

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024569.D
 Acq On : 31 Oct 2016 23:18
 Operator : UM/SJ
 Sample : H5481-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-9

Quant Time: Nov 01 12:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	128498	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	504166	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	394759	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	825850	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1089980	20.00	ng	0.00
86) Perylene-d12	25.35	264	1151237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	486733	62.08	ng	0.00
7) Phenol-d6	7.40	99	444324	41.32	ng	0.00
23) Nitrobenzene-d5	9.45	82	1072701	96.87	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	808976	137.17	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2158351	90.87	ng	0.00
78) Terphenyl-d14	20.21	244	3322404	91.08	ng	0.00

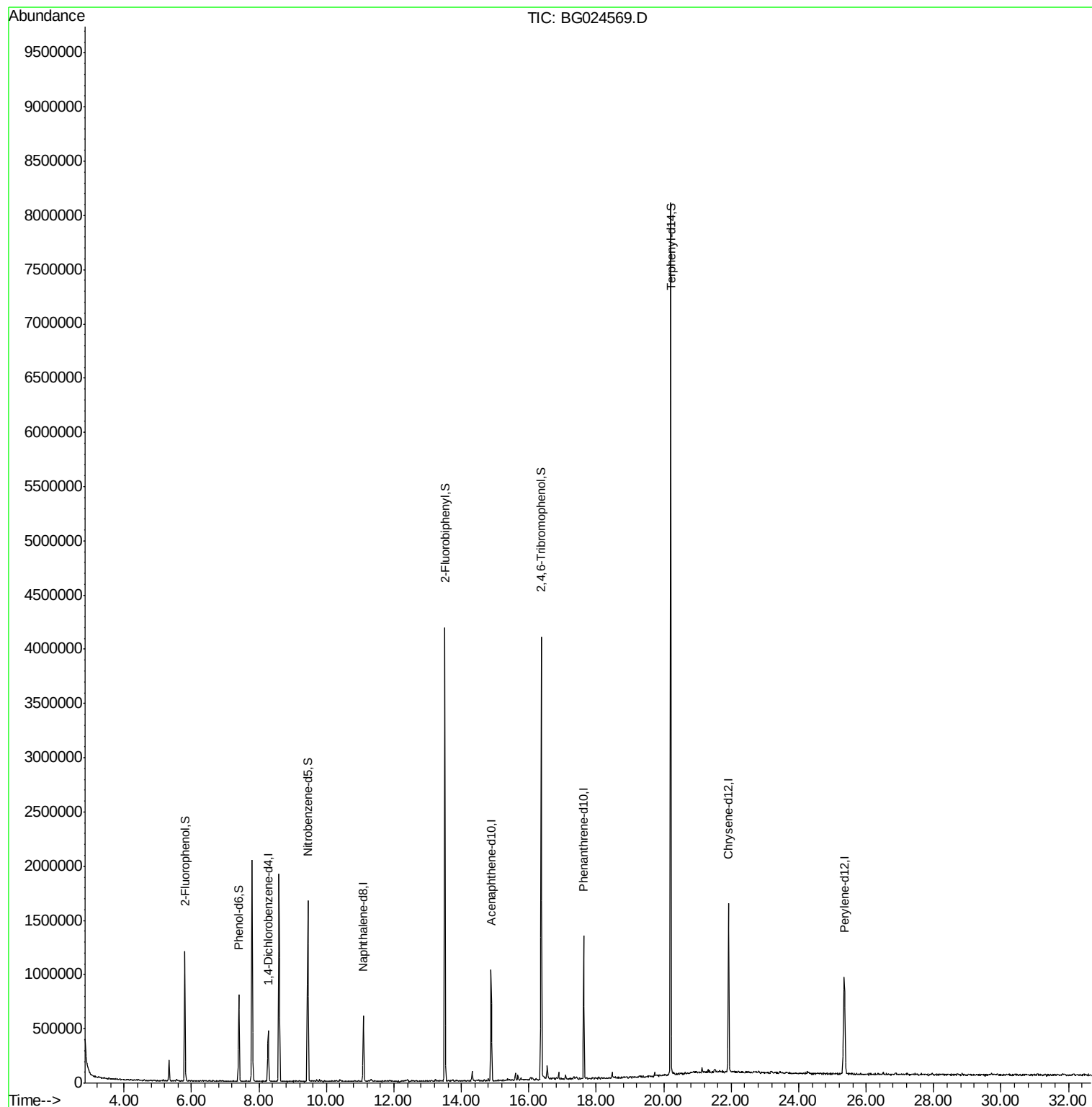
Target Compounds	Qvalue
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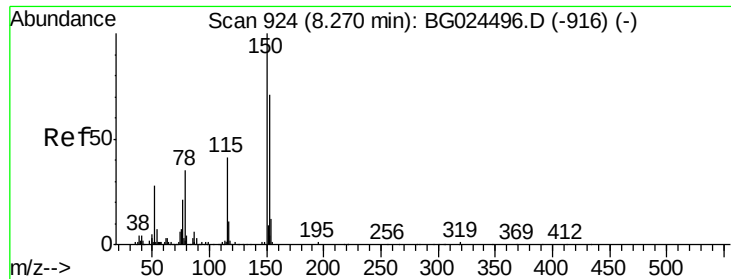
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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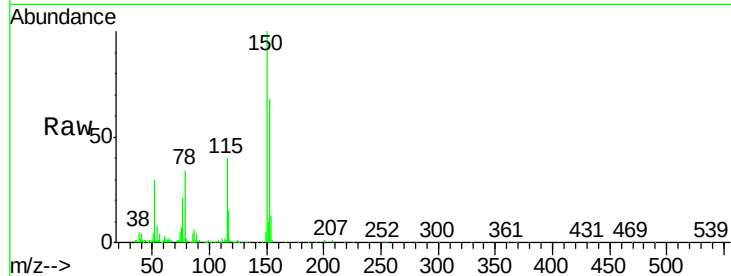


