

Data Path : \\74.0.250.170\SV0ASRV\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 06:19:12 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

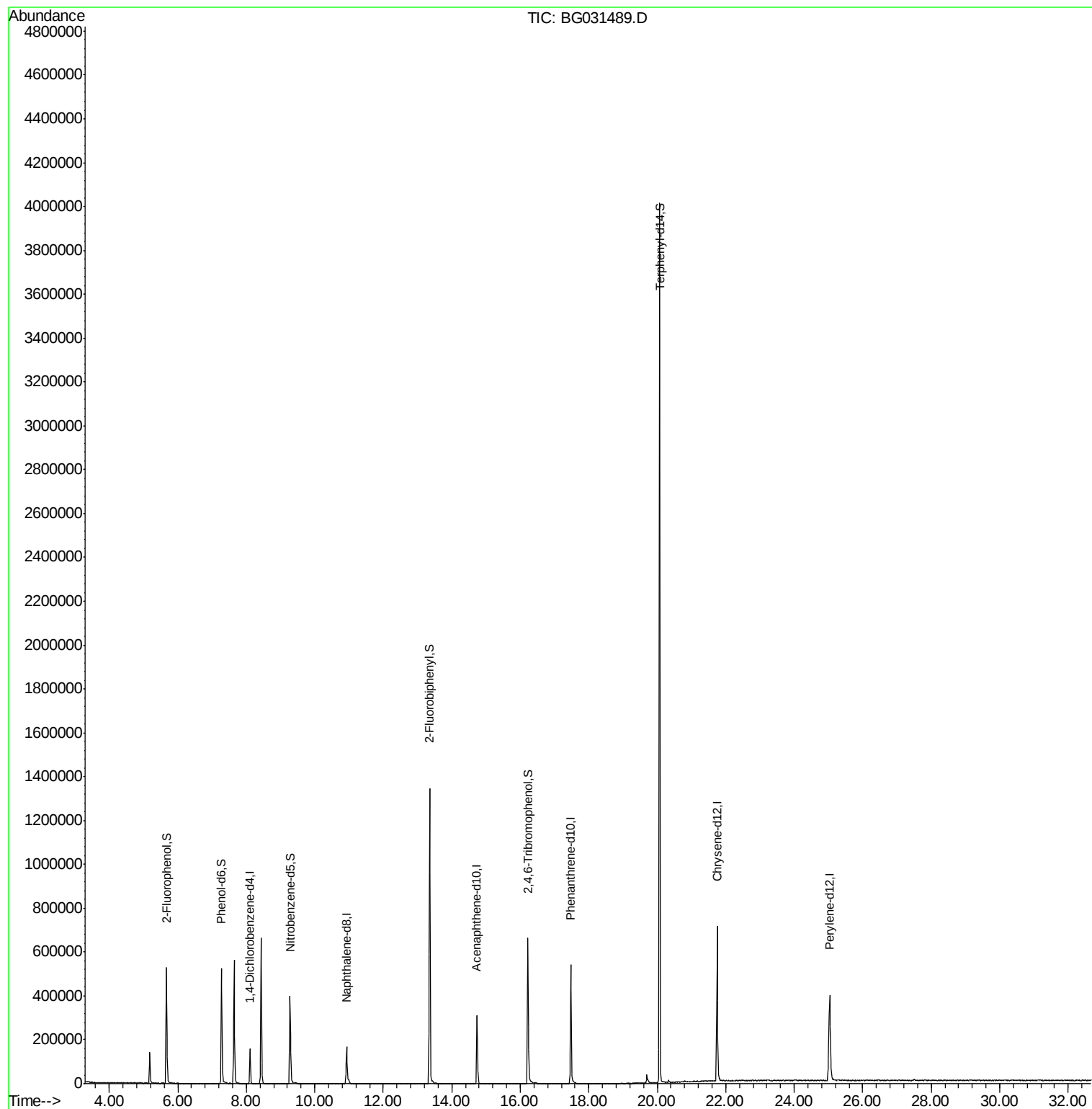
Target Compounds Qvalue

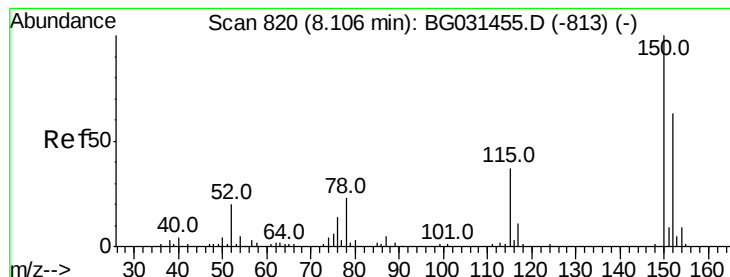
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



