

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032261.D
 Acq On : 24 Jan 2018 15:17
 Operator : SJ/JU
 Sample : J1241-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(85-87)

Quant Time: Jan 24 16:20:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

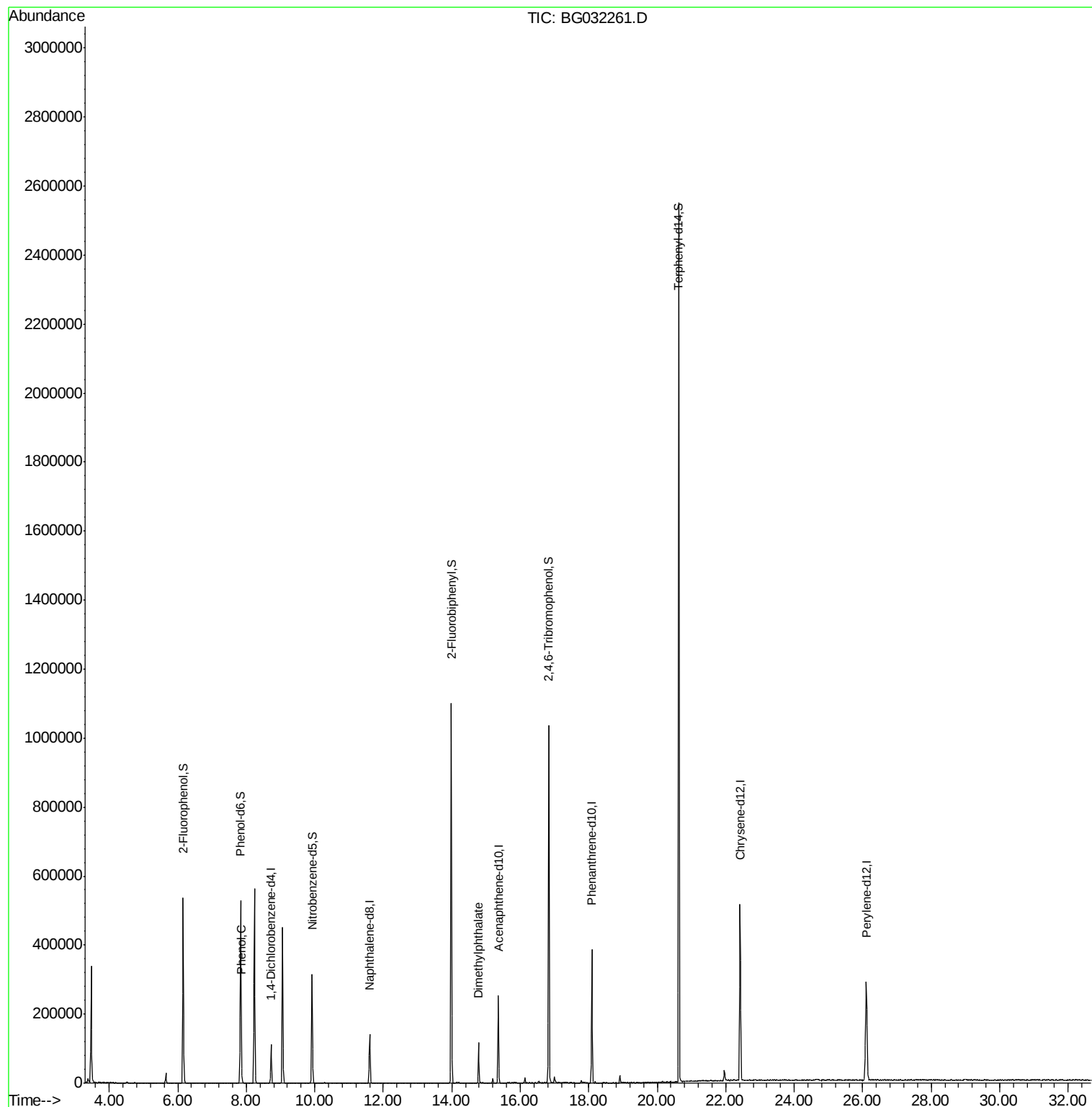
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36966	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	137065	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	96692	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	273925	20.00	ng	0.00
75) Chrysene-d12	22.42	240	375366	20.00	ng	0.00
86) Perylene-d12	26.10	264	386624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	263469	130.35	ng	0.00
7) Phenol-d6	7.84	99	327008	128.46	ng	0.00
23) Nitrobenzene-d5	9.92	82	197888	97.68	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	238067	148.79	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	637875	81.80	ng	0.00
78) Terphenyl-d14	20.63	244	1358992	79.94	ng	0.00
Target Compounds						
10) Phenol	7.86	94	8151	3.251	ng	Qvalue # 62
49) Dimethylphthalate	14.78	163	85370	10.089	ng	97

