

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089548.D
 Acq On : 2 Aug 2016 15:42
 Operator : UM/SJ
 Sample : H4269-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Quant Time: Aug 03 01:43:10 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	44385	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	176633	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	76368	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	132128	20.00	ng	0.00
75) Chrysene-d12	13.59	240	94831	20.00	ng	-0.01
86) Perylene-d12	14.91	264	86753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	201659	72.55	ng	0.01
7) Phenol-d6	6.14	99	188980	51.44	ng	0.00
23) Nitrobenzene-d5	7.05	82	304007	101.59	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	75311	119.07	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	503063	96.67	ng	-0.01
78) Terphenyl-d14	12.56	244	370878	91.53	ng	0.00

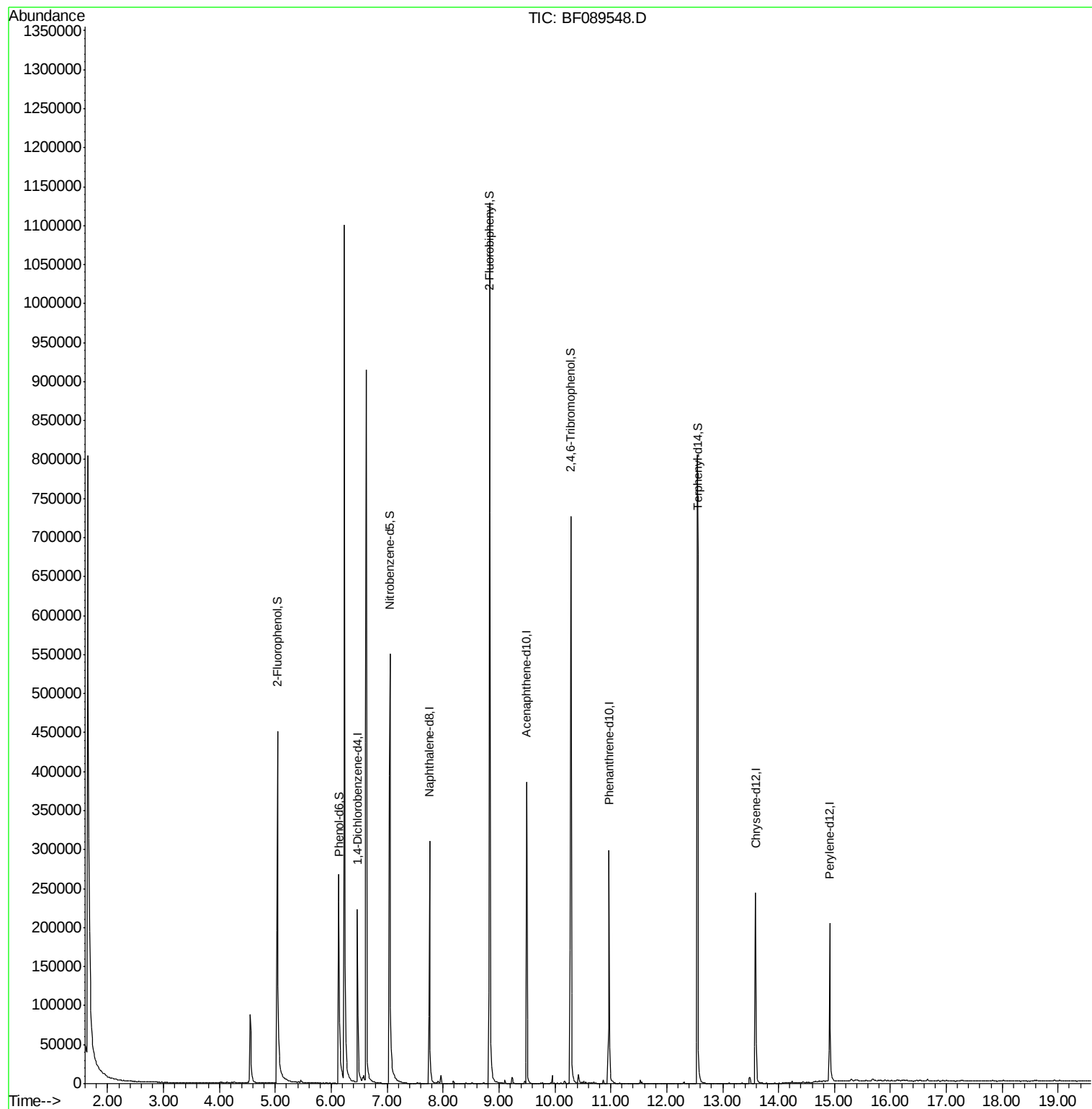
Target Compounds Qvalue

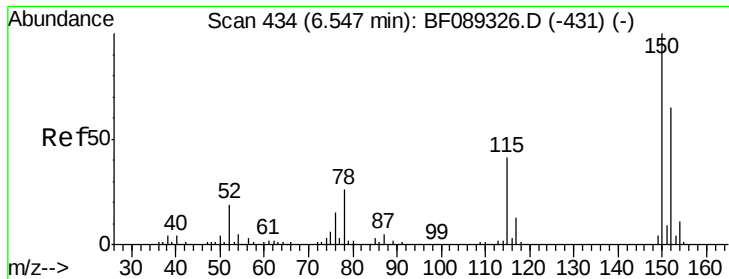
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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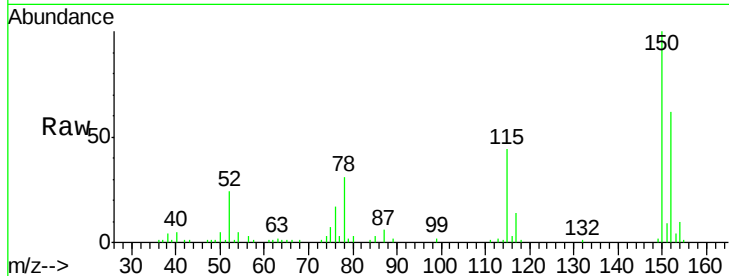


#1

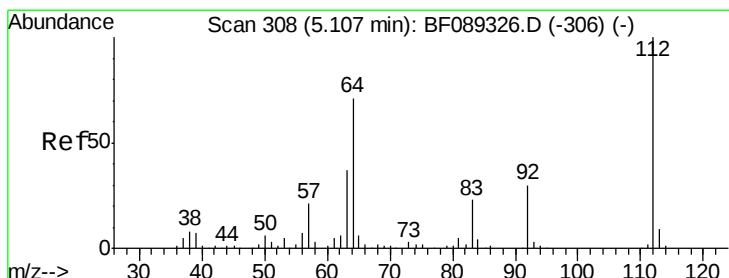
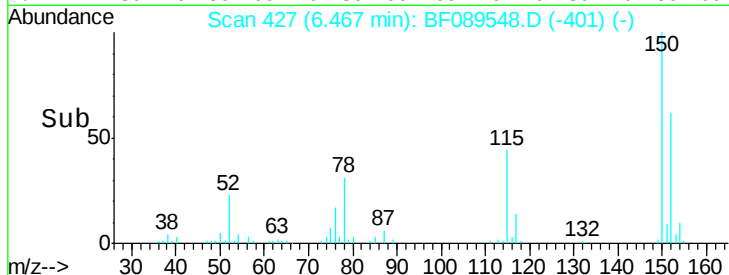
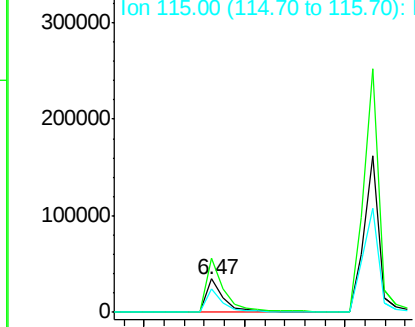
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Instrument :
BNA_F
ClientSampleId :
GW-53-18.5-20.0

Tot Ion:152 Resp: 44385
Ion Ratio Lower Upper
152 100
150 161.2 129.5 194.3
115 71.3 51.4 77.2



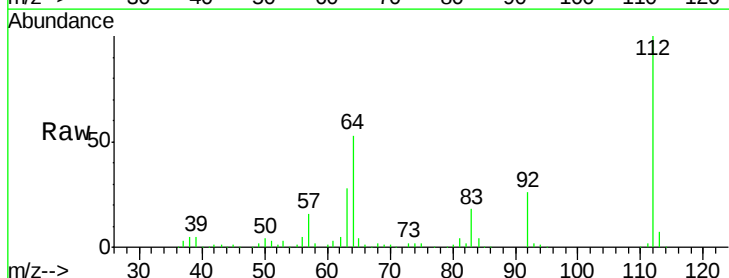
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



