

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031917.D
 Acq On : 4 Jan 2018 16:13
 Operator : SJ/JU
 Sample : J1025-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-1(40-42)

Quant Time: Jan 05 03:50:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

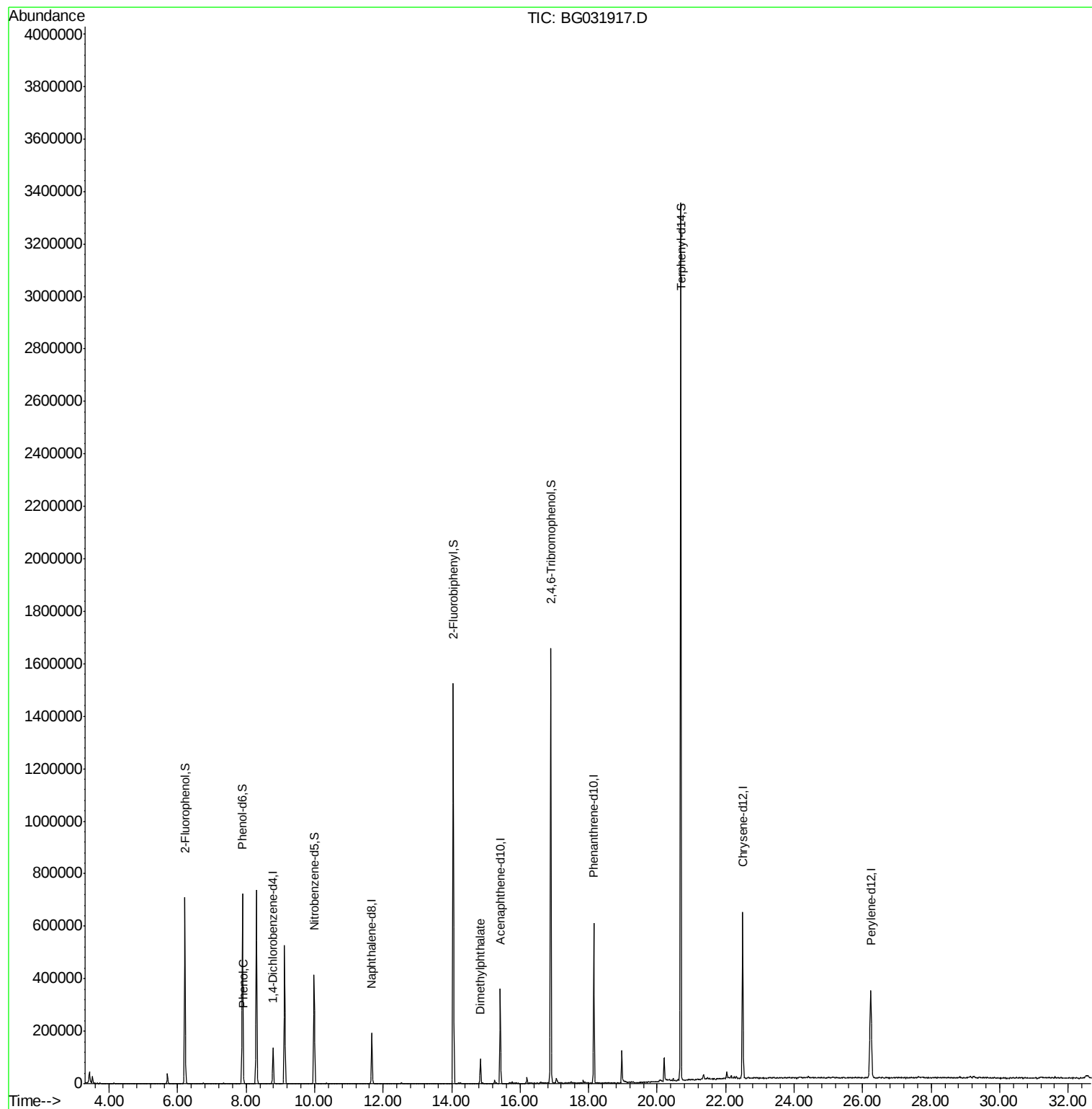
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	46375	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	191922	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	142331	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	401117	20.00	ng	0.00
75) Chrysene-d12	22.50	240	487684	20.00	ng	0.00
86) Perylene-d12	26.24	264	473372	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	384707	151.09	ng	0.00
7) Phenol-d6	7.89	99	509598	154.16	ng	0.00
23) Nitrobenzene-d5	9.98	82	274256	107.91	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	398313	183.40	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	924215	81.50	ng	0.00
78) Terphenyl-d14	20.69	244	1801697	84.40	ng	0.00
Target Compounds						
10) Phenol	7.92	94	16395	4.912	ng	93
49) Dimethylphthalate	14.84	163	78202	6.237	ng	# 98

