

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035430.D
 Acq On : 27 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3646-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-7(3-72)-COMP

Quant Time: Jun 27 07:59:23 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	50677	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	189166	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	133611	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	365921	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	396288	20.00	ng	-0.04
86) Perylene-d12	24.89	264	359557	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	379418	126.35	ng	-0.01
7) Phenol-d6	7.21	99	496095	111.93	ng	-0.01
23) Nitrobenzene-d5	9.22	82	409601	102.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	290634	169.92	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	877889	85.42	ng	-0.03
78) Terphenyl-d14	20.02	244	1768580	93.48	ng	-0.02

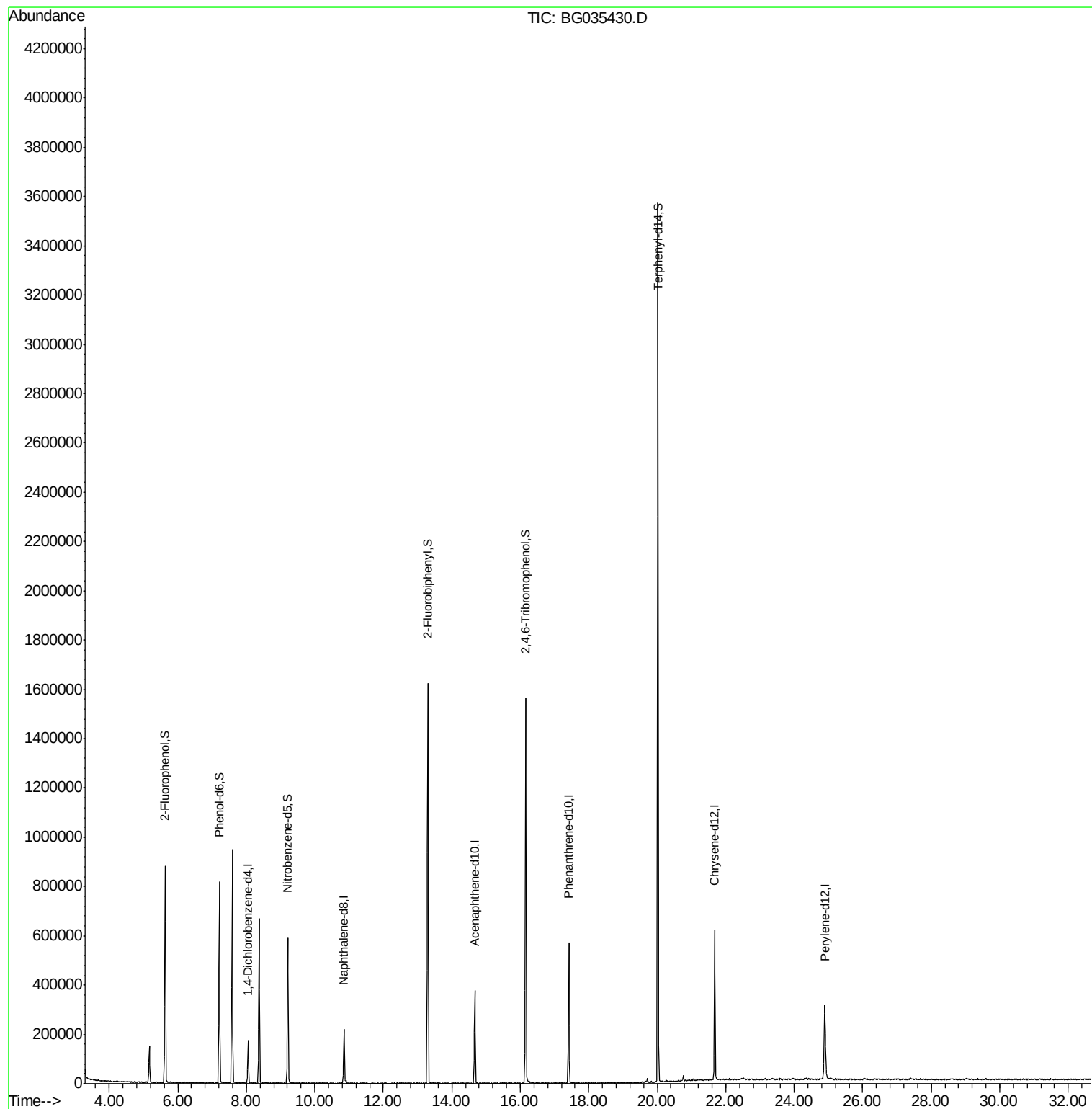
Target Compounds Qvalue

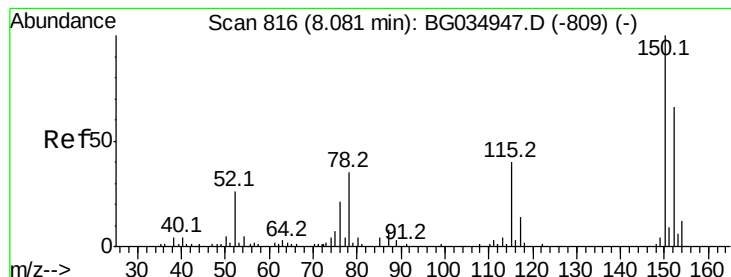
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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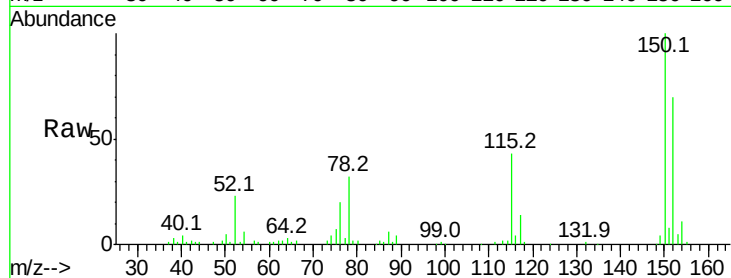


#1

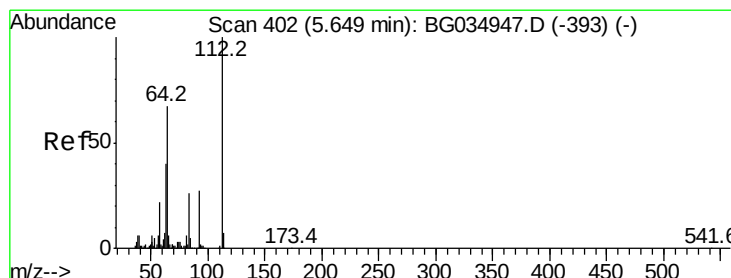
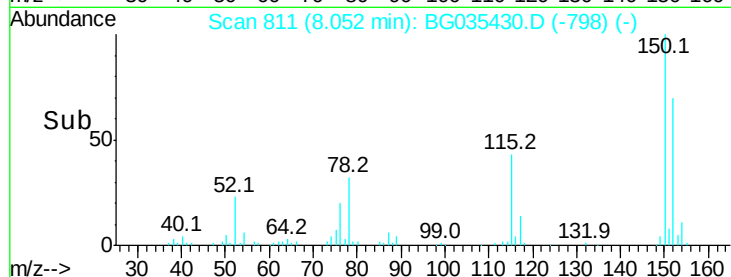
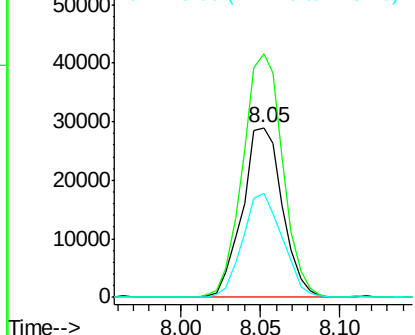
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-7(3-72)-COMP

Tot Ion:152 Resp: 50677
Ion Ratio Lower Upper
152 100
150 143.6 126.6 189.8
115 61.2 53.0 79.4



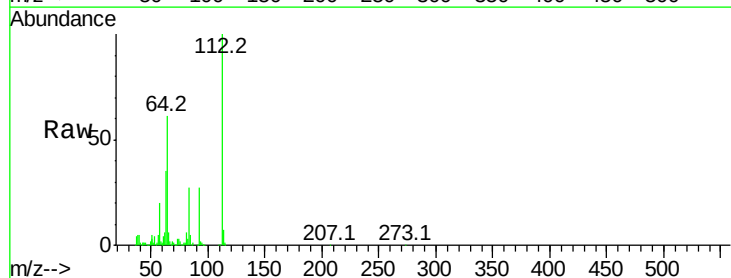
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



