

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022534.D
 Acq On : 24 Jun 2016 11:01
 Operator : UM/SJ
 Sample : H3665-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-9-COMP

Quant Time: Jun 24 16:26:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 04:19:57 2016
 Response via : Initial Calibration

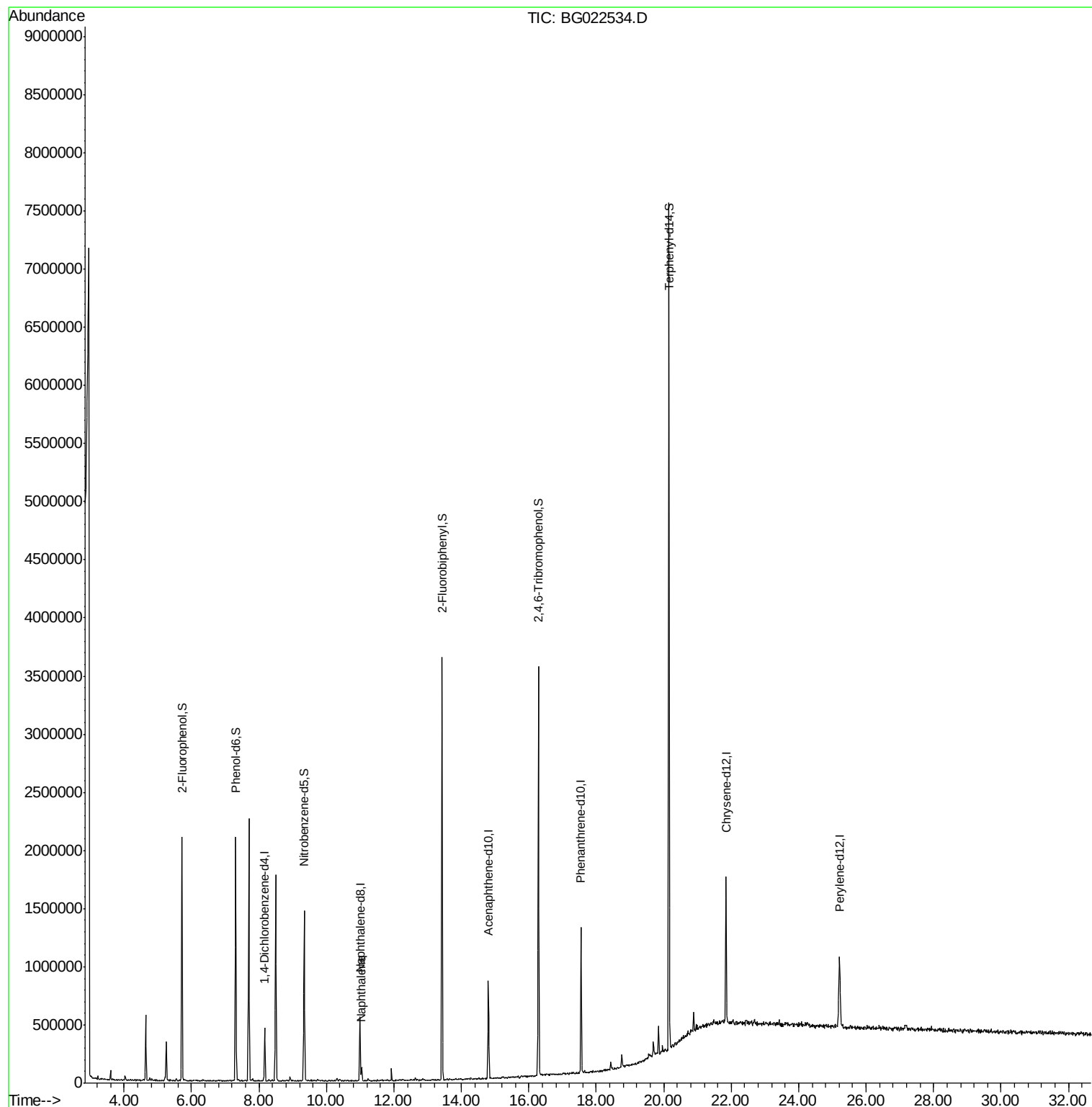
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	108936	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	413647	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	281345	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	711643	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	817546	20.00	ng	-0.02
86) Perylene-d12	25.21	264	663396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	792058	117.74	ng	0.00
7) Phenol-d6	7.31	99	1063485	112.92	ng	0.00
23) Nitrobenzene-d5	9.34	82	893498	92.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	631614	144.66	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1740461	94.42	ng	-0.02
78) Terphenyl-d14	20.15	244	2679414	101.02	ng	-0.01
Target Compounds						
31) Naphthalene	11.05	128	88192	4.32	ng	Qvalue # 96

