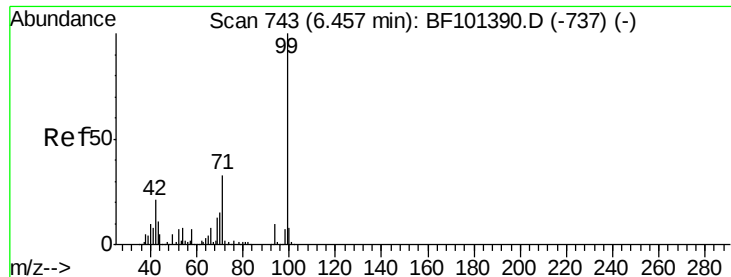
Tgt Ion:152 Resp: 155584
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 59.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 10.200 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

Tgt Ion:112 Resp: 106534
 Ion Ratio Lower Upper
 112 100
 64 62.9 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 10.618 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

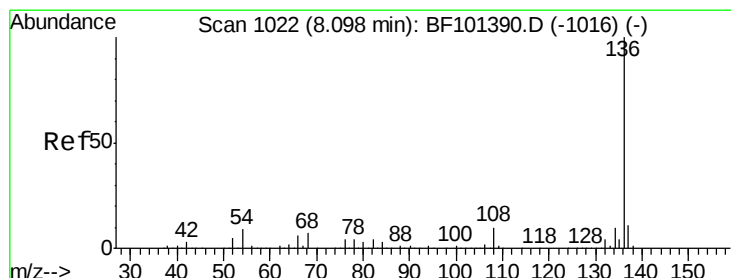
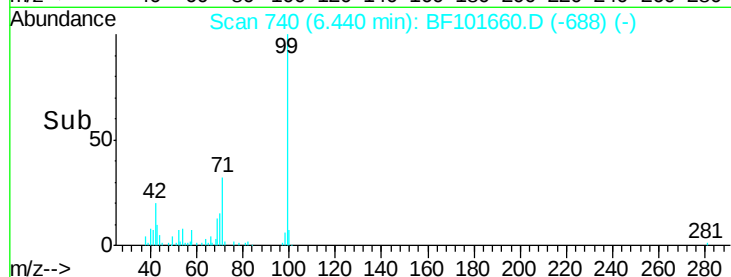
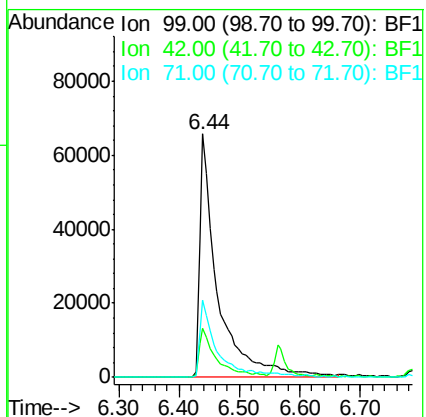
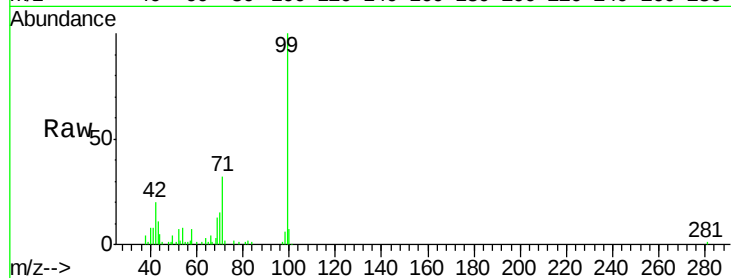
Tgt Ion: 99 Resp: 138021

