

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
 Data File : BG040918.D
 Acq On : 13 May 2019 19:26
 Operator : HP/JU
 Sample : K2823-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-B2

Quant Time: May 14 01:49:11 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

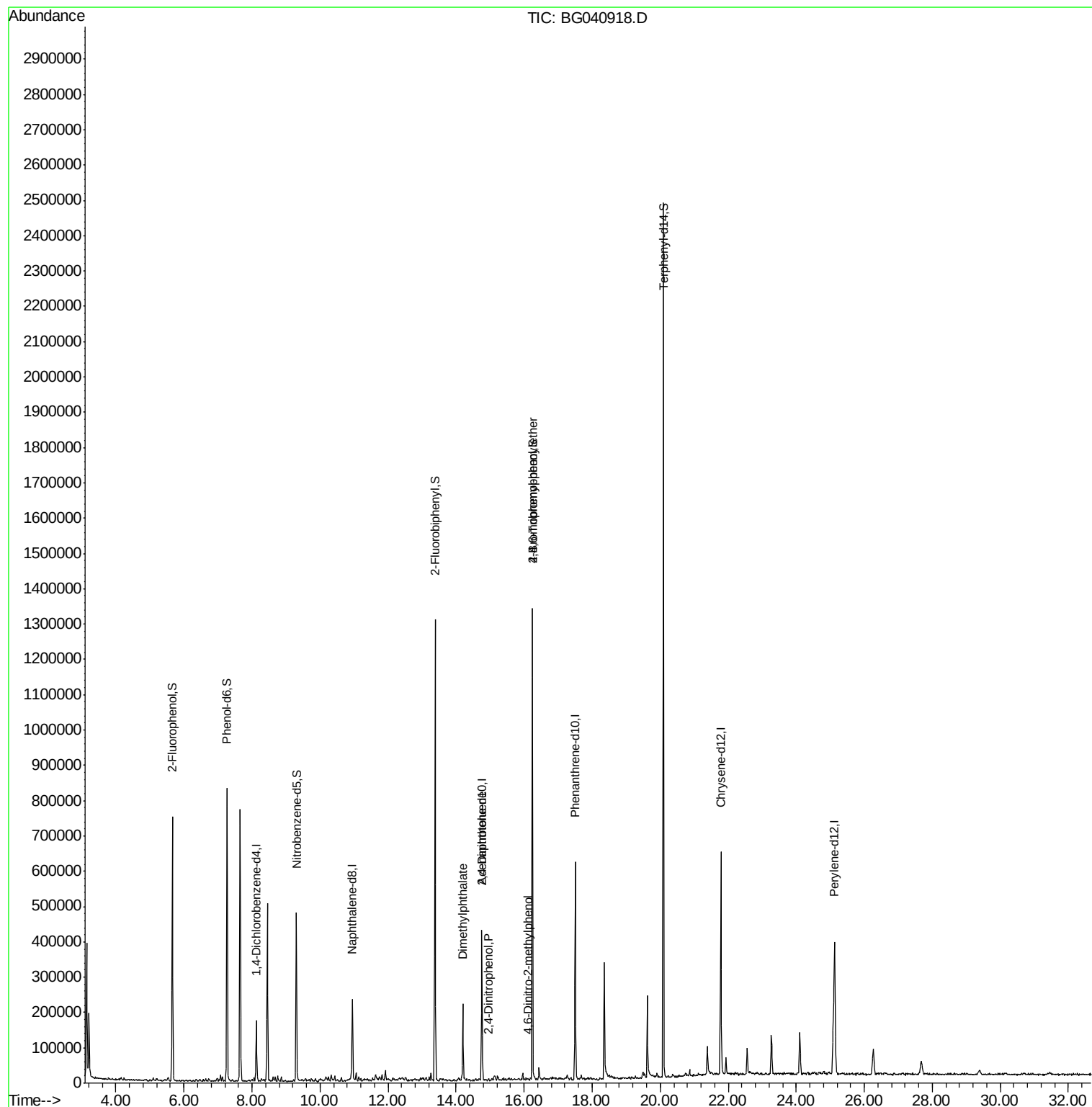
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45123	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	182209	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	144430	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	375417	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	388366	20.00	ng	-0.04
87) Perylene-d12	25.13	264	431975	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	284400	111.10	ng	-0.02
7) Phenol-d6	7.27	99	432241	109.67	ng	-0.03
23) Nitrobenzene-d5	9.30	82	286108	72.55	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	252882	127.38	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	646099	64.61	ng	-0.04
79) Terphenyl-d14	20.10	244	1157843	66.05	ng	-0.04
Target Compounds						
9) Benzaldehyde	7.27	77	959	Below Cal		Qvalue # 6
50) Dimethylphthalate	14.20	163	121450	10.050	ng	98
54) 2,4-Dinitrophenol	14.94	184	92	7.078	ng	# 22
57) 2,4-Dinitrotoluene	14.76	165	19260	6.010	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.13	198	71	7.134	ng	# 28
67) 4-Bromophenyl-phenylether	16.24	248	18681	3.994	ng	# 1

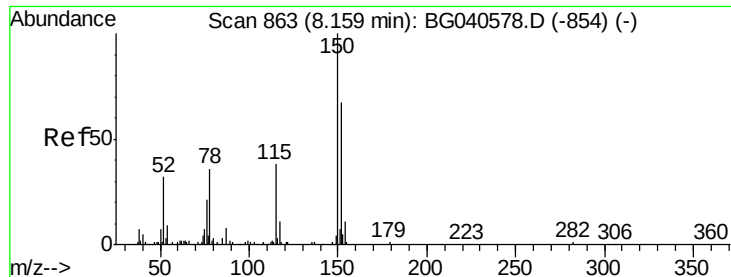
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
11-B2

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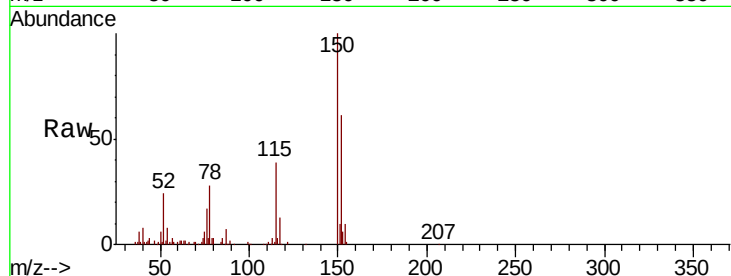


