

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044037.D
 Acq On : 14 Jan 2020 15:28
 Operator : JU
 Sample : L111-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 20:33:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

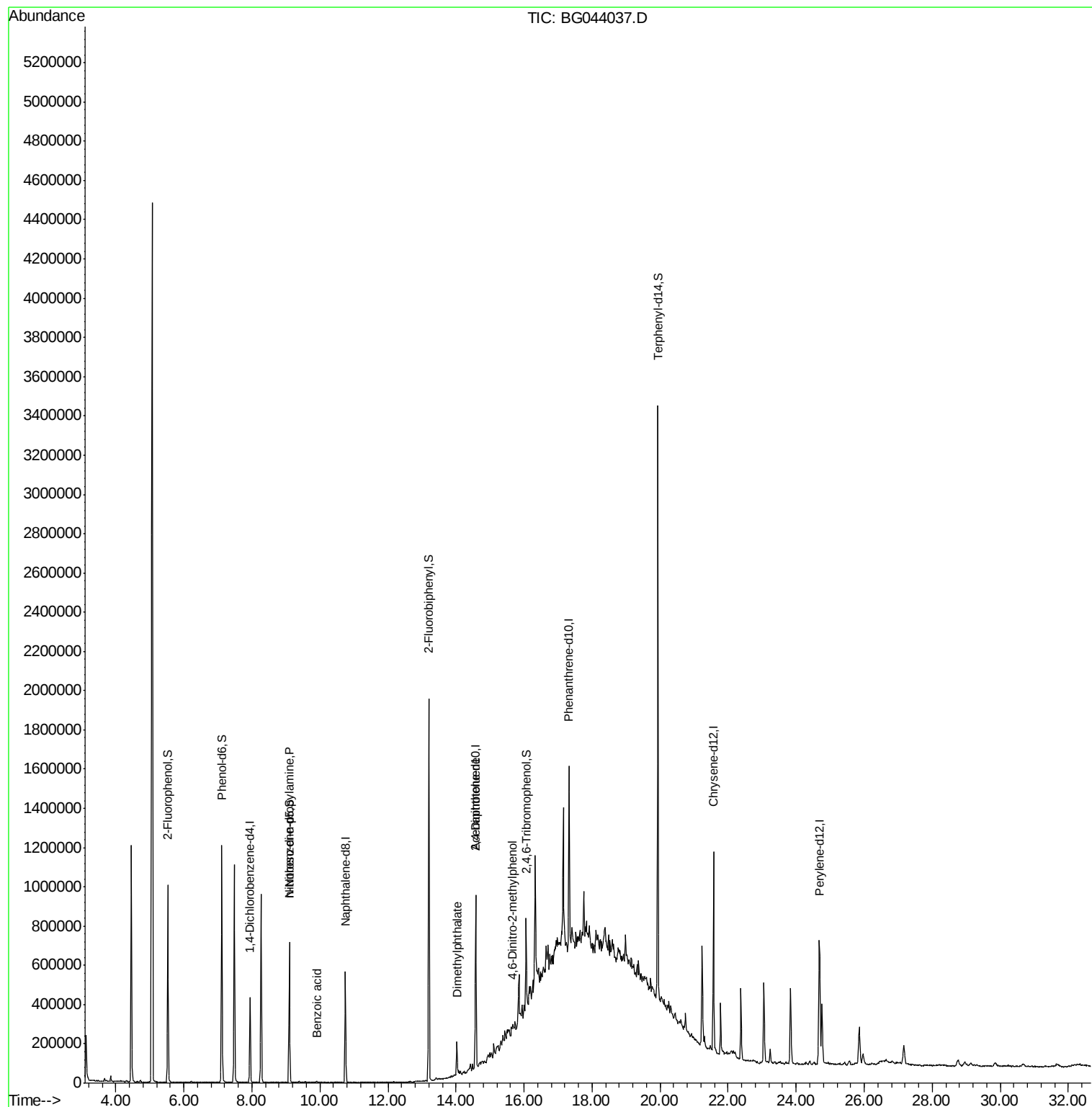
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	127703	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	516655	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	307492	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	589857	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	552488	20.00	ng	-0.02
87) Perylene-d12	24.69	264	631314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	469217	67.46	ng	0.00
7) Phenol-d6	7.11	99	768638	79.06	ng	0.00
23) Nitrobenzene-d5	9.10	82	458220	47.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	76618	23.81	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1014594	59.78	ng	-0.02
79) Terphenyl-d14	19.93	244	1342344	51.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.09	70	57871	7.993	ng	# 76
32) Benzoic acid	9.93	122	83	6.275	ng	# 1
50) Dimethylphthalate	14.03	163	124540	5.704	ng	98
57) 2,4-Dinitrotoluene	14.58	165	42063	6.264	ng	# 27
65) 4,6-Dinitro-2-methylphenol	15.66	198	253	4.465	ng	# 1

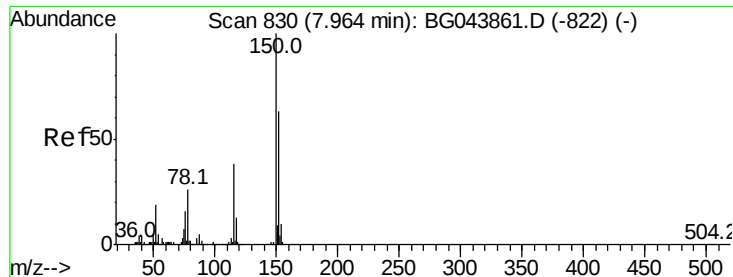
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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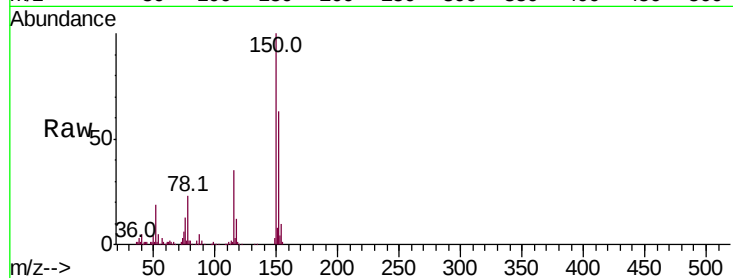


