

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024587.D
 Acq On : 1 Nov 2016 11:29
 Operator : UM/SJ
 Sample : H5478-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SD-4

Quant Time: Nov 01 13:29:59 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

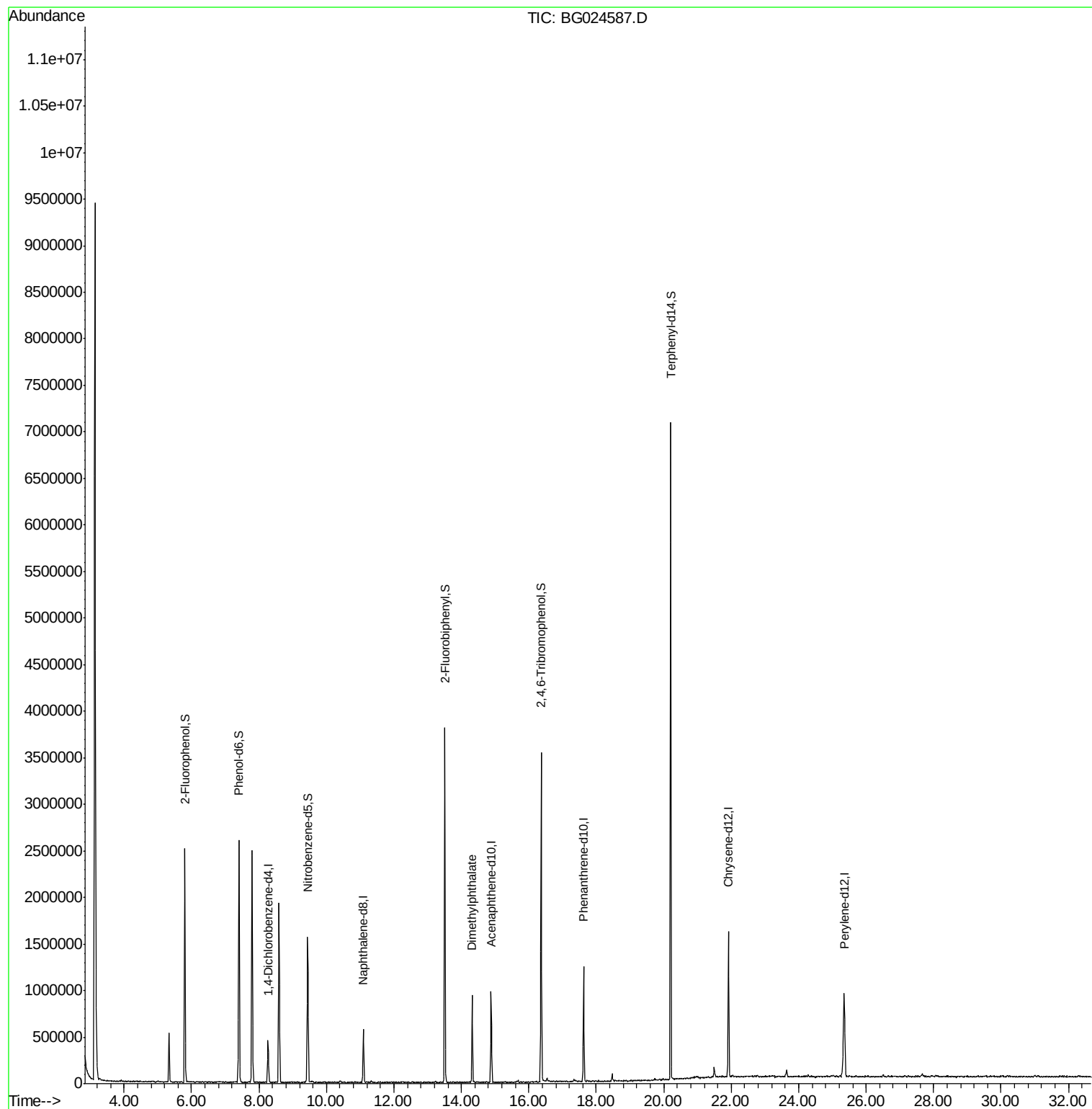
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	120415	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	477955	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	348067	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	783104	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1064355	20.00	ng	0.00
86) Perylene-d12	25.35	264	1103403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1017273	138.46	ng	0.00
7) Phenol-d6	7.40	99	1423419	141.24	ng	0.00
23) Nitrobenzene-d5	9.44	82	997674	95.04	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	710266	136.59	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1921673	91.76	ng	0.00
78) Terphenyl-d14	20.21	244	2902128	81.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	609635	24.67	ng	Qvalue 96

