

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031266.D
 Acq On : 29 Nov 2017 00:14
 Operator : SJ/JU
 Sample : I6590-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:24:56 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

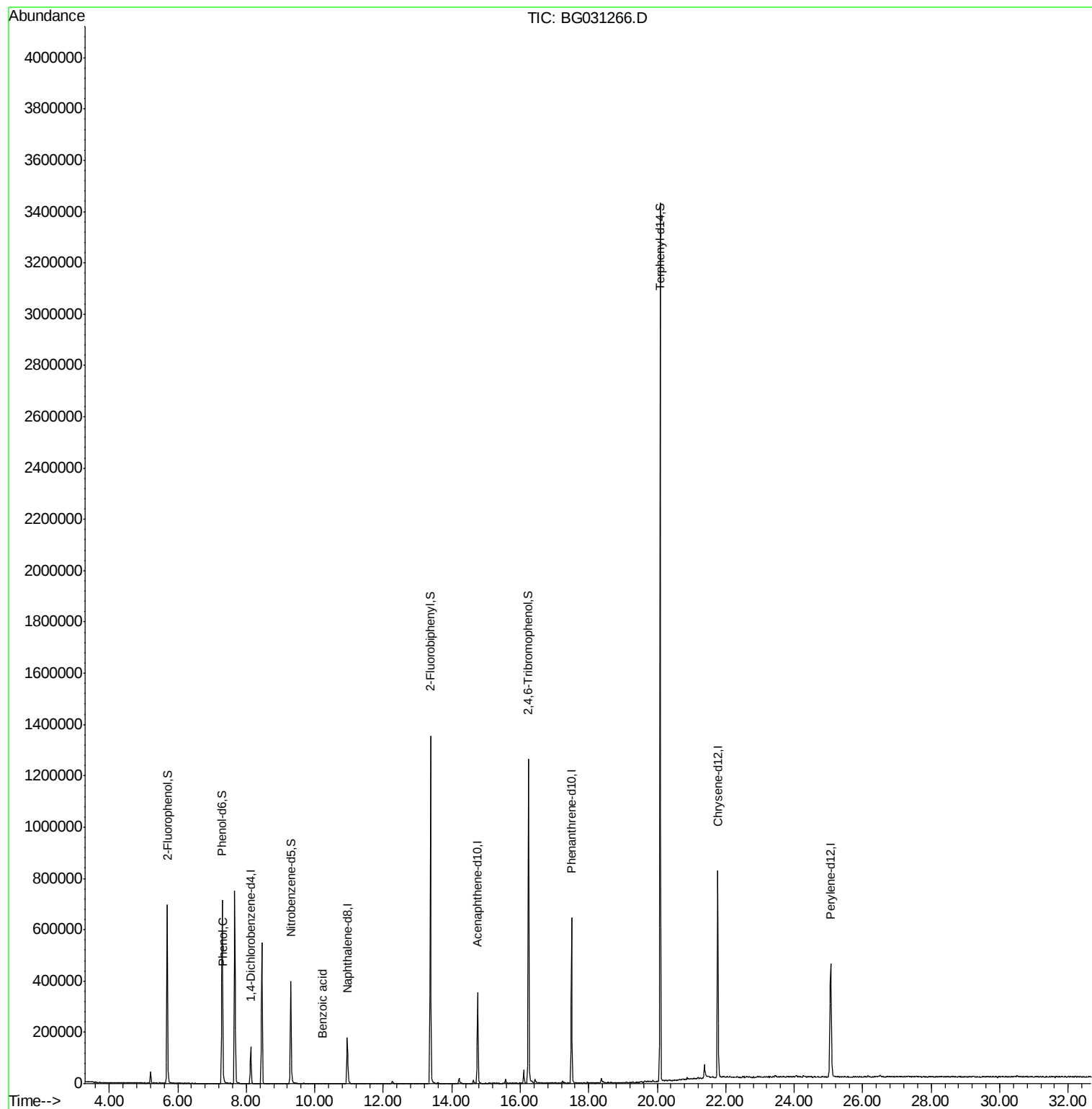
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44399	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	193207	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	140890	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	421101	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	512977	20.00	ng	-0.02
86) Perylene-d12	25.06	264	501164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	360334	139.17	ng	-0.02
7) Phenol-d6	7.29	99	478678	137.23	ng	-0.01
23) Nitrobenzene-d5	9.30	82	272508	83.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	268278	117.71	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	785463	80.11	ng	-0.02
78) Terphenyl-d14	20.08	244	1665516	71.69	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	11309	3.12	ng	# 72
32) Benzoic acid	10.22	122	60	5.69	ng	# 1

