

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 :

Quant Time: Jun 24 15:38:58 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

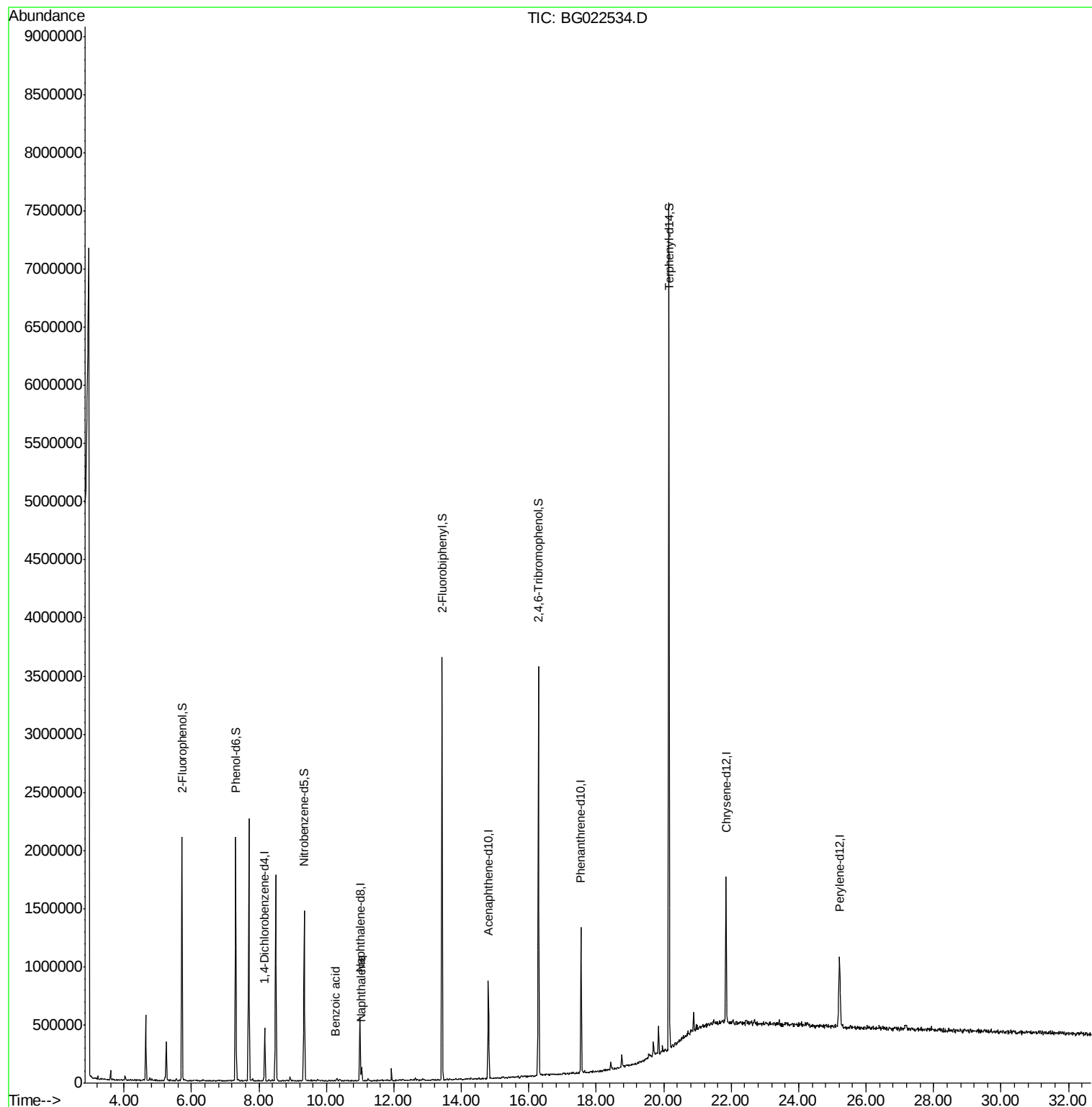
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	108936	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	413647	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	281345	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	711643	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	817546	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	# 96
32) Benzoic acid	10.27	122	89	3.89	ng	# 43
53) 2,4-Dinitrophenol	14.91	184	135	Below Cal	#	54
64) 4,6-Dinitro-2-methylphenol	15.91	198	74	Below Cal	#	33
73) Di-n-butylphthalate	18.51	149	4436	Below Cal	#	92
74) Fluoranthene	19.60	202	946	Below Cal	#	51

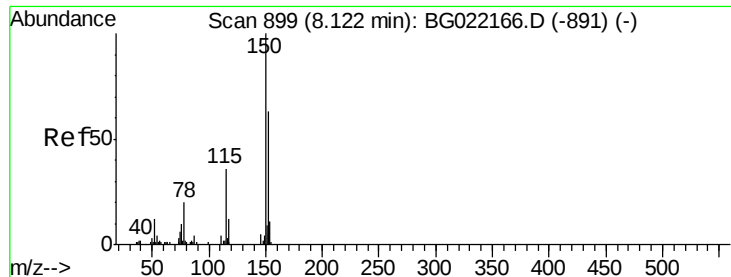
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Jun 24 15:38:58 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



