

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032501.D
 Acq On : 1 Feb 2018 22:15
 Operator : SJ/JU
 Sample : J1408-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(135-137)

Quant Time: Feb 02 03:12:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

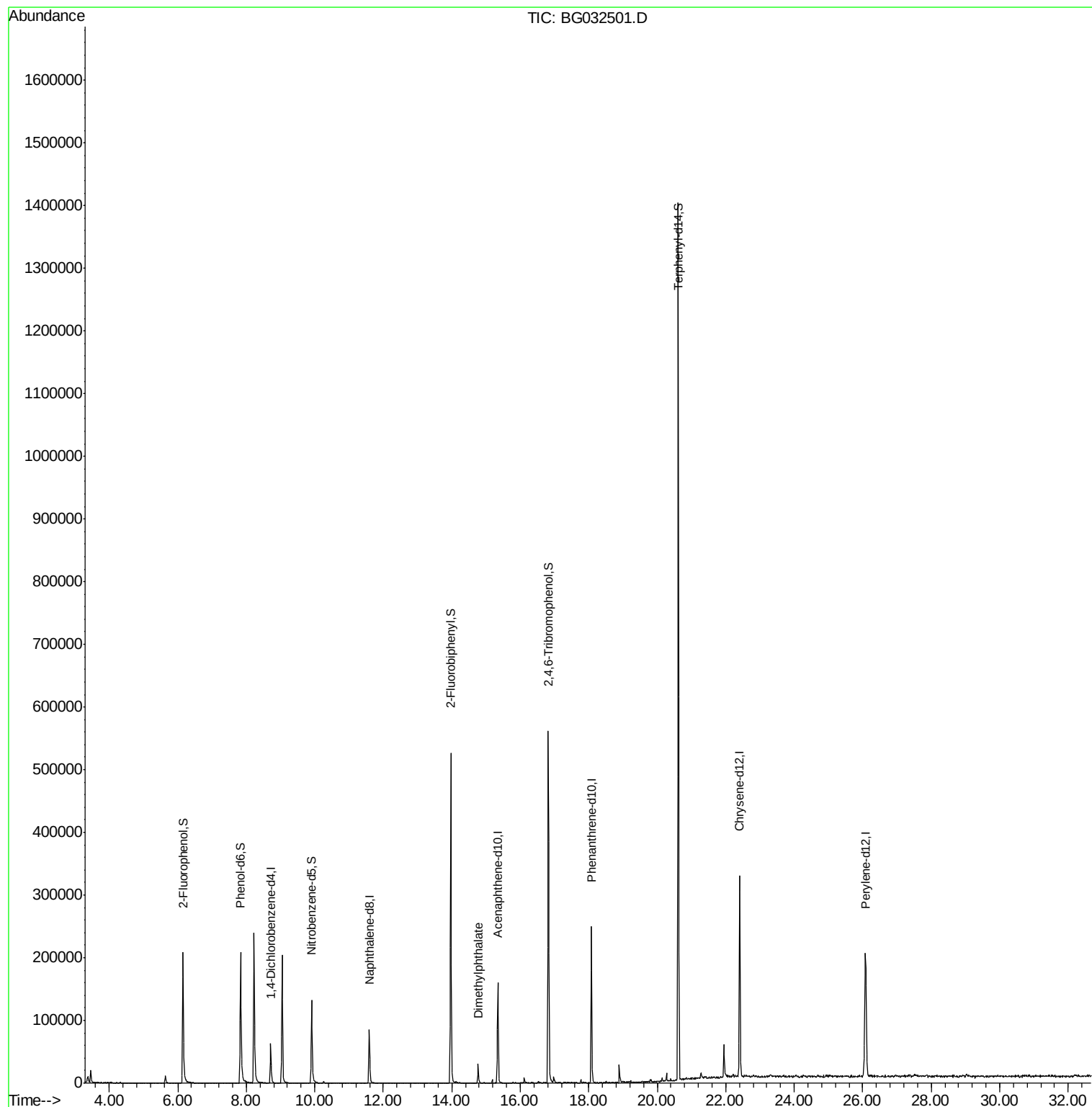
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23072	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	91764	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	66884	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	186800	20.00	ng	0.00
75) Chrysene-d12	22.41	240	250976	20.00	ng	-0.01
86) Perylene-d12	26.08	264	272817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	121325	105.62	ng	0.00
7) Phenol-d6	7.84	99	148780	97.06	ng	0.00
23) Nitrobenzene-d5	9.91	82	93237	63.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	138417	108.72	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	330108	58.66	ng	-0.02
78) Terphenyl-d14	20.61	244	724849	61.87	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.77	163	26224	4.252	ng	Qvalue # 94

