

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098289.D
 Acq On : 6 Sep 2017 22:58
 Operator : SJ/JU
 Sample : I5053-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Quant Time: Sep 07 15:02:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

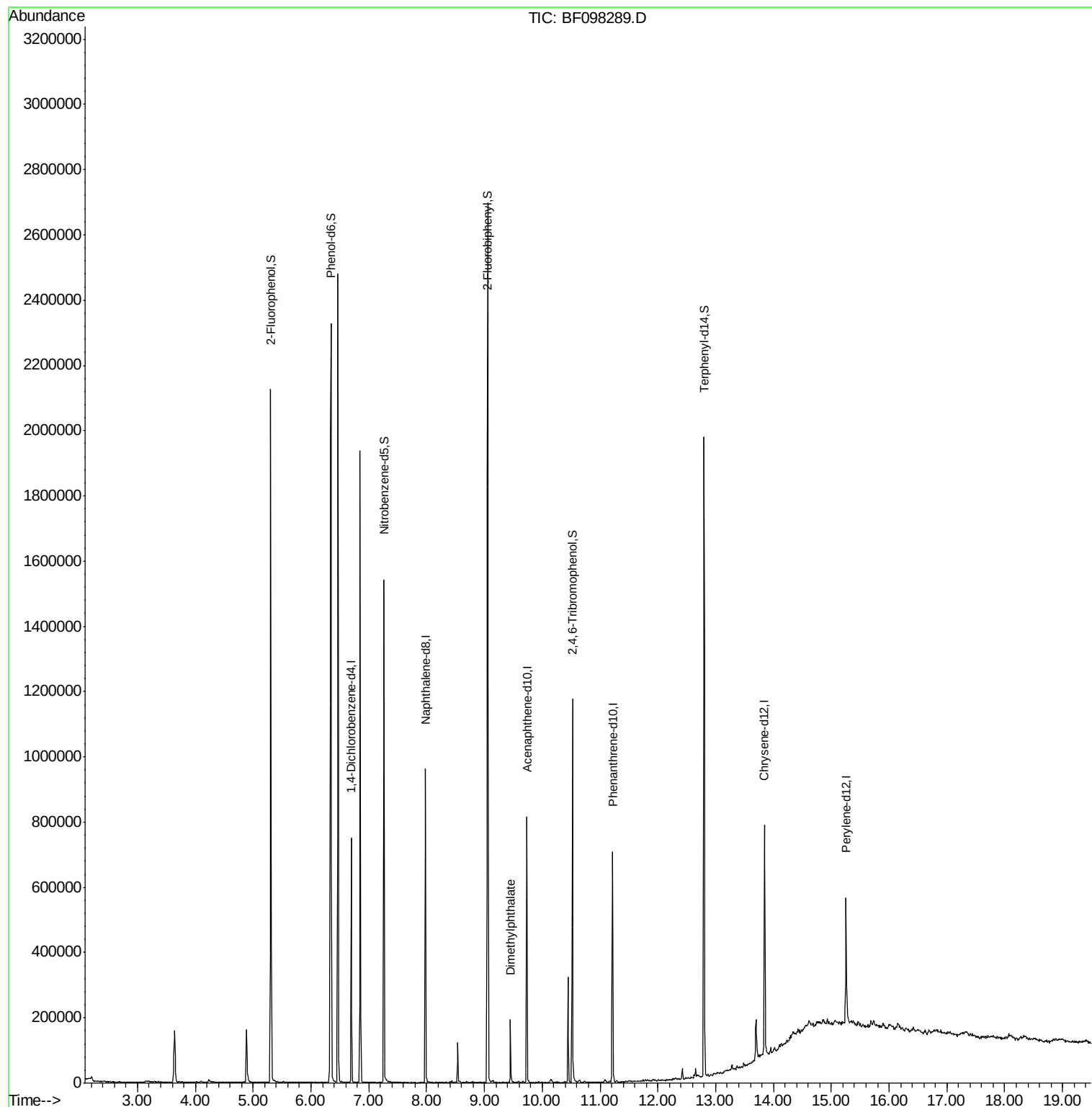
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104109	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	396639	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	150851	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246809	20.00	ng	0.00
75) Chrysene-d12	13.85	240	230200	20.00	ng	-0.02
86) Perylene-d12	15.26	264	162090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	668856	97.72	ng	0.00
7) Phenol-d6	6.35	99	901935	96.99	ng	0.00
23) Nitrobenzene-d5	7.26	82	533145	73.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	125010	95.51	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	801747	78.09	ng	-0.01
78) Terphenyl-d14	12.80	244	572506	51.86	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	66202	6.004	ng	99

