

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017268.D
 Acq On : 23 May 2015 6:13
 Operator : TP/IZ
 Sample : G2255-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-150512

Quant Time: May 25 09:22:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48155	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	204256	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	121568	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	267855	20.00	ng	0.00
75) Chrysene-d12	21.26	240	298059	20.00	ng	0.00
86) Perylene-d12	23.51	264	283388	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	7689	2.83	ng	0.00
7) Phenol-d6	6.89	99	8467	2.22	ng	0.00
23) Nitrobenzene-d5	8.84	82	24189	5.53	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	8894	6.05	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	52443	6.33	ng	0.00
78) Terphenyl-d14	19.71	244	121794	8.52	ng	0.00

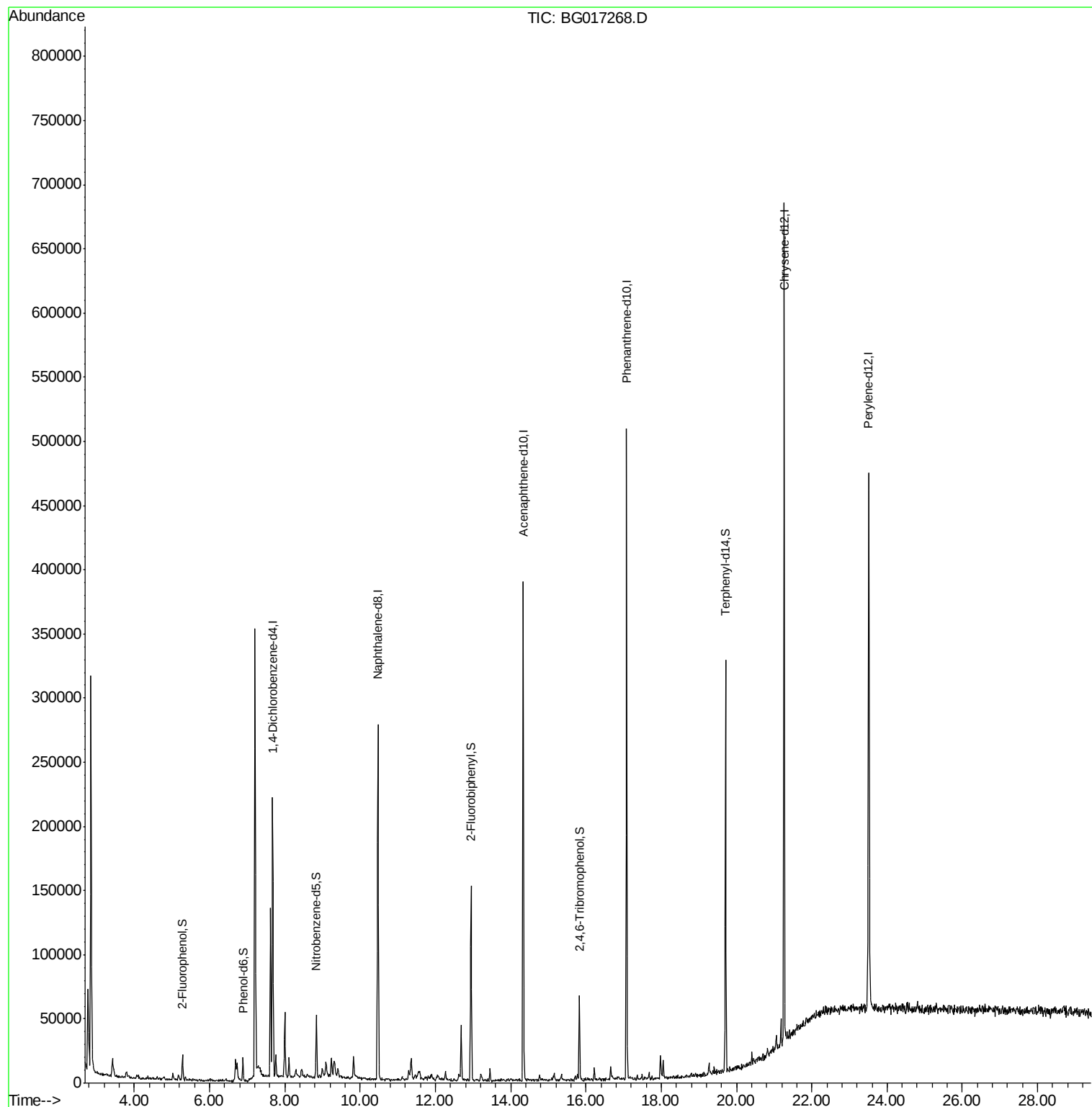
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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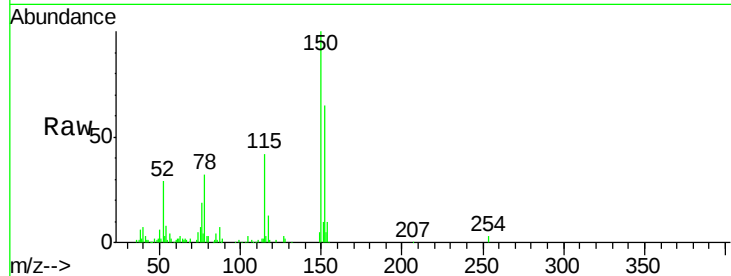


