

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031634.D
 Acq On : 18 Dec 2017 14:41
 Operator : SJ/JU
 Sample : I6909-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:00:44 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

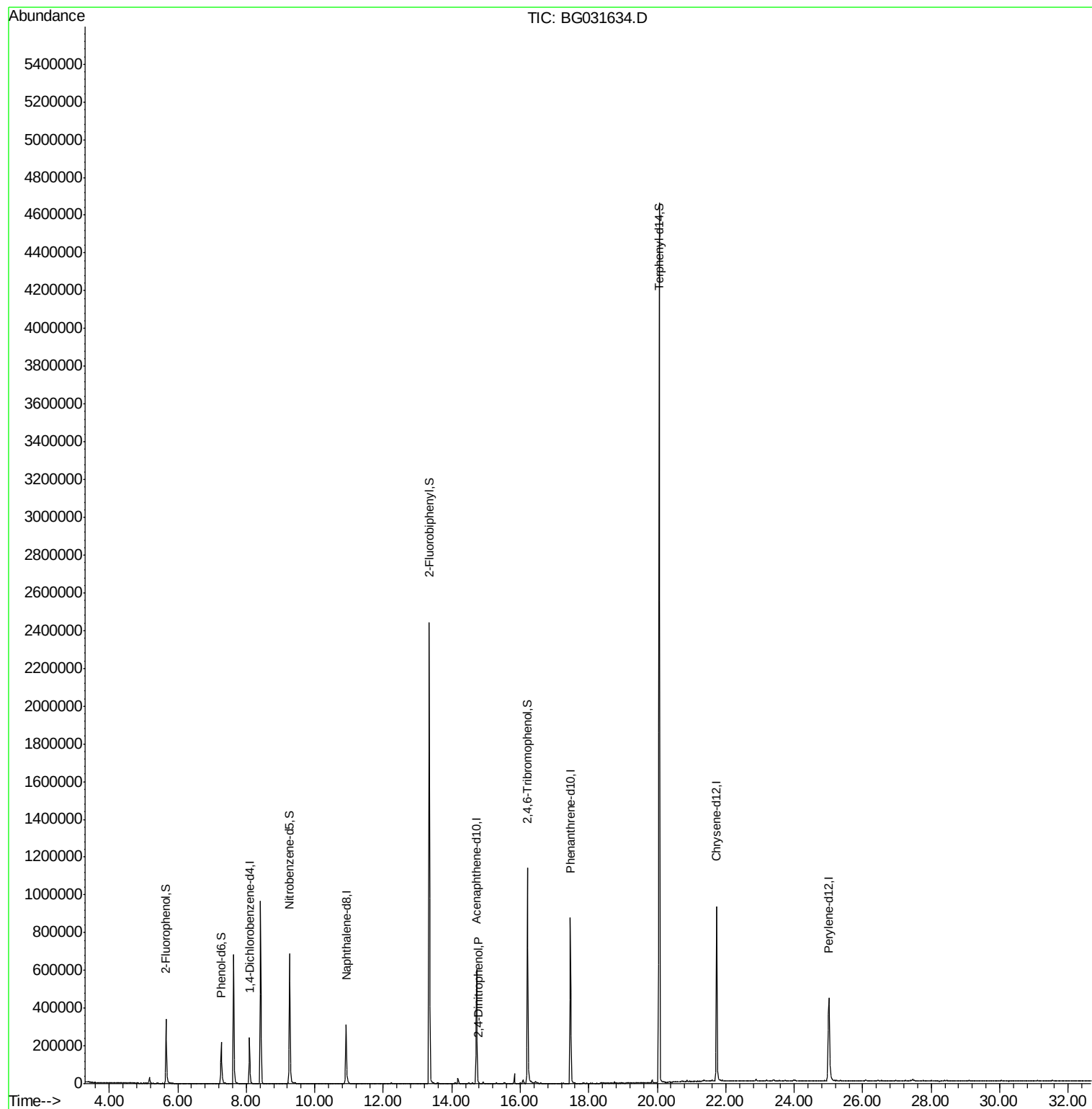
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	77081	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	341918	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	234959	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	599555	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	644040	20.00	ng	-0.02
86) Perylene-d12	25.02	264	553598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	196465	45.18	ng	-0.01
7) Phenol-d6	7.27	99	156919	25.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	482098	86.91	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	256630	93.23	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1457190	91.04	ng	0.00
78) Terphenyl-d14	20.06	244	2392006	84.50	ng	-0.01
Target Compounds						
53) 2,4-Dinitrophenol	14.78	184	63	9.083	ng	Qvalue # 47

