

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036955.D
 Acq On : 25 Sep 2018 18:58
 Operator : JU/SJ
 Sample : J5061-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Quant Time: Sep 26 01:55:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

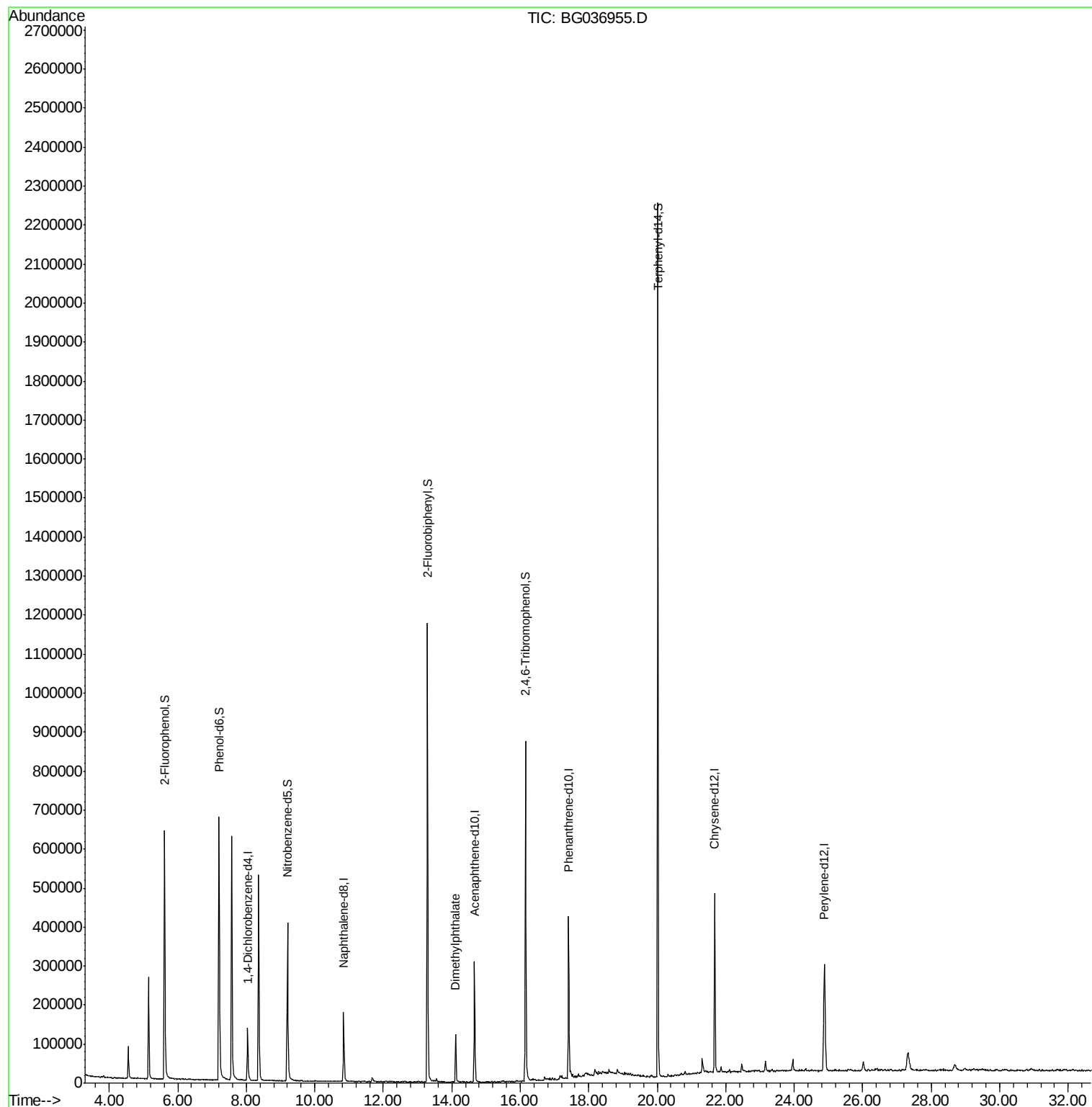
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42641	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169146	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116332	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	292174	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301440	20.00	ng	-0.01
86) Perylene-d12	24.88	264	305873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285655	128.47	ng	0.00
7) Phenol-d6	7.20	99	445564	129.52	ng	-0.01
23) Nitrobenzene-d5	9.21	82	289122	91.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	172824	124.17	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666049	85.27	ng	-0.01
78) Terphenyl-d14	20.02	244	1106762	96.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	91651	9.788	ng	Qvalue 97

