

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044307.D
 Acq On : 5 Feb 2020 16:47
 Operator : CG/JU
 Sample : L1390-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:10:53 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

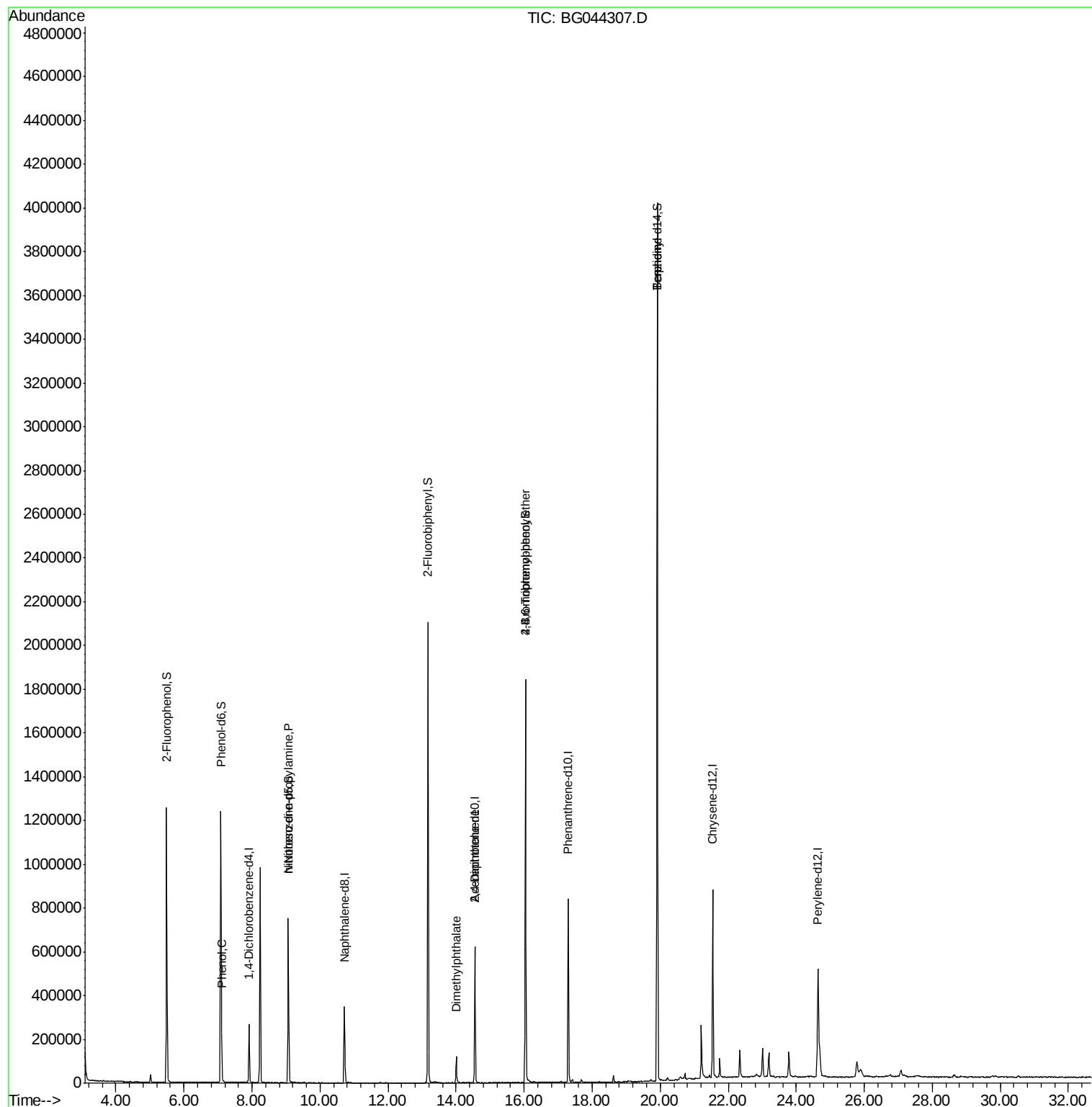
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	79806	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	333568	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	233379	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	547293	20.00	ng	0.00
76) Chrysene-d12	21.54	240	500569	20.00	ng	0.00
87) Perylene-d12	24.64	264	556318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	612401	135.43	ng	0.00
7) Phenol-d6	7.08	99	817975	134.70	ng	0.00
23) Nitrobenzene-d5	9.07	82	494646	83.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	367996	134.32	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1138387	81.68	ng	0.00
79) Terphenyl-d14	19.92	244	1893755	77.82	ng	0.00
Target Compounds						
10) Phenol	7.11	94	16051	2.671	ng	92
19) n-Nitroso-di-n-propylamine	9.07	70	63517	15.695	ng	# 77
50) Dimethylphthalate	14.00	163	92974	5.542	ng	98
57) 2,4-Dinitrotoluene	14.55	165	30095	5.741	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	25682	4.307	ng	# 1
77) Benzidine	19.92	184	31979	2.303	ng	# 90

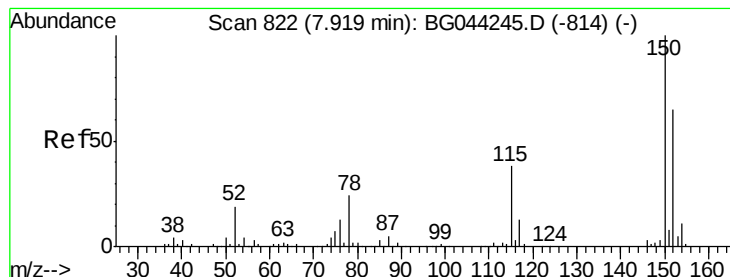
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044307.D
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Operator : CG/JU
Sample : L1390-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:10:53 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



