

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044310.D
 Acq On : 5 Feb 2020 18:45
 Operator : CG/JU
 Sample : L1390-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:11:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

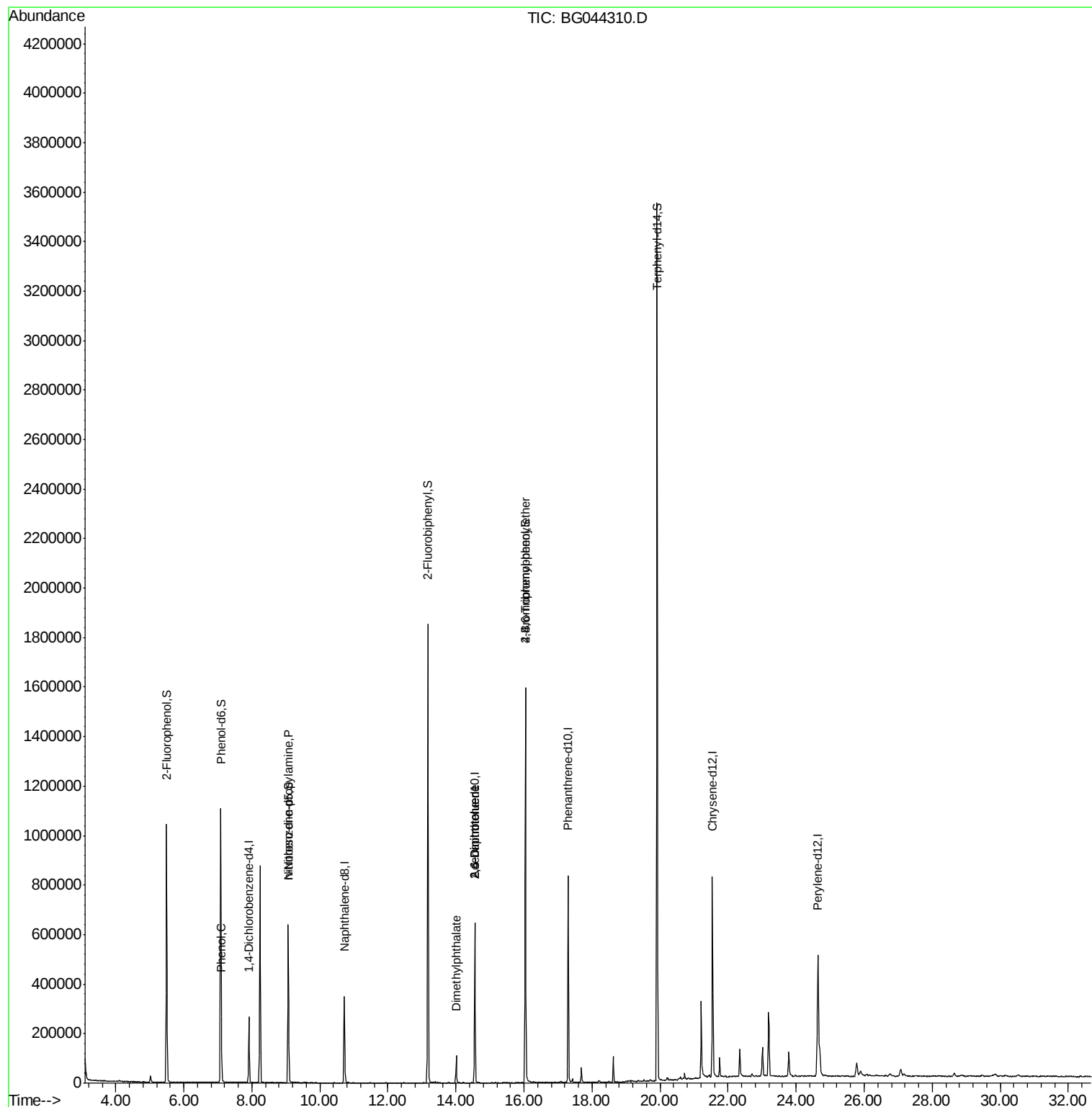
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	78029	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	333393	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	234333	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	538526	20.00	ng	0.00
76) Chrysene-d12	21.54	240	492431	20.00	ng	0.00
87) Perylene-d12	24.64	264	548176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	519969	117.61	ng	0.00
7) Phenol-d6	7.09	99	713784	120.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	428353	72.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	317737	115.50	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1006740	71.94	ng	0.00
79) Terphenyl-d14	19.91	244	1669348	69.73	ng	0.00
Target Compounds						
10) Phenol	7.11	94	14581	2.482	ng	# 73
19) n-Nitroso-di-n-propylamine	9.07	70	55346	13.987	ng	# 73
50) Dimethylphthalate	14.01	163	88521	5.255	ng	# 99
51) 2,6-Dinitrotoluene	14.55	165	30578	8.142	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	30578	5.809	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	21665	3.693	ng	# 1

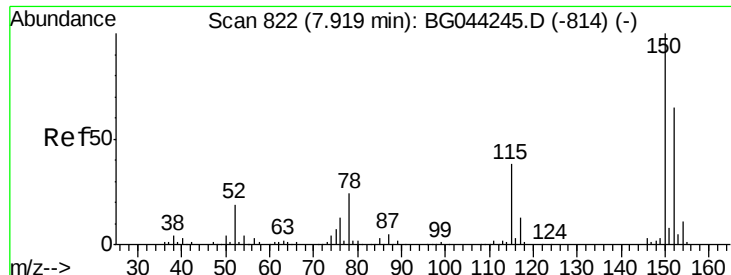
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
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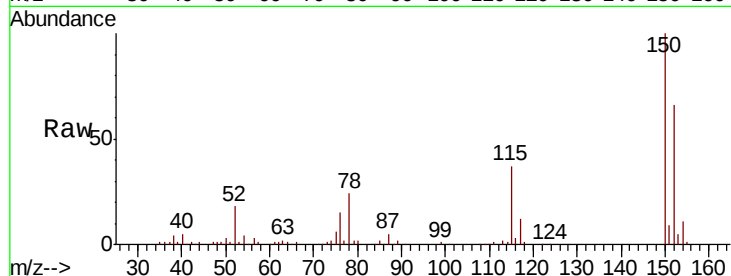


