

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044605.D
 Acq On : 26 Feb 2020 16:02
 Operator : CG/JU
 Sample : PB127106BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:43:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58904	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	255397	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	177925	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	413325	20.00	ng	0.00
76) Chrysene-d12	21.50	240	407994	20.00	ng	0.00
87) Perylene-d12	24.56	264	416369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	188696	51.40	ng	0.00
7) Phenol-d6	7.05	99	147838	29.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	413592	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	324114	128.47	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1022444	82.29	ng	0.00
79) Terphenyl-d14	19.88	244	1736412	80.57	ng	0.00

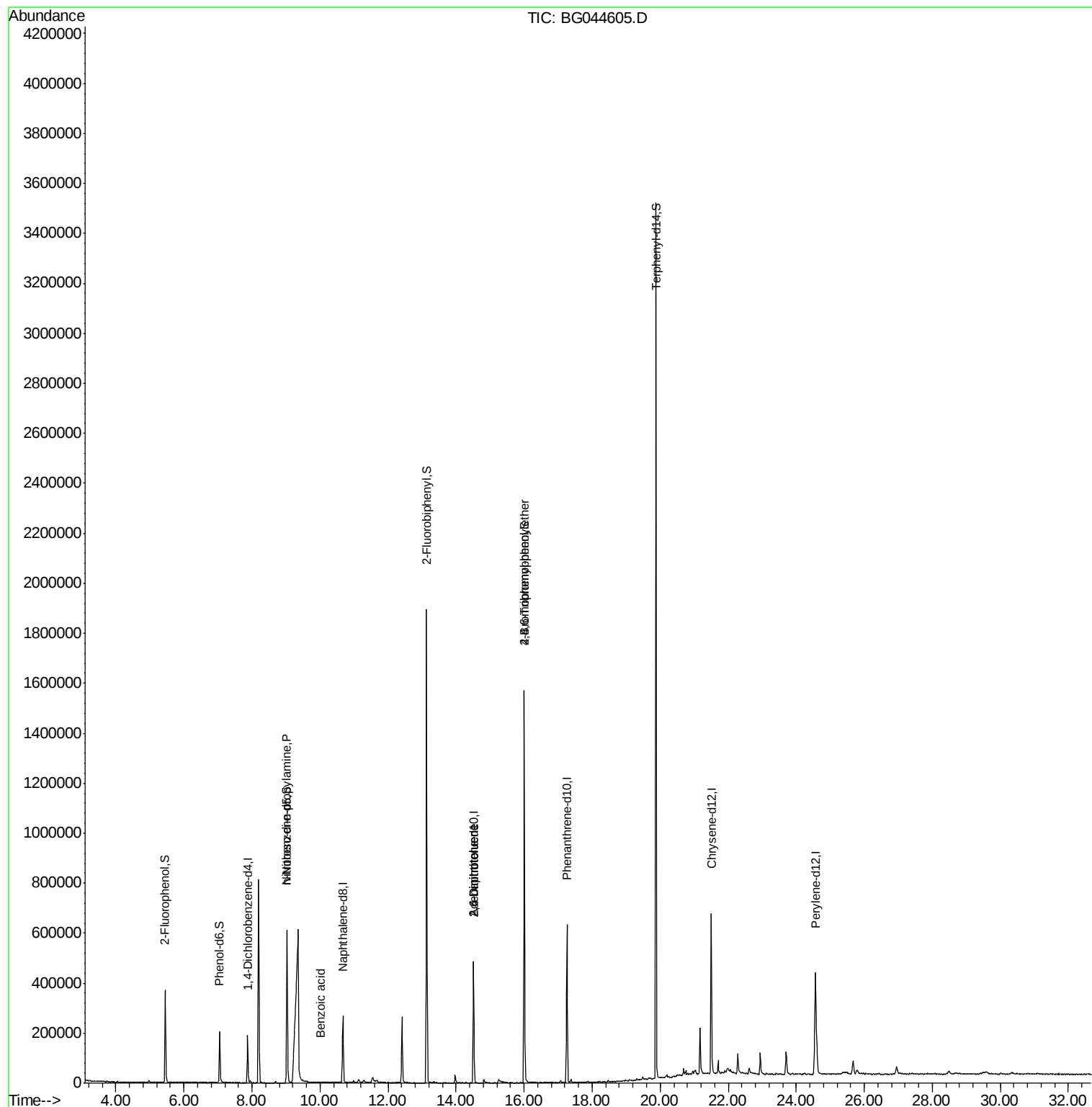
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.03	70	52982	16.402	ng	# 77
32) Benzoic acid	10.03	122	83	4.814	ng	# 89
51) 2,6-Dinitrotoluene	14.52	165	23207	7.327	ng	# 31
57) 2,4-Dinitrotoluene	14.52	165	23207	5.212	ng	# 30
67) 4-Bromophenyl-phenylether	16.00	248	22691	4.423	ng	# 1

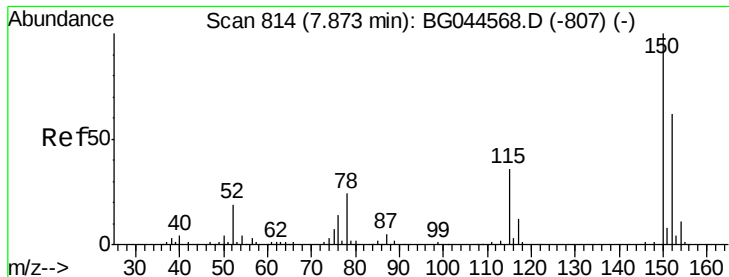
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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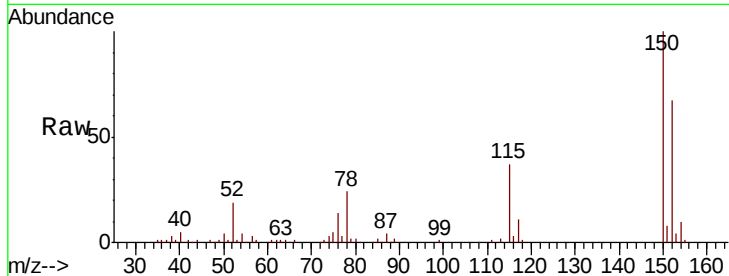


