

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043576.D
 Acq On : 8 Nov 2019 19:19
 Operator : JU
 Sample : K5742-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-(6-8)

Quant Time: Nov 11 00:33:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

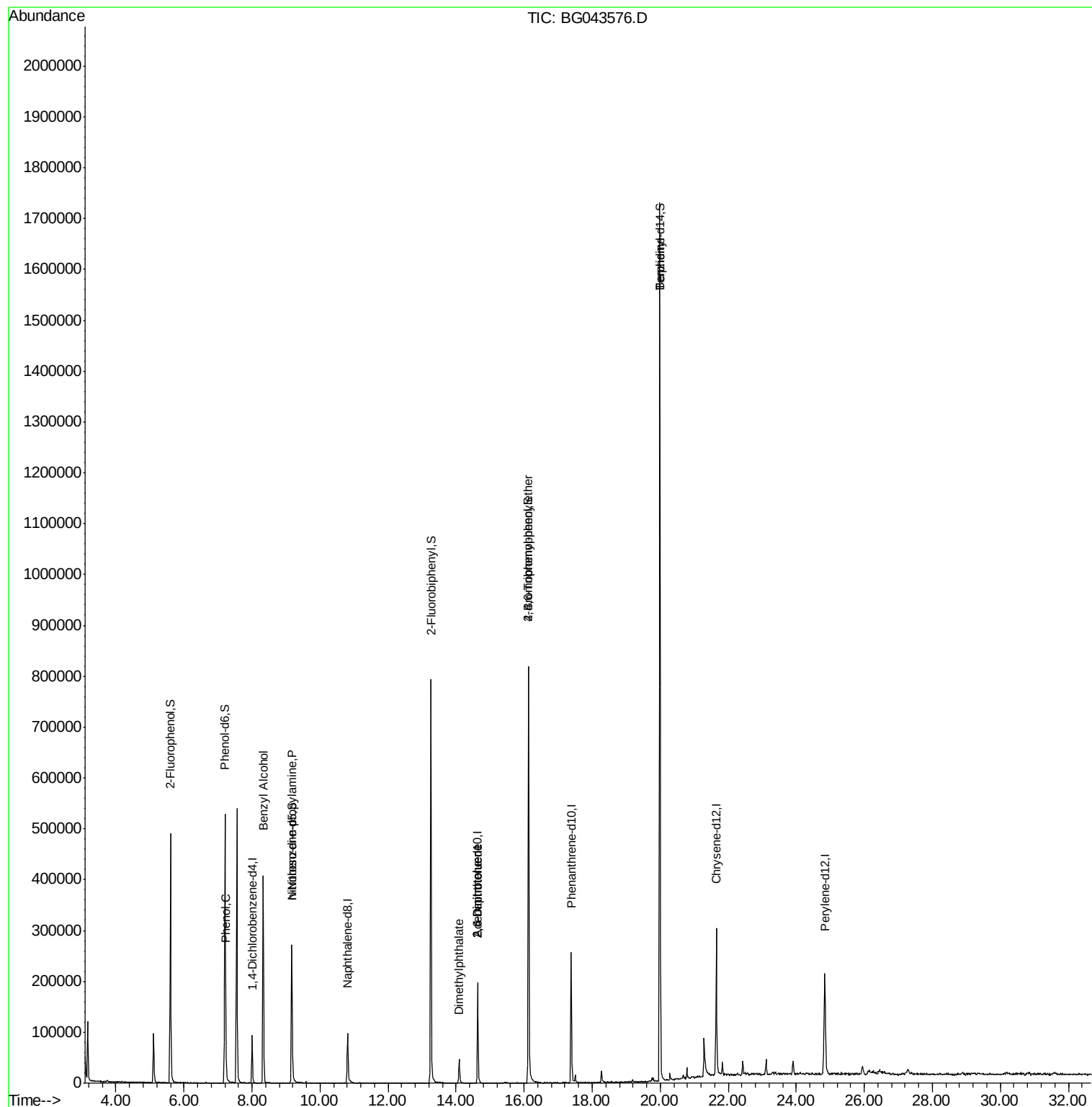
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29206	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107147	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	80830	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197649	20.00	ng	0.00
76) Chrysene-d12	21.65	240	202645	20.00	ng	0.00
87) Perylene-d12	24.84	264	226907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233354	146.41	ng	0.00
7) Phenol-d6	7.21	99	331200	144.43	ng	0.00
23) Nitrobenzene-d5	9.17	82	194325	93.50	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	207606	134.97	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	489700	83.72	ng	0.00
79) Terphenyl-d14	19.99	244	967654	89.58	ng	0.00
Target Compounds						
10) Phenol	7.23	94	18783	8.964	ng	81
15) Benzyl Alcohol	8.32	79	3583	2.225	ng	# 48
19) n-Nitroso-di-n-propylamine	9.17	70	26815	18.096	ng	# 78
50) Dimethylphthalate	14.09	163	42794	6.835	ng	99
51) 2,6-Dinitrotoluene	14.63	165	10452	7.684	ng	# 22
57) 2,4-Dinitrotoluene	14.63	165	10452	5.377	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	12619	4.744	ng	# 1
77) Benzidine	19.99	184	13943	3.419	ng	# 94

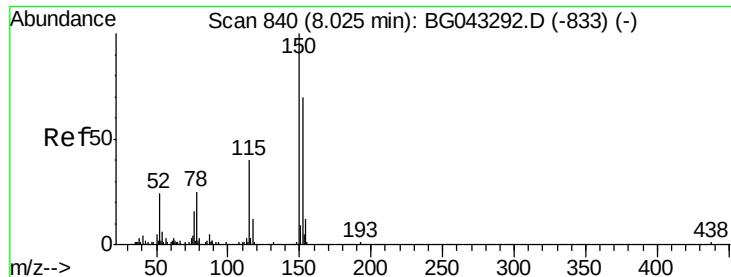
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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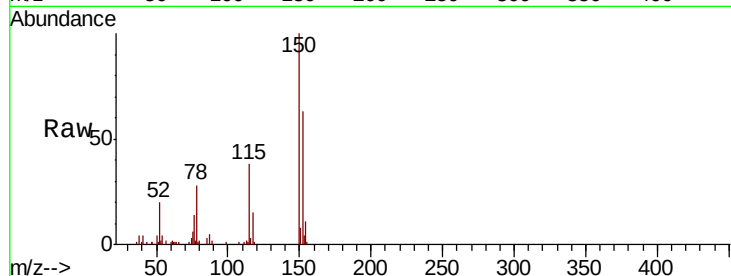


