

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044545.D
 Acq On : 21 Feb 2020 12:19
 Operator : CG/JU
 Sample : PB126933BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:10:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

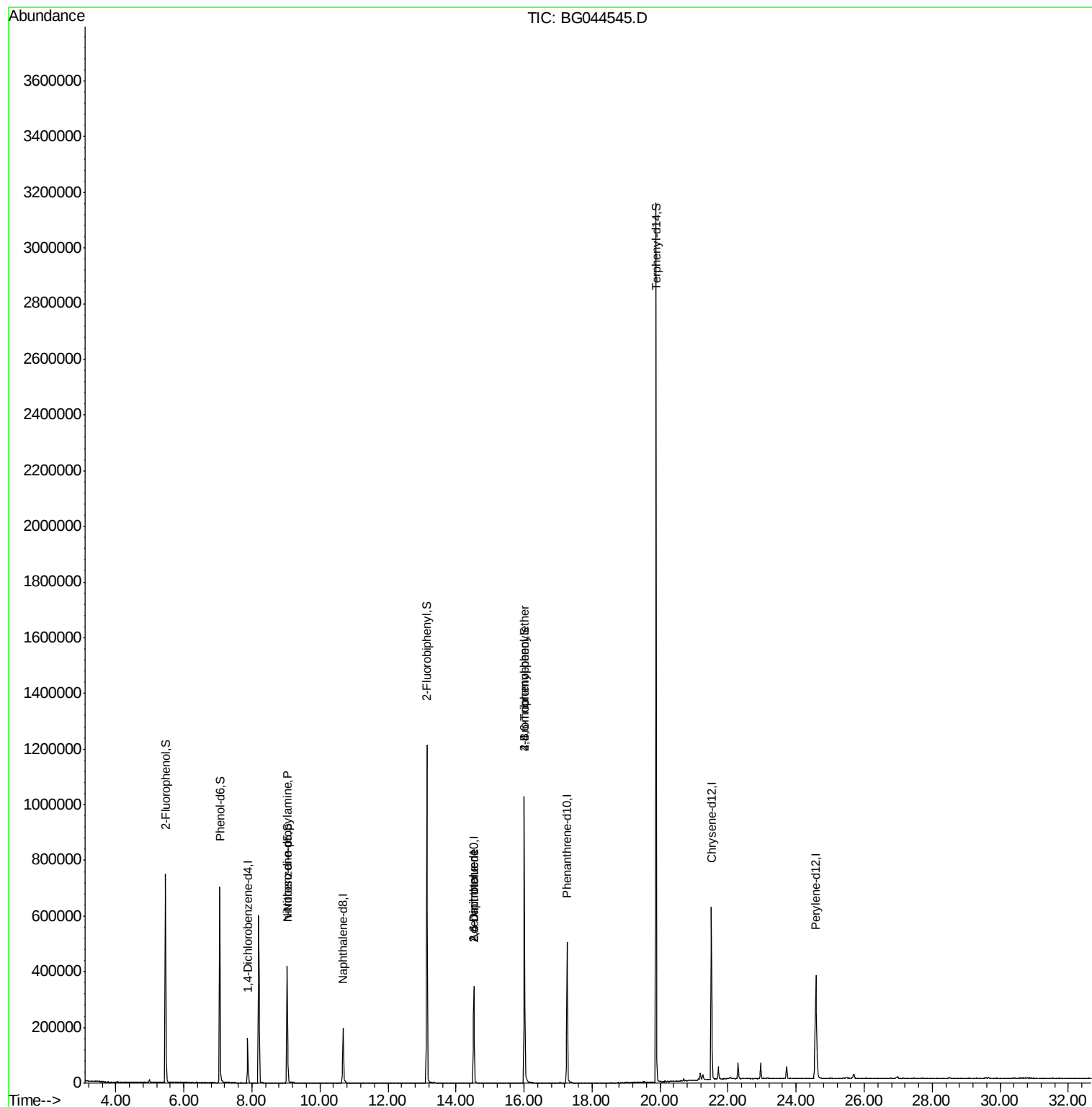
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	49321	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	200332	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	137848	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	349242	20.00	ng	0.00
76) Chrysene-d12	21.50	240	366199	20.00	ng	-0.01
87) Perylene-d12	24.58	264	403468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	373984	133.82	ng	0.00
7) Phenol-d6	7.06	99	482921	128.68	ng	0.00
23) Nitrobenzene-d5	9.04	82	285161	80.36	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	224628	138.81	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	722441	87.76	ng	0.00
79) Terphenyl-d14	19.88	244	1568897	88.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	36570	14.622	ng	# 79
51) 2,6-Dinitrotoluene	14.52	165	17925	8.113	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	17925	5.789	ng	# 28
67) 4-Bromophenyl-phenylether	16.01	248	14658	3.852	ng	# 1

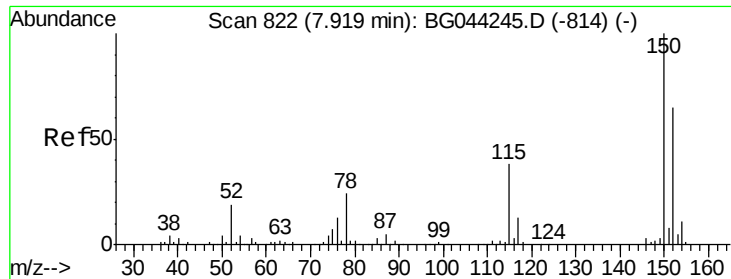
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 16:10:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration



