

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110716\
 Data File : BG024733.D
 Acq On : 7 Nov 2016 17:49
 Operator : UM/SJ
 Sample : PB94572BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94572BL

Quant Time: Nov 08 00:02:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	101108	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	370744	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	288045	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	668141	20.00	ng	-0.01
75) Chrysene-d12	21.91	240	1023367	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1032517	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	722434	117.11	ng	0.00
7) Phenol-d6	7.40	99	1000720	118.26	ng	0.00
23) Nitrobenzene-d5	9.44	82	705894	86.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	569438	132.33	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	1501218	86.62	ng	-0.01
78) Terphenyl-d14	20.20	244	2851260	83.25	ng	-0.01

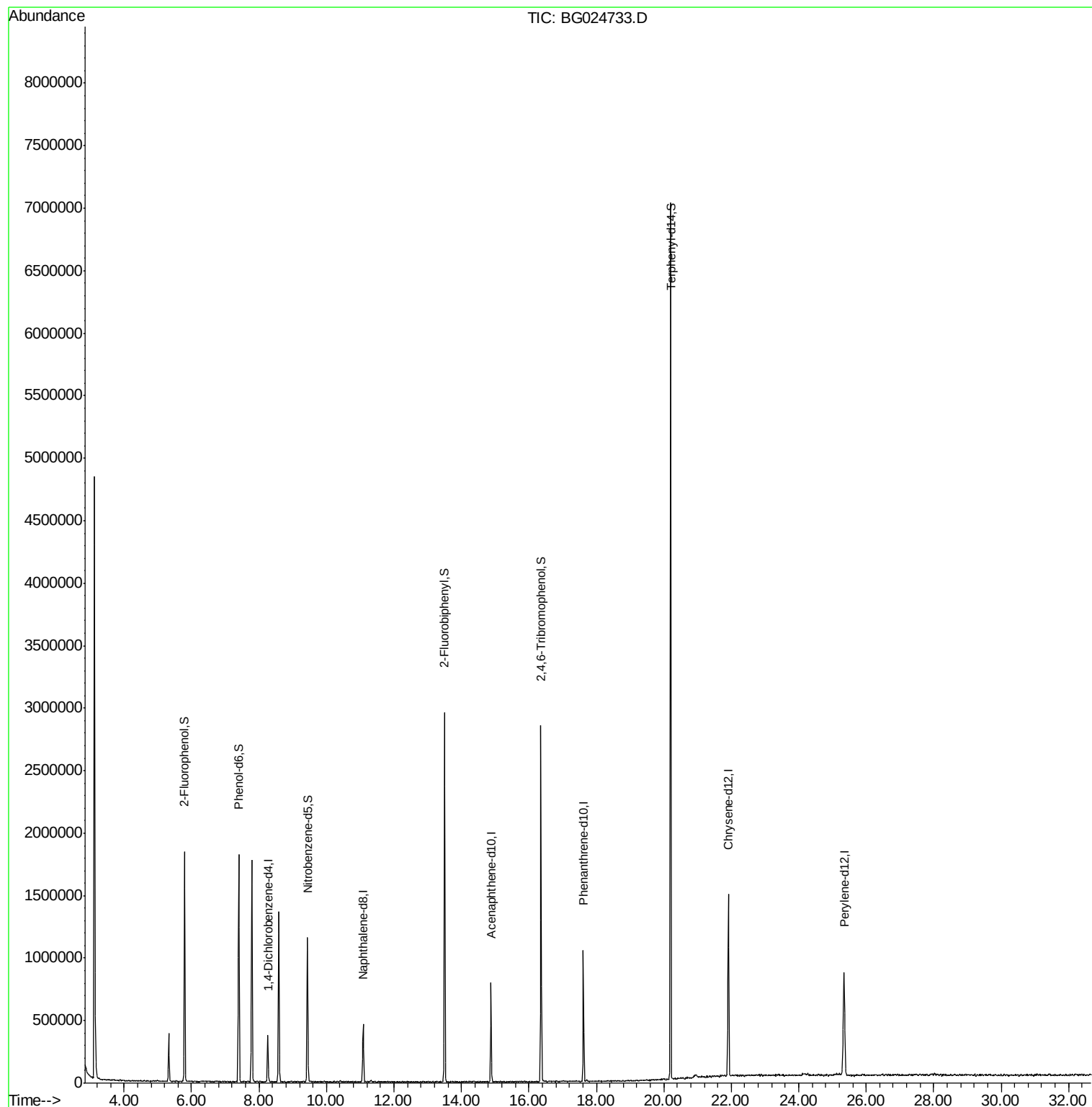
Target Compounds	Qvalue
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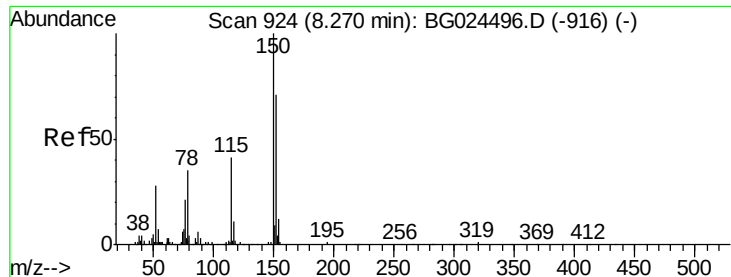
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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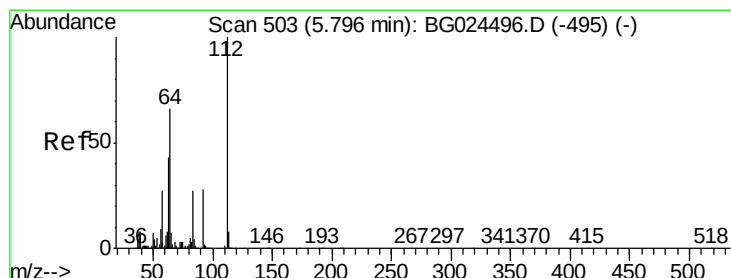
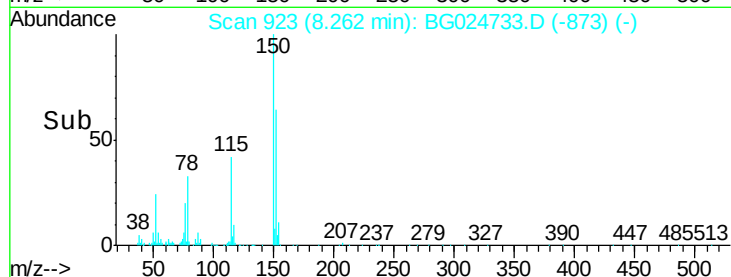
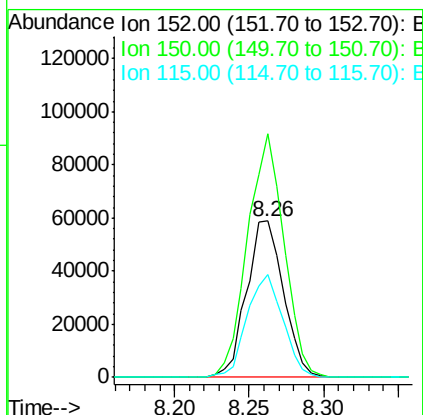
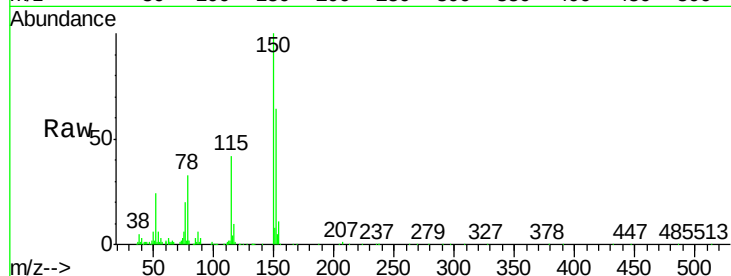


