

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031442.D
 Acq On : 9 Dec 2017 5:59
 Operator : SJ/JU
 Sample : I6677-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120717-B

Quant Time: Dec 11 04:43:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	37609	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	168953	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	119917	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	360472	20.00	ng	0.00
75) Chrysene-d12	21.77	240	424058	20.00	ng	0.00
86) Perylene-d12	25.06	264	400244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	331429	151.11	ng	0.00
7) Phenol-d6	7.29	99	418644	141.68	ng	0.00
23) Nitrobenzene-d5	9.29	82	297011	104.17	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	248787	128.25	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	870432	104.30	ng	0.00
78) Terphenyl-d14	20.08	244	1909404	99.42	ng	0.00

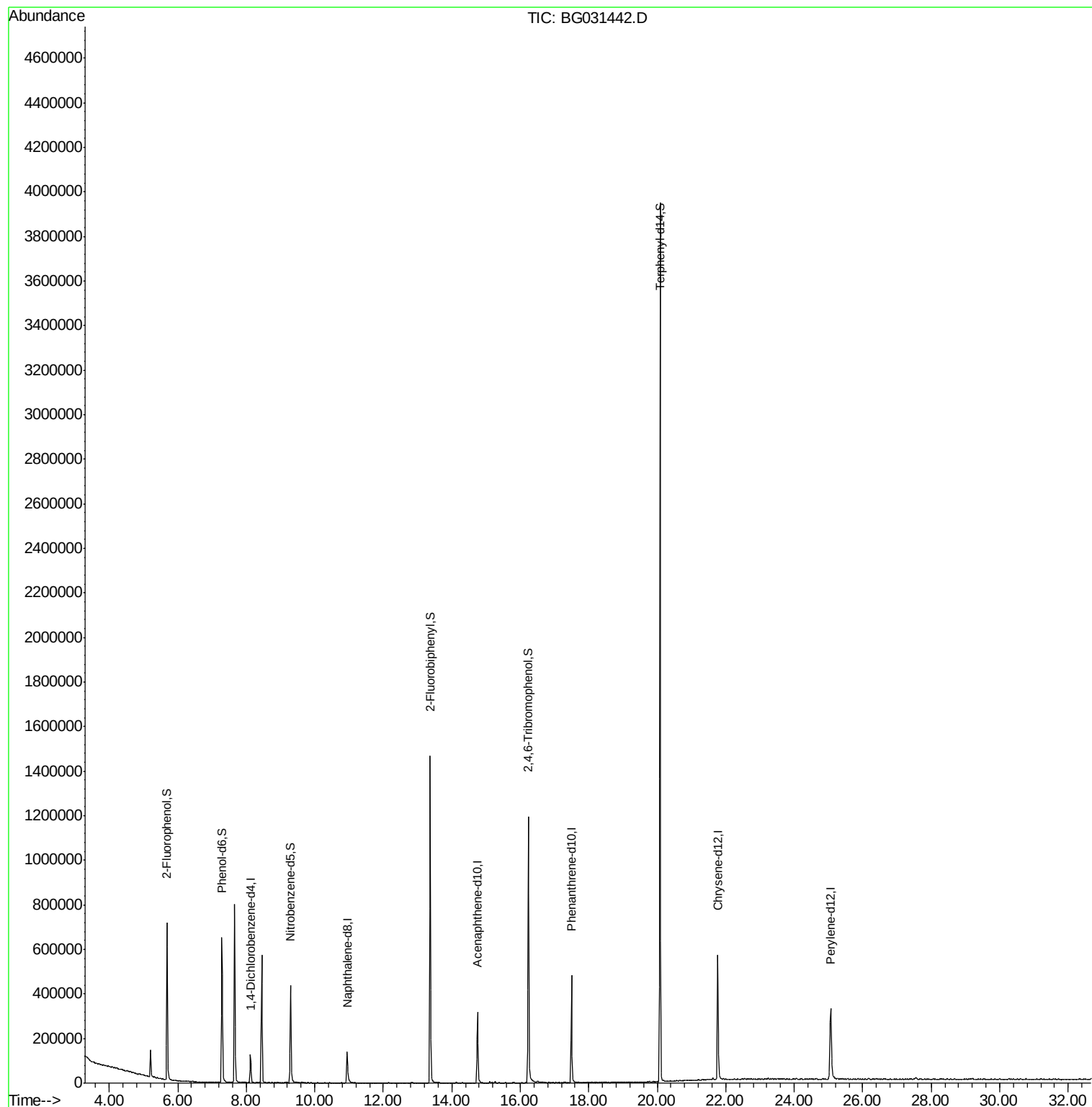
Target Compounds	Qvalue
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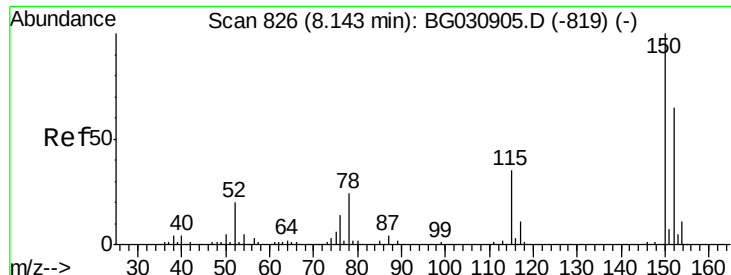
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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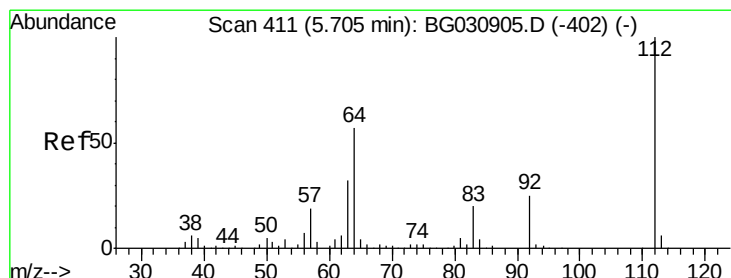
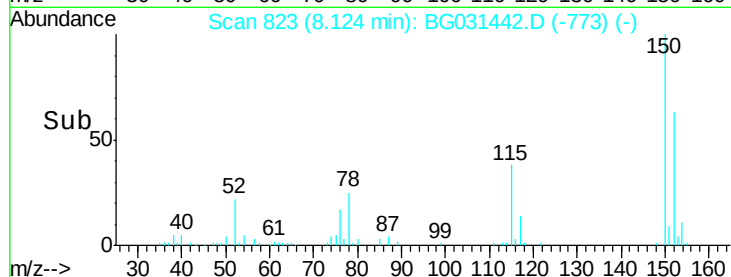
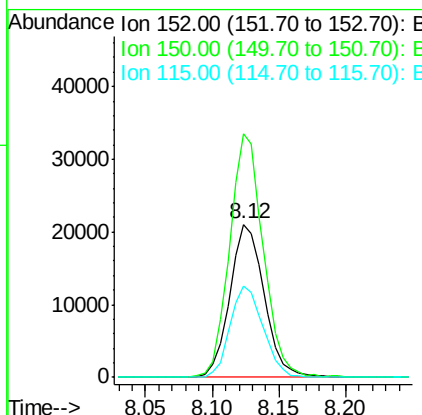
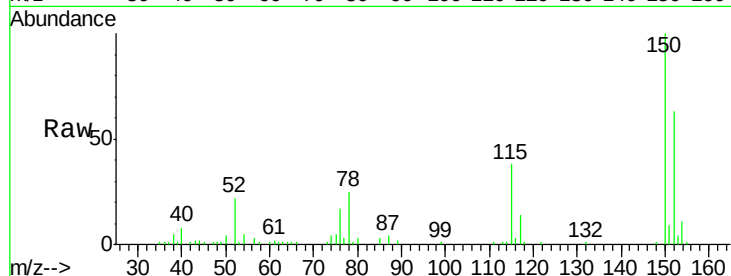


