

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096896.D
 Acq On : 20 Jul 2017 9:10
 Operator : SJ/JU
 Sample : I4245-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-A

Quant Time: Jul 20 15:49:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	99282	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	468125	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	164108	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	248418	20.00	ng	0.00
75) Chrysene-d12	13.72	240	166087	20.00	ng	-0.01
86) Perylene-d12	15.10	264	130490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	810045	122.68	ng	0.01
7) Phenol-d6	6.25	99	802860	101.32	ng	0.00
23) Nitrobenzene-d5	7.16	82	580999	76.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	174309	124.44	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	981024	94.45	ng	-0.01
78) Terphenyl-d14	12.69	244	648168	67.68	ng	0.00

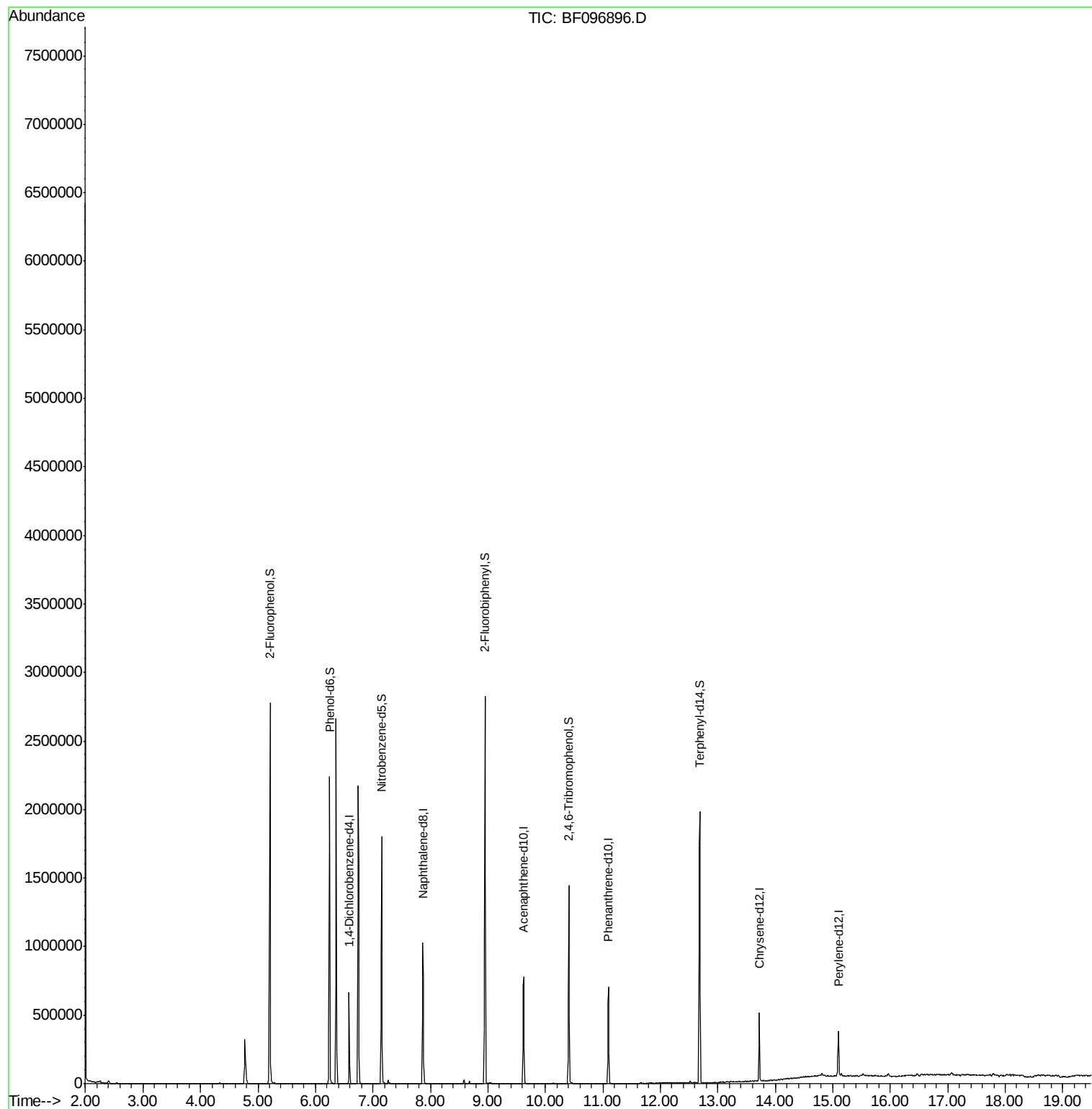
Target Compounds Qvalue

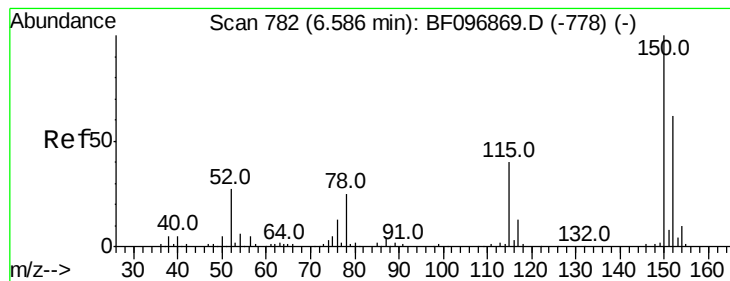
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071717-A

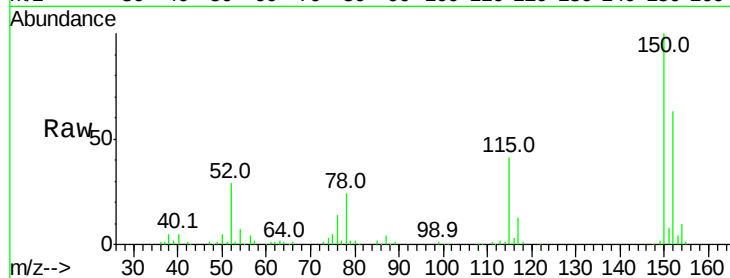
Tot Ion:152 Resp: 99282

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

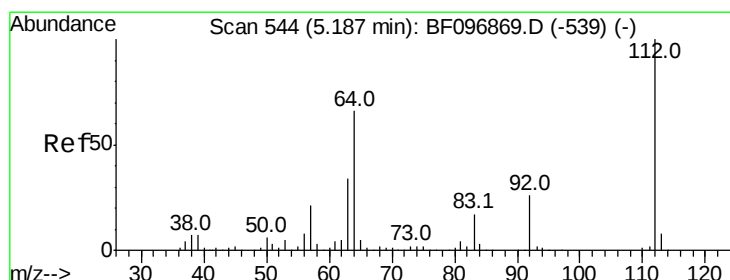
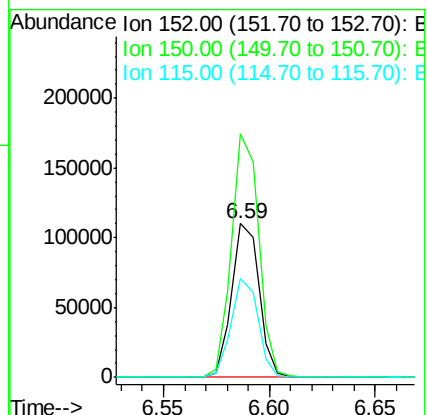
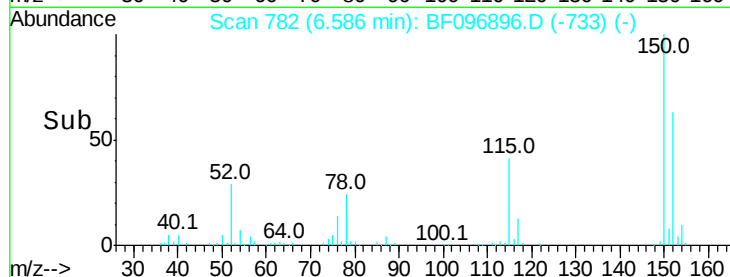
115 64.7 52.2 78.2