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Instrument :
BNA_G
ClientSampleId :
PB94572BL

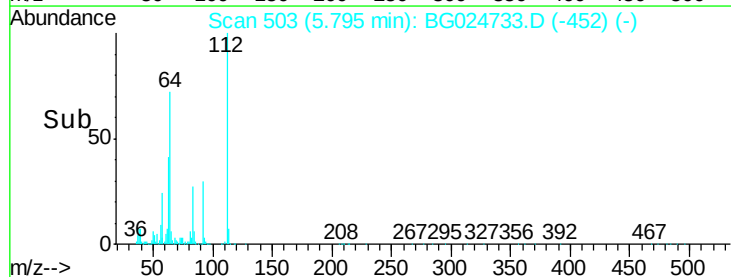
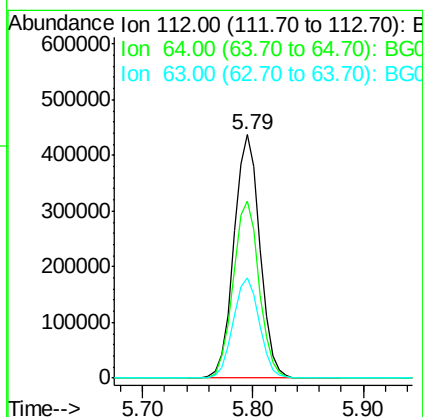
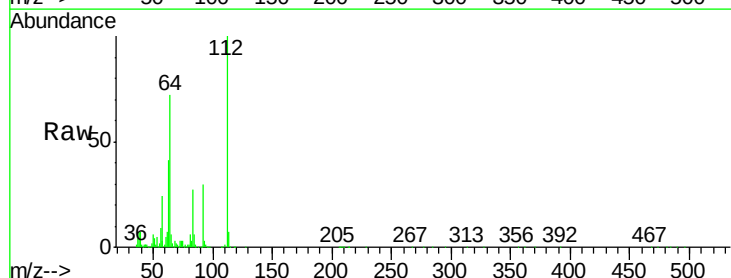
Tgt Ion:152 Resp: 101108
Ion Ratio Lower Upper
152 100
150 155.7 114.0 171.0
115 65.9 48.1 72.1

