

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044556.D
 Acq On : 21 Feb 2020 19:34
 Operator : CG/JU
 Sample : L1586-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:52:17 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

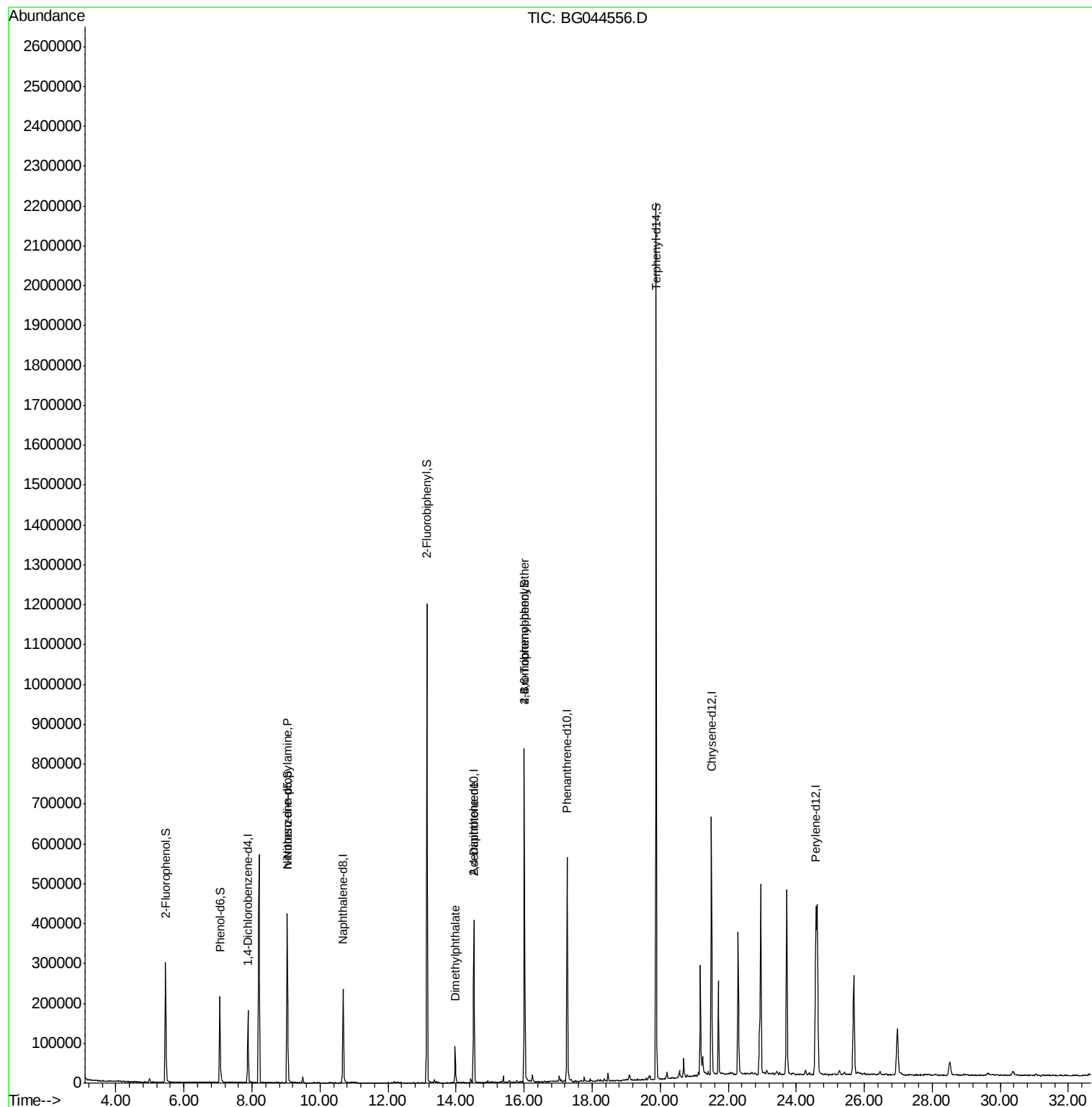
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	56372	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	226059	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	151441	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	364625	20.00	ng	0.00
76) Chrysene-d12	21.51	240	367555	20.00	ng	0.00
87) Perylene-d12	24.58	264	414995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	156737	49.07	ng	0.00
7) Phenol-d6	7.05	99	150338	35.05	ng	0.00
23) Nitrobenzene-d5	9.03	82	282907	70.65	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	176110	99.06	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	673733	74.50	ng	0.00
79) Terphenyl-d14	19.88	244	1115855	62.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	36998	12.943	ng	Qvalue # 80
50) Dimethylphthalate	13.97	163	74242	6.820	ng	99
57) 2,4-Dinitrotoluene	14.52	165	20249	5.952	ng	# 29
67) 4-Bromophenyl-phenylether	16.01	248	12120	3.051	ng	# 1

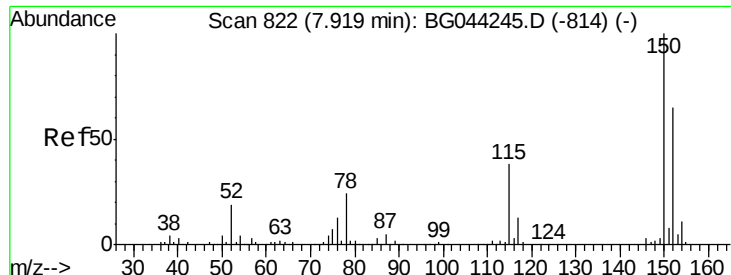
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



