

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044509.D
 Acq On : 20 Feb 2020 3:56
 Operator : CG/JU
 Sample : L1547-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:20:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

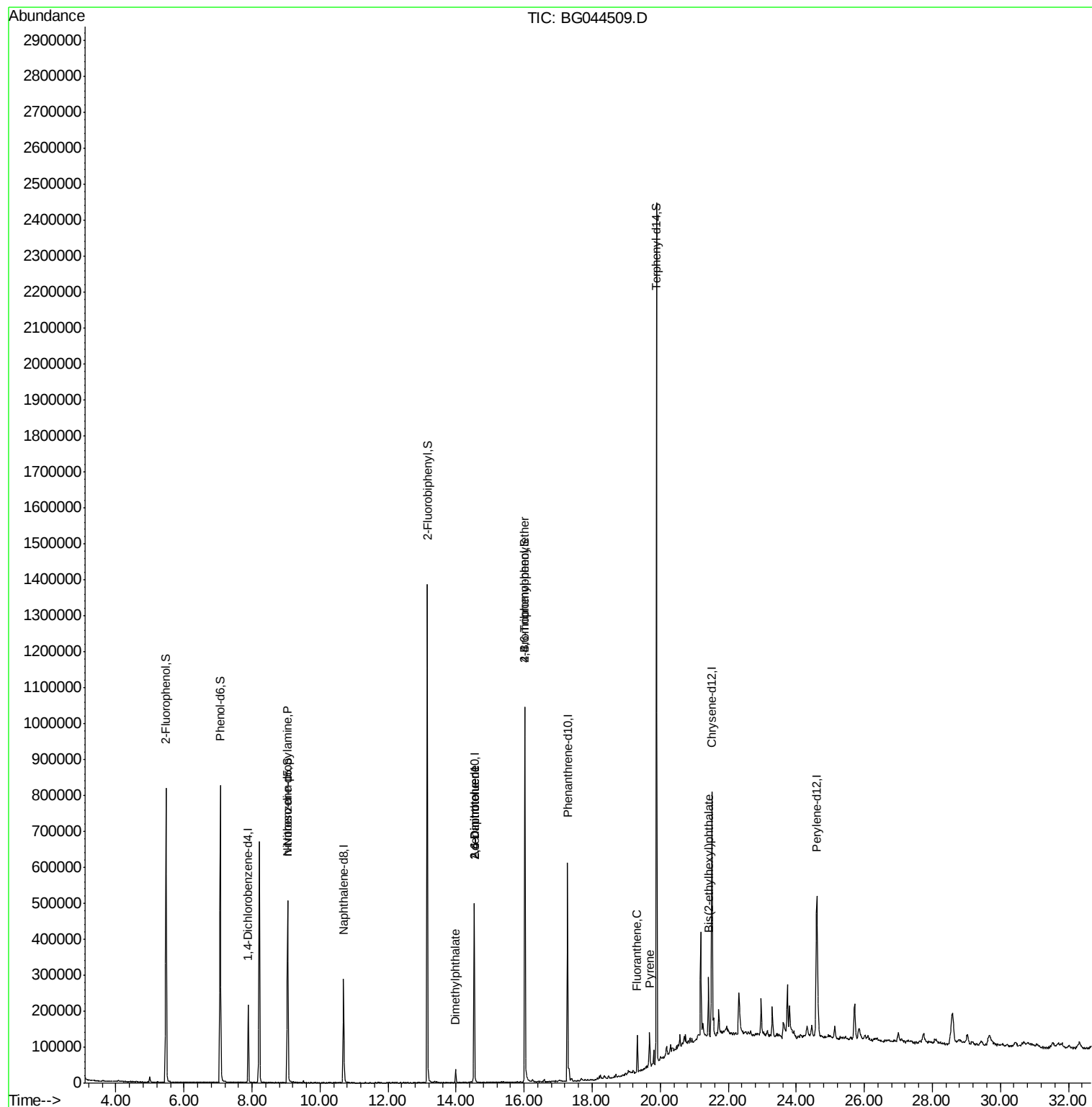
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	65907	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	278817	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	184079	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	396904	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	375763	20.00	ng	-0.02
87) Perylene-d12	24.60	264	404328	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	419055	112.21	ng	-0.01
7) Phenol-d6	7.06	99	550034	109.68	ng	-0.01
23) Nitrobenzene-d5	9.04	82	333108	67.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	221848	102.66	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	765116	69.60	ng	-0.01
79) Terphenyl-d14	19.89	244	1130959	61.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	42044	12.580	ng	# 75
50) Dimethylphthalate	13.99	163	30779	2.326	ng	95
51) 2,6-Dinitrotoluene	14.53	165	23804	8.068	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	23804	5.757	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	14903	3.446	ng	# 1
75) Fluoranthene	19.33	202	64446	2.899	ng	97
78) Pyrene	19.69	202	58926	2.442	ng	94
84) Bis(2-ethylhexyl)phthalate	21.42	149	70615	4.665	ng	96

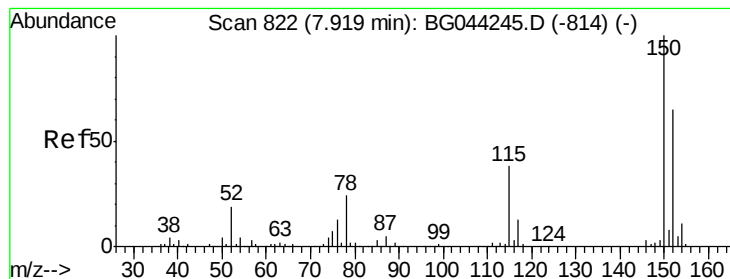
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Feb 20 07:20:12 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



