

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
 Data File : BG022322.D
 Acq On : 13 Jun 2016 12:59
 Operator : UM/SJ
 Sample : H3448-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:58:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

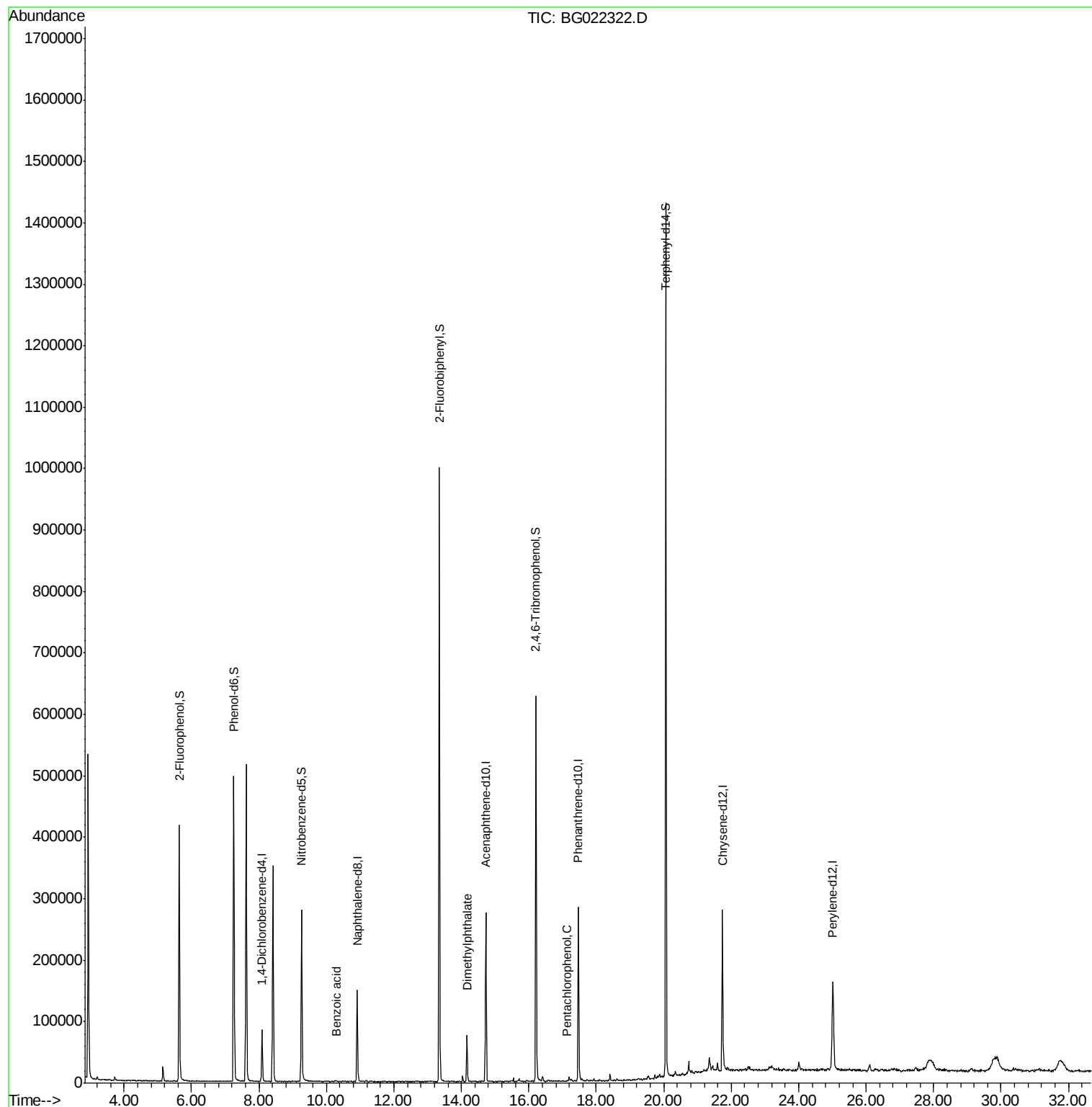
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29644	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	164377	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	100997	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	196387	20.00	ng	0.00
75) Chrysene-d12	21.74	240	168869	20.00	ng	0.00
86) Perylene-d12	25.01	264	155365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	267078	174.20	ng	0.00
7) Phenol-d6	7.25	99	419086	173.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	224904	95.39	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	133710	117.16	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	593456	89.55	ng	0.00
78) Terphenyl-d14	20.06	244	678326	95.36	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	55	7.34	ng	Qvalue # 1
49) Dimethylphthalate	14.17	163	65396	7.81	ng	98
69) Pentachlorophenol	17.14	266	674	7.41	ng	# 16

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
Data File : BG022322.D
Acq On : 13 Jun 2016 12:59
Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:58:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

