

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024533.D
 Acq On : 27 Oct 2016 22:47
 Operator : UM/SJ
 Sample : H5434-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Oct 28 02:15:35 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	8.27	152	118951	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	446083	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	336790	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	720349	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1015692	20.00	ng	0.00
86) Perylene-d12	25.36	264	1078847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	263551	36.31	ng	0.00
7) Phenol-d6	7.40	99	236516	23.76	ng	0.00
23) Nitrobenzene-d5	9.45	82	1103025	112.58	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	407316	80.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2132484	105.24	ng	0.00
78) Terphenyl-d14	20.21	244	3064168	90.15	ng	0.00

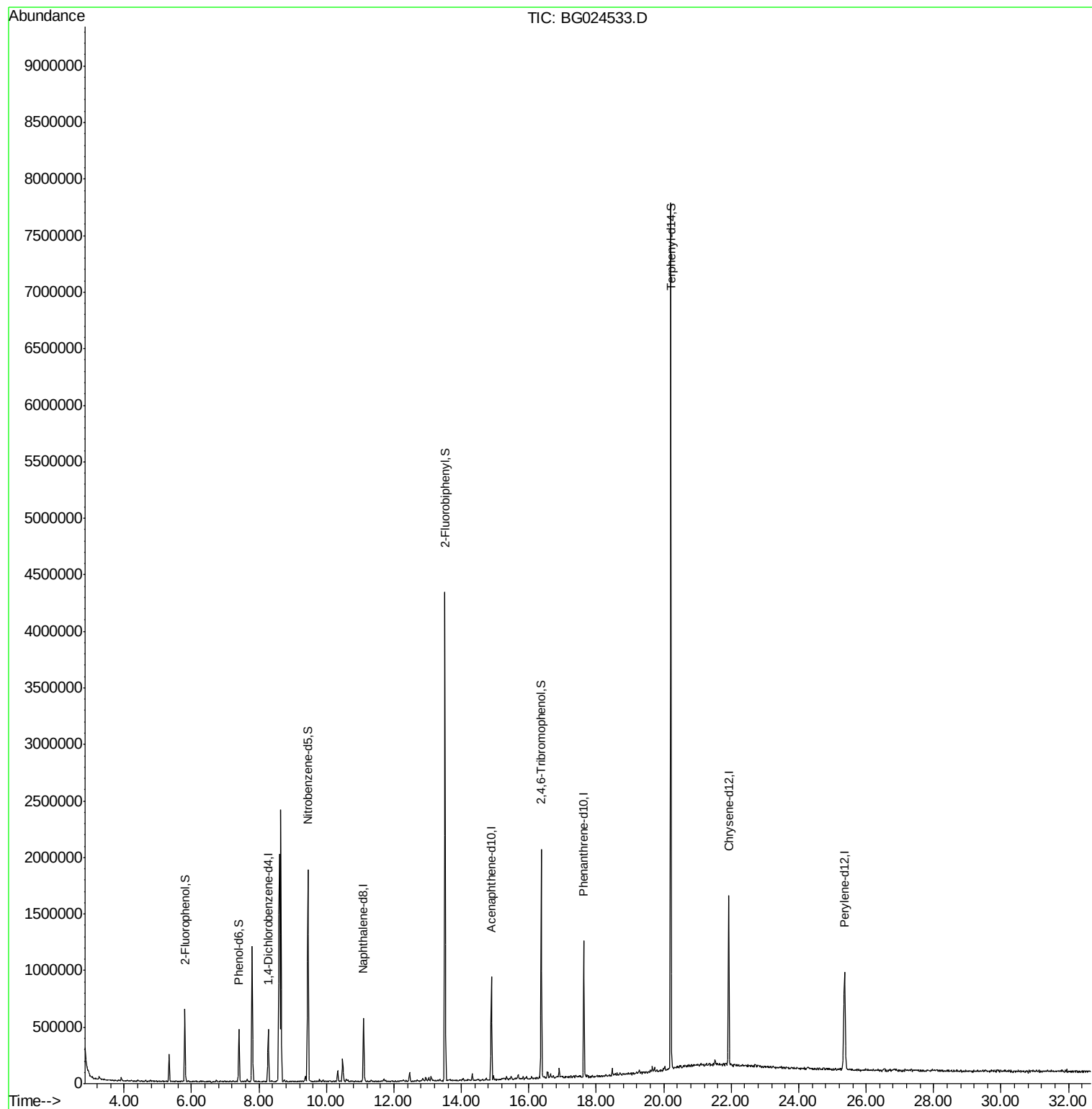
Target Compounds	Qvalue
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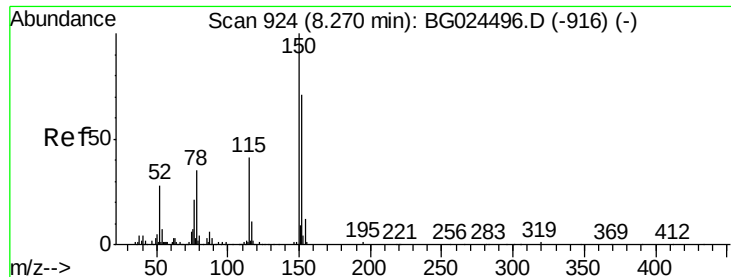
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024533.D

