

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031684.D
 Acq On : 21 Dec 2017 21:51
 Operator : SJ/JU
 Sample : I6961-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(75-77)

Quant Time: Dec 22 04:15:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

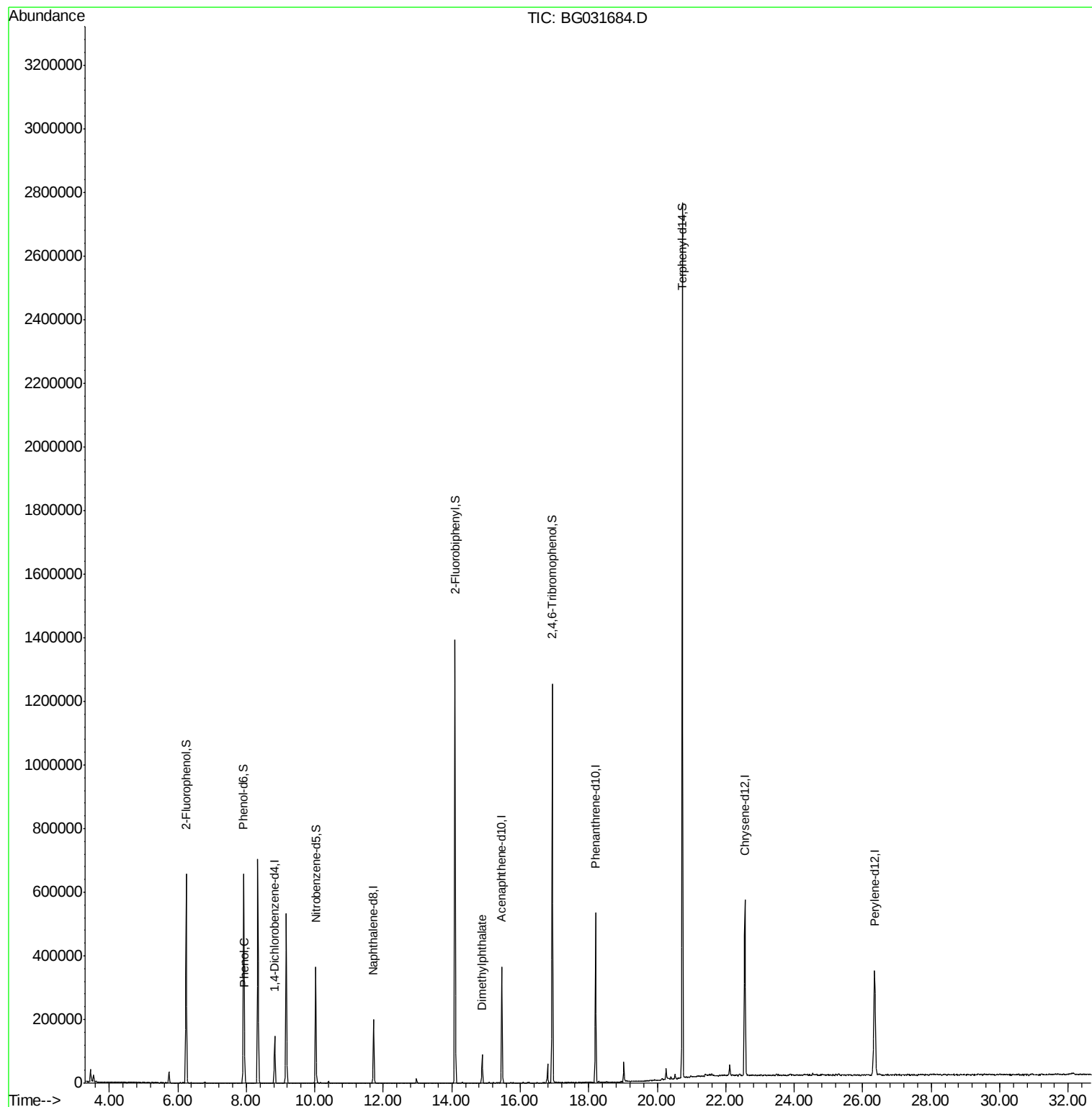
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	49076	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	201441	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	139442	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	370842	20.00	ng	0.00
75) Chrysene-d12	22.56	240	435291	20.00	ng	-0.01
86) Perylene-d12	26.34	264	455209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	364827	135.40	ng	0.00
7) Phenol-d6	7.92	99	475632	135.96	ng	0.00
23) Nitrobenzene-d5	10.03	82	231645	86.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	303960	142.86	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	846465	76.19	ng	0.00
78) Terphenyl-d14	20.73	244	1469612	77.13	ng	0.00
Target Compounds						
10) Phenol	7.95	94	21644	6.128	ng	93
49) Dimethylphthalate	14.89	163	70710	5.756	ng	96

