

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044546.D
 Acq On : 21 Feb 2020 12:58
 Operator : CG/JU
 Sample : PB126914BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:10:57 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

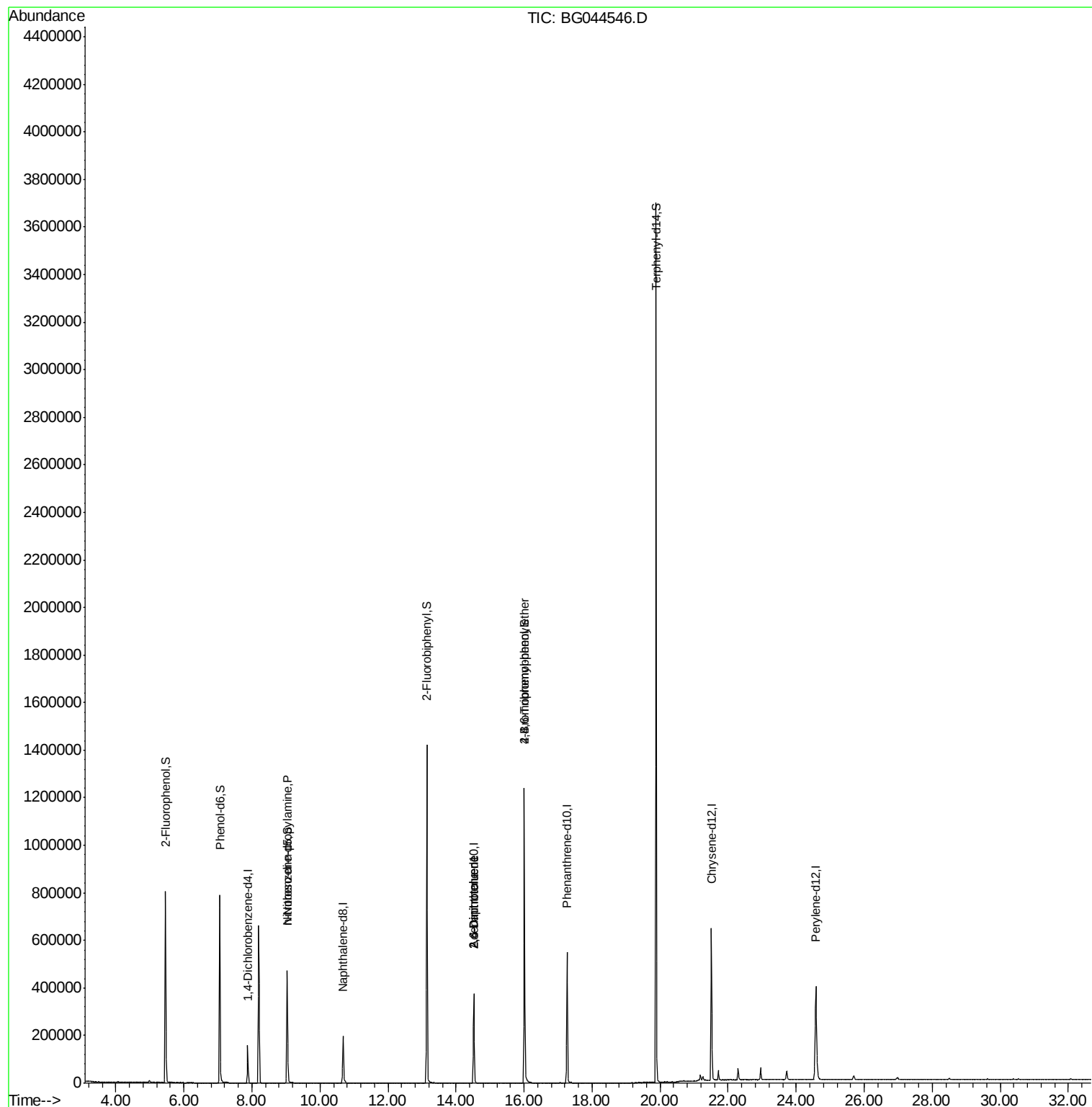
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	49556	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	203403	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	143450	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	376880	20.00	ng	0.00
76) Chrysene-d12	21.51	240	379878	20.00	ng	0.00
87) Perylene-d12	24.58	264	415146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	405825	144.53	ng	0.00
7) Phenol-d6	7.06	99	531676	141.00	ng	0.00
23) Nitrobenzene-d5	9.04	82	313313	86.96	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	265957	157.93	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	814618	95.09	ng	0.00
79) Terphenyl-d14	19.88	244	1767940	95.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	40604	16.158	ng	# 79
51) 2,6-Dinitrotoluene	14.52	165	18842	8.195	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	18842	5.847	ng	# 28
67) 4-Bromophenyl-phenylether	16.01	248	18030	4.391	ng	# 1

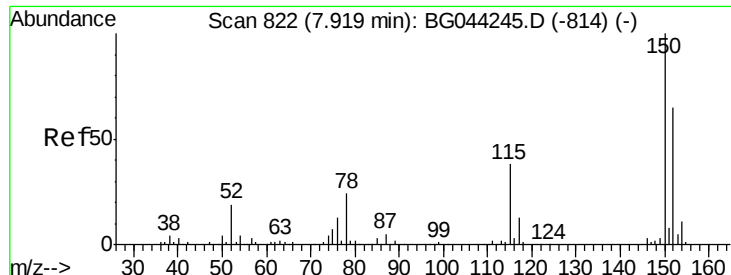
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044546.D
Acq On : 21 Feb 2020 12:58
Operator : CG/JU
Sample : PB126914BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 21 16:10:57 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



