

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041333.D
 Acq On : 19 Jun 2019 18:14
 Operator : HP/JU
 Sample : K3154-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 18:57:30 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

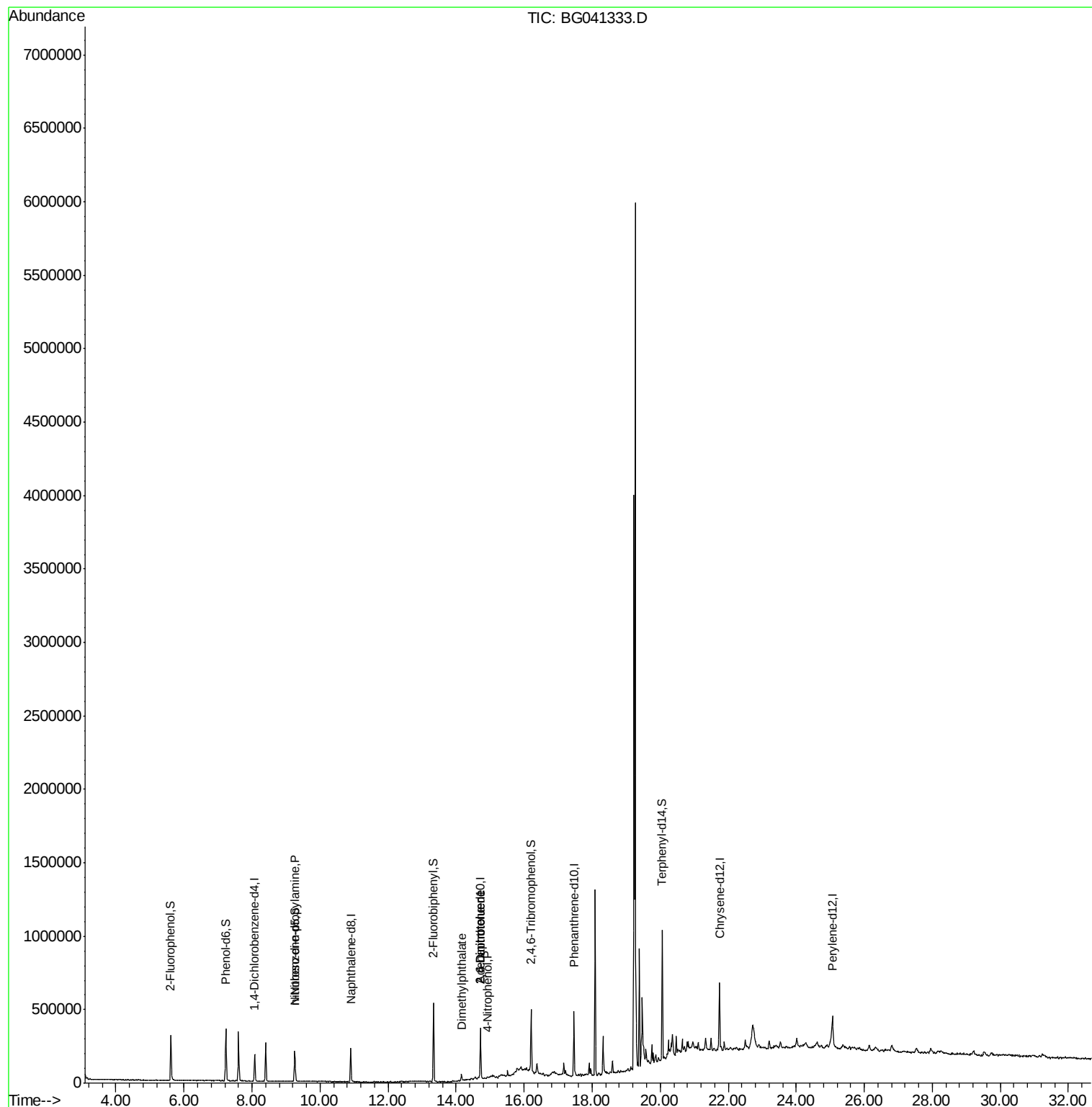
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47622	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	184631	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119355	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	268384	20.00	ng	0.00
76) Chrysene-d12	21.74	240	278196	20.00	ng	0.00
87) Perylene-d12	25.06	264	283908	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	124343	47.98	ng	0.00
7) Phenol-d6	7.23	99	185623	49.41	ng	0.00
23) Nitrobenzene-d5	9.26	82	133942	30.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	79996	43.66	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	276595	31.50	ng	0.00
79) Terphenyl-d14	20.06	244	420835	29.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	19475	6.409	ng	# 76
50) Dimethylphthalate	14.16	163	27428	2.583	ng	100
51) 2,6-Dinitrotoluene	14.72	165	16593	7.410	ng	# 17
56) 4-Nitrophenol	14.93	139	56	3.248	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	16593	5.069	ng	# 20

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041333.D
Acq On : 19 Jun 2019 18:14
Operator : HP/JU
Sample : K3154-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 19 18:57:30 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