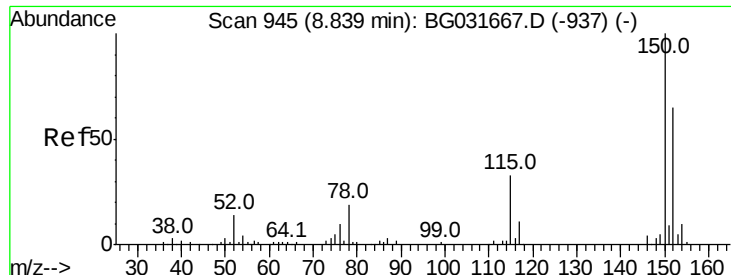
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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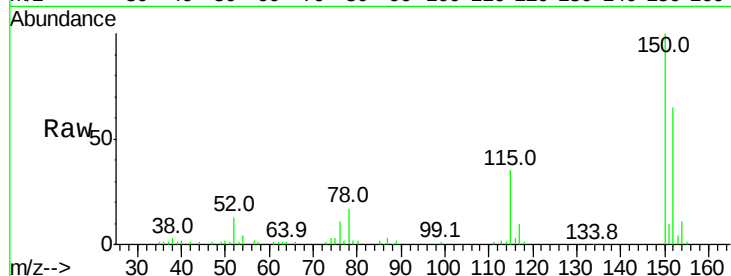


#1

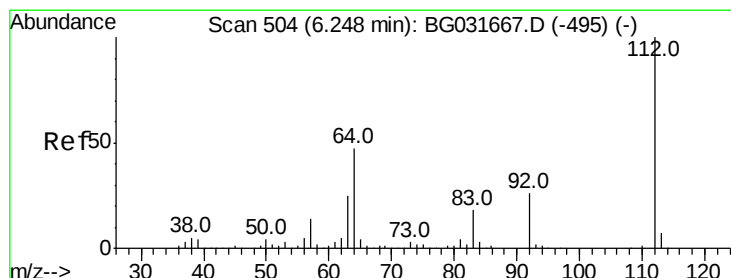
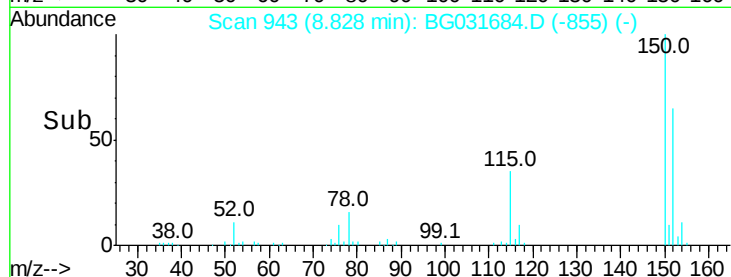
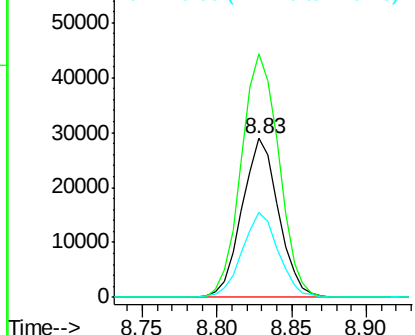
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(75-77)

Tot Ion:152 Resp: 49076
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 53.6 53.0 79.4



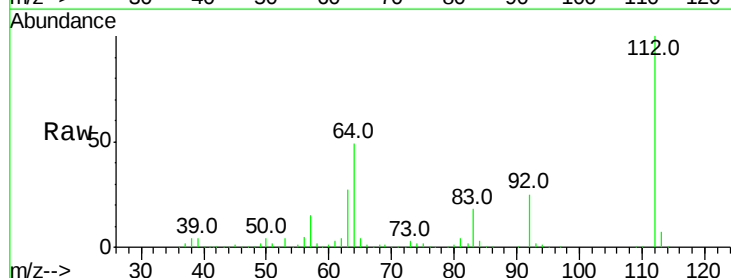
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



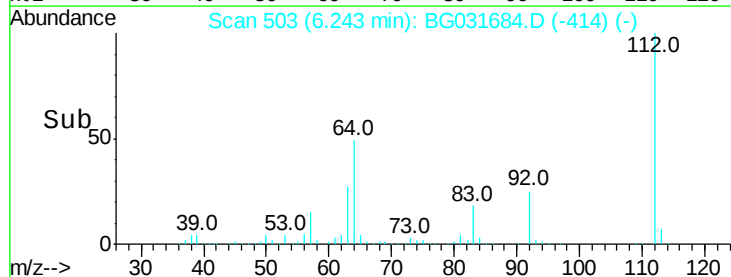
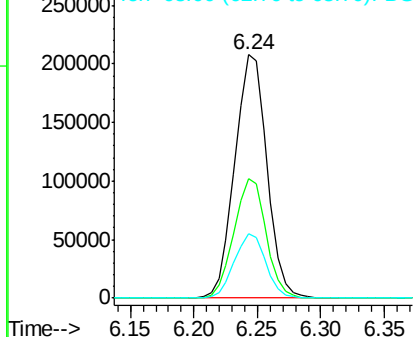
#5

2-Fluorophenol
Concen: 135.400 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

Tgt Ion:112 Resp: 364827
Ion Ratio Lower Upper
112 100
64 48.9 56.3 84.5#
63 26.6 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: 135.962 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031684.D

