

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089550.D
 Acq On : 2 Aug 2016 16:42
 Operator : UM/SJ
 Sample : H4269-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

Quant Time: Aug 03 01:45:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

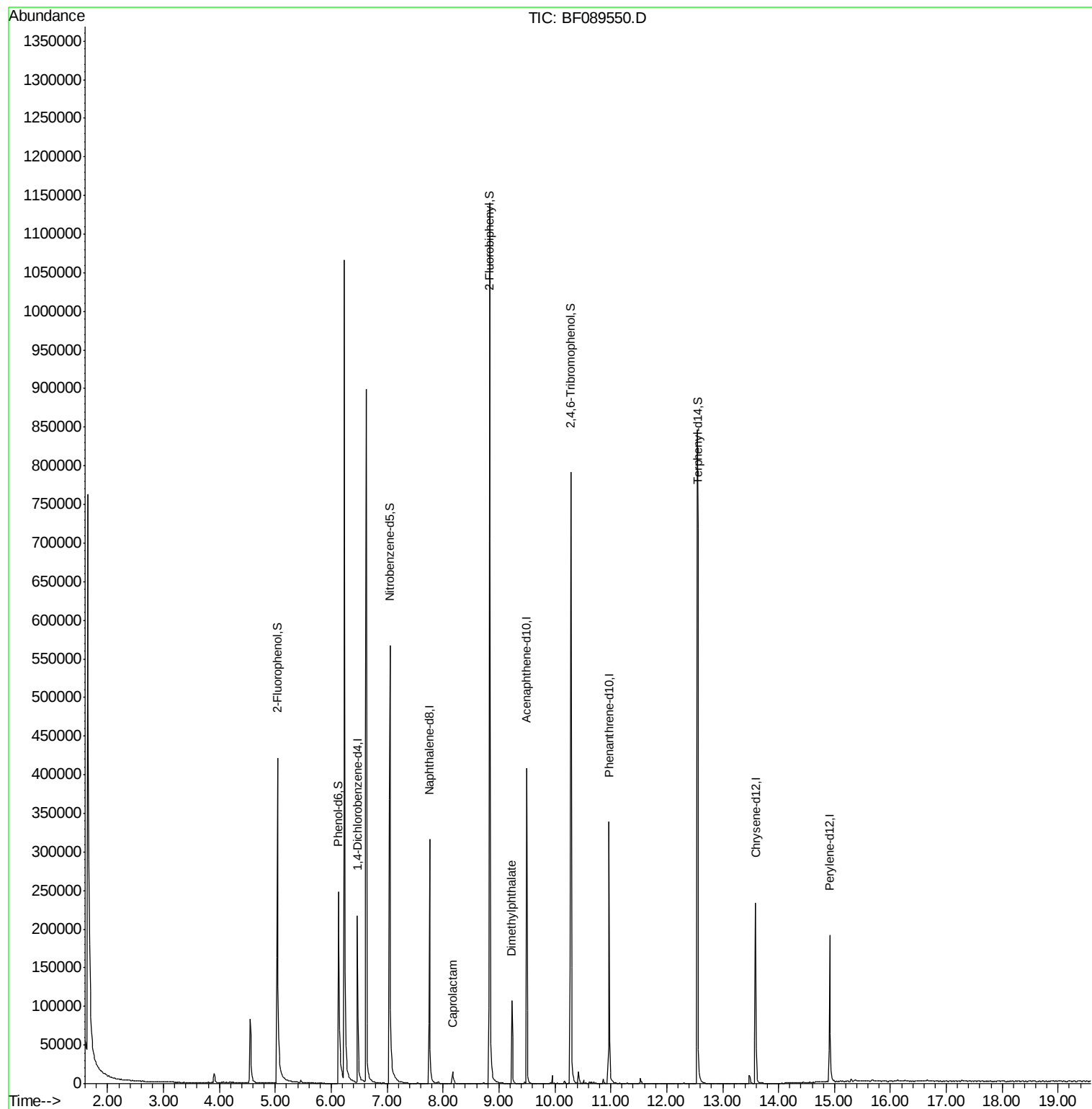
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	44425	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	176168	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	80263	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	141814	20.00	ng	0.00
75) Chrysene-d12	13.59	240	94137	20.00	ng	-0.01
86) Perylene-d12	14.91	264	82682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	189608	68.15	ng	0.01
7) Phenol-d6	6.12	99	171053	46.52	ng	-0.01
23) Nitrobenzene-d5	7.05	82	302609	101.39	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	80854	121.63	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	495184	90.54	ng	-0.01
78) Terphenyl-d14	12.56	244	387404	96.32	ng	0.00
Target Compounds						
35) Caprolactam	8.17	113	2640	3.97	ng	Qvalue # 83
49) Dimethylphthalate	9.23	163	55861	9.14	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Instrument :

BNA_F

ClientSampleId :

