

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089622.D
 Acq On : 5 Aug 2016 10:19
 Operator : UM/SJ
 Sample : H4287-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Quant Time: Aug 05 13:53:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

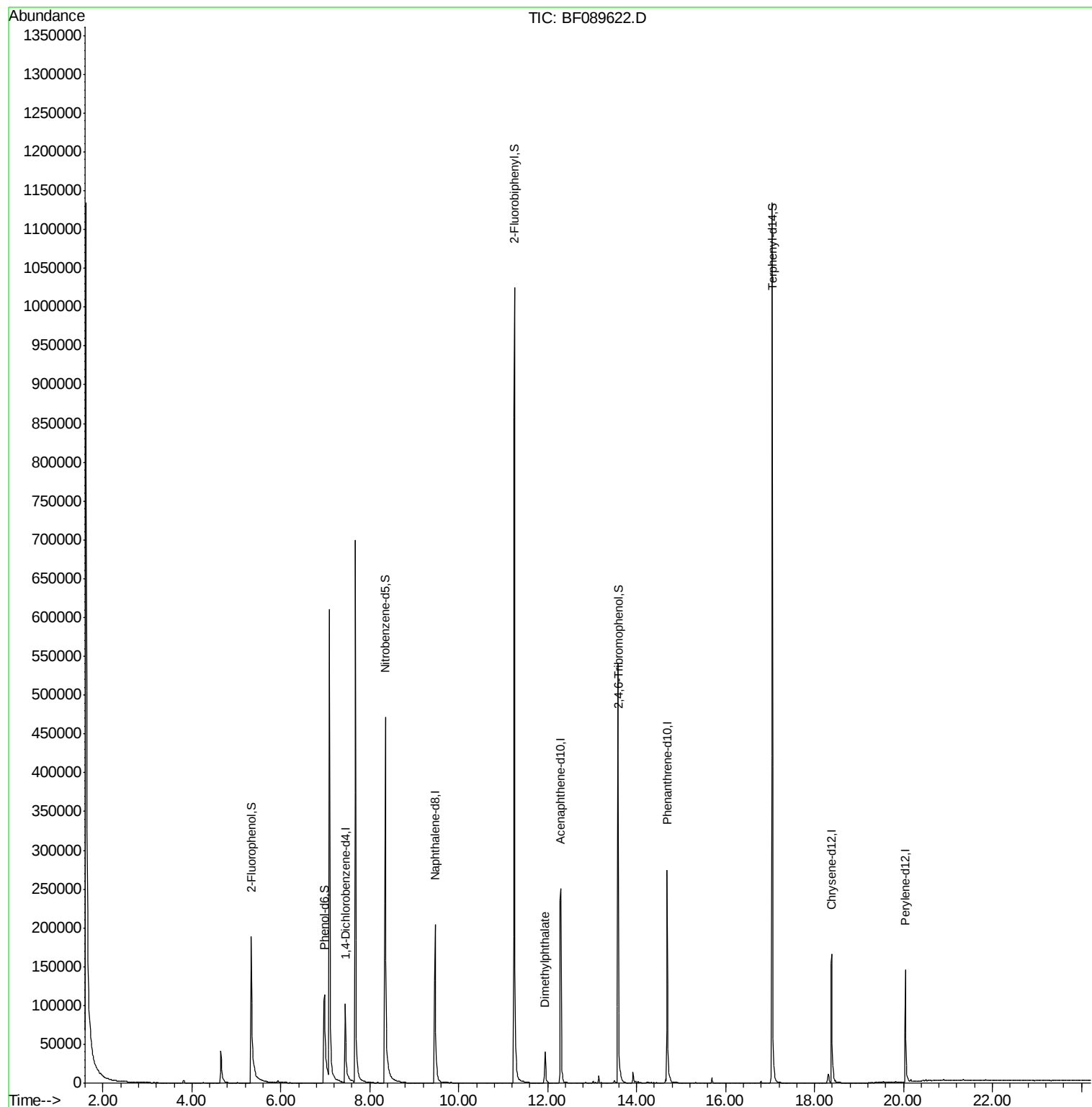
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42427	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	182402	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	89371	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	171046	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	112134	20.00	ng	0.00
86) Perylene-d12	20.05	264	81318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	151062	59.68	ng	0.02
7) Phenol-d6	6.98	99	135618	39.49	ng	0.00
23) Nitrobenzene-d5	8.35	82	292647	88.74	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	96692	131.10	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	571178	83.06	ng	0.00
78) Terphenyl-d14	17.05	244	469381	82.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	28551	4.08	ng	99