Acq: 27 Oct 2016 22:47

Instrument :

BNA_G

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MW-3

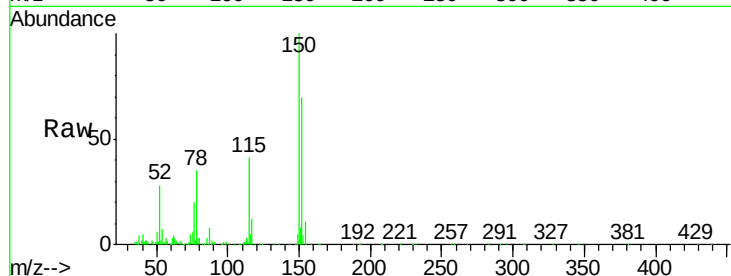
Tgt Ion:152 Resp: 118951

Ion Ratio Lower Upper

152 100

150 142.2 114.0 171.0

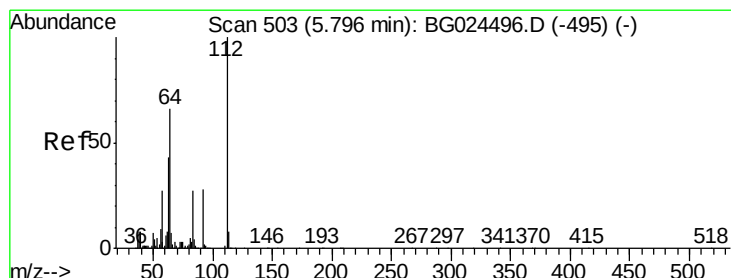
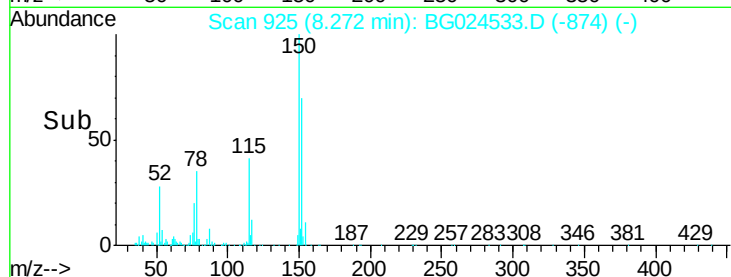
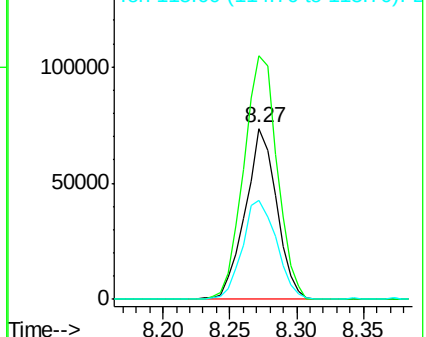
115 58.1 48.1 72.1



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: 36.31 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024533.D