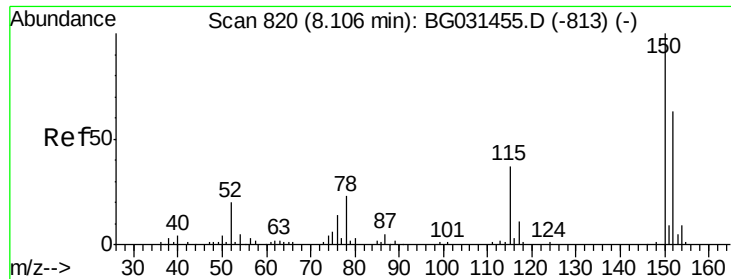
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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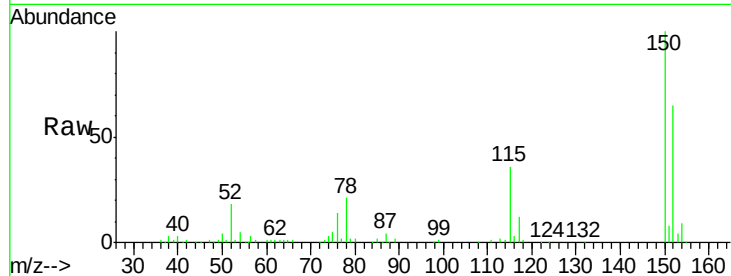


#1

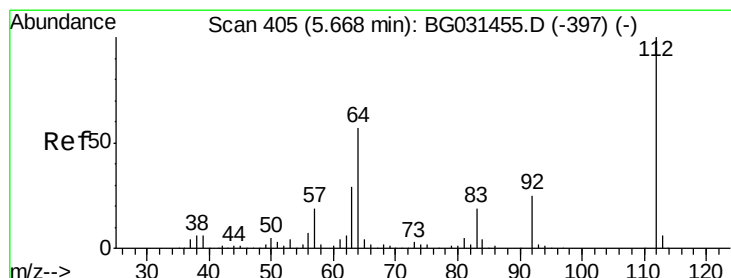
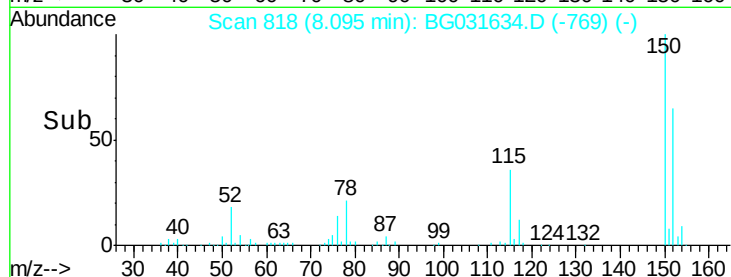
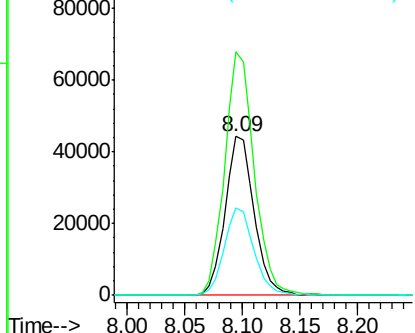
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 77081
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 55.5 53.0 79.4



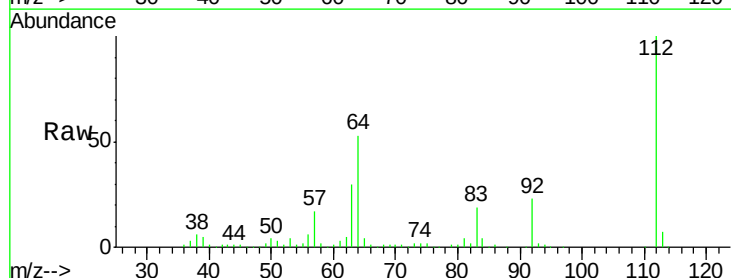
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



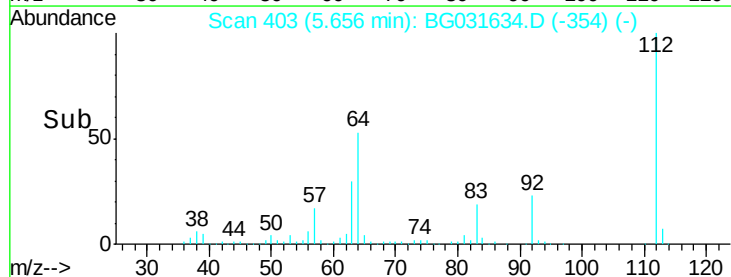
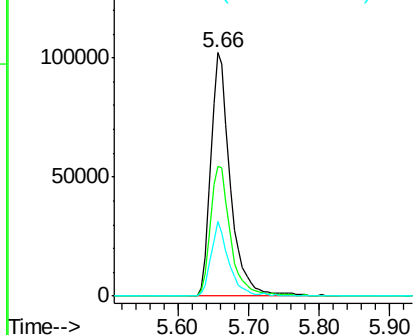
#5