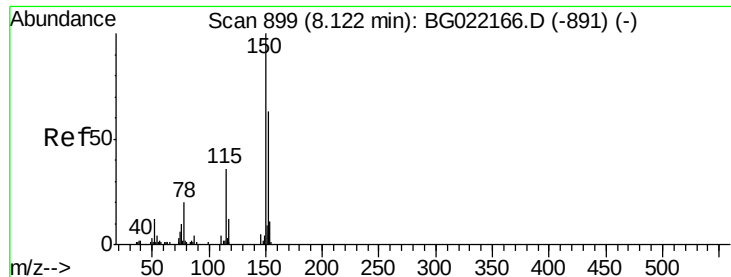
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

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BNA_G

ClientSampleId :

PL-DA-9-COMP

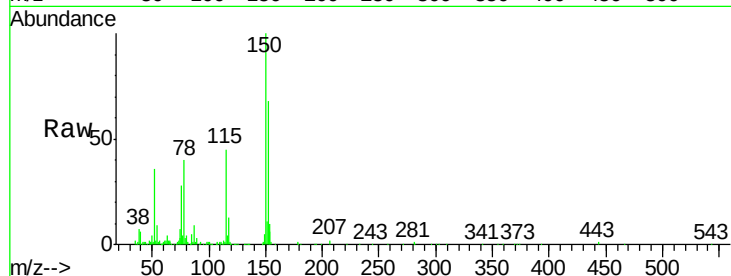
Tot Ion:152 Resp: 108936

Ion Ratio Lower Upper

152 100

150 147.6 144.7 217.1

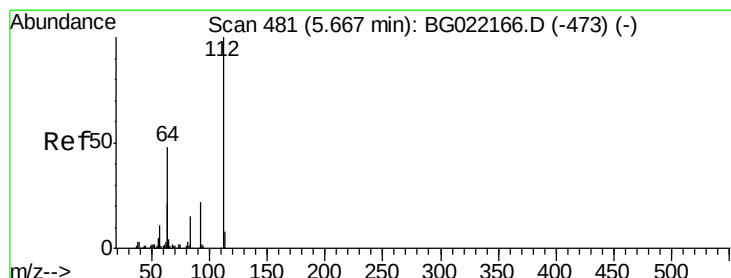
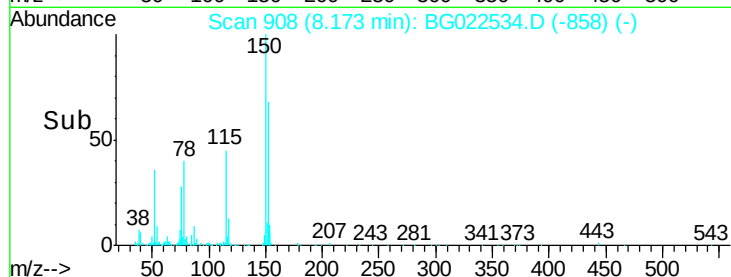
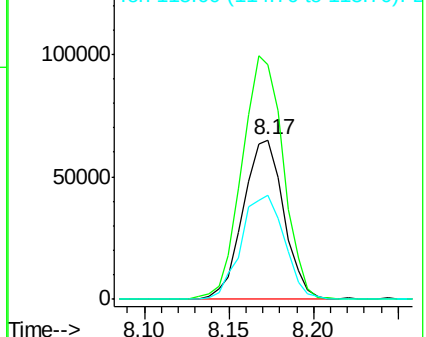
115 65.7 64.0 96.0



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: 117.74 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

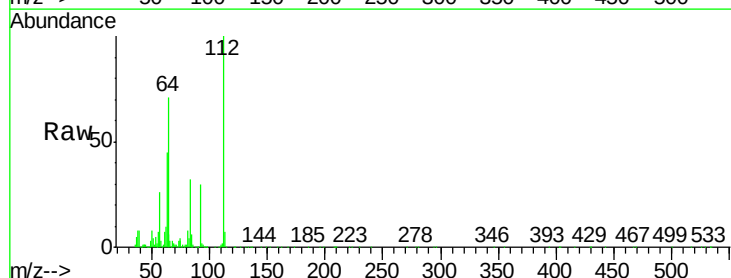
Tgt Ion:112 Resp: 792058

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

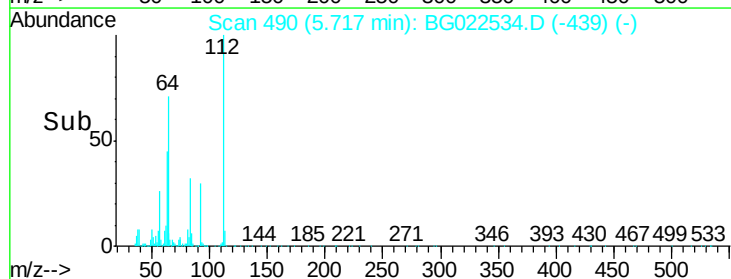
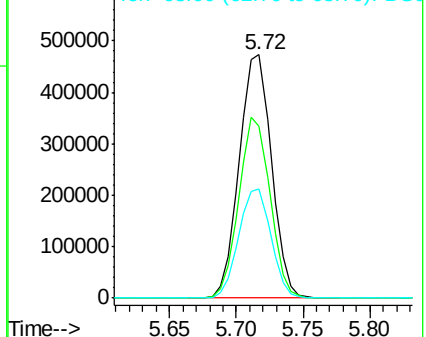
63 44.8 37.8 56.8