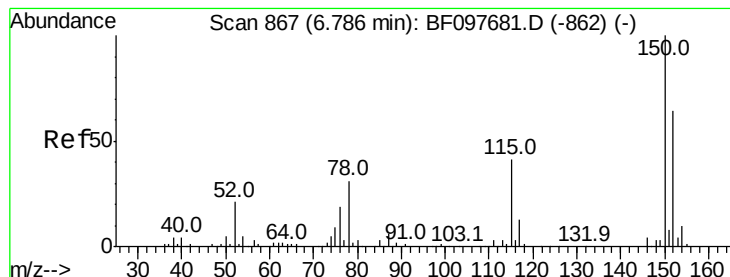
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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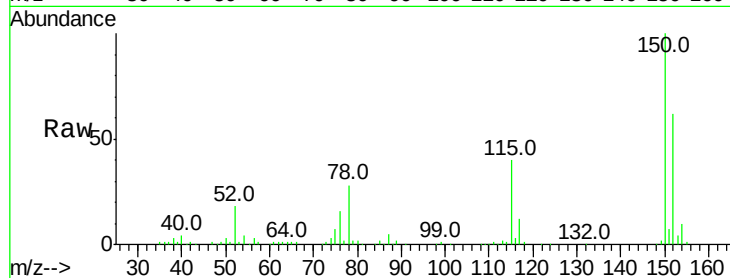


#1

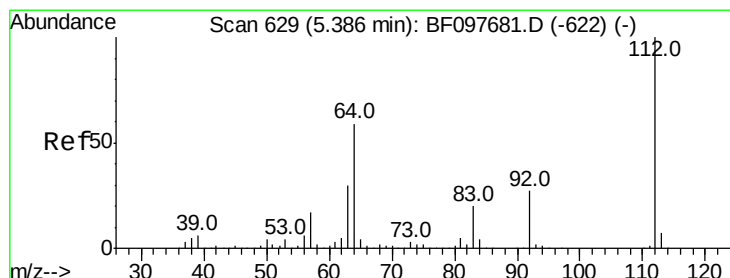
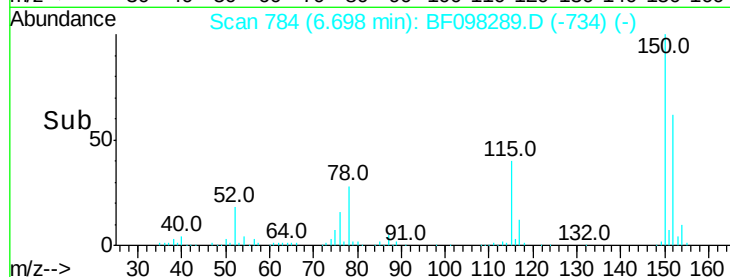
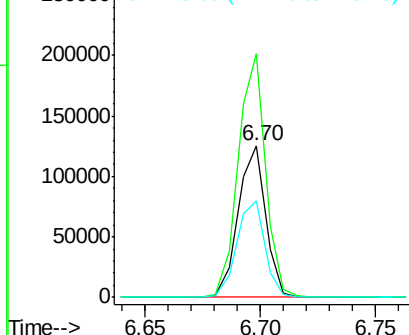
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Tot Ion:152 Resp: 104109
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.2 189.2
 115 63.9 52.2 78.2



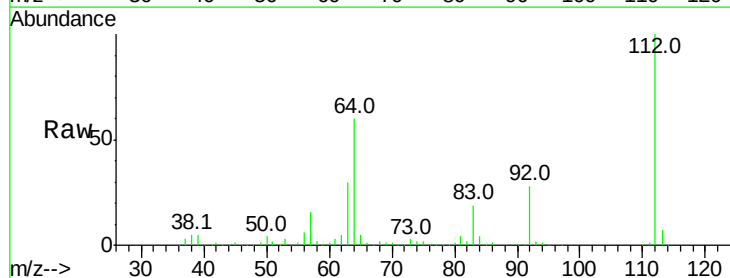
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



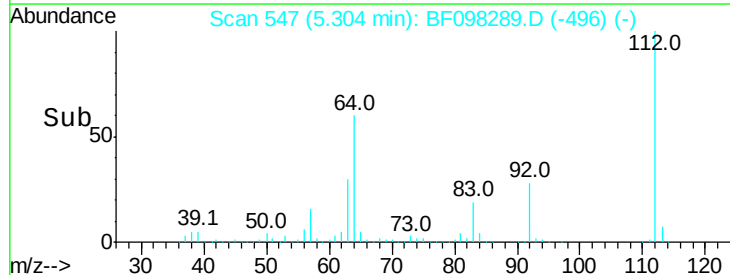
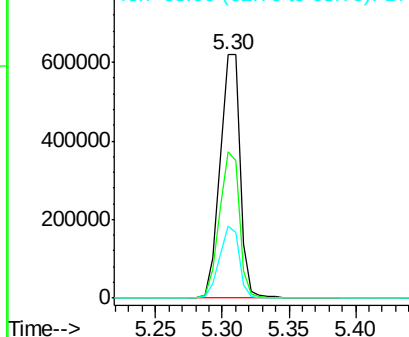
#5