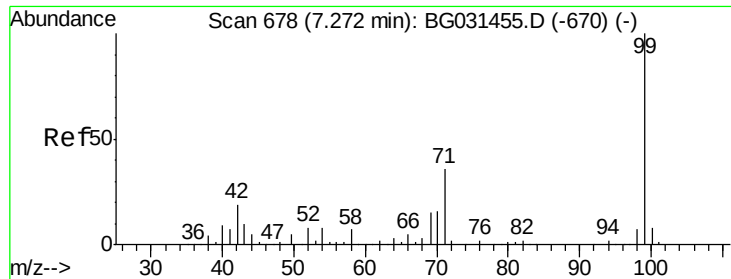
2-Fluorophenol
Concen: 45.178 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

Tgt Ion:112 Resp: 196465
Ion Ratio Lower Upper
112 100
64 53.1 56.3 84.5#
63 30.5 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: 25.993 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Instrument :

BNA_G

ClientSampleId :

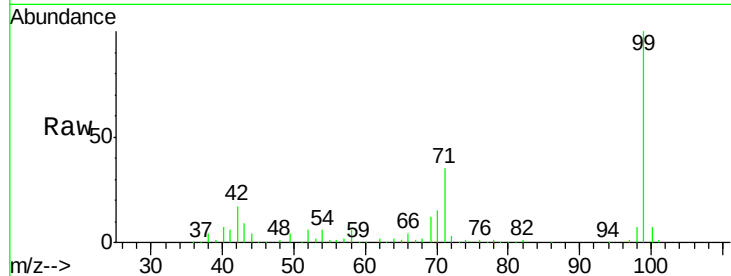
Tot Ion: 99 Resp: 156919

Ion Ratio Lower Upper

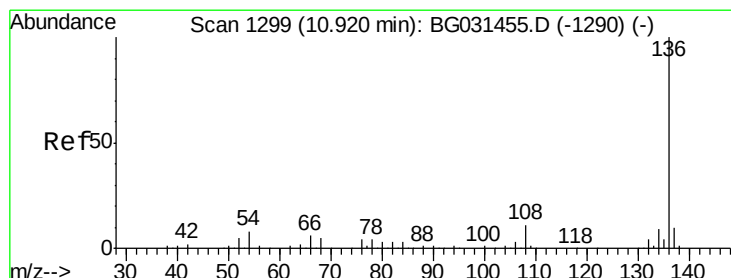
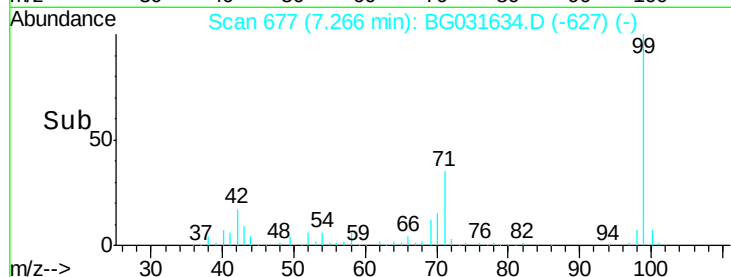
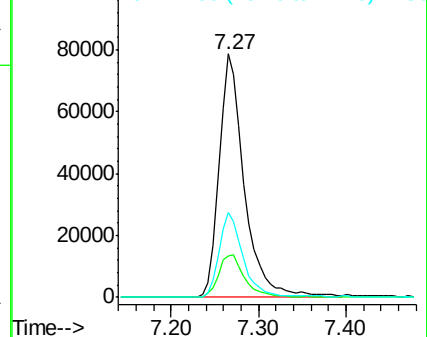
99 100

42 16.8 14.1 21.1

71 34.9 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Tgt Ion: 136 Resp: 341918

