

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024546.D
 Acq On : 28 Oct 2016 19:38
 Operator : UM/SJ
 Sample : H5445-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBW-4

Quant Time: Oct 28 23:46:01 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	111426	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	406955	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	311484	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	712679	20.00	ng	0.00
75) Chrysene-d12	21.92	240	996470	20.00	ng	0.00
86) Perylene-d12	25.36	264	1037133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	131090	19.28	ng	0.00
7) Phenol-d6	7.40	99	214500	23.00	ng	0.00
23) Nitrobenzene-d5	9.44	82	917814	102.68	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	73957	15.89	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1794455	95.75	ng	0.00
78) Terphenyl-d14	20.21	244	3163913	94.88	ng	0.00

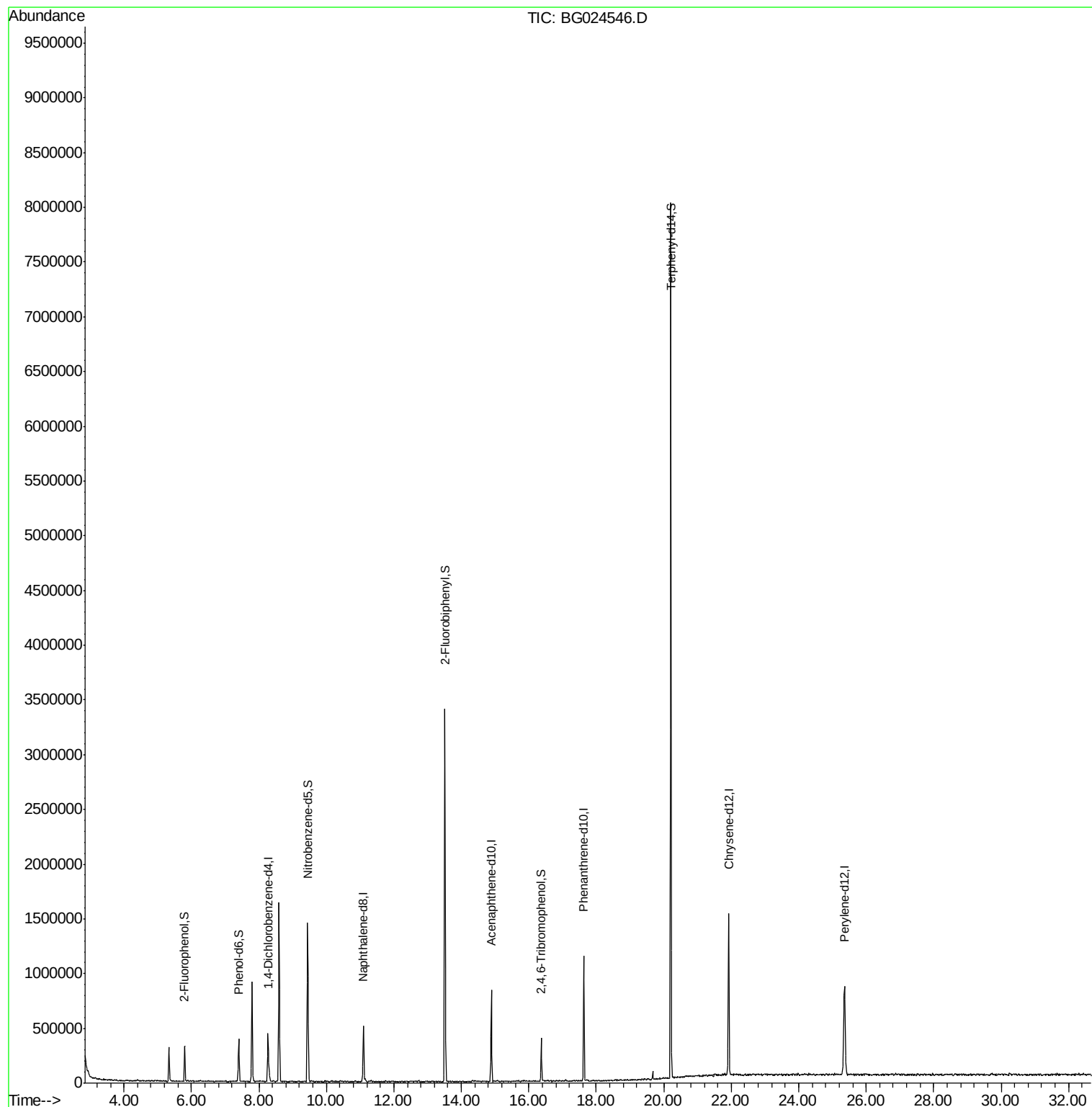
Target Compounds	Qvalue
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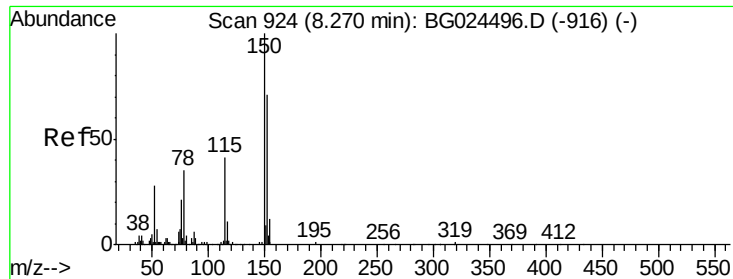
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