Acq: 27 Oct 2016 22:47

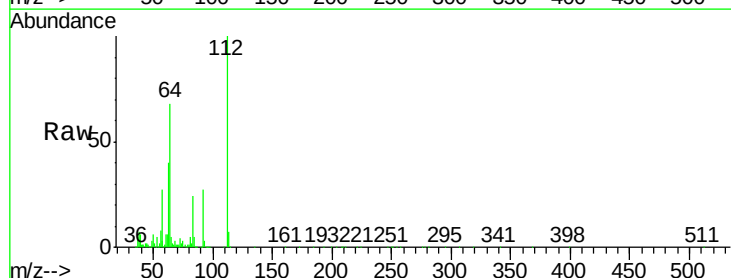
Tgt Ion:112 Resp: 263551

Ion Ratio Lower Upper

112 100

64 68.4 61.8 92.6

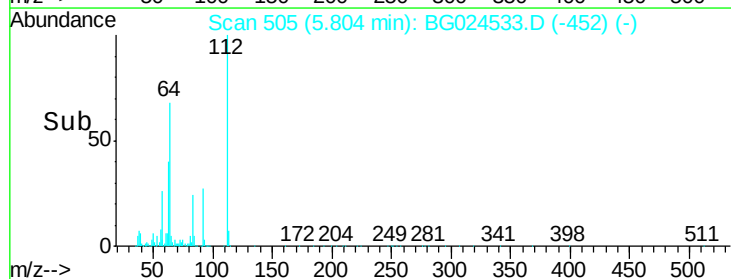
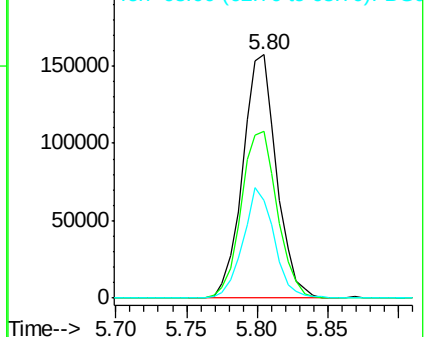
63 40.3 37.2 55.8

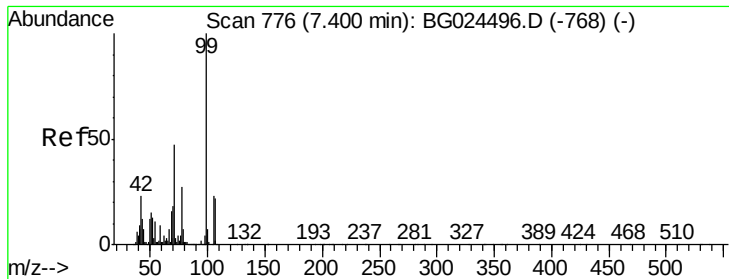


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.76 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024533.D

Acq: 27 Oct 2016 22:47

Instrument :

BNA_G

ClientSampleId :

MW-3

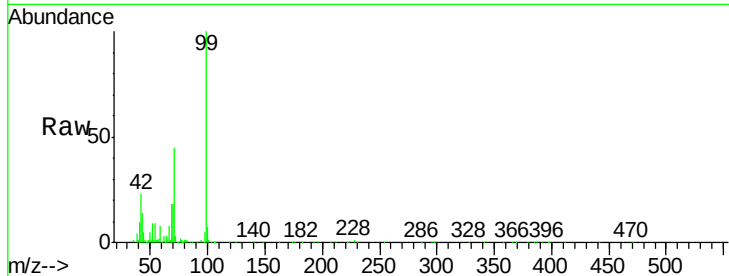
Tgt Ion: 99 Resp: 236516

Ion Ratio Lower Upper

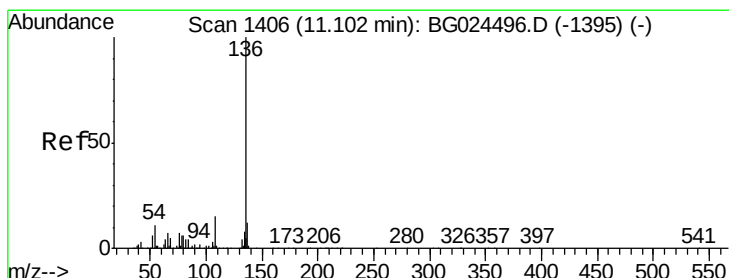
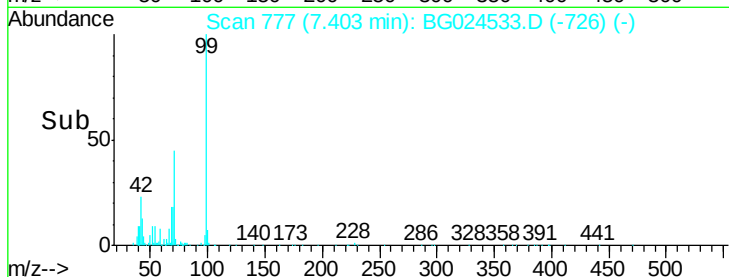
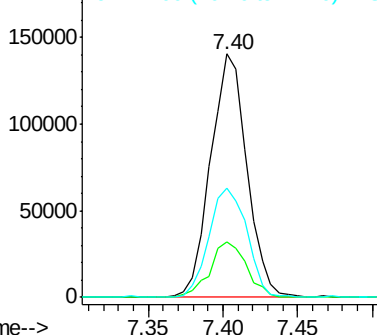
99 100

