

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041336.D
 Acq On : 19 Jun 2019 20:08
 Operator : HP/JU
 Sample : K3421-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 00:56:52 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

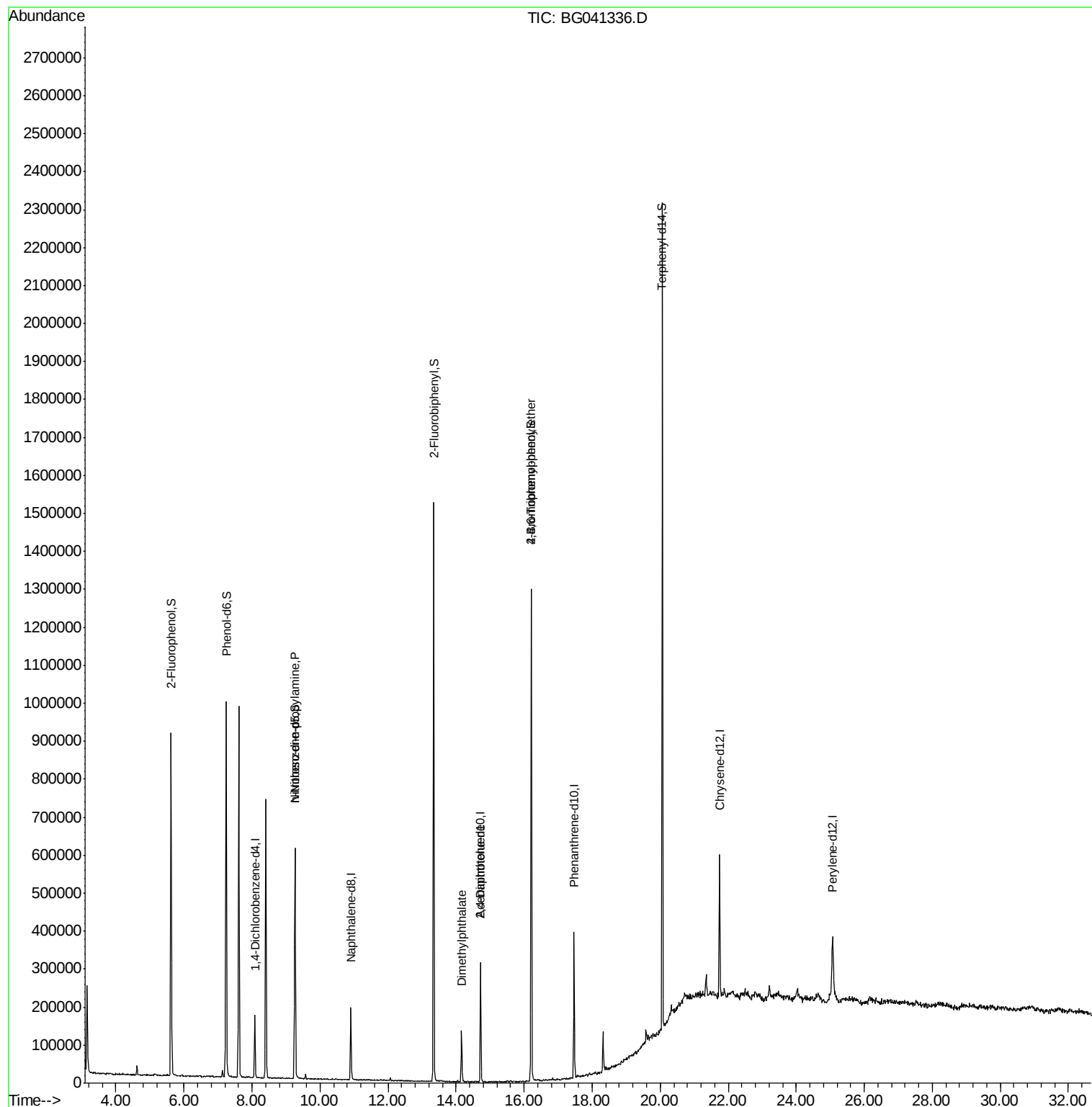
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41630	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	158446	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108808	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	246292	20.00	ng	0.00
76) Chrysene-d12	21.74	240	232293	20.00	ng	0.00
87) Perylene-d12	25.07	264	236767	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	347987	153.59	ng	0.00
7) Phenol-d6	7.24	99	501607	152.74	ng	0.00
23) Nitrobenzene-d5	9.26	82	368787	97.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	242105	144.93	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	757919	94.67	ng	0.00
79) Terphenyl-d14	20.07	244	1032344	88.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	51772	19.491	ng	Qvalue # 81
50) Dimethylphthalate	14.16	163	88467	9.138	ng	99
57) 2,4-Dinitrotoluene	14.72	165	13312	4.461	ng	# 20
67) 4-Bromophenyl-phenylether	16.21	248	17760	5.577	ng	# 1

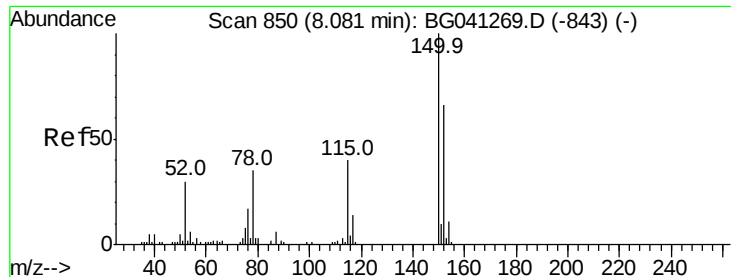
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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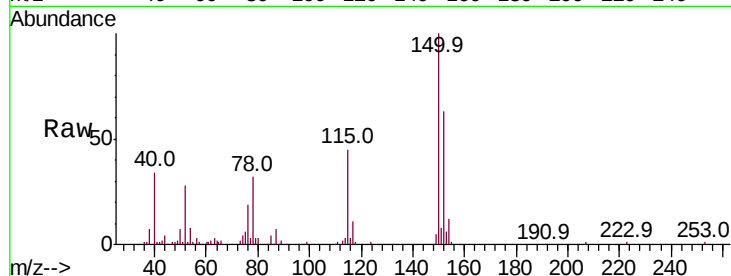


