

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031473.D
 Acq On : 12 Dec 2017 3:12
 Operator : SJ/JU
 Sample : I6762-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 07:16:18 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	50419	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	209384	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	141502	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	401606	20.00	ng	0.00
75) Chrysene-d12	21.74	240	481298	20.00	ng	0.00
86) Perylene-d12	25.03	264	452173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	140841	49.51	ng	0.00
7) Phenol-d6	7.28	99	121621	30.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	335475	98.75	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	183014	110.40	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	985876	102.27	ng	0.00
78) Terphenyl-d14	20.07	244	1879552	88.85	ng	0.00

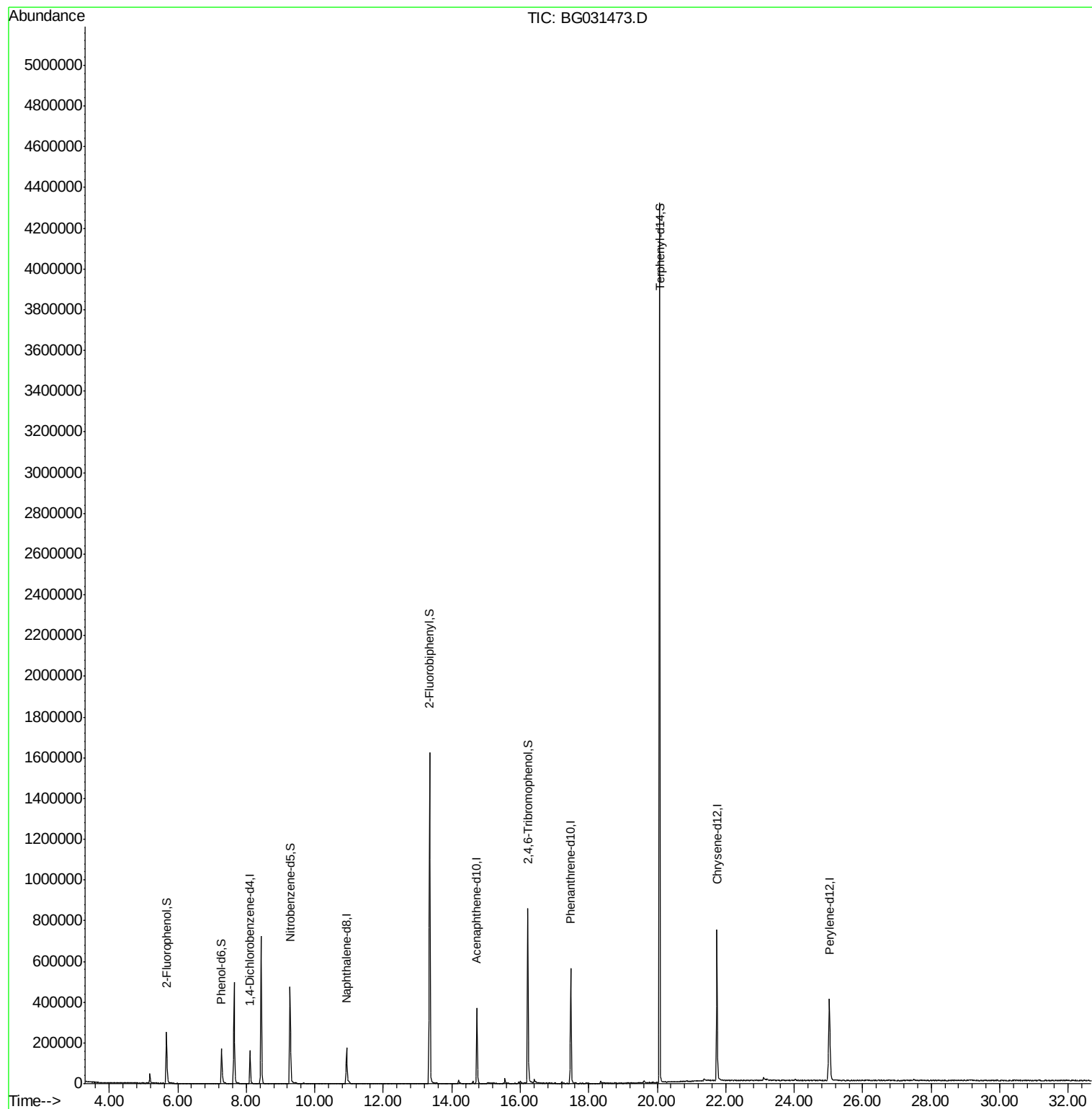
Target Compounds Qvalue

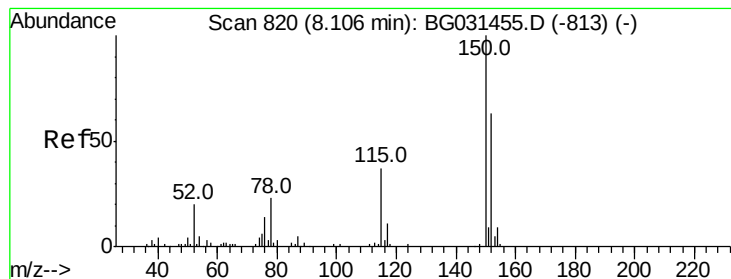
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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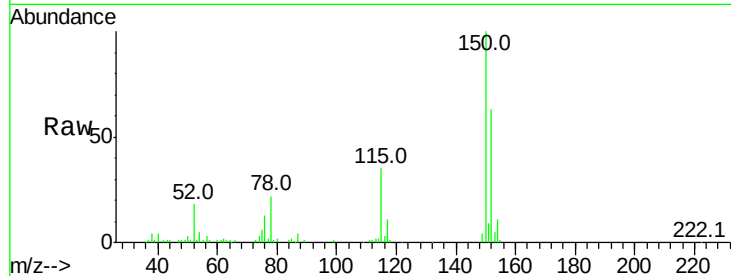


#1

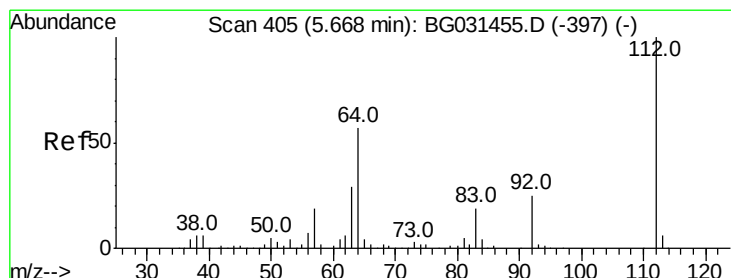
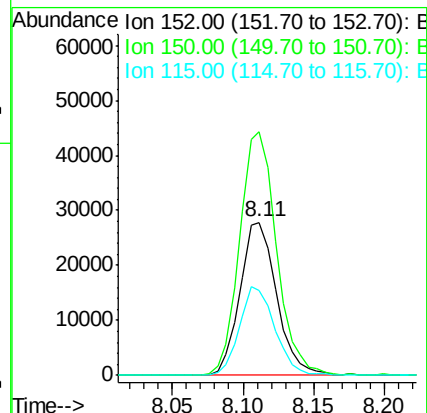
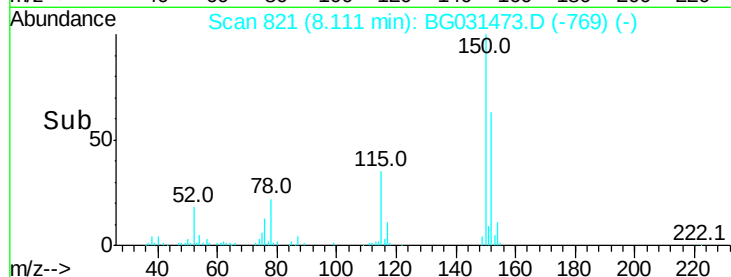
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031473.D
Acq: 12 Dec 2017 3:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50419
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 55.7 53.0 79.4



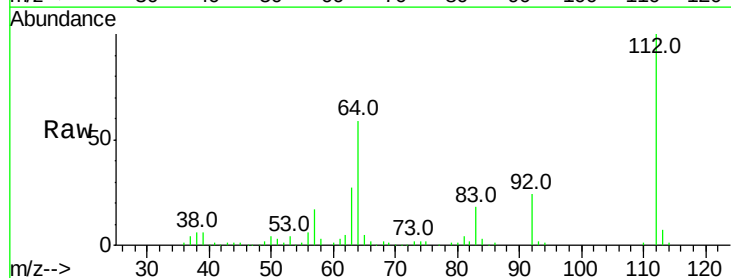
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



