

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 05:07:38 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

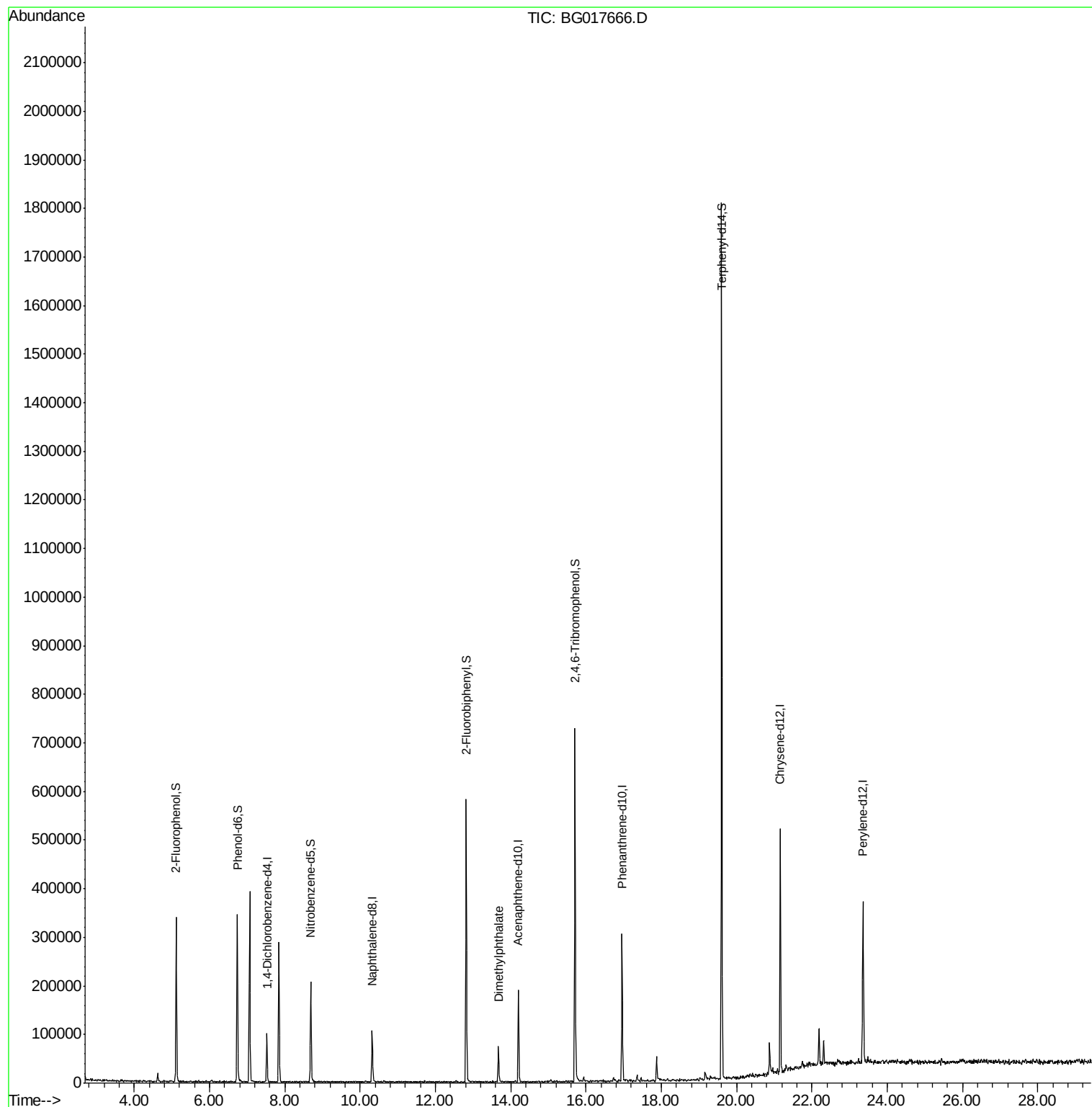
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19509	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70803	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	53633	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	165646	20.00	ng	0.00
75) Chrysene-d12	21.16	240	244717	20.00	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						
49) Dimethylphthalate	13.67	163	41608	9.06	ng	Qvalue 99