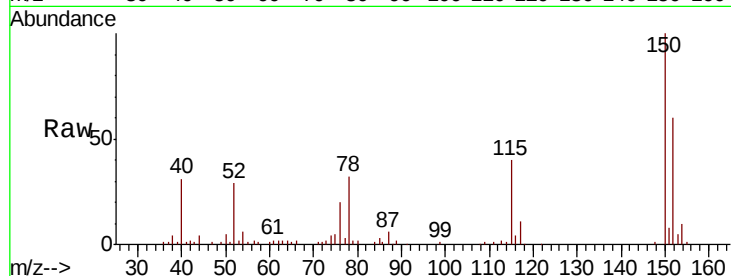


#1

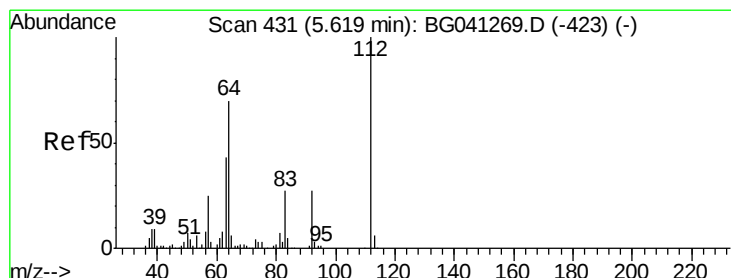
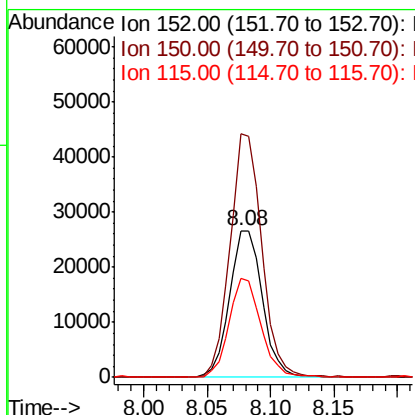
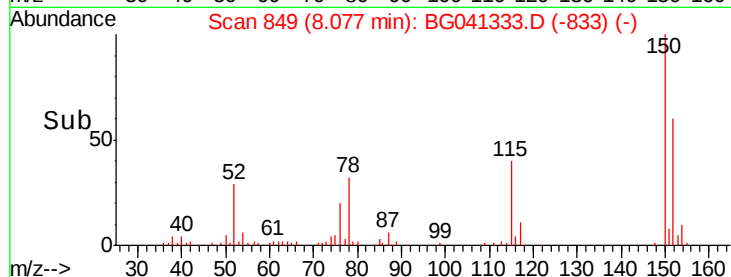
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47622
Ion Ratio Lower Upper
152 100
150 165.7 120.6 181.0
115 67.1 47.9 71.9



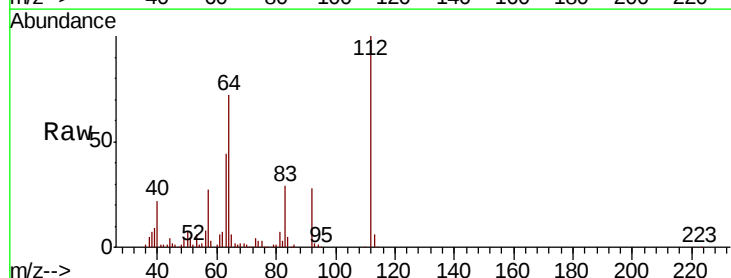
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



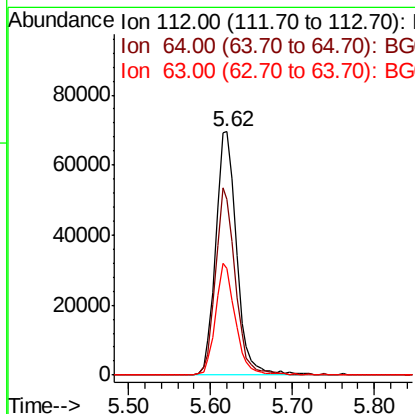
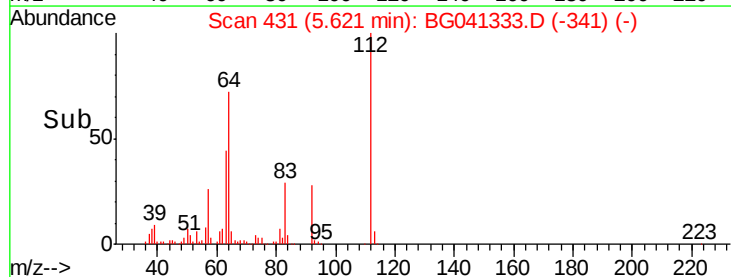
#5

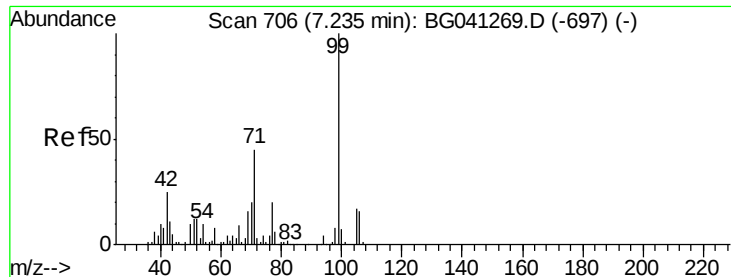
2-Fluorophenol
Concen: 47.976 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

Tgt Ion:112 Resp: 124343
Ion Ratio Lower Upper
112 100
64 72.0 55.9 83.9
63 43.8 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: 49.409 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

