

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031691.D
 Acq On : 22 Dec 2017 2:14
 Operator : SJ/JU
 Sample : I7002-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(85-87)

Quant Time: Dec 22 04:35:13 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

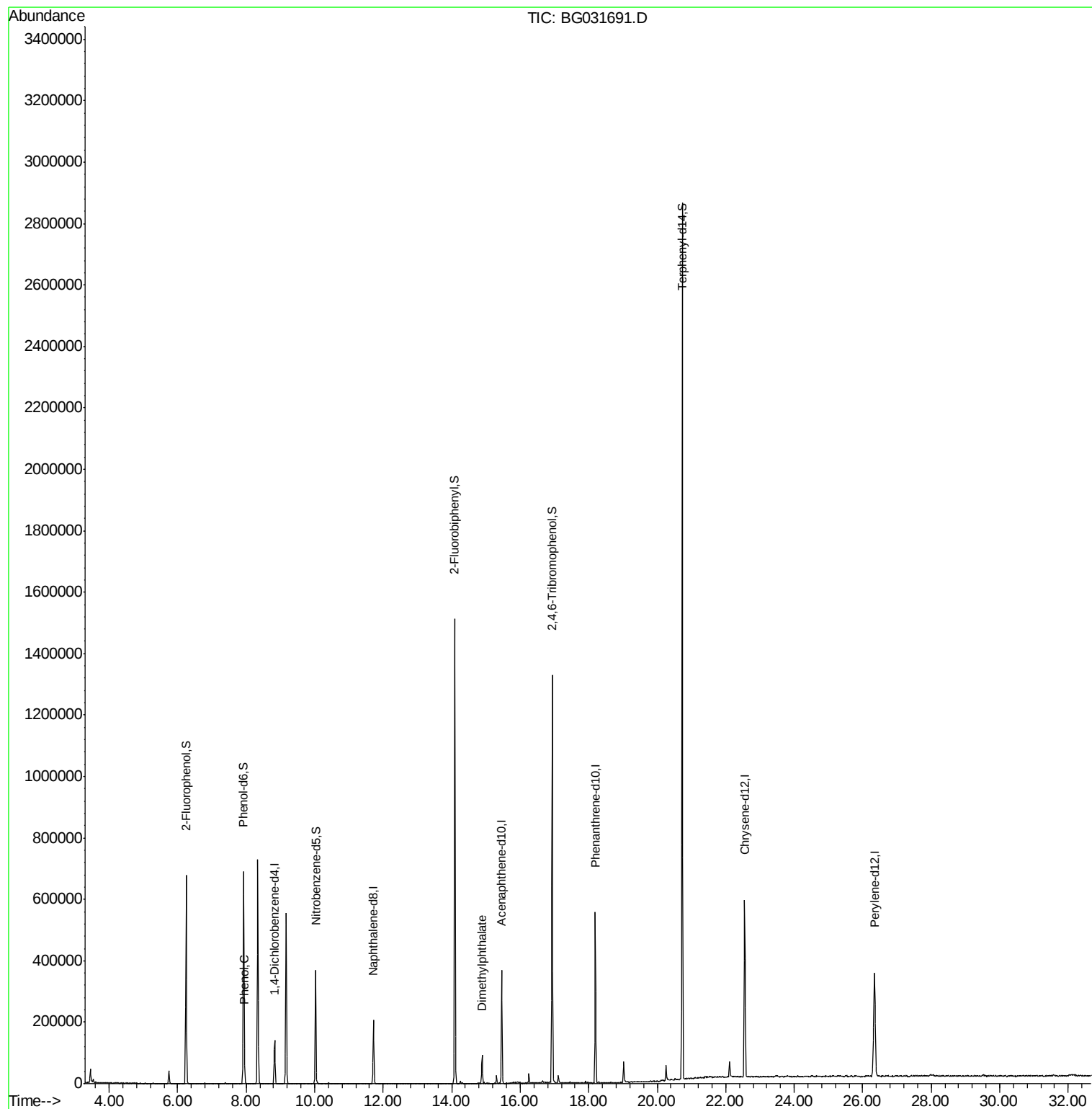
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	50148	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	208799	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	148132	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	385779	20.00	ng	0.00
75) Chrysene-d12	22.56	240	451208	20.00	ng	-0.01
86) Perylene-d12	26.35	264	474101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	375818	136.50	ng	0.00
7) Phenol-d6	7.93	99	484860	135.64	ng	0.00
23) Nitrobenzene-d5	10.03	82	240894	87.12	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	317964	140.67	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	909335	77.05	ng	0.00
78) Terphenyl-d14	20.73	244	1582316	80.12	ng	0.00
Target Compounds						
10) Phenol	7.96	94	19027	5.272	ng	98
49) Dimethylphthalate	14.89	163	70422	5.396	ng	# 97

