

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034006.D
 Acq On : 26 Apr 2018 4:07
 Operator : SJ/JU
 Sample : J2155-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-A

Quant Time: Apr 26 07:35:50 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	59349	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	263306	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	178216	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	502016	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	588369	20.00	ng	-0.03
86) Perylene-d12	24.52	264	575522	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	531357	142.94	ng	0.00
7) Phenol-d6	7.00	99	661696	122.04	ng	0.00
23) Nitrobenzene-d5	8.97	82	473611	102.36	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	396016	190.47	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1211080	99.83	ng	-0.02
78) Terphenyl-d14	19.84	244	2458461	93.87	ng	-0.02

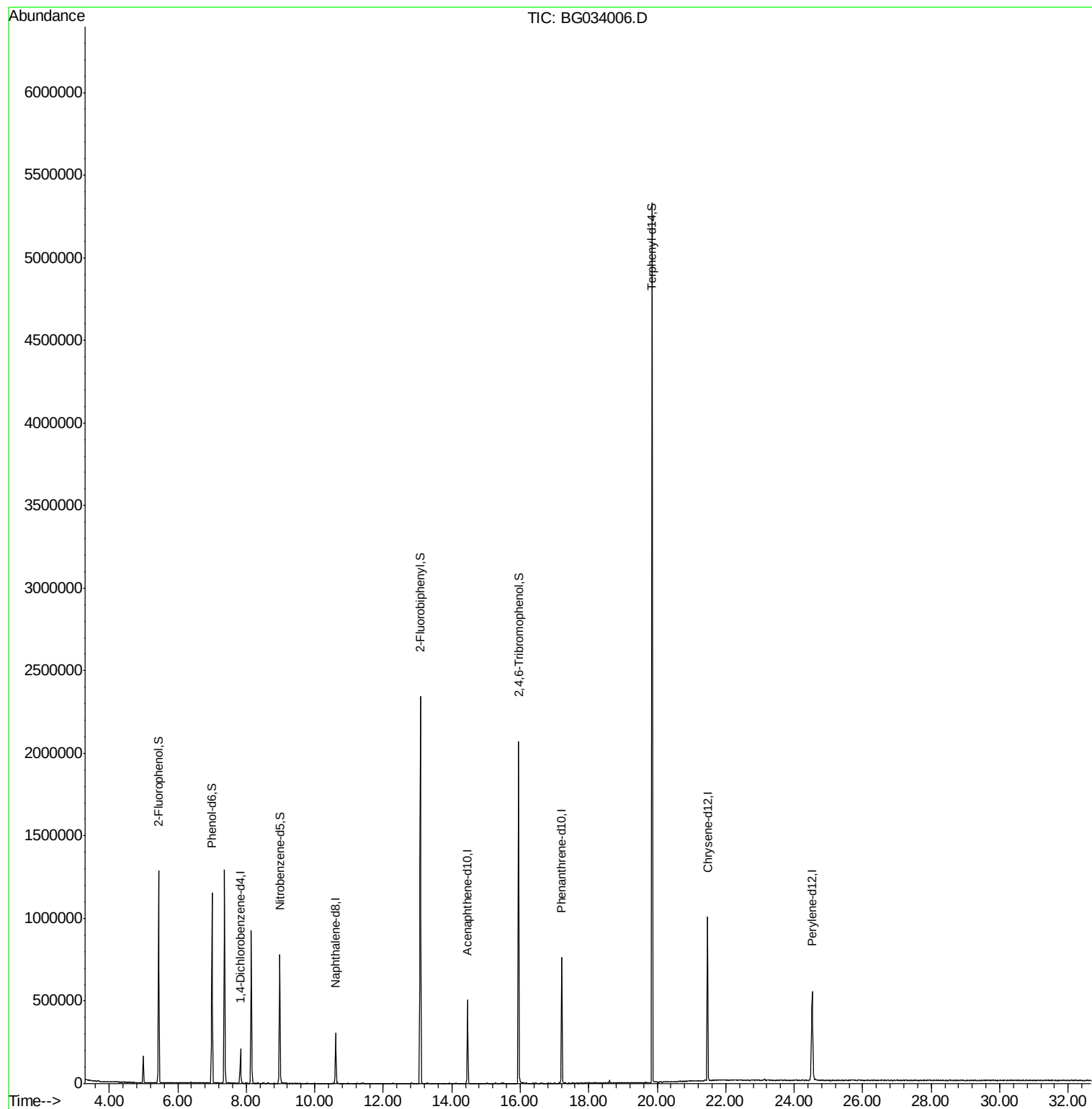
Target Compounds Qvalue

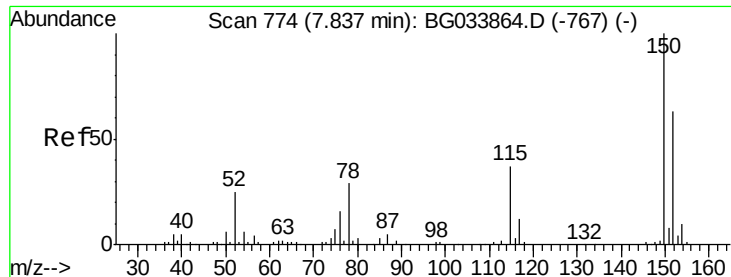
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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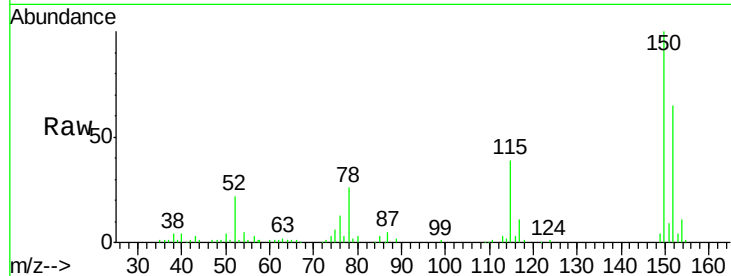


#1

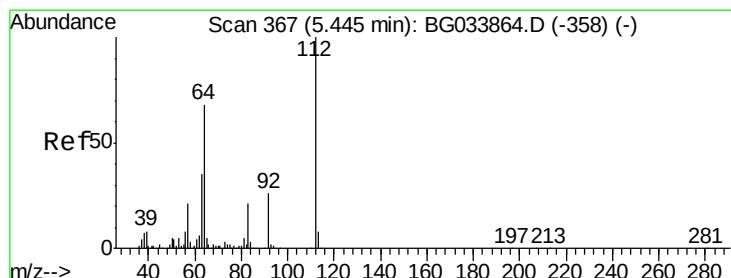
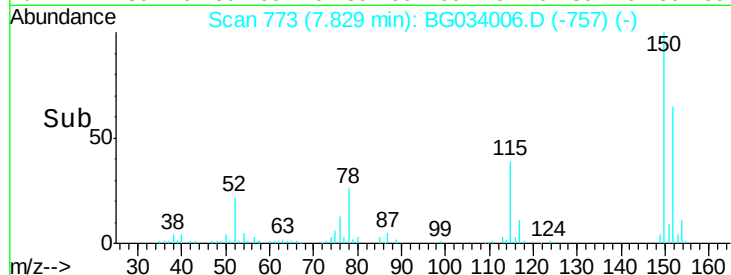
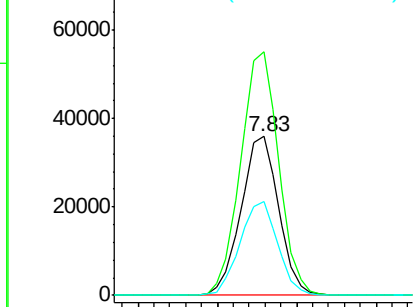
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-A

Tot Ion:152 Resp: 59349
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.6 189.8
 115 59.2 53.0 79.4



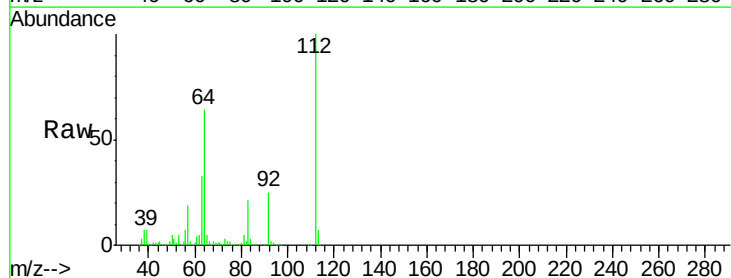
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