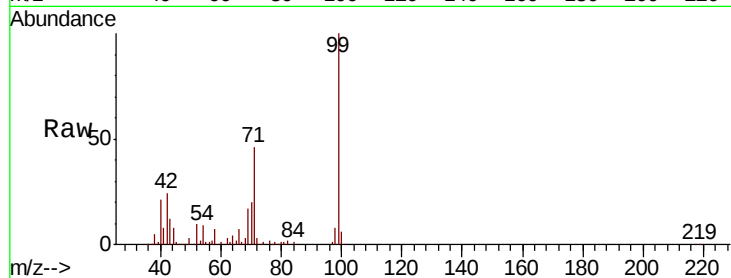
Tot Ion: 99 Resp: 185623

Ion Ratio Lower Upper

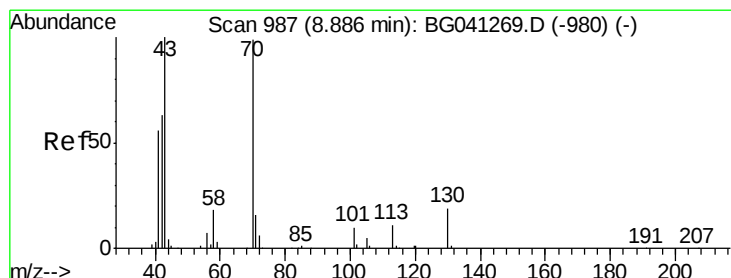
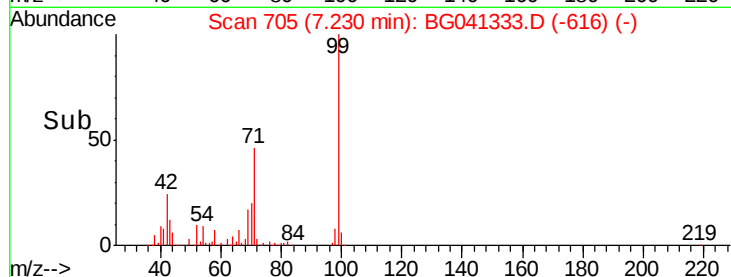
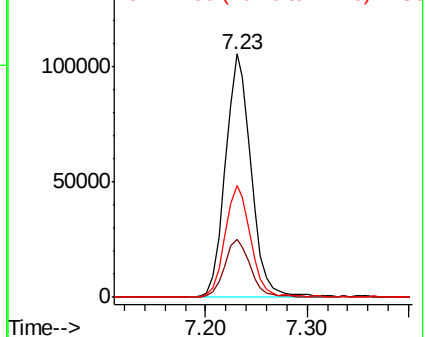
99 100

42 23.8 19.9 29.9

71 45.7 36.4 54.6



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: 6.409 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

Tgt Ion: 70 Resp: 19475

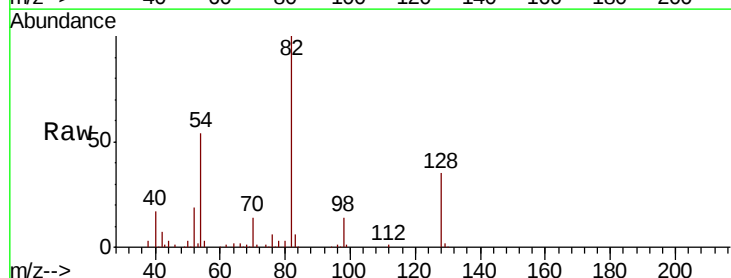
Ion Ratio Lower Upper

70 100

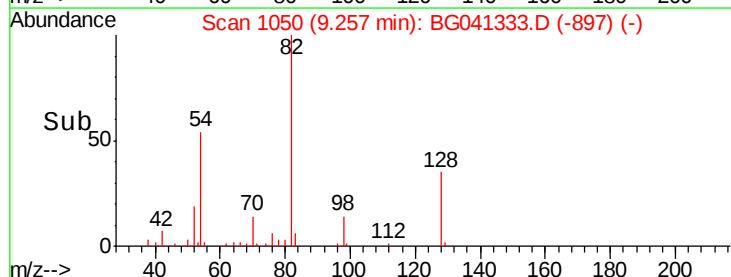
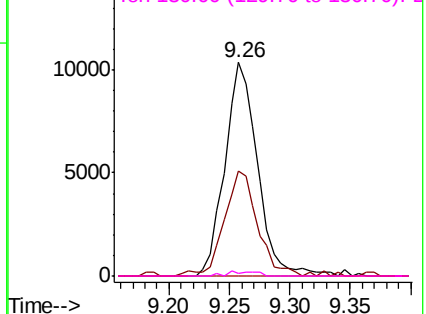
42 49.0 51.4 77.2#

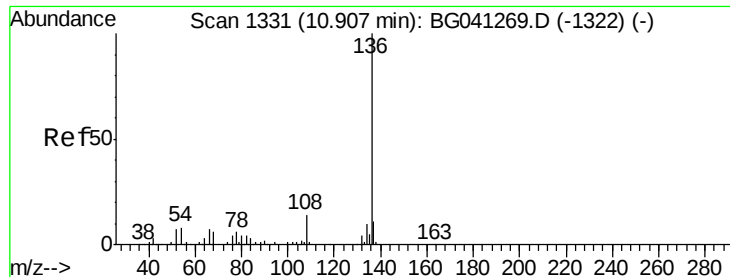
101 0.0 8.2 12.2#

130 1.5 15.2 22.8#



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

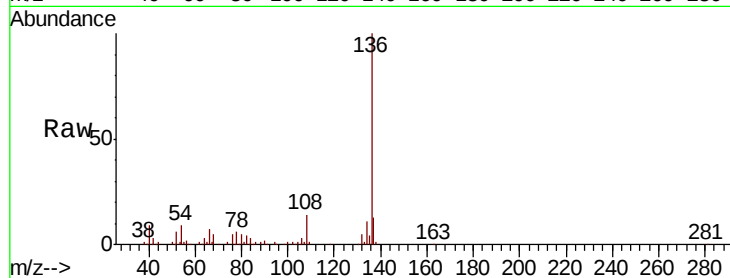




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	184631
Ion Ratio	Lower	Upper
136	100	
137	12.6	8.8 13.2
54	9.4	6.4 9.6
68	4.8	4.8 7.2#



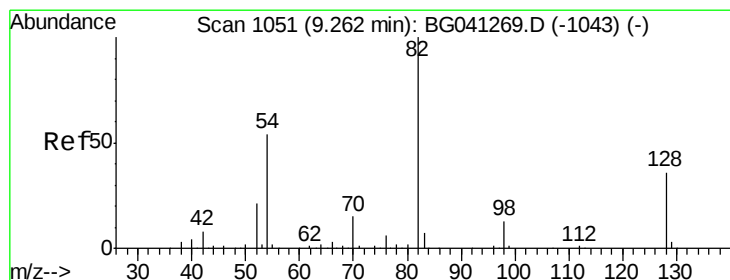
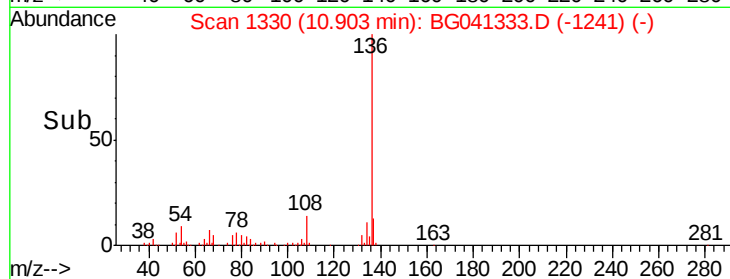
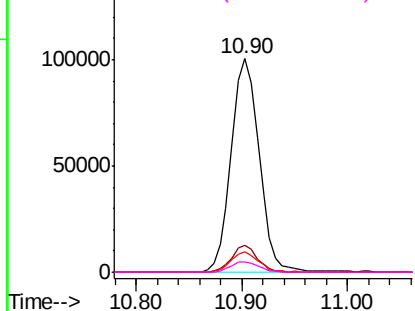
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

