

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041308.D
 Acq On : 18 Jun 2019 21:54
 Operator : HP/JU
 Sample : K3419-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:41:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

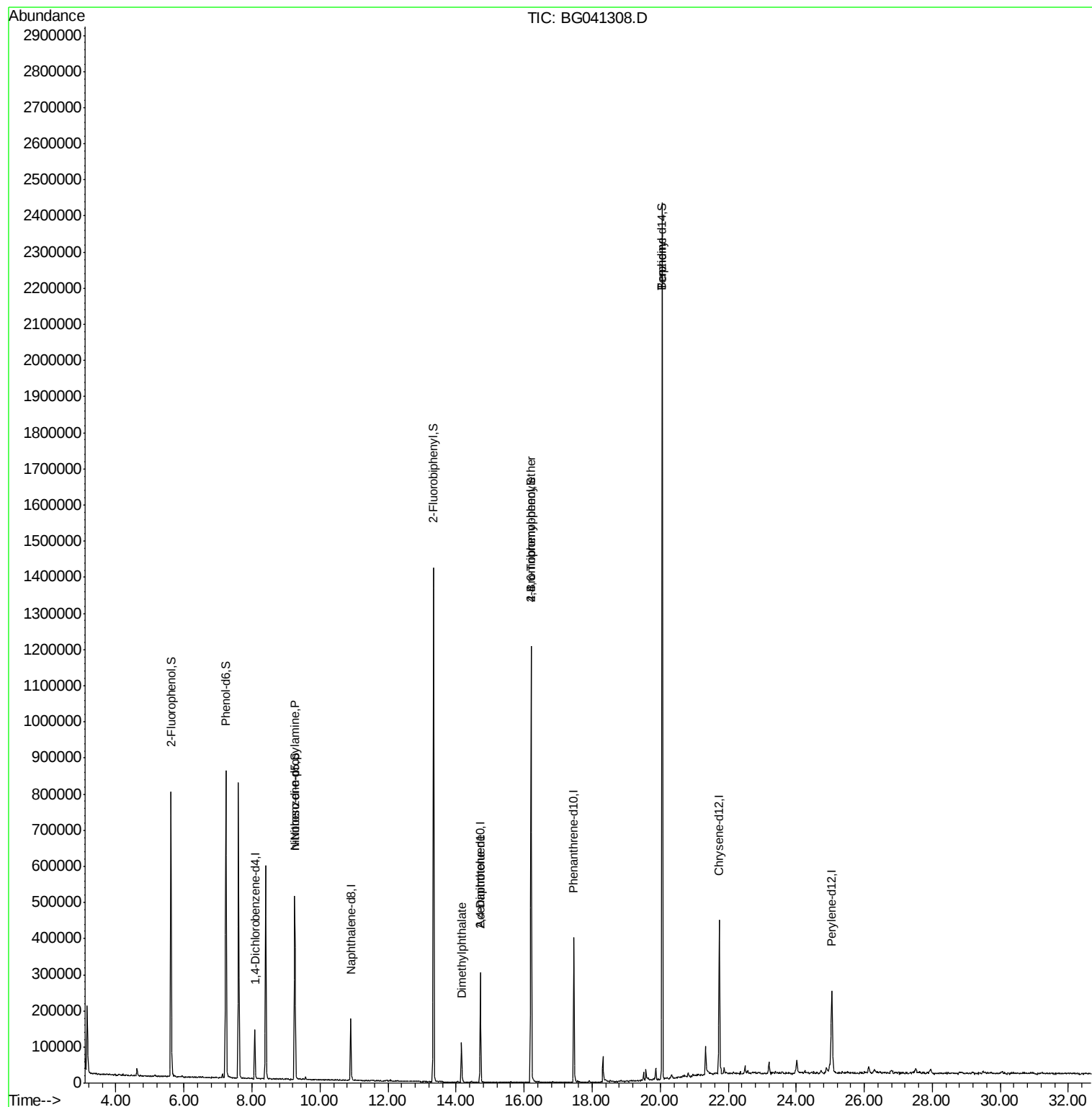
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39133	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	140135	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101932	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	254626	20.00	ng	0.00
76) Chrysene-d12	21.74	240	258541	20.00	ng	0.00
87) Perylene-d12	25.04	264	267984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	300596	141.14	ng	0.00
7) Phenol-d6	7.24	99	432672	140.15	ng	0.00
23) Nitrobenzene-d5	9.26	82	309547	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	221800	141.74	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	705322	94.05	ng	0.00
79) Terphenyl-d14	20.06	244	1172429	89.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	46756	18.726	ng	Qvalue # 80
50) Dimethylphthalate	14.16	163	74168	8.178	ng	99
57) 2,4-Dinitrotoluene	14.72	165	13428	4.804	ng	# 19
67) 4-Bromophenyl-phenylether	16.20	248	16555	5.028	ng	# 1
77) Benzidine	20.06	184	21017	3.361	ng	# 95

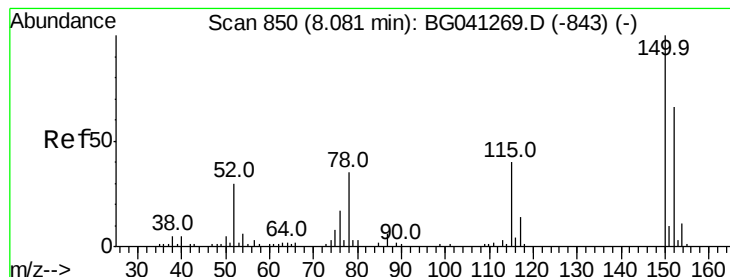
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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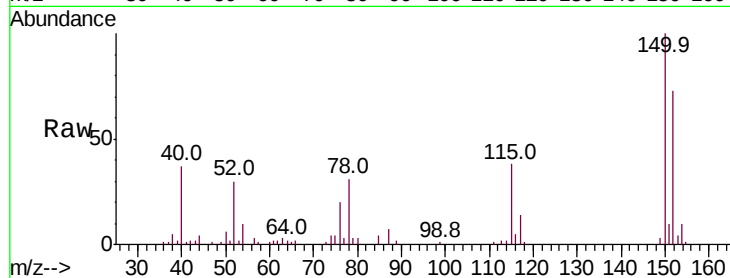