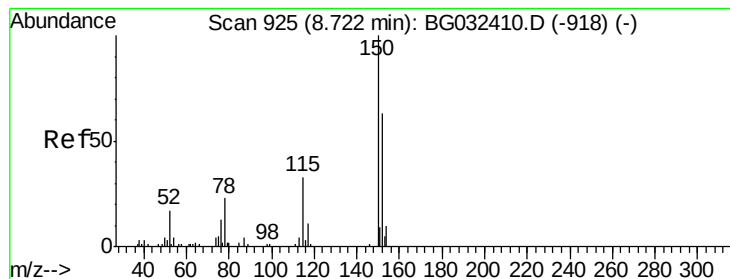
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.71 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(135-137)

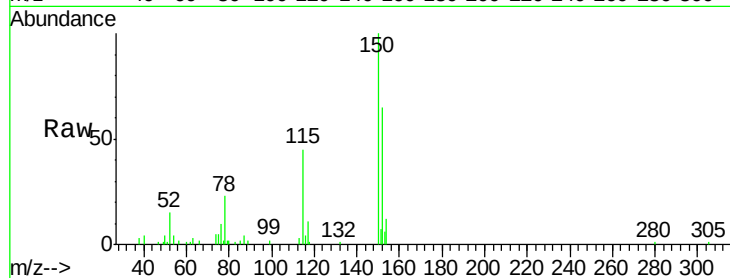
Tot Ion:152 Resp: 23072

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

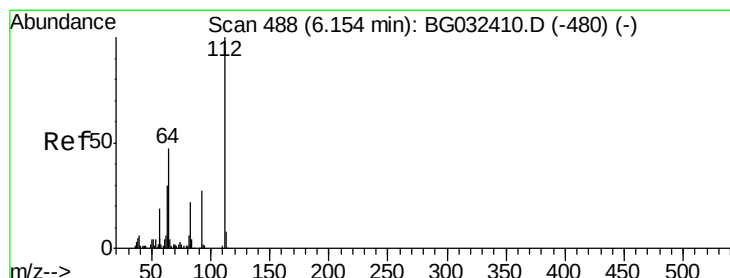
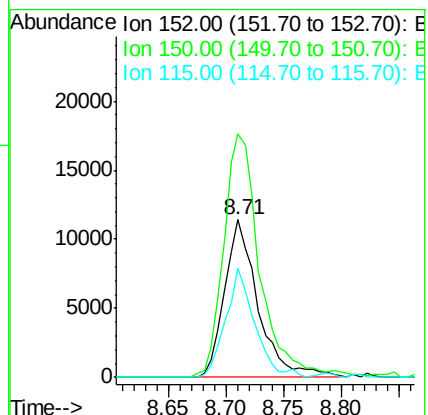
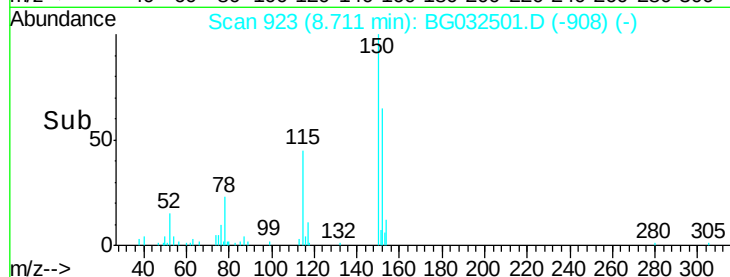
115 69.4 53.0 79.4



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: 105.621 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

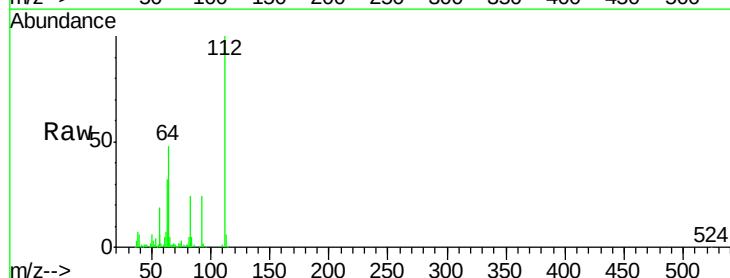
Tgt Ion:112 Resp: 121325

Ion Ratio Lower Upper

112 100

64 48.3 56.3 84.5#

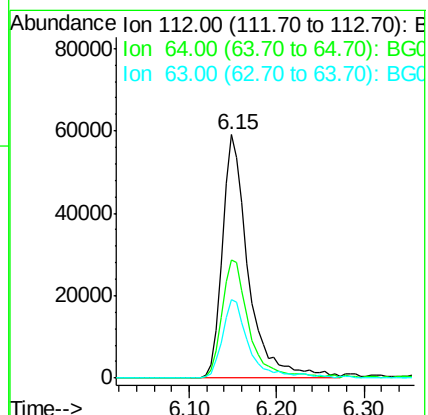
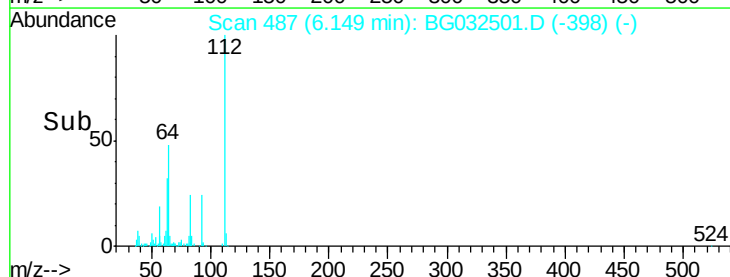
63 32.3 30.1 45.1

