

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034036.D
 Acq On : 27 Apr 2018 7:35
 Operator : SJ/JU
 Sample : J2571-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-D-S

Quant Time: Apr 27 10:53:07 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

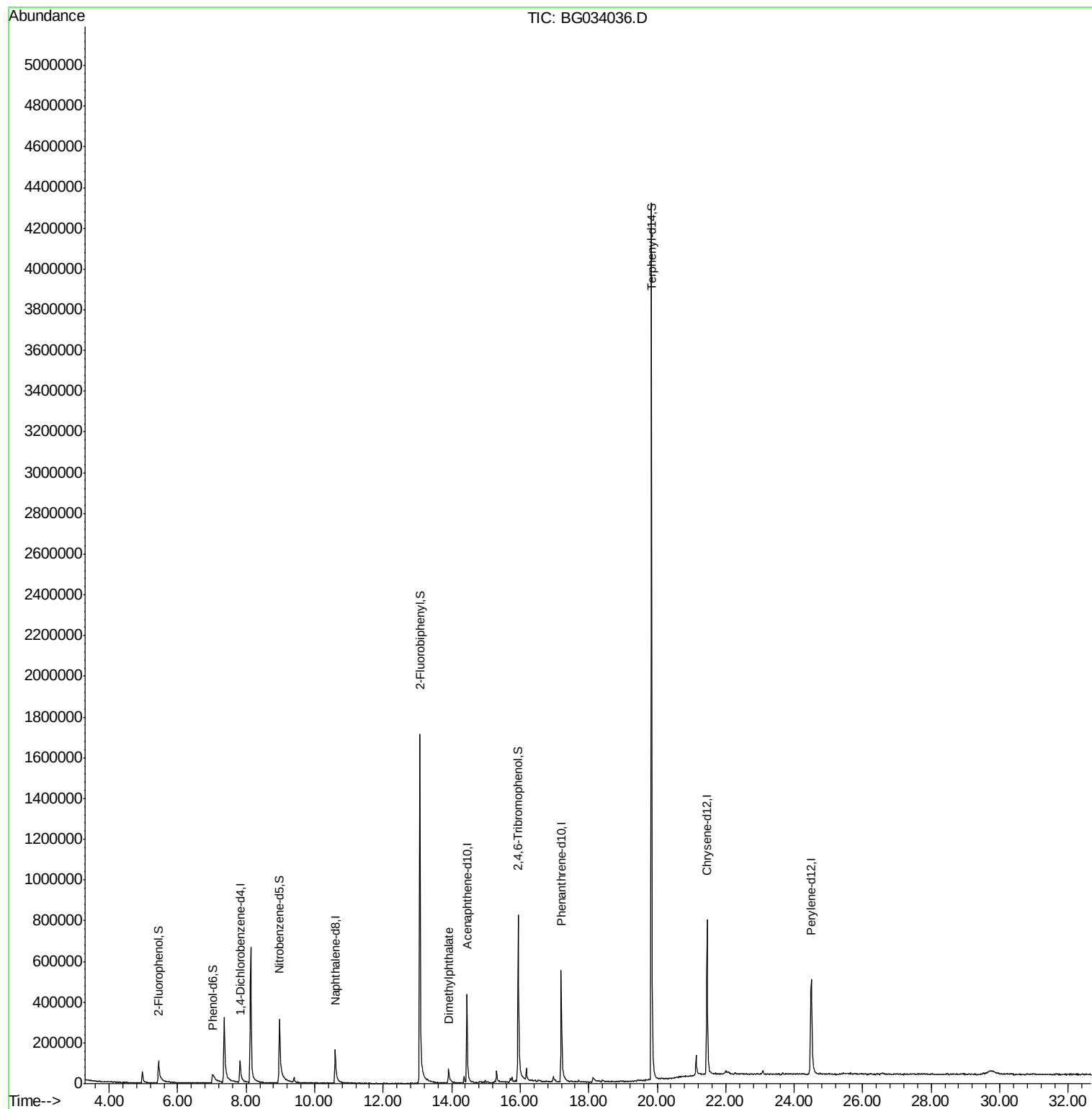
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	52172	20.00	ng	-0.01
21) Naphthalene-d8	10.60	136	248811	20.00	ng	-0.03
38) Acenaphthene-d10	14.44	164	195668	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	544950	20.00	ng	-0.03
75) Chrysene-d12	21.45	240	599544	20.00	ng	-0.04
86) Perylene-d12	24.50	264	606453	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	139813m	42.78	ng	0.00
7) Phenol-d6	7.02	99	119405m	25.05	ng	0.02
23) Nitrobenzene-d5	8.97	82	372512m	85.20	ng	-0.01
41) 2,4,6-Tribromophenol	15.94	330	246311	107.90	ng	-0.03
44) 2-Fluorobiphenyl	13.07	172	1257041	94.38	ng	-0.03
78) Terphenyl-d14	19.83	244	2426587	90.93	ng	-0.03
Target Compounds						
49) Dimethylphthalate	13.91	163	83961	4.878	ng	Qvalue # 98

