

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089431.D
 Acq On : 30 Jul 2016 2:11
 Operator : UM/SJ
 Sample : H4221-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-45-7.8-13.0

Quant Time: Jul 30 03:13:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 30 01:00:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	42645	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	165641	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	75615	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	107347	20.00	ng	0.00
75) Chrysene-d12	13.63	240	82700	20.00	ng	0.00
86) Perylene-d12	14.96	264	92443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	141683	53.05	ng	0.00
7) Phenol-d6	6.17	99	129461	36.68	ng	-0.01
23) Nitrobenzene-d5	7.08	82	263380	93.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	62642	100.03	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	449443	87.23	ng	0.00
78) Terphenyl-d14	12.59	244	275951	78.10	ng	-0.01

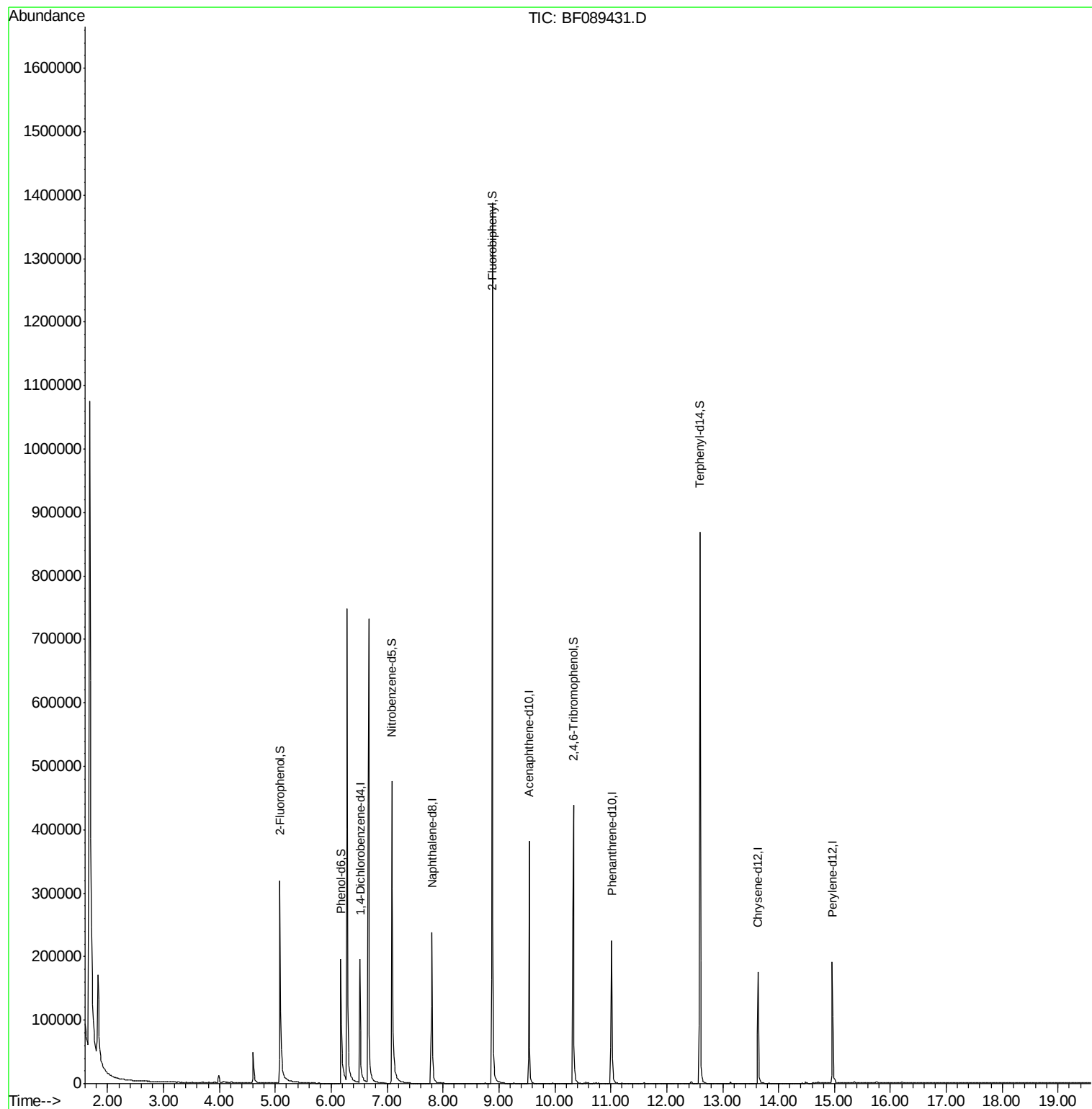
Target Compounds	Qvalue
------------------	--------