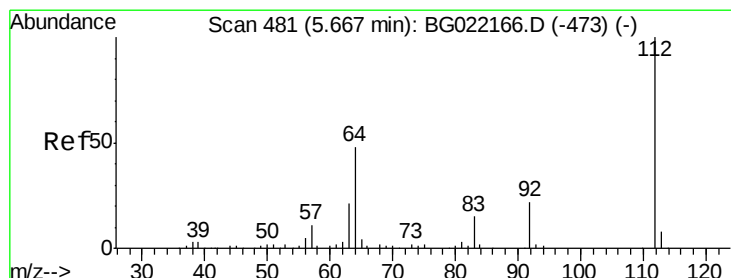
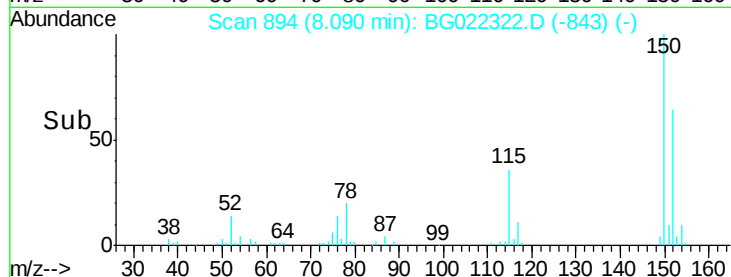
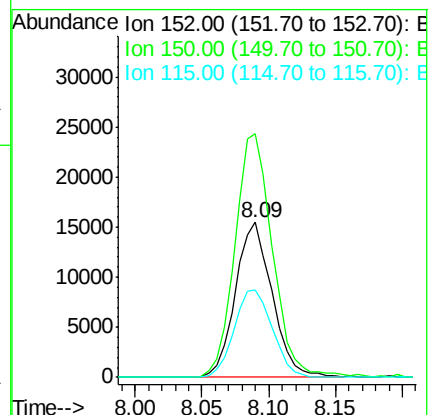
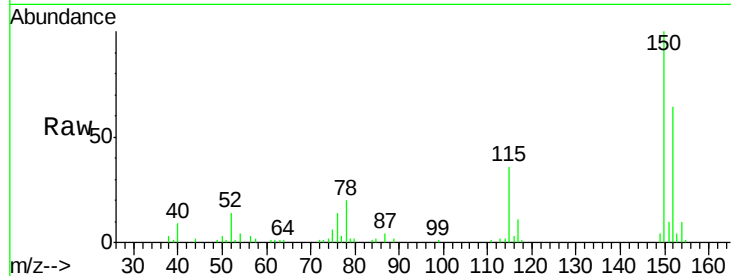
Tgt Ion:152 Resp: 29644

Ion Ratio Lower Upper

152 100

150 157.4 130.1 195.1

115 56.4 62.2 93.2#



#5

2-Fluorophenol

Concen: 174.20 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

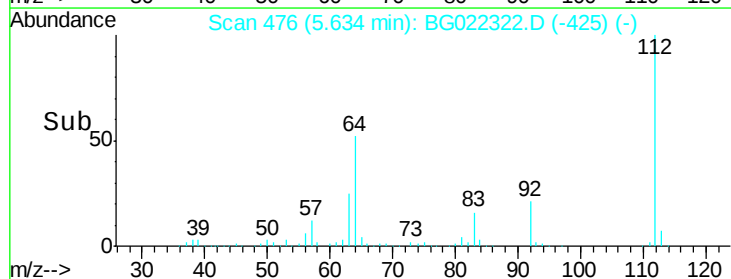
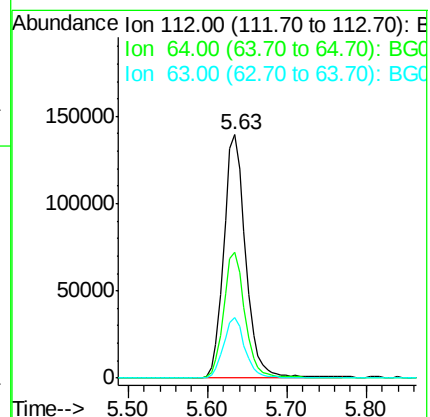
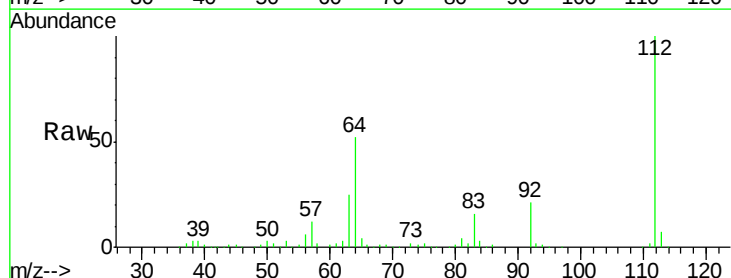
Tgt Ion:112 Resp: 267078

