

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031716.D
 Acq On : 22 Dec 2017 18:10
 Operator : SJ/JU
 Sample : PB105237BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

Quant Time: Dec 23 01:31:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	47519	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	190854	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	132889	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	344681	20.00	ng	0.00
75) Chrysene-d12	22.56	240	421055	20.00	ng	-0.01
86) Perylene-d12	26.35	264	449493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	351085	134.57	ng	0.00
7) Phenol-d6	7.93	99	435360	128.53	ng	0.00
23) Nitrobenzene-d5	10.02	82	231071	91.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	287560	141.82	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	871764	82.34	ng	0.00
78) Terphenyl-d14	20.73	244	1642976	89.15	ng	0.00

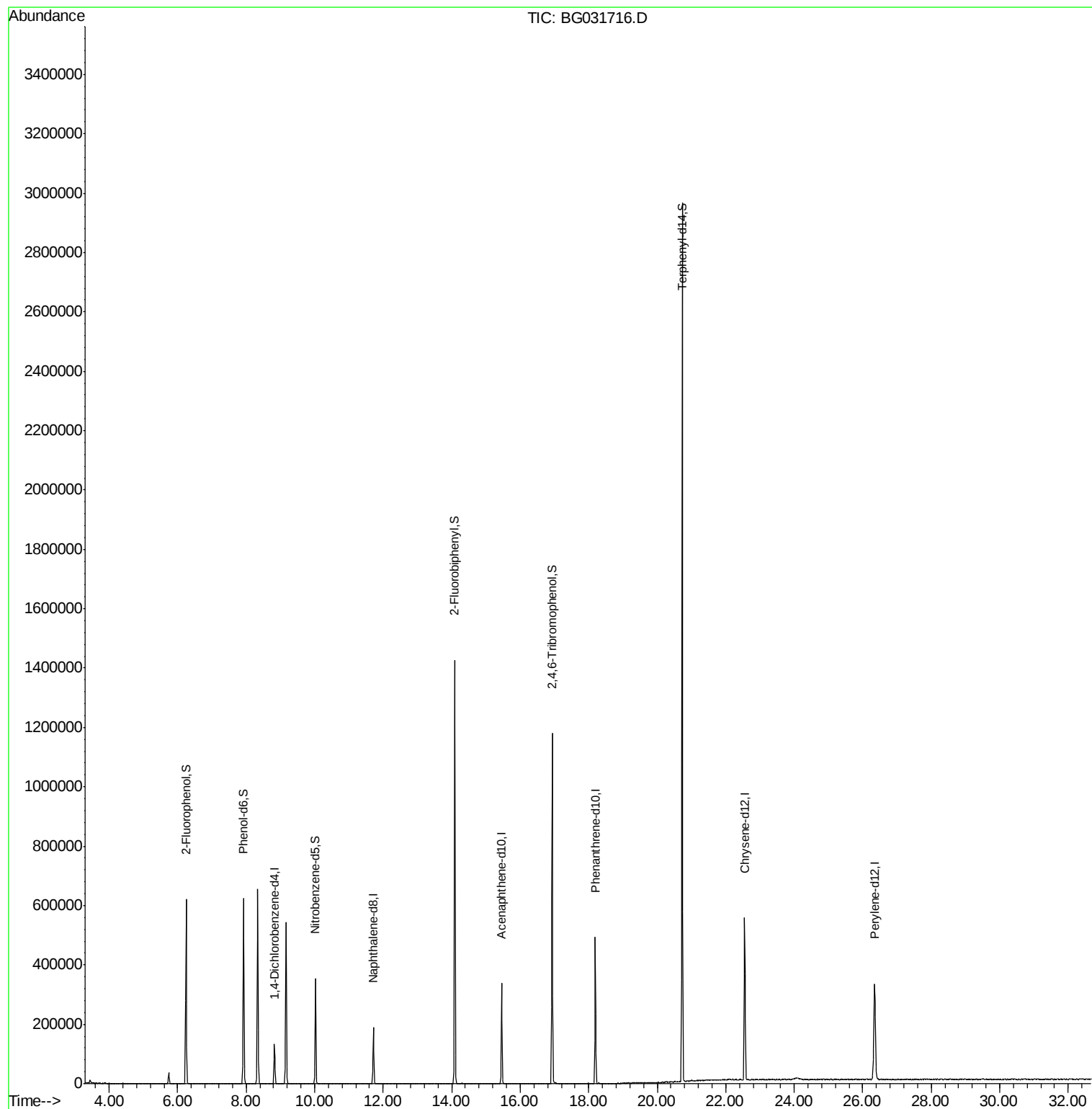
Target Compounds	Qvalue
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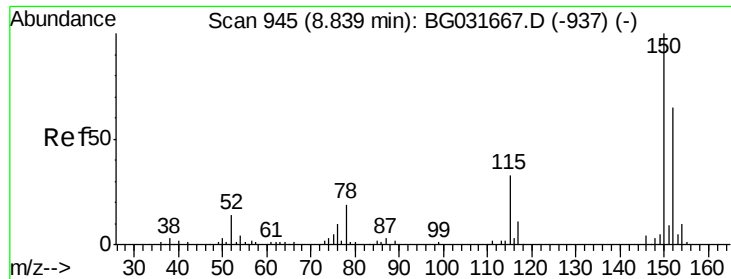
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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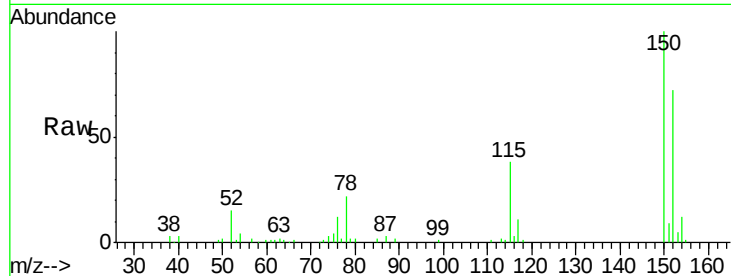


