

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031830.D
 Acq On : 28 Dec 2017 18:12
 Operator : SJ/JU
 Sample : I6685-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-B

Quant Time: Dec 29 06:49:06 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

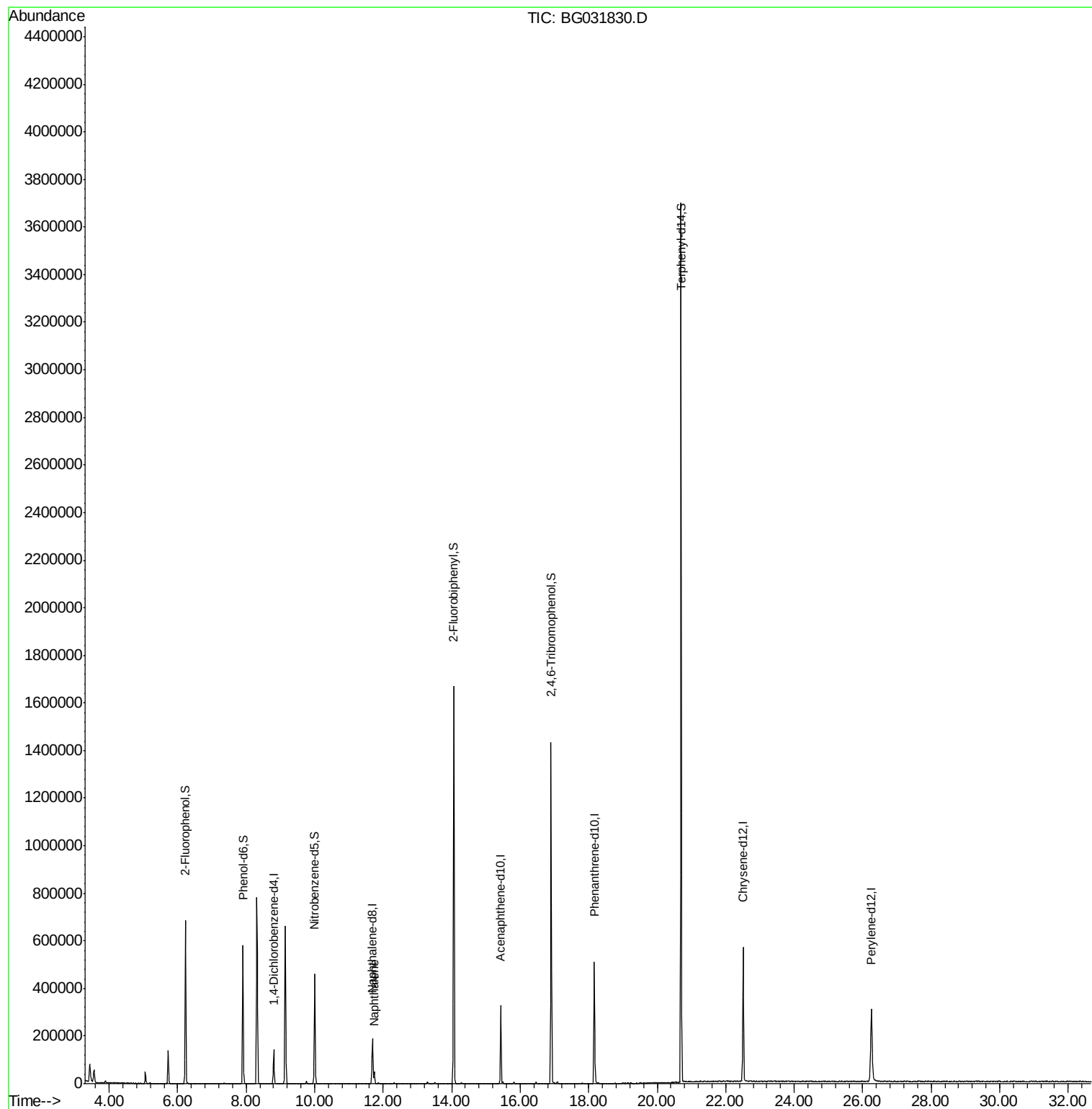
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	50029	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	196191	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	134633	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	369284	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	434669	20.00	ng	-0.06
86) Perylene-d12	26.25	264	440844	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	374950	136.51	ng	-0.02
7) Phenol-d6	7.90	99	418559	117.37	ng	-0.03
23) Nitrobenzene-d5	10.00	82	301491	116.04	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	372115	181.14	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1051986	98.07	ng	-0.04
78) Terphenyl-d14	20.70	244	1974150	103.76	ng	-0.04
Target Compounds						
31) Naphthalene	11.74	128	48845	4.933	ng	Qvalue # 96

