

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032508.D
 Acq On : 2 Feb 2018 12:36
 Operator : SJ/JU
 Sample : J1430-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)

Quant Time: Feb 02 22:06:45 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

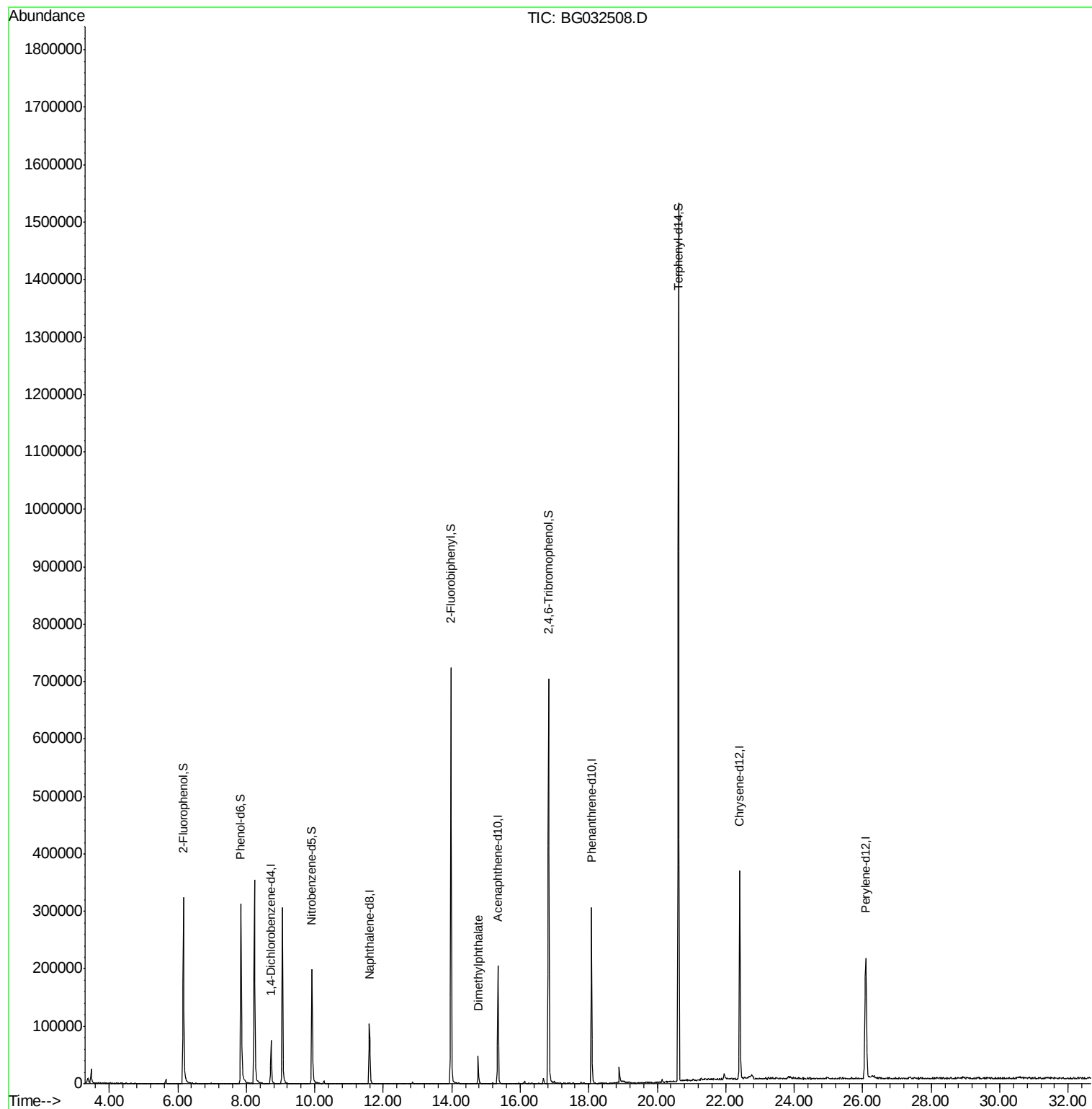
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28445	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	114497	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	82934	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	221339	20.00	ng	0.00
75) Chrysene-d12	22.41	240	284142	20.00	ng	-0.01
86) Perylene-d12	26.09	264	300834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	171218	120.90	ng	0.00
7) Phenol-d6	7.84	99	209924	111.08	ng	0.01
23) Nitrobenzene-d5	9.92	82	135646	74.00	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	180443	114.30	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	453945	65.06	ng	-0.01
78) Terphenyl-d14	20.62	244	847443	63.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.77	163	37237	4.870	ng	# 93

