

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031424.D
 Acq On : 8 Dec 2017 15:27
 Operator : SJ/JU
 Sample : PB104851TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 16:29:47 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	8.13	152	41585	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	179373	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	129653	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	405178	20.00	ng	0.00
75) Chrysene-d12	21.77	240	478728	20.00	ng	0.00
86) Perylene-d12	25.06	264	456662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	281041	115.89	ng	0.00
7) Phenol-d6	7.29	99	365223	111.79	ng	0.00
23) Nitrobenzene-d5	9.29	82	219242	72.43	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	201902	96.26	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	657565	72.88	ng	0.00
78) Terphenyl-d14	20.08	244	1592235	73.44	ng	0.00

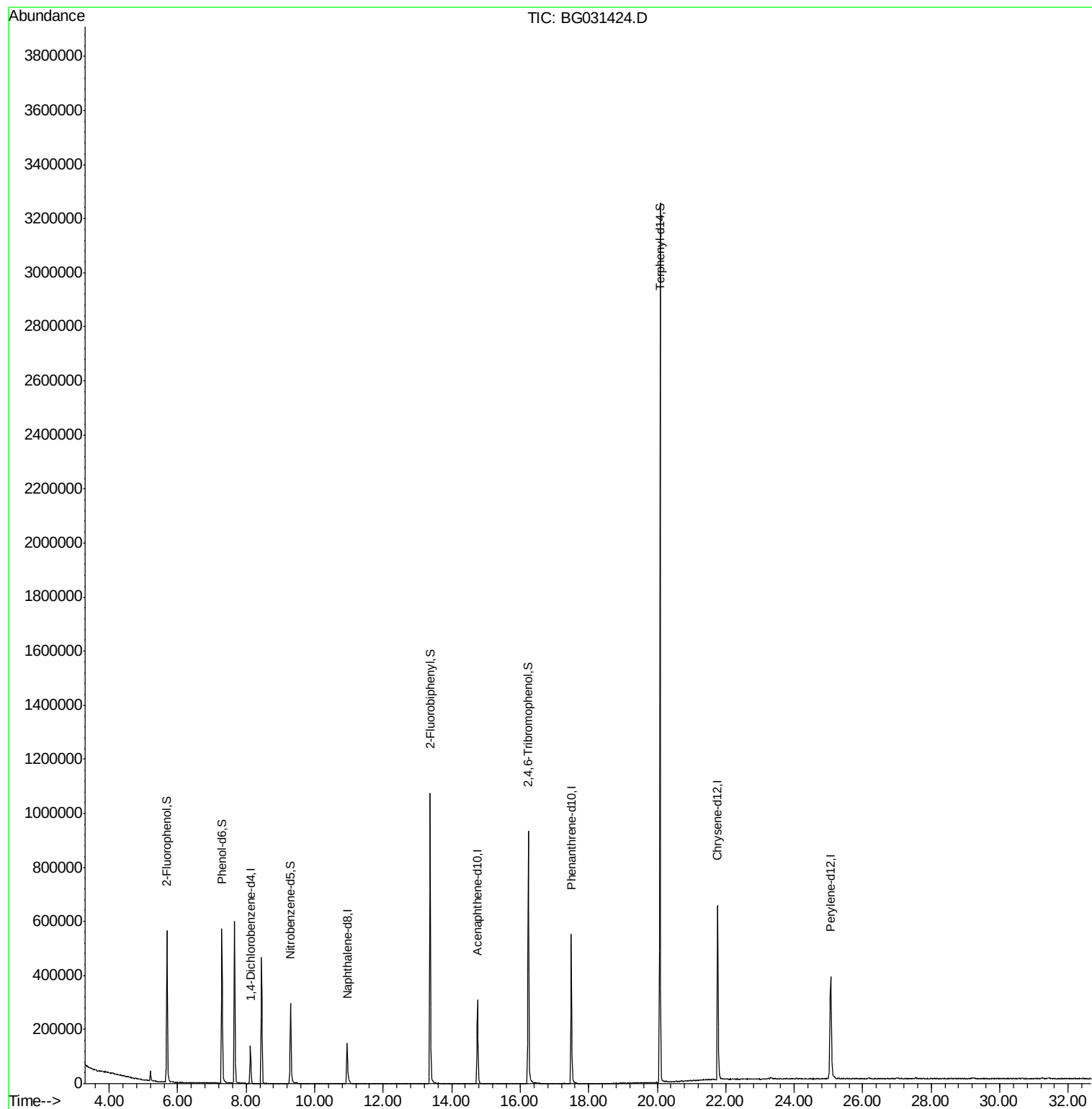
Target Compounds Qvalue

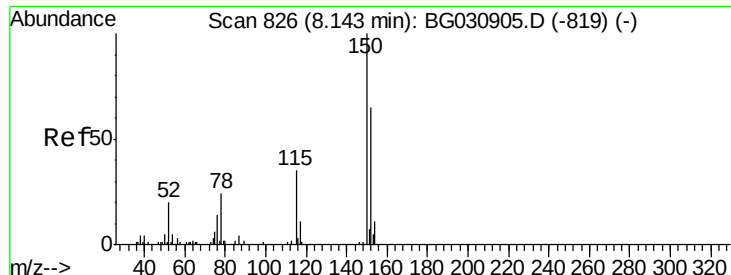
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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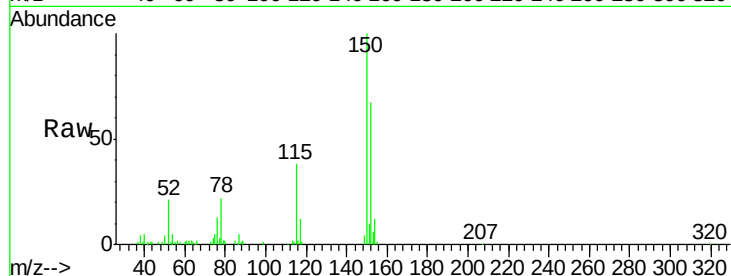


#1

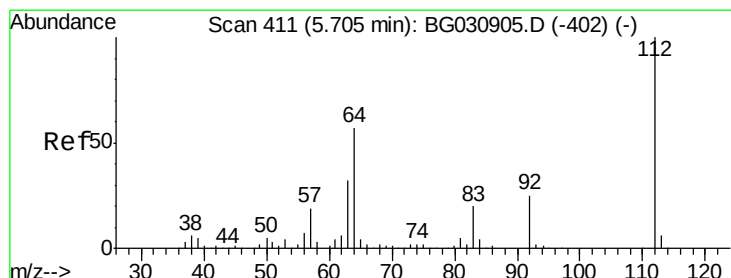
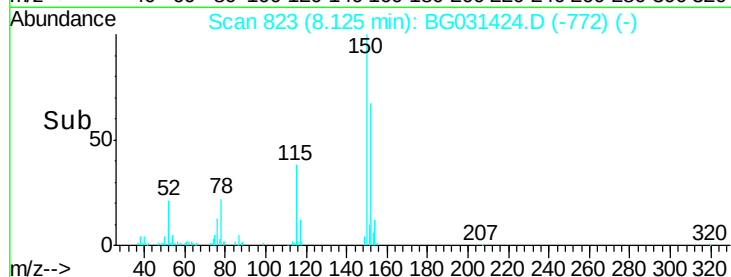
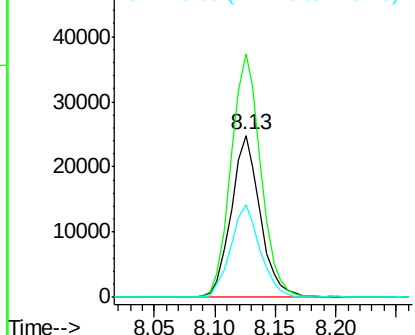
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41585
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 56.8 53.0 79.4



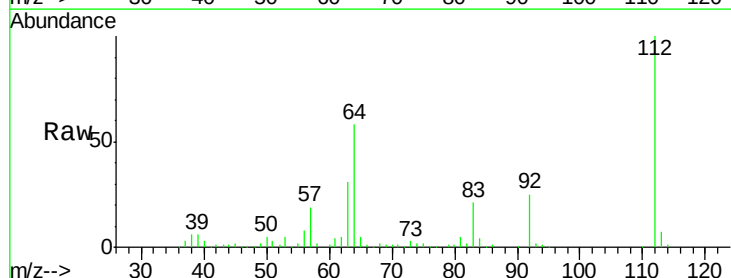
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



