

Data Path : S:\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 :
 PB104851TB

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

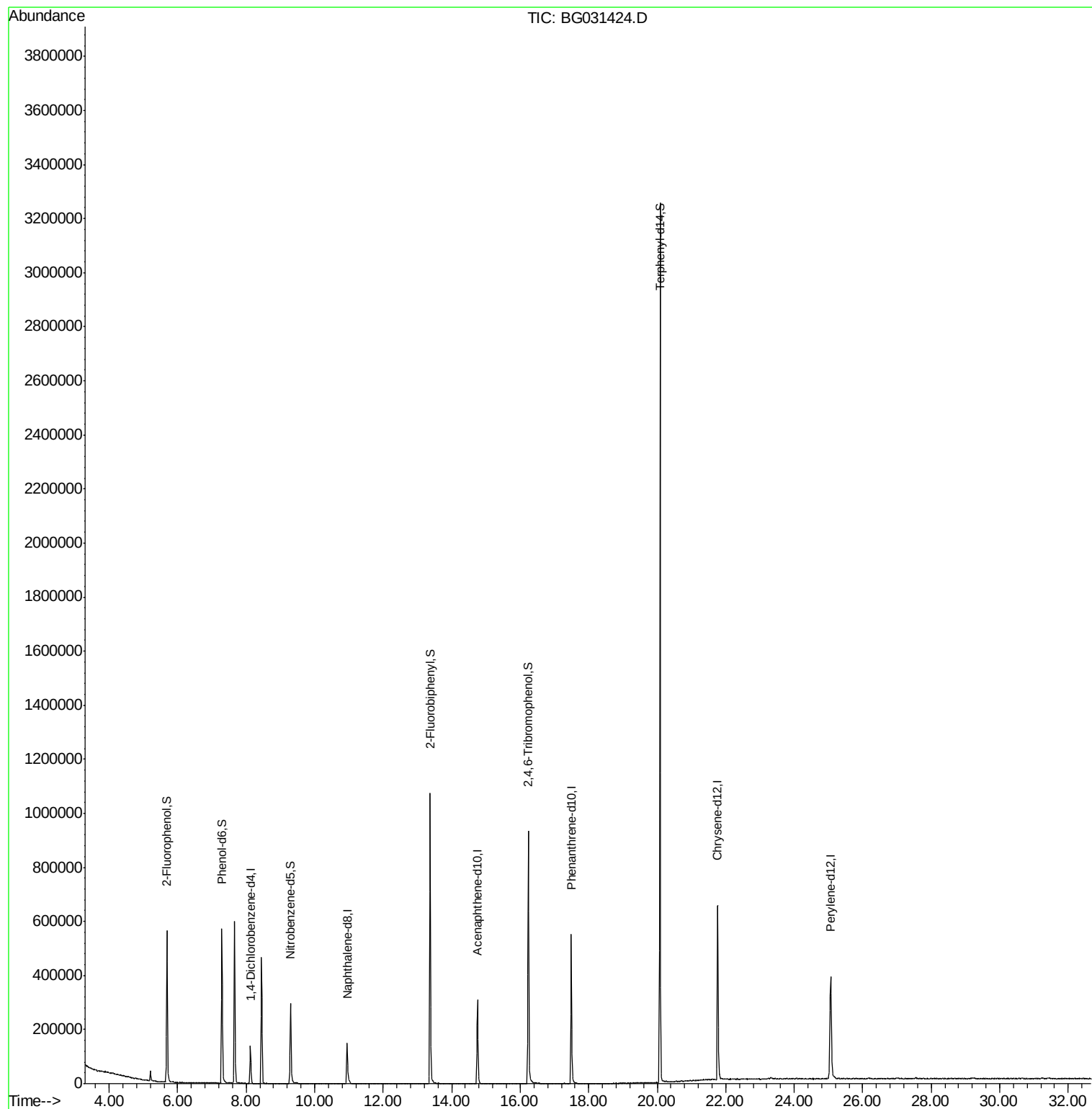
Target Compounds	Qvalue
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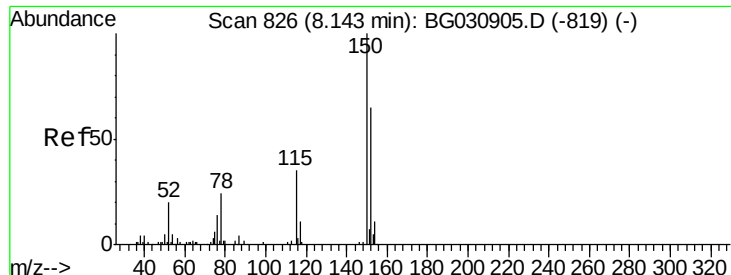
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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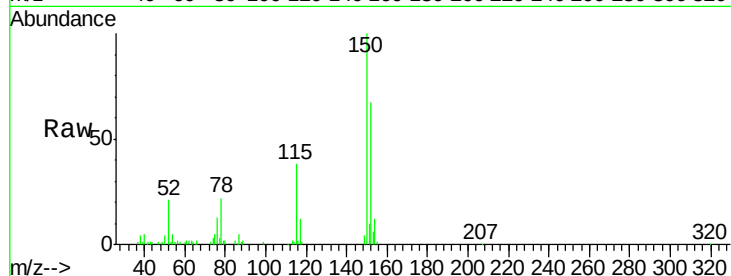