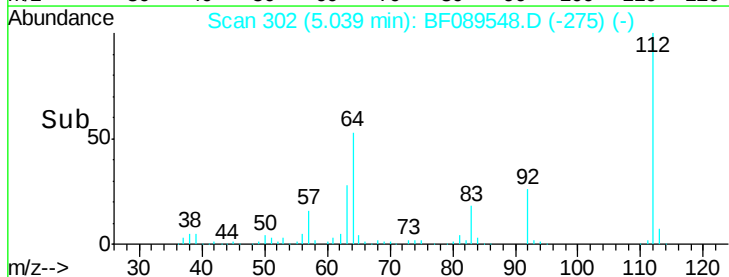
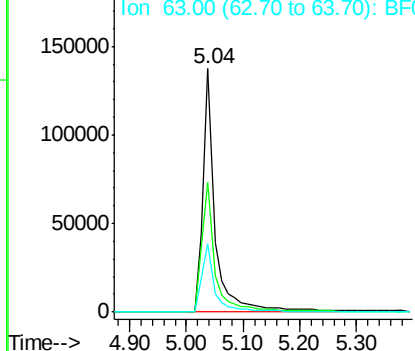
#5

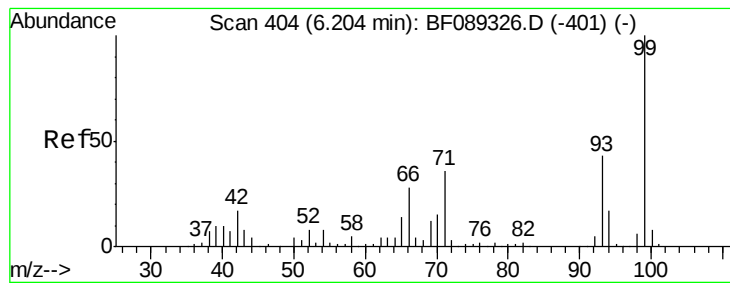
2-Fluorophenol
Concen: 72.55 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion:112 Resp: 201659
Ion Ratio Lower Upper
112 100
64 53.5 55.0 82.6#
63 27.9 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: 51.44 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

Instrument :

BNA_F

ClientSampleId :

GW-53-18.5-20.0

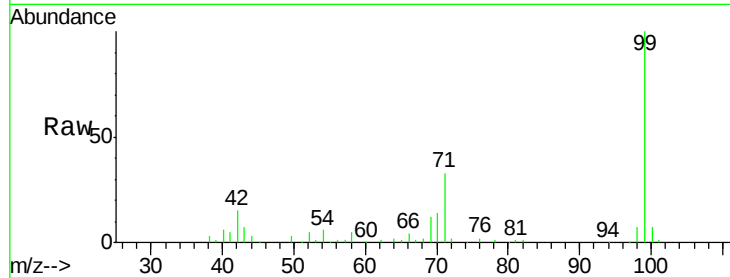
Tot Ion: 99 Resp: 188980

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

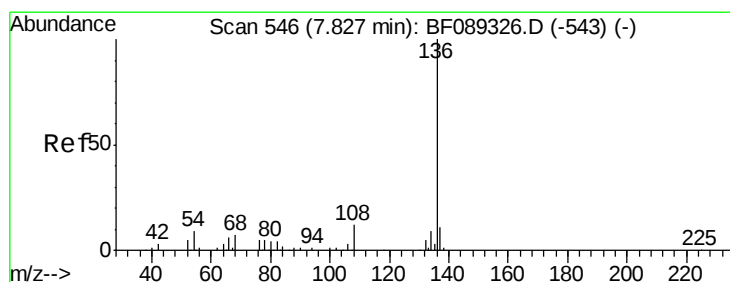
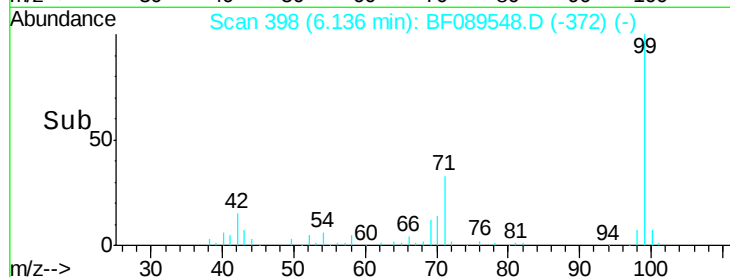
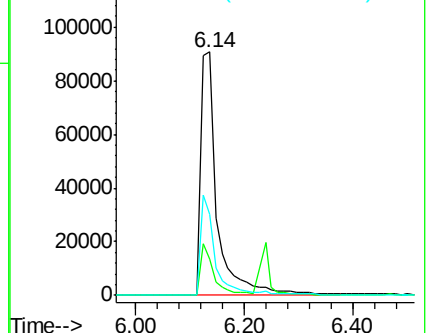
71 33.3 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