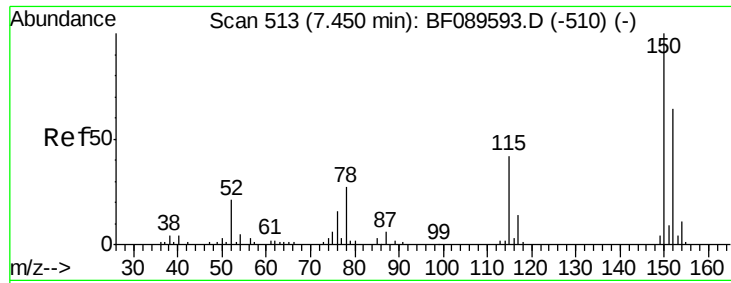
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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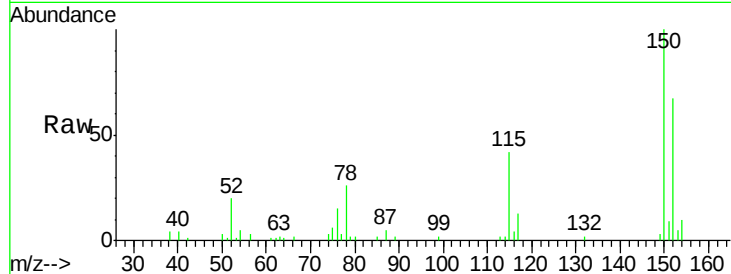


#1

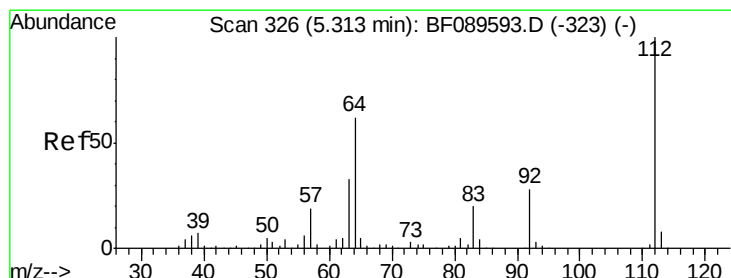
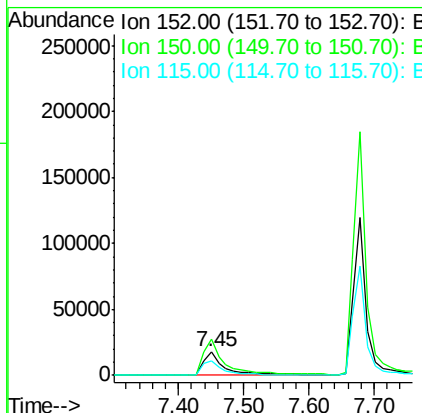
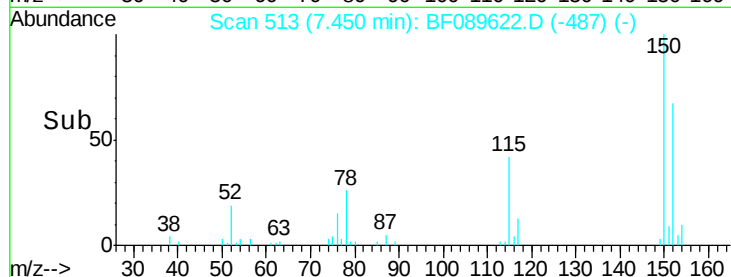
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	125.5	188.3
115	62.3	52.0	78.0



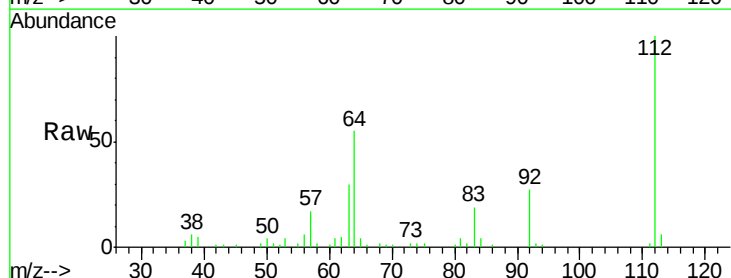
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



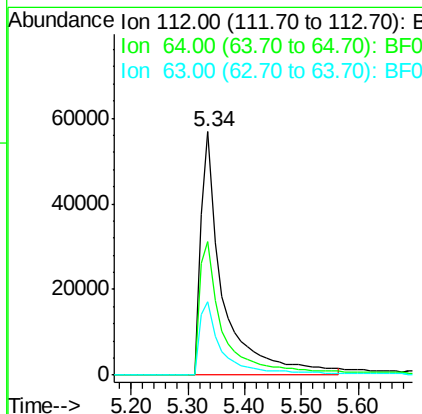
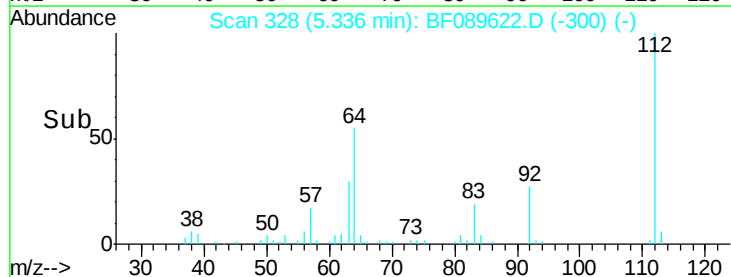
#5