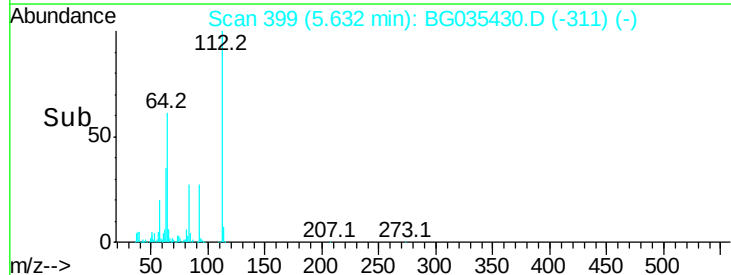
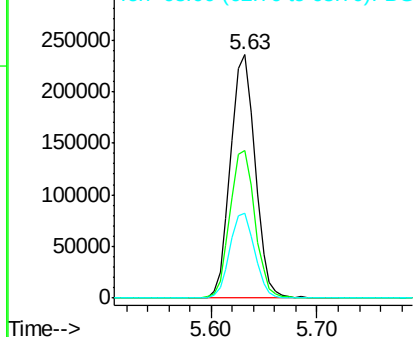
#5

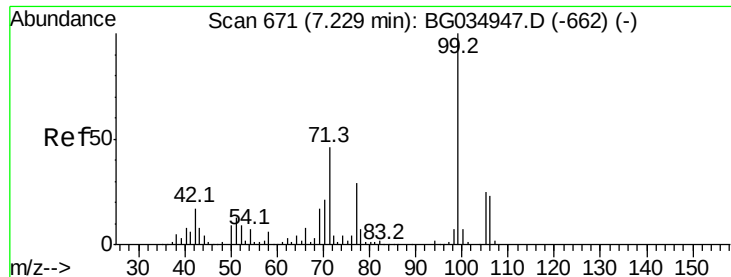
2-Fluorophenol
Concen: 126.351 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Tgt Ion:112 Resp: 379418
Ion Ratio Lower Upper
112 100
64 60.7 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: 111.933 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(3-72)-COMP

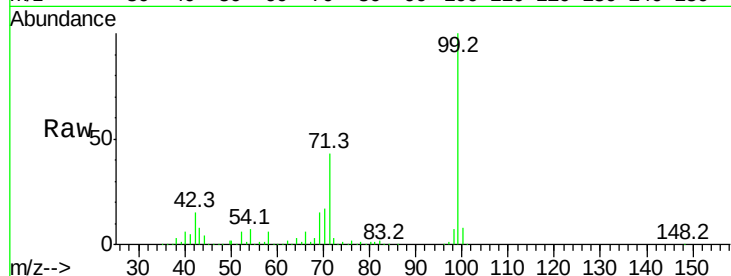
Tot Ion: 99 Resp: 496095

Ion Ratio Lower Upper

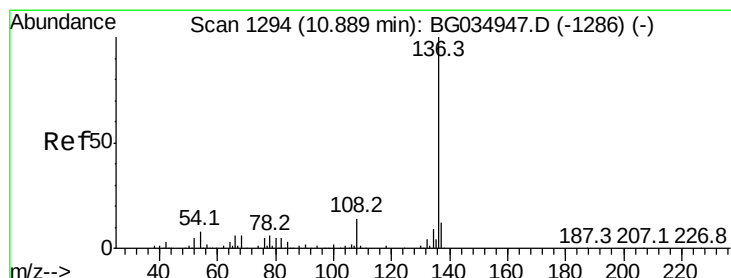
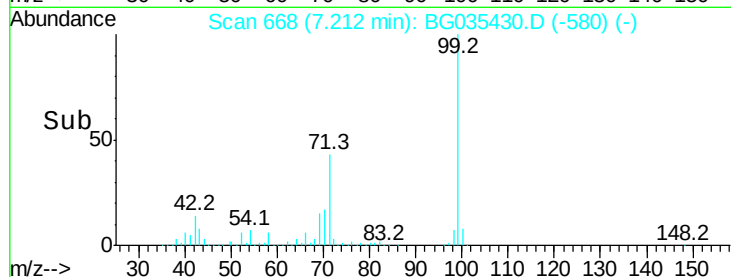
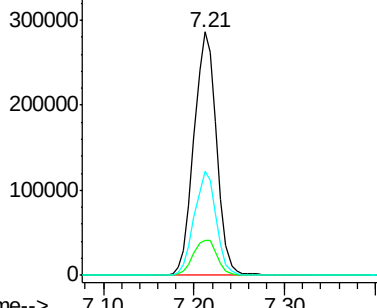
99 100

42 14.6 14.1 21.1

71 42.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Tgt Ion: 136 Resp: 189166

