

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031277.D
 Acq On : 29 Nov 2017 19:07
 Operator : SJ/JU
 Sample : I6304-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112817-A

Quant Time: Nov 30 04:03:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

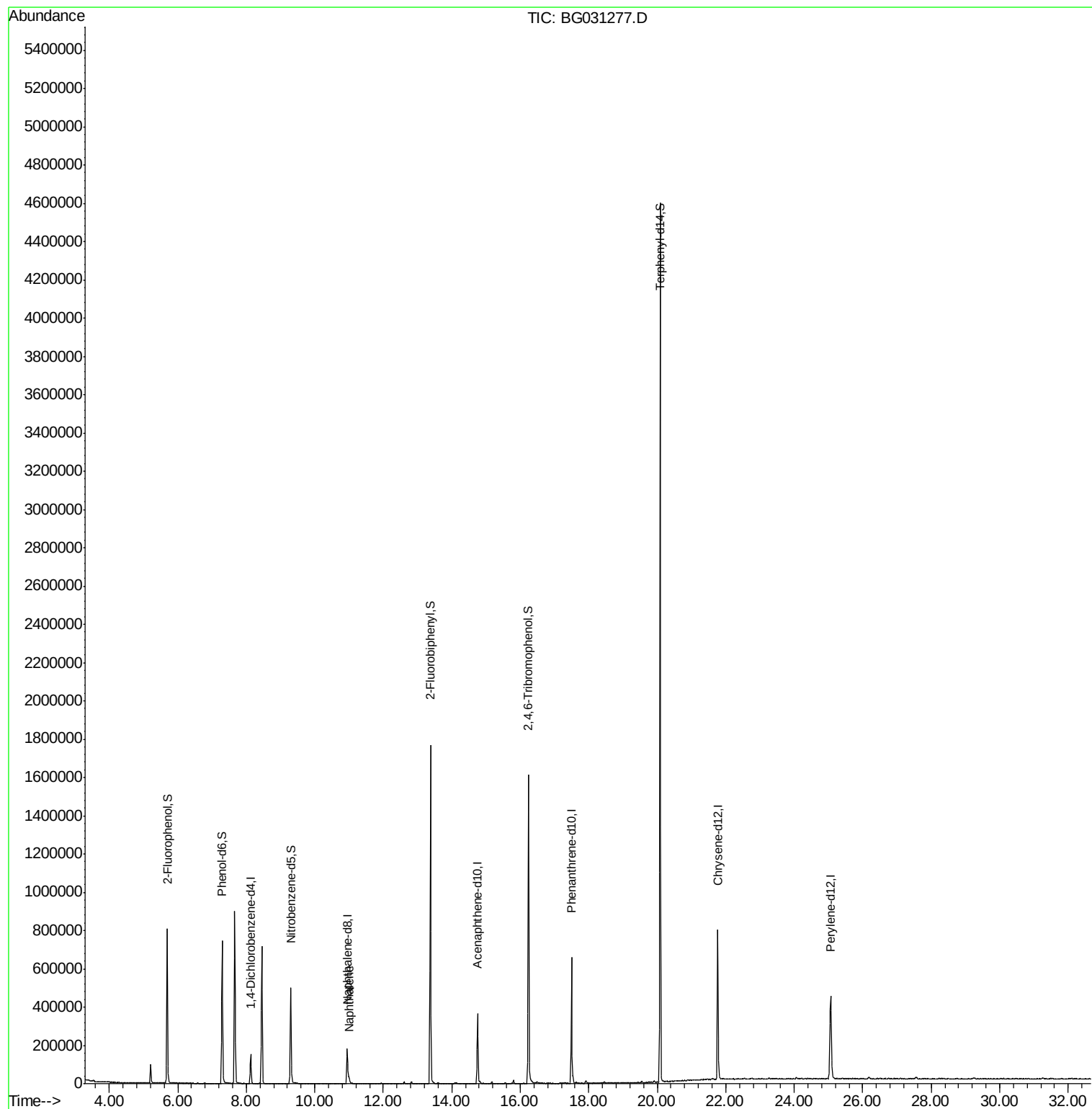
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46756	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	203659	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	143266	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	434755	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	521447	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509979	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	411907	151.07	ng	-0.02
7) Phenol-d6	7.30	99	490173	133.44	ng	-0.01
23) Nitrobenzene-d5	9.30	82	349210	101.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	350082	151.06	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1040608	104.37	ng	-0.02
78) Terphenyl-d14	20.09	244	2280605	96.57	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	31180	3.114	ng	Qvalue # 94

