

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024554.D
 Acq On : 29 Oct 2016 00:44
 Operator : UM/SJ
 Sample : H5439-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8COMP(0-16FEET)

Quant Time: Oct 29 02:12:45 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

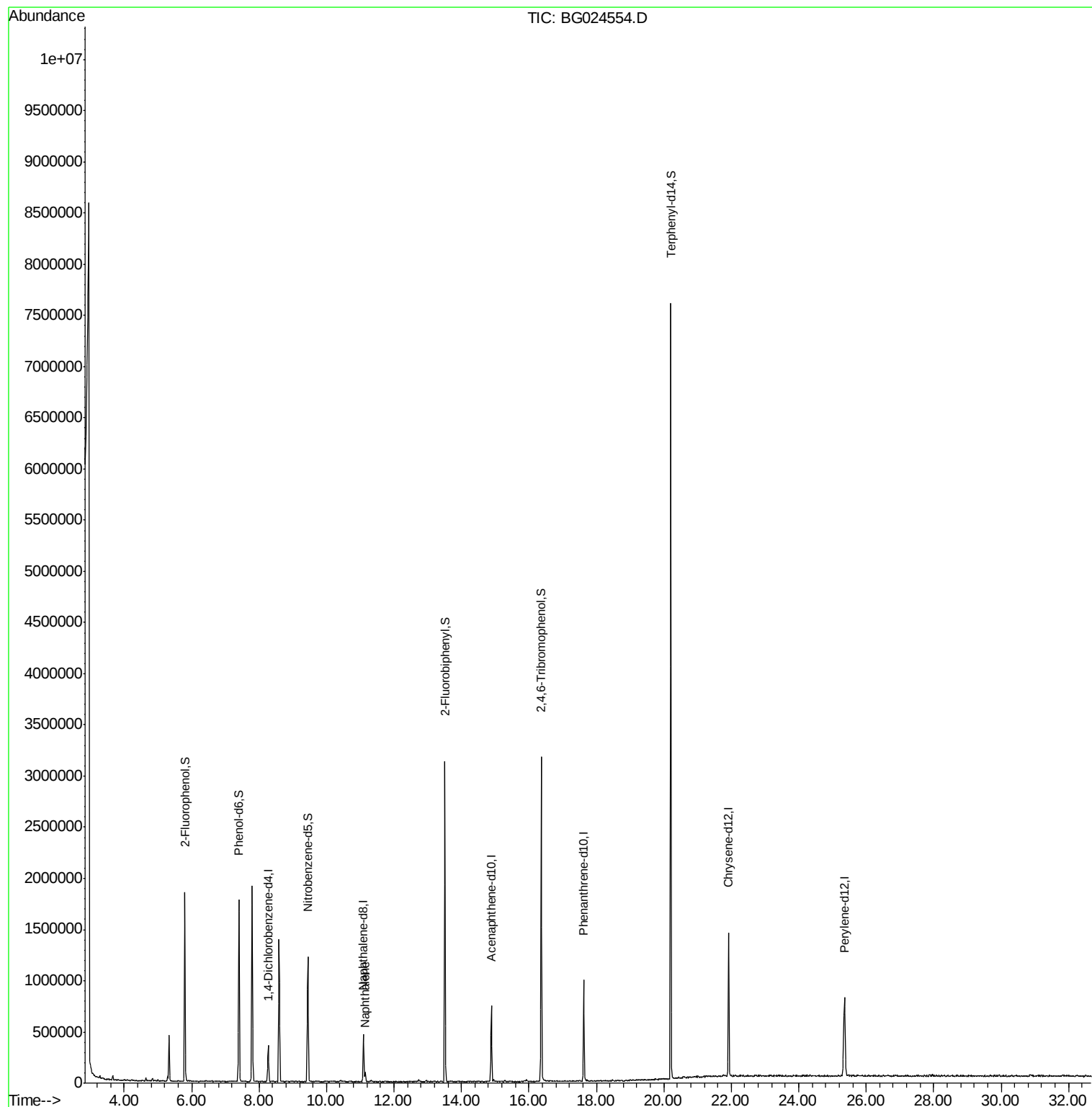
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	96267	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	349262	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	261892	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	615164	20.00	ng	0.00
75) Chrysene-d12	21.92	240	954734	20.00	ng	-0.01
86) Perylene-d12	25.36	264	968271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	709817	120.85	ng	0.00
7) Phenol-d6	7.40	99	930617	115.51	ng	0.00
23) Nitrobenzene-d5	9.45	82	775151	101.05	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	596342	152.42	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1529243	97.05	ng	0.00
78) Terphenyl-d14	20.21	244	3036509	95.04	ng	0.00
Target Compounds						
31) Naphthalene	11.15	128	76437	4.39	ng	Qvalue # 91

