

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
 Data File : BG041364.D
 Acq On : 20 Jun 2019 19:38
 Operator : HP/JU
 Sample : K3382-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 01:33:50 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

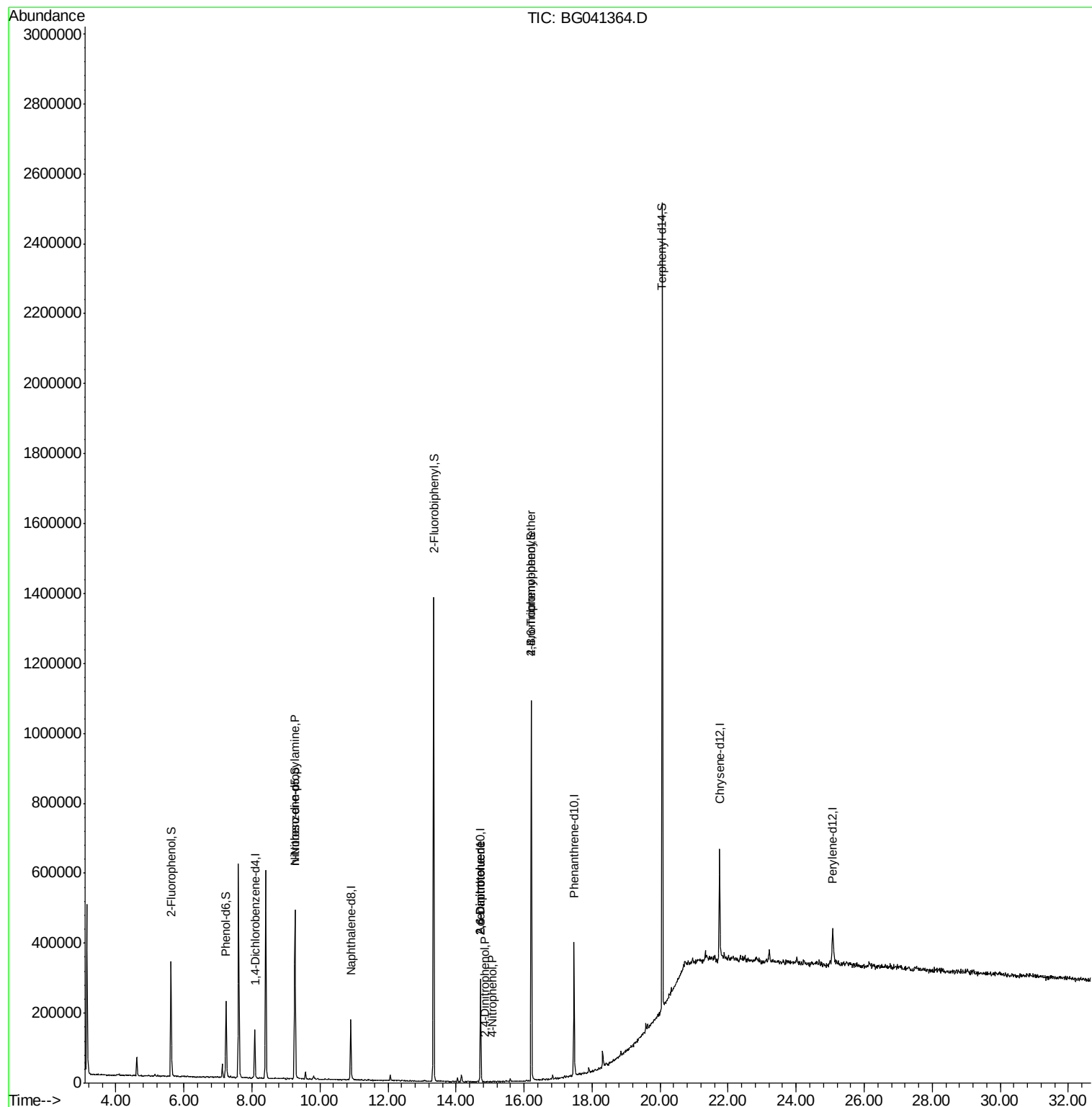
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39458	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	144731	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102333	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	235981	20.00	ng	0.00
76) Chrysene-d12	21.74	240	223225	20.00	ng	0.00
87) Perylene-d12	25.07	264	147029	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	133123	61.99	ng	0.00
7) Phenol-d6	7.24	99	122539	39.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	296188	86.07	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207069	131.80	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	700859	93.09	ng	0.00
79) Terphenyl-d14	20.06	244	1057472	93.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	42401	16.842	ng	# 81
51) 2,6-Dinitrotoluene	14.72	165	13275	6.915	ng	# 17
54) 2,4-Dinitrophenol	14.85	184	66	4.891	ng	# 13
56) 4-Nitrophenol	15.08	139	53	3.251	ng	# 36
57) 2,4-Dinitrotoluene	14.72	165	13275	4.730	ng	# 20
67) 4-Bromophenyl-phenylether	16.21	248	15323	5.022	ng	# 1

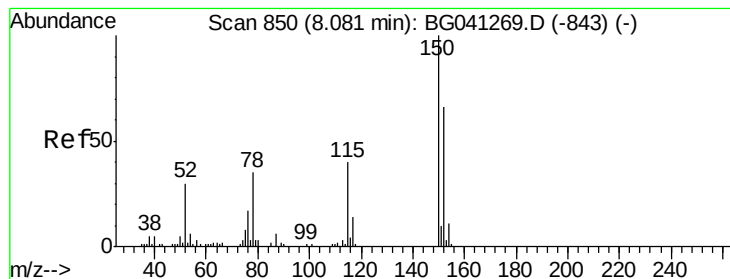
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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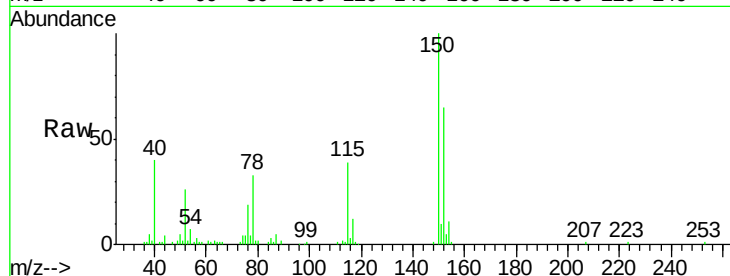