GW-52-11.1-15.0

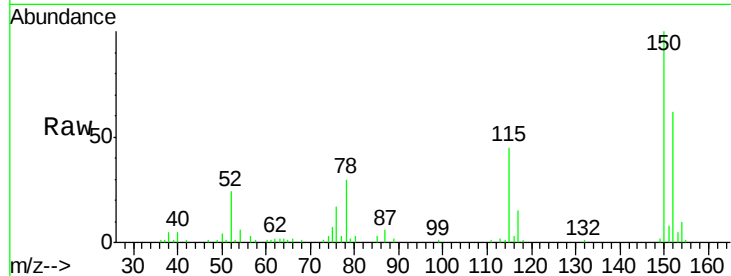
Tot Ion:152 Resp: 44425

Ion Ratio Lower Upper

152 100

150 160.2 129.5 194.3

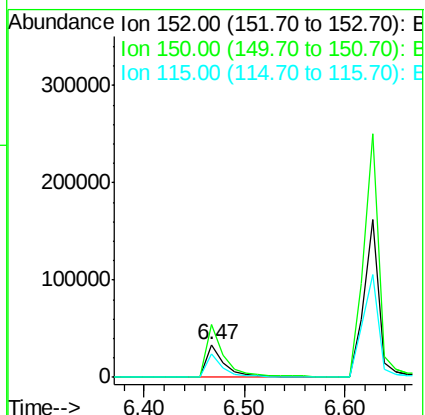
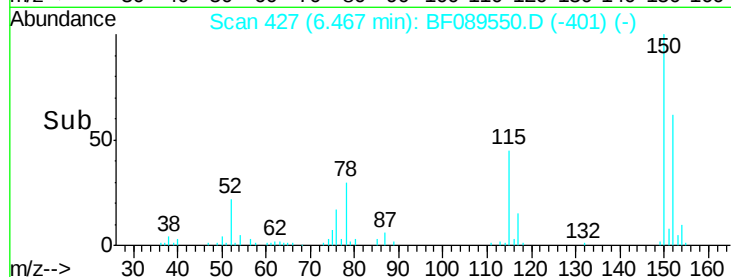
115 71.9 51.4 77.2



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: 68.15 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

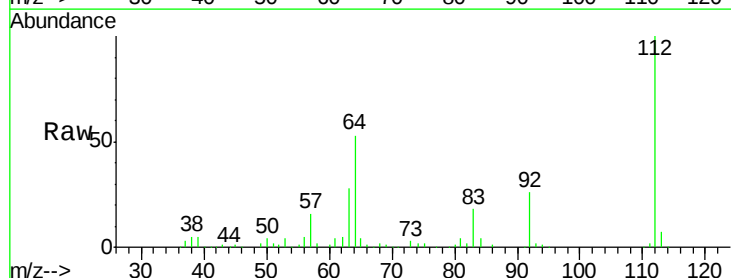
Tgt Ion:112 Resp: 189608

Ion Ratio Lower Upper

112 100

64 53.4 55.0 82.6#

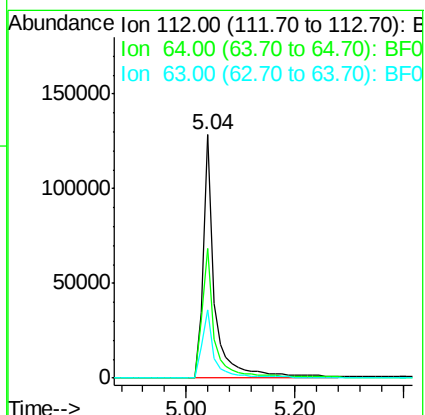
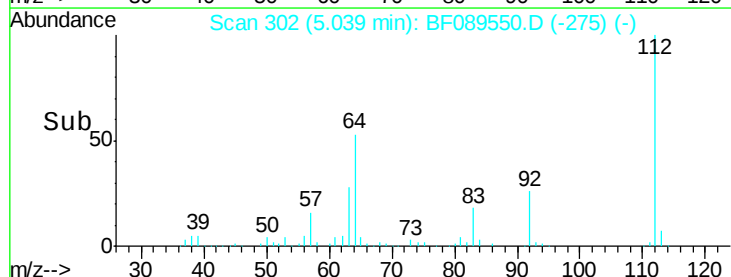
63 28.1 29.4 44.2#



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: 46.52 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Instrument :