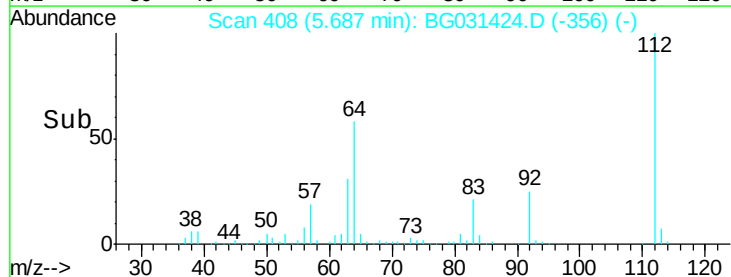
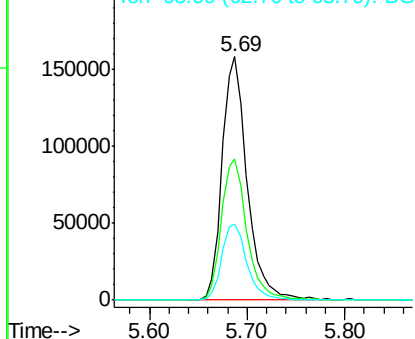
#5

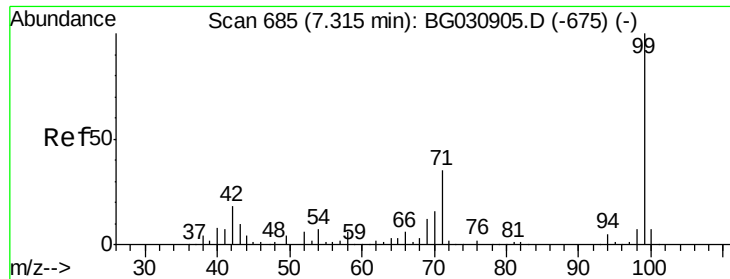
2-Fluorophenol
Concen: 115.887 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

Tgt Ion:112 Resp: 281041
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 31.4 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: 111.786 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031424.D

Acq: 8 Dec 2017 15:27

Instrument :

BNA_G

ClientSampleId :

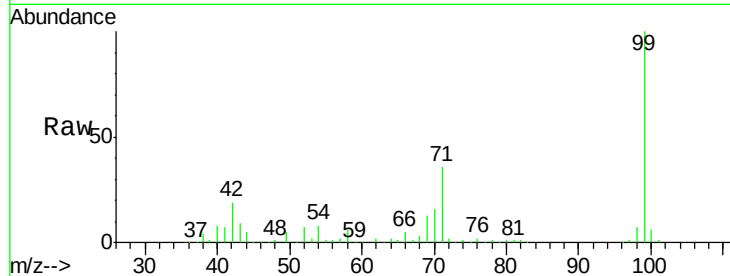
Tot Ion: 99 Resp: 365223

Ion Ratio Lower Upper

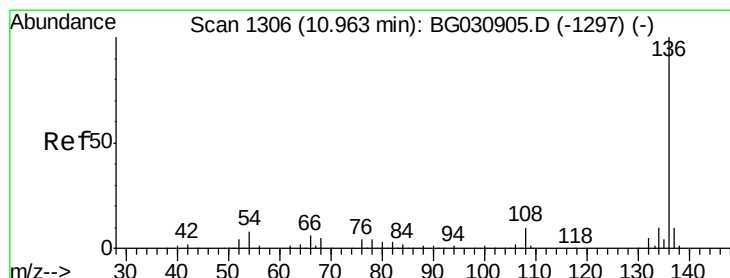
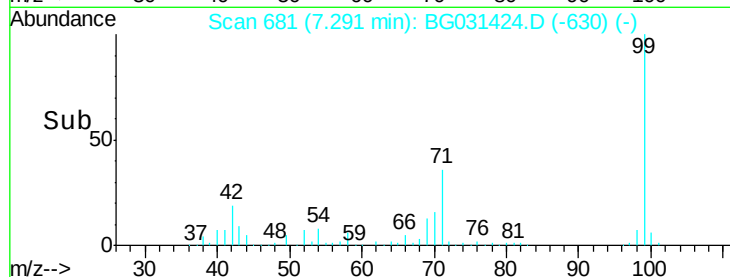
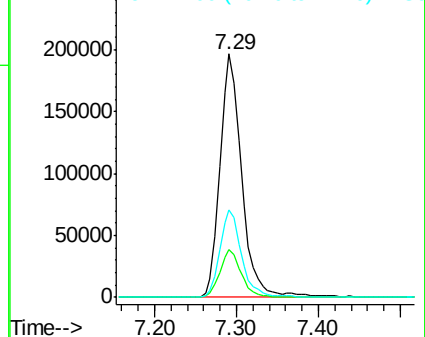
99 100

