

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044528.D
 Acq On : 20 Feb 2020 19:55
 Operator : CG/JU
 Sample : L1573-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:49:47 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

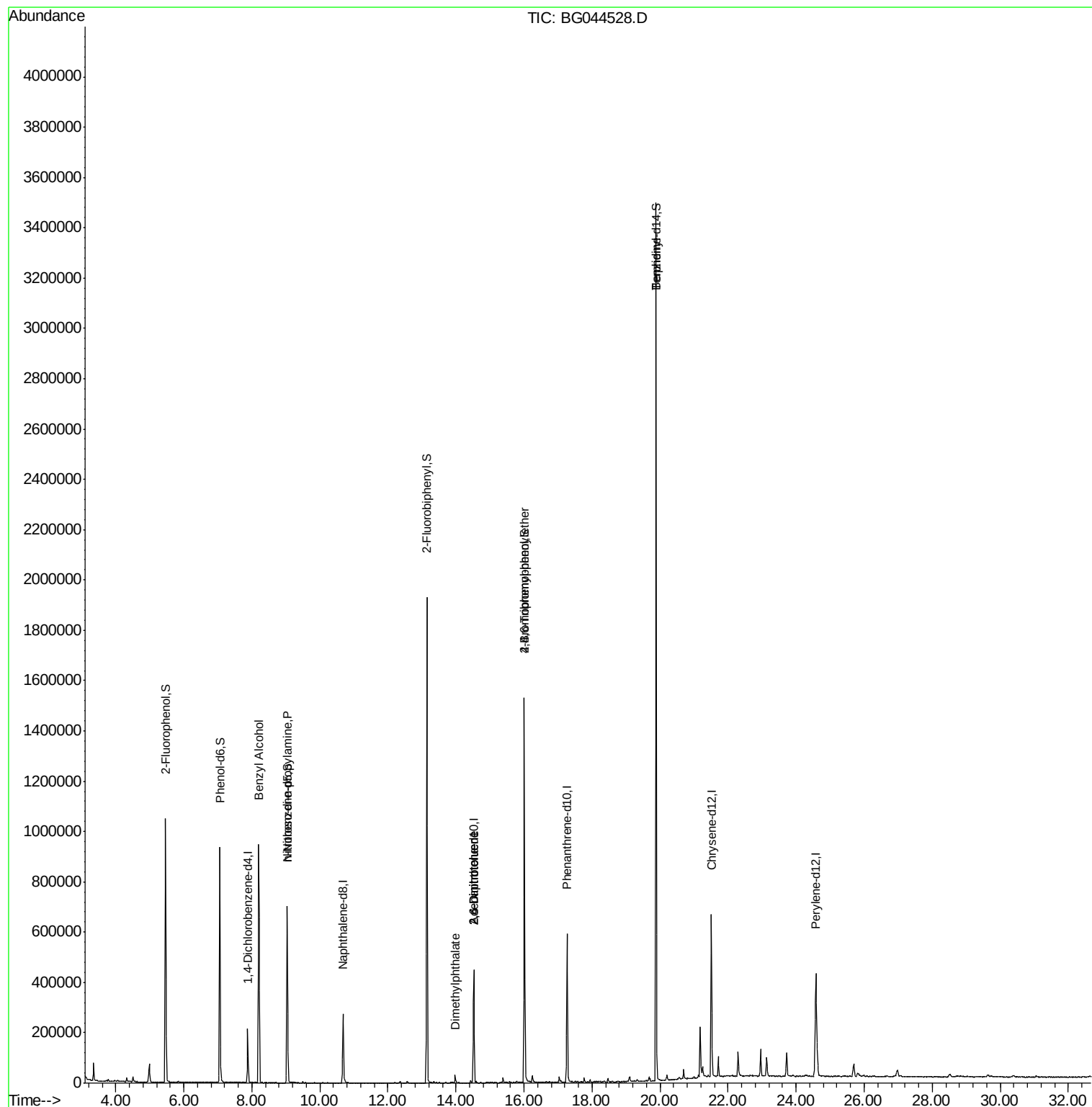
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63019	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	260171	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	172236	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	392657	20.00	ng	-0.02
76) Chrysene-d12	21.50	240	397463	20.00	ng	-0.03
87) Perylene-d12	24.58	264	415740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	529154	148.19	ng	-0.01
7) Phenol-d6	7.06	99	620902	129.49	ng	-0.02
23) Nitrobenzene-d5	9.04	82	462013	100.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	322943	159.72	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	1063870	103.43	ng	-0.02
79) Terphenyl-d14	19.88	244	1766113	91.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.20	79	7314	2.154	ng	# 45
19) n-Nitroso-di-n-propylamine	9.04	70	59048	18.477	ng	# 78
50) Dimethylphthalate	13.98	163	28560	2.307	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	22023	7.978	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	22023	5.692	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	21982	5.138	ng	# 1
77) Benzidine	19.88	184	28578	2.592	ng	# 91

