

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089418.D
 Acq On : 29 Jul 2016 19:35
 Operator : UM/SJ
 Sample : H4221-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Quant Time: Aug 01 01:45:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	41521	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	162341	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	76589	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	114798	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	79895	20.00	ng	-0.03
86) Perylene-d12	14.96	264	87131	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	206820	79.53	ng	-0.02
7) Phenol-d6	6.17	99	198722	57.83	ng	-0.03
23) Nitrobenzene-d5	7.08	82	261674	95.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	68617	108.17	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	476166	91.24	ng	-0.03
78) Terphenyl-d14	12.59	244	286367	83.89	ng	-0.03

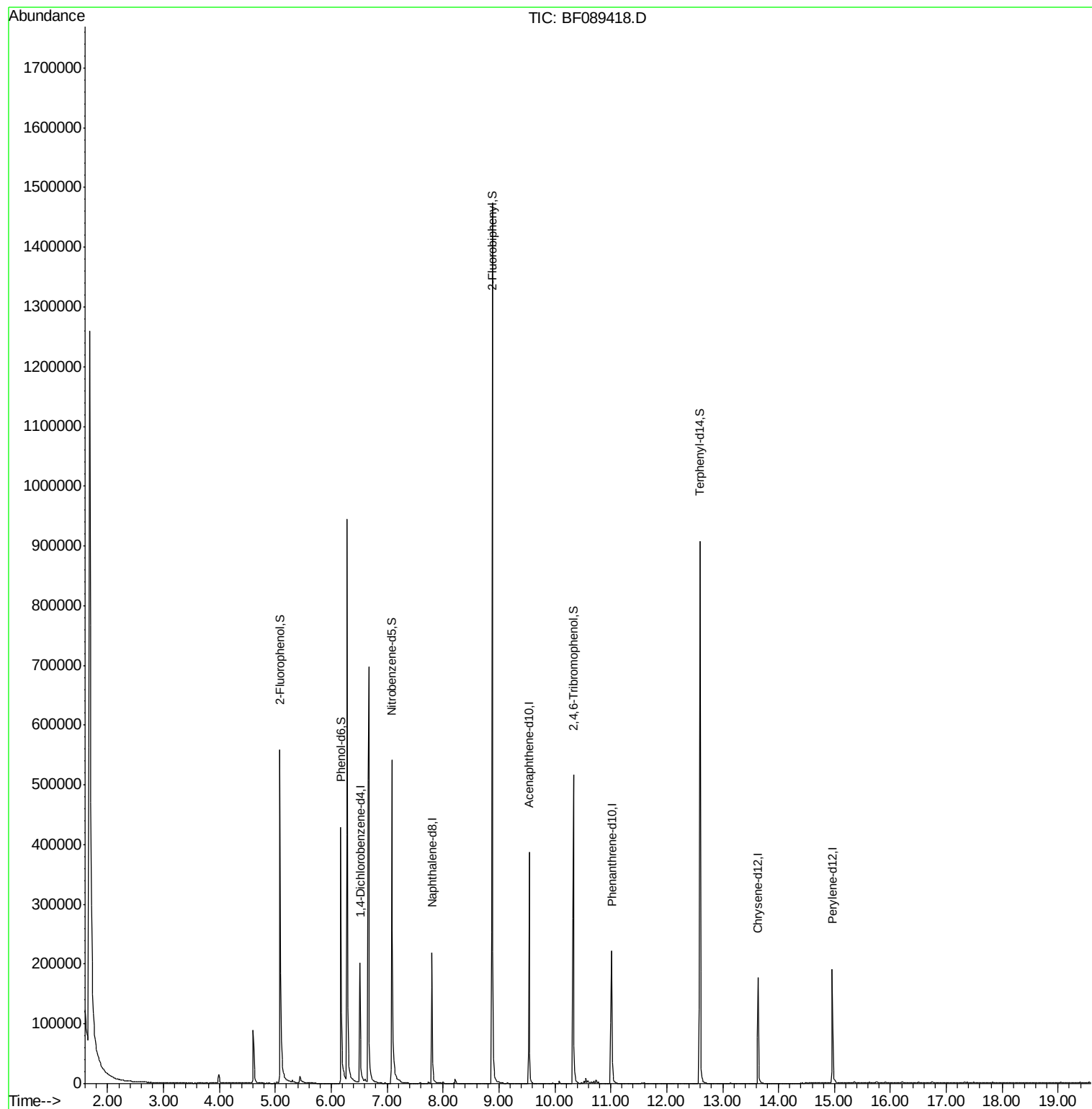
Target Compounds	Qvalue
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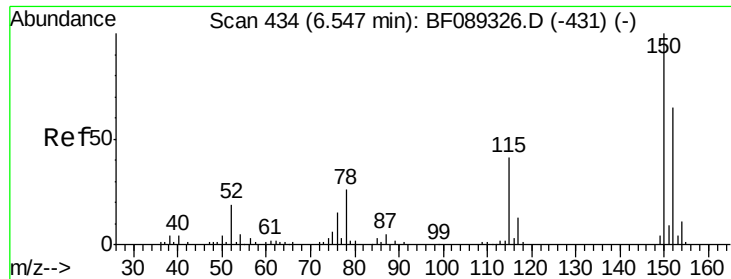
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