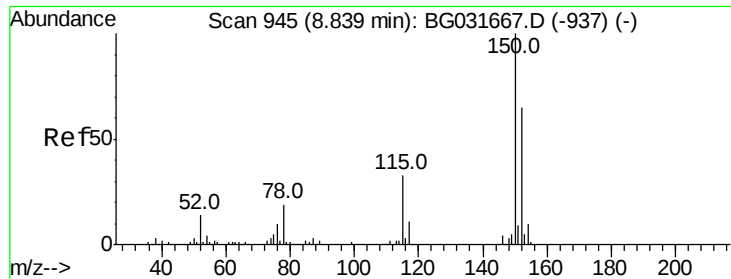
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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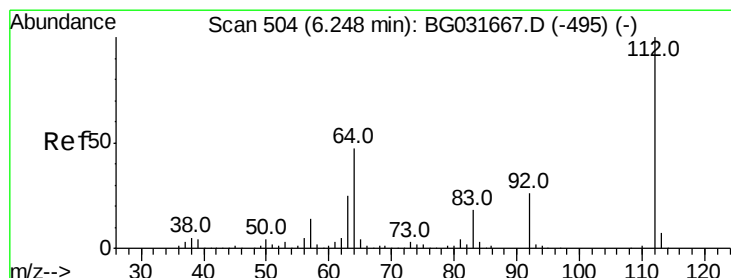
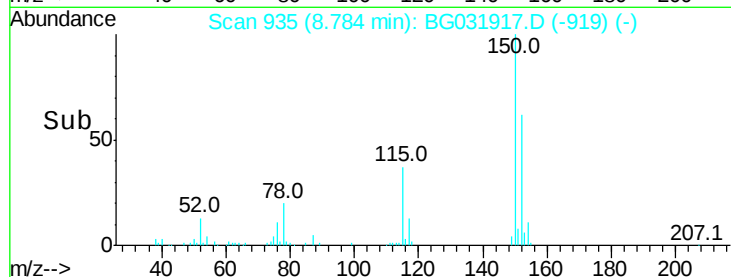
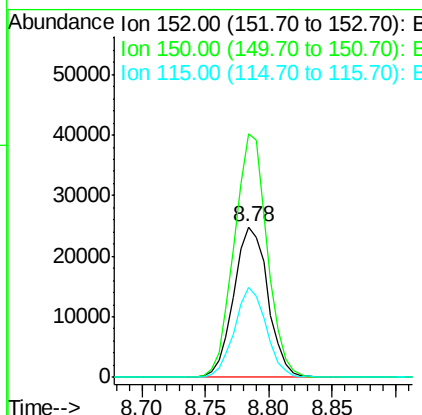
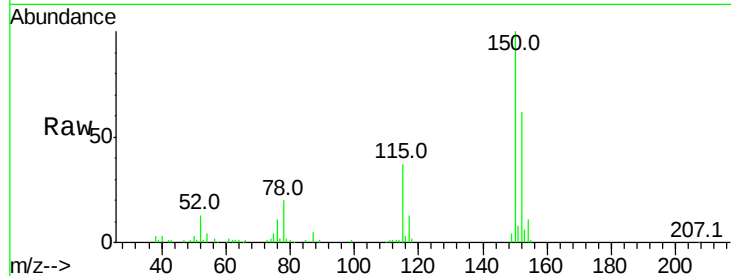


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(40-42)

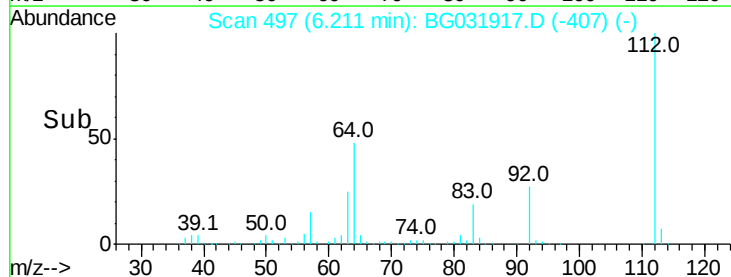
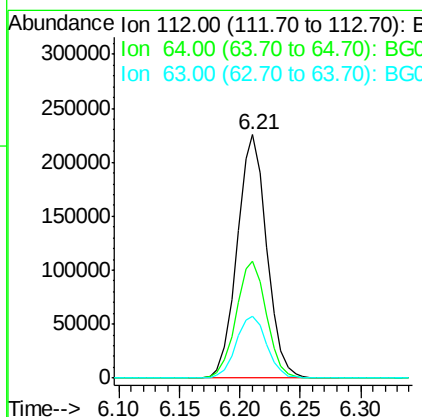
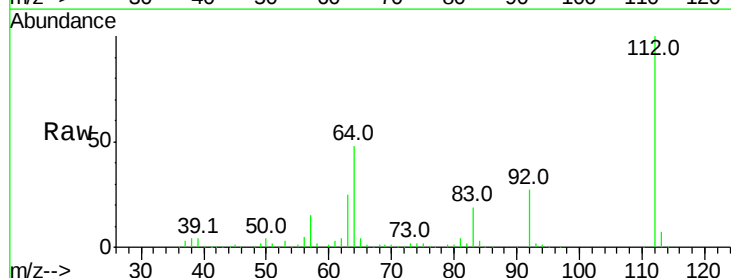
Tot Ion:152 Resp: 46375
Ion Ratio Lower Upper
152 100
150 161.9 126.6 189.8
115 59.6 53.0 79.4