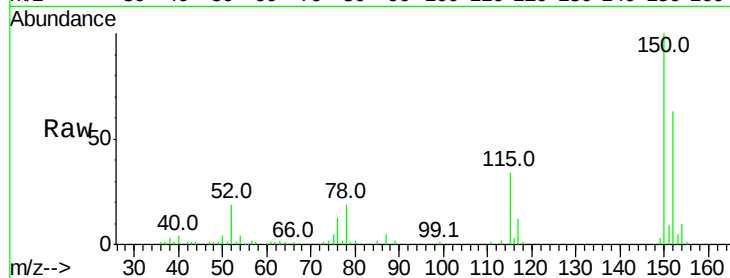


#1

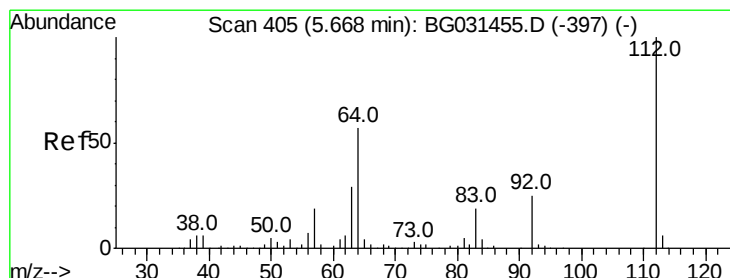
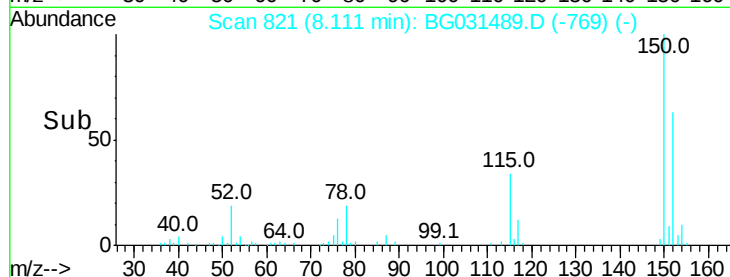
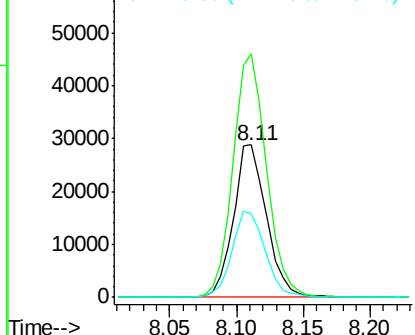
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

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



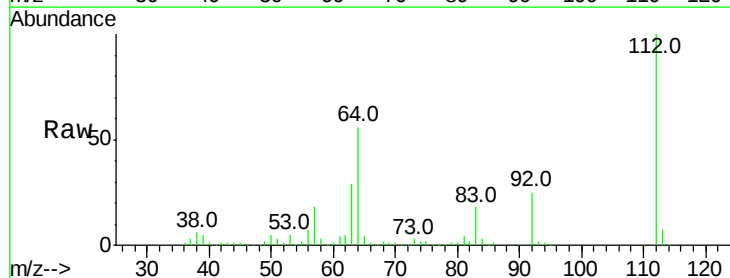
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



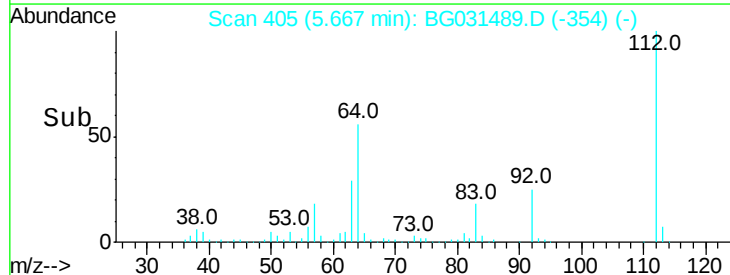
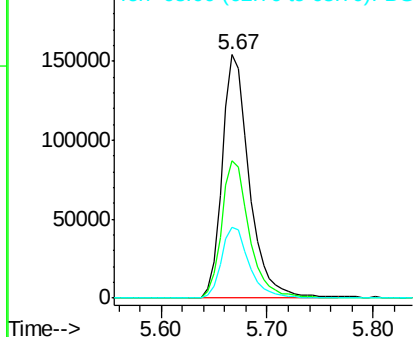
#5