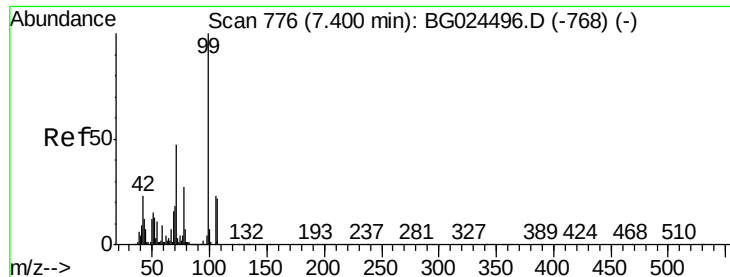


#5

2-Fluorophenol
Concen: 117.11 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:112 Resp: 722434
Ion Ratio Lower Upper
112 100
64 72.5 61.8 92.6
63 41.3 37.2 55.8





#7

Phenol-d6

Concen: 118.26 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

Instrument :

BNA_G

ClientSampleId :

PB94572BL

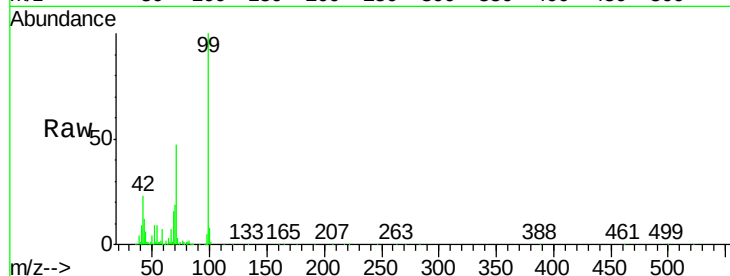
Tgt Ion: 99 Resp: 1000720

Ion Ratio Lower Upper

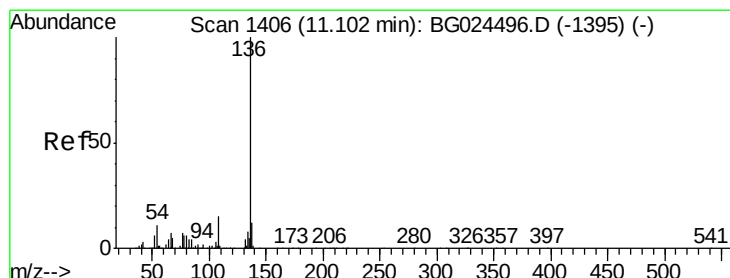
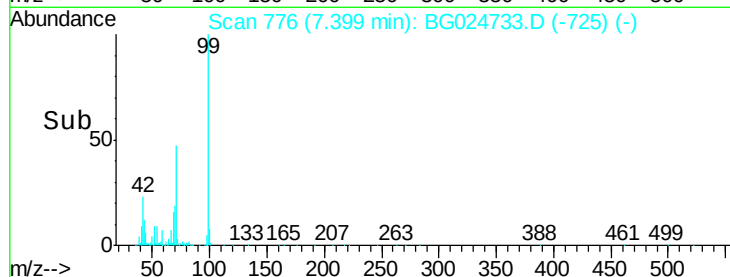
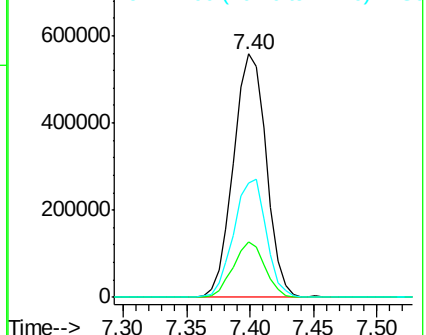
99 100