42 19.4 14.1 21.1

71 36.1 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031424.D

Acq: 8 Dec 2017 15:27

Tgt Ion: 136 Resp: 179373

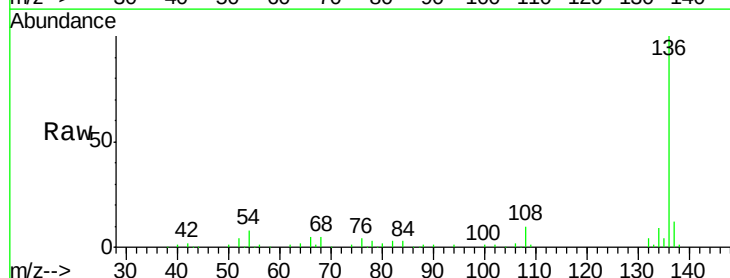
Ion Ratio Lower Upper

136 100

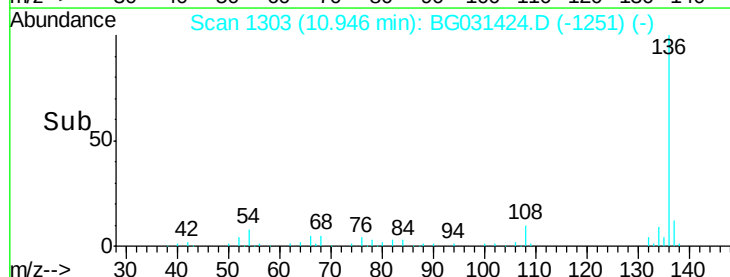
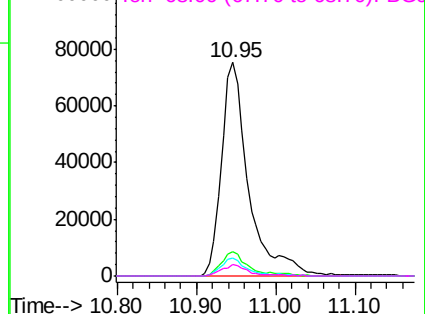
137 11.6 9.2 13.8

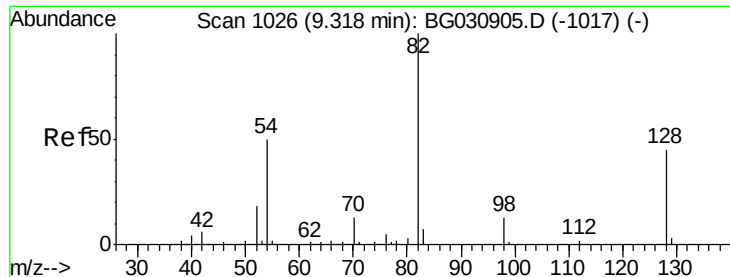
54 8.4 10.3 15.5#

68 5.5 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

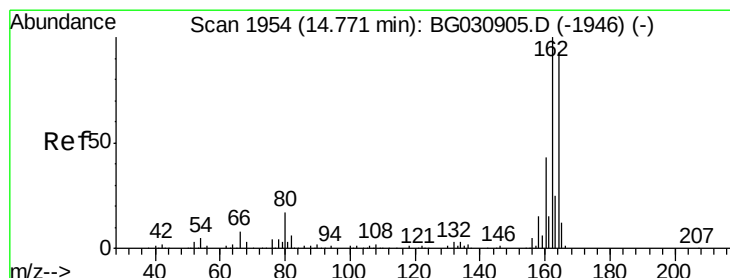
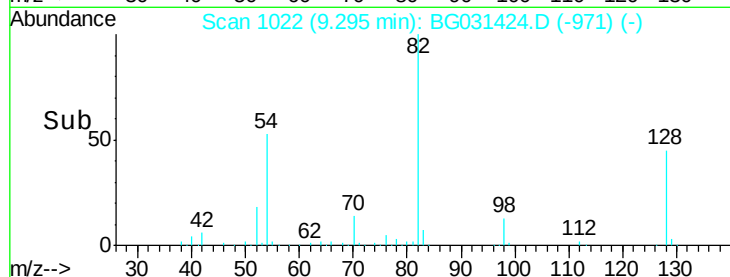
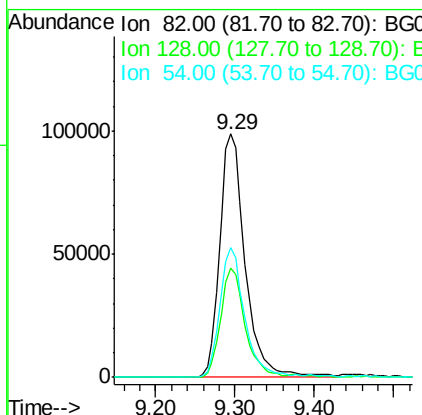
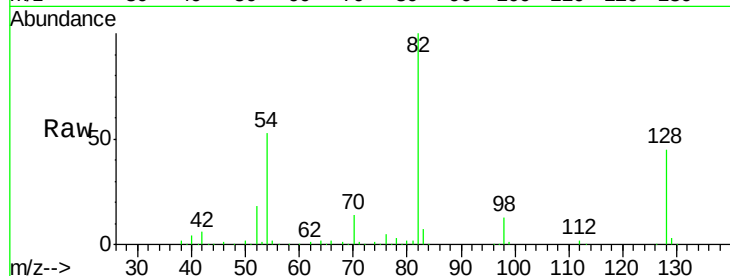