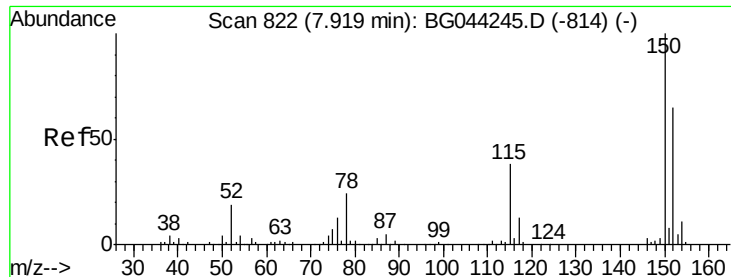
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



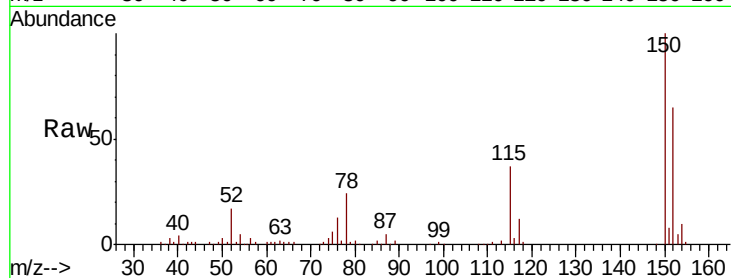


#1

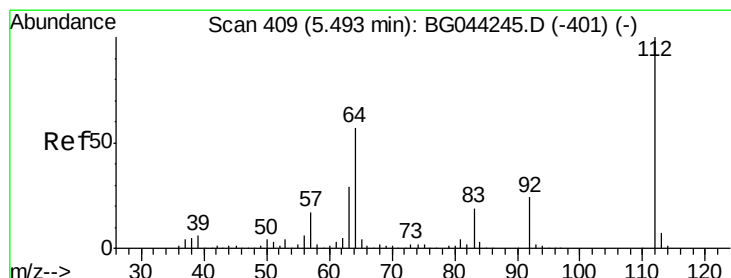
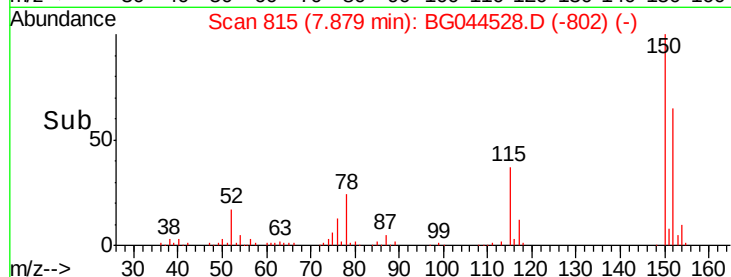
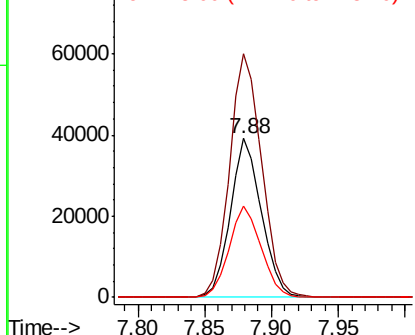
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63019
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 57.6 46.0 69.0



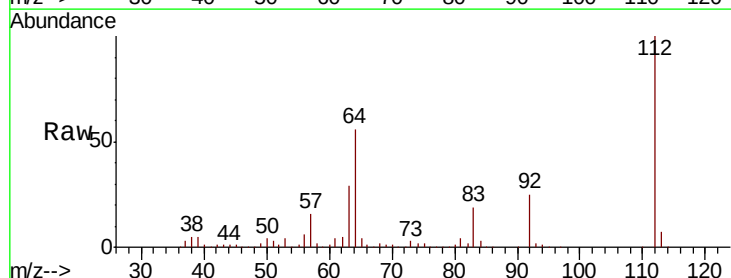
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



