

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035418.D
 Acq On : 26 Jun 2018 20:13
 Operator : JU/SJ
 Sample : J3665-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(90-92)

Quant Time: Jun 27 03:03:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

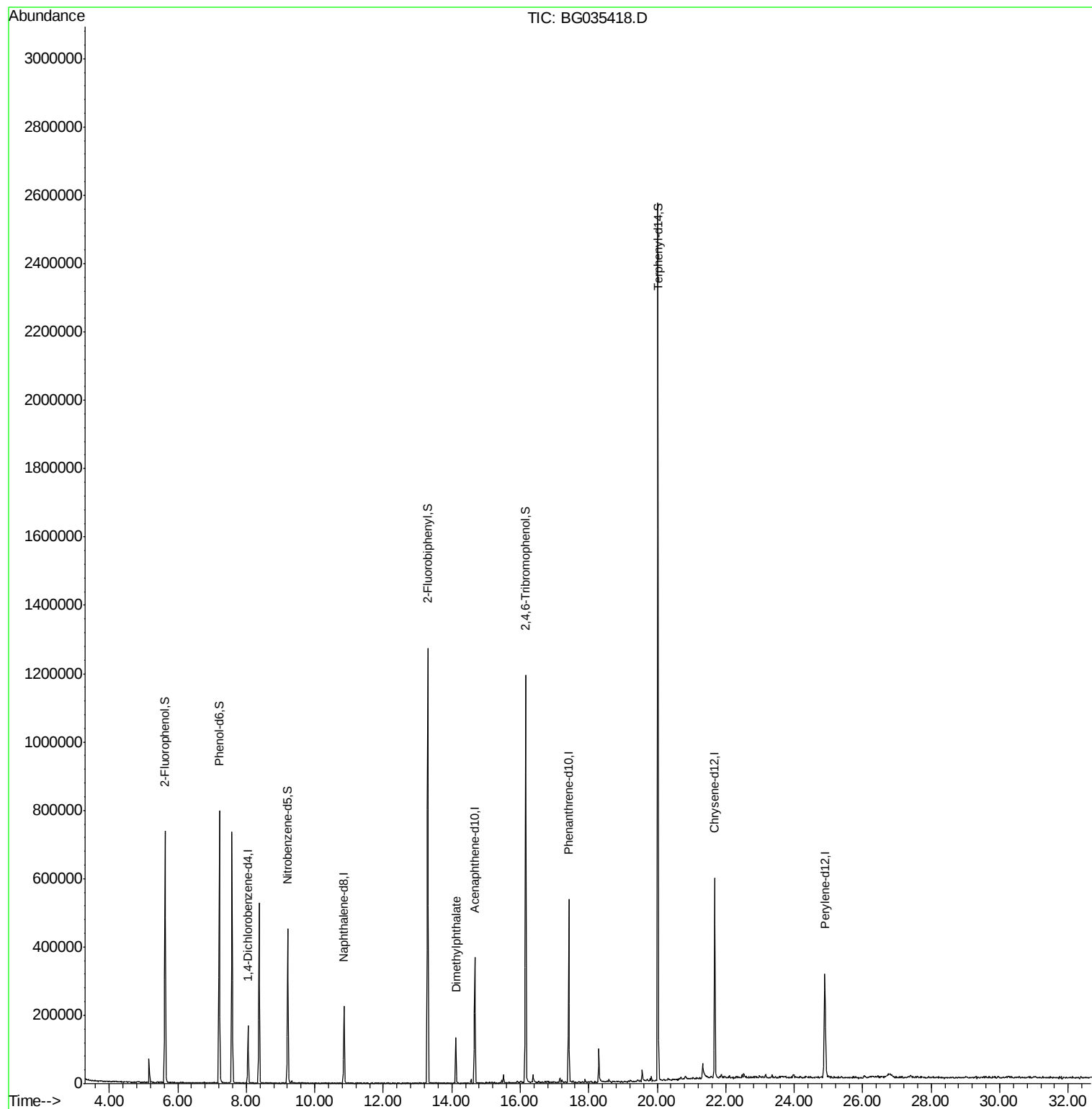
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49193	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	185246	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131697	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	340732	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	371804	20.00	ng	-0.04
86) Perylene-d12	24.89	264	358796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	314497	107.89	ng	-0.02
7) Phenol-d6	7.21	99	488265	113.49	ng	-0.01
23) Nitrobenzene-d5	9.21	82	304610	78.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	224965	133.44	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	702608	69.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1301449	73.32	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	91712	7.986	ng	Qvalue 99