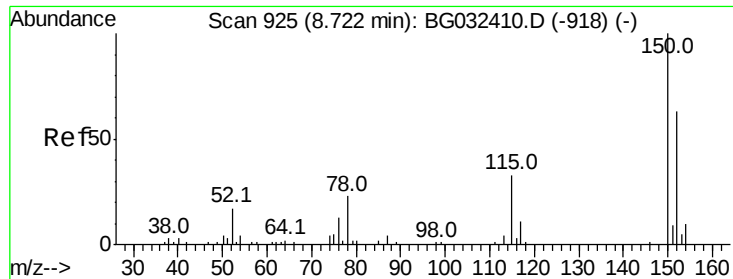
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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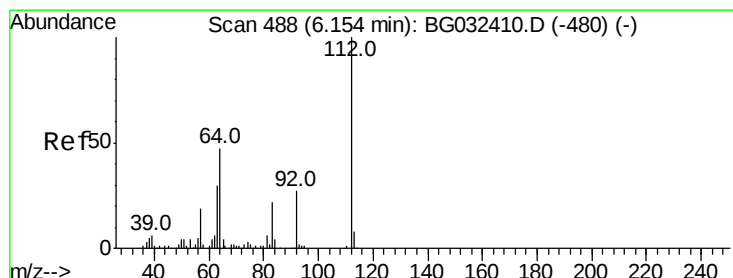
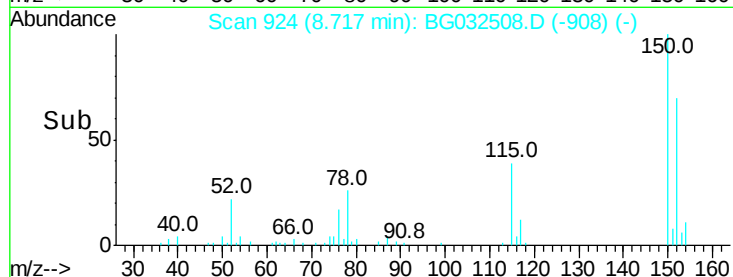
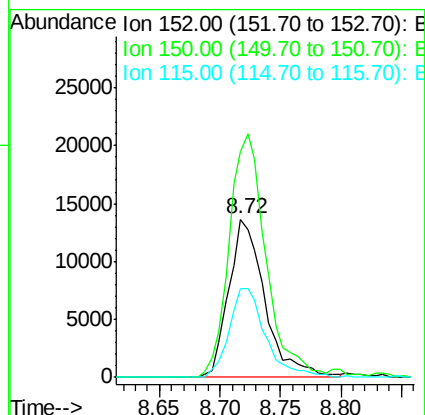
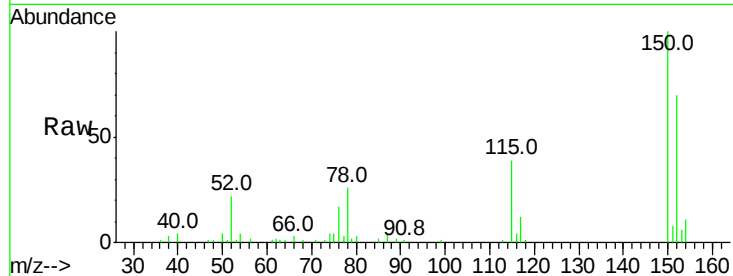


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG032508.D
 Acq: 2 Feb 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)

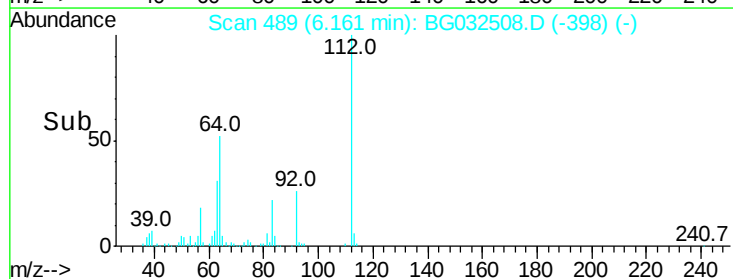
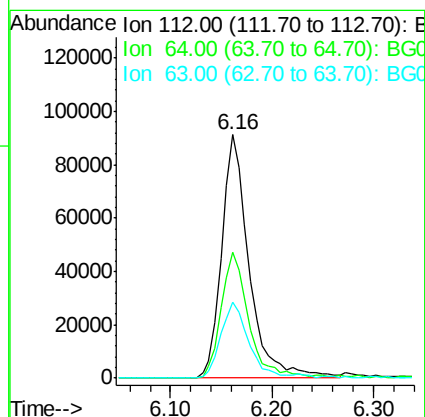
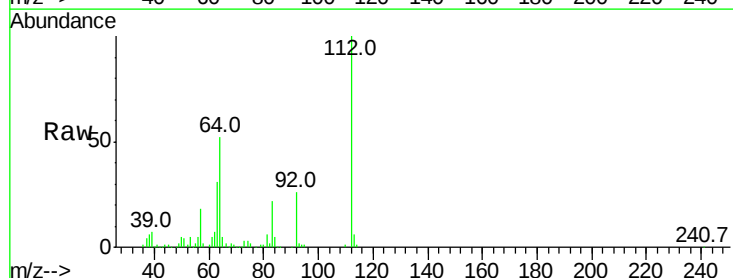
Tot Ion:152 Resp: 28445
 Ion Ratio Lower Upper
 152 100
 150 143.2 126.6 189.8
 115 56.1 53.0 79.4