42 22.6 20.5 30.7

71 47.0 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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

Tgt Ion: 136 Resp: 370744

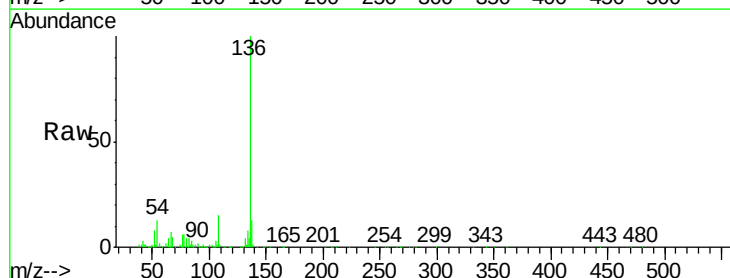
Ion Ratio Lower Upper

136 100

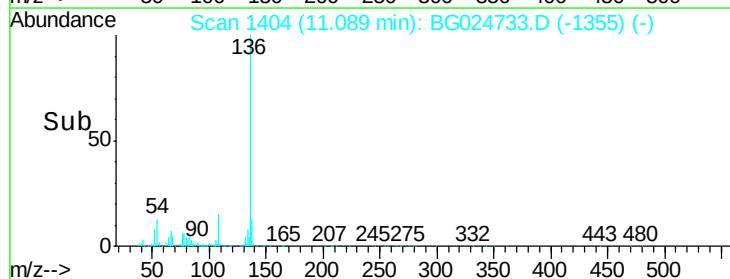
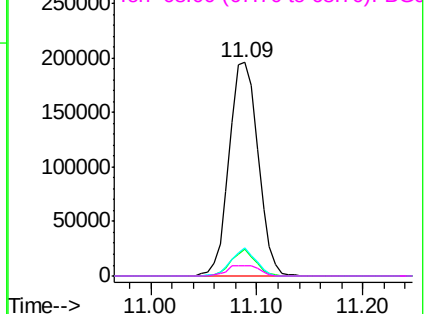
137 12.8 8.9 13.3

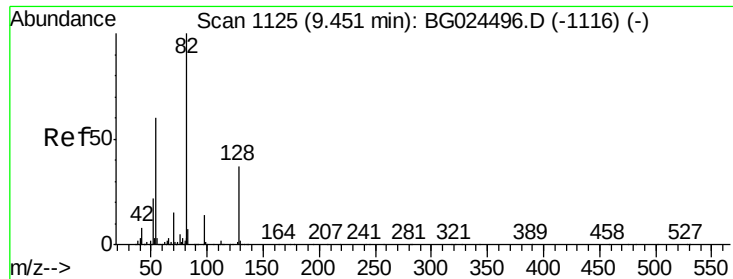
54 13.2 9.3 13.9

68 5.1 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

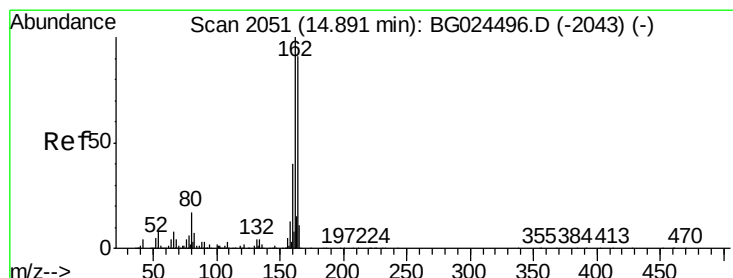
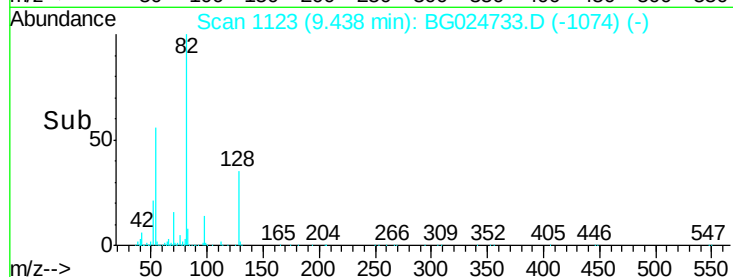
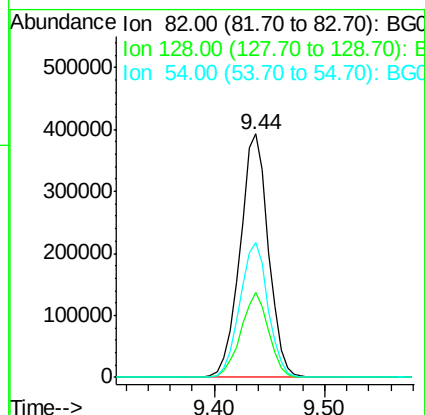
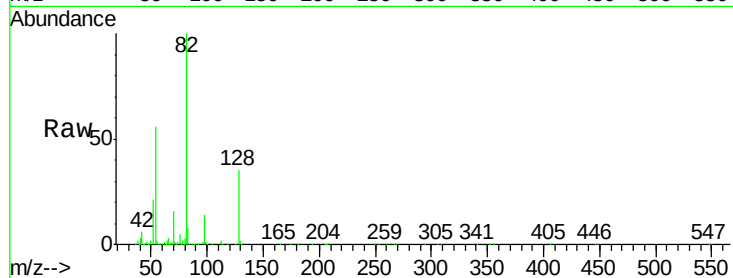




