

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031425.D
 Acq On : 8 Dec 2017 16:05
 Operator : SJ/JU
 Sample : I6725-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 17:37:05 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

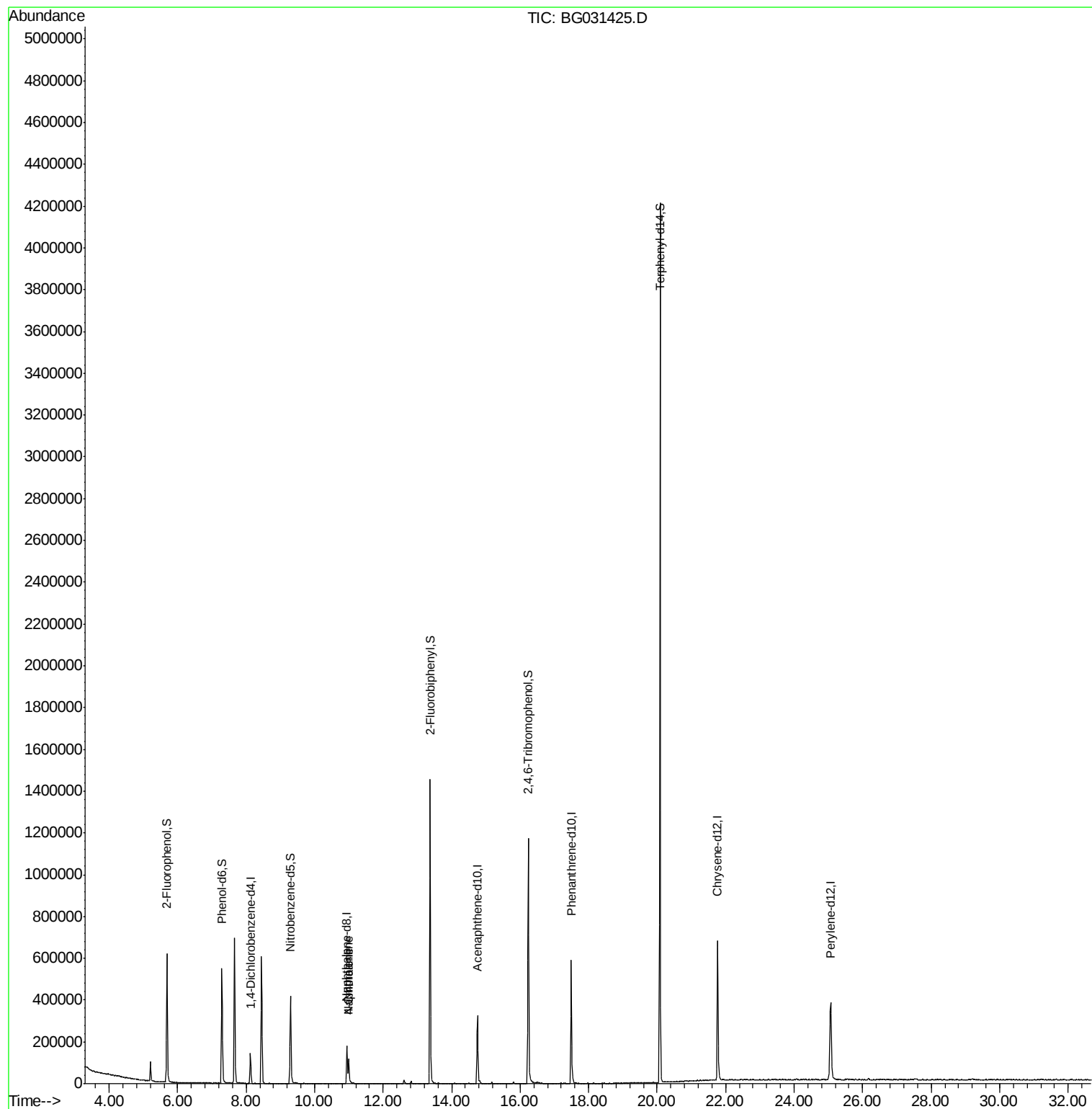
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42117	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	186053	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	136005	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	414626	20.00	ng	0.00
75) Chrysene-d12	21.76	240	484912	20.00	ng	0.00
86) Perylene-d12	25.07	264	469014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	307884	125.35	ng	0.00
7) Phenol-d6	7.29	99	363859	109.96	ng	0.00
23) Nitrobenzene-d5	9.29	82	293707	93.54	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	252755	114.88	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	868808	91.79	ng	0.00
78) Terphenyl-d14	20.08	244	1988665	90.56	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	111418	12.182	ng	Qvalue # 96
33) 4-Chloroaniline	10.99	127	14867	3.713	ng	# 23