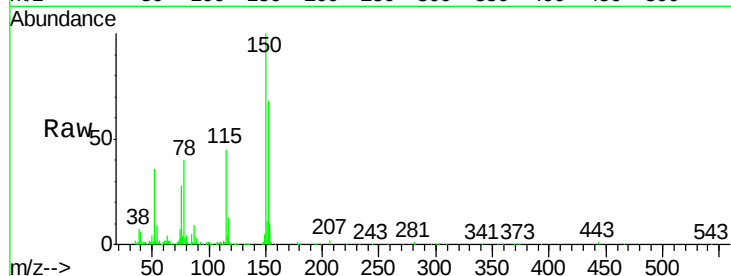


#1

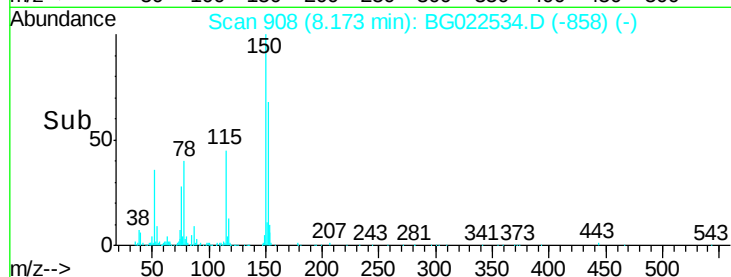
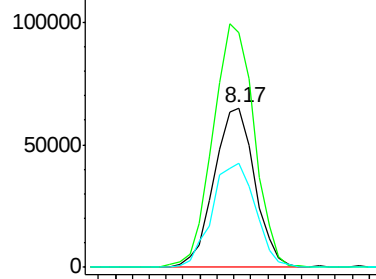
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Instrument :
BNA_G
ClientSampleId :

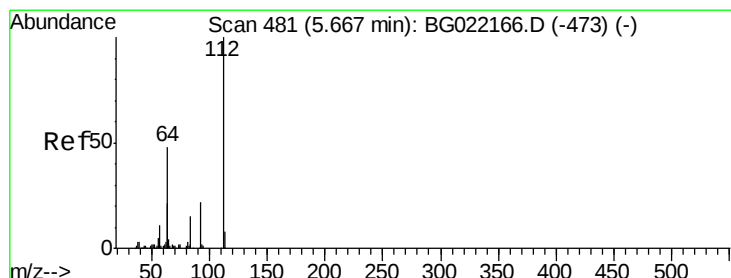
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	65.7	64.0	96.0



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



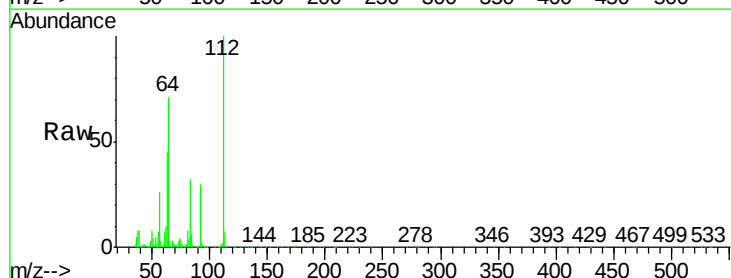
Time-->



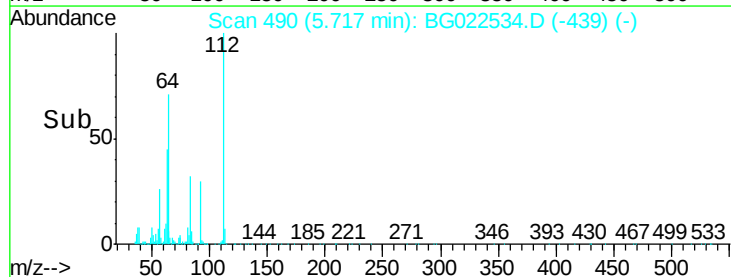
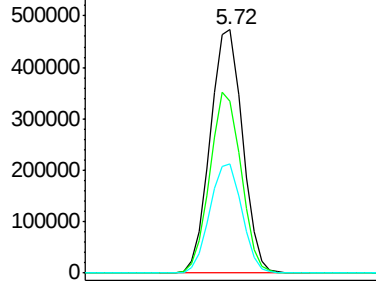
#5

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

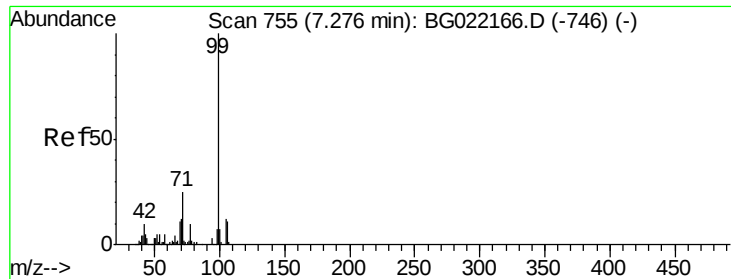
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	44.8	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->



#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 :