42 22.9 20.5 30.7

71 45.0 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: BG024533.D

Acq: 27 Oct 2016 22:47

Tgt Ion: 136 Resp: 446083

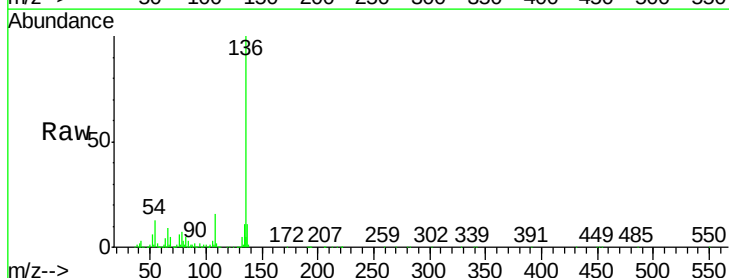
Ion Ratio Lower Upper

136 100

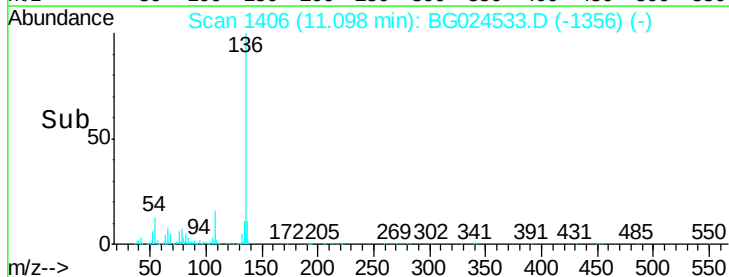
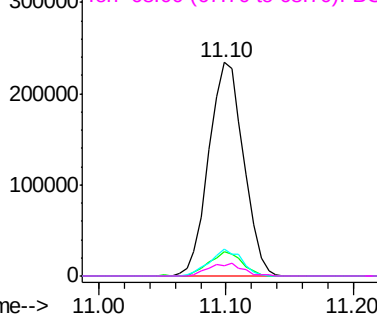
137 11.5 8.9 13.3

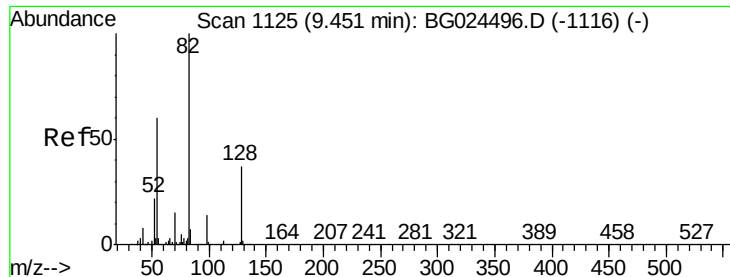
54 12.7 9.3 13.9

68 4.6 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

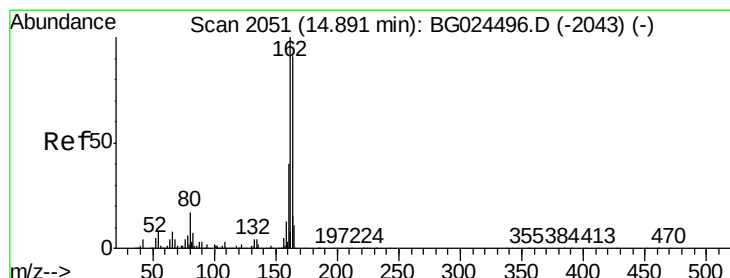
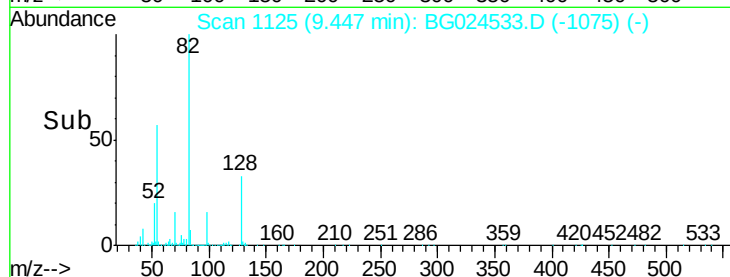
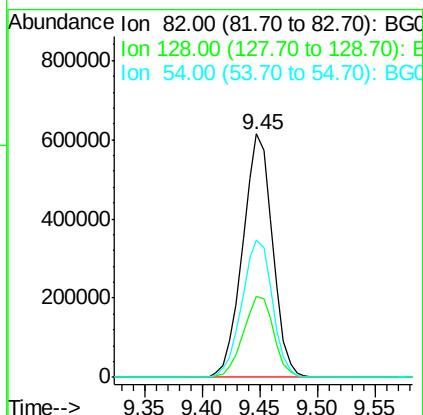
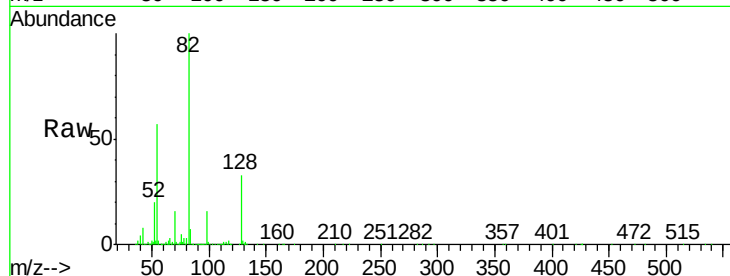