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

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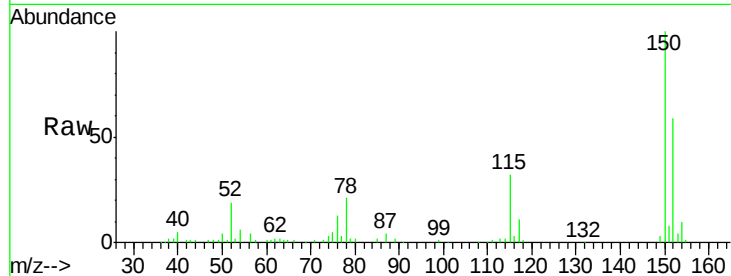


#1

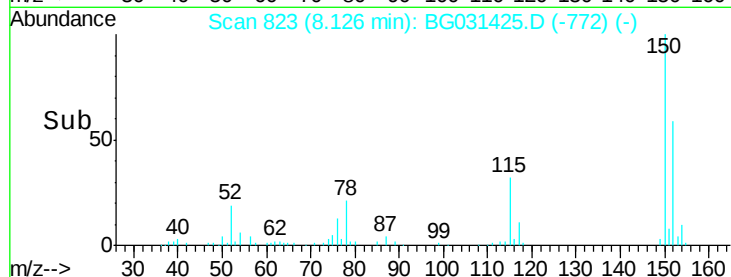
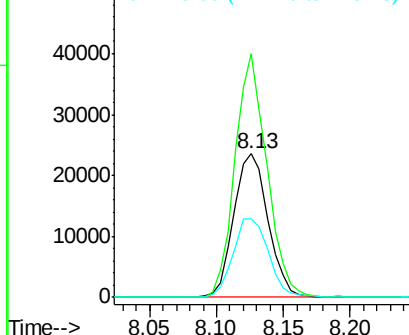
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42117
Ion Ratio Lower Upper
152 100
150 169.5 126.6 189.8
115 55.1 53.0 79.4



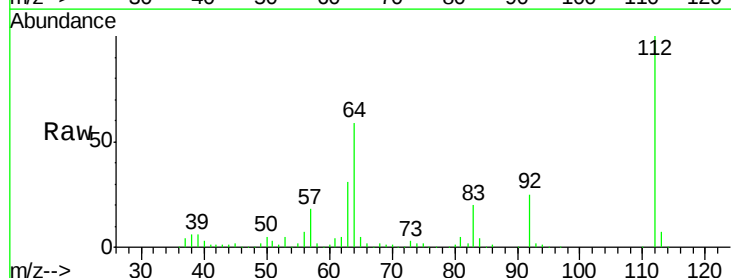
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



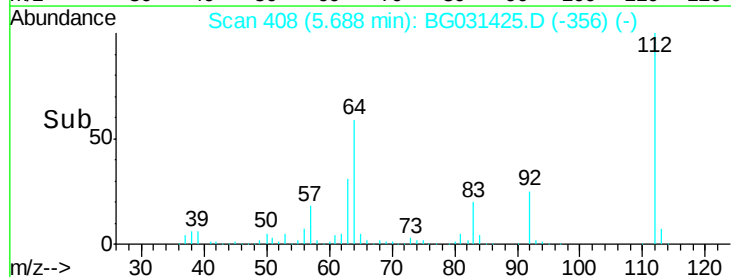
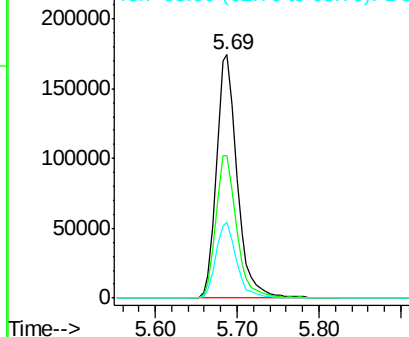
#5

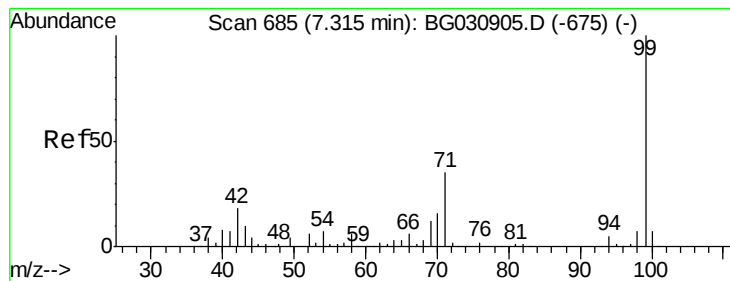
2-Fluorophenol
Concen: 125.352 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:112 Resp: 307884
Ion Ratio Lower Upper
112 100
64 58.7 56.3 84.5
63 31.1 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: 109.962 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Instrument :

BNA_G

ClientSampleId :

