

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031378.D
 Acq On : 6 Dec 2017 19:35
 Operator : SJ/JU
 Sample : I6718-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2041

Quant Time: Dec 07 02:40:40 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	69799	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	288789	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	190472	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	488086	20.00	ng	0.00
75) Chrysene-d12	21.77	240	530590	20.00	ng	0.00
86) Perylene-d12	25.07	264	497852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	479493	117.80	ng	0.00
7) Phenol-d6	7.30	99	568075	103.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	408965	83.92	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	281216	91.27	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1142554	86.19	ng	0.00
78) Terphenyl-d14	20.08	244	1988277	82.74	ng	0.00

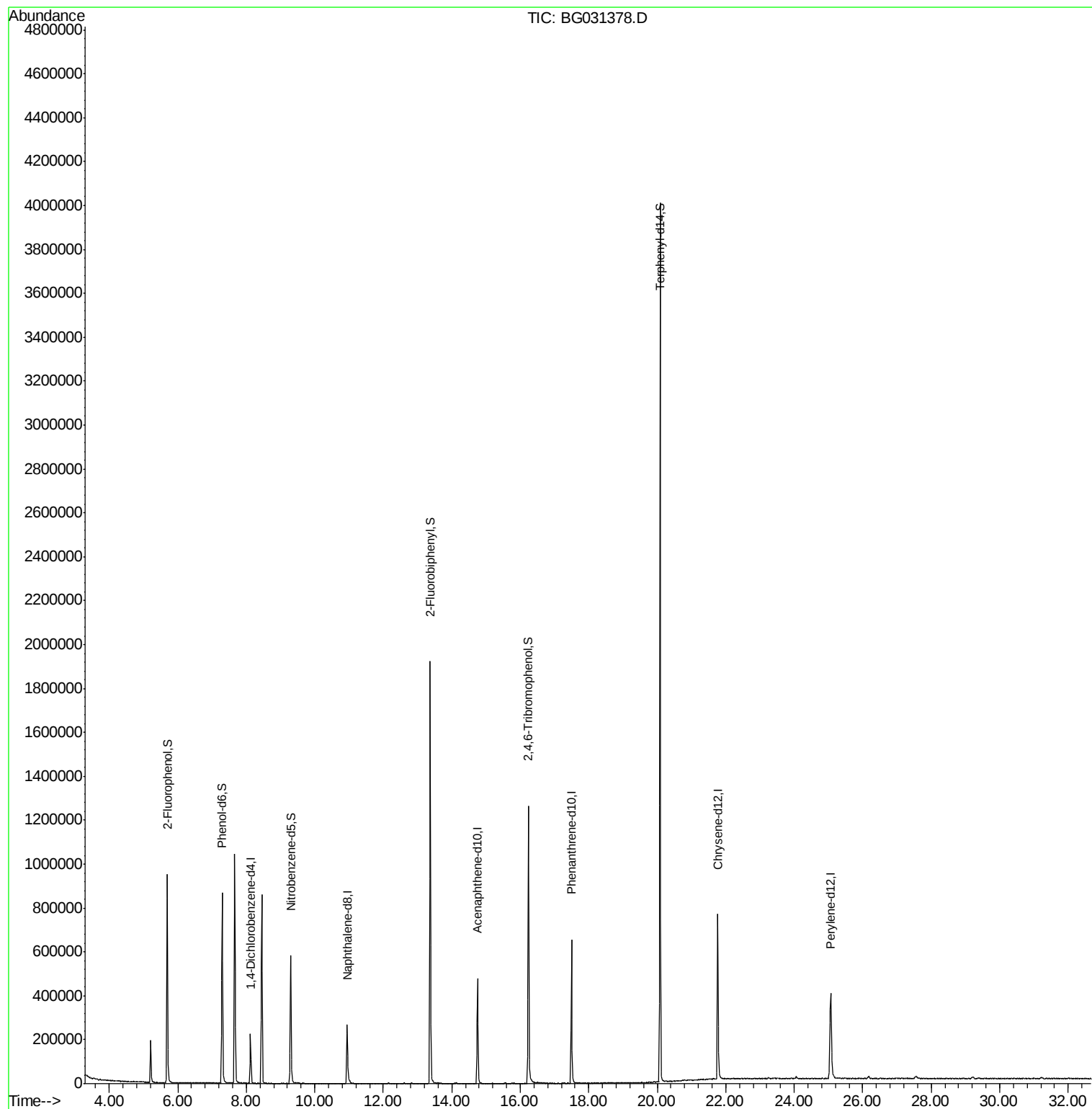
Target Compounds Qvalue

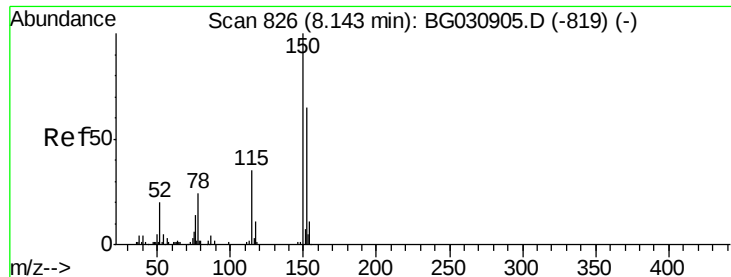
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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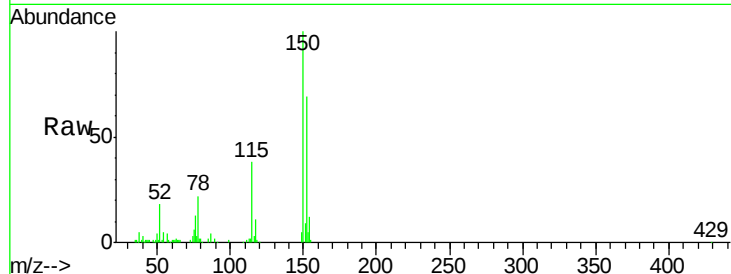


#1

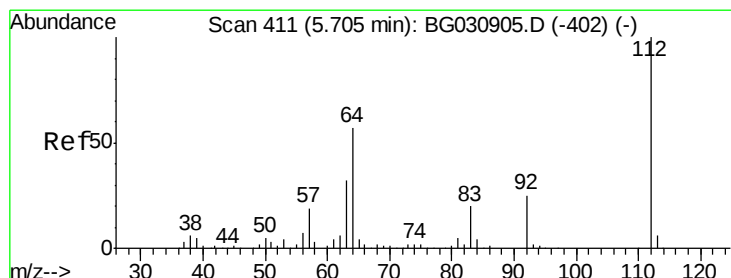
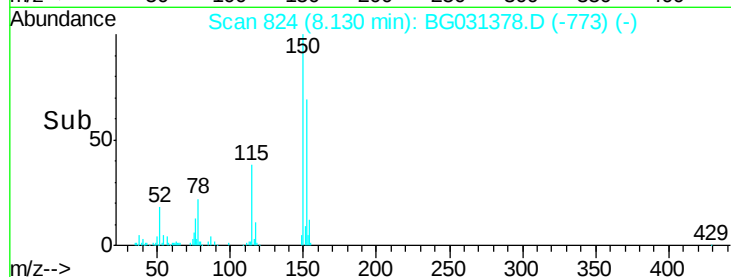
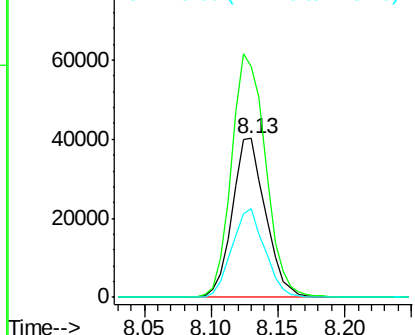
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031378.D
Acq: 6 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :
2041

Tot Ion:152 Resp: 69799
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 55.8 53.0 79.4



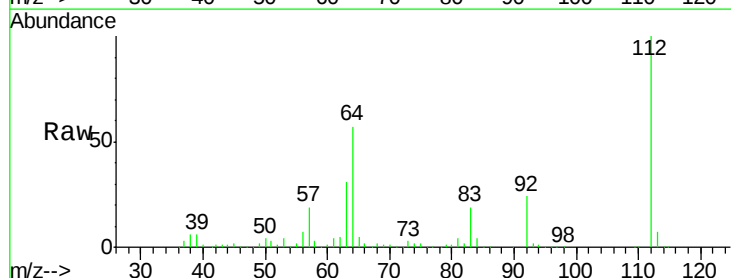
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



