

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
 Data File : BG040830.D
 Acq On : 10 May 2019 00:12
 Operator : HP/JU
 Sample : K2762-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS004-0206-01

Quant Time: May 10 06:24:28 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

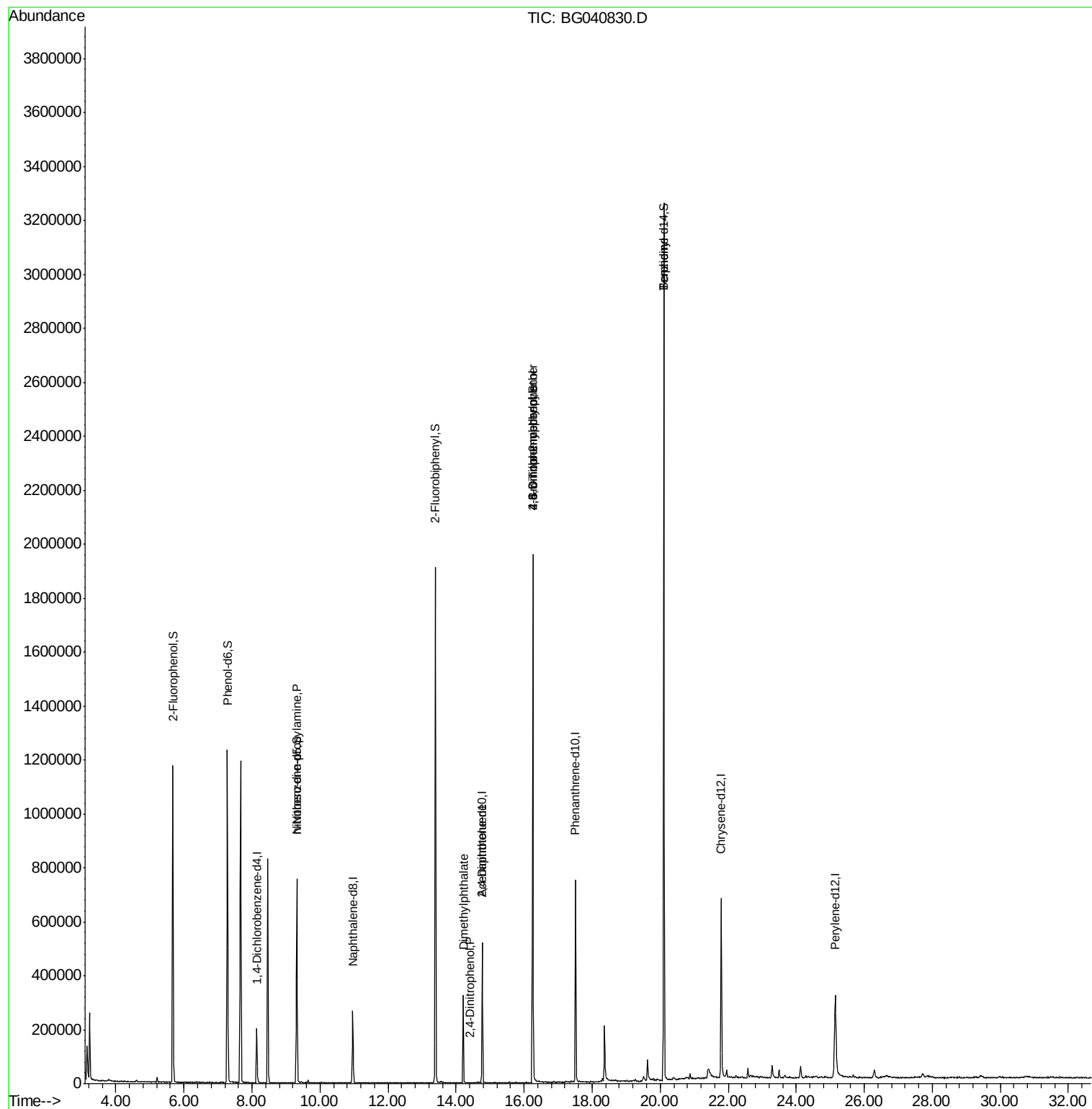
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	51837	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	217842	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	171090	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	453619	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	434815	20.00	ng	-0.03
87) Perylene-d12	25.14	264	403209	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	430658	146.45	ng	-0.01
7) Phenol-d6	7.28	99	652851	144.19	ng	-0.01
23) Nitrobenzene-d5	9.32	82	455830	96.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	352859	150.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	940582	79.40	ng	-0.02
79) Terphenyl-d14	20.11	244	1578426	80.42	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.27	77	1682	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	66826	16.396	ng	# 75
50) Dimethylphthalate	14.21	163	196062	13.697	ng	100
54) 2,4-Dinitrophenol	14.41	184	106	7.076	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	22689	5.977	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.25	198	1502	7.674	ng	# 29
67) 4-Bromophenyl-phenylether	16.25	248	26743	4.732	ng	# 1
77) Benzidine	20.11	184	28124	2.362	ng	96

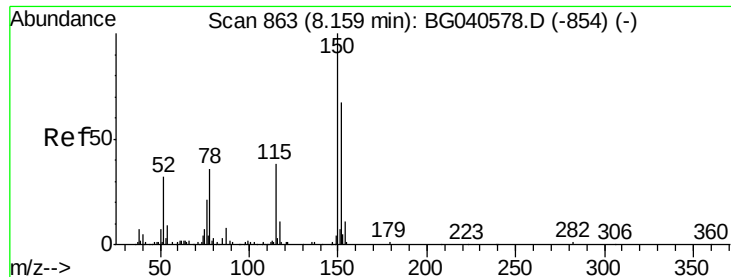
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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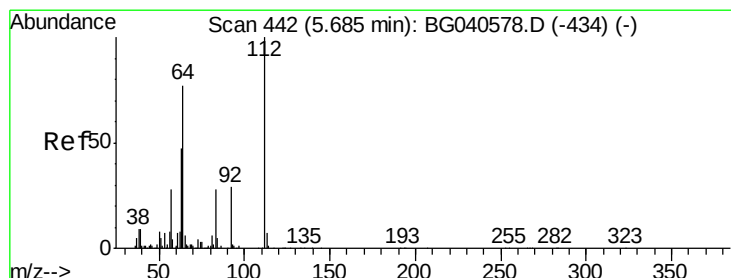
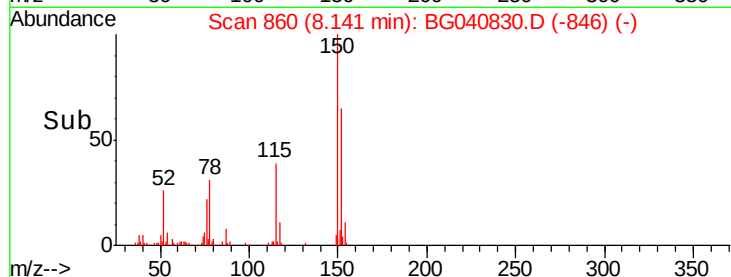
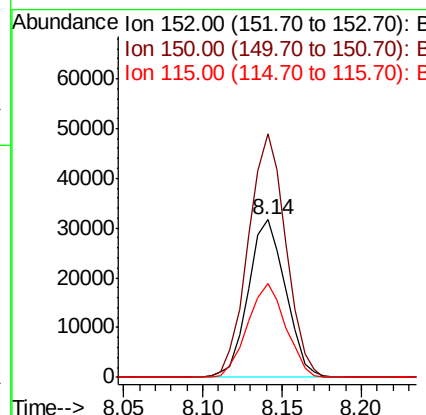
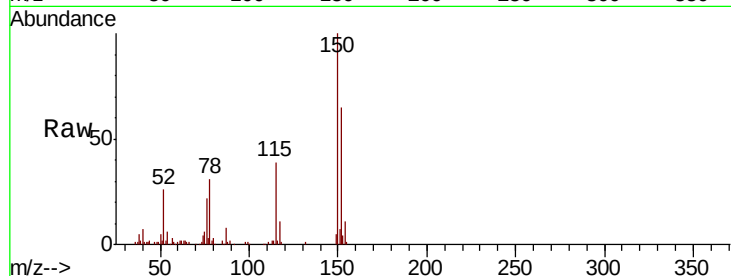