Ion Ratio Lower Upper

112 100

64 51.7 51.1 76.7

63 24.9 24.6 37.0





#7

Phenol-d6

Concen: 173.85 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

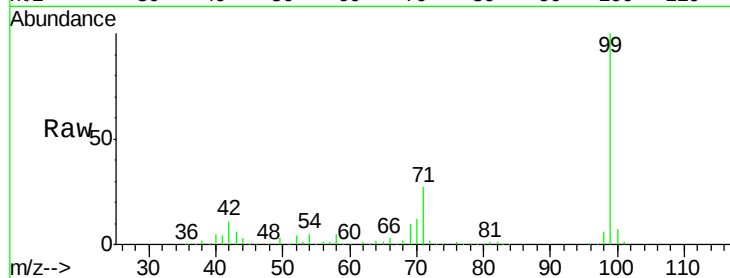
Tgt Ion: 99 Resp: 419086

Ion Ratio Lower Upper

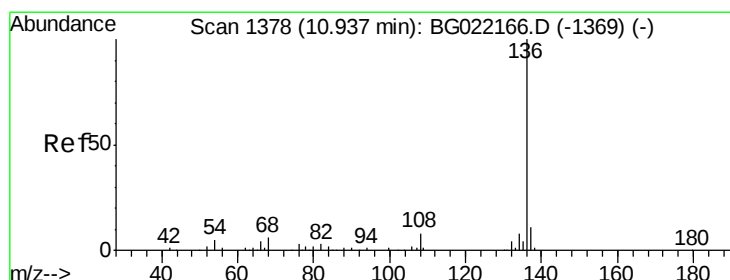
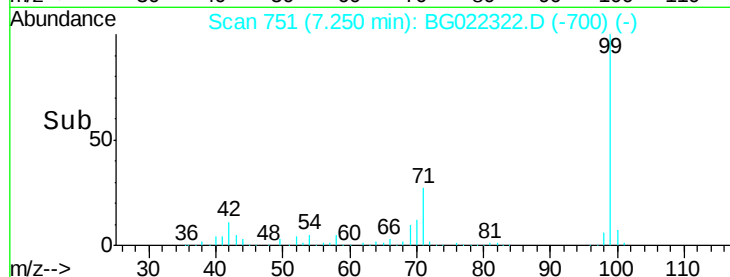
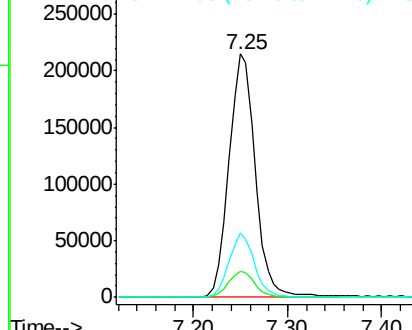
99 100

42 10.7 16.4 24.6#

71 26.7 25.0 37.4



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: 10.91 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Tgt Ion: 136 Resp: 164377

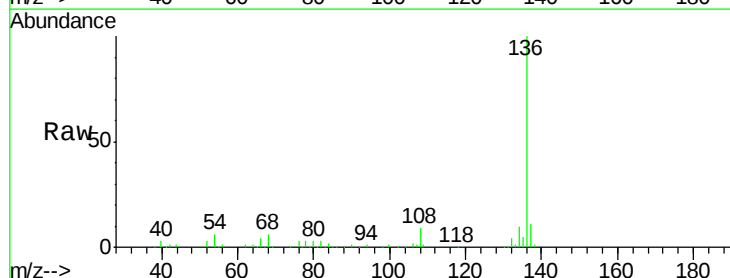
Ion Ratio Lower Upper

136 100

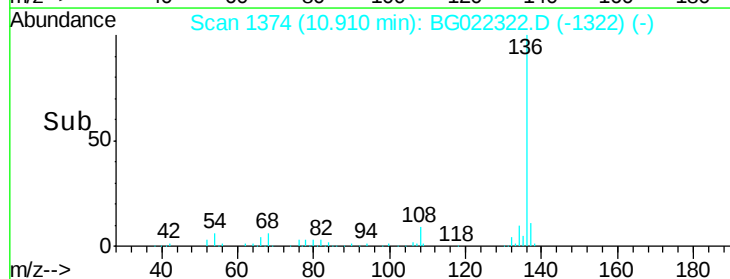
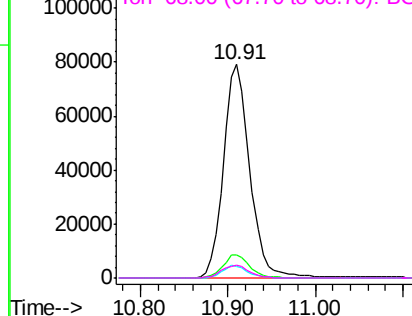
137 10.8 9.0 13.4