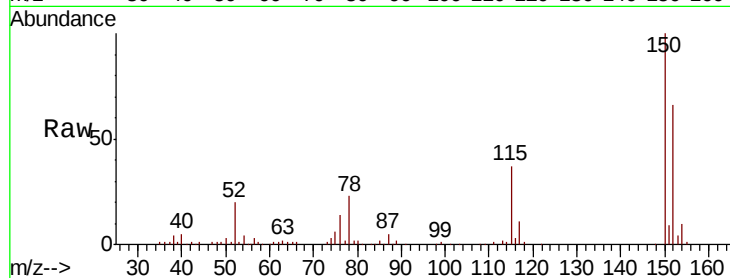


#1

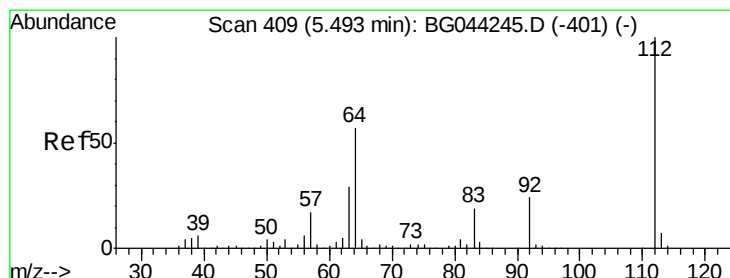
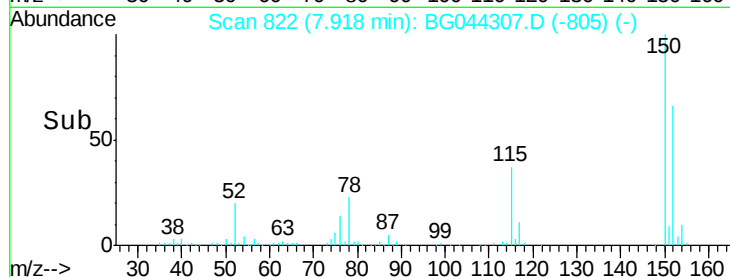
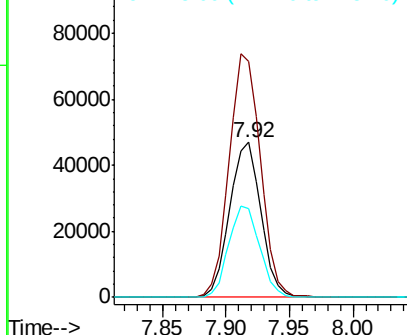
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.6	183.8
115	57.2	46.0	69.0



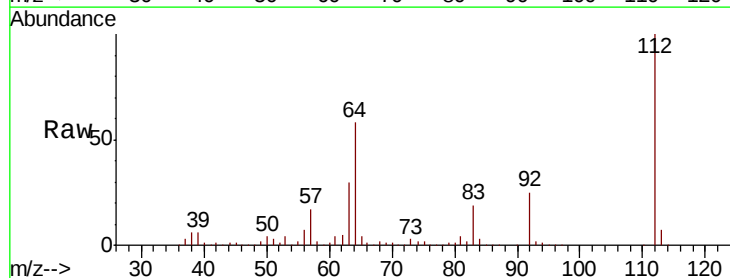
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



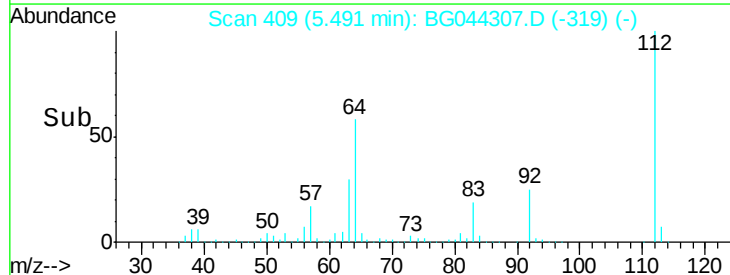
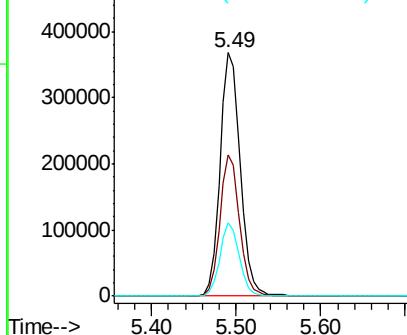
#5

2-Fluorophenol
Concen: 135.427 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	30.0	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: 134.705 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

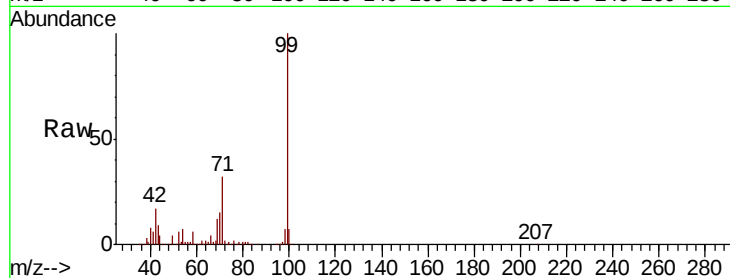
Tot Ion: 99 Resp: 817975

Ion Ratio Lower Upper

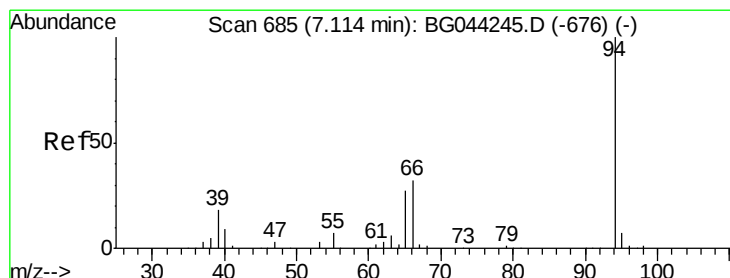
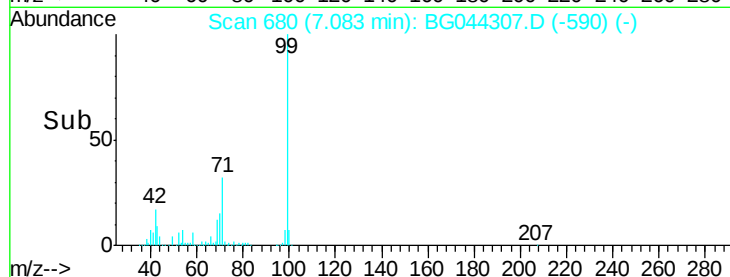
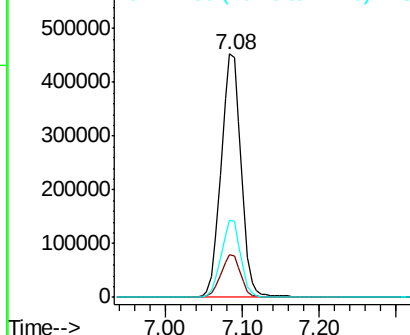
99 100

