

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036457.D
 Acq On : 28 Aug 2018 8:59
 Operator : JU/SJ
 Sample : PB112355BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:28:49 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

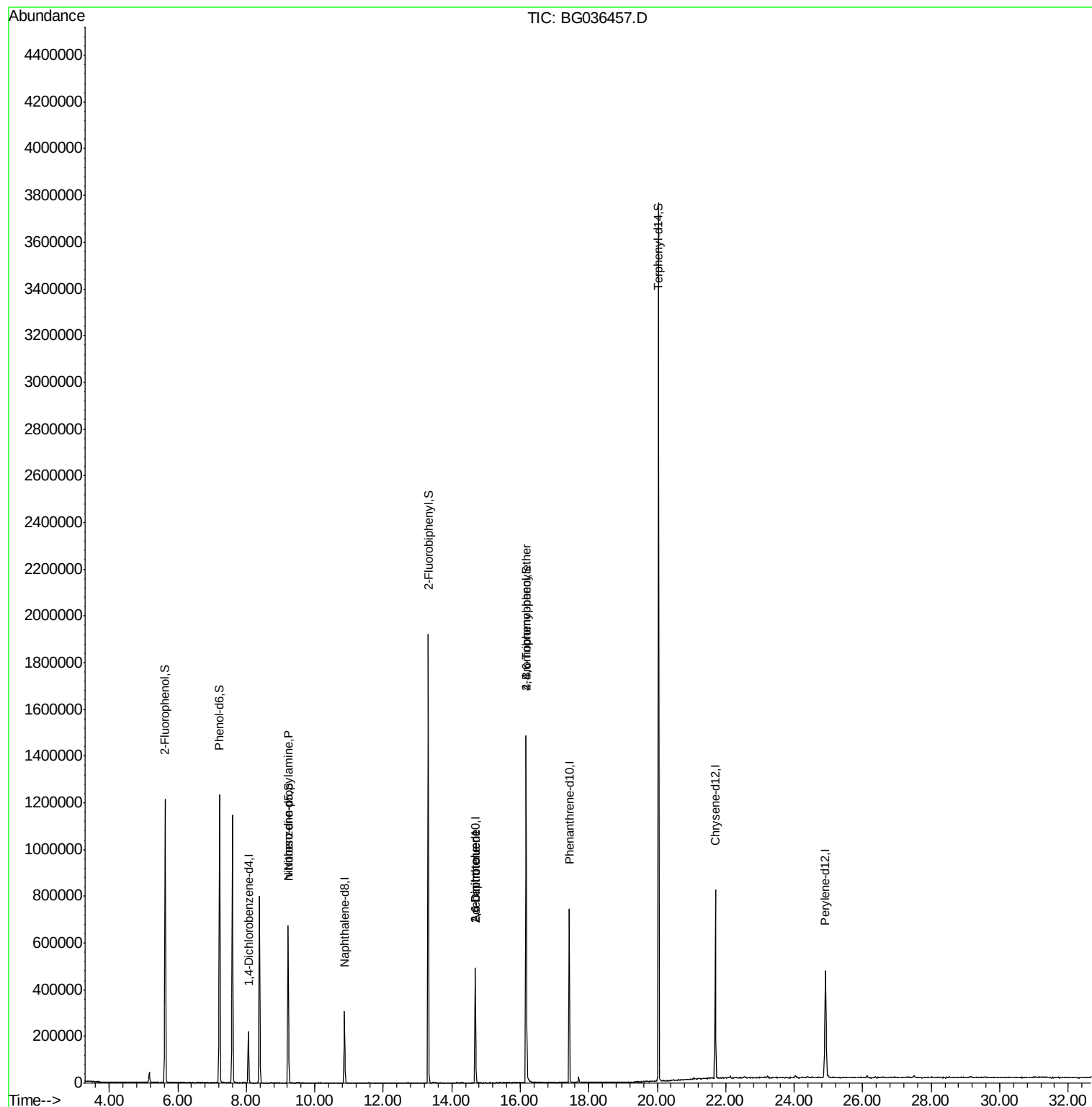
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62426	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	262092	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173276	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	449589	20.00	ng	0.00
75) Chrysene-d12	21.70	240	491845	20.00	ng	-0.01
86) Perylene-d12	24.91	264	493592	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	498281	126.62	ng	0.00
7) Phenol-d6	7.22	99	704242	124.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	400912	82.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	285336	138.01	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	983976	81.08	ng	-0.01
78) Terphenyl-d14	20.04	244	1707660	81.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	54119	12.852	ng	# 67
50) 2,6-Dinitrotoluene	14.69	165	22487	7.724	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	22487	5.926	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	19656	3.734	ng	# 1

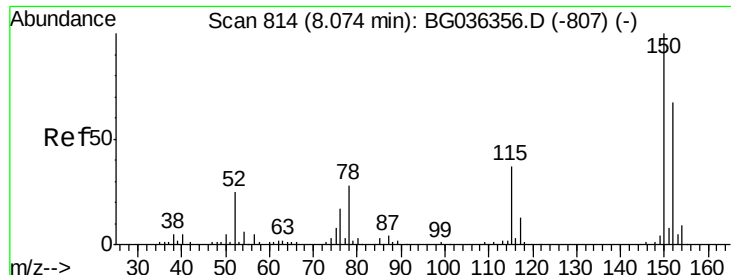
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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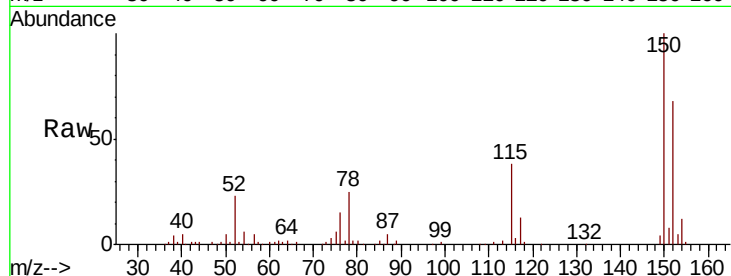


