

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044609.D
 Acq On : 26 Feb 2020 18:45
 Operator : CG/JU
 Sample : L1370-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:44:04 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

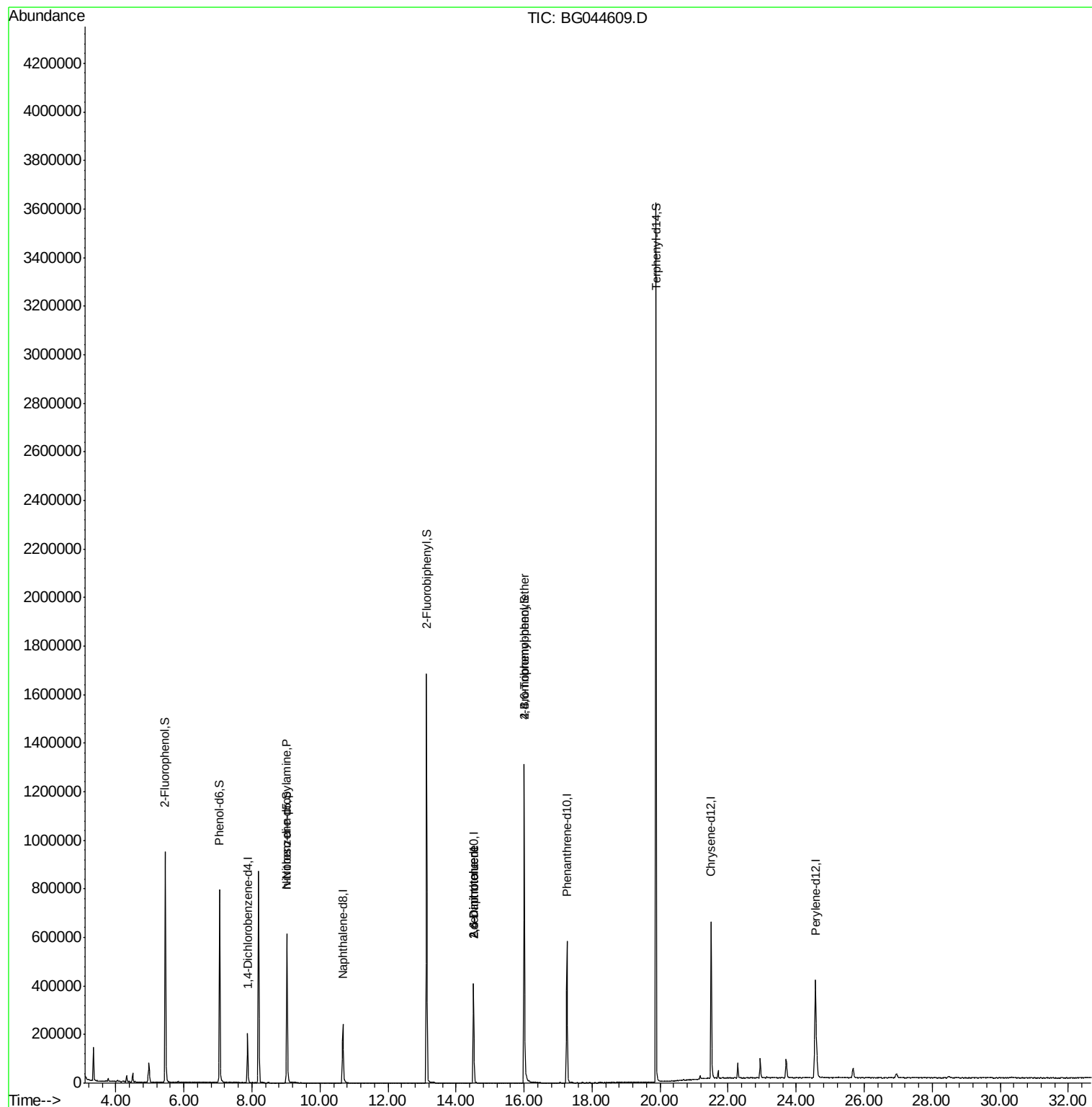
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61278	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	245868	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	162037	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	400419	20.00	ng	0.00
76) Chrysene-d12	21.50	240	415387	20.00	ng	0.00
87) Perylene-d12	24.56	264	427284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	471413	123.43	ng	0.00
7) Phenol-d6	7.05	99	536745	102.67	ng	0.00
23) Nitrobenzene-d5	9.03	82	412746	86.49	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	300039	130.59	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	946563	83.65	ng	0.00
79) Terphenyl-d14	19.88	244	1767163	80.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	53075	15.794	ng	# 75
51) 2,6-Dinitrotoluene	14.52	165	21160	7.336	ng	# 31
57) 2,4-Dinitrotoluene	14.52	165	21161	5.218	ng	# 29
67) 4-Bromophenyl-phenylether	16.00	248	20206	4.065	ng	# 1

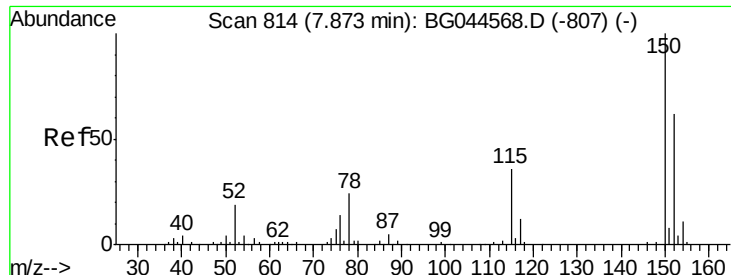
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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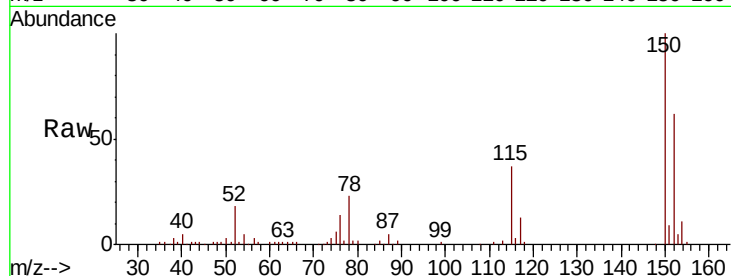