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040918.D
Acq: 13 May 2019 19:26

Instrument :
BNA_G
ClientSampleId :
11-B2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	120.2	180.2
115	63.5	46.2	69.2

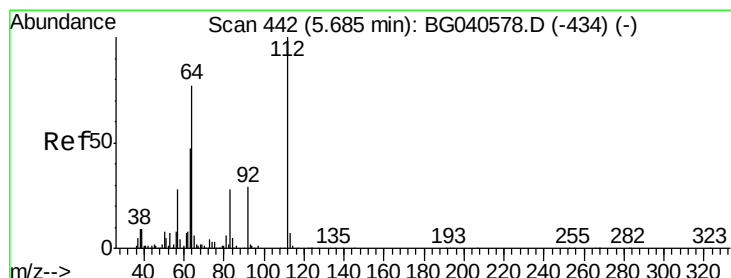
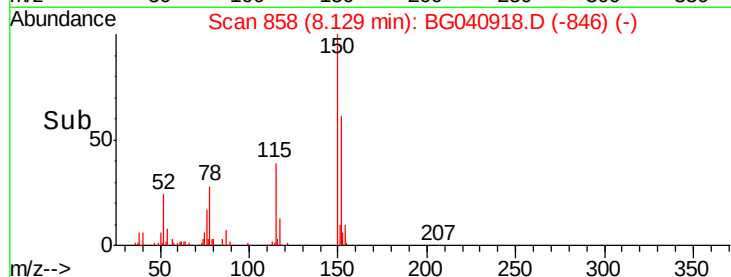
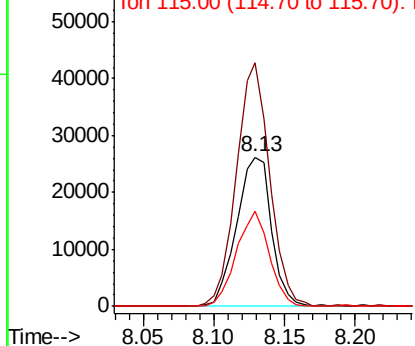


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

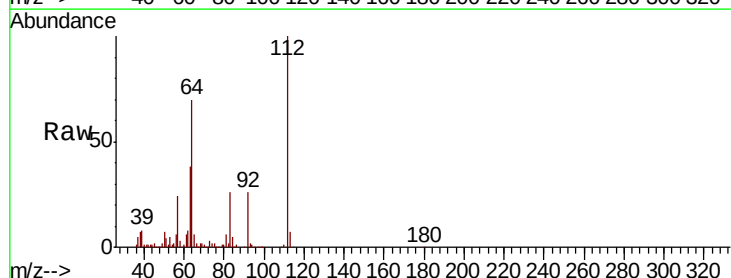
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.103 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040918.D
Acq: 13 May 2019 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.4	92.0
63	38.5	37.8	56.6

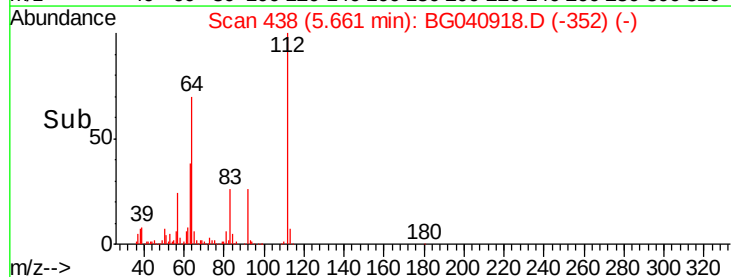
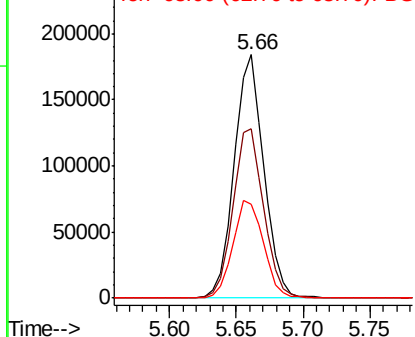


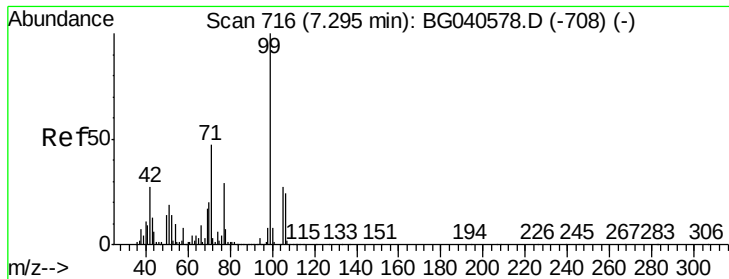
Abundance

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: 109.668 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040918.D

Acq: 13 May 2019 19:26

Instrument :

BNA_G

ClientSampleId :