#1

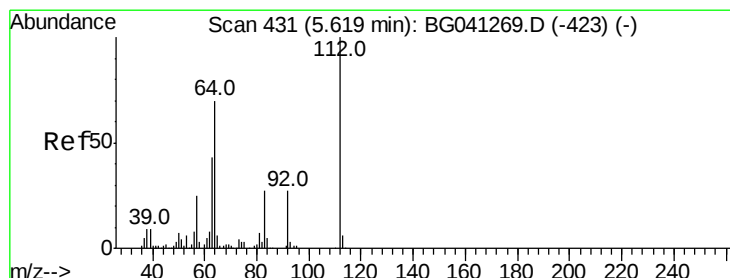
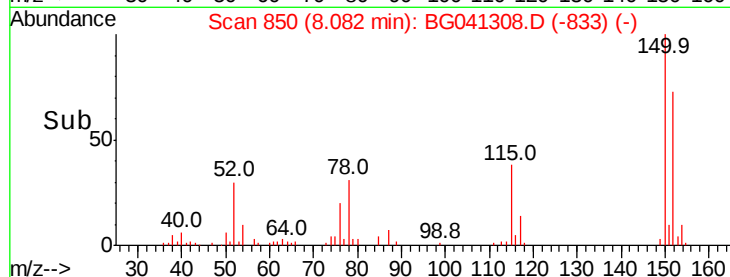
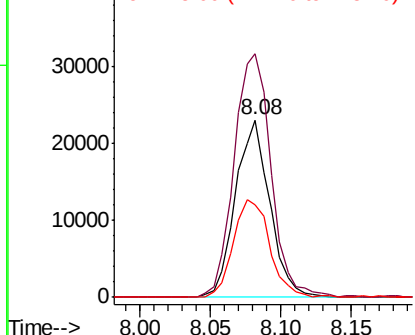
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39133
Ion Ratio Lower Upper
152 100
150 137.4 120.6 181.0
115 52.4 47.9 71.9



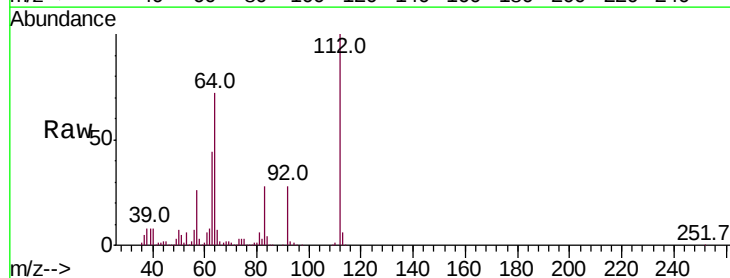
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



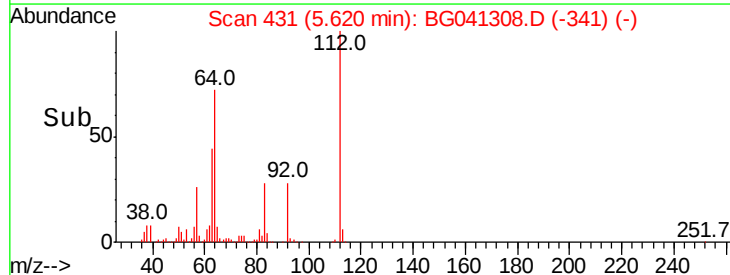
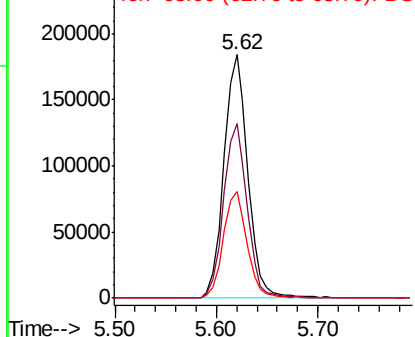
#5

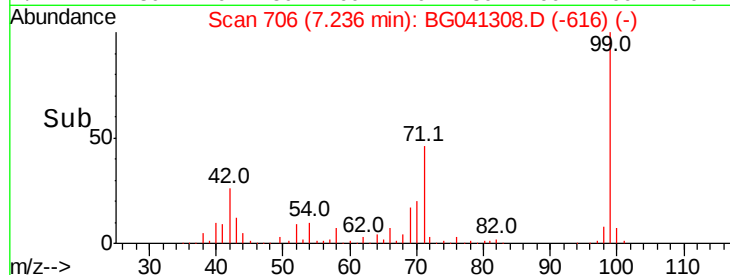
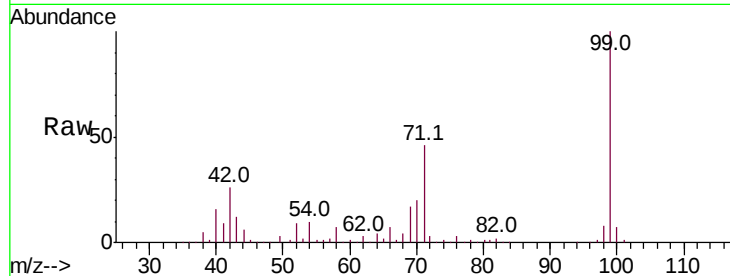
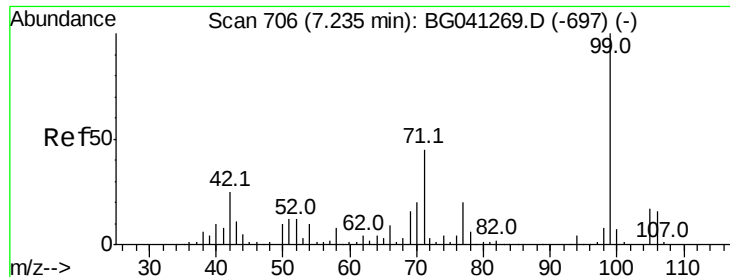
2-Fluorophenol
Concen: 141.139 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Tgt Ion:112 Resp: 300596
Ion Ratio Lower Upper
112 100
64 71.6 55.9 83.9
63 43.6 34.6 51.8



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: 140.153 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

Instrument :

BNA_G

ClientSampleId :