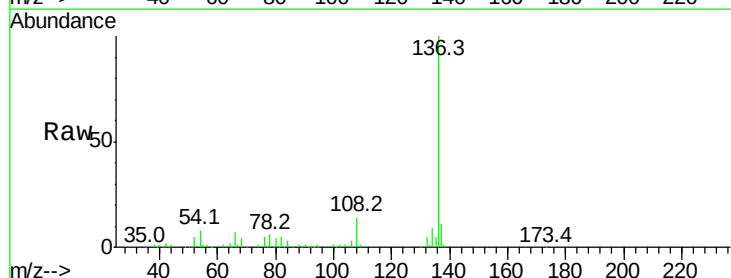
Ion Ratio Lower Upper

136 100

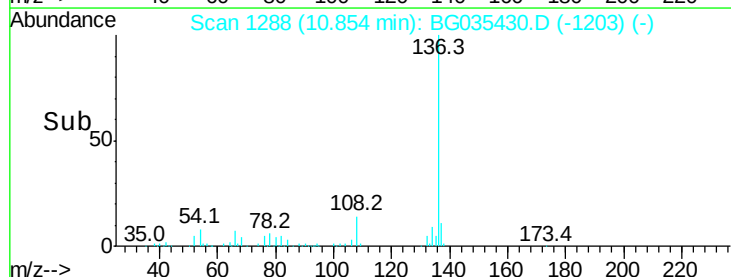
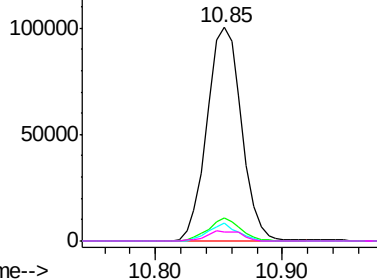
137 10.6 9.2 13.8

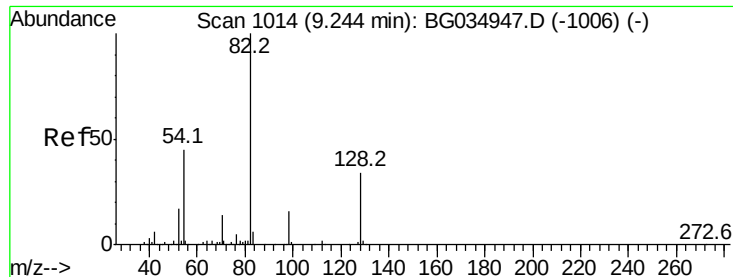
54 8.4 10.3 15.5#

68 4.0 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: 102.926 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(3-72)-COMP

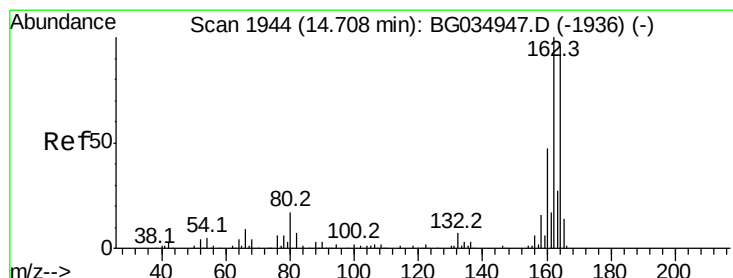
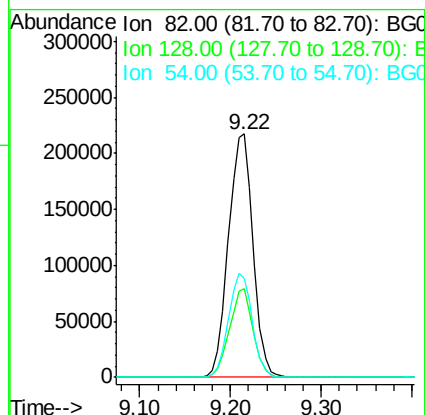
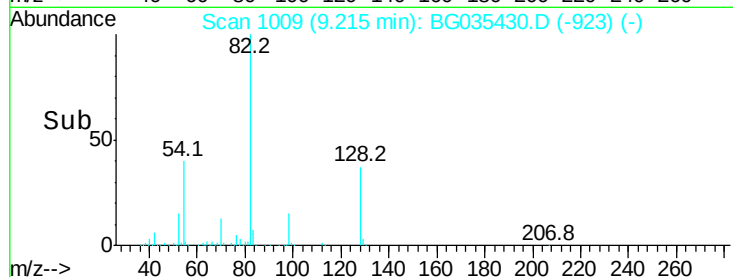
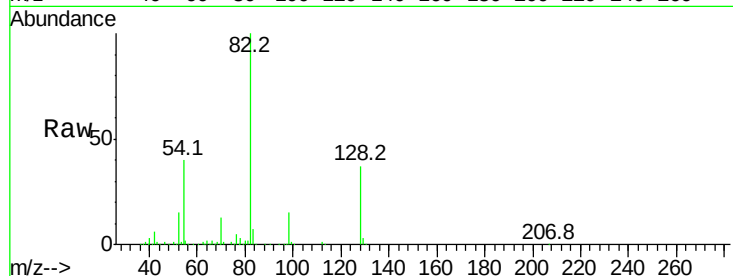
Tot Ion: 82 Resp: 409601

