

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035429.D
 Acq On : 27 Jun 2018 4:02
 Operator : JU/SJ
 Sample : J3645-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-5(0-47)-COMP

Quant Time: Jun 27 07:54:26 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	53875	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	197769	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136452	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	375972	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	404767	20.00	ng	-0.04
86) Perylene-d12	24.89	264	372391	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	414566	129.86	ng	-0.01
7) Phenol-d6	7.21	99	550400	116.81	ng	-0.01
23) Nitrobenzene-d5	9.22	82	427322	102.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	307785	176.20	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	938610	89.42	ng	-0.03
78) Terphenyl-d14	20.02	244	1825018	94.44	ng	-0.02

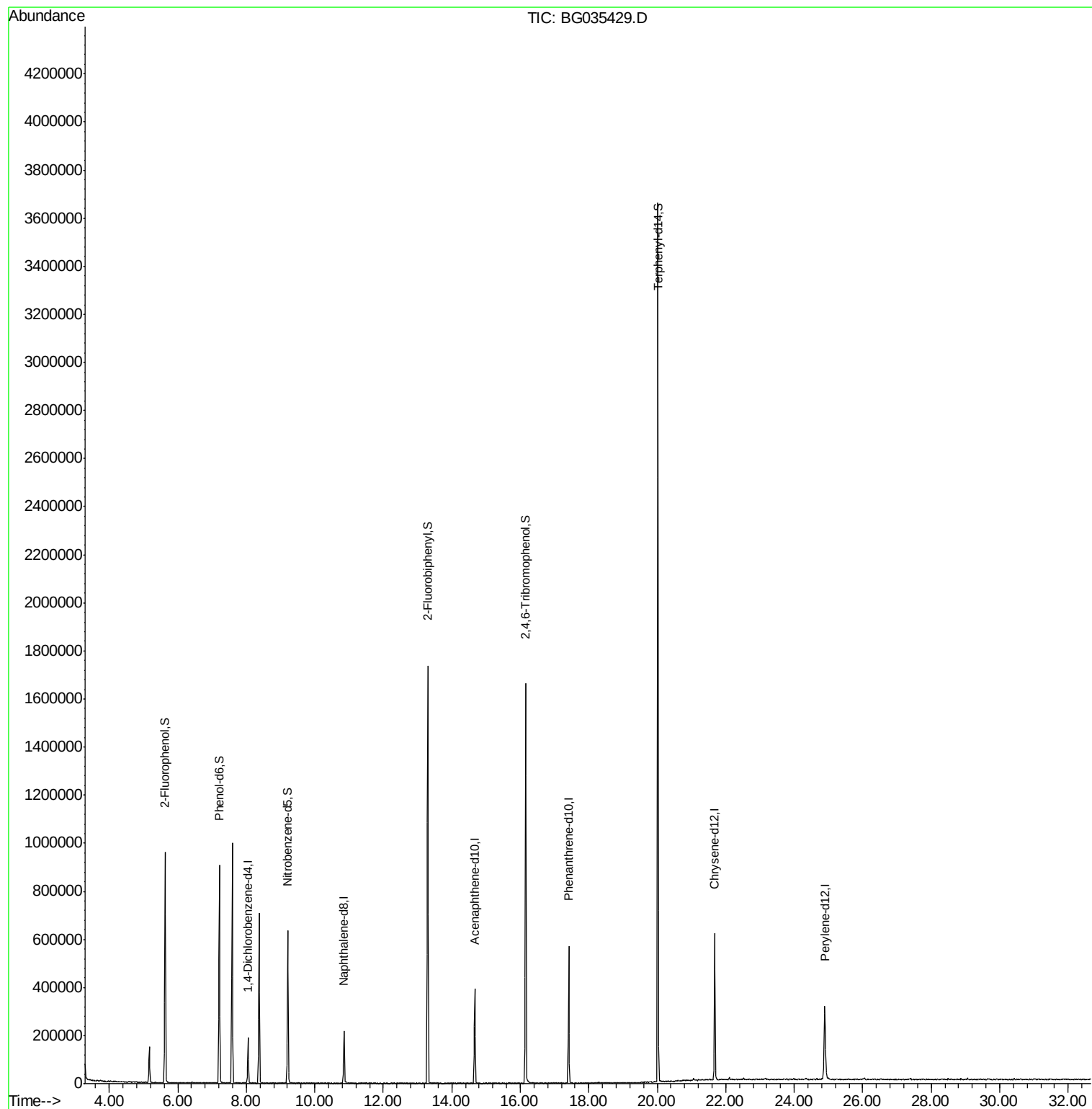
Target Compounds Qvalue

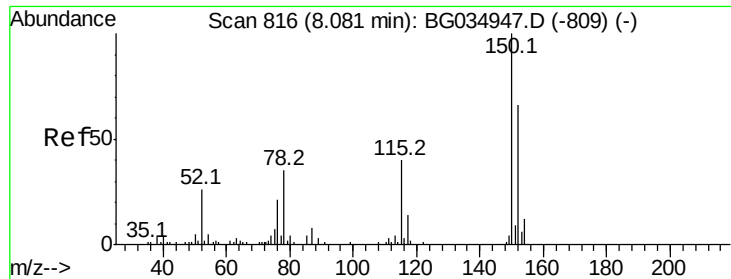
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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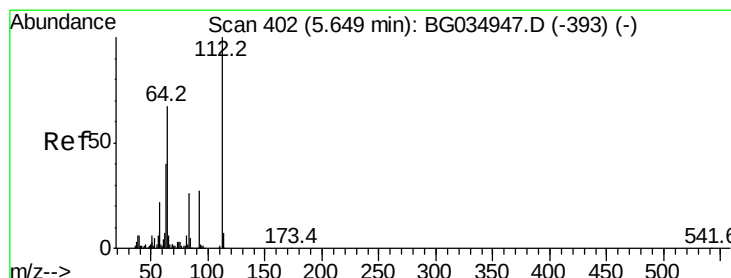
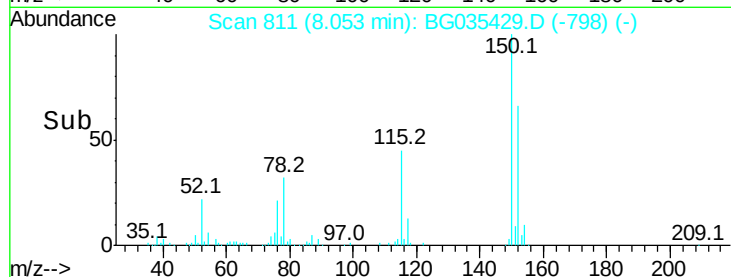
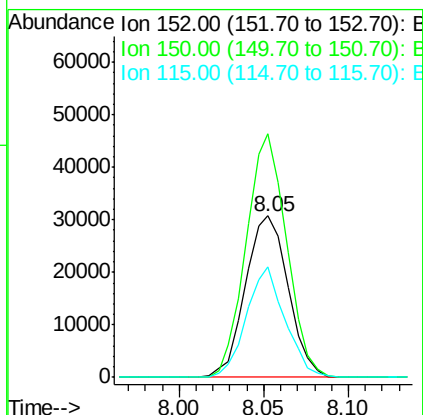
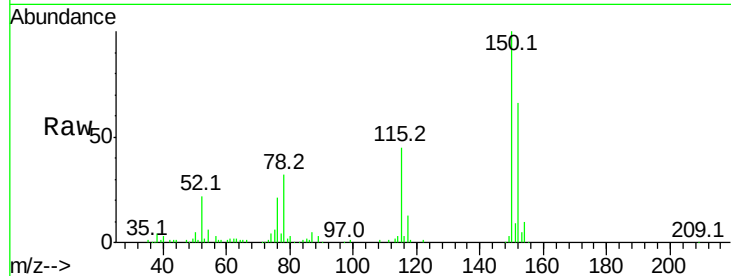


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035429.D
Acq: 27 Jun 2018 4:02

Instrument :
BNA_G
ClientSampleId :
EPE-105-5(0-47)-COMP

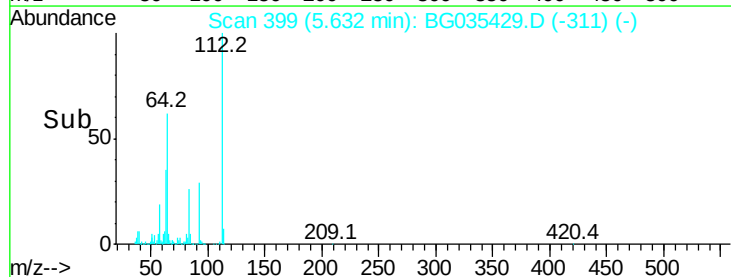
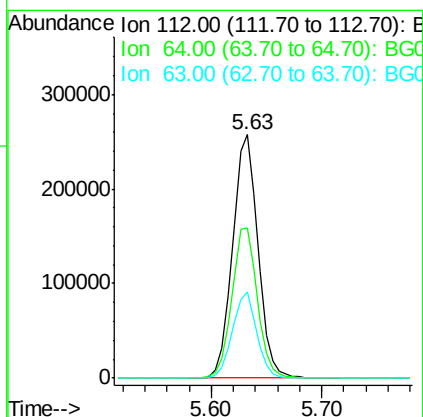
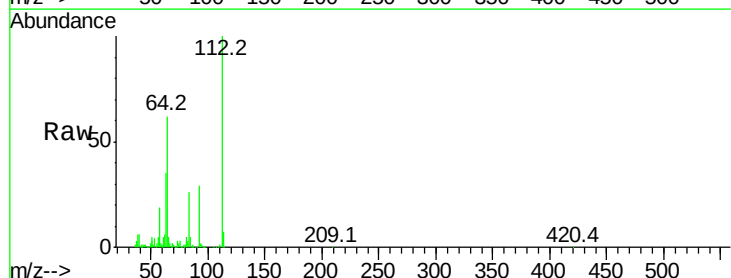
Tot Ion:152 Resp: 53875
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 68.7 53.0 79.4