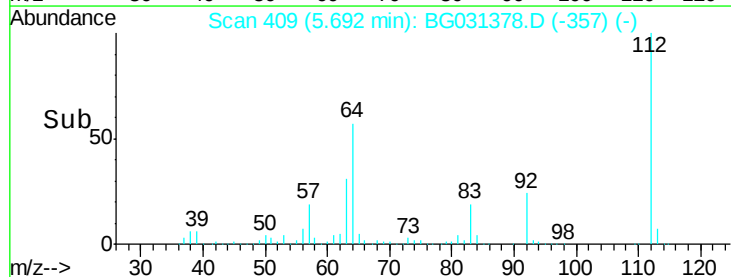
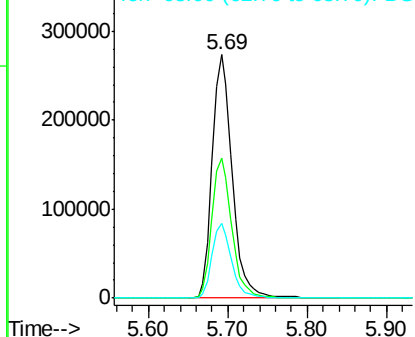
#5

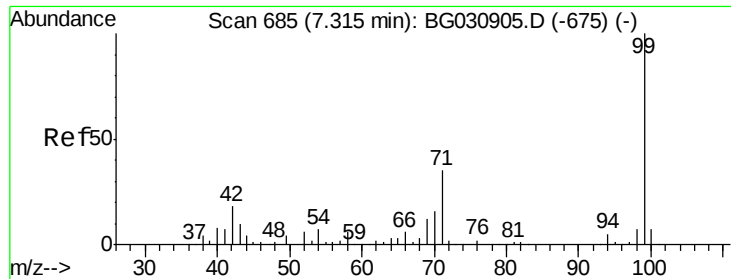
2-Fluorophenol
Concen: 117.798 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031378.D
Acq: 6 Dec 2017 19:35

Tgt Ion:112 Resp: 479493
Ion Ratio Lower Upper
112 100
64 57.4 56.3 84.5
63 30.7 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: 103.591 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031378.D

Acq: 6 Dec 2017 19:35

Instrument :

BNA_G

ClientSampleId :

2041

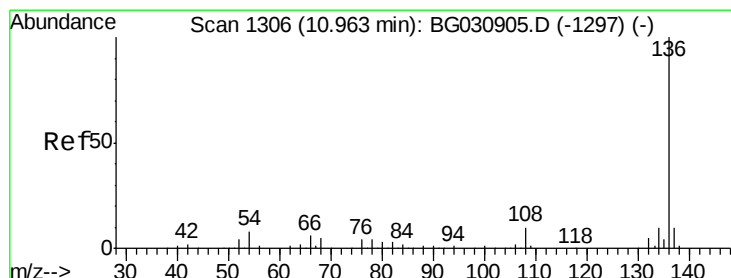
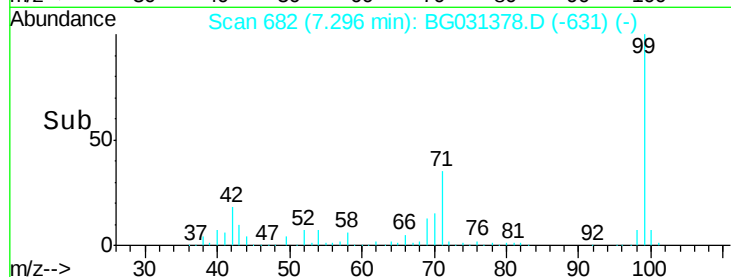
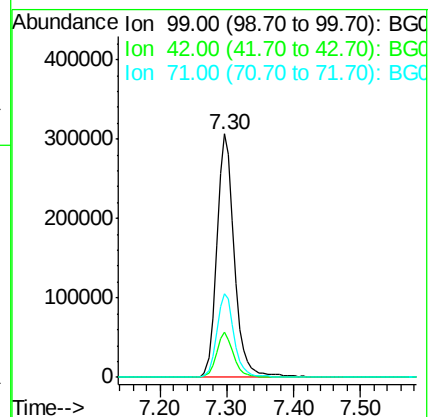
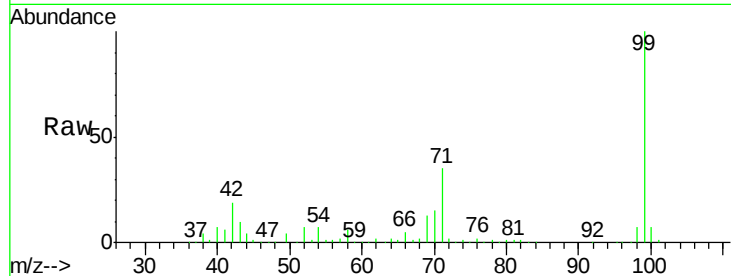
Tot Ion: 99 Resp: 568075

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 34.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031378.D