#1

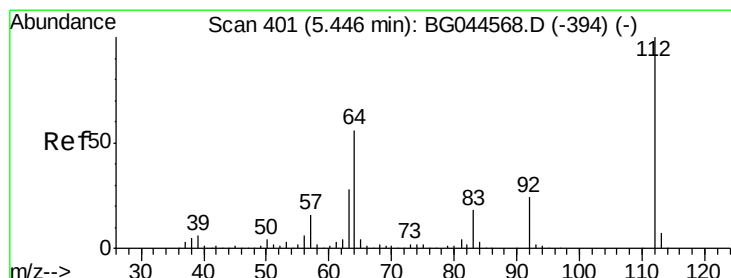
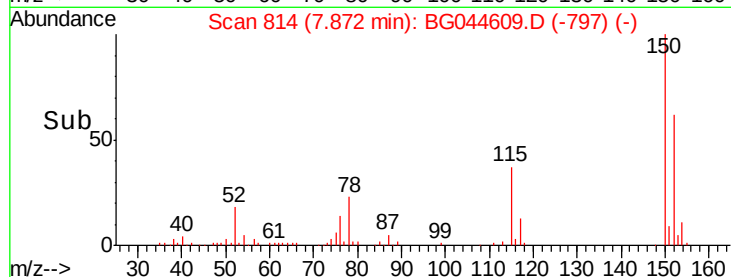
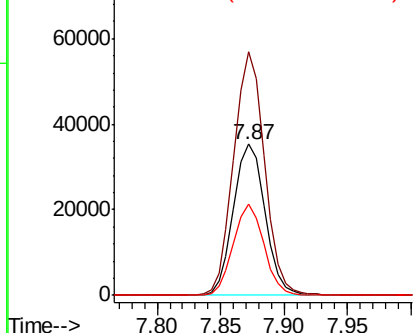
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61278
Ion Ratio Lower Upper
152 100
150 161.3 128.9 193.3
115 60.4 47.0 70.4



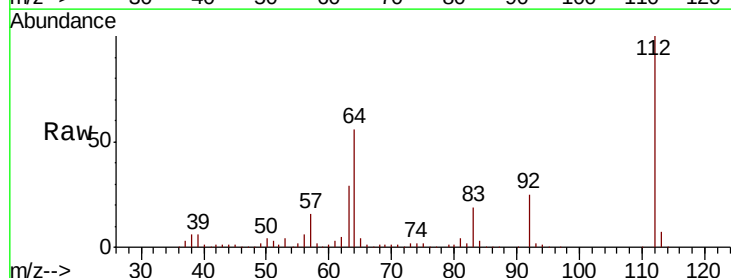
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



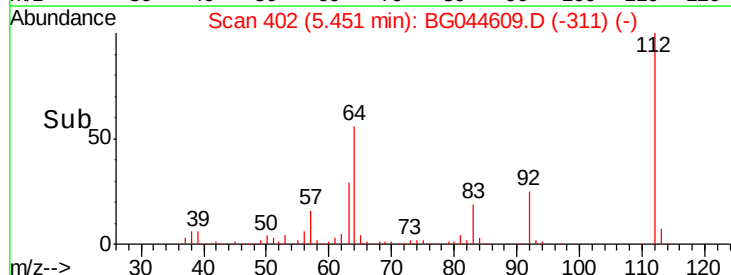
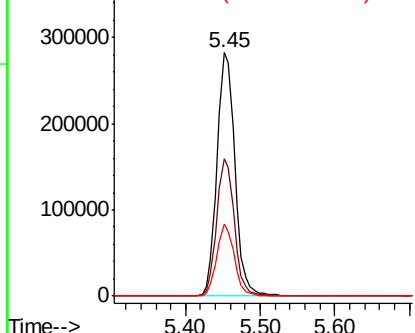
#5

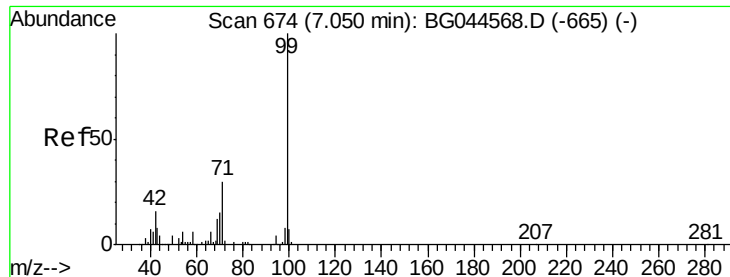
2-Fluorophenol
Concen: 123.432 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

Tgt Ion:112 Resp: 471413
Ion Ratio Lower Upper
112 100
64 56.3 44.8 67.2
63 29.4 22.3 33.5



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: 102.672 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044609.D

Acq: 26 Feb 2020 18:45

Instrument :

BNA_G

ClientSampleId :