#1

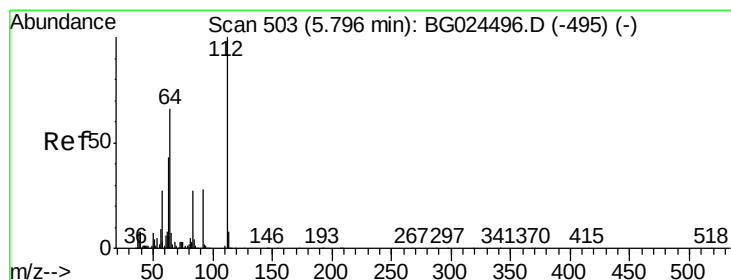
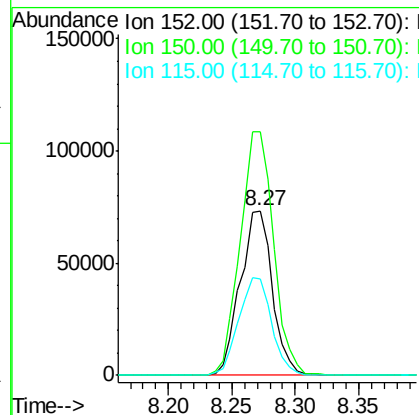
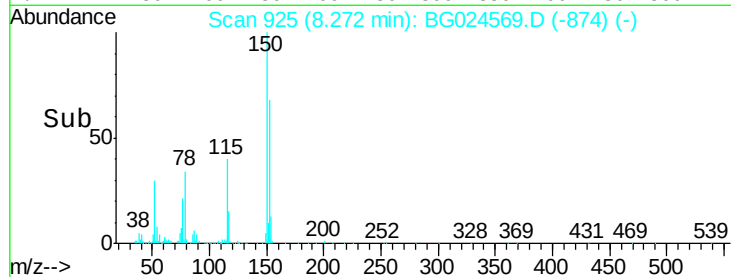
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG024569.D
 Acq: 31 Oct 2016 23:18

Instrument :
 BNA_G
 ClientSampleId :
 GW-9

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.8	114.0	171.0
115	58.5	48.1	72.1



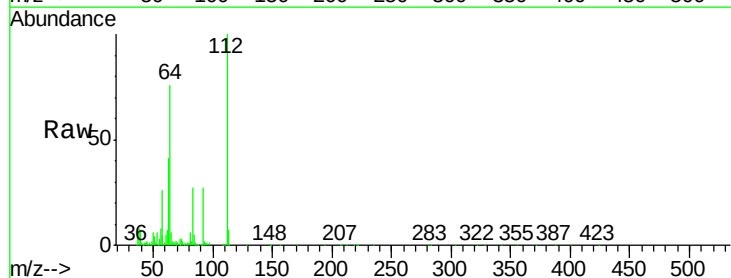
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