11-B2

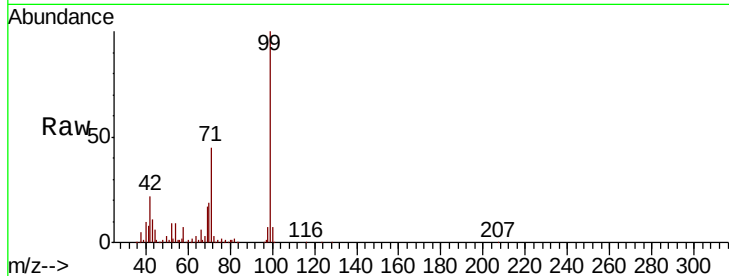
Tgt Ion: 99 Resp: 432241

Ion Ratio Lower Upper

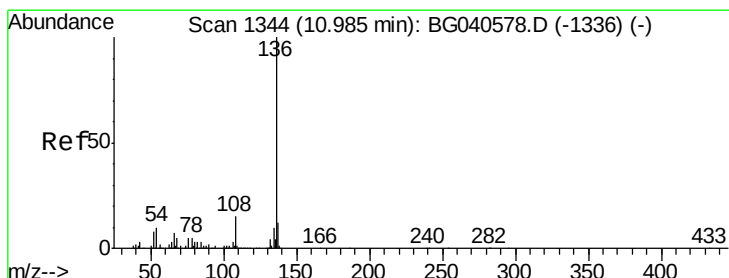
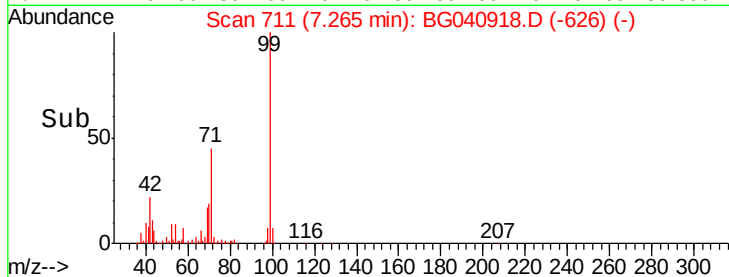
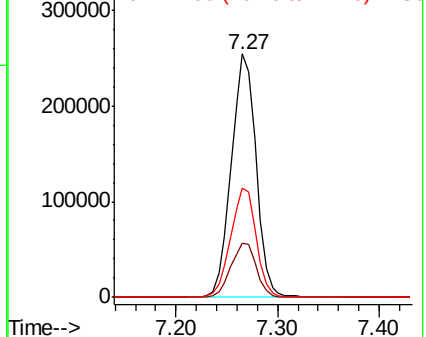
99 100

42 22.3 21.8 32.8

71 44.7 38.6 57.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BG040918.D

Acq: 13 May 2019 19:26

Tgt Ion: 136 Resp: 182209

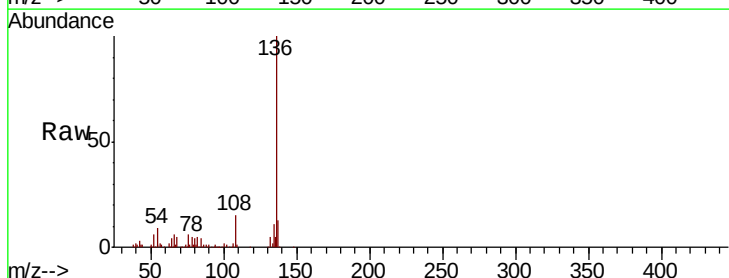
Ion Ratio Lower Upper

136 100

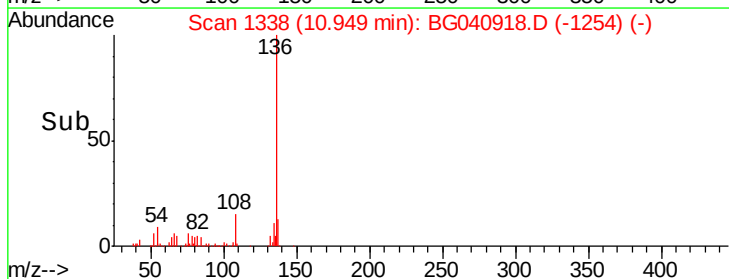
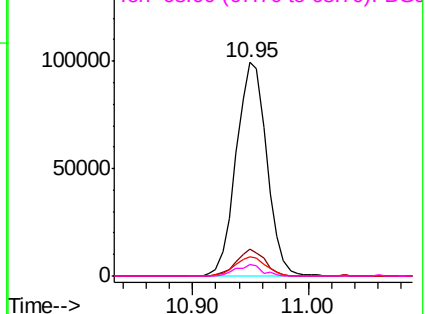
137 12.5 9.7 14.5

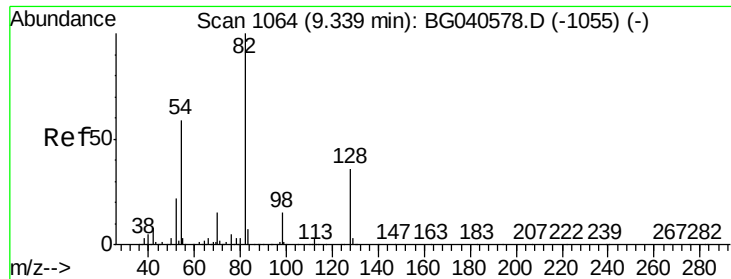
54 9.9 8.6 12.8

68 5.4 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

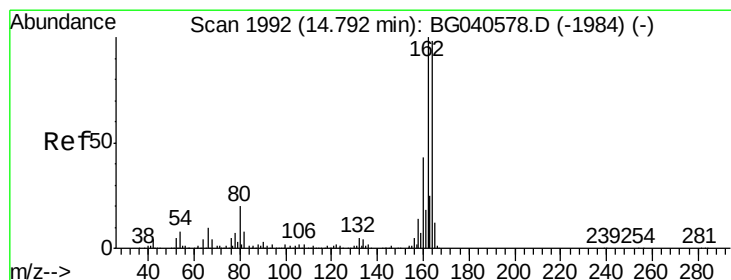
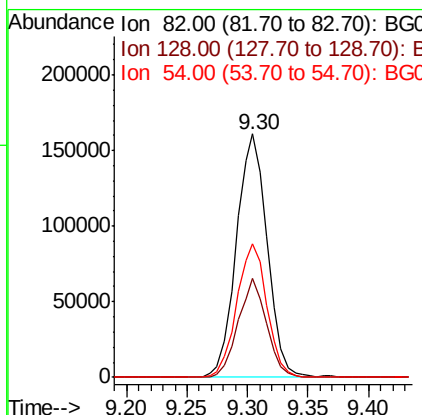
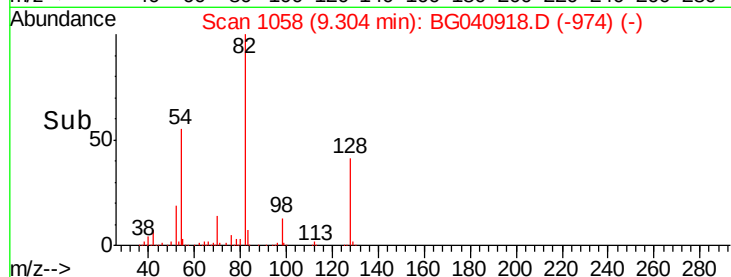
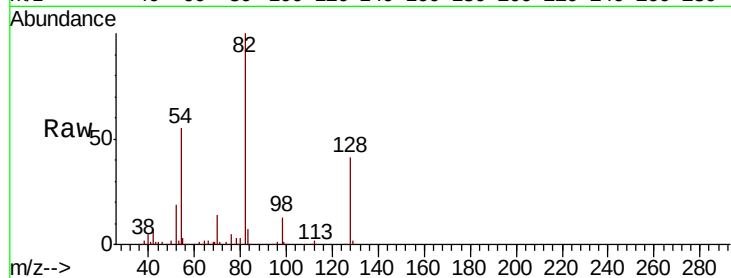