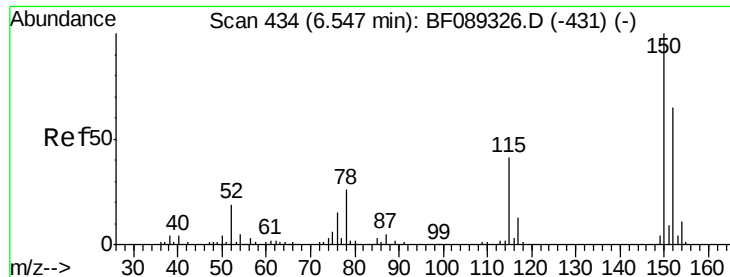
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089431.D
Acq On : 30 Jul 2016 2:11
Operator : UM/SJ
Sample : H4221-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-45-7.8-13.0

Quant Time: Jul 30 03:13:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration

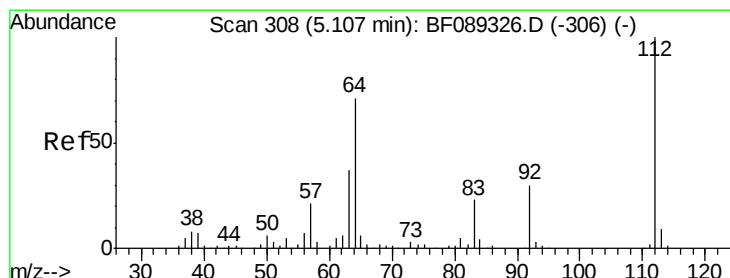
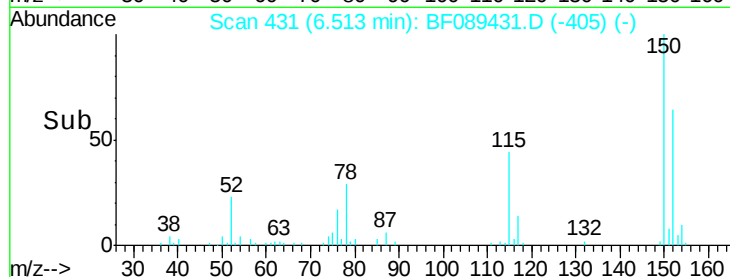
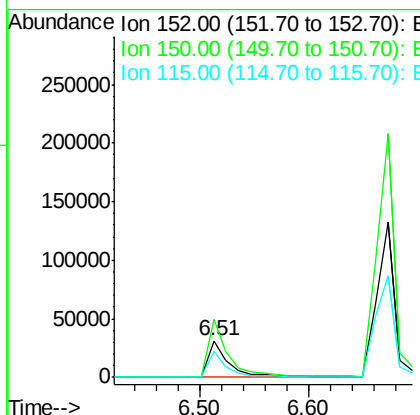
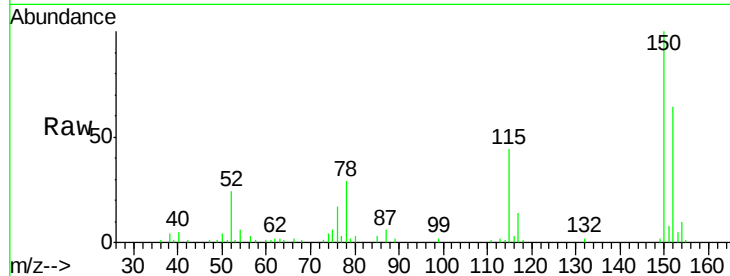