Tgt Ion: 136 Resp: 176633

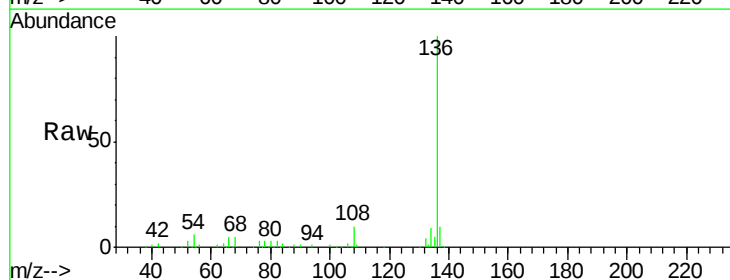
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 6.1 7.0 10.4

68 5.0 4.9 7.3

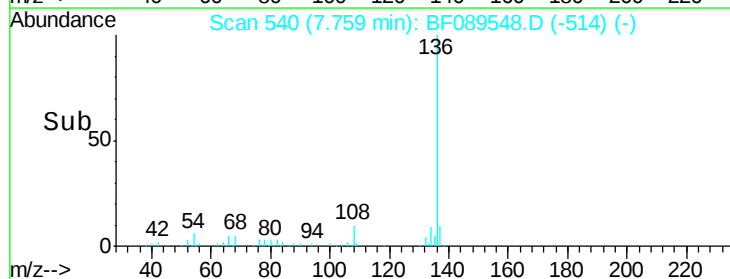
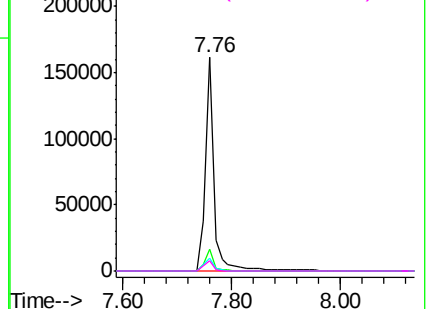


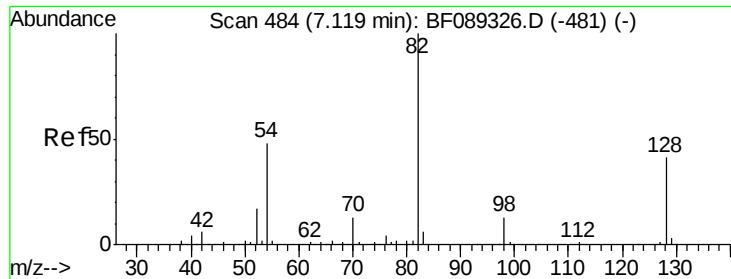
Abundance Ion 136.00 (135.70 to 136.70): E