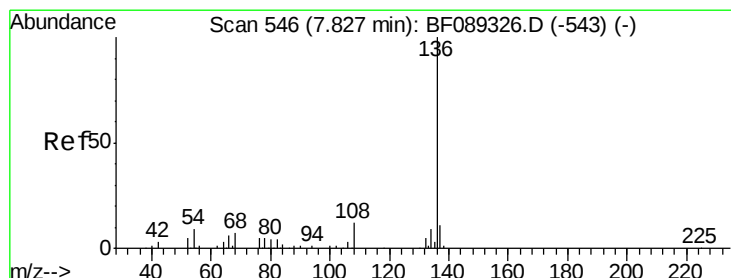
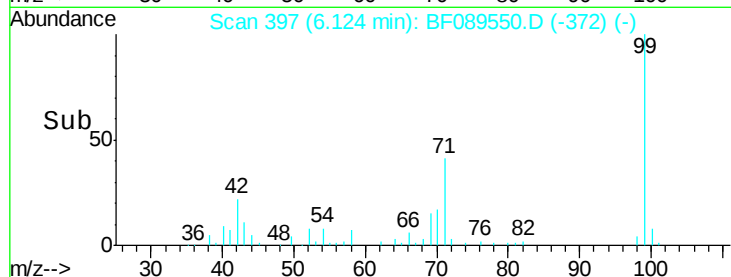
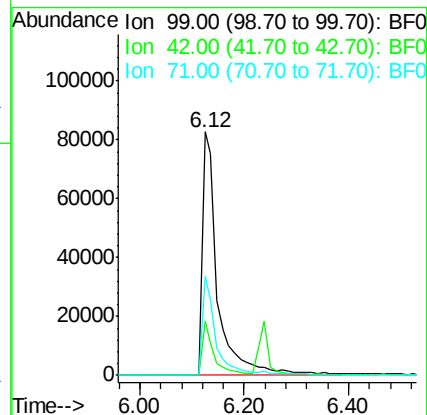
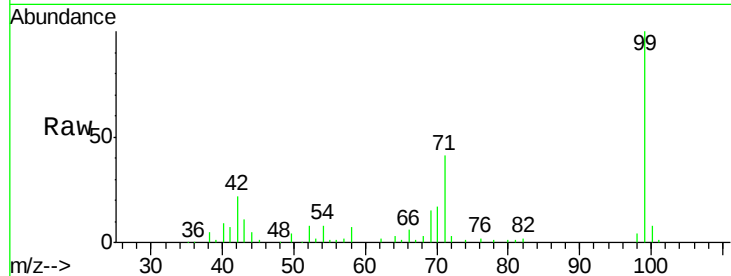
BNA_F

ClientSampleId :

GW-52-11.1-15.0

Tot Ion: 99 Resp: 171053

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.6	20.4#
71	40.7	29.4	44.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

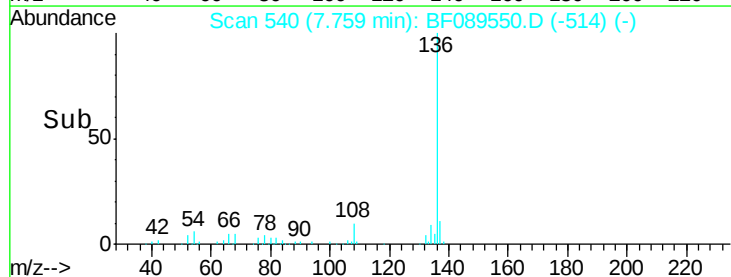
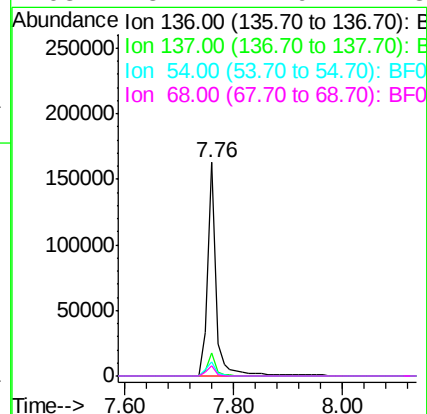
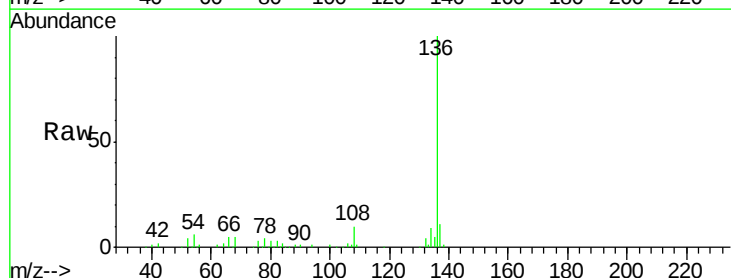
Delta R.T. 0.00 min