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0206-01

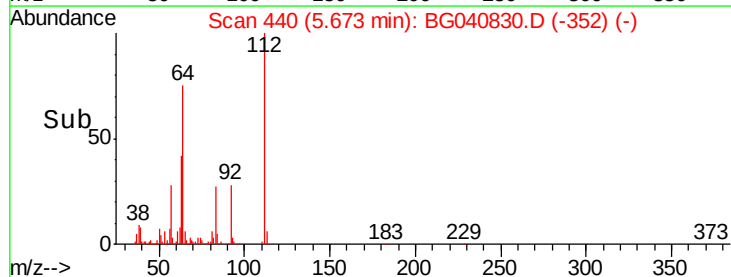
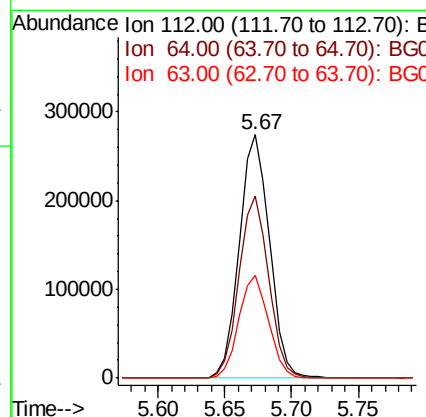
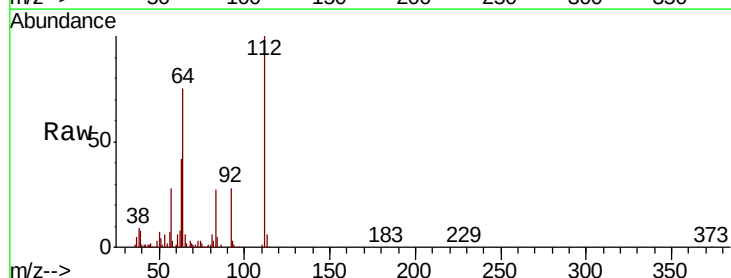
Tgt Ion:152 Resp: 51837
Ion Ratio Lower Upper
152 100
150 154.3 120.2 180.2
115 59.7 46.2 69.2

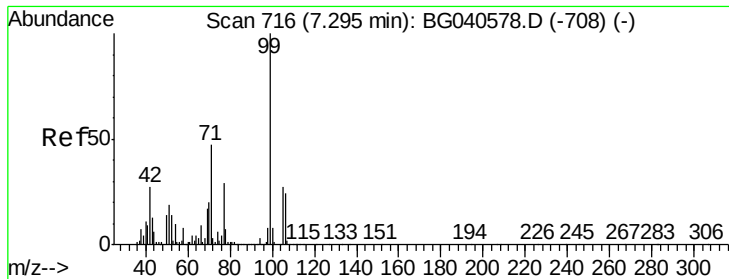


#5

2-Fluorophenol
Concen: 146.449 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

Tgt Ion:112 Resp: 430658
Ion Ratio Lower Upper
112 100
64 74.6 61.4 92.0
63 42.4 37.8 56.6





#7

Phenol-d6

Concen: 144.187 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

Instrument :

BNA_G

ClientSampleId :

P021-SS004-0206-01

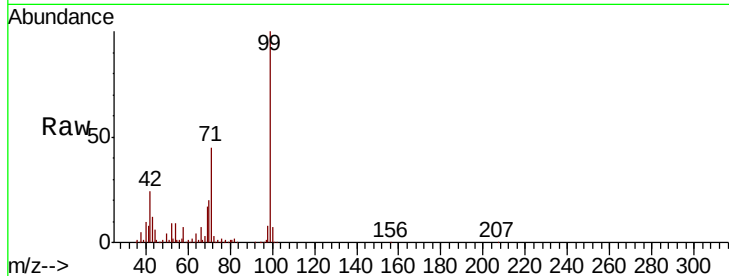
Tgt Ion: 99 Resp: 652851

Ion Ratio Lower Upper

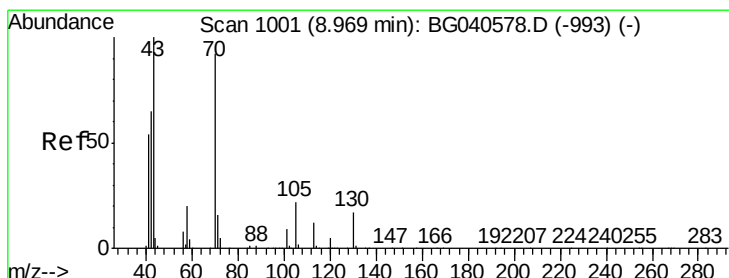
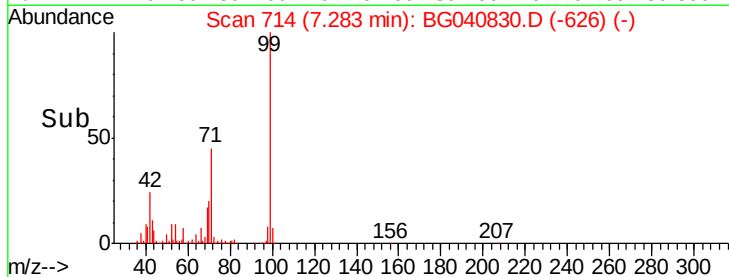
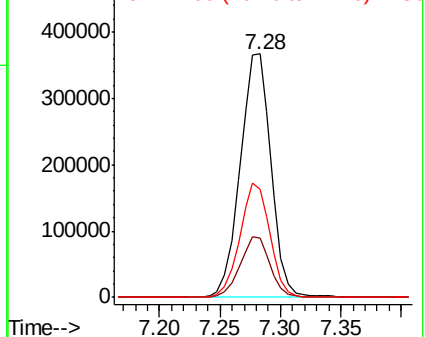
99 100