#1

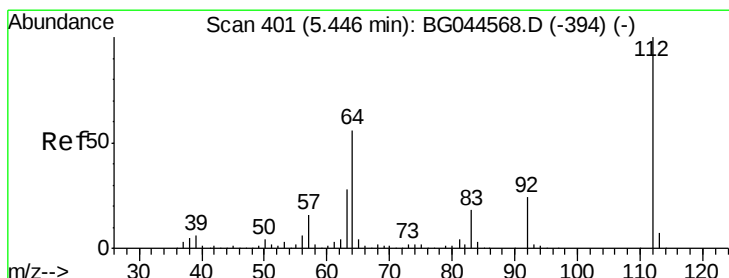
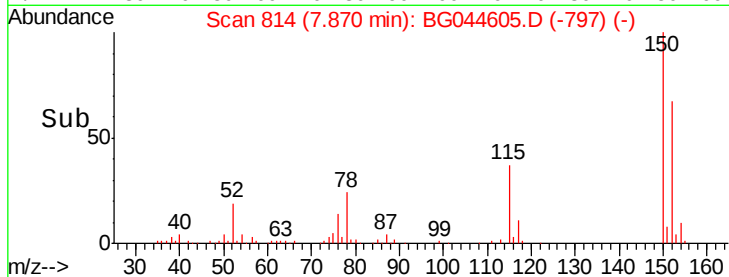
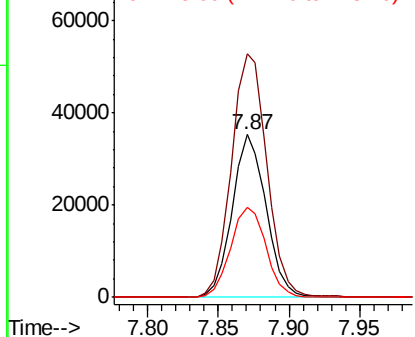
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58904
Ion Ratio Lower Upper
152 100
150 149.9 128.9 193.3
115 55.7 47.0 70.4



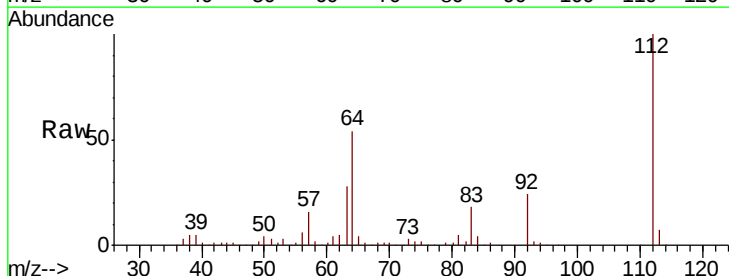
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



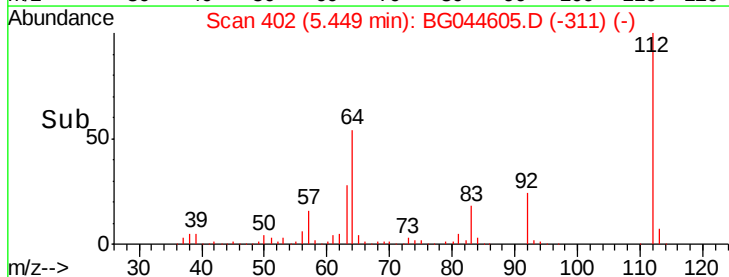
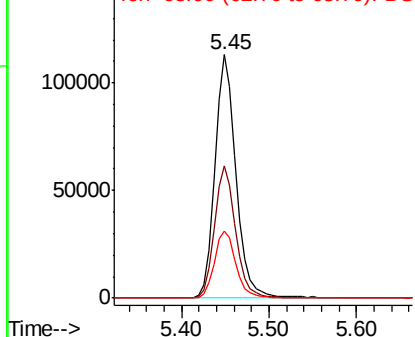
#5

2-Fluorophenol
Concen: 51.398 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Tgt Ion:112 Resp: 188696
Ion Ratio Lower Upper
112 100
64 54.4 44.8 67.2
63 27.6 22.3 33.5



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: 29.419 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

Instrument :

BNA_G

ClientSampled :

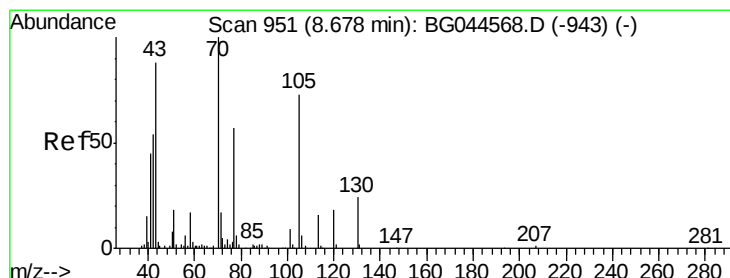
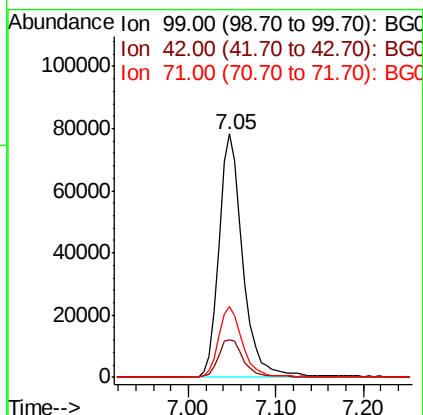
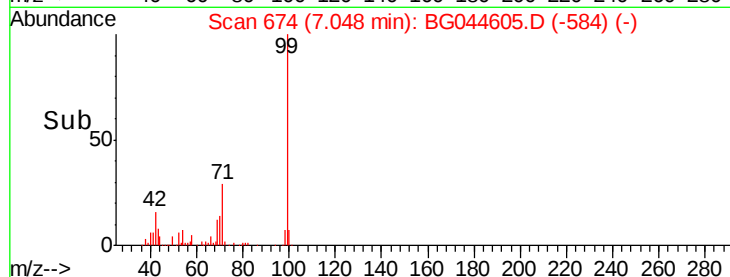
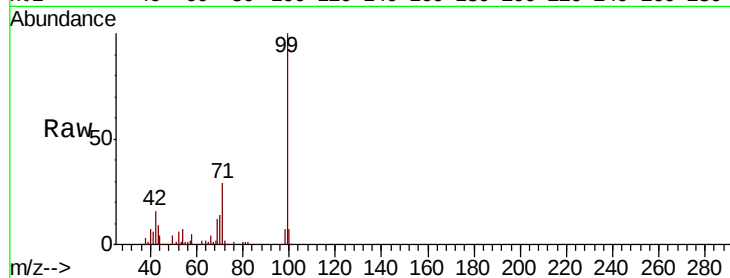
Tot Ion: 99 Resp: 147838