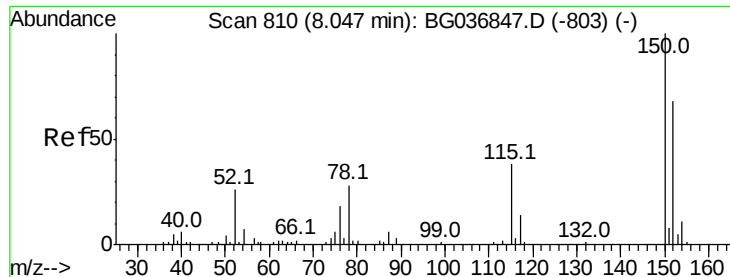
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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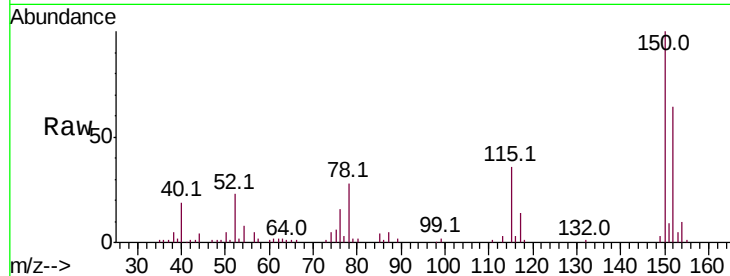


#1

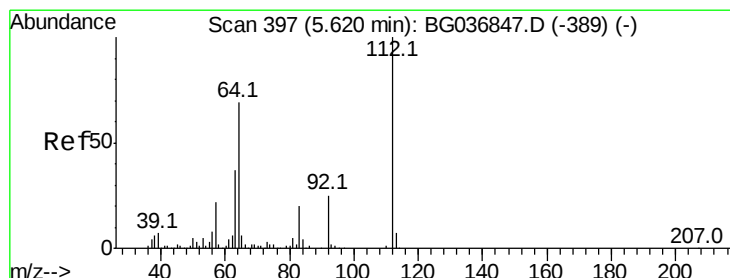
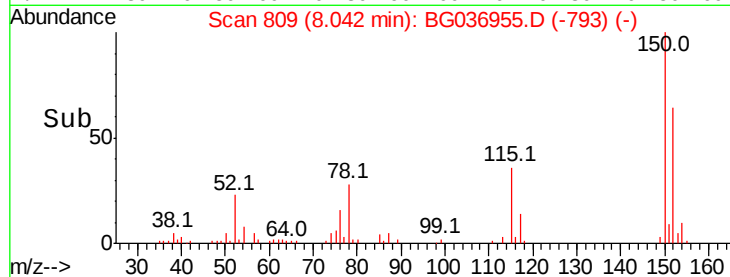
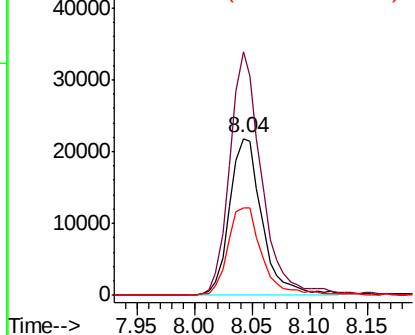
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	55.4	44.5	66.7



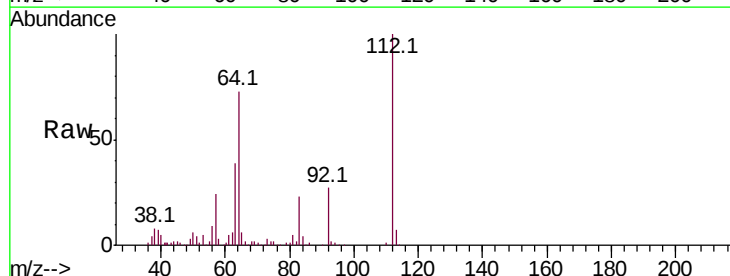
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



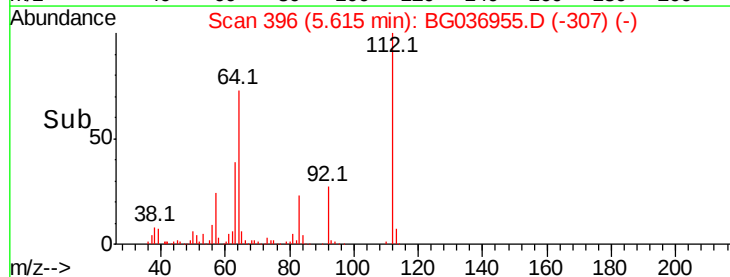
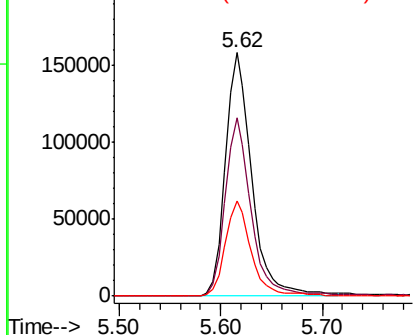
#5