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

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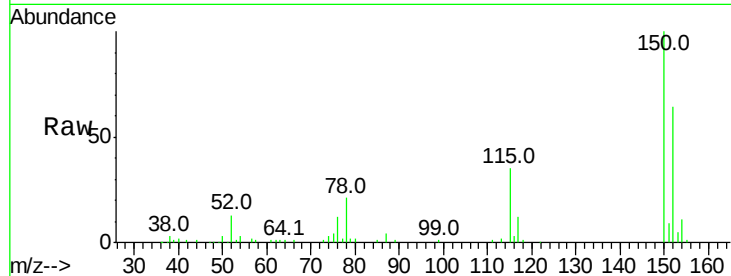


#1

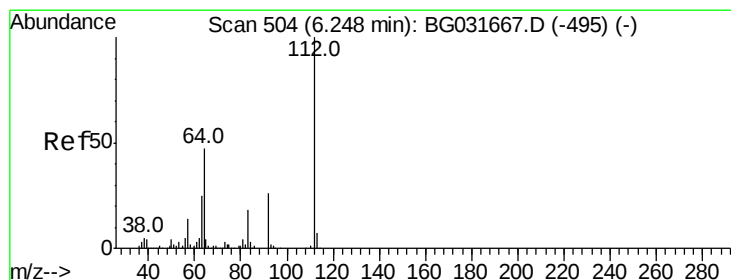
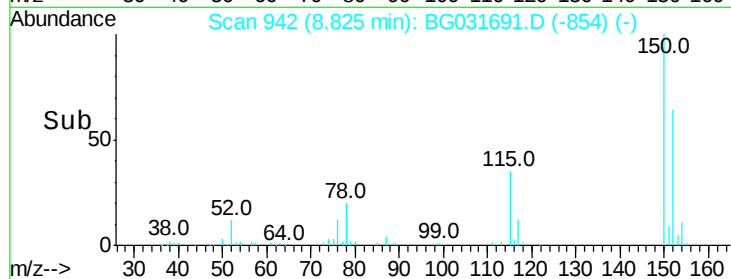
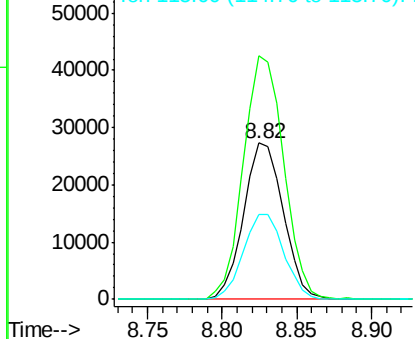
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(85-87)

Tot Ion:152 Resp: 50148
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 54.3 53.0 79.4



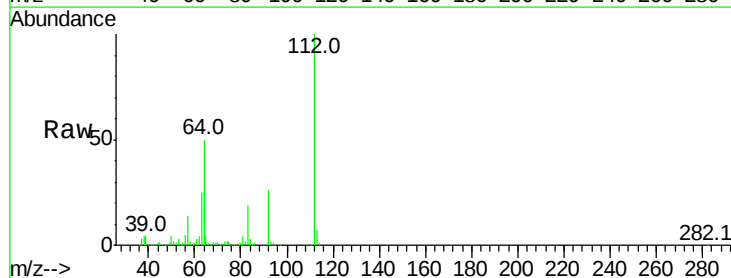
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



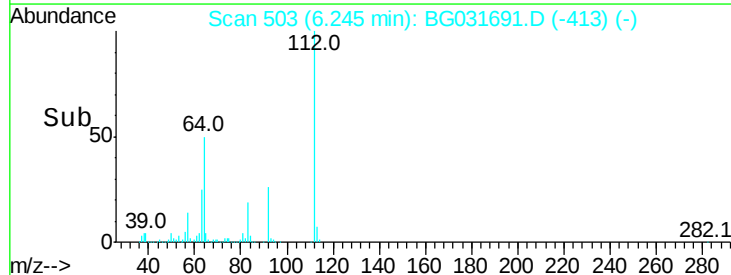
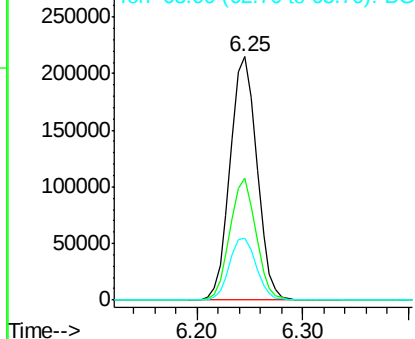
#5

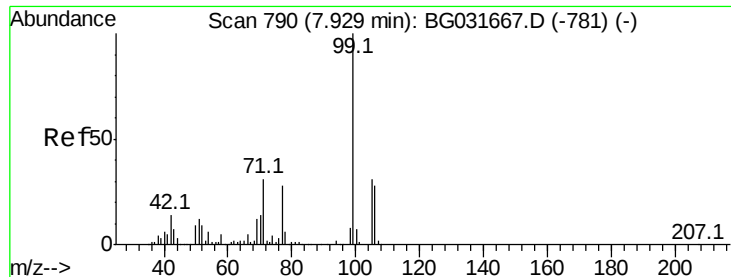
2-Fluorophenol
Concen: 136.498 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion:112 Resp: 375818
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 25.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 135.637 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(85-87)