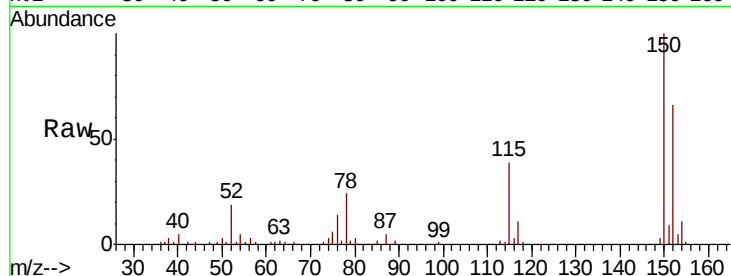


#1

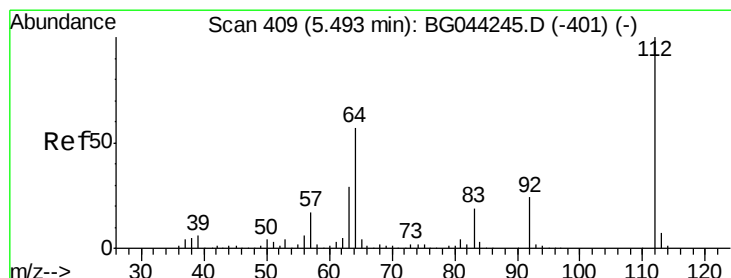
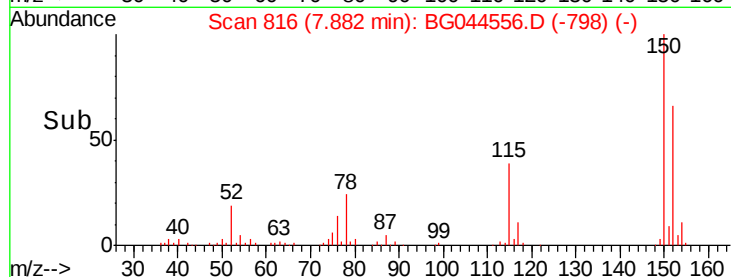
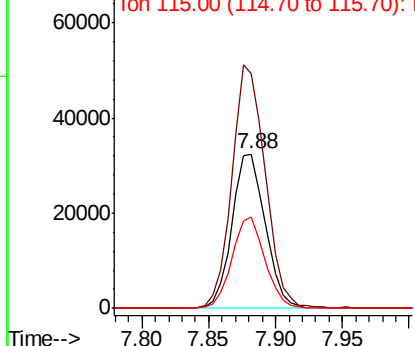
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56372
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.1 184.7
 115 59.2 45.1 67.7



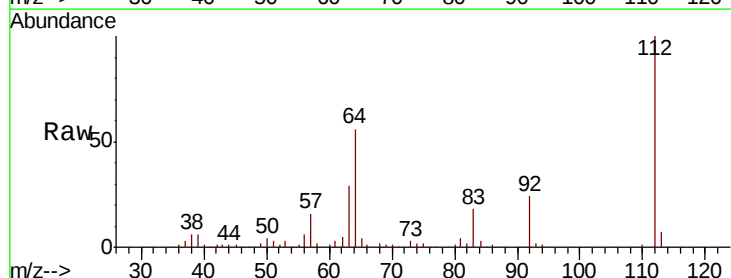
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



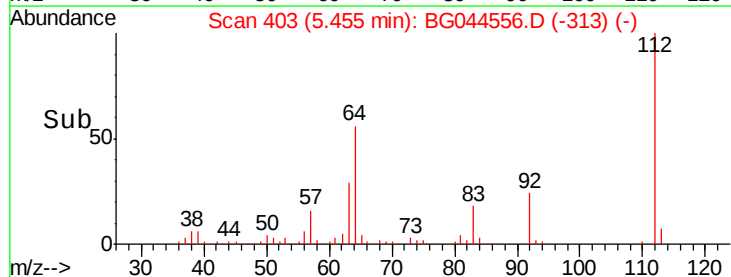
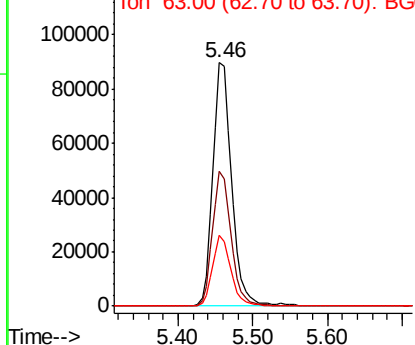
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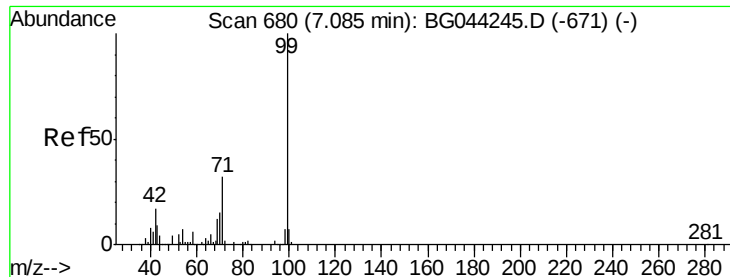
2-Fluorophenol
 Concen: 49.070 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Tgt Ion:112 Resp: 156737
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.5 66.7
 63 29.1 22.2 33.2



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: 35.050 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Instrument :

BNA_G

ClientSampled :