54 5.6 9.6 14.4#

68 5.8 6.4 9.6#



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

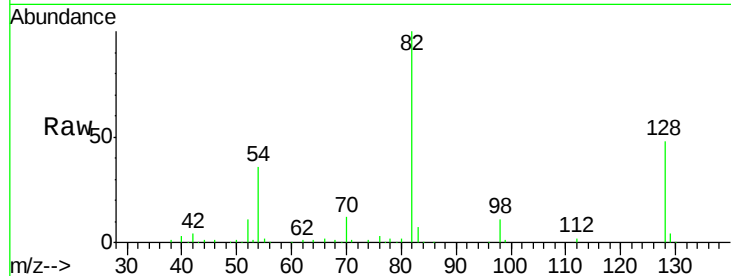




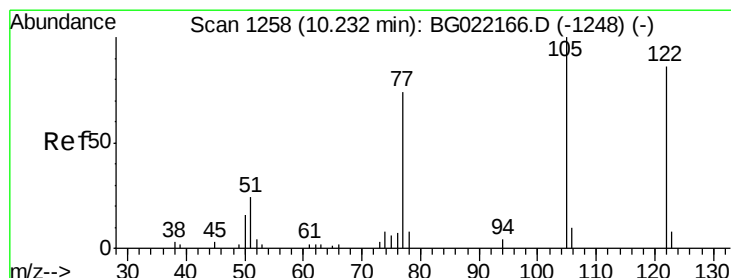
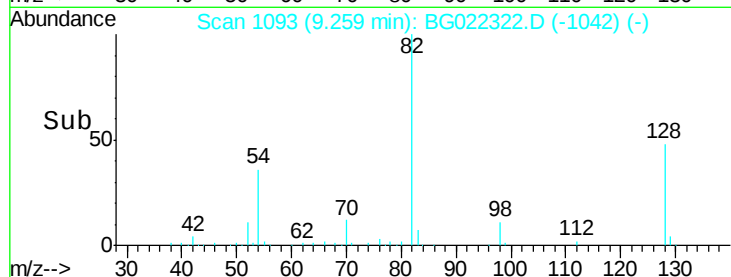
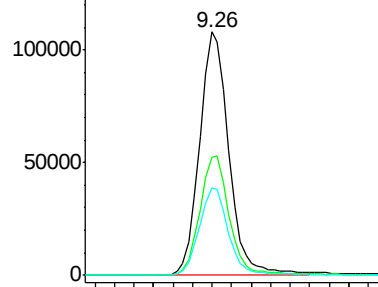
#23
 Nitrobenzene-d5
 Concen: 95.39 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	33.4	50.0
54	36.1	46.1	69.1#

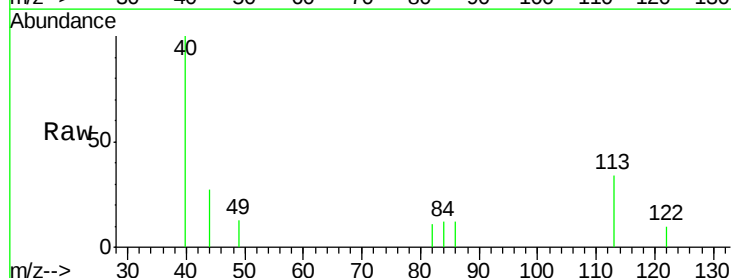


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

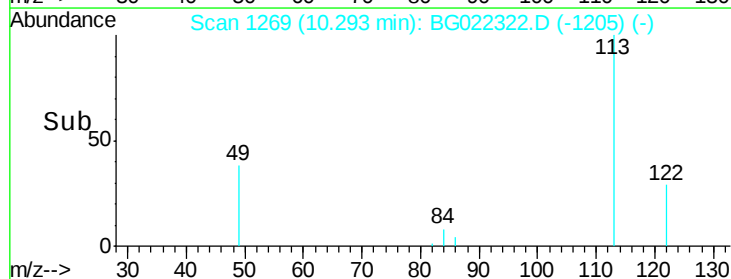
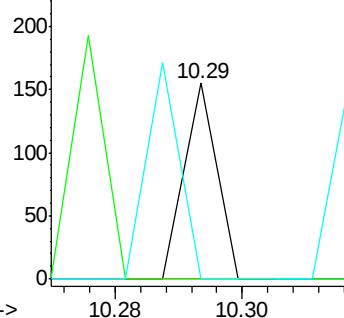


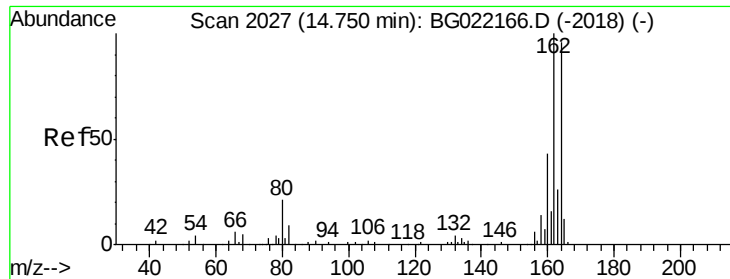
#32
 Benzoic acid
 Concen: 7.34 ng
 RT: 10.29 min Scan# 1269
 Delta R.T. 0.08 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.5	144.5#
77	0.0	79.9	119.9#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