#1

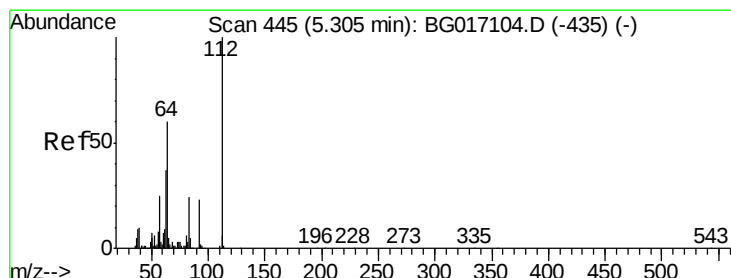
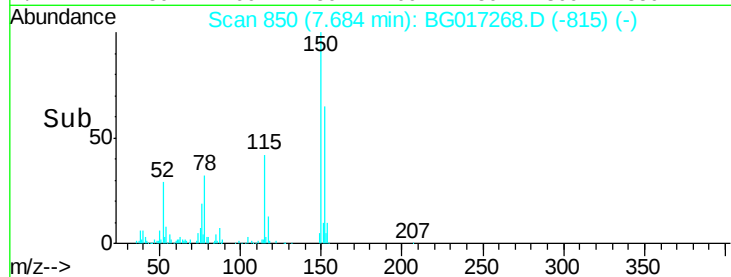
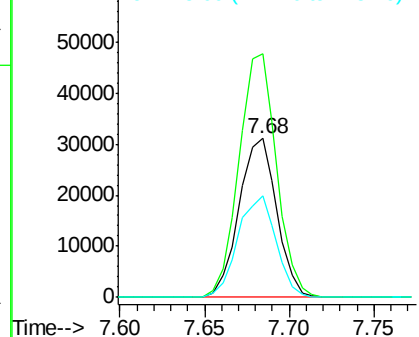
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG017268.D
Acq: 23 May 2015 6:13

Instrument :
BNA_G
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AOC50MW002-150512

Tgt Ion:152 Resp: 48155
Ion Ratio Lower Upper
152 100
150 153.2 120.8 181.2
115 63.8 49.4 74.2



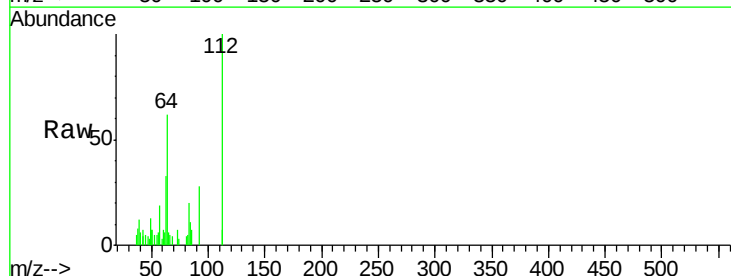
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



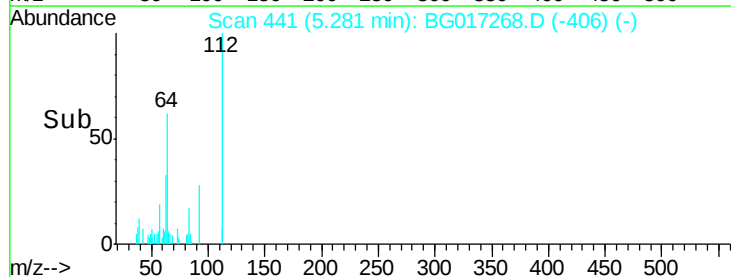
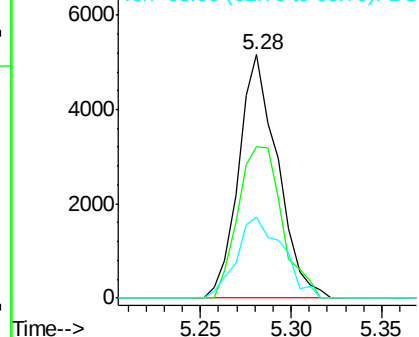
#5