42 17.3 13.8 20.6

71 31.7 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: 2.671 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

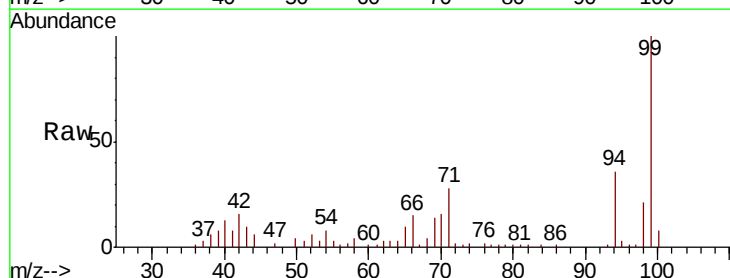
Tgt Ion: 94 Resp: 16051

Ion Ratio Lower Upper

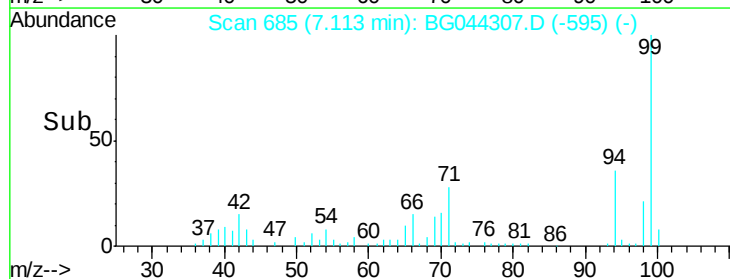
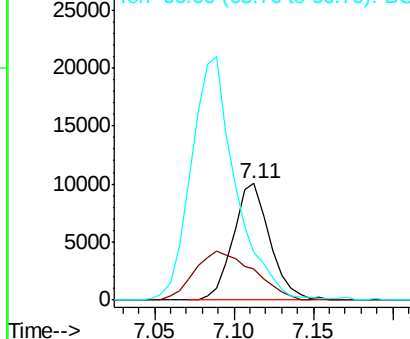
94 100

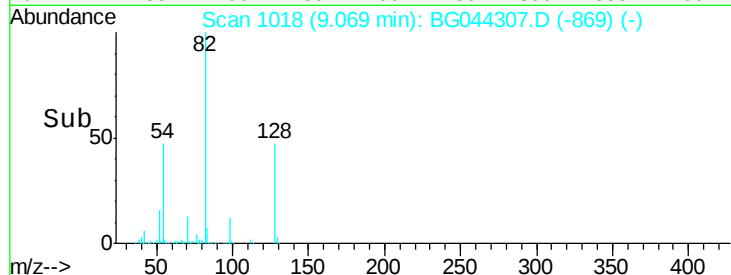
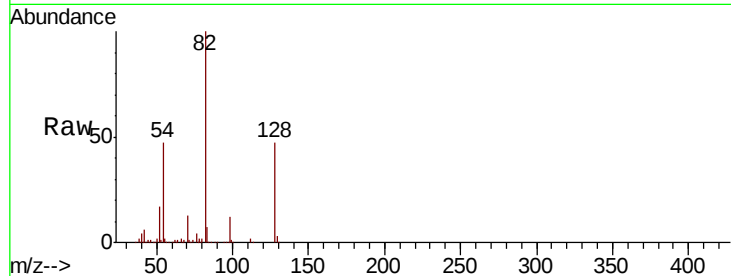
65 26.6 7.0 47.0

66 41.0 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

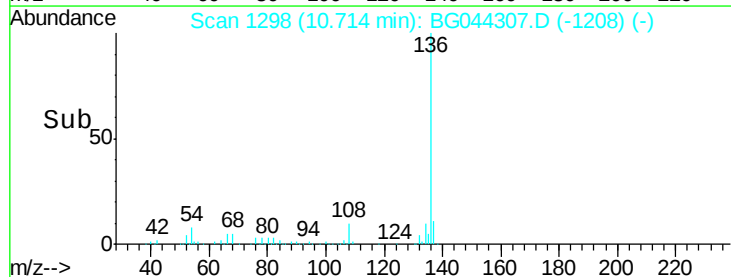
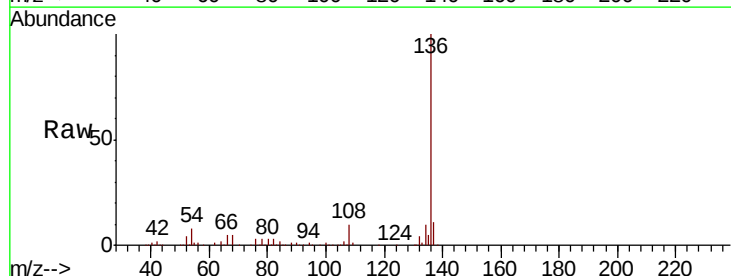
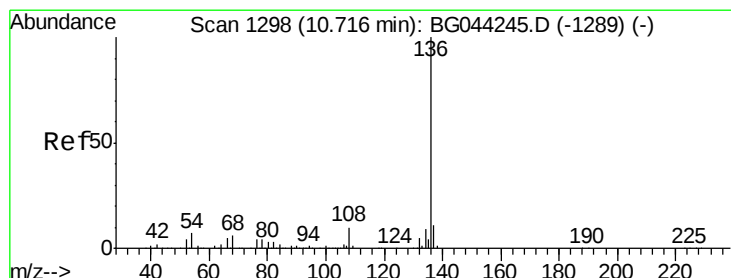
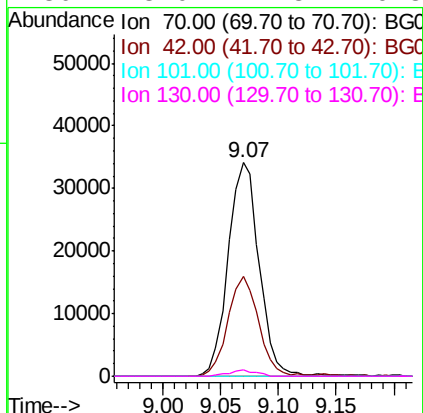




#19
n-Nitroso-di-n-propylamine
Concen: 15.695 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.34 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