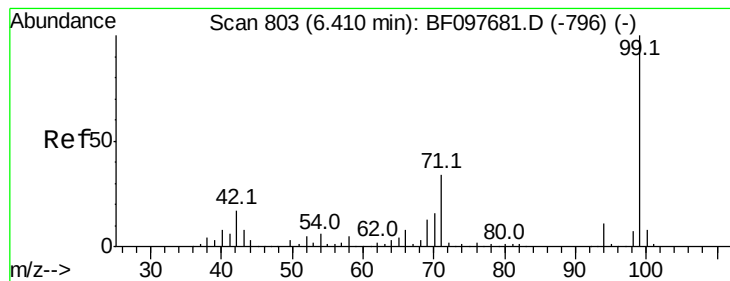
2-Fluorophenol
 Concen: 97.723 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Tgt Ion:112 Resp: 668856
 Ion Ratio Lower Upper
 112 100
 64 60.2 46.0 69.0
 63 29.8 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: 96.986 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

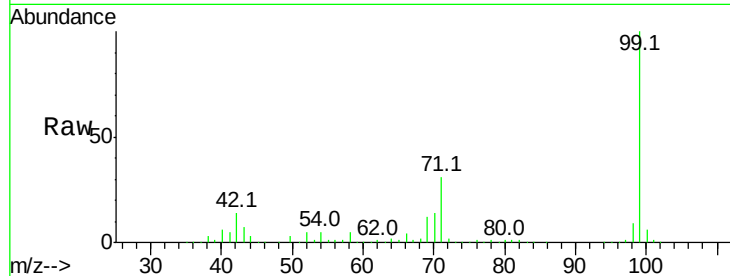
Tot Ion: 99 Resp: 901935

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

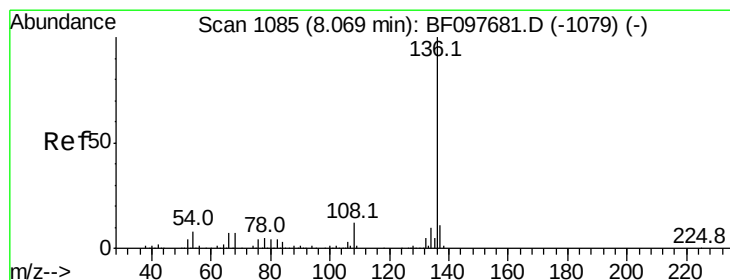
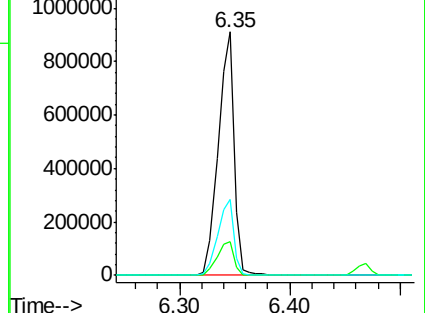
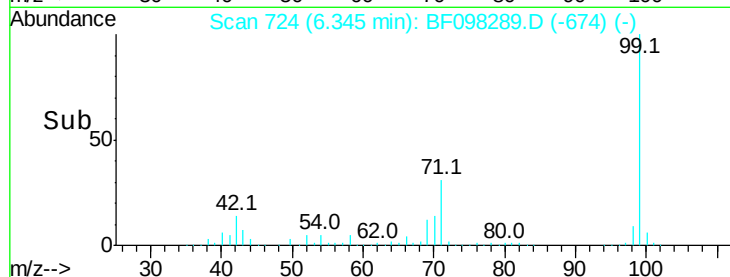
71 31.0 24.5 36.7



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Tgt Ion: 136 Resp: 396639

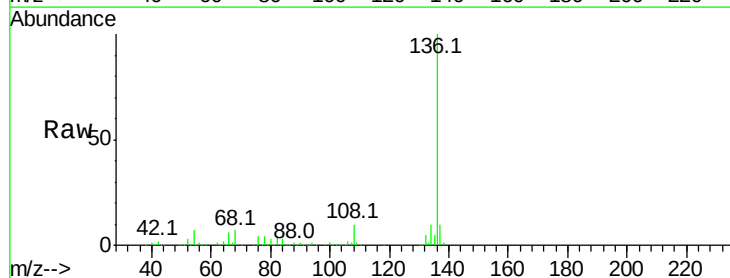
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.2 4.9 7.3