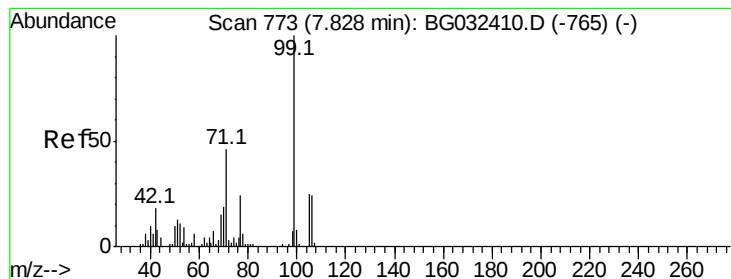


#5

2-Fluorophenol
 Concen: 120.900 ng
 RT: 6.16 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: BG032508.D
 Acq: 2 Feb 2018 12:36

Tgt Ion:112 Resp: 171218
 Ion Ratio Lower Upper
 112 100
 64 51.6 56.3 84.5#
 63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 111.083 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032508.D

Acq: 2 Feb 2018 12:36

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)

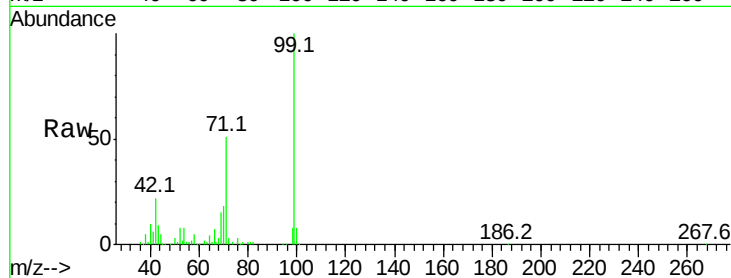
Tot Ion: 99 Resp: 209924

Ion Ratio Lower Upper

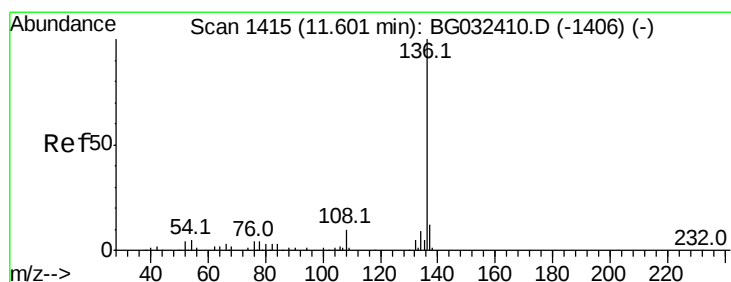
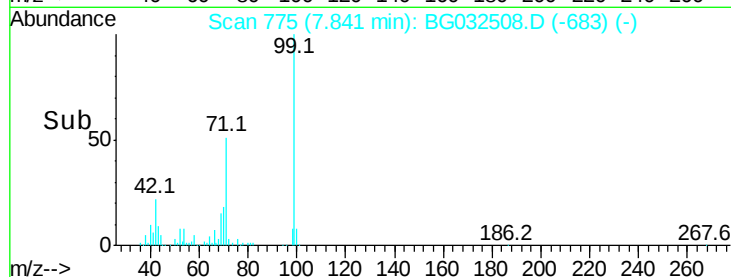
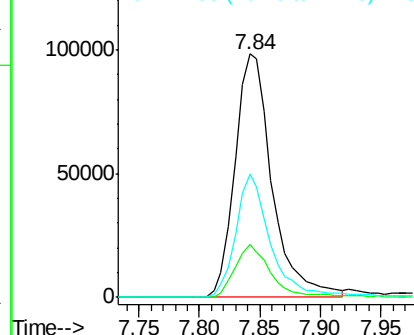
99 100

42 21.6 14.1 21.1#

71 50.6 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: 11.60 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG032508.D