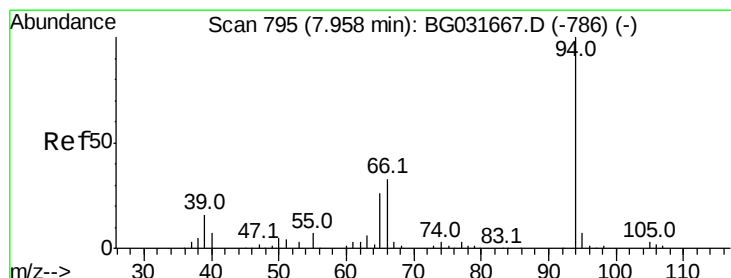
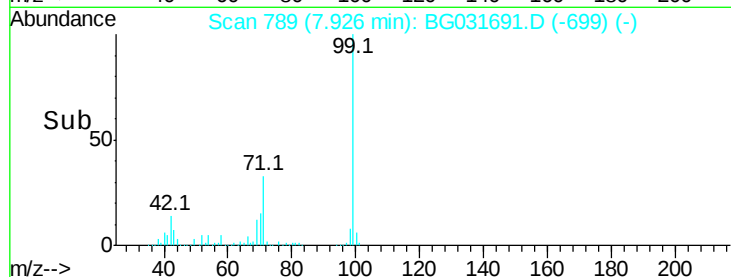
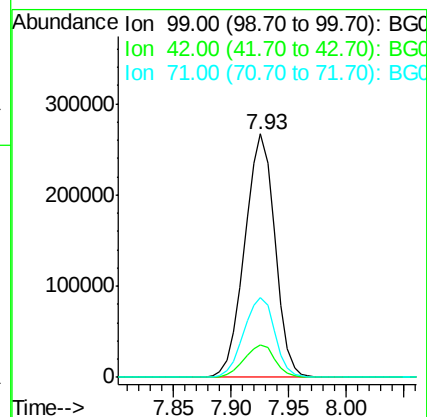
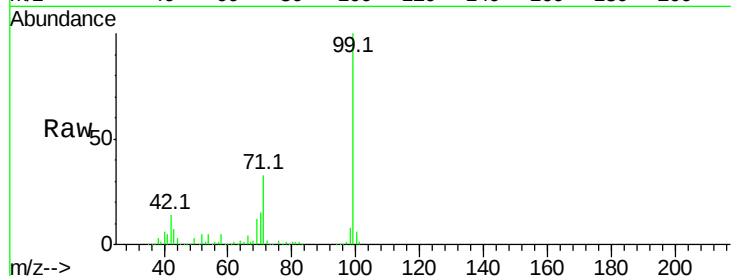
Tot Ion: 99 Resp: 484860

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

71 32.9 26.1 39.1



#10

Phenol

Concen: 5.272 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

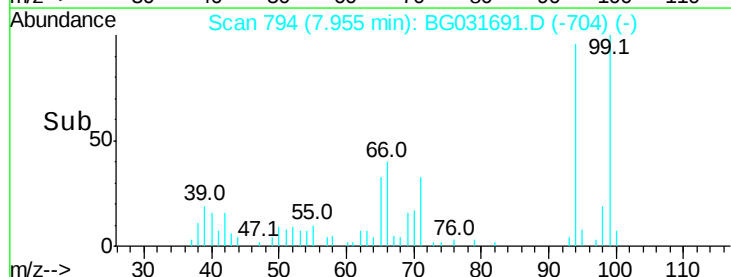
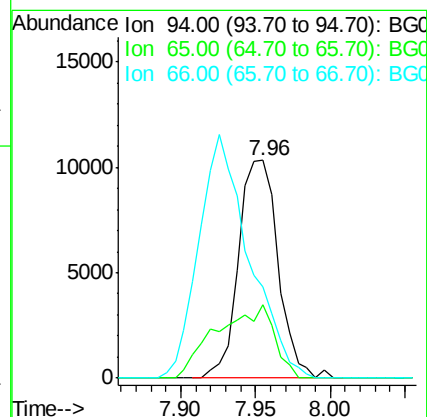
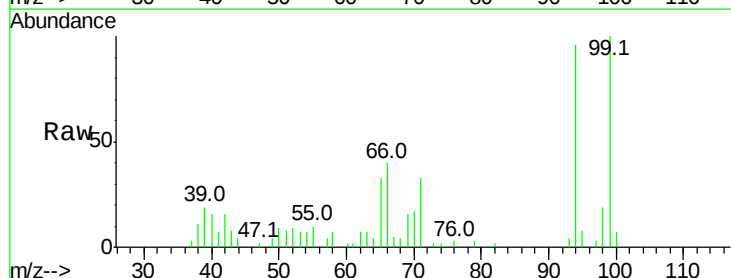
Tgt Ion: 94 Resp: 19027