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 29.2 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.402 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044605.D

Acq: 26 Feb 2020 16:02

Tgt Ion: 70 Resp: 52982

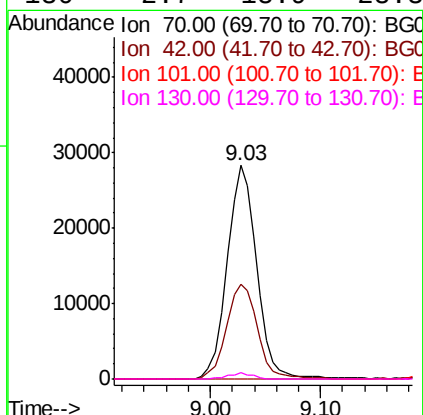
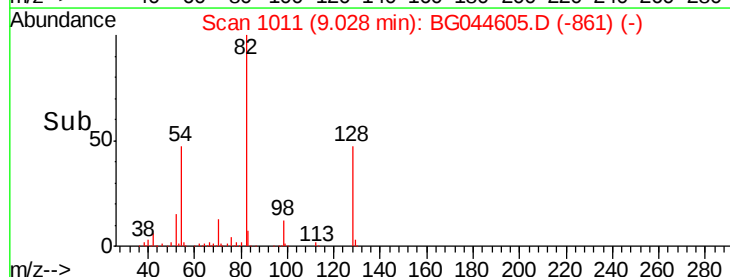
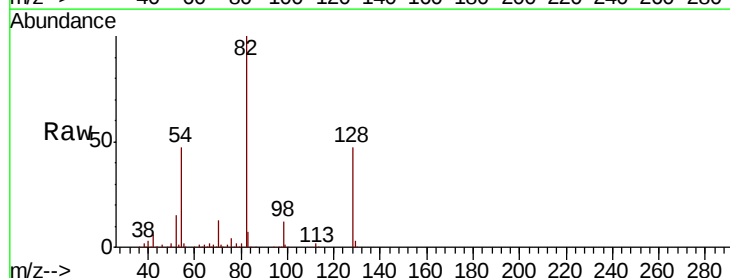
Ion Ratio Lower Upper

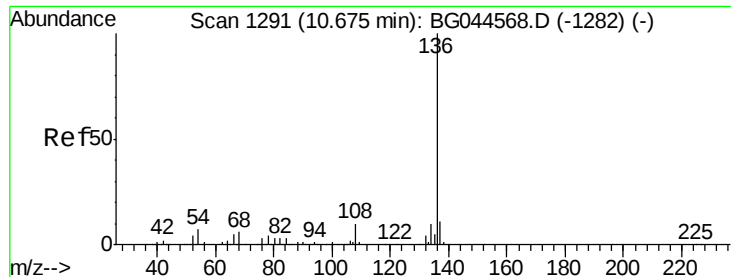
70 100

42 44.4 43.4 65.0

101 0.0 7.5 11.3#

130 2.7 18.9 28.3#

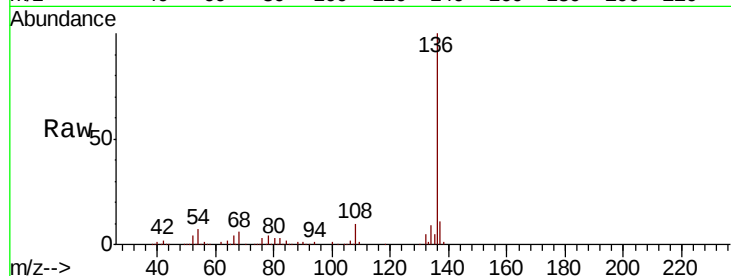




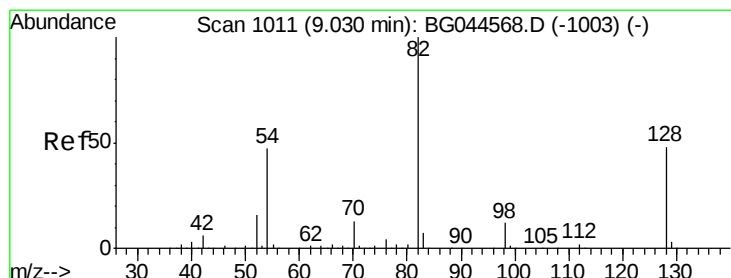
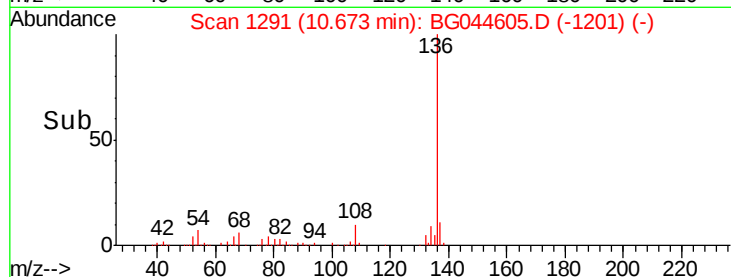
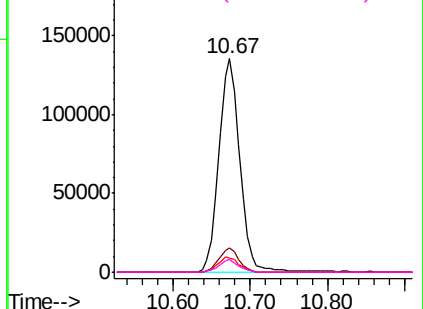
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	255397
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	6.8	5.7 8.5
68	6.0	4.5 6.7

