

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031297.D
 Acq On : 30 Nov 2017 21:00
 Operator : SJ/JU
 Sample : I6634-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-D-B

Quant Time: Dec 01 03:17:56 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	76652	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	312600	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	202077	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	508550	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	558652	20.00	ng	-0.02
86) Perylene-d12	25.07	264	538228	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	174709	39.08	ng	-0.02
7) Phenol-d6	7.30	99	137082	22.76	ng	-0.01
23) Nitrobenzene-d5	9.30	82	464616	88.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	237115	72.54	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1346183	95.72	ng	-0.02
78) Terphenyl-d14	20.09	244	2118867	83.75	ng	-0.01

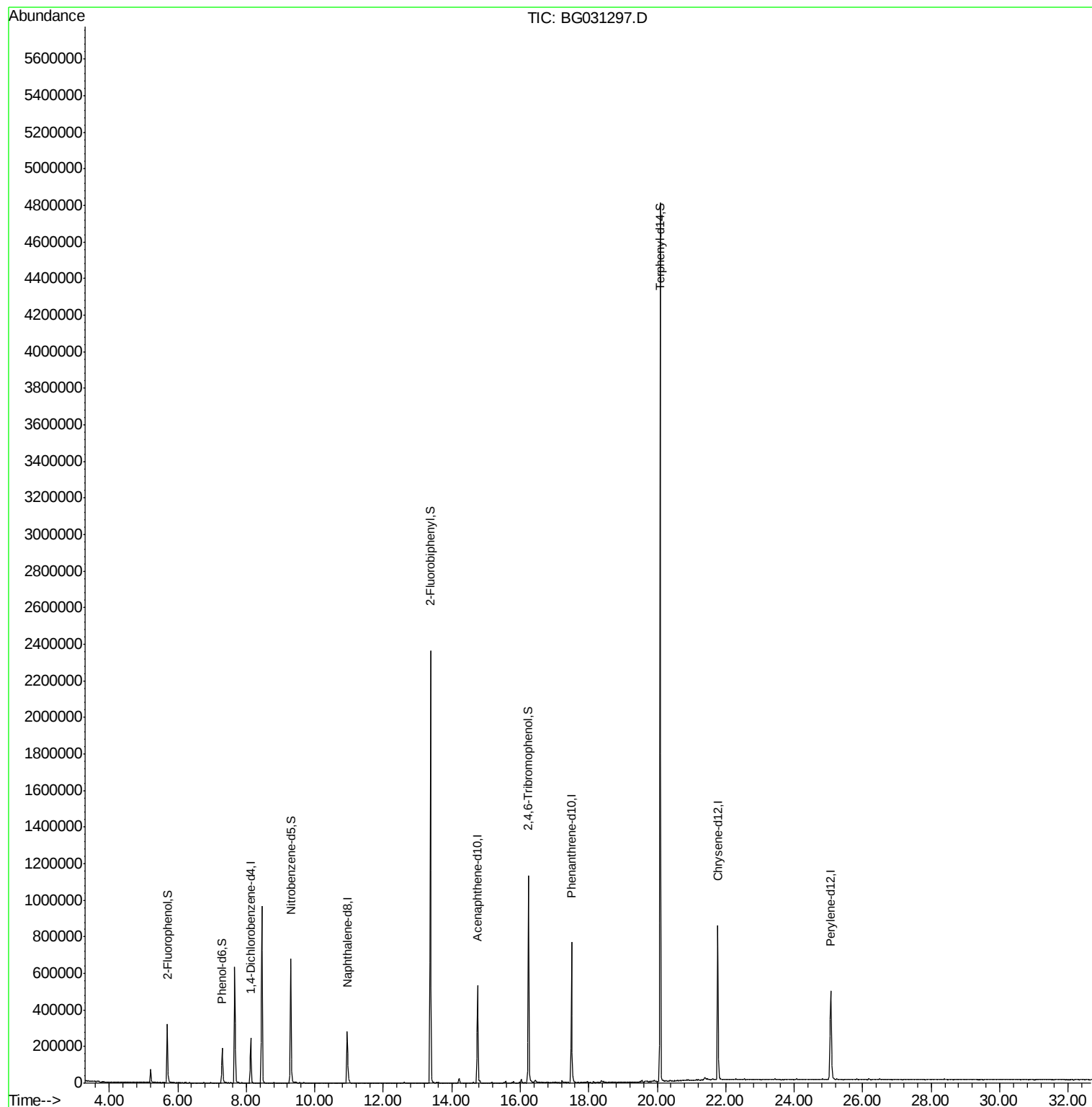
Target Compounds Qvalue

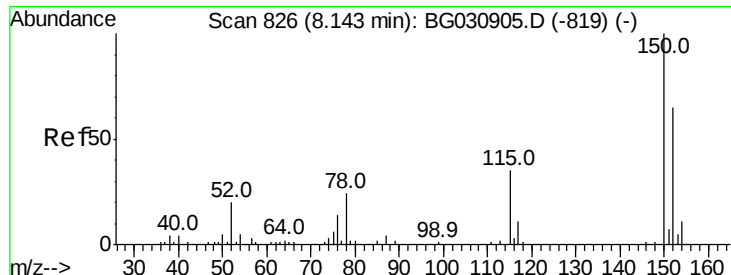
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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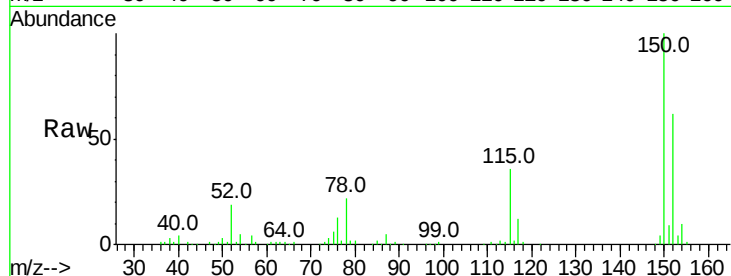


#1

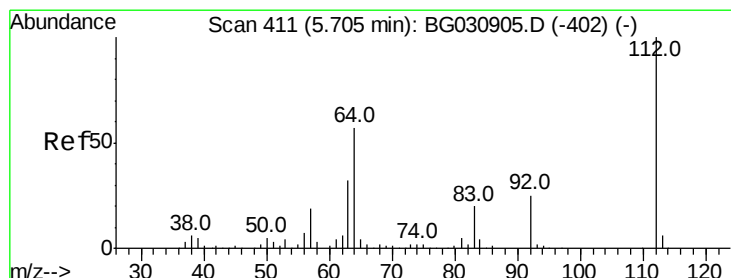
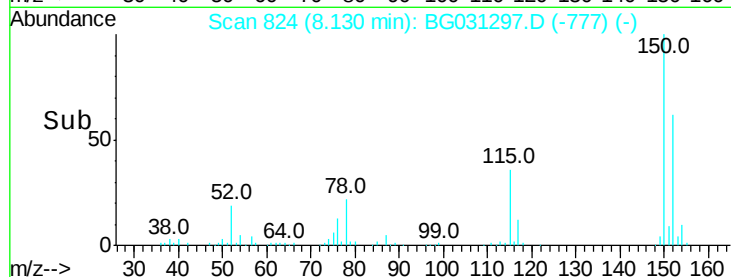
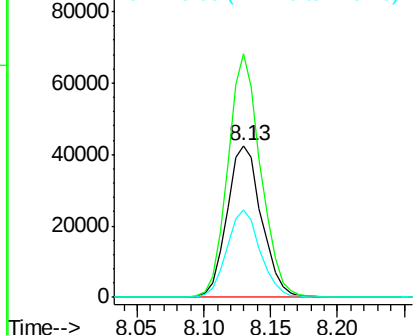
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031297.D
Acq: 30 Nov 2017 21:00

Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-D-B

Tot Ion:152 Resp: 76652
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 57.9 53.0 79.4



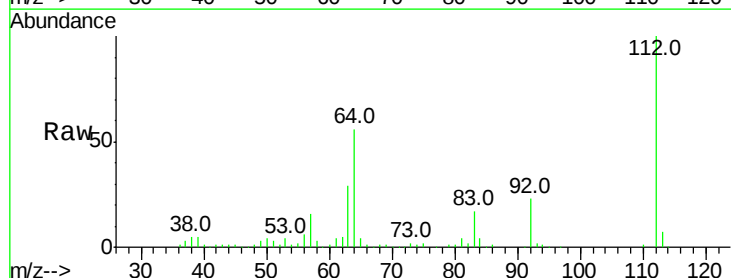
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