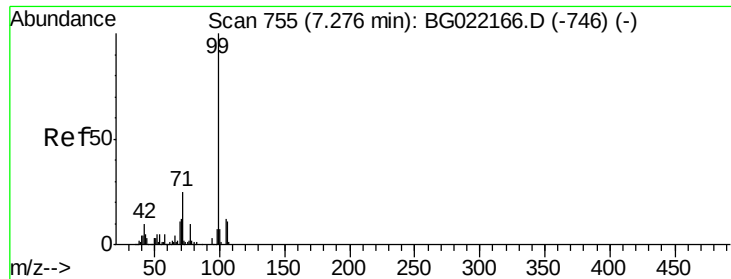


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.92 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

Instrument :

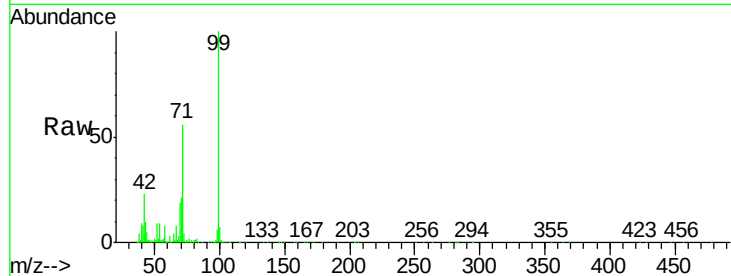
BNA_G

ClientSampleId :

PL-DA-9-COMP

Tot Ion: 99 Resp: 1063485

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.8	26.6
71	56.1	41.5	62.3

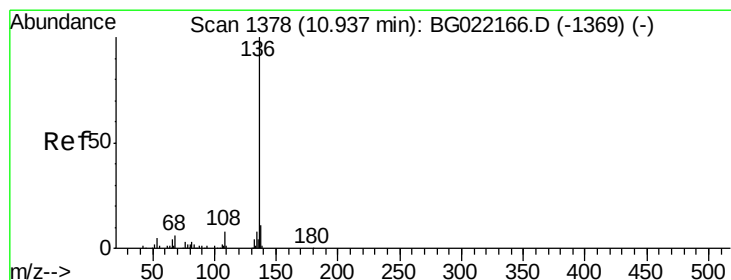
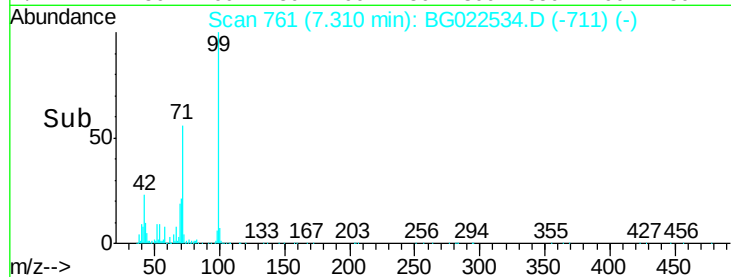
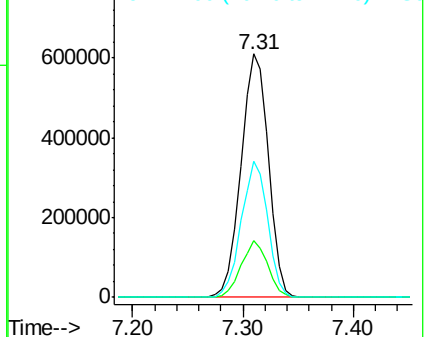


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

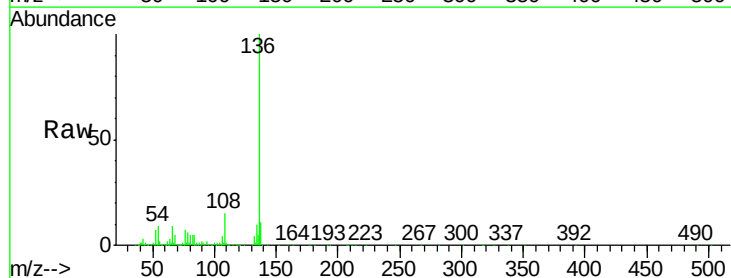
Delta R.T. -0.01 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

Tgt Ion: 136 Resp: 413647

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.8	7.3	10.9
68	5.4	5.3	7.9



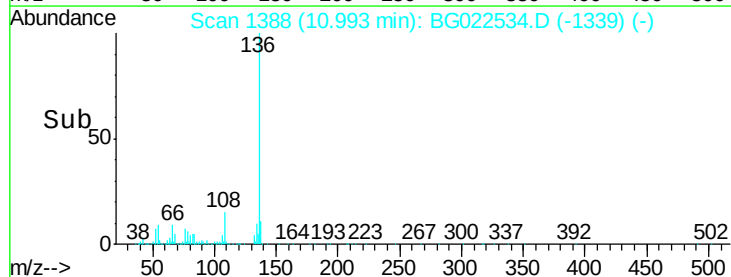
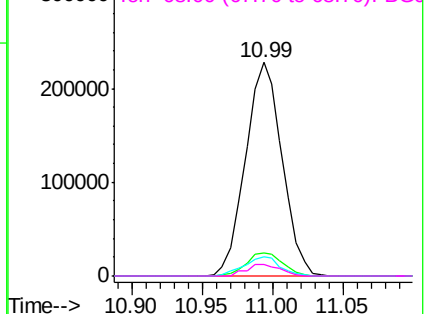
Abundance