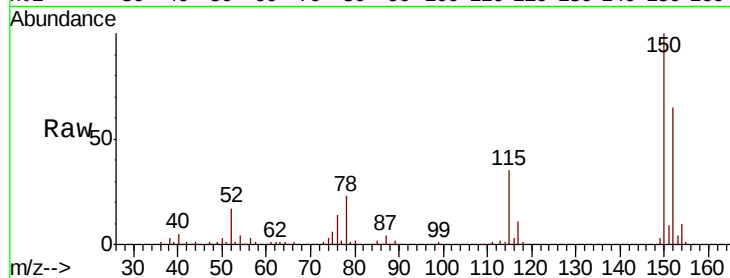


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	53.2	46.0	69.0

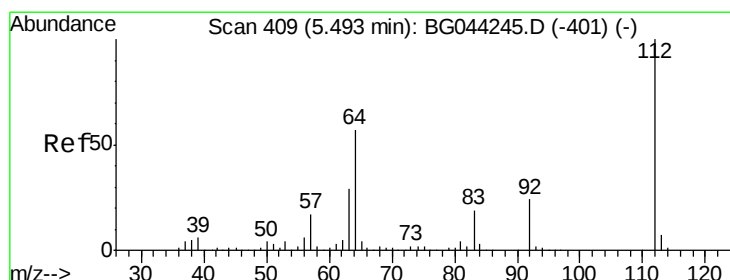
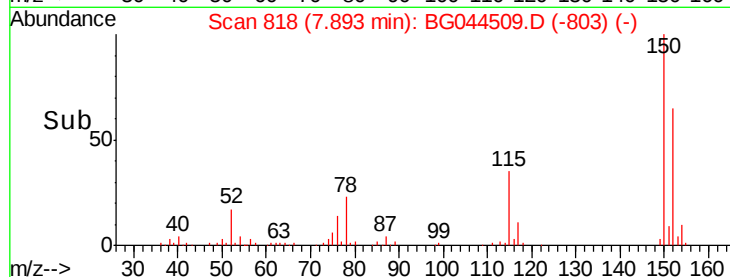
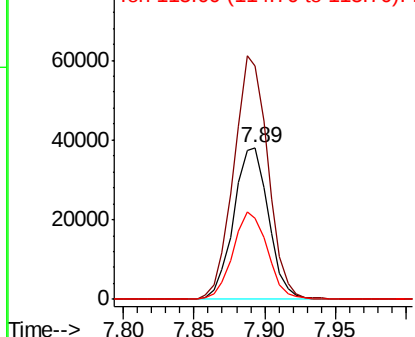


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

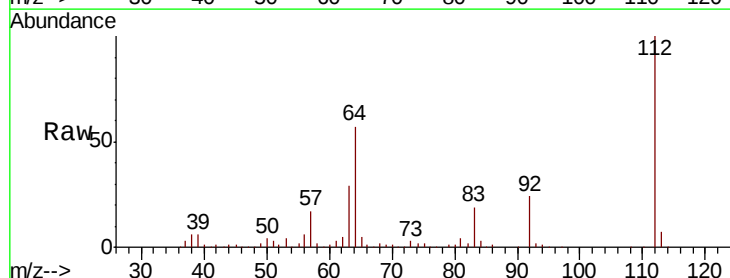
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.214 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	28.9	22.9	34.3

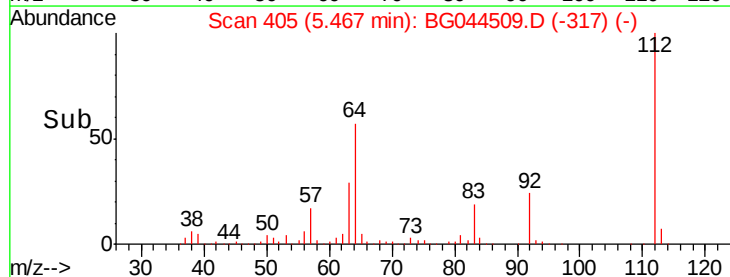
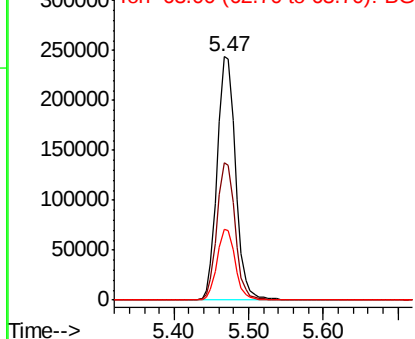


Abundance

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: 109.682 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

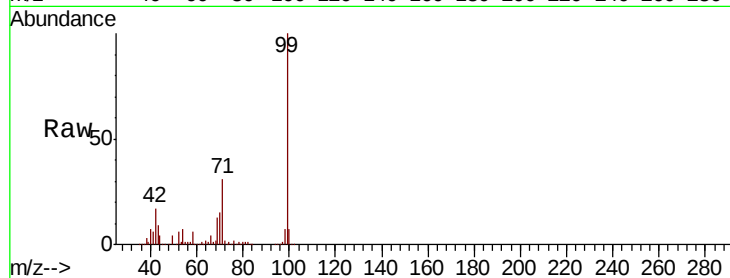
Tot Ion: 99 Resp: 550034

Ion Ratio Lower Upper

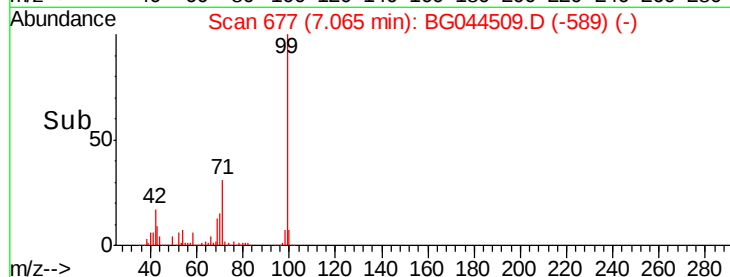
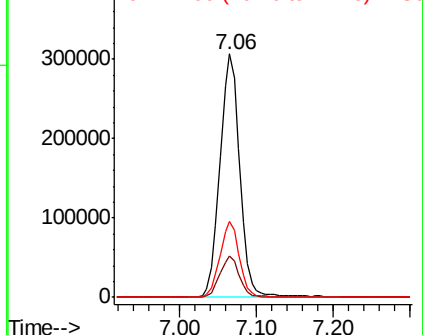
99 100

42 16.8 13.8 20.6

71 30.9 25.5 38.3



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: 12.580 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.33 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Tgt Ion: 70 Resp: 42044

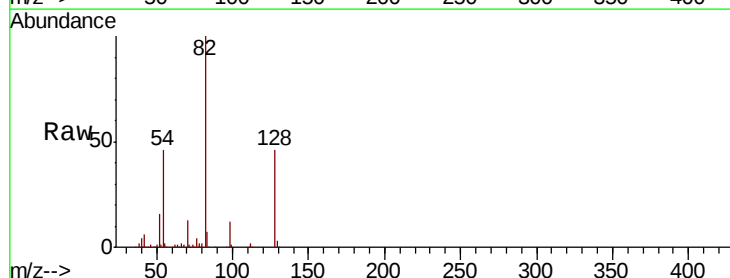
Ion Ratio Lower Upper

70 100

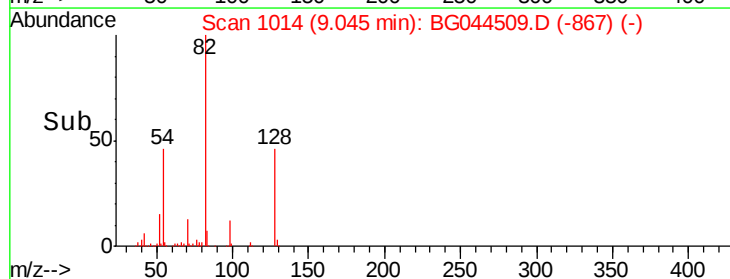
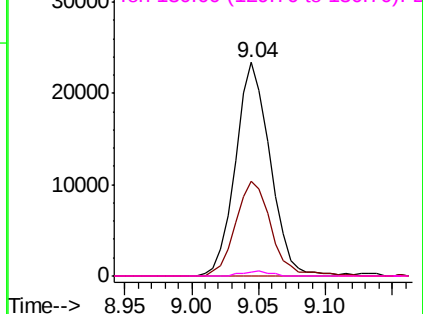
42 44.2 46.2 69.2#