#5

2-Fluorophenol
Concen: 151.094 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

Tgt Ion:112 Resp: 384707
Ion Ratio Lower Upper
112 100
64 47.9 56.3 84.5#
63 25.4 30.1 45.1#





#7

Phenol-d6

Concen: 154.156 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(40-42)

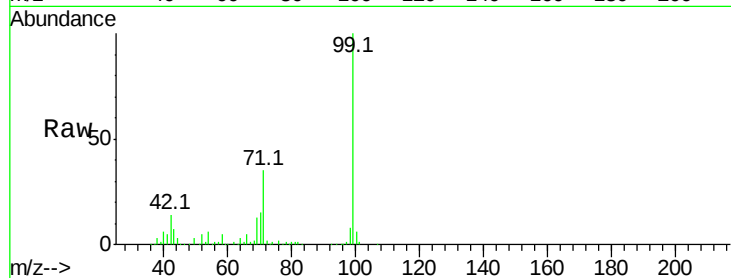
Tot Ion: 99 Resp: 509598

Ion Ratio Lower Upper

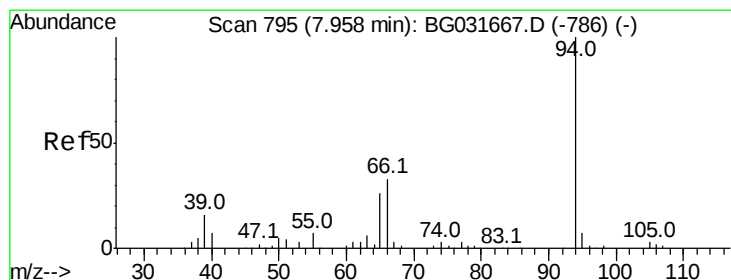
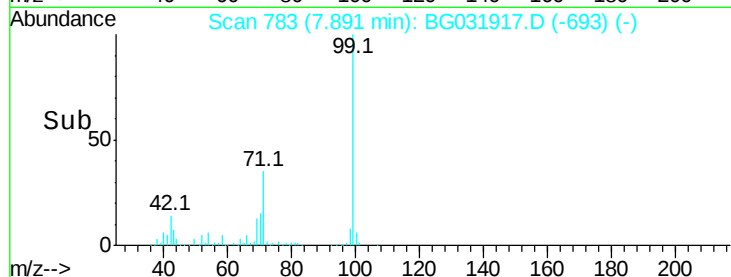
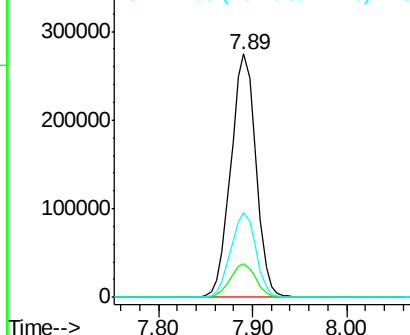
99 100

42 13.9 14.1 21.1#

71 34.9 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: 4.912 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

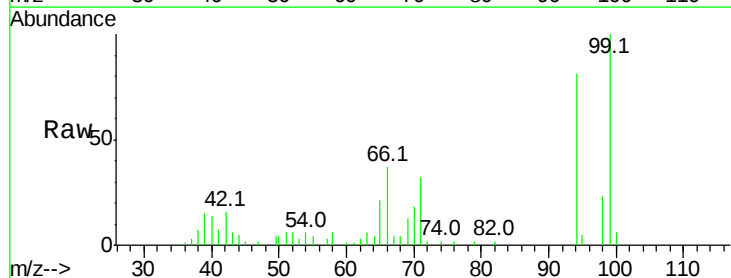
Tgt Ion: 94 Resp: 16395

Ion Ratio Lower Upper

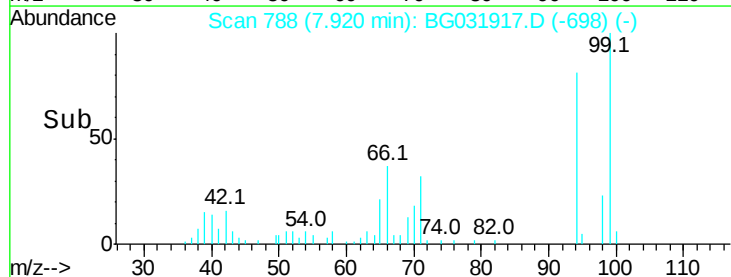
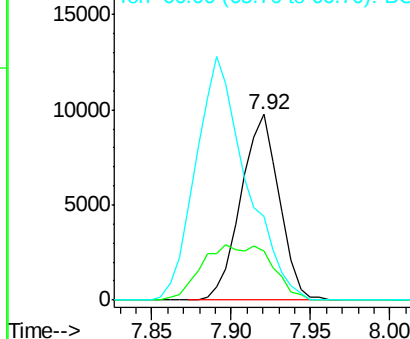
94 100