Instrument :

BNA_G

ClientSampleId :

SBW-4

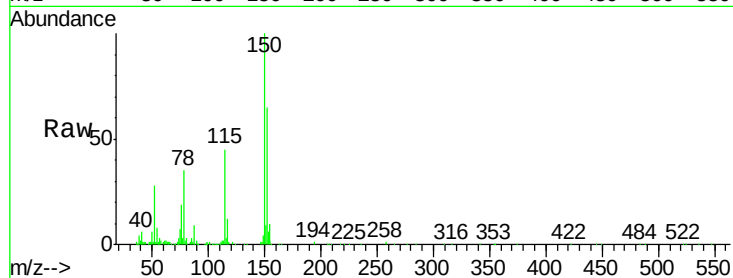
Tgt Ion:152 Resp: 111426

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

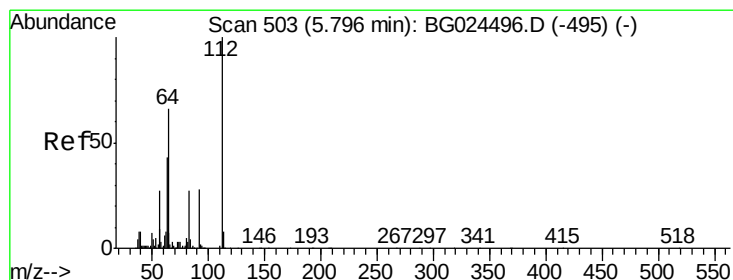
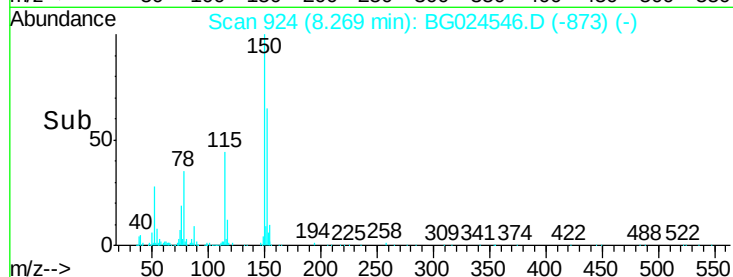
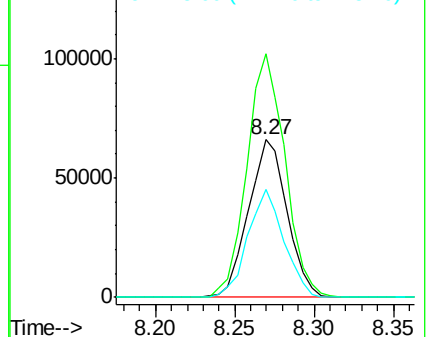
115 68.9 48.1 72.1



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: 19.28 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

