

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041294.D
 Acq On : 18 Jun 2019 5:48
 Operator : HP/JU
 Sample : K3389-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:48:21 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

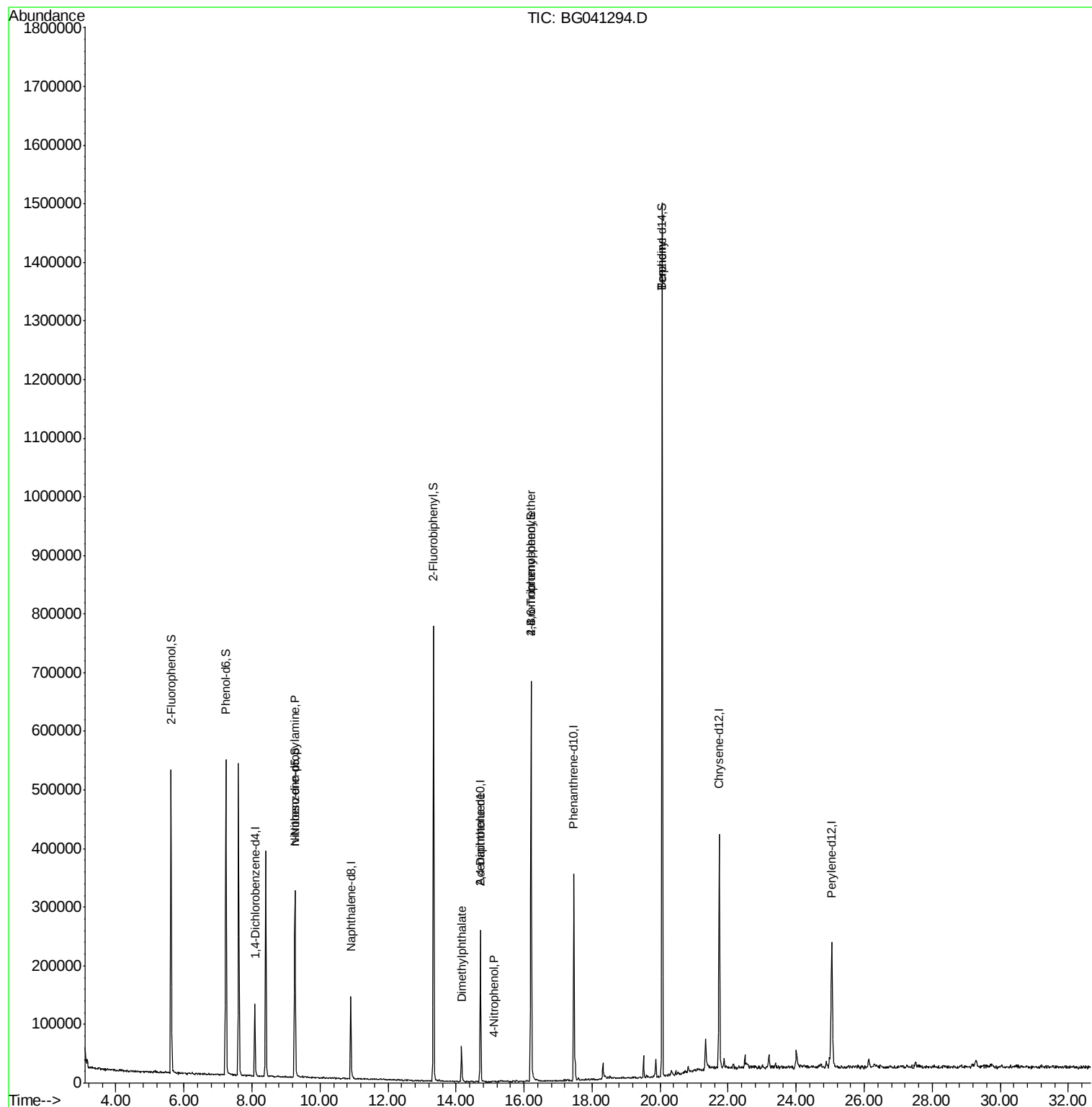
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32713	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	122397	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90630	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	225189	20.00	ng	0.00
76) Chrysene-d12	21.74	240	242009	20.00	ng	0.00
87) Perylene-d12	25.05	264	254706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	197589	110.98	ng	0.00
7) Phenol-d6	7.23	99	281813	109.20	ng	0.00
23) Nitrobenzene-d5	9.26	82	200087	68.75	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134491	96.66	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	402561	60.37	ng	0.00
79) Terphenyl-d14	20.06	244	706822	57.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29486	14.127	ng	Qvalue
50) Dimethylphthalate	14.16	163	42726	5.298	ng	# 77
56) 4-Nitrophenol	15.12	139	139	3.320	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	11473	4.616	ng	# 21
67) 4-Bromophenyl-phenylether	16.20	248	9185	3.154	ng	# 1
77) Benzidine	20.06	184	12101	2.067	ng	# 90

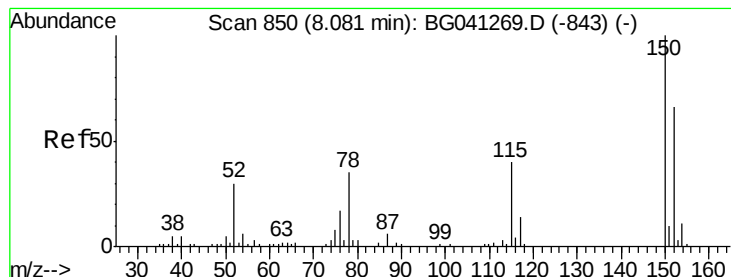
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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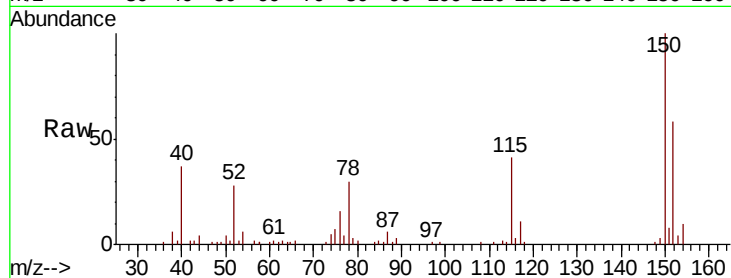


