

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043822.D
 Acq On : 17 Dec 2019 16:43
 Operator : JU
 Sample : PB125483BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 01:03:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

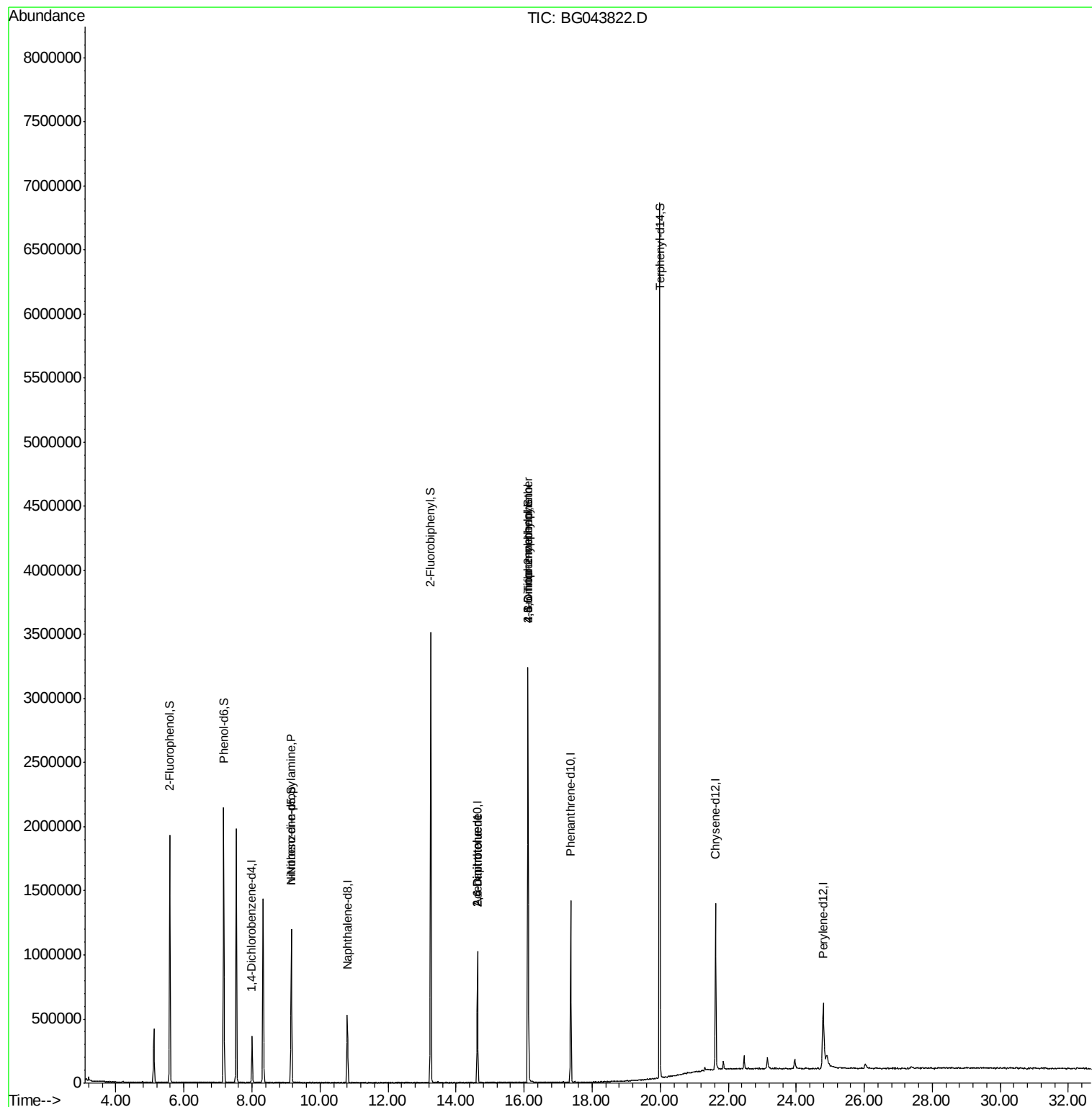
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	108076	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	475154	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	365128	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	899369	20.00	ng	0.00
76) Chrysene-d12	21.63	240	770794	20.00	ng	0.00
87) Perylene-d12	24.79	264	777772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	880383	154.34	ng	0.00
7) Phenol-d6	7.17	99	1292850	157.16	ng	0.00
23) Nitrobenzene-d5	9.16	82	745841	88.13	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	561877	161.41	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1817889	87.46	ng	0.00
79) Terphenyl-d14	19.99	244	2840131	88.65	ng	0.00
Target Compounds						
9) Benzaldehyde	7.17	77	2264	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	99140	15.764	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	48378	8.614	ng	# 28
57) 2,4-Dinitrotoluene	14.63	165	48378	6.375	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.11	198	2167	10.002	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	45138	4.694	ng	# 1

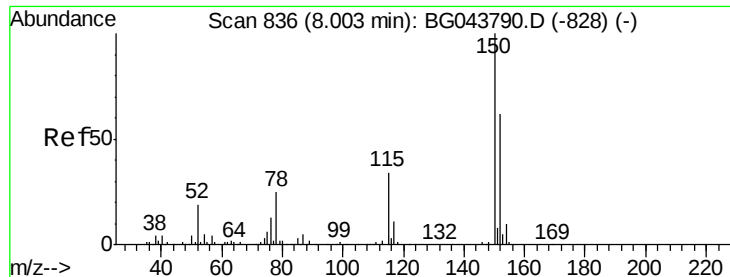
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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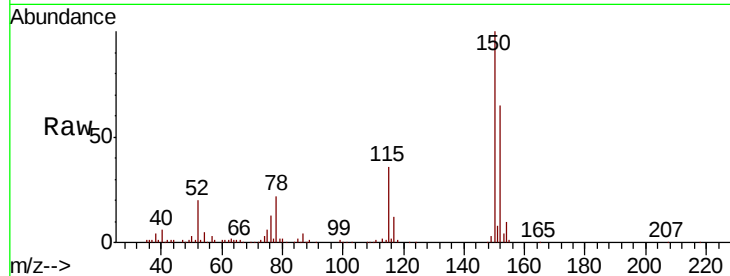