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: 122.678 ng

RT: 5.21 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

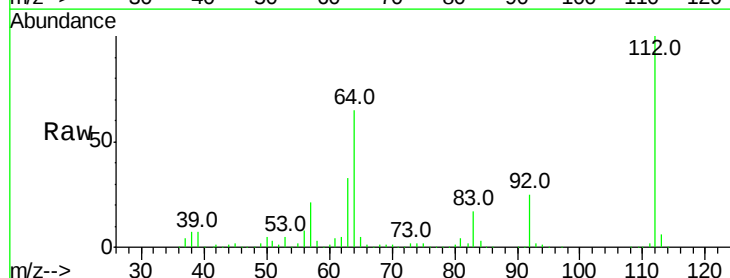
Tgt Ion:112 Resp: 810045

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

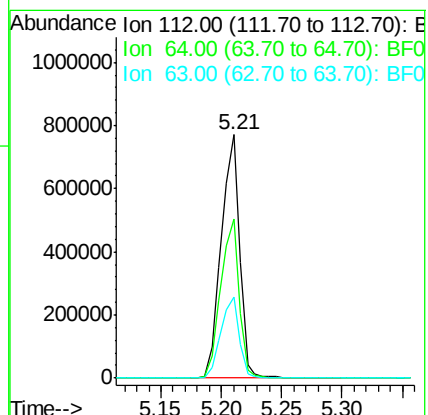
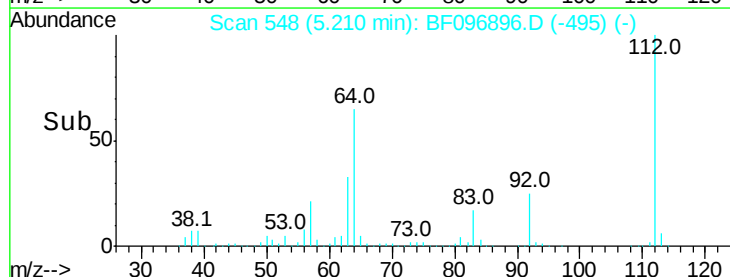
63 33.2 23.4 35.0

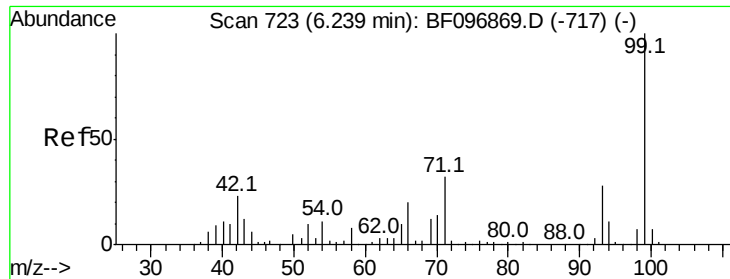


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.322 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071717-A

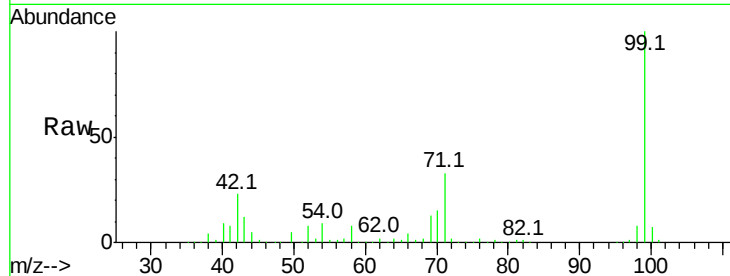
Tot Ion: 99 Resp: 802860

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

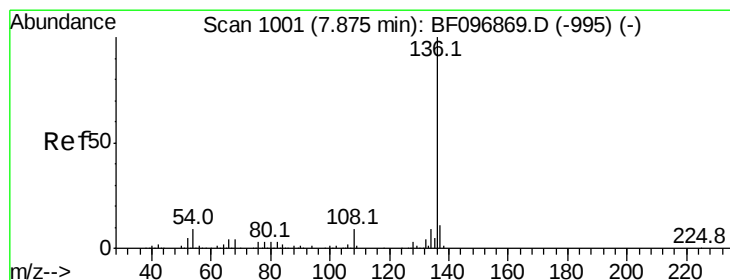
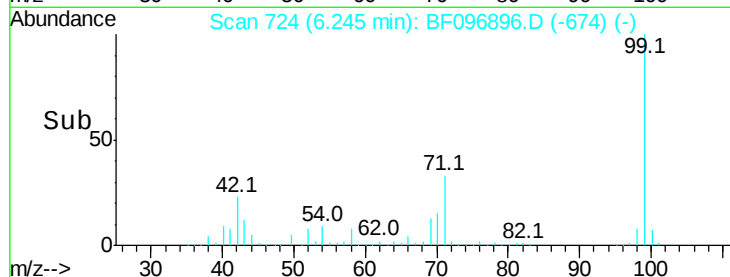
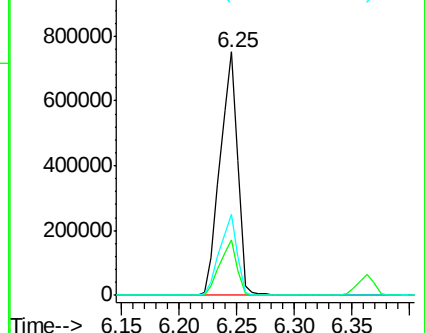
71 33.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