#1

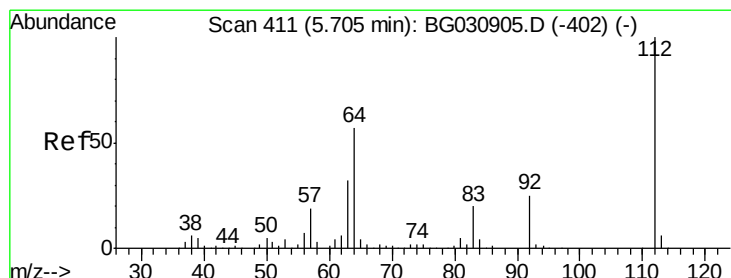
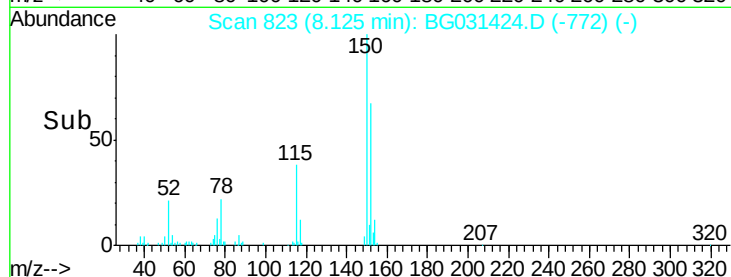
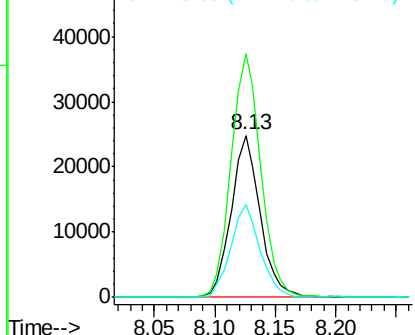
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

Instrument :
BNA_G
ClientSampleId :
PB104851TB

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



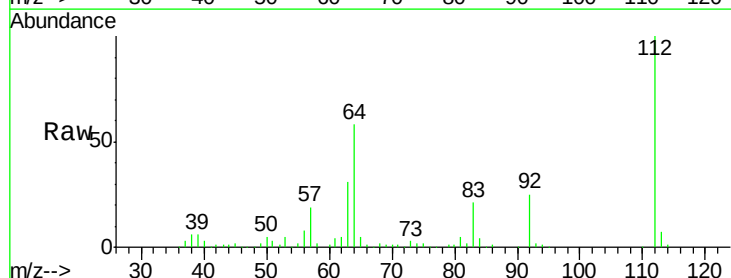
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



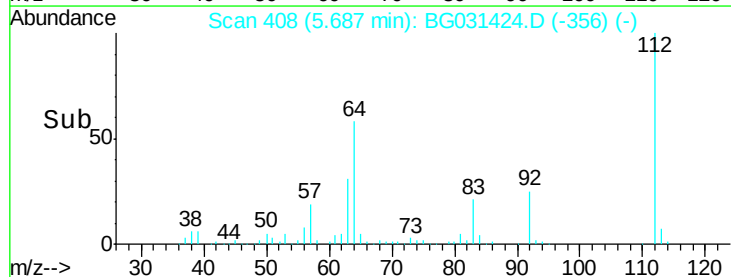
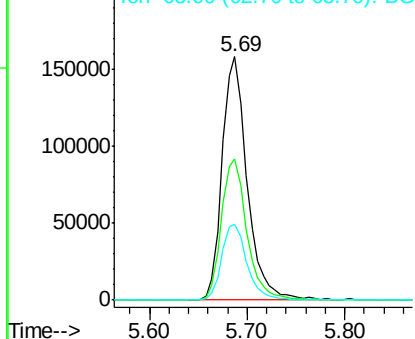
#5

