

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044316.D
 Acq On : 5 Feb 2020 22:41
 Operator : CG/JU
 Sample : L1387-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:13:12 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

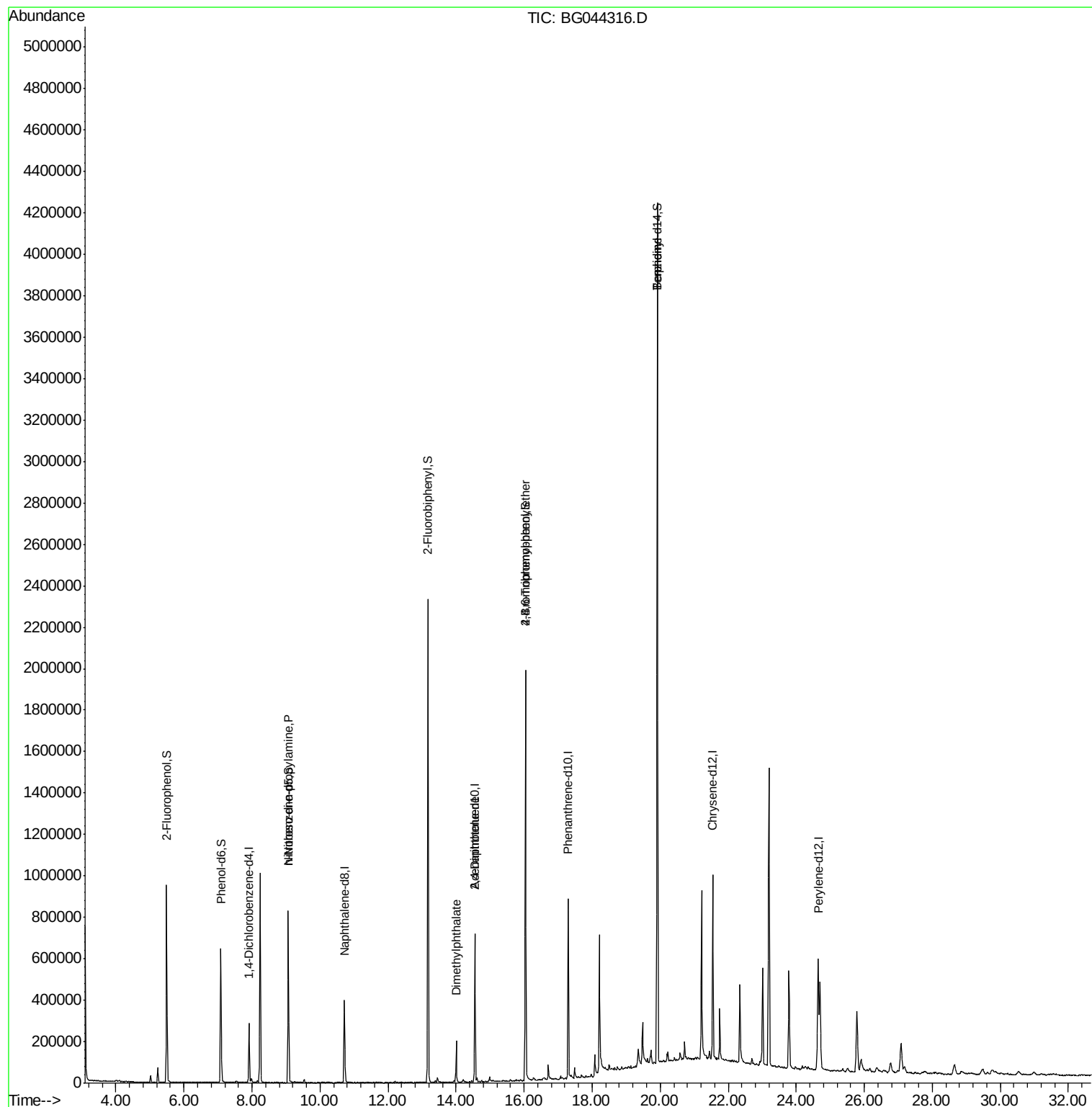
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86754	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	372296	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	253202	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	559130	20.00	ng	0.00
76) Chrysene-d12	21.54	240	497395	20.00	ng	0.00
87) Perylene-d12	24.65	264	564854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	468588	95.33	ng	0.00
7) Phenol-d6	7.08	99	423925	64.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	537014	81.43	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	394644	132.77	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1238368	81.90	ng	0.00
79) Terphenyl-d14	19.92	244	1934002	79.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	70014	15.915	ng	Qvalue # 76
50) Dimethylphthalate	14.00	163	142119	7.808	ng	98
57) 2,4-Dinitrotoluene	14.55	165	33108	5.821	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	27653	4.539	ng	# 1
77) Benzidine	19.92	184	34016	2.466	ng	# 88

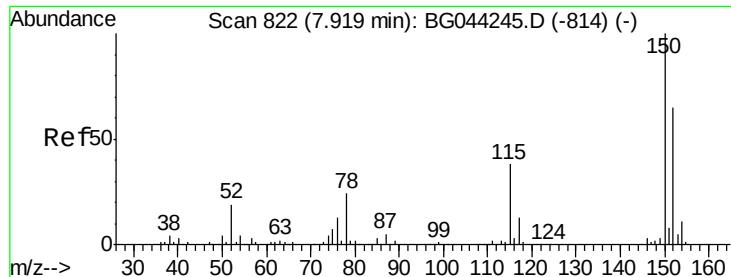
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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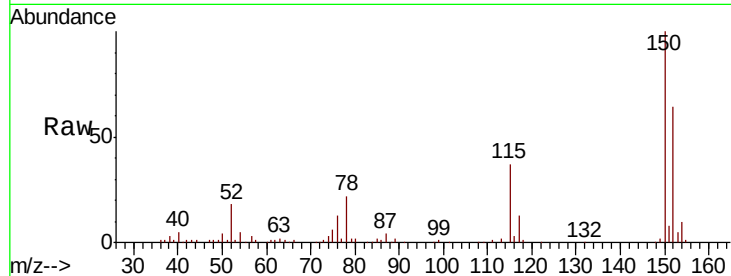