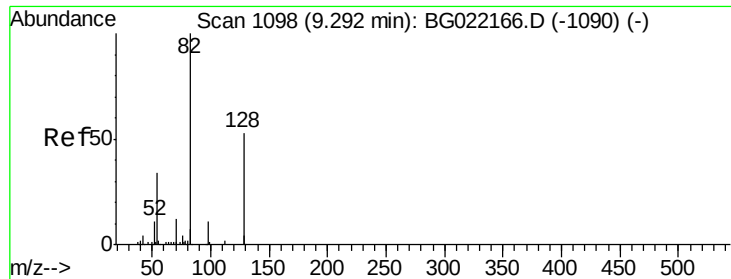
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

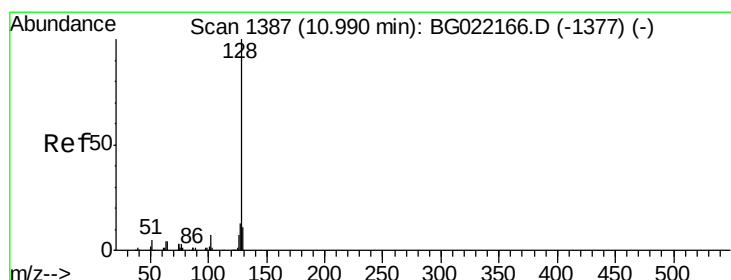
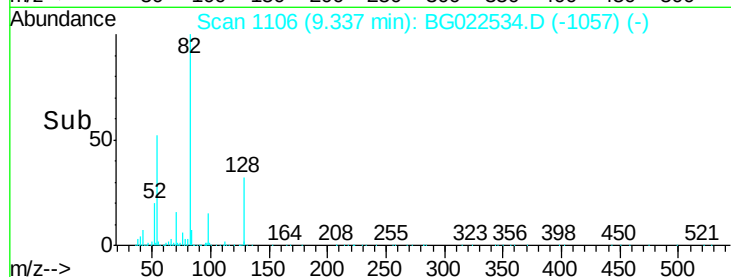
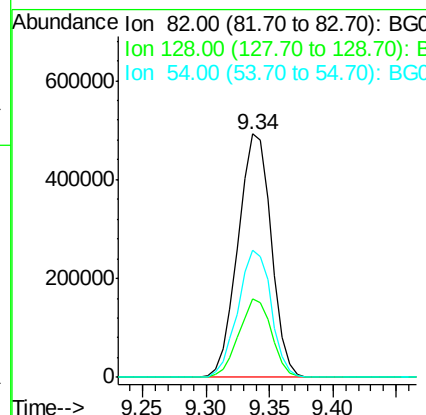
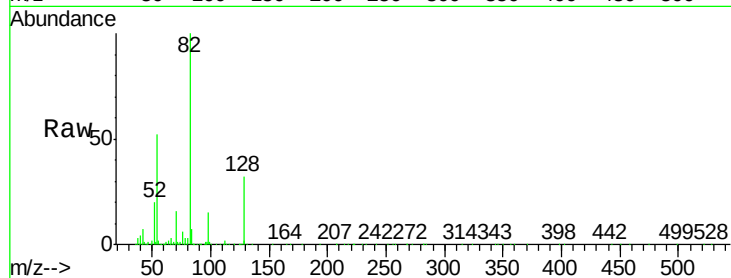




#23
 Nitrobenzene-d5
 Concen: 92.48 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG022534.D
 Acq: 24 Jun 2016 11:01