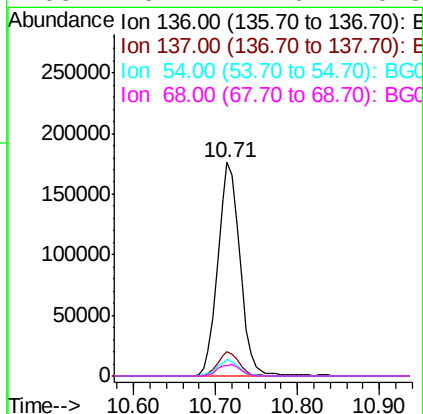
Instrument :
BNA_G
ClientSampleId :

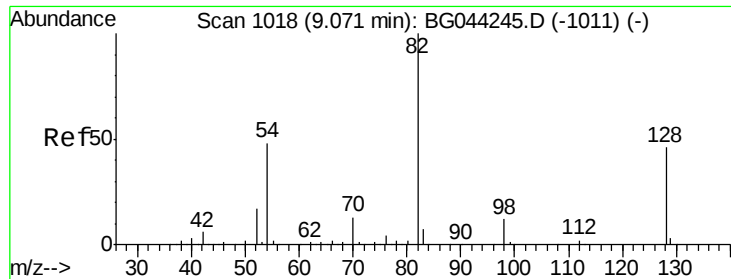
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	46.2	69.2
101	0.0	8.4	12.6#
130	3.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.7	5.8	8.8
68	5.1	4.6	6.8

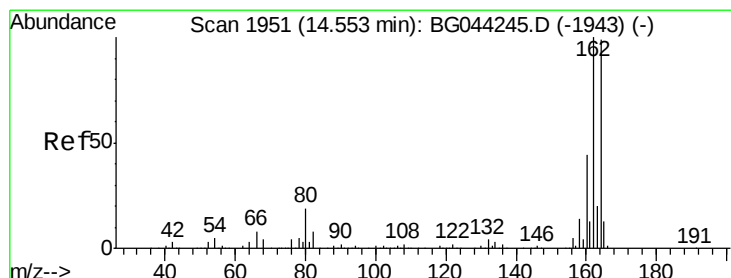
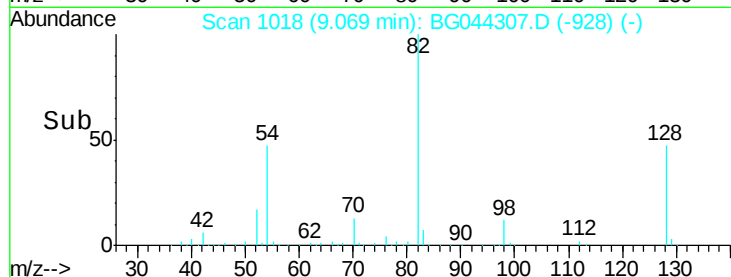
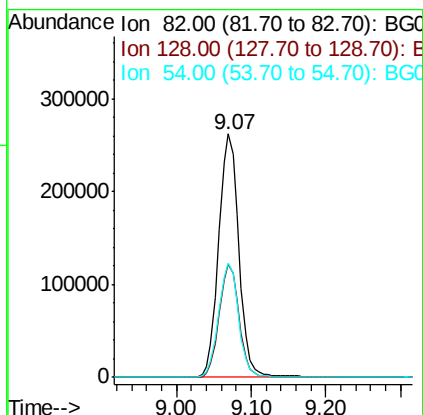
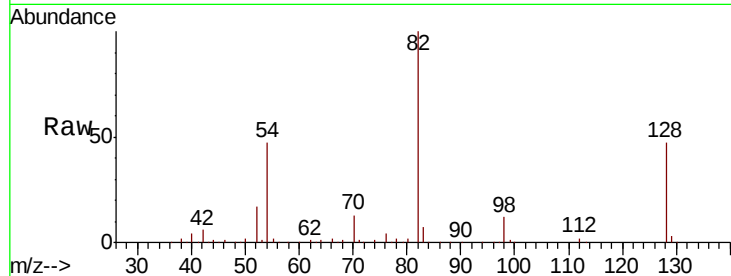




#23
Nitrobenzene-d5
Concen: 83.719 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

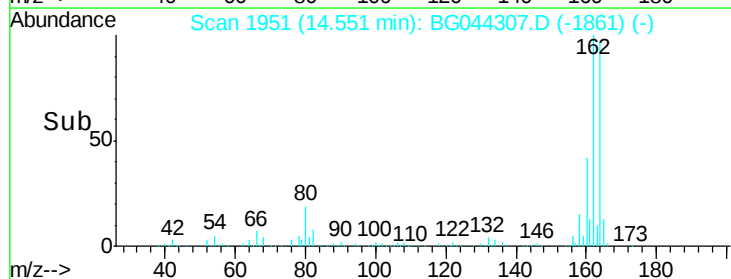
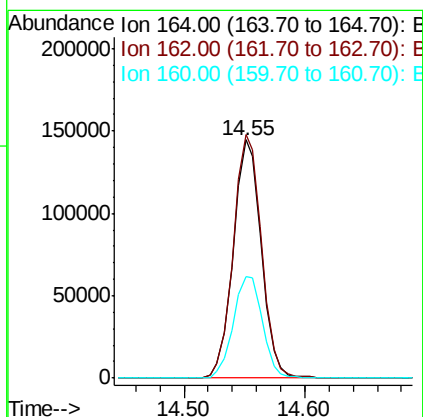
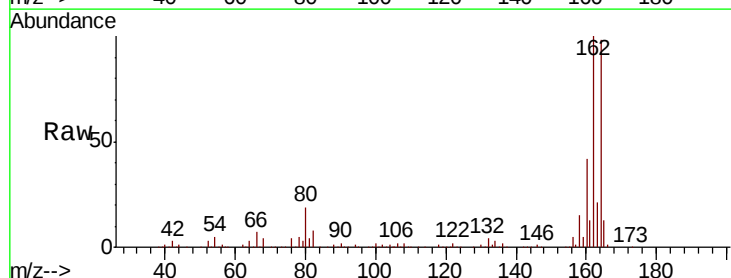
Instrument :
BNA_G
ClientSampleId :