#23
Nitrobenzene-d5
Concen: 112.58 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024533.D
Acq: 27 Oct 2016 22:47

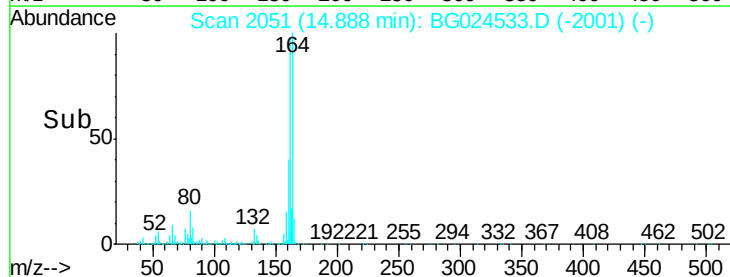
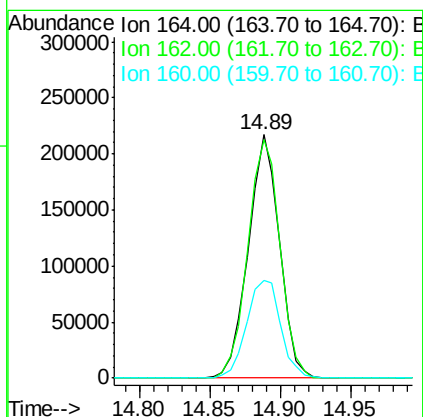
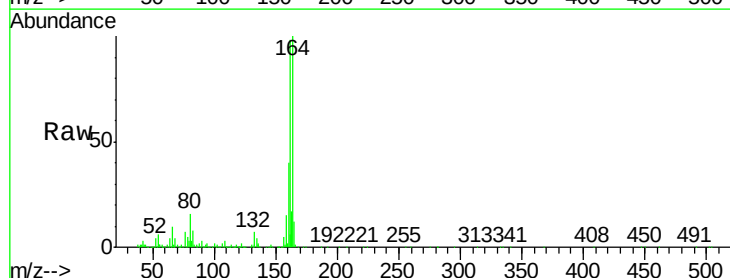
Instrument :
BNA_G
ClientSampleId :
MW-3

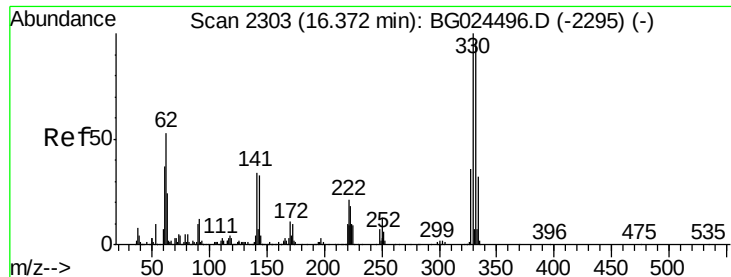
Tgt Ion: 82 Resp: 1103025
Ion Ratio Lower Upper
82 100
128 33.2 26.4 39.6
54 56.7 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG024533.D
Acq: 27 Oct 2016 22:47

Tgt Ion: 164 Resp: 336790
Ion Ratio Lower Upper
164 100
162 97.7 85.1 127.7
160 40.1 34.7 52.1