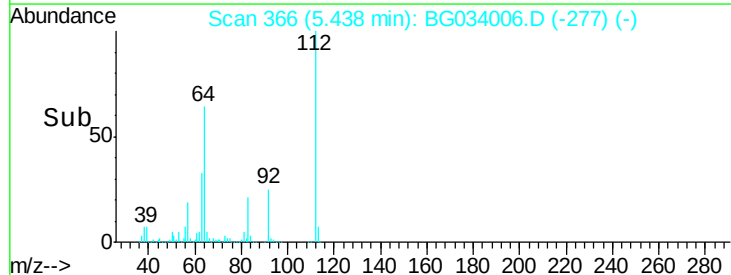
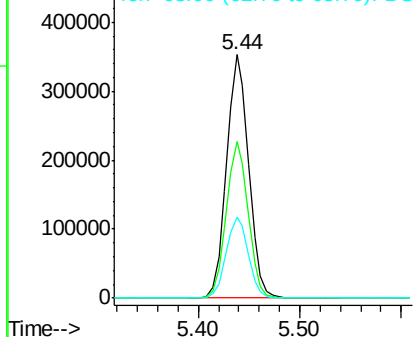
#5

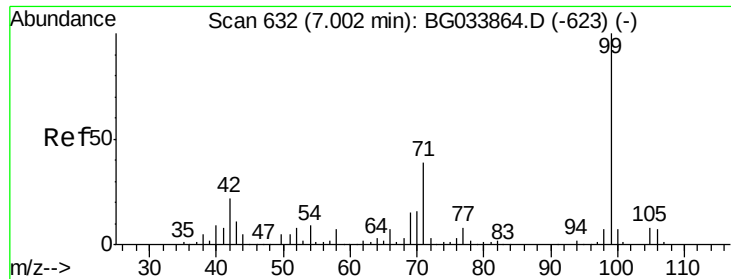
2-Fluorophenol
 Concen: 142.939 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

Tgt Ion:112 Resp: 531357
 Ion Ratio Lower Upper
 112 100
 64 64.3 56.3 84.5
 63 33.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.039 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034006.D

Acq: 26 Apr 2018 4:07

Instrument :

BNA_G

ClientSampleId :

NB-08-042418-A

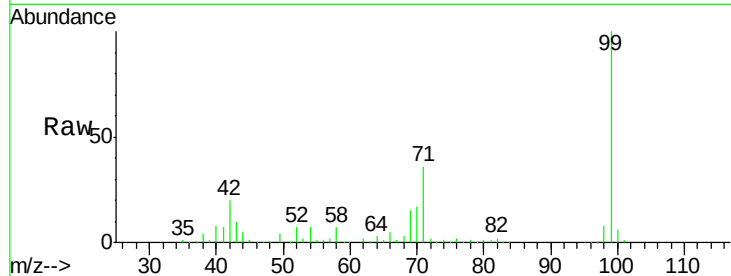
Tot Ion: 99 Resp: 661696

Ion Ratio Lower Upper

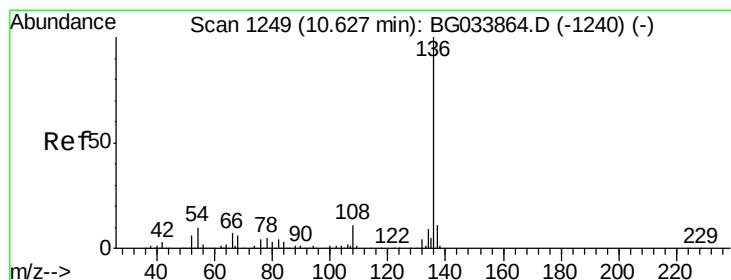
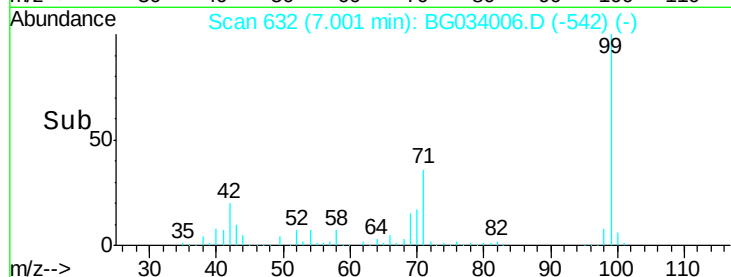
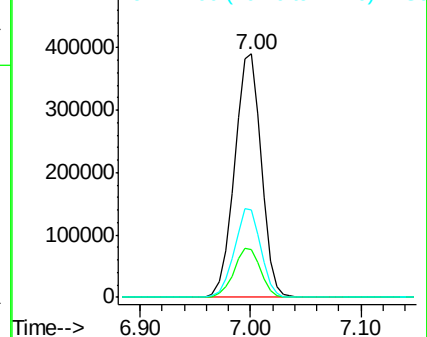
99 100