#1

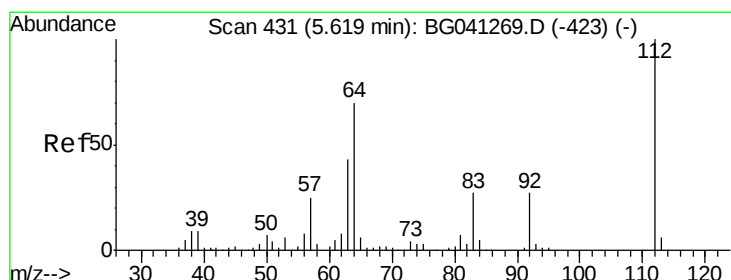
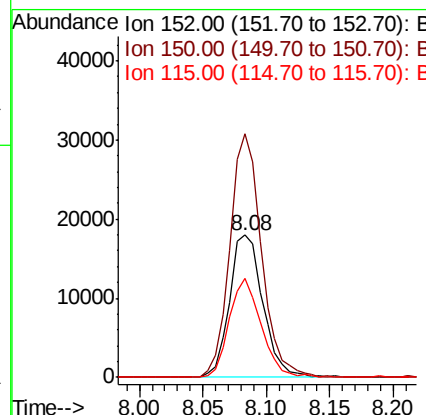
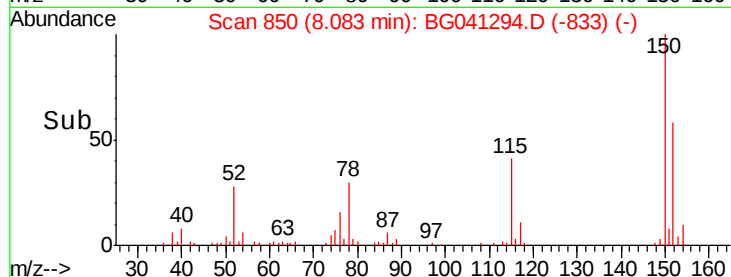
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32713
Ion Ratio Lower Upper
152 100
150 171.2 120.6 181.0
115 69.9 47.9 71.9



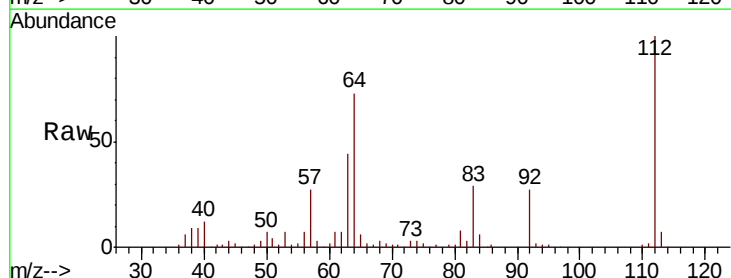
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



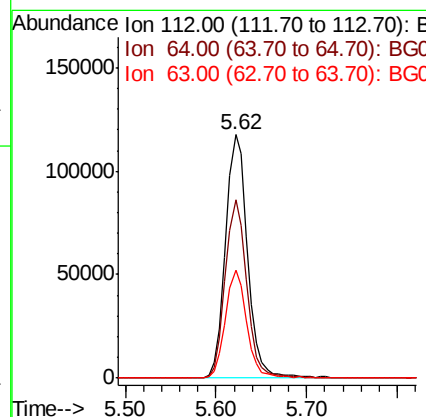
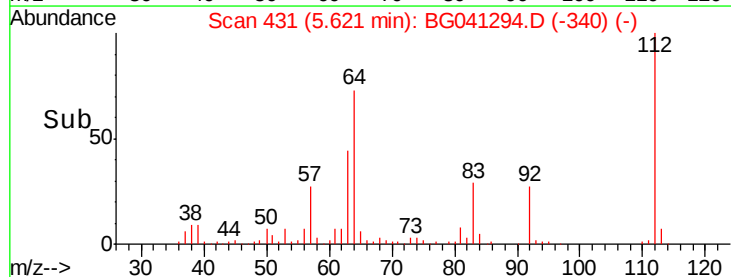
#5

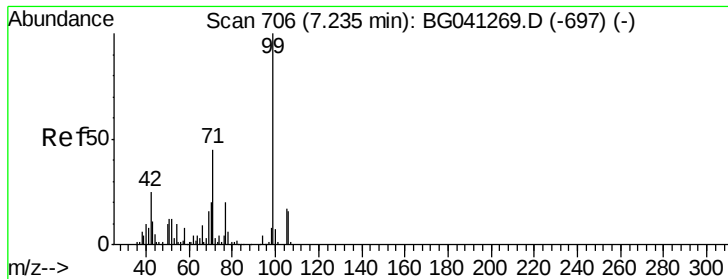
2-Fluorophenol
Concen: 110.981 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion:112 Resp: 197589
Ion Ratio Lower Upper
112 100
64 73.2 55.9 83.9
63 44.4 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: 109.201 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampled :

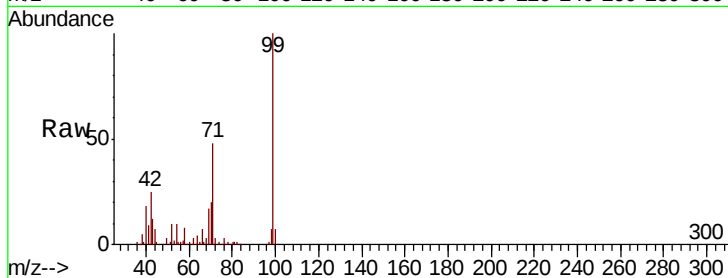
Tot Ion: 99 Resp: 281813

Ion Ratio Lower Upper

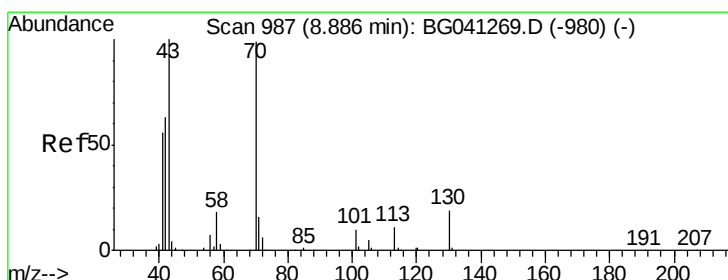
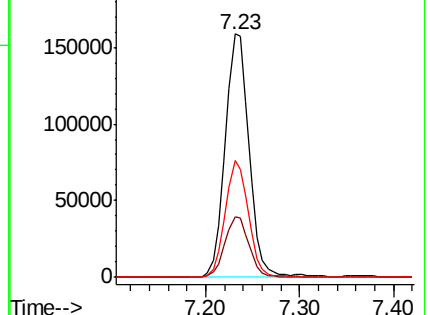
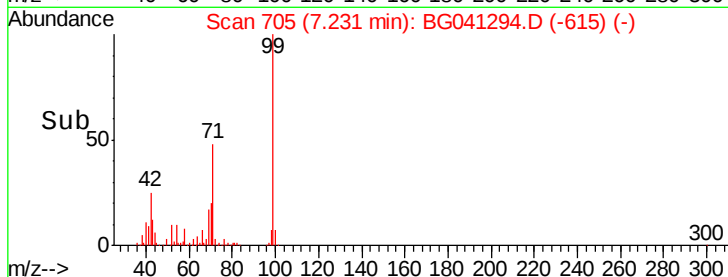
99 100