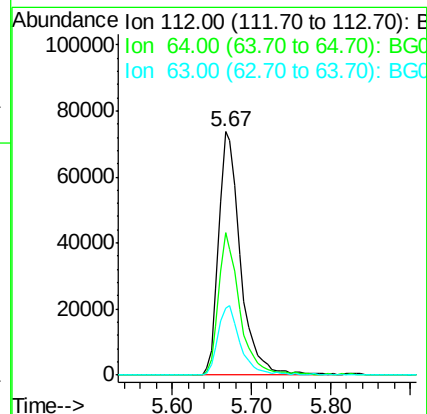
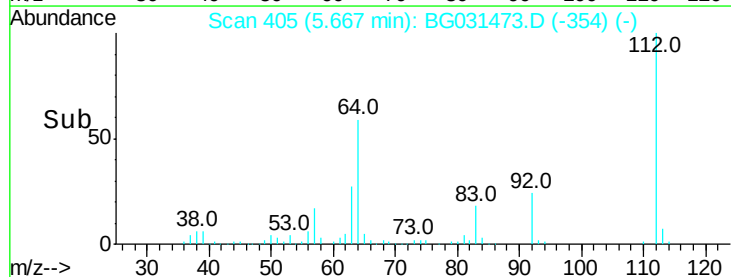
#5

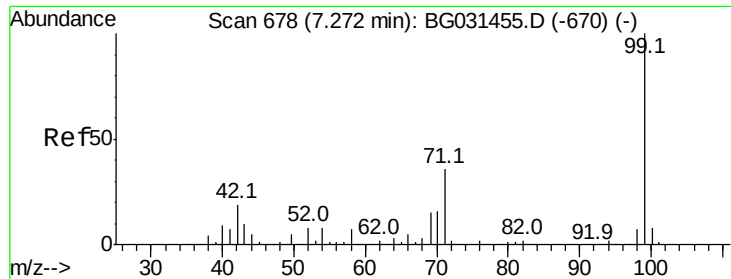
2-Fluorophenol
Concen: 49.514 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031473.D
Acq: 12 Dec 2017 3:12

Tgt Ion:112 Resp: 140841
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 27.3 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: 30.799 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031473.D

Acq: 12 Dec 2017 3:12

Instrument :

BNA_G

ClientSampleId :

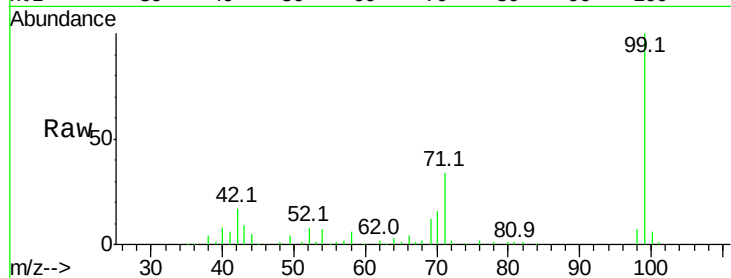
Tot Ion: 99 Resp: 121621

Ion Ratio Lower Upper

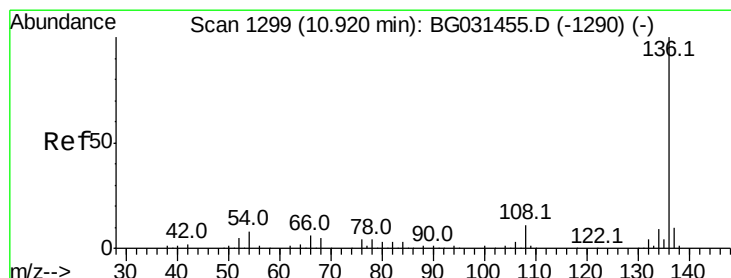
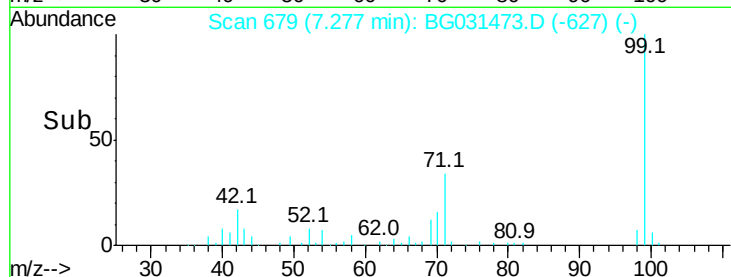
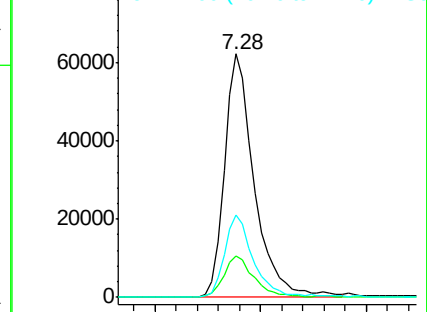
99 100

