

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043593.D
 Acq On : 11 Nov 2019 21:16
 Operator : JU
 Sample : K5782-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Quant Time: Nov 12 00:48:56 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

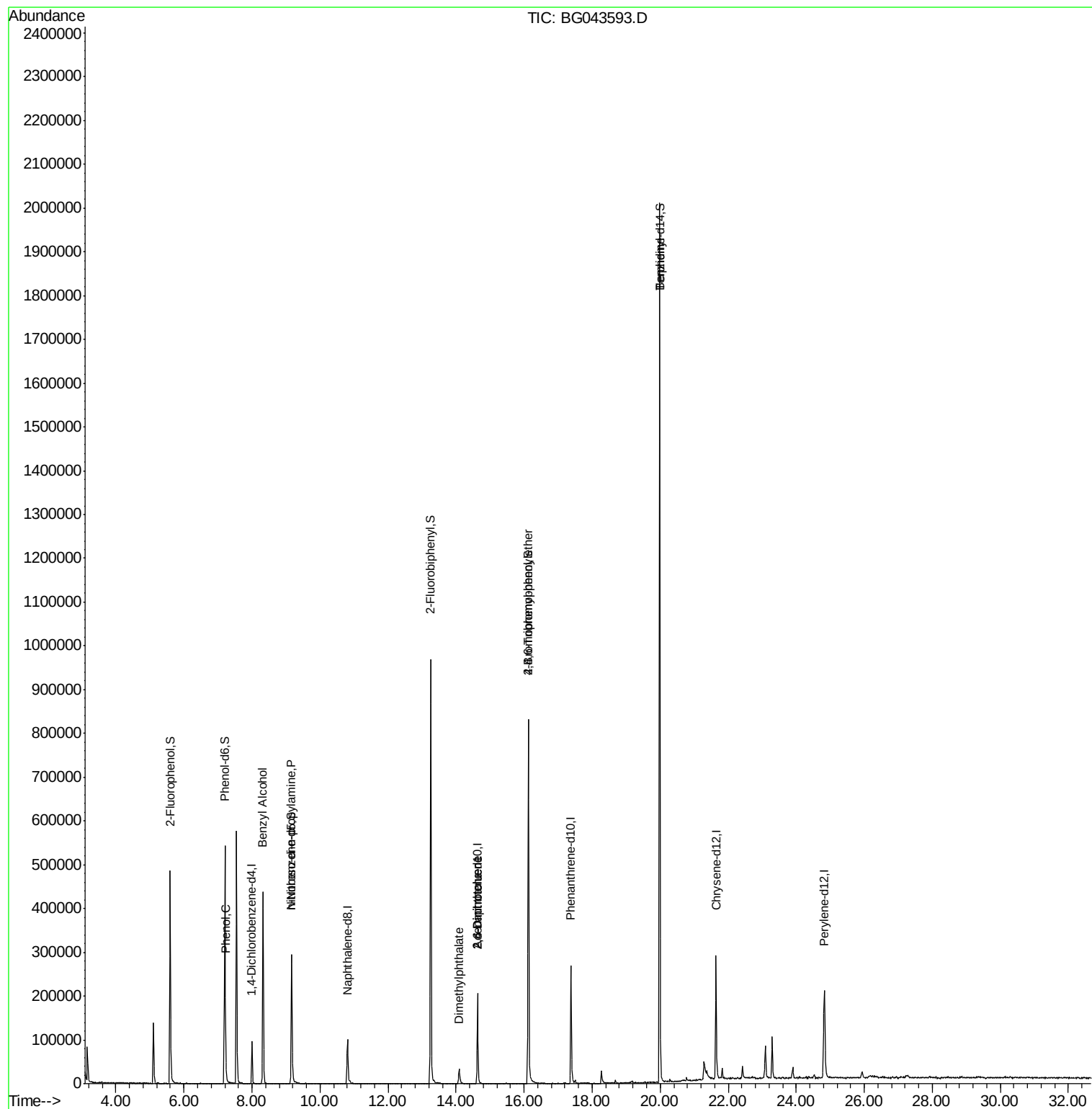
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29031	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107668	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	84663	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	218149	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	195908	20.00	ng	-0.01
87) Perylene-d12	24.83	264	236030	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233855	147.61	ng	0.00
7) Phenol-d6	7.20	99	338430	148.47	ng	0.00
23) Nitrobenzene-d5	9.16	82	206398	98.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	214164	132.93	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	569244	92.91	ng	-0.01
79) Terphenyl-d14	19.99	244	1078539	103.28	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	19489	9.357	ng	94
15) Benzyl Alcohol	8.32	79	4158	2.597	ng	# 46
19) n-Nitroso-di-n-propylamine	9.16	70	27749	18.840	ng	# 80
50) Dimethylphthalate	14.09	163	36906	5.628	ng	97
51) 2,6-Dinitrotoluene	14.63	165	11326	7.950	ng	# 22
57) 2,4-Dinitrotoluene	14.63	165	11326	5.563	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	13383	4.559	ng	# 1
77) Benzidine	19.99	184	16109	4.086	ng	# 96

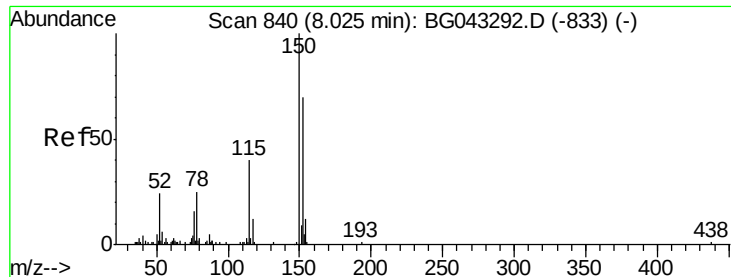
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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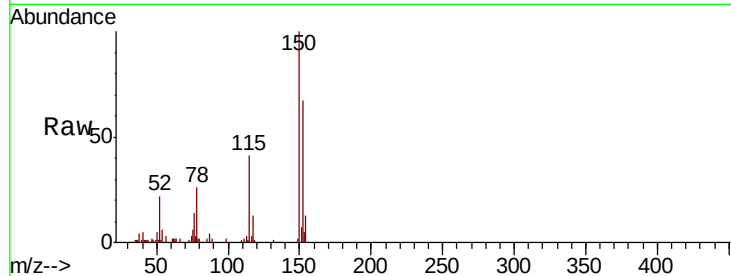


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TP-2A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	129.4	194.0
115	61.1	48.8	73.2

