

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031689.D
 Acq On : 22 Dec 2017 00:59
 Operator : SJ/JU
 Sample : I7002-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(32-40)

Quant Time: Dec 22 04:31:34 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

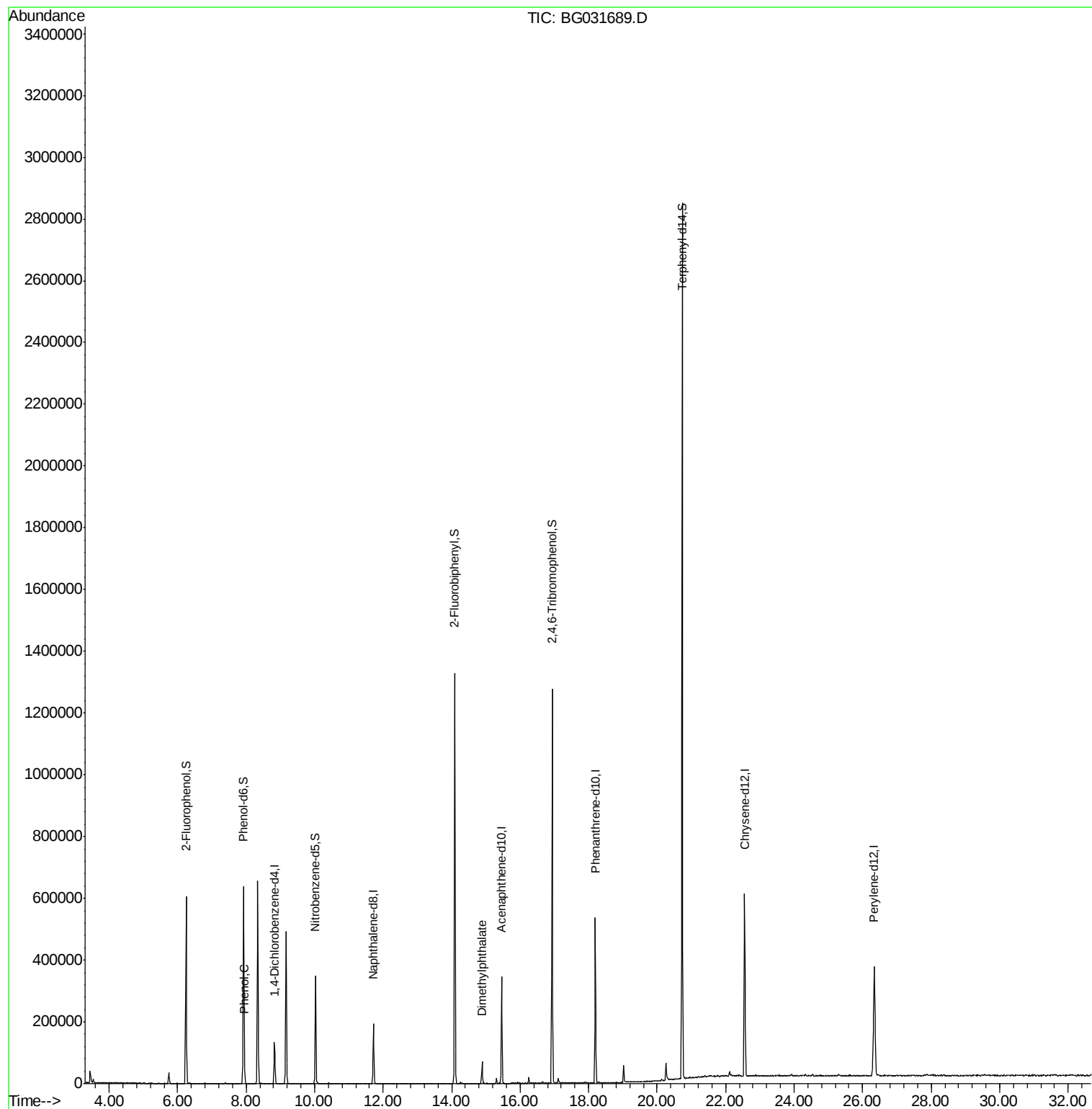
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	44998	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	194165	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	139157	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	375592	20.00	ng	0.00
75) Chrysene-d12	22.55	240	456351	20.00	ng	-0.02
86) Perylene-d12	26.34	264	475413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	346772	140.36	ng	0.00
7) Phenol-d6	7.93	99	448293	139.76	ng	0.00
23) Nitrobenzene-d5	10.02	82	222848	86.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	299451	141.03	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	822934	74.22	ng	0.00
78) Terphenyl-d14	20.73	244	1527631	76.48	ng	0.00
Target Compounds						
10) Phenol	7.96	94	17875	5.520	ng	92
49) Dimethylphthalate	14.89	163	58370	4.761	ng	98