Acq: 2 Feb 2018 12:36

Tgt Ion: 136 Resp: 114497

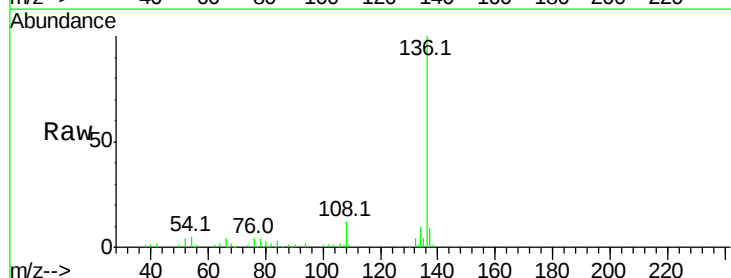
Ion Ratio Lower Upper

136 100

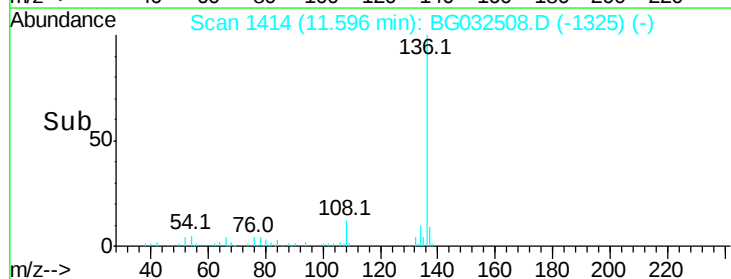
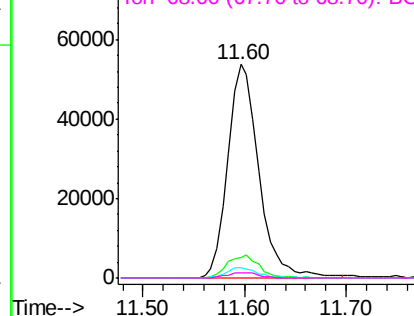
137 9.4 9.2 13.8

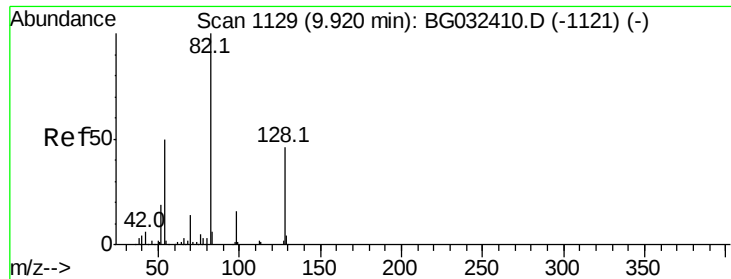
54 4.6 10.3 15.5#

68 2.2 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

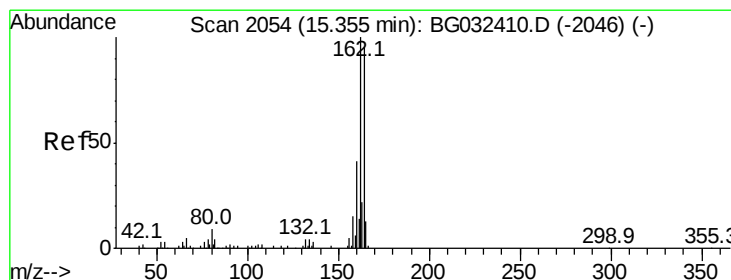
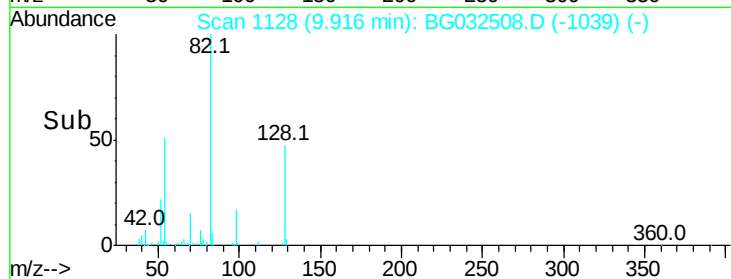
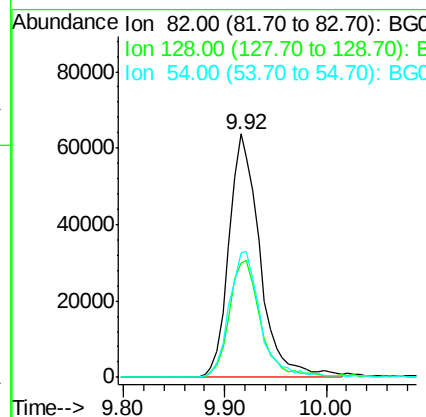
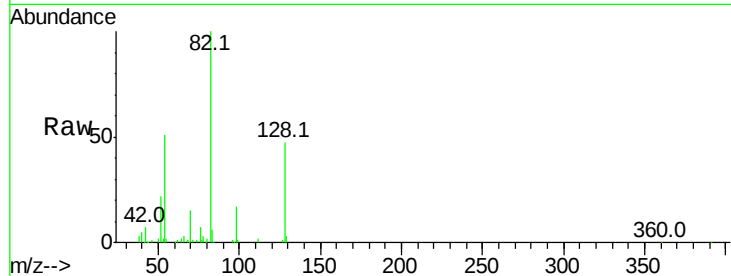




