

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031489.D
 Acq On : 12 Dec 2017 13:15
 Operator : SJ/JU
 Sample : PB104888BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BL

Quant Time: Dec 13 05:50:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

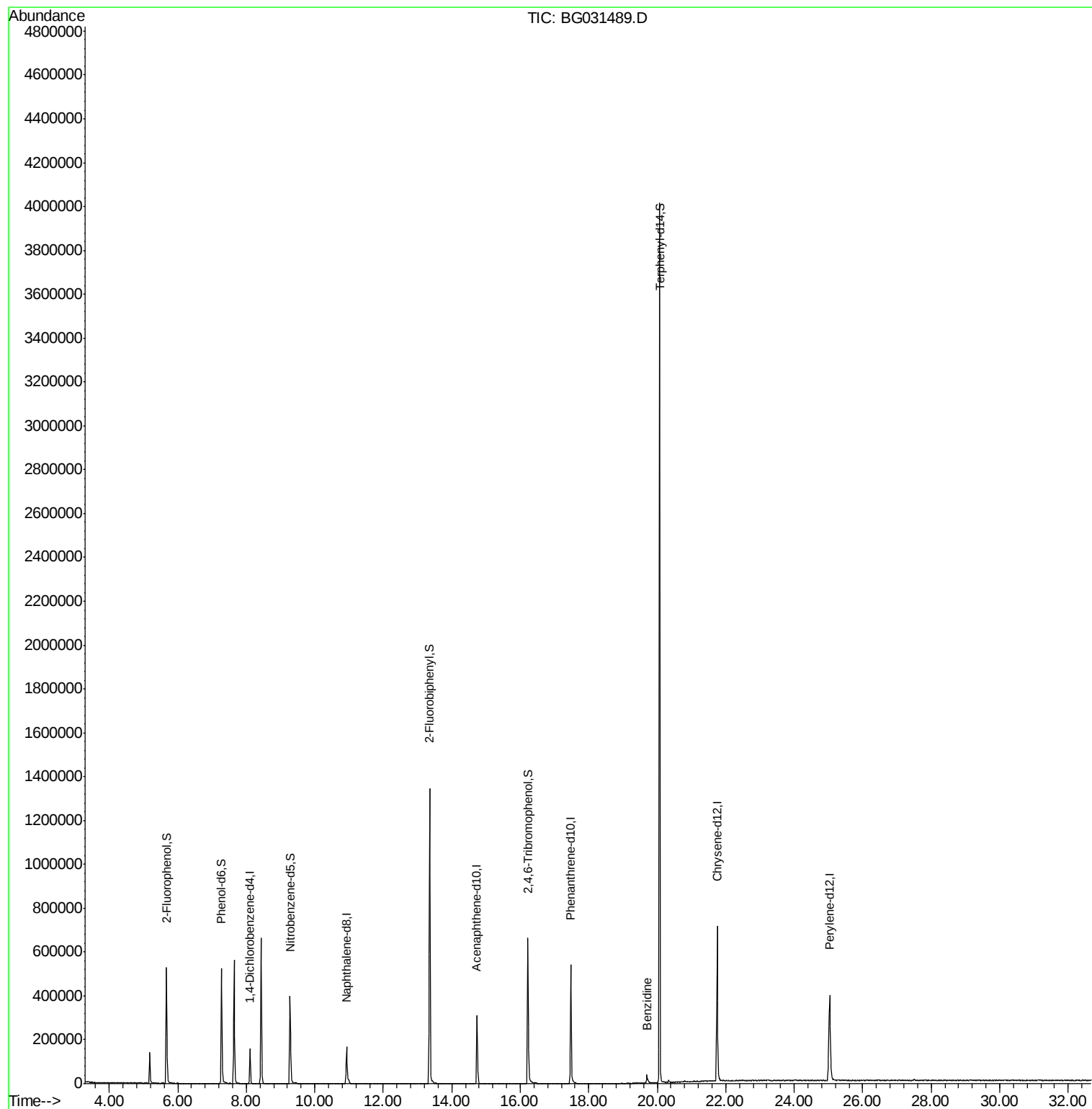
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49559	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	201137	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	131910	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	389458	20.00	ng	0.00
75) Chrysene-d12	21.75	240	513591	20.00	ng	0.00
86) Perylene-d12	25.03	264	488990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274375	98.13	ng	0.00
7) Phenol-d6	7.28	99	350449	90.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	288654	88.46	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	156049	100.98	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	830353	92.40	ng	0.00
78) Terphenyl-d14	20.07	244	1786118	79.12	ng	0.00
Target Compounds						
76) Benzidine	19.70	184	24932	2.086	ng	Qvalue 99