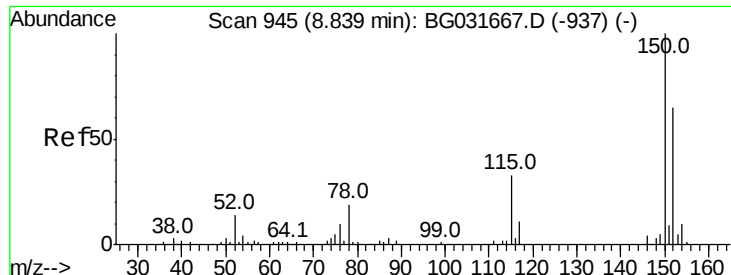
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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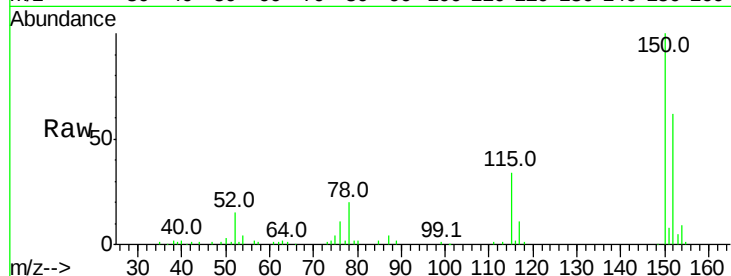


#1

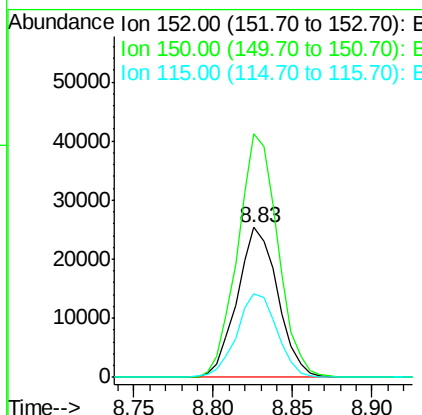
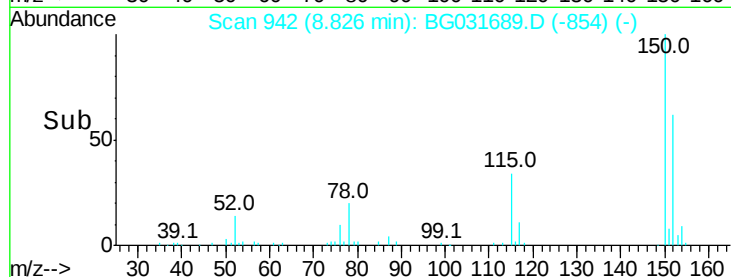
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(32-40)

Tot Ion:152 Resp: 44998
Ion Ratio Lower Upper
152 100
150 162.3 126.6 189.8
115 55.6 53.0 79.4



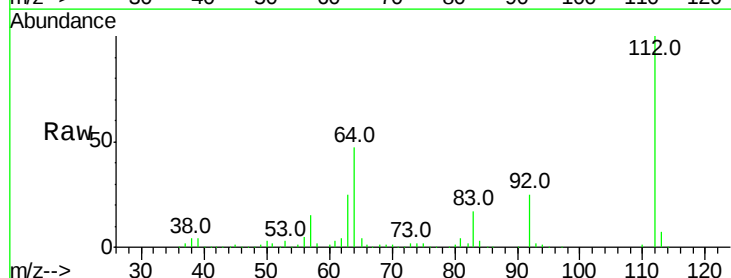
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



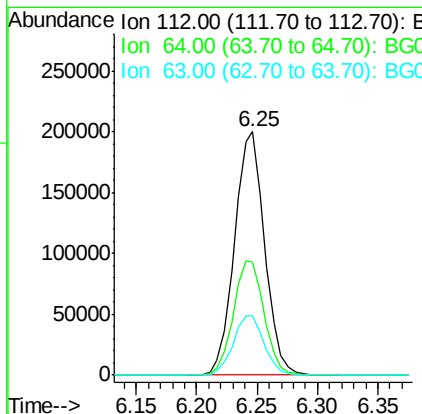
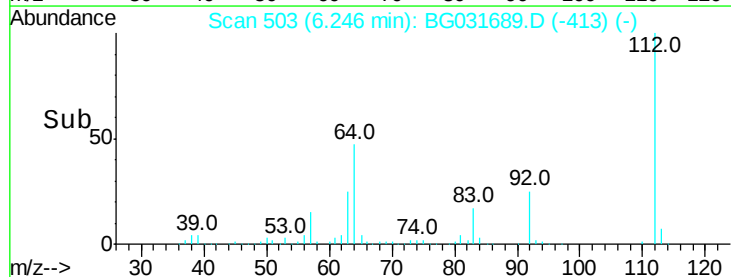
#5

2-Fluorophenol
Concen: 140.363 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion:112 Resp: 346772
Ion Ratio Lower Upper
112 100
64 46.6 56.3 84.5#
63 24.6 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: 139.761 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(32-40)