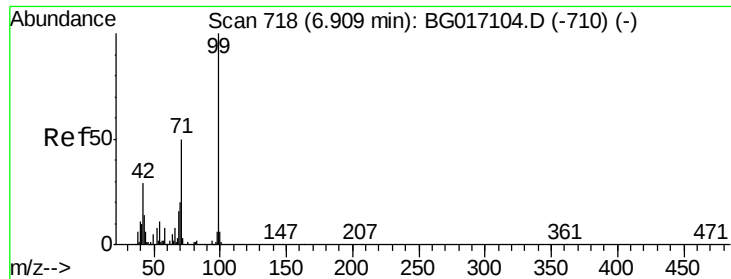
2-Fluorophenol
Concen: 2.83 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG017268.D
Acq: 23 May 2015 6:13

Tgt Ion:112 Resp: 7689
Ion Ratio Lower Upper
112 100
64 62.4 48.1 72.1
63 33.0 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG017268.D (-406) (-)
Ion 63.00 (62.70 to 63.70): BG017268.D (-406) (-)





#7

Phenol-d6

Concen: 2.22 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017268.D

Acq: 23 May 2015 6:13

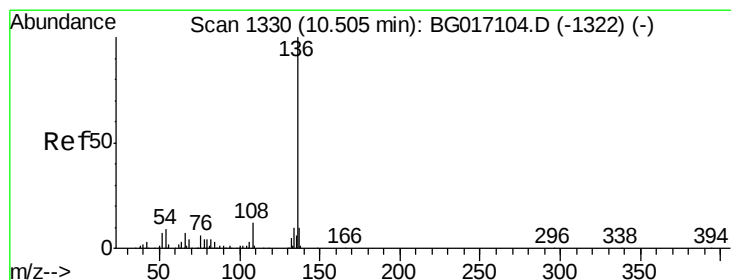
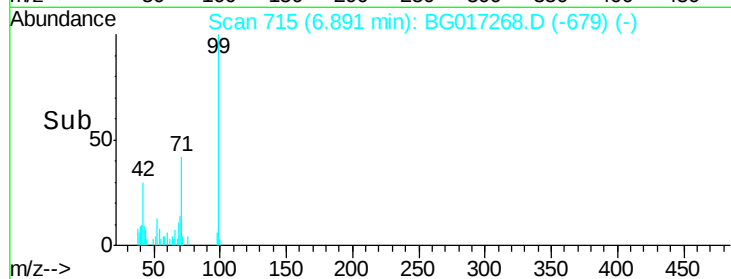
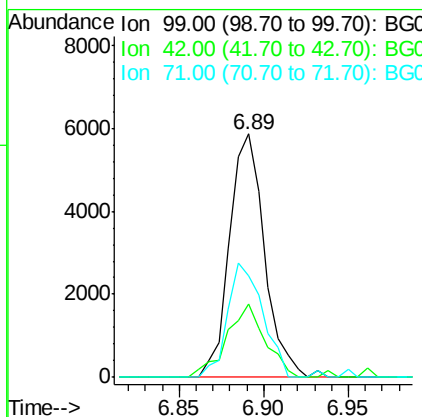
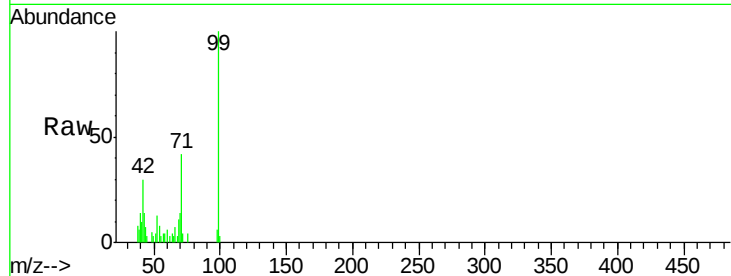
Instrument :