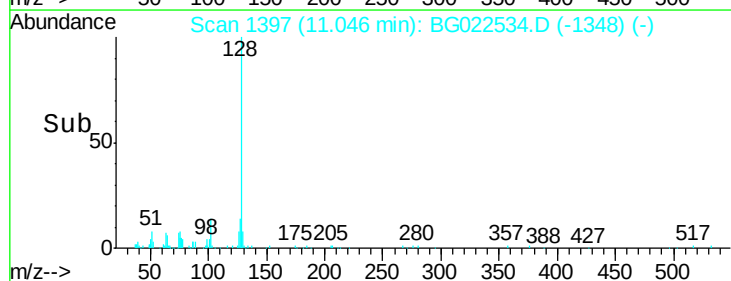
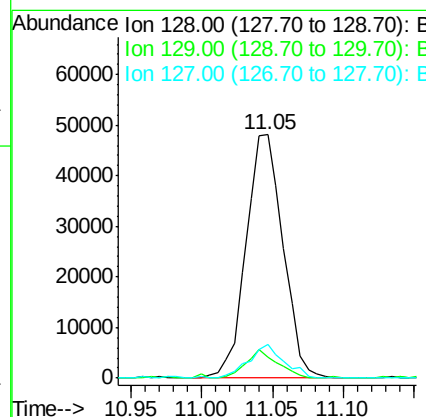
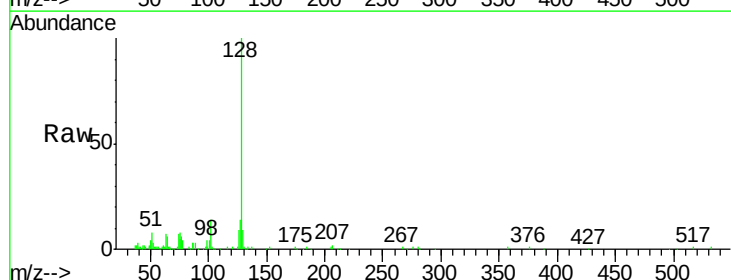
Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-9-COMP

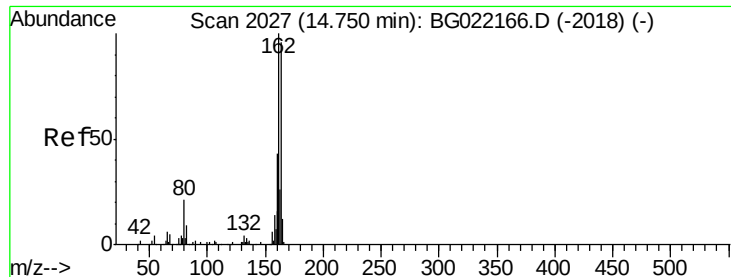
Tot Ion	82	Resp	893498
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	52.0	41.4	62.0



#31
 Naphthalene
 Concen: 4.32 ng
 RT: 11.05 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BG022534.D
 Acq: 24 Jun 2016 11:01

Tgt Ion	128	Resp	88192
Ion Ratio	Lower	Upper	
128	100		
129	8.8	9.4	14.0#
127	13.9	11.3	16.9

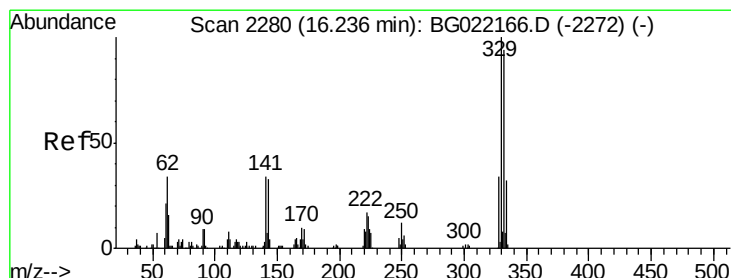
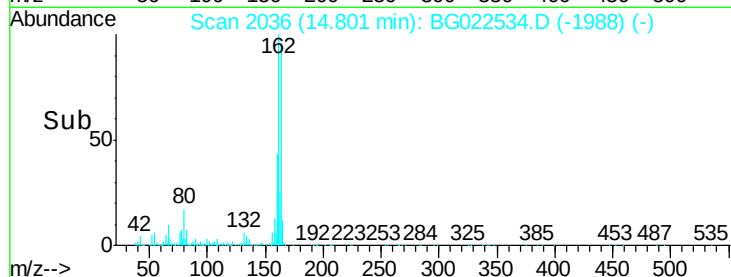
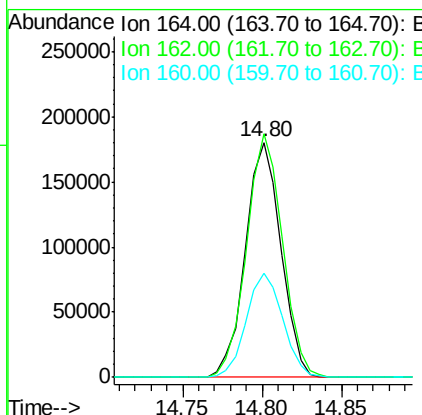
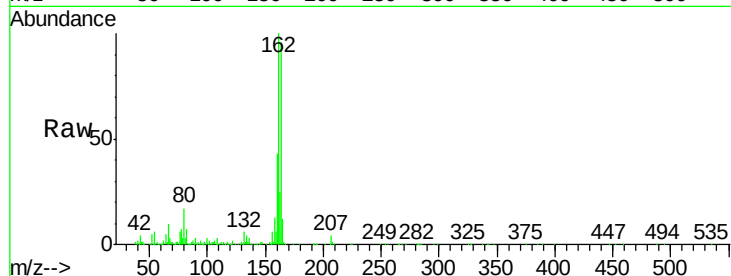




