

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017666.D
 Acq On : 13 Jun 2015 9:33
 Operator : TP/IZ
 Sample : G2599-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VALHALLA-B2-12.5-13

Quant Time: Jun 15 04:32:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

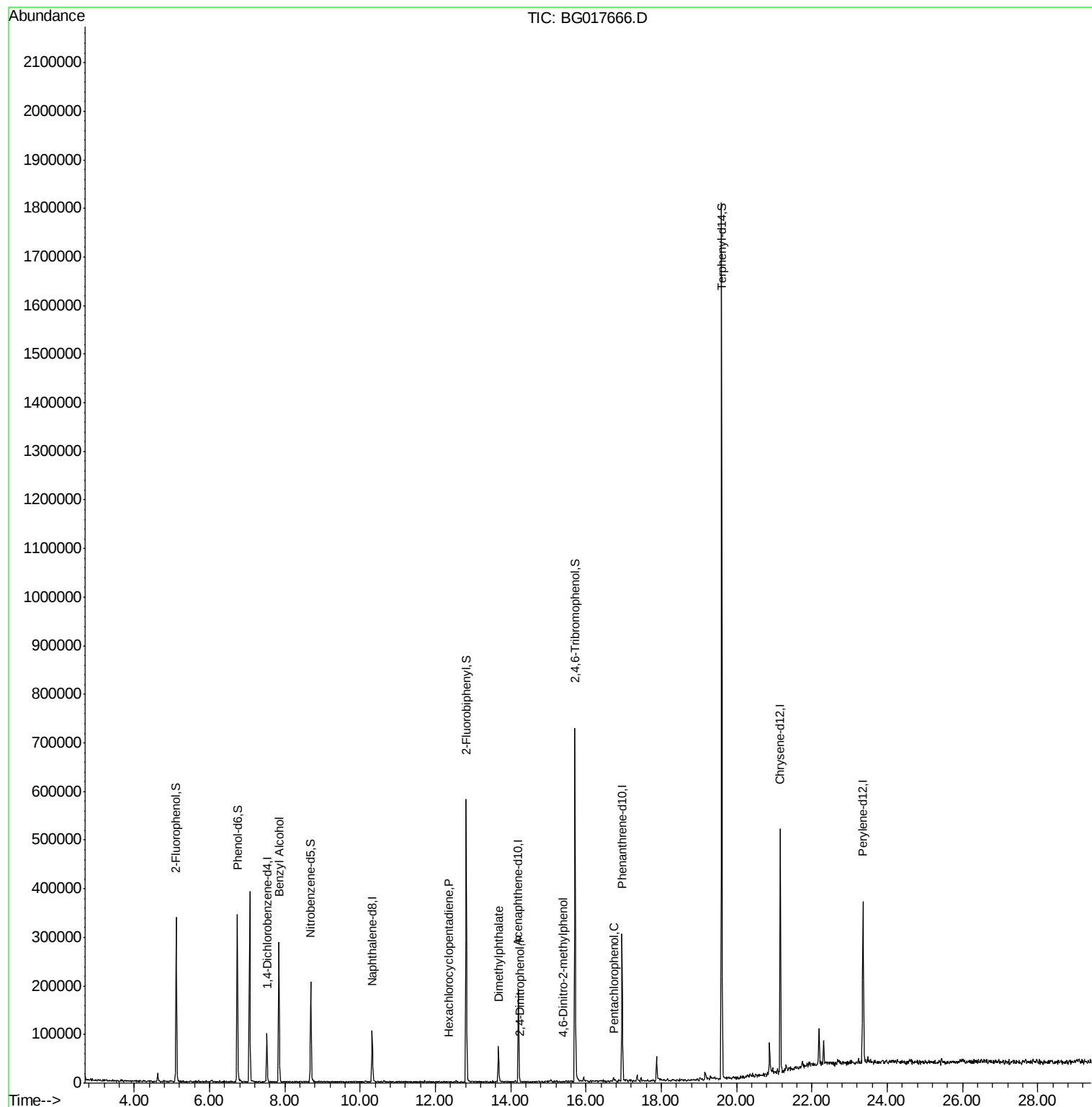
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19509	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70803	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	53633	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	165646	20.00	ng	0.00
75) Chrysene-d12	21.16	240	244717	20.00	ng	0.00
86) Perylene-d12	23.36	264	245504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	108957	108.16	ng	0.00
7) Phenol-d6	6.74	99	151534	102.67	ng	0.00
23) Nitrobenzene-d5	8.69	82	114864	68.10	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	107960	116.61	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	255471	65.88	ng	0.00
78) Terphenyl-d14	19.60	244	705580	60.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3280	2.02	ng	# 45
40) Hexachlorocyclopentadiene	12.35	237	120	5.24	ng	# 25
49) Dimethylphthalate	13.67	163	41608	9.06	ng	99
53) 2,4-Dinitrophenol	14.26	184	73	5.98	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.39	198	57	5.29	ng	# 39
69) Pentachlorophenol	16.72	266	68	6.24	ng	# 17

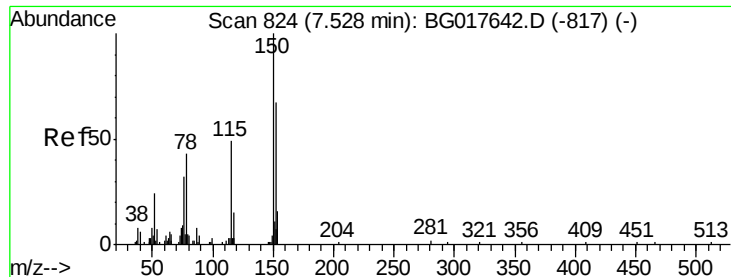
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