Acq: 21 Dec 2017 21:51

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(75-77)

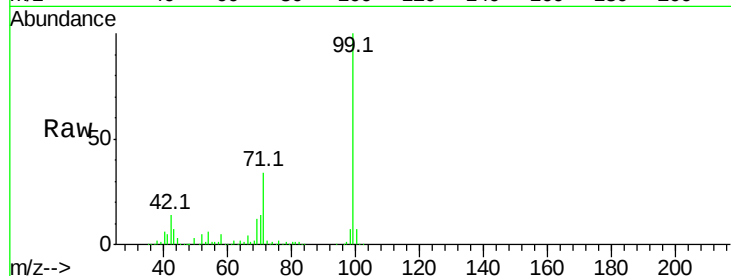
Tot Ion: 99 Resp: 475632

Ion Ratio Lower Upper

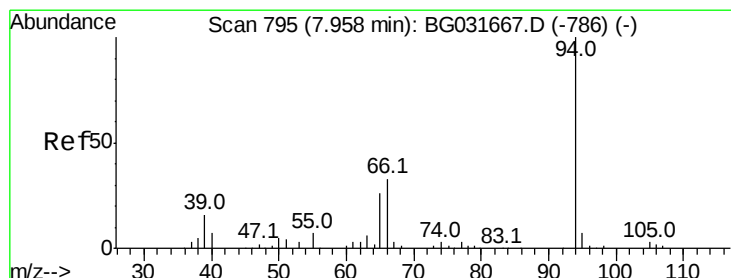
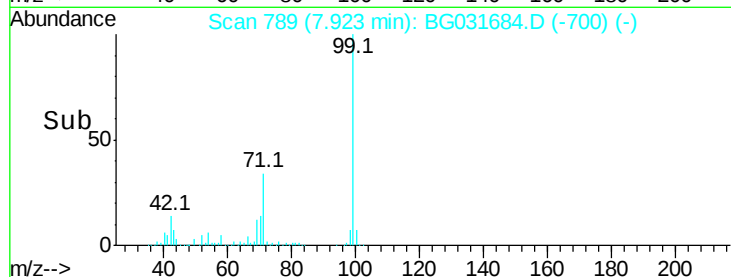
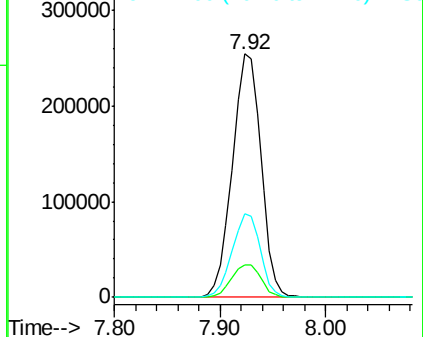
99 100

42 13.6 14.1 21.1#

71 34.3 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



#10

Phenol

Concen: 6.128 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG031684.D

Acq: 21 Dec 2017 21:51

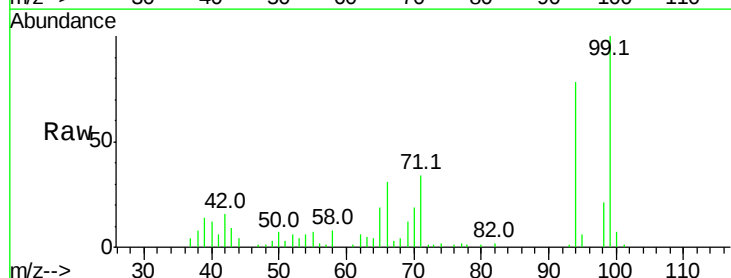
Tgt Ion: 94 Resp: 21644

Ion Ratio Lower Upper

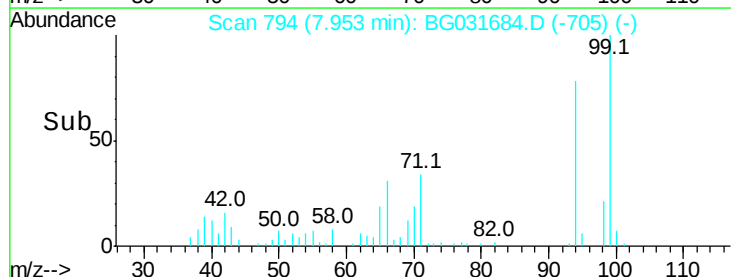
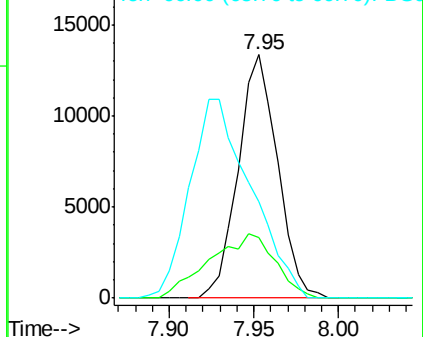
94 100