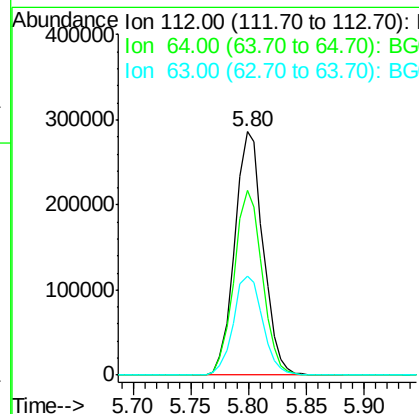
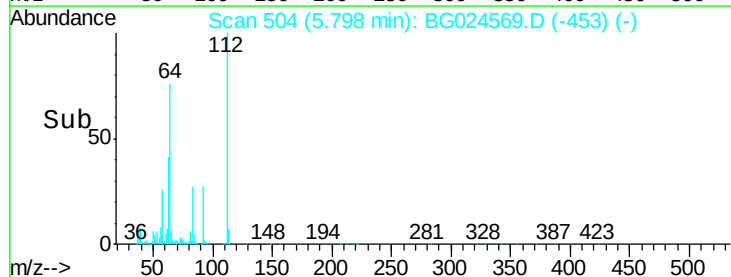
#5

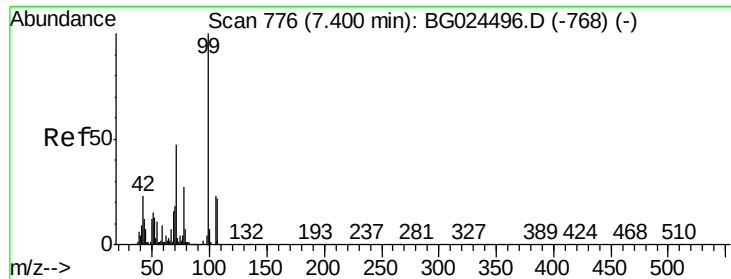
2-Fluorophenol
 Concen: 62.08 ng
 RT: 5.80 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BG024569.D
 Acq: 31 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	61.8	92.6
63	40.6	37.2	55.8



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





#7

Phenol-d6

Concen: 41.32 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

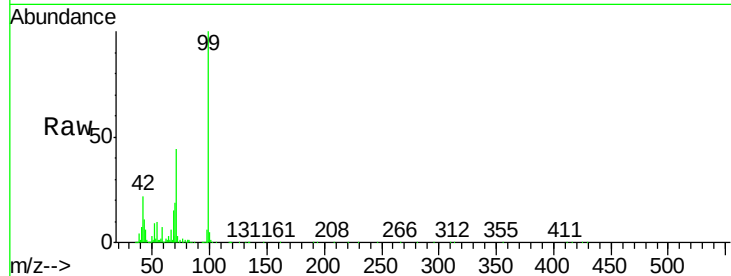
Tgt Ion: 99 Resp: 444324

Ion Ratio Lower Upper

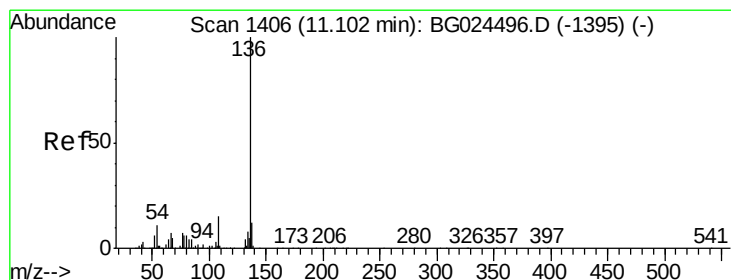
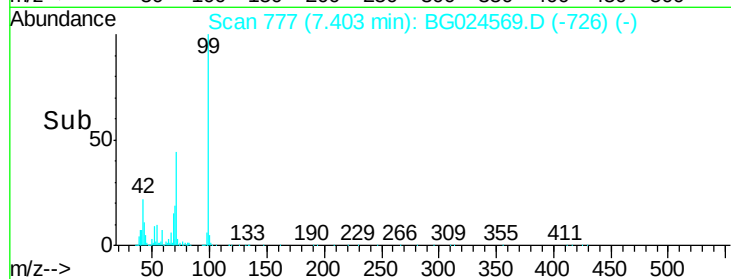
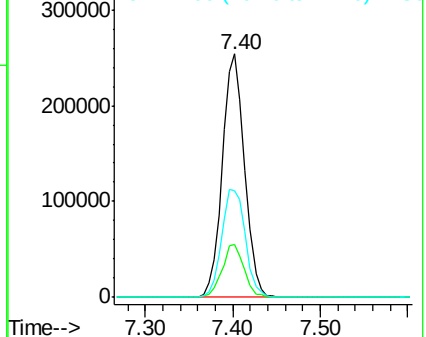
99 100

42 21.9 20.5 30.7

71 44.0 37.6 56.4



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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Tgt Ion: 136 Resp: 504166