#1

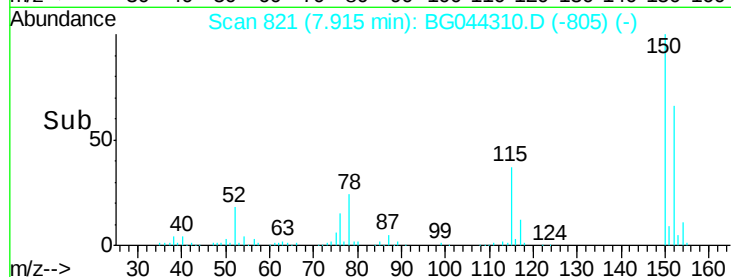
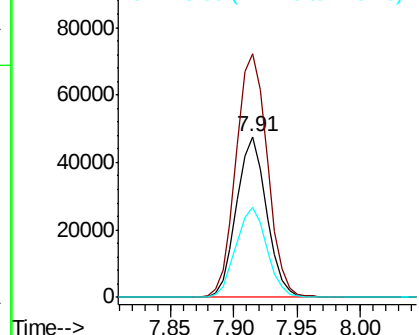
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 78029
Ion Ratio Lower Upper
152 100
150 151.2 122.6 183.8
115 55.9 46.0 69.0



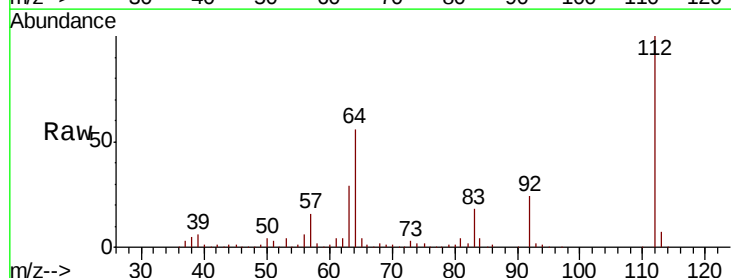
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



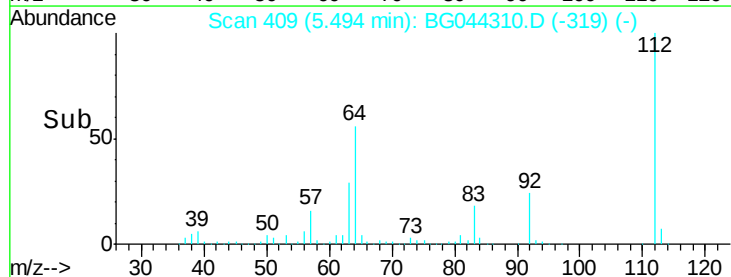
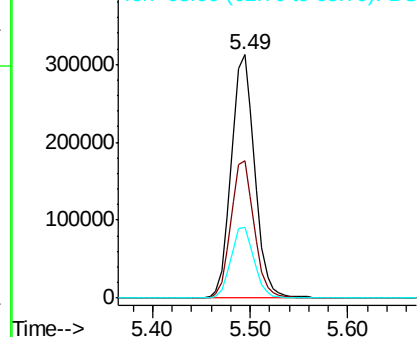
#5

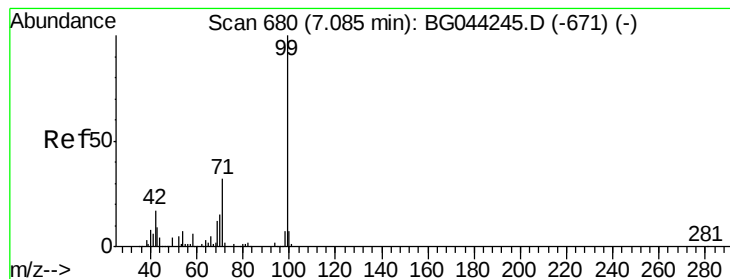
2-Fluorophenol
Concen: 117.605 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

Tgt Ion:112 Resp: 519969
Ion Ratio Lower Upper
112 100
64 56.4 45.4 68.2
63 28.8 22.9 34.3



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: 120.223 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA_G

ClientSampled :

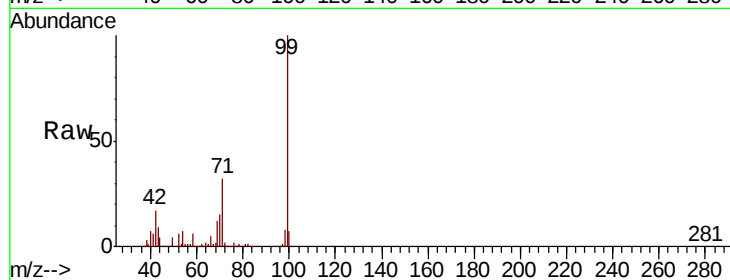
Tot Ion: 99 Resp: 713784

Ion Ratio Lower Upper

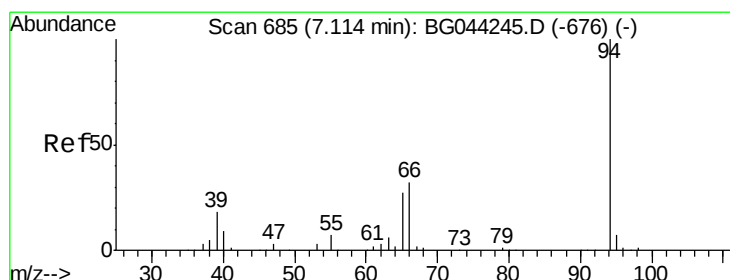
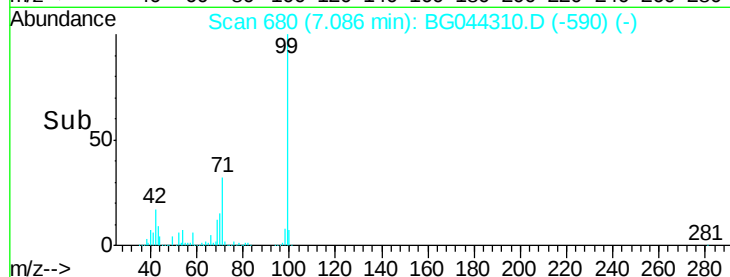
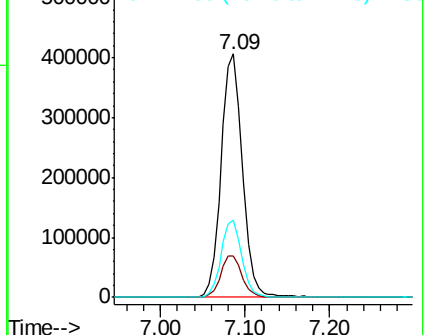
99 100

