

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035505.D
 Acq On : 29 Jun 2018 8:35
 Operator : JU/SJ
 Sample : J3719-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 062518-TIPC-F-U-S

Quant Time: Jun 29 09:41:46 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

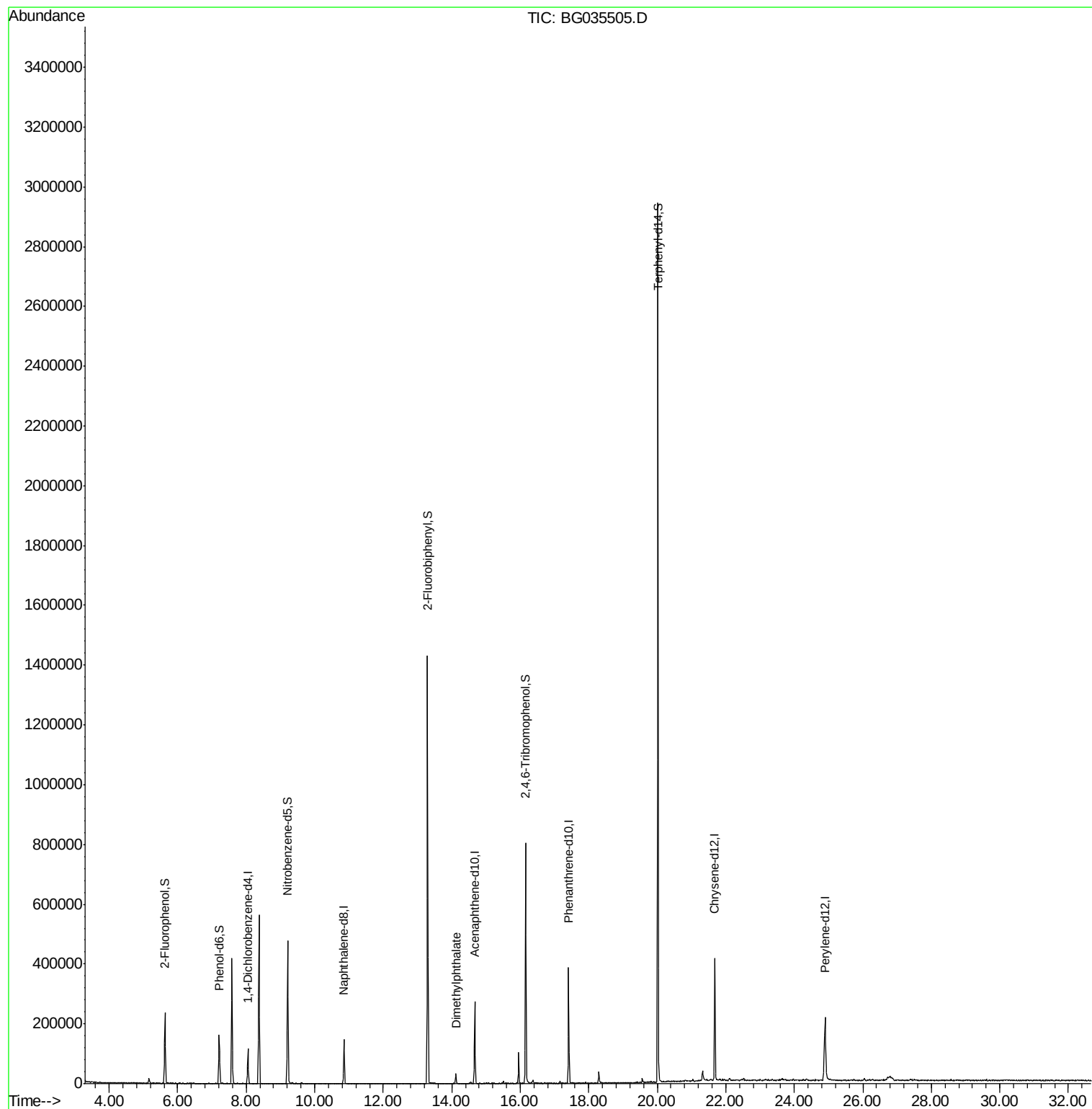
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35311	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	124113	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	90829	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	247067	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	268572	20.00	ng	-0.04
86) Perylene-d12	24.89	264	254115	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	104985	50.18	ng	-0.02
7) Phenol-d6	7.21	99	102820	33.29	ng	-0.02
23) Nitrobenzene-d5	9.21	82	328619	125.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	152458	131.12	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	795060	113.79	ng	-0.03
78) Terphenyl-d14	20.02	244	1406834	109.72	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	23452	2.961	ng	Qvalue # 97