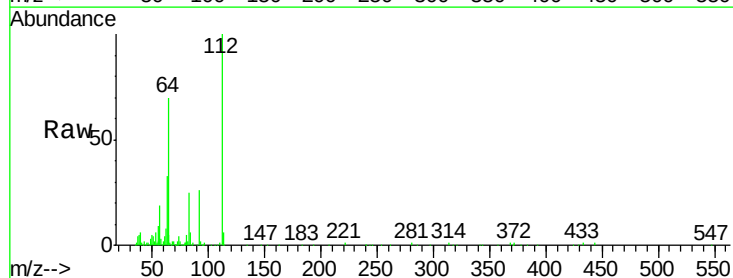
Tgt Ion:112 Resp: 131090

Ion Ratio Lower Upper

112 100

64 69.6 61.8 92.6

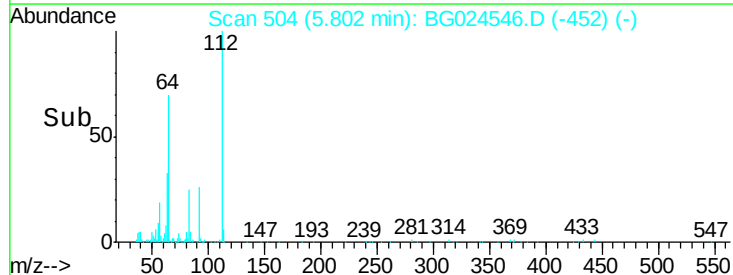
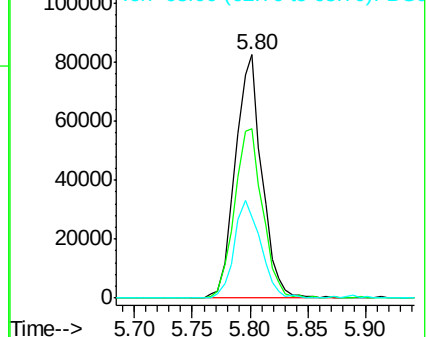
63 33.2 37.2 55.8#

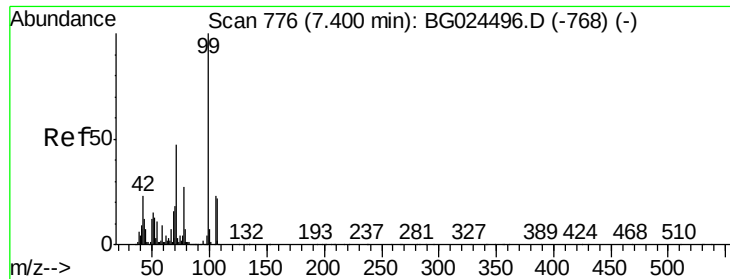


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.00 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

Instrument :

BNA_G

ClientSampleId :

SBW-4

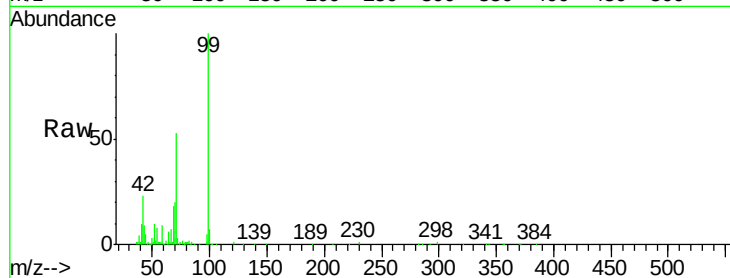
Tgt Ion: 99 Resp: 214500

Ion Ratio Lower Upper

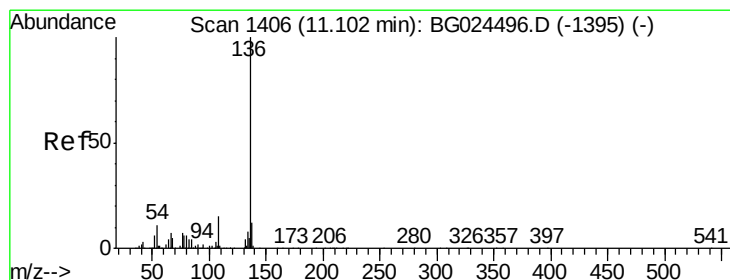
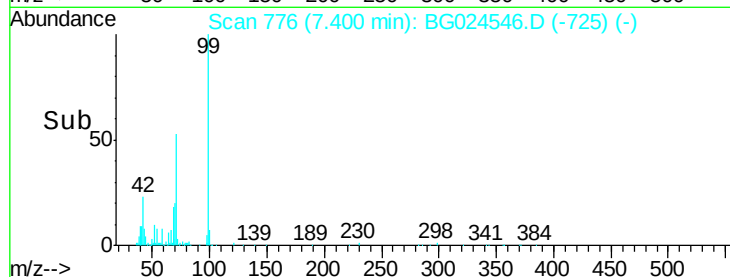
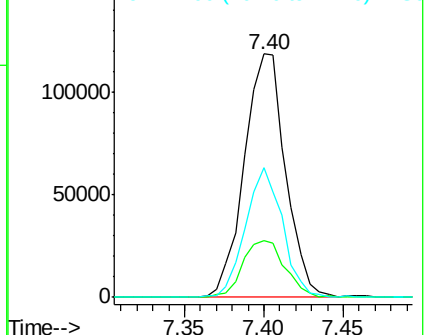
99 100