#23
Nitrobenzene-d5
Concen: 73.998 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

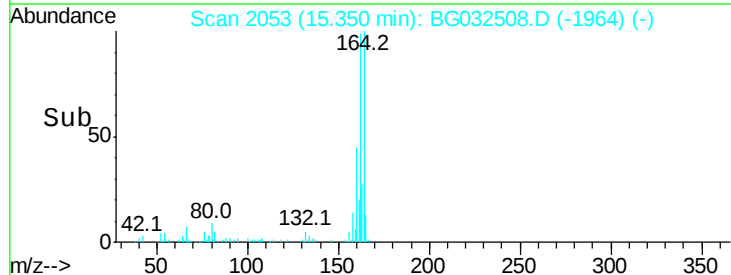
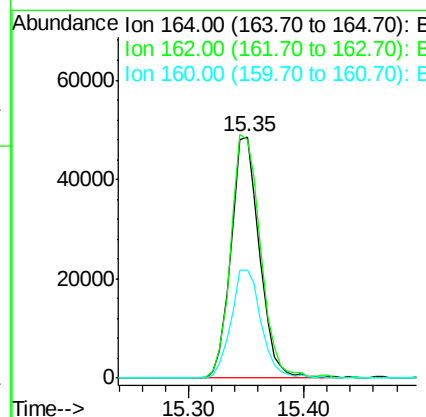
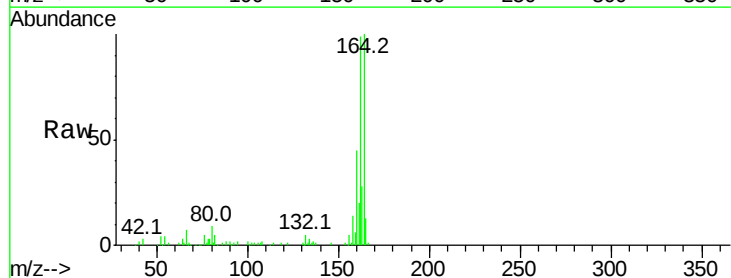
Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)

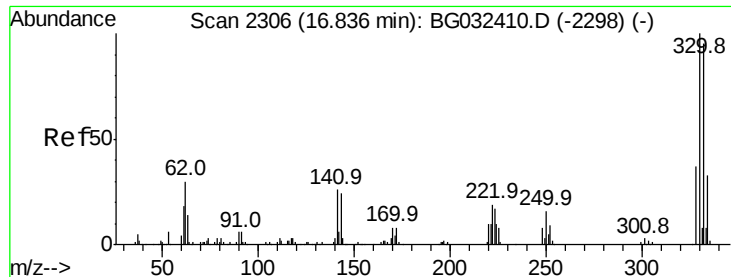
Tot Ion: 82 Resp: 135646
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 51.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:164 Resp: 82934
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 44.6 35.4 53.0