#1

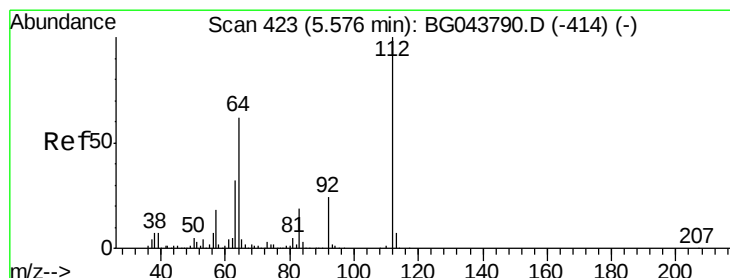
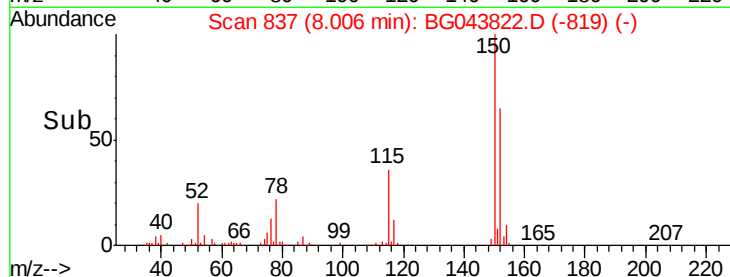
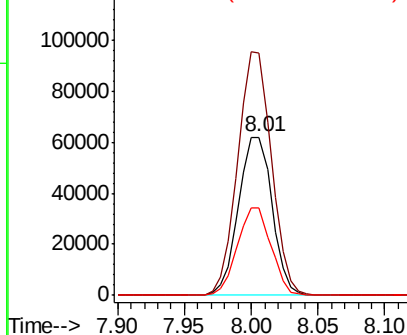
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 108076
Ion Ratio Lower Upper
152 100
150 153.2 128.6 192.8
115 55.2 44.3 66.5



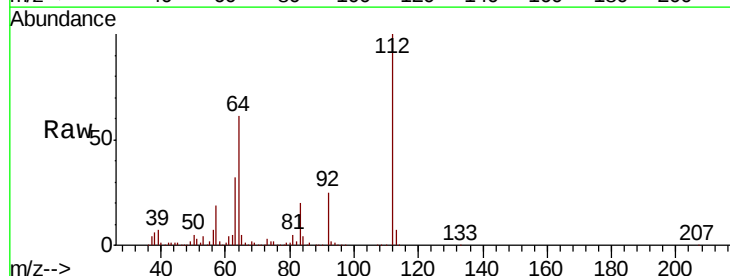
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



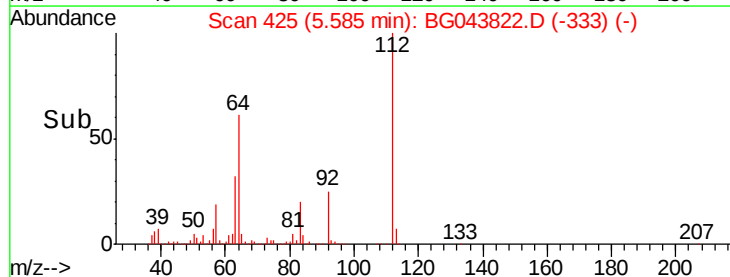
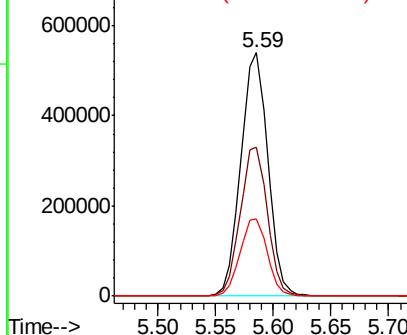
#5

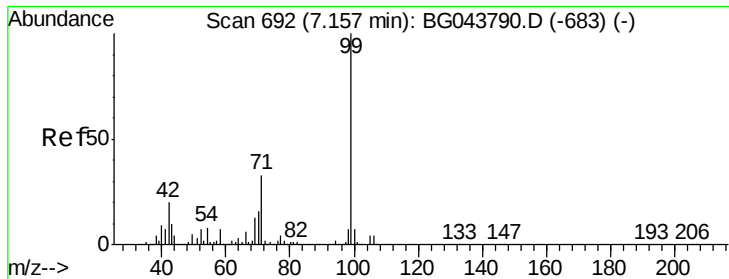
2-Fluorophenol
Concen: 154.343 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion:112 Resp: 880383
Ion Ratio Lower Upper
112 100
64 61.4 49.9 74.9
63 31.8 26.0 39.0



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: 157.161 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Instrument :

BNA_G

ClientSampleId :