#1

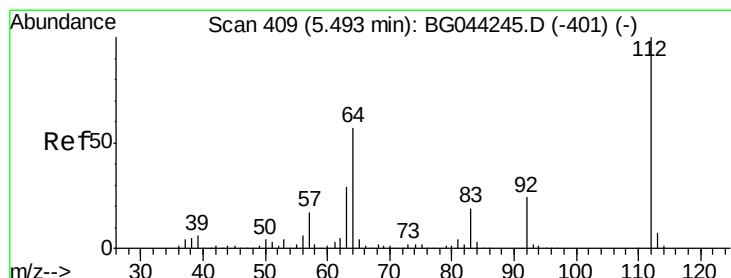
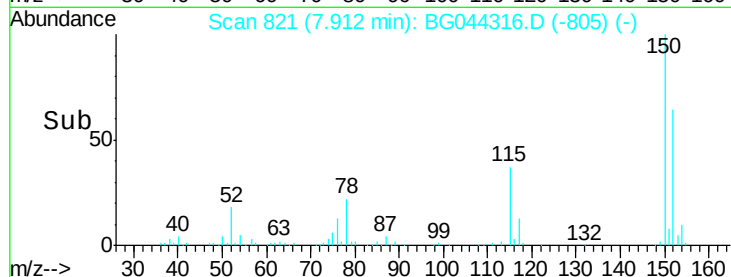
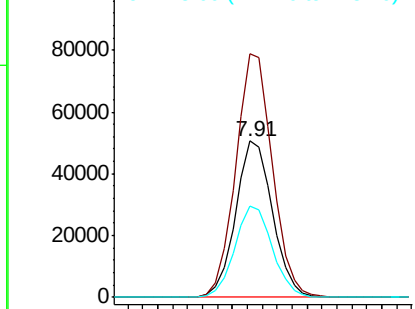
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 86754
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.6 183.8
 115 58.2 46.0 69.0



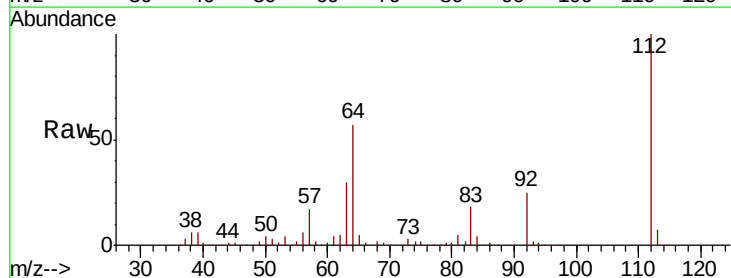
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



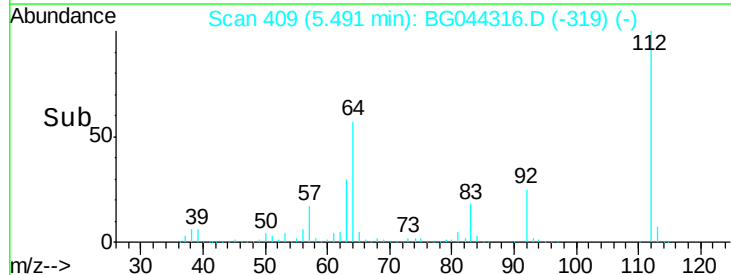
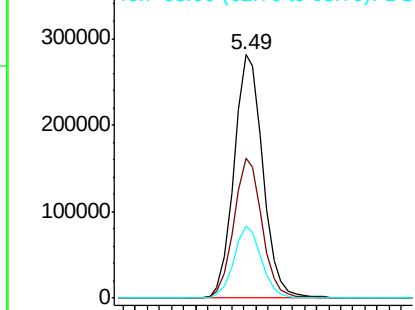
#5

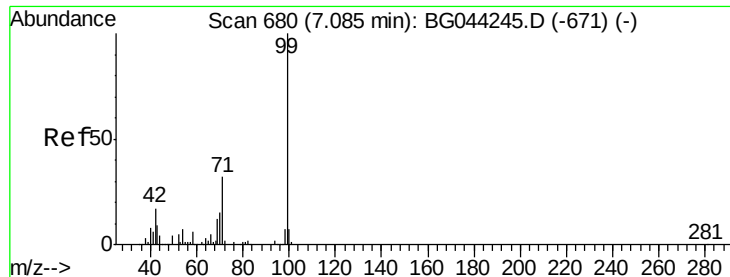
2-Fluorophenol
 Concen: 95.325 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Tgt Ion:112 Resp: 468588
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.4 68.2
 63 29.6 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: 64.221 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

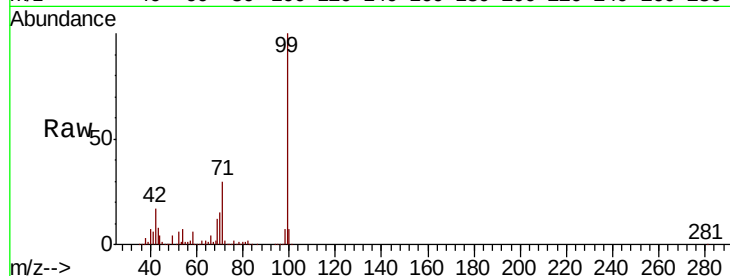
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 423925

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	29.7	25.5	38.3

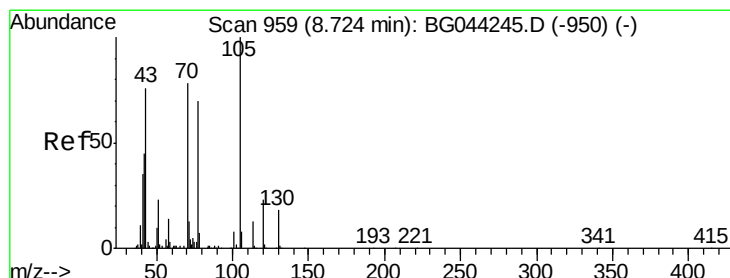
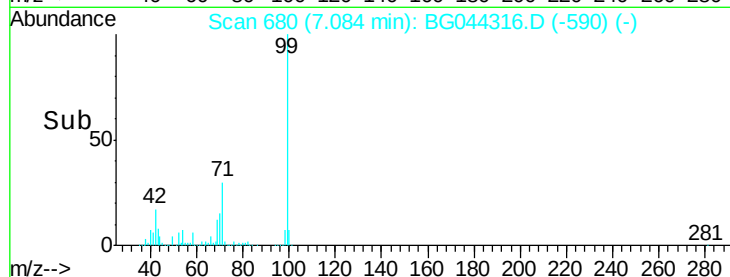
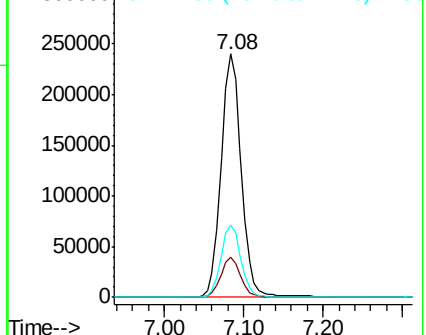