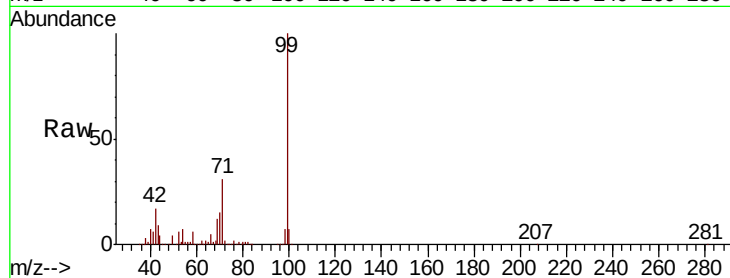
Tot Ion: 99 Resp: 536745

Ion Ratio Lower Upper

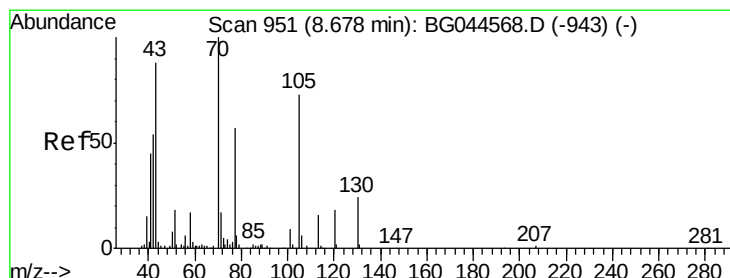
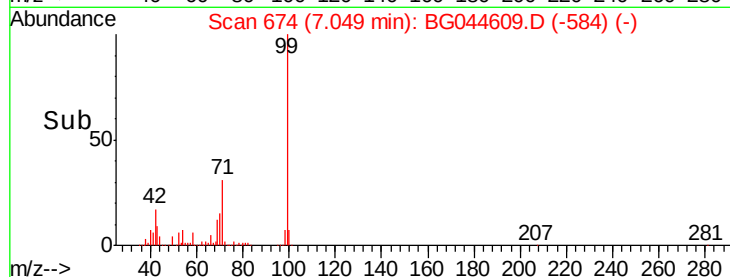
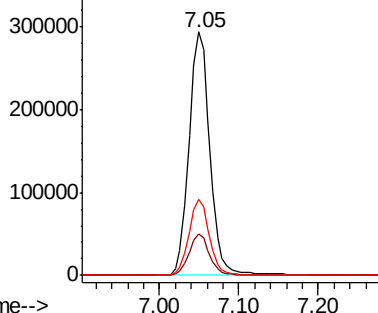
99 100

42 16.8 12.8 19.2

71 31.3 24.4 36.6



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: 15.794 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044609.D

Acq: 26 Feb 2020 18:45

Tgt Ion: 70 Resp: 53075

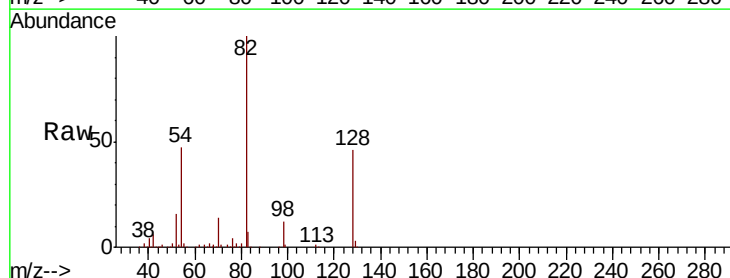
Ion Ratio Lower Upper

70 100

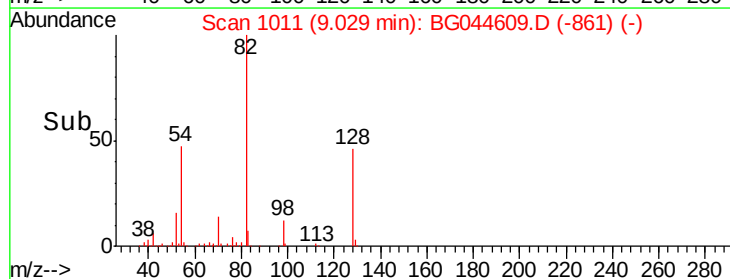
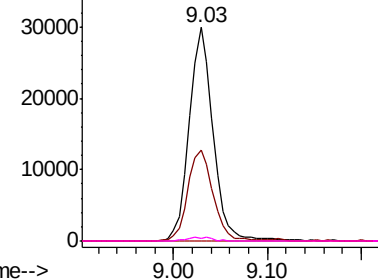
42 42.6 43.4 65.0#