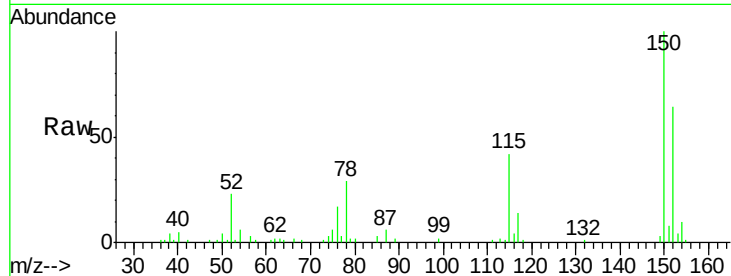
Tgt Ion:152 Resp: 41521

Ion Ratio Lower Upper

152 100

150 157.3 129.5 194.3

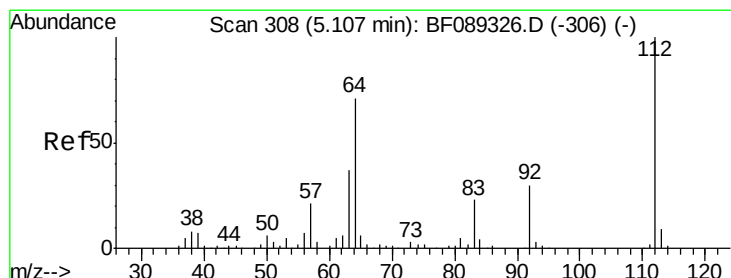
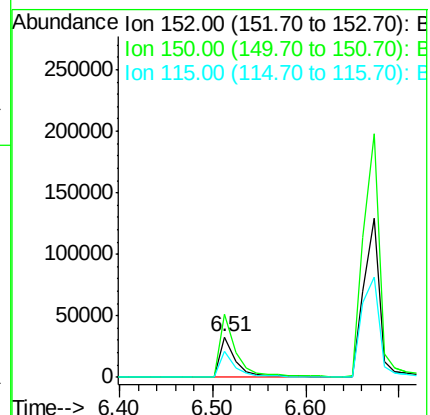
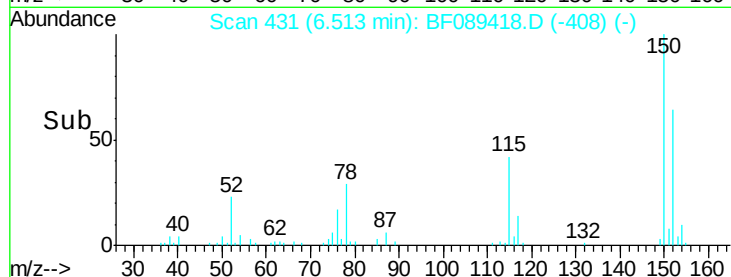
115 66.0 51.4 77.2



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: 79.53 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