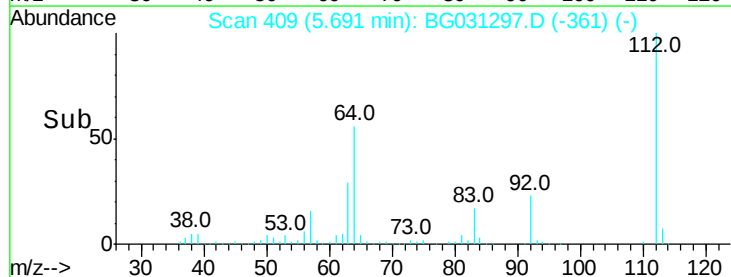
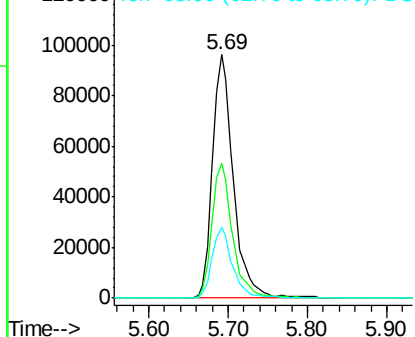
#5

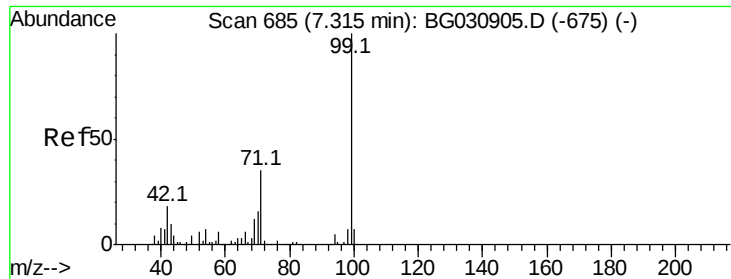
2-Fluorophenol
Concen: 39.084 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031297.D
Acq: 30 Nov 2017 21:00

Tgt Ion:112 Resp: 174709
Ion Ratio Lower Upper
112 100
64 55.6 56.3 84.5#
63 29.0 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: 22.763 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031297.D

Acq: 30 Nov 2017 21:00

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-D-B

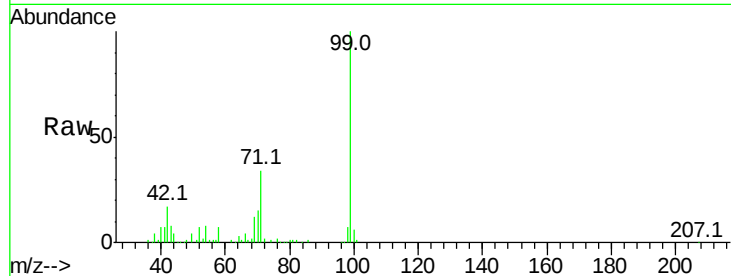
Tot Ion: 99 Resp: 137082

Ion Ratio Lower Upper

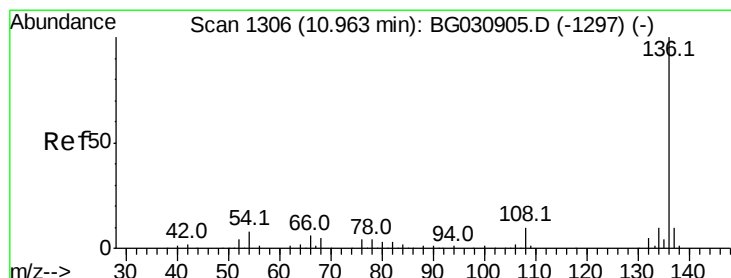
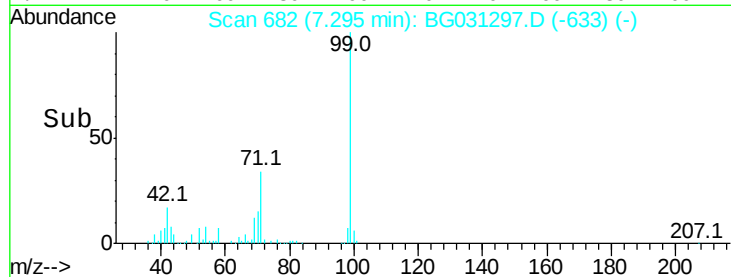
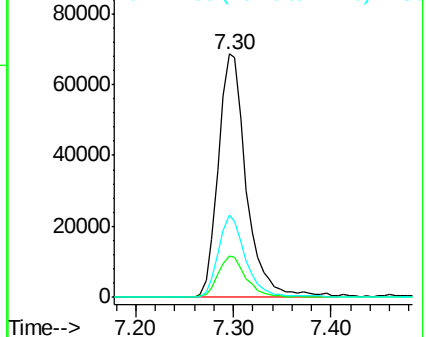
99 100