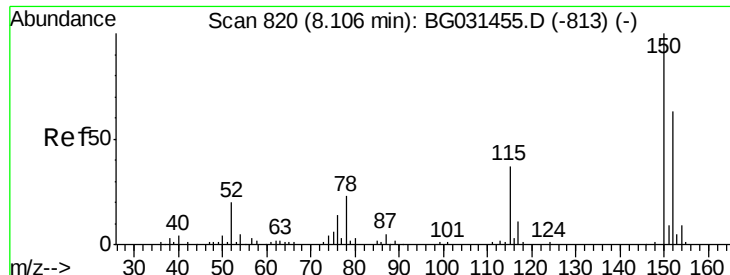
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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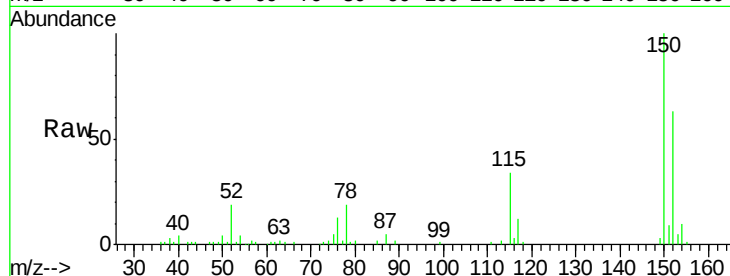


#1

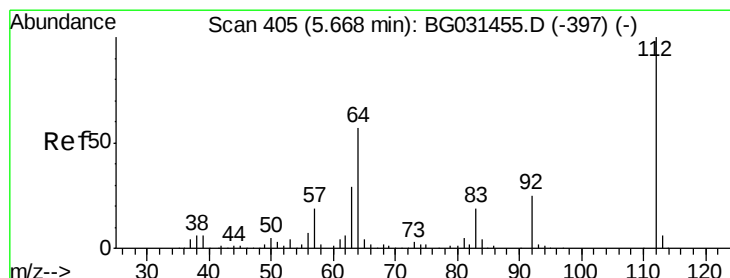
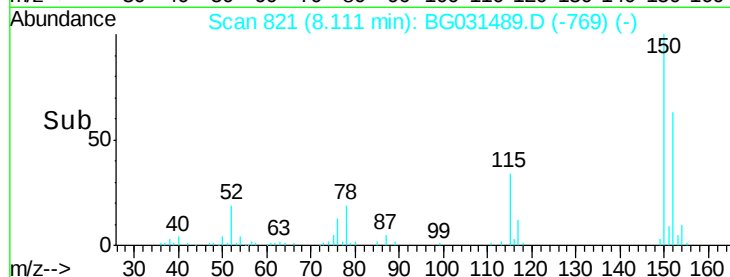
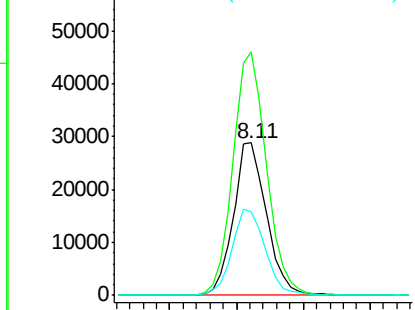
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

Instrument :
BNA_G
ClientSampleId :
PB104888BL

Tot Ion:152 Resp: 49559
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 54.5 53.0 79.4



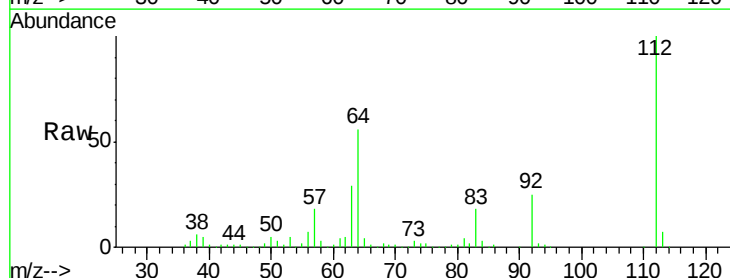
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