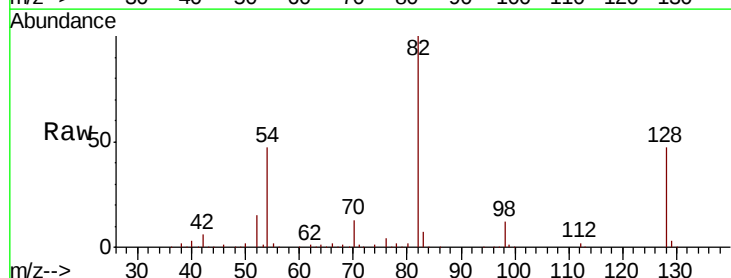


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

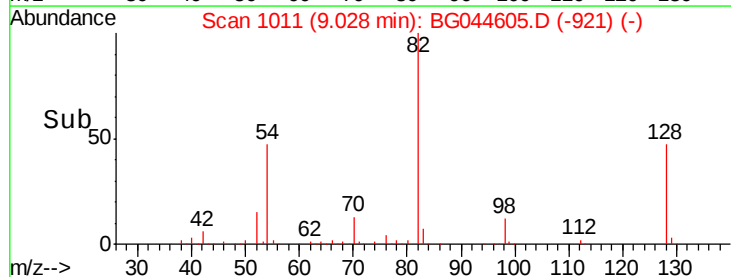
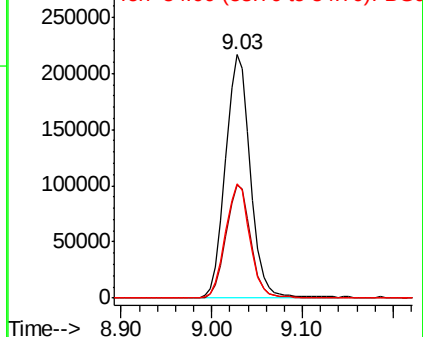


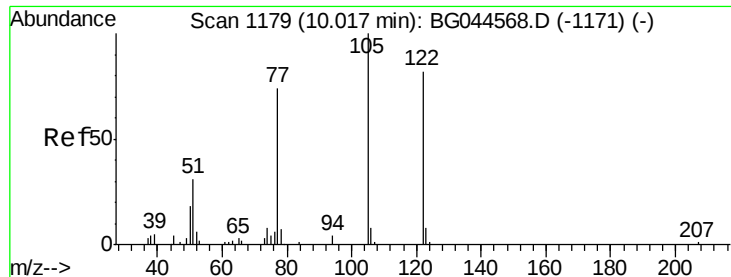
#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Tgt Ion: 82	Resp:	413592
Ion	Ratio	Lower Upper
82	100	
128	46.5	38.1 57.1
54	46.7	37.5 56.3



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

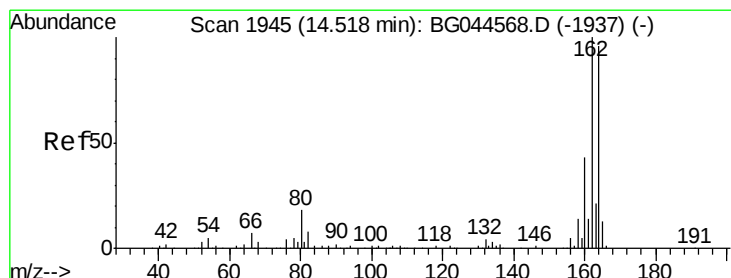
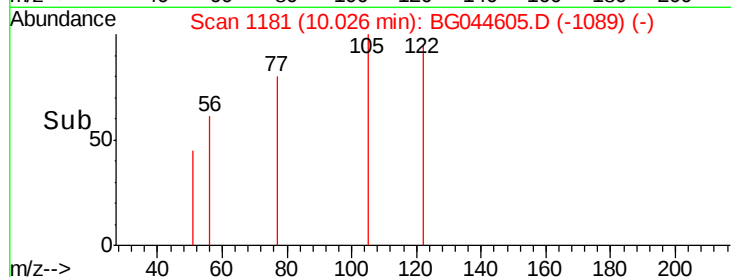
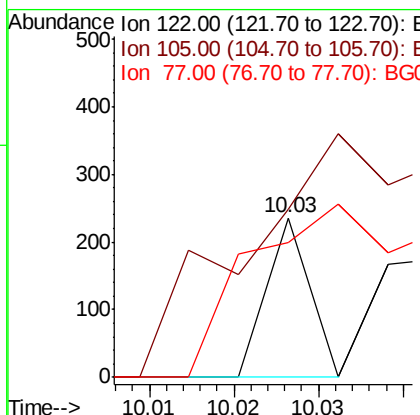
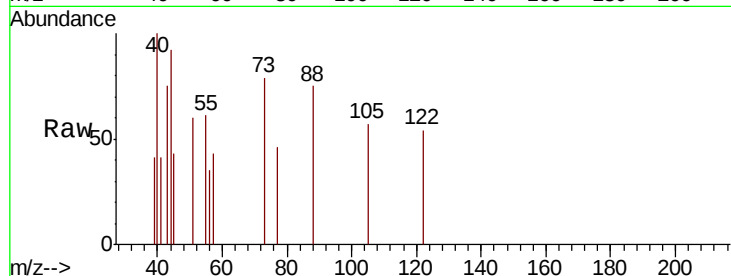




#32
Benzoic acid
Concen: 4.814 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

