

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035545.D
 Acq On : 30 Jun 2018 16:47
 Operator : JU/SJ
 Sample : J3758-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 062718-TIPC-F-U-S

Quant Time: Jul 02 03:19:59 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

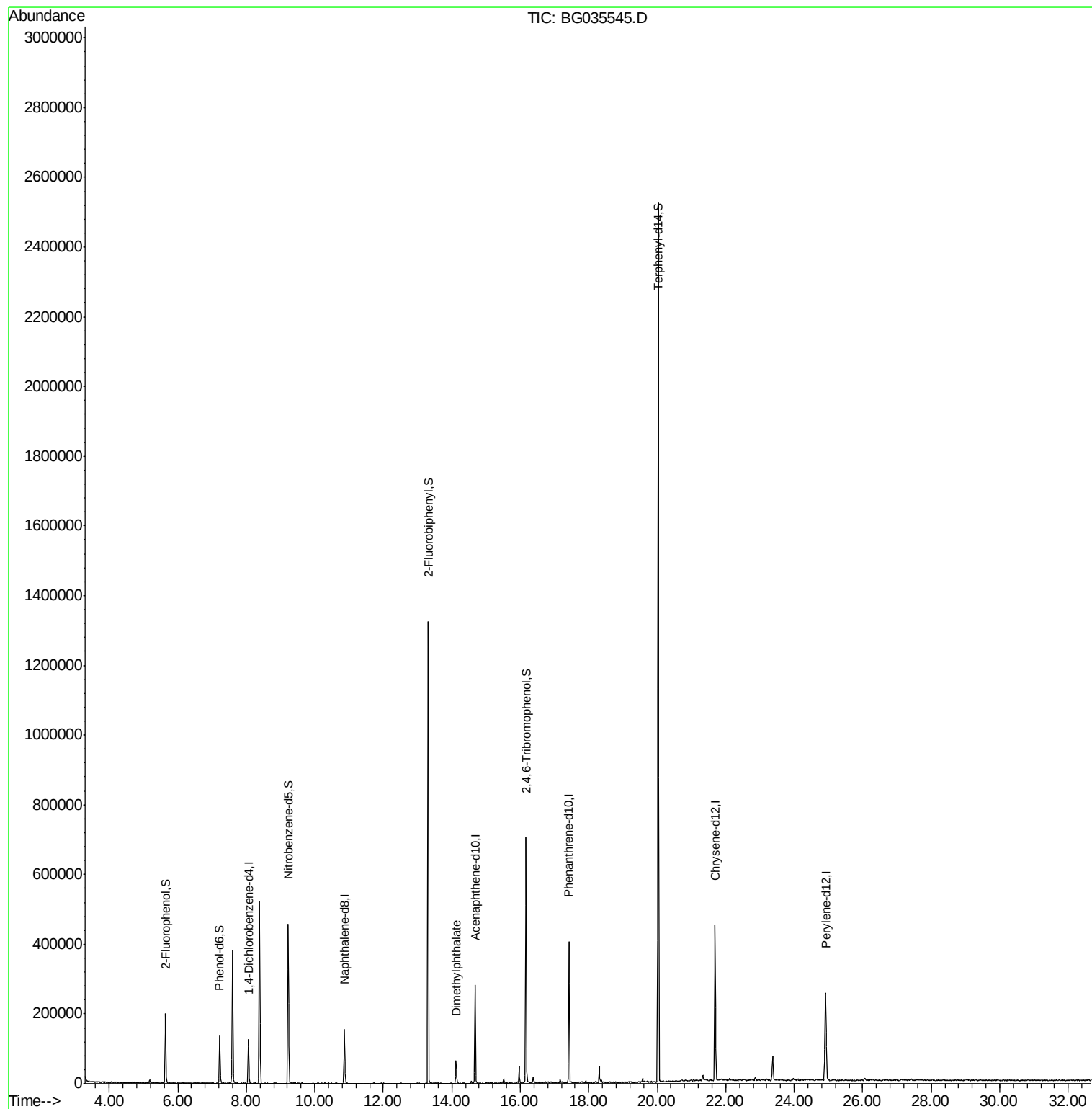
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34449	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	131266	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	99953	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	268059	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	294991	20.00	ng	-0.02
86) Perylene-d12	24.92	264	277157	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	90943	44.55	ng	0.00
7) Phenol-d6	7.22	99	81669	27.11	ng	0.00
23) Nitrobenzene-d5	9.23	82	307288	111.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	136425	106.62	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	730574	95.02	ng	-0.02
78) Terphenyl-d14	20.03	244	1212921	86.13	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	44933	5.155	ng	99