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

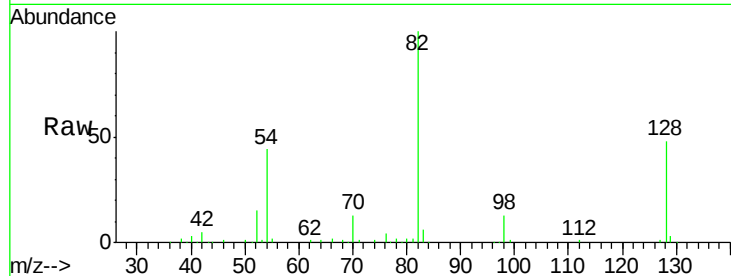




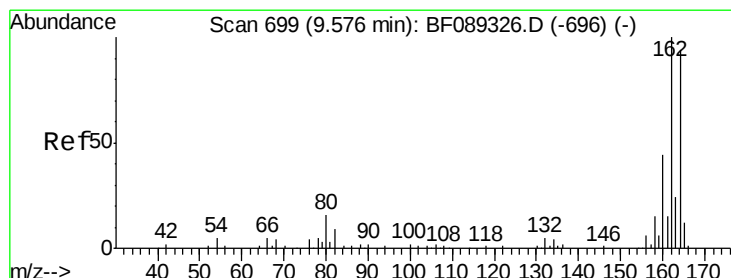
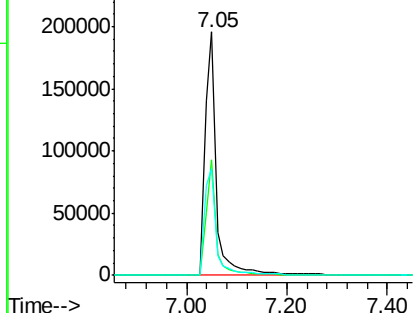
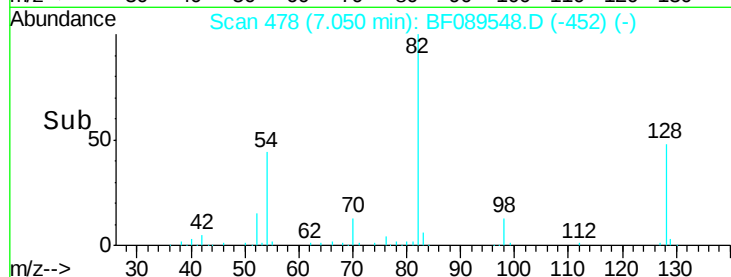
#23
 Nitrobenzene-d5
 Concen: 101.59 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Tot Ion: 82 Resp: 304007
 Ion Ratio Lower Upper
 82 100
 128 47.7 32.5 48.7
 54 43.9 38.8 58.2

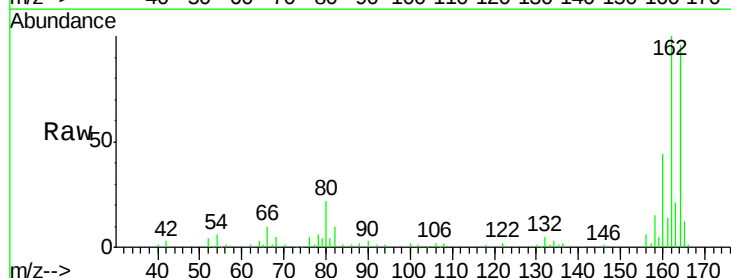


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

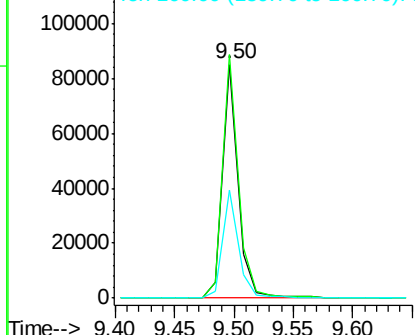
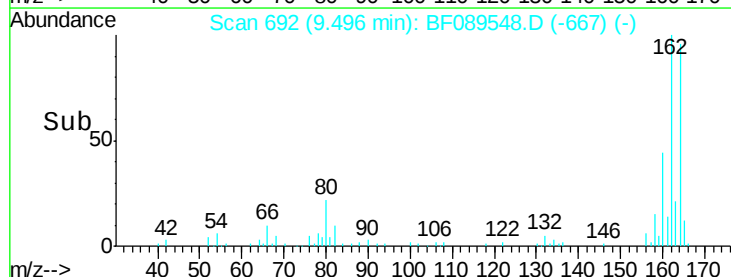


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion:164 Resp: 76368
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.7 125.5
 160 46.2 37.8 56.6