#23
 Nitrobenzene-d5
 Concen: 72.427 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

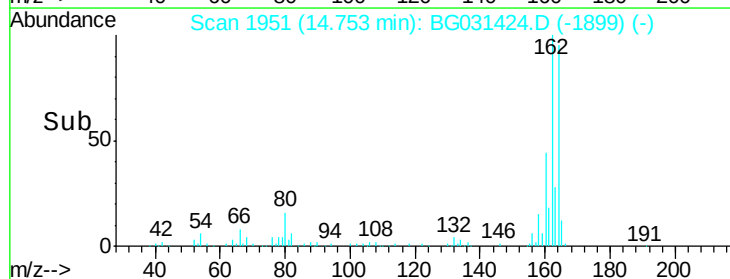
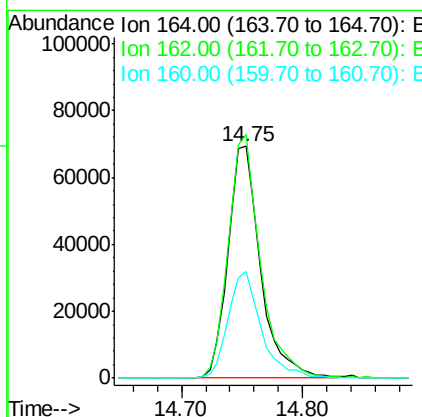
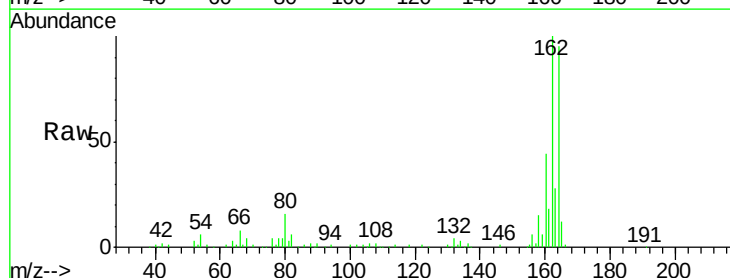
Instrument :
 BNA_G
 ClientSampled :

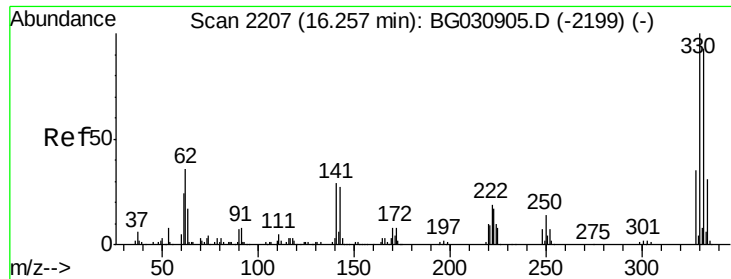
Tot Ion: 82 Resp: 219242
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 53.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

Tgt Ion:164 Resp: 129653
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.2 35.4 53.0