42 24.8 19.9 29.9

71 47.9 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: 14.127 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Tgt Ion: 70 Resp: 29486

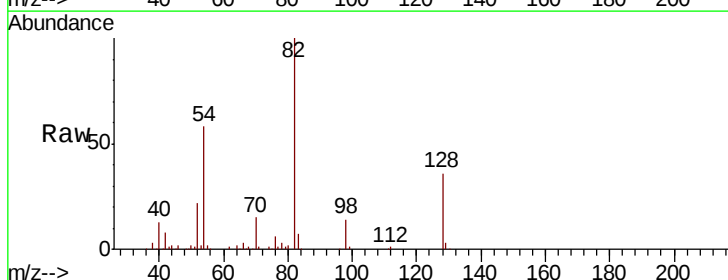
Ion Ratio Lower Upper

70 100

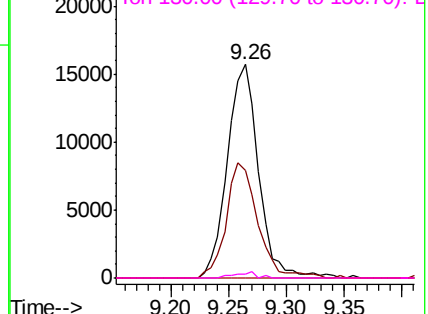
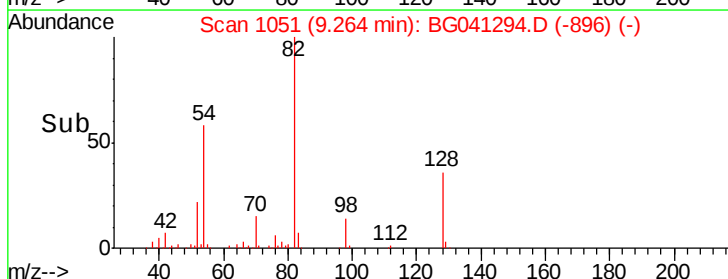
42 50.5 51.4 77.2#

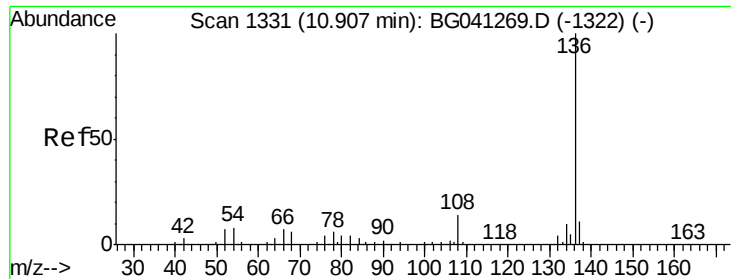
101 0.0 8.2 12.2#

130 2.0 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

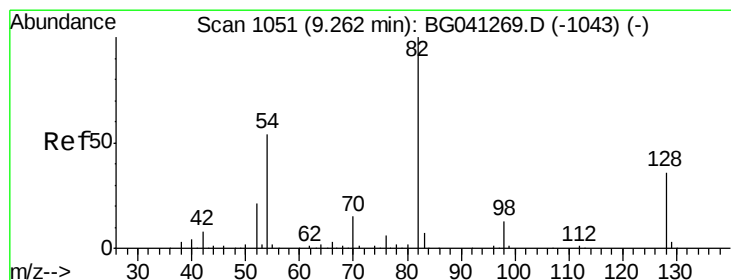
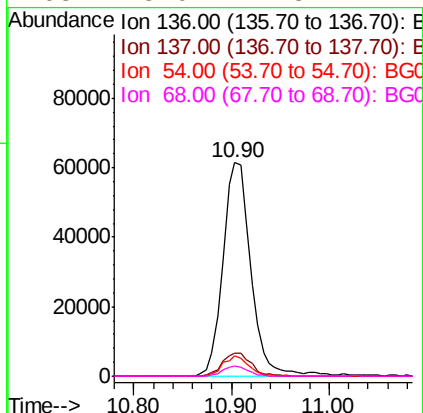
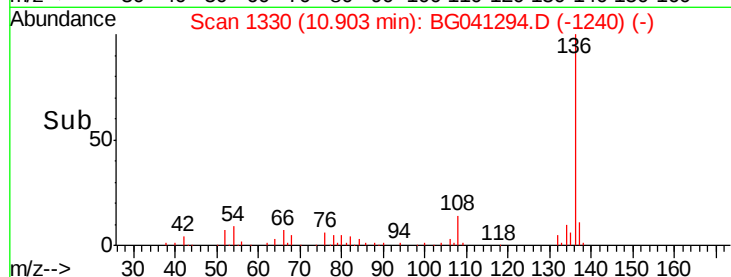
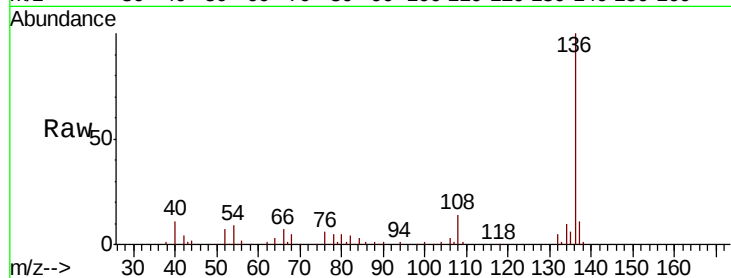