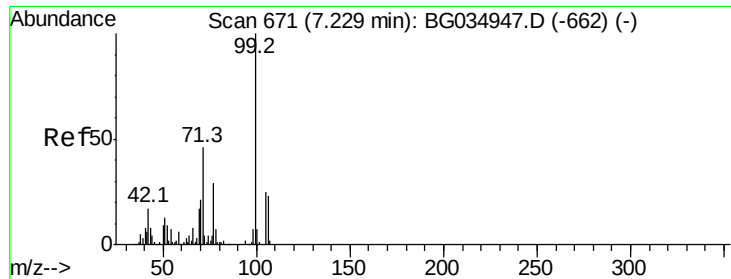


#5

2-Fluorophenol
Concen: 129.861 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035429.D
Acq: 27 Jun 2018 4:02

Tgt Ion:112 Resp: 414566
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 116.814 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

Instrument :

BNA_G

ClientSampleId :

EPE-105-5(0-47)-COMP

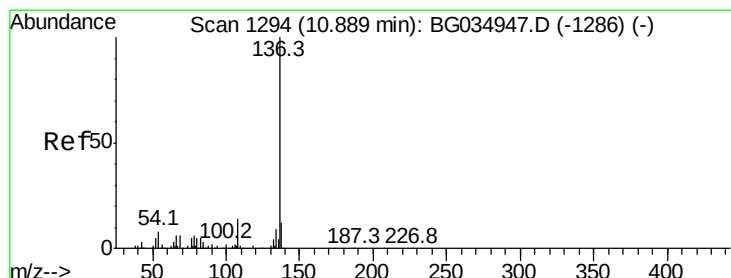
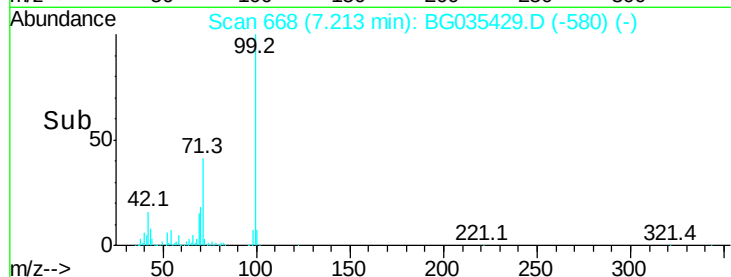
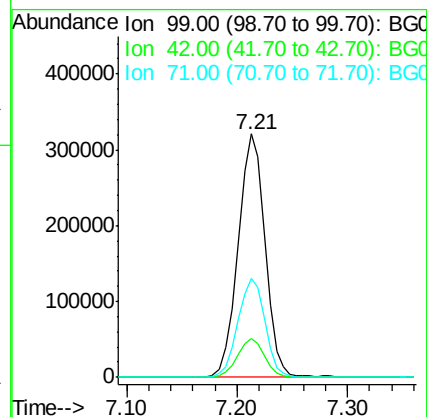
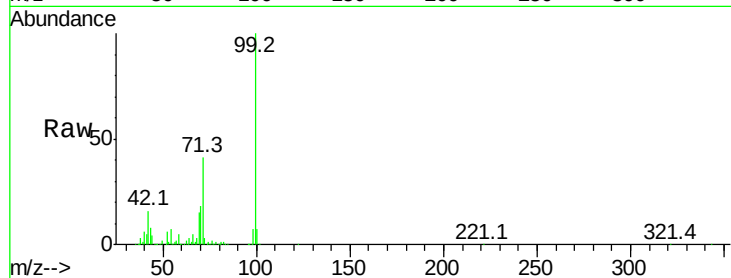
Tot Ion: 99 Resp: 550400

