

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024580.D
 Acq On : 1 Nov 2016 7:00
 Operator : UM/SJ
 Sample : H5445-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-5-6

Quant Time: Nov 01 12:04:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

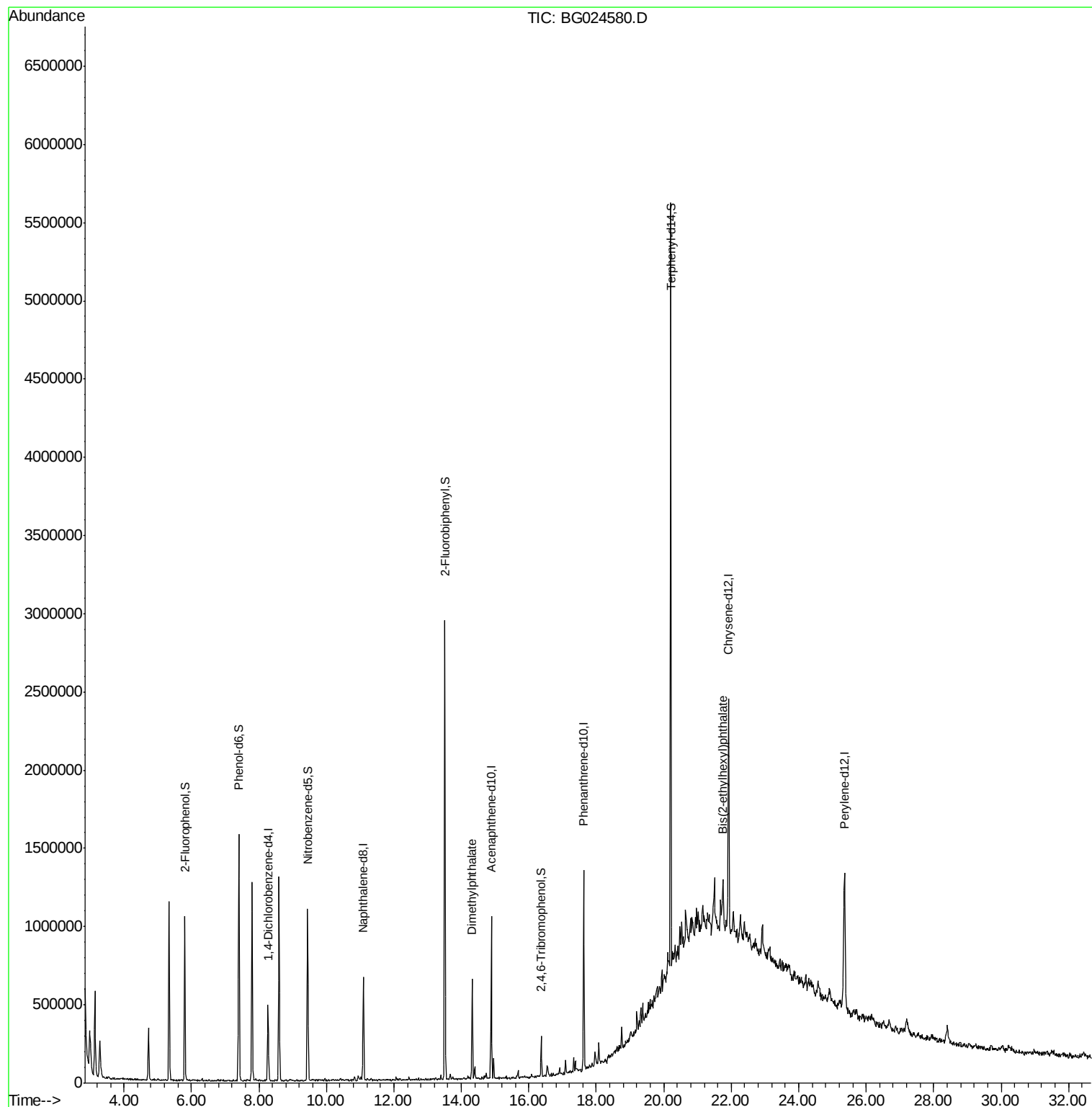
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	133335	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	518034	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	389719	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	815154	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018776	20.00	ng	0.00
86) Perylene-d12	25.36	264	1075585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	420302	51.66	ng	0.00
7) Phenol-d6	7.41	99	868191	77.80	ng	0.00
23) Nitrobenzene-d5	9.44	82	702835	61.77	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	52018	8.93	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1479069	63.08	ng	0.00
78) Terphenyl-d14	20.20	244	2231441	65.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	386358	13.96	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	90828	3.06	ng	# 99

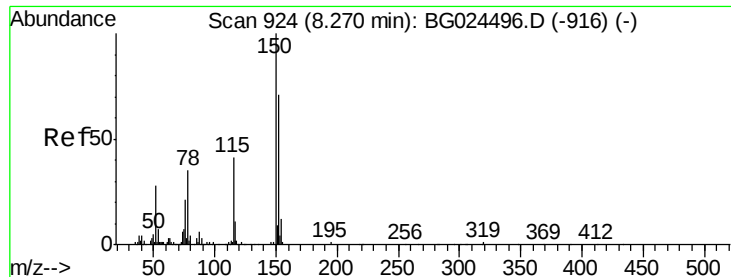
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-6-5-6

