

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040849.D
 Acq On : 10 May 2019 13:27
 Operator : HP/JU
 Sample : K2762-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 10 15:17:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

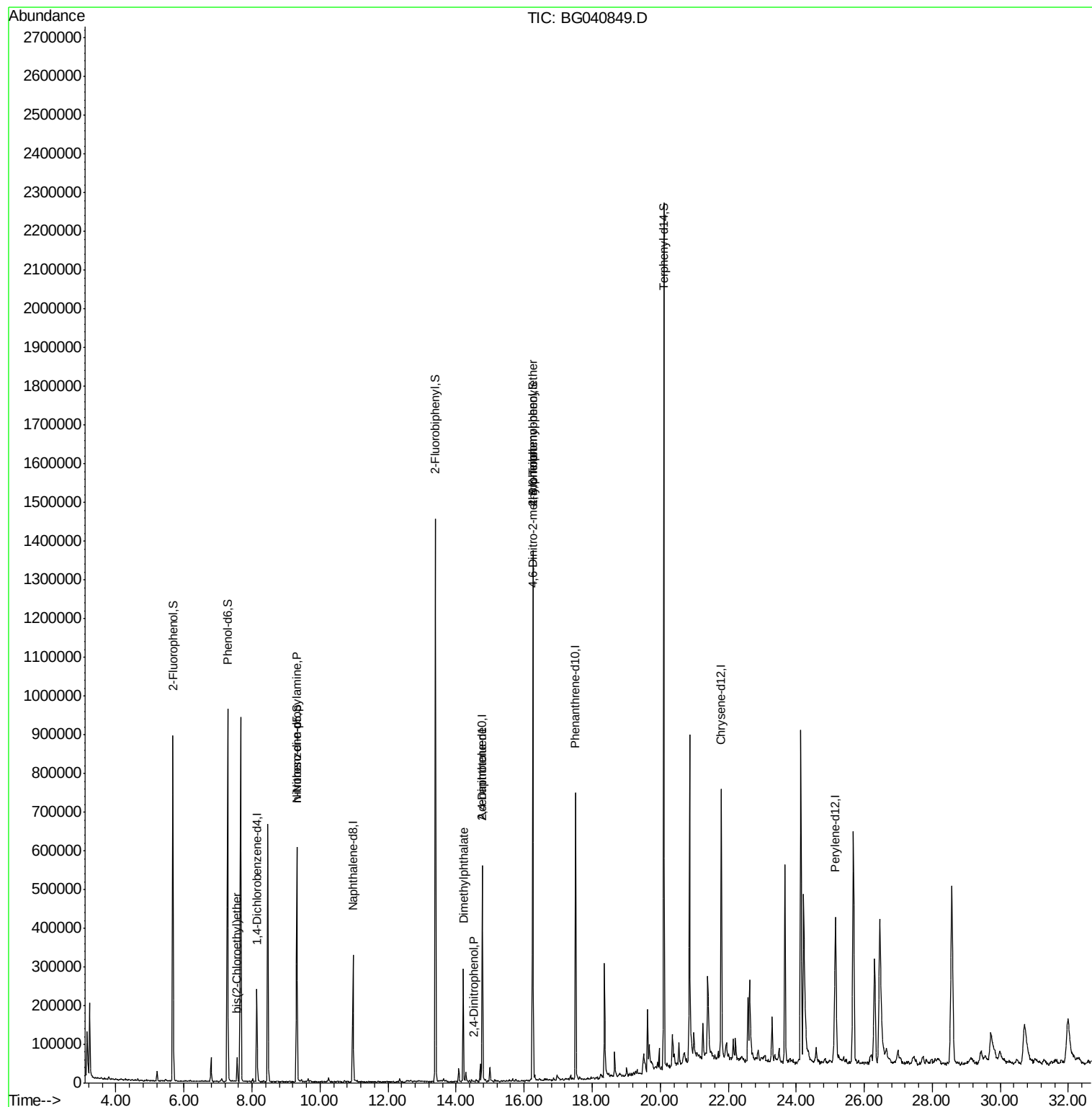
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65978	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	267196	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	194516	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	458059	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	436675	20.00	ng	-0.03
87) Perylene-d12	25.16	264	458405	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	325345	86.92	ng	-0.01
7) Phenol-d6	7.28	99	508359	88.21	ng	-0.01
23) Nitrobenzene-d5	9.32	82	368263	63.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	248246	92.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	725790	53.89	ng	-0.02
79) Terphenyl-d14	20.11	244	1073007	54.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	1245	Below Cal	Qvalue	# 18
11) bis(2-Chloroethyl)ether	7.57	93	20246	4.358 ng	#	19
19) n-Nitroso-di-n-propylamine	9.32	70	52633	10.146 ng	#	68
50) Dimethylphthalate	14.21	163	176757	10.861 ng		96
54) 2,4-Dinitrophenol	14.53	184	78	7.054 ng	#	21
57) 2,4-Dinitrotoluene	14.77	165	24799	5.746 ng	#	17
65) 4,6-Dinitro-2-methylphenol	16.24	198	894	7.439 ng	#	66
67) 4-Bromophenyl-phenylether	16.26	248	18363	3.218 ng	#	1

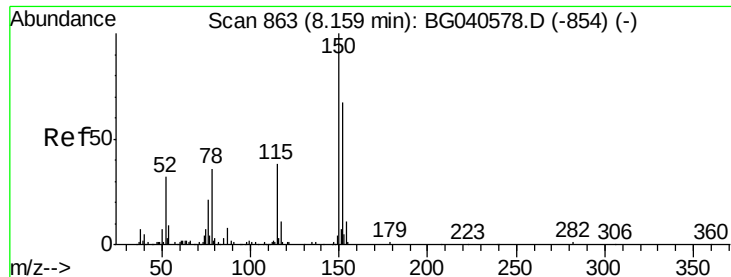
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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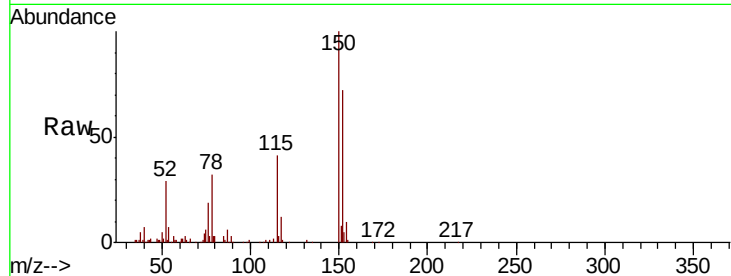