#1

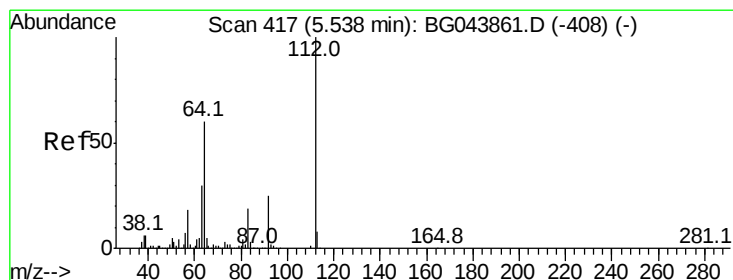
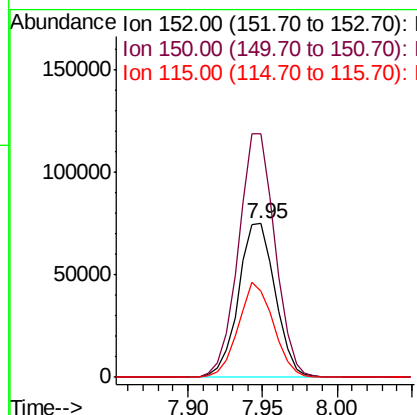
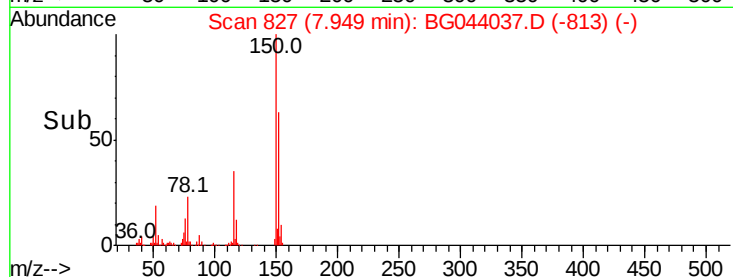
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 127703
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.4
115 56.1 47.8 71.8



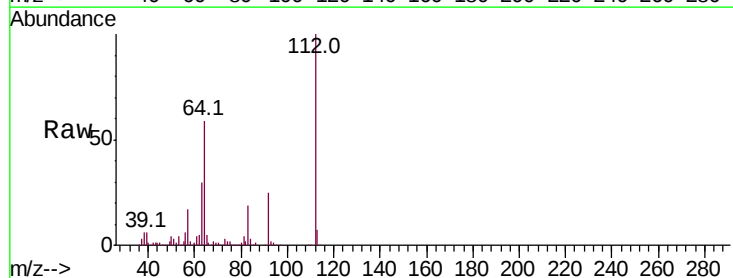
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



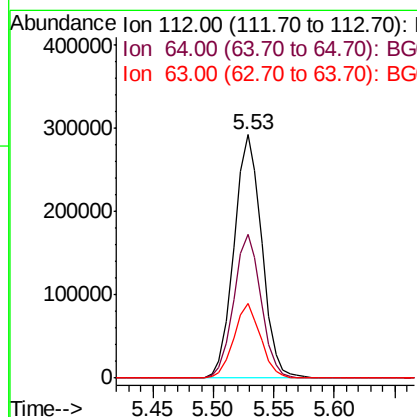
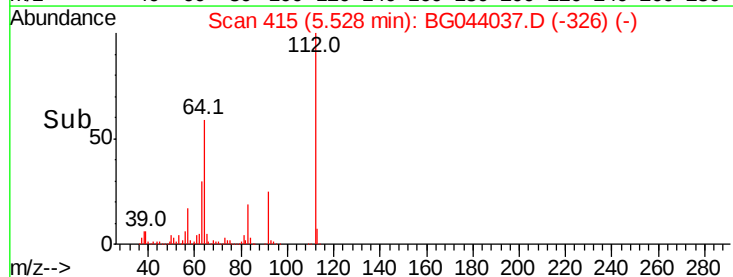
#5

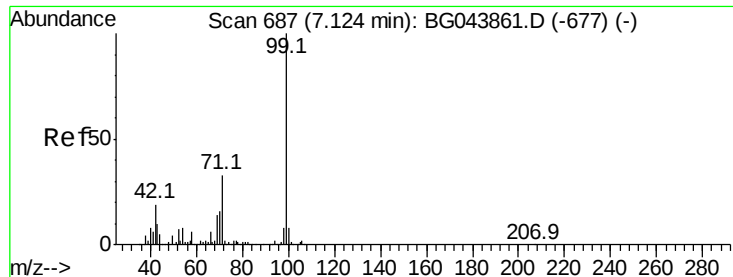
2-Fluorophenol
Concen: 67.464 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion:112 Resp: 469217
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 30.4 24.3 36.5



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: 79.063 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

BNA_G

ClientSampled :