42 23.2 20.5 30.7

71 53.1 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# 1405

Delta R.T. -0.01 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

Tgt Ion: 136 Resp: 406955

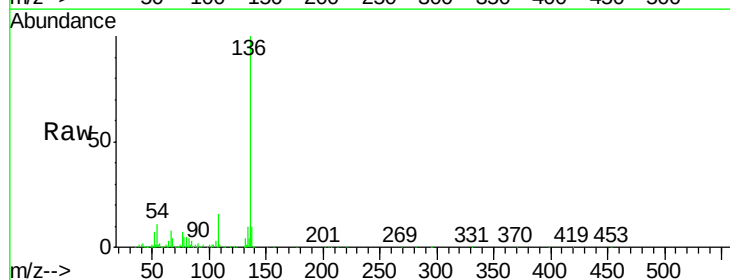
Ion Ratio Lower Upper

136 100

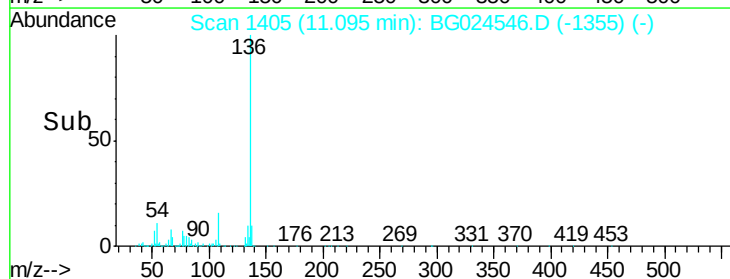
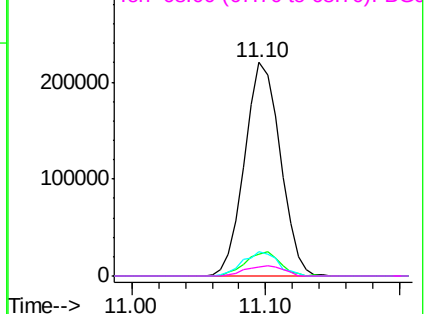
137 10.4 8.9 13.3

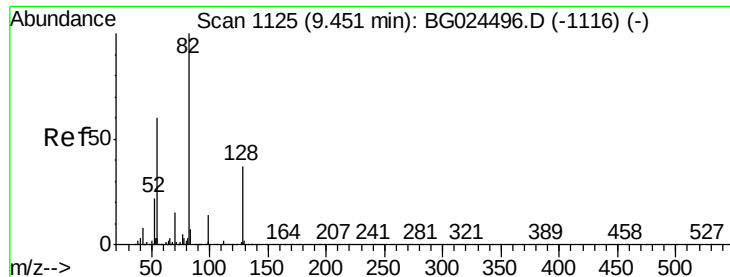
54 11.5 9.3 13.9

68 4.2 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

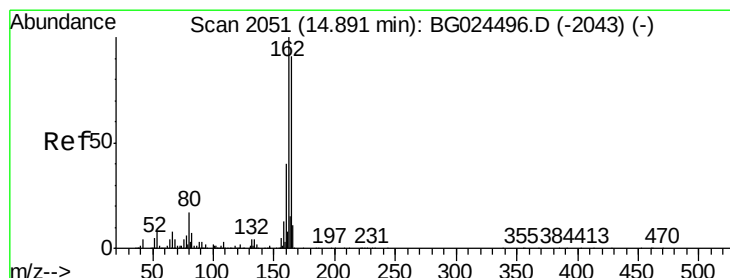
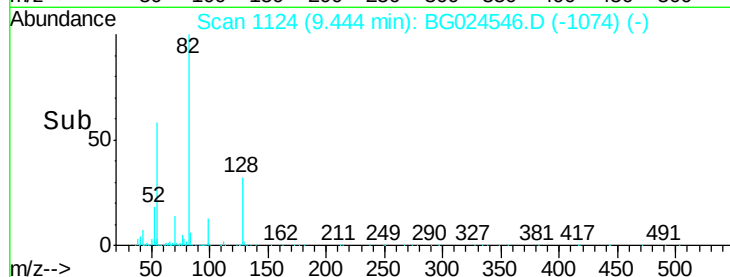
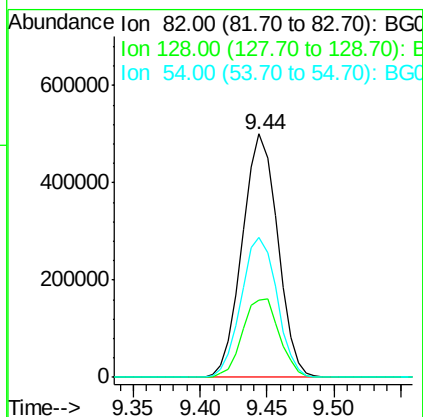
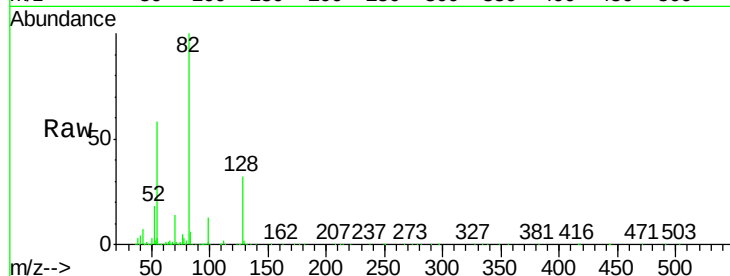