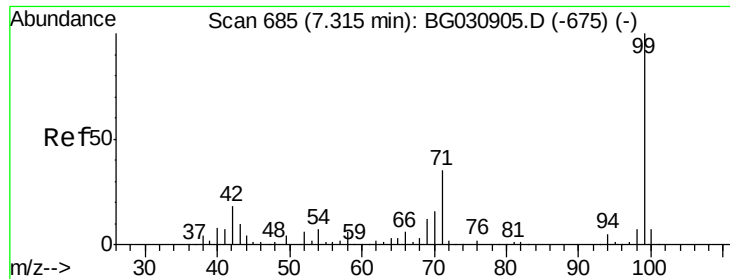
2-Fluorophenol
Concen: 115.887 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

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 :

PB104851TB

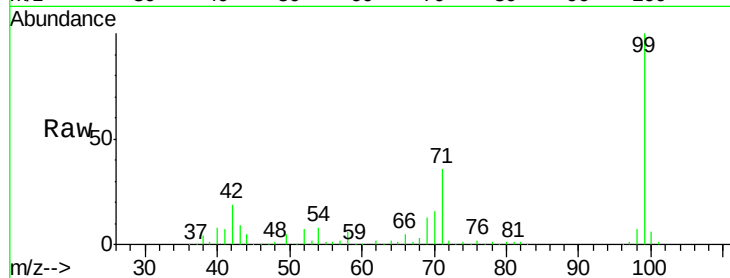
Tgt Ion: 99 Resp: 365223

Ion Ratio Lower Upper

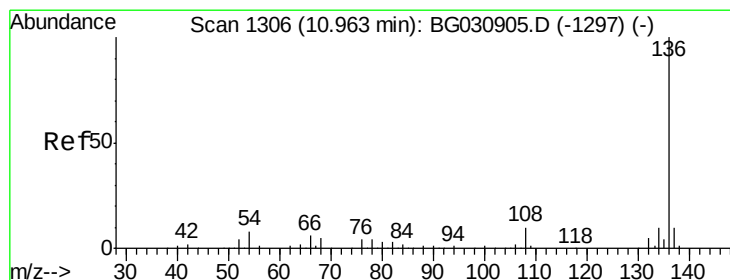
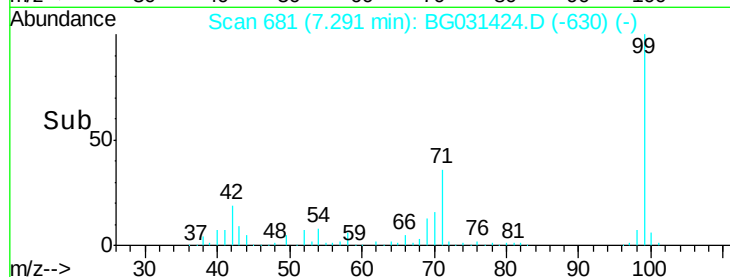
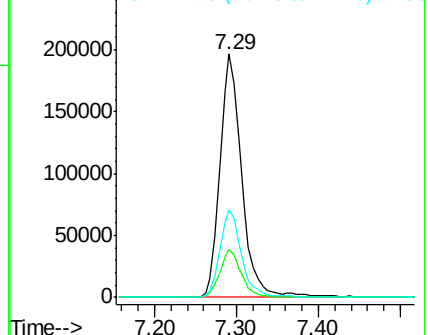
99 100