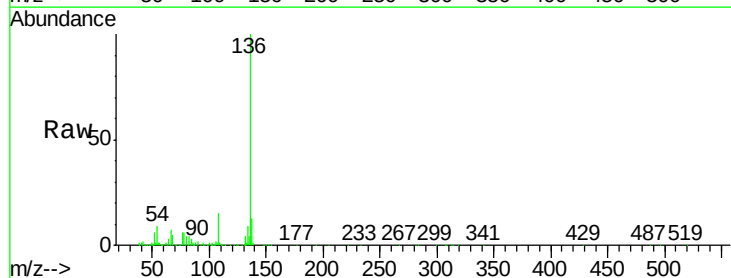
Ion Ratio Lower Upper

136 100

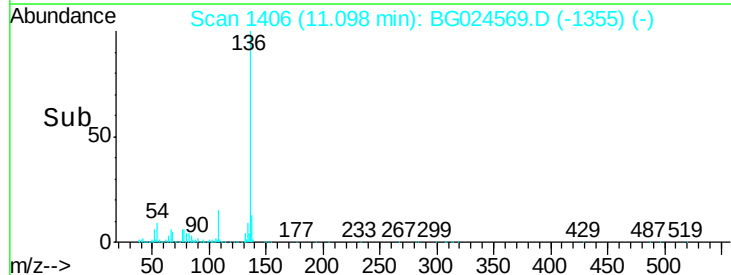
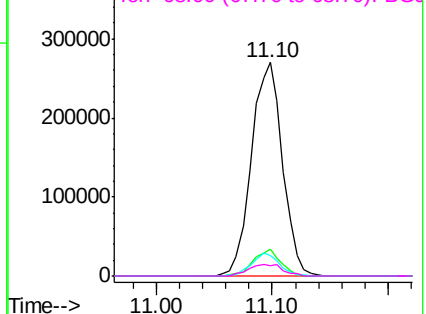
137 12.6 8.9 13.3

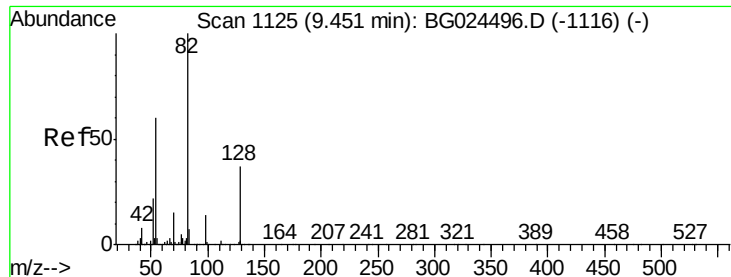
54 9.5 9.3 13.9

68 5.0 5.1 7.7#



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

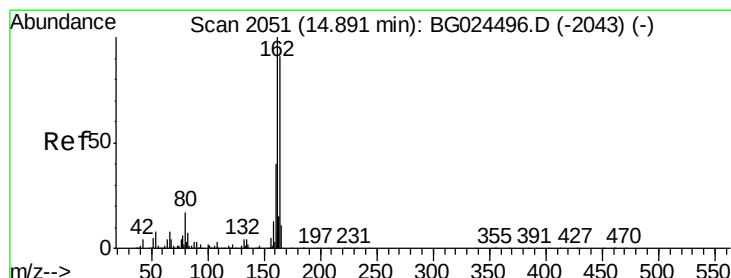
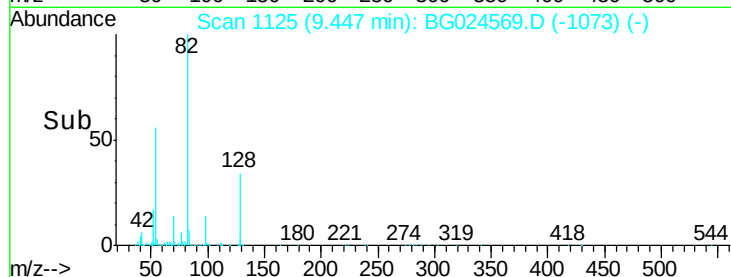
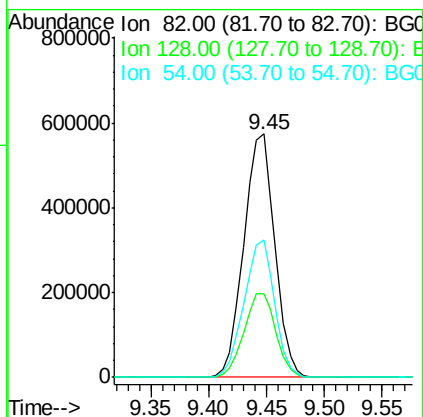
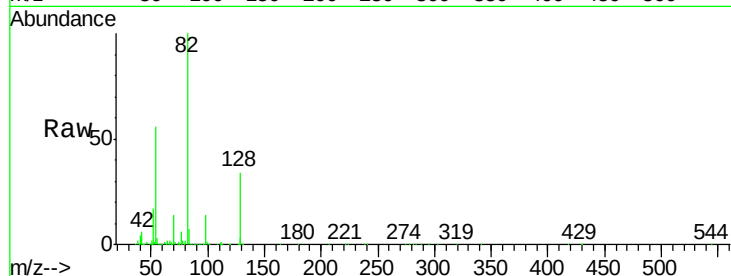