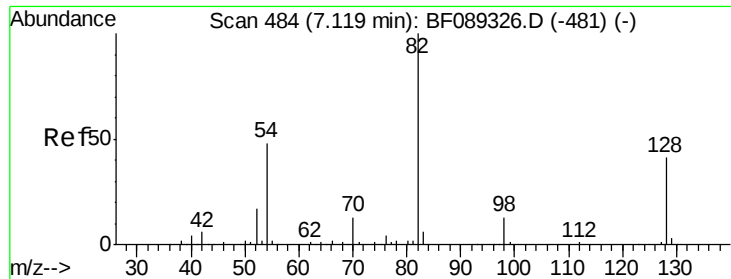
Lab File: BF089550.D

Acq: 2 Aug 2016 16:42

Tgt Ion: 136 Resp: 176168

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.4	7.0	10.4#
68	5.1	4.9	7.3

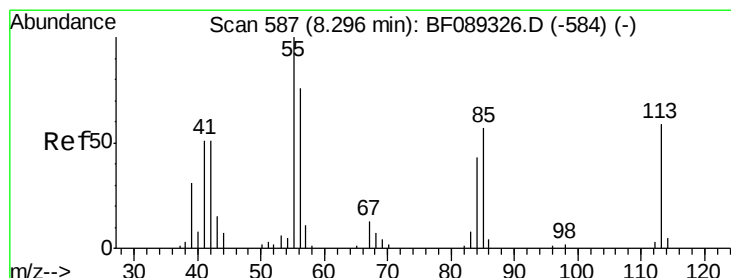
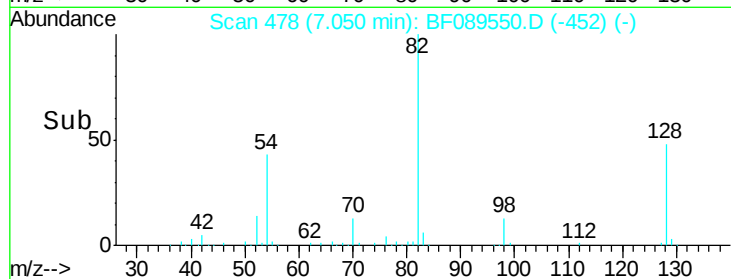
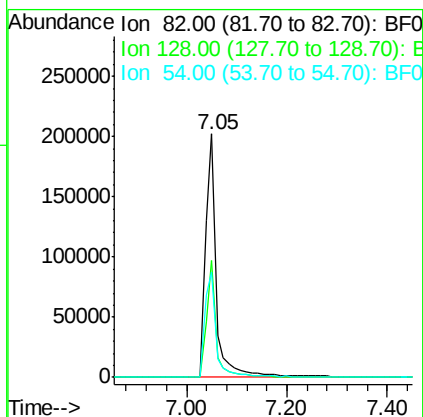
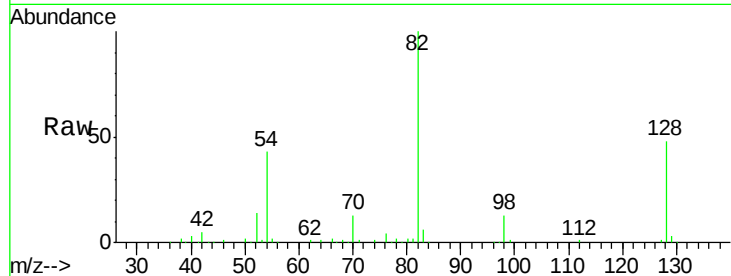




#23
 Nitrobenzene-d5
 Concen: 101.39 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

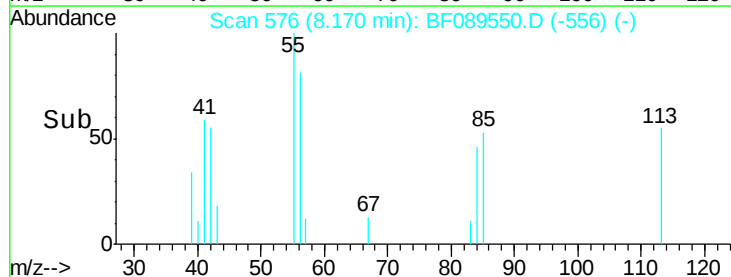
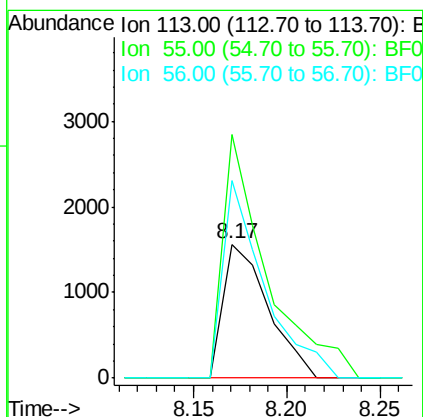
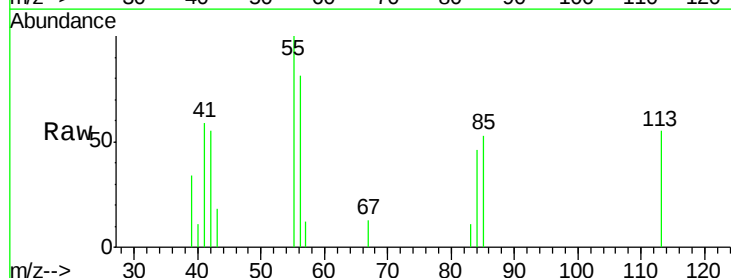
Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