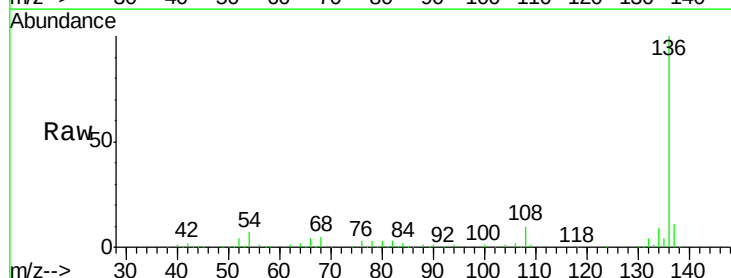
Ion Ratio Lower Upper

136 100

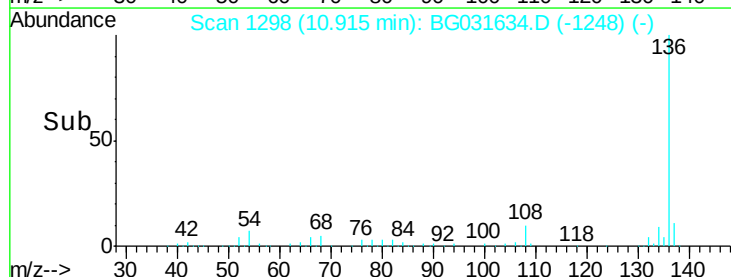
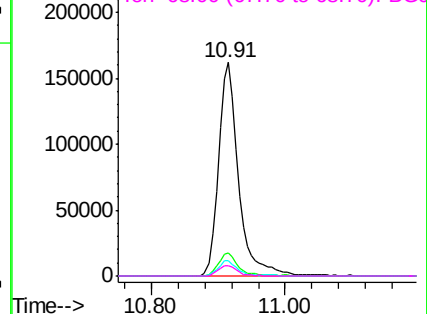
137 10.6 9.2 13.8

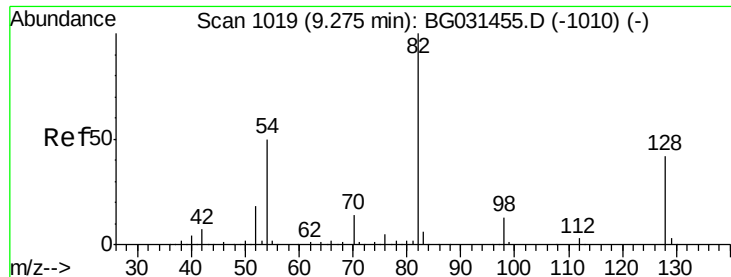
54 7.0 10.3 15.5#

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

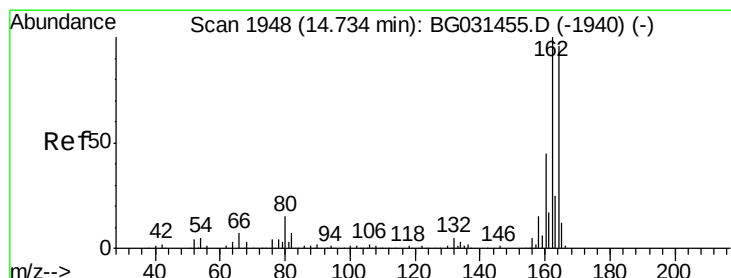
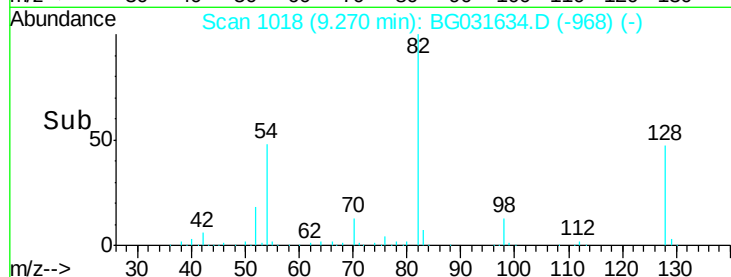
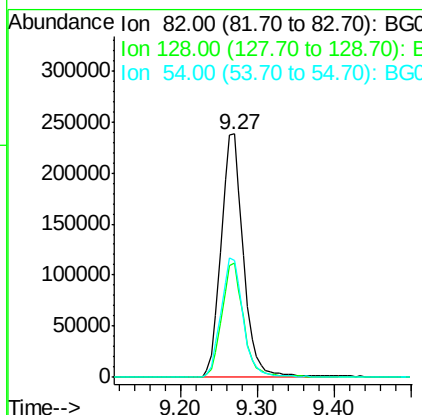
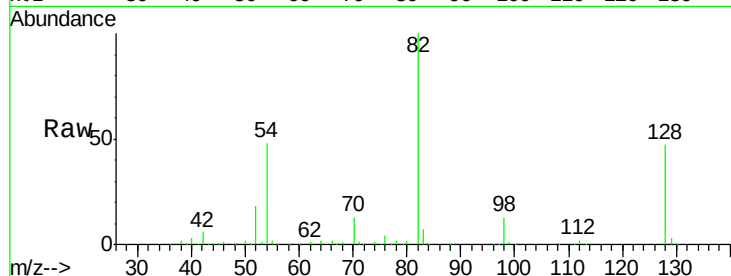




#23
 Nitrobenzene-d5
 Concen: 86.907 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