#1

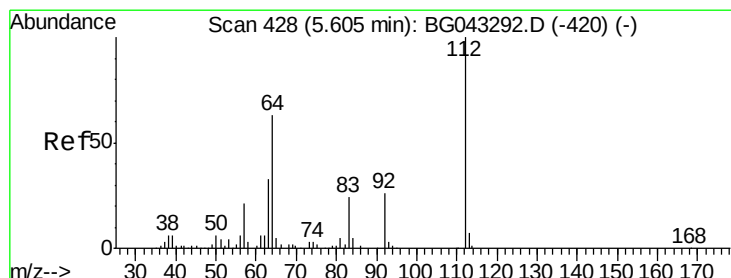
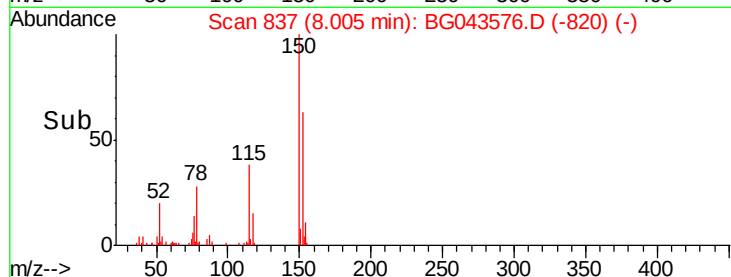
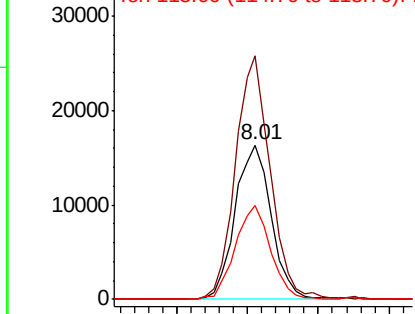
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Instrument :
BNA_G
ClientSampleId :
SB-17-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.4	194.0
115	60.5	48.8	73.2



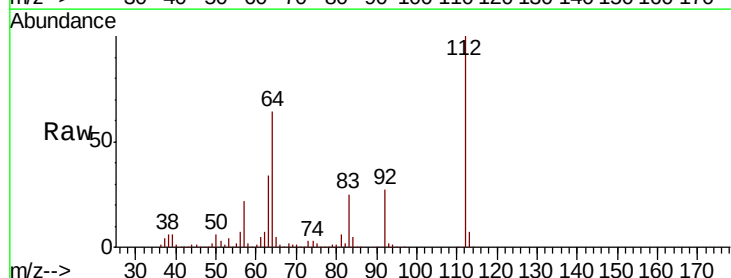
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



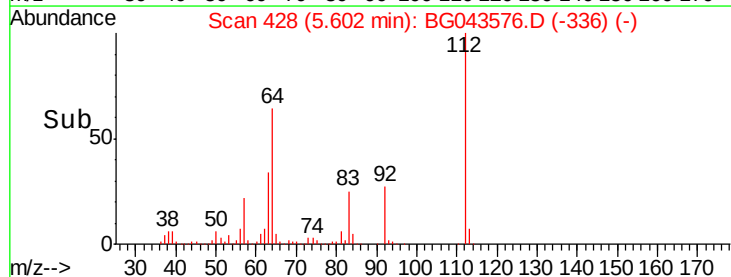
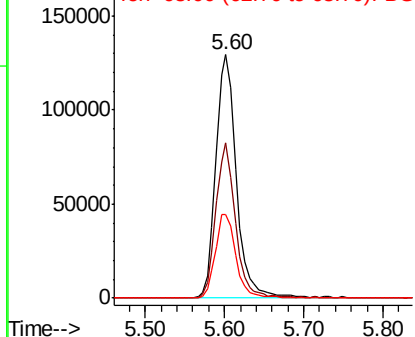
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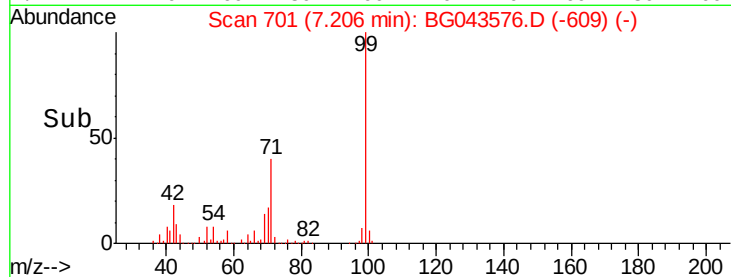
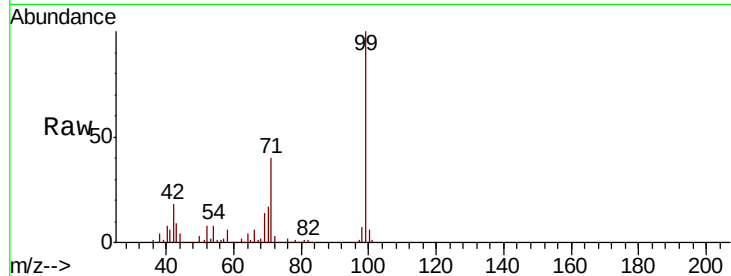
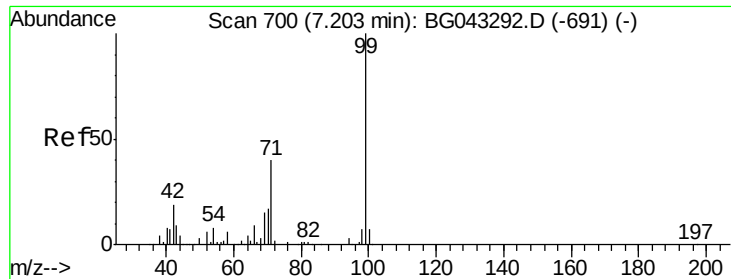
2-Fluorophenol
Concen: 146.411 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.0	75.0
63	34.5	26.6	40.0



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: 144.431 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

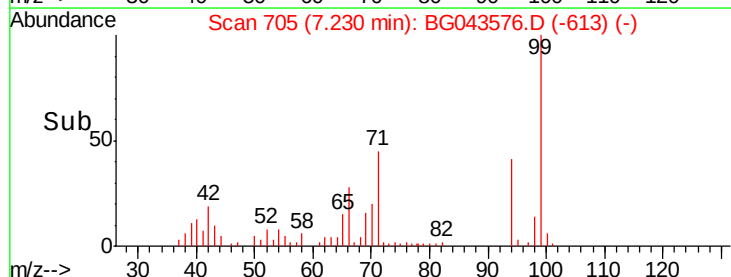
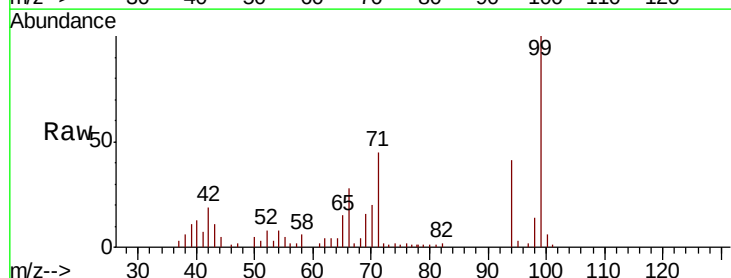
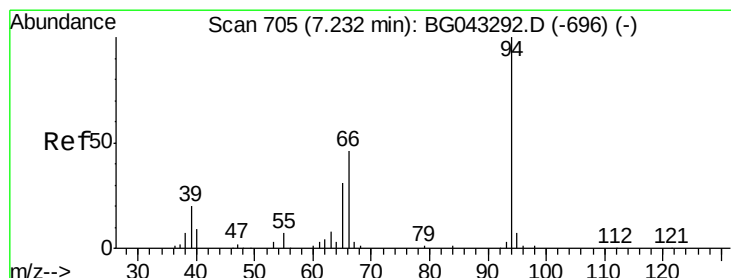
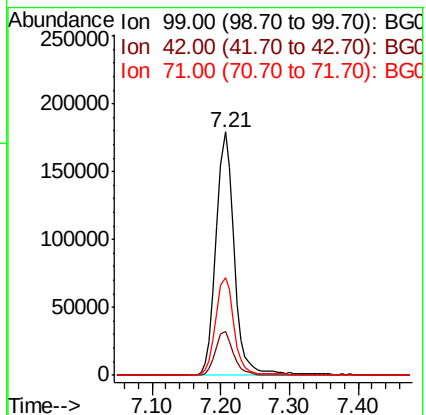
Tot Ion: 99 Resp: 331200

Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

71 39.9 32.5 48.7



#10

Phenol

Concen: 8.964 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

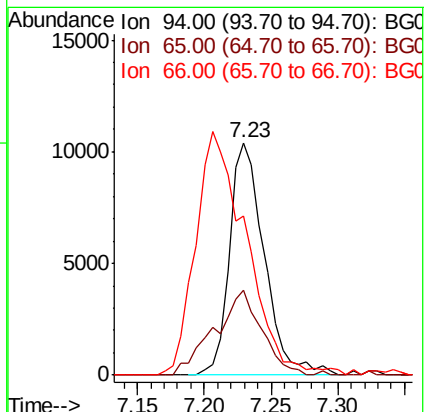
Tgt Ion: 94 Resp: 18783

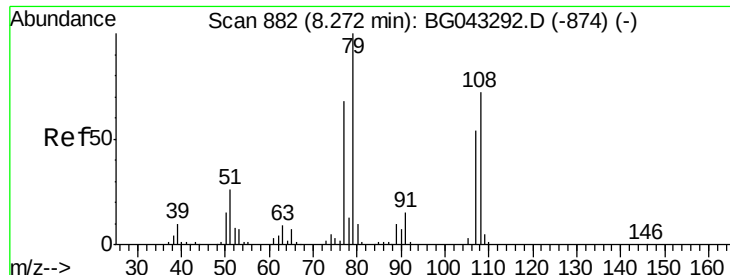
Ion Ratio Lower Upper

94 100

65 36.6 12.6 52.6

66 68.6 30.7 70.7

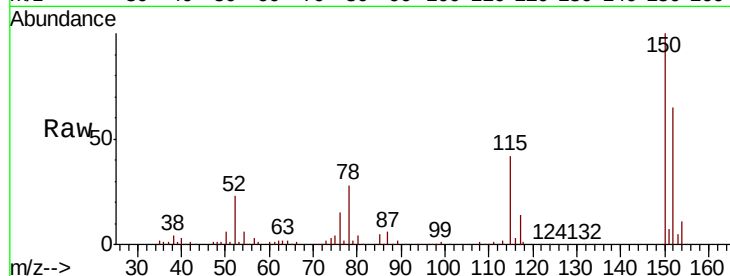




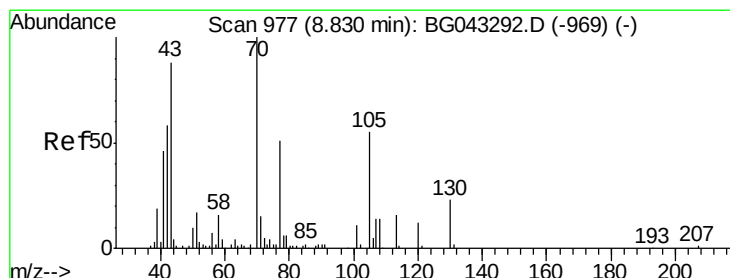
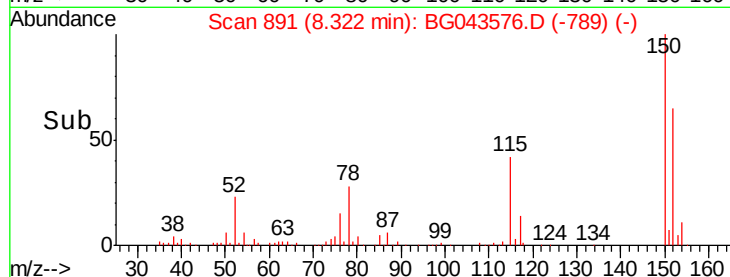
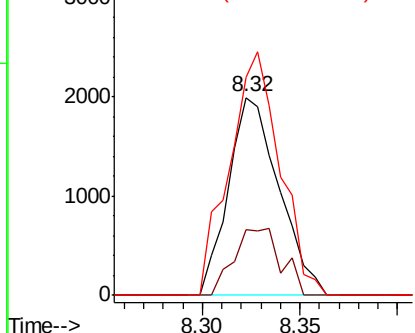
#15
Benzyl Alcohol
Concen: 2.225 ng
RT: 8.32 min Scan# 891
Delta R.T. 0.07 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Instrument :
BNA_G
ClientSampleId :
SB-17-(6-8)

Tot Ion: 79 Resp: 3583
Ion Ratio Lower Upper
79 100
108 33.4 53.6 80.4#
77 110.2 49.6 74.4#

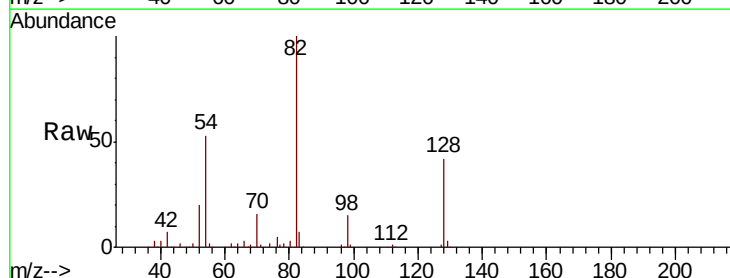


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

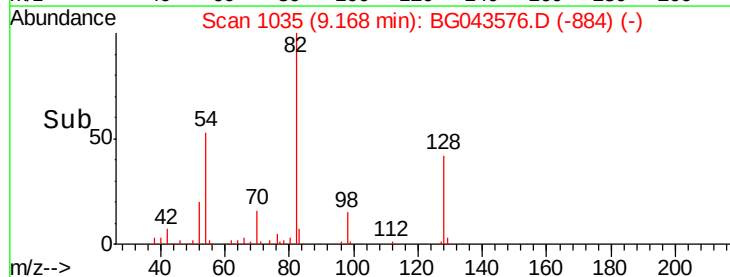
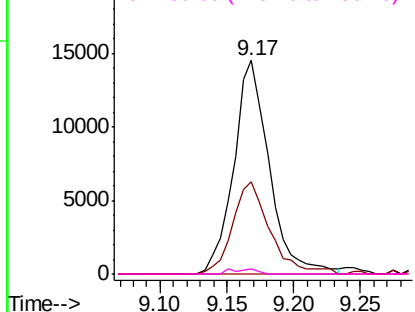


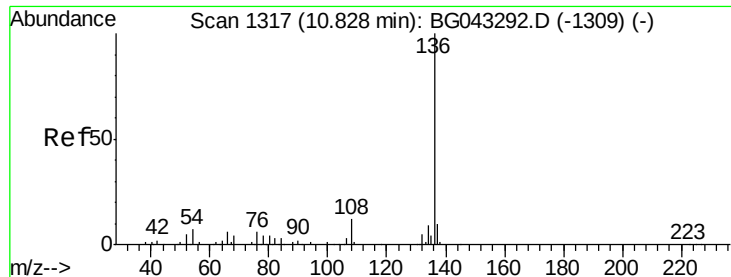
#19
n-Nitroso-di-n-propylamine
Concen: 18.096 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion: 70 Resp: 26815
Ion Ratio Lower Upper
70 100
42 43.3 41.4 62.2
101 0.0 7.9 11.9#
130 2.7 19.0 28.4#



