

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034012.D
 Acq On : 26 Apr 2018 7:55
 Operator : SJ/JU
 Sample : J2158-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042418

Quant Time: Apr 26 15:11:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

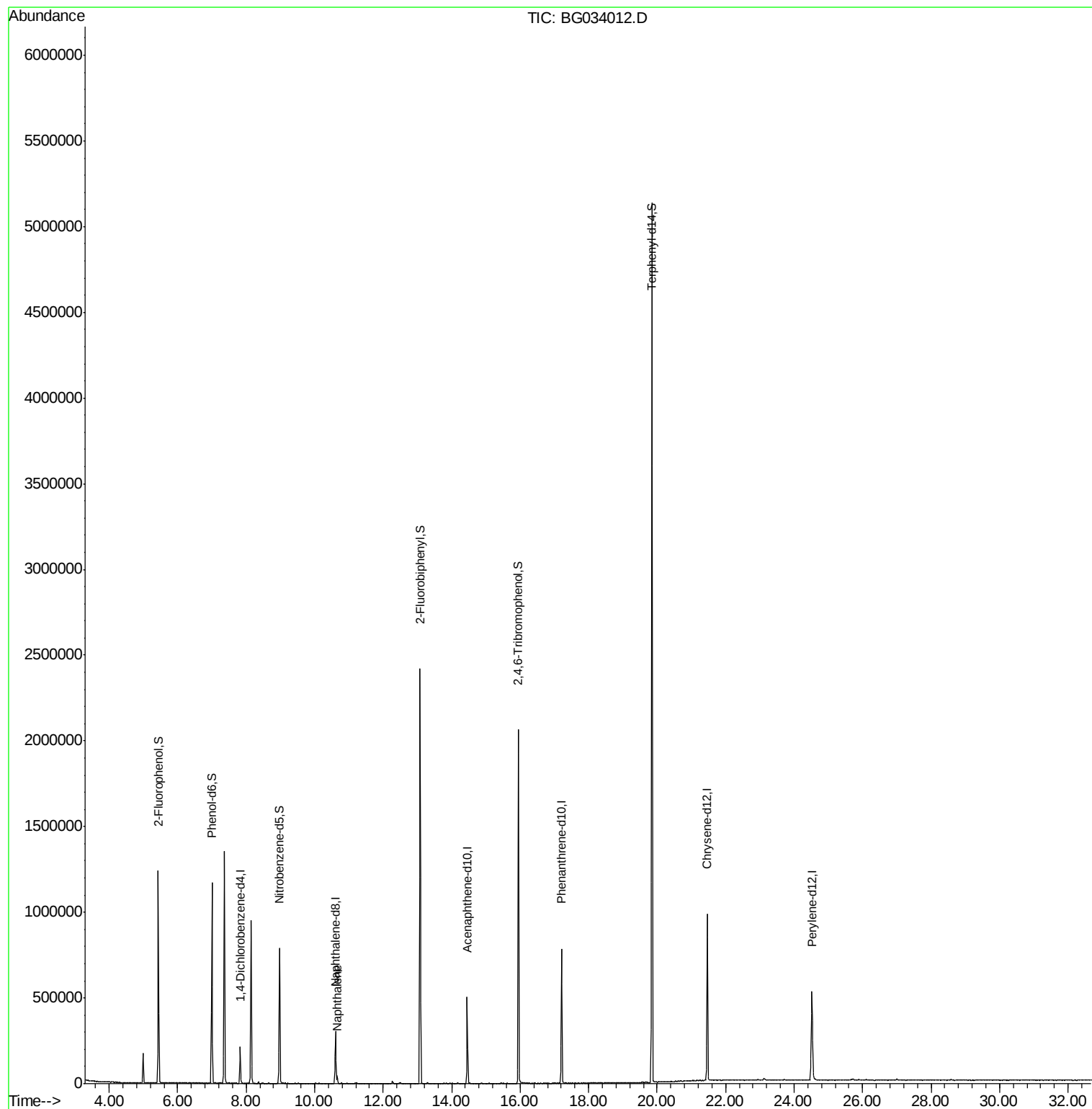
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	58989	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	264515	20.00	ng	-0.02
38) Acenaphthene-d10	14.45	164	183716	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	500081	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	554983	20.00	ng	-0.03
86) Perylene-d12	24.52	264	549390	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	522686	141.46	ng	0.00
7) Phenol-d6	7.00	99	650796	120.76	ng	0.00
23) Nitrobenzene-d5	8.97	82	480768	103.44	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	383607	178.98	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1242056	99.32	ng	-0.02
78) Terphenyl-d14	19.85	244	2386284	96.60	ng	-0.02
Target Compounds						
31) Naphthalene	10.66	128	37989	2.793	ng	Qvalue 99