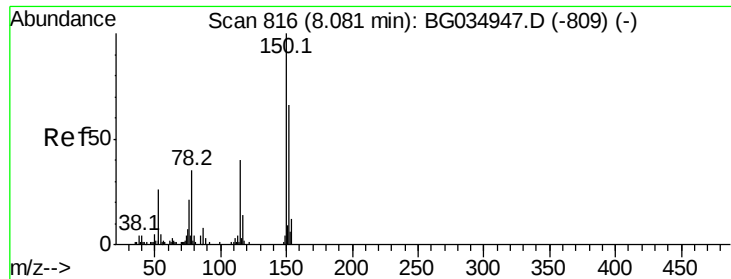
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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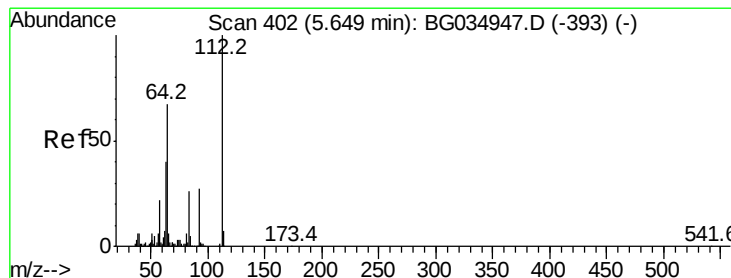
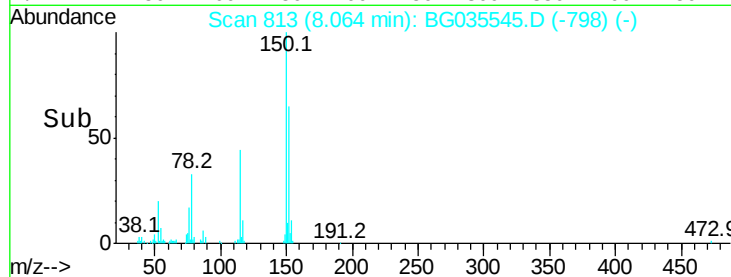
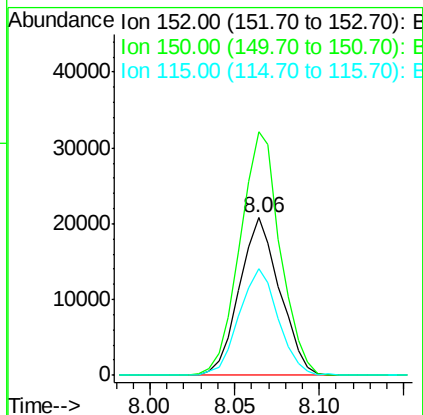
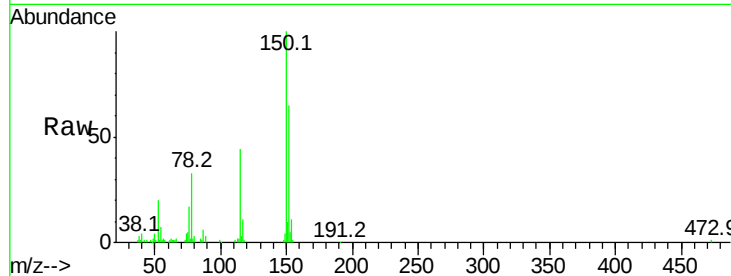


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :
062718-TIPC-F-U-S

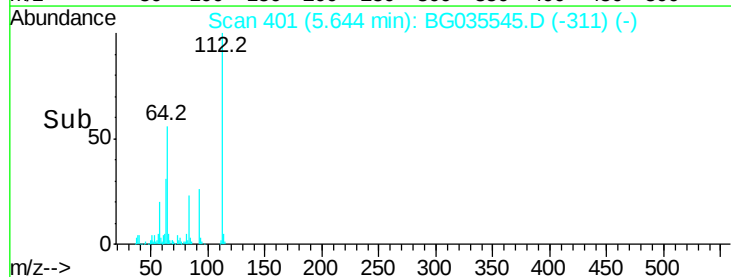
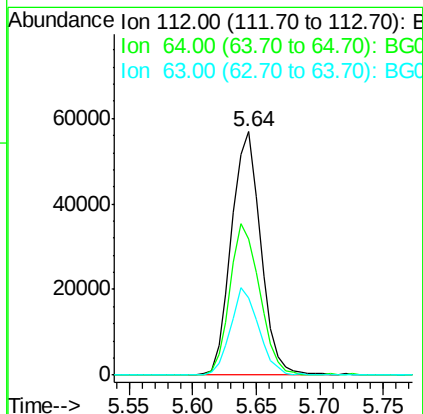
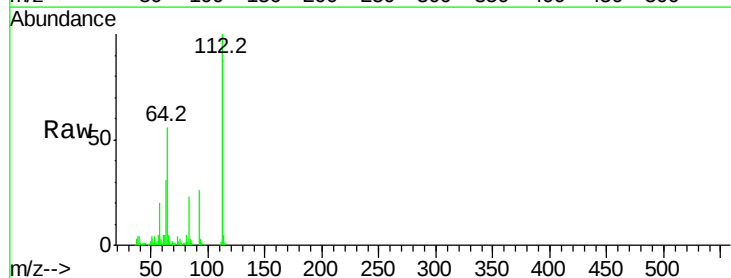
Tot Ion:152 Resp: 34449
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 68.0 53.0 79.4