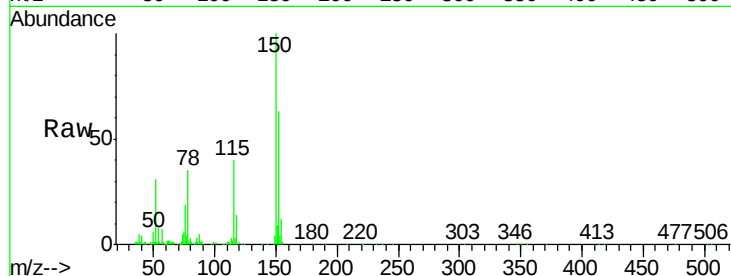
Tgt Ion:152 Resp: 133335

Ion Ratio Lower Upper

152 100

150 158.1 114.0 171.0

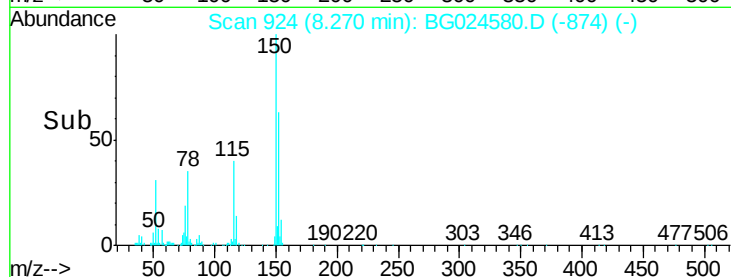
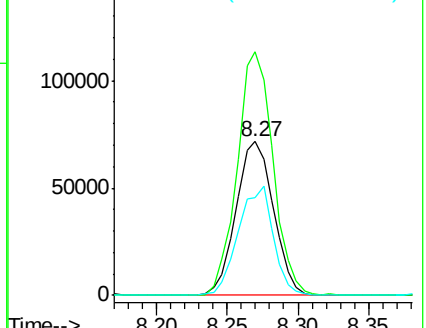
115 63.4 48.1 72.1



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: 51.66 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

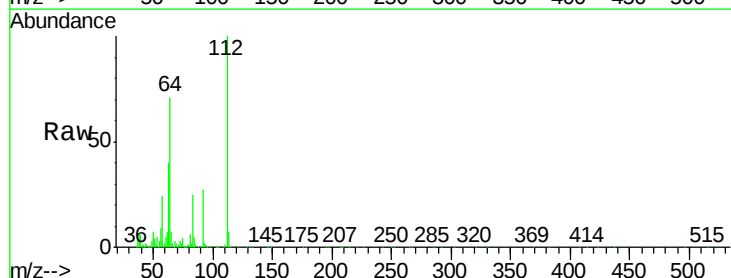
Tgt Ion:112 Resp: 420302

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

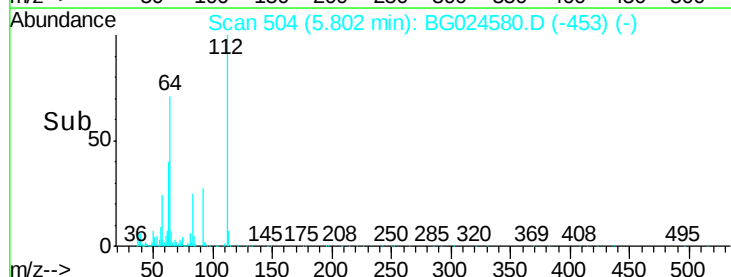
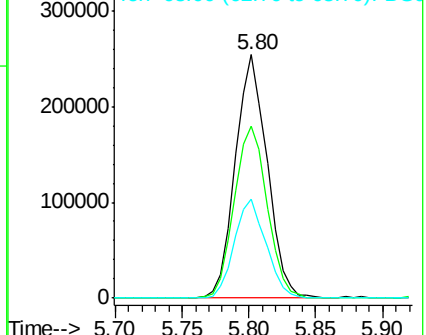
63 40.5 37.2 55.8

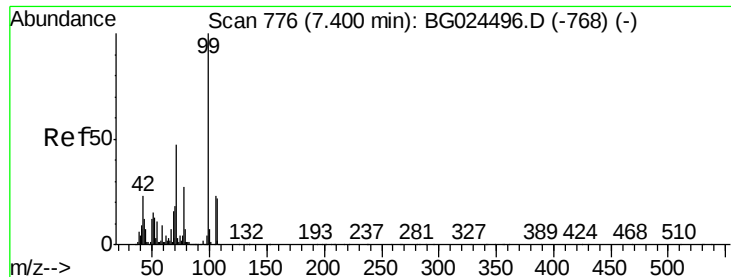


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 77.80 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-6-5-6

