

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033204.D
 Acq On : 16 Mar 2018 18:01
 Operator : SJ/JU
 Sample : J1926-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4514-16

Quant Time: Mar 17 05:36:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	41121	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	164411	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115340	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322875	20.00	ng	0.00
75) Chrysene-d12	22.60	240	341050	20.00	ng	-0.01
86) Perylene-d12	26.40	264	366040	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	338663	131.76	ng	0.00
7) Phenol-d6	8.00	99	458008	127.84	ng	0.00
23) Nitrobenzene-d5	10.10	82	363598	145.48	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	259632	214.08	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	799228	99.94	ng	0.00
78) Terphenyl-d14	20.76	244	1567528	103.26	ng	0.00

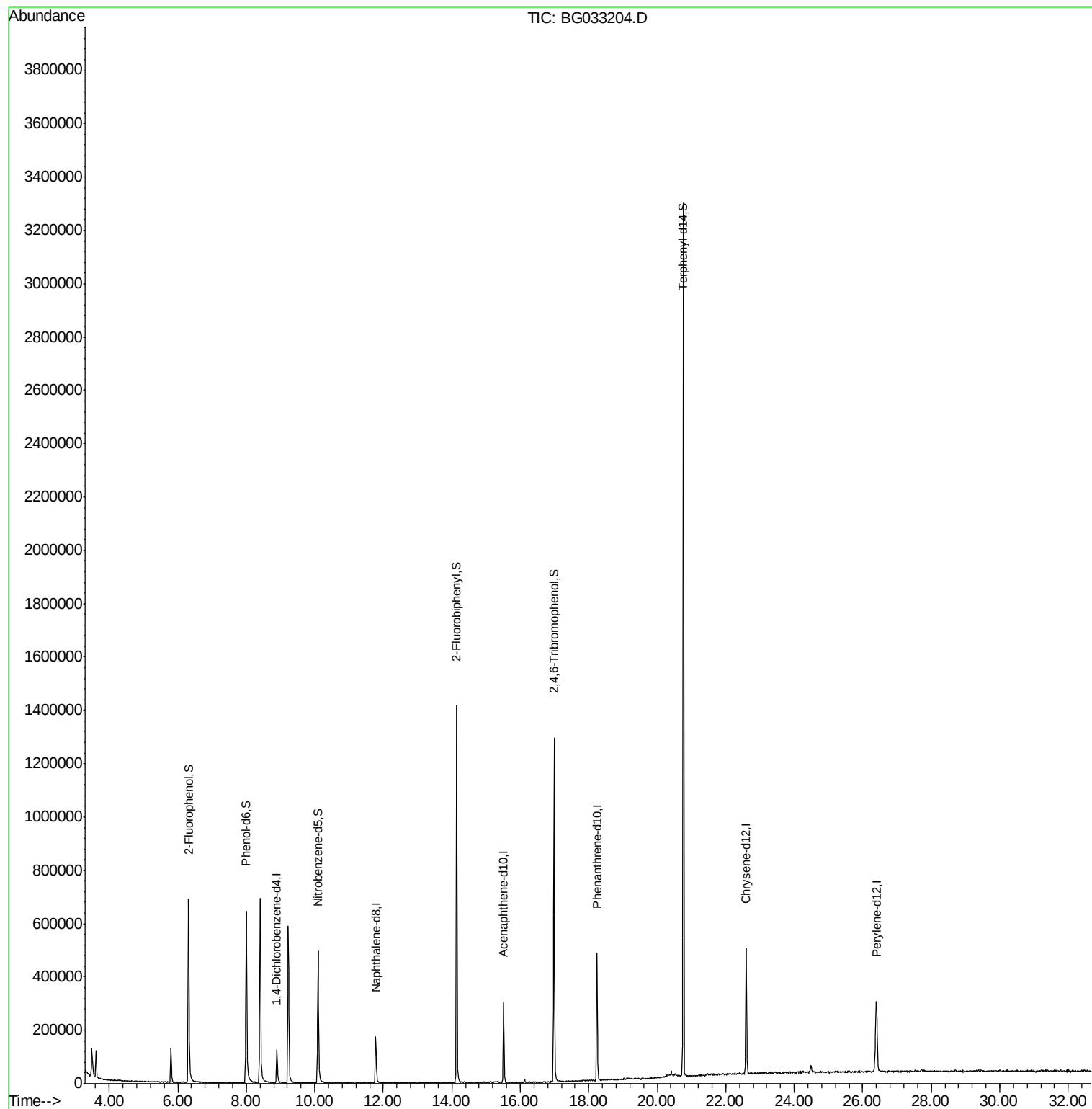
Target Compounds Qvalue

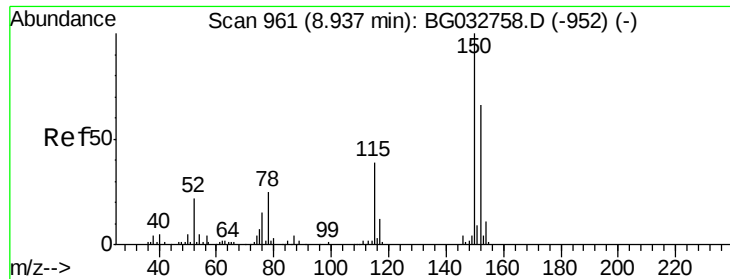
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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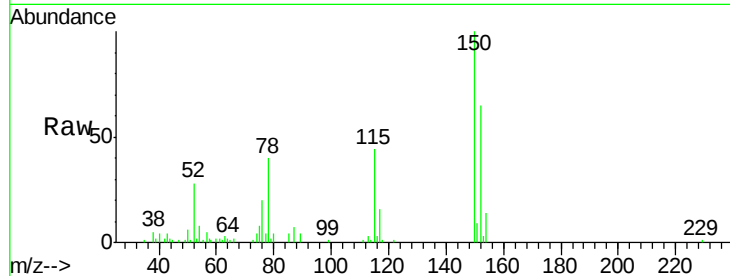


#1

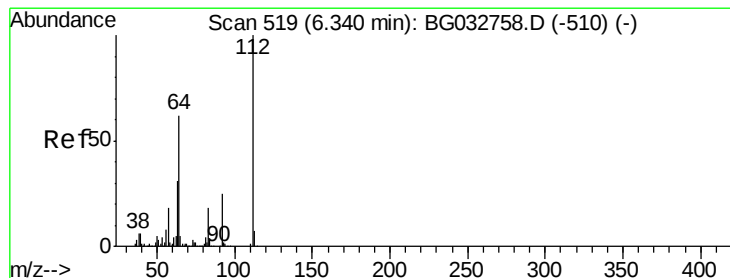
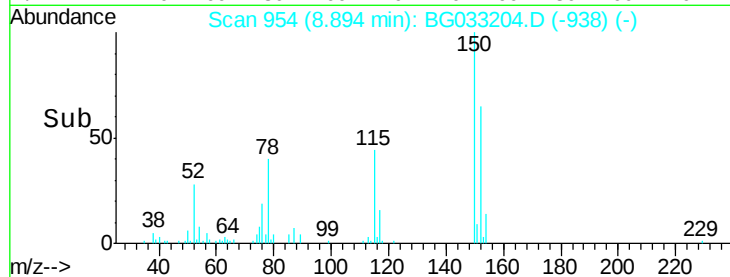
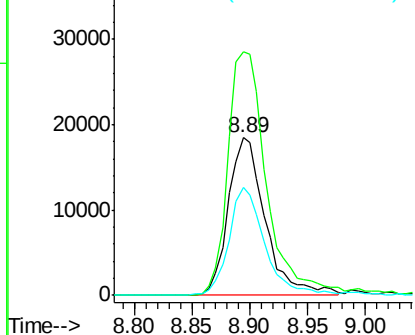
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033204.D
Acq: 16 Mar 2018 18:01

Instrument :
BNA_G
ClientSampleId :
4514-16

Tot Ion:152 Resp: 41121
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 68.6 53.0 79.4



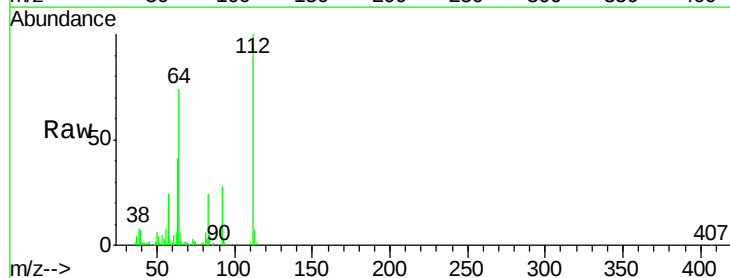
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