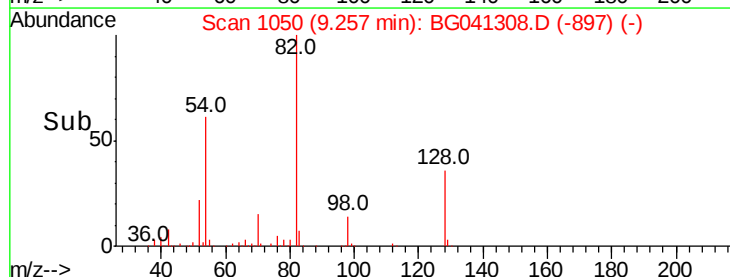
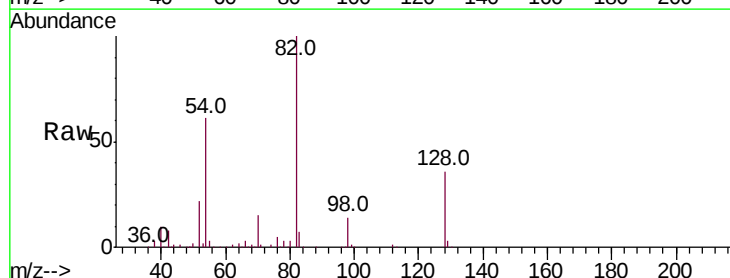
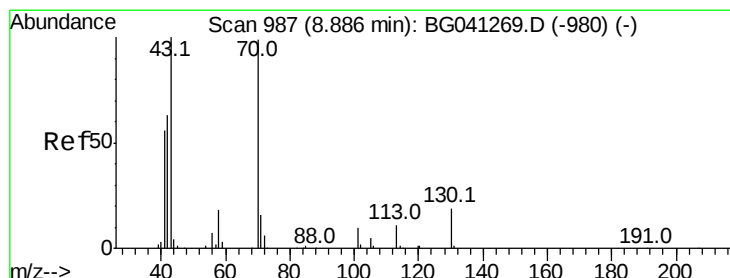
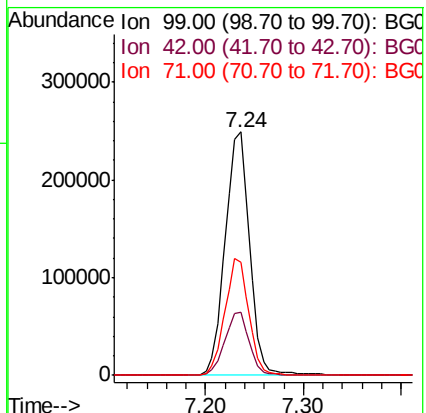
Tot Ion: 99 Resp: 432672

Ion Ratio Lower Upper

99 100

42 26.0 19.9 29.9

71 46.2 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.726 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

Tgt Ion: 70 Resp: 46756

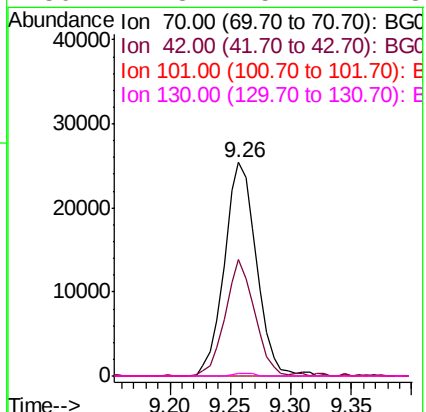
Ion Ratio Lower Upper

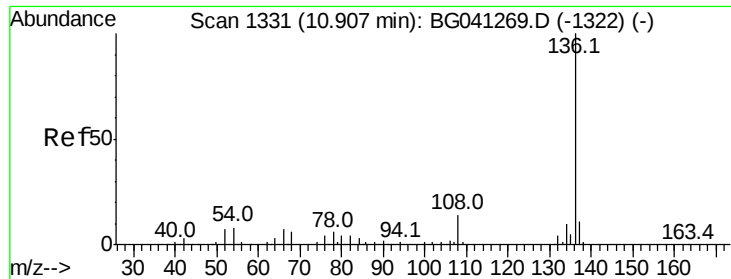
70 100

42 54.3 51.4 77.2

101 0.0 8.2 12.2#

130 1.3 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041308.D

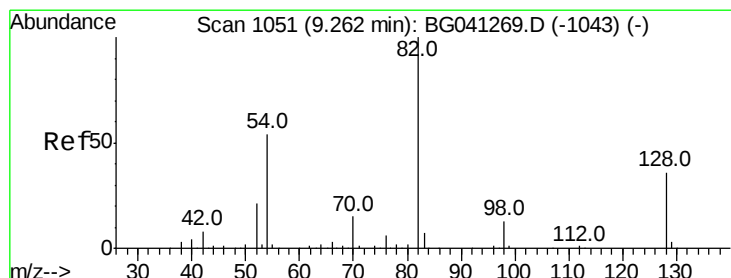
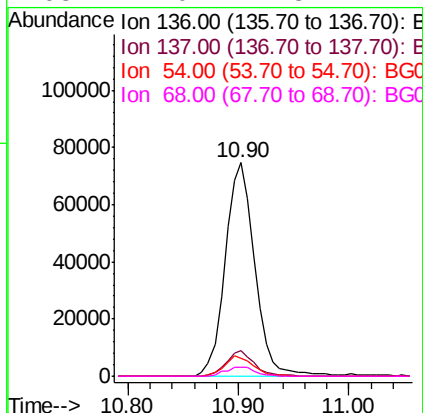
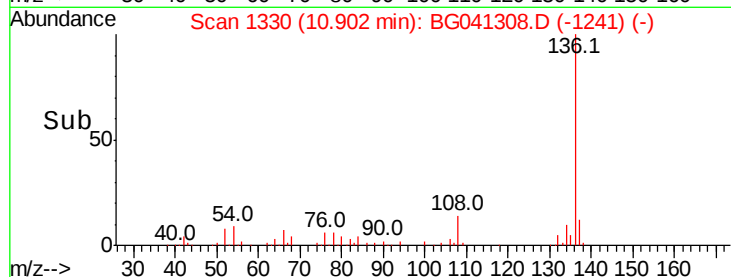
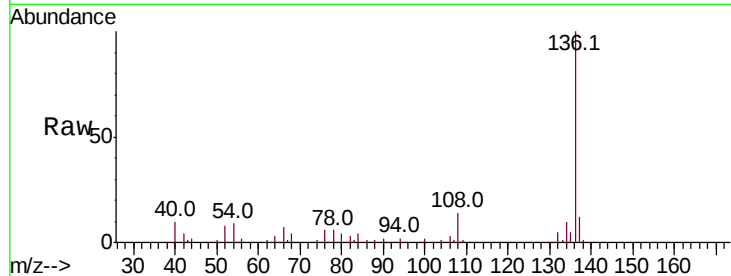
Acq: 18 Jun 2019 21:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	140135
Ion	Ratio	Lower Upper
136	100	
137	12.2	8.8 13.2
54	8.5	6.4 9.6
68	4.0	4.8 7.2#