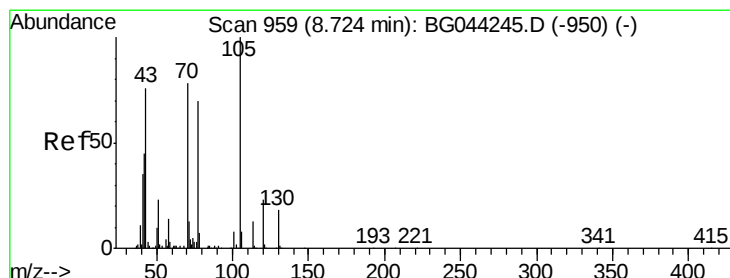
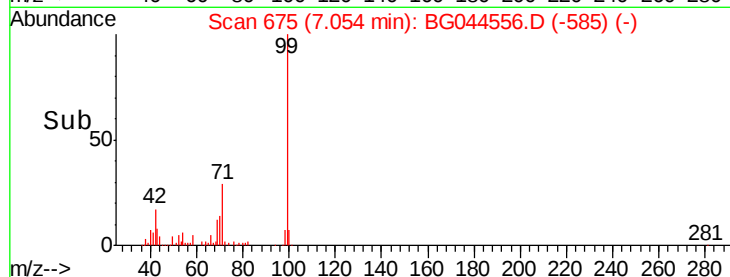
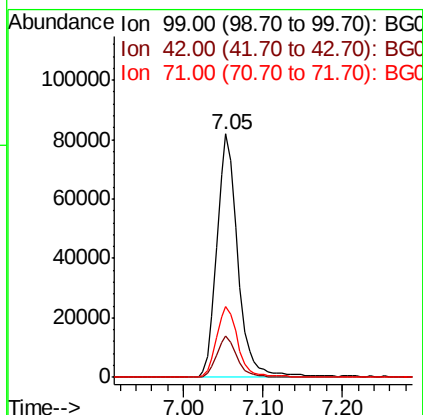
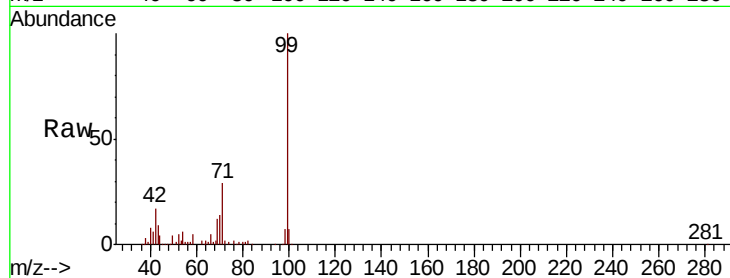
Tot Ion: 99 Resp: 150338

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.0

71 29.1 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.943 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Tgt Ion: 70 Resp: 36998

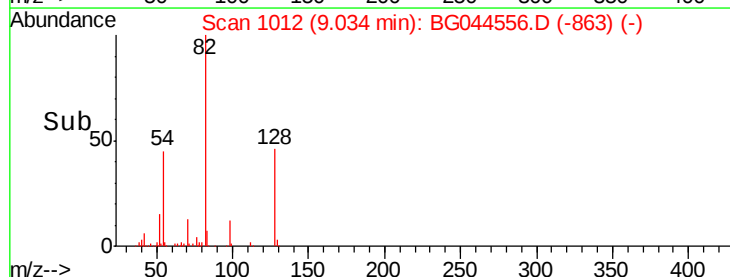
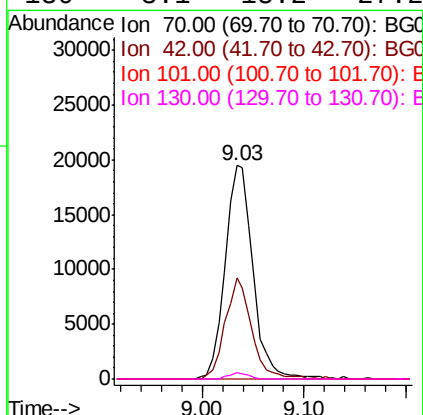
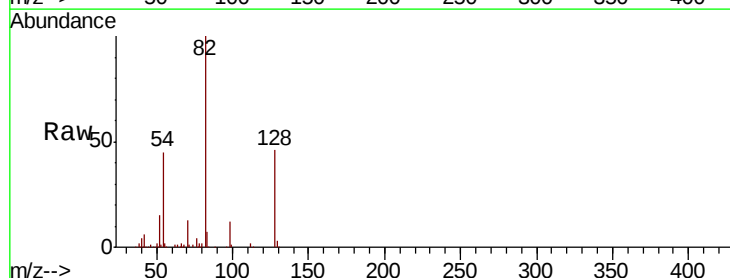
Ion Ratio Lower Upper