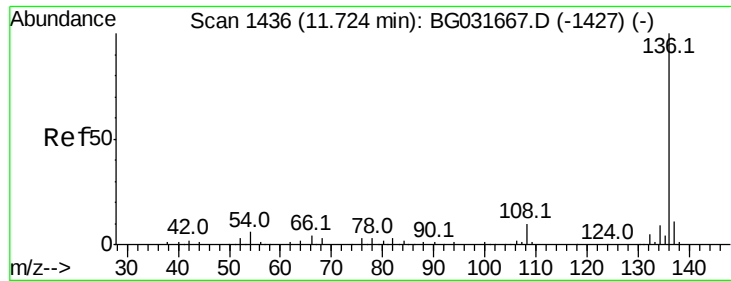
65 26.2 11.9 51.9

66 45.4 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

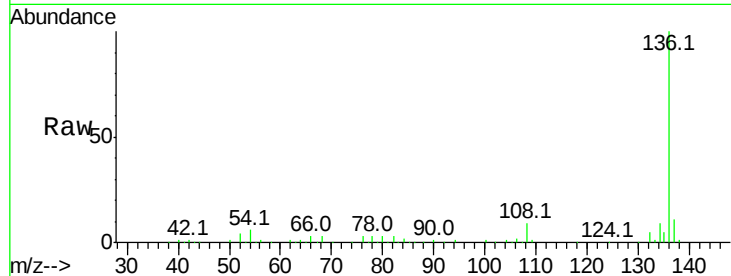




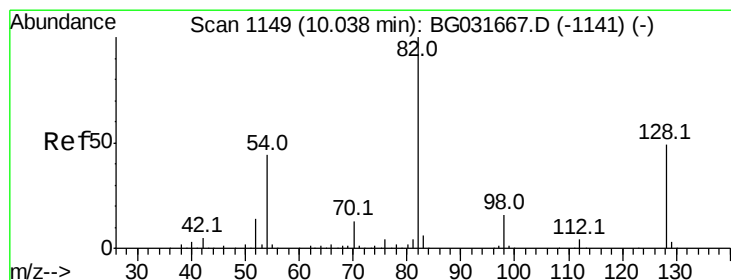
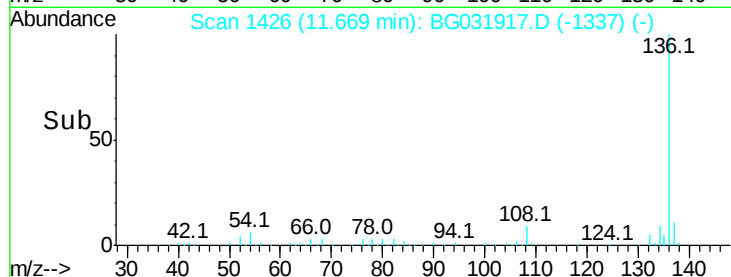
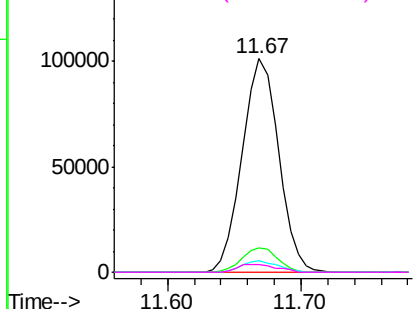
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(40-42)

Tot Ion:136 Resp: 191922
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 5.6 10.3 15.5#
68 3.4 4.5 6.7#

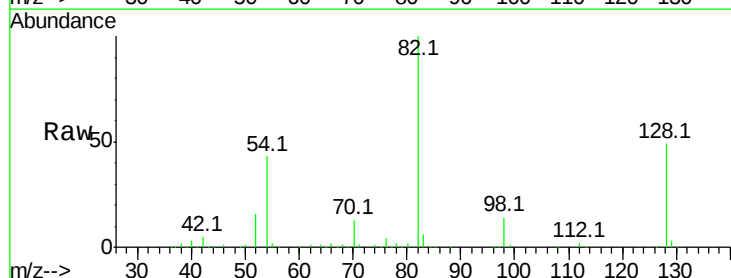


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

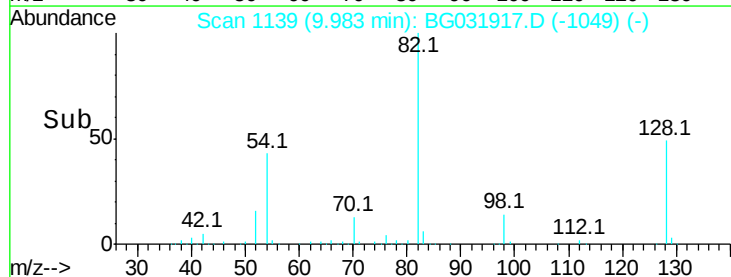
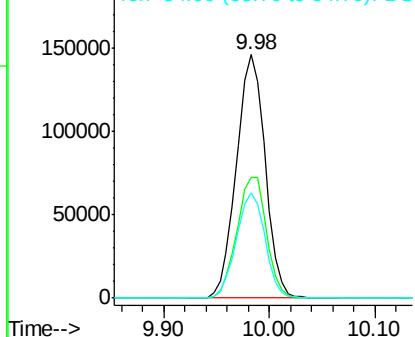