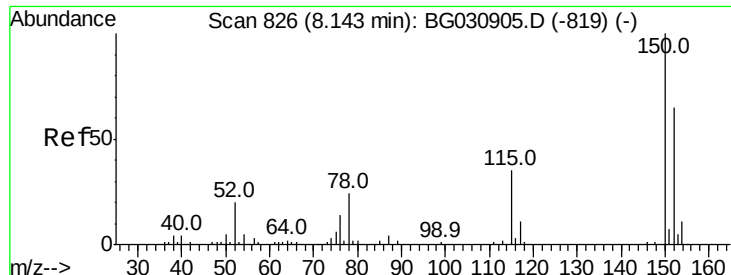
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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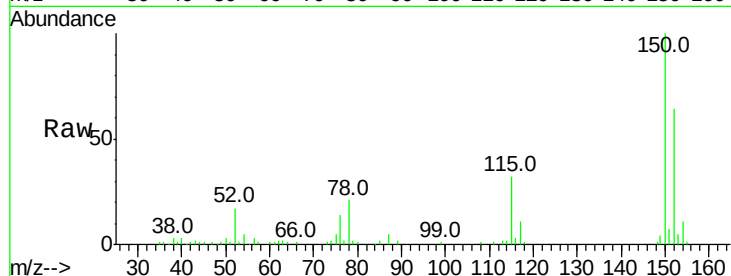


#1

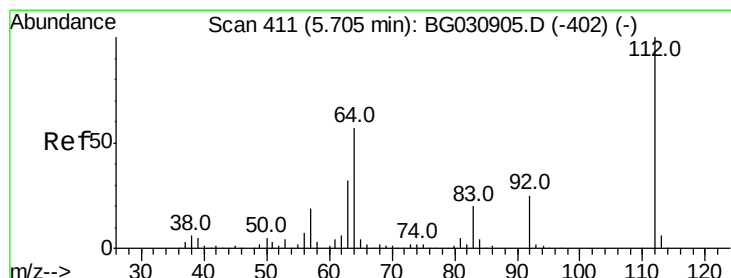
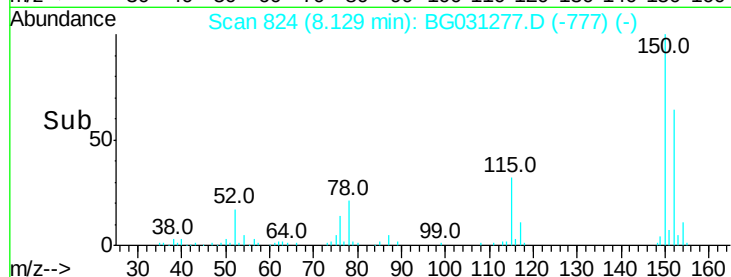
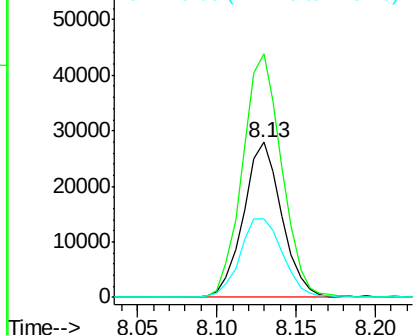
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampleId :
CL-02-112817-A

Tot Ion:152 Resp: 46756
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 50.7 53.0 79.4#



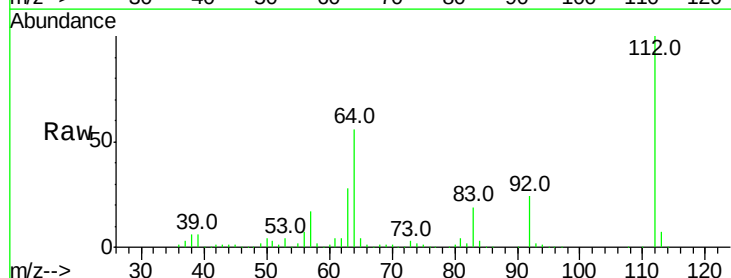
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



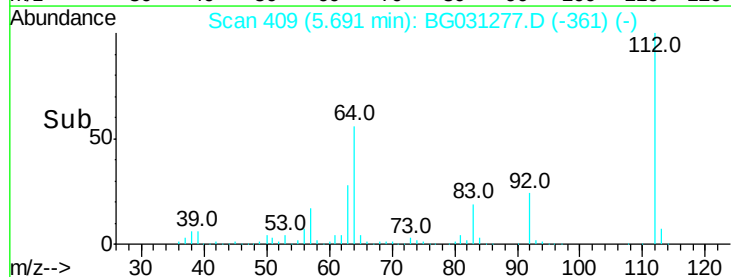
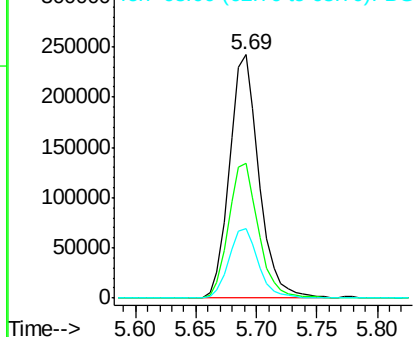
#5