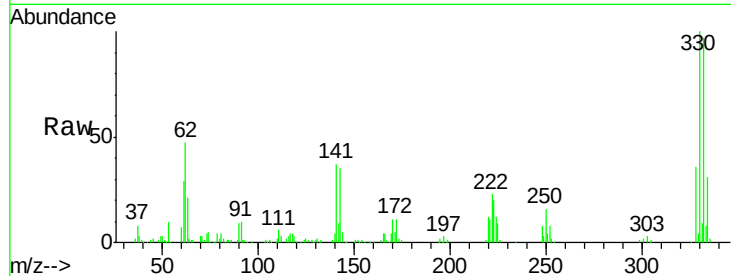




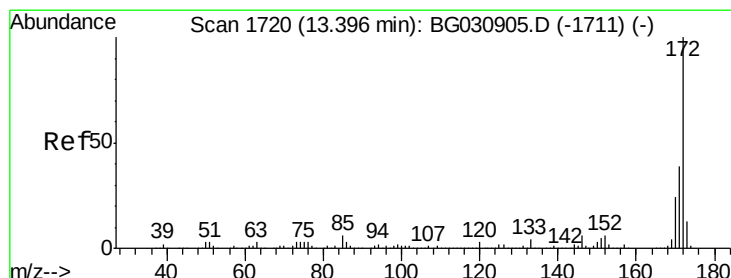
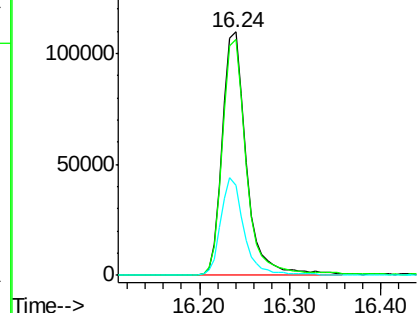
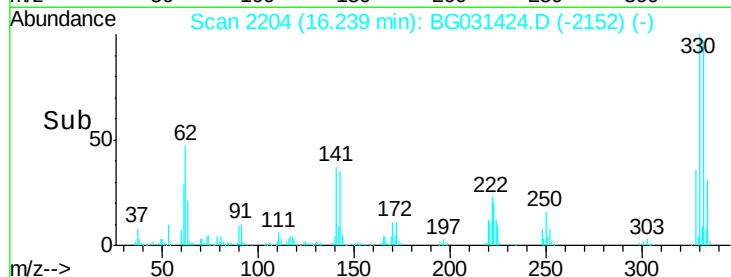
#41
 2,4,6-Tribromophenol
 Concen: 96.265 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.7	25.2	37.8#

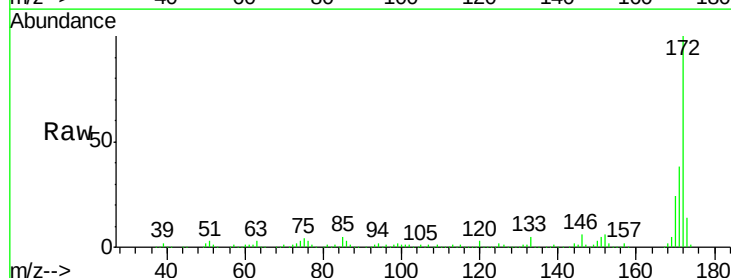


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

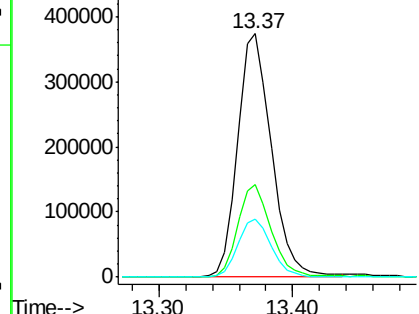
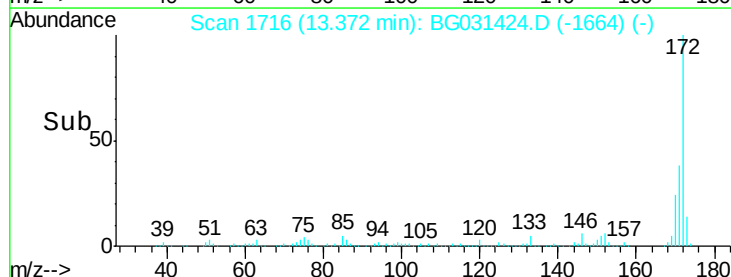


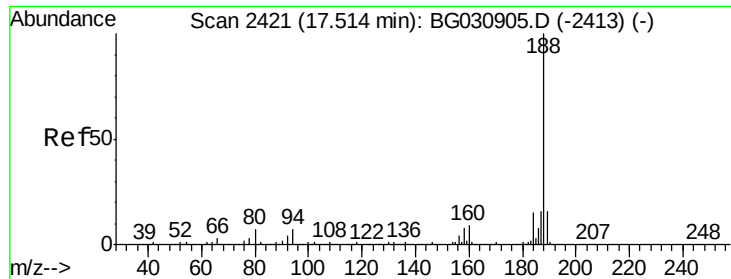
#44
 2-Fluorobiphenyl
 Concen: 72.875 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.1	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