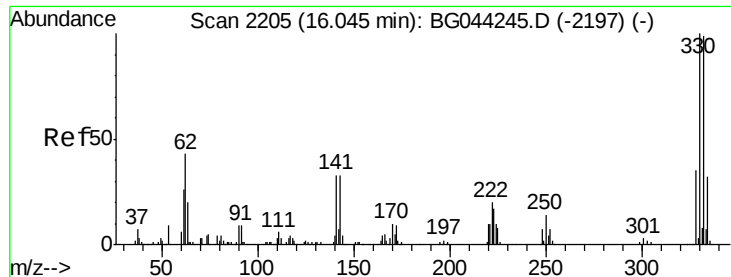
Tot Ion: 82 Resp: 494646
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 47.0 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Tgt Ion:164 Resp: 233379
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 42.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 134.318 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

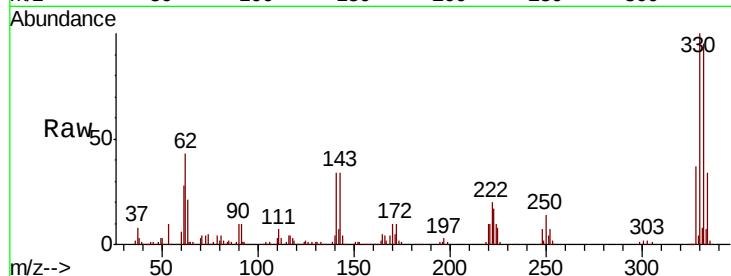
Tot Ion:330 Resp: 367996

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

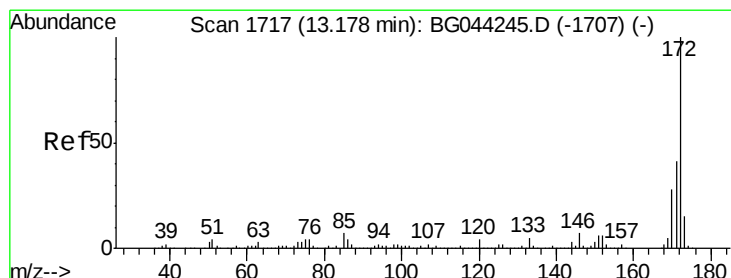
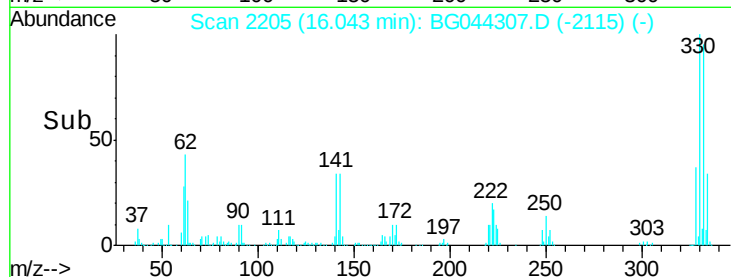
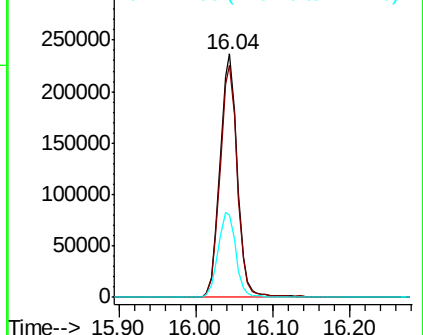
141 35.8 28.3 42.5



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: 81.682 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

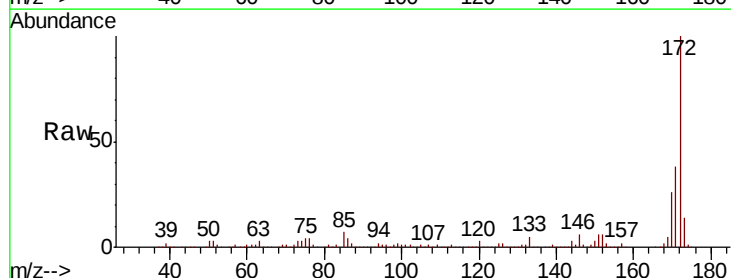
Tgt Ion:172 Resp: 1138387

Ion Ratio Lower Upper

172 100

171 38.0 32.9 49.3

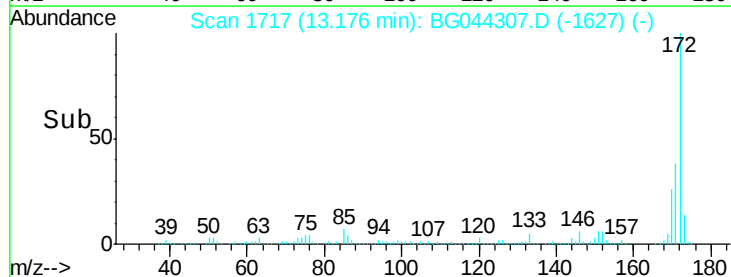
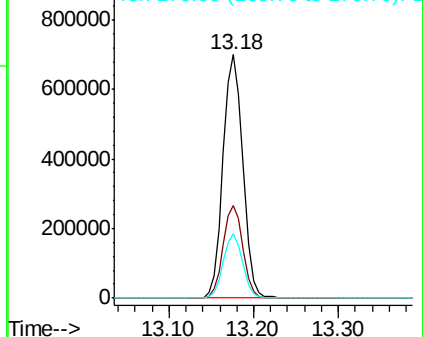
170 26.3 22.0 33.0