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

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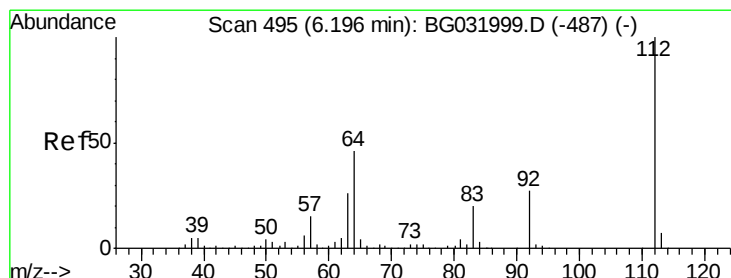
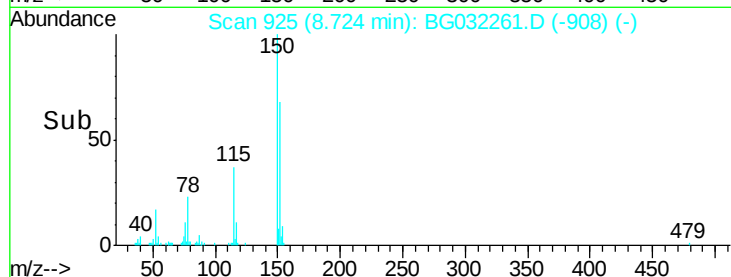
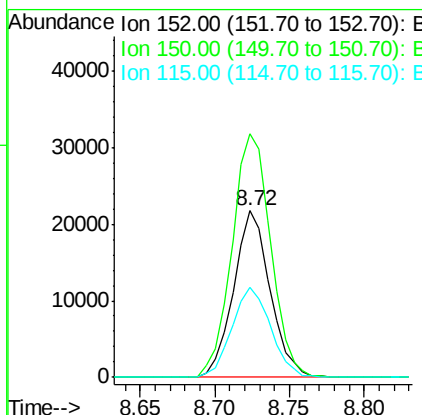
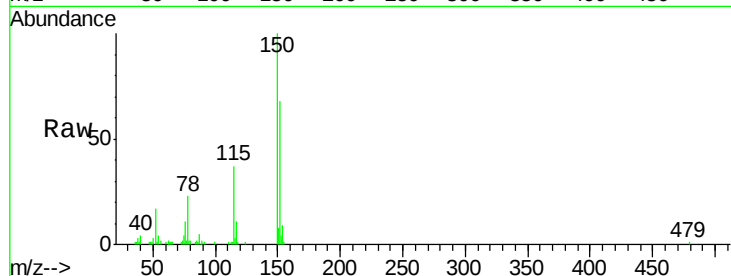


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(85-87)

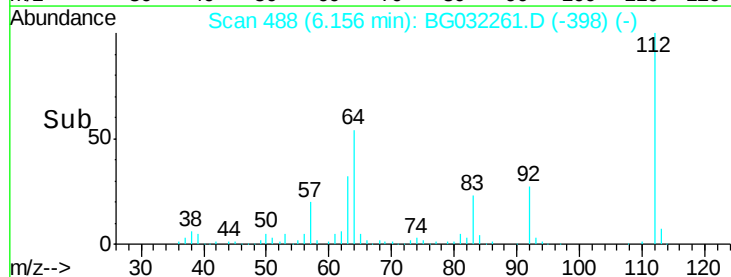
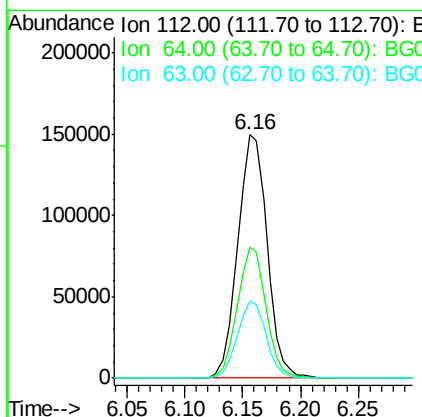
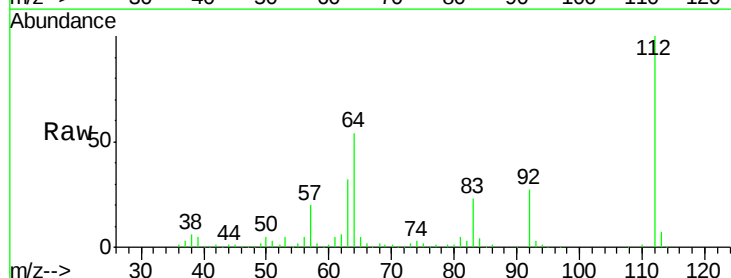
Tgt Ion:152 Resp: 36966
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 54.1 53.0 79.4

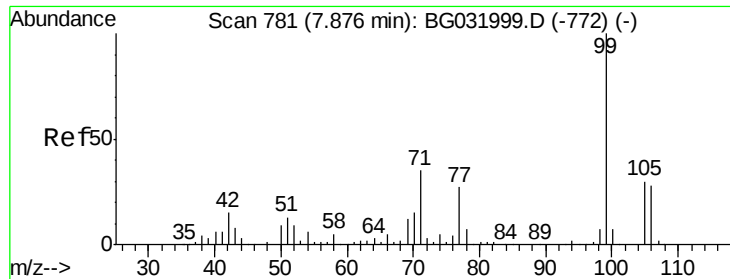


#5

2-Fluorophenol
Concen: 130.354 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