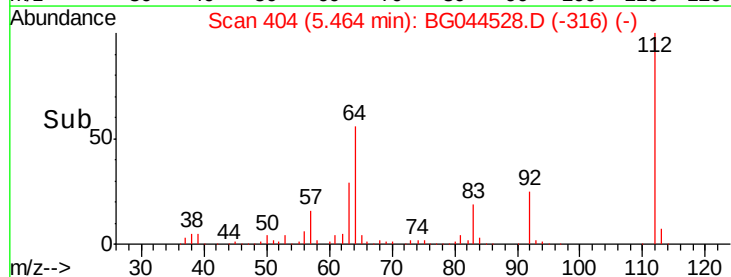
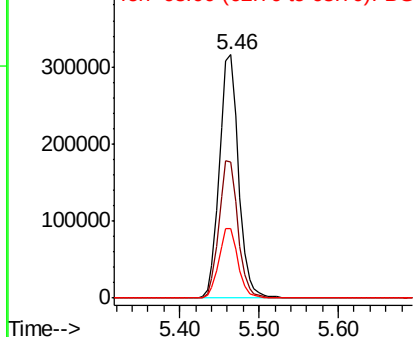
#5

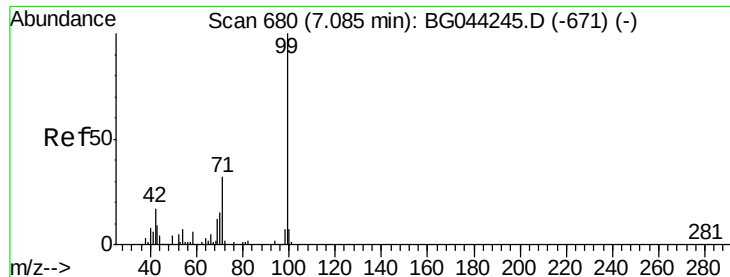
2-Fluorophenol
Concen: 148.189 ng
RT: 5.46 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:112 Resp: 529154
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 28.6 22.9 34.3



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: 129.488 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

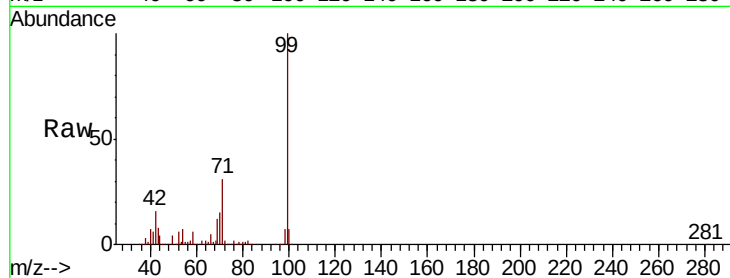
Tot Ion: 99 Resp: 620902

Ion Ratio Lower Upper

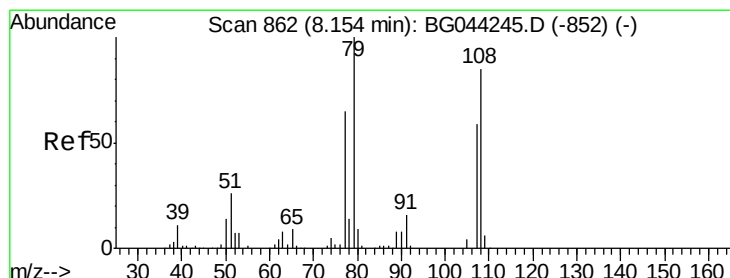
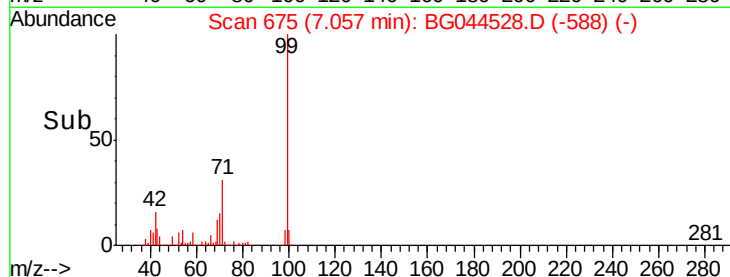
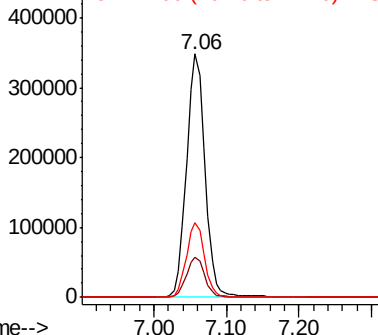
99 100