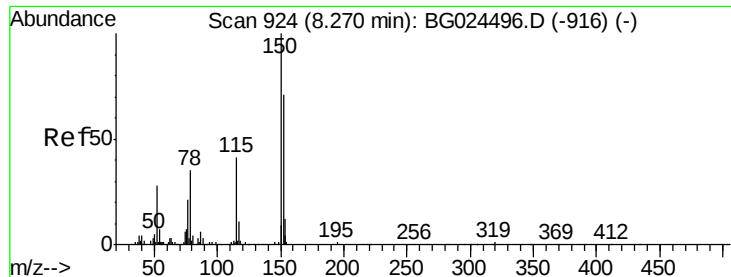
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024554.D

Acq: 29 Oct 2016 00:44

Instrument :

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ClientSampleId :

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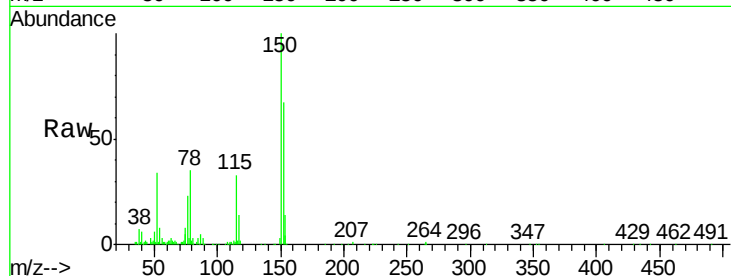
Tgt Ion:152 Resp: 96267

Ion Ratio Lower Upper

152 100

150 149.3 114.0 171.0

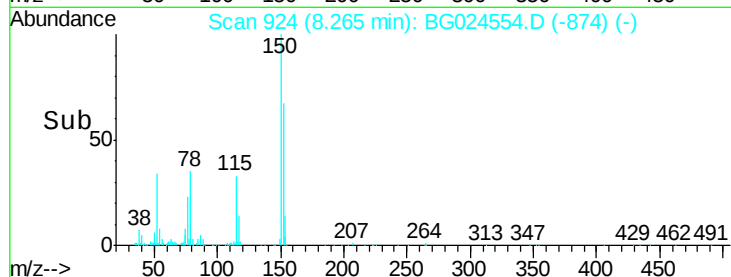
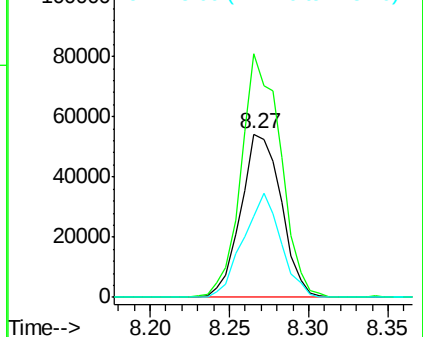
115 49.4 48.1 72.1



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: 120.85 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024554.D

Acq: 29 Oct 2016 00:44

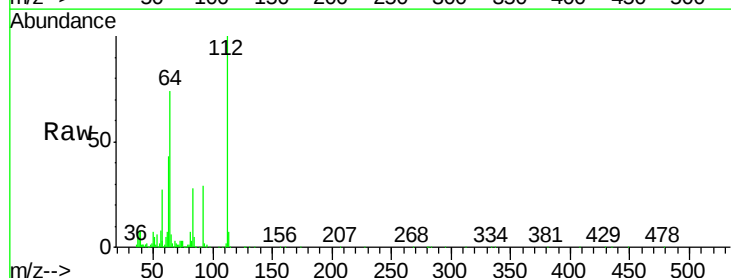
Tgt Ion:112 Resp: 709817

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

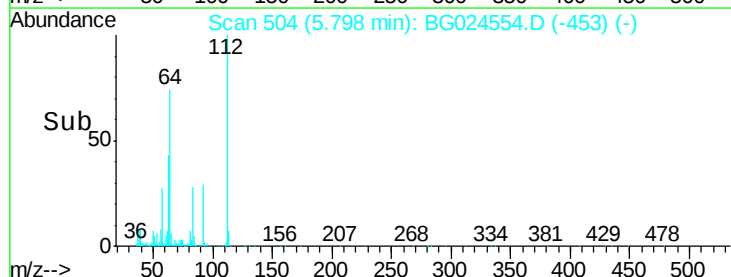
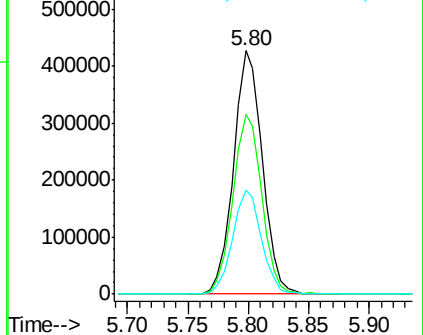
63 42.5 37.2 55.8



