

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044610.D
 Acq On : 26 Feb 2020 19:24
 Operator : CG/JU
 Sample : L1673-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:44:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

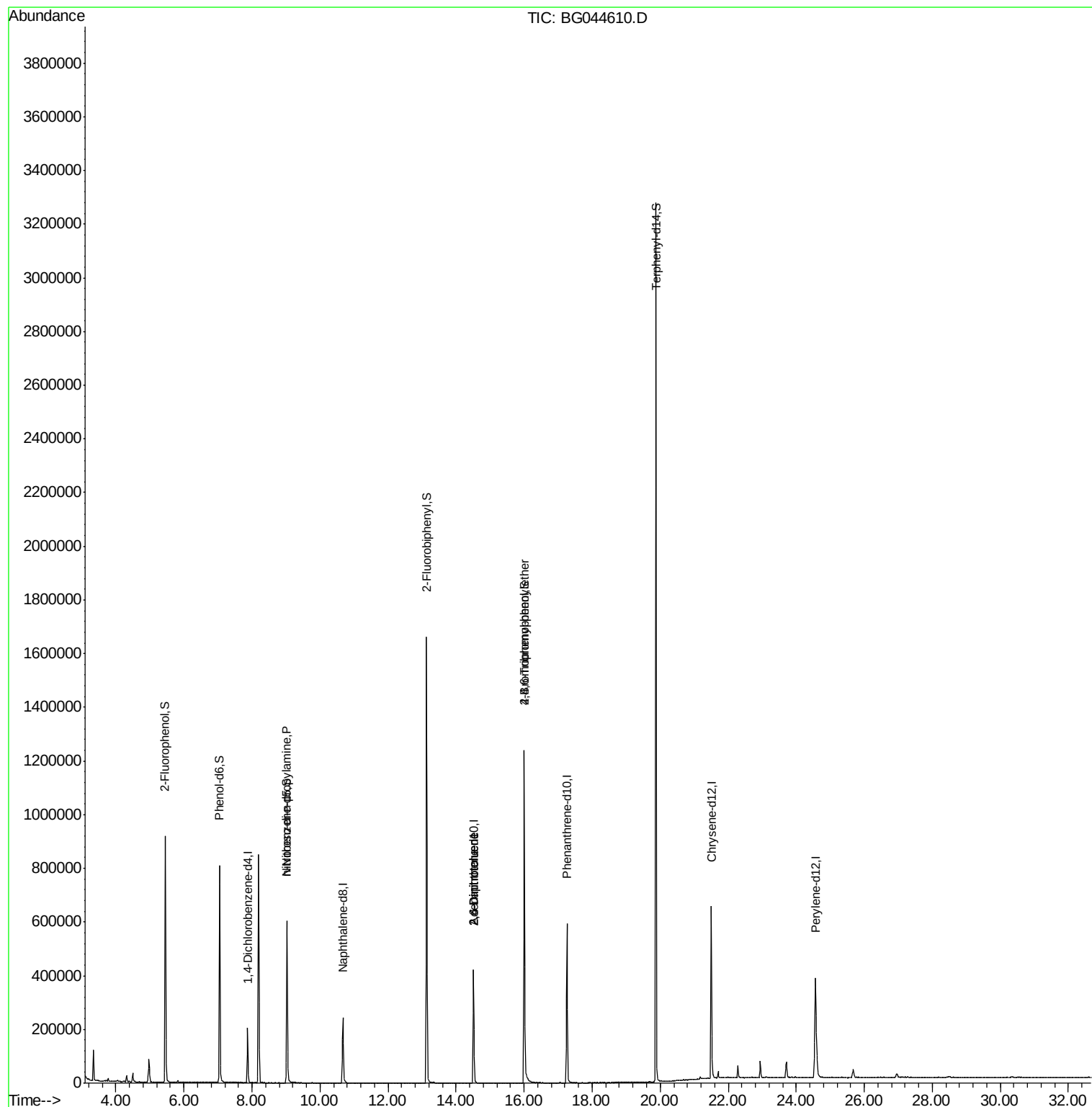
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61531	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	245785	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161674	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	392171	20.00	ng	0.00
76) Chrysene-d12	21.50	240	403996	20.00	ng	0.00
87) Perylene-d12	24.56	264	413385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	467513	121.91	ng	0.00
7) Phenol-d6	7.05	99	534410	101.80	ng	0.00
23) Nitrobenzene-d5	9.03	82	404809	84.85	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	292358	127.53	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	932814	82.62	ng	0.00
79) Terphenyl-d14	19.87	244	1675387	78.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	52115	15.445	ng	# 79
51) 2,6-Dinitrotoluene	14.52	165	20295	7.052	ng	# 31
57) 2,4-Dinitrotoluene	14.52	165	20295	5.016	ng	# 30
67) 4-Bromophenyl-phenylether	16.00	248	18843	3.871	ng	# 1

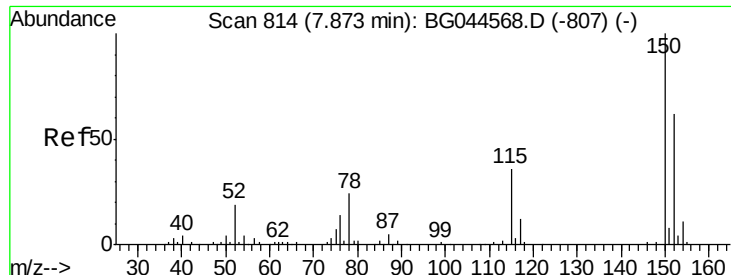
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG044610.D
Acq On : 26 Feb 2020 19:24
Operator : CG/JU
Sample : L1673-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 27 06:44:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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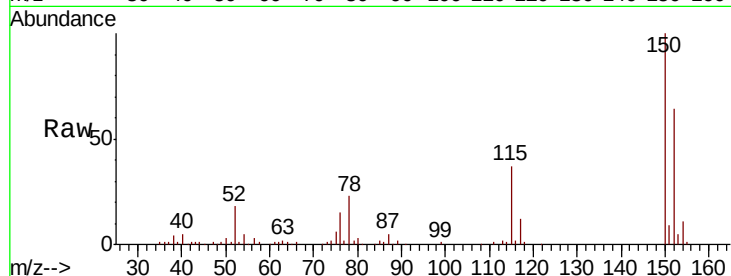