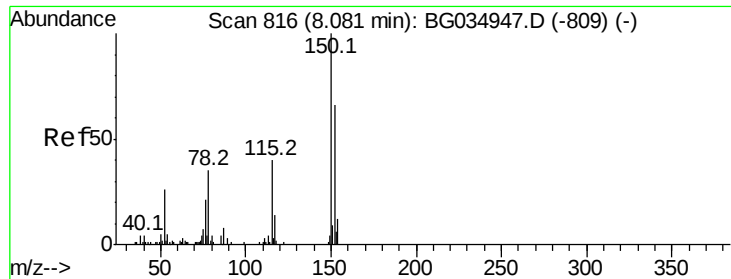
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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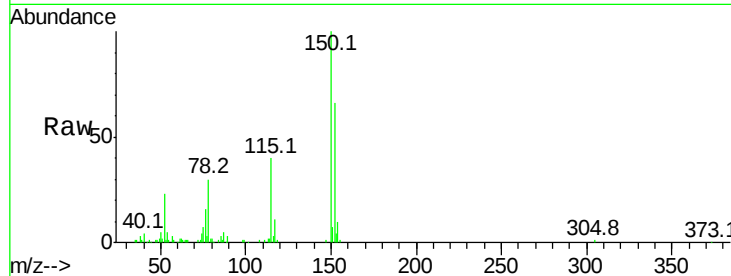


#1

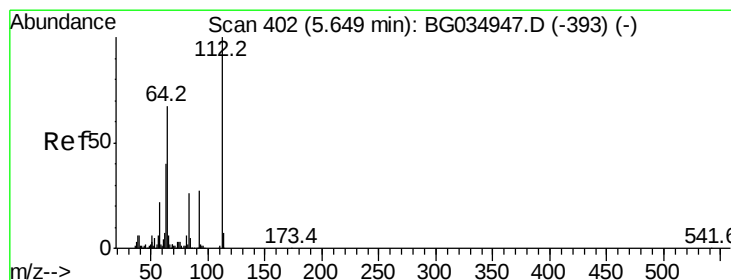
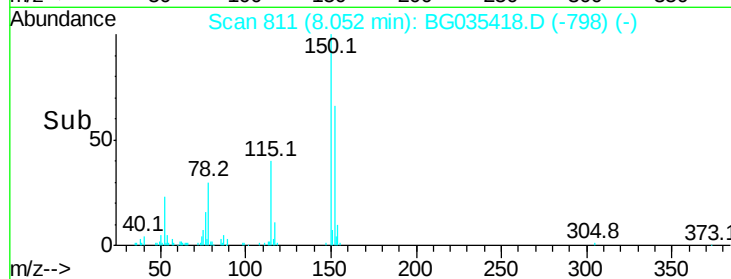
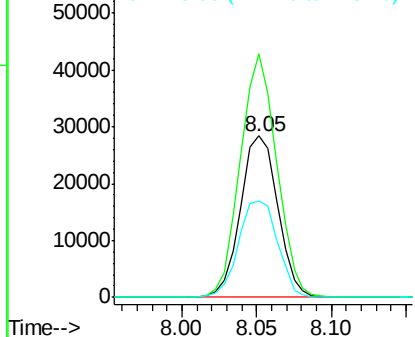
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(90-92)

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.6	189.8
115	59.6	53.0	79.4



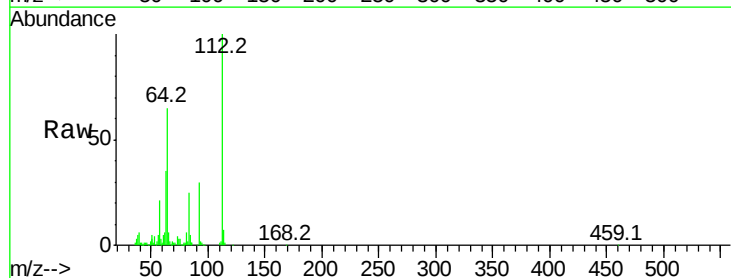
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



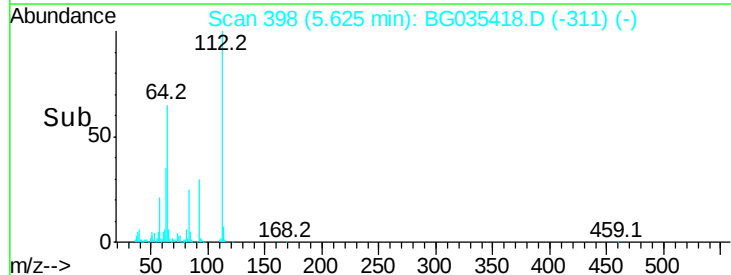
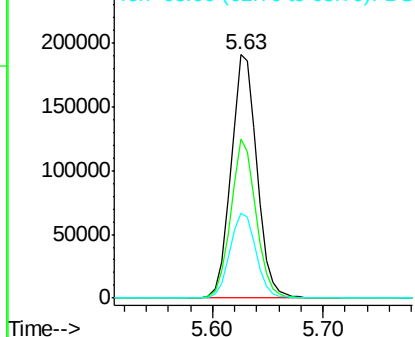
#5