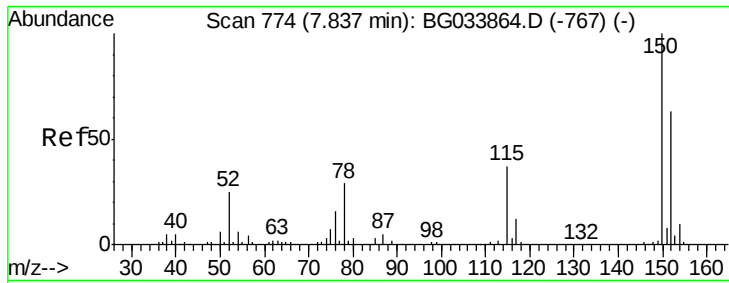
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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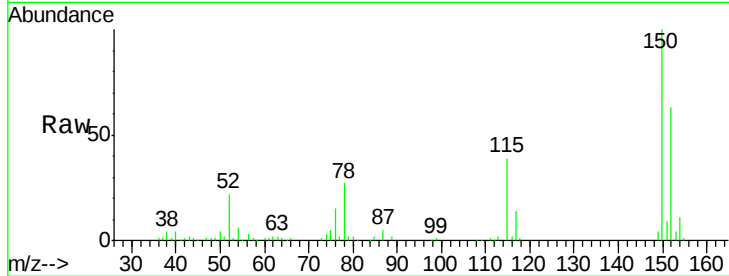


#1

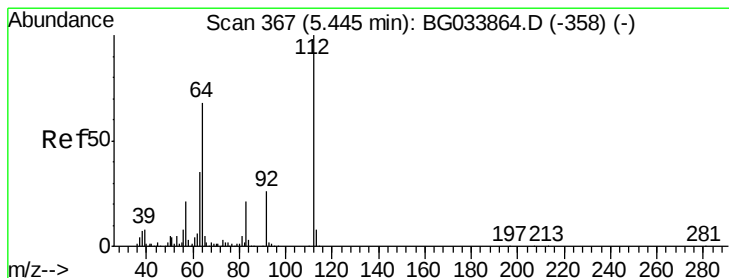
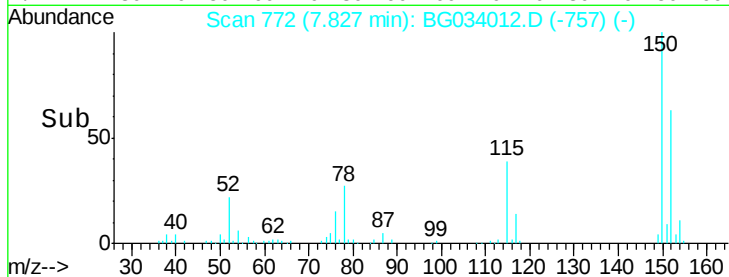
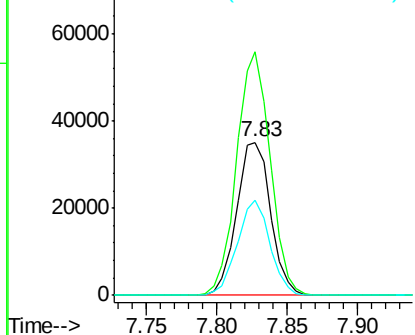
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :
OK-01-042418

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	62.0	53.0	79.4



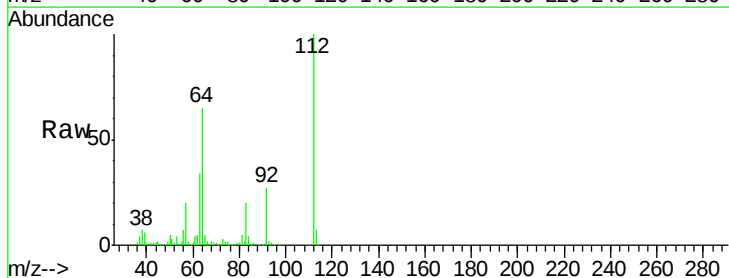
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



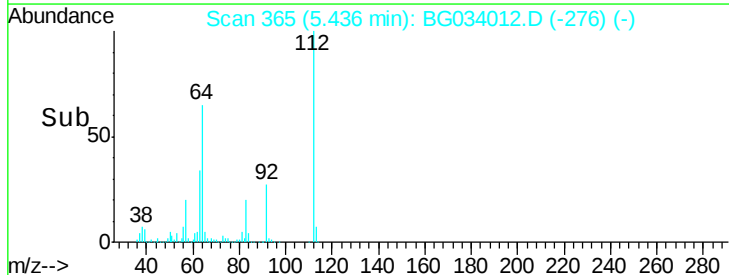
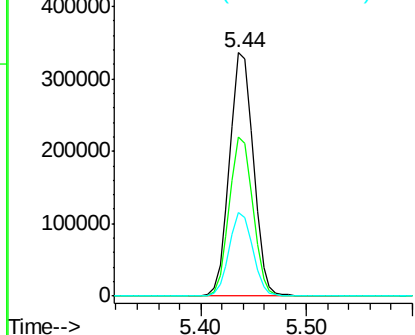
#5