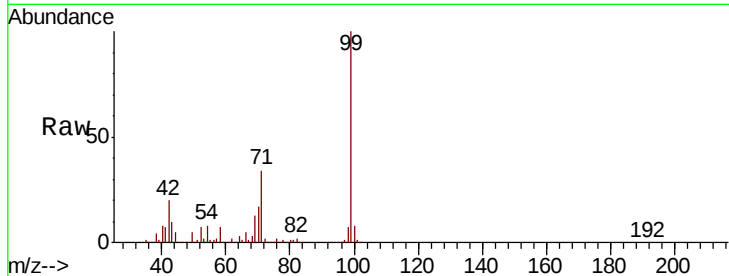
Tot Ion: 99 Resp: 1292850

Ion Ratio Lower Upper

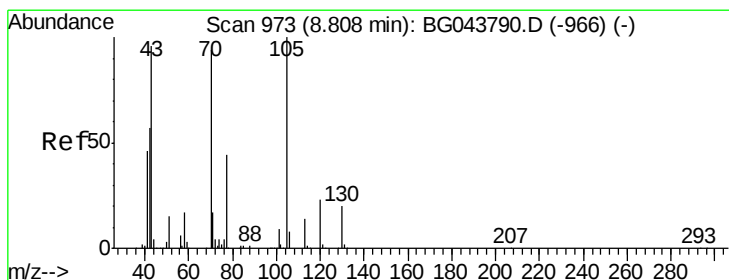
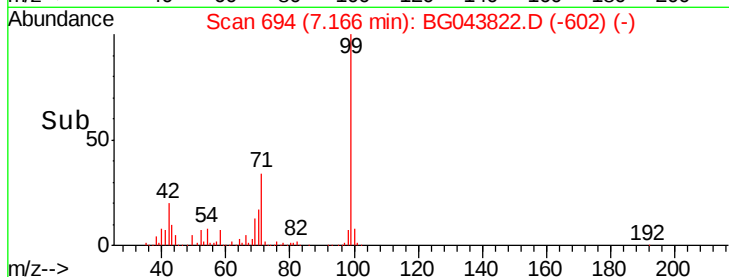
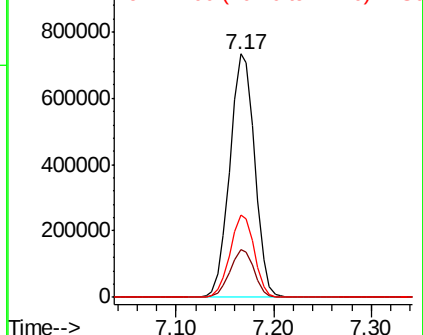
99 100

42 19.8 16.2 24.2

71 33.7 26.6 40.0



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: 15.764 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.34 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Tgt Ion: 70 Resp: 99140

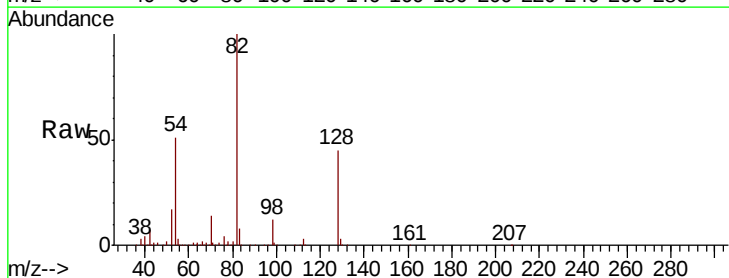
Ion Ratio Lower Upper

70 100

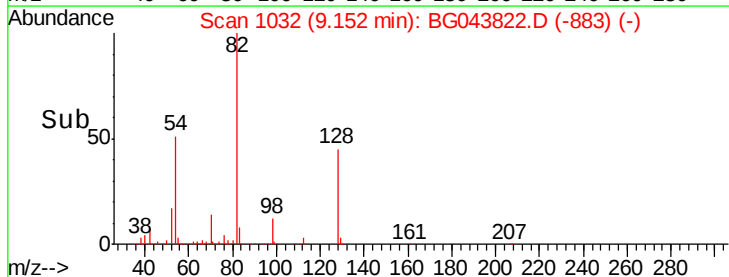
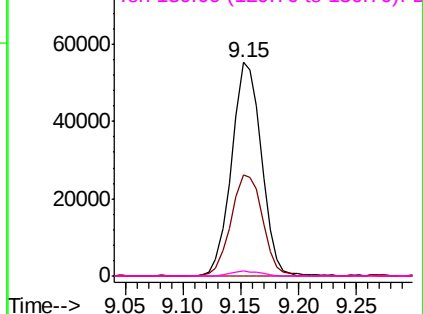
42 47.4 49.2 73.8#

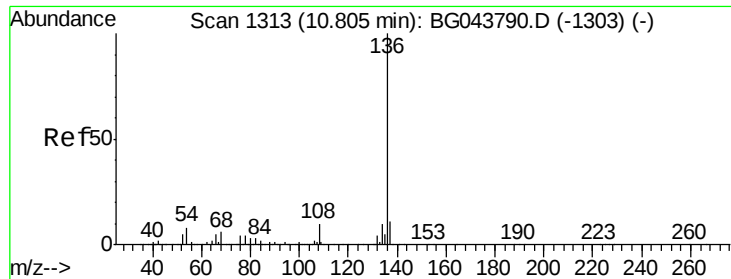
101 0.0 7.8 11.6#

130 2.3 17.0 25.6#



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

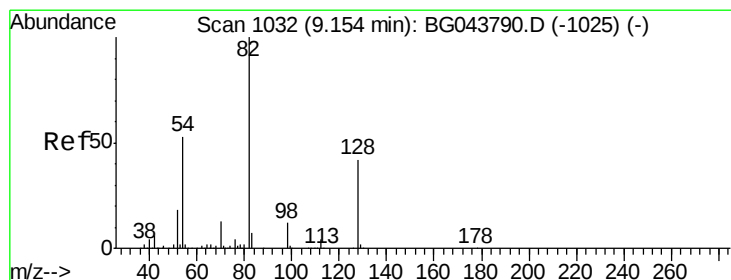
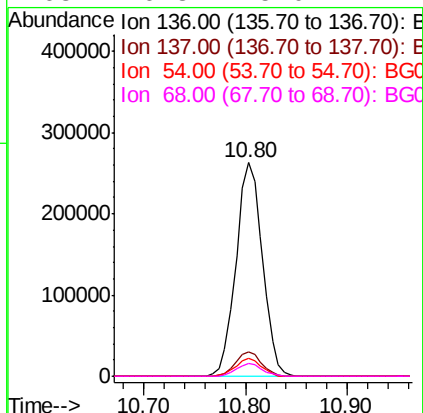
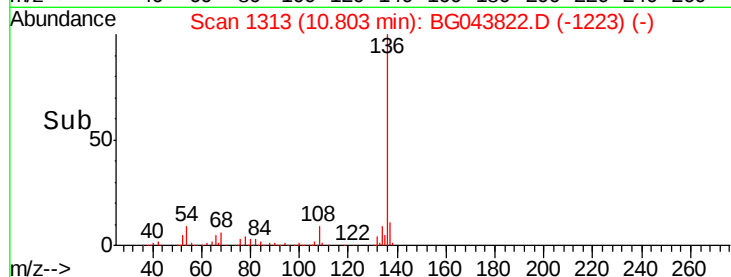
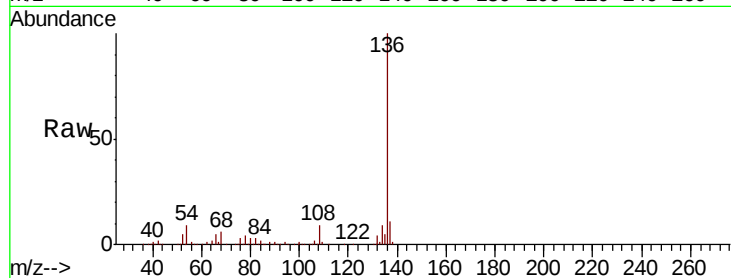