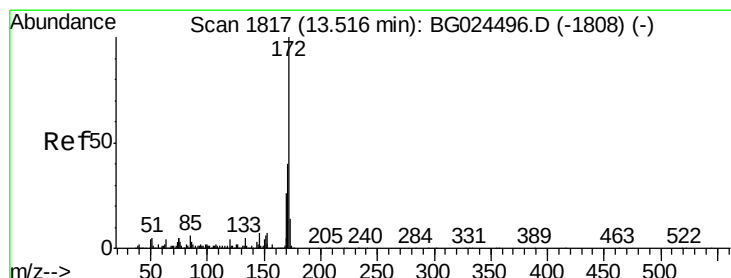
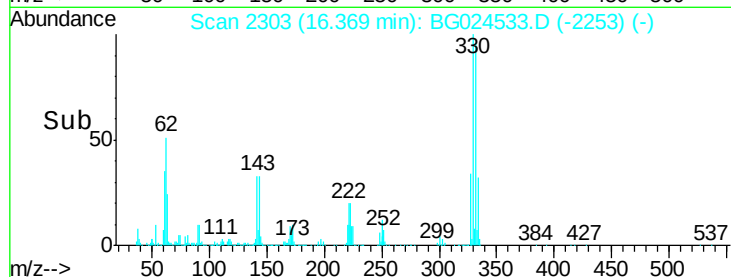
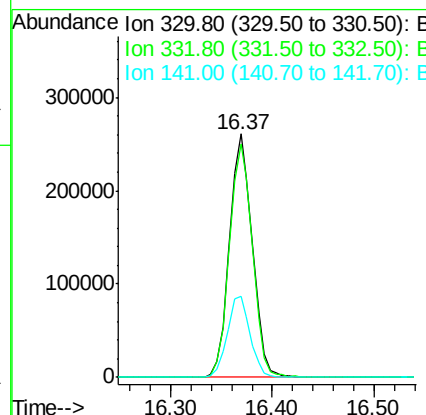
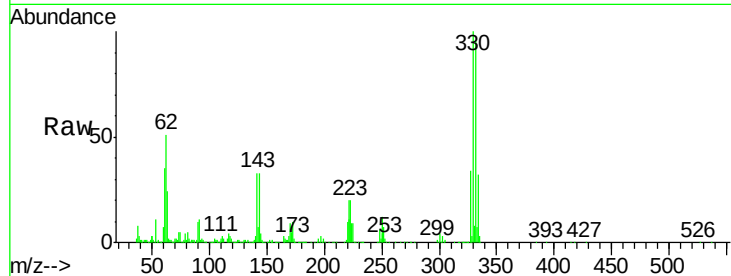




#41
 2,4,6-Tribromophenol
 Concen: 80.95 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024533.D
 Acq: 27 Oct 2016 22:47

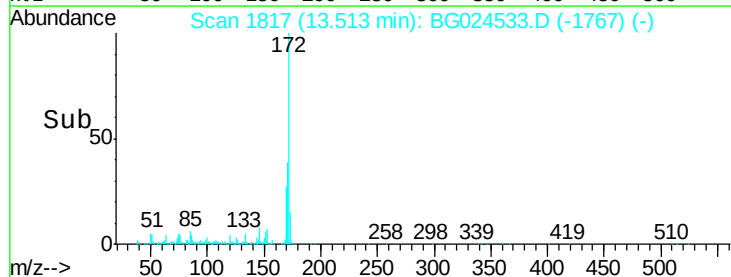
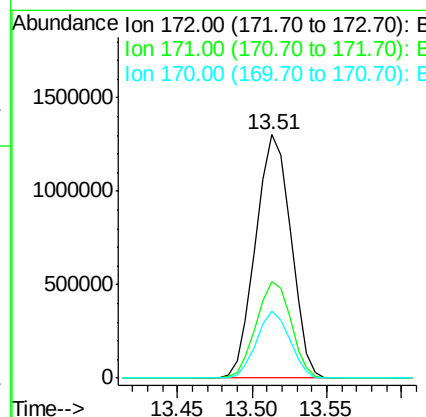
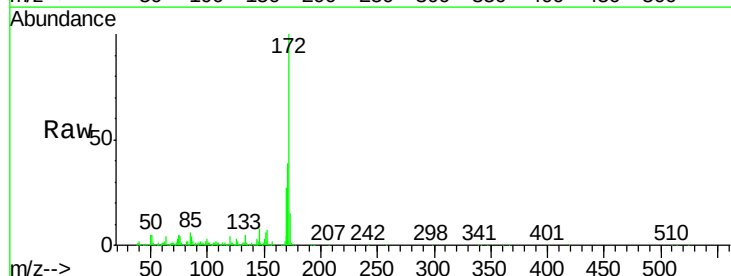
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

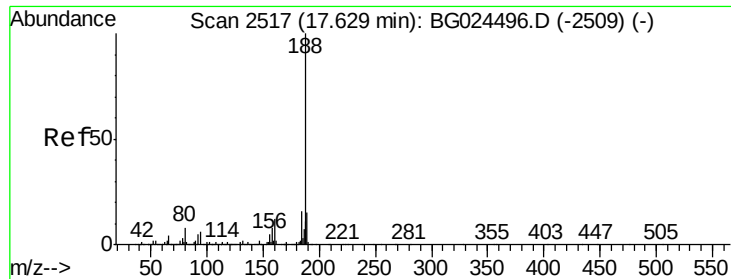
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 105.24 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024533.D
 Acq: 27 Oct 2016 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	27.5	21.8	32.6