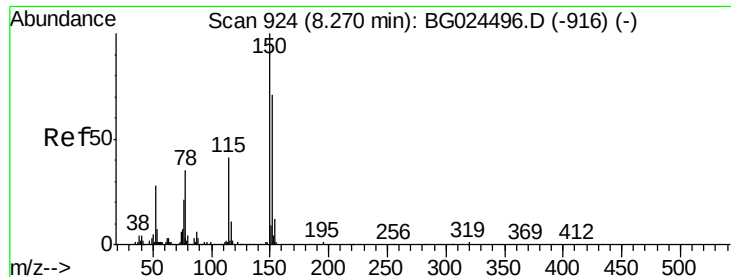
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:50:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

Instrument :

BNA_G

ClientSampleId :

SD-4

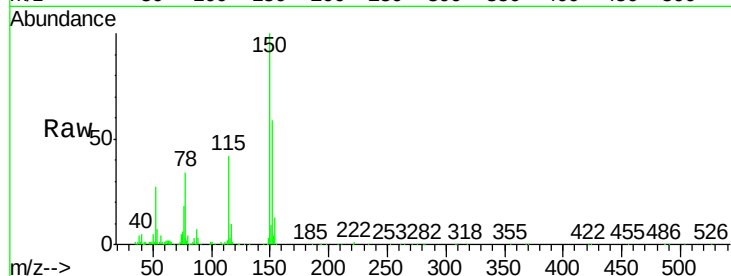
Tgt Ion:152 Resp: 120415

Ion Ratio Lower Upper

152 100

150 168.4 114.0 171.0

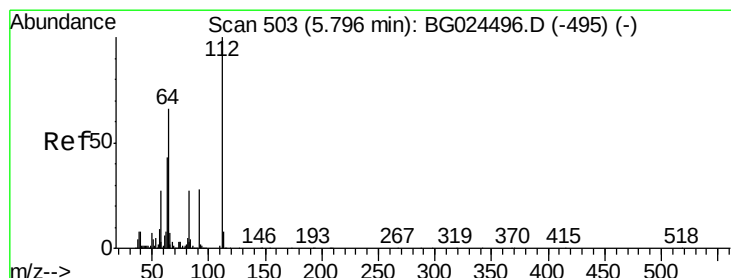
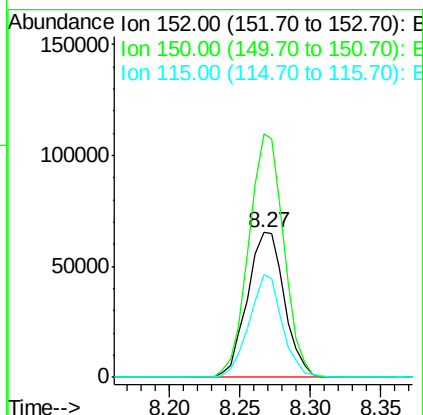
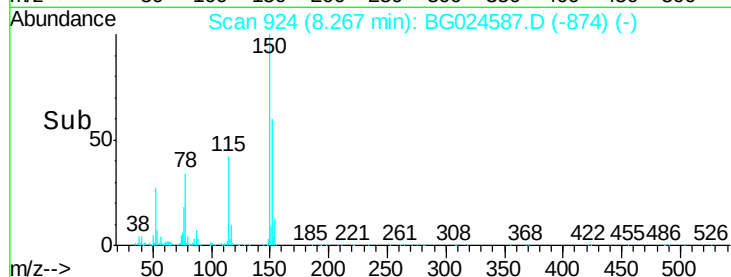
115 70.8 48.1 72.1



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: 138.46 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.00 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

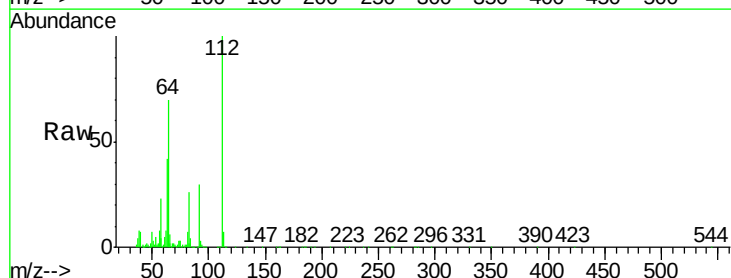
Tgt Ion:112 Resp: 1017273

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

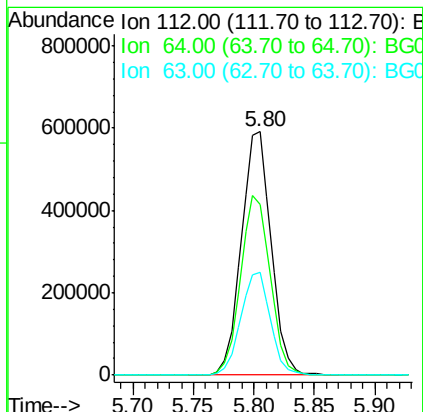
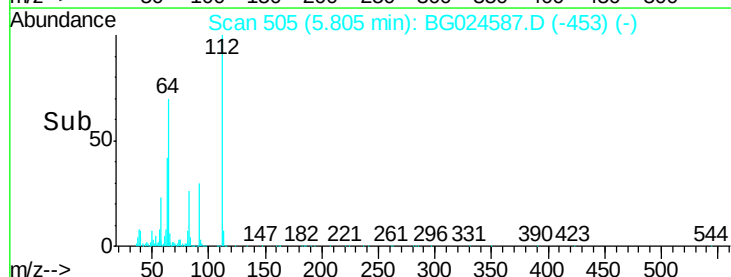
63 42.2 37.2 55.8