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: 115.51 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024554.D

Acq: 29 Oct 2016 00:44

Instrument :

BNA_G

ClientSampleId :

SB-8COMP(0-16FEET)

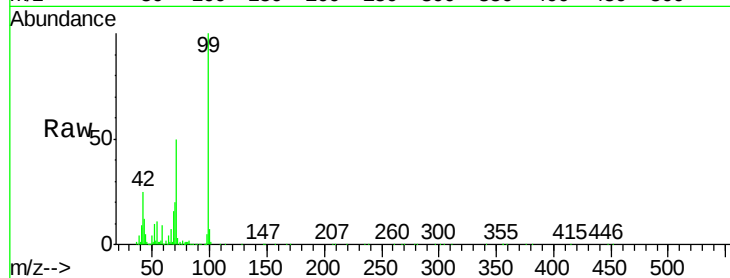
Tgt Ion: 99 Resp: 930617

Ion Ratio Lower Upper

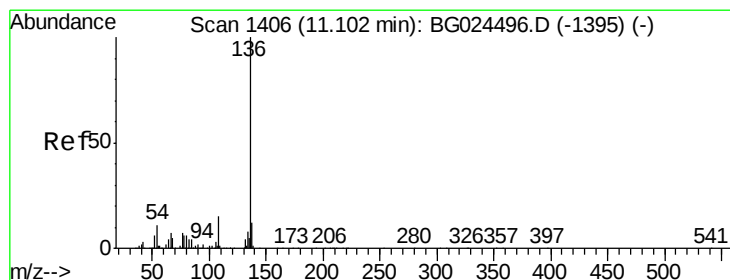
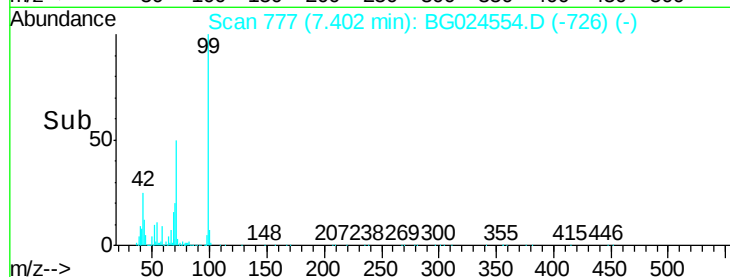
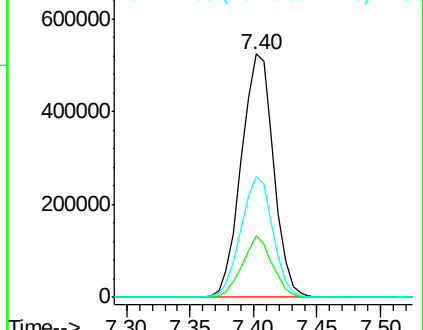
99 100

42 25.4 20.5 30.7

71 49.6 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: BG024554.D

Acq: 29 Oct 2016 00:44

Tgt Ion: 136 Resp: 349262

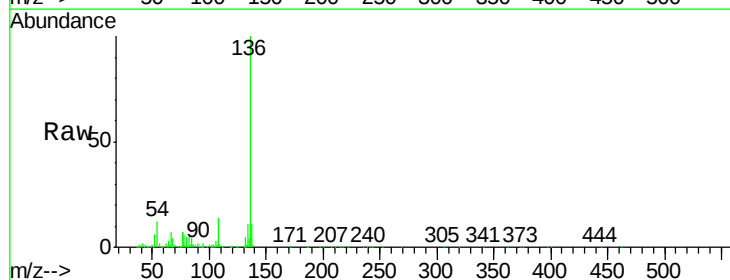
Ion Ratio Lower Upper

136 100

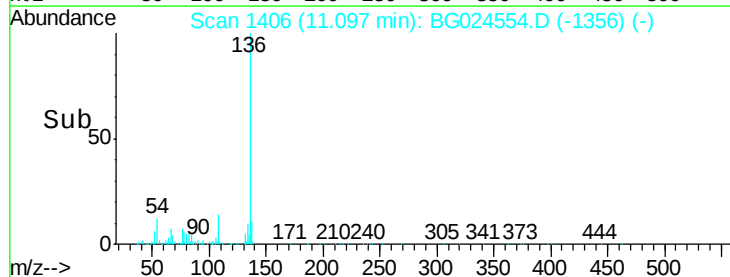
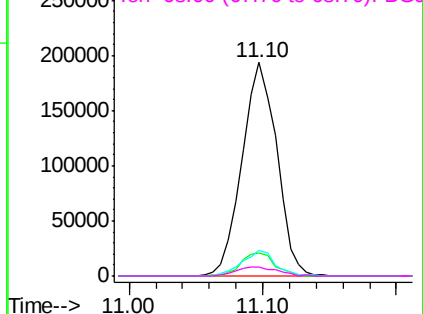
137 11.0 8.9 13.3