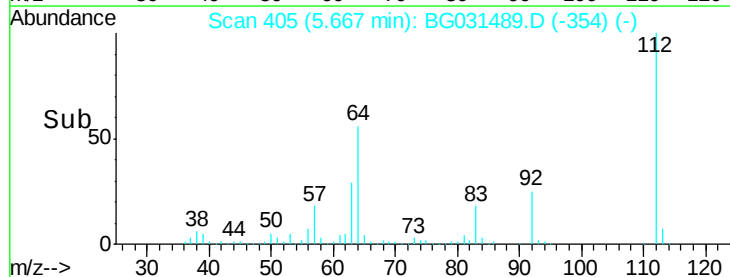
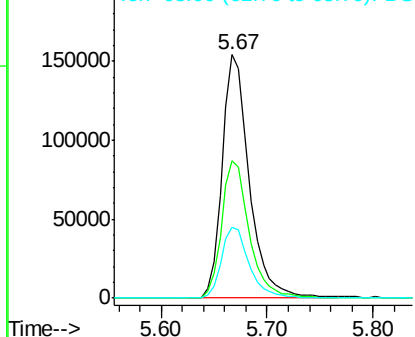
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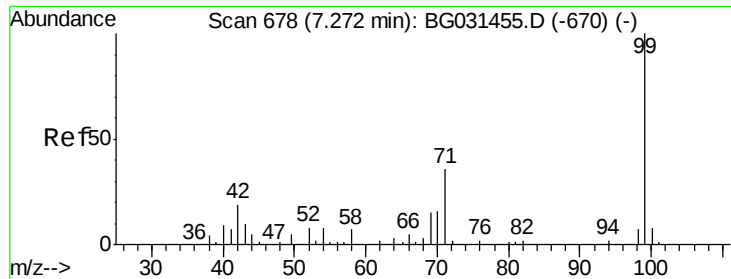
2-Fluorophenol
Concen: 98.132 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

Tgt Ion:112 Resp: 274375
Ion Ratio Lower Upper
112 100
64 56.4 56.3 84.5
63 29.1 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: 90.288 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031489.D

Acq: 12 Dec 2017 13:15

Instrument :

BNA_G

ClientSampleId :

PB104888BL

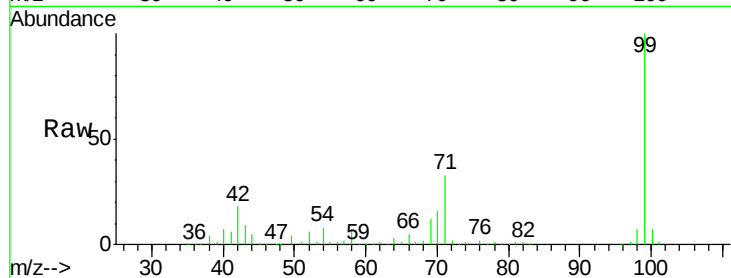
Tot Ion: 99 Resp: 350449

Ion Ratio Lower Upper

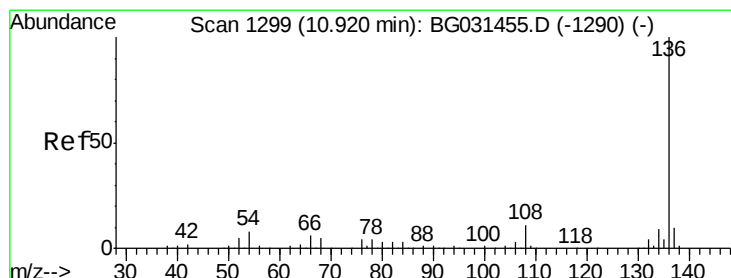
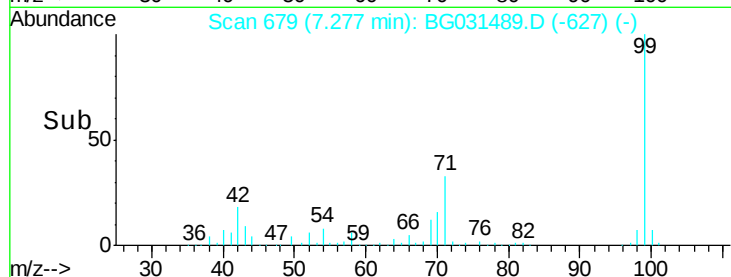
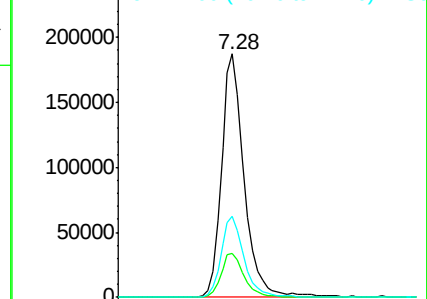
99 100