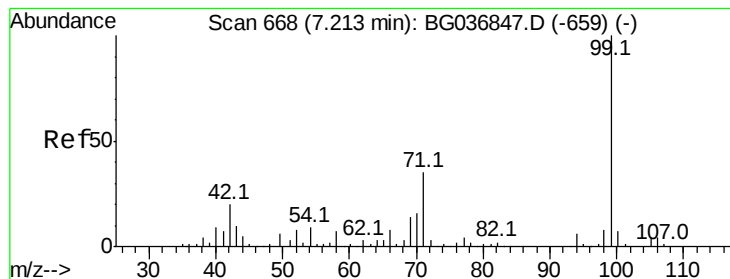
2-Fluorophenol
 Concen: 128.474 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	57.2	85.8
63	39.3	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: 129.522 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Instrument :

BNA_G

ClientSampled :

230-KV-A

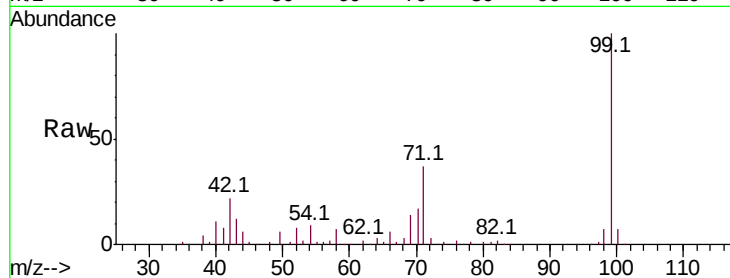
Tot Ion: 99 Resp: 445564

Ion Ratio Lower Upper

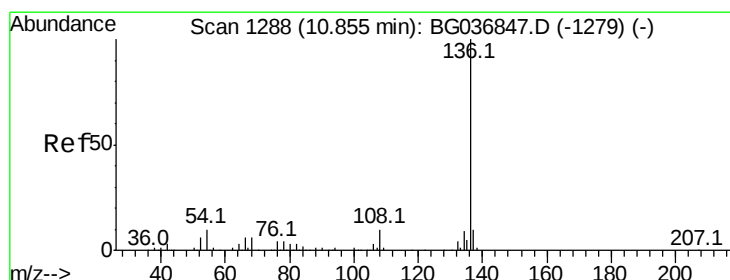
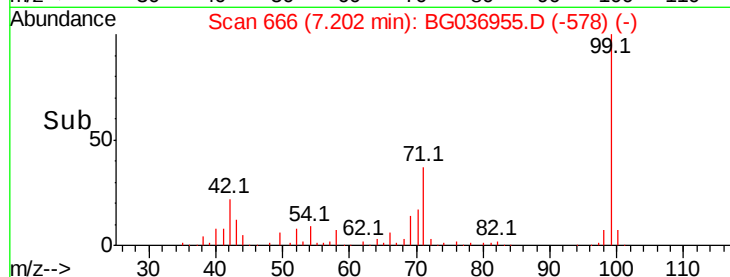
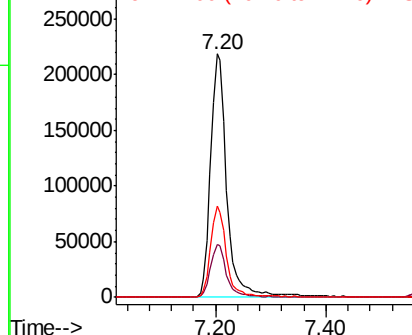
99 100

42 21.8 16.5 24.7

71 37.3 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Tgt Ion: 136 Resp: 169146

