

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024550.D
 Acq On : 28 Oct 2016 22:11
 Operator : UM/SJ
 Sample : H5439-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4COMP(0-16FEET)

Quant Time: Oct 28 23:46:59 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	102353	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	372680	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	280314	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	645733	20.00	ng	0.00
75) Chrysene-d12	21.92	240	966340	20.00	ng	0.00
86) Perylene-d12	25.35	264	982453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	768401	123.04	ng	0.00
7) Phenol-d6	7.40	99	1015687	118.57	ng	0.00
23) Nitrobenzene-d5	9.45	82	806942	98.58	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	616400	147.19	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1618260	95.95	ng	0.00
78) Terphenyl-d14	20.21	244	3049713	94.30	ng	0.00

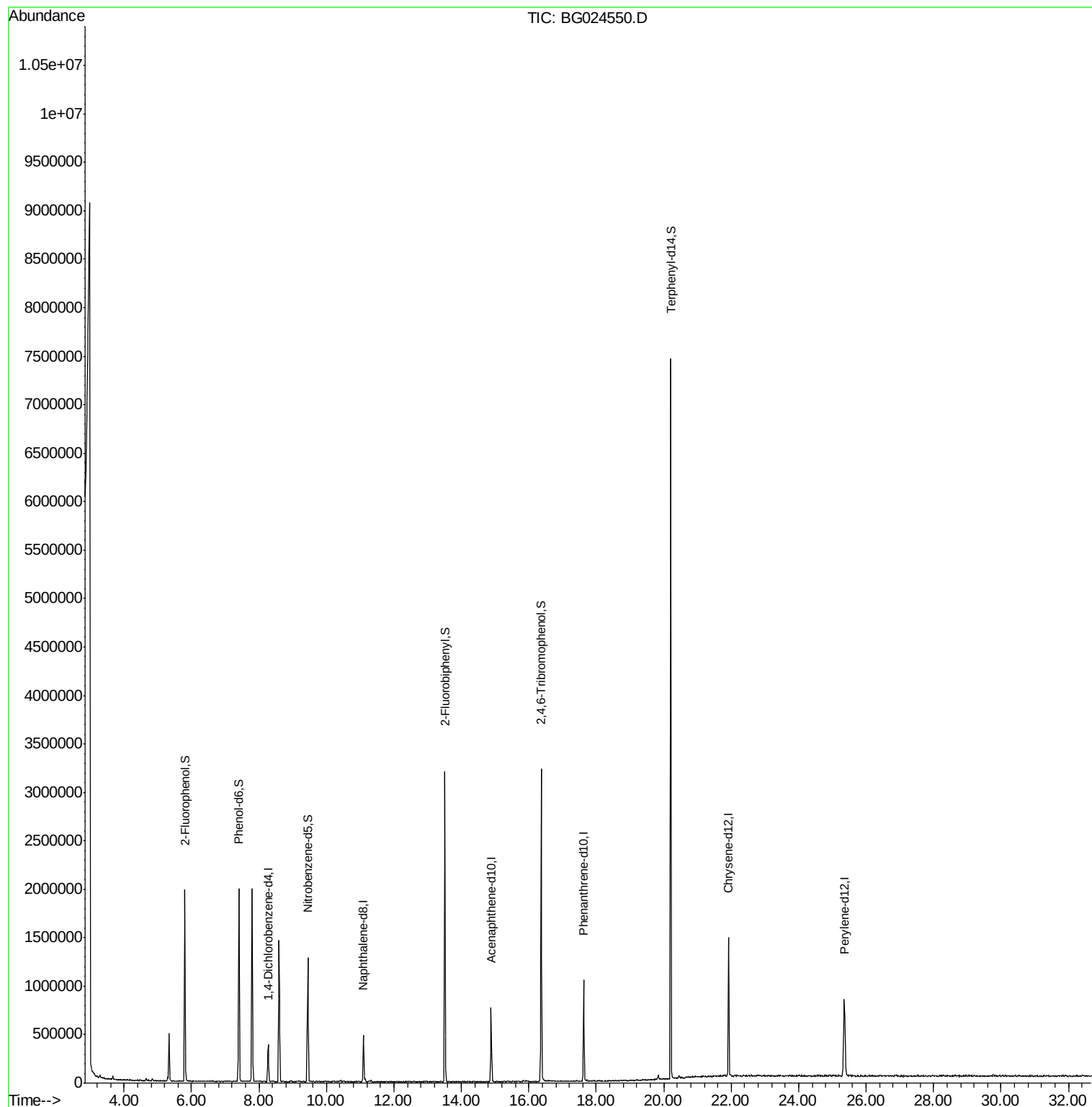
Target Compounds	Qvalue
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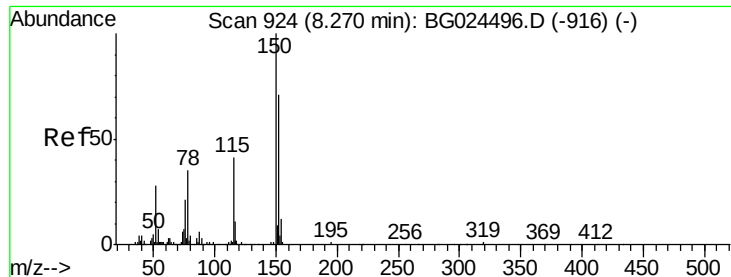
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024550.D