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

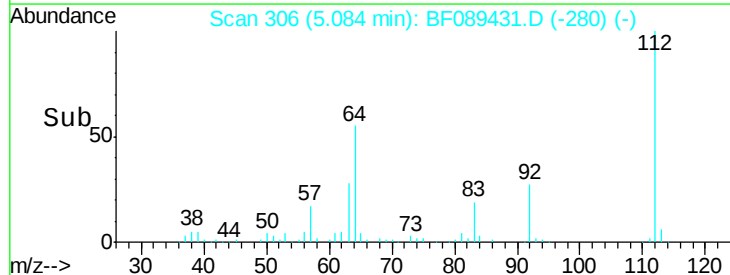
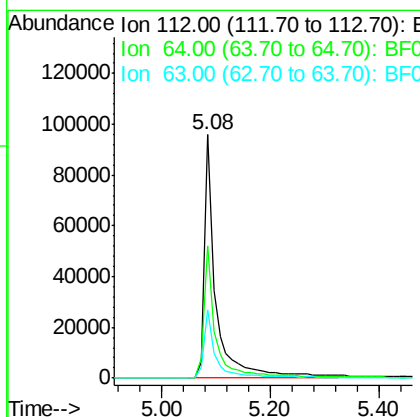
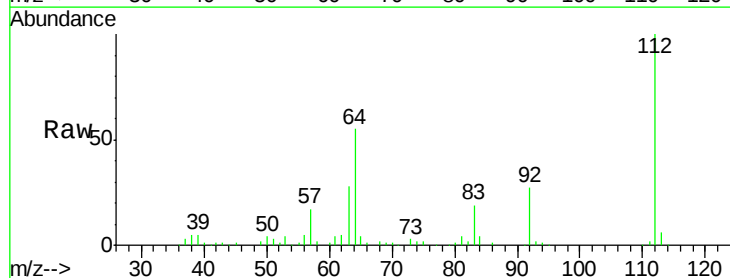
Instrument :
 BNA_F
 ClientSampleId :
 GW-45-7.8-13.0

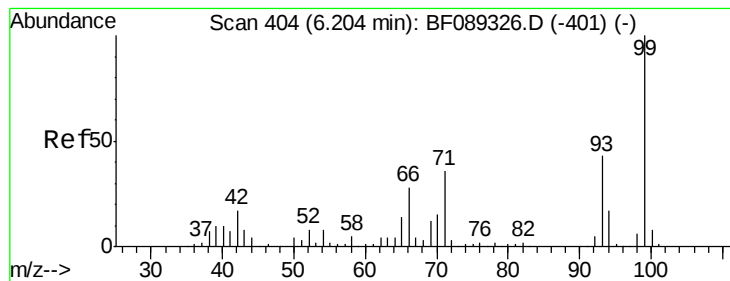
Tgt Ion:152 Resp: 42645
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.5 194.3
 115 69.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 53.05 ng
 RT: 5.08 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Tgt Ion:112 Resp: 141683
 Ion Ratio Lower Upper
 112 100
 64 54.6 55.0 82.6#
 63 28.0 29.4 44.2#





#7

Phenol-d6

Concen: 36.68 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089431.D

Acq: 30 Jul 2016 2:11

Instrument :

BNA_F

ClientSampleId :

GW-45-7.8-13.0

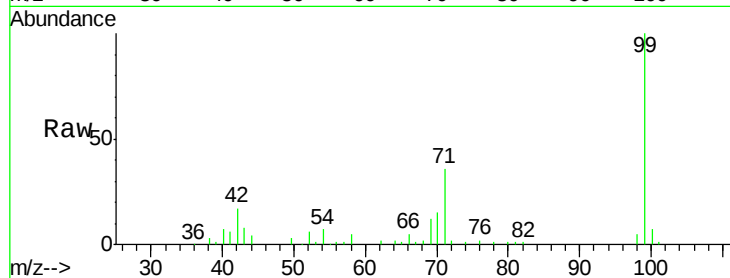
Tgt Ion: 99 Resp: 129461

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

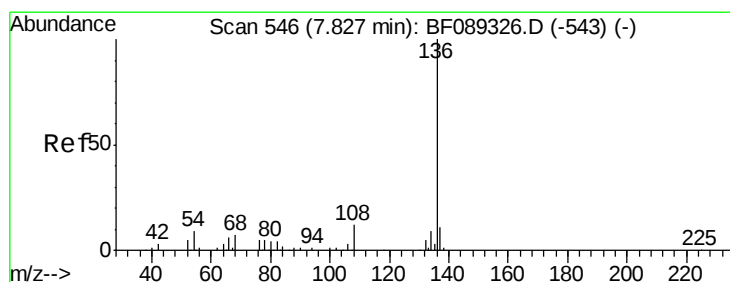
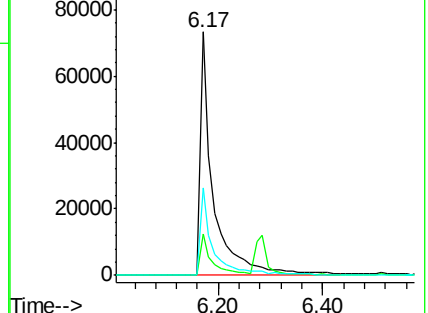
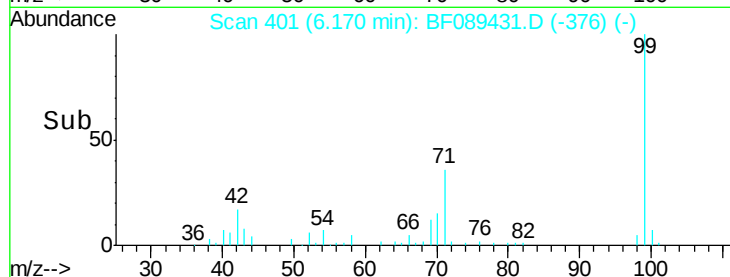
71 36.0 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF089431.D