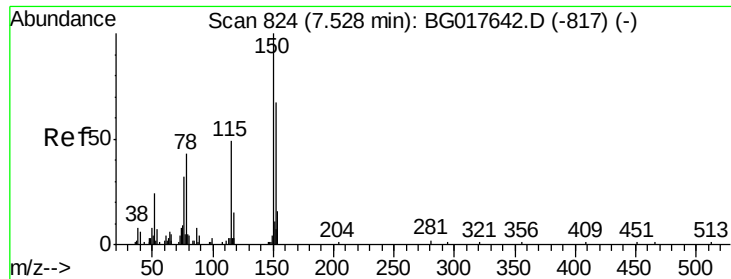
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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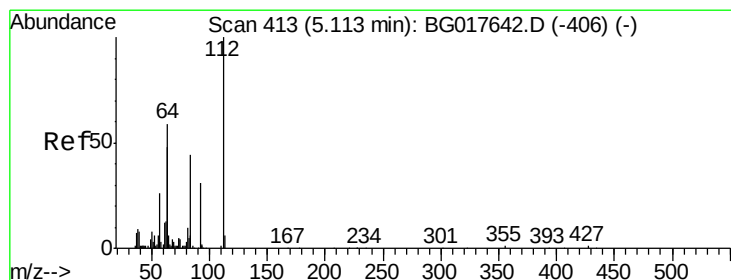
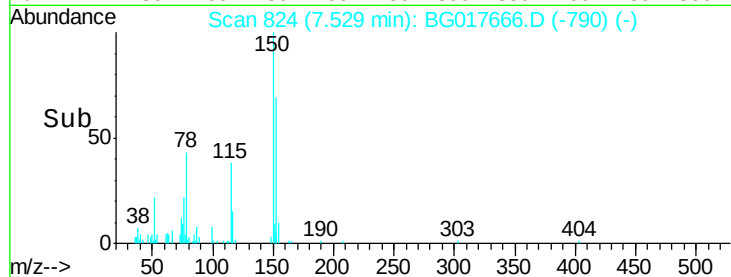
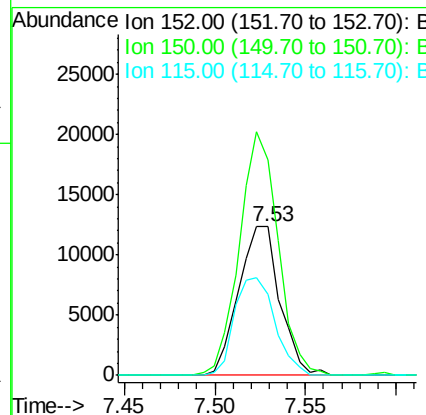
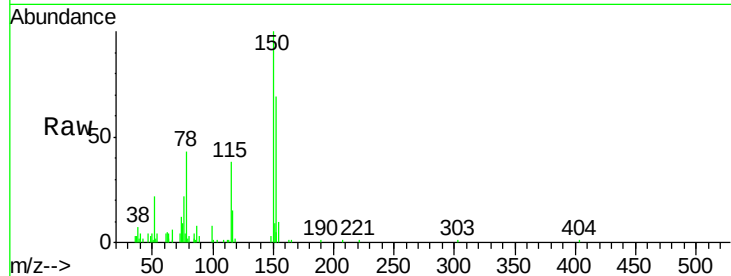


#1

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

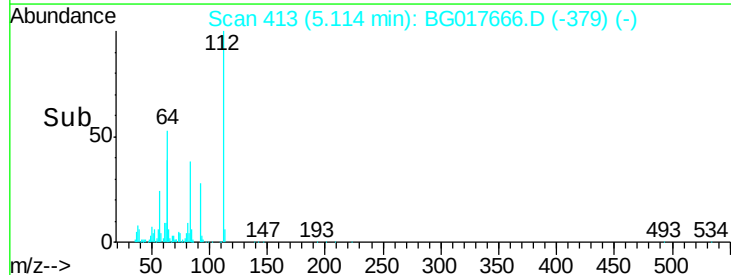
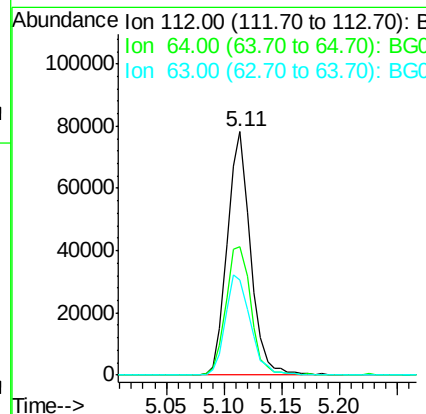
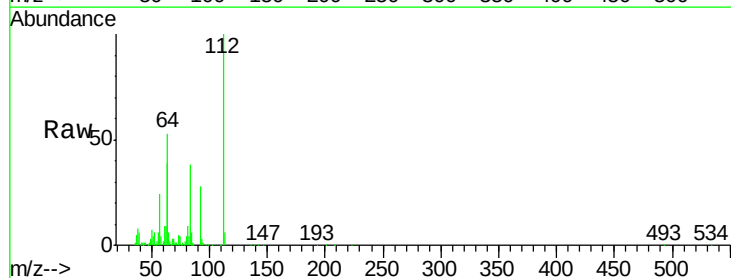
Tgt Ion:152 Resp: 19509
Ion Ratio Lower Upper
152 100
150 145.3 119.4 179.0
115 54.7 58.2 87.2#

