

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040868.D
 Acq On : 11 May 2019 5:32
 Operator : HP/JU
 Sample : K2749-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: May 11 07:04:44 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

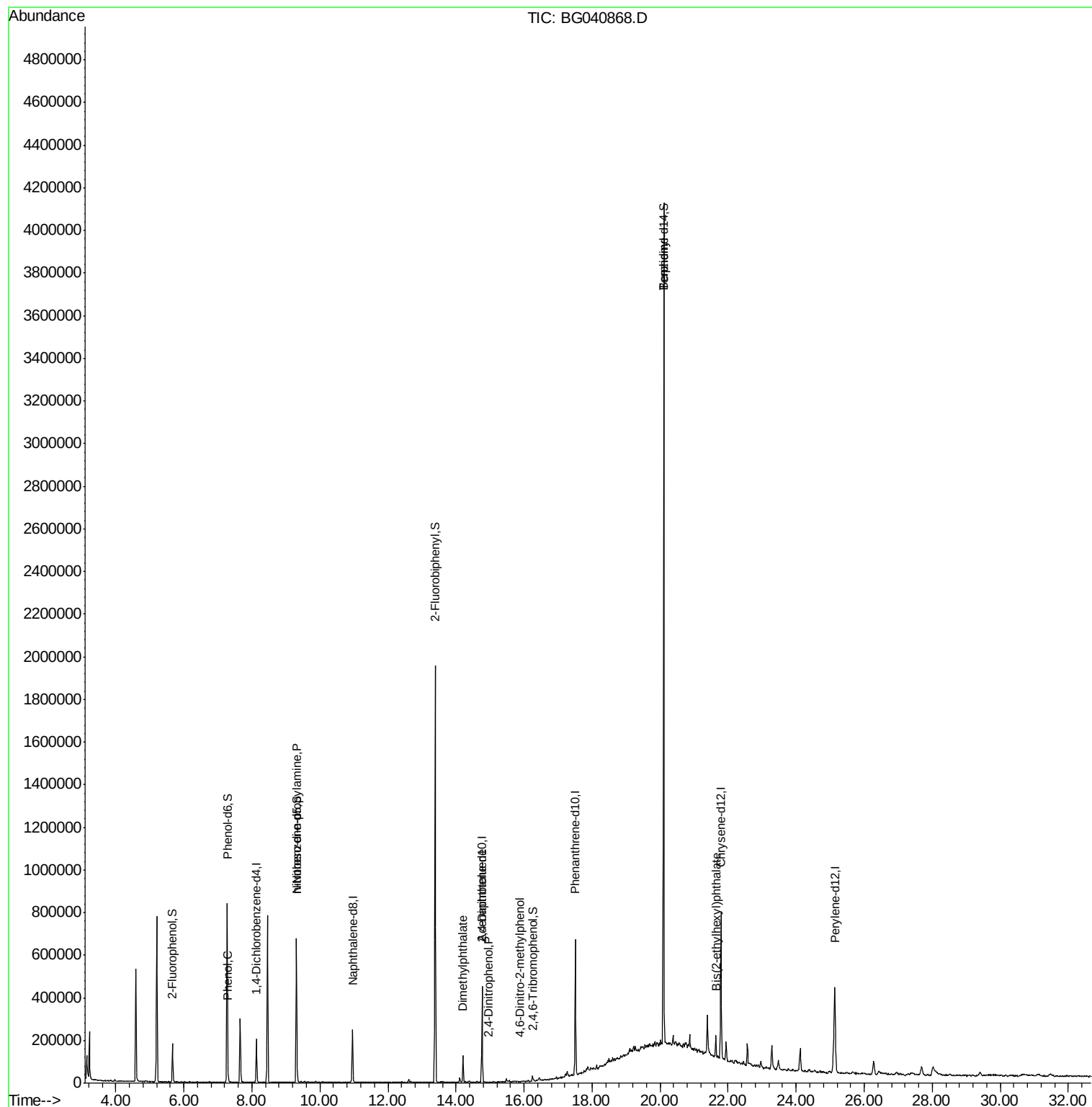
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51032	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	200264	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	151536	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	401548	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	418571	20.00	ng	-0.04
87) Perylene-d12	25.13	264	456562	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	72016	24.88	ng	-0.02
7) Phenol-d6	7.27	99	428966	96.24	ng	-0.02
23) Nitrobenzene-d5	9.31	82	412978	95.29	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	4987	2.39	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	983829	93.76	ng	-0.03
79) Terphenyl-d14	20.11	244	1785944	94.53	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.26	77	869	Below Cal		Qvalue # 6
10) Phenol	7.30	94	14947	3.119	ng	93
19) n-Nitroso-di-n-propylamine	9.31	70	59989	14.950	ng	# 70
50) Dimethylphthalate	14.20	163	81159	6.401	ng	# 95
54) 2,4-Dinitrophenol	14.95	184	65	7.057	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	19144	5.693	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.88	198	57	7.126	ng	# 28
77) Benzidine	20.10	184	34749	3.032	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.64	149	42518	2.881	ng	# 96

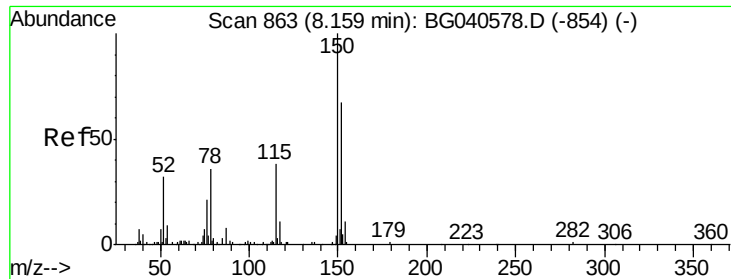
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
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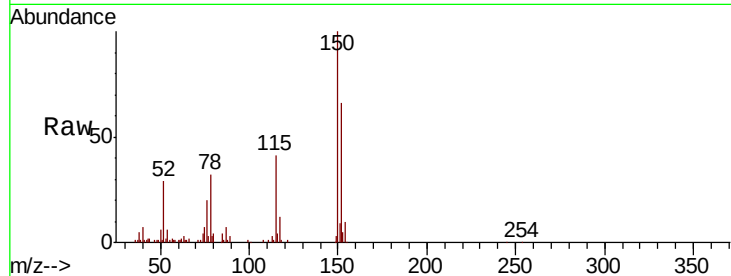