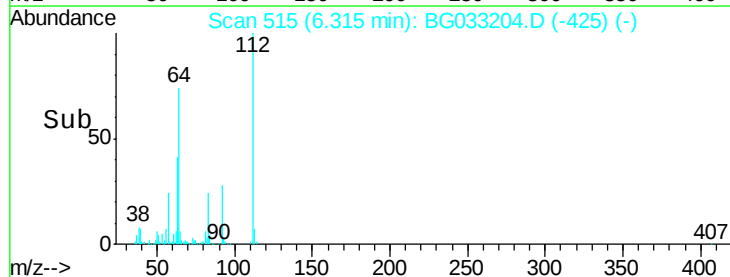
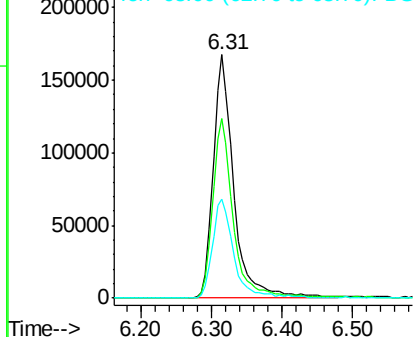
#5

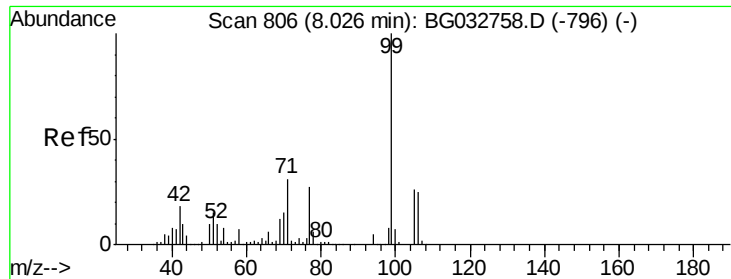
2-Fluorophenol
Concen: 131.760 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033204.D
Acq: 16 Mar 2018 18:01

Tgt Ion:112 Resp: 338663
Ion Ratio Lower Upper
112 100
64 73.7 56.3 84.5
63 40.8 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: 127.841 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033204.D

Acq: 16 Mar 2018 18:01

Instrument :

BNA_G

ClientSampled :

4514-16

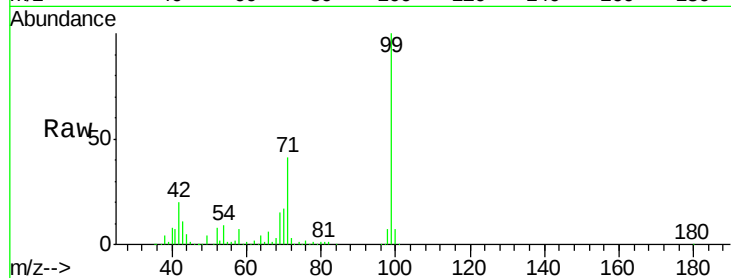
Tot Ion: 99 Resp: 458008

Ion Ratio Lower Upper

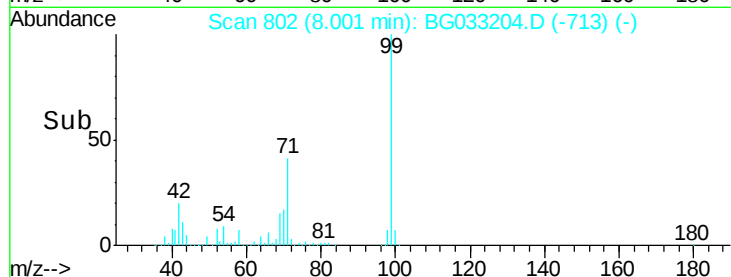
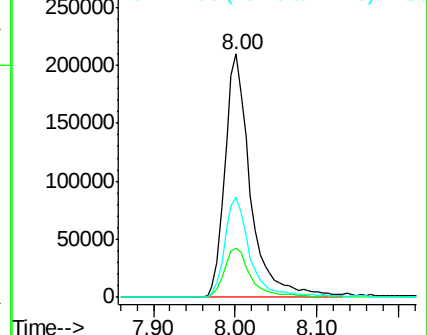
99 100