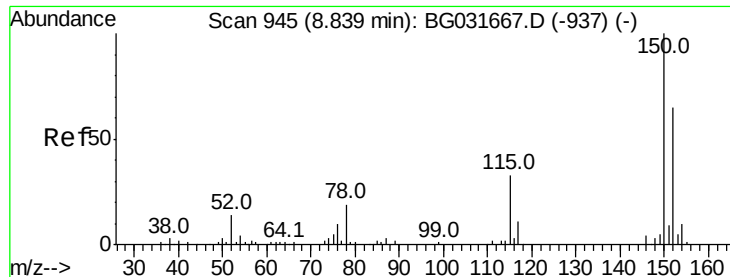
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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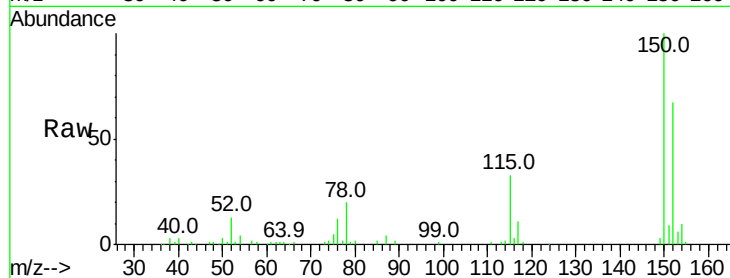


#1

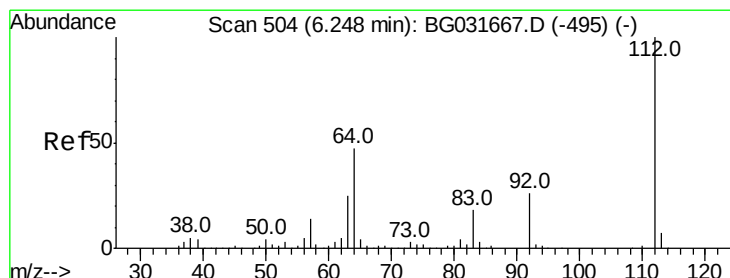
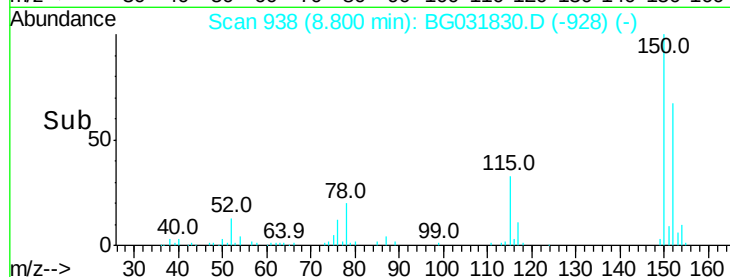
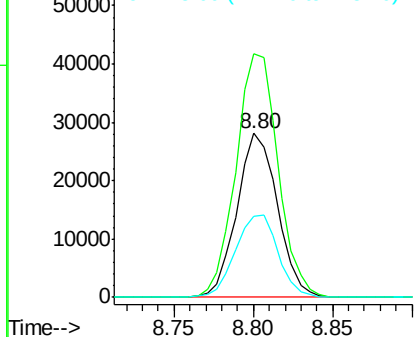
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

Instrument :
BNA_G
ClientSampleId :
AU-05-122617-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	49.6	53.0	79.4



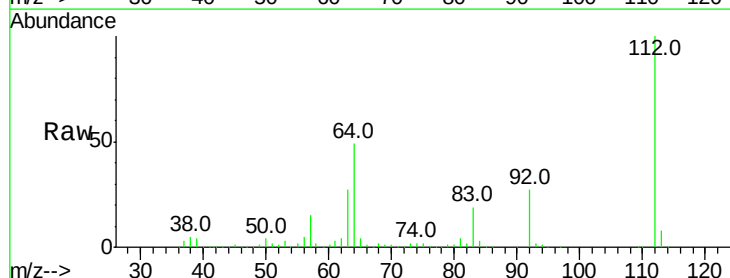
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



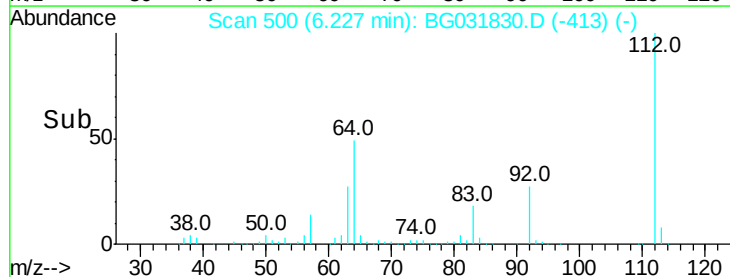
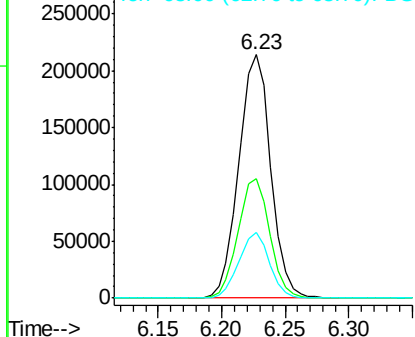
#5