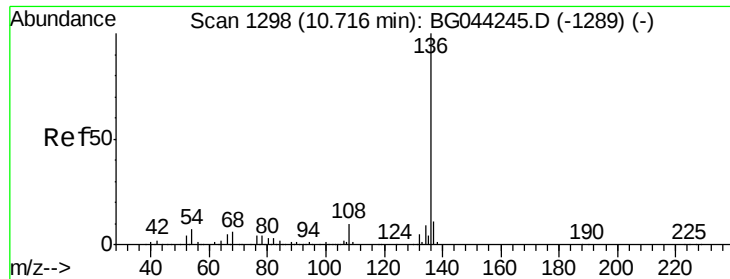
70 100

42 47.4 44.0 66.0

101 0.0 7.6 11.4#

130 3.1 18.2 27.2#

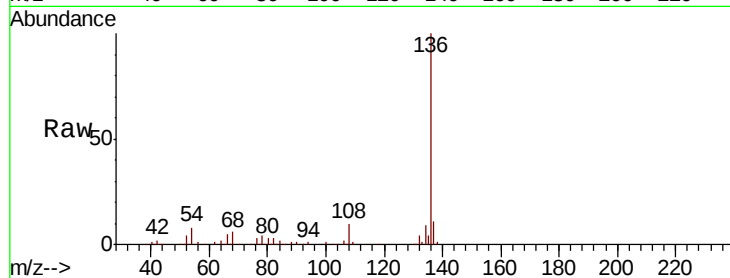




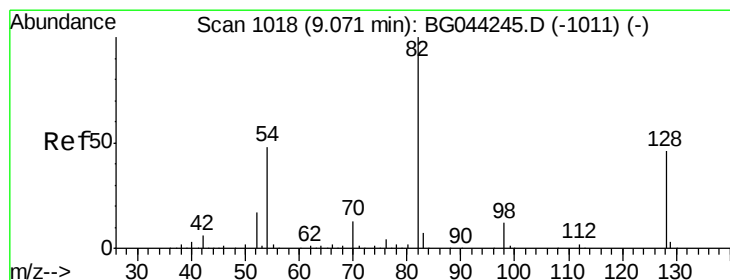
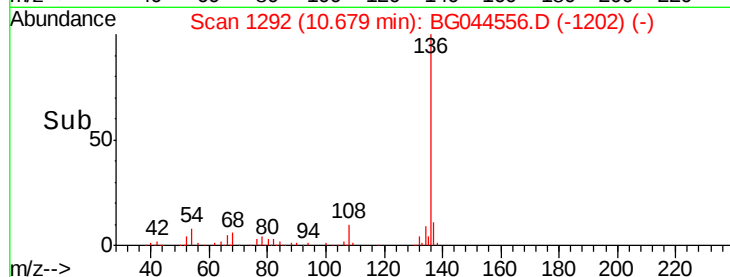
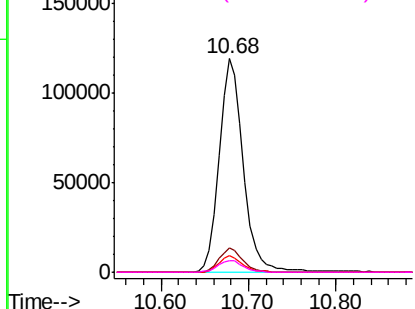
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226059
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.0 13.6
54	7.8	5.5 8.3
68	5.7	4.6 6.8

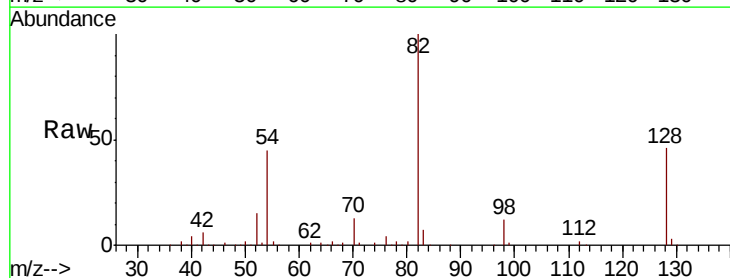


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

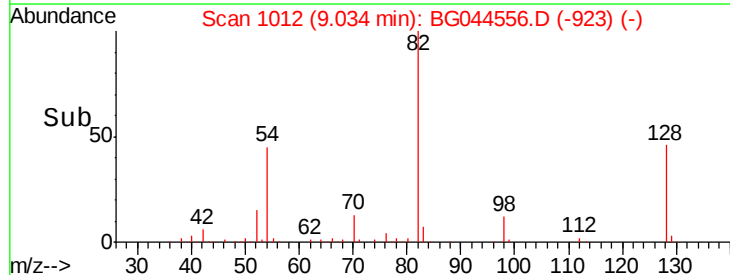
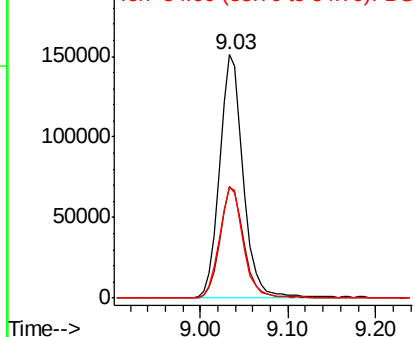


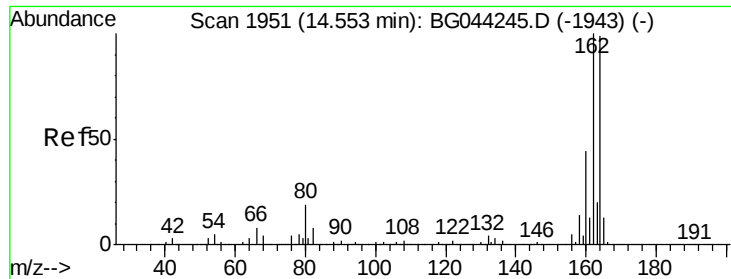
#23
Nitrobenzene-d5
Concen: 70.654 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

Tgt Ion: 82	Resp:	282907
Ion	Ratio	Lower Upper
82	100	
128	45.8	39.1 58.7
54	45.4	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