BNA_G

ClientSampleId :

AOC50MW002-150512

Tgt Ion:	99	Resp:	8467
Ion	Ratio	Lower	Upper
99	100		
42	30.0	23.5	35.3
71	41.7	39.8	59.8



#21

Naphthalene-d8

Concen: 20.00 ng

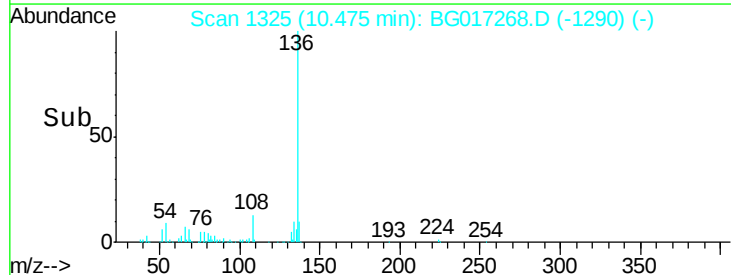
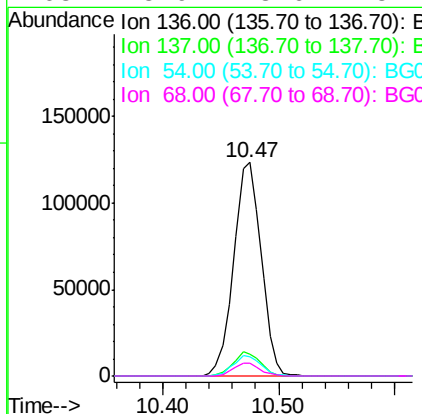
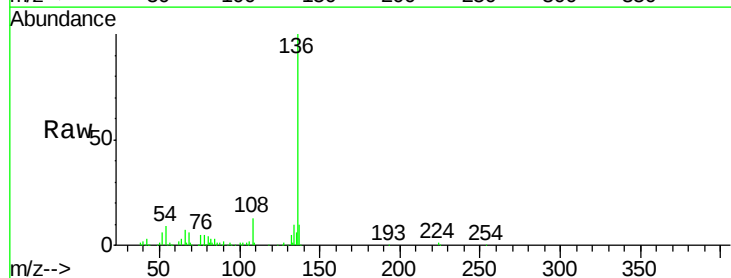
RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017268.D

Acq: 23 May 2015 6:13

Tgt Ion:	136	Resp:	204256
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	9.2	7.4	11.2
68	5.9	3.6	5.4#

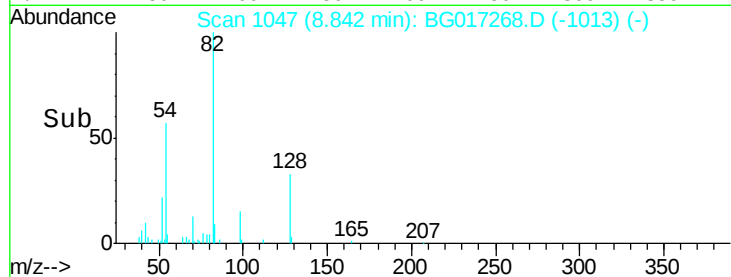
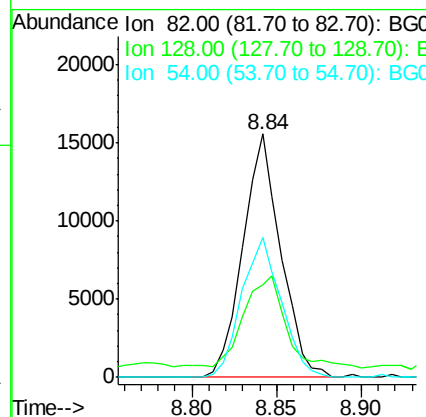
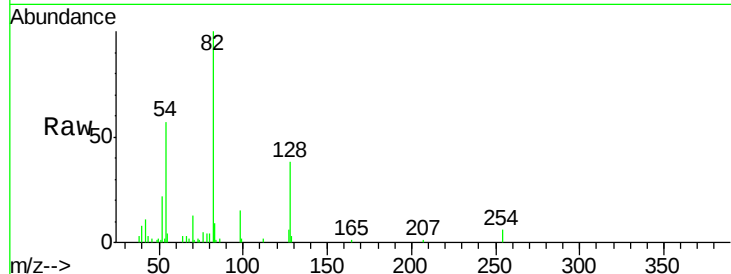