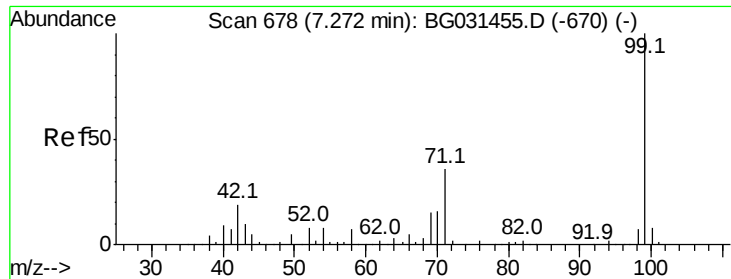
2-Fluorophenol
Concen: 98.132 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

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

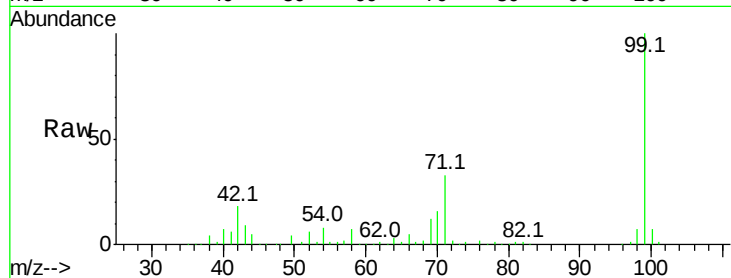
Tot Ion: 99 Resp: 350449

Ion Ratio Lower Upper

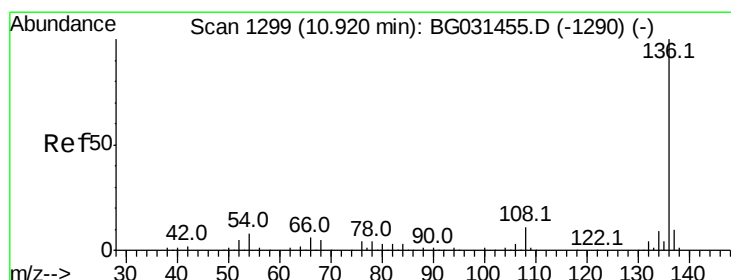
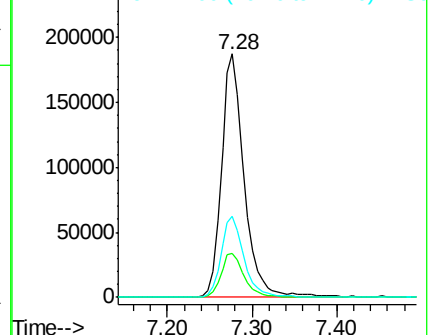
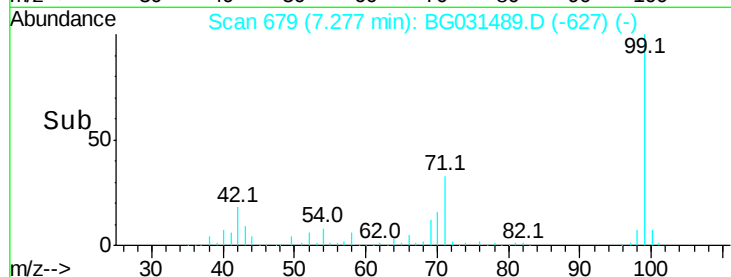
99 100