#5

2-Fluorophenol
Concen: 44.552 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:112 Resp: 90943
Ion Ratio Lower Upper
112 100
64 55.6 56.3 84.5#
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 27.107 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035545.D

Acq: 30 Jun 2018 16:47

Instrument :

BNA_G

ClientSampleId :

062718-TIPC-F-U-S

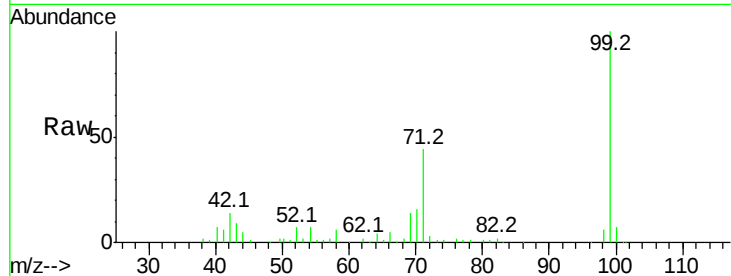
Tot Ion: 99 Resp: 81669

Ion Ratio Lower Upper

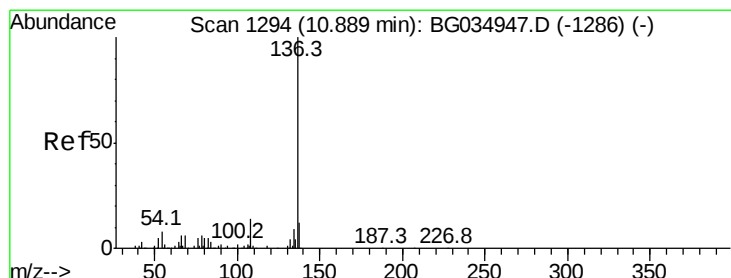
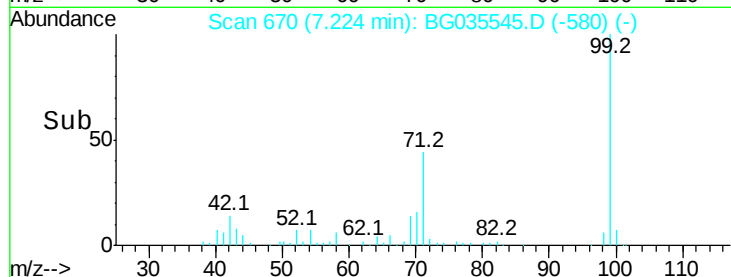
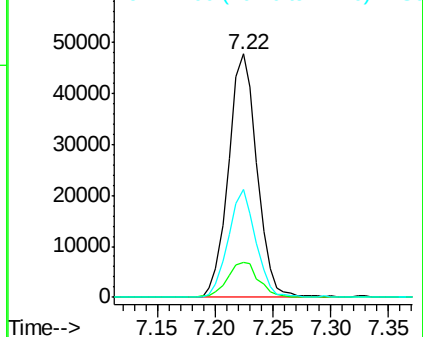
99 100

42 14.4 14.1 21.1

71 44.2 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035545.D

Acq: 30 Jun 2018 16:47

Tgt Ion: 136 Resp: 131266

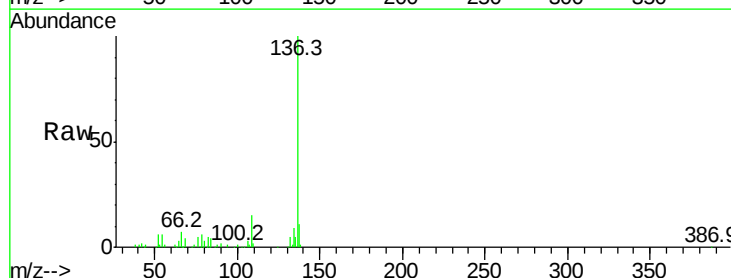
Ion Ratio Lower Upper

136 100

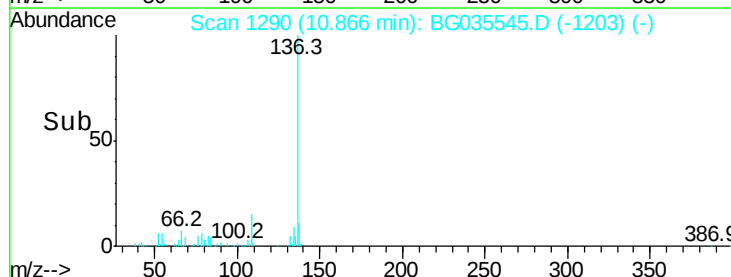
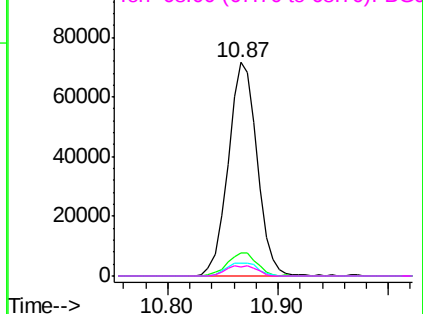
137 11.0 9.2 13.8