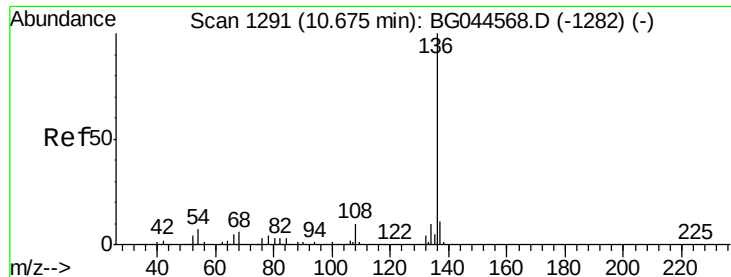
101 0.0 7.5 11.3#

130 1.5 18.9 28.3#



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

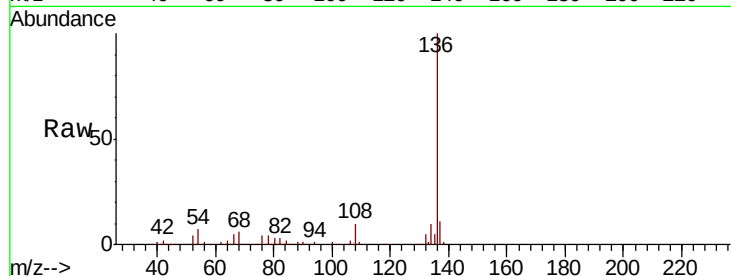




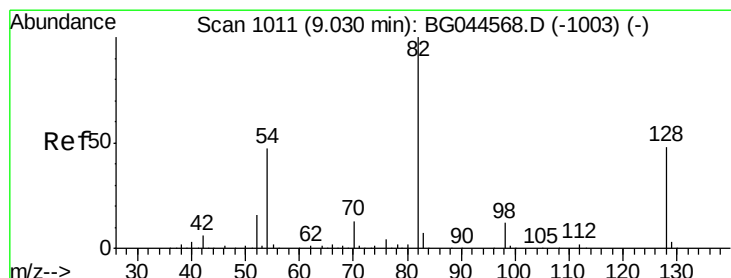
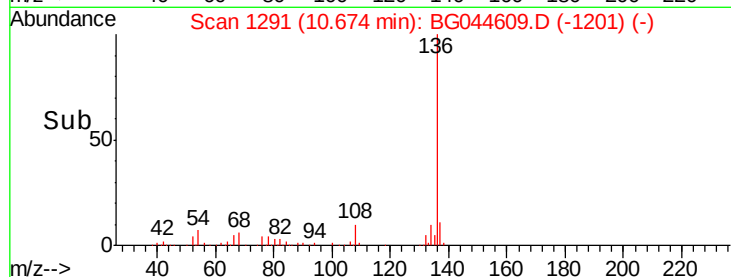
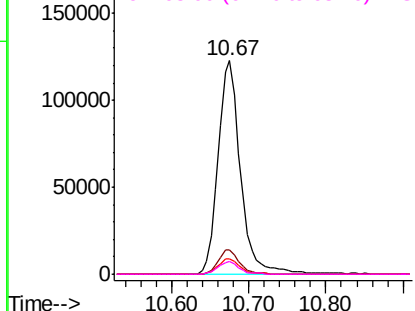
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	245868
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.1	5.7	8.5
68	6.2	4.5	6.7

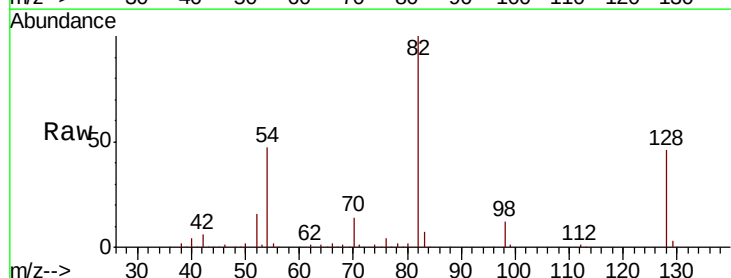


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

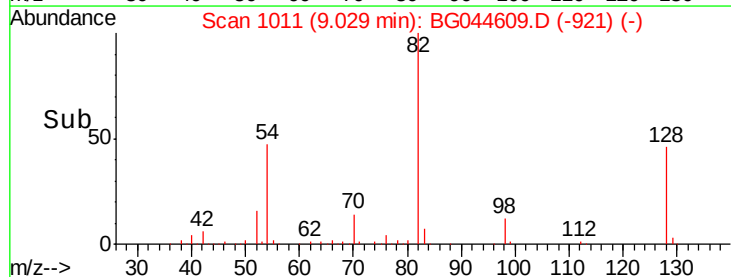
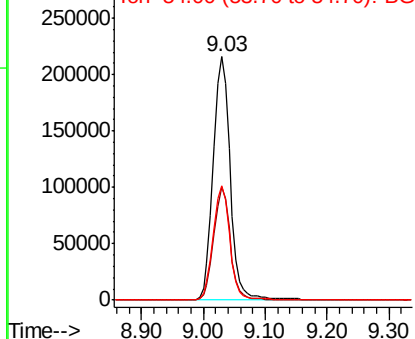


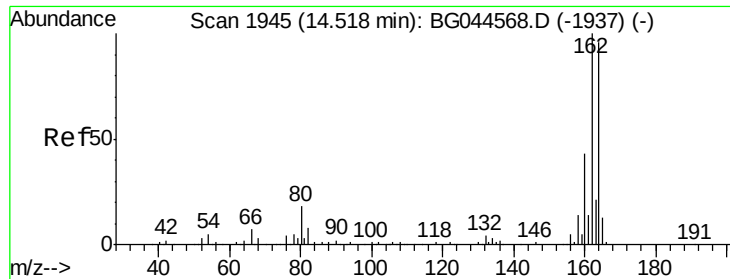
#23
Nitrobenzene-d5
Concen: 86.485 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

Tgt Ion:	82	Resp:	412746
Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	47.1	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

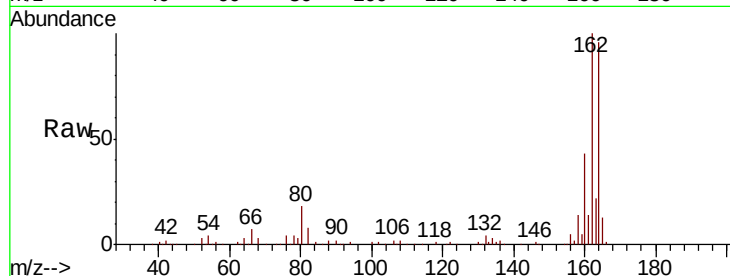




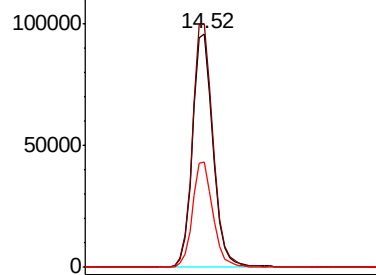
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

Instrument :
BNA_G
ClientSampleId :