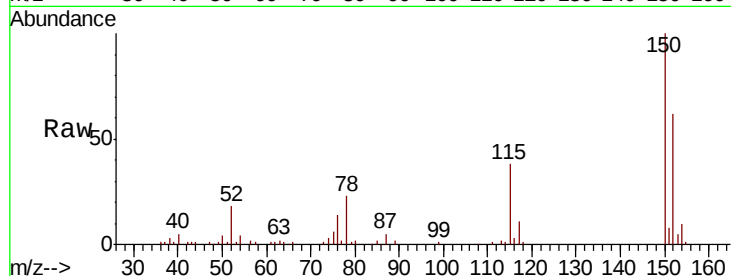


#1

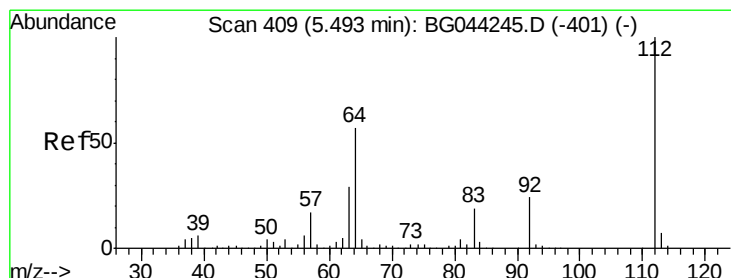
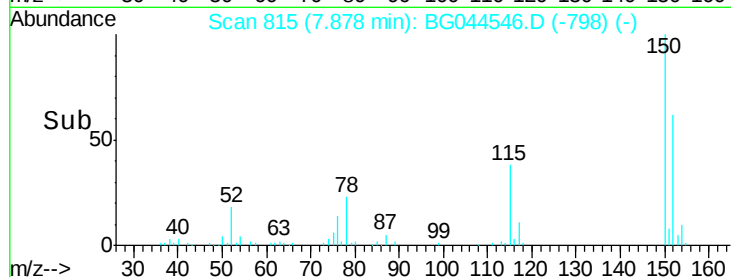
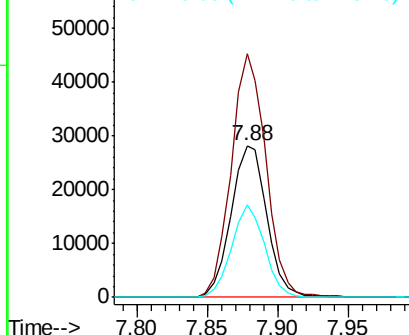
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49556
Ion Ratio Lower Upper
152 100
150 160.2 123.1 184.7
115 60.6 45.1 67.7



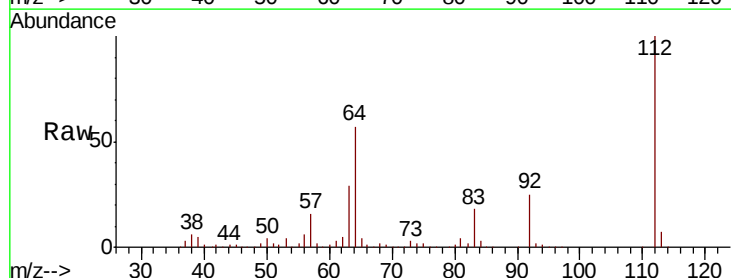
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



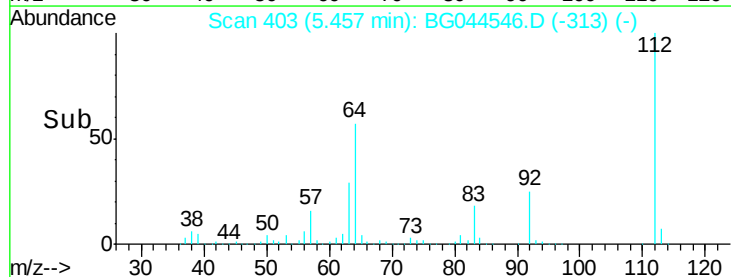
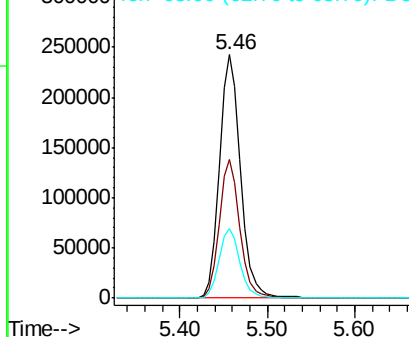
#5

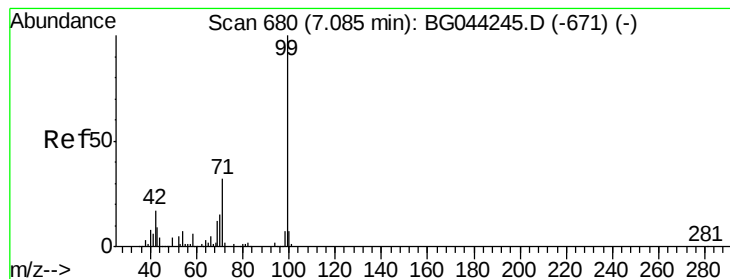
2-Fluorophenol
Concen: 144.527 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion:112 Resp: 405825
Ion Ratio Lower Upper
112 100
64 56.9 44.5 66.7
63 28.7 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: 141.003 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Instrument :

BNA_G

ClientSampleId :