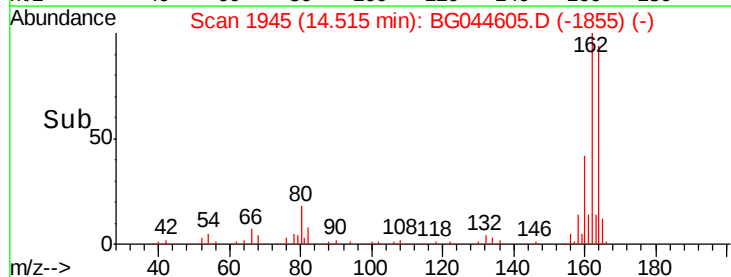
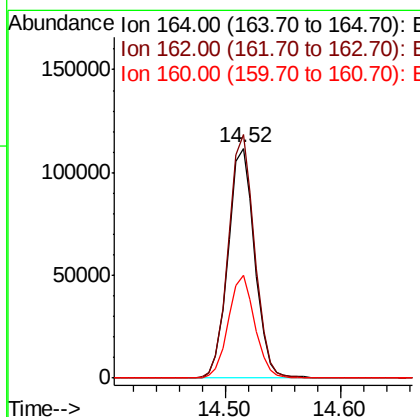
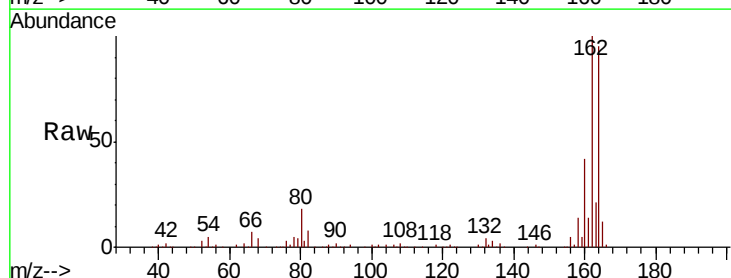
Instrument :
BNA_G
ClientSampled :

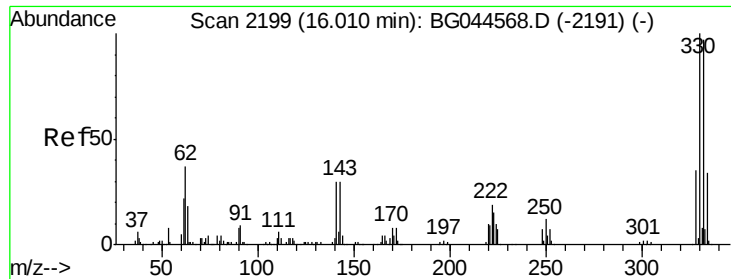
Tot Ion	Ratio	Lower	Upper
122	100		
105	105.1	101.4	141.4
77	84.3	69.8	109.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.6	125.4
160	44.7	36.2	54.4

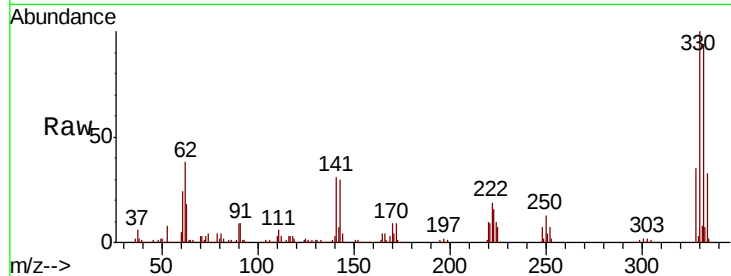




#42
 2,4,6-Tribromophenol
 Concen: 128.472 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	33.6	26.1	39.1

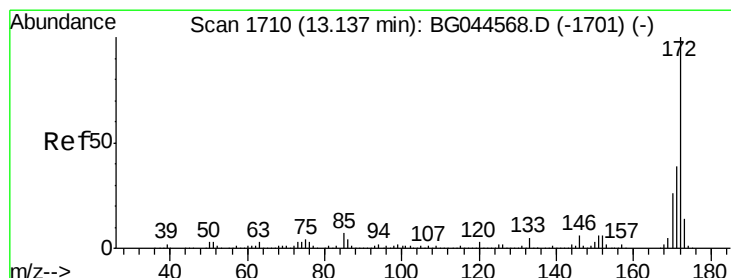
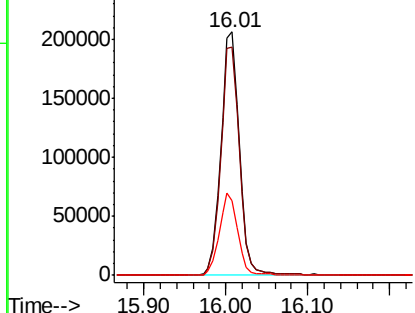
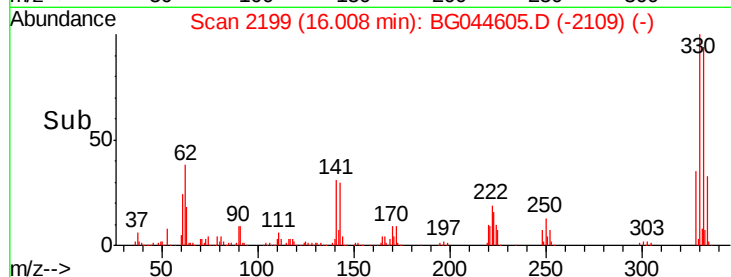


Abundance

Ion 329.80 (329.50 to 330.50): E

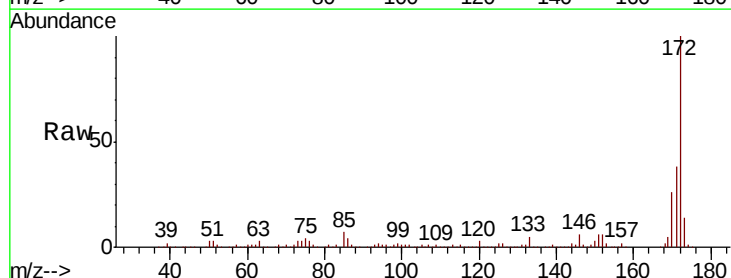
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.289 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.9	21.0	31.4