42 16.7 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031297.D

Acq: 30 Nov 2017 21:00

Tgt Ion: 136 Resp: 312600

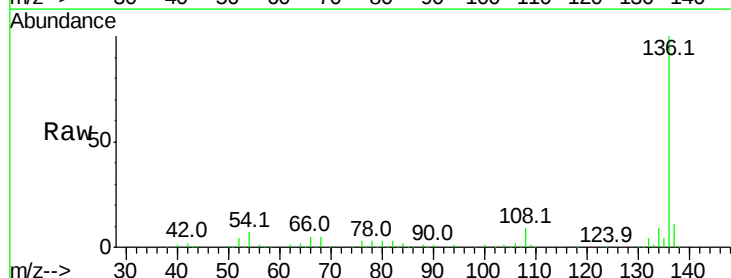
Ion Ratio Lower Upper

136 100

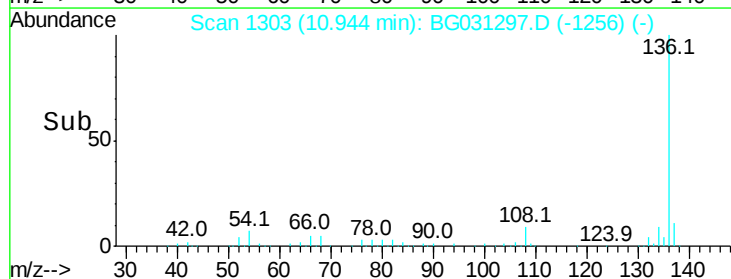
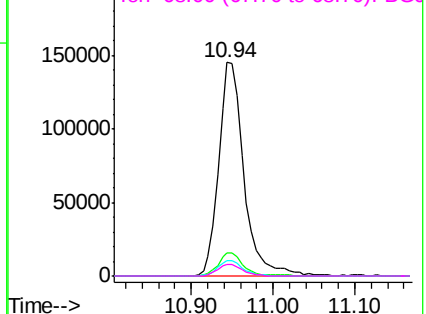
137 11.1 9.2 13.8