Tgt Ion:112 Resp: 263469
Ion Ratio Lower Upper
112 100
64 53.9 56.3 84.5#
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 128.463 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(85-87)

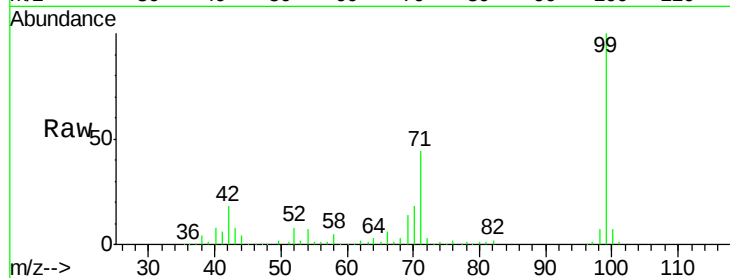
Tgt Ion: 99 Resp: 327008

Ion Ratio Lower Upper

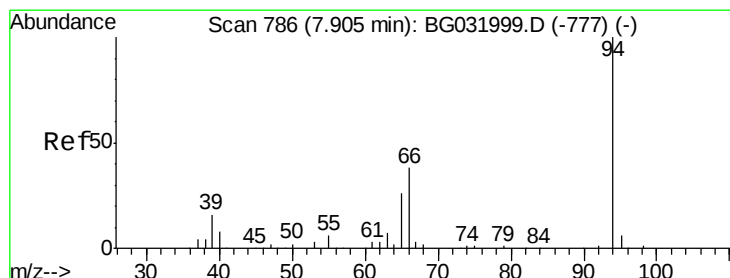
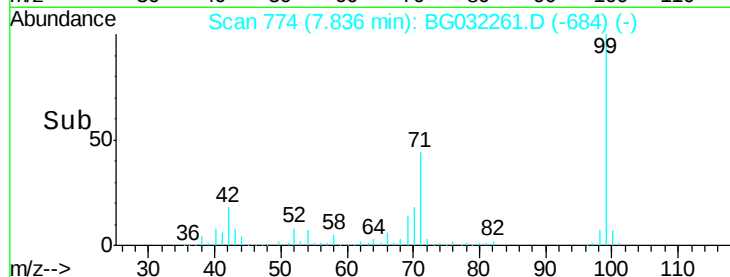
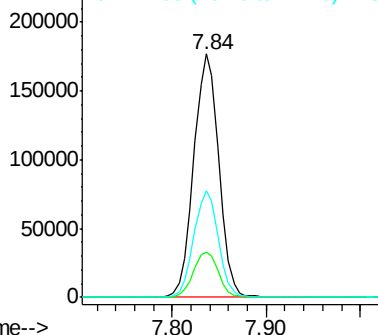
99 100

42 18.4 14.1 21.1

71 44.0 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: 3.251 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

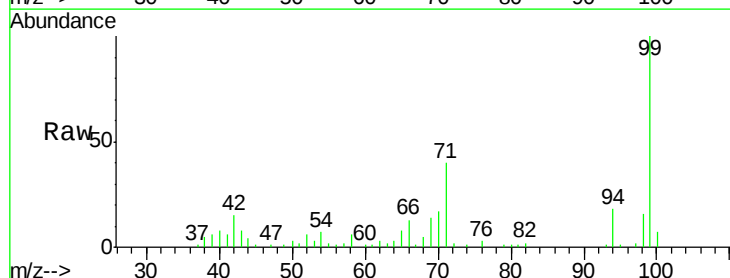
Tgt Ion: 94 Resp: 8151

Ion Ratio Lower Upper

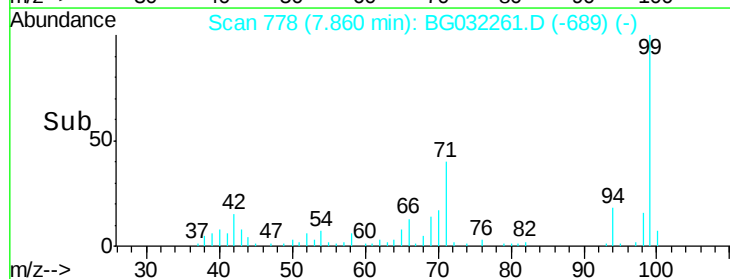
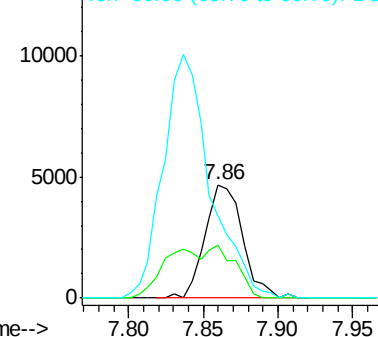
94 100