#23
 Nitrobenzene-d5
 Concen: 102.68 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024546.D
 Acq: 28 Oct 2016 19:38

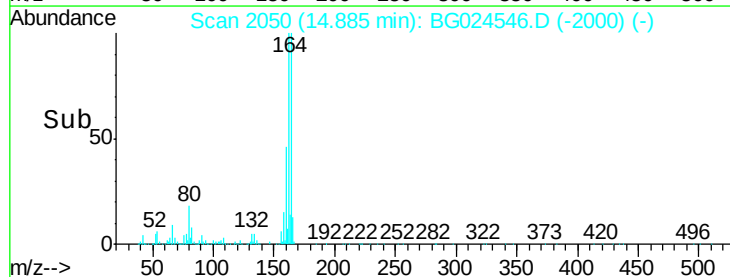
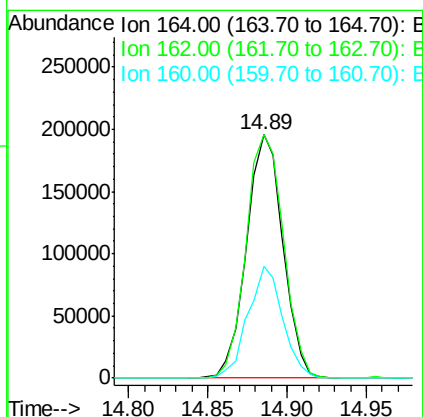
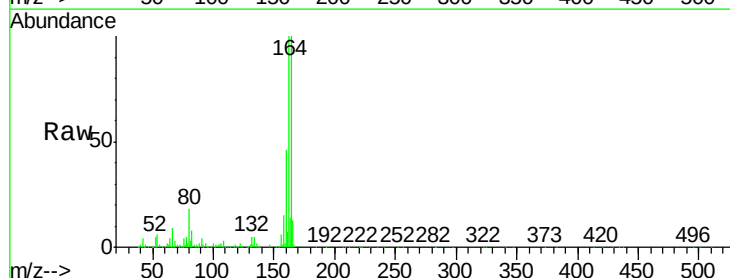
Instrument :
 BNA_G
 ClientSampleId :
 SBW-4

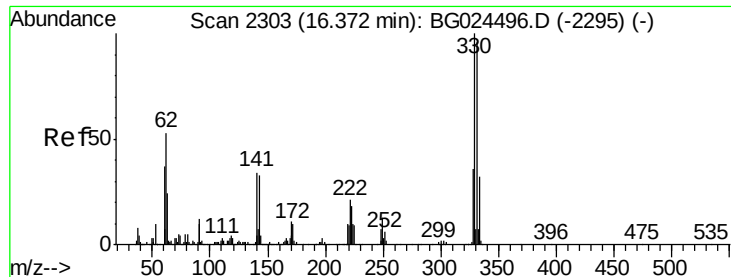
Tgt Ion: 82 Resp: 917814
 Ion Ratio Lower Upper
 82 100
 128 31.7 26.4 39.6
 54 57.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024546.D
 Acq: 28 Oct 2016 19:38

Tgt Ion: 164 Resp: 311484
 Ion Ratio Lower Upper
 164 100
 162 100.0 85.1 127.7
 160 46.0 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 15.89 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

Instrument :

BNA_G

ClientSampleId :