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	62426
Ion Ratio	100	Lower	Upper
152	100		
150	147.7	119.5	179.3
115	56.2	44.5	66.7

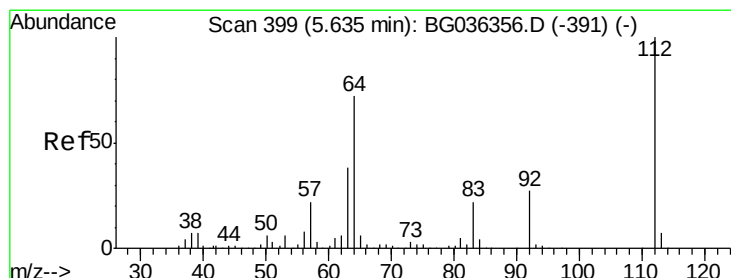
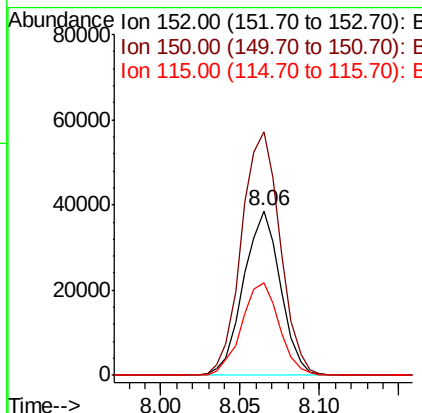
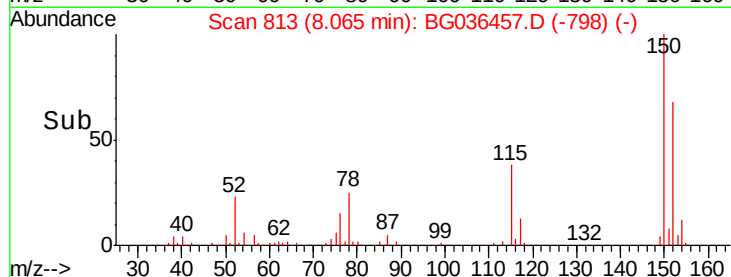


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

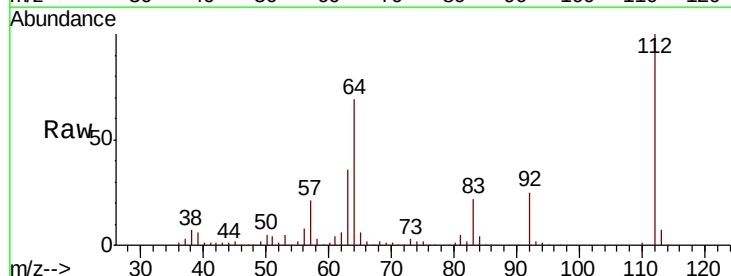
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.617 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion	112	Resp	498281
Ion Ratio	100	Lower	Upper
112	100		
64	68.5	57.2	85.8
63	36.3	30.8	46.2

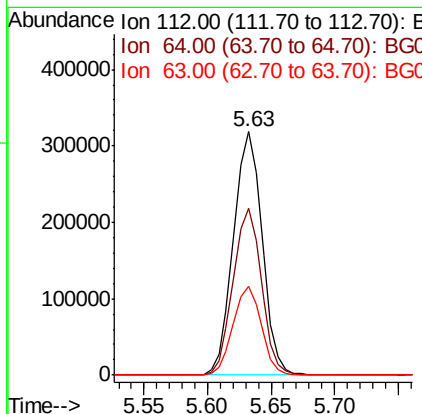
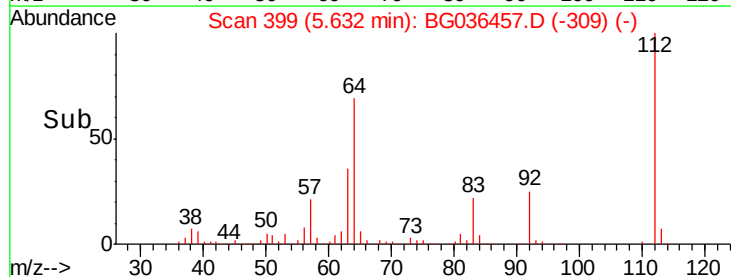


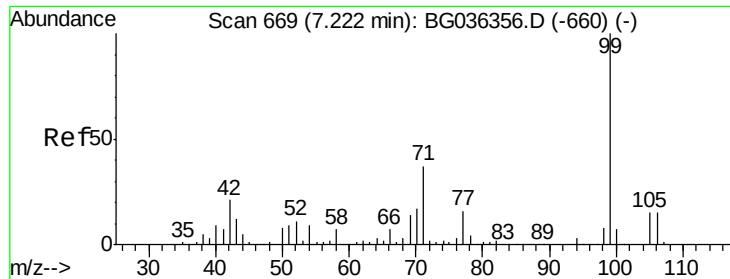
Abundance

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: 124.989 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036457.D

Acq: 28 Aug 2018 8:59

Instrument :

BNA_F

ClientSampled :

