

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038433.D
 Acq On : 8 Dec 2018 11:54
 Operator : JU/SJ
 Sample : J6255-07RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120518-TIPC-E-D-MRE

Quant Time: Dec 10 02:53:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

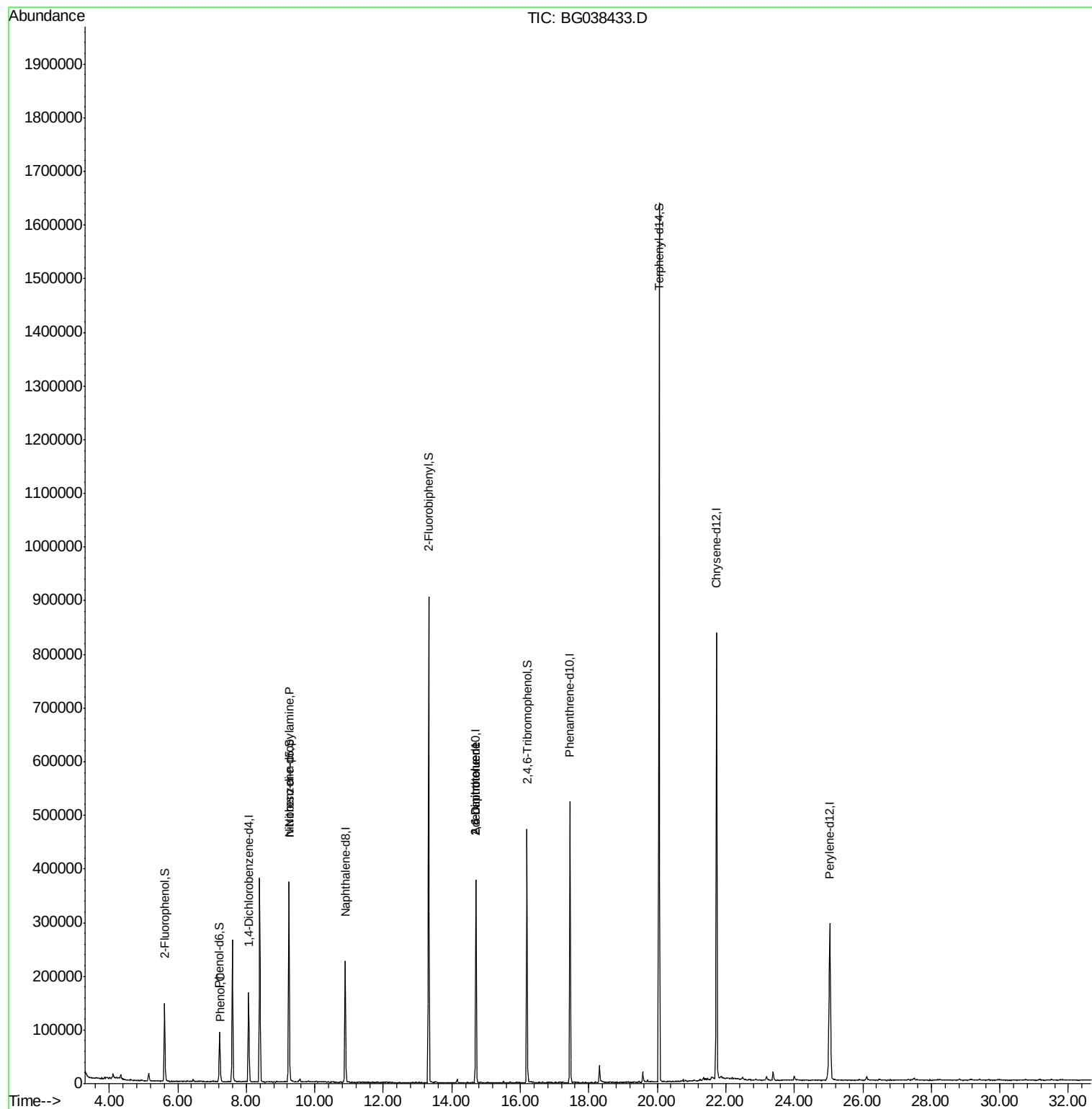
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49373	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	202370	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	135599	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	347078	20.00	ng	0.00
76) Chrysene-d12	21.73	240	485111	20.00	ng	-0.01
87) Perylene-d12	25.04	264	349265	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	62660	22.46	ng	0.00
7) Phenol-d6	7.22	99	54533	13.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	245020	60.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	91213	54.79	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	488153	51.30	ng	0.00
79) Terphenyl-d14	20.06	244	828785	36.60	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9019	2.117	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	9.24	70	31867	9.191	ng	# 76
51) 2,6-Dinitrotoluene	14.70	165	17271	6.952	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	17271	5.040	ng	# 24

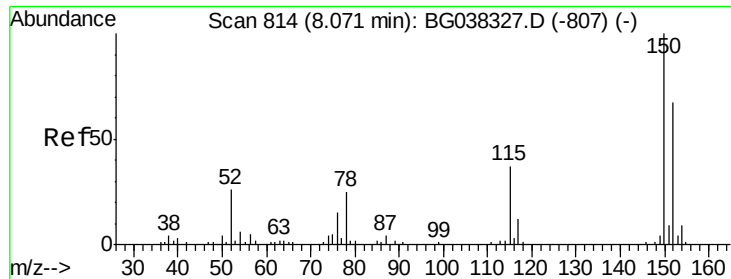
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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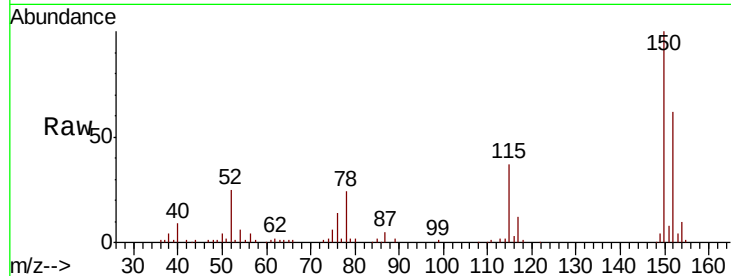