#23
Nitrobenzene-d5
Concen: 96.87 ng
RT: 9.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG024569.D
Acq: 31 Oct 2016 23:18

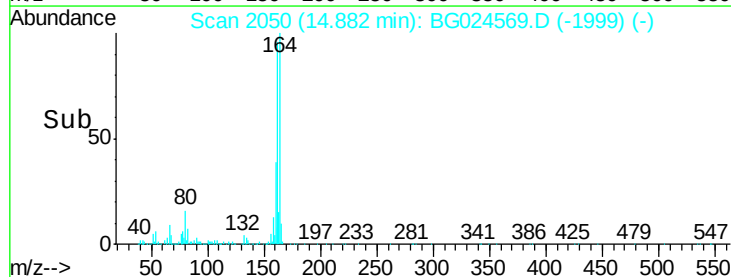
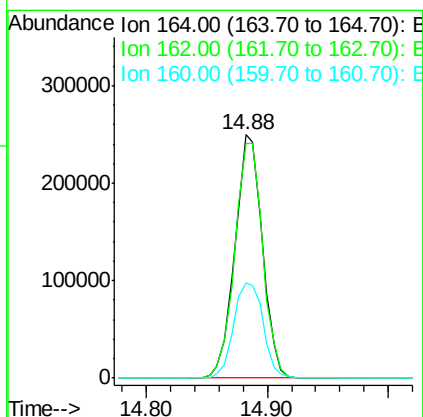
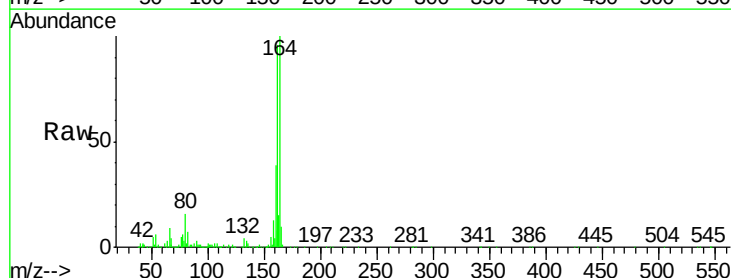
Instrument :
BNA_G
ClientSampleId :
GW-9

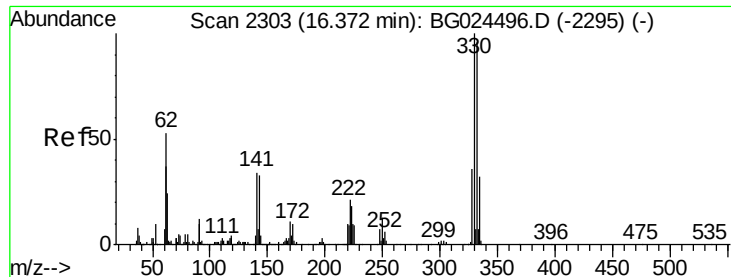
Tgt Ion: 82 Resp: 1072701
Ion Ratio Lower Upper
82 100
128 34.2 26.4 39.6
54 56.4 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG024569.D
Acq: 31 Oct 2016 23:18

Tgt Ion: 164 Resp: 394759
Ion Ratio Lower Upper
164 100
162 96.2 85.1 127.7
160 39.0 34.7 52.1