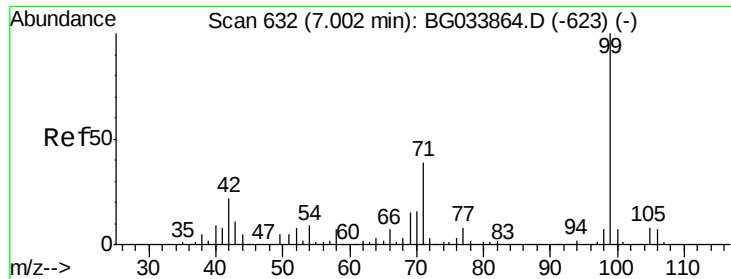
2-Fluorophenol
Concen: 141.465 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	34.2	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: 120.761 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

OK-01-042418

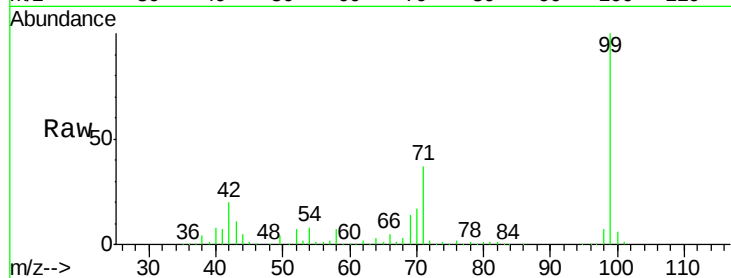
Tot Ion: 99 Resp: 650796

Ion Ratio Lower Upper

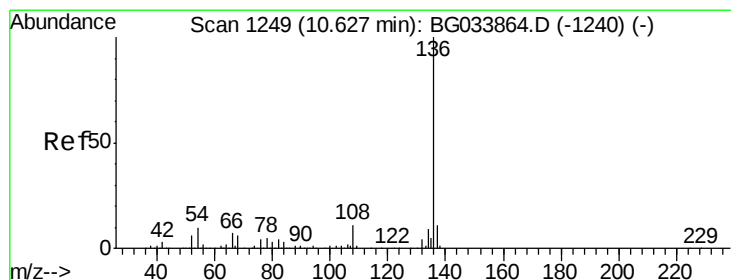
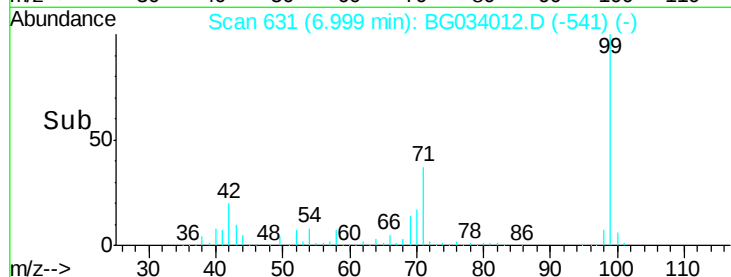
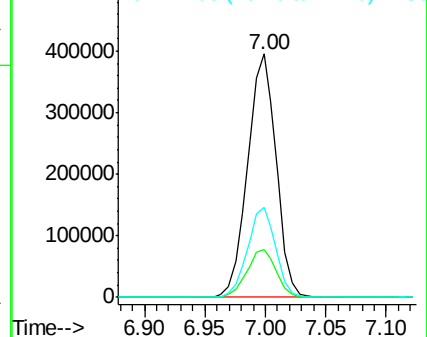
99 100

42 19.8 14.1 21.1

71 36.9 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: 10.61 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

Tgt Ion: 136 Resp: 264515

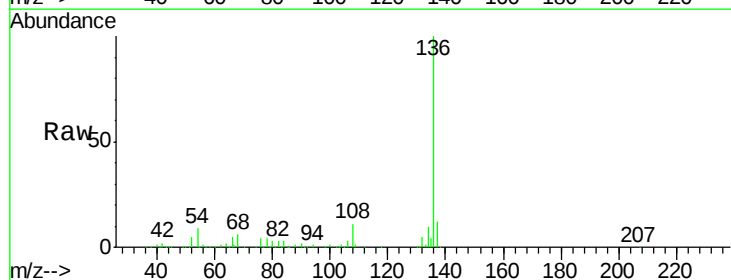
Ion Ratio Lower Upper

136 100

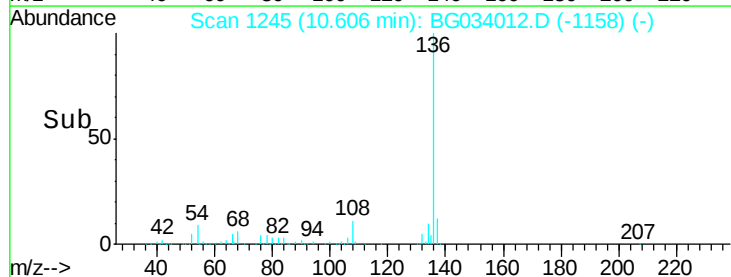
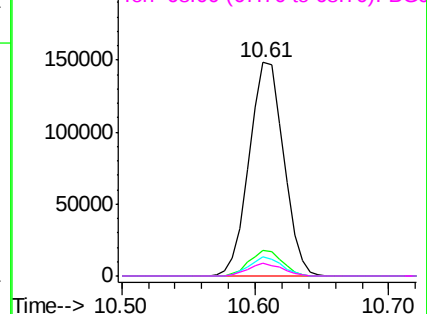
137 12.1 9.2 13.8

