

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036452.D
 Acq On : 28 Aug 2018 5:45
 Operator : JU/SJ
 Sample : J4584-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-WC-S-1-0-52

Quant Time: Aug 28 07:25:54 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	59420	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	244556	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	157238	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	405369	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	449083	20.00	ng	-0.02
86) Perylene-d12	24.91	264	441445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	411022	109.73	ng	0.00
7) Phenol-d6	7.22	99	513978	95.84	ng	0.00
23) Nitrobenzene-d5	9.23	82	377176	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	253158	134.93	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	876518	79.59	ng	-0.01
78) Terphenyl-d14	20.04	244	1555642	80.97	ng	-0.01

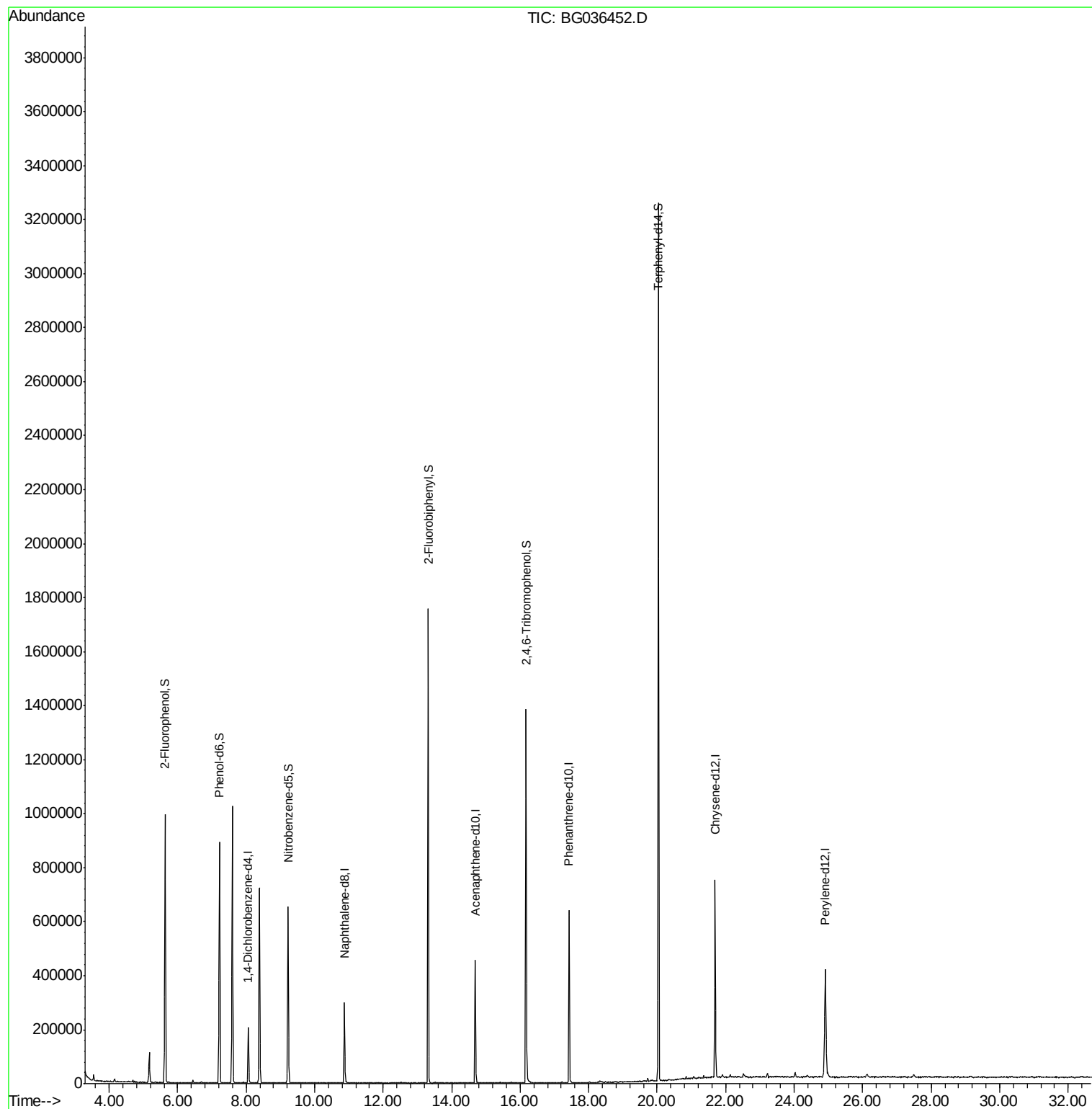
Target Compounds Qvalue

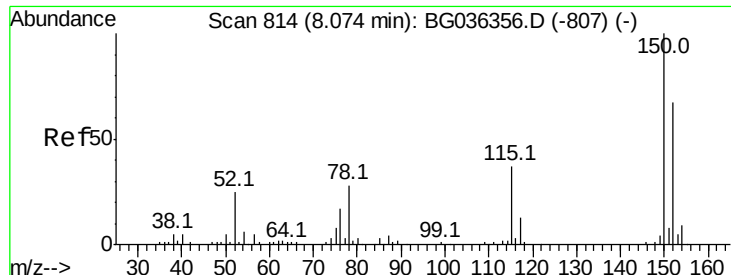
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



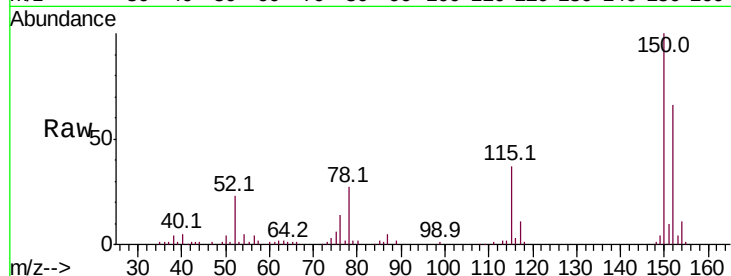


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-WC-S-1-0-52

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	55.9	44.5	66.7

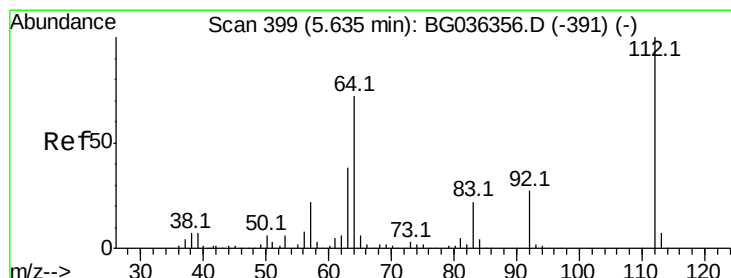
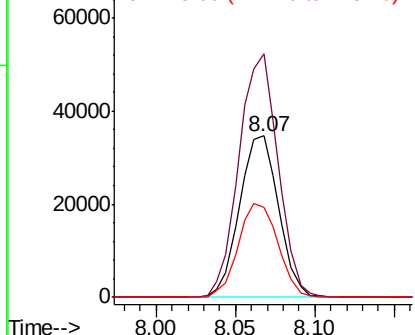
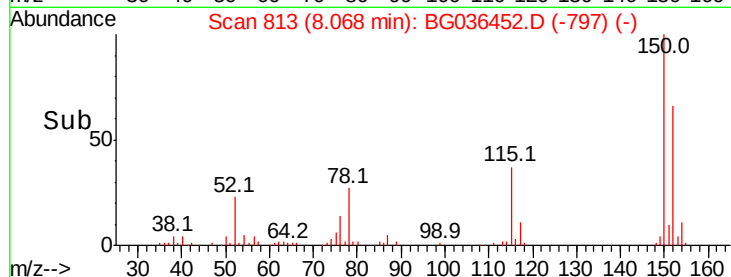


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

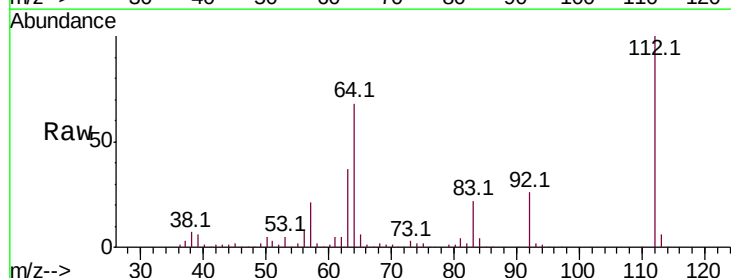
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.728 ng
 RT: 5.64 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	36.7	30.8	46.2