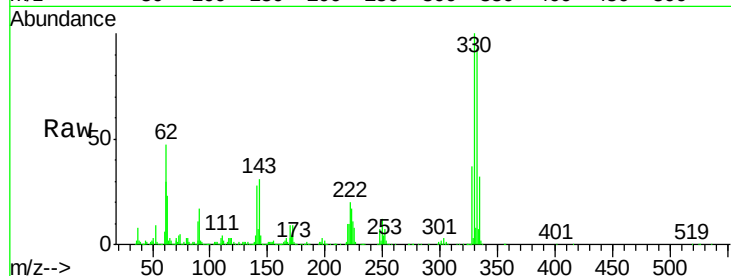




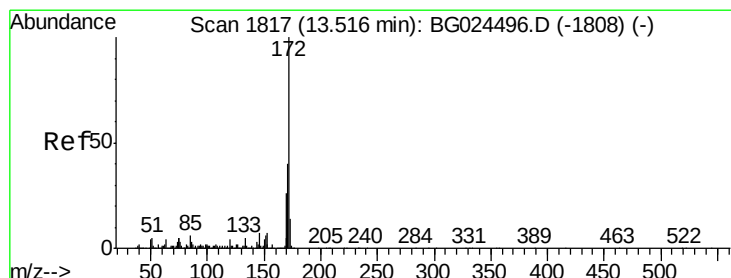
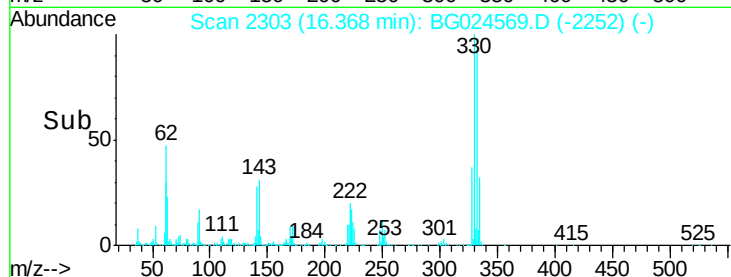
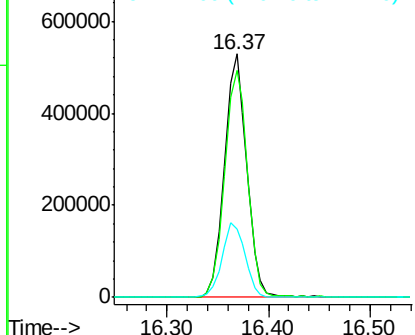
#41
 2,4,6-Tribromophenol
 Concen: 137.17 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024569.D
 Acq: 31 Oct 2016 23:18

Instrument :
 BNA_G
 ClientSampleId :
 GW-9

Tgt Ion:330 Resp: 808976
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 31.6 32.1 48.1#

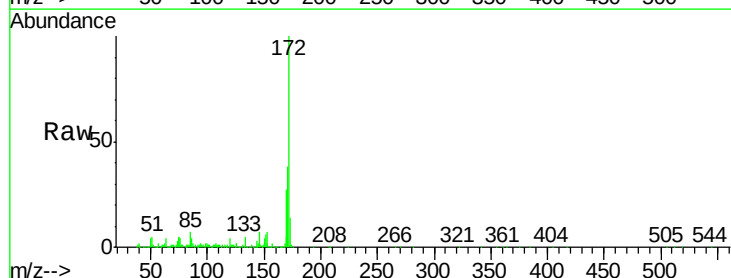


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

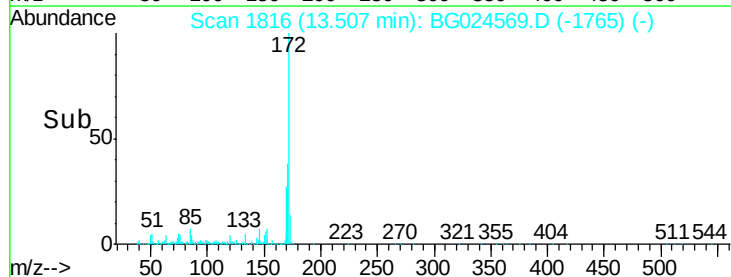
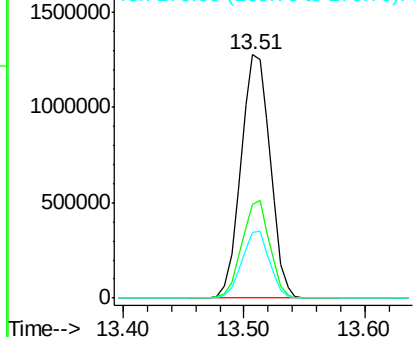


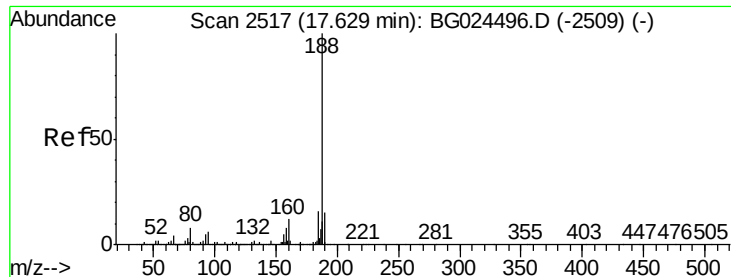
#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG024569.D
 Acq: 31 Oct 2016 23:18