#23

Nitrobenzene-d5

Concen: 92.899 ng

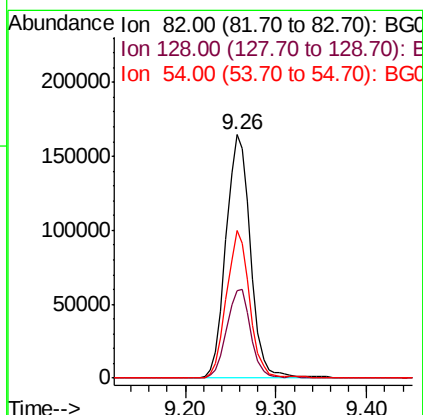
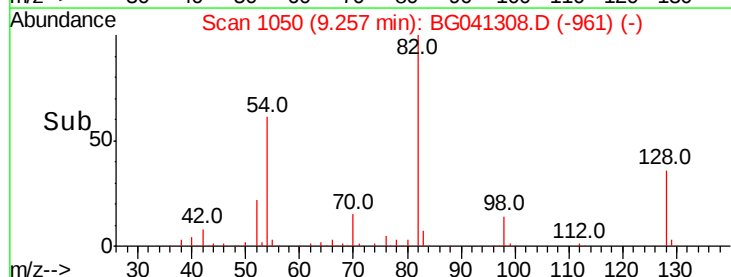
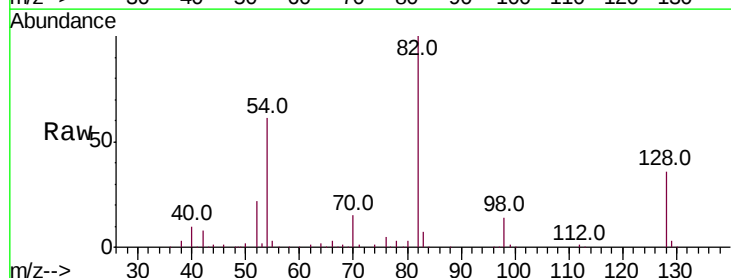
RT: 9.26 min Scan# 1050

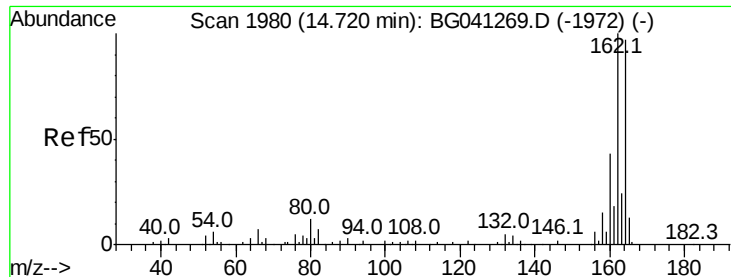
Delta R.T. -0.01 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

Tgt Ion: 82	Resp:	309547
Ion	Ratio	Lower Upper
82	100	
128	35.9	29.2 43.8
54	60.5	43.4 65.0

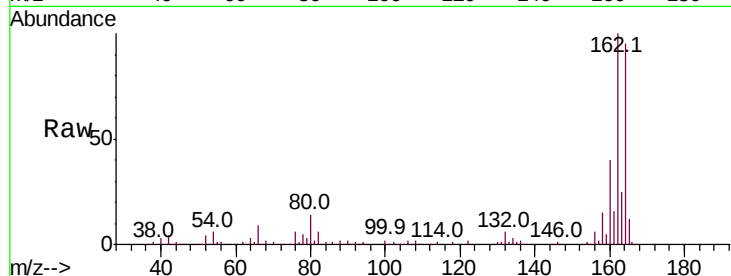




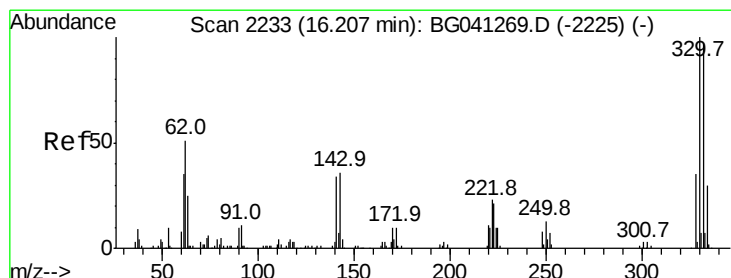
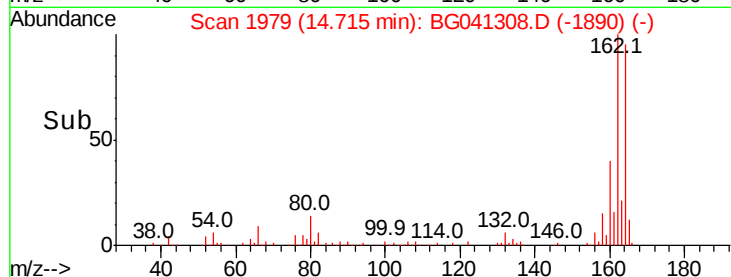
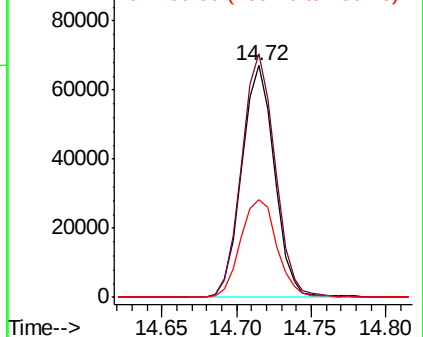
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 101932
Ion Ratio Lower Upper
164 100
162 105.0 82.8 124.2
160 42.0 35.8 53.8