42 16.3 13.8 20.6

71 30.8 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



#15

Benzyl Alcohol

Concen: 2.154 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.06 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

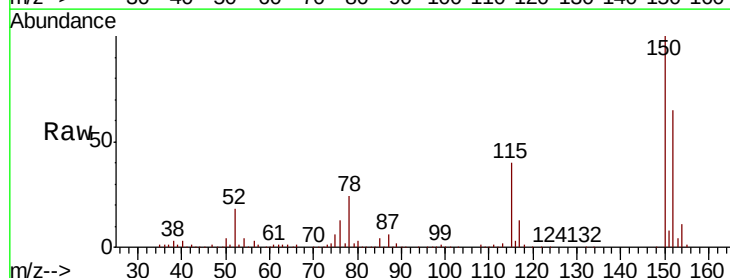
Tgt Ion: 79 Resp: 7314

Ion Ratio Lower Upper

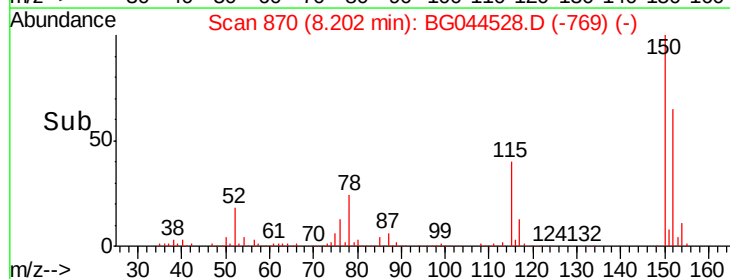
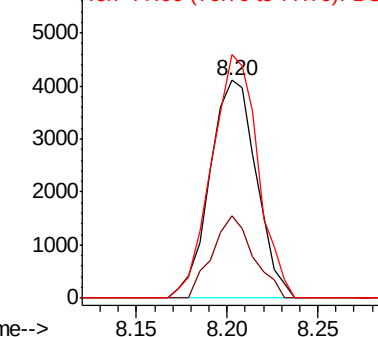
79 100

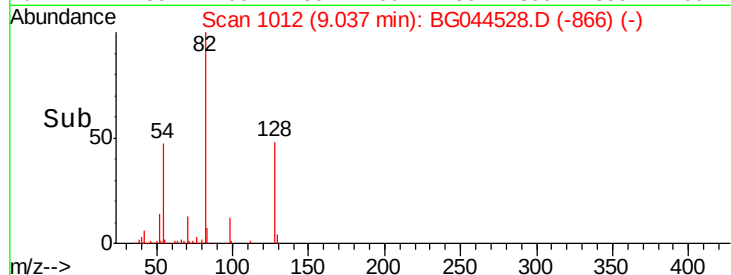
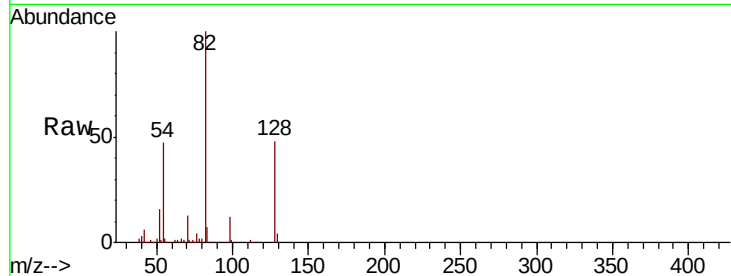
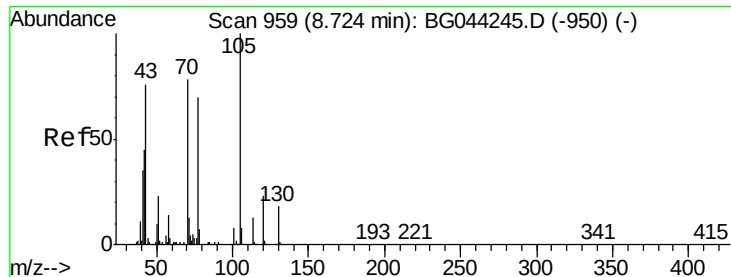
108 37.6 68.3 102.5#