Acq: 28 Oct 2016 22:11

Instrument :

BNA_G

ClientSampleId :

SB-4COMP(0-16FEET)

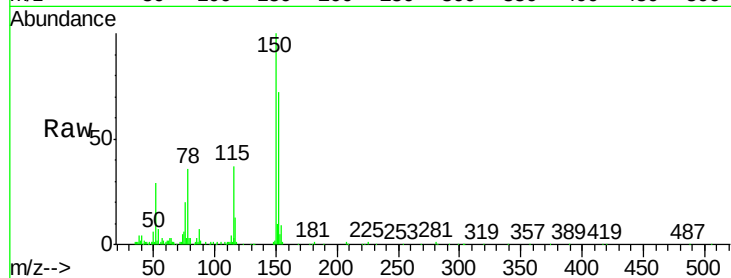
Tgt Ion:152 Resp: 102353

Ion Ratio Lower Upper

152 100

150 139.7 114.0 171.0

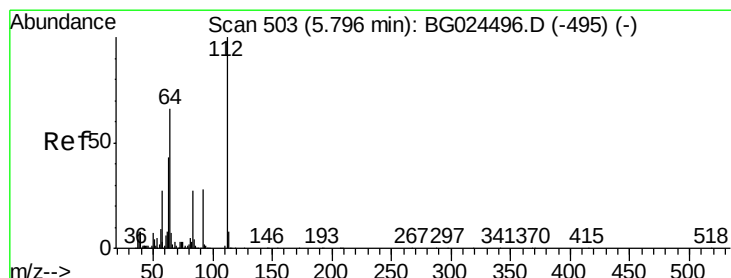
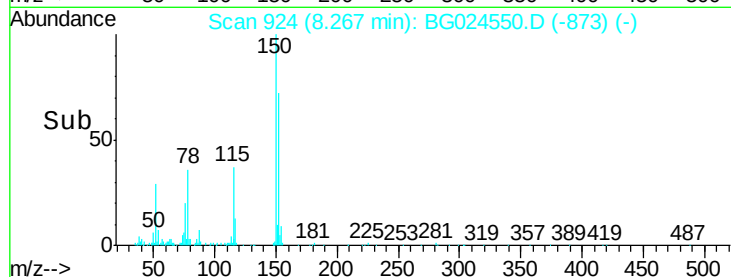
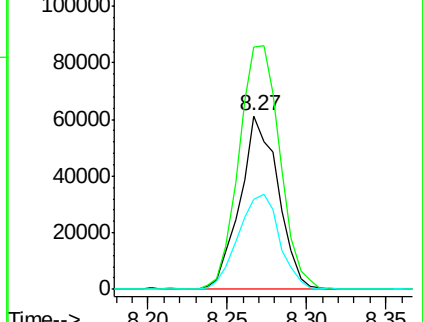
115 52.0 48.1 72.1



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: 123.04 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