Ion Ratio Lower Upper

94 100

65 33.9 11.9 51.9

66 41.9 22.2 62.2

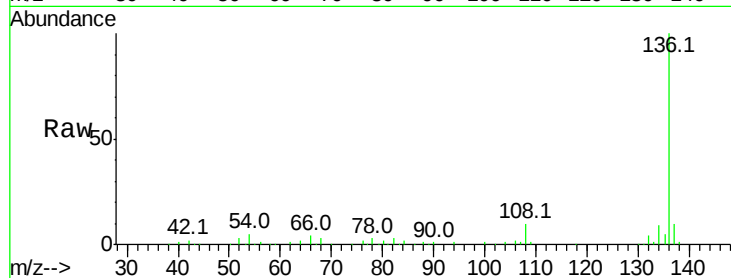




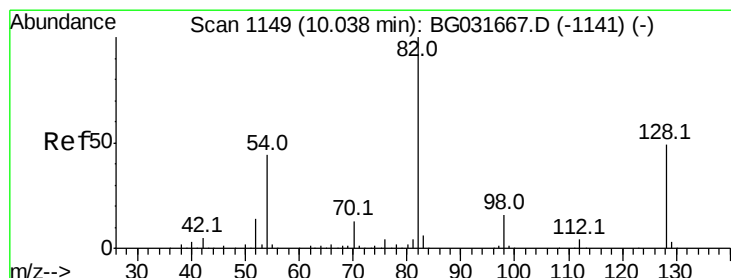
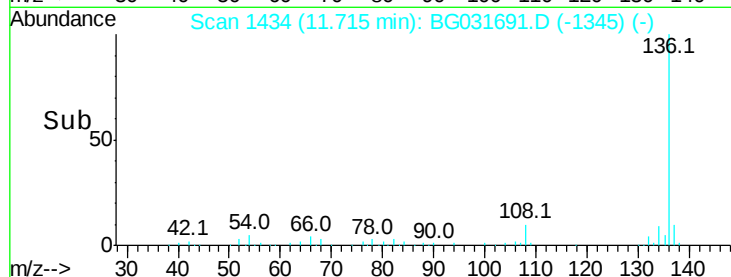
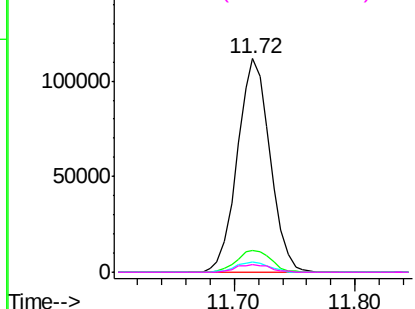
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(85-87)

Tot Ion:136	Resp:	208799
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	4.9	10.3 15.5#
68	3.4	4.5 6.7#

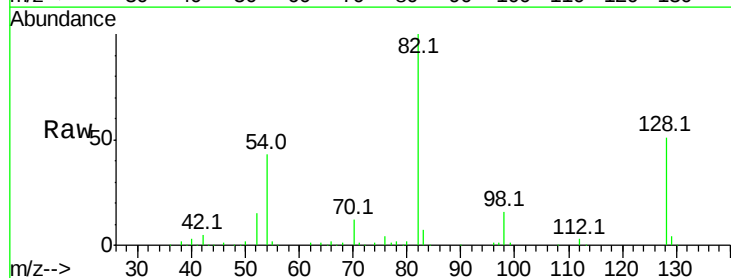


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

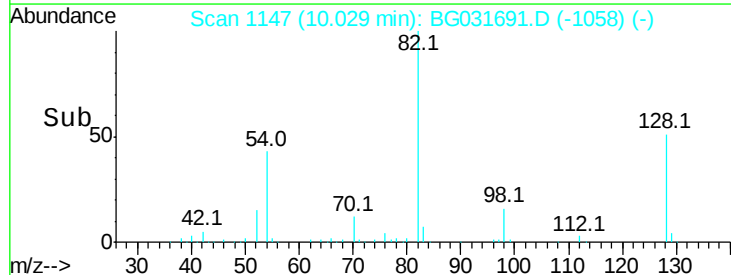
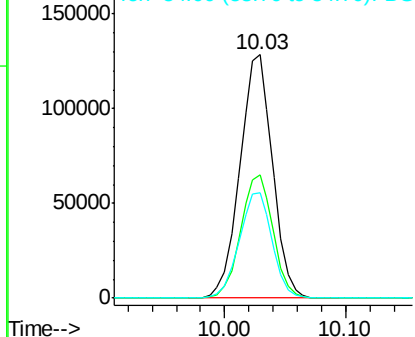