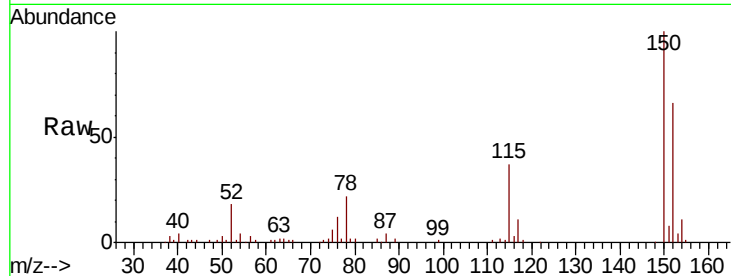


#1

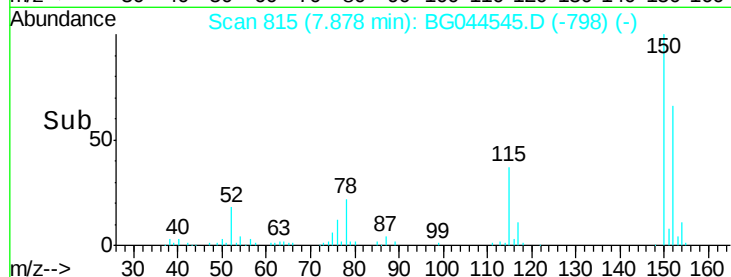
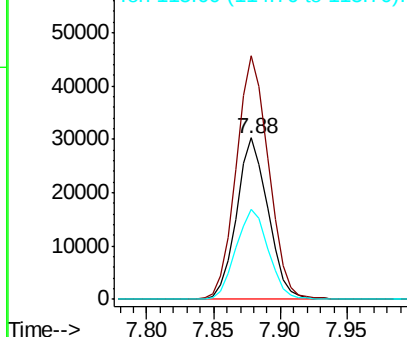
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49321
Ion Ratio Lower Upper
152 100
150 150.7 123.1 184.7
115 55.5 45.1 67.7



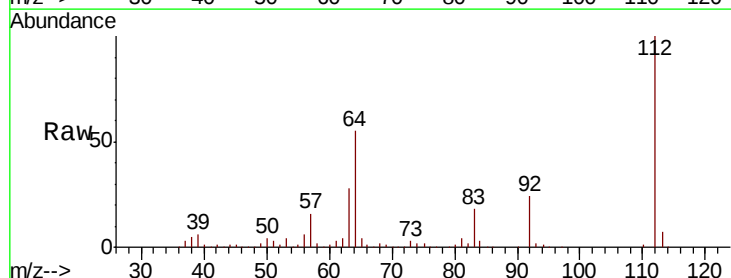
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



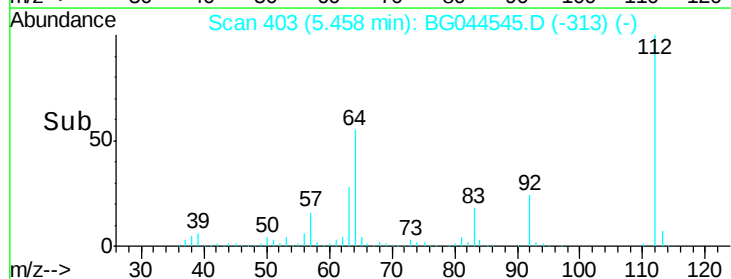
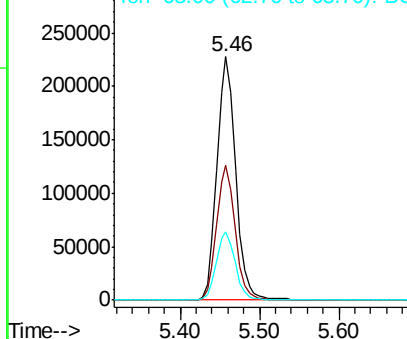
#5

2-Fluorophenol
Concen: 133.822 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Tgt Ion:112 Resp: 373984
Ion Ratio Lower Upper
112 100
64 55.3 44.5 66.7
63 28.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.683 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampleId :