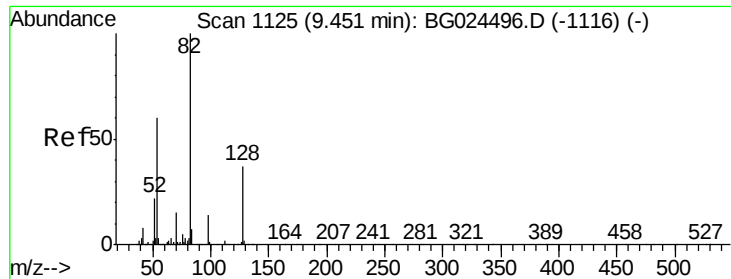
54 11.8 9.3 13.9

68 4.4 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

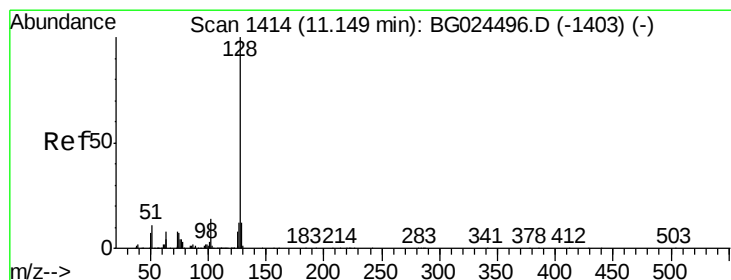
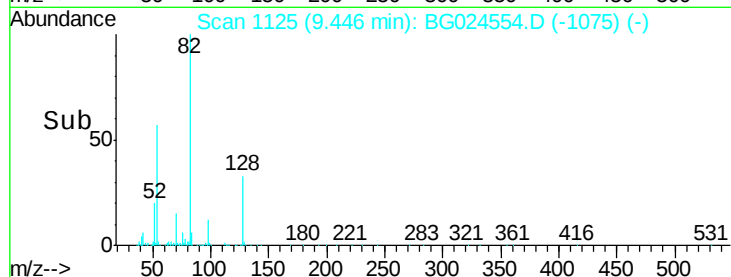
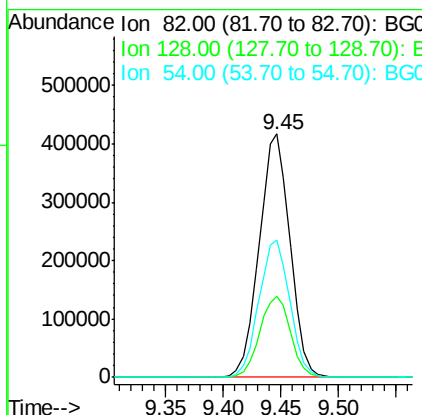
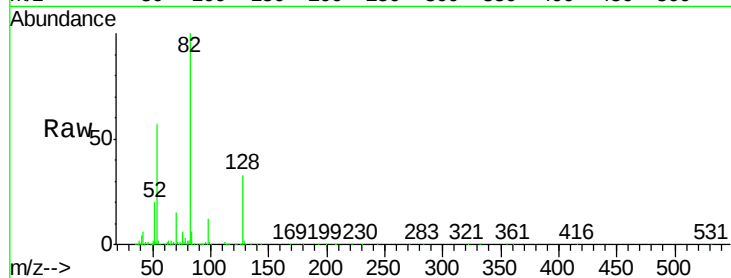




#23
 Nitrobenzene-d5
 Concen: 101.05 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024554.D
 Acq: 29 Oct 2016 00:44