42 24.4 21.8 32.8

71 44.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.396 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

Tgt Ion: 70 Resp: 66826

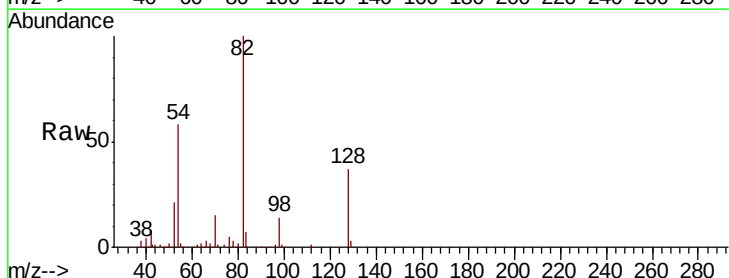
Ion Ratio Lower Upper

70 100

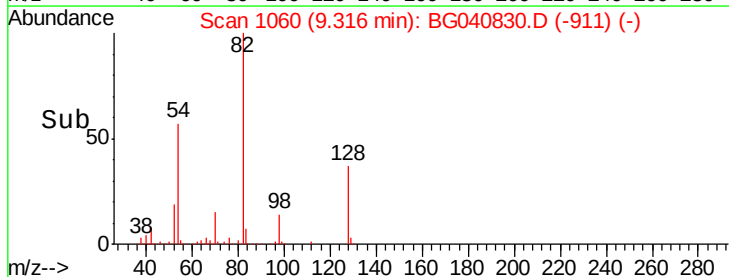
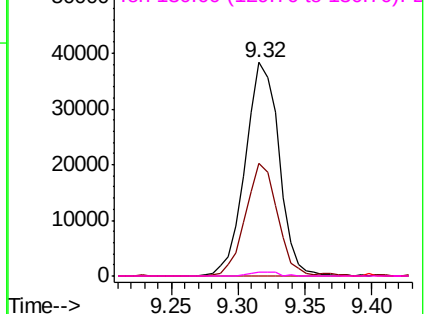
42 52.9 57.1 85.7#

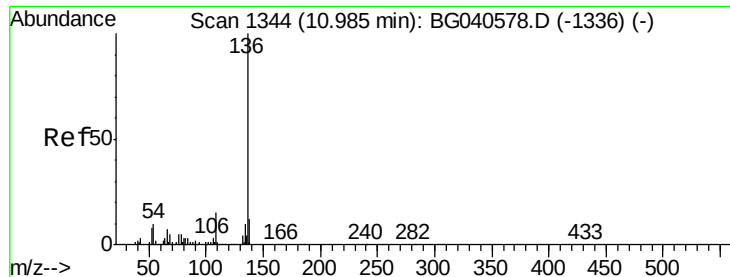
101 0.0 7.8 11.8#

130 1.8 14.6 21.8#



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

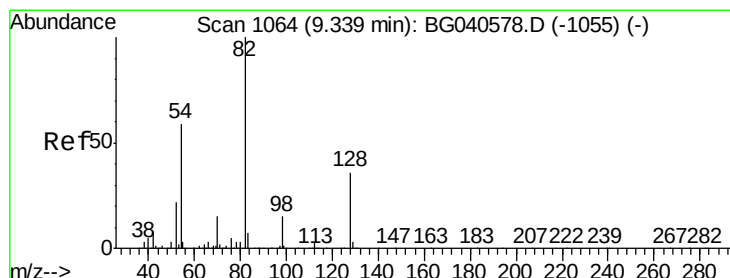
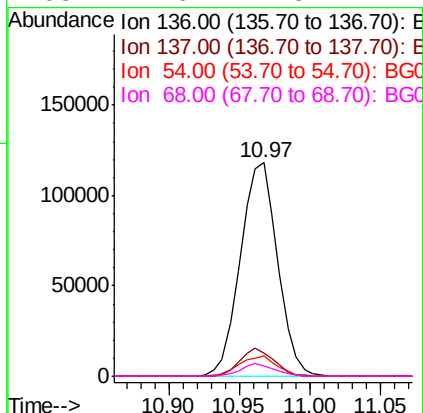
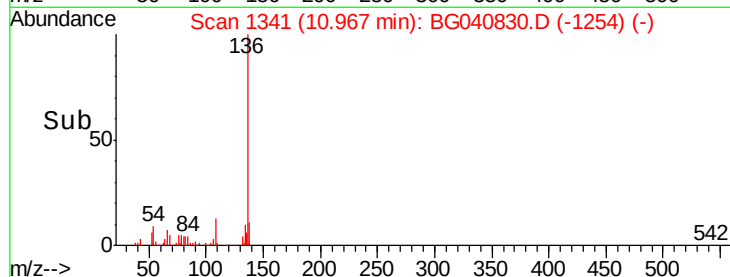
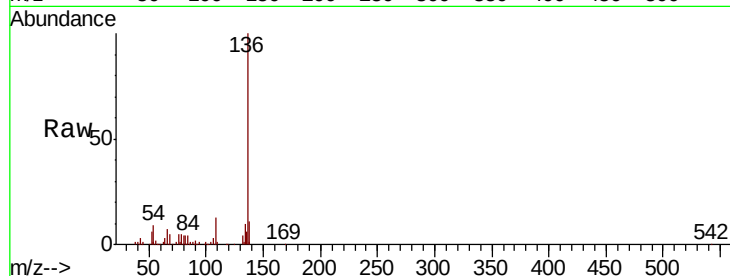




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

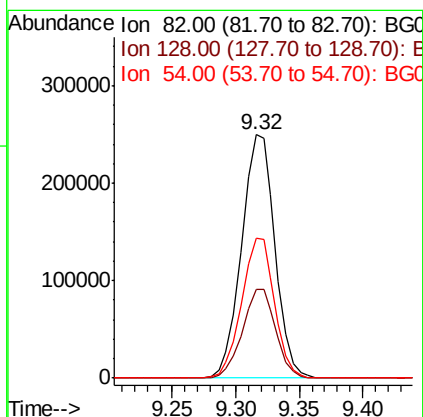
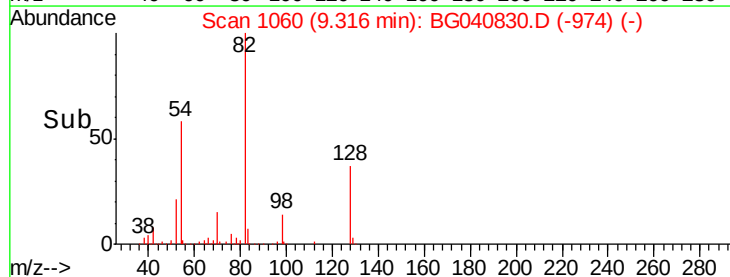
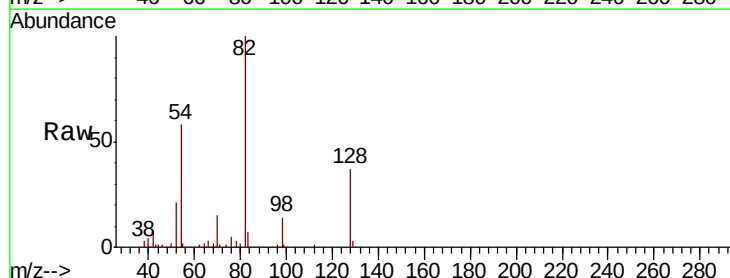
Instrument :
BNA_G
ClientSampleId :
P021-SS004-0206-01