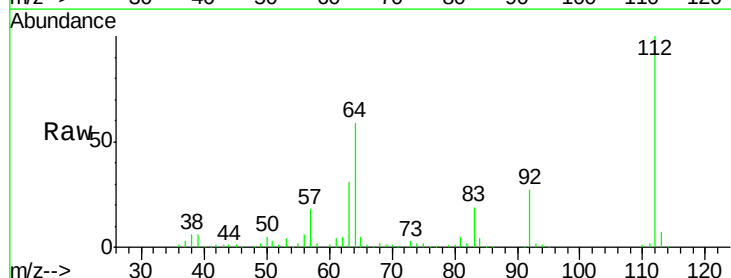
Tgt Ion:112 Resp: 206820

Ion Ratio Lower Upper

112 100

64 59.1 55.0 82.6

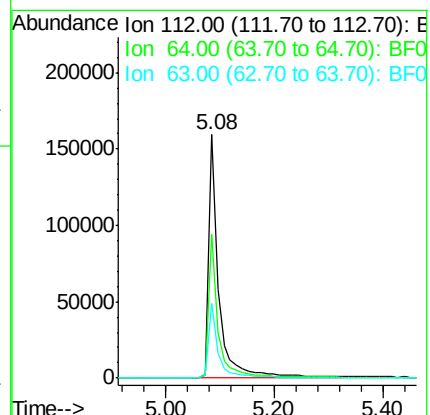
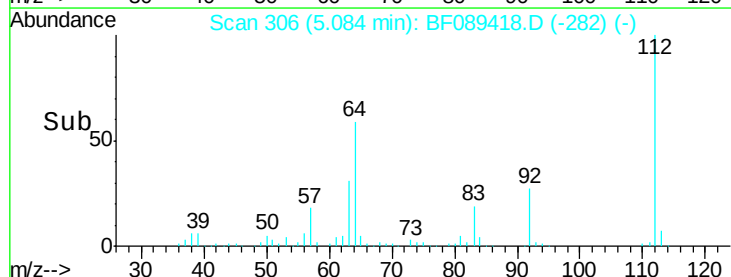
63 30.8 29.4 44.2

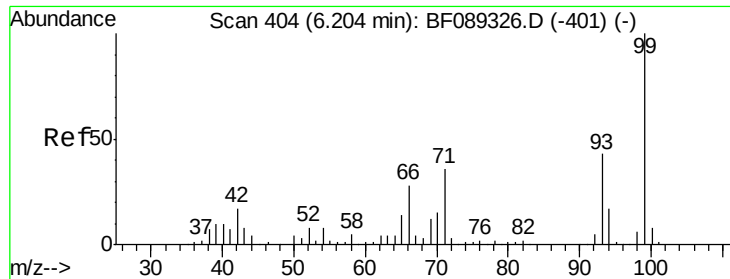


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.83 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Instrument :

BNA_F

ClientSampleId :

GW-43-8.7-15.0

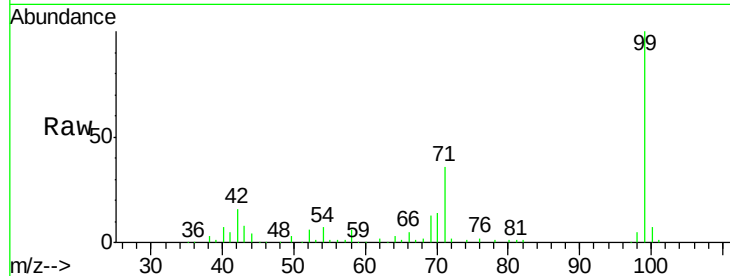
Tgt Ion: 99 Resp: 198722

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

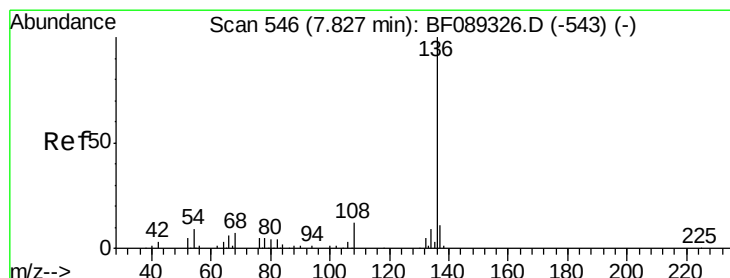
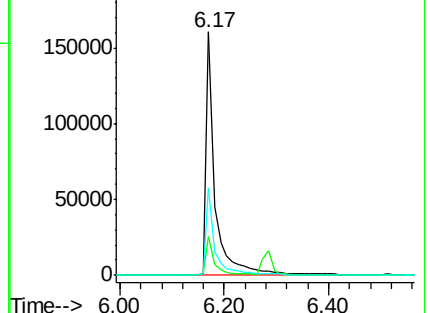
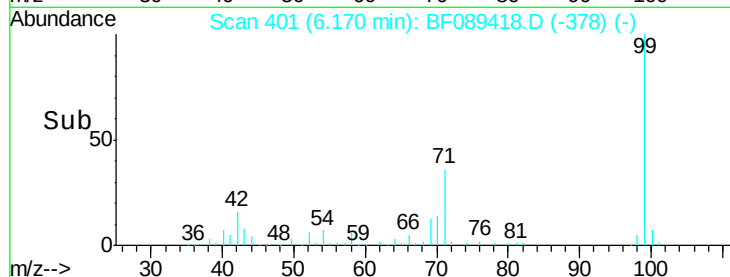
71 35.8 29.4 44.2