Acq: 6 Dec 2017 19:35

Tgt Ion: 136 Resp: 288789

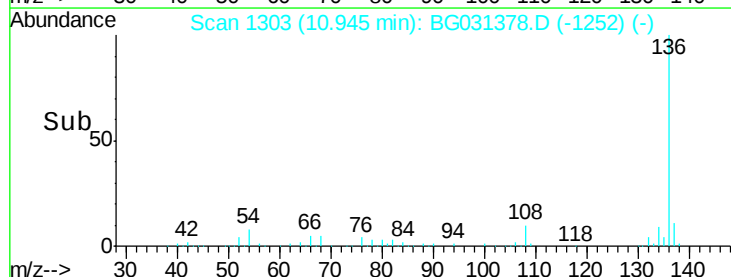
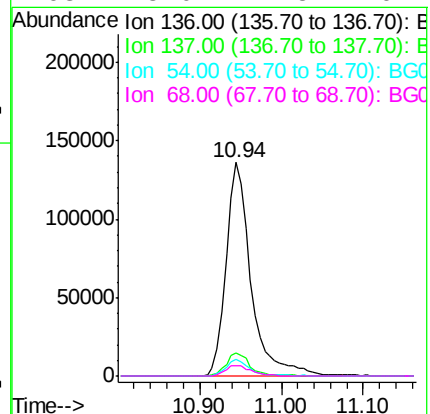
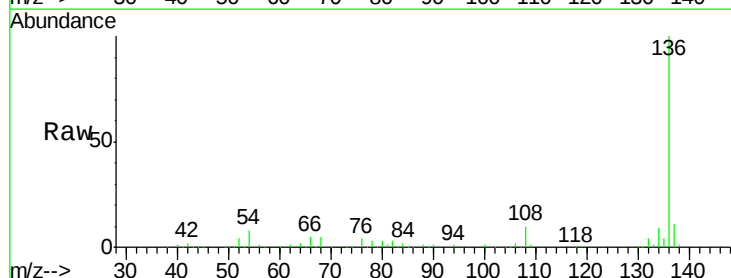
Ion Ratio Lower Upper

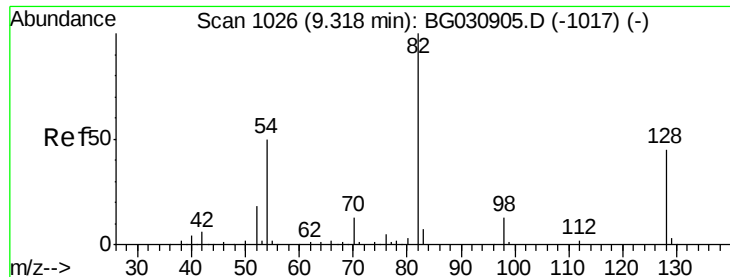
136 100

137 10.8 9.2 13.8

54 7.8 10.3 15.5#

68 5.0 4.5 6.7

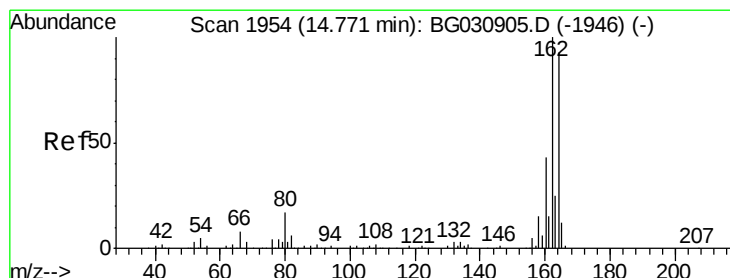
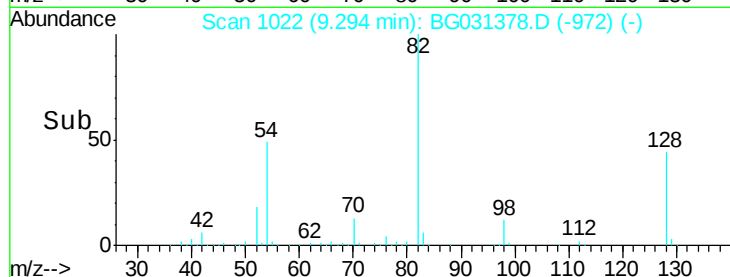
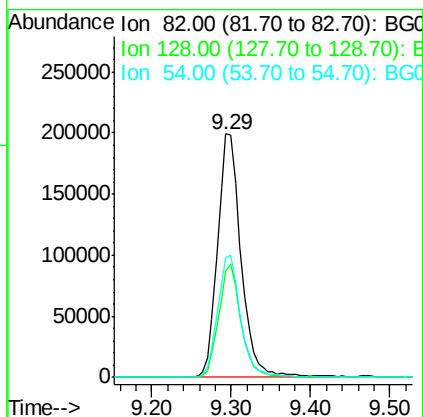
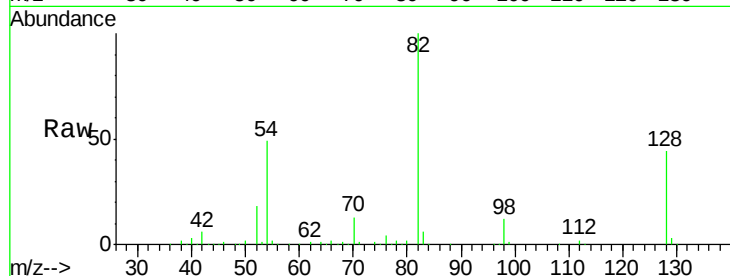




