

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044460.D
 Acq On : 17 Feb 2020 23:34
 Operator : CG/JU
 Sample : L1544-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:08:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

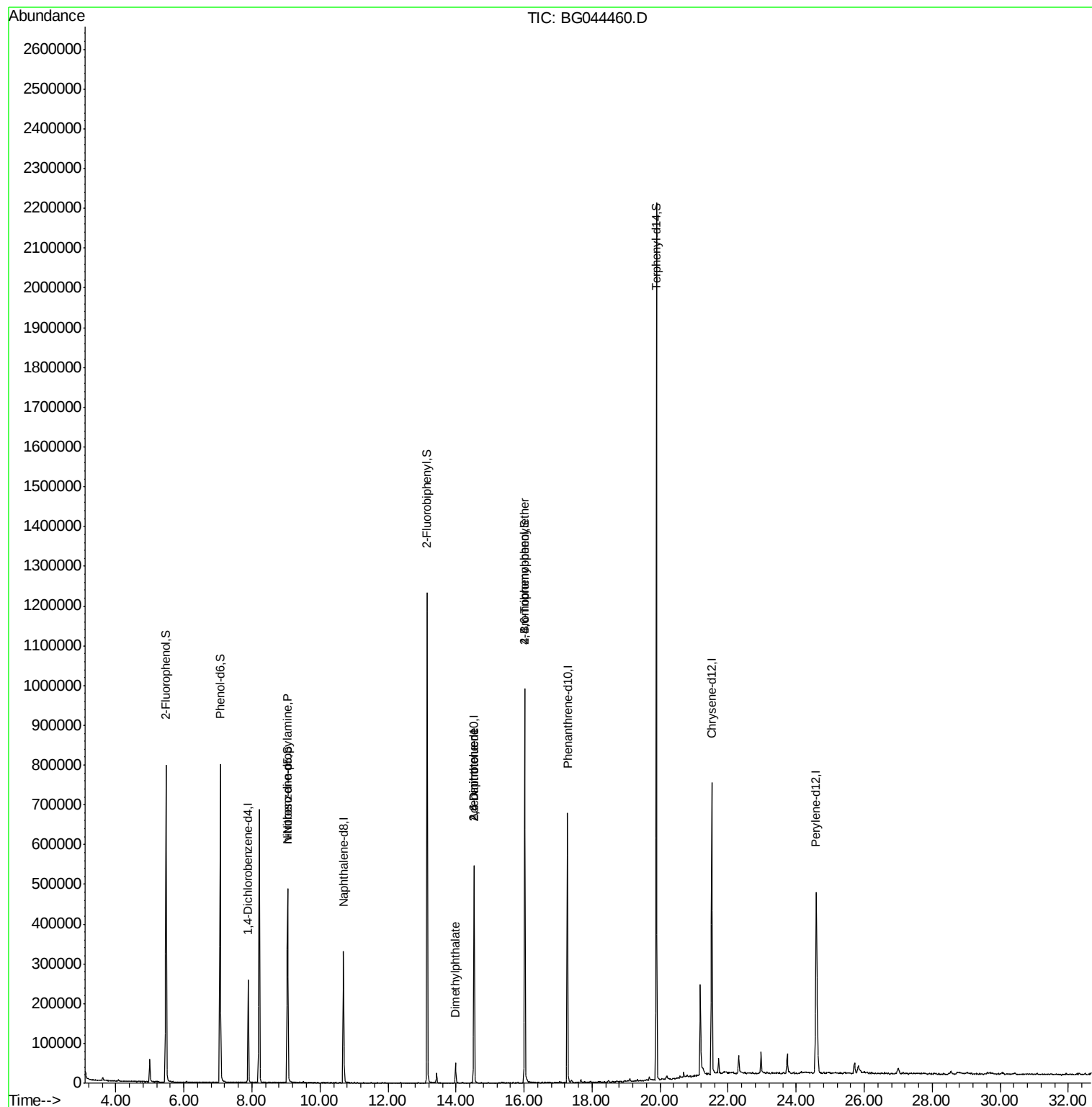
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	79507	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	312580	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198321	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	432583	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	432355	20.00	ng	-0.02
87) Perylene-d12	24.59	264	464423	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	414599	92.03	ng	-0.01
7) Phenol-d6	7.07	99	540379	89.32	ng	-0.01
23) Nitrobenzene-d5	9.05	82	321846	58.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	207529	89.14	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	699332	59.05	ng	-0.02
79) Terphenyl-d14	19.89	244	1084219	51.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	41129	10.201	ng	# 76
50) Dimethylphthalate	13.98	163	41303	2.897	ng	# 99
51) 2,6-Dinitrotoluene	14.53	165	25372	7.982	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	25372	5.695	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	14213	3.016	ng	# 1

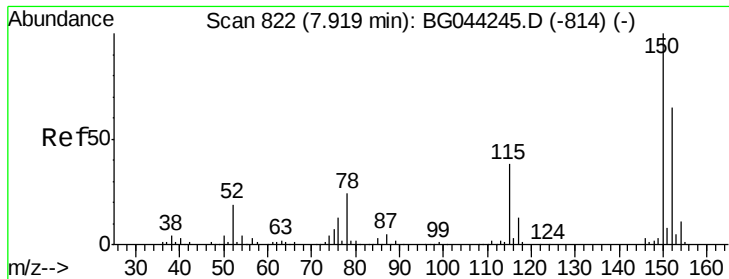
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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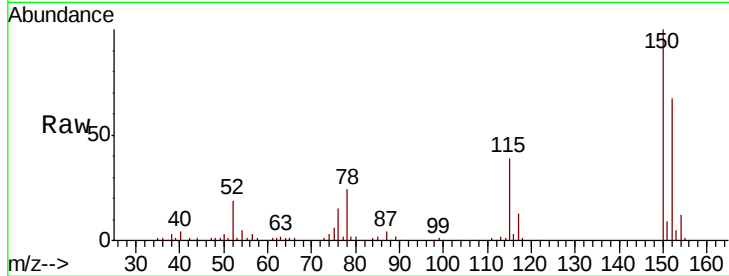