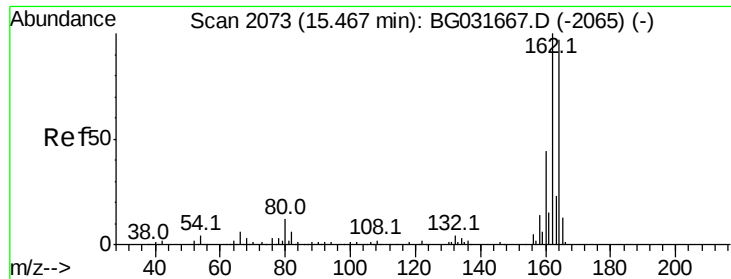
#23
Nitrobenzene-d5
Concen: 87.119 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion: 82	Resp:	240894
Ion Ratio	Lower	Upper
82	100	
128	50.7	29.7 44.5#
54	43.1	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: BG031691.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(85-87)

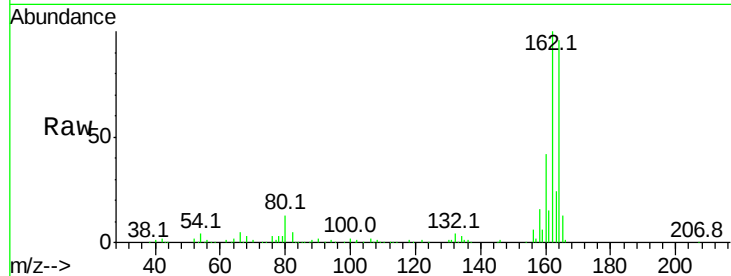
Tot Ion:164 Resp: 148132

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

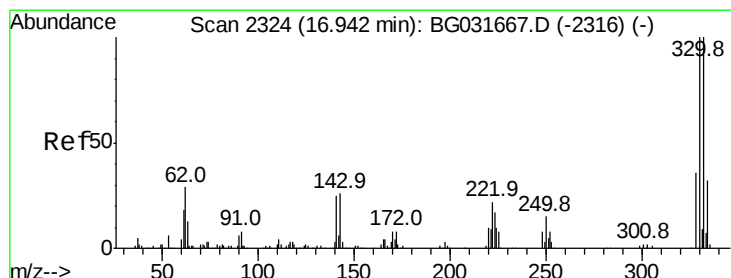
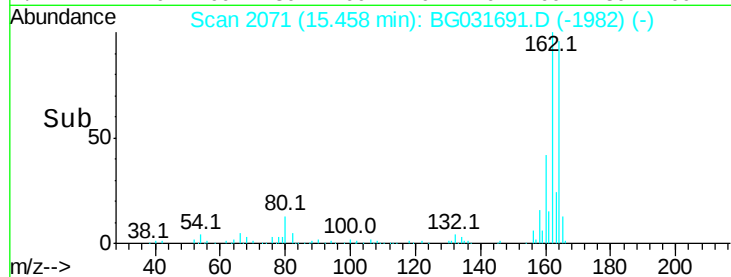
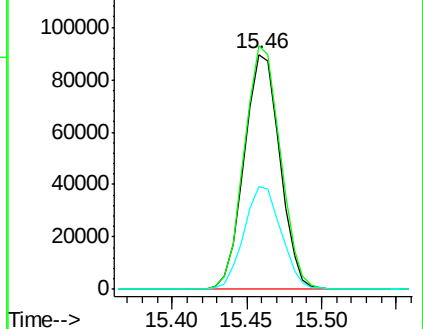
160 44.0 35.4 53.0



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: 140.674 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

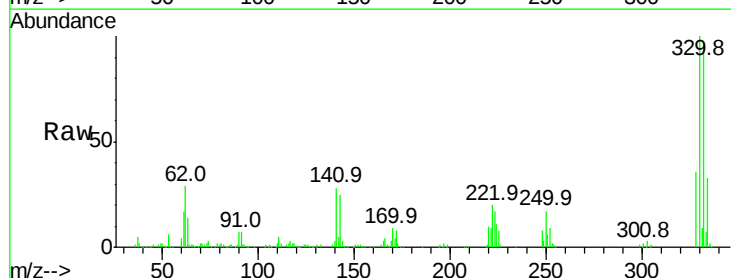
Tgt Ion:330 Resp: 317964

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

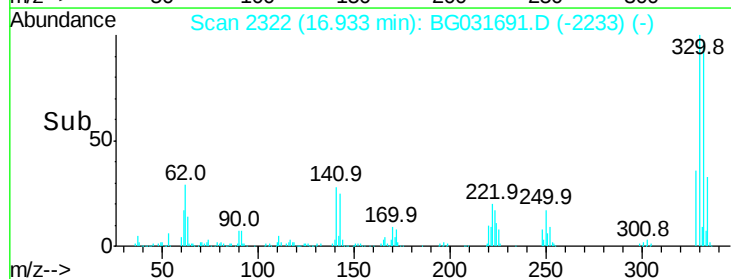
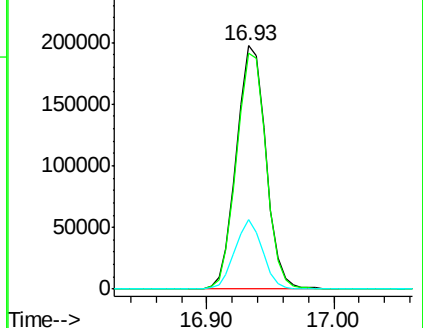
141 26.5 25.2 37.8