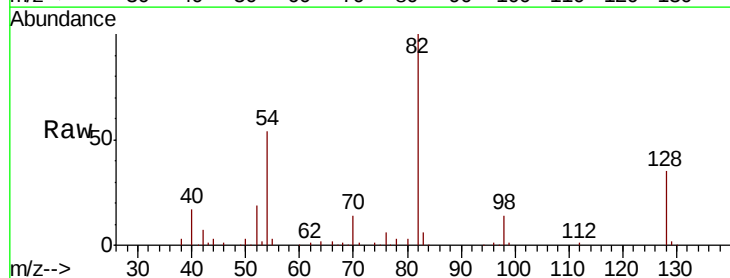
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 30.510 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

Tgt Ion: 82	Resp:	133942
Ion Ratio	Lower	Upper
82	100	
128	34.6	29.2 43.8
54	54.2	43.4 65.0

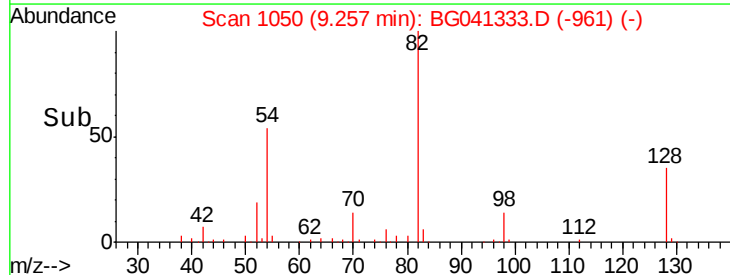
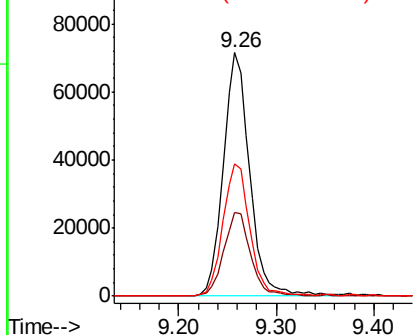


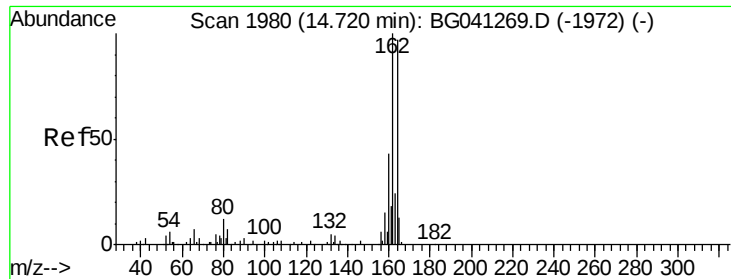
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

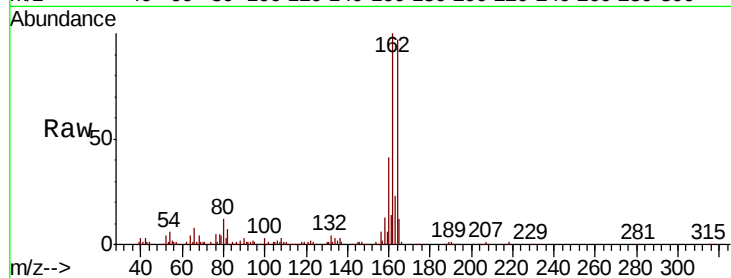
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 119355

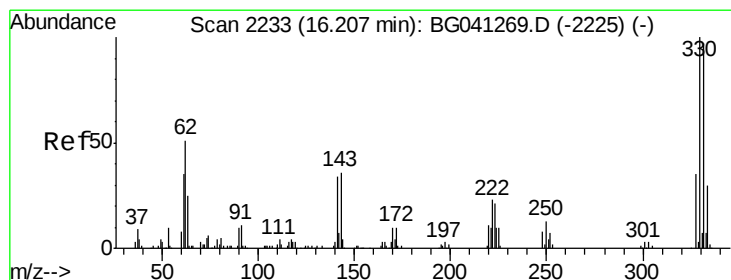
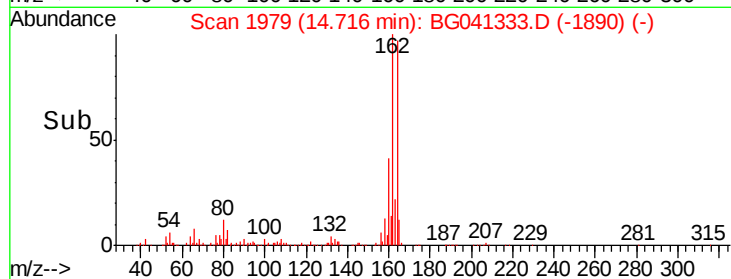
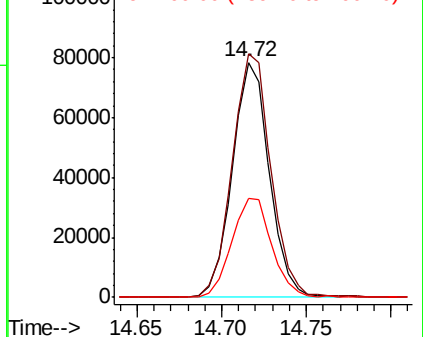
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	42.1	35.8	53.8