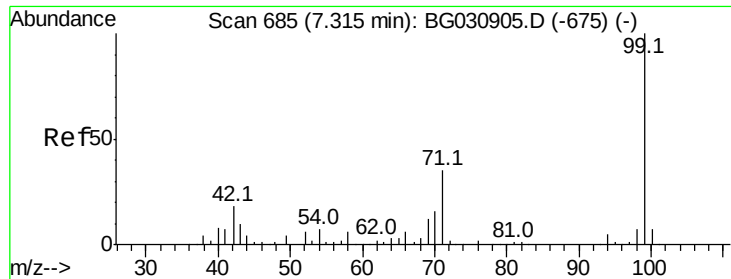
2-Fluorophenol
Concen: 151.065 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion:112 Resp: 411907
Ion Ratio Lower Upper
112 100
64 55.6 56.3 84.5#
63 28.5 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: 133.437 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

CL-02-112817-A

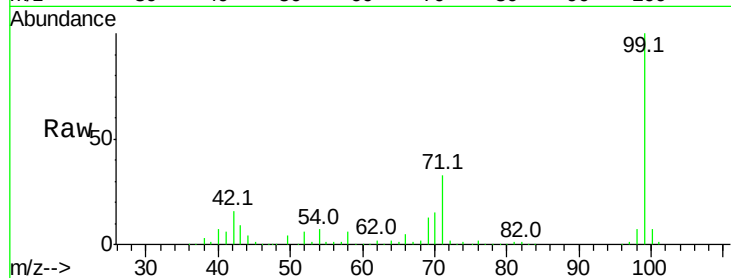
Tot Ion: 99 Resp: 490173

Ion Ratio Lower Upper

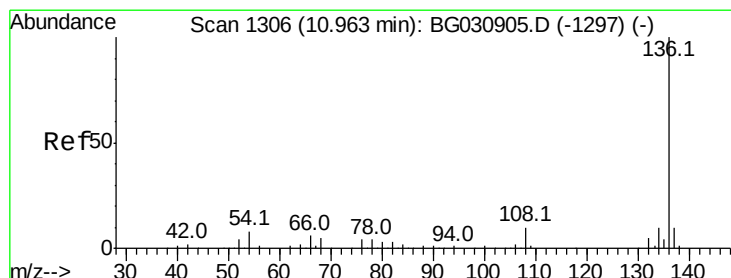
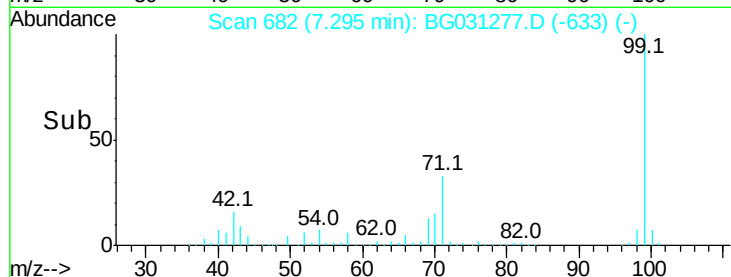
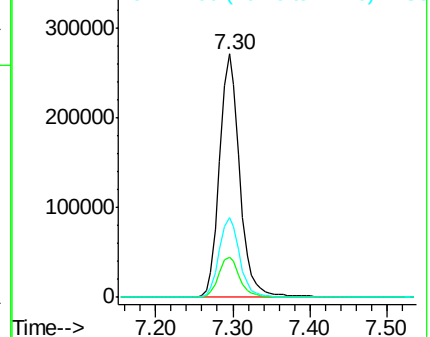
99 100