SBW-4

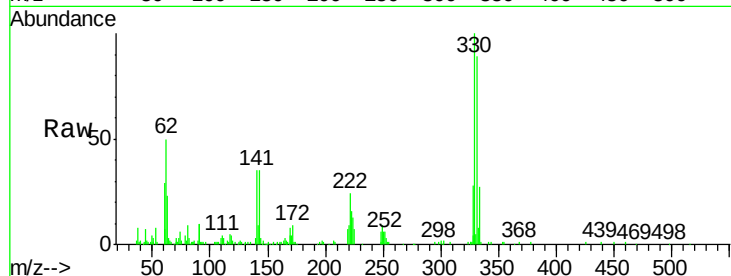
Tgt Ion:330 Resp: 73957

Ion Ratio Lower Upper

330 100

332 102.1 77.3 115.9

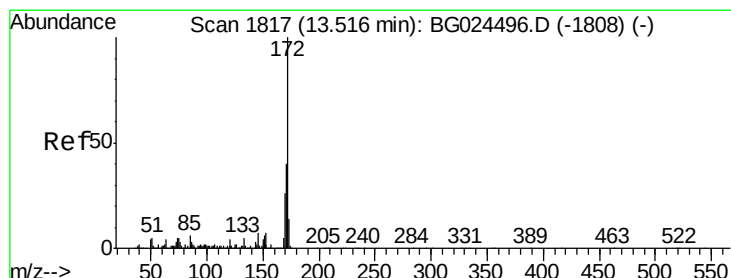
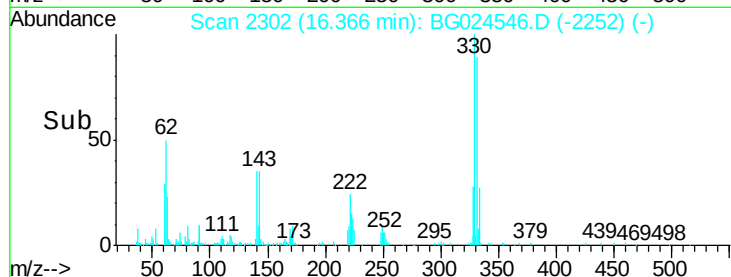
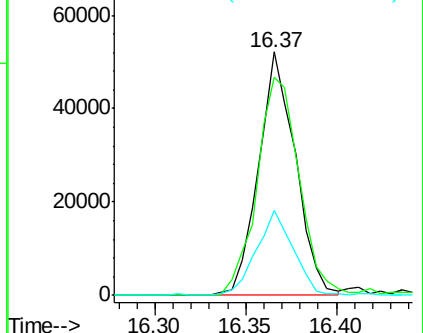
141 35.2 32.1 48.1



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: 95.75 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

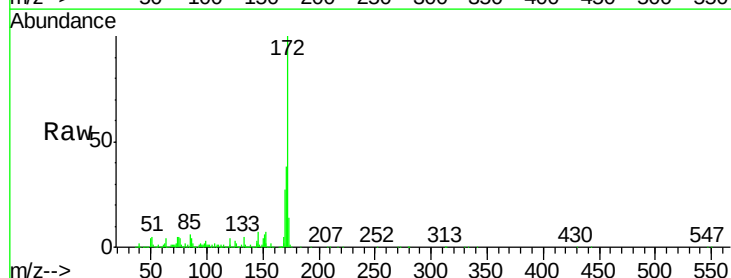
Tgt Ion:172 Resp: 1794455

Ion Ratio Lower Upper

172 100

171 38.0 32.2 48.2

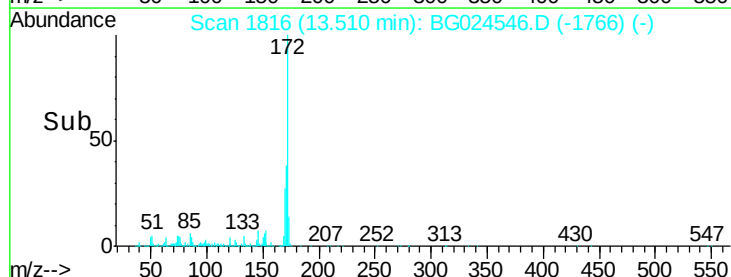
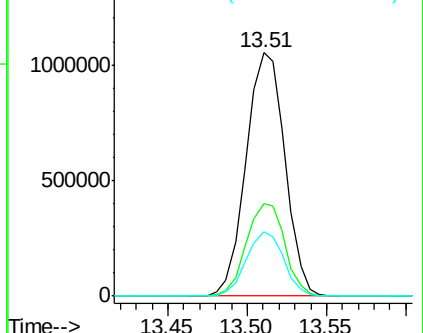
170 26.7 21.8 32.6