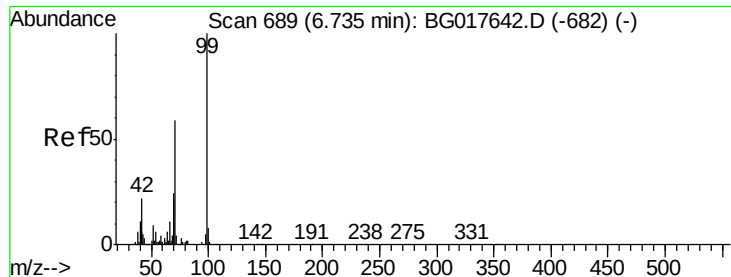


#5

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





#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

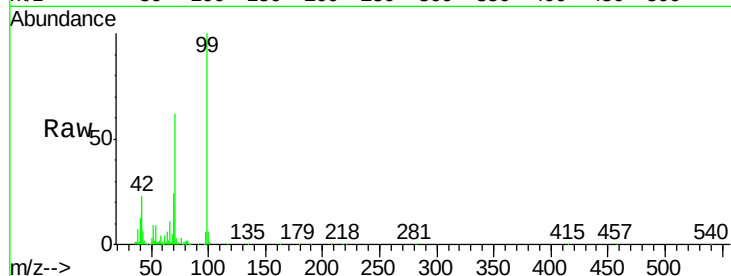
Tgt Ion: 99 Resp: 151534

Ion Ratio Lower Upper

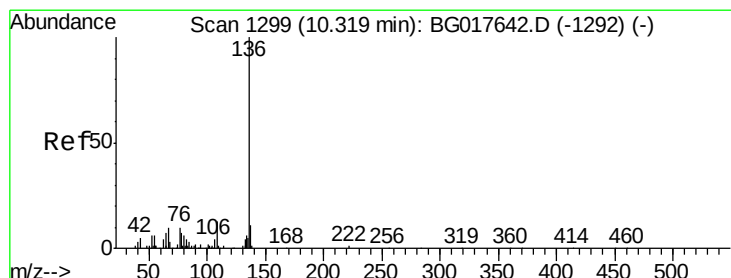
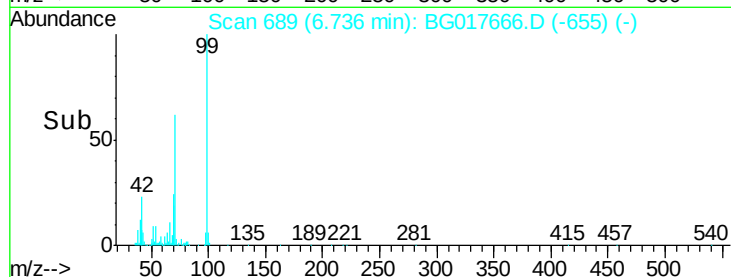
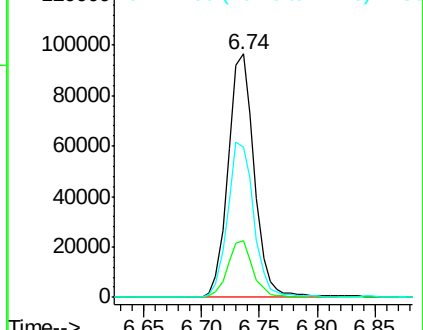
99 100