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

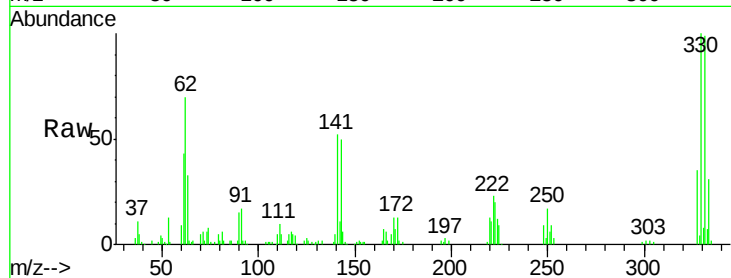




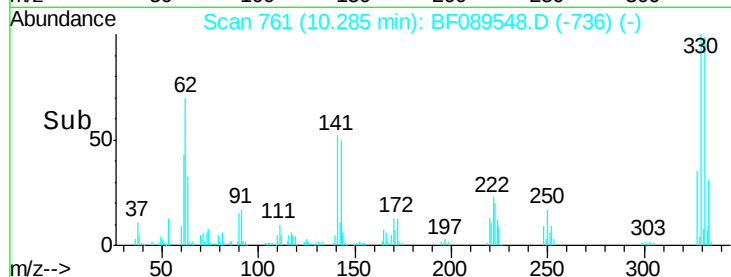
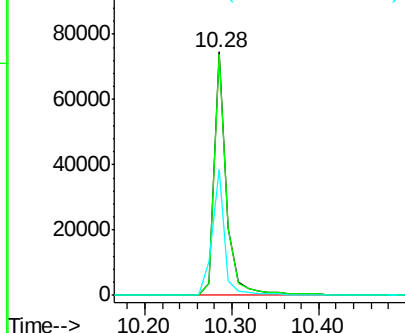
#41
 2,4,6-Tribromophenol
 Concen: 119.07 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.8	115.2
141	52.7	37.3	55.9

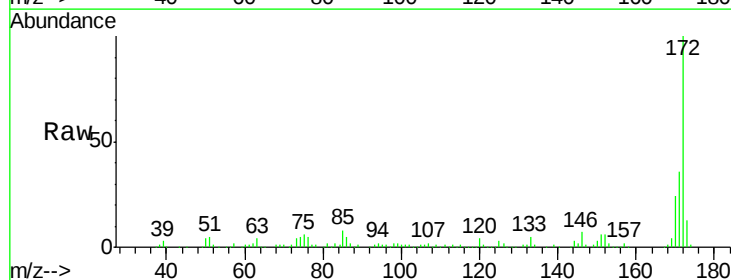


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

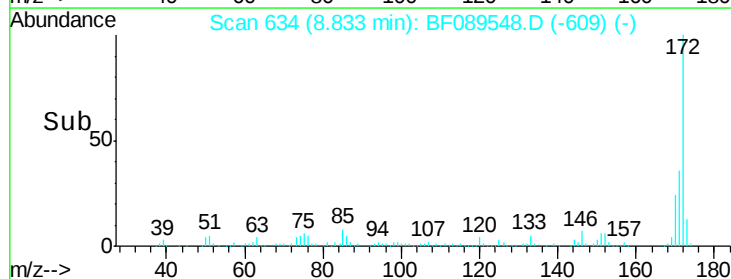
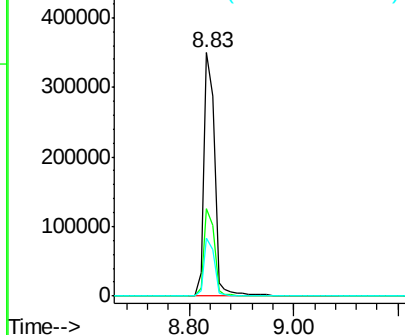


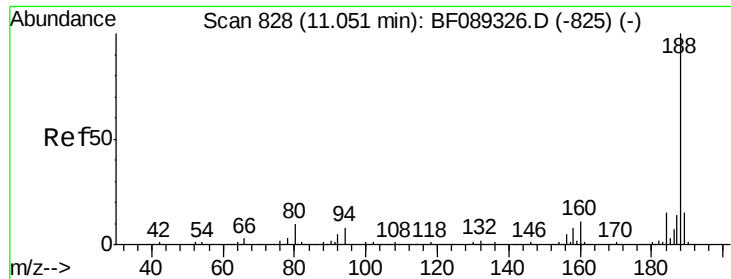
#44
 2-Fluorobiphenyl
 Concen: 96.67 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.6	19.2	28.8



