

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041298.D
 Acq On : 18 Jun 2019 15:35
 Operator : HP/JU
 Sample : K3376-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 16:25:33 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

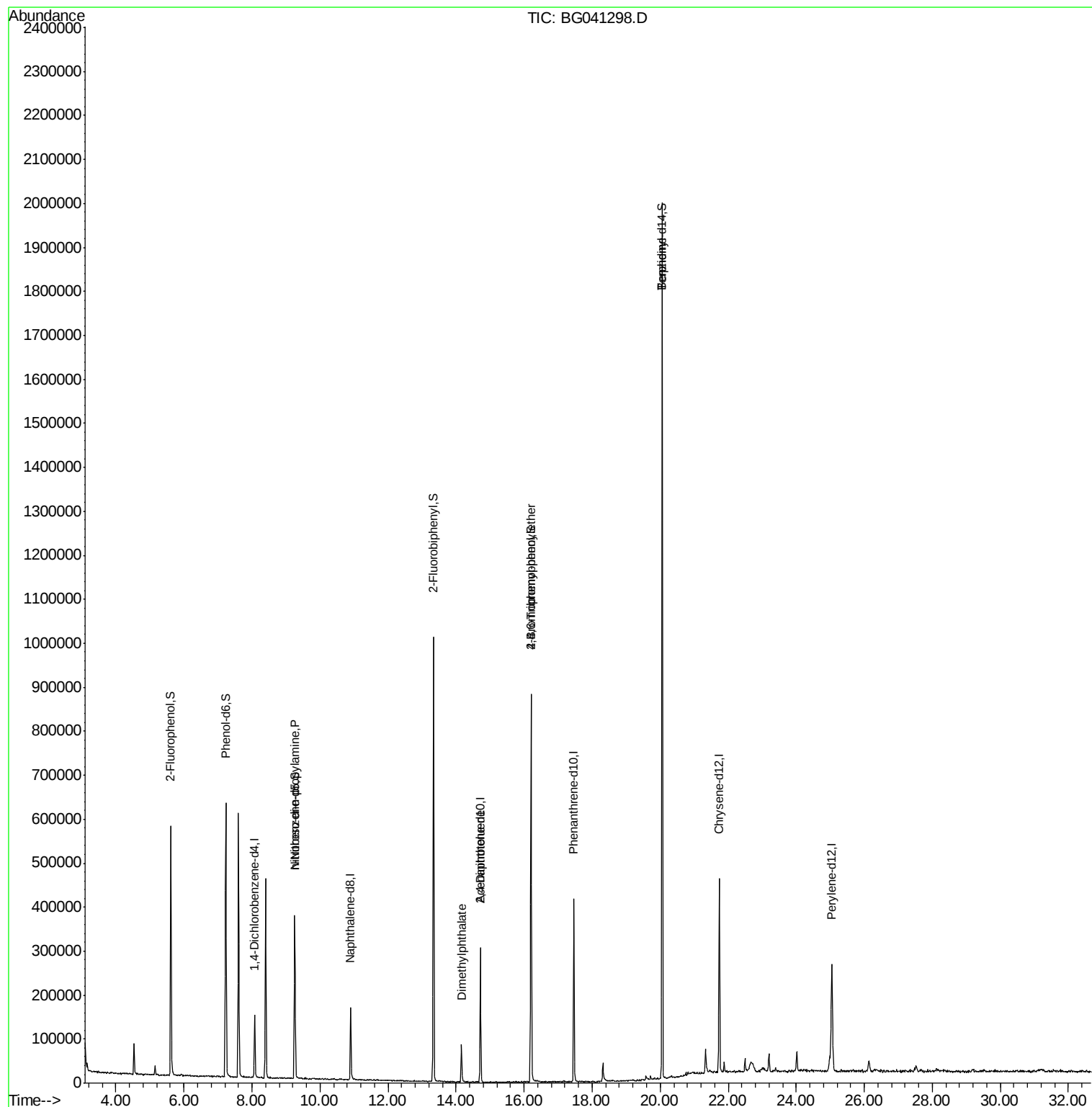
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38632	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	141573	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	103000	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	263881	20.00	ng	0.00
76) Chrysene-d12	21.74	240	272585	20.00	ng	0.00
87) Perylene-d12	25.04	264	288009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	217376	103.39	ng	0.00
7) Phenol-d6	7.23	99	322266	105.74	ng	0.00
23) Nitrobenzene-d5	9.26	82	225996	67.14	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	163894	103.65	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	509682	67.26	ng	0.00
79) Terphenyl-d14	20.06	244	934790	67.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33473	13.580	ng	# 78
50) Dimethylphthalate	14.16	163	59315	6.472	ng	# 98
57) 2,4-Dinitrotoluene	14.72	165	12395	4.388	ng	# 22
67) 4-Bromophenyl-phenylether	16.20	248	12172	3.567	ng	# 1
77) Benzidine	20.06	184	15857	2.405	ng	# 94

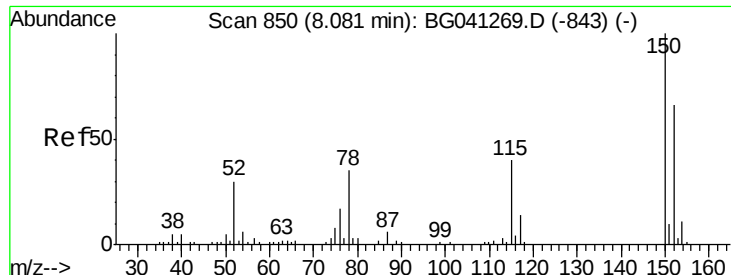
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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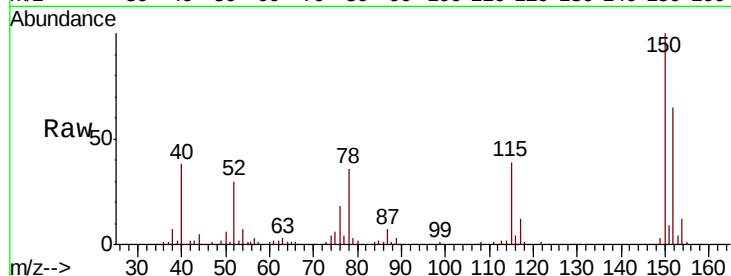