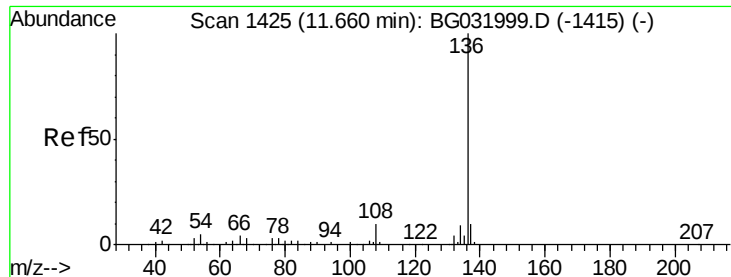
65 46.4 11.9 51.9

66 72.4 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

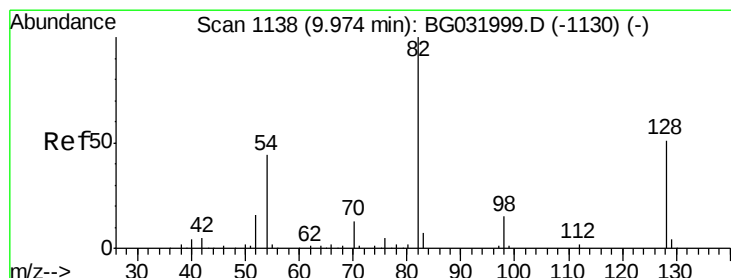
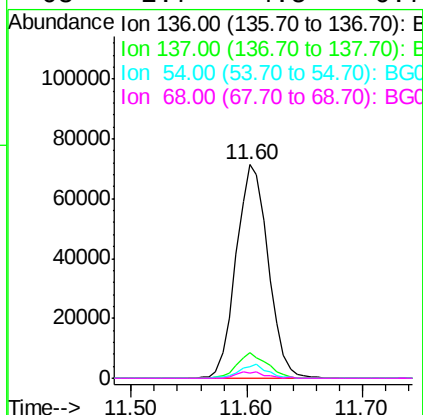
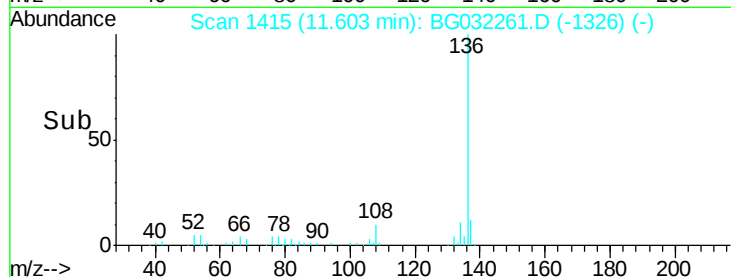
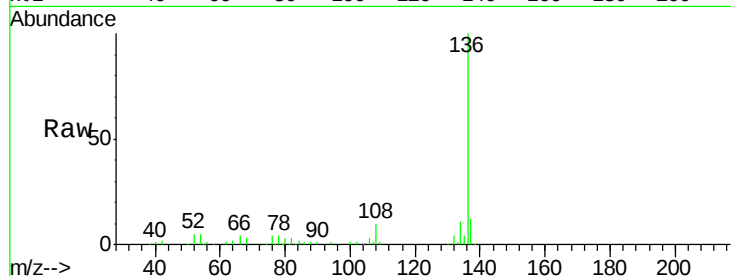




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

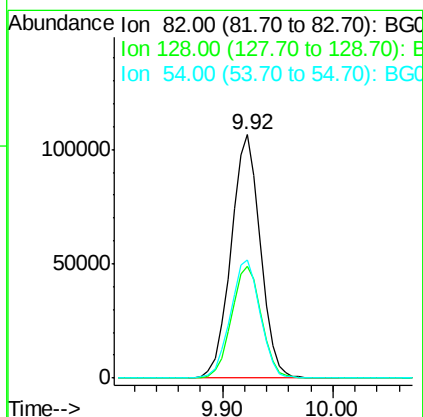
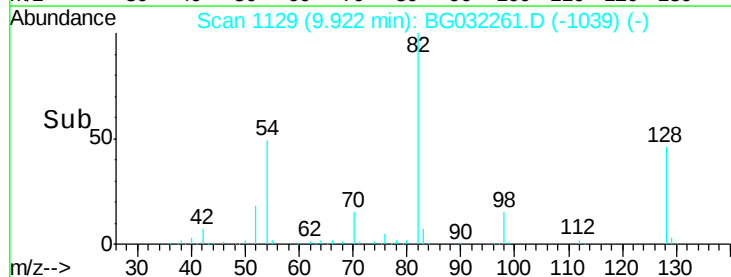
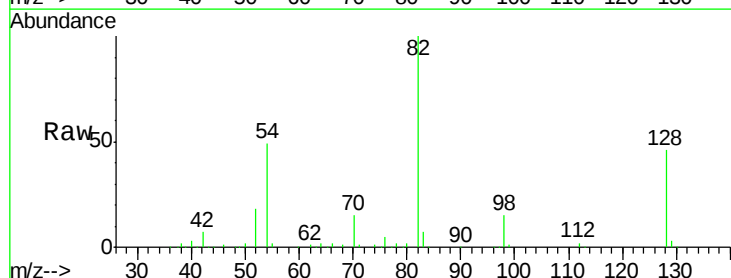
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(85-87)