#1

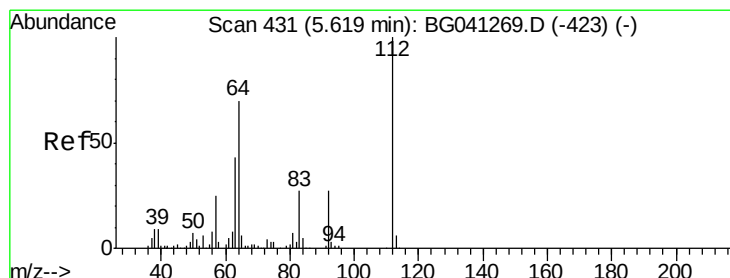
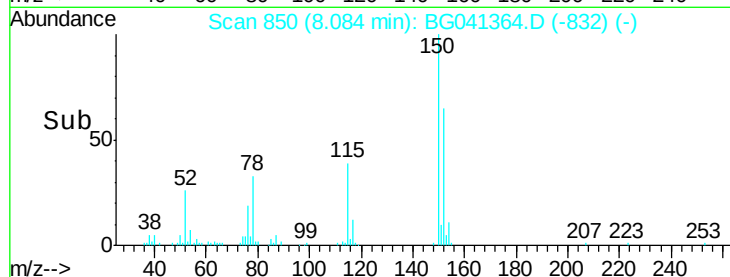
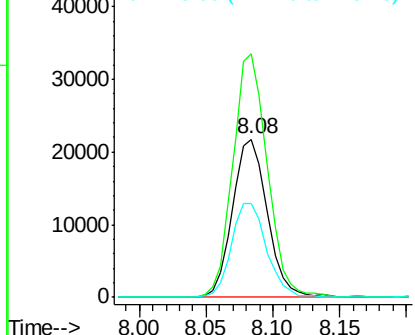
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39458
Ion Ratio Lower Upper
152 100
150 154.1 120.6 181.0
115 59.5 47.9 71.9



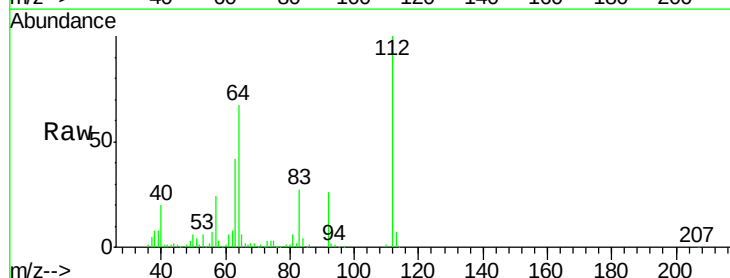
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



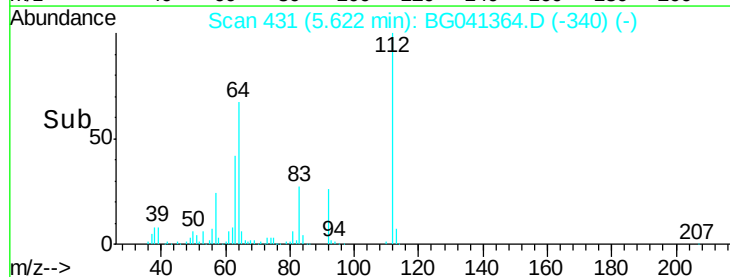
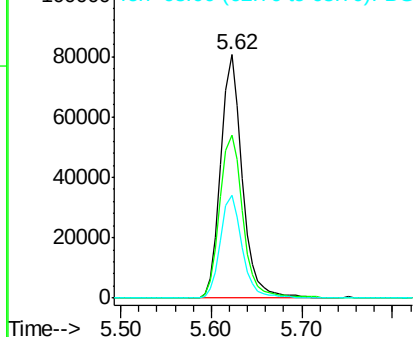
#5

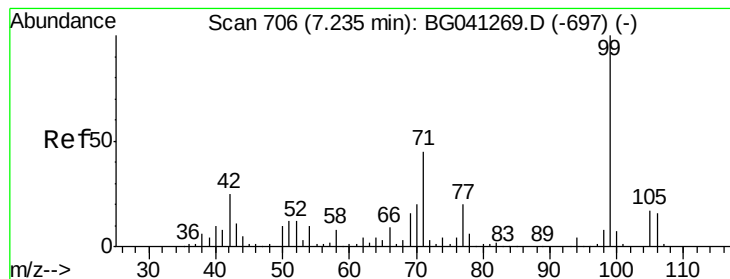
2-Fluorophenol
Concen: 61.991 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion:112 Resp: 133123
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 42.2 34.6 51.8



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: 39.366 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampled :

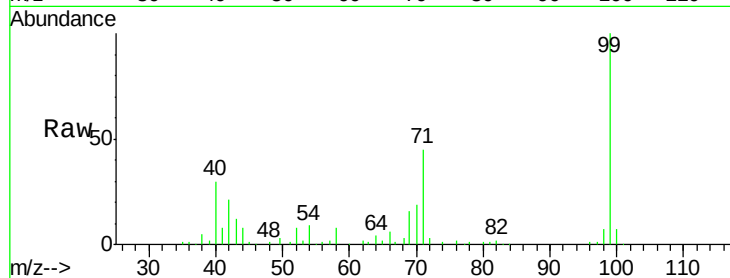
Tot Ion: 99 Resp: 122539

Ion Ratio Lower Upper

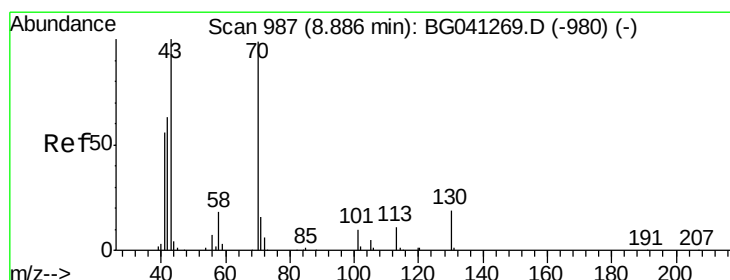
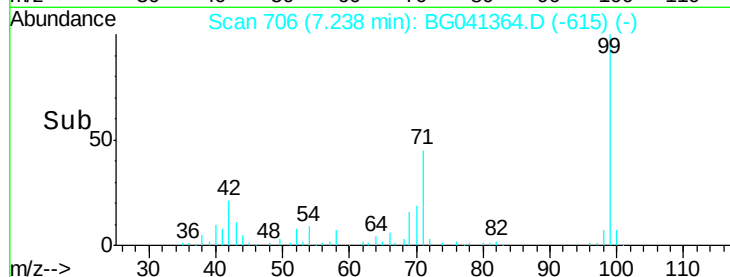
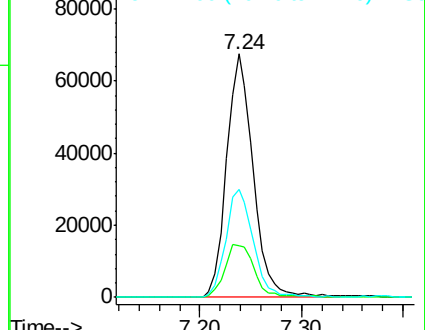
99 100