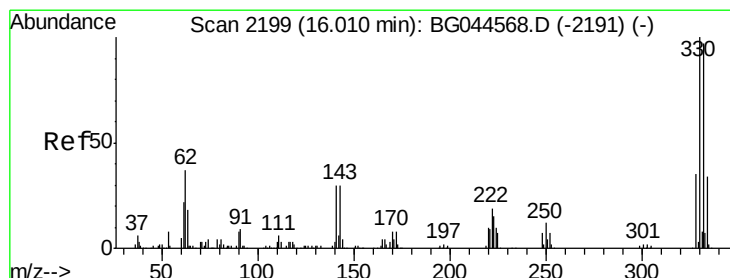
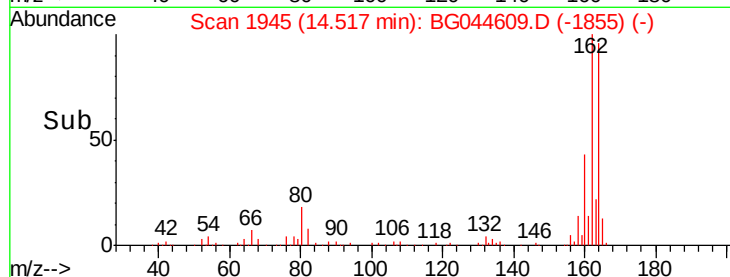
Tot Ion:164 Resp: 162037
Ion Ratio Lower Upper
164 100
162 104.1 83.6 125.4
160 45.0 36.2 54.4



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

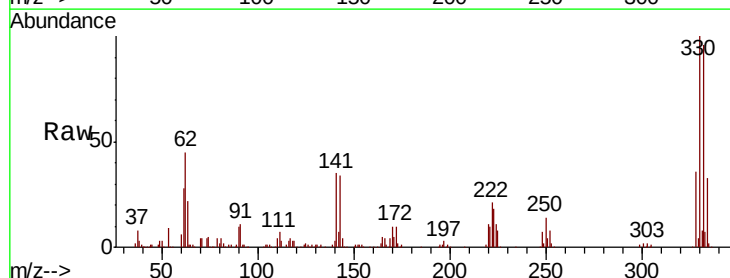


Time--> 14.40 14.50 14.60

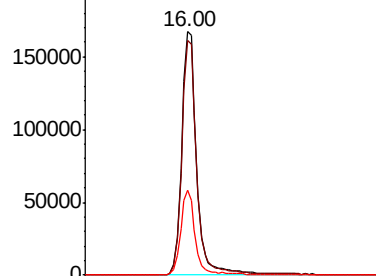


#42
2,4,6-Tribromophenol
Concen: 130.590 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG044609.D
Acq: 26 Feb 2020 18:45

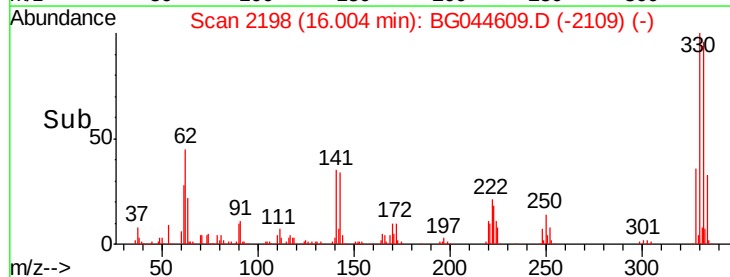
Tgt Ion:330 Resp: 300039
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.0
141 33.5 26.1 39.1

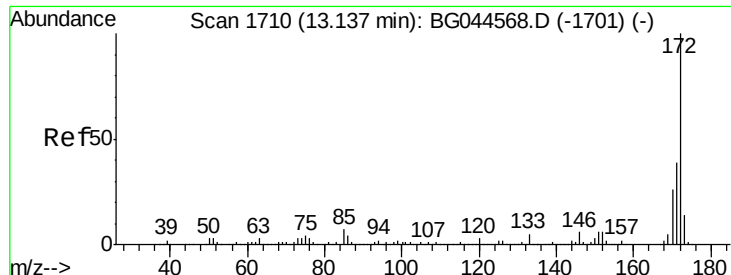


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.00 16.20

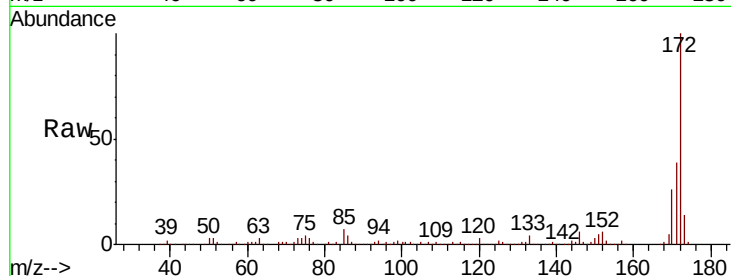




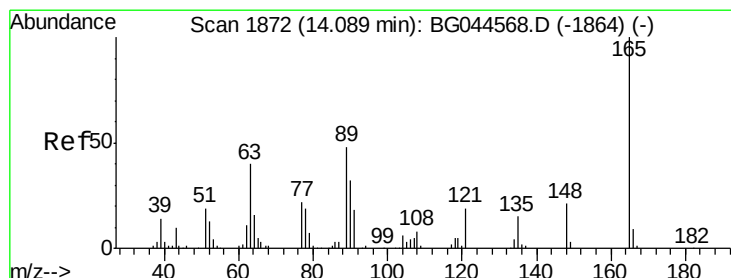
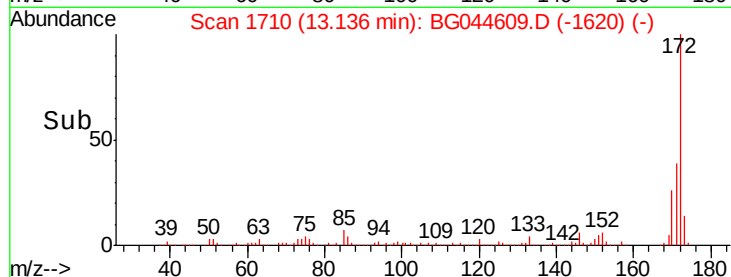
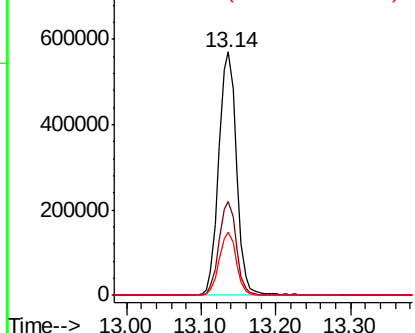
#45
 2-Fluorobiphenyl
 Concen: 83.652 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044609.D
 Acq: 26 Feb 2020 18:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.7	21.0	31.4