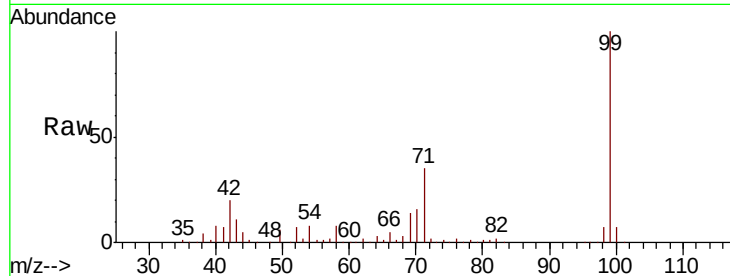
Tot Ion: 99 Resp: 704242

Ion Ratio Lower Upper

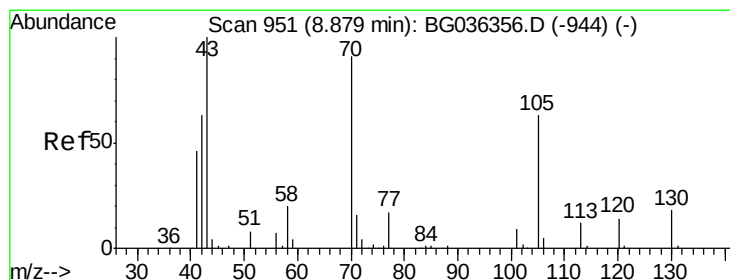
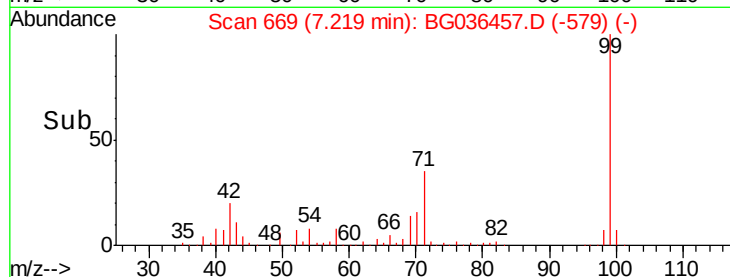
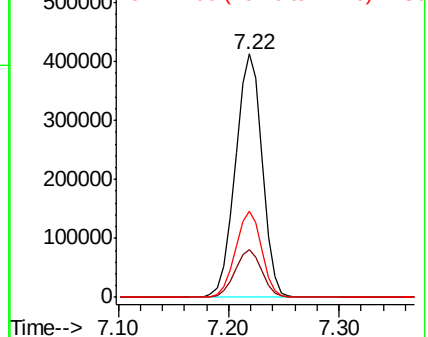
99 100

42 19.6 16.5 24.7

71 35.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.852 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036457.D

Acq: 28 Aug 2018 8:59

Tgt Ion: 70 Resp: 54119

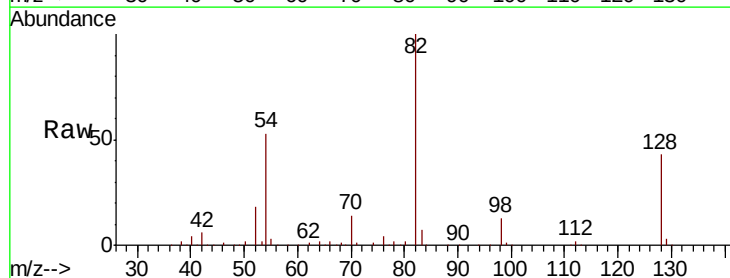
Ion Ratio Lower Upper

70 100

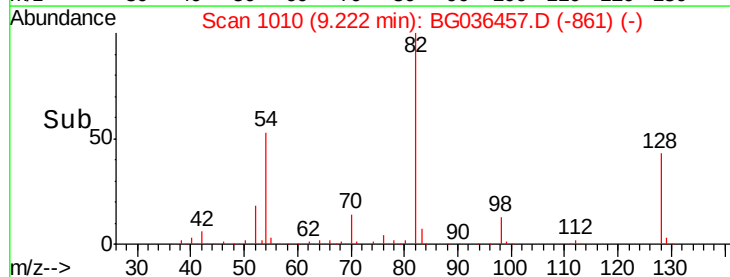
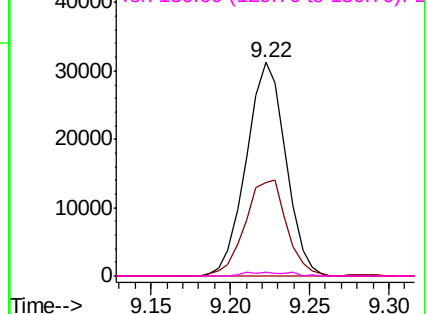
42 43.8 56.2 84.4#

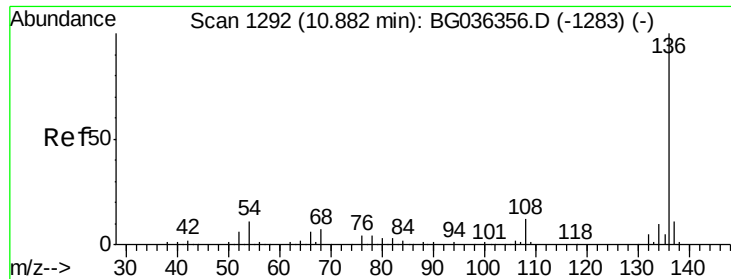
101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