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: 43.657 ng

RT: 16.21 min Scan# 2233

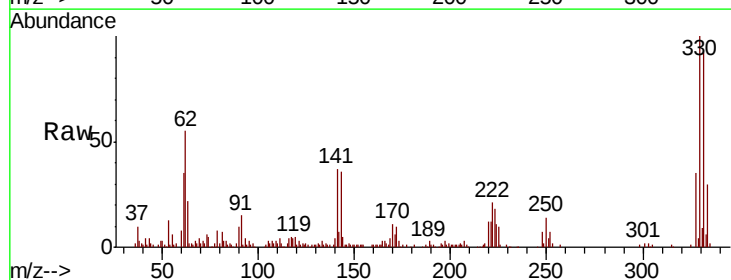
Delta R.T. 0.00 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

Tgt Ion:330 Resp: 79996

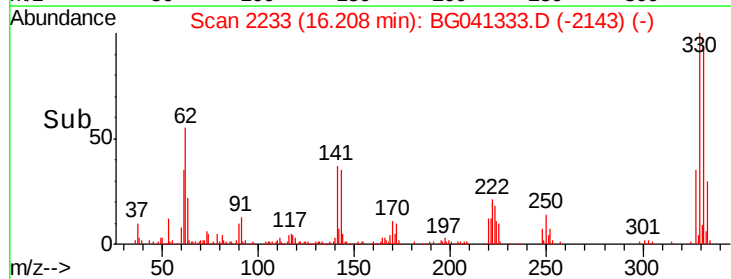
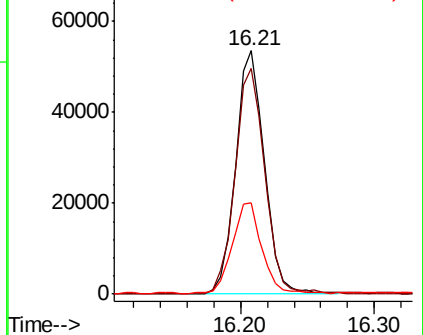
Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	39.6	29.0	43.4

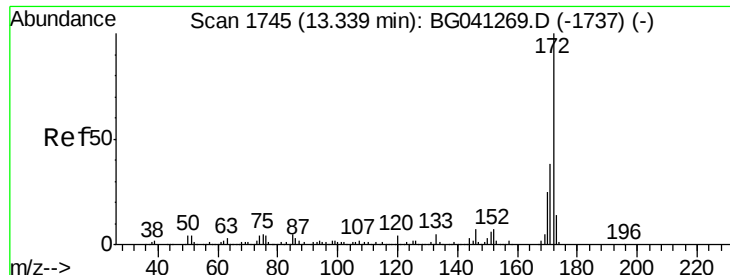


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

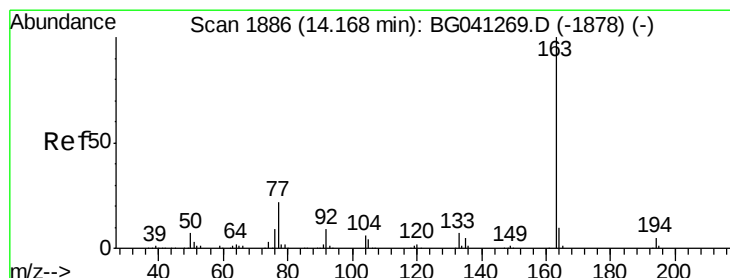
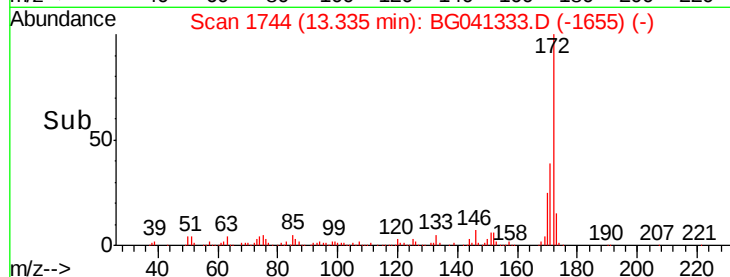
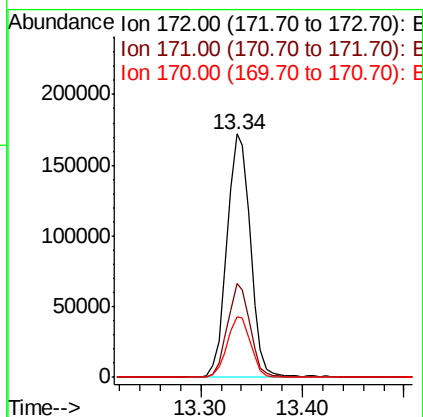
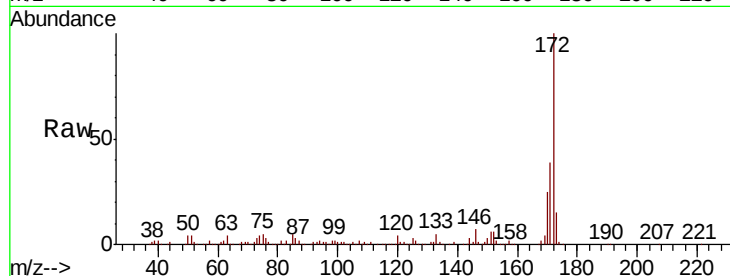




#45
2-Fluorobiphenyl
Concen: 31.497 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

