

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024543.D
 Acq On : 28 Oct 2016 17:43
 Operator : UM/SJ
 Sample : H5420-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616

Quant Time: Oct 28 23:44:10 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	113489	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	435847	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	309583	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	722342	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1011690	20.00	ng	0.00
86) Perylene-d12	25.36	264	684209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	868569	125.44	ng	0.00
7) Phenol-d6	7.40	99	1124606	118.40	ng	0.00
23) Nitrobenzene-d5	9.45	82	949469	99.18	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	719718	155.61	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1792476	96.23	ng	0.00
78) Terphenyl-d14	20.21	244	3260830	96.31	ng	0.00

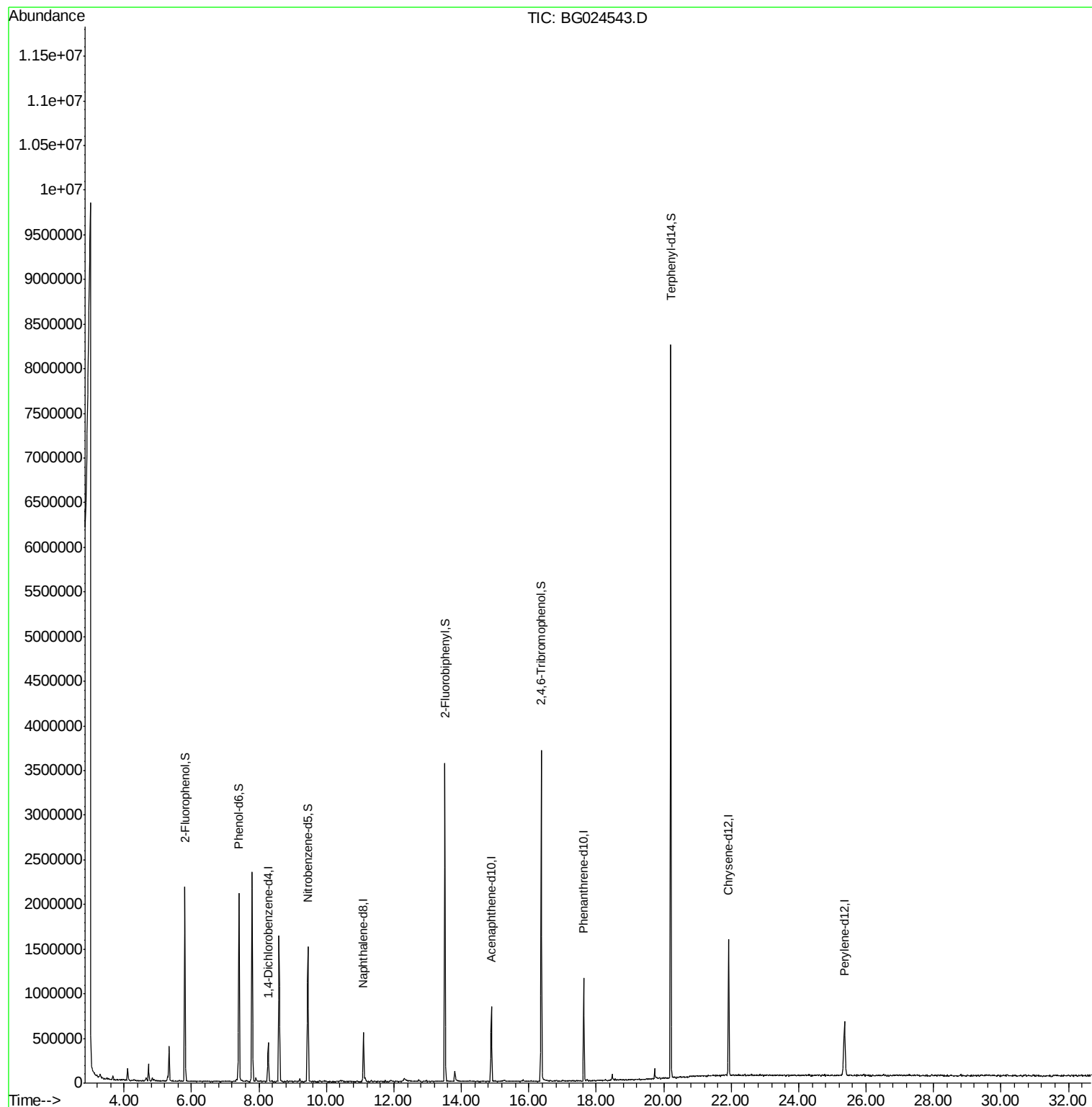
Target Compounds	Qvalue
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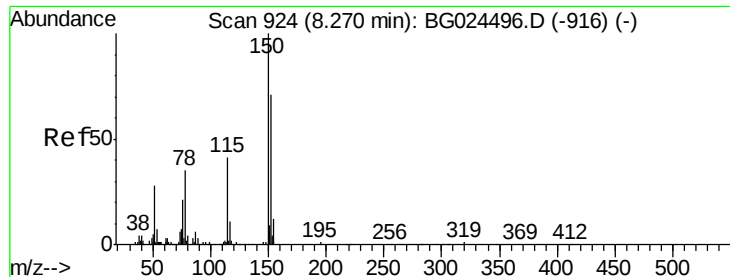
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
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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: BG024543.D