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

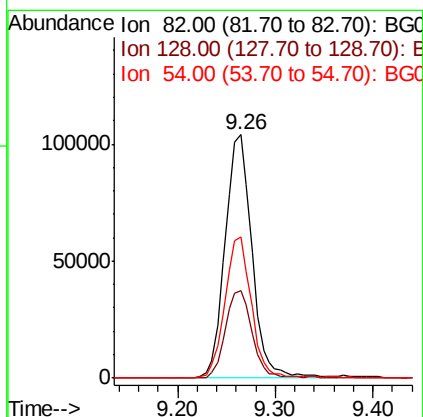
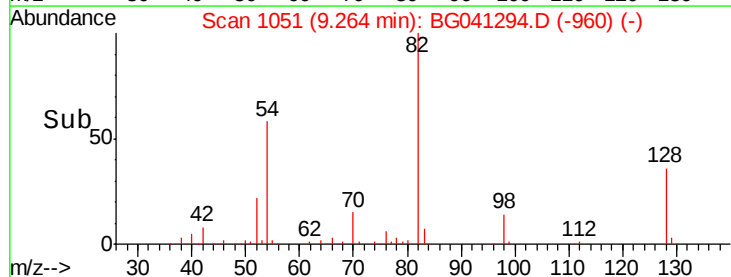
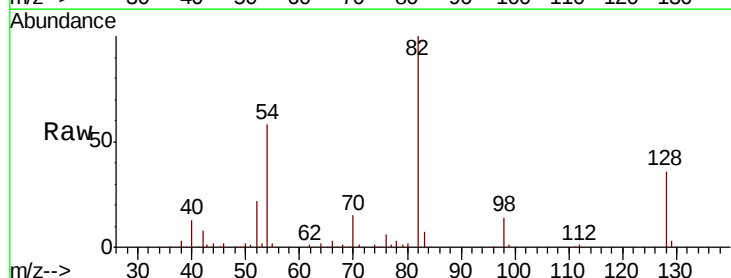
Instrument :
BNA_G
ClientSampleId :

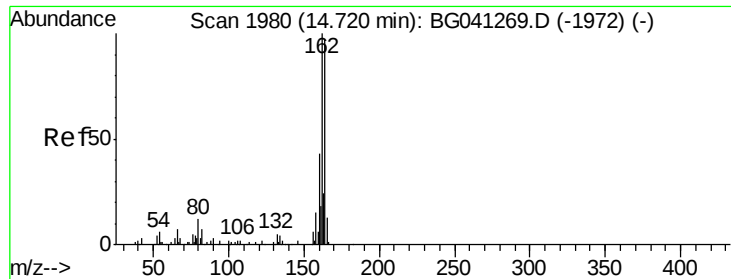
Tot Ion:136	Resp:	122397
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.3	6.4 9.6
68	5.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 68.751 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion: 82	Resp:	200087
Ion Ratio	Lower	Upper
82	100	
128	36.1	29.2 43.8
54	58.0	43.4 65.0

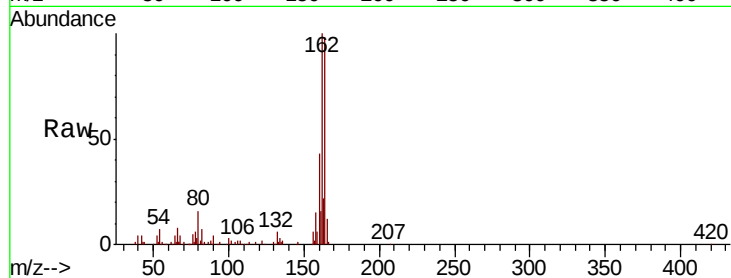




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	43.5	35.8	53.8

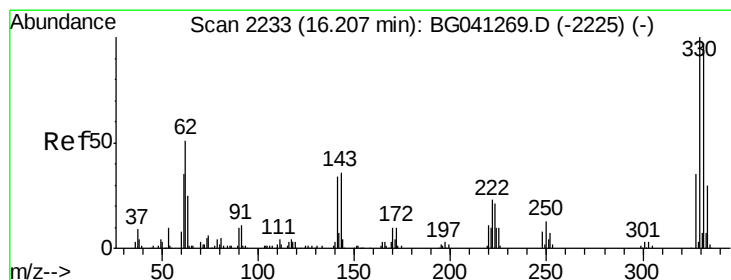
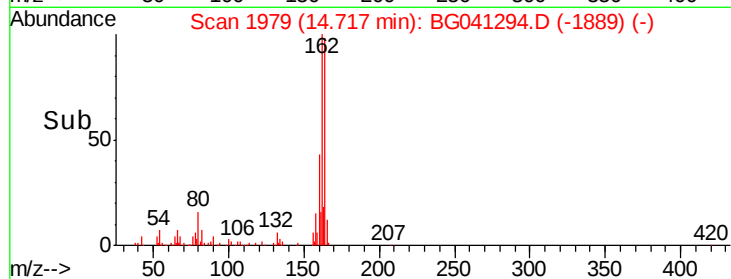
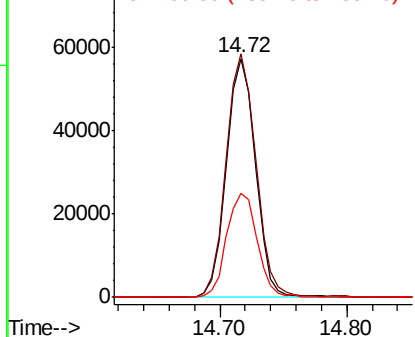


Abundance

Ion 164.00 (163.70 to 164.70): E

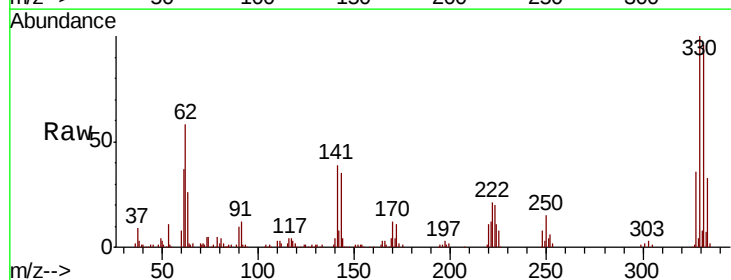
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 96.661 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	36.2	29.0	43.4

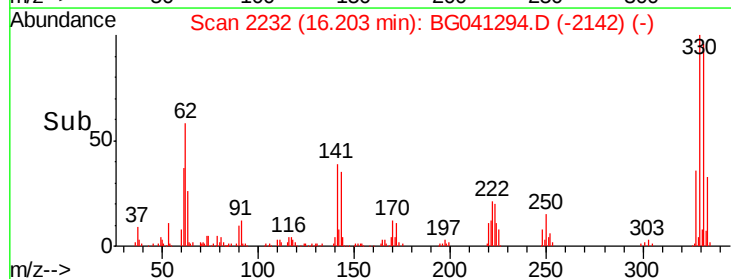
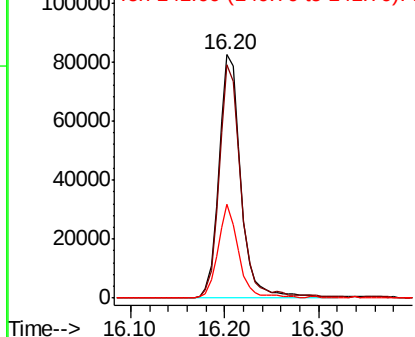