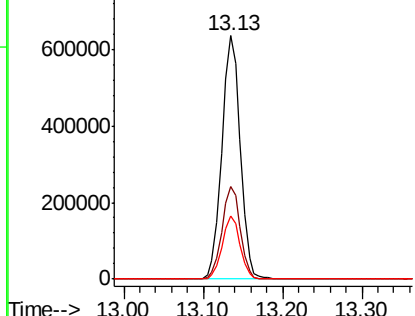
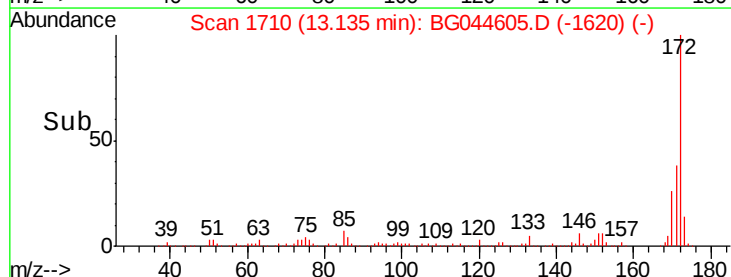


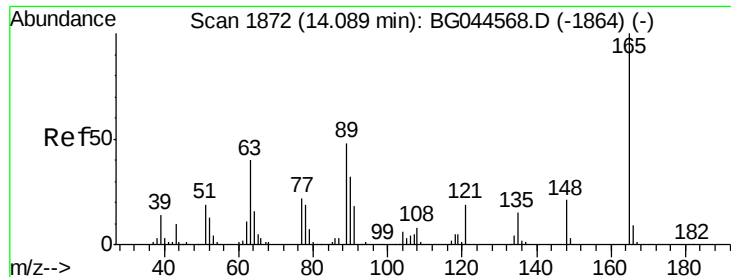
Abundance

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

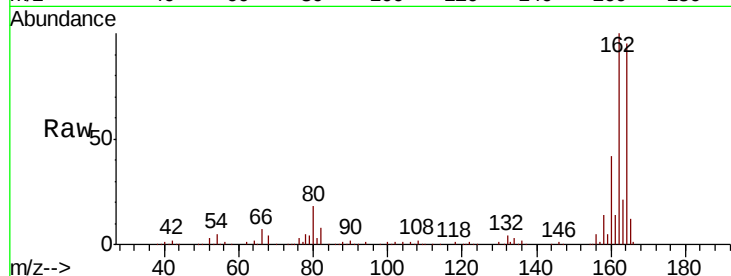




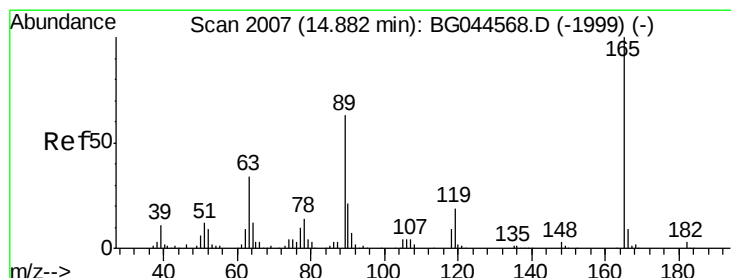
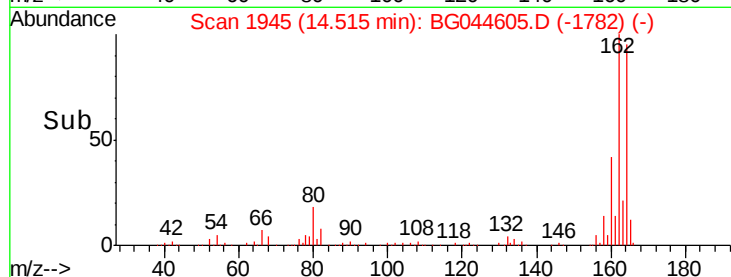
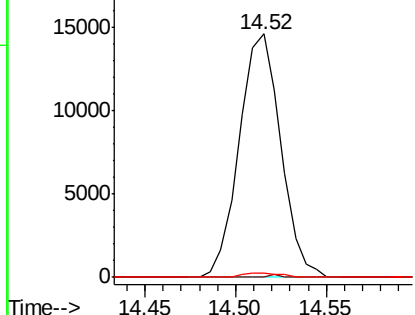
#51
 2,6-Dinitrotoluene
 Concen: 7.327 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.43 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	1.7	38.7	58.1#



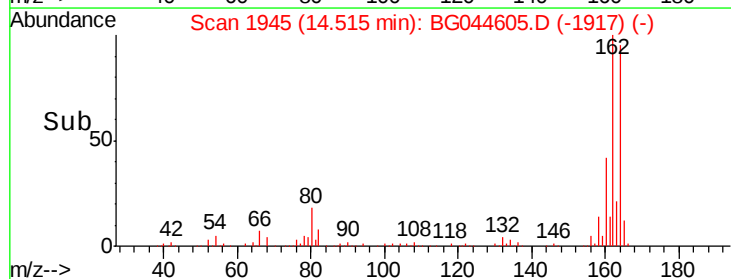
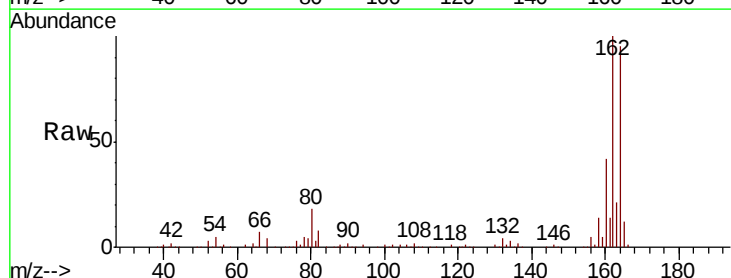
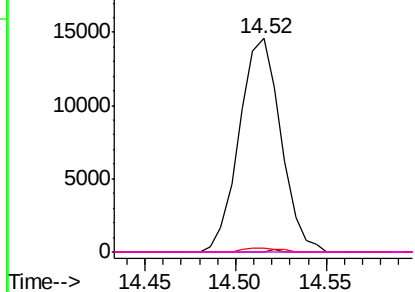
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