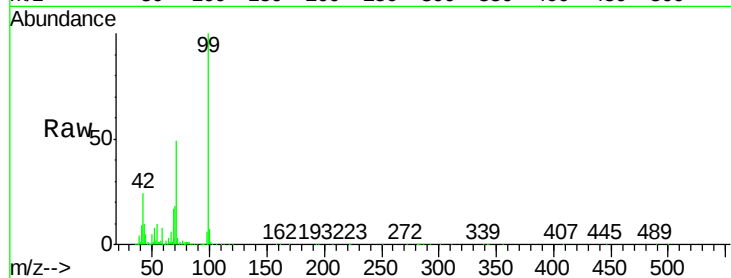
Tgt Ion: 99 Resp: 868191

Ion Ratio Lower Upper

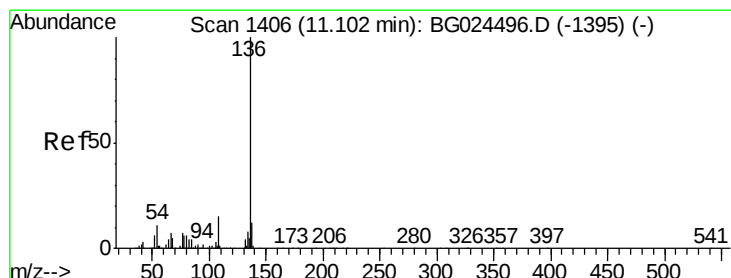
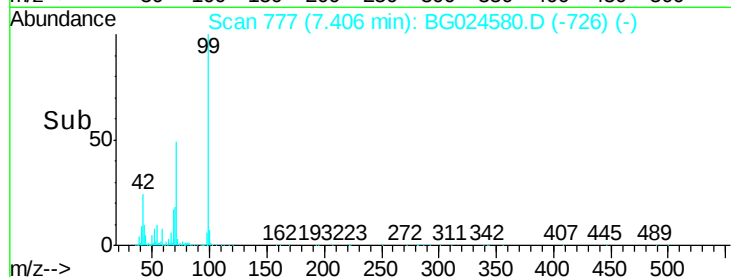
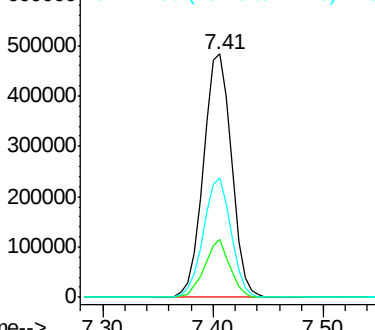
99 100

42 23.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Tgt Ion: 136 Resp: 518034

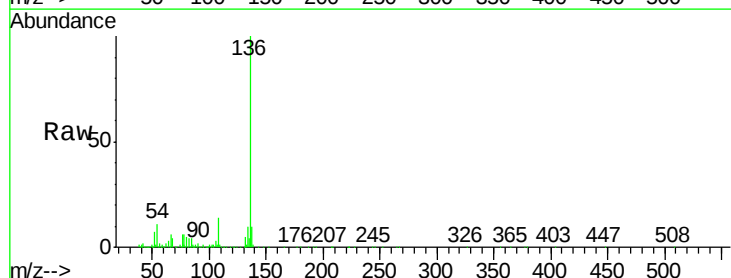
Ion Ratio Lower Upper

136 100

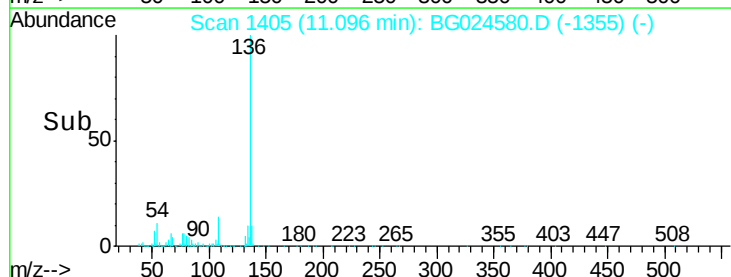
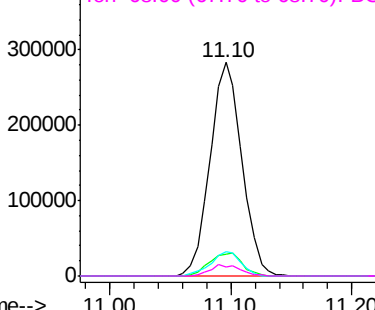
137 10.4 8.9 13.3