#1

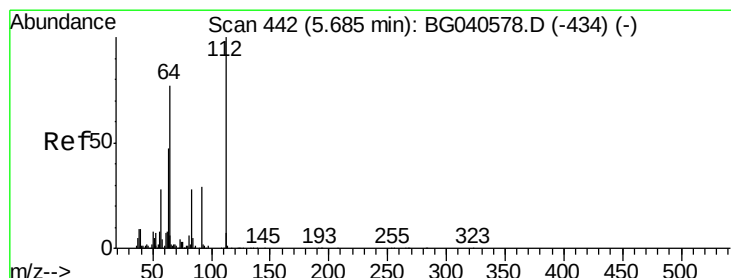
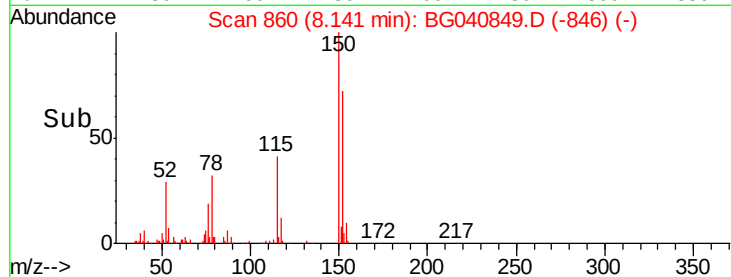
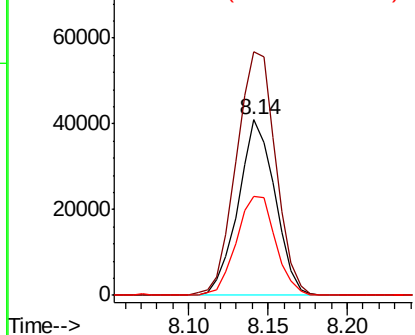
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040849.D
Acq: 10 May 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65978
Ion Ratio Lower Upper
152 100
150 138.8 120.2 180.2
115 56.3 46.2 69.2



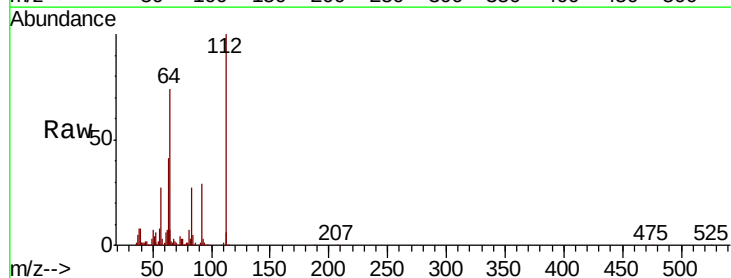
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



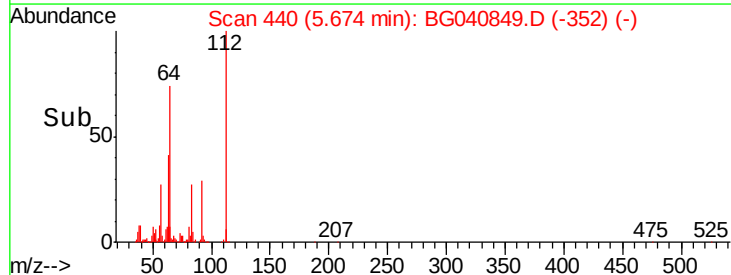
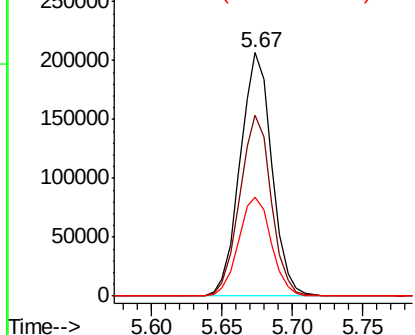
#5

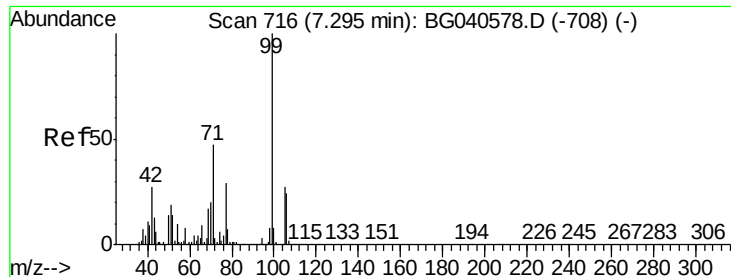
2-Fluorophenol
Concen: 86.924 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040849.D
Acq: 10 May 2019 13:27

Tgt Ion:112 Resp: 325345
Ion Ratio Lower Upper
112 100
64 74.1 61.4 92.0
63 40.9 37.8 56.6



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: 88.211 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampled :

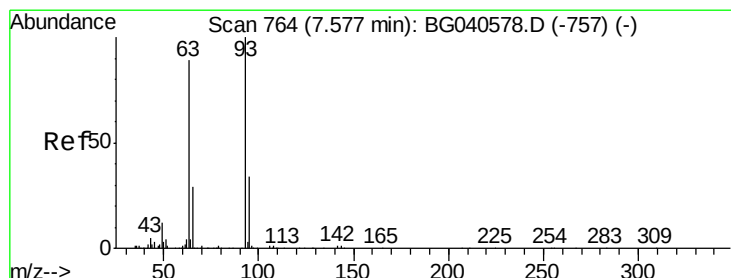
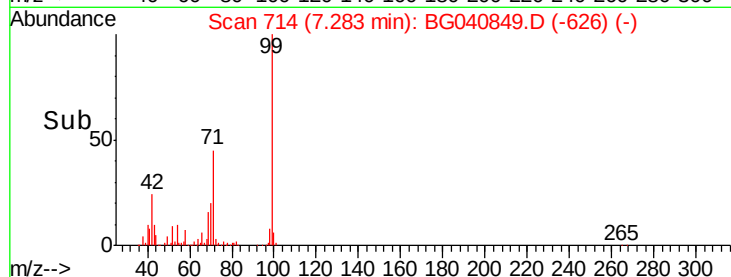
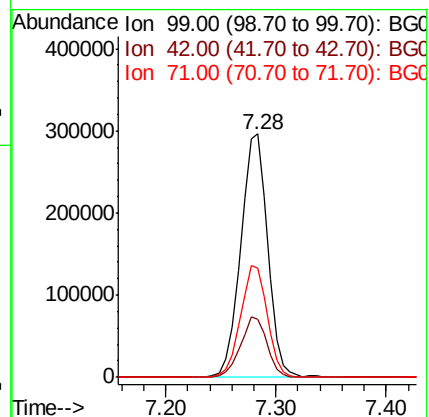
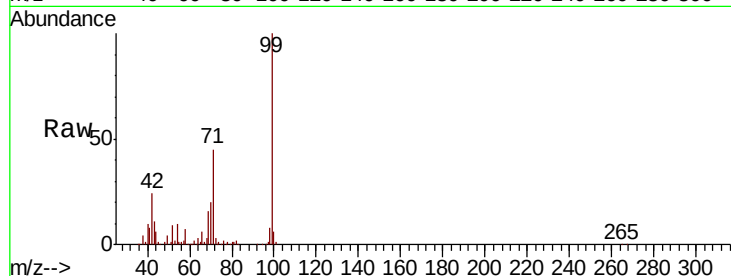
Tot Ion: 99 Resp: 508359