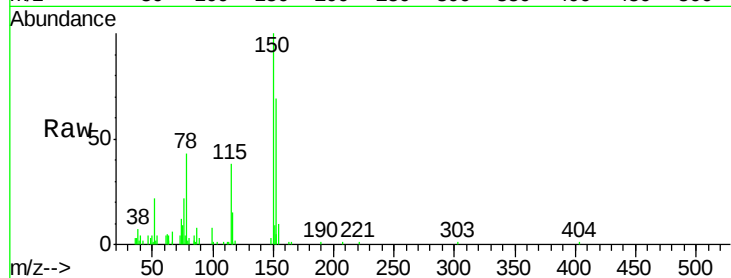
Tgt Ion:152 Resp: 19509

Ion Ratio Lower Upper

152 100

150 145.3 119.4 179.0

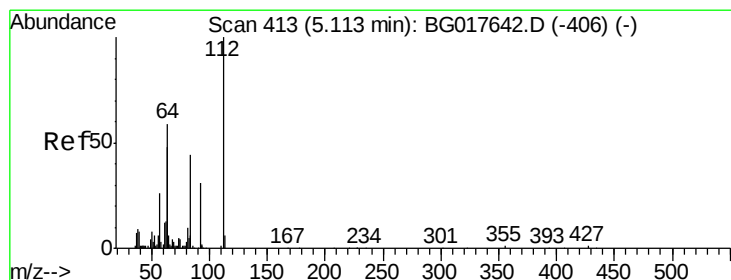
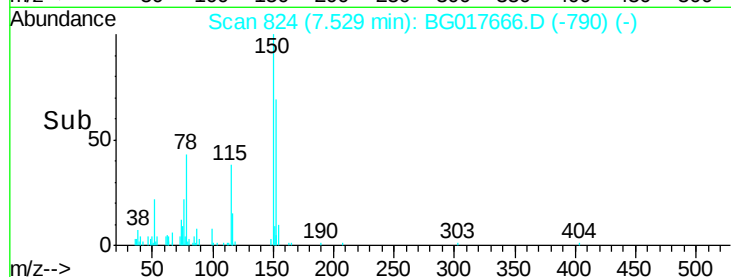
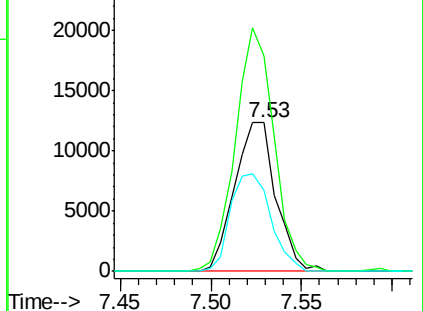
115 54.7 58.2 87.2#



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: 108.16 ng

RT: 5.11 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

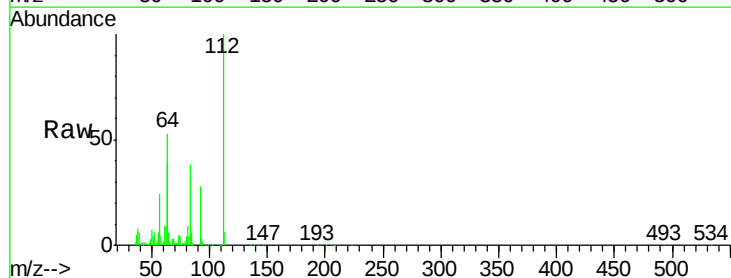
Tgt Ion:112 Resp: 108957

Ion Ratio Lower Upper

112 100

64 53.0 47.0 70.6

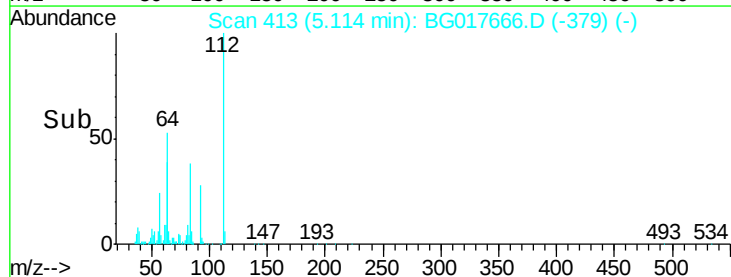
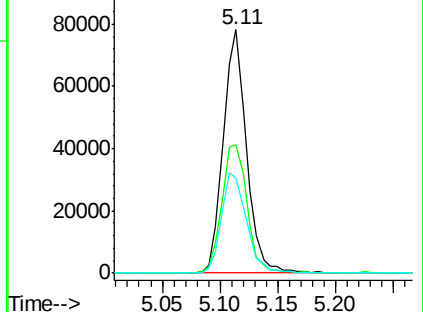
63 39.1 38.6 58.0

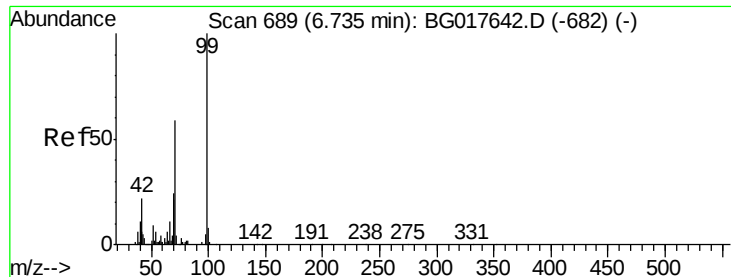


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.67 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

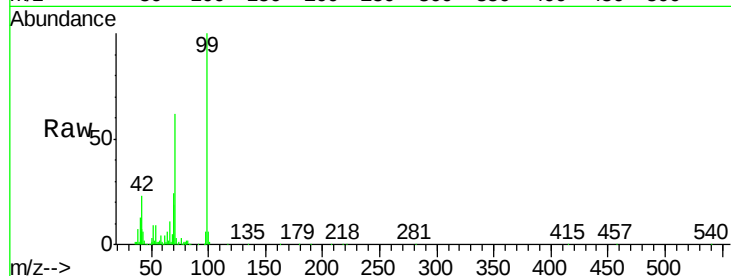
Tgt Ion: 99 Resp: 151534

Ion Ratio Lower Upper

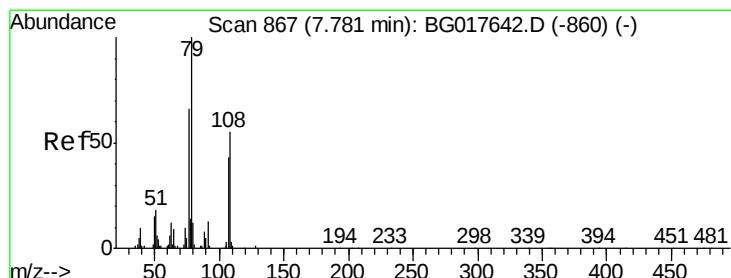
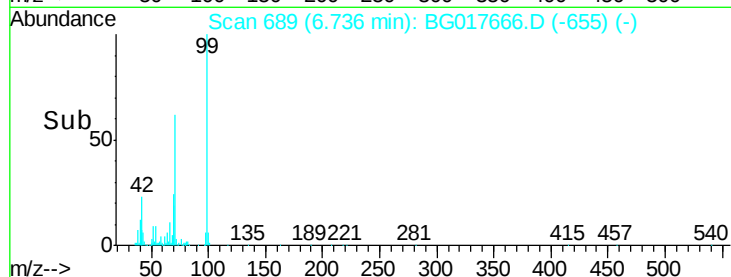
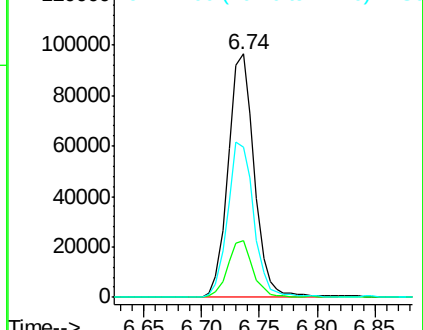
99 100