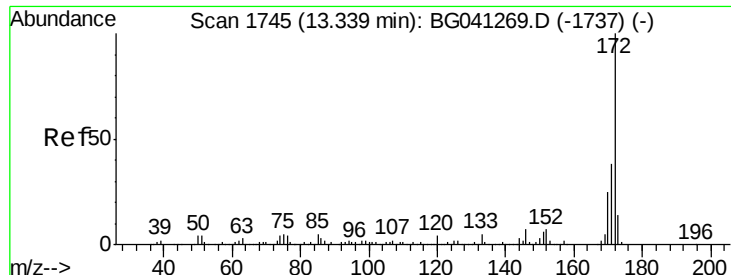
Abundance

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

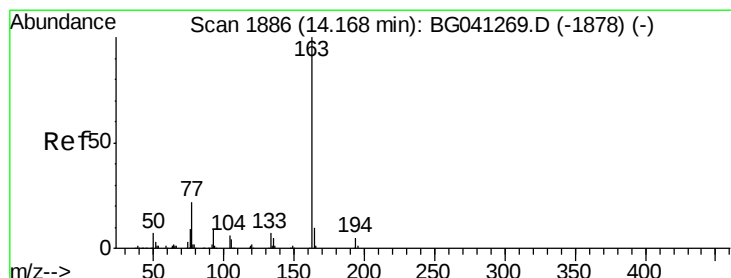
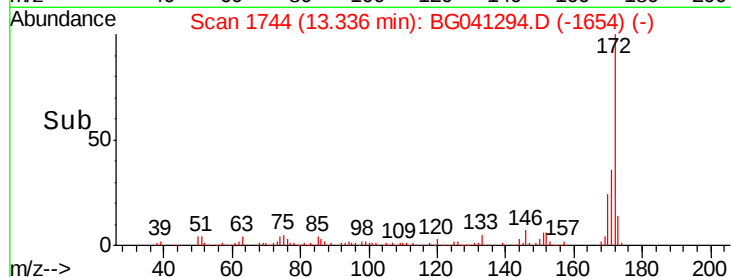
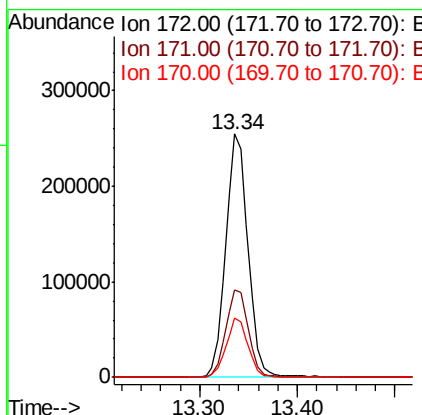
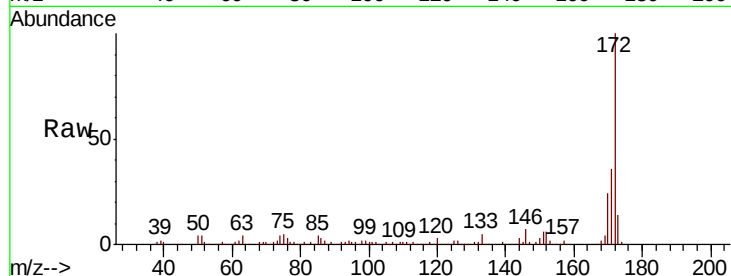




#45
2-Fluorobiphenyl
Concen: 60.371 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

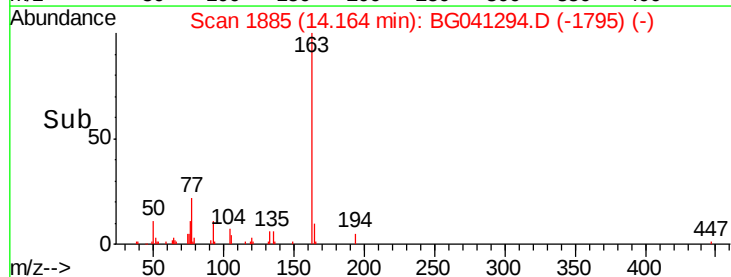
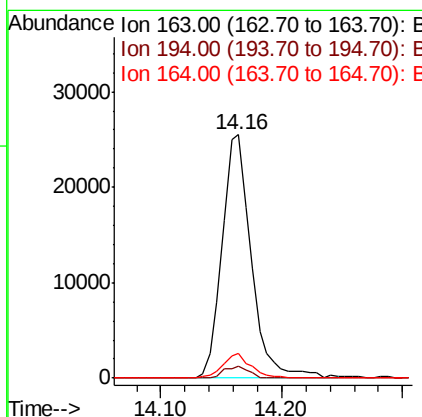
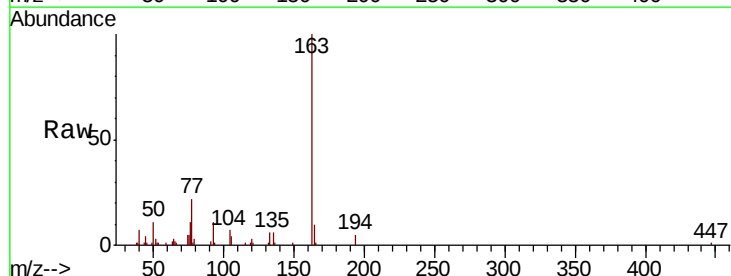
Instrument :
BNA_G
ClientSampleId :

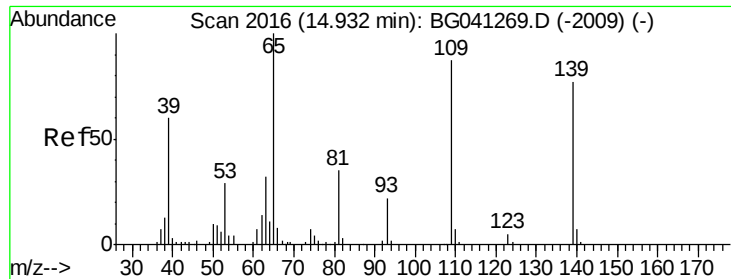
Tot Ion:172 Resp: 402561
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 5.298 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion:163 Resp: 42726
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 10.2 8.3 12.5





#56

4-Nitrophenol

Concen: 3.320 ng

RT: 15.12 min Scan# 2047

Delta R.T. 0.19 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampleId :