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

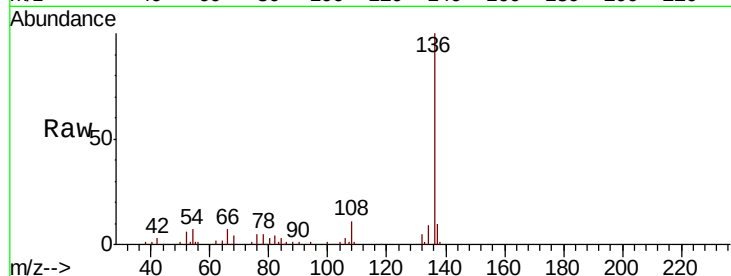




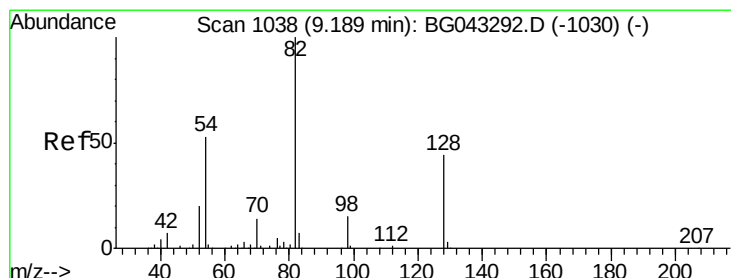
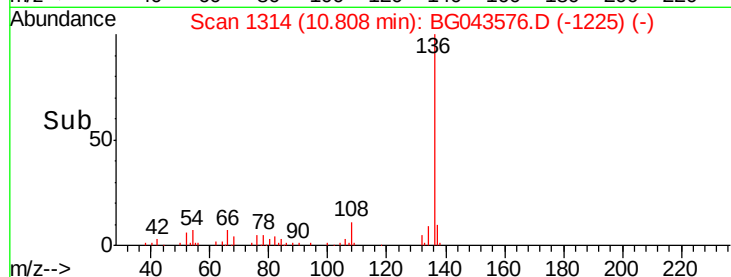
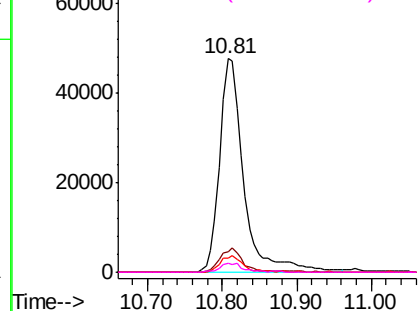
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Instrument :
BNA_G
ClientSampleId :
SB-17-(6-8)

Tot Ion:136	Resp:	107147
Ion	Ratio	Lower Upper
136	100	
137	9.8	8.7 13.1
54	6.7	5.4 8.2
68	4.2	3.0 4.4

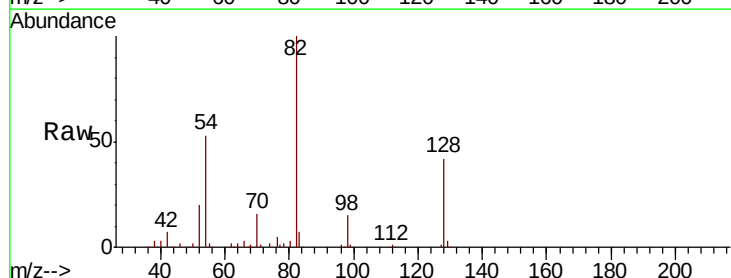


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

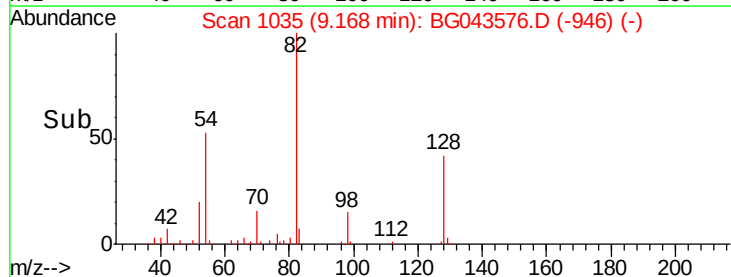
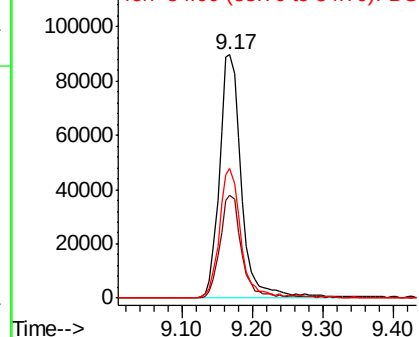


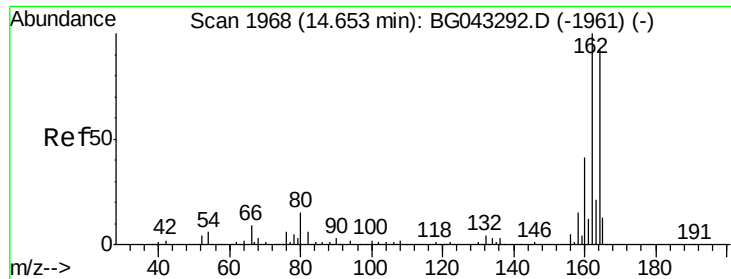
#23
Nitrobenzene-d5
Concen: 93.501 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion: 82	Resp:	194325
Ion	Ratio	Lower Upper
82	100	
128	42.3	35.0 52.6
54	53.4	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