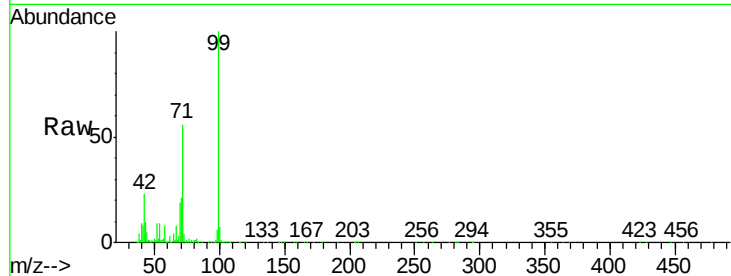
Tot Ion: 99 Resp: 1063485

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

99 100

42 23.5 17.8 26.6

71 56.1 41.5 62.3

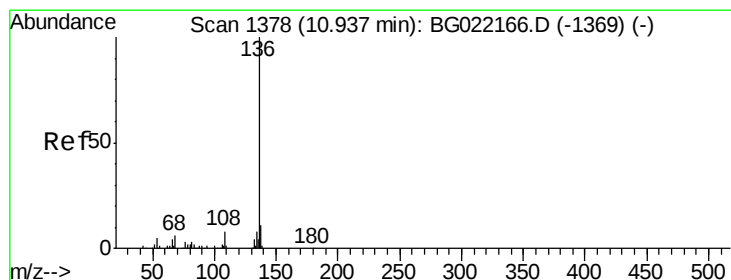
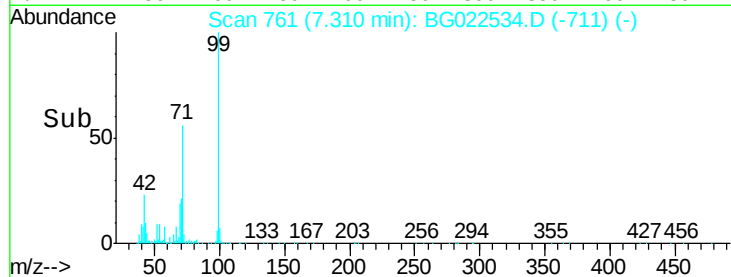
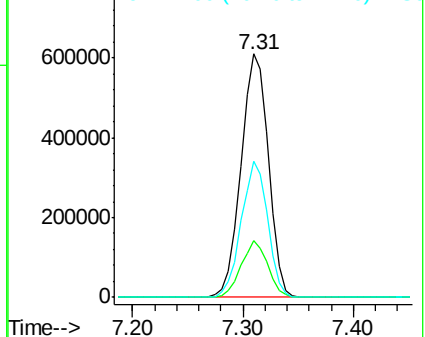


Abundance

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

136 100

137 10.8 9.6 14.4

54 8.8 7.3 10.9

68 5.4 5.3 7.9

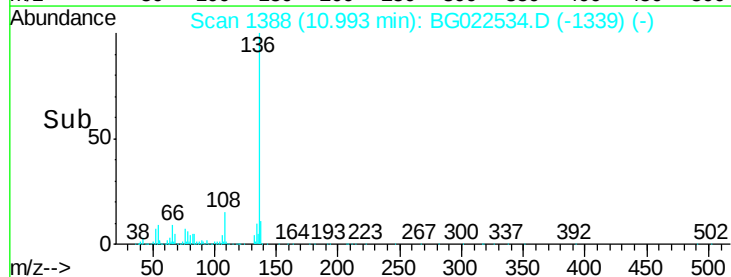
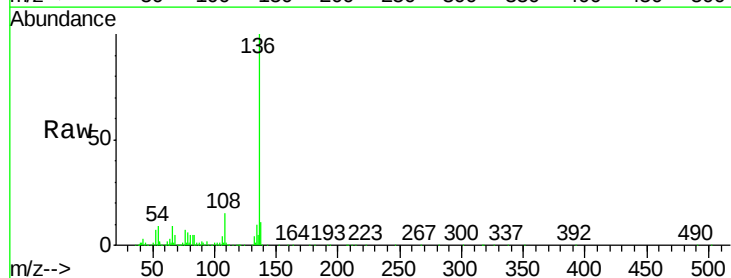
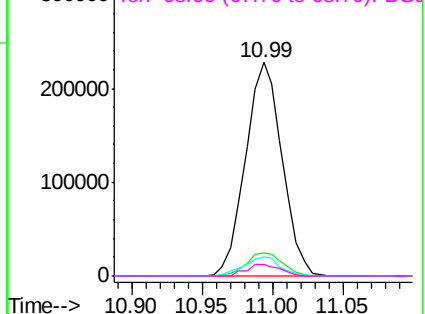
Abundance

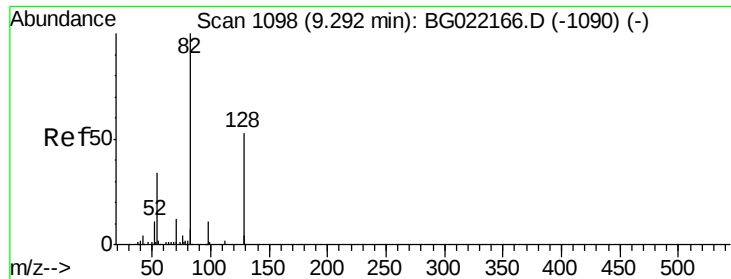
Ion 136.00 (135.70 to 136.70): BGC

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 :