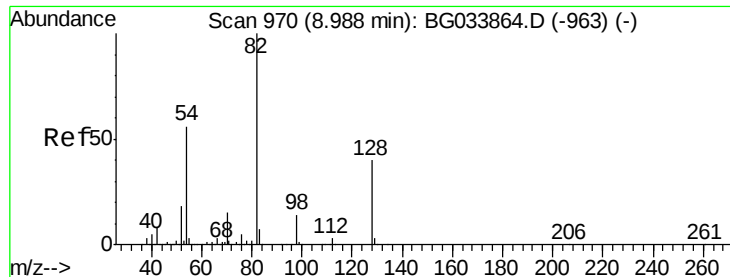
54 8.7 10.3 15.5#

68 5.8 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

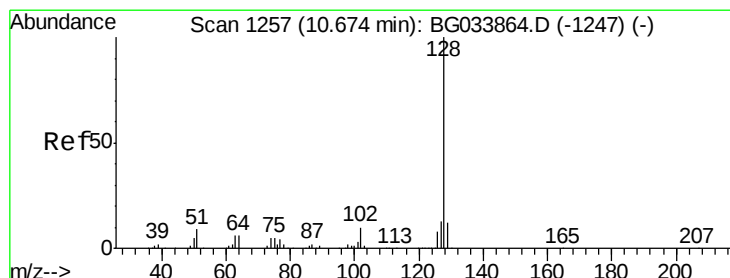
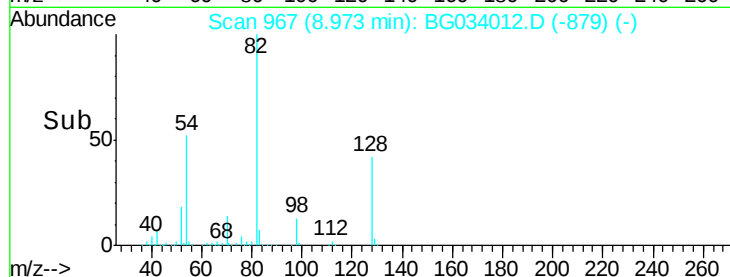
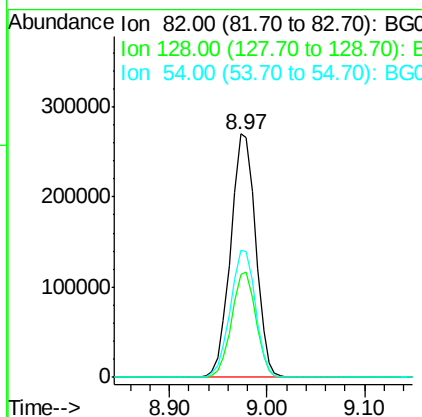
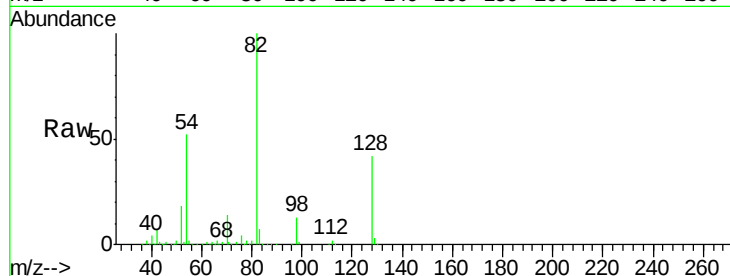




#23
 Nitrobenzene-d5
 Concen: 103.436 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034012.D
 Acq: 26 Apr 2018 7:55

