

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036400.D
 Acq On : 24 Aug 2018 5:59
 Operator : JU/SJ
 Sample : J4522-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Aug 24 07:28:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

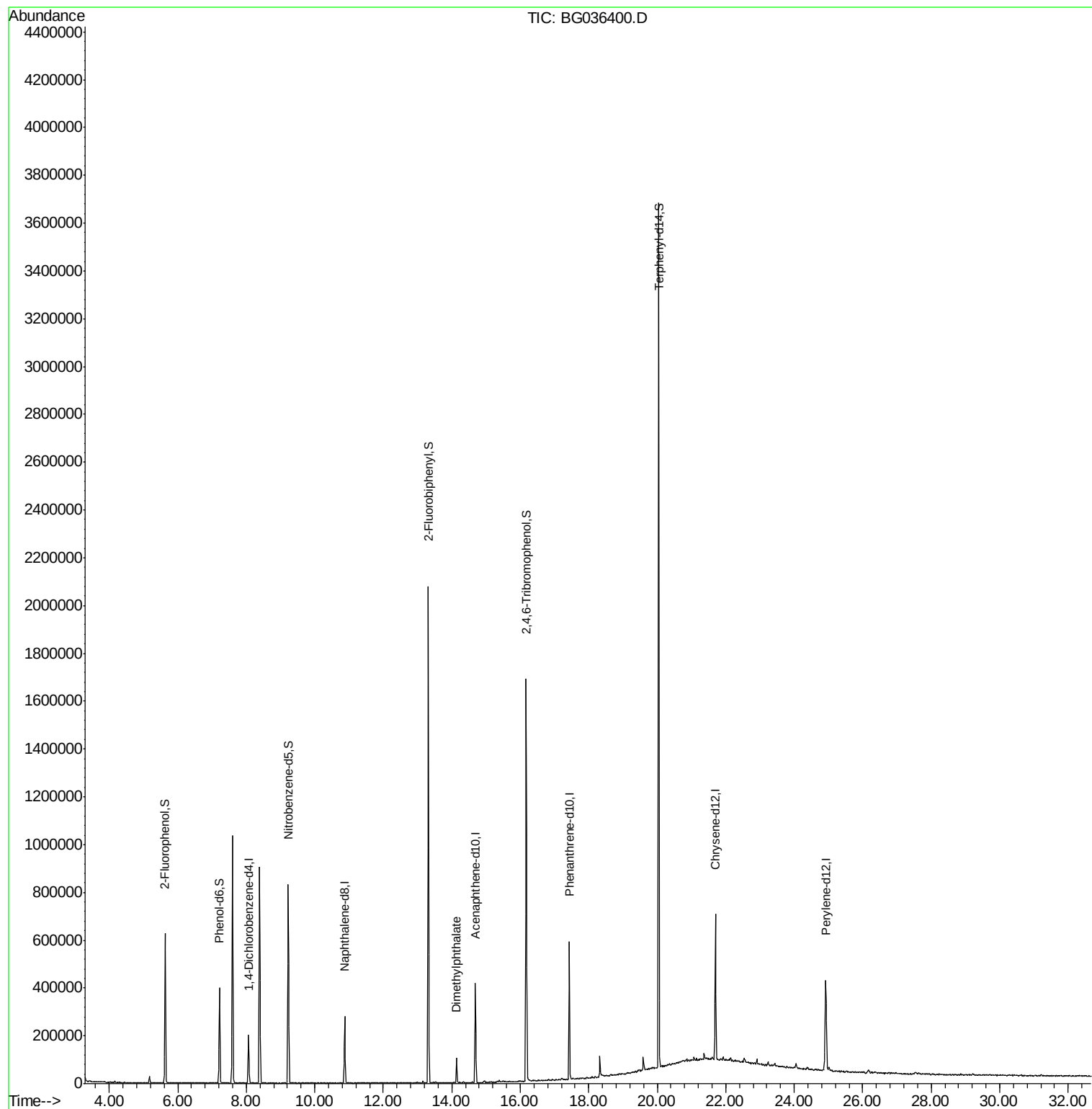
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	56108	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	232330	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	143476	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	357669	20.00	ng	0.00
75) Chrysene-d12	21.70	240	383448	20.00	ng	0.00
86) Perylene-d12	24.92	264	404516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	253890	71.78	ng	0.00
7) Phenol-d6	7.22	99	221948	43.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	487802	113.92	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	310145	181.16	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1065396	106.02	ng	0.00
78) Terphenyl-d14	20.04	244	1609213	98.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	67463	5.758	ng	Qvalue 99