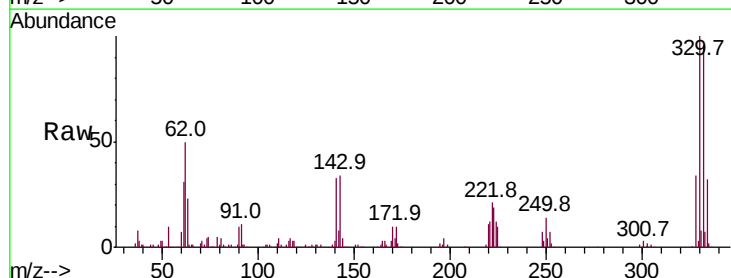


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

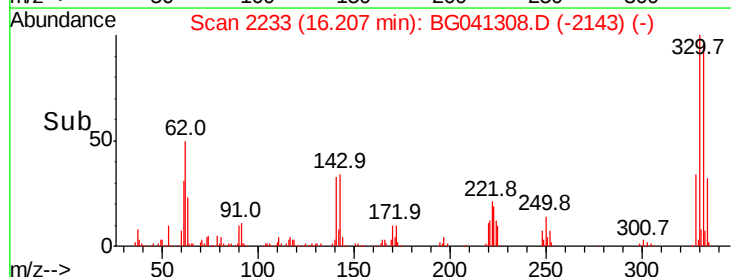
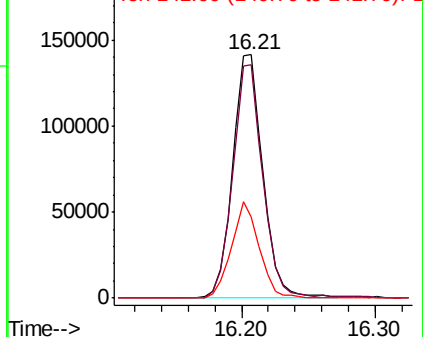


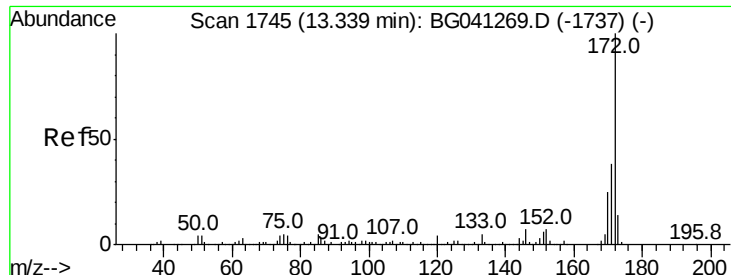
#42
2,4,6-Tribromophenol
Concen: 141.736 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Tgt Ion:330 Resp: 221800
Ion Ratio Lower Upper
330 100
332 96.4 75.5 113.3
141 36.6 29.0 43.4



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

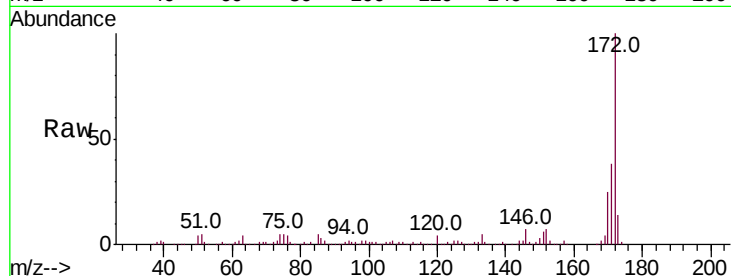




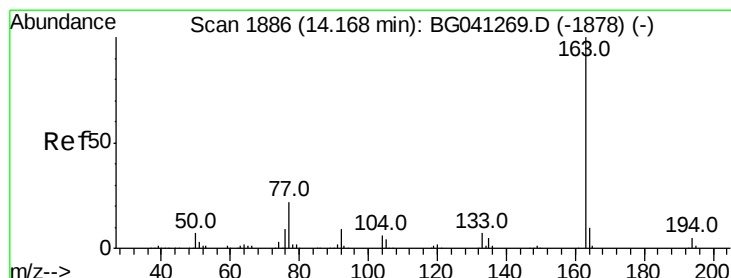
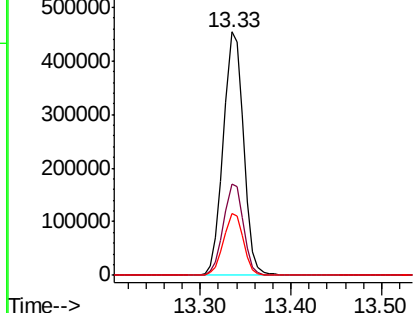
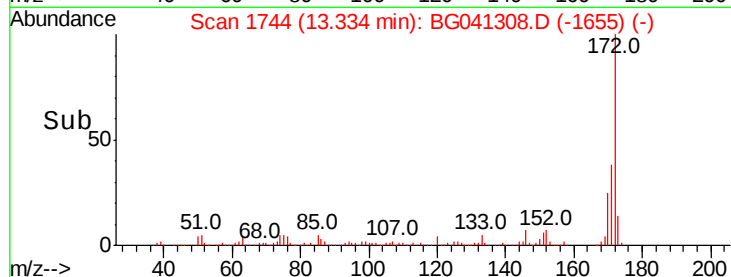
#45
2-Fluorobiphenyl
Concen: 94.047 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 705322
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 25.2 19.8 29.6