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

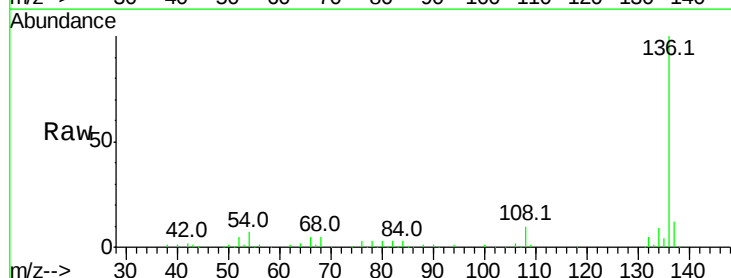
Ion Ratio Lower Upper

136 100

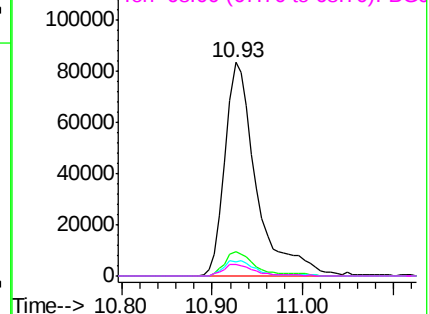
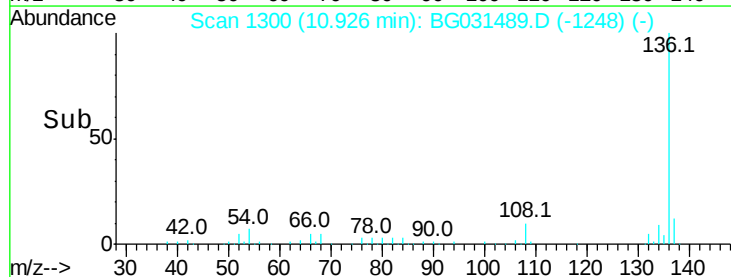
137 11.5 9.2 13.8

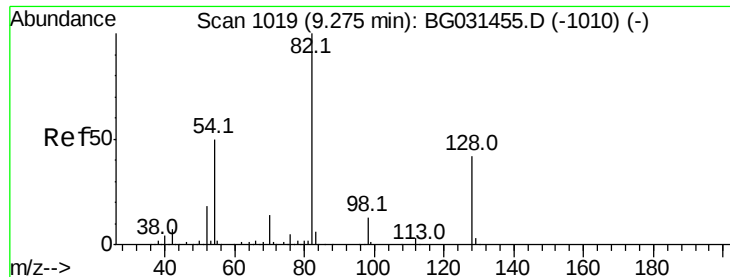
54 6.5 10.3 15.5#

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

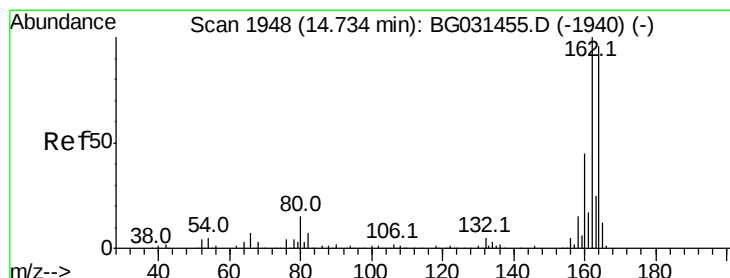
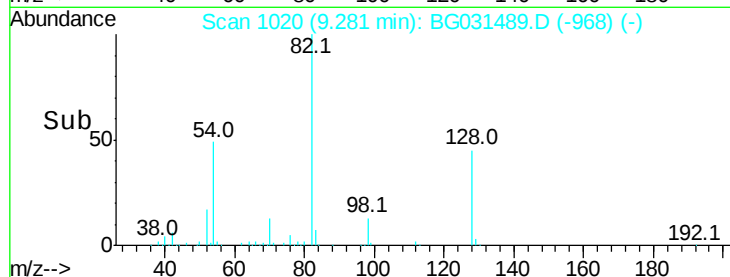
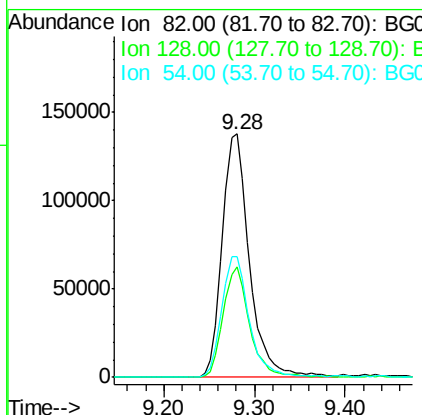
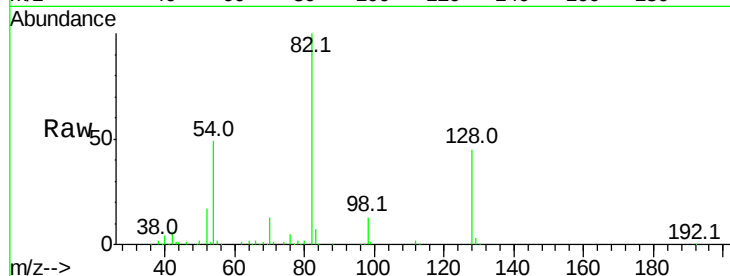