Acq: 30 Jul 2016 2:11

Tgt Ion: 136 Resp: 165641

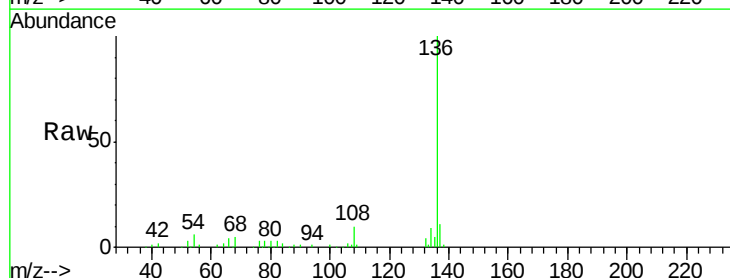
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.8 7.0 10.4#

68 4.9 4.9 7.3#

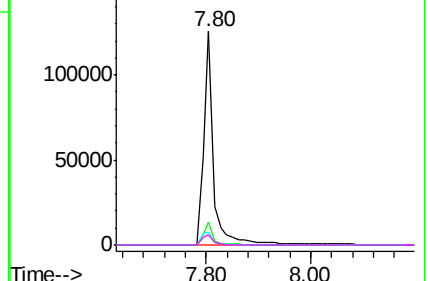
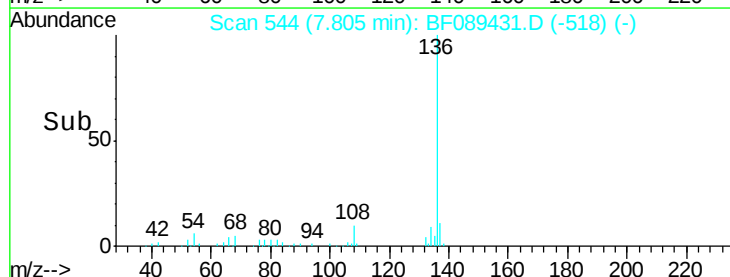


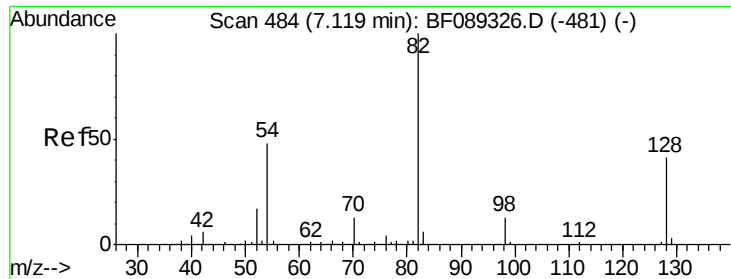
Abundance Ion 136.00 (135.70 to 136.70): E