#23
 Nitrobenzene-d5
 Concen: 5.53 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG017268.D
 Acq: 23 May 2015 6:13

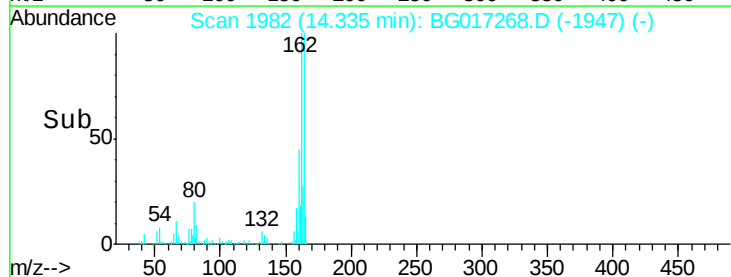
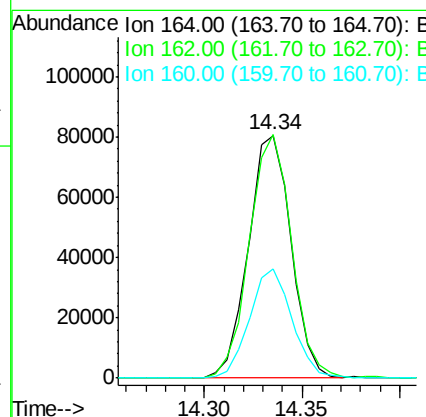
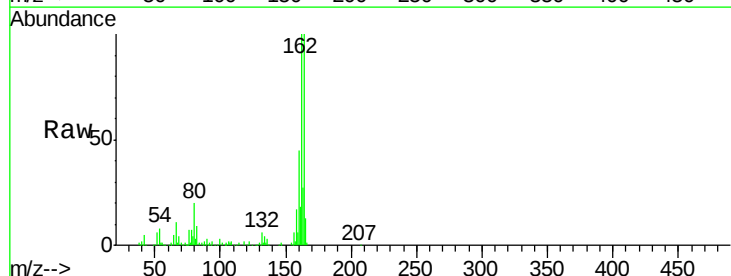
Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-150512

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.6	49.0
54	57.4	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG017268.D
 Acq: 23 May 2015 6:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.1	123.1
160	45.2	34.8	52.2

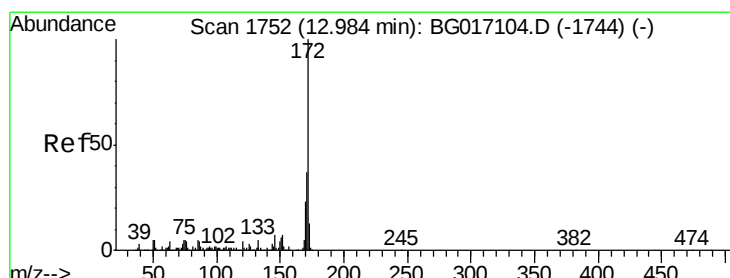
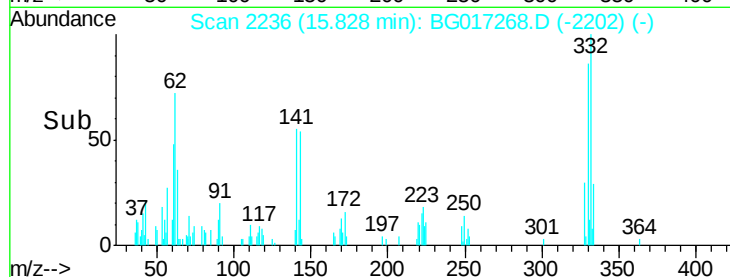
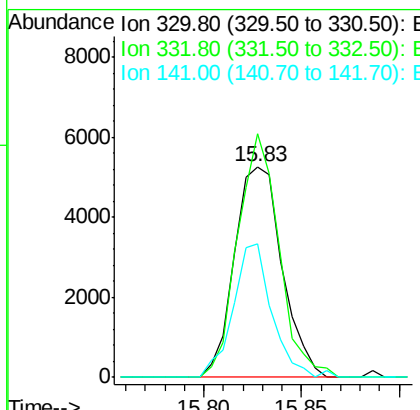
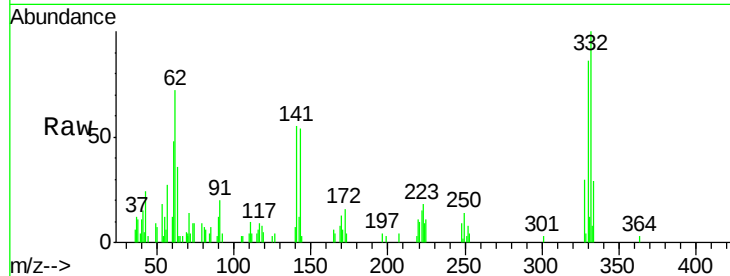