42 17.0 14.1 21.1

71 33.8 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: BG031473.D

Acq: 12 Dec 2017 3:12

Tgt Ion: 136 Resp: 209384

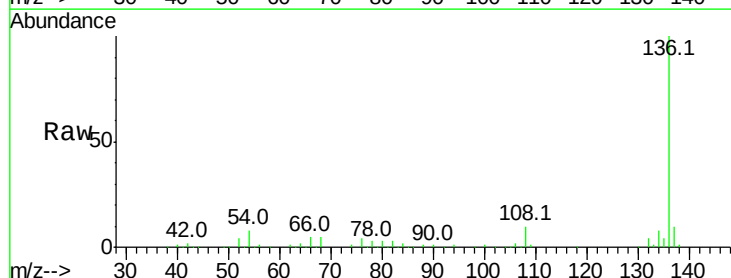
Ion Ratio Lower Upper

136 100

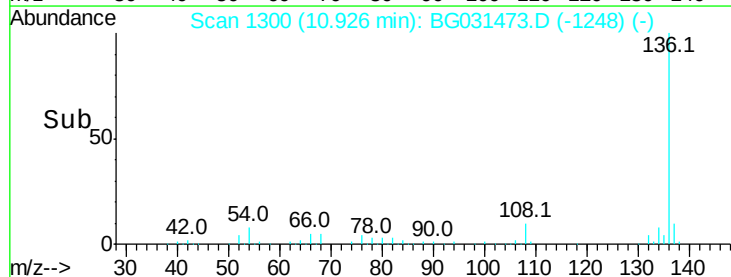
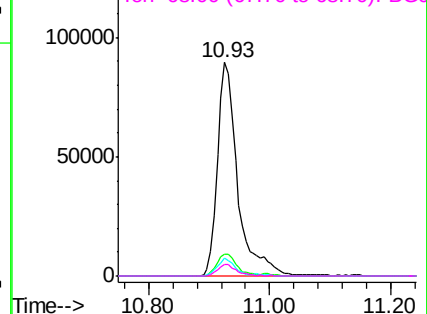
137 10.3 9.2 13.8

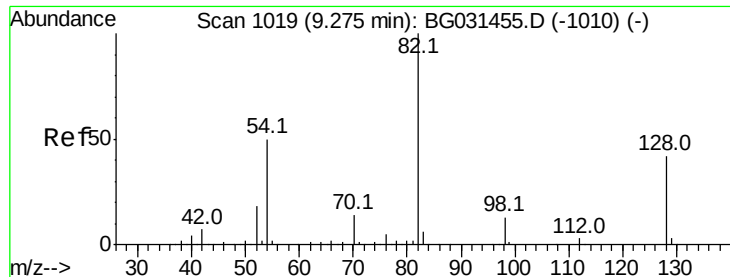
54 8.1 10.3 15.5#

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

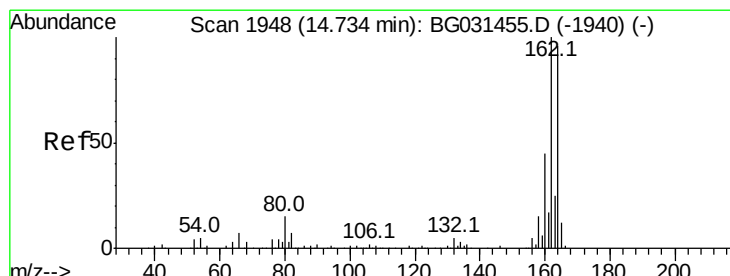
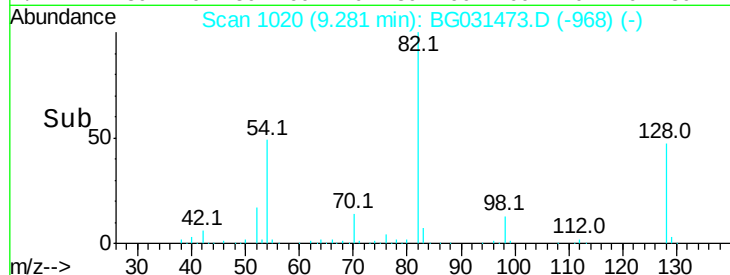
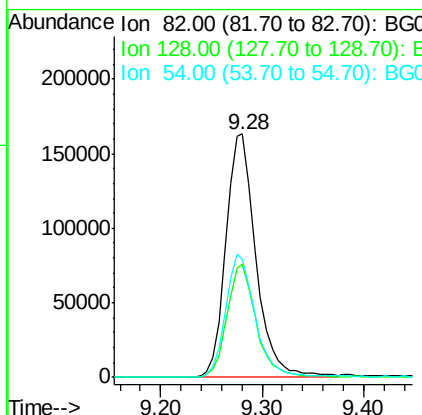
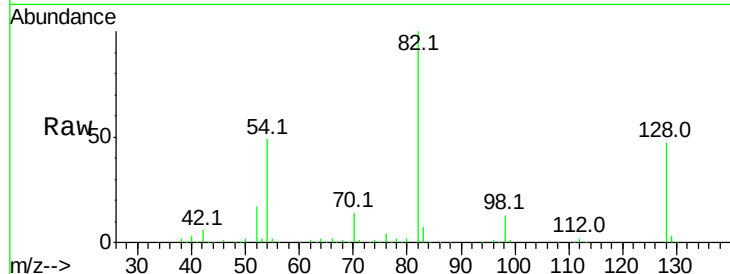