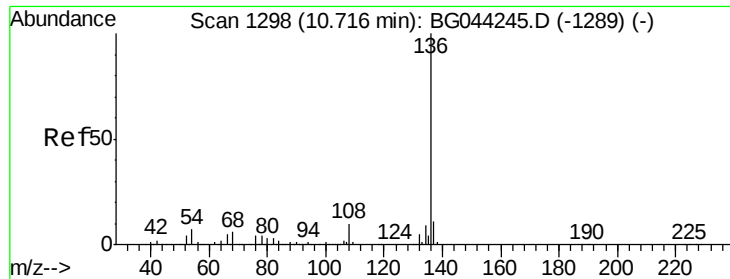
101 0.0 8.4 12.6#

130 2.0 17.8 26.8#



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

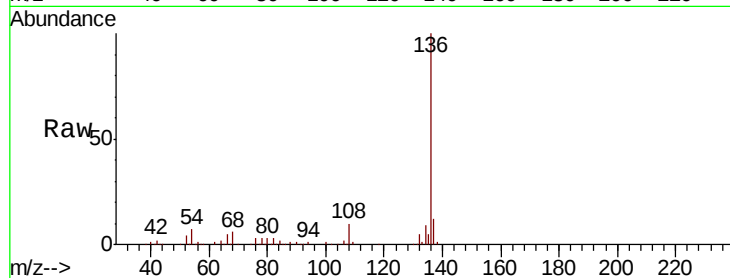




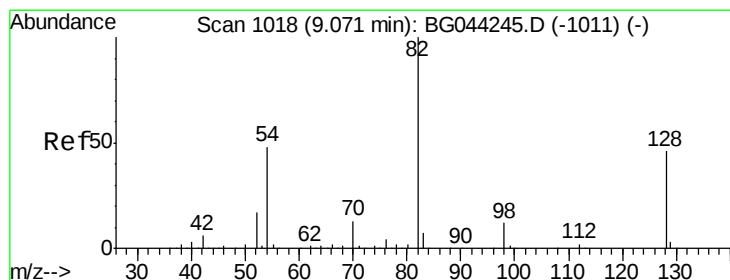
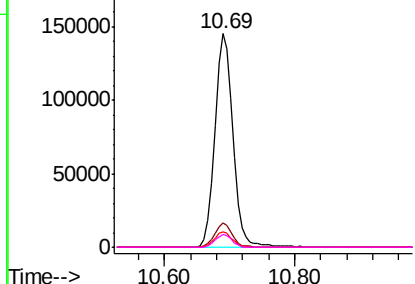
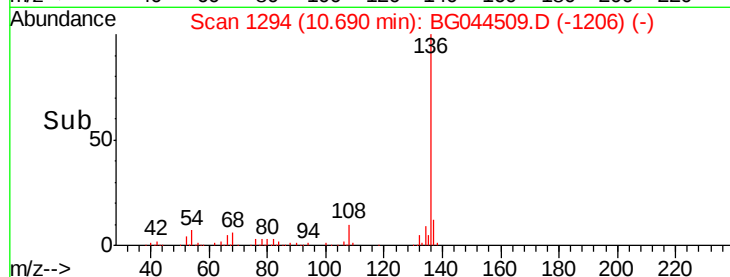
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	278817
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.8 13.2
54	7.2	5.8 8.8
68	6.0	4.6 6.8

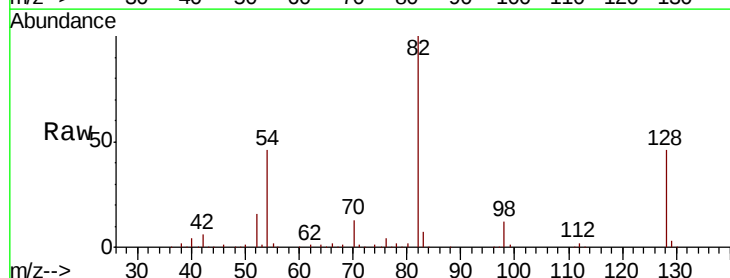


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

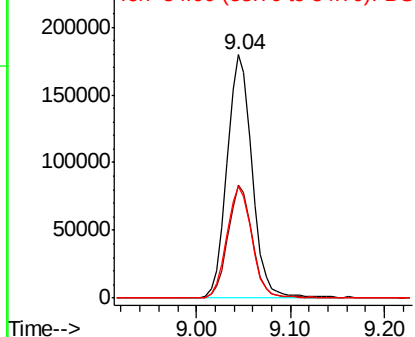
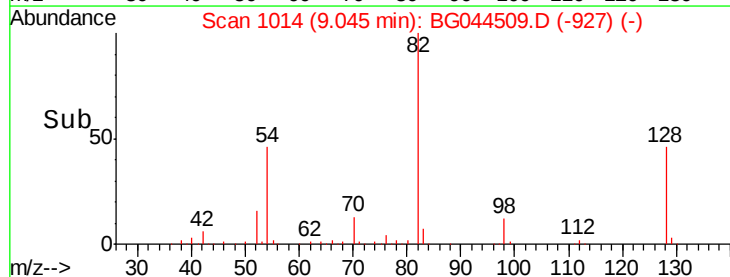


#23
Nitrobenzene-d5
Concen: 67.449 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion: 82	Resp:	333108
Ion	Ratio	Lower Upper
82	100	
128	46.3	36.5 54.7
54	45.7	38.6 58.0