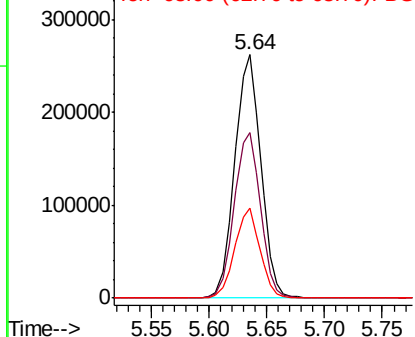
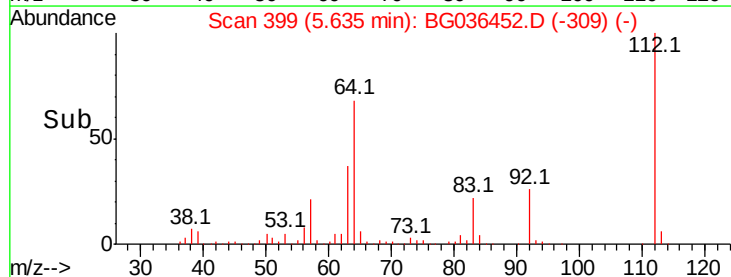


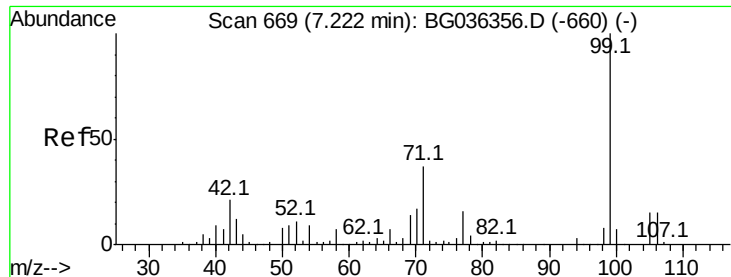
Abundance

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: 95.836 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

Instrument :

BNA_G

ClientSampleId :

TOD1-WC-S-1-0-52

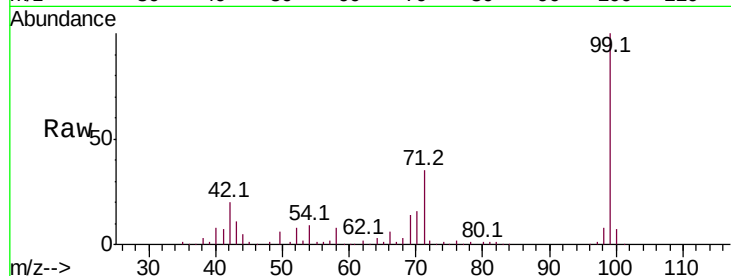
Tot Ion: 99 Resp: 513978

Ion Ratio Lower Upper

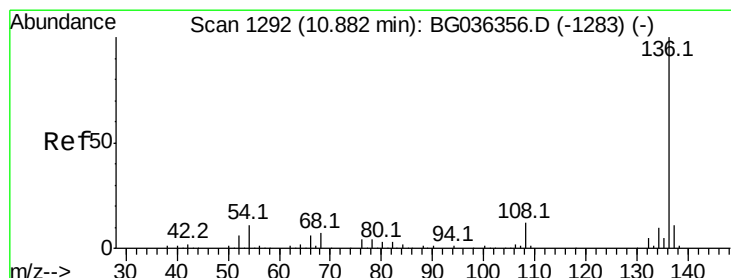
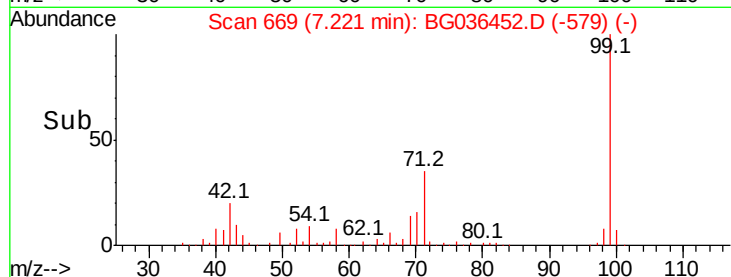
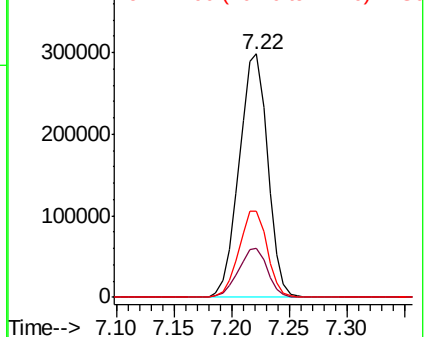
99 100