42 21.1 19.9 29.9

71 44.5 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: 16.842 ng

RT: 9.27 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Tgt Ion: 70 Resp: 42401

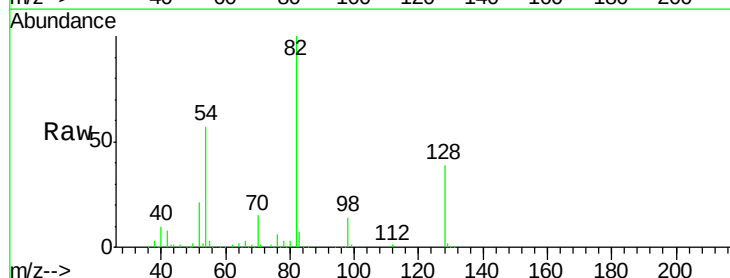
Ion Ratio Lower Upper

70 100

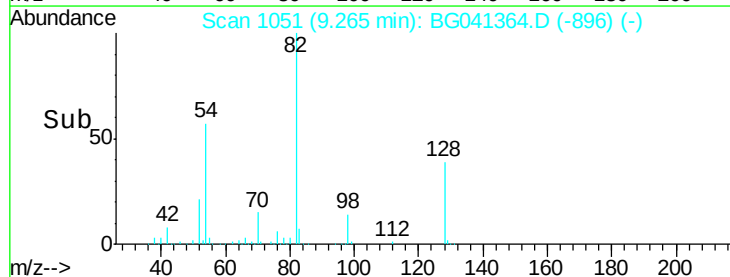
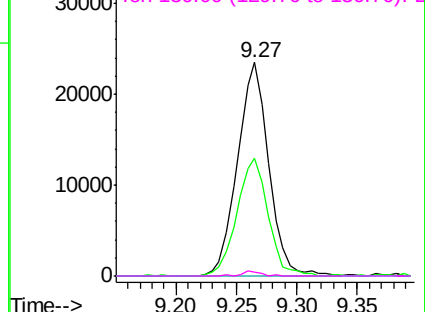
42 55.2 51.4 77.2

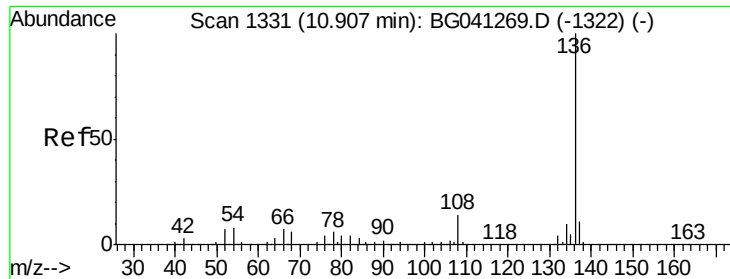
101 0.0 8.2 12.2#

130 1.9 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

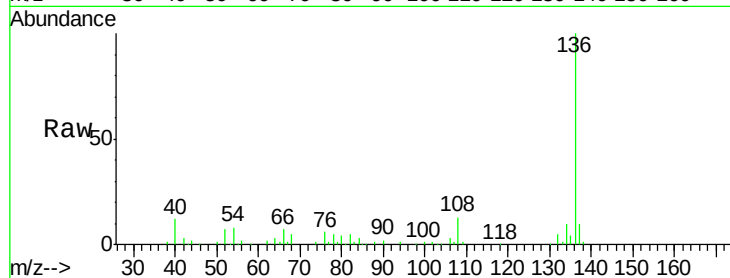




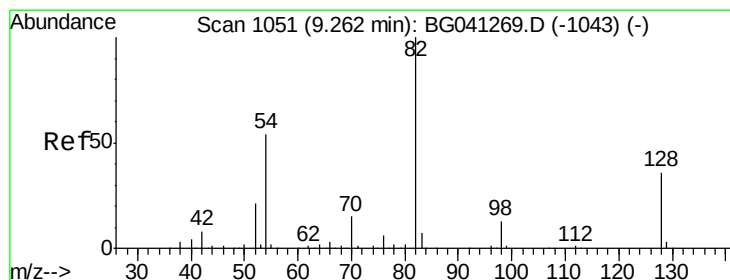
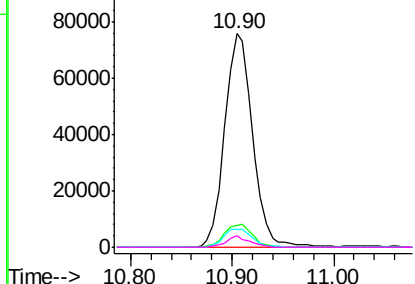
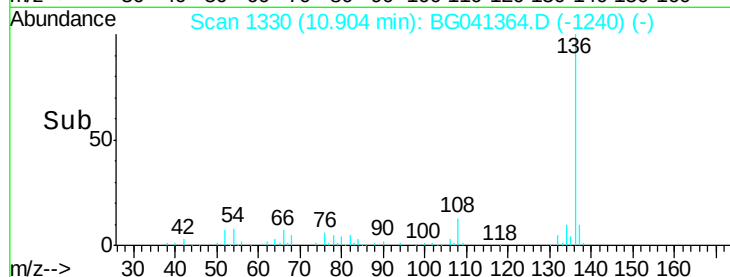
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	144731
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	8.2	6.4 9.6
68	5.2	4.8 7.2