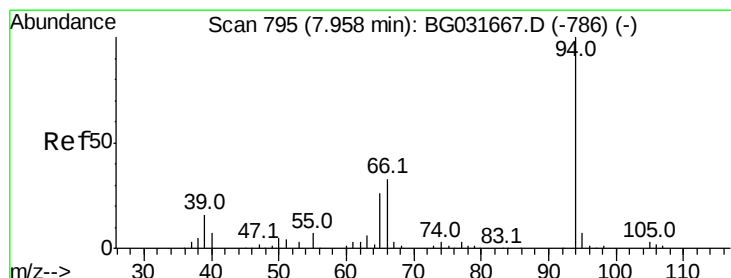
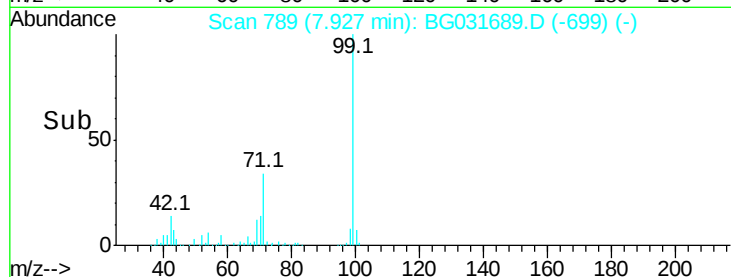
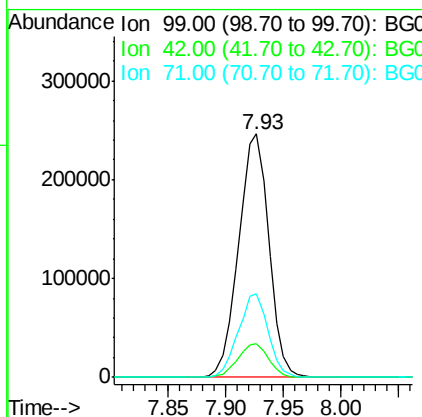
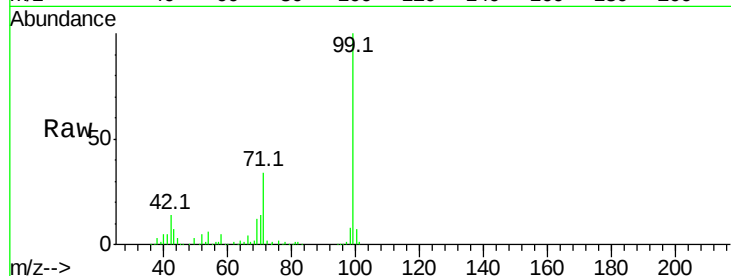
Tot Ion: 99 Resp: 448293

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 34.1 26.1 39.1



#10

Phenol

Concen: 5.520 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

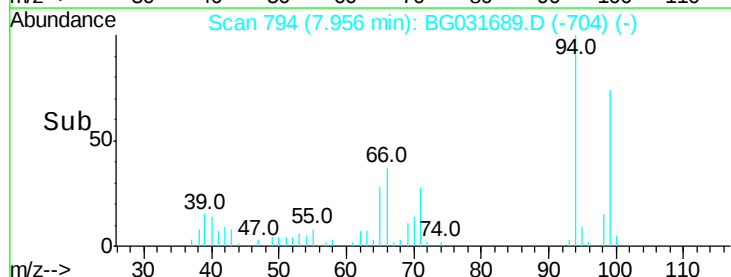
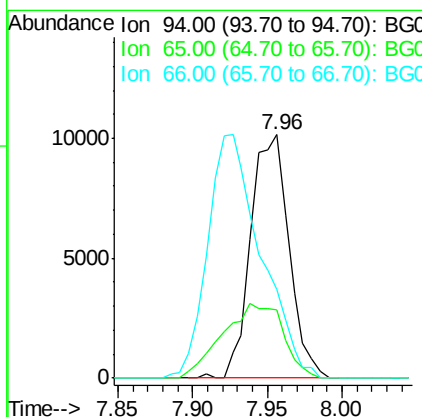
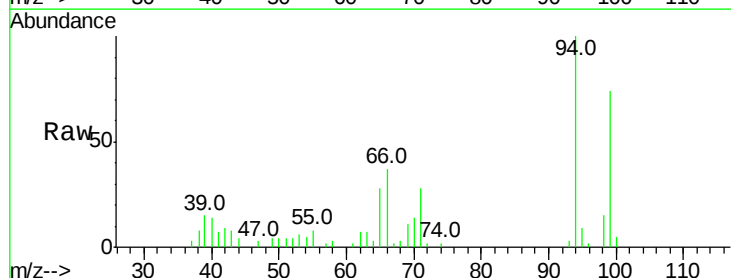
Tgt Ion: 94 Resp: 17875

Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 36.6 22.2 62.2

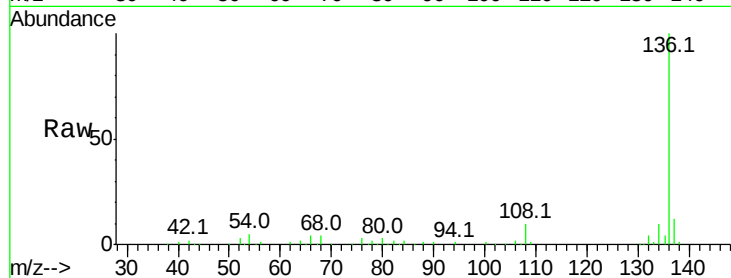




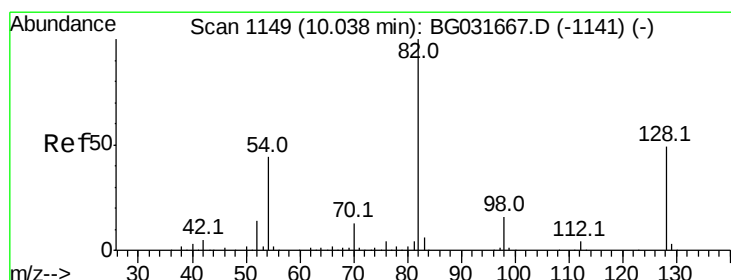
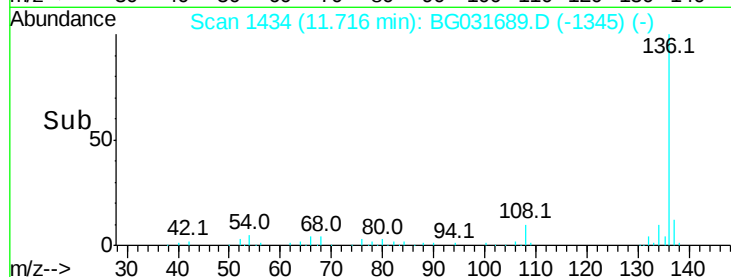
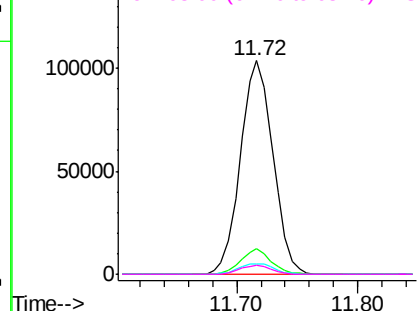
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(32-40)

Tot Ion:	136	Resp:	194165
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	4.7	10.3	15.5#
68	4.2	4.5	6.7#

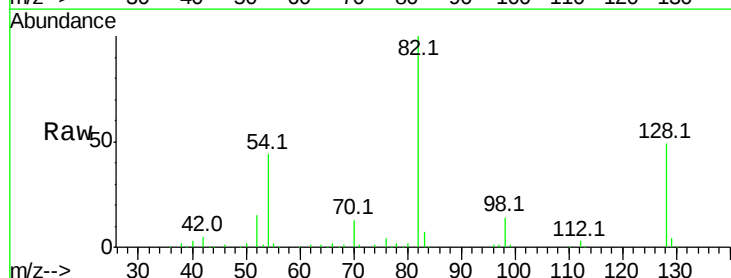


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

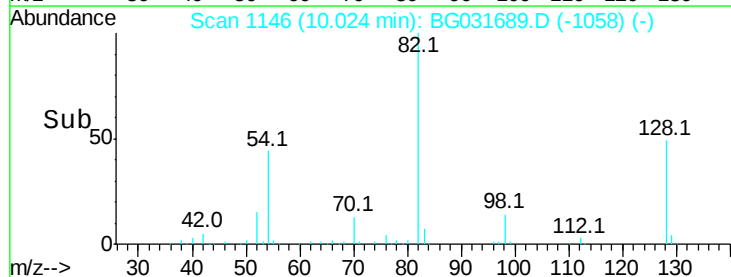
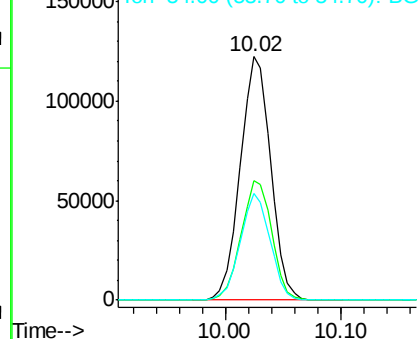


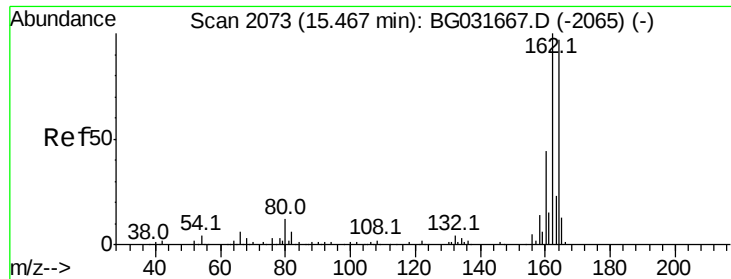
#23
Nitrobenzene-d5
Concen: 86.667 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion:	82	Resp:	222848
Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	43.9	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