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

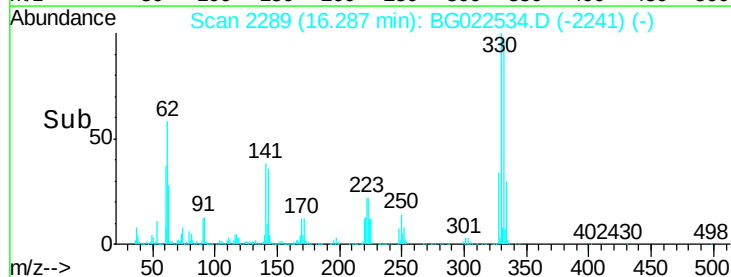
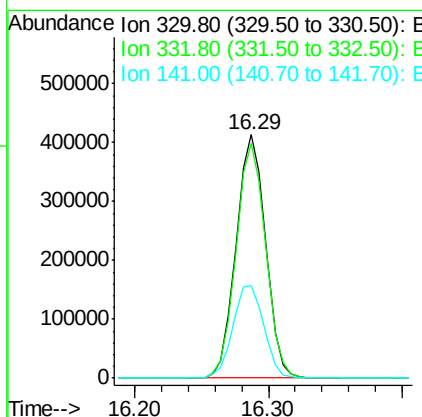
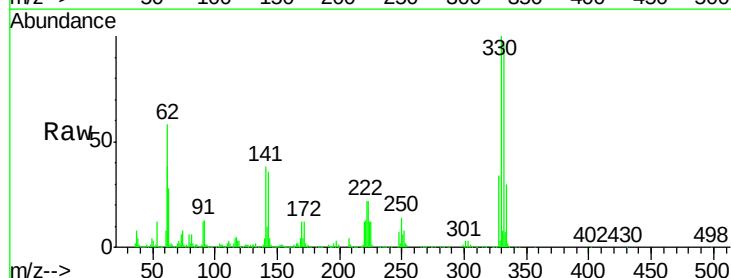
Instrument :
BNA_G
ClientSampleId :
PL-DA-9-COMP

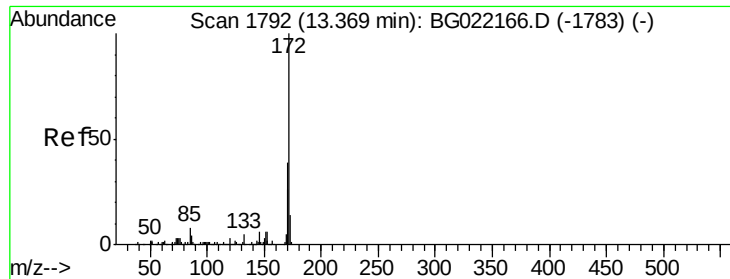
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	87.7	131.5
160	44.5	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 144.66 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.3	31.7	47.5

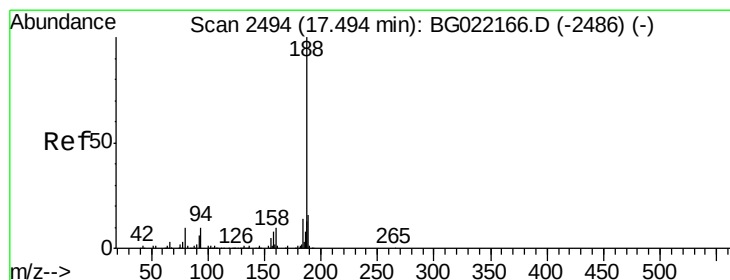
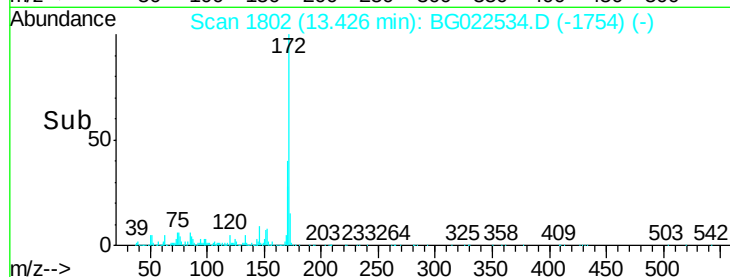
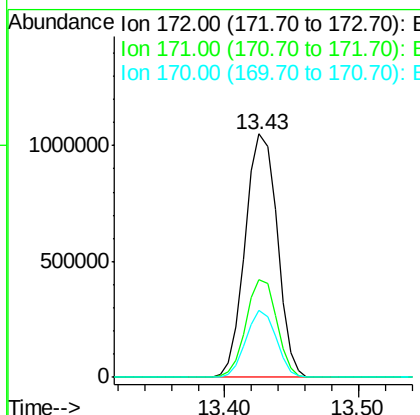
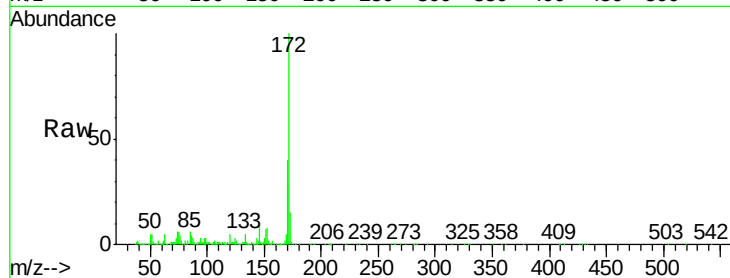