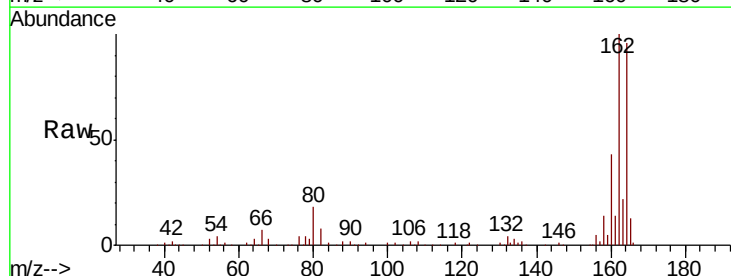


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

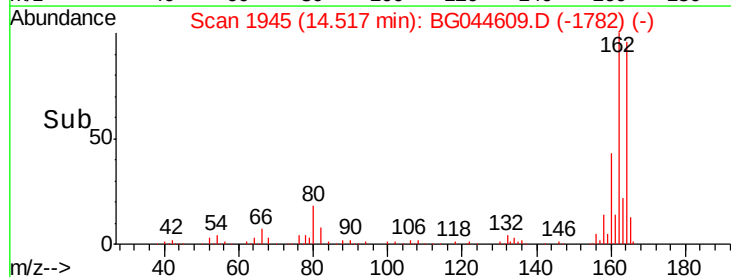
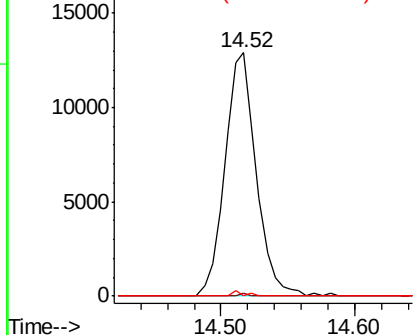


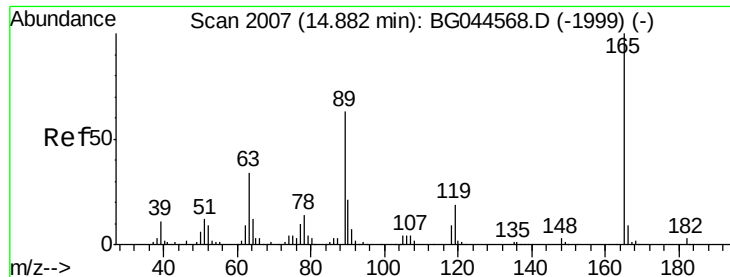
#51
 2,6-Dinitrotoluene
 Concen: 7.336 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.43 min
 Lab File: BG044609.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.8	53.6#
89	0.0	38.7	58.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

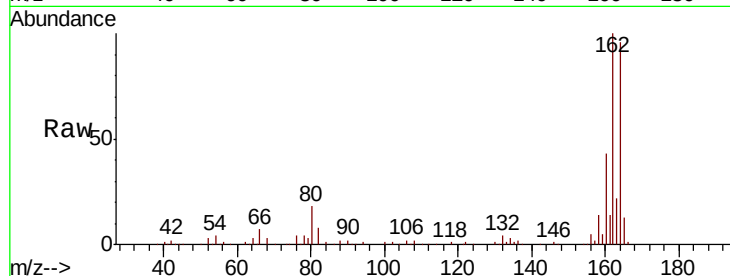




#57
 2,4-Dinitrotoluene
 Concen: 5.218 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044609.D
 Acq: 26 Feb 2020 18:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#

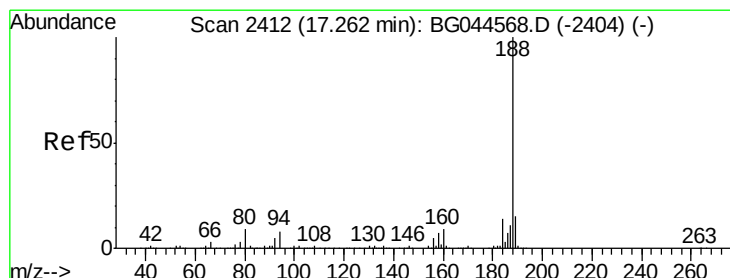
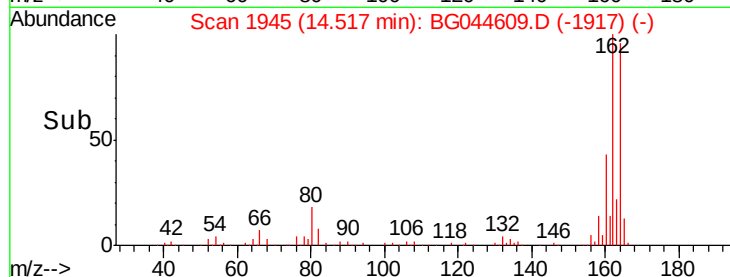
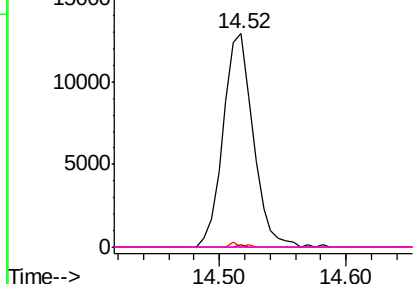