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

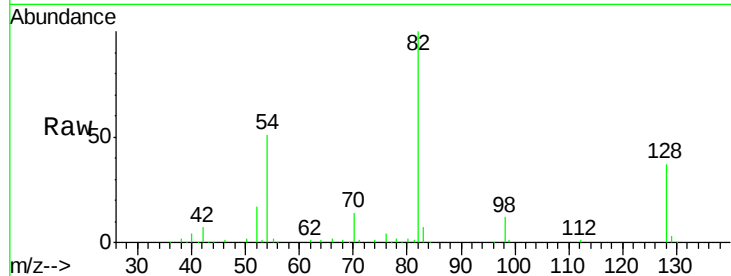




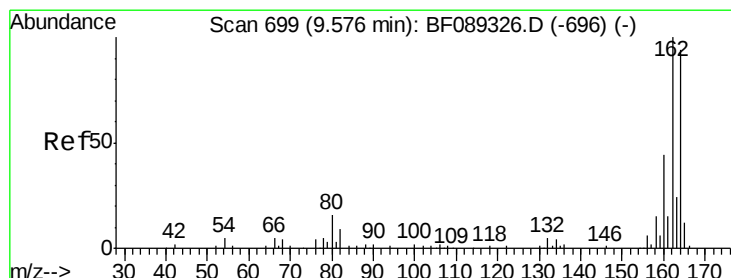
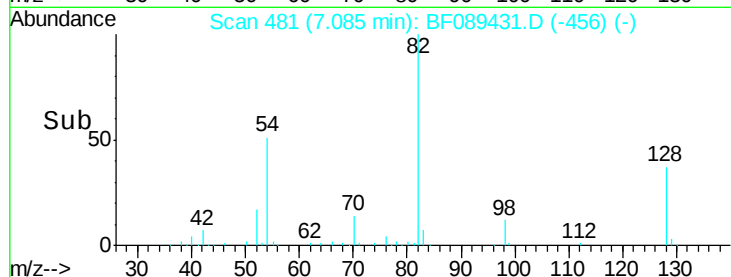
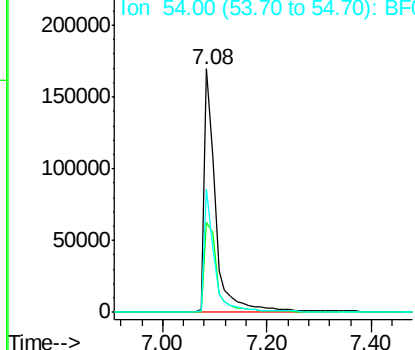
#23
 Nitrobenzene-d5
 Concen: 93.85 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-45-7.8-13.0

Tgt Ion: 82 Resp: 263380
 Ion Ratio Lower Upper
 82 100
 128 37.0 32.5 48.7
 54 50.8 38.8 58.2

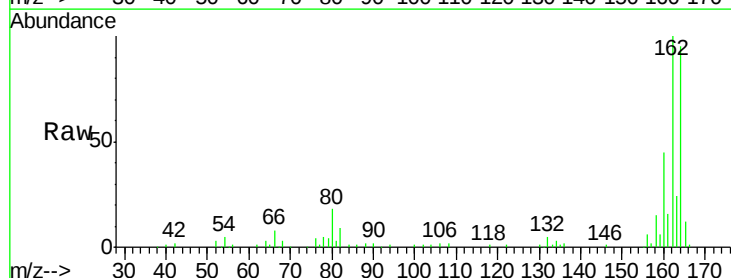


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

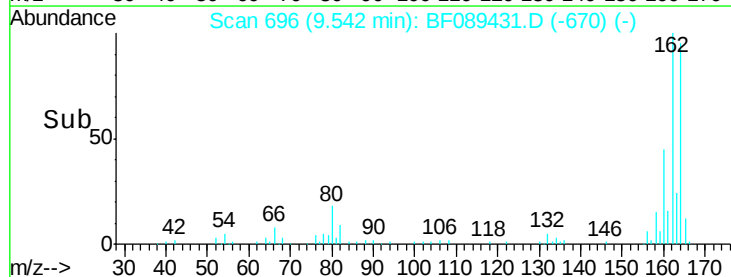
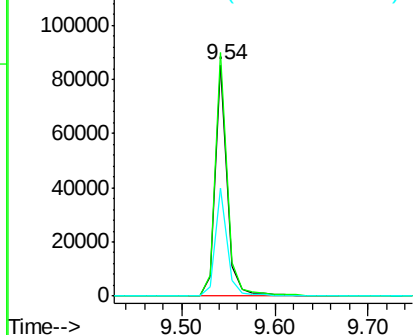


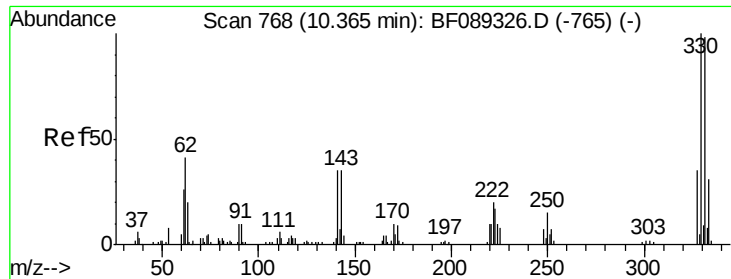
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Tgt Ion: 164 Resp: 75615
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.7 125.5
 160 46.9 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