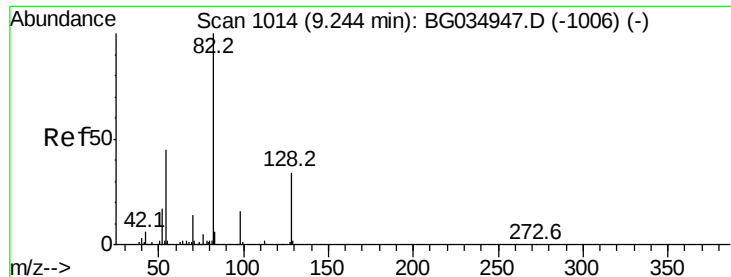
54 6.2 10.3 15.5#

68 4.4 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

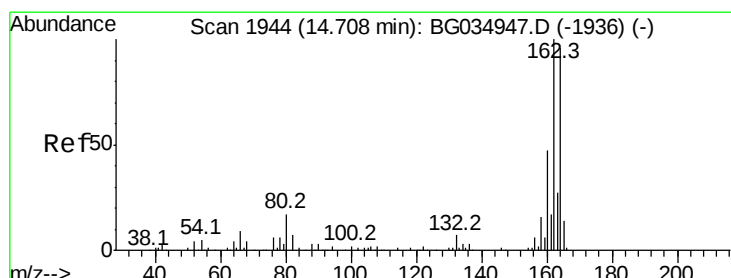
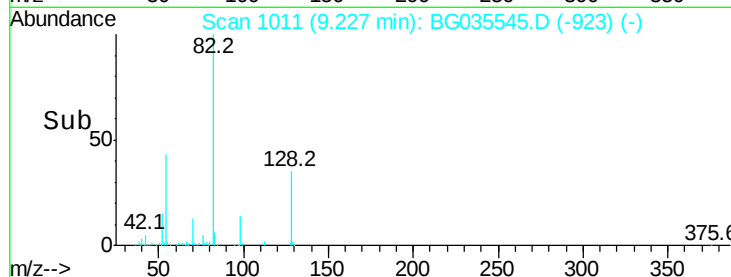
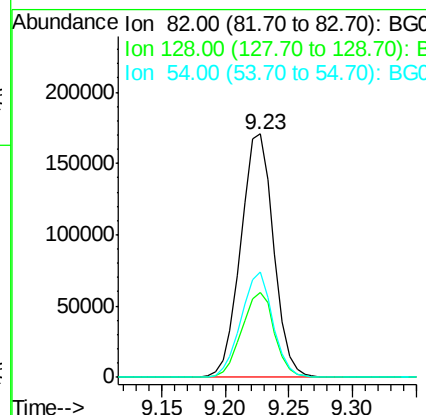
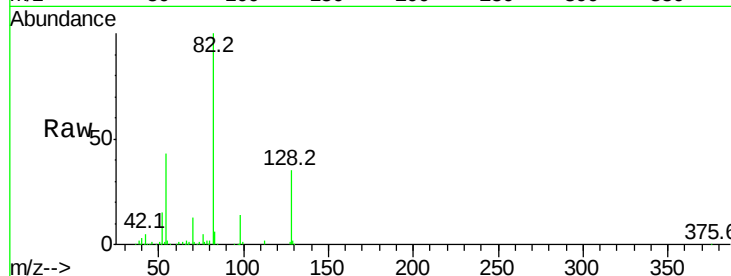




#23
 Nitrobenzene-d5
 Concen: 111.276 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

