

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096628.D
 Acq On : 11 Jul 2017 3:48
 Operator : SJ/JU
 Sample : I4119-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-070717-A

Quant Time: Jul 11 06:49:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

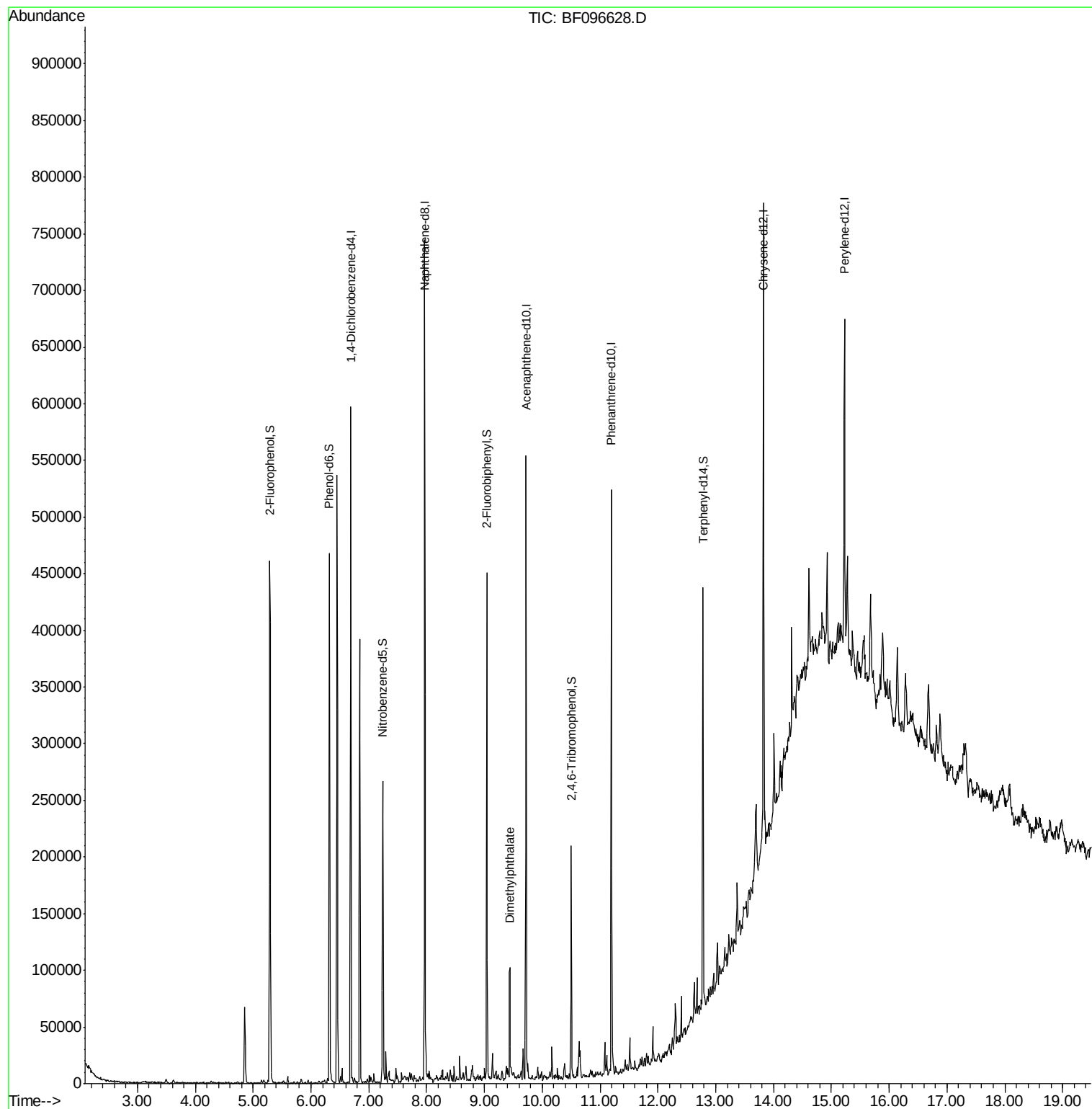
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	80346	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	297713	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	109438	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	180380	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	186746	20.00	ng	-0.02
86) Perylene-d12	15.23	264	123700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	128274	23.56	ng	-0.02
7) Phenol-d6	6.32	99	146162	21.84	ng	-0.03
23) Nitrobenzene-d5	7.24	82	74481	15.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	20557	24.05	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	135970	21.24	ng	-0.02
78) Terphenyl-d14	12.78	244	108127	12.37	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	37118	4.54	ng	96