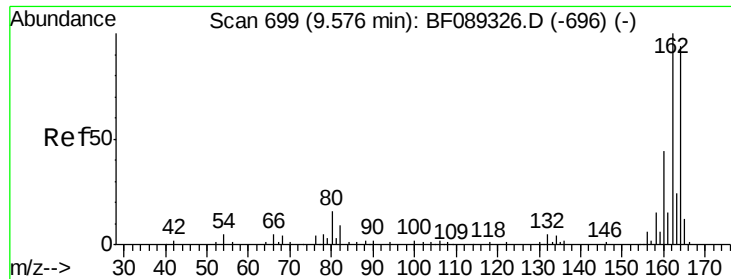
Tot Ion: 82 Resp: 302609
 Ion Ratio Lower Upper
 82 100
 128 47.8 32.5 48.7
 54 43.2 38.8 58.2



#35
 Caprolactam
 Concen: 3.97 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.07 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion: 113 Resp: 2640
 Ion Ratio Lower Upper
 113 100
 55 182.1 142.3 182.3
 56 147.4 105.8 145.8#

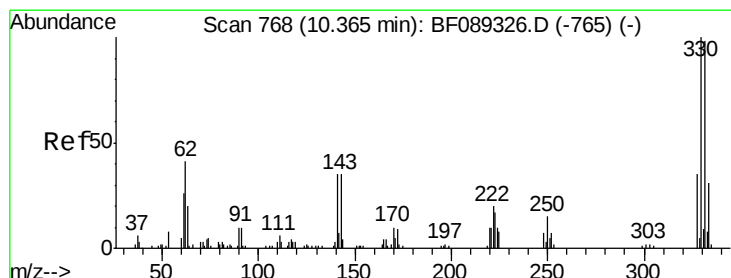
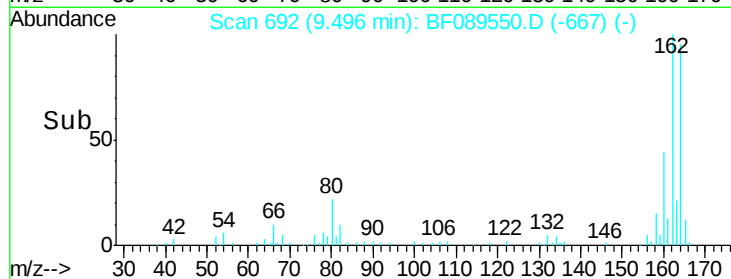
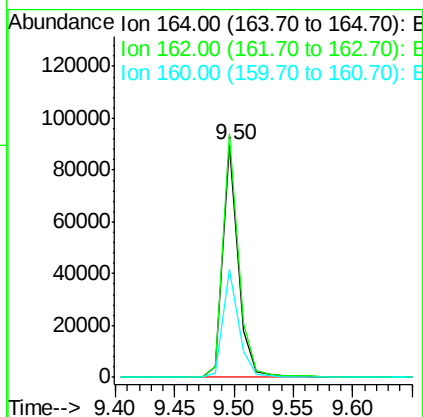
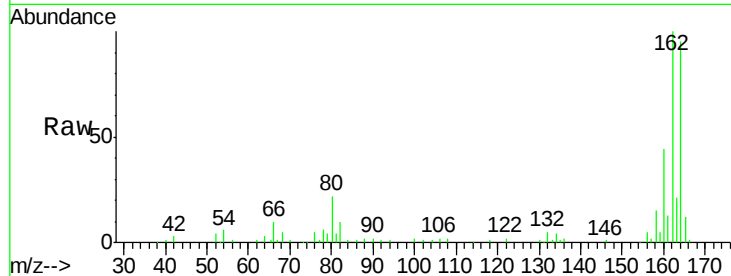




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

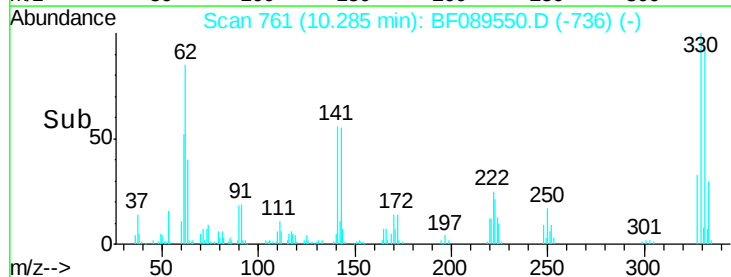
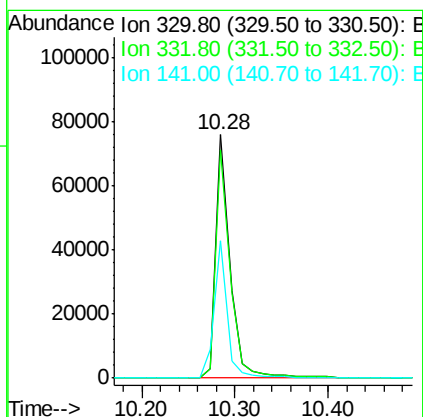
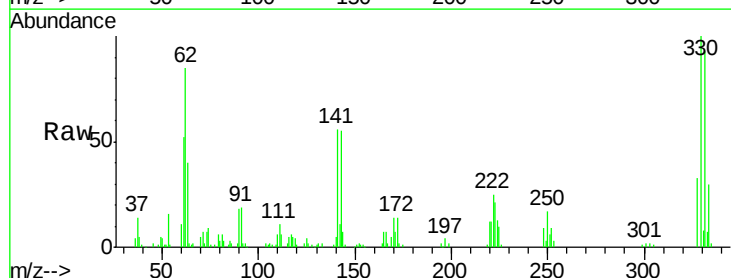
Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