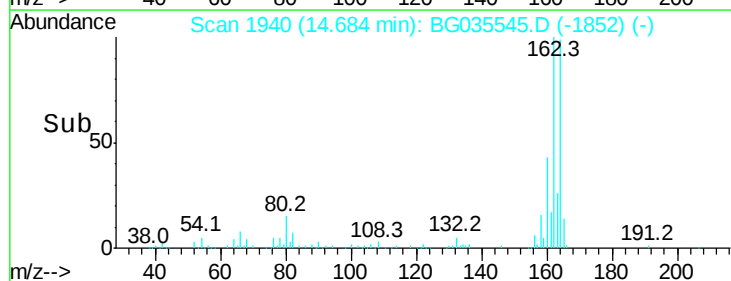
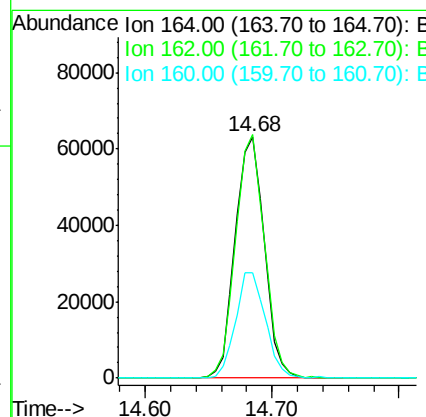
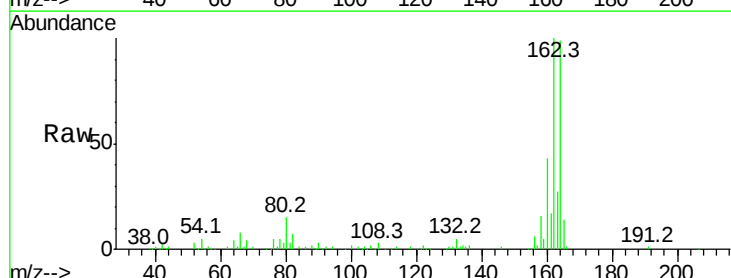
Instrument :
 BNA_G
 ClientSampleId :
 062718-TIPC-F-U-S

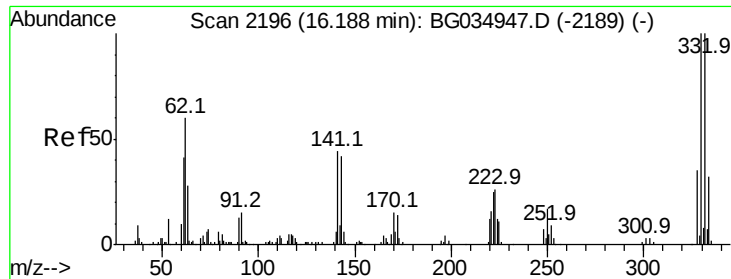
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	43.8	35.4	53.0

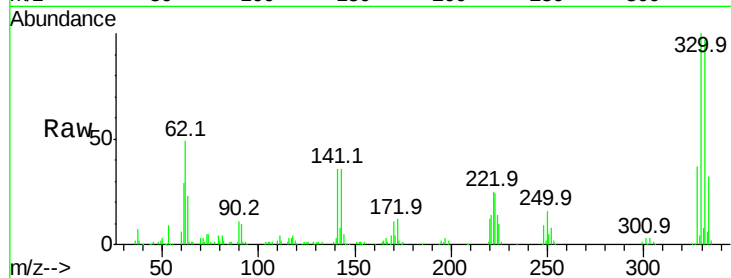




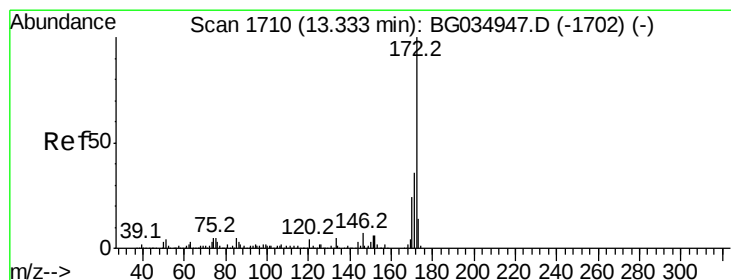
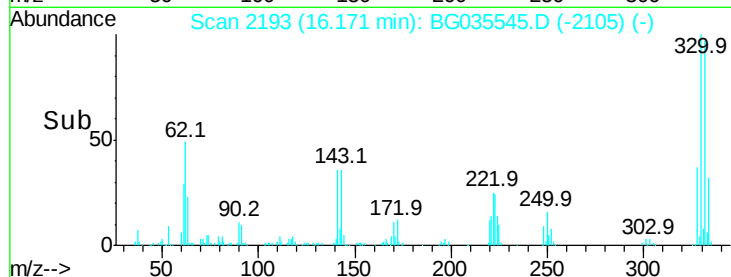
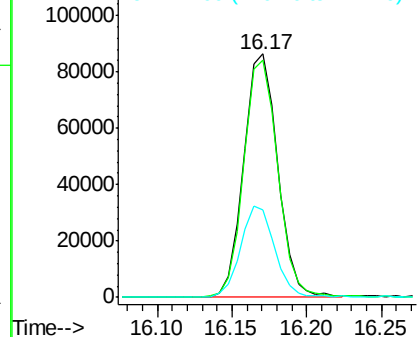
#41
 2,4,6-Tribromophenol
 Concen: 106.622 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :
 062718-TIPC-F-U-S

Tot Ion:330 Resp: 136425
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 37.5 25.2 37.8