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

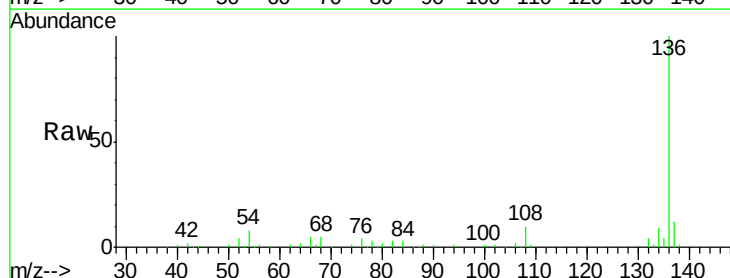
Ion Ratio Lower Upper

136 100

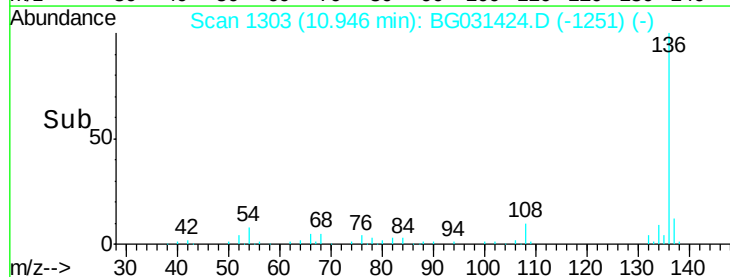
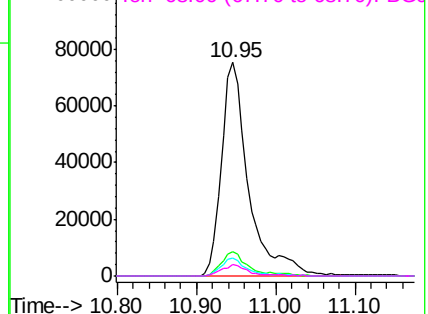
137 11.6 9.2 13.8

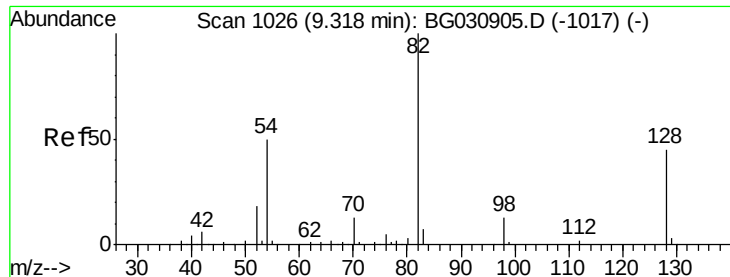
54 8.4 10.3 15.5#

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

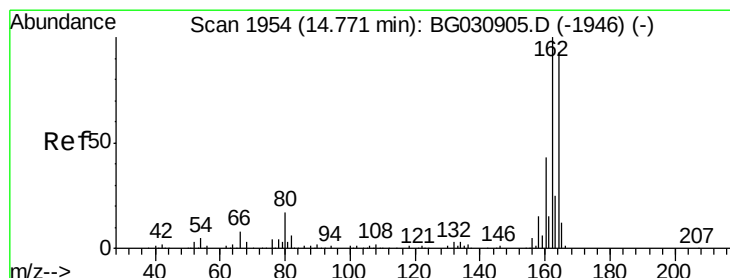
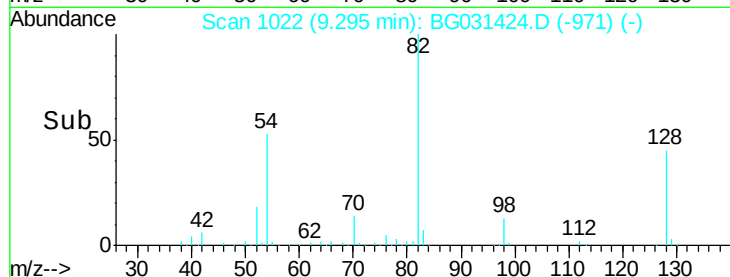
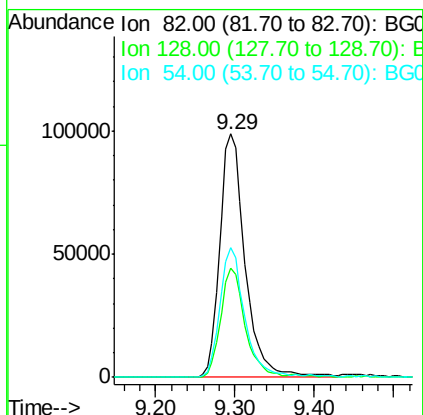
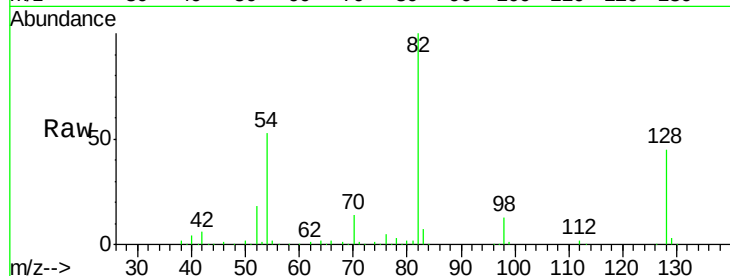