68 7.0 4.1 6.1#

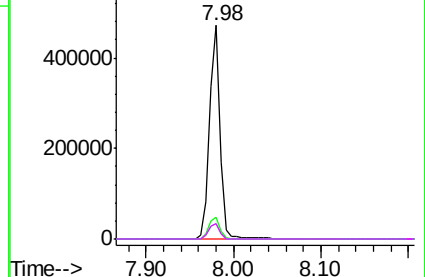
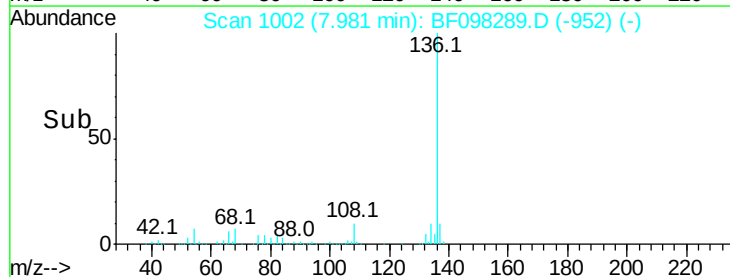


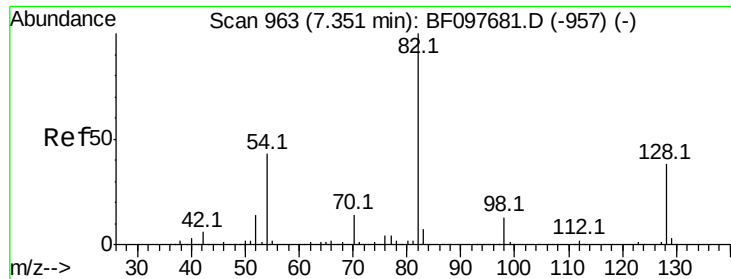
Abundance Ion 136.00 (135.70 to 136.70): E

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

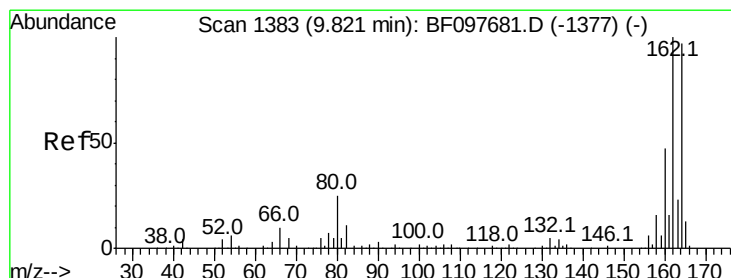
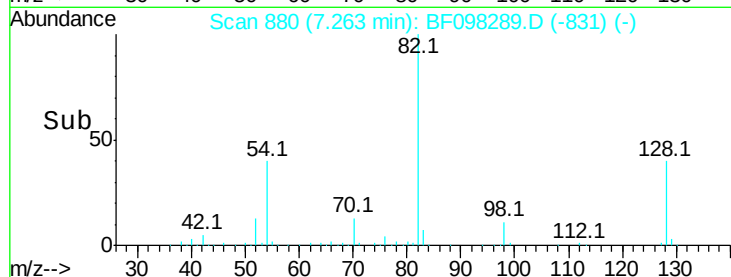
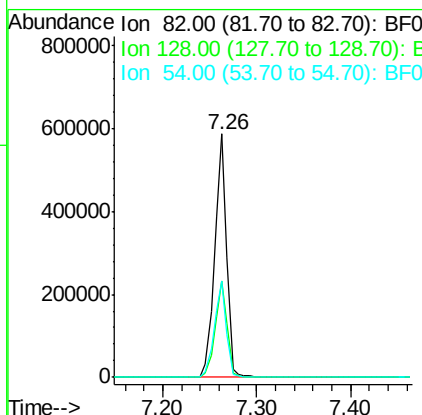
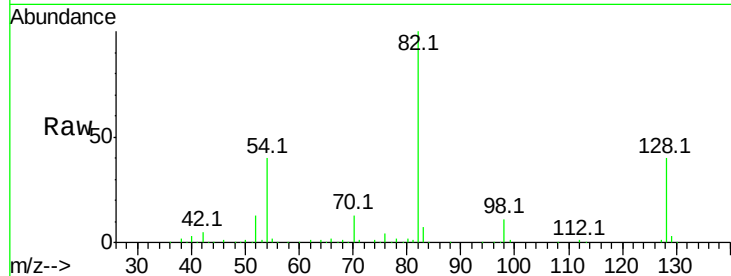




#23
 Nitrobenzene-d5
 Concen: 73.021 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