42 19.9 14.1 21.1

71 41.0 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033204.D

Acq: 16 Mar 2018 18:01

Tgt Ion:136 Resp: 164411

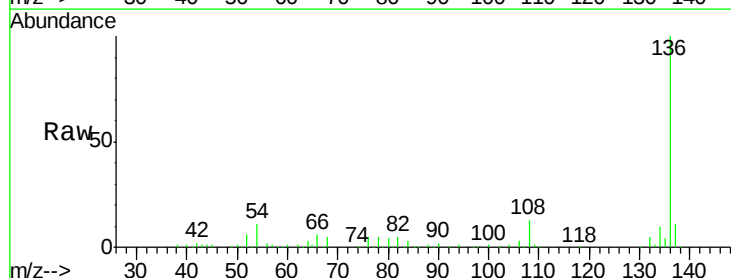
Ion Ratio Lower Upper

136 100

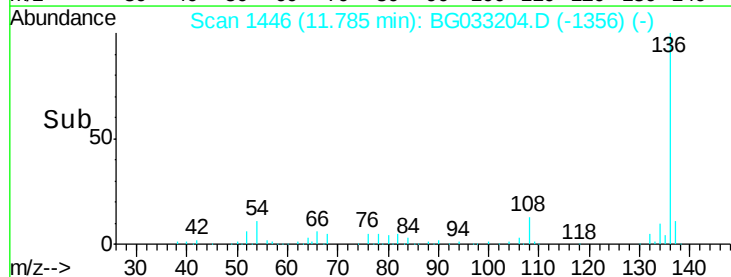
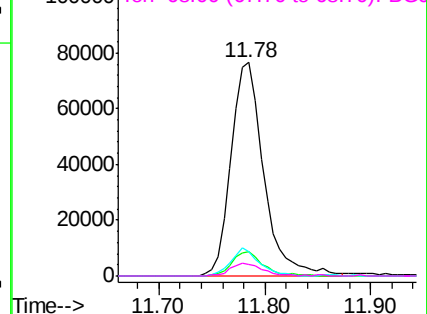
137 11.3 9.2 13.8

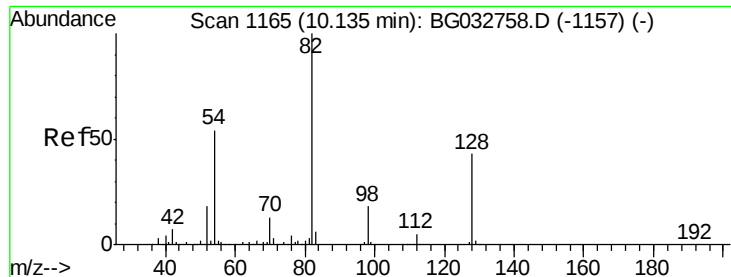
54 11.4 10.3 15.5

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

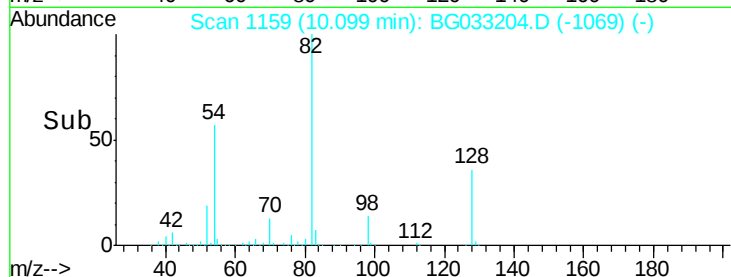
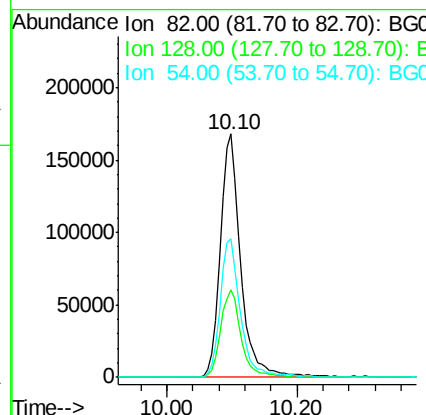
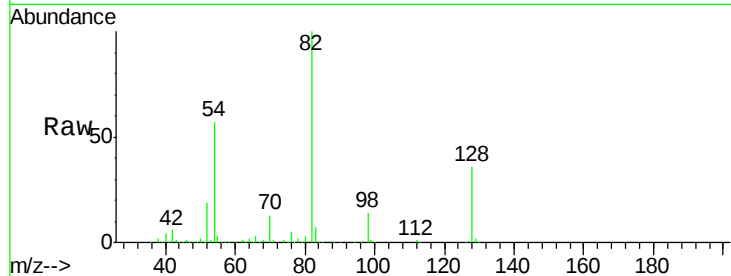