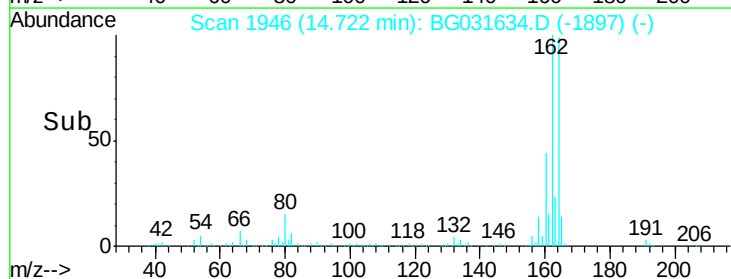
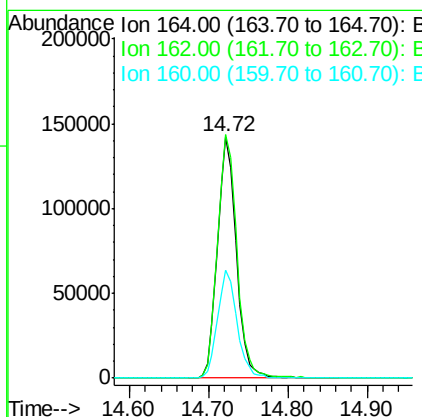
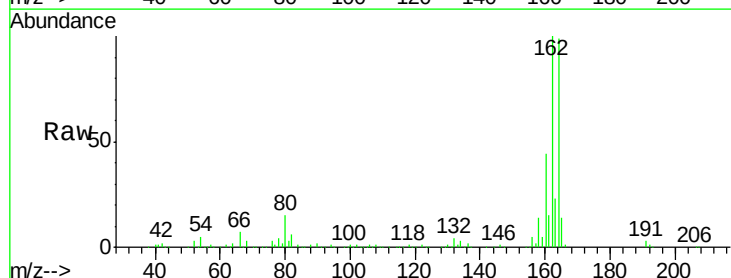
Instrument :
 BNA_G
 ClientSampleId :

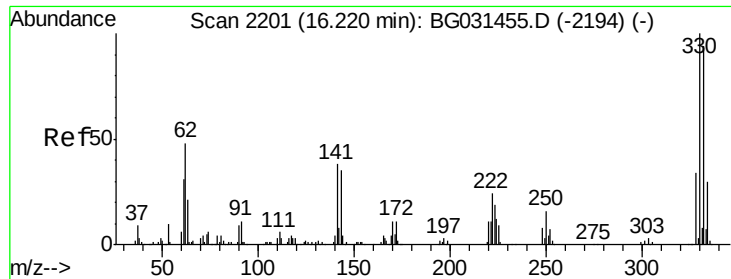
Tot Ion: 82 Resp: 482098
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Tgt Ion:164 Resp: 234959
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 44.6 35.4 53.0

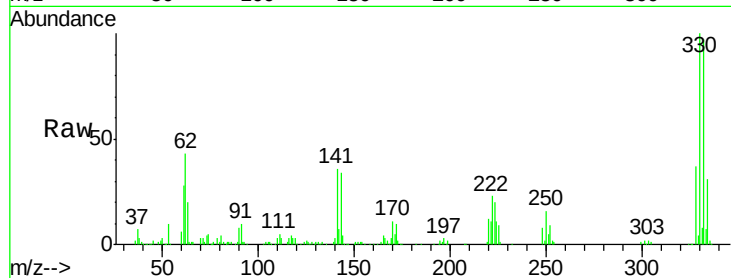




#41
 2,4,6-Tribromophenol
 Concen: 93.230 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.1	25.2	37.8

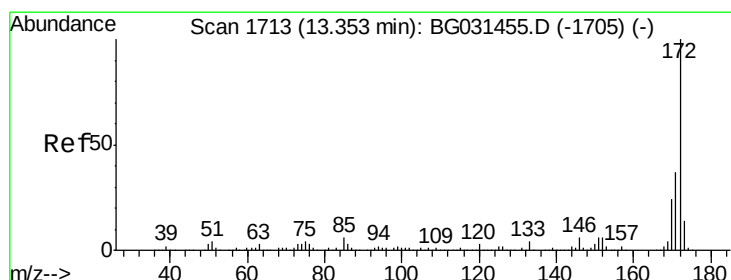
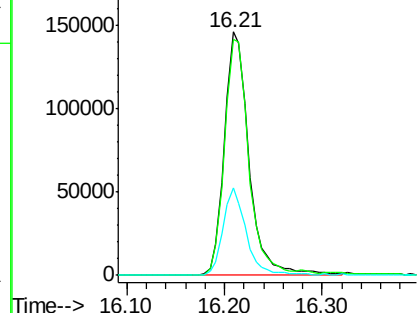
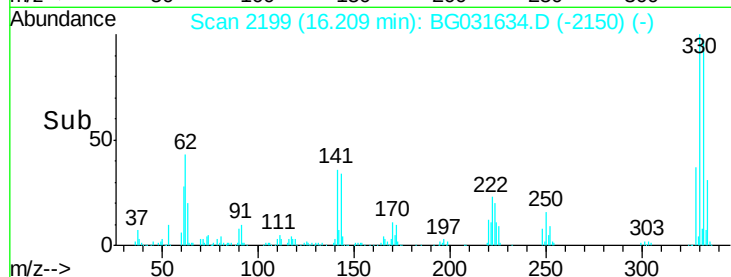