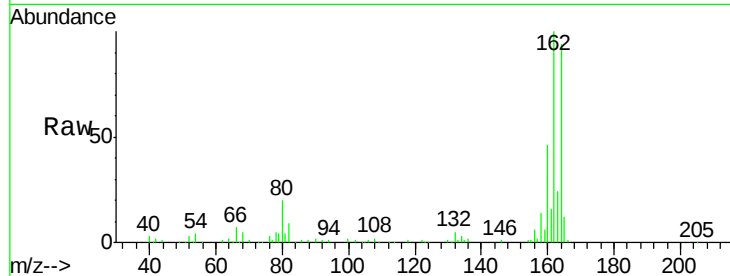
Tgt Ion:164 Resp: 100997

Ion Ratio Lower Upper

164 100

162 106.2 78.0 117.0

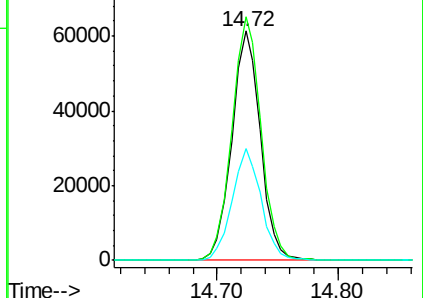
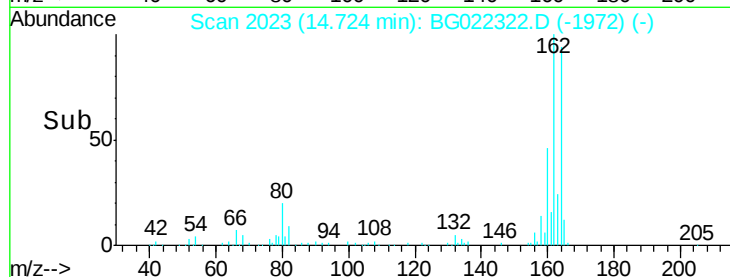
160 48.9 32.9 49.3



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: 117.16 ng

RT: 16.22 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

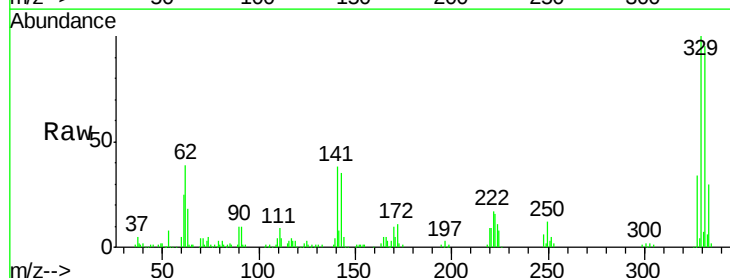
Tgt Ion:330 Resp: 133710

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

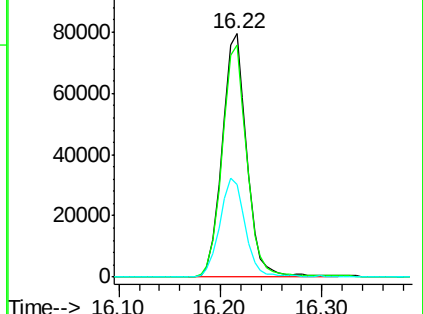
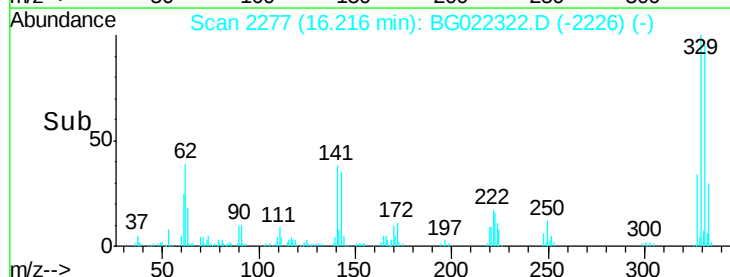
141 42.1 33.8 50.8