#23
 Nitrobenzene-d5
 Concen: 145.484 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033204.D
 Acq: 16 Mar 2018 18:01

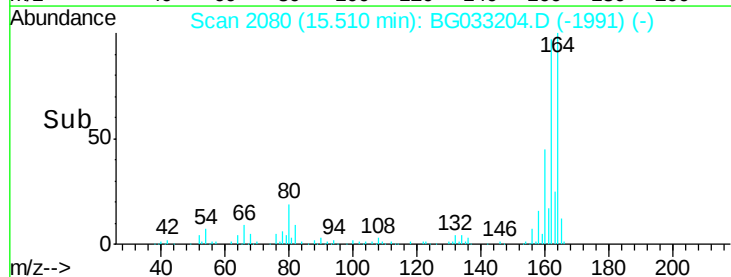
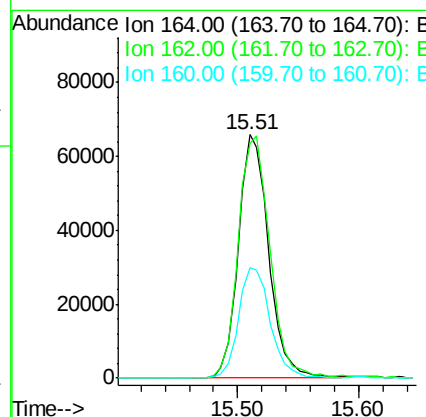
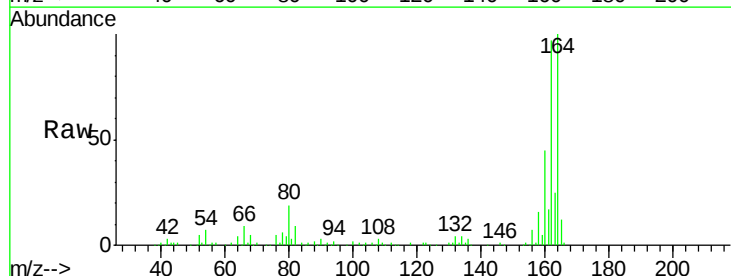
Instrument :
 BNA_G
 ClientSampleId :
 4514-16

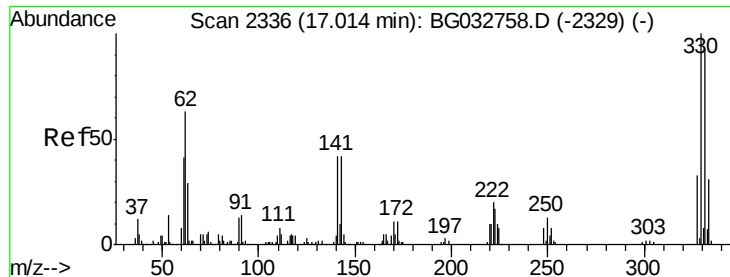
Tot Ion	82	Resp	363598
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.7	44.5
54	57.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG033204.D
 Acq: 16 Mar 2018 18:01

Tgt Ion	164	Resp	115340
Ion Ratio	Lower	Upper	
164	100		
162	96.5	78.8	118.2
160	45.2	35.4	53.0