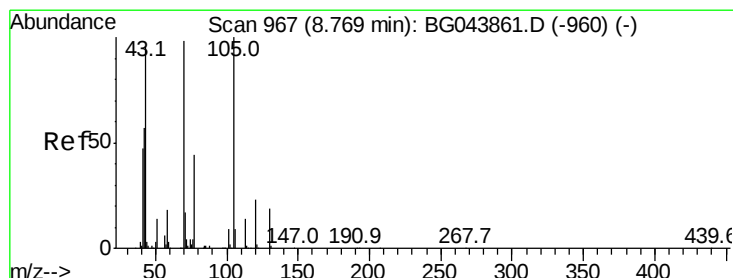
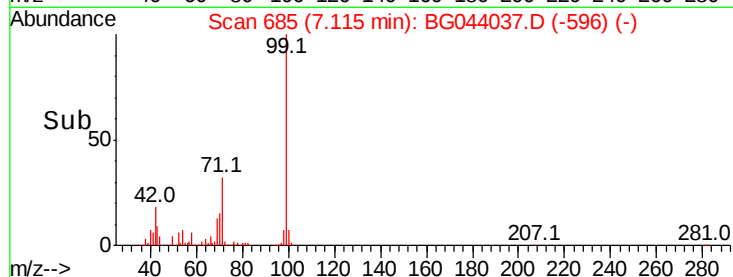
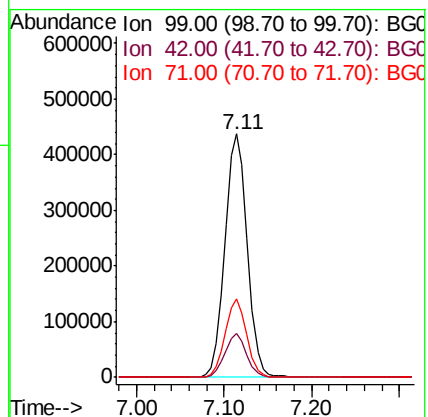
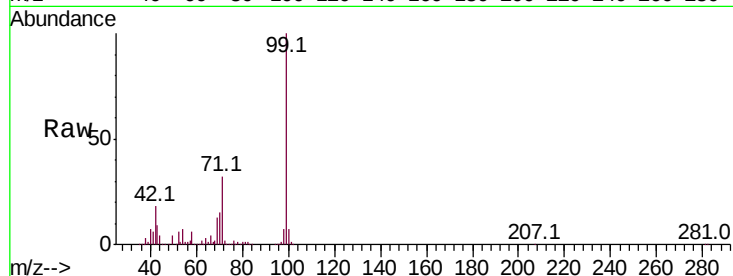
Tot Ion: 99 Resp: 768638

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.993 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.33 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Tgt Ion: 70 Resp: 57871

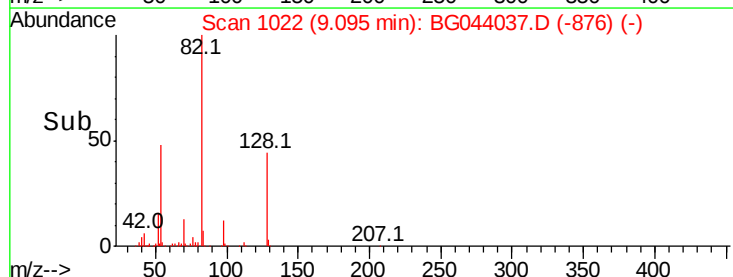
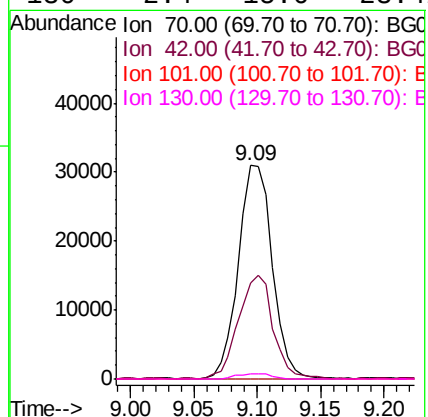
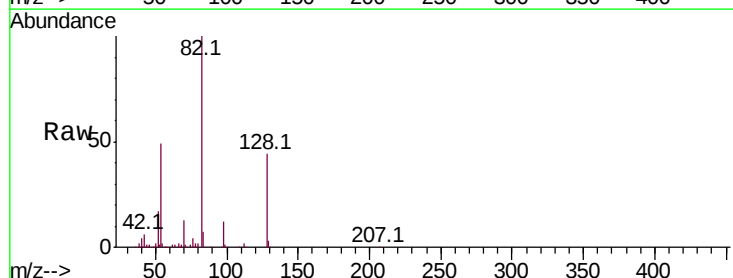
Ion Ratio Lower Upper

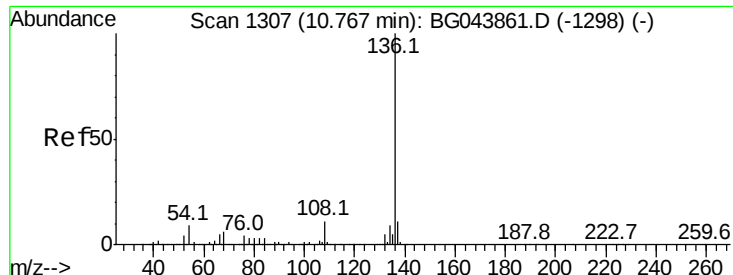
70 100

42 44.7 47.0 70.4#

101 0.0 7.2 10.8#

130 2.4 15.6 23.4#

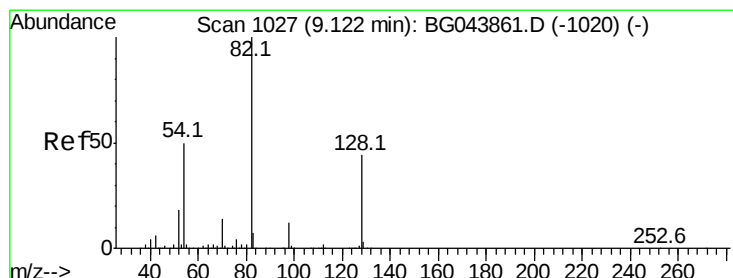
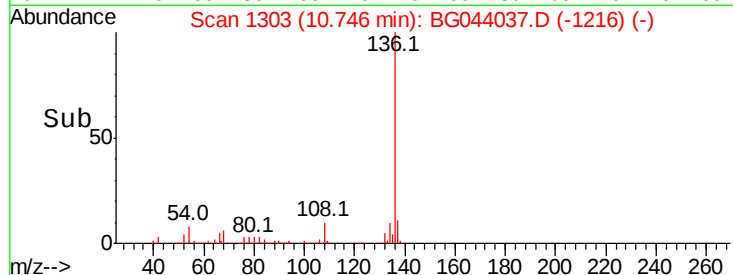
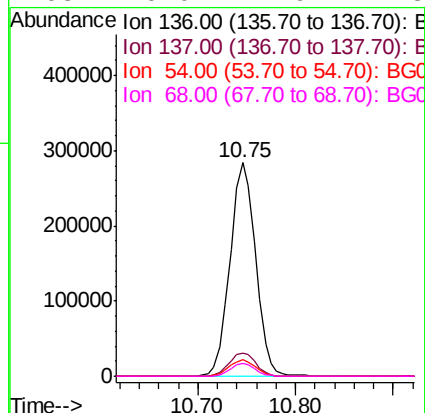
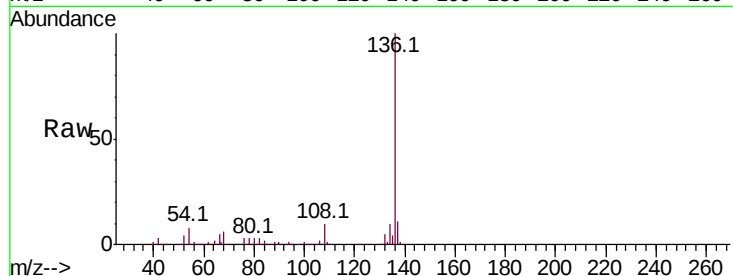