#1

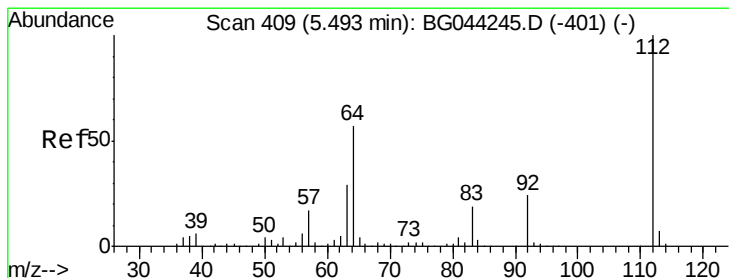
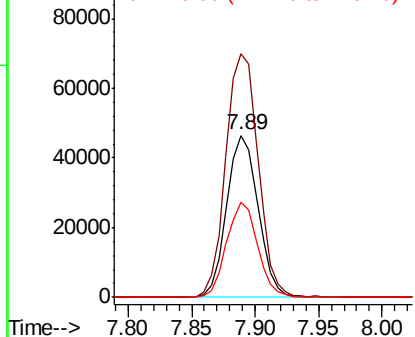
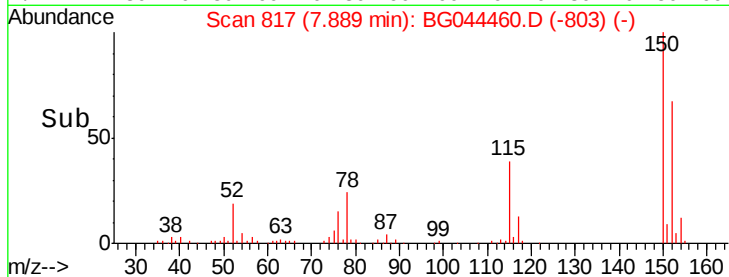
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.6	183.8
115	58.4	46.0	69.0



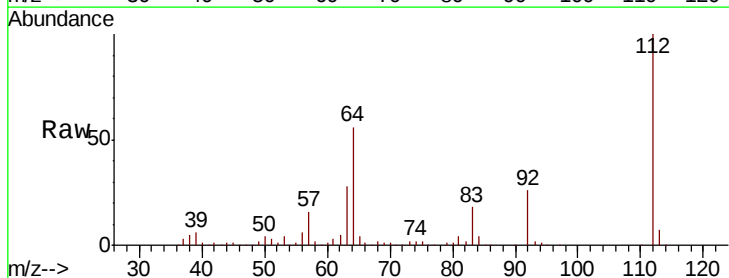
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



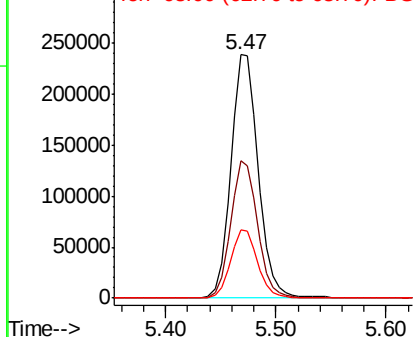
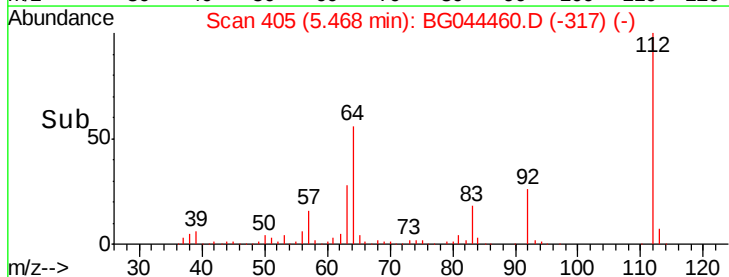
#5

2-Fluorophenol
 Concen: 92.030 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.4	68.2
63	28.2	22.9	34.3



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: 89.325 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

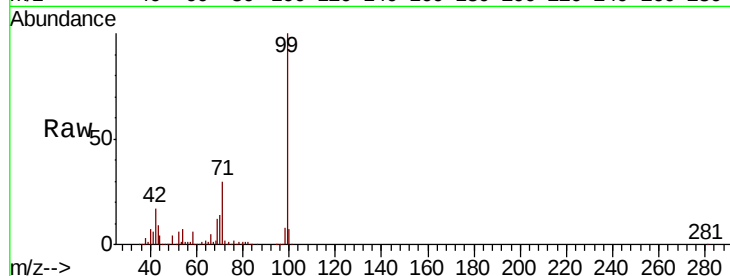
Tot Ion: 99 Resp: 540379

Ion Ratio Lower Upper

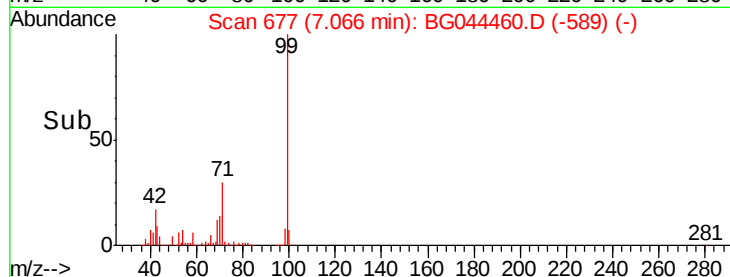
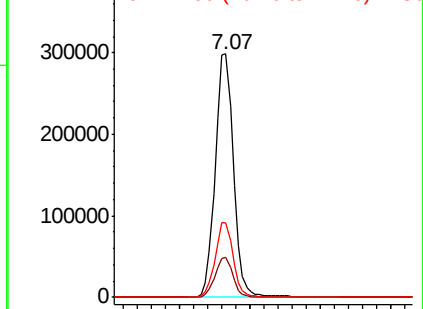
99 100