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

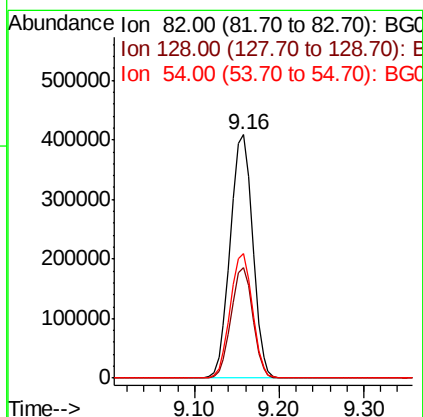
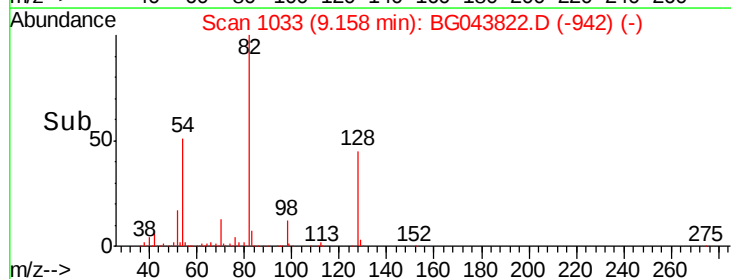
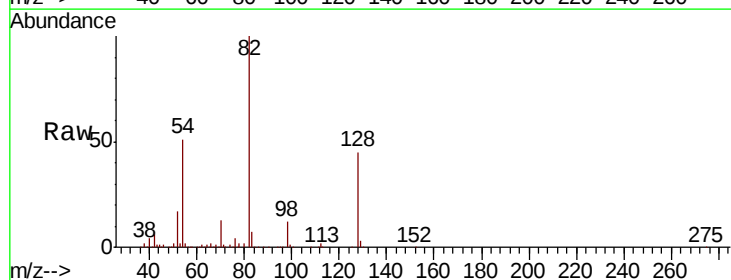
Instrument :
BNA_G
ClientSampleId :

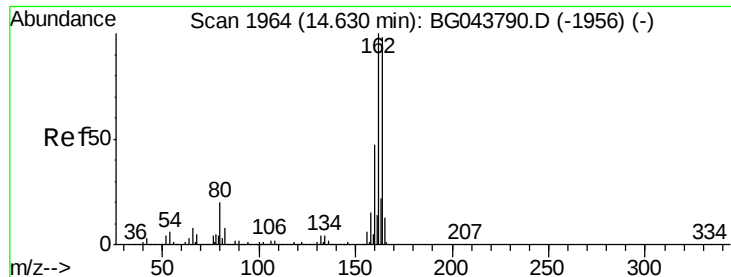
Tot Ion:136	Resp:	475154
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	8.7	6.8 10.2
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 88.133 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion: 82	Resp:	745841
Ion	Ratio	Lower Upper
82	100	
128	45.4	33.6 50.4
54	51.0	42.1 63.1

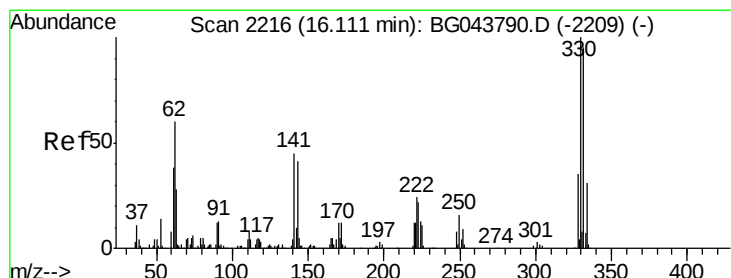
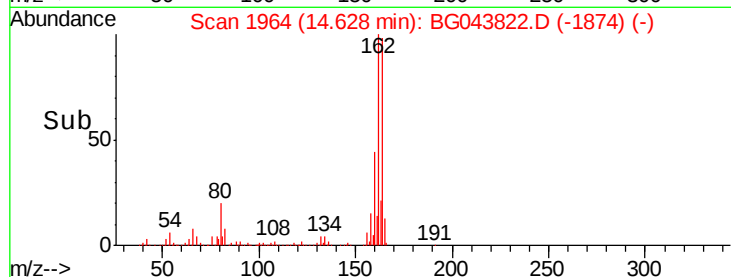
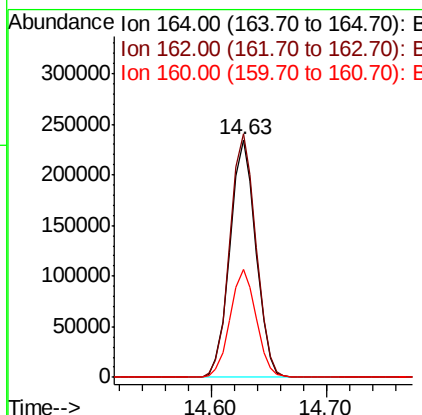
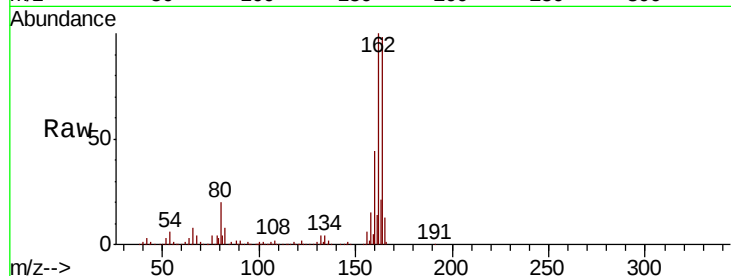