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

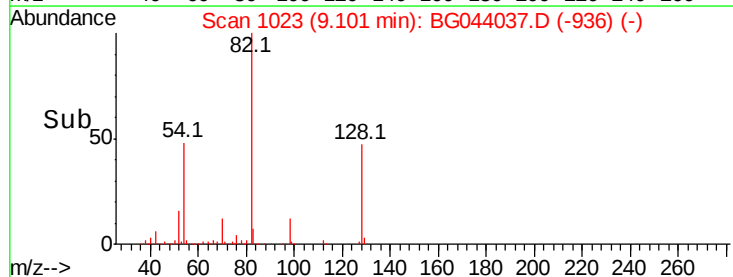
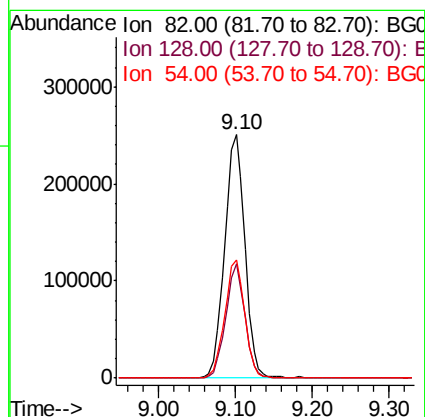
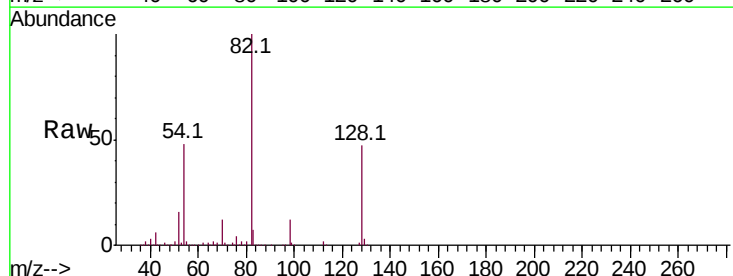
Instrument :
BNA_G
ClientSampleId :

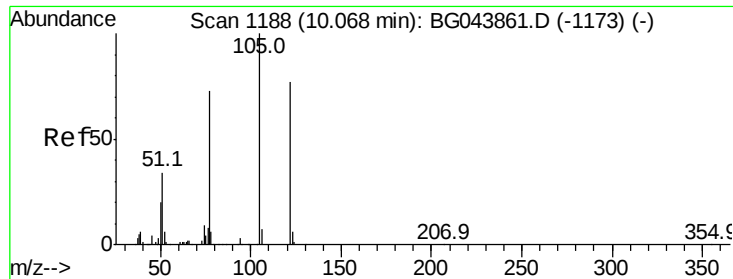
Tot Ion:	136	Resp:	516655
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	7.0	10.4
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 47.445 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion:	82	Resp:	458220
Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.1	52.7
54	48.4	40.1	60.1

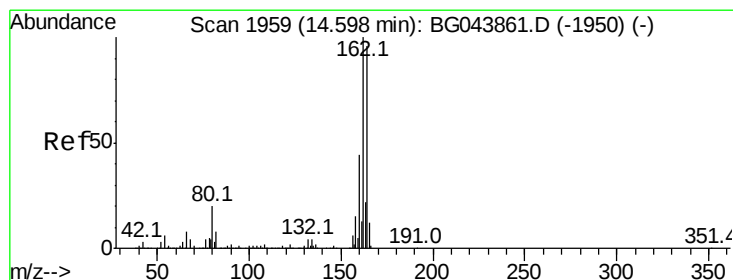
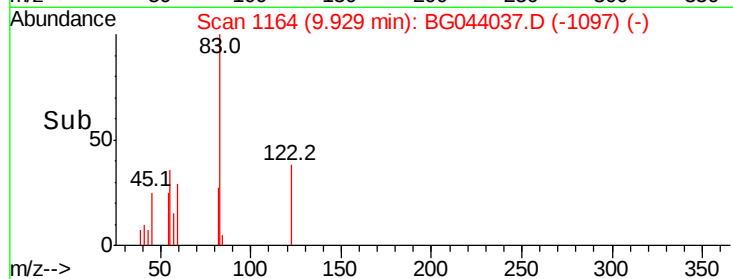
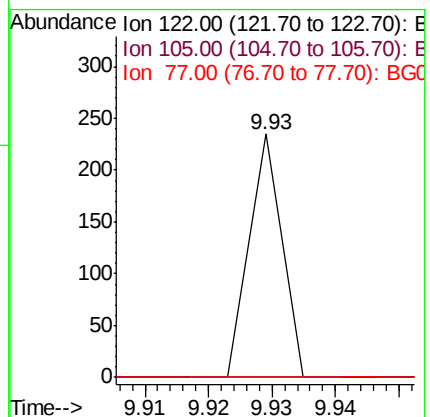
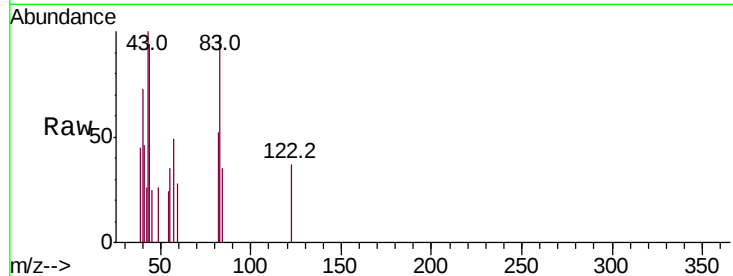