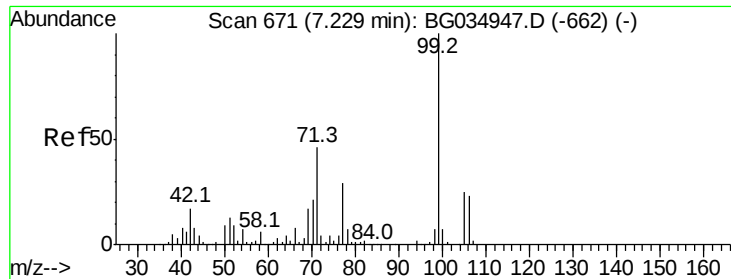
2-Fluorophenol
Concen: 107.891 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	34.8	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: 113.489 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(90-92)

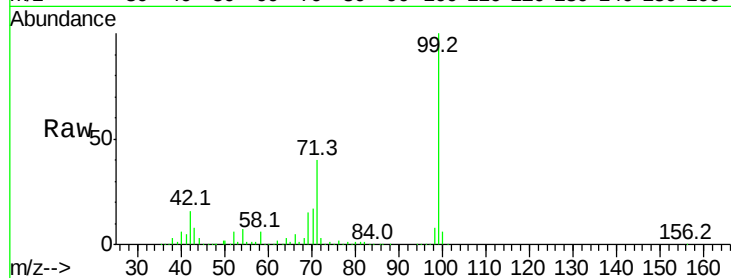
Tot Ion: 99 Resp: 488265

Ion Ratio Lower Upper

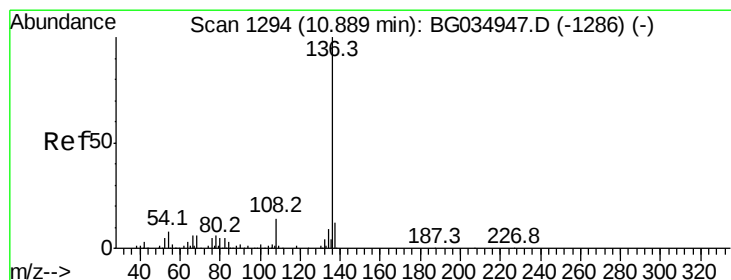
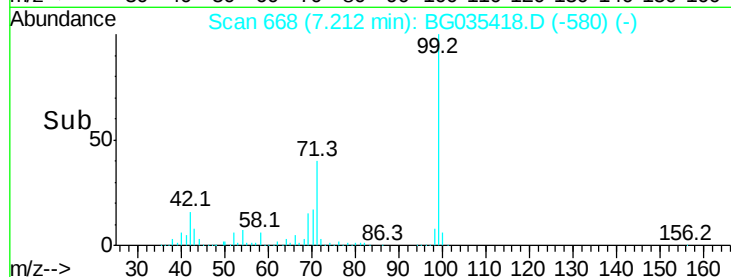
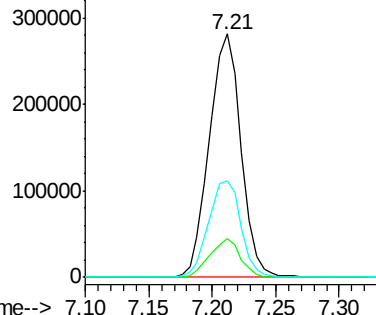
99 100

42 16.0 14.1 21.1

71 39.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Tgt Ion: 136 Resp: 185246