#1

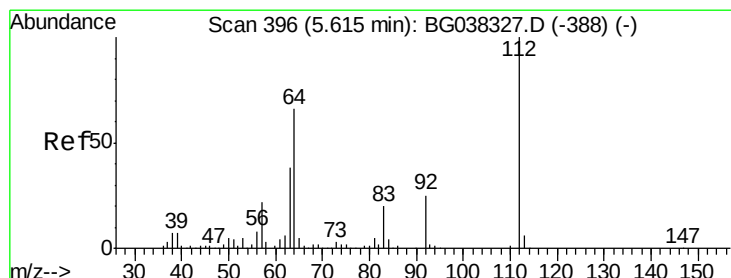
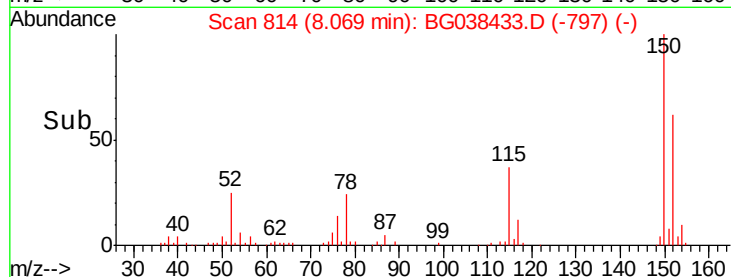
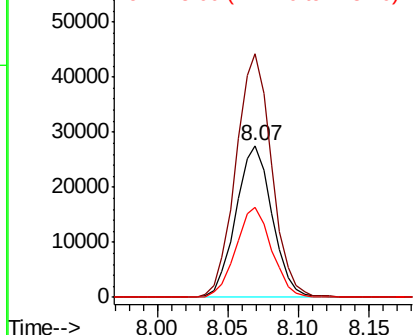
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-MRE

Tgt Ion:152 Resp: 49373
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 59.4 45.5 68.3



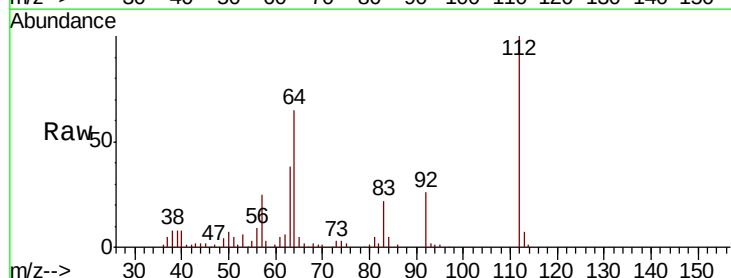
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



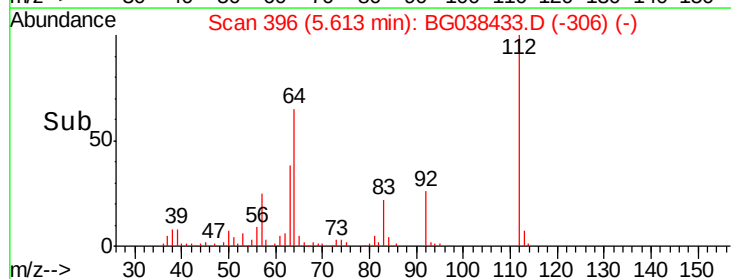
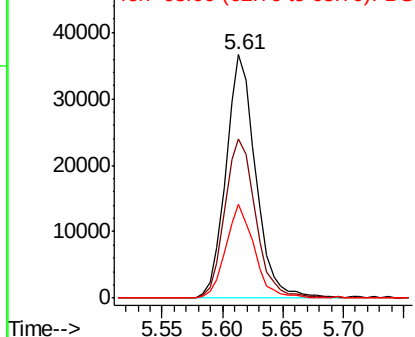
#5

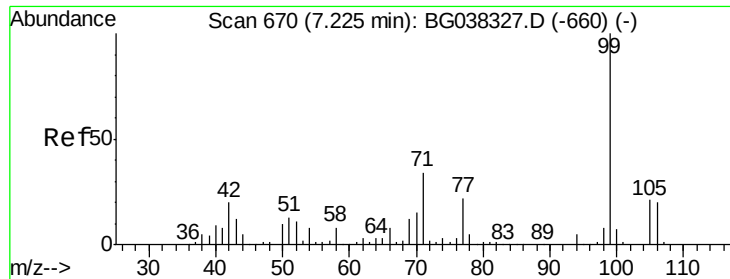
2-Fluorophenol
Concen: 22.459 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

Tgt Ion:112 Resp: 62660
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 38.4 27.3 40.9



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: 13.523 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

Instrument :

BNA_G

ClientSampleId :