#32
Benzoic acid
Concen: 6.275 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.14 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

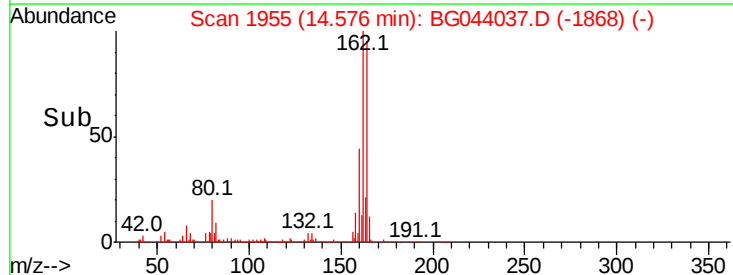
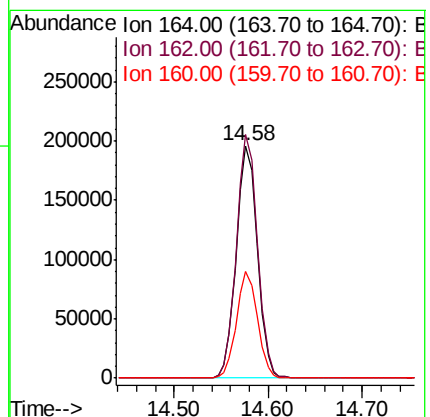
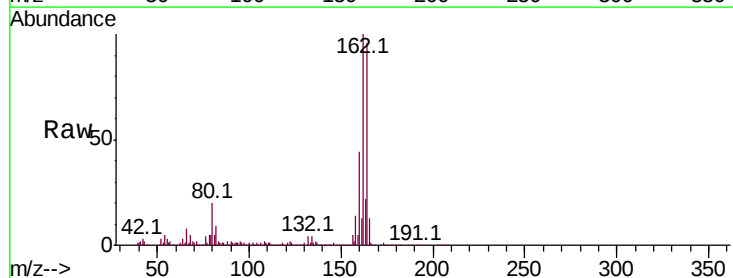
Instrument :
BNA_G
ClientSampleId :

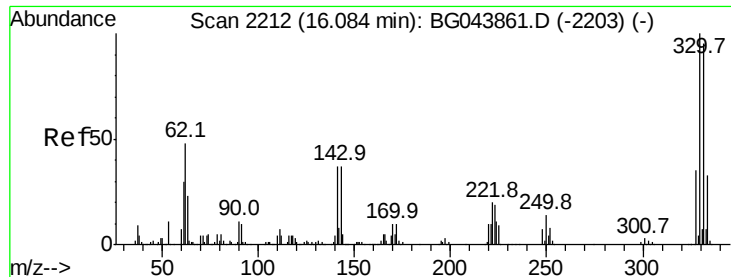
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.4
160	46.0	36.1	54.1

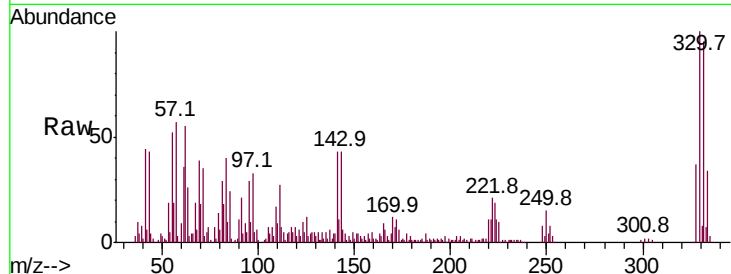




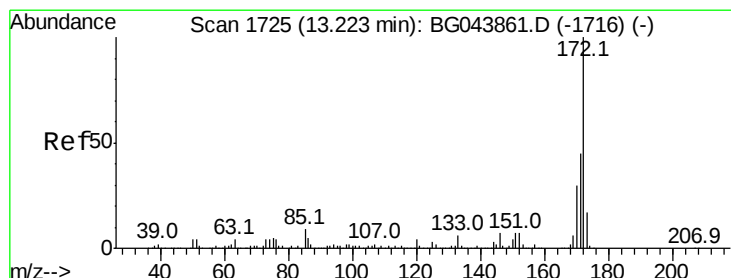
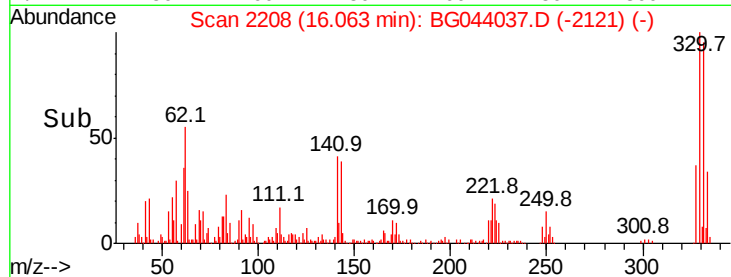
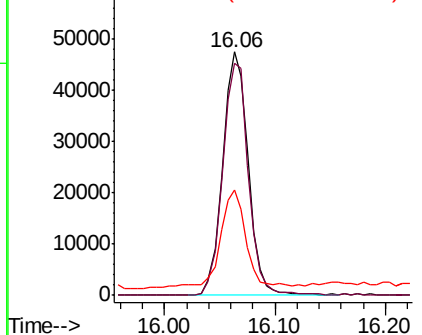
#42
 2,4,6-Tribromophenol
 Concen: 23.810 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BG044037.D
 Acq: 14 Jan 2020 15:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 76618
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.2 115.8
 141 43.1 33.1 49.7