#23
 Nitrobenzene-d5
 Concen: 88.455 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

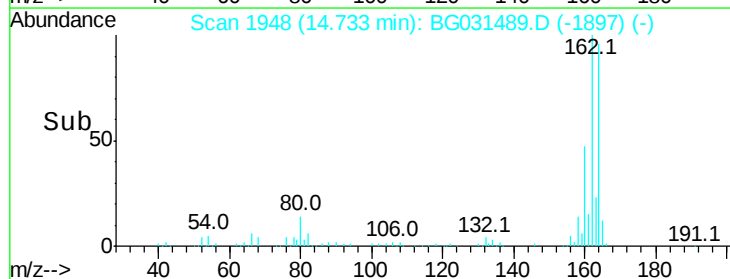
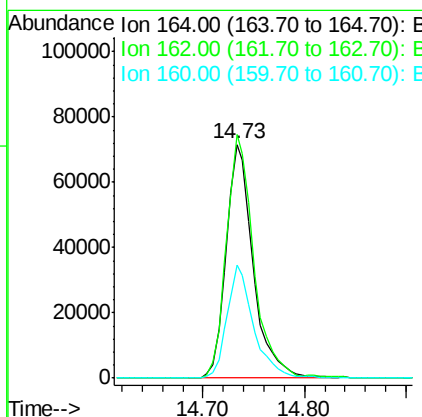
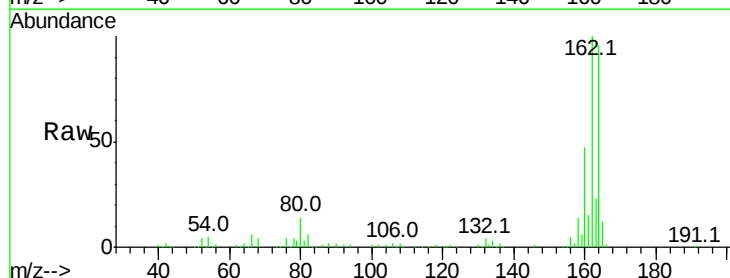
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BL

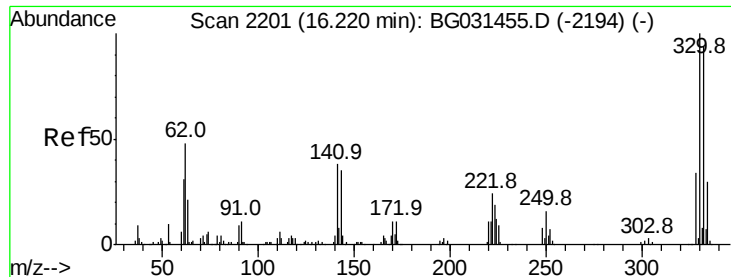
Tot Ion: 82 Resp: 288654
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 49.4 43.1 64.7