42 20.3 16.5 24.7

71 35.2 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# 1290

Delta R.T. -0.01 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

Tgt Ion: 136 Resp: 244556

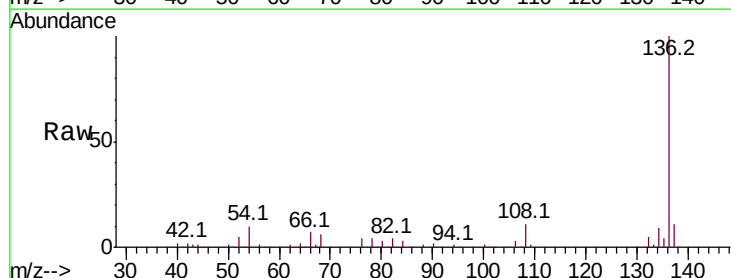
Ion Ratio Lower Upper

136 100

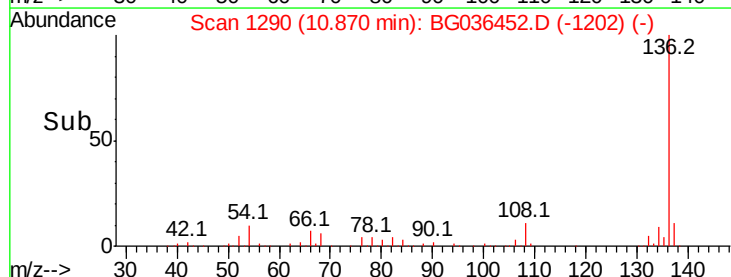
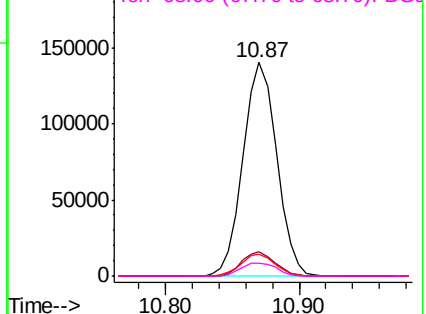
137 11.4 8.8 13.2

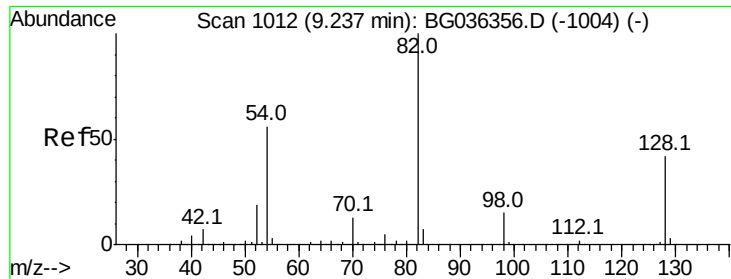
54 10.2 9.2 13.8

68 6.1 5.8 8.6



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

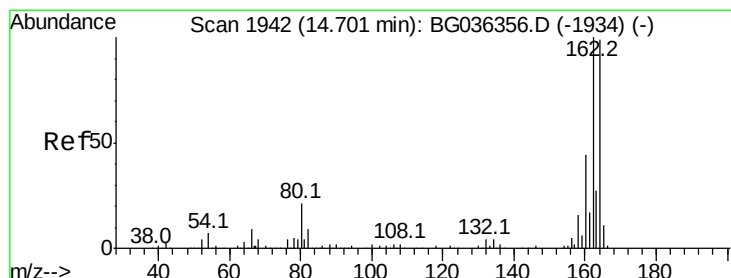
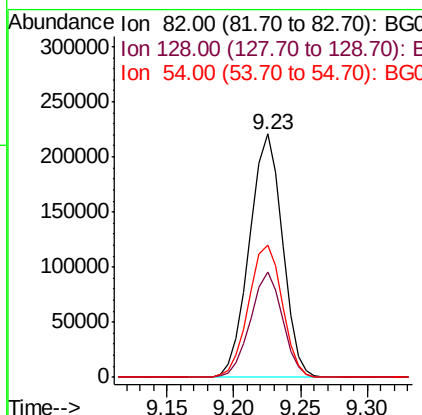
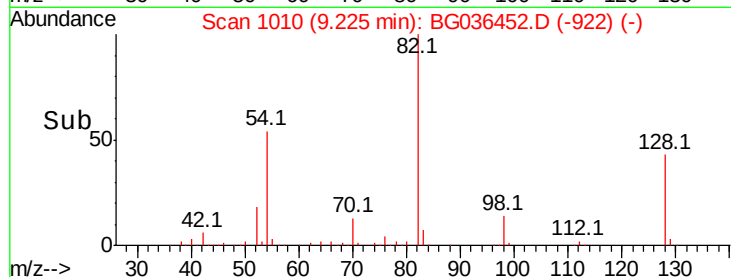
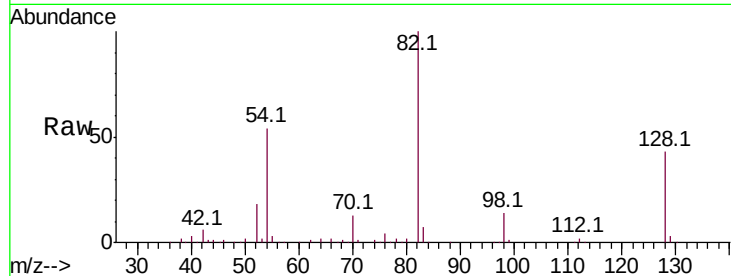