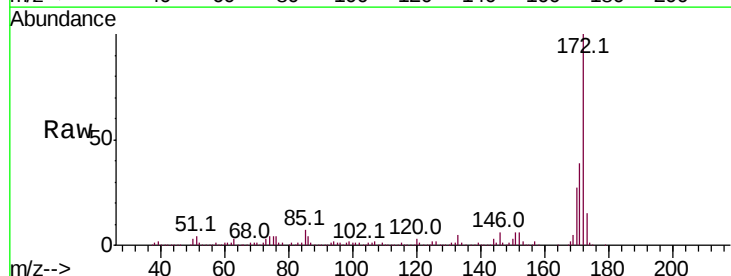


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

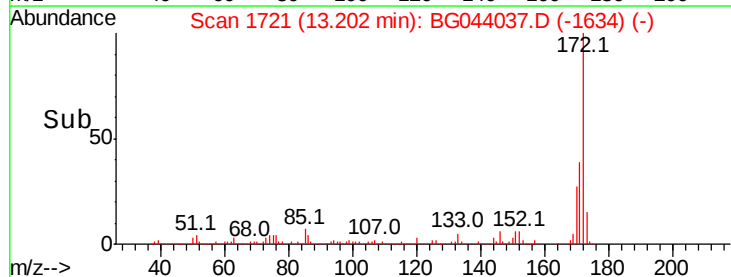
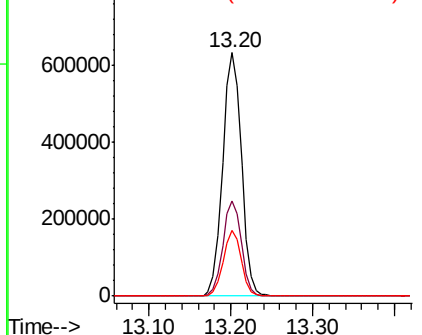


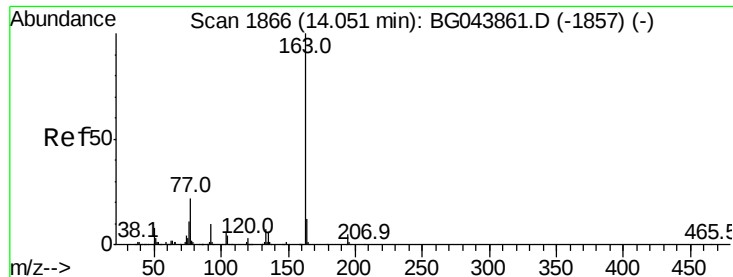
#45
 2-Fluorobiphenyl
 Concen: 59.781 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044037.D
 Acq: 14 Jan 2020 15:28

Tgt Ion:172 Resp: 1014594
 Ion Ratio Lower Upper
 172 100
 171 39.3 35.8 53.8
 170 27.0 24.2 36.4



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: 5.704 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

BNA_G

ClientSampleId :

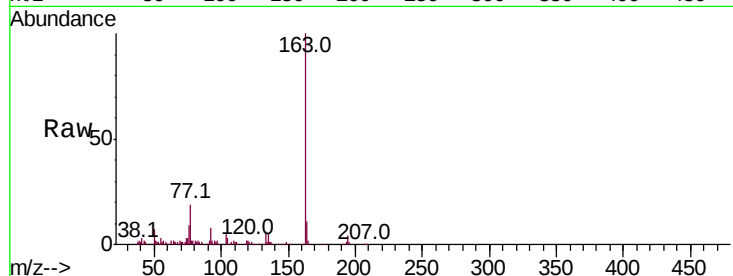
Tot Ion:163 Resp: 124540

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

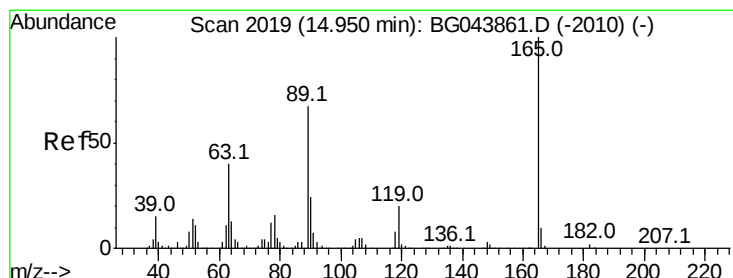
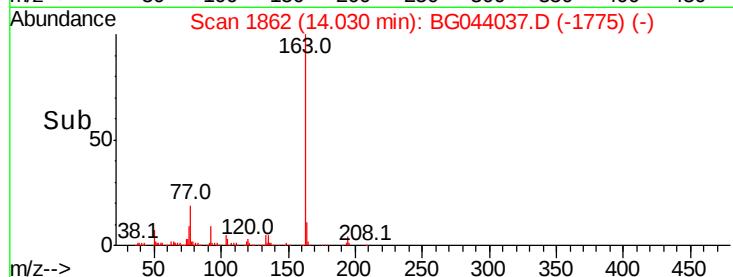
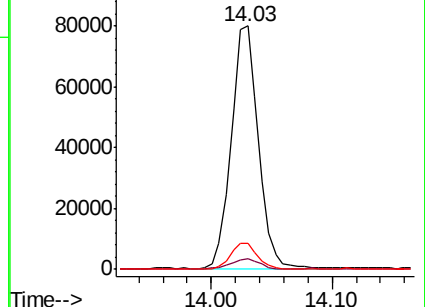
164 10.7 9.3 13.9



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: 6.264 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Tgt Ion:165 Resp: 42063