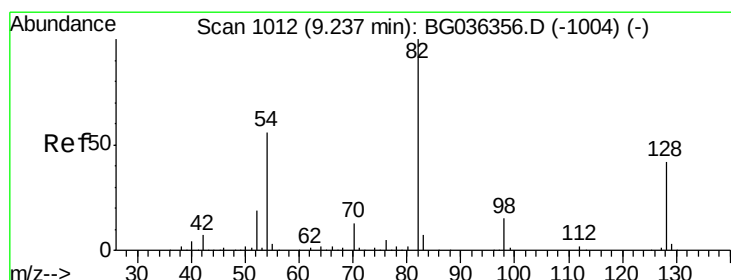
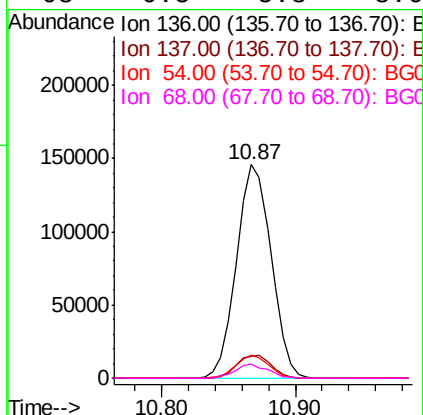
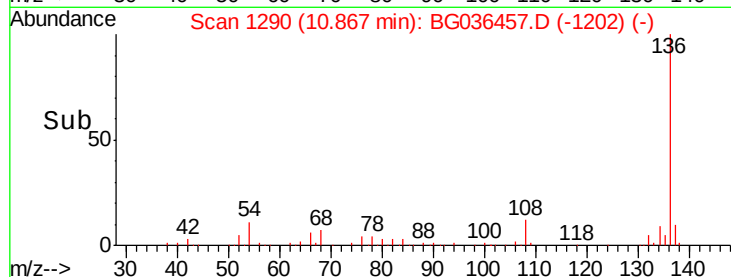
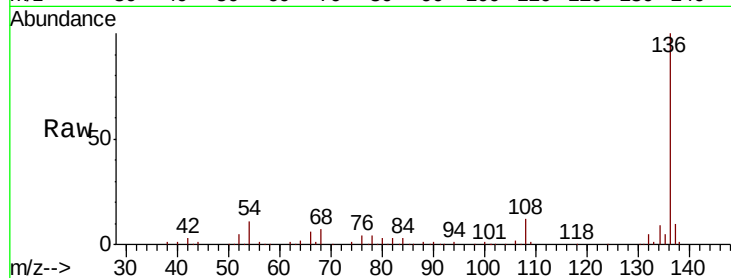




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

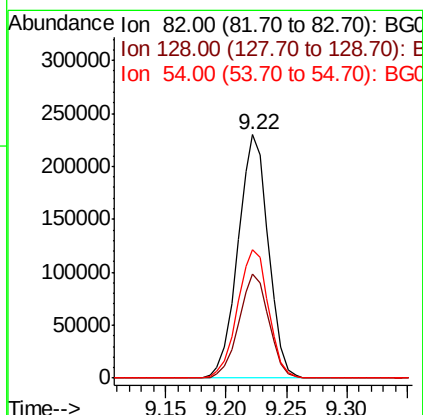
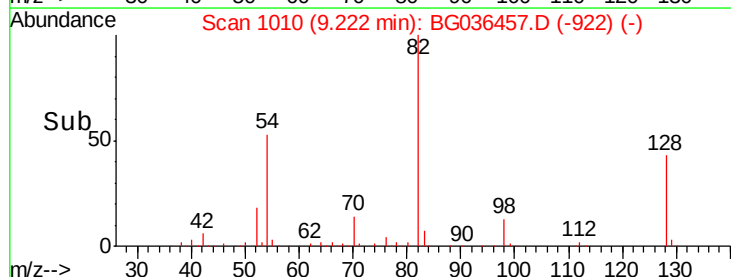
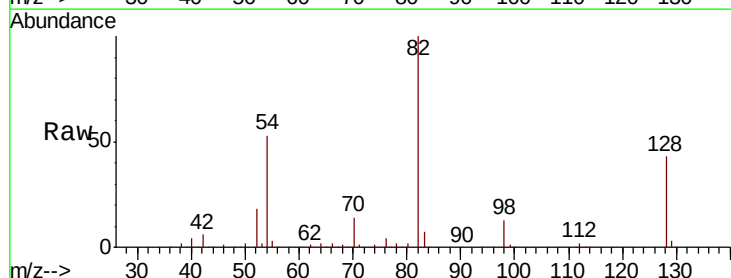
Instrument :
BNA_F
ClientSampleId :

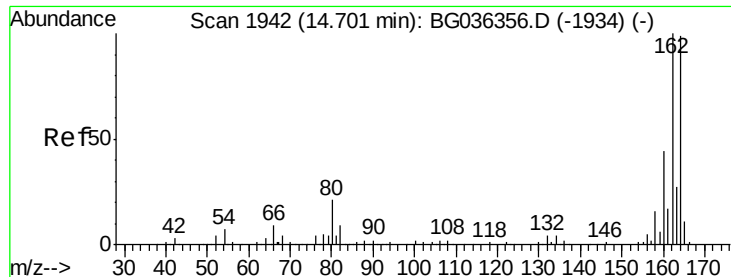
Tot Ion:136	Resp:	262092
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.8 13.2
54	10.6	9.2 13.8
68	6.5	5.8 8.6



#23
Nitrobenzene-d5
Concen: 82.994 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion: 82	Resp:	400912
Ion Ratio	Lower	Upper
82	100	
128	42.5	33.3 49.9
54	52.7	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: BG036457.D

Acq: 28 Aug 2018 8:59

Instrument :

BNA_F

ClientSampleId :