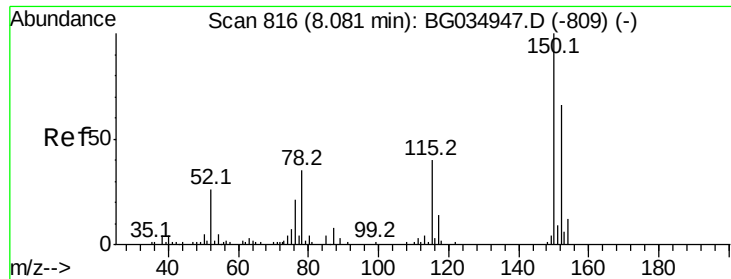
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.03 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-U-S

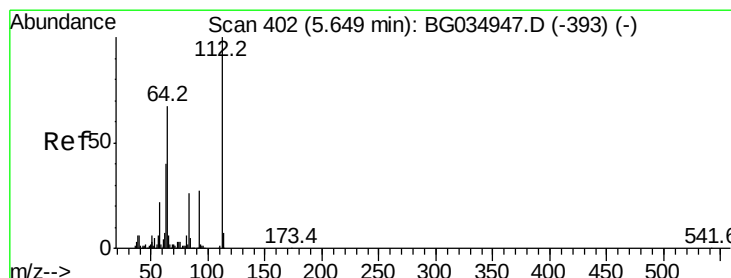
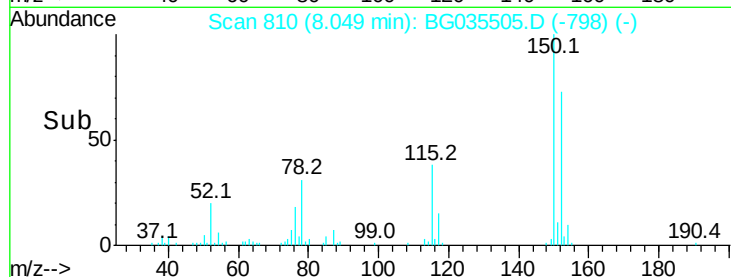
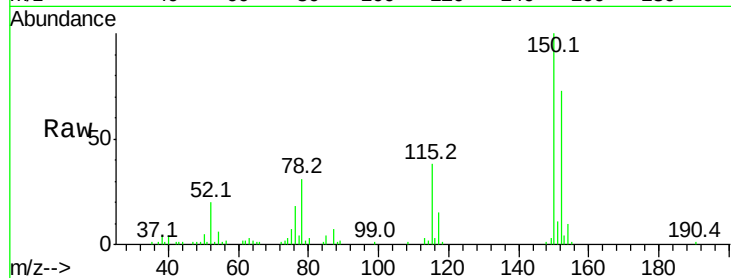
Tot Ion:152 Resp: 35311

Ion Ratio Lower Upper

152 100

150 136.3 126.6 189.8

115 52.0 53.0 79.4#



#5

2-Fluorophenol

Concen: 50.175 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

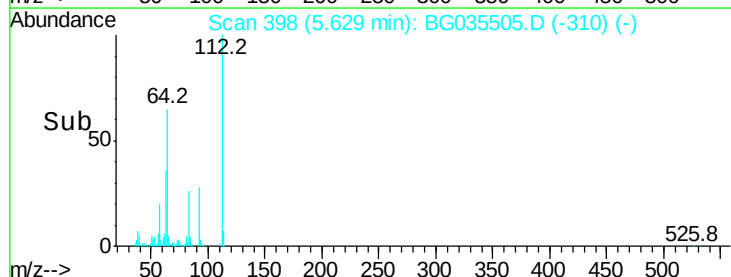
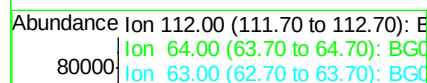
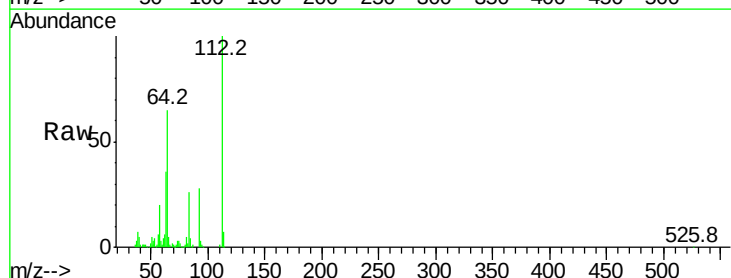
Tgt Ion:112 Resp: 104985