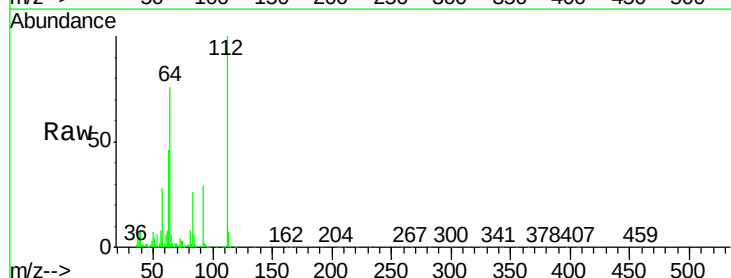
Tgt Ion:112 Resp: 768401

Ion Ratio Lower Upper

112 100

64 75.9 61.8 92.6

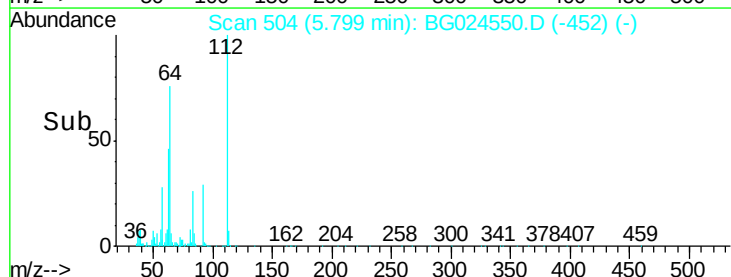
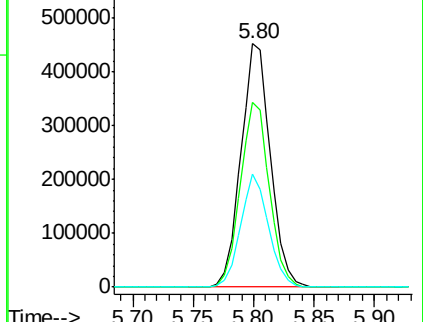
63 46.4 37.2 55.8

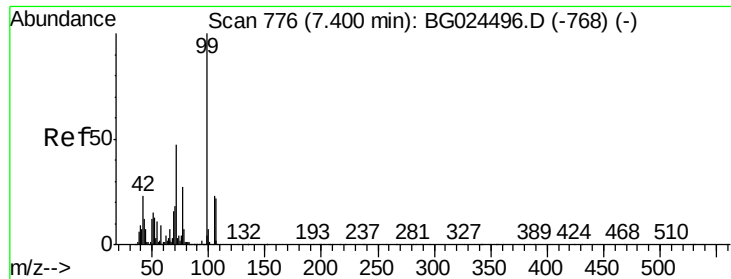


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 118.57 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

Instrument :

BNA_G

ClientSampleId :

SB-4COMP(0-16FEET)

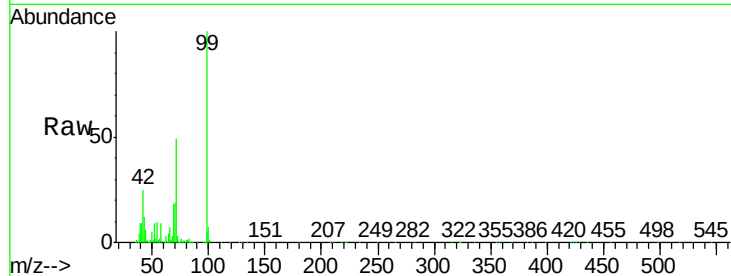
Tgt Ion: 99 Resp: 1015687

Ion Ratio Lower Upper

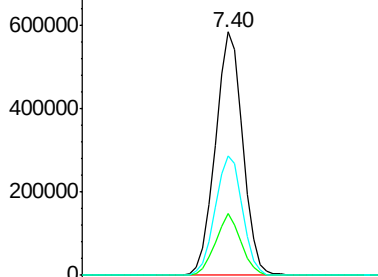
99 100

42 25.2 20.5 30.7

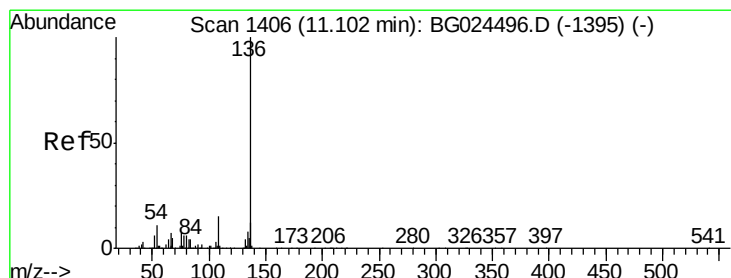
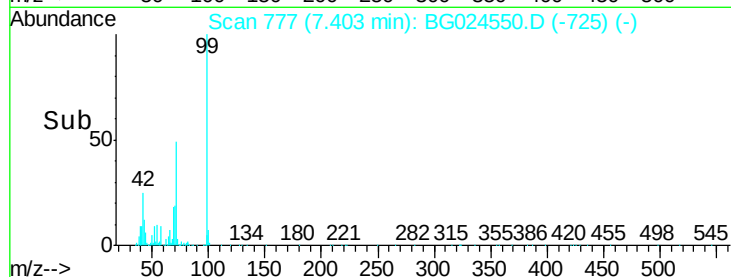
71 49.0 37.6 56.4