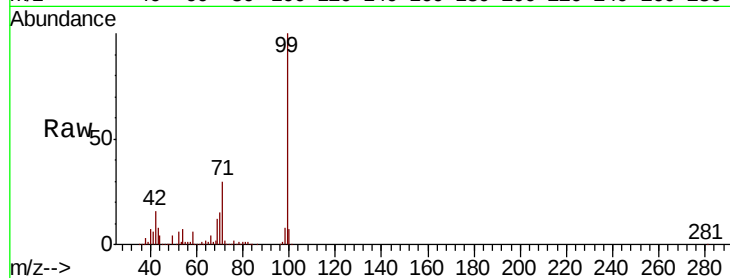
Tot Ion: 99 Resp: 482921

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.0

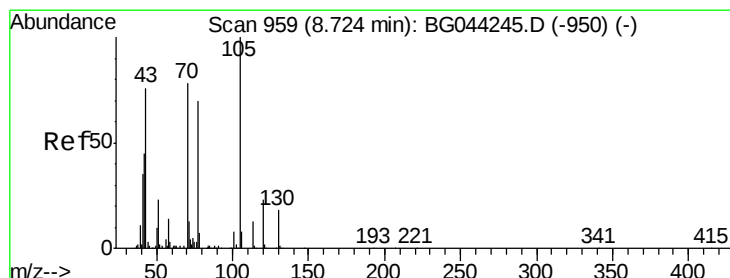
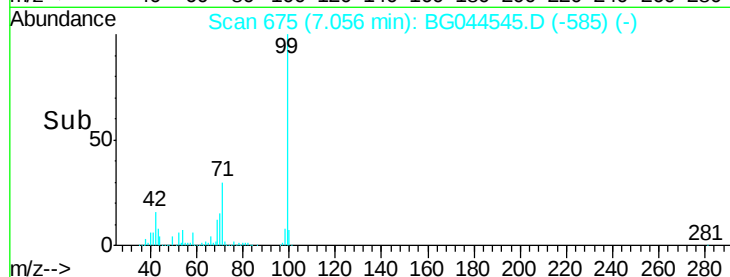
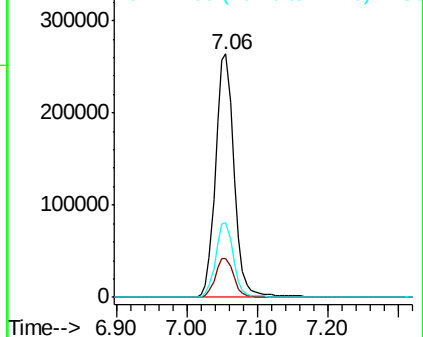
71 30.4 24.7 37.1



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: 14.622 ng

RT: 9.04 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Tgt Ion: 70 Resp: 36570

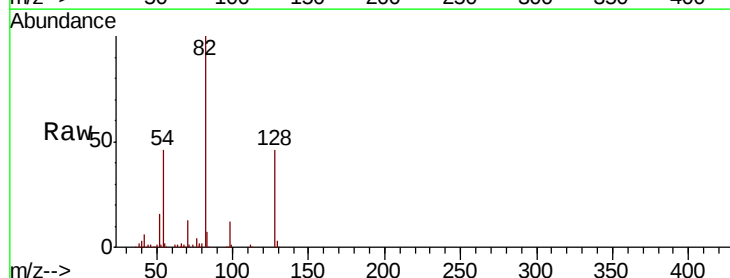
Ion Ratio Lower Upper

70 100

42 47.2 44.0 66.0

101 0.0 7.6 11.4#

130 2.2 18.2 27.2#

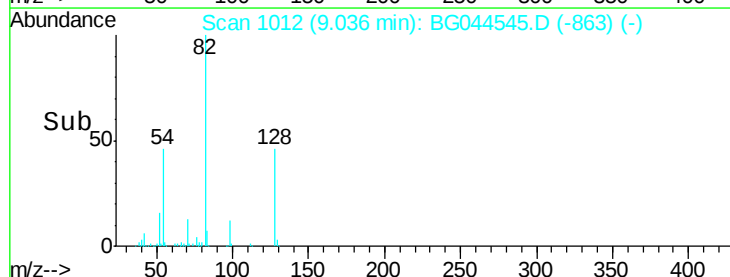
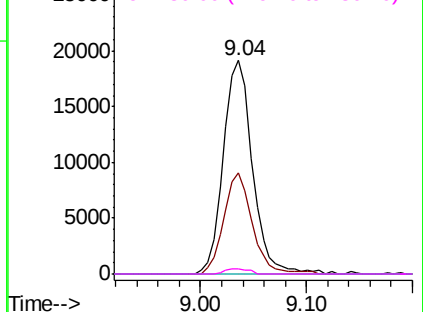


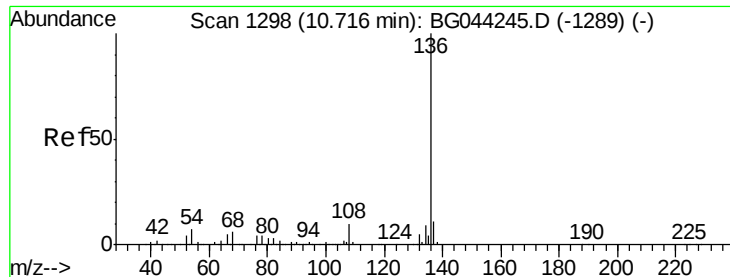
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

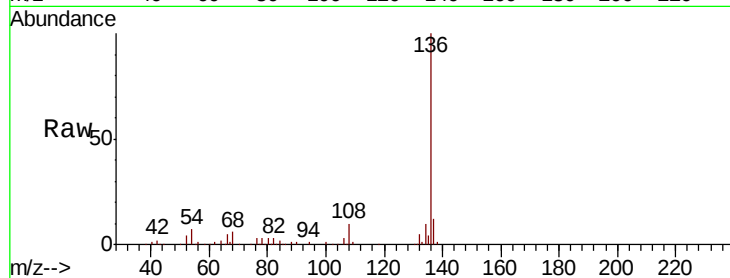




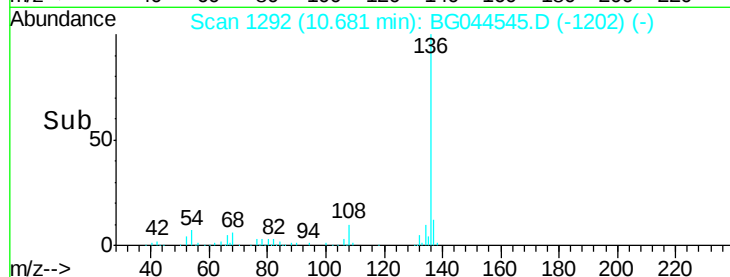
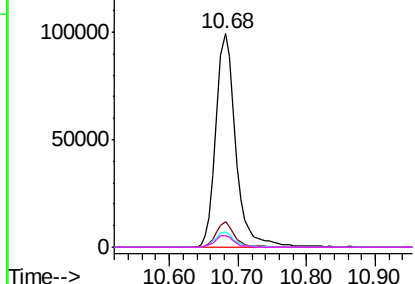
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	200332
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.0 13.6
54	7.1	5.5 8.3
68	5.6	4.6 6.8