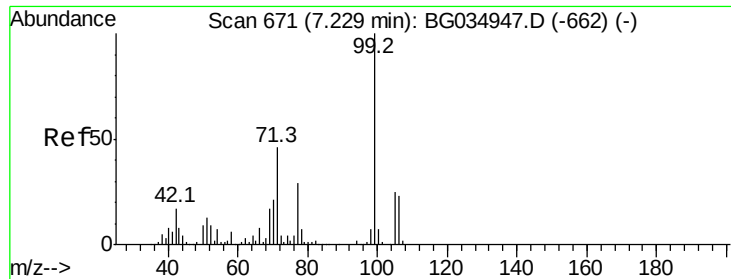
Ion Ratio Lower Upper

112 100

64 65.4 56.3 84.5

63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 33.294 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-U-S

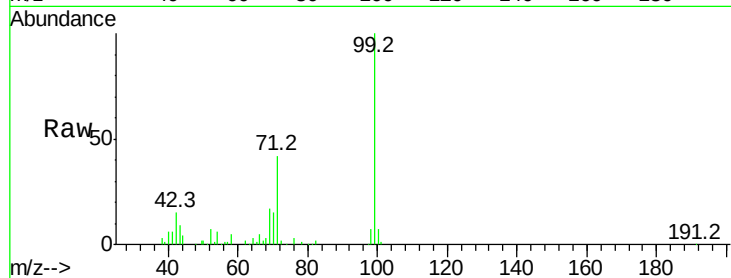
Tot Ion: 99 Resp: 102820

Ion Ratio Lower Upper

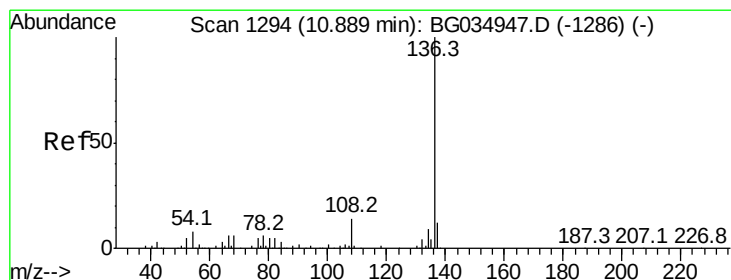
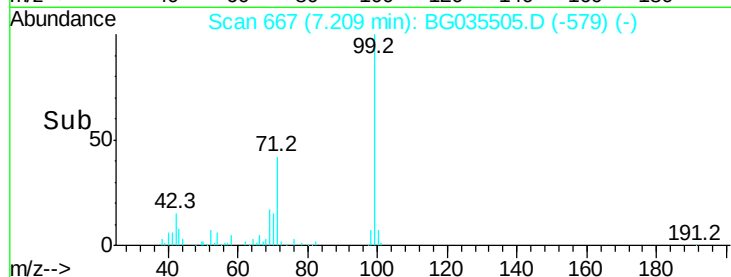
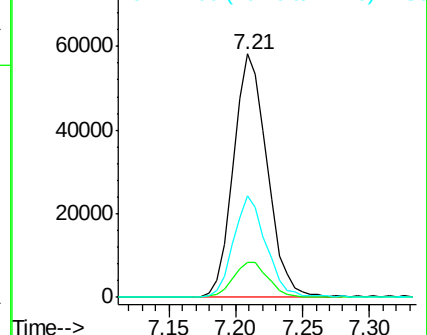
99 100

42 14.5 14.1 21.1

71 41.9 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

Tgt Ion: 136 Resp: 124113

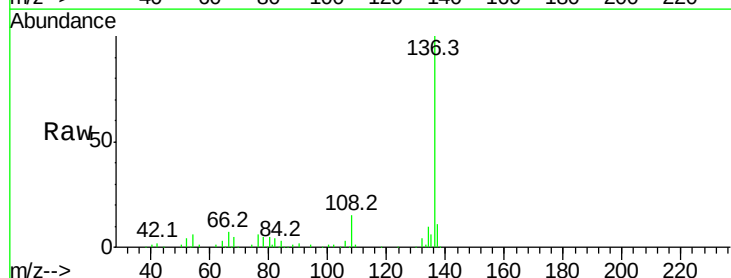
Ion Ratio Lower Upper

136 100

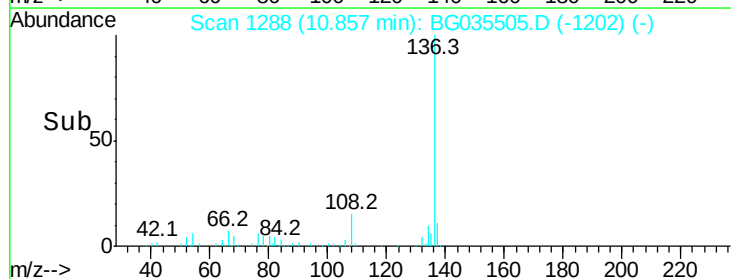
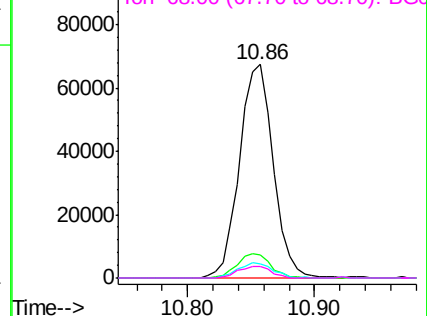
137 10.6 9.2 13.8