#41
 2,4,6-Tribromophenol
 Concen: 6.05 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017268.D
 Acq: 23 May 2015 6:13

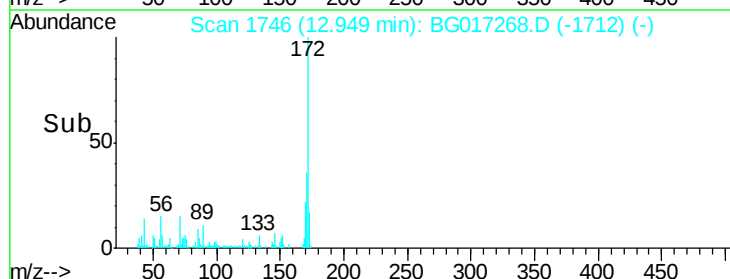
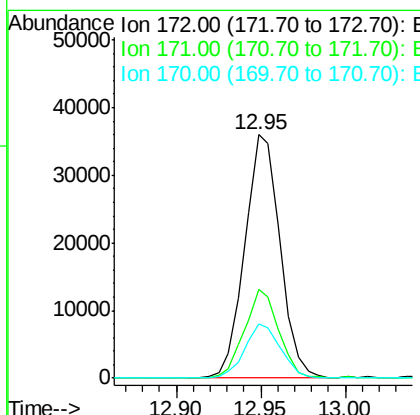
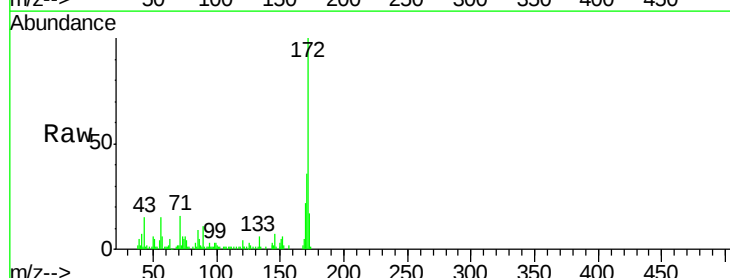
Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-150512

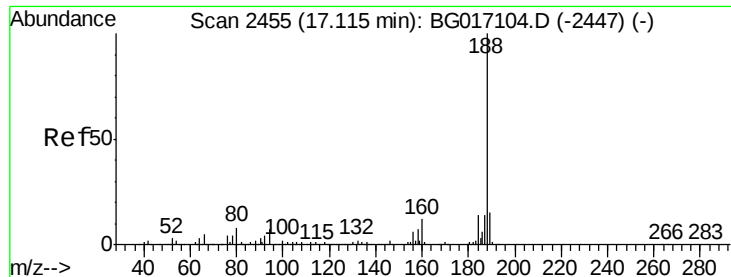
Tgt Ion:330 Resp: 8894
 Ion Ratio Lower Upper
 330 100
 332 100.1 76.9 115.3
 141 51.8 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 6.33 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG017268.D
 Acq: 23 May 2015 6:13

Tgt Ion:172 Resp: 52443
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 22.2 18.4 27.6