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.915 ng

RT: 9.07 min Scan# 1018

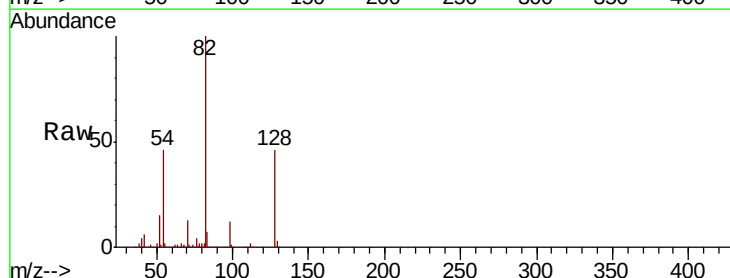
Delta R.T. 0.35 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Tgt Ion: 70 Resp: 70014

Ion	Ratio	Lower	Upper
70	100		
42	45.7	46.2	69.2#
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#



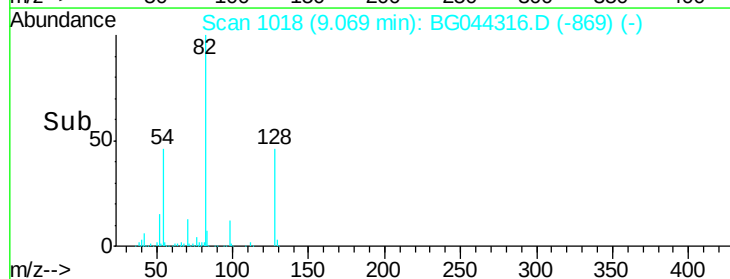
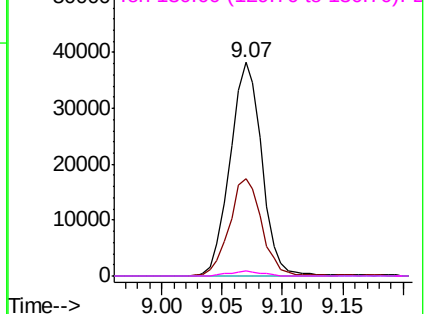
Abundance

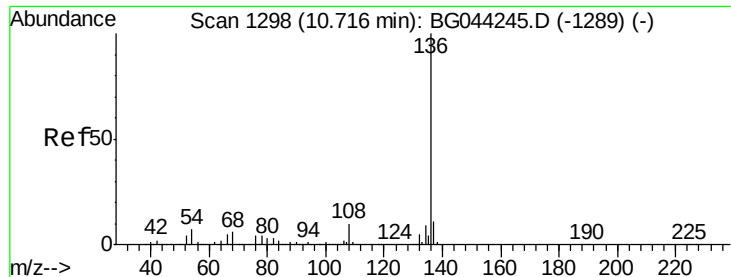
Ion 70.00 (69.70 to 70.70): BGC

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

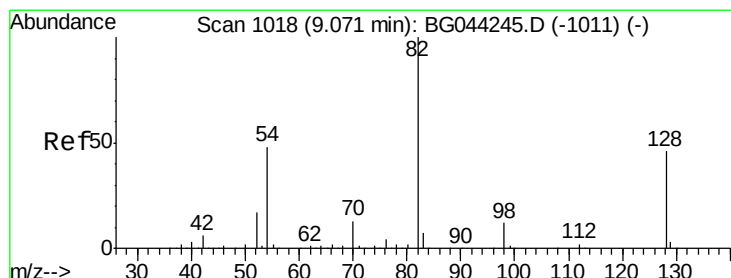
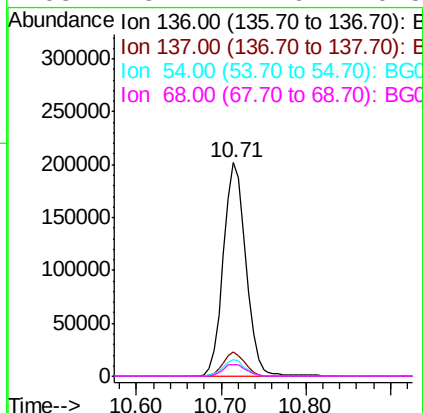
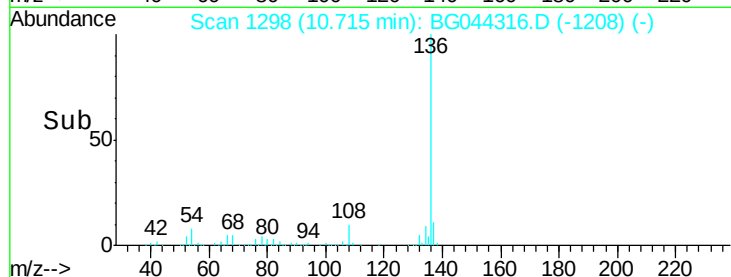
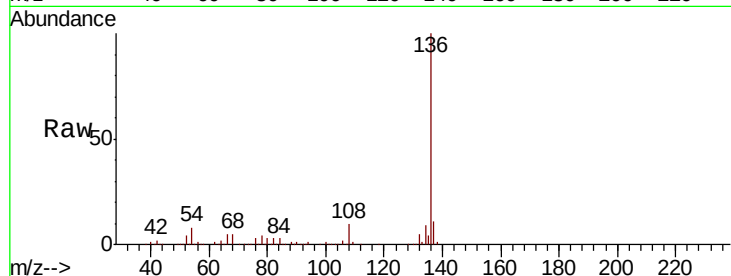