#1

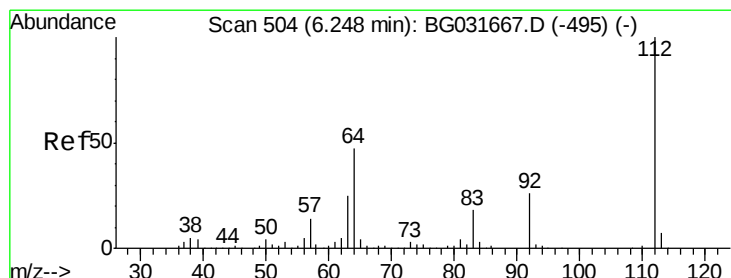
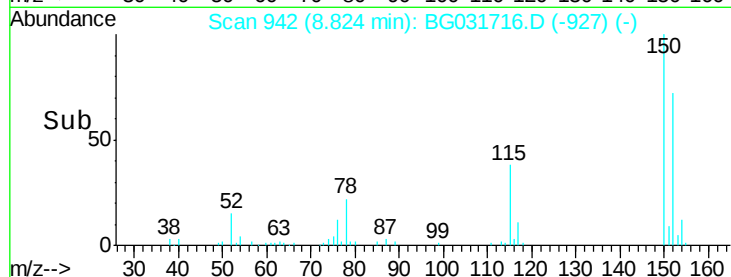
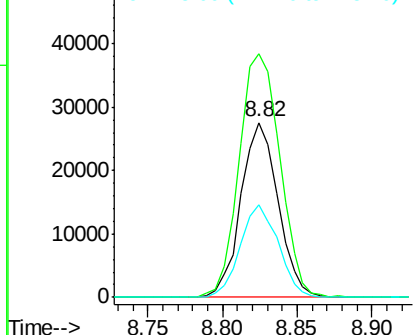
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Instrument :
BNA_G
ClientSampleId :
PB105237BL

Tgt Ion:152 Resp: 47519
Ion Ratio Lower Upper
152 100
150 139.5 126.6 189.8
115 53.3 53.0 79.4



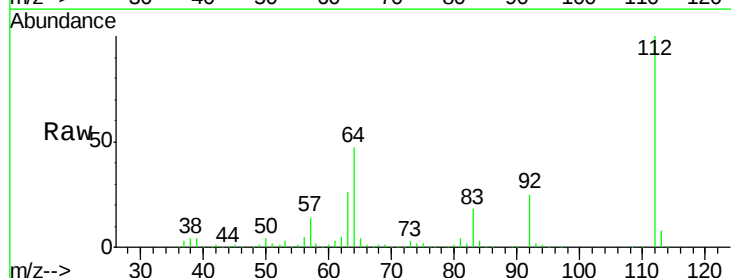
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