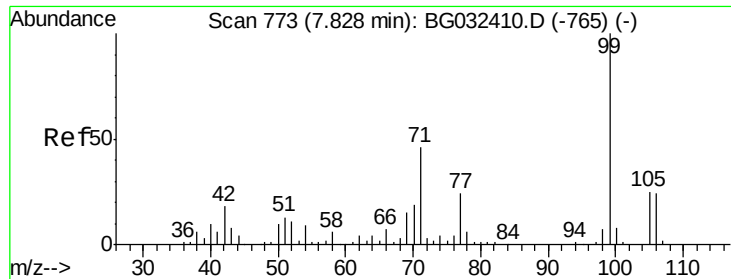


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.063 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(135-137)

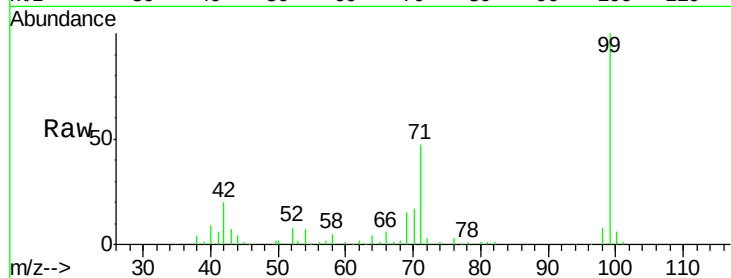
Tot Ion: 99 Resp: 148780

Ion Ratio Lower Upper

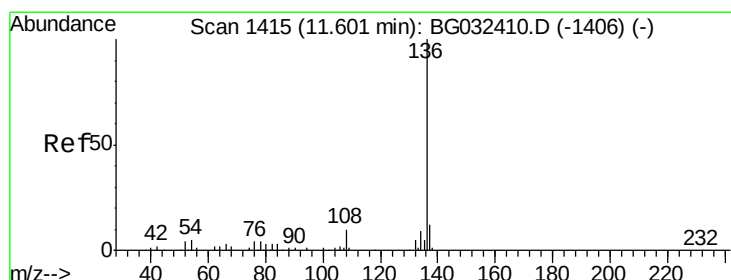
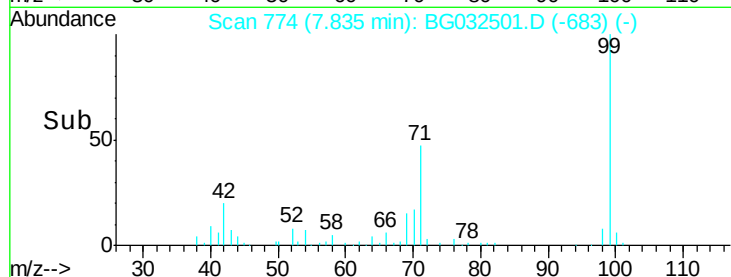
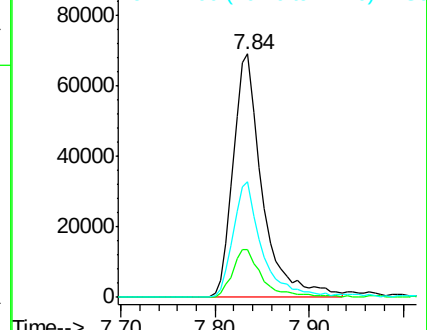
99 100

42 19.7 14.1 21.1

71 47.3 26.1 39.1#



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: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Tgt Ion: 136 Resp: 91764