#23
 Nitrobenzene-d5
 Concen: 83.680 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

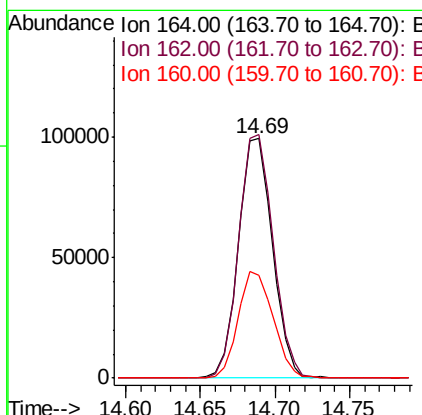
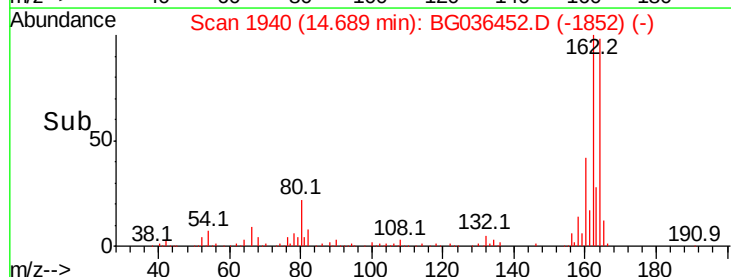
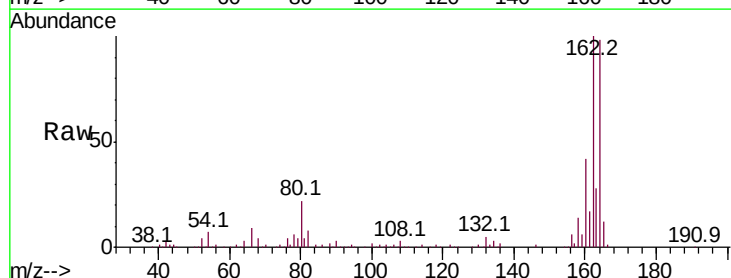
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-WC-S-1-0-52

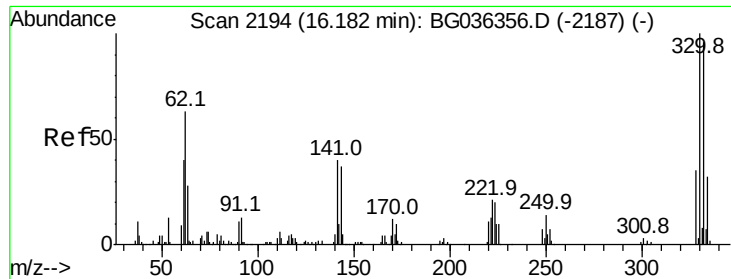
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	54.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	43.0	35.3	52.9