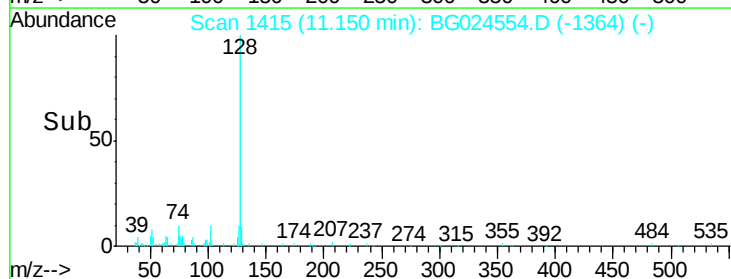
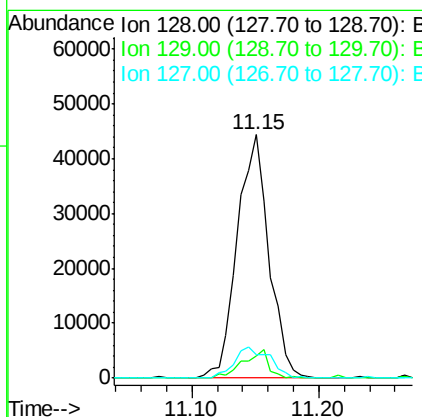
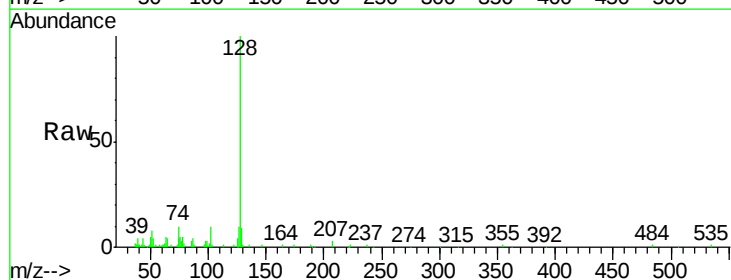
Instrument :
 BNA_G
 ClientSampleId :
 SB-8COMP(0-16FEET)

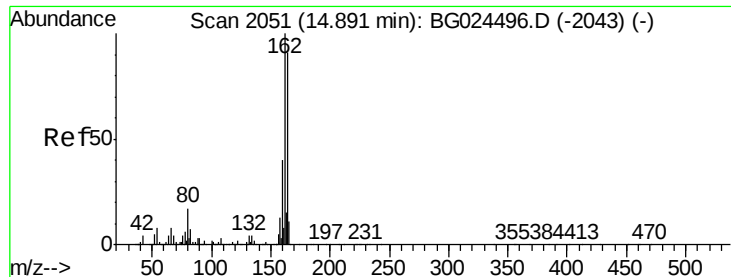
Tgt Ion: 82 Resp: 775151
 Ion Ratio Lower Upper
 82 100
 128 33.3 26.4 39.6
 54 56.6 49.4 74.2



#31
 Naphthalene
 Concen: 4.39 ng
 RT: 11.15 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BG024554.D
 Acq: 29 Oct 2016 00:44

Tgt Ion: 128 Resp: 76437
 Ion Ratio Lower Upper
 128 100
 129 9.3 9.3 13.9
 127 9.7 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG024554.D

Acq: 29 Oct 2016 00:44

Instrument :

BNA_G

ClientSampleId :

SB-8COMP(0-16FEET)

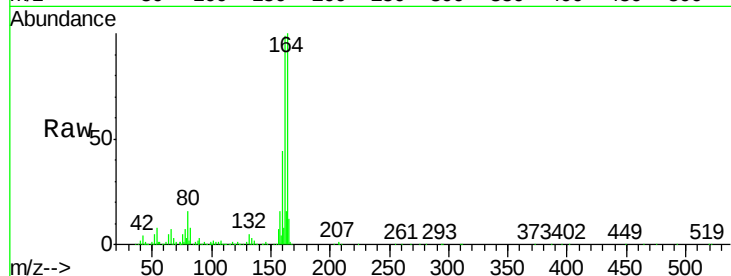
Tgt Ion:164 Resp: 261892

Ion Ratio Lower Upper

164 100

162 98.9 85.1 127.7

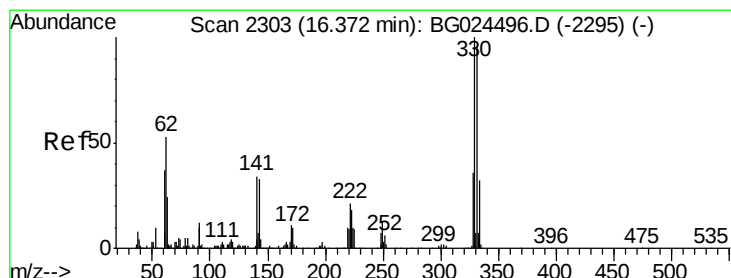
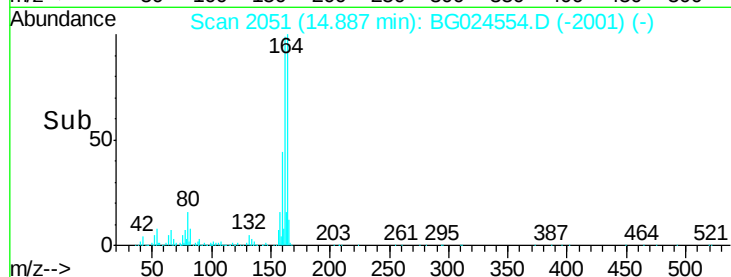
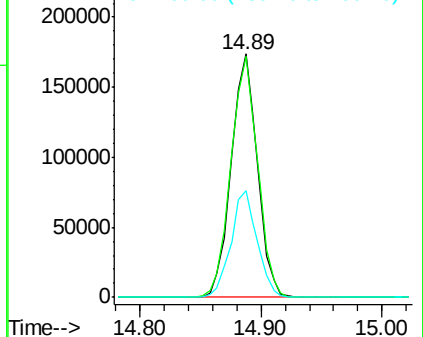
160 44.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 152.42 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024554.D