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

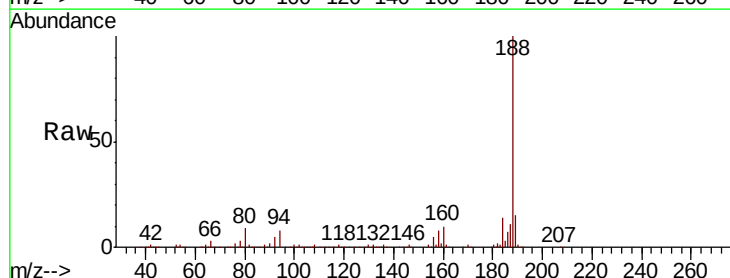
Ion 89.00 (88.70 to 89.70): BGC

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: BG044609.D
 Acq: 26 Feb 2020 18:45

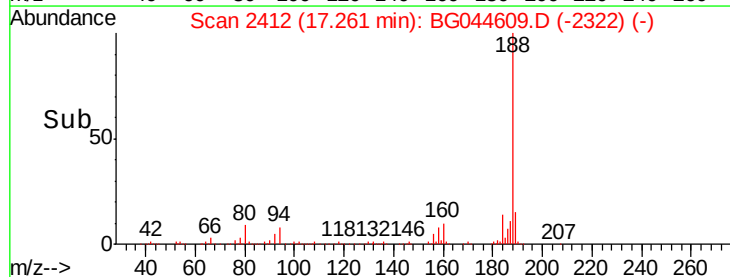
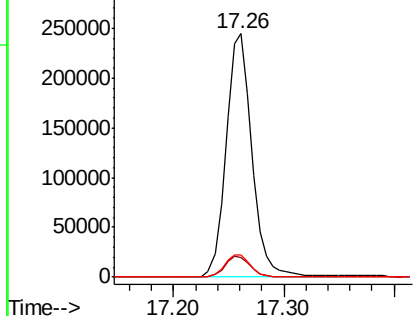
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.1	7.6	11.4

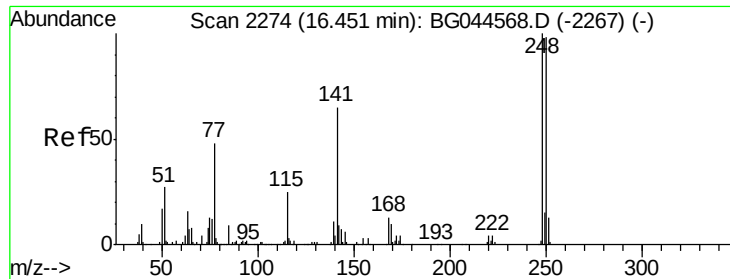


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

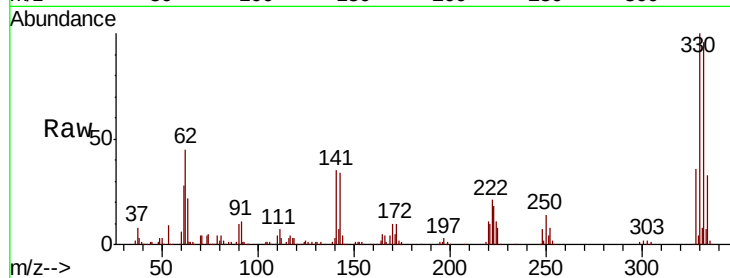




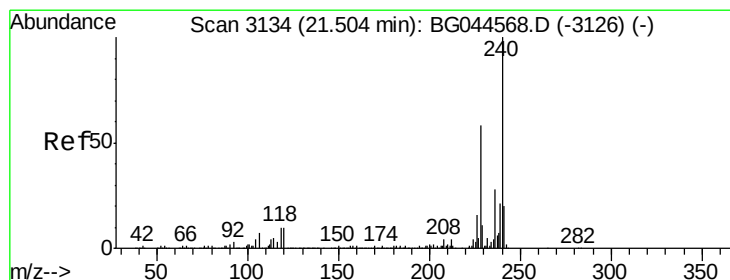
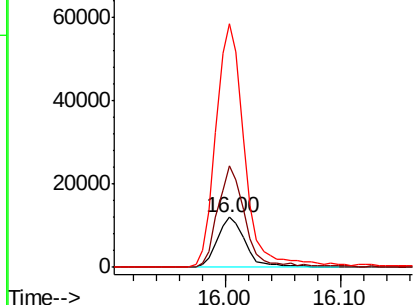
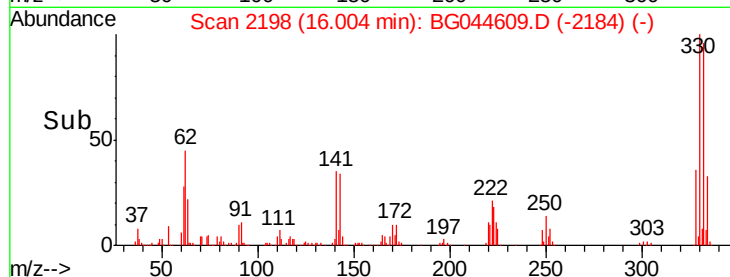
#67
 4-Bromophenyl-phenylether
 Concen: 4.065 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044609.D
 Acq: 26 Feb 2020 18:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 20206
 Ion Ratio Lower Upper
 248 100
 250 202.5 78.7 118.1#
 141 487.6 52.3 78.5#