42 23.3 17.4 26.2

71 61.8 47.4 71.0



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

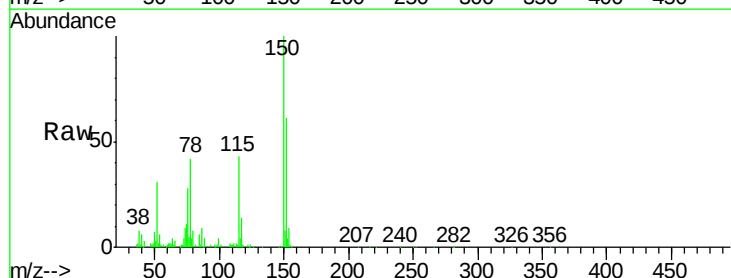
Tgt Ion: 79 Resp: 3280

Ion Ratio Lower Upper

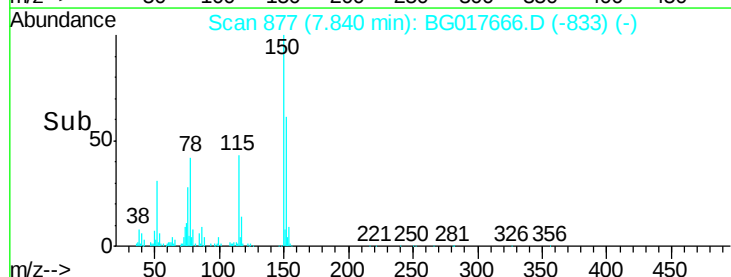
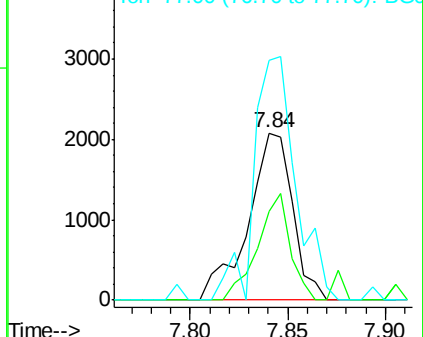
79 100

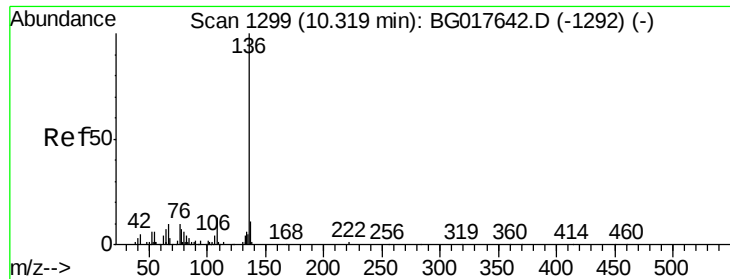
108 52.8 44.6 67.0

77 143.7 53.1 79.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

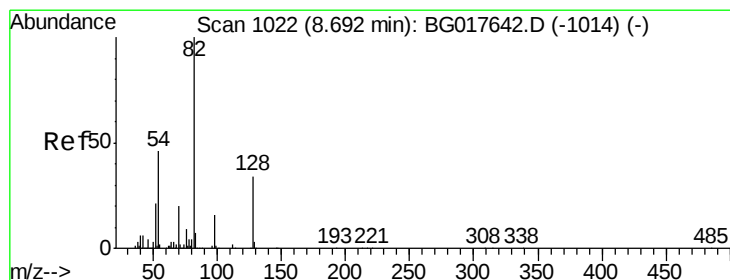
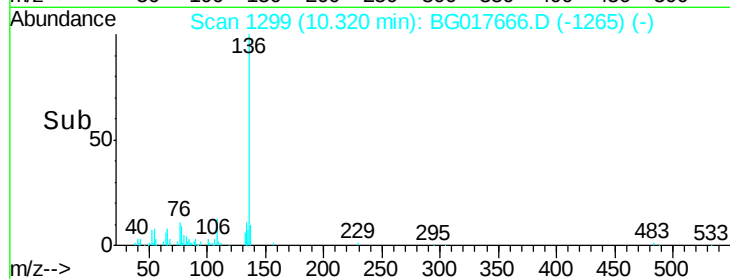
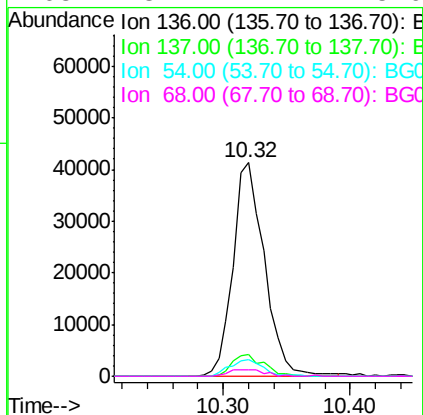
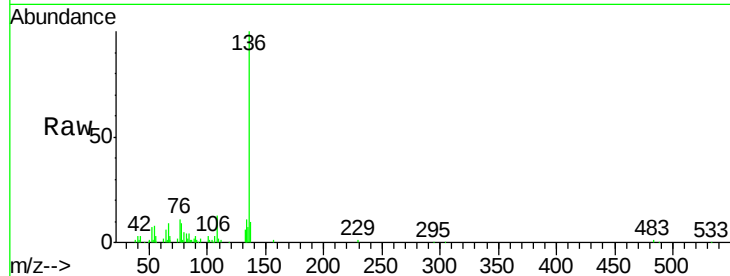




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017666.D
Acq: 13 Jun 2015 9:33