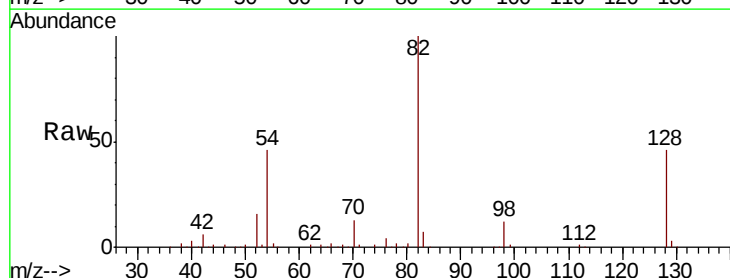


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

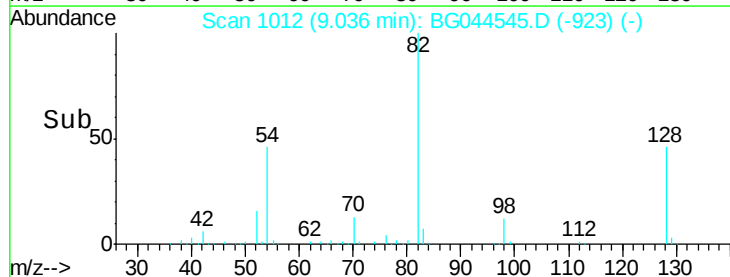
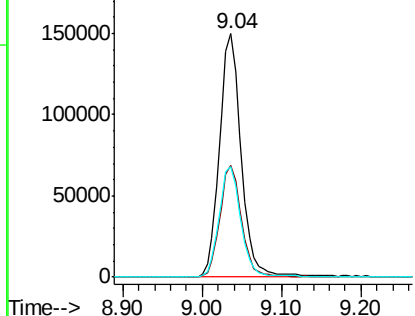


#23
Nitrobenzene-d5
Concen: 80.362 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Tgt Ion: 82	Resp:	285161
Ion	Ratio	Lower Upper
82	100	
128	46.0	39.1 58.7
54	45.6	37.9 56.9



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

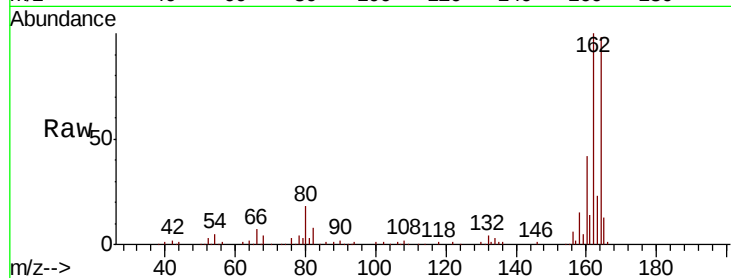




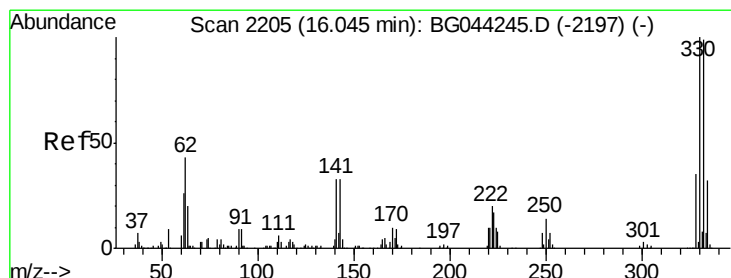
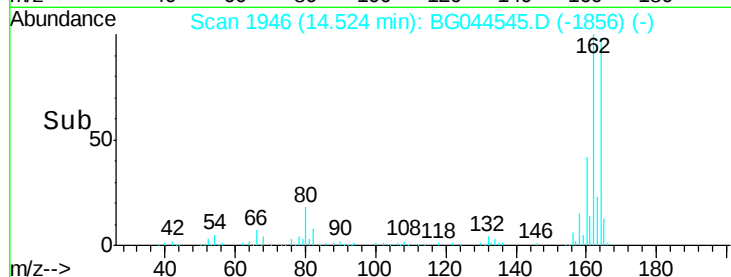
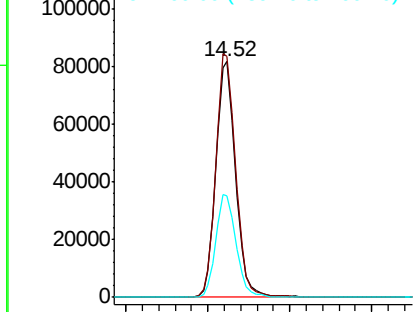
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 137848
Ion Ratio Lower Upper
164 100
162 102.4 81.9 122.9
160 43.0 35.5 53.3