#23
 Nitrobenzene-d5
 Concen: 72.554 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.04 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

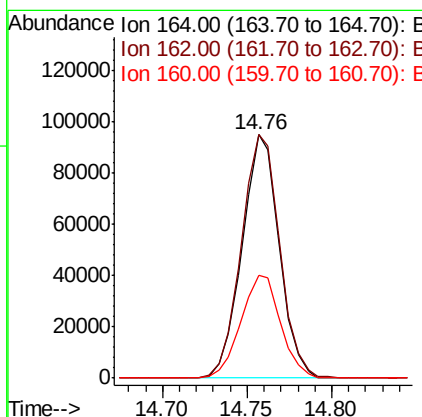
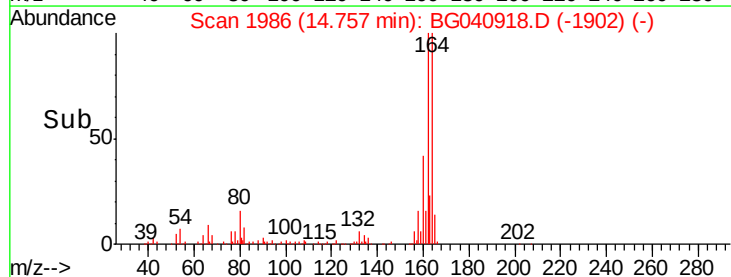
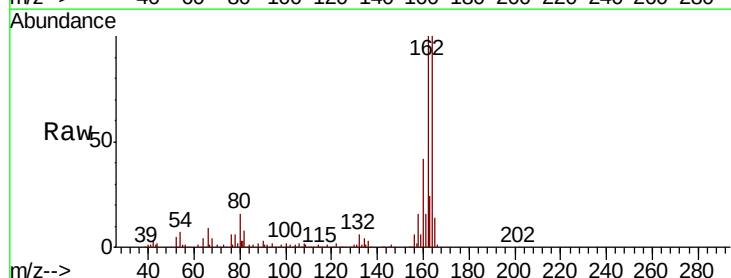
Instrument :
 BNA_G
 ClientSampleId :
 11-B2

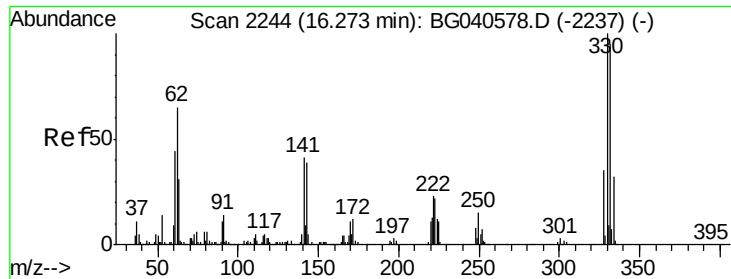
Tgt Ion:	82	Resp:	286108
Ion	Ratio	Lower	Upper
82	100		
128	40.5	28.9	43.3
54	54.6	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.04 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

Tgt Ion:	164	Resp:	144430
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.9	122.9
160	42.5	35.4	53.2

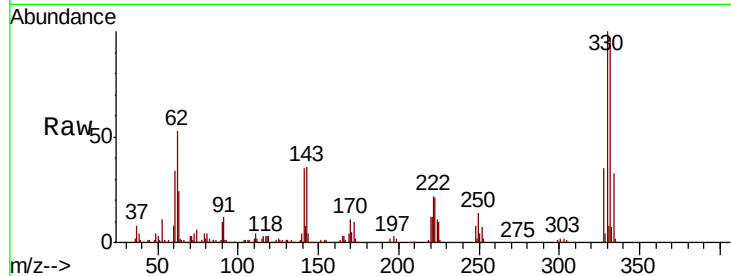




#42
 2,4,6-Tribromophenol
 Concen: 127.382 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 11-B2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	75.9	113.9
141	34.6	32.4	48.6

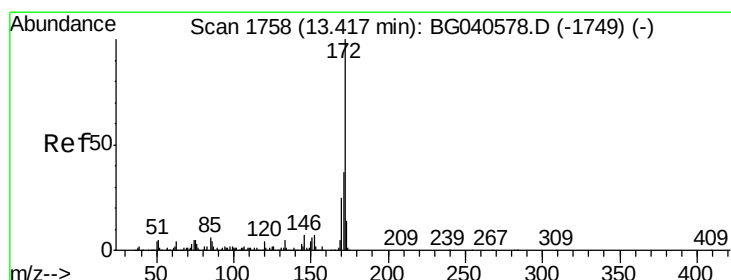
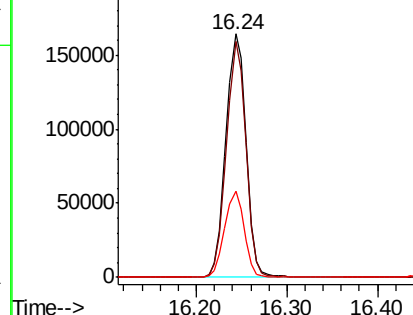
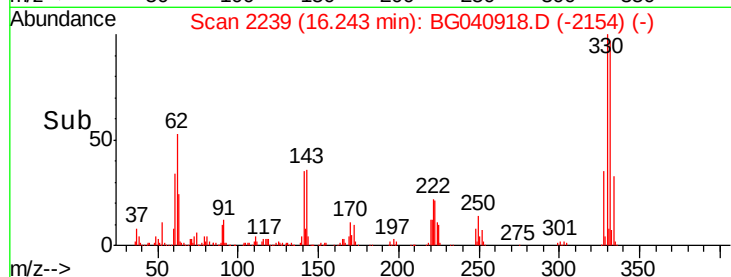