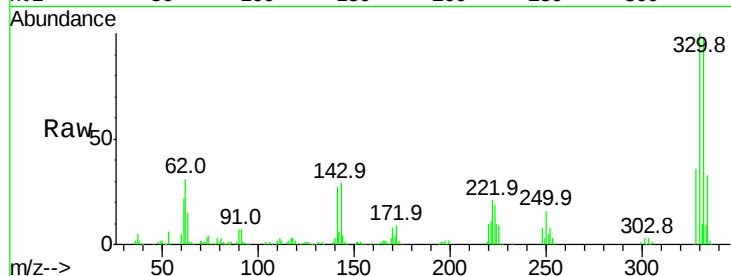




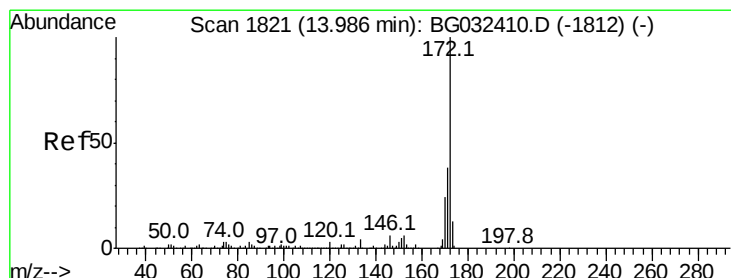
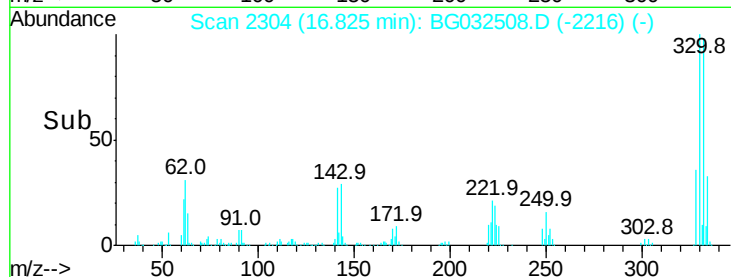
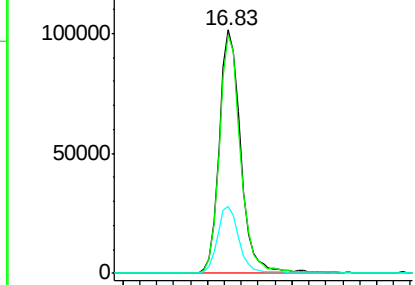
#41
 2,4,6-Tribromophenol
 Concen: 114.302 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032508.D
 Acq: 2 Feb 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.7	25.2	37.8

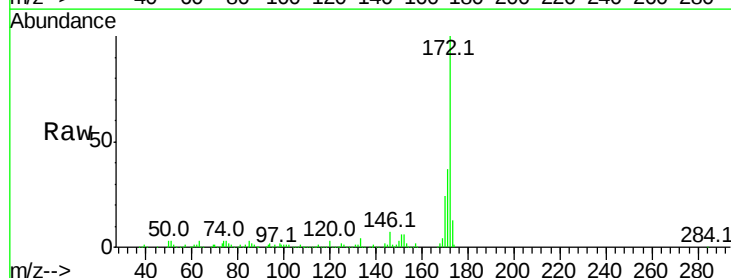


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

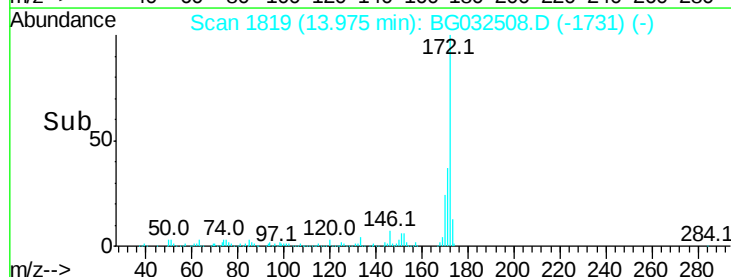
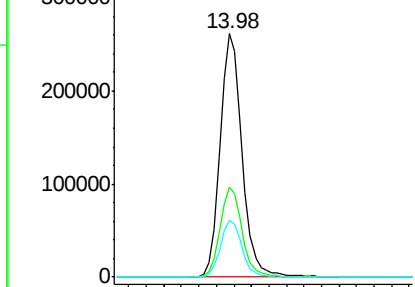


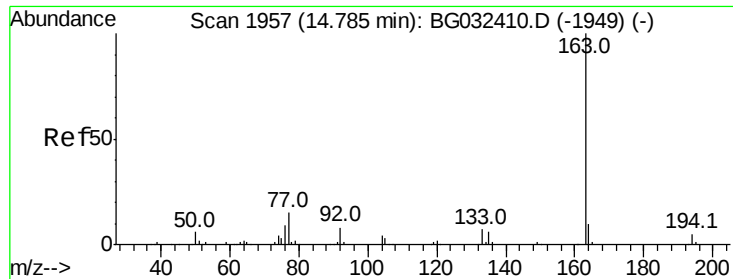
#44
 2-Fluorobiphenyl
 Concen: 65.057 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032508.D
 Acq: 2 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.5	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: 4.870 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032508.D

Acq: 2 Feb 2018 12:36

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)