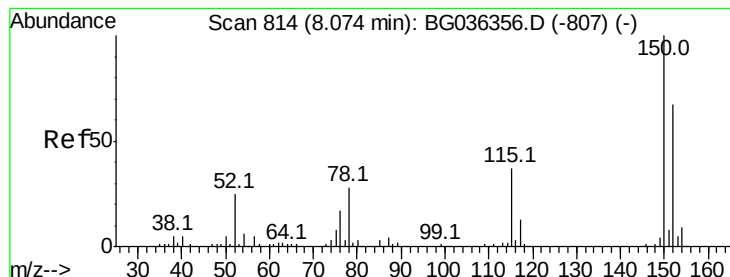
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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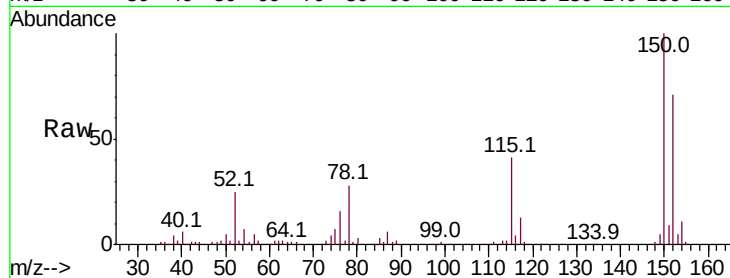


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	119.5	179.3
115	57.8	44.5	66.7

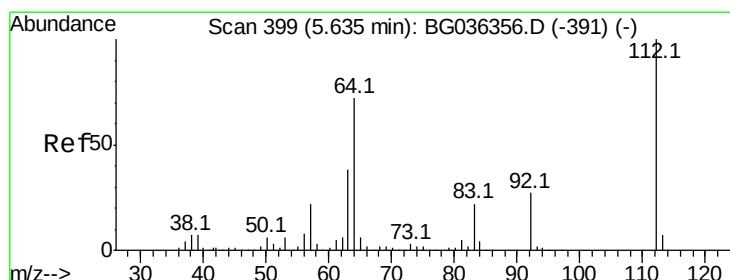
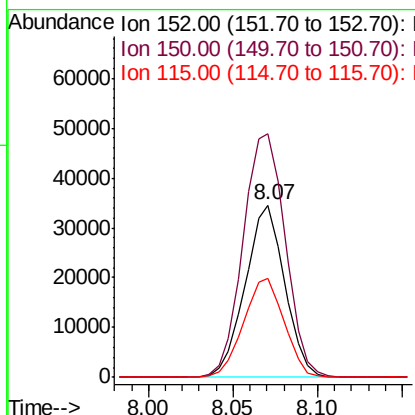
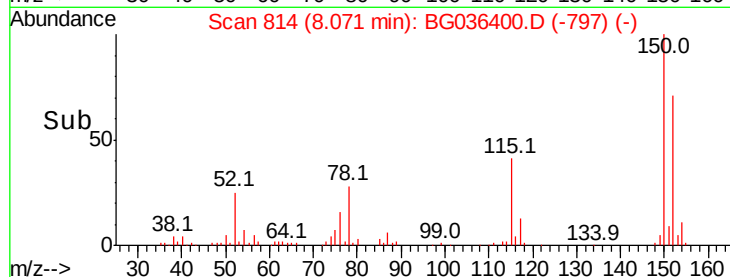


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

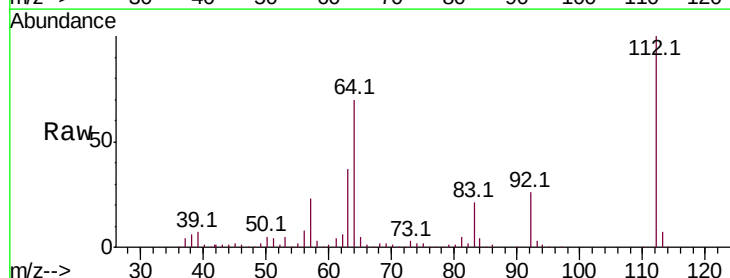
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 71.780 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	37.0	30.8	46.2

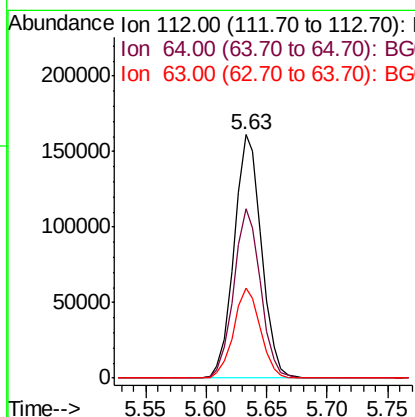
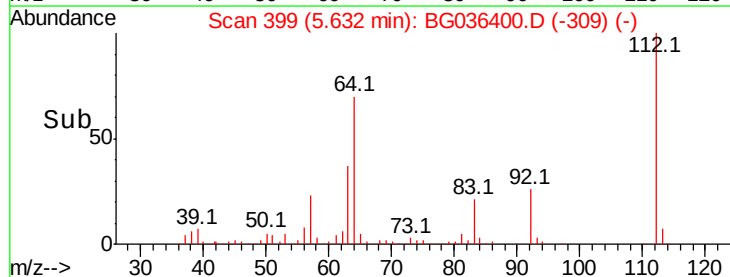