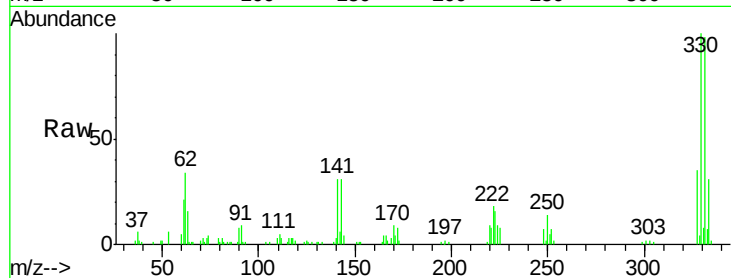




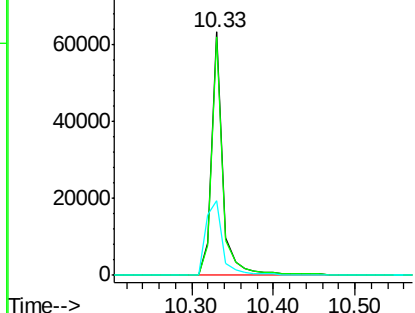
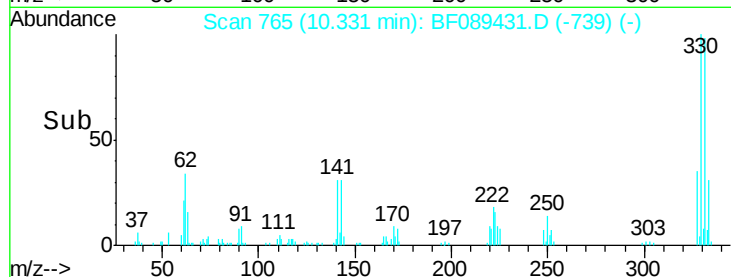
#41
 2,4,6-Tribromophenol
 Concen: 100.03 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-45-7.8-13.0

Tgt Ion:330 Resp: 62642
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 45.7 37.3 55.9

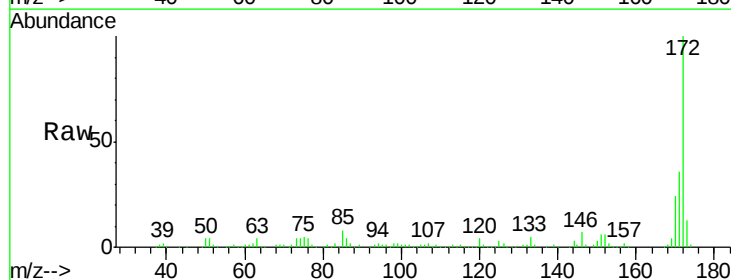


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

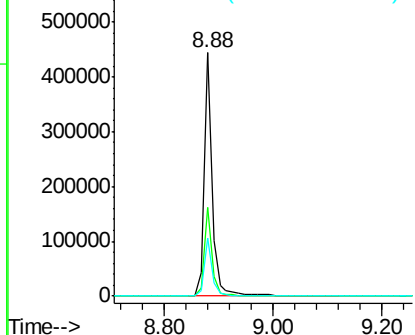
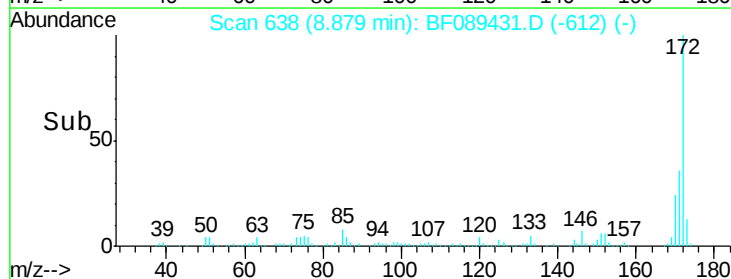


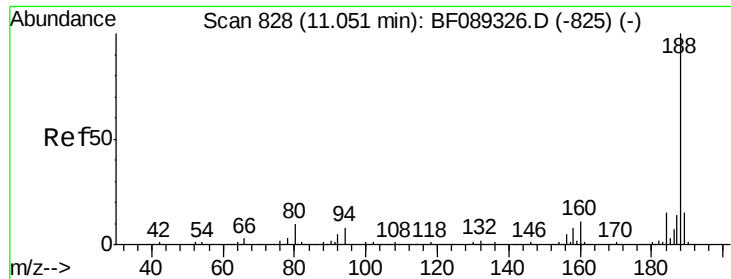
#44
 2-Fluorobiphenyl
 Concen: 87.23 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Tgt Ion:172 Resp: 449443
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 24.0 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