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

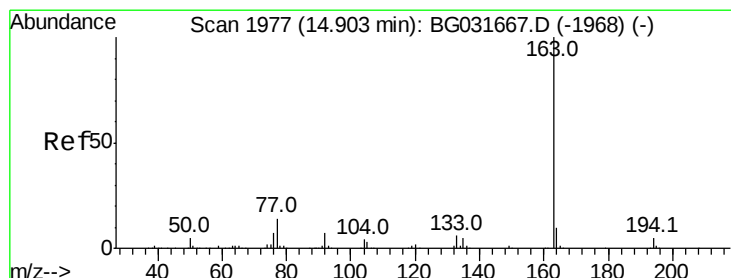
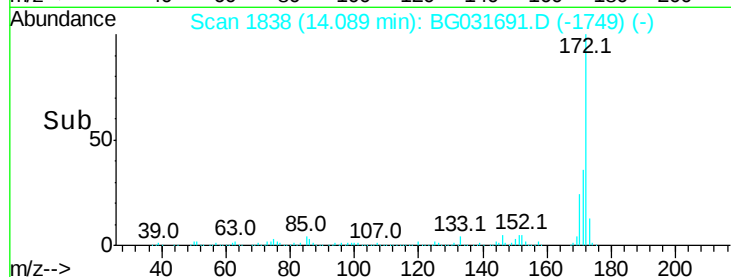
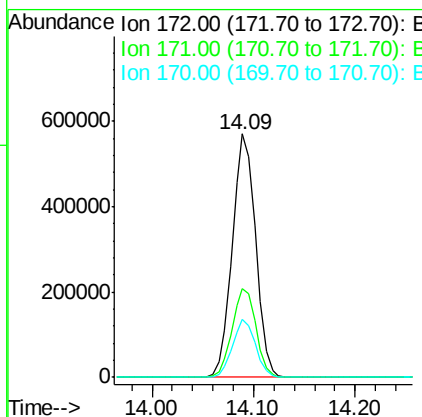
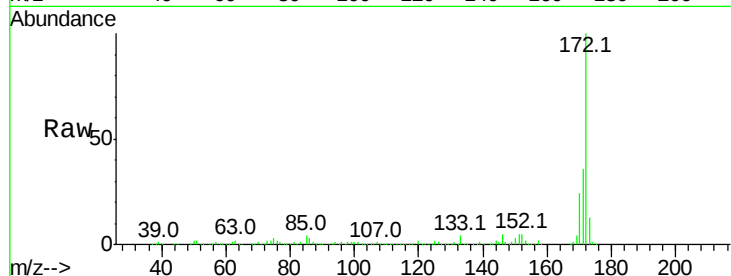




#44
2-Fluorobiphenyl
Concen: 77.049 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

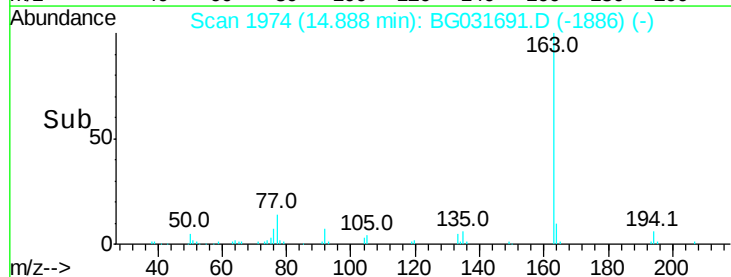
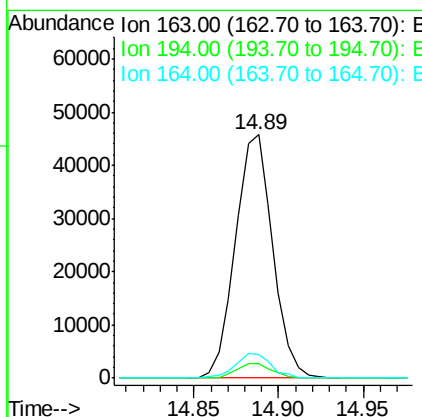
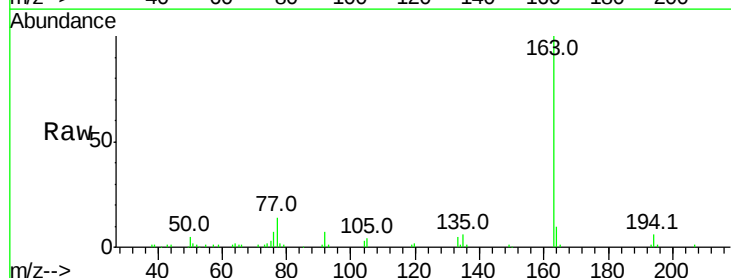
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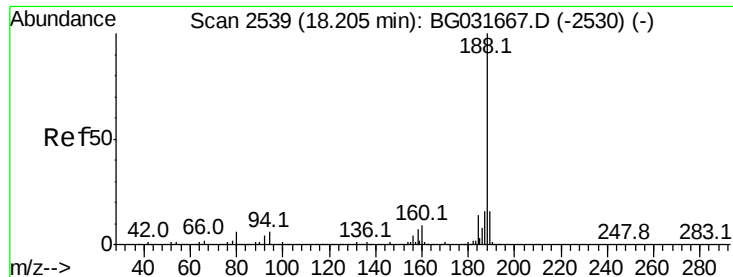
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.9	19.5	29.3