#1

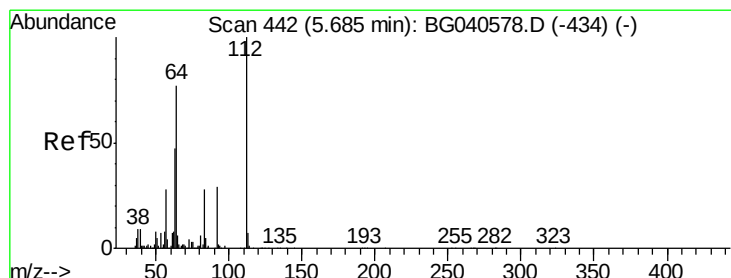
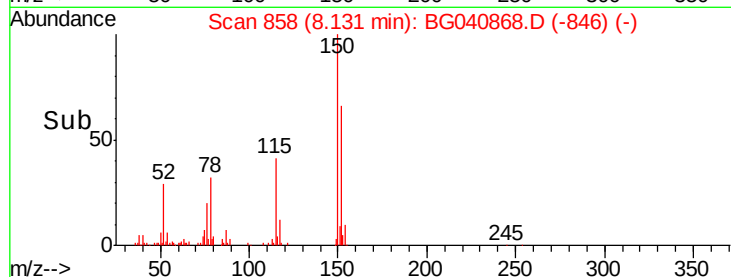
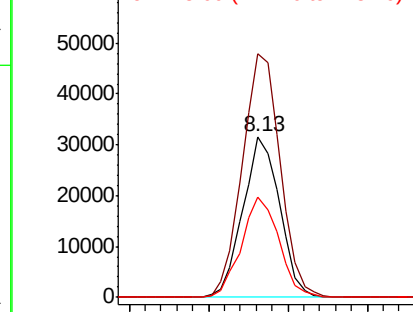
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: BG040868.D
 Acq: 11 May 2019 5:32

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 51032
 Ion Ratio Lower Upper
 152 100
 150 151.3 120.2 180.2
 115 62.2 46.2 69.2



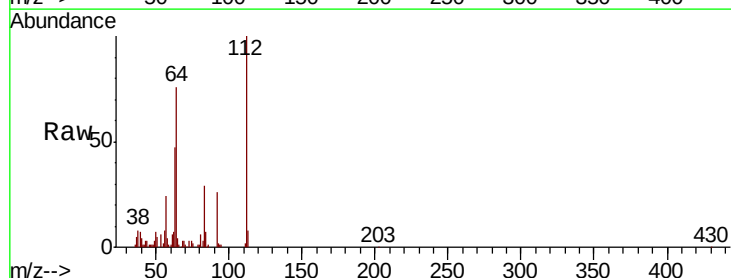
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



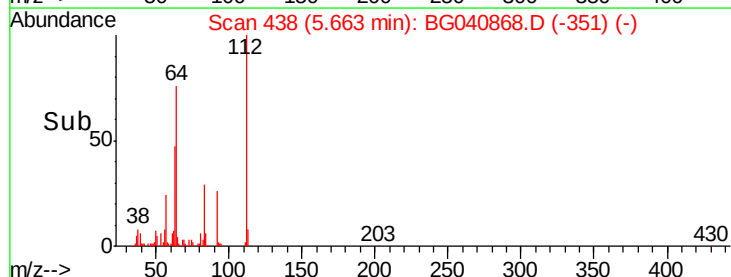
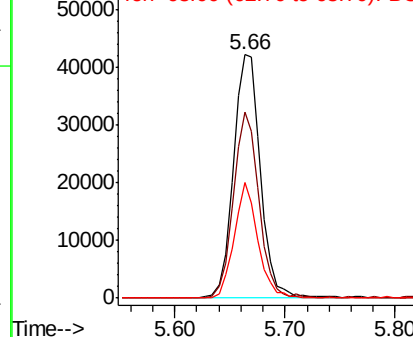
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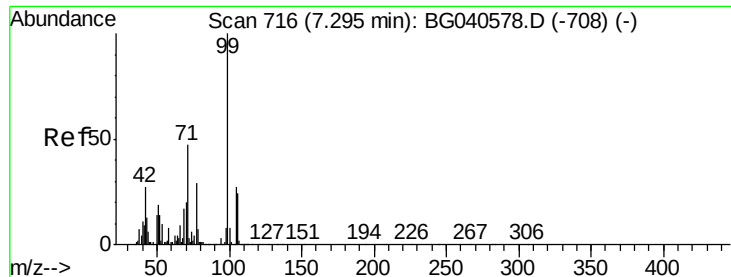
2-Fluorophenol
 Concen: 24.876 ng
 RT: 5.66 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BG040868.D
 Acq: 11 May 2019 5:32

Tgt Ion:112 Resp: 72016
 Ion Ratio Lower Upper
 112 100
 64 76.3 61.4 92.0
 63 47.3 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: 96.235 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

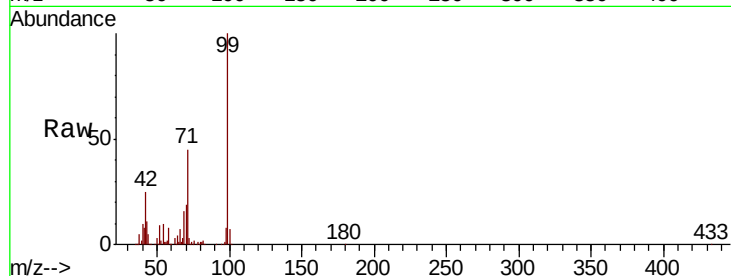
Tgt Ion: 99 Resp: 428966

Ion Ratio Lower Upper

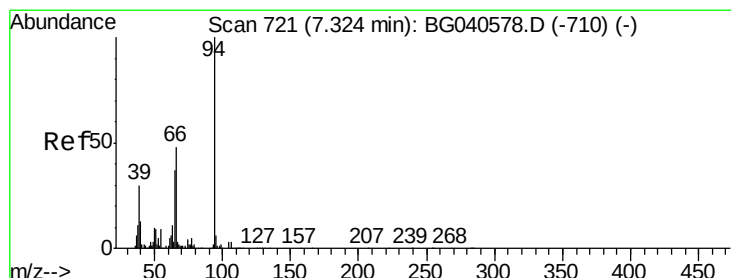
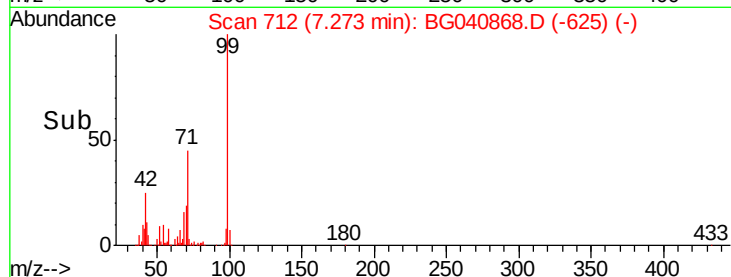
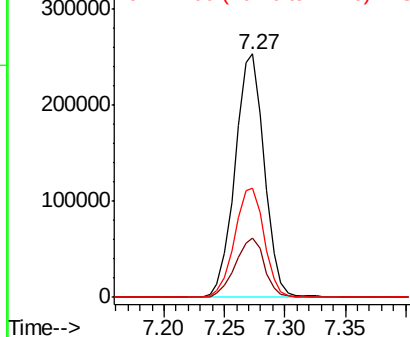
99 100

42 24.6 21.8 32.8

71 45.1 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



#10

Phenol

Concen: 3.119 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.03 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