42 18.3 14.1 21.1

71 33.2 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031489.D

Acq: 12 Dec 2017 13:15

Tgt Ion: 136 Resp: 201137

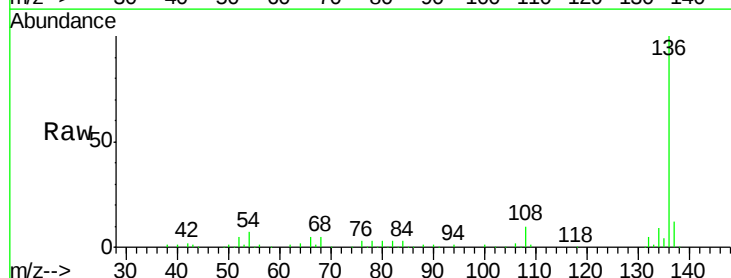
Ion Ratio Lower Upper

136 100

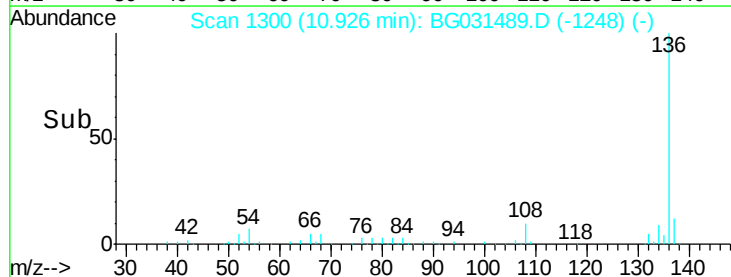
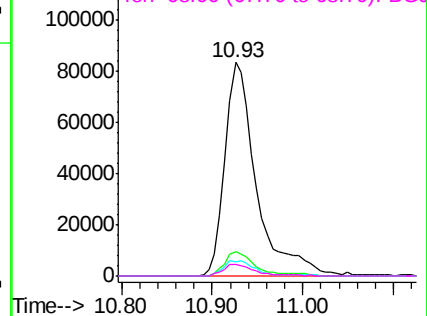
137 11.5 9.2 13.8

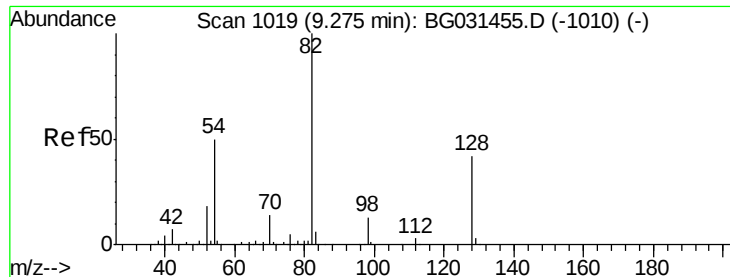
54 6.5 10.3 15.5

68 5.3 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

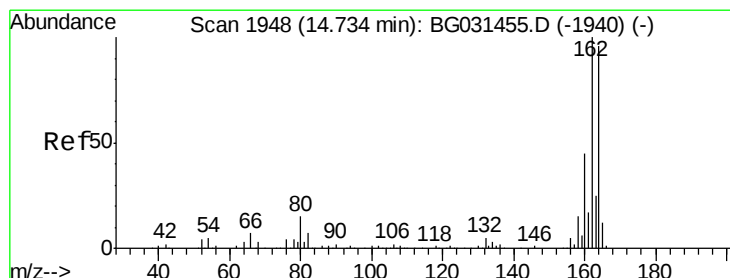
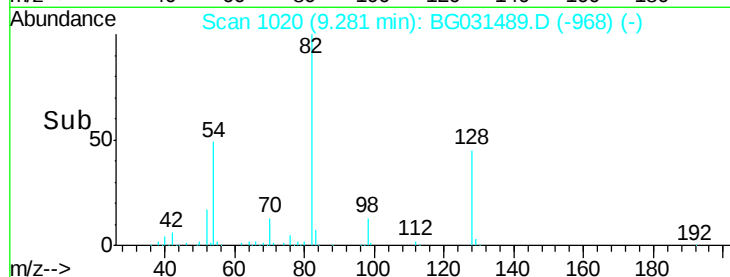
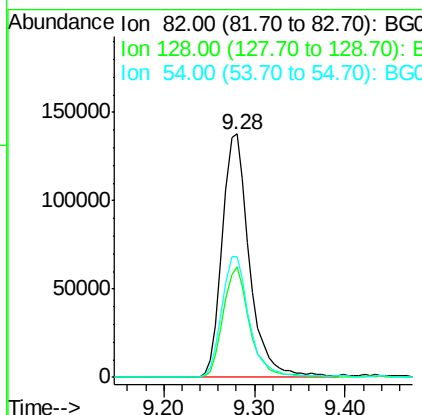
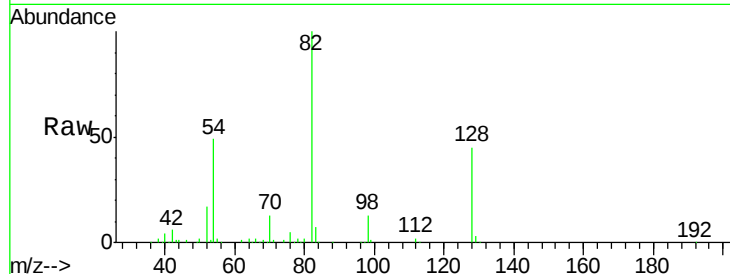




#23
 Nitrobenzene-d5
 Concen: 88.455 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