42 16.5 13.8 20.6

71 30.5 25.5 38.3



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: 10.201 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.34 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Tgt Ion: 70 Resp: 41129

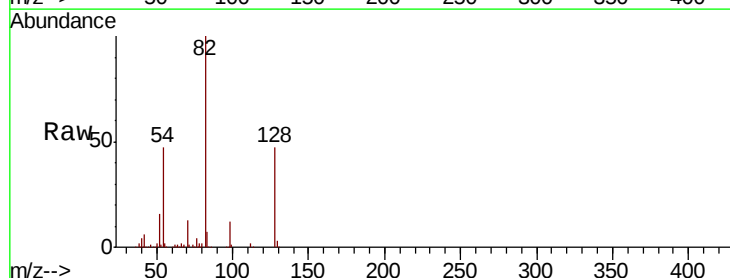
Ion Ratio Lower Upper

70 100

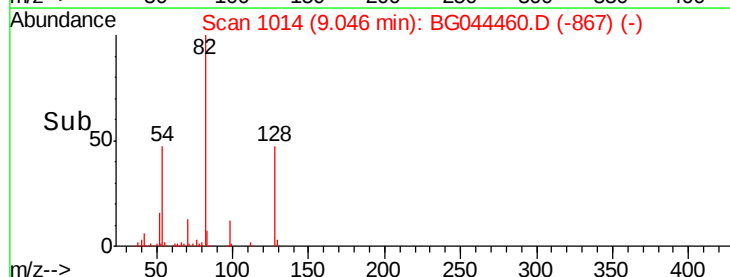
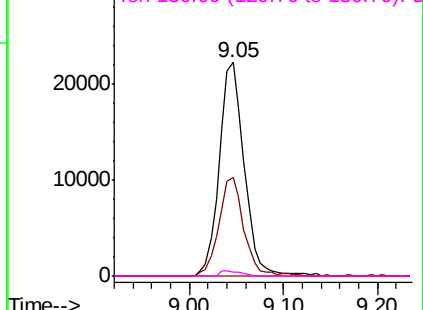
42 45.9 46.2 69.2#

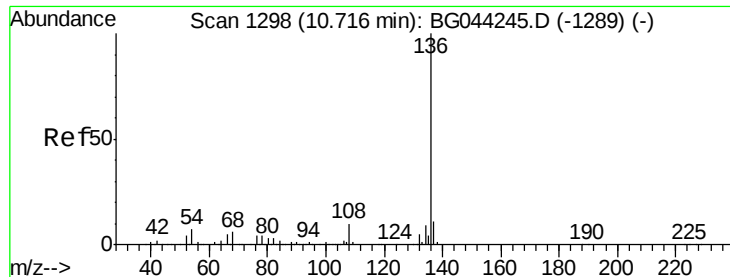
101 0.0 8.4 12.6#

130 2.0 17.8 26.8#



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

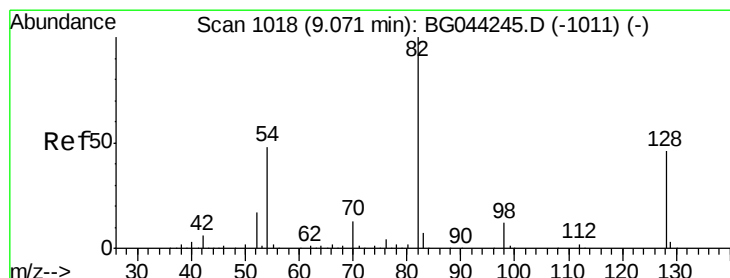
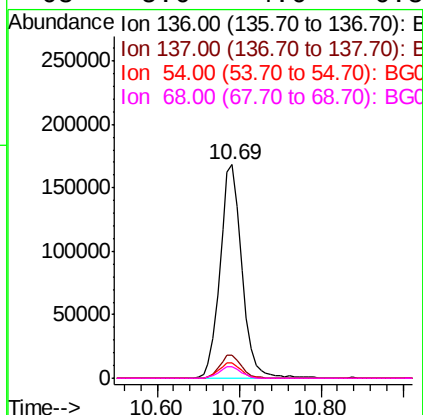
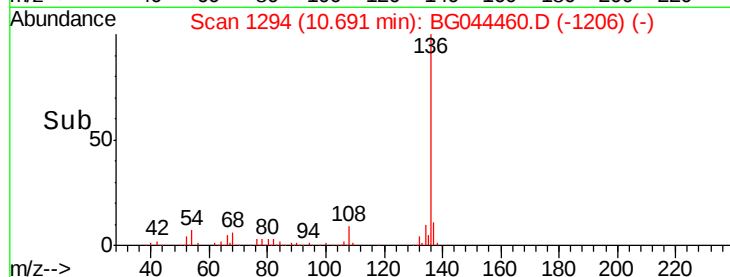
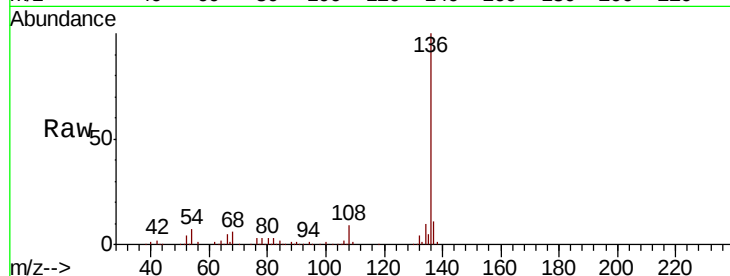