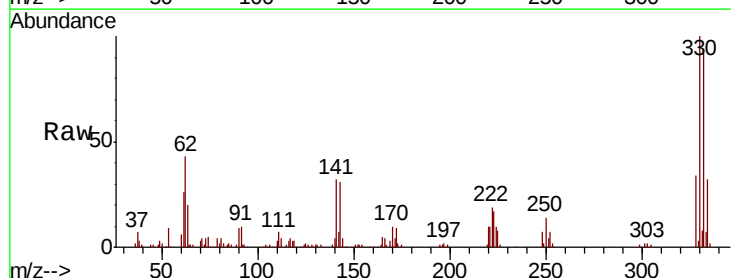


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

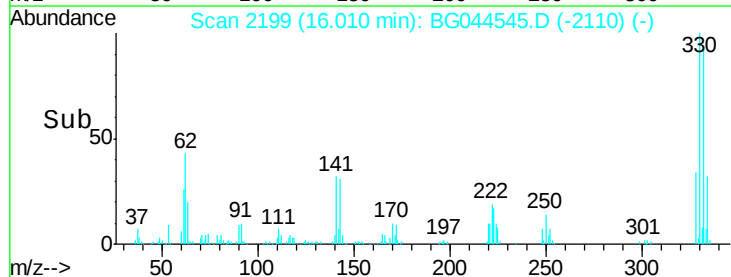
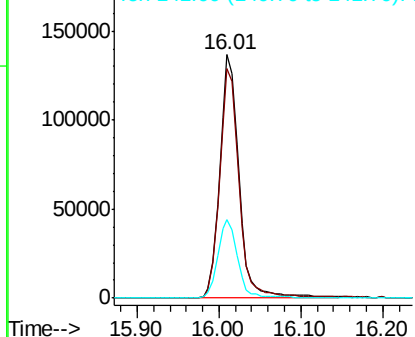


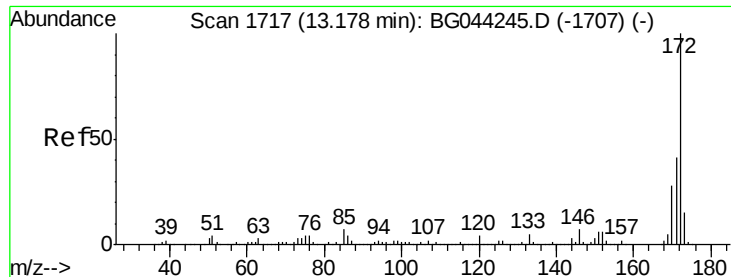
#42
2,4,6-Tribromophenol
Concen: 138.809 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Tgt Ion:330 Resp: 224628
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 33.5 26.5 39.7



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

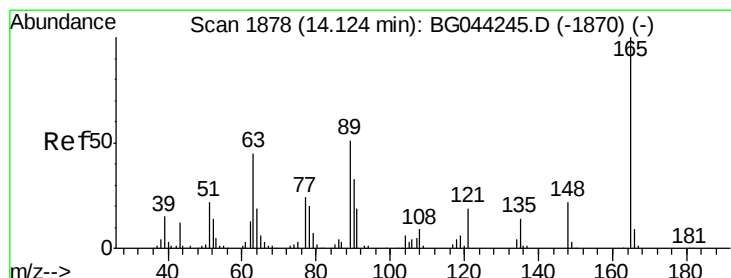
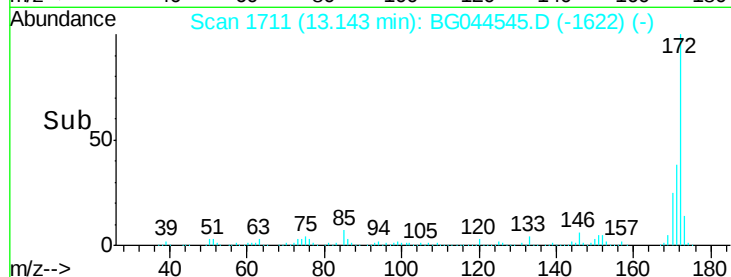
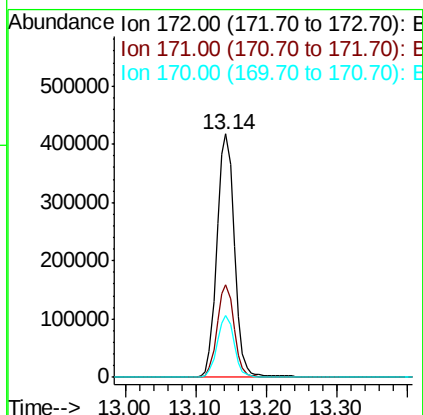
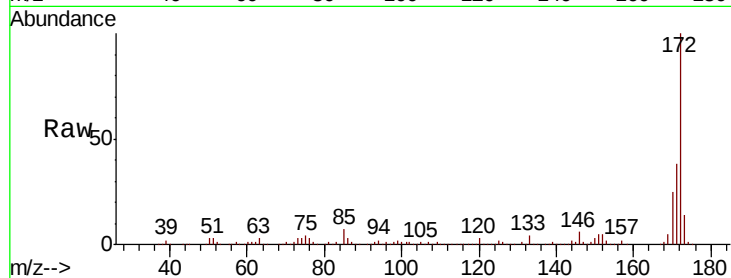




#45
 2-Fluorobiphenyl
 Concen: 87.761 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