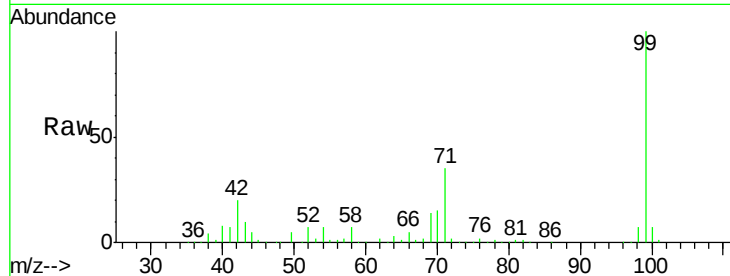
Tot Ion: 99 Resp: 363859

Ion Ratio Lower Upper

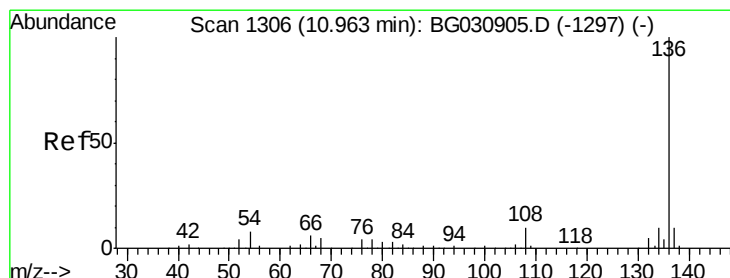
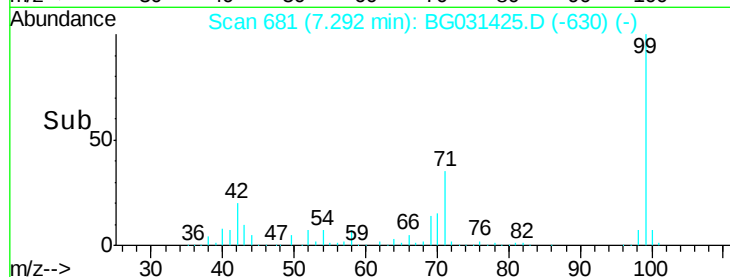
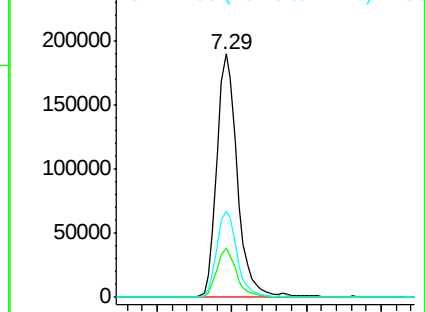
99 100

42 20.0 14.1 21.1

71 35.2 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# 1302

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Tgt Ion: 136 Resp: 186053

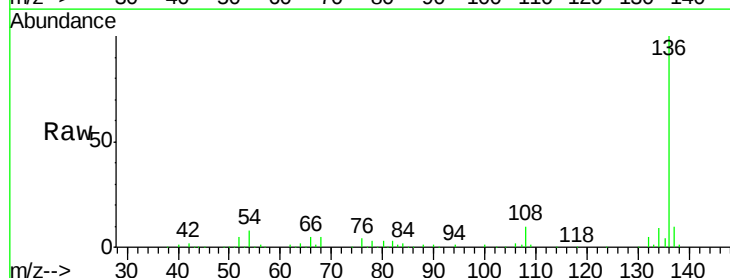
Ion Ratio Lower Upper

136 100

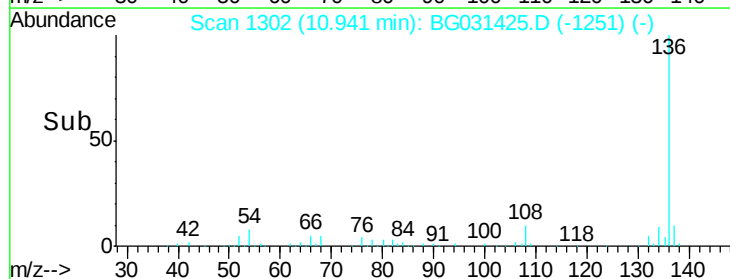
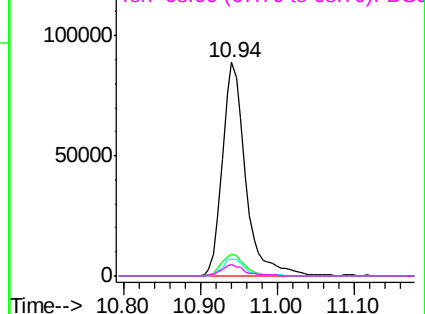
137 10.3 9.2 13.8