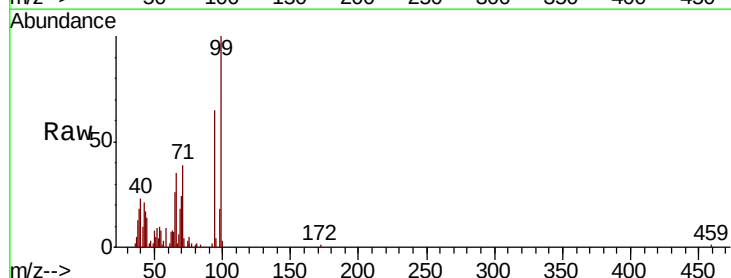
Tgt Ion: 94 Resp: 14947

Ion Ratio Lower Upper

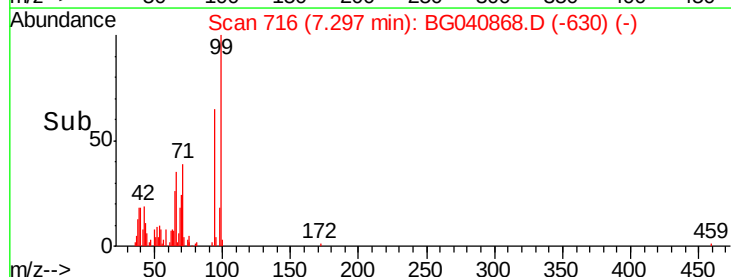
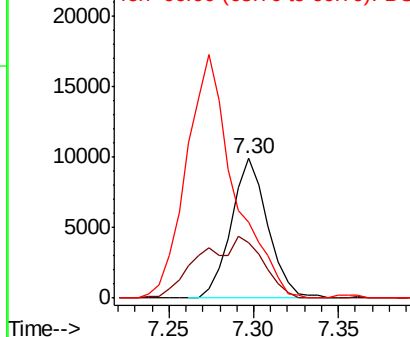
94 100

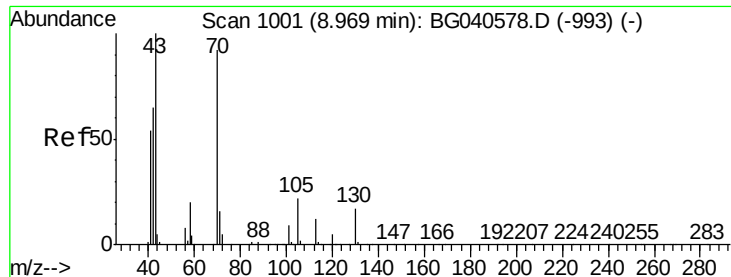
65 39.8 17.0 57.0

66 54.1 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

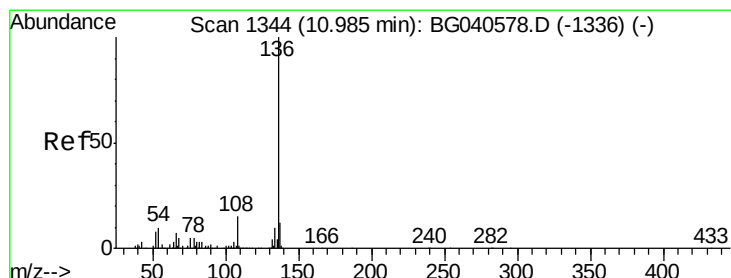
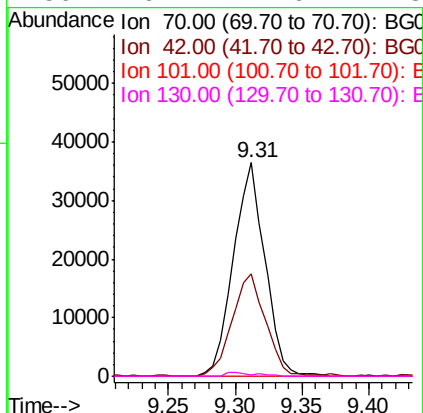
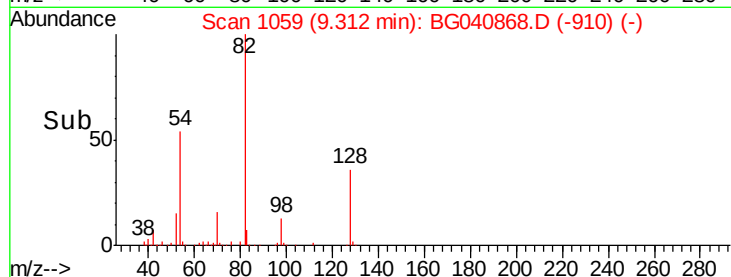
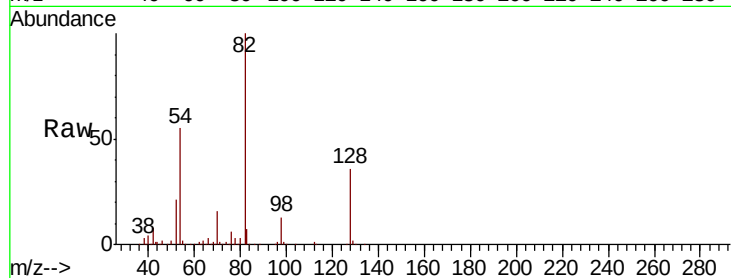




#19
n-Nitroso-di-n-propylamine
Concen: 14.950 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

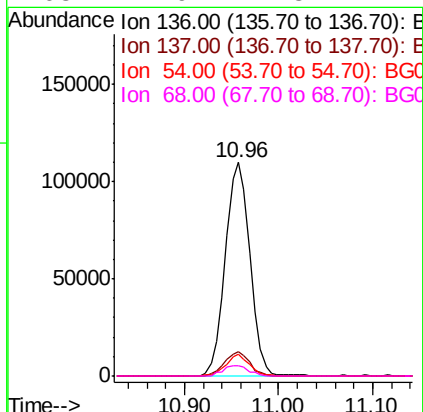
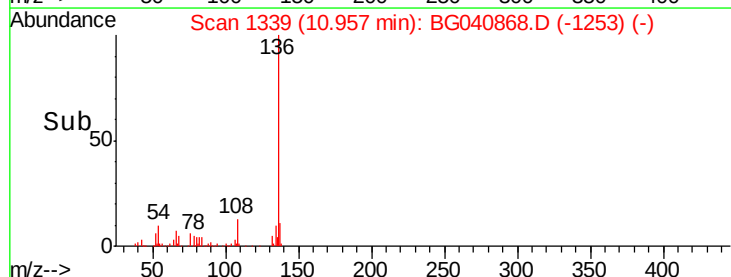
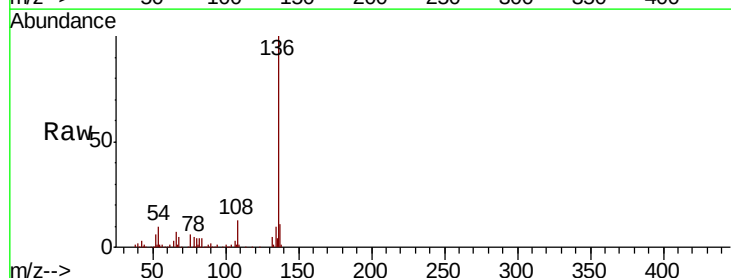
Instrument :
BNA_G
ClientSampleId :
DFTPP