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



#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

Tgt Ion: 136 Resp: 70803

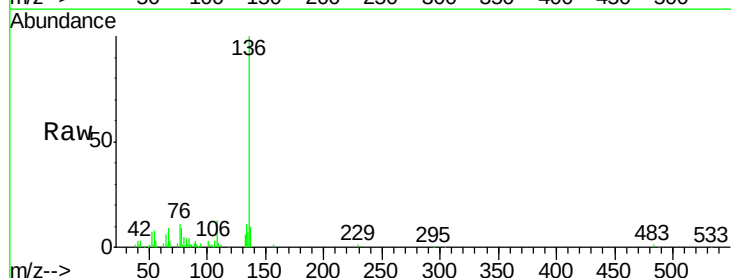
Ion Ratio Lower Upper

136 100

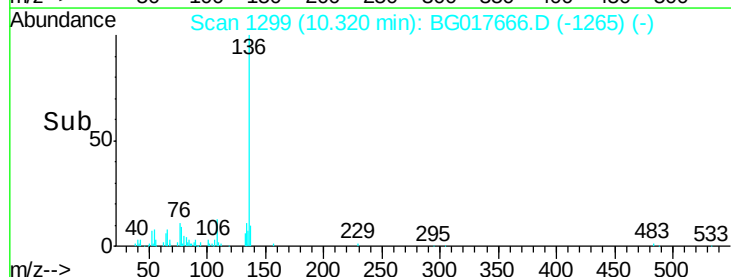
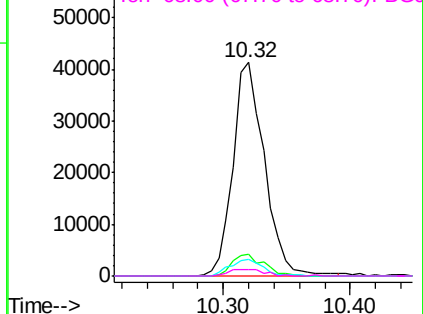
137 9.9 8.7 13.1

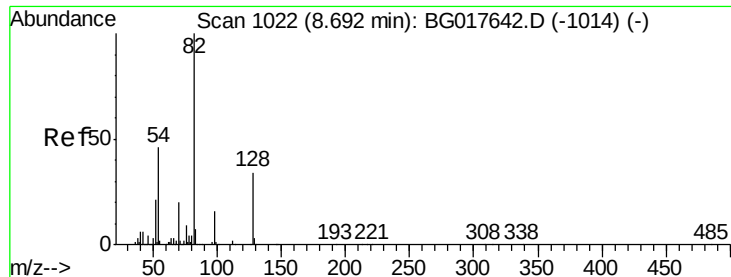
54 7.8 4.7 7.1#

68 3.1 2.4 3.6



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

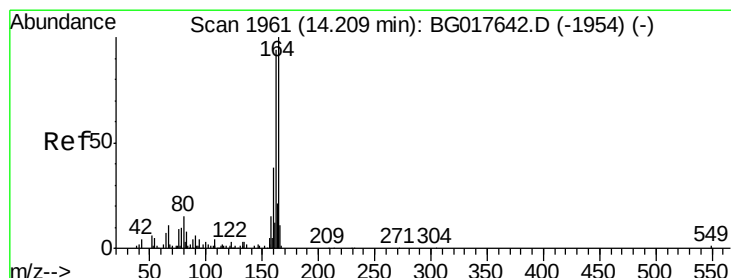
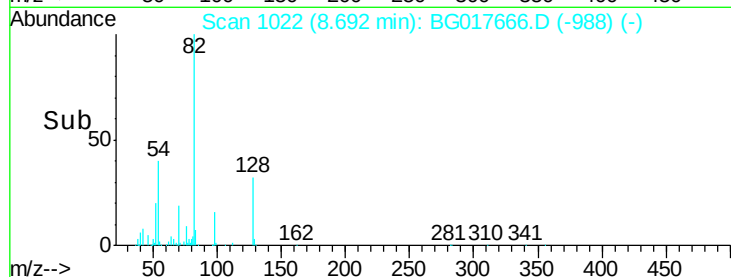
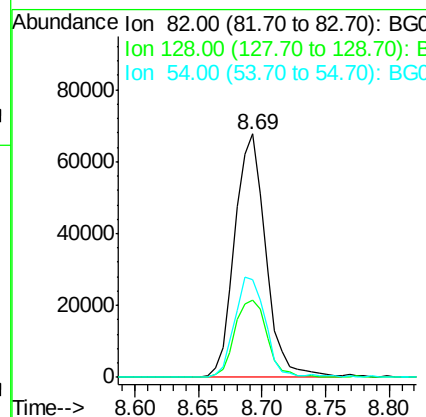
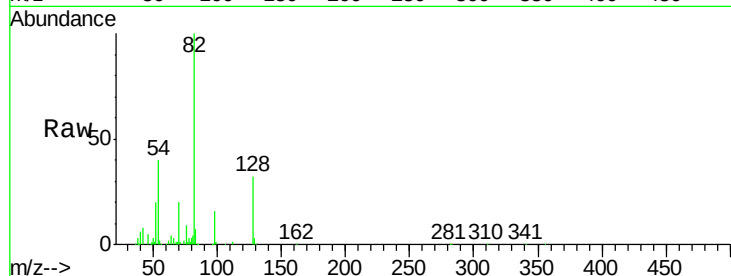




#23
 Nitrobenzene-d5
 Concen: 68.10 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017666.D
 Acq: 13 Jun 2015 9:33