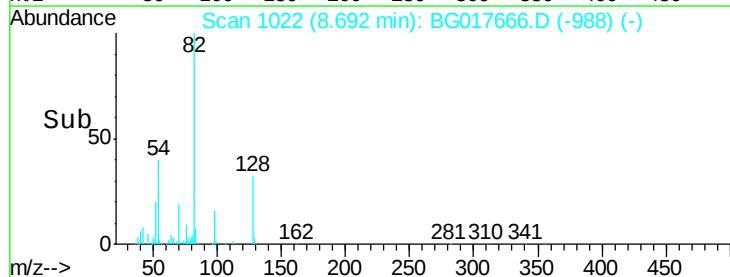
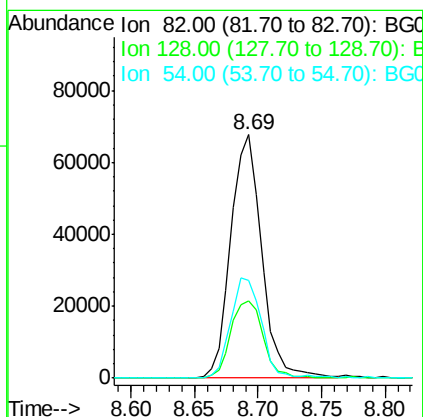
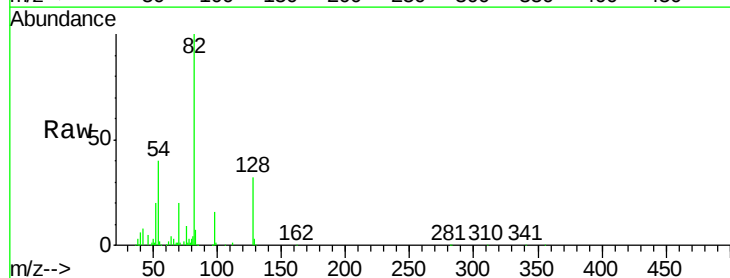
Instrument :
BNA_G
ClientSampleId :
VALHALLA-B2-12.5-13

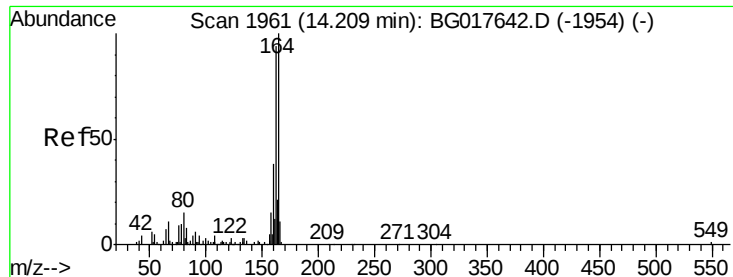
Tgt Ion:	136	Resp:	70803
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	7.8	4.7	7.1#
68	3.1	2.4	3.6



#23
Nitrobenzene-d5
Concen: 68.10 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017666.D
Acq: 13 Jun 2015 9:33

Tgt Ion:	82	Resp:	114864
Ion	Ratio	Lower	Upper
82	100		
128	31.9	27.3	40.9
54	40.2	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

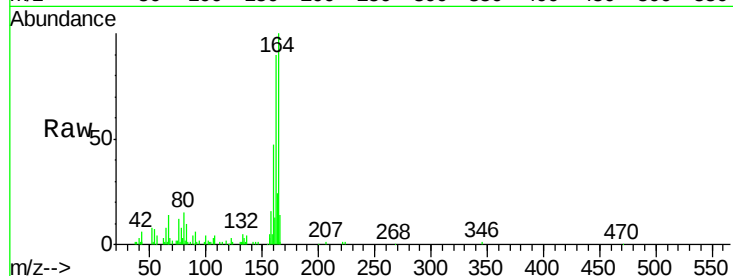
Tgt Ion:164 Resp: 53633

Ion Ratio Lower Upper

164 100

162 89.9 75.0 112.4

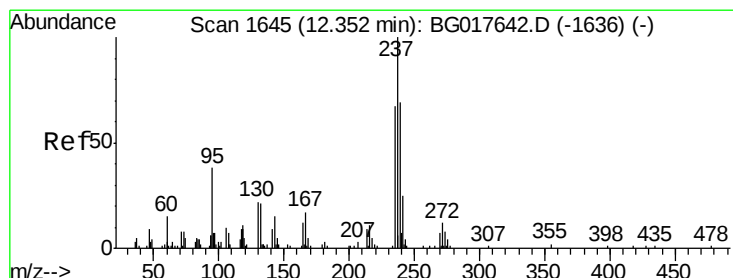
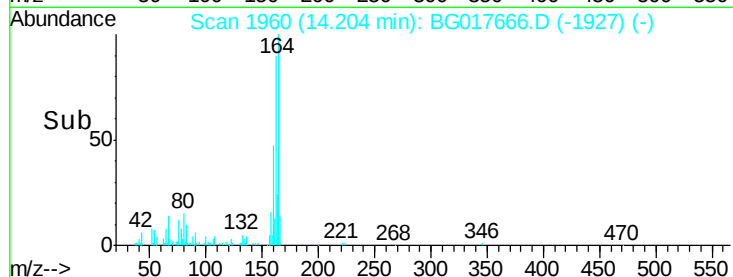
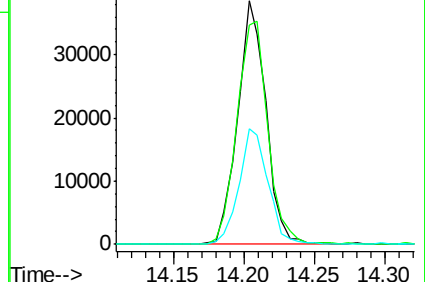
160 47.3 30.3 45.5#



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



#40

Hexachlorocyclopentadiene

Concen: 5.24 ng

RT: 12.35 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

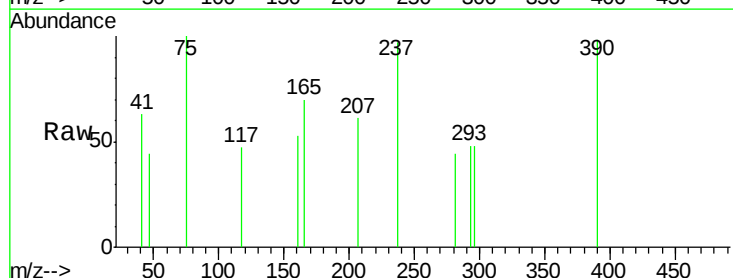
Tgt Ion:237 Resp: 120

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

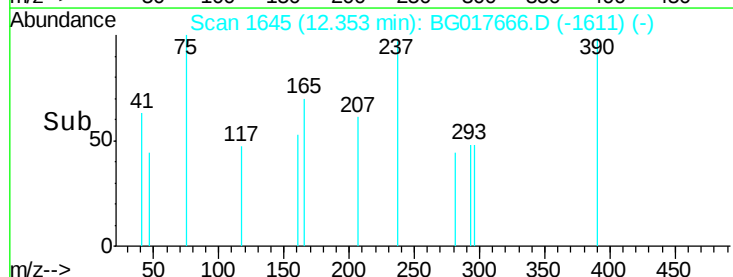
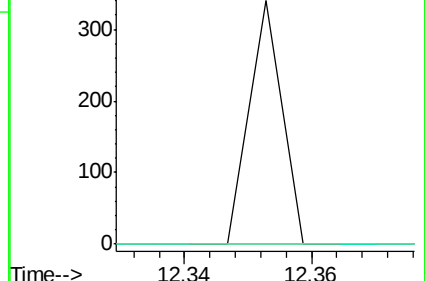
272 0.0 0.0 32.3