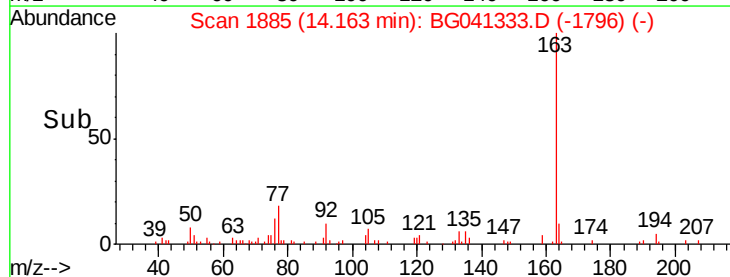
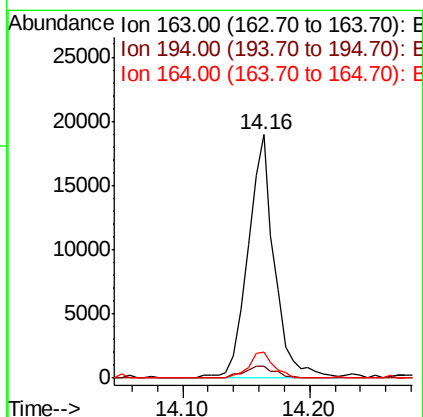
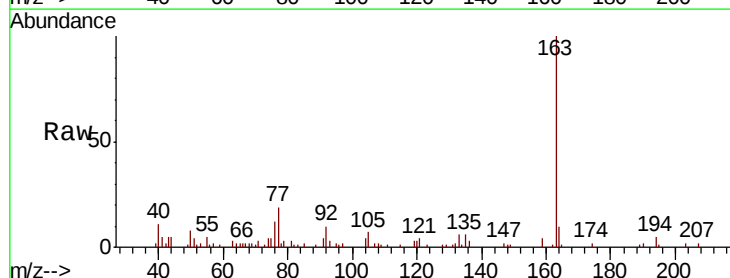
Instrument :
BNA_G
ClientSampleId :

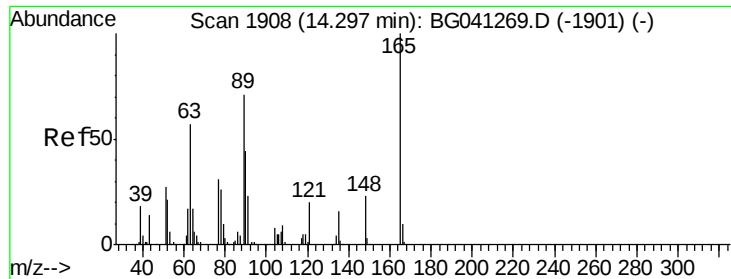
Tot Ion:172 Resp: 276595
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 24.6 19.8 29.6



#50
Dimethylphthalate
Concen: 2.583 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041333.D
Acq: 19 Jun 2019 18:14

Tgt Ion:163 Resp: 27428
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 10.5 8.3 12.5

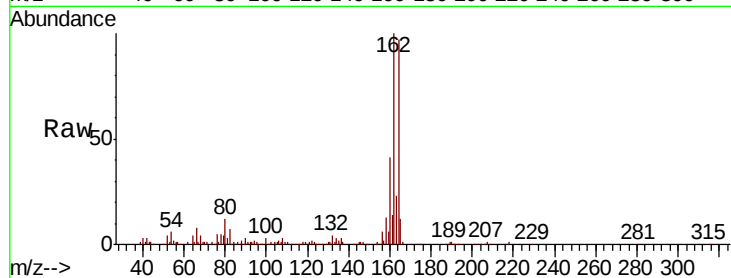




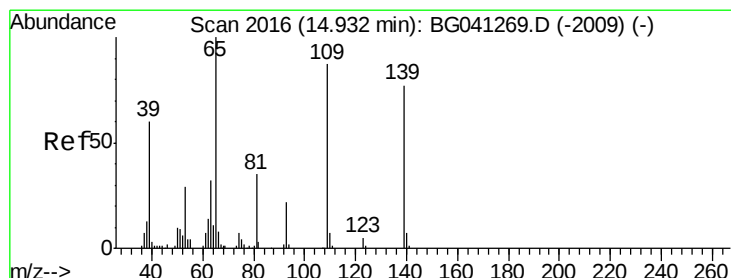
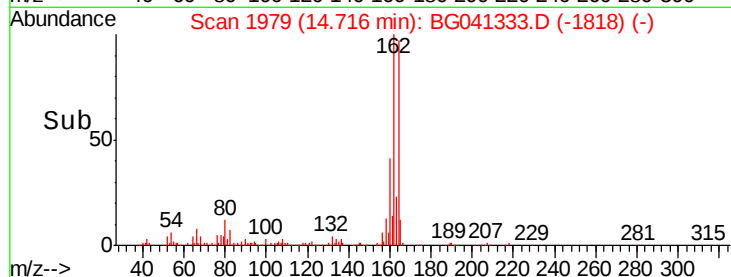
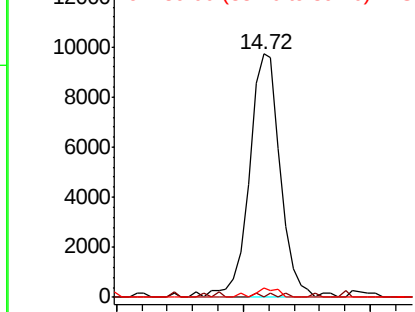
#51
 2,6-Dinitrotoluene
 Concen: 7.410 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041333.D
 Acq: 19 Jun 2019 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	3.7	56.5	84.7#

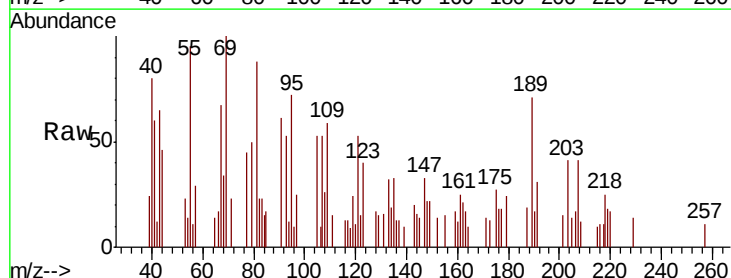


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

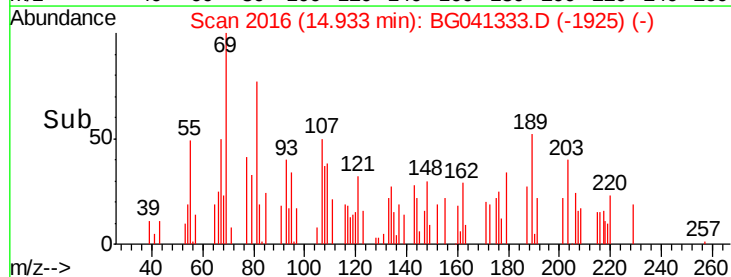
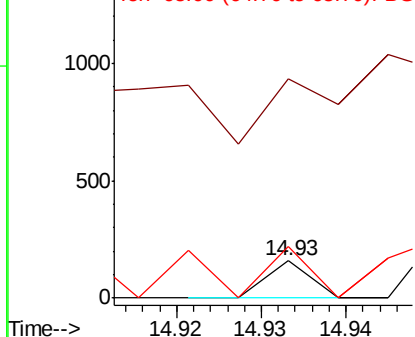