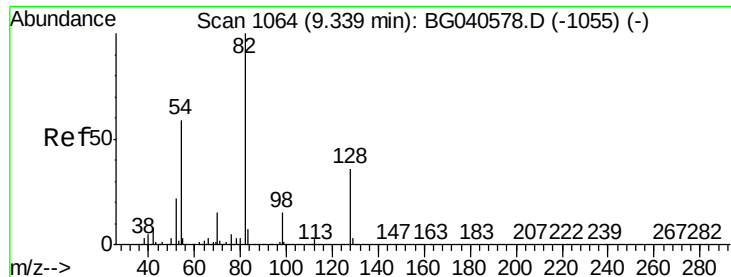
Tgt Ion: 70 Resp: 59989
Ion Ratio Lower Upper
70 100
42 47.8 57.1 85.7#
101 0.0 7.8 11.8#
130 0.7 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Tgt Ion: 136 Resp: 200264
Ion Ratio Lower Upper
136 100
137 11.3 9.7 14.5
54 10.7 8.6 12.8
68 4.9 4.8 7.2

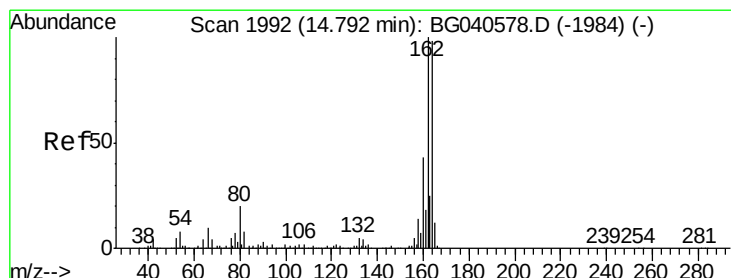
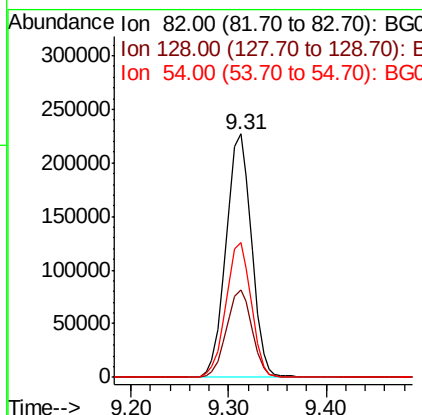
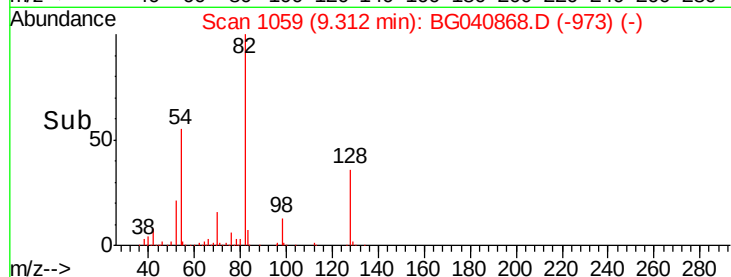
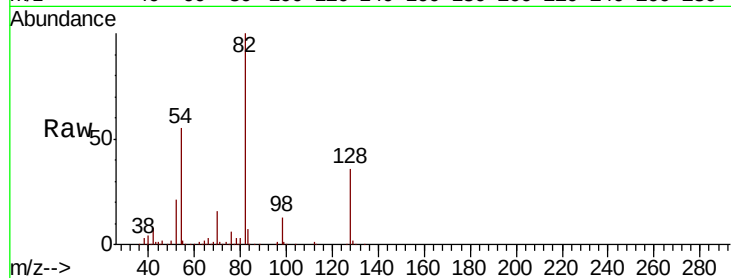




#23
Nitrobenzene-d5
Concen: 95.285 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

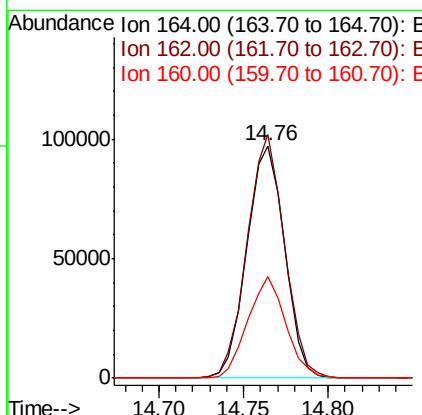
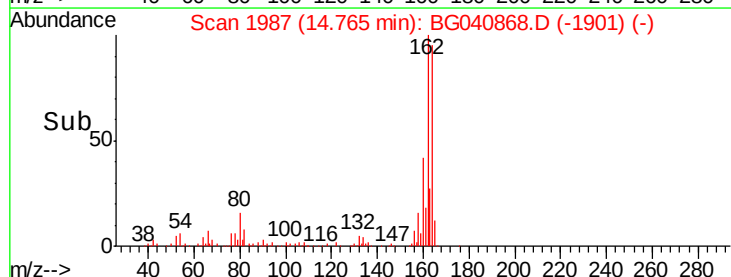
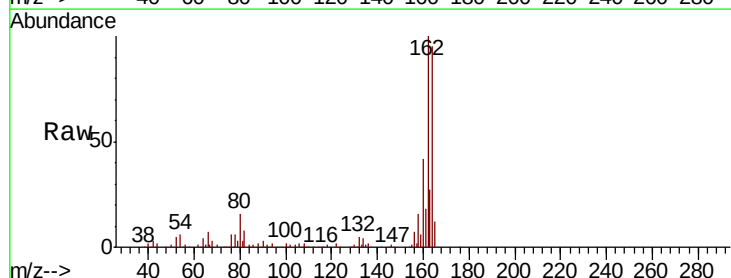
Instrument :
BNA_G
ClientSampleId :
DFTPP

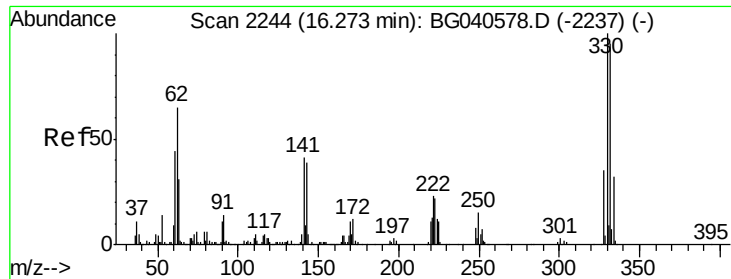
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	55.1	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.9	122.9
160	43.6	35.4	53.2