Acq: 29 Oct 2016 00:44

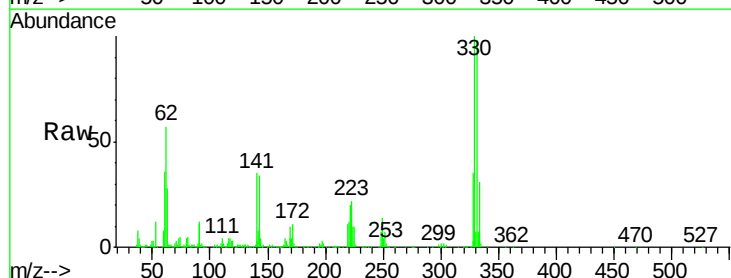
Tgt Ion:330 Resp: 596342

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

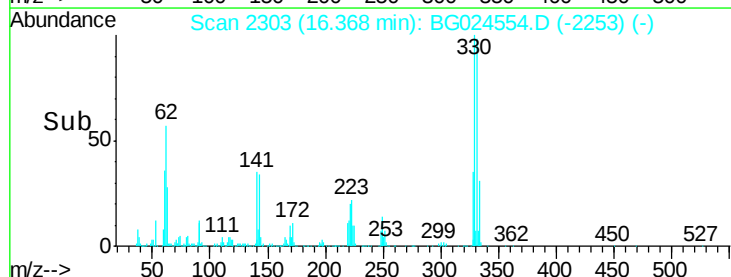
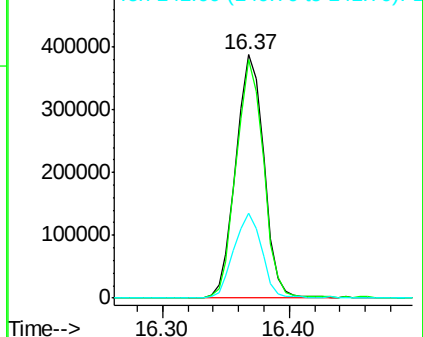
141 34.6 32.1 48.1



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: 97.05 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024554.D

Acq: 29 Oct 2016 00:44

Instrument :

BNA_G

ClientSampleId :

SB-8COMP(0-16FEET)

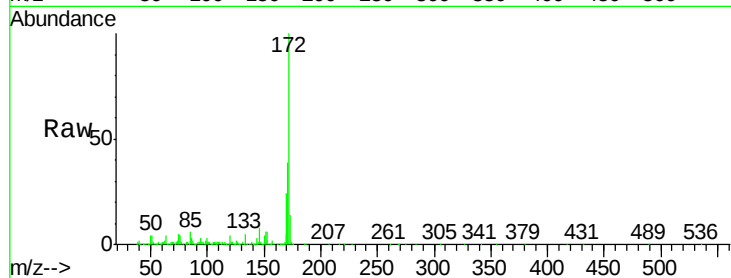
Tgt Ion:172 Resp: 1529243

Ion Ratio Lower Upper

172 100

171 39.1 32.2 48.2

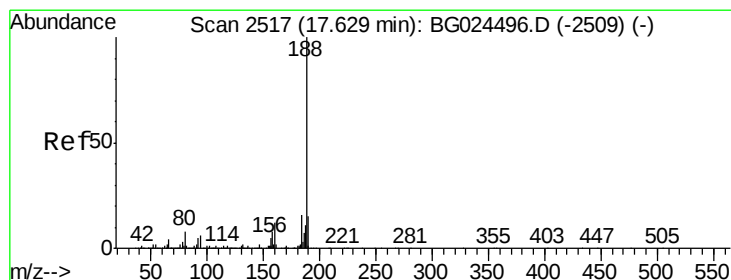
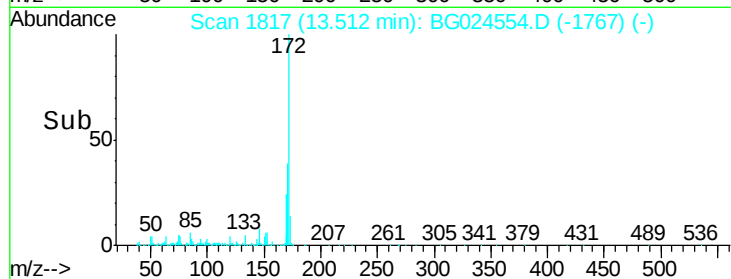
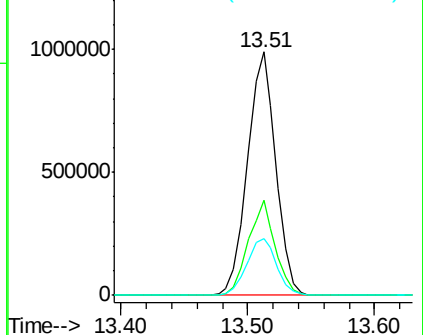
170 23.5 21.8 32.6