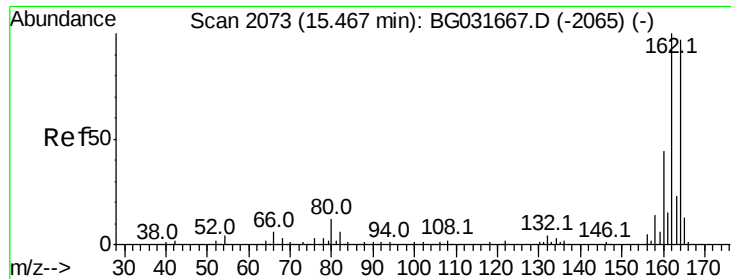
#23
Nitrobenzene-d5
Concen: 107.907 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

Tgt Ion: 82 Resp: 274256
Ion Ratio Lower Upper
82 100
128 49.4 29.7 44.5#
54 43.0 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

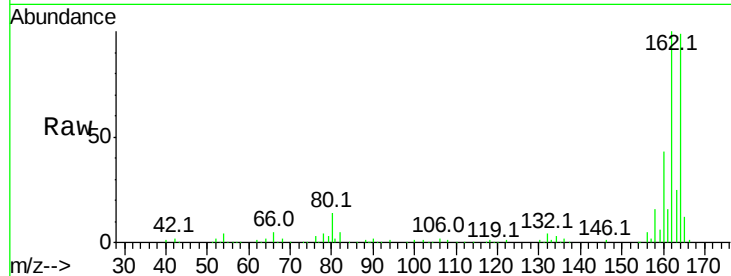




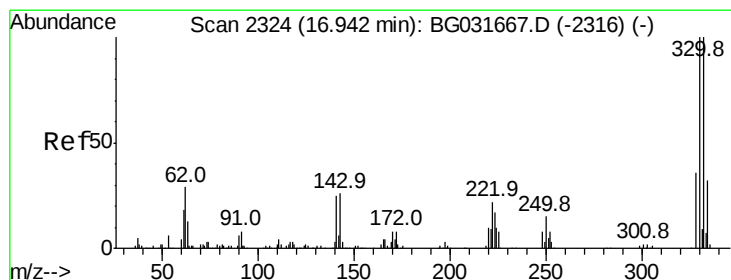
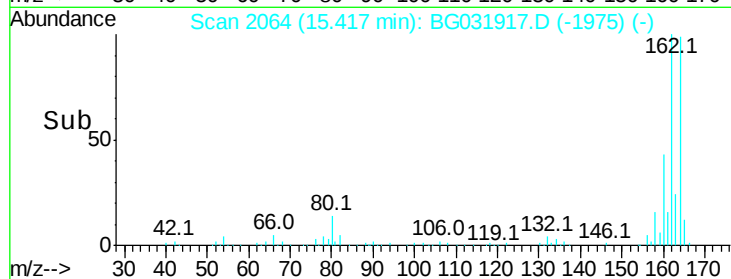
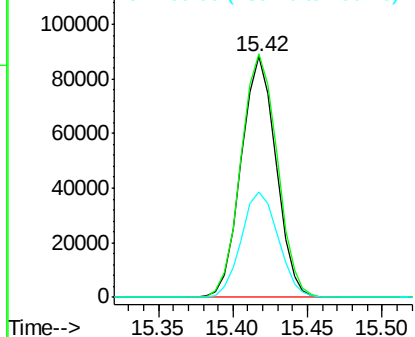
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031917.D
 Acq: 4 Jan 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-1(40-42)

Tot Ion:164 Resp: 142331
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 43.9 35.4 53.0