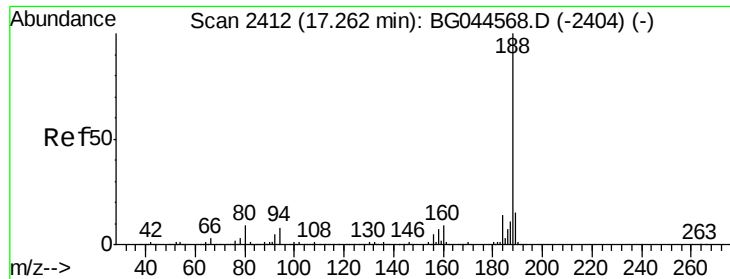


#57
 2,4-Dinitrotoluene
 Concen: 5.212 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.7	50.0	75.0#
182	0.0	2.3	3.5#

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

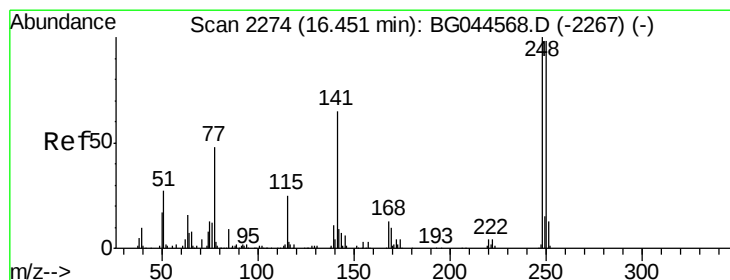
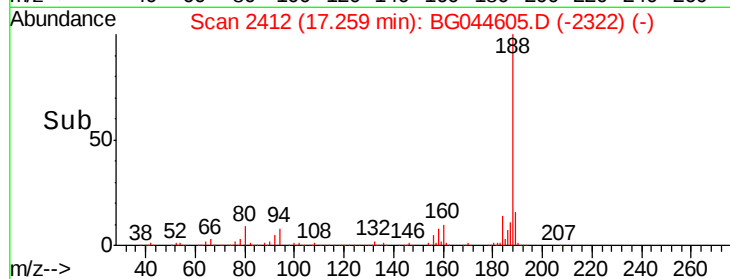
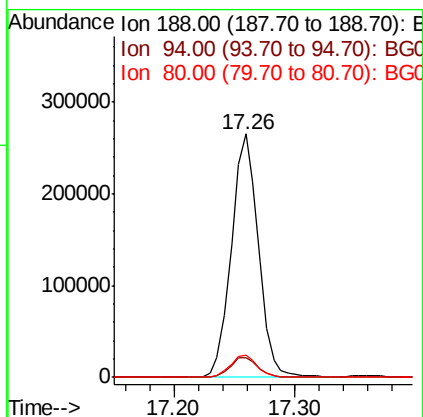
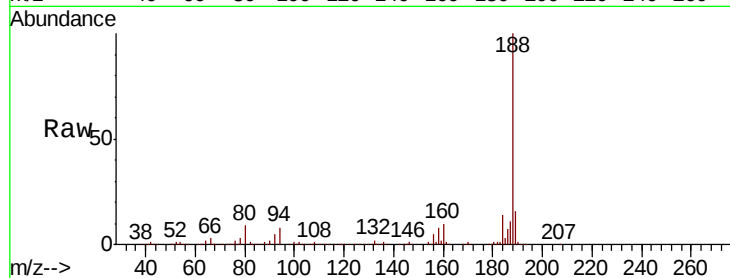




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

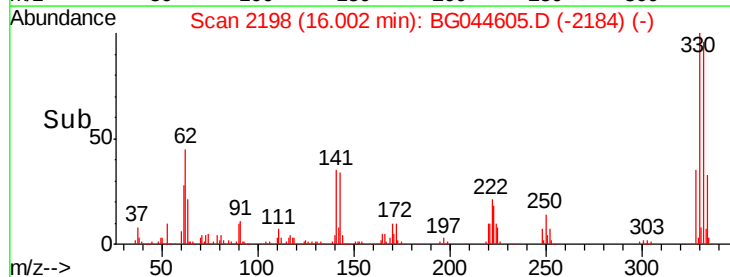
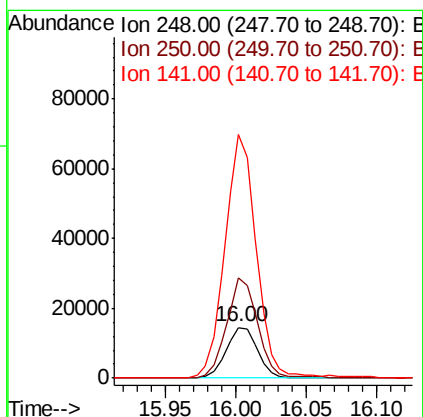
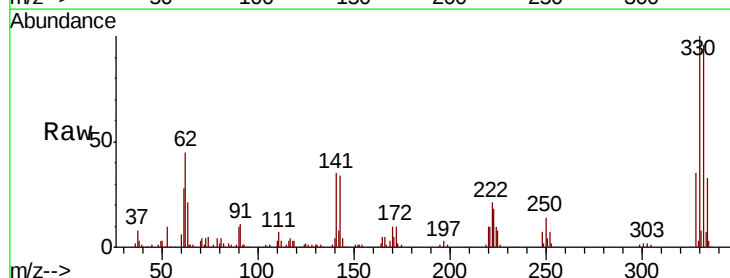
Instrument :
 BNA_G
 ClientSampleId :