42 16.9 13.8 20.6

71 31.8 25.5 38.3



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: 2.482 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

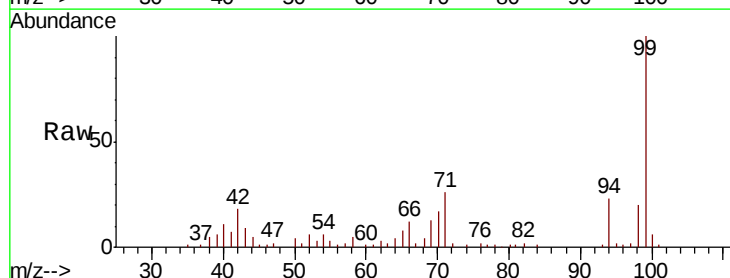
Tgt Ion: 94 Resp: 14581

Ion Ratio Lower Upper

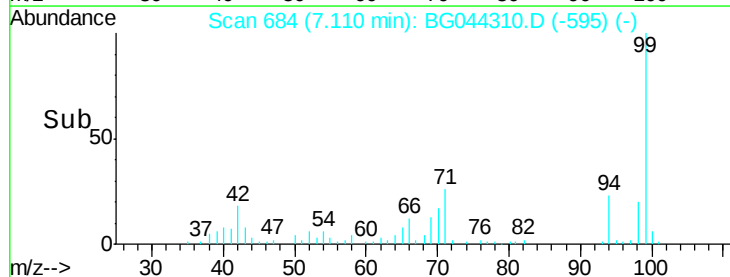
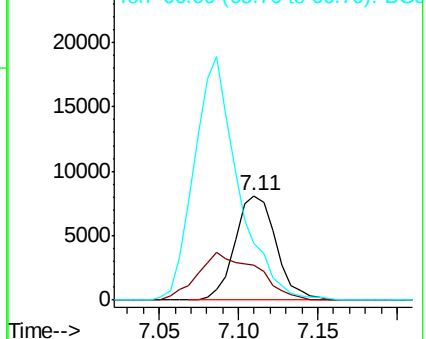
94 100

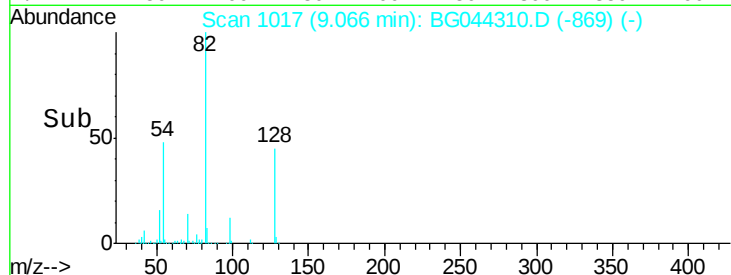
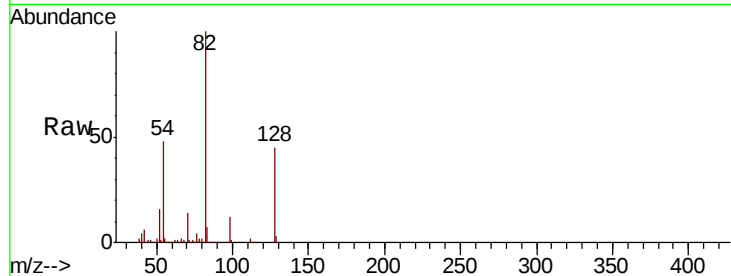
65 33.9 7.0 47.0

66 54.7 12.7 52.7#



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

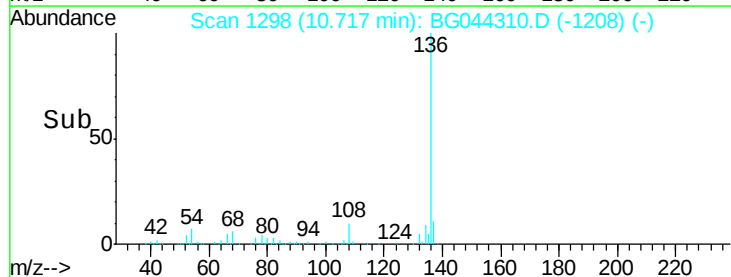
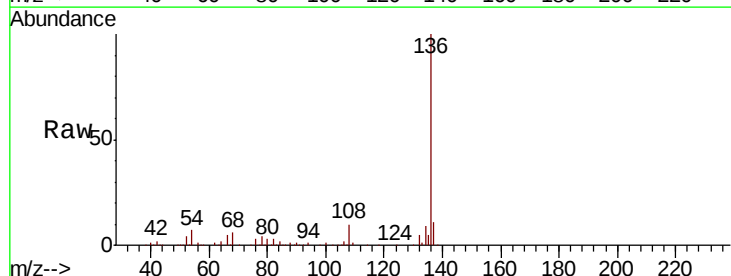
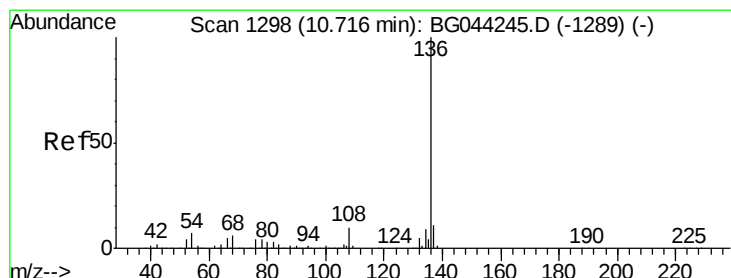
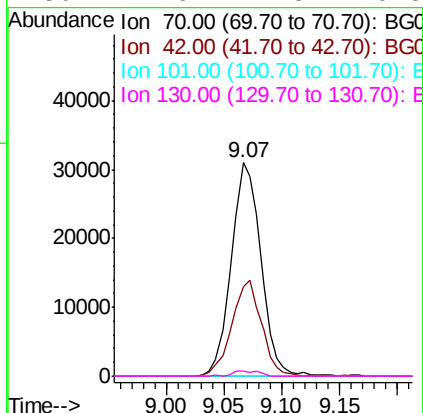




#19
n-Nitroso-di-n-propylamine
Concen: 13.987 ng
RT: 9.07 min Scan# 1017
Delta R.T. 0.34 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