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 29 06:24:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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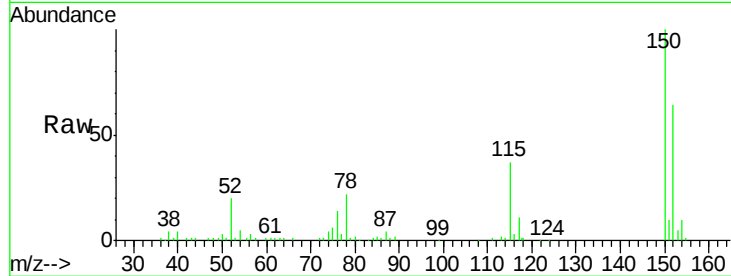


#1

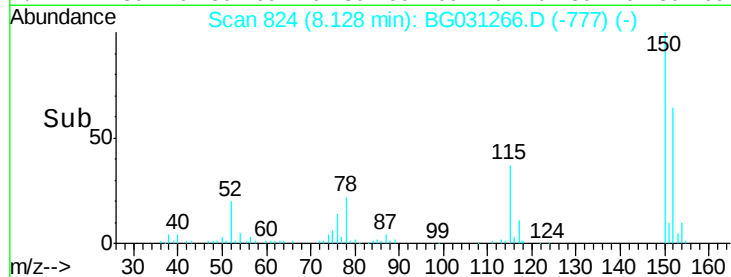
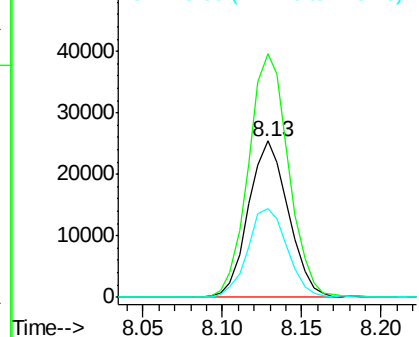
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44399
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 57.0 53.0 79.4



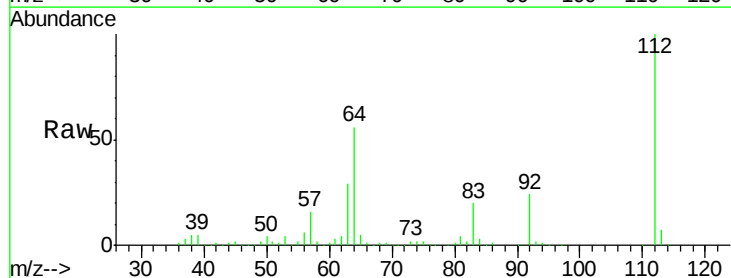
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



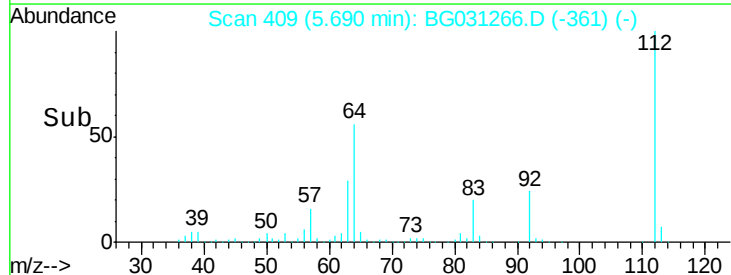
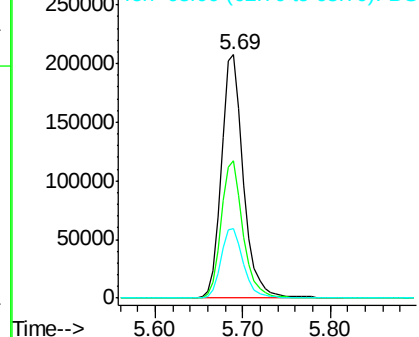
#5

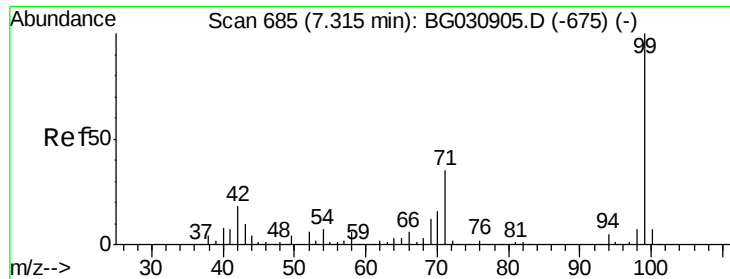
2-Fluorophenol
Concen: 139.17 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Tgt Ion:112 Resp: 360334
Ion Ratio Lower Upper
112 100
64 56.4 56.3 84.5
63 28.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.23 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampleId :