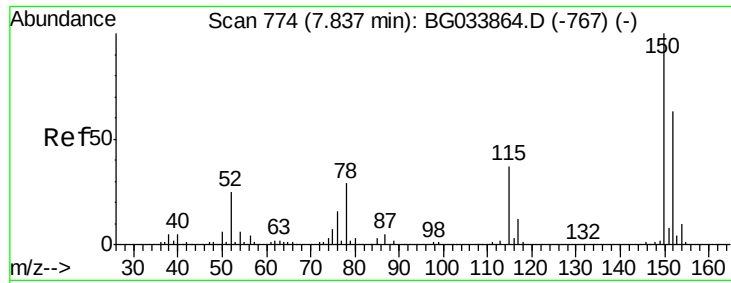
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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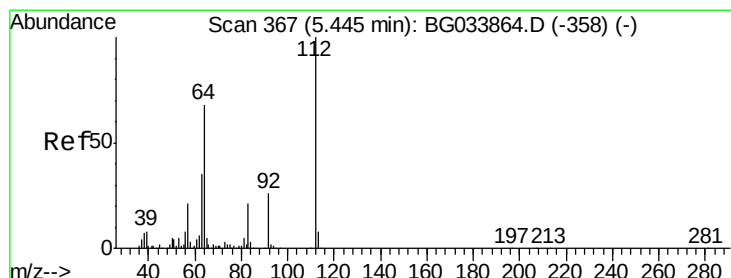
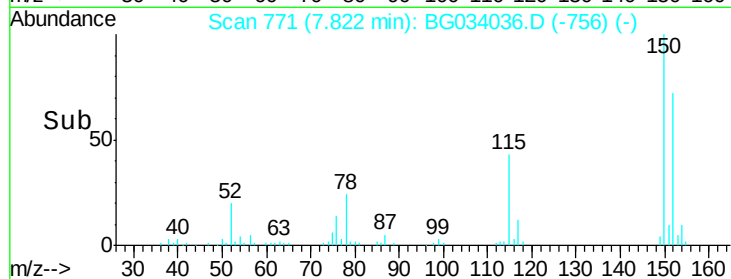
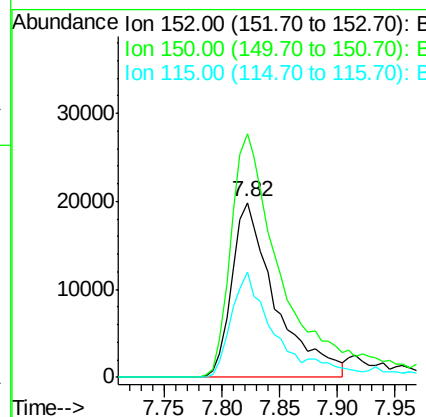
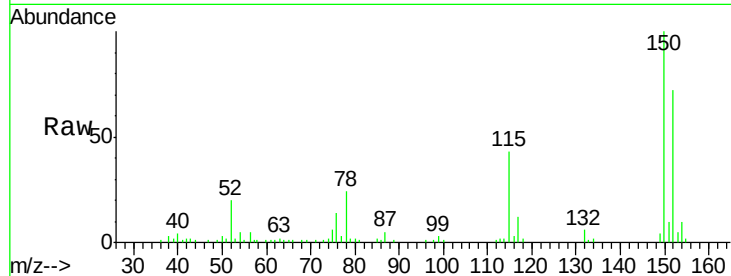




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

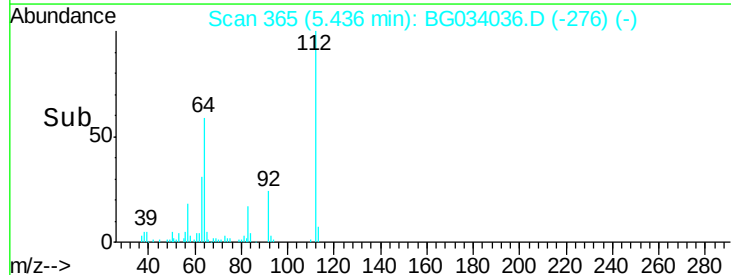
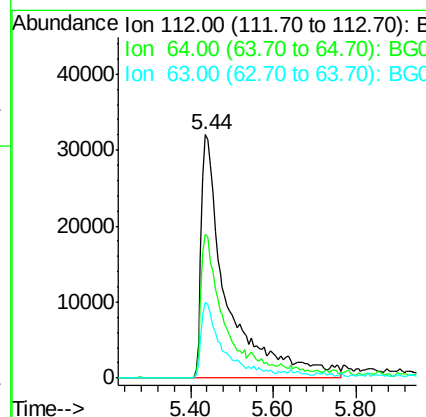
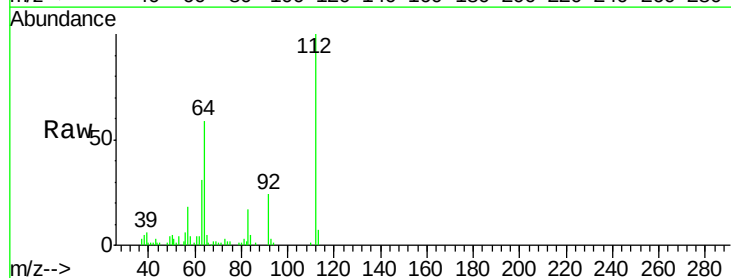
Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-D-S