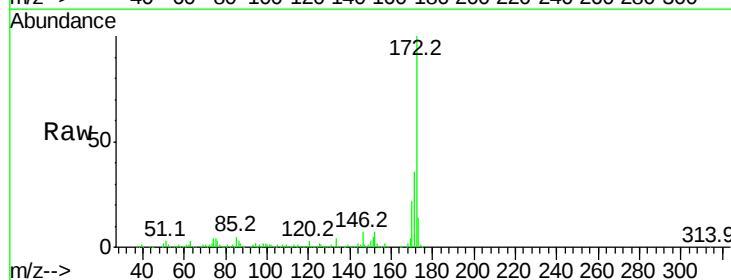


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

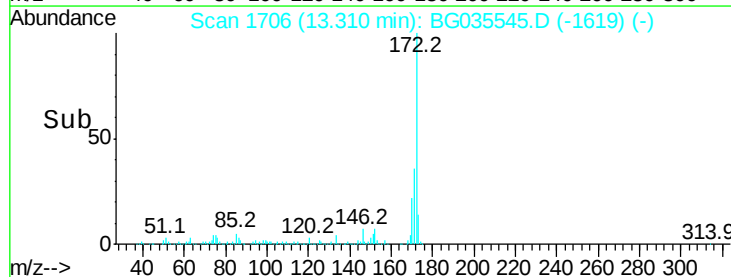
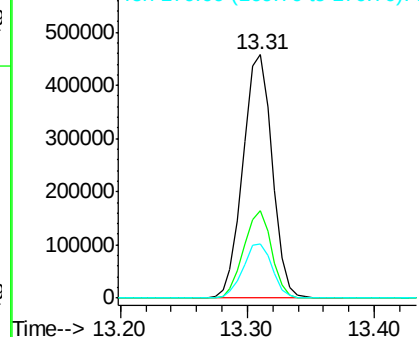


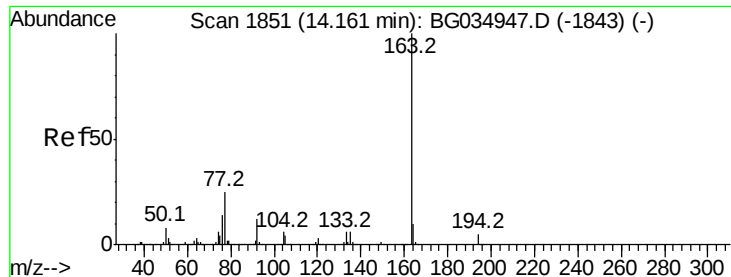
#44
 2-Fluorobiphenyl
 Concen: 95.019 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

Tgt Ion:172 Resp: 730574
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 22.4 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

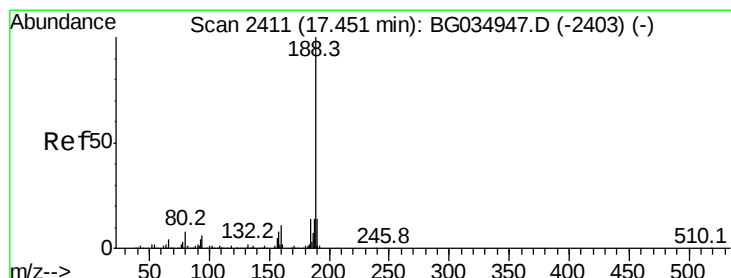
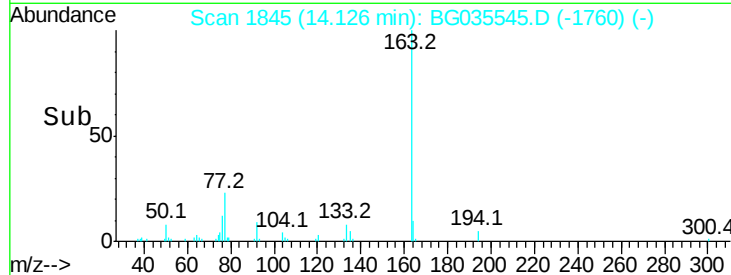
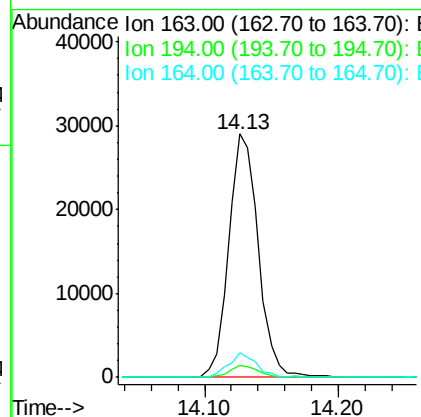
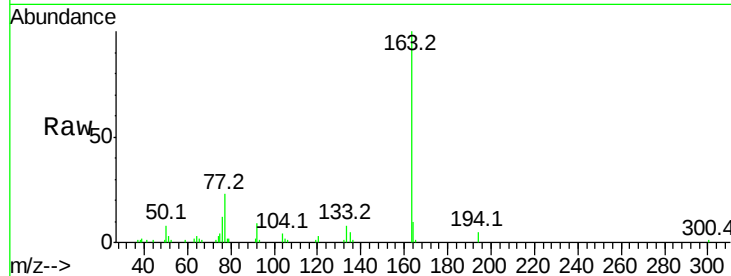