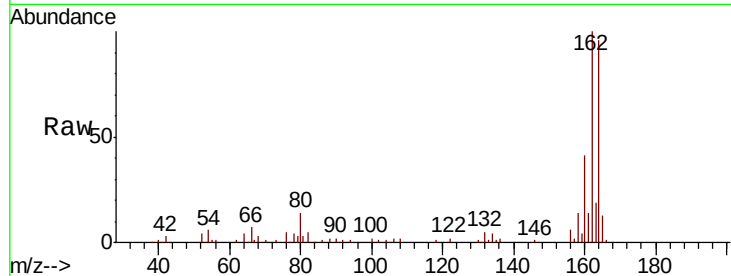
Tot Ion:164 Resp: 80830

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

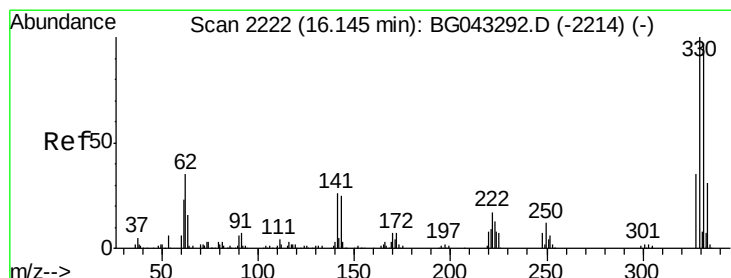
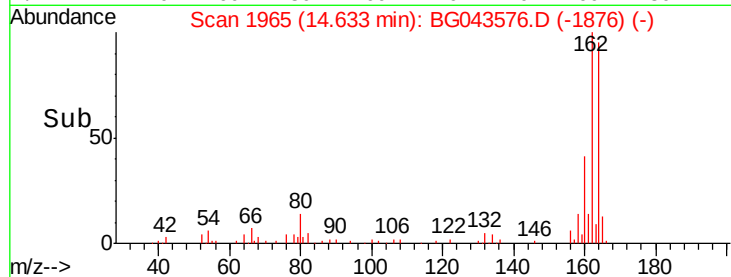
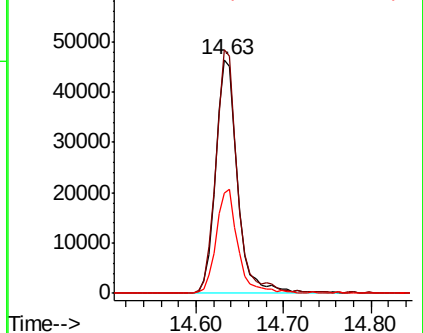
160 42.8 36.5 54.7



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: 134.967 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

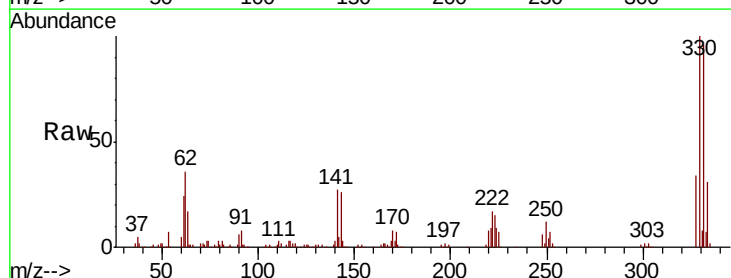
Tgt Ion:330 Resp: 207606

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

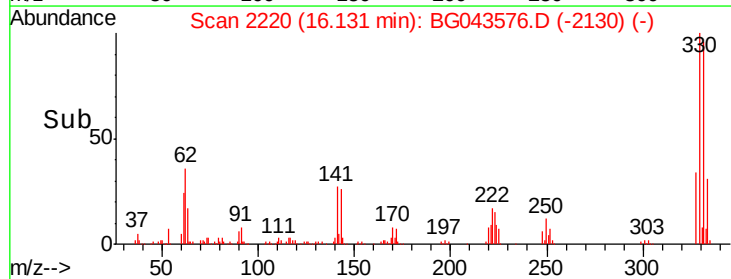
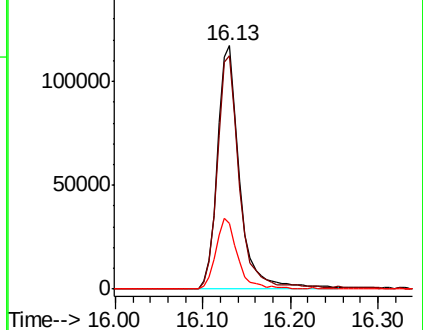
141 28.6 22.8 34.2

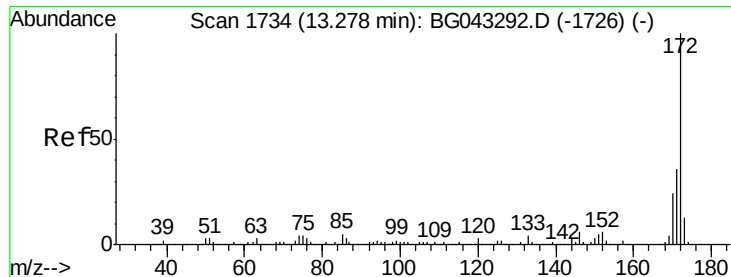


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

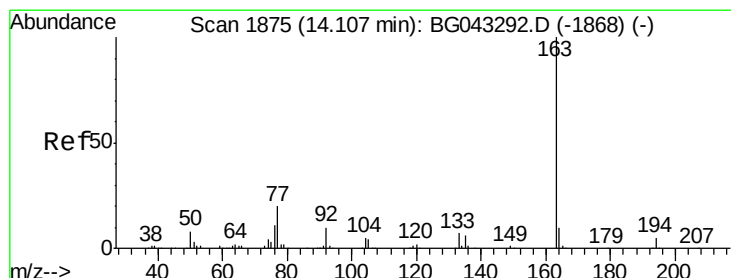
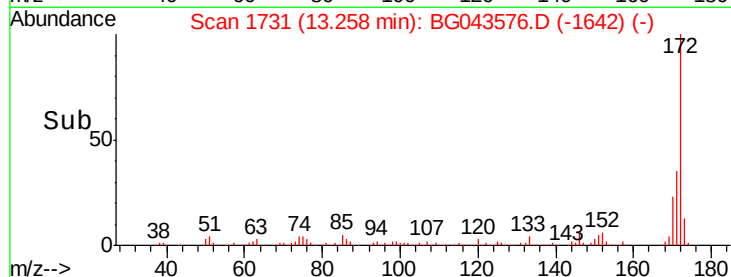
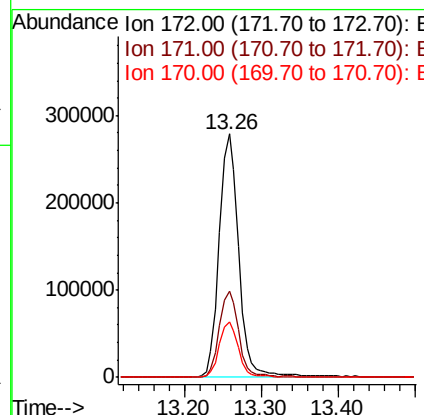
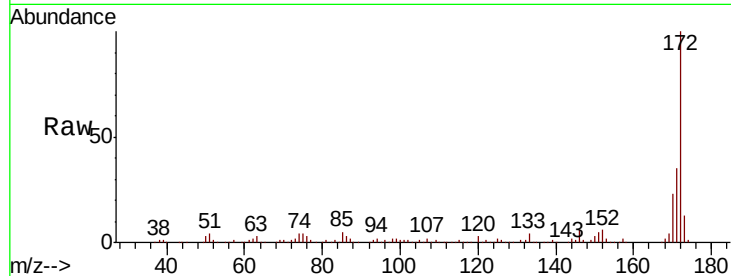




#45
2-Fluorobiphenyl
Concen: 83.715 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