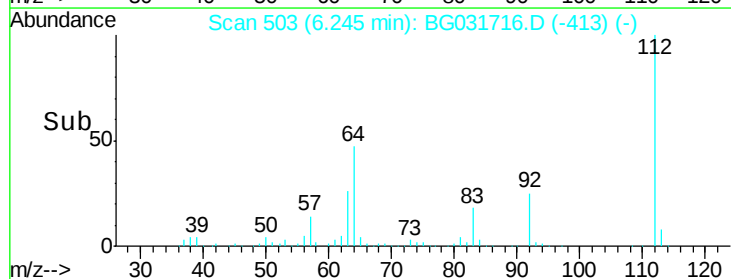
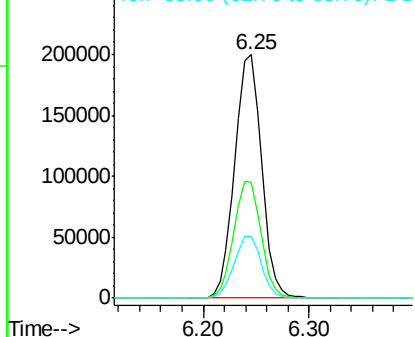
#5

2-Fluorophenol
Concen: 134.569 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Tgt Ion:112 Resp: 351085
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 25.5 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: 128.528 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Instrument :

BNA_G

ClientSampleId :

PB105237BL

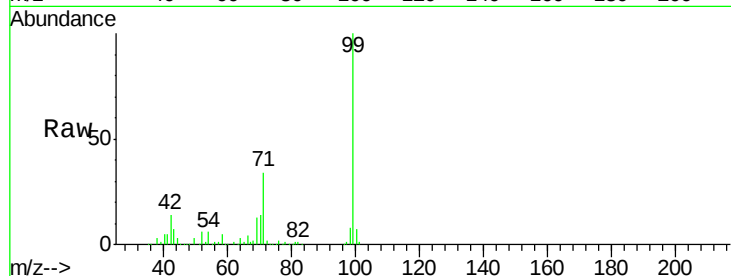
Tgt Ion: 99 Resp: 435360

Ion Ratio Lower Upper

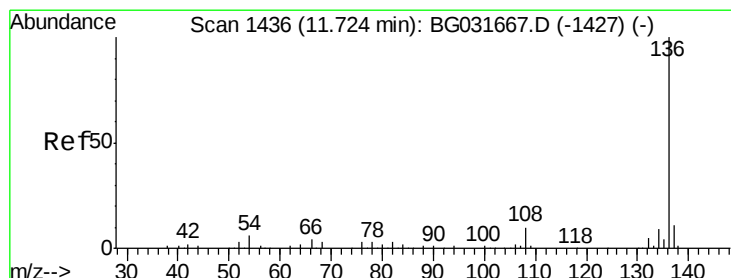
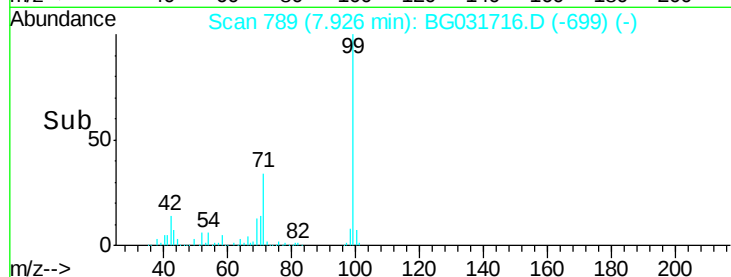
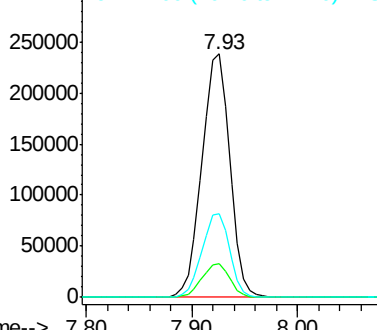
99 100

42 13.9 14.1 21.1#

71 34.1 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: 11.72 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031716.D