65 25.0 11.9 51.9

66 39.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

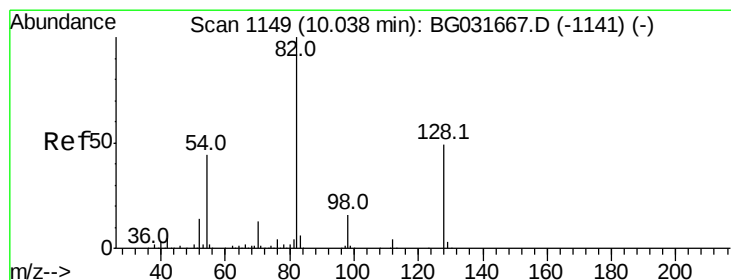
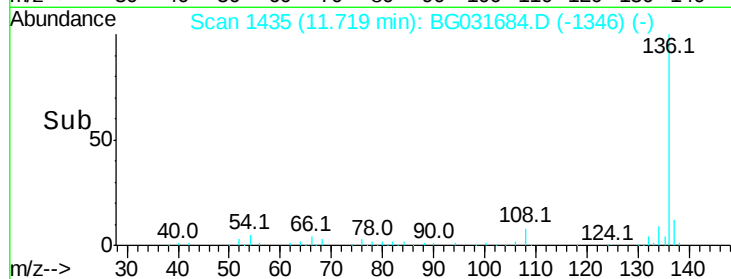
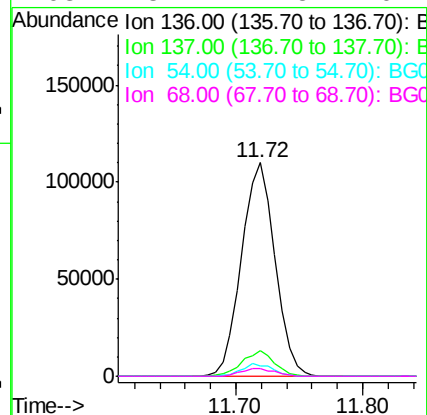
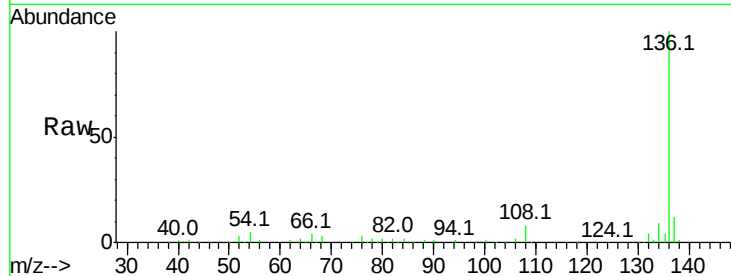




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

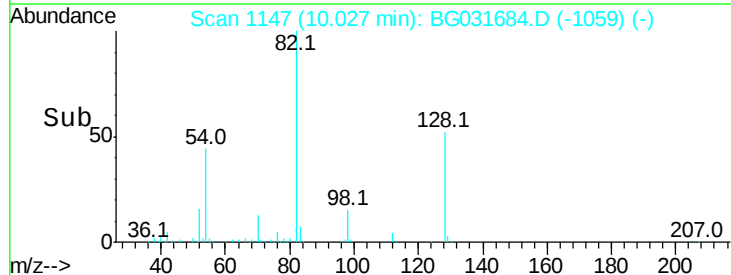
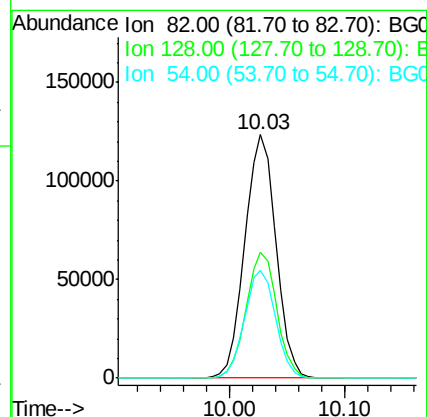
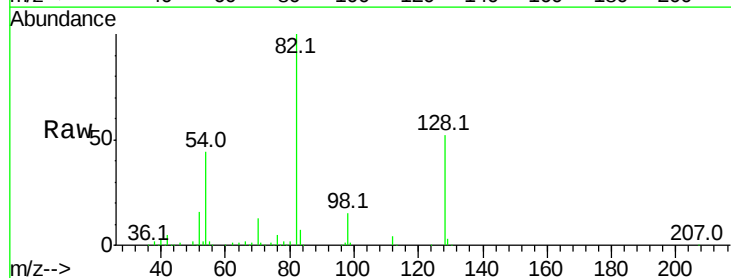
Instrument :
BNA_G
ClientSampleId :
EPE-108-1(75-77)

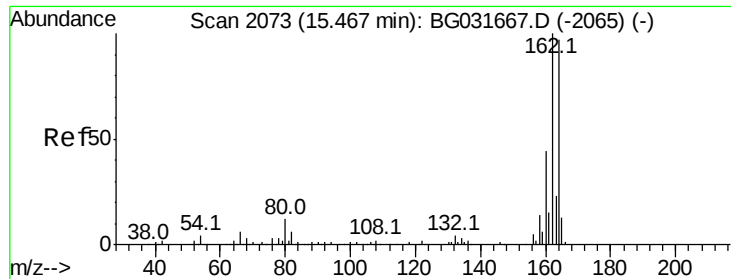
Tot Ion:136	Resp:	201441
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	5.1	10.3 15.5#
68	3.4	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 86.834 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