#23
Nitrobenzene-d5
Concen: 83.915 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031378.D
Acq: 6 Dec 2017 19:35

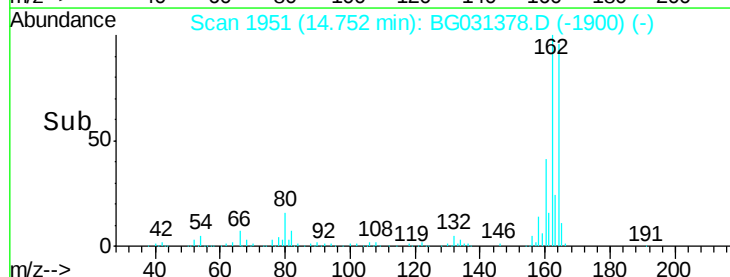
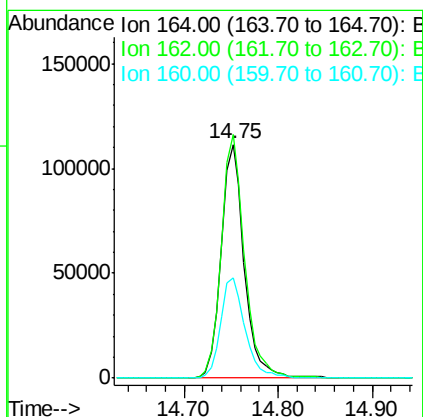
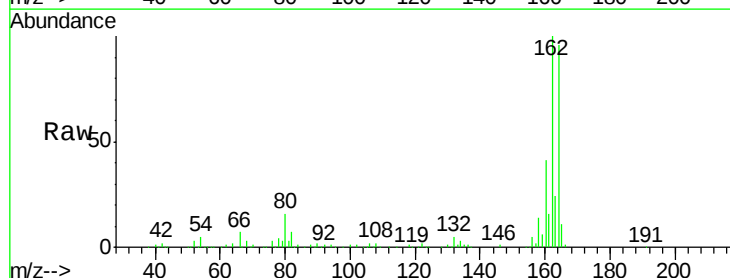
Instrument :
BNA_G
ClientSampleId :
2041

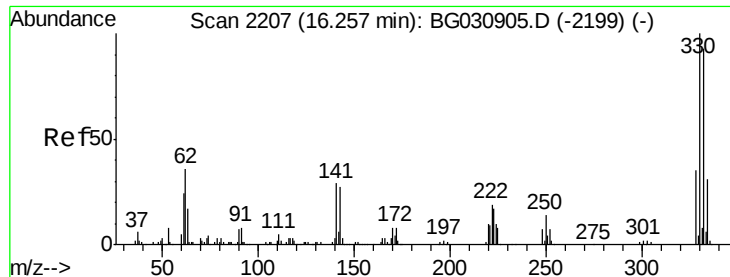
Tot Ion	82	Resp	408965
Ion Ratio	100	Lower	Upper
128	43.9	29.7	44.5
54	49.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031378.D
Acq: 6 Dec 2017 19:35

Tgt Ion	164	Resp	190472
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.3	78.8	118.2
160	42.9	35.4	53.0