Acq: 22 Dec 2017 18:10

Tgt Ion: 136 Resp: 190854

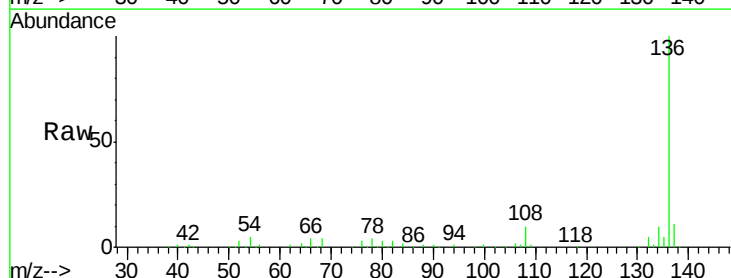
Ion Ratio Lower Upper

136 100

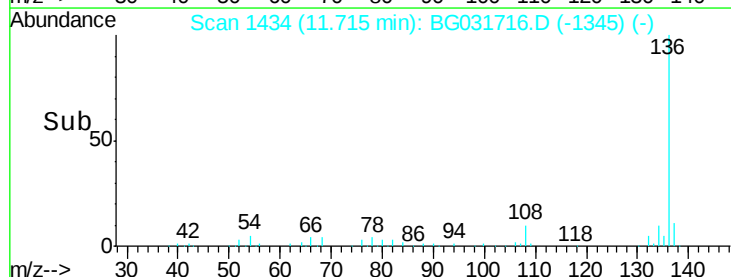
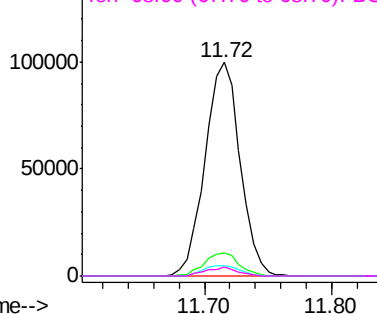
137 10.9 9.2 13.8

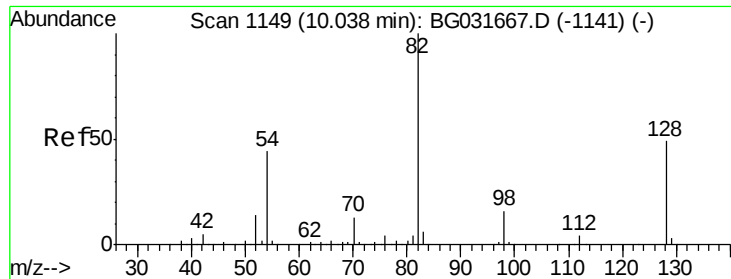
54 5.0 10.3 15.5#

68 4.1 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

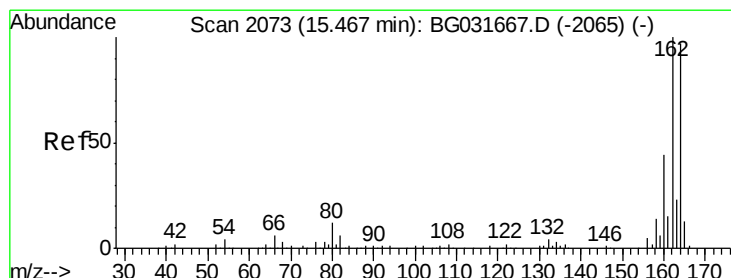
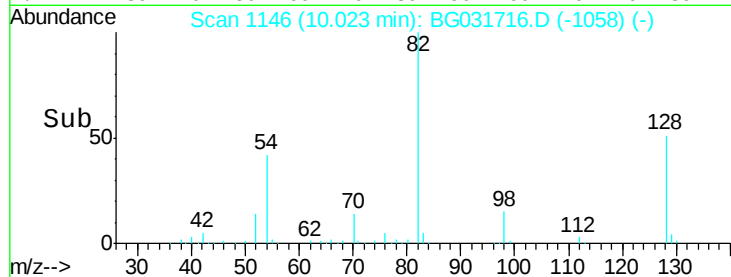
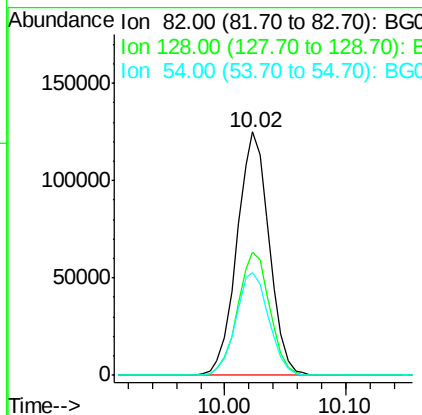
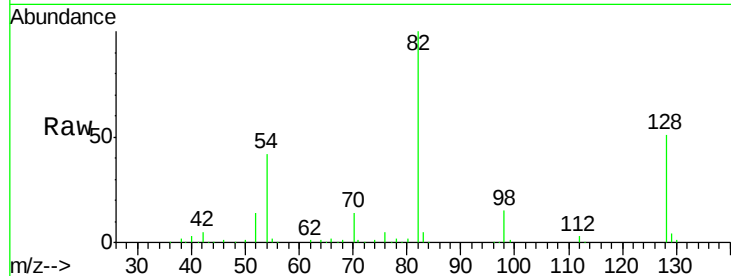