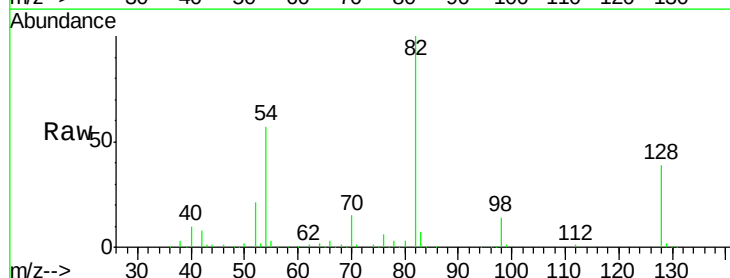


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

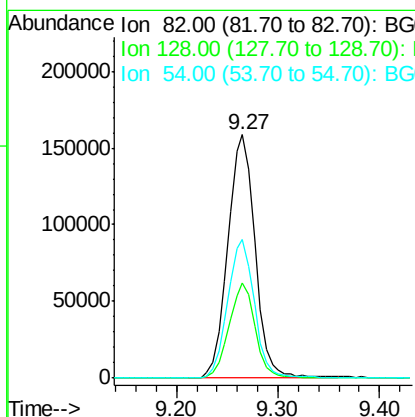
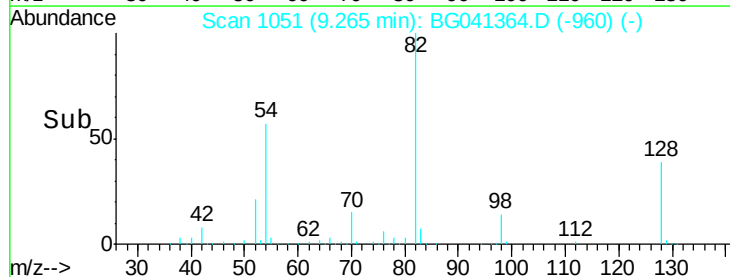


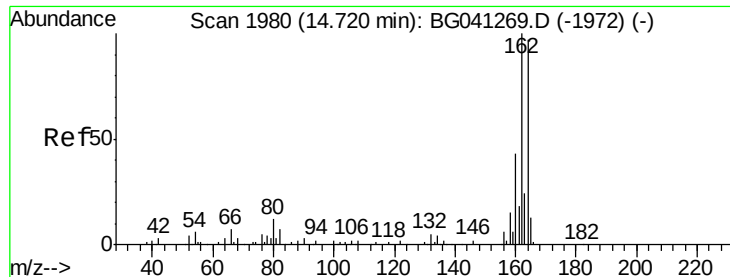
#23
Nitrobenzene-d5
Concen: 86.067 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion: 82	Resp:	296188
Ion	Ratio	Lower Upper
82	100	
128	38.9	29.2 43.8
54	57.1	43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampleId :

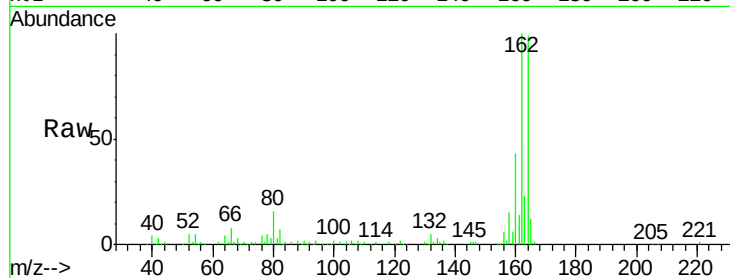
Tot Ion:164 Resp: 102333

Ion Ratio Lower Upper

164 100

162 101.5 82.8 124.2

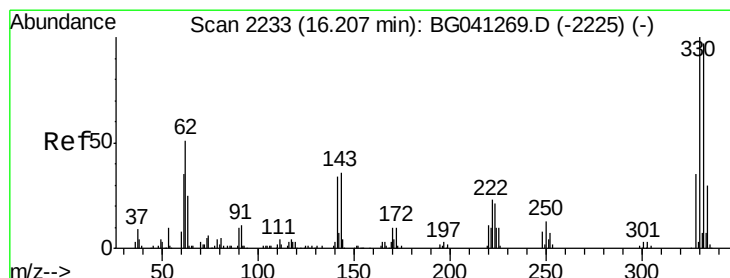
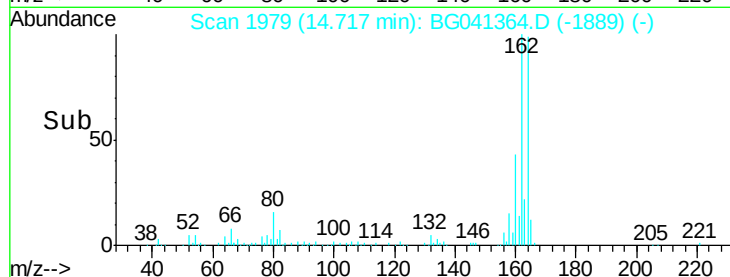
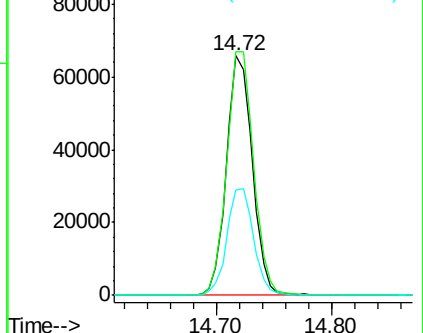
160 44.1 35.8 53.8



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: 131.804 ng

RT: 16.22 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

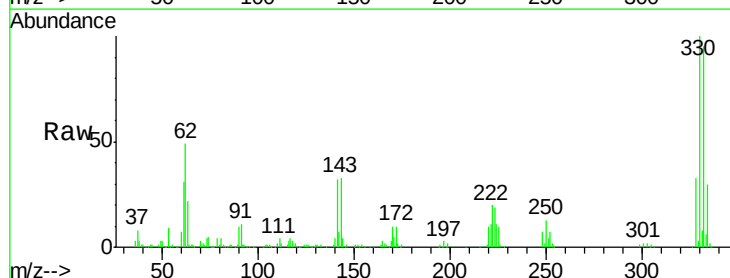
Tgt Ion:330 Resp: 207069

Ion Ratio Lower Upper

330 100

332 96.5 75.5 113.3

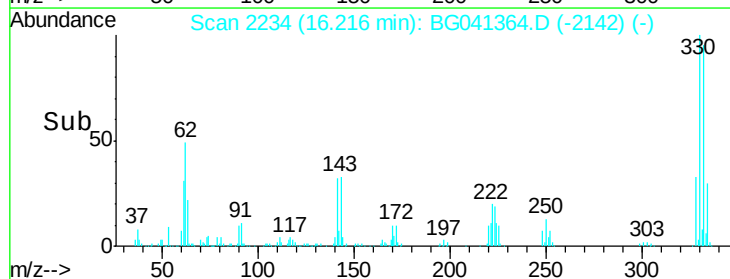
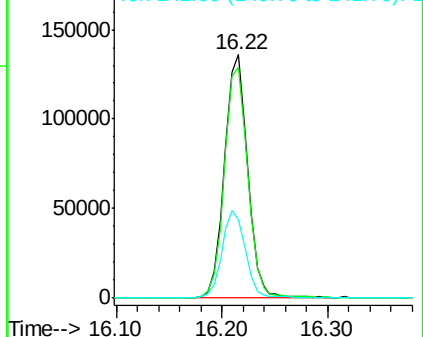
141 36.3 29.0 43.4