#44
2-Fluorobiphenyl
Concen: 94.42 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

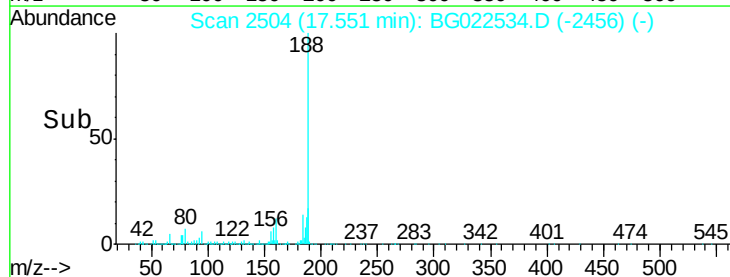
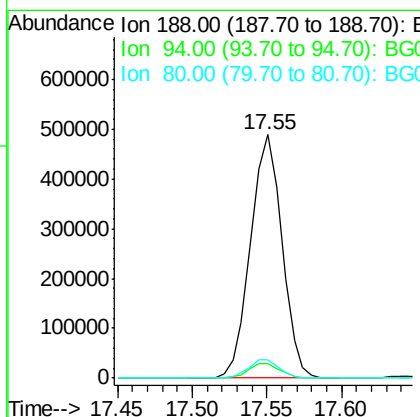
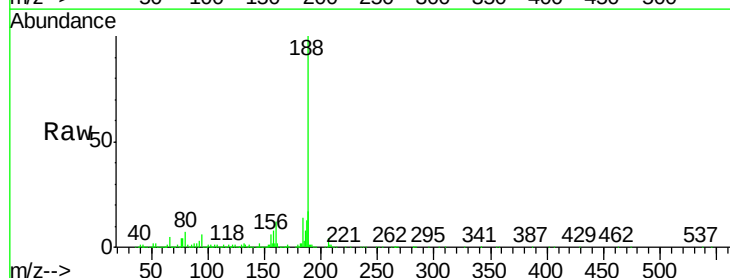
Instrument :
BNA_G
ClientSampled :
PL-DA-9-COMP

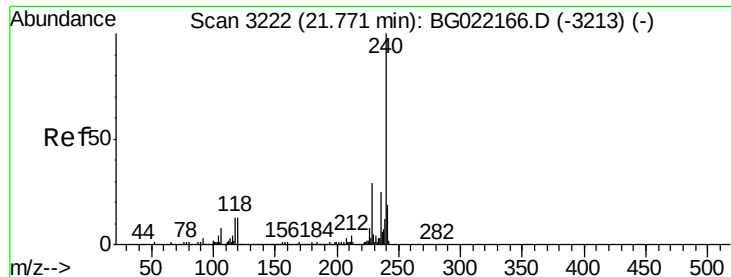
Tot Ion:172 Resp: 1740461
Ion Ratio Lower Upper
172 100
171 40.2 31.6 47.4
170 27.6 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Tgt Ion:188 Resp: 711643
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 7.4 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

Instrument :

BNA_G

ClientSampleId :

PL-DA-9-COMP

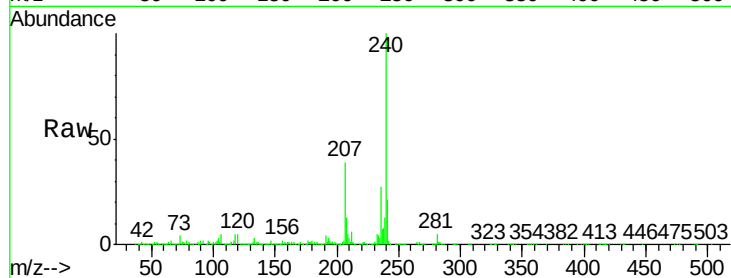
Tot Ion:240 Resp: 817546

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

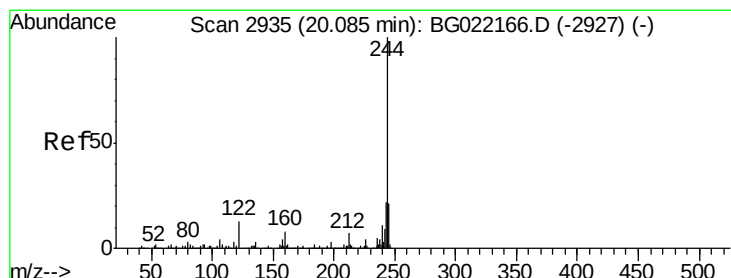
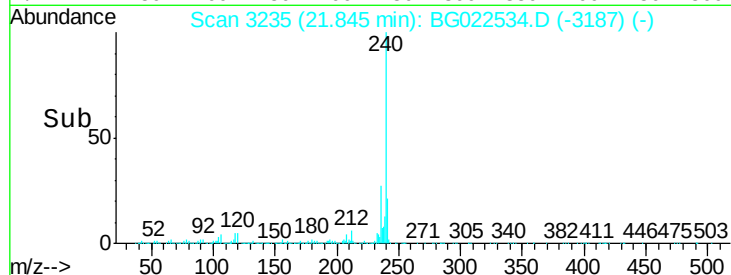
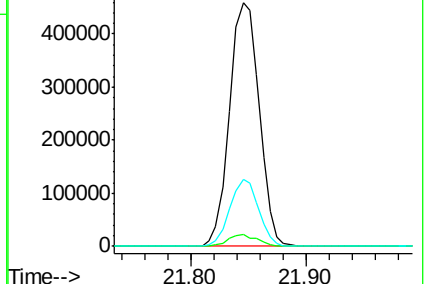
236 27.3 21.1 31.7