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

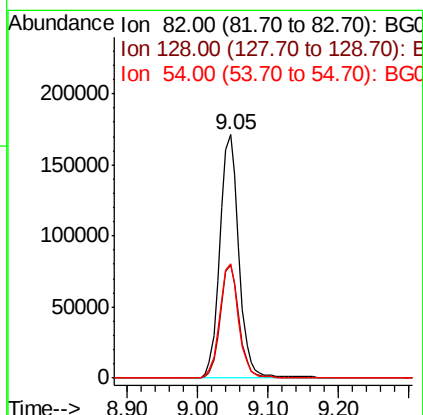
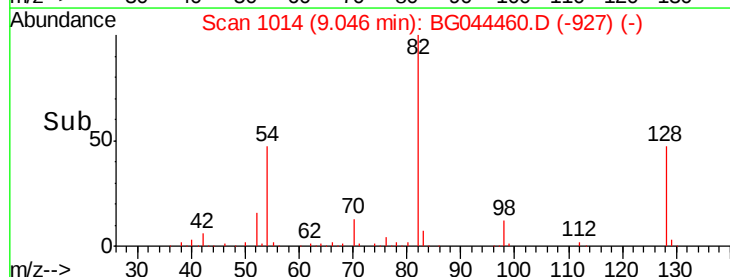
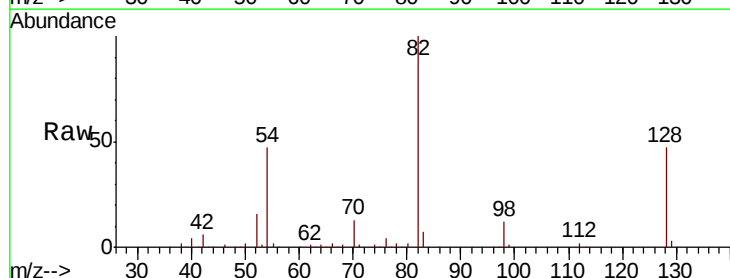
Instrument :
BNA_G
ClientSampleId :

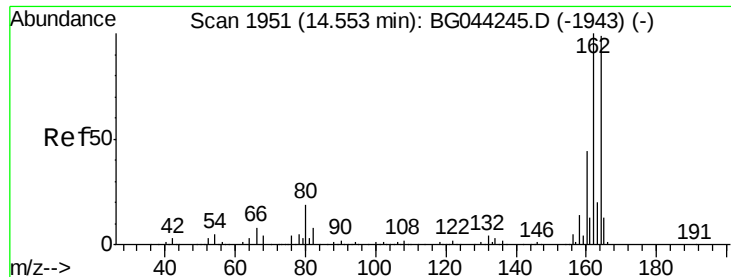
Tot Ion:136	Resp:	312580	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.2	5.8	8.8	
68 5.6	4.6	6.8	



#23
Nitrobenzene-d5
Concen: 58.130 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

Tgt	Ion: 82	Resp:	321846
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	47.0	38.6	58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

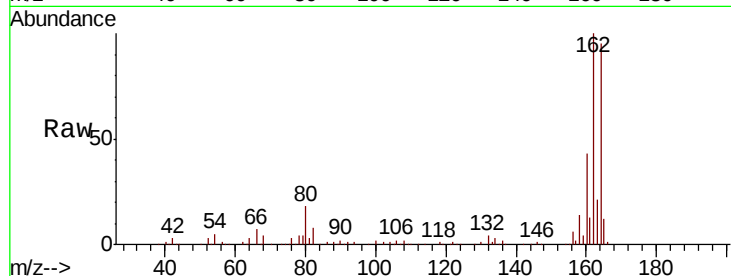
Tot Ion:164 Resp: 198321

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

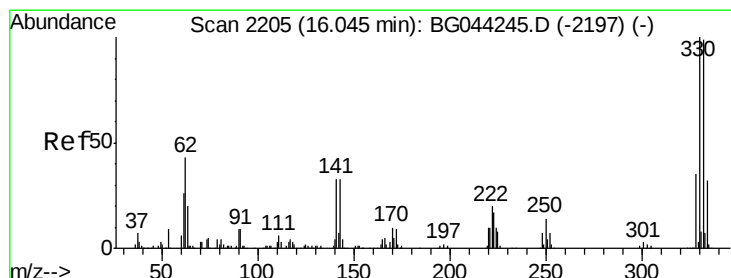
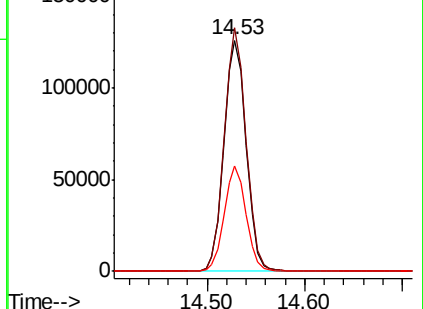
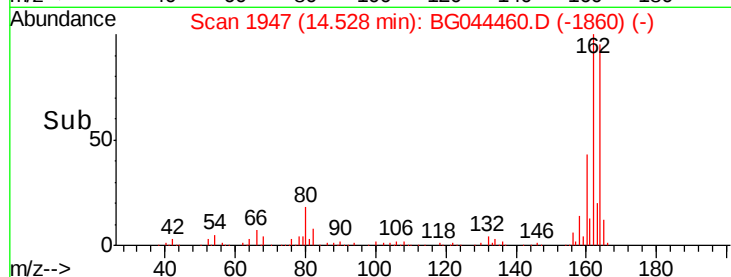
160 45.3 35.3 52.9



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: 89.138 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