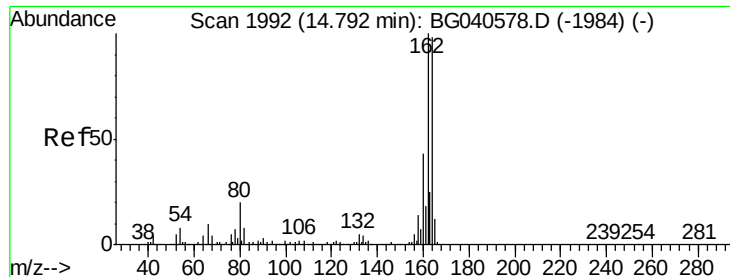
Tgt Ion:	136	Resp:	217842
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.7	14.5
54	9.3	8.6	12.8
68	4.6	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 96.686 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

Tgt Ion:	82	Resp:	455830
Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	57.7	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: BG040830.D

Acq: 10 May 2019 00:12

Instrument :

BNA_G

ClientSampleId :

P021-SS004-0206-01

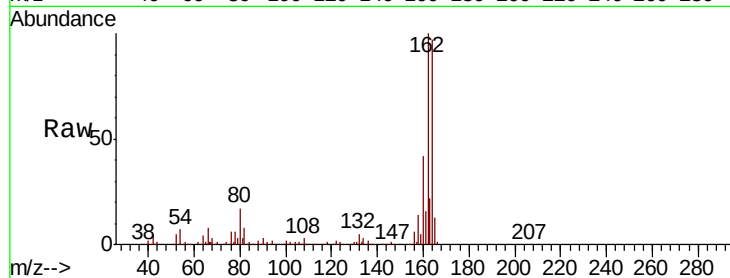
Tgt Ion:164 Resp: 171090

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

160 43.2 35.4 53.2

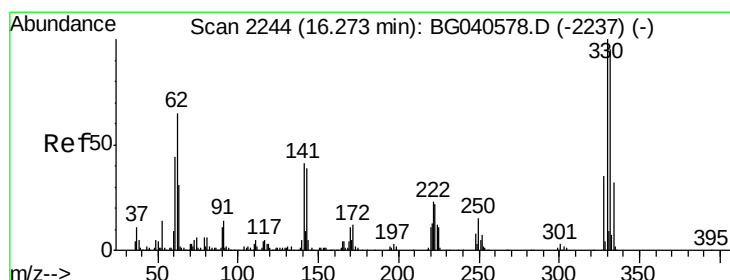
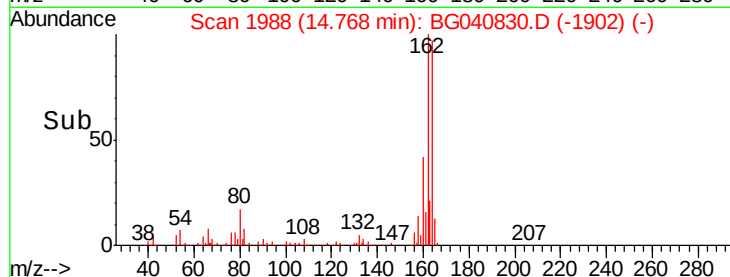
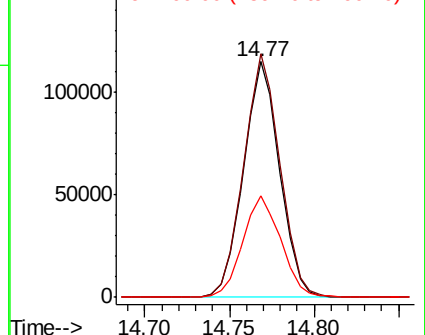


Abundance

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: 150.046 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

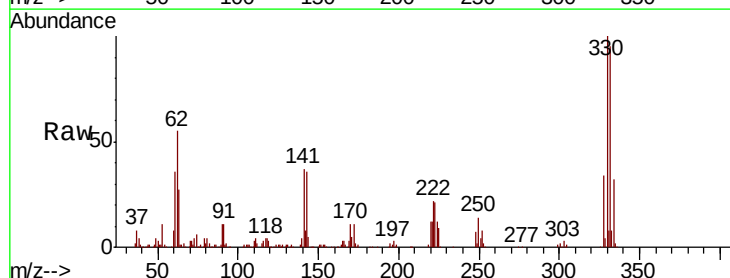
Tgt Ion:330 Resp: 352859

Ion Ratio Lower Upper

330 100

332 94.9 75.9 113.9

141 36.6 32.4 48.6

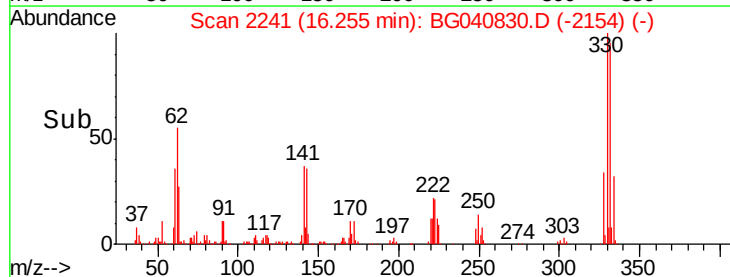
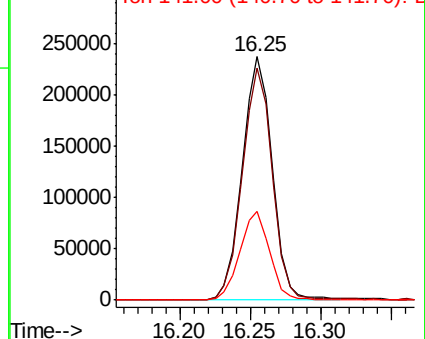


