

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031692.D
 Acq On : 22 Dec 2017 2:51
 Operator : SJ/JU
 Sample : I7002-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(55-57)

Quant Time: Dec 22 05:38:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

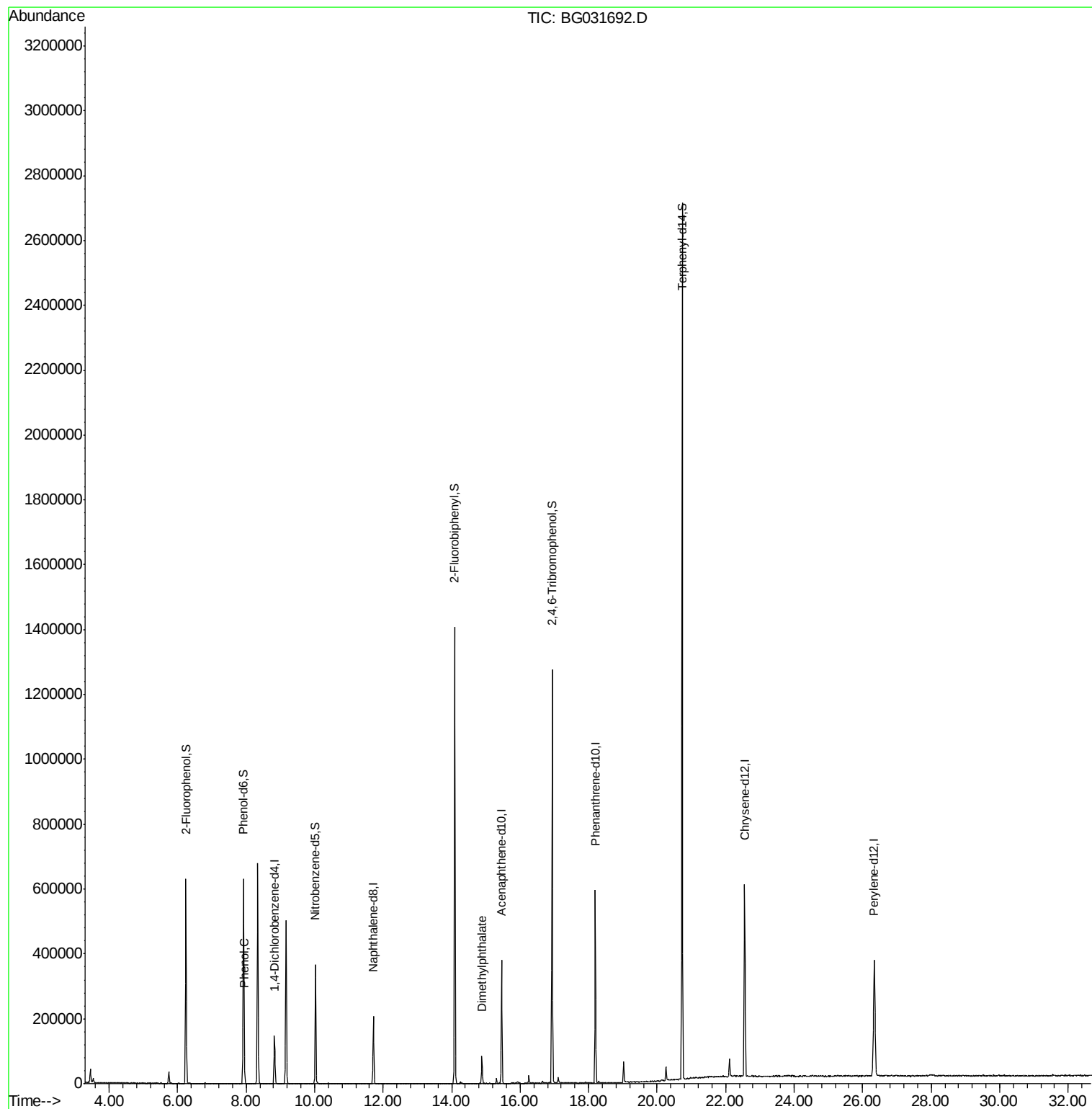
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	50620	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	212110	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	150792	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	400464	20.00	ng	0.00
75) Chrysene-d12	22.56	240	461436	20.00	ng	-0.01
86) Perylene-d12	26.34	264	490470	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	356233	128.18	ng	0.00
7) Phenol-d6	7.93	99	453279	125.62	ng	0.00
23) Nitrobenzene-d5	10.02	82	230002	81.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	302233	131.36	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	836526	69.63	ng	0.00
78) Terphenyl-d14	20.73	244	1439151	71.25	ng	0.00
Target Compounds						
10) Phenol	7.95	94	16733	4.593	ng	96
49) Dimethylphthalate	14.88	163	66713	5.022	ng	# 99