#23
 Nitrobenzene-d5
 Concen: 91.424 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

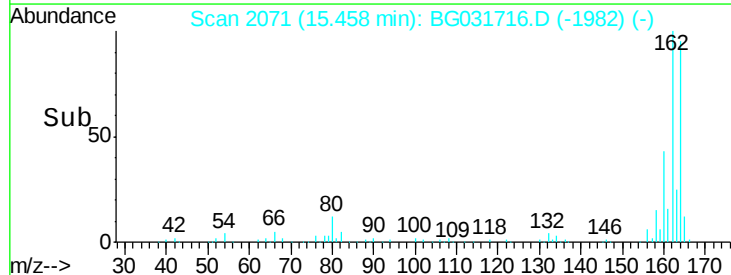
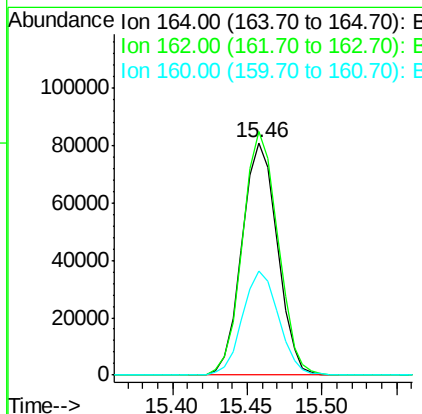
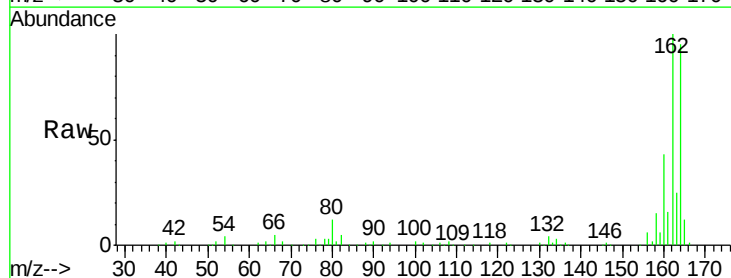
Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

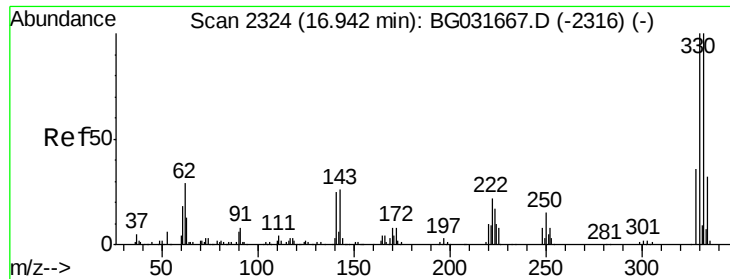
Tgt Ion: 82 Resp: 231071
 Ion Ratio Lower Upper
 82 100
 128 50.6 29.7 44.5#
 54 42.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Tgt Ion: 164 Resp: 132889
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 45.0 35.4 53.0