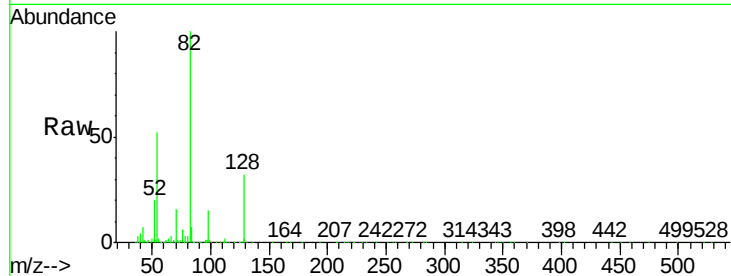
Tot Ion: 82 Resp: 893498

Ion Ratio Lower Upper

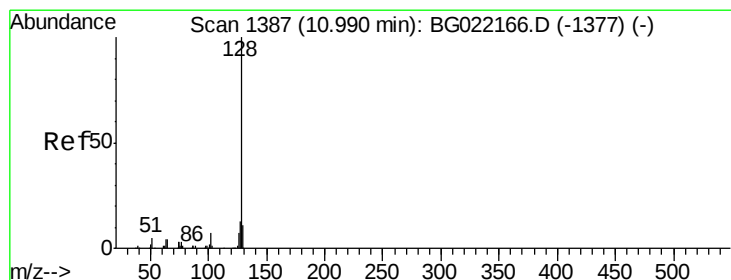
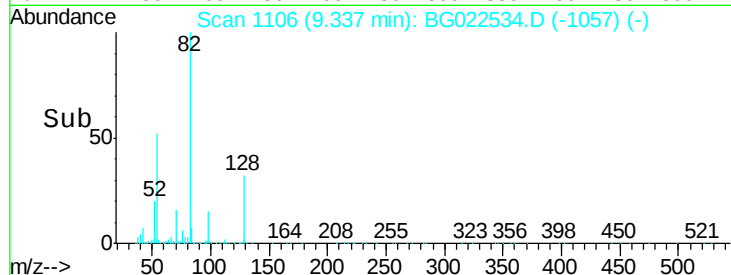
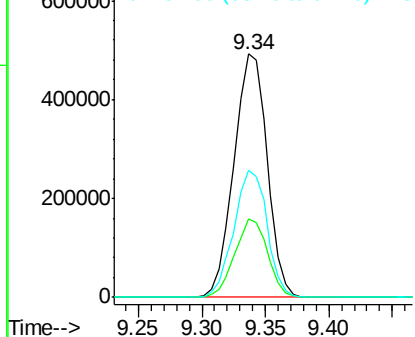
82 100

128 32.4 24.4 36.6

54 52.0 41.4 62.0



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



#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

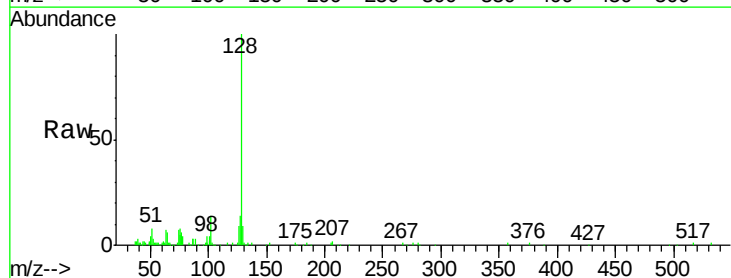
Tgt Ion: 128 Resp: 88192

Ion Ratio Lower Upper

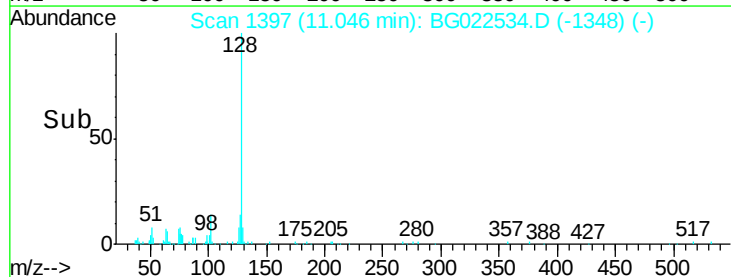
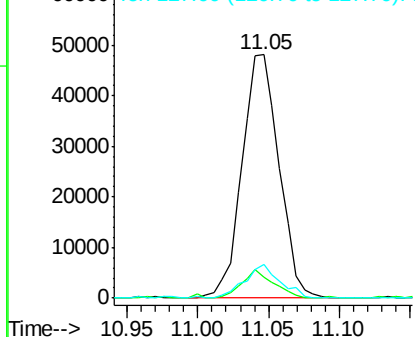
128 100

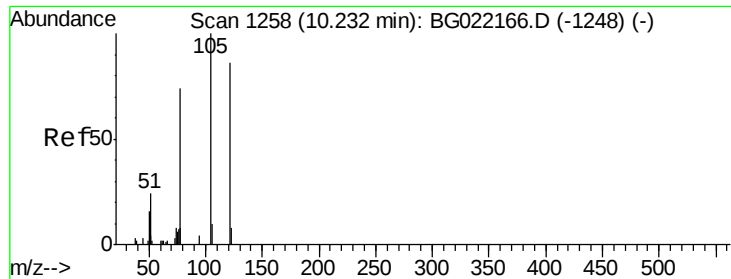
129 8.8 9.4 14.0#

127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

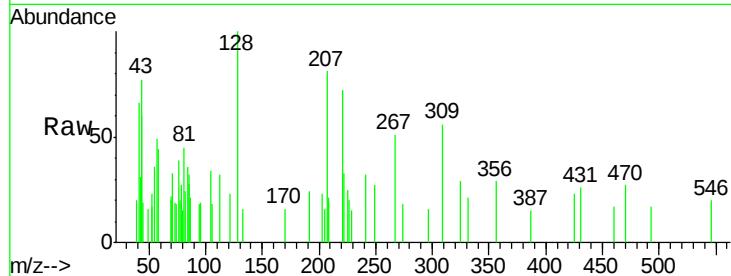




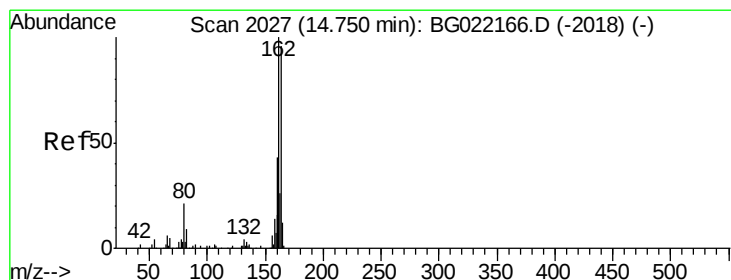
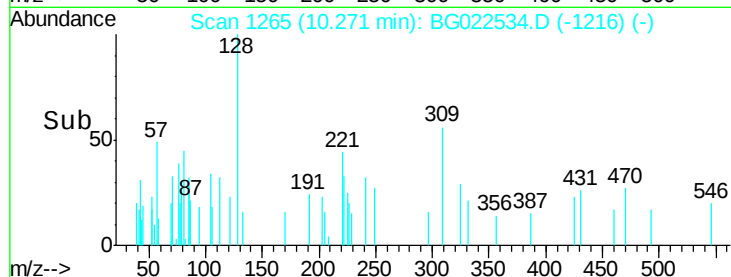
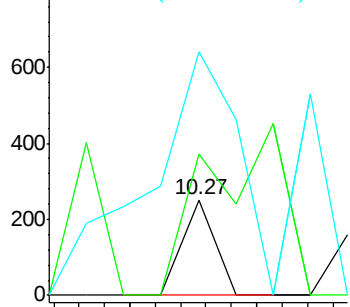
#32
Benzoic acid
Concen: 3.89 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 147.2 117.2 157.2
77 254.4 109.2 149.2#