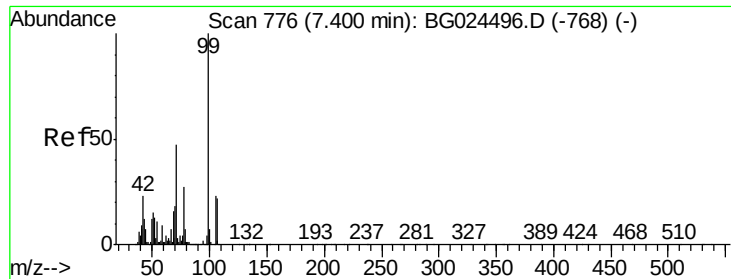


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 141.24 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

Instrument :

BNA_G

ClientSampled :

SD-4

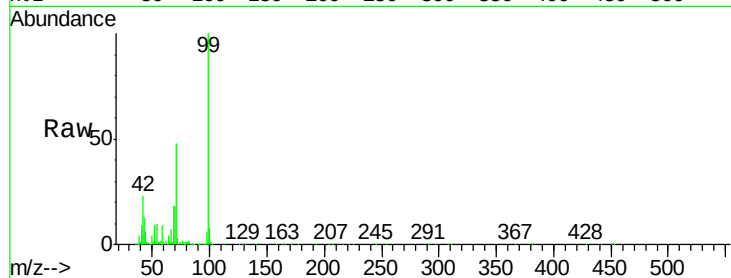
Tgt Ion: 99 Resp: 1423419

Ion Ratio Lower Upper

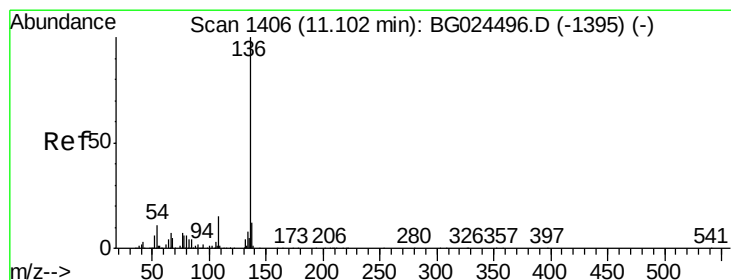
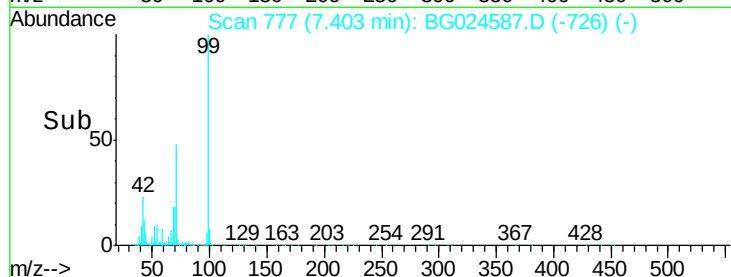
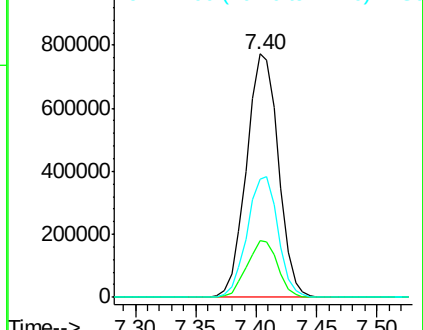
99 100

42 23.5 20.5 30.7

71 48.4 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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