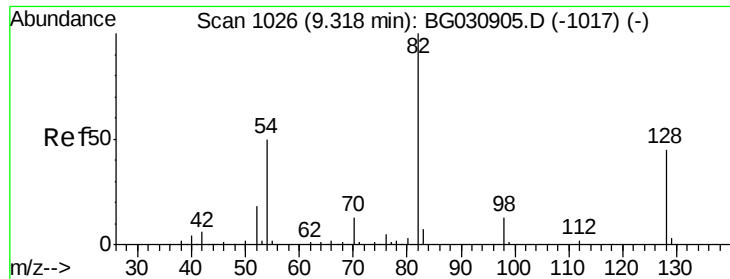
54 7.9 10.3 15.5#

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

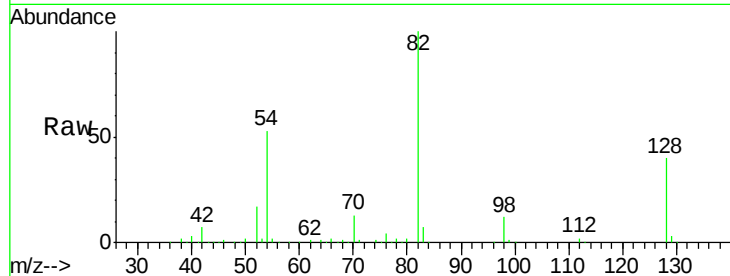




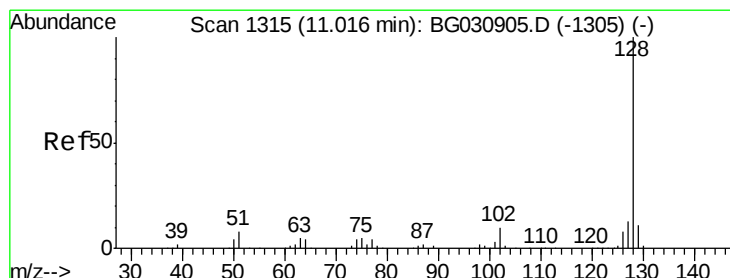
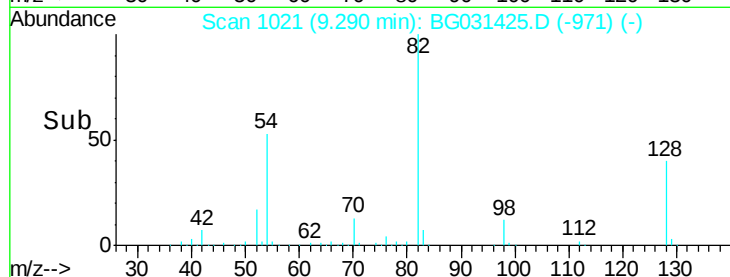
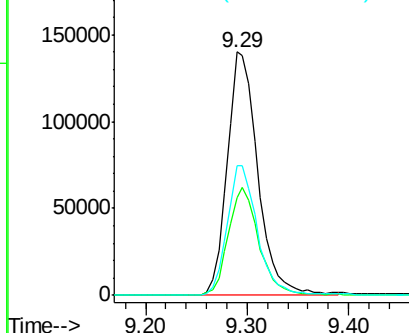
#23
 Nitrobenzene-d5
 Concen: 93.543 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 293707
 Ion Ratio Lower Upper
 82 100
 128 40.1 29.7 44.5
 54 53.0 43.1 64.7

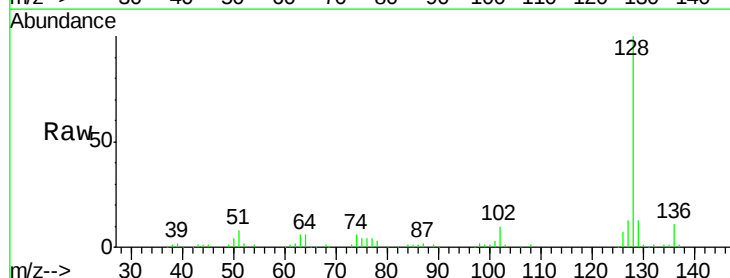


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

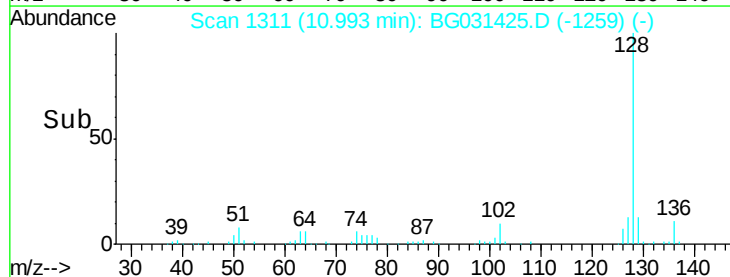
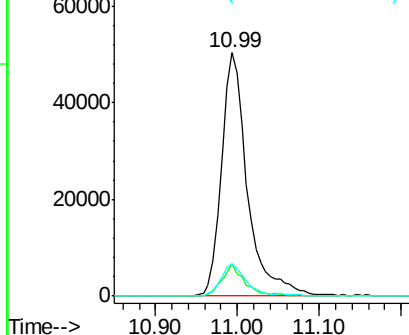