#1

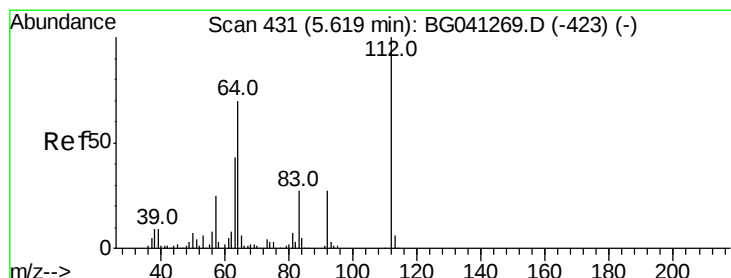
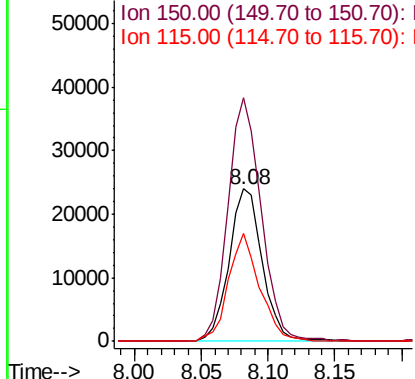
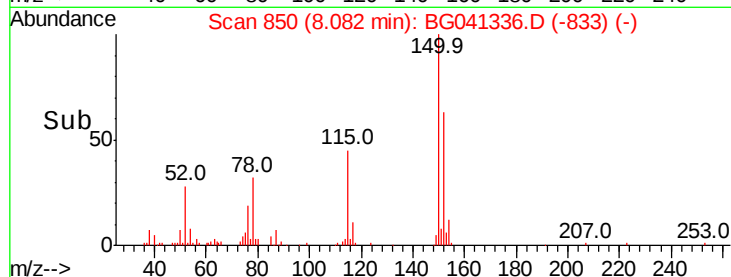
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41630
Ion Ratio Lower Upper
152 100
150 159.8 120.6 181.0
115 71.2 47.9 71.9



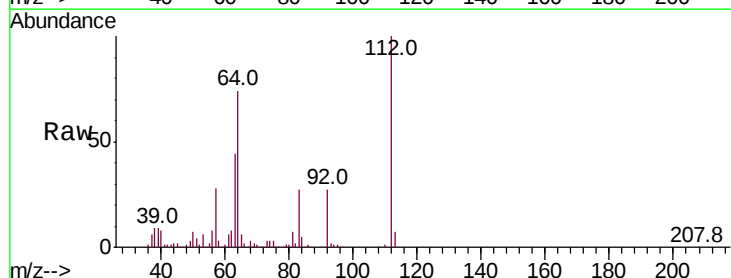
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



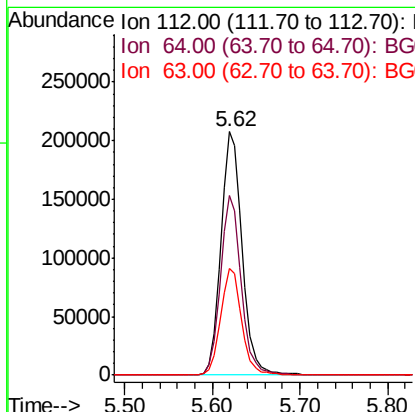
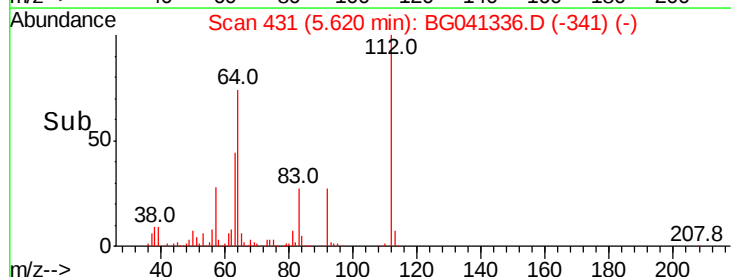
#5

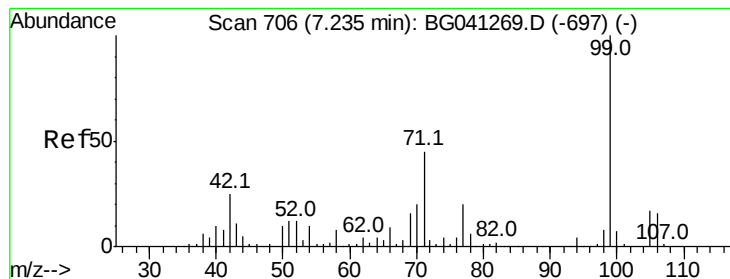
2-Fluorophenol
Concen: 153.590 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Tgt Ion:112 Resp: 347987
Ion Ratio Lower Upper
112 100
64 73.8 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: 152.737 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

Instrument :

BNA_G

ClientSampleId :