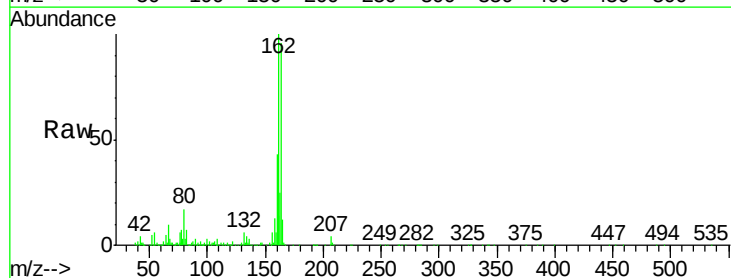


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

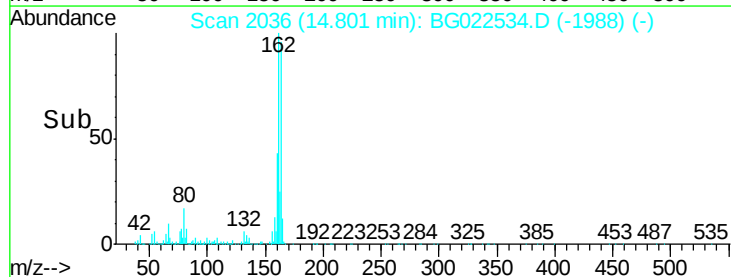
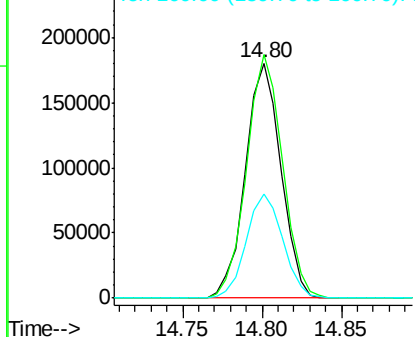


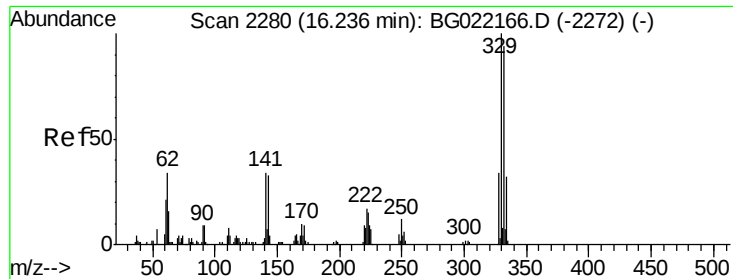
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG022534.D
Acq: 24 Jun 2016 11:01

Tgt Ion:164 Resp: 281345
Ion Ratio Lower Upper
164 100
162 103.8 87.7 131.5
160 44.5 37.2 55.8



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

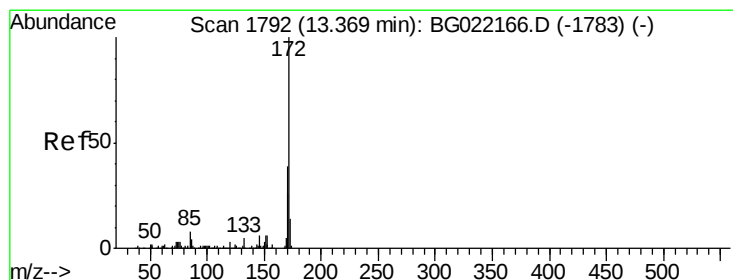
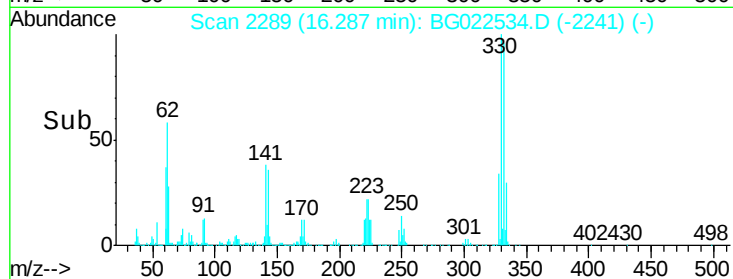
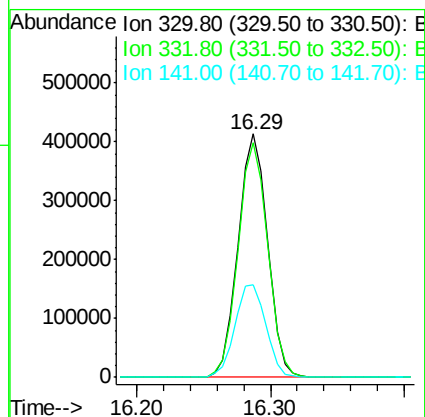
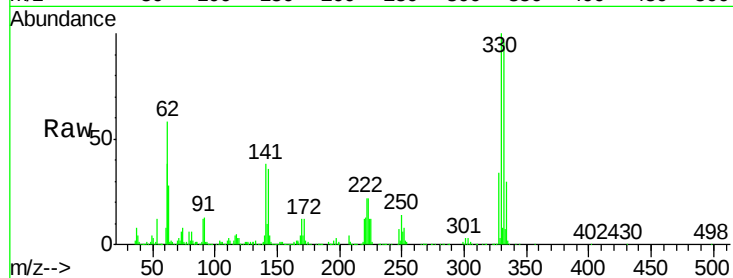