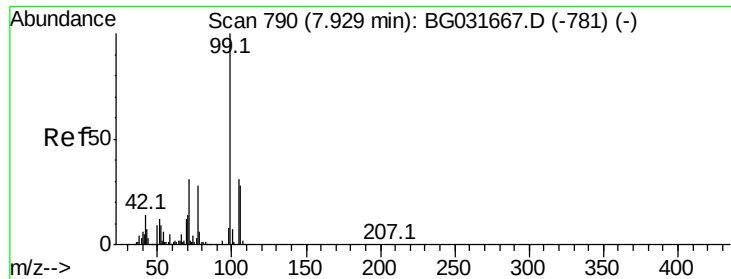
2-Fluorophenol
Concen: 136.506 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	56.3	84.5
63	26.8	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: 117.368 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-B

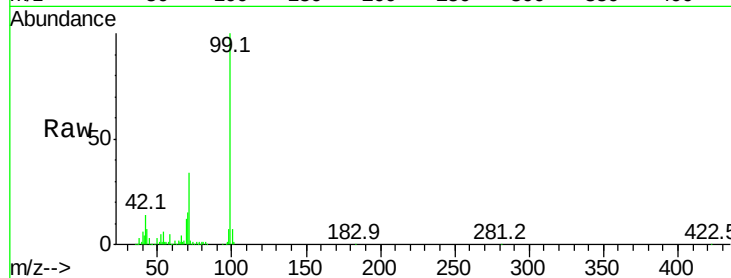
Tot Ion: 99 Resp: 418559

Ion Ratio Lower Upper

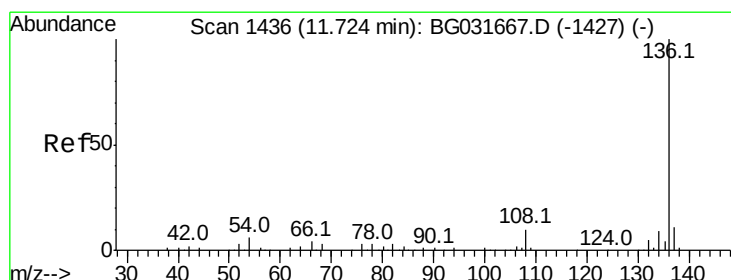
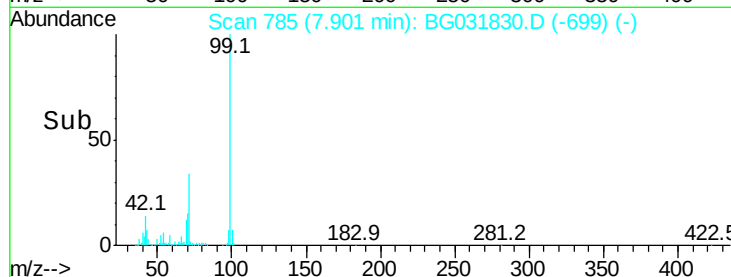
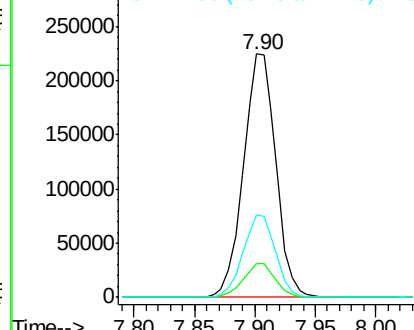
99 100

42 13.8 14.1 21.1#

71 33.9 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: 11.69 min Scan# 1429