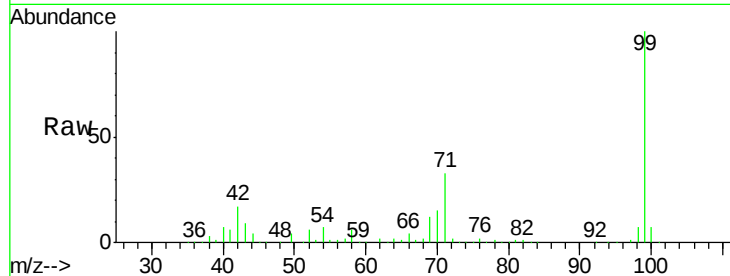
Tot Ion: 99 Resp: 478678

Ion Ratio Lower Upper

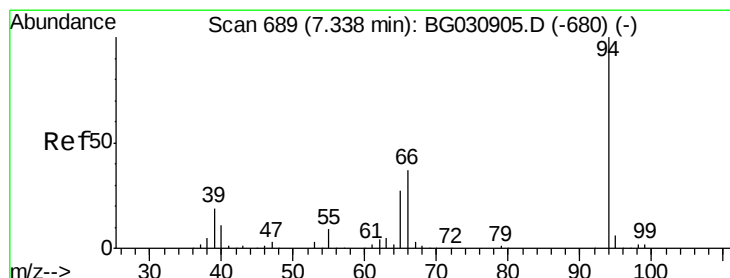
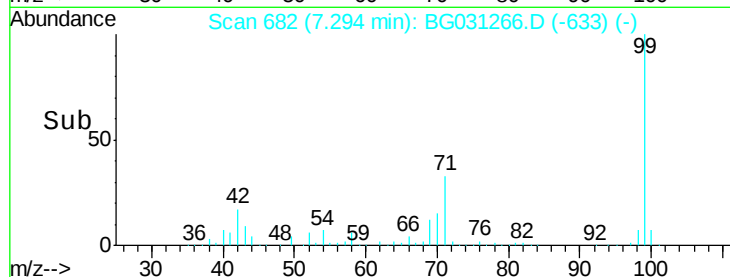
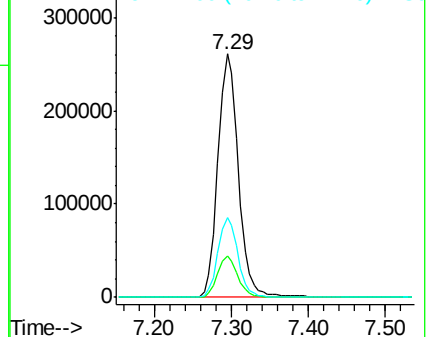
99 100

42 16.8 14.1 21.1

71 33.0 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



#10

Phenol

Concen: 3.12 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

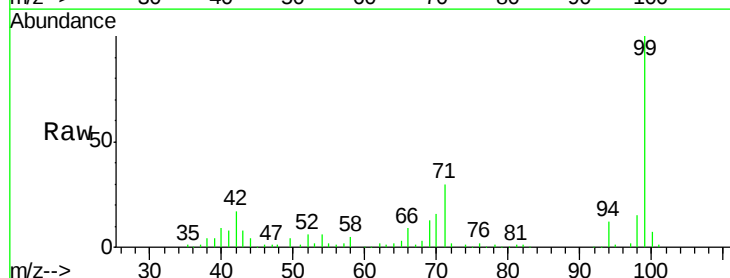
Tgt Ion: 94 Resp: 11309

Ion Ratio Lower Upper

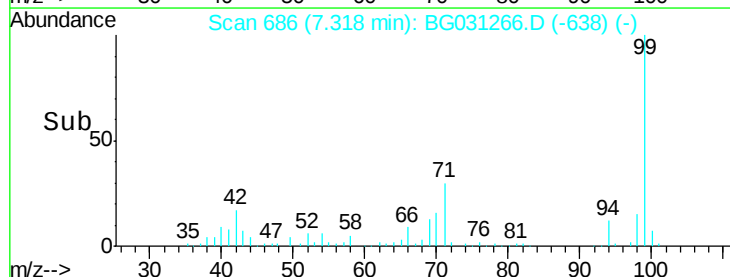
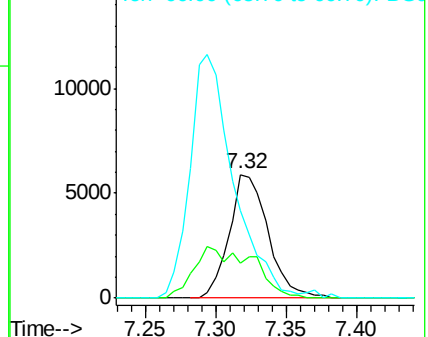
94 100