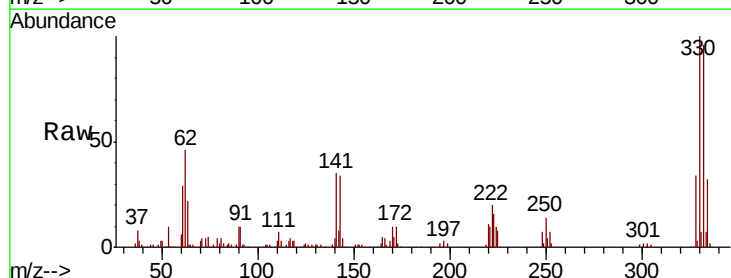
Tgt Ion:330 Resp: 207529

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

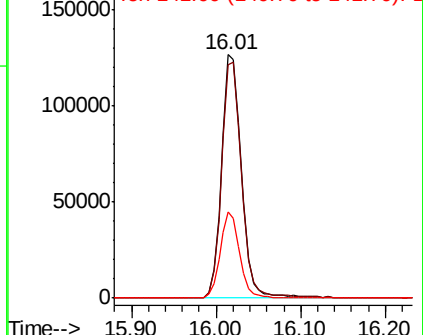
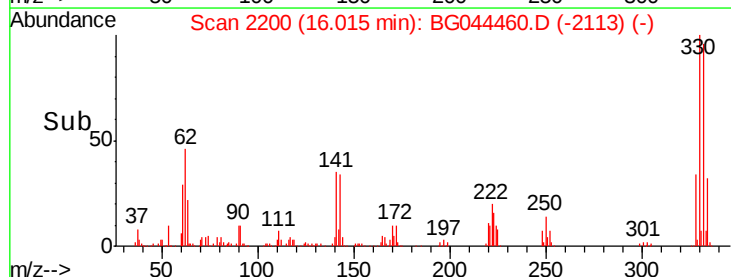
141 34.4 28.3 42.5

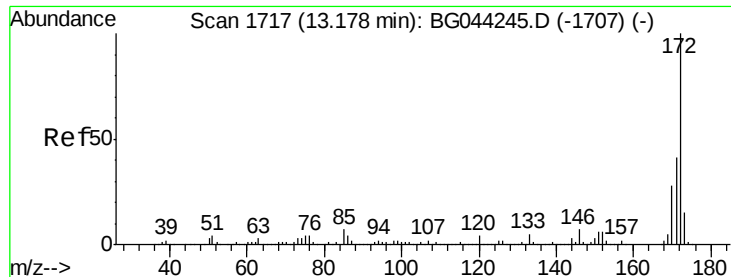


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

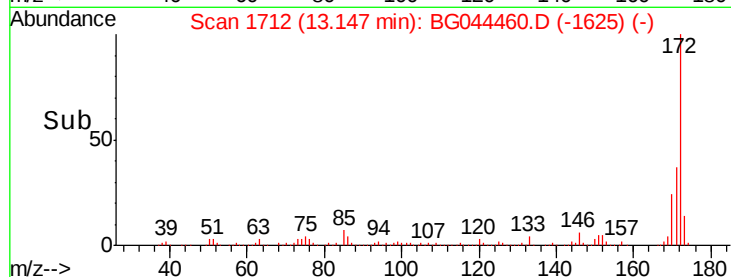
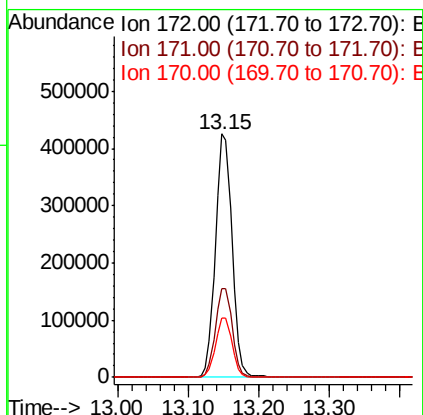
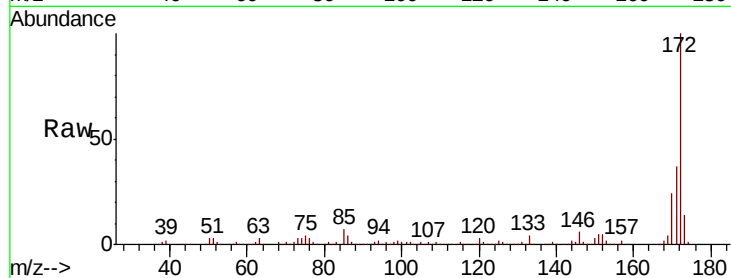




#45
2-Fluorobiphenyl
Concen: 59.049 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

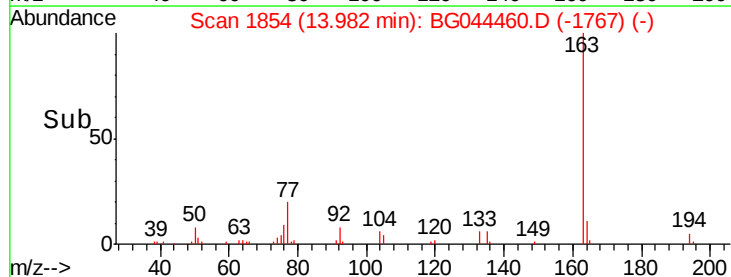
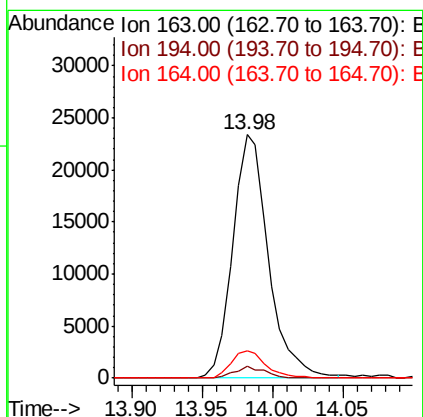
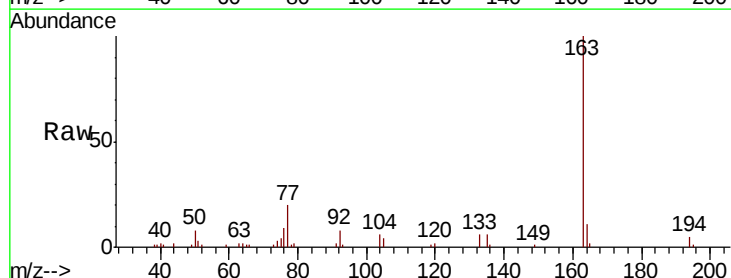
Instrument :
BNA_G
ClientSampleId :