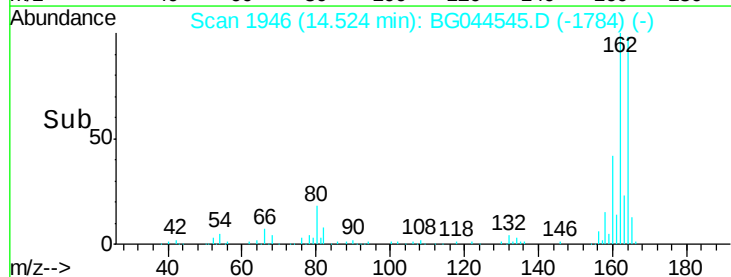
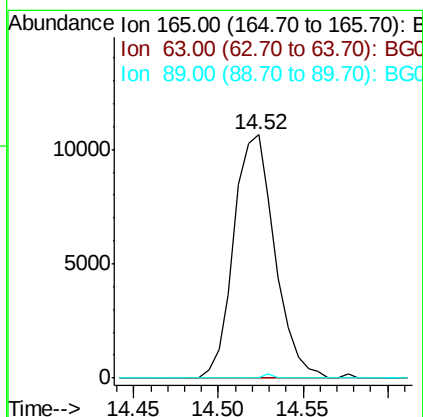
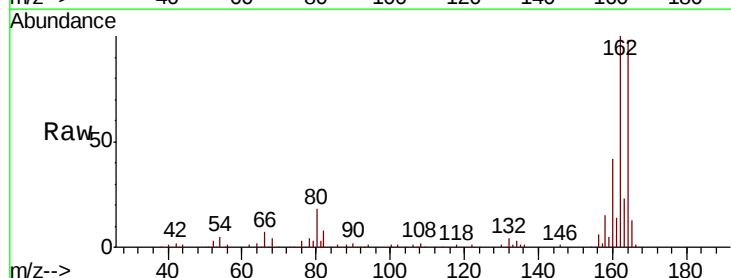
Instrument :
 BNA_G
 ClientSampleId :

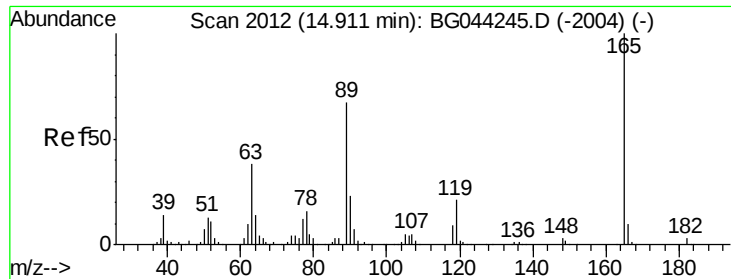
Tot Ion:172 Resp: 722441
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.3 48.5
 170 25.3 21.6 32.4



#51
 2,6-Dinitrotoluene
 Concen: 8.113 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

Tgt Ion:165 Resp: 17925
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.6#
 89 0.0 39.5 59.3#

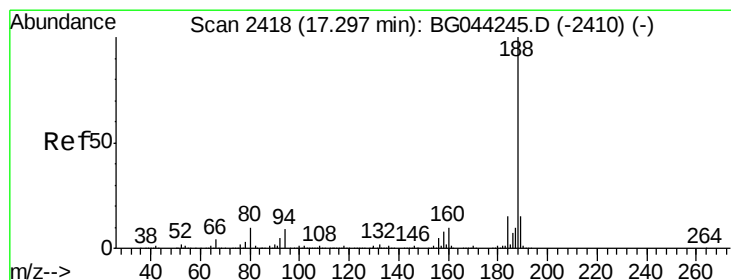
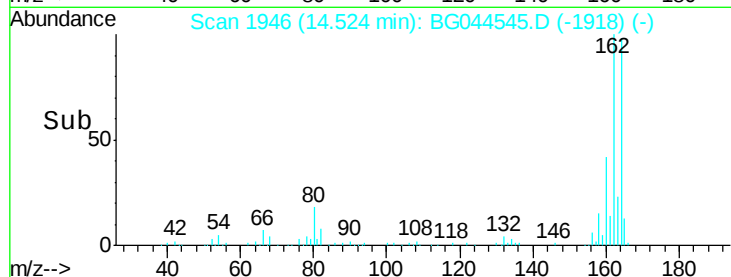
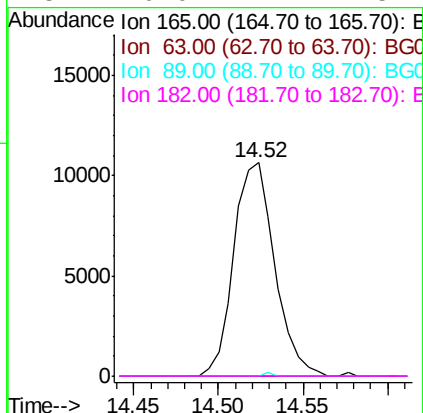
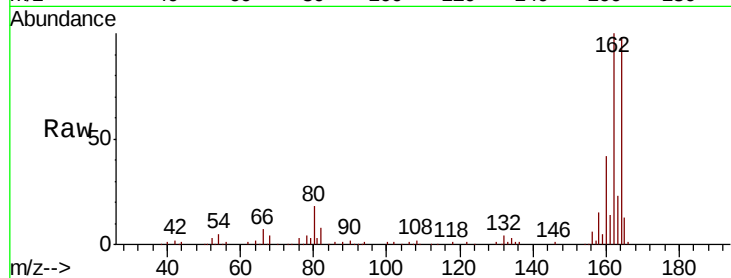




#57
 2,4-Dinitrotoluene
 Concen: 5.789 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