2-Fluorophenol
Concen: 59.68 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	49.9	74.9
63	29.9	26.1	39.1



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: 39.49 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

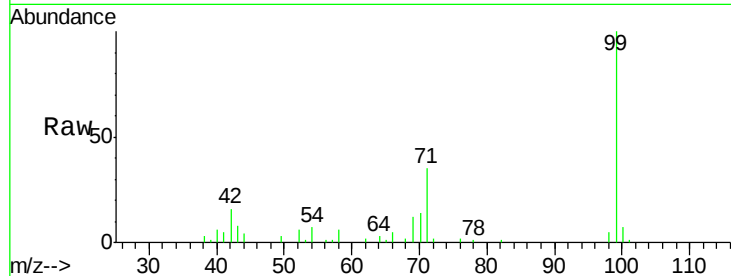
Tot Ion: 99 Resp: 135618

Ion Ratio Lower Upper

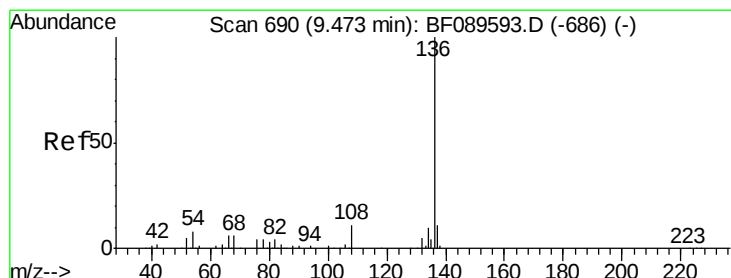
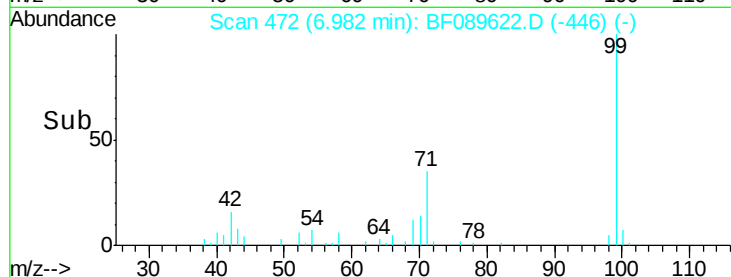
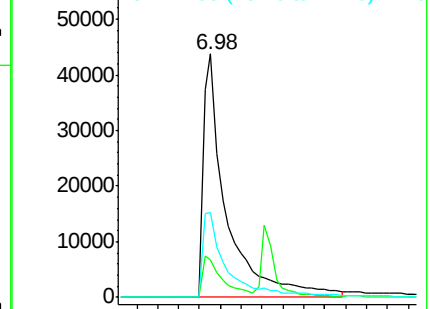
99 100

42 15.6 13.7 20.5

71 34.9 29.0 43.4



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: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Tgt Ion: 136 Resp: 182402

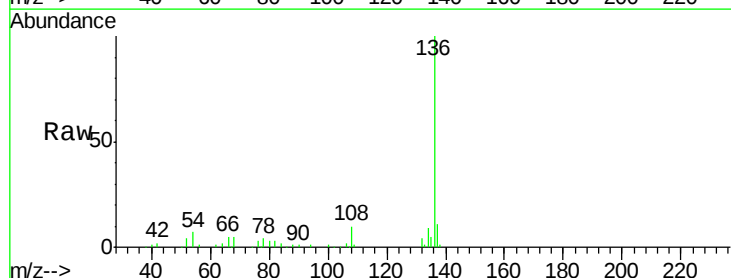
Ion Ratio Lower Upper

136 100

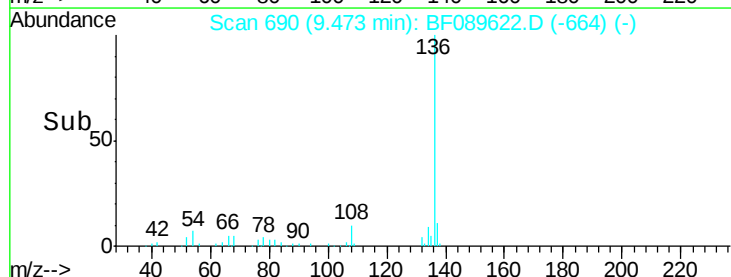
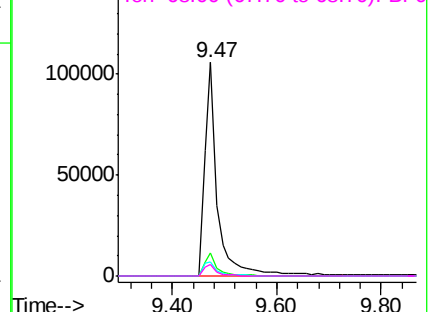
137 10.6 8.6 12.8