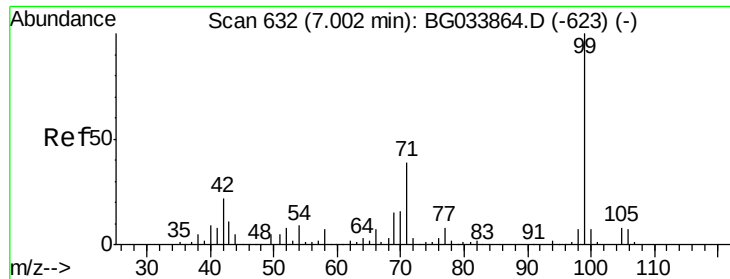
Tot Ion:152 Resp: 52172
 Ion Ratio Lower Upper
 152 100
 150 139.5 126.6 189.8
 115 60.5 53.0 79.4



#5
 2-Fluorophenol
 Concen: 42.785 ng m
 RT: 5.44 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

Tgt Ion:112 Resp: 139813
 Ion Ratio Lower Upper
 112 100
 64 58.9 56.3 84.5
 63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 25.052 ng/mL

RT: 7.02 min Scan# 635

Delta R.T. 0.02 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

Instrument :

BNA_G

ClientSampleId :

042418-SIDI-E-D-S

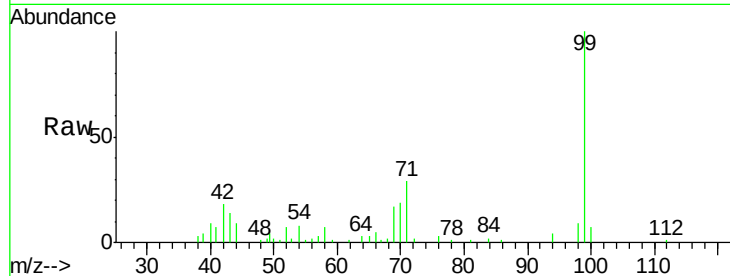
Tot Ion: 99 Resp: 119405

Ion Ratio Lower Upper

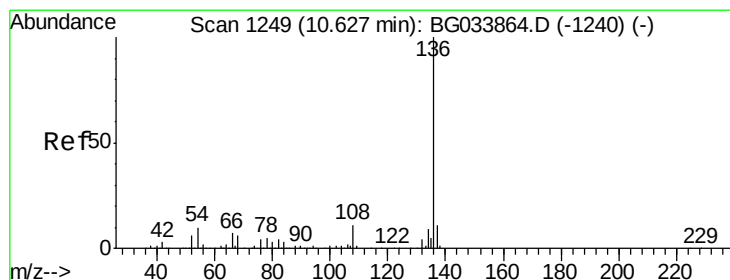
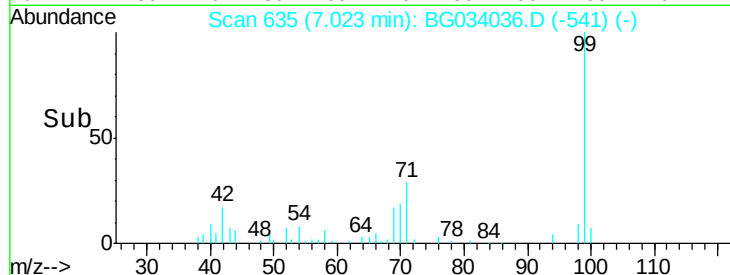
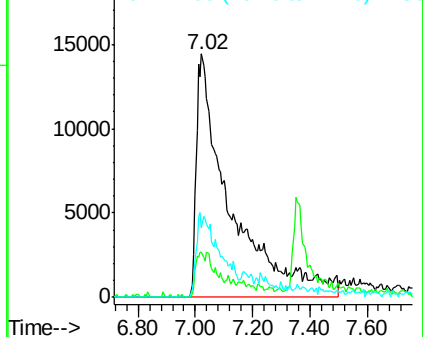
99 100

42 18.4 14.1 21.1

71 28.8 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: 10.60 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