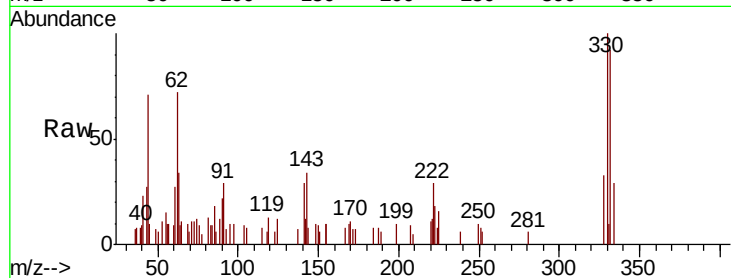




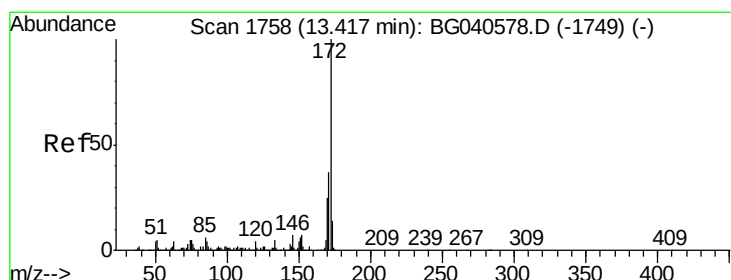
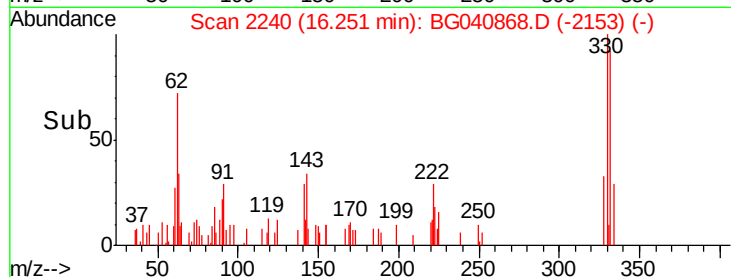
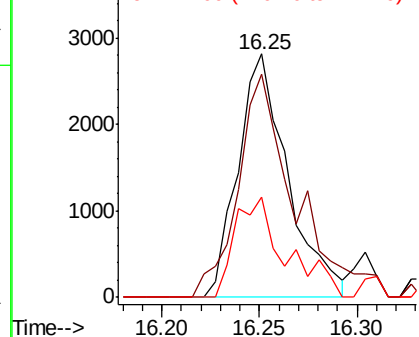
#42
2,4,6-Tribromophenol
Concen: 2.394 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.8	75.9	113.9
141	41.8	32.4	48.6

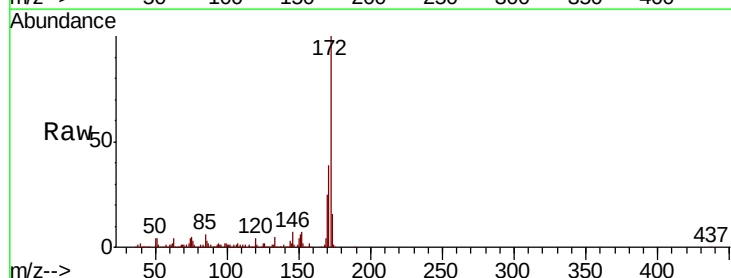


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

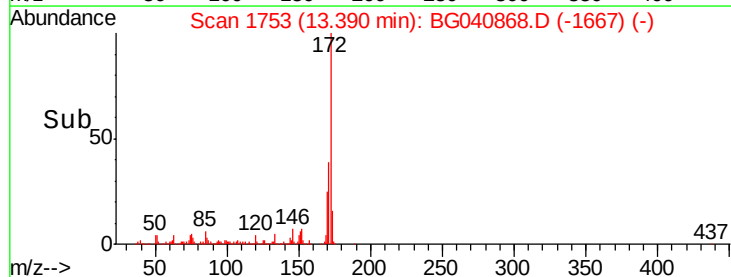
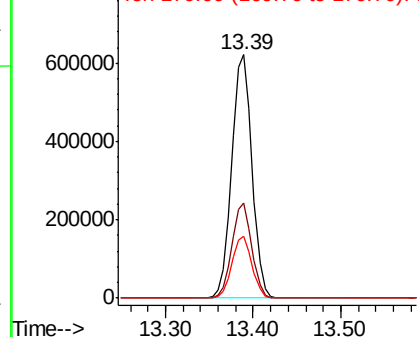


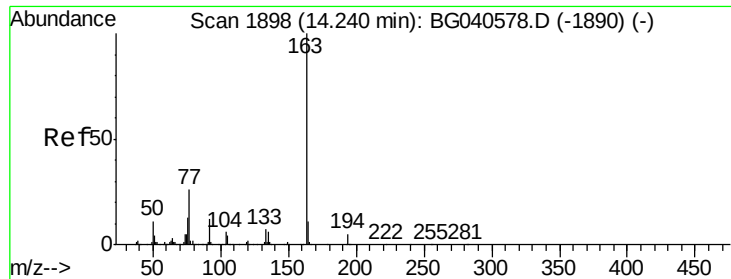
#45
2-Fluorobiphenyl
Concen: 93.763 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.3	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

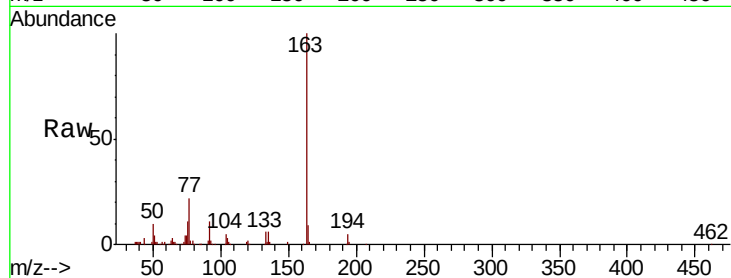




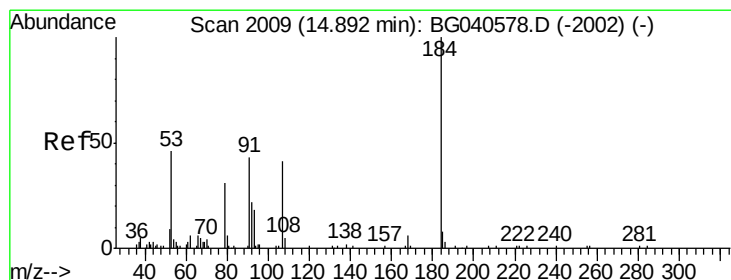
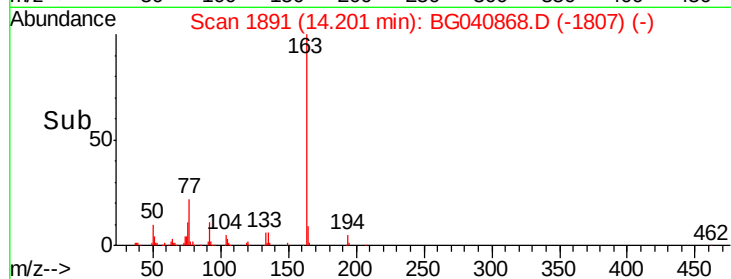
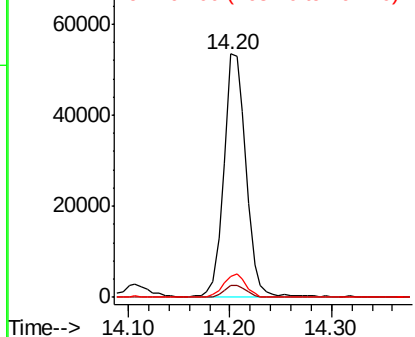
#50
Dimethylphthalate
Concen: 6.401 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	8.6	8.8	13.2#