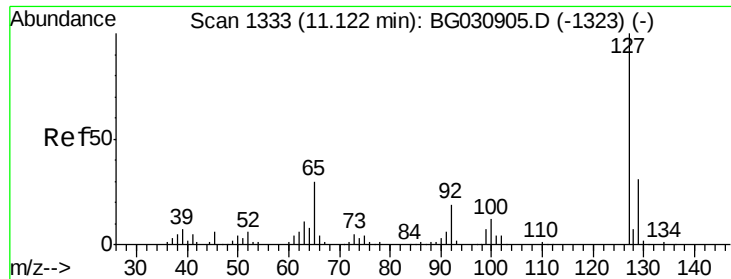
#31
 Naphthalene
 Concen: 12.182 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Tgt Ion: 128 Resp: 111418
 Ion Ratio Lower Upper
 128 100
 129 13.1 8.6 12.8#
 127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

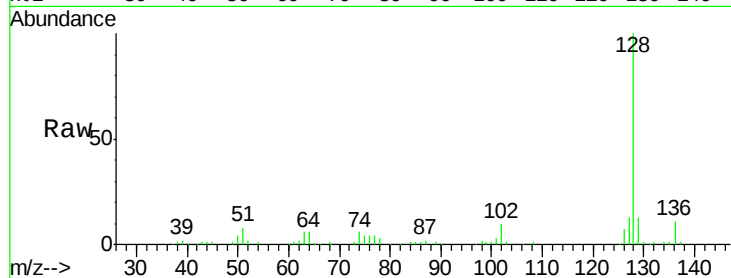




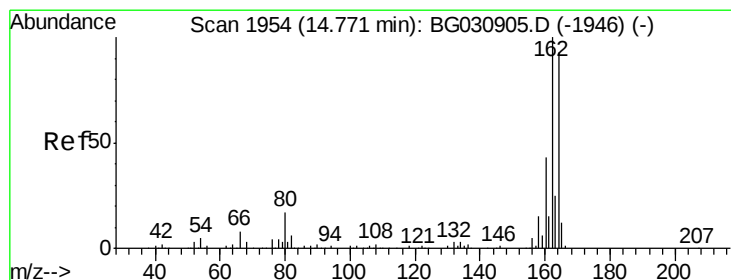
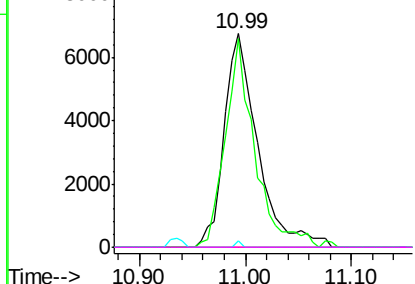
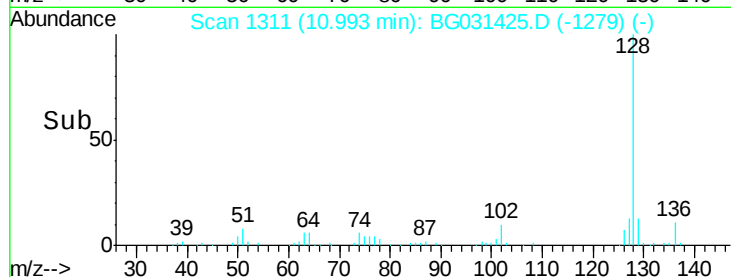
#33
4-Chloroaniline
Concen: 3.713 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.11 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 14867
Ion Ratio Lower Upper
127 100
129 97.6 24.0 36.0#
65 2.9 27.0 40.4#
92 0.0 16.6 25.0#

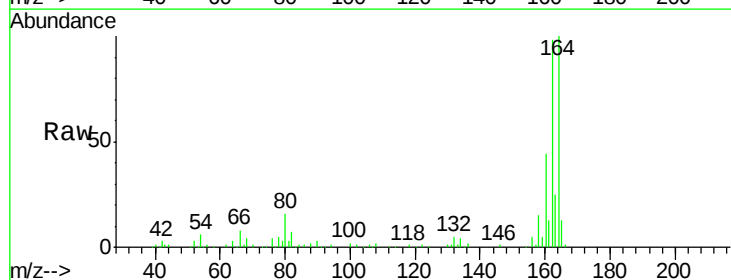


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

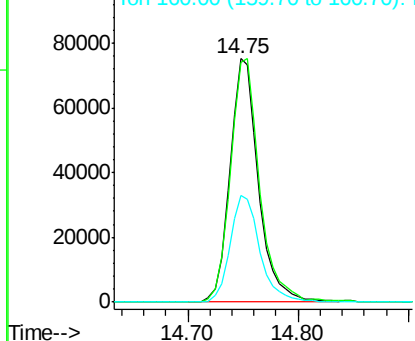
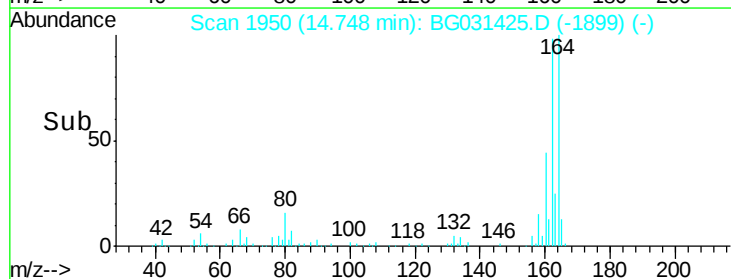