#23
 Nitrobenzene-d5
 Concen: 86.69 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024733.D
 Acq: 7 Nov 2016 17:49

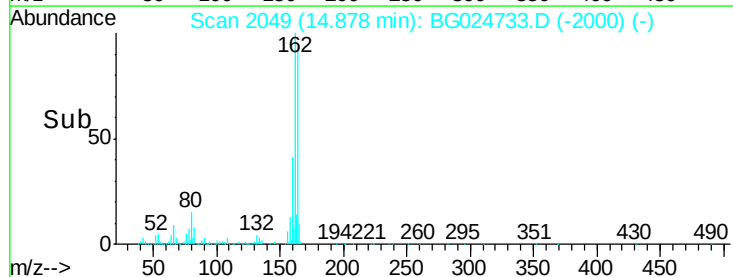
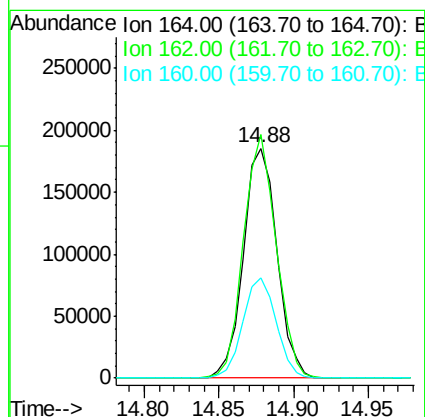
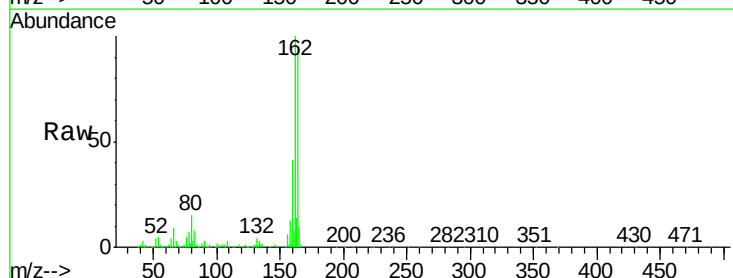
Instrument :
 BNA_G
 ClientSampleId :
 PB94572BL

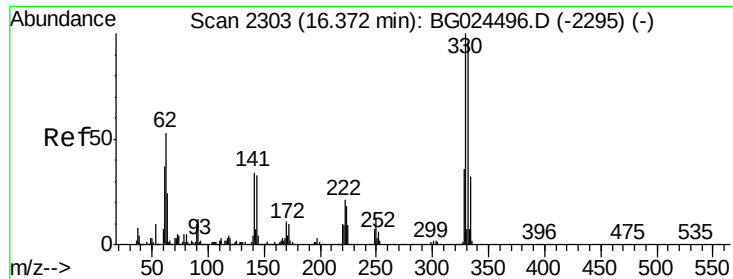
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.4	39.6
54	55.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024733.D
 Acq: 7 Nov 2016 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	43.6	34.7	52.1