Ion Ratio Lower Upper

99 100

42 23.6 21.8 32.8

71 44.7 38.6 57.8



#11

bis(2-Chloroethyl)ether

Concen: 4.358 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

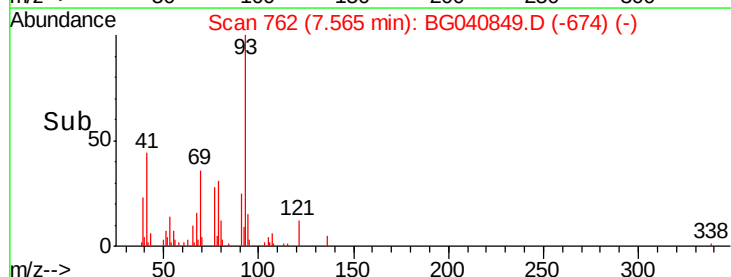
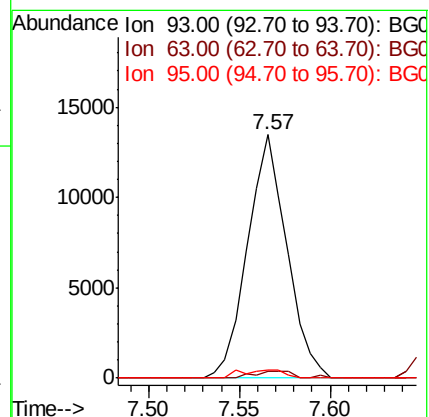
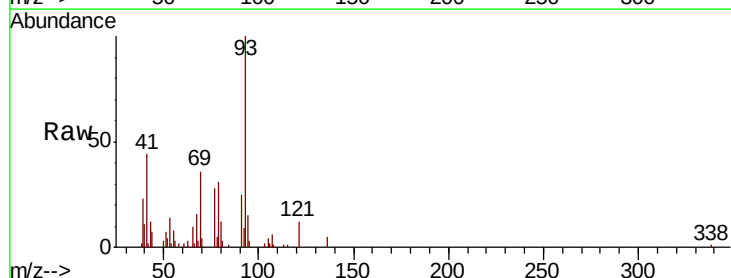
Tgt Ion: 93 Resp: 20246

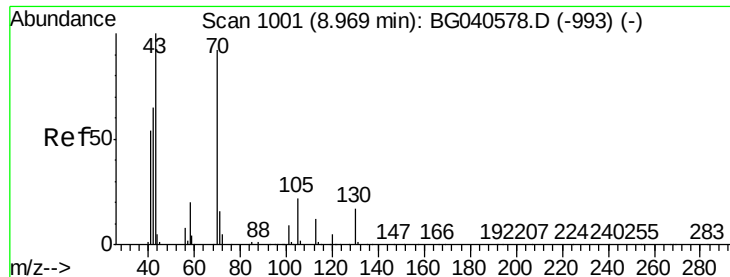
Ion Ratio Lower Upper

93 100

63 3.0 68.2 108.2#

95 3.4 14.3 54.3#

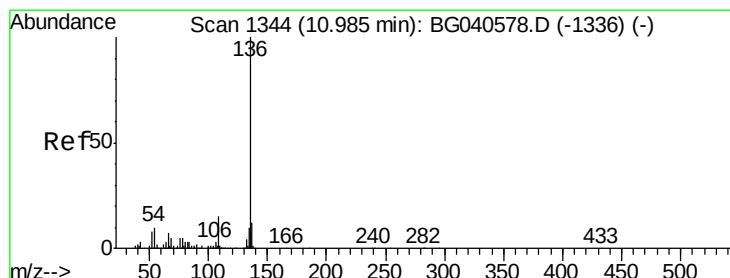
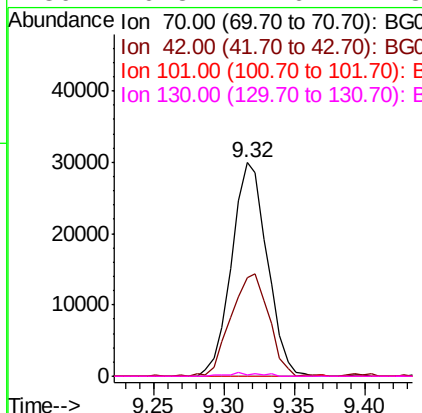
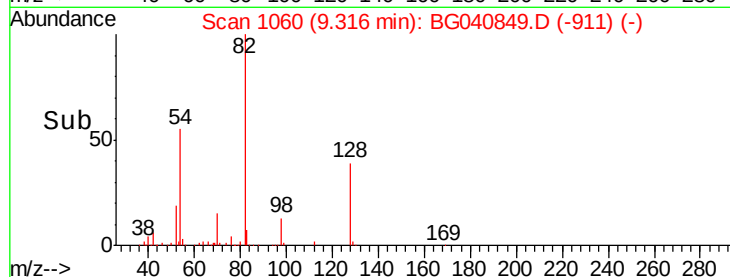
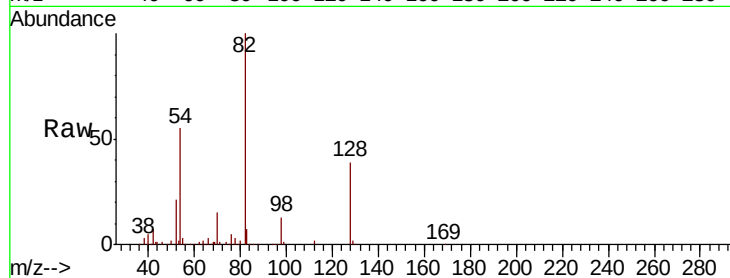




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.146 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. 0.35 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

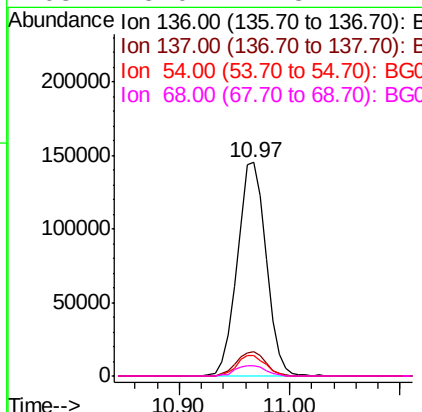
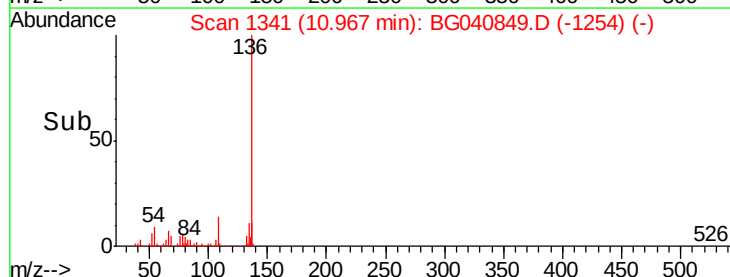
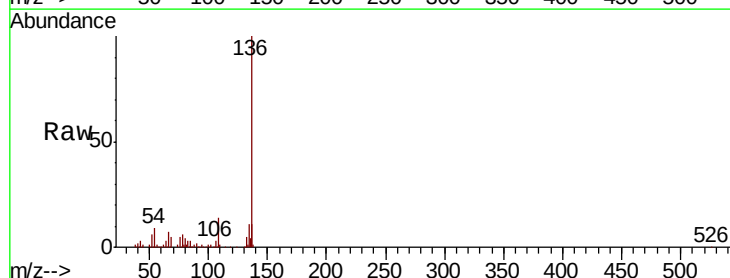
Instrument :
 BNA_G
 ClientSampleId :