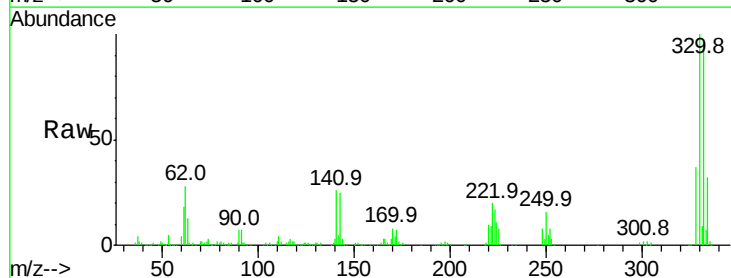


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

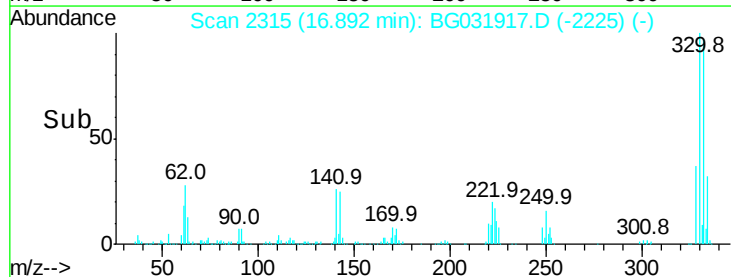
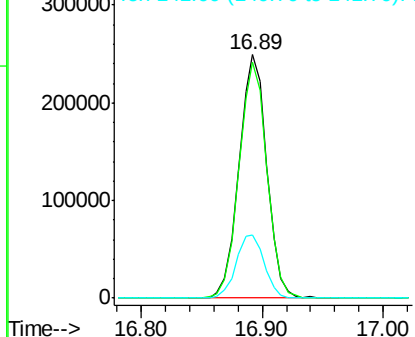


#41
 2,4,6-Tribromophenol
 Concen: 183.404 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031917.D
 Acq: 4 Jan 2018 16:13

Tgt Ion:330 Resp: 398313
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 26.7 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

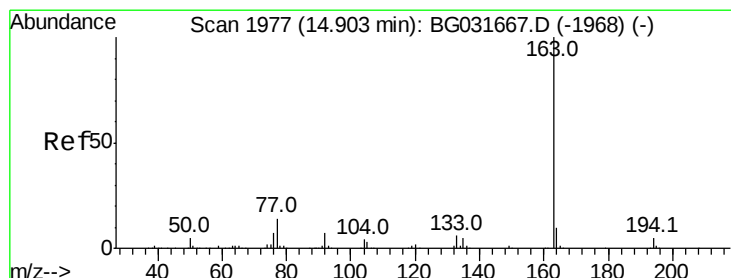
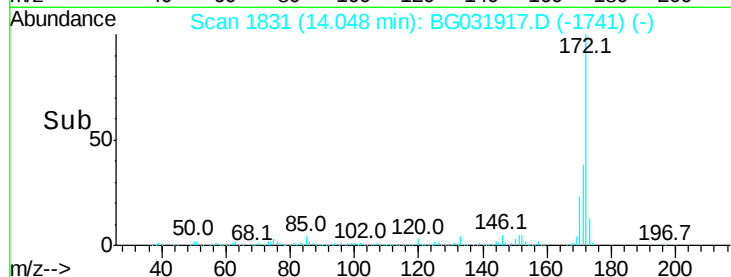
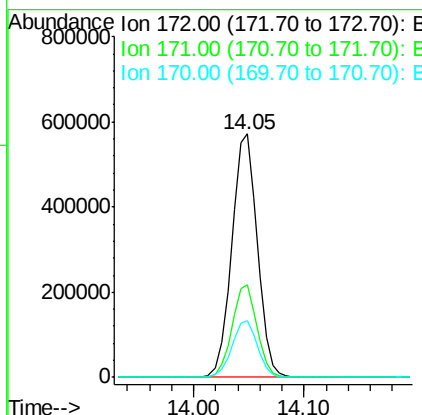
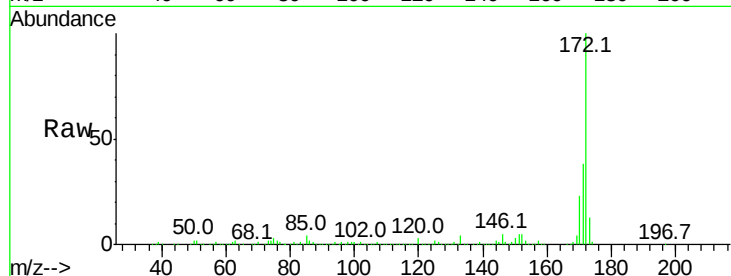




#44
2-Fluorobiphenyl
Concen: 81.501 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