#23
 Nitrobenzene-d5
 Concen: 72.427 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

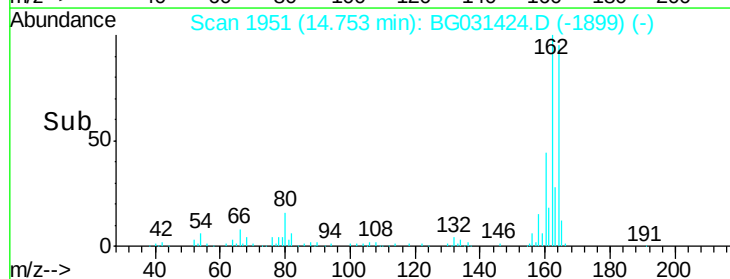
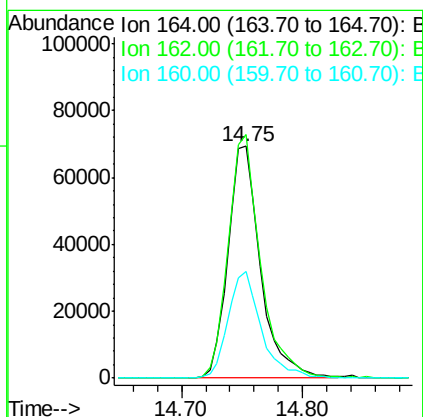
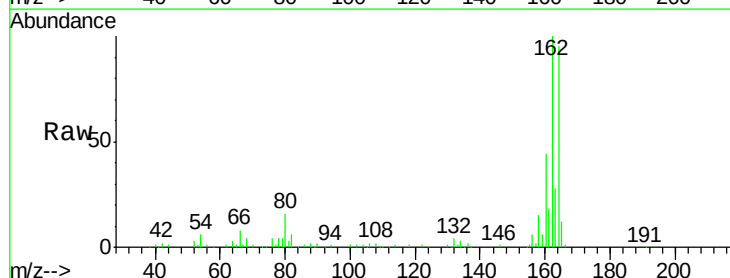
Instrument :
 BNA_G
 ClientSampled :
 PB104851TB

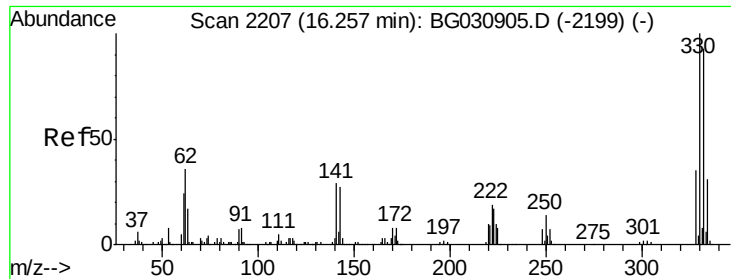
Tgt Ion: 82 Resp: 219242
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 53.1 43.1 64.7