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: BG024554.D

Acq: 29 Oct 2016 00:44

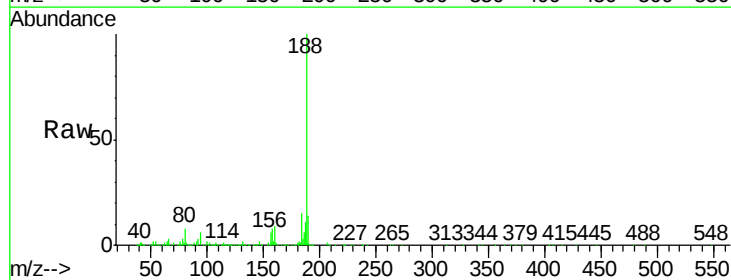
Tgt Ion:188 Resp: 615164

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

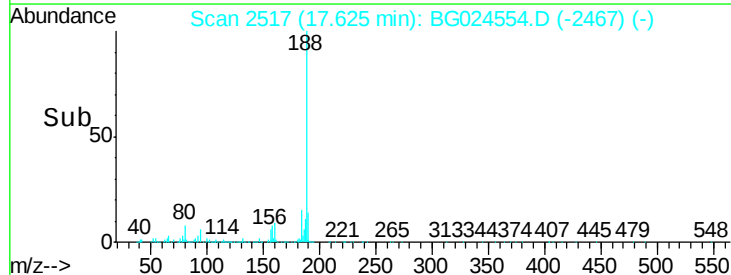
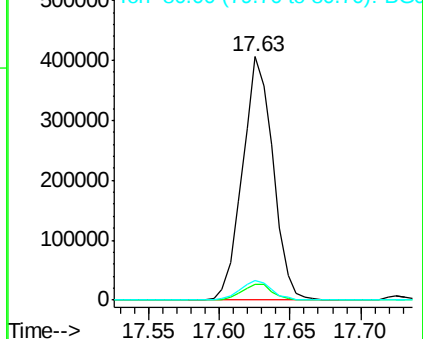
80 8.1 7.5 11.3

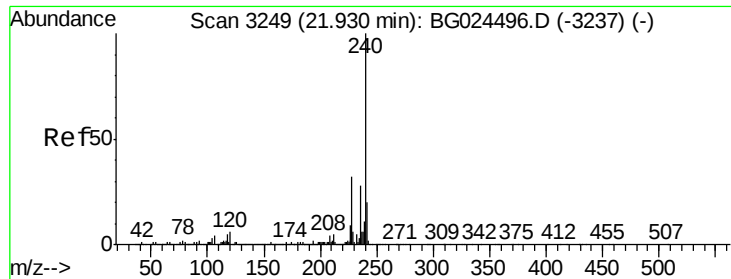


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

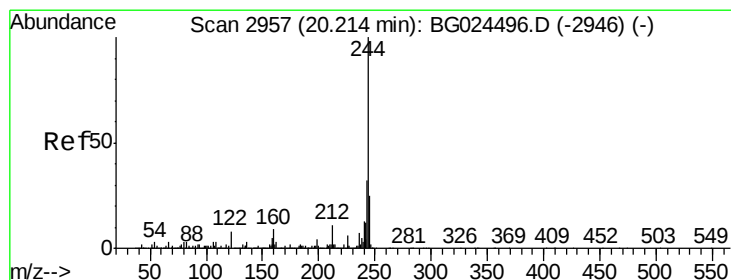
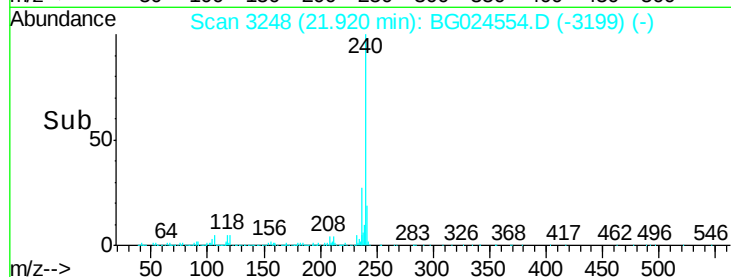
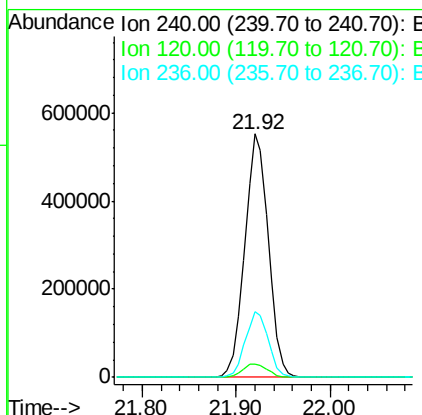
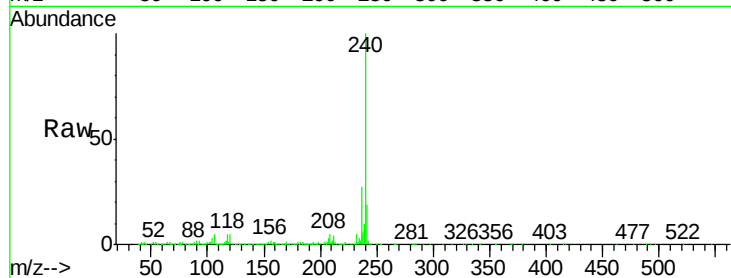