#1

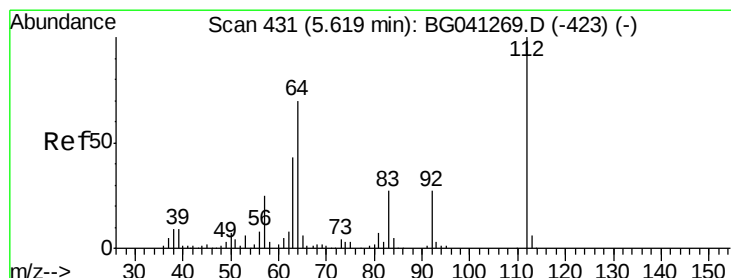
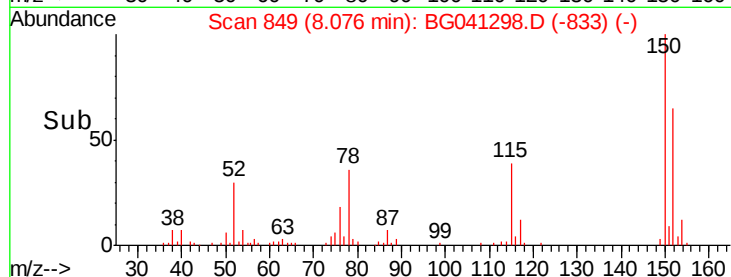
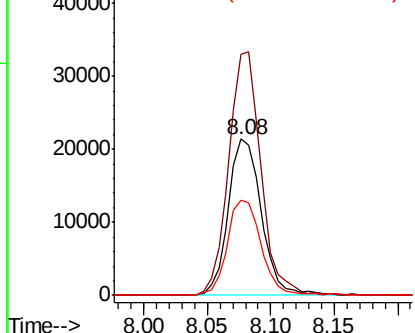
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38632
Ion Ratio Lower Upper
152 100
150 154.5 120.6 181.0
115 61.0 47.9 71.9



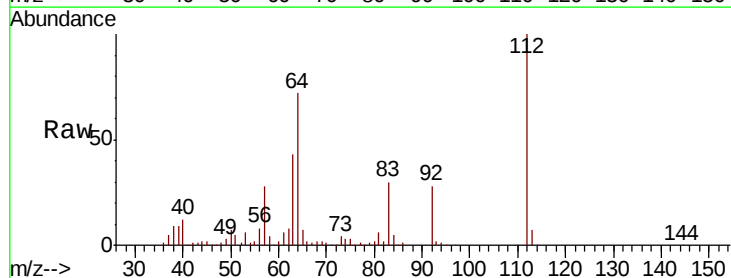
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



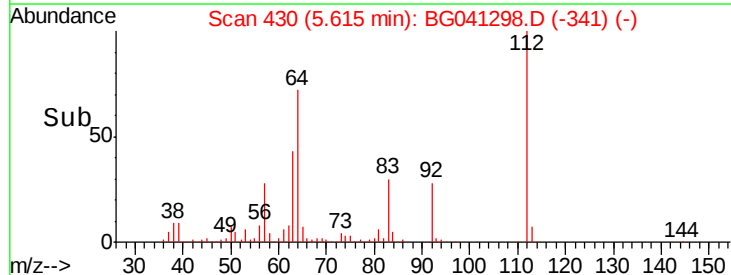
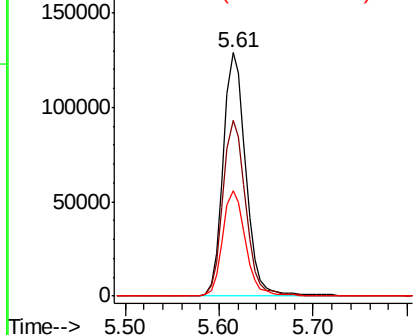
#5

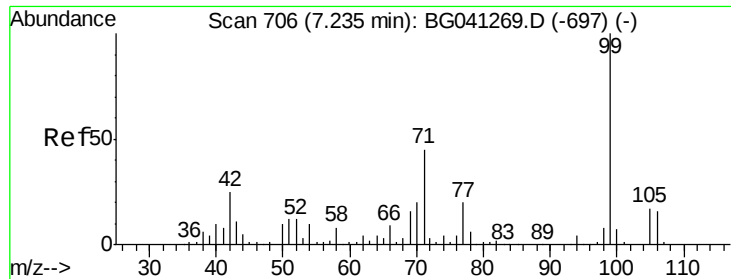
2-Fluorophenol
Concen: 103.388 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Tgt Ion:112 Resp: 217376
Ion Ratio Lower Upper
112 100
64 72.1 55.9 83.9
63 43.4 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: 105.743 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

Instrument :

BNA_G

ClientSampled :