#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

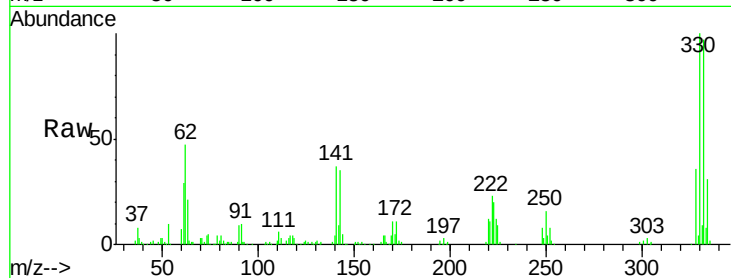




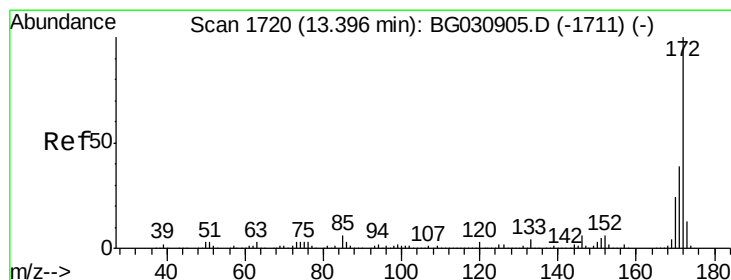
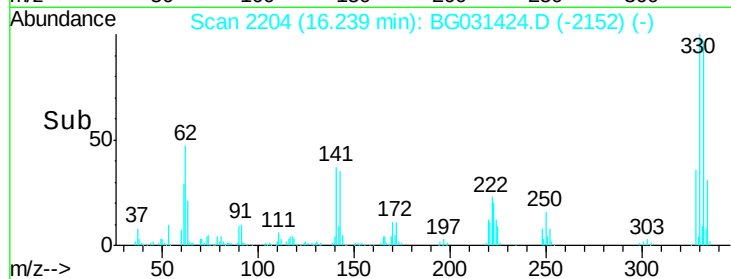
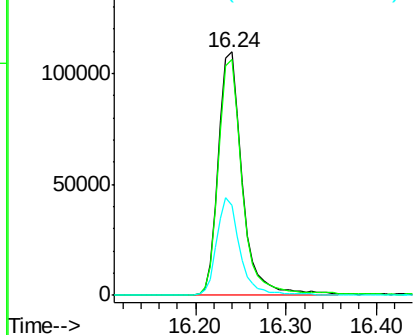
#41
 2,4,6-Tribromophenol
 Concen: 96.265 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

Instrument :
 BNA_G
 ClientSampleID :
 PB104851TB

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

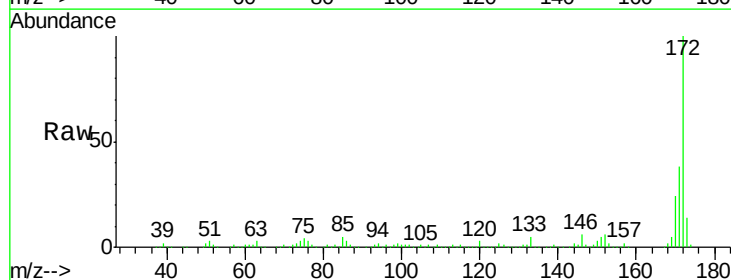


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

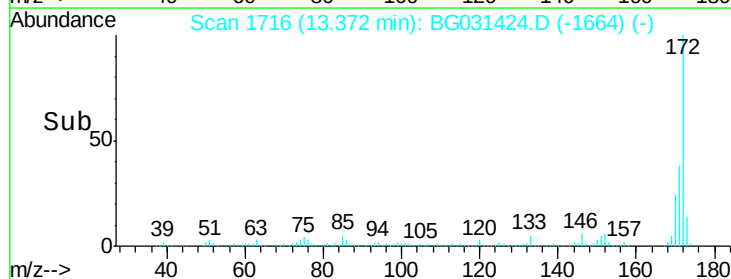
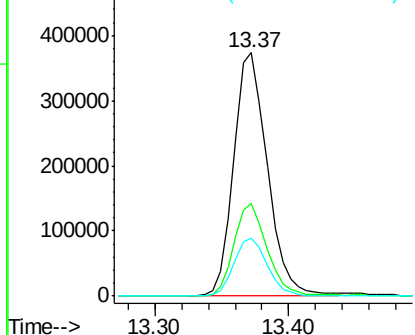


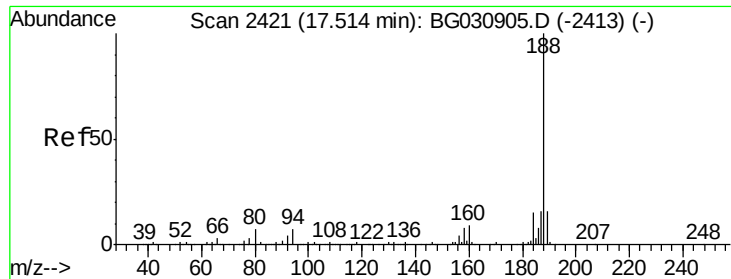
#44
 2-Fluorobiphenyl
 Concen: 72.875 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031424.D
 Acq: 8 Dec 2017 15:27