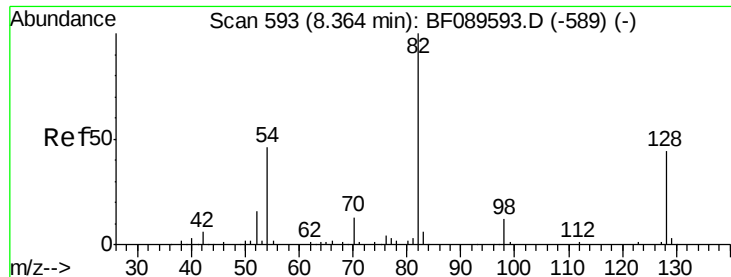
54 6.5 6.0 9.0

68 5.2 4.6 6.8



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: 88.74 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

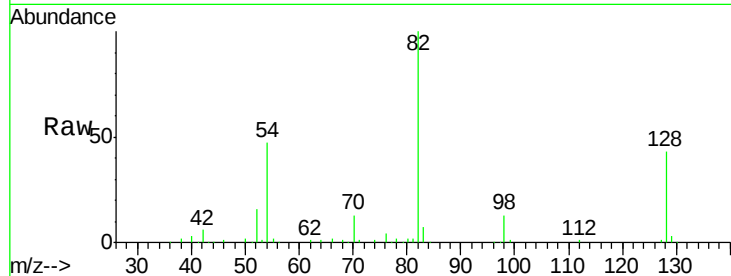
Tot Ion: 82 Resp: 292647

Ion Ratio Lower Upper

82 100

128 43.5 35.4 53.0

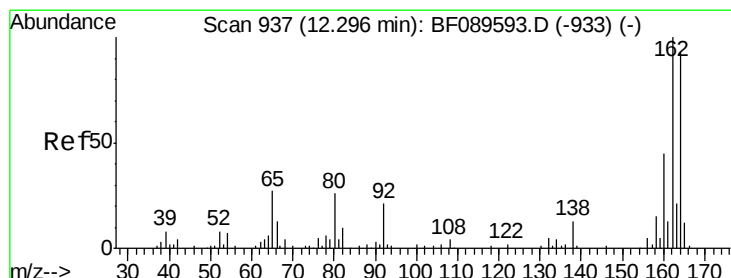
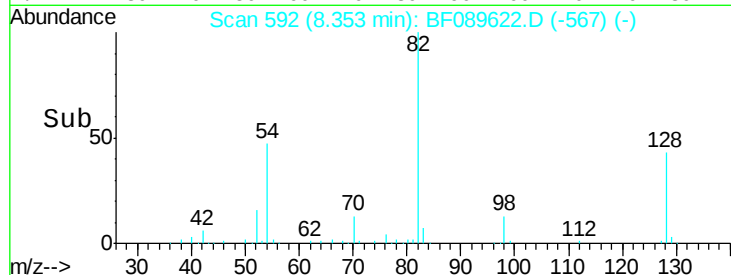
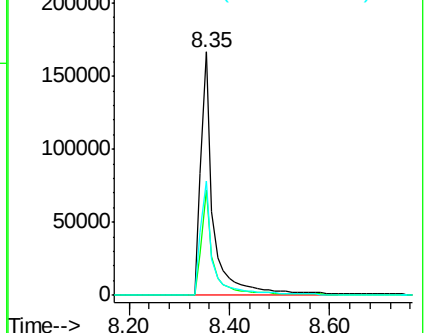
54 46.9 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