#49
Dimethylphthalate
Concen: 5.396 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	9.8	8.2	12.4

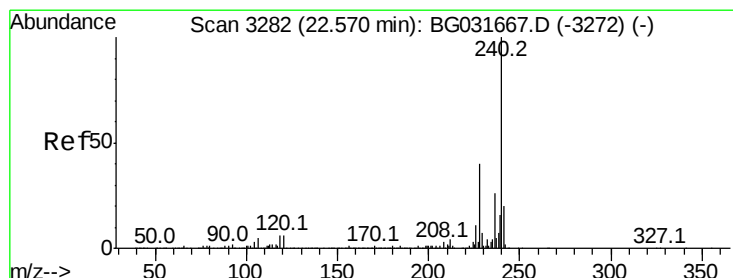
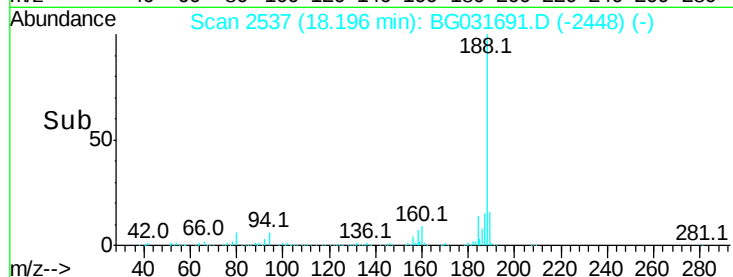
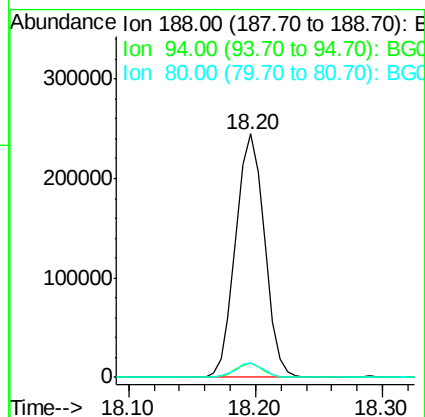
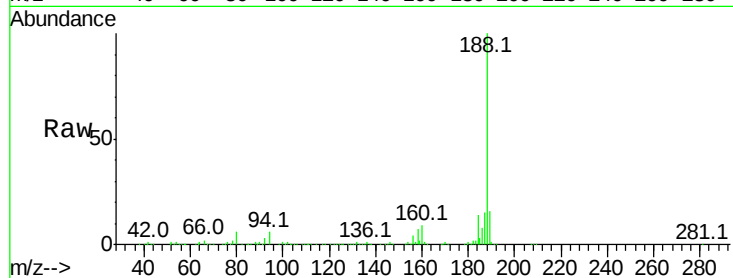