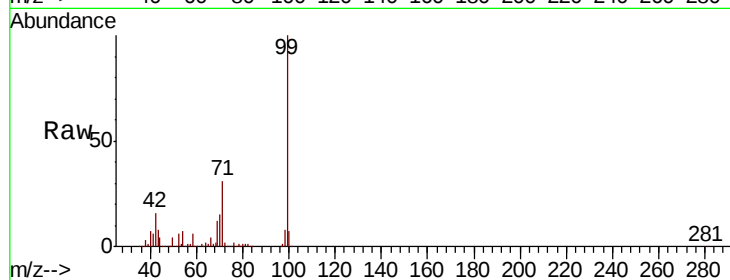
Tot Ion: 99 Resp: 531676

Ion Ratio Lower Upper

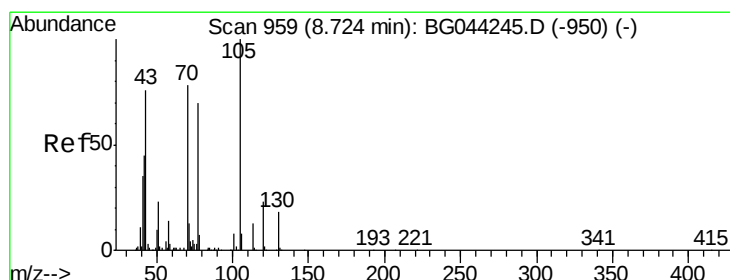
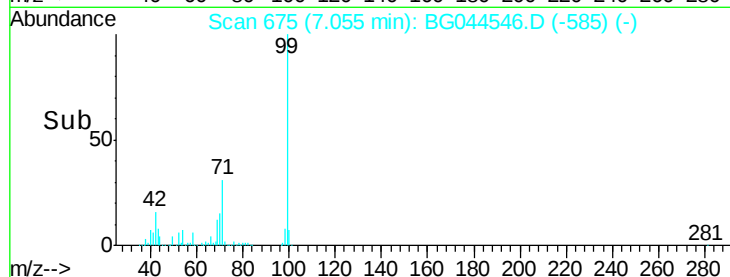
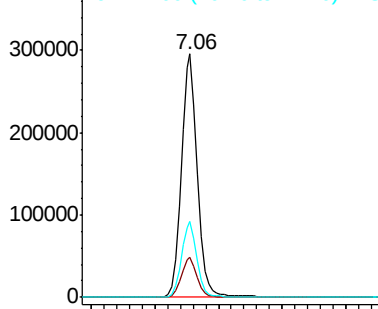
99 100

42 16.4 13.4 20.0

71 31.1 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: 16.158 ng

RT: 9.04 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Tgt Ion: 70 Resp: 40604

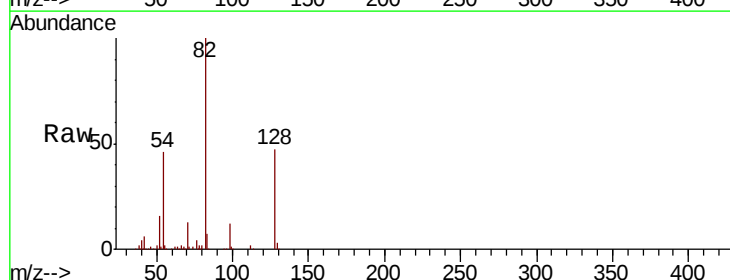
Ion Ratio Lower Upper

70 100

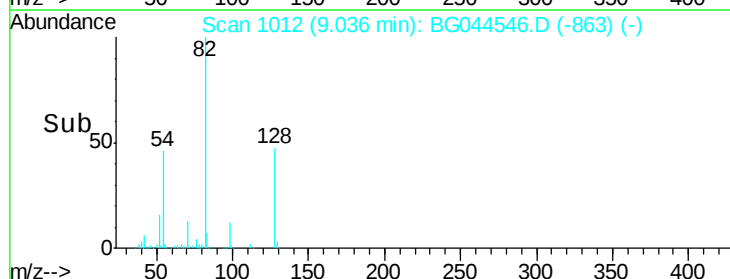
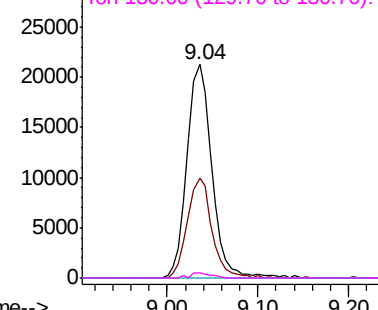
42 46.7 44.0 66.0