#1

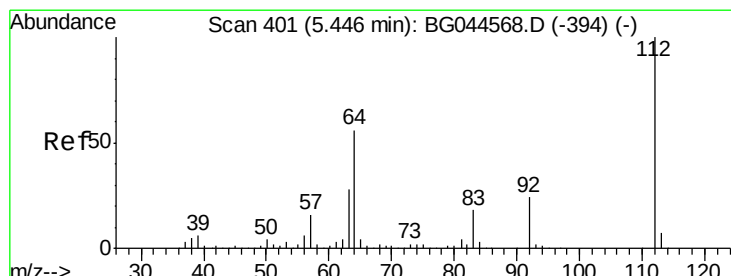
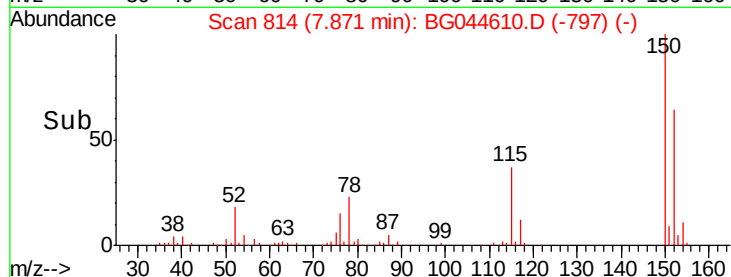
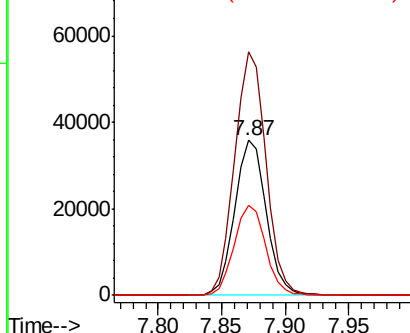
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61531
Ion Ratio Lower Upper
152 100
150 157.2 128.9 193.3
115 57.9 47.0 70.4



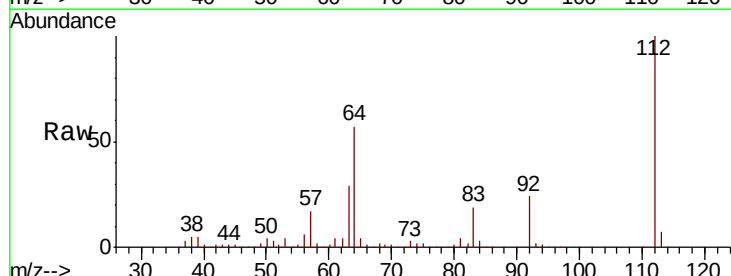
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



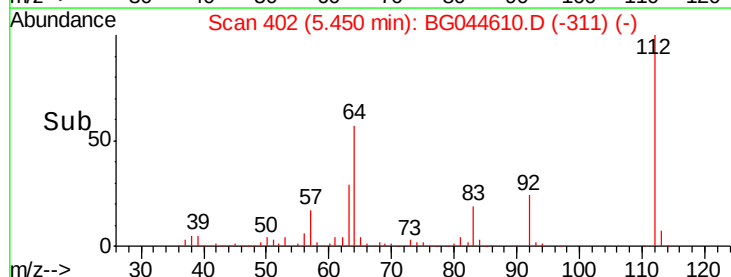
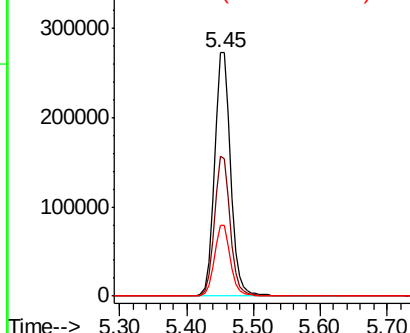
#5

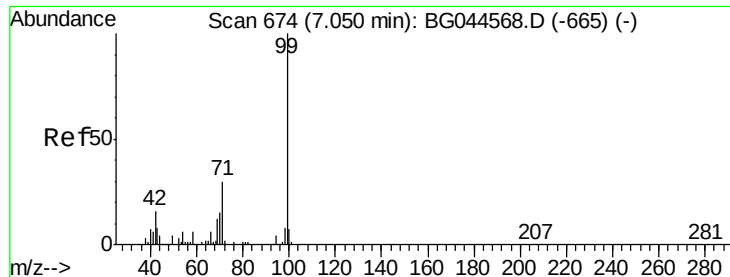
2-Fluorophenol
Concen: 121.908 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Tgt Ion:112 Resp: 467513
Ion Ratio Lower Upper
112 100
64 57.3 44.8 67.2
63 28.9 22.3 33.5



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





#7

Phenol-d6

Concen: 101.805 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Instrument :

BNA_G

ClientSampleId :