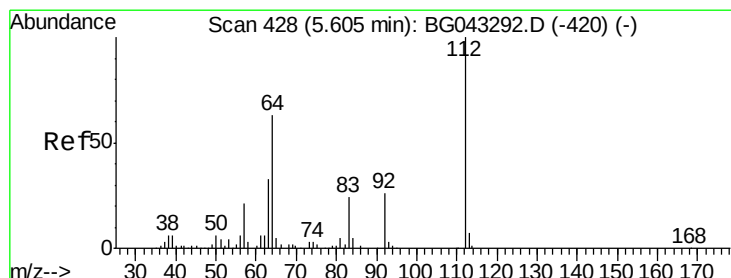
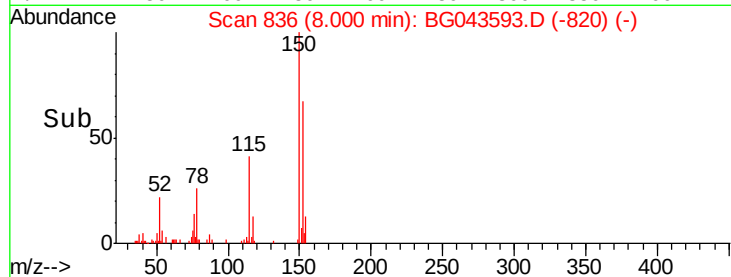
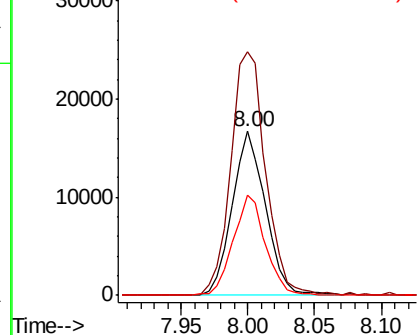


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

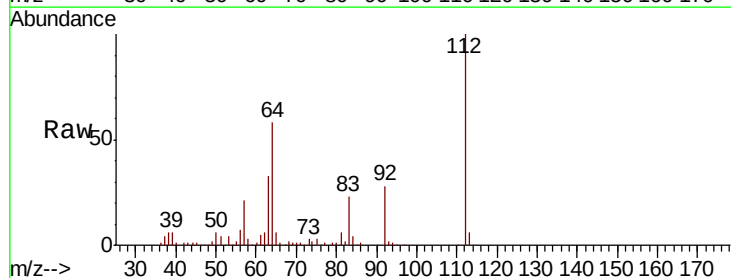
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.610 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	50.0	75.0
63	33.2	26.6	40.0

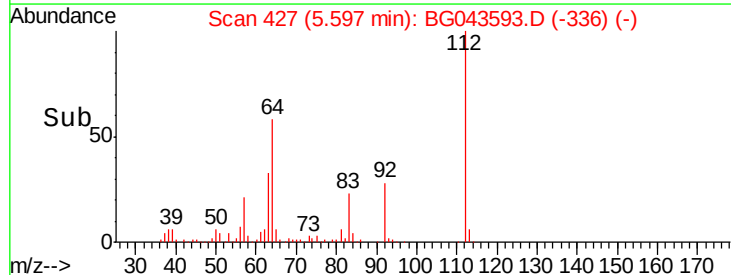
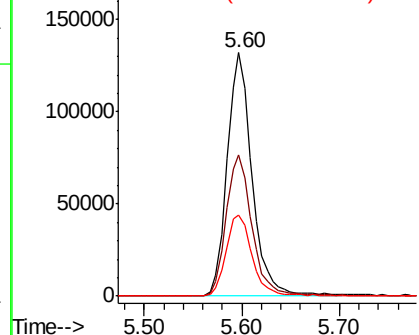


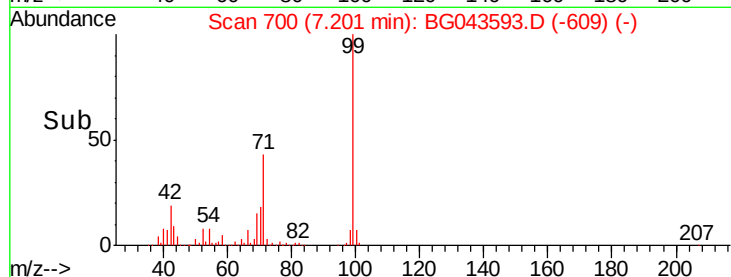
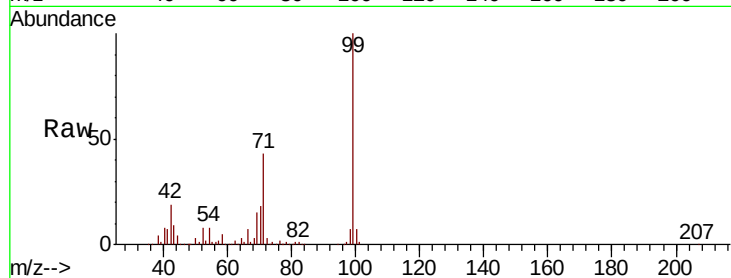
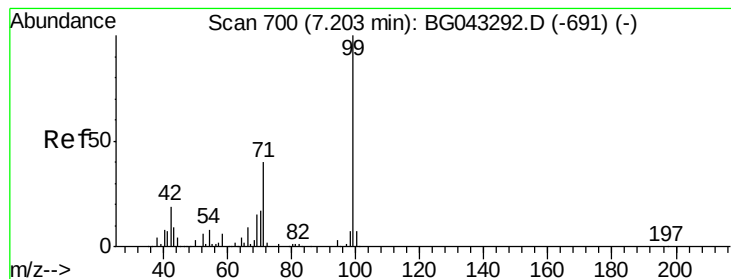
Abundance

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: 148.473 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043593.D

Acq: 11 Nov 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

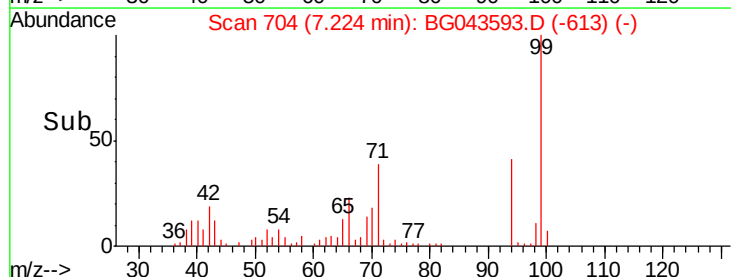
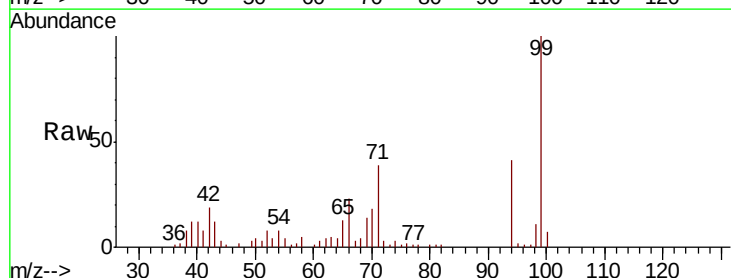
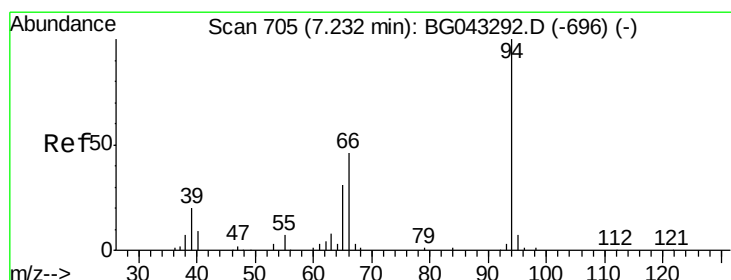
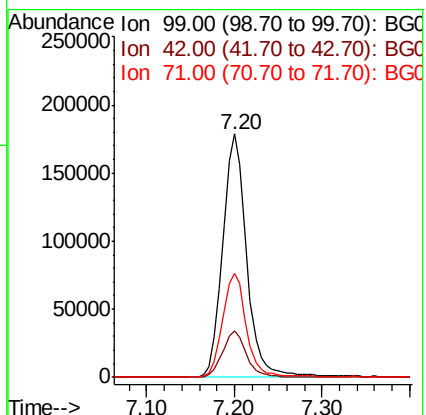
Tot Ion: 99 Resp: 338430