42 19.7 14.1 21.1

71 35.7 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# 1246

Delta R.T. -0.02 min

Lab File: BG034006.D

Acq: 26 Apr 2018 4:07

Tgt Ion: 136 Resp: 263306

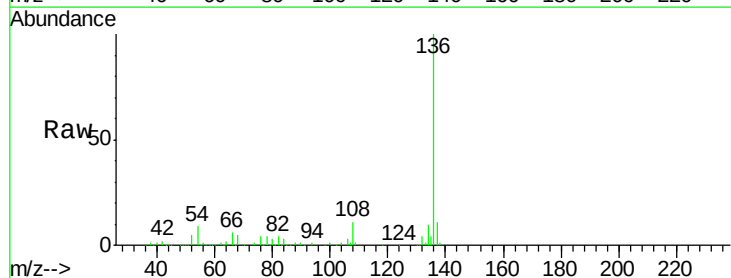
Ion Ratio Lower Upper

136 100

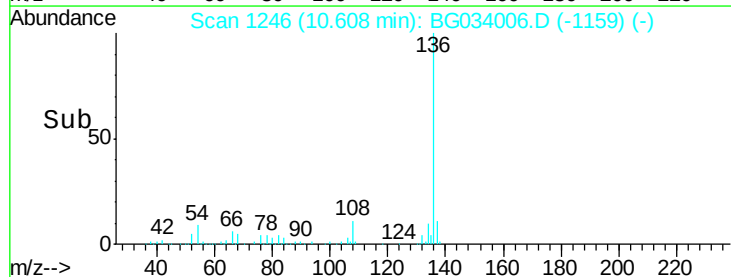
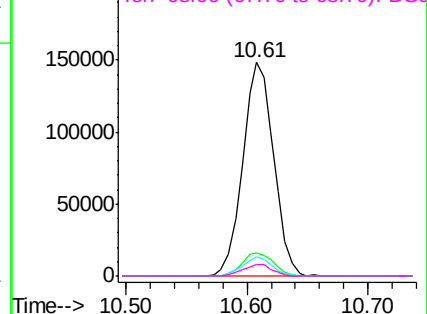
137 10.8 9.2 13.8

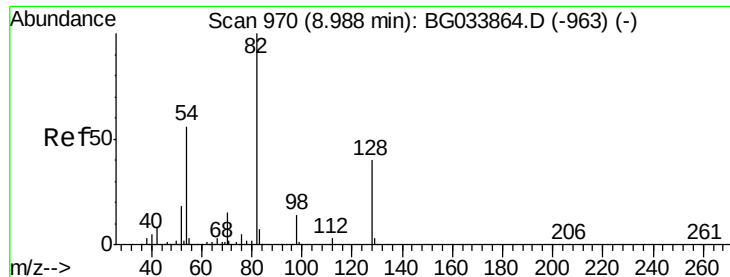
54 8.8 10.3 15.5#

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

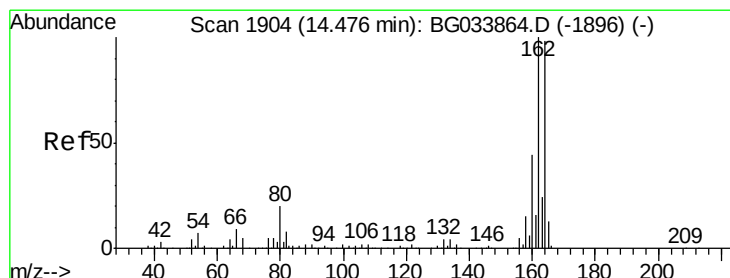
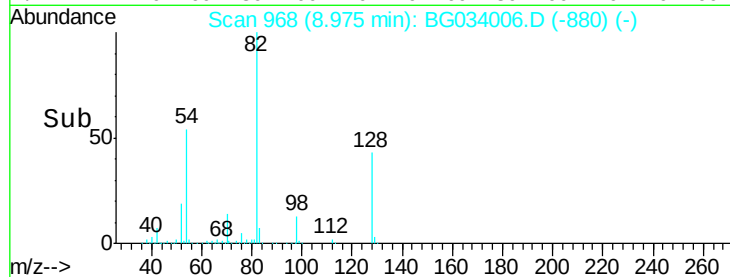
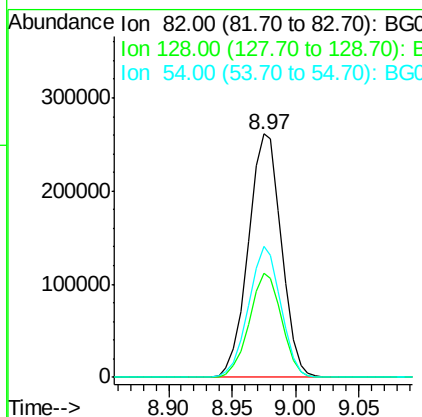
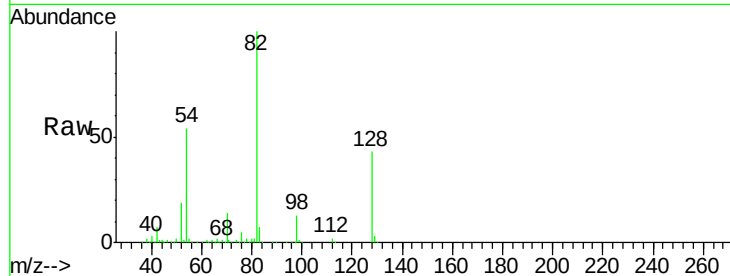