Delta R.T. -0.04 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

Tgt Ion: 136 Resp: 196191

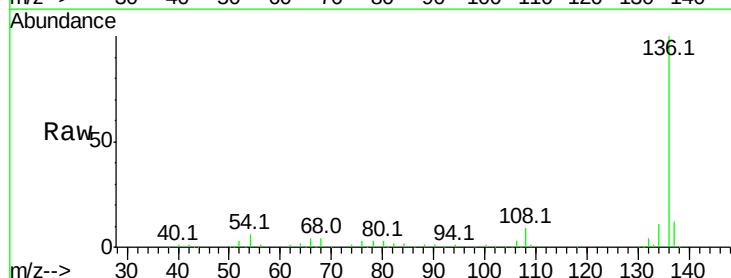
Ion Ratio Lower Upper

136 100

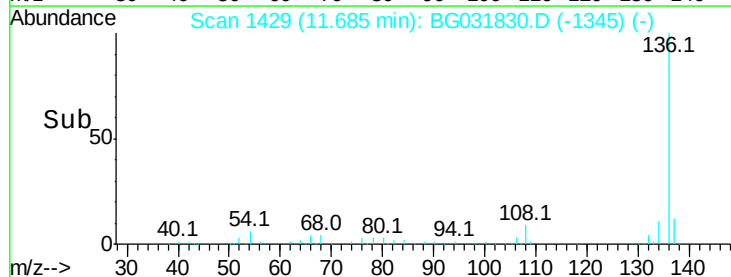
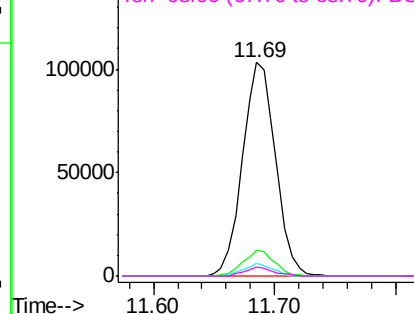
137 11.7 9.2 13.8

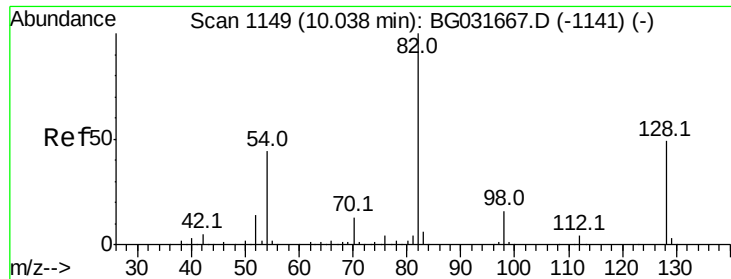
54 5.7 10.3 15.5#

68 4.2 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

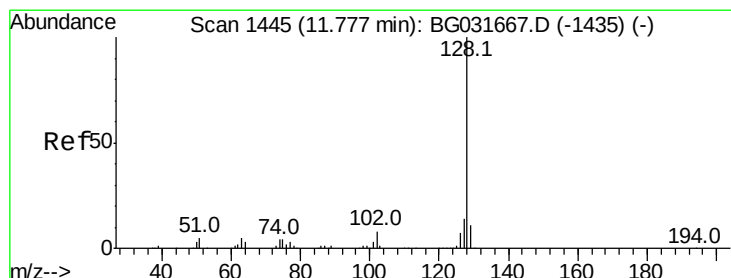
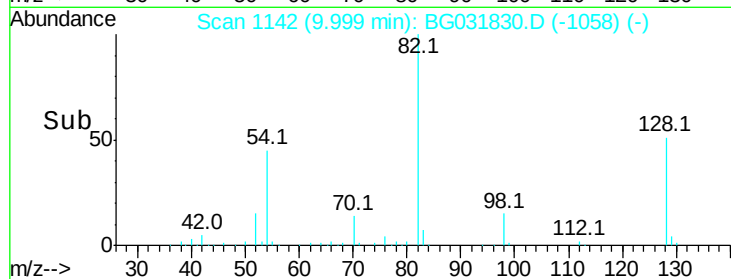
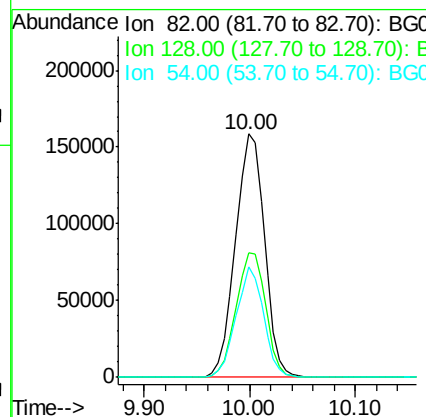
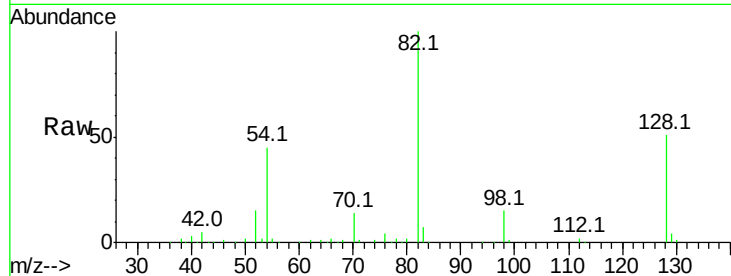




#23
Nitrobenzene-d5
Concen: 116.041 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