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031442.D
Acq: 9 Dec 2017 5:59

Instrument :
BNA_G
ClientSampleId :
OR-03-120717-B

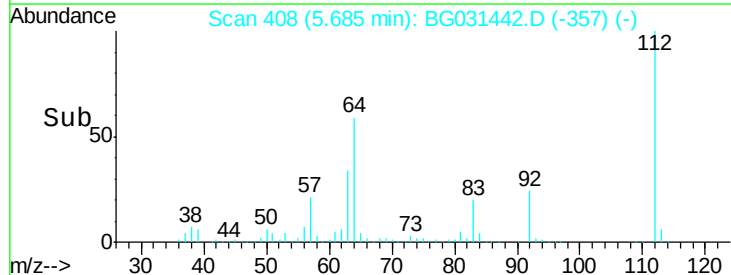
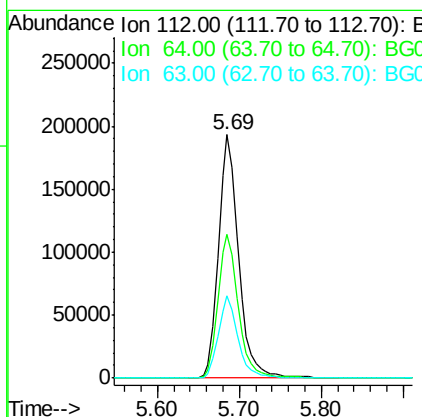
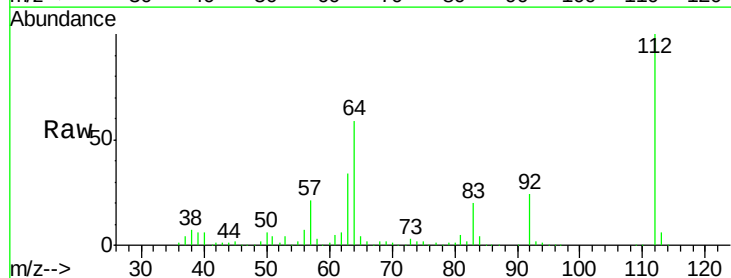
Tgt Ion:152 Resp: 37609
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 59.9 53.0 79.4

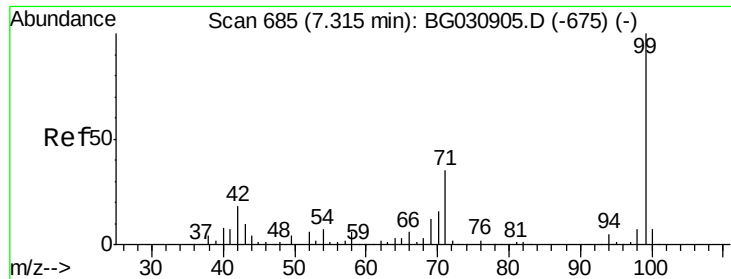


#5

2-Fluorophenol
Concen: 151.113 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031442.D
Acq: 9 Dec 2017 5:59

Tgt Ion:112 Resp: 331429
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 141.683 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031442.D

Acq: 9 Dec 2017 5:59

Instrument :

BNA_G

ClientSampleId :

OR-03-120717-B

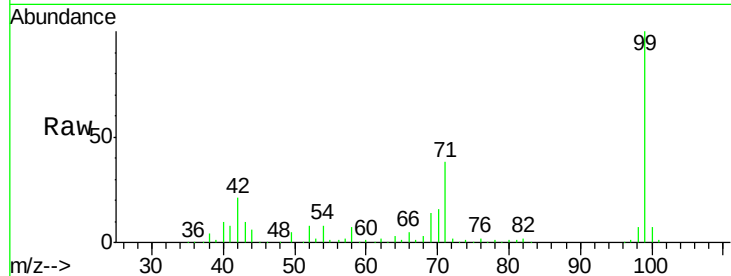
Tgt Ion: 99 Resp: 418644

Ion Ratio Lower Upper

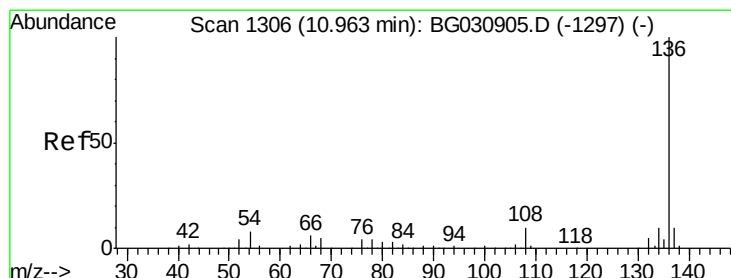
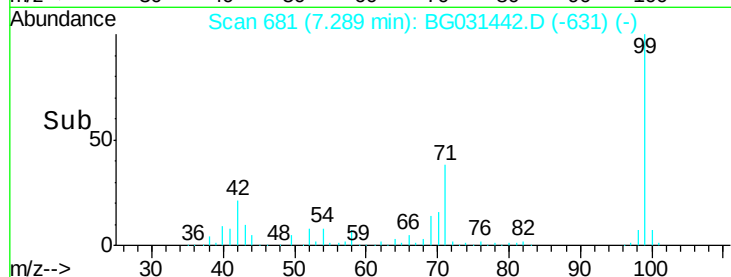
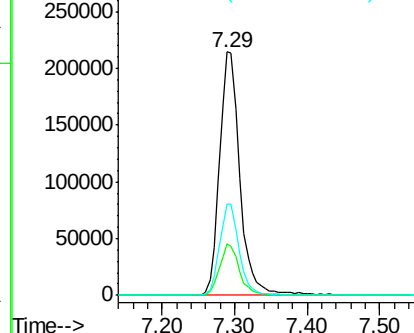
99 100