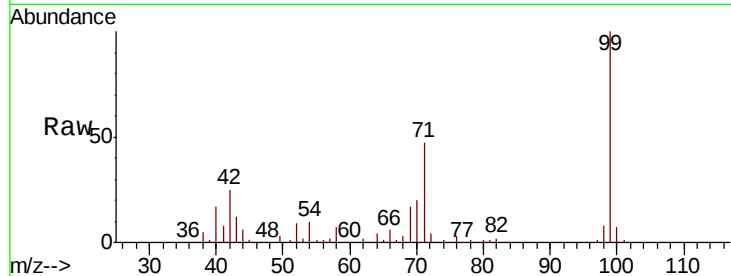
Tot Ion: 99 Resp: 322266

Ion Ratio Lower Upper

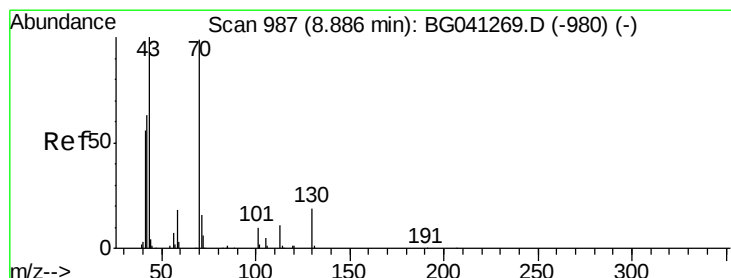
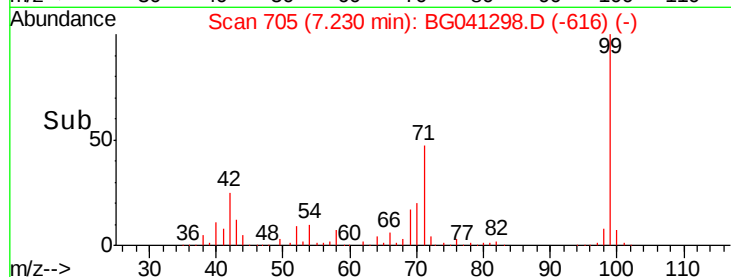
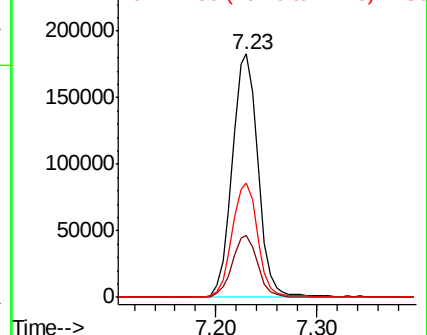
99 100

42 25.4 19.9 29.9

71 47.2 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: 13.580 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

Tgt Ion: 70 Resp: 33473

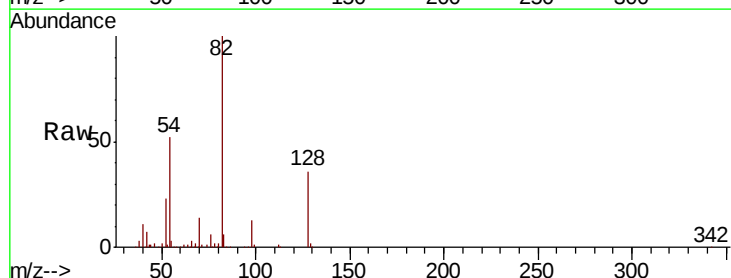
Ion Ratio Lower Upper

70 100

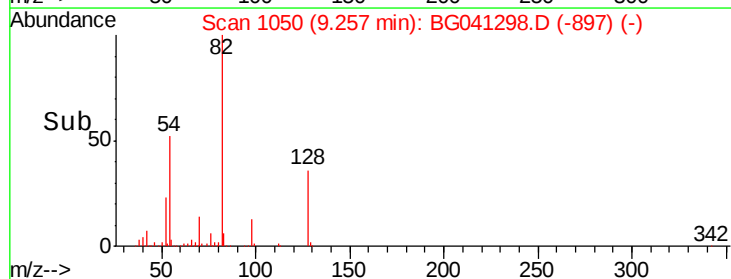
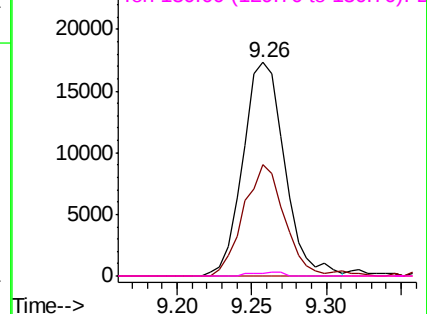
42 52.3 51.4 77.2

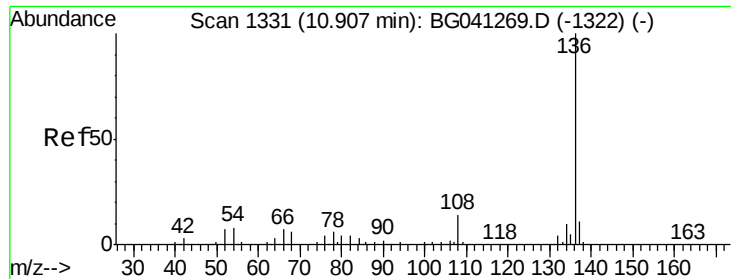
101 0.0 8.2 12.2#

130 1.1 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

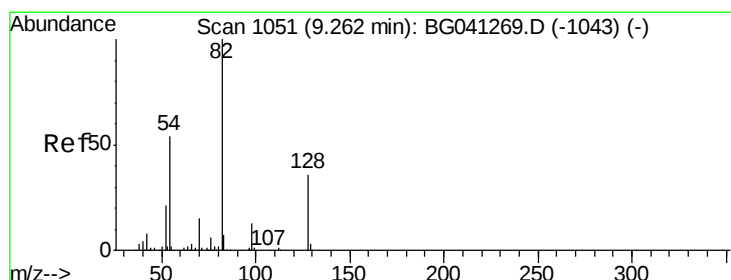
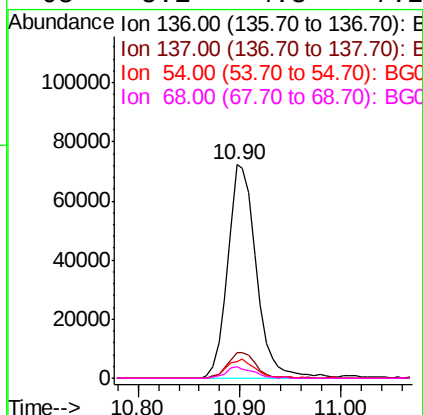
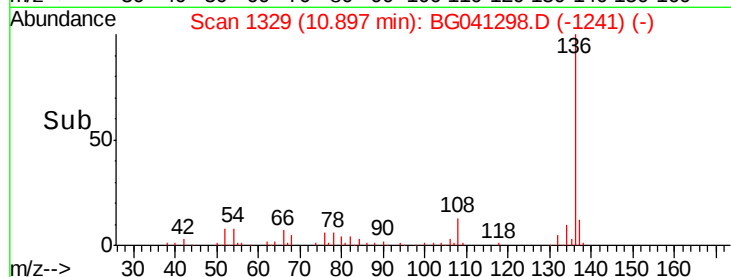
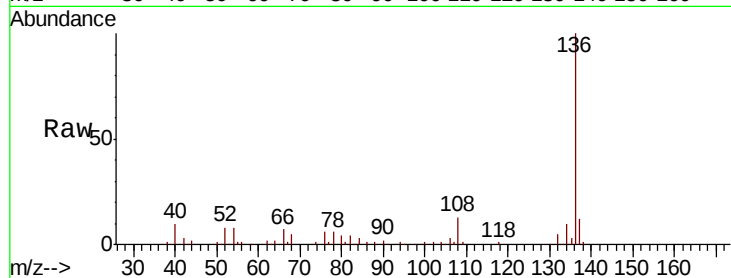