Tgt Ion: 136 Resp: 248811

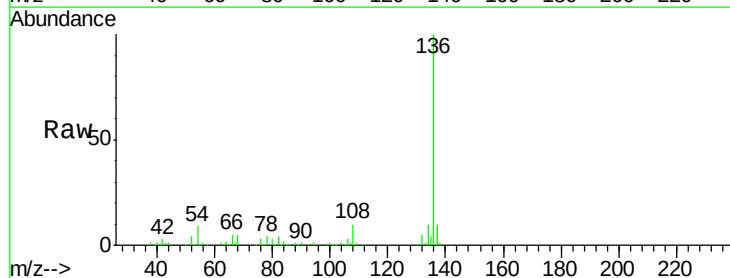
Ion Ratio Lower Upper

136 100

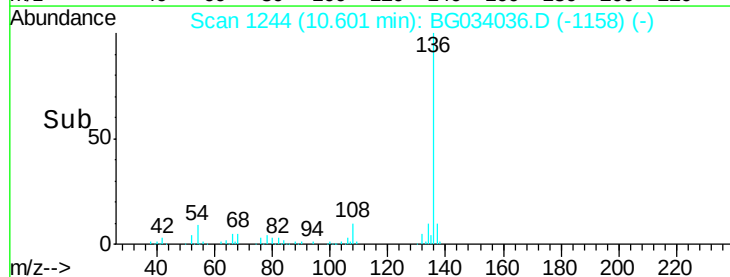
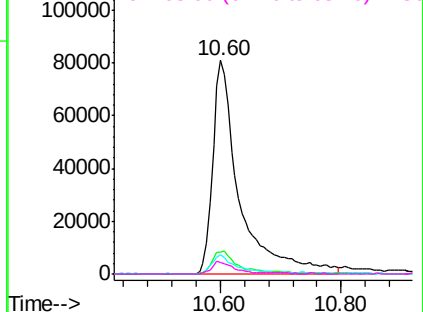
137 10.3 9.2 13.8

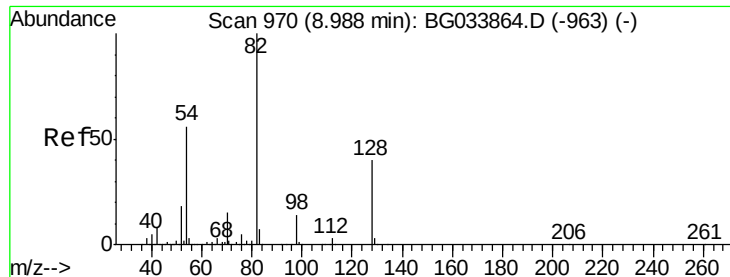
54 8.8 10.3 15.5#

68 5.2 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

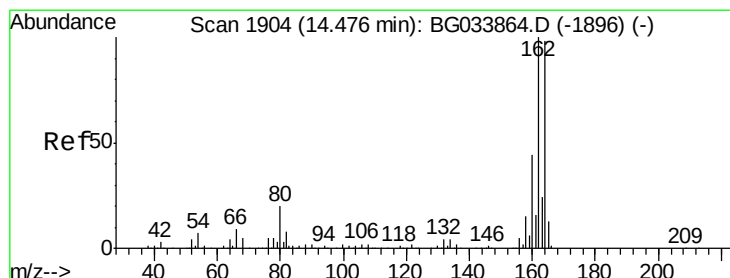
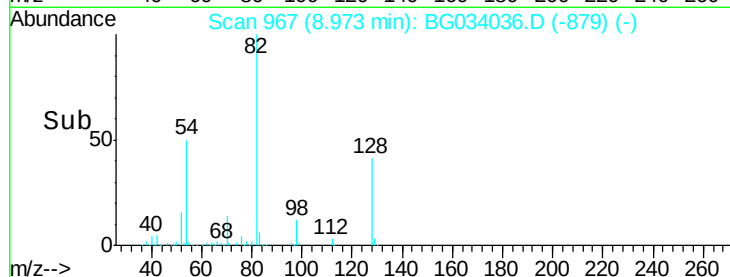
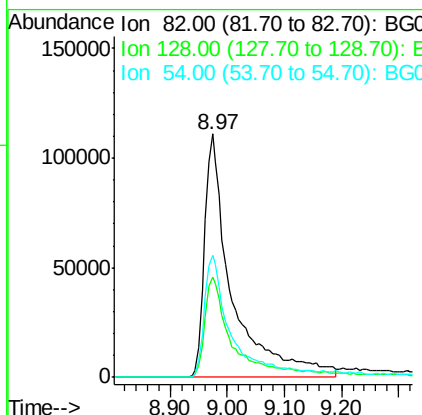
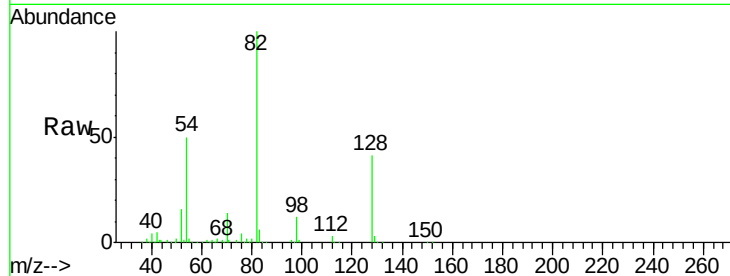