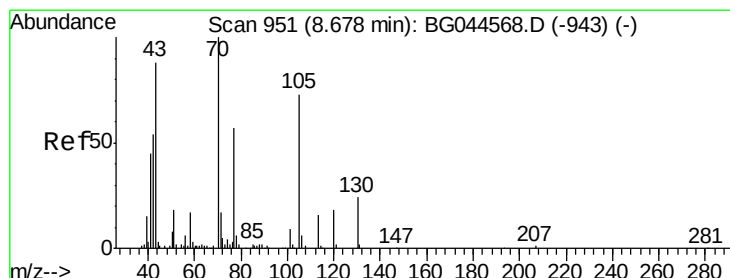
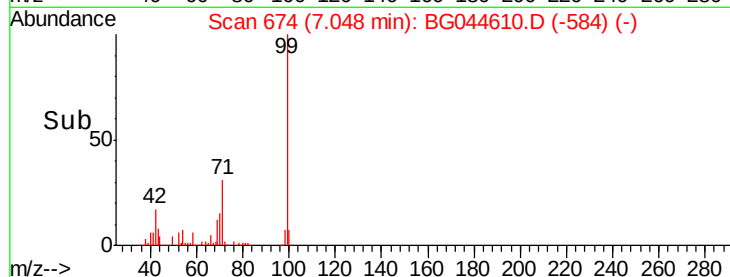
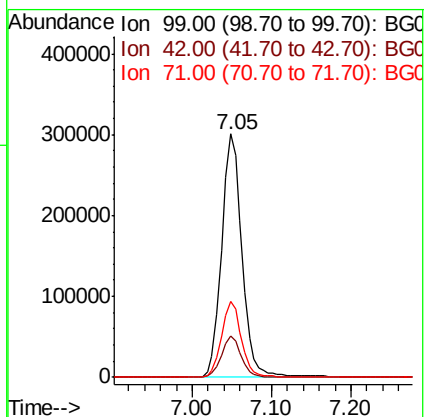
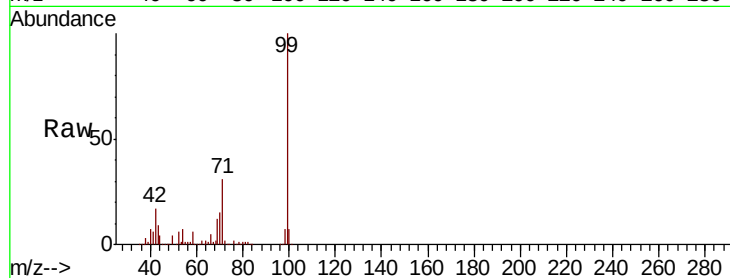
Tot Ion: 99 Resp: 534410

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

71 31.4 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.445 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Tgt Ion: 70 Resp: 52115

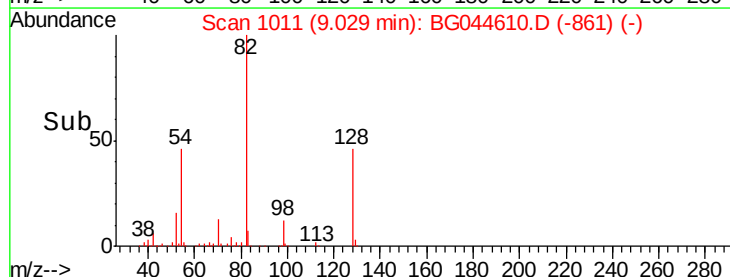
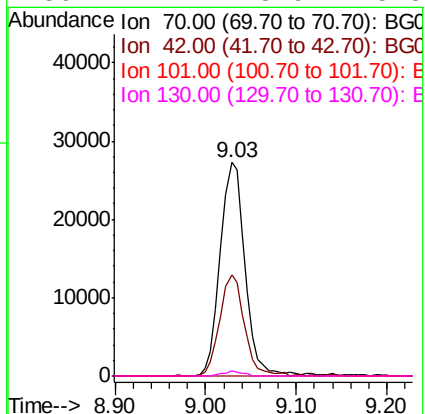
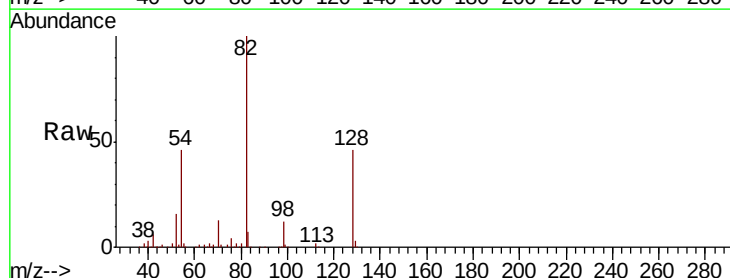
Ion Ratio Lower Upper