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

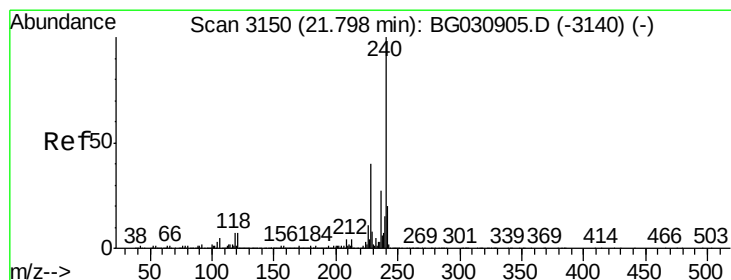
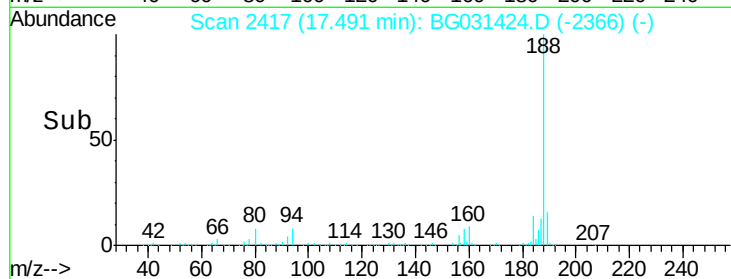
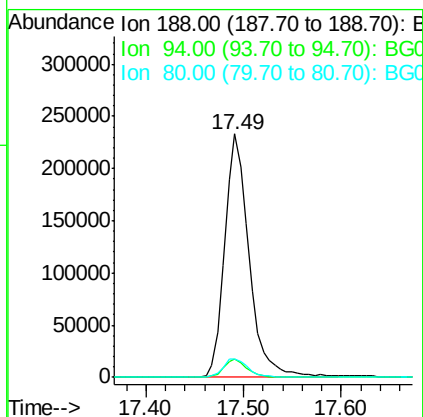
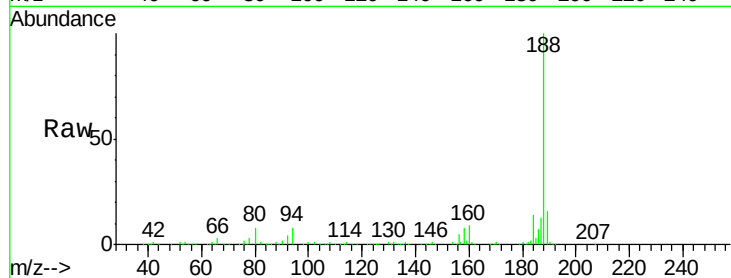




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031424.D
Acq: 8 Dec 2017 15:27

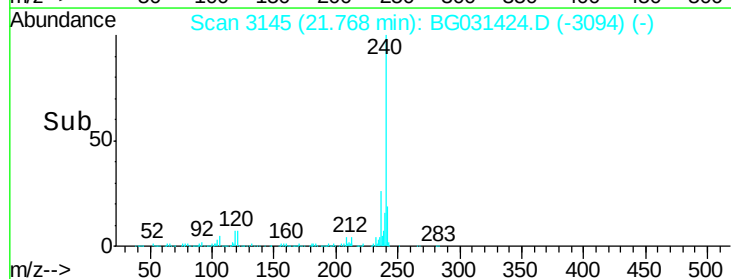
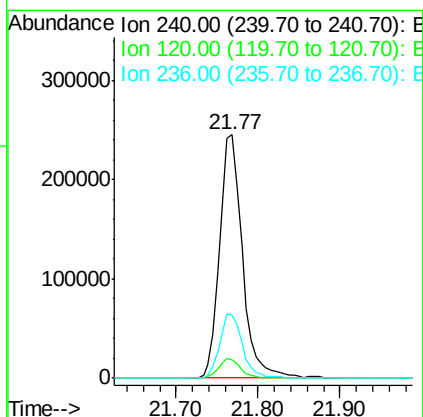
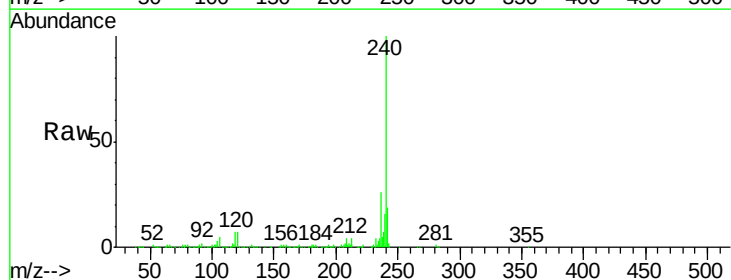
Instrument :
BNA_G
ClientSampleId :
PB104851TB