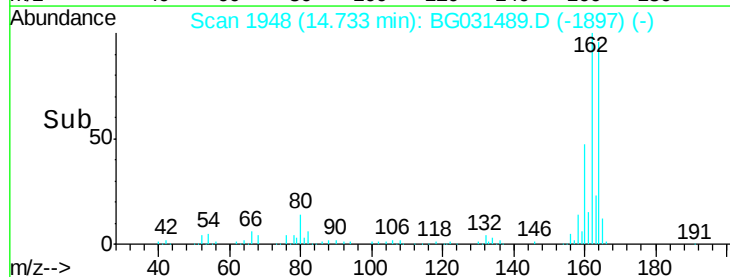
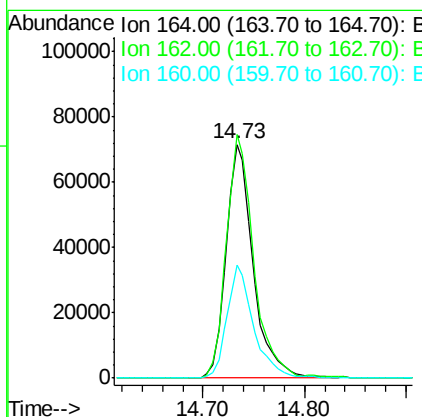
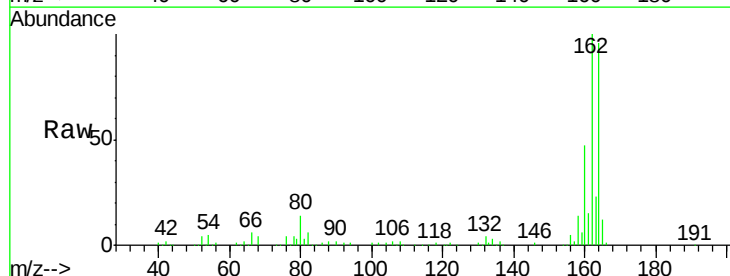
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BL

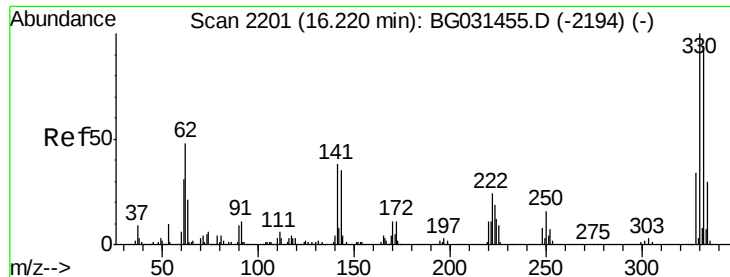
Tot Ion	82	Resp	288654
Ion Ratio	Lower	Upper	
82	100		
128	45.3	29.7	44.5#
54	49.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

Tgt Ion	164	Resp	131910
Ion Ratio	Lower	Upper	
164	100		
162	104.3	78.8	118.2
160	48.6	35.4	53.0

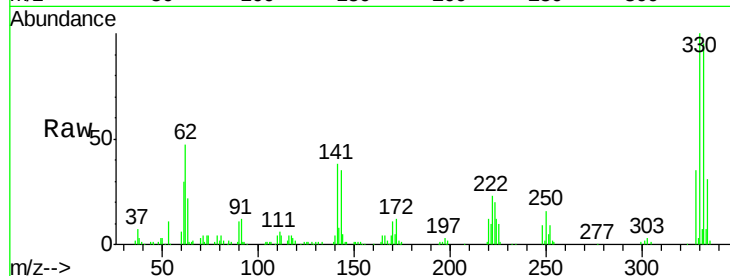




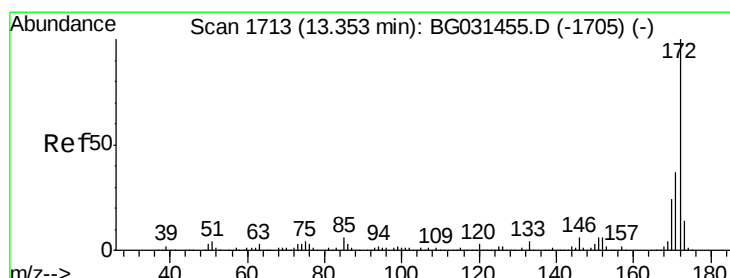
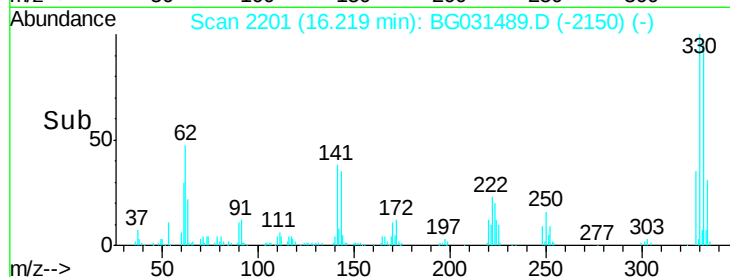
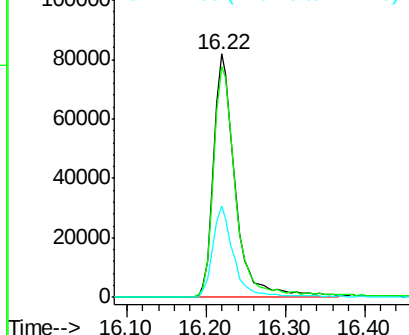
#41
 2,4,6-Tribromophenol
 Concen: 100.978 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