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

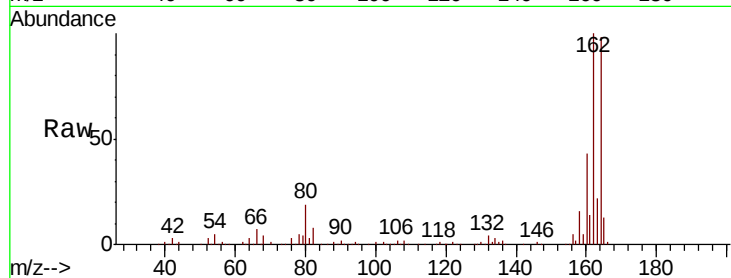




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	43.8	35.3	52.9

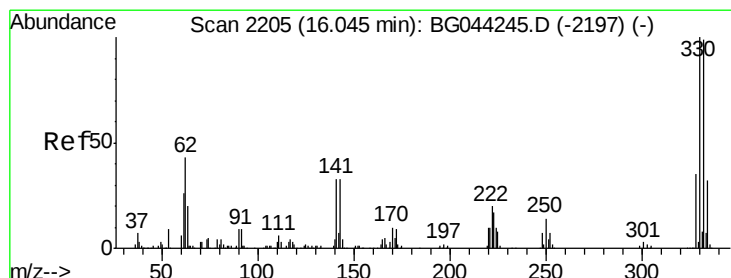
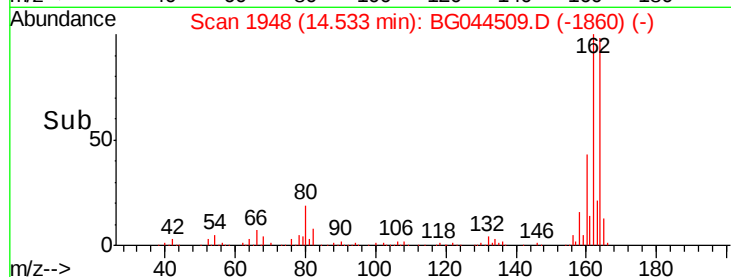
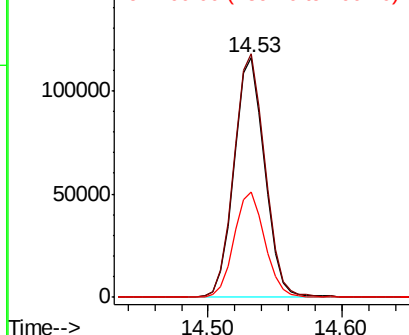


Abundance

Ion 164.00 (163.70 to 164.70): E

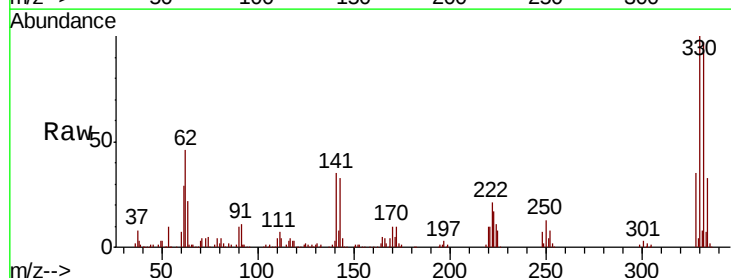
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 102.661 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	34.6	28.3	42.5

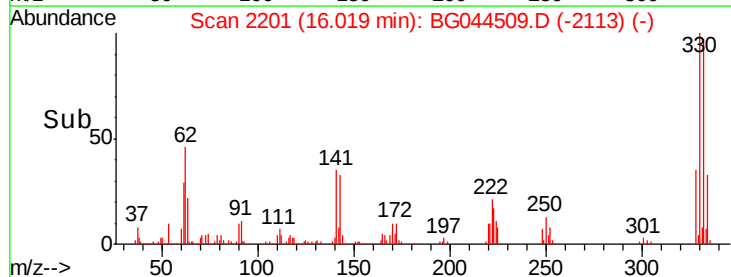
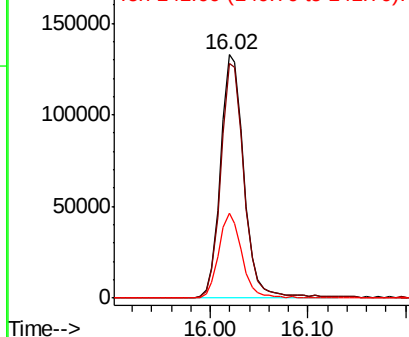


Abundance

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

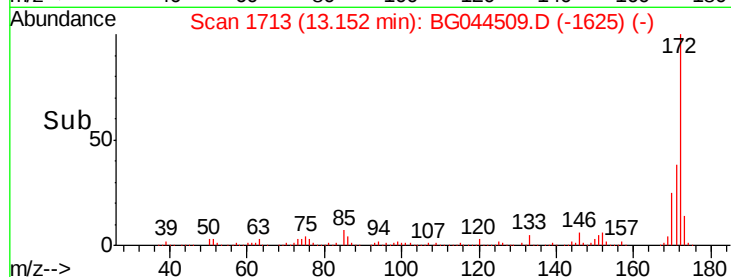
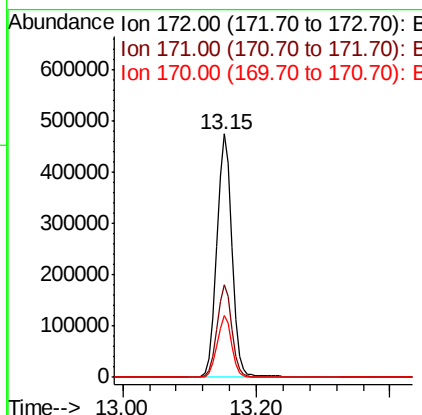
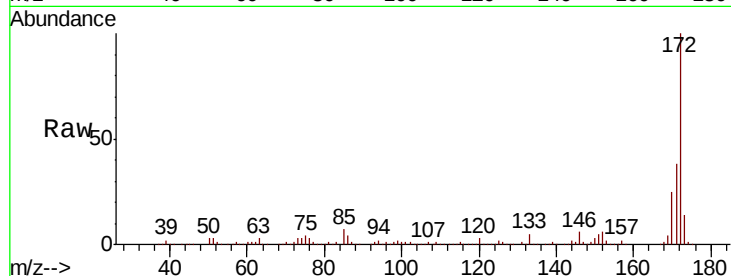




#45
 2-Fluorobiphenyl
 Concen: 69.602 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