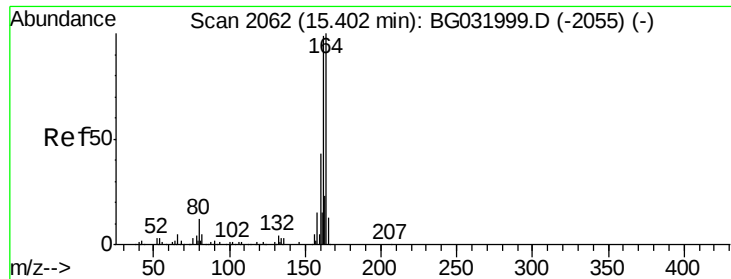
Tgt Ion: 136 Resp: 137065
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 5.3 10.3 15.5#
68 2.7 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.676 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

Tgt Ion: 82 Resp: 197888
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 48.7 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(85-87)

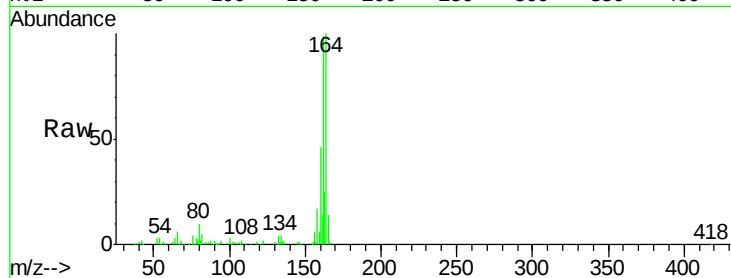
Tgt Ion:164 Resp: 96692

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

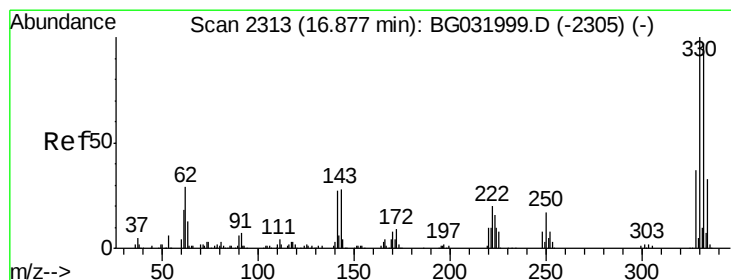
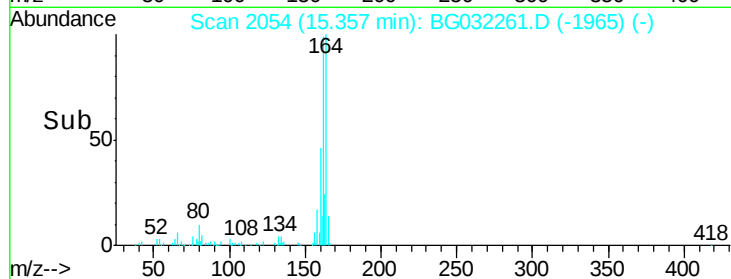
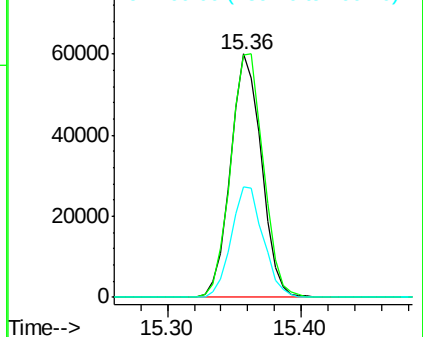
160 45.6 35.4 53.0



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: 148.789 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

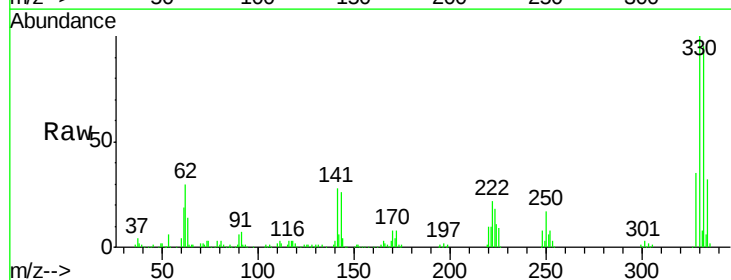
Tgt Ion:330 Resp: 238067

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

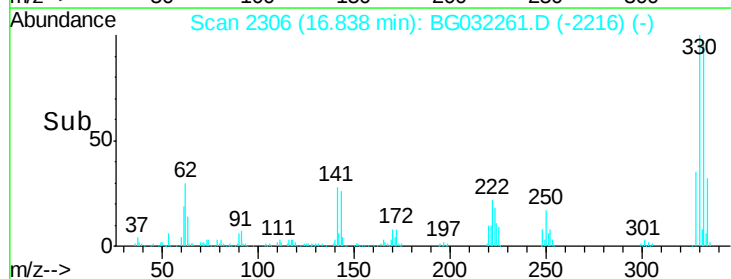
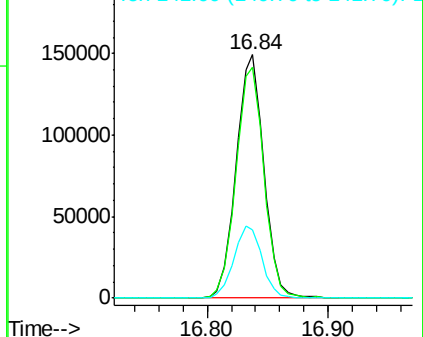
141 30.3 25.2 37.8