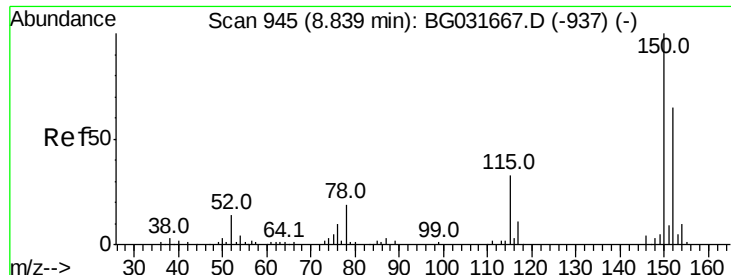
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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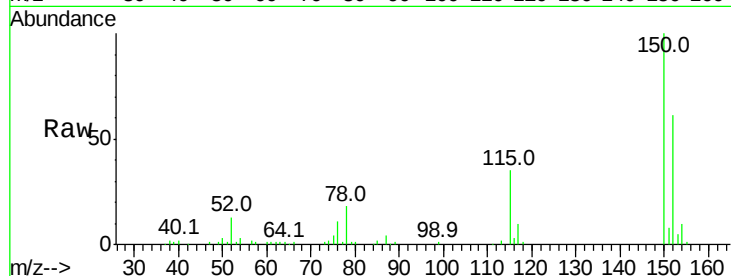


#1

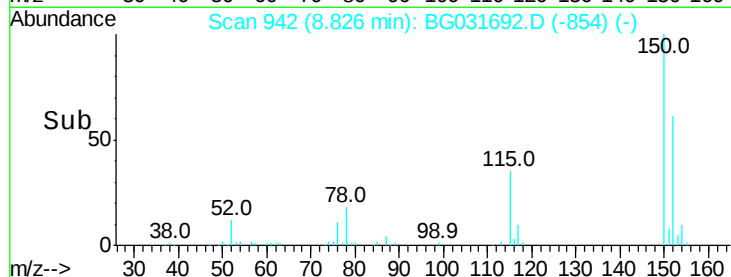
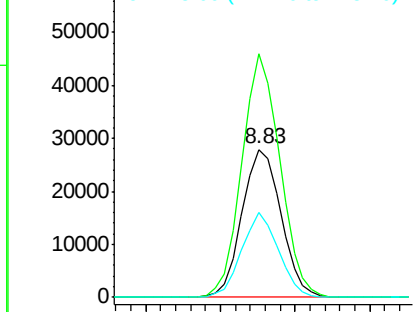
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(55-57)

Tot Ion:152 Resp: 50620
Ion Ratio Lower Upper
152 100
150 164.6 126.6 189.8
115 57.6 53.0 79.4



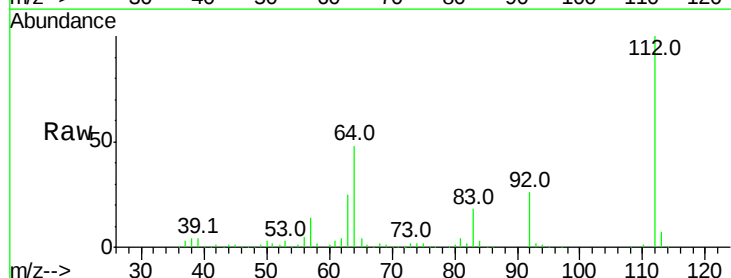
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



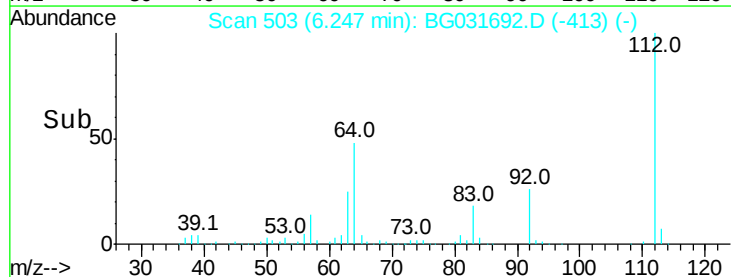
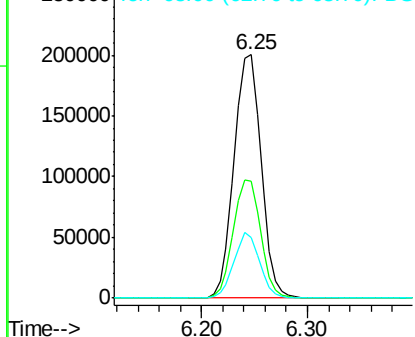
#5

2-Fluorophenol
Concen: 128.178 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

Tgt Ion:112 Resp: 356233
Ion Ratio Lower Upper
112 100
64 47.8 56.3 84.5#
63 24.9 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: 125.620 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(55-57)