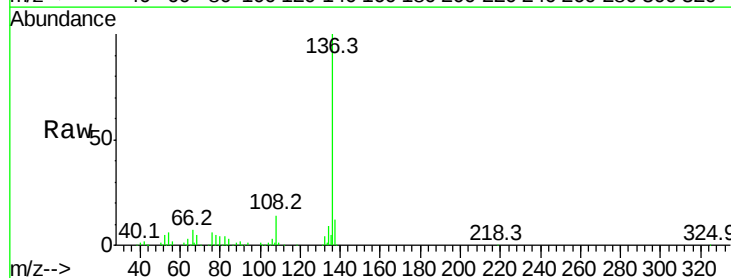
Ion Ratio Lower Upper

136 100

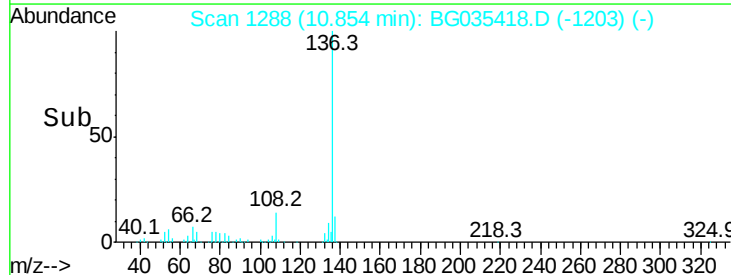
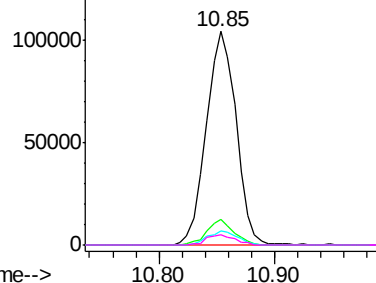
137 11.9 9.2 13.8

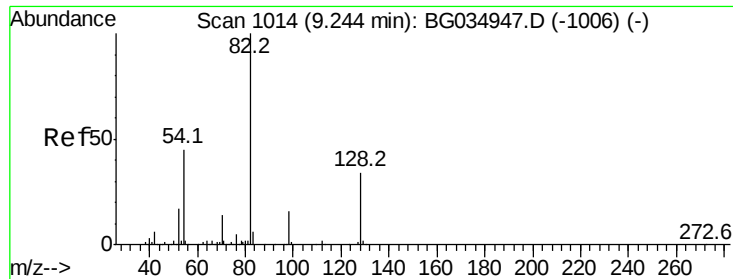
54 6.5 10.3 15.5#

68 4.6 4.5 6.7



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

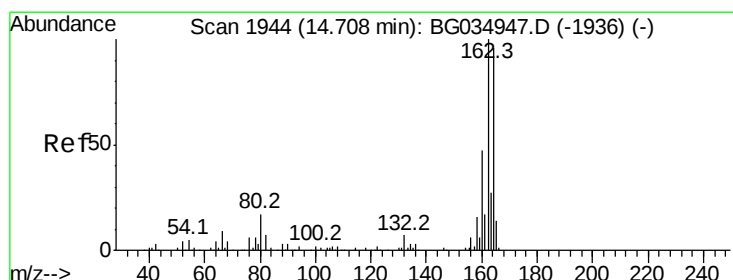
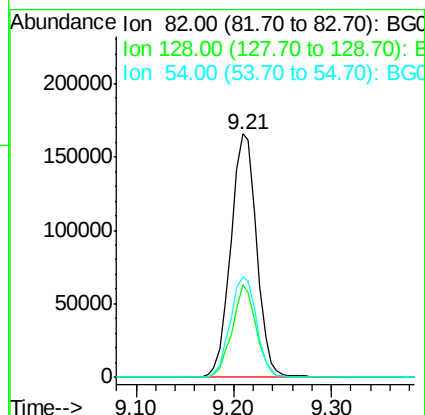
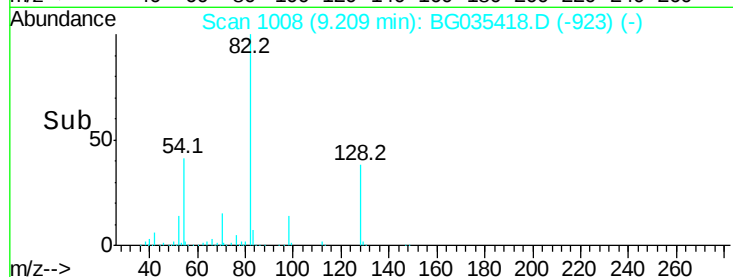
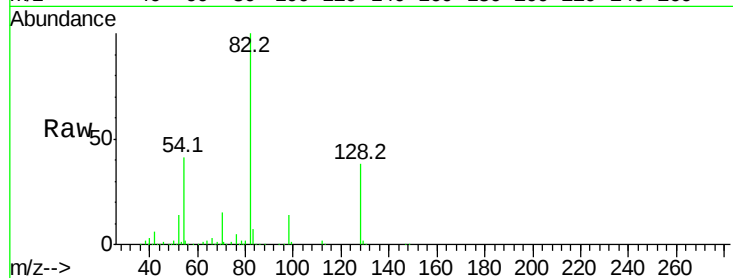




#23
Nitrobenzene-d5
Concen: 78.163 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