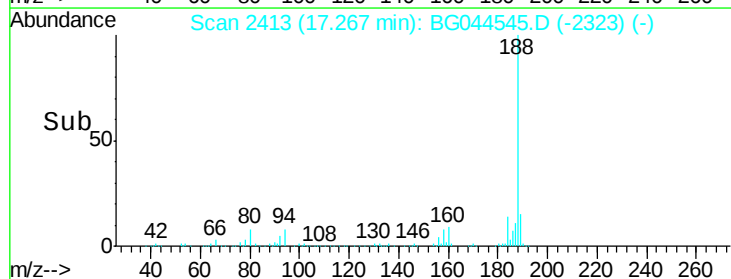
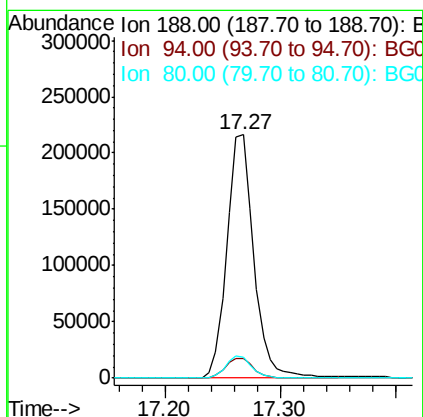
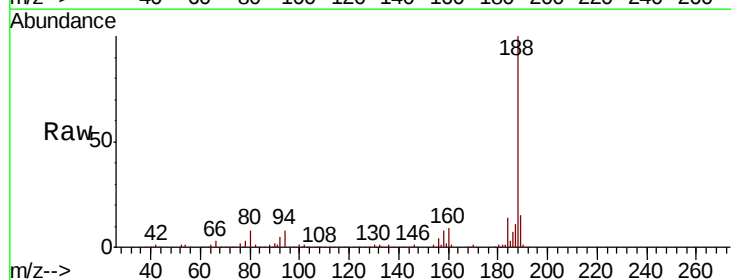
Instrument :
 BNA_G
 ClientSampleId :

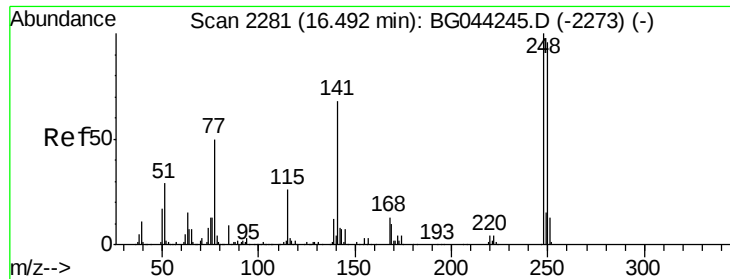
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.6	42.8#
89	0.0	50.7	76.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.0
80	8.4	7.8	11.6

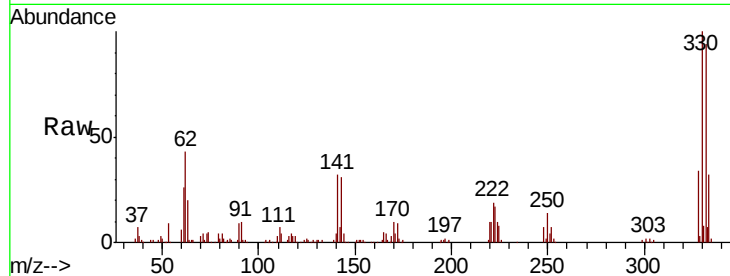




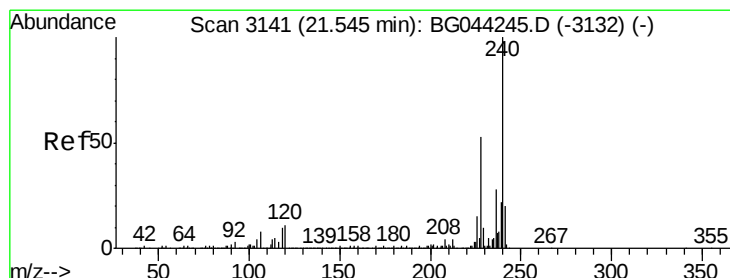
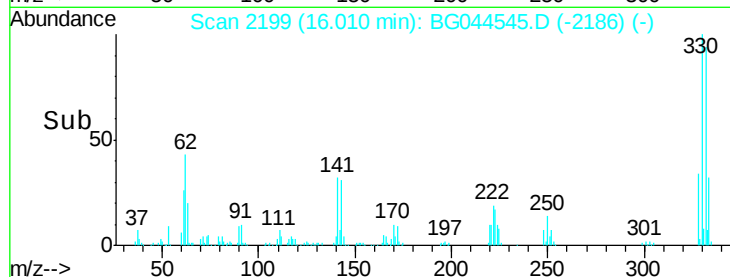
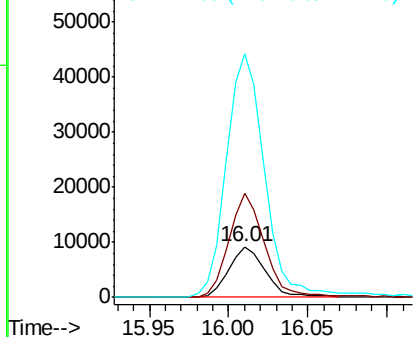
#67
4-Bromophenyl-phenylether
Concen: 3.852 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14658
Ion Ratio Lower Upper
248 100
250 205.9 76.8 115.2#
141 480.9 50.0 75.0#