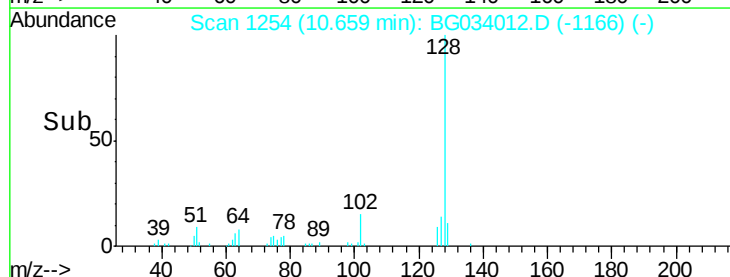
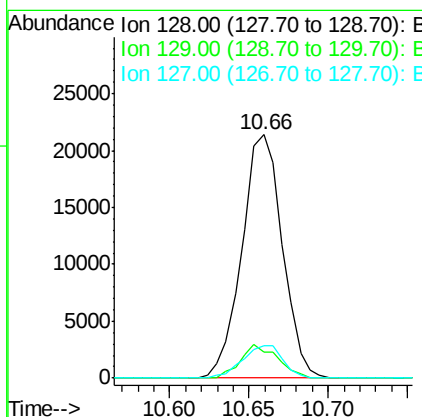
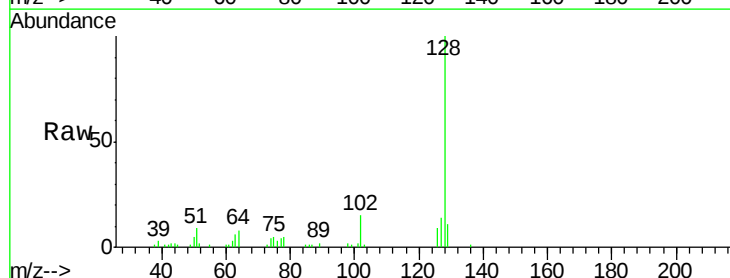
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042418

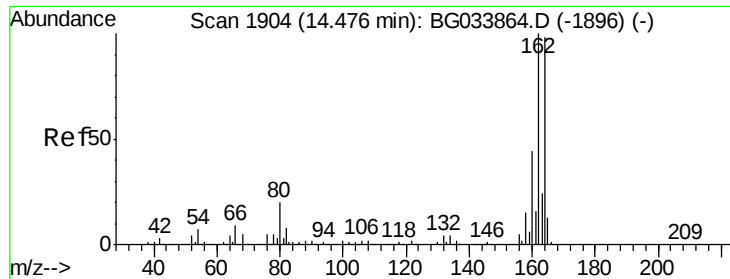
Tot Ion	82	Resp	480768
Ion Ratio	100	Lower	Upper
128	42.3	29.7	44.5
54	52.3	43.1	64.7



#31
 Naphthalene
 Concen: 2.793 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BG034012.D
 Acq: 26 Apr 2018 7:55

Tgt Ion	128	Resp	37989
Ion Ratio	100	Lower	Upper
129	10.7	8.6	12.8
127	13.5	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

OK-01-042418

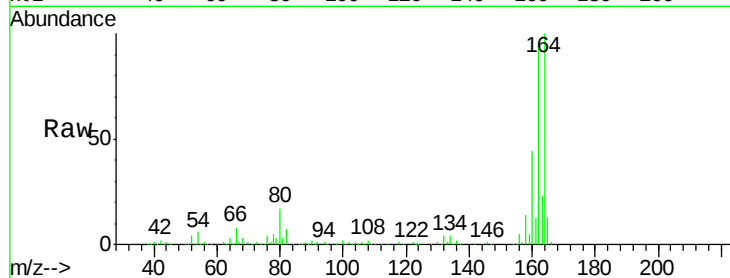
Tot Ion:164 Resp: 183716

Ion Ratio Lower Upper

164 100

162 96.1 78.8 118.2

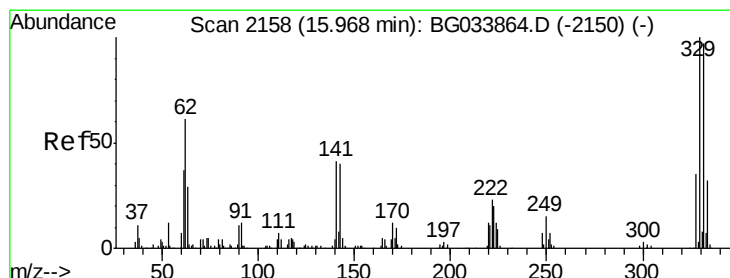
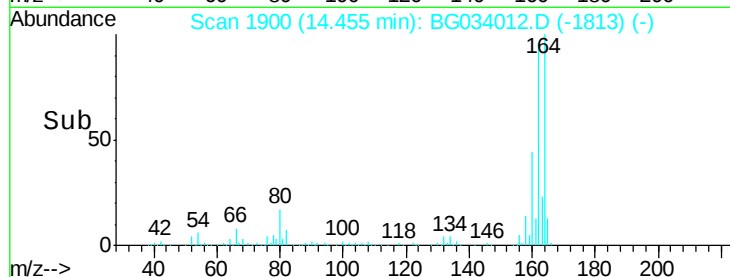
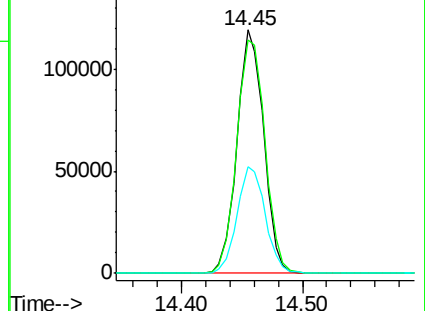
160 44.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 178.976 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