120518-TIPC-E-D-MRE

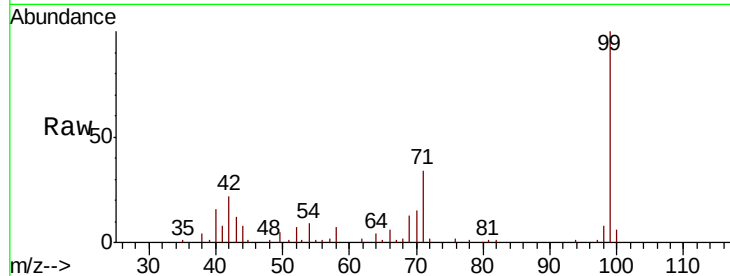
Tgt Ion: 99 Resp: 54533

Ion Ratio Lower Upper

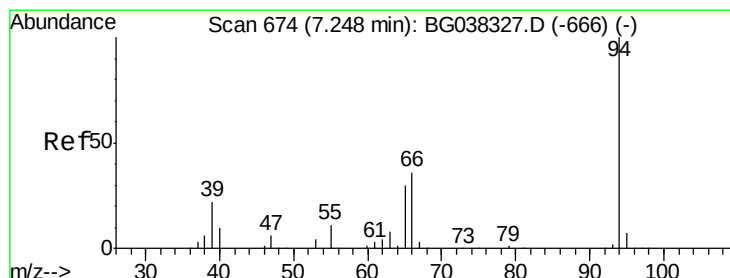
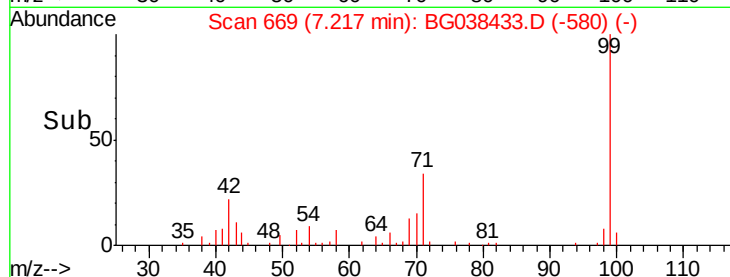
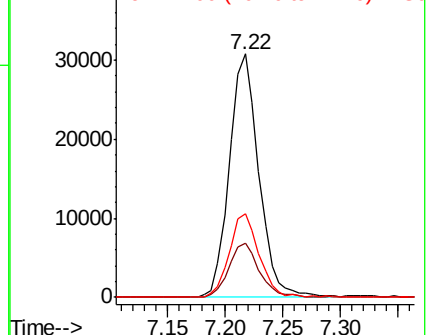
99 100

42 22.1 15.0 22.4

71 34.1 25.5 38.3



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



#10

Phenol

Concen: 2.117 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

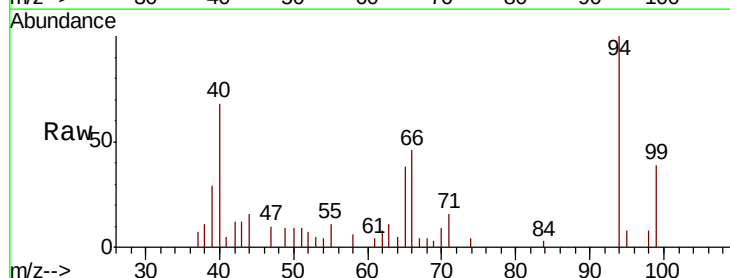
Tgt Ion: 94 Resp: 9019

Ion Ratio Lower Upper

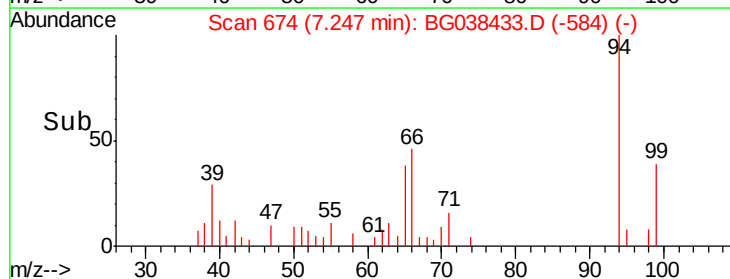
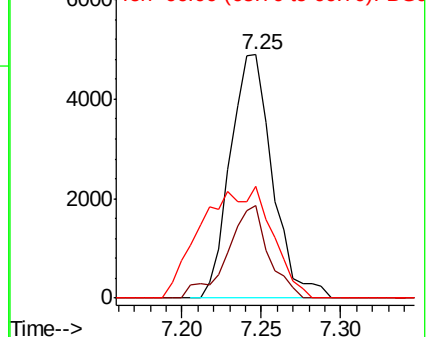
94 100

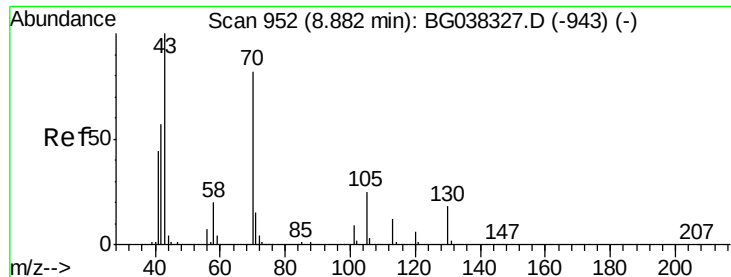
65 38.2 9.7 49.7

66 45.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

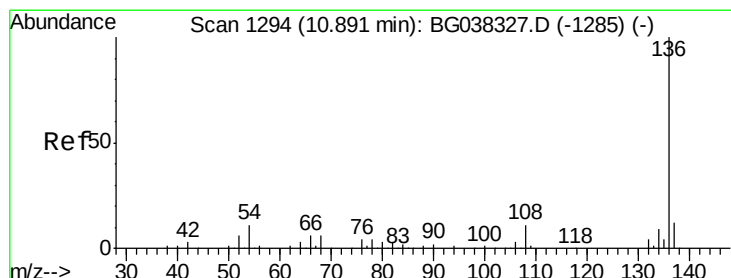
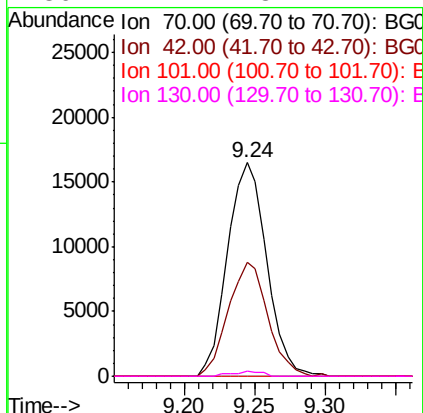
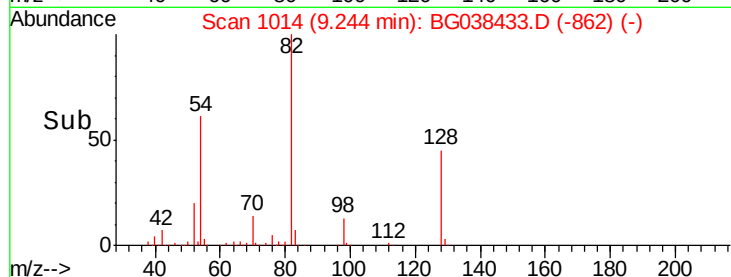
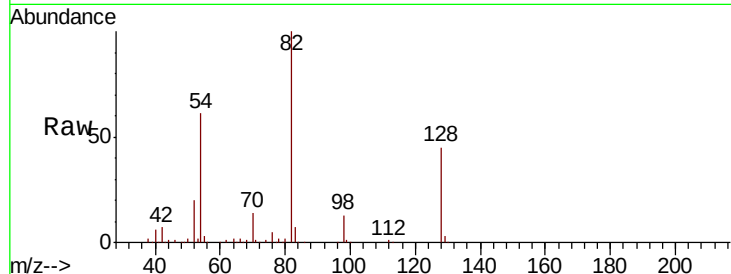