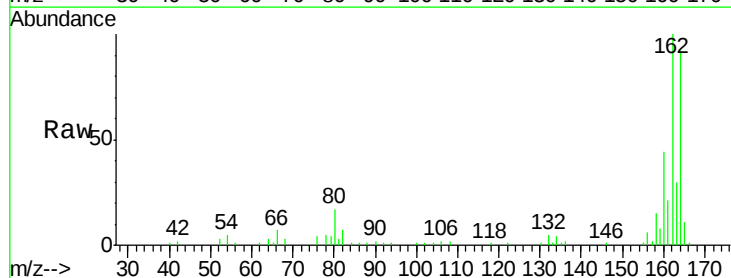
Tgt Ion:164 Resp: 89371

Ion Ratio Lower Upper

164 100

162 108.2 85.7 128.5

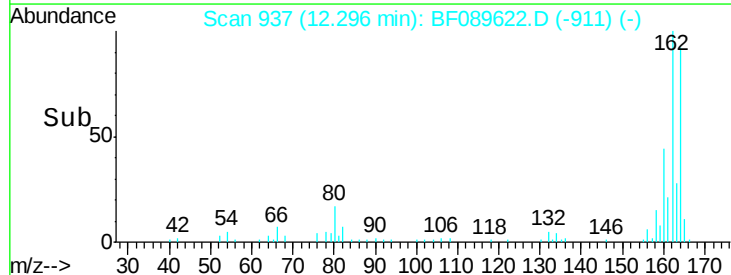
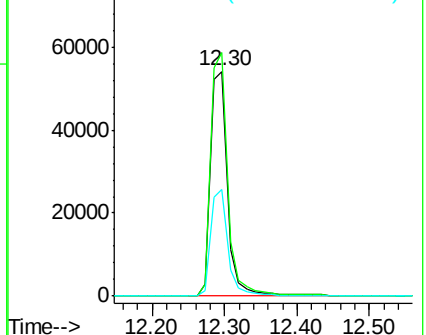
160 47.4 38.2 57.4

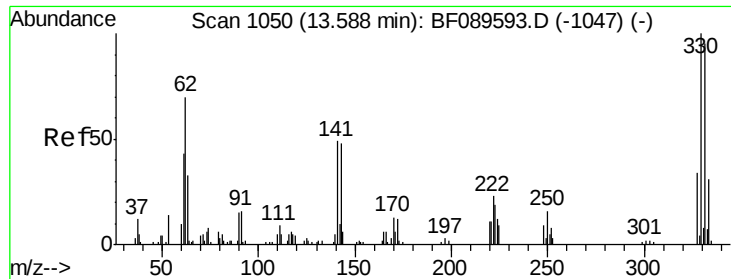


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

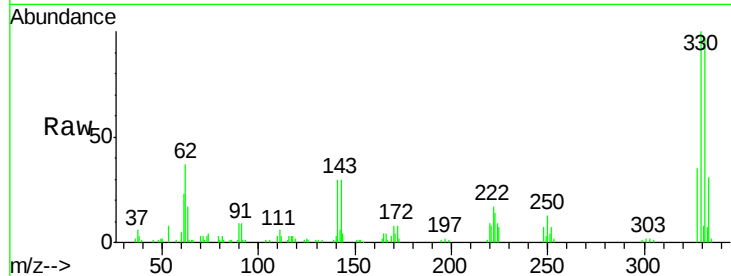




#41
 2,4,6-Tribromophenol
 Concen: 131.10 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	45.7	38.6	57.8

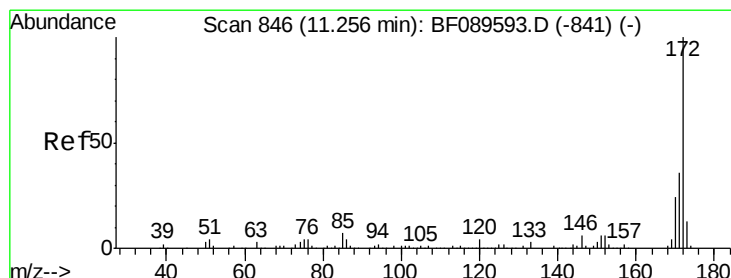
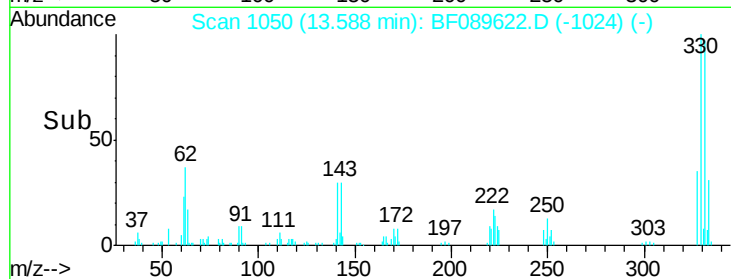
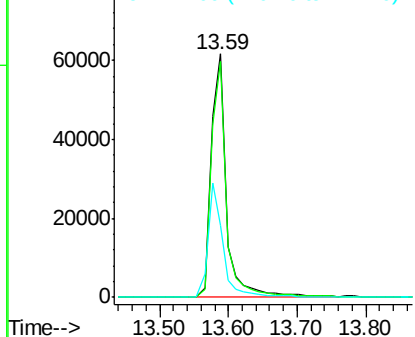