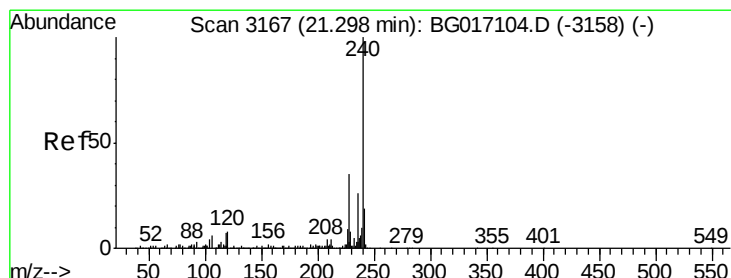
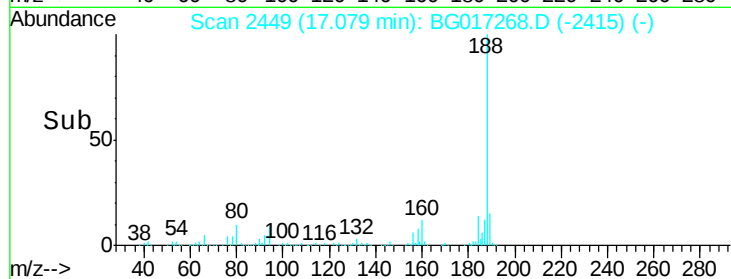
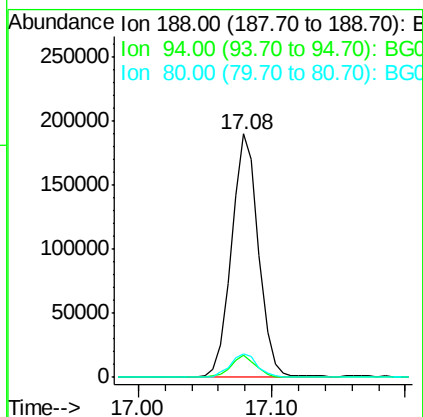
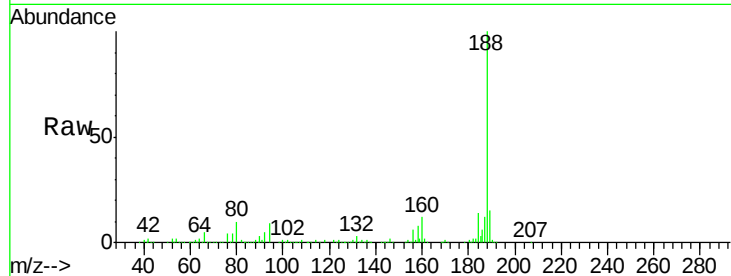




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017268.D
Acq: 23 May 2015 6:13

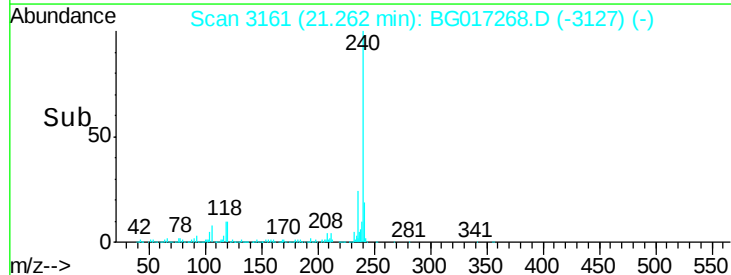
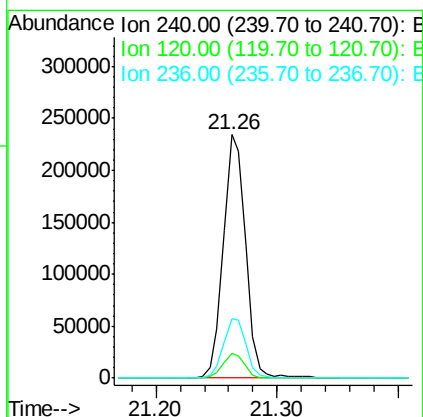
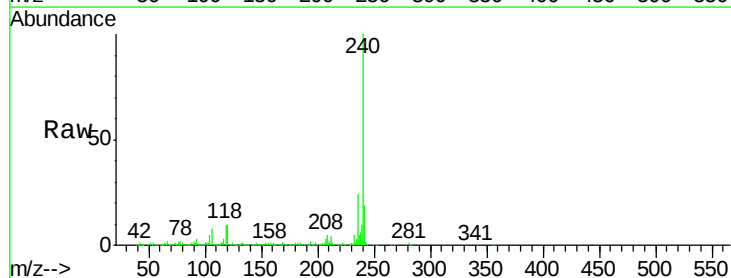
Instrument :
BNA_G
ClientSampleId :
AOC50MW002-150512