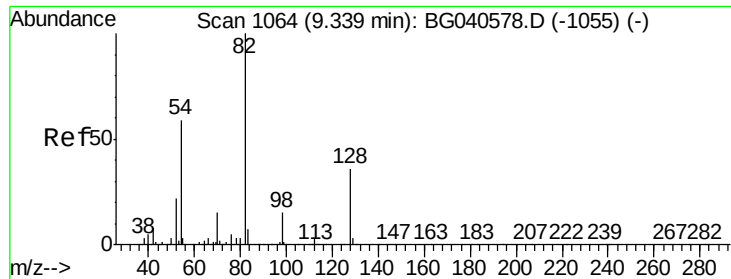
Tot Ion: 70 Resp: 52633
 Ion Ratio Lower Upper
 70 100
 42 46.2 57.1 85.7#
 101 0.0 7.8 11.8#
 130 0.8 14.6 21.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Tgt Ion: 136 Resp: 267196
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.7 14.5
 54 9.9 8.6 12.8
 68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.684 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

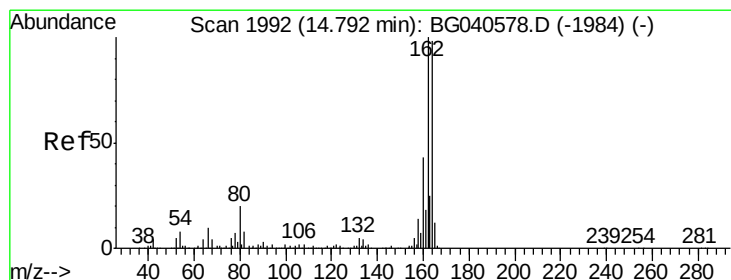
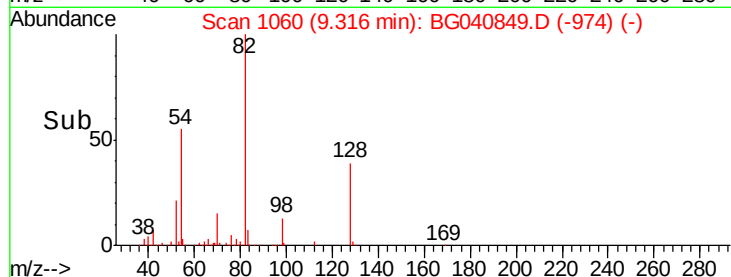
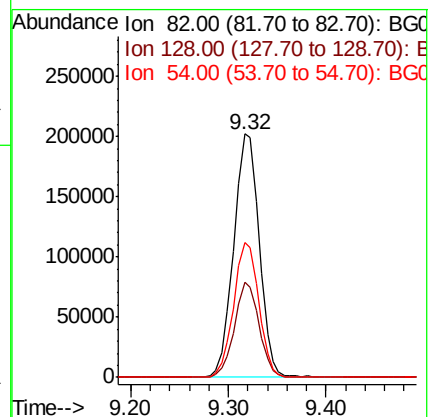
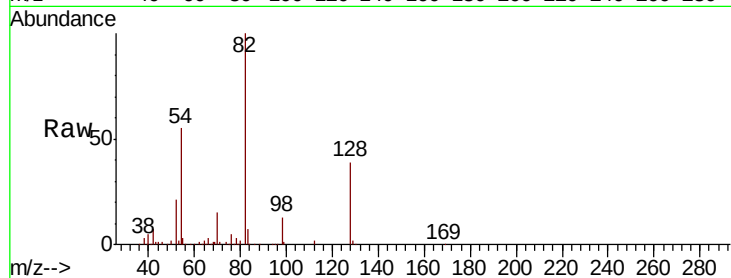
Tot Ion: 82 Resp: 368263

Ion Ratio Lower Upper

82 100

128 39.0 28.9 43.3

54 55.4 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

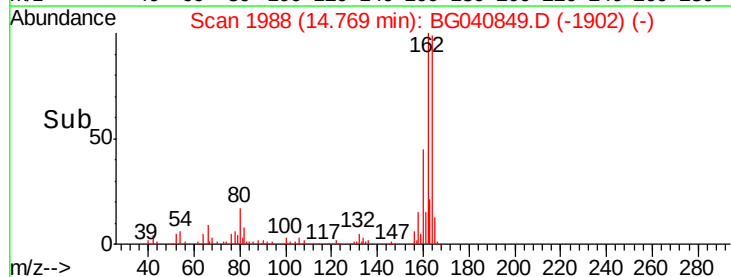
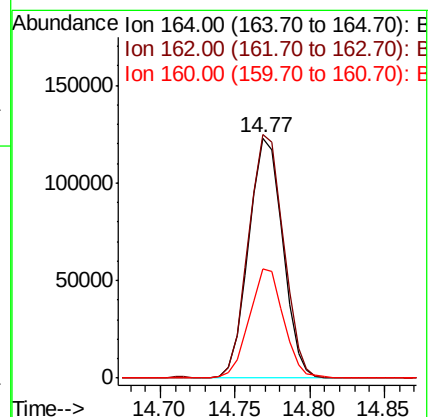
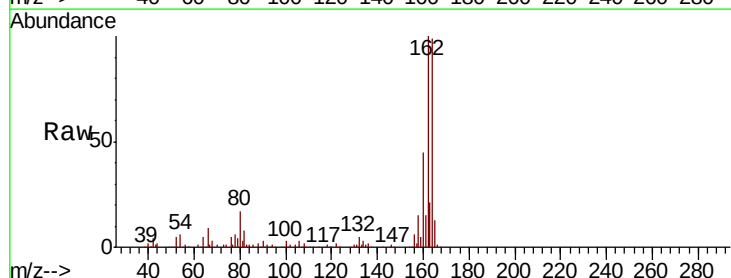
Tgt Ion: 164 Resp: 194516

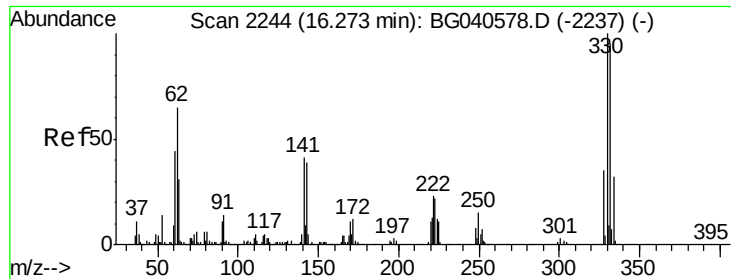
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 45.4 35.4 53.2