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. -0.02 min

Lab File: BF089418.D

Acq: 29 Jul 2016 19:35

Tgt Ion: 136 Resp: 162341

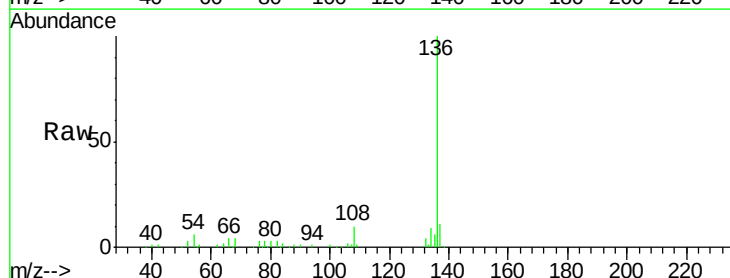
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.6 7.0 10.4#

68 4.3 4.9 7.3#

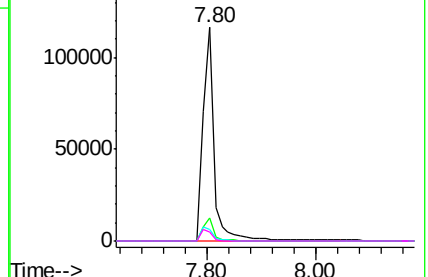
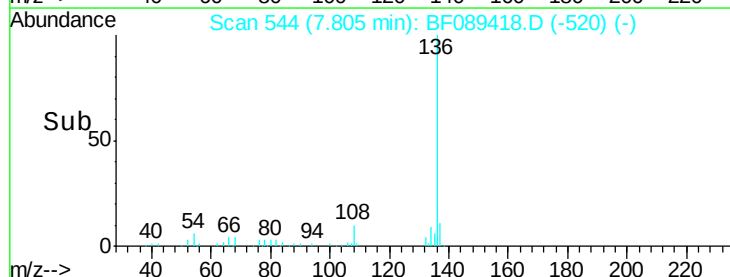


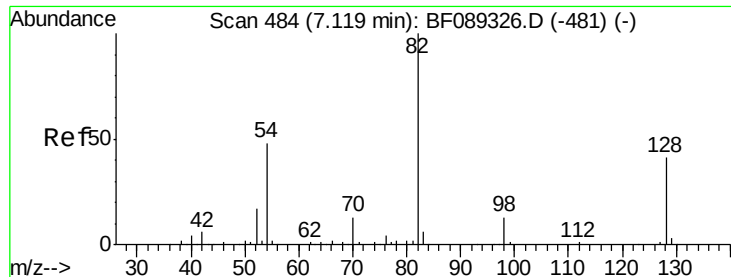
Abundance Ion 136.00 (135.70 to 136.70): E