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Tgt Ion: 136 Resp: 592534

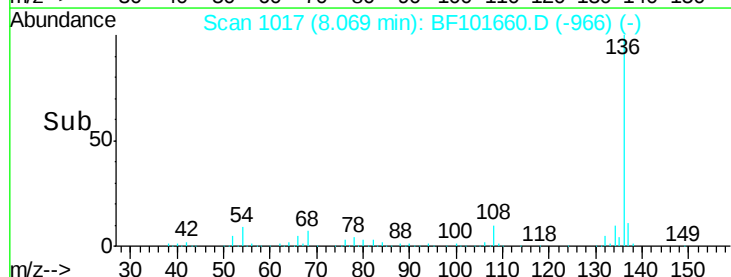
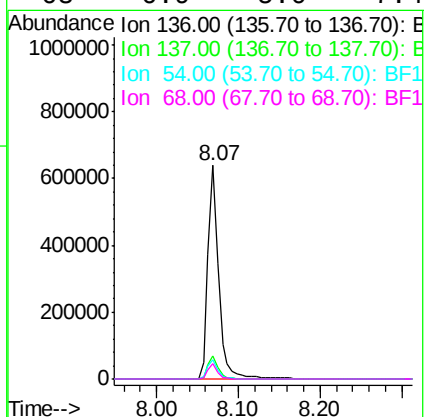
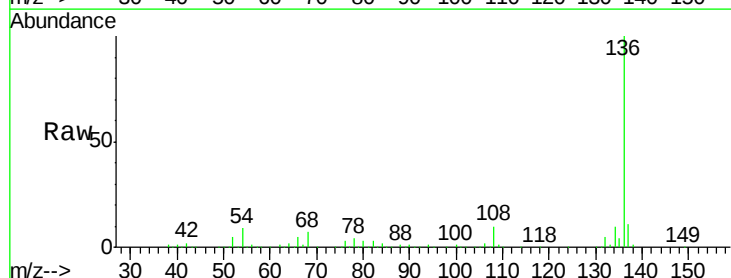
Ion Ratio Lower Upper

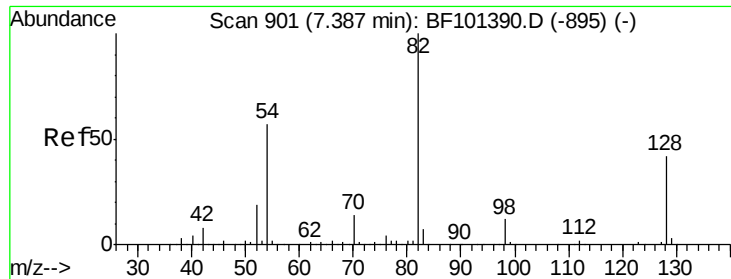
136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 6.9 5.0 7.4

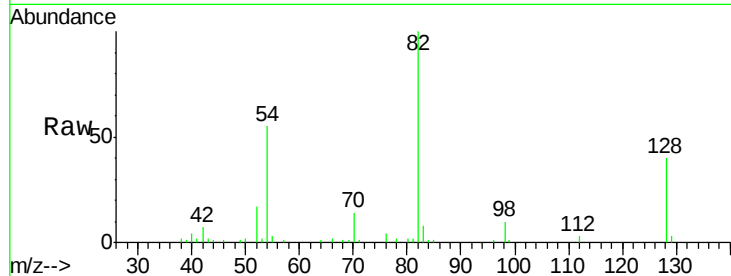




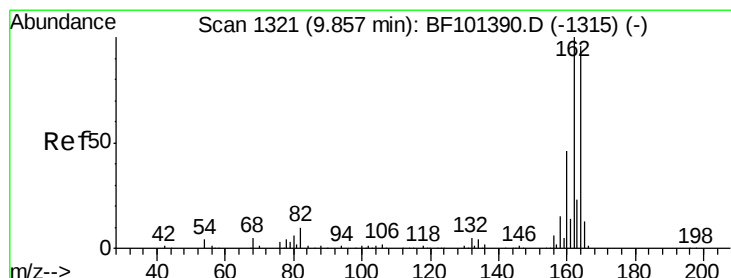
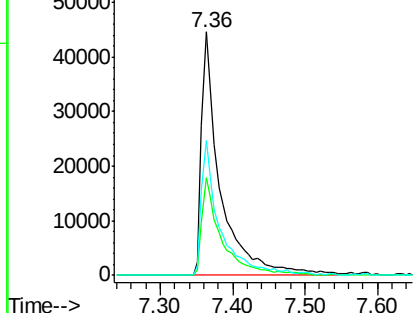
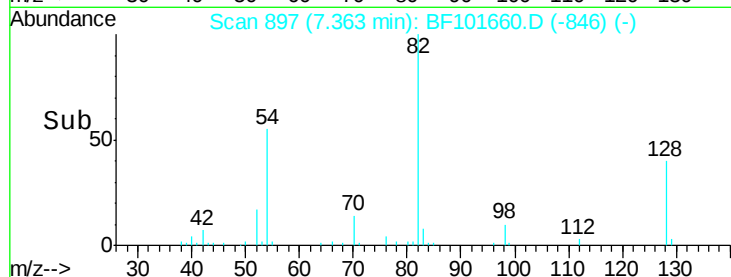
#23
Nitrobenzene-d5
Concen: 7.561 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tgt Ion: 82 Resp: 80480
Ion Ratio Lower Upper
82 100
128 39.9 36.1 54.1
54 55.4 41.4 62.2