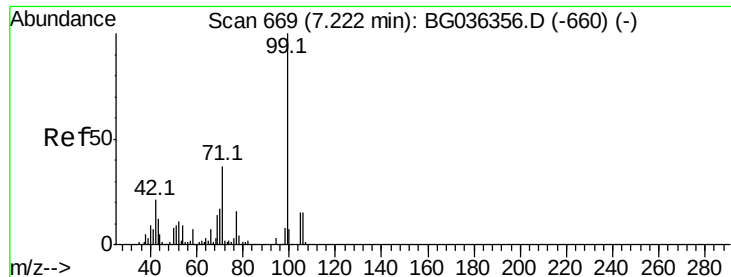
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 43.827 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036400.D

Acq: 24 Aug 2018 5:59

Instrument :

BNA_G

ClientSampleId :

MW-3

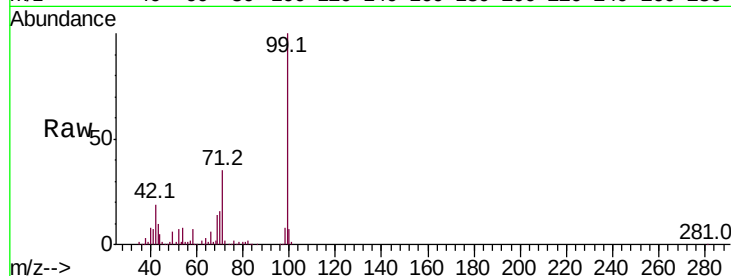
Tot Ion: 99 Resp: 221948

Ion Ratio Lower Upper

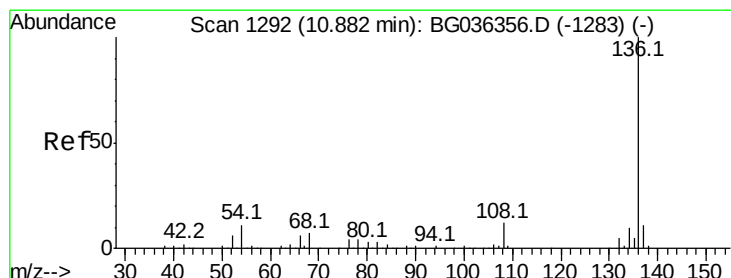
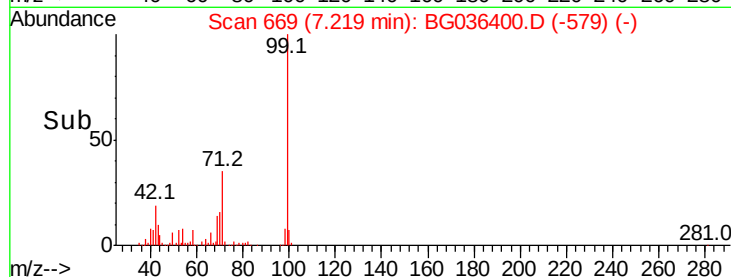
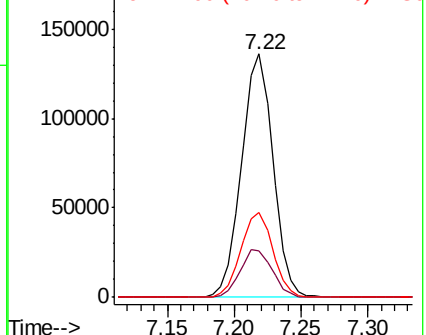
99 100

42 18.9 16.5 24.7

71 35.1 29.4 44.2



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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036400.D