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

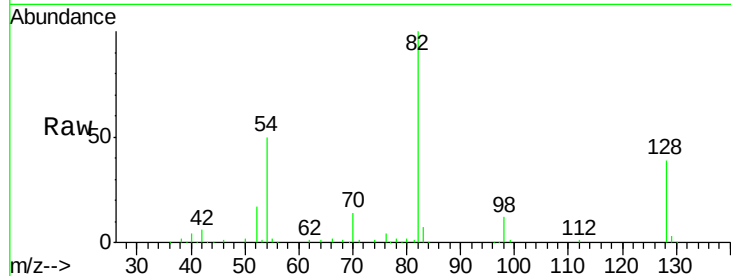




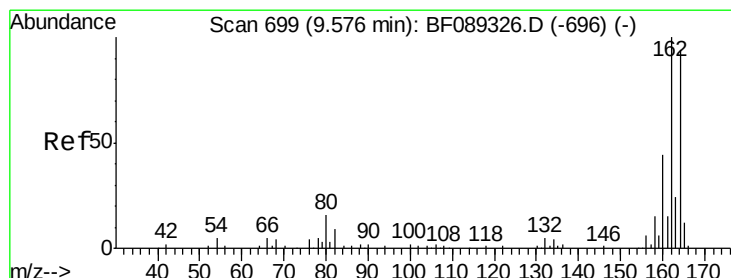
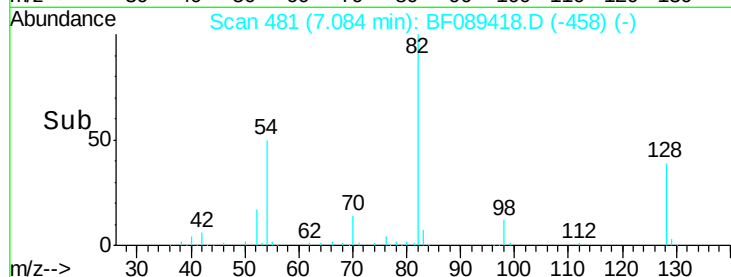
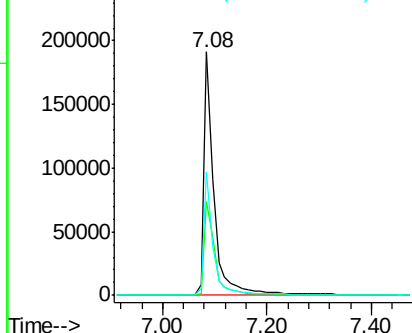
#23
 Nitrobenzene-d5
 Concen: 95.14 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Tgt Ion: 82 Resp: 261674
 Ion Ratio Lower Upper
 82 100
 128 38.7 32.5 48.7
 54 50.5 38.8 58.2

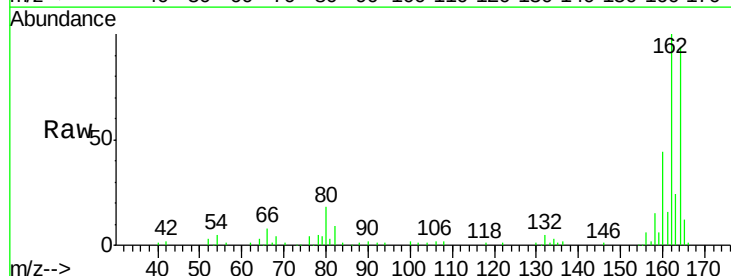


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

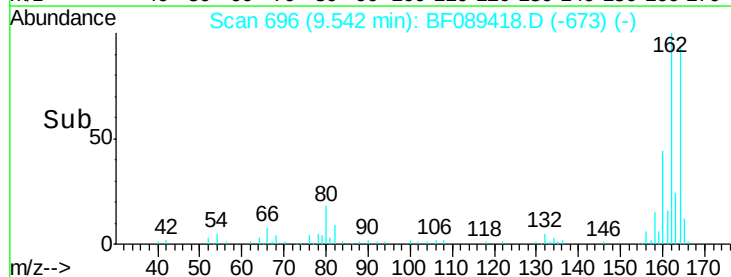
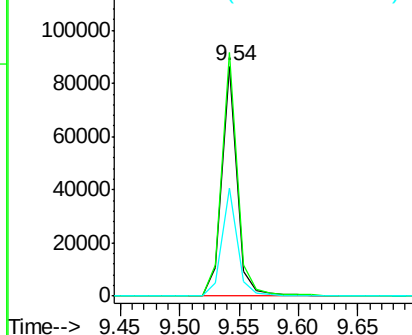


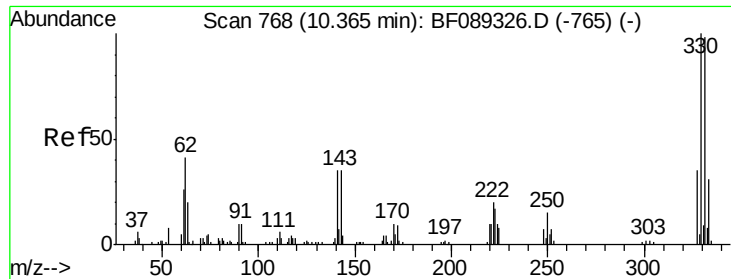
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion: 164 Resp: 76589
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.7 125.5
 160 46.8 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