Instrument :
 BNA_G
 ClientSampled :
 PB104888BL

Tot Ion:330 Resp: 156049
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 35.9 25.2 37.8

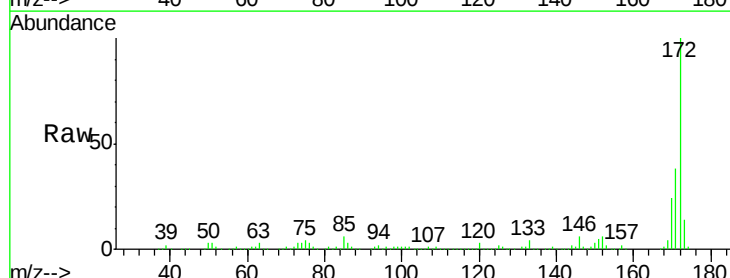


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

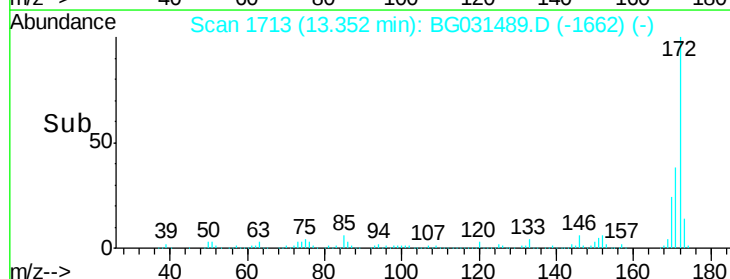
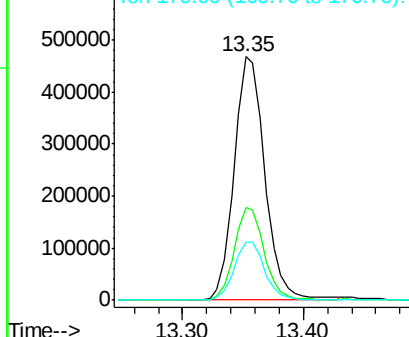


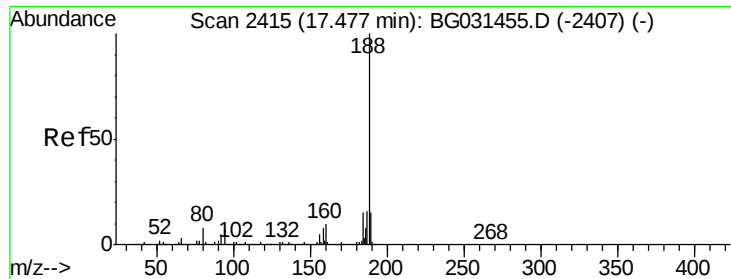
#44
 2-Fluorobiphenyl
 Concen: 92.400 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

Tgt Ion:172 Resp: 830353
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.8 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: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031489.D

Acq: 12 Dec 2017 13:15

Instrument :

BNA_G

ClientSampleId :