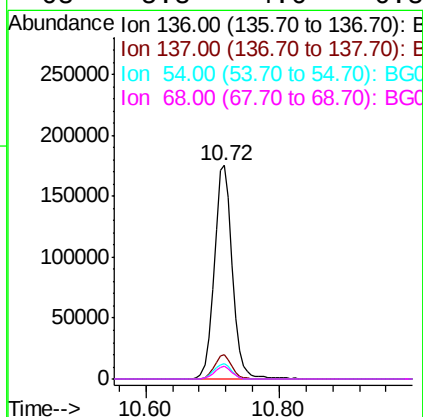
Instrument :
BNA_G
ClientSampleId :

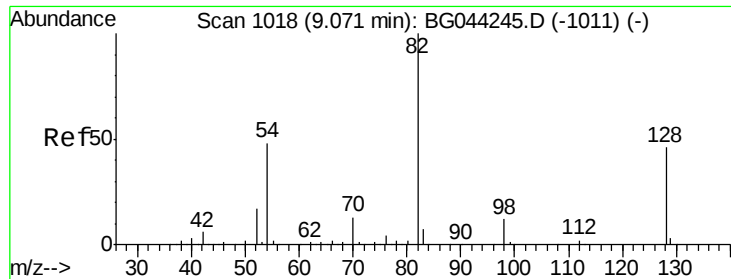
Tot Ion: 70 Resp: 55346
Ion Ratio Lower Upper
70 100
42 42.1 46.2 69.2#
101 0.0 8.4 12.6#
130 2.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

Tgt Ion: 136 Resp: 333393
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 5.8 8.8
68 5.8 4.6 6.8

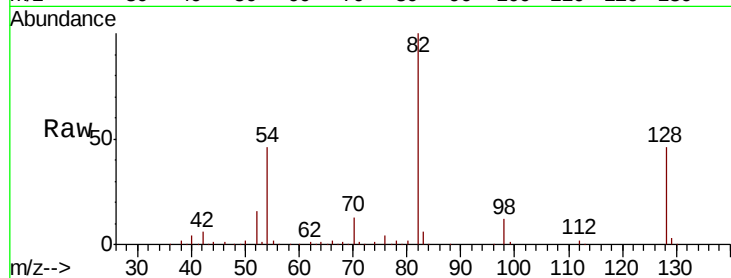




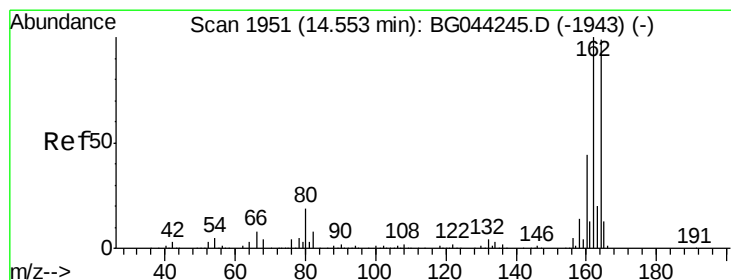
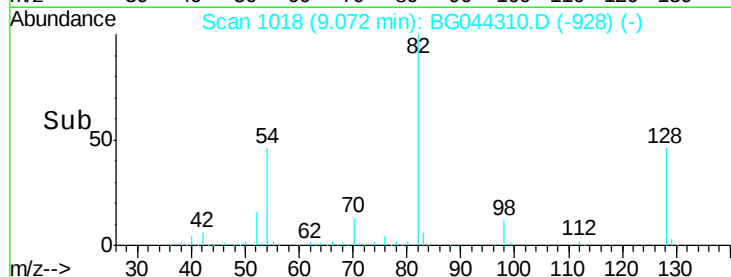
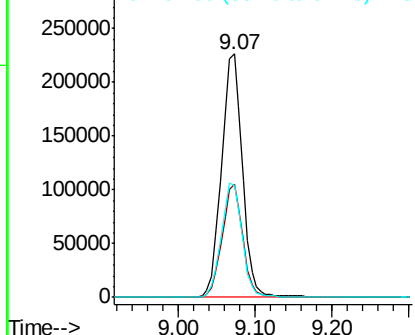
#23
Nitrobenzene-d5
Concen: 72.537 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 428353
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 46.1 38.6 58.0

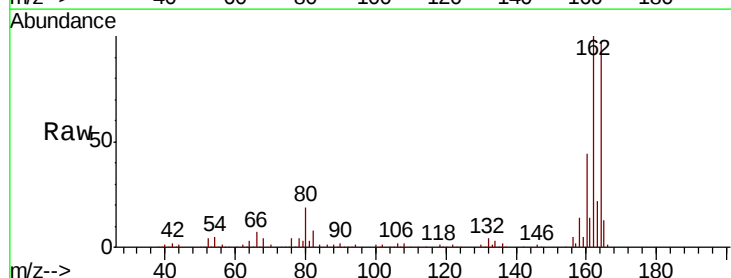


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

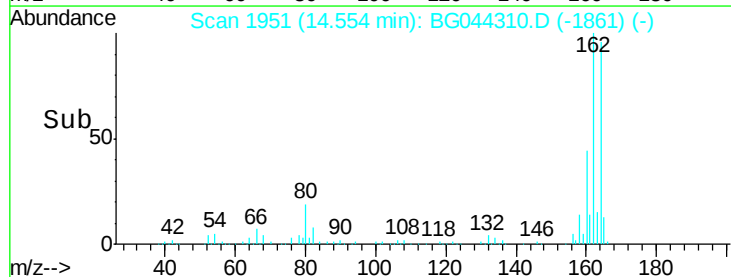
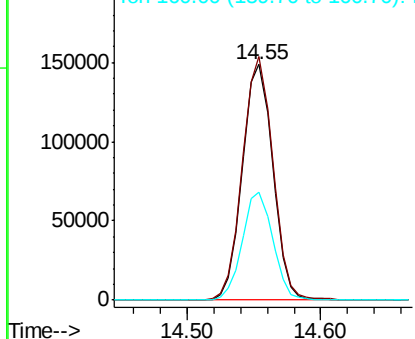


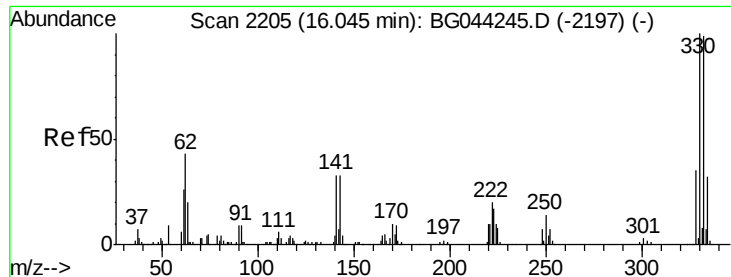
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044310.D
Acq: 5 Feb 2020 18:45