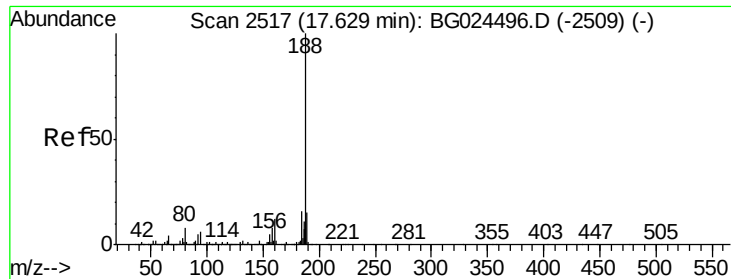


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

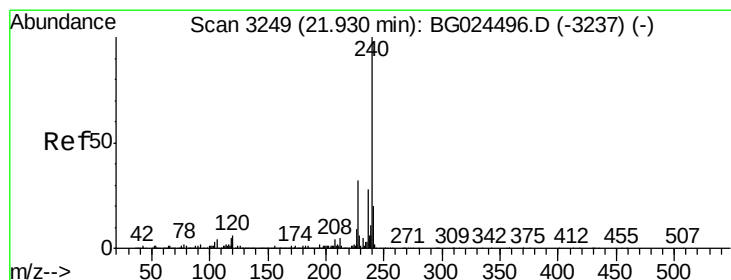
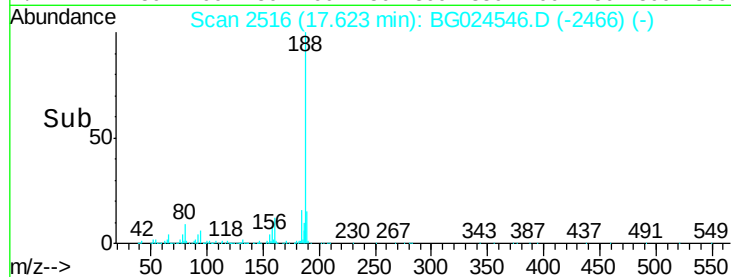
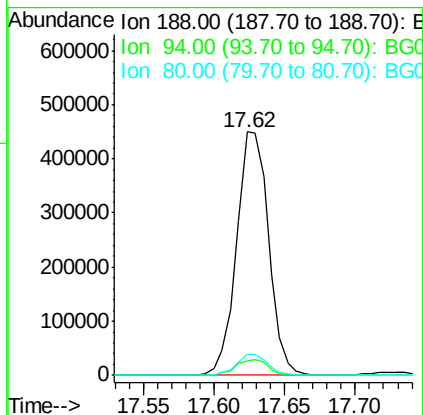
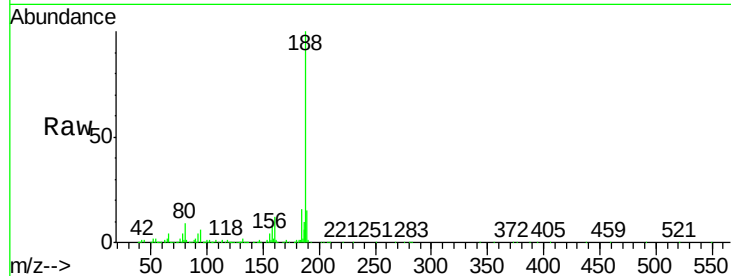




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024546.D
Acq: 28 Oct 2016 19:38

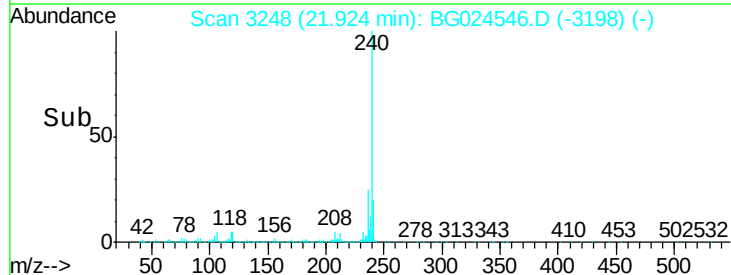
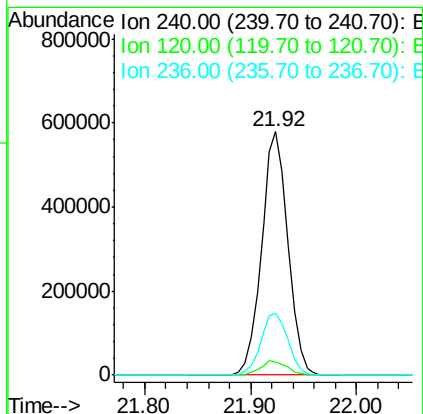
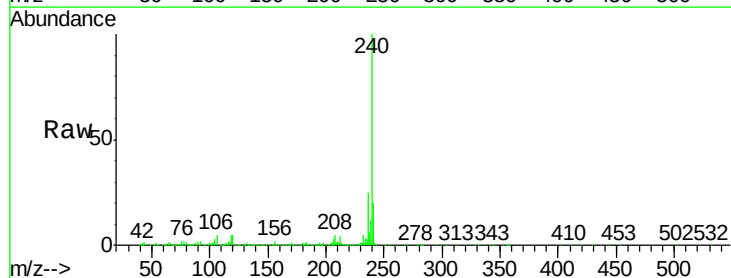
Instrument :
BNA_G
ClientSampleId :
SBW-4