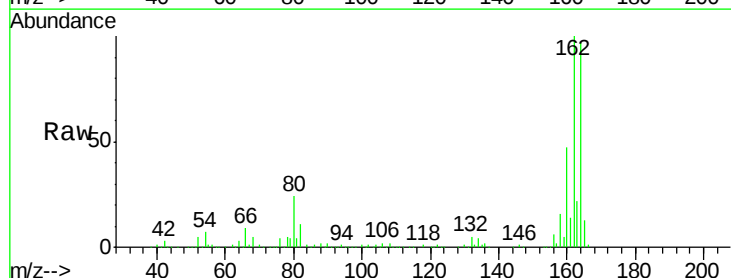


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

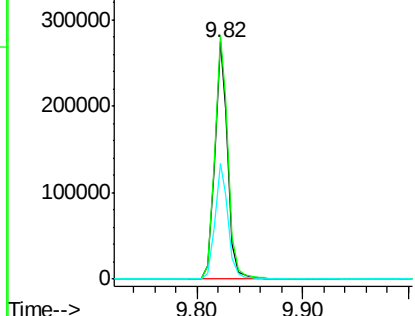
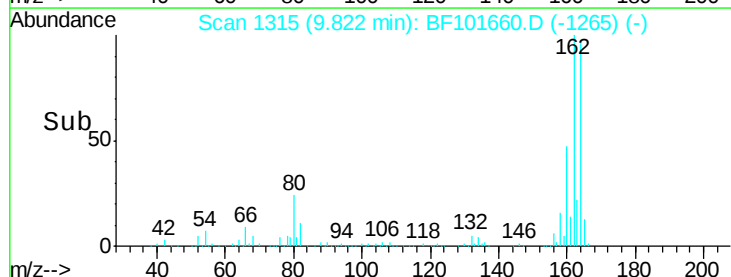


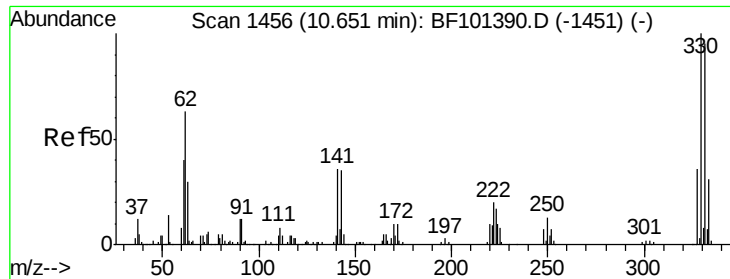
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Tgt Ion: 164 Resp: 238310
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 48.7 38.3 57.5