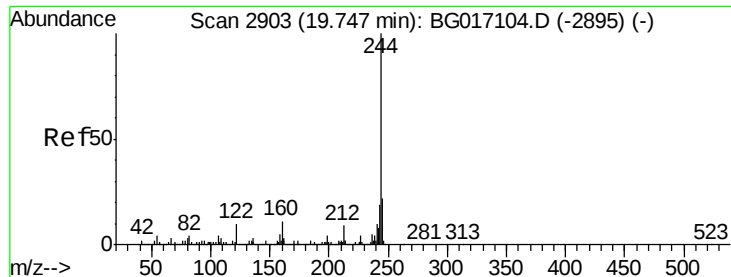
Tgt Ion:188 Resp: 267855
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.6#
80 9.7 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG017268.D
Acq: 23 May 2015 6:13

Tgt Ion:240 Resp: 298059
Ion Ratio Lower Upper
240 100
120 10.2 6.0 9.0#
236 24.1 20.5 30.7





#78

Terphenyl-d14

Concen: 8.52 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017268.D

Acq: 23 May 2015 6:13

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-150512

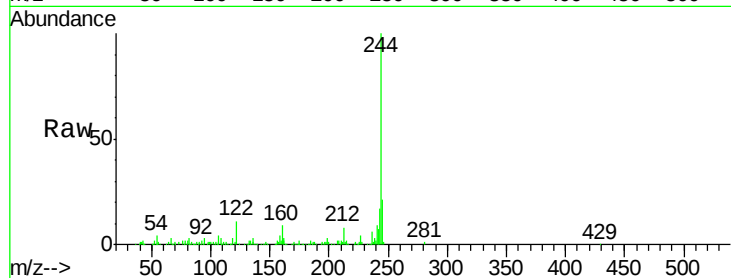
Tgt Ion:244 Resp: 121794

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

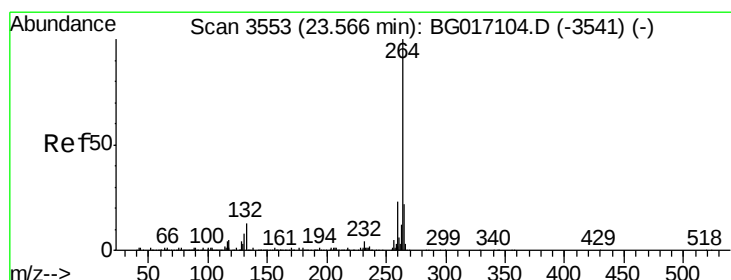
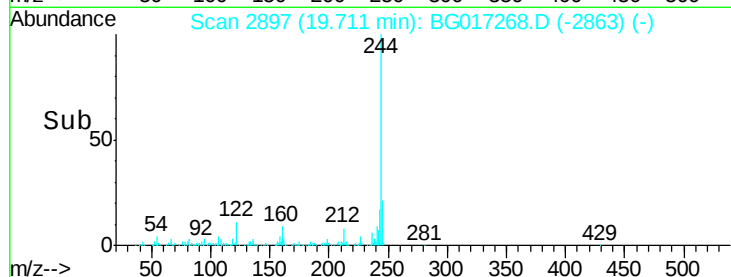
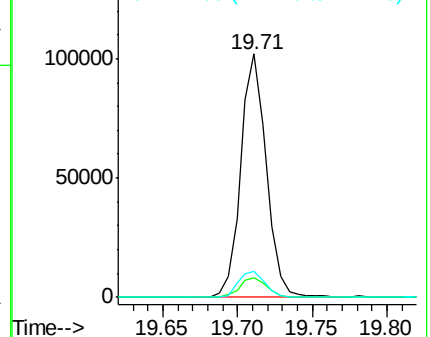
122 10.9 8.4 12.6



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: 23.51 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG017268.D

Acq: 23 May 2015 6:13

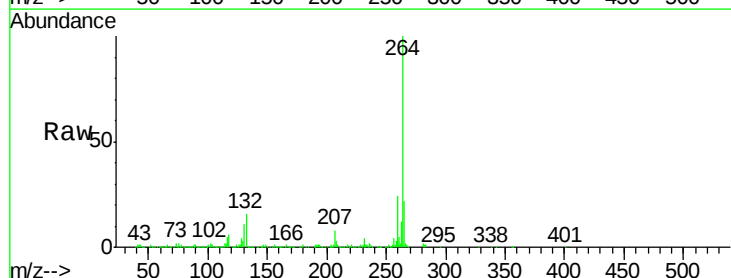
Tgt Ion:264 Resp: 283388

Ion Ratio Lower Upper

264 100

260 23.9 18.0 27.0

265 22.2 17.4 26.0



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