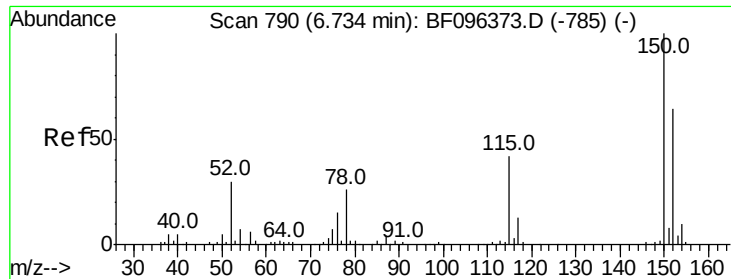
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096628.D

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Instrument :

BNA_F

ClientSampleId :

EO-03-070717-A

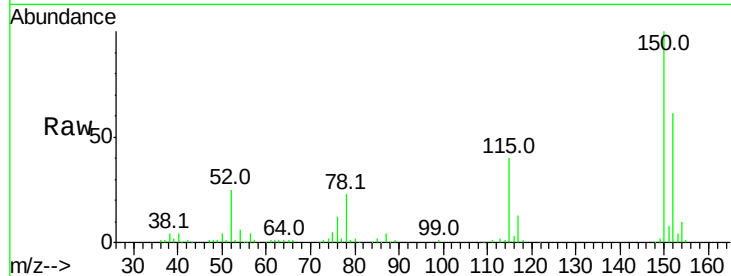
Tot Ion:152 Resp: 80346

Ion Ratio Lower Upper

152 100

150 163.5 126.2 189.2

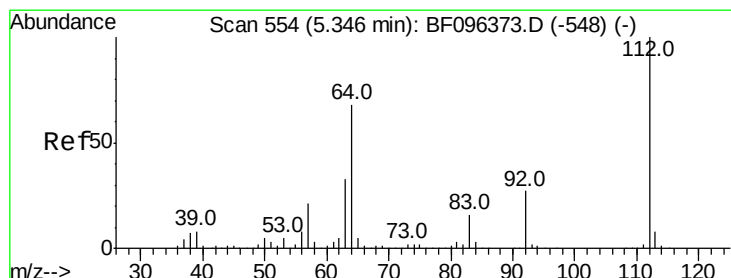
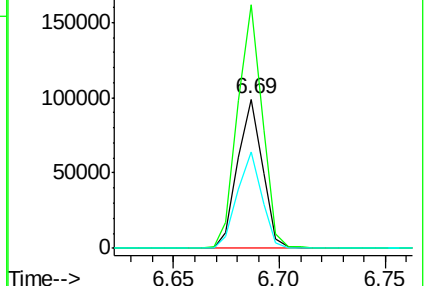
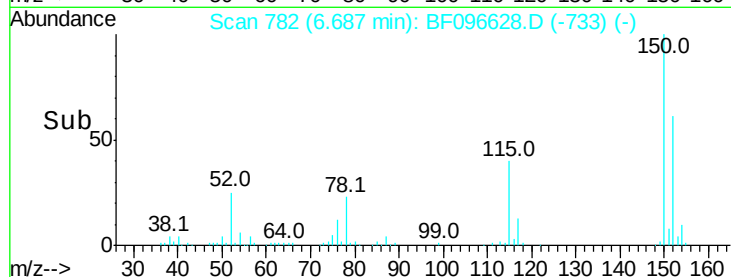
115 65.1 52.2 78.2



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: 23.56 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

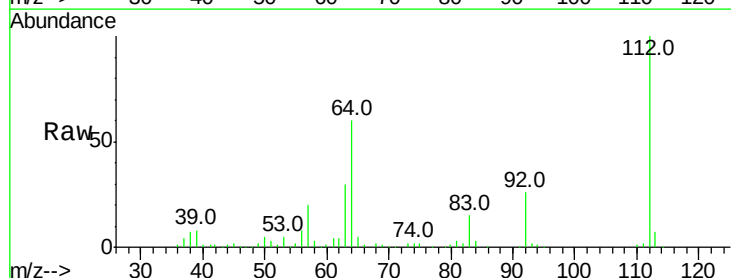
Tgt Ion:112 Resp: 128274

Ion Ratio Lower Upper

112 100

64 60.2 46.0 69.0

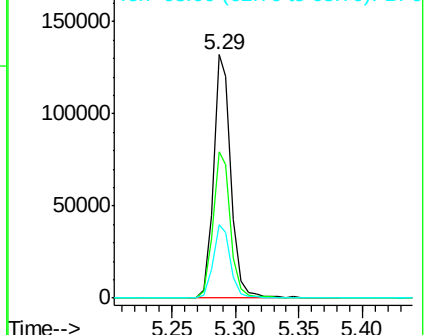
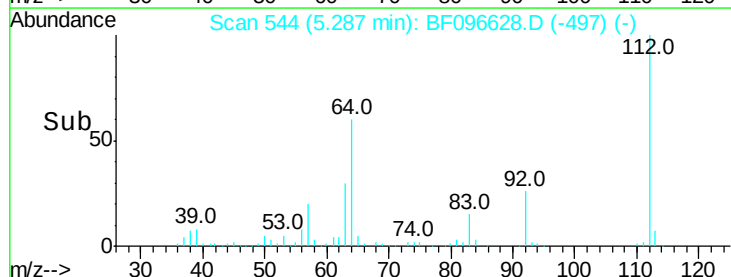
63 30.2 23.4 35.0