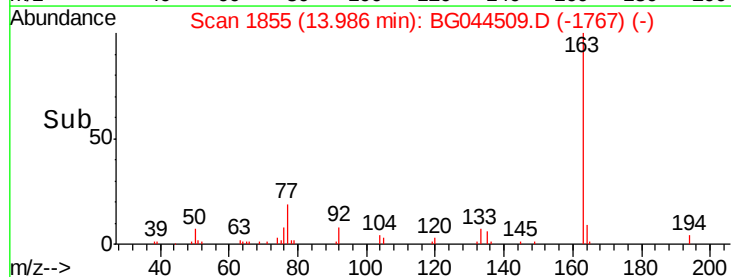
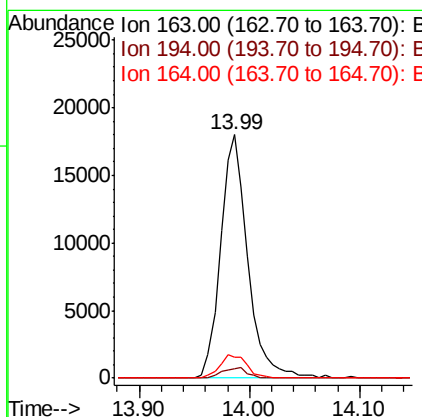
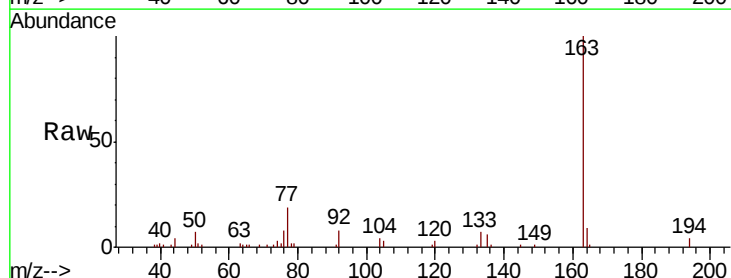
Instrument :
 BNA_G
 ClientSampleId :

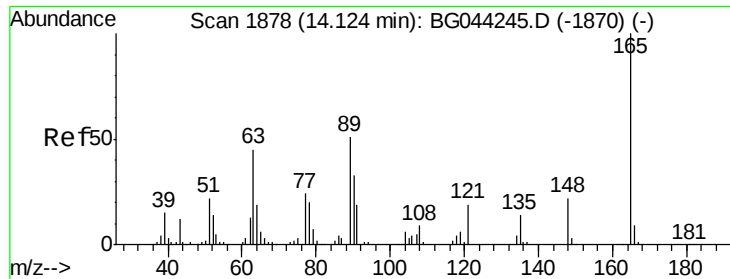
Tot Ion:172 Resp: 765116
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.9 49.3
 170 25.4 22.0 33.0



#50
 Dimethylphthalate
 Concen: 2.326 ng
 RT: 13.99 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

Tgt Ion:163 Resp: 30779
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.6 5.4
 164 8.8 8.7 13.1

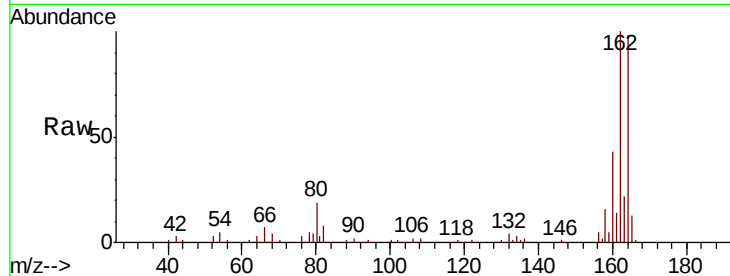




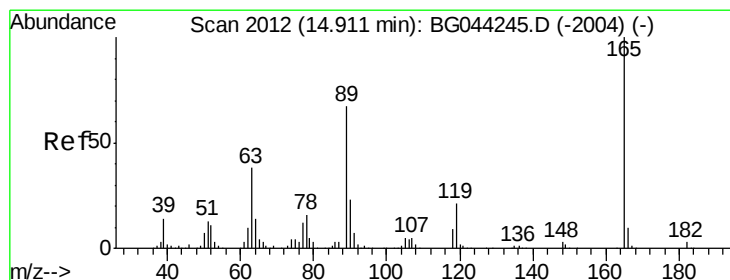
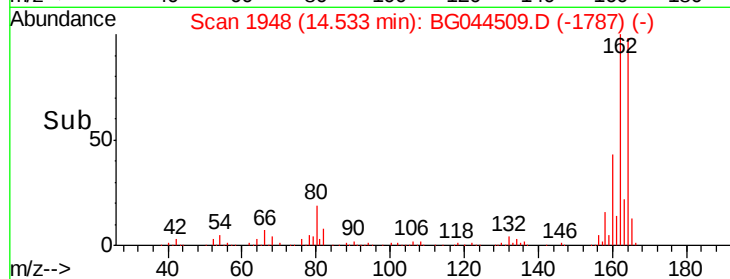
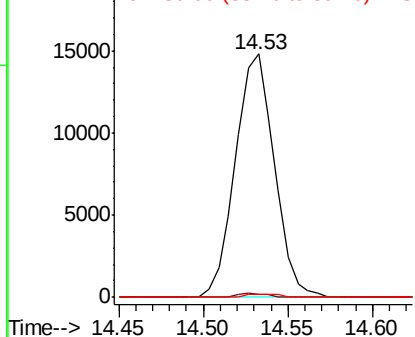
#51
 2,6-Dinitrotoluene
 Concen: 8.068 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.2	40.4	60.6#



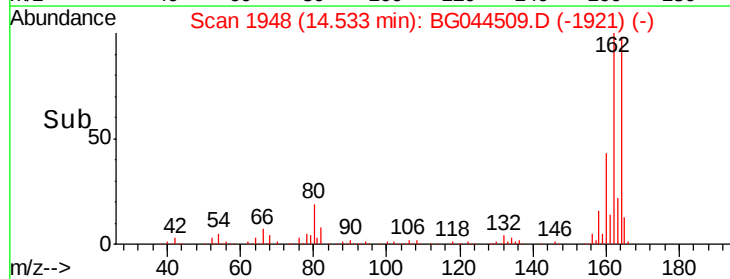
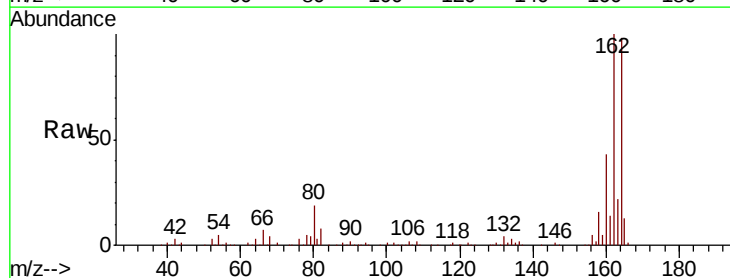
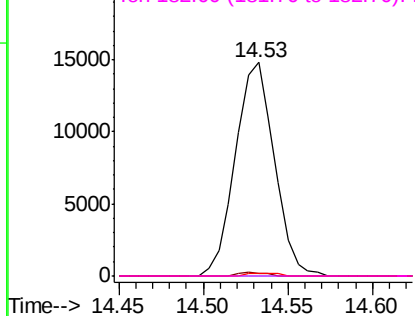
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