Abundance

Ion 329.80 (329.50 to 330.50): E

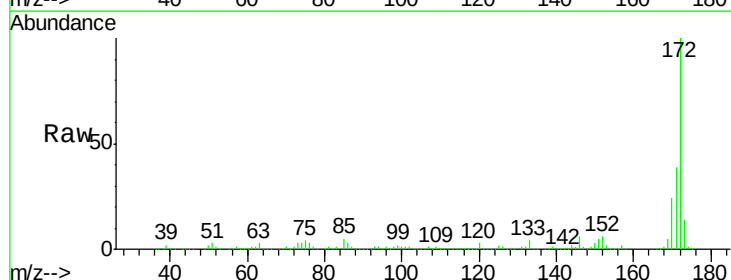
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.036 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.3	19.5	29.3

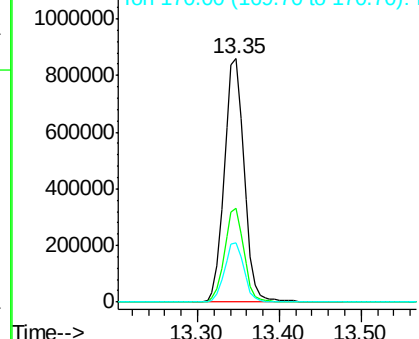
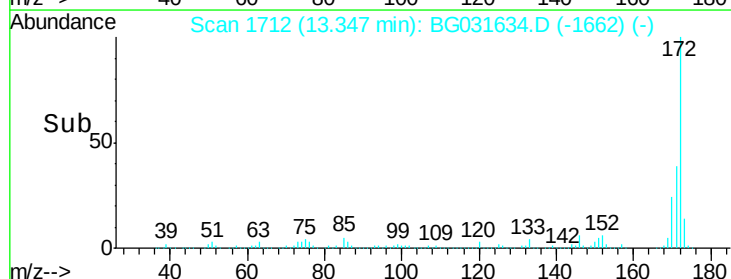


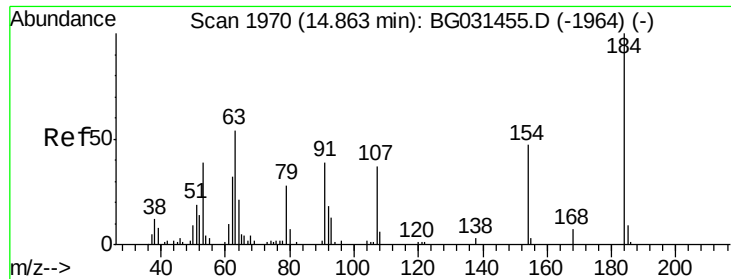
Abundance

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

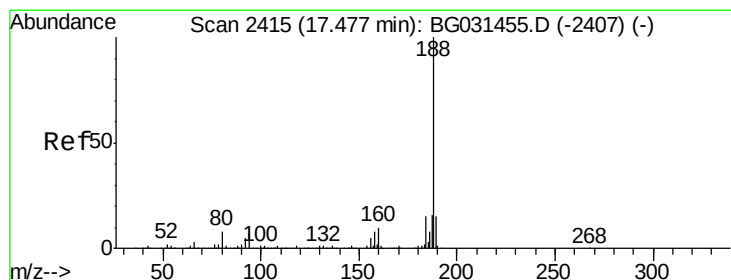
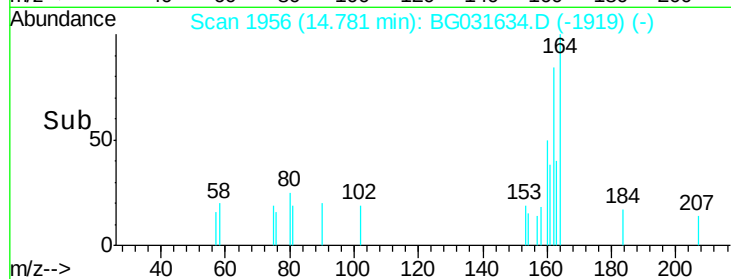
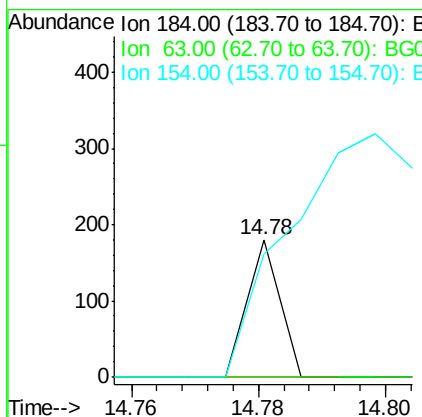
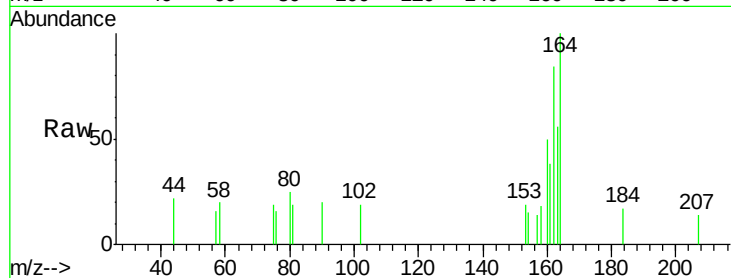