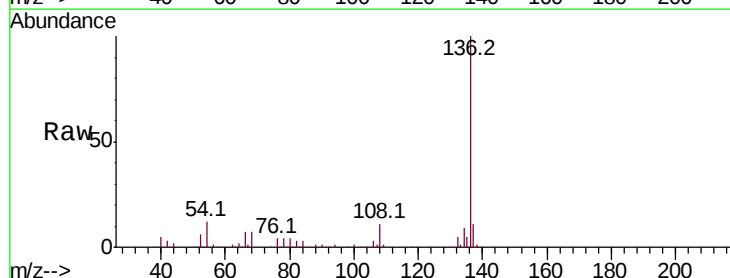
Ion Ratio Lower Upper

136 100

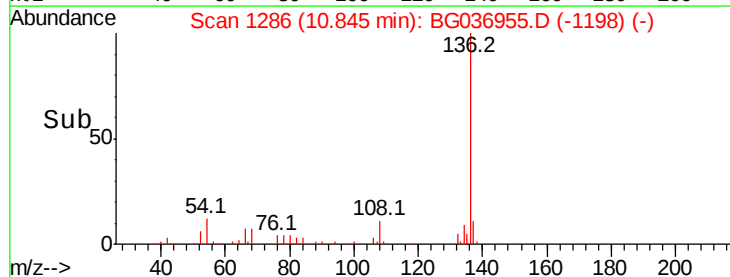
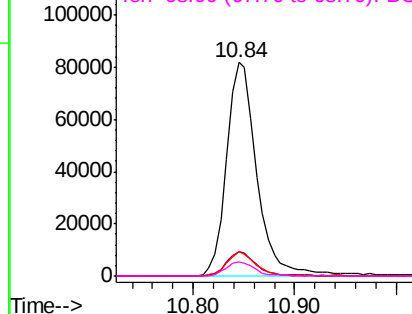
137 11.1 8.8 13.2

54 11.5 9.2 13.8

68 6.8 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

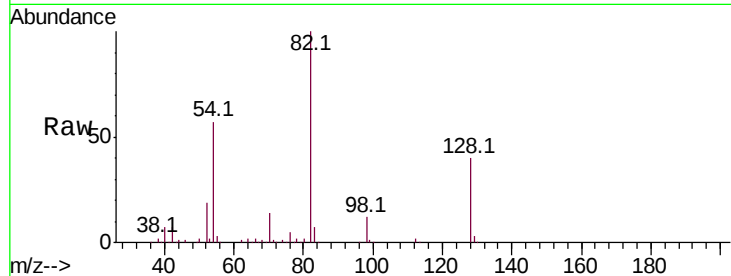




#23
 Nitrobenzene-d5
 Concen: 91.535 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

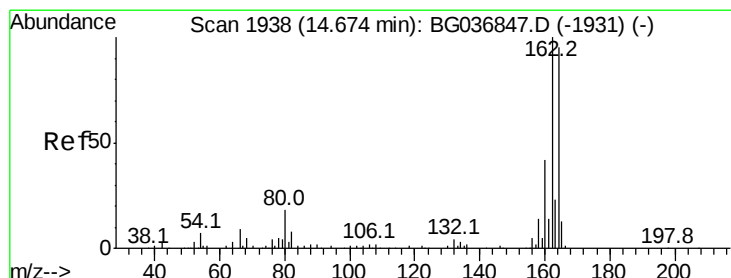
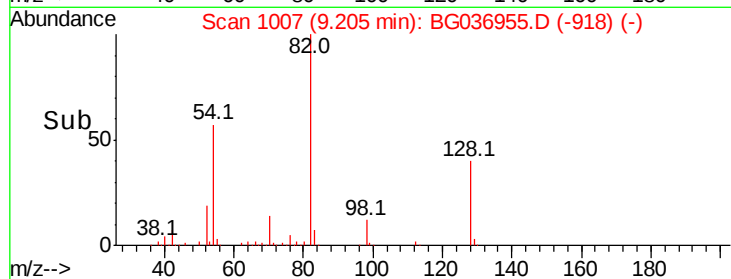
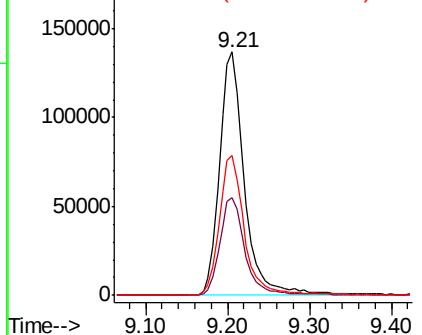
Tot Ion	82	Resp	289122
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.3	49.9
54	57.4	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG036847.D (-1000) (-)

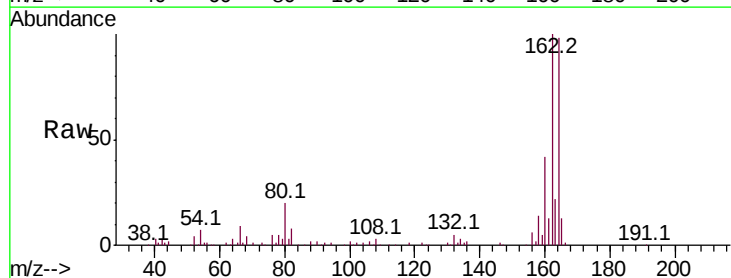
Ion 128.00 (127.70 to 128.70): BG036847.D (-1000) (-)

Ion 54.00 (53.70 to 54.70): BG036847.D (-1000) (-)