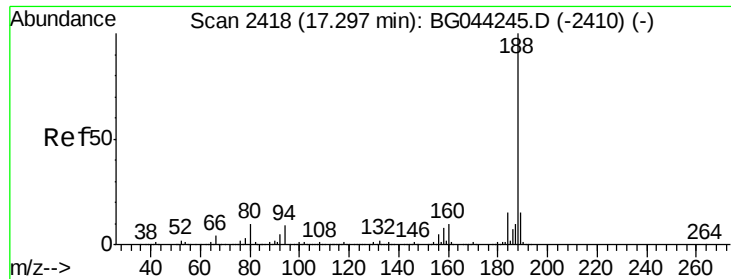


#57
 2,4-Dinitrotoluene
 Concen: 5.757 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044509.D
 Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.3	45.5#
89	1.2	53.4	80.2#
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

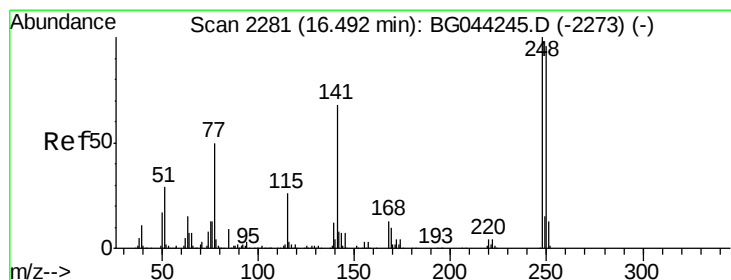
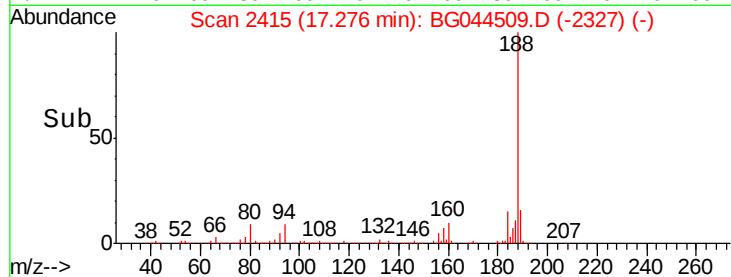
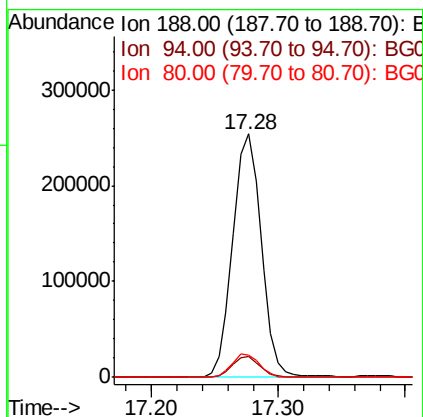
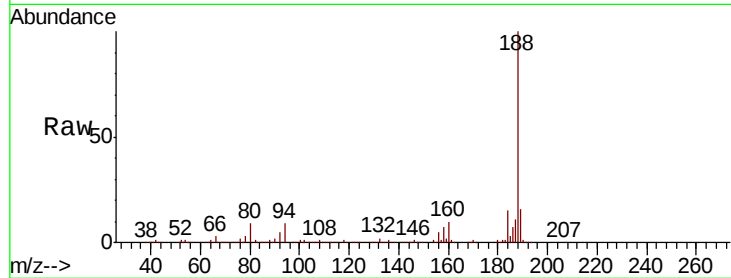




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

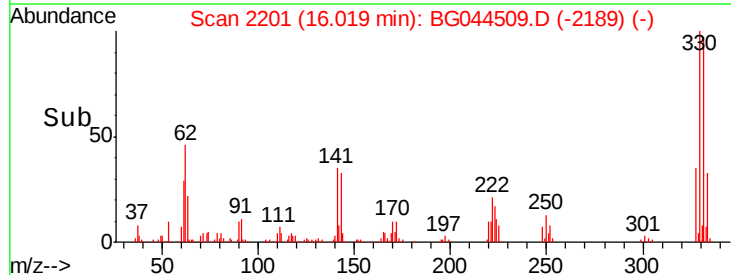
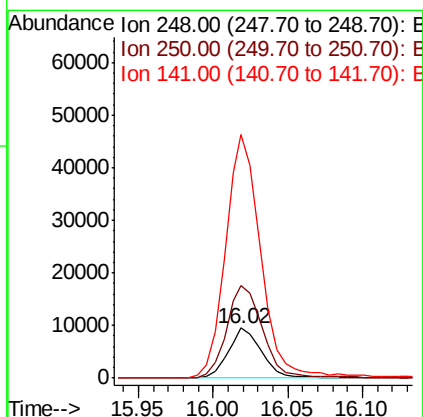
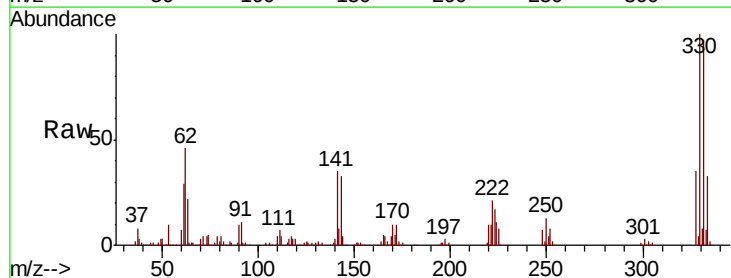
Instrument :
BNA_G
ClientSampleId :

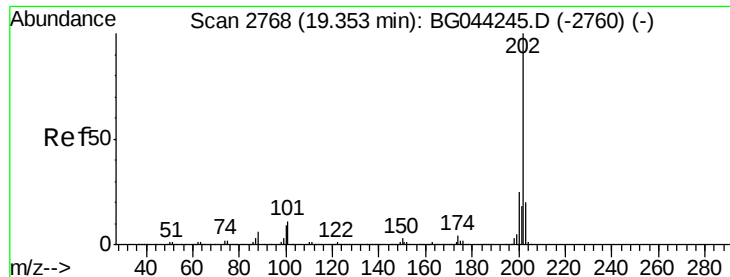
Tot Ion:188 Resp: 396904
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.446 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.46 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion:248 Resp: 14903
Ion Ratio Lower Upper
248 100
250 185.6 76.6 114.8#
141 485.3 54.7 82.1#