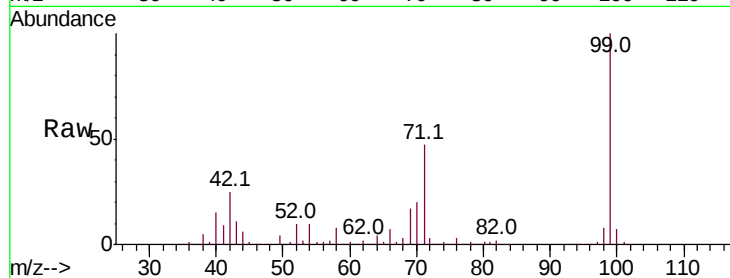
Tot Ion: 99 Resp: 501607

Ion Ratio Lower Upper

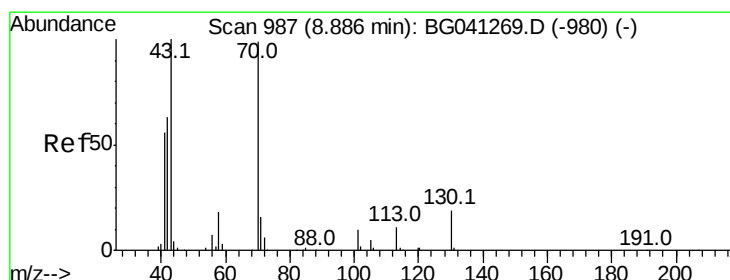
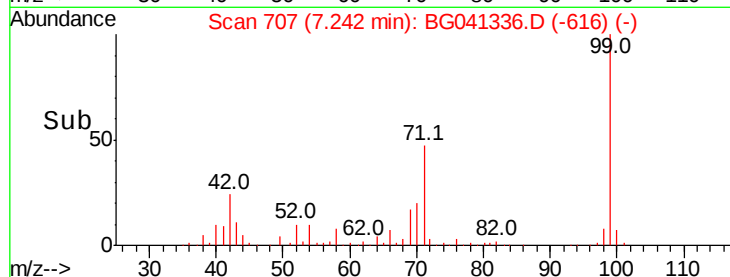
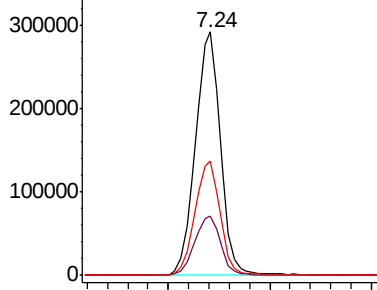
99 100

42 24.5 19.9 29.9

71 46.9 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: 19.491 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

Tgt Ion: 70 Resp: 51772

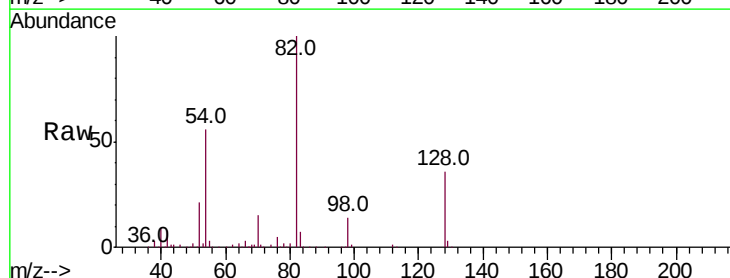
Ion Ratio Lower Upper

70 100

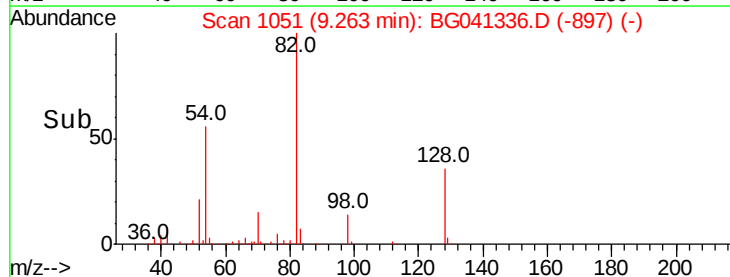
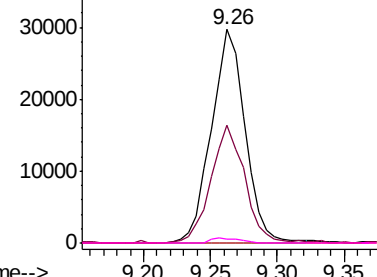
42 55.1 51.4 77.2

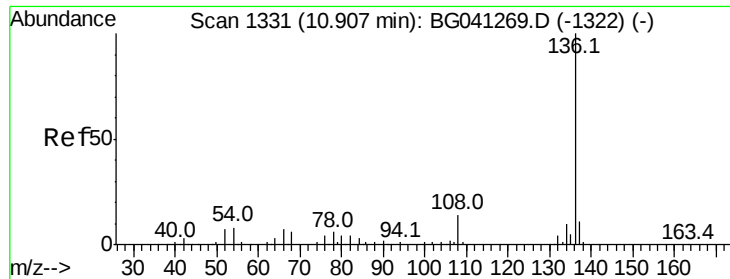
101 0.0 8.2 12.2#

130 1.7 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: 10.91 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 158446

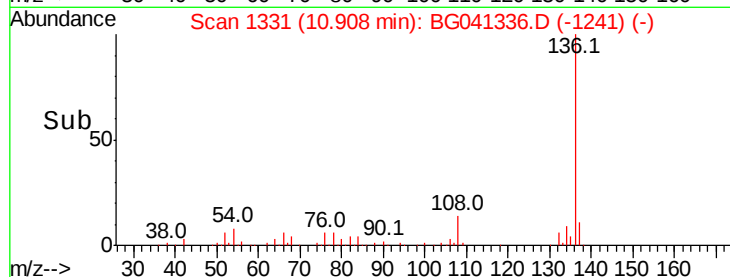
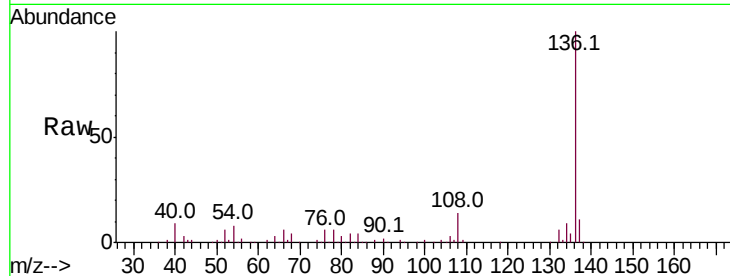
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.2 6.4 9.6