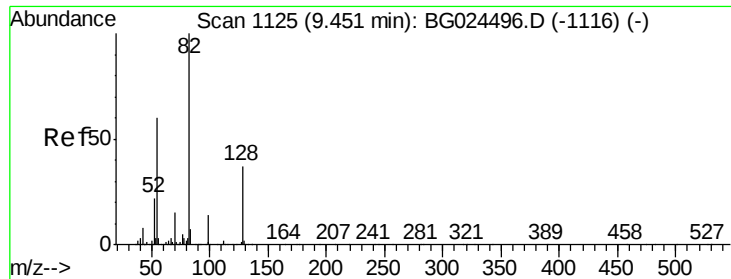
54 11.3 9.3 13.9

68 4.1 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

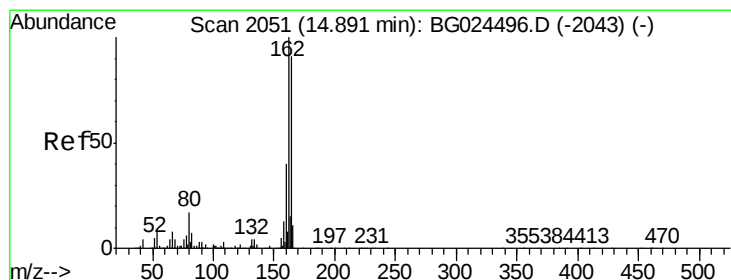
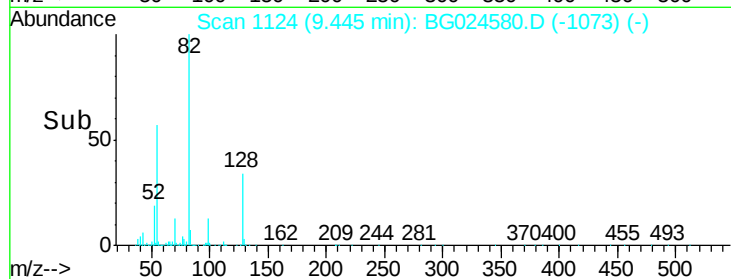
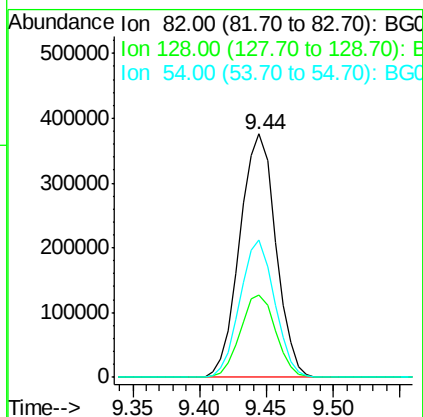
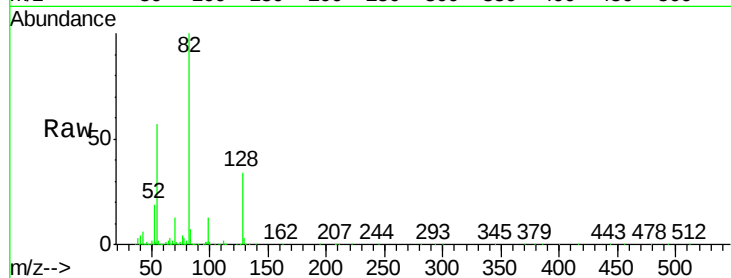




#23
 Nitrobenzene-d5
 Concen: 61.77 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG024580.D
 Acq: 1 Nov 2016 7:00

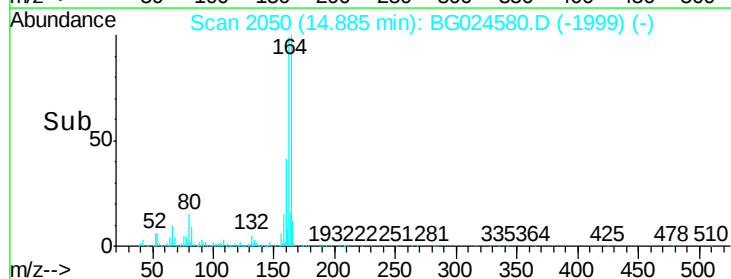
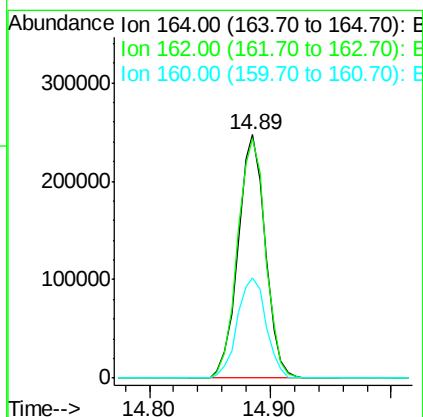
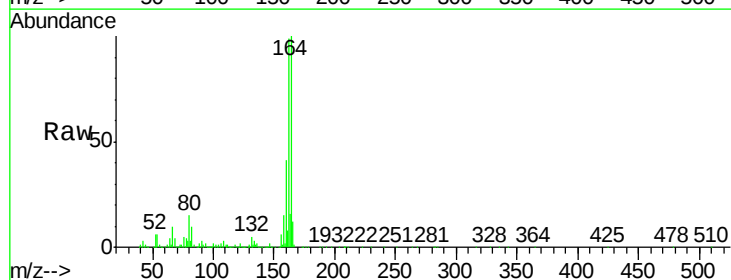
Instrument :
 BNA_G
 ClientSampleId :
 SB-6-5-6