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

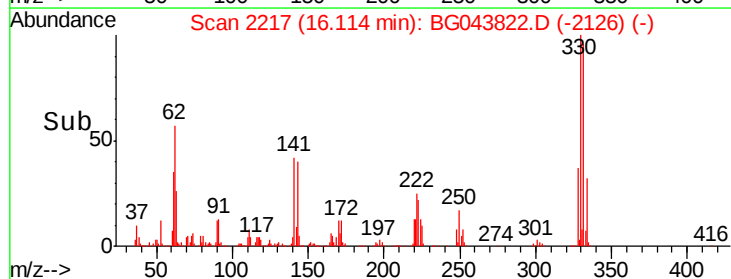
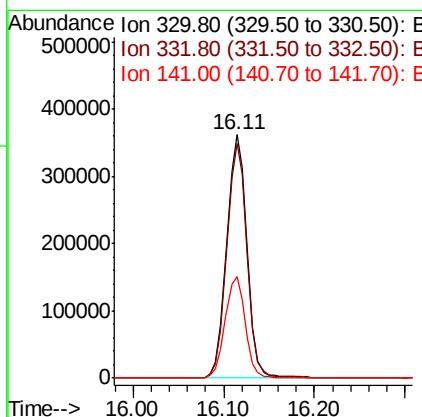
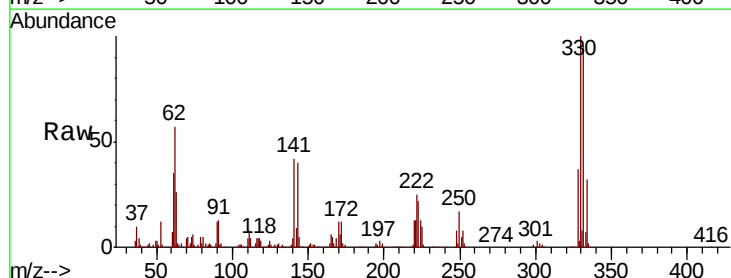
Instrument :
BNA_G
ClientSampleId :

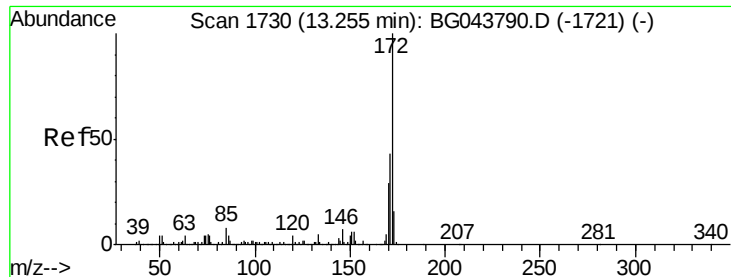
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.9	122.9
160	45.4	38.3	57.5



#42
2,4,6-Tribromophenol
Concen: 161.415 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	41.4	33.8	50.8

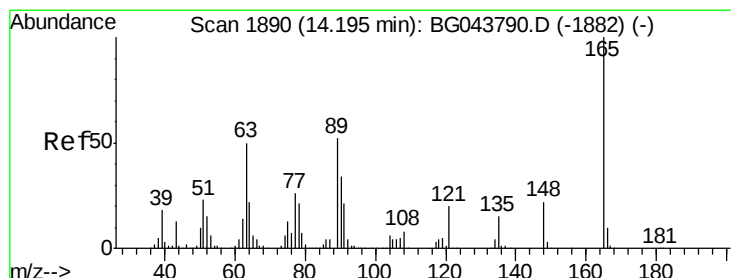
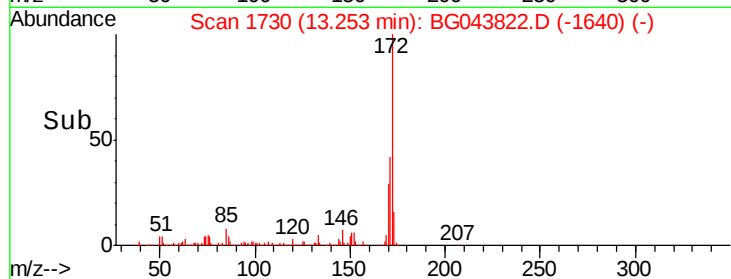
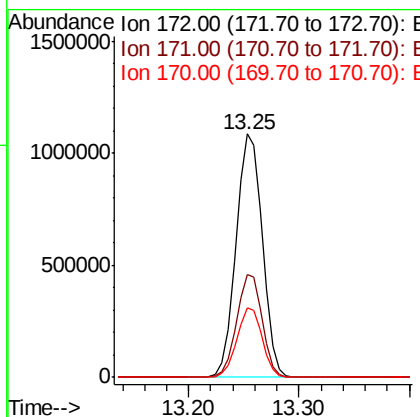
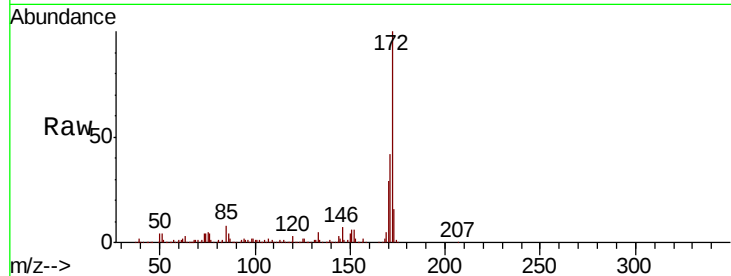




#45
2-Fluorobiphenyl
Concen: 87.456 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