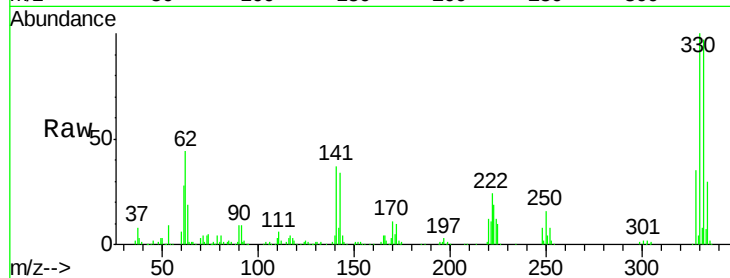




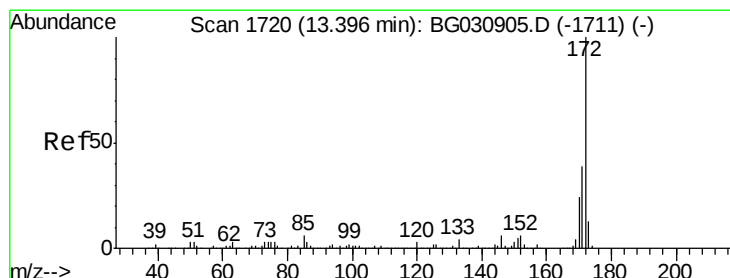
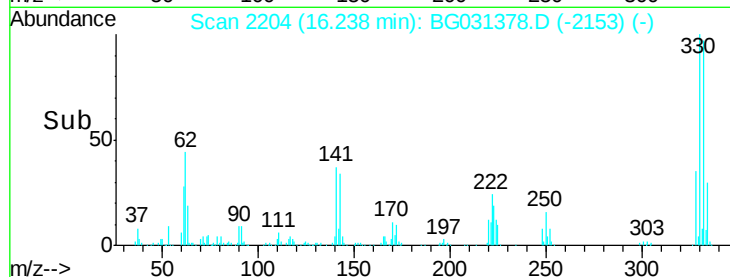
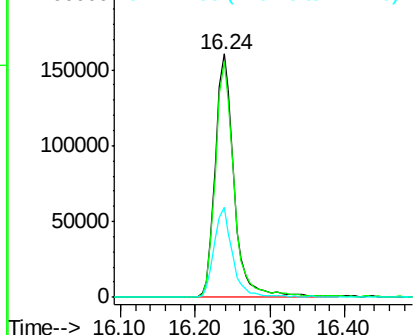
#41
 2,4,6-Tribromophenol
 Concen: 91.268 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031378.D
 Acq: 6 Dec 2017 19:35

Instrument :
 BNA_G
 ClientSampleId :
 2041

Tot Ion:330 Resp: 281216
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 35.9 25.2 37.8

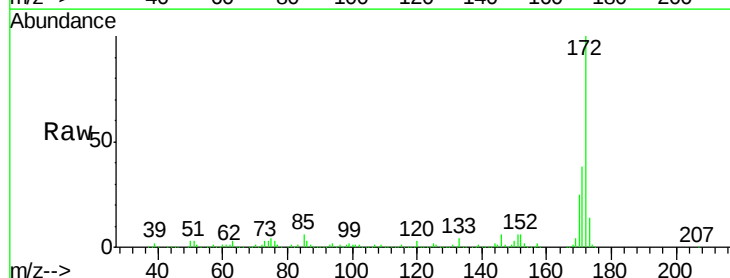


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

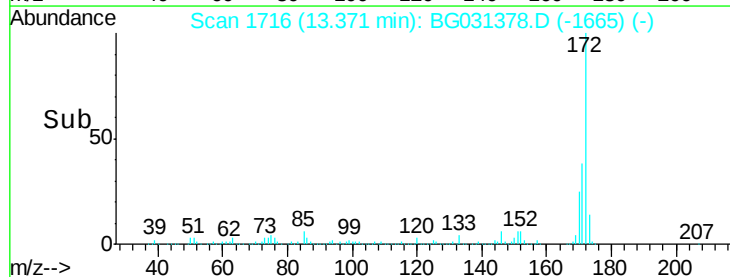
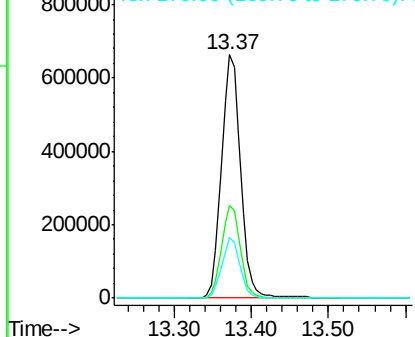


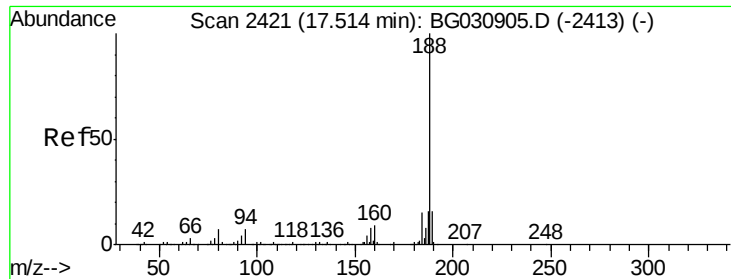
#44
 2-Fluorobiphenyl
 Concen: 86.192 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031378.D
 Acq: 6 Dec 2017 19:35