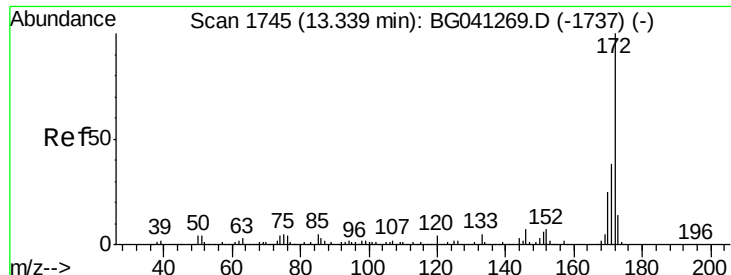


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

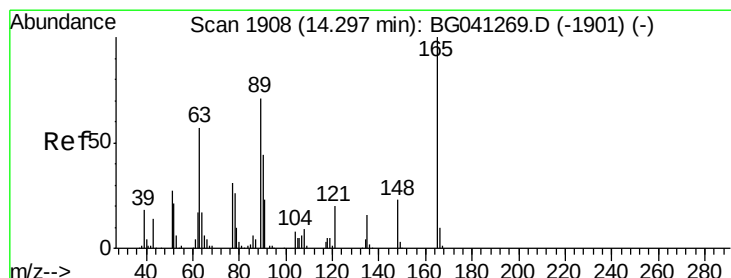
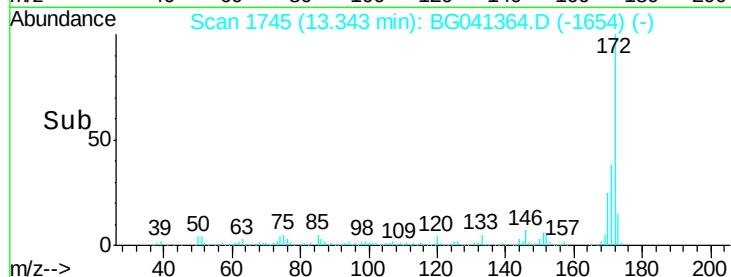
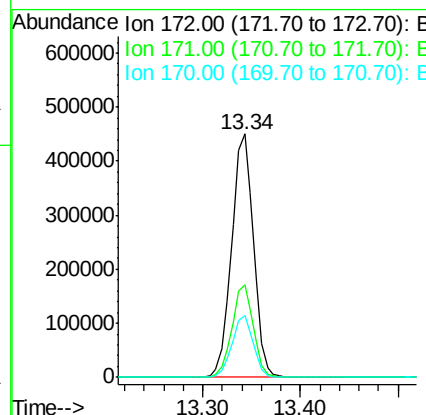
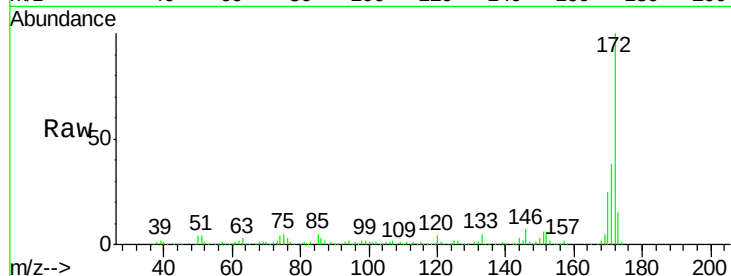




#45
2-Fluorobiphenyl
Concen: 93.086 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

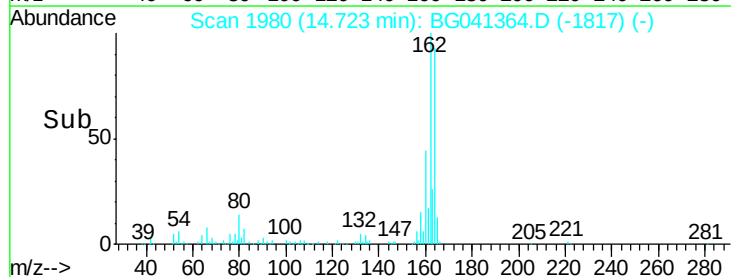
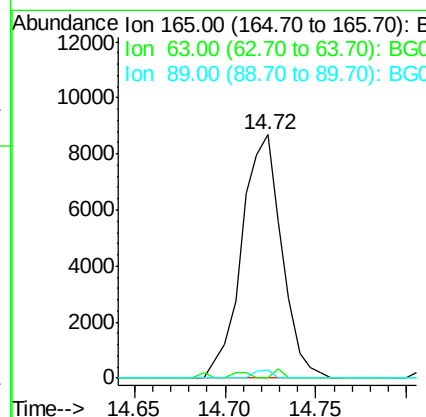
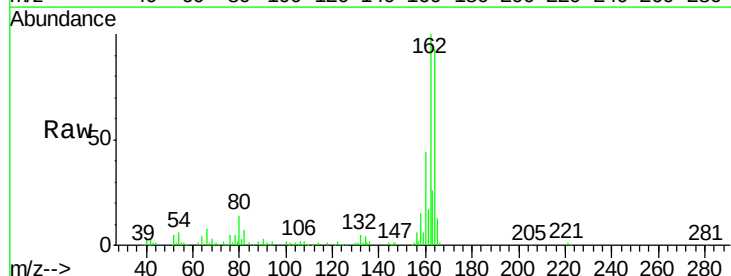
Instrument :
BNA_G
ClientSampleId :

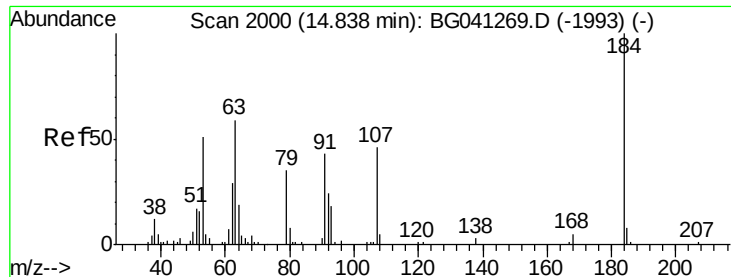
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.2	19.8	29.6