#23
 Nitrobenzene-d5
 Concen: 98.754 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

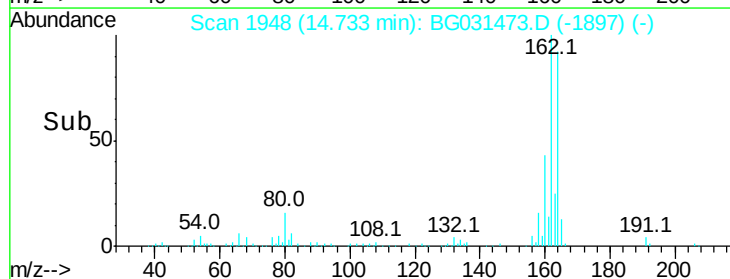
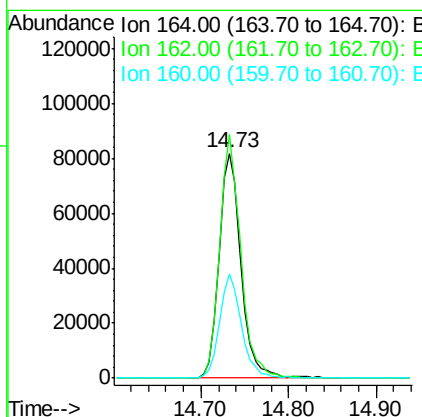
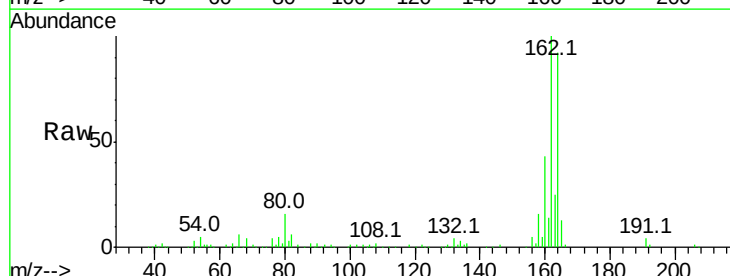
Instrument :
 BNA_G
 ClientSampled :

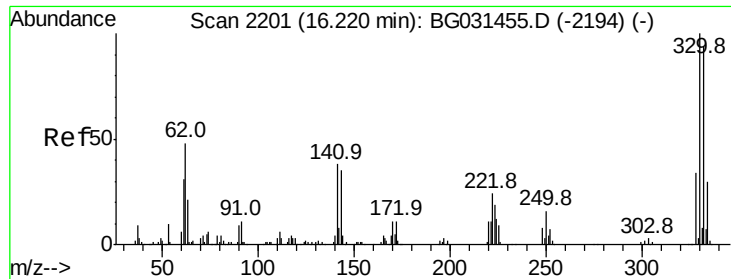
Tot Ion: 82 Resp: 335475
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 48.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

Tgt Ion: 164 Resp: 141502
 Ion Ratio Lower Upper
 164 100
 162 108.5 78.8 118.2
 160 46.3 35.4 53.0