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

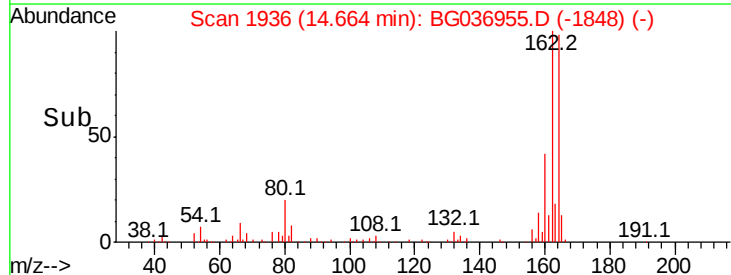
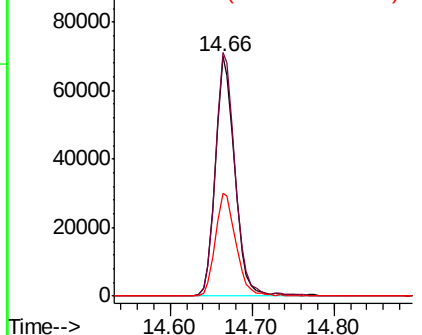
Tgt Ion	164	Resp	116332
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.7	121.1
160	42.8	35.3	52.9

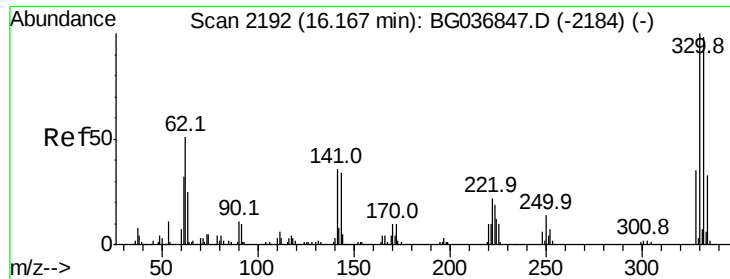


Abundance Ion 164.00 (163.70 to 164.70): BG036847.D (-1931) (-)

Ion 162.00 (161.70 to 162.70): BG036847.D (-1931) (-)

Ion 160.00 (159.70 to 160.70): BG036847.D (-1931) (-)

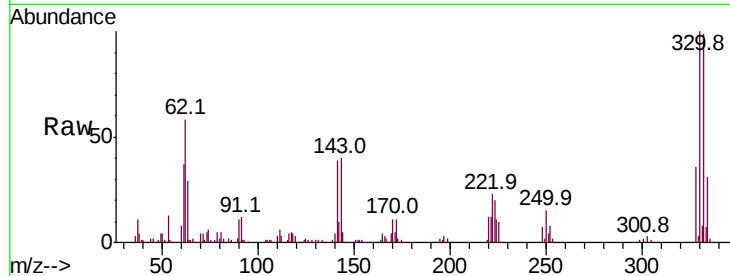




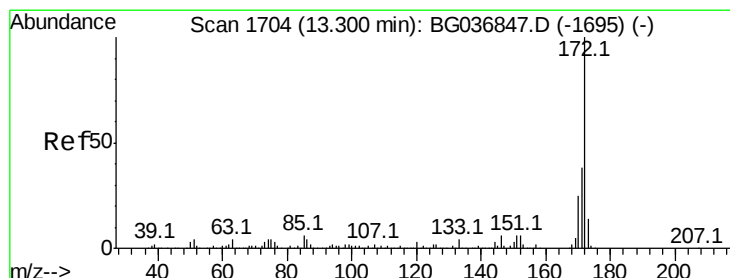
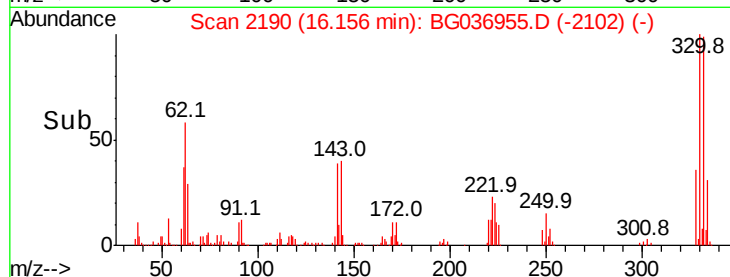
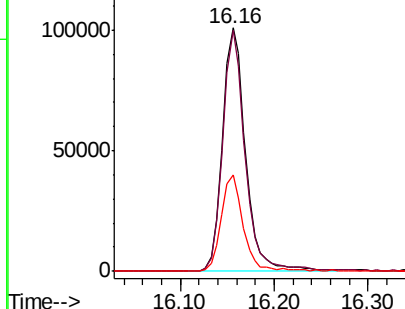
#41
 2,4,6-Tribromophenol
 Concen: 124.169 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampled :
 230-KV-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	38.1	30.7	46.1