Ion Ratio Lower Upper

99 100

42 19.0 14.6 21.8

71 42.8 32.5 48.7



#10

Phenol

Concen: 9.357 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043593.D

Acq: 11 Nov 2019 21:16

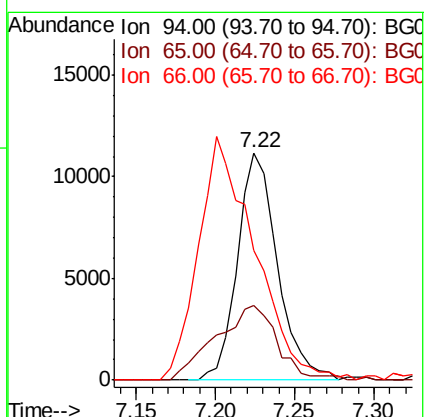
Tgt Ion: 94 Resp: 19489

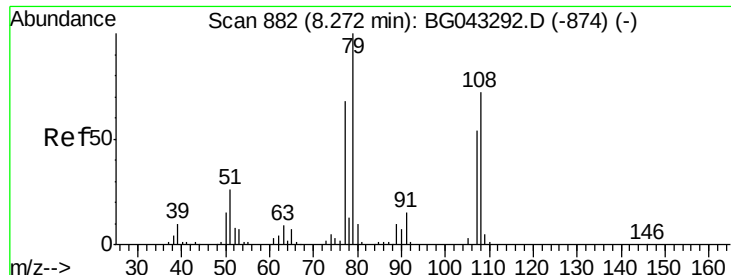
Ion Ratio Lower Upper

94 100

65 32.8 12.6 52.6

66 57.1 30.7 70.7





#15

Benzyl Alcohol

Concen: 2.597 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.07 min

Lab File: BG043593.D

Acq: 11 Nov 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

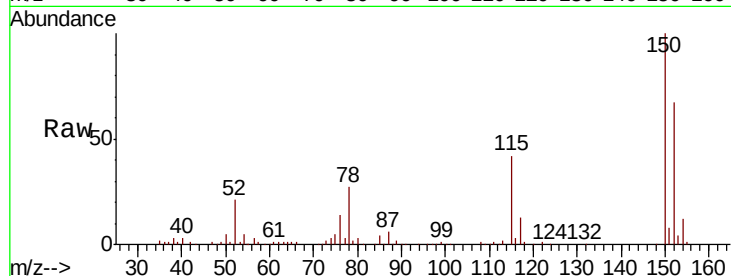
Tot Ion: 79 Resp: 4158

Ion Ratio Lower Upper

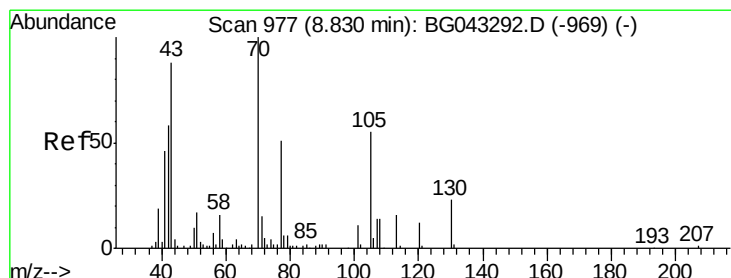
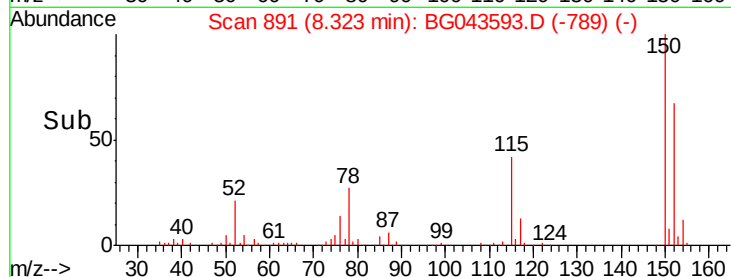
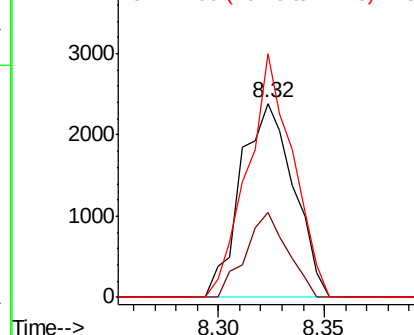
79 100

108 43.9 53.6 80.4#

77 125.3 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: 18.840 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG043593.D

Acq: 11 Nov 2019 21:16

Tgt Ion: 70 Resp: 27749

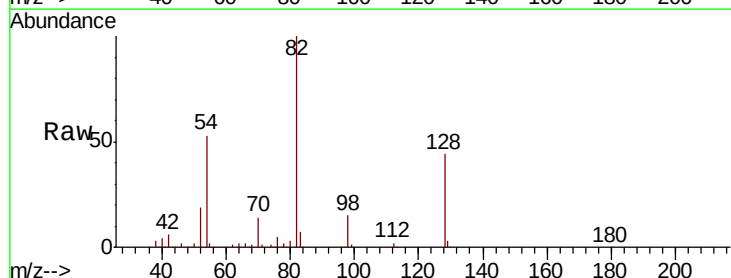
Ion Ratio Lower Upper

70 100

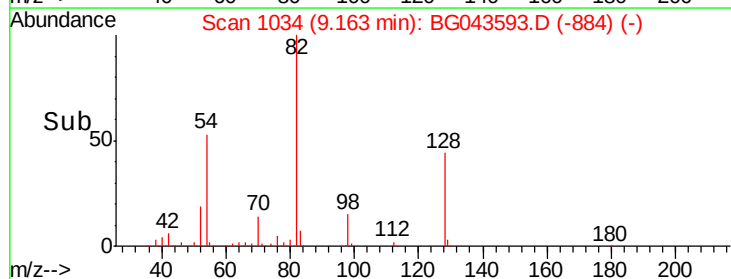
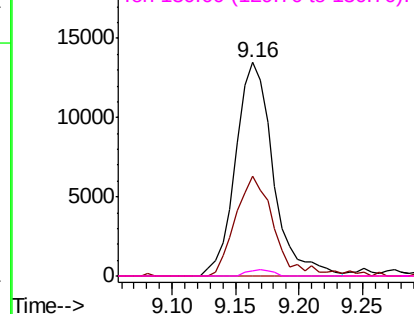
42 46.8 41.4 62.2