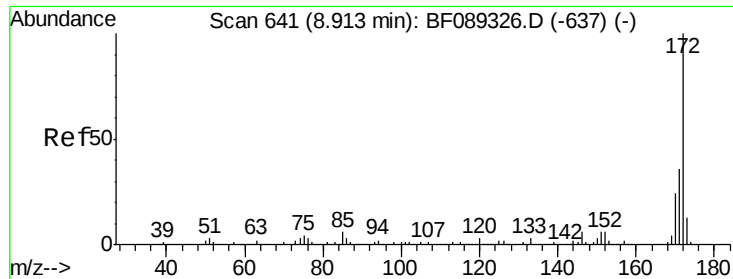
Tot Ion:164 Resp: 80263
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.7 125.5
 160 46.3 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:330 Resp: 80854
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 51.9 37.3 55.9

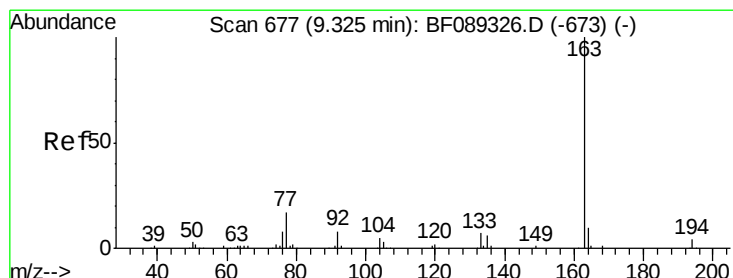
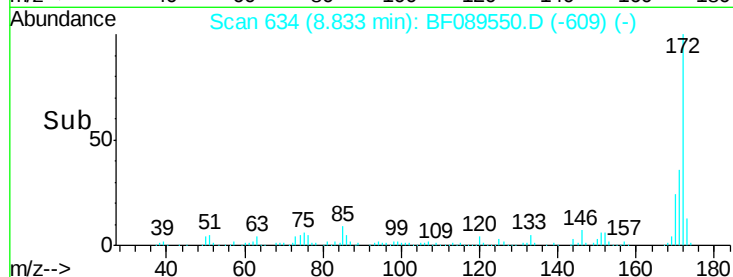
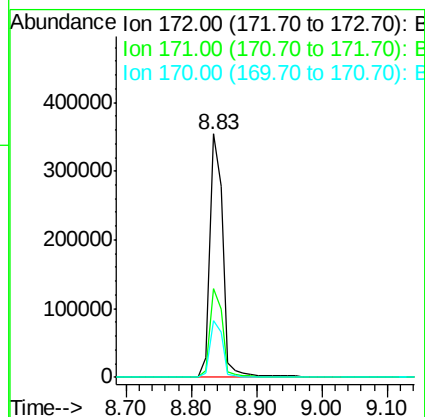
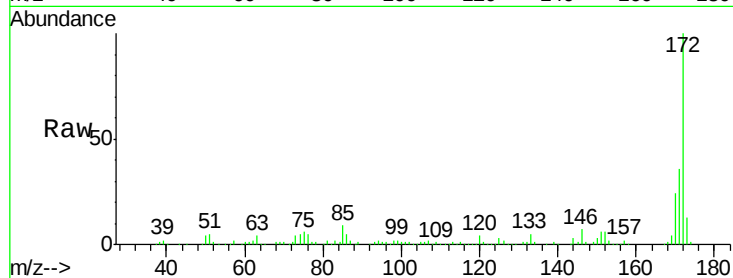




#44
2-Fluorobiphenyl
Concen: 90.54 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

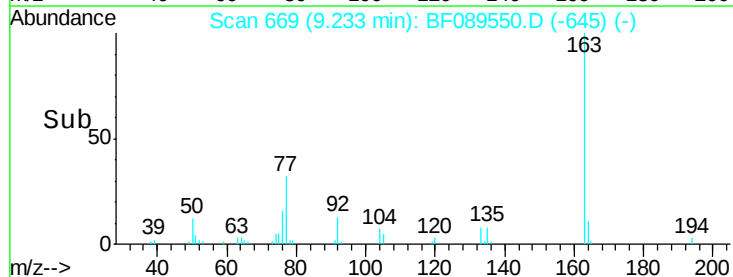
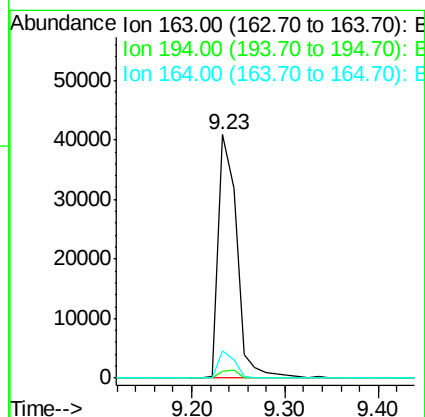
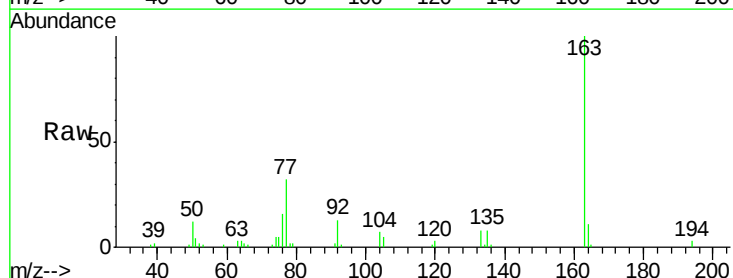
Instrument :
BNA_F
ClientSampleId :
GW-52-11.1-15.0