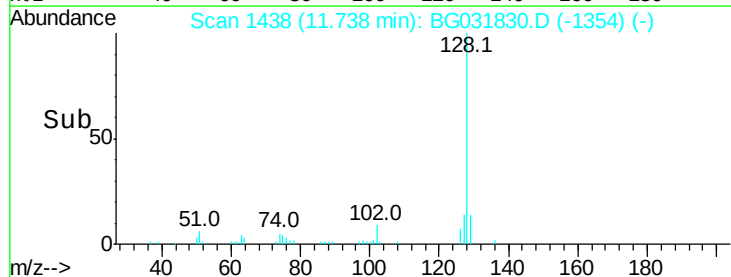
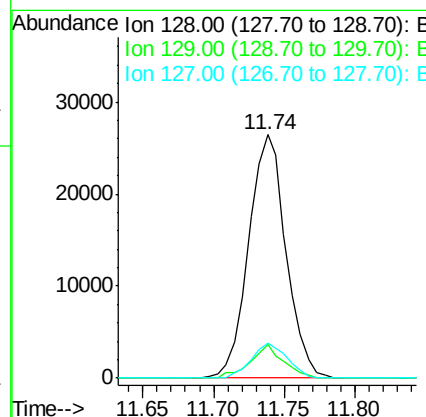
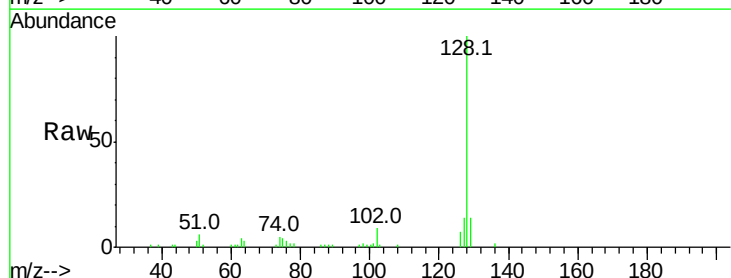
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-B

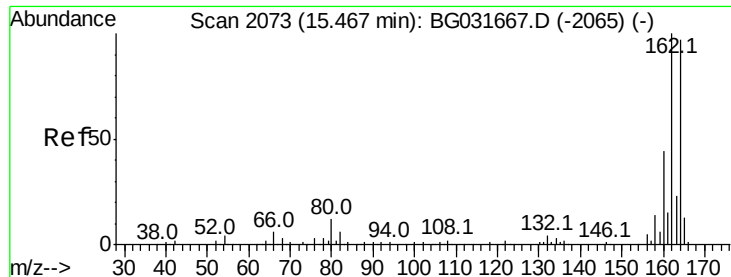
Tot Ion: 82 Resp: 301491
Ion Ratio Lower Upper
82 100
128 51.2 29.7 44.5#
54 45.4 43.1 64.7



#31
Naphthalene
Concen: 4.933 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

Tgt Ion: 128 Resp: 48845
Ion Ratio Lower Upper
128 100
129 13.9 8.6 12.8#
127 14.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.04 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-B

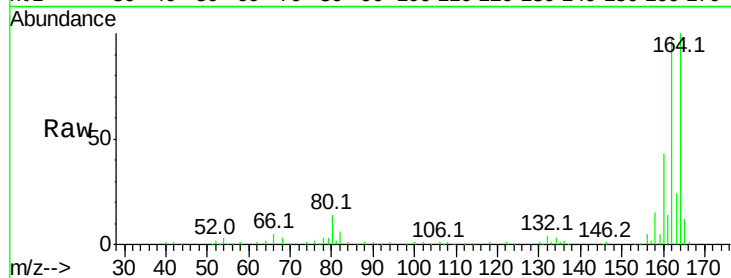
Tot Ion:164 Resp: 134633

Ion Ratio Lower Upper

164 100

162 98.2 78.8 118.2

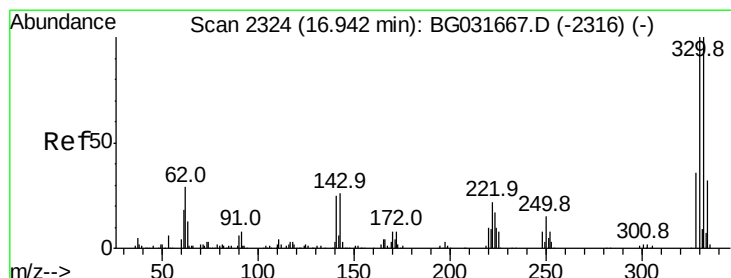
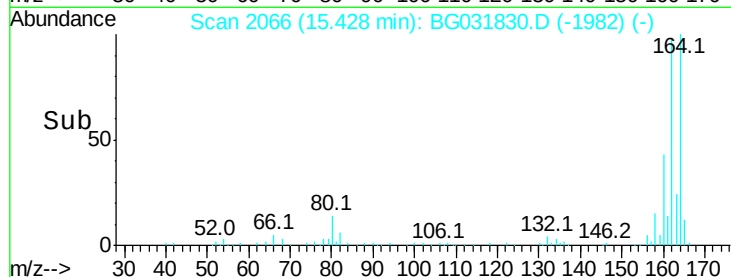
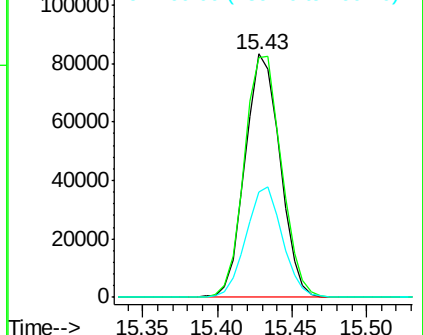
160 43.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 181.138 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