Acq: 28 Oct 2016 17:43

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616

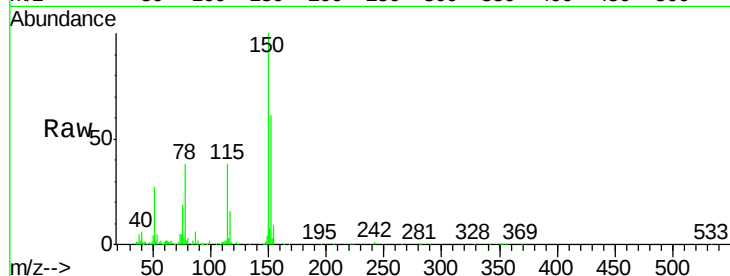
Tgt Ion:152 Resp: 113489

Ion Ratio Lower Upper

152 100

150 165.3 114.0 171.0

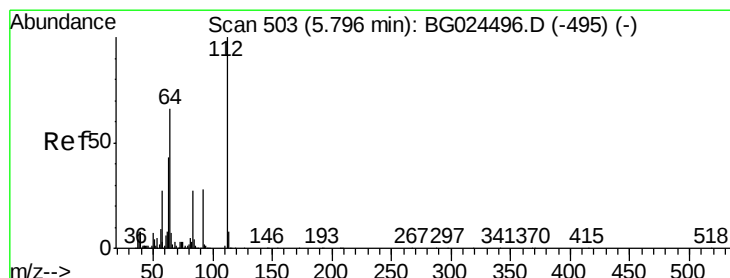
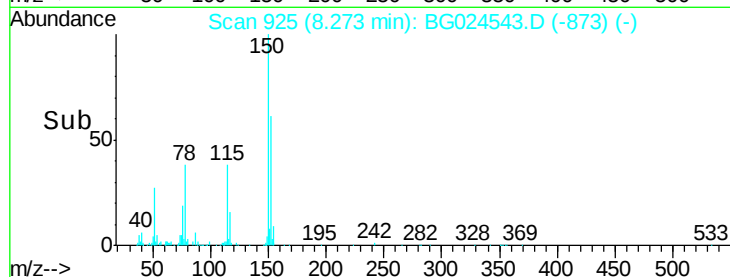
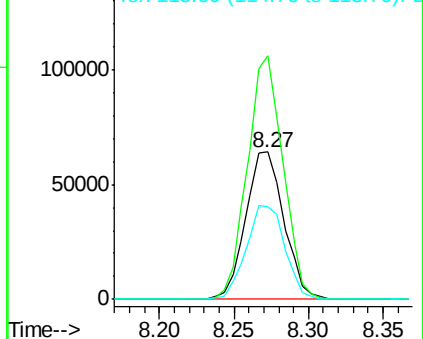
115 62.7 48.1 72.1



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: 125.44 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