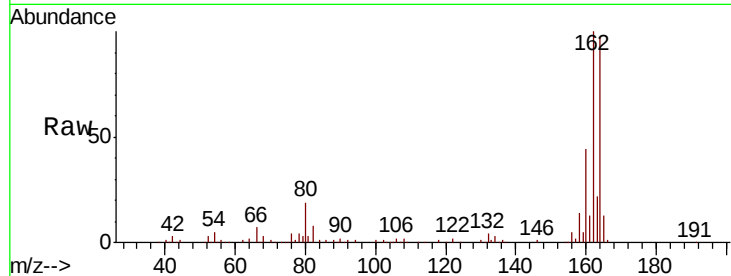




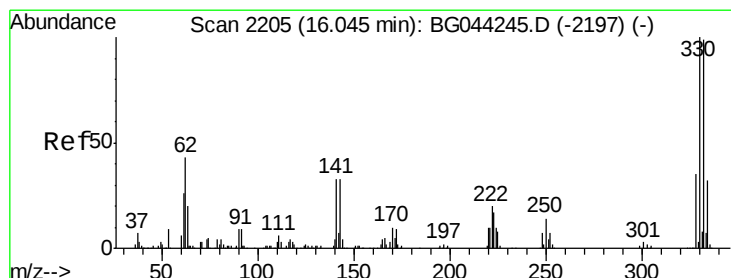
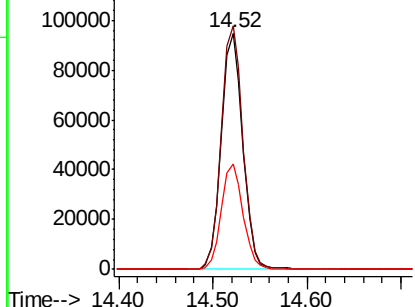
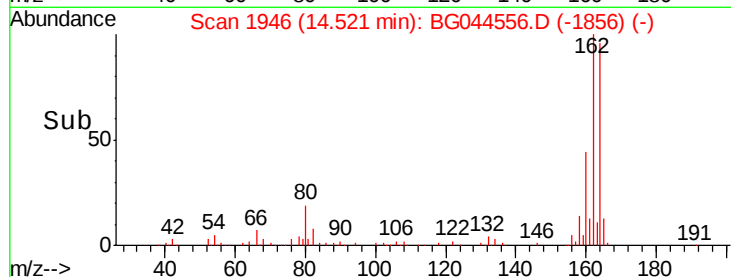
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 151441
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 44.8 35.5 53.3

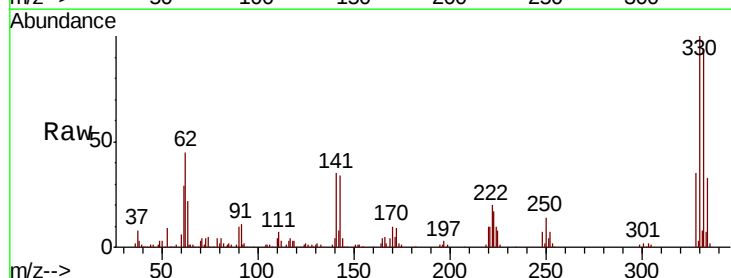


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

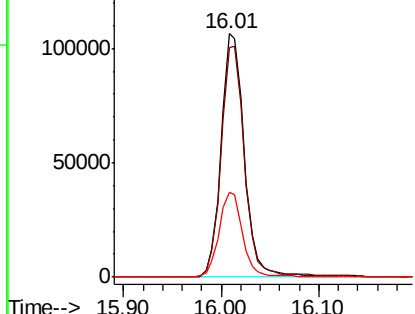
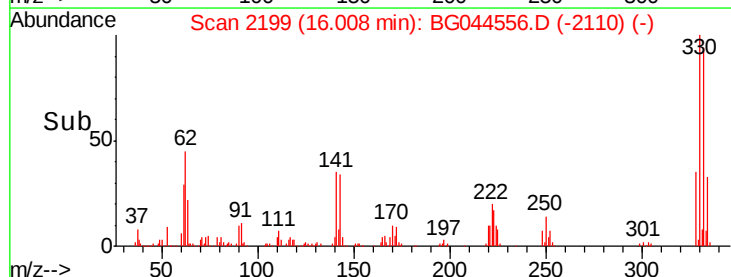


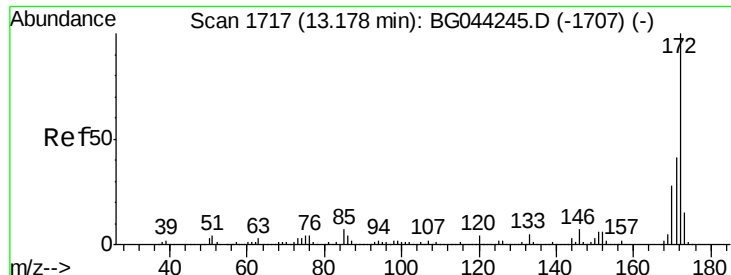
#42
2,4,6-Tribromophenol
Concen: 99.059 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

Tgt Ion:330 Resp: 176110
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 35.6 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

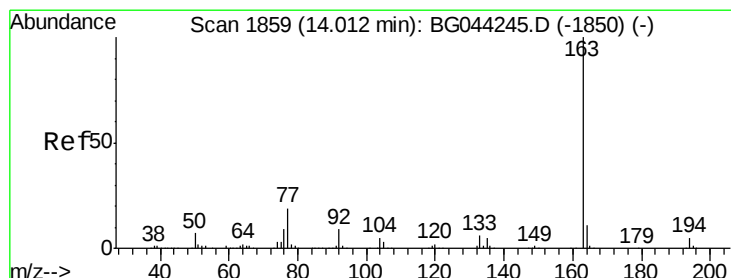
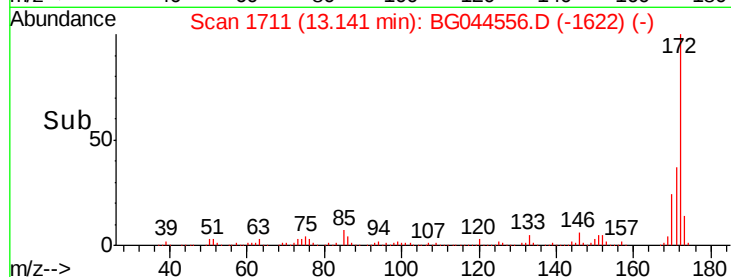
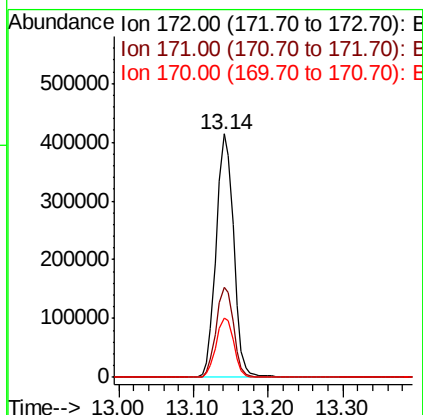
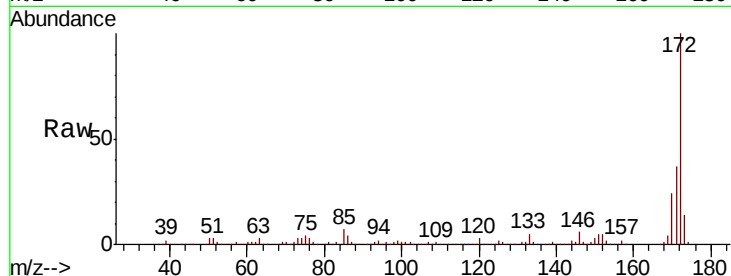