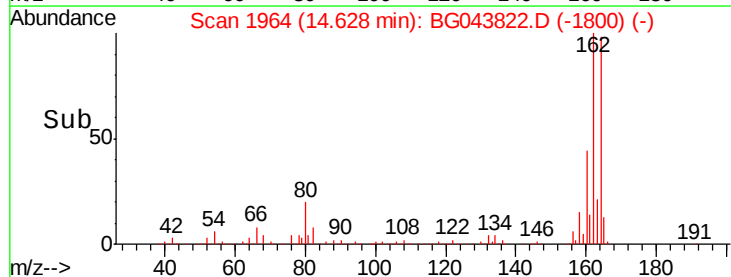
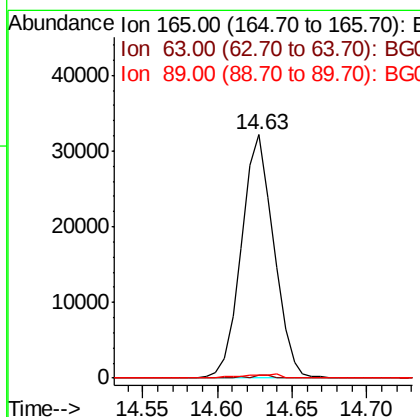
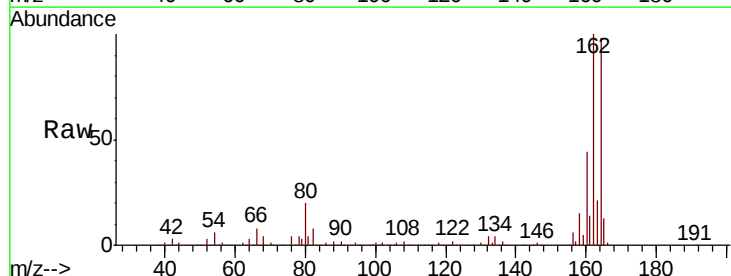
Instrument :
BNA_G
ClientSampled :

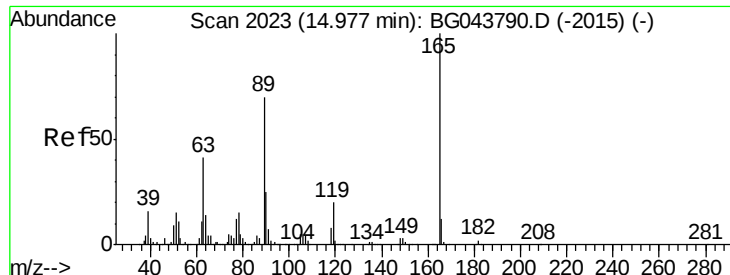
Tot Ion:172 Resp: 1817889
Ion Ratio Lower Upper
172 100
171 42.3 34.6 51.8
170 28.6 23.3 34.9



#51
2,6-Dinitrotoluene
Concen: 8.614 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion:165 Resp: 48378
Ion Ratio Lower Upper
165 100
63 1.0 40.3 60.5#
89 1.0 41.8 62.8#

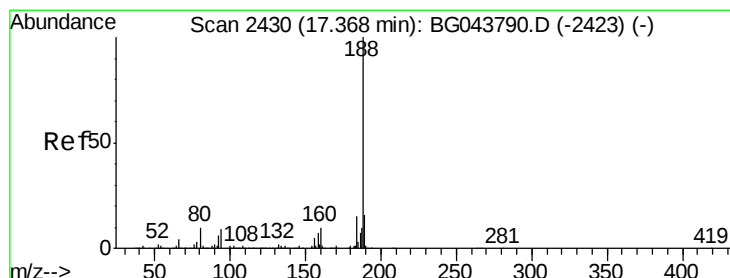
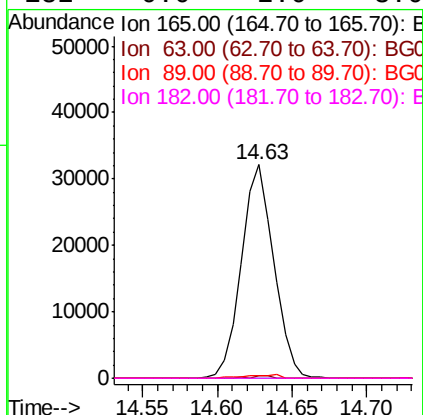
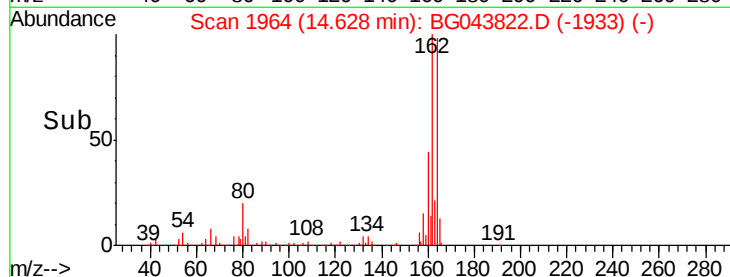
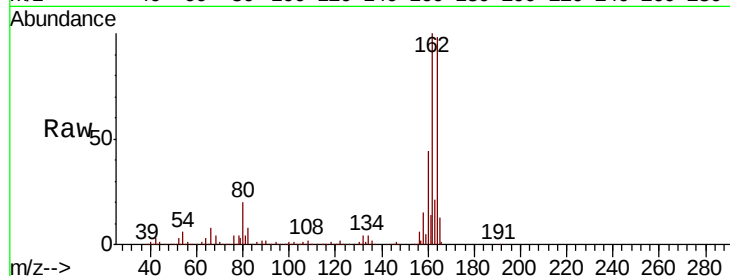




#57
 2,4-Dinitrotoluene
 Concen: 6.375 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.35 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

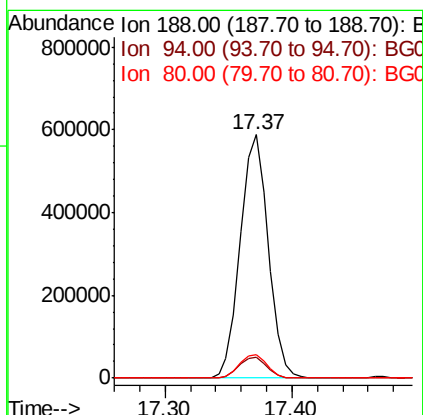
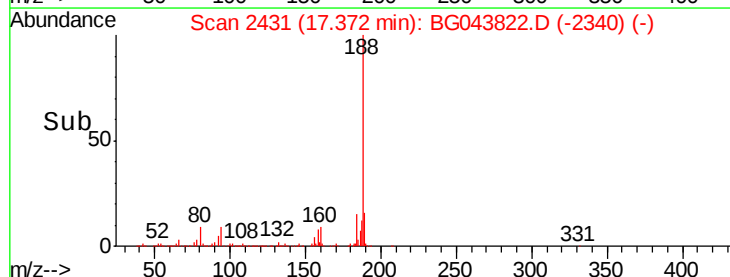
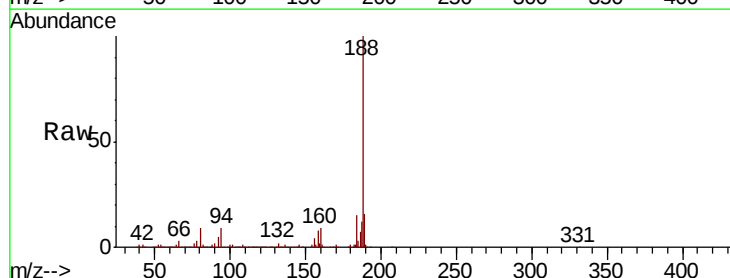
Instrument :
 BNA_G
 ClientSampleId :