#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

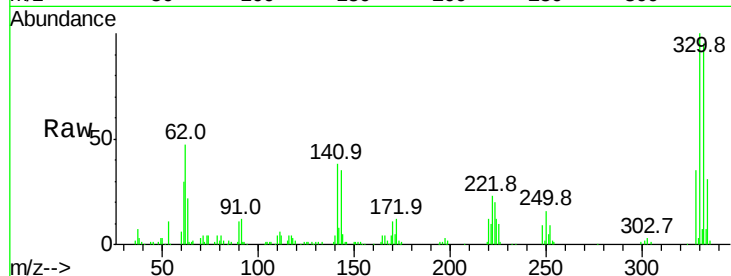




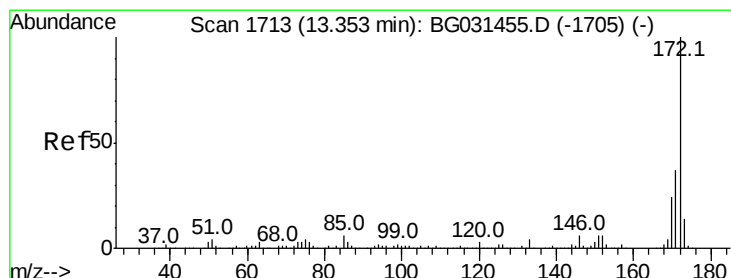
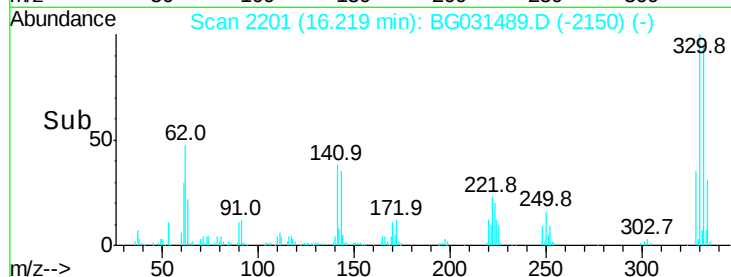
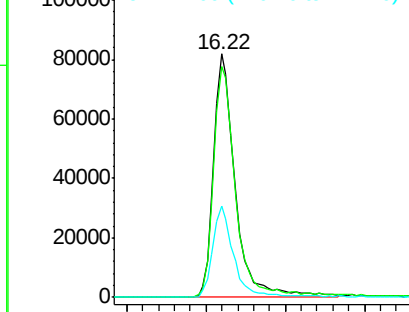
#41
 2,4,6-Tribromophenol
 Concen: 100.978 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BL

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

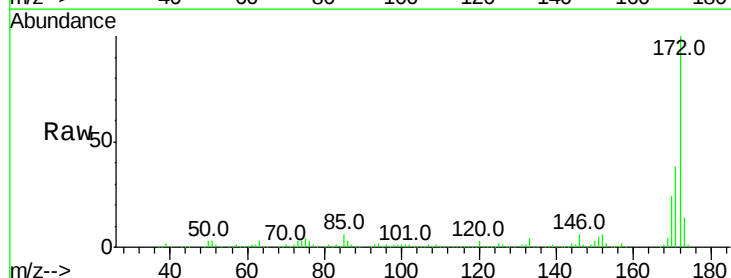


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

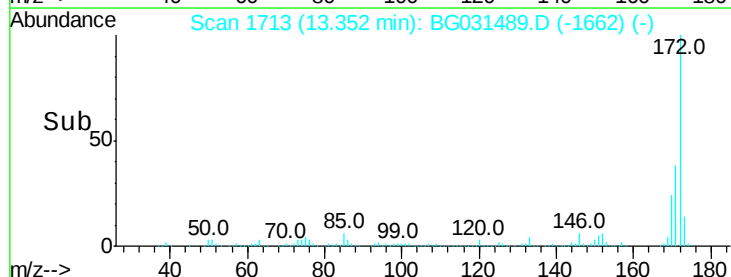
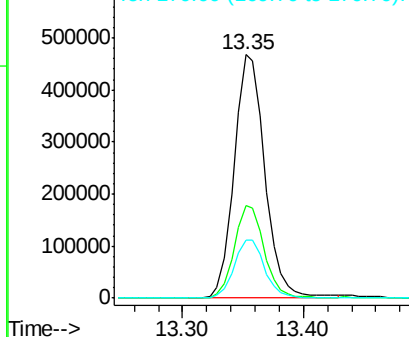


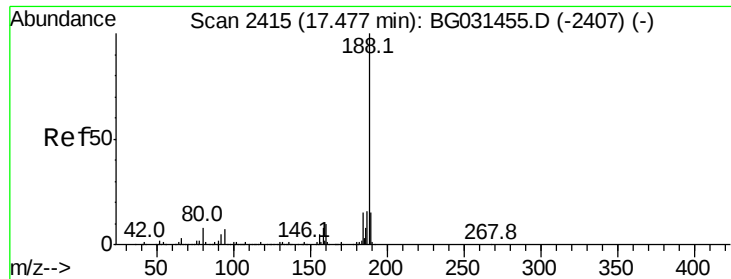
#44
 2-Fluorobiphenyl
 Concen: 92.400 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031489.D
 Acq: 12 Dec 2017 13:15