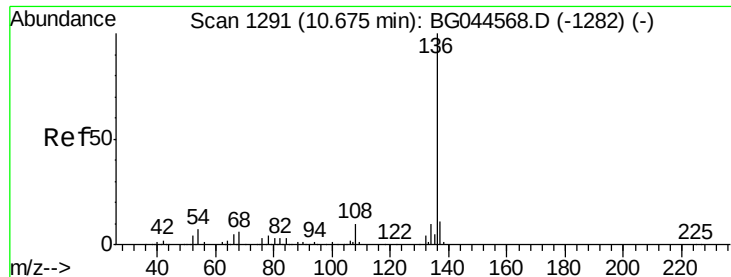
70 100

42 47.3 43.4 65.0

101 0.0 7.5 11.3#

130 2.2 18.9 28.3#

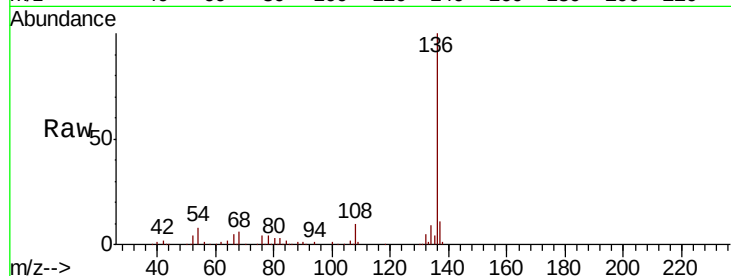




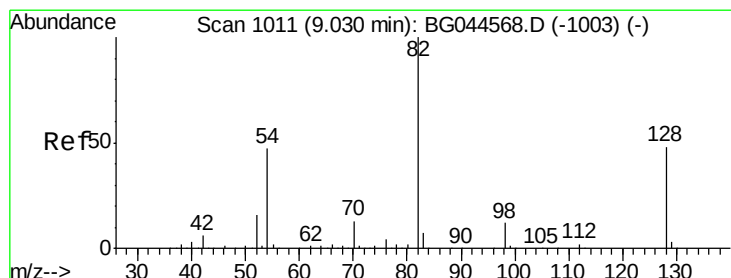
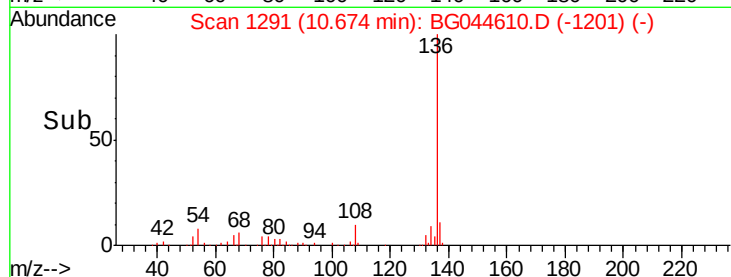
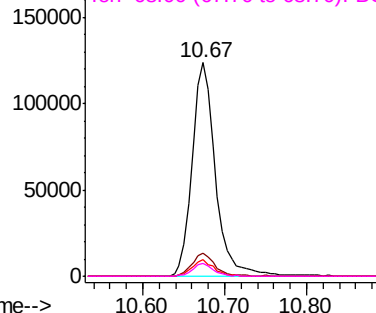
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	245785
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.7	8.5
68	5.8	4.5	6.7

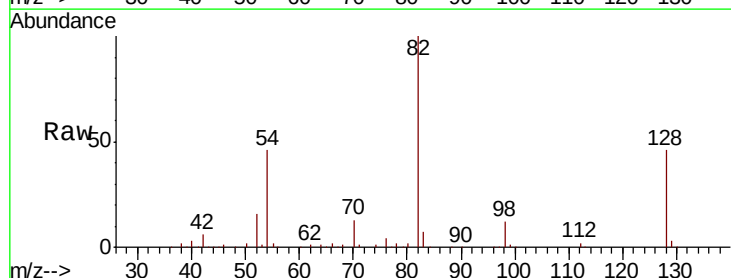


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

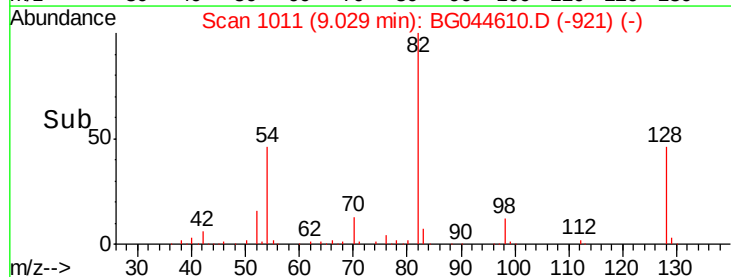
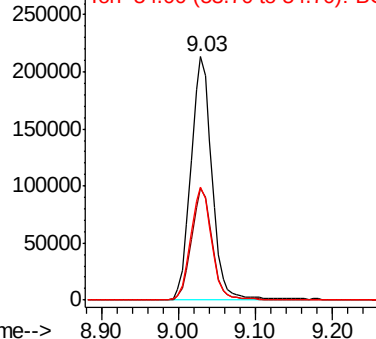


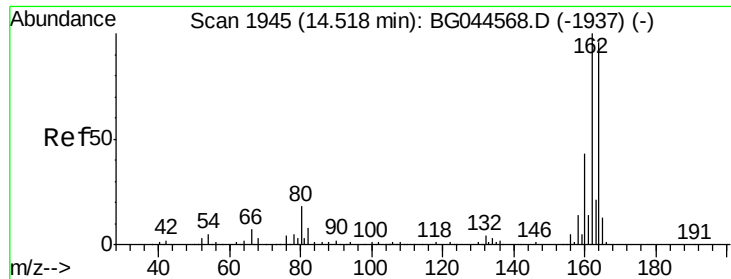
#23
Nitrobenzene-d5
Concen: 84.851 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Tgt Ion:	82	Resp:	404809
Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.1	57.1
54	46.4	37.5	56.3



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

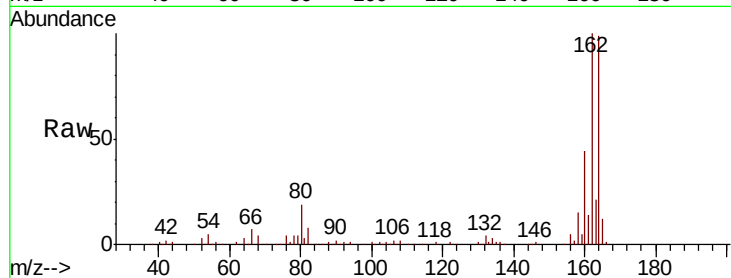




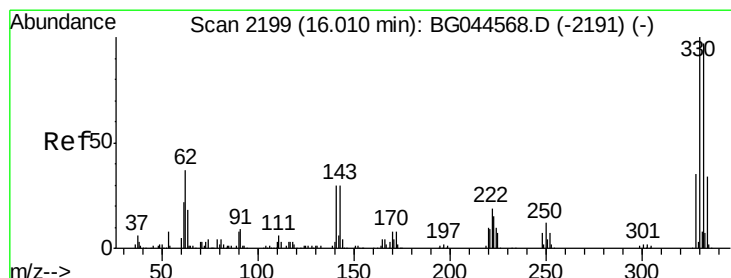
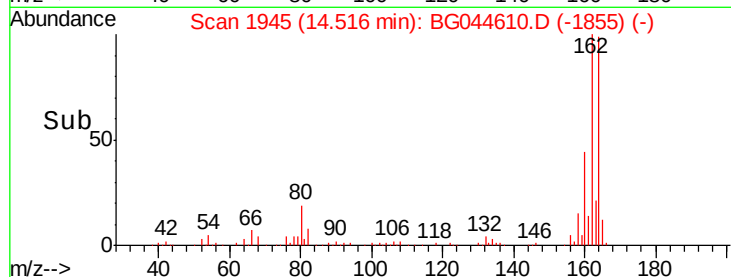
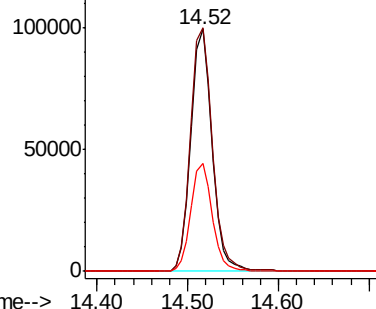
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 161674
Ion Ratio Lower Upper
164 100
162 100.6 83.6 125.4
160 44.8 36.2 54.4