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

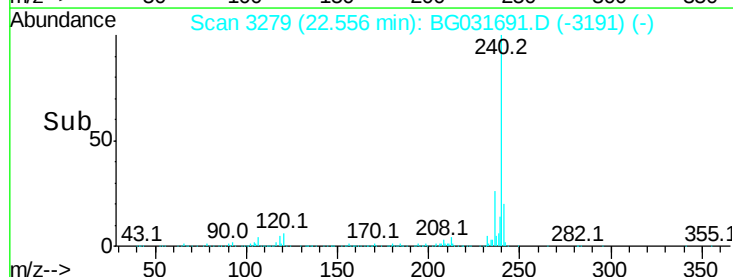
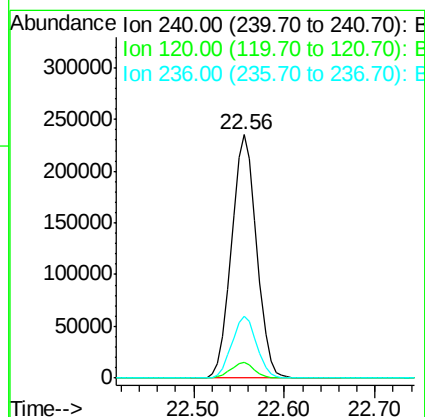
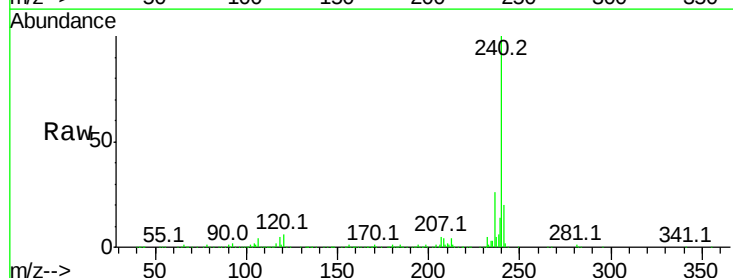
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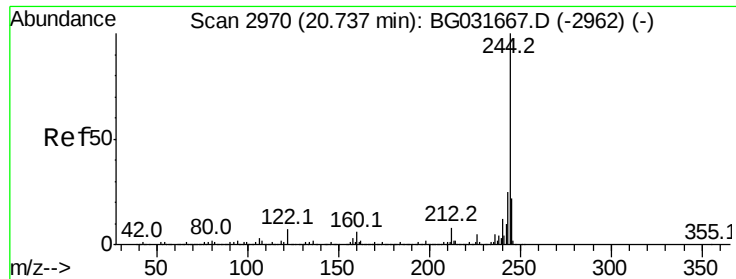
Tot Ion:188 Resp: 385779
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 5.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion:240 Resp: 451208
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 80.119 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(85-87)

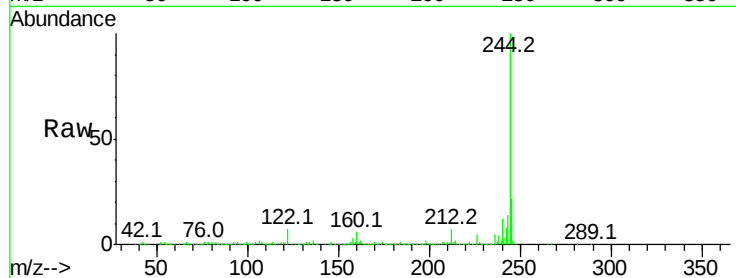
Tot Ion:244 Resp: 1582316

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

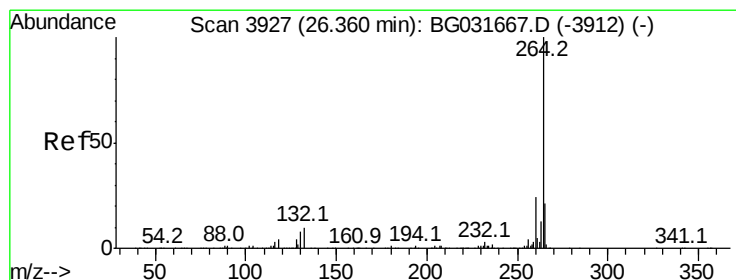
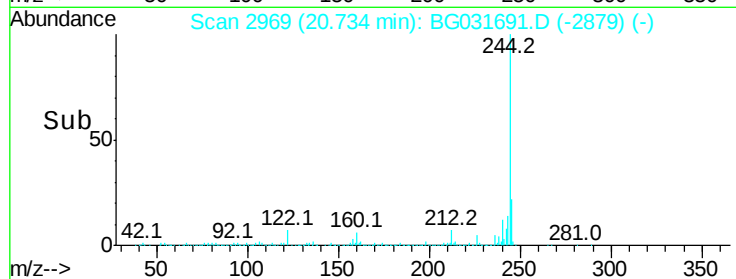
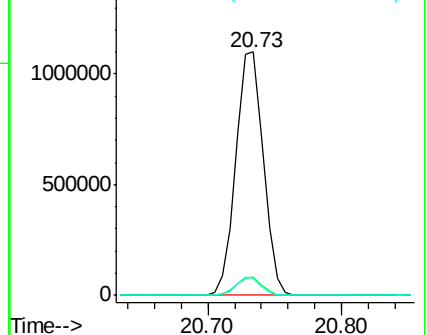
122 7.0 7.0 10.4



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: 26.35 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

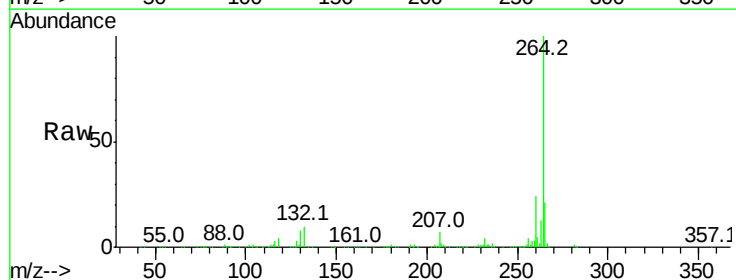
Tgt Ion:264 Resp: 474101

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.5 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