Tgt Ion: 136 Resp: 468125

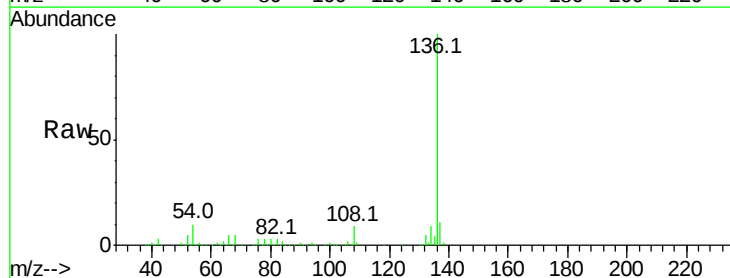
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 4.9 7.3#

68 5.0 4.1 6.1

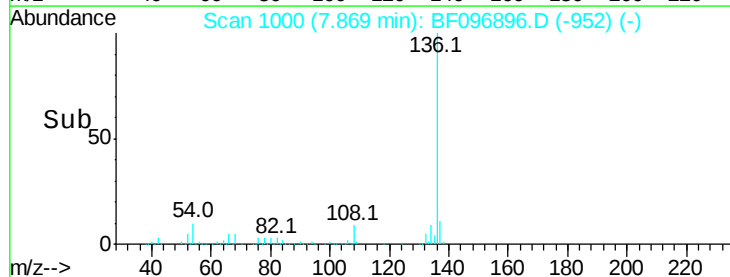
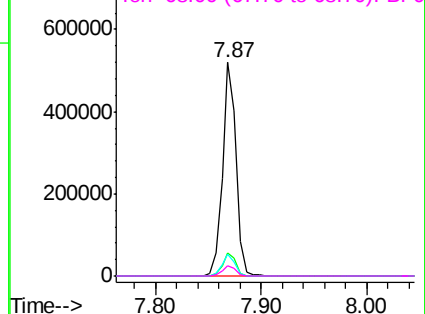


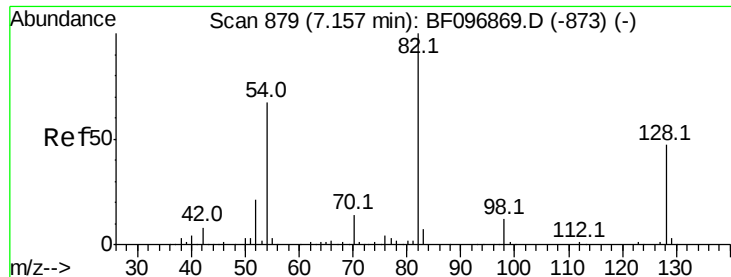
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

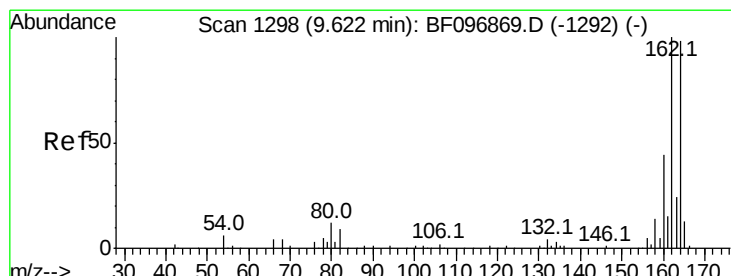
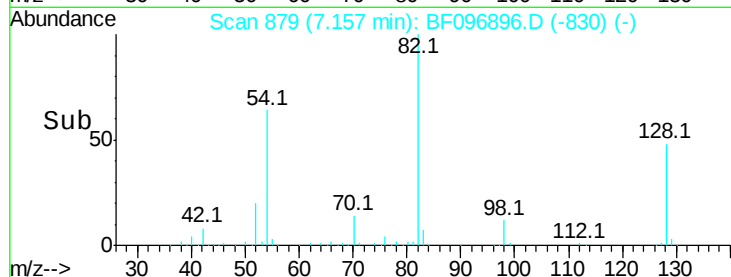
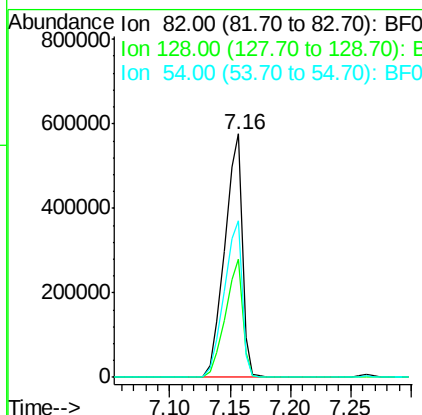
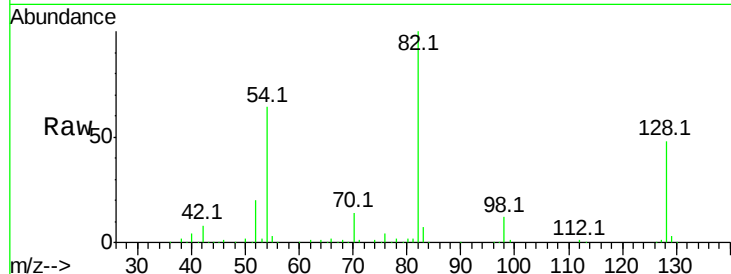