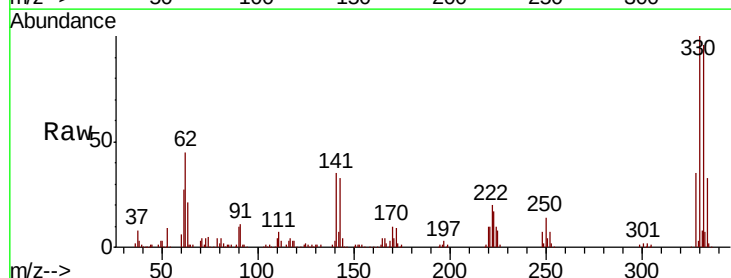


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

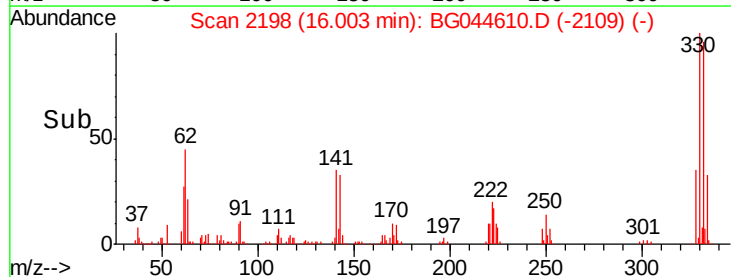
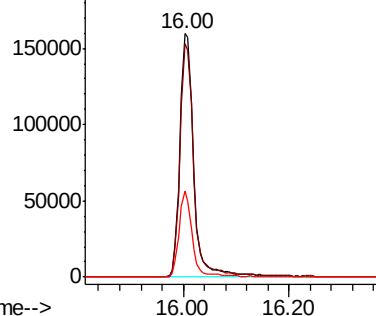


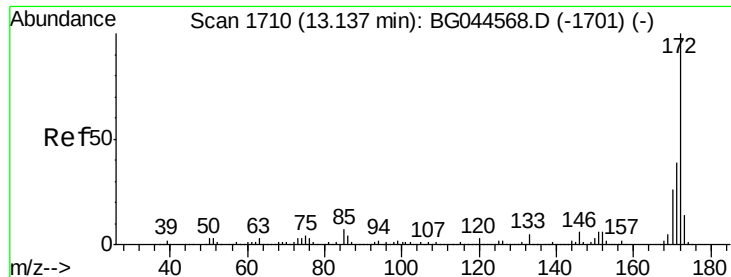
#42
2,4,6-Tribromophenol
Concen: 127.533 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Tgt Ion:330 Resp: 292358
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 33.2 26.1 39.1



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

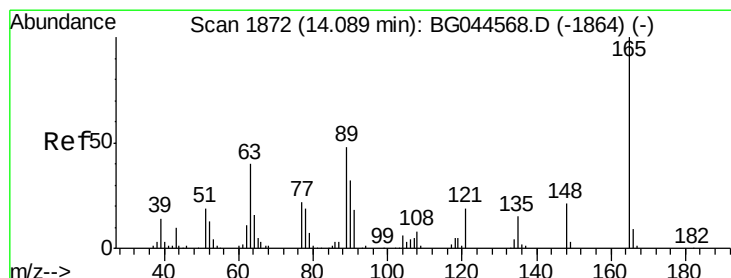
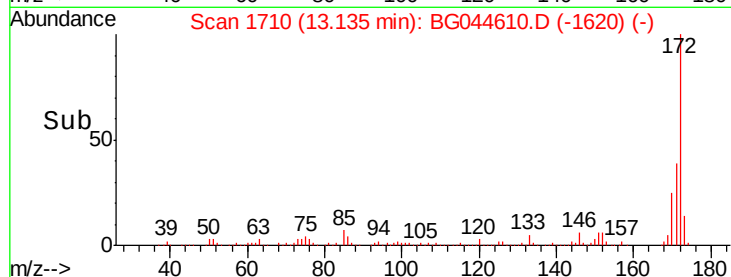
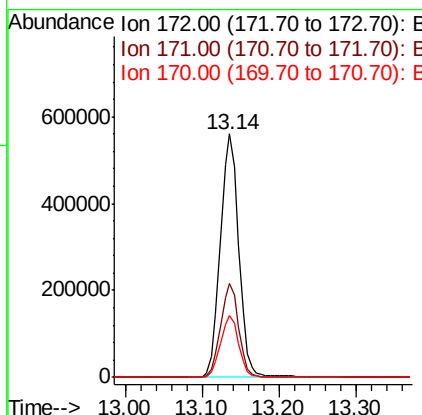
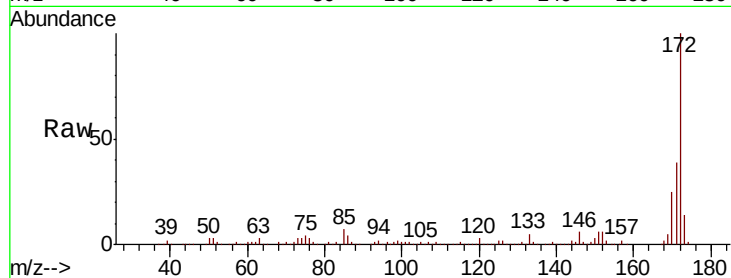