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



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: BG024550.D

Acq: 28 Oct 2016 22:11

Tgt Ion: 136 Resp: 372680

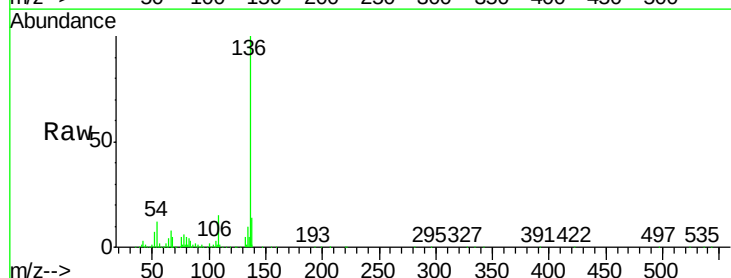
Ion Ratio Lower Upper

136 100

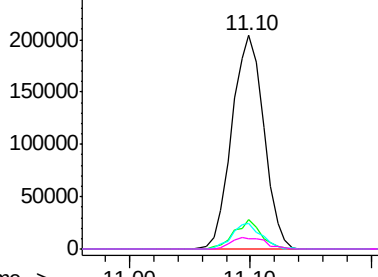
137 13.8 8.9 13.3#

54 12.2 9.3 13.9

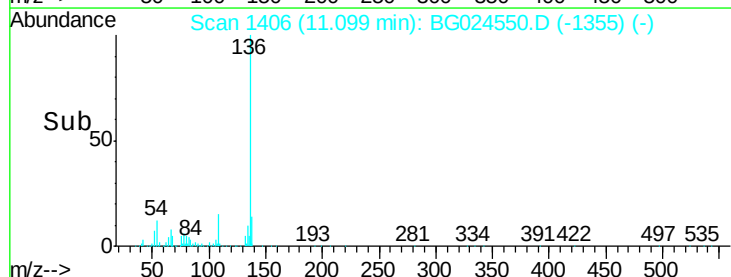
68 4.6 5.1 7.7#

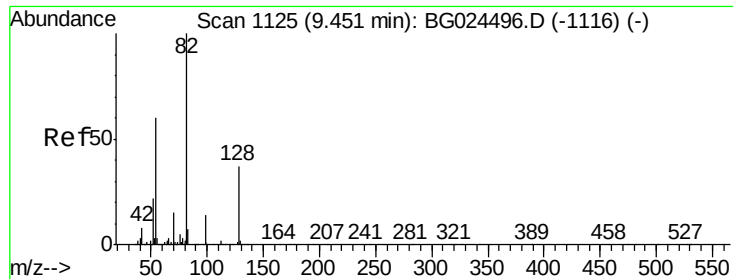


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.00 11.10

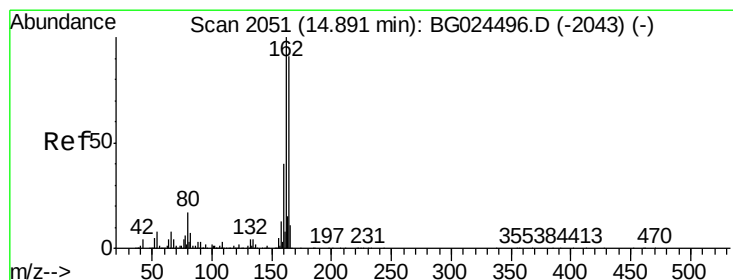
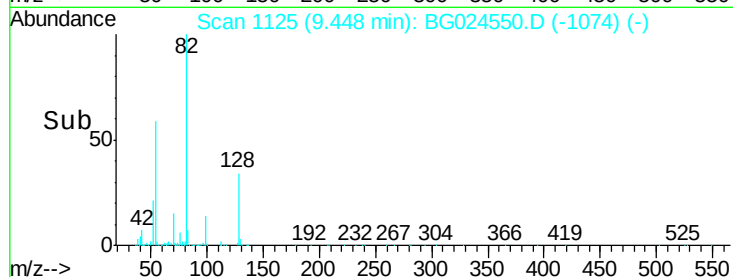
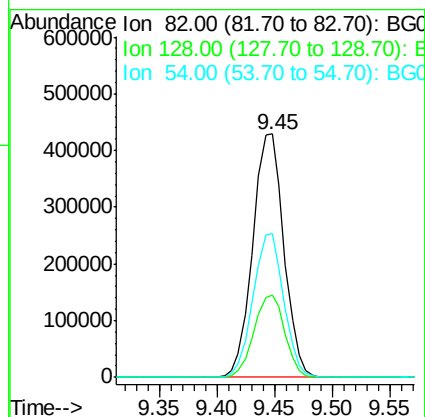
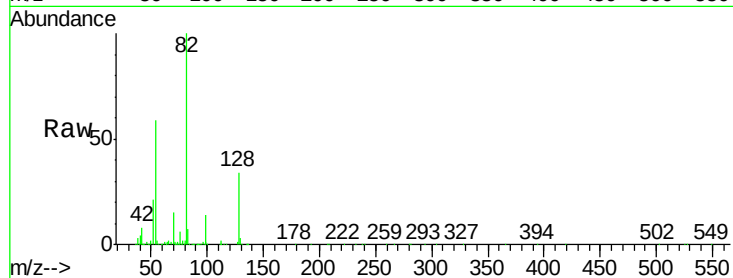