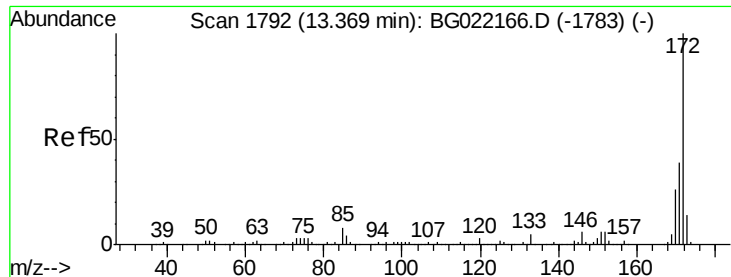


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

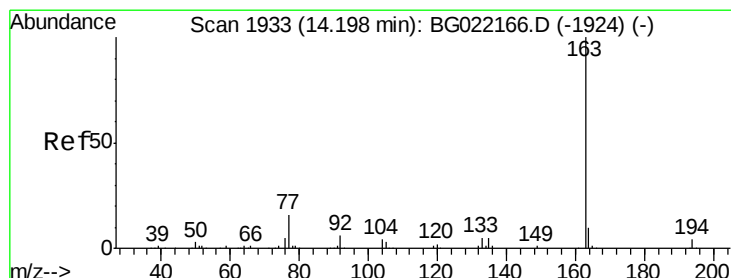
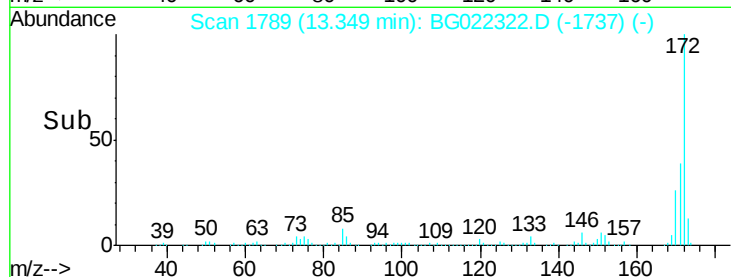
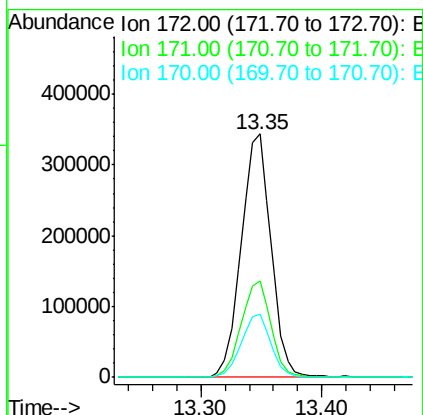
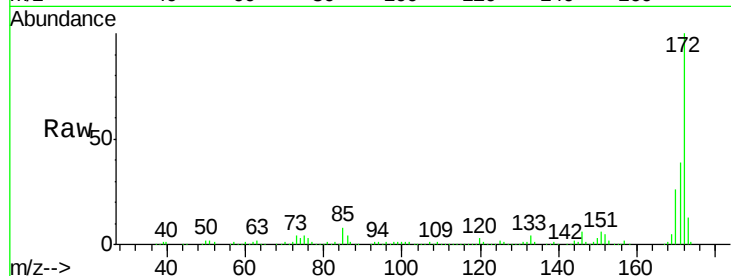




#44
 2-Fluorobiphenyl
 Concen: 89.55 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

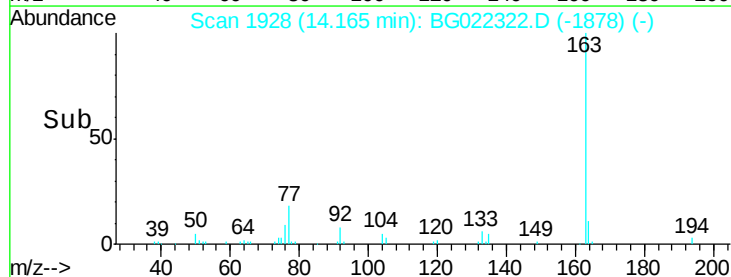
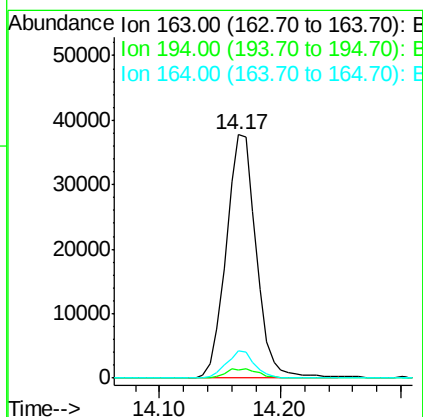
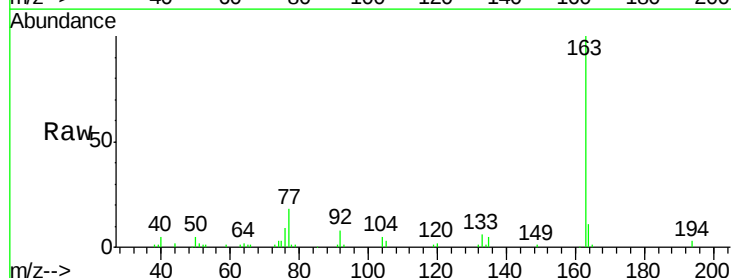
Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

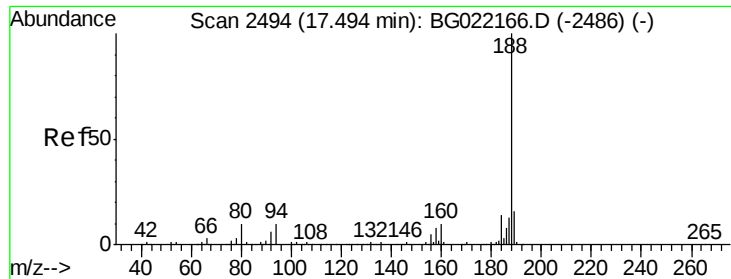
Tgt Ion:172 Resp: 593456
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 26.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.81 ng
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BG022322.D
 Acq: 13 Jun 2016 12:59

Tgt Ion:163 Resp: 65396
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.6
 164 11.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