#45
2-Fluorobiphenyl
Concen: 82.622 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

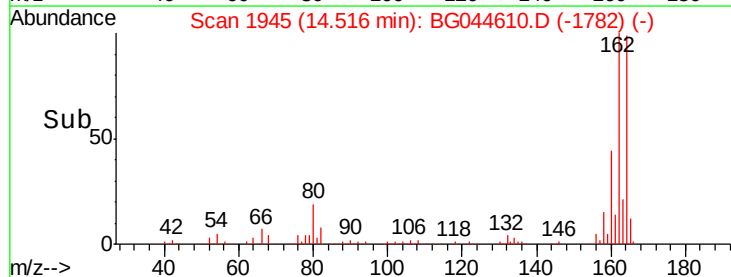
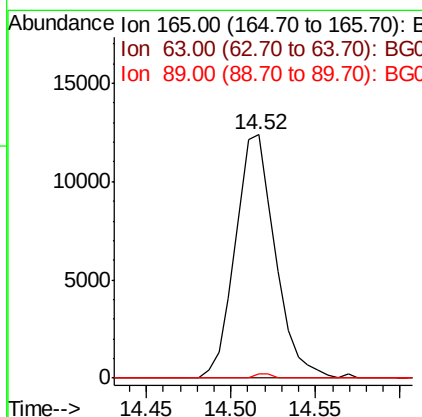
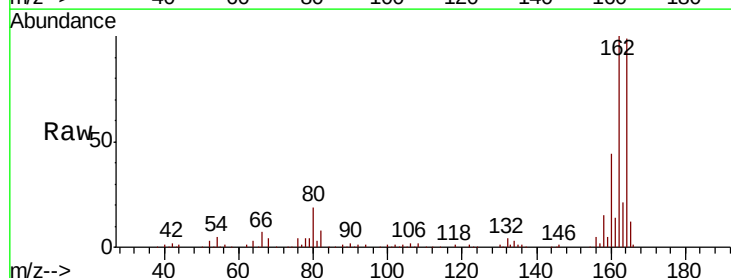
Instrument :
BNA_G
ClientSampled :

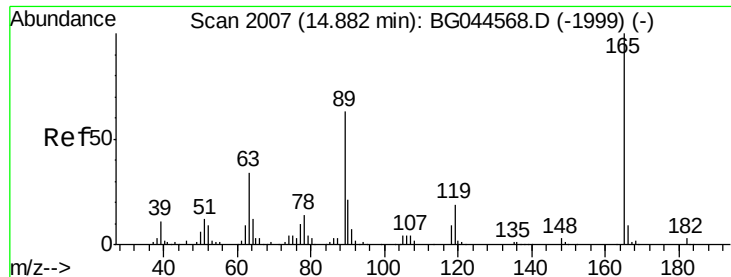
Tot Ion:172 Resp: 932814
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 25.3 21.0 31.4



#51
2,6-Dinitrotoluene
Concen: 7.052 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.43 min
Lab File: BG044610.D
Acq: 26 Feb 2020 19:24

Tgt Ion:165 Resp: 20295
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.6#
89 1.7 38.7 58.1#

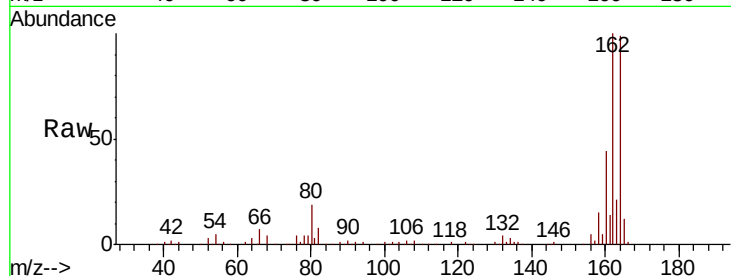




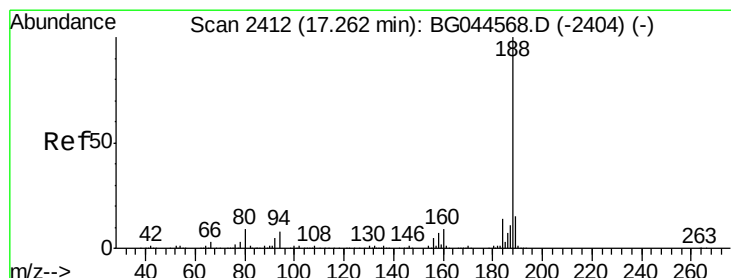
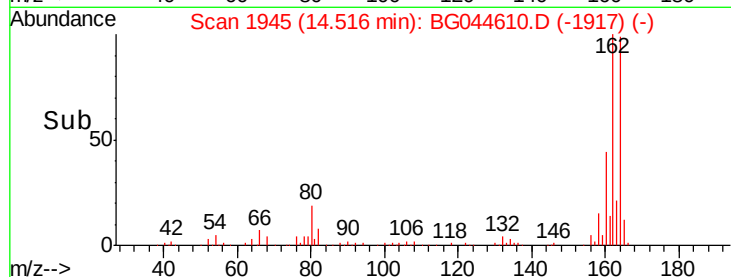
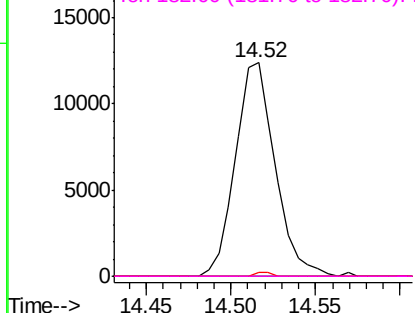
#57
 2,4-Dinitrotoluene
 Concen: 5.016 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20295
Ion Ratio	Lower	Upper
165	100	
63	0.0	27.5 41.3#
89	1.7	50.0 75.0#
182	0.0	2.3 3.5#