#23
 Nitrobenzene-d5
 Concen: 98.58 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024550.D
 Acq: 28 Oct 2016 22:11

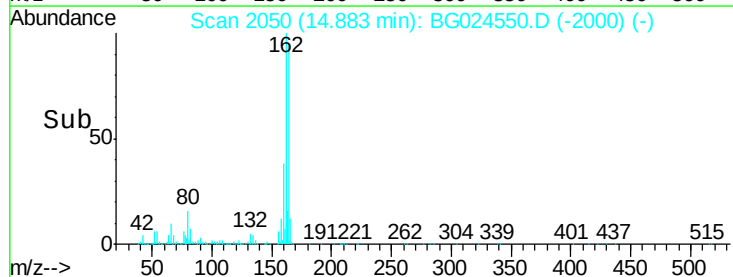
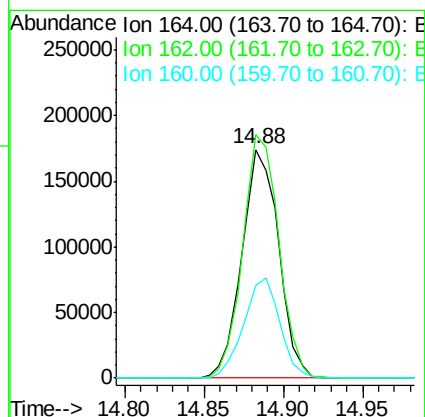
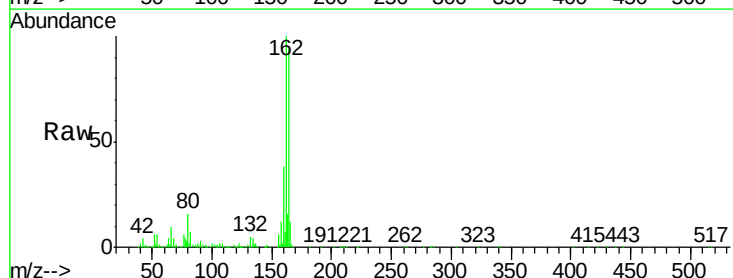
Instrument :
 BNA_G
 ClientSampleId :
 SB-4COMP(0-16FEET)

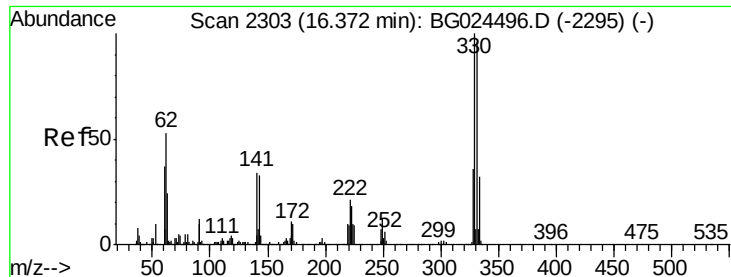
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	58.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024550.D
 Acq: 28 Oct 2016 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	40.3	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 147.19 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

Instrument :

BNA_G

ClientSampleId :

SB-4COMP(0-16FEET)