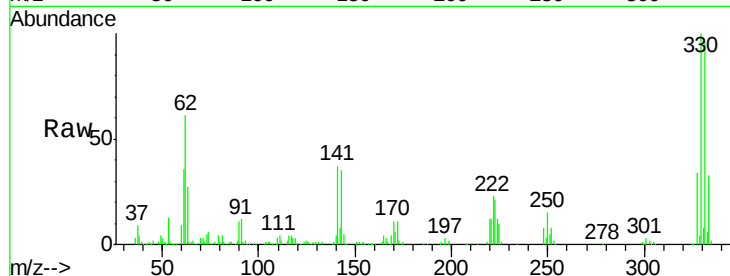




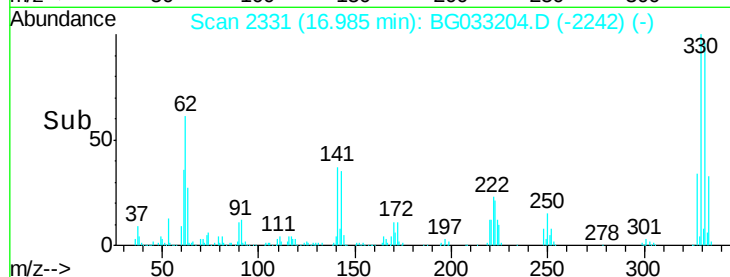
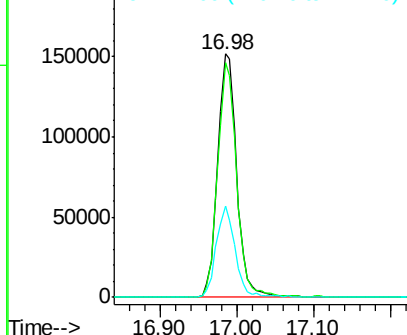
#41
 2,4,6-Tribromophenol
 Concen: 214.084 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033204.D
 Acq: 16 Mar 2018 18:01

Instrument :
 BNA_G
 ClientSampleId :
 4514-16

Tot Ion:330 Resp: 259632
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 36.8 25.2 37.8

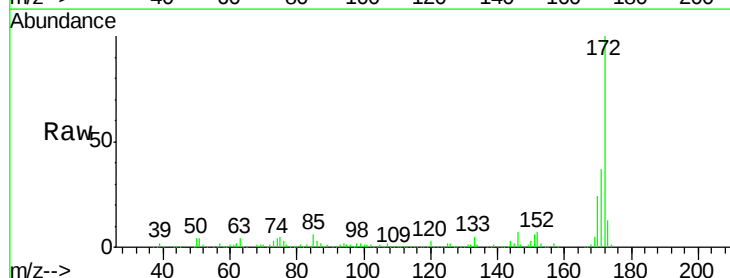


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

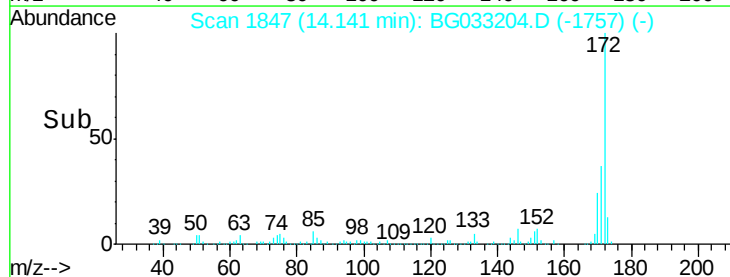
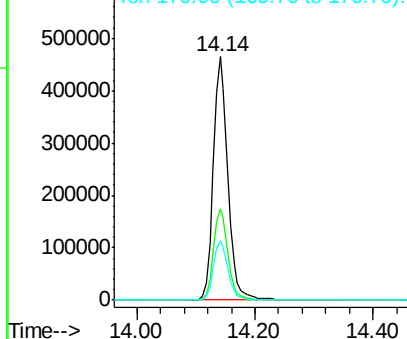


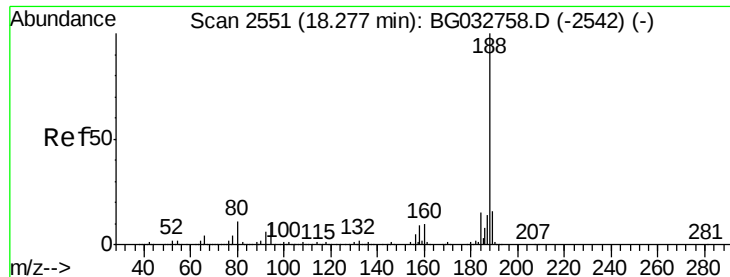
#44
 2-Fluorobiphenyl
 Concen: 99.938 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033204.D
 Acq: 16 Mar 2018 18:01

Tgt Ion:172 Resp: 799228
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.4 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