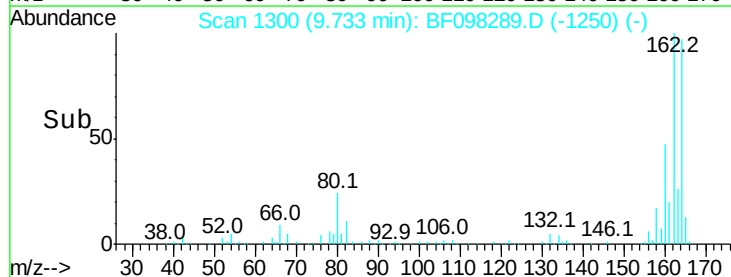
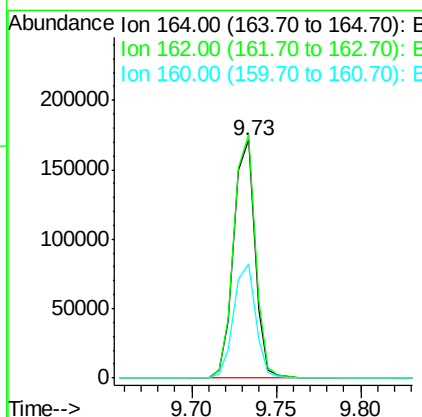
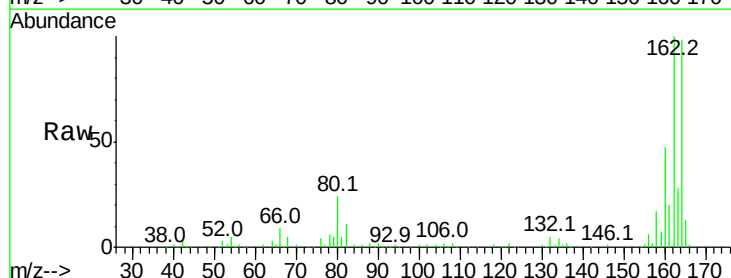
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

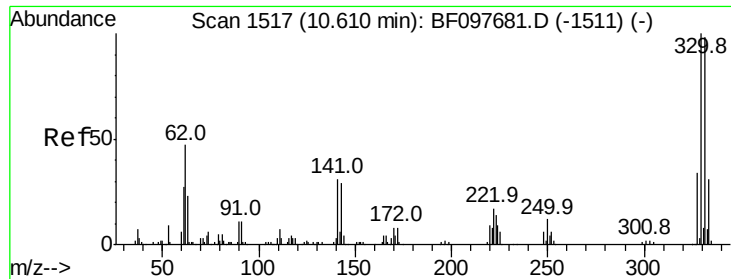
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	39.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	47.9	36.2	54.2

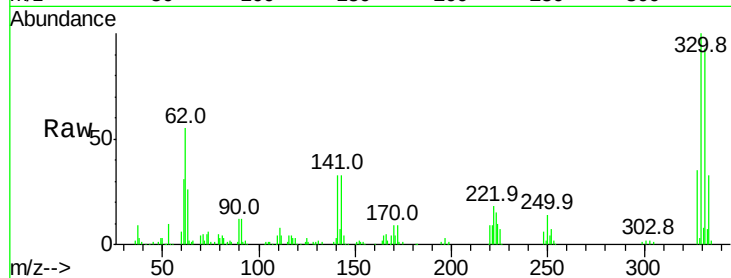




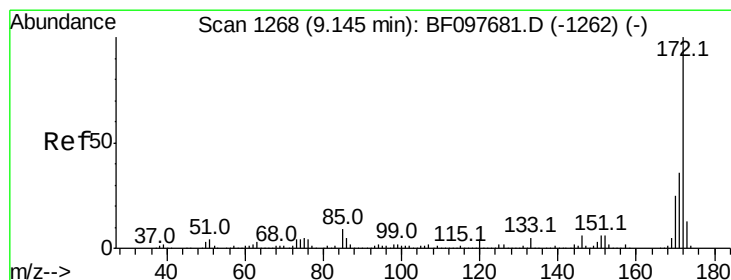
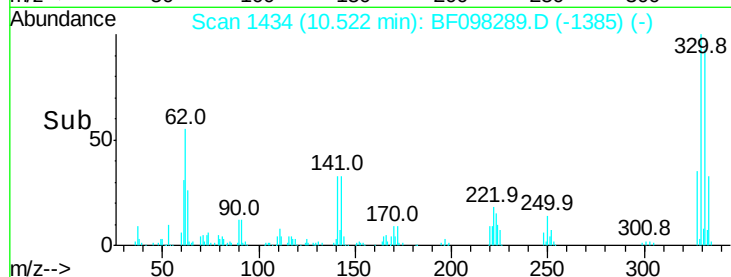
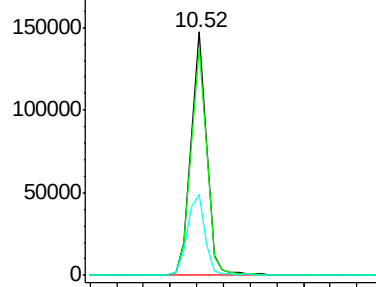
#41
 2,4,6-Tribromophenol
 Concen: 95.509 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.4	31.4	47.2