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

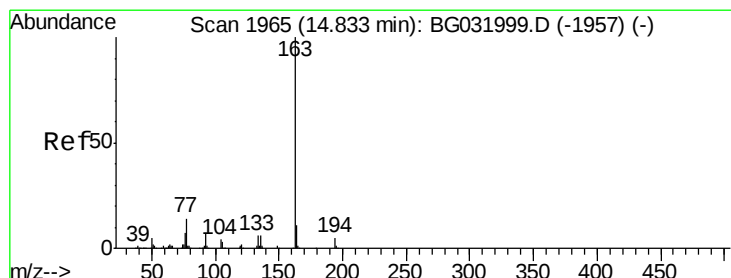
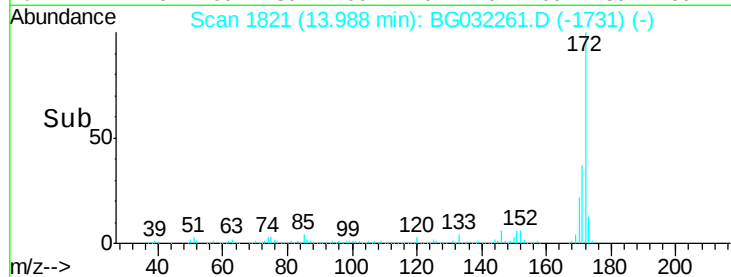
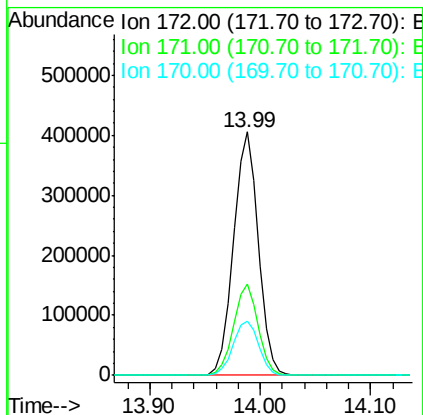
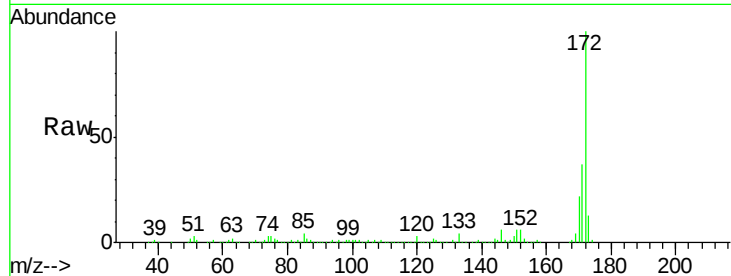




#44
2-Fluorobiphenyl
Concen: 81.799 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

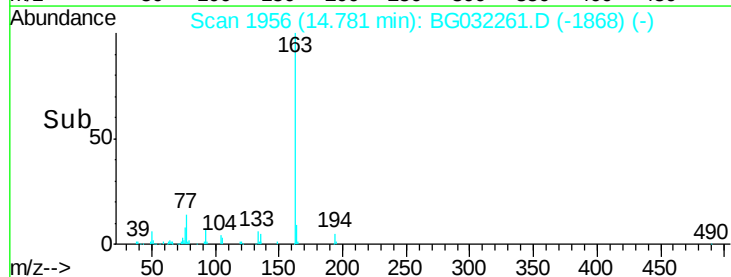
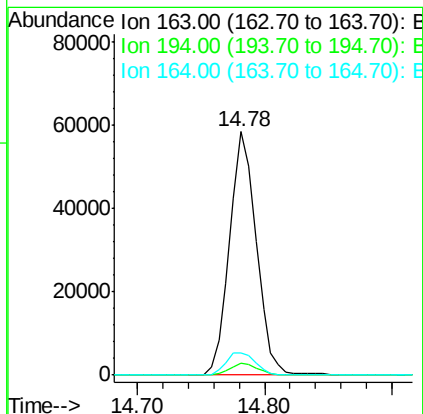
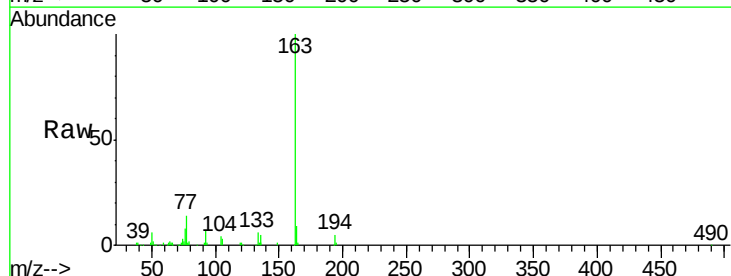
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(85-87)