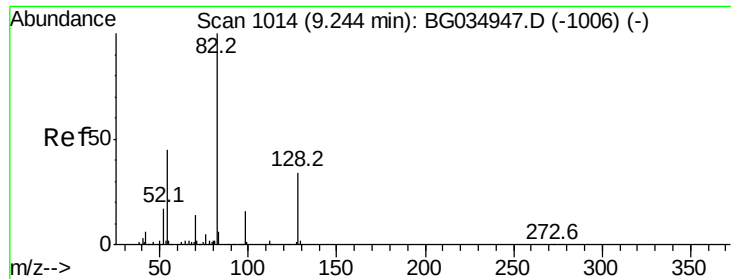
54 6.5 10.3 15.5#

68 5.4 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

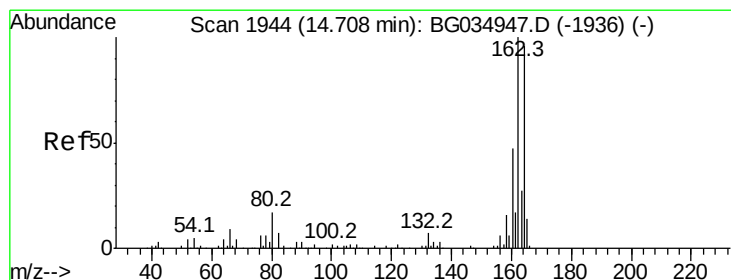
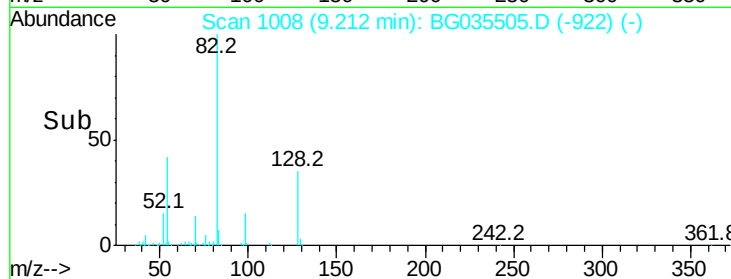
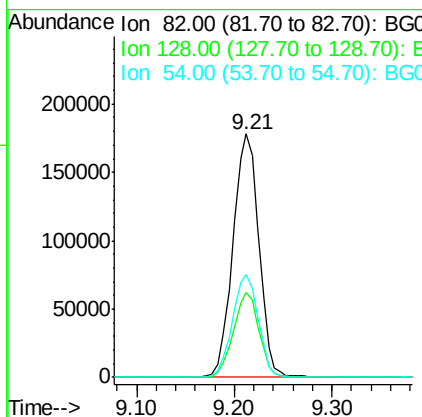
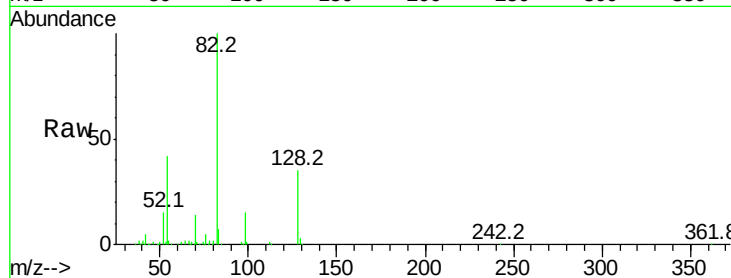




#23
Nitrobenzene-d5
Concen: 125.859 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035505.D
Acq: 29 Jun 2018 8:35