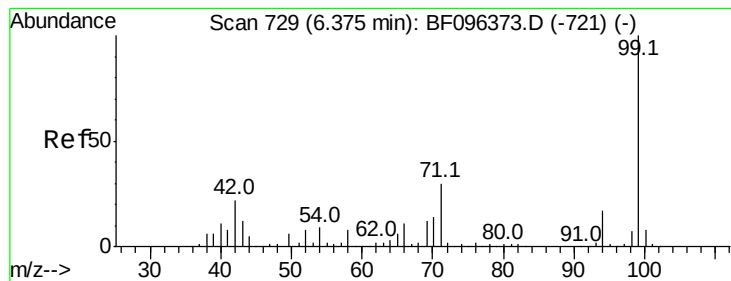


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.84 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

EO-03-070717-A

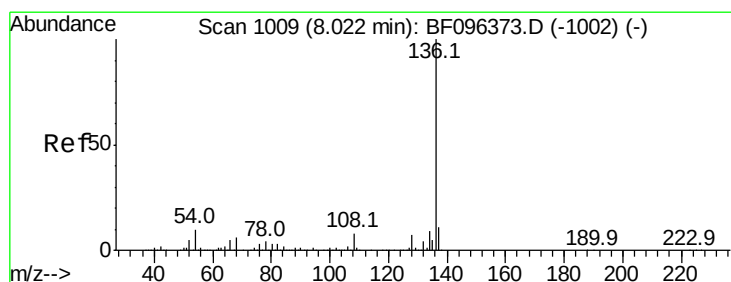
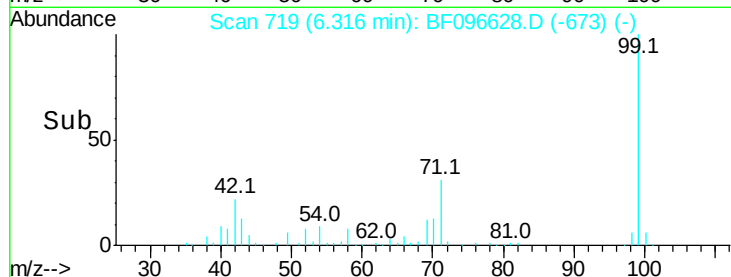
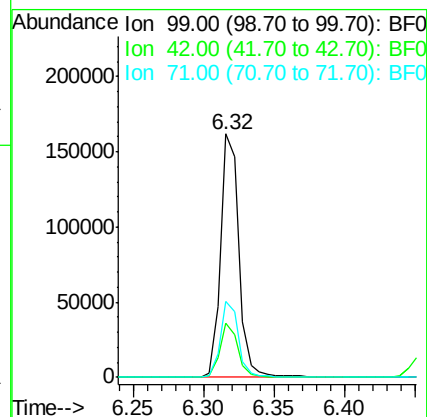
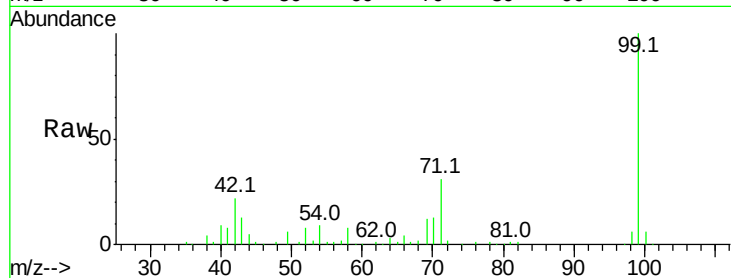
Tot Ion: 99 Resp: 146162