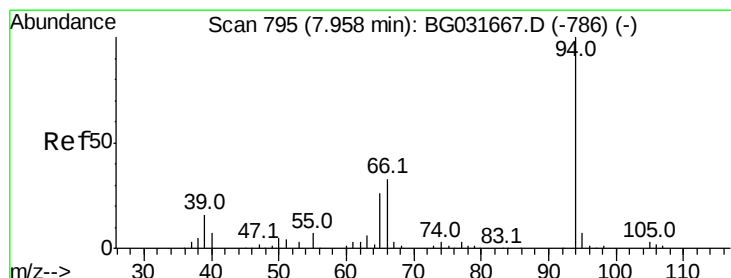
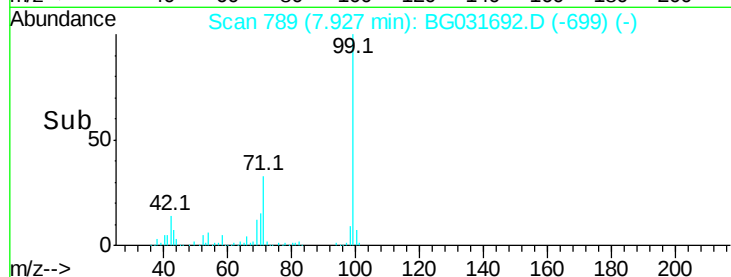
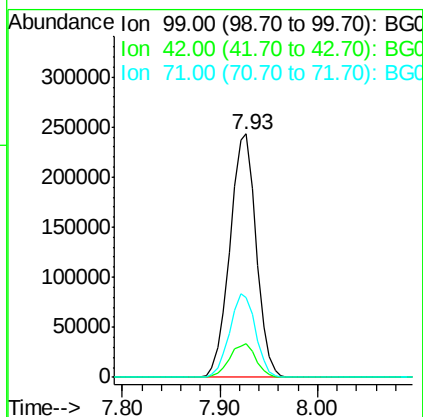
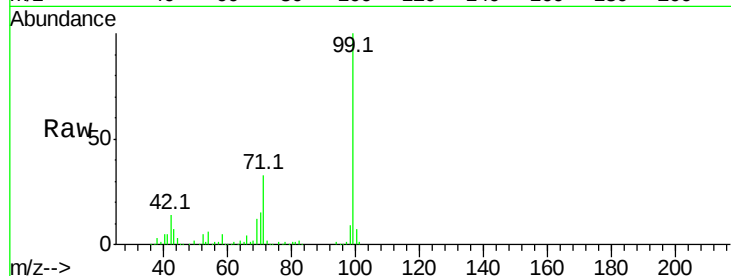
Tot Ion: 99 Resp: 453279

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 32.8 26.1 39.1



#10

Phenol

Concen: 4.593 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

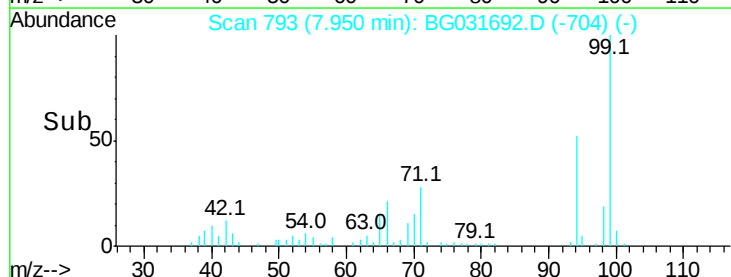
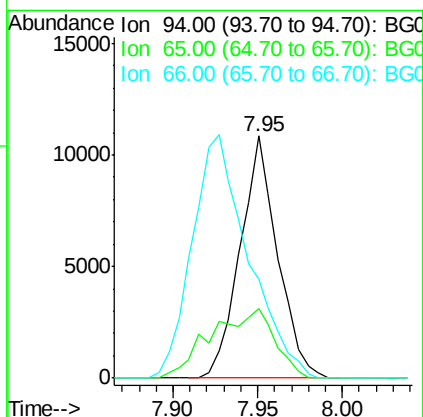
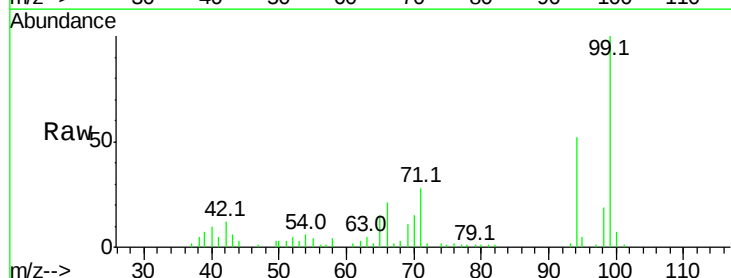
Tgt Ion: 94 Resp: 16733

Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

66 40.9 22.2 62.2

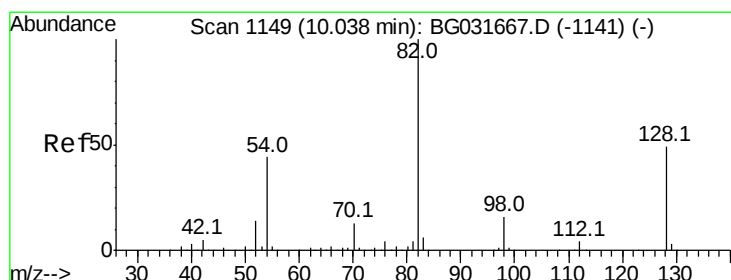
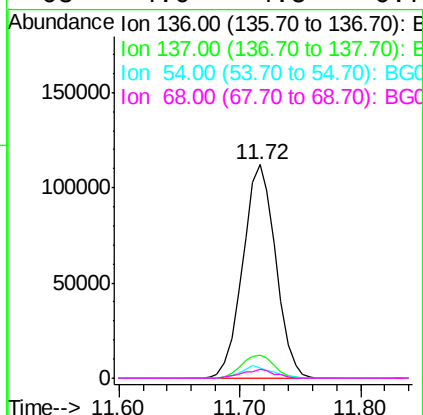
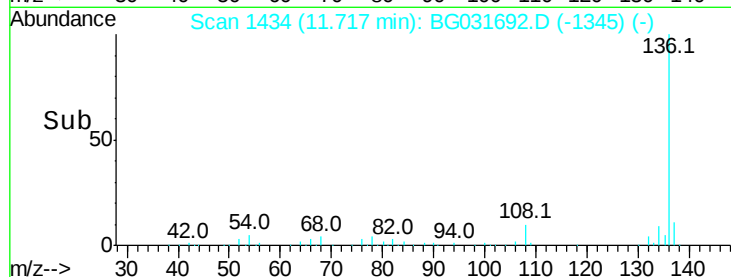
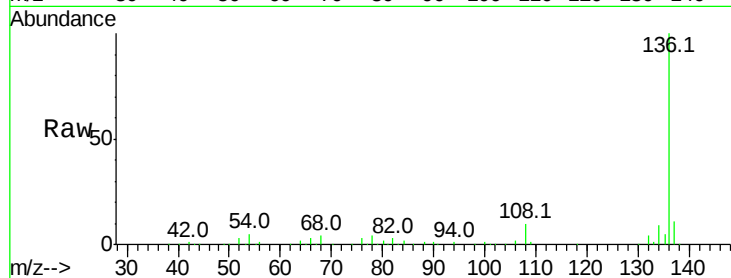




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

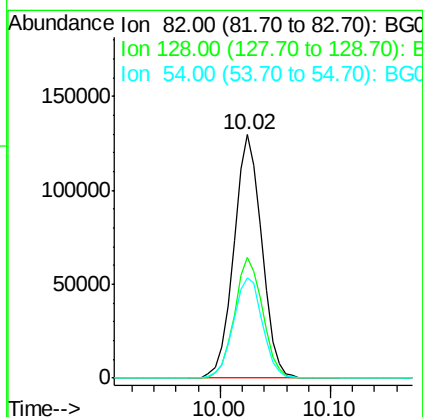
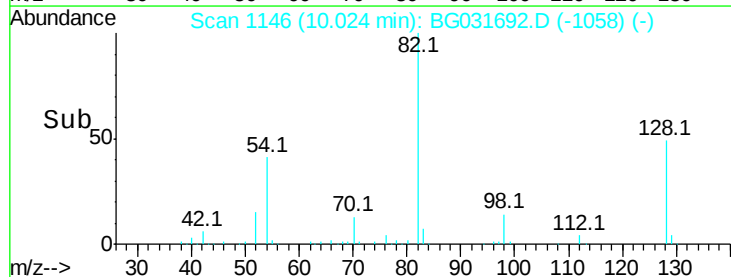
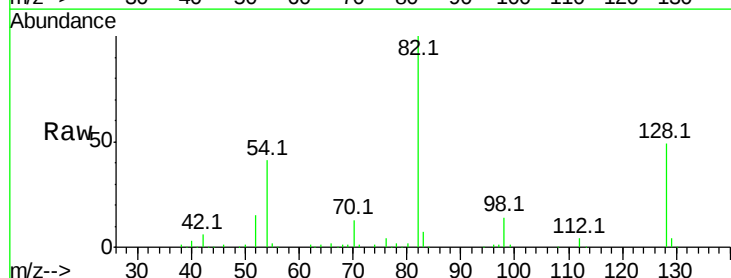
Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(55-57)

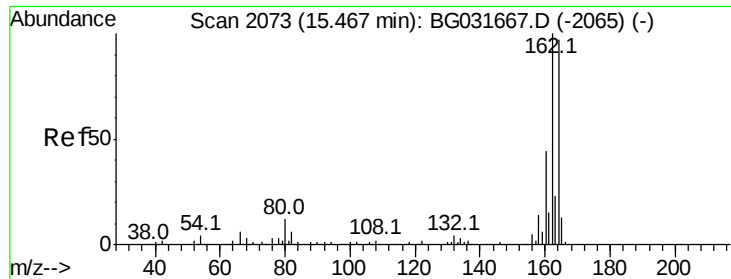
Tot Ion:	136	Resp:	212110
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.0	10.3	15.5#
68	4.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 81.882 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