Tgt Ion: 82	Resp:	231645
Ion Ratio	Lower	Upper
82	100	
128	51.6	29.7 44.5#
54	44.3	43.1 64.7

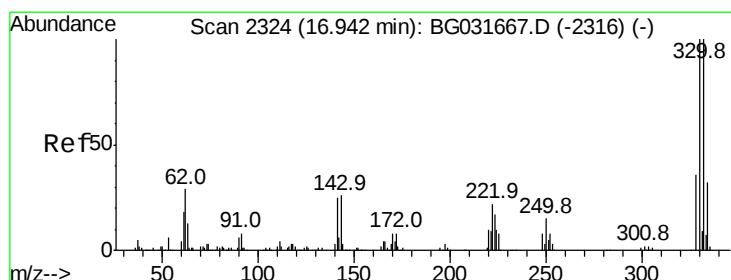
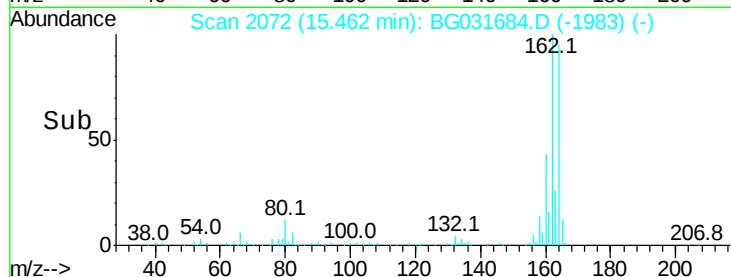
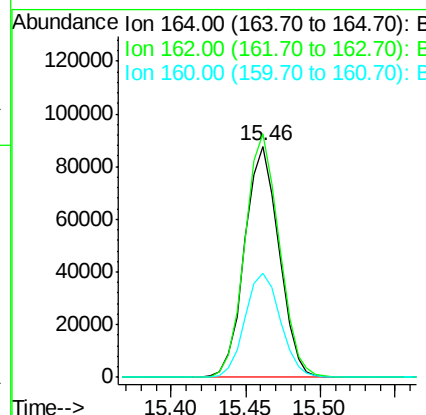
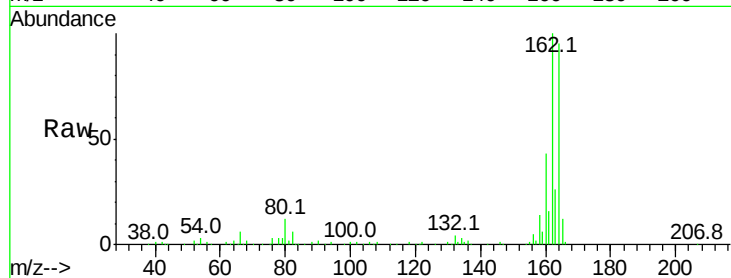




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG031684.D
 Acq: 21 Dec 2017 21:51

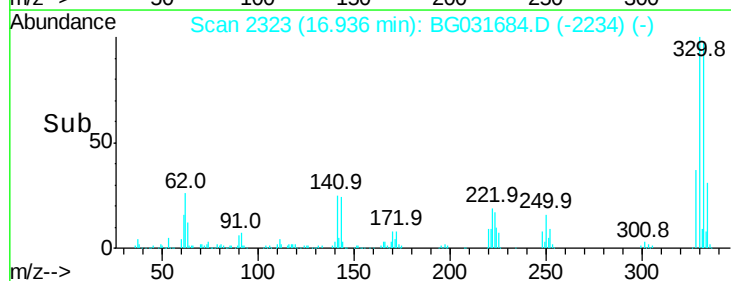
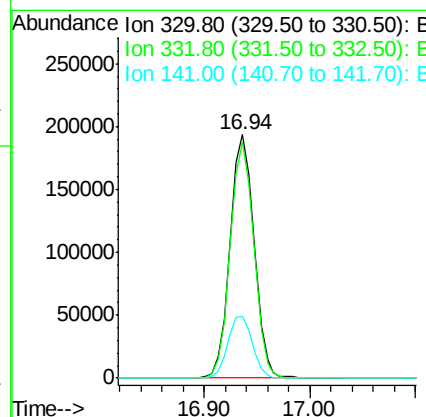
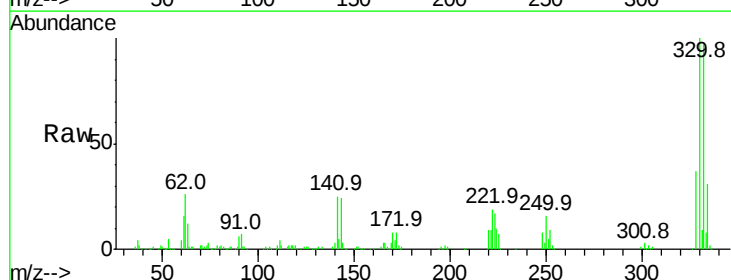
Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(75-77)