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

Tgt Ion: 136 Resp: 297713

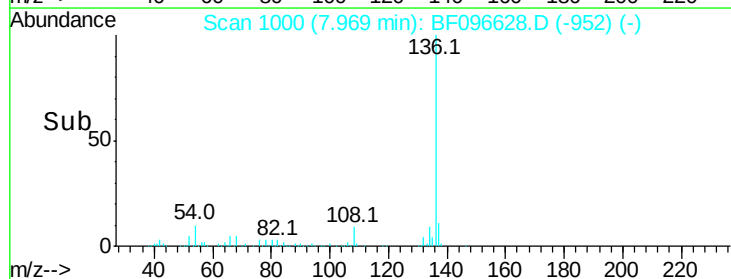
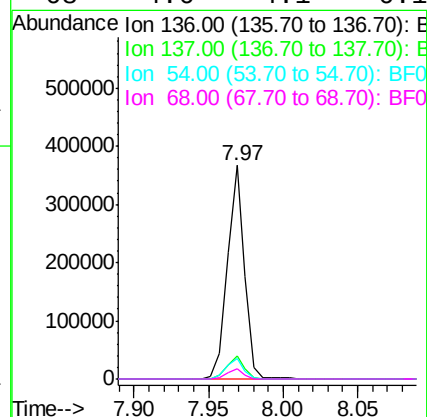
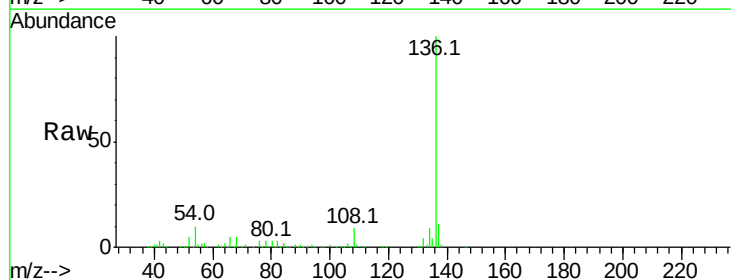
Ion Ratio Lower Upper

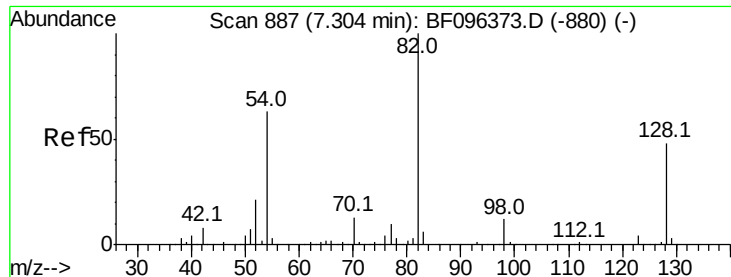
136 100

137 10.6 8.5 12.7

54 9.6 4.9 7.3#

68 4.6 4.1 6.1

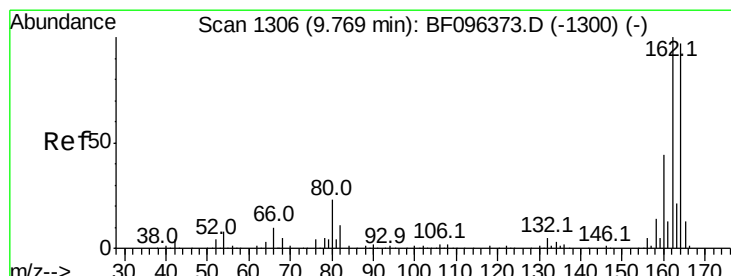
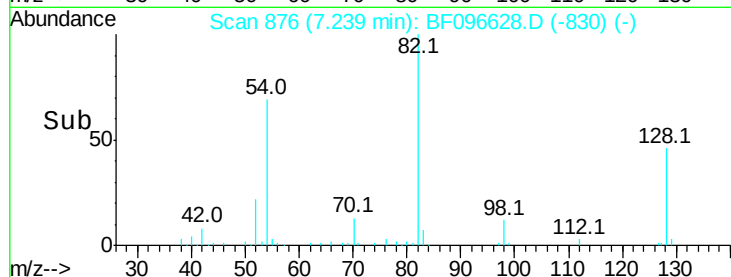
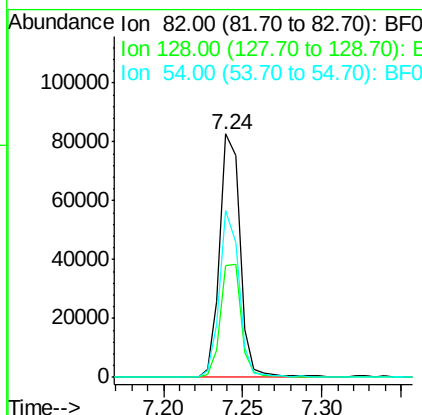
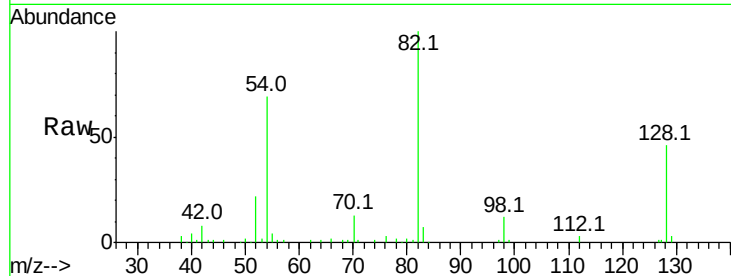




#23
 Nitrobenzene-d5
 Concen: 15.03 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096628.D
 Acq: 11 Jul 2017 3:48