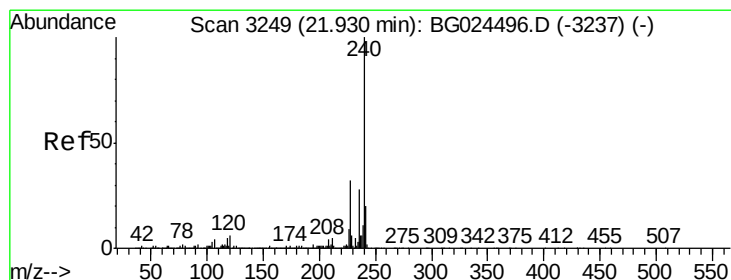
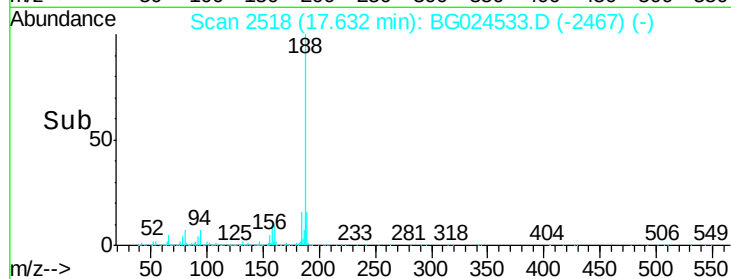
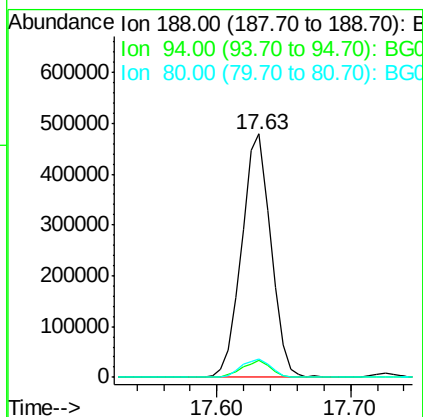
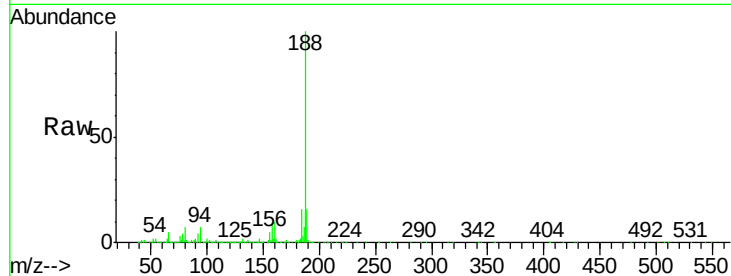




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BG024533.D
Acq: 27 Oct 2016 22:47

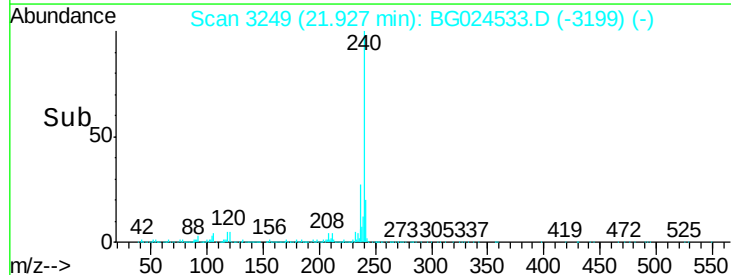
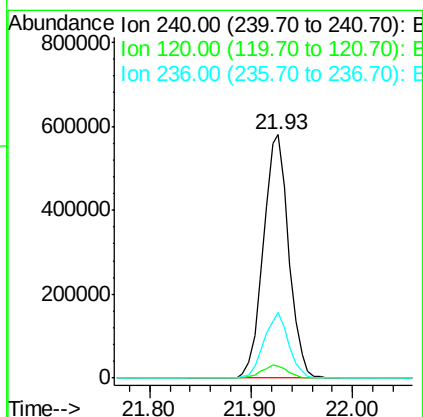
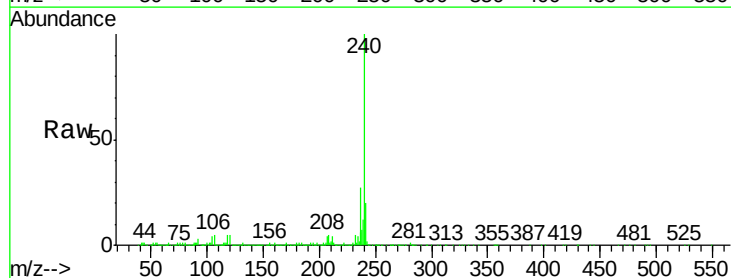
Instrument :
BNA_G
ClientSampleId :
MW-3