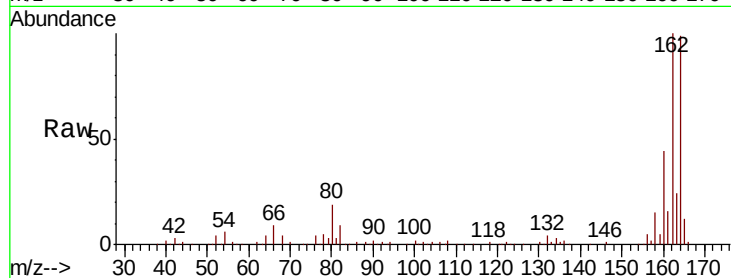
Tot Ion:164 Resp: 173276

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

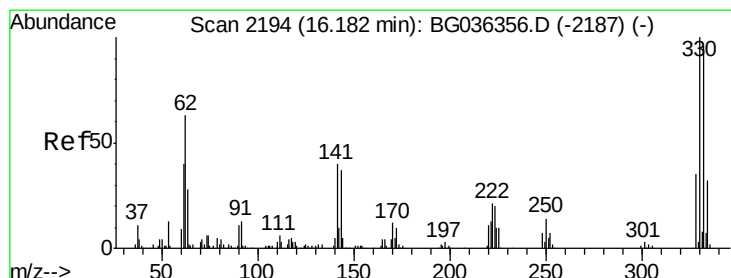
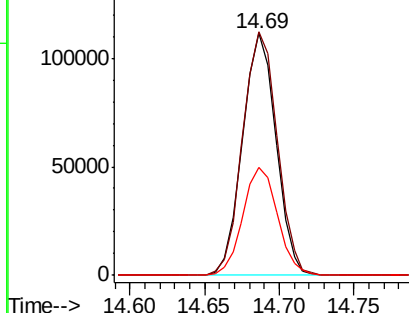
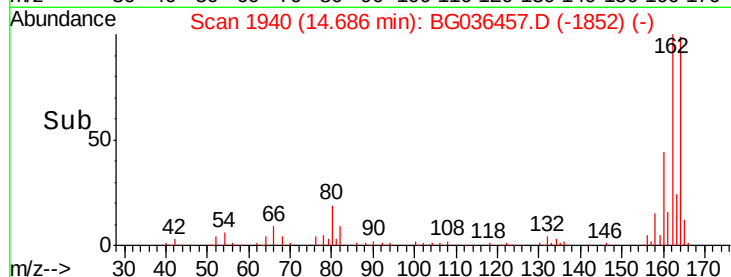
160 44.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 138.005 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036457.D

Acq: 28 Aug 2018 8:59

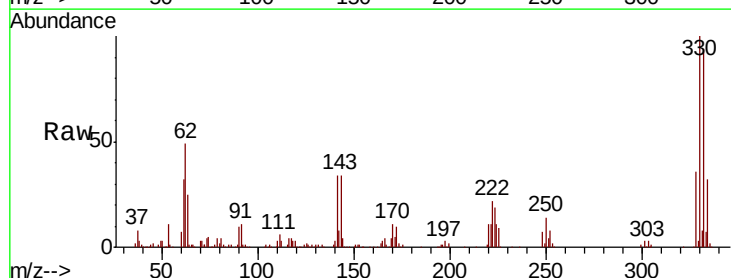
Tgt Ion:330 Resp: 285336

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

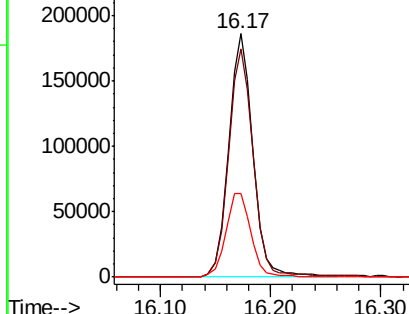
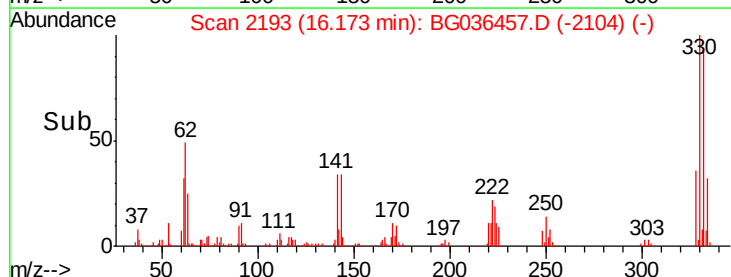
141 35.9 30.7 46.1

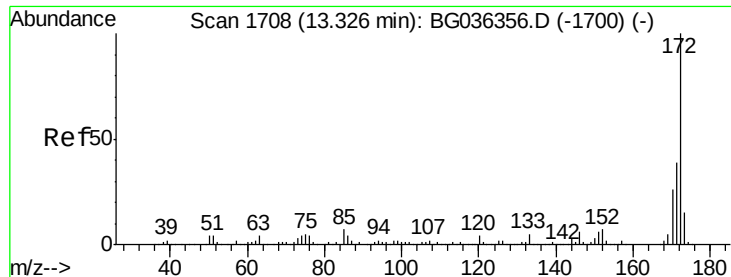


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

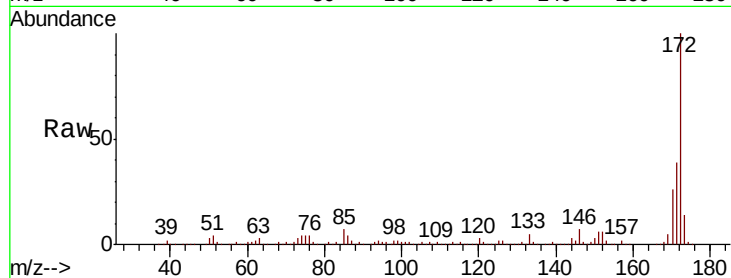




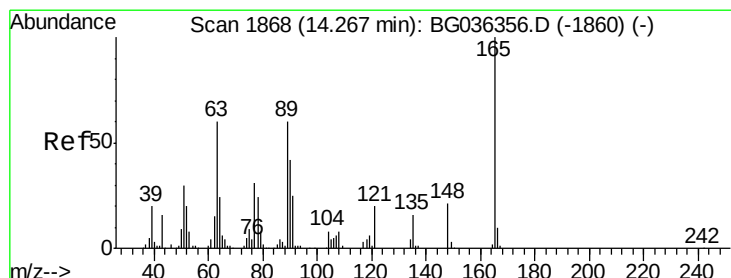
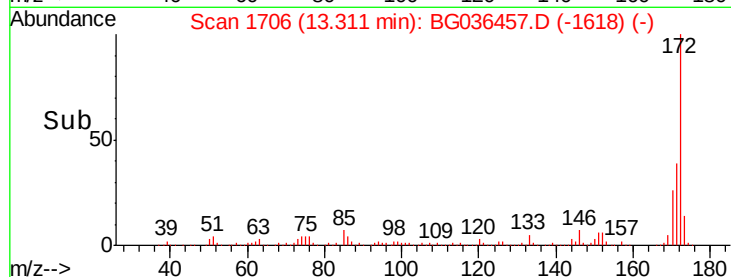
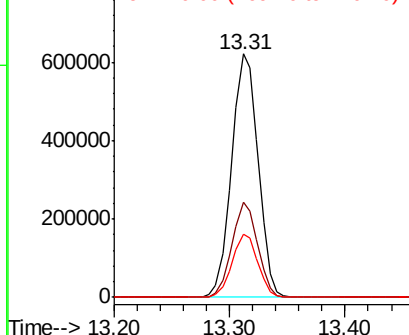
#44
 2-Fluorobiphenyl
 Concen: 81.081 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036457.D
 Acq: 28 Aug 2018 8:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	26.0	21.0	31.6