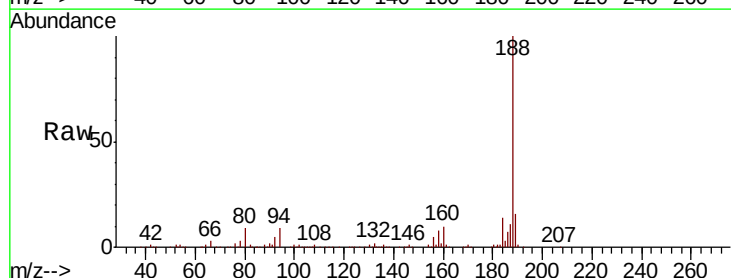


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

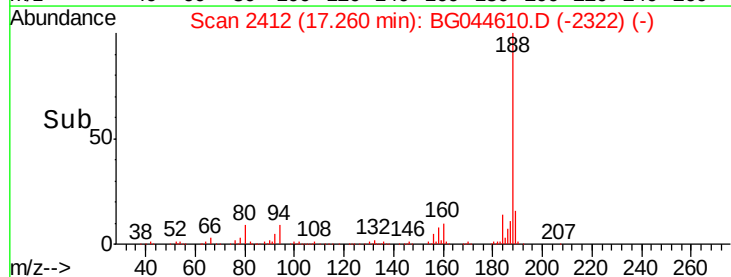
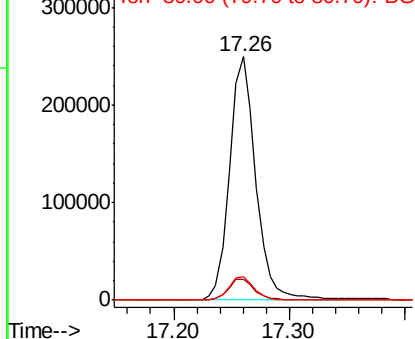


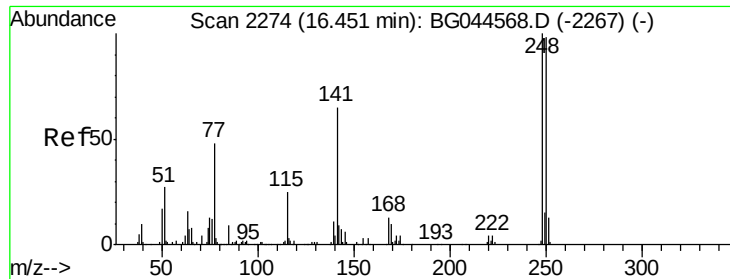
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Tgt Ion:188	Resp:	392171
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.7 10.1
80	9.5	7.6 11.4



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

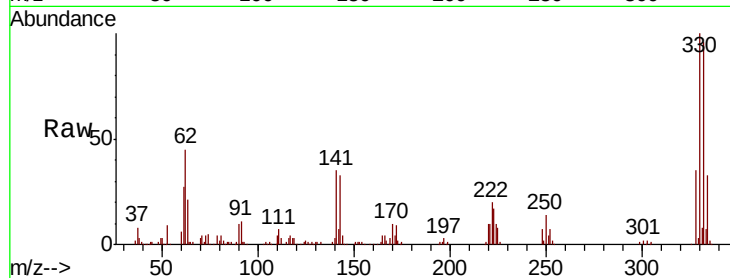




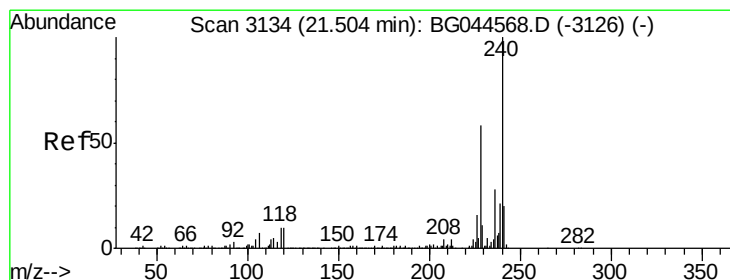
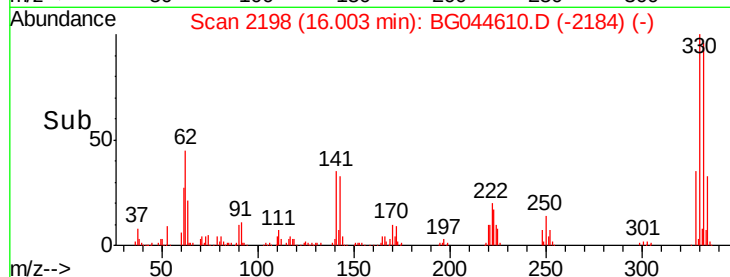
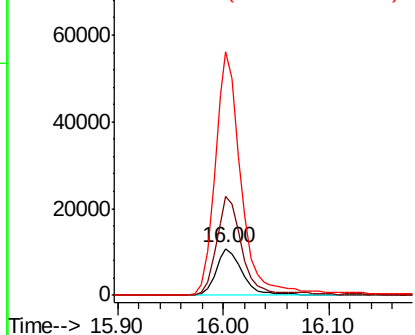
#67
 4-Bromophenyl-phenylether
 Concen: 3.871 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18843
 Ion Ratio Lower Upper
 248 100
 250 211.5 78.7 118.1#
 141 523.6 52.3 78.5#