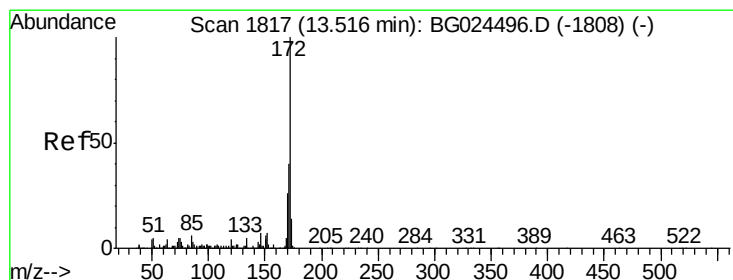
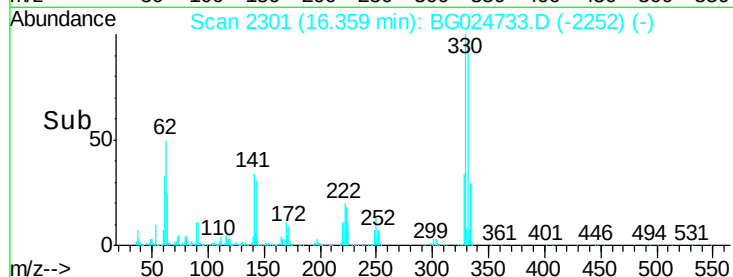
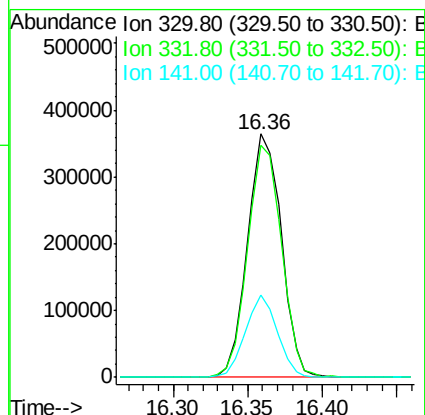
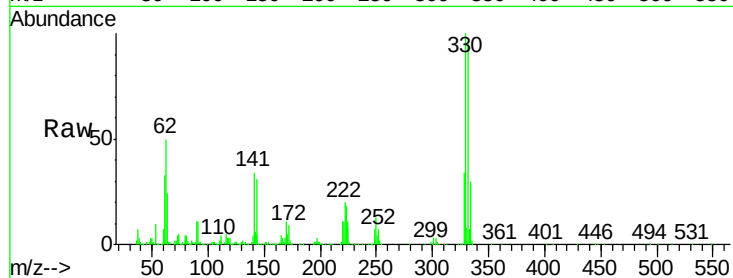




#41
 2,4,6-Tribromophenol
 Concen: 132.33 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG024733.D
 Acq: 7 Nov 2016 17:49

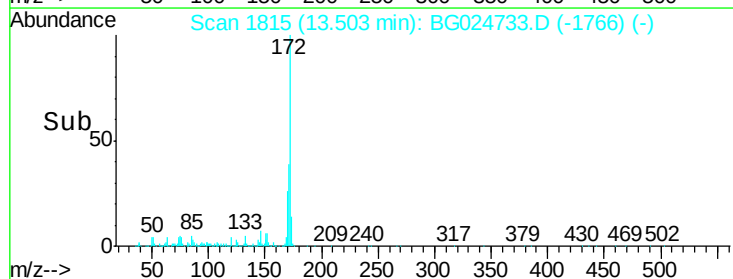
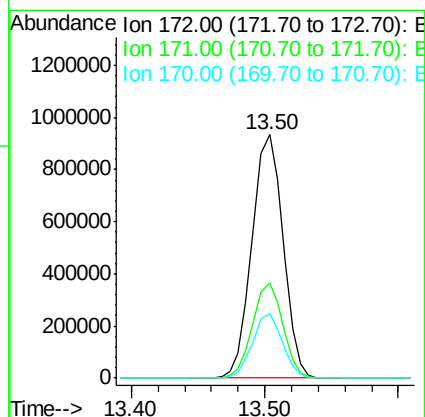
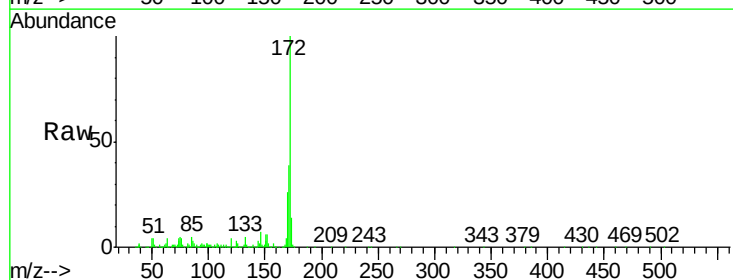
Instrument :
 BNA_G
 ClientSampleId :
 PB94572BL

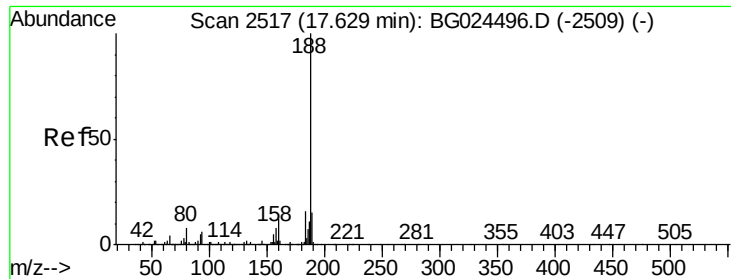
Tgt Ion:330 Resp: 569438
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 86.62 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024733.D
 Acq: 7 Nov 2016 17:49