Acq: 24 Aug 2018 5:59

Tgt Ion: 136 Resp: 232330

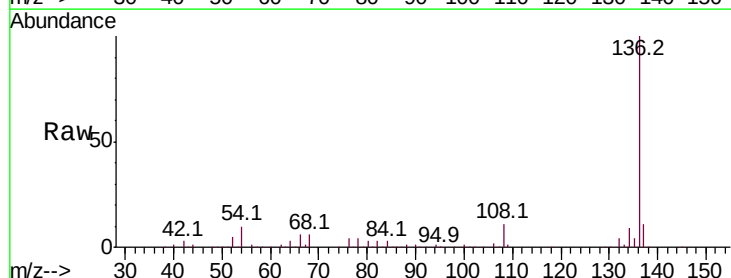
Ion Ratio Lower Upper

136 100

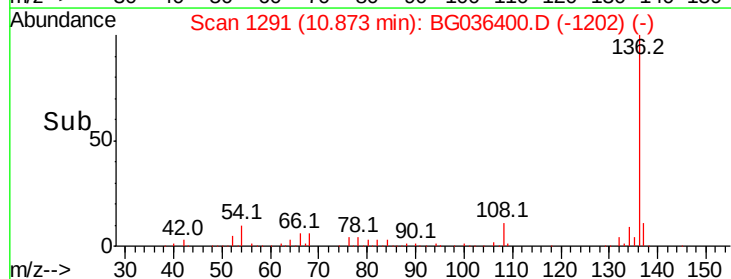
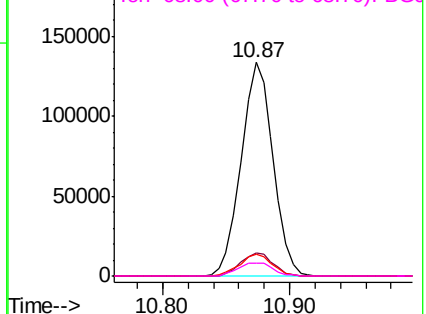
137 10.9 8.8 13.2

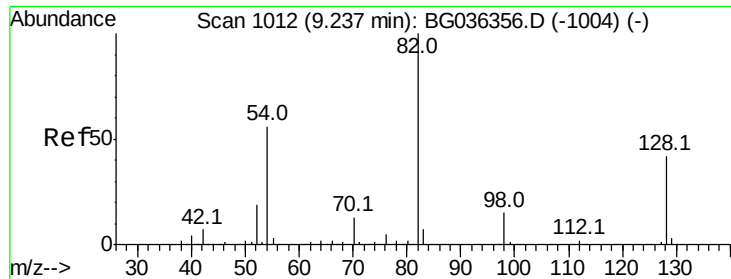
54 10.4 9.2 13.8

68 6.0 5.8 8.6



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

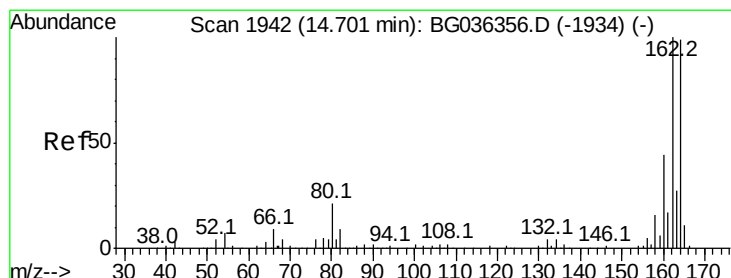
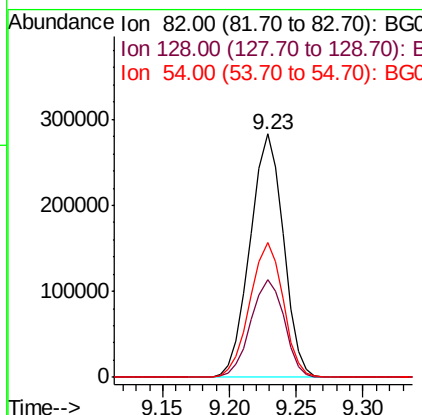
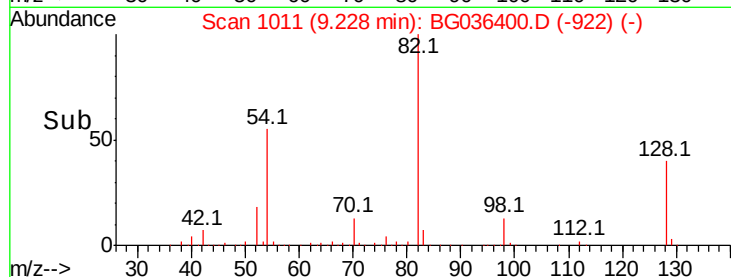
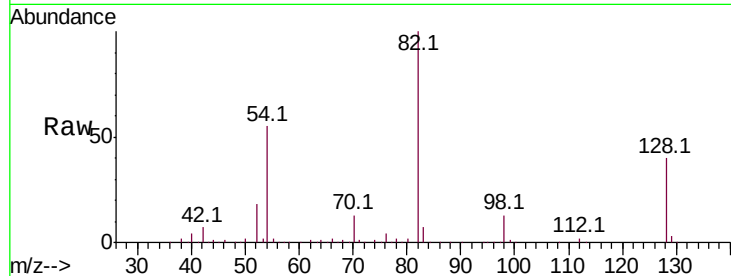




#23
 Nitrobenzene-d5
 Concen: 113.918 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