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 40.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

Tgt Ion: 136 Resp: 197769

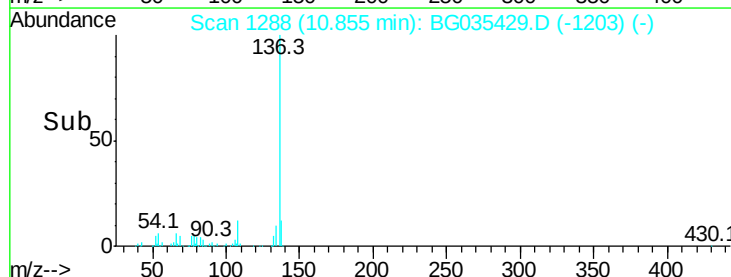
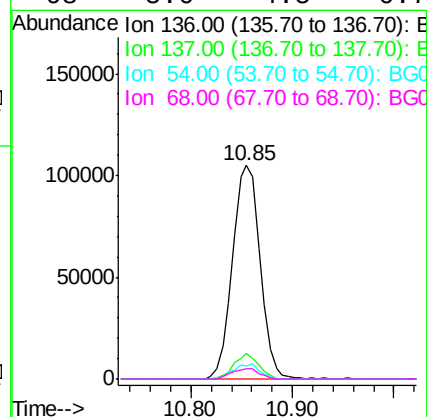
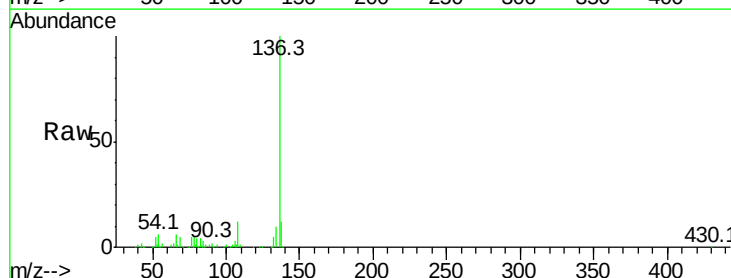
Ion Ratio Lower Upper

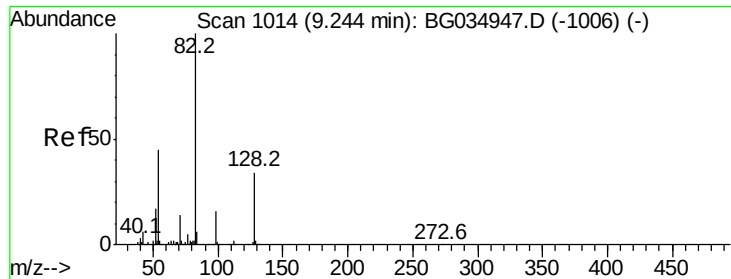
136 100

137 11.8 9.2 13.8

54 6.2 10.3 15.5#

68 5.0 4.5 6.7

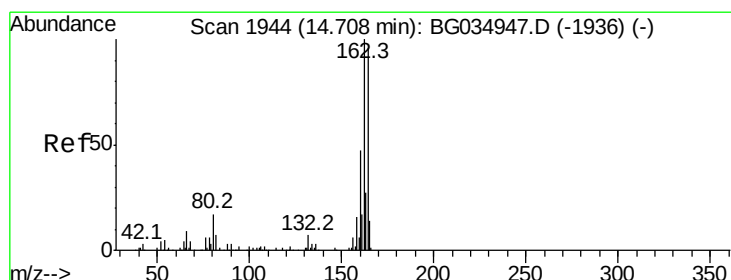
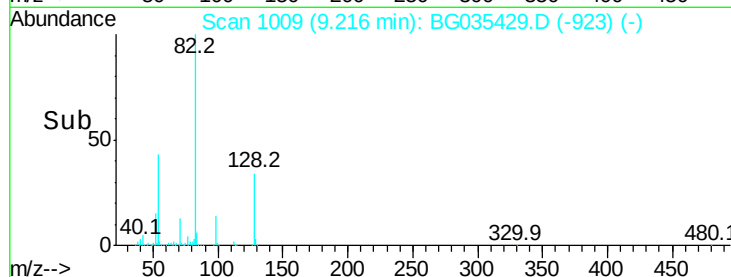
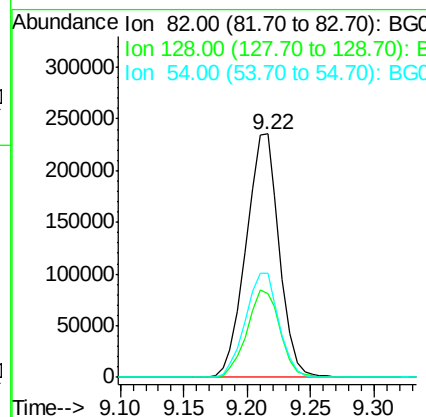
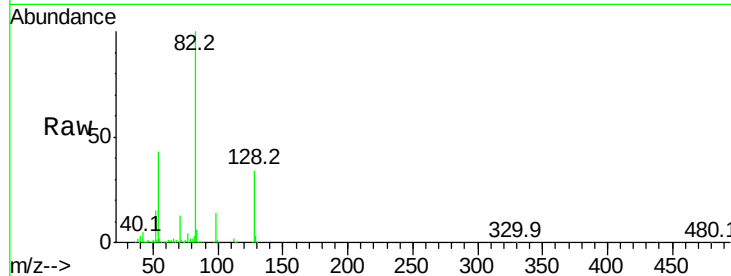