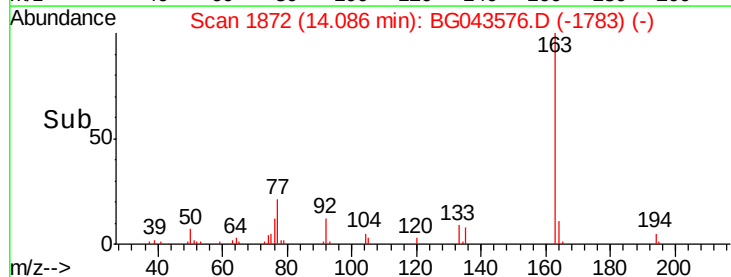
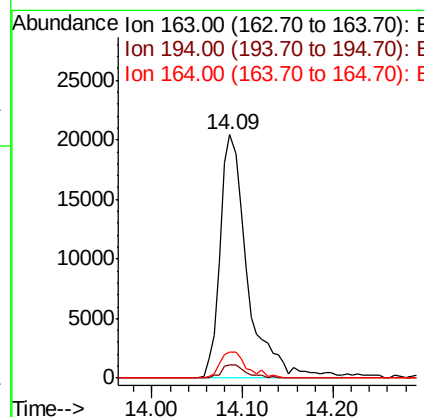
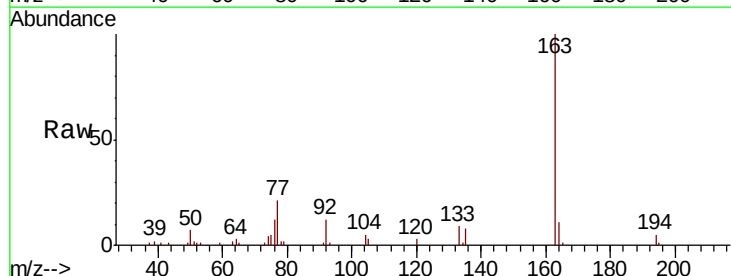
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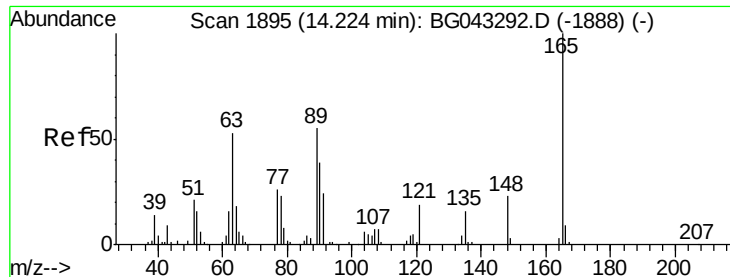
Tot Ion:172 Resp: 489700
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 22.7 18.5 27.7



#50
Dimethylphthalate
Concen: 6.835 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043576.D
Acq: 8 Nov 2019 19:19

Tgt Ion:163 Resp: 42794
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 10.7 8.9 13.3

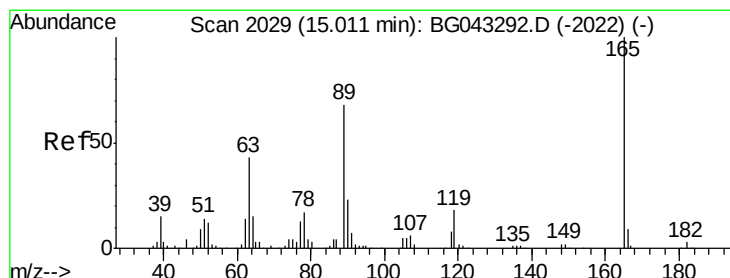
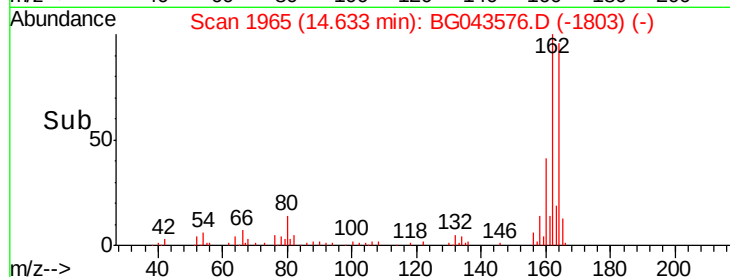
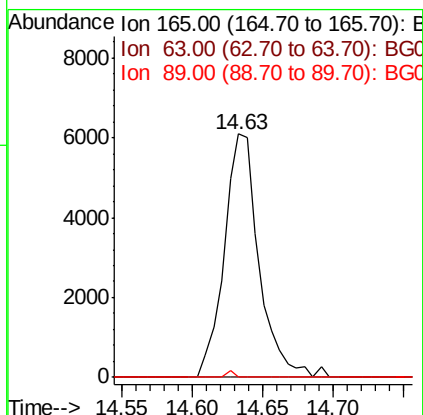
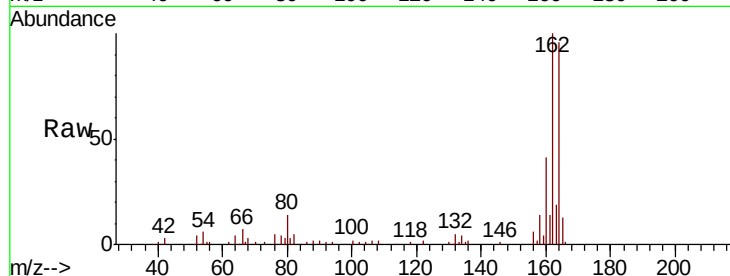




#51
 2,6-Dinitrotoluene
 Concen: 7.684 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.42 min
 Lab File: BG043576.D
 Acq: 8 Nov 2019 19:19

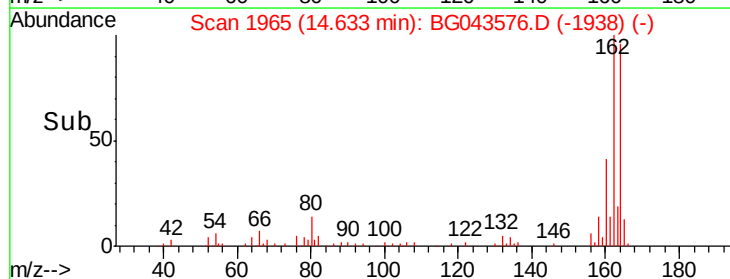
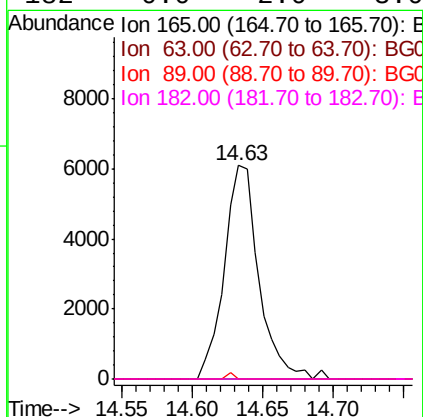
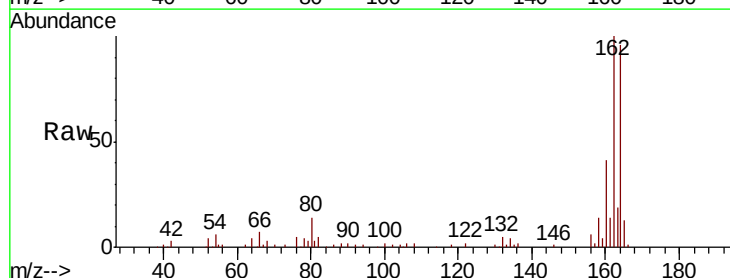
Instrument :
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 SB-17-(6-8)

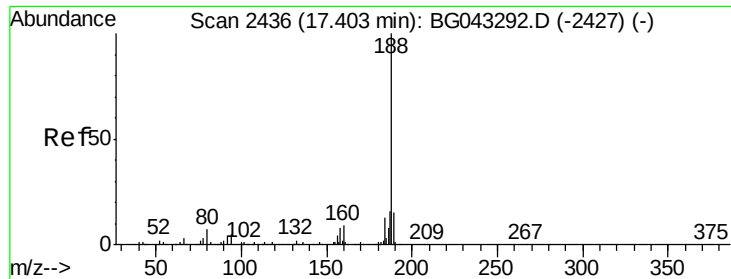
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.377 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043576.D
 Acq: 8 Nov 2019 19:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