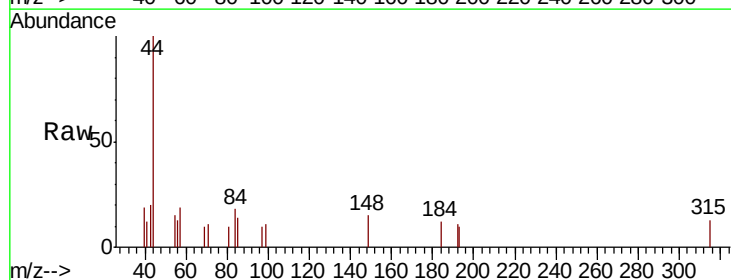


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

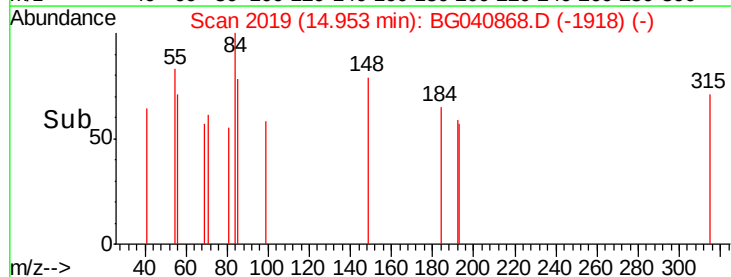
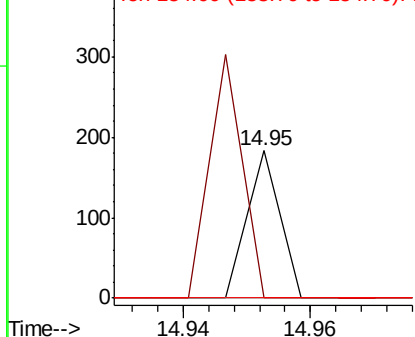


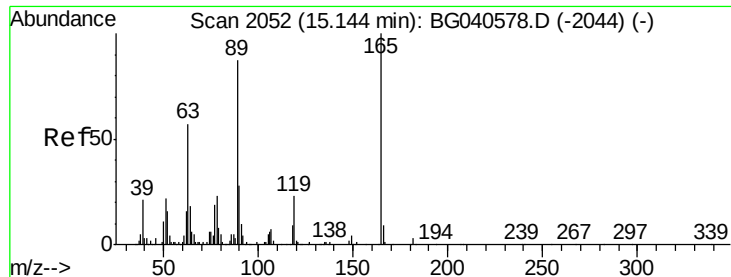
#54
2,4-Dinitrophenol
Concen: 7.057 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.06 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Tgt 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

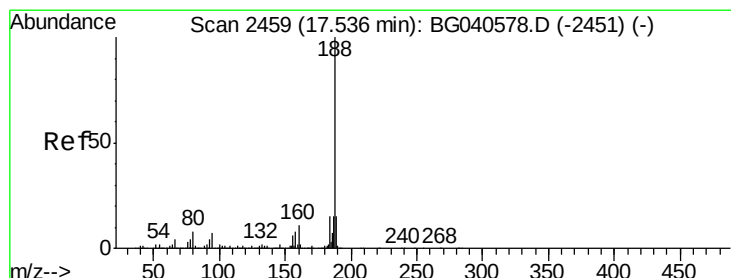
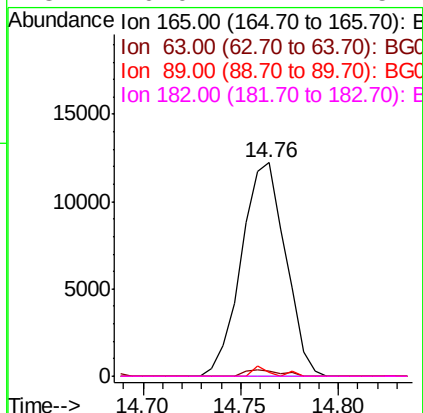
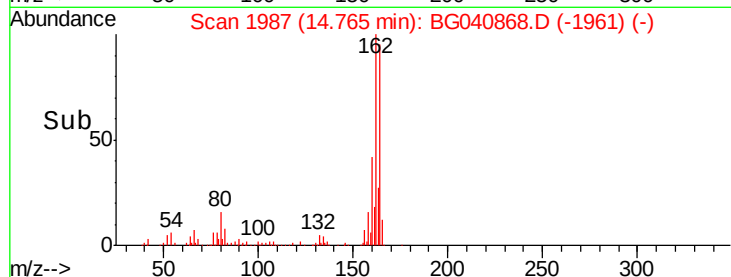
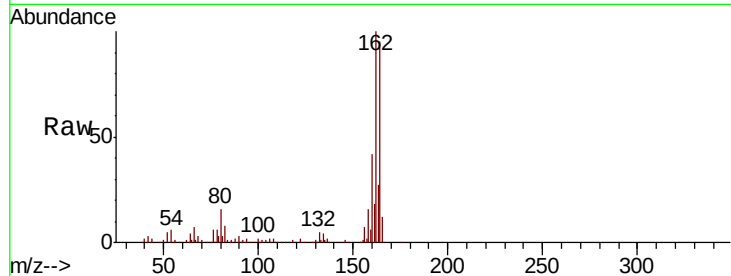




#57
2,4-Dinitrotoluene
Concen: 5.693 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

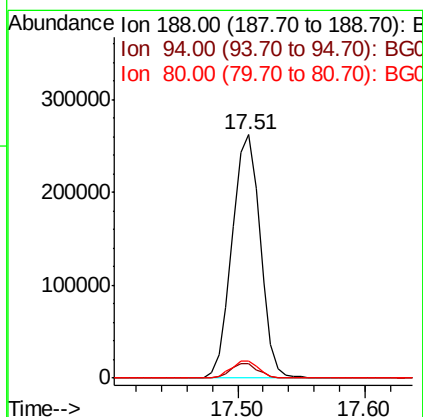
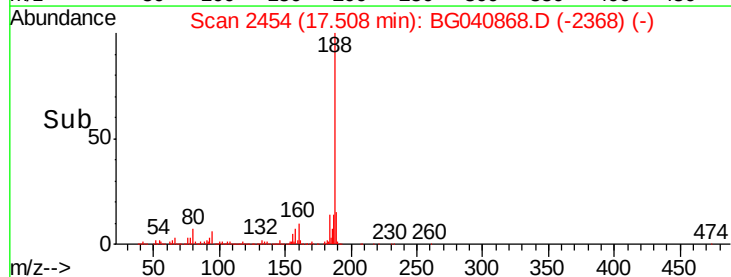
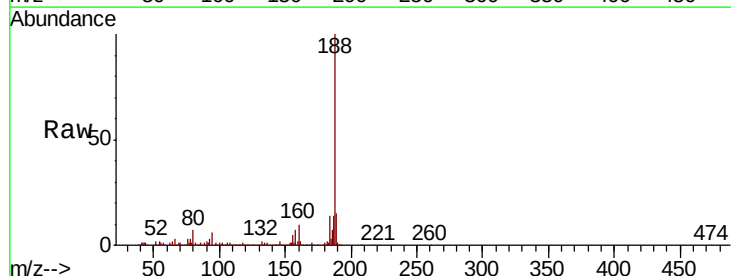
Instrument :
BNA_G
ClientSampleId :
DFTPP