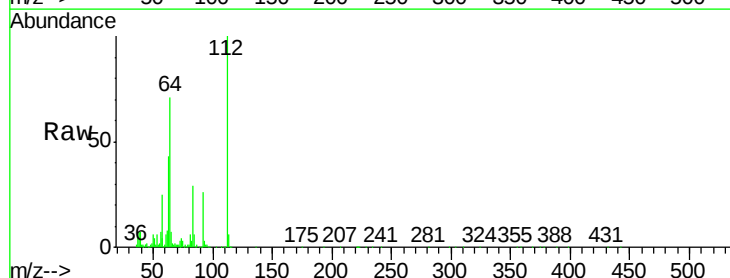
Tgt Ion:112 Resp: 868569

Ion Ratio Lower Upper

112 100

64 71.4 61.8 92.6

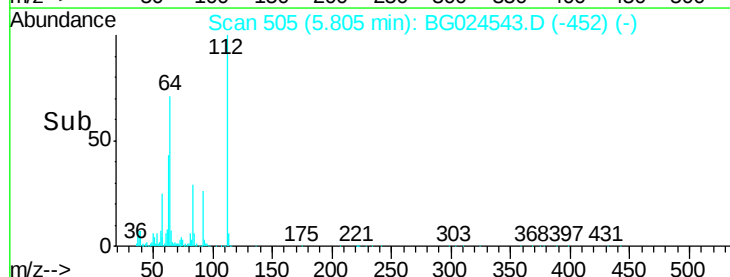
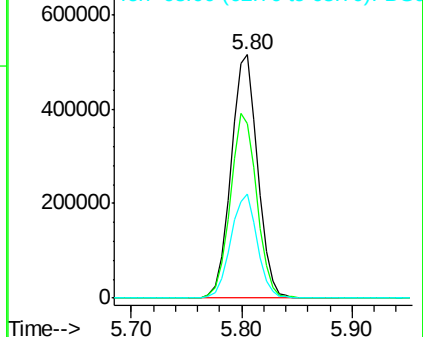
63 42.8 37.2 55.8

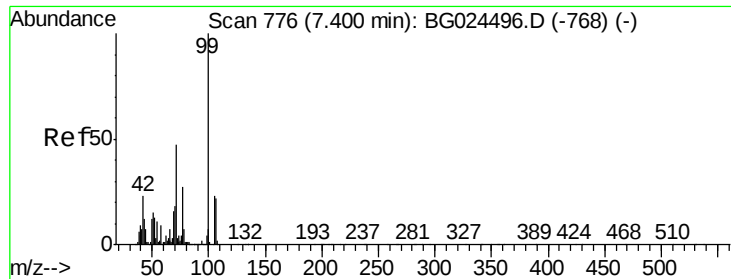


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.40 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616

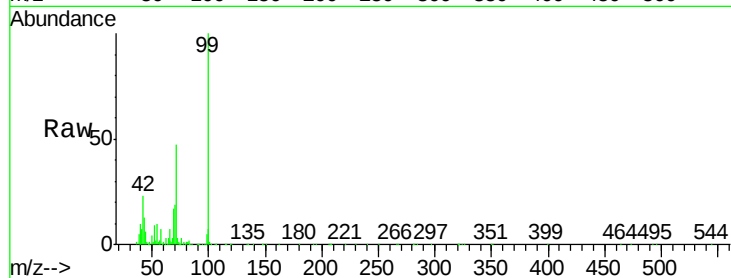
Tgt Ion: 99 Resp: 1124606

Ion Ratio Lower Upper

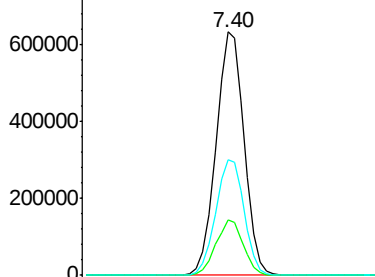
99 100

42 22.8 20.5 30.7

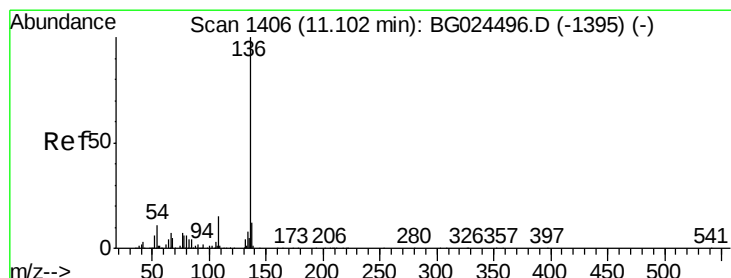
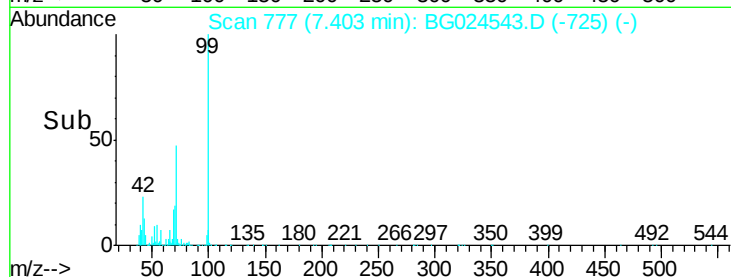
71 47.5 37.6 56.4