#51
2,6-Dinitrotoluene
Concen: 6.915 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.43 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	3.2	56.5	84.7#

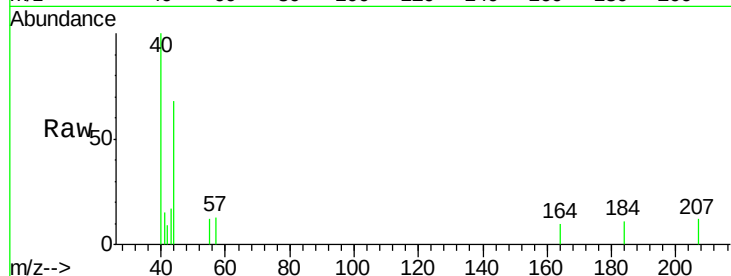




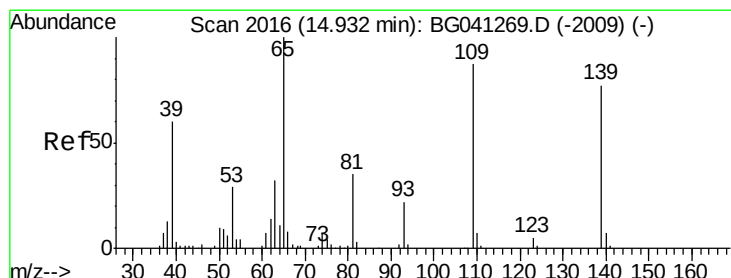
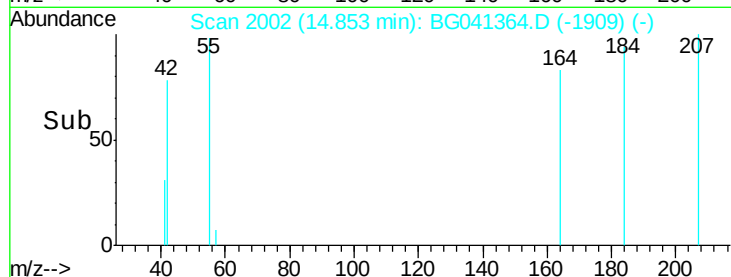
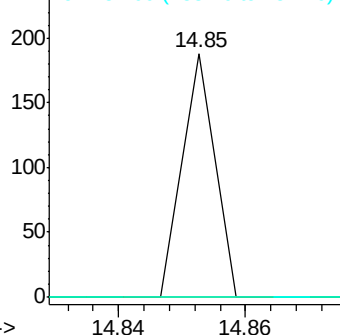
#54
 2,4-Dinitrophenol
 Concen: 4.891 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BG041364.D
 Acq: 20 Jun 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#

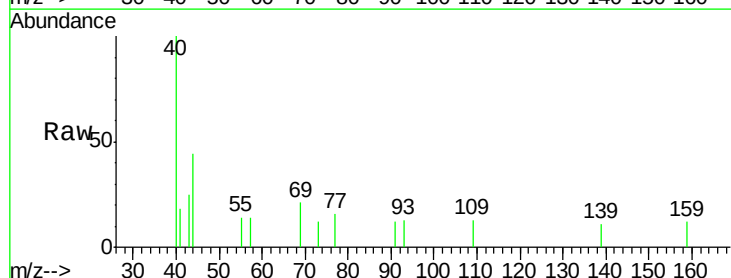


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

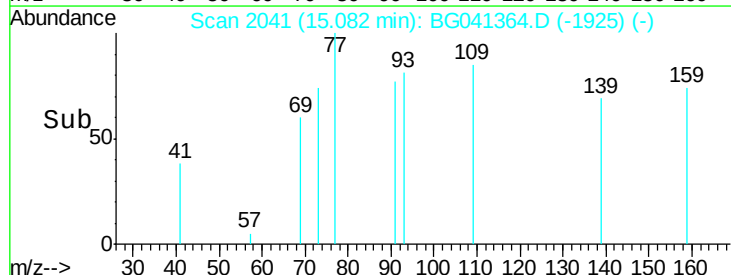
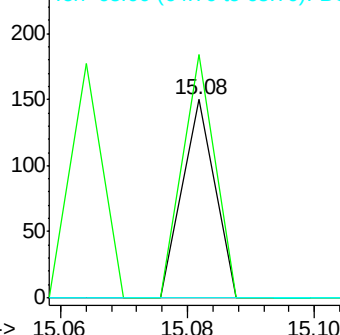


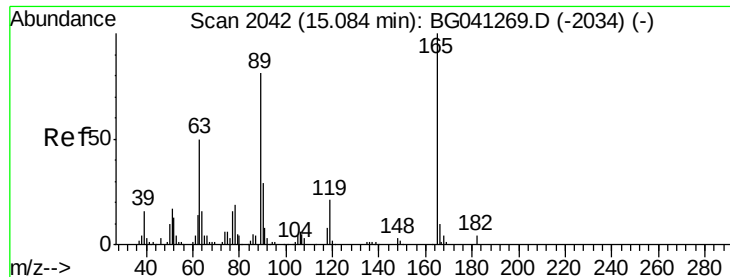
#56
 4-Nitrophenol
 Concen: 3.251 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. 0.15 min
 Lab File: BG041364.D
 Acq: 20 Jun 2019 19:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	122.7	93.2	133.2
65	0.0	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): BG

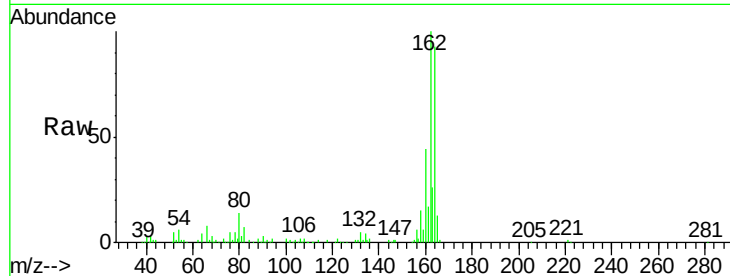




#57
 2,4-Dinitrotoluene
 Concen: 4.730 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.36 min
 Lab File: BG041364.D
 Acq: 20 Jun 2019 19:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	3.2	64.6	96.8#
182	0.0	2.9	4.3#