42 16.4 14.1 21.1

71 32.8 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# 1304

Delta R.T. -0.02 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

Tgt Ion: 136 Resp: 203659

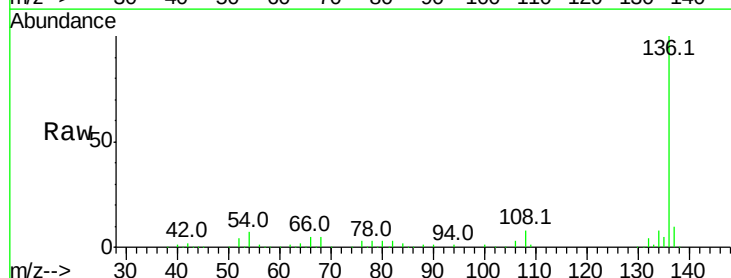
Ion Ratio Lower Upper

136 100

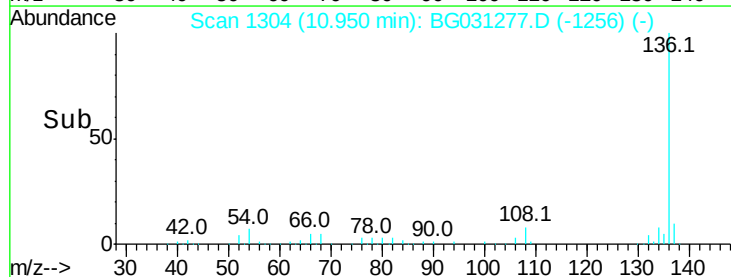
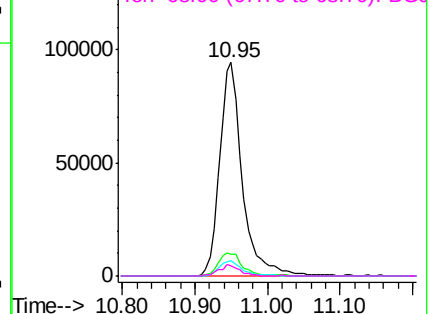
137 10.3 9.2 13.8

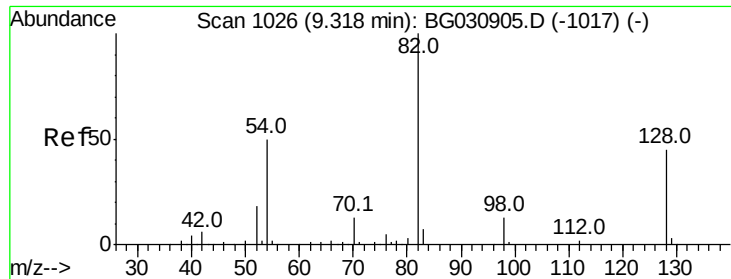
54 7.1 10.3 15.5#

68 4.7 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

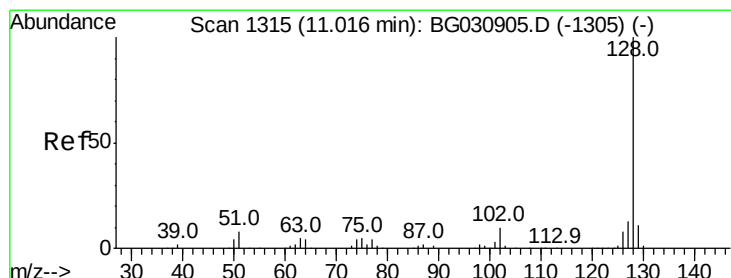
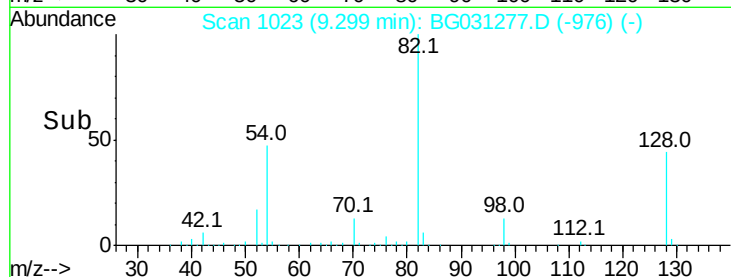
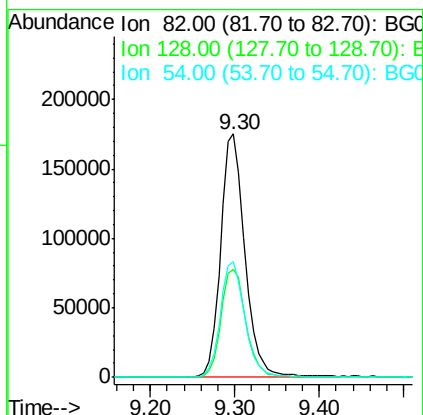
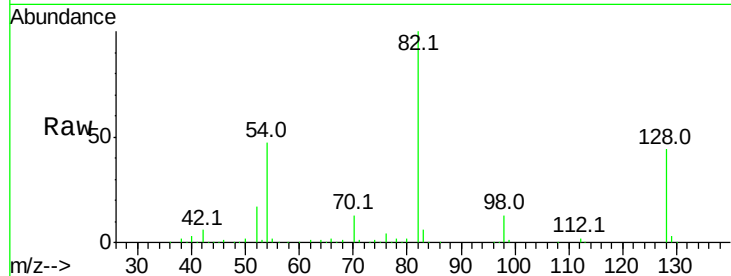




#23
Nitrobenzene-d5
Concen: 101.605 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