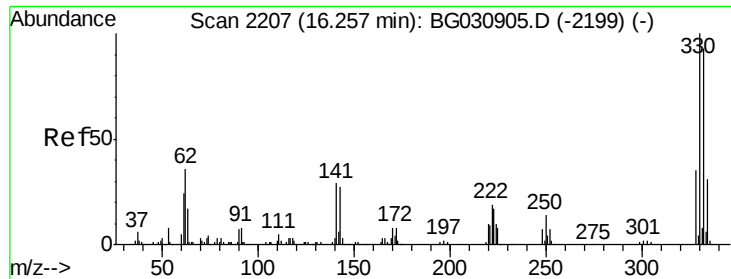
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:164 Resp: 136005
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 43.8 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

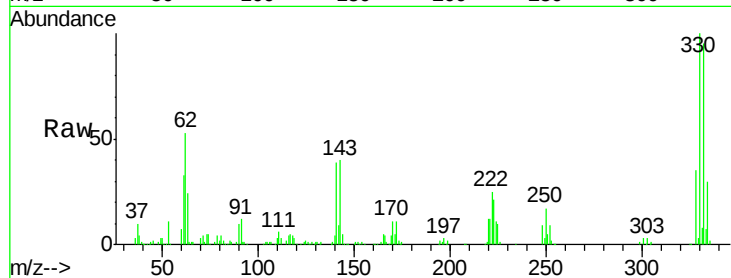




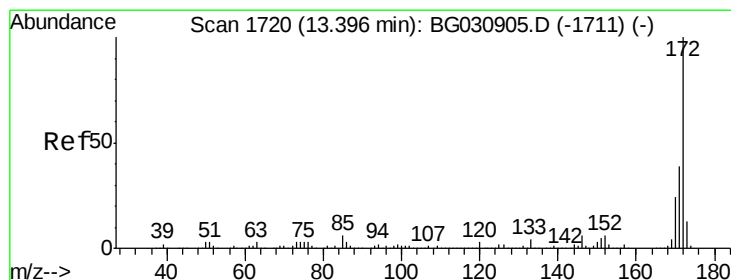
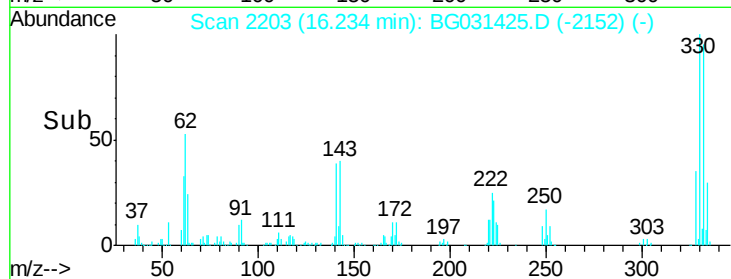
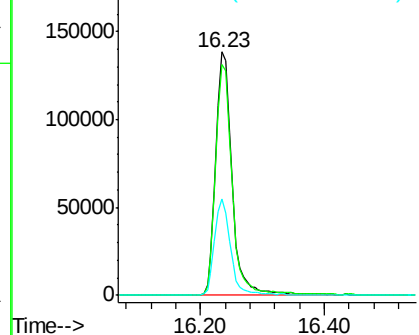
#41
 2,4,6-Tribromophenol
 Concen: 114.882 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.7	25.2	37.8#