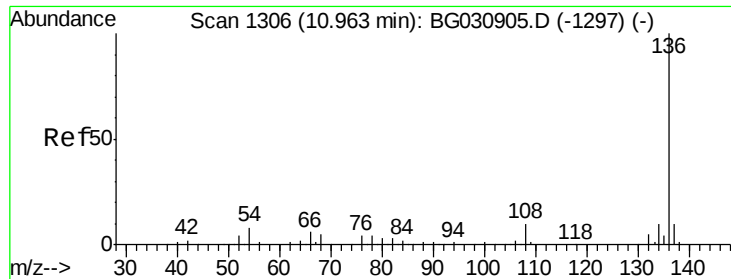
65 28.3 11.9 51.9

66 70.4 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

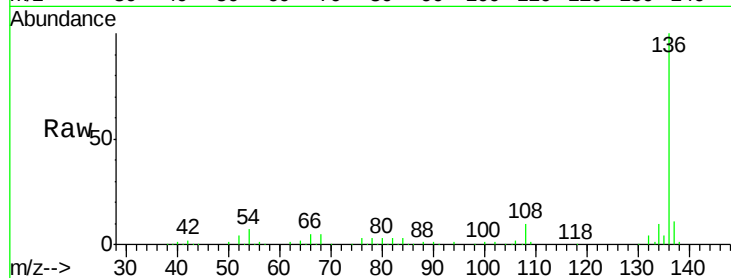




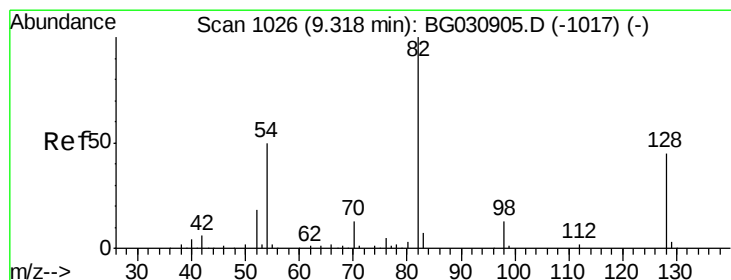
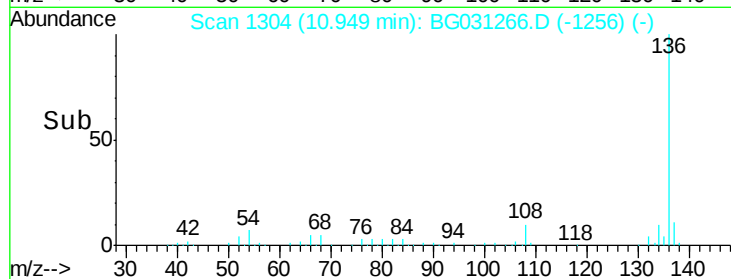
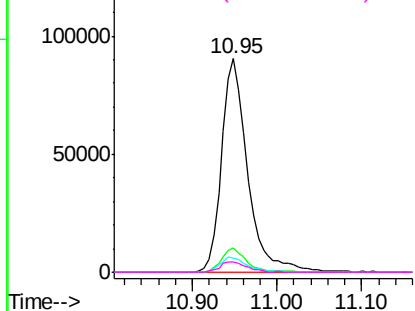
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	193207
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	6.8	10.3 15.5#
68	5.0	4.5 6.7

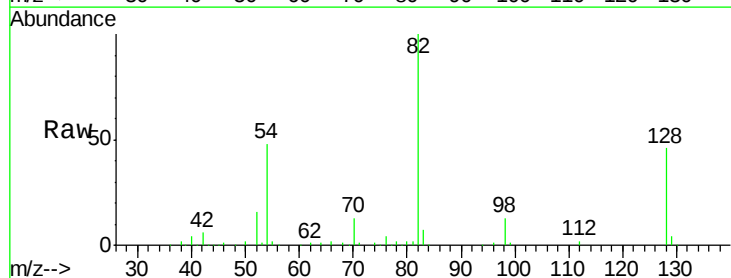


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

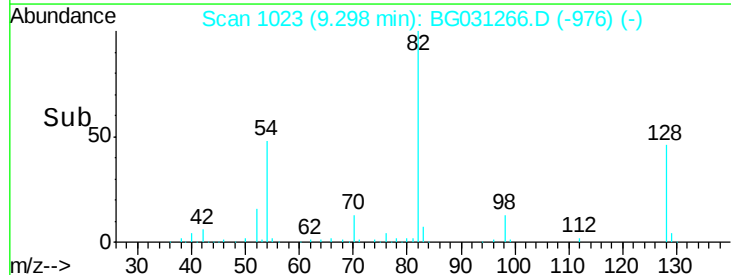
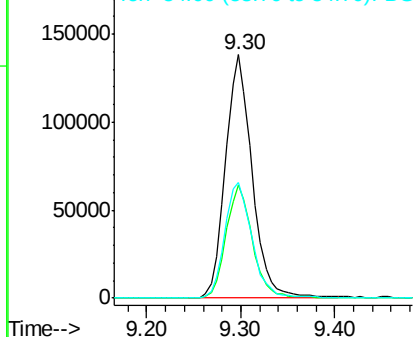