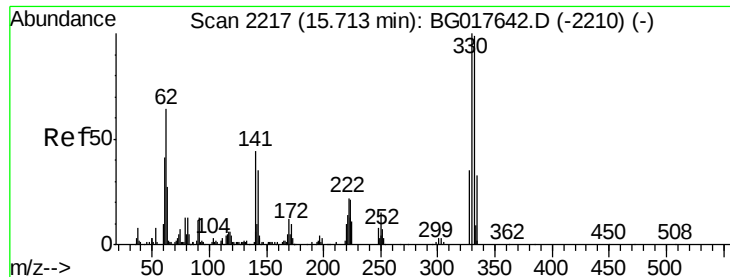


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

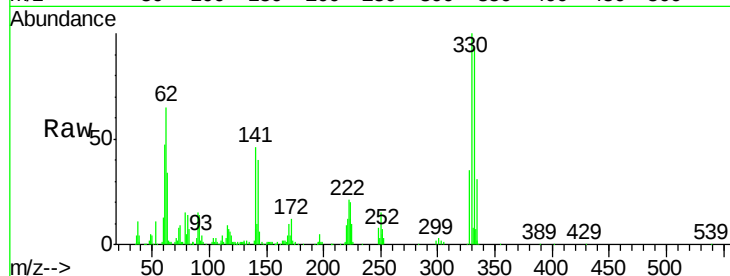




#41
 2,4,6-Tribromophenol
 Concen: 116.61 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG017666.D
 Acq: 13 Jun 2015 9:33

Instrument :
 BNA_G
 ClientSampleId :
 VALHALLA-B2-12.5-13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	43.8	34.6	51.8

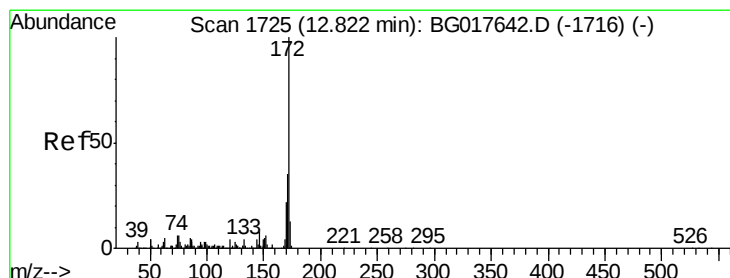
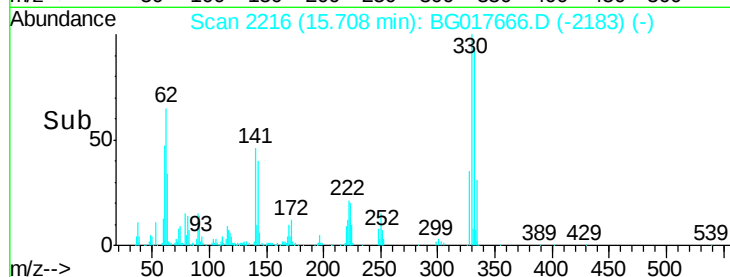
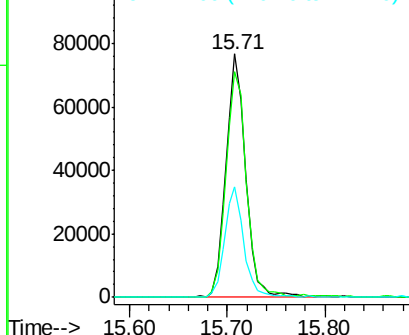


Abundance

Ion 329.80 (329.50 to 330.50): E

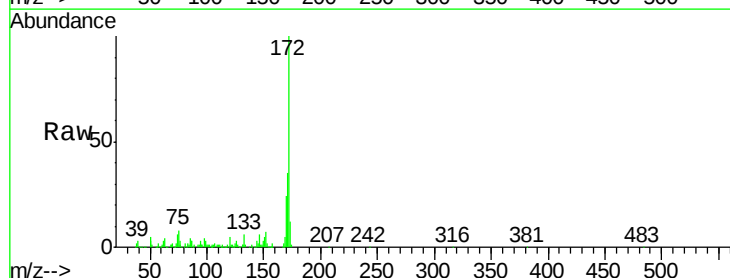
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.88 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG017666.D
 Acq: 13 Jun 2015 9:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.6	17.4	26.2

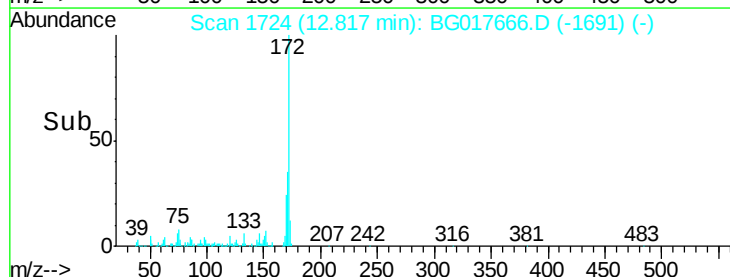
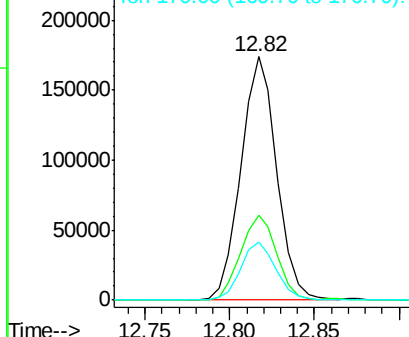