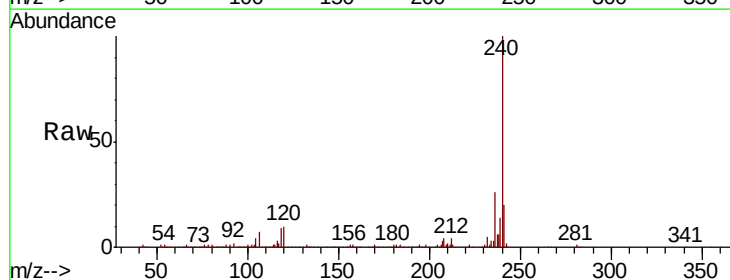


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

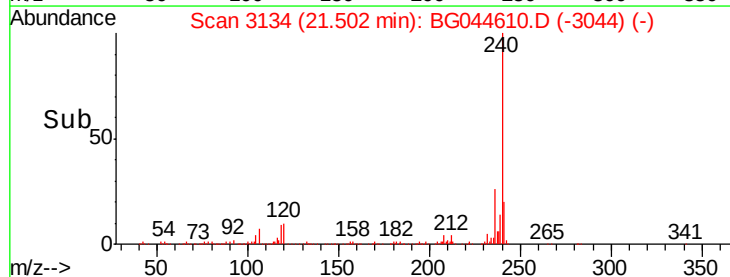
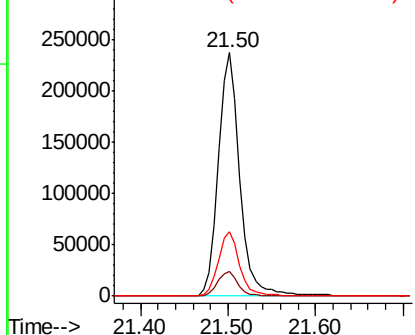


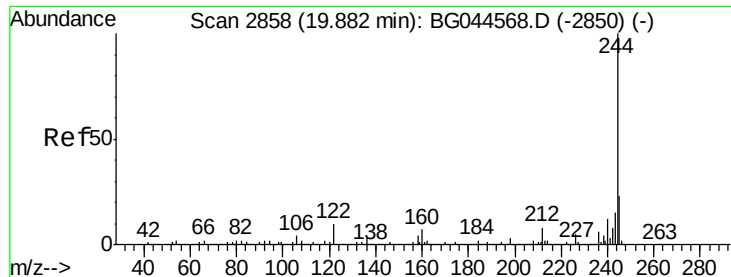
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG044610.D
 Acq: 26 Feb 2020 19:24

Tgt Ion:240 Resp: 403996
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 26.3 22.3 33.5



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: 78.506 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

Instrument :

BNA_G

ClientSampled :

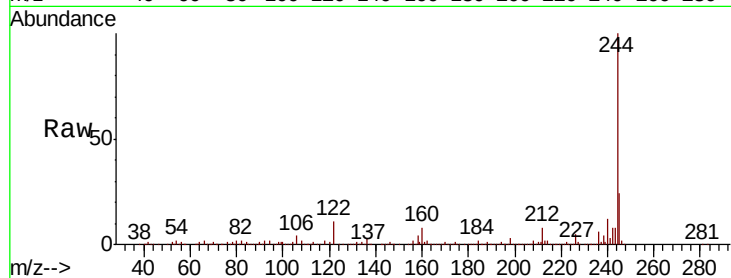
Tot Ion:244 Resp: 1675387

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

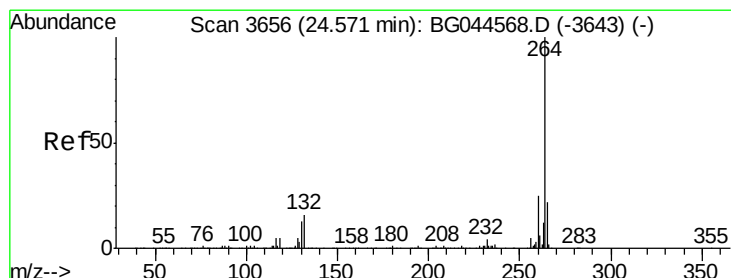
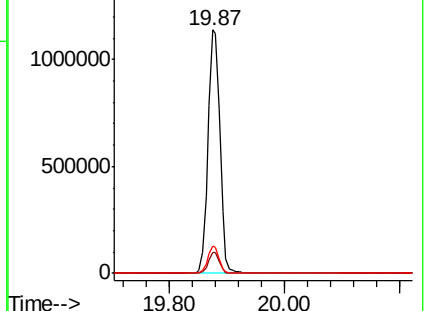
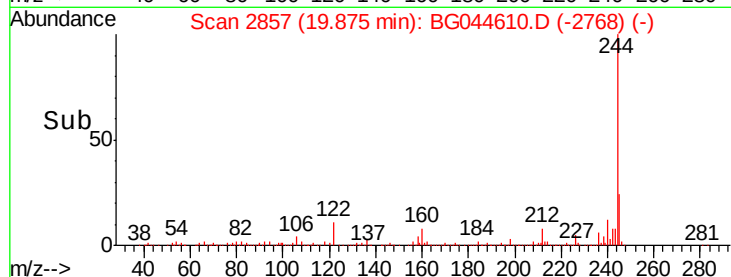
122 11.3 8.2 12.4



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044610.D

Acq: 26 Feb 2020 19:24

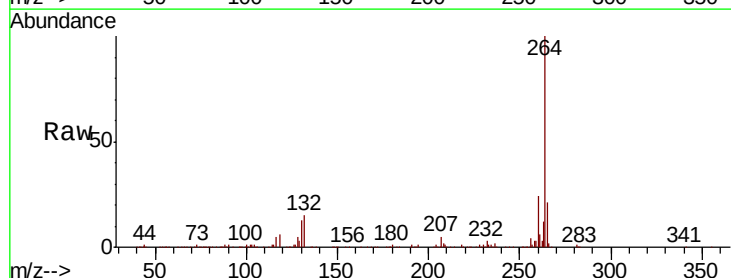
Tgt Ion:264 Resp: 413385

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.4 17.8 26.8



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