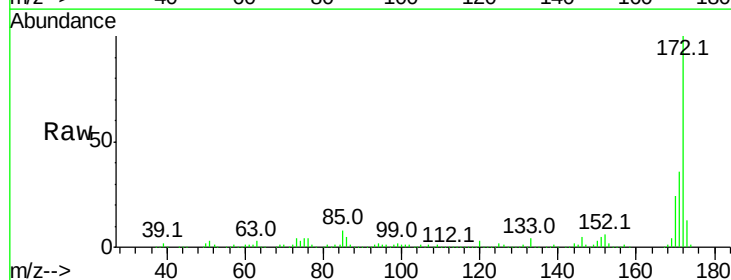


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

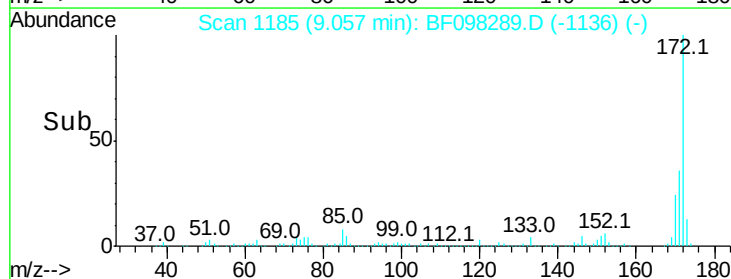
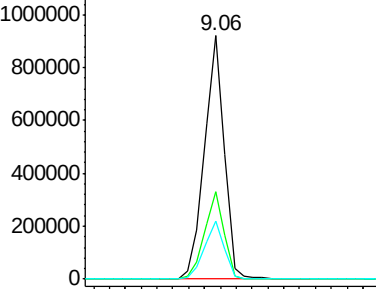


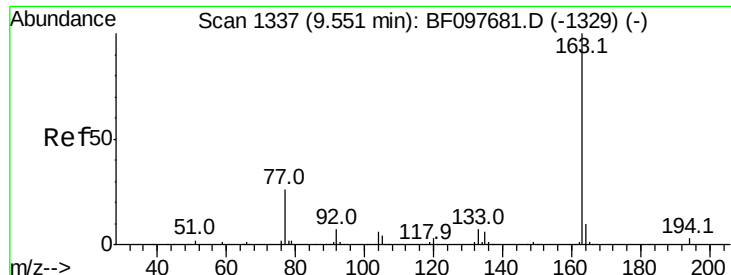
#44
 2-Fluorobiphenyl
 Concen: 78.086 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098289.D
 Acq: 6 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	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: 6.004 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