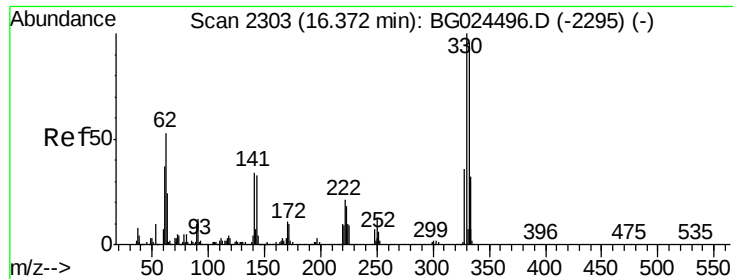
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BG024580.D
 Acq: 1 Nov 2016 7:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	85.1	127.7
160	41.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 8.93 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-6-5-6

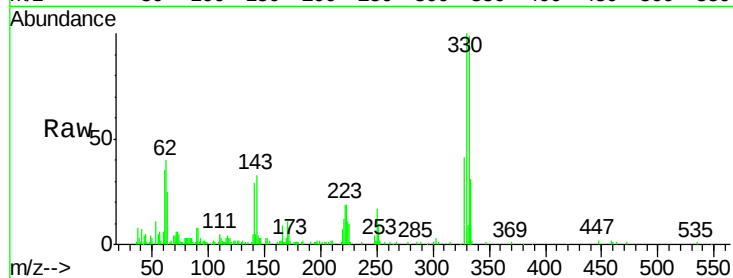
Tgt Ion:330 Resp: 52018

Ion Ratio Lower Upper

330 100

332 100.4 77.3 115.9

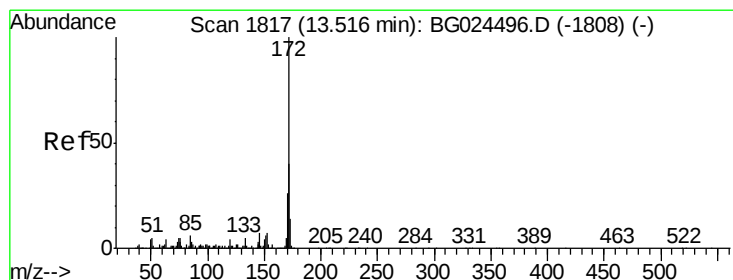
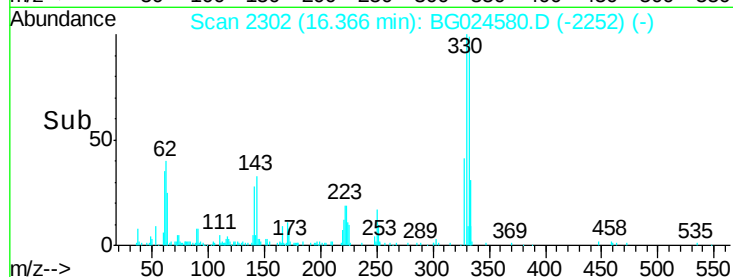
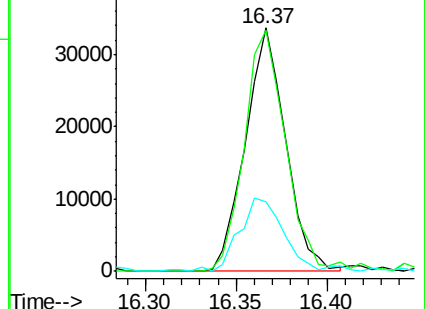
141 33.4 32.1 48.1



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: 63.08 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