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

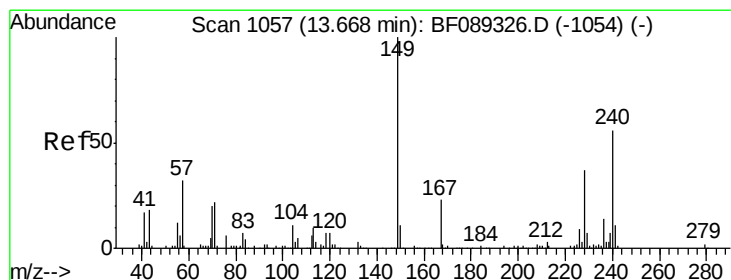
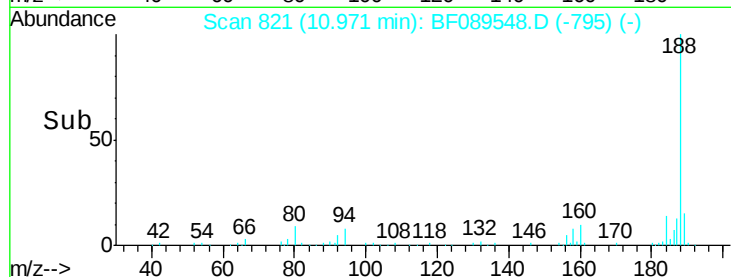
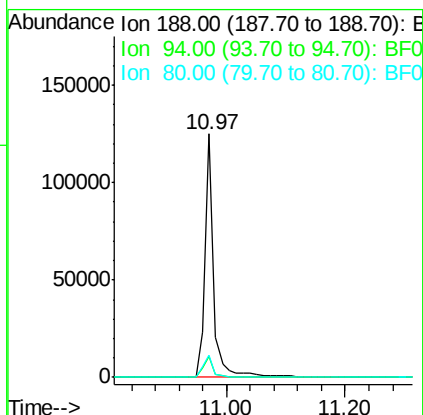
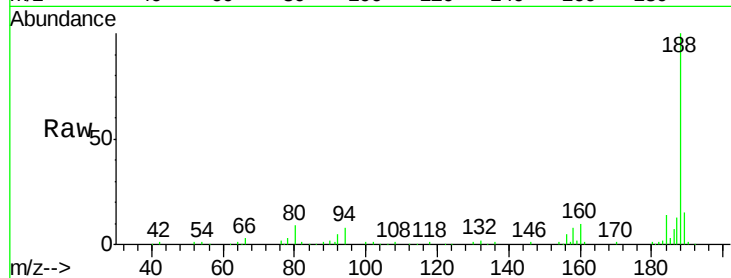




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

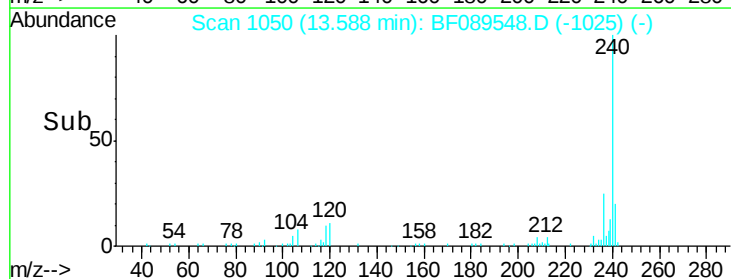
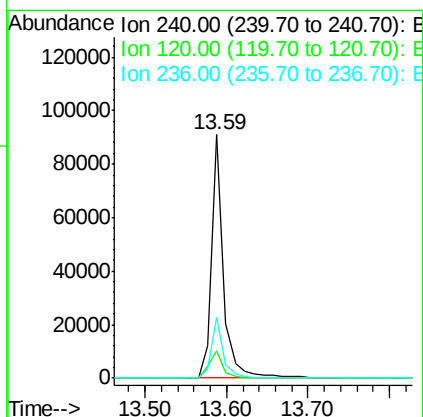
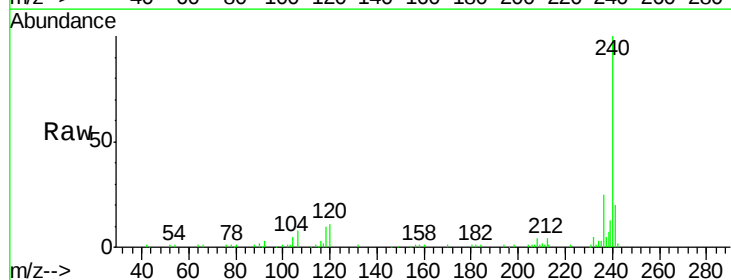
Instrument :
BNA_F
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GW-53-18.5-20.0