#23
 Nitrobenzene-d5
 Concen: 85.203 ng m
 RT: 8.97 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

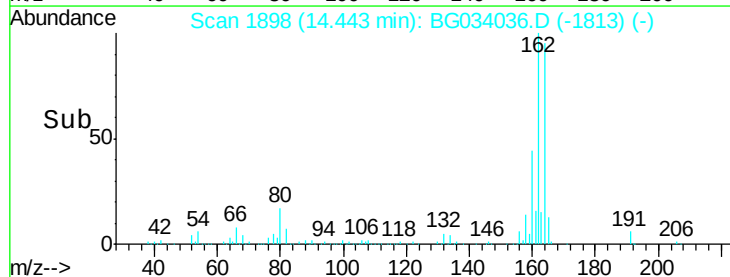
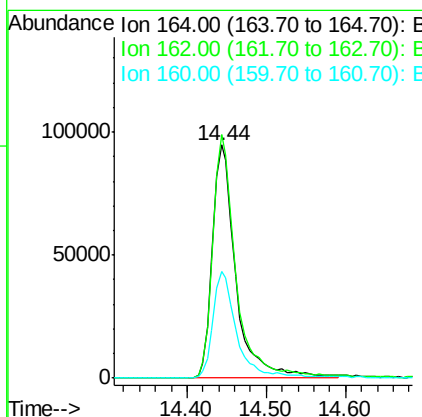
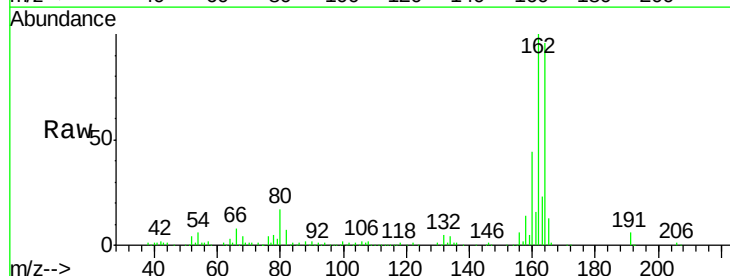
Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-D-S

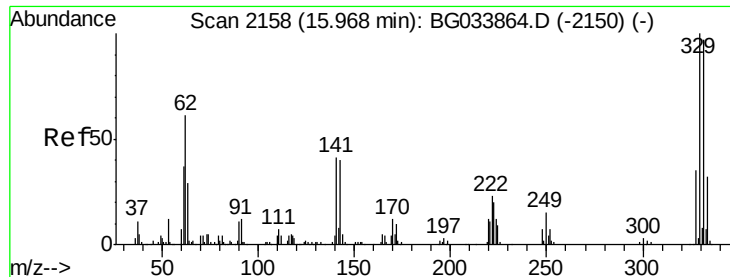
Tot Ion	82	Resp	372512
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.7	44.5
54	50.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.03 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

Tgt Ion	164	Resp	195668
Ion Ratio	Lower	Upper	
164	100		
162	104.6	78.8	118.2
160	46.0	35.4	53.0

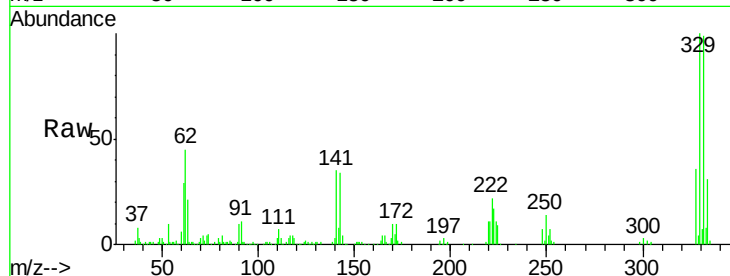




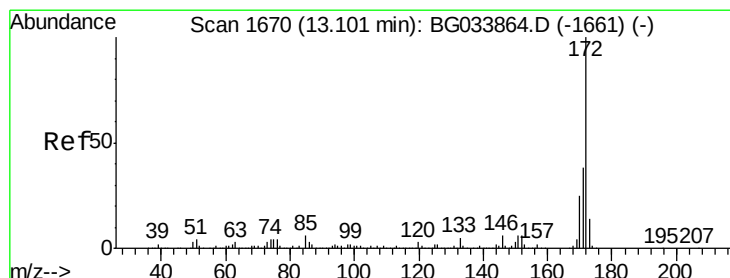
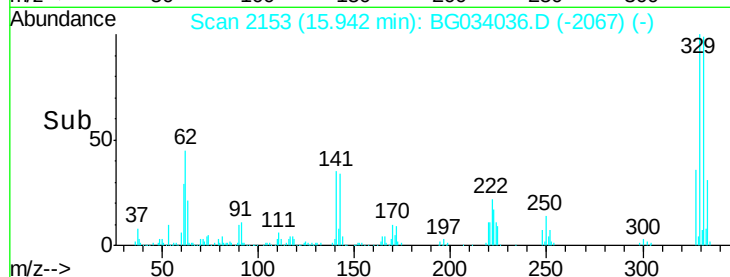
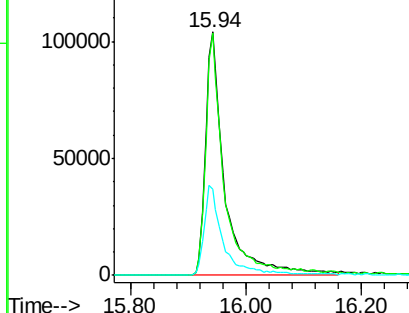
#41
 2,4,6-Tribromophenol
 Concen: 107.900 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.03 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-D-S