#23
 Nitrobenzene-d5
 Concen: 76.876 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096896.D
 Acq: 20 Jul 2017 9:10

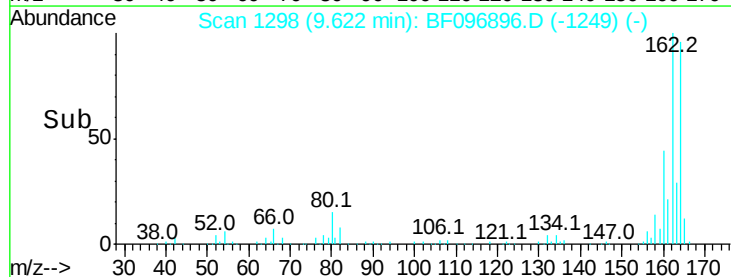
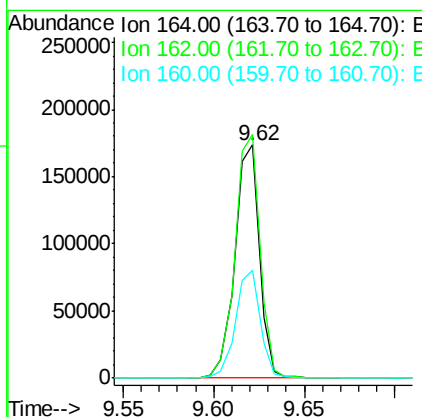
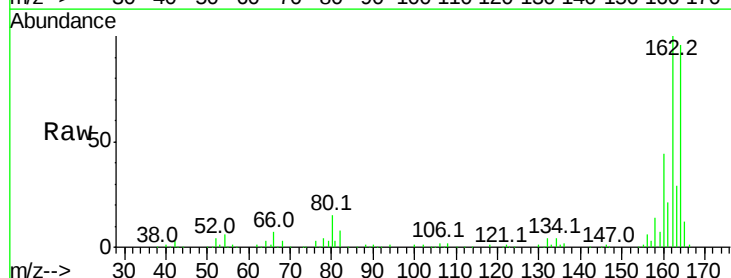
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-A

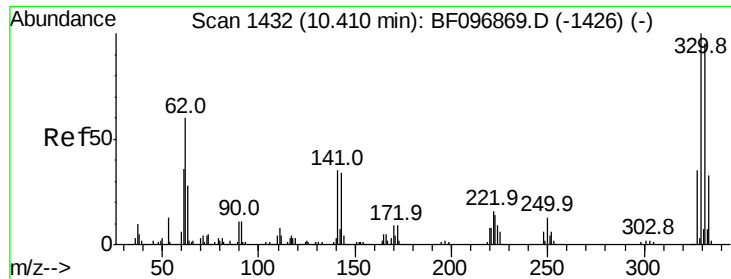
Tot Ion	82	Resp	580999
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	64.3	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096896.D
 Acq: 20 Jul 2017 9:10

Tgt Ion	164	Resp	164108
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.2	36.2	54.2