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

54 40.5 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: BG035430.D

Acq: 27 Jun 2018 4:40

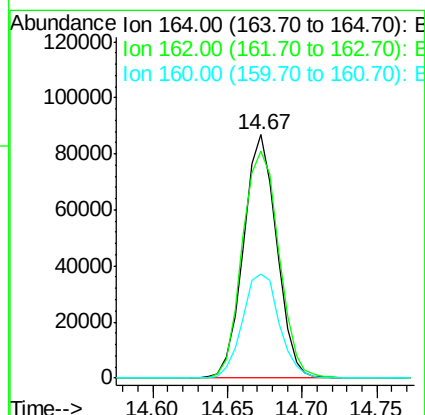
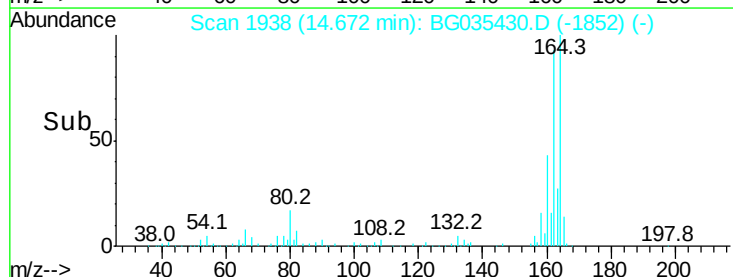
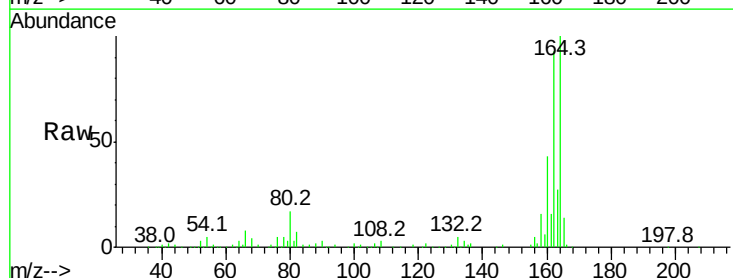
Tgt Ion:164 Resp: 133611