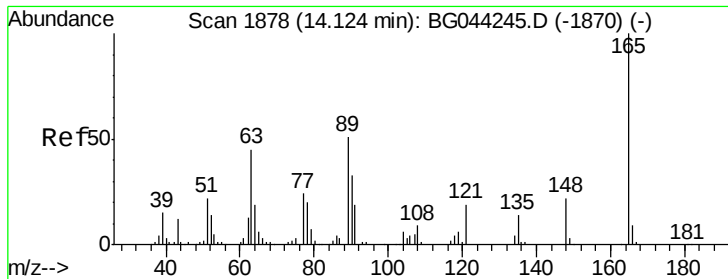
Tot Ion:172 Resp: 699332
Ion Ratio Lower Upper
172 100
171 36.6 32.9 49.3
170 24.4 22.0 33.0



#50
Dimethylphthalate
Concen: 2.897 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

Tgt Ion:163 Resp: 41303
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 11.1 8.7 13.1

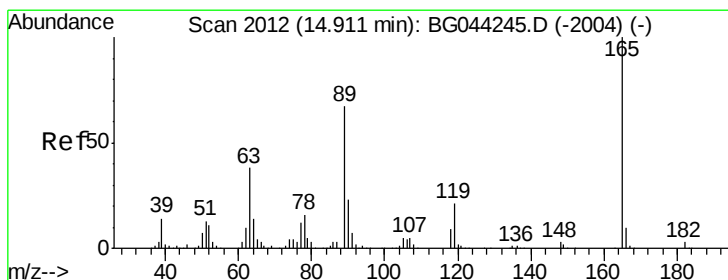
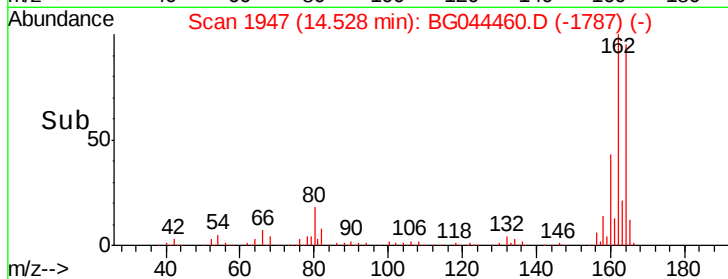
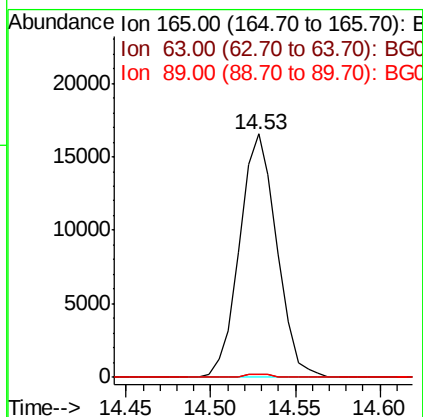
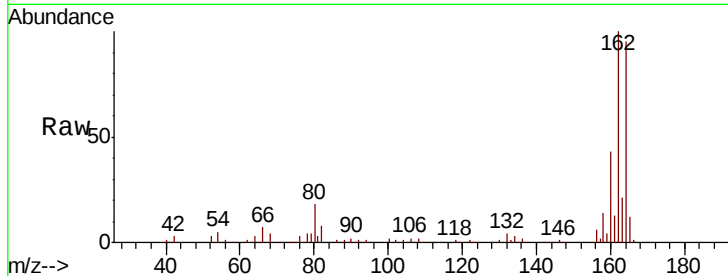




#51
 2,6-Dinitrotoluene
 Concen: 7.982 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

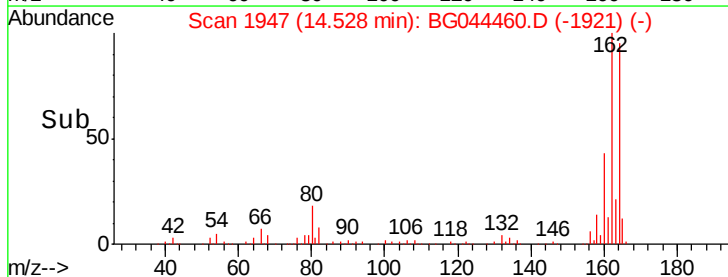
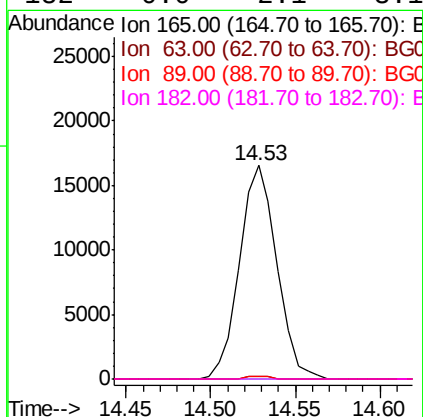
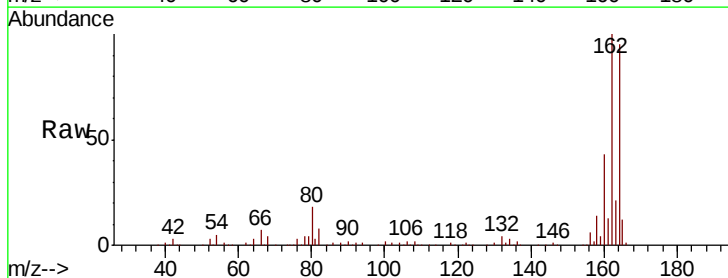
Instrument :
 BNA_G
 ClientSampleId :