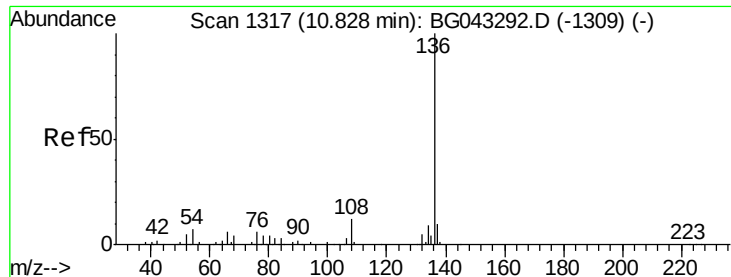
101 0.0 7.9 11.9#

130 2.3 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: BG043593.D

Acq: 11 Nov 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

Tot Ion:136 Resp: 107668

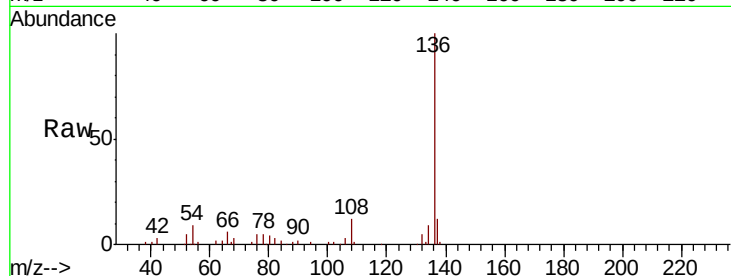
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.2 5.4 8.2#

68 3.5 3.0 4.4

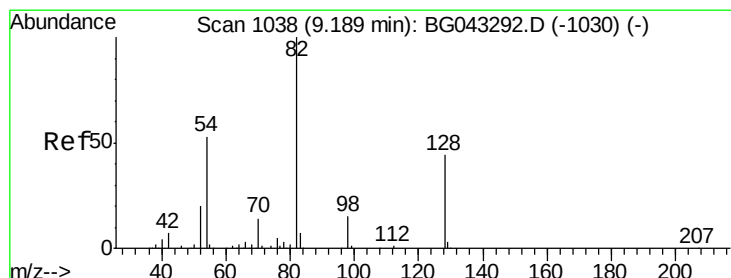
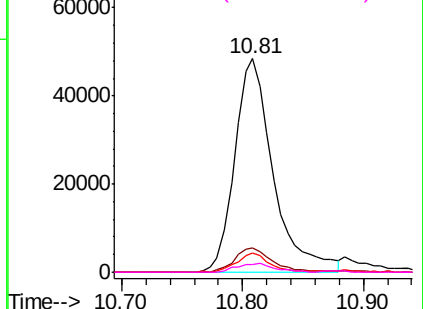
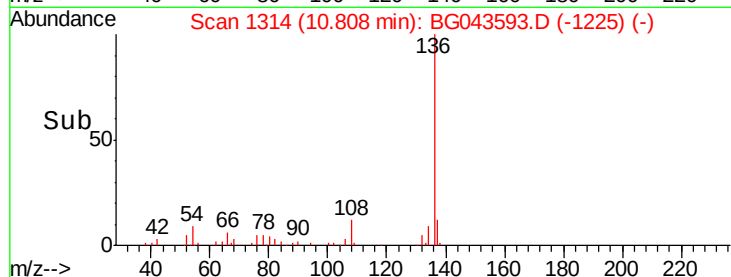


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 98.829 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043593.D

Acq: 11 Nov 2019 21:16

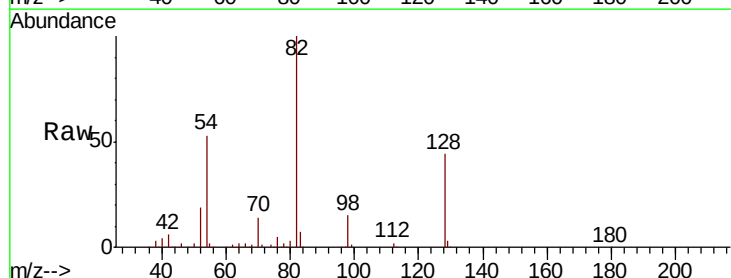
Tgt Ion: 82 Resp: 206398

Ion Ratio Lower Upper

82 100

128 43.8 35.0 52.6

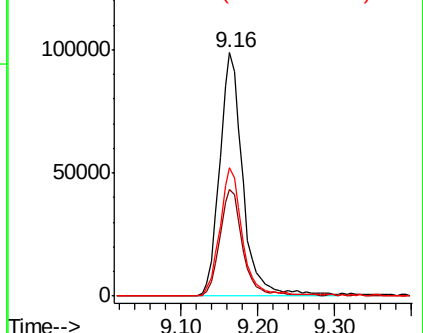
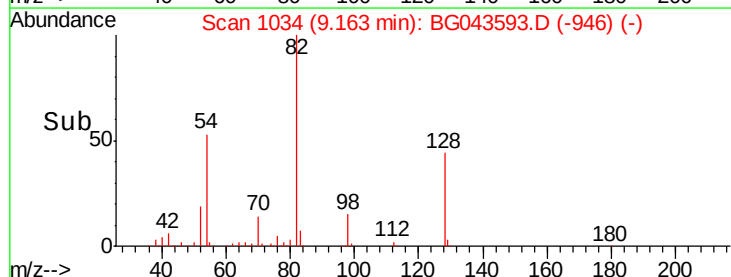
54 52.6 40.2 60.2