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

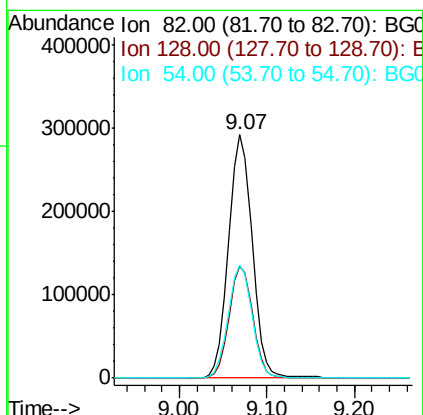
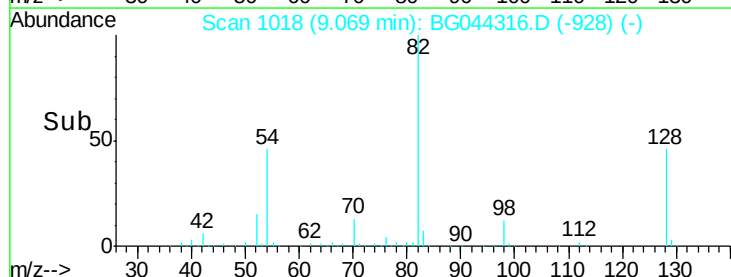
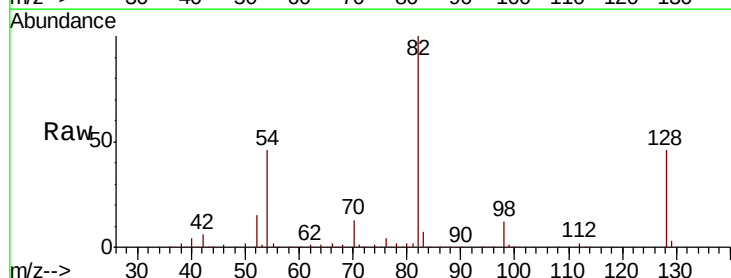
Instrument :
BNA_G
ClientSampleId :

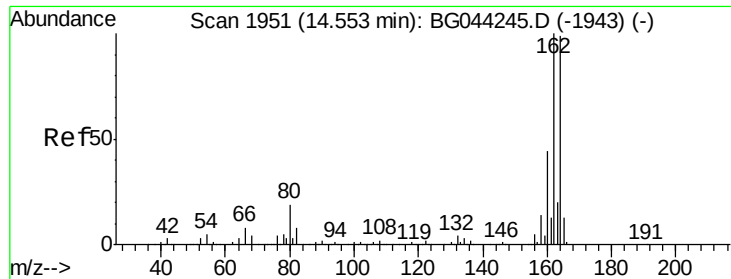
Tot Ion:136	Resp:	372296
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.6	5.8	8.8
68 5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 81.435 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Tgt Ion: 82	Resp: 537014
Ion Ratio	Lower Upper
82 100	
128 46.0	36.5 54.7
54 46.3	38.6 58.0

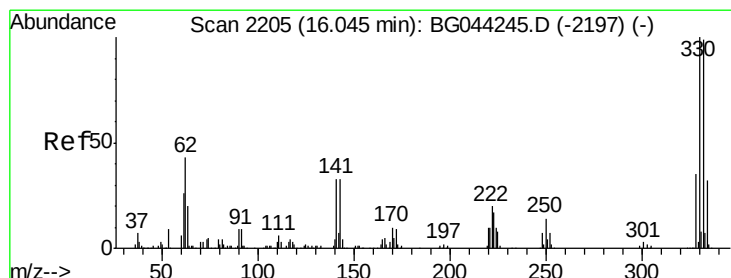
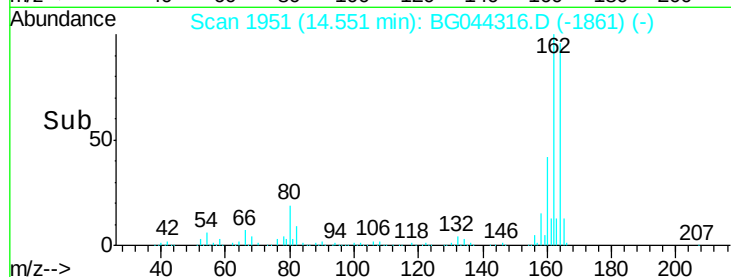
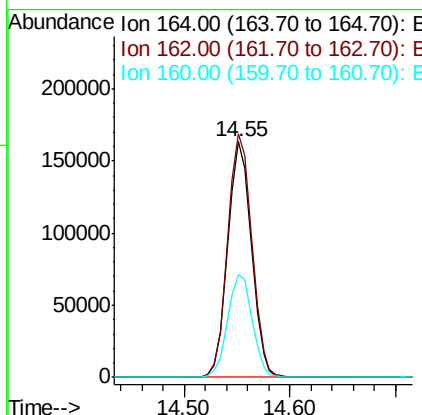
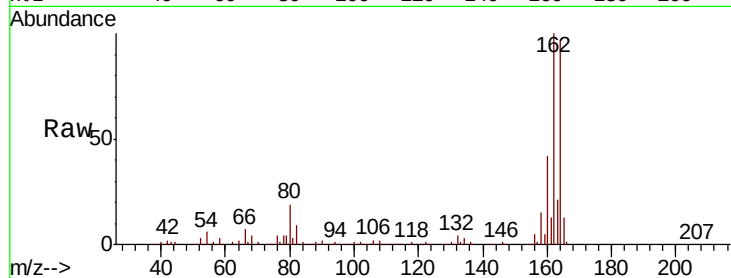