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



Time--> 7.30 7.40 7.50



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

Tgt Ion: 136 Resp: 435847

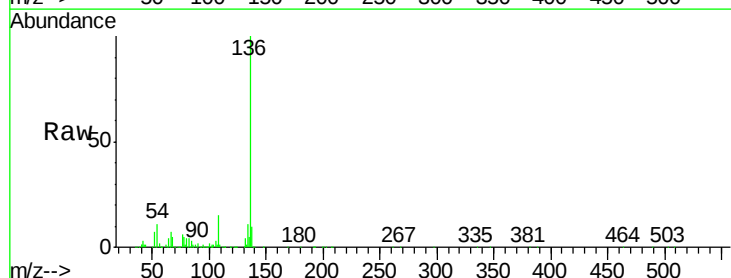
Ion Ratio Lower Upper

136 100

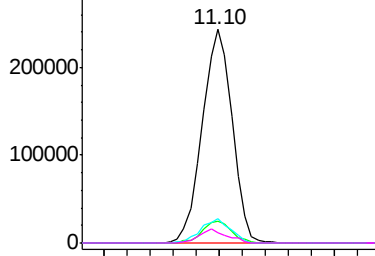
137 10.1 8.9 13.3

54 11.2 9.3 13.9

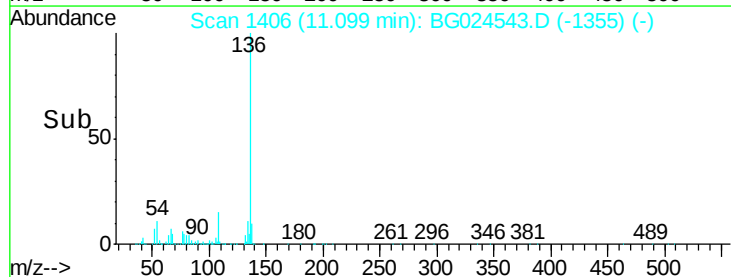
68 4.7 5.1 7.7#

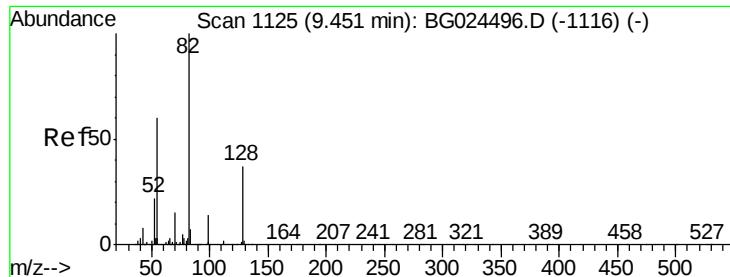


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.00 11.10 11.20

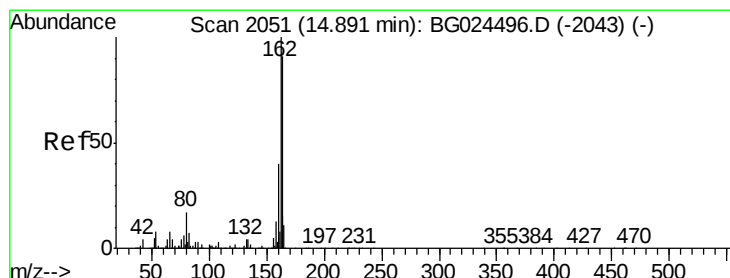
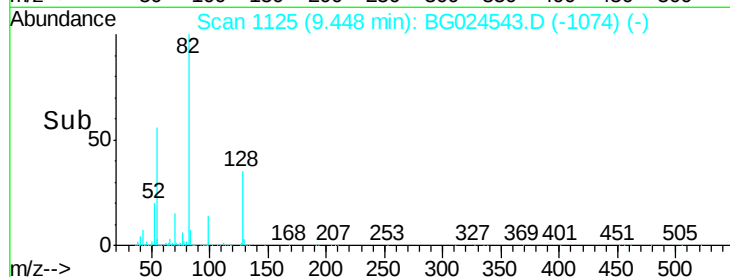
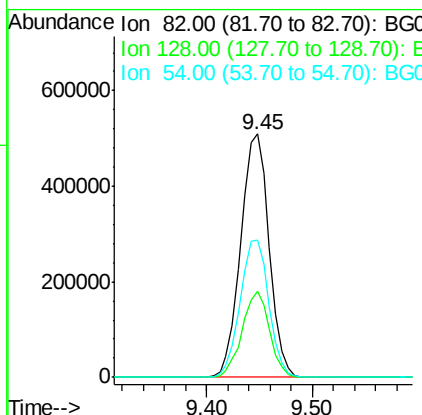
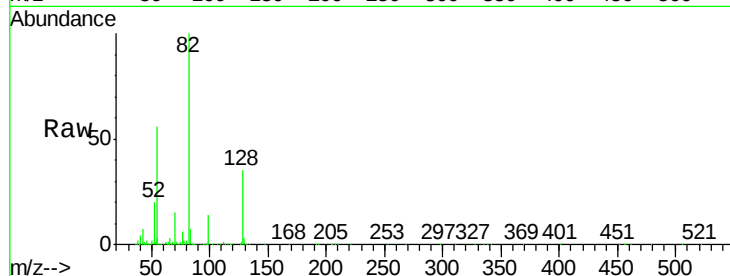