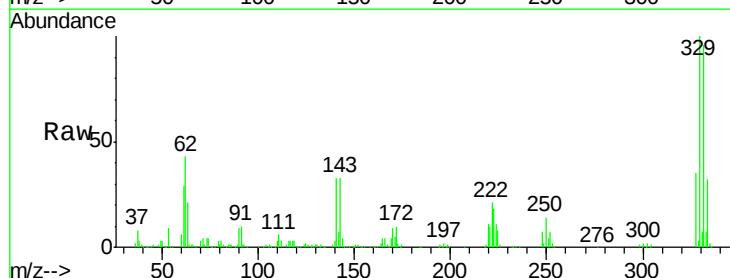
Tgt Ion:330 Resp: 383607

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

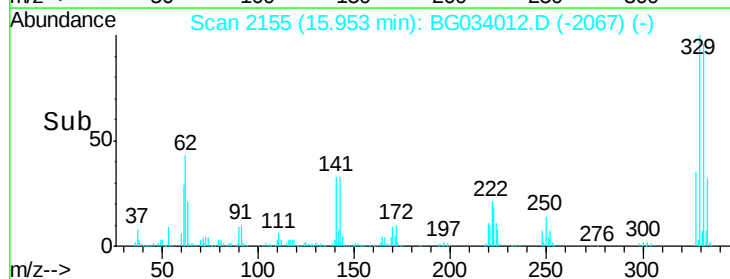
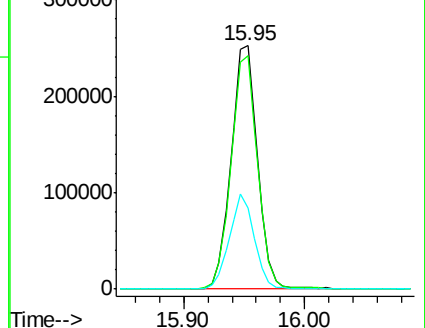
141 36.9 25.2 37.8

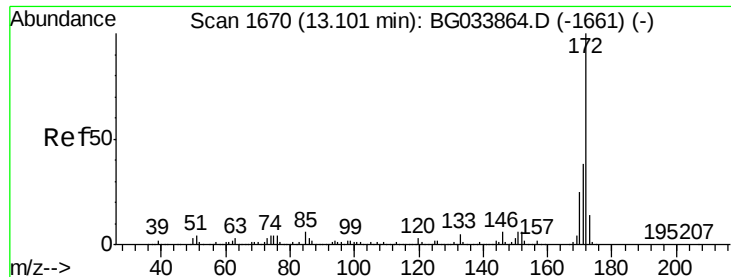


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

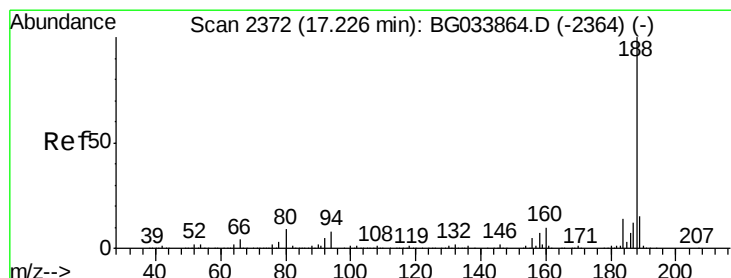
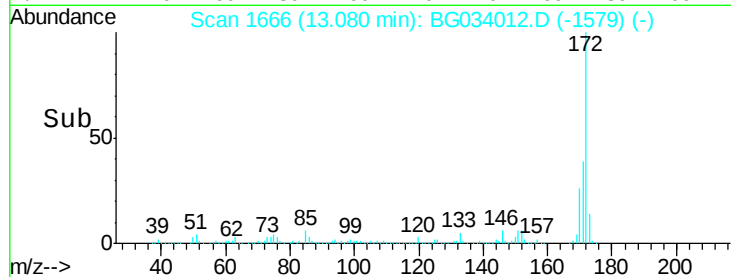
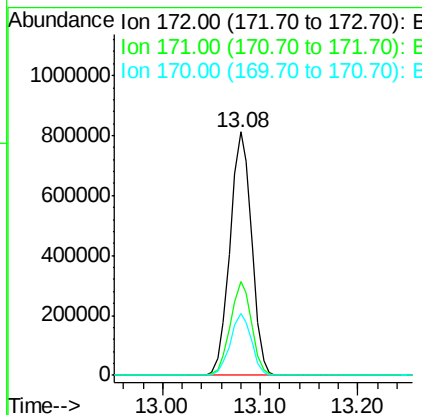
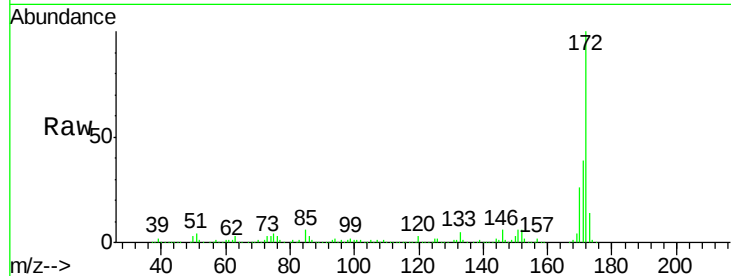