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

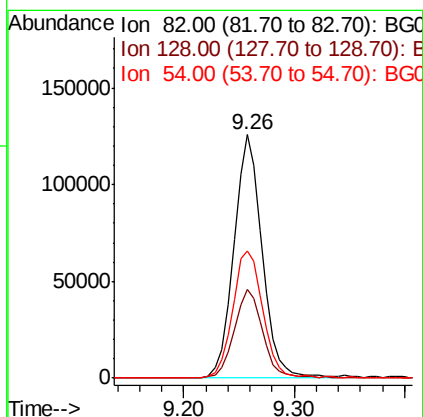
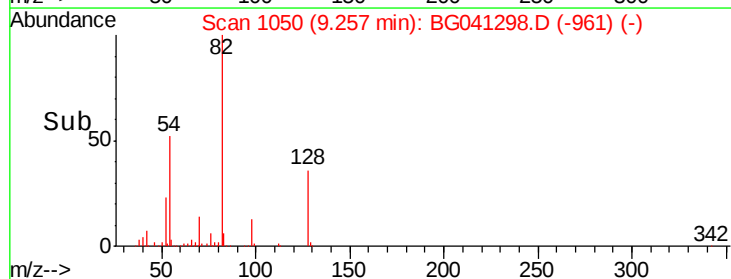
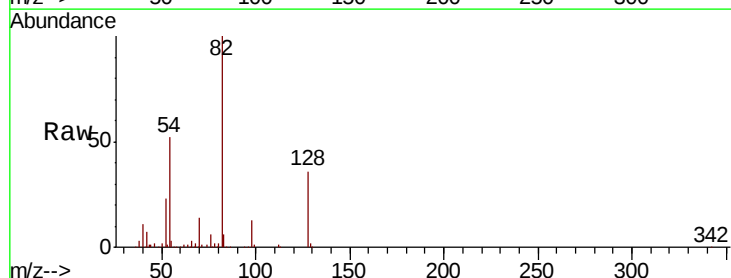
Instrument :
BNA_G
ClientSampleId :

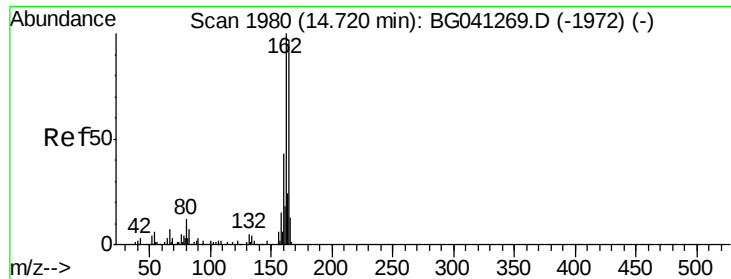
Tot Ion:136	Resp:	141573
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.8	13.2
54 7.8	6.4	9.6
68 5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 67.135 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Tgt Ion: 82	Resp: 225996
Ion Ratio	Lower Upper
82 100	
128 36.5	29.2 43.8
54 52.4	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

Instrument :

BNA_G

ClientSampleId :

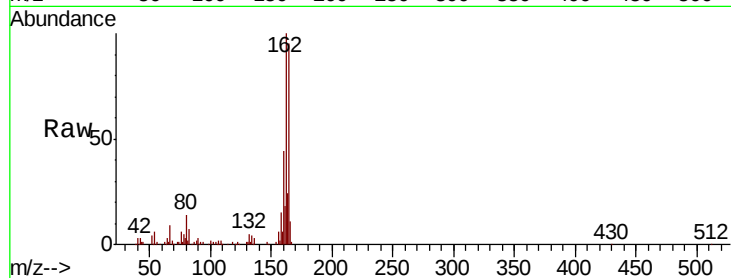
Tot Ion:164 Resp: 103000

Ion Ratio Lower Upper

164 100

162 105.4 82.8 124.2

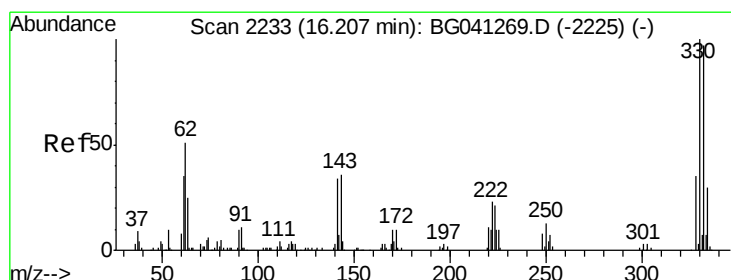
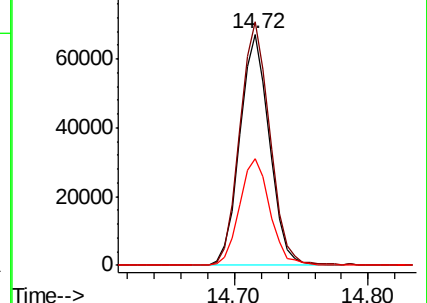
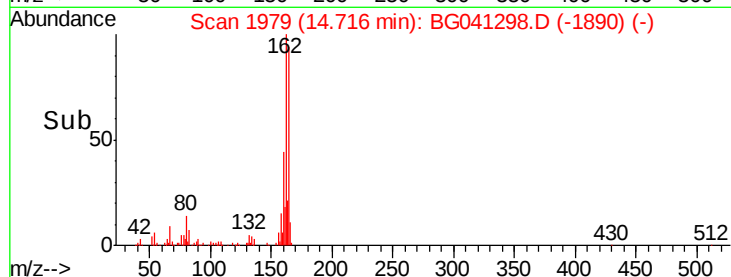
160 46.2 35.8 53.8



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: 103.647 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