Abundance

Ion 329.80 (329.50 to 330.50): E

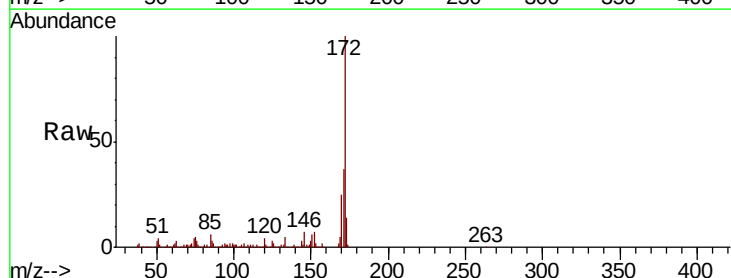
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.605 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	24.6	19.9	29.9

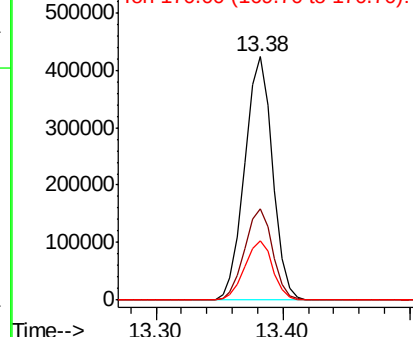
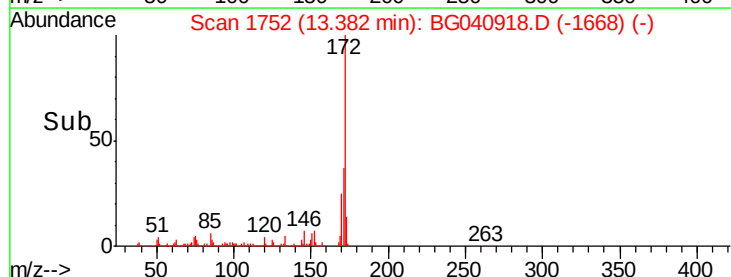


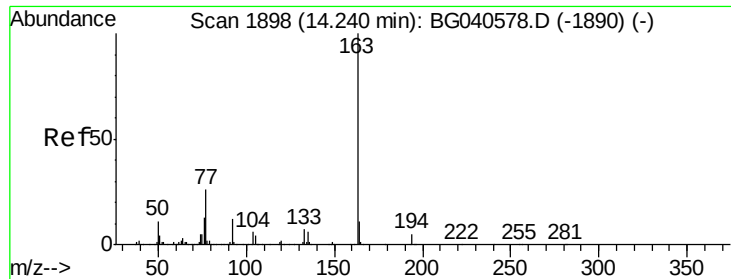
Abundance

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

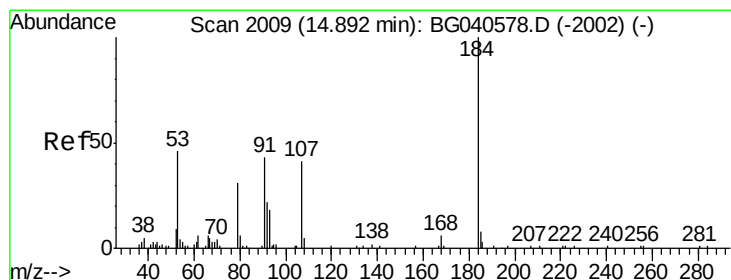
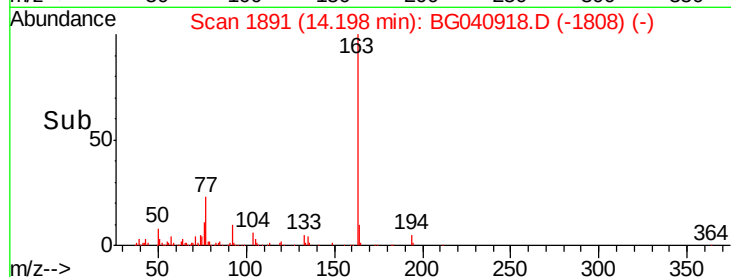
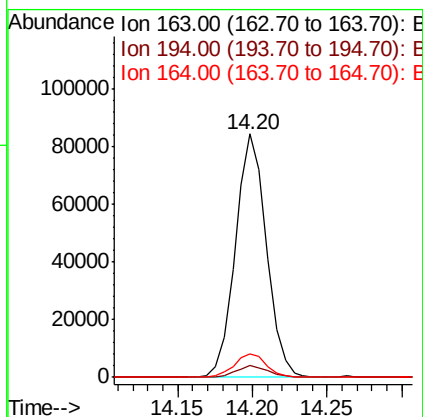
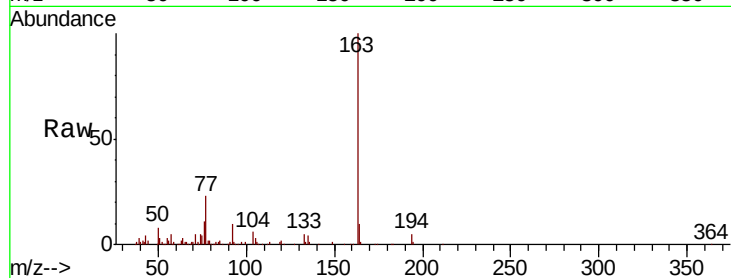




#50
Dimethylphthalate
Concen: 10.050 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040918.D
Acq: 13 May 2019 19:26

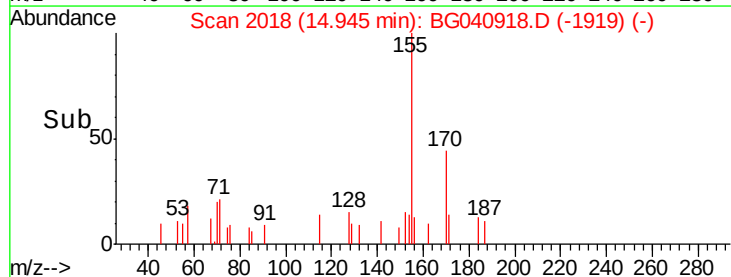
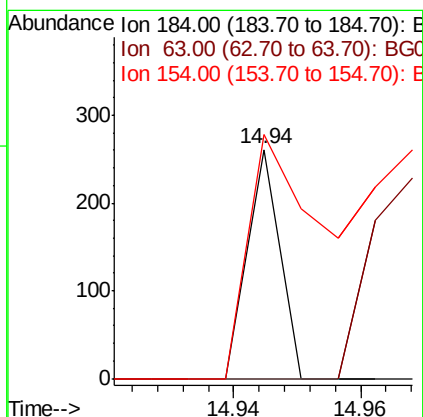
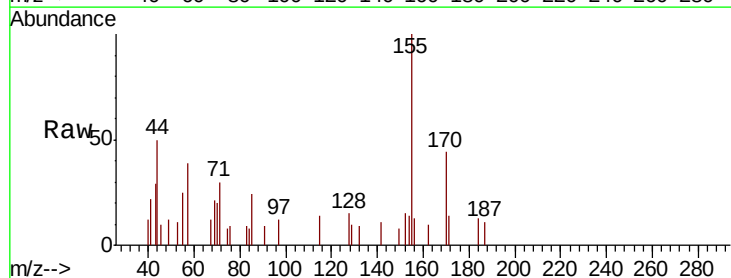
Instrument :
BNA_G
ClientSampleId :
11-B2