Tgt Ion: 136 Resp: 477955

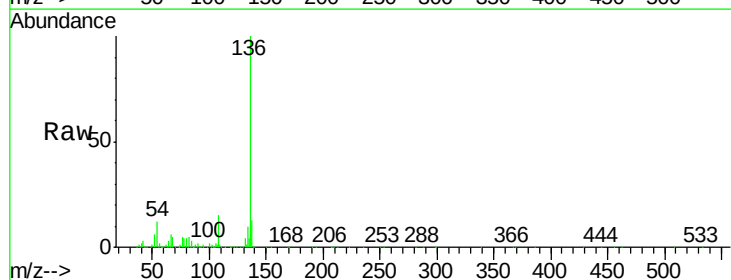
Ion Ratio Lower Upper

136 100

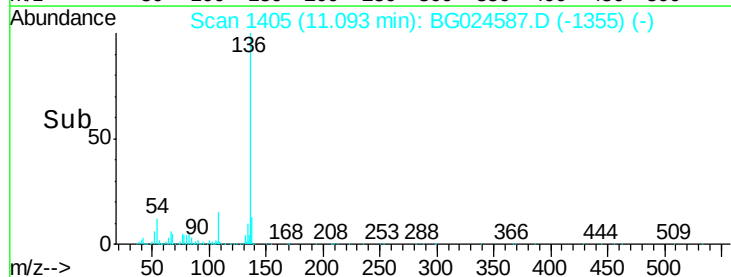
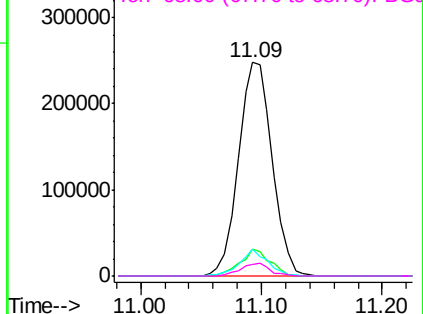
137 12.8 8.9 13.3

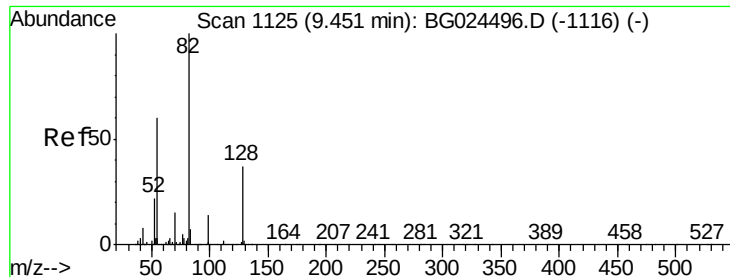
54 12.3 9.3 13.9

68 5.3 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

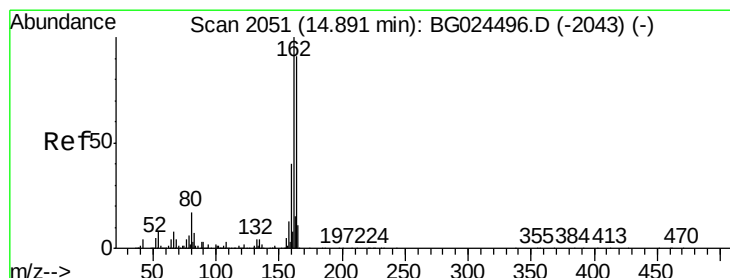
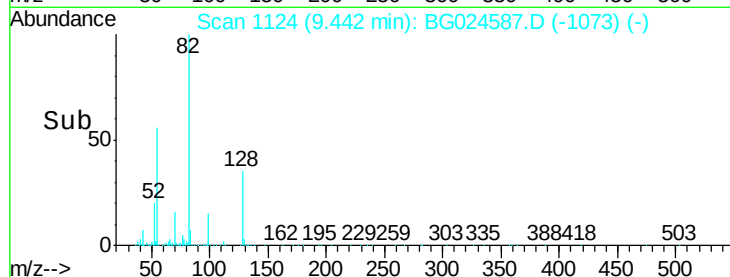
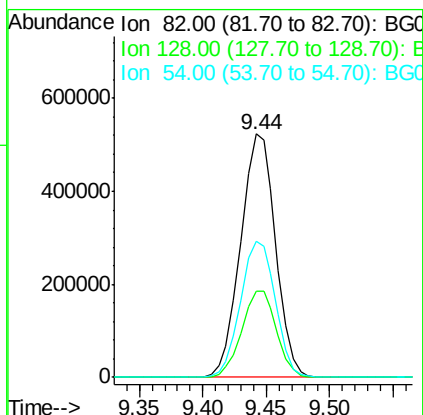
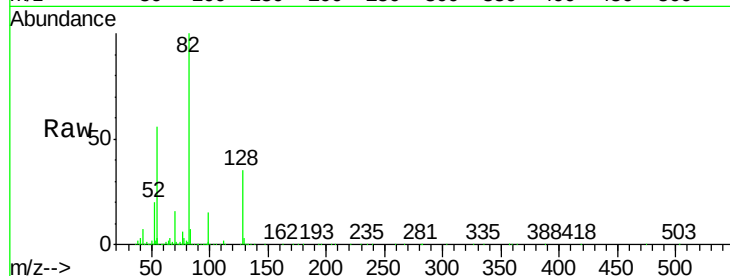




#23
Nitrobenzene-d5
Concen: 95.04 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG024587.D
Acq: 1 Nov 2016 11:29