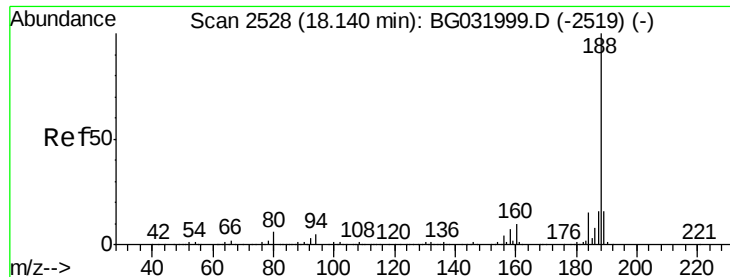
Tgt Ion:172 Resp: 637875
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 22.5 19.5 29.3



#49
Dimethylphthalate
Concen: 10.089 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

Tgt Ion:163 Resp: 85370
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 8.9 8.2 12.4

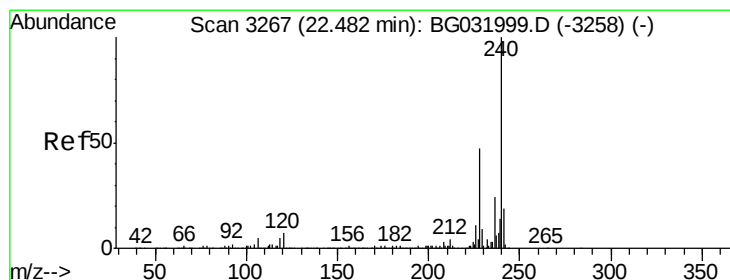
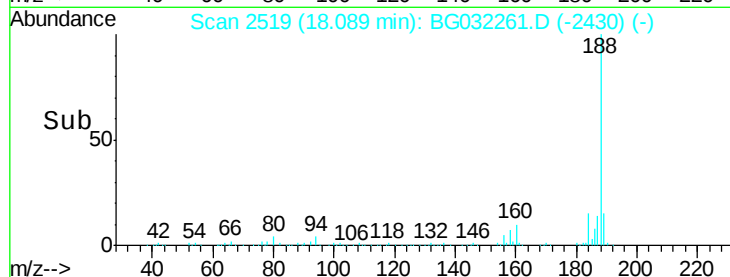
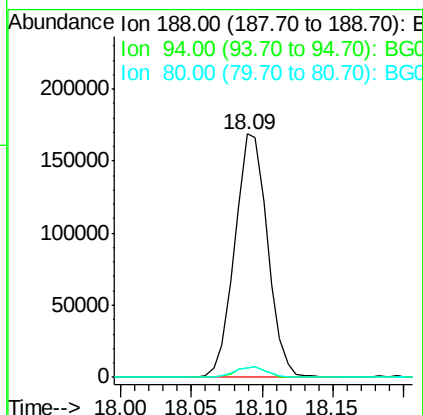
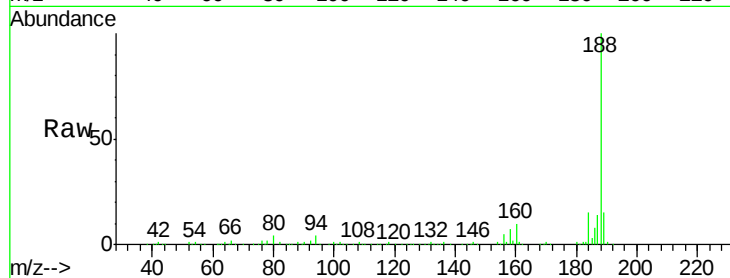