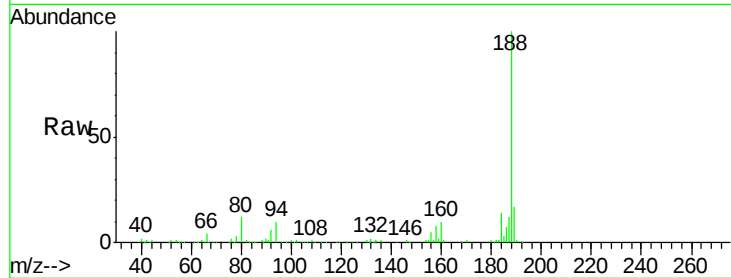
Tgt Ion:188 Resp: 196387

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

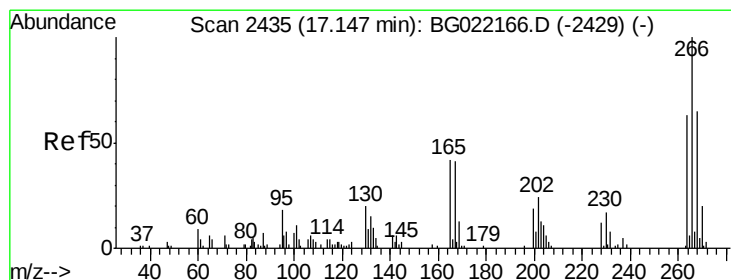
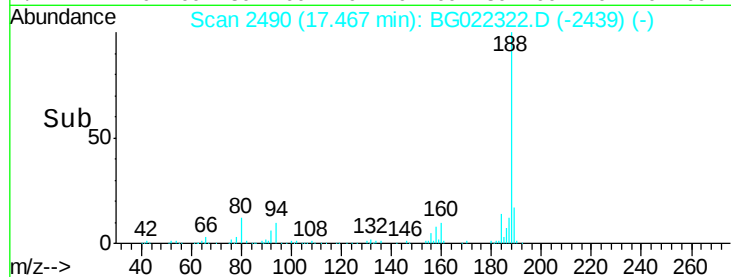
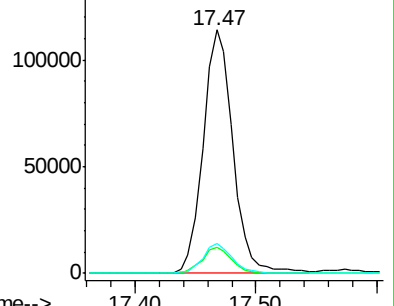
80 12.3 8.6 13.0



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



#69

Pentachlorophenol

Concen: 7.41 ng

RT: 17.14 min Scan# 2435

Delta R.T. 0.02 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

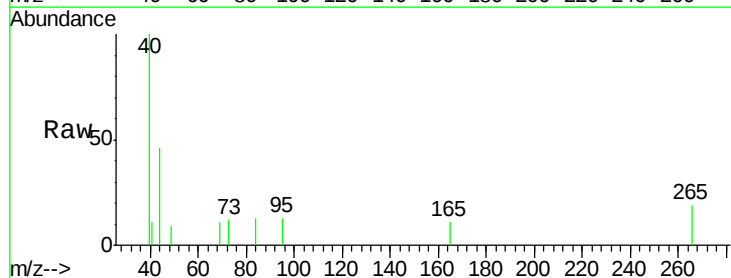
Tgt Ion:266 Resp: 674

Ion Ratio Lower Upper

266 100

268 0.0 54.5 81.7#

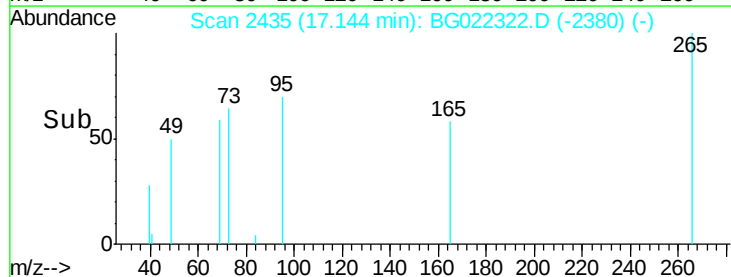
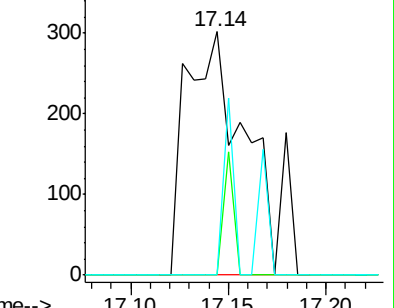
264 0.0 53.8 80.6#

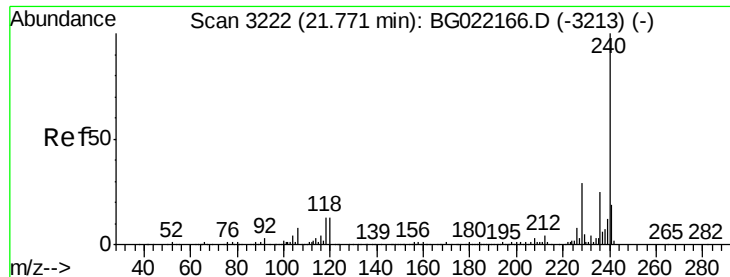


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

Instrument :

BNA_G

ClientSampleId :

2-VE-PILE-WALL(0-2)