#23
 Nitrobenzene-d5
 Concen: 102.364 ng
 RT: 8.97 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

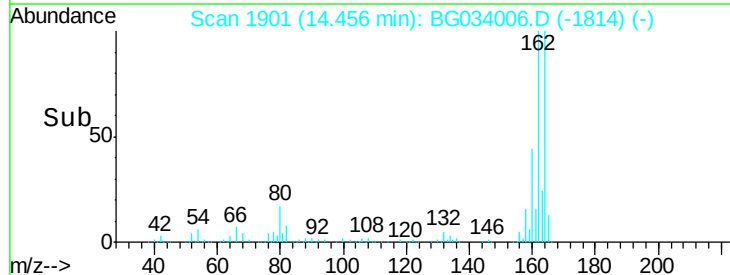
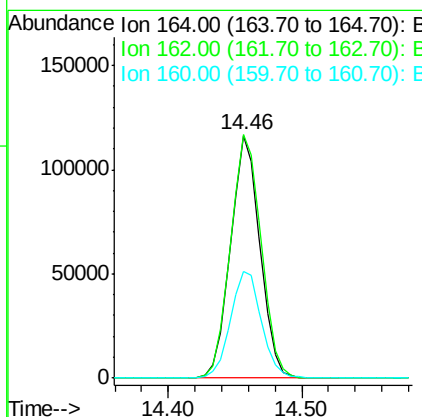
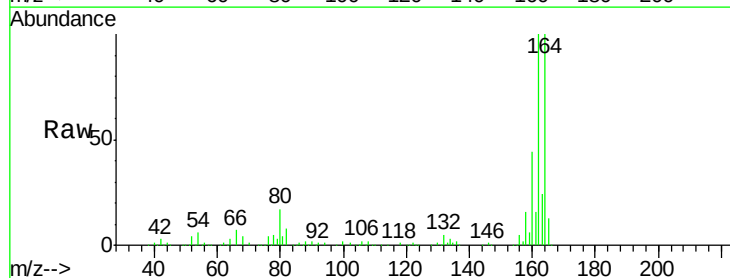
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-A

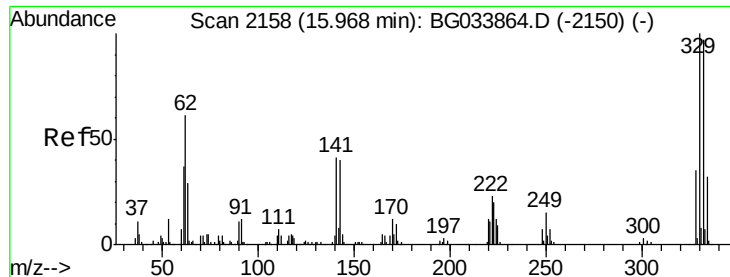
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.0	35.4	53.0