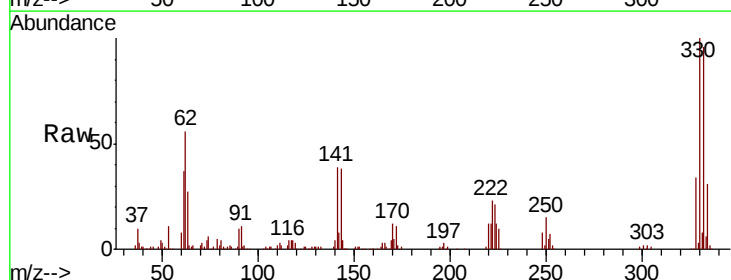
Tgt Ion:330 Resp: 163894

Ion Ratio Lower Upper

330 100

332 96.2 75.5 113.3

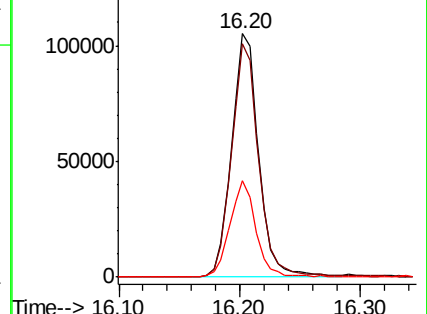
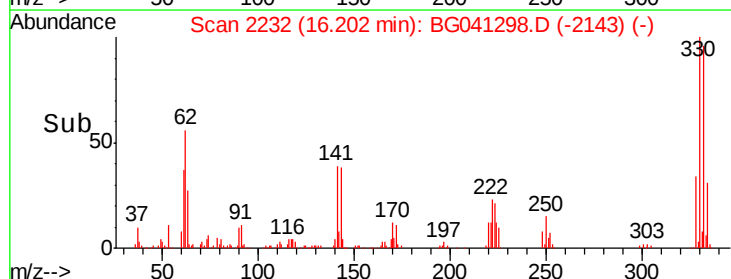
141 37.5 29.0 43.4

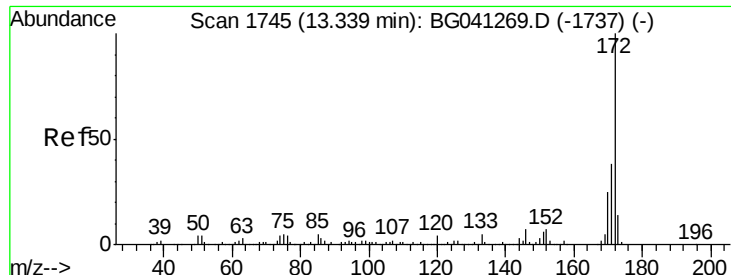


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

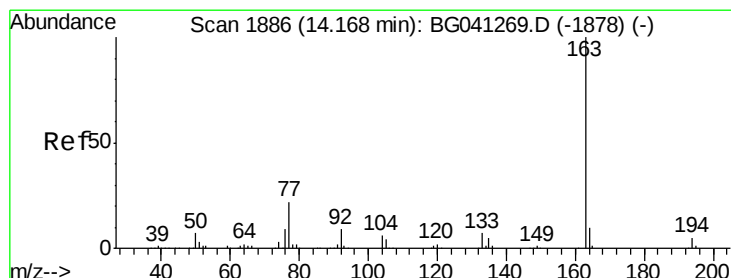
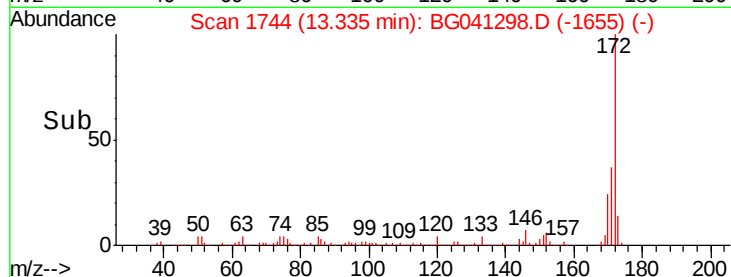
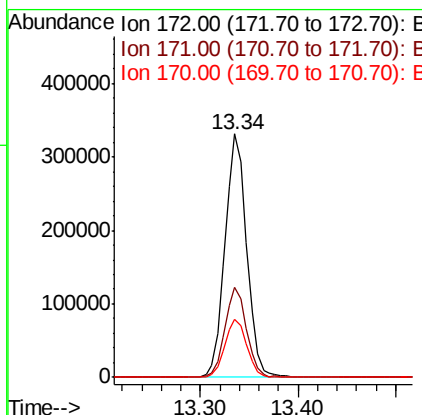
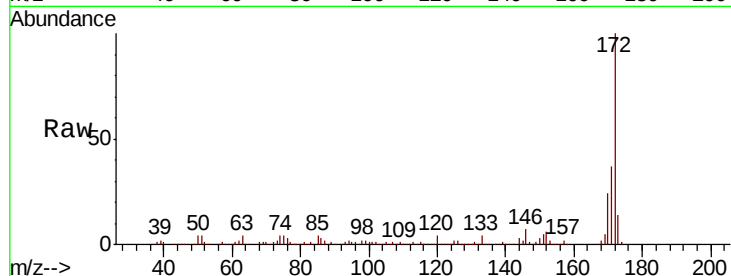




#45
2-Fluorobiphenyl
Concen: 67.256 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