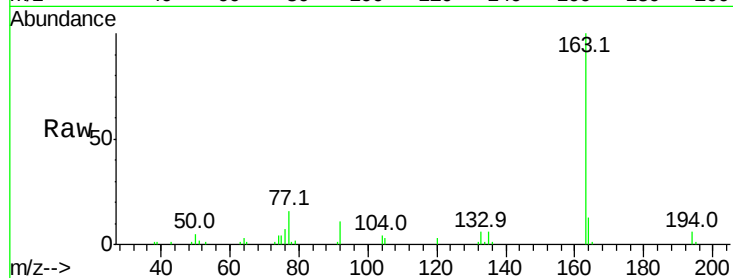
Tot Ion:163 Resp: 37237

Ion Ratio Lower Upper

163 100

194 6.2 3.4 5.2#

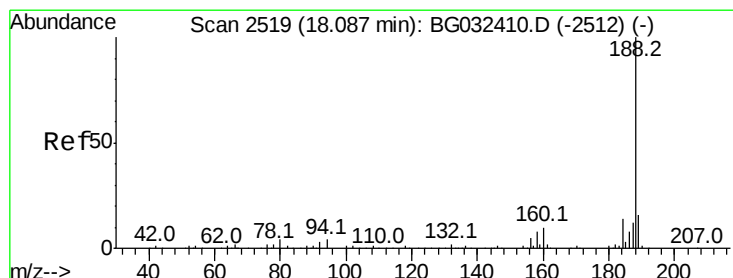
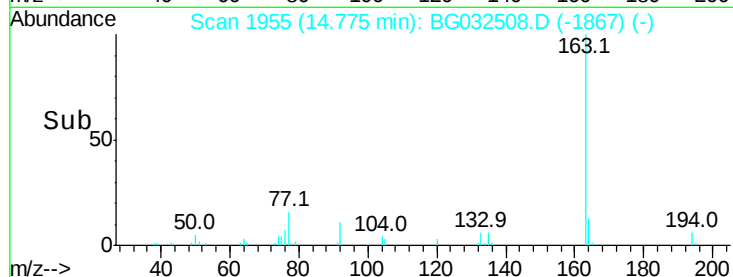
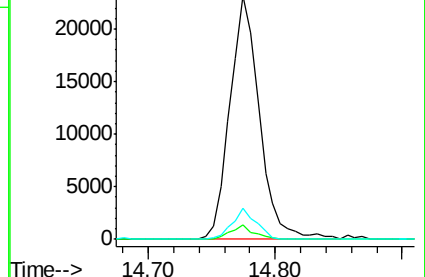
164 13.0 8.2 12.4#



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. -0.00 min

Lab File: BG032508.D

Acq: 2 Feb 2018 12:36

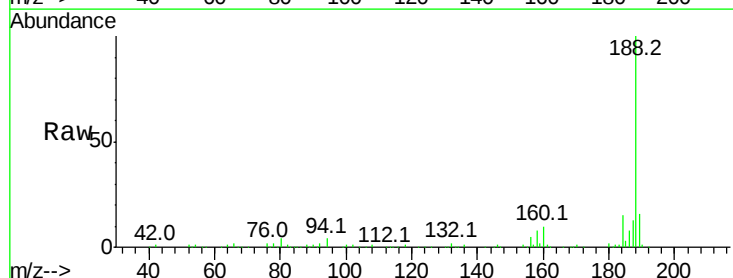
Tgt Ion:188 Resp: 221339

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

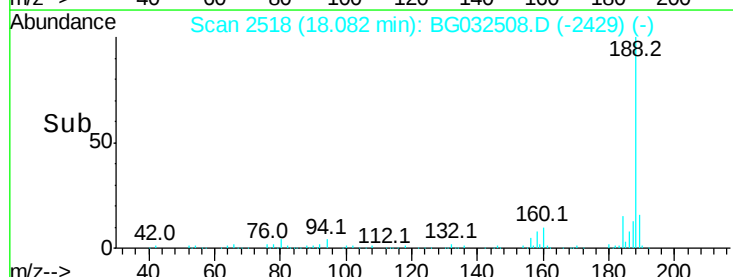
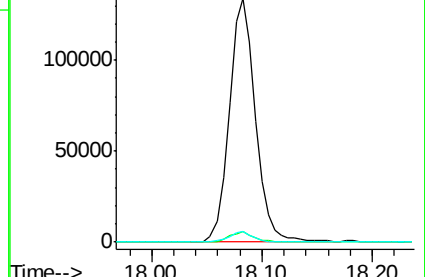
80 4.3 7.7 11.5#

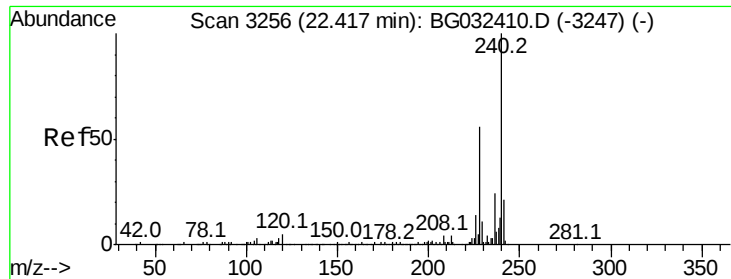


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG032508.D

Acq: 2 Feb 2018 12:36

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)