#23
 Nitrobenzene-d5
 Concen: 99.18 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024543.D
 Acq: 28 Oct 2016 17:43

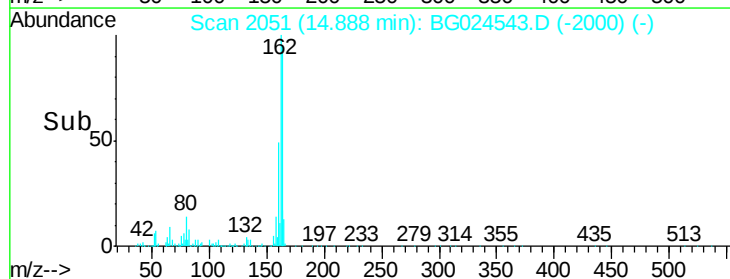
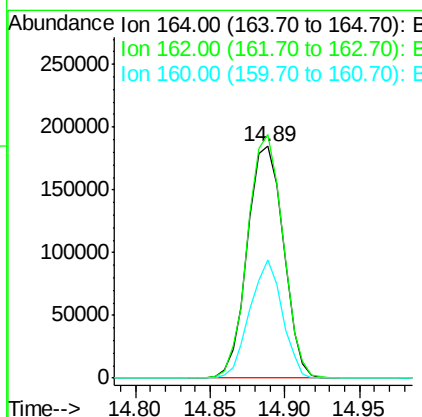
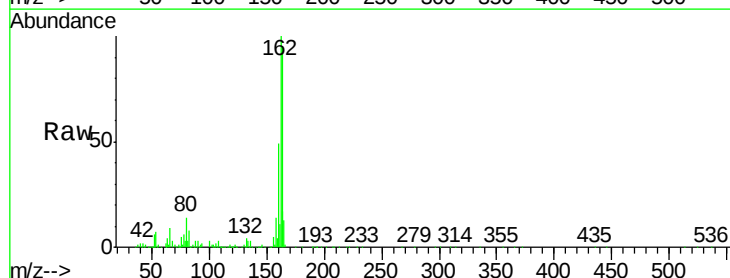
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.4	39.6
54	56.2	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: BG024543.D
 Acq: 28 Oct 2016 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	51.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 155.61 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616