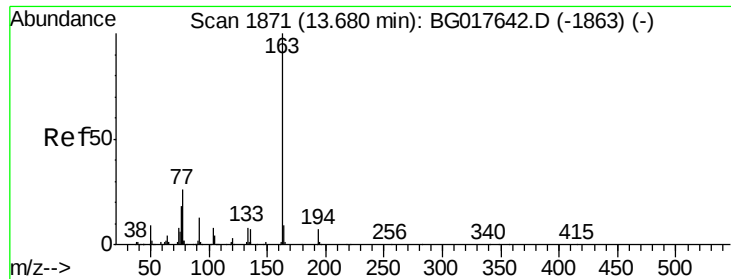
Abundance

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





#49

Dimethylphthalate

Concen: 9.06 ng

RT: 13.67 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

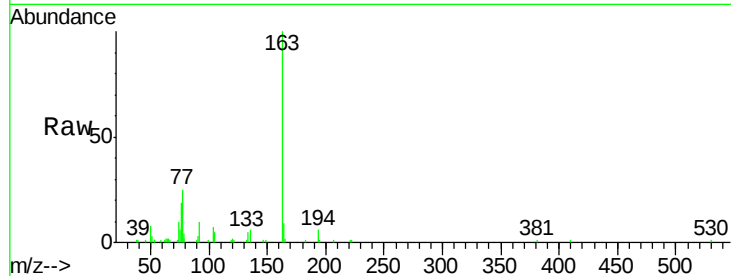
Tgt Ion:163 Resp: 41608

Ion Ratio Lower Upper

163 100

194 7.0 5.7 8.5

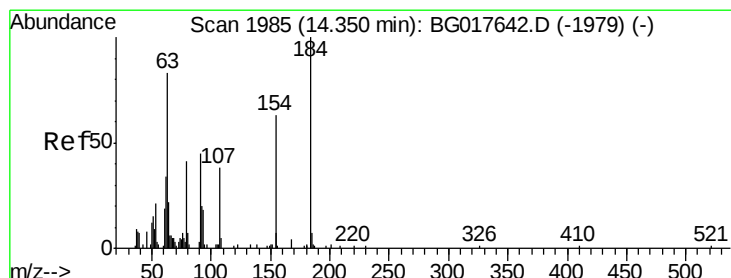
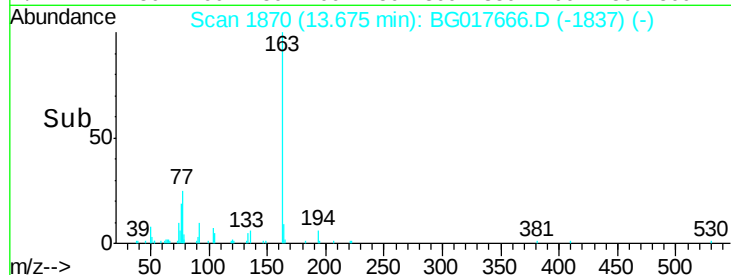
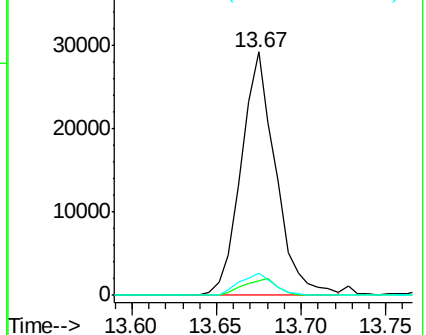
164 9.3 7.1 10.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.98 ng

RT: 14.26 min Scan# 1969

Delta R.T. -0.09 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

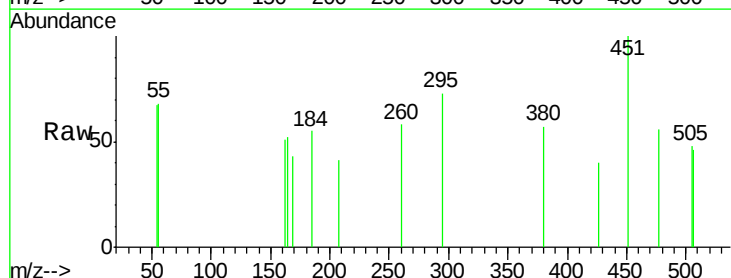
Tgt Ion:184 Resp: 73

Ion Ratio Lower Upper

184 100

63 0.0 66.5 99.7#

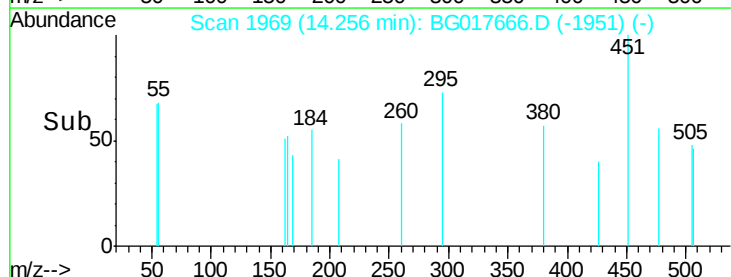
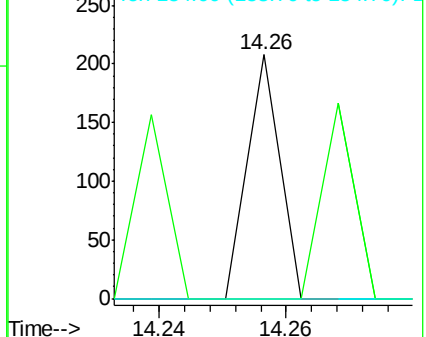
154 0.0 50.5 75.7#