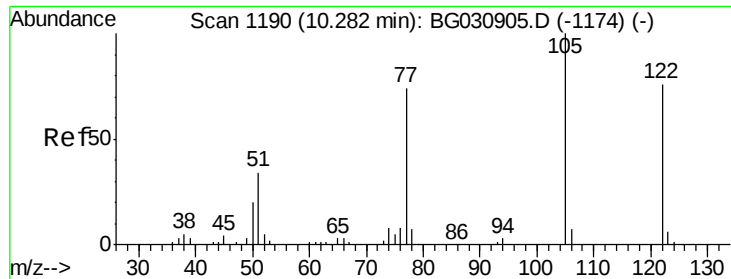
#23
Nitrobenzene-d5
Concen: 83.58 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Tgt Ion: 82	Resp:	272508
Ion Ratio	Lower	Upper
82	100	
128	46.4	29.7 44.5#
54	47.7	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





#32

Benzoic acid

Concen: 5.69 ng

RT: 10.22 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampled :

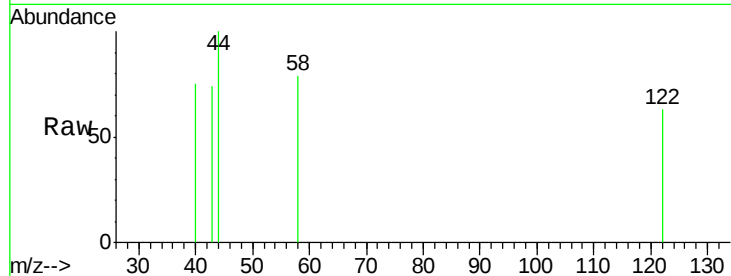
Tot Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

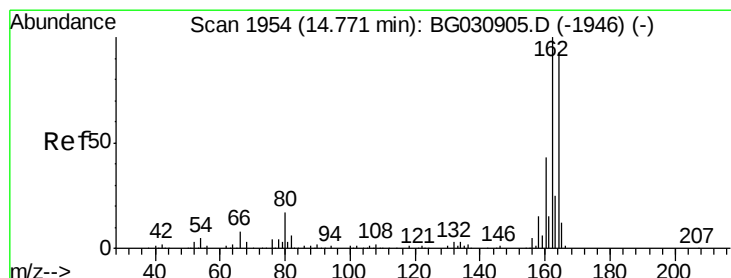
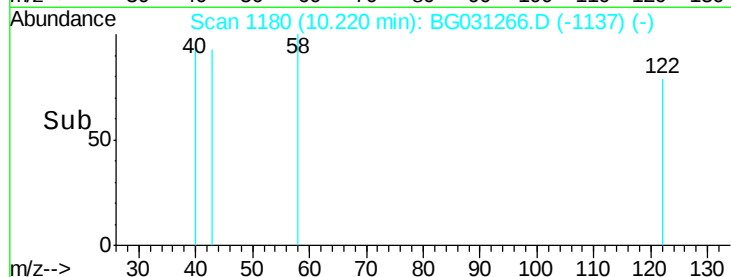
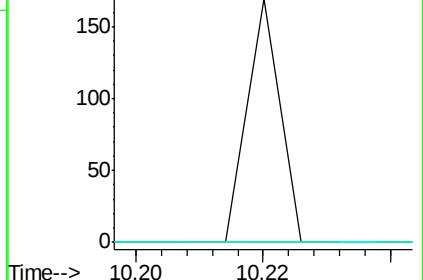
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

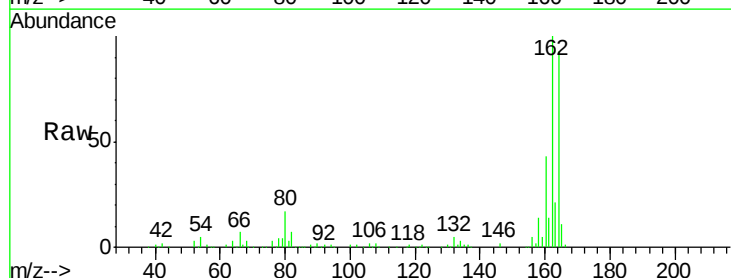
Tgt Ion:164 Resp: 140890

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

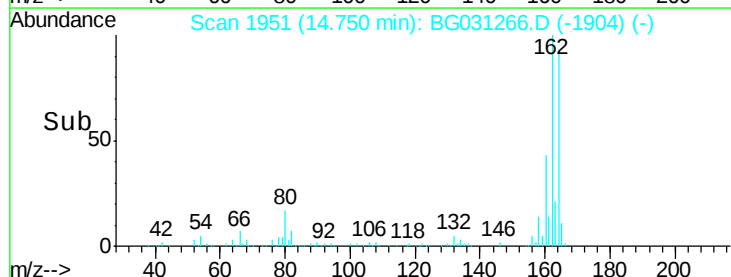
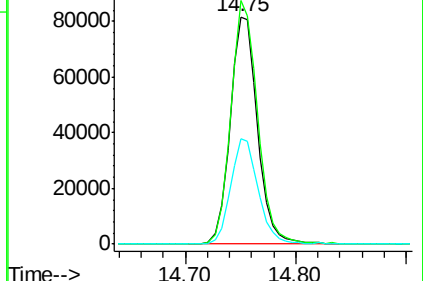
160 46.5 35.4 53.0