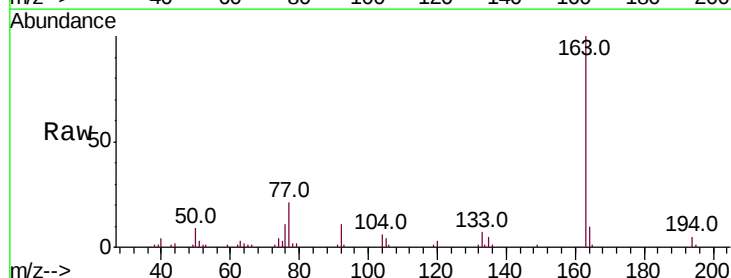


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

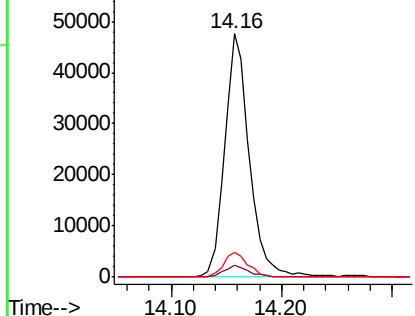
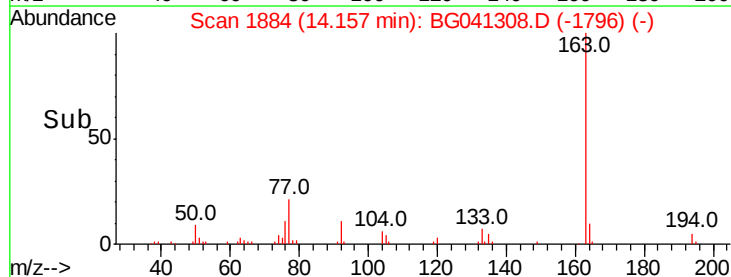


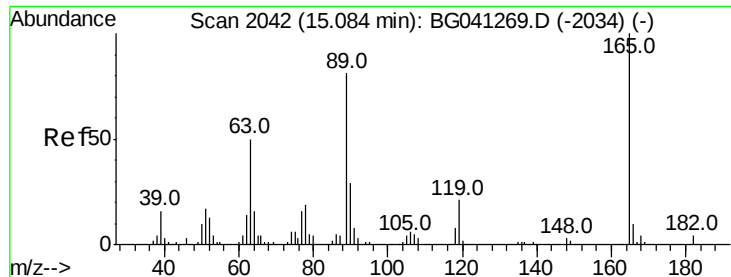
#50
Dimethylphthalate
Concen: 8.178 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Tgt Ion:163 Resp: 74168
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 10.0 8.3 12.5



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

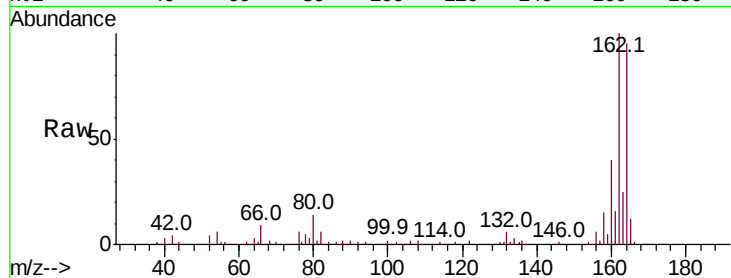




#57
 2,4-Dinitrotoluene
 Concen: 4.804 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041308.D
 Acq: 18 Jun 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#



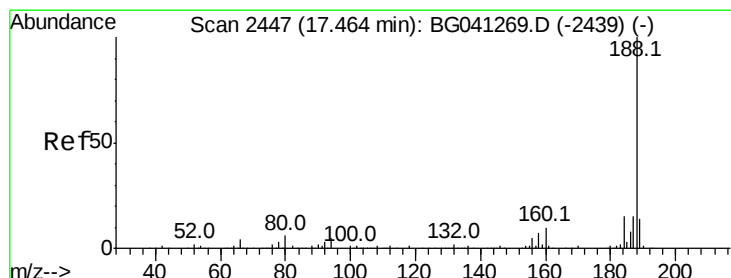
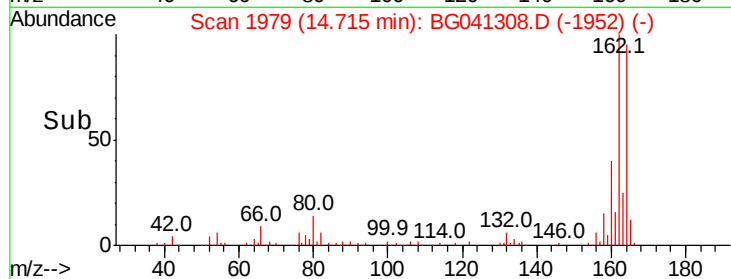
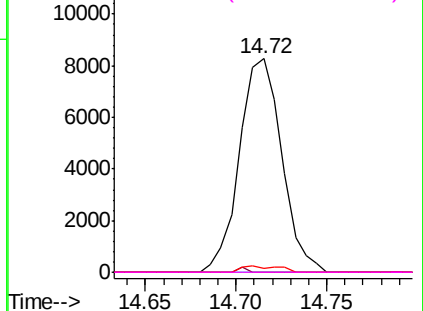
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

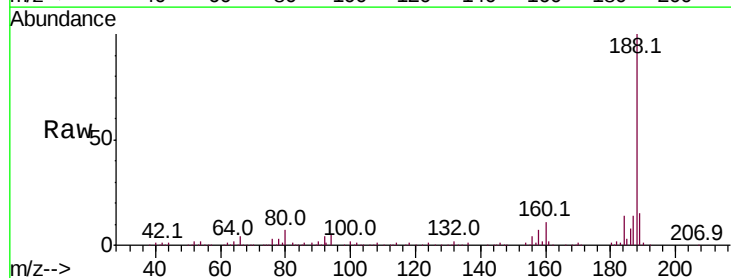
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG041308.D
 Acq: 18 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	6.8	4.8	7.2