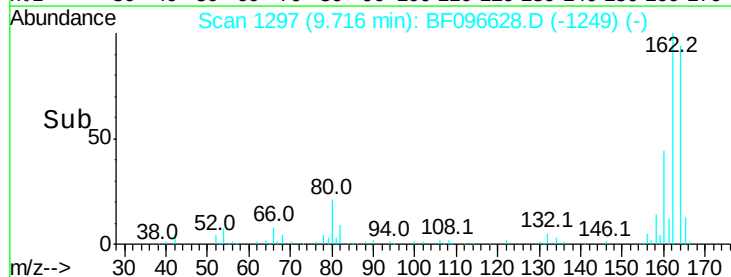
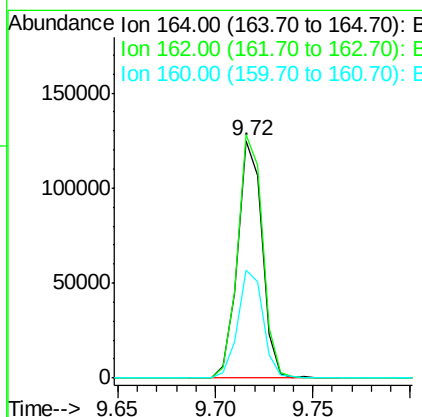
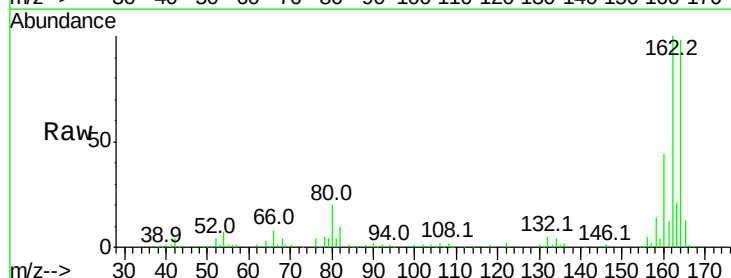
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-070717-A

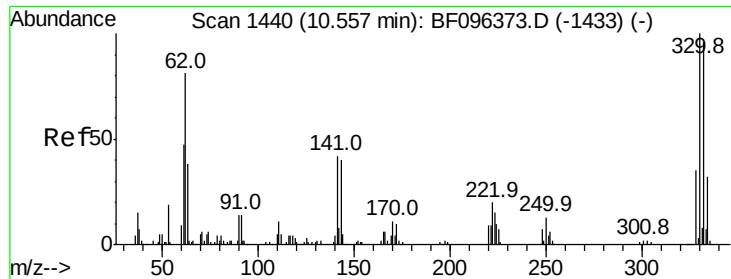
Tot Ion: 82 Resp: 74481
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 68.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096628.D
 Acq: 11 Jul 2017 3:48

Tgt Ion:164 Resp: 109438
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.3 36.2 54.2

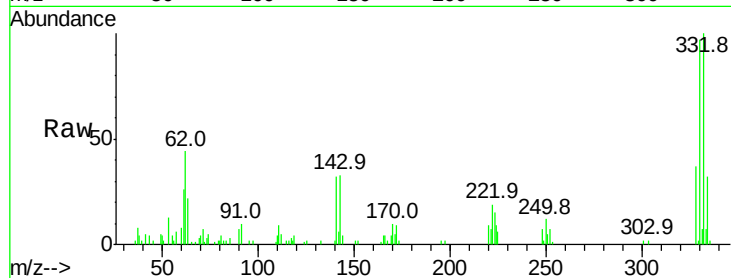




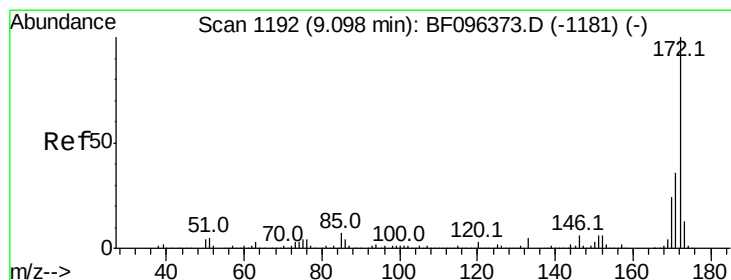
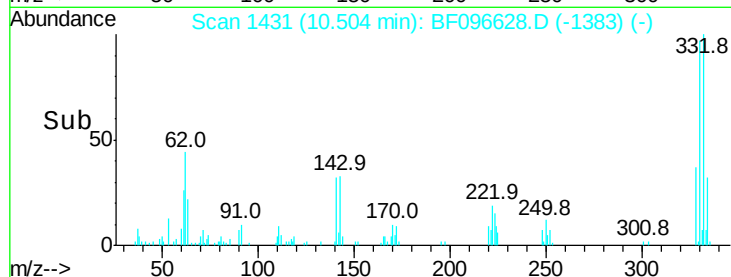
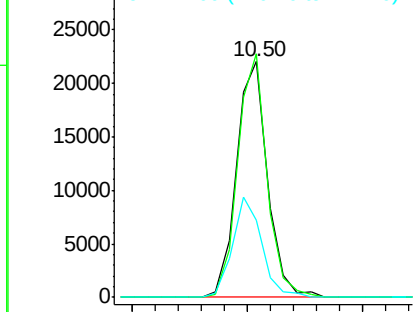
#41
 2,4,6-Tribromophenol
 Concen: 24.05 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096628.D
 Acq: 11 Jul 2017 3:48