77 111.8 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

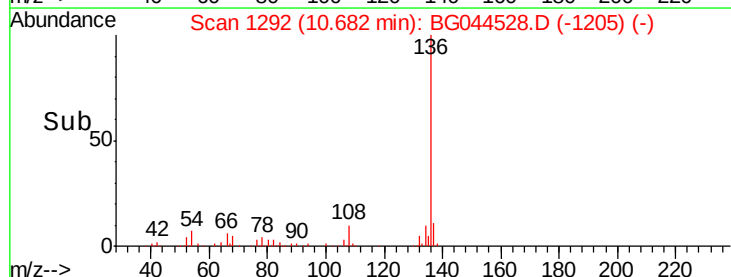
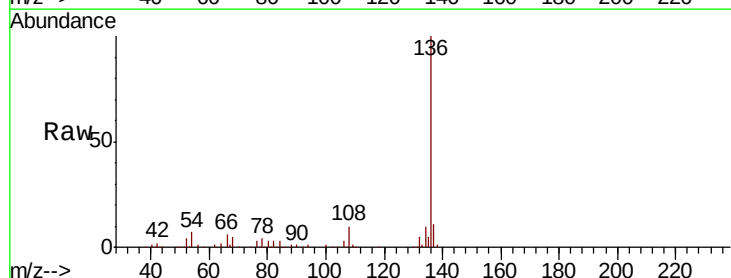
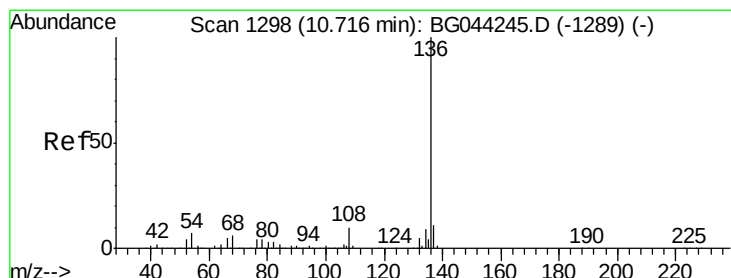
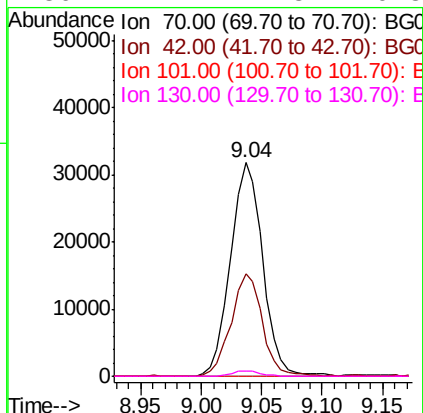




#19
n-Nitroso-di-n-propylamine
Concen: 18.477 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.33 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

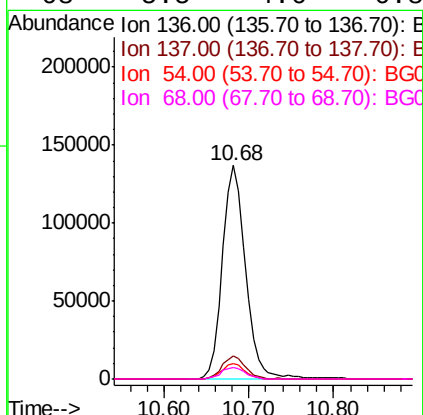
Instrument :
BNA_G
ClientSampled :

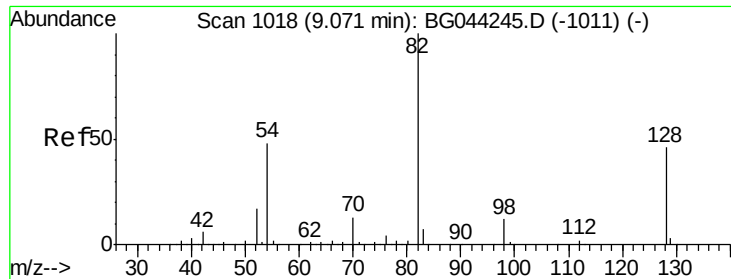
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.7	46.2	69.2
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.8	8.8
68	5.5	4.6	6.8