Tgt Ion	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

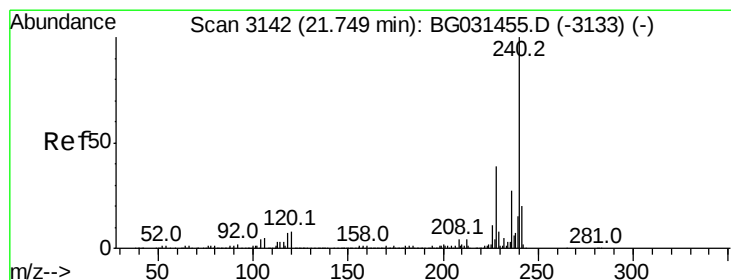
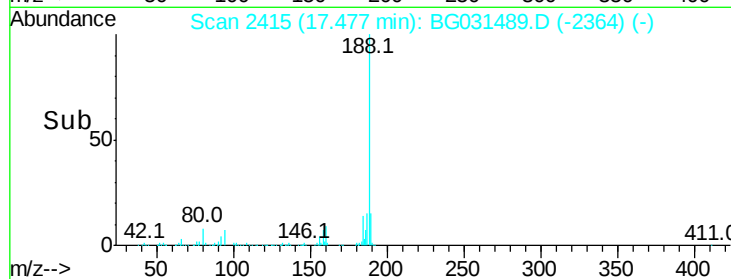
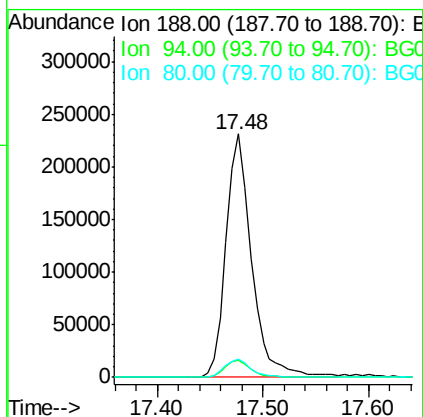
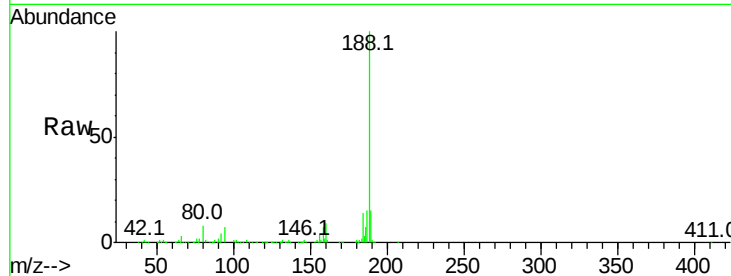




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031489.D
Acq: 12 Dec 2017 13:15

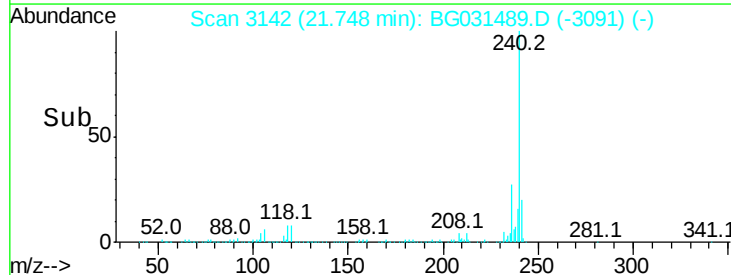
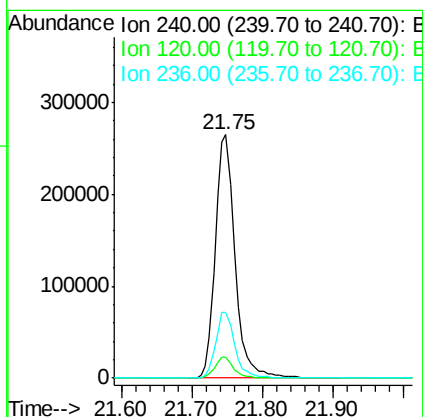
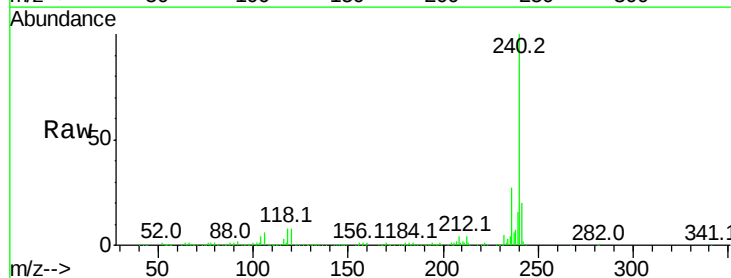
Instrument :
BNA_G
ClientSampleId :
PB104888BL