Tgt Ion:164 Resp: 234333
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 46.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 115.501 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA_G

ClientSampleId :

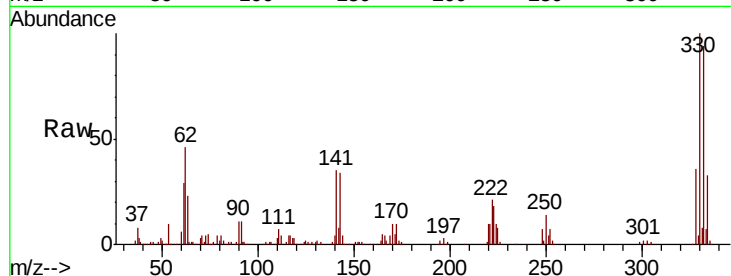
Tot Ion:330 Resp: 317737

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

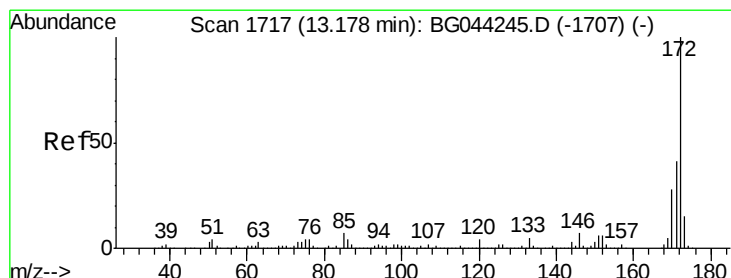
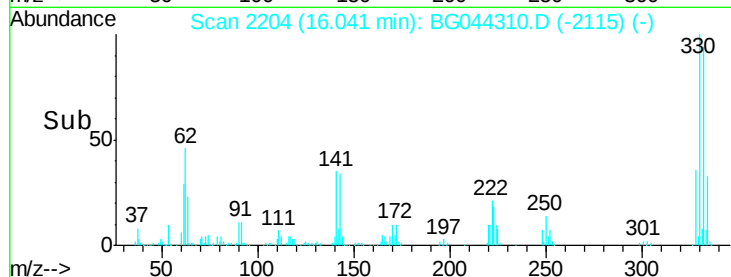
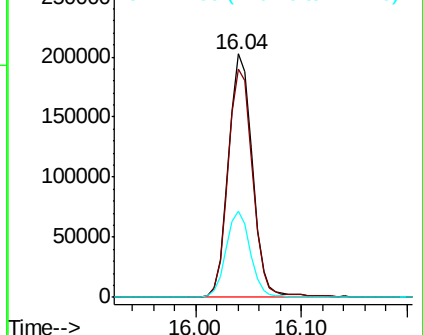
141 35.9 28.3 42.5



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: 71.942 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

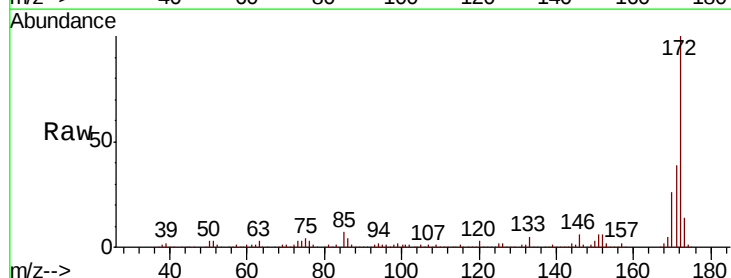
Tgt Ion:172 Resp: 1006740

Ion Ratio Lower Upper

172 100

171 39.1 32.9 49.3

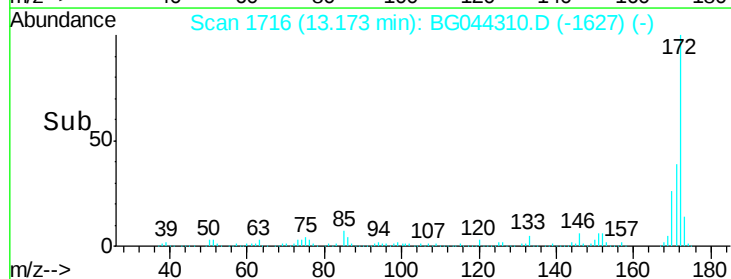
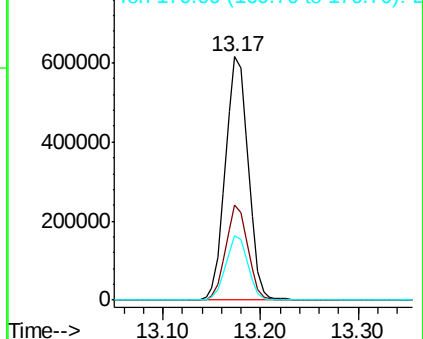
170 26.2 22.0 33.0

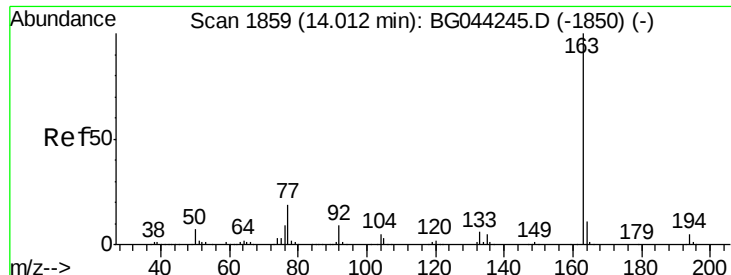


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.255 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA_G

ClientSampleId :