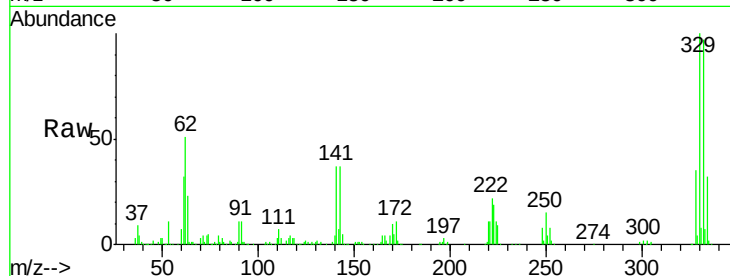




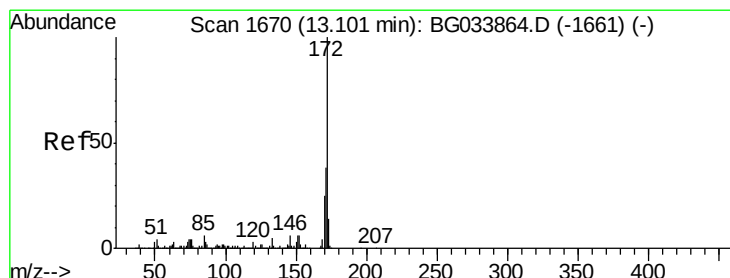
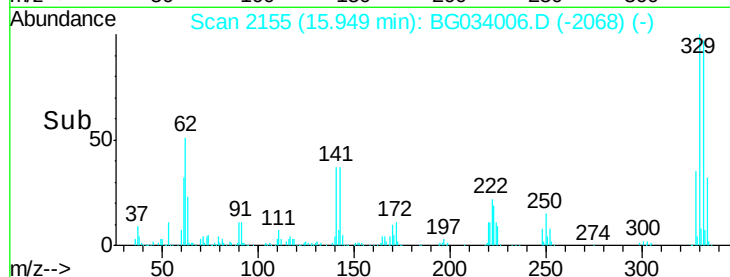
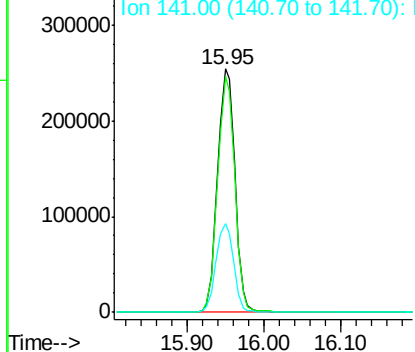
#41
 2,4,6-Tribromophenol
 Concen: 190.468 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-042418-A

Tot Ion:330 Resp: 396016
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 36.8 25.2 37.8

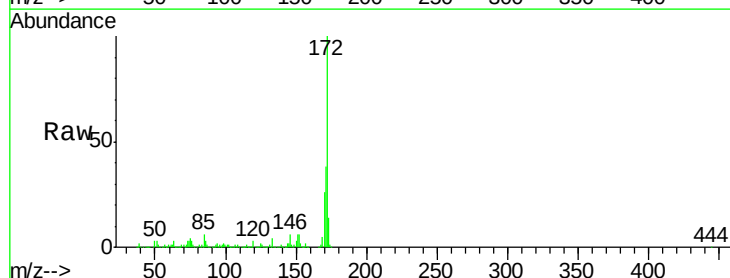


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

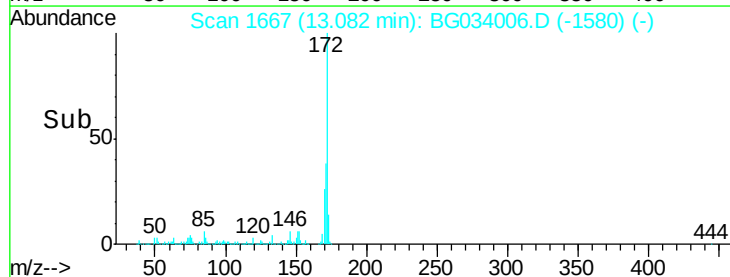
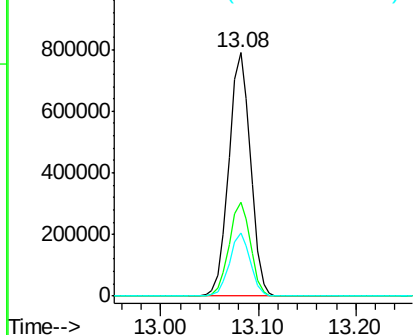


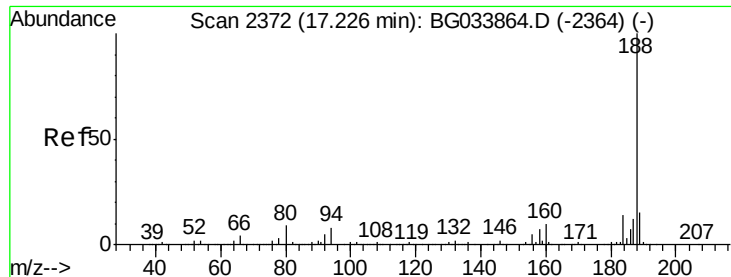
#44
 2-Fluorobiphenyl
 Concen: 99.829 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034006.D
 Acq: 26 Apr 2018 4:07

Tgt Ion:172 Resp: 1211080
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.9 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