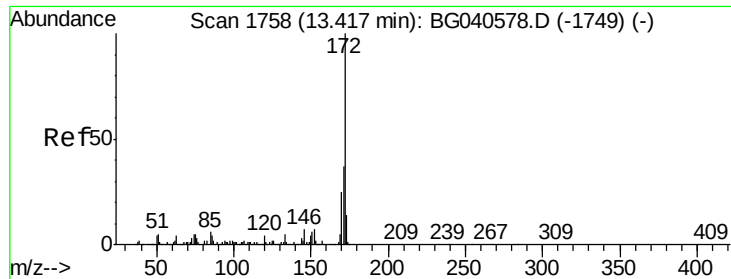
Abundance

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

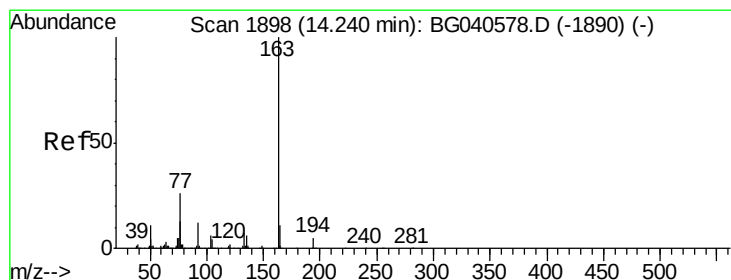
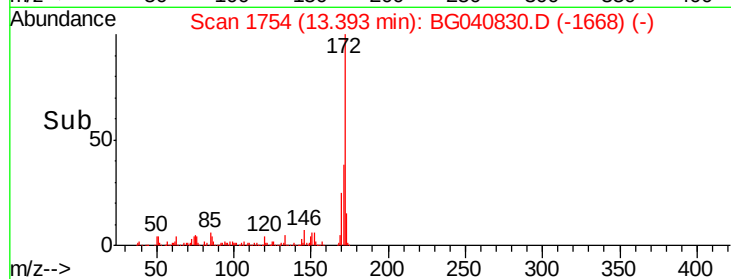
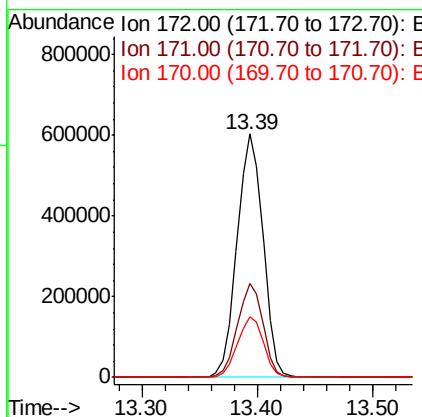
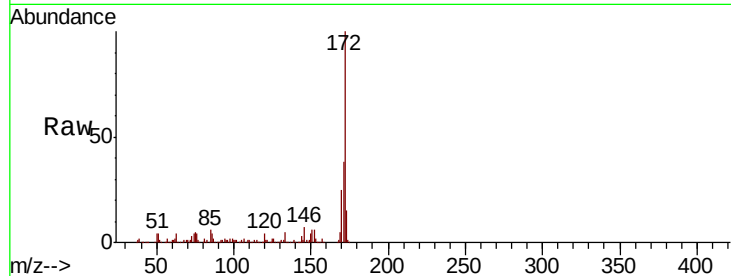




#45
 2-Fluorobiphenyl
 Concen: 79.396 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

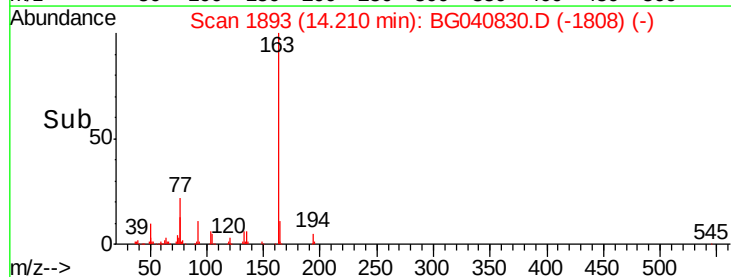
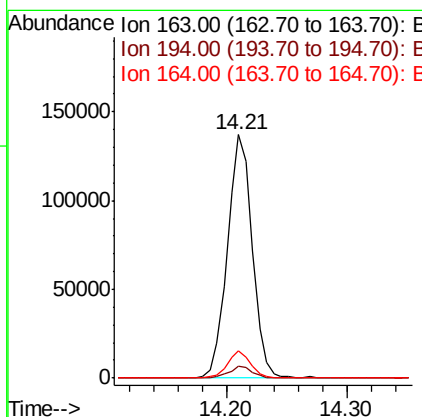
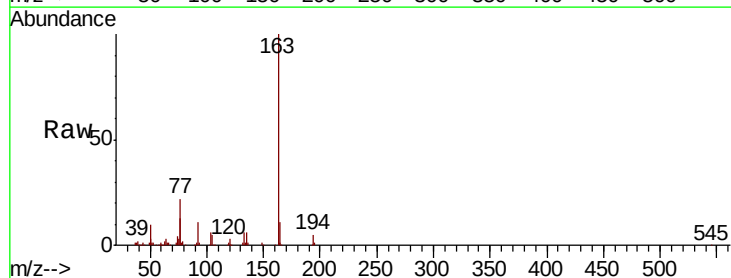
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 BNA_G
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 P021-SS004-0206-01

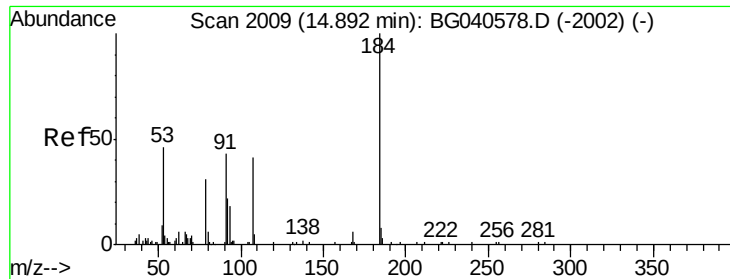
Tgt Ion:	172	Resp:	940582
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.8	19.9	29.9



#50
 Dimethylphthalate
 Concen: 13.697 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

Tgt Ion:	163	Resp:	196062
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	11.0	8.8	13.2

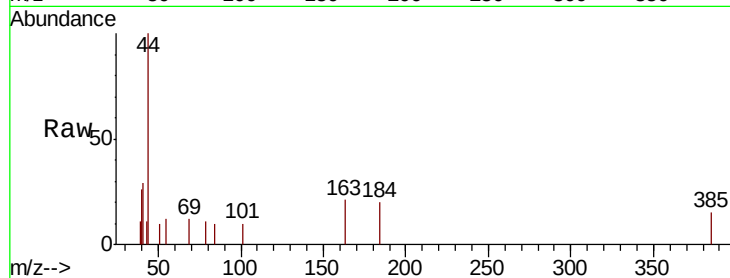




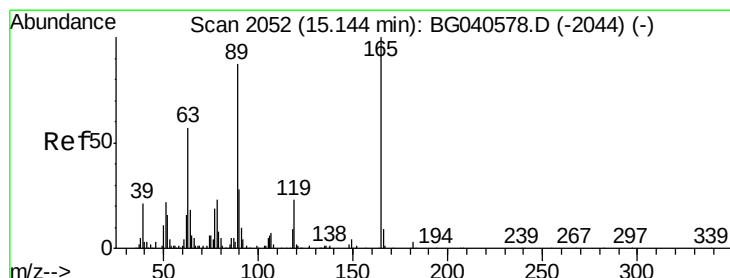
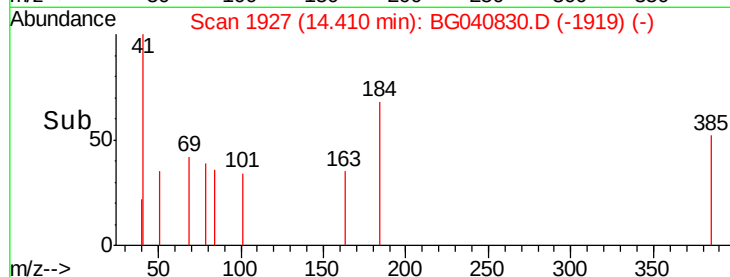
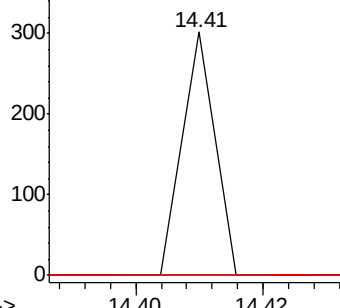
#54
2,4-Dinitrophenol
Concen: 7.076 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.48 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0206-01