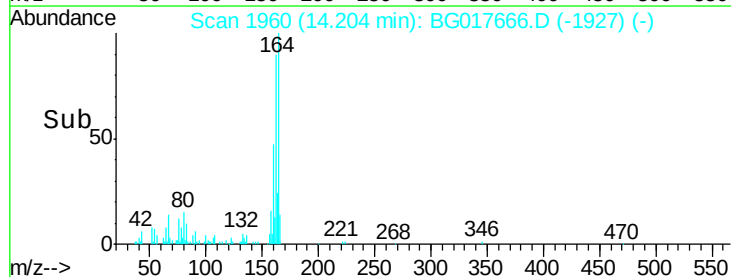
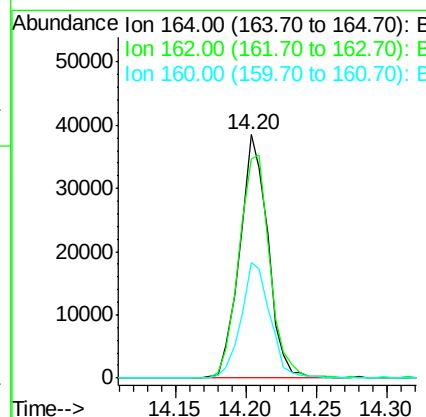
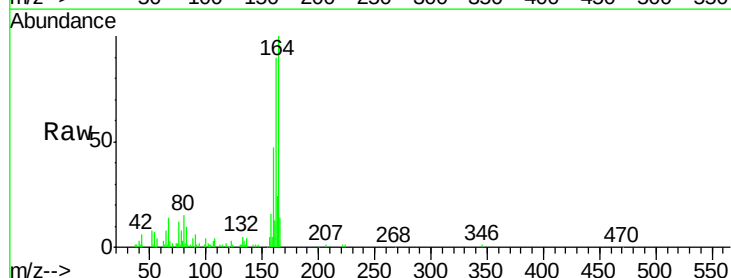
Instrument :
 BNA_G
 ClientSampleId :
 VALHALLA-B2-12.5-13

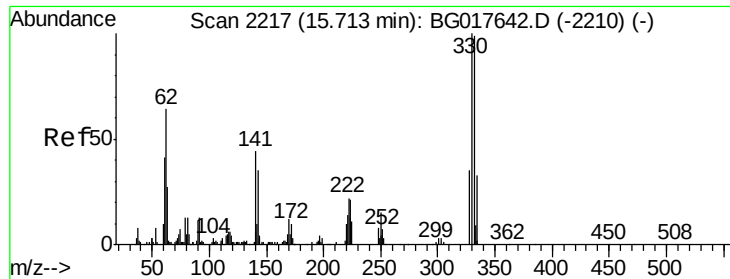
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	27.3	40.9
54	40.2	37.0	55.4



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.9	75.0	112.4
160	47.3	30.3	45.5

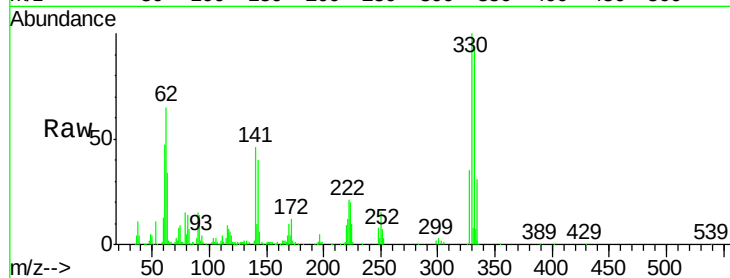




#41
 2,4,6-Tribromophenol
 Concen: 116.61 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG017666.D
 Acq: 13 Jun 2015 9:33

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

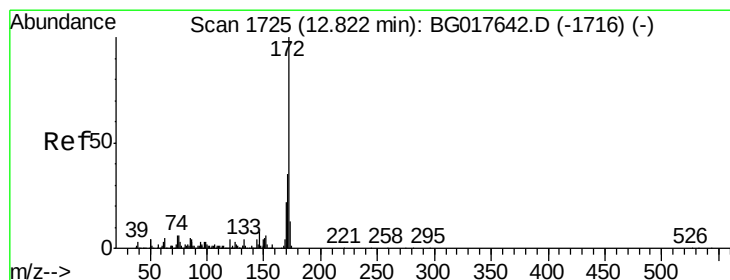
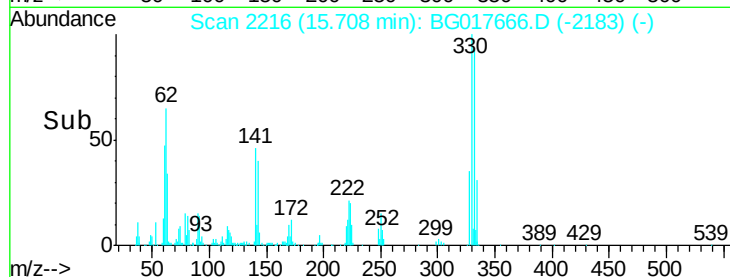
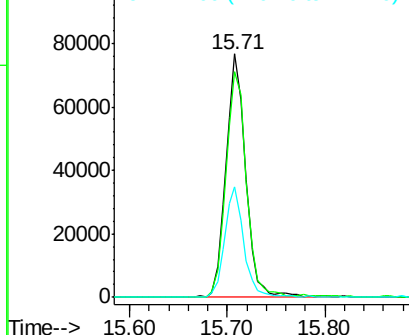