#49
 Dimethylphthalate
 Concen: 5.155 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

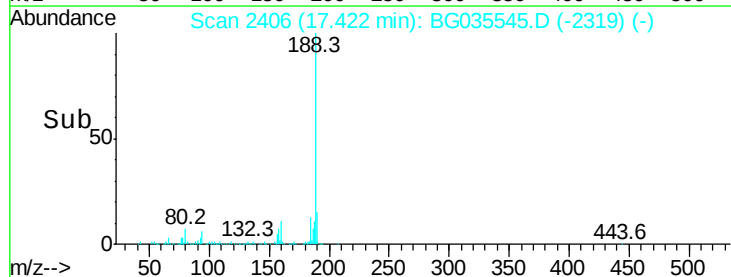
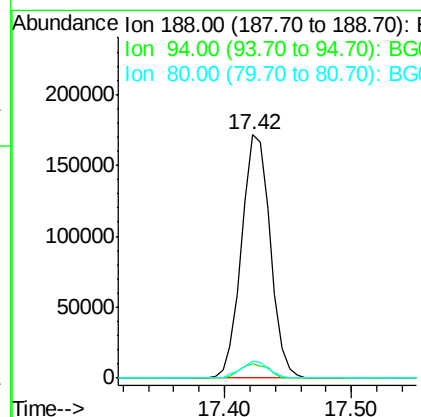
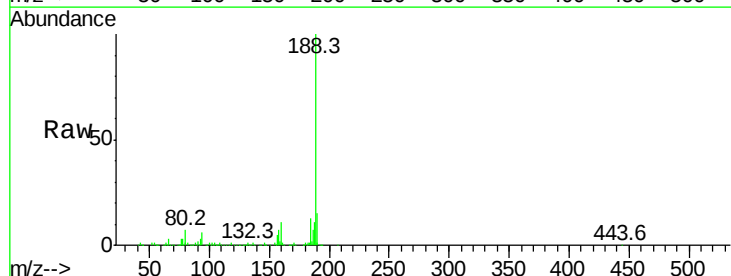
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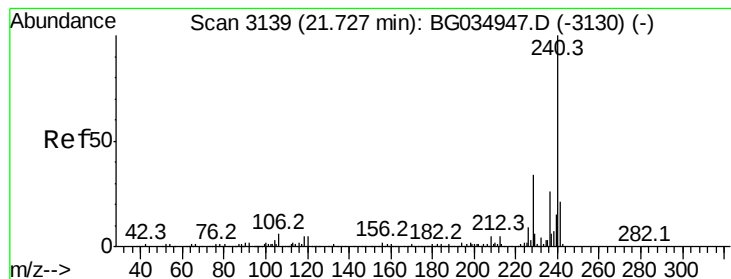
Tot Ion:163	Resp:	44933
Ion Ratio	Lower	Upper
163	100	
194	4.9	3.4 5.2
164	10.1	8.2 12.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035545.D
 Acq: 30 Jun 2018 16:47

Tgt Ion:188	Resp:	268059
Ion Ratio	Lower	Upper
188	100	
94	5.9	6.9 10.3#
80	7.1	7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035545.D

Acq: 30 Jun 2018 16:47

Instrument :

BNA_G

ClientSampleId :