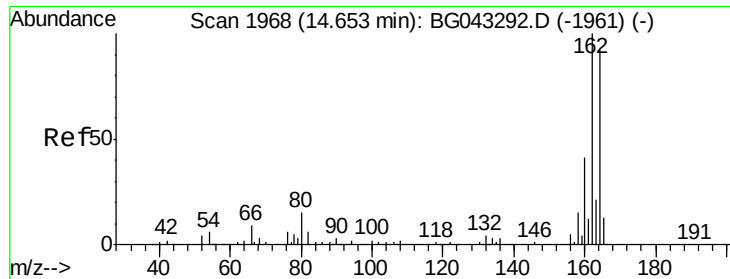


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG

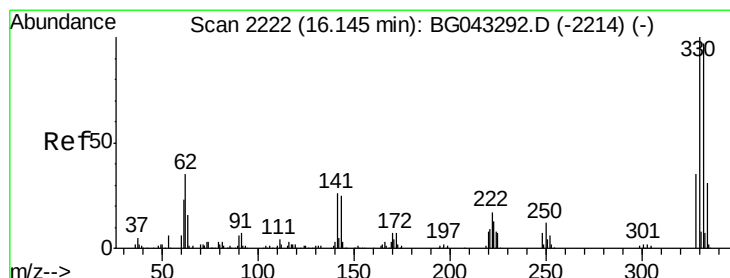
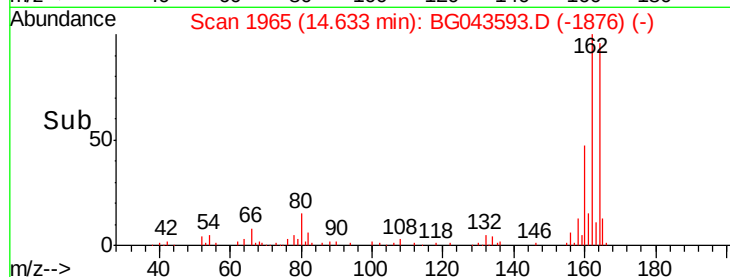
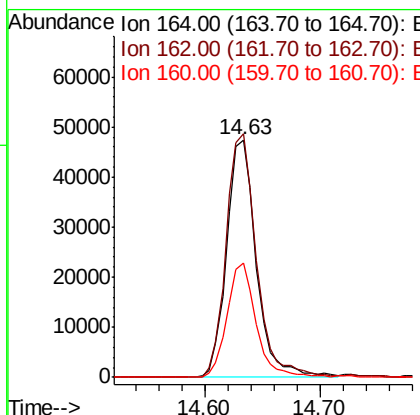
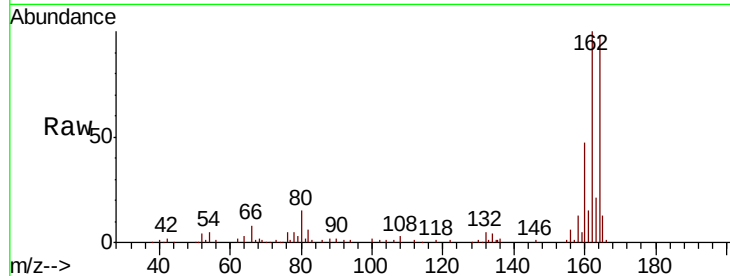




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

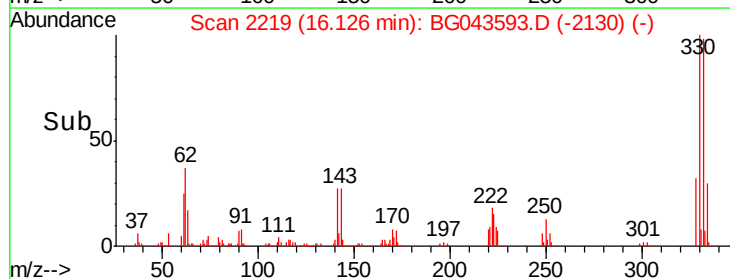
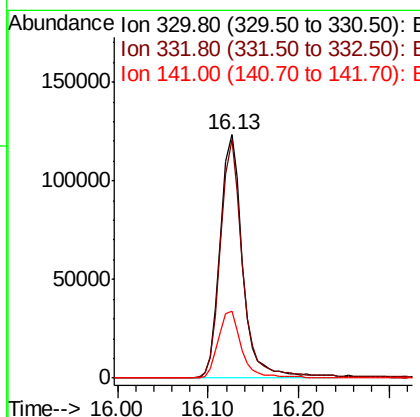
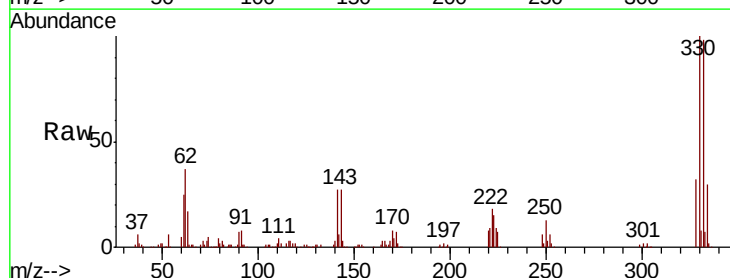
Instrument :
 BNA_G
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 TP-2A-COMP

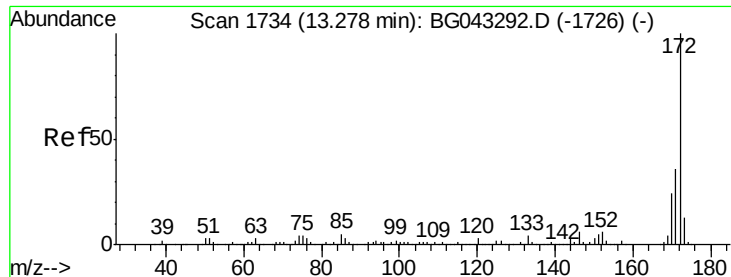
Tot Ion:164 Resp: 84663
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.5 125.3
 160 48.2 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 132.927 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

Tgt Ion:330 Resp: 214164
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 28.6 22.8 34.2

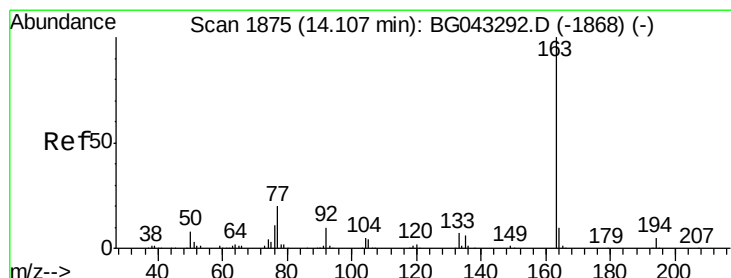
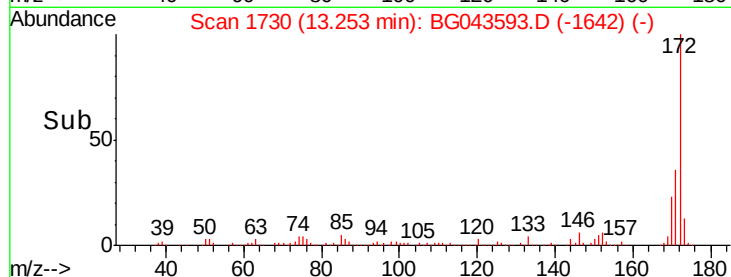
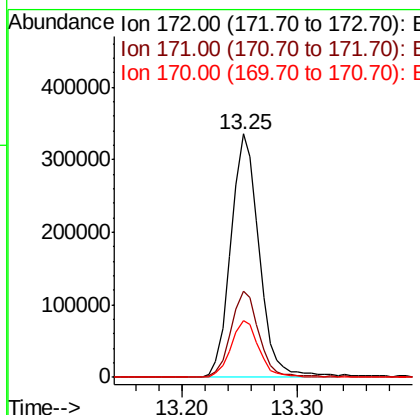
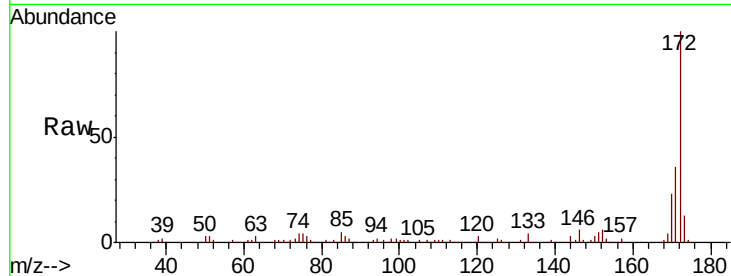




#45
2-Fluorobiphenyl
Concen: 92.908 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