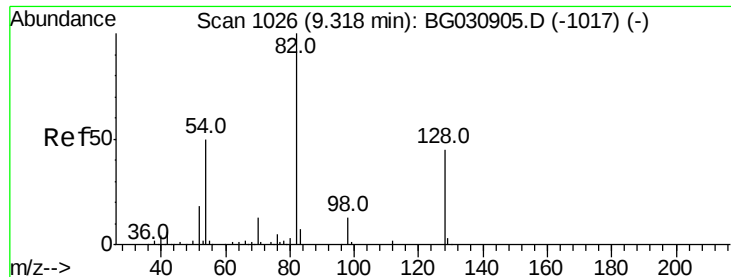
54 7.0 10.3 15.5#

68 5.4 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

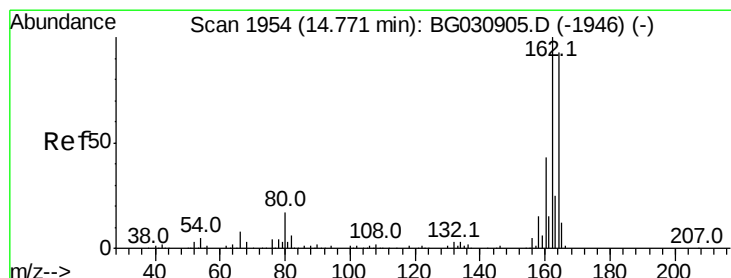
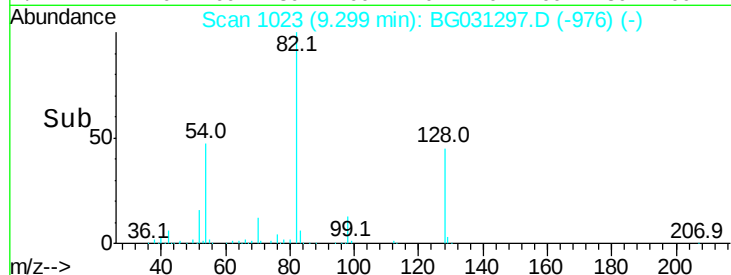
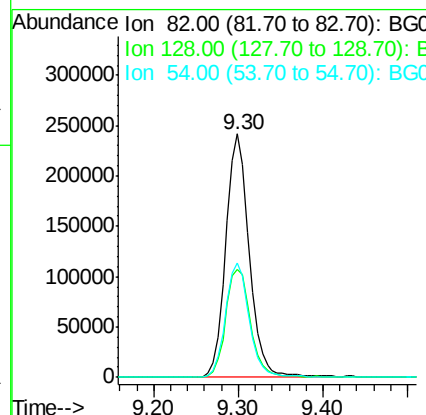
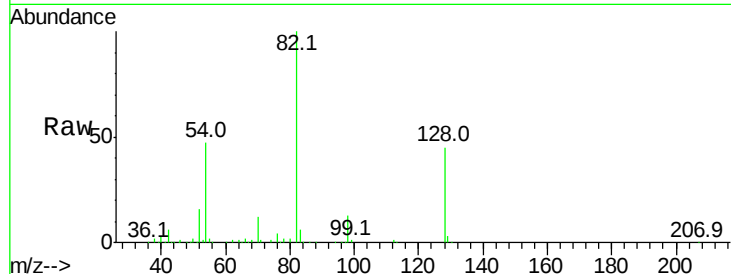




#23
Nitrobenzene-d5
Concen: 88.072 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031297.D
Acq: 30 Nov 2017 21:00

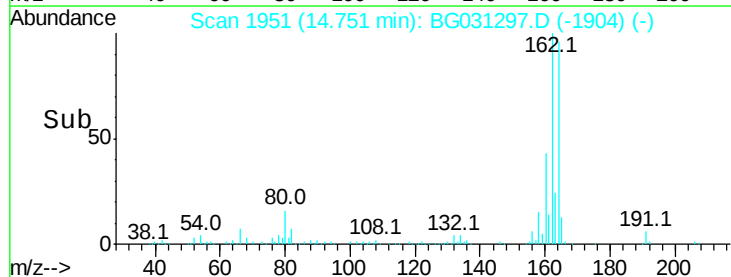
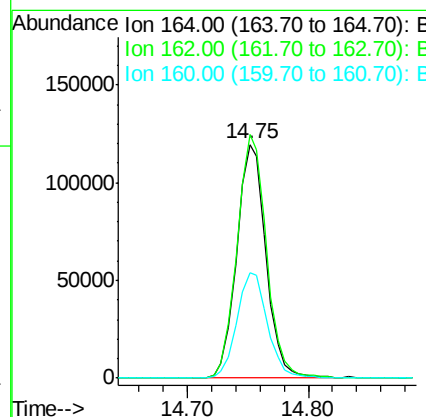
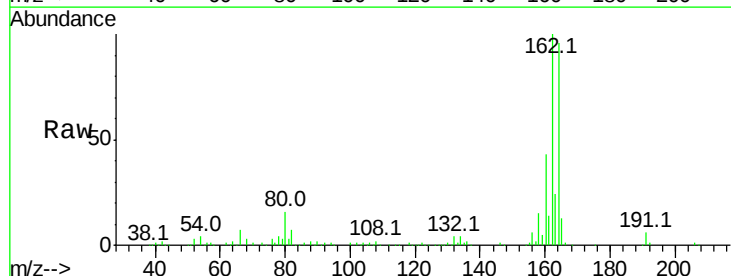
Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-D-B