42 21.2 14.1 21.1#

71 37.6 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031442.D

Acq: 9 Dec 2017 5:59

Tgt Ion: 136 Resp: 168953

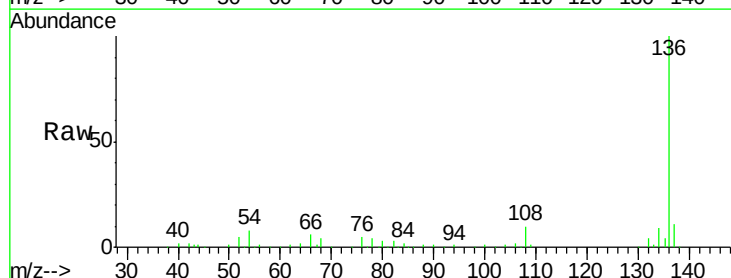
Ion Ratio Lower Upper

136 100

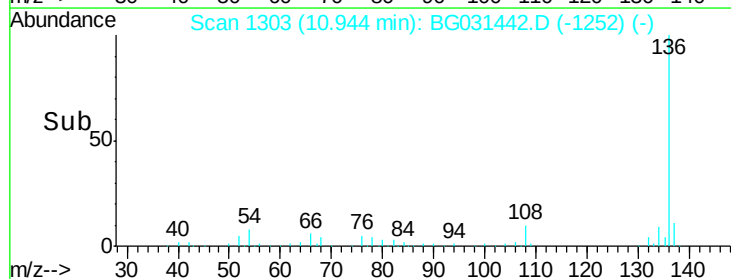
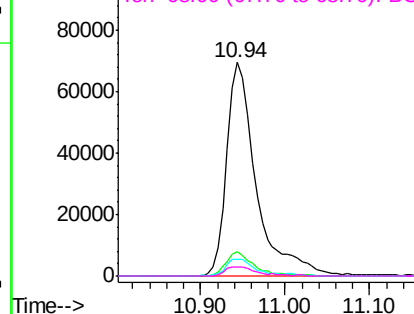
137 11.1 9.2 13.8