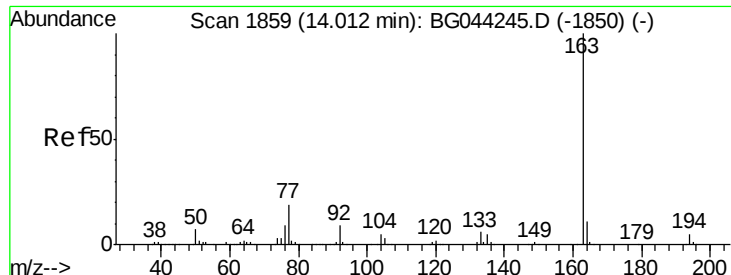


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

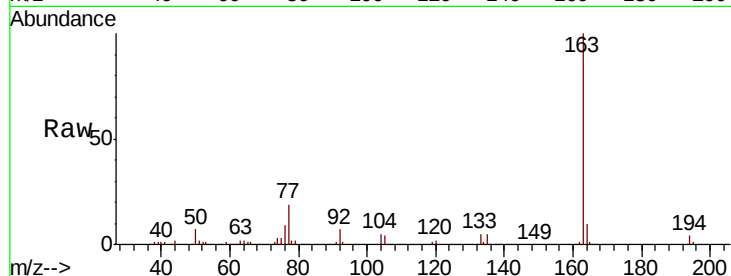




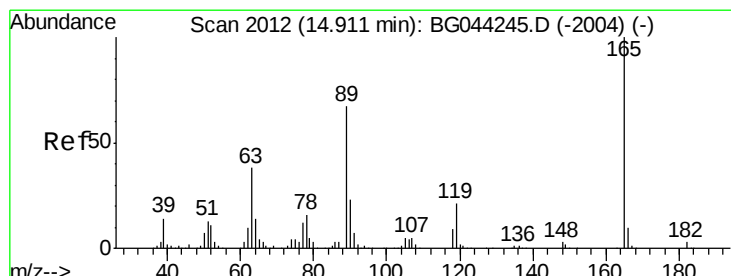
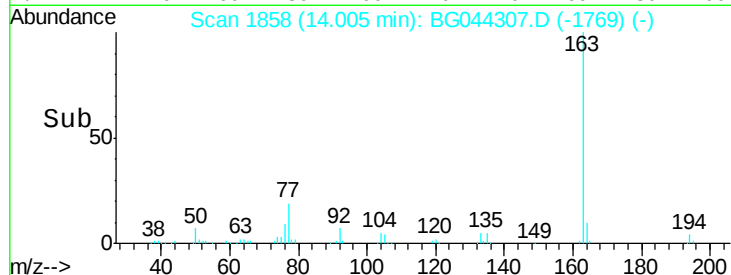
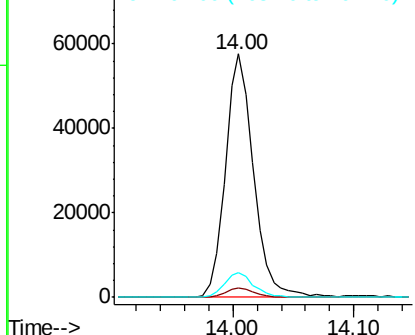
#50
Dimethylphthalate
Concen: 5.542 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 92974
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.3 8.7 13.1

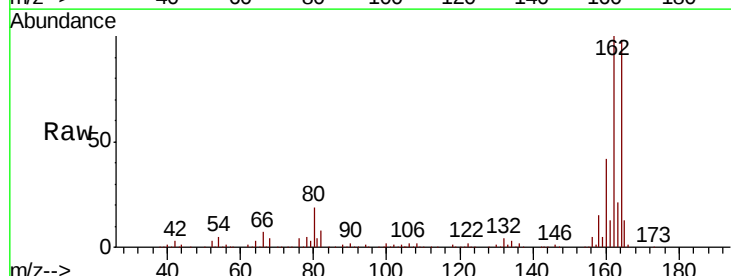


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

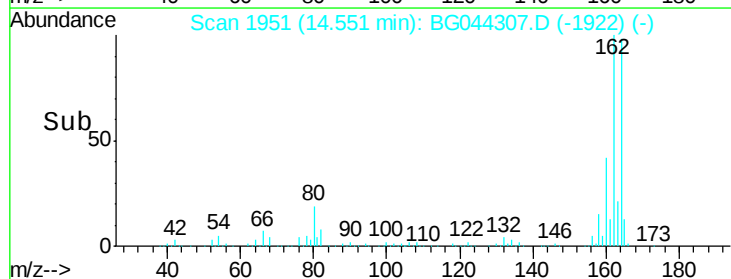
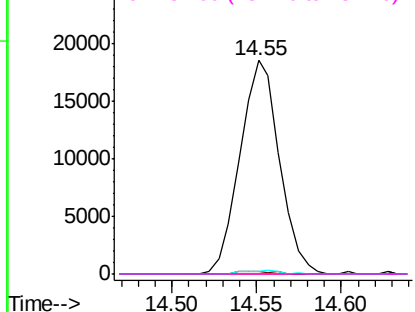


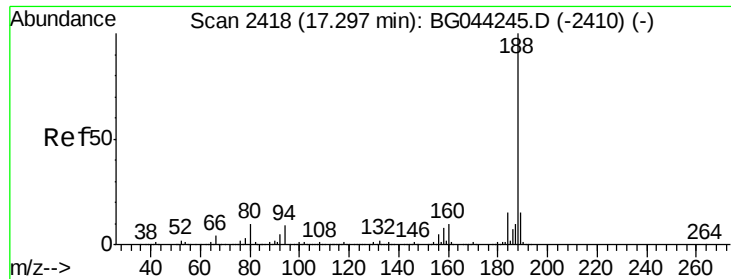
#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG044307.D
Acq: 5 Feb 2020 16:47

Tgt Ion:165 Resp: 30095
Ion Ratio Lower Upper
165 100
63 1.2 30.3 45.5#
89 1.5 53.4 80.2#
182 0.0 2.1 3.1#



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
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