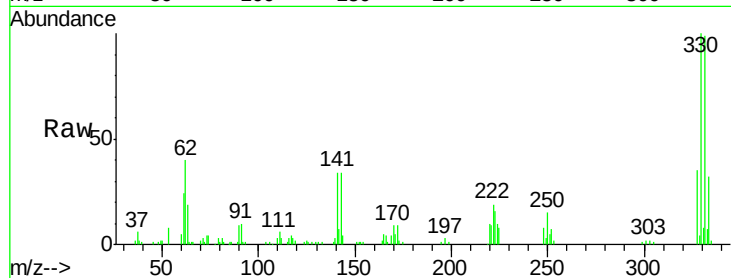




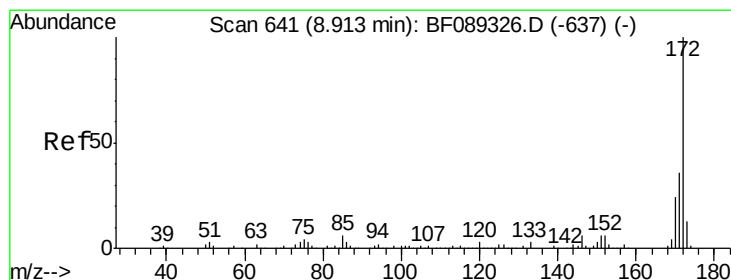
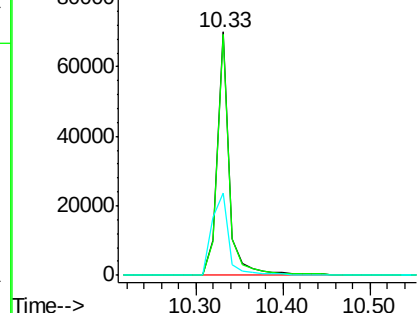
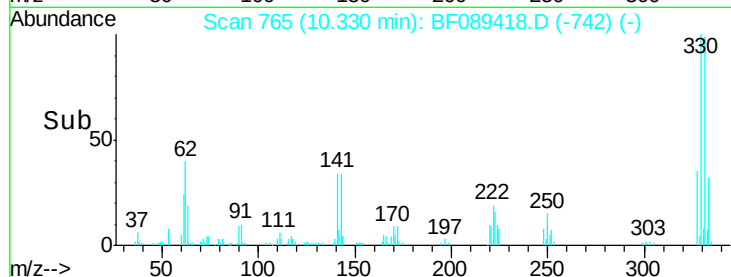
#41
 2,4,6-Tribromophenol
 Concen: 108.17 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.8	115.2
141	46.5	37.3	55.9

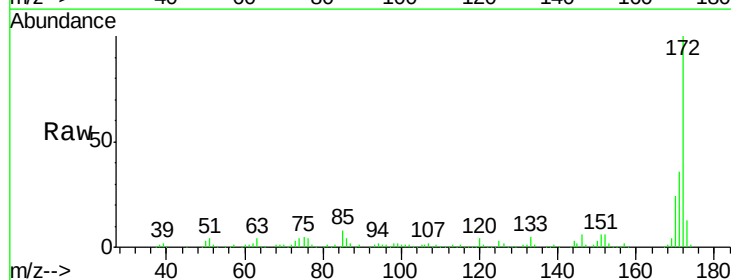


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

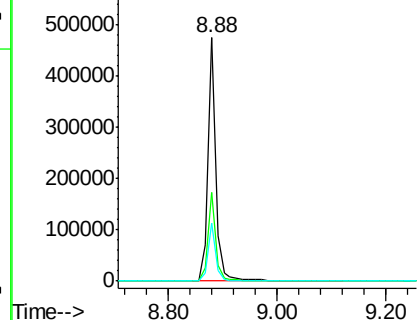
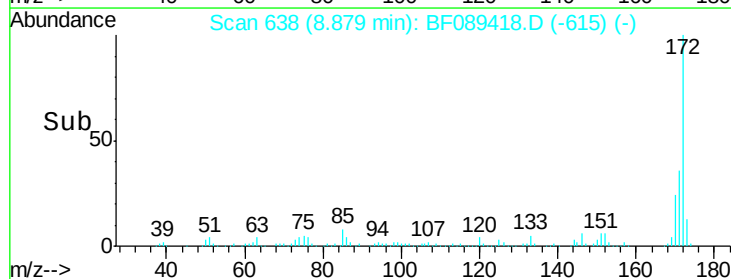


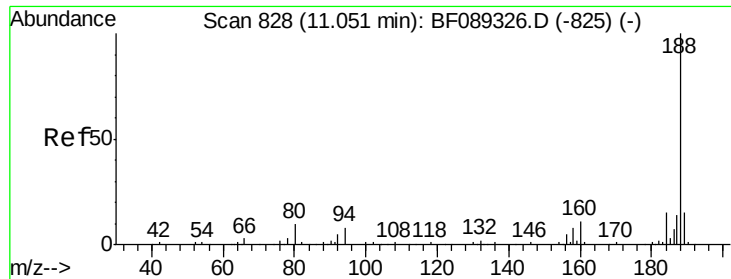
#44
 2-Fluorobiphenyl
 Concen: 91.24 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