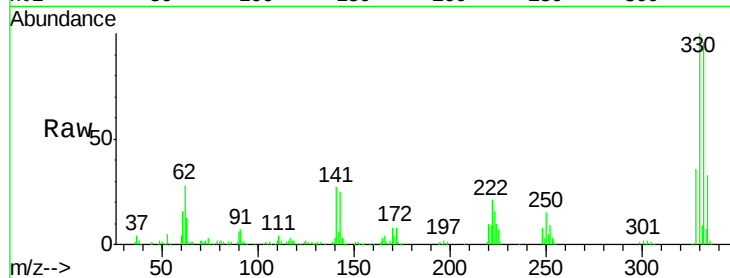




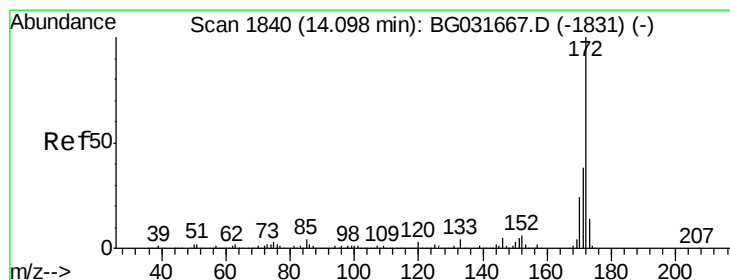
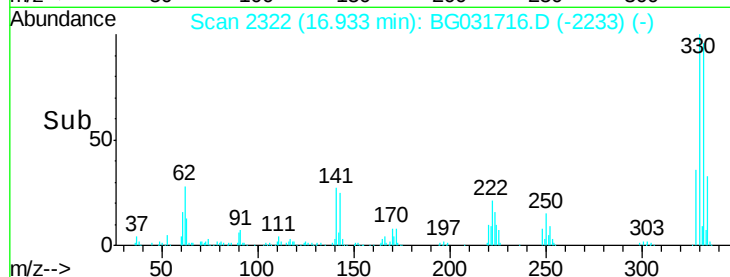
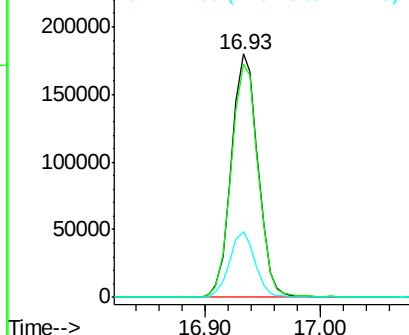
#41
 2,4,6-Tribromophenol
 Concen: 141.816 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	25.9	25.2	37.8

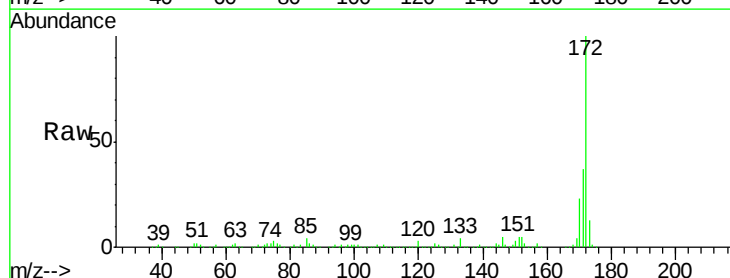


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

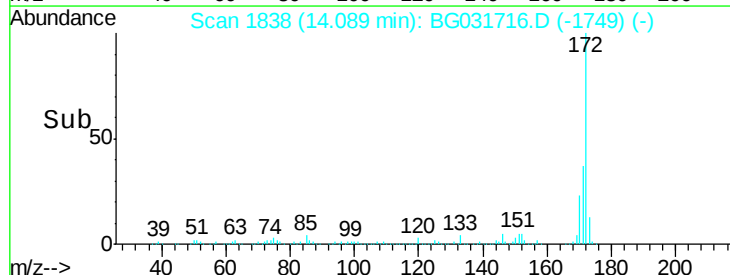
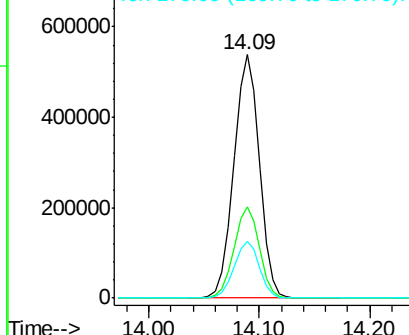


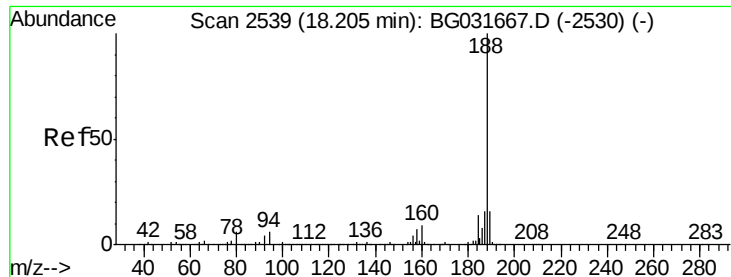
#44
 2-Fluorobiphenyl
 Concen: 82.338 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.3	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