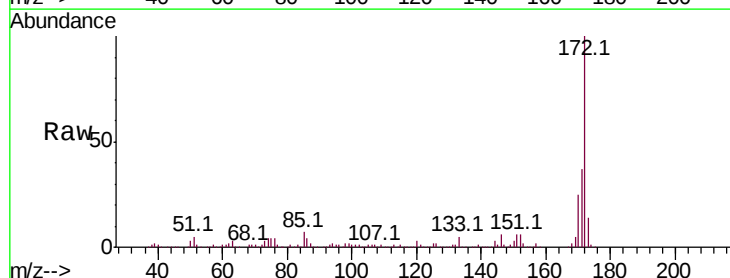


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

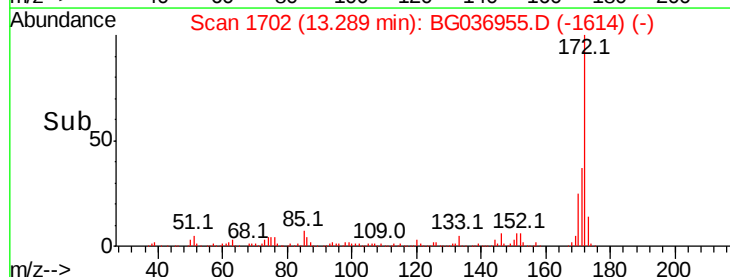
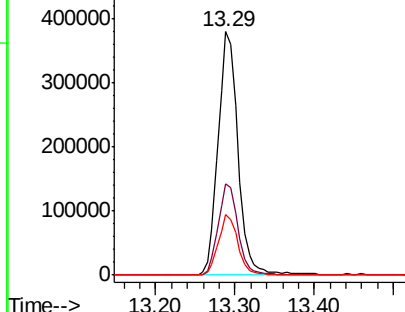


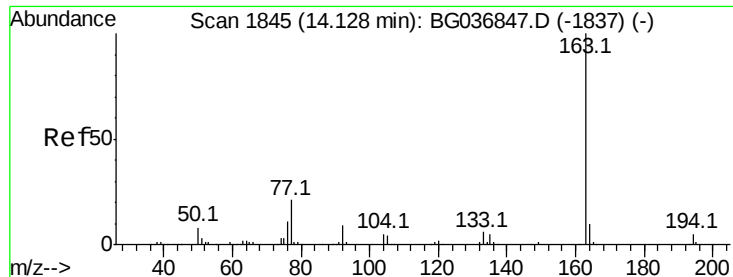
#44
 2-Fluorobiphenyl
 Concen: 85.274 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.7	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

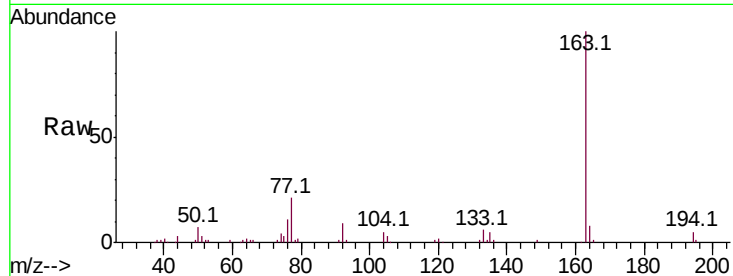




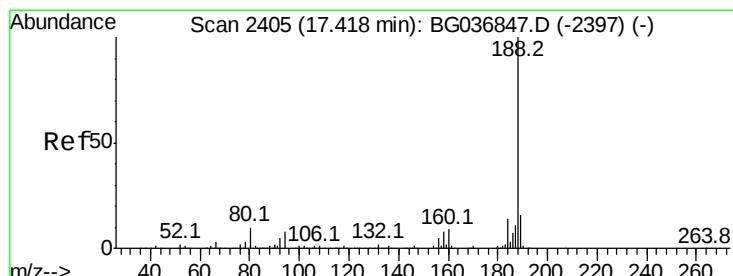
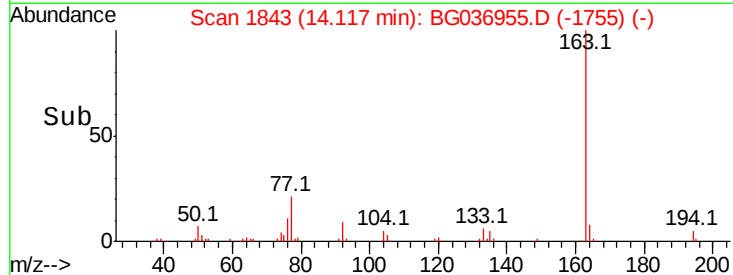
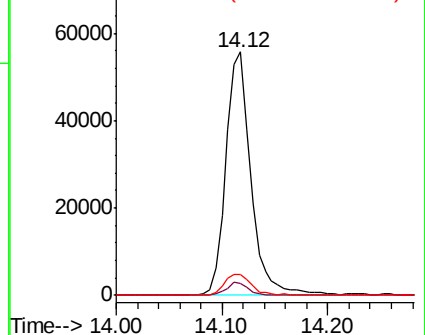
#49
 Dimethylphthalate
 Concen: 9.788 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Tot Ion:163 Resp: 91651
 Ion Ratio Lower Upper
 163 100
 194 4.7 4.0 6.0
 164 8.4 8.1 12.1