68 4.2 4.8 7.2#

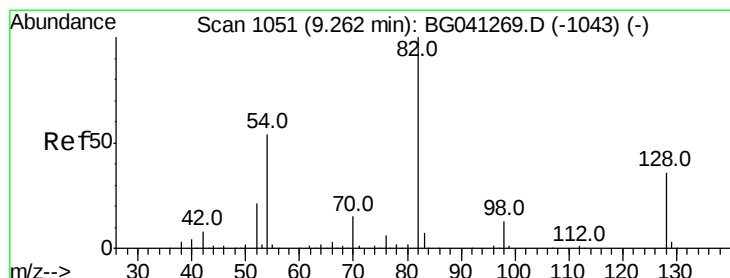
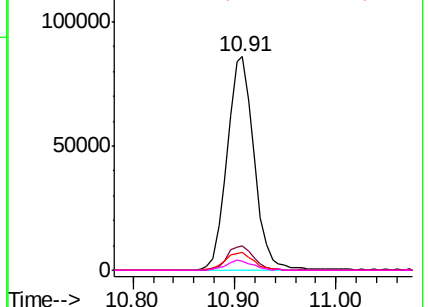


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.887 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

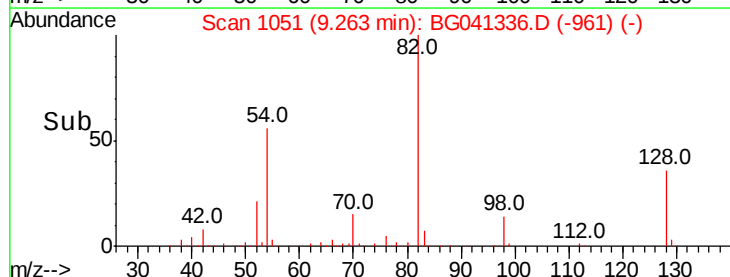
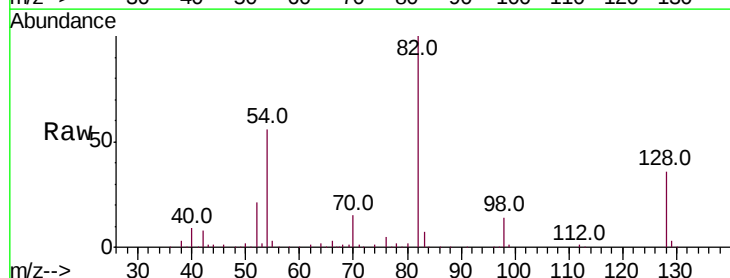
Tgt Ion: 82 Resp: 368787

Ion Ratio Lower Upper

82 100

128 36.3 29.2 43.8

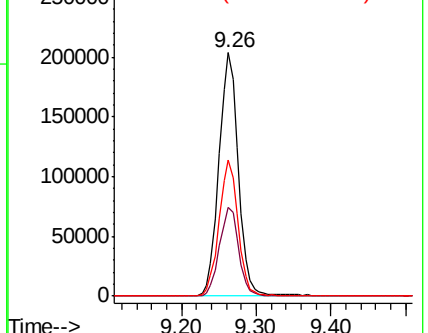
54 55.9 43.4 65.0

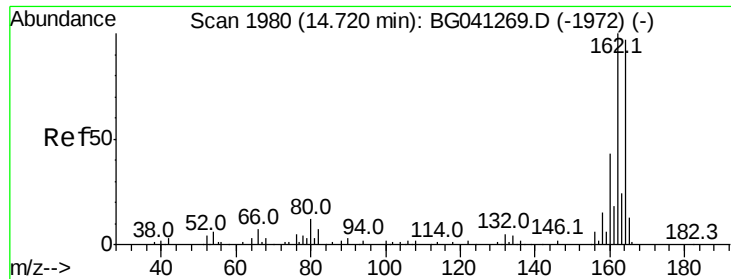


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

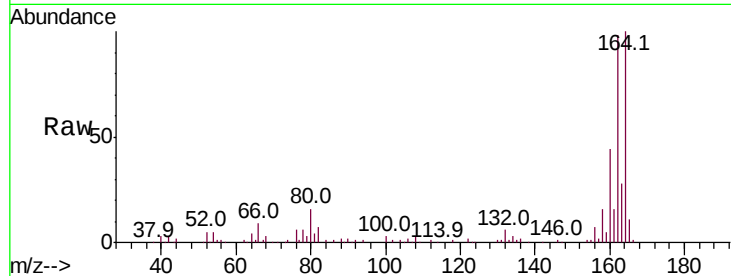




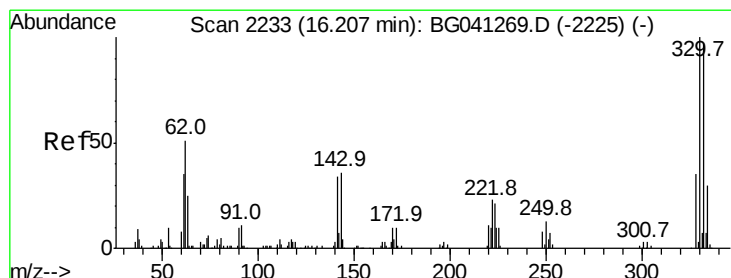
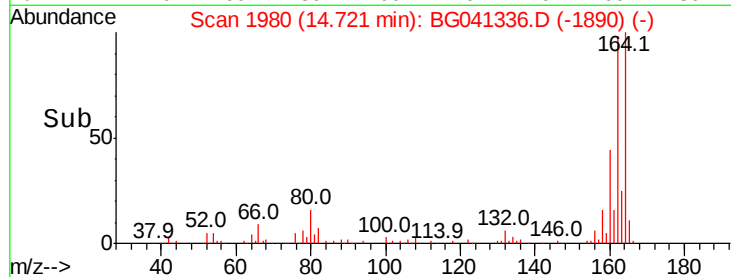
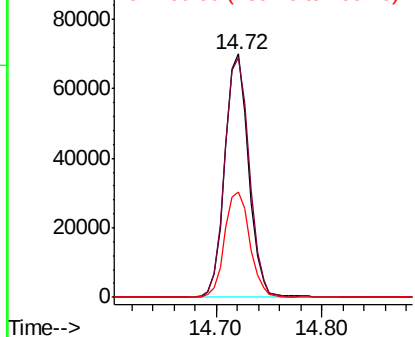
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 108808
Ion Ratio Lower Upper
164 100
162 98.4 82.8 124.2
160 43.5 35.8 53.8