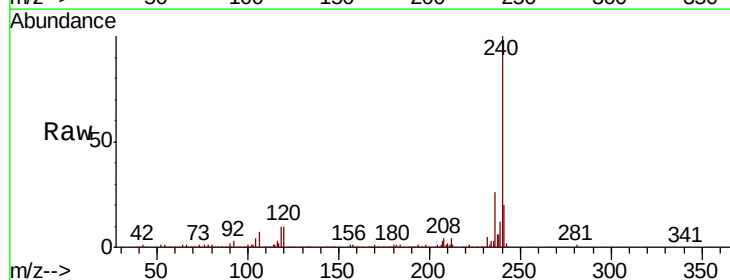


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

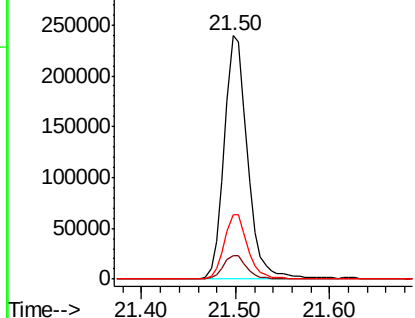
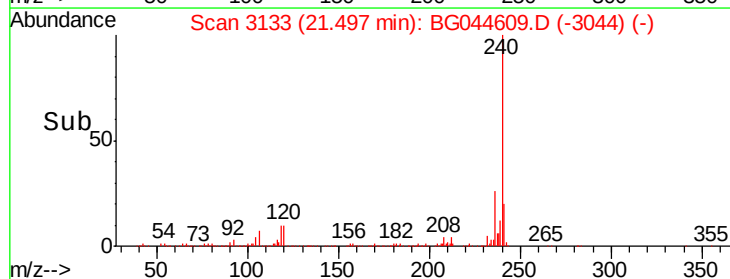


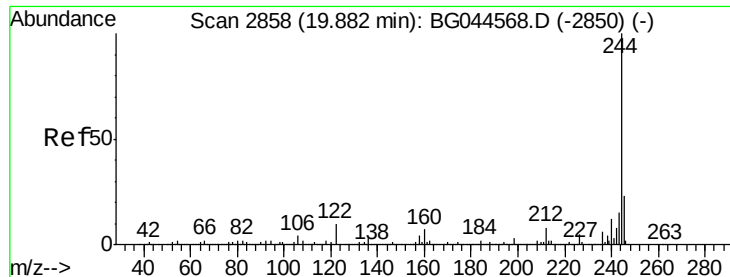
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG044609.D
 Acq: 26 Feb 2020 18:45

Tgt Ion:240 Resp: 415387
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 26.4 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: 80.536 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044609.D

Acq: 26 Feb 2020 18:45

Instrument :

BNA_G

ClientSampleId :

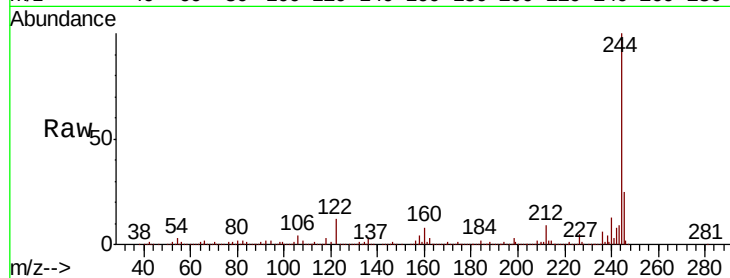
Tot Ion:244 Resp: 1767163

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

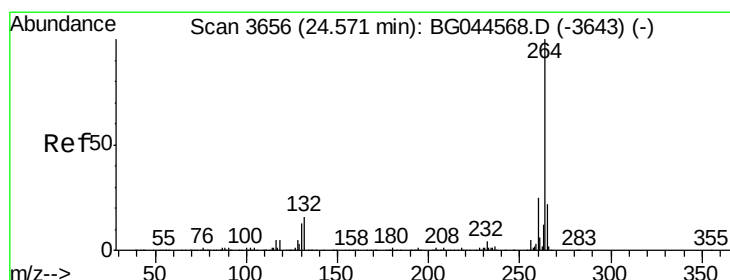
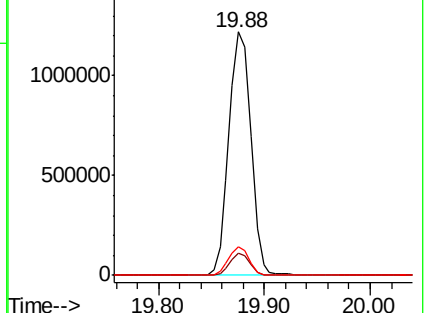
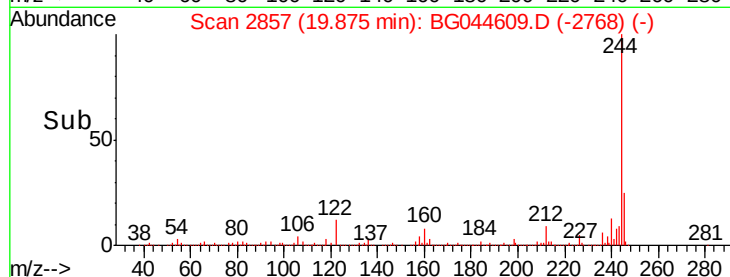
122 11.9 8.2 12.4



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: BG044609.D

Acq: 26 Feb 2020 18:45

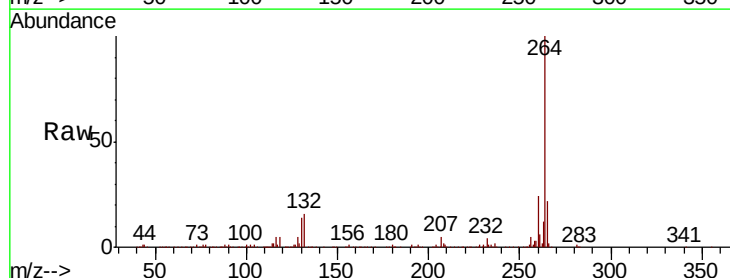
Tgt Ion:264 Resp: 427284

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.7 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