Tgt Ion:	82	Resp:	230002
Ion	Ratio	Lower	Upper
82	100		
128	49.5	29.7	44.5#
54	41.2	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(55-57)

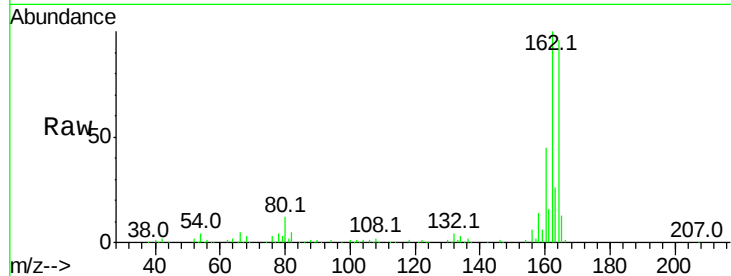
Tot Ion:164 Resp: 150792

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

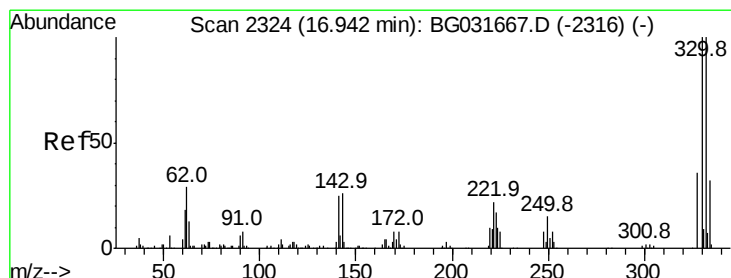
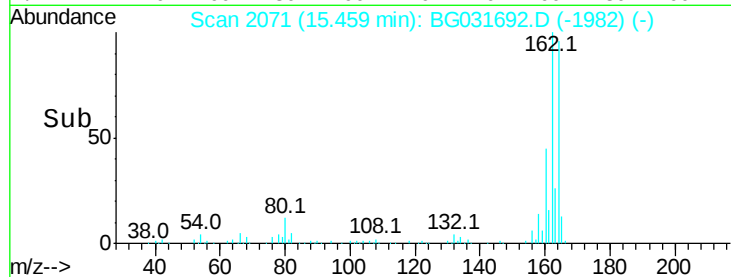
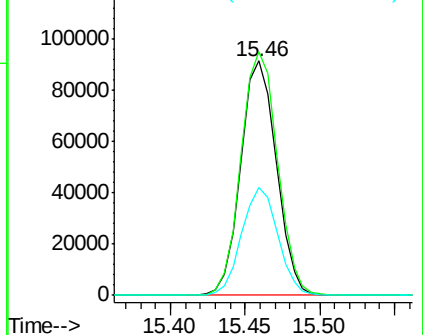
160 46.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 131.356 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

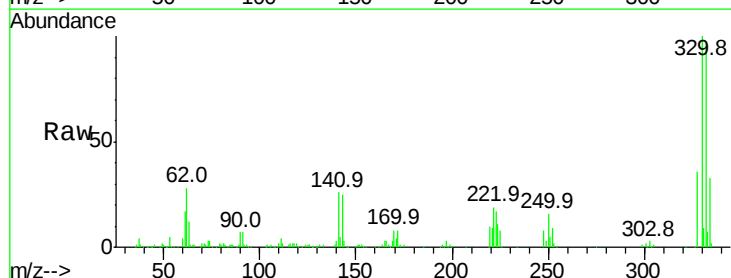
Tgt Ion:330 Resp: 302233

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

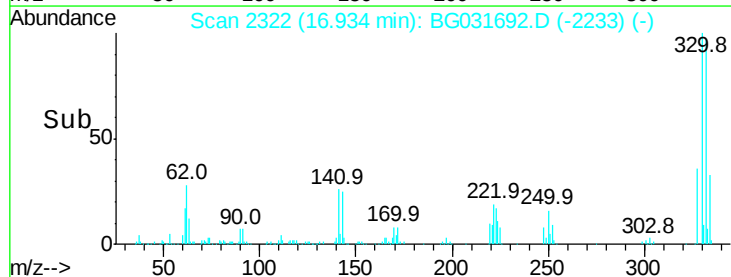
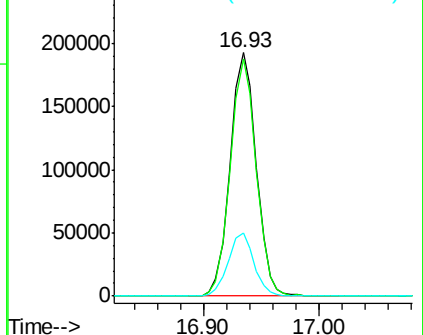
141 25.8 25.2 37.8