PB104888BL

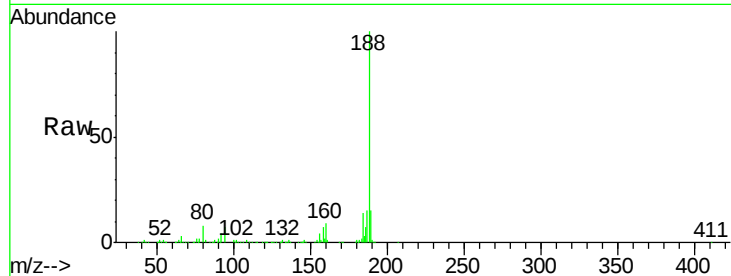
Tot Ion:188 Resp: 389458

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

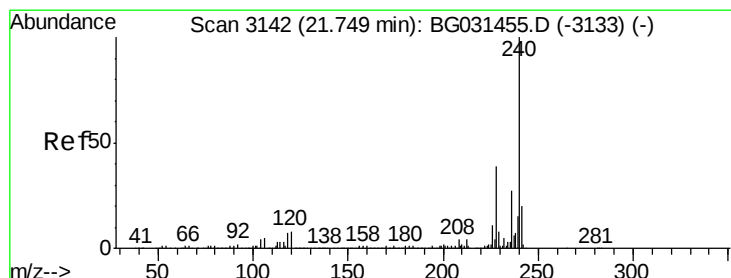
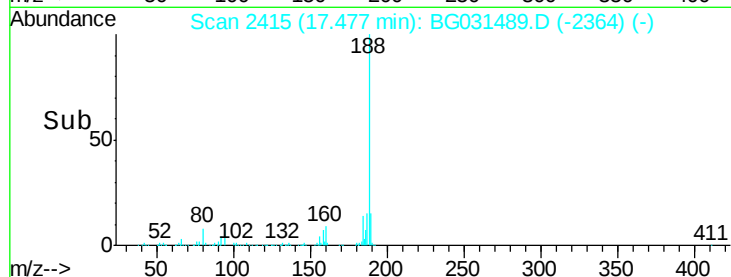
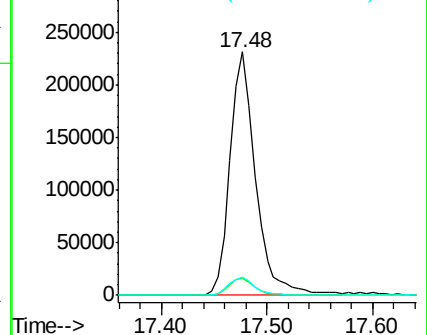
80 7.6 7.7 11.5#



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: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031489.D

Acq: 12 Dec 2017 13:15

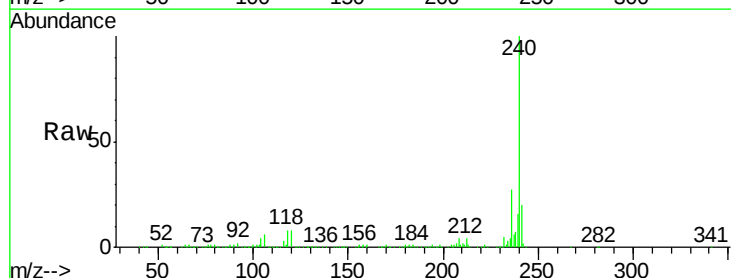
Tgt Ion:240 Resp: 513591

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

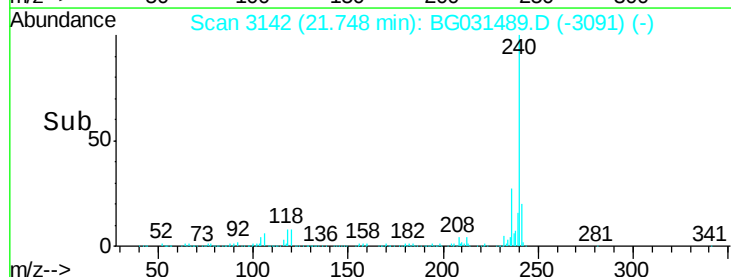
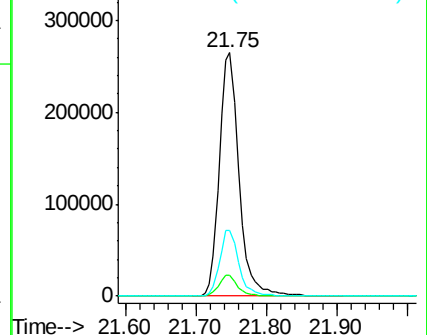
236 26.9 20.9 31.3