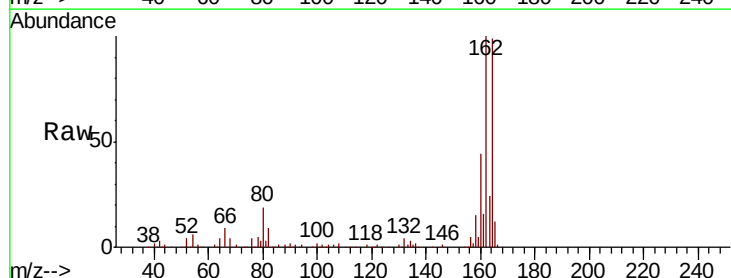


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

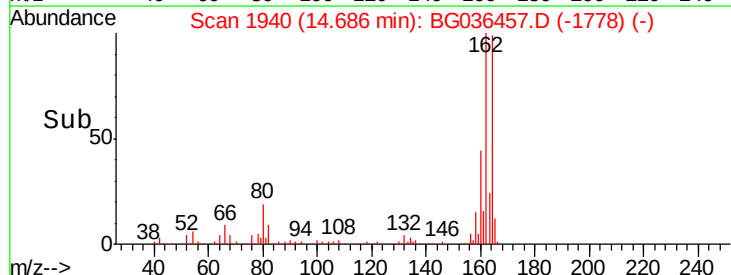
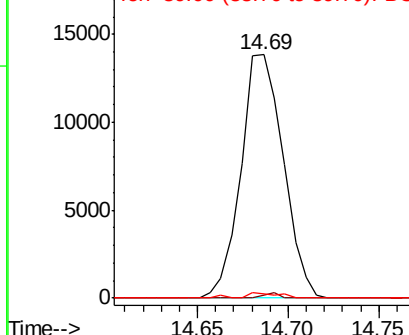


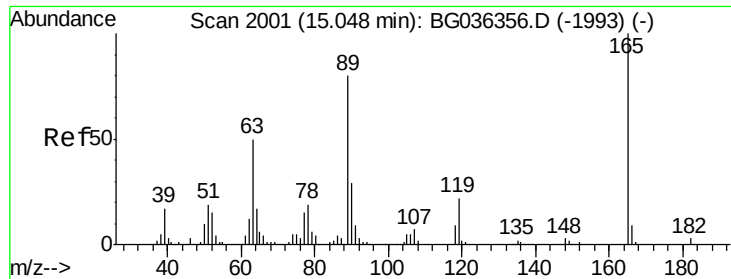
#50
 2,6-Dinitrotoluene
 Concen: 7.724 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036457.D
 Acq: 28 Aug 2018 8:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	1.8	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

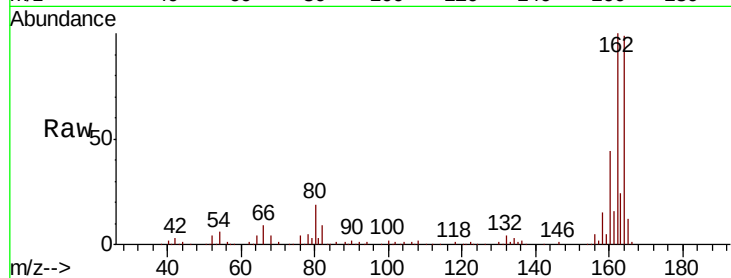




#56
 2,4-Dinitrotoluene
 Concen: 5.926 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036457.D
 Acq: 28 Aug 2018 8:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



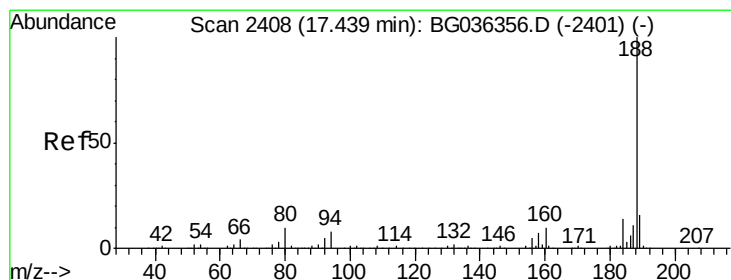
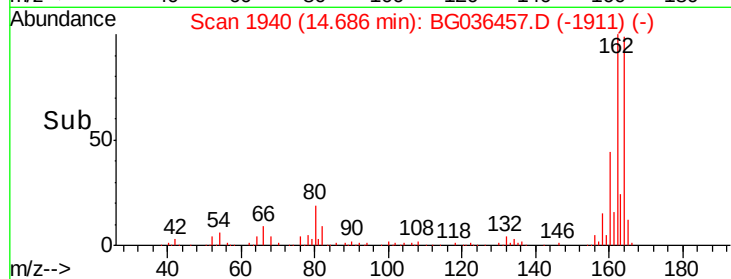
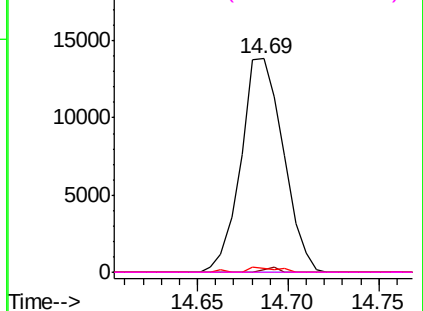
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