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

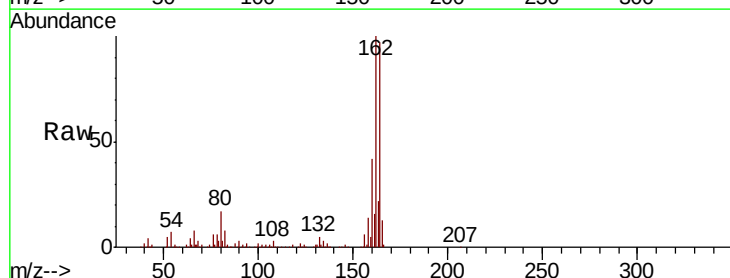


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

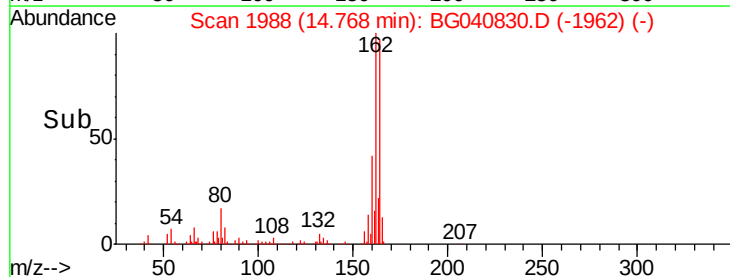
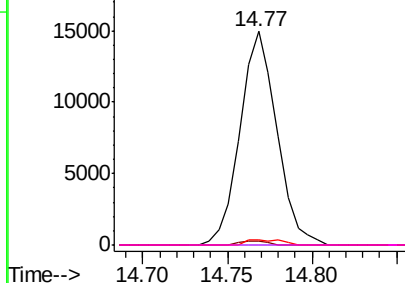


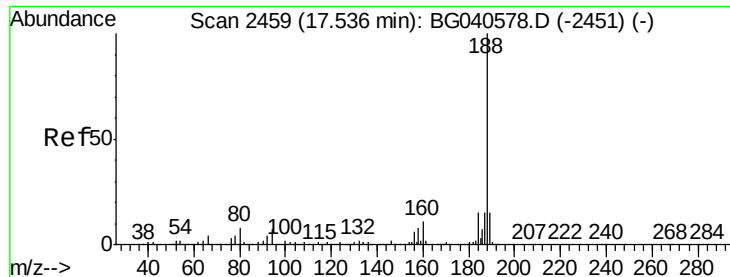
#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040830.D
Acq: 10 May 2019 00:12

Tgt Ion:165 Resp: 22689
Ion Ratio Lower Upper
165 100
63 1.7 45.8 68.8#
89 2.3 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

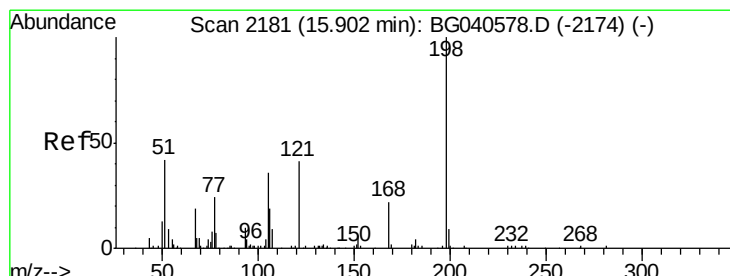
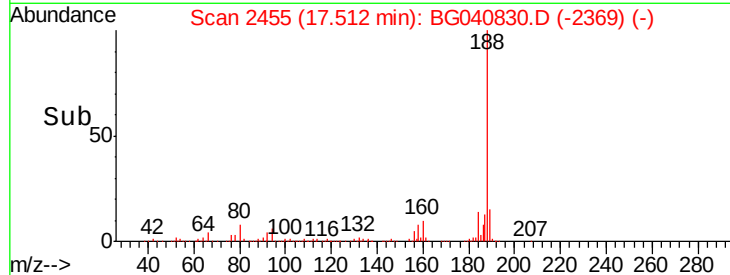
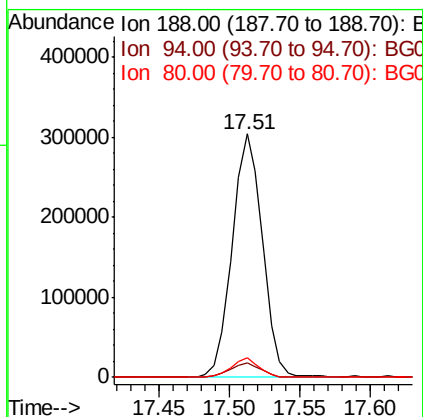
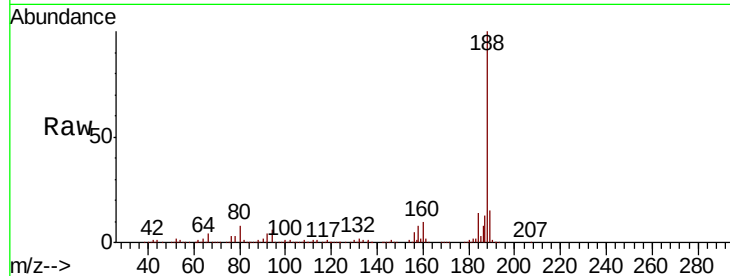