#53
 2,4-Dinitrophenol
 Concen: 9.083 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.08 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

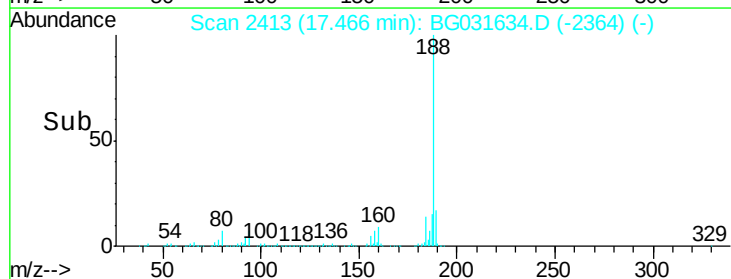
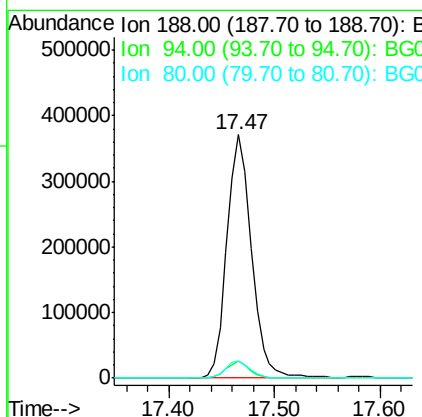
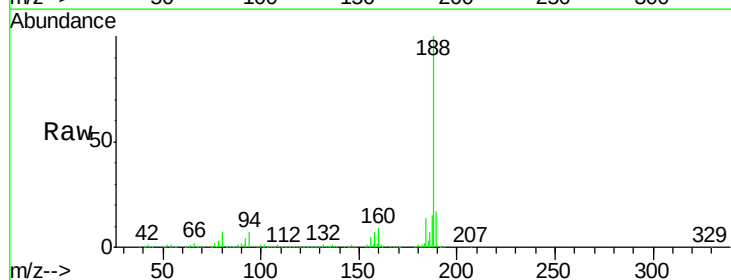
Instrument :
 BNA_G
 ClientSampled :

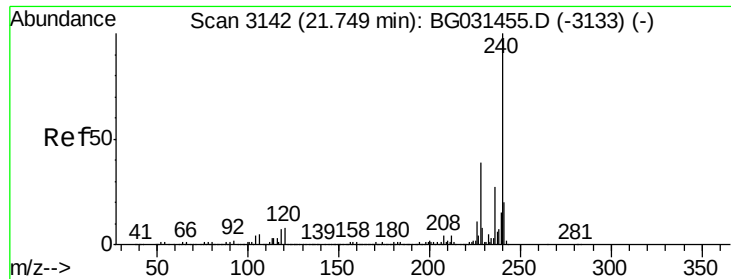
Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 90.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Tgt Ion:188 Resp: 599555
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Instrument :

BNA_G

ClientSampleId :