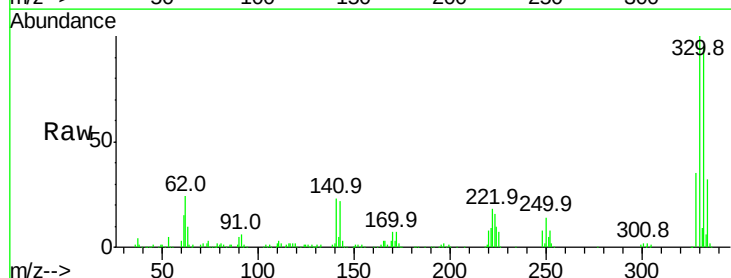
Tgt Ion:330 Resp: 372115

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

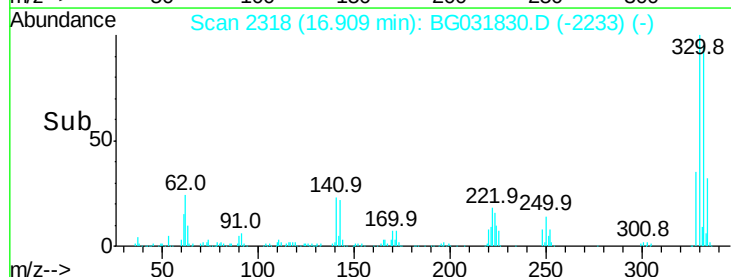
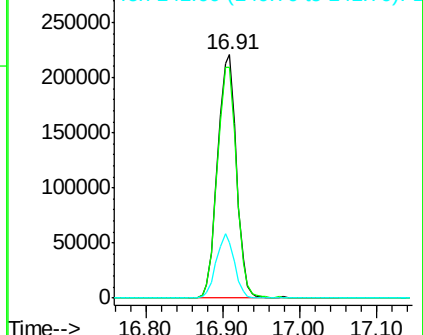
141 25.2 25.2 37.8

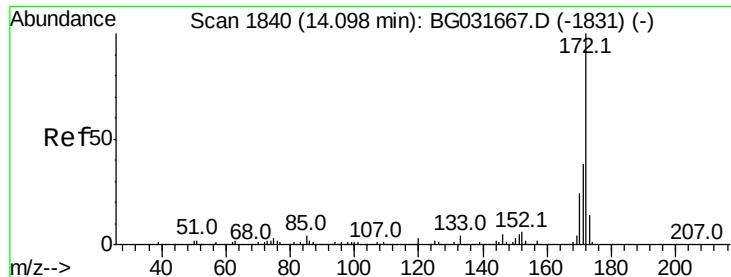


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

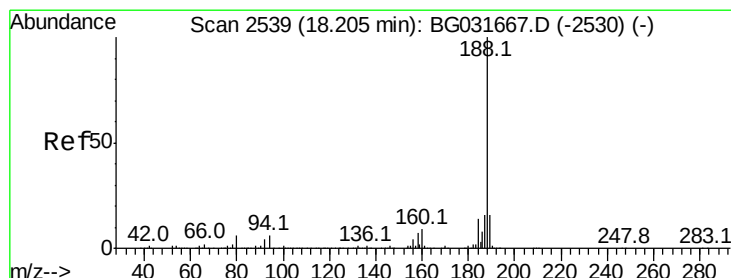
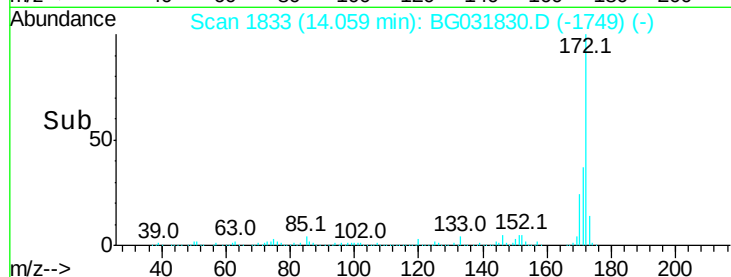
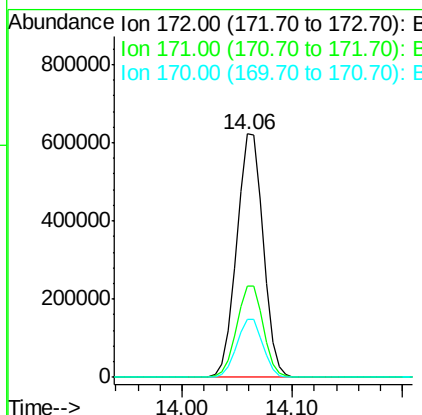
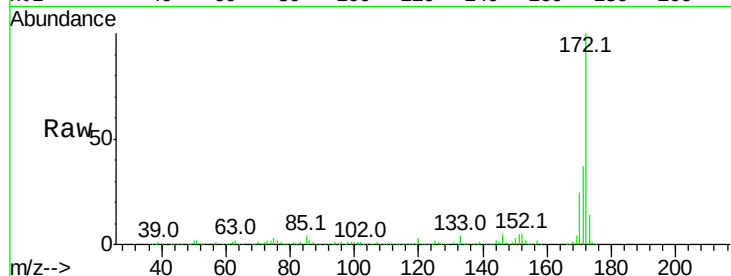