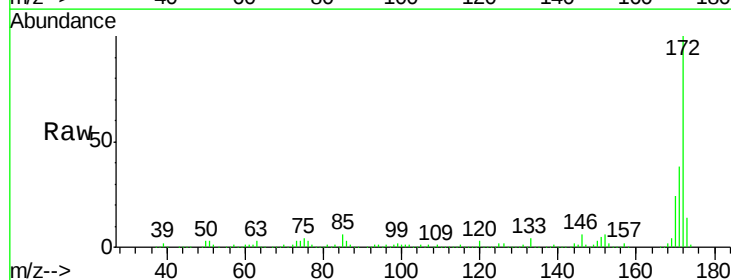


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

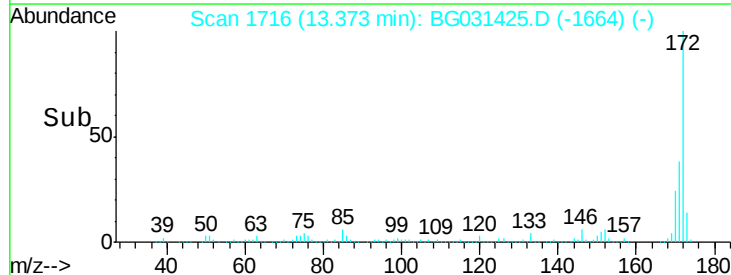
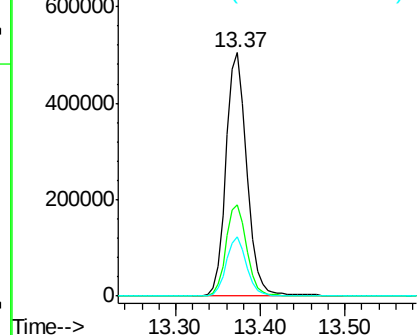


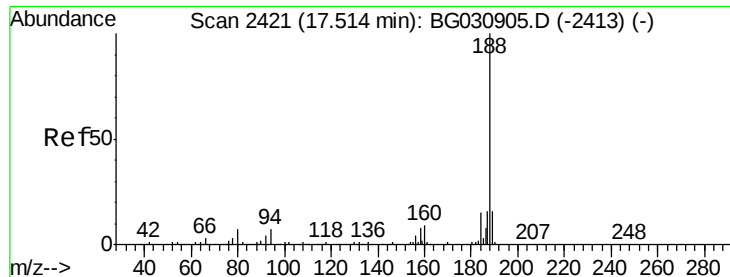
#44
 2-Fluorobiphenyl
 Concen: 91.789 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.4	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

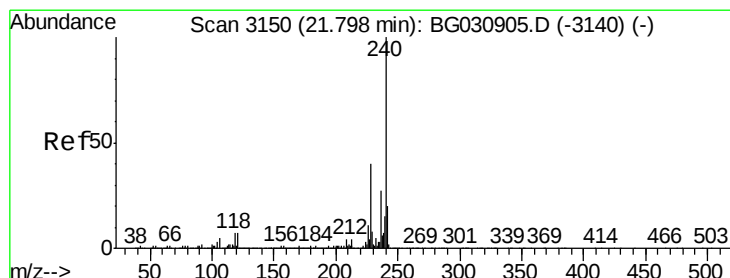
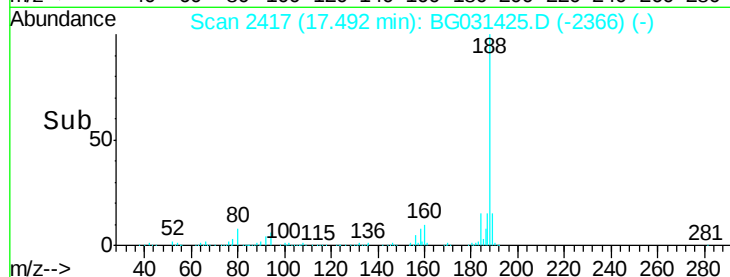
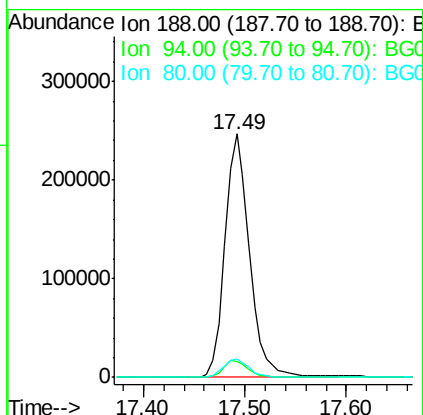
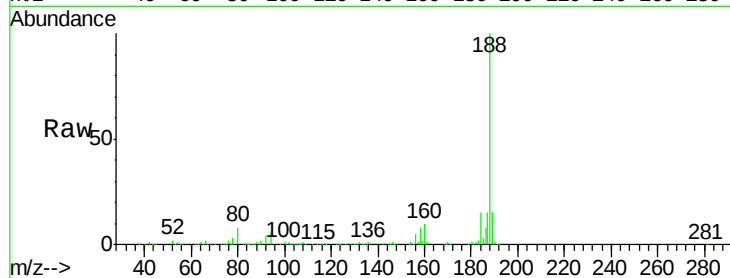