#23
 Nitrobenzene-d5
 Concen: 102.708 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035429.D
 Acq: 27 Jun 2018 4:02

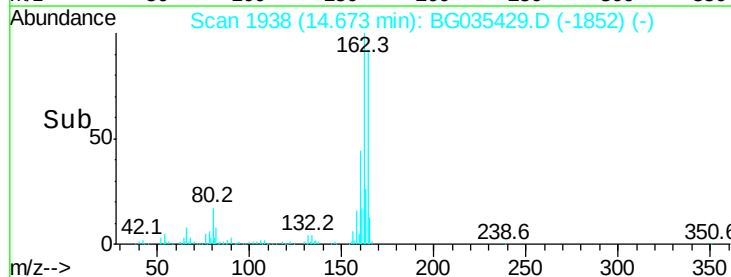
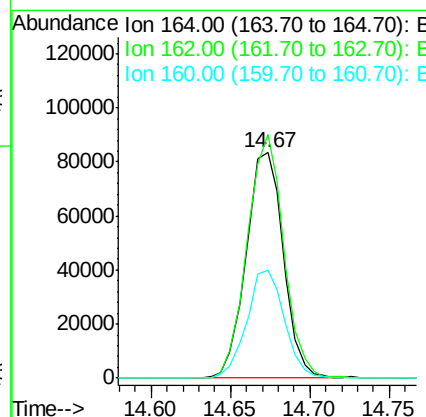
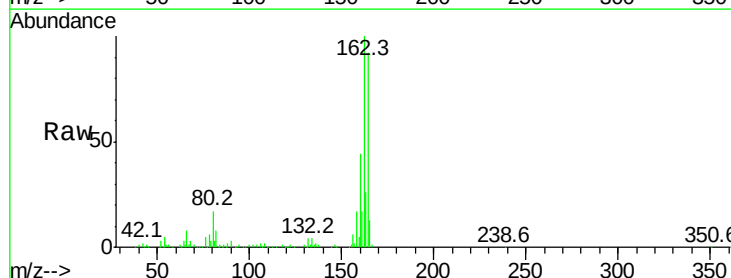
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-5(0-47)-COMP

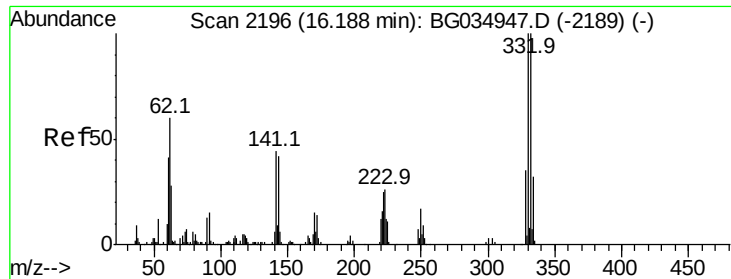
Tot Ion: 82 Resp: 427322
 Ion Ratio Lower Upper
 82 100
 128 34.4 29.7 44.5
 54 42.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035429.D
 Acq: 27 Jun 2018 4:02

Tgt Ion:164 Resp: 136452
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.8 118.2
 160 47.7 35.4 53.0