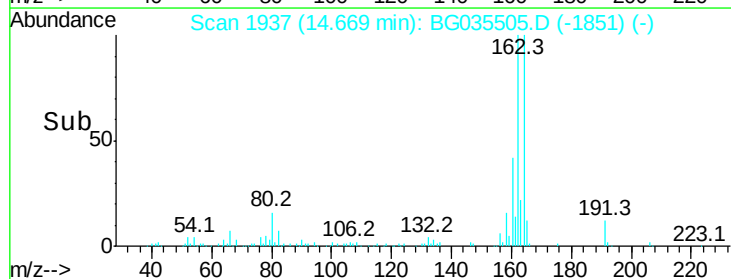
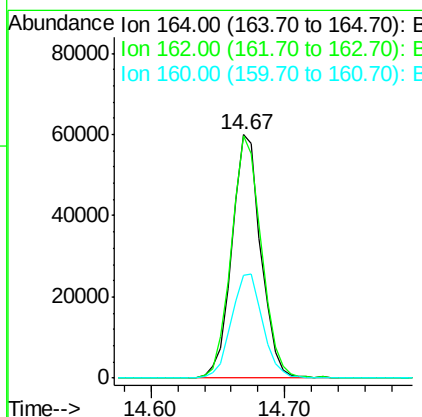
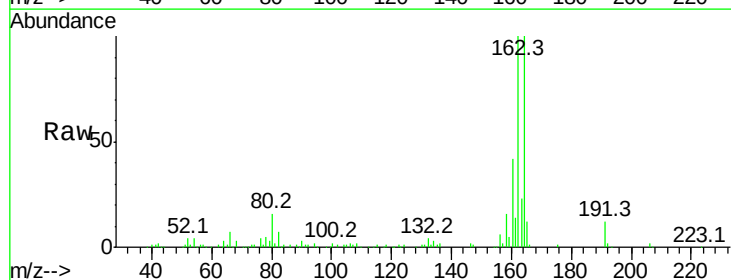
Instrument :
BNA_G
ClientSampleId :
062518-TIPC-F-U-S

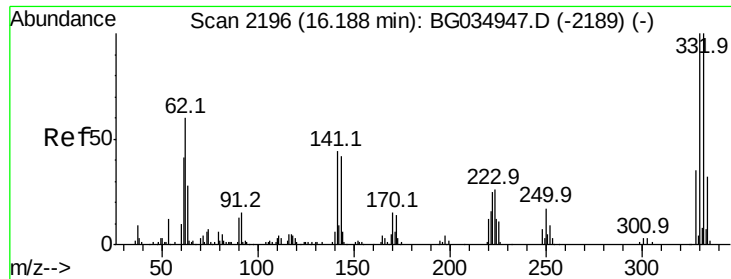
Tot Ion	82	Resp	328619
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	42.2	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BG035505.D
Acq: 29 Jun 2018 8:35

Tgt Ion	164	Resp	90829
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.8	118.2
160	42.2	35.4	53.0

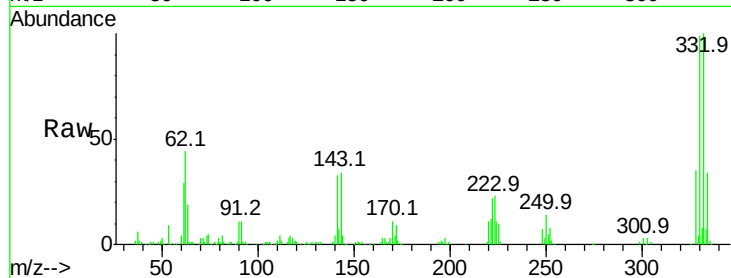




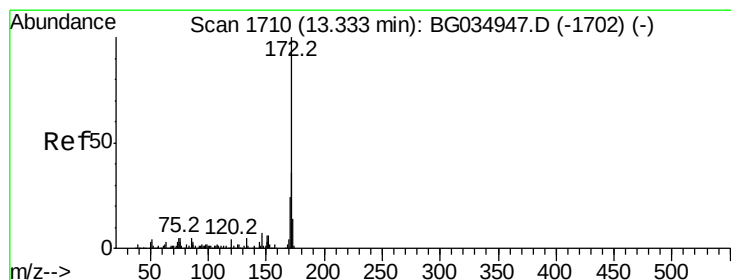
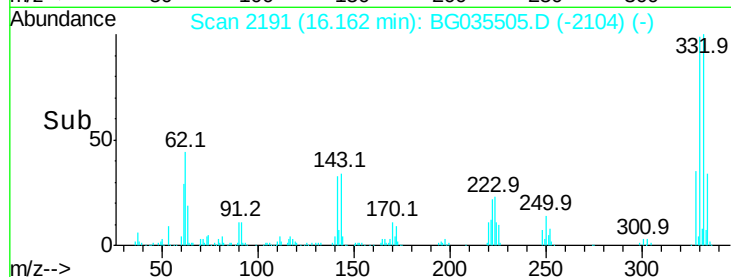
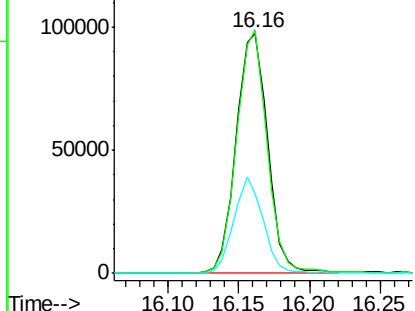
#41
 2,4,6-Tribromophenol
 Concen: 131.121 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035505.D
 Acq: 29 Jun 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :
 062518-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	37.4	25.2	37.8