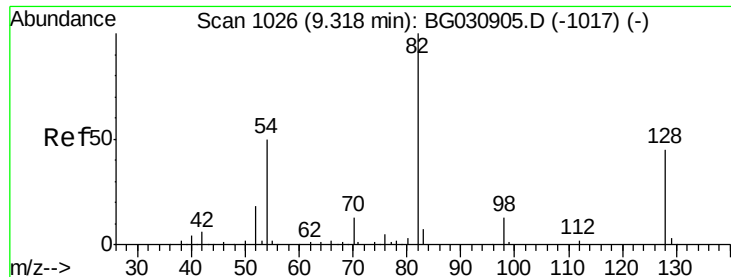
54 8.0 10.3 15.5#

68 4.3 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

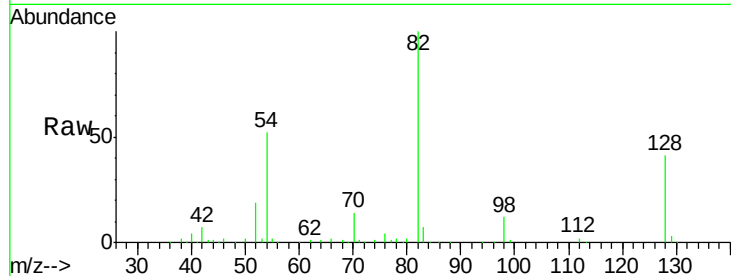




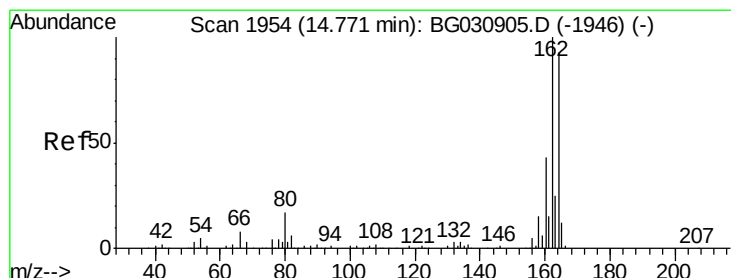
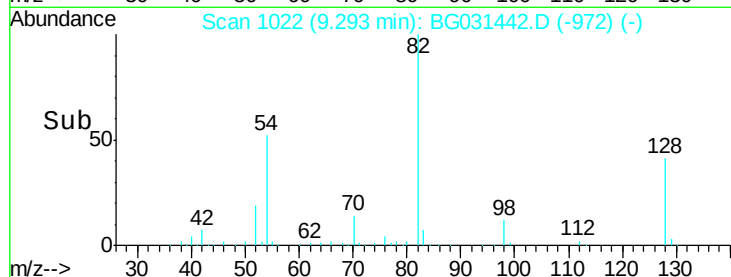
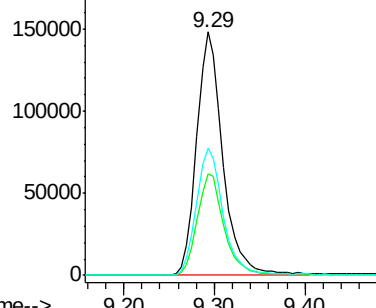
#23
 Nitrobenzene-d5
 Concen: 104.170 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120717-B

Tgt Ion: 82 Resp: 297011
 Ion Ratio Lower Upper
 82 100
 128 41.5 29.7 44.5
 54 52.0 43.1 64.7

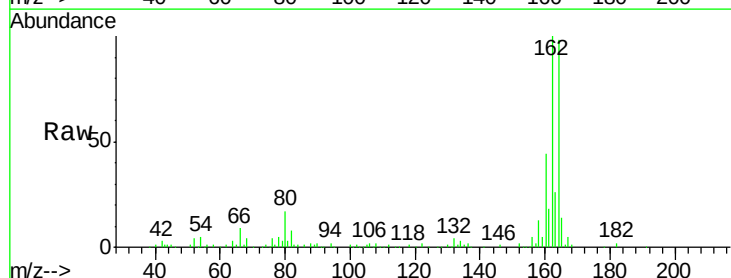


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

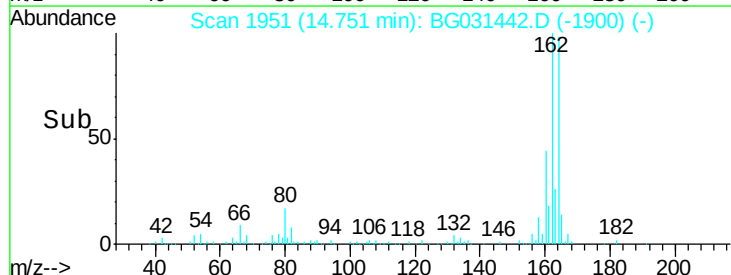
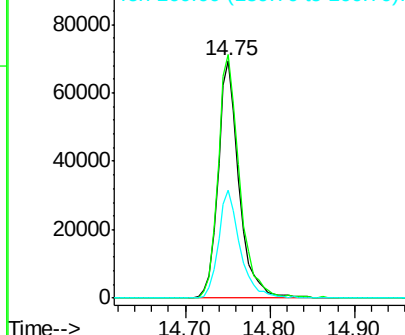


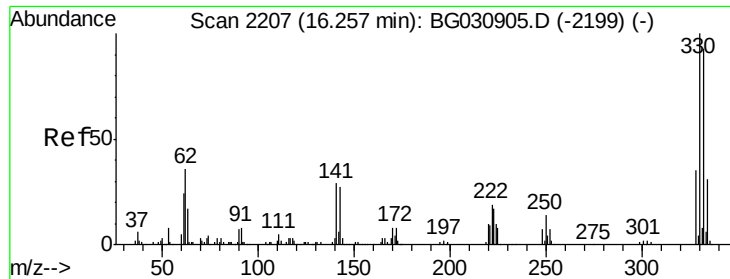
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