Tgt Ion:172 Resp: 2158351
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 26.8 21.8 32.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

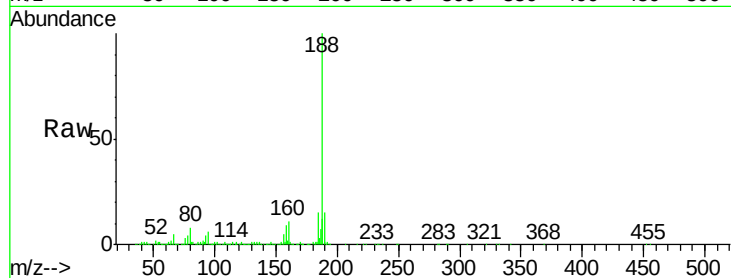
Tgt Ion:188 Resp: 825850

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

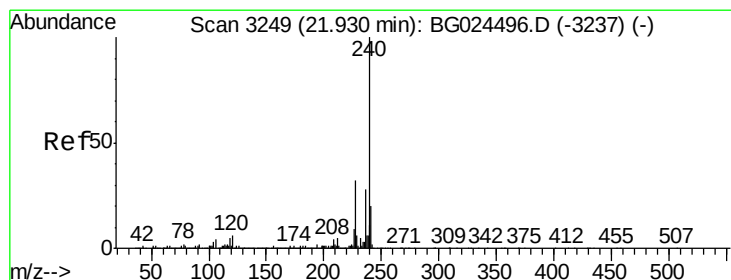
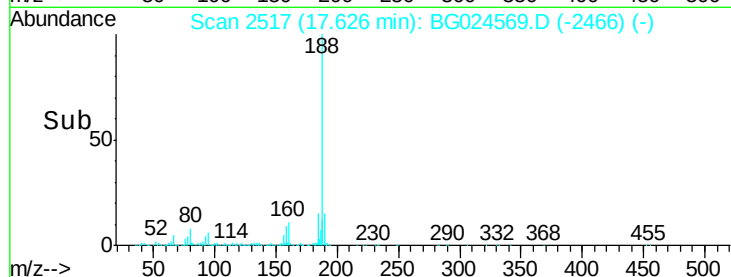
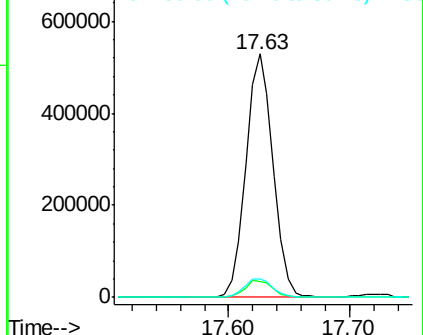
80 7.6 7.5 11.3



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: 21.92 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

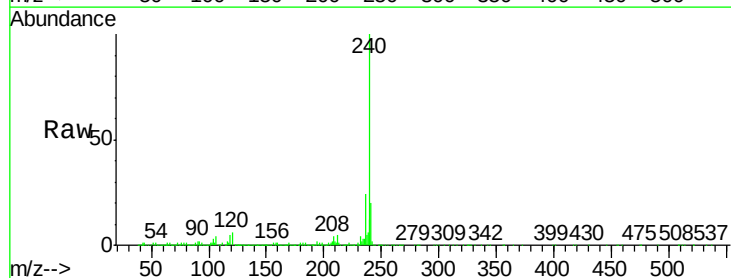
Tgt Ion:240 Resp: 1089980

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

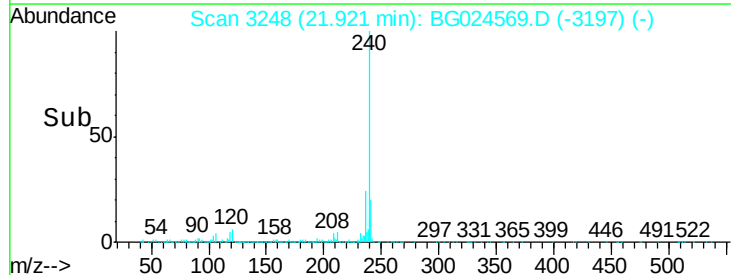
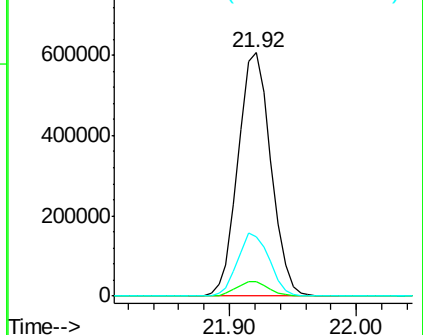
236 24.4 22.2 33.4