Tot Ion:330 Resp: 246311
 Ion Ratio Lower Upper
 330 100
 332 92.9 77.0 115.6
 141 36.0 25.2 37.8

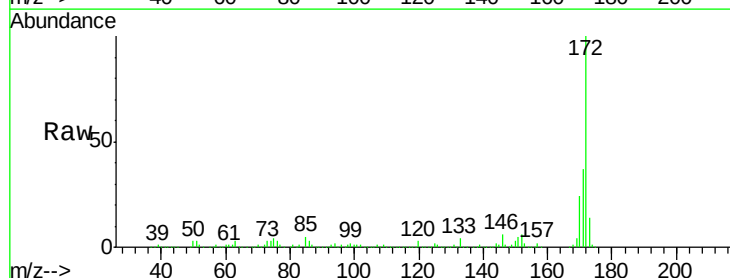


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

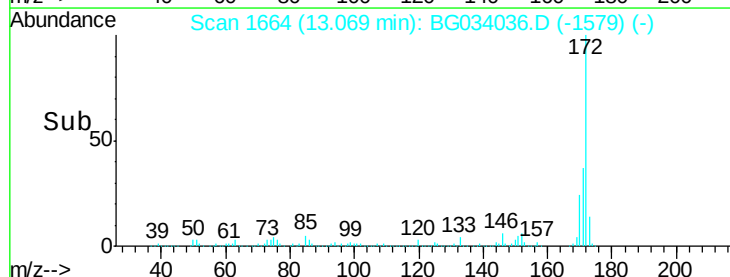
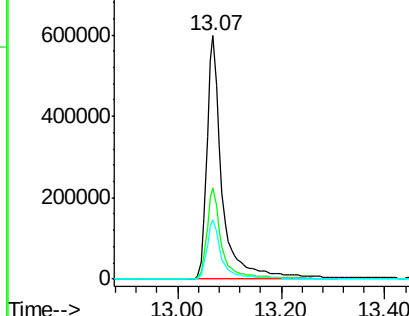


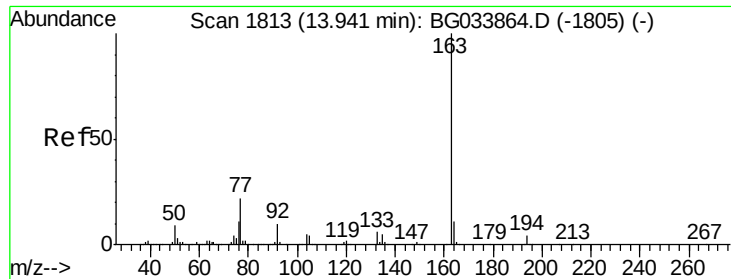
#44
 2-Fluorobiphenyl
 Concen: 94.375 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BG034036.D
 Acq: 27 Apr 2018 7:35

Tgt Ion:172 Resp: 1257041
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.2 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: 4.878 ng

RT: 13.91 min Scan# 1807

Delta R.T. -0.03 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

Instrument :

BNA_G

ClientSampleId :