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

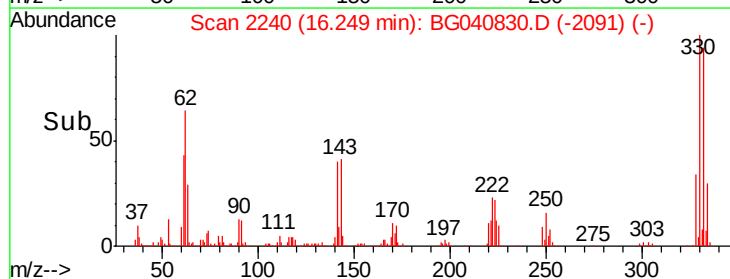
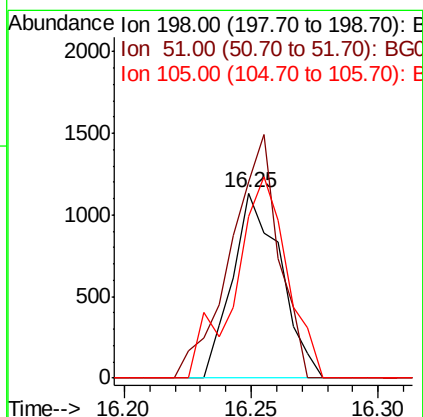
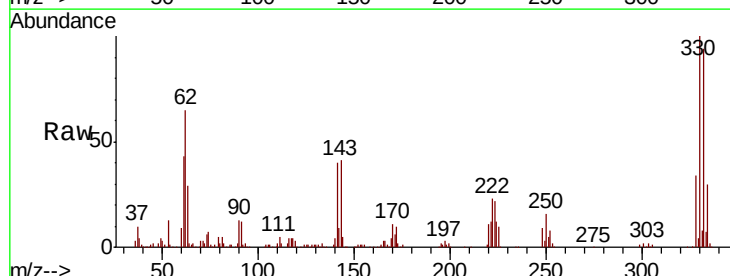
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS004-0206-01

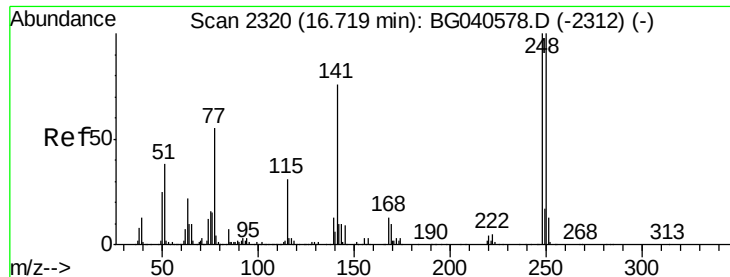
Tgt Ion:	188	Resp:	453619
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	8.2	6.4	9.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.674 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

Tgt Ion:	198	Resp:	1502
Ion	Ratio	Lower	Upper
198	100		
51	106.3	35.9	75.9#
105	87.1	21.2	61.2#

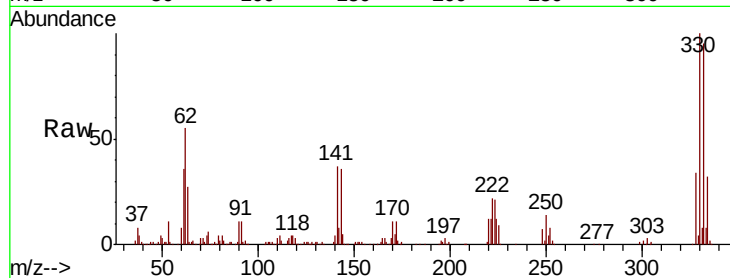




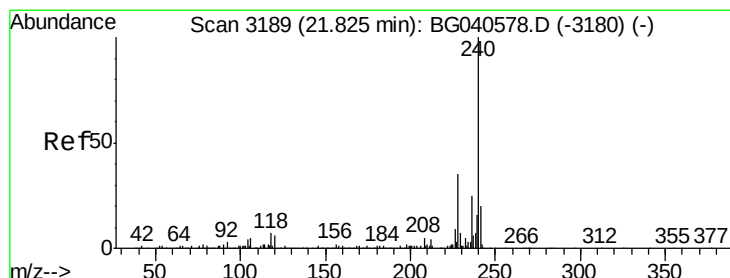
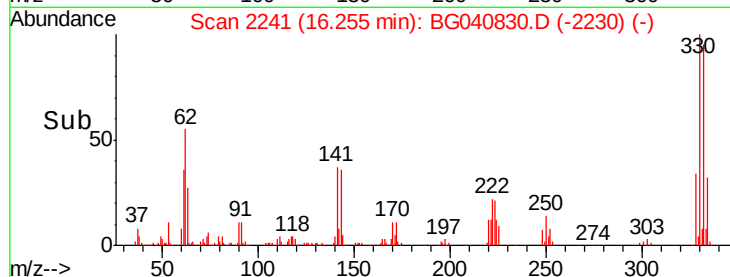
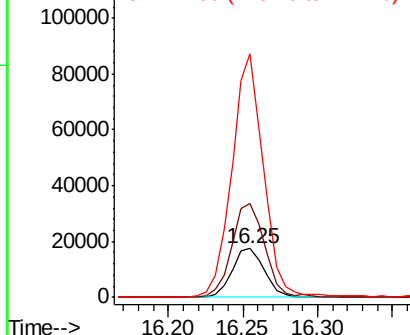
#67
 4-Bromophenyl-phenylether
 Concen: 4.732 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS004-0206-01

Tgt Ion:248 Resp: 26743
 Ion Ratio Lower Upper
 248 100
 250 193.0 79.8 119.6#
 141 501.8 60.8 91.2#

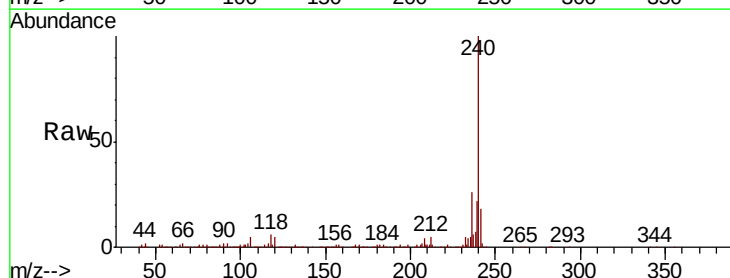


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

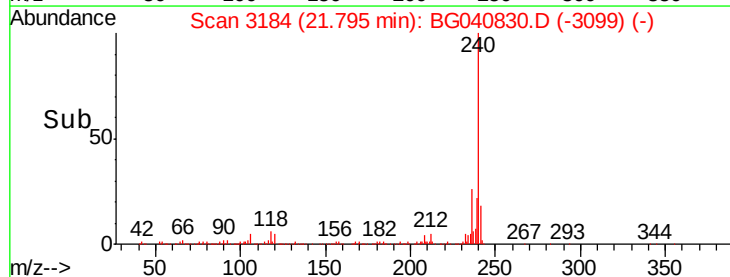
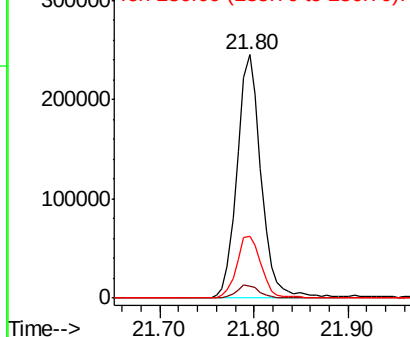