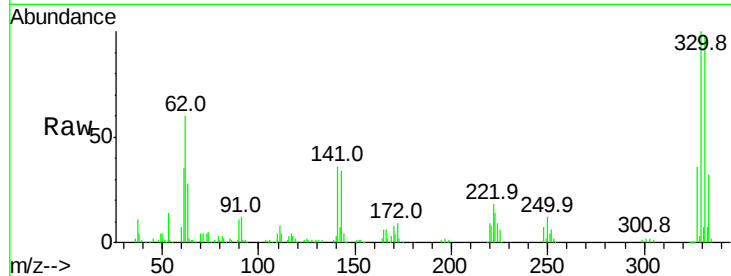




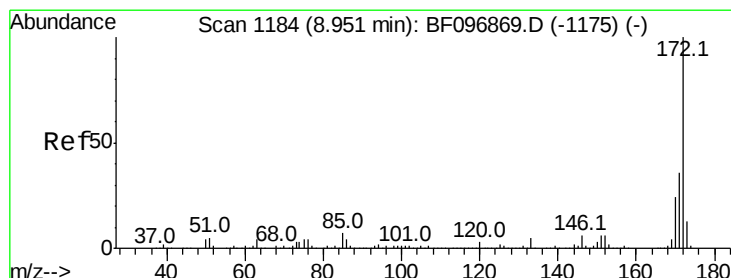
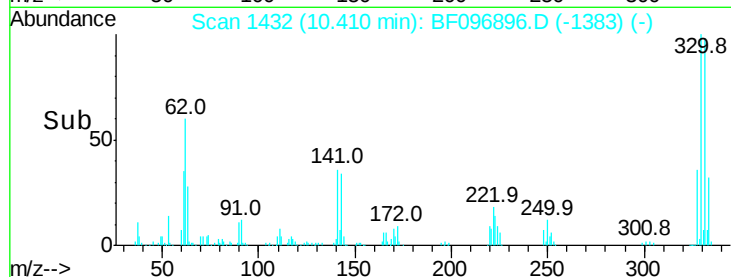
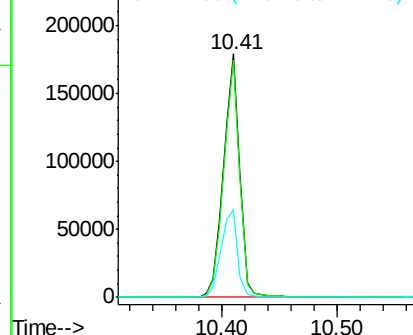
#41
 2,4,6-Tribromophenol
 Concen: 124.435 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096896.D
 Acq: 20 Jul 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.2	31.4	47.2

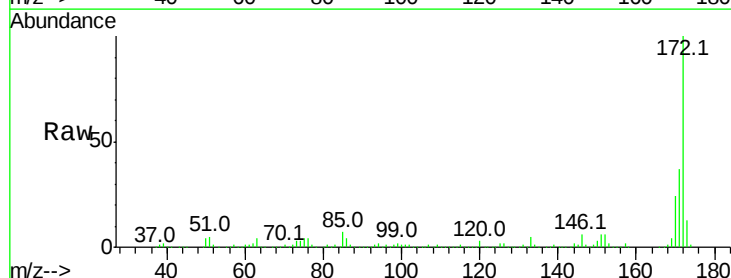


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

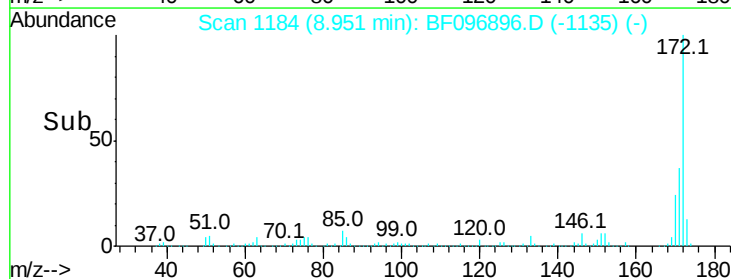
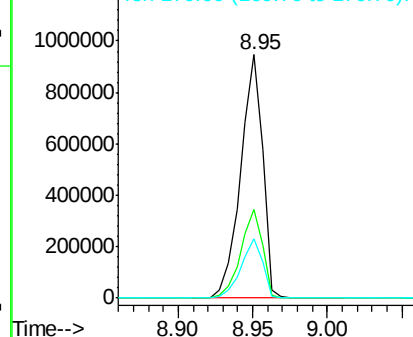


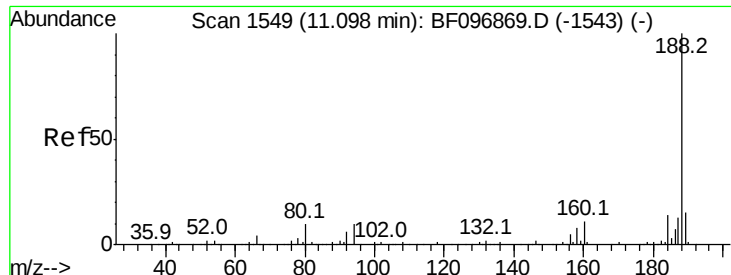
#44
 2-Fluorobiphenyl
 Concen: 94.446 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096896.D
 Acq: 20 Jul 2017 9:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	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