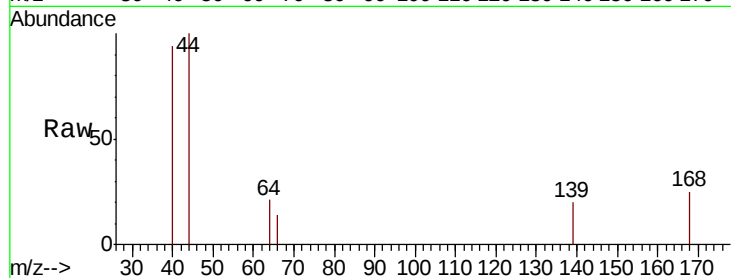
Tot Ion:139 Resp: 139

Ion Ratio Lower Upper

139 100

109 0.0 93.2 133.2#

65 0.0 110.2 150.2#

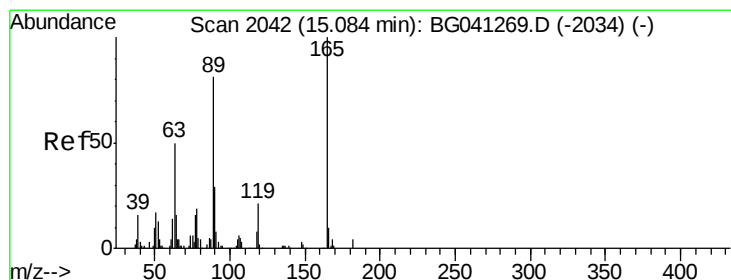
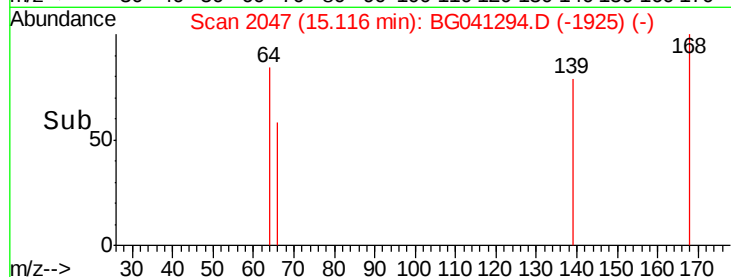
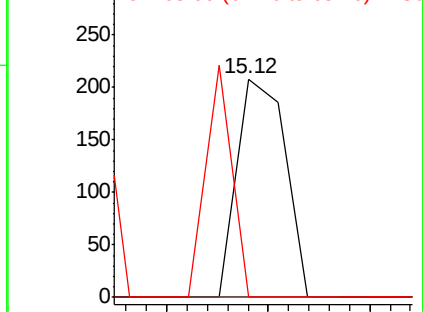


Abundance

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): BGC



#57

2,4-Dinitrotoluene

Concen: 4.616 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.37 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Tgt Ion:165 Resp: 11473

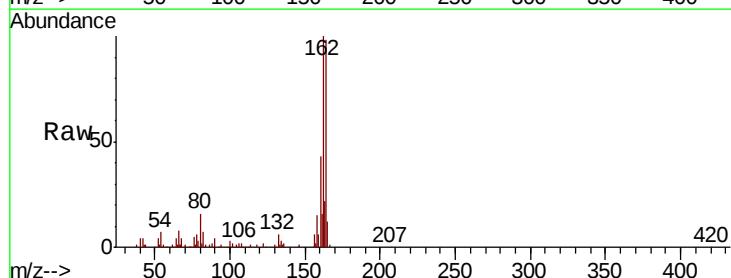
Ion Ratio Lower Upper

165 100

63 2.3 40.0 60.0#

89 3.3 64.6 96.8#

182 0.0 2.9 4.3#



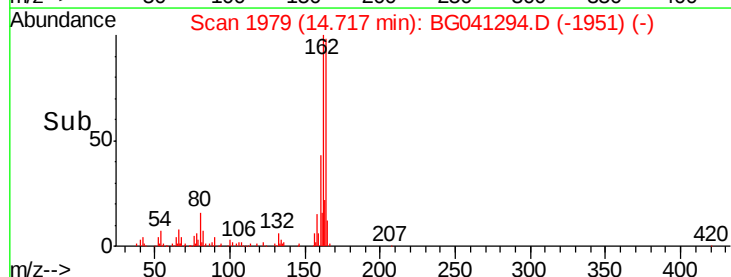
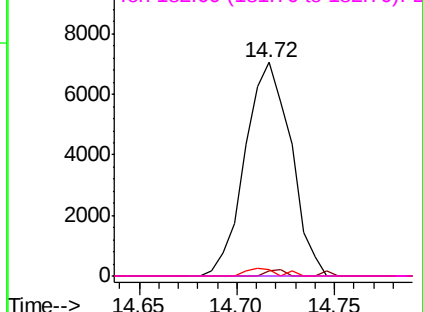
Abundance