#41
 2,4,6-Tribromophenol
 Concen: 144.66 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG022534.D
 Acq: 24 Jun 2016 11:01

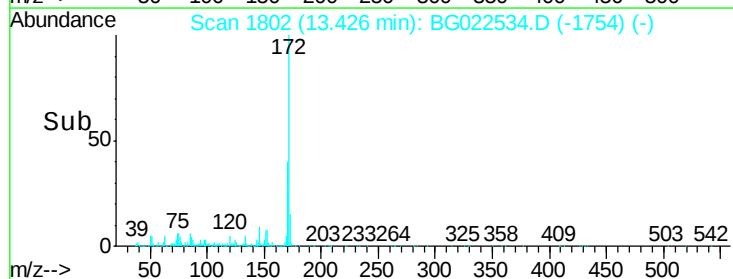
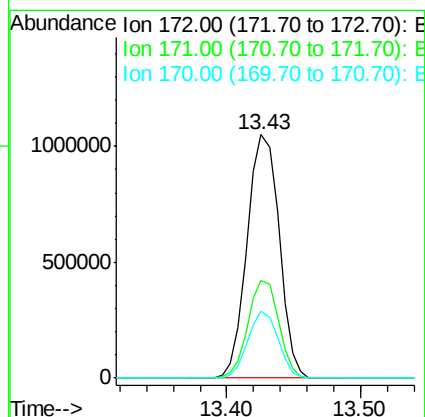
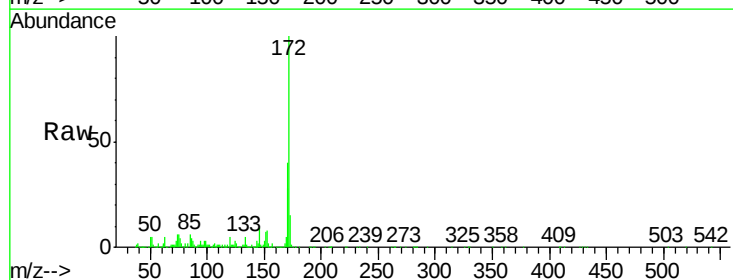
Instrument :
 BNA_G
 ClientSampleId :

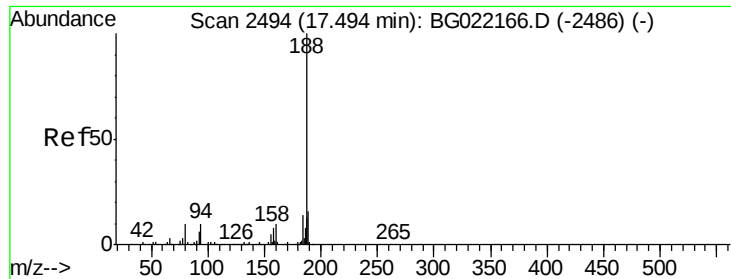
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.3	31.7	47.5



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

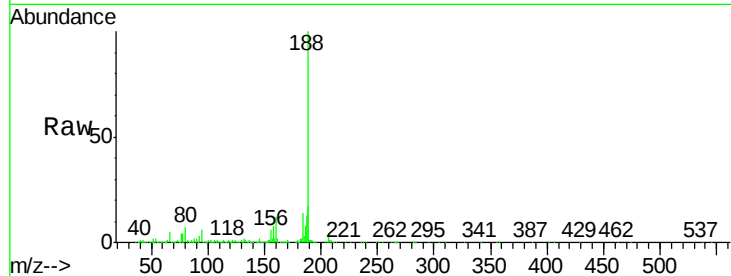
Tot Ion:188 Resp: 711643

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

80 7.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.55

400000

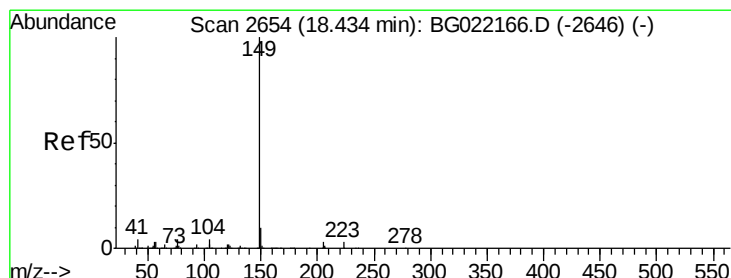
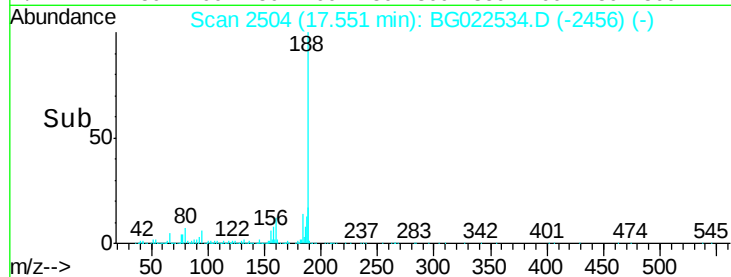
300000