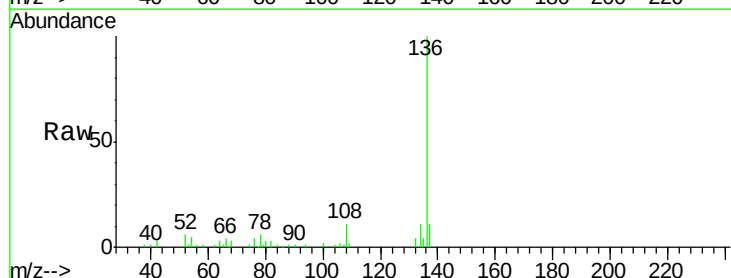
Ion Ratio Lower Upper

136 100

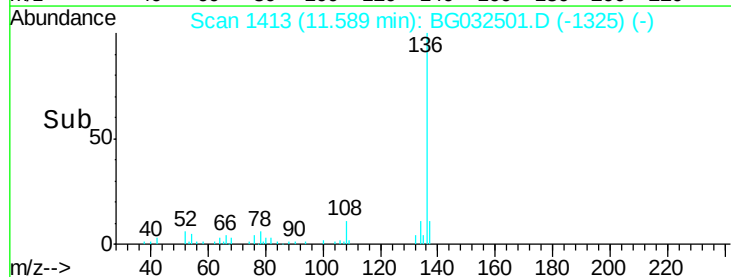
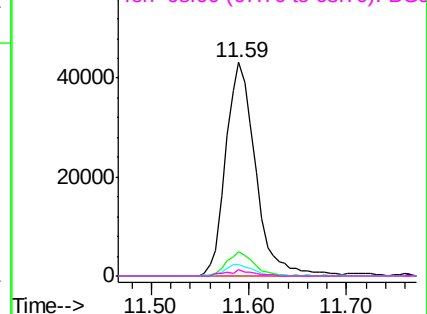
137 11.2 9.2 13.8

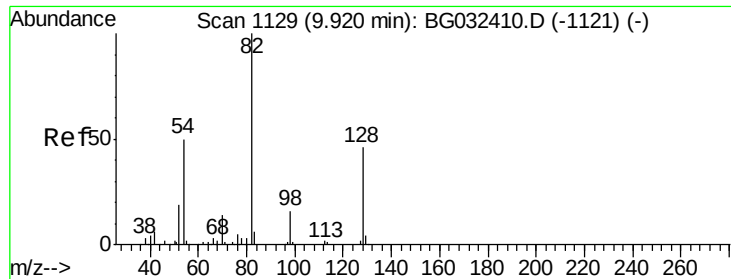
54 5.4 10.3 15.5#

68 3.0 4.5 6.7#



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

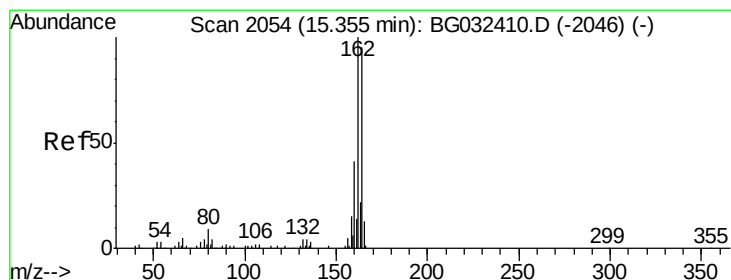
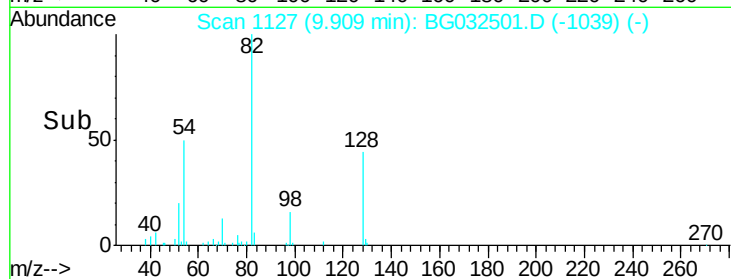
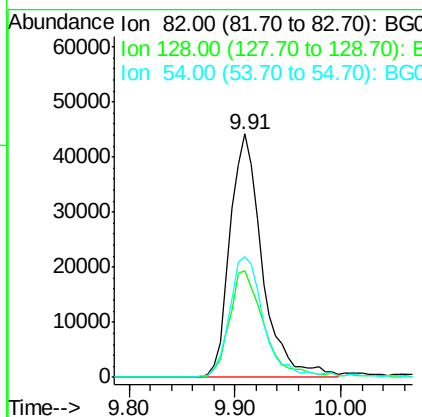
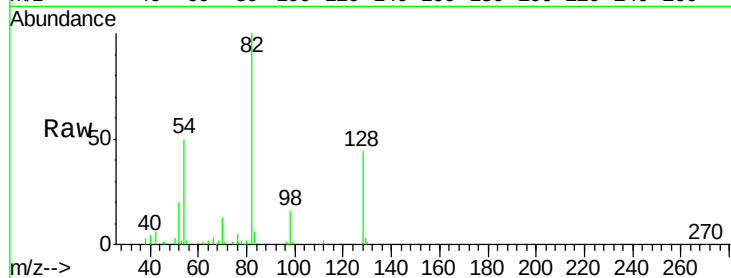