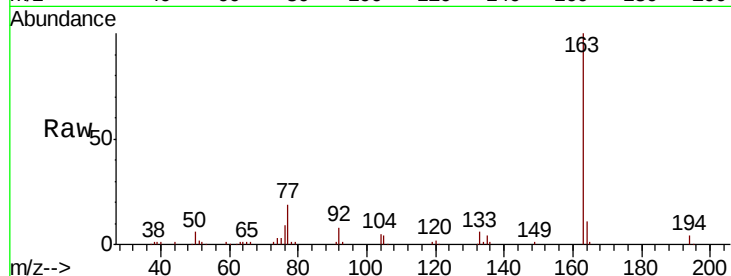
Tot Ion:163 Resp: 88521

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

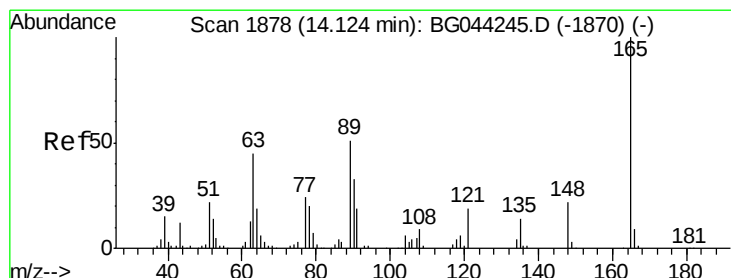
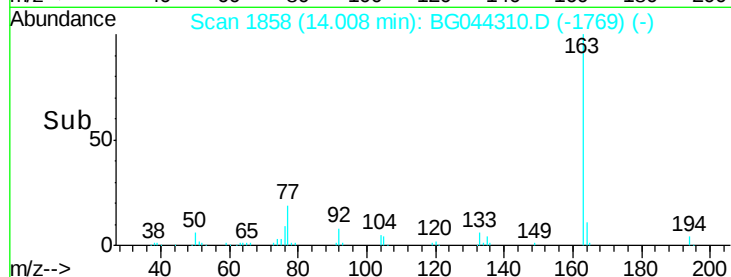
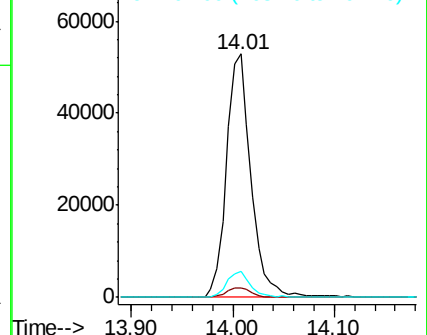
164 10.6 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 8.142 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

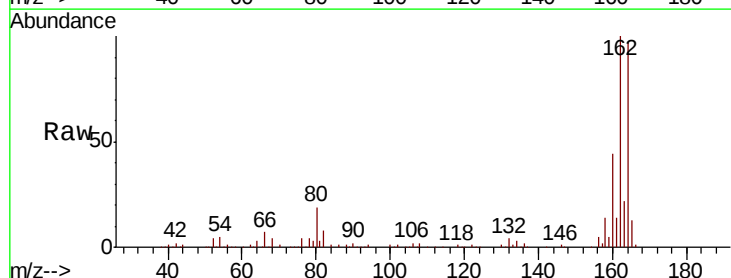
Tgt Ion:165 Resp: 30578

Ion Ratio Lower Upper

165 100

63 1.4 38.7 58.1#

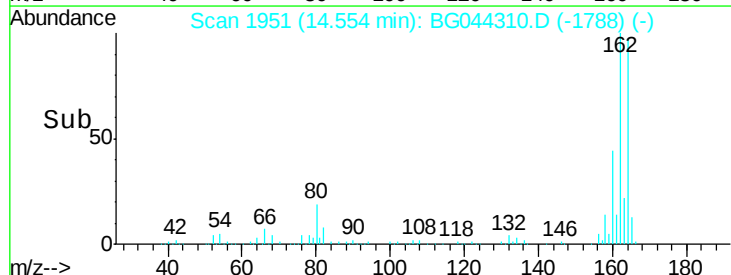
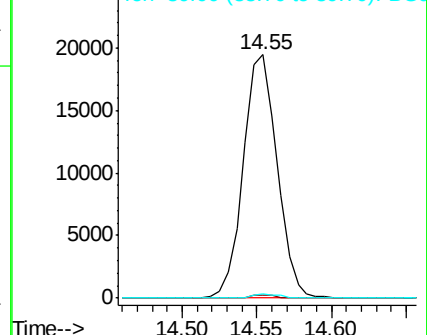
89 1.8 40.4 60.6#

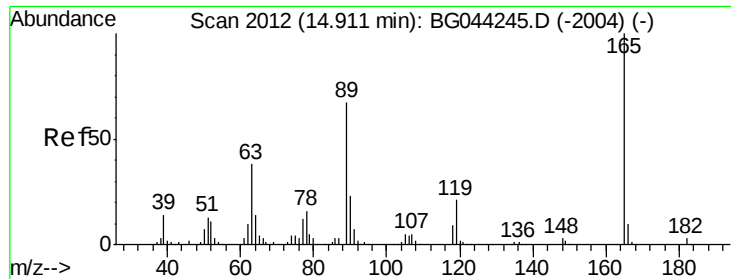


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

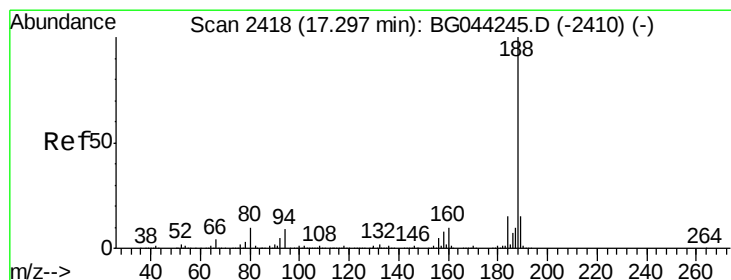
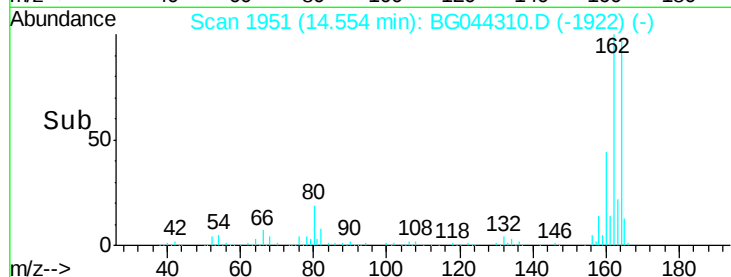
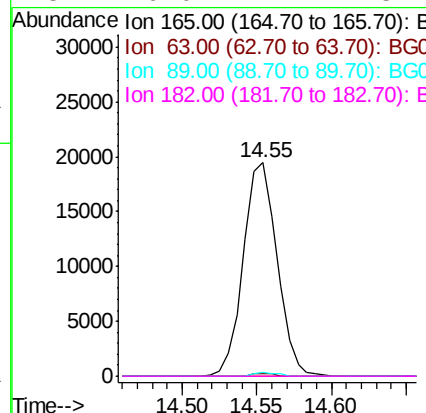
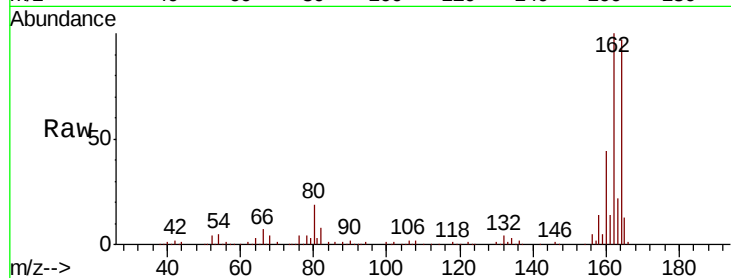