#45
2-Fluorobiphenyl
Concen: 74.498 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

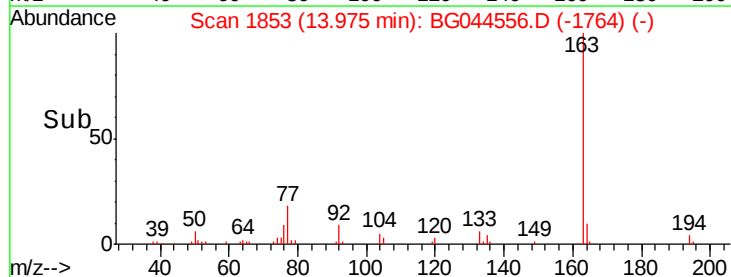
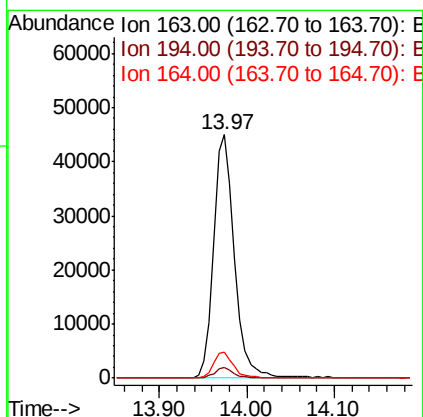
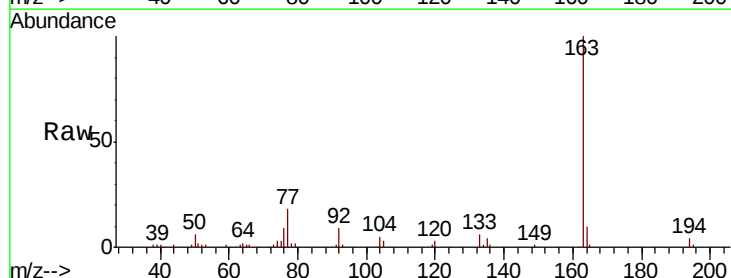
Instrument :
BNA_G
ClientSampled :

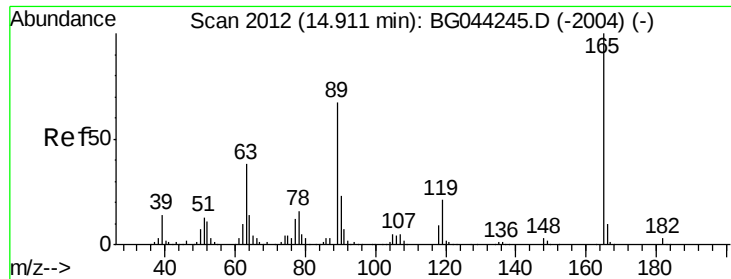
Tot Ion:172 Resp: 673733
Ion Ratio Lower Upper
172 100
171 37.2 32.3 48.5
170 24.4 21.6 32.4



#50
Dimethylphthalate
Concen: 6.820 ng
RT: 13.97 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG044556.D
Acq: 21 Feb 2020 19:34

Tgt Ion:163 Resp: 74242
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.4 8.9 13.3

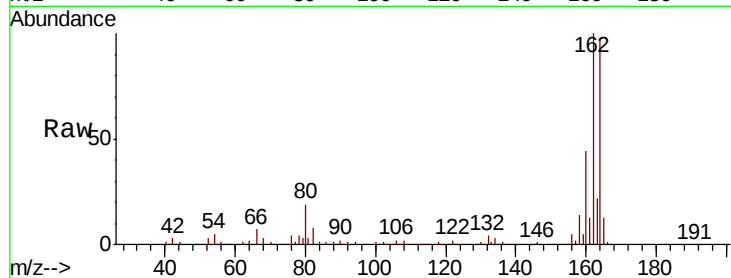




#57
 2,4-Dinitrotoluene
 Concen: 5.952 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.6	42.8#
89	1.4	50.7	76.1#
182	0.0	2.1	3.1#



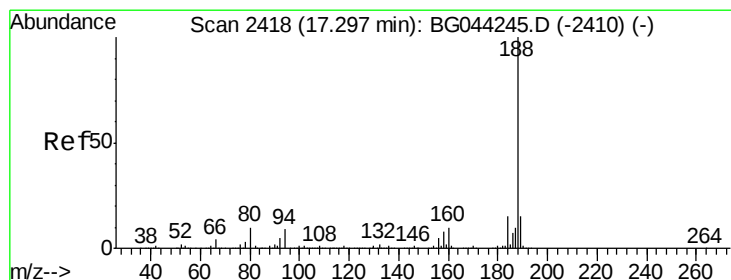
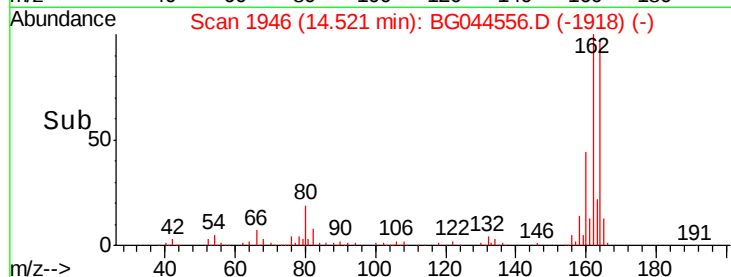
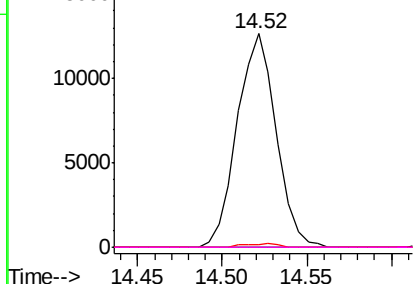
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