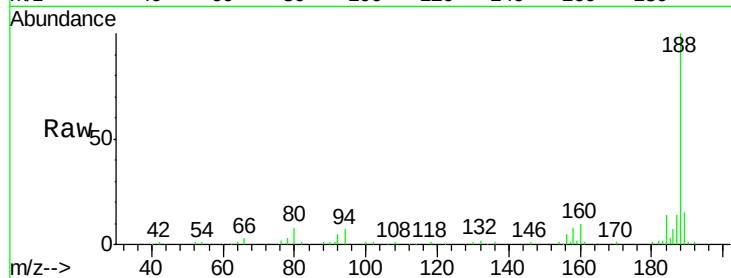




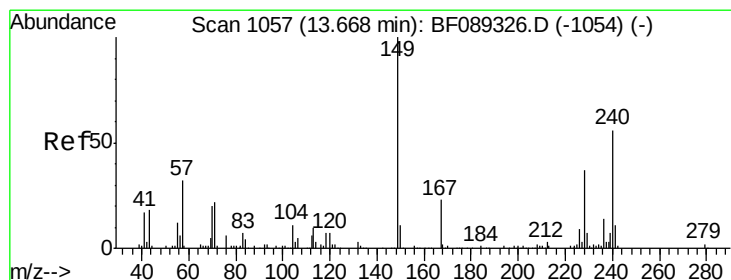
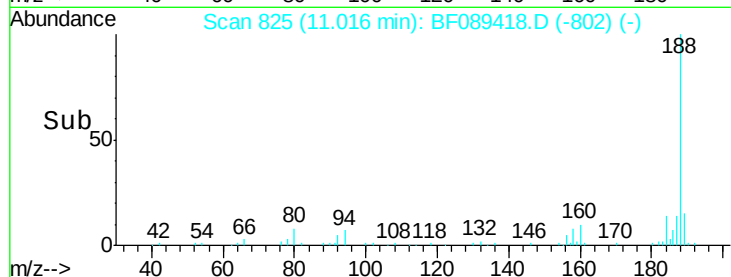
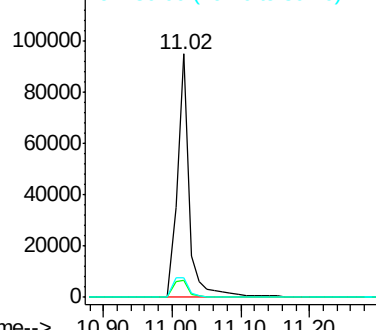
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:188 Resp: 114798
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.2 7.2 10.8

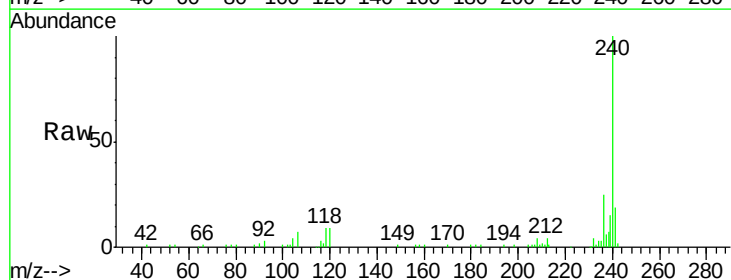


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

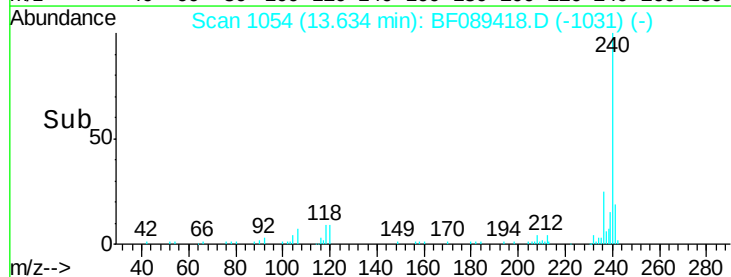
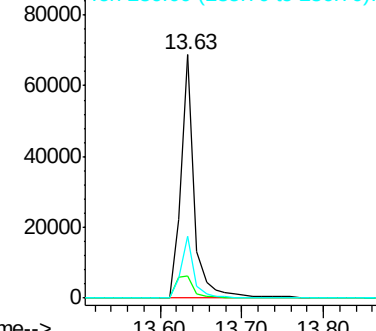