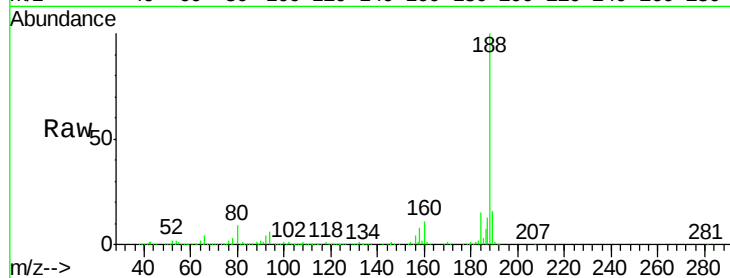




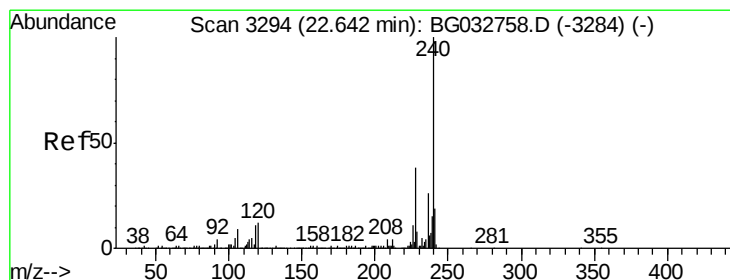
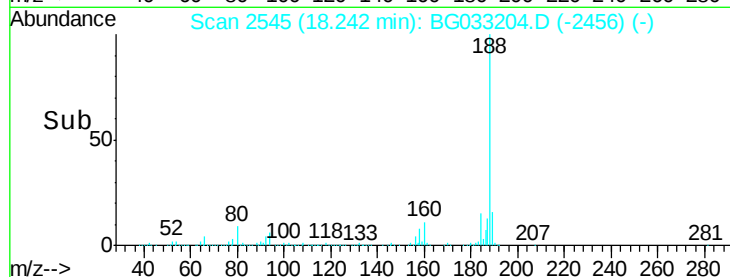
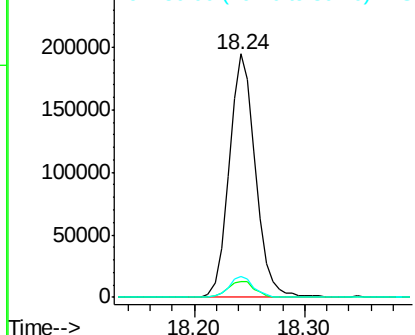
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033204.D
Acq: 16 Mar 2018 18:01

Instrument :
BNA_G
ClientSampleId :
4514-16

Tot Ion:188 Resp: 322875
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.6 7.7 11.5

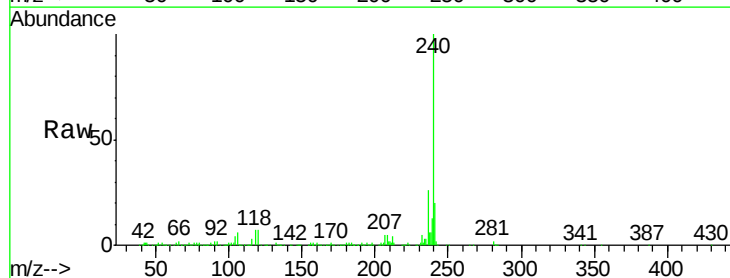


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

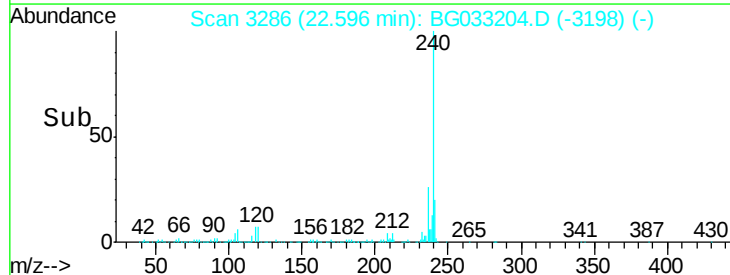
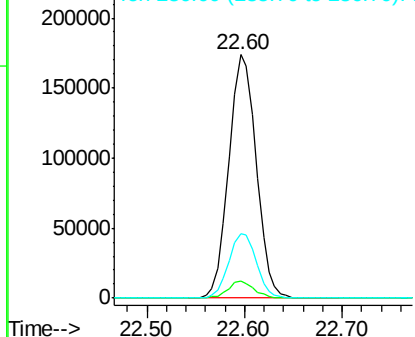