Abundance

Ion 329.80 (329.50 to 330.50): E

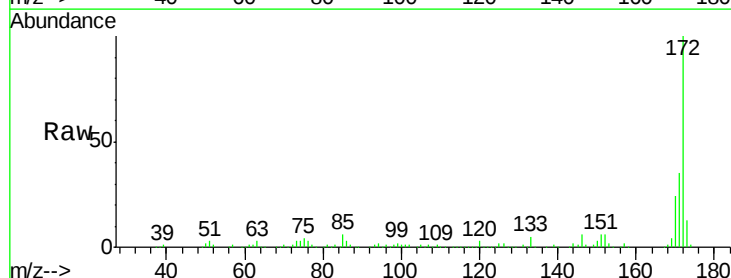
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.5	19.0	28.6

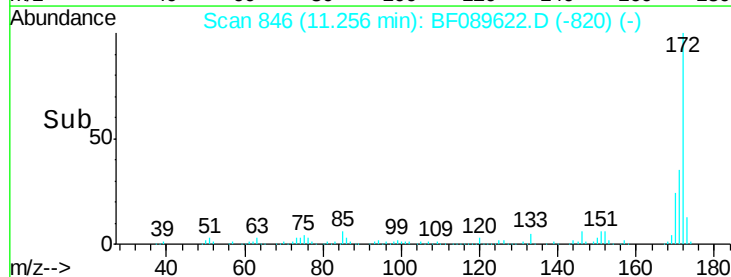
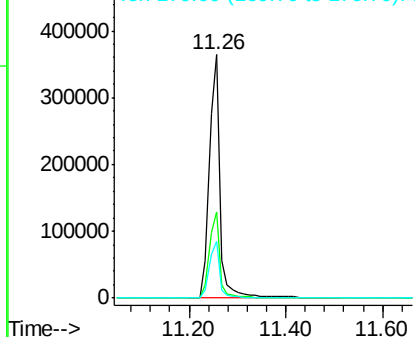


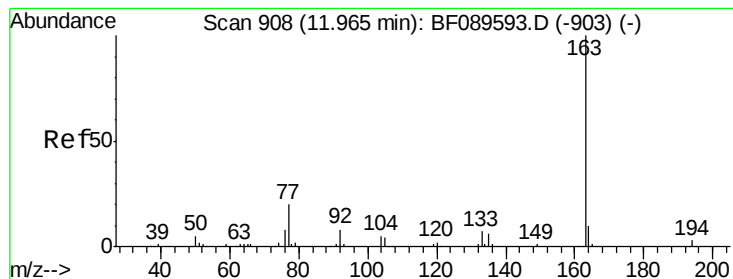
Abundance

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: 4.08 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

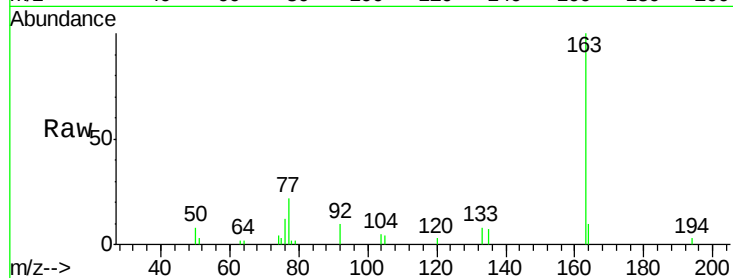
Tot Ion:163 Resp: 28551

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

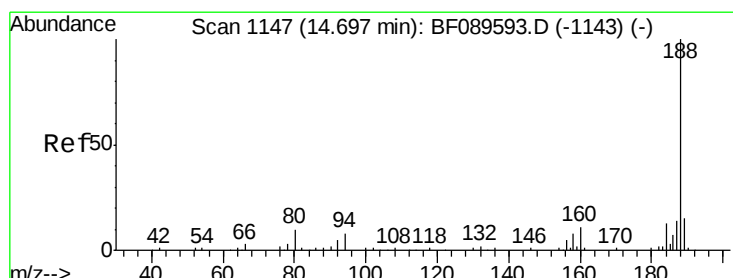
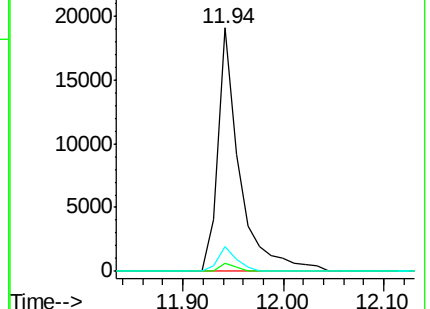
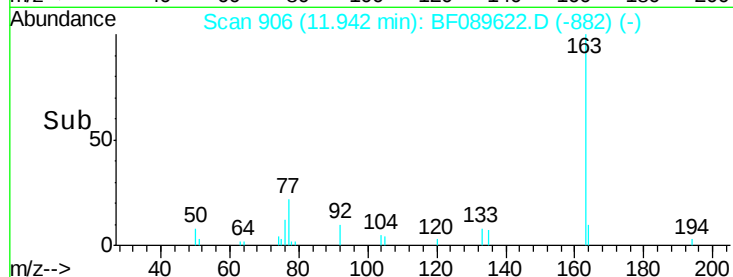
164 10.1 7.8 11.6