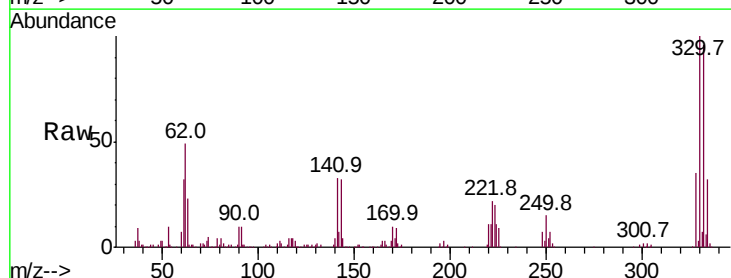


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

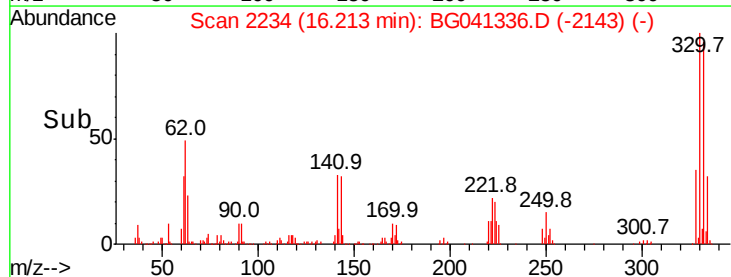
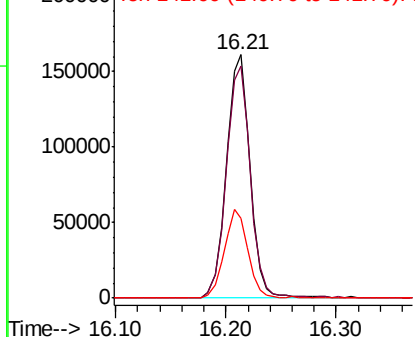


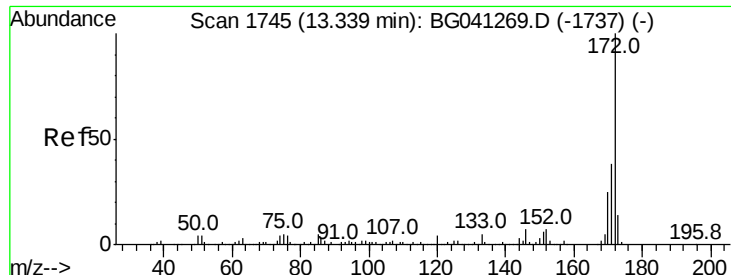
#42
2,4,6-Tribromophenol
Concen: 144.935 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Tgt Ion:330 Resp: 242105
Ion Ratio Lower Upper
330 100
332 97.0 75.5 113.3
141 35.8 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

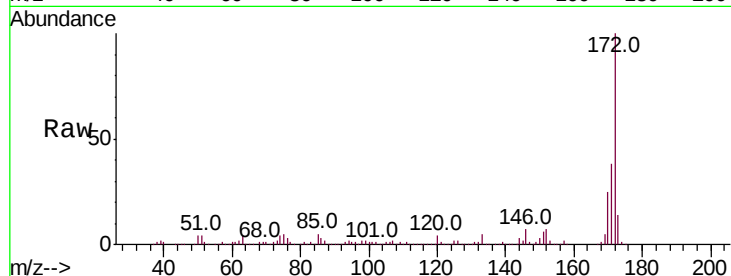




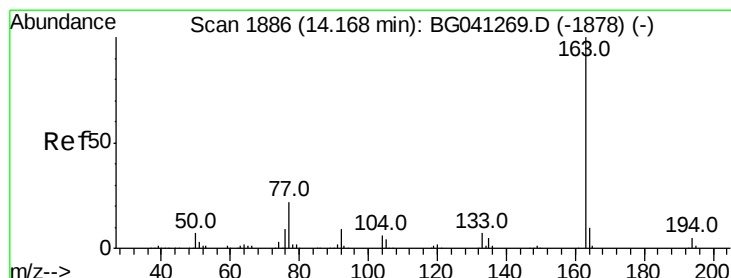
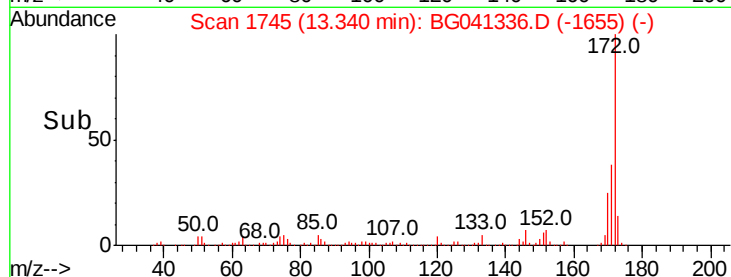
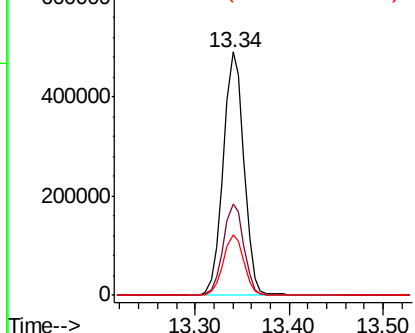
#45
2-Fluorobiphenyl
Concen: 94.674 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 757919
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.8 19.8 29.6