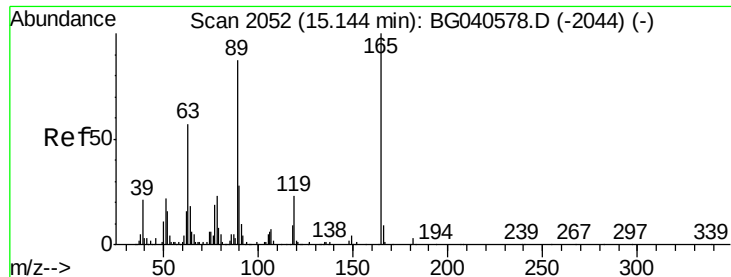
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	9.7	8.8	13.2



#54
2,4-Dinitrophenol
Concen: 7.078 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.05 min
Lab File: BG040918.D
Acq: 13 May 2019 19:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	106.5	43.6	65.4#





#57

2,4-Dinitrotoluene

Concen: 6.010 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.39 min

Lab File: BG040918.D

Acq: 13 May 2019 19:26

Instrument :

BNA_G

ClientSampleId :

11-B2

Tgt Ion:165 Resp: 19260

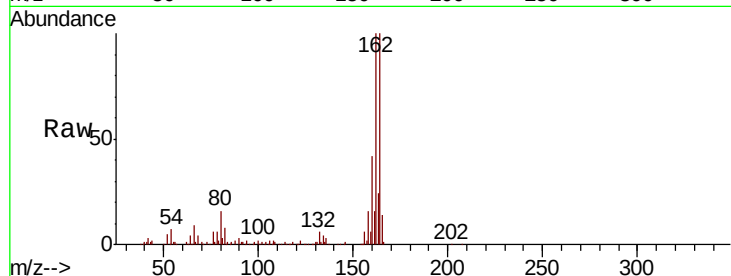
Ion Ratio Lower Upper

165 100

63 1.4 45.8 68.8#

89 0.0 69.4 104.2#

182 0.0 2.2 3.4#

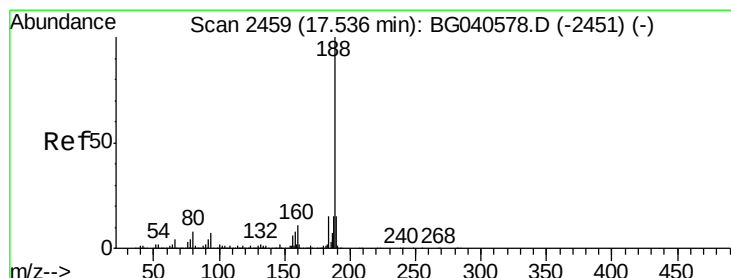
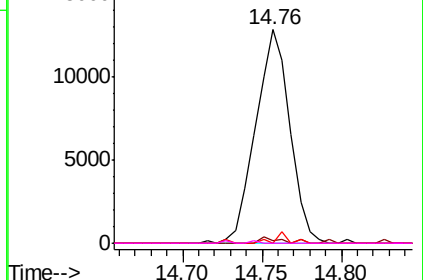
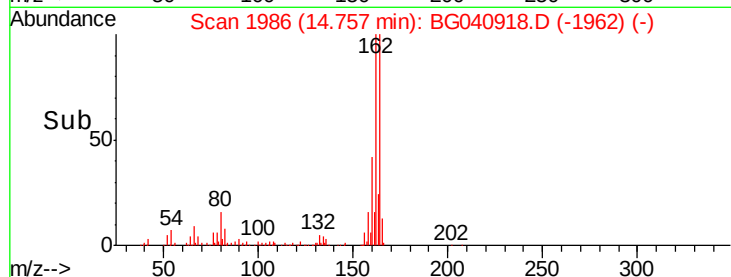


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.50 min Scan# 2453

Delta R.T. -0.04 min

Lab File: BG040918.D

Acq: 13 May 2019 19:26

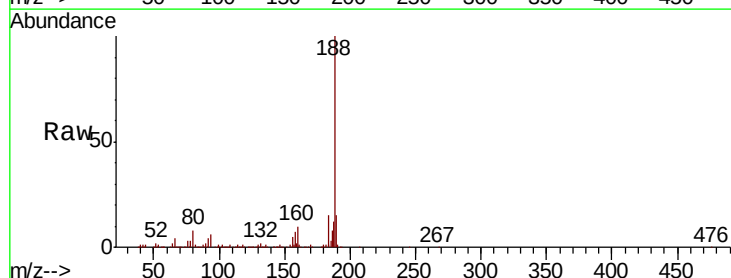
Tgt Ion:188 Resp: 375417

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

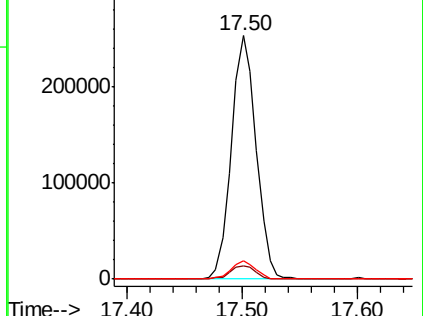
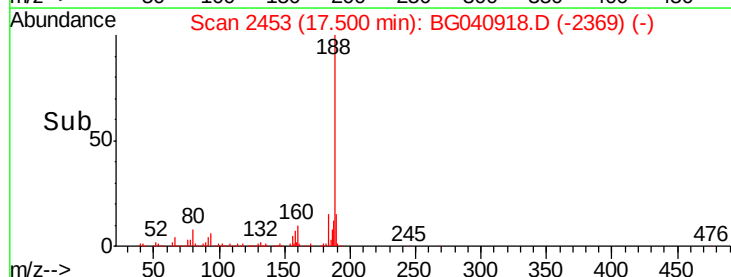
80 7.8 6.4 9.6