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

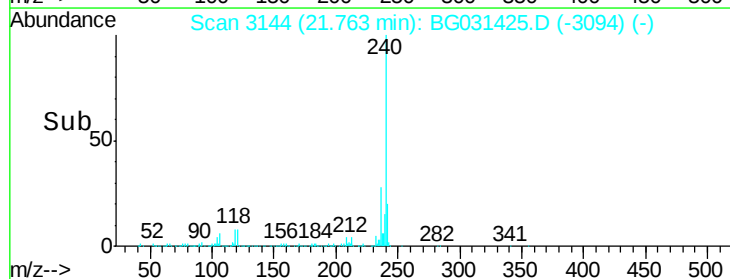
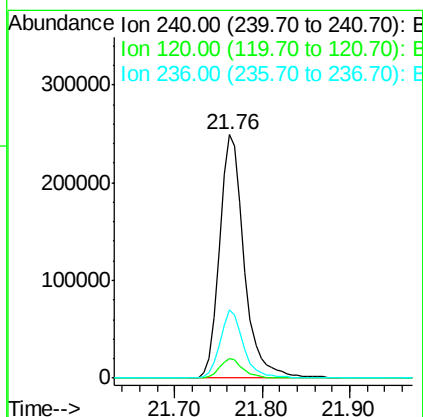
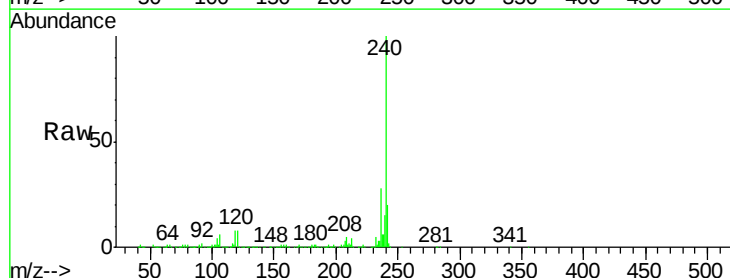
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 414626
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:240 Resp: 484912
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 90.556 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

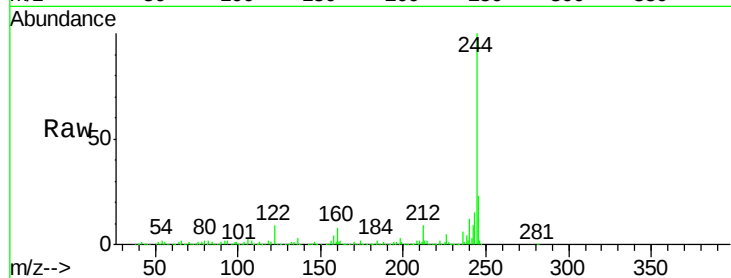
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1988665

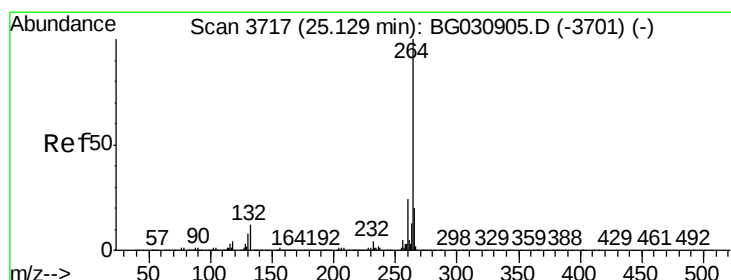
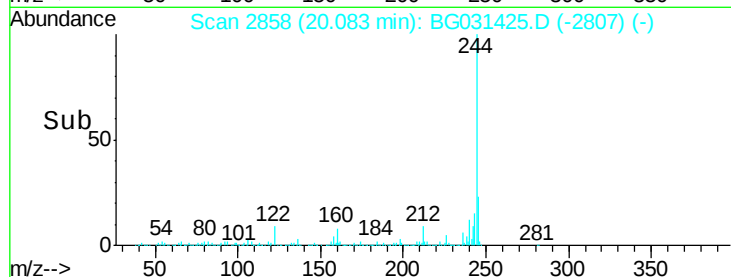
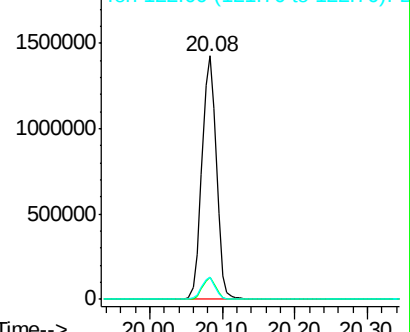
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.0	7.0	10.4



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# 3706

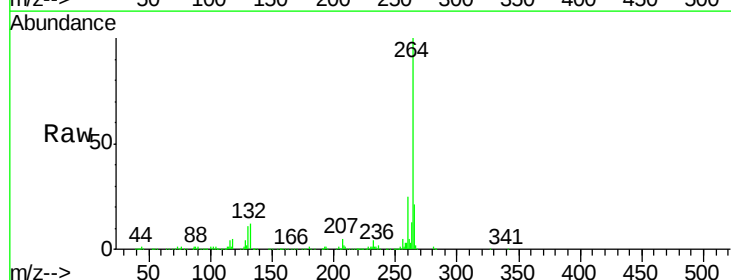
Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Tgt Ion:264 Resp: 469014

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.3	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