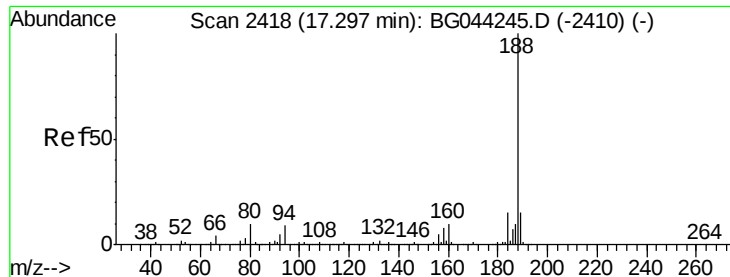
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.1	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.695 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.3	45.5#
89	1.1	53.4	80.2#
182	0.0	2.1	3.1#

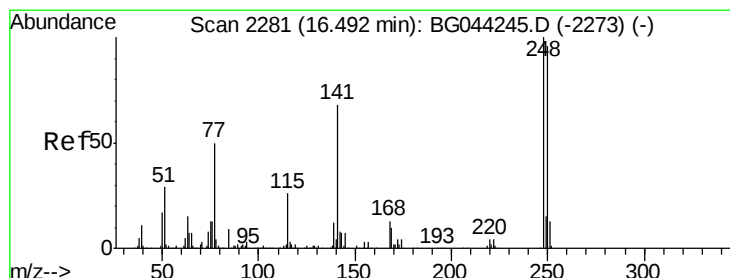
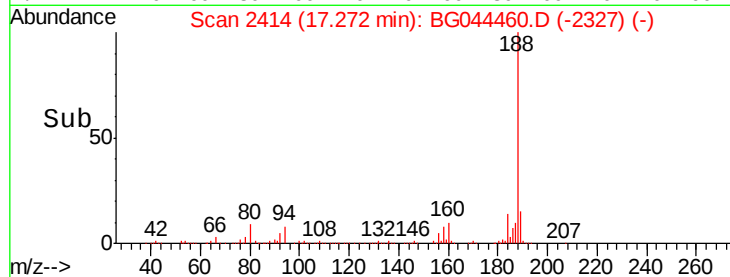
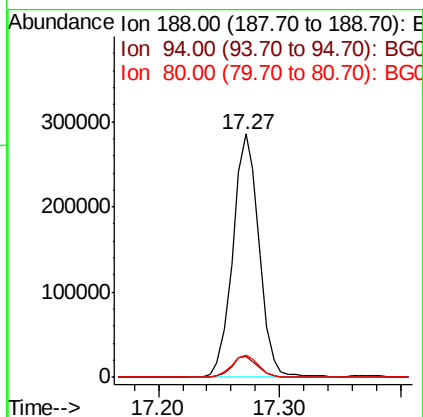
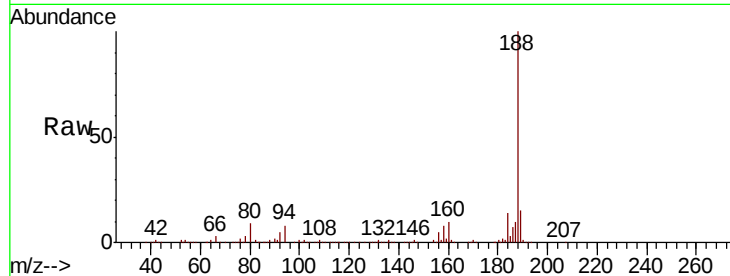




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

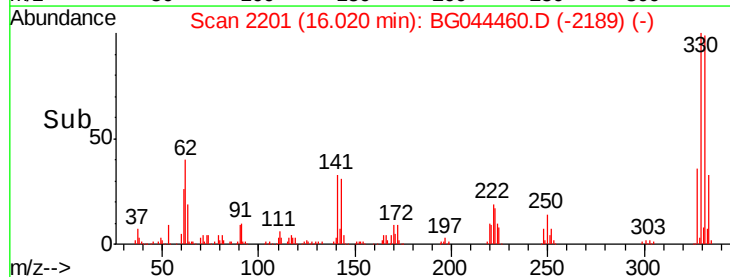
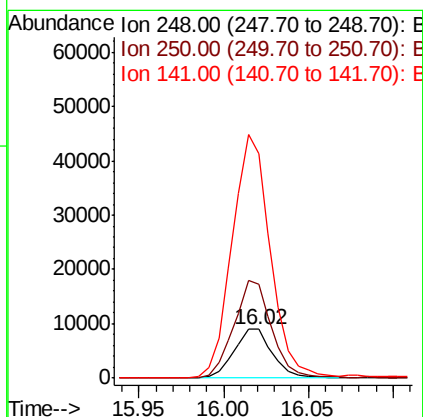
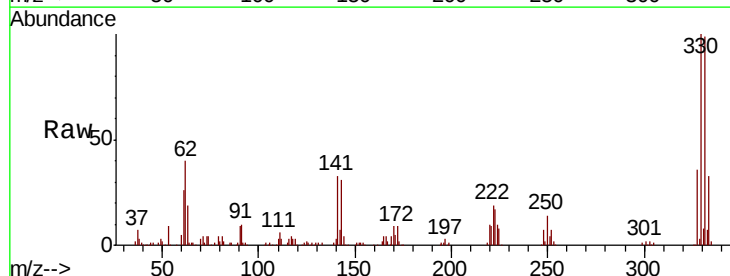
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 432583
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.3 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.46 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