042418-SIDI-E-D-S

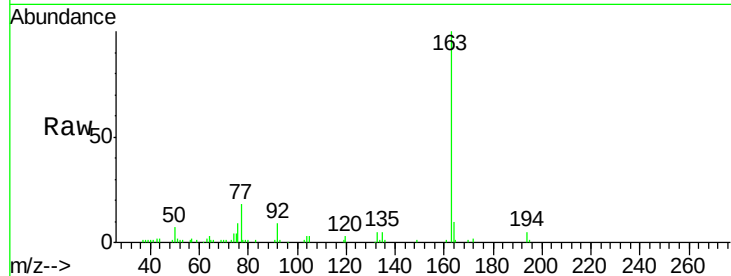
Tot Ion:163 Resp: 83961

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

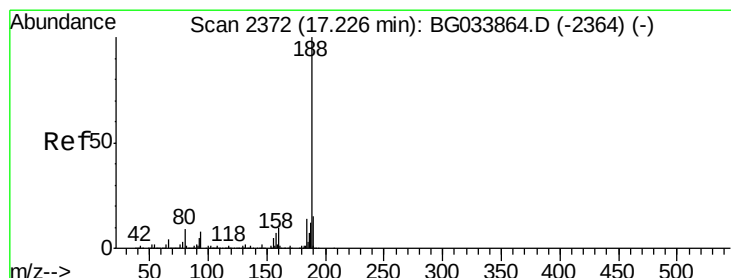
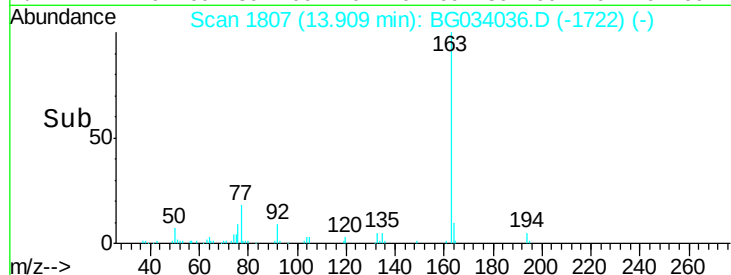
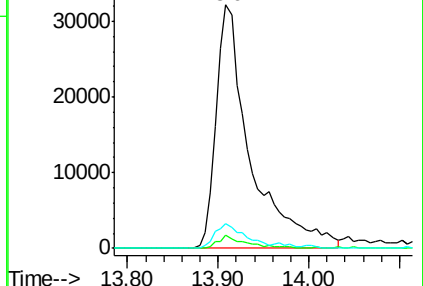
164 10.6 8.2 12.4



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: 17.20 min Scan# 2367

Delta R.T. -0.03 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

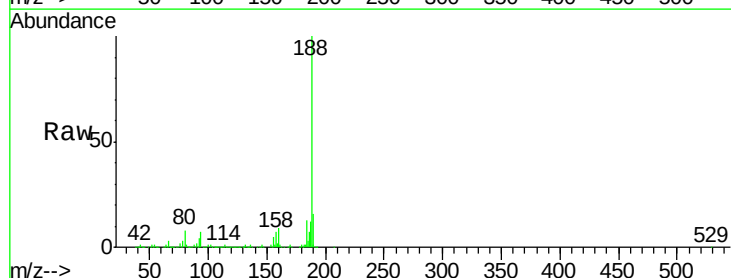
Tgt Ion:188 Resp: 544950

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

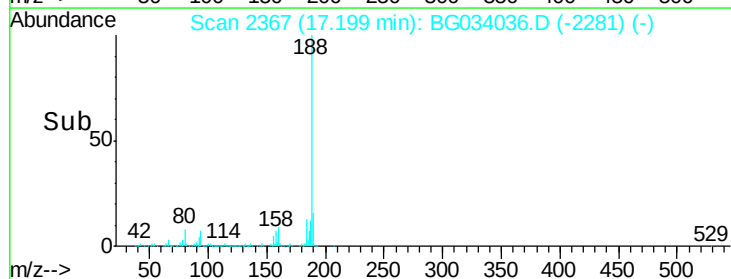
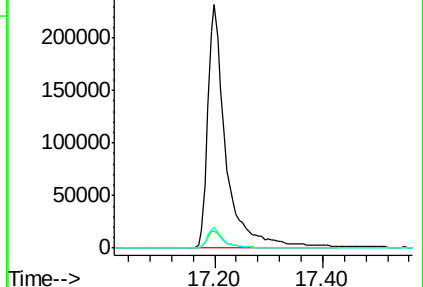
80 8.5 7.7 11.5

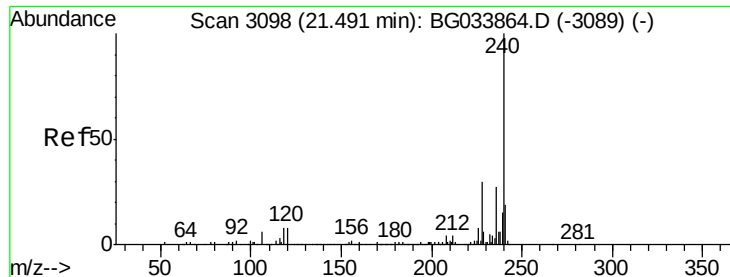


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.45 min Scan# 3091

Delta R.T. -0.04 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

Instrument :

BNA_G

ClientSampleId :