Tot Ion: 82 Resp: 464616
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5#
54 47.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031297.D
Acq: 30 Nov 2017 21:00

Tgt Ion:164 Resp: 202077
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 44.9 35.4 53.0

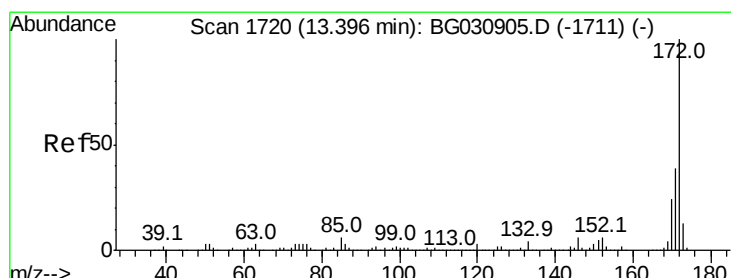
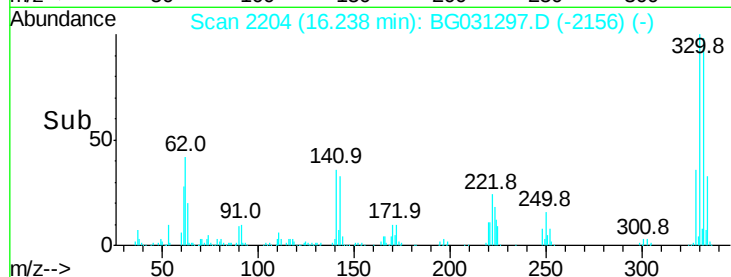
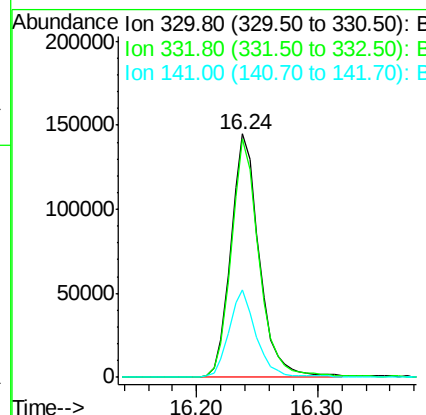
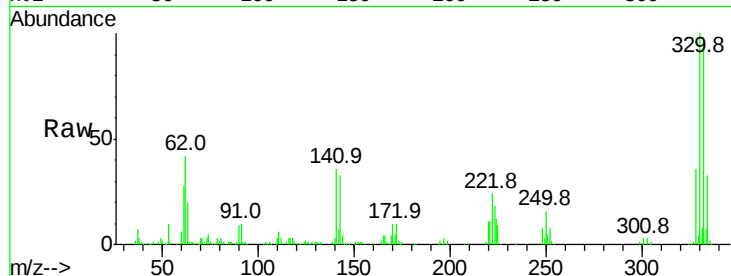




#41
 2,4,6-Tribromophenol
 Concen: 72.536 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031297.D
 Acq: 30 Nov 2017 21:00