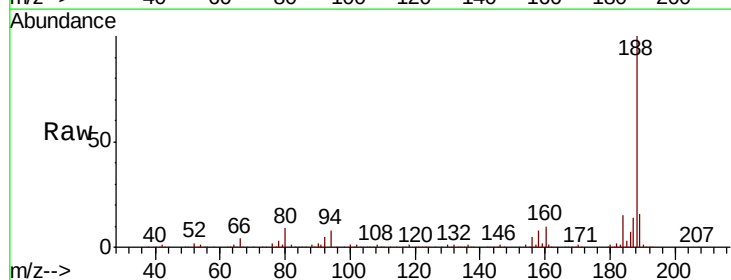
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036457.D
 Acq: 28 Aug 2018 8:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.3	8.1	12.1

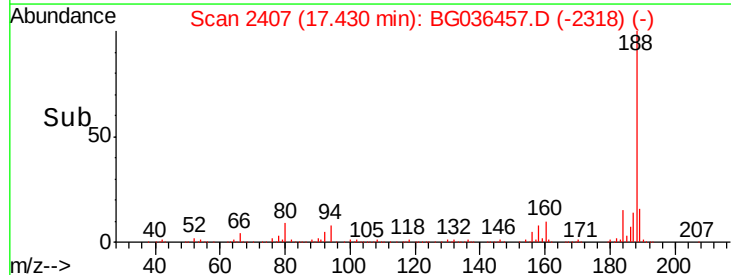
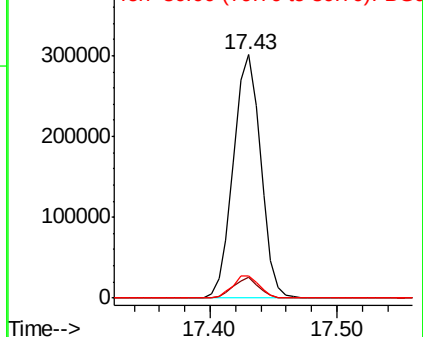


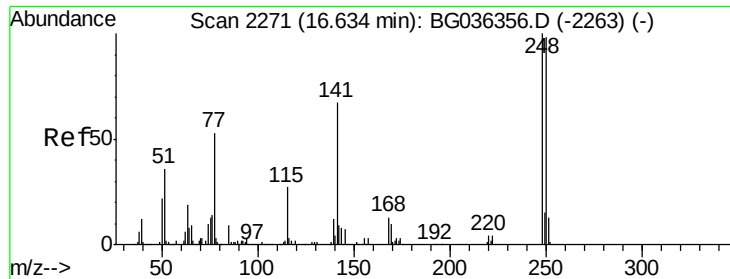
Abundance

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

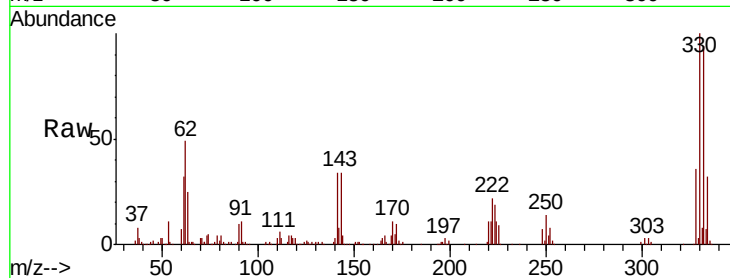




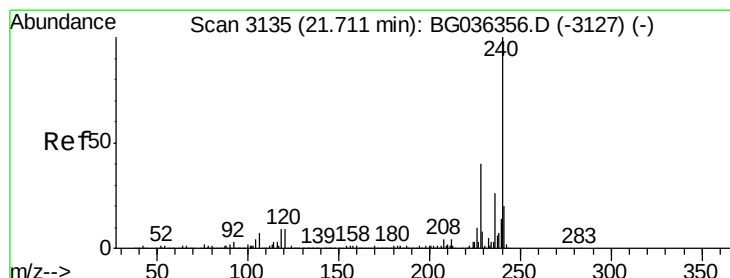
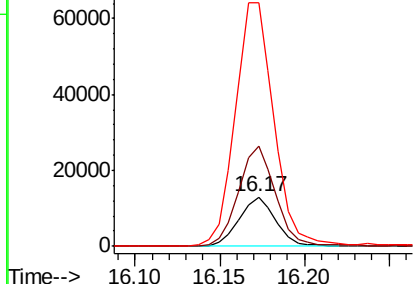
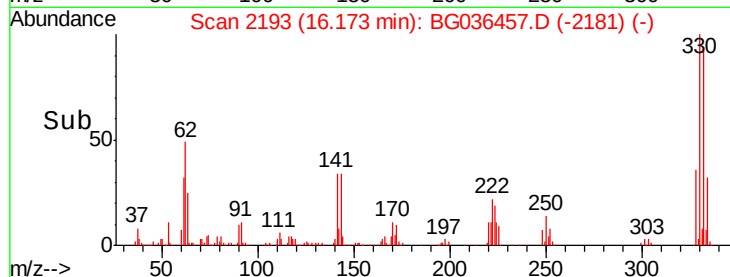
#66
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19656
Ion Ratio Lower Upper
248 100
250 203.1 78.1 117.1#
141 492.9 53.7 80.5#