#44
2-Fluorobiphenyl
Concen: 98.073 ng
RT: 14.06 min Scan# 1833
Delta R.T. -0.04 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

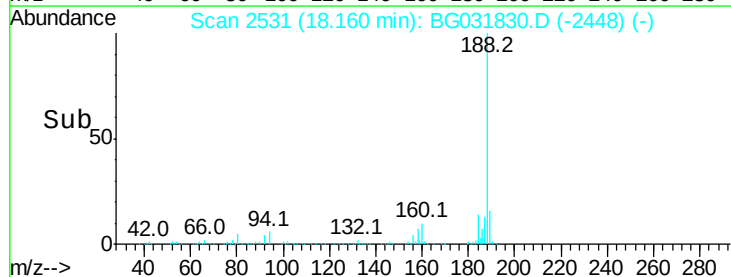
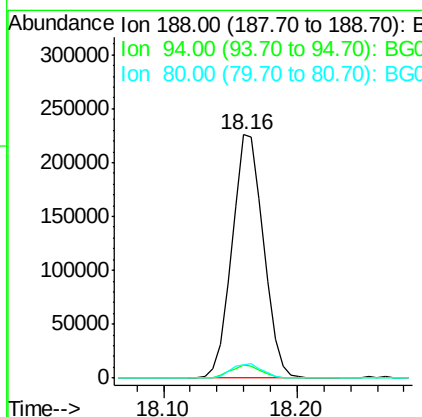
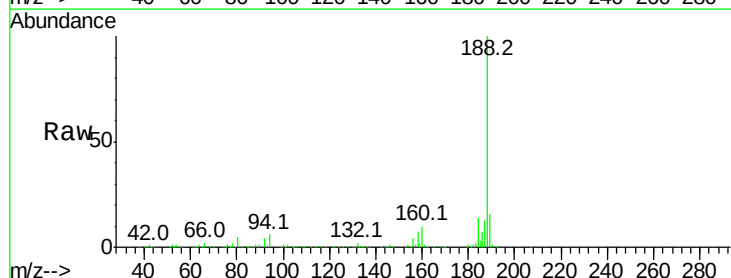
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-B

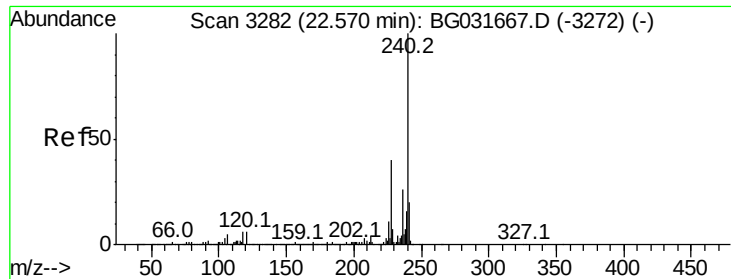
Tot Ion:172 Resp: 1051986
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031830.D
Acq: 28 Dec 2017 18:12

Tgt Ion:188 Resp: 369284
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.06 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-B