#23
 Nitrobenzene-d5
 Concen: 63.463 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

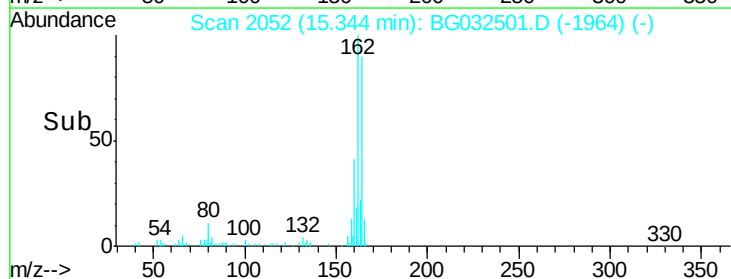
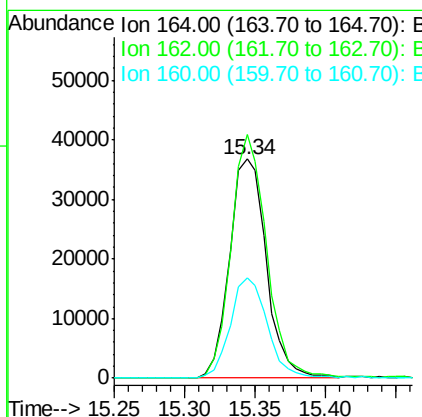
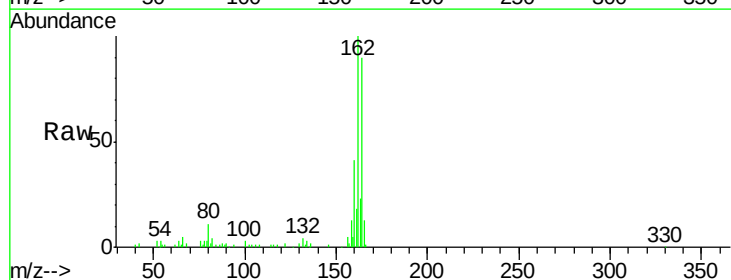
Instrument :
 BNA_G
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 EPE-106-5(135-137)

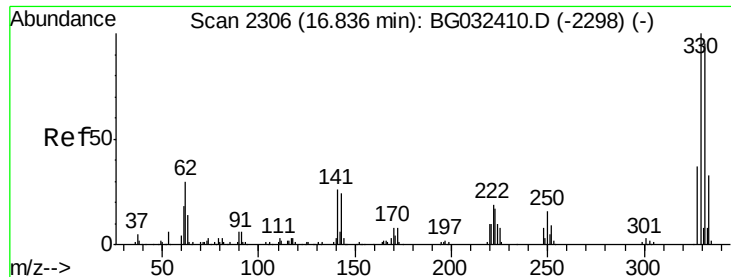
Tot Ion	82	Resp	93237
Ion Ratio	Lower	Upper	
82	100		
128	43.6	29.7	44.5
54	49.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

Tgt Ion	164	Resp	66884
Ion Ratio	Lower	Upper	
164	100		
162	111.2	78.8	118.2
160	45.9	35.4	53.0

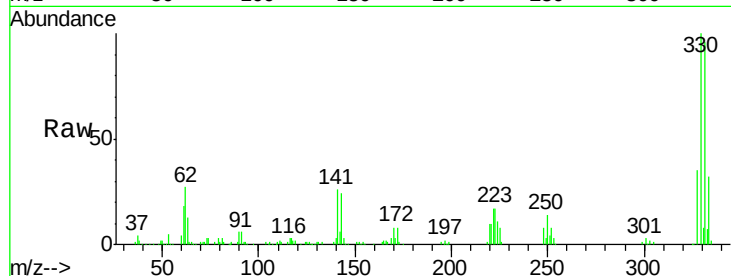




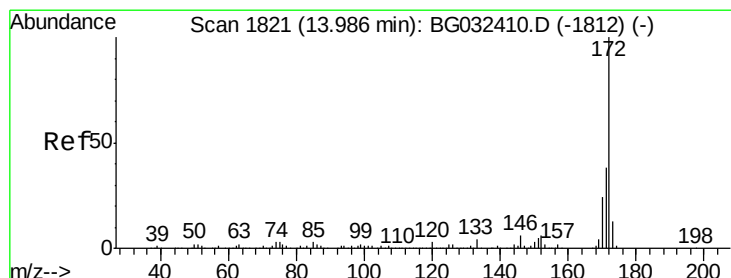
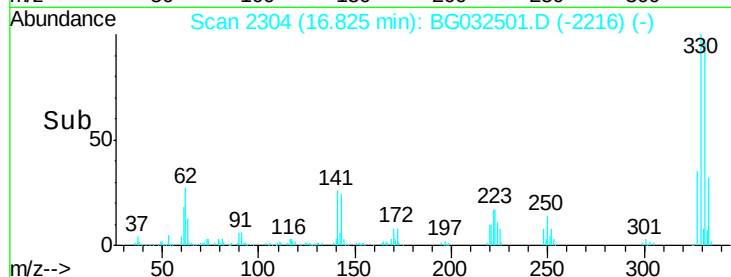
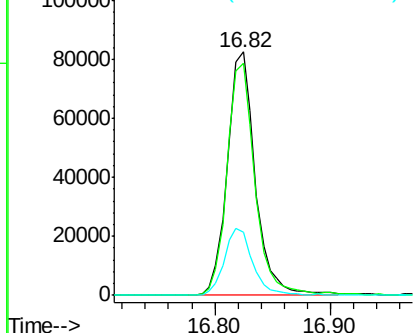
#41
 2,4,6-Tribromophenol
 Concen: 108.721 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(135-137)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	27.9	25.2	37.8