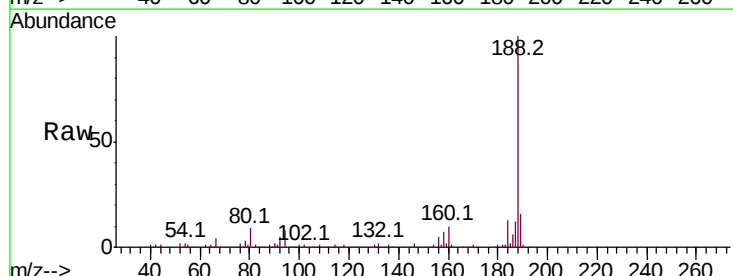


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

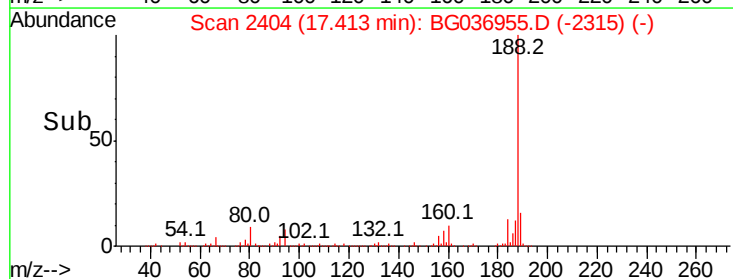
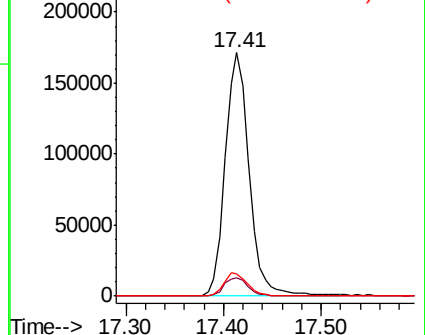


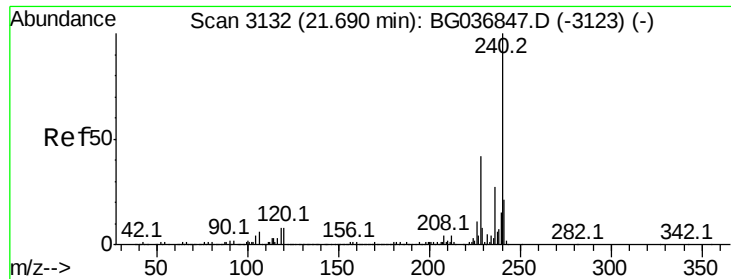
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Tgt Ion:188 Resp: 292174
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.7 10.1
 80 8.9 8.1 12.1



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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

Instrument :

BNA_G

ClientSampleId :