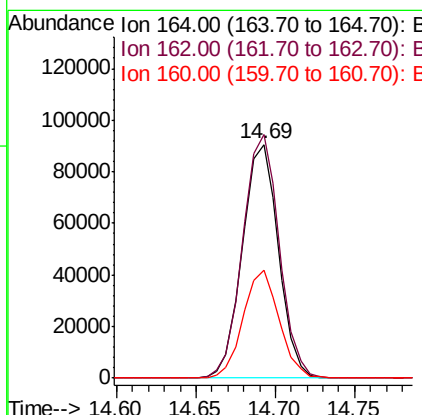
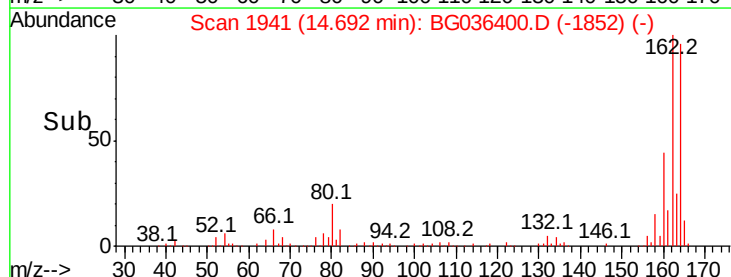
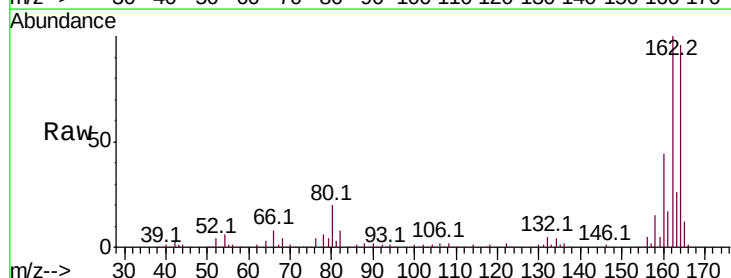
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

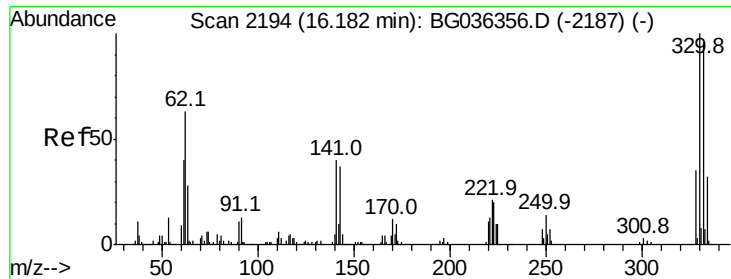
Tot Ion: 82 Resp: 487802
 Ion Ratio Lower Upper
 82 100
 128 40.0 33.3 49.9
 54 55.5 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

Tgt Ion:164 Resp: 143476
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.7 121.1
 160 46.3 35.3 52.9

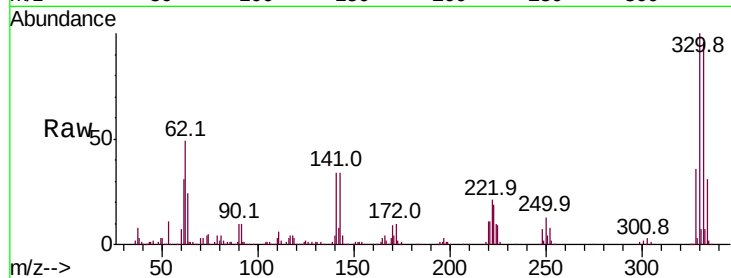




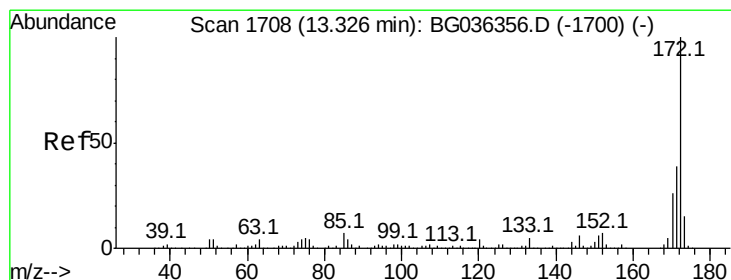
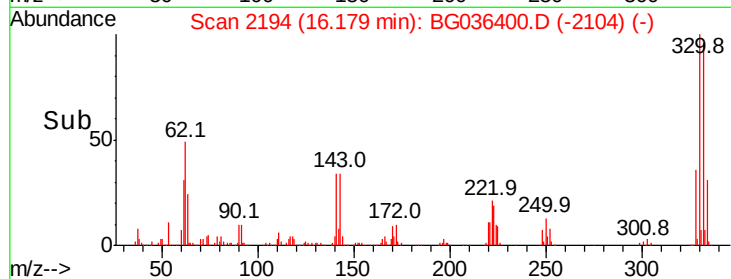
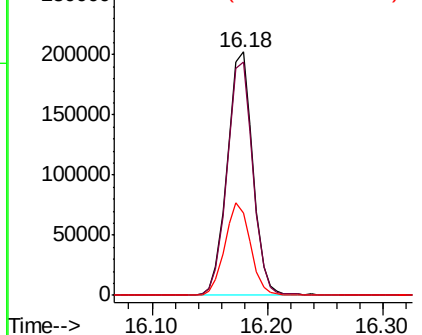
#41
 2,4,6-Tribromophenol
 Concen: 181.161 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