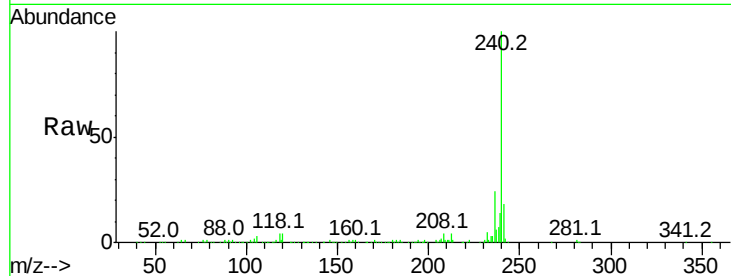
Tot Ion:240 Resp: 284142

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

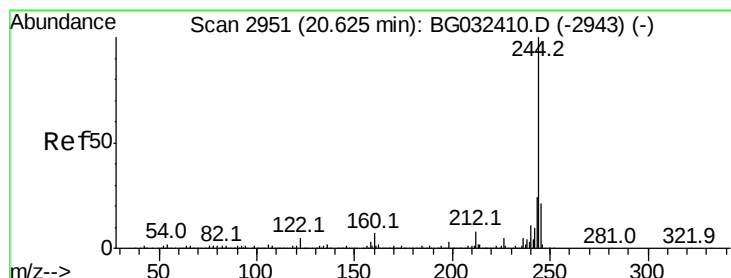
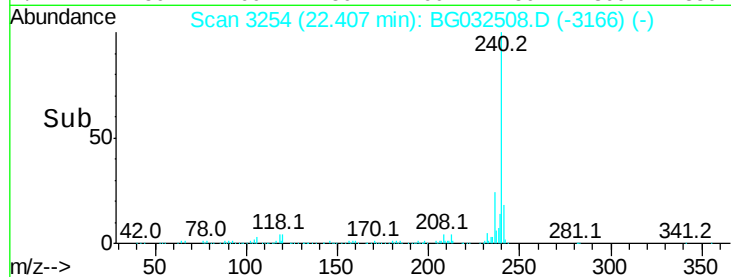
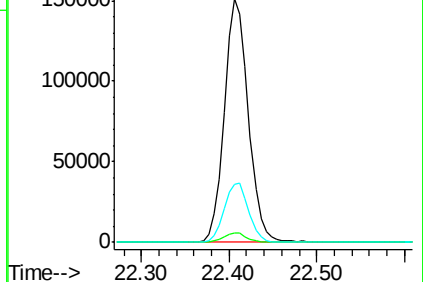
236 24.0 20.9 31.3



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: 63.887 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032508.D

Acq: 2 Feb 2018 12:36

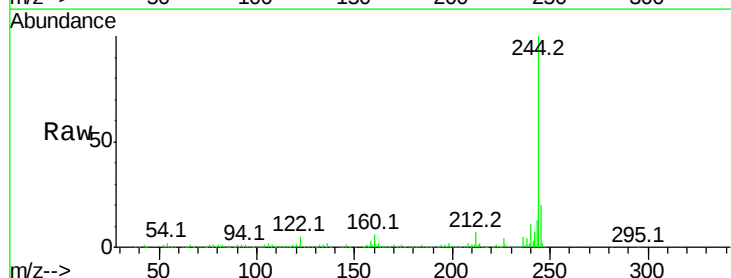
Tgt Ion:244 Resp: 847443

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

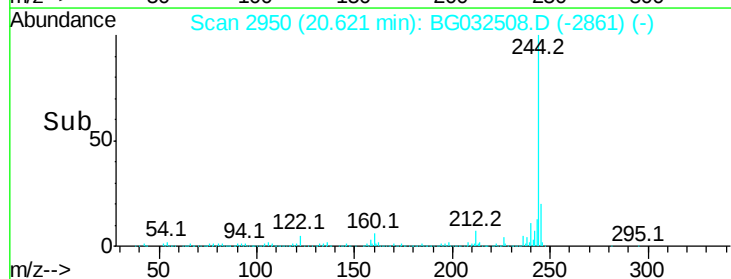
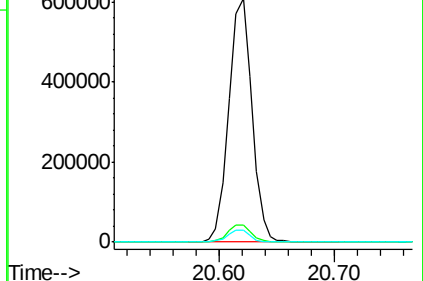
122 5.0 7.0 10.4#

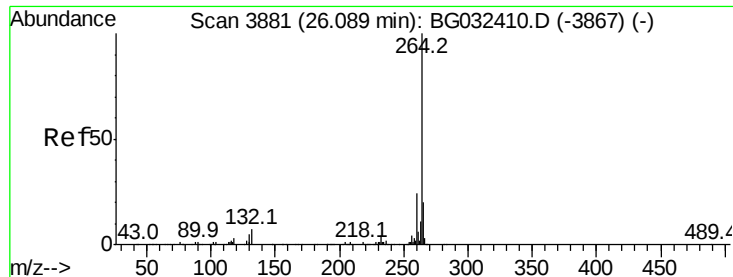


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.3	17.7	26.5