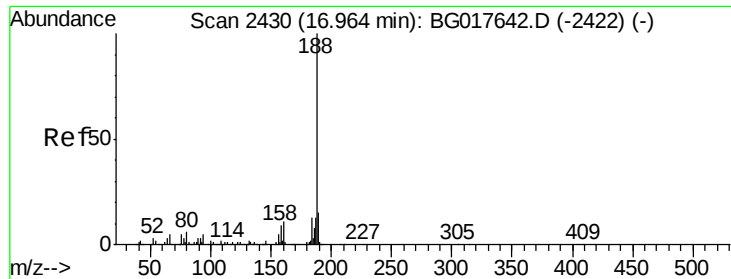


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

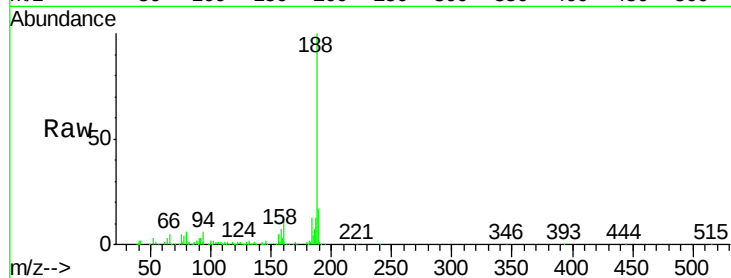




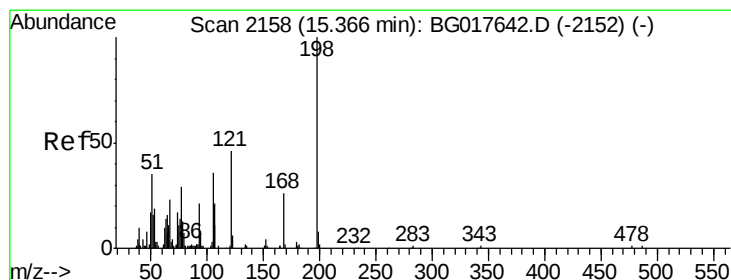
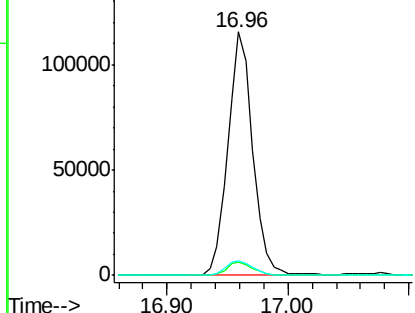
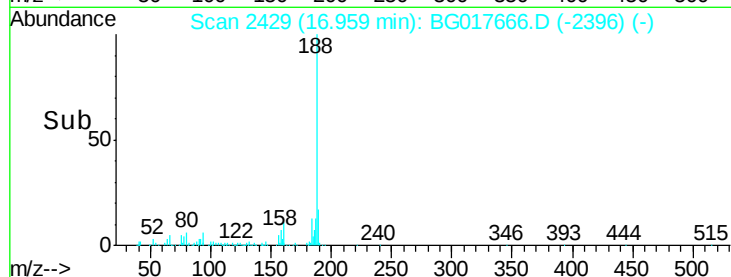
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017666.D
Acq: 13 Jun 2015 9:33

Instrument :
BNA_G
ClientSampleId :
VALHALLA-B2-12.5-13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.9	5.9
80	5.8	5.0	7.6

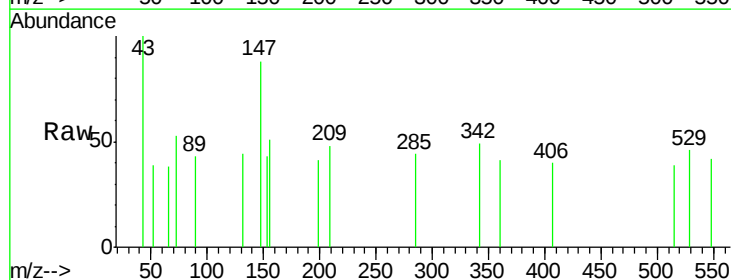


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

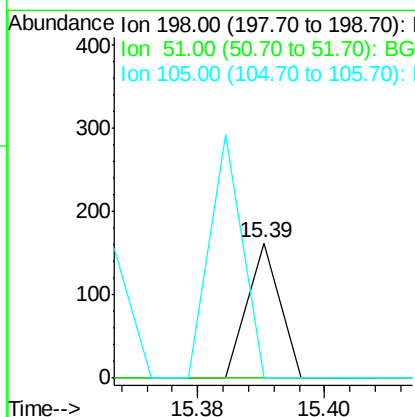
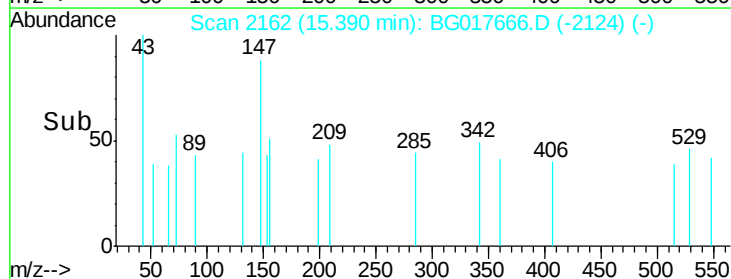


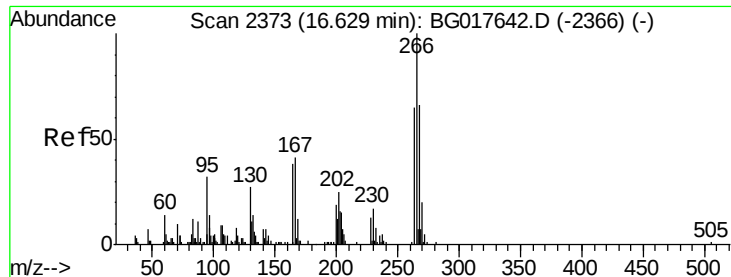
#64
4,6-Dinitro-2-methylphenol
Concen: 5.29 ng
RT: 15.39 min Scan# 2162
Delta R.T. 0.02 min
Lab File: BG017666.D
Acq: 13 Jun 2015 9:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	16.2	56.2#
105	0.0	15.7	55.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E





#69

Pentachlorophenol

Concen: 6.24 ng

RT: 16.72 min Scan# 2389

Delta R.T. 0.10 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

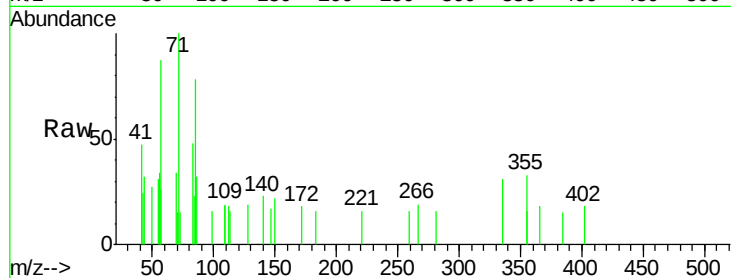
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

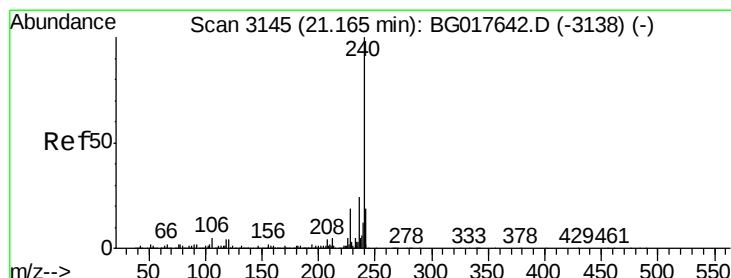
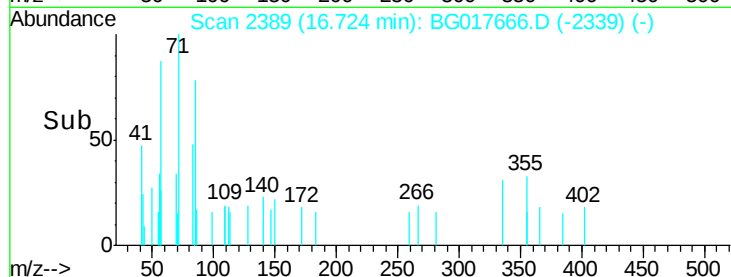
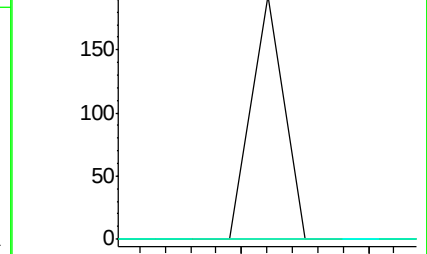
264 0.0 52.2 78.4#