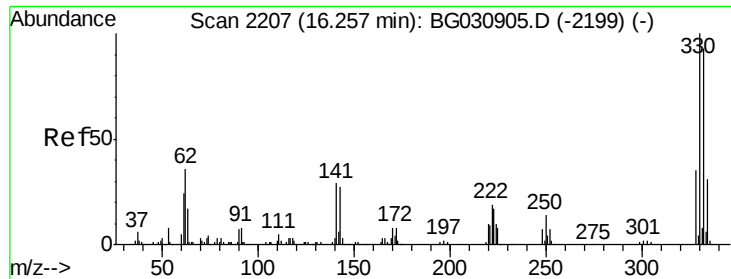


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

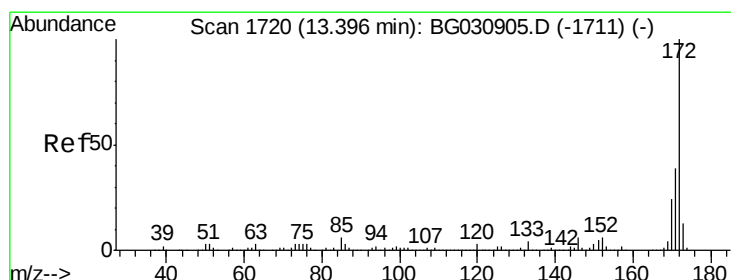
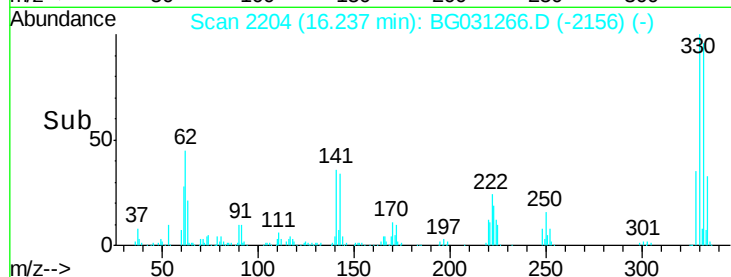
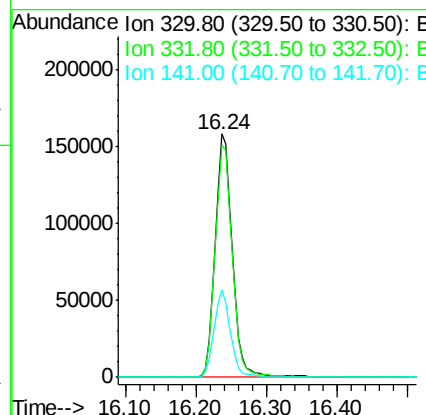
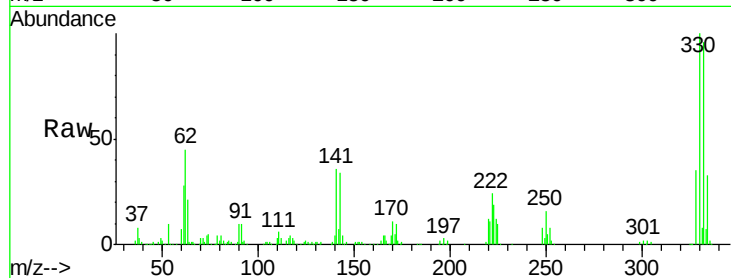




#41
 2,4,6-Tribromophenol
 Concen: 117.71 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

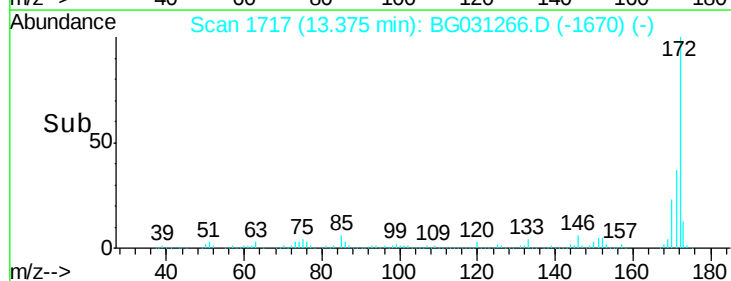
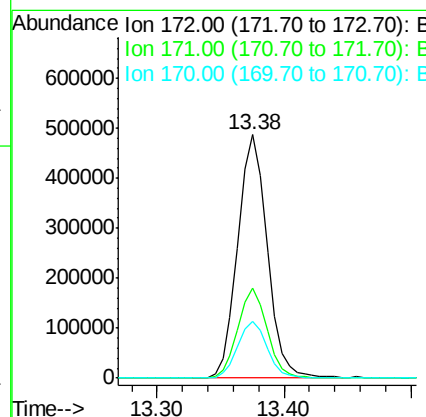
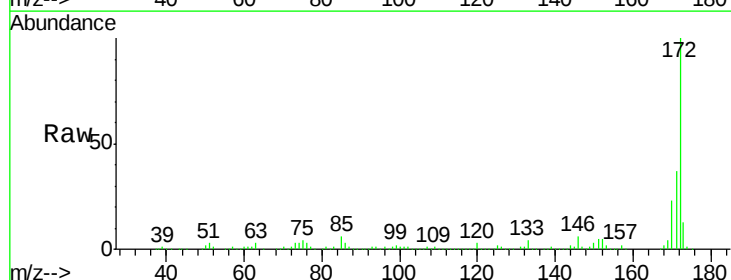
Instrument :
 BNA_G
 ClientSampled :