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-070717-A

Tot Ion:330 Resp: 20557
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.9 31.4 47.2

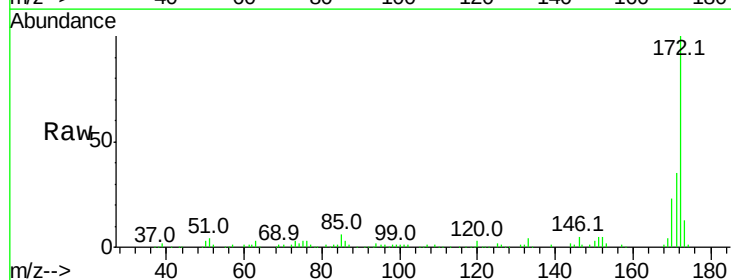


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

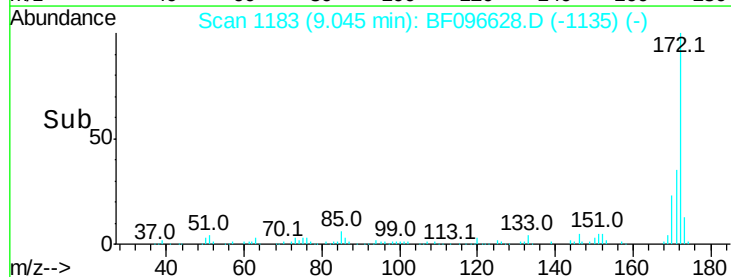
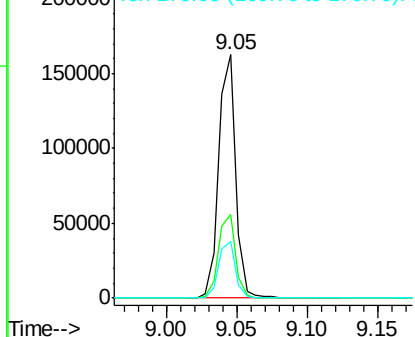


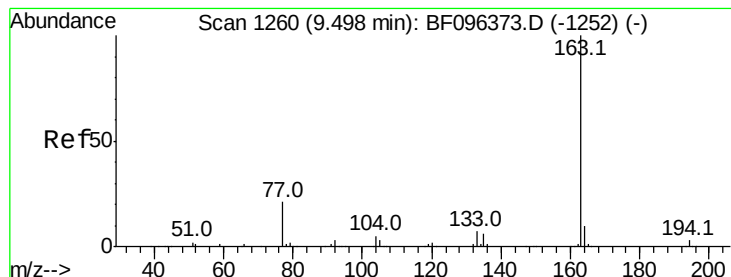
#44
 2-Fluorobiphenyl
 Concen: 21.24 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096628.D
 Acq: 11 Jul 2017 3:48

Tgt Ion:172 Resp: 135970
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.4 19.8 29.8