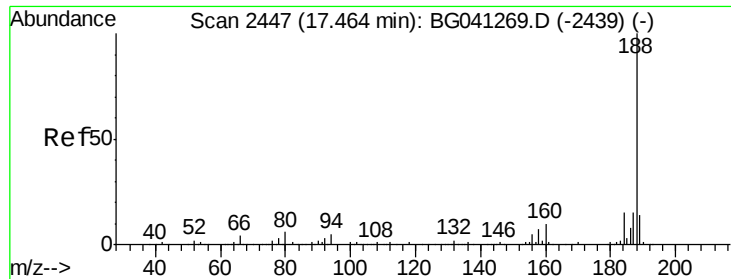
Ion 165.00 (164.70 to 165.70): E

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

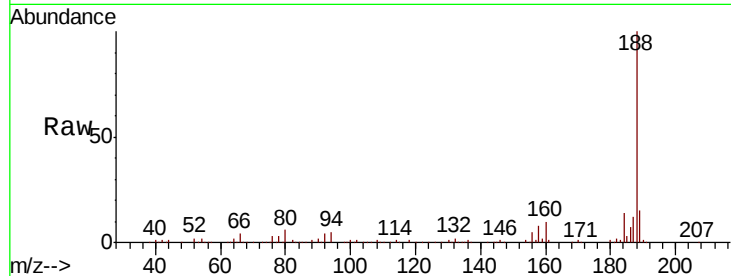




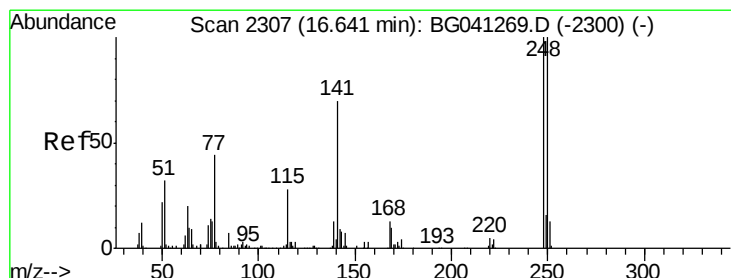
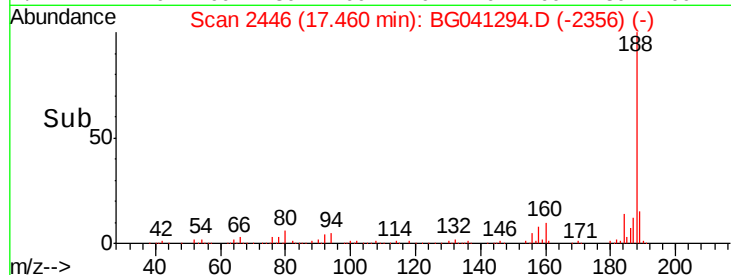
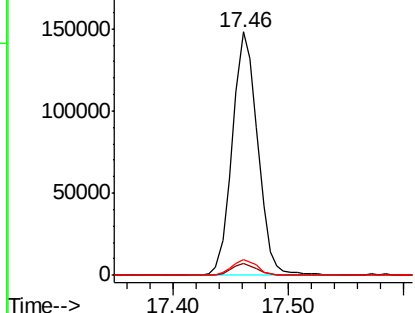
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 225189
 Ion Ratio Lower Upper
 188 100
 94 5.0 3.6 5.4
 80 6.3 4.8 7.2

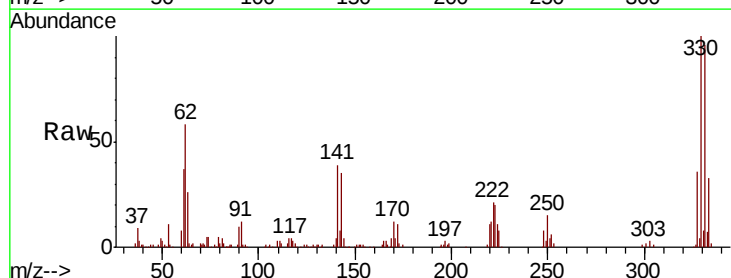


Abundance Ion 188.00 (187.70 to 188.70): E
 200000 Ion 94.00 (93.70 to 94.70): BGC
 150000 Ion 80.00 (79.70 to 80.70): BGC
 100000
 50000
 0

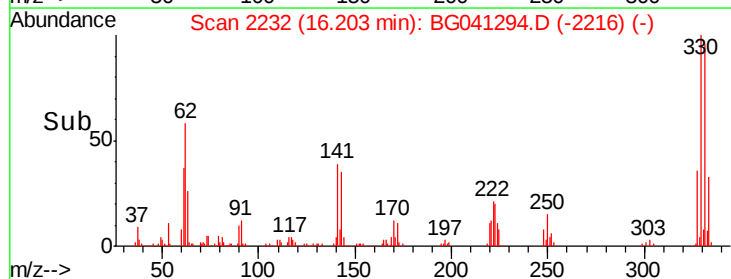
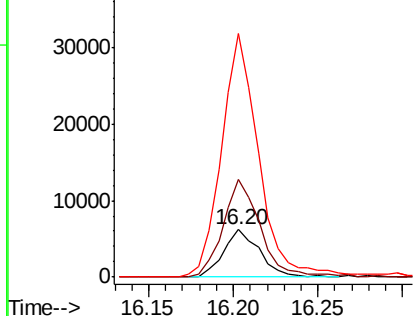


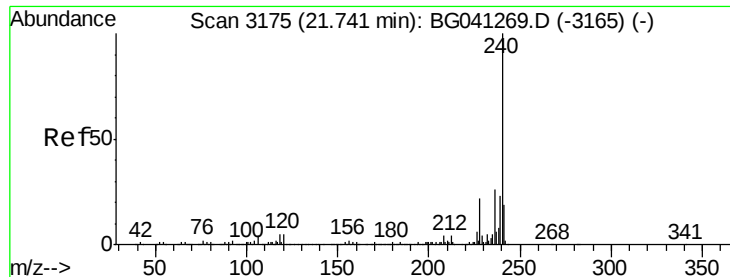
#67
 4-Bromophenyl-phenylether
 Concen: 3.154 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.44 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Tgt Ion:248 Resp: 9185
 Ion Ratio Lower Upper
 248 100
 250 204.7 79.8 119.8#
 141 512.9 55.8 83.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 40000 Ion 250.00 (249.70 to 250.70): E
 30000 Ion 141.00 (140.70 to 141.70): E
 20000
 10000
 0

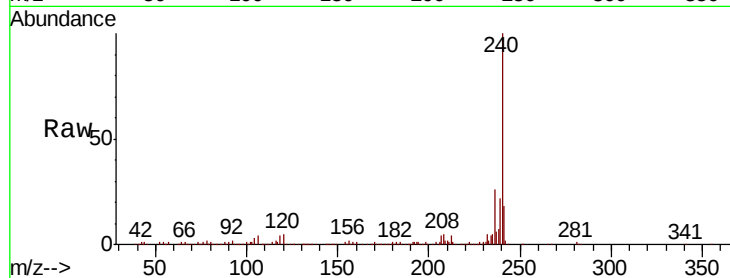




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.7	5.5
236	25.7	21.1	31.7

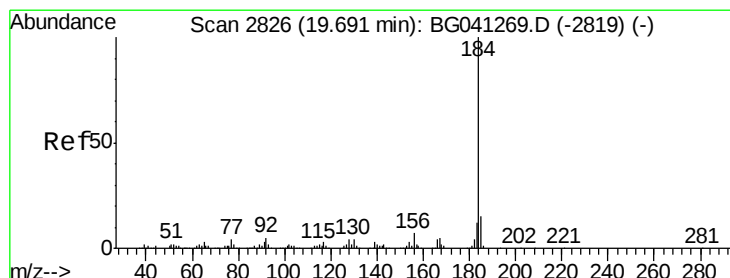
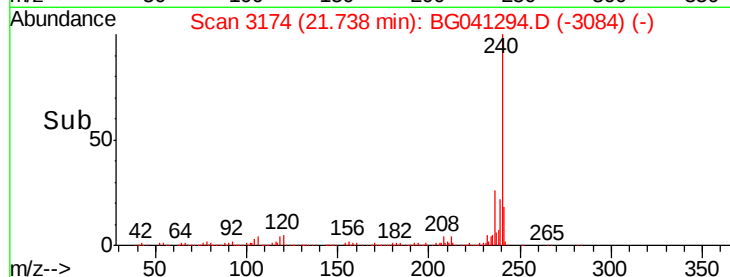
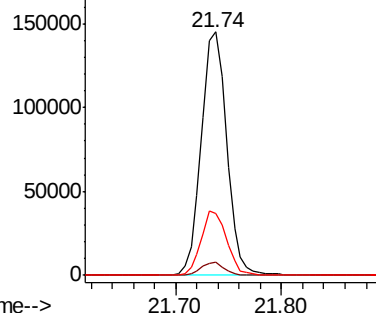