Tot Ion:164 Resp: 139442
 Ion Ratio Lower Upper
 164 100
 162 105.3 78.8 118.2
 160 45.1 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 142.859 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG031684.D
 Acq: 21 Dec 2017 21:51

Tgt Ion:330 Resp: 303960
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 26.1 25.2 37.8

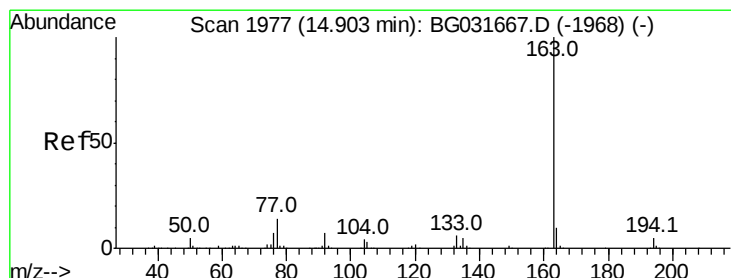
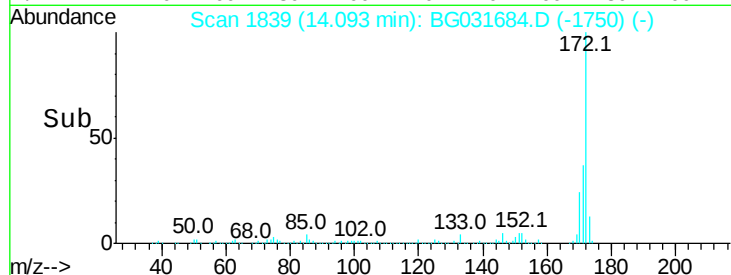
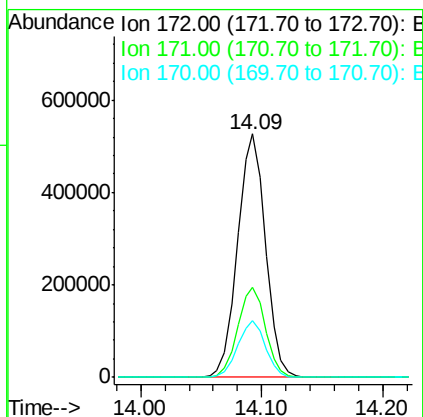
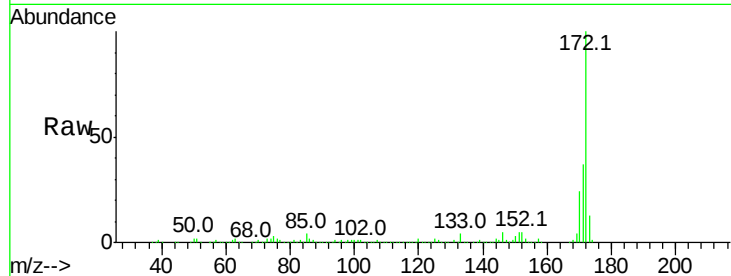




#44
2-Fluorobiphenyl
Concen: 76.191 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

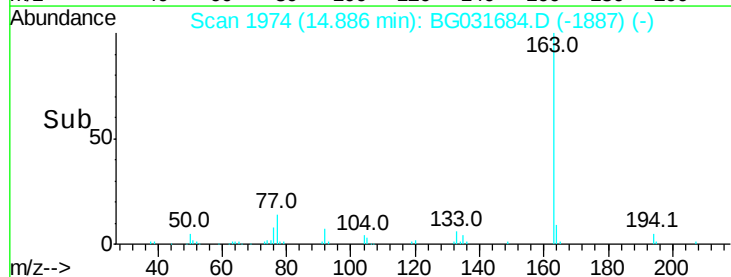
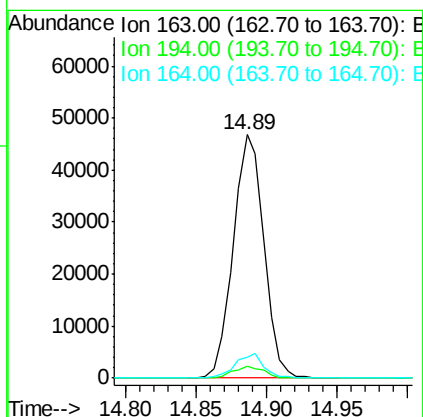
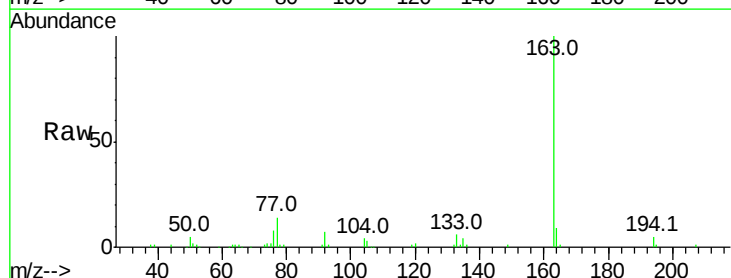
Instrument :
BNA_G
ClientSampleId :
EPE-108-1(75-77)