Instrument :

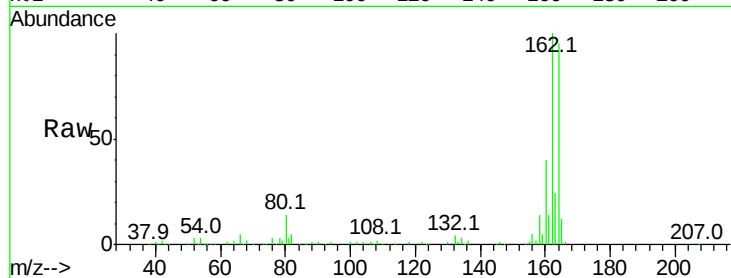
BNA_G

ClientSampleId :

EPE-106-3DS(32-40)

Tot Ion:164 Resp: 139157

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	41.5	35.4	53.0

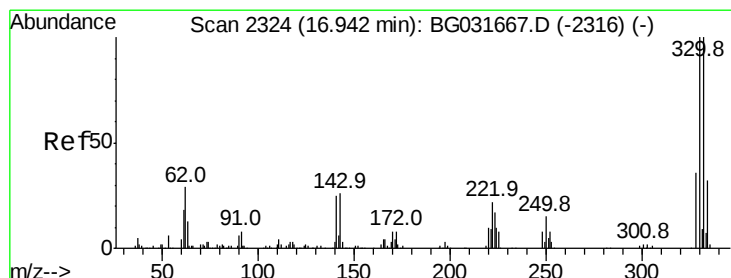
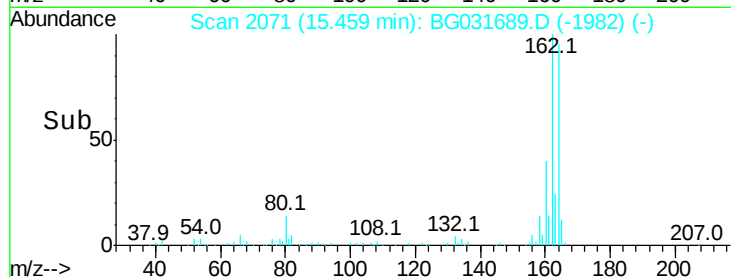
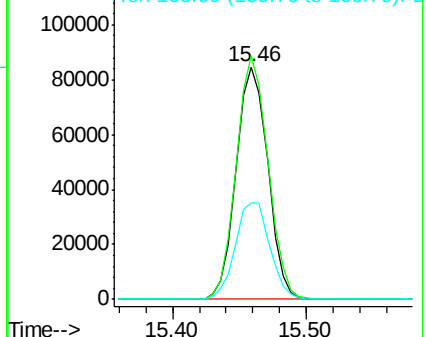


Abundance

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: 141.028 ng

RT: 16.93 min Scan# 2322

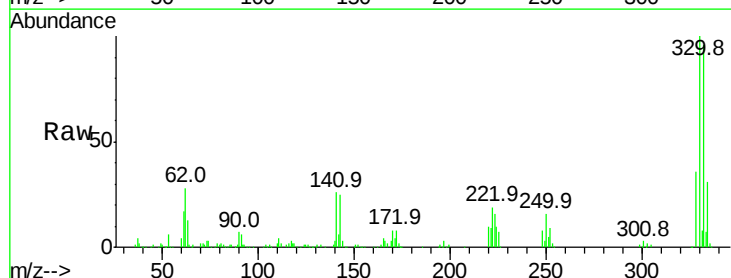
Delta R.T. -0.01 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

Tgt Ion:330 Resp: 299451

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.2	25.2	37.8

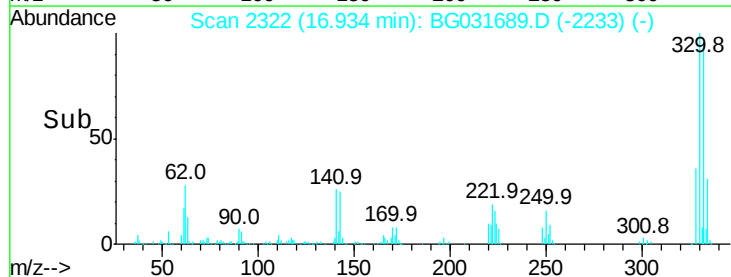
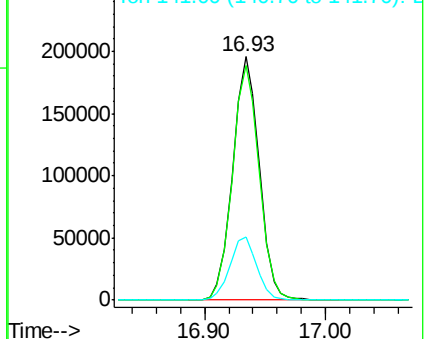