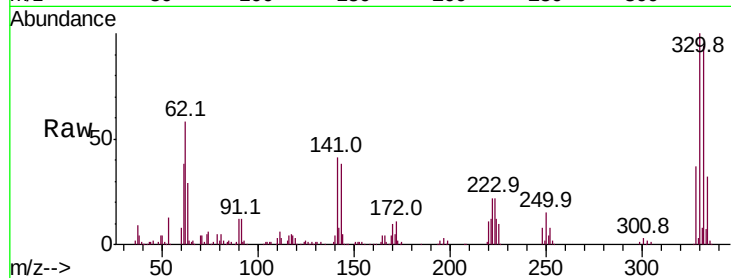




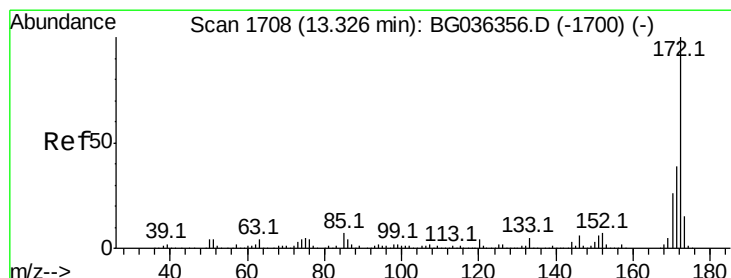
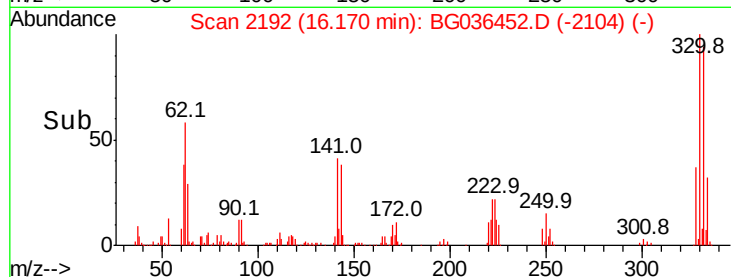
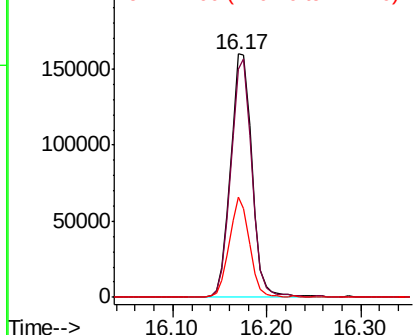
#41
 2,4,6-Tribromophenol
 Concen: 134.931 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-WC-S-1-0-52

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.9	30.7	46.1

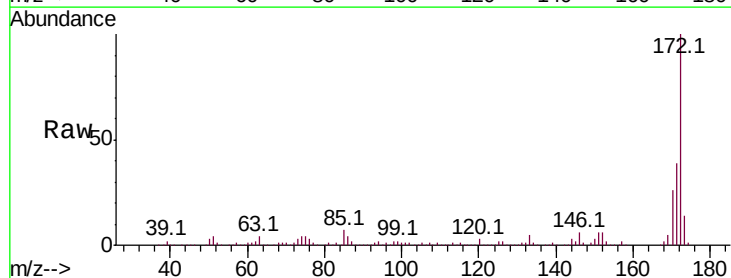


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

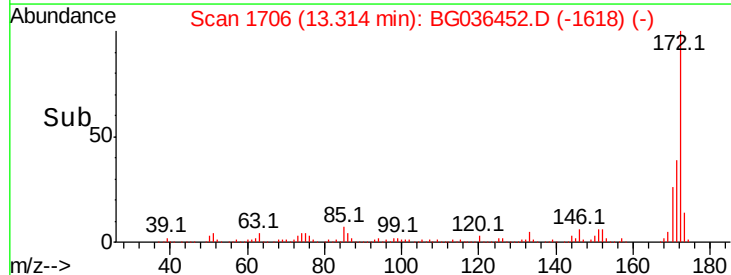
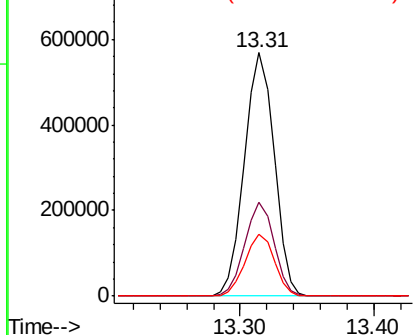


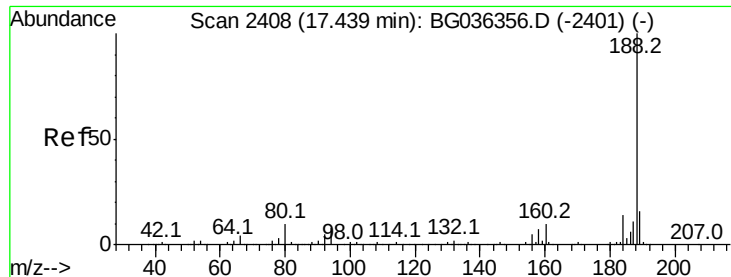
#44
 2-Fluorobiphenyl
 Concen: 79.593 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.6	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