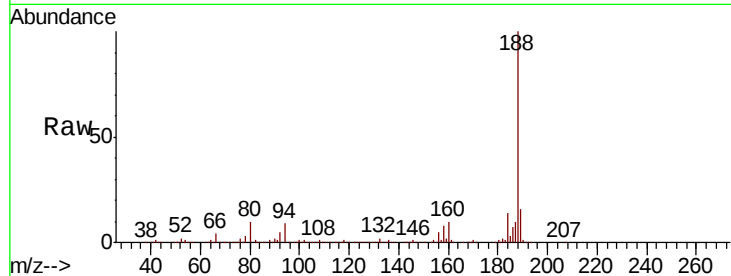
Tot Ion:188 Resp: 547293

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

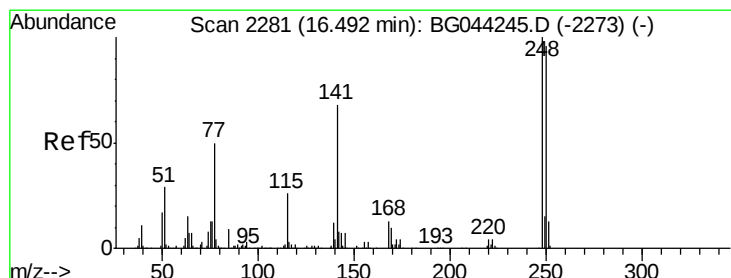
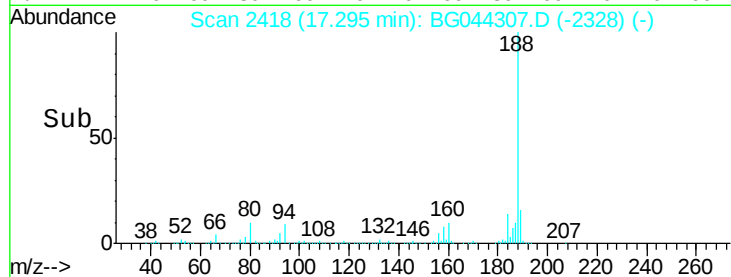
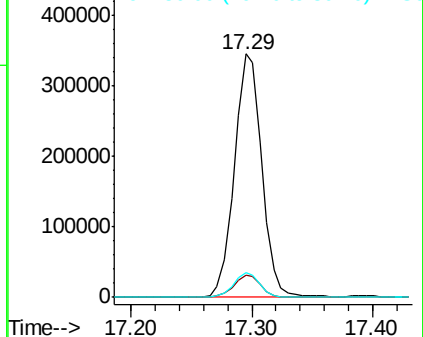
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 4.307 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

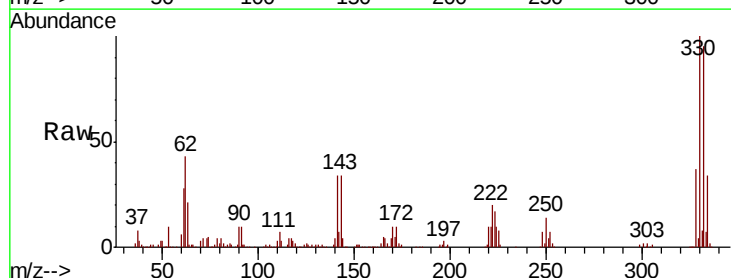
Tgt Ion:248 Resp: 25682

Ion Ratio Lower Upper

248 100

250 200.2 76.6 114.8#

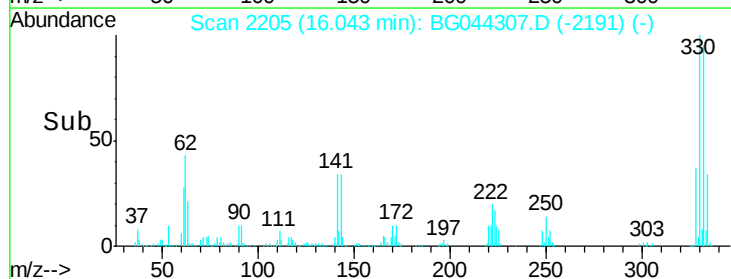
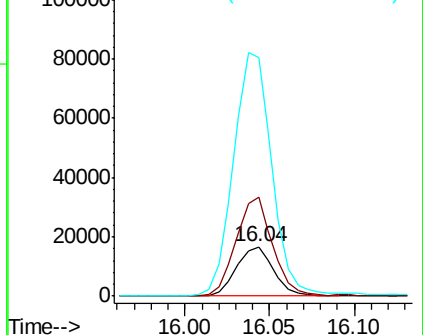
141 484.5 54.7 82.1#



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

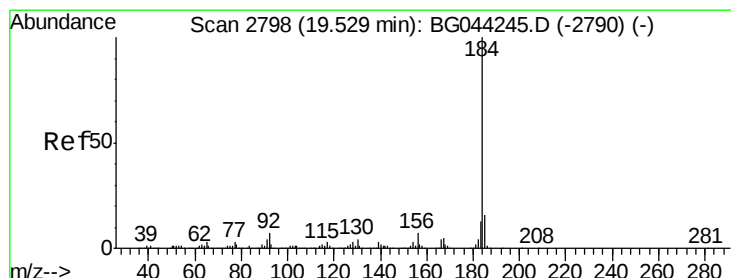
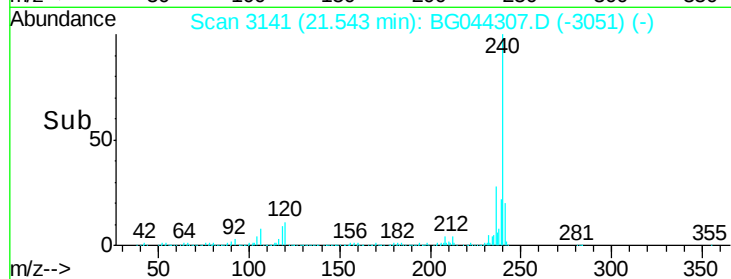
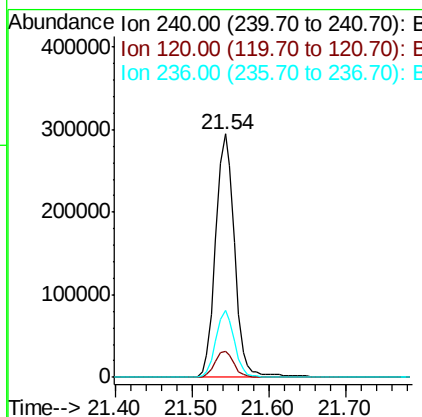
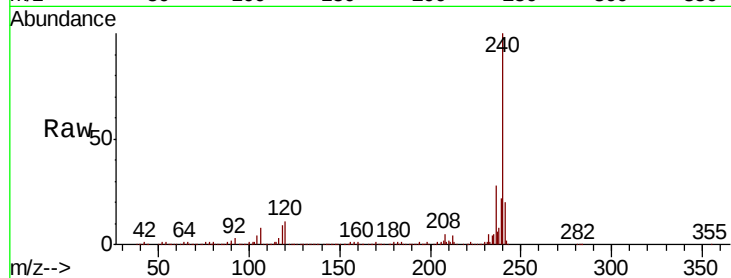




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044307.D
 Acq: 5 Feb 2020 16:47