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

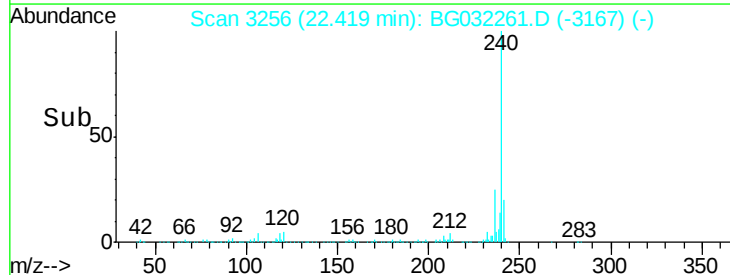
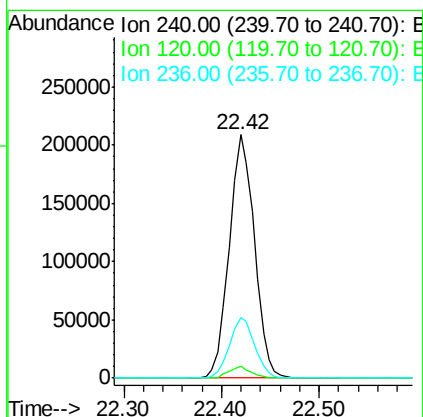
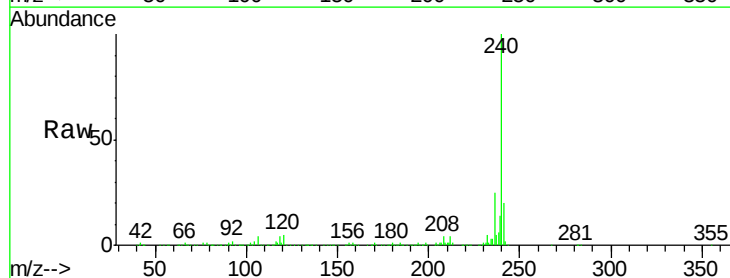
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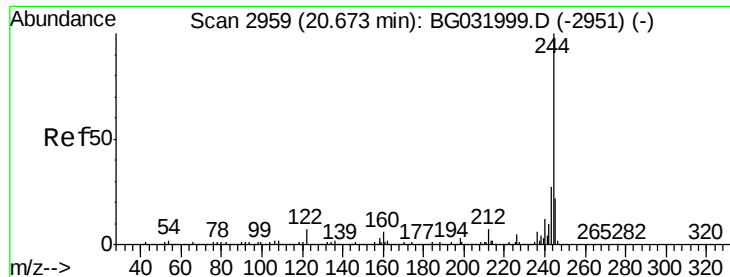
Tgt Ion:188 Resp: 273925
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 3.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032261.D
Acq: 24 Jan 2018 15:17

Tgt Ion:240 Resp: 375366
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 79.941 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(85-87)

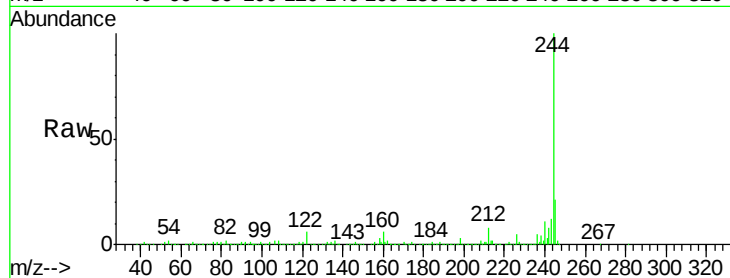
Tgt Ion:244 Resp: 1358992

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

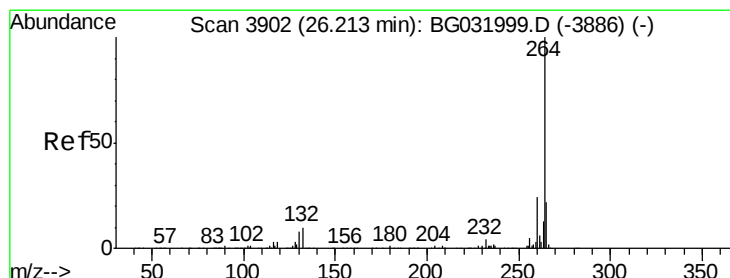
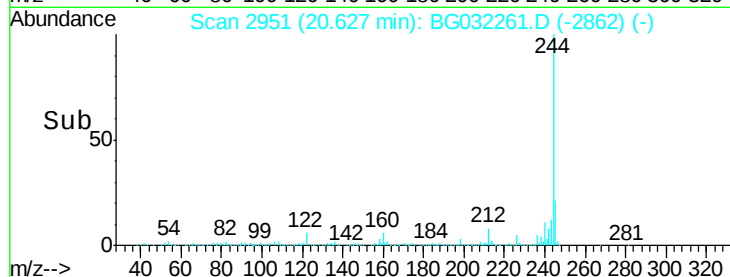
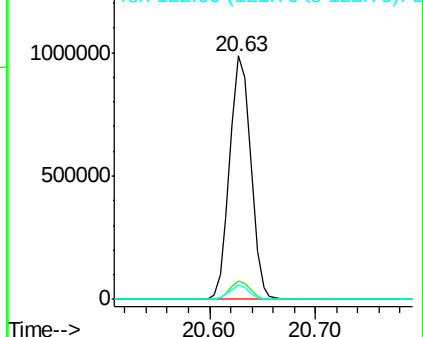
122 6.1 7.0 10.4#



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: 26.10 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BG032261.D

Acq: 24 Jan 2018 15:17

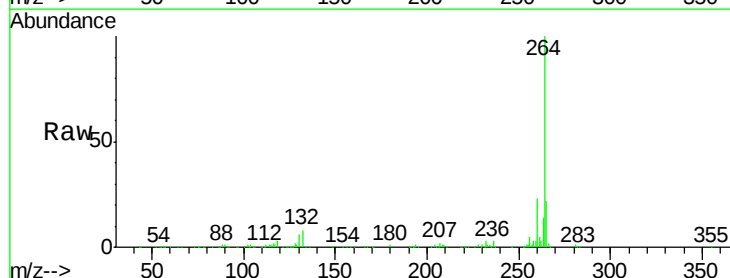
Tgt Ion:264 Resp: 386624

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.5 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