200000

100000

0

Time--> 17.45 17.50 17.55 17.60



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.51 min Scan# 2667

Delta R.T. -0.02 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

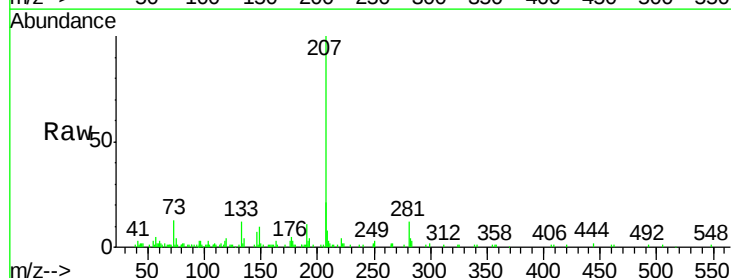
Tgt Ion:149 Resp: 4436

Ion Ratio Lower Upper

149 100

150 15.6 9.1 13.7#

104 7.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.51

4000

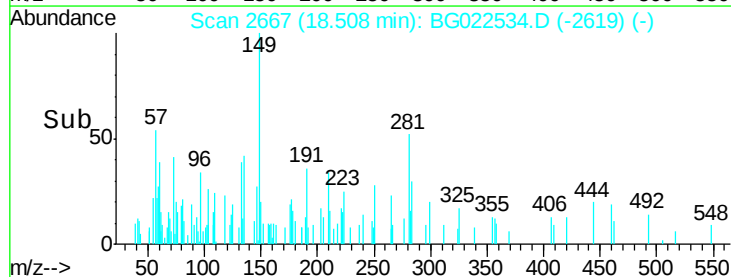
3000

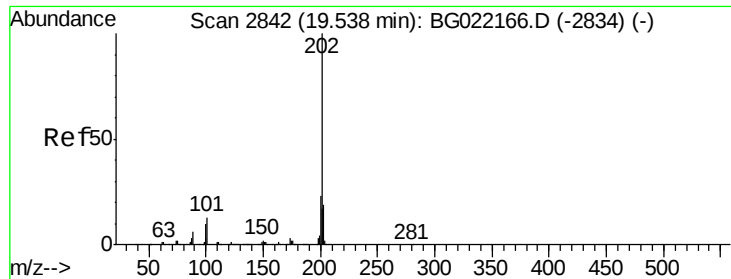
2000

1000

0

Time--> 18.50 18.55





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG022534.D

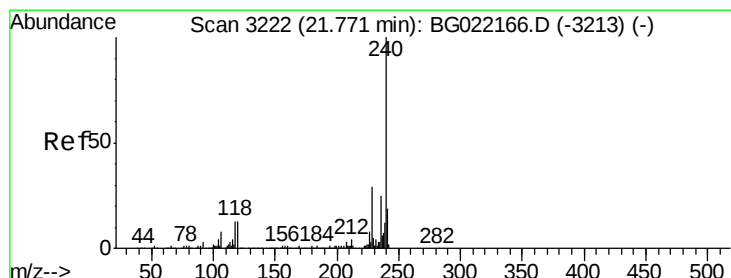
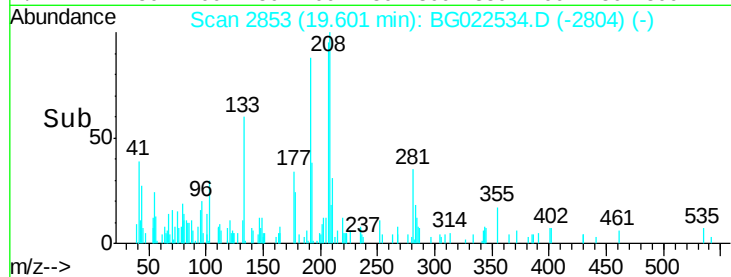
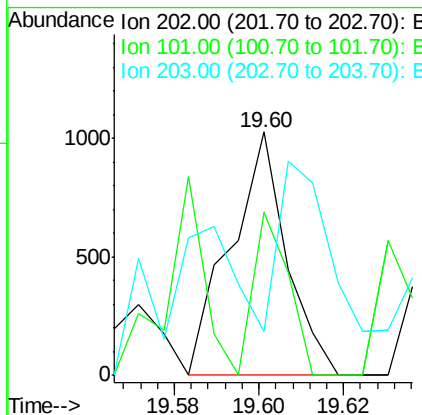
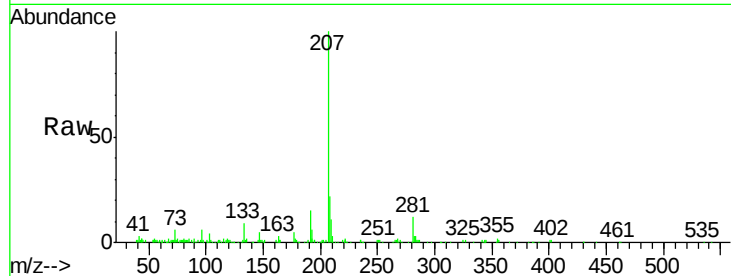
Acq: 24 Jun 2016 11:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	946
Ion	Ratio	Lower	Upper
202	100		
101	66.7	0.0	27.4#
203	17.8	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