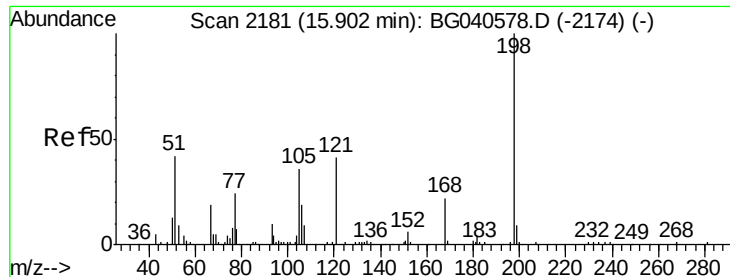


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

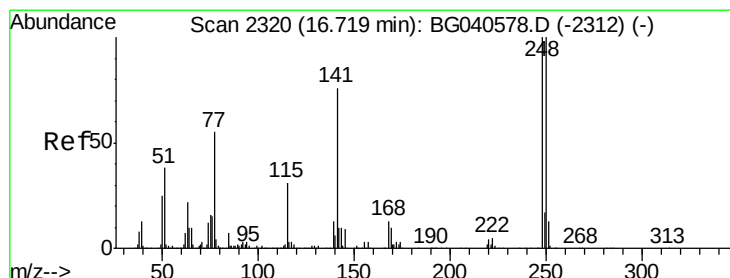
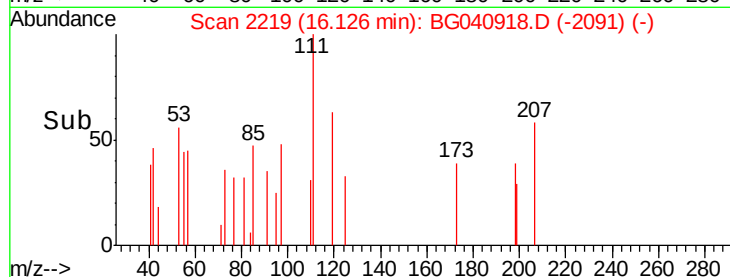
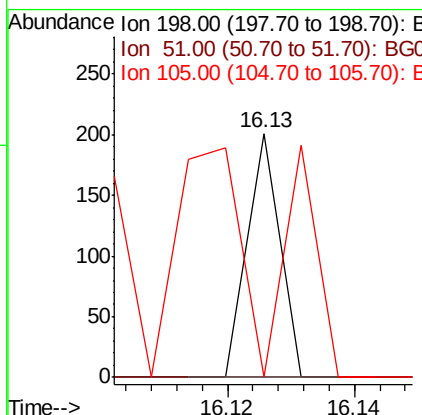
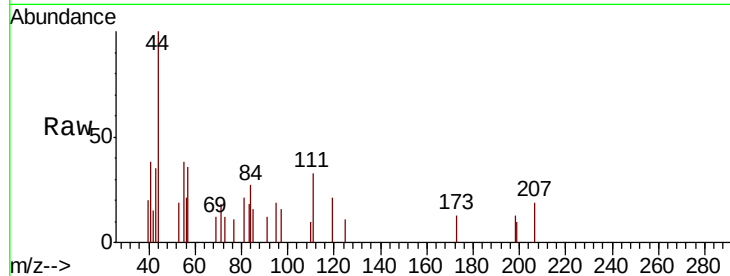




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.134 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. 0.22 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

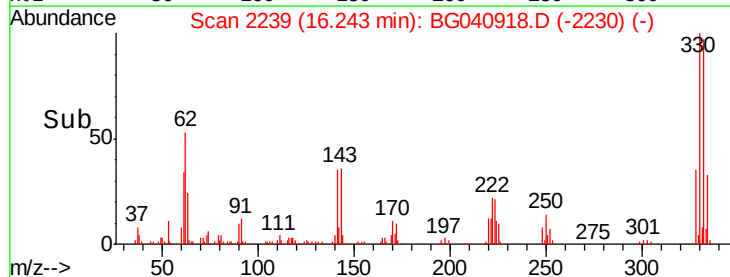
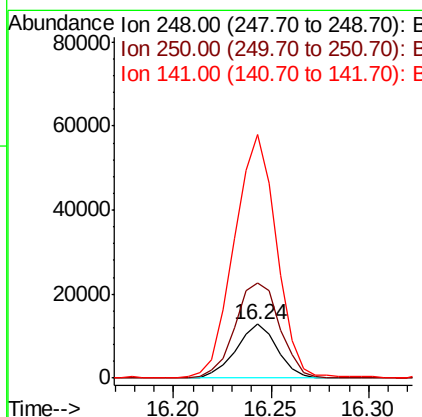
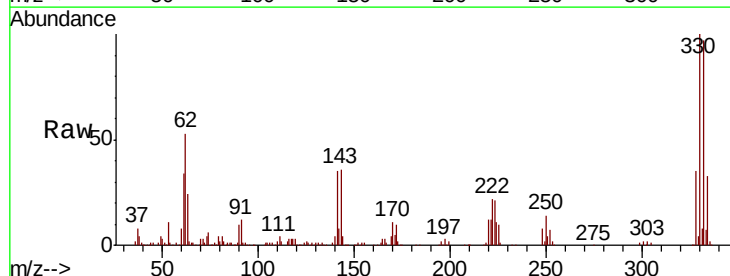
Instrument :
 BNA_G
 ClientSampled :
 11-B2

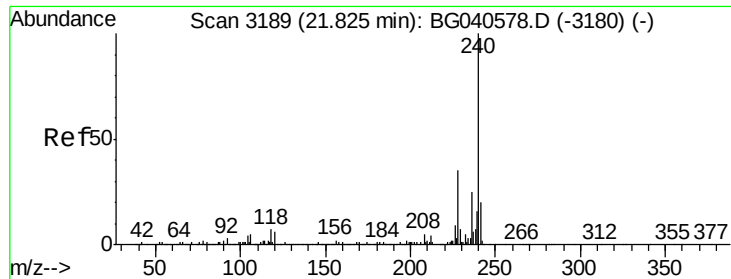
Tgt Ion:198 Resp: 71
 Ion Ratio Lower Upper
 198 100
 51 0.0 35.9 75.9#
 105 0.0 21.2 61.2#