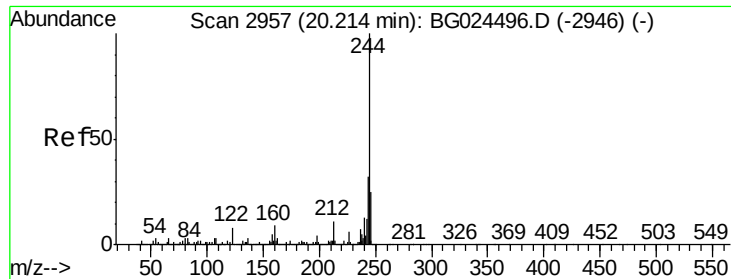
Tgt Ion:188 Resp: 720349
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG024533.D
Acq: 27 Oct 2016 22:47

Tgt Ion:240 Resp: 1015692
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 26.8 22.2 33.4





#78

Terphenyl-d14

Concen: 90.15 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024533.D

Acq: 27 Oct 2016 22:47

Instrument :

BNA_G

ClientSampleId :

MW-3

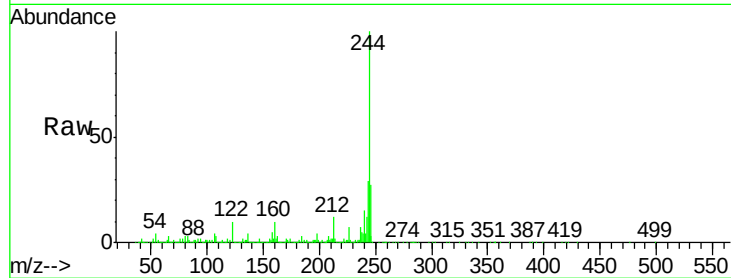
Tgt Ion:244 Resp: 3064168

Ion Ratio Lower Upper

244 100

212 11.9 10.0 15.0

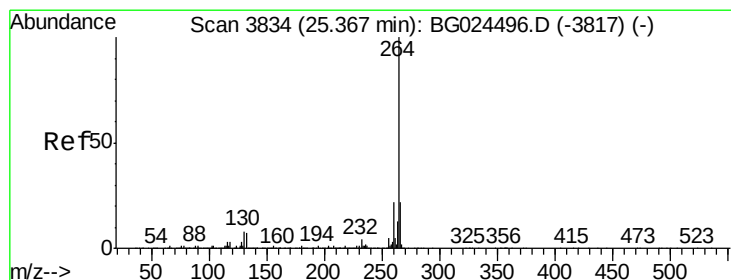
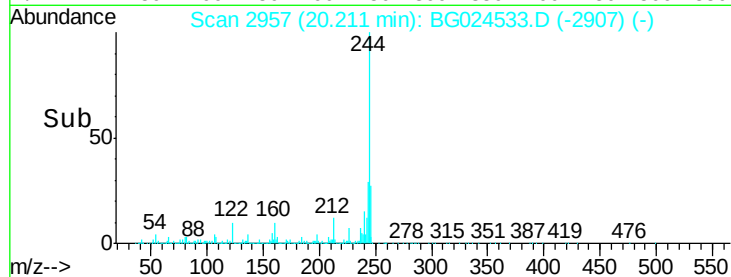
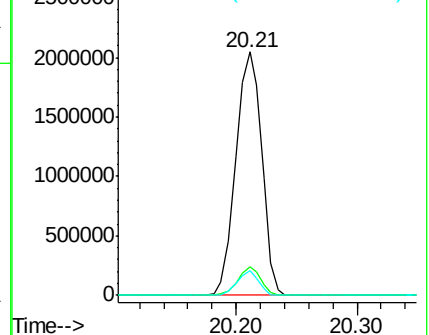
122 10.2 8.6 12.8



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: 25.36 min Scan# 3833

Delta R.T. -0.01 min

Lab File: BG024533.D

Acq: 27 Oct 2016 22:47

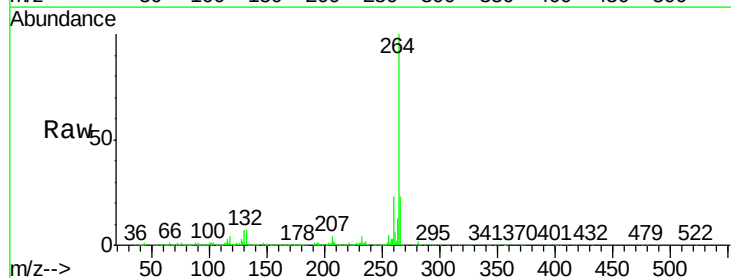
Tgt Ion:264 Resp: 1078847

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 23.5 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