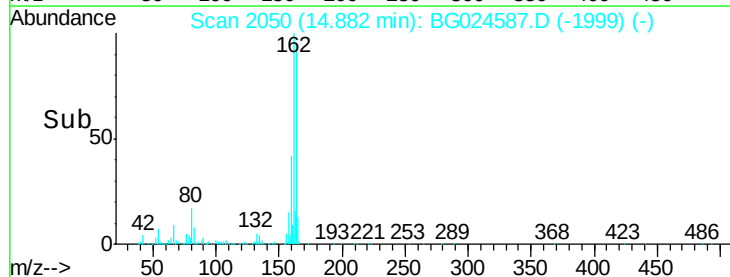
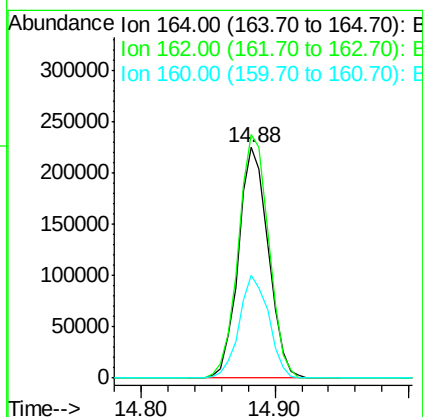
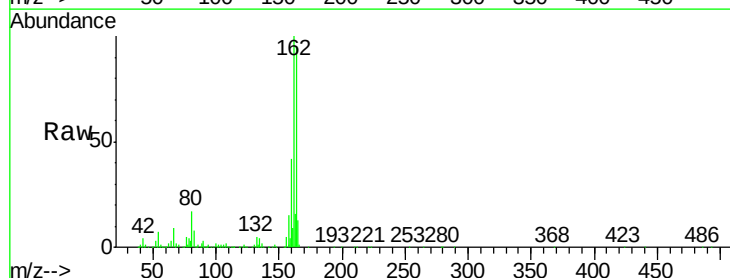
Instrument :
BNA_G
ClientSampleId :
SD-4

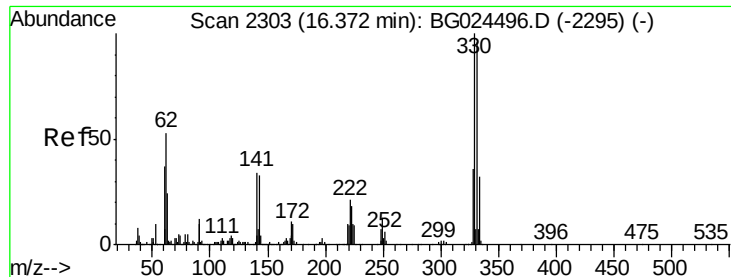
Tgt Ion: 82 Resp: 997674
Ion Ratio Lower Upper
82 100
128 35.3 26.4 39.6
54 55.8 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG024587.D
Acq: 1 Nov 2016 11:29

Tgt Ion: 164 Resp: 348067
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 44.8 34.7 52.1

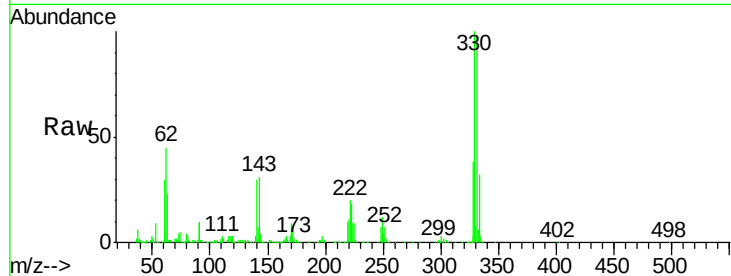




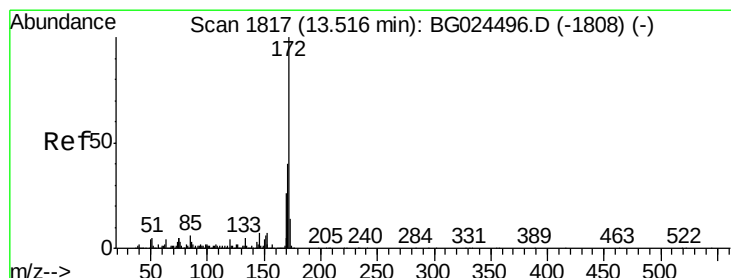
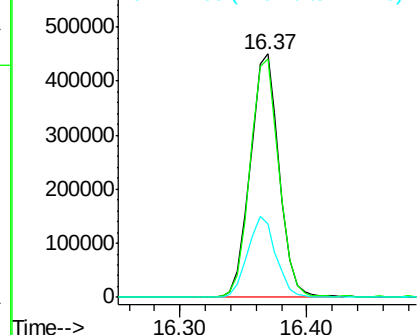
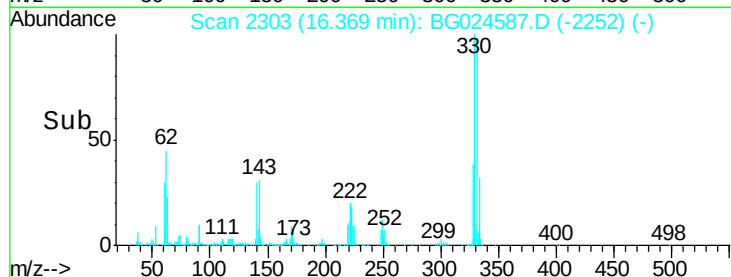
#41
 2,4,6-Tribromophenol
 Concen: 136.59 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024587.D
 Acq: 1 Nov 2016 11:29