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

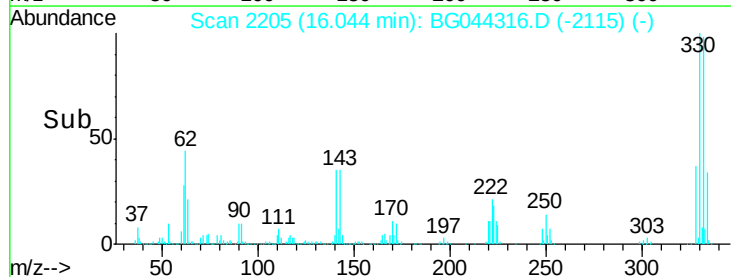
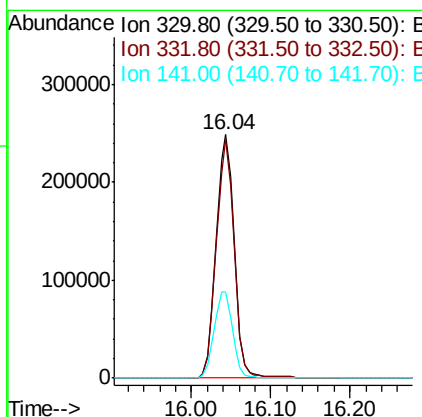
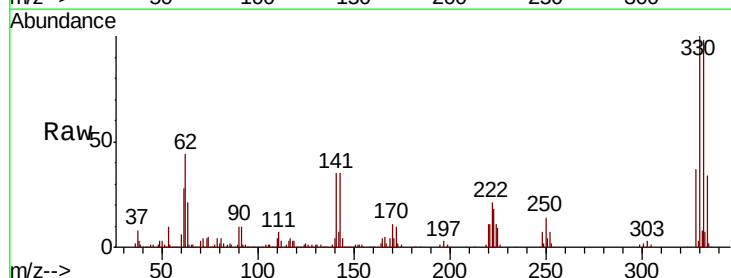
Instrument :
BNA_G
ClientSampleId :

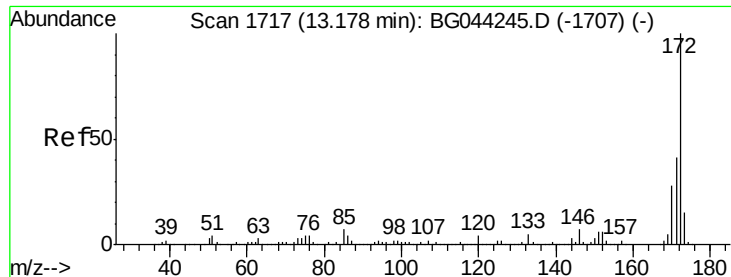
Tot Ion:164 Resp: 253202
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 43.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 132.767 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Tgt Ion:330 Resp: 394644
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 36.1 28.3 42.5



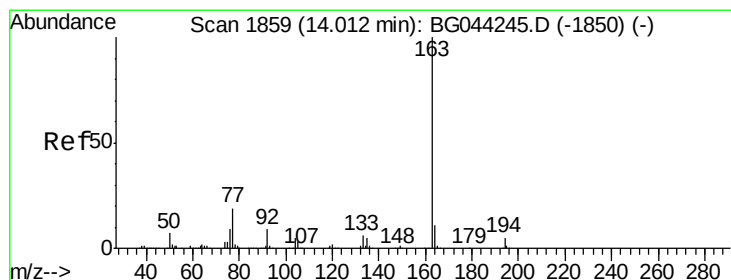
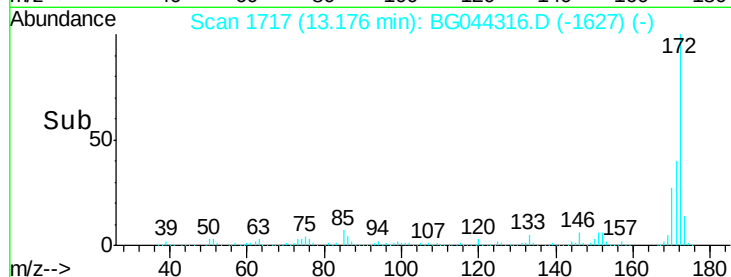
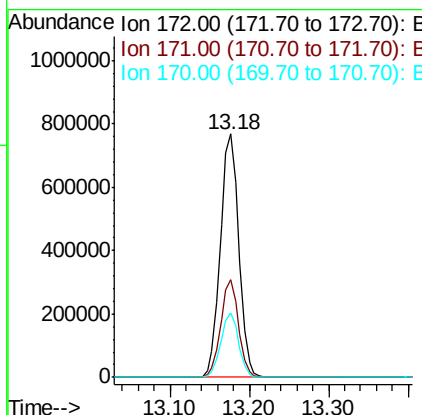
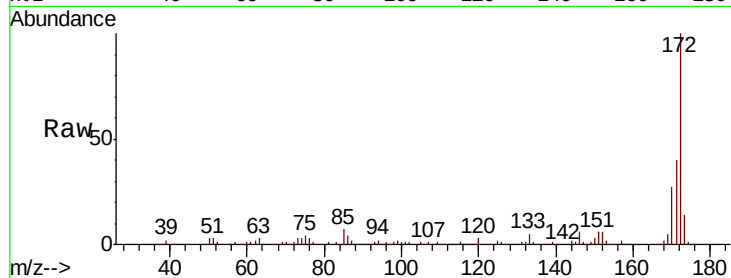


#45
 2-Fluorobiphenyl
 Concen: 81.900 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1238368

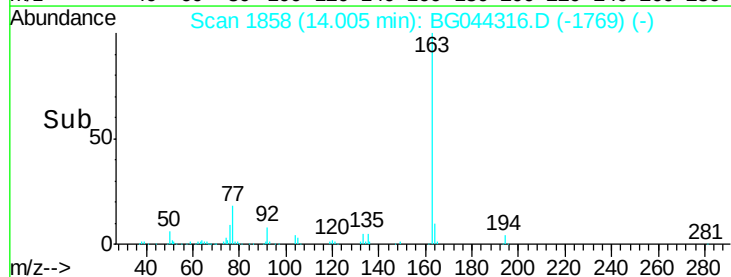
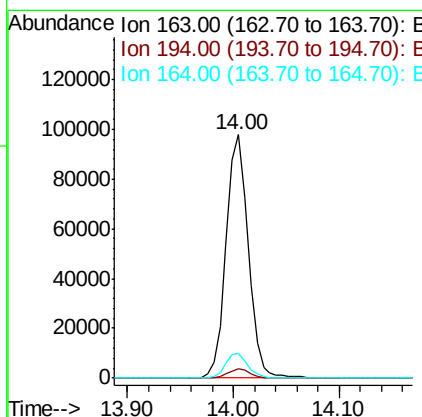
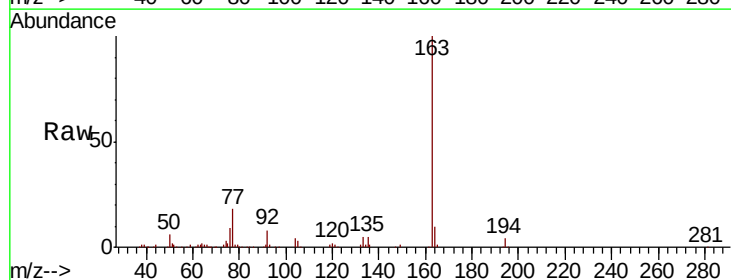
Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.9	49.3
170	26.6	22.0	33.0