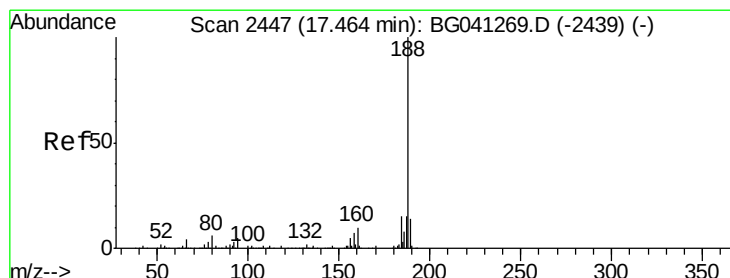
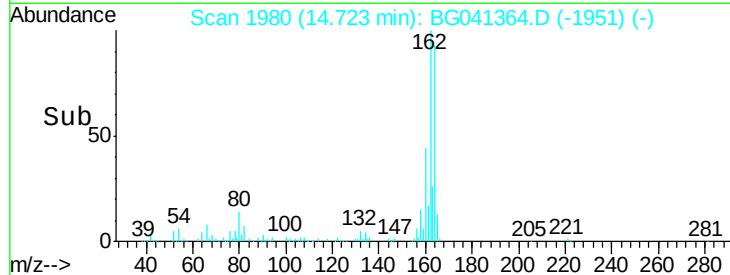
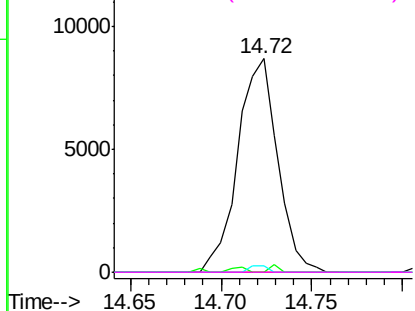


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

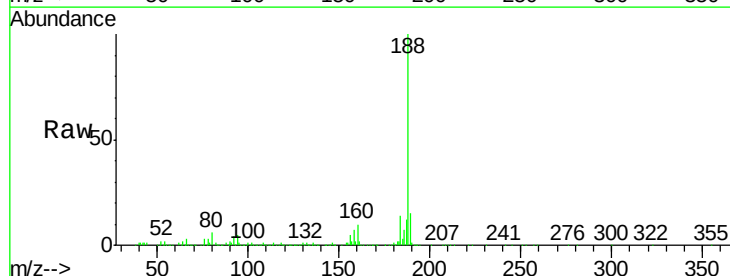
Ion 89.00 (88.70 to 89.70): BGC

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: BG041364.D
 Acq: 20 Jun 2019 19:38

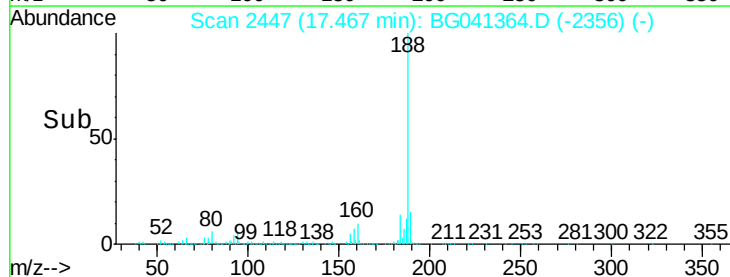
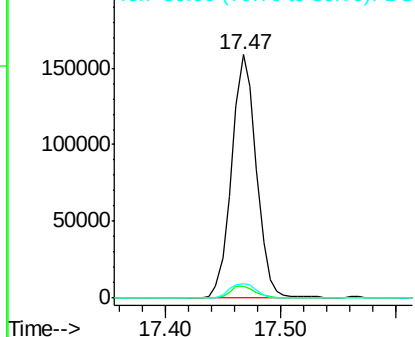
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.6	5.4#
80	6.2	4.8	7.2

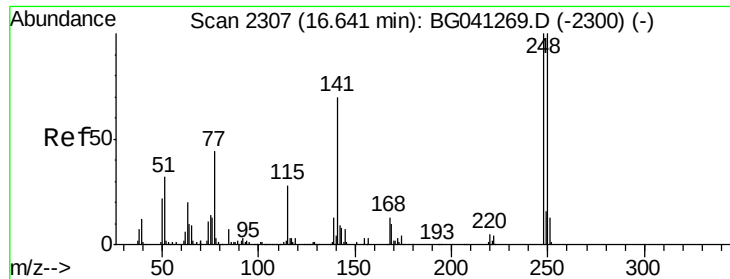


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

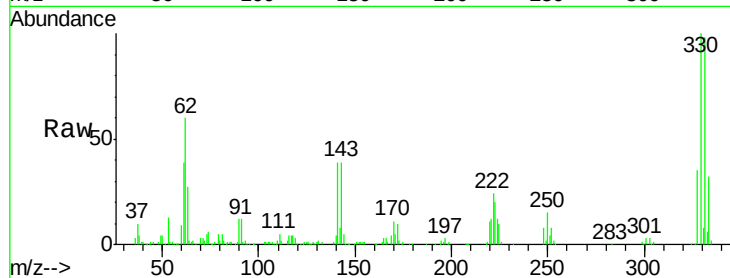




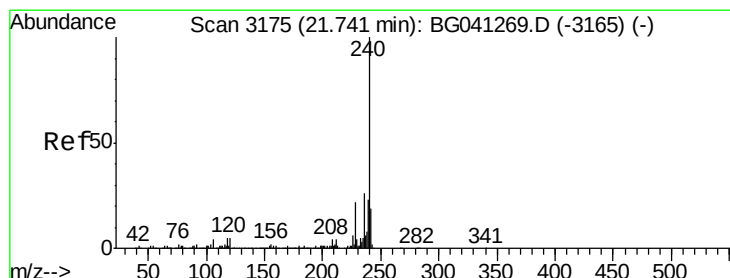
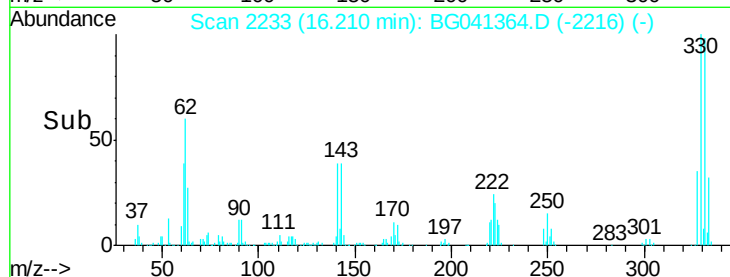
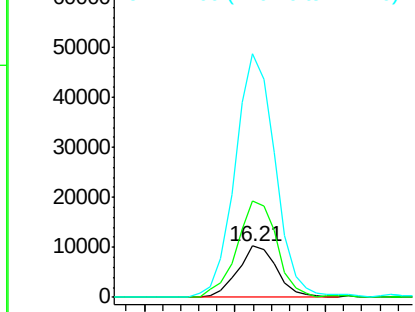
#67
4-Bromophenyl-phenylether
Concen: 5.022 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15323
Ion Ratio Lower Upper
248 100
250 186.5 79.8 119.8#
141 472.7 55.8 83.6#