Instrument :
 BNA_G
 ClientSampled :
 MW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	38.1	30.7	46.1

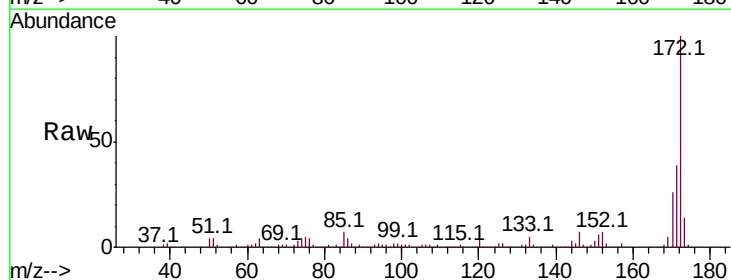


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

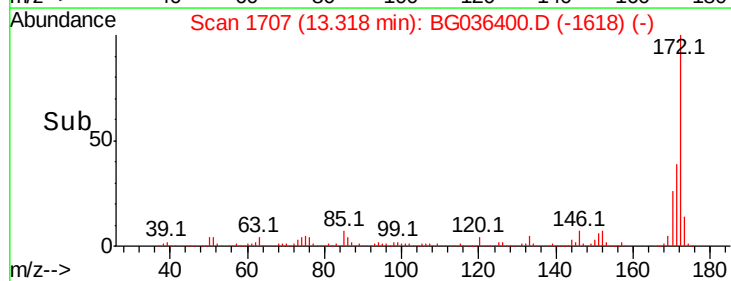
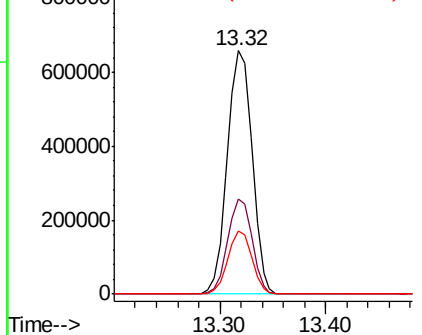


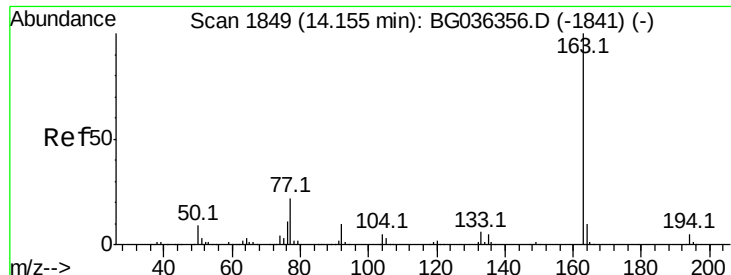
#44
 2-Fluorobiphenyl
 Concen: 106.024 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036400.D
 Acq: 24 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.8	21.0	31.6



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

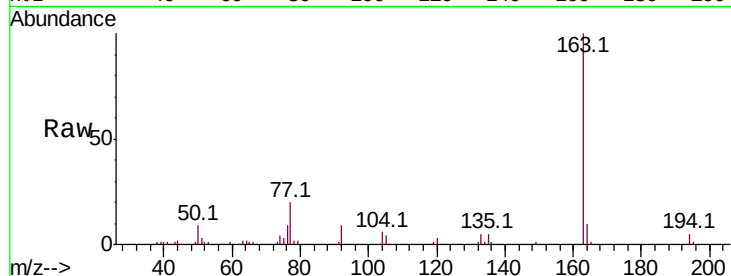




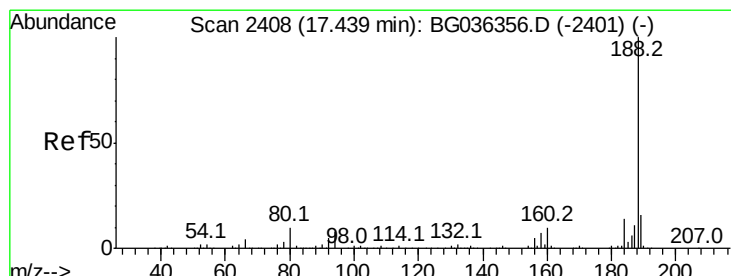
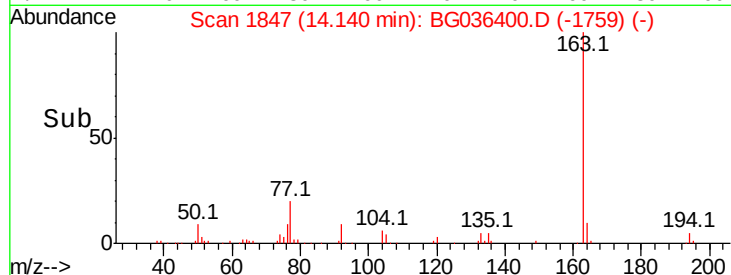
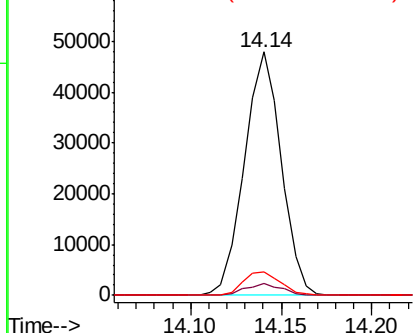
#49
Dimethylphthalate
Concen: 5.758 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036400.D
Acq: 24 Aug 2018 5:59