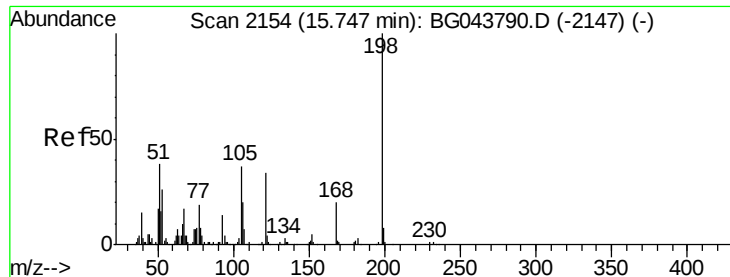
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.7	49.1#
89	1.0	56.1	84.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.4	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 10.002 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.37 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Instrument :

BNA_G

ClientSampleId :

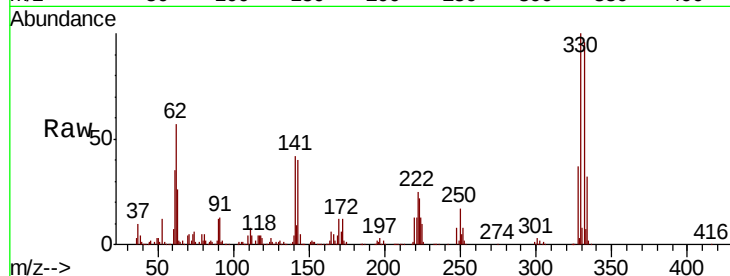
Tot Ion:198 Resp: 2167

Ion Ratio Lower Upper

198 100

51 120.7 18.9 58.9#

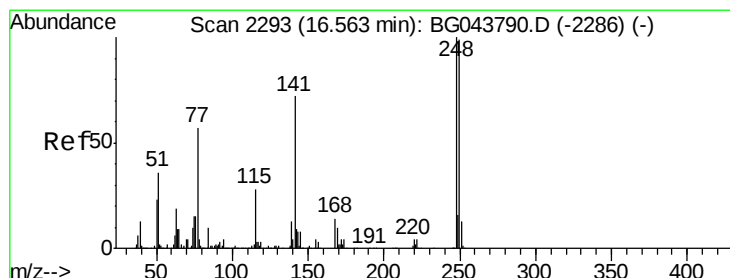
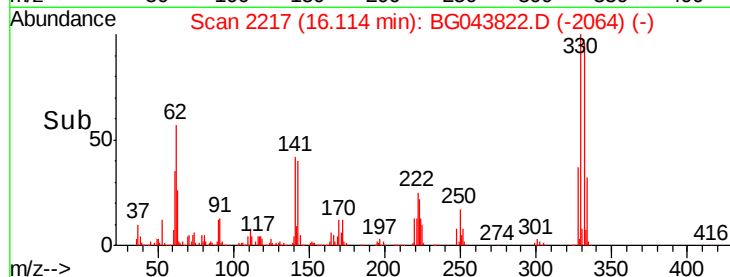
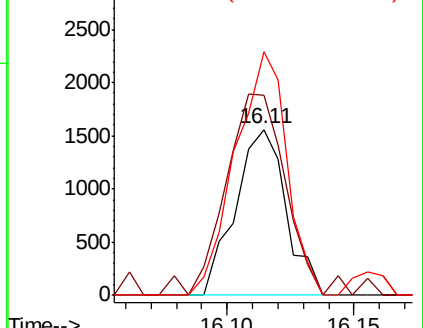
105 147.1 18.1 58.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.694 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.45 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

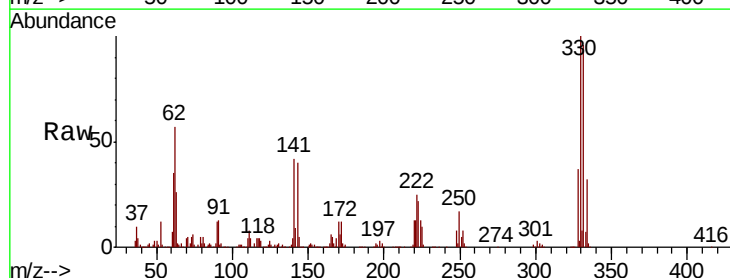
Tgt Ion:248 Resp: 45138

Ion Ratio Lower Upper

248 100

250 212.1 79.0 118.6#

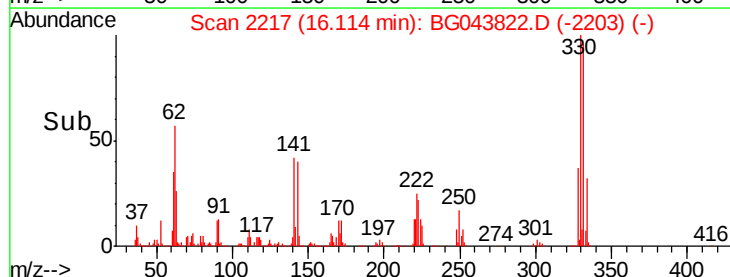
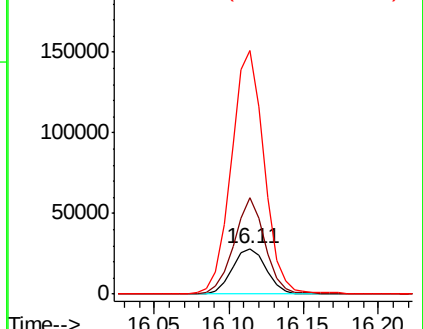
141 532.5 57.8 86.6#