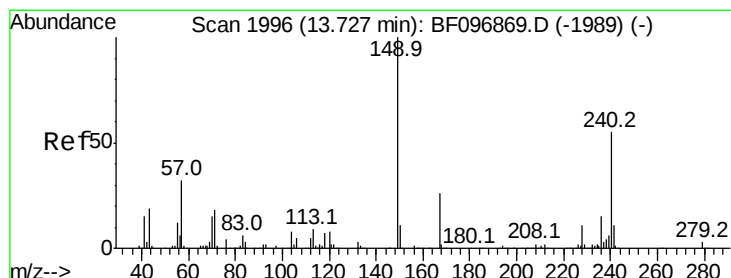
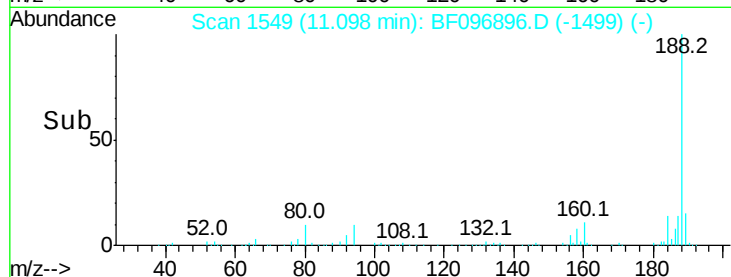
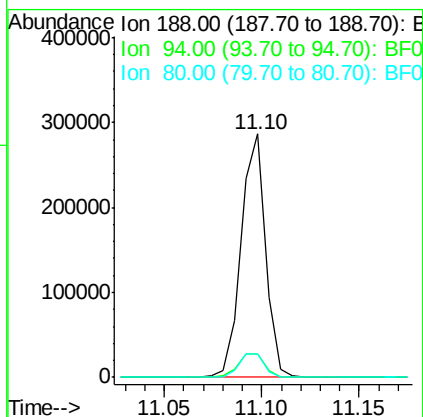
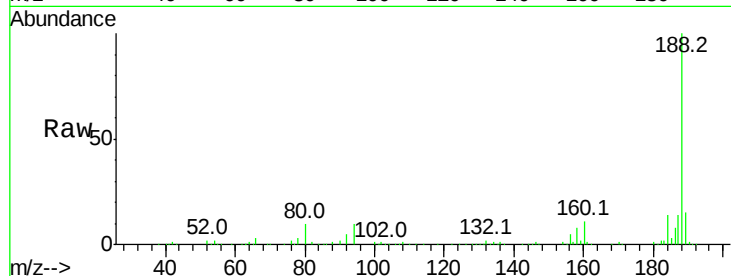




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

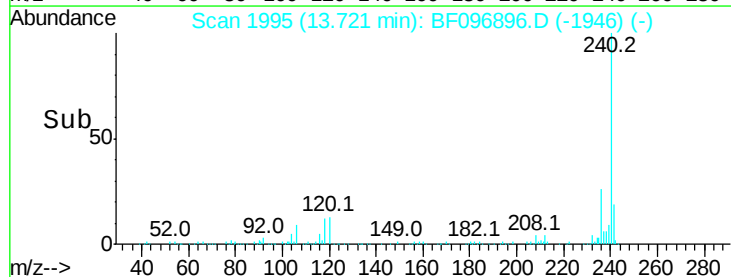
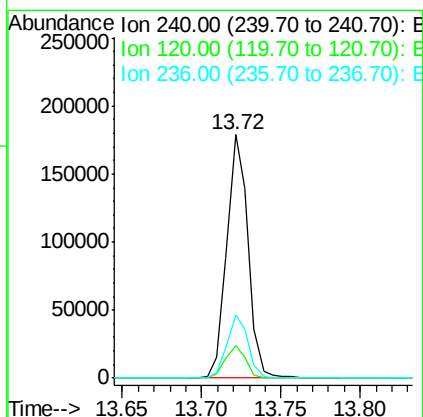
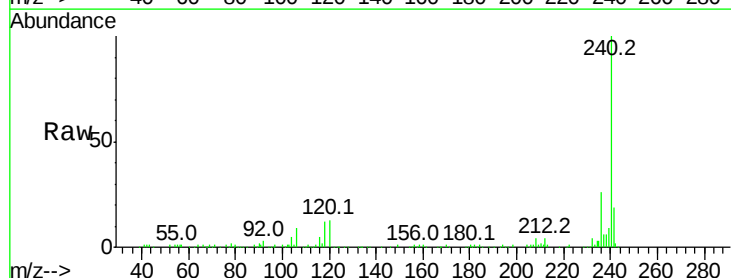
Instrument :
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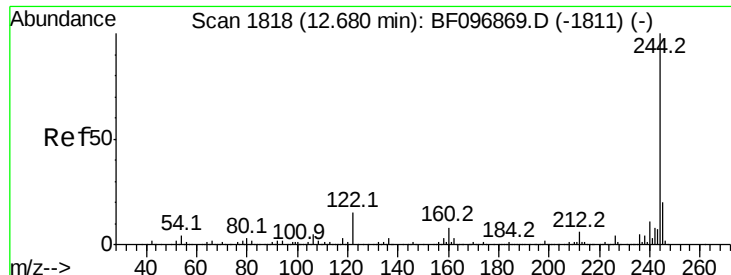
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	9.6	10.2	15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096896.D
Acq: 20 Jul 2017 9:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.8	20.5	30.7