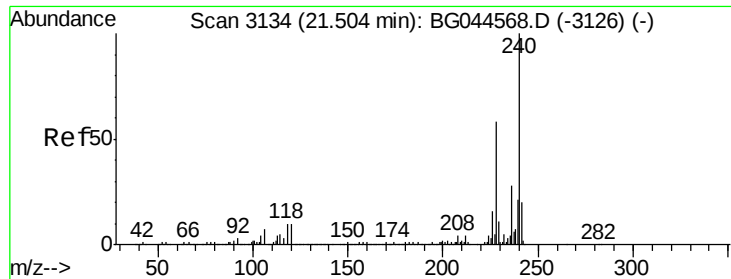
Tot Ion:188 Resp: 413325
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 9.1 7.6 11.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.423 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Tgt Ion:248 Resp: 22691
 Ion Ratio Lower Upper
 248 100
 250 196.8 78.7 118.1#
 141 479.9 52.3 78.5#

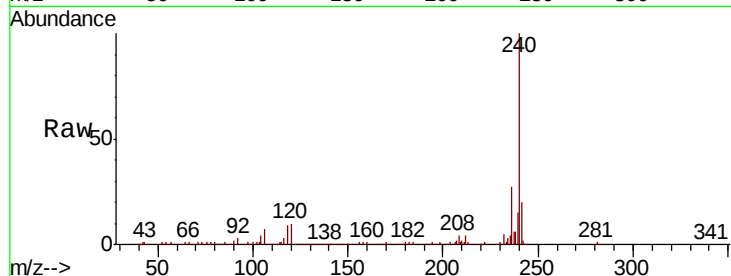




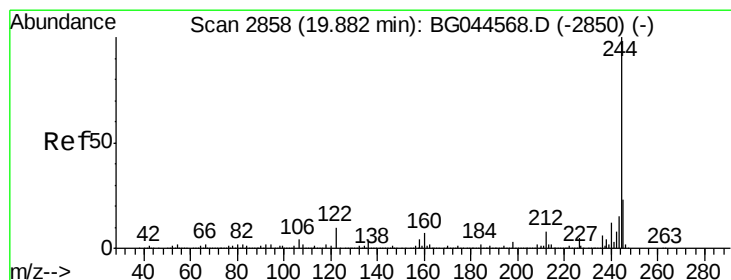
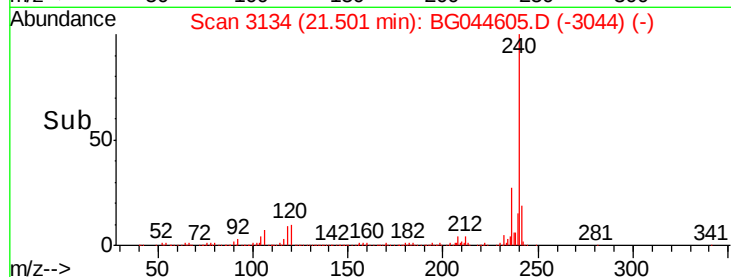
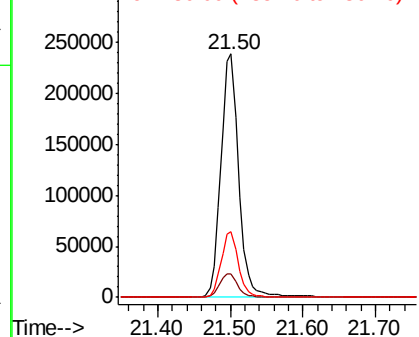
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 407994
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 27.1 22.3 33.5

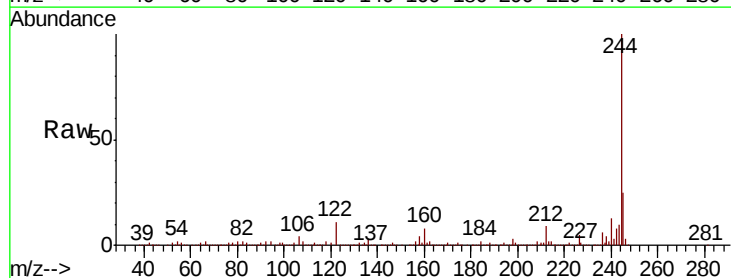


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

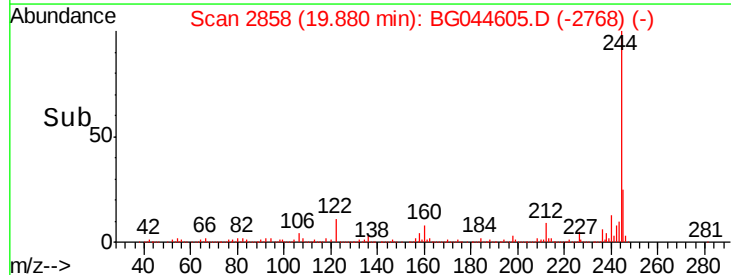
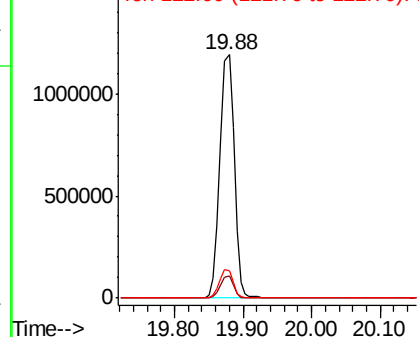


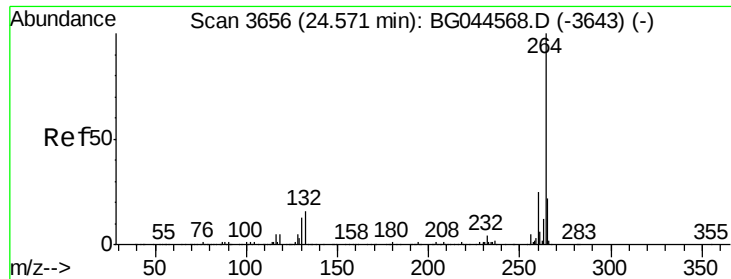
#79
 Terphenyl-d14
 Concen: 80.568 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BG044605.D
 Acq: 26 Feb 2020 16:02

Tgt Ion:244 Resp: 1736412
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.5 9.7
 122 11.3 8.2 12.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044605.D
Acq: 26 Feb 2020 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.9	17.8	26.8