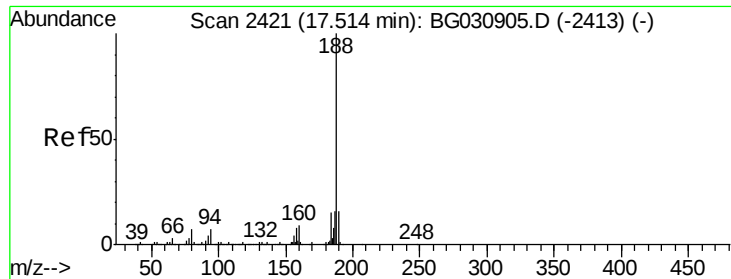
Tot Ion:330 Resp: 268278
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 34.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

Tgt Ion:172 Resp: 785463
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.5 19.5 29.3

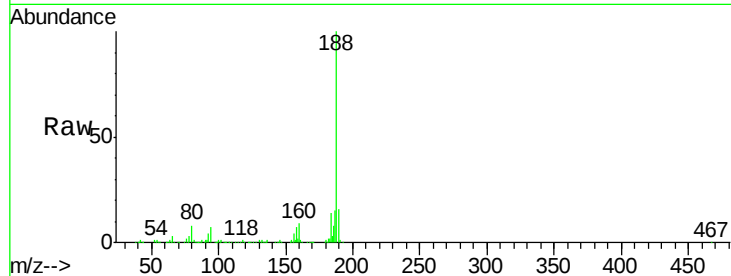




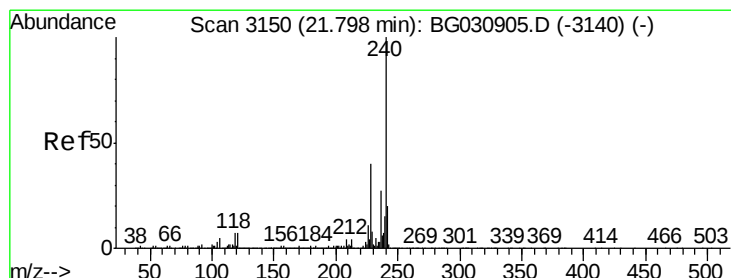
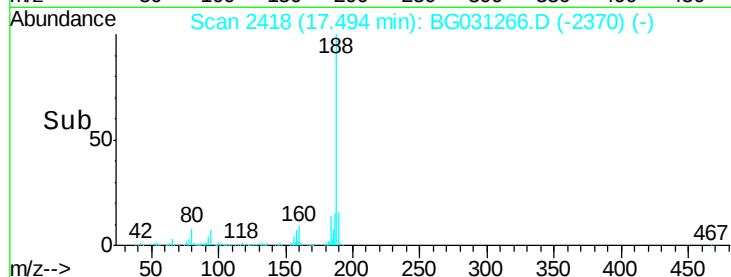
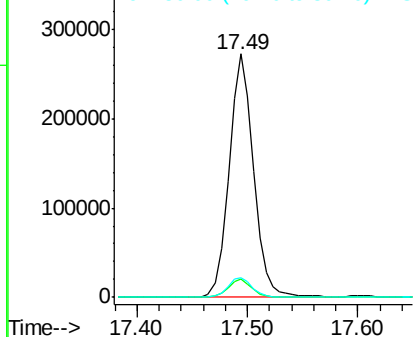
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.2	7.7	11.5