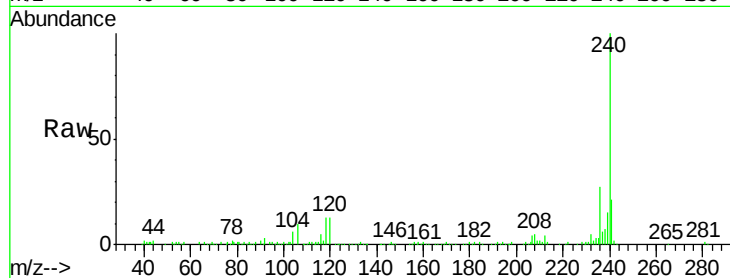
Tgt Ion:240 Resp: 168869

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

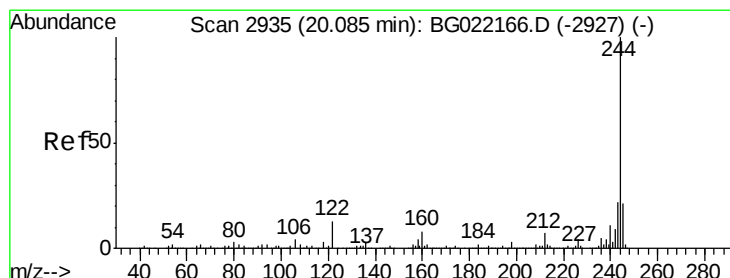
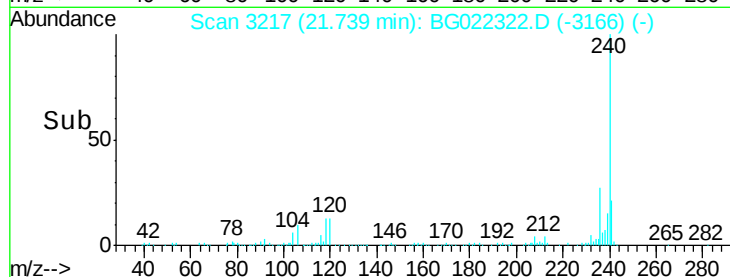
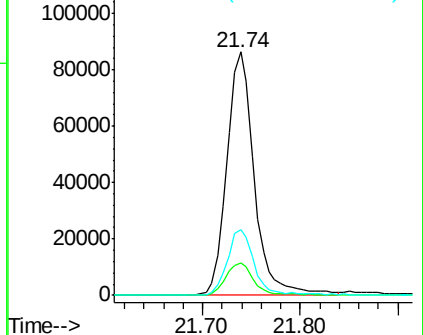
236 27.1 19.6 29.4



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: 95.36 ng

RT: 20.06 min Scan# 2932

Delta R.T. 0.01 min

Lab File: BG022322.D

Acq: 13 Jun 2016 12:59

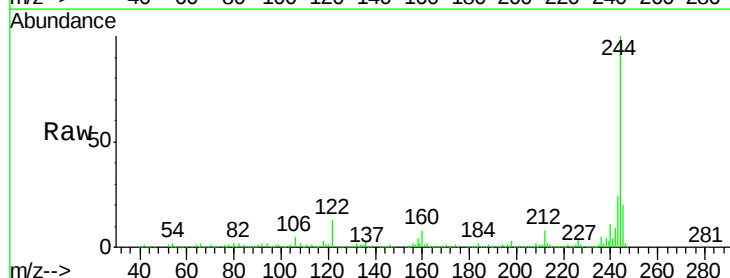
Tgt Ion:244 Resp: 678326

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

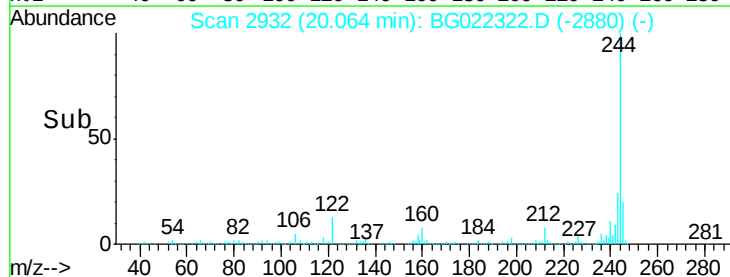
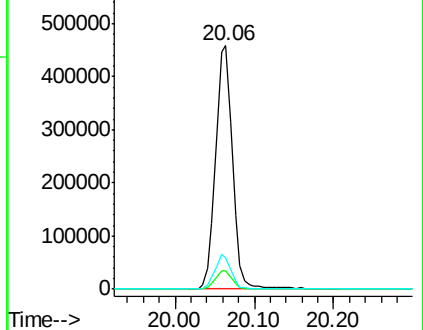
122 13.0 8.6 12.8#

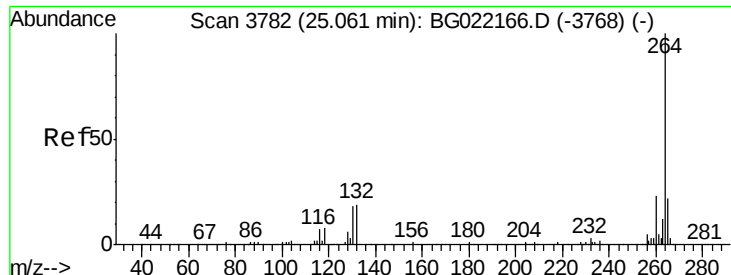


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BG022322.D
Acq: 13 Jun 2016 12:59

Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Tgt Ion:	264	Resp:	155365
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	21.9	17.8	26.8