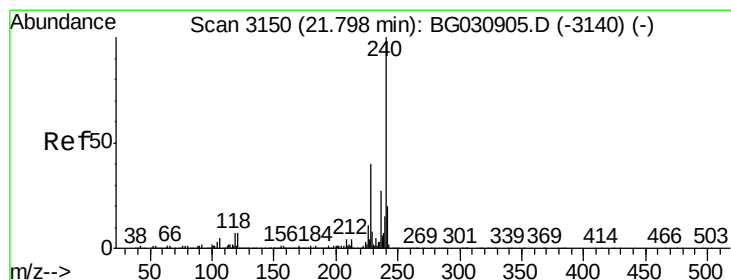
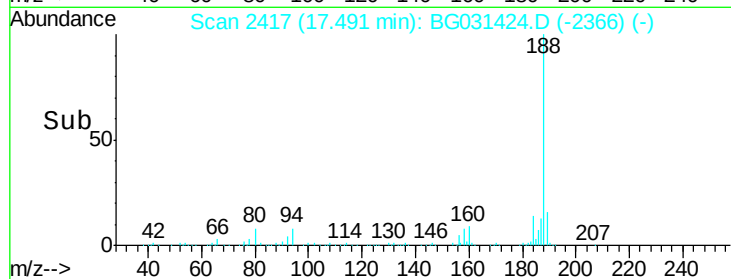
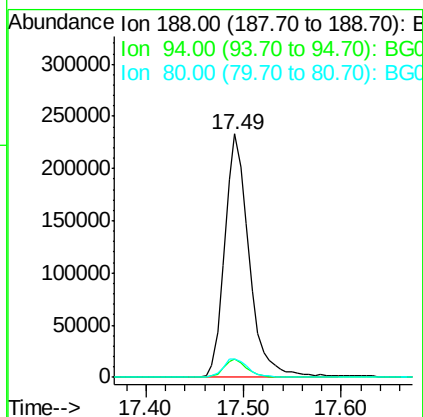
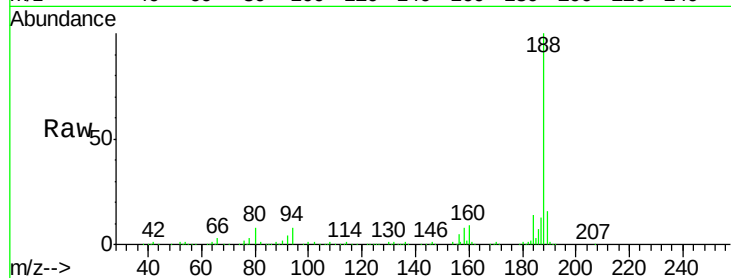




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

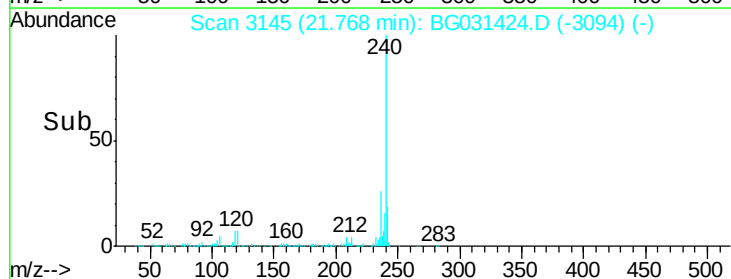
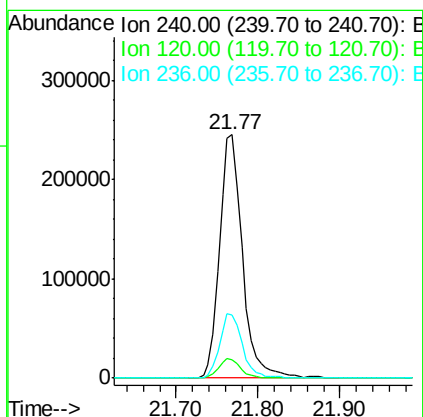
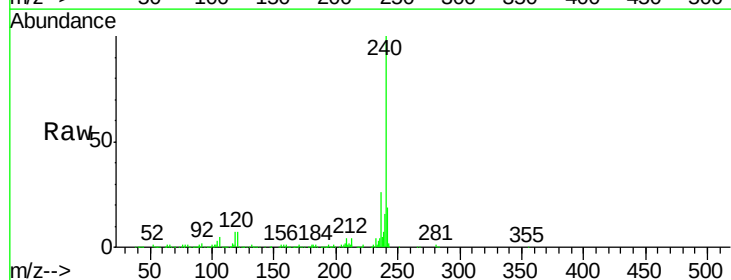
Instrument :
BNA_G
ClientSampleId :