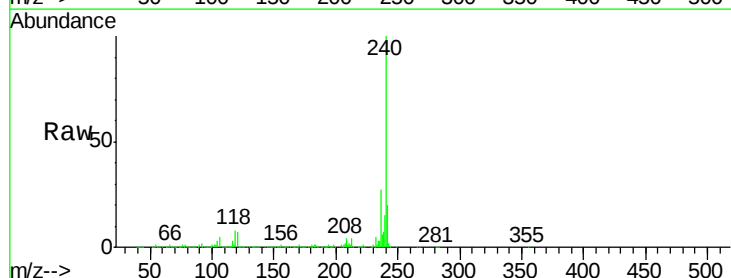


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

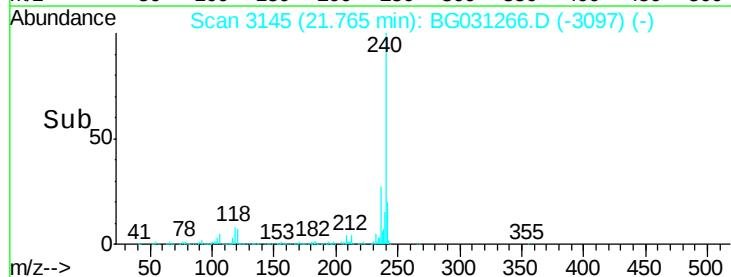
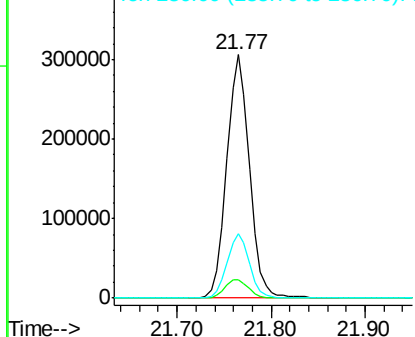


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.6	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: 71.69 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampleId :

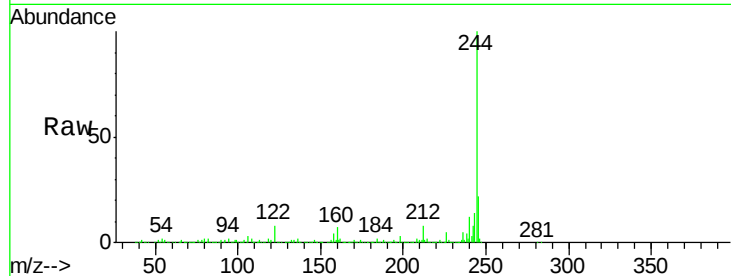
Tot Ion:244 Resp: 1665516

Ion Ratio Lower Upper

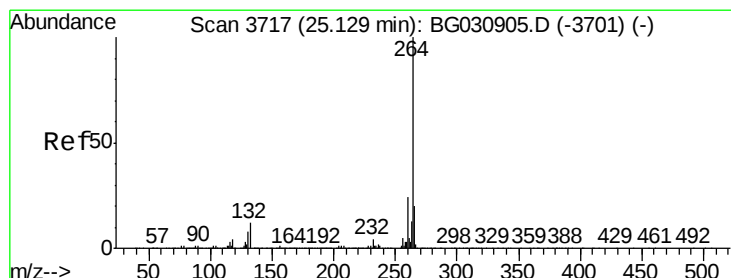
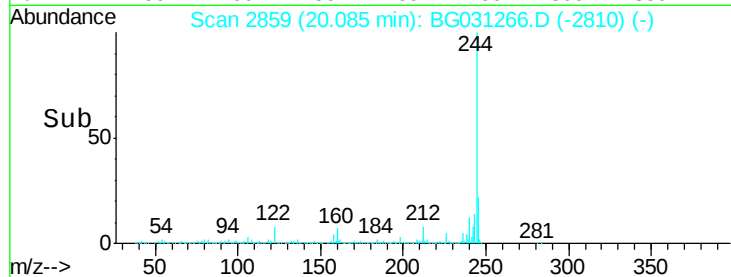
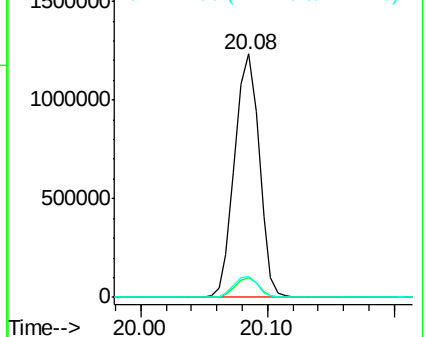
244 100

212 8.2 5.8 8.8

122 8.4 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

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

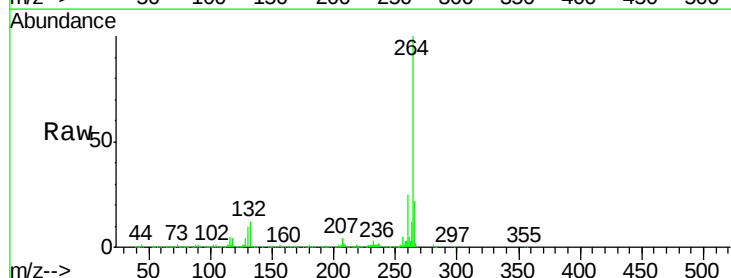
Tgt Ion:264 Resp: 501164

Ion Ratio Lower Upper

264 100

260 24.8 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