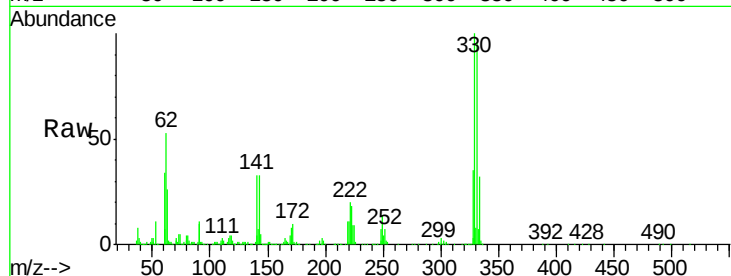
Tgt Ion:330 Resp: 719718

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

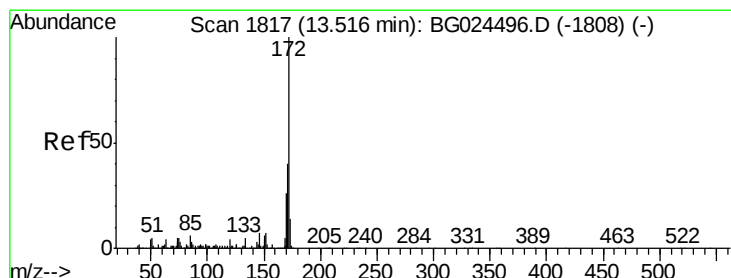
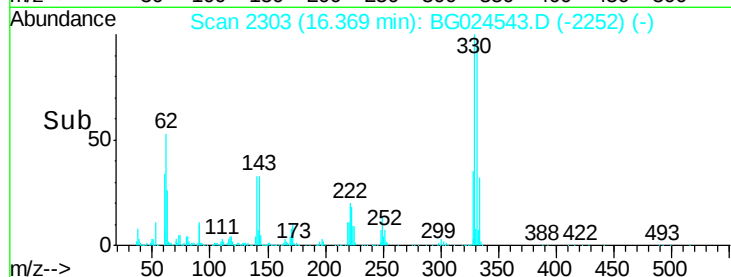
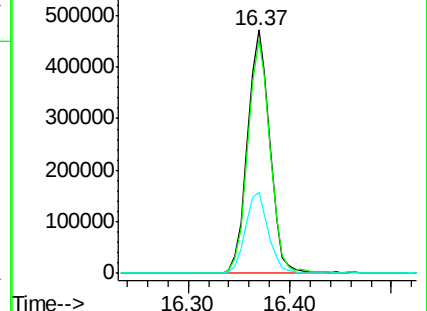
141 34.2 32.1 48.1



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: 96.23 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

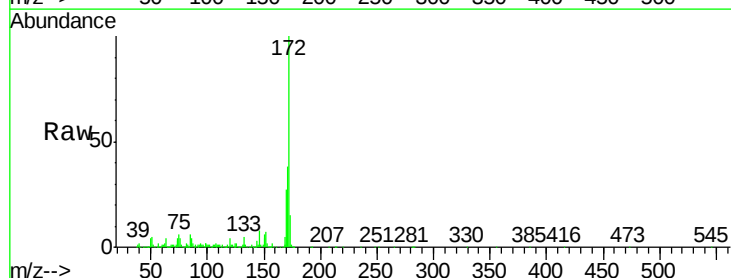
Tgt Ion:172 Resp: 1792476

Ion Ratio Lower Upper

172 100

171 38.3 32.2 48.2

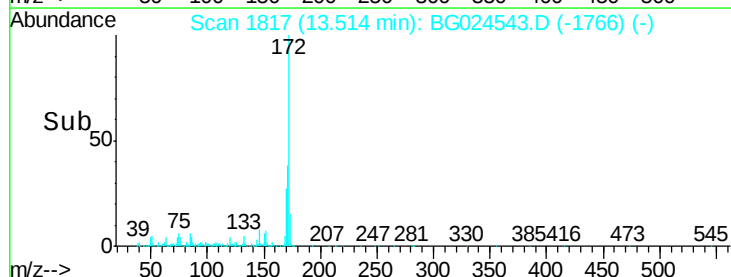
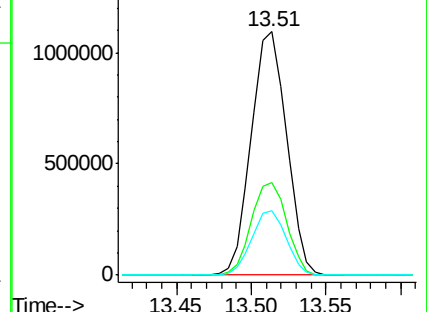
170 26.7 21.8 32.6