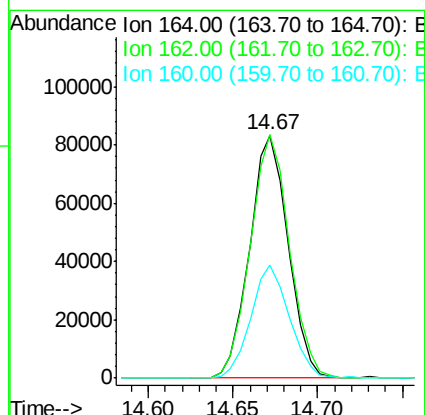
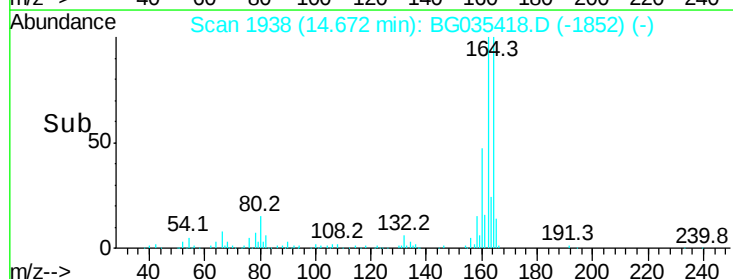
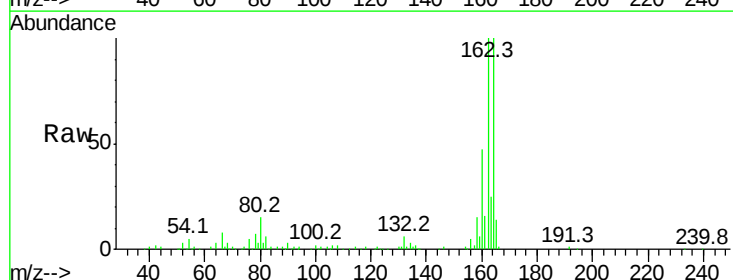
Instrument :
BNA_G
ClientSampleId :
EPE-105-4(90-92)

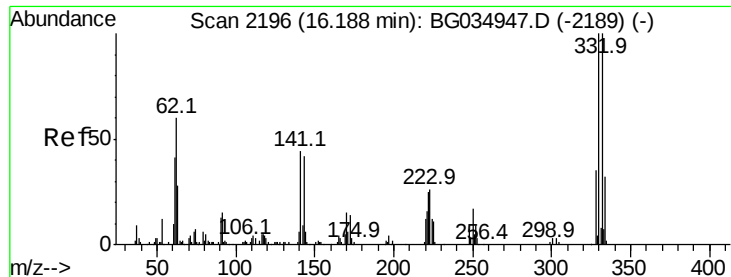
Tot Ion: 82 Resp: 304610
Ion Ratio Lower Upper
82 100
128 38.1 29.7 44.5
54 41.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Tgt Ion:164 Resp: 131697
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 46.9 35.4 53.0

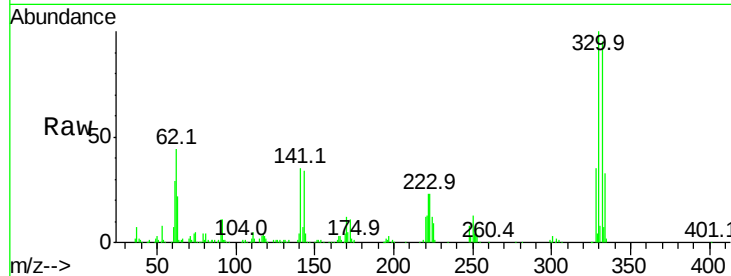




#41
 2,4,6-Tribromophenol
 Concen: 133.440 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(90-92)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.7	25.2	37.8

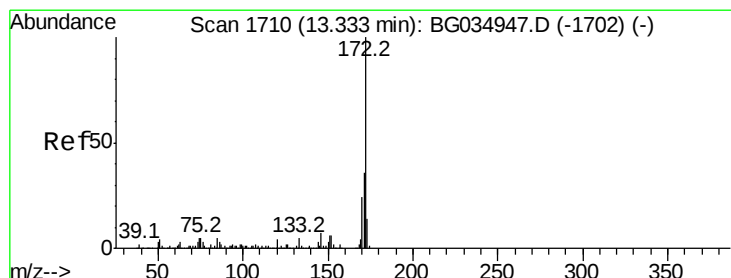
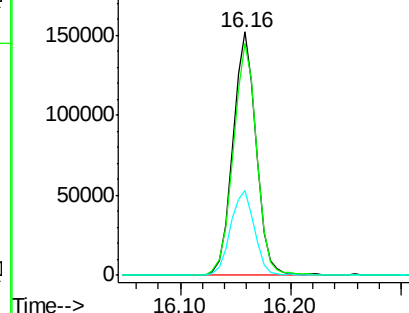
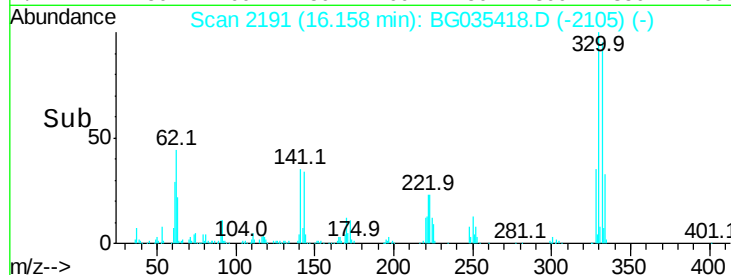