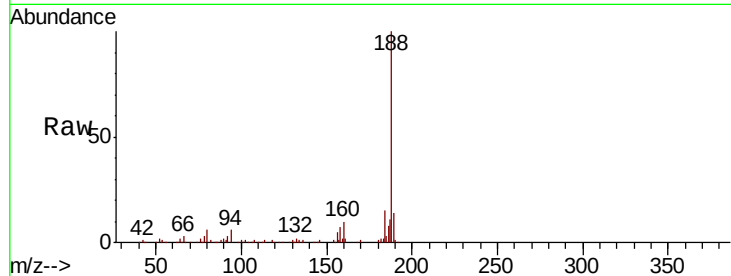
Tot Ion:188 Resp: 197649

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

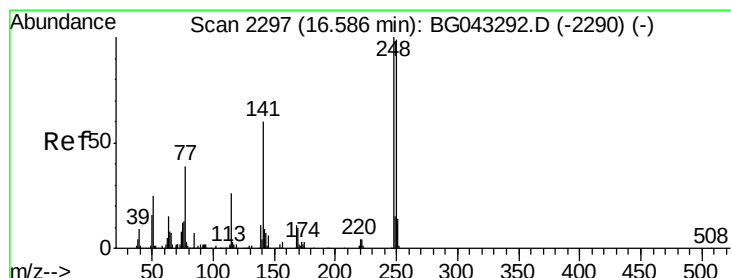
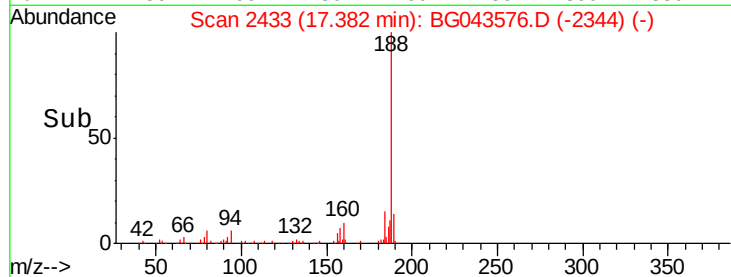
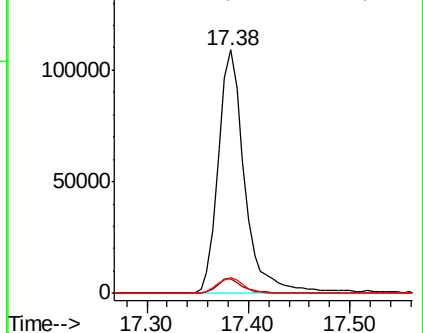
80 6.3 4.5 6.7



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



#67

4-Bromophenyl-phenylether

Concen: 4.744 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.45 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

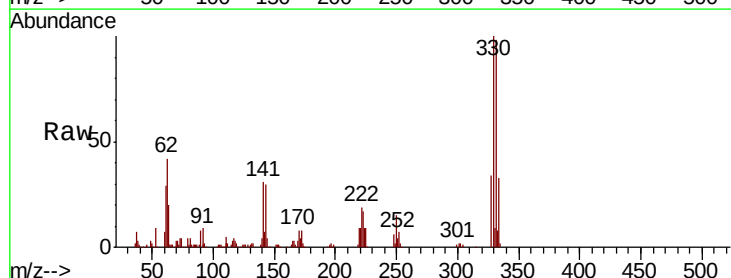
Tgt Ion:248 Resp: 12619

Ion Ratio Lower Upper

248 100

250 237.1 77.0 115.4#

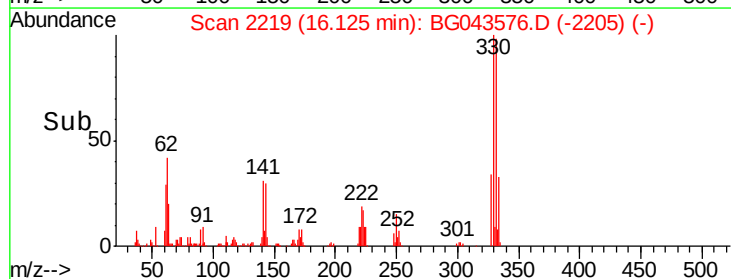
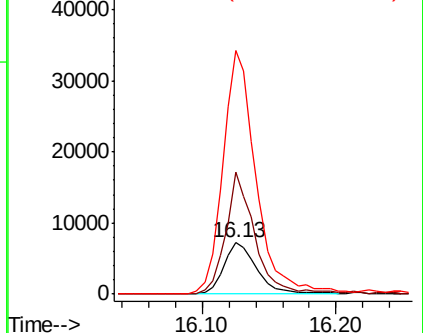
141 475.3 47.5 71.3#

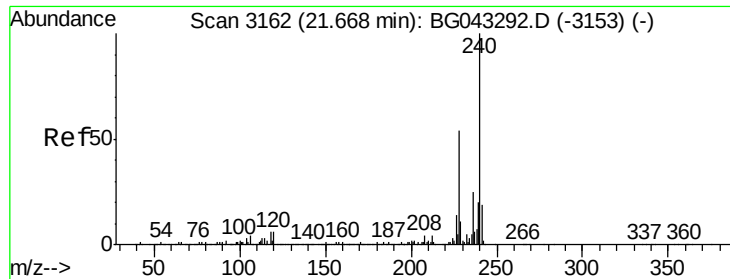


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

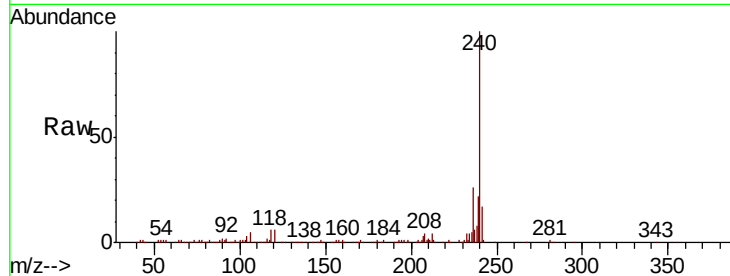




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG043576.D
 Acq: 8 Nov 2019 19:19

Instrument :
 BNA_G
 ClientSampleID :
 SB-17-(6-8)