Instrument :
 BNA_G
 ClientSampleId :
 SD-4

Tgt Ion:330 Resp: 710266
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.3 115.9
 141 32.6 32.1 48.1

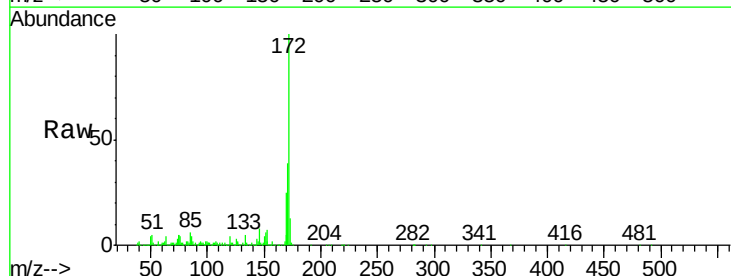


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

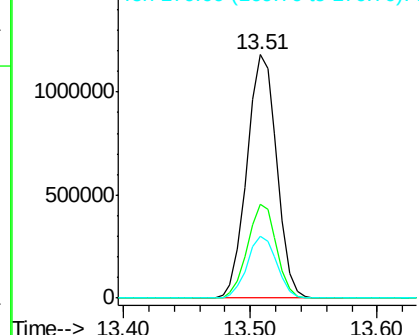
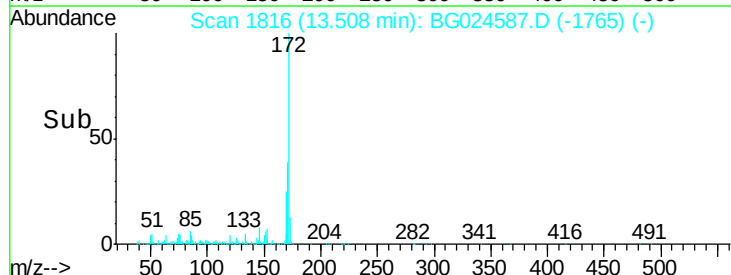


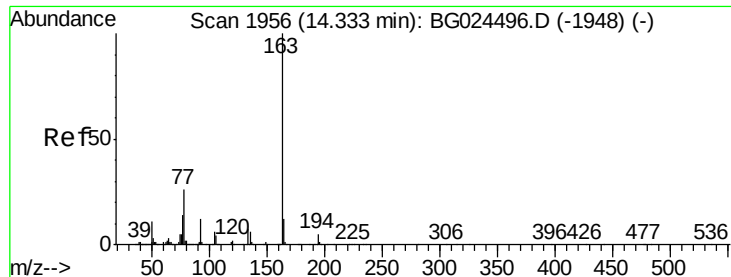
#44
 2-Fluorobiphenyl
 Concen: 91.76 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG024587.D
 Acq: 1 Nov 2016 11:29

Tgt Ion:172 Resp: 1921673
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.2 48.2
 170 25.4 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





#49

Dimethylphthalate

Concen: 24.67 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

Instrument :

BNA_G

ClientSampleId :