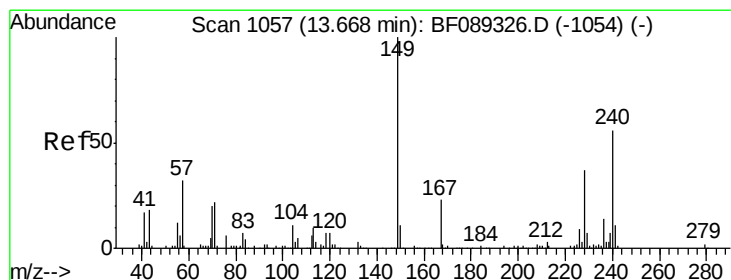
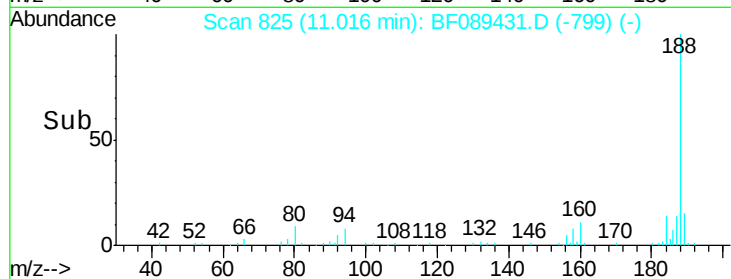
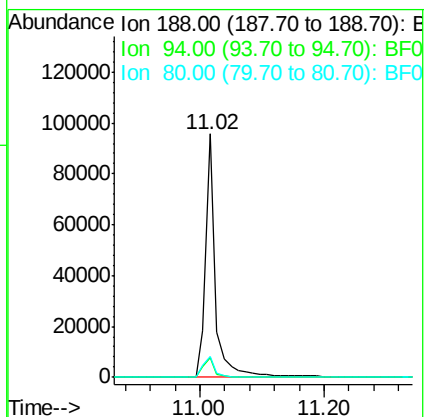
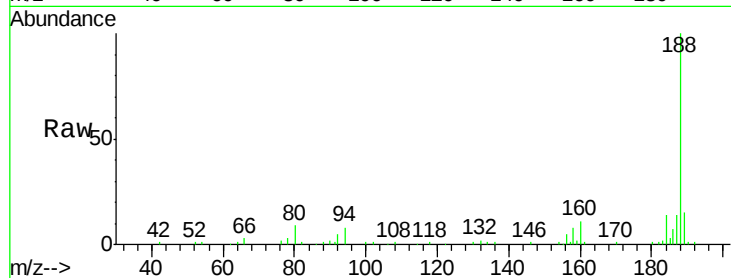




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089431.D
Acq: 30 Jul 2016 2:11

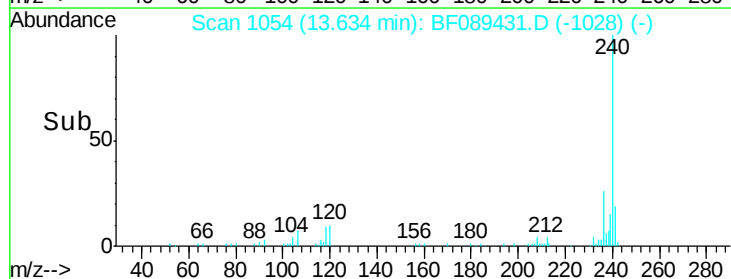
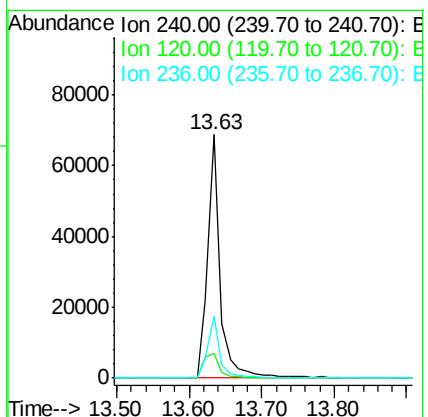
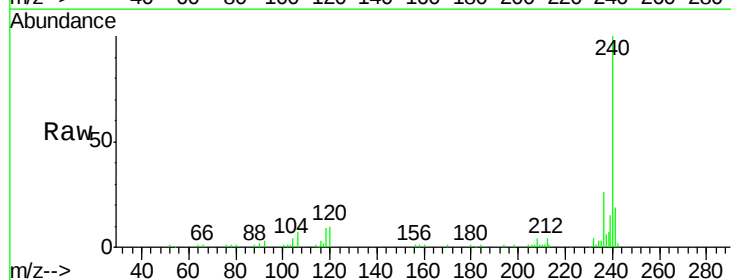
Instrument :
BNA_F
ClientSampleId :
GW-45-7.8-13.0