Abundance

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

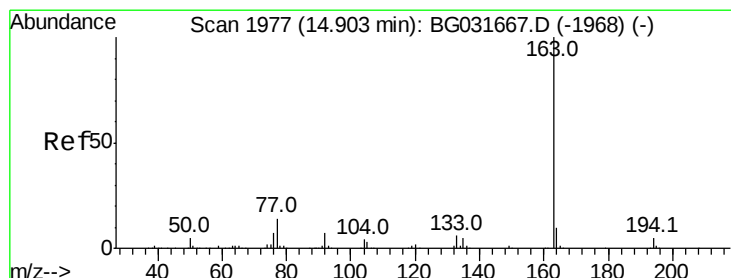
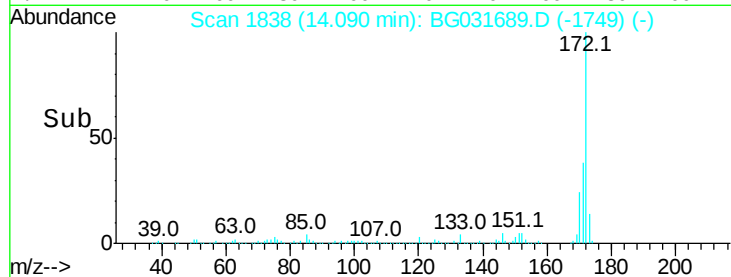
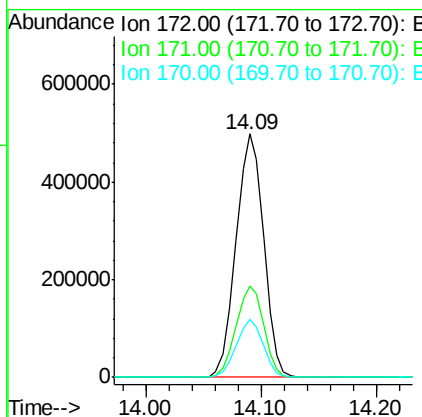
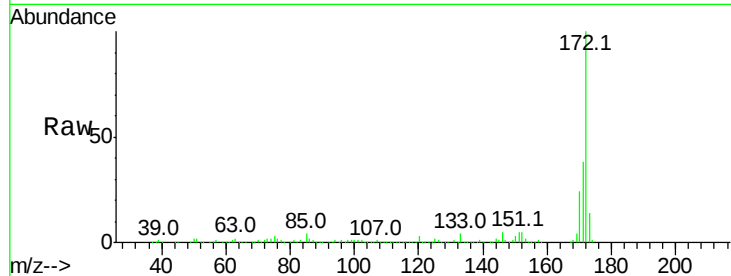




#44
2-Fluorobiphenyl
Concen: 74.225 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

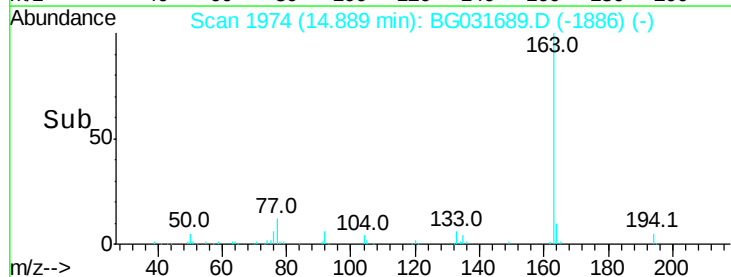
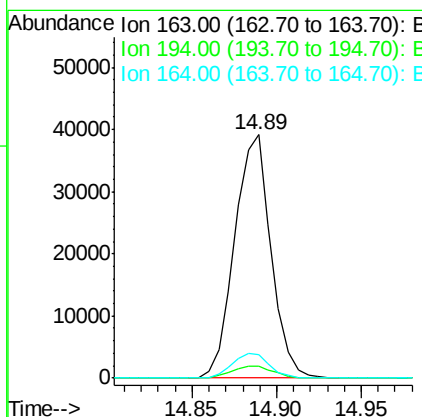
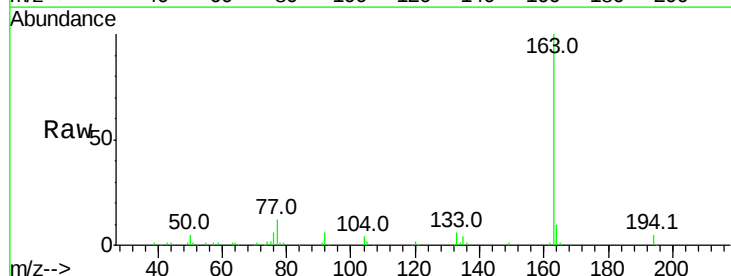
Instrument :
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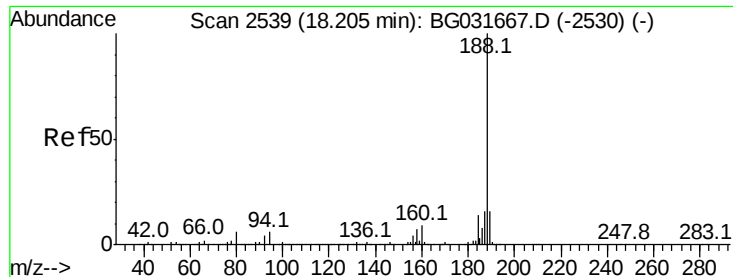
Tot Ion:172 Resp: 822934
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.0 19.5 29.3