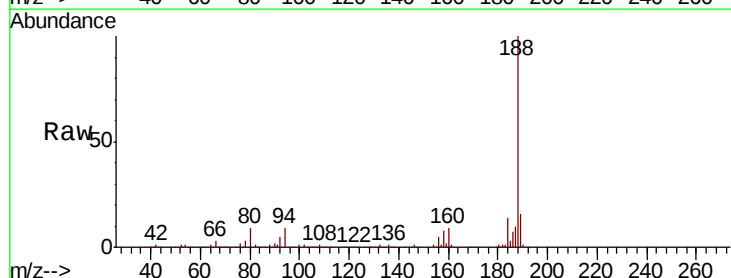
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	8.8	7.8	11.6

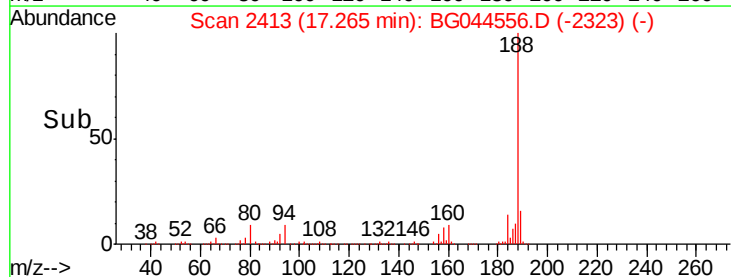
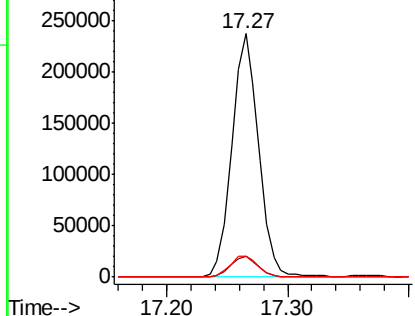


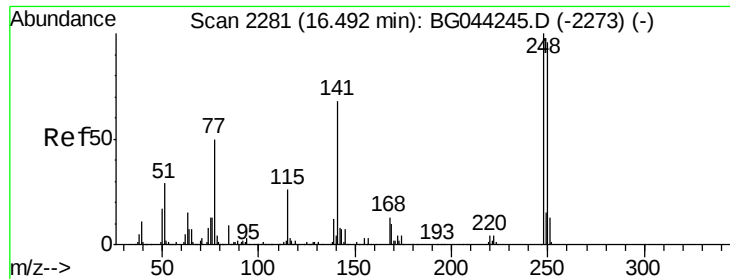
Abundance

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

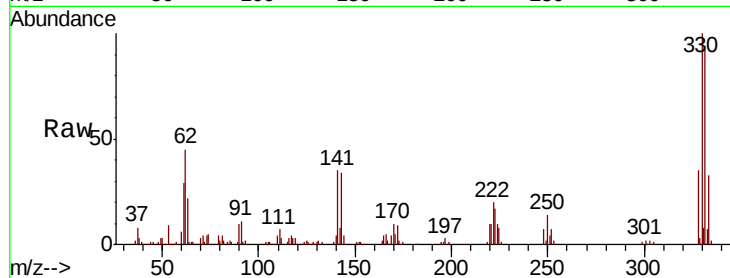




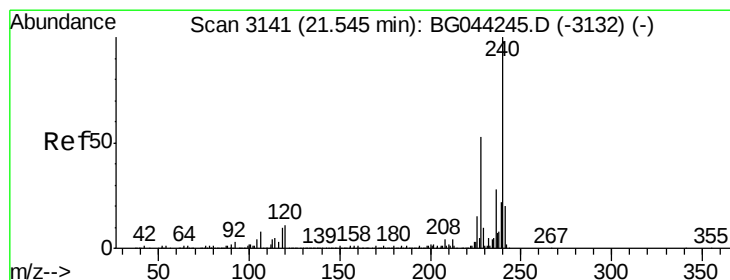
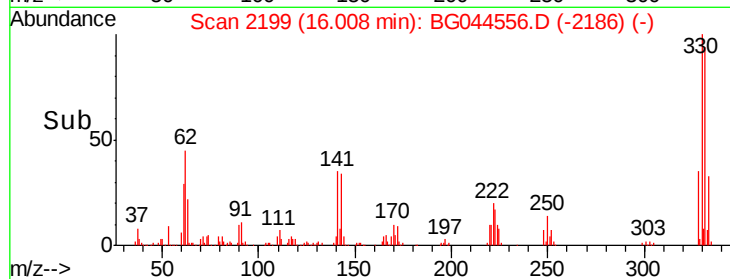
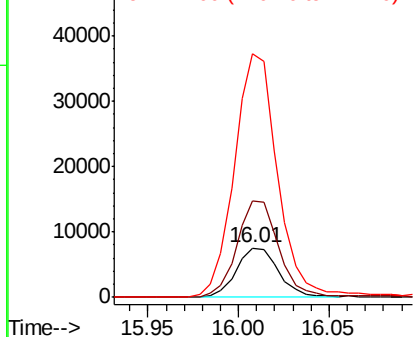
#67
 4-Bromophenyl-phenylether
 Concen: 3.051 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12120
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.8 115.2#
 141 492.2 50.0 75.0#