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

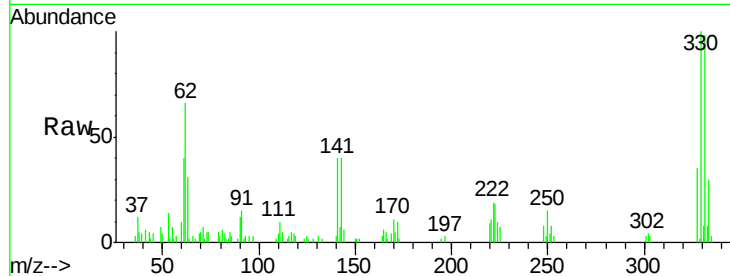




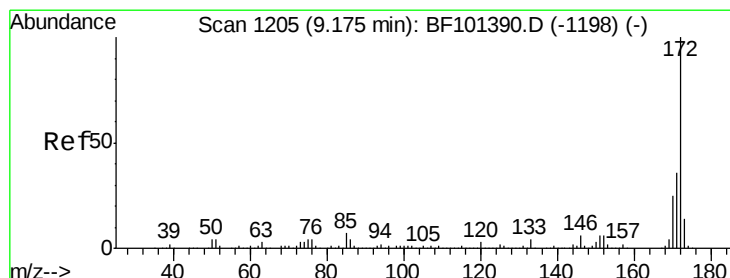
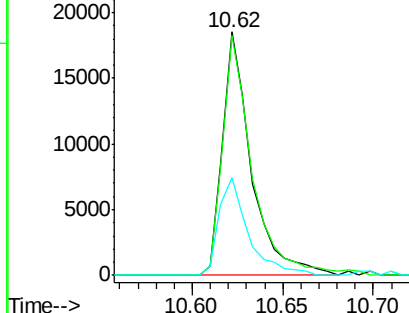
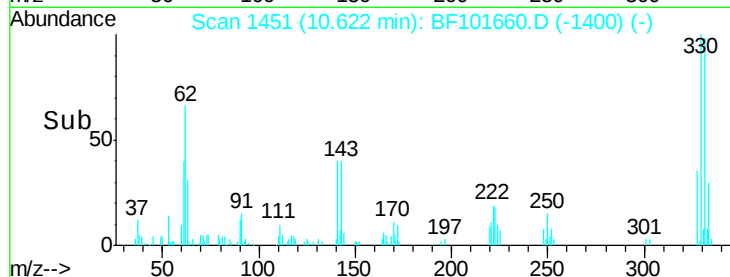
#41
 2,4,6-Tribromophenol
 Concen: 8.965 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	40.7	29.9	44.9

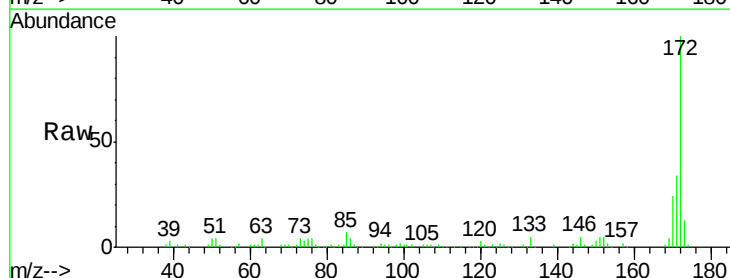


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

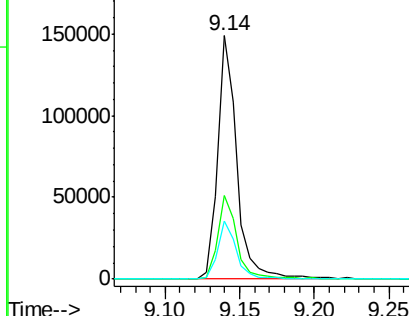
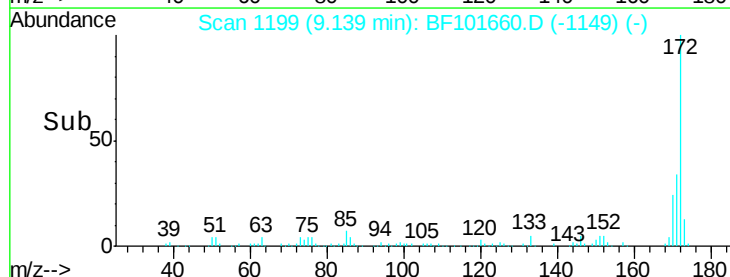


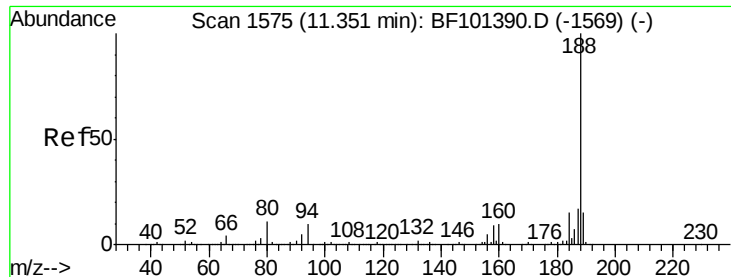
#44
 2-Fluorobiphenyl
 Concen: 8.765 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.8	19.6	29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