SD-4

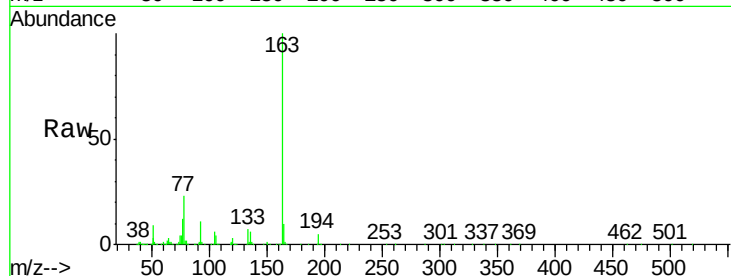
Tgt Ion:163 Resp: 609635

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

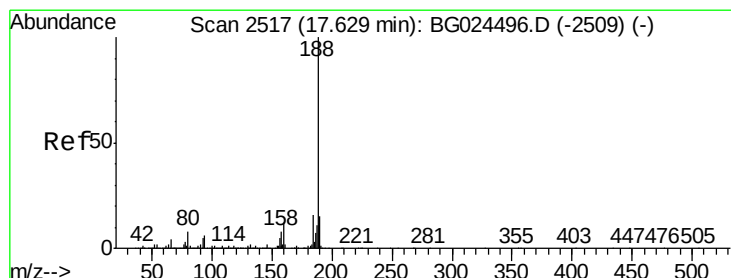
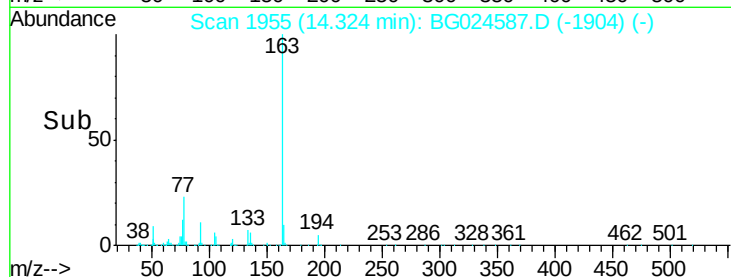
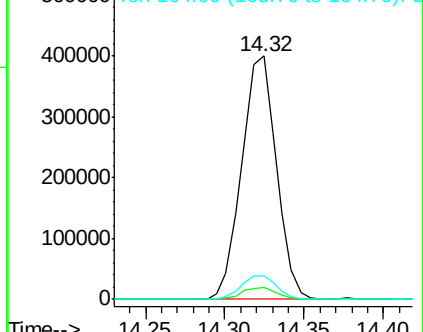
164 9.9 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

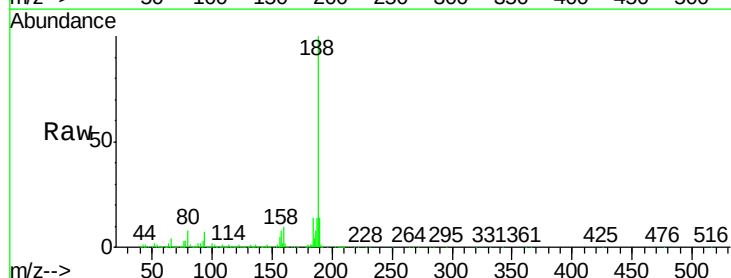
Tgt Ion:188 Resp: 783104

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

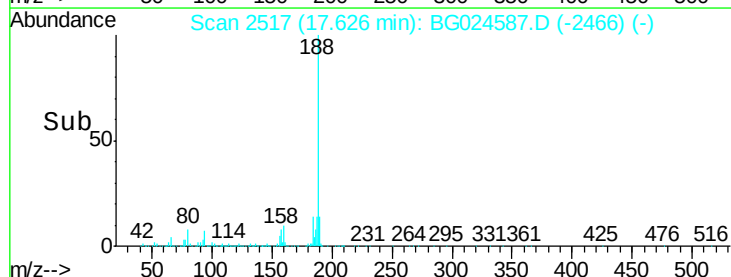
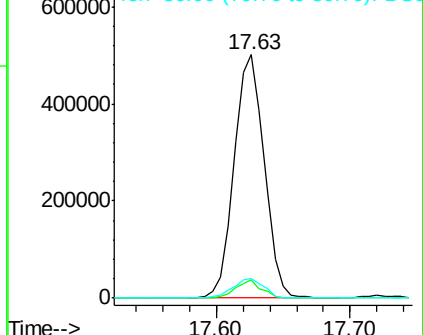
80 8.2 7.5 11.3

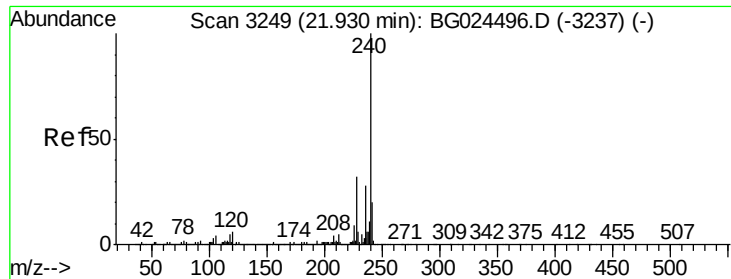


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3247

Delta R.T. -0.01 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

Instrument :

BNA_G

ClientSampleId :