#19
n-Nitroso-di-n-propylamine
Concen: 9.191 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

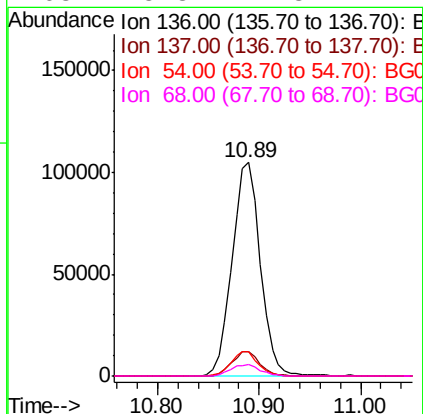
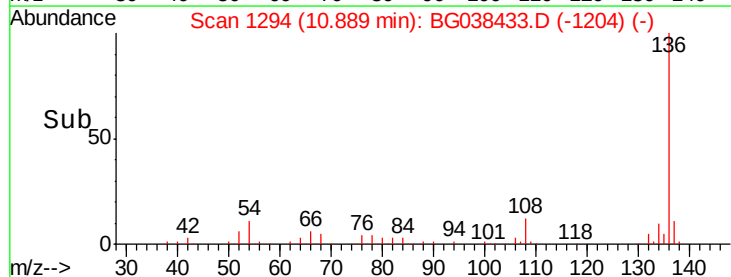
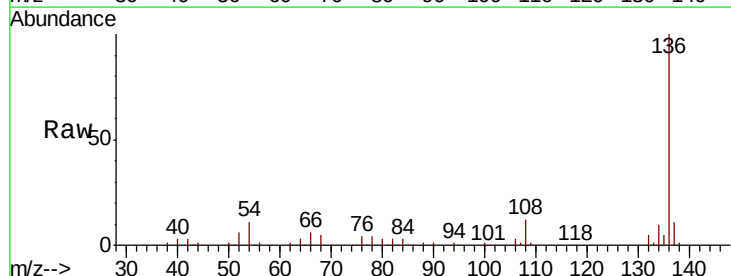
Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-MRE

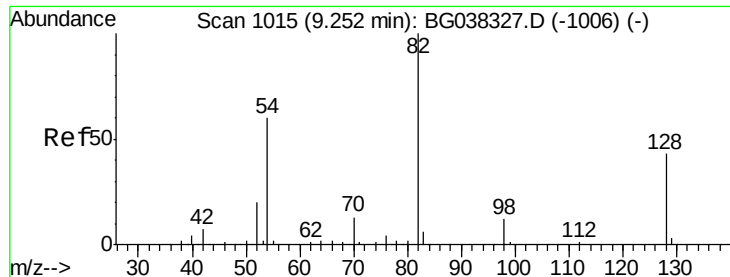
Tgt Ion: 70 Resp: 31867
Ion Ratio Lower Upper
70 100
42 53.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

Tgt Ion: 136 Resp: 202370
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 11.3 7.9 11.9
68 5.3 4.8 7.2

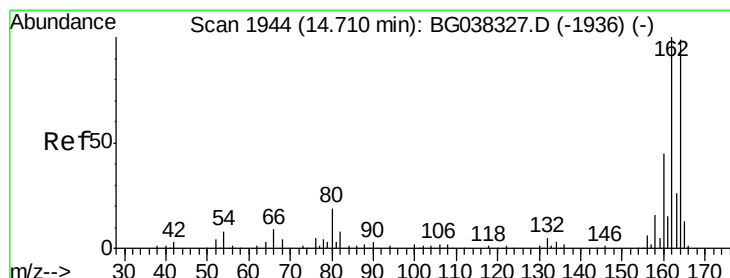
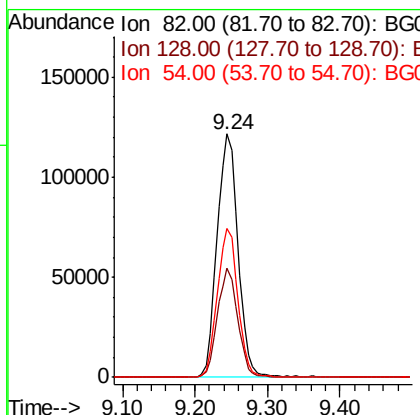
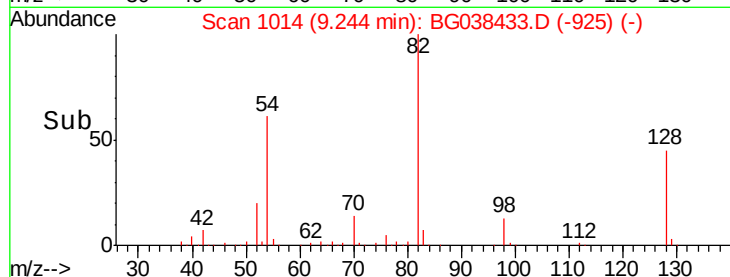
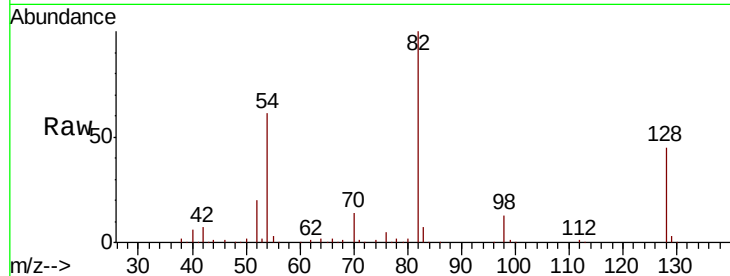