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: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

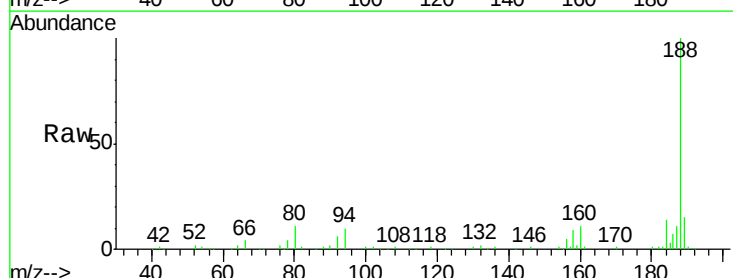
Tgt Ion:188 Resp: 171046

Ion Ratio Lower Upper

188 100

94 9.8 6.5 9.7#

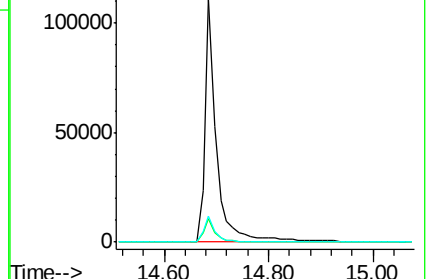
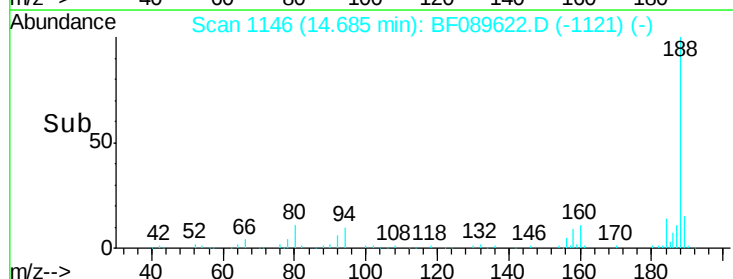
80 10.8 8.0 12.0

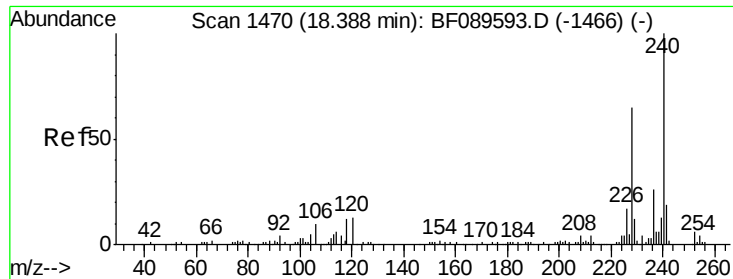


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

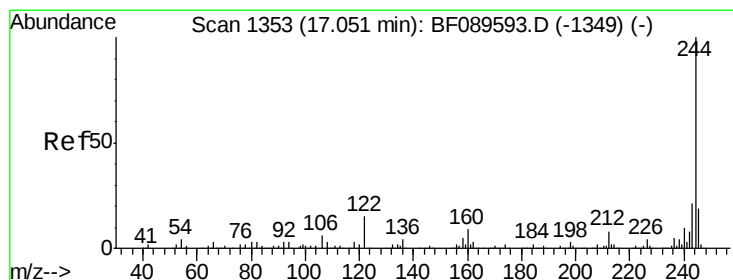
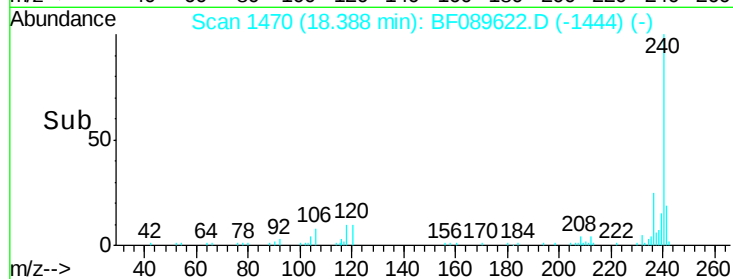
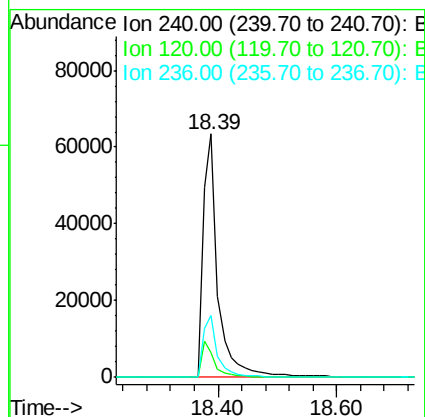
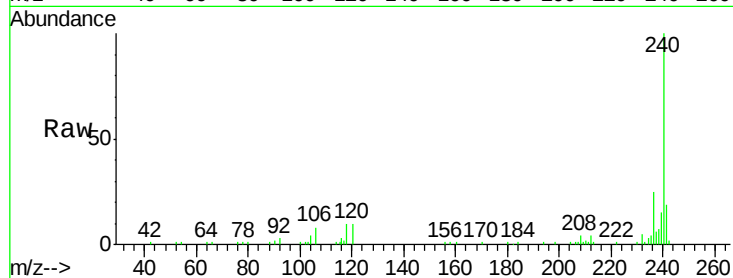