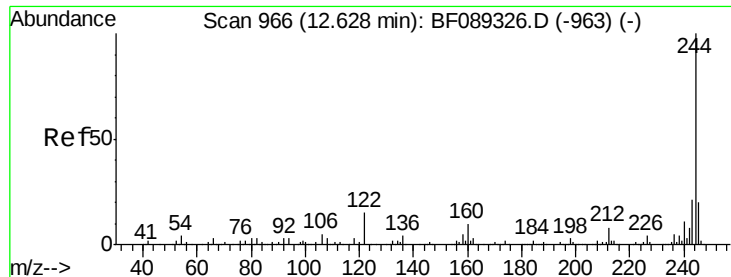
Tgt Ion:188 Resp: 107347
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF089431.D
Acq: 30 Jul 2016 2:11

Tgt Ion:240 Resp: 82700
Ion Ratio Lower Upper
240 100
120 10.0 9.1 13.7
236 25.5 20.6 30.8

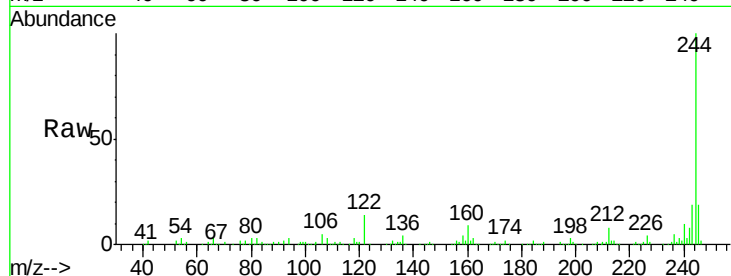




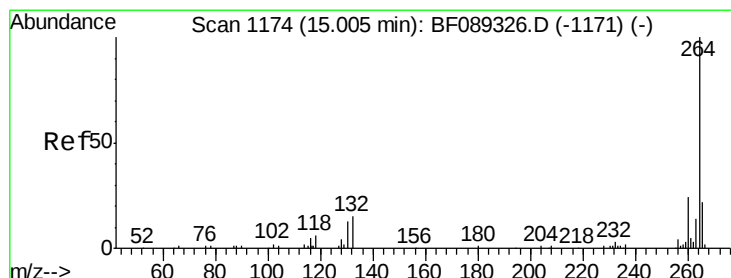
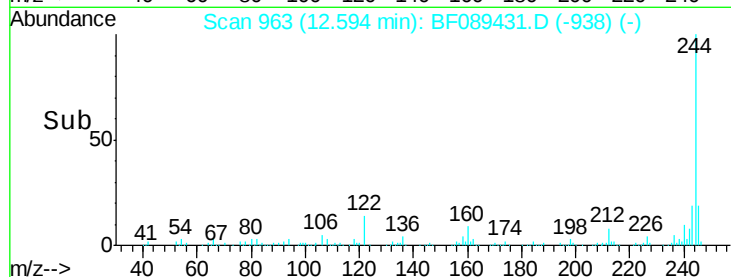
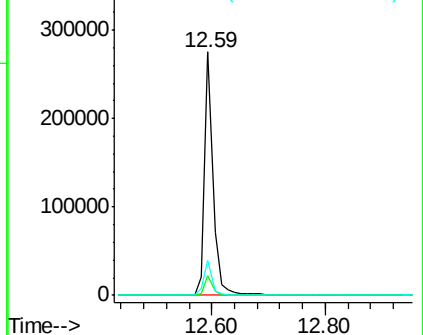
#78
 Terphenyl-d14
 Concen: 78.10 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-45-7.8-13.0

Tgt Ion:244 Resp: 275951
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 14.5 11.4 17.0

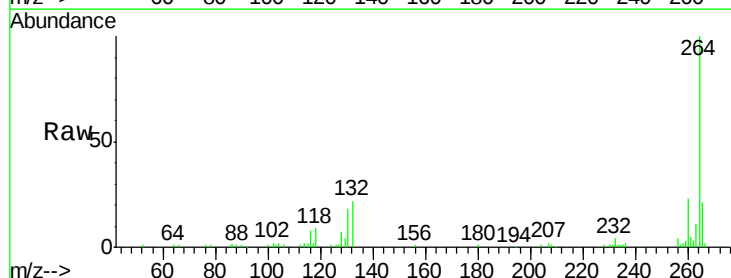


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF089431.D
 Acq: 30 Jul 2016 2:11

Tgt Ion:264 Resp: 92443
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.1 17.5 26.3



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