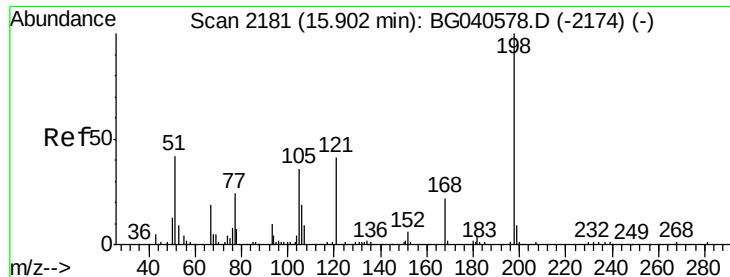
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	45.8	68.8#
89	1.7	69.4	104.2#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040868.D
Acq: 11 May 2019 5:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.6	8.4
80	6.8	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.126 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

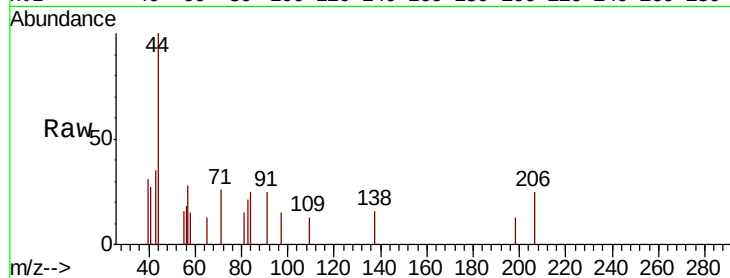
Tgt Ion:198 Resp: 57

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

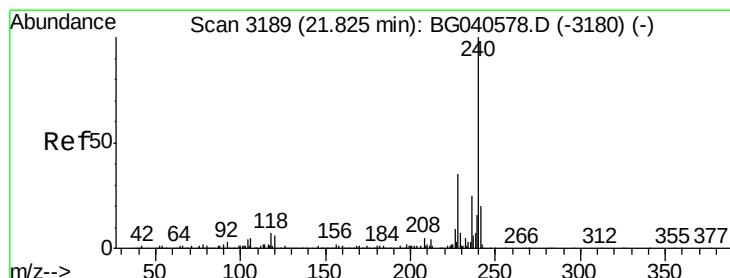
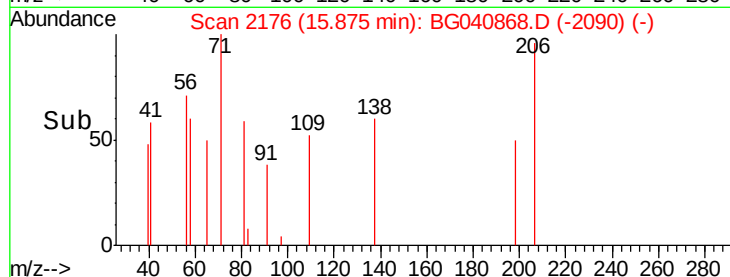
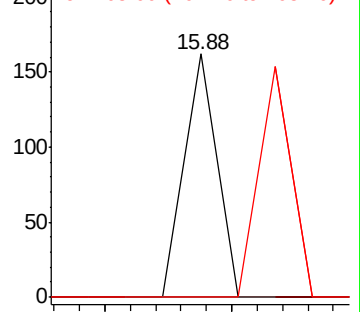
105 0.0 21.2 61.2#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

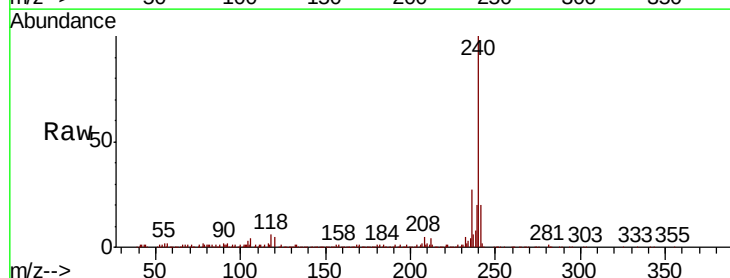
Tgt Ion:240 Resp: 418571

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

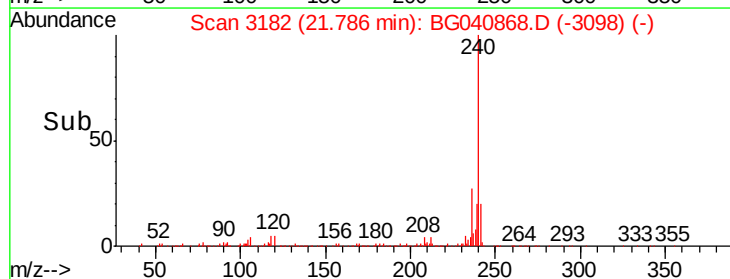
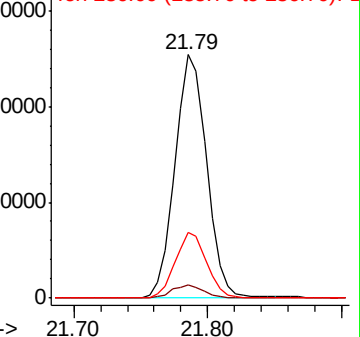
236 26.9 20.3 30.5