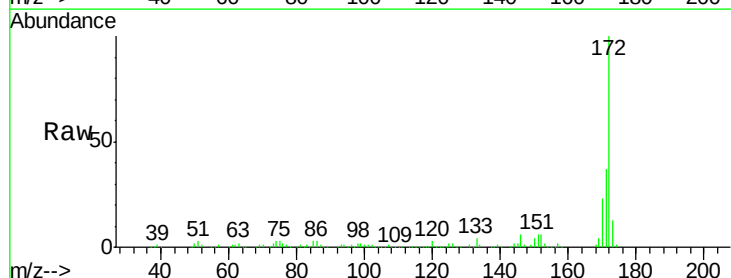


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

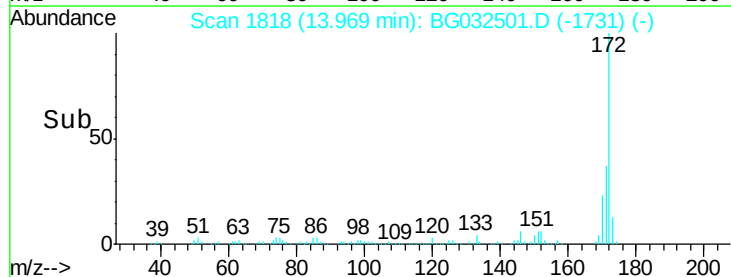
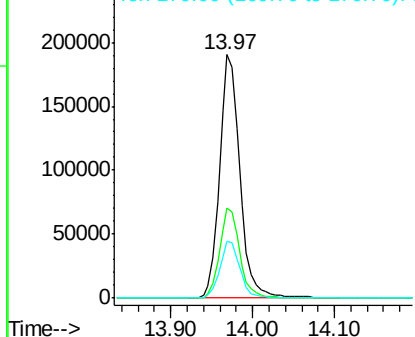


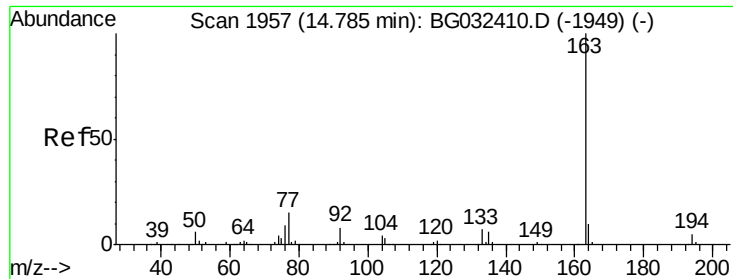
#44
 2-Fluorobiphenyl
 Concen: 58.662 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.3	19.5	29.3



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: 4.252 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(135-137)