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





#49

Dimethylphthalate

Concen: 4.54 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

EO-03-070717-A

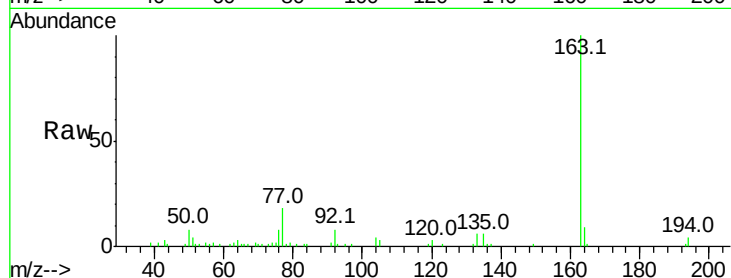
Tot Ion:163 Resp: 37118

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

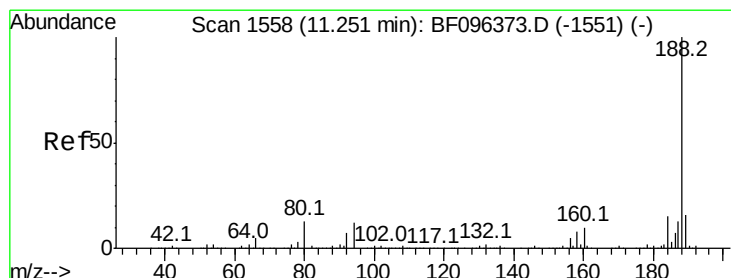
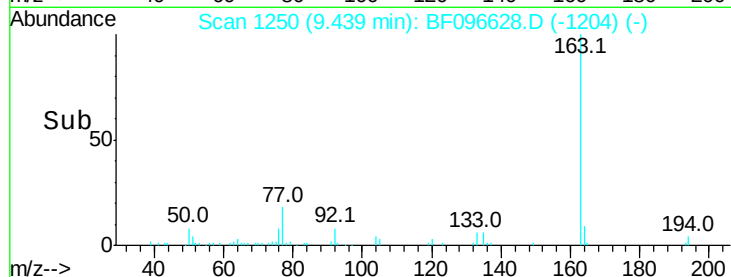
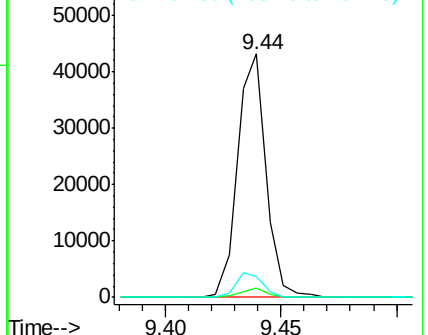
164 8.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

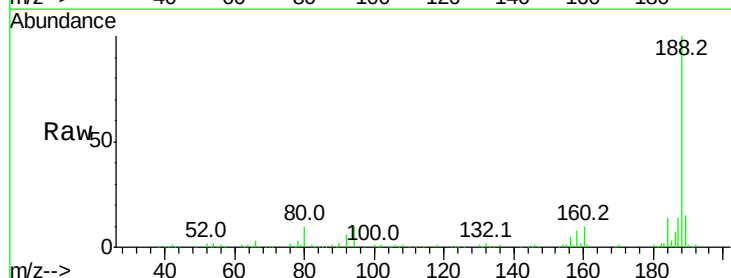
Tgt Ion:188 Resp: 180380

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

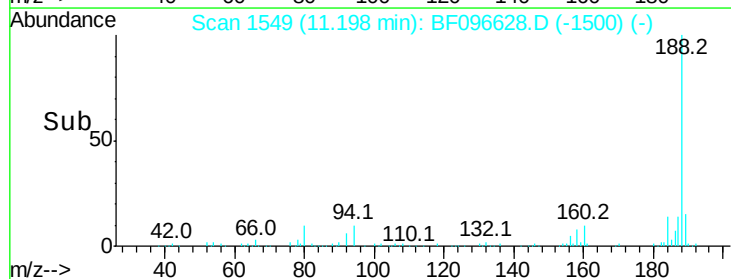
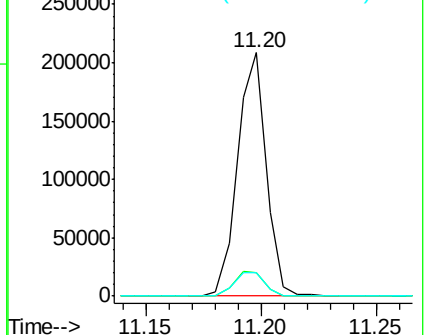
80 9.7 10.2 15.2#