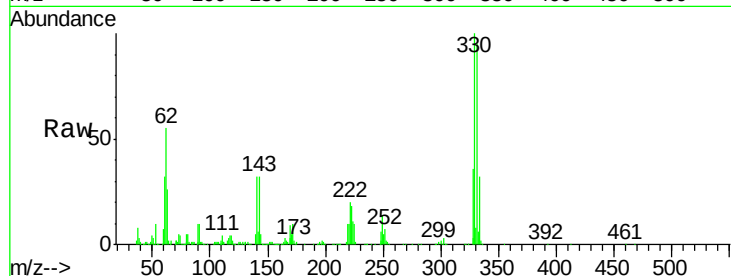
Tgt Ion:330 Resp: 616400

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

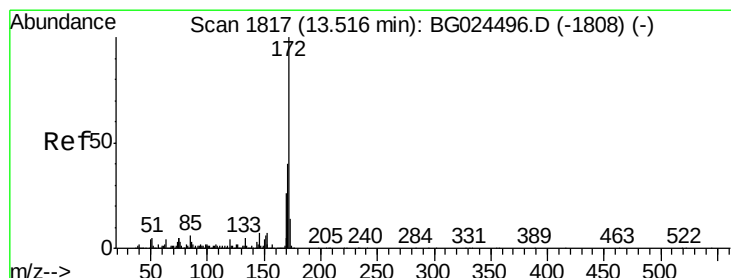
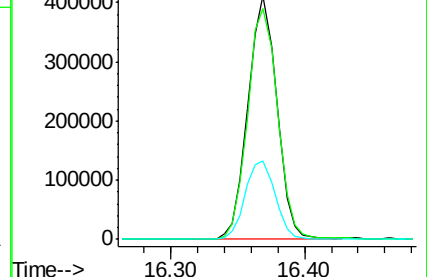
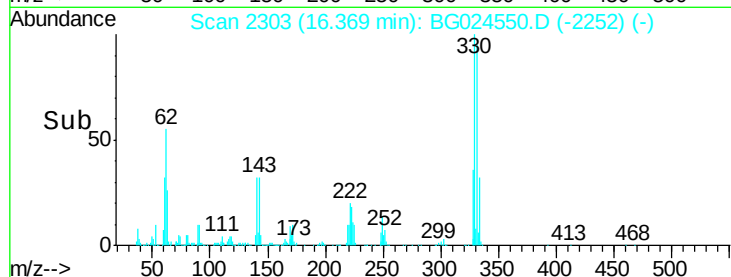
141 33.8 32.1 48.1



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: 95.95 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

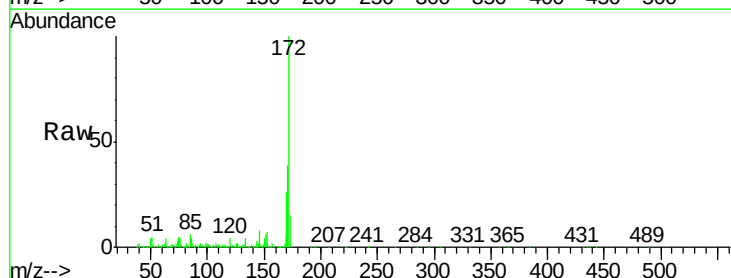
Tgt Ion:172 Resp: 1618260

Ion Ratio Lower Upper

172 100

171 38.7 32.2 48.2

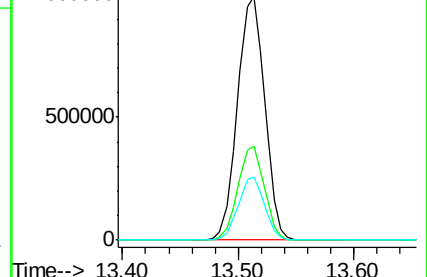
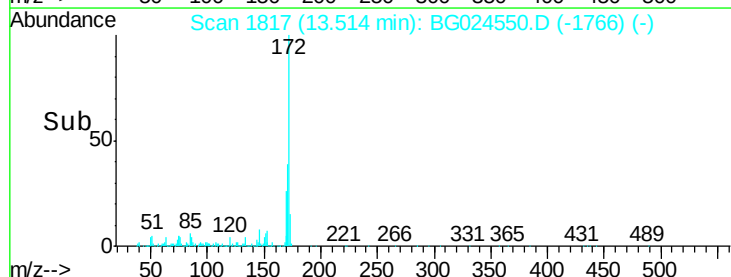
170 26.0 21.8 32.6