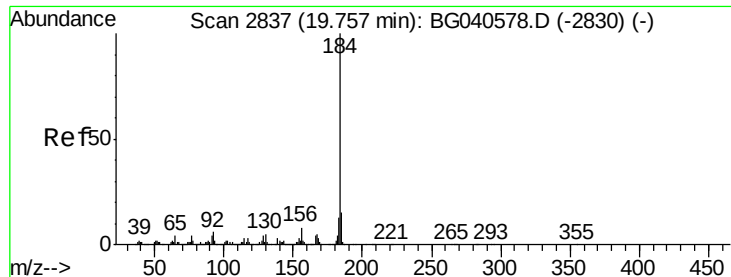


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.032 ng

RT: 20.10 min Scan# 2895

Delta R.T. 0.34 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

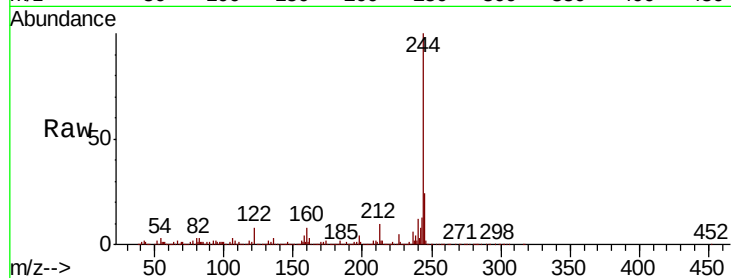
Tgt Ion:184 Resp: 34749

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

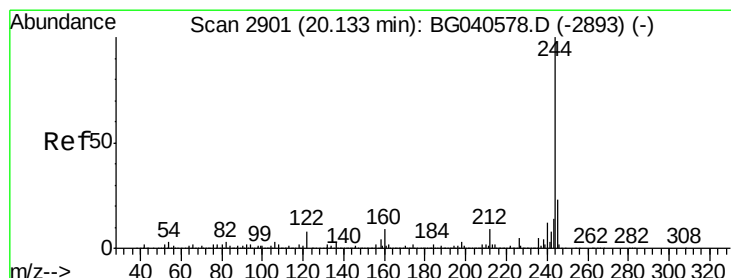
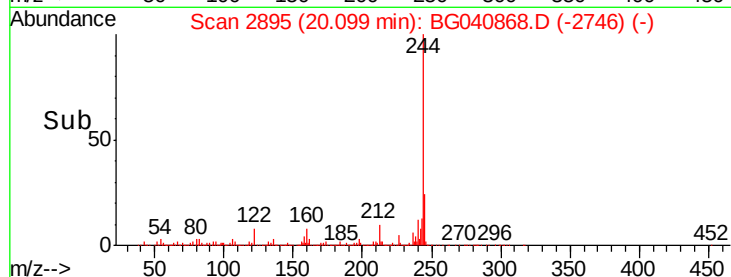
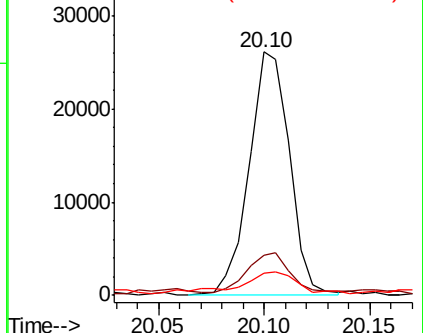
183 9.1 10.2 15.2#



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: 94.527 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

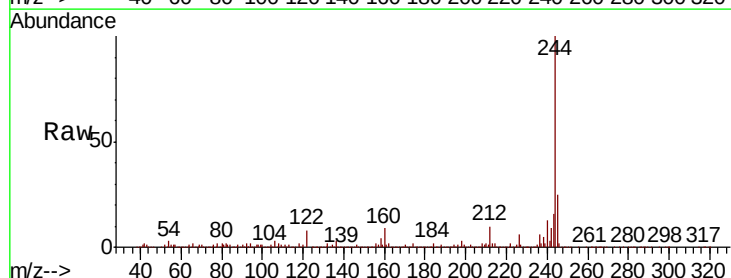
Tgt Ion:244 Resp: 1785944

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

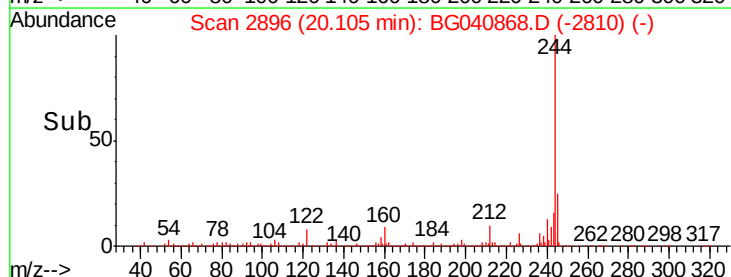
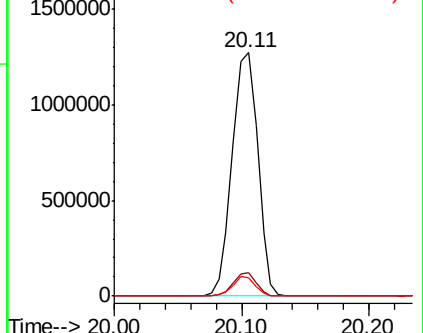
122 7.7 6.6 10.0

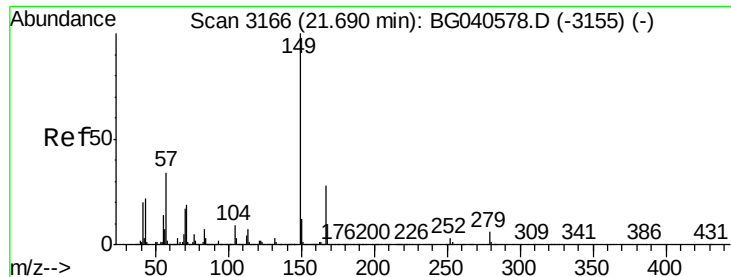


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.881 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.05 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

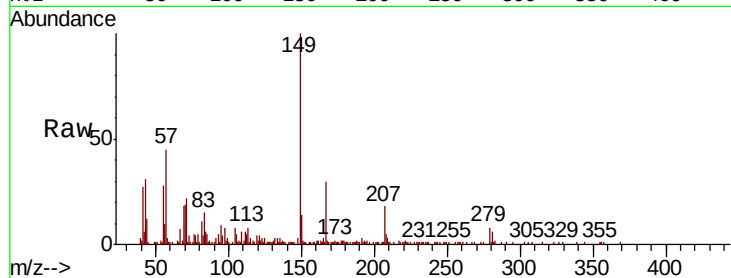
Tgt Ion:149 Resp: 42518

Ion Ratio Lower Upper

149 100

167 29.7 22.4 33.6

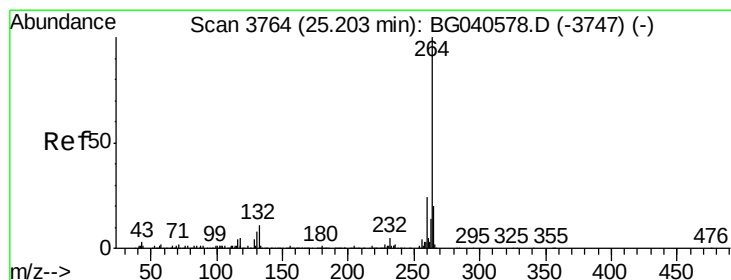
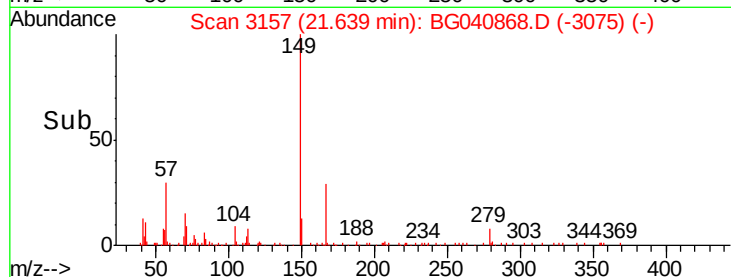
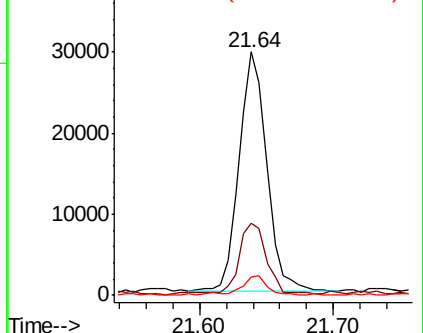
279 7.7 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040868.D

Acq: 11 May 2019 5:32

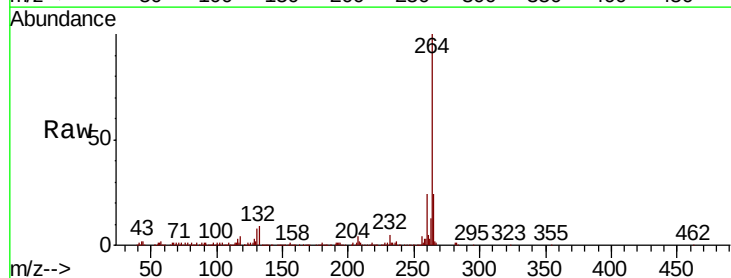
Tgt Ion:264 Resp: 456562

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 24.1 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