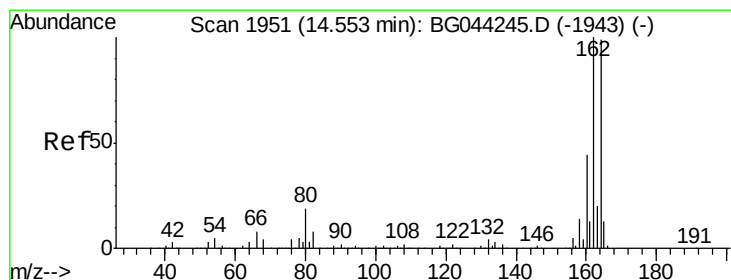
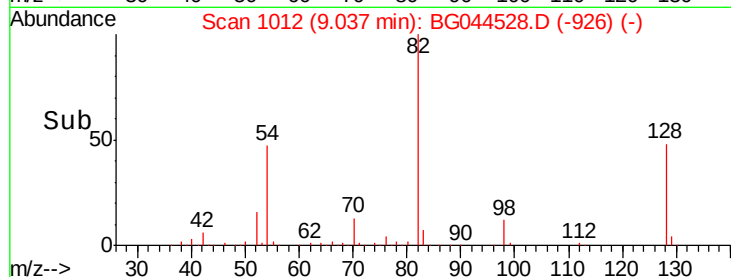
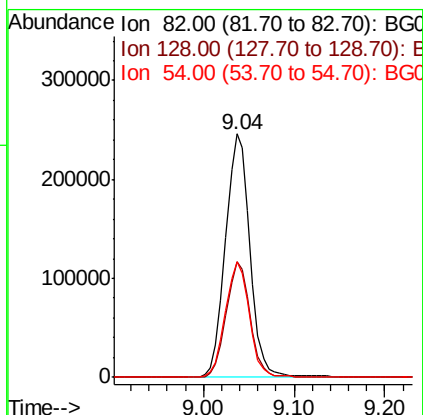
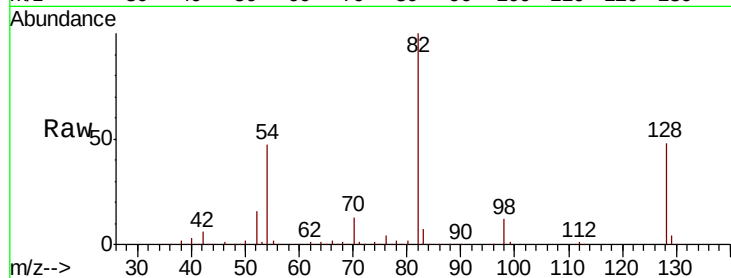




#23
Nitrobenzene-d5
Concen: 100.255 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

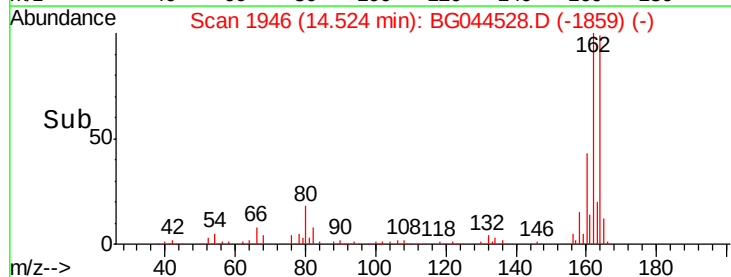
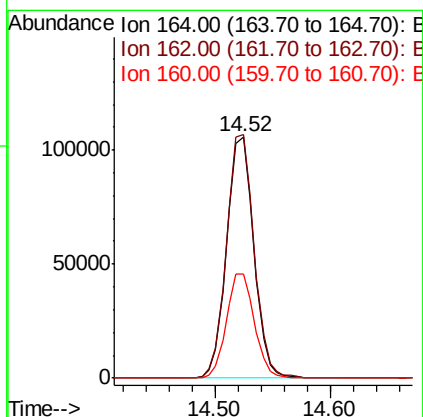
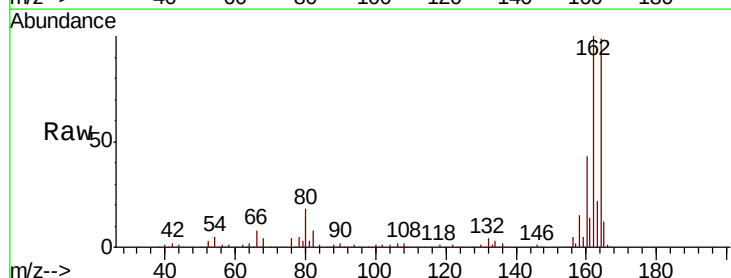
Instrument :
BNA_G
ClientSampleId :