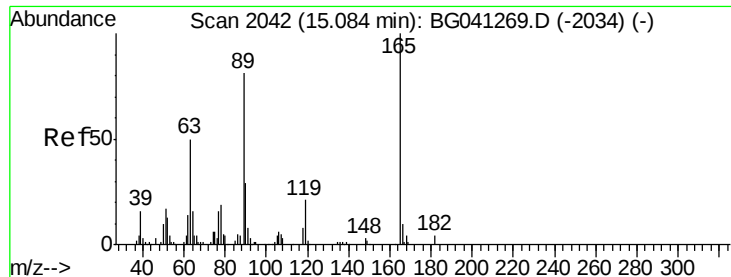
#56
 4-Nitrophenol
 Concen: 3.248 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG041333.D
 Acq: 19 Jun 2019 18:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	589.3	93.2	133.2#
65	137.1	110.2	150.2



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

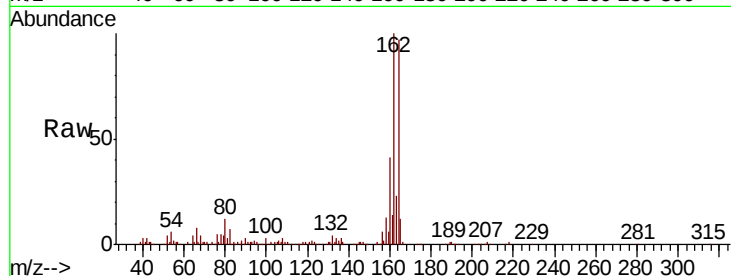




#57
 2,4-Dinitrotoluene
 Concen: 5.069 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041333.D
 Acq: 19 Jun 2019 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	3.7	64.6	96.8#
182	0.0	2.9	4.3#

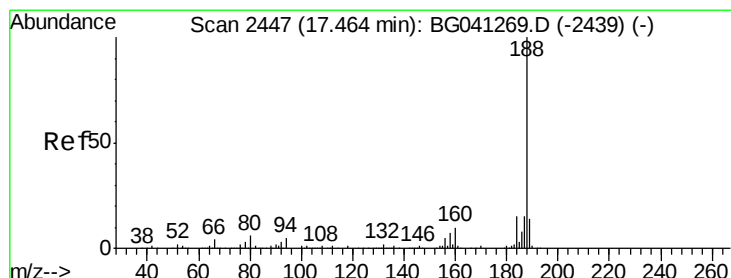
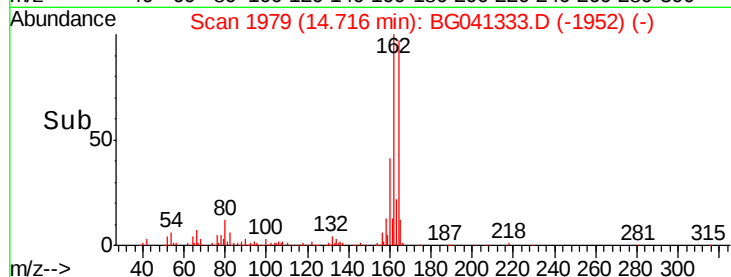
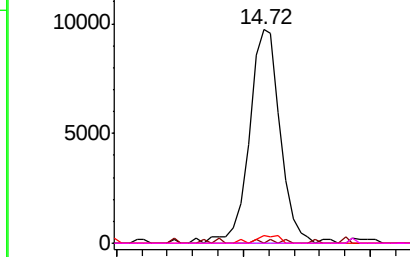


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

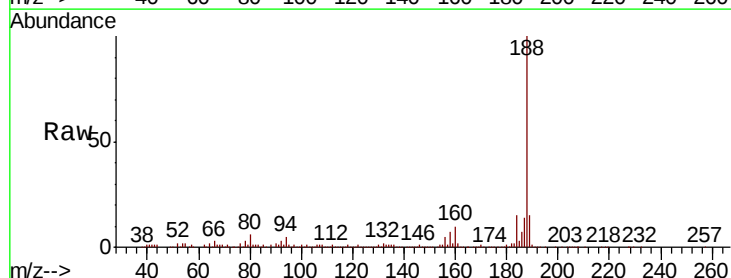
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041333.D
 Acq: 19 Jun 2019 18:14

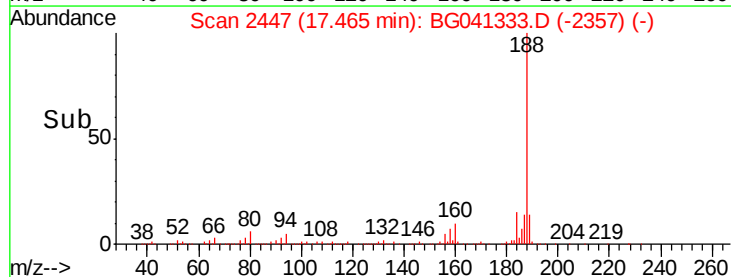
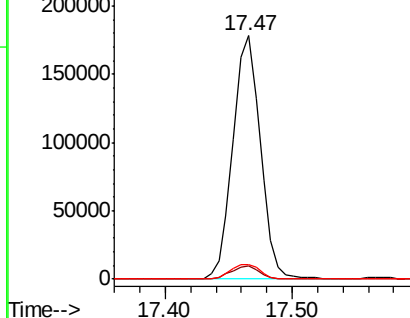
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	6.1	4.8	7.2