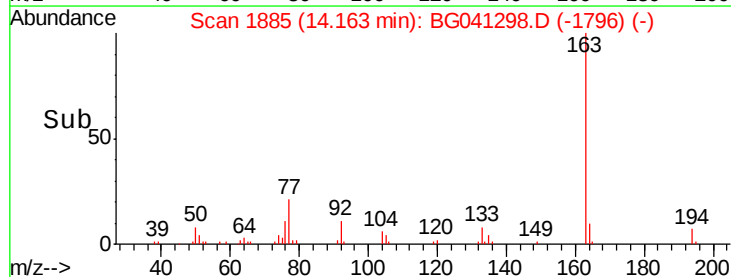
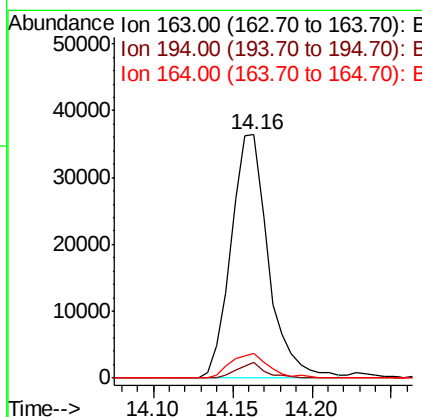
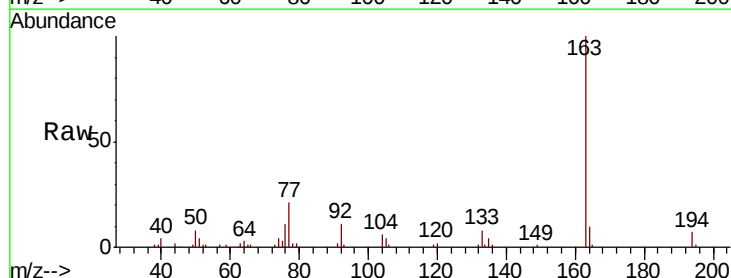
Instrument :
BNA_G
ClientSampled :

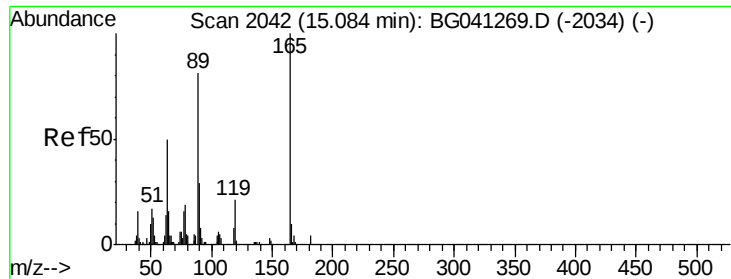
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.6	19.8	29.6



#50
Dimethylphthalate
Concen: 6.472 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.9	5.9#
164	10.0	8.3	12.5





#57

2,4-Dinitrotoluene

Concen: 4.388 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.37 min

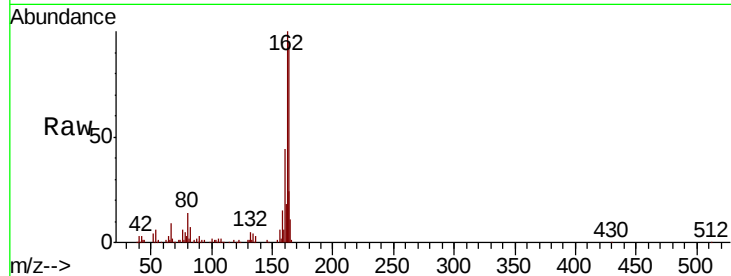
Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 12395

Ion Ratio Lower Upper

165 100

63 2.4 40.0 60.0#

89 4.3 64.6 96.8#

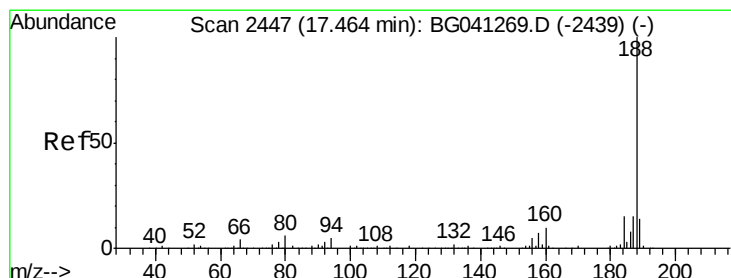
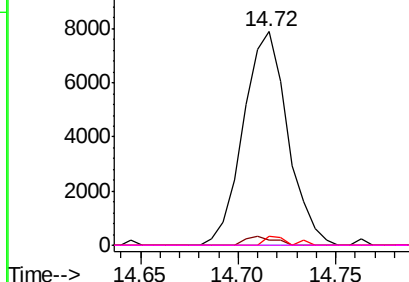
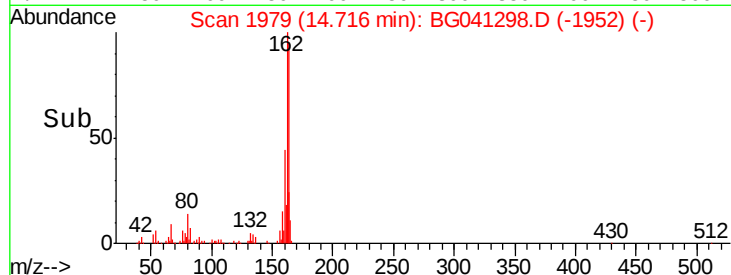
182 0.0 2.9 4.3#

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. -0.00 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

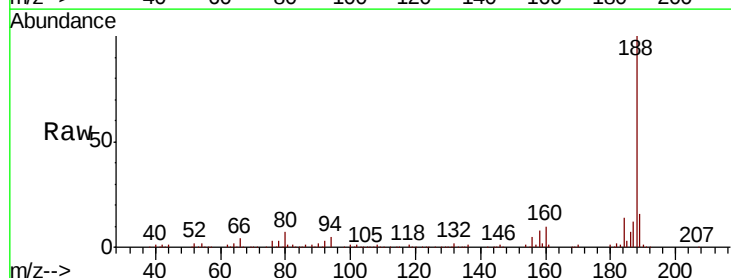
Tgt Ion:188 Resp: 263881

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

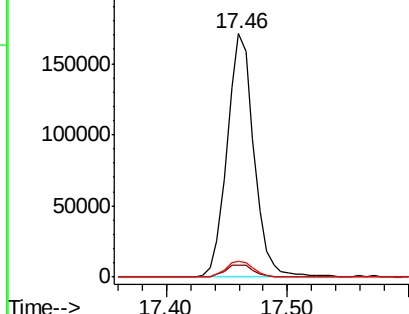
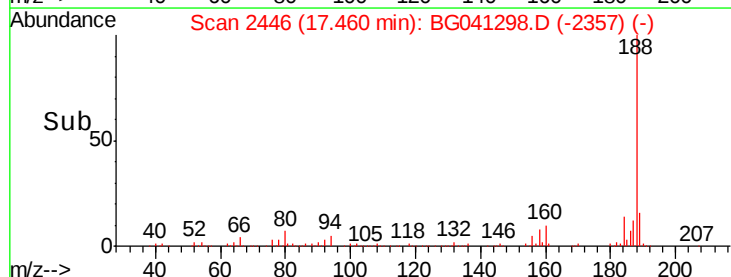
80 7.2 4.8 7.2