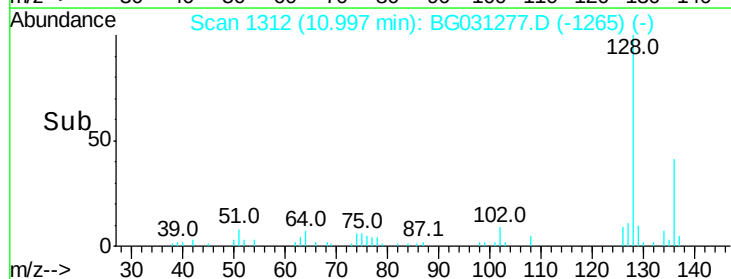
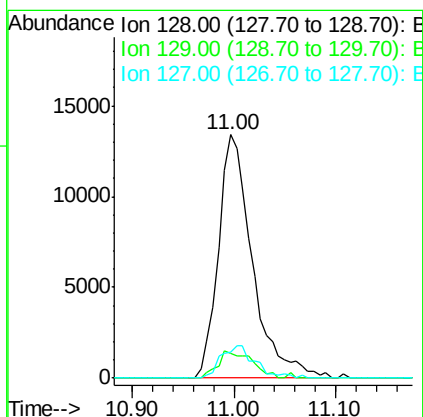
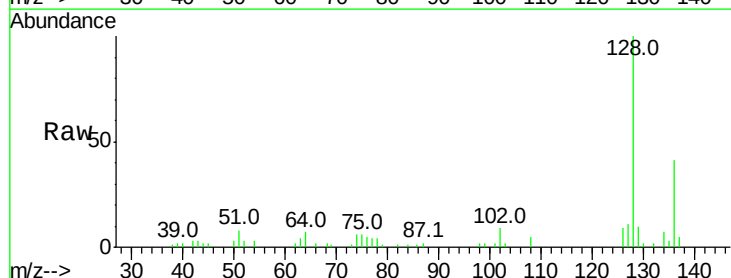
Instrument :
BNA_G
ClientSampleId :
CL-02-112817-A

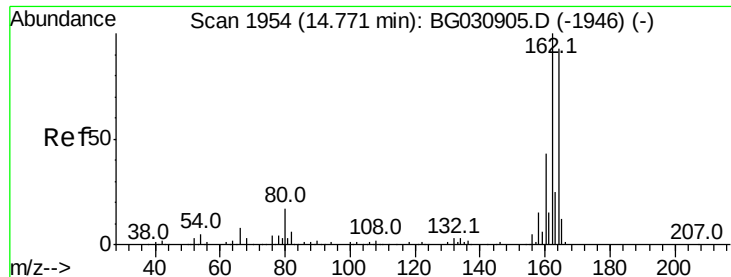
Tot Ion: 82 Resp: 349210
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 47.5 43.1 64.7



#31
Naphthalene
Concen: 3.114 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion: 128 Resp: 31180
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 10.6 11.6 17.4#

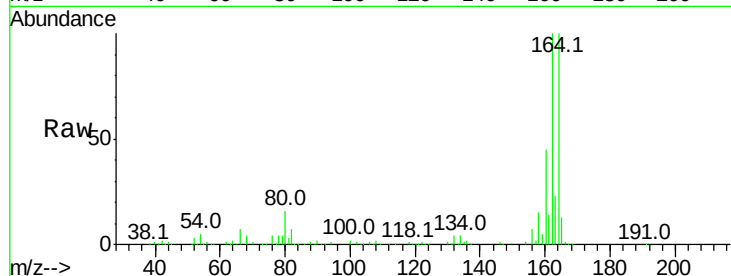




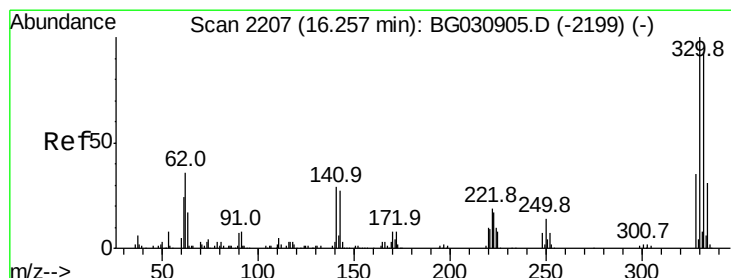
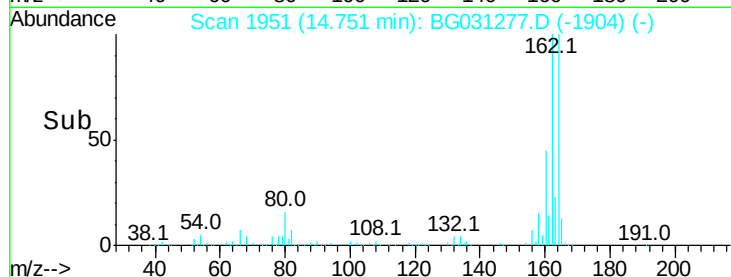
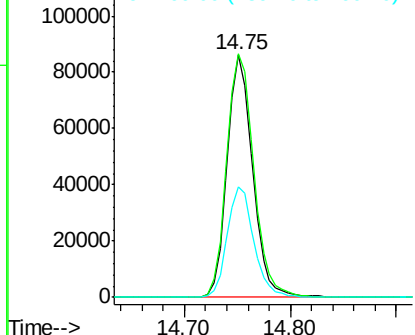
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampleId :
CL-02-112817-A