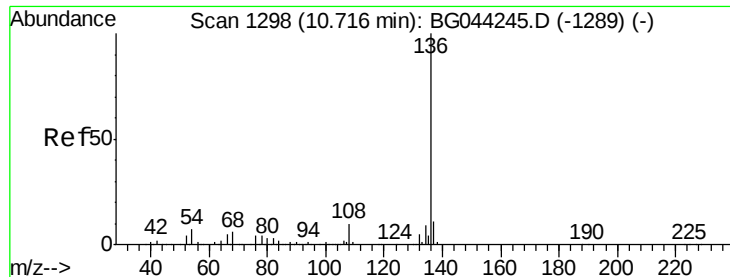
101 0.0 7.6 11.4#

130 2.3 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

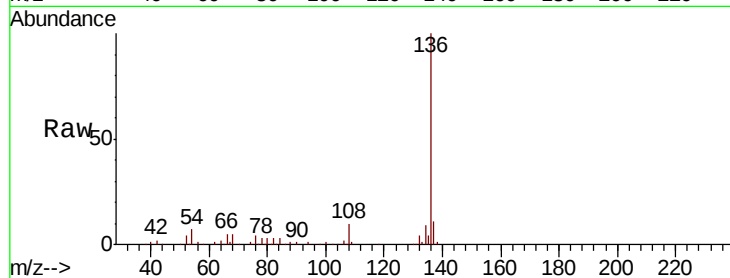




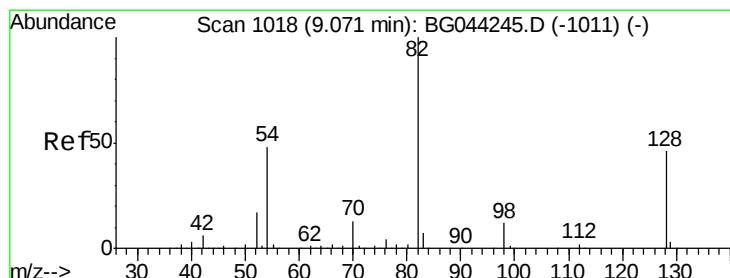
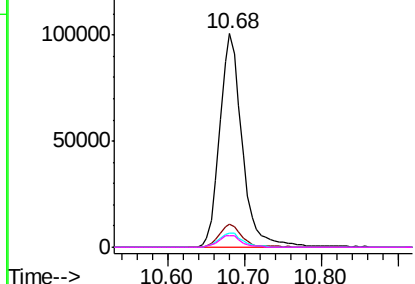
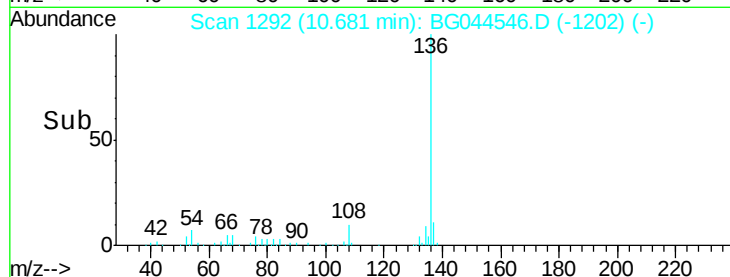
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	203403
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.0 13.6
54	6.8	5.5 8.3
68	5.5	4.6 6.8

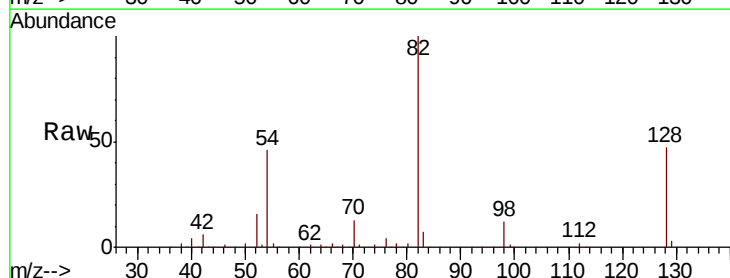


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

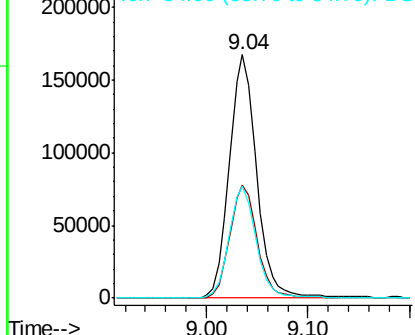
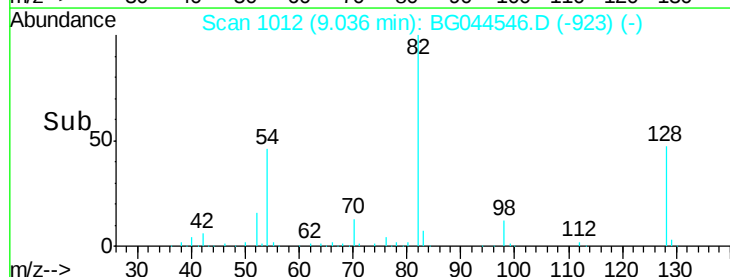


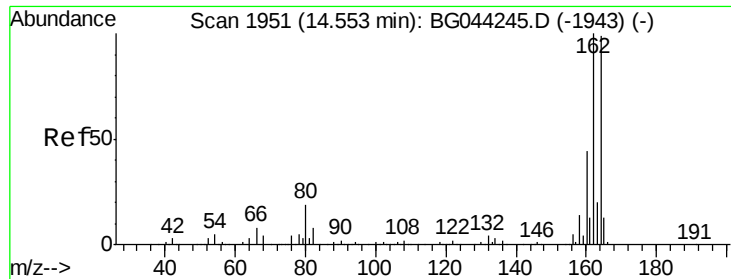
#23
Nitrobenzene-d5
Concen: 86.963 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion: 82	Resp:	313313
Ion	Ratio	Lower Upper
82	100	
128	46.5	39.1 58.7
54	46.1	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

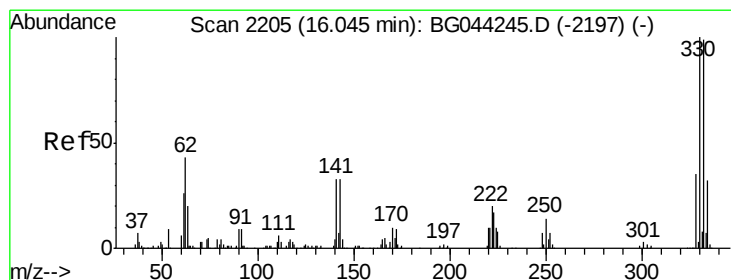
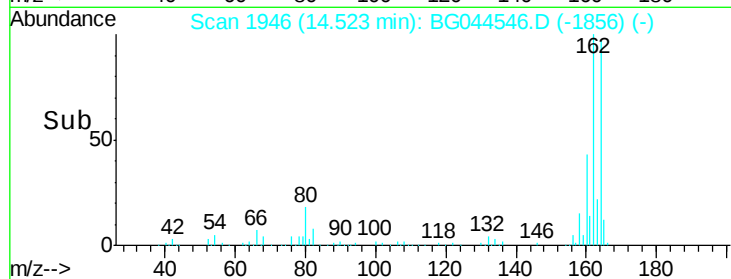
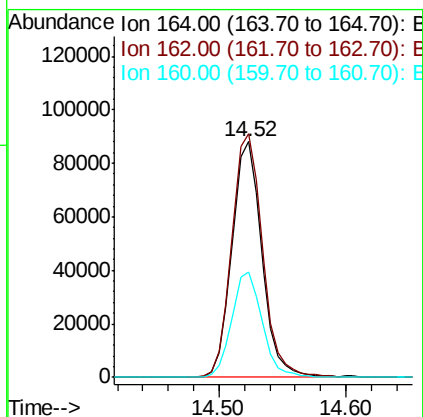
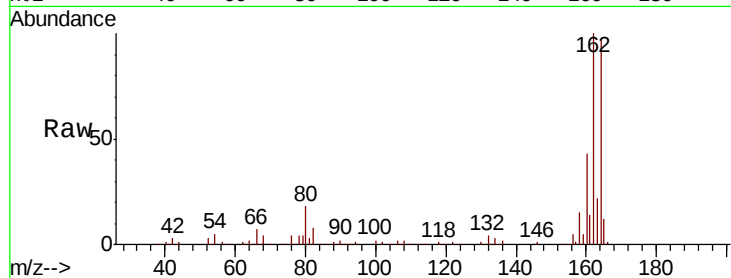