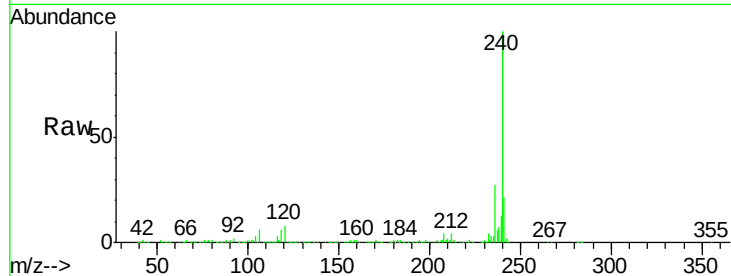
Tot Ion:240 Resp: 644040

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

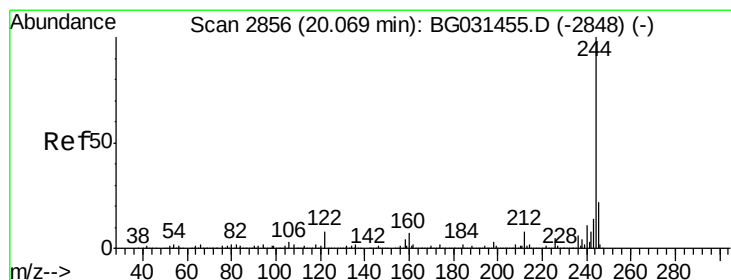
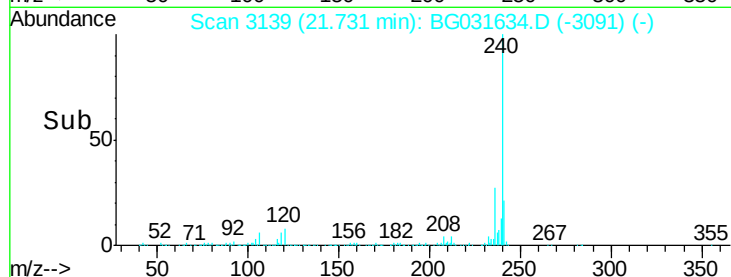
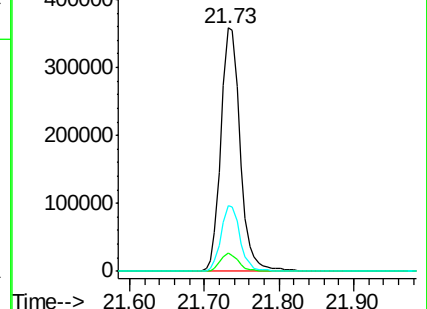
236 26.8 20.9 31.3



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: 84.501 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

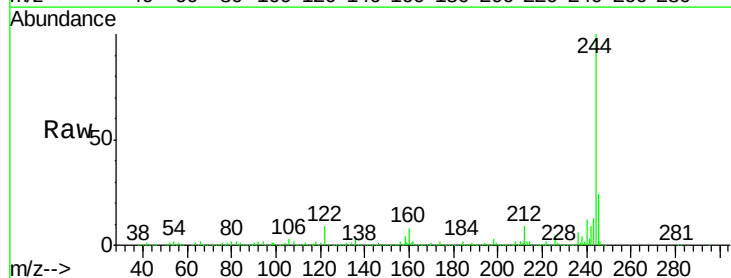
Tgt Ion:244 Resp: 2392006

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

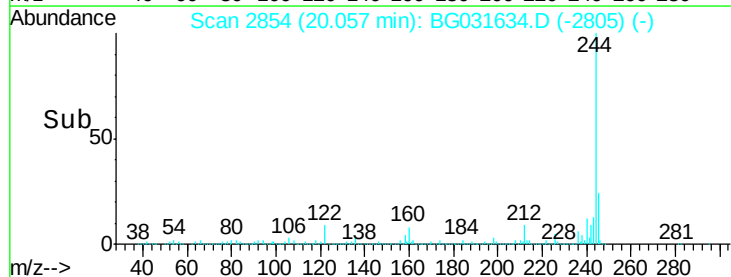
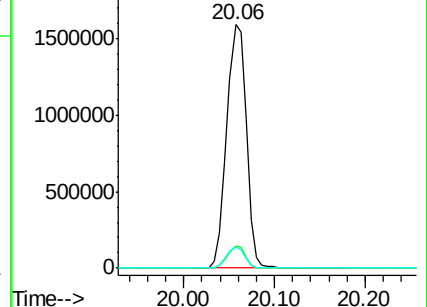
122 8.8 7.0 10.4

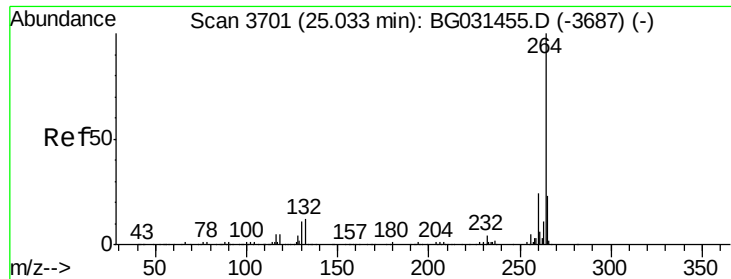


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.6	17.7	26.5