Abundance

Ion 329.80 (329.50 to 330.50): E

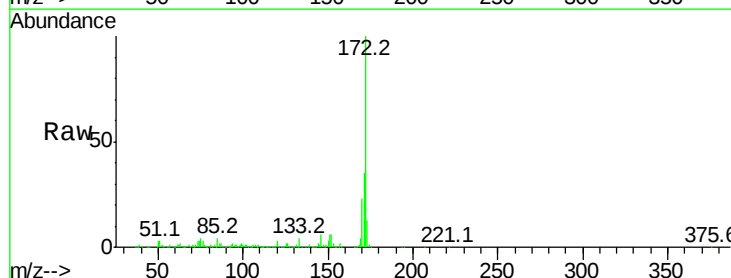
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.355 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.7	19.5	29.3

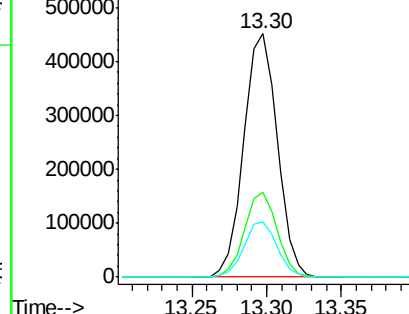
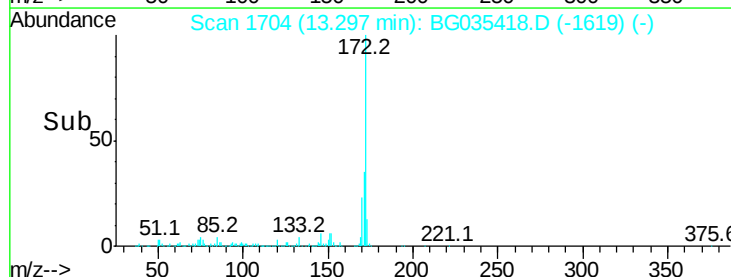


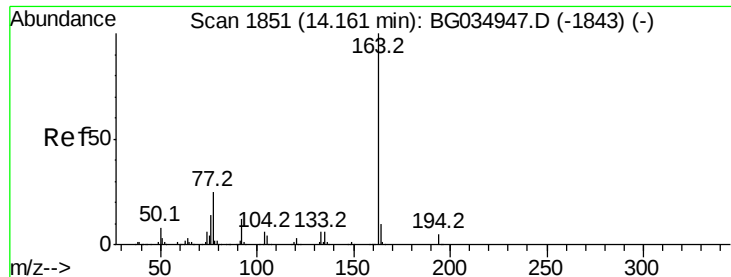
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

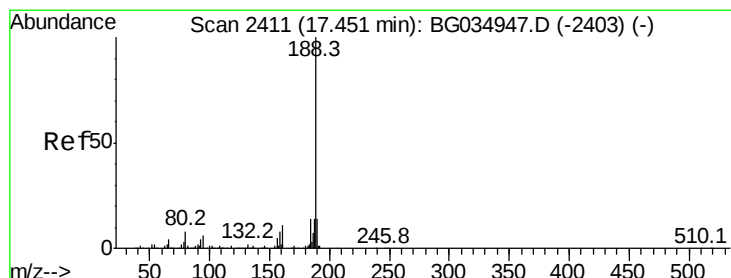
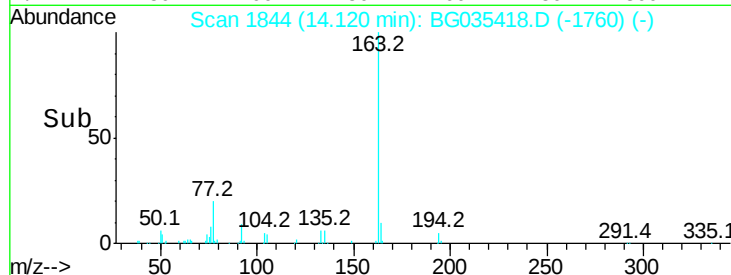
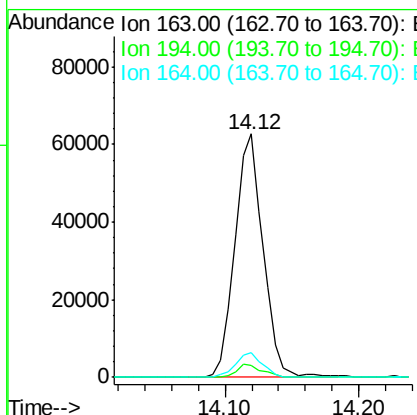
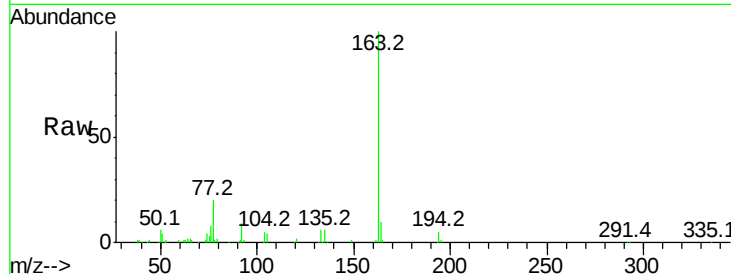