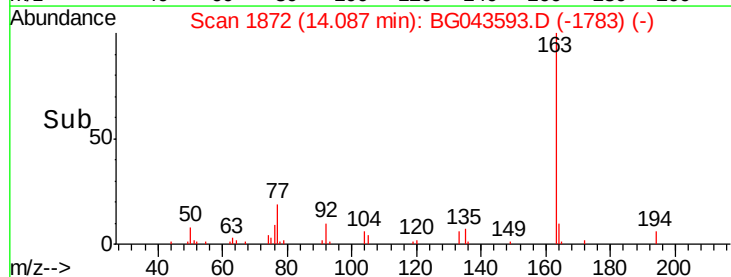
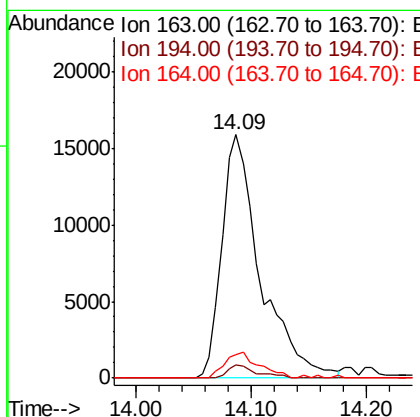
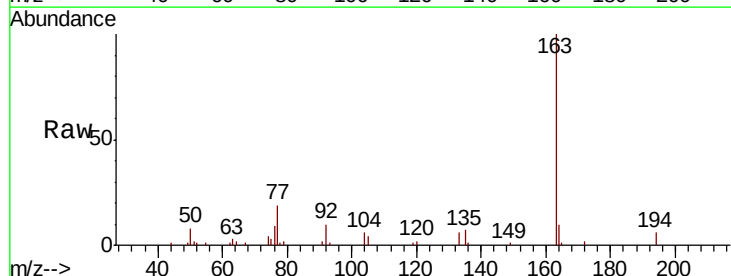
Instrument :
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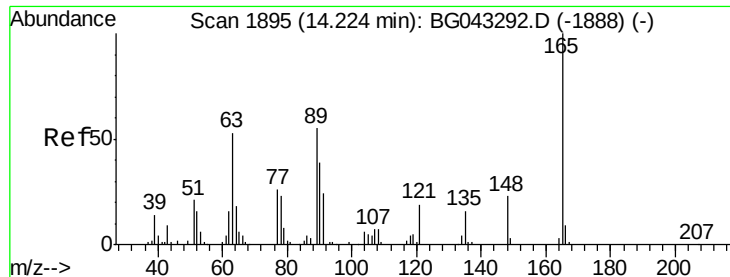
Tot Ion:172 Resp: 569244
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.5 18.5 27.7



#50
Dimethylphthalate
Concen: 5.628 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

Tgt Ion:163 Resp: 36906
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 9.7 8.9 13.3

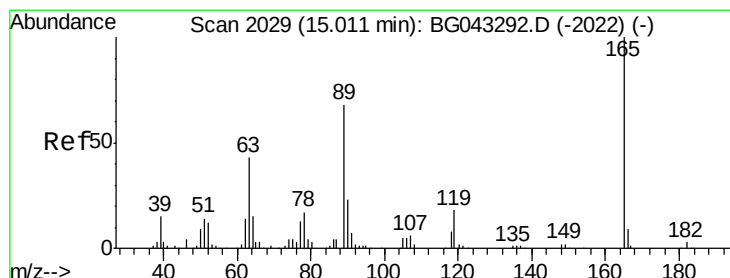
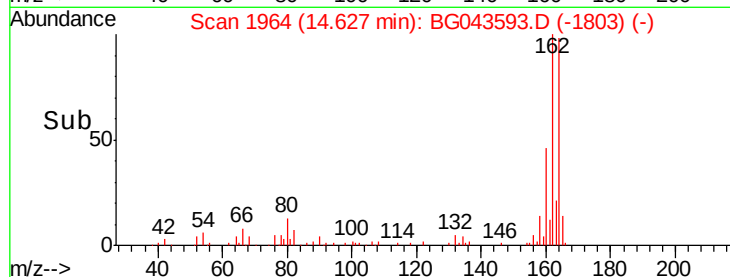
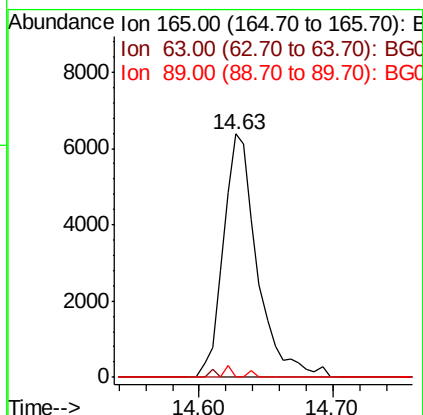
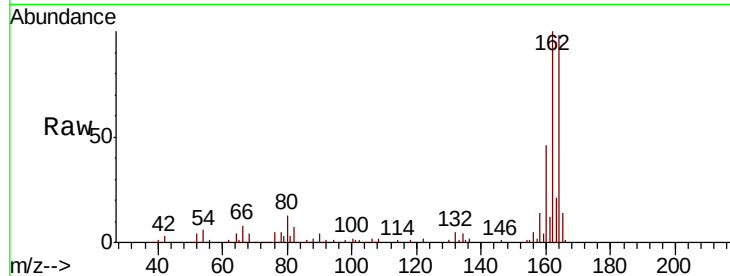




#51
 2,6-Dinitrotoluene
 Concen: 7.950 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.42 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

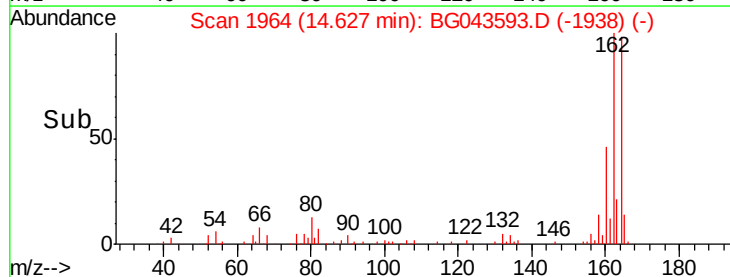
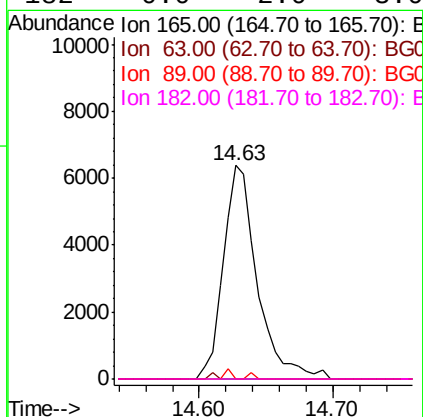
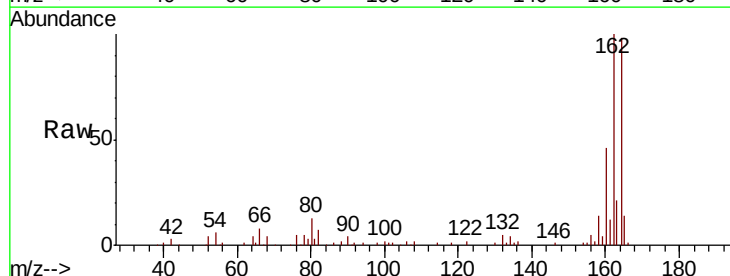
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 TP-2A-COMP