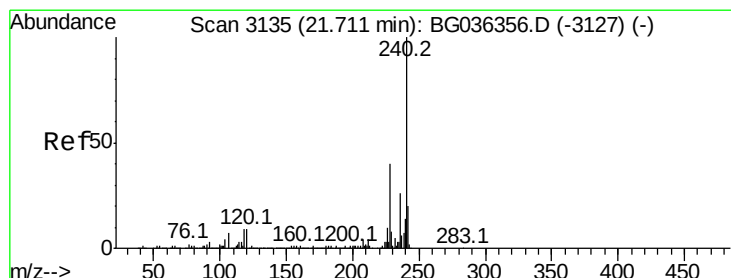
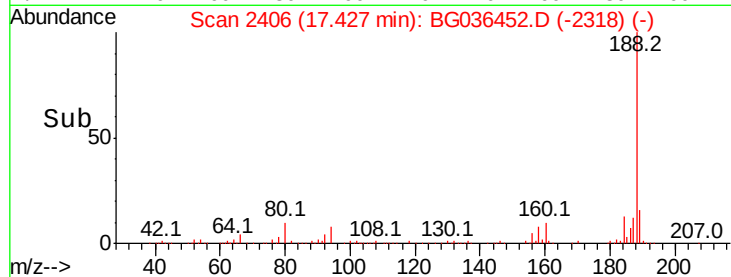
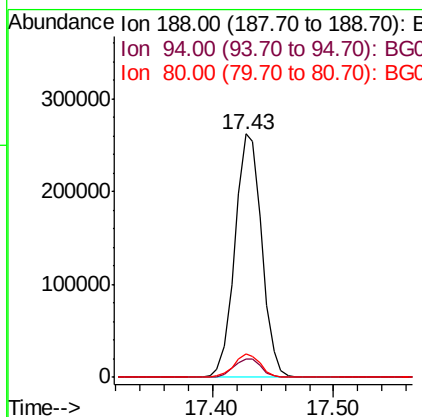
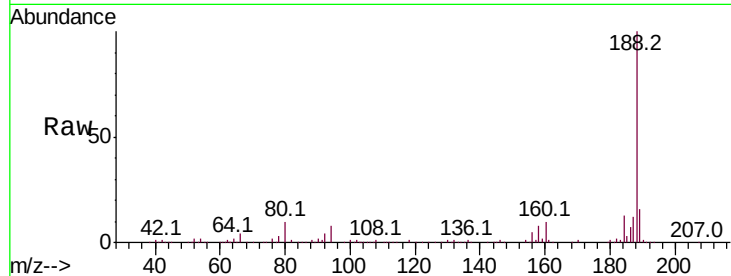




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

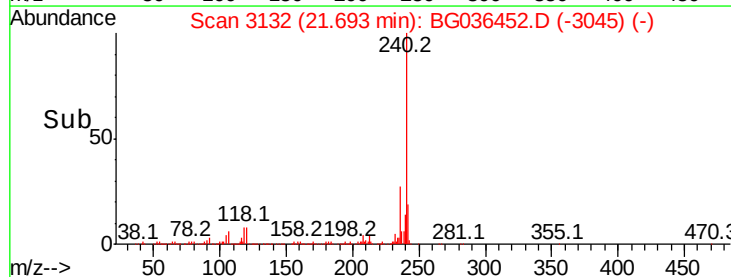
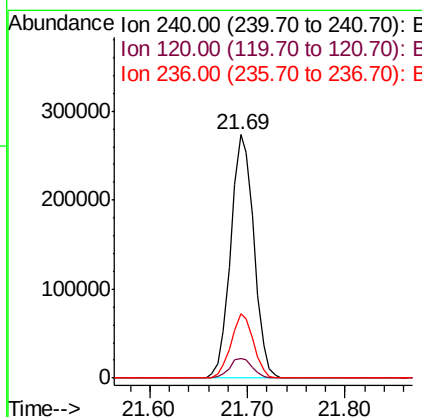
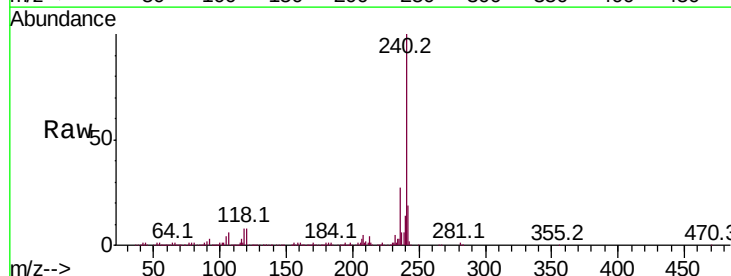
Instrument :
BNA_G
ClientSampleId :
TOD1-WC-S-1-0-52