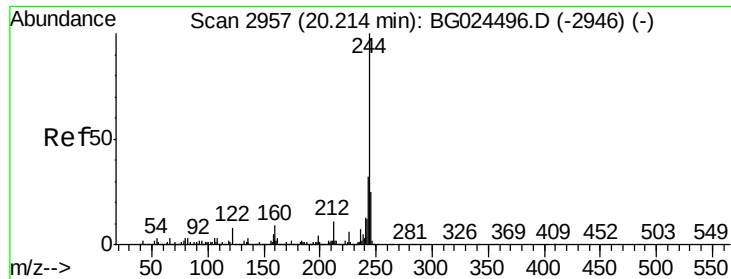
Tgt Ion:188 Resp: 712679
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 8.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024546.D
Acq: 28 Oct 2016 19:38

Tgt Ion:240 Resp: 996470
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 94.88 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024546.D

Acq: 28 Oct 2016 19:38

Instrument :

BNA_G

ClientSampled :

SBW-4

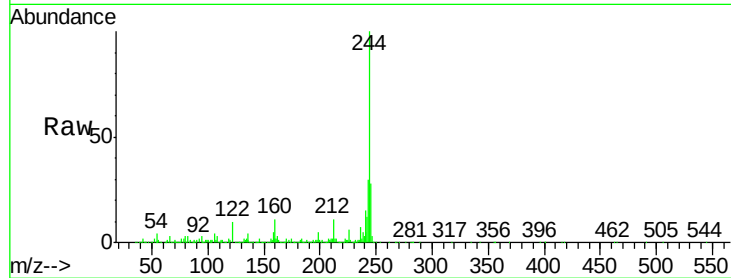
Tgt Ion:244 Resp: 3163913

Ion Ratio Lower Upper

244 100

212 11.5 10.0 15.0

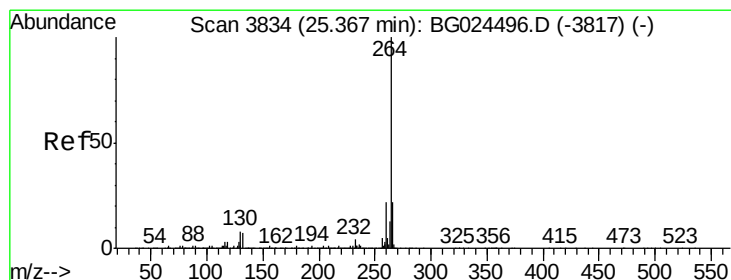
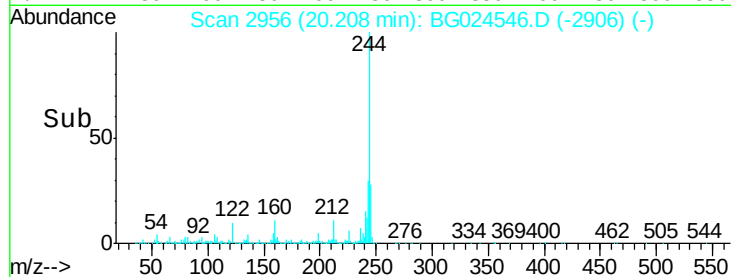
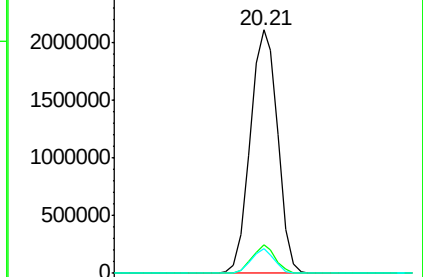
122 10.3 8.6 12.8



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: BG024546.D

Acq: 28 Oct 2016 19:38

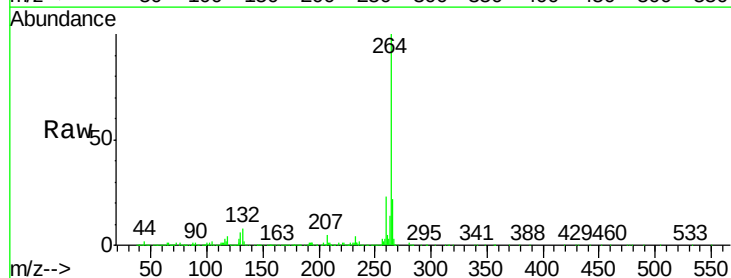
Tgt Ion:264 Resp: 1037133

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 22.4 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