#44
2-Fluorobiphenyl
Concen: 99.317 ng
RT: 13.08 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

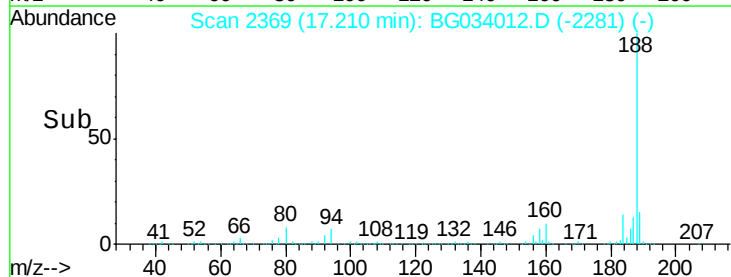
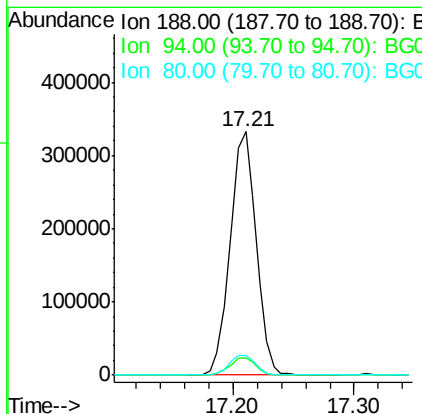
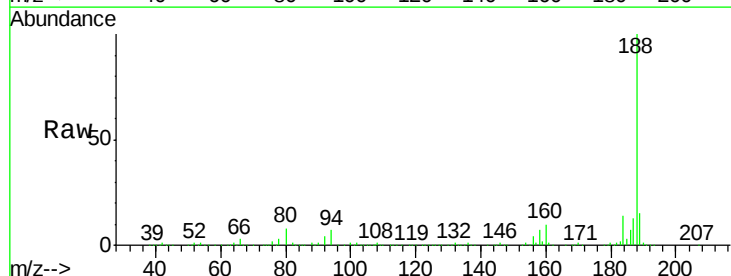
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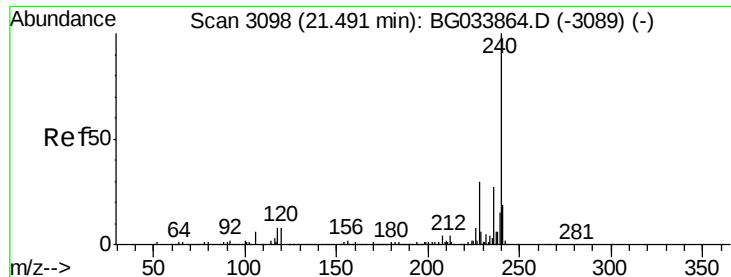
Tot Ion:172 Resp: 1242056
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:188 Resp: 500081
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.1 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.46 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

OK-01-042418

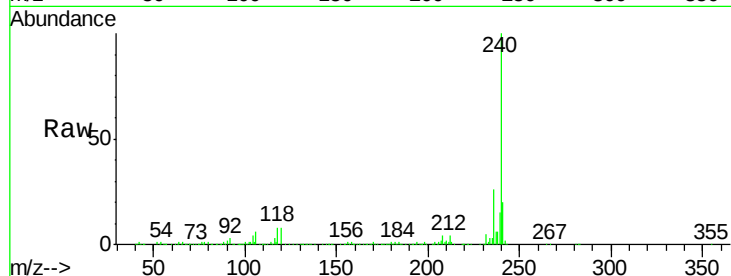
Tot Ion:240 Resp: 554983

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

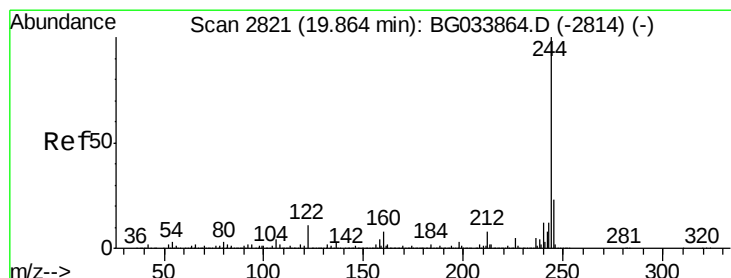
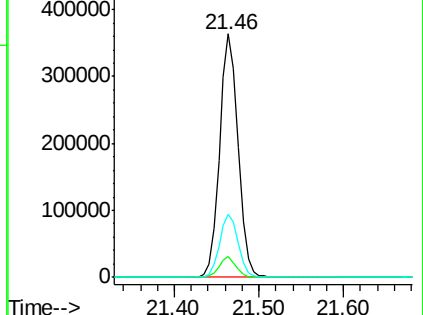
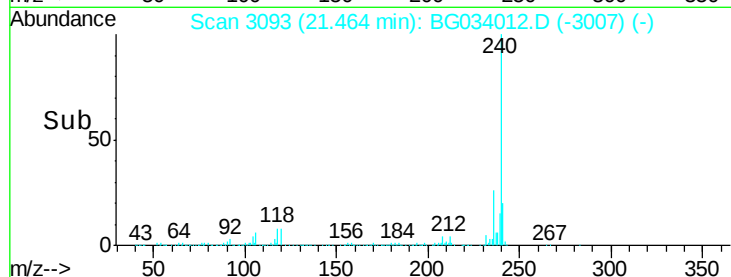
236 25.9 20.9 31.3