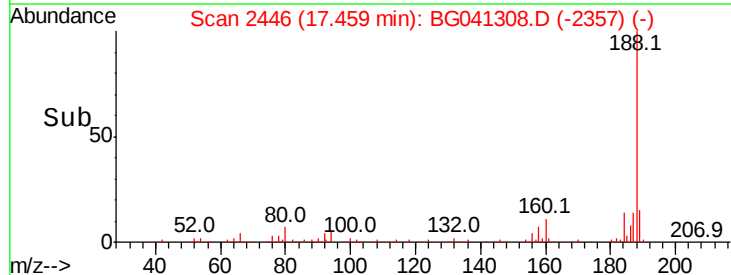
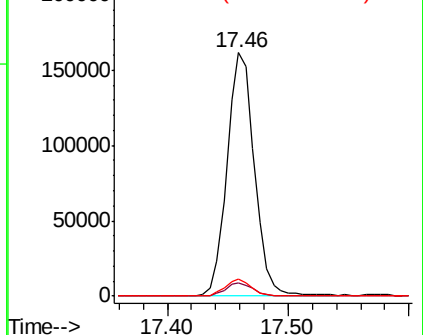


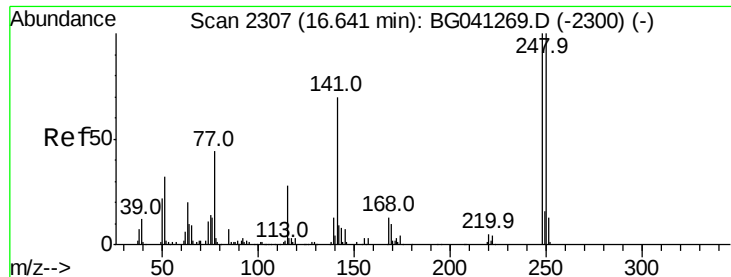
Abundance

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





#67

4-Bromophenyl-phenylether

Concen: 5.028 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.44 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

Instrument :

BNA_G

ClientSampled :

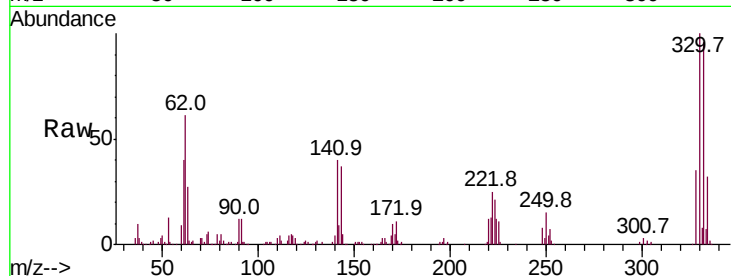
Tot Ion:248 Resp: 16555

Ion Ratio Lower Upper

248 100

250 197.5 79.8 119.8#

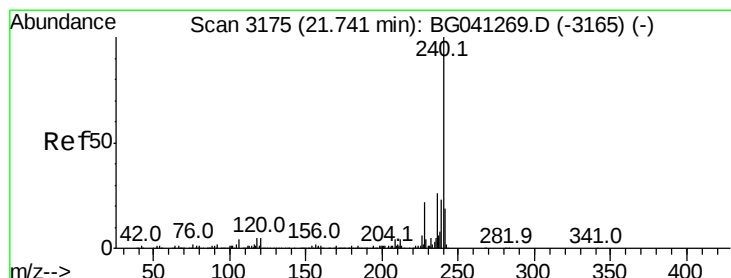
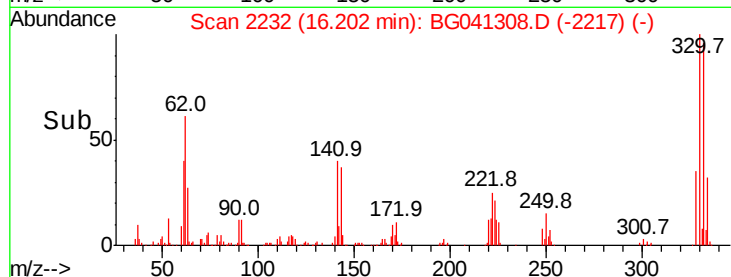
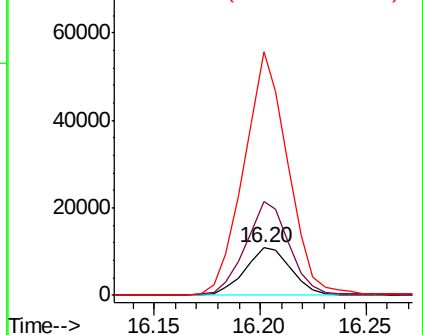
141 511.1 55.8 83.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

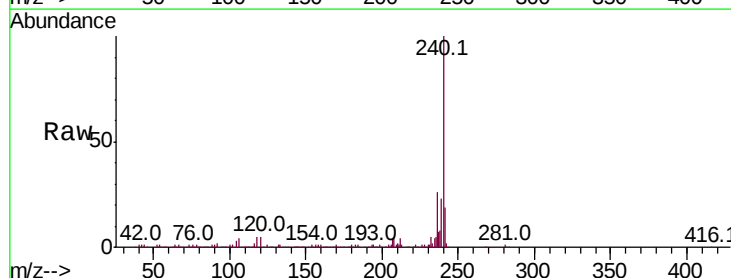
Tgt Ion:240 Resp: 258541

Ion Ratio Lower Upper

240 100

120 5.1 3.7 5.5

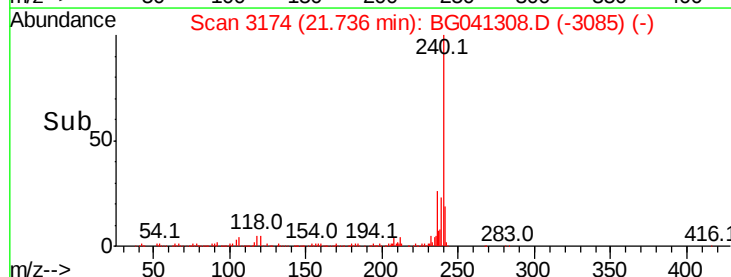
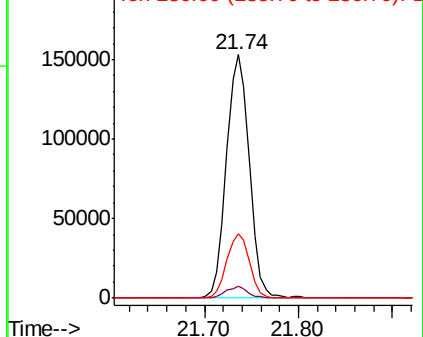
236 26.3 21.1 31.7