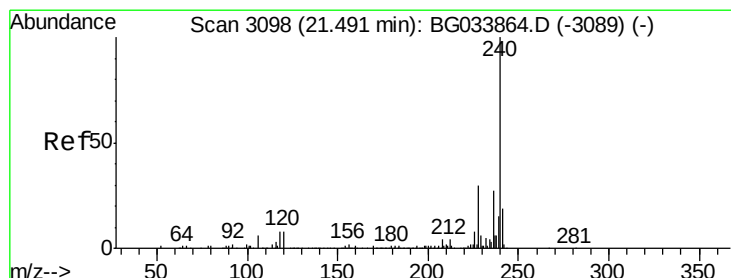
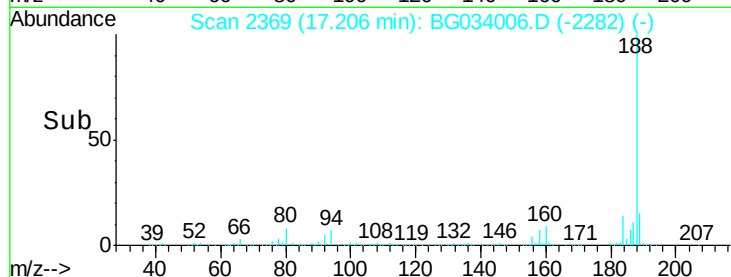
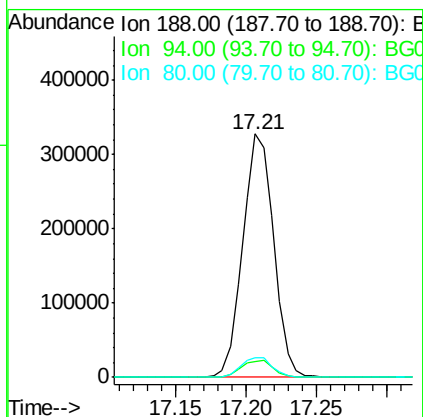
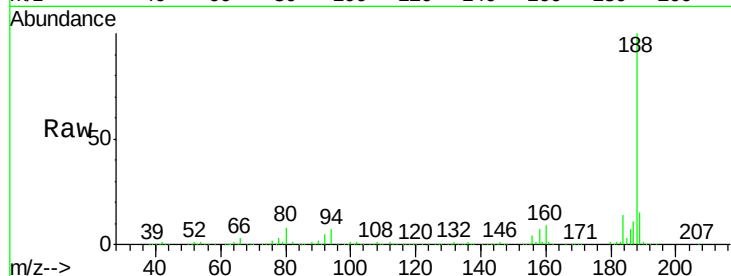




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034006.D
Acq: 26 Apr 2018 4:07

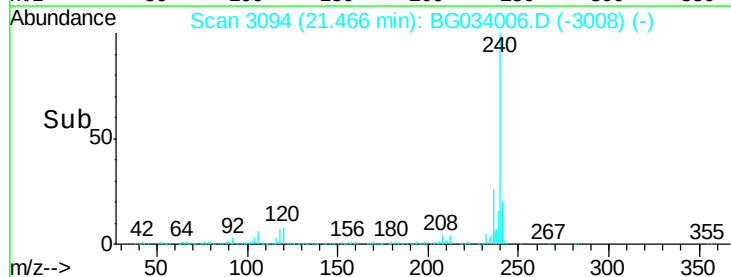
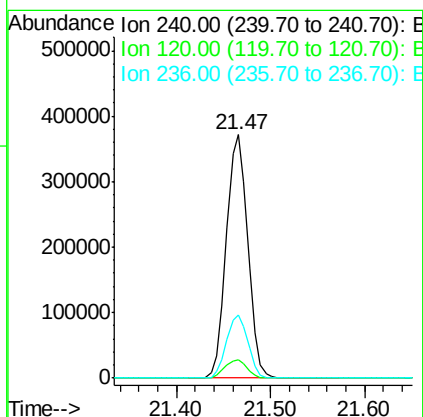
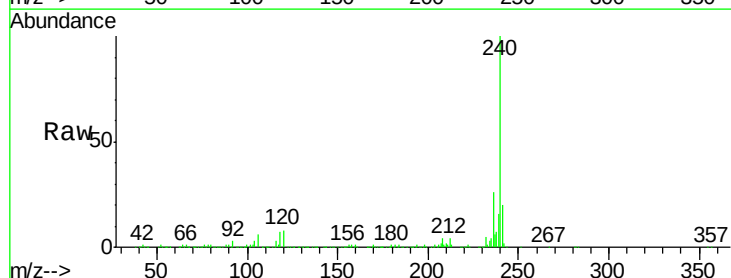
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ClientSampleId :
NB-08-042418-A