Tot Ion:164 Resp: 143266
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 45.4 35.4 53.0

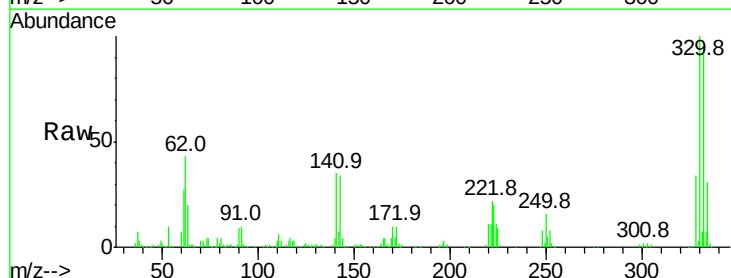


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

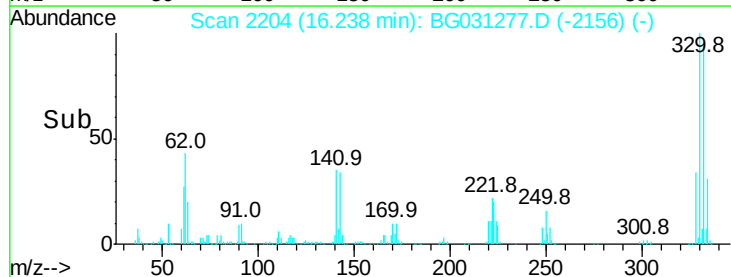
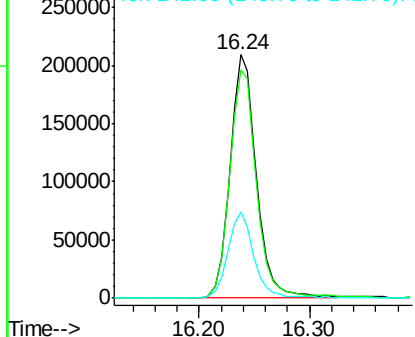


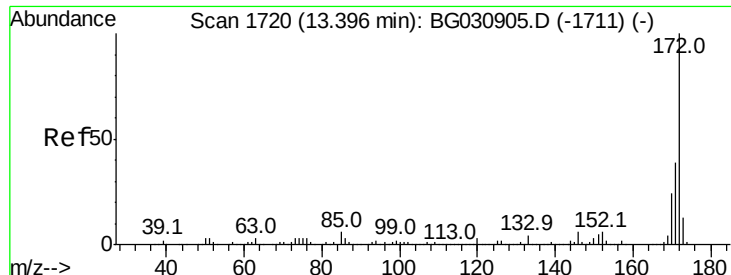
#41
2,4,6-Tribromophenol
Concen: 151.055 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion:330 Resp: 350082
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 35.3 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



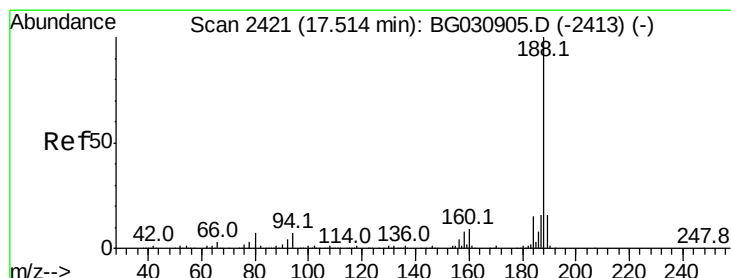
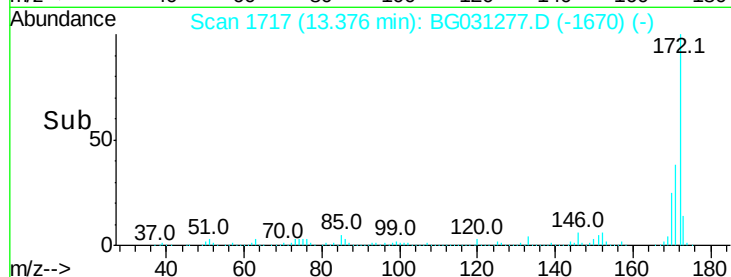
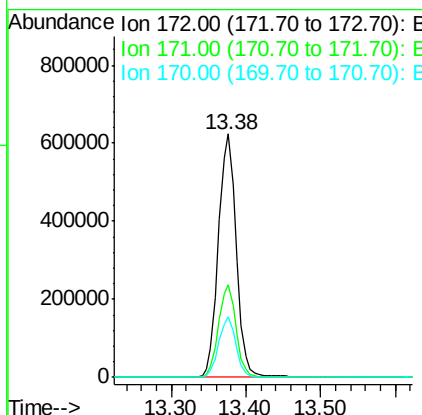
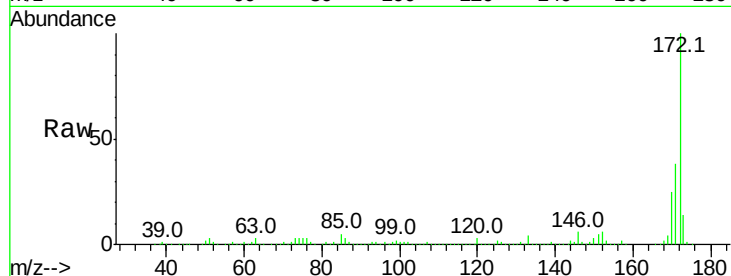