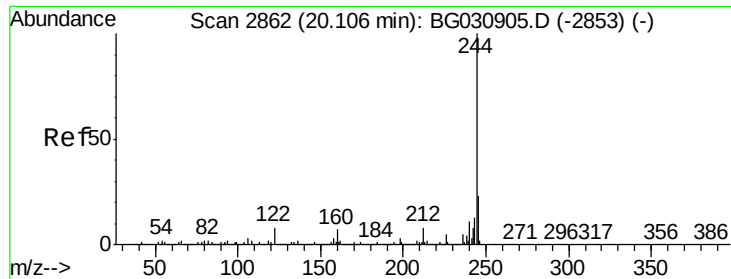
Tgt Ion:188 Resp: 405178
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.8 7.7 11.5



#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 :

PB104851TB

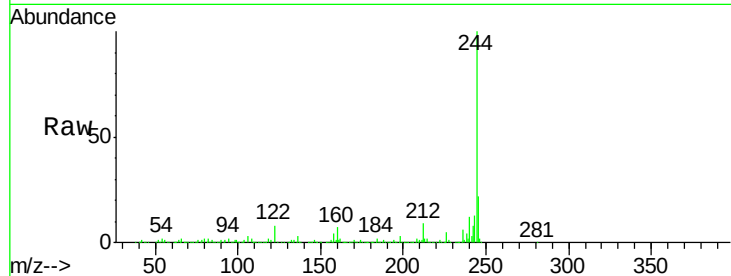
Tgt Ion:244 Resp: 1592235

Ion Ratio Lower Upper

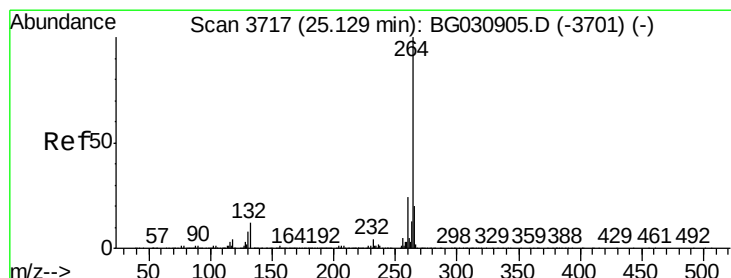
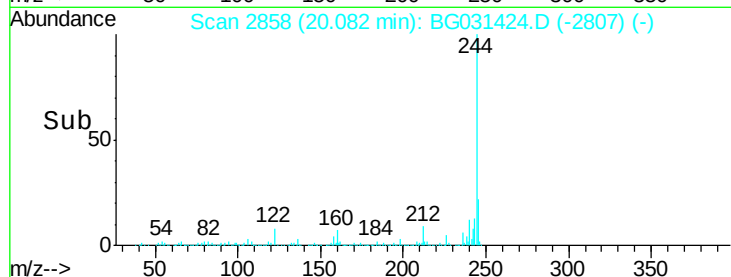
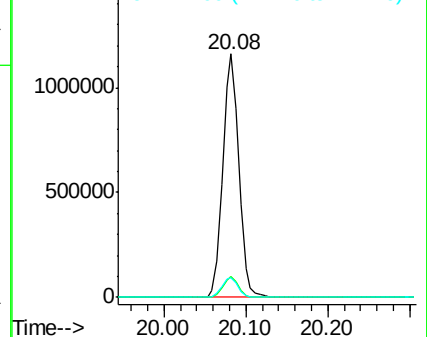
244 100

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

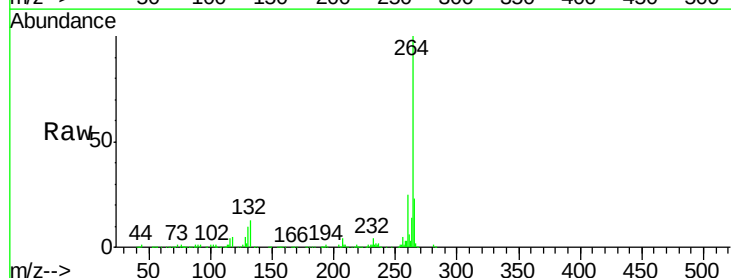
Tgt Ion:264 Resp: 456662

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.5 17.7 26.5



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