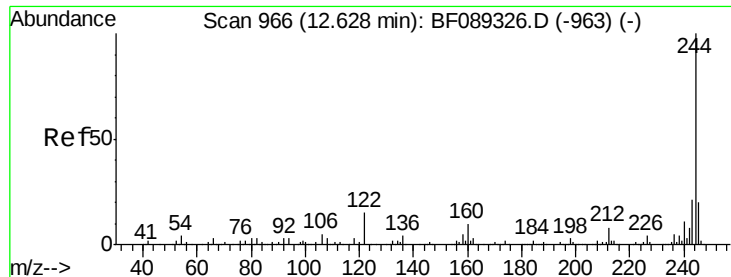
Tot Ion:188 Resp: 132128
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion:240 Resp: 94831
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.0 20.6 30.8

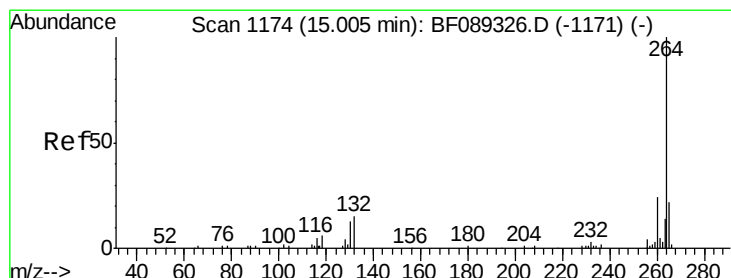
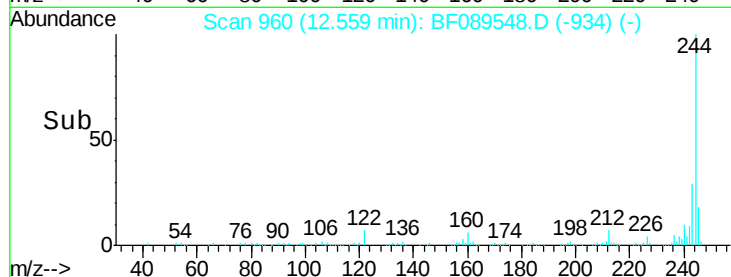
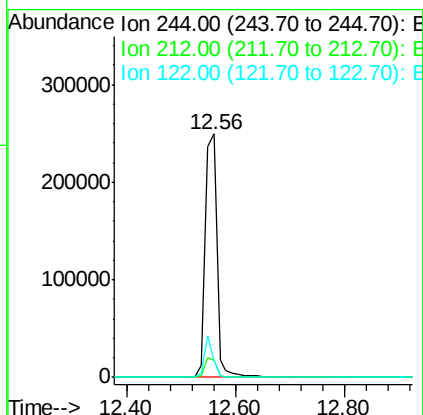
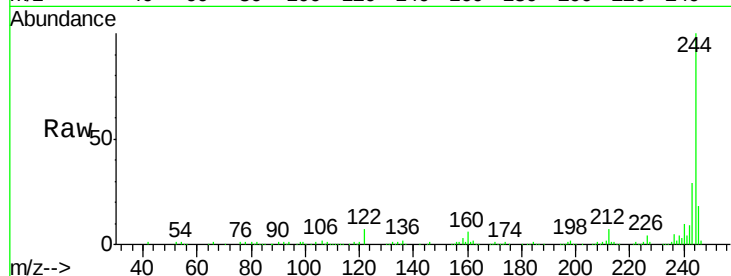




#78
 Terphenyl-d14
 Concen: 91.53 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Tot Ion:244 Resp: 370878
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.1 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: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion:264 Resp: 86753
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.4 17.5 26.3