#49
Dimethylphthalate
Concen: 4.761 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion:163 Resp: 58370
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.8 8.2 12.4

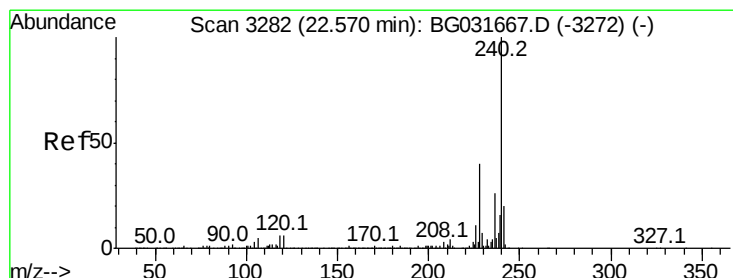
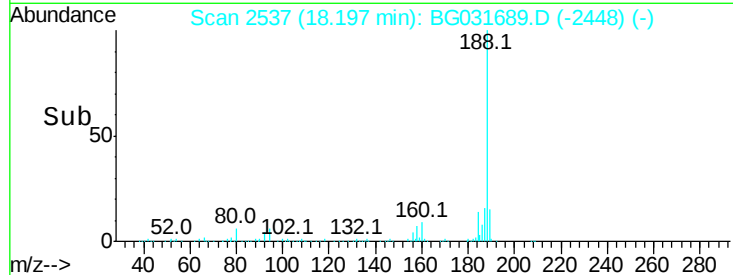
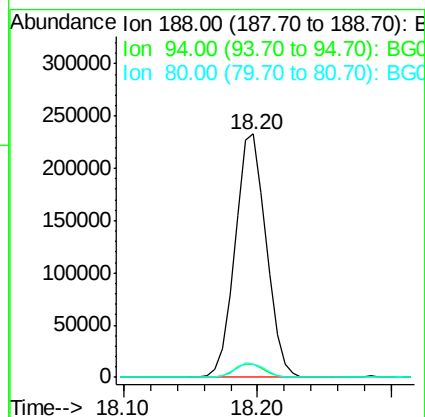
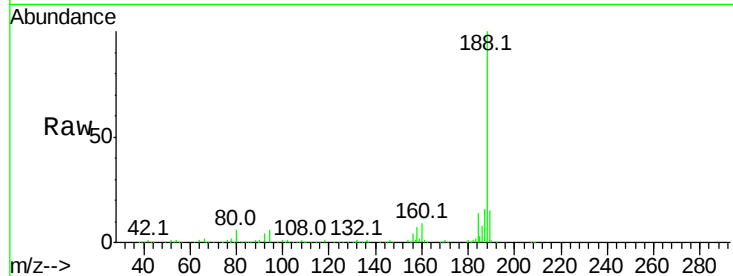




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

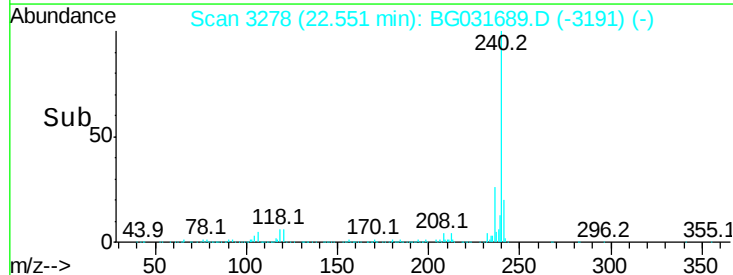
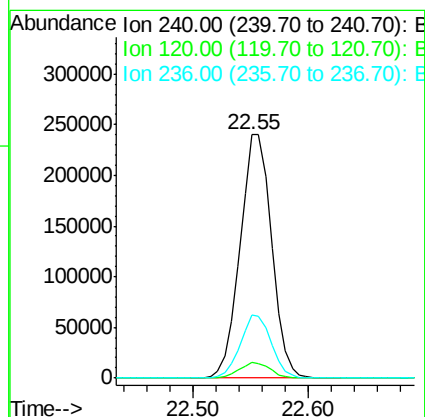
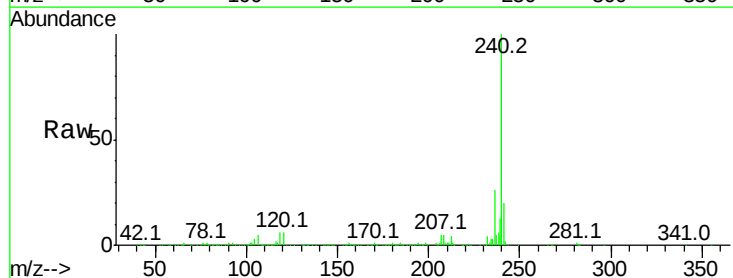
Instrument :
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EPE-106-3DS(32-40)