#57
 2,4-Dinitrotoluene
 Concen: 5.809 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044310.D
 Acq: 5 Feb 2020 18:45

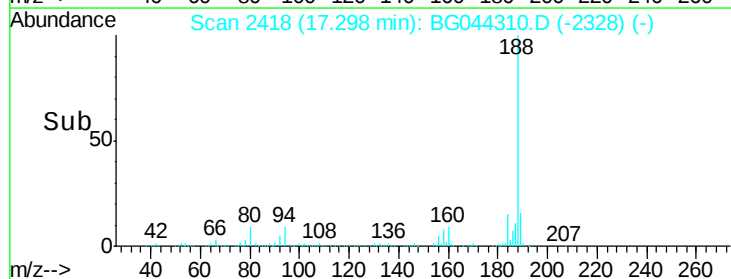
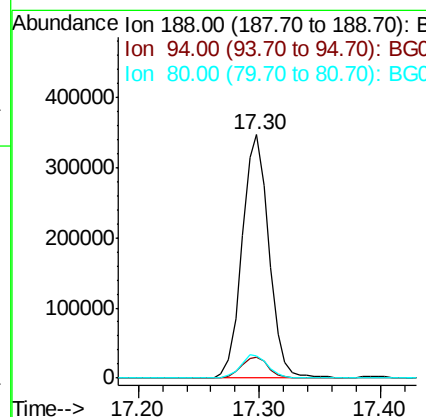
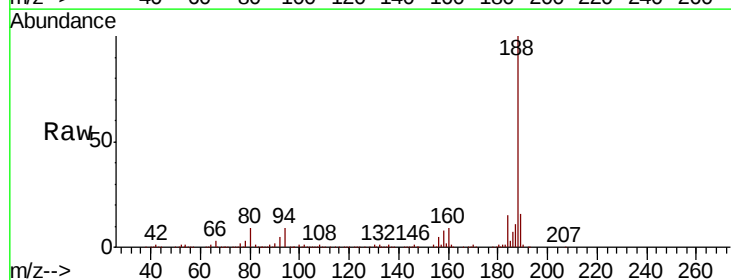
Instrument :
 BNA_G
 ClientSampleId :

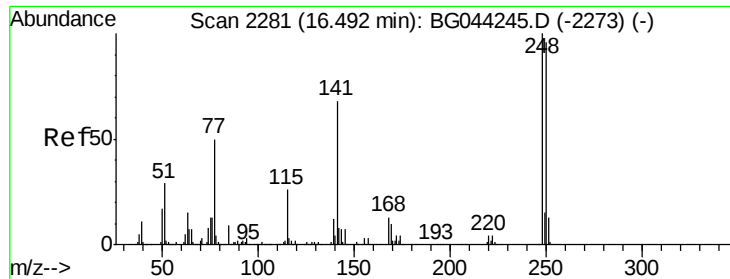
Tot Ion:165	Resp:	30578
Ion Ratio	Lower	Upper
165 100		
63 1.4	30.3	45.5#
89 1.8	53.4	80.2#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG044310.D
 Acq: 5 Feb 2020 18:45

Tgt Ion	188	Resp: Lower	538526 Upper
	Ratio 100		
94	8.6	7.4	11.2
80	9.2	7.7	11.5

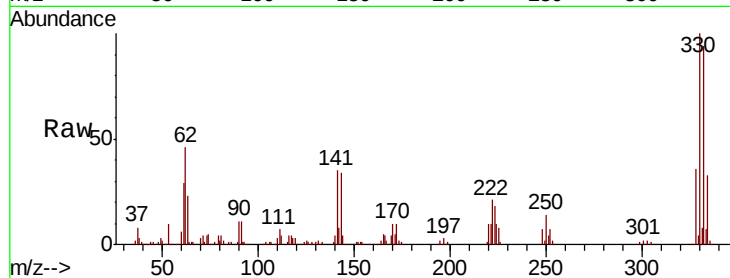




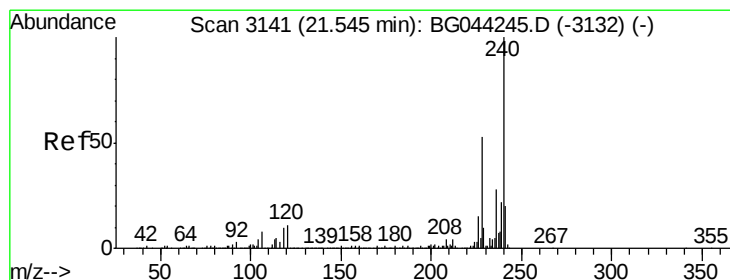
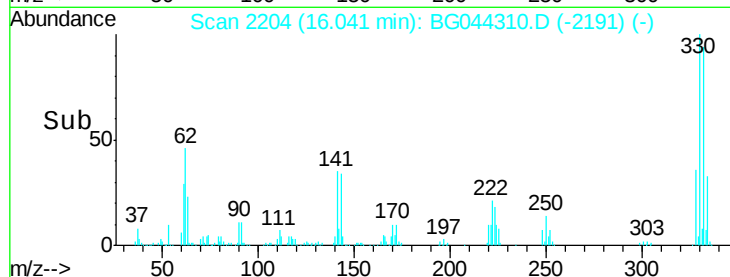
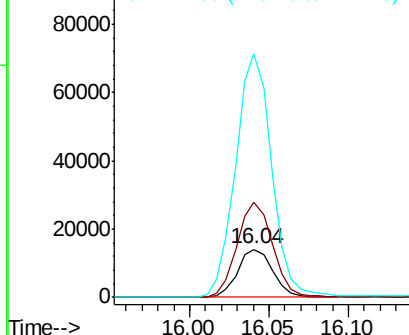
#67
 4-Bromophenyl-phenylether
 Concen: 3.693 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG044310.D
 Acq: 5 Feb 2020 18:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 21665
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.6 114.8#
 141 508.2 54.7 82.1#