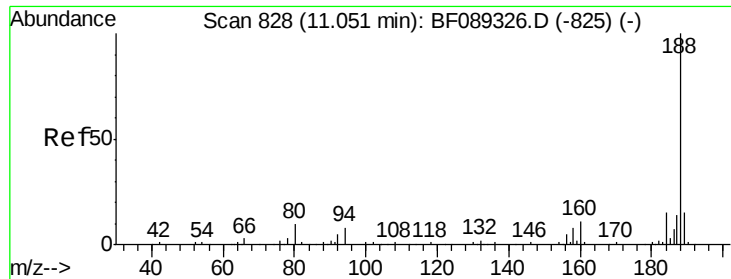
Tot Ion:172 Resp: 495184
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 23.5 19.2 28.8



#49
Dimethylphthalate
Concen: 9.14 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Tgt Ion:163 Resp: 55861
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 11.2 7.8 11.8

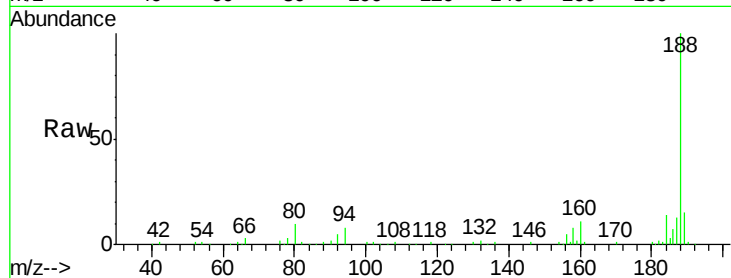




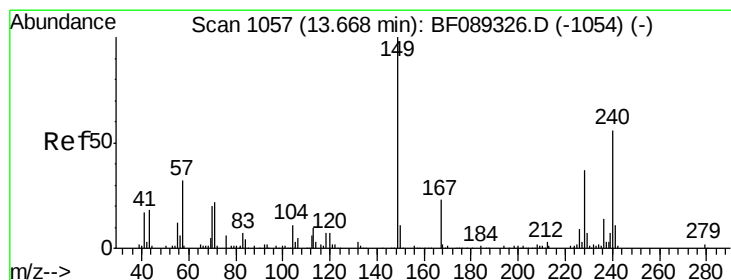
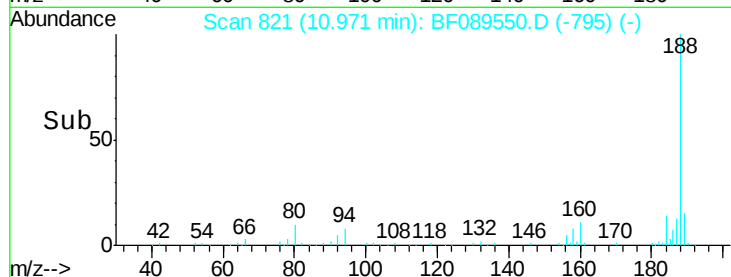
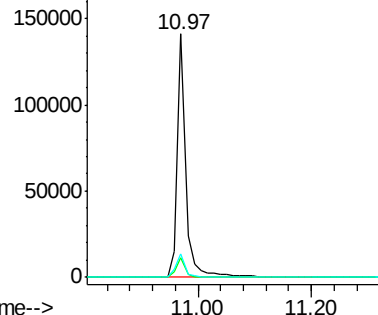
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Instrument :
BNA_F
ClientSampleId :
GW-52-11.1-15.0

Tot Ion:188 Resp: 141814
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.5 7.2 10.8