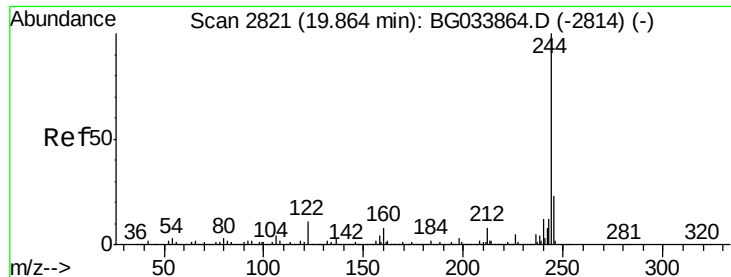
Tot Ion:188 Resp: 502016
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BG034006.D
Acq: 26 Apr 2018 4:07

Tgt Ion:240 Resp: 588369
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 93.873 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034006.D

Acq: 26 Apr 2018 4:07

Instrument :

BNA_G

ClientSampleId :

NB-08-042418-A

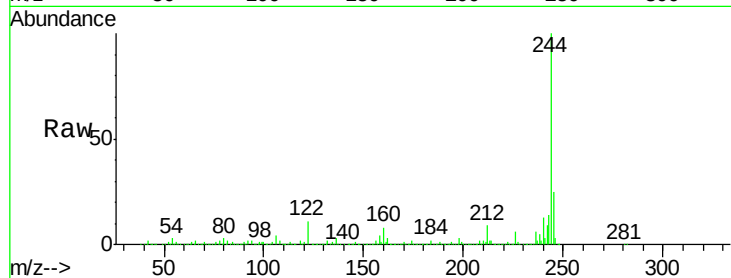
Tot Ion:244 Resp: 2458461

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

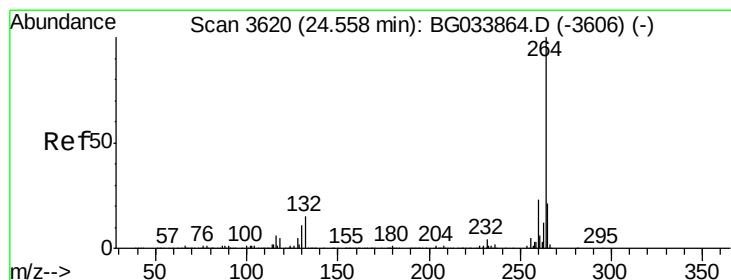
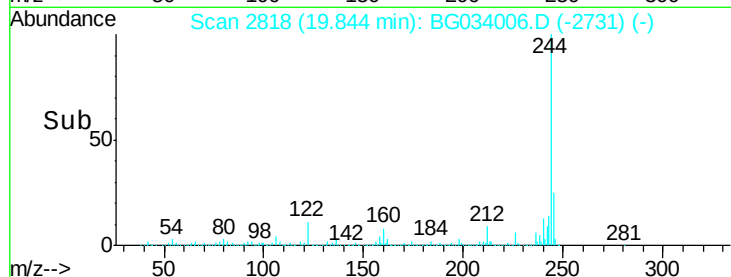
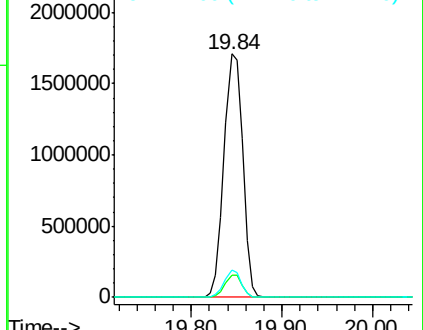
122 11.0 7.0 10.4#



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG034006.D

Acq: 26 Apr 2018 4:07

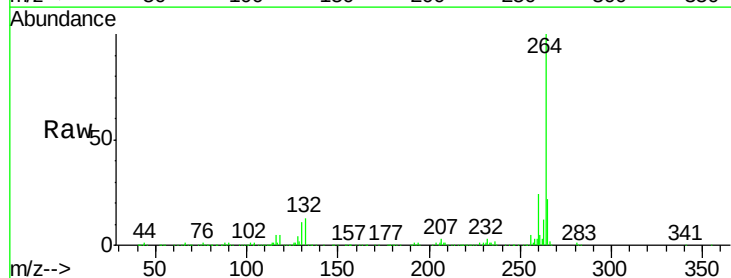
Tgt Ion:264 Resp: 575522

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 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