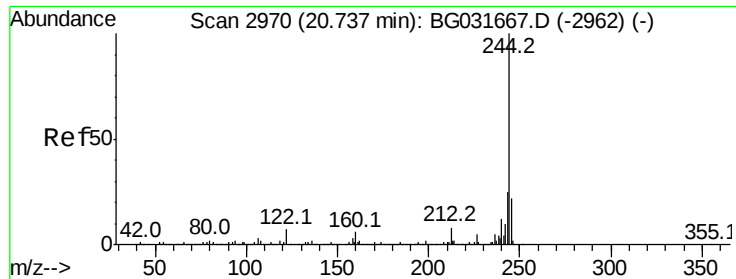
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.6	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031689.D
Acq: 22 Dec 2017 00:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.9	20.9	31.3





#78

Terphenyl-d14

Concen: 76.478 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031689.D

Acq: 22 Dec 2017 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(32-40)

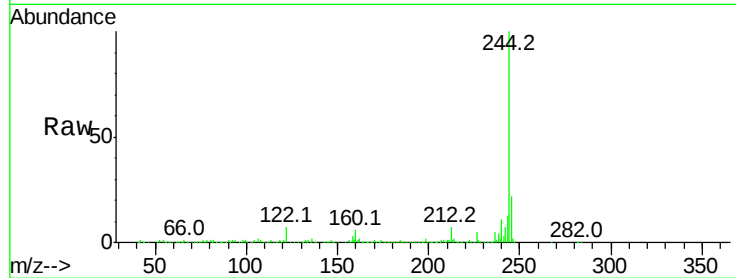
Tot Ion:244 Resp: 1527631

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

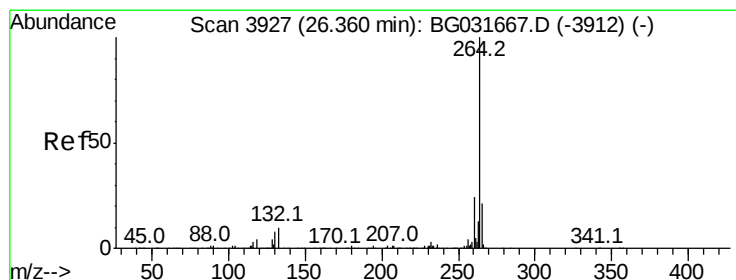
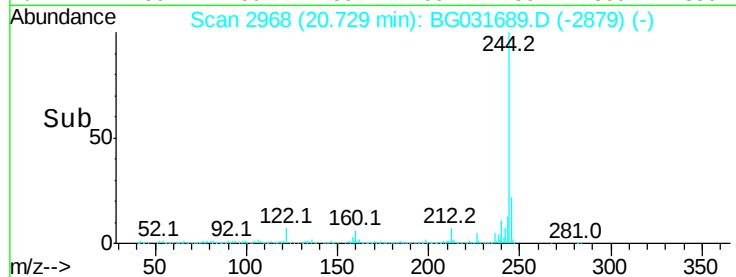
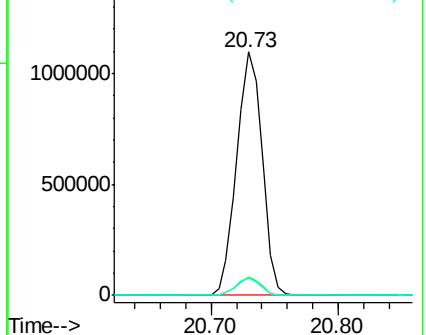
122 7.0 7.0 10.4



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: BG031689.D

Acq: 22 Dec 2017 00:59

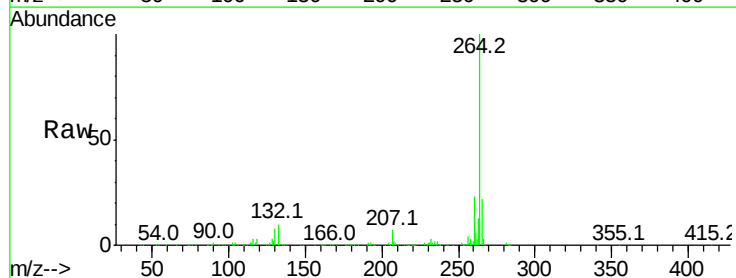
Tgt Ion:264 Resp: 475413

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