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

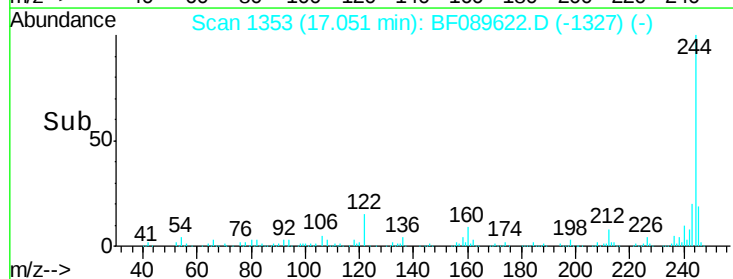
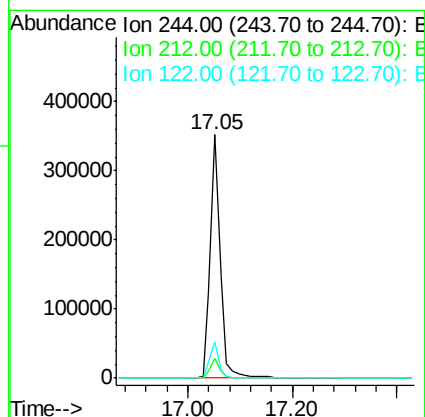
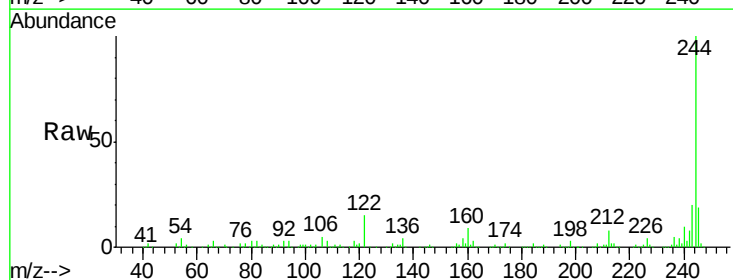
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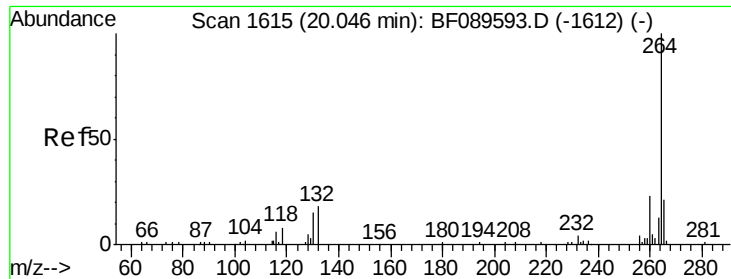
Tot Ion:240 Resp: 112134
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.6 15.8#
 236 25.1 20.6 30.8



#78
 Terphenyl-d14
 Concen: 82.63 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Tgt Ion:244 Resp: 469381
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 14.7 12.2 18.2



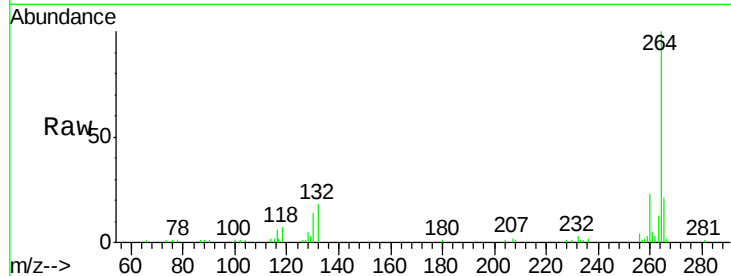


#86
Pervlone-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tot Ion: 264 Resp: 81318

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.5	24.7



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