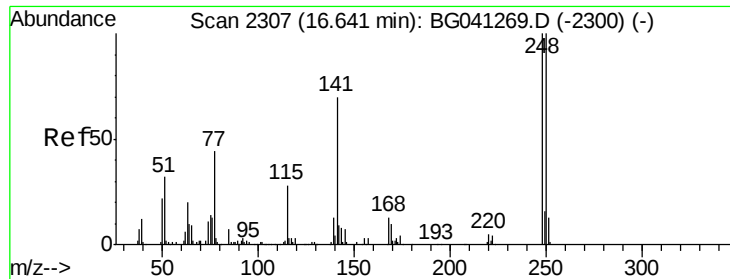


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

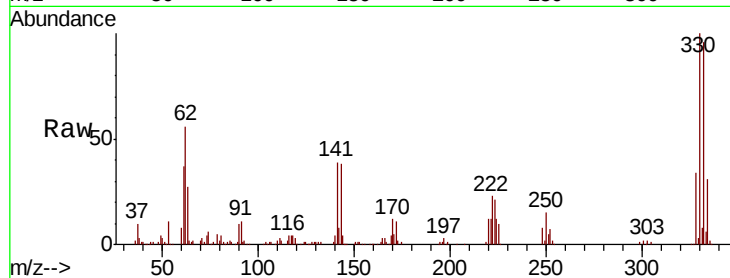




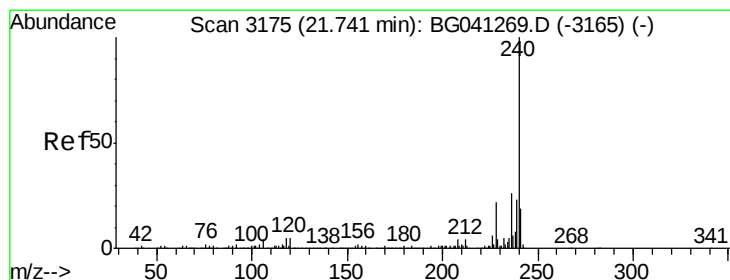
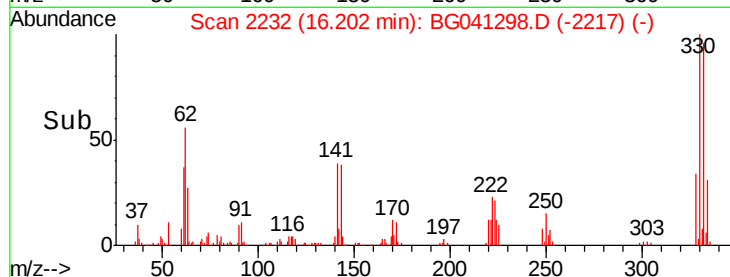
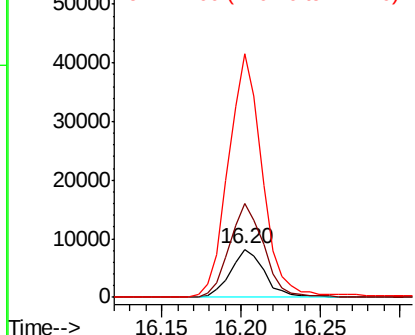
#67
4-Bromophenyl-phenylether
Concen: 3.567 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.44 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12172
Ion Ratio Lower Upper
248 100
250 195.4 79.8 119.8#
141 506.7 55.8 83.6#

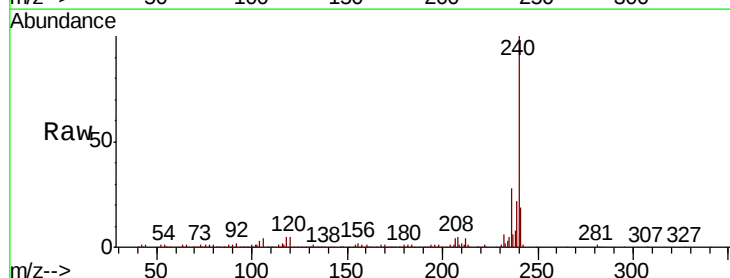


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

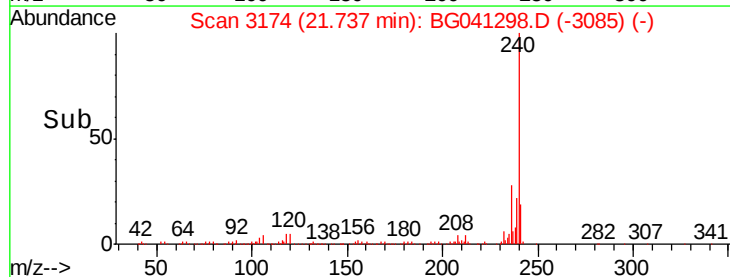
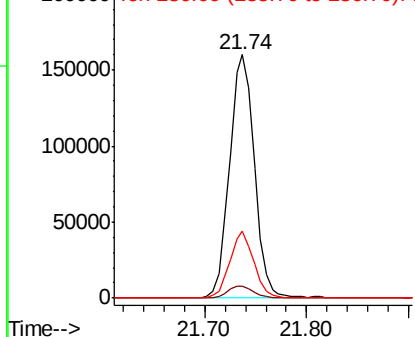


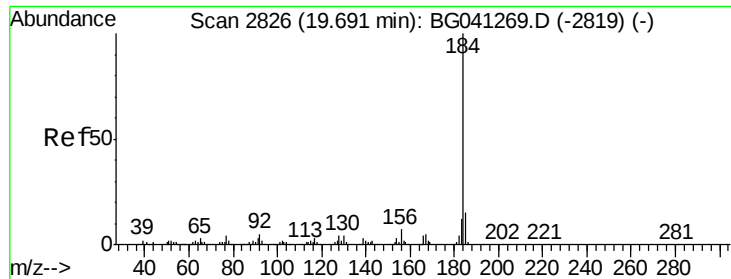
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Tgt Ion:240 Resp: 272585
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 27.6 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: 2.405 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