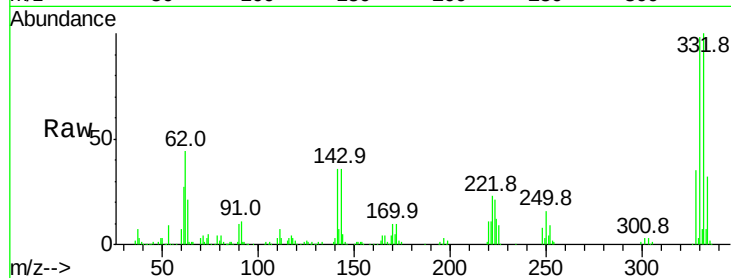




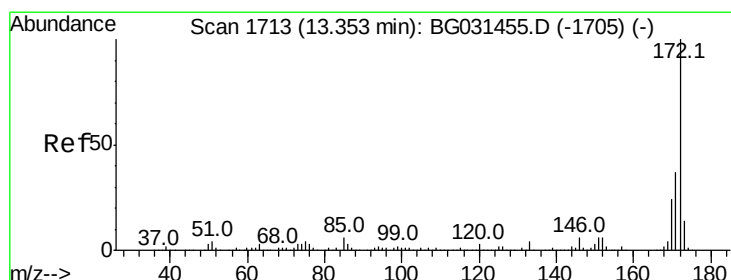
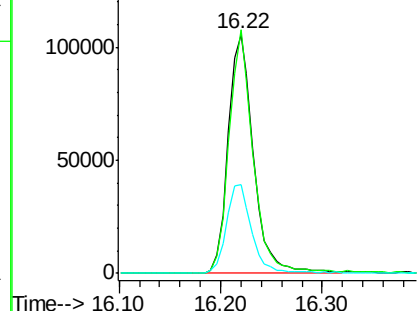
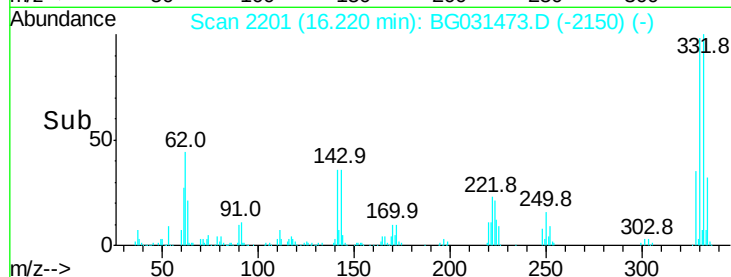
#41
 2,4,6-Tribromophenol
 Concen: 110.399 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.0	25.2	37.8

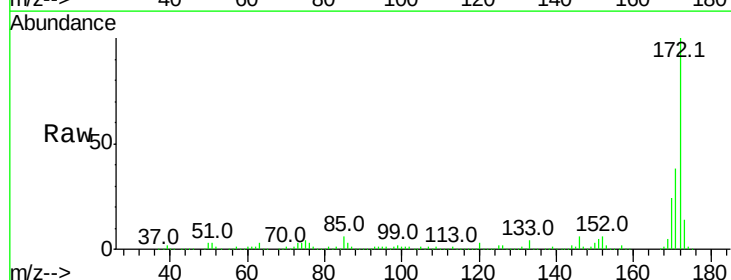


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

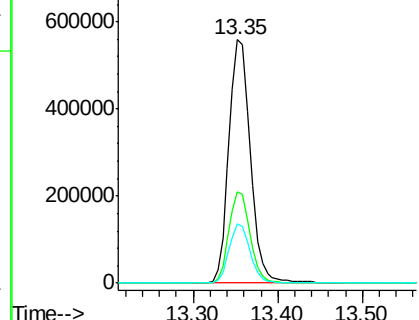
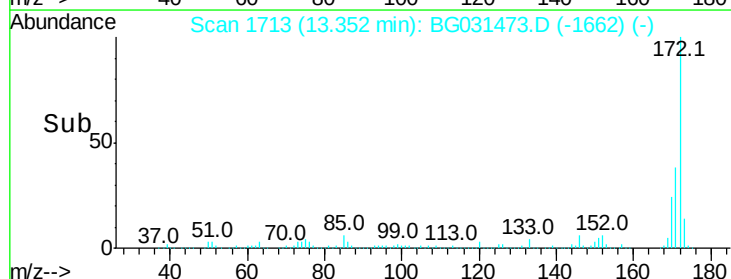