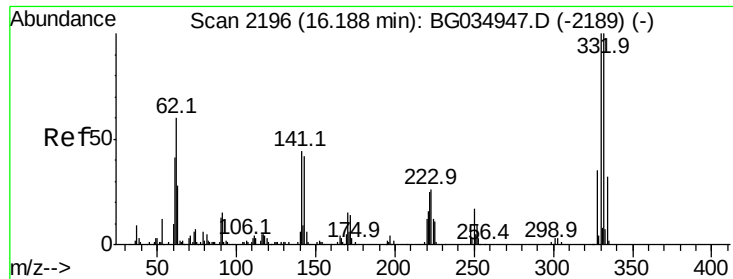
Ion Ratio Lower Upper

164 100

162 93.1 78.8 118.2

160 43.0 35.4 53.0

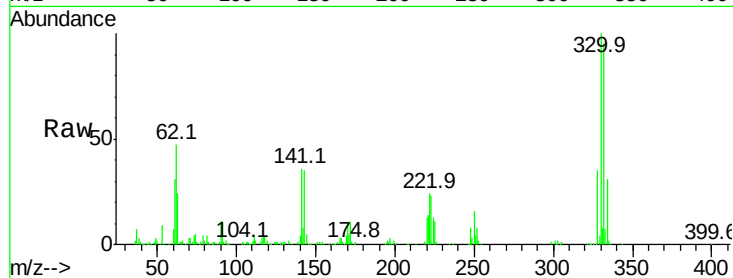




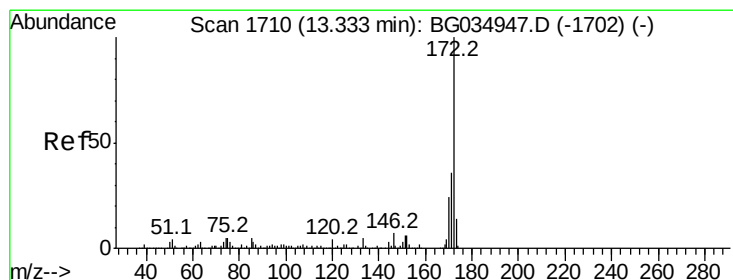
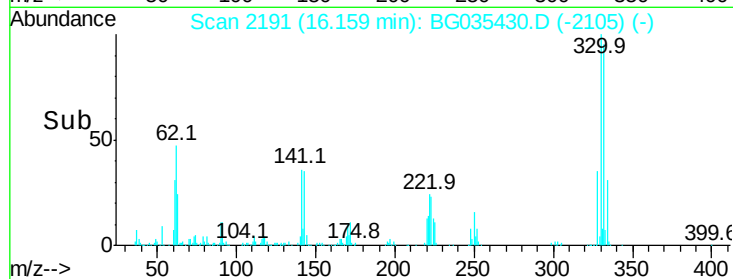
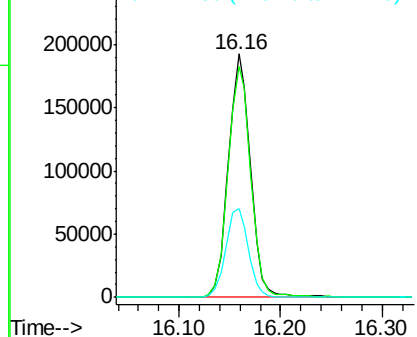
#41
 2,4,6-Tribromophenol
 Concen: 169.923 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035430.D
 Acq: 27 Jun 2018 4:40

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-7(3-72)-COMP

Tot Ion:330 Resp: 290634
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 37.7 25.2 37.8

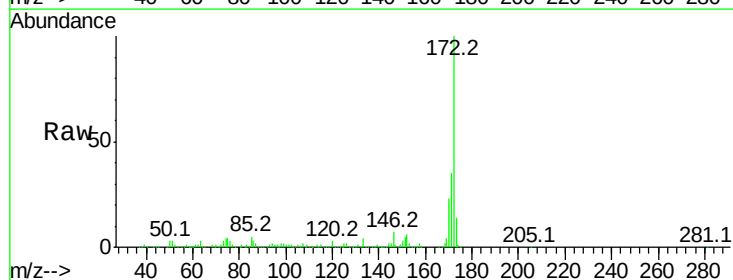


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

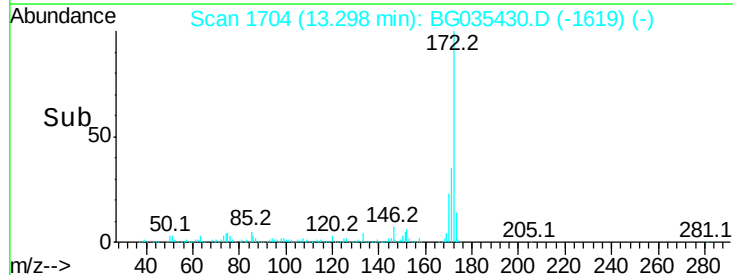
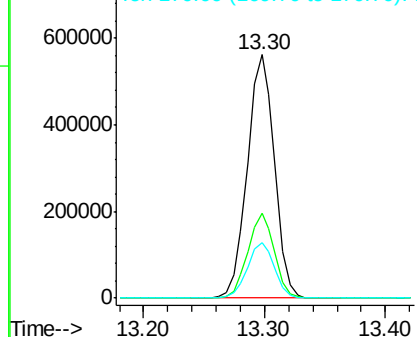


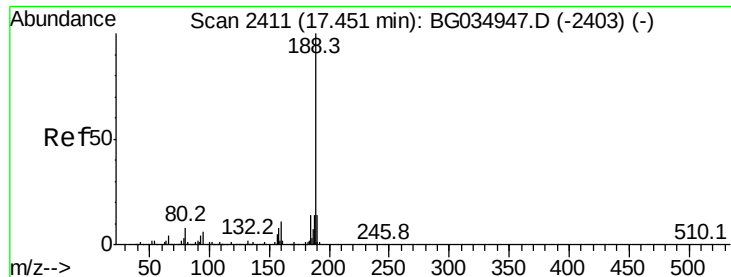
#44
 2-Fluorobiphenyl
 Concen: 85.416 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035430.D
 Acq: 27 Jun 2018 4:40