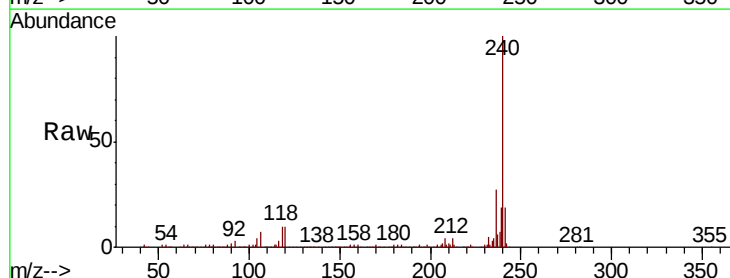


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

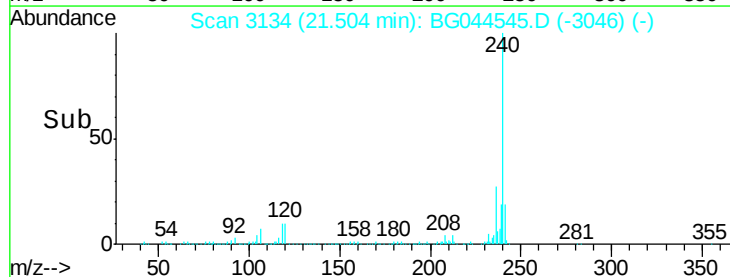
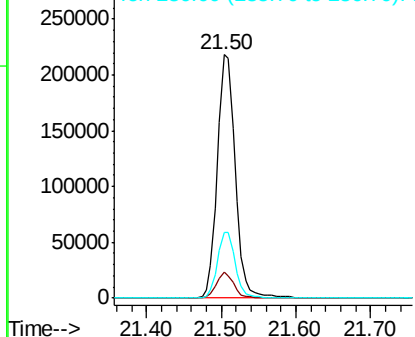


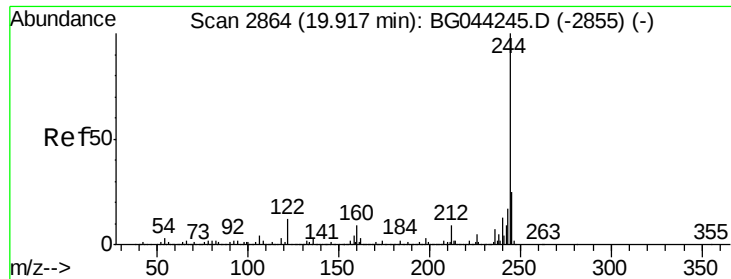
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Tgt Ion:240 Resp: 366199
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 27.0 22.0 33.0



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: 88.122 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampled :

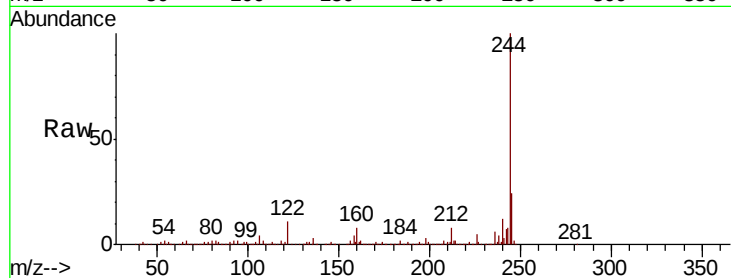
Tot Ion:244 Resp: 1568897

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

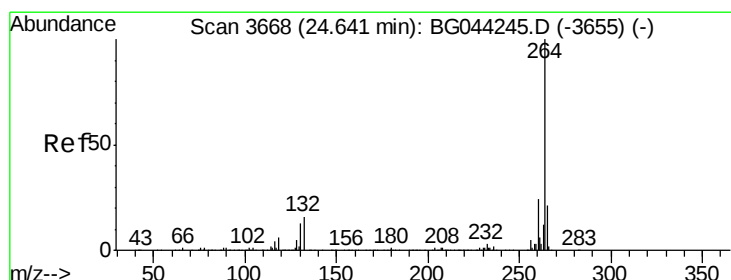
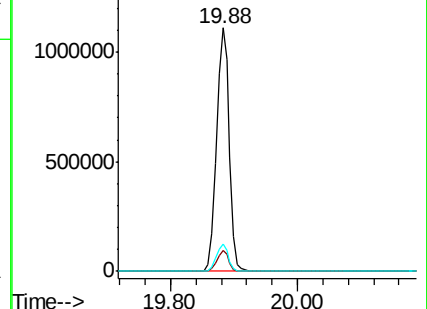
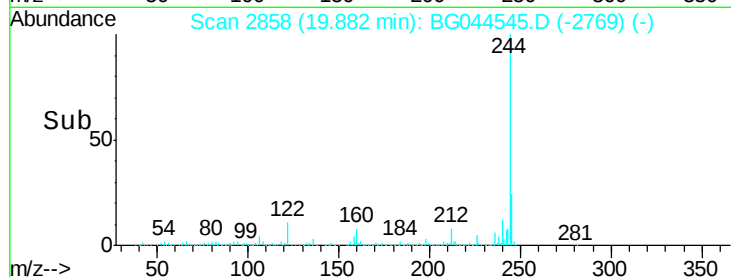
122 11.0 9.8 14.8



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: 24.58 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

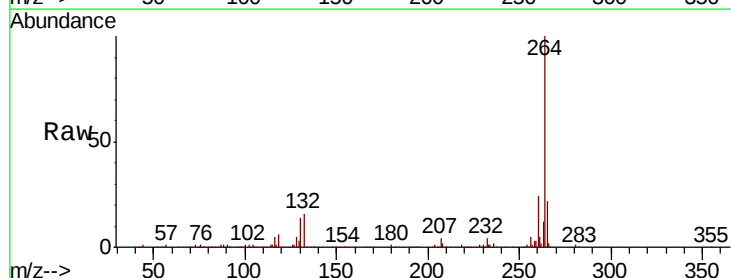
Tgt Ion:264 Resp: 403468

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.5 17.6 26.4



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