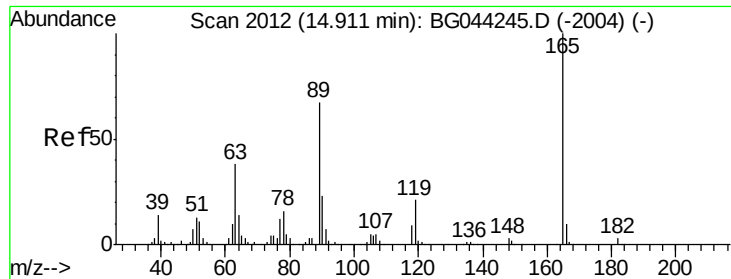


#50
 Dimethylphthalate
 Concen: 7.808 ng
 RT: 14.00 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Tgt Ion:163 Resp: 142119

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.1	8.7	13.1

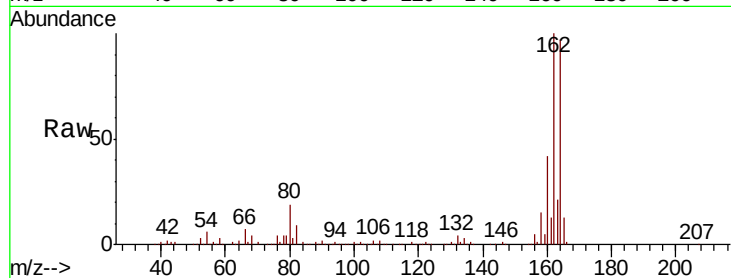




#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	30.3	45.5#
89	1.0	53.4	80.2#
182	0.0	2.1	3.1#



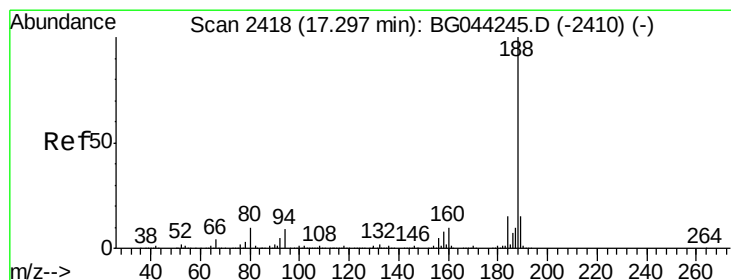
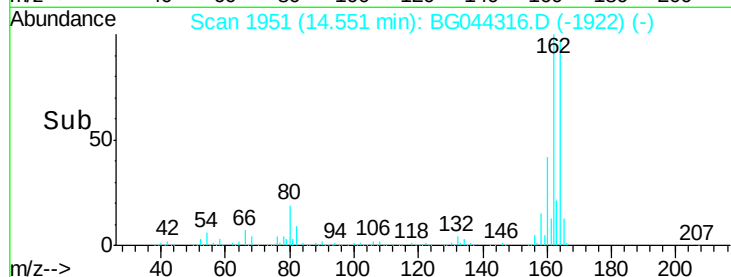
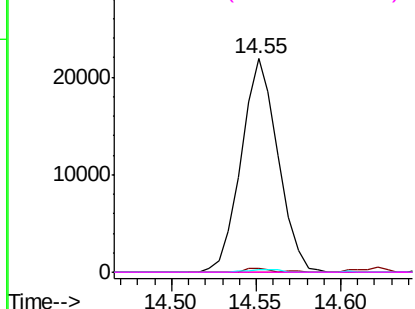
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

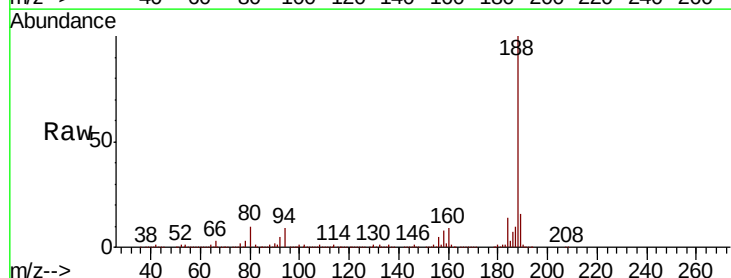
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.4	7.7	11.5

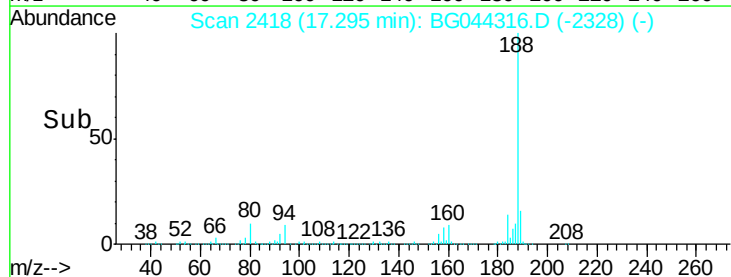
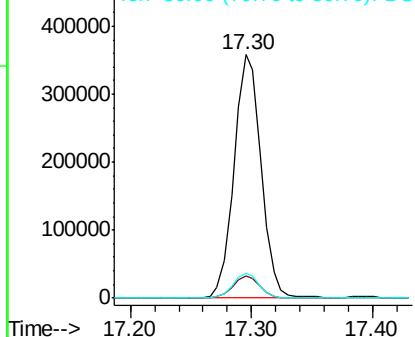