Tgt Ion:172 Resp: 877889
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 22.8 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(3-72)-COMP

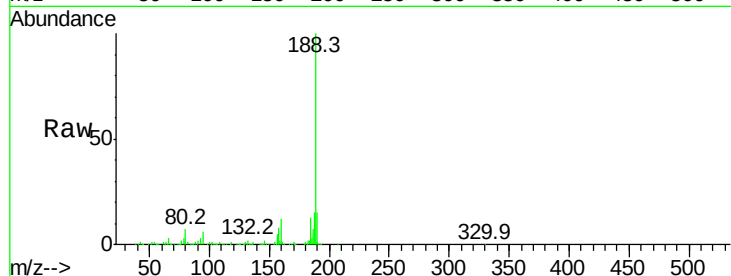
Tot Ion:188 Resp: 365921

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

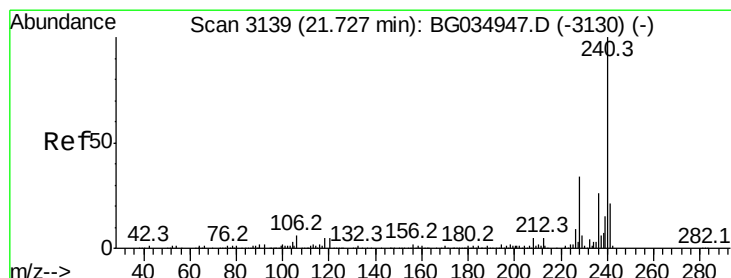
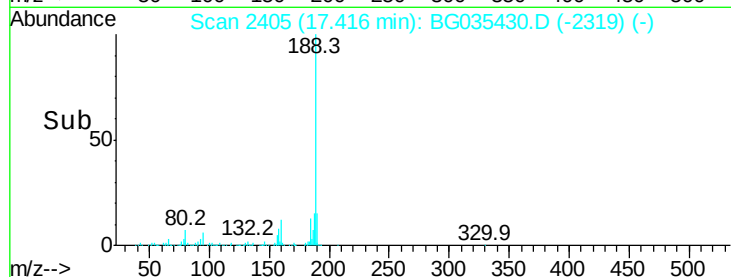
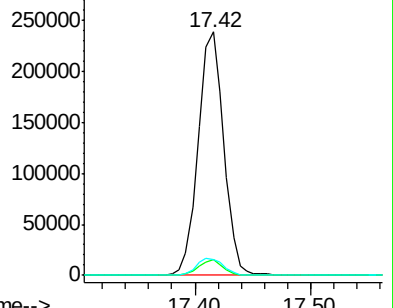
80 6.7 7.7 11.5#



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: 21.67 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

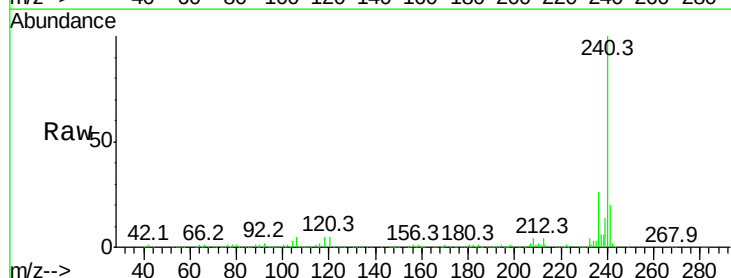
Tgt Ion:240 Resp: 396288

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

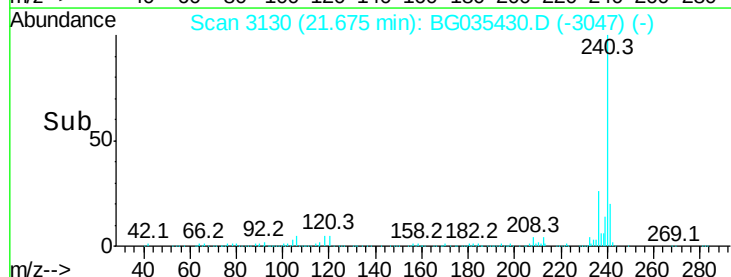
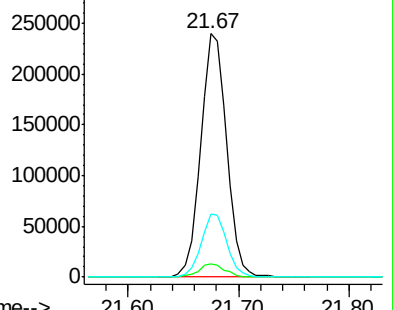
236 25.9 20.9 31.3