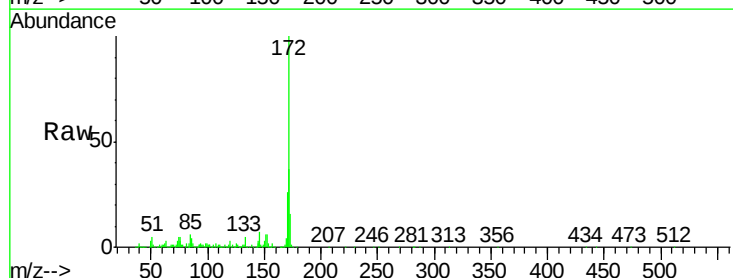
Tgt Ion:172 Resp: 1479069

Ion Ratio Lower Upper

172 100

171 37.2 32.2 48.2

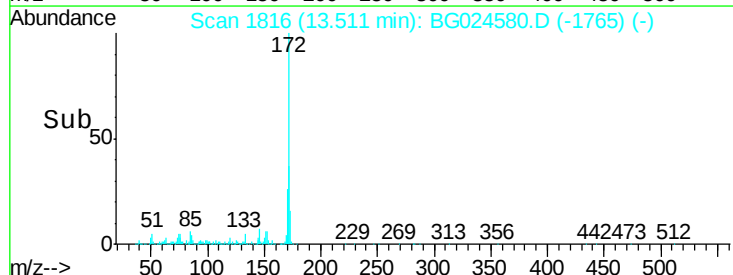
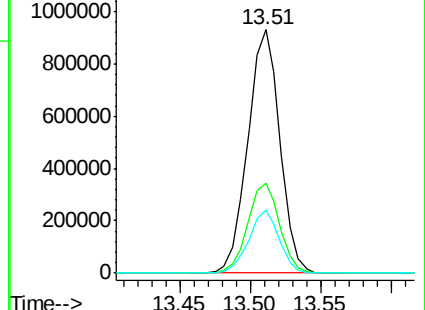
170 26.1 21.8 32.6



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





#49

Dimethylphthalate

Concen: 13.96 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-6-5-6

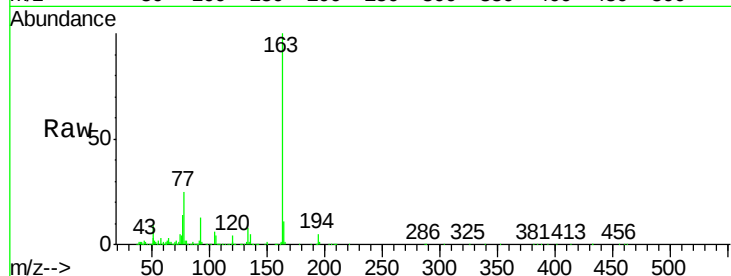
Tgt Ion:163 Resp: 386358

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

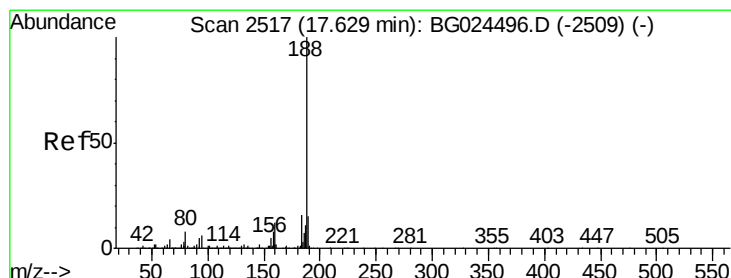
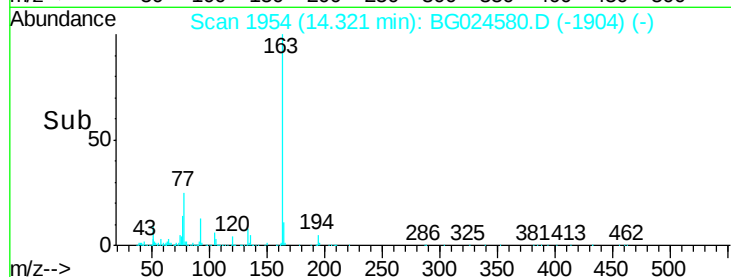
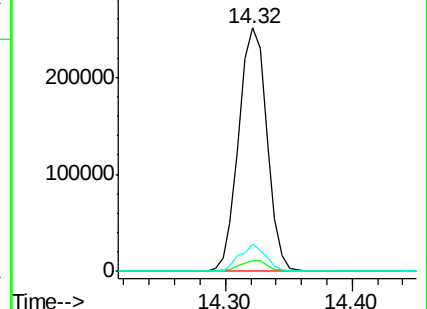
164 11.2 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

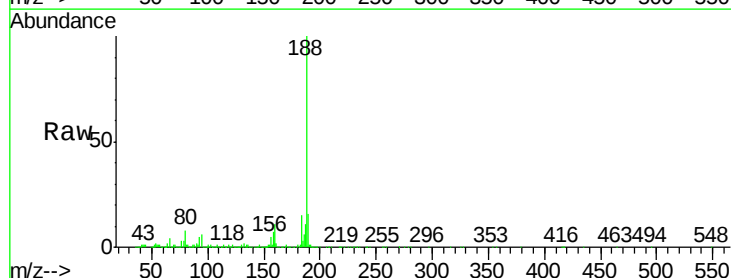
Tgt Ion:188 Resp: 815154

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

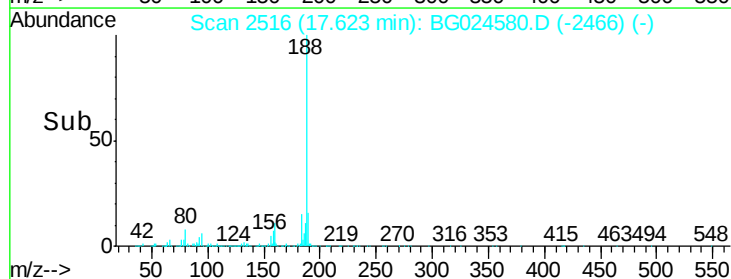
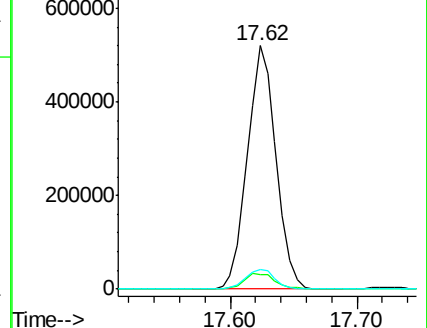
80 8.1 7.5 11.3