Abundance

Ion 329.80 (329.50 to 330.50): E

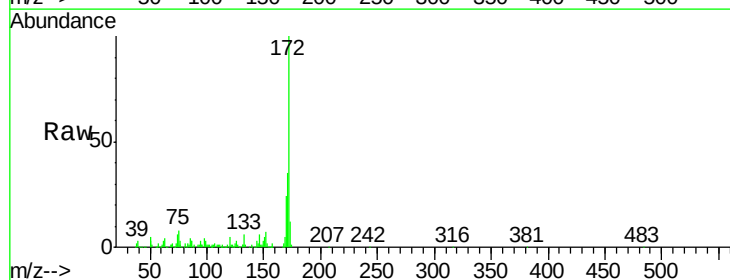
Ion 331.80 (331.50 to 332.50): E

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

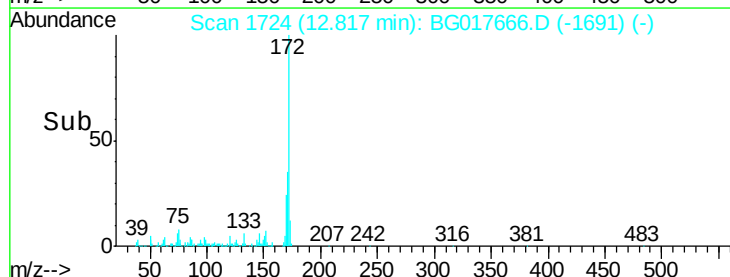
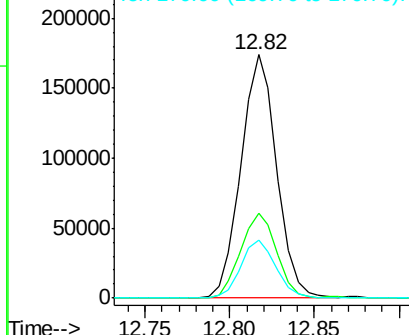