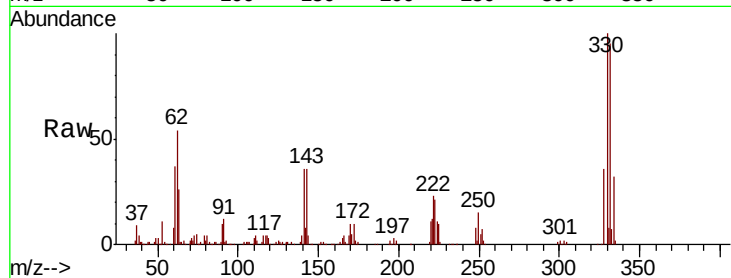




#42
 2,4,6-Tribromophenol
 Concen: 92.849 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.9	113.9
141	35.4	32.4	48.6

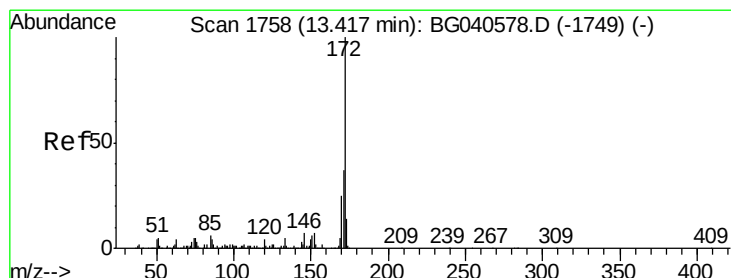
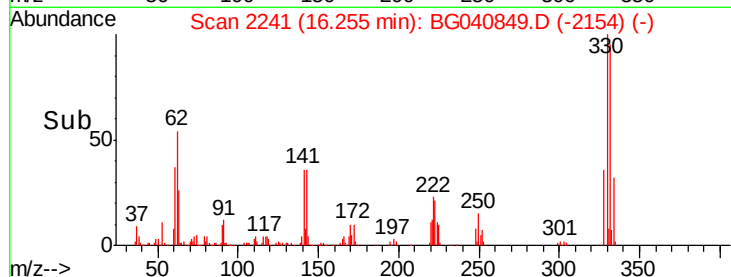
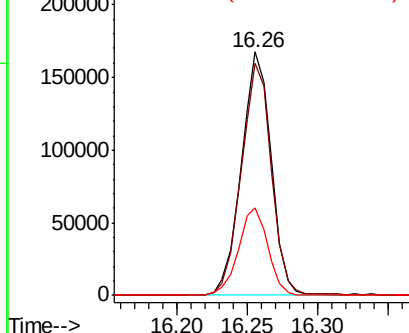


Abundance

Ion 329.80 (329.50 to 330.50): E

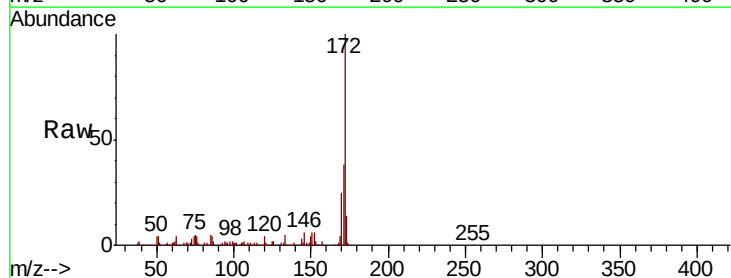
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.887 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	25.1	19.9	29.9

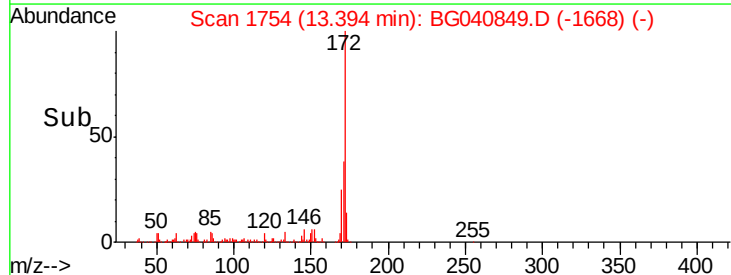
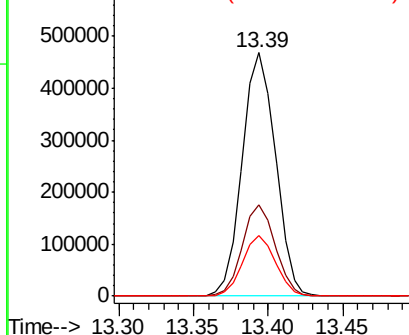


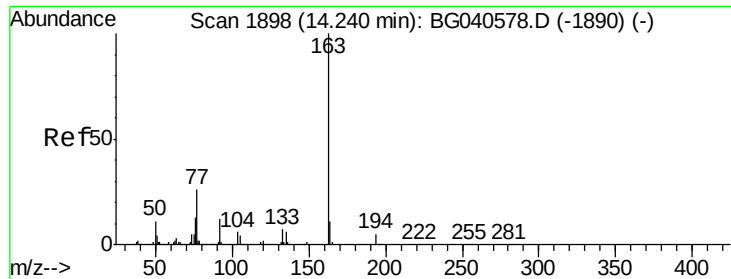
Abundance

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: 10.861 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