#23
 Nitrobenzene-d5
 Concen: 60.111 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038433.D
 Acq: 8 Dec 2018 11:54

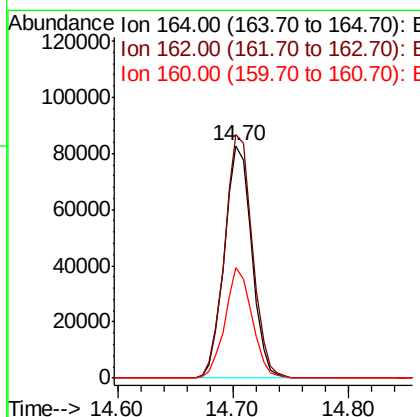
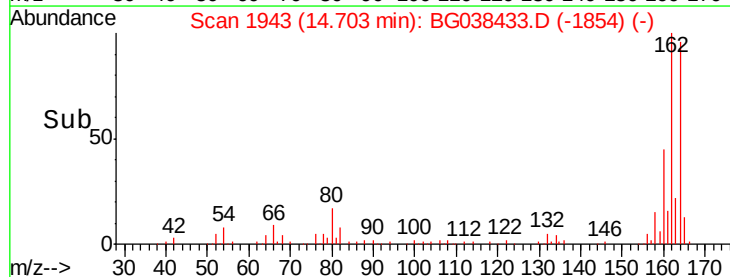
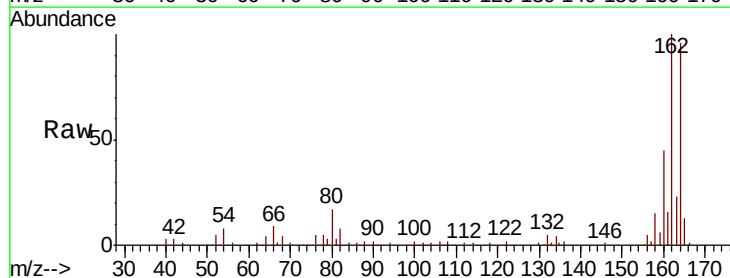
Instrument :
 BNA_G
 ClientSampleId :
 120518-TIPC-E-D-MRE

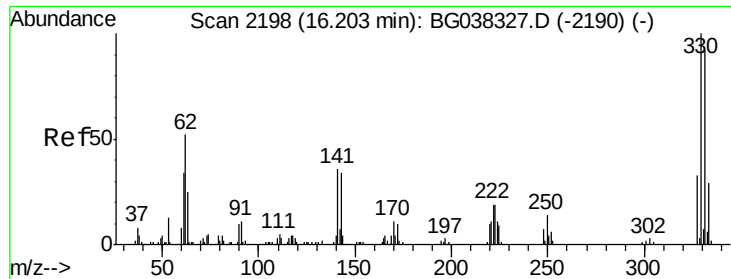
Tgt Ion: 82 Resp: 245020
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 61.3 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038433.D
 Acq: 8 Dec 2018 11:54

Tgt Ion: 164 Resp: 135599
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.3 121.9
 160 47.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 54.794 ng

RT: 16.19 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

Instrument :

BNA_G

ClientSampleId :

120518-TIPC-E-D-MRE

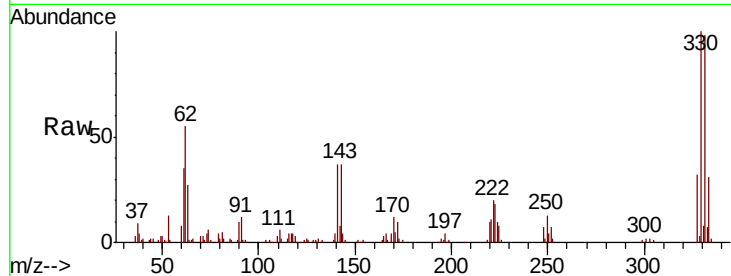
Tgt Ion:330 Resp: 91213

Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

141 38.2 32.2 48.2

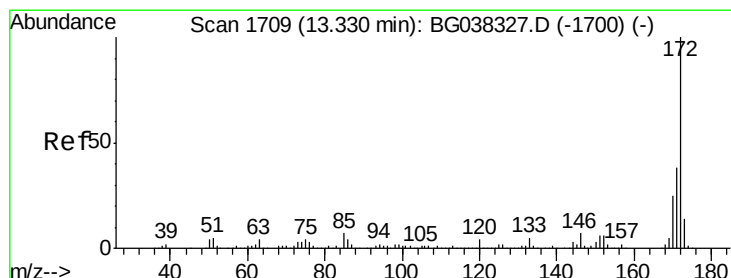
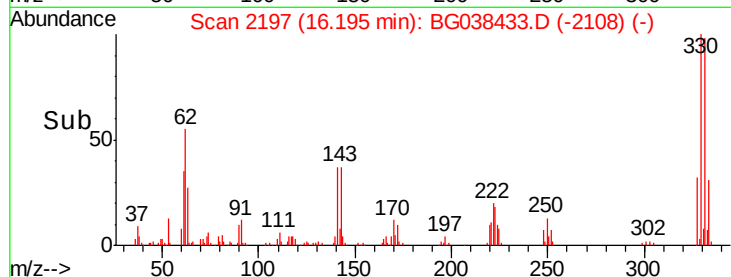
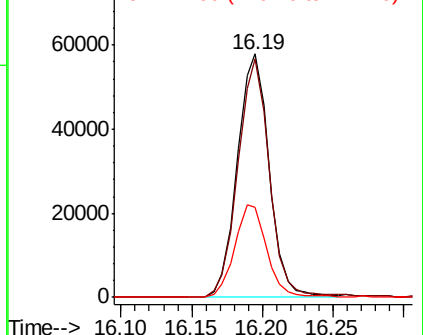