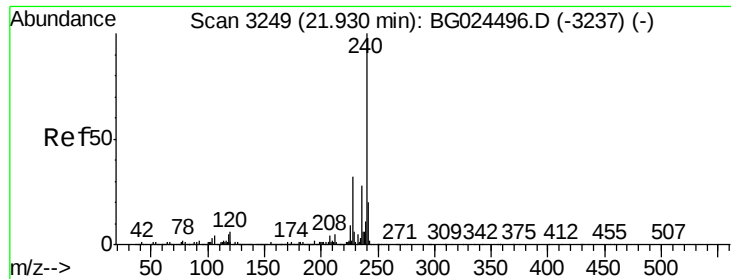


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

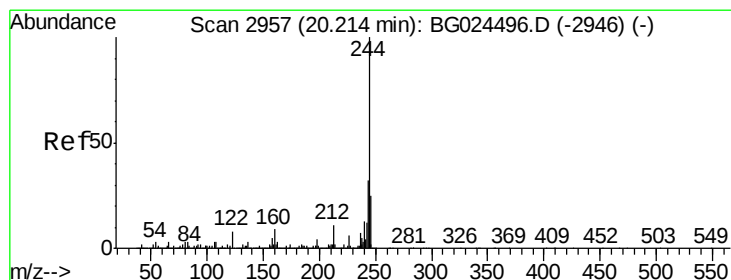
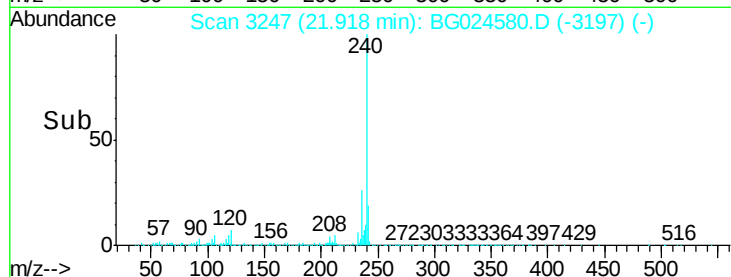
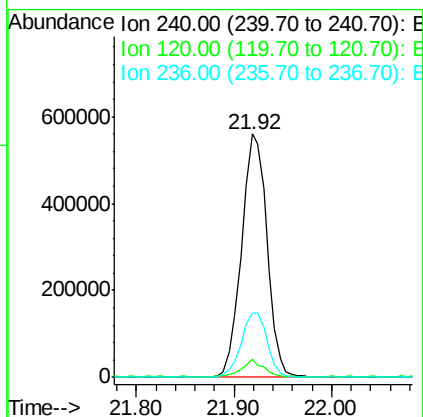
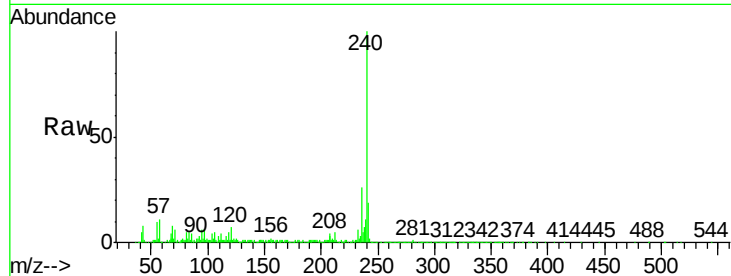




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024580.D
Acq: 1 Nov 2016 7:00