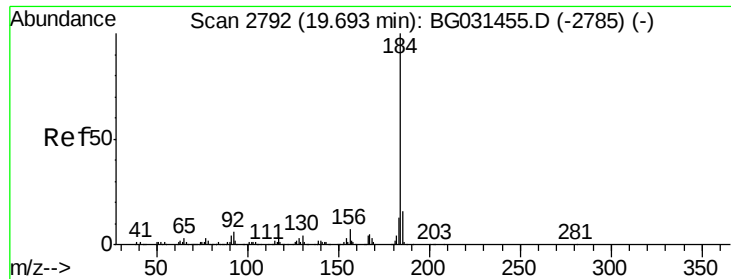


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

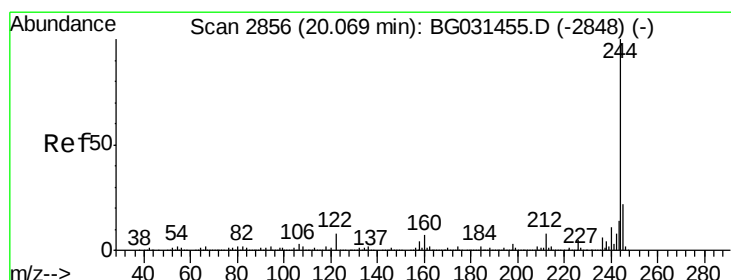
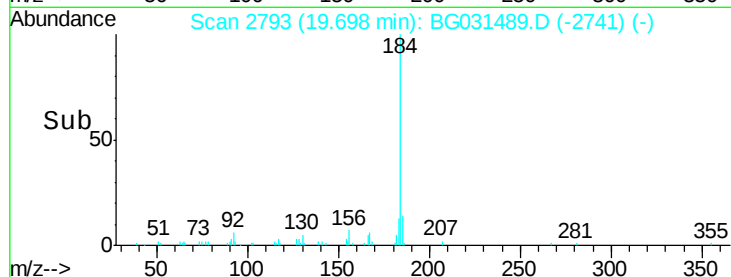
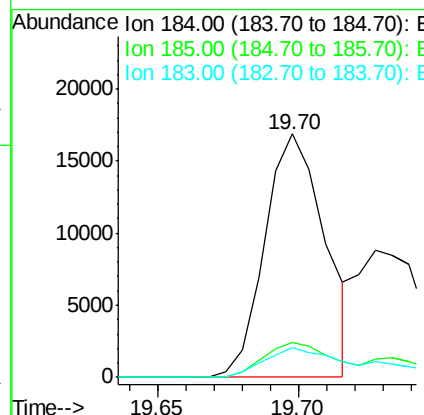
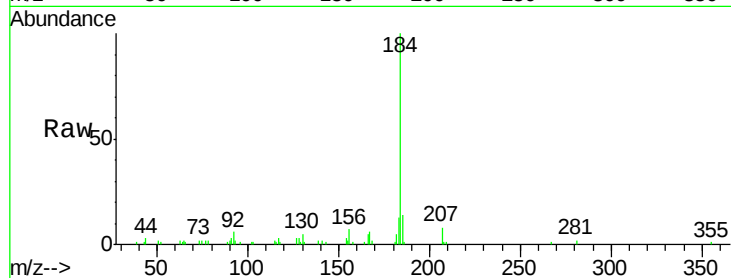




#76
Benzidine
Concen: 2.086 ng
RT: 19.70 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

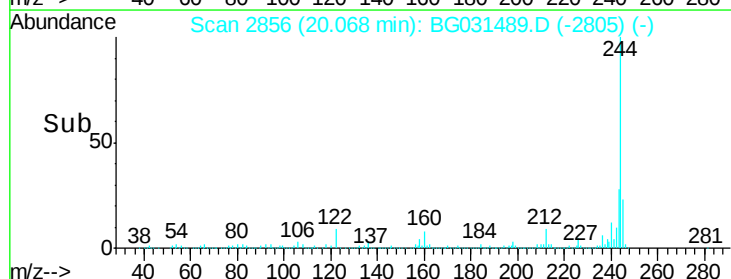
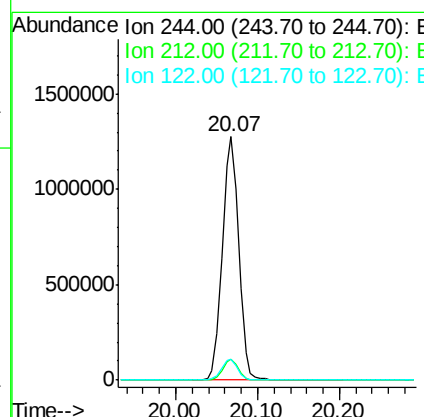
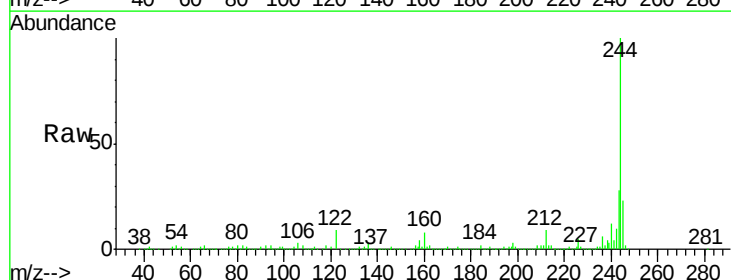
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BNA_G
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PB104888BL

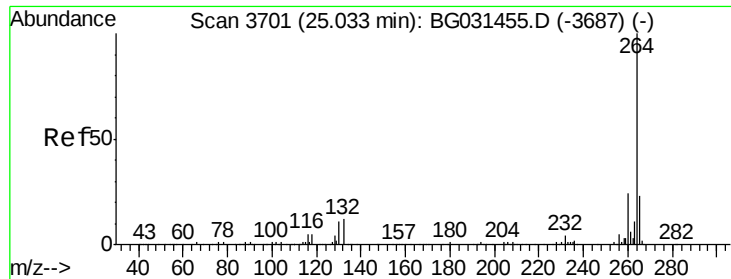
Tot Ion:184 Resp: 24932
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.5 10.6 16.0



#78
Terphenyl-d14
Concen: 79.123 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

Tgt Ion:244 Resp: 1786118
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 8.8 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

Instrument :
BNA_G
ClientSampleId :
PB104888BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.5	17.7	26.5