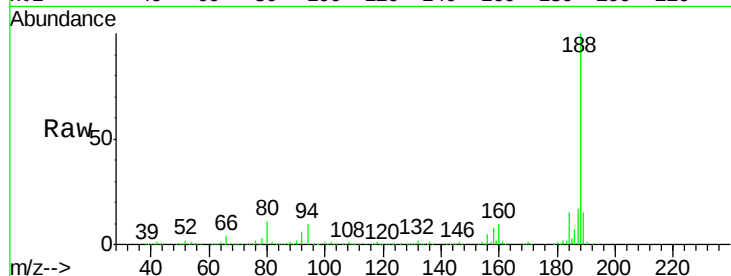
Tgt Ion:188 Resp: 391947

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

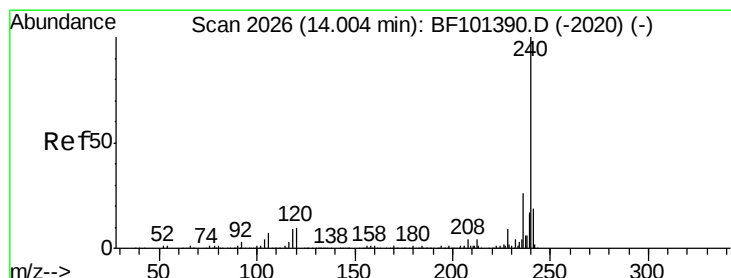
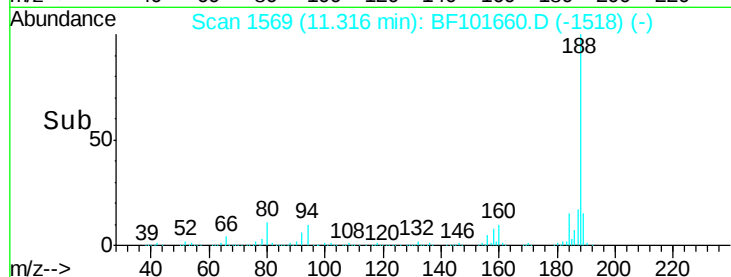
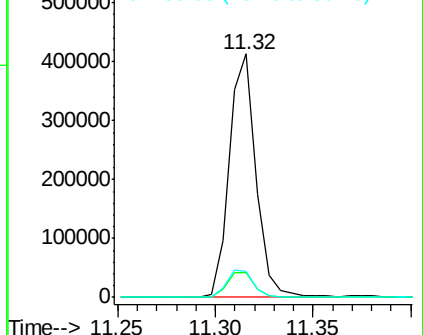
80 10.7 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

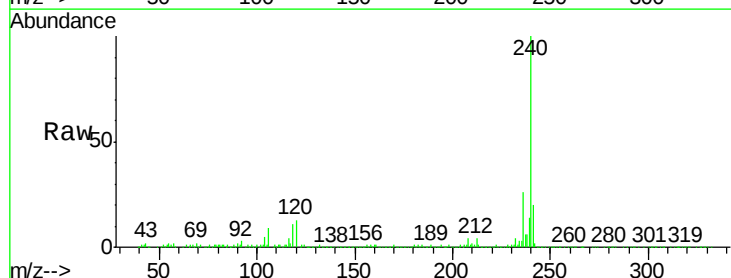
Tgt Ion:240 Resp: 311177

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

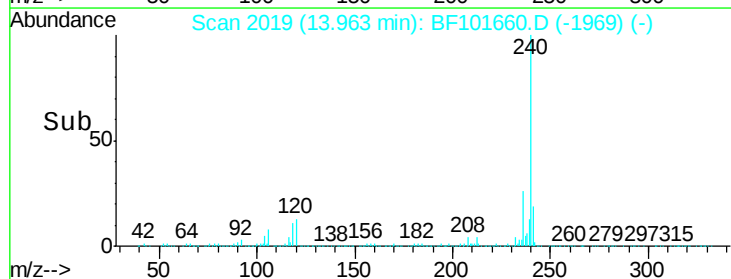
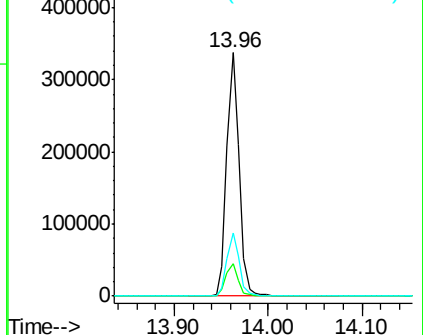
236 26.0 20.7 31.1