Tgt Ion: 164 Resp: 119917
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

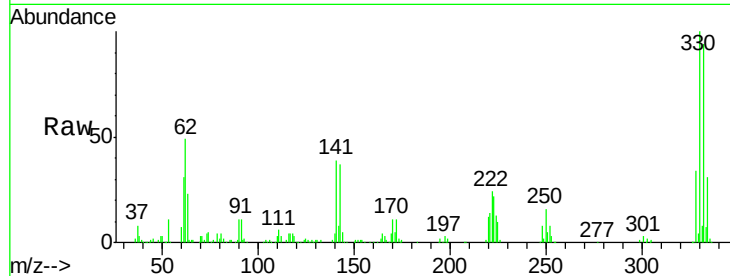




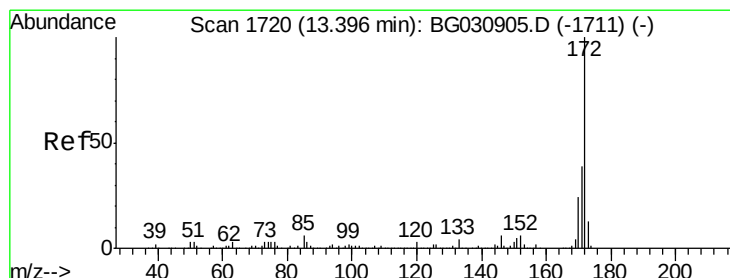
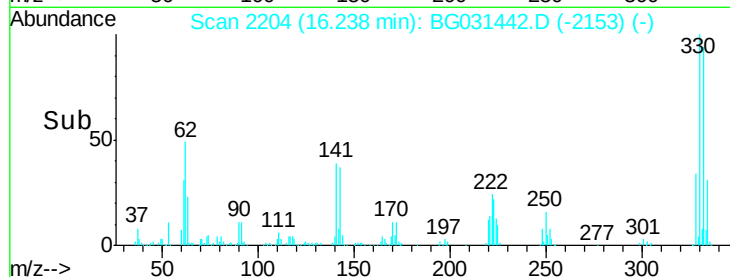
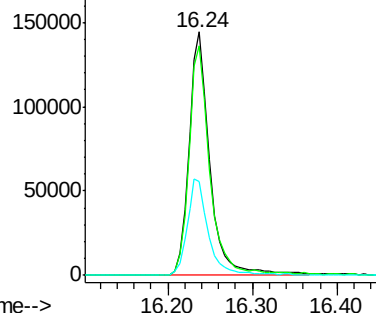
#41
 2,4,6-Tribromophenol
 Concen: 128.250 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120717-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.5	25.2	37.8#

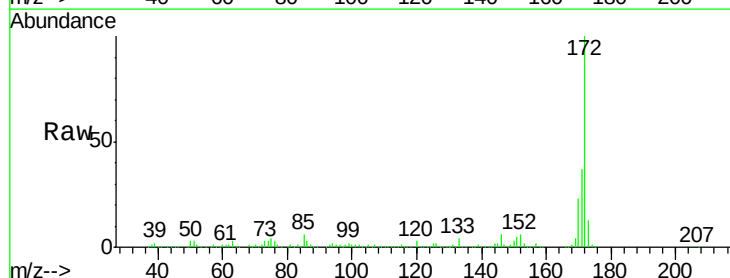


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

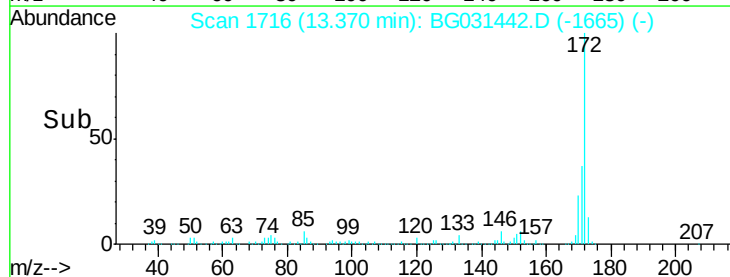
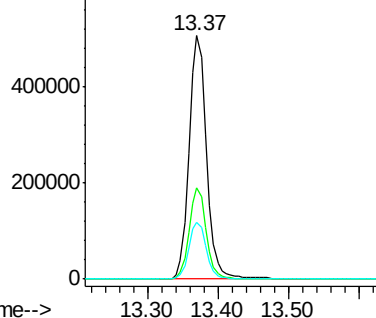


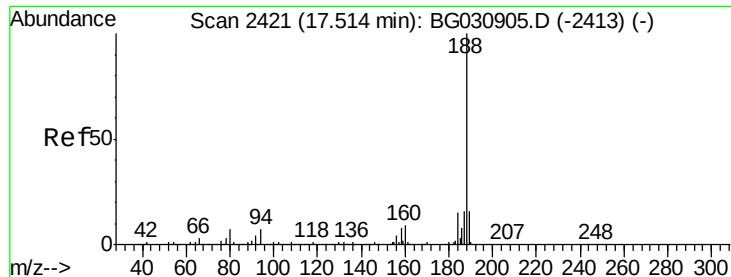
#44
 2-Fluorobiphenyl
 Concen: 104.298 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.4	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