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	25.6	19.8	29.8

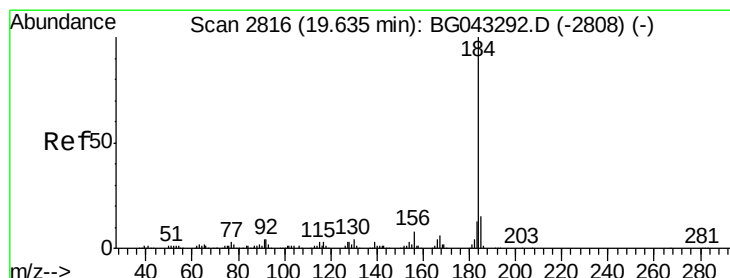
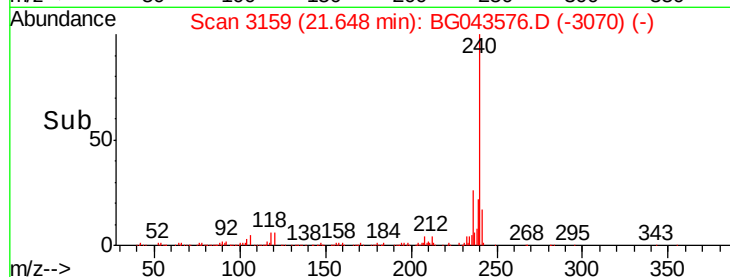
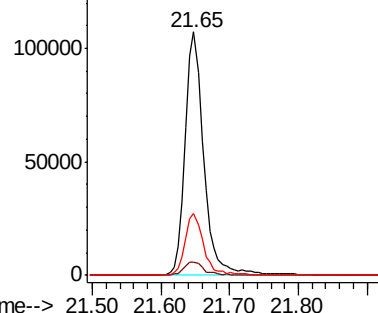


Abundance

Ion 240.00 (239.70 to 240.70): E

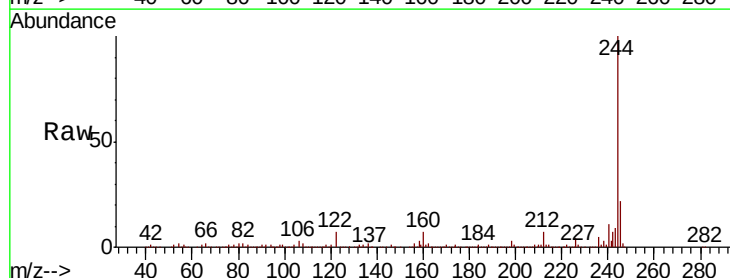
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
 Benzidine
 Concen: 3.419 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. 0.37 min
 Lab File: BG043576.D
 Acq: 8 Nov 2019 19:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.0	16.4
183	8.8	10.0	15.0#

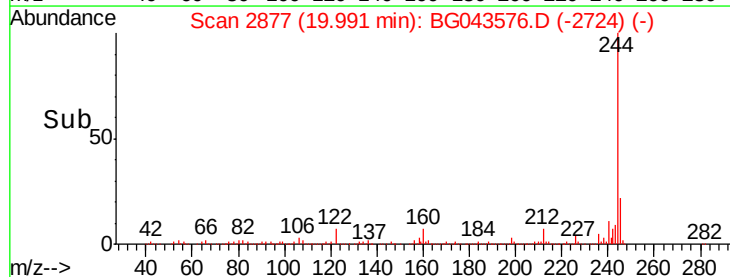
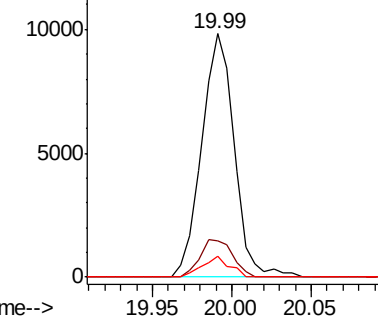


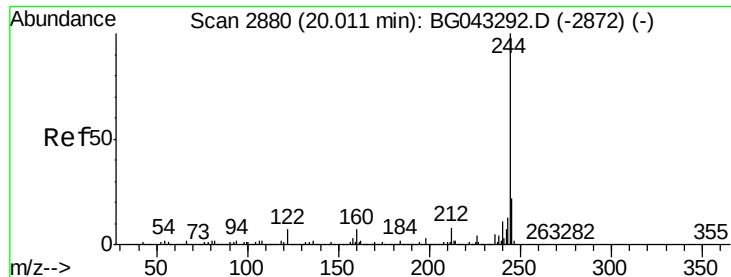
Abundance

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: 89.584 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

Instrument :

BNA_G

ClientSampleId :

SB-17-(6-8)

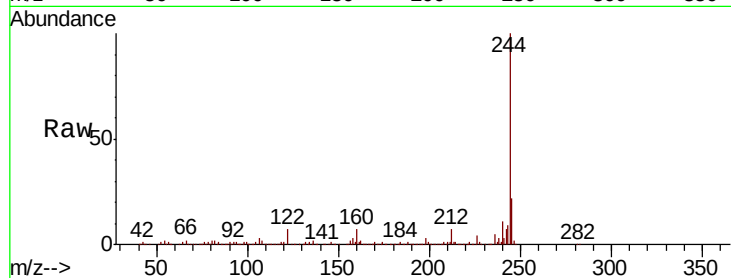
Tot Ion:244 Resp: 967654

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

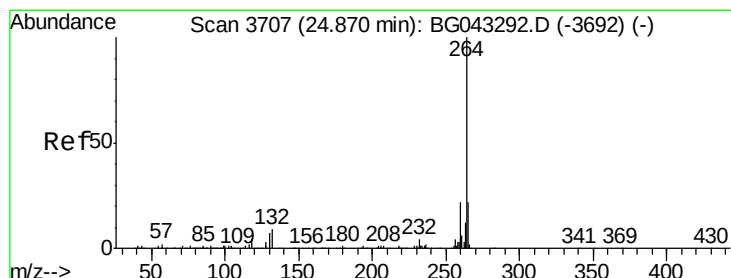
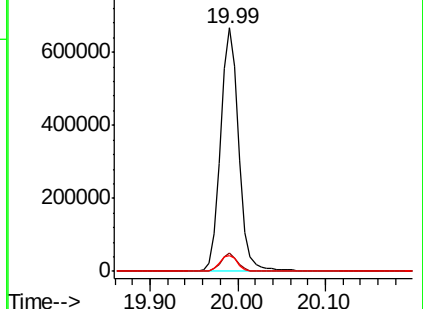
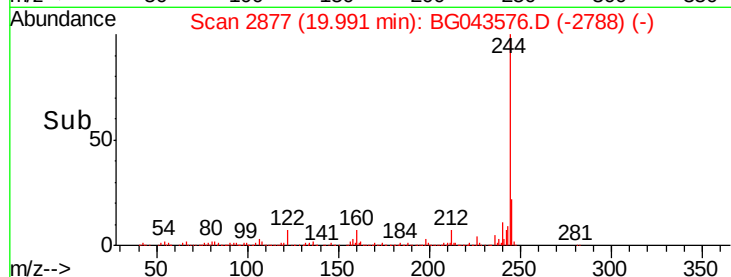
122 6.6 5.4 8.2



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: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043576.D

Acq: 8 Nov 2019 19:19

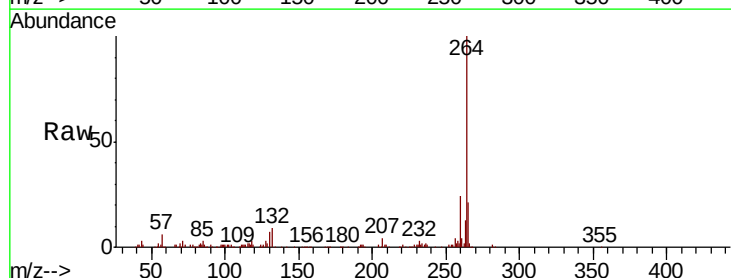
Tgt Ion:264 Resp: 226907

Ion Ratio Lower Upper

264 100

260 23.7 17.5 26.3

265 21.5 17.4 26.0



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