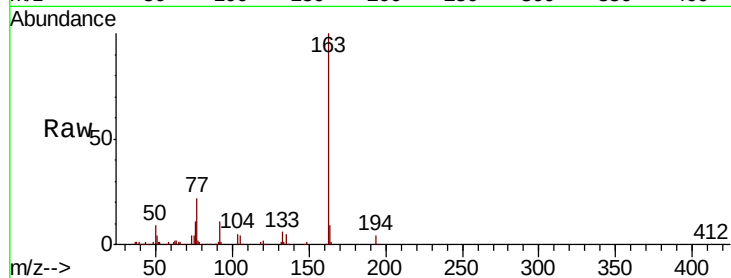
Tot Ion:163 Resp: 176757

Ion Ratio Lower Upper

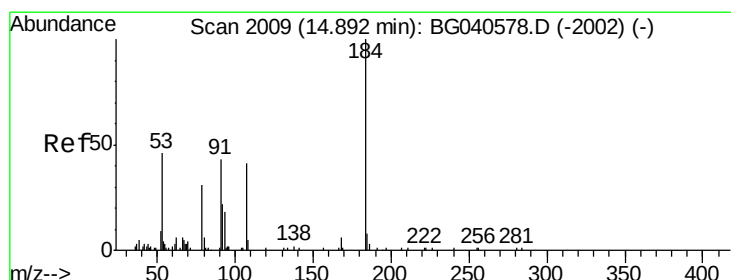
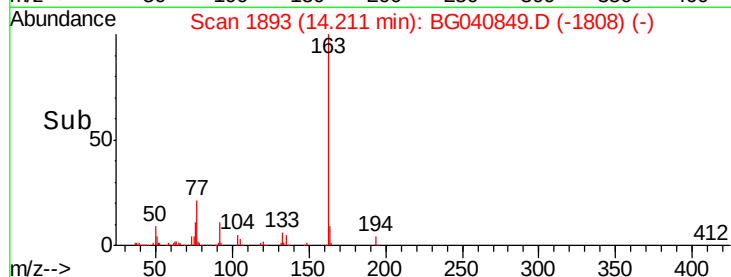
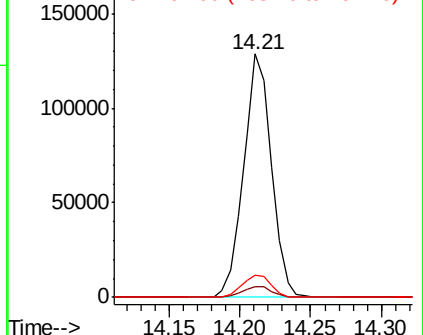
163 100

194 4.6 3.8 5.8

164 8.9 8.8 13.2



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



#54

2,4-Dinitrophenol

Concen: 7.054 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.36 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

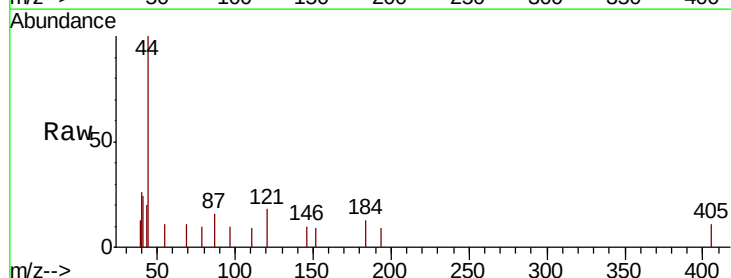
Tgt Ion:184 Resp: 78

Ion Ratio Lower Upper

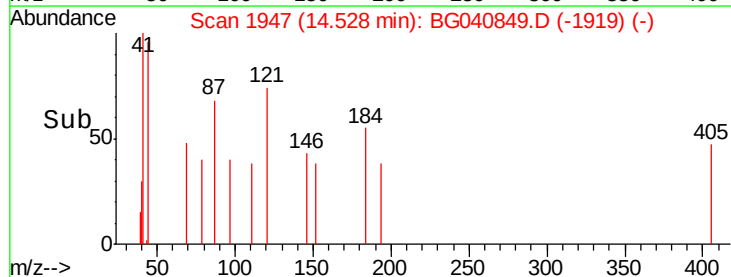
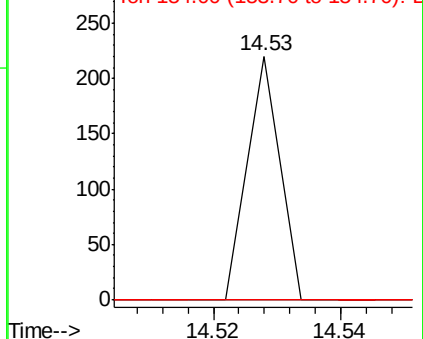
184 100

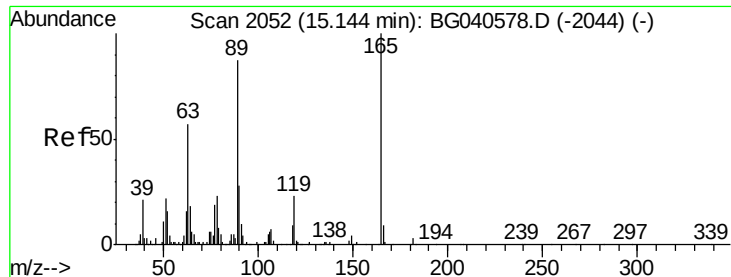
63 0.0 51.8 77.6#

154 0.0 43.6 65.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 5.746 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040849.D

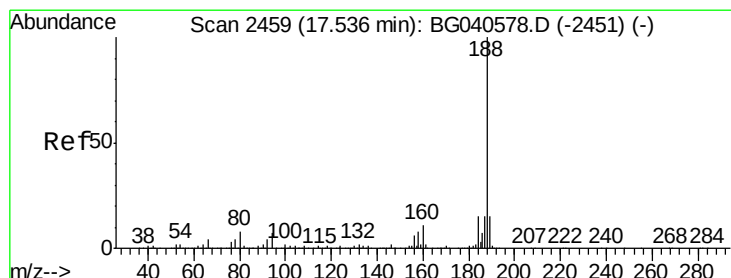
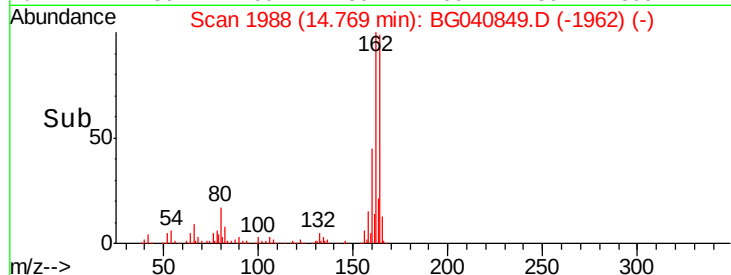
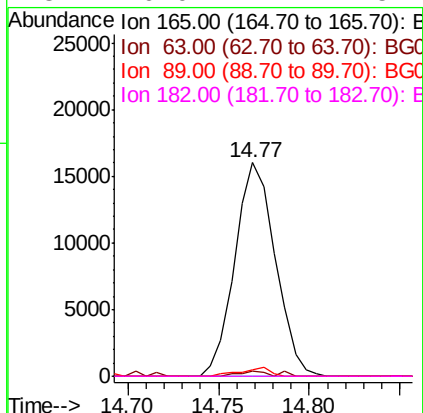
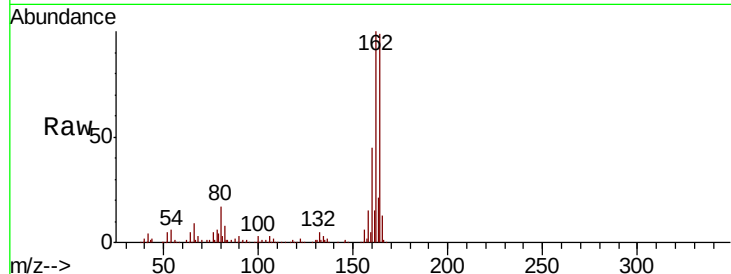
Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	24799
Ion	Ratio	Lower	Upper
165	100		
63	2.4	45.8	68.8#
89	2.8	69.4	104.2#
182	0.0	2.2	3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