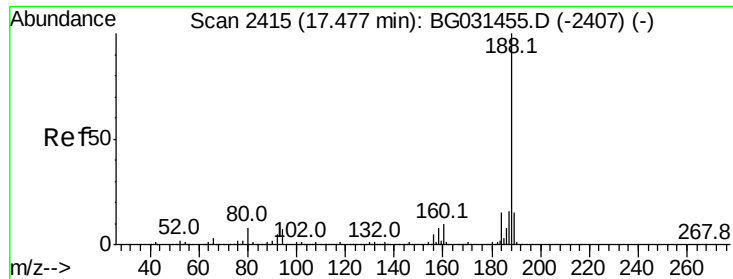
#44
 2-Fluorobiphenyl
 Concen: 102.270 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031473.D

Acq: 12 Dec 2017 3:12

Instrument :

BNA_G

ClientSampleId :

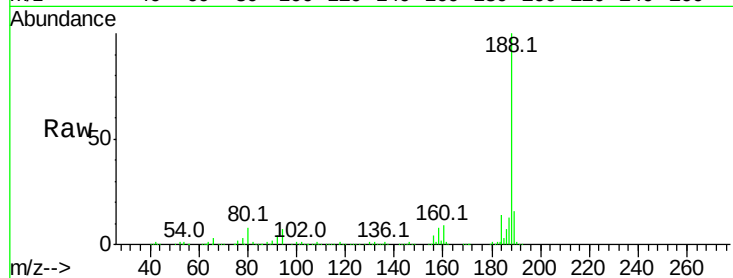
Tot Ion:188 Resp: 401606

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

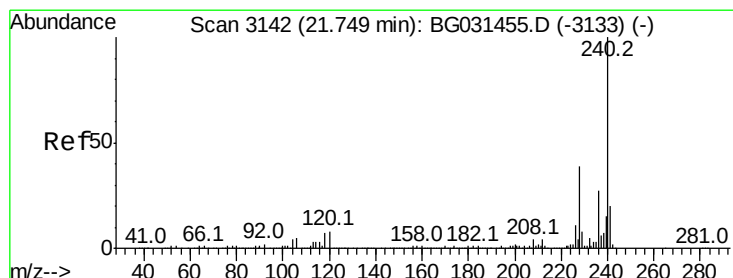
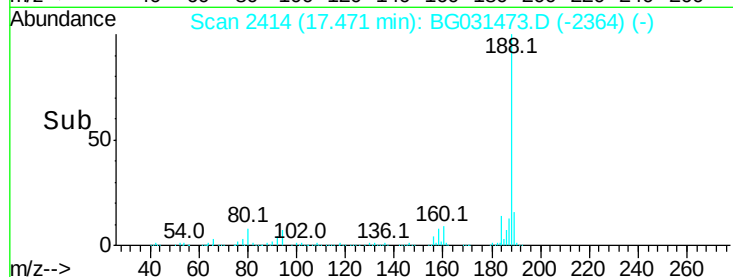
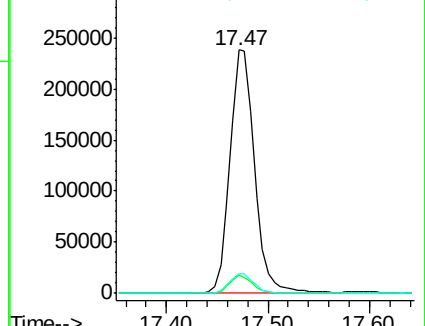
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031473.D