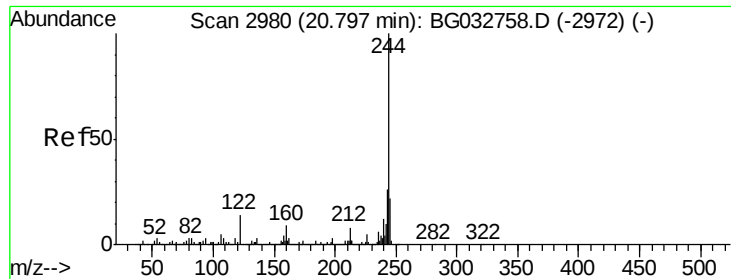
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033204.D
Acq: 16 Mar 2018 18:01

Tgt Ion:240 Resp: 341050
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.3 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: 103.264 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033204.D

Acq: 16 Mar 2018 18:01

Instrument :

BNA_G

ClientSampleId :

4514-16

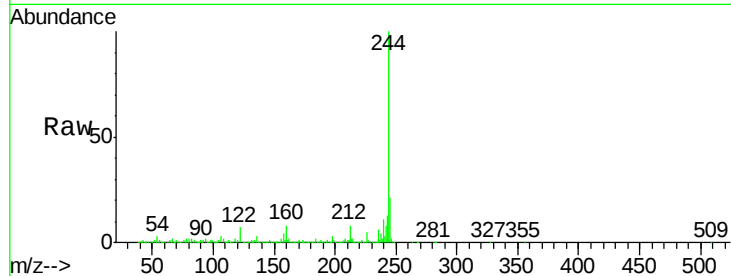
Tot Ion:244 Resp: 1567528

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

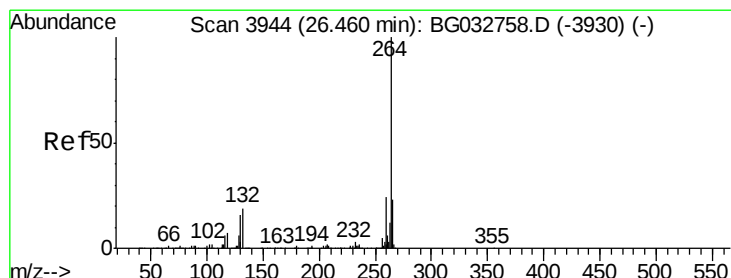
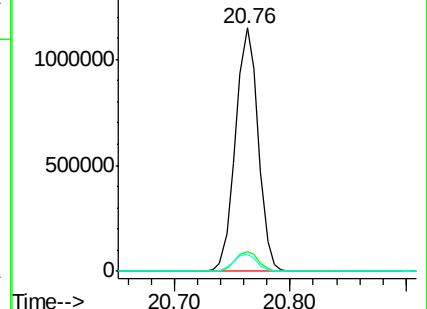
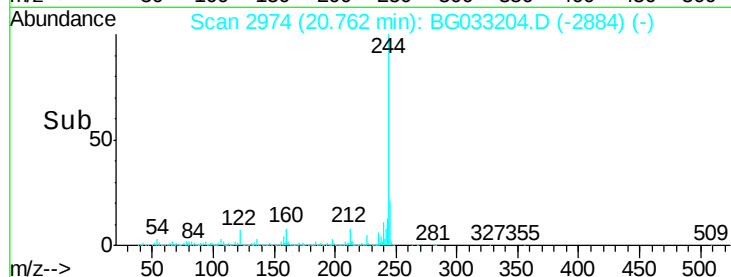
122 7.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033204.D

Acq: 16 Mar 2018 18:01

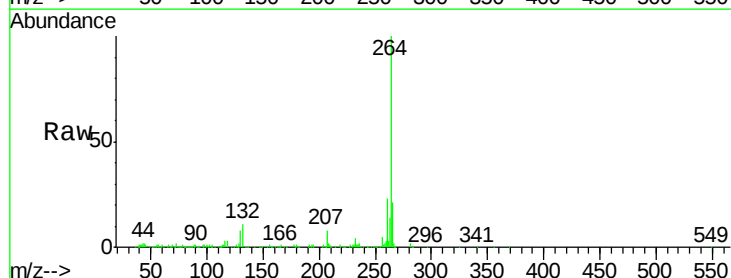
Tgt Ion:264 Resp: 366040

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.0 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