Abundance

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



#45

2-Fluorobiphenyl

Concen: 51.297 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

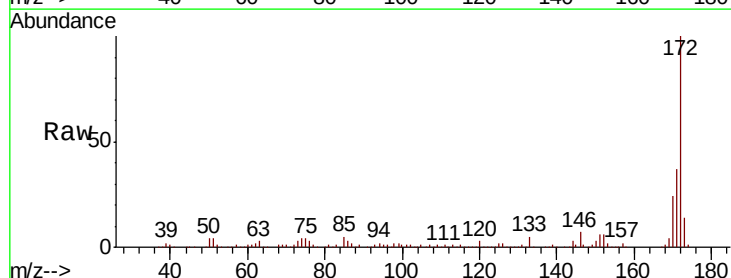
Tgt Ion:172 Resp: 488153

Ion Ratio Lower Upper

172 100

171 36.8 31.0 46.4

170 24.0 20.2 30.2

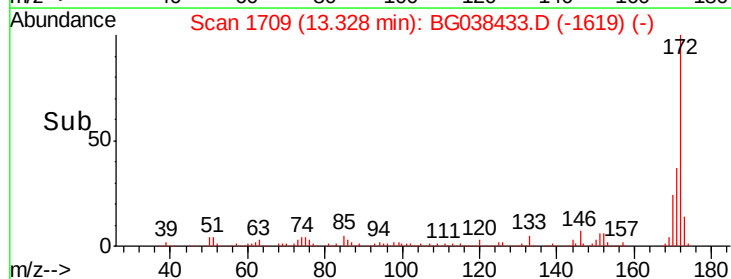
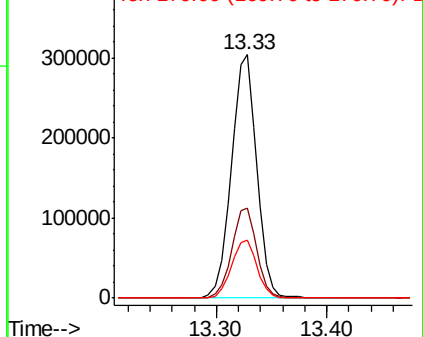


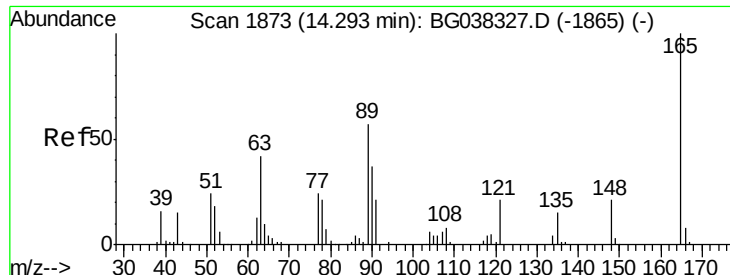
Abundance

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

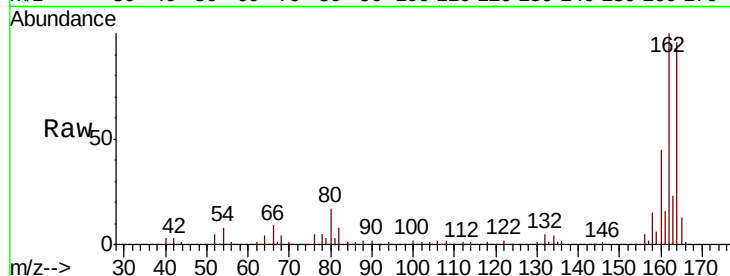




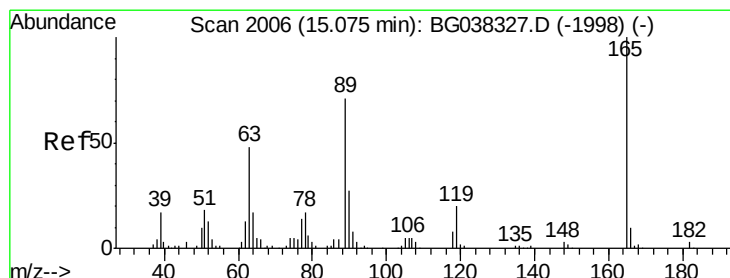
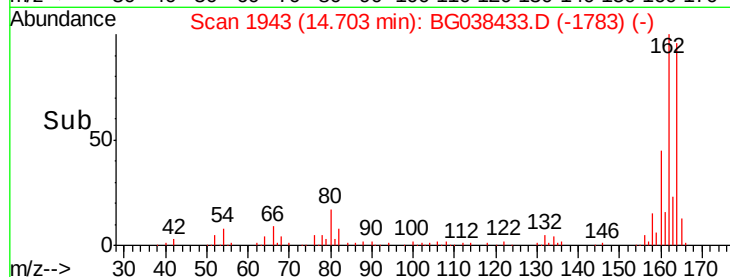
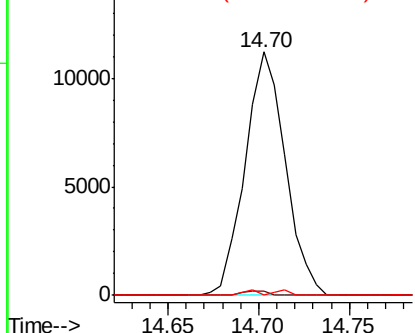
#51
 2,6-Dinitrotoluene
 Concen: 6.952 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038433.D
 Acq: 8 Dec 2018 11:54