#49
 Dimethylphthalate
 Concen: 7.986 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.04 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

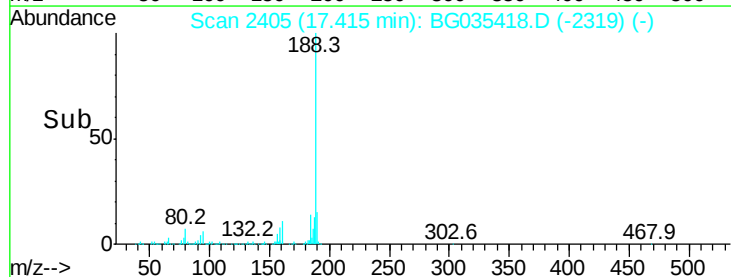
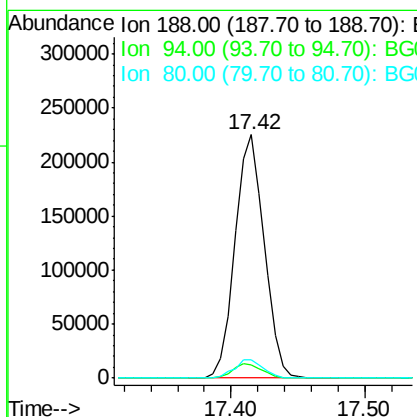
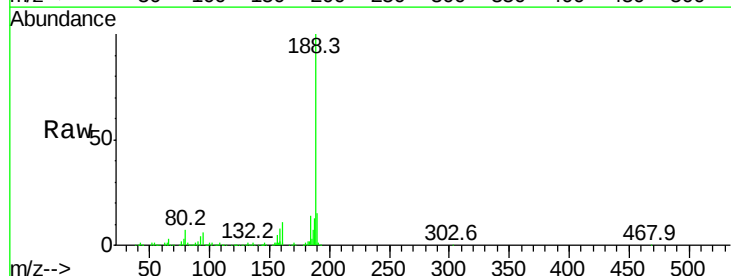
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(90-92)

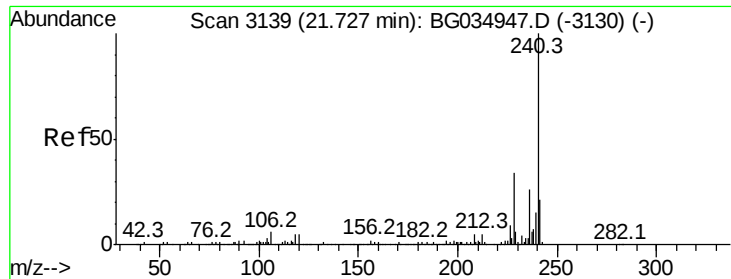
Tot Ion:	163	Resp:	91712
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	10.4	8.2	12.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Tgt Ion:	188	Resp:	340732
Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.3	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(90-92)