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

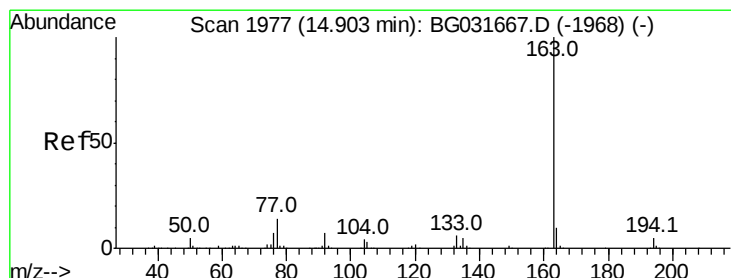
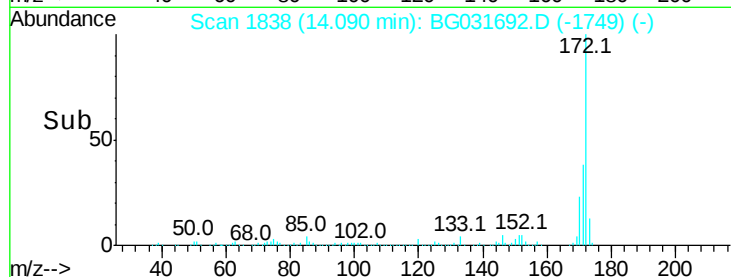
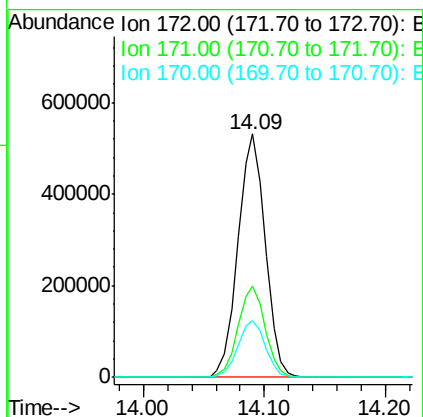
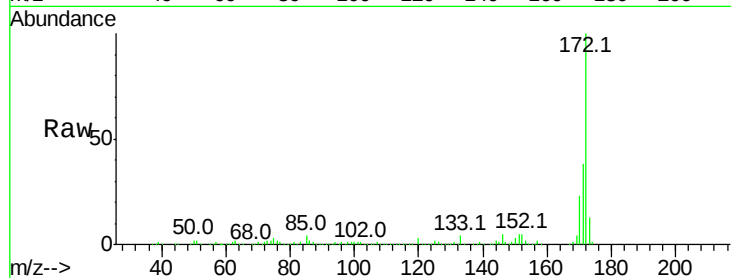




#44
2-Fluorobiphenyl
Concen: 69.629 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

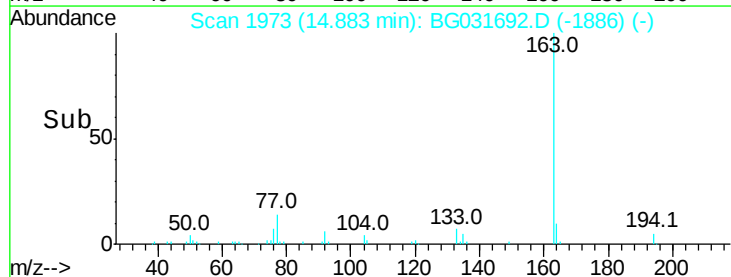
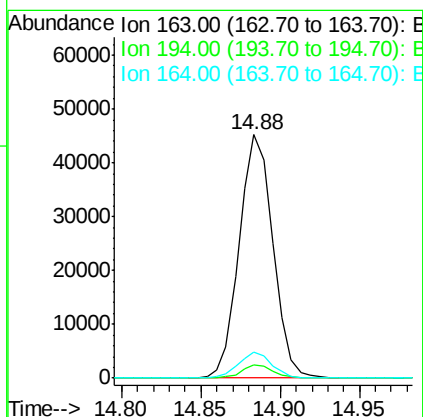
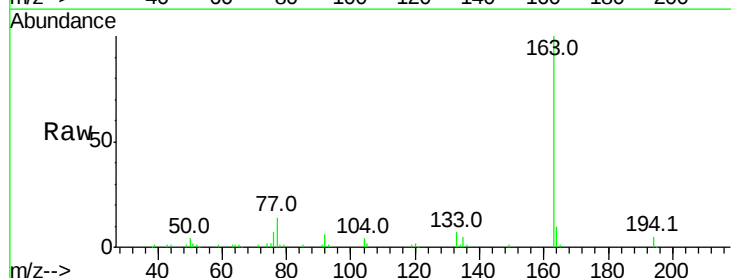
Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(55-57)