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	9.6	8.1	12.1

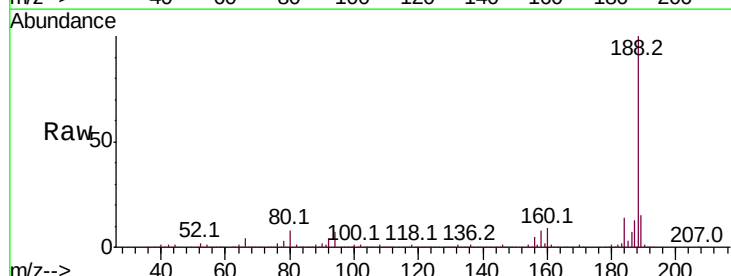


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

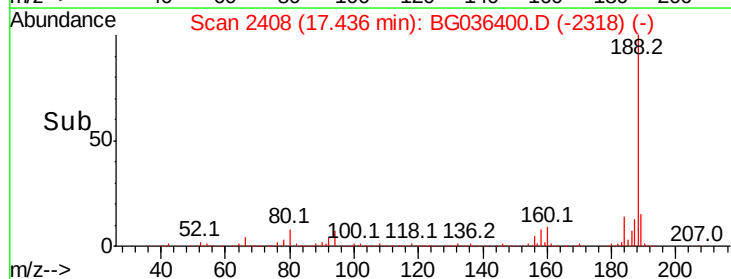
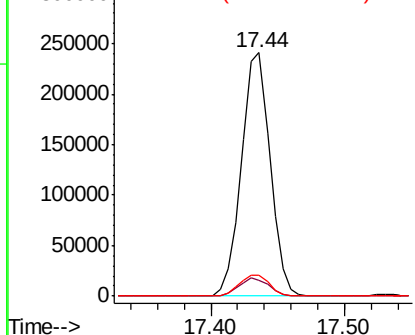


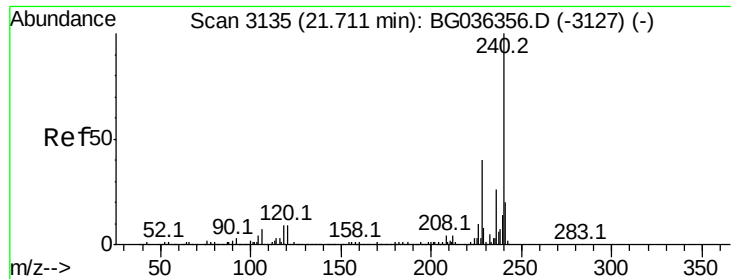
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036400.D
Acq: 24 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.7	10.1#
80	8.4	8.1	12.1



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: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036400.D

Acq: 24 Aug 2018 5:59

Instrument :

BNA_G

ClientSampleId :