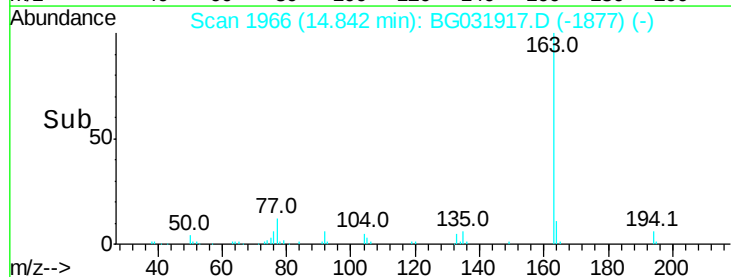
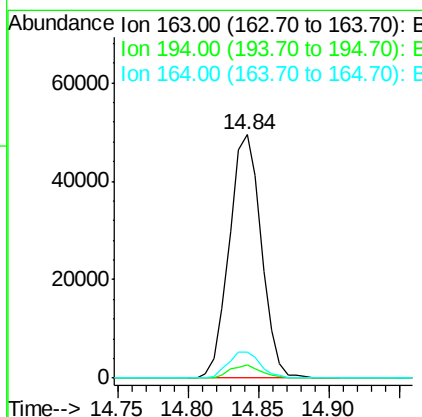
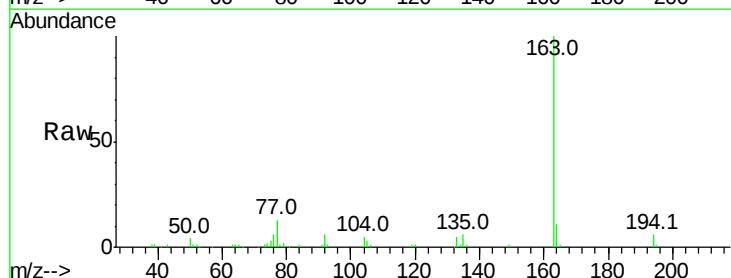
Instrument :
BNA_G
ClientSampleId :
EPE-105-1(40-42)

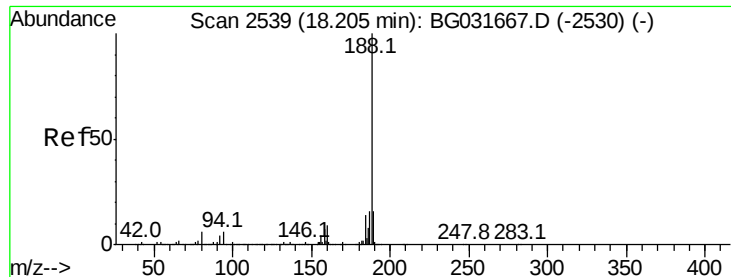
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.3	19.5	29.3



#49
Dimethylphthalate
Concen: 6.237 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031917.D
Acq: 4 Jan 2018 16:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	10.7	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-1(40-42)

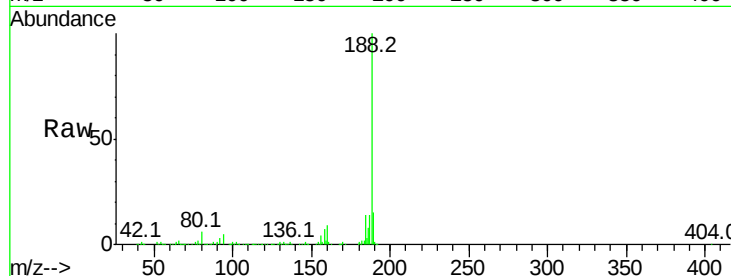
Tot Ion:188 Resp: 401117

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

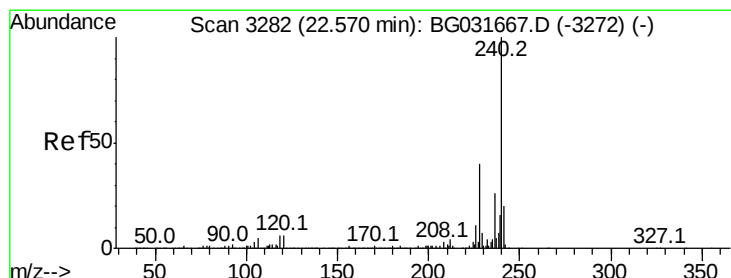
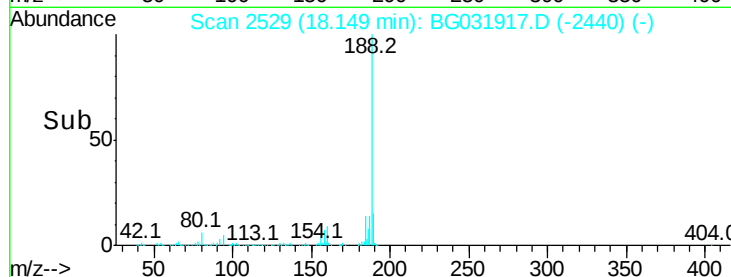
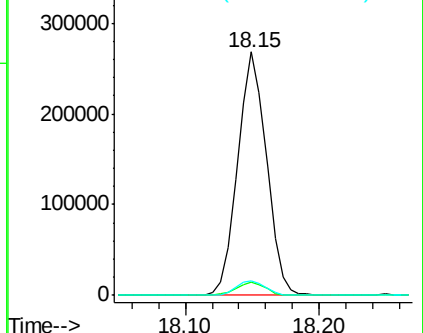
80 5.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