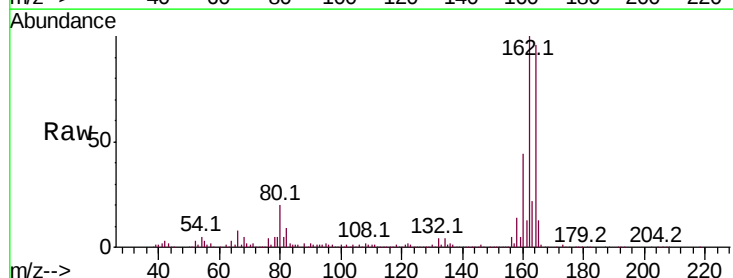
Ion Ratio Lower Upper

165 100

63 1.4 31.9 47.9#

89 1.9 53.8 80.6#

182 1.0 2.0 3.0#

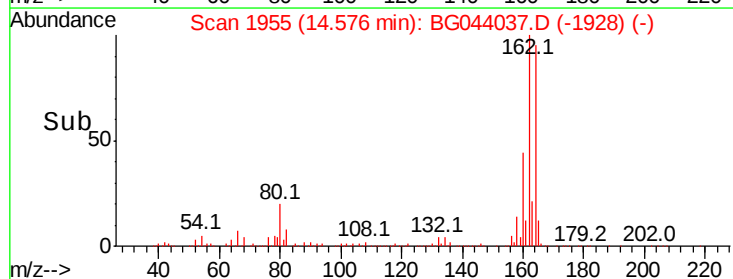
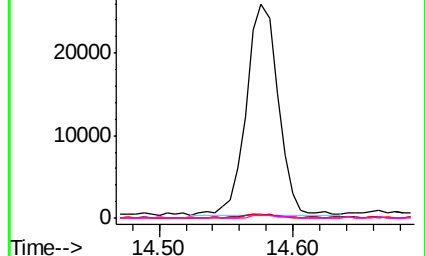


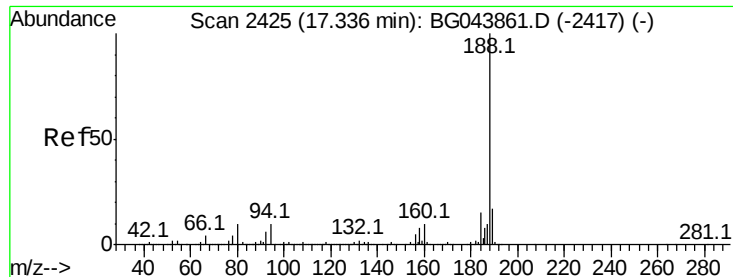
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

BNA_G

ClientSampled :

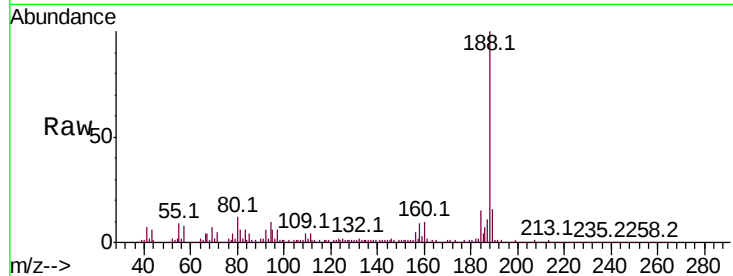
Tot Ion:188 Resp: 589857

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

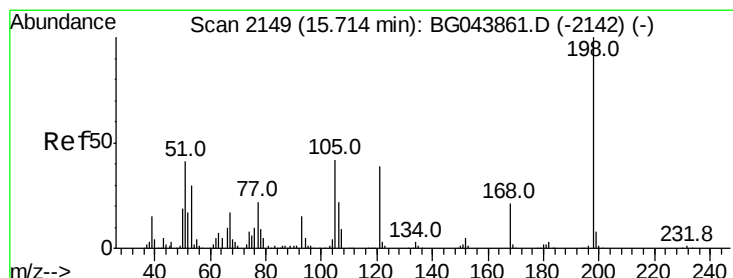
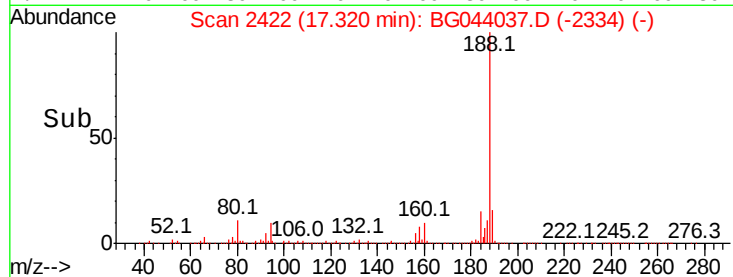
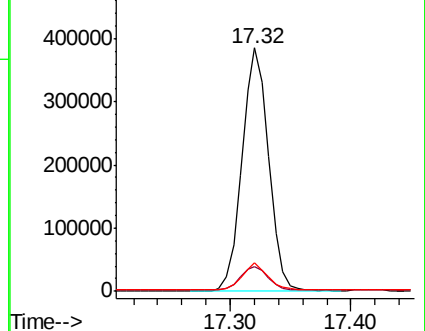
80 11.7 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 4.465 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.05 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

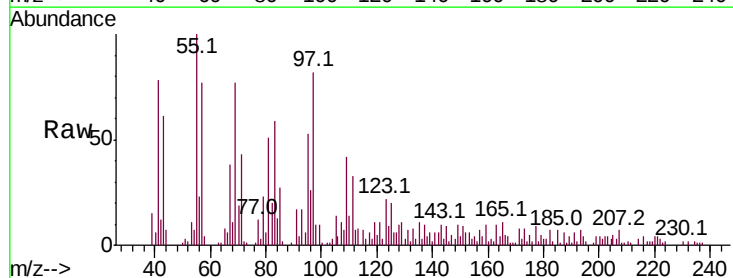
Tgt Ion:198 Resp: 253

Ion Ratio Lower Upper

198 100

51 232.1 22.5 62.5#

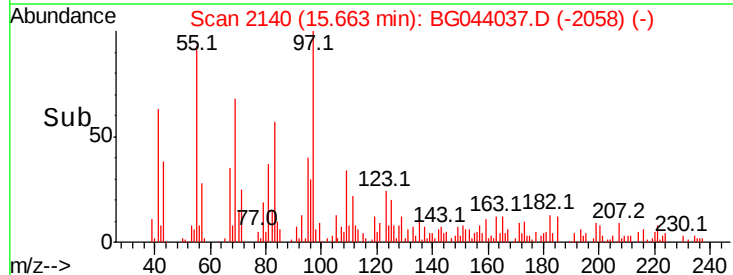
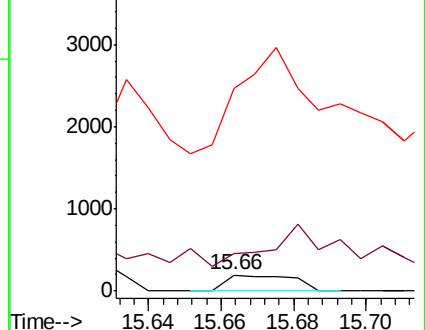
105 1259.7 22.3 62.3#