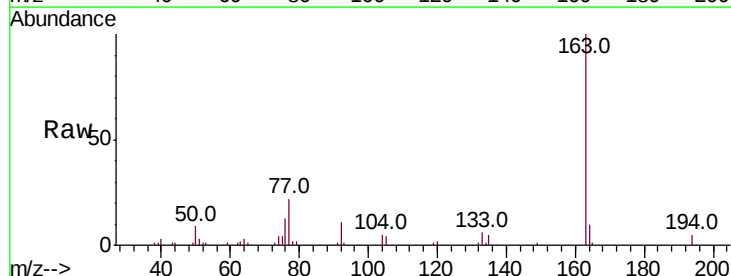


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

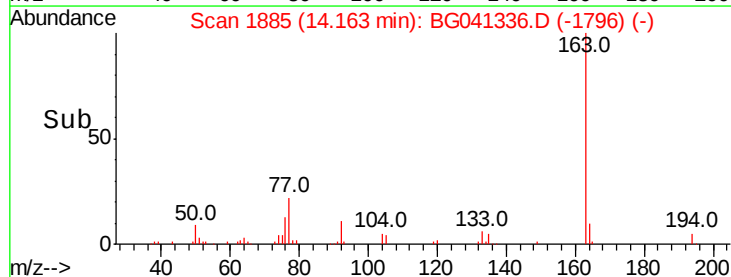
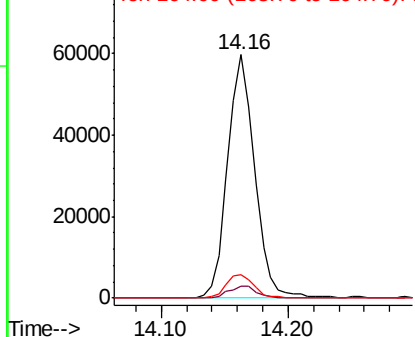


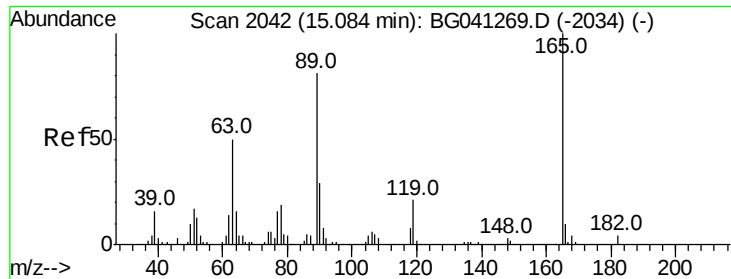
#50
Dimethylphthalate
Concen: 9.138 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Tgt Ion:163 Resp: 88467
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 9.7 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

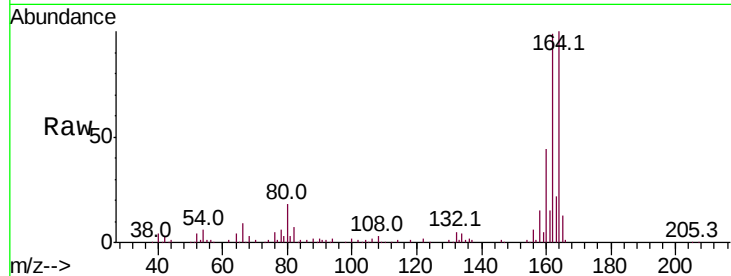




#57
 2,4-Dinitrotoluene
 Concen: 4.461 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041336.D
 Acq: 19 Jun 2019 20:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	3.4	64.6	96.8#
182	0.0	2.9	4.3#

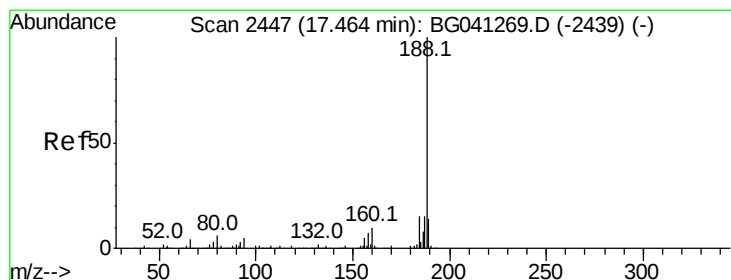
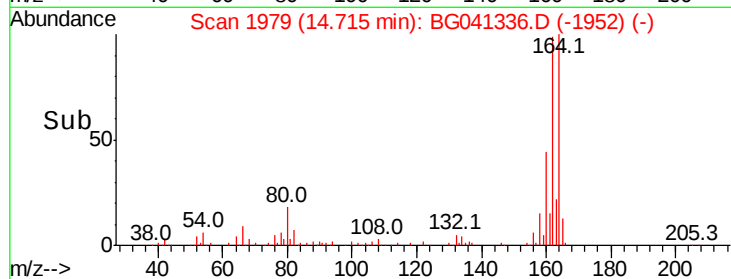
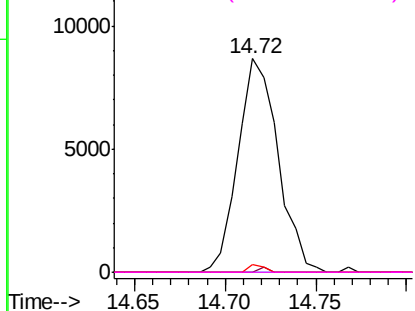