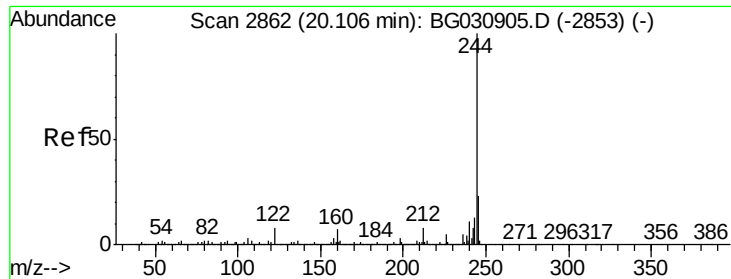
Tot Ion:188 Resp: 405178
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

Tgt Ion:240 Resp: 478728
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 73.440 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031424.D

Acq: 8 Dec 2017 15:27

Instrument :

BNA_G

ClientSampleId :

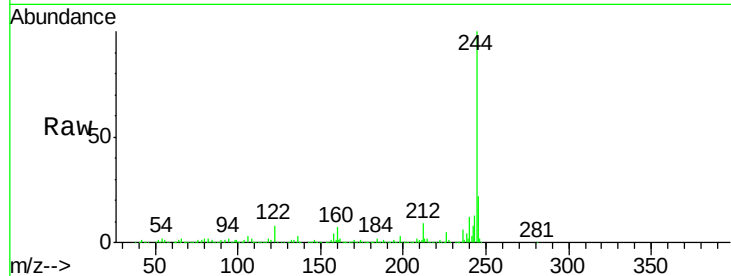
Tot Ion:244 Resp: 1592235

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.1	7.0	10.4

244 100

212 8.7 5.8 8.8

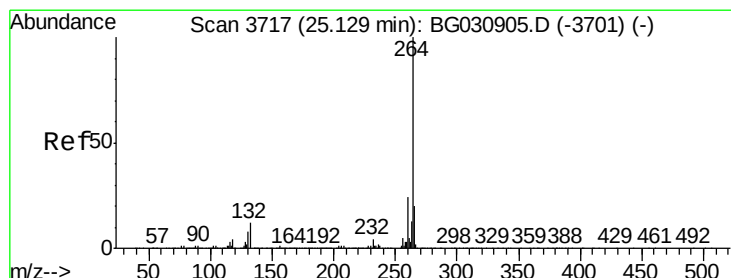
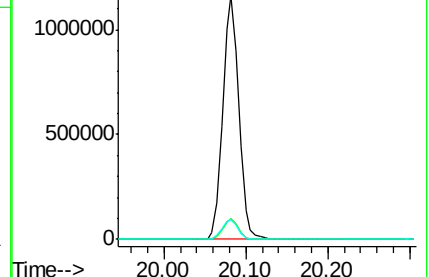
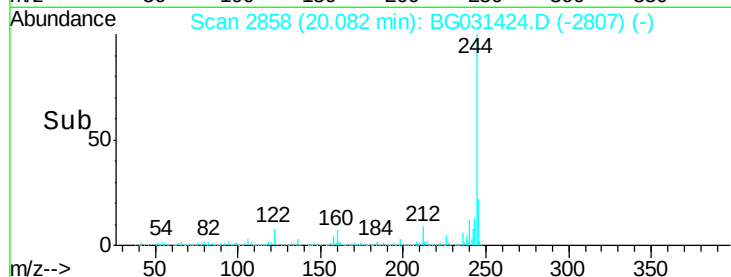
122 8.1 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031424.D

Acq: 8 Dec 2017 15:27

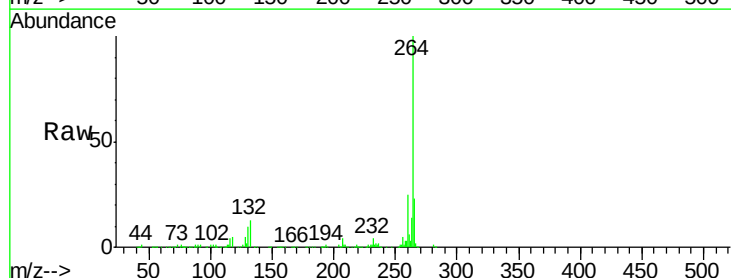
Tgt Ion:264 Resp: 456662

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.5	17.7	26.5

264 100

260 24.9 17.4 26.0

265 22.5 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