Tgt Ion:172 Resp: 1142554
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.8 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: BG031378.D

Acq: 6 Dec 2017 19:35

Instrument :

BNA_G

ClientSampleId :

2041

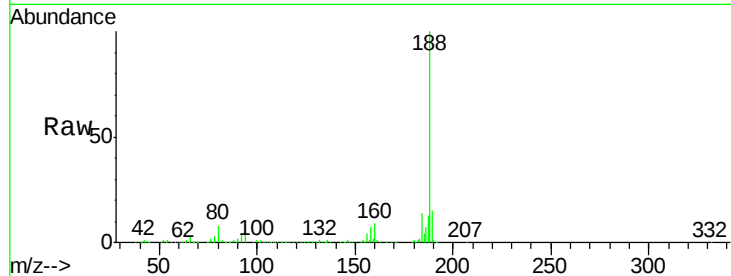
Tot Ion:188 Resp: 488086

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

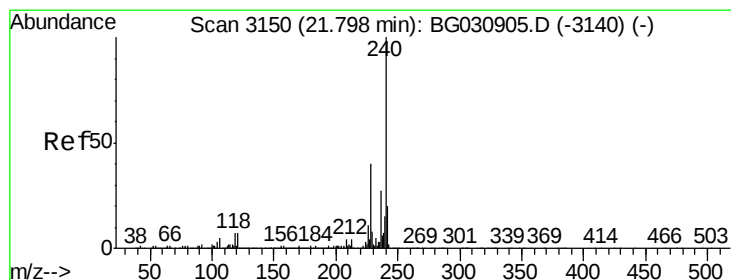
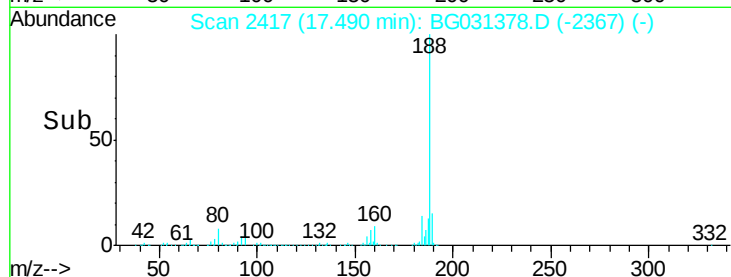
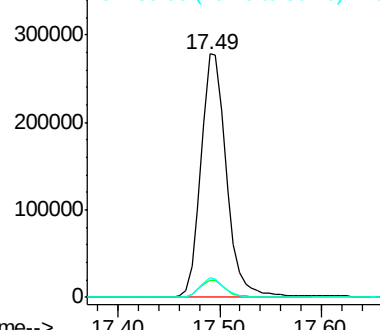
80 7.8 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031378.D

Acq: 6 Dec 2017 19:35

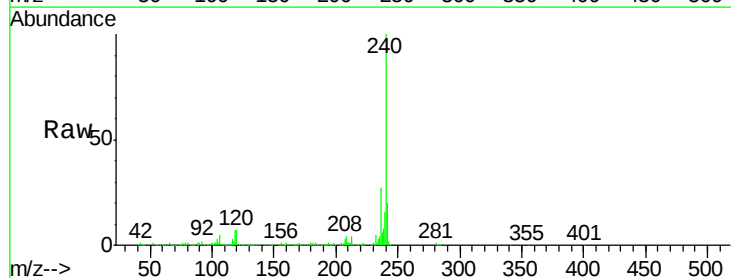
Tgt Ion:240 Resp: 530590

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

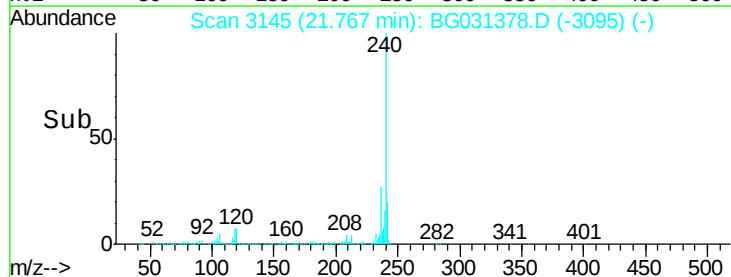
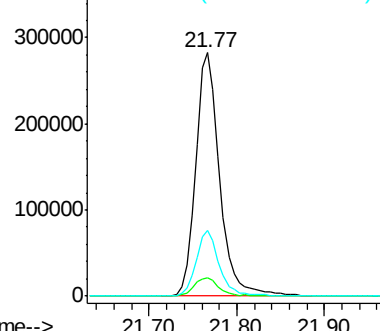
236 27.0 20.9 31.3