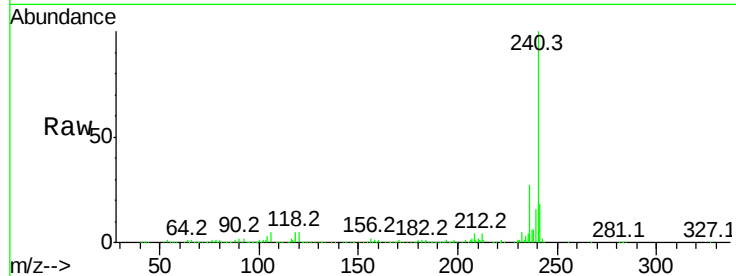
Tot Ion:240 Resp: 371804

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

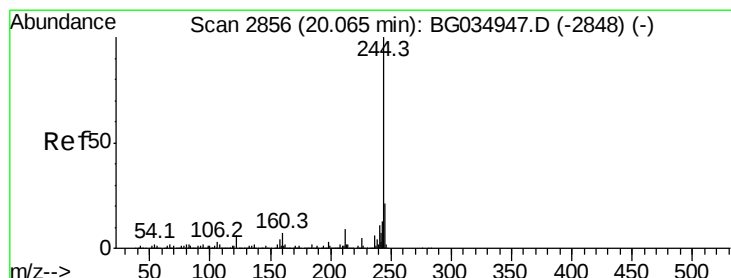
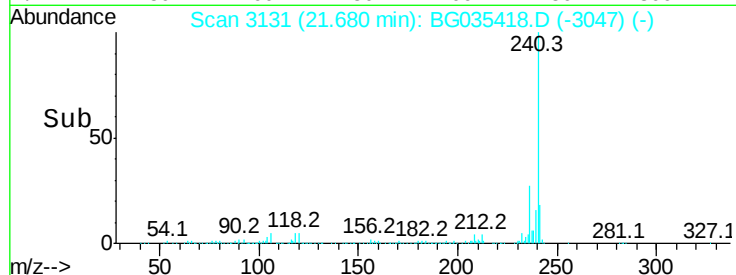
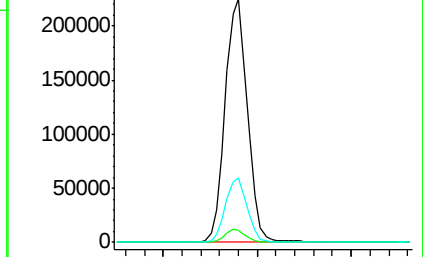
236 26.7 20.9 31.3



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: 73.321 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

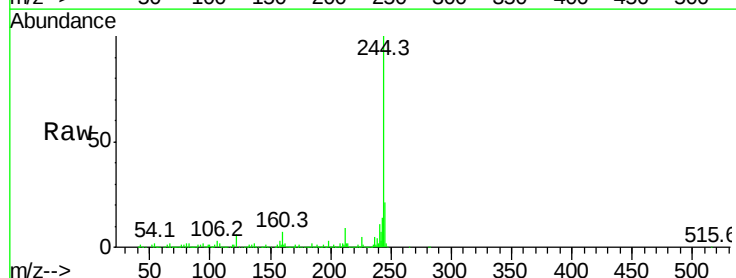
Tgt Ion:244 Resp: 1301449

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

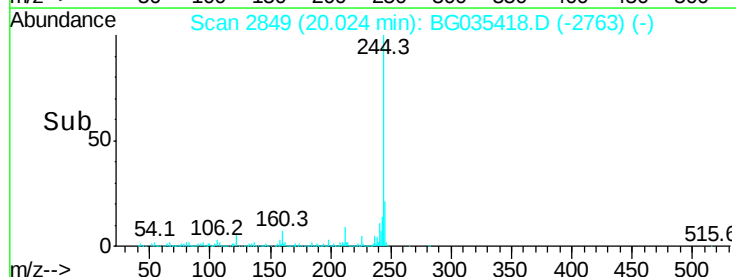
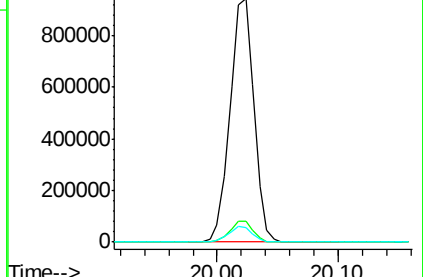
122 5.7 7.0 10.4#

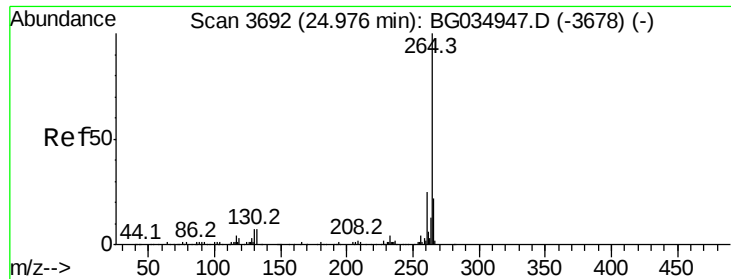


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

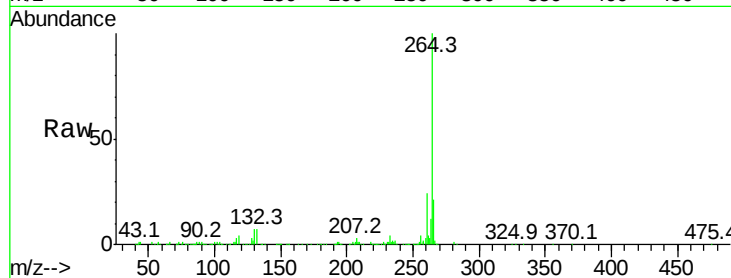




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(90-92)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.3	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