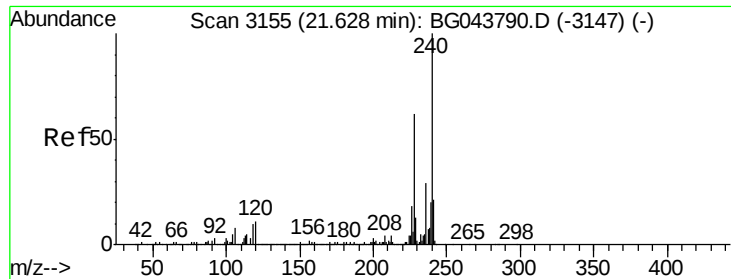


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

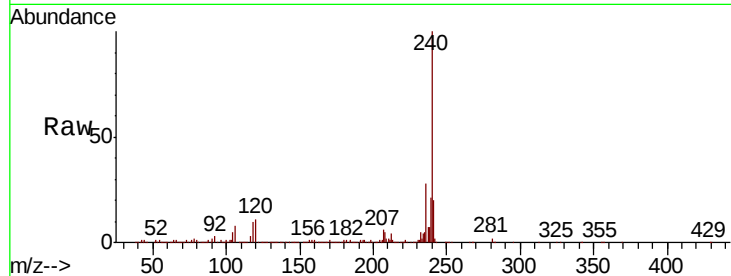




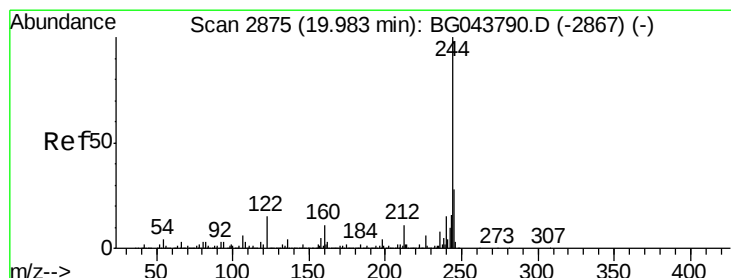
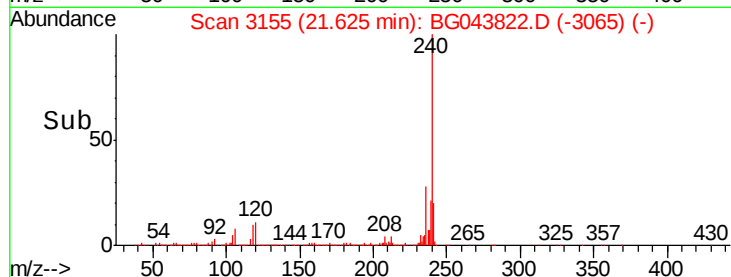
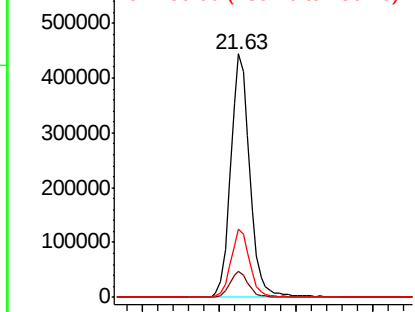
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	27.9	23.1	34.7

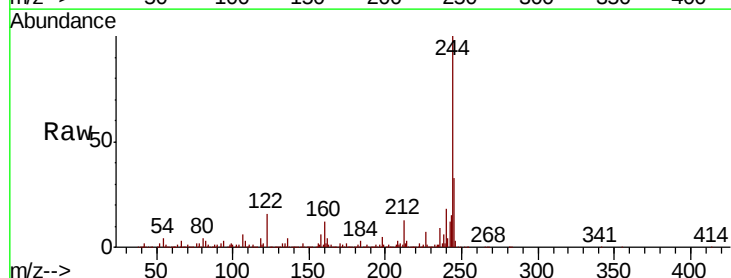


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

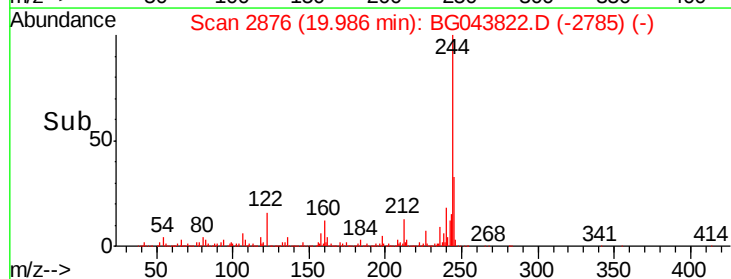
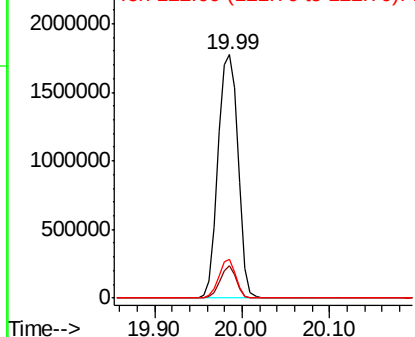


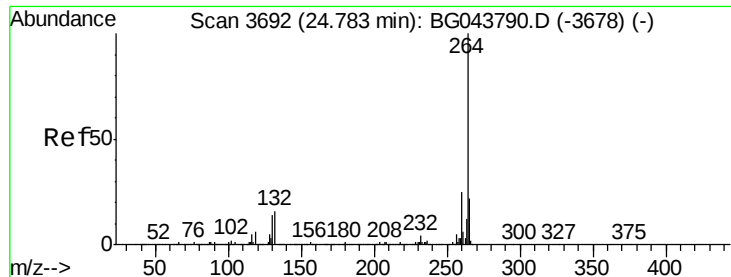
#79
Terphenyl-d14
Concen: 88.645 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.3	9.1	13.7
122	15.9	11.6	17.4



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: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.8
265	22.1	17.9	26.9