042418-SIDI-E-D-S

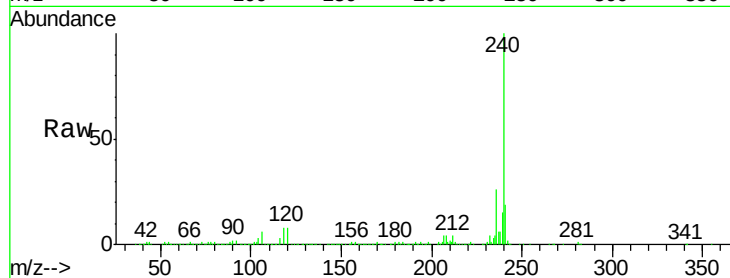
Tot Ion:240 Resp: 599544

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

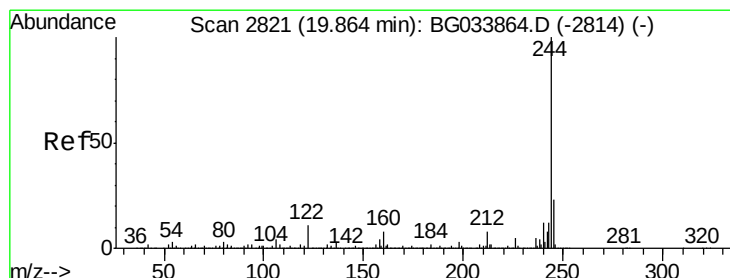
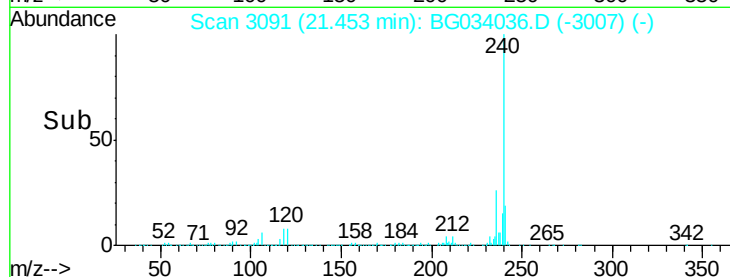
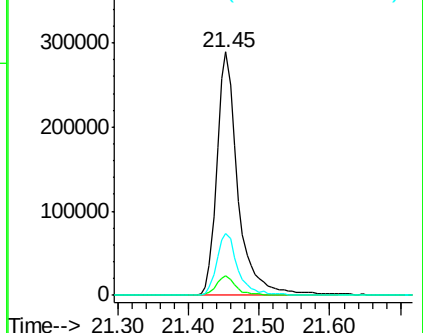
236 25.5 20.9 31.3



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: 90.929 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BG034036.D

Acq: 27 Apr 2018 7:35

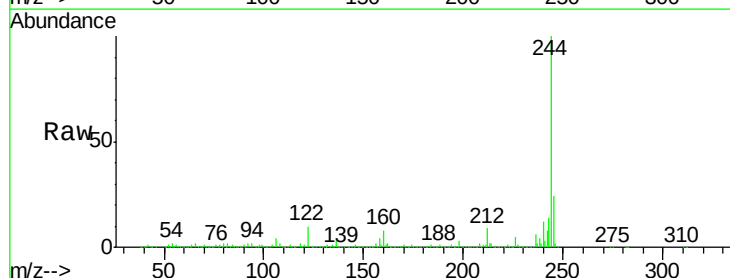
Tgt Ion:244 Resp: 2426587

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

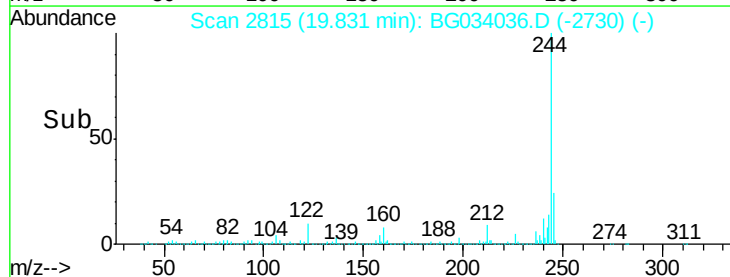
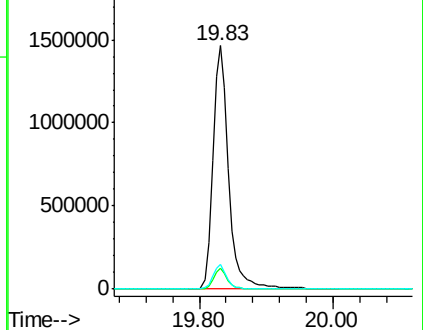
122 10.1 7.0 10.4

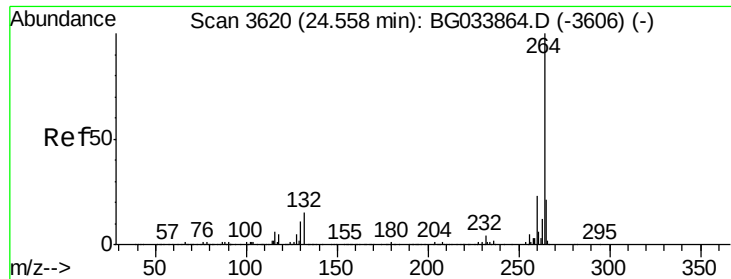


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.50 min Scan# 3609
Delta R.T. -0.06 min
Lab File: BG034036.D
Acq: 27 Apr 2018 7:35

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.4	17.7	26.5