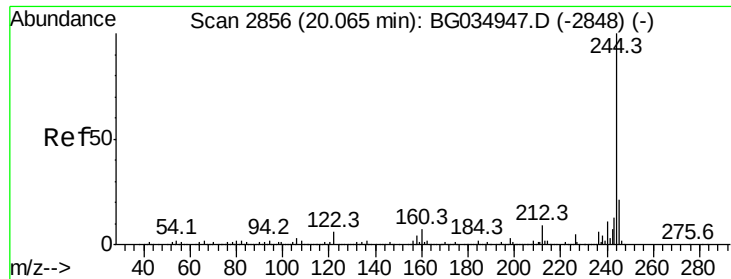


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.482 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

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ClientSampleId :

EPE-106-7(3-72)-COMP

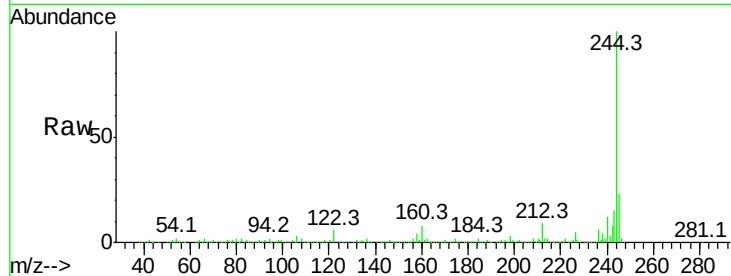
Tot Ion:244 Resp: 1768580

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

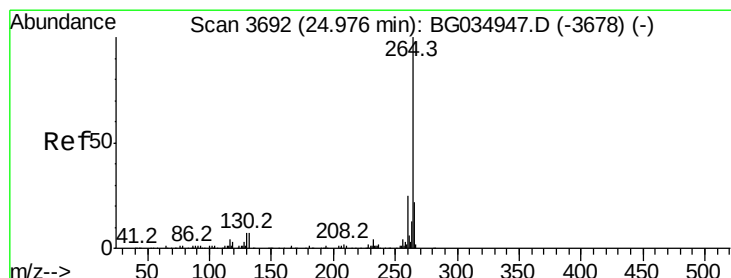
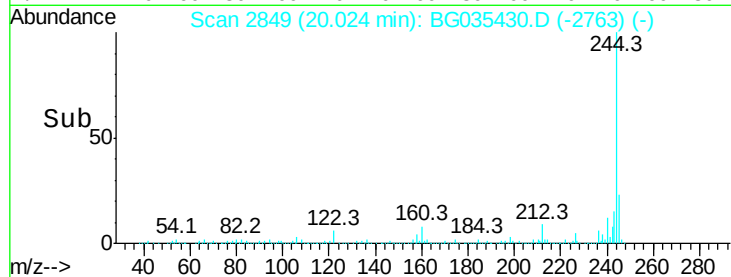
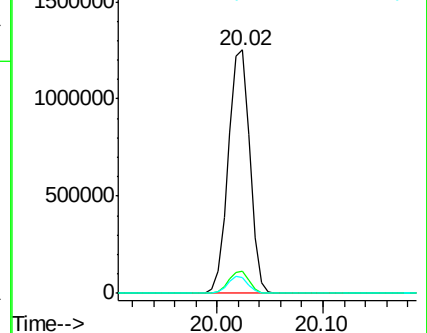
122 6.5 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

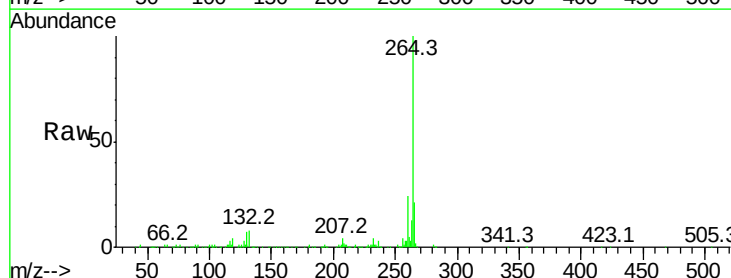
Tgt Ion:264 Resp: 359557

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.2 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