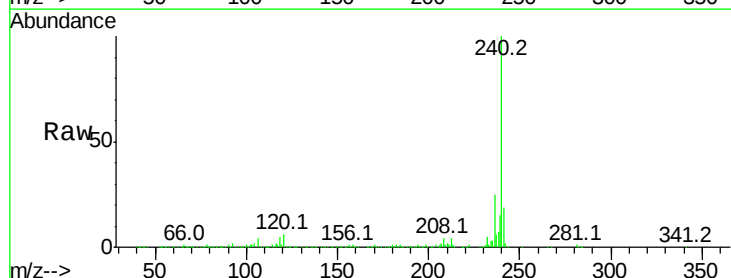
Tgt Ion:240 Resp: 487684

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

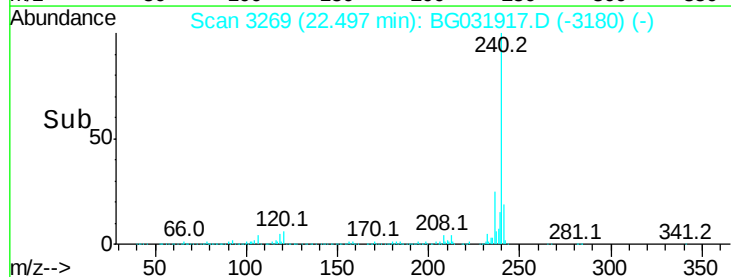
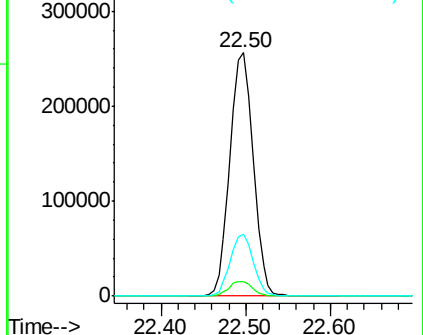
236 25.2 20.9 31.3

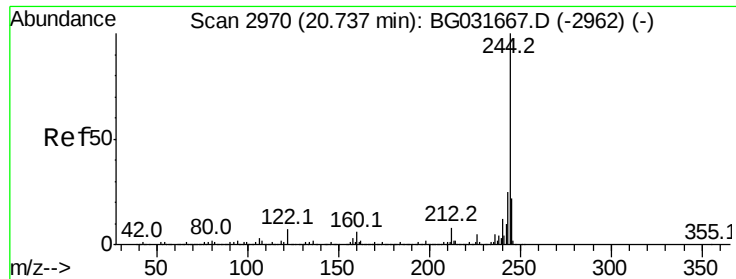


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.404 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

Instrument :

BNA_G

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EPE-105-1(40-42)

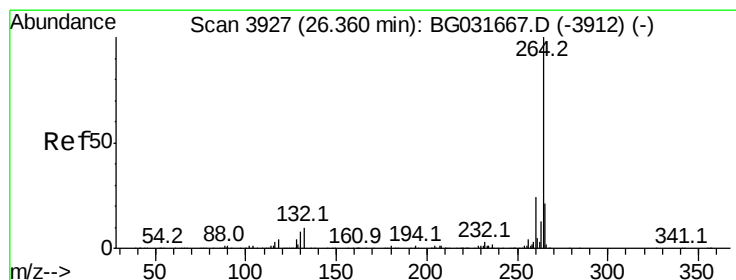
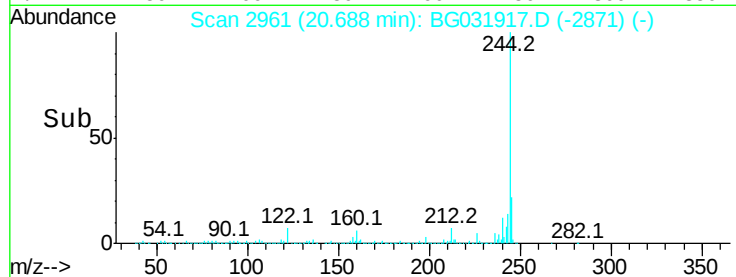
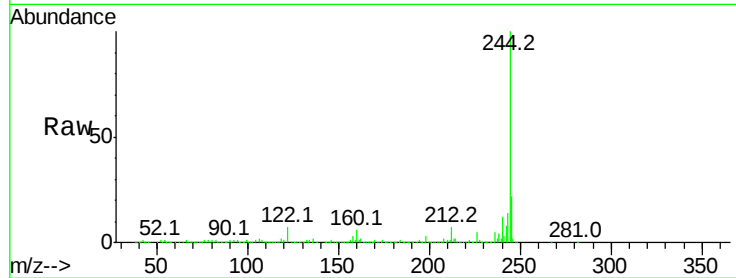
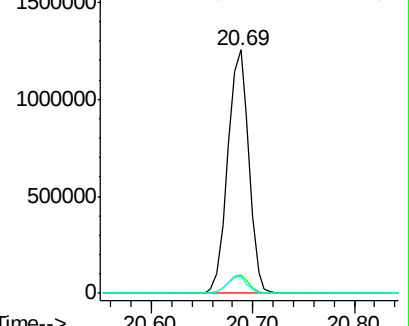
Tot Ion:244 Resp: 1801697

Ion	Ratio	Lower	Upper
244	100		
212	7.5	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: 26.24 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BG031917.D

Acq: 4 Jan 2018 16:13

Tgt Ion:264 Resp: 473372

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