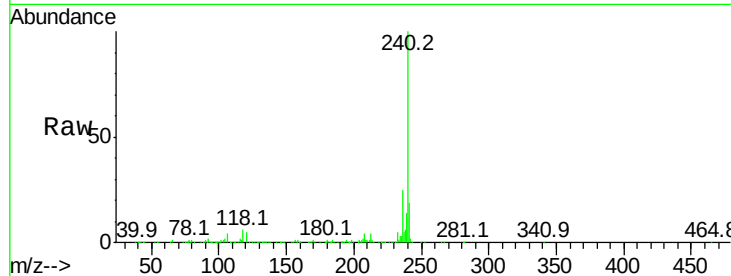
Tot Ion:240 Resp: 434669

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

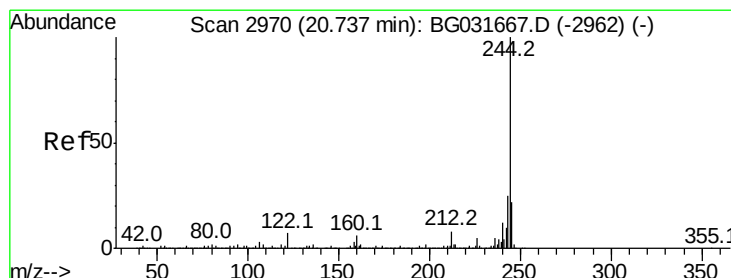
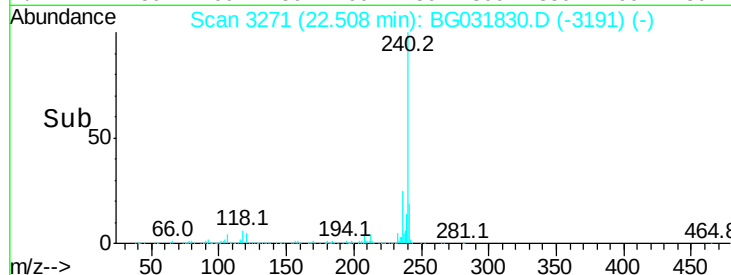
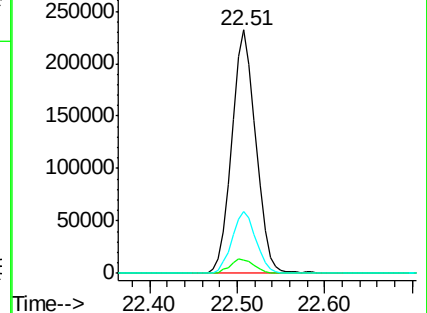
236 25.5 20.9 31.3



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: 103.763 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031830.D

Acq: 28 Dec 2017 18:12

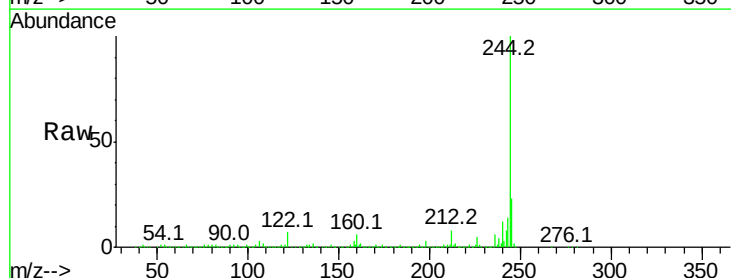
Tgt Ion:244 Resp: 1974150

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

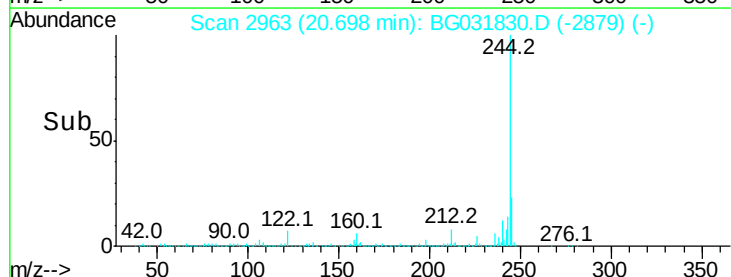
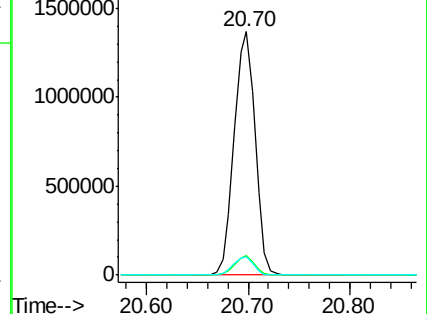
122 7.4 7.0 10.4

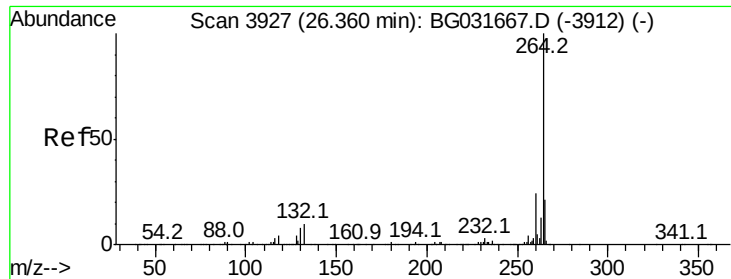


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

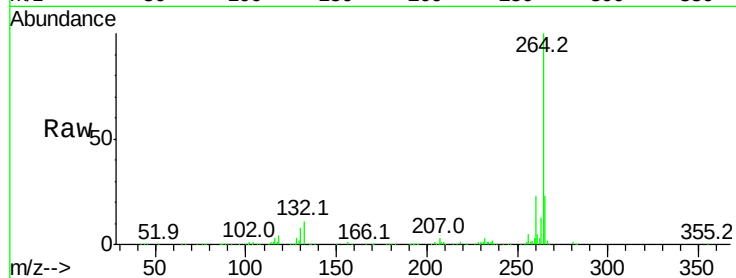




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.25 min Scan# 3908
 Delta R.T. -0.11 min
 Lab File: BG031830.D
 Acq: 28 Dec 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-B

Tot Ion: 264 Resp: 440844
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 22.6 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