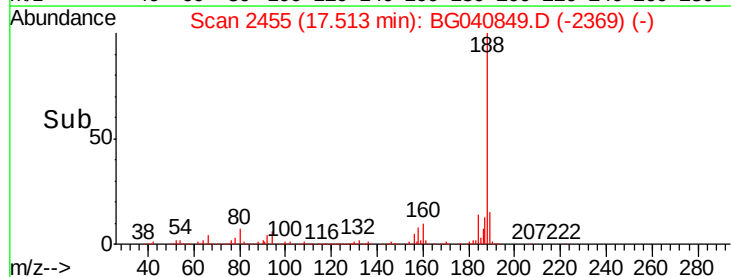
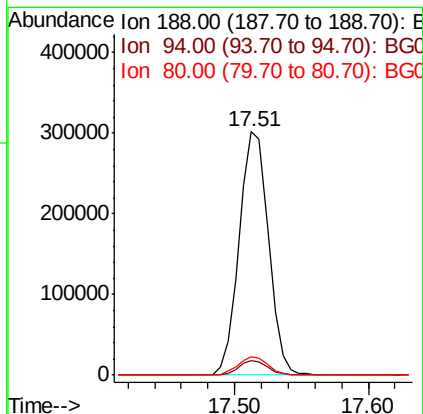
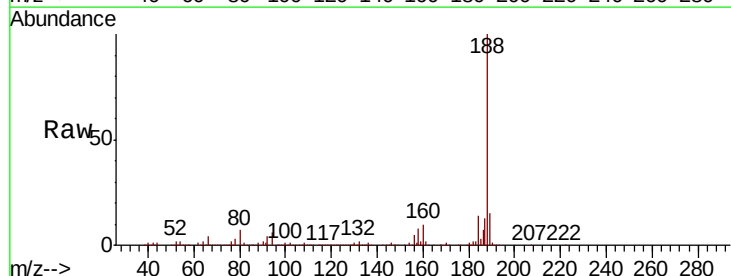
RT: 17.51 min Scan# 2455

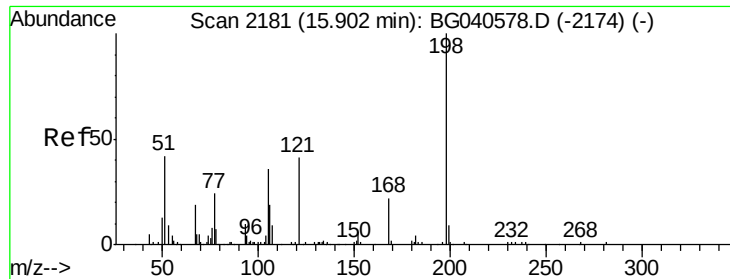
Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Tgt Ion:	188	Resp:	458059
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.3	6.4	9.6

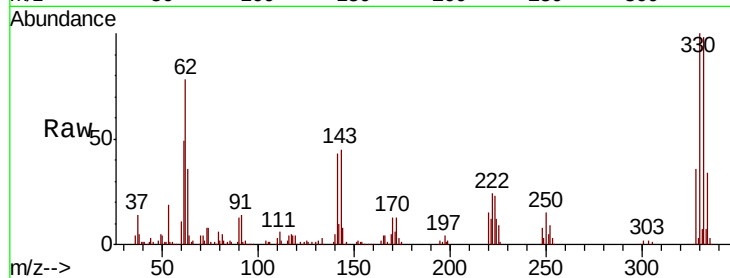




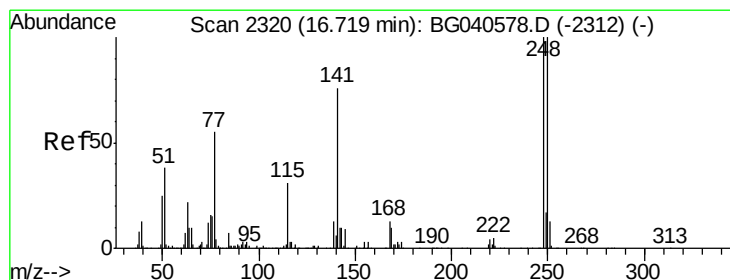
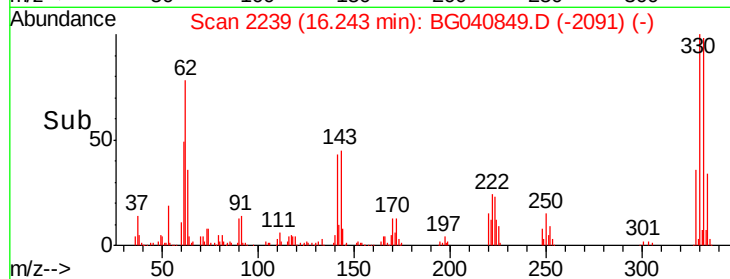
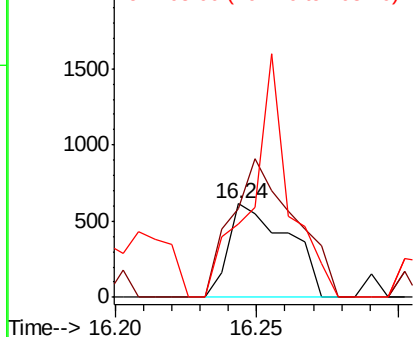
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.439 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. 0.34 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 894
 Ion Ratio Lower Upper
 198 100
 51 28.5 35.9 75.9#
 105 23.4 21.2 61.2

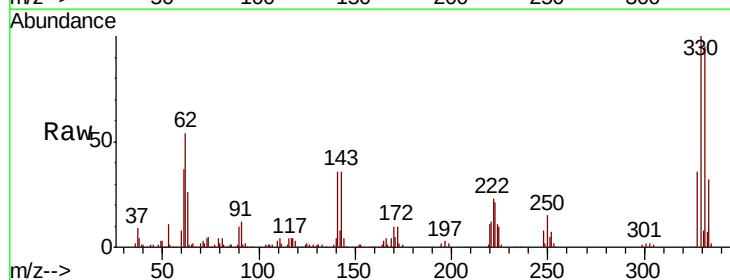


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

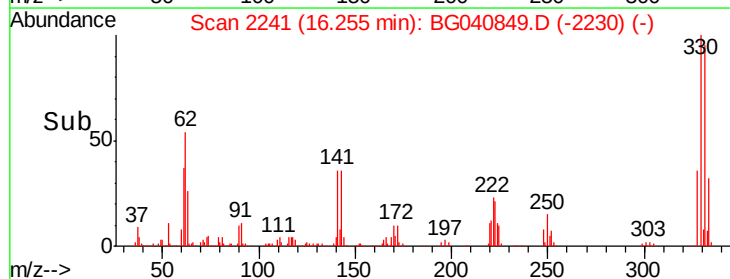
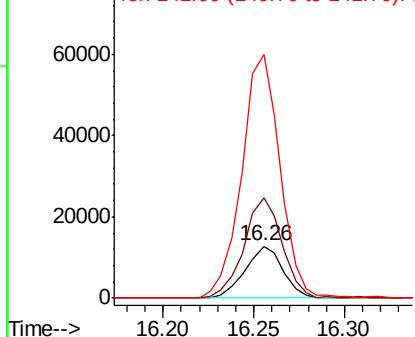