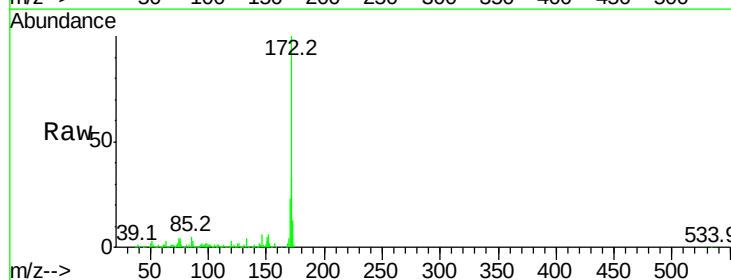


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

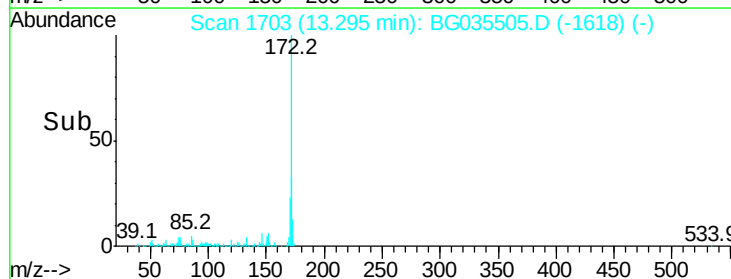
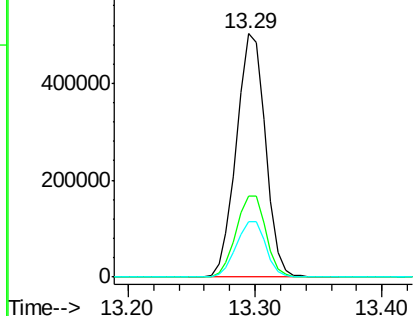


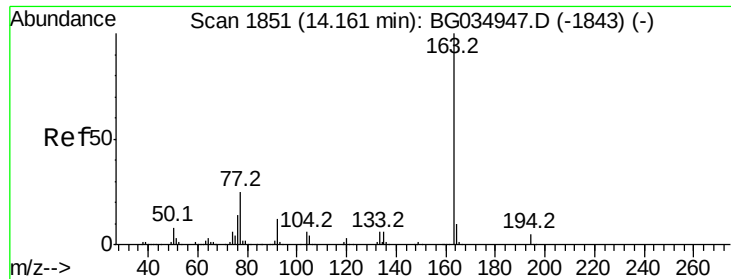
#44
 2-Fluorobiphenyl
 Concen: 113.794 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035505.D
 Acq: 29 Jun 2018 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.9	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: 2.961 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-U-S