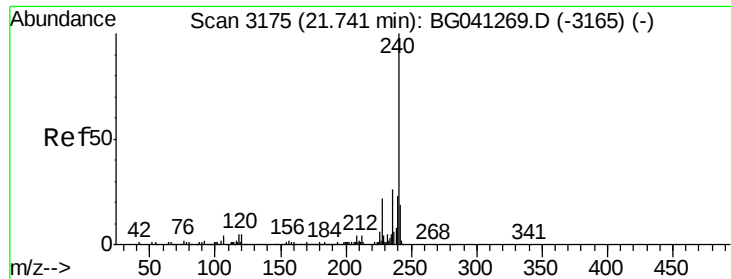


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

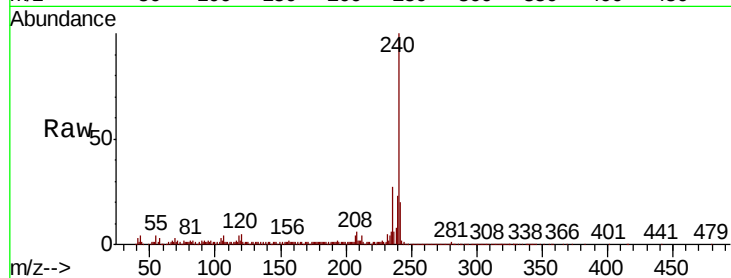
Tot Ion:240 Resp: 278196

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

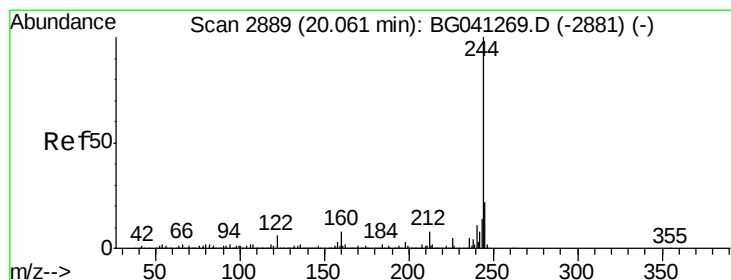
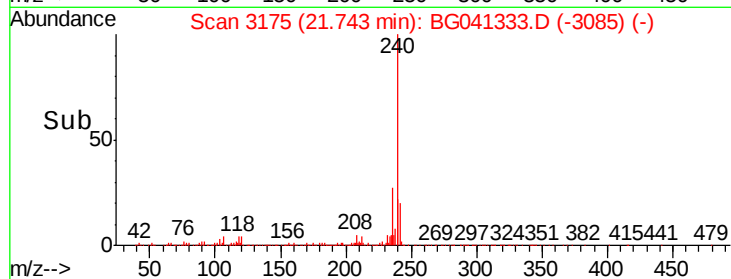
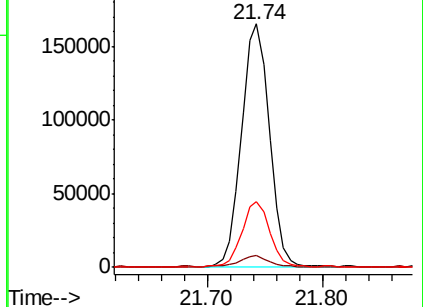
236 27.2 21.1 31.7



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



#79

Terphenyl-d14

Concen: 29.979 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041333.D

Acq: 19 Jun 2019 18:14

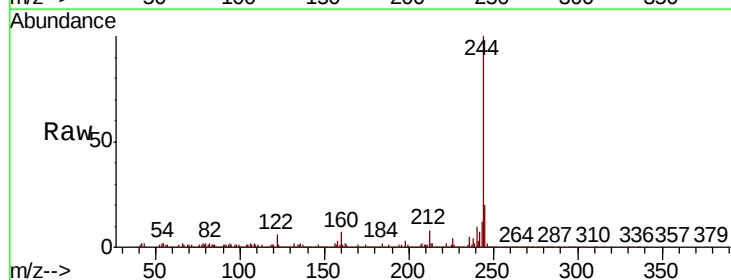
Tgt Ion:244 Resp: 420835

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

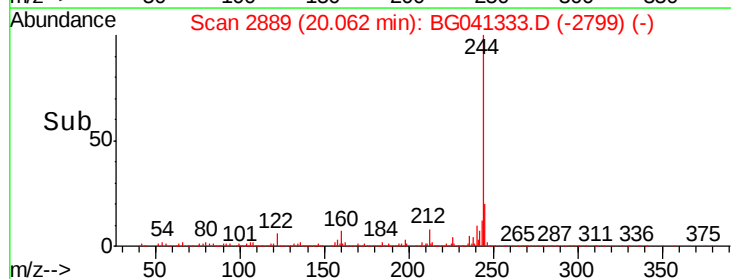
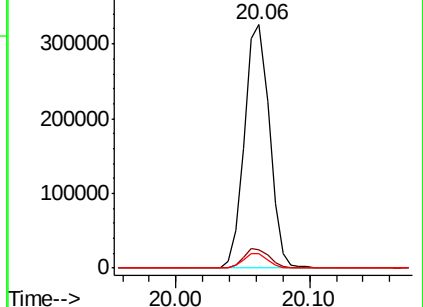
122 6.1 5.0 7.4

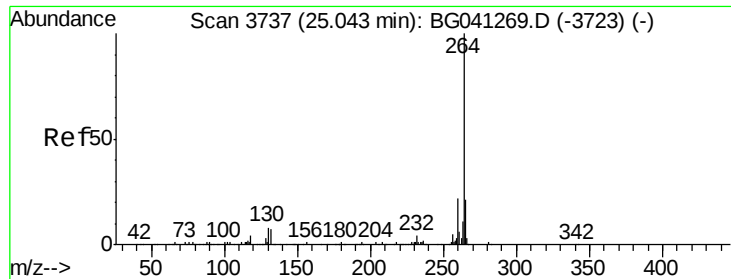


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3740
 Delta R.T. 0.02 min
 Lab File: BG041333.D
 Acq: 19 Jun 2019 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	283908
Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.2
265	22.3	17.2	25.8