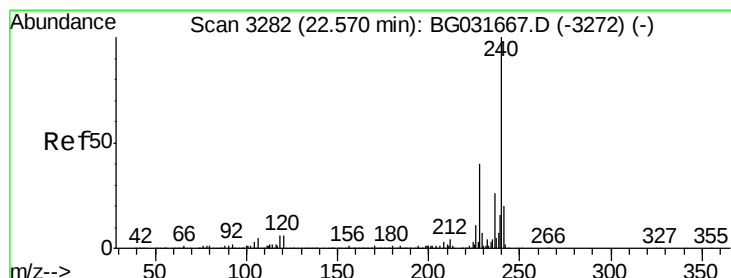
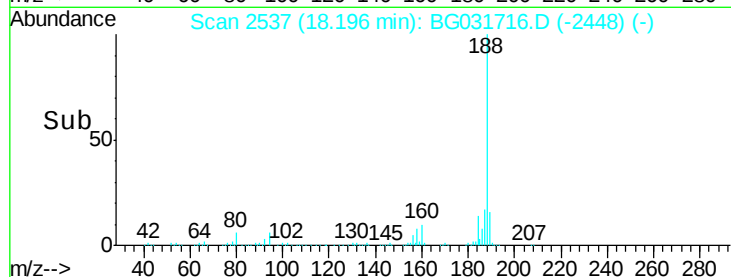
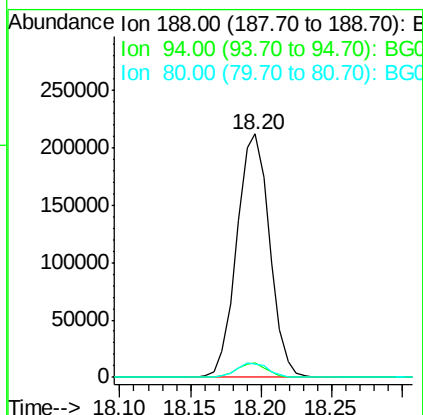
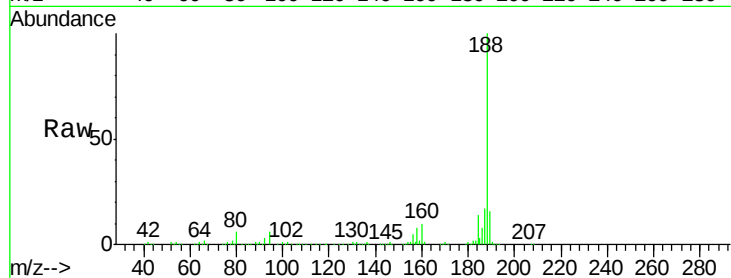




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

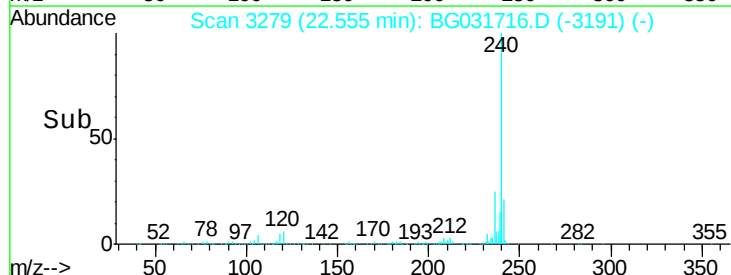
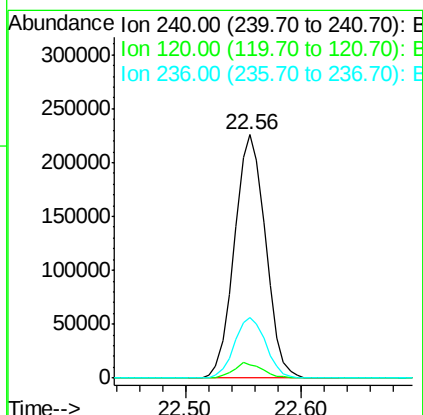
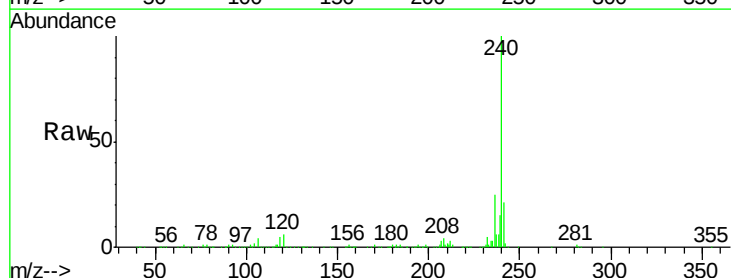
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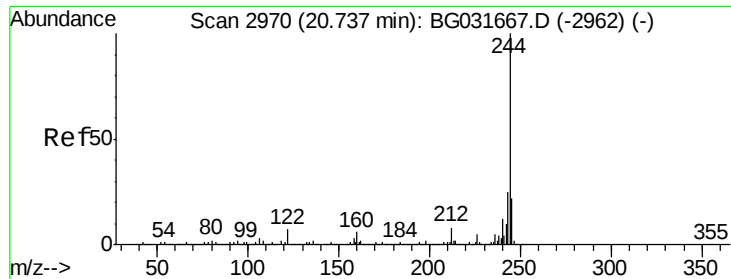
Tgt Ion:188 Resp: 344681
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 5.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031716.D
Acq: 22 Dec 2017 18:10