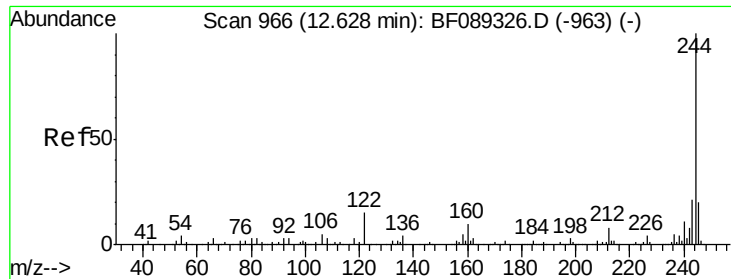
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:240 Resp: 79895
Ion Ratio Lower Upper
240 100
120 9.3 9.1 13.7
236 25.2 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

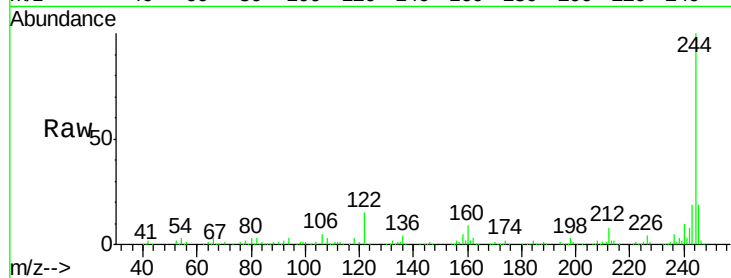




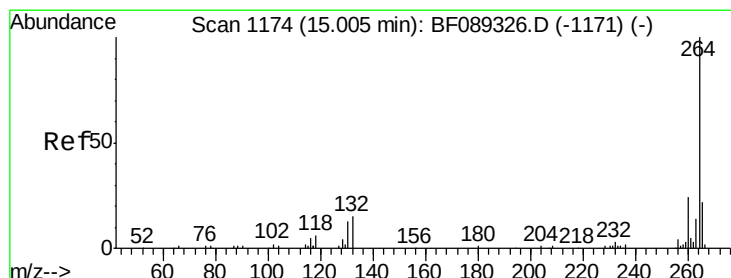
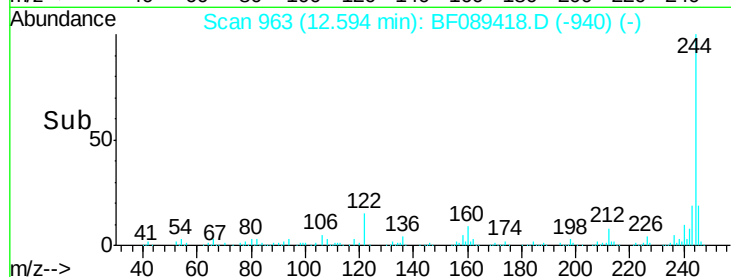
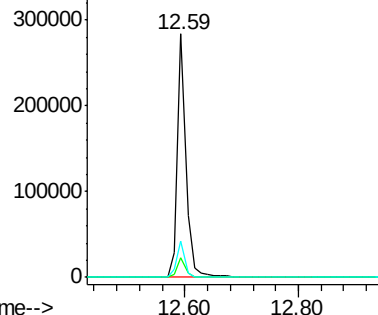
#78
 Terphenyl-d14
 Concen: 83.89 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-43-8.7-15.0

Tgt Ion:244 Resp: 286367
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 14.8 11.4 17.0

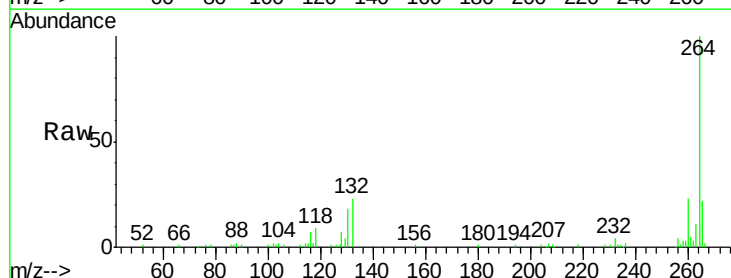


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF089418.D
 Acq: 29 Jul 2016 19:35

Tgt Ion:264 Resp: 87131
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.8 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