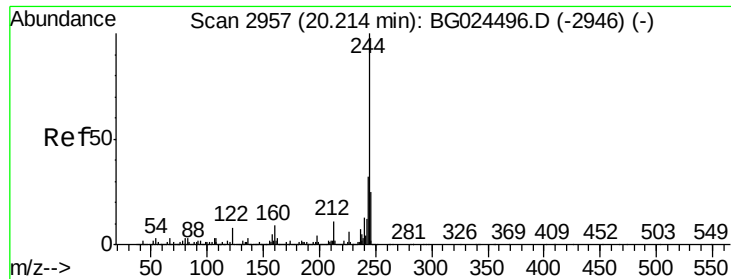


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.08 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampled :

GW-9

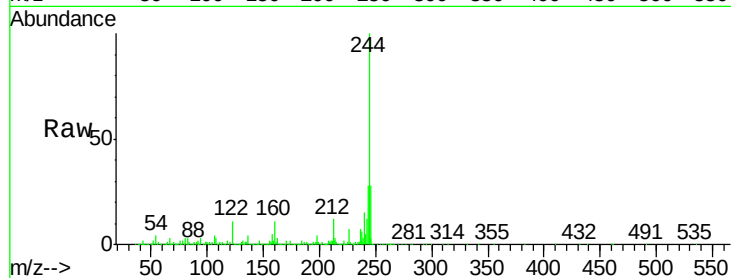
Tgt Ion:244 Resp: 3322404

Ion Ratio Lower Upper

244 100

212 11.9 10.0 15.0

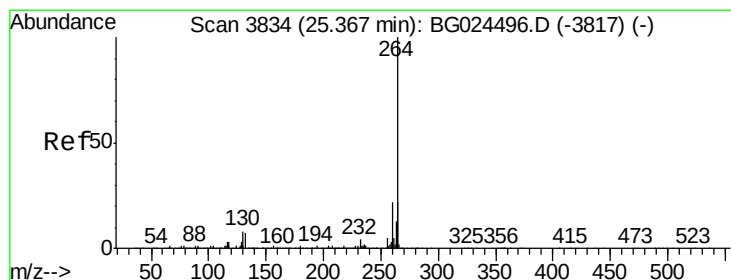
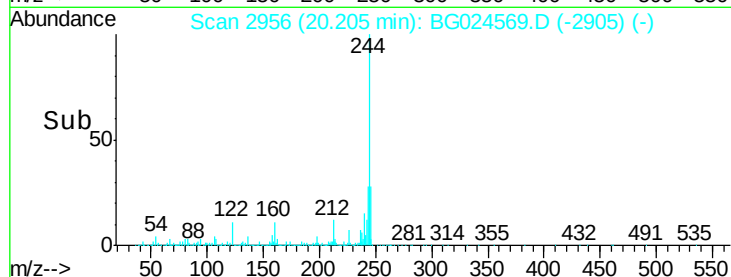
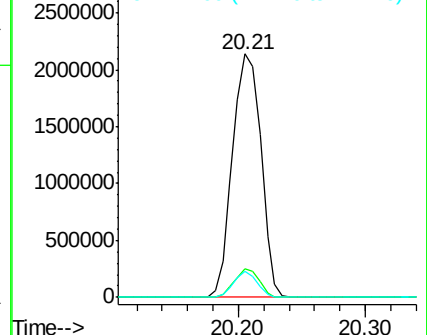
122 10.7 8.6 12.8



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: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

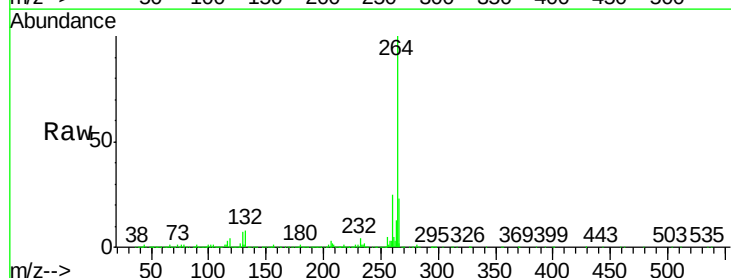
Tgt Ion:264 Resp: 1151237

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

265 22.8 18.2 27.4



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