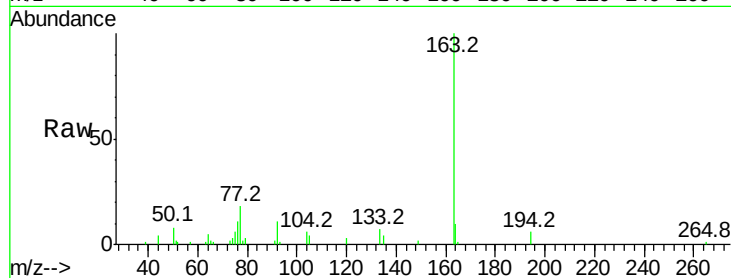
Tot Ion:163 Resp: 23452

Ion Ratio Lower Upper

163 100

194 6.2 3.4 5.2#

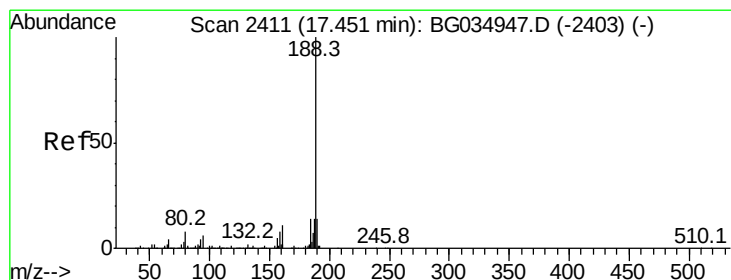
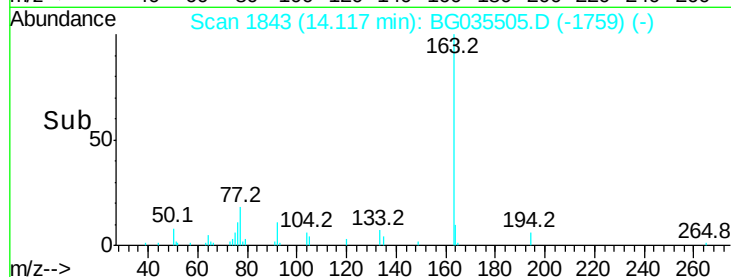
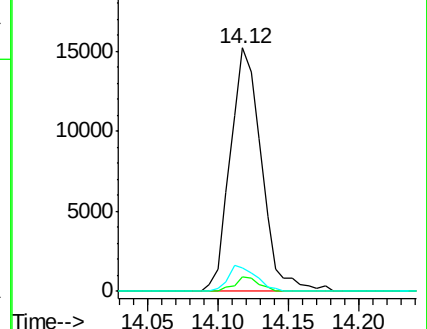
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

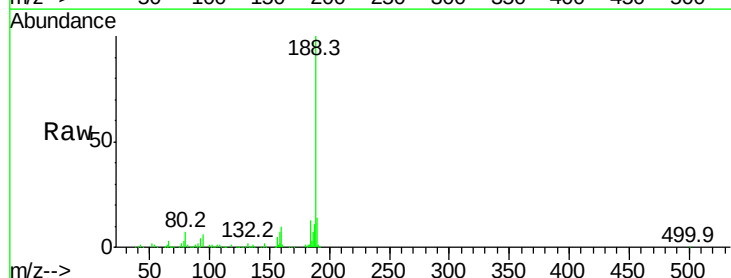
Tgt Ion:188 Resp: 247067

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

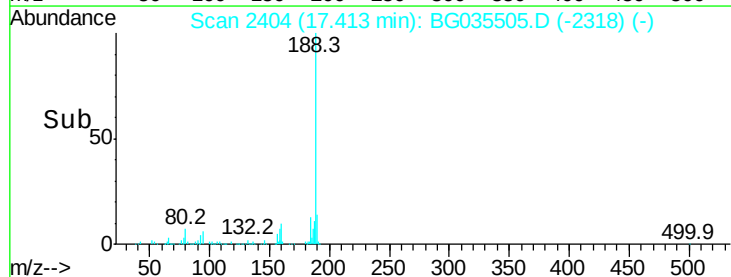
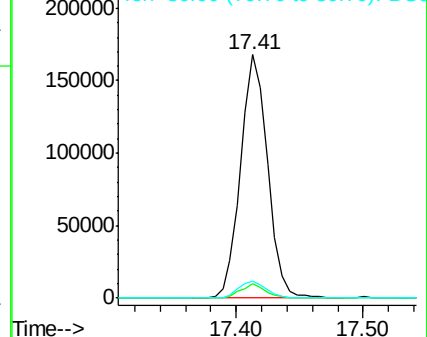
80 6.9 7.7 11.5#

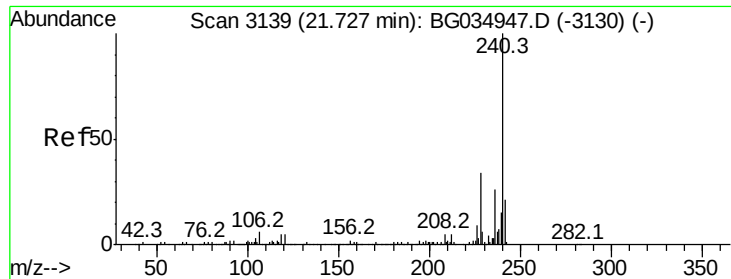


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3130

Delta R.T. -0.04 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

Instrument :

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ClientSampleId :