062718-TIPC-F-U-S

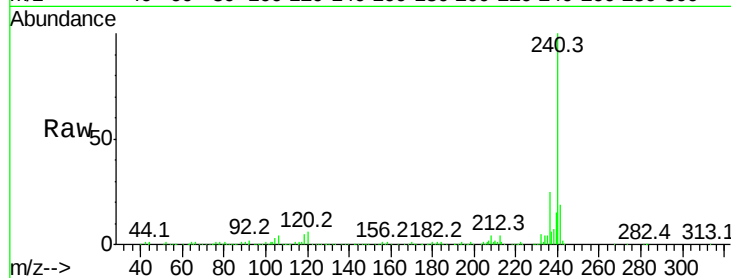
Tot Ion:240 Resp: 294991

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

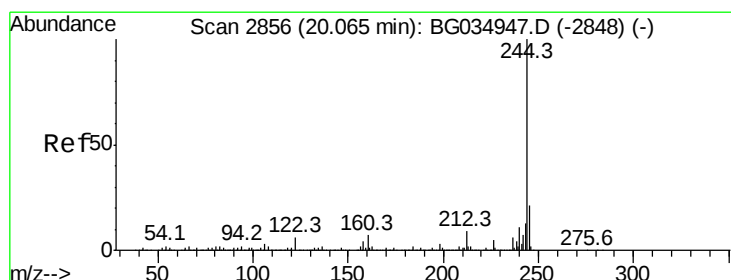
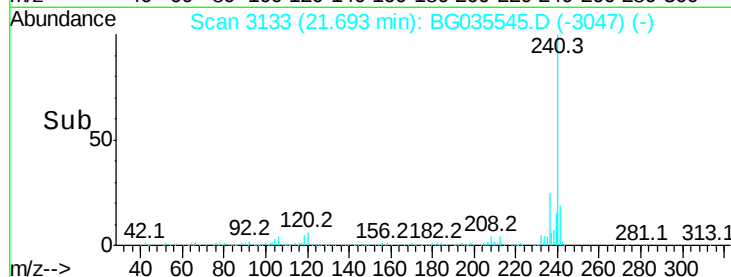
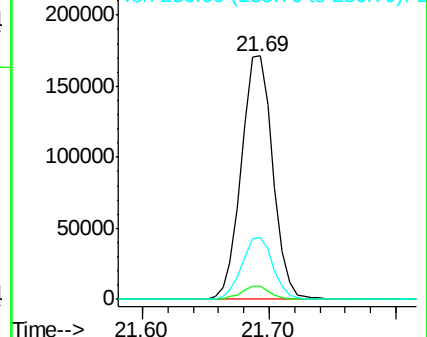
236 25.4 20.9 31.3



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: 86.127 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035545.D

Acq: 30 Jun 2018 16:47

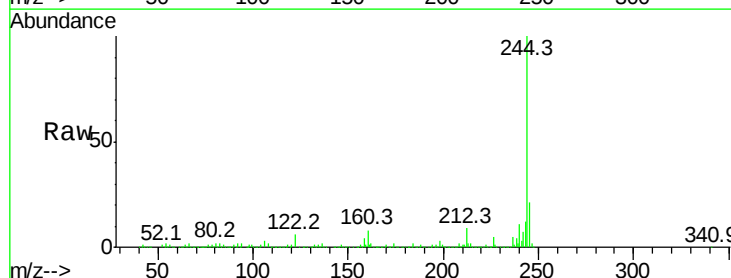
Tgt Ion:244 Resp: 1212921

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

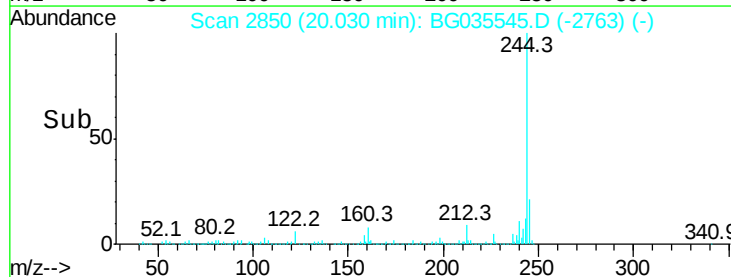
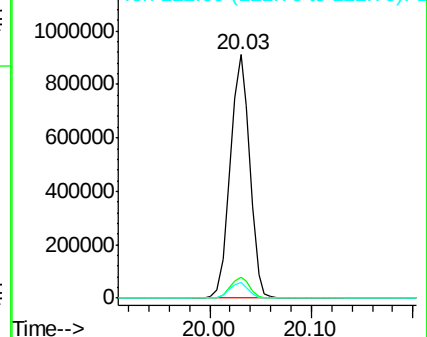
122 6.3 7.0 10.4#

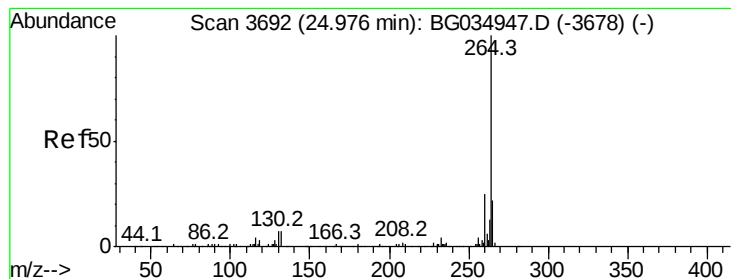


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035545.D

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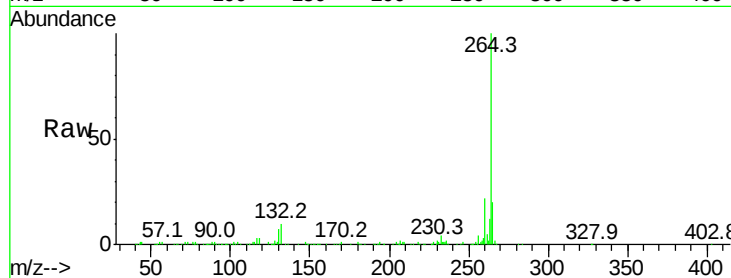
Tot Ion:264 Resp: 277157

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.2 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