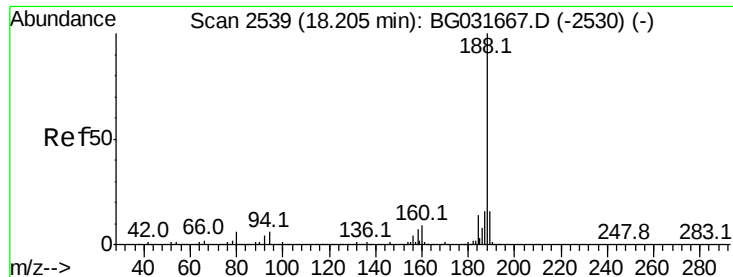
Tot Ion:172 Resp: 836526
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 5.022 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

Tgt Ion:163 Resp: 66713
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 10.4 8.2 12.4

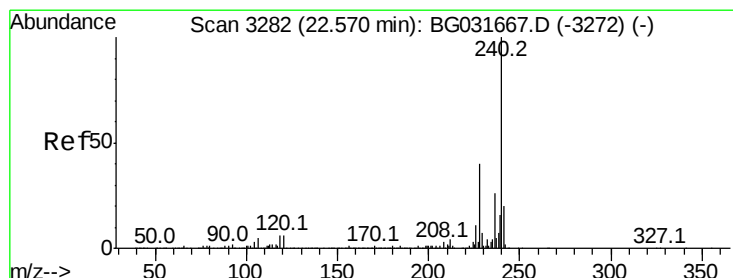
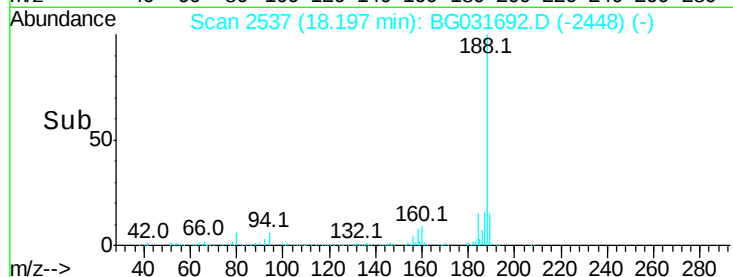
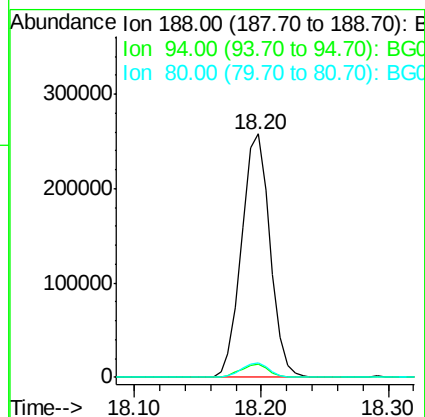
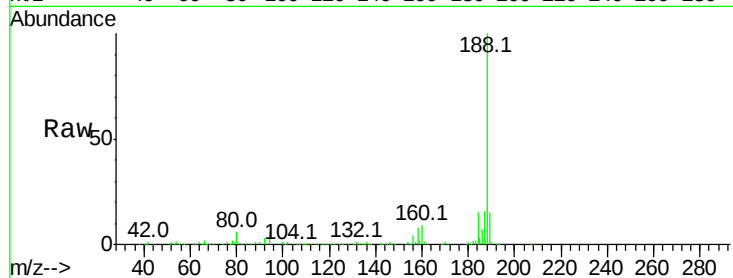




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

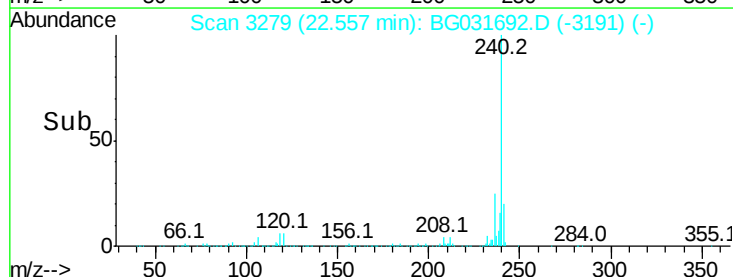
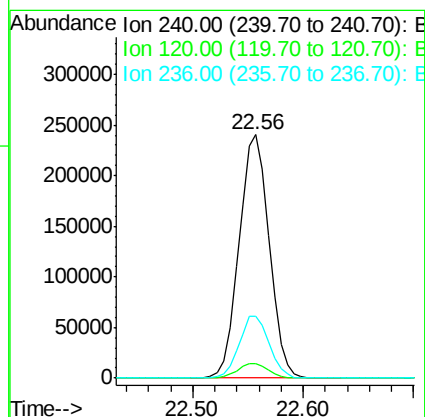
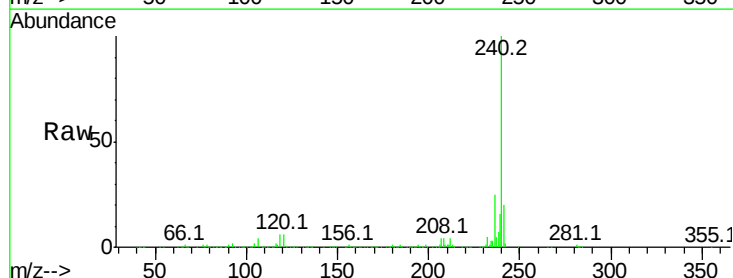
Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(55-57)