062518-TIPC-F-U-S

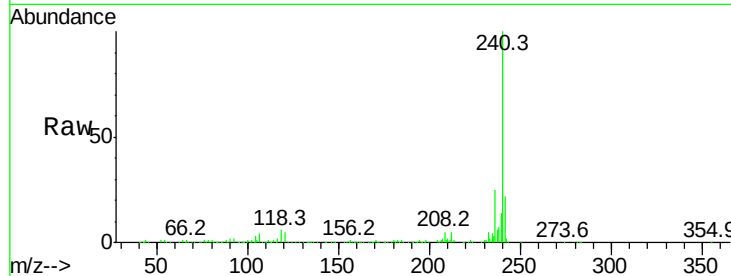
Tot Ion:240 Resp: 268572

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

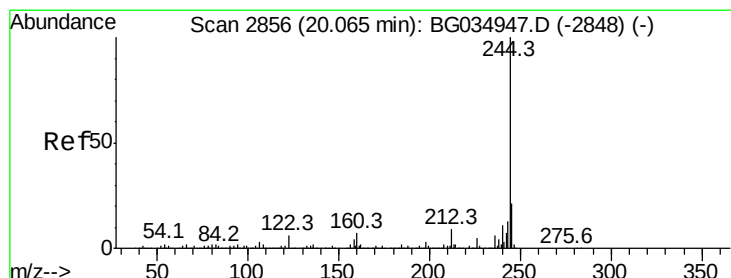
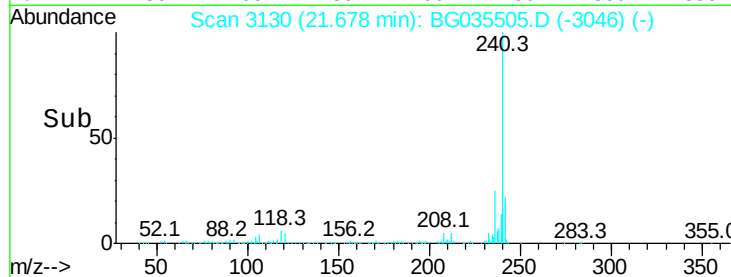
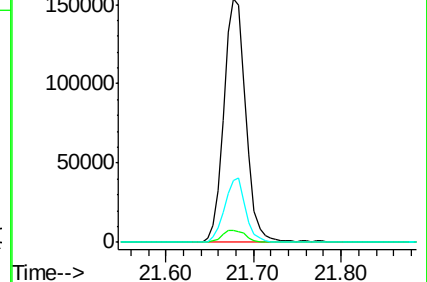
236 25.3 20.9 31.3



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: 109.723 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035505.D

Acq: 29 Jun 2018 8:35

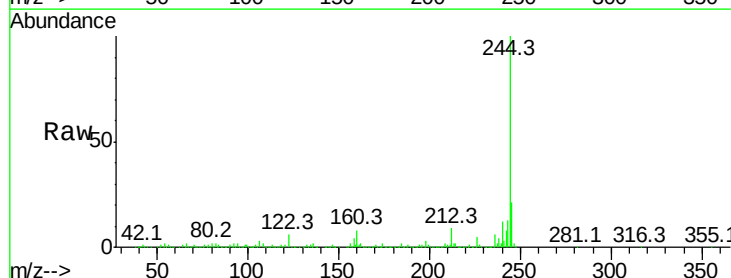
Tgt Ion:244 Resp: 1406834

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

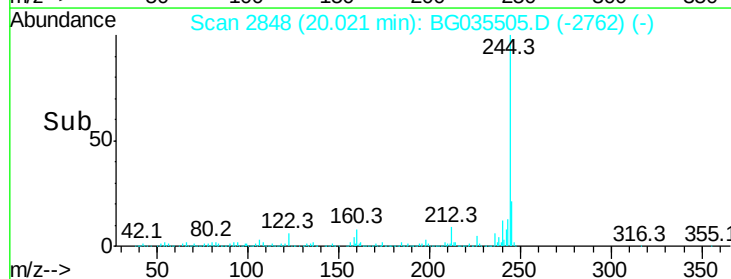
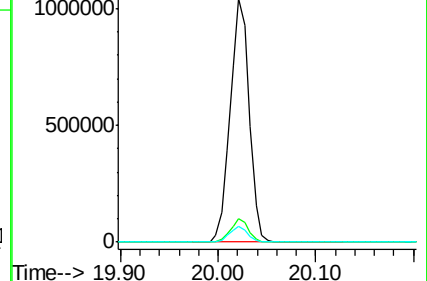
122 6.5 7.0 10.4#

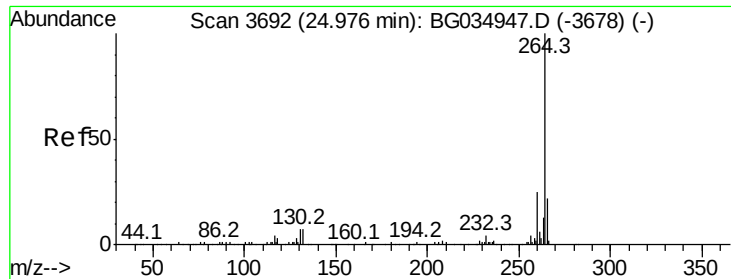


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.06 min
 Lab File: BG035505.D
 Acq: 29 Jun 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	18.9	17.7	26.5