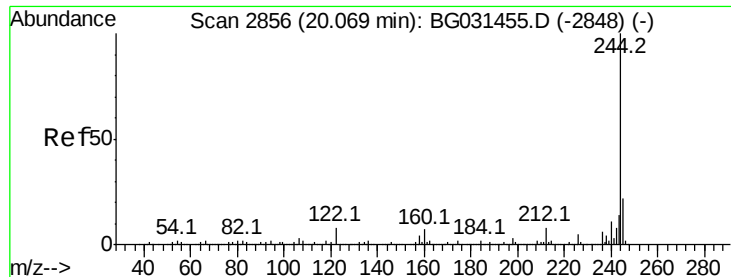
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.6	7.7	11.5#



#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	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	26.9	20.9	31.3





#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

Instrument :

BNA_G

ClientSampleId :

PB104888BL

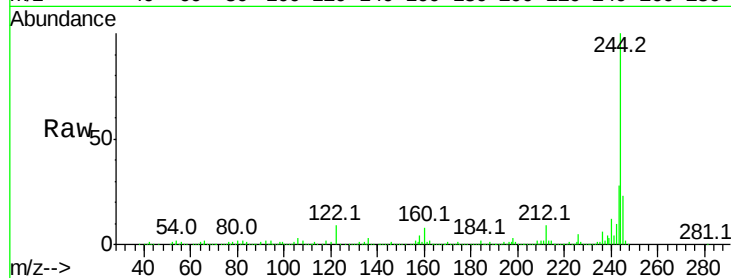
Tot Ion:244 Resp: 1786118

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

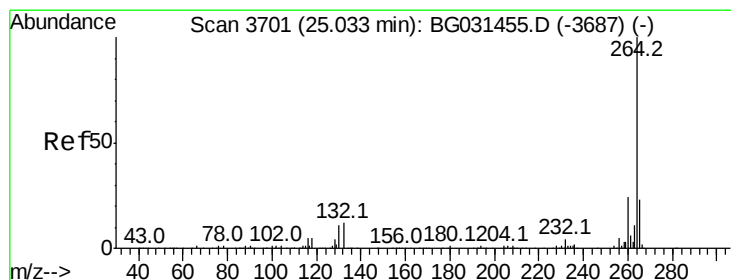
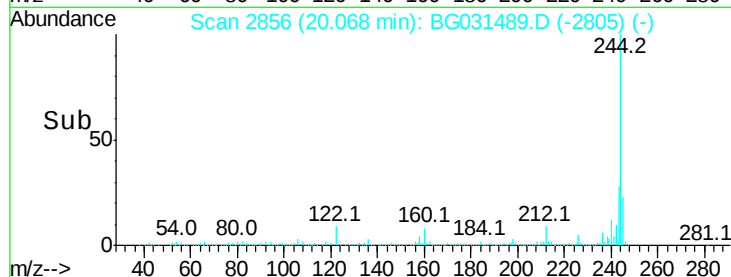
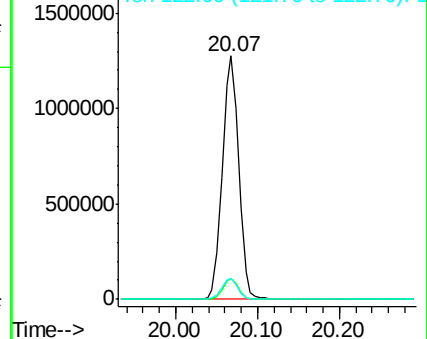
122 8.8 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031489.D

Acq: 12 Dec 2017 13:15

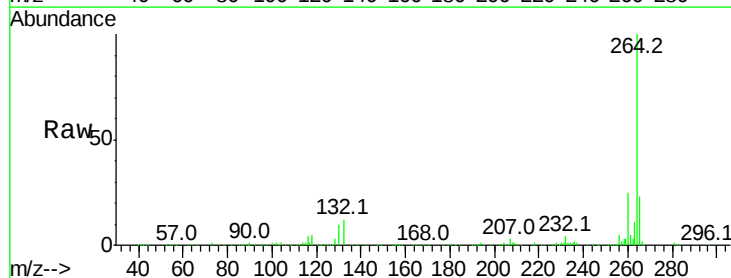
Tgt Ion:264 Resp: 488990

Ion Ratio Lower Upper

264 100

260 25.4 17.4 26.0

265 22.5 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