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

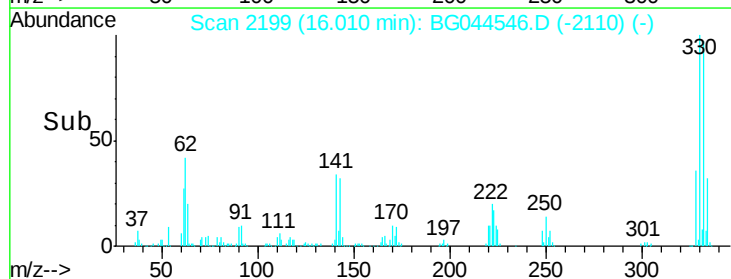
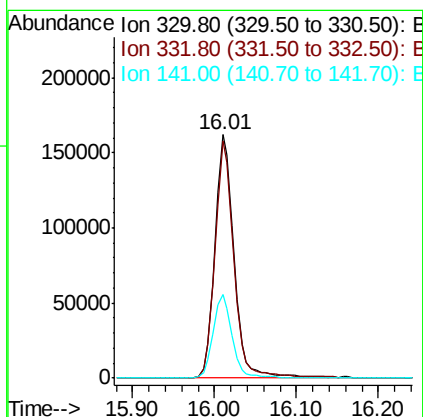
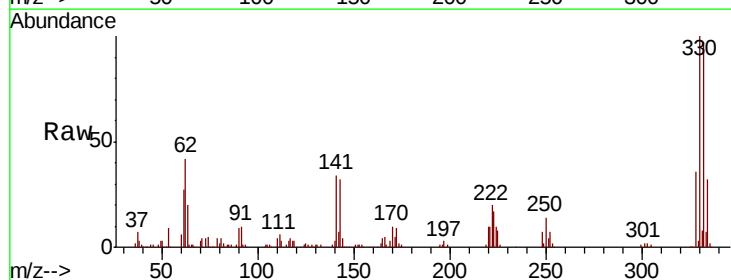
Instrument :
BNA_G
ClientSampleId :

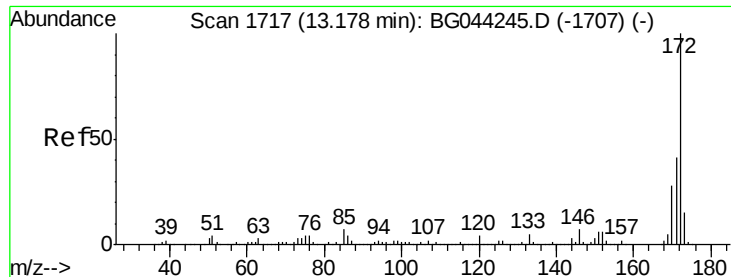
Tot Ion:164 Resp: 143450
Ion Ratio Lower Upper
164 100
162 103.2 81.9 122.9
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 157.930 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion:330 Resp: 265957
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 33.8 26.5 39.7

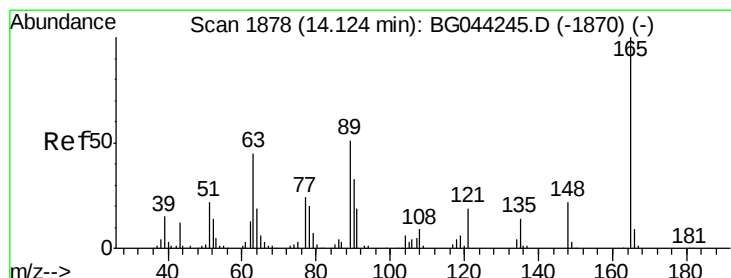
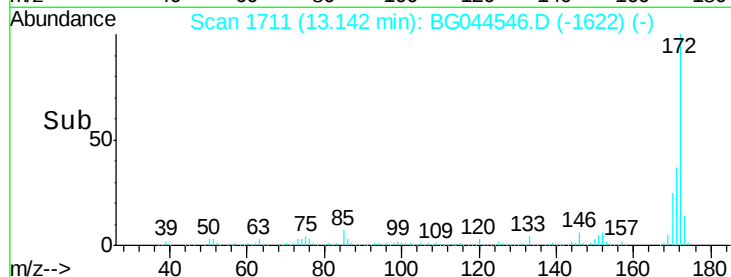
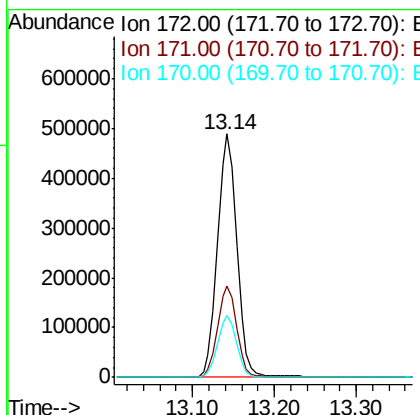
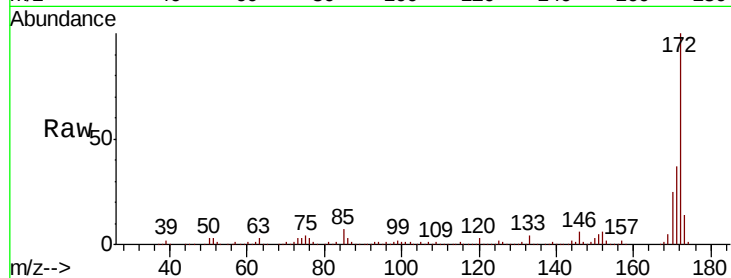