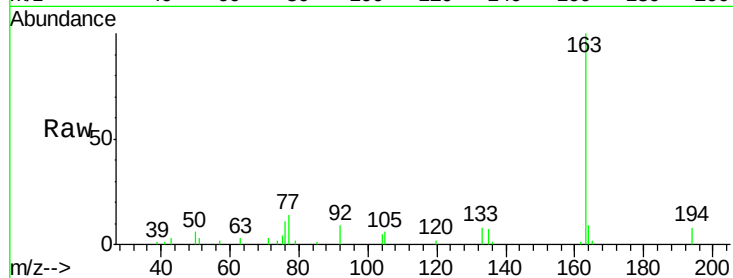
Tot Ion:163 Resp: 26224

Ion Ratio Lower Upper

163 100

194 7.9 3.4 5.2#

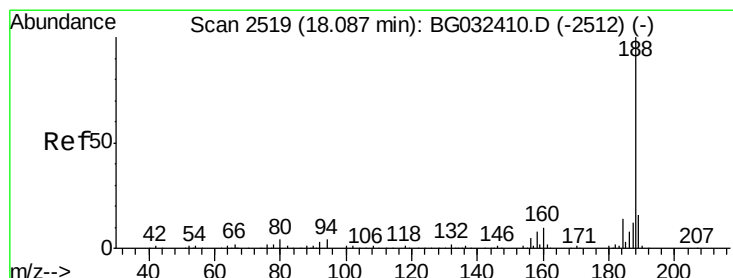
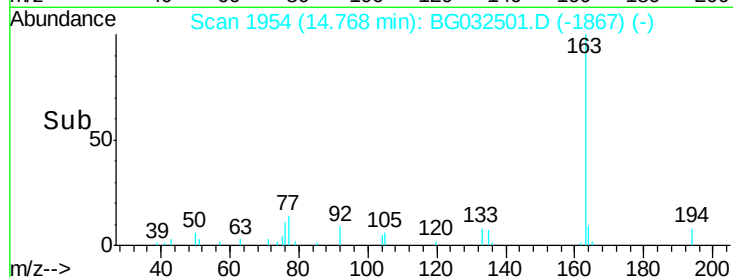
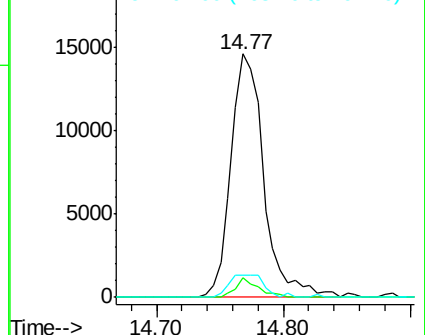
164 9.0 8.2 12.4



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: 20.000 ng

RT: 18.08 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

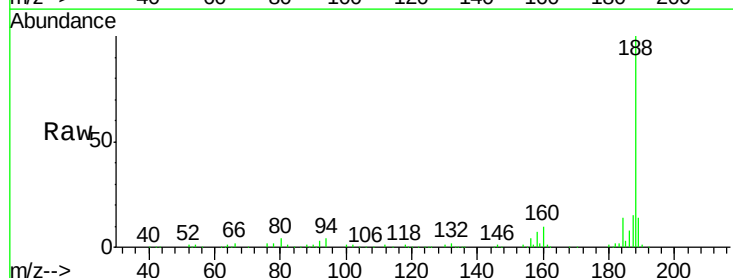
Tgt Ion:188 Resp: 186800

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

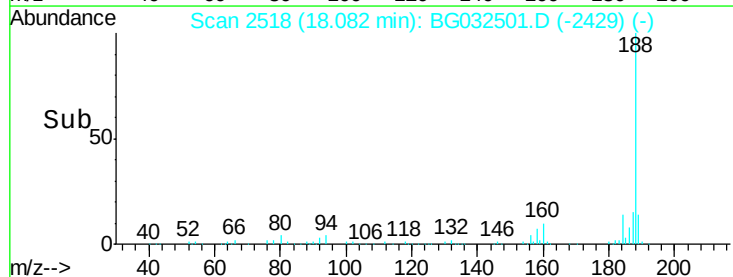
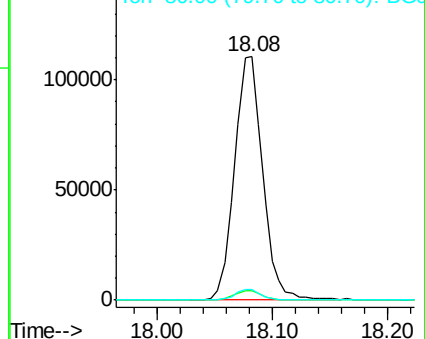
80 4.2 7.7 11.5#

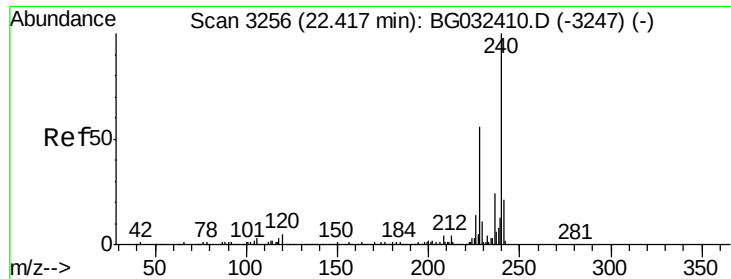


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(135-137)