#78

Terphenyl-d14

Concen: 67.681 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071717-A

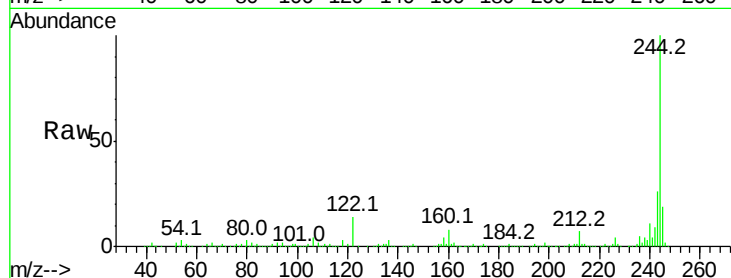
Tot Ion:244 Resp: 648168

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

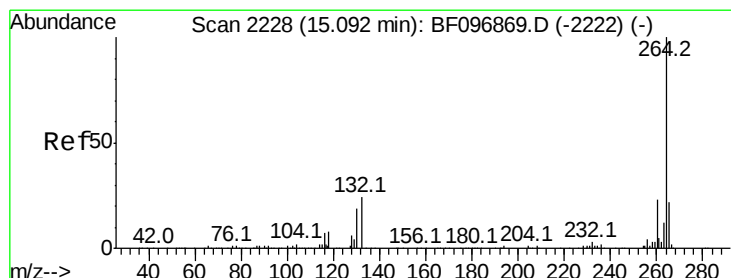
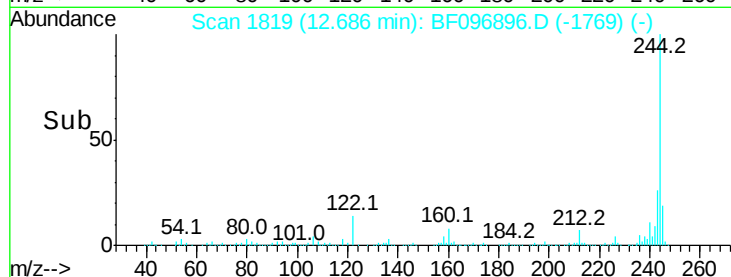
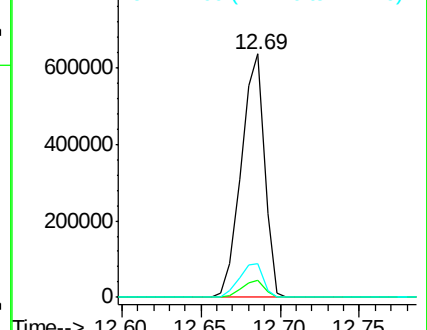
122 13.6 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096896.D

Acq: 20 Jul 2017 9:10

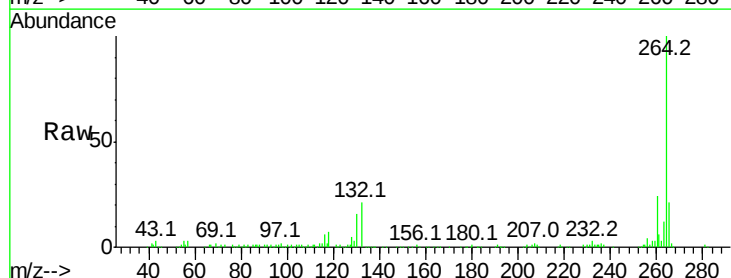
Tgt Ion:264 Resp: 130490

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.9 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