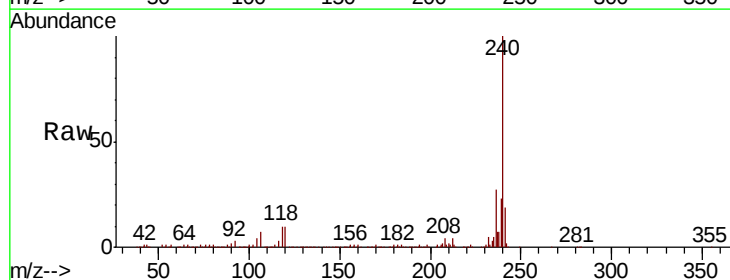


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

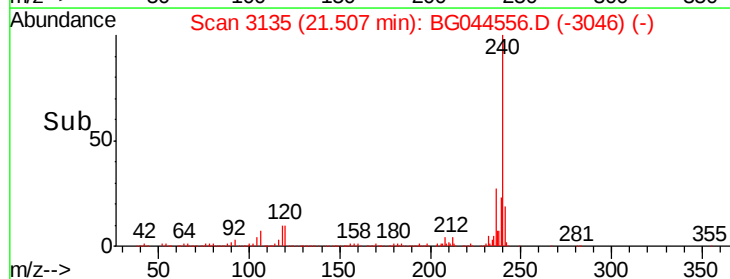
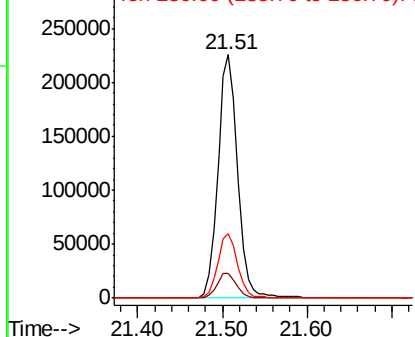


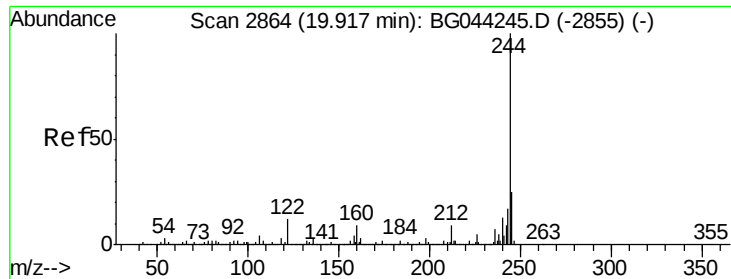
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044556.D
 Acq: 21 Feb 2020 19:34

Tgt Ion:240 Resp: 367555
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.2 12.2
 236 26.6 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: 62.444 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

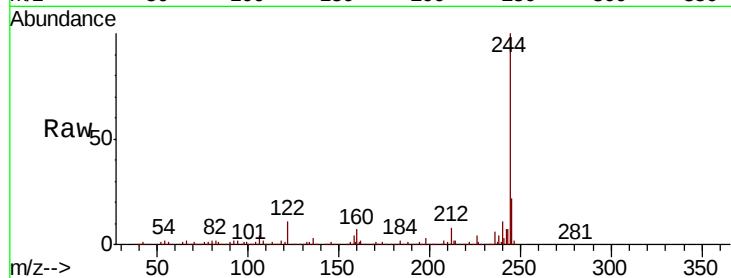
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1115855

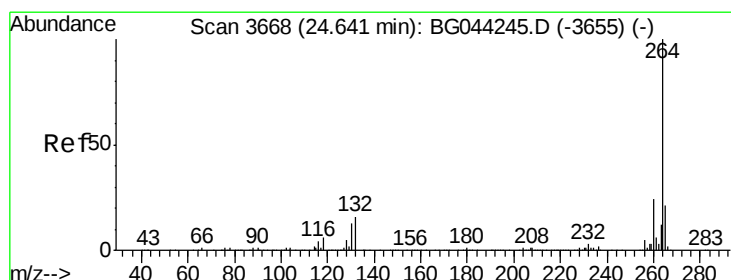
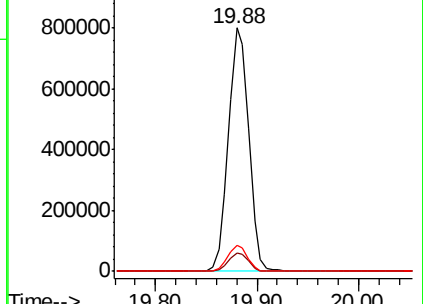
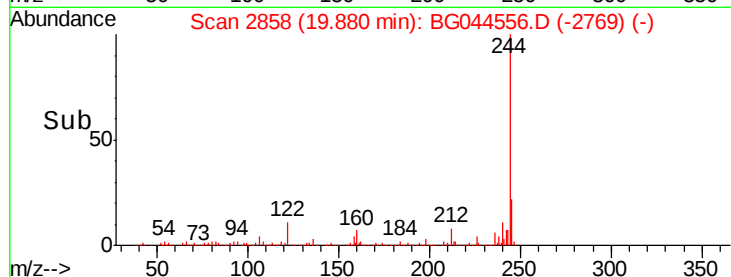
Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.6	11.4
122	10.7	9.8	14.8



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# 3658

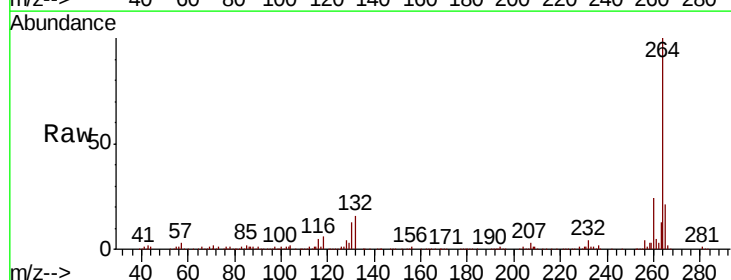
Delta R.T. -0.00 min

Lab File: BG044556.D

Acq: 21 Feb 2020 19:34

Tgt Ion:264 Resp: 414995

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.3	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