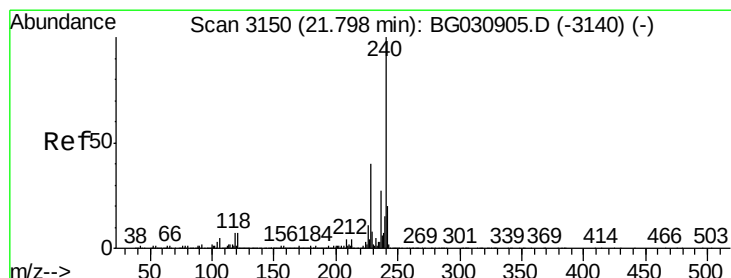
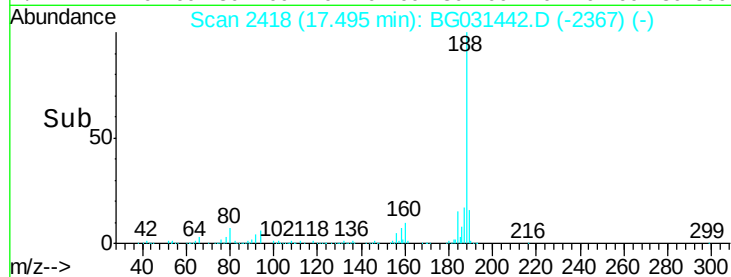
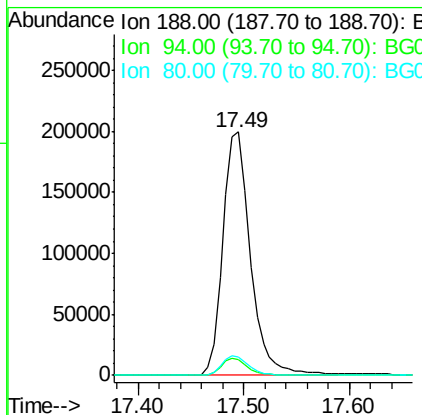
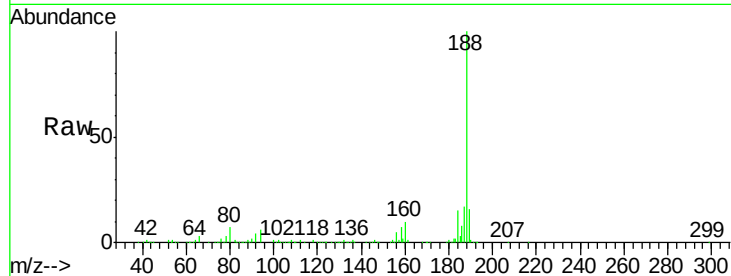




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

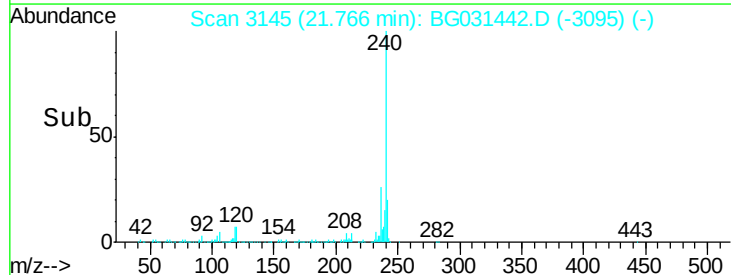
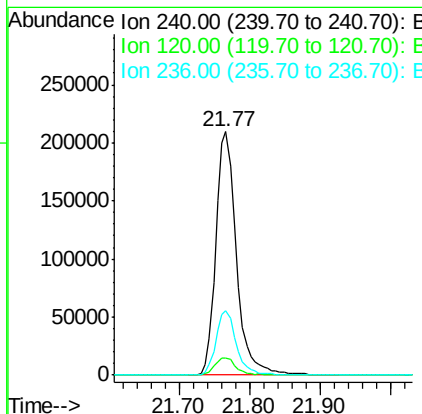
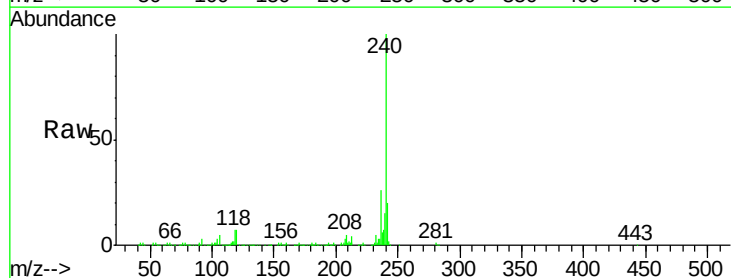
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120717-B