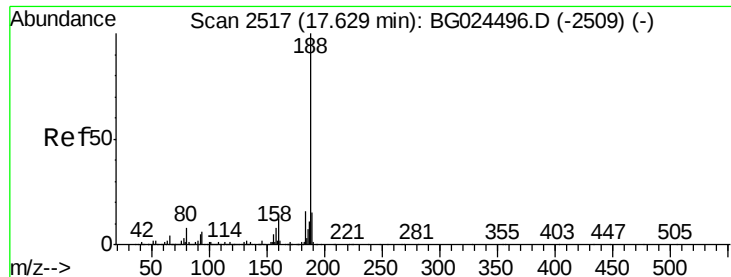


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616

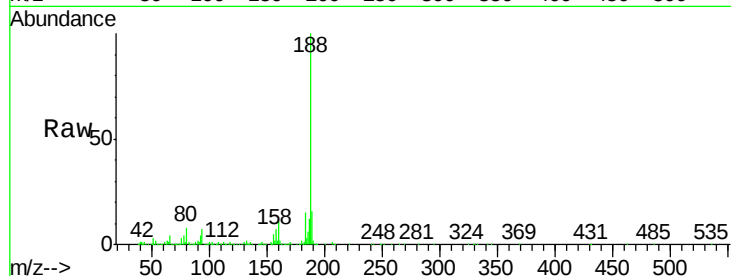
Tgt Ion:188 Resp: 722342

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

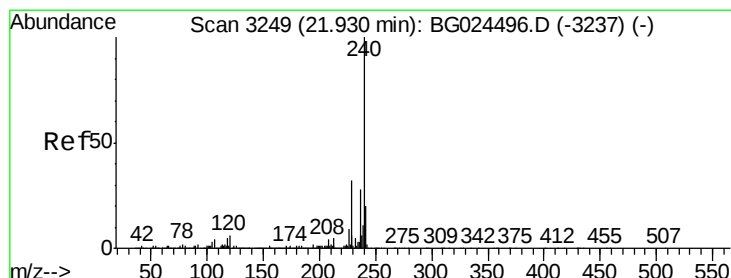
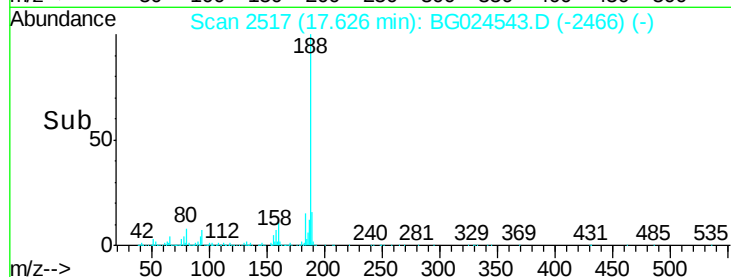
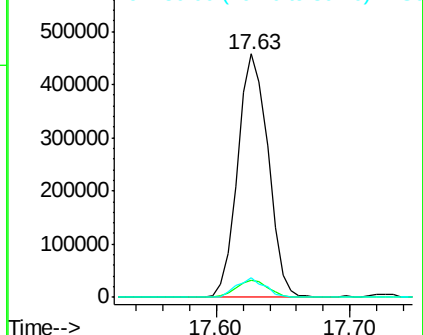
80 8.1 7.5 11.3



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. -0.01 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

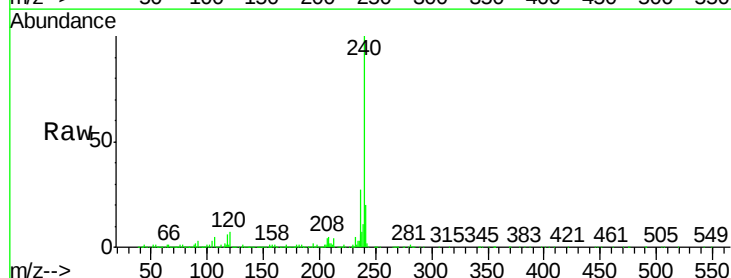
Tgt Ion:240 Resp: 1011690

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

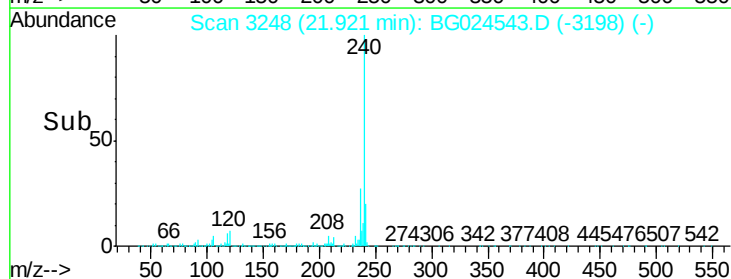
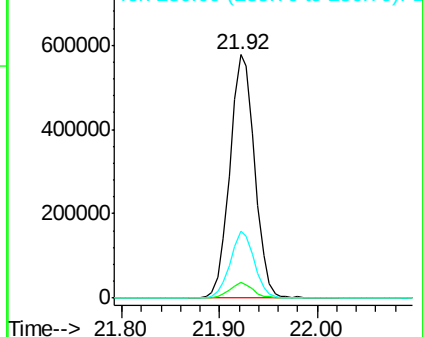
236 27.3 22.2 33.4