Acq: 12 Dec 2017 3:12

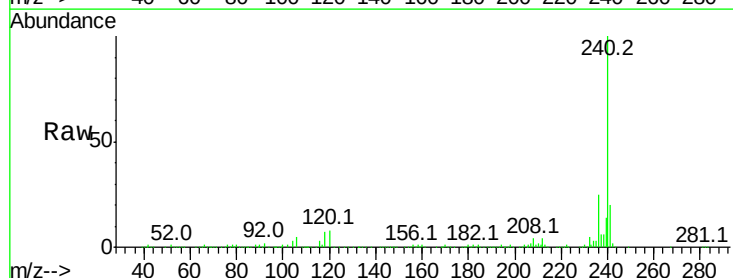
Tgt Ion:240 Resp: 481298

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

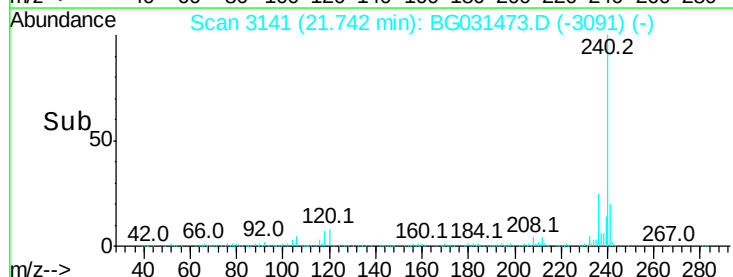
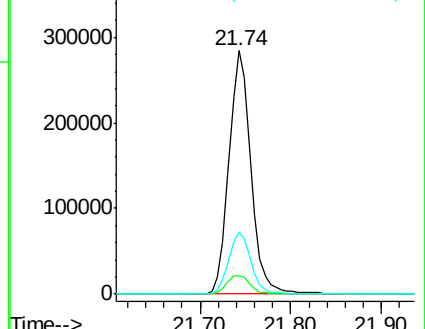
236 25.2 20.9 31.3

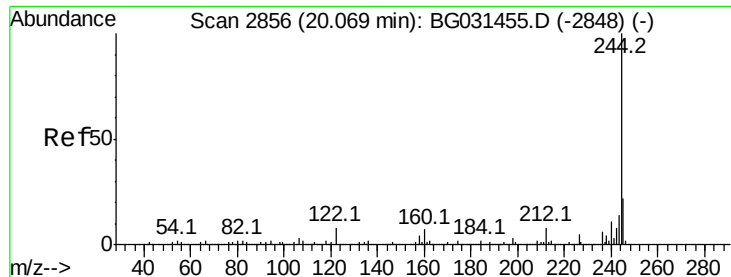


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

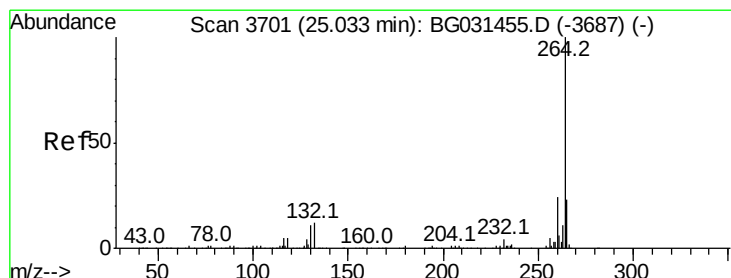
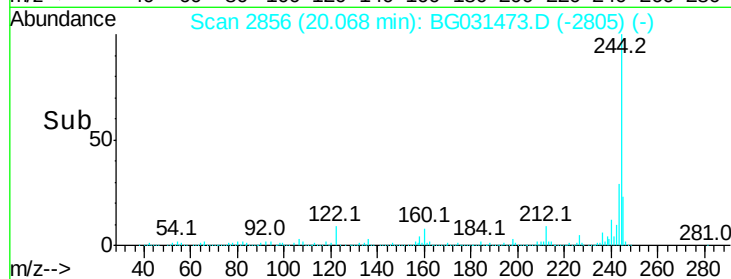
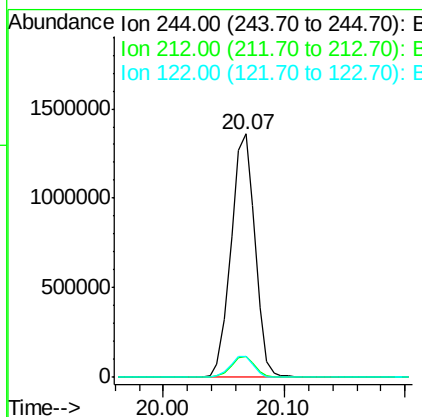
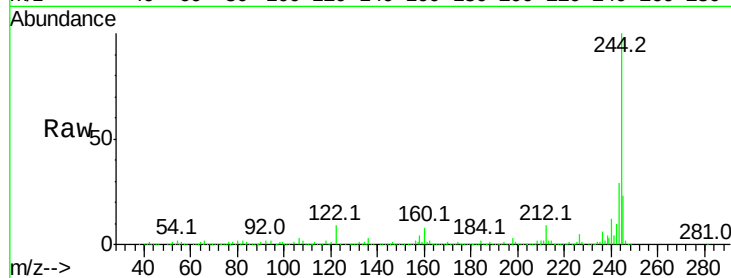




#78
 Terphenyl-d14
 Concen: 88.849 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1879552
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 8.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031473.D
 Acq: 12 Dec 2017 3:12

Tgt Ion:264 Resp: 452173
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 21.4 17.7 26.5