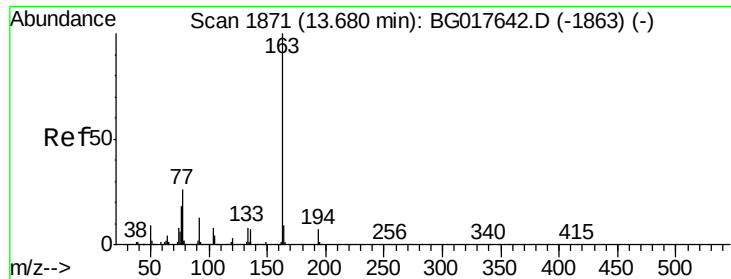
Abundance

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

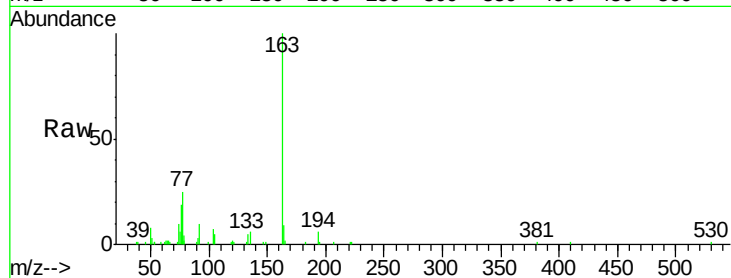
Tgt Ion:163 Resp: 41608

Ion Ratio Lower Upper

163 100

194 7.0 5.7 8.5

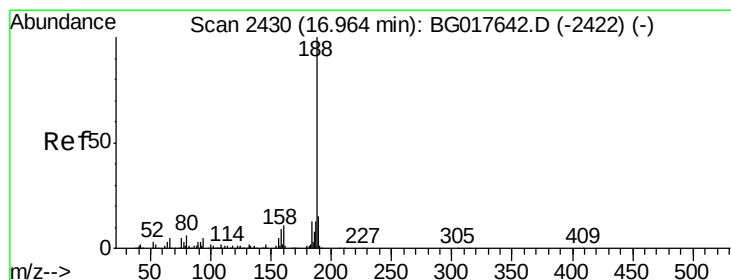
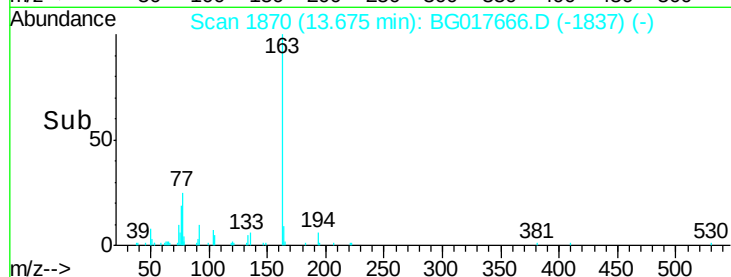
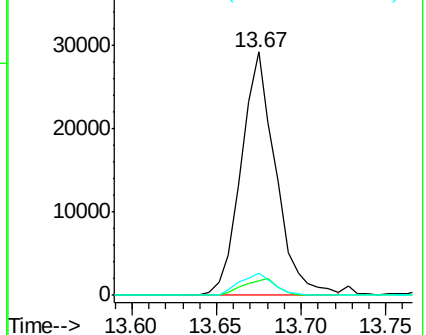
164 9.3 7.1 10.7



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



#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

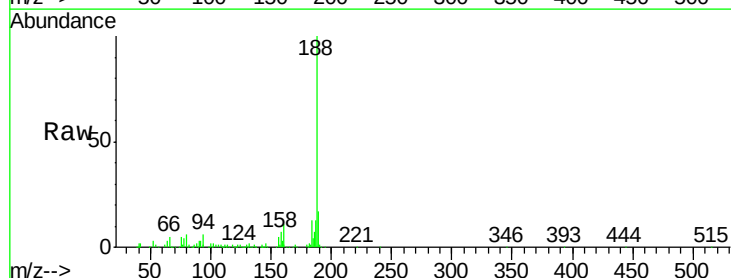
Tgt Ion:188 Resp: 165646

Ion Ratio Lower Upper

188 100

94 5.6 3.9 5.9

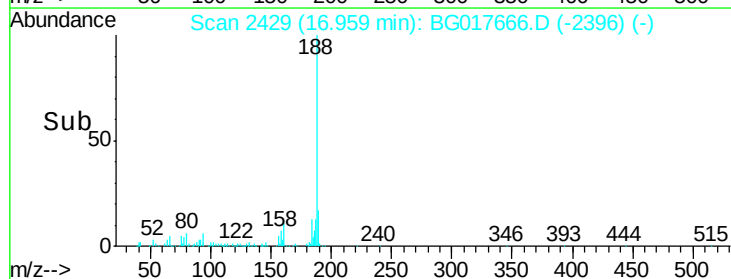
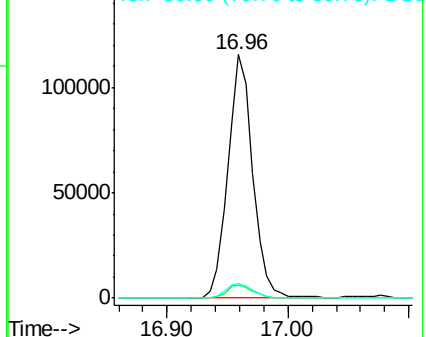
80 5.8 5.0 7.6