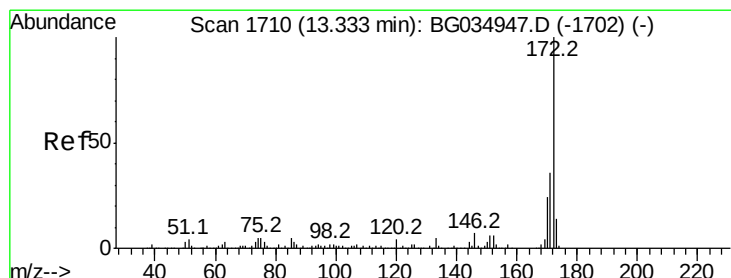
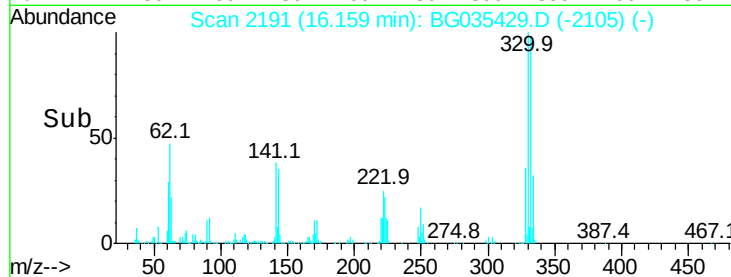
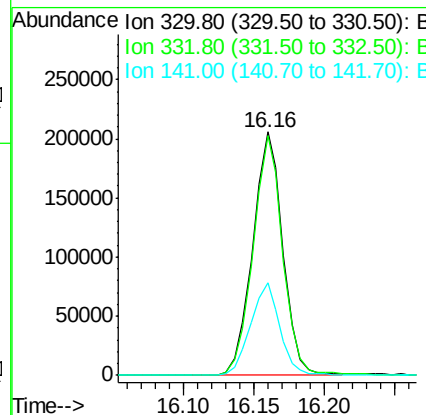
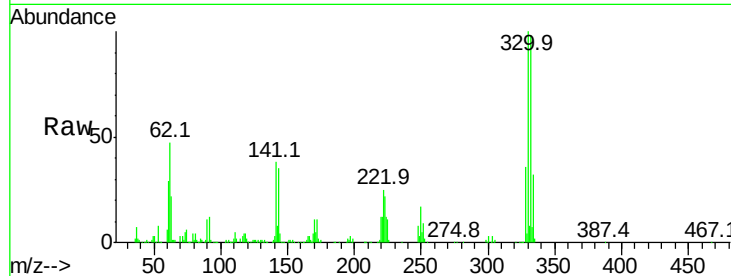




#41
 2,4,6-Tribromophenol
 Concen: 176.203 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035429.D
 Acq: 27 Jun 2018 4:02

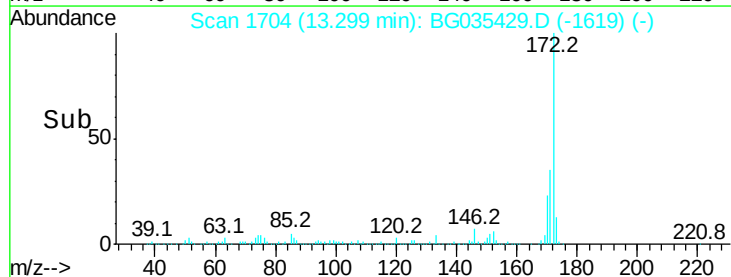
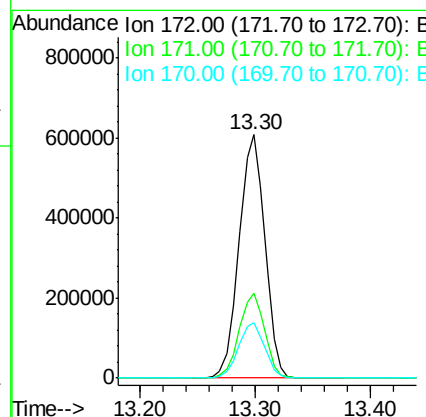
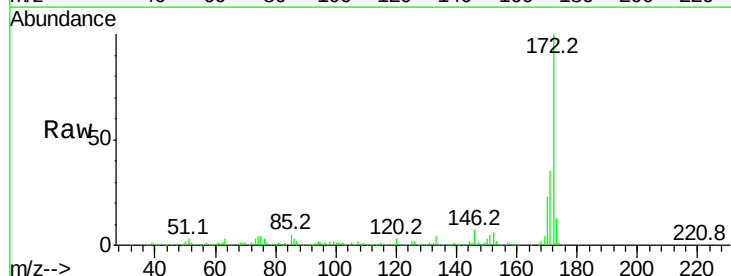
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-5(0-47)-COMP