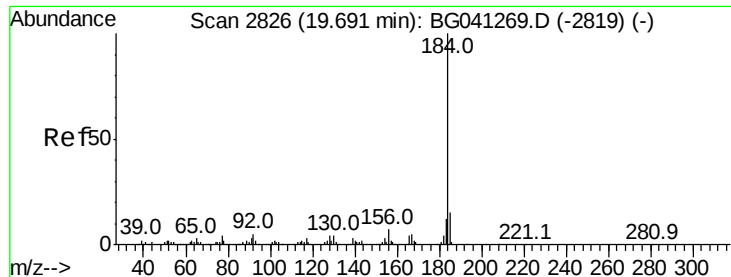


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.361 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

Instrument :

BNA_G

ClientSampleId :

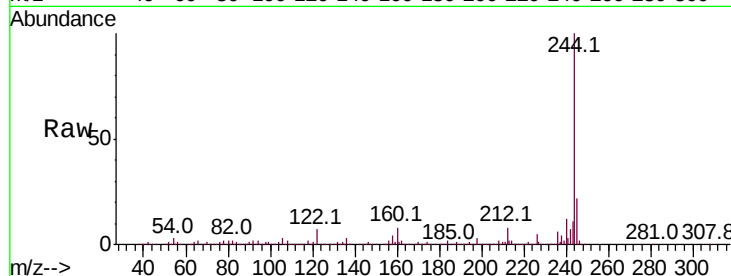
Tot Ion:184 Resp: 21017

Ion Ratio Lower Upper

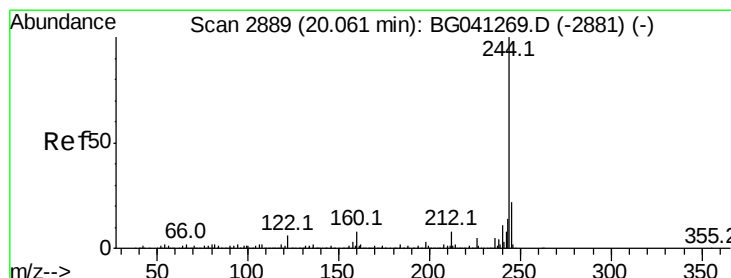
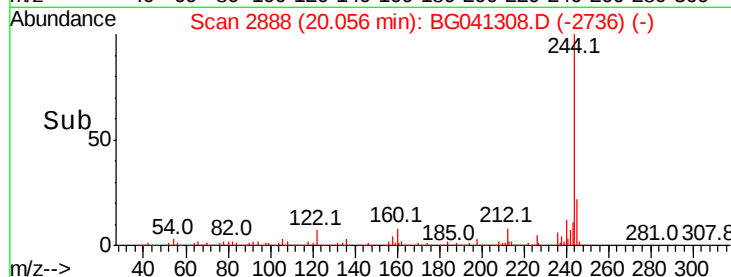
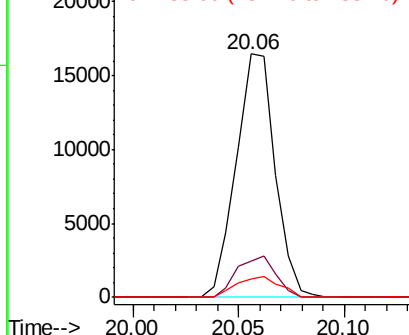
184 100

185 14.9 12.2 18.2

183 7.7 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.870 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG041308.D

Acq: 18 Jun 2019 21:54

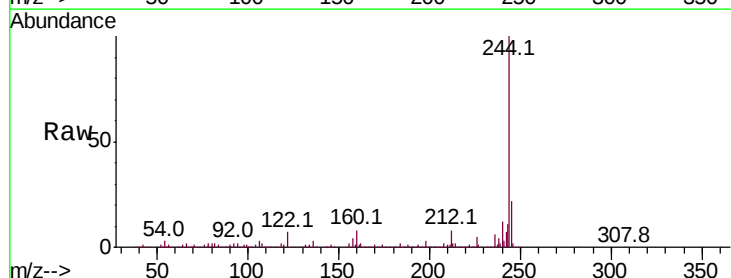
Tgt Ion:244 Resp: 1172429

Ion Ratio Lower Upper

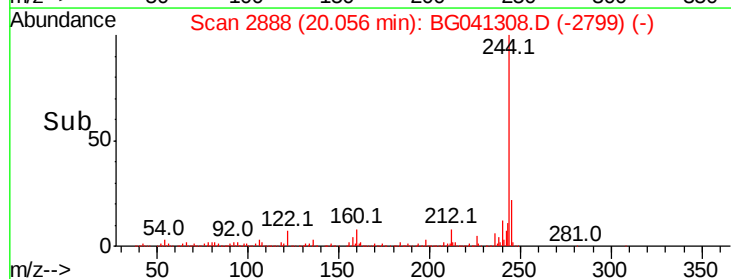
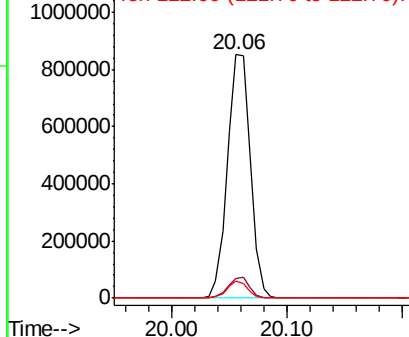
244 100

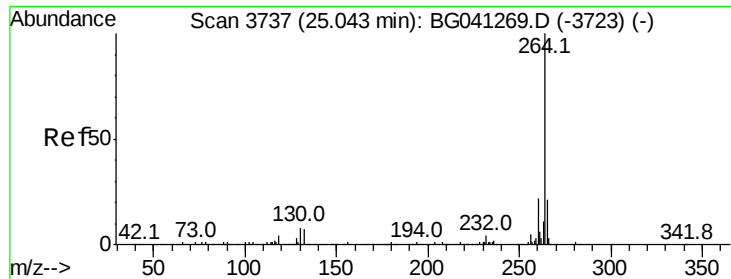
212 8.3 6.6 10.0

122 6.9 5.0 7.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041308.D
Acq: 18 Jun 2019 21:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.2
265	21.9	17.2	25.8