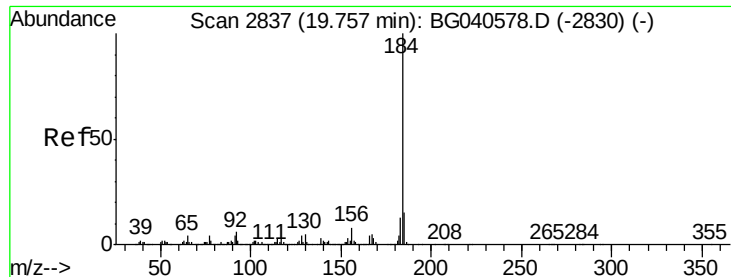
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040830.D
 Acq: 10 May 2019 00:12

Tgt Ion:240 Resp: 434815
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.0 7.6
 236 25.5 20.3 30.5



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





#77

Benzidine

Concen: 2.362 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

Instrument :

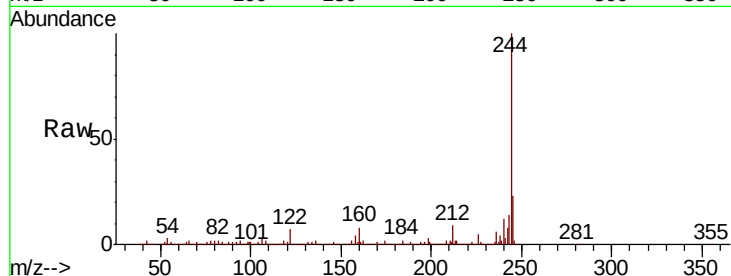
BNA_G

ClientSampleId :

P021-SS004-0206-01

Tgt Ion:184 Resp: 28124

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	10.3	10.2	15.2

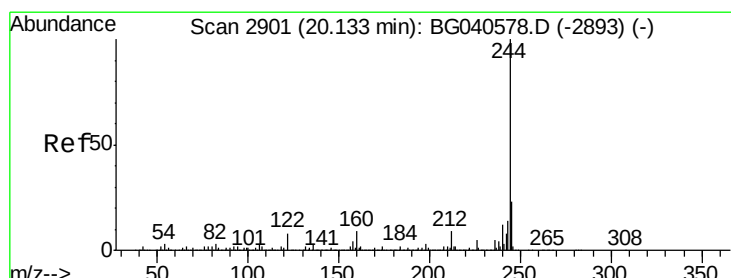
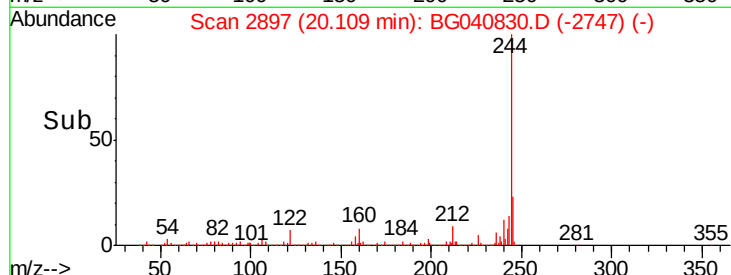
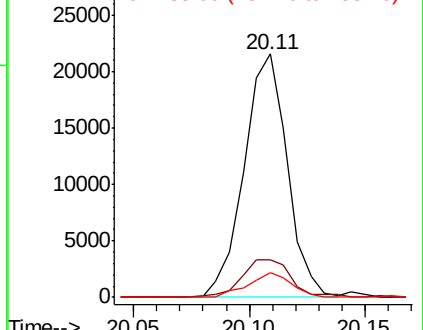


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.422 ng

RT: 20.11 min Scan# 2897

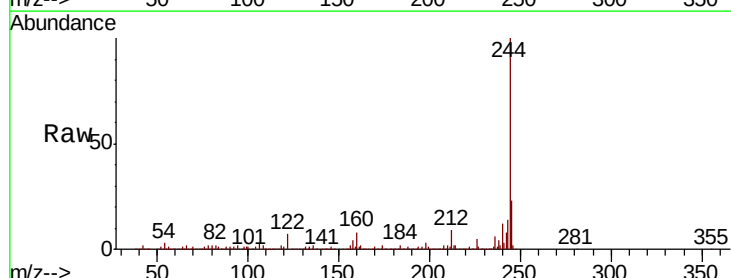
Delta R.T. -0.02 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

Tgt Ion:244 Resp: 1578426

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.4	6.6	10.0

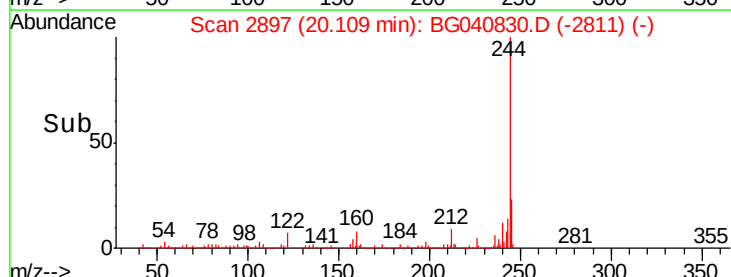
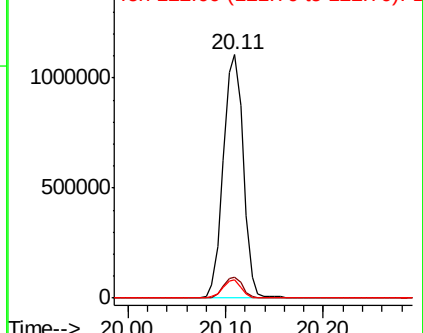


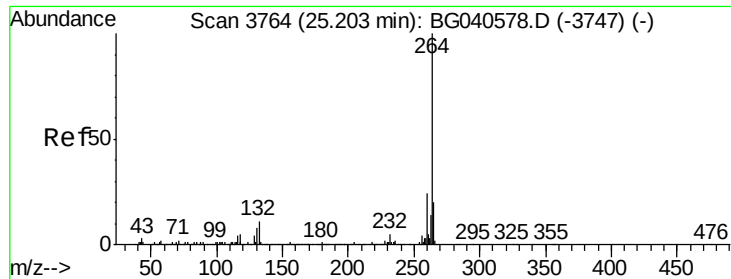
Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040830.D

Acq: 10 May 2019 00:12

Instrument :

BNA_G

ClientSampleId :

P021-SS004-0206-01

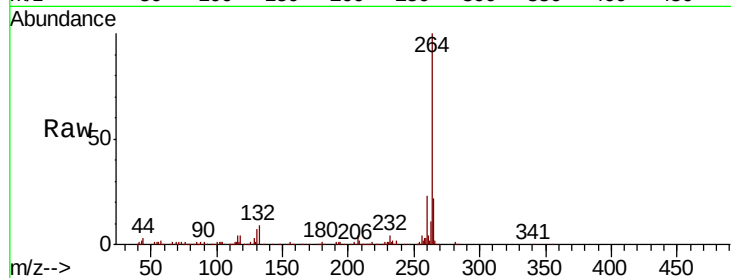
Tgt Ion: 264 Resp: 403209

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 16.6 25.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