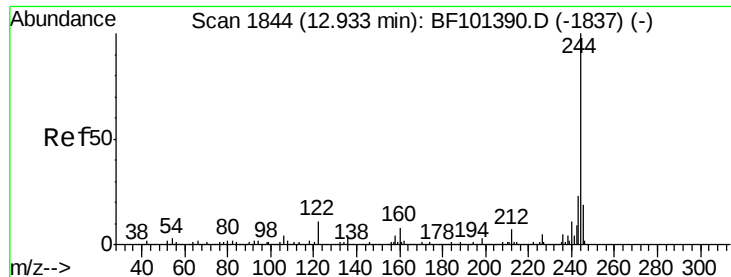


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.212 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

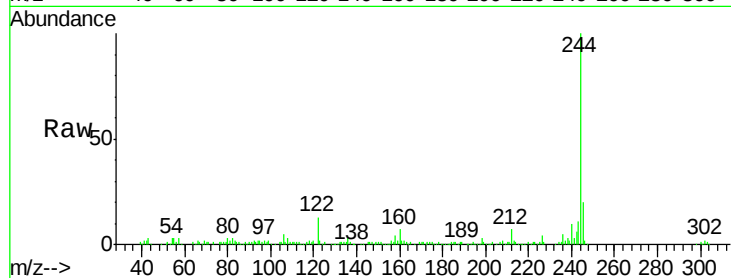
Tgt Ion:244 Resp: 93096

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

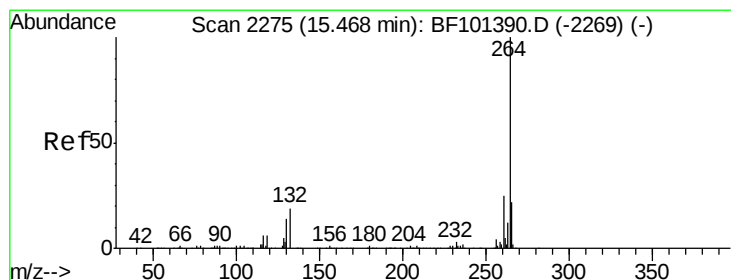
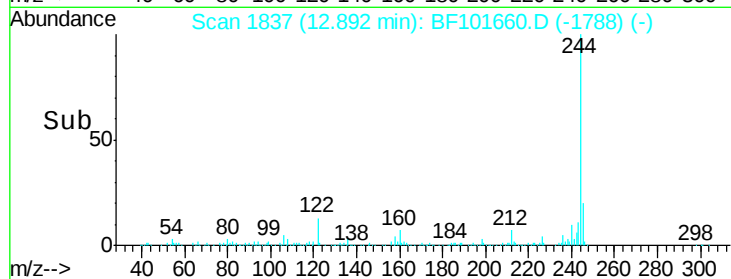
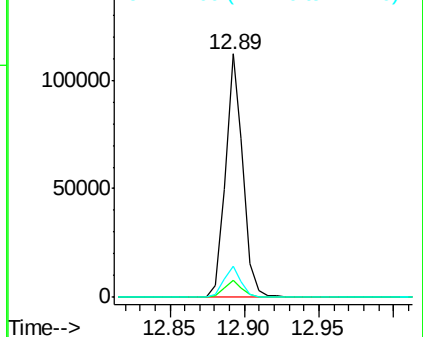
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

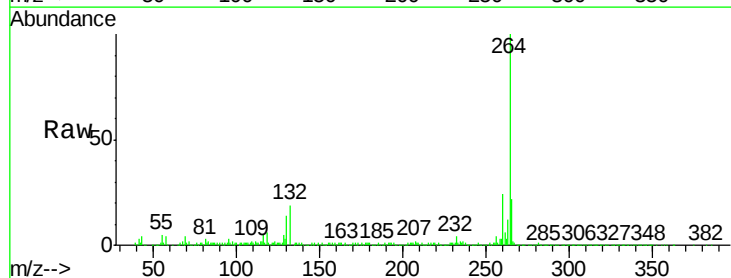
Tgt Ion:264 Resp: 311262

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.5 26.3



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