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: 21.16 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

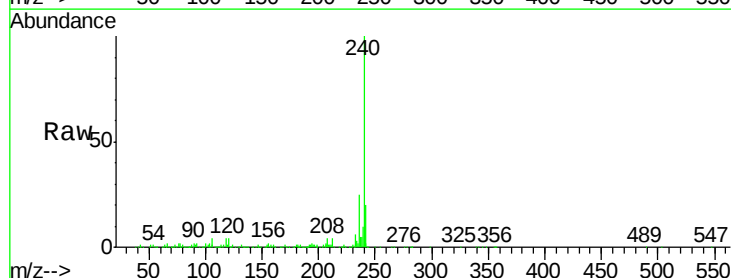
Tgt Ion:240 Resp: 244717

Ion Ratio Lower Upper

240 100

120 3.6 3.5 5.3

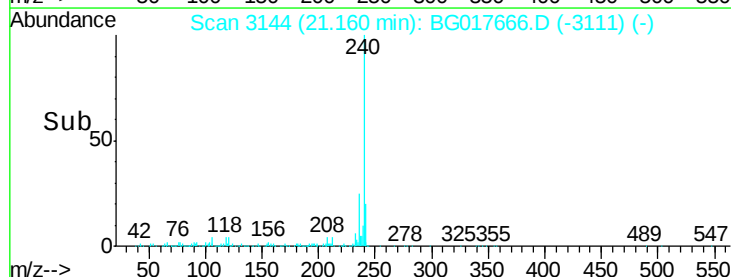
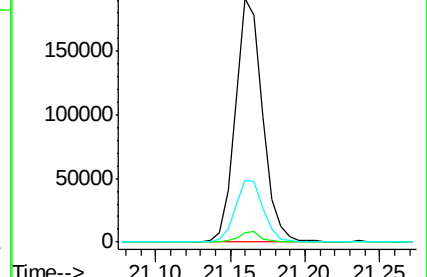
236 25.2 19.5 29.3

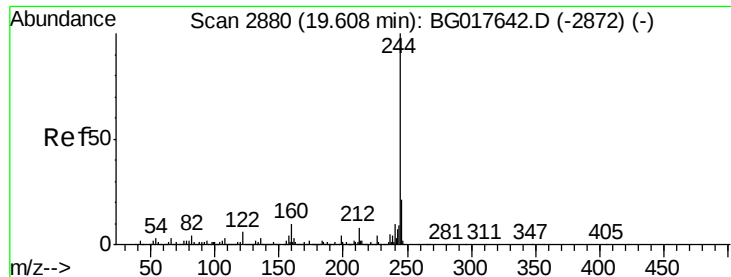


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.15 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

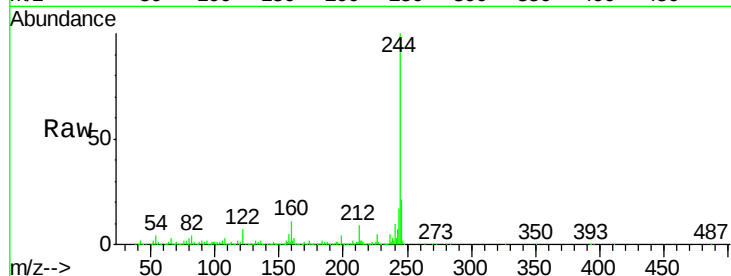
Tgt Ion:244 Resp: 705580

Ion Ratio Lower Upper

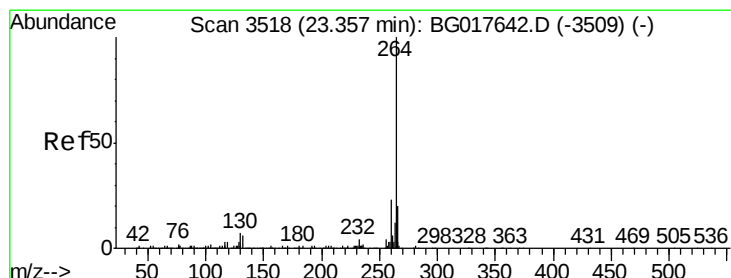
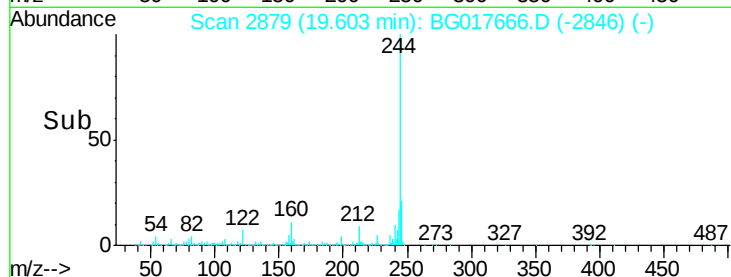
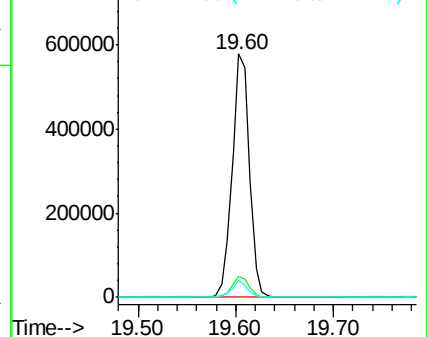
244 100

212 8.6 6.3 9.5

122 6.8 4.6 6.8



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: 23.36 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

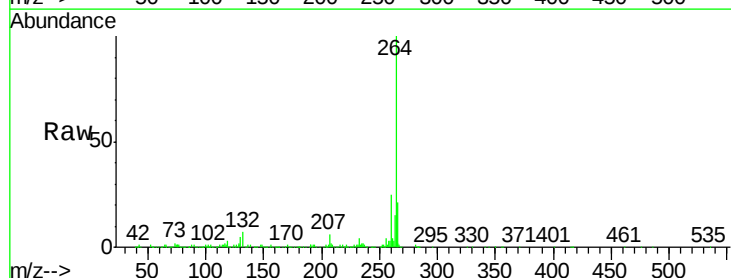
Tgt Ion:264 Resp: 245504

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 21.3 16.2 24.2



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