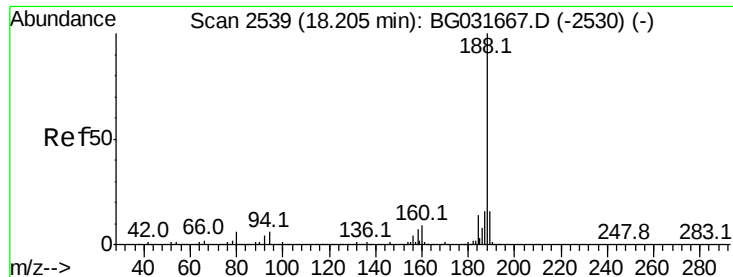
Tot Ion:172 Resp: 846465
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 5.756 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031684.D
Acq: 21 Dec 2017 21:51

Tgt Ion:163 Resp: 70710
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2
164 8.8 8.2 12.4

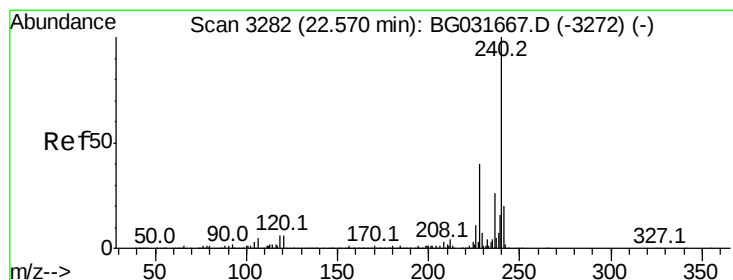
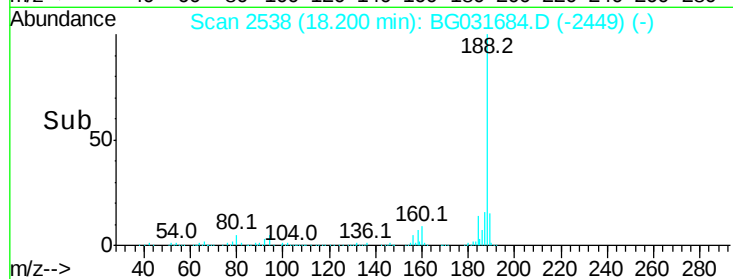
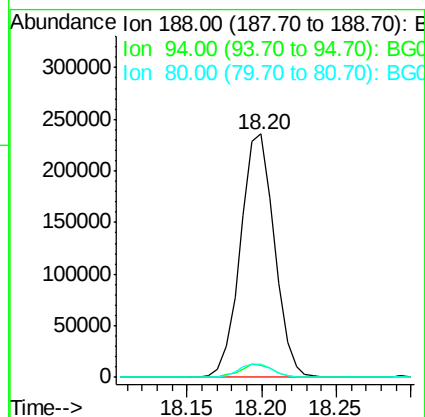
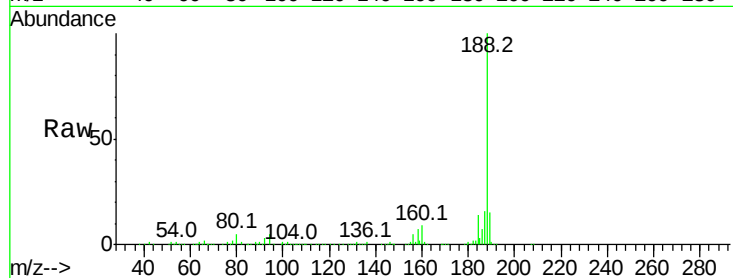




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG031684.D
 Acq: 21 Dec 2017 21:51