#75

Fluoranthene

Concen: 2.899 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

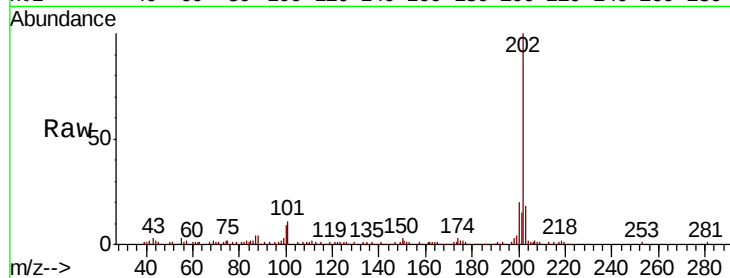
Tot Ion:202 Resp: 64446

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

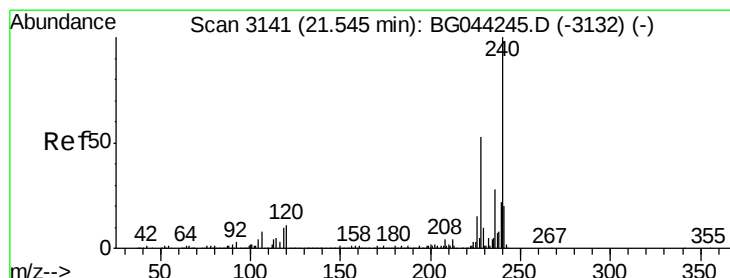
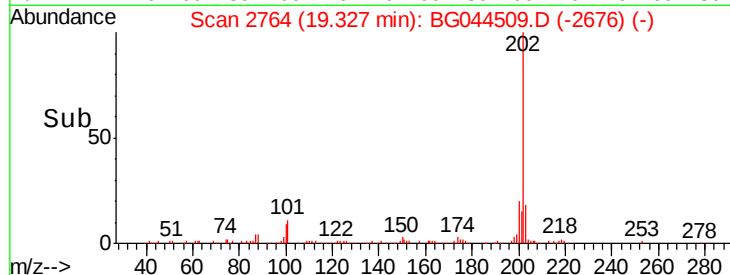
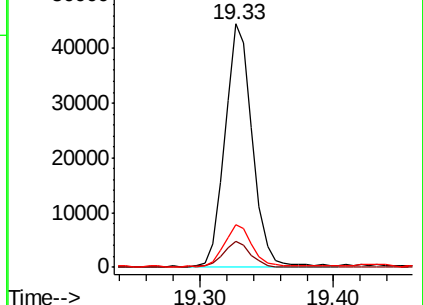
203 17.7 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

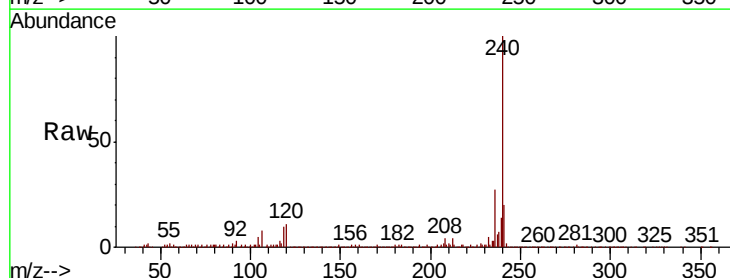
Tgt Ion:240 Resp: 375763

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

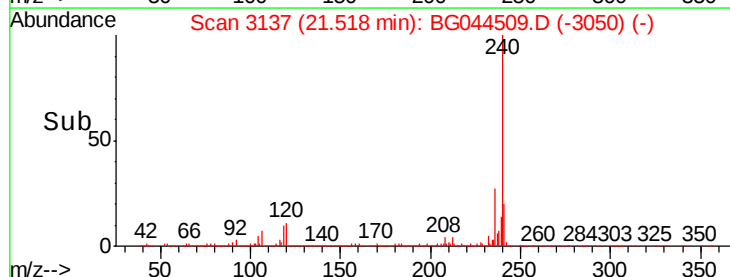
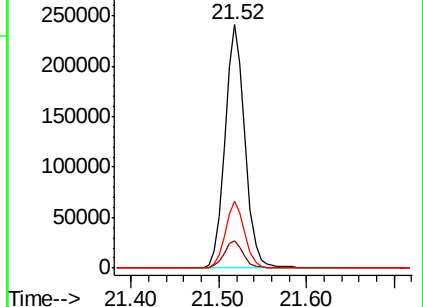
236 27.4 22.1 33.1

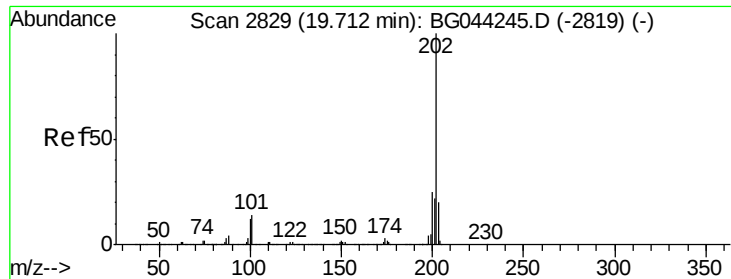


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

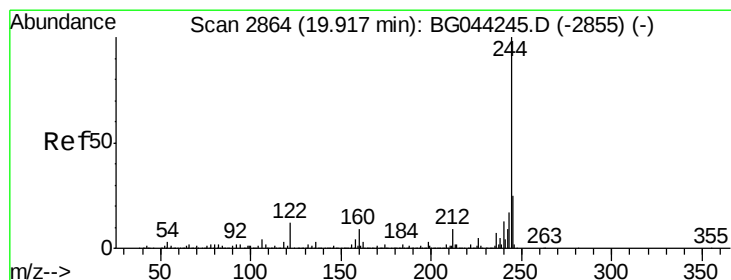
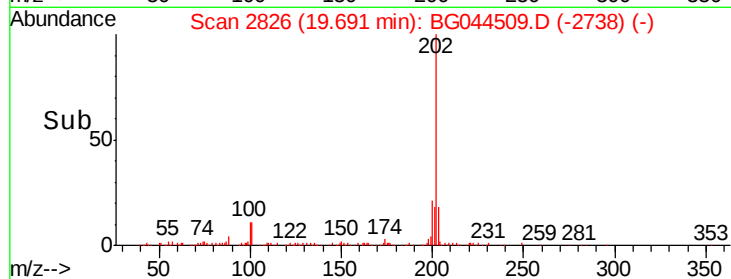
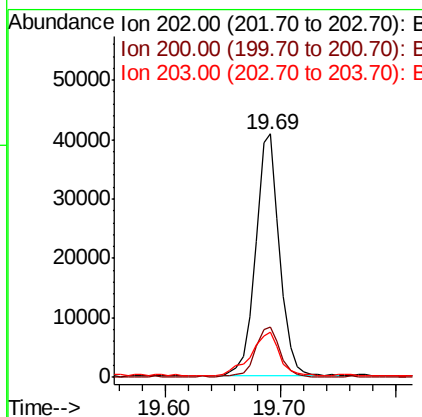
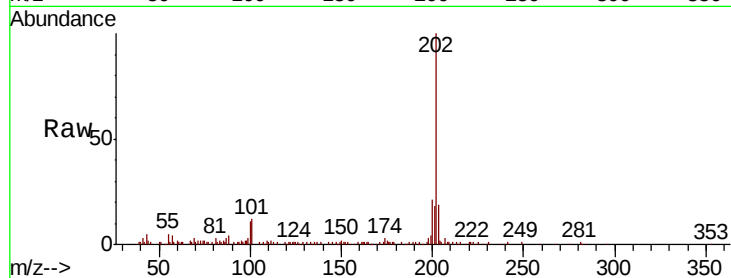