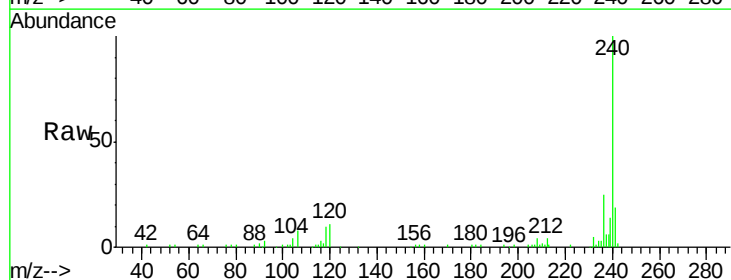


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

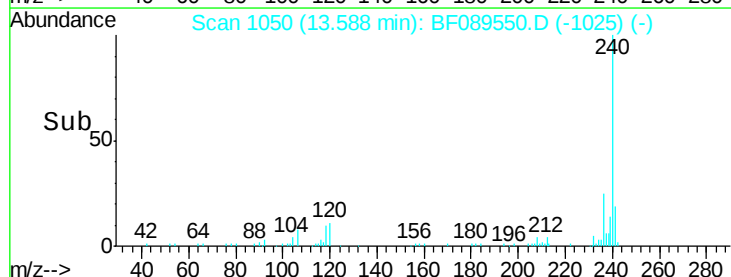
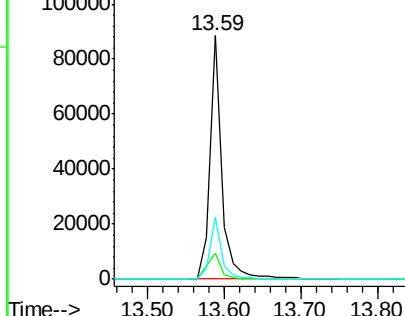


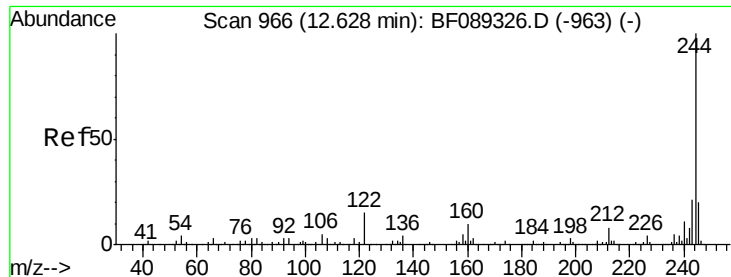
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089550.D
Acq: 2 Aug 2016 16:42

Tgt Ion:240 Resp: 94137
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.4 20.6 30.8



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

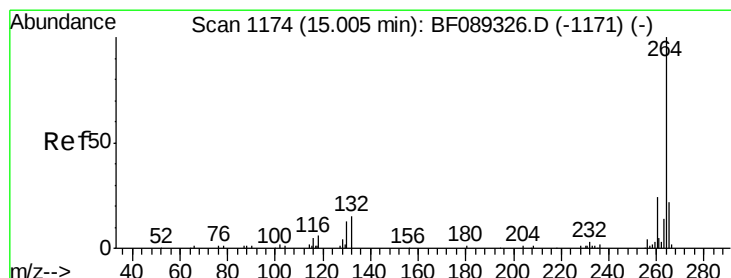
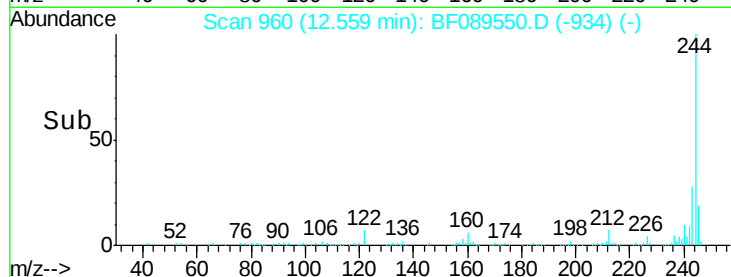
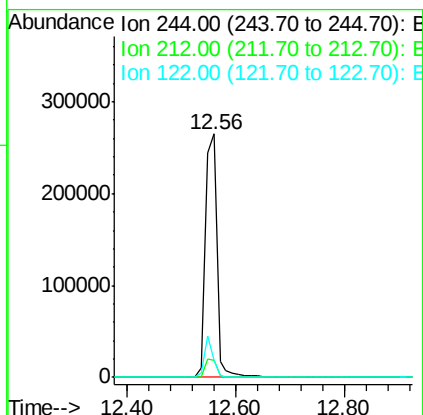
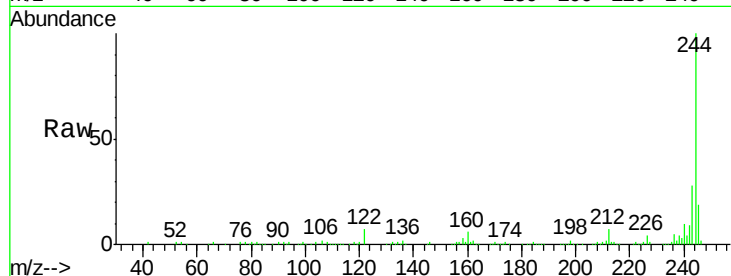




#78
 Terphenyl-d14
 Concen: 96.32 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-52-11.1-15.0

Tot Ion:244 Resp: 387404
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.0 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089550.D
 Acq: 2 Aug 2016 16:42

Tgt Ion:264 Resp: 82682
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.3 17.5 26.3