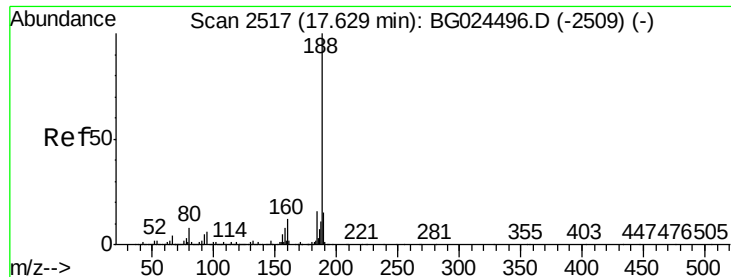


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

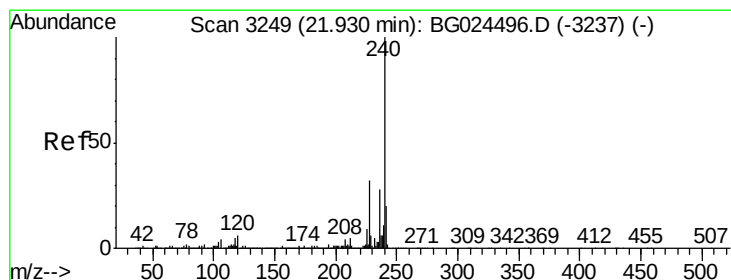
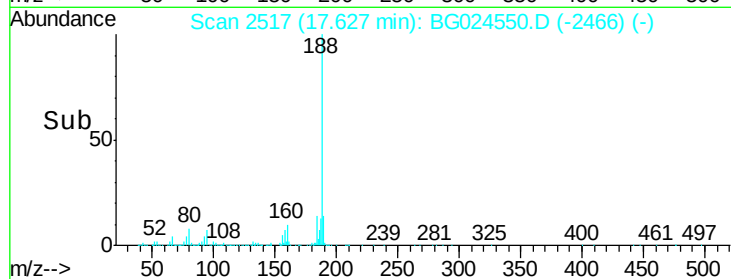
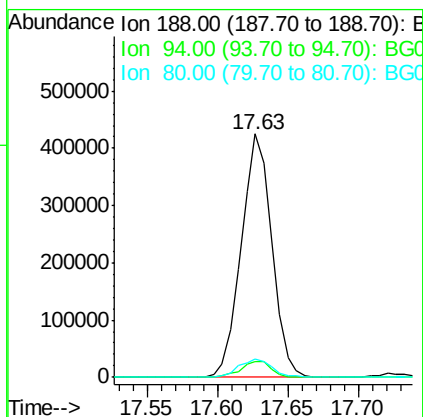
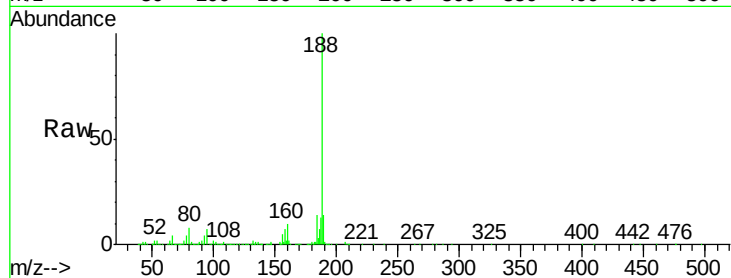




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024550.D
Acq: 28 Oct 2016 22:11

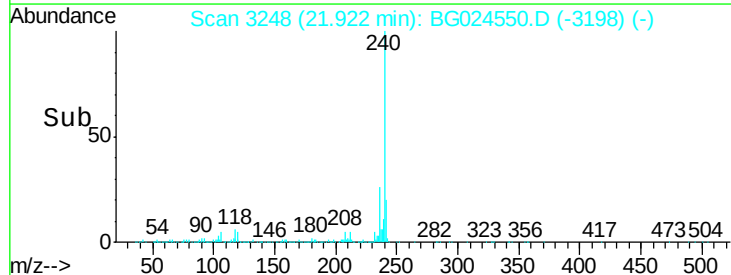
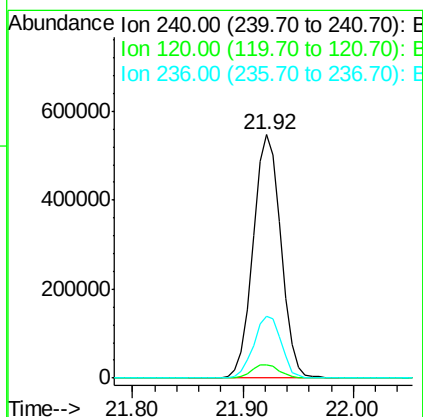
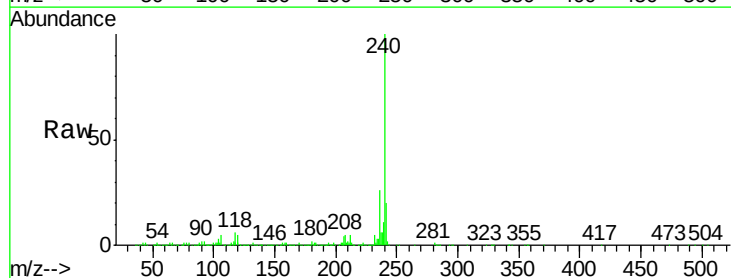
Instrument :
BNA_G
ClientSampleId :
SB-4COMP(0-16FEET)