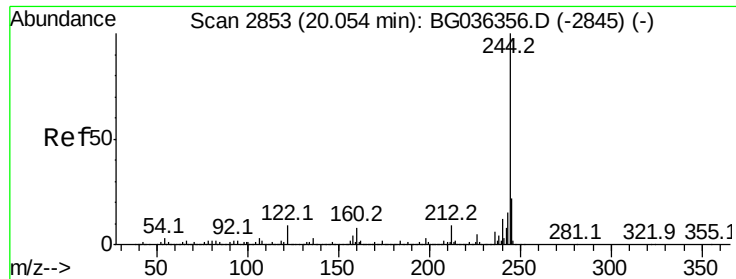
Tot Ion:188 Resp: 405369
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Tgt Ion:240 Resp: 449083
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.6 21.2 31.8





#78

Terphenyl-d14

Concen: 80.966 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

Instrument :

BNA_G

ClientSampleId :

TOD1-WC-S-1-0-52

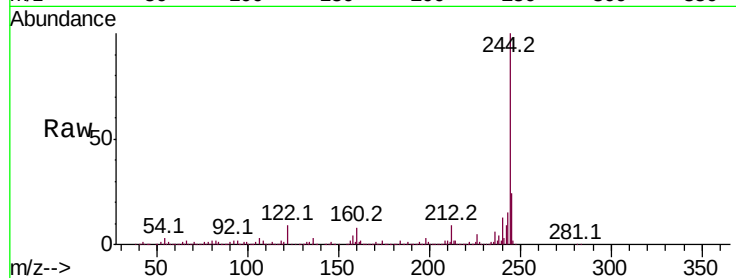
Tot Ion:244 Resp: 1555642

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7

244 100

212 8.9 7.0 10.6

122 9.0 7.1 10.7

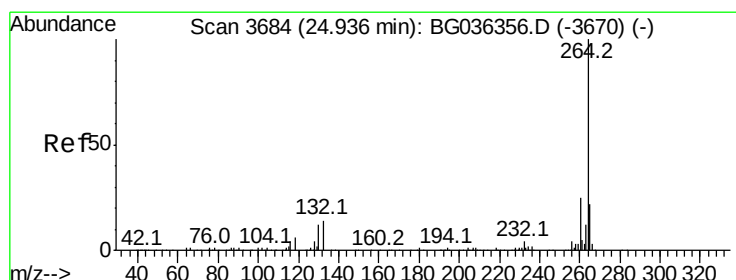
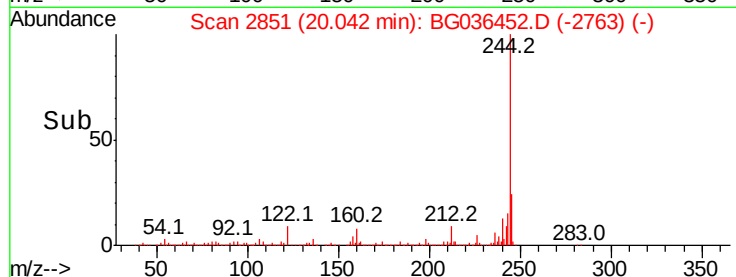
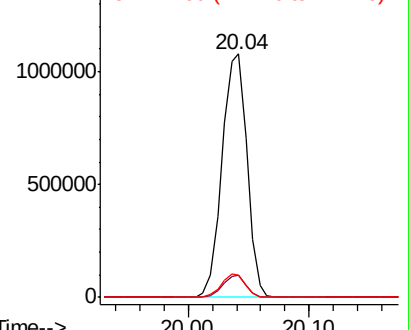


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

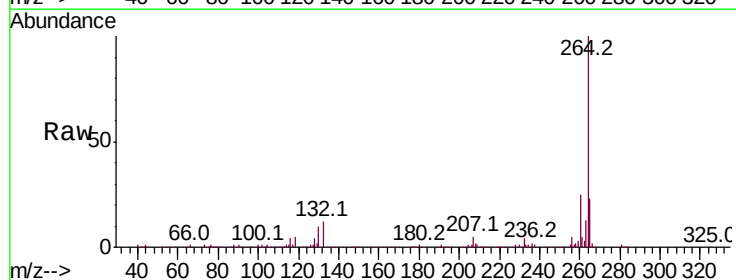
Tgt Ion:264 Resp: 441445

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.8	17.4	26.0

264 100

260 24.7 19.6 29.4

265 22.8 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