#67
 4-Bromophenyl-phenylether
 Concen: 3.994 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.48 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

Tgt Ion:248 Resp: 18681
 Ion Ratio Lower Upper
 248 100
 250 230.9 79.8 119.6#
 141 451.9 60.8 91.2#

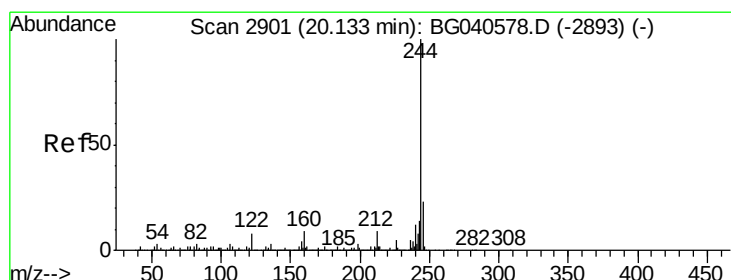
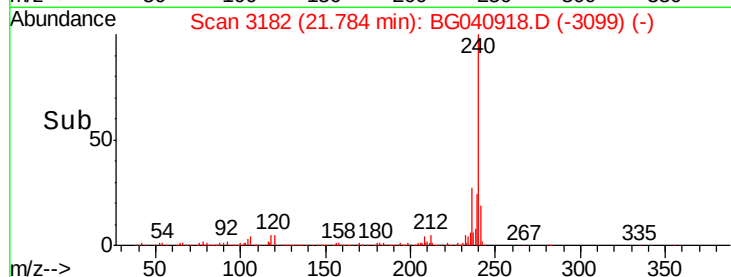
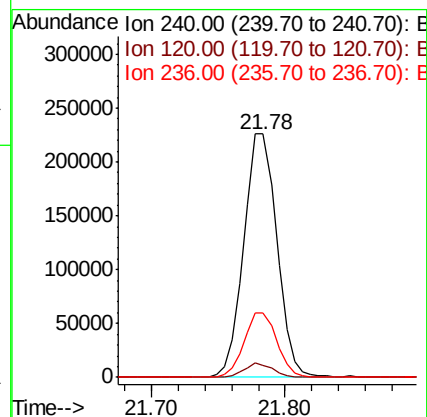
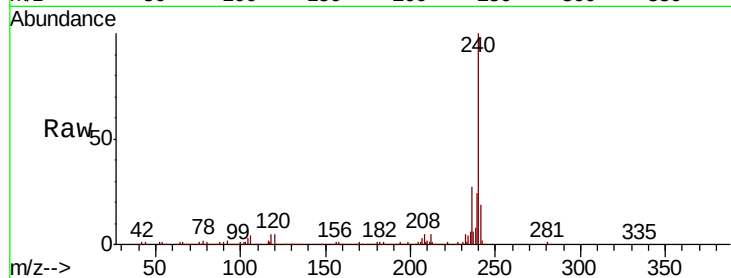




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

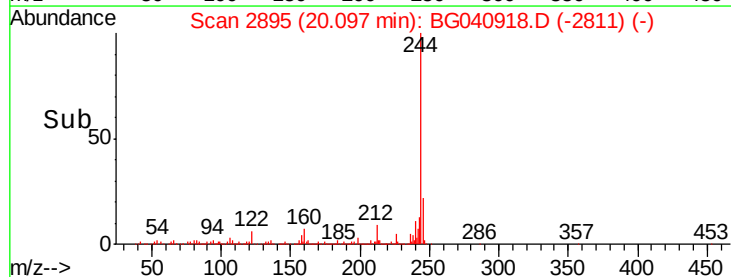
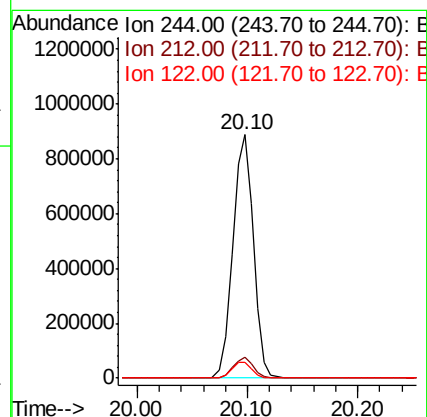
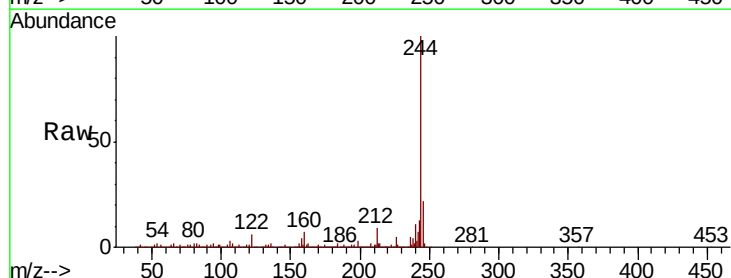
Instrument :
 BNA_G
 ClientSampleId :
 11-B2

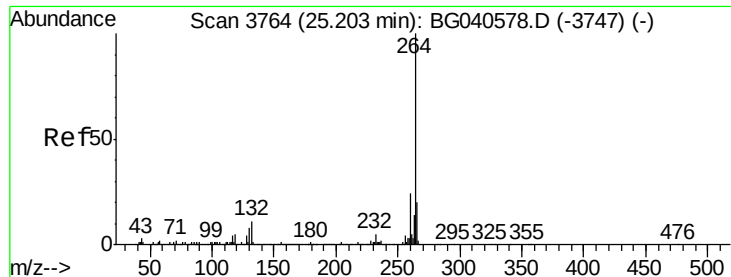
Tgt Ion:240 Resp: 388366
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.0 7.6
 236 26.6 20.3 30.5



#79
 Terphenyl-d14
 Concen: 66.049 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. -0.04 min
 Lab File: BG040918.D
 Acq: 13 May 2019 19:26

Tgt Ion:244 Resp: 1157843
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.2 10.8
 122 6.4 6.6 10.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040918.D
Acq: 13 May 2019 19:26

Instrument :
BNA_G
ClientSampleId :
11-B2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.6	25.0