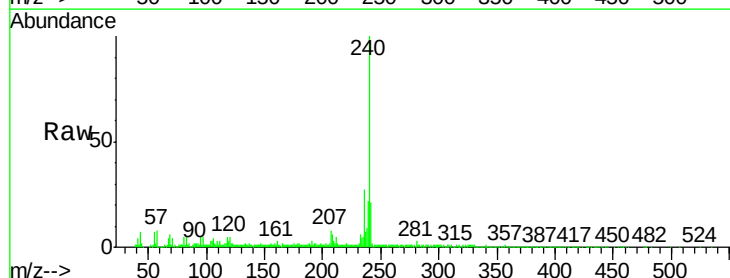


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

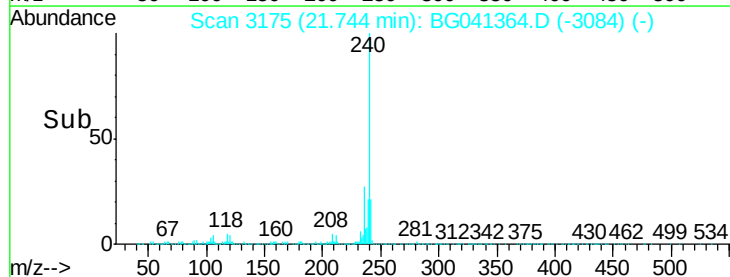
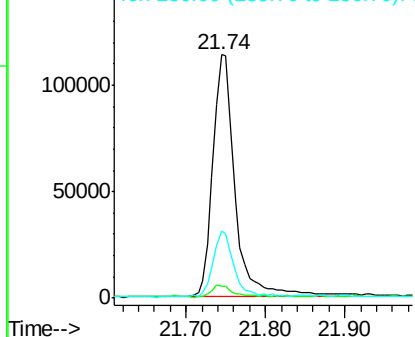


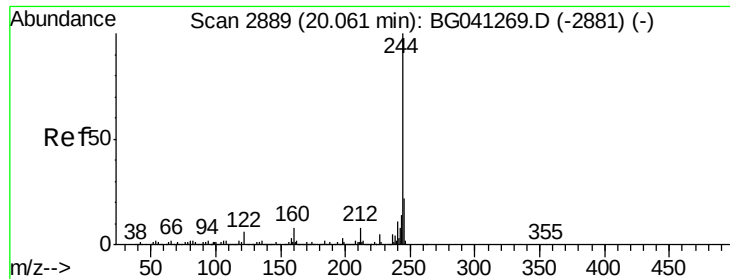
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion:240 Resp: 223225
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 27.4 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: 93.882 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampleId :

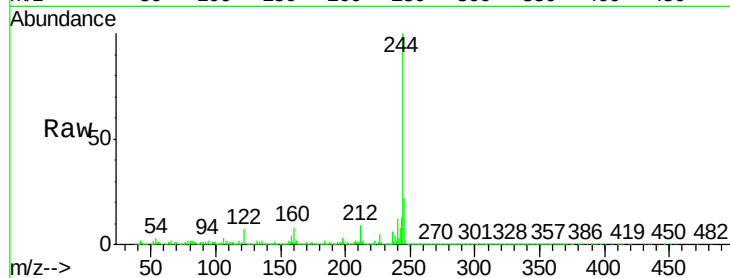
Tot Ion:244 Resp: 1057472

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

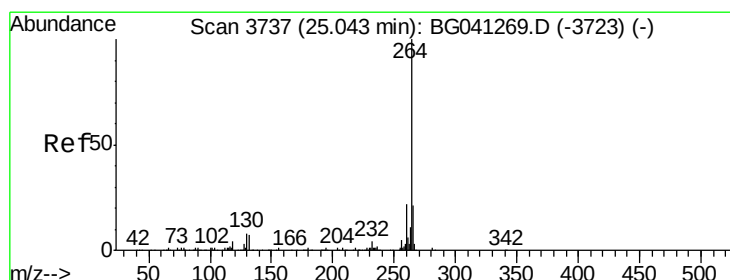
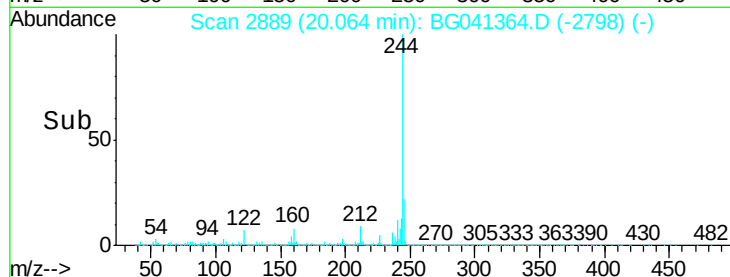
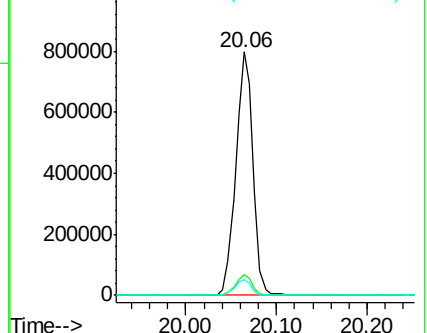
122 6.6 5.0 7.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.03 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

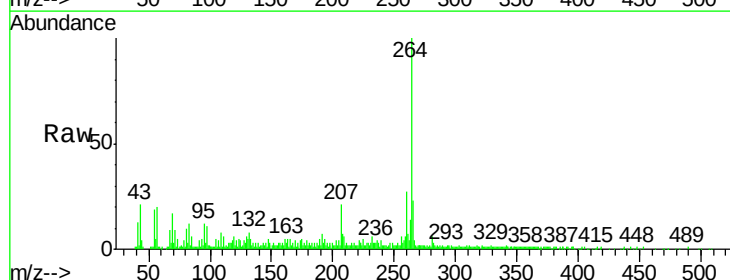
Tgt Ion:264 Resp: 147029

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.2#

265 23.3 17.2 25.8



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