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: 96.599 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

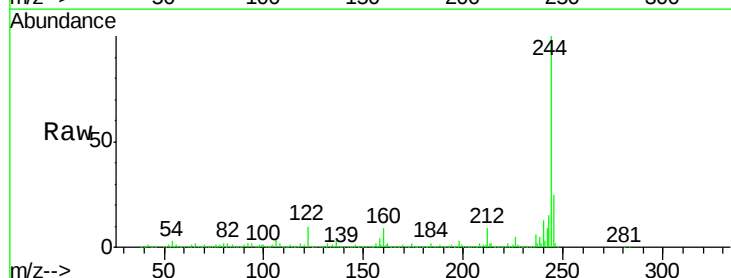
Tgt Ion:244 Resp: 2386284

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

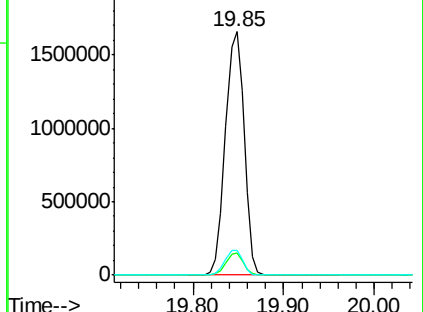
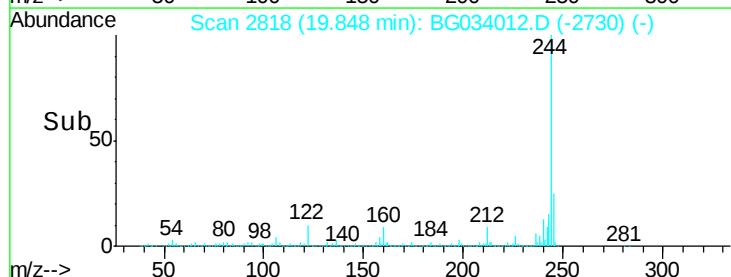
122 10.4 7.0 10.4

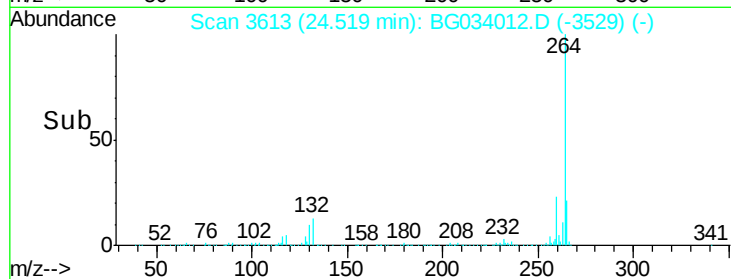
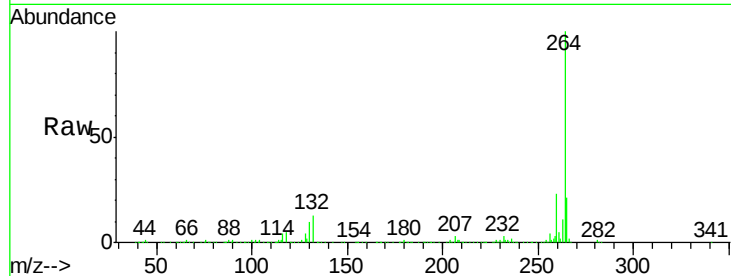
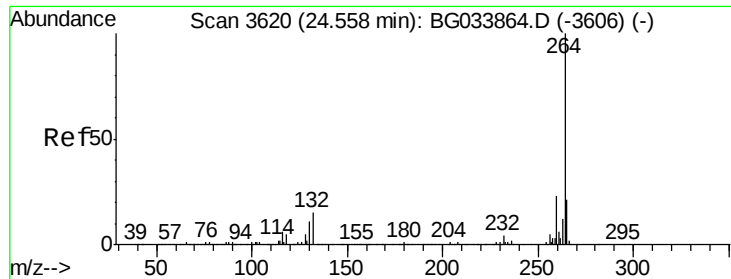


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.52 min Scan# 3613

Delta R.T. -0.04 min

Lab File: BG034012.D

Acq: 26 Apr 2018 7:55

Instrument :

BNA_G

ClientSampleId :

OK-01-042418

Tot Ion: 264 Resp: 549390

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.8 17.7 26.5