#45
 2-Fluorobiphenyl
 Concen: 95.094 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044546.D
 Acq: 21 Feb 2020 12:58

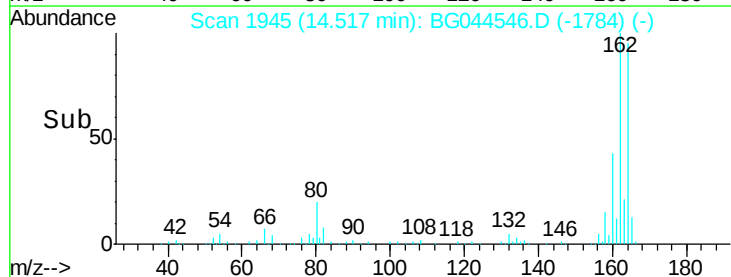
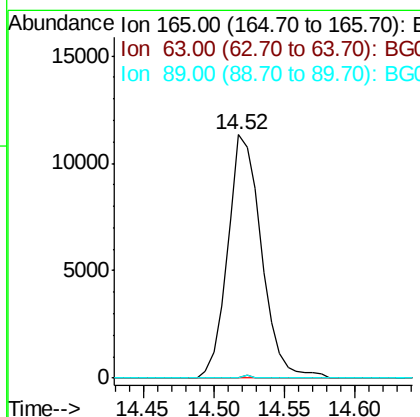
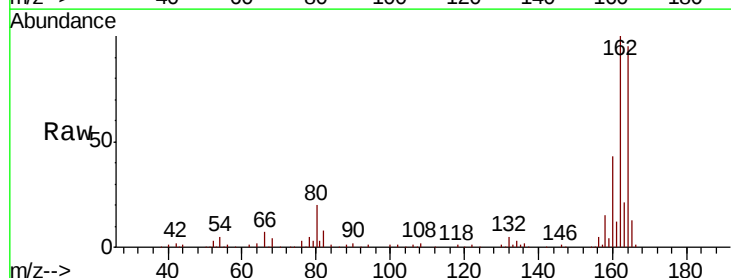
Instrument :
 BNA_G
 ClientSampleId :

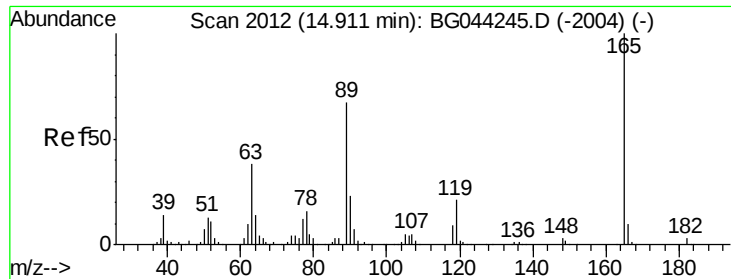
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.3	48.5
170	25.2	21.6	32.4



#51
 2,6-Dinitrotoluene
 Concen: 8.195 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.42 min
 Lab File: BG044546.D
 Acq: 21 Feb 2020 12:58

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

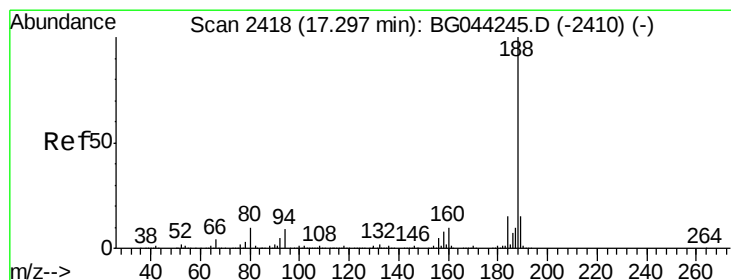
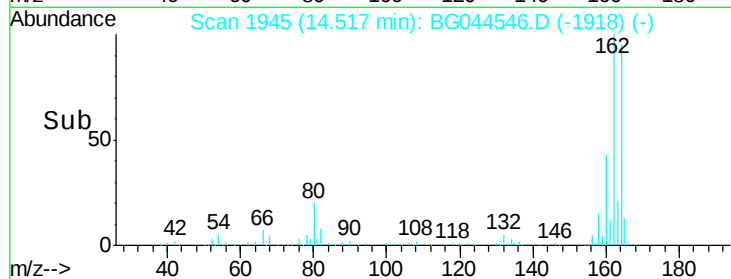
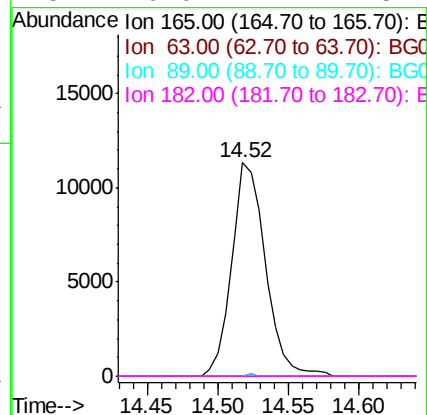
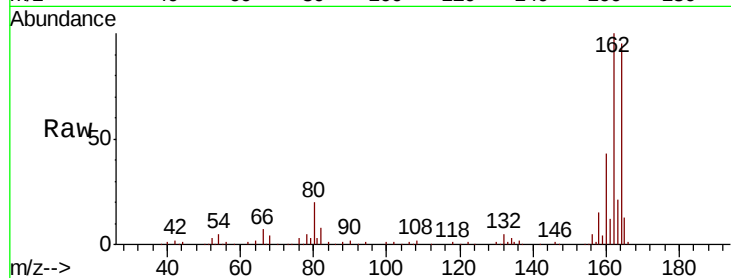