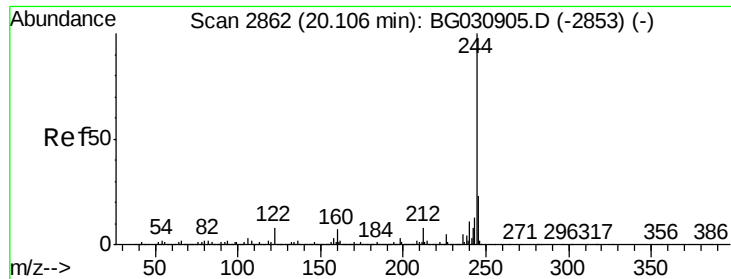


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.744 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031378.D

Acq: 6 Dec 2017 19:35

Instrument :

BNA_G

ClientSampleId :

2041

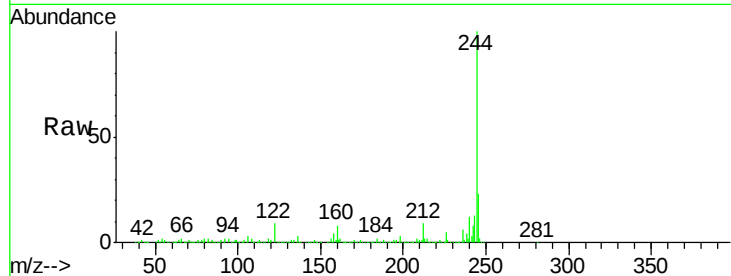
Tot Ion:244 Resp: 1988277

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

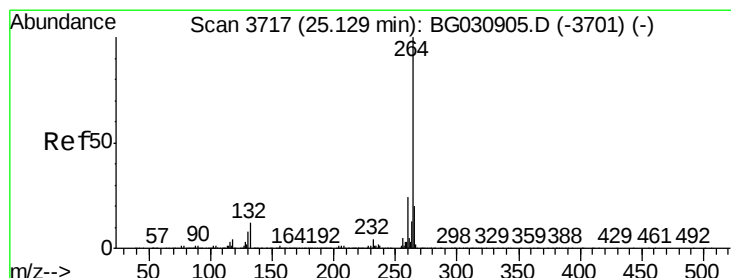
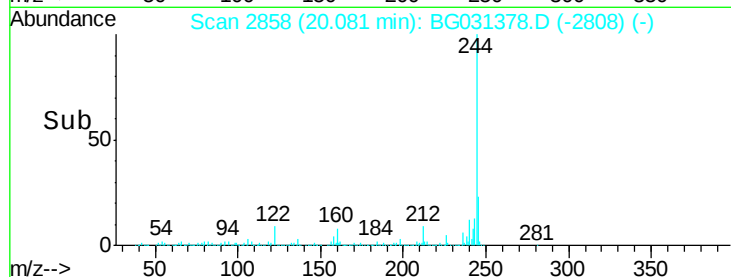
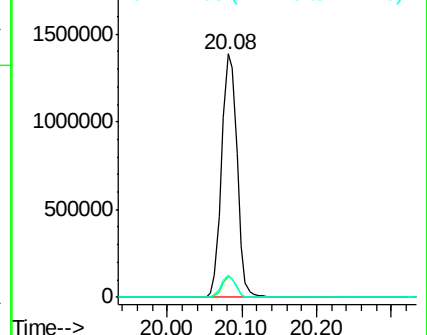
122 8.9 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG031378.D

Acq: 6 Dec 2017 19:35

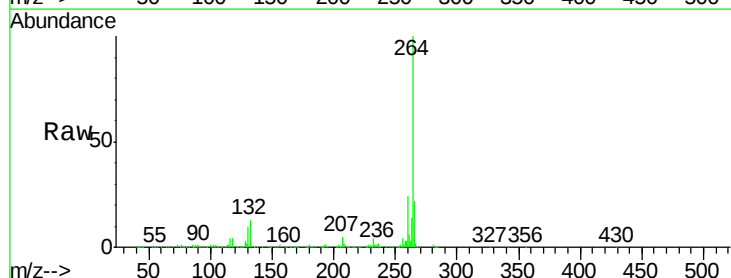
Tgt Ion:264 Resp: 497852

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.7 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