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: 101.02 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

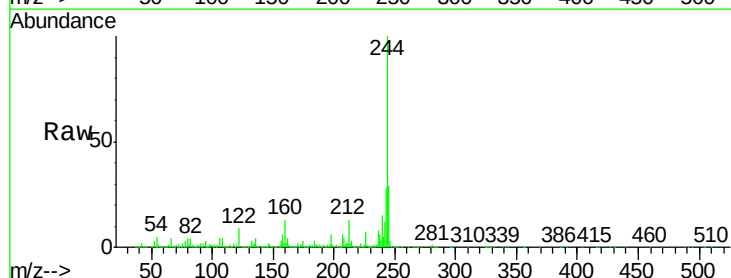
Tgt Ion:244 Resp: 2679414

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

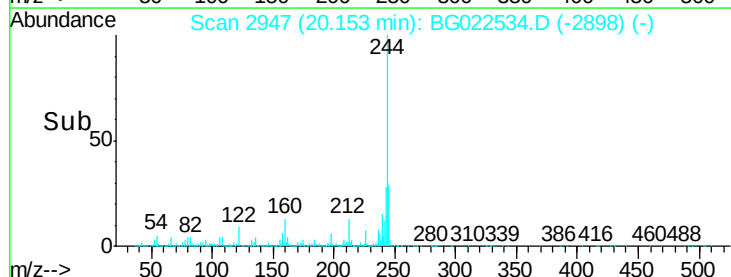
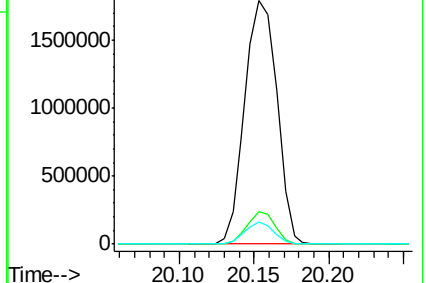
122 9.0 8.0 12.0

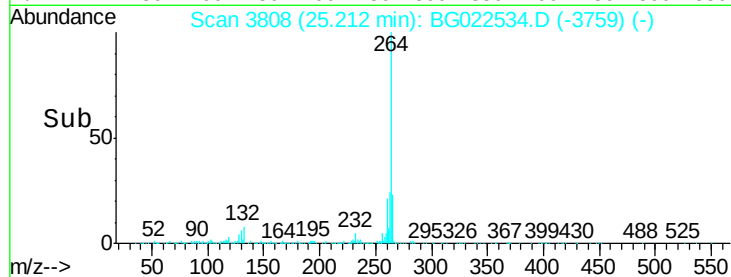
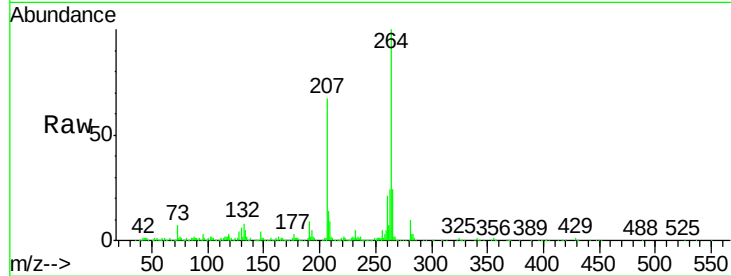
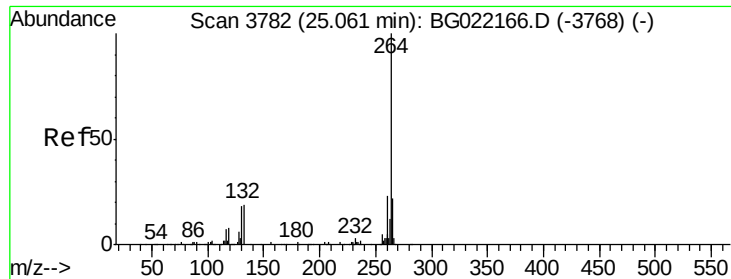


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.01 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Instrument :
BNA_G
ClientSampleId :
PL-DA-9-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.4	27.6
265	23.9	18.9	28.3