#57
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044546.D
 Acq: 21 Feb 2020 12:58

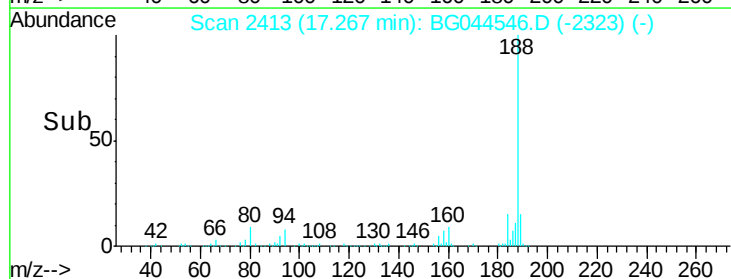
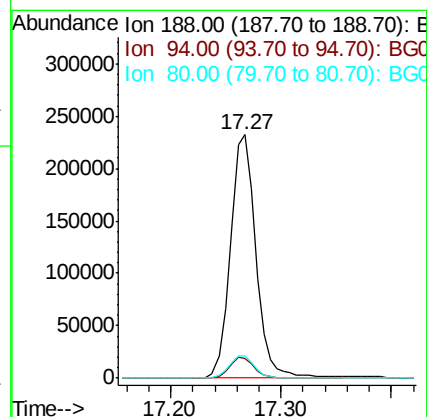
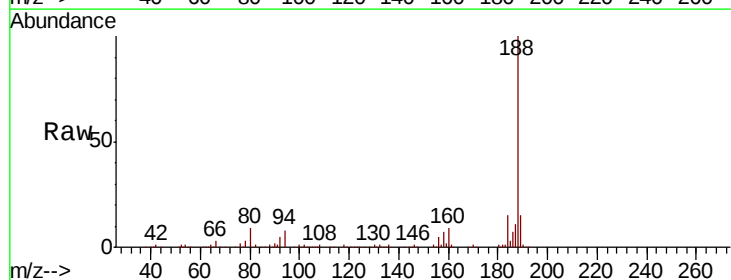
Instrument :
 BNA_G
 ClientSampleId :

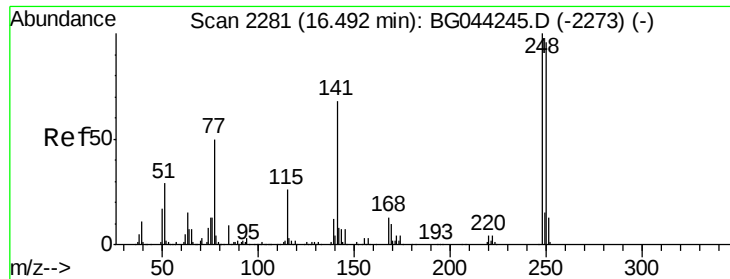
Tot Ion:165	Resp: 18842
Ion Ratio	Lower Upper
165 100	
63 0.0	28.6 42.8#
89 0.0	50.7 76.1#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG044546.D
 Acq: 21 Feb 2020 12:58

Tgt	Ion:188	Resp:	376880
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.0
80	9.1	7.8	11.6

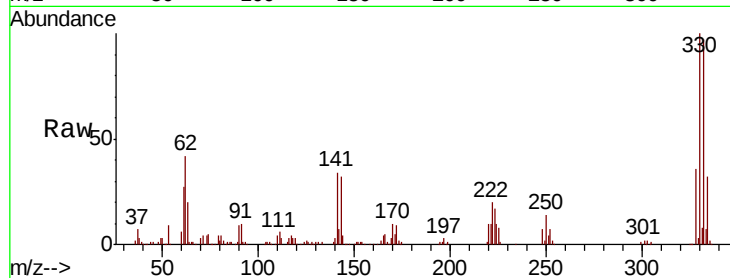




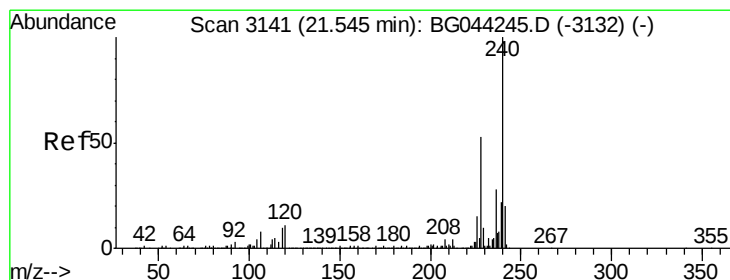
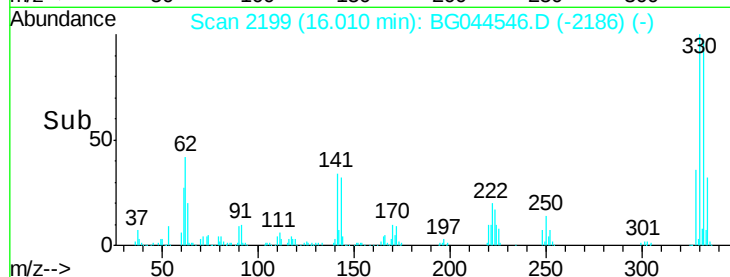
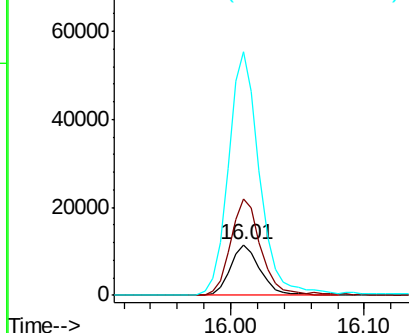
#67
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18030
Ion Ratio Lower Upper
248 100
250 191.6 76.8 115.2#
141 483.5 50.0 75.0#