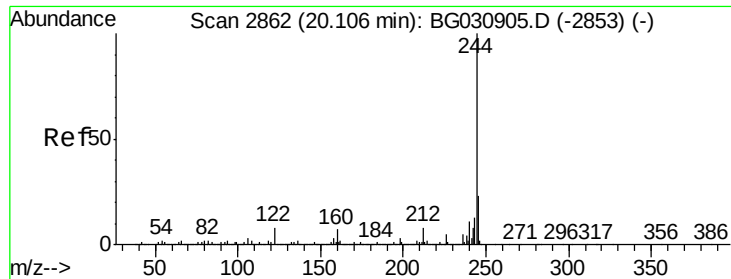
Tgt Ion:188 Resp: 360472
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.5 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG031442.D
 Acq: 9 Dec 2017 5:59

Tgt Ion:240 Resp: 424058
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.8 10.2
 236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 99.423 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031442.D

Acq: 9 Dec 2017 5:59

Instrument :

BNA_G

ClientSampleId :

OR-03-120717-B

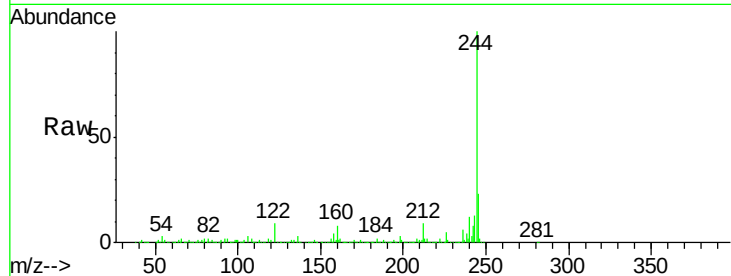
Tgt Ion:244 Resp: 1909404

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

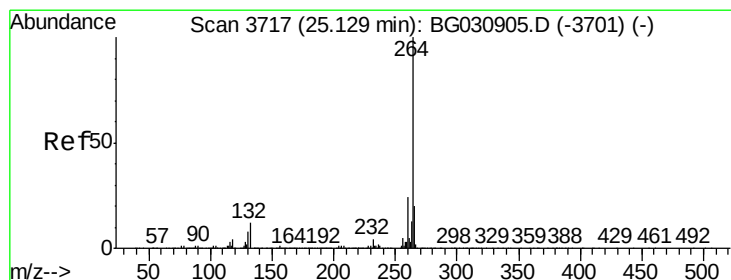
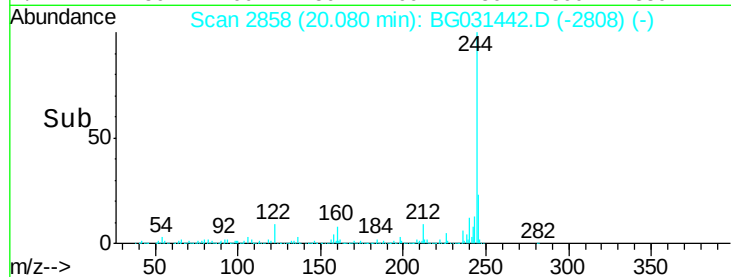
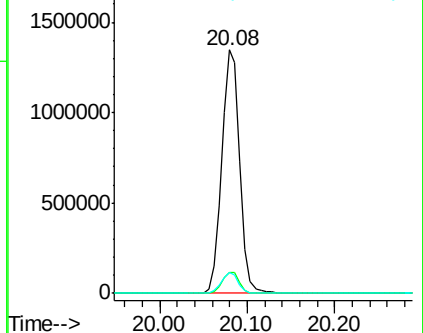
122 8.6 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031442.D

Acq: 9 Dec 2017 5:59

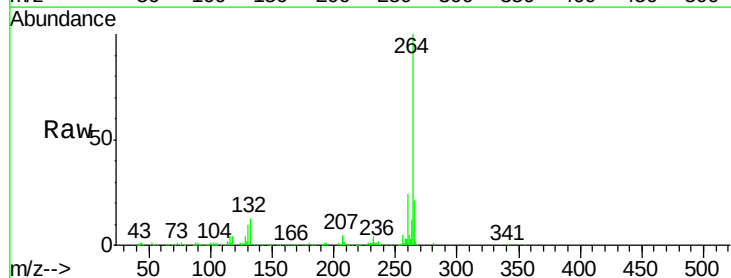
Tgt Ion:264 Resp: 400244

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.1 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