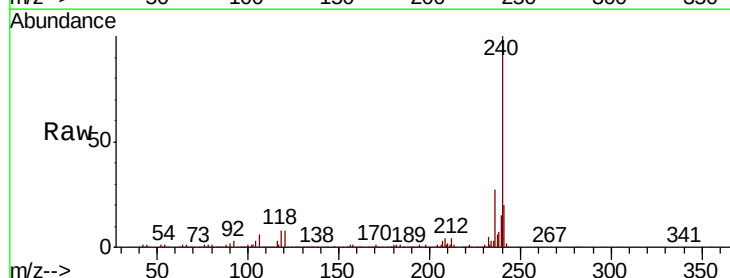


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

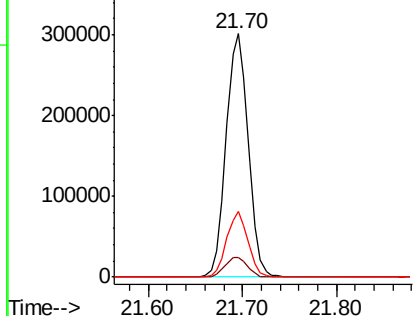
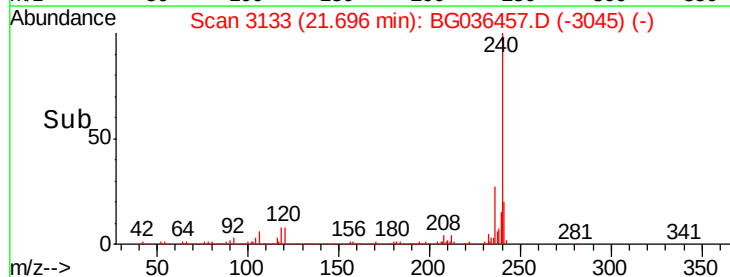


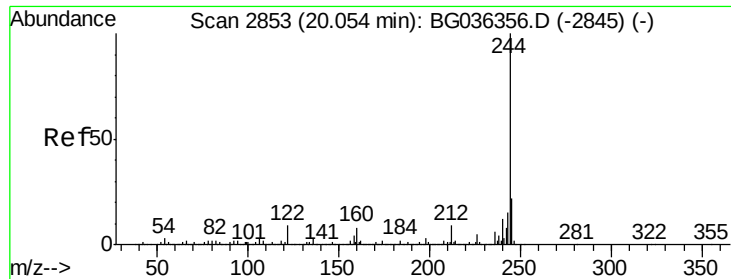
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036457.D
Acq: 28 Aug 2018 8:59

Tgt Ion:240 Resp: 491845
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 27.1 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: 81.151 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036457.D

Acq: 28 Aug 2018 8:59

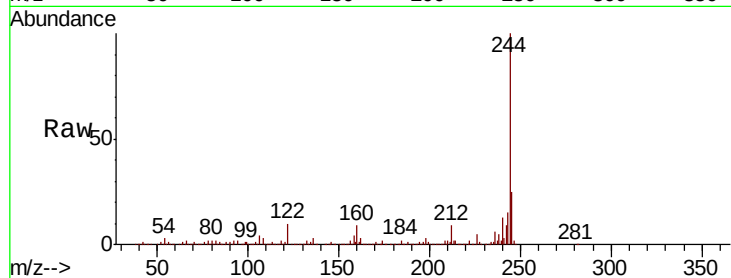
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1707660

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	9.9	7.1	10.7

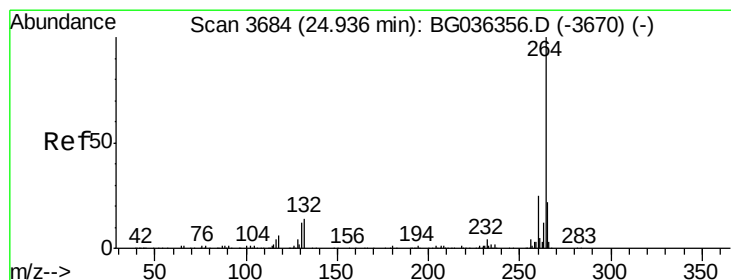
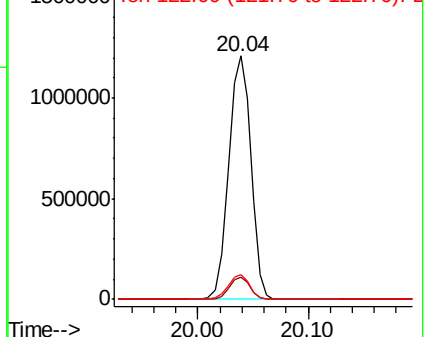
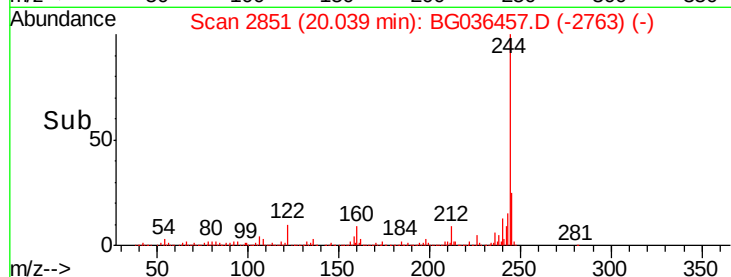


Abundance

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# 3680

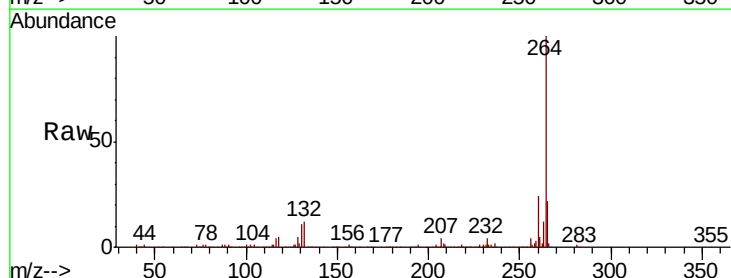
Delta R.T. -0.03 min

Lab File: BG036457.D

Acq: 28 Aug 2018 8:59

Tgt Ion:264 Resp: 493592

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.5	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