#44
 2-Fluorobiphenyl
 Concen: 104.368 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031277.D
 Acq: 29 Nov 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112817-A

Tot Ion:172 Resp: 1040608

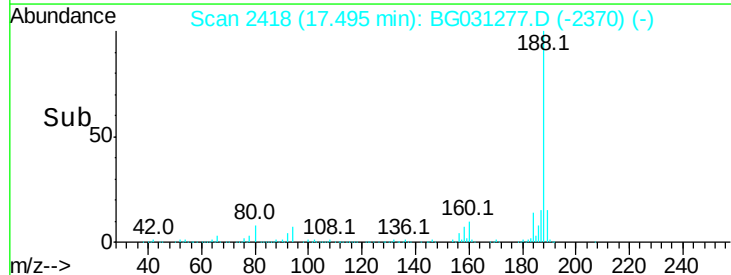
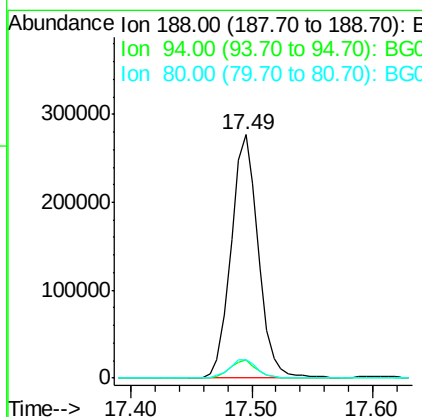
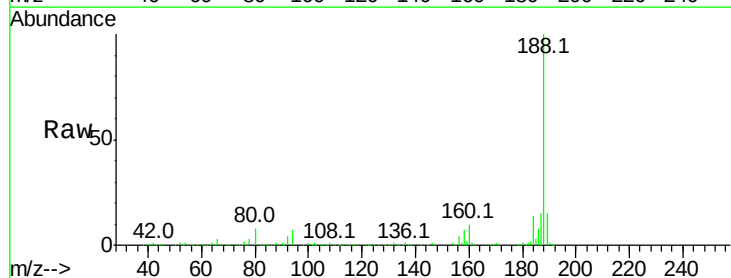
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.1	19.5	29.3

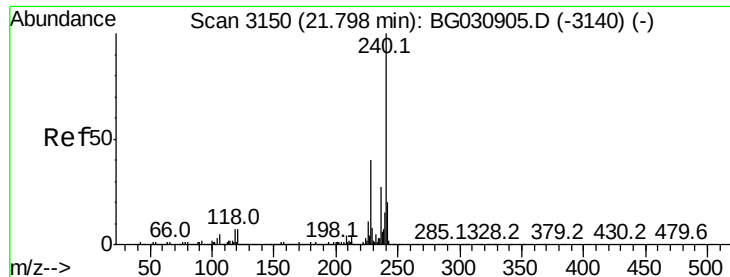


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031277.D
 Acq: 29 Nov 2017 19:07

Tgt Ion:188 Resp: 434755

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	7.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