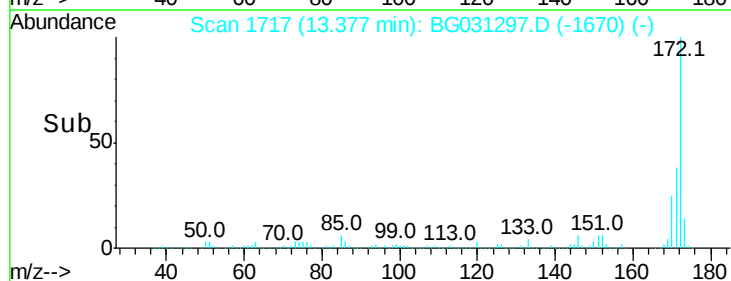
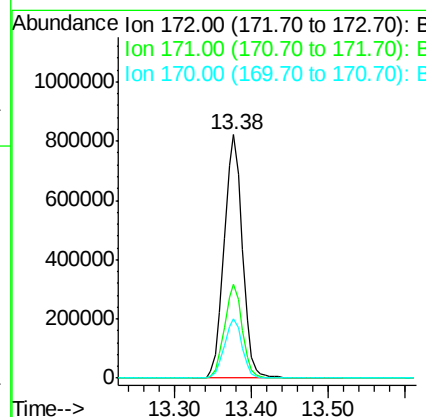
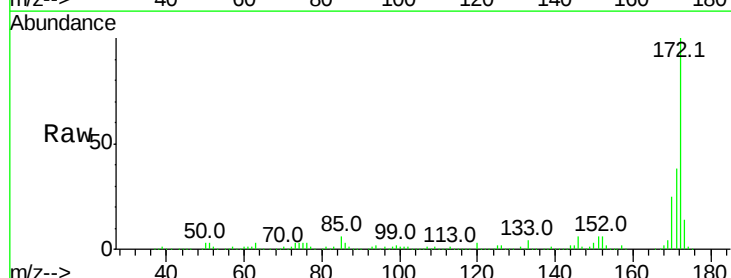
Instrument :
 BNA_G
 ClientSampleId :
 112717-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 95.722 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031297.D
 Acq: 30 Nov 2017 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.5	19.5	29.3

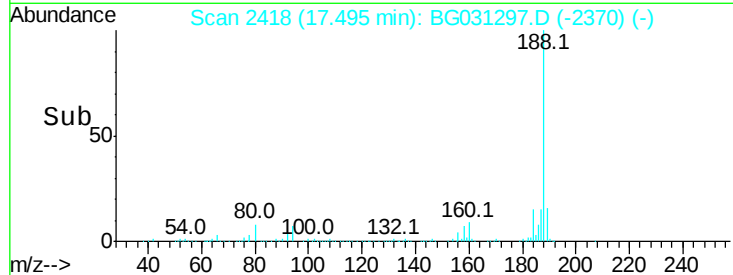
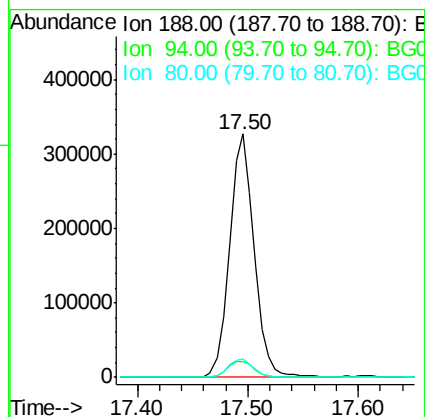
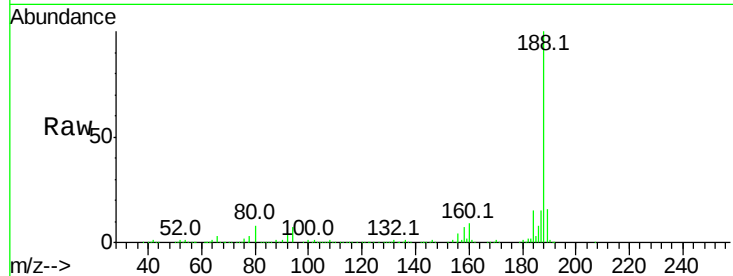




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031297.D
Acq: 30 Nov 2017 21:00

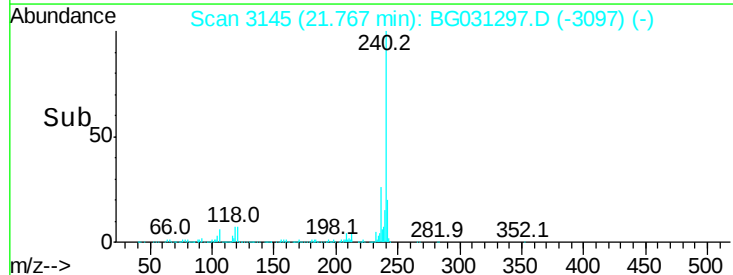
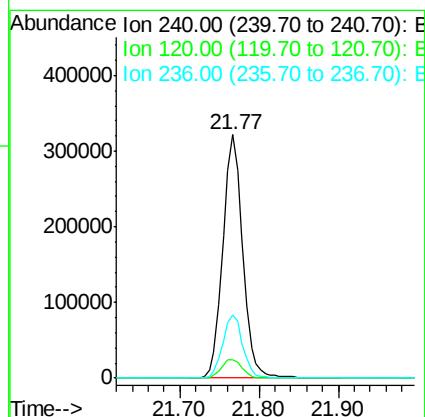
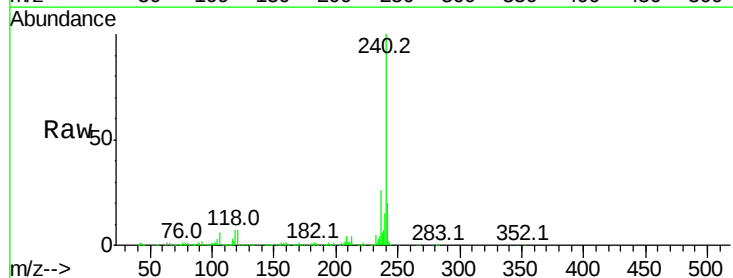
Instrument :
BNA_G
ClientSampleId :
112717-TIDO-E-D-B