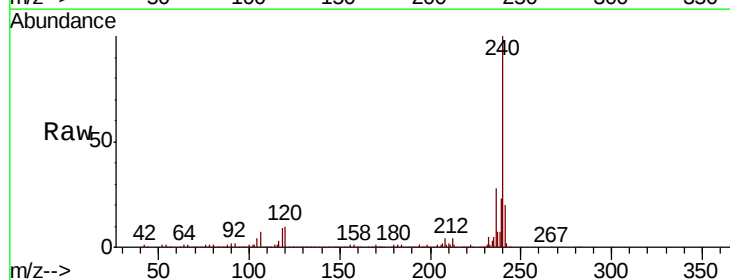


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

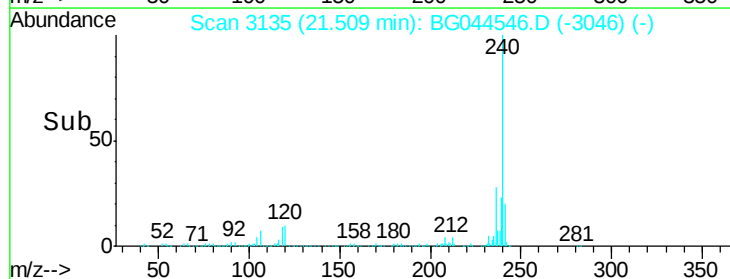
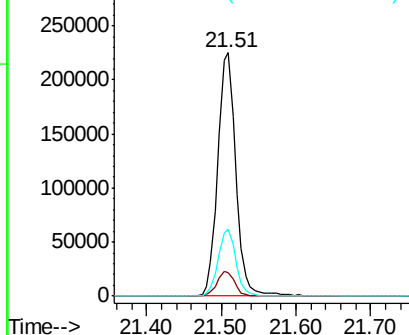


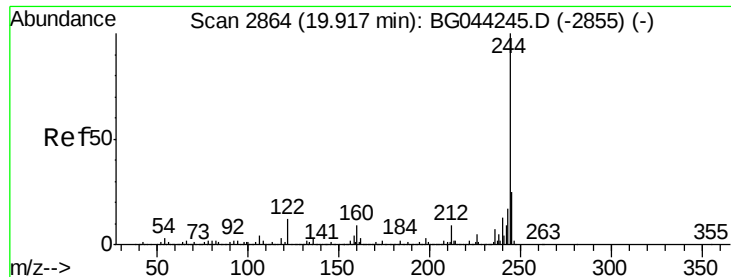
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion:240 Resp: 379878
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 27.7 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: 95.726 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

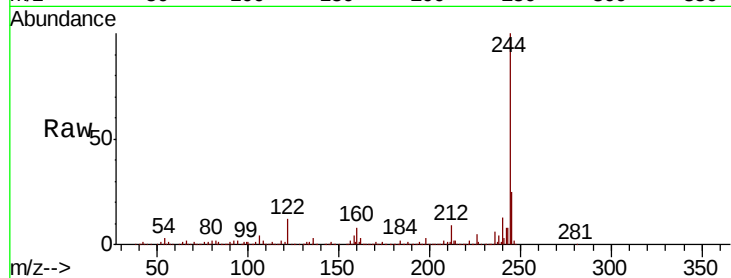
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1767940

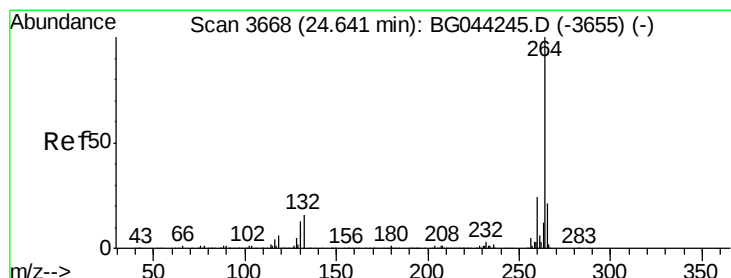
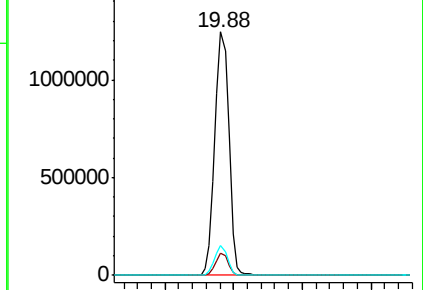
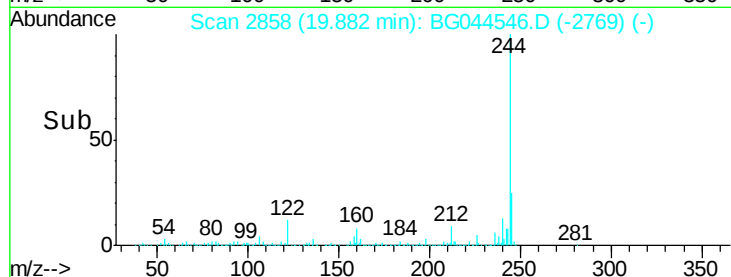
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	12.1	9.8	14.8



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

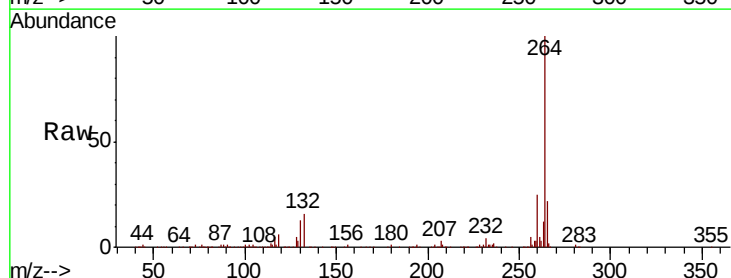
Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Tgt Ion:264 Resp: 415146

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.6	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