Instrument :

BNA_G

ClientSampleId :

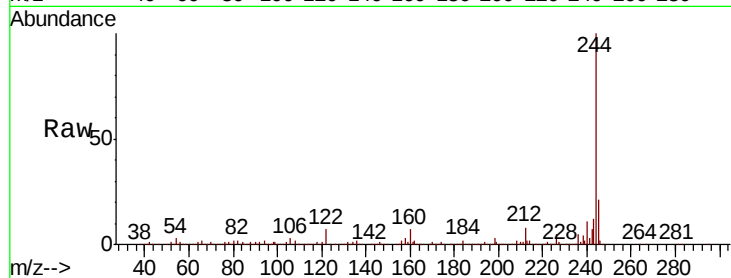
Tot Ion:184 Resp: 15857

Ion Ratio Lower Upper

184 100

185 19.1 12.2 18.2#

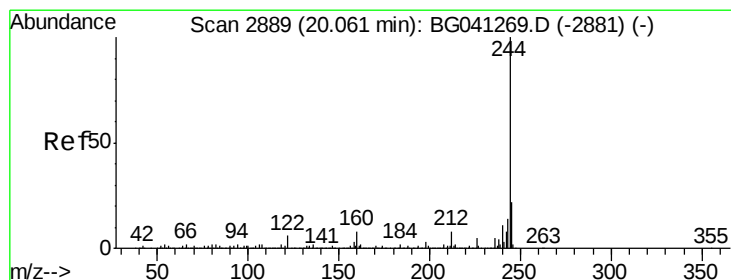
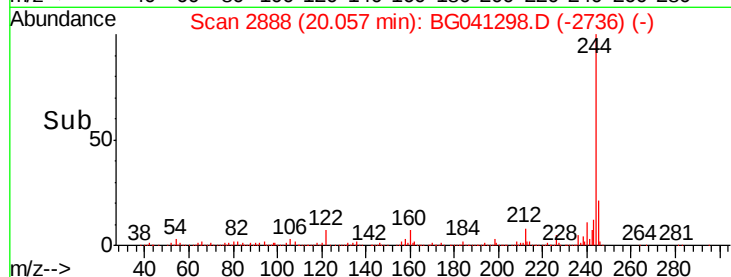
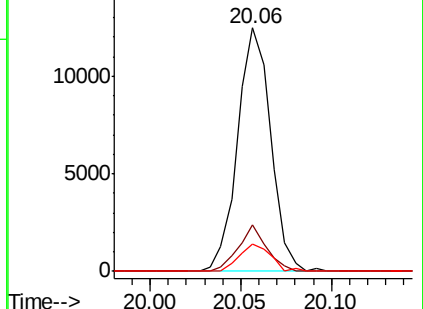
183 11.0 9.6 14.4



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: 67.963 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041298.D

Acq: 18 Jun 2019 15:35

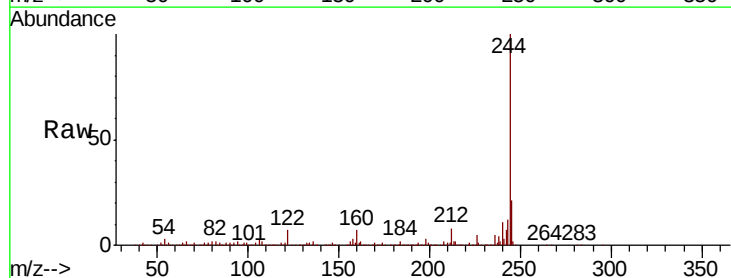
Tgt Ion:244 Resp: 934790

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

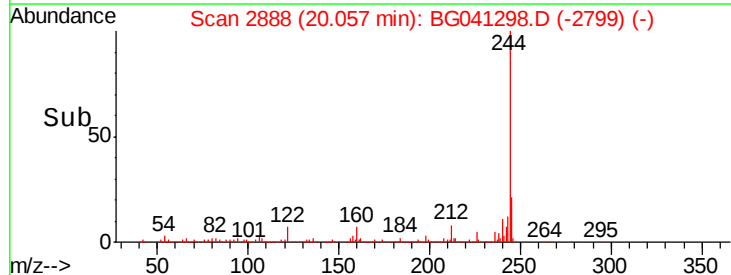
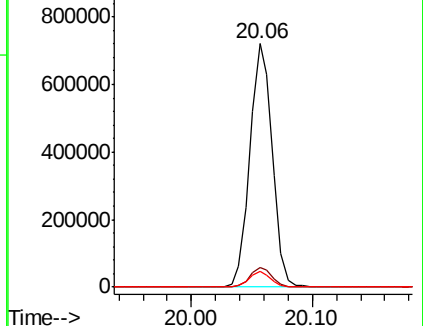
122 6.6 5.0 7.4

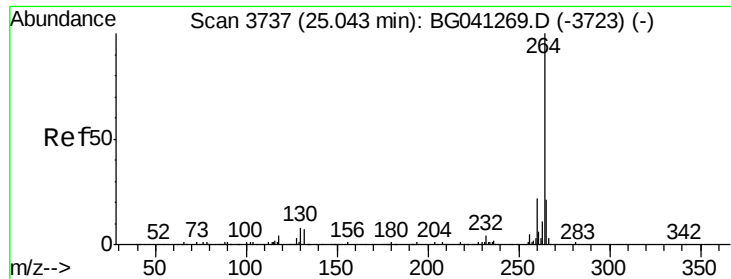


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

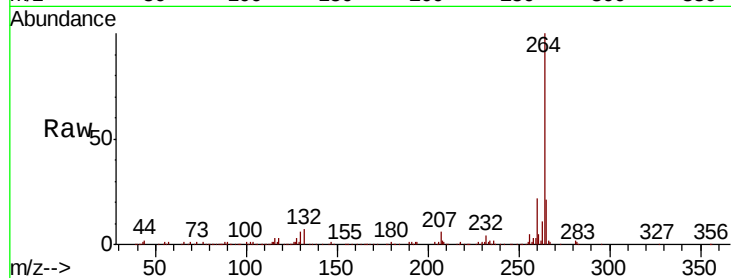




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041298.D
Acq: 18 Jun 2019 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.2
265	21.2	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