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

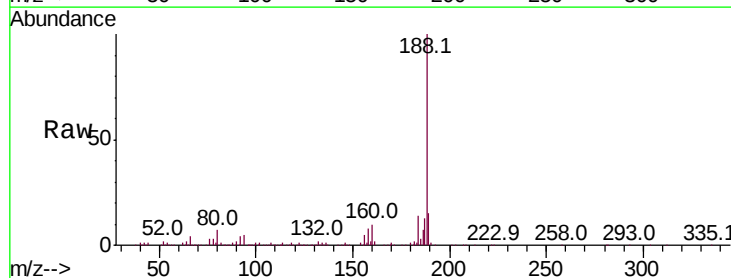
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041336.D
 Acq: 19 Jun 2019 20:08

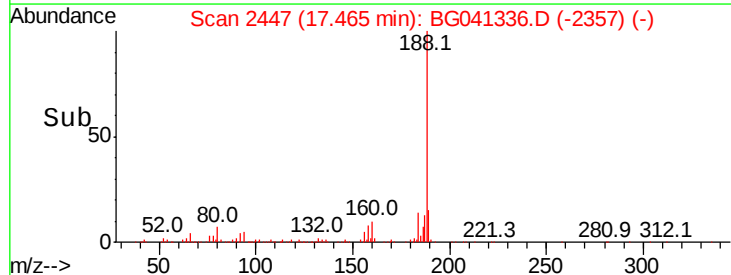
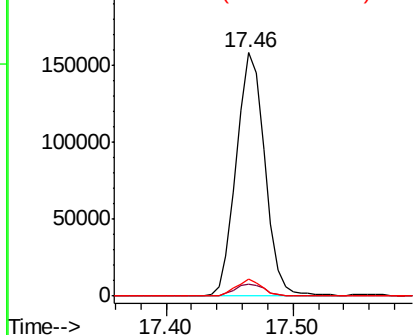
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	6.8	4.8	7.2

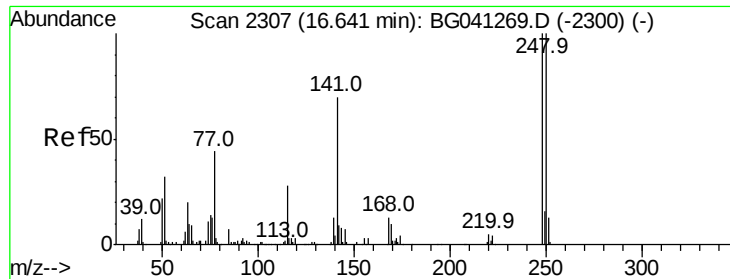


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

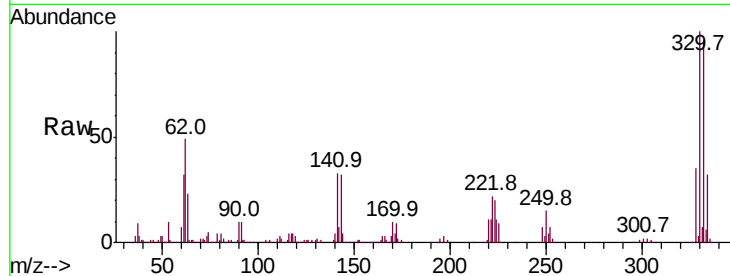




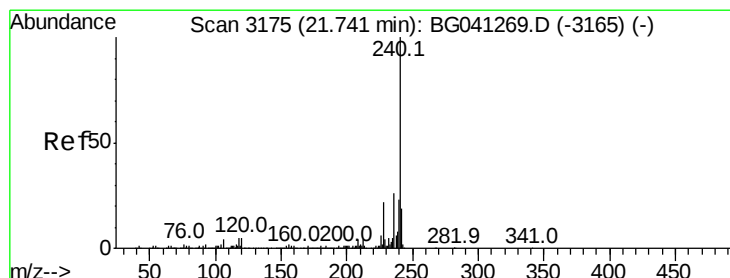
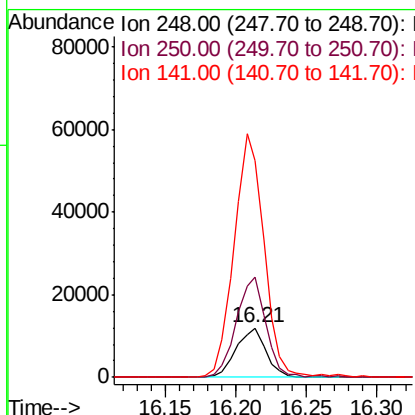
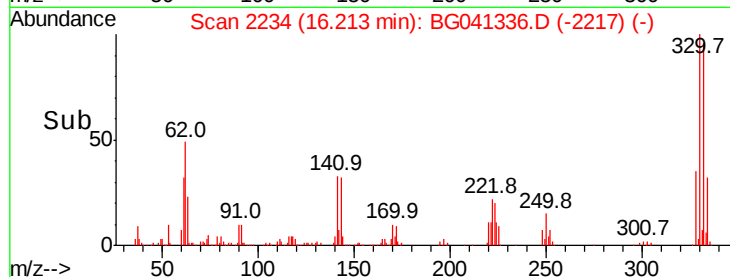
#67
4-Bromophenyl-phenylether
Concen: 5.577 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.43 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17760
Ion Ratio Lower Upper
248 100
250 202.4 79.8 119.8#
141 439.8 55.8 83.6#