CL-02-112817-A

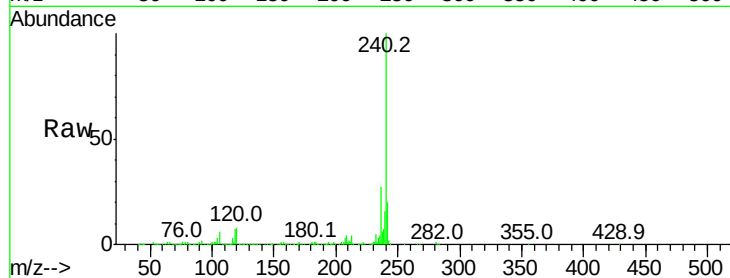
Tot Ion:240 Resp: 521447

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

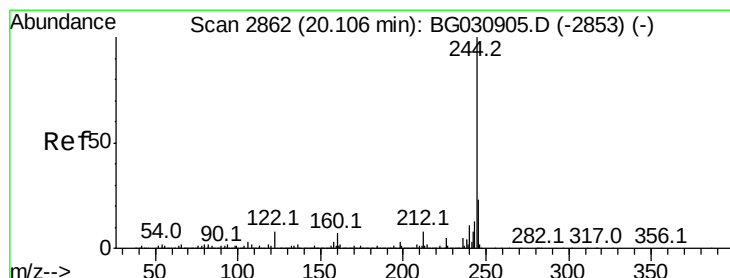
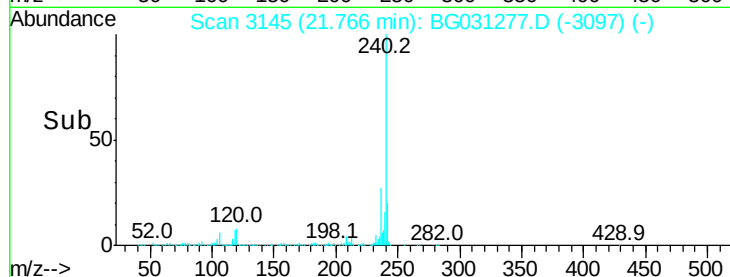
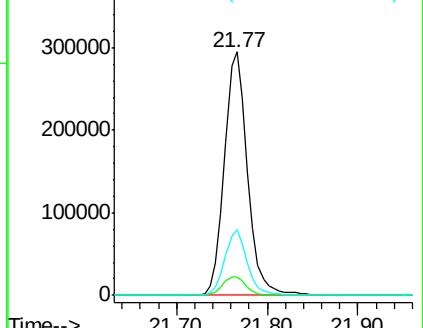
236 27.1 20.9 31.3



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: 96.573 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

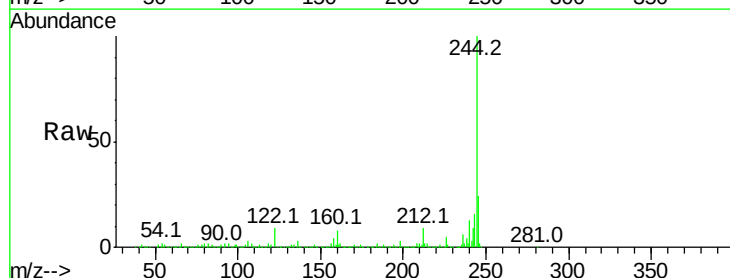
Tgt Ion:244 Resp: 2280605

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

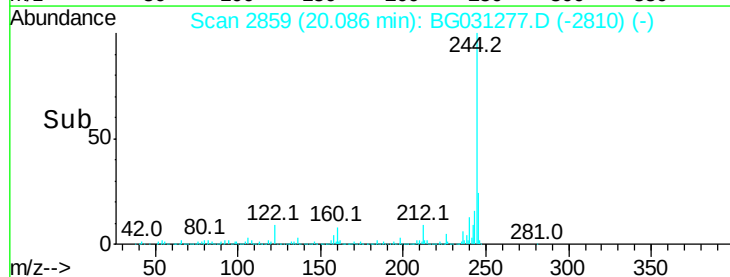
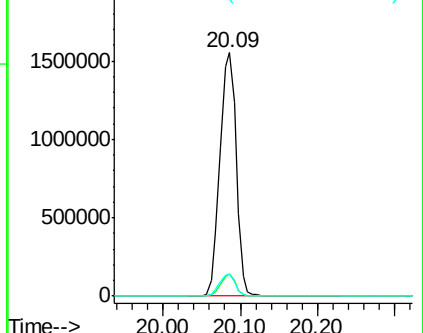
122 9.1 7.0 10.4

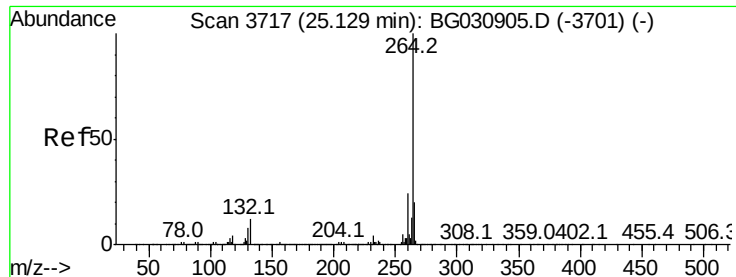


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

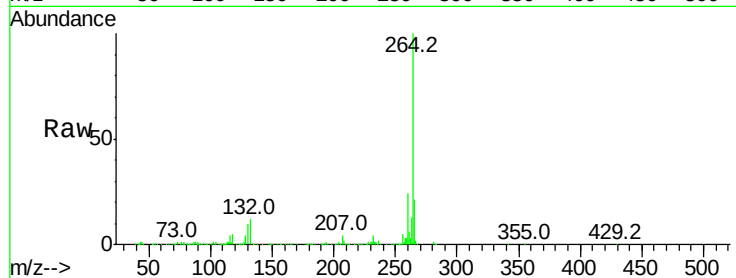




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031277.D
 Acq: 29 Nov 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112817-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	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