SD-4

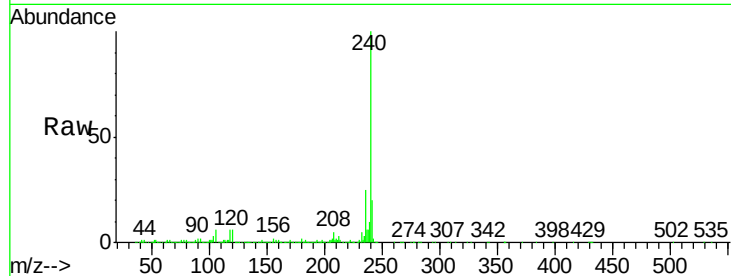
Tgt Ion:240 Resp: 1064355

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

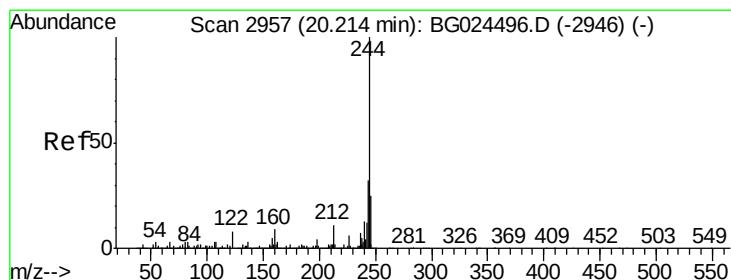
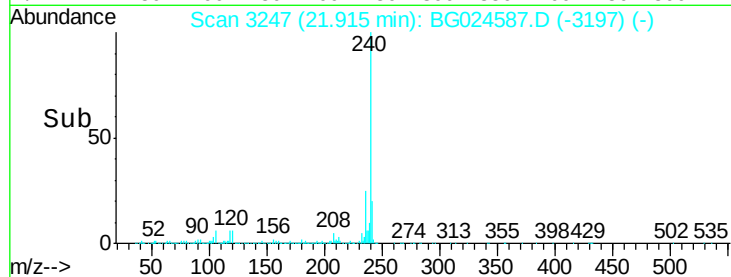
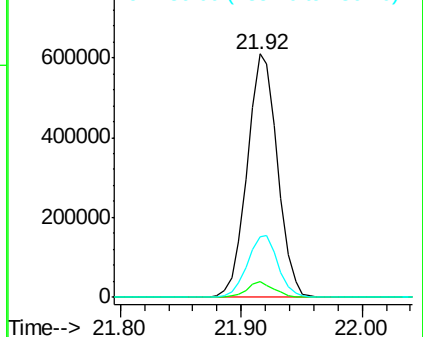
236 24.8 22.2 33.4



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: 81.48 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024587.D

Acq: 1 Nov 2016 11:29

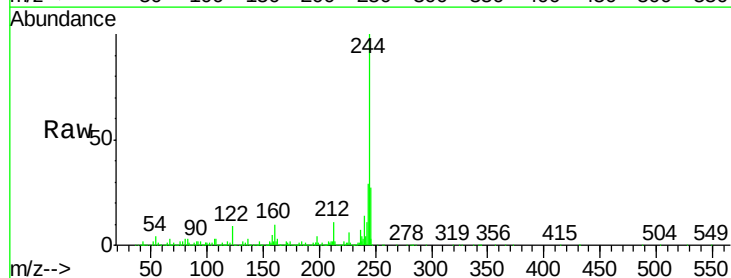
Tgt Ion:244 Resp: 2902128

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

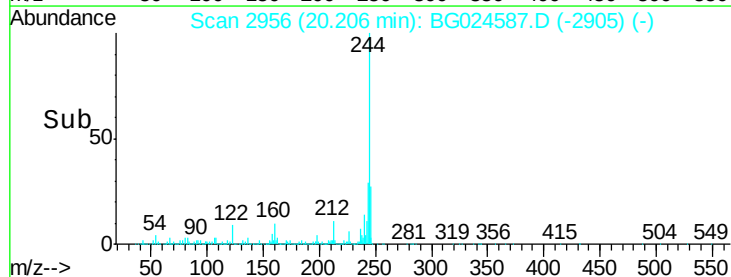
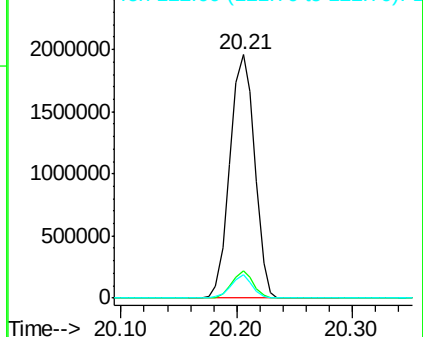
122 9.4 8.6 12.8

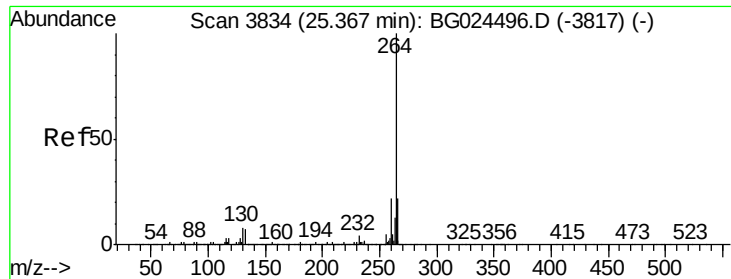


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3831
Delta R.T. -0.01 min
Lab File: BG024587.D
Acq: 1 Nov 2016 11:29

Instrument :
BNA_G
ClientSampleId :
SD-4

Tgt Ion: 264 Resp: 1103403

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.7	18.2	27.4