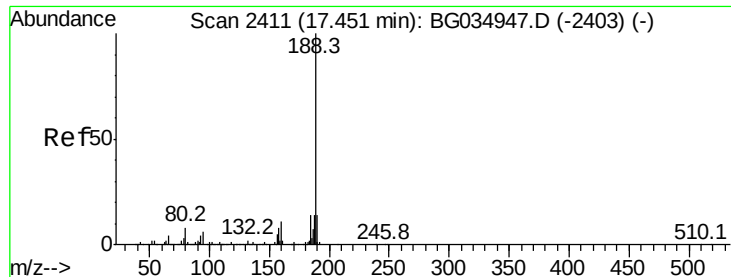
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	37.1	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 89.423 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035429.D
 Acq: 27 Jun 2018 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

Instrument :

BNA_G

ClientSampleId :

EPE-105-5(0-47)-COMP

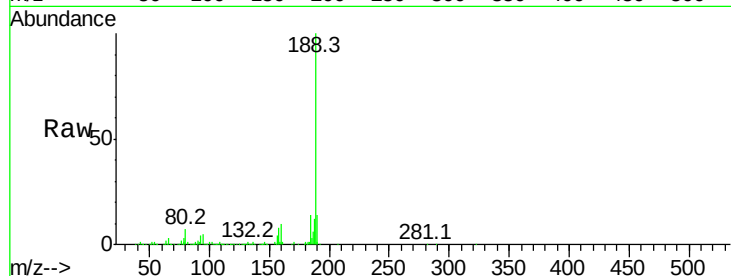
Tot Ion:188 Resp: 375972

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

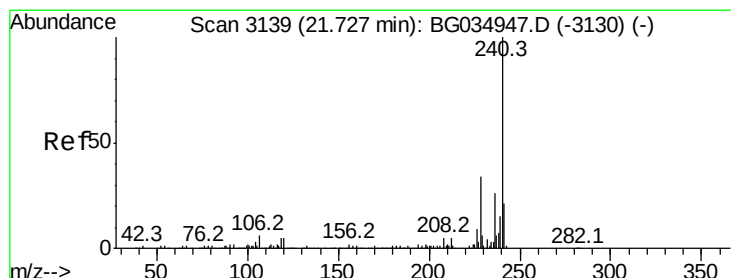
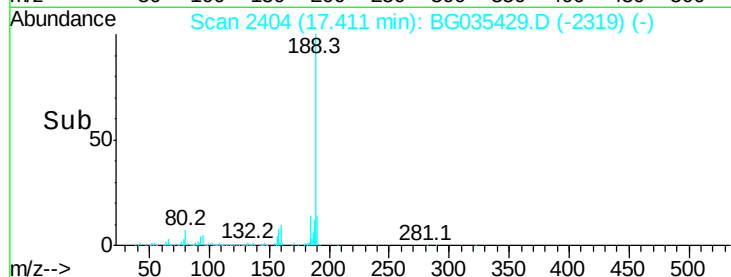
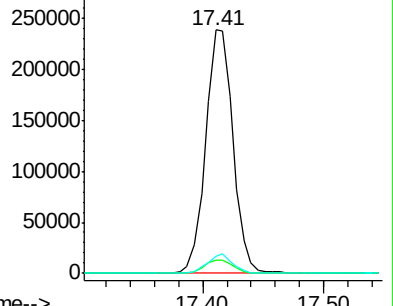
80 6.9 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

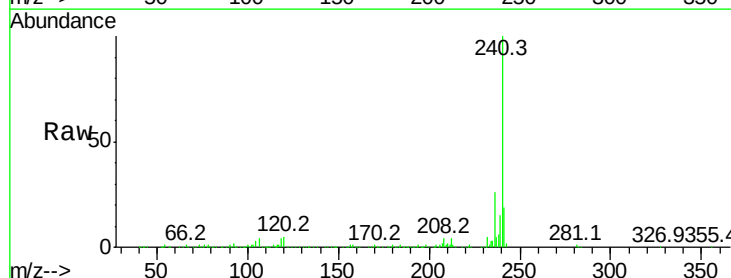
Tgt Ion:240 Resp: 404767

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

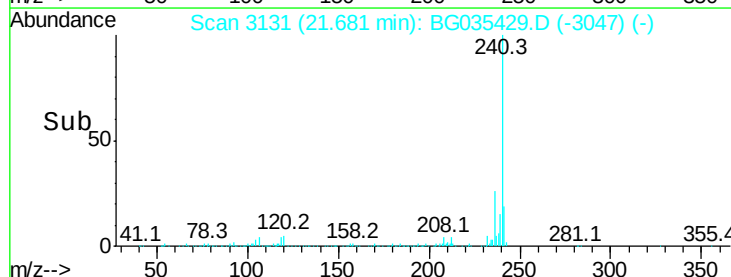
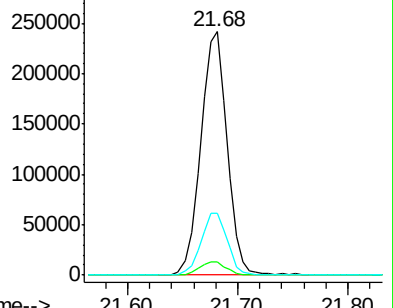
236 25.5 20.9 31.3