#78
Pvrene
Concen: 2.442 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

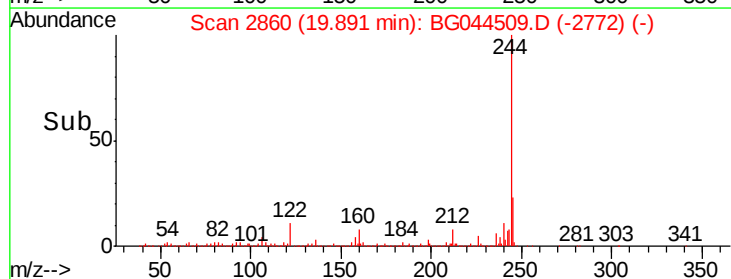
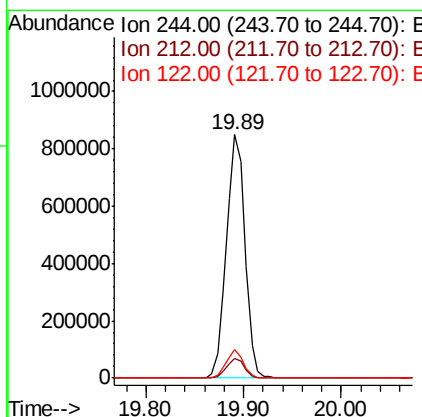
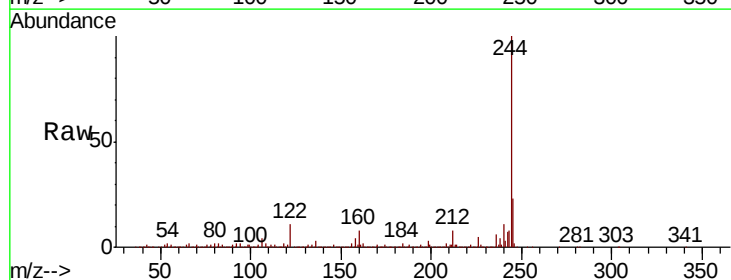
Instrument :
BNA_G
ClientSampleId :

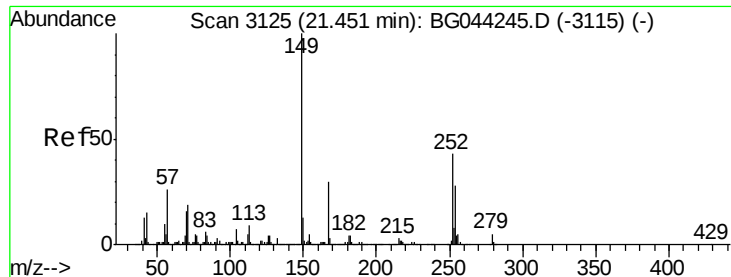
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	20.0	30.0
203	18.8	16.2	24.2



#79
Terphenyl-d14
Concen: 61.907 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044509.D
Acq: 20 Feb 2020 3:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	11.5	9.8	14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.665 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

Instrument :

BNA_G

ClientSampleId :

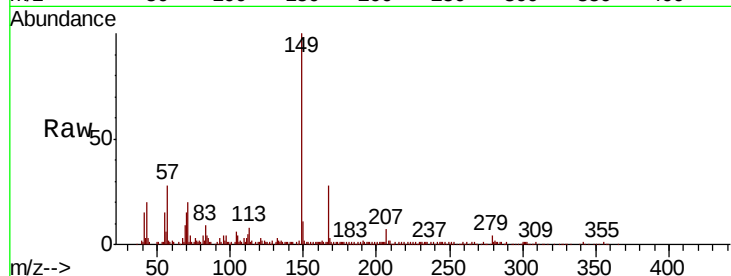
Tot Ion:149 Resp: 70615

Ion Ratio Lower Upper

149 100

167 27.6 24.0 36.0

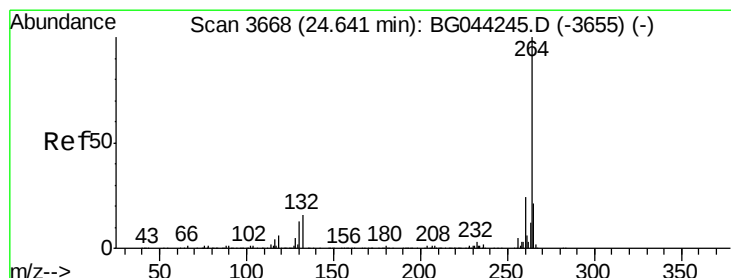
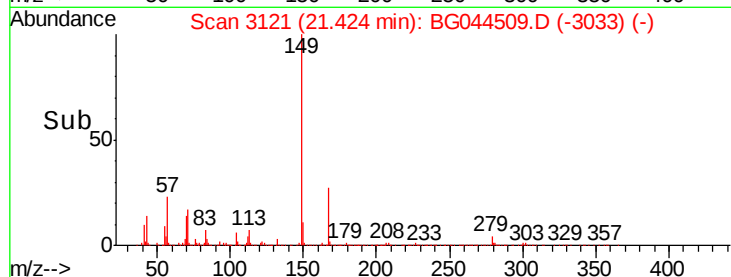
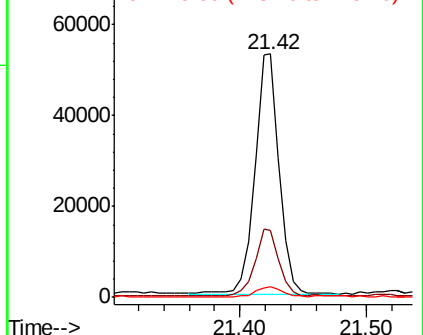
279 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044509.D

Acq: 20 Feb 2020 3:56

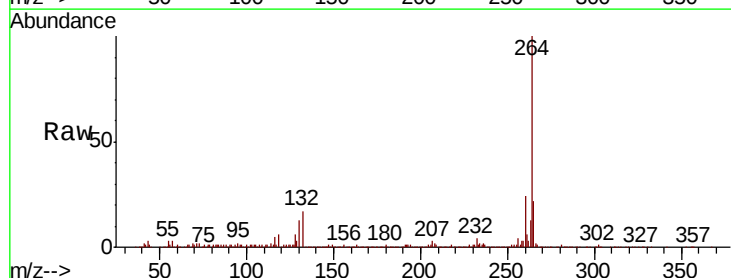
Tgt Ion:264 Resp: 404328

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.2 16.7 25.1



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