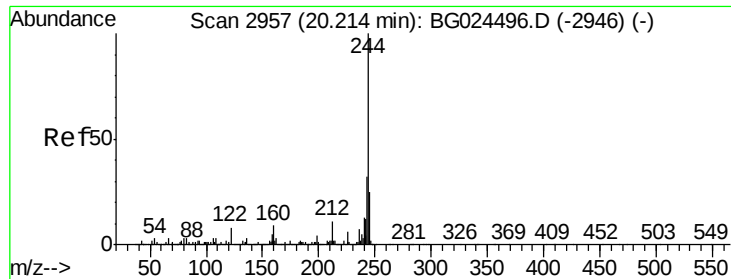


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.31 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616

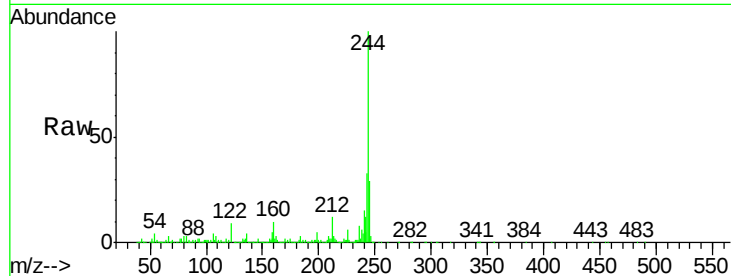
Tgt Ion:244 Resp: 3260830

Ion Ratio Lower Upper

244 100

212 12.4 10.0 15.0

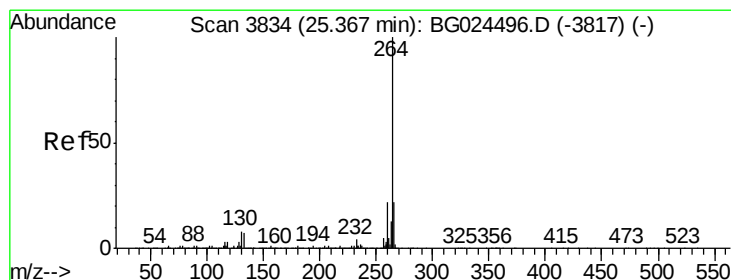
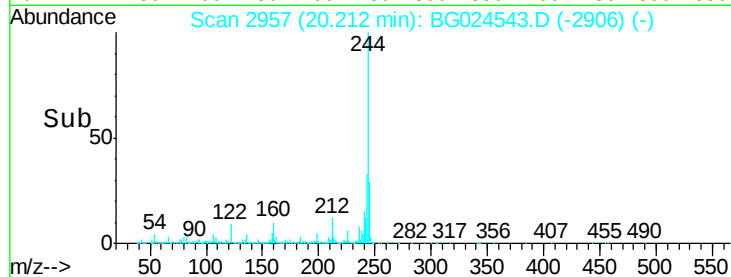
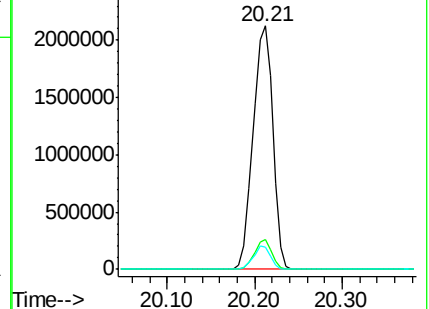
122 9.4 8.6 12.8



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: 25.36 min Scan# 3833

Delta R.T. -0.01 min

Lab File: BG024543.D

Acq: 28 Oct 2016 17:43

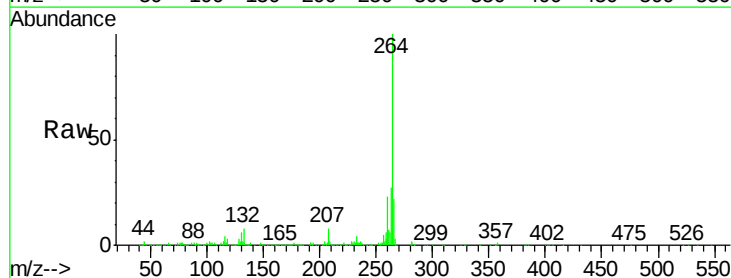
Tgt Ion:264 Resp: 684209

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.7 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