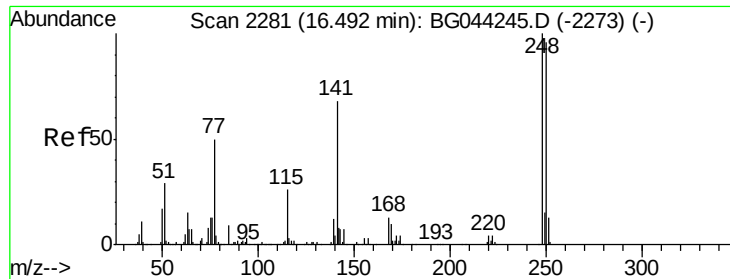
Abundance

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

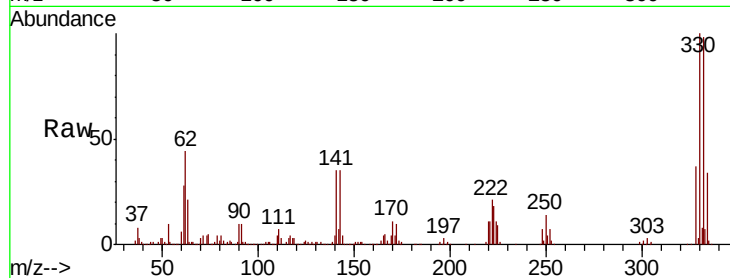




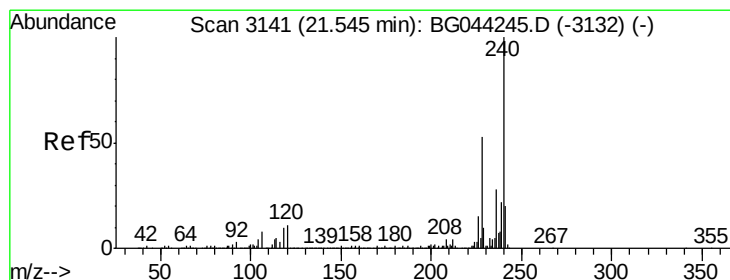
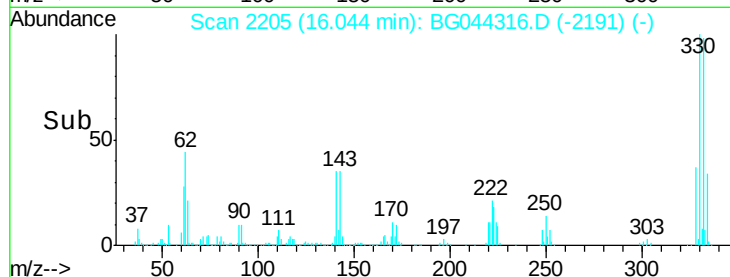
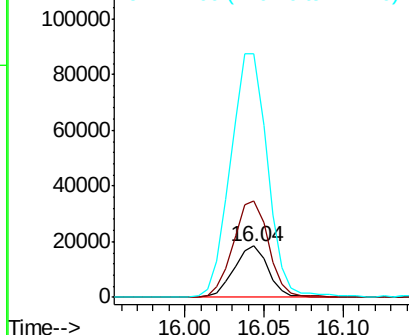
#67
 4-Bromophenyl-phenylether
 Concen: 4.539 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 27653
 Ion Ratio Lower Upper
 248 100
 250 188.5 76.6 114.8#
 141 473.2 54.7 82.1#

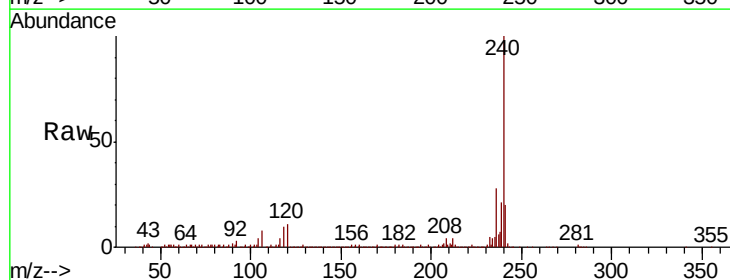


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

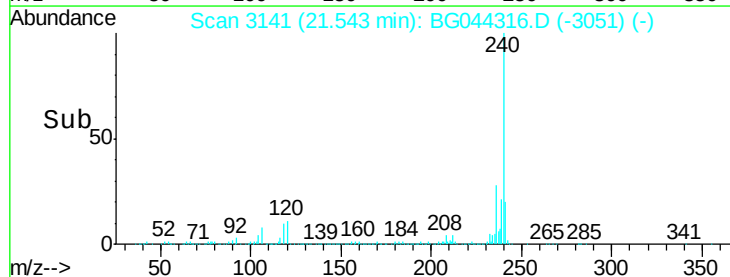
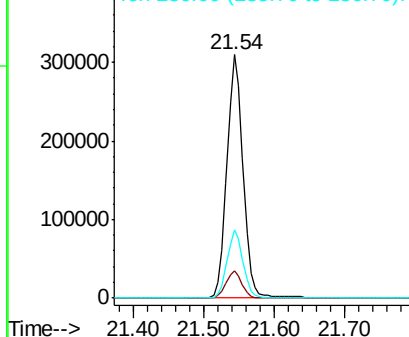


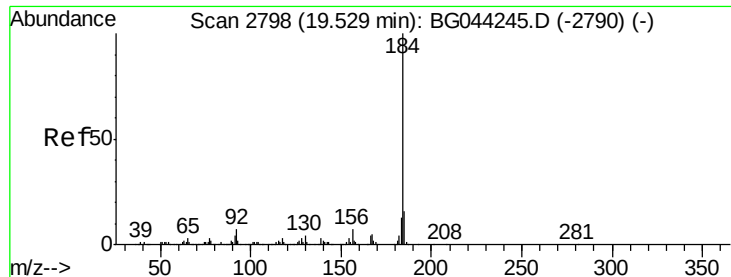
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Tgt Ion:240 Resp: 497395
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 27.9 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





#77

Benzidine

Concen: 2.466 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

BNA_G

ClientSampleId :