MW-3

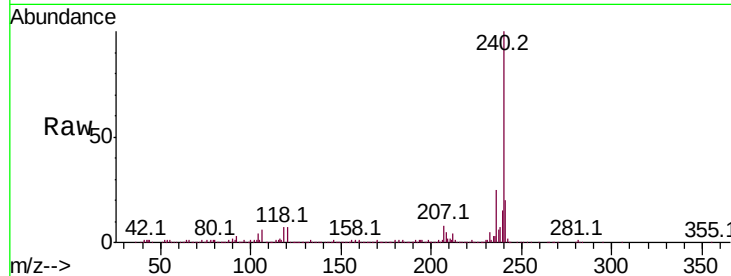
Tot Ion:240 Resp: 383448

Ion Ratio Lower Upper

240 100

120 7.2 6.9 10.3

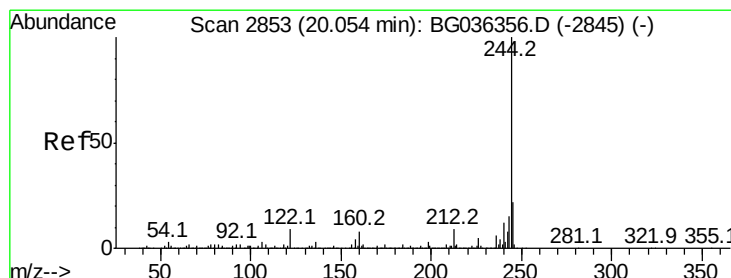
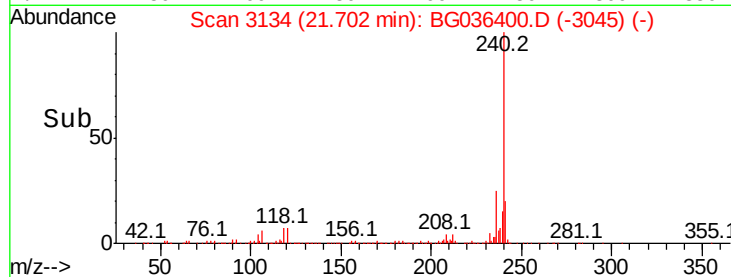
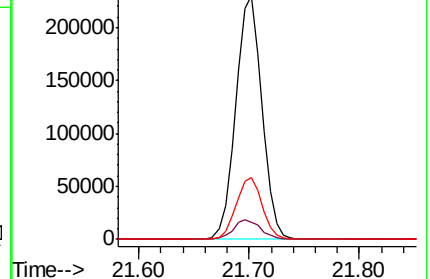
236 25.3 21.2 31.8



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: 98.091 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036400.D

Acq: 24 Aug 2018 5:59

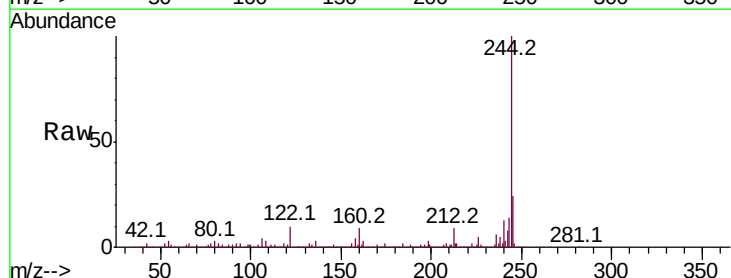
Tgt Ion:244 Resp: 1609213

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

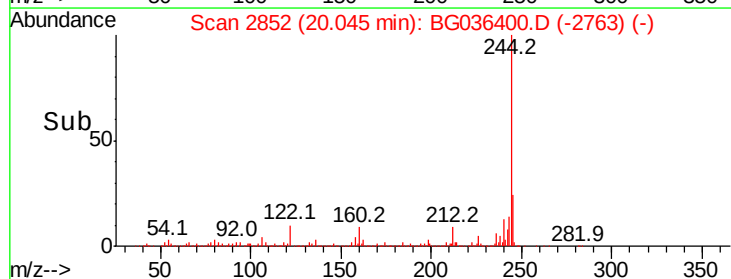
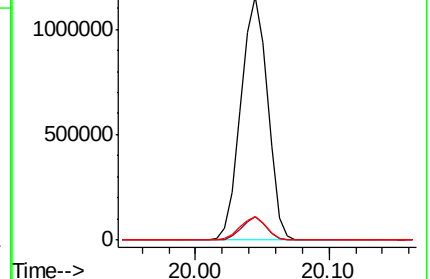
122 9.6 7.1 10.7

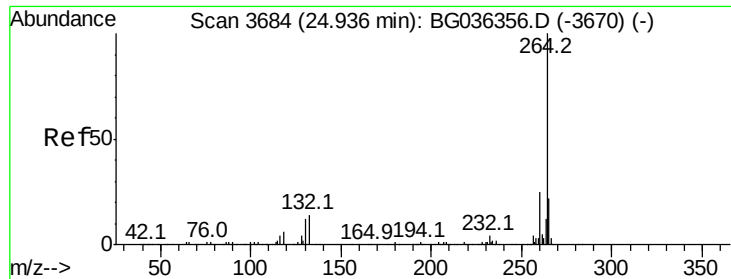


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

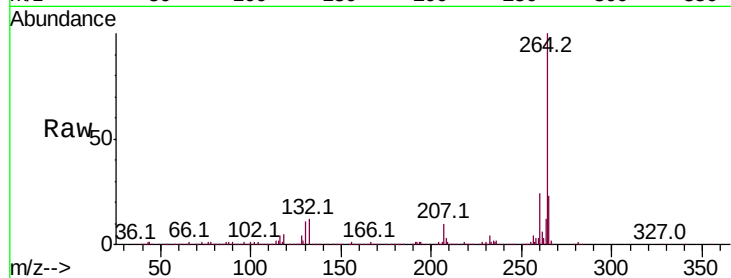




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG036400.D
Acq: 24 Aug 2018 5:59

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:	264	Resp:	404516
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.6	17.4	26.0



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