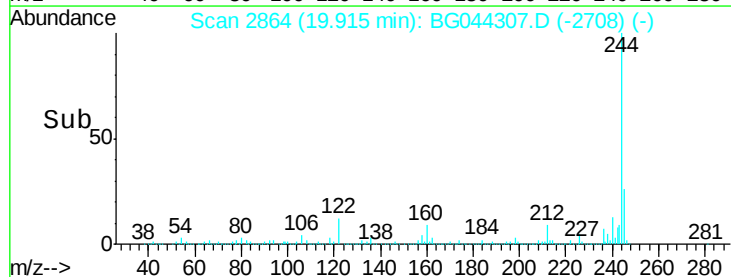
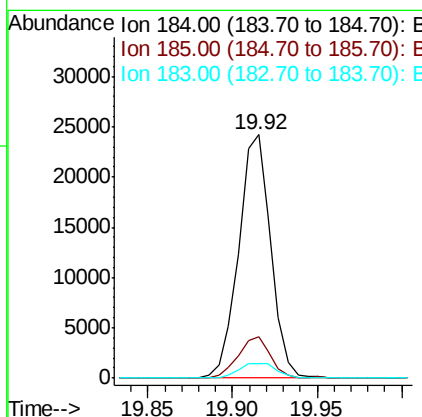
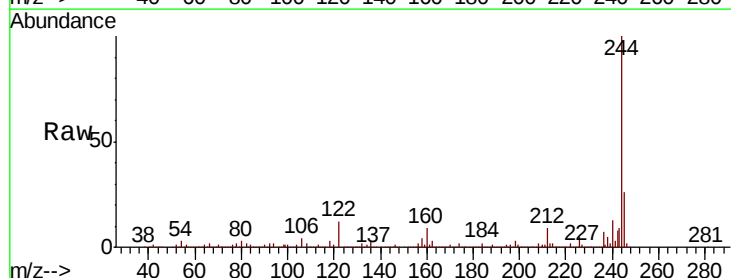
Instrument :
 BNA_G
 ClientSampleId :

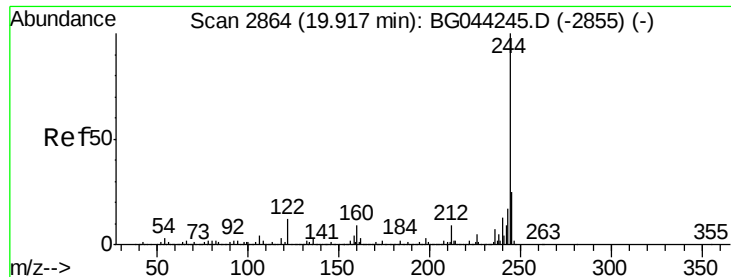
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.7	22.1	33.1



#77
 Benzidine
 Concen: 2.303 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. 0.39 min
 Lab File: BG044307.D
 Acq: 5 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.9	19.3
183	6.1	10.8	16.2#





#79

Terphenyl-d14

Concen: 77.816 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044307.D

Acq: 5 Feb 2020 16:47

Instrument :

BNA_G

ClientSampleId :

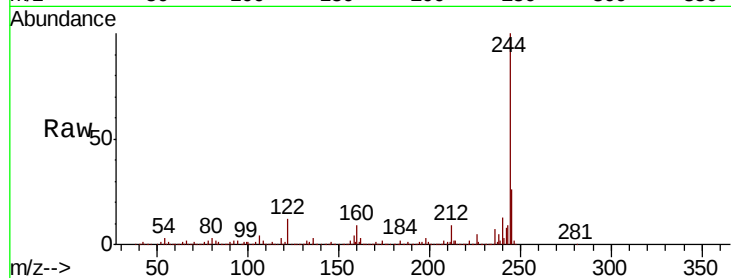
Tot Ion:244 Resp: 1893755

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

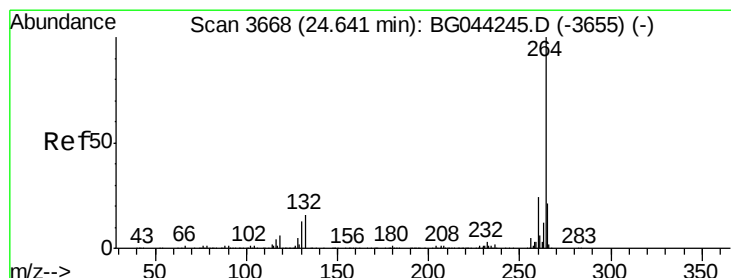
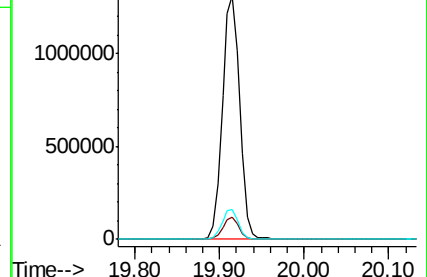
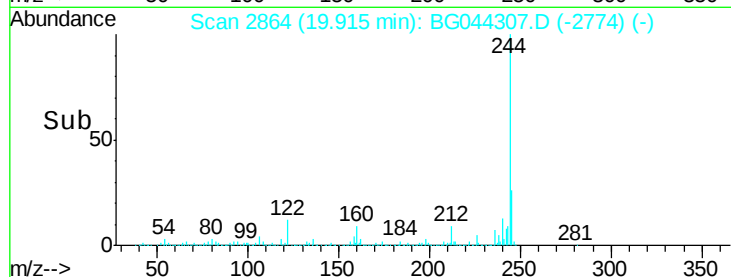
122 12.4 9.8 14.6



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: BG044307.D

Acq: 5 Feb 2020 16:47

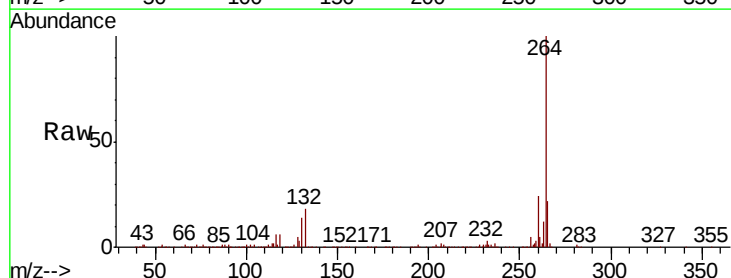
Tgt Ion:264 Resp: 556318

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 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