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	0.0	45.8	68.6#



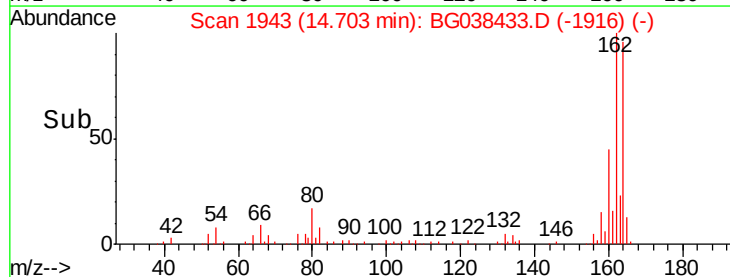
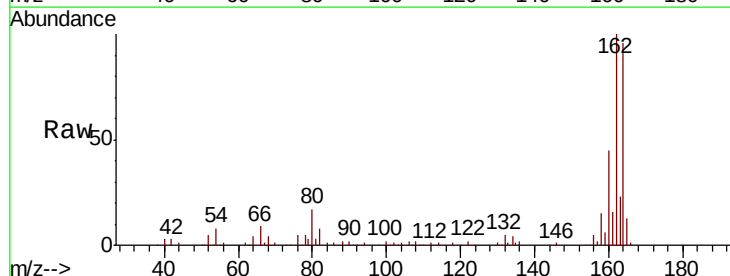
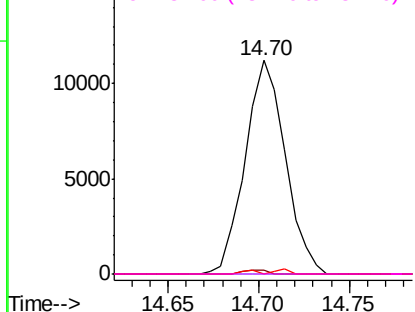
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

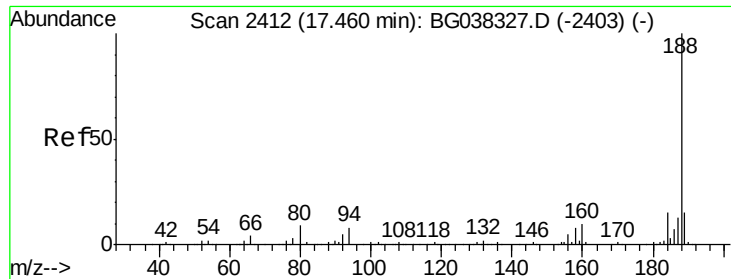


#57
 2,4-Dinitrotoluene
 Concen: 5.040 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038433.D
 Acq: 8 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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

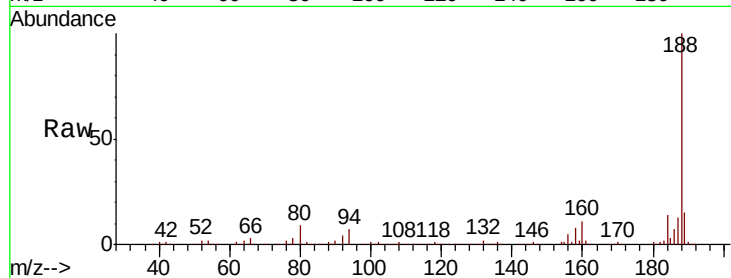




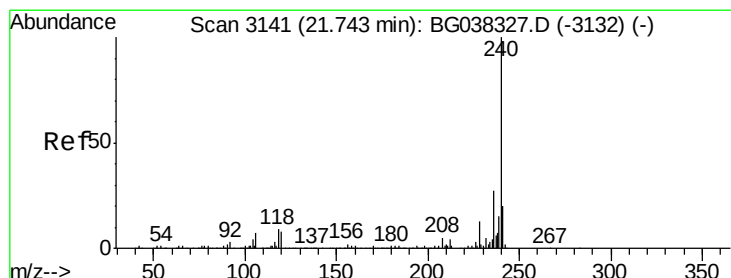
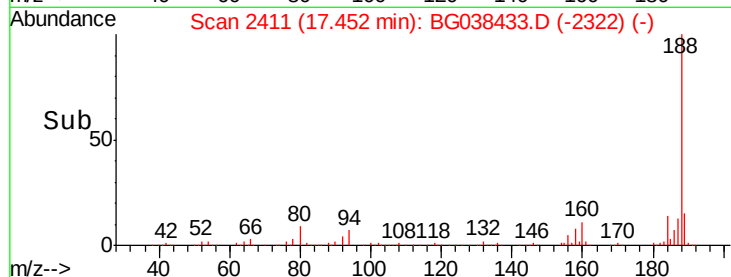
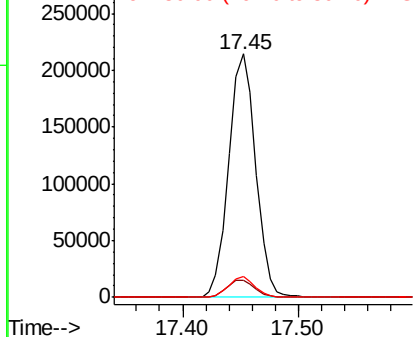
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-MRE

Tgt Ion:188 Resp: 347078
Ion Ratio Lower Upper
188 100
94 7.0 7.2 10.8#
80 8.5 7.7 11.5