Tot Ion:188 Resp: 508550
Ion Ratio Lower Upper
188 100
94 6.7 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: BG031297.D
Acq: 30 Nov 2017 21:00

Tgt Ion:240 Resp: 558652
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 83.749 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031297.D

Acq: 30 Nov 2017 21:00

Instrument :

BNA_G

ClientSampleId :

112717-TIDO-E-D-B

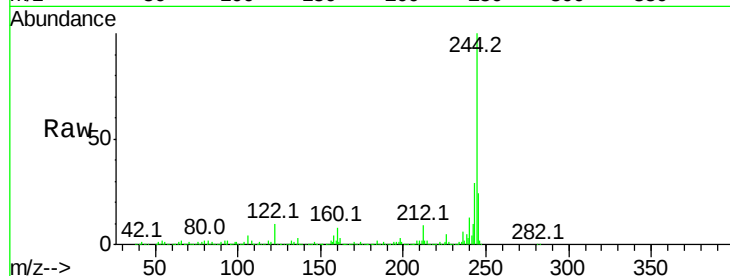
Tot Ion:244 Resp: 2118867

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

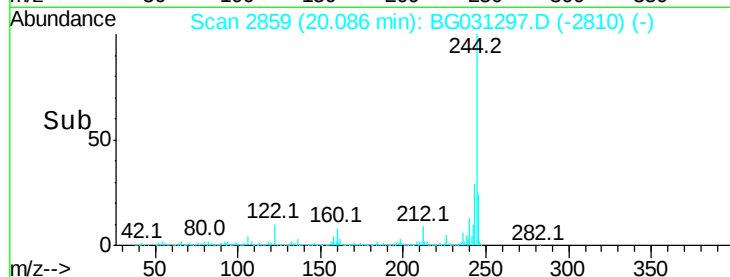
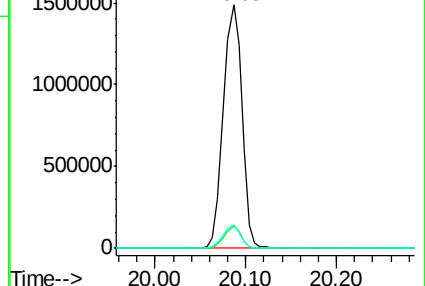
122 9.5 7.0 10.4



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. -0.02 min

Lab File: BG031297.D

Acq: 30 Nov 2017 21:00

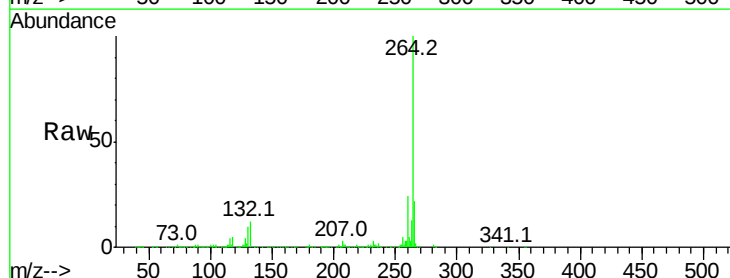
Tgt Ion:264 Resp: 538228

Ion Ratio Lower Upper

264 100

260 23.7 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