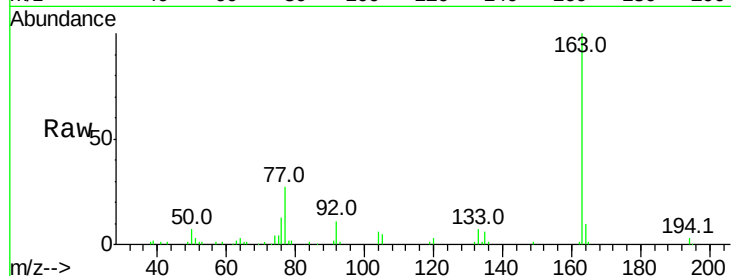
Tot Ion:163 Resp: 66202

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

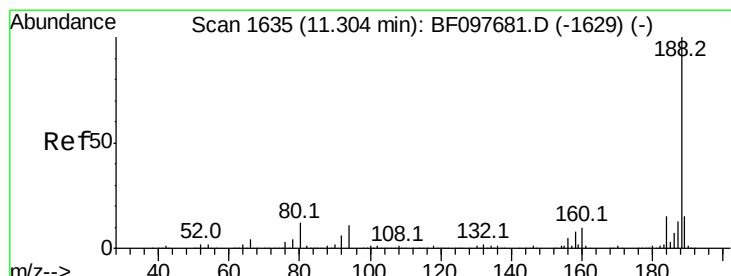
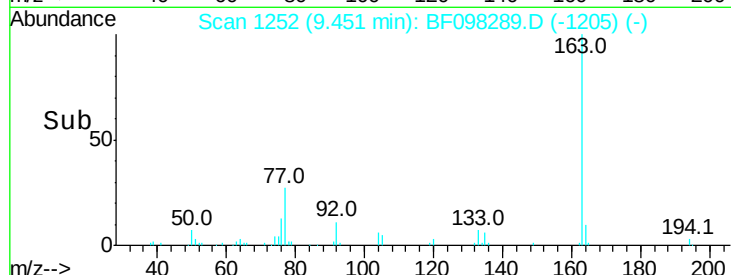
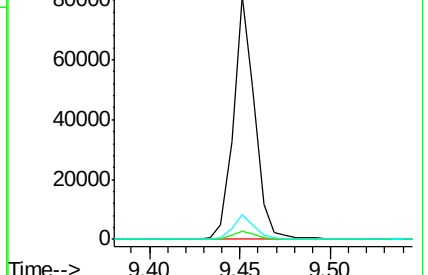
164 10.0 8.4 12.6



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: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

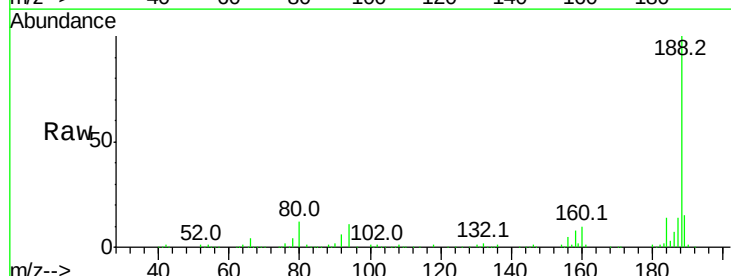
Tgt Ion:188 Resp: 246809

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

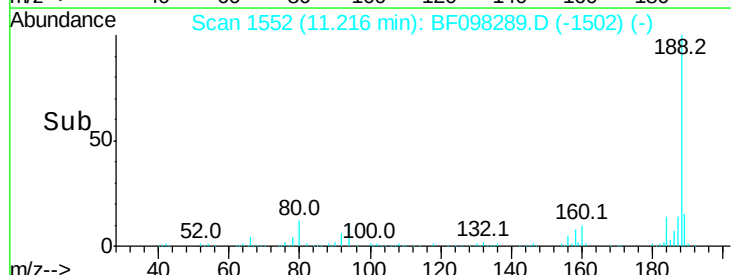
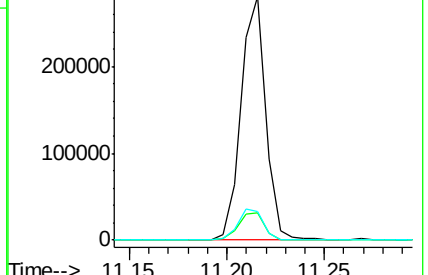
80 11.8 10.2 15.2

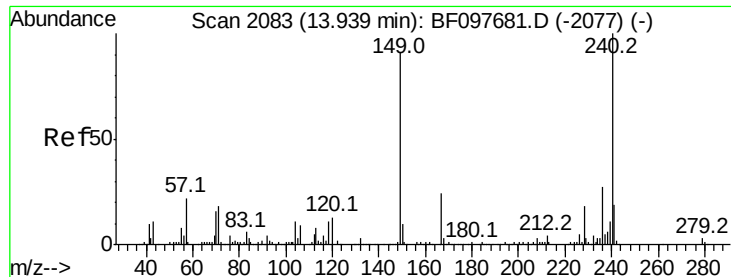


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

Instrument :

BNA_F

ClientSampleId :