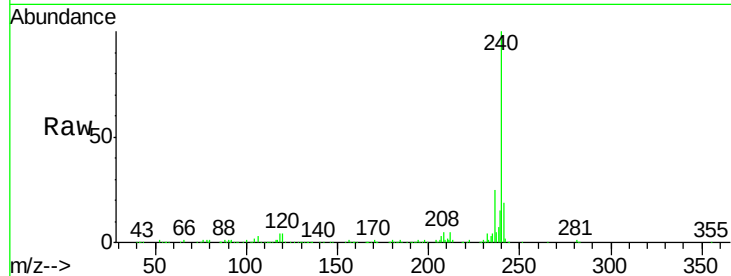
Tot Ion:240 Resp: 250976

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

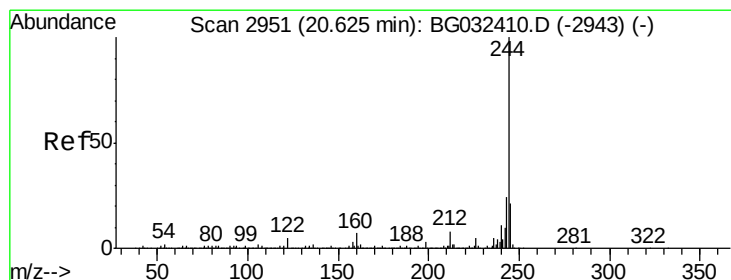
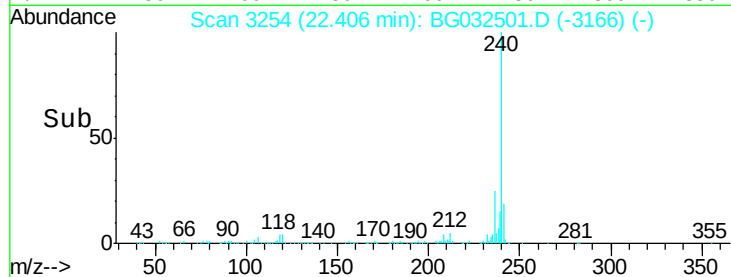
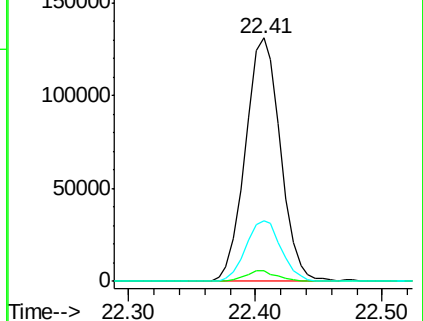
236 25.1 20.9 31.3



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: 61.866 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

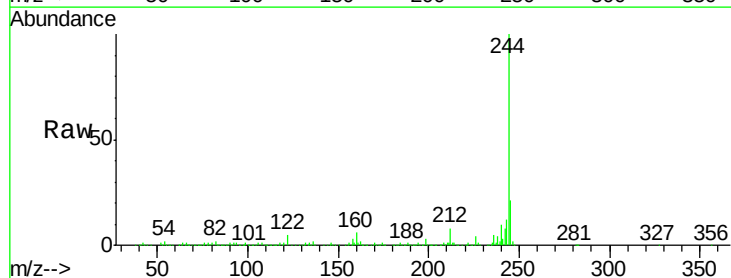
Tgt Ion:244 Resp: 724849

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

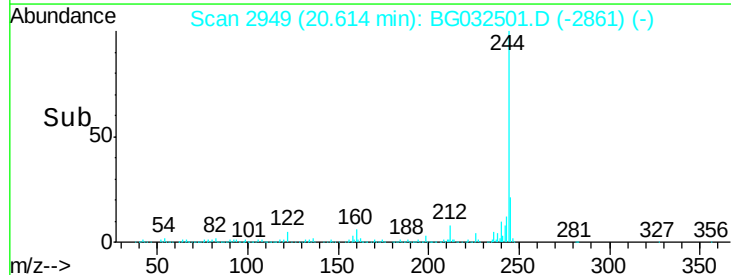
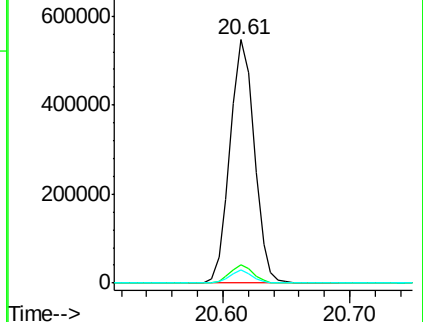
122 5.2 7.0 10.4#

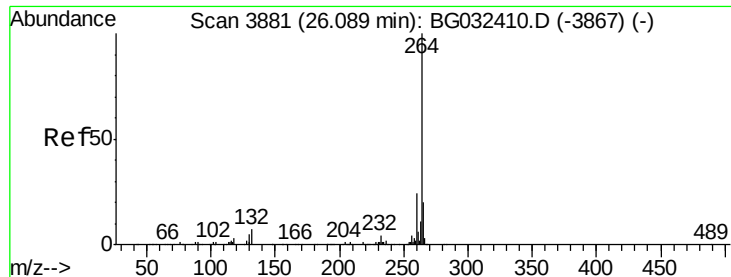


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(135-137)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	22.4	17.7	26.5