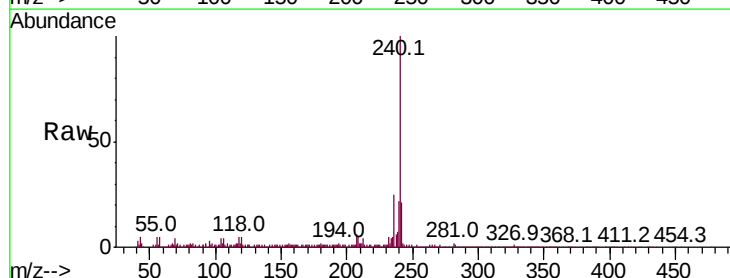


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

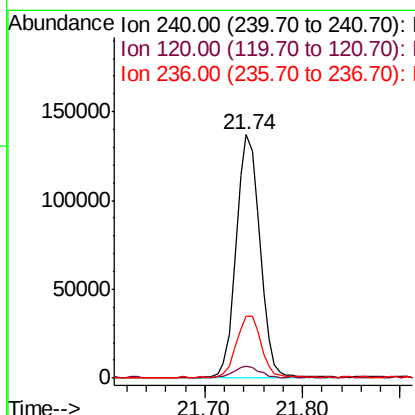
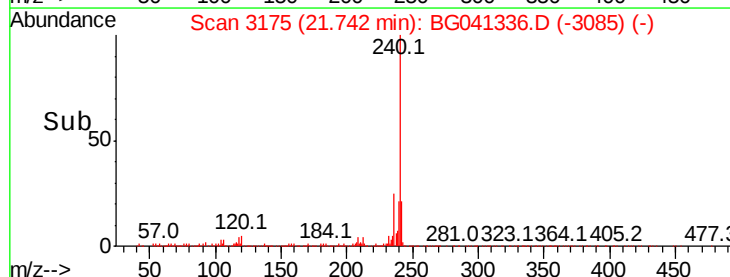


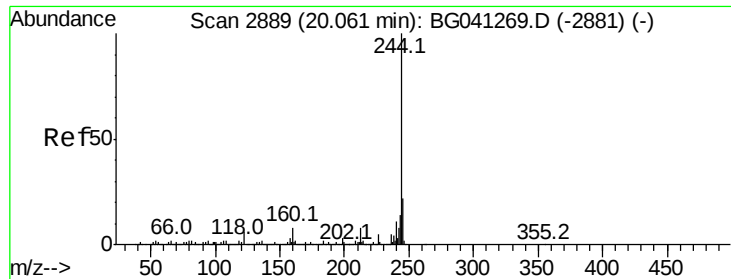
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041336.D
Acq: 19 Jun 2019 20:08

Tgt Ion:240 Resp: 232293
Ion Ratio Lower Upper
240 100
120 5.1 3.7 5.5
236 25.5 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: 88.074 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

Instrument :

BNA_G

ClientSampleId :

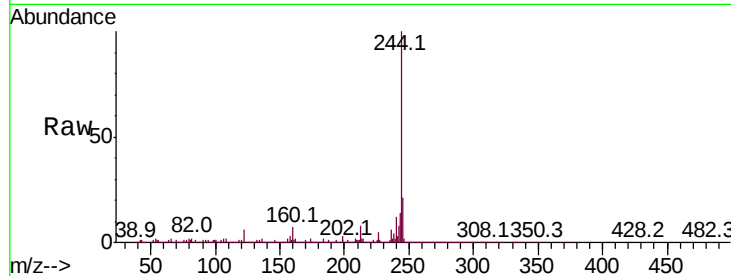
Tot Ion:244 Resp: 1032344

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

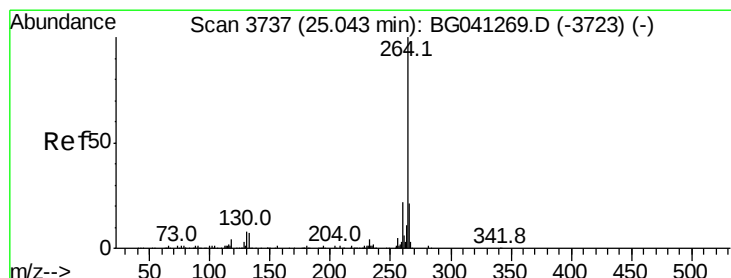
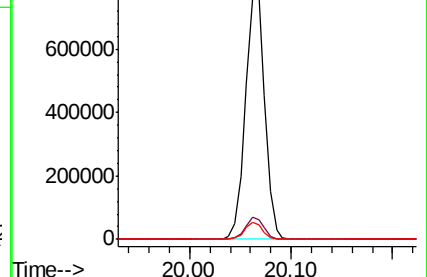
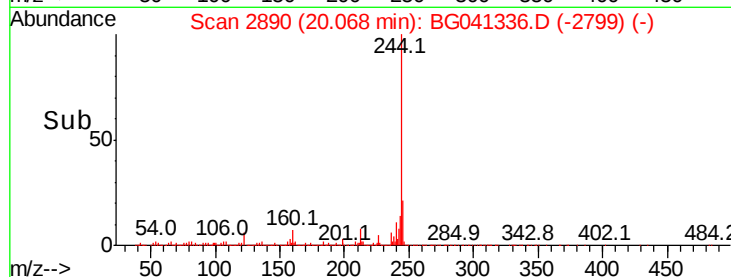
122 6.0 5.0 7.4



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. 0.02 min

Lab File: BG041336.D

Acq: 19 Jun 2019 20:08

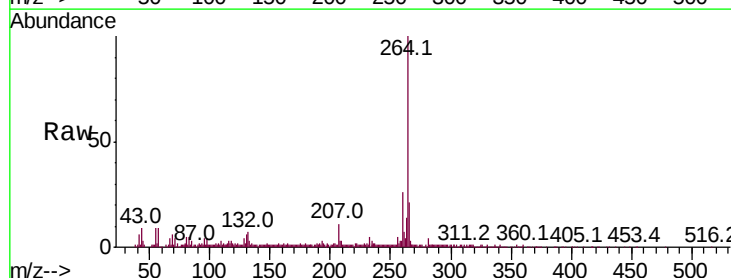
Tgt Ion:264 Resp: 236767

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.2

265 21.0 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