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024554.D
Acq: 29 Oct 2016 00:44

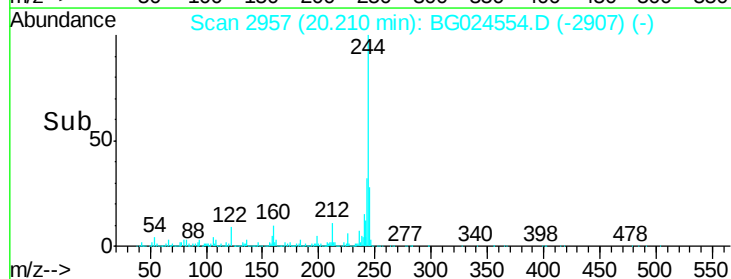
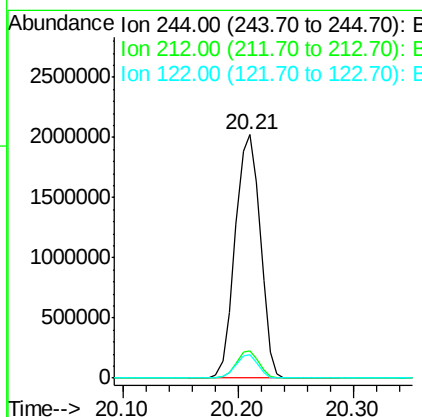
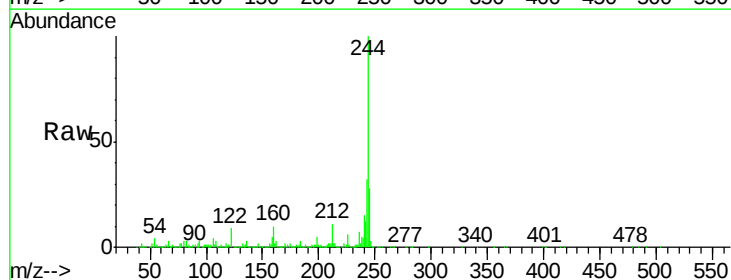
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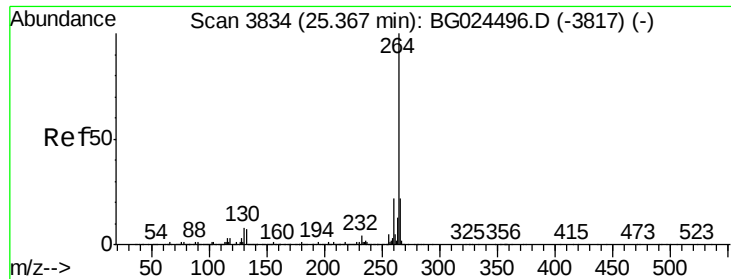
Tgt Ion:240 Resp: 954734
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 27.2 22.2 33.4



#78
Terphenyl-d14
Concen: 95.04 ng
RT: 20.21 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG024554.D
Acq: 29 Oct 2016 00:44

Tgt Ion:244 Resp: 3036509
Ion Ratio Lower Upper
244 100
212 11.1 10.0 15.0
122 9.4 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024554.D
Acq: 29 Oct 2016 00:44

Instrument :
BNA_G
ClientSampleId :
SB-8COMP(0-16FEET)

Tgt Ion:	264	Resp:	968271
Ion Ratio	Lower	Upper	
264	100		
260	25.1	21.8	32.8
265	21.7	18.2	27.4