Tgt Ion:172 Resp: 1501218
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.2 48.2
 170 26.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

Instrument :

BNA_G

ClientSampleId :

PB94572BL

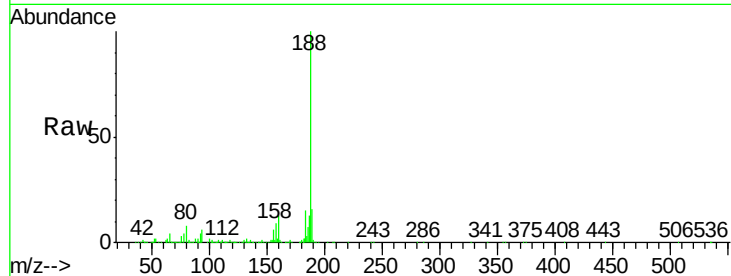
Tgt Ion:188 Resp: 668141

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

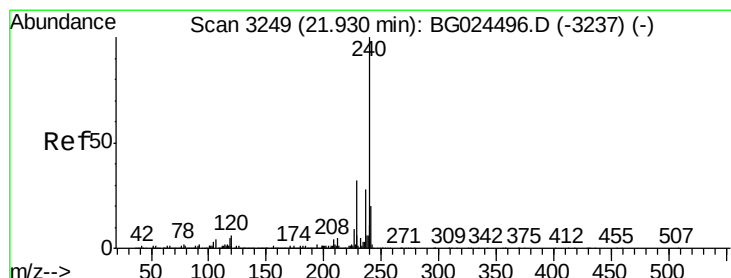
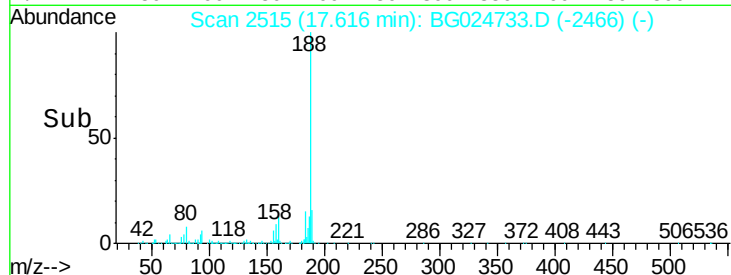
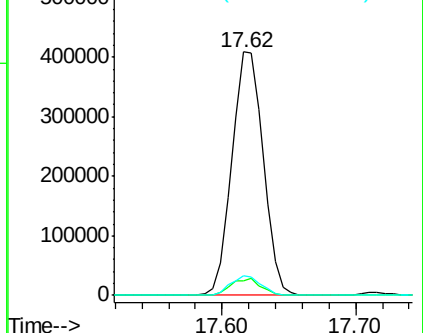
80 8.0 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

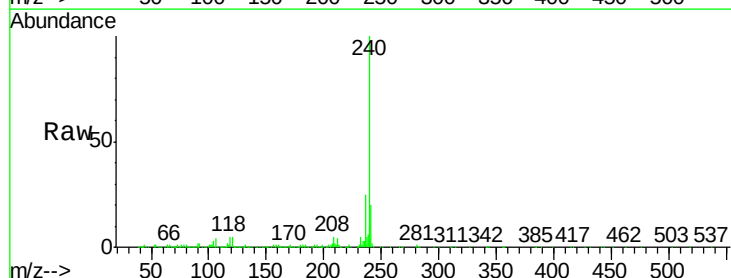
Tgt Ion:240 Resp: 1023367

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

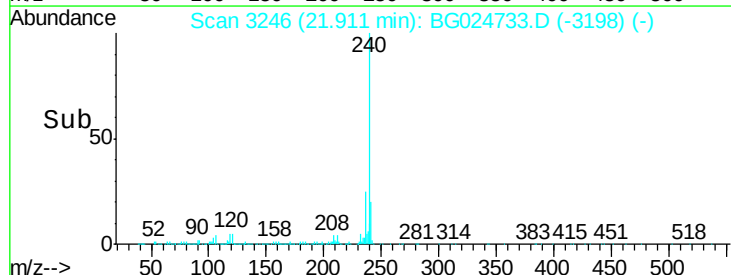
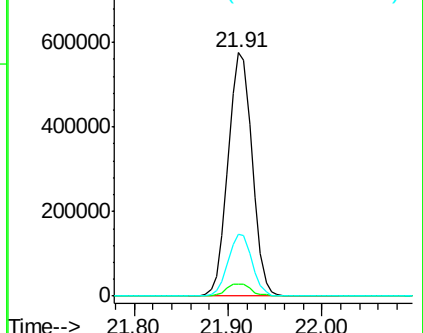
236 25.3 22.2 33.4