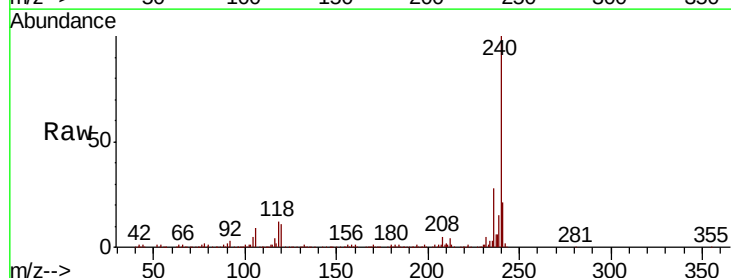


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

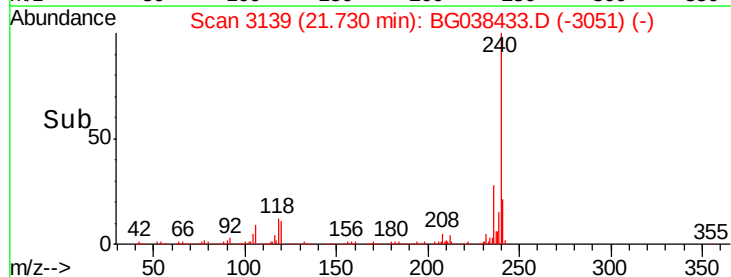
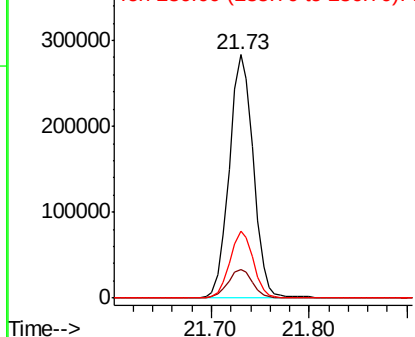


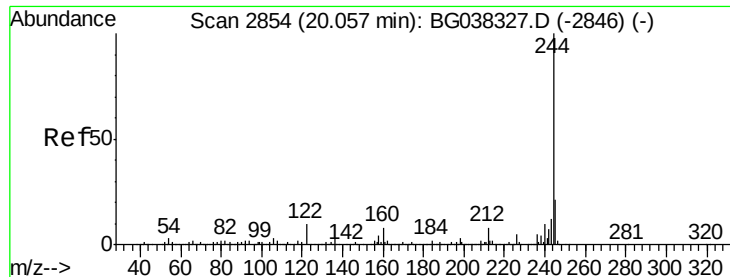
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038433.D
Acq: 8 Dec 2018 11:54

Tgt Ion:240 Resp: 485111
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.7 21.4 32.0



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





#79

Terphenyl-d14

Concen: 36.599 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

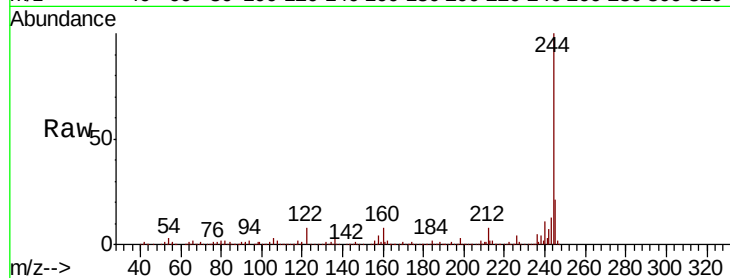
Instrument :

BNA_G

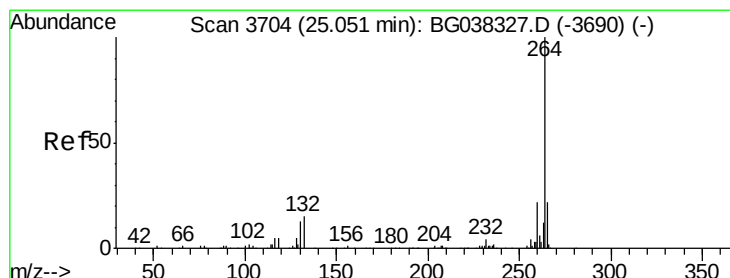
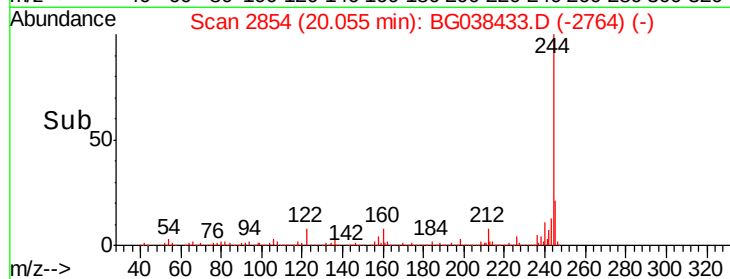
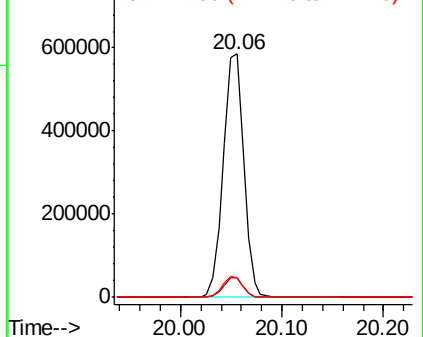
ClientSampleId :

120518-TIPC-E-D-MRE

Tgt Ion:	244	Resp:	828785
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	8.3	9.0	13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

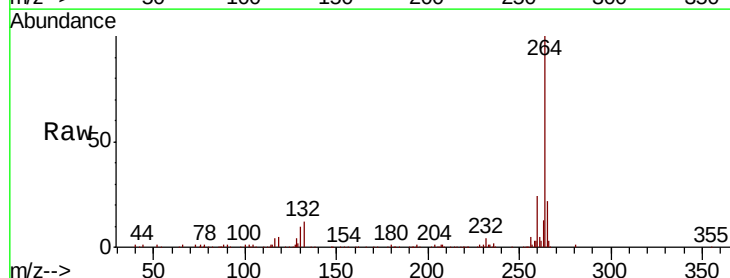
RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038433.D

Acq: 8 Dec 2018 11:54

Tgt Ion:	264	Resp:	349265
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	21.7	17.9	26.9



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