Tgt Ion:240 Resp: 421055
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.9 20.9 31.3

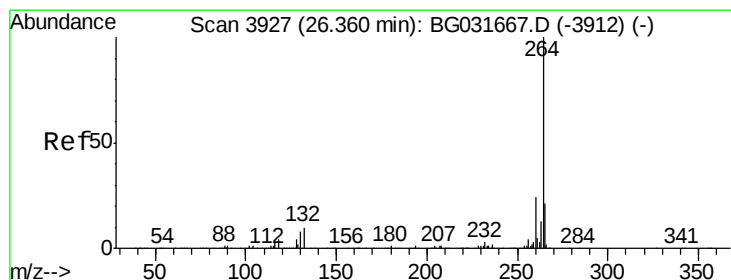
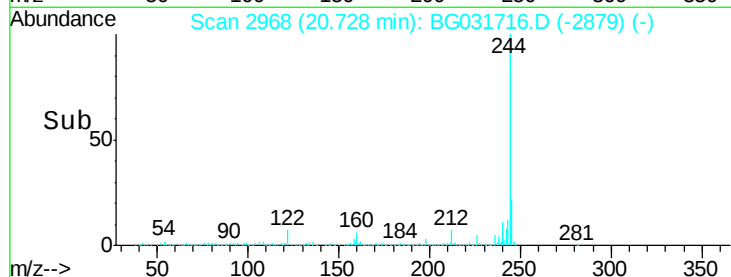
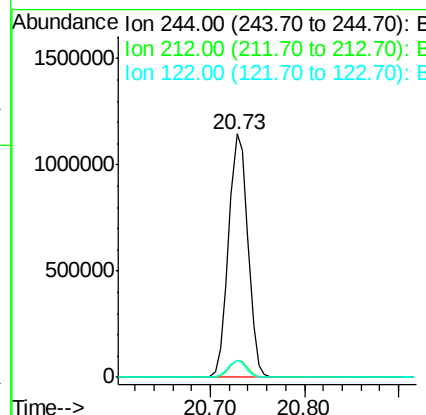
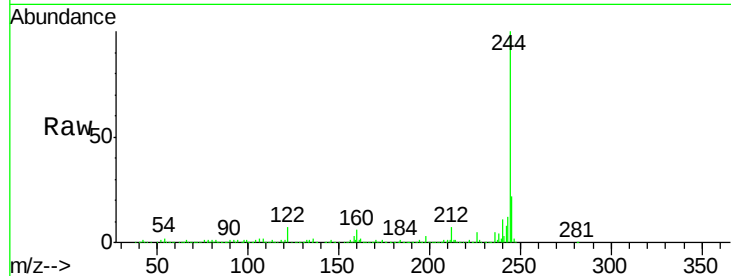




#78
 Terphenyl-d14
 Concen: 89.148 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Instrument :
 BNA_G
 ClientSampleId :
 PB105237BL

Tgt Ion:244 Resp: 1642976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.35 min Scan# 3925
 Delta R.T. -0.01 min
 Lab File: BG031716.D
 Acq: 22 Dec 2017 18:10

Tgt Ion:264 Resp: 449493
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 23.2 17.7 26.5