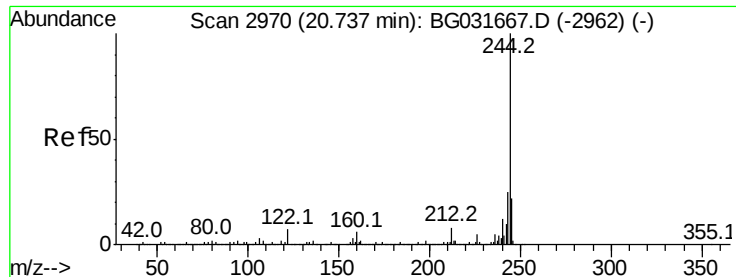
Tot Ion:188 Resp: 400464
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031692.D
Acq: 22 Dec 2017 2:51

Tgt Ion:240 Resp: 461436
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 71.255 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(55-57)

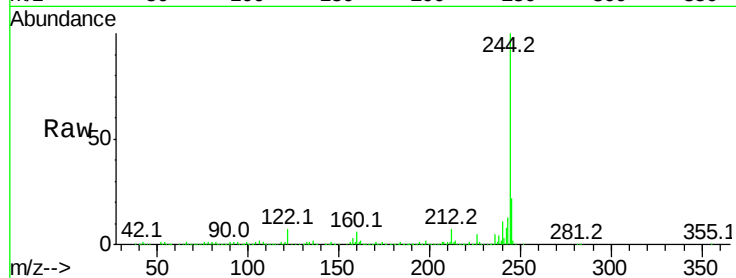
Tot Ion:244 Resp: 1439151

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

244 100

212 7.1 5.8 8.8

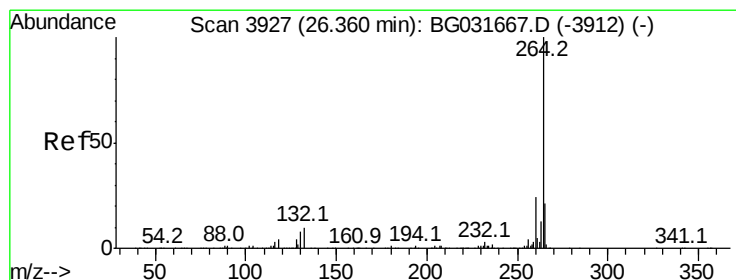
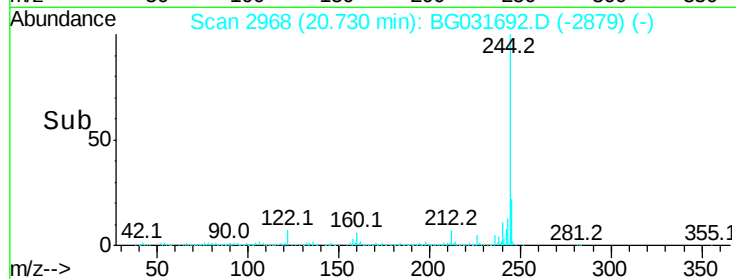
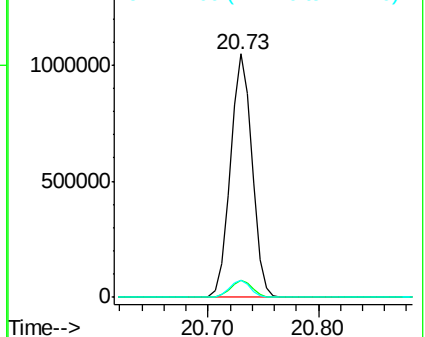
122 7.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031692.D

Acq: 22 Dec 2017 2:51

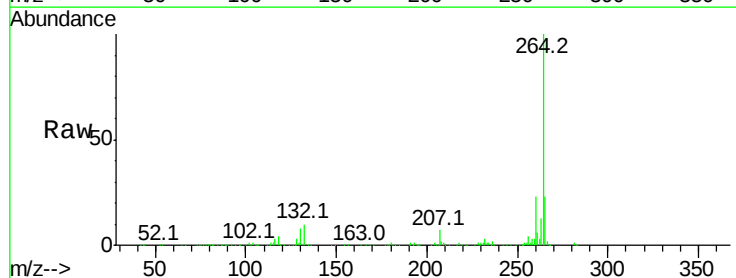
Tgt Ion:264 Resp: 490470

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.7	17.7	26.5

264 100

260 23.5 17.4 26.0

265 22.7 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