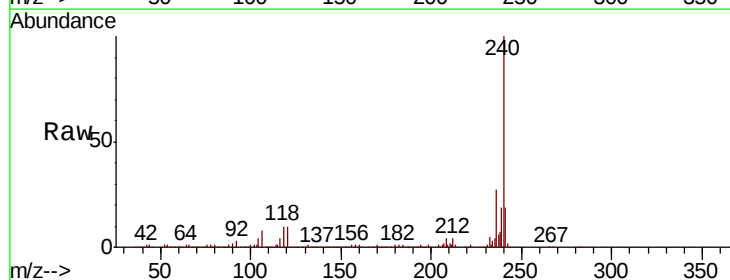


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

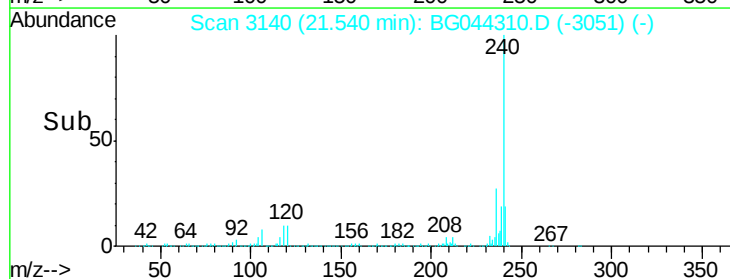
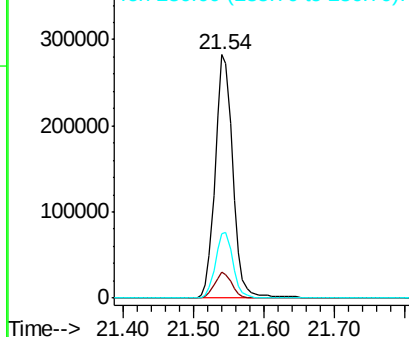


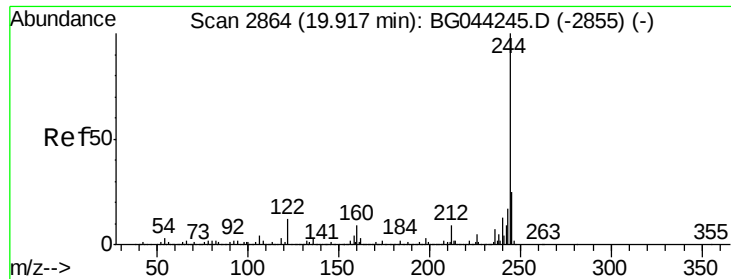
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG044310.D
 Acq: 5 Feb 2020 18:45

Tgt Ion:240 Resp: 492431
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.7 22.1 33.1



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: 69.728 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA_G

ClientSampleId :

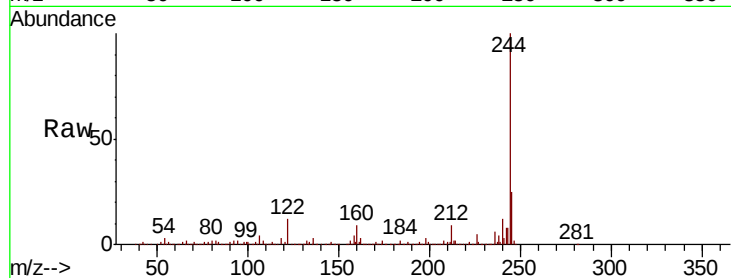
Tot Ion:244 Resp: 1669348

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

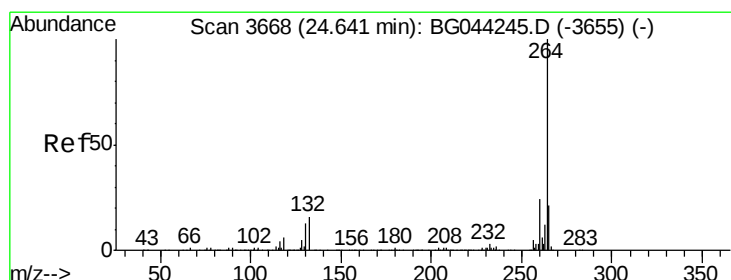
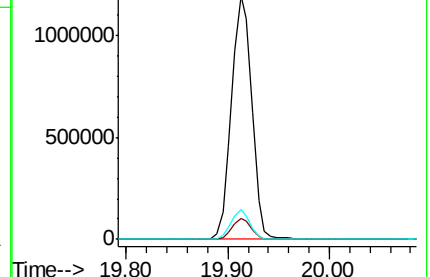
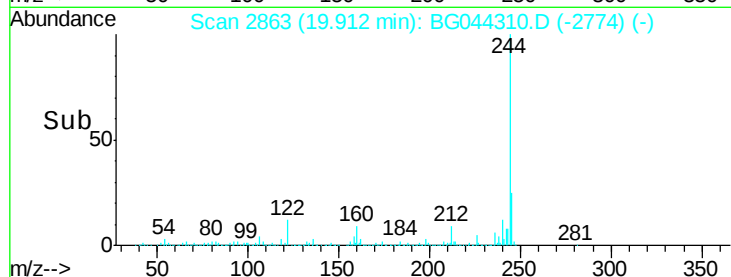
122 12.0 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

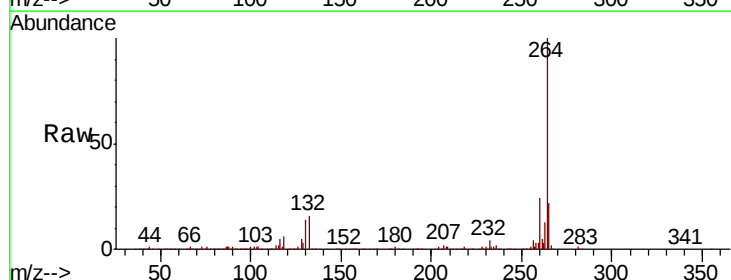
Tgt Ion:264 Resp: 548176

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.9 16.7 25.1



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