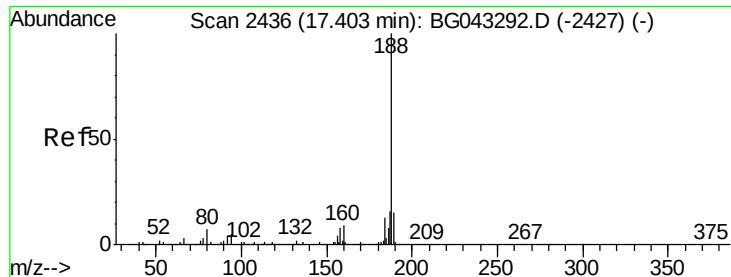
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.563 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.38 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

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#

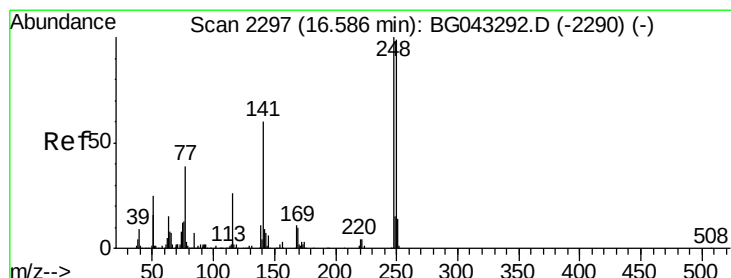
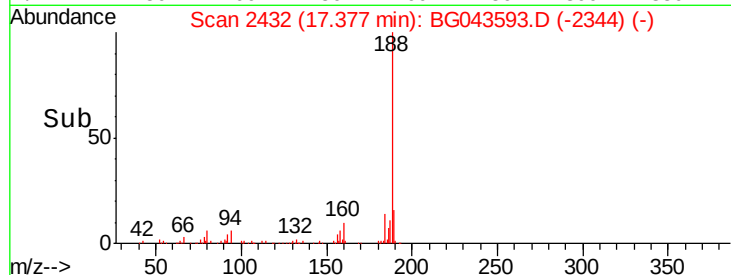
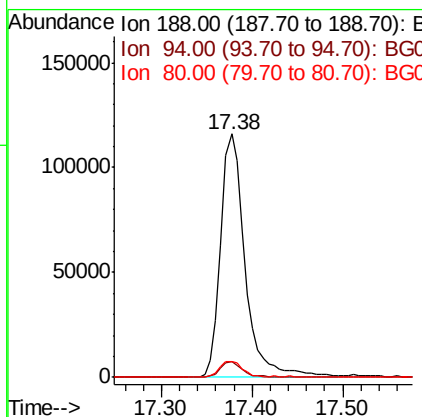
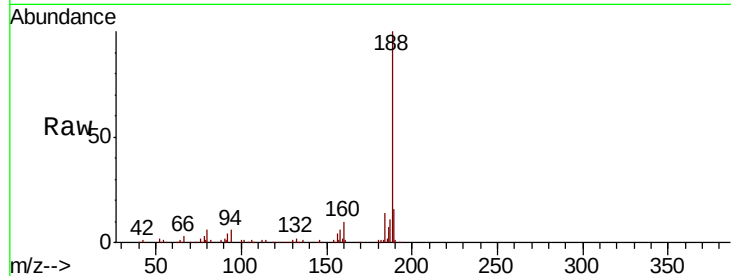




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

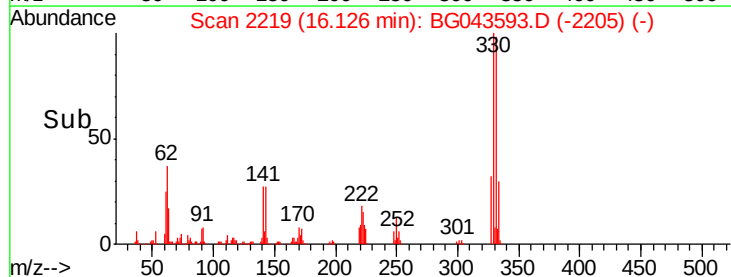
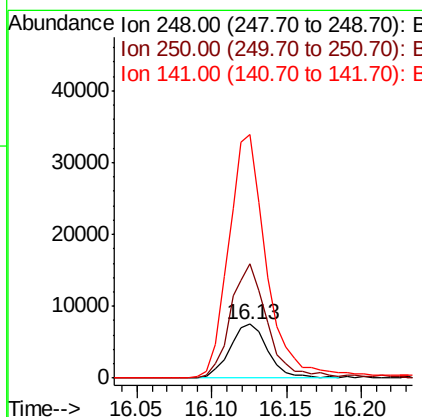
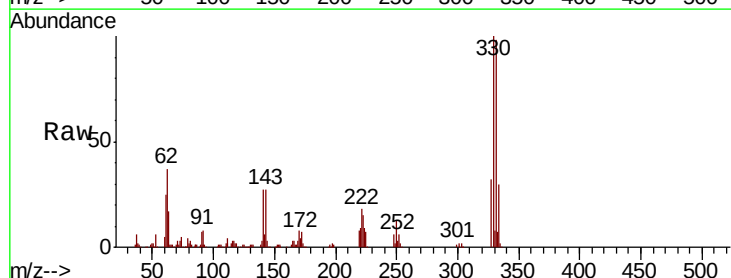
Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

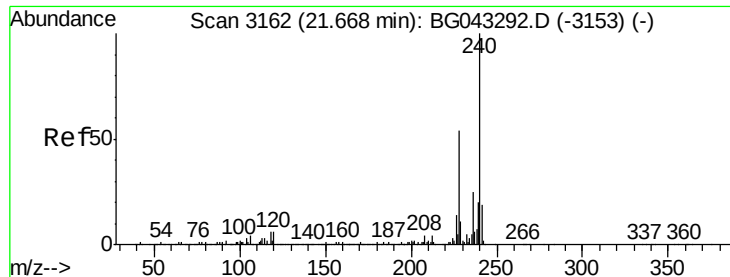
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	6.4	4.5	6.7



#67
 4-Bromophenyl-phenylether
 Concen: 4.559 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.45 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	212.7	77.0	115.4#
141	450.6	47.5	71.3#

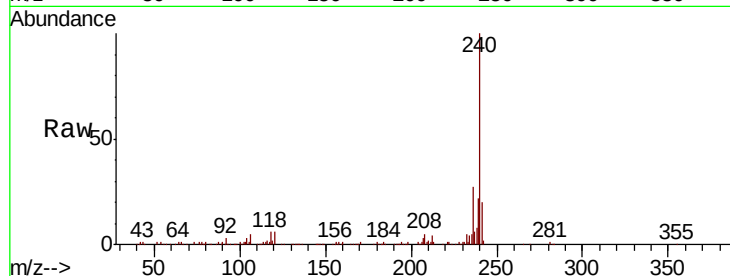




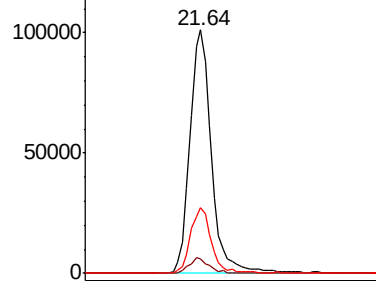
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