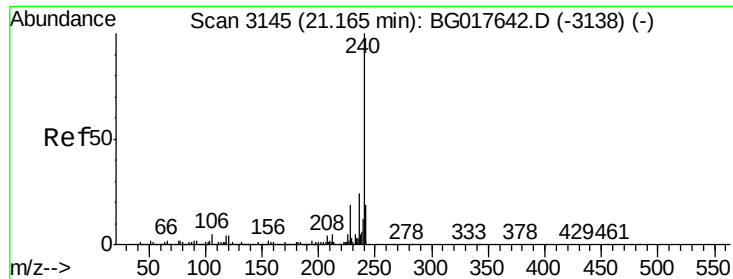


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

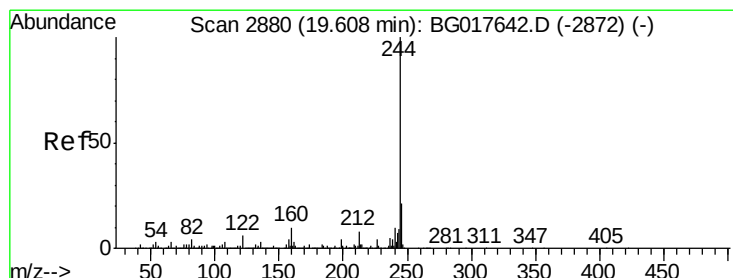
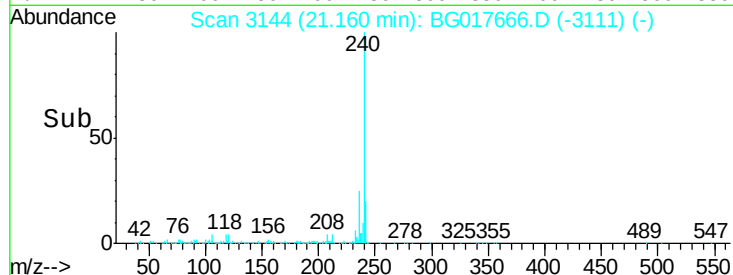
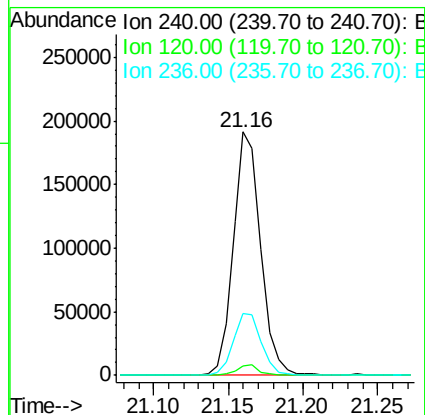
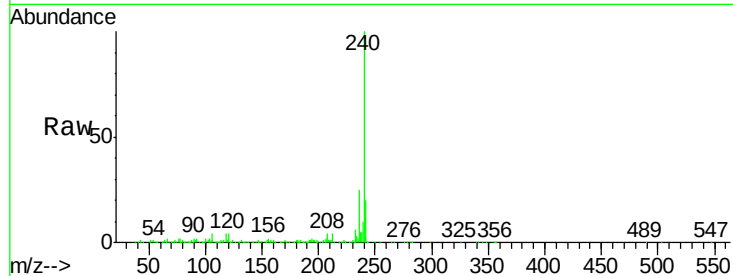
Instrument :

BNA_G

ClientSampleId :

VALHALLA-B2-12.5-13

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



#78

Terphenyl-d14

Concen: 60.15 ng

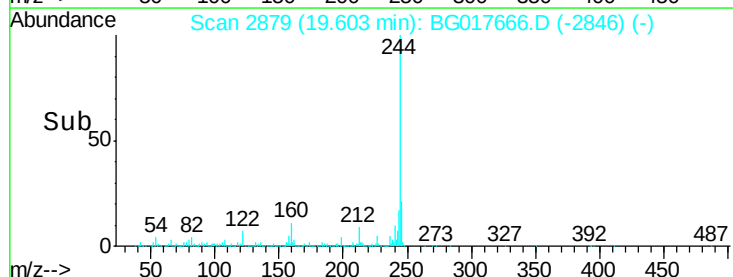
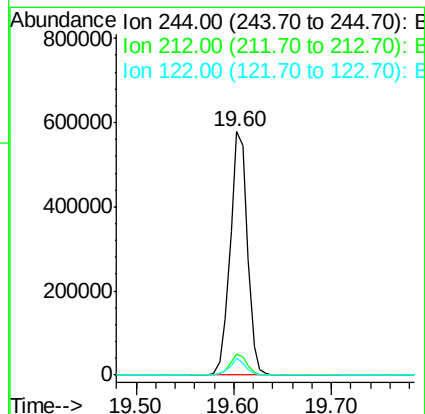
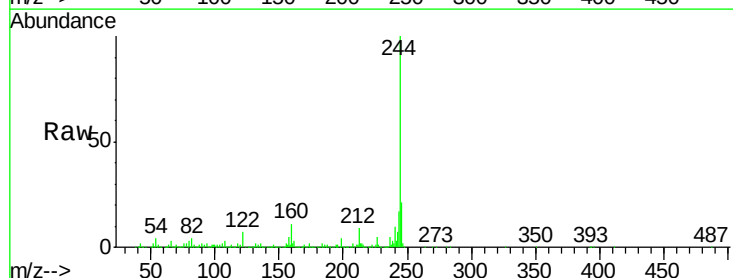
RT: 19.60 min Scan# 2879

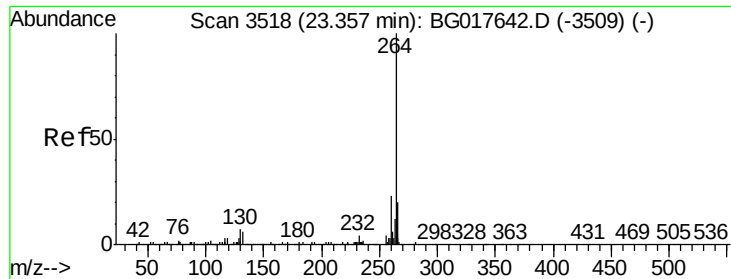
Delta R.T. -0.01 min

Lab File: BG017666.D

Acq: 13 Jun 2015 9:33

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





#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

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

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