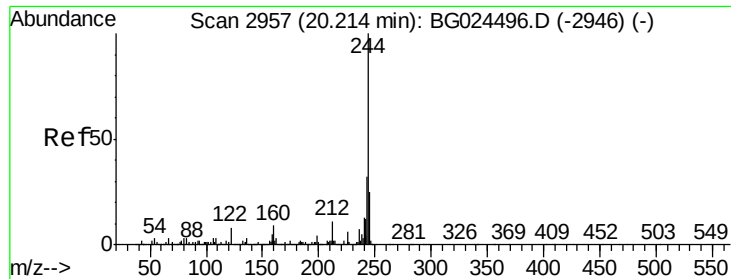
Tgt Ion:188 Resp: 645733
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024550.D
Acq: 28 Oct 2016 22:11

Tgt Ion:240 Resp: 966340
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 94.30 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

Instrument :

BNA_G

ClientSampleId :

SB-4COMP(0-16FEET)

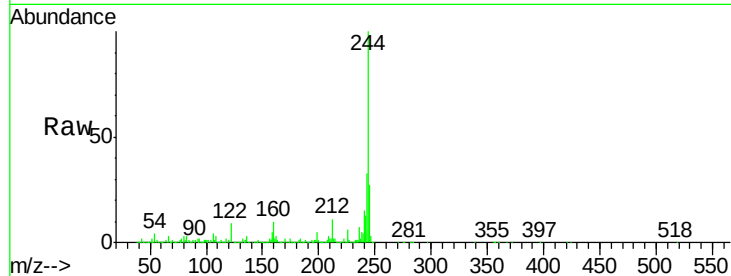
Tgt Ion:244 Resp: 3049713

Ion Ratio Lower Upper

244 100

212 11.3 10.0 15.0

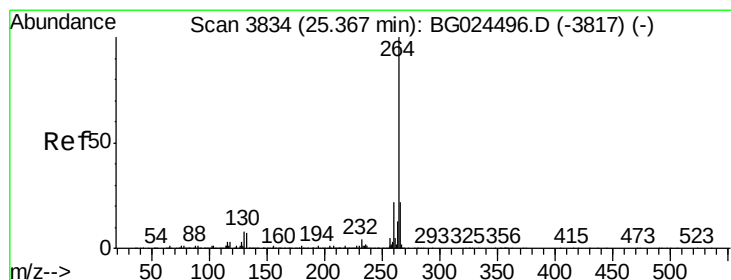
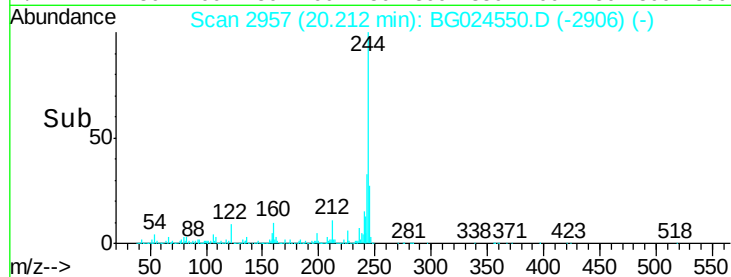
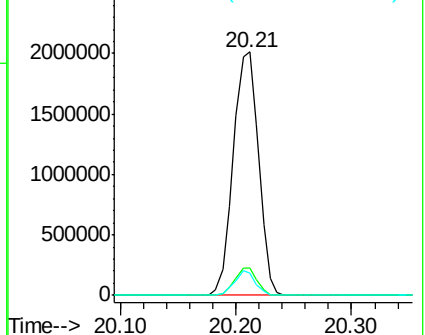
122 9.3 8.6 12.8



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: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024550.D

Acq: 28 Oct 2016 22:11

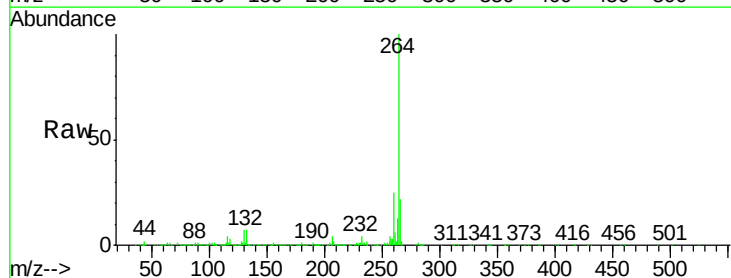
Tgt Ion:264 Resp: 982453

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 21.9 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