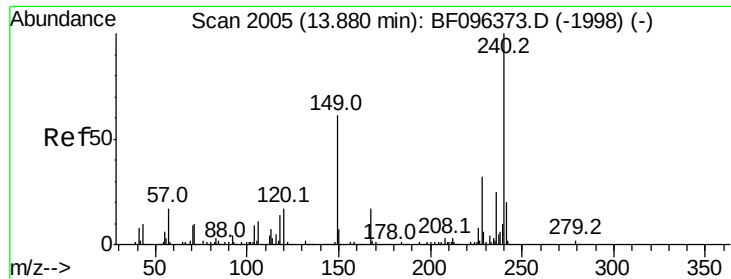


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

EO-03-070717-A

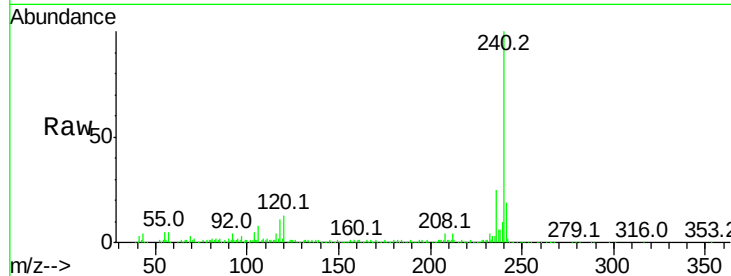
Tot Ion:240 Resp: 186746

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

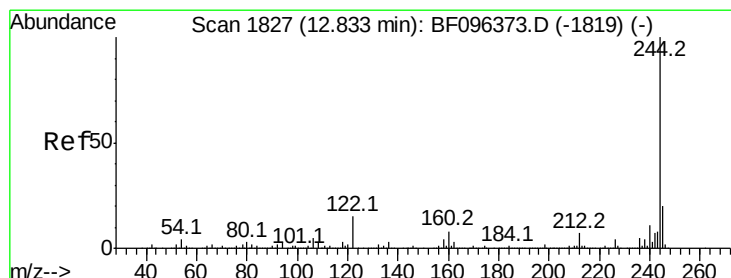
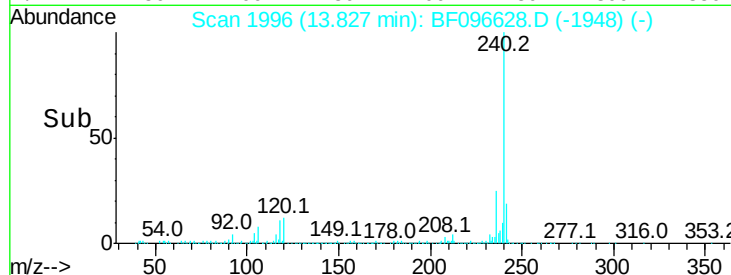
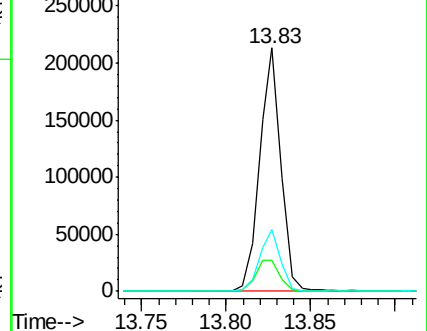
236 25.5 20.5 30.7



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: 12.37 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096628.D

Acq: 11 Jul 2017 3:48

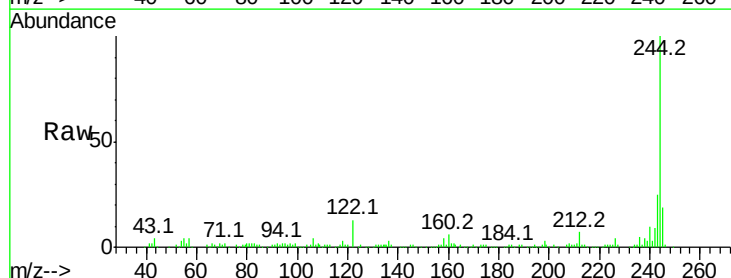
Tgt Ion:244 Resp: 108127

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

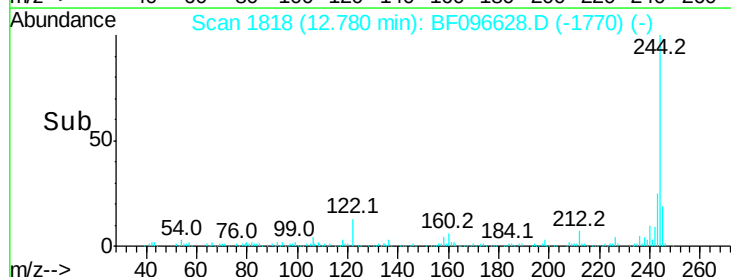
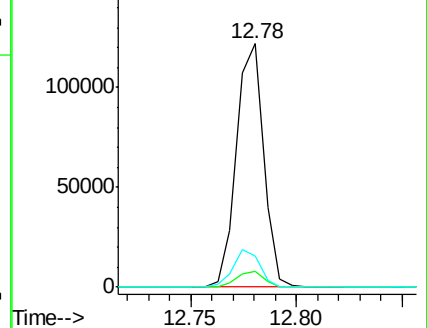
122 12.6 10.3 15.5

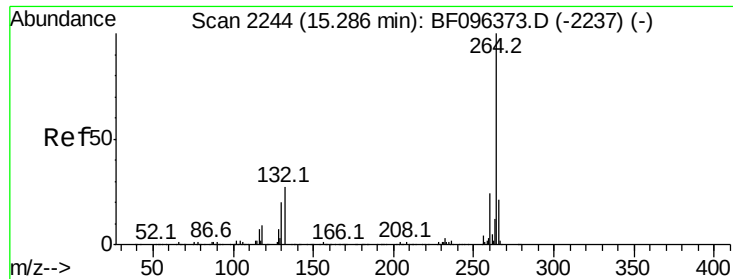


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

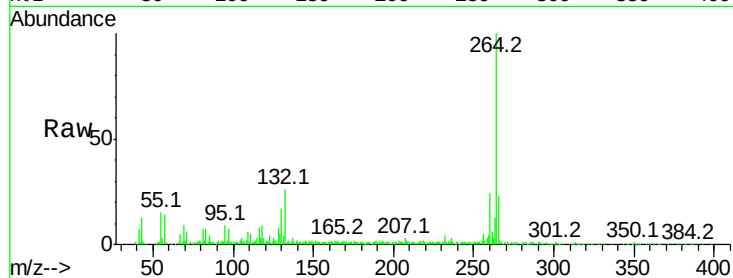




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096628.D
Acq: 11 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :
EO-03-070717-A

Tot Ion:	264	Resp:	123700
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	22.9	17.2	25.8



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