Tgt Ion:248 Resp: 14213
Ion Ratio Lower Upper
248 100
250 191.7 76.6 114.8#
141 458.4 54.7 82.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

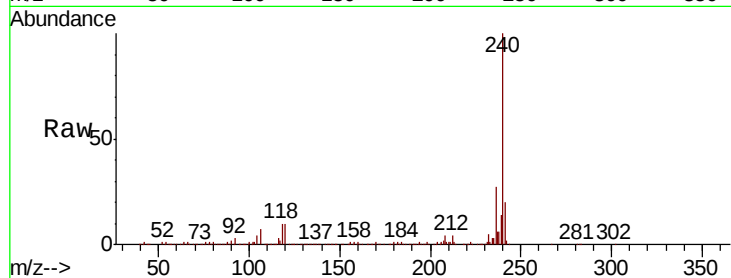
Tot Ion:240 Resp: 432355

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

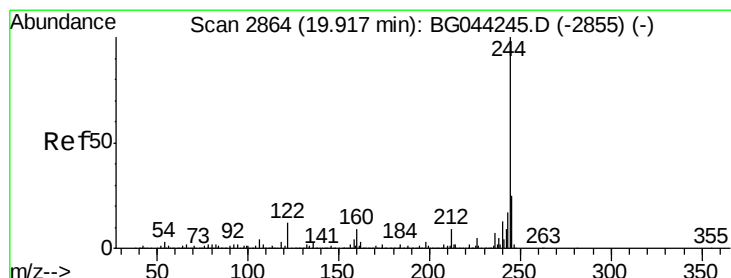
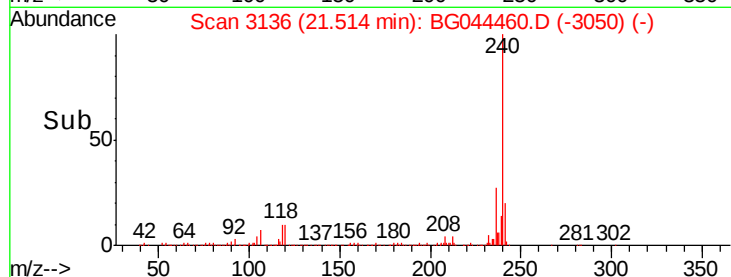
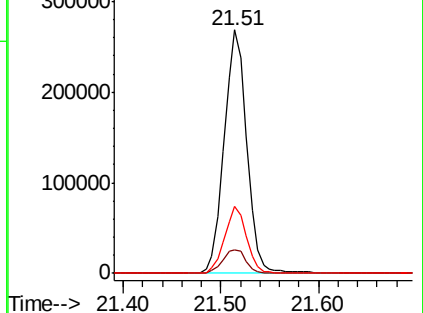
236 27.3 22.1 33.1



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: 51.580 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

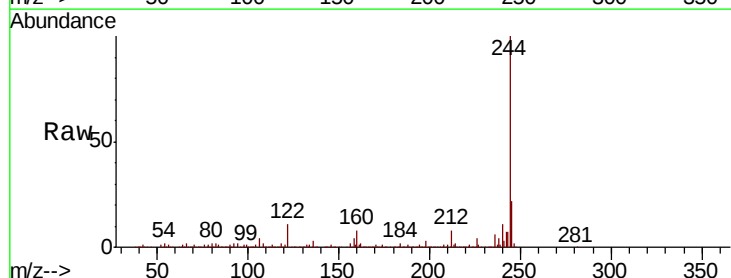
Tgt Ion:244 Resp: 1084219

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.2

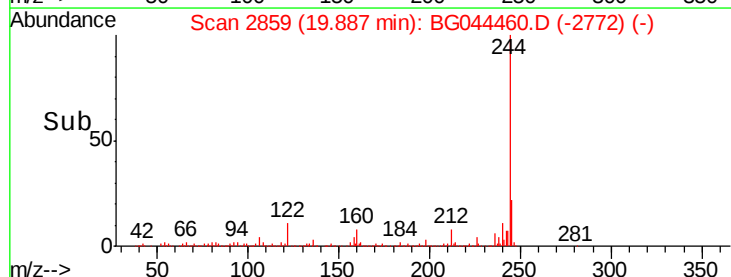
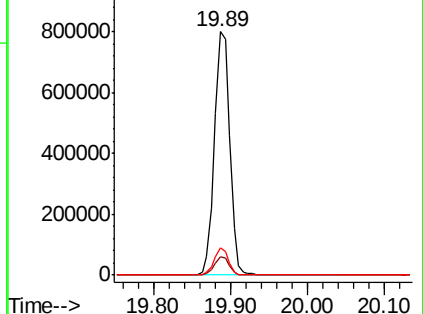
122 11.0 9.8 14.6

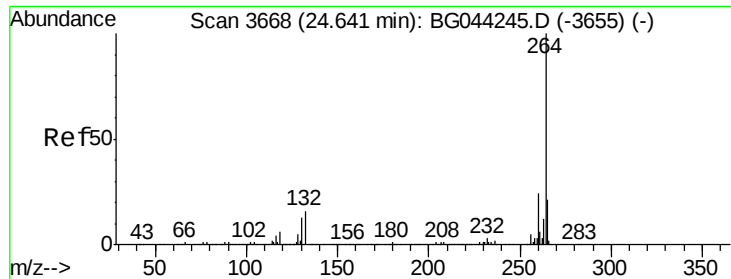


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.59 min Scan# 3659
Delta R.T. -0.03 min
Lab File: BG044460.D
Acq: 17 Feb 2020 23:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 464423

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	16.7	25.1