Instrument :
BNA_G
ClientSampled :
TP-2A-COMP

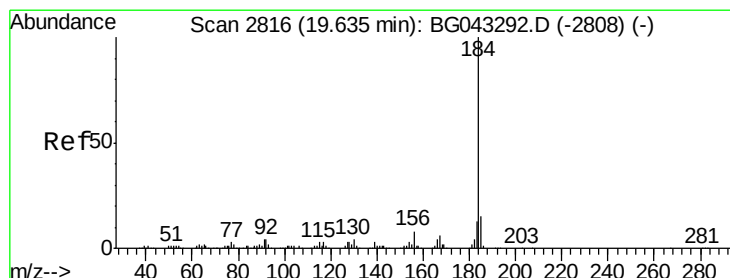
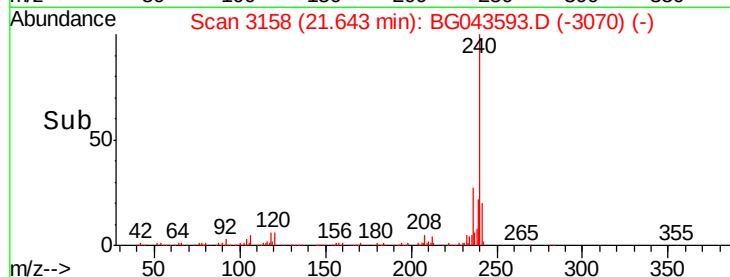
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	6.8
236	26.9	19.8	29.8



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

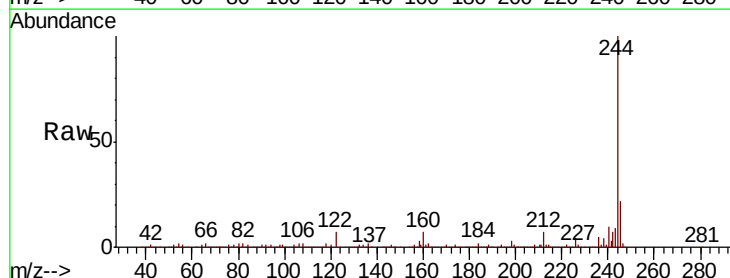


Time--> 21.50 21.60 21.70 21.80

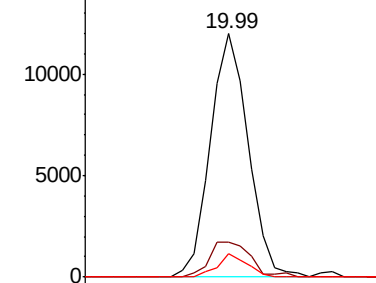


#77
Benzidine
Concen: 4.086 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043593.D
Acq: 11 Nov 2019 21:16

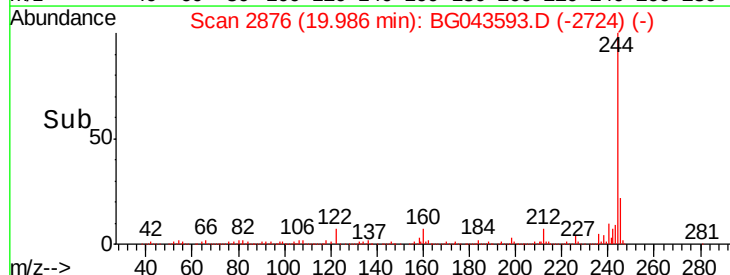
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.0	16.4
183	9.8	10.0	15.0#

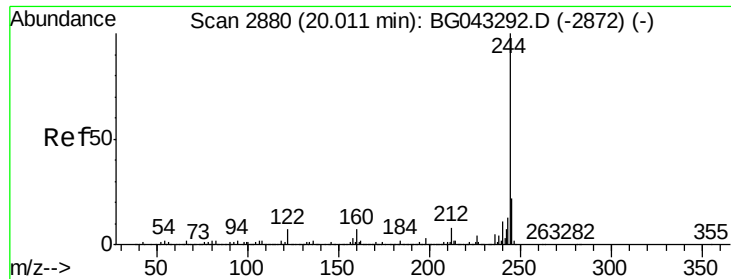


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.95 20.00 20.05



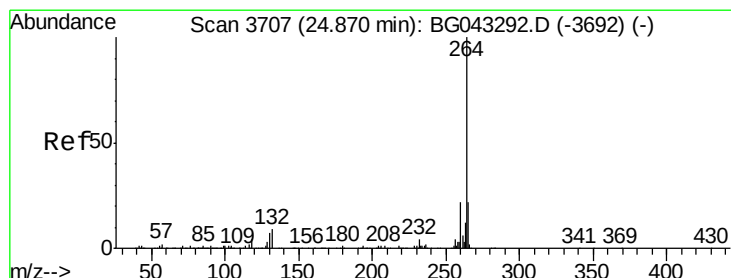
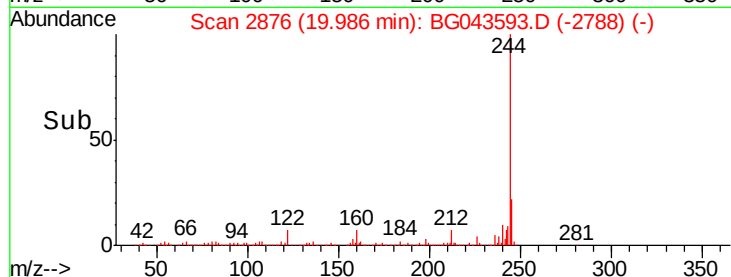
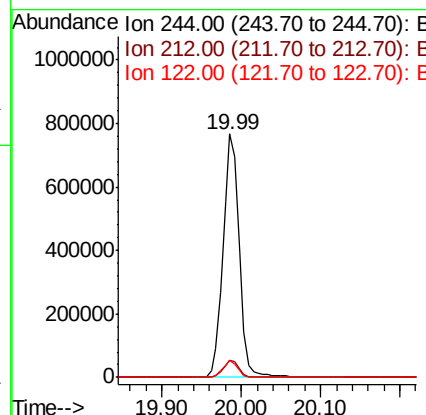
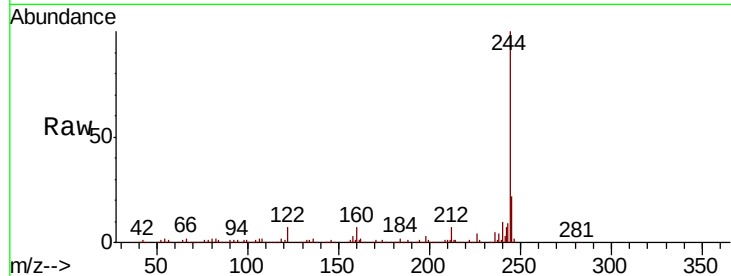


#79
 Terphenyl-d14
 Concen: 103.283 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Tot Ion:244 Resp: 1078539

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.1	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.03 min
 Lab File: BG043593.D
 Acq: 11 Nov 2019 21:16

Tgt Ion:264 Resp: 236030

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.5	17.4	26.0