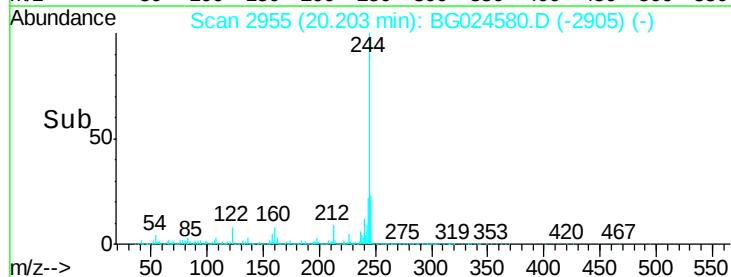
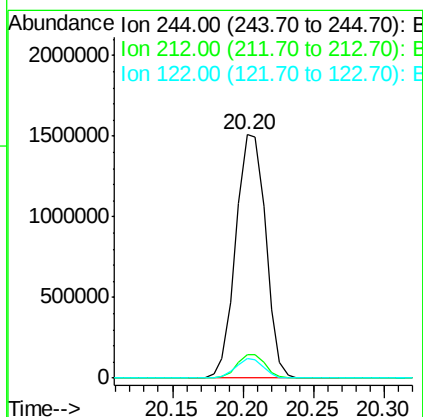
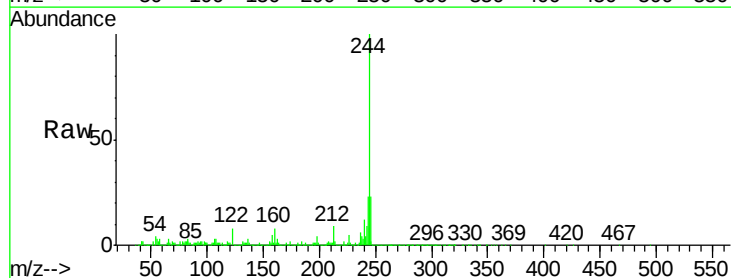
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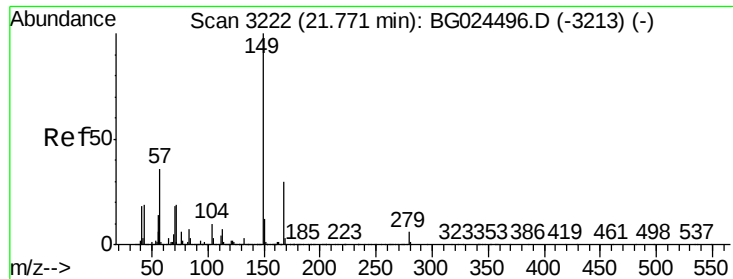
Tgt Ion:240 Resp: 1018776
Ion Ratio Lower Upper
240 100
120 7.3 5.7 8.5
236 26.3 22.2 33.4



#78
Terphenyl-d14
Concen: 65.45 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024580.D
Acq: 1 Nov 2016 7:00

Tgt Ion:244 Resp: 2231441
Ion Ratio Lower Upper
244 100
212 9.4 10.0 15.0#
122 7.9 8.6 12.8#





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.06 ng

RT: 21.75 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-6-5-6

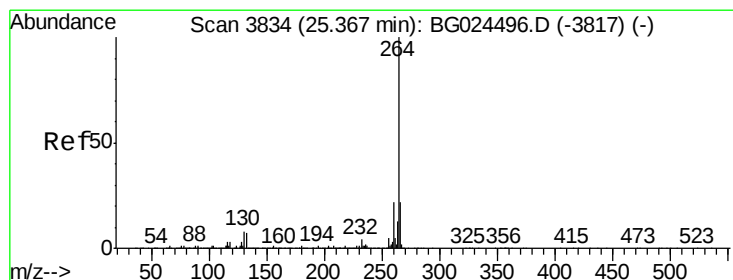
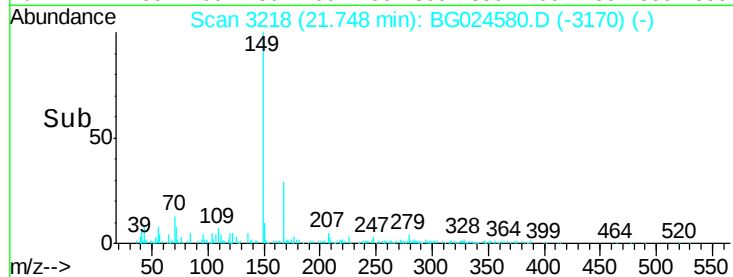
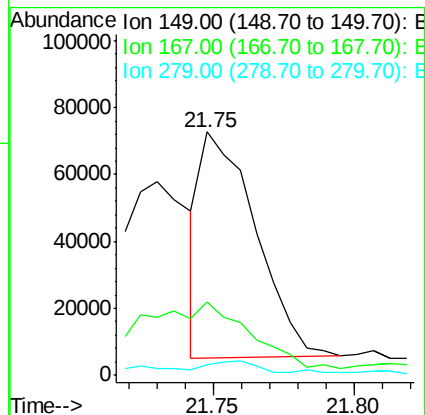
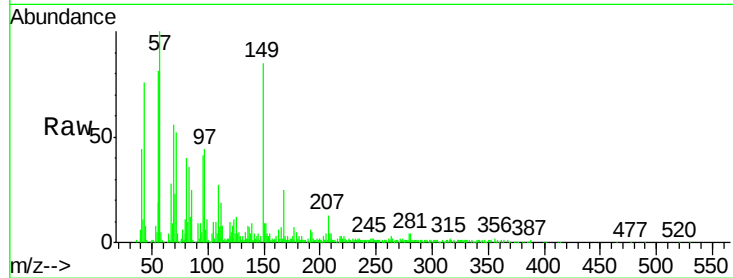
Tgt Ion:149 Resp: 90828

Ion Ratio Lower Upper

149 100

167 30.0 23.7 35.5

279 4.3 4.6 6.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.36 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024580.D

Acq: 1 Nov 2016 7:00

Tgt Ion:264 Resp: 1075585

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 21.4 18.2 27.4