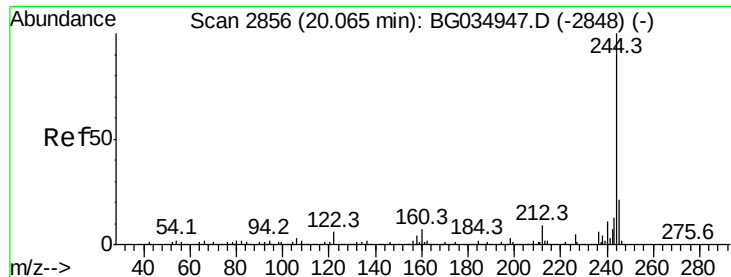


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.445 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

Instrument :

BNA_G

ClientSampleId :

EPE-105-5(0-47)-COMP

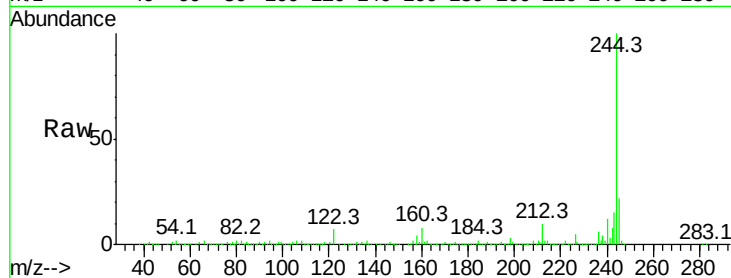
Tot Ion:244 Resp: 1825018

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

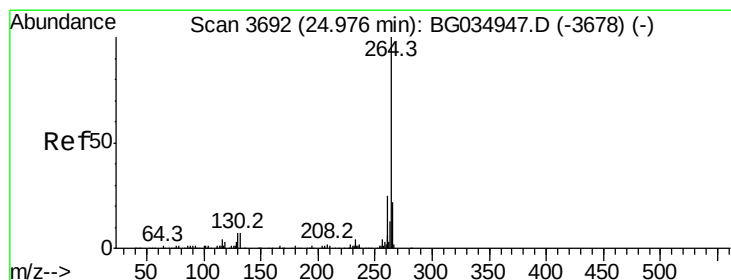
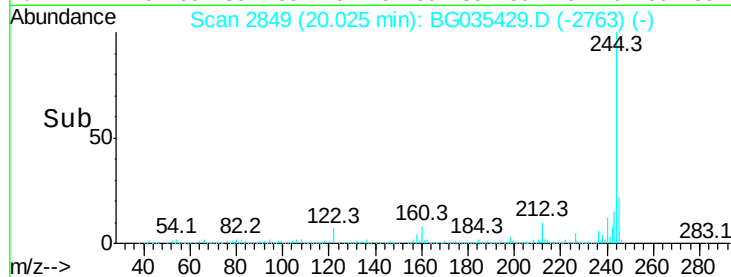
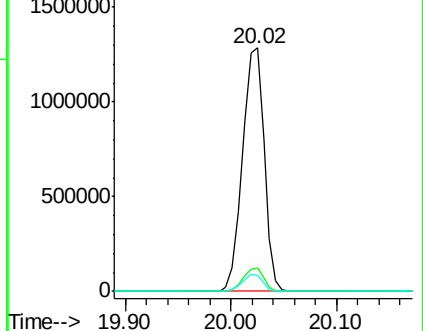
122 6.6 7.0 10.4#



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# 3677

Delta R.T. -0.06 min

Lab File: BG035429.D

Acq: 27 Jun 2018 4:02

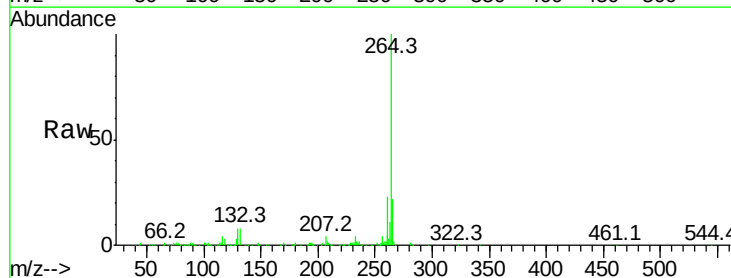
Tgt Ion:264 Resp: 372391

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.9 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