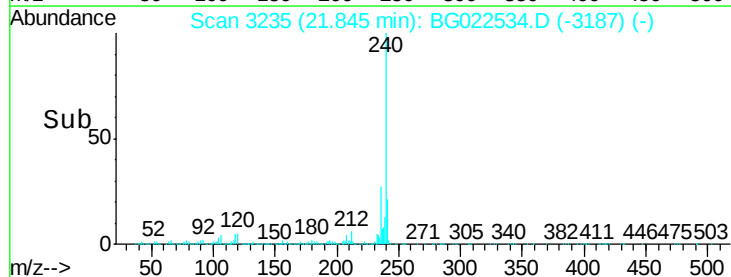
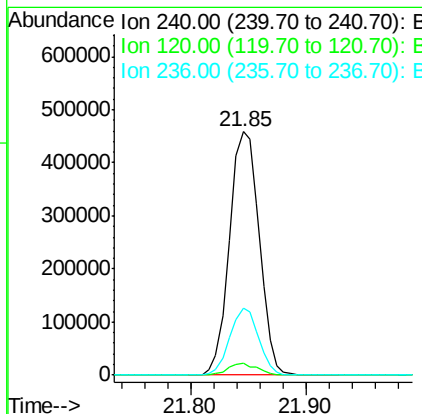
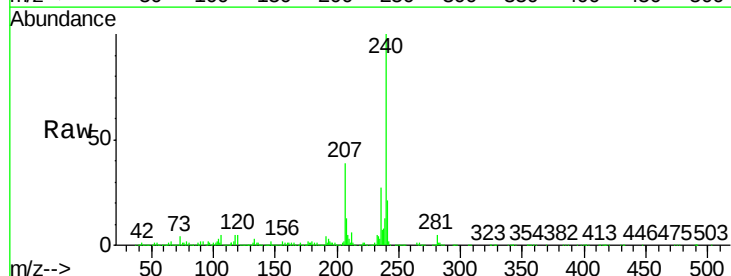
RT: 21.85 min Scan# 3235

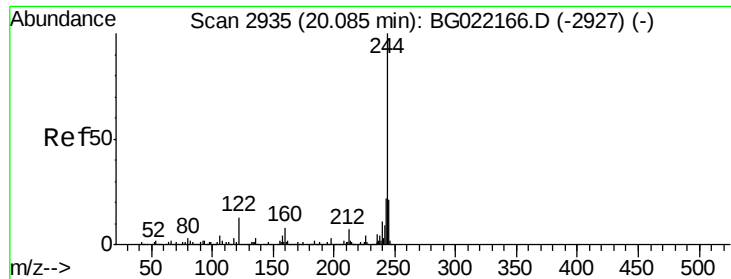
Delta R.T. -0.02 min

Lab File: BG022534.D

Acq: 24 Jun 2016 11:01

Tgt Ion:	240	Resp:	817546
Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.1	6.1
236	27.3	21.1	31.7





#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

Instrument :

BNA_G

ClientSampleId :

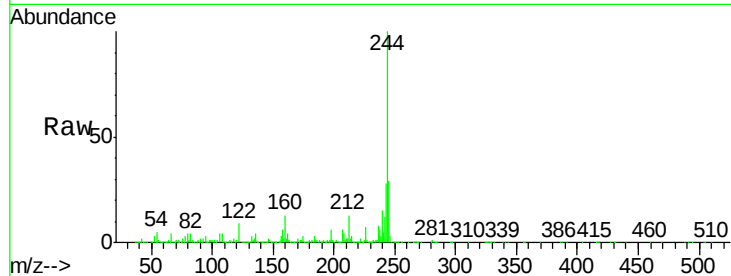
Tot Ion:244 Resp: 2679414

Ion	Ratio	Lower	Upper
244	100		
212	13.4	10.8	16.2
122	9.0	8.0	12.0

244 100

212 13.4 10.8 16.2

122 9.0 8.0 12.0

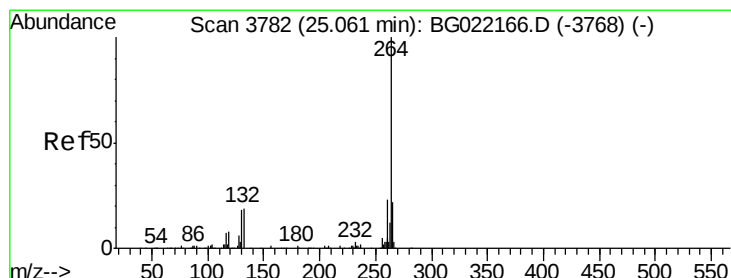
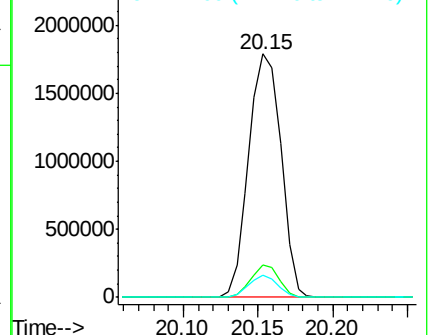
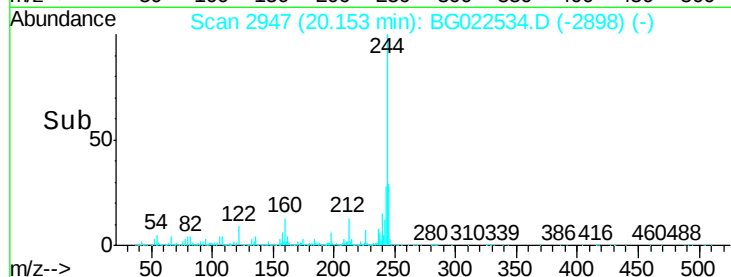


Abundance

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

Perylene-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

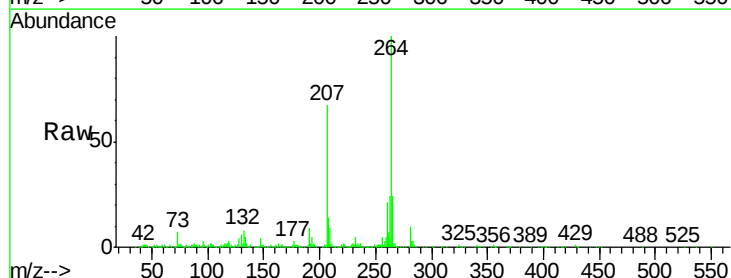
Tgt Ion:264 Resp: 663396

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

264 100

260 21.3 18.4 27.6

265 23.9 18.9 28.3



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