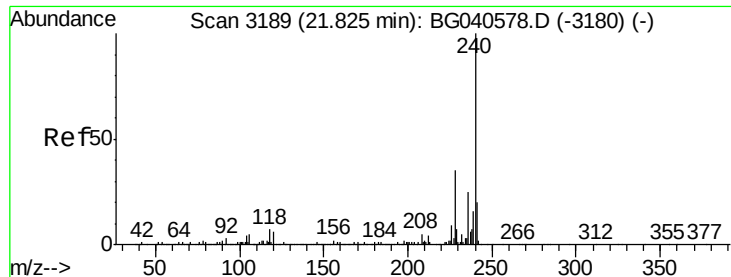
#67
 4-Bromophenyl-phenylether
 Concen: 3.218 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Tgt Ion:248 Resp: 18363
 Ion Ratio Lower Upper
 248 100
 250 148.0 79.8 119.6#
 141 357.1 60.8 91.2#



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

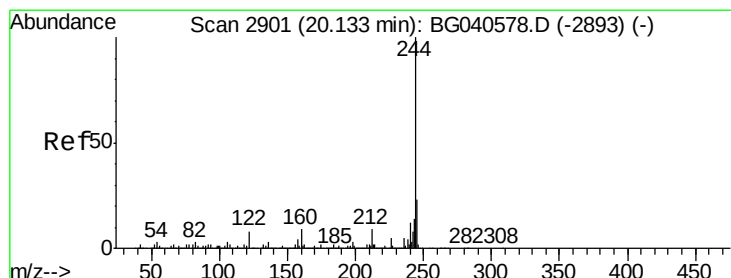
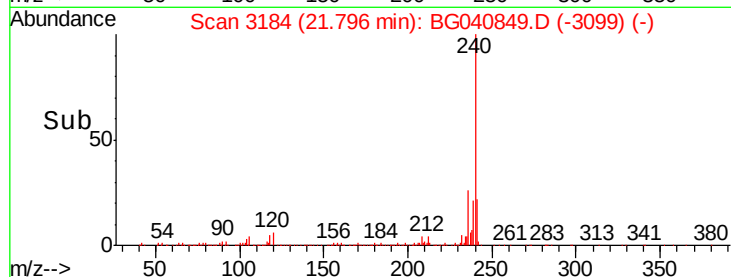
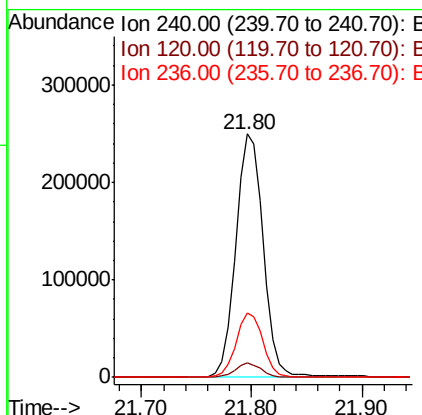
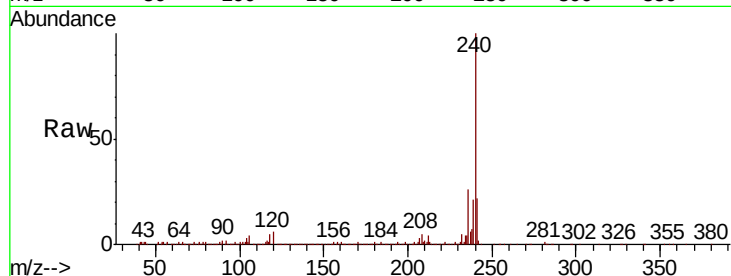




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

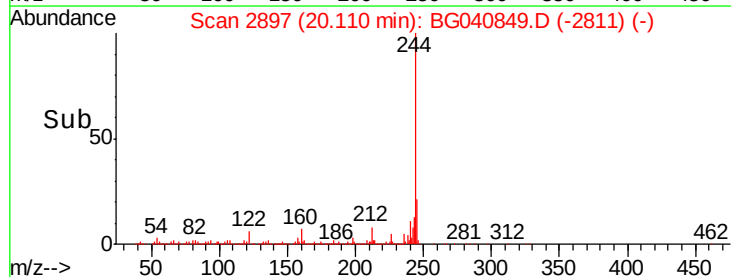
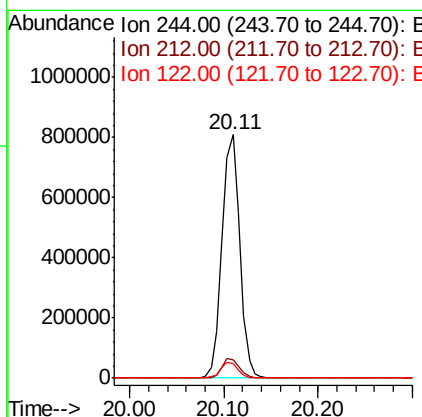
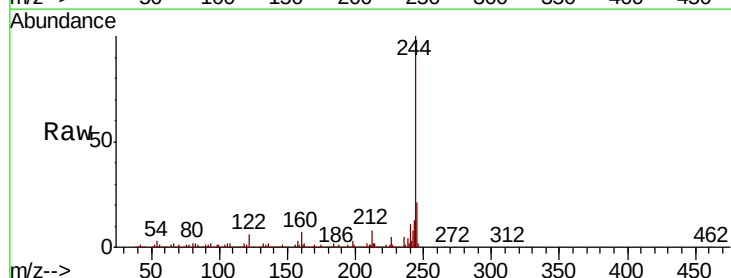
Instrument :
 BNA_G
 ClientSampleId :

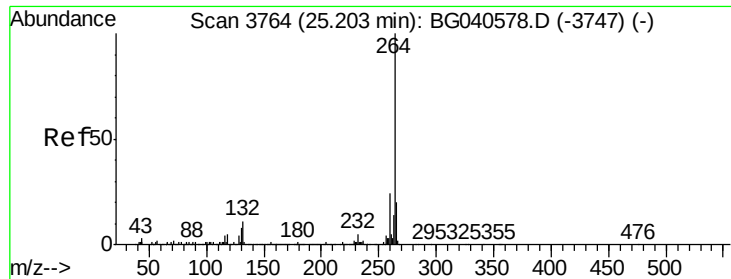
Tot Ion:240 Resp: 436675
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.0 7.6
 236 26.4 20.3 30.5



#79
 Terphenyl-d14
 Concen: 54.438 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Tgt Ion:244 Resp: 1073007
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.2 10.8
 122 6.1 6.6 10.0#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3756
 Delta R.T. -0.05 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.6	25.0