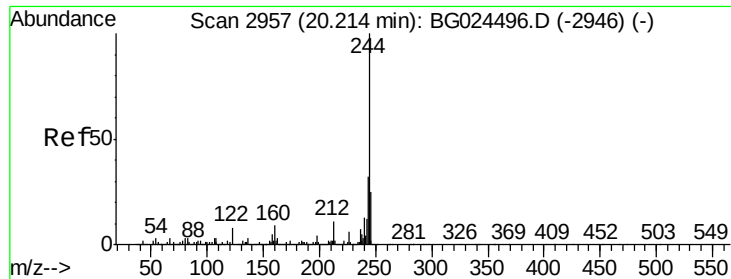


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.25 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

Instrument :

BNA_G

ClientSampleId :

PB94572BL

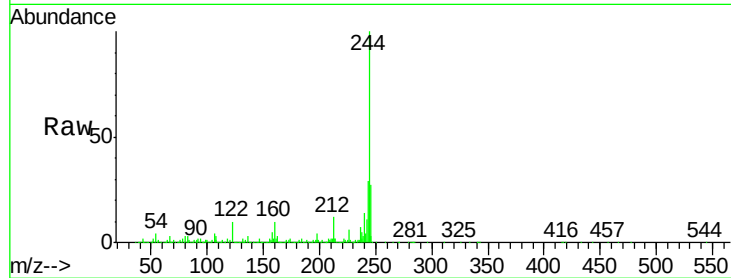
Tgt Ion:244 Resp: 2851260

Ion Ratio Lower Upper

244 100

212 11.5 10.0 15.0

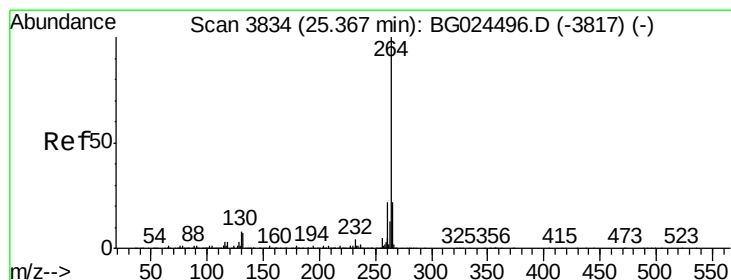
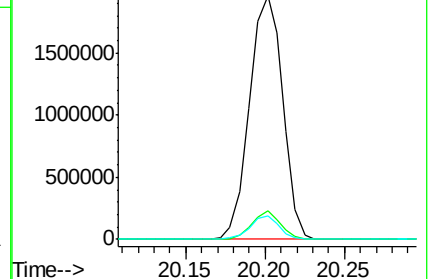
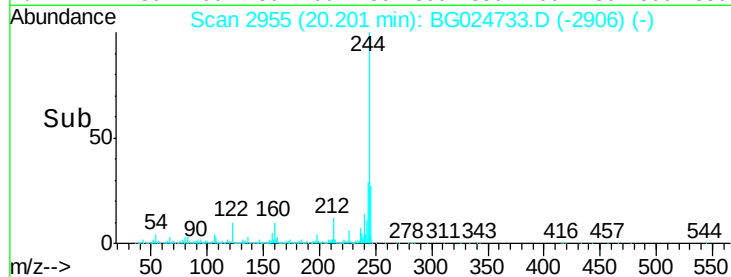
122 9.6 8.6 12.8



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: 25.34 min Scan# 3829

Delta R.T. -0.03 min

Lab File: BG024733.D

Acq: 7 Nov 2016 17:49

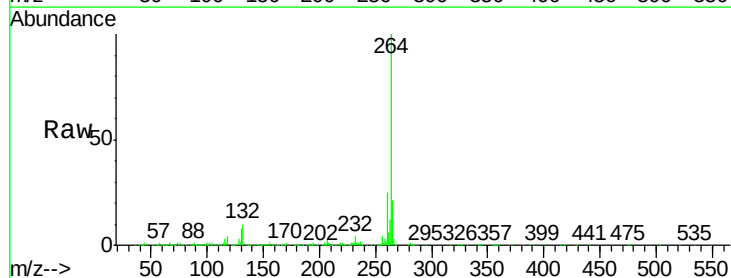
Tgt Ion:264 Resp: 1032517

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 21.2 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