G-62A-0-1.5

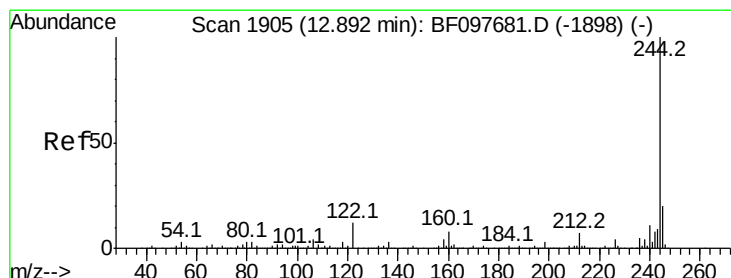
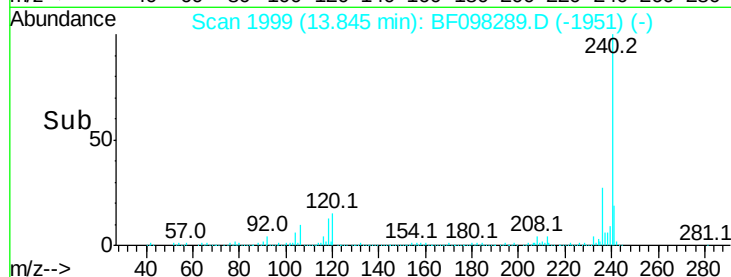
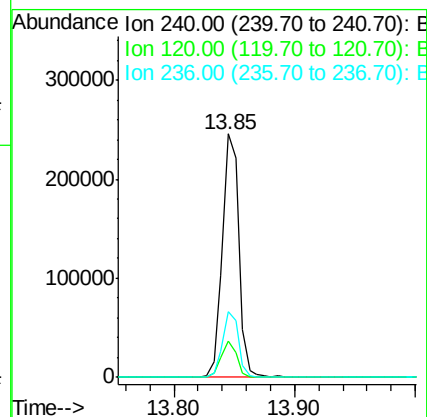
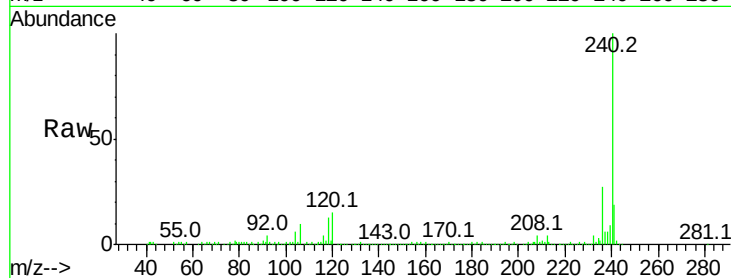
Tot Ion:240 Resp: 230200

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

236 26.9 20.5 30.7



#78

Terphenyl-d14

Concen: 51.862 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098289.D

Acq: 6 Sep 2017 22:58

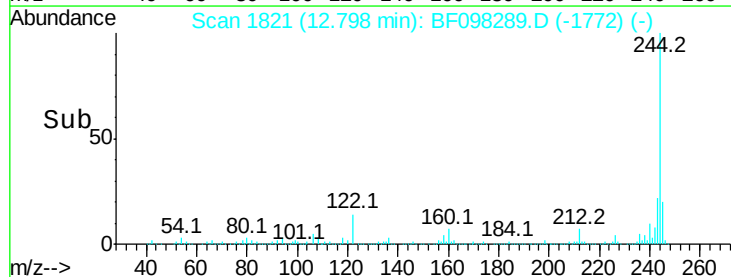
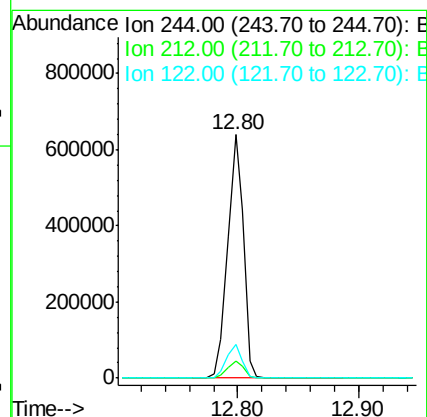
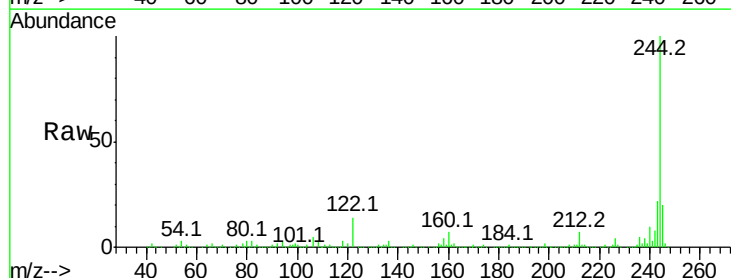
Tgt Ion:244 Resp: 572506

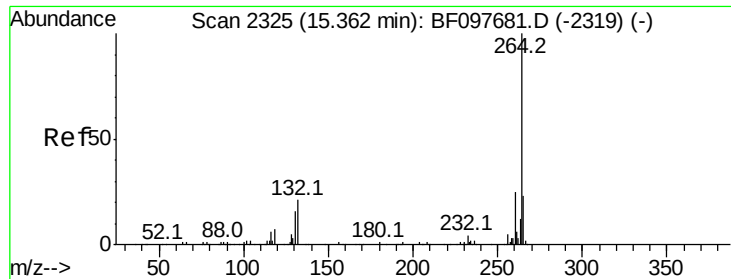
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 13.6 10.3 15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098289.D
Acq: 6 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G-62A-0-1.5

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.5	29.3	
265	20.5	17.2	25.8	