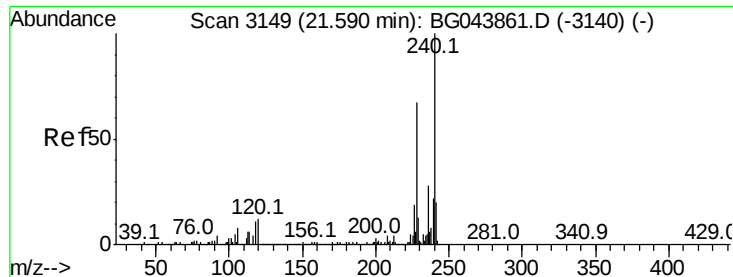


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

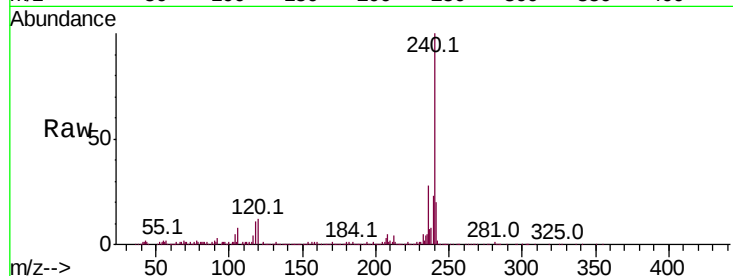
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 552488

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	28.0	22.2	33.2

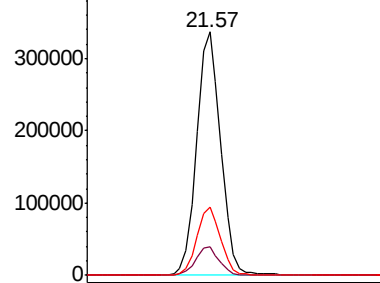


Abundance

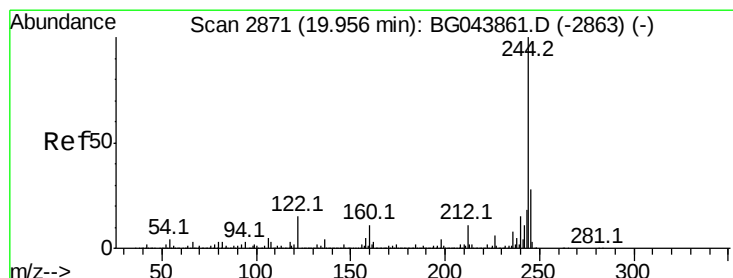
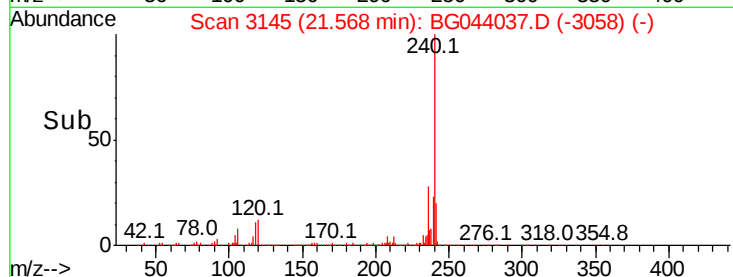
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 51.958 ng

RT: 19.93 min Scan# 2867

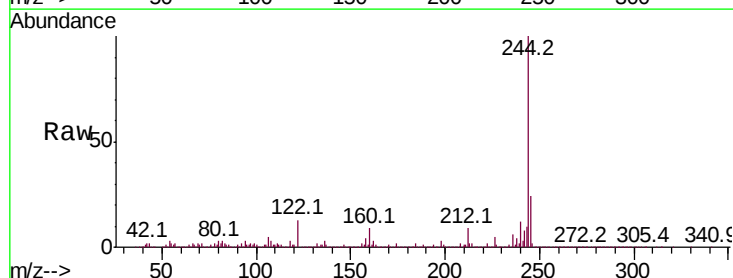
Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Tgt Ion:244 Resp: 1342344

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	13.3	11.9	17.9

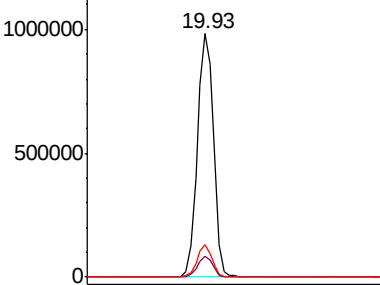


Abundance

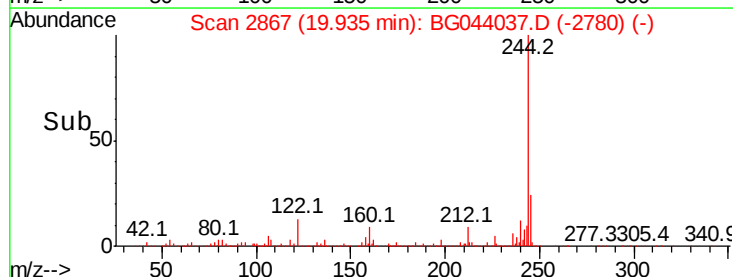
Ion 244.00 (243.70 to 244.70): E

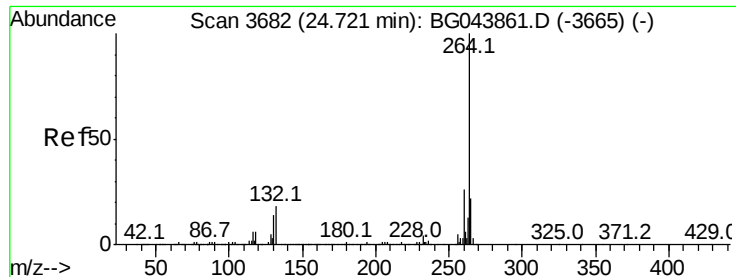
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG044037.D
 Acq: 14 Jan 2020 15:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 631314
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.4 30.6
 265 21.5 17.4 26.2