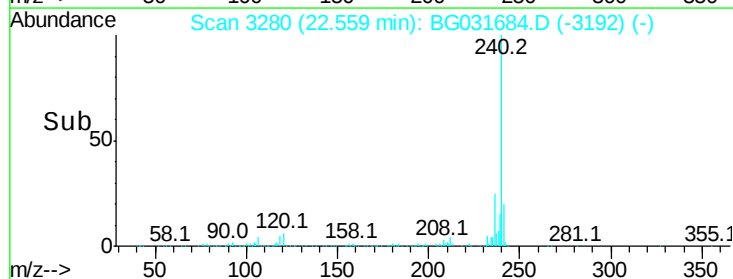
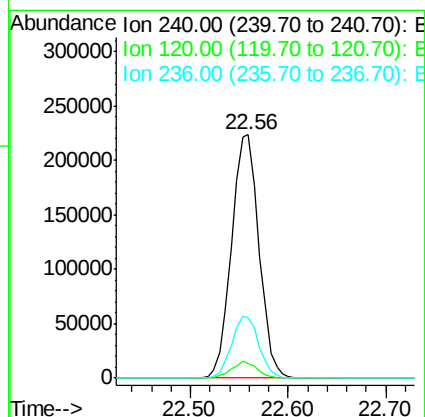
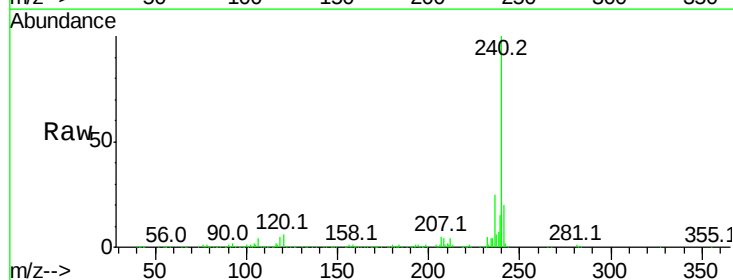
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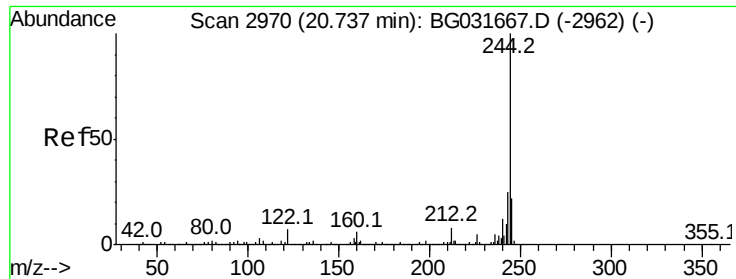
Tot Ion:188 Resp: 370842
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 5.5 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.01 min
 Lab File: BG031684.D
 Acq: 21 Dec 2017 21:51

Tgt Ion:240 Resp: 435291
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 77.133 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG031684.D

Acq: 21 Dec 2017 21:51

Instrument :

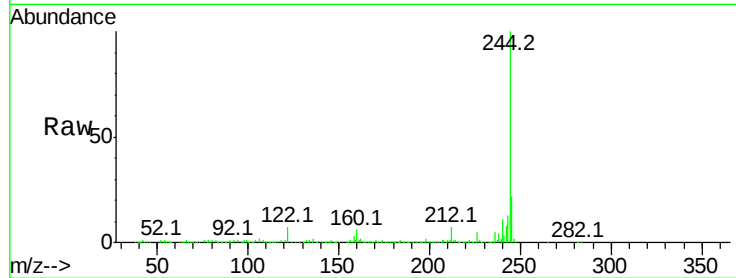
BNA_G

ClientSampleId :

EPE-108-1(75-77)

Tot Ion:244 Resp: 1469612

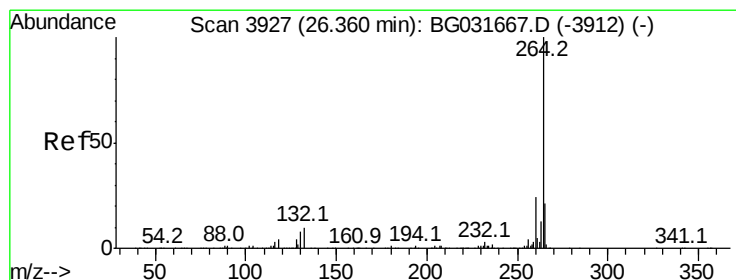
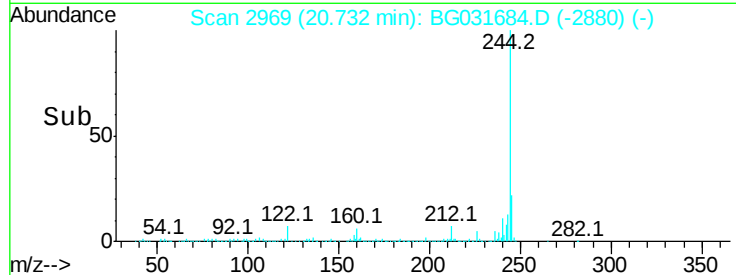
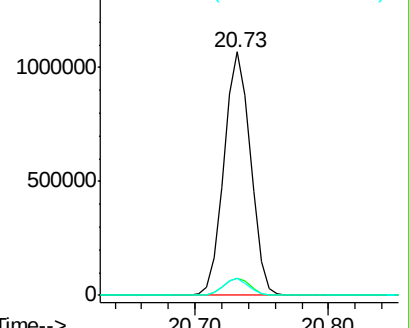
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	7.1	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.34 min Scan# 3924

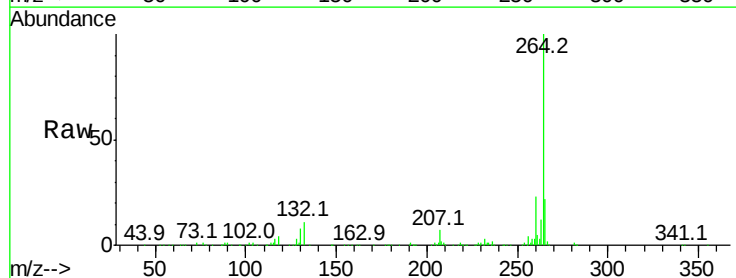
Delta R.T. -0.02 min

Lab File: BG031684.D

Acq: 21 Dec 2017 21:51

Tgt Ion:264 Resp: 455209

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	17.7	26.5



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