Abundance

Ion 240.00 (239.70 to 240.70): E

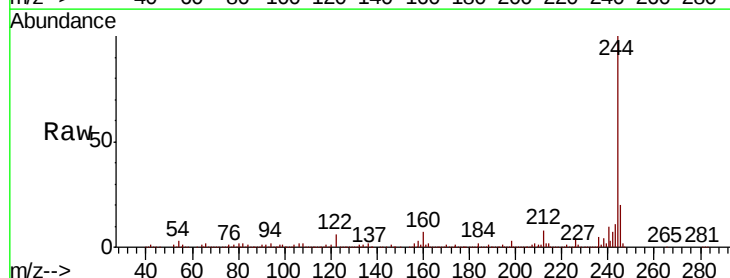
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 2.067 ng
RT: 20.06 min Scan# 2888
Delta R.T. 0.37 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.0	12.2	18.2
183	6.3	9.6	14.4#

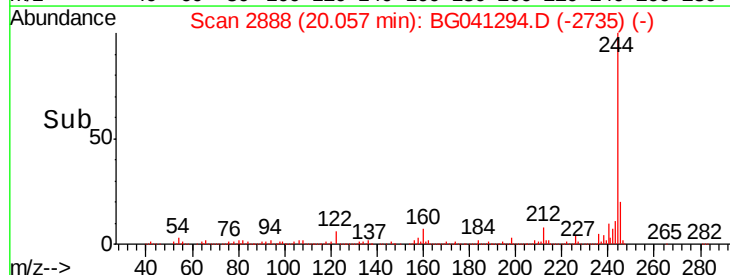
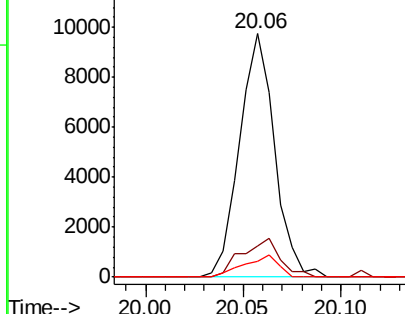


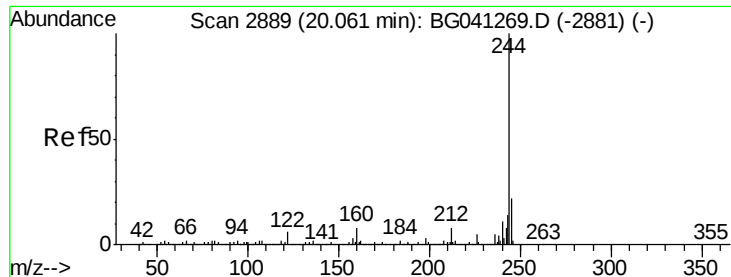
Abundance

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: 57.881 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampleId :

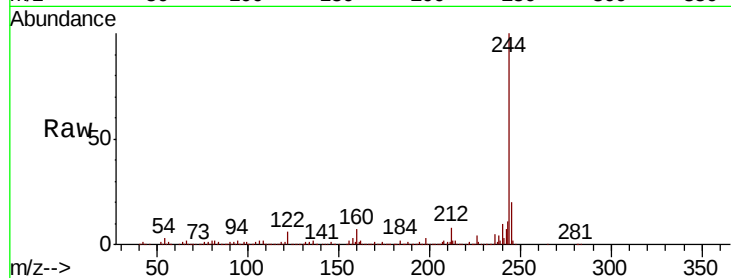
Tot Ion:244 Resp: 706822

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

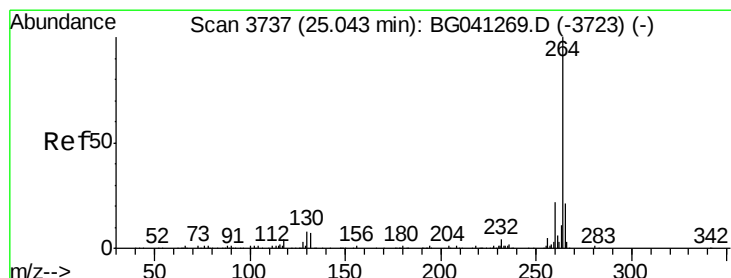
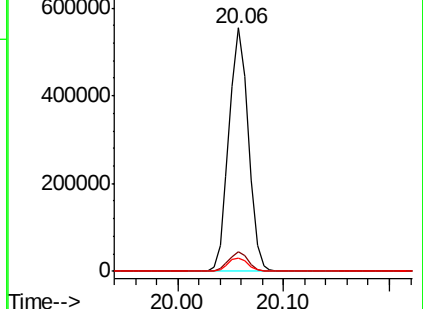
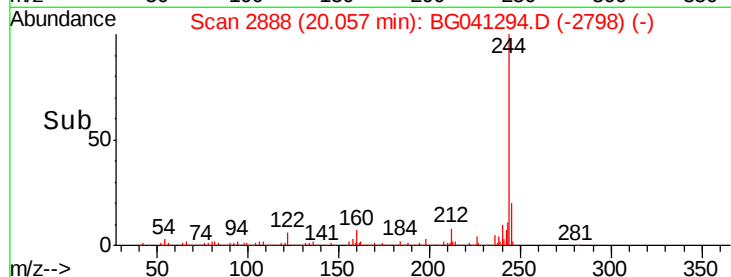
122 5.6 5.0 7.4



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: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

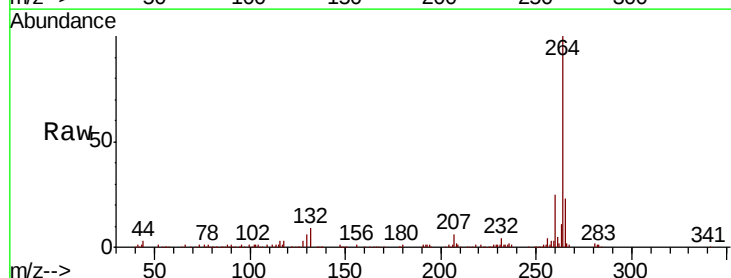
Tgt Ion:264 Resp: 254706

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.2

265 22.7 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