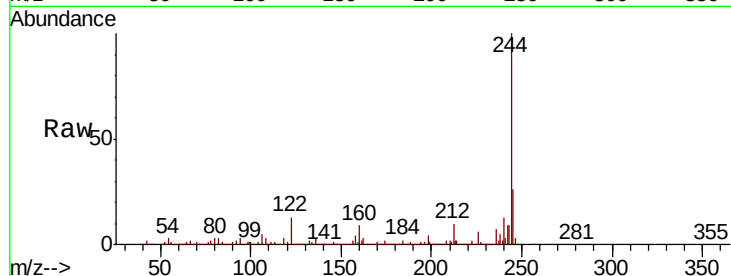
Tot Ion:184 Resp: 34016

Ion Ratio Lower Upper

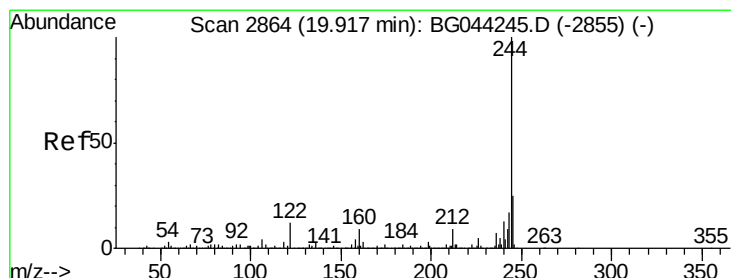
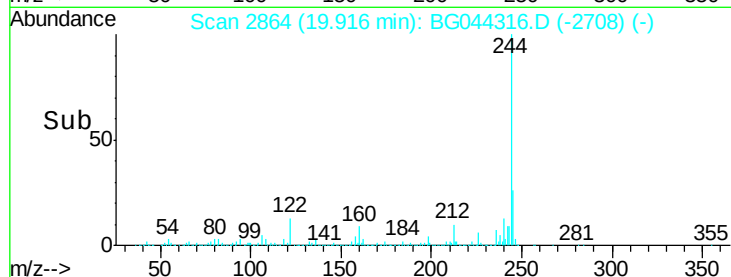
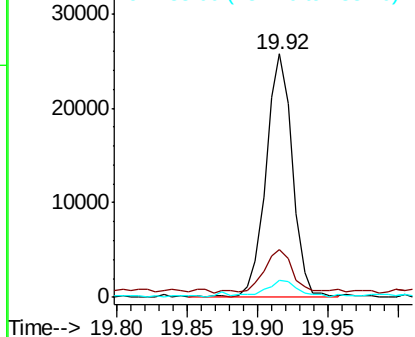
184 100

185 19.6 12.9 19.3#

183 7.2 10.8 16.2#



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: 79.977 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

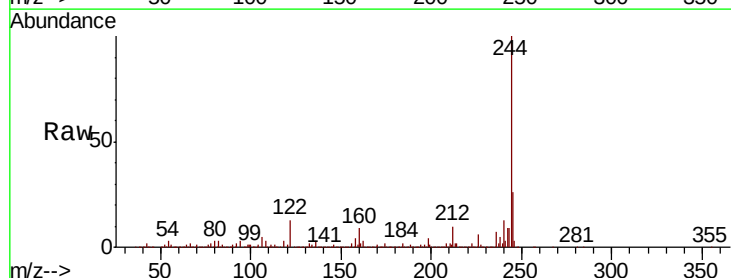
Tgt Ion:244 Resp: 1934002

Ion Ratio Lower Upper

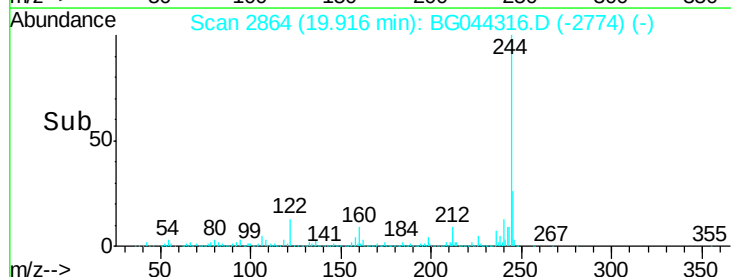
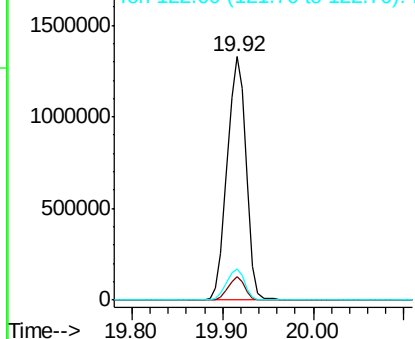
244 100

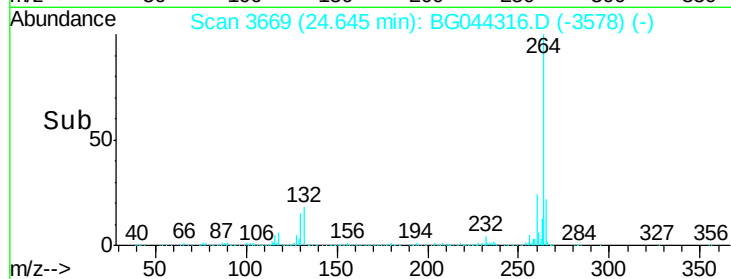
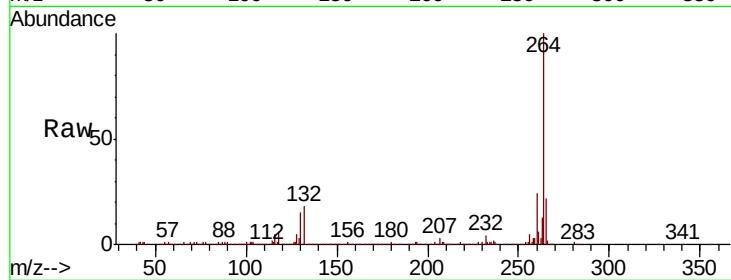
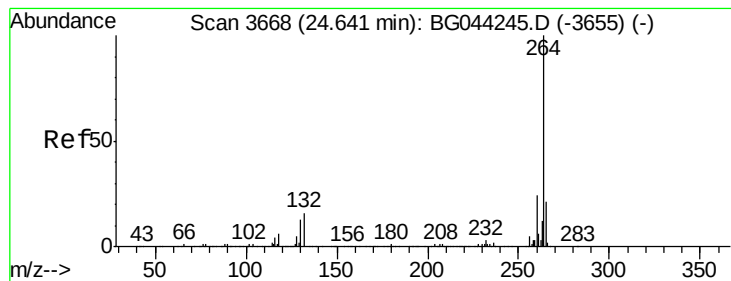
212 9.5 7.4 11.2

122 13.1 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

Pervlene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 264 Resp: 564854

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.5 16.7 25.1