230-KV-A

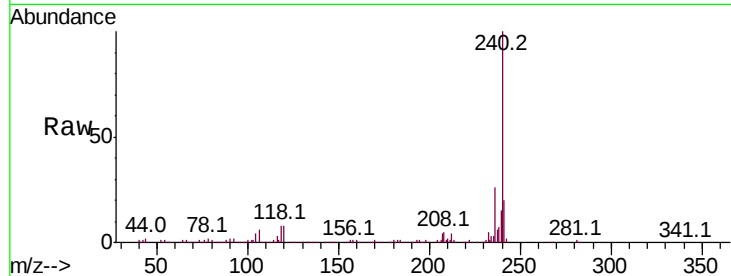
Tot Ion:240 Resp: 301440

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

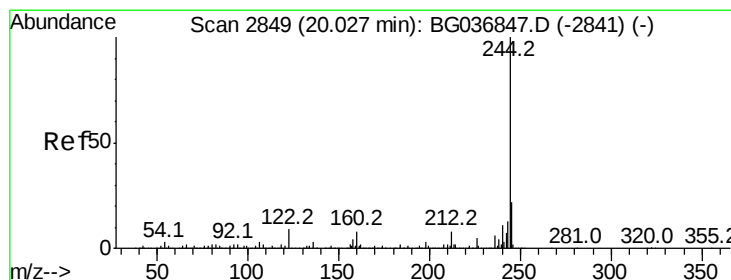
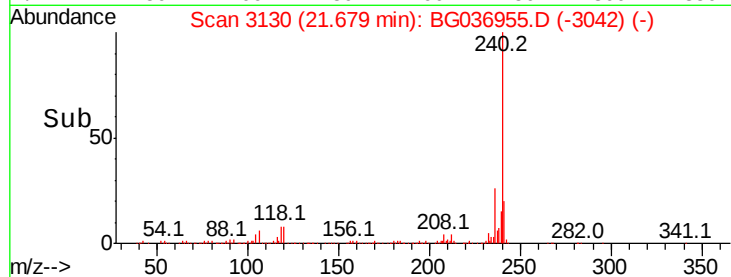
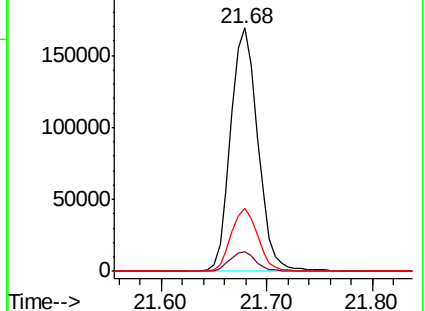
236 25.9 21.2 31.8



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: 96.544 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036955.D

Acq: 25 Sep 2018 18:58

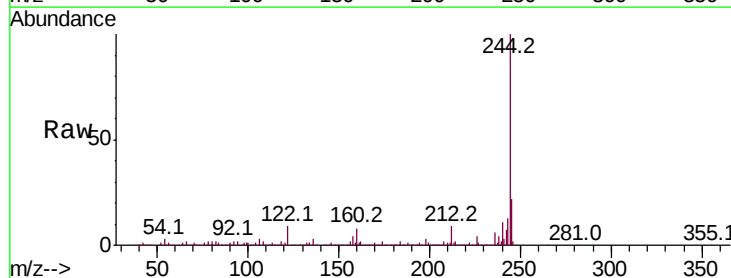
Tgt Ion:244 Resp: 1106762

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

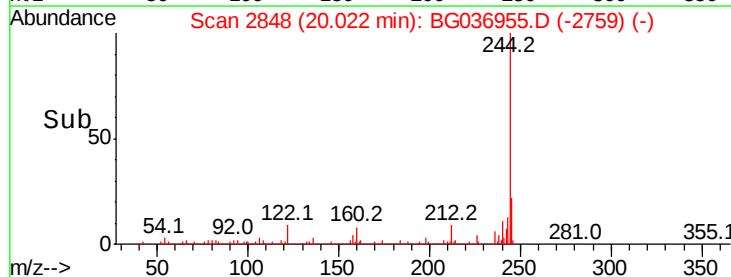
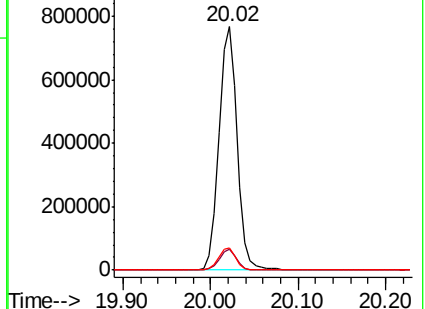
122 8.8 7.1 10.7

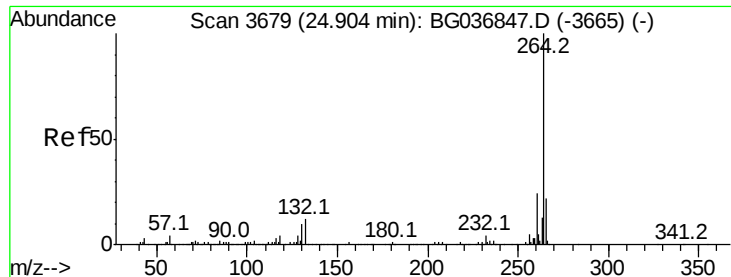


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

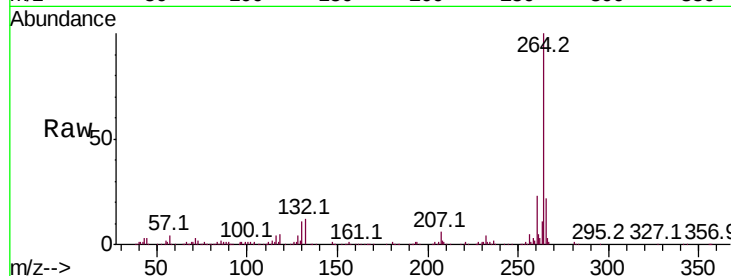




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036955.D
 Acq: 25 Sep 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.0	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