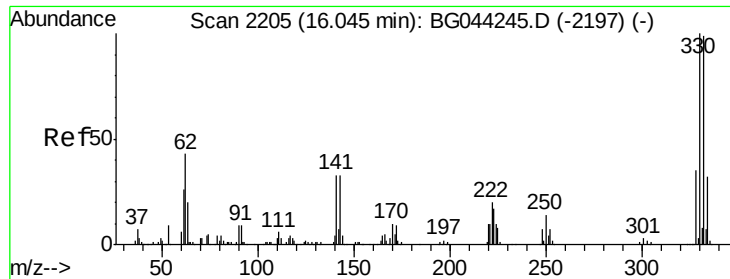
Tot Ion	82	Resp	462013
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	47.6		
54	47.4		
	38.6		
	58.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion	164	Resp	172236
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	100.9		
160	43.0		
	35.3		
	52.9		

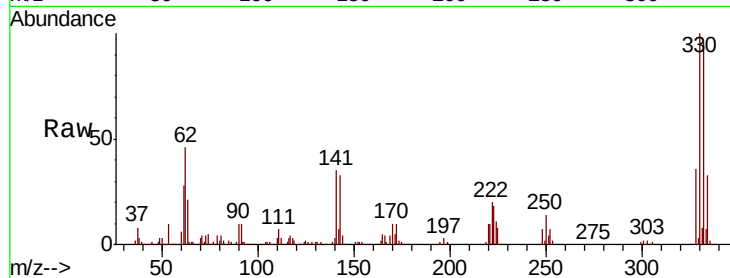




#42
 2,4,6-Tribromophenol
 Concen: 159.718 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	34.6	28.3	42.5

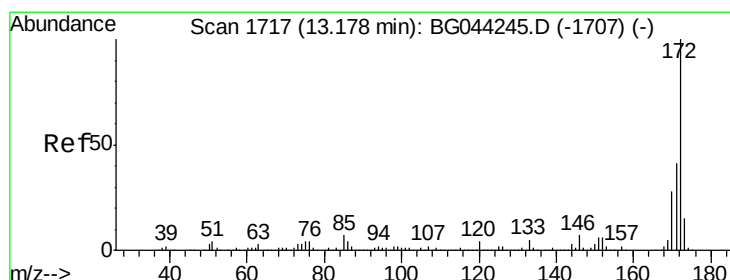
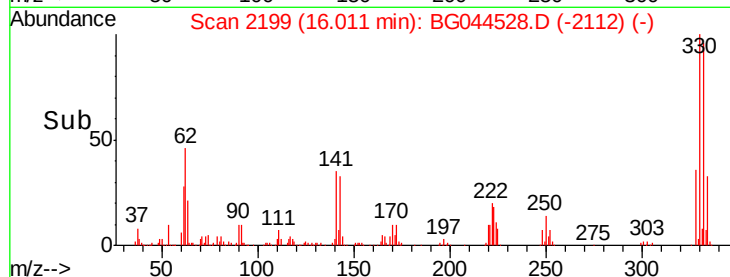
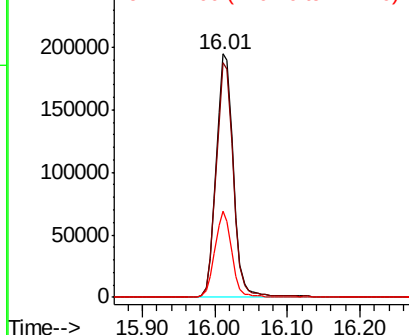


Abundance

Ion 329.80 (329.50 to 330.50): E

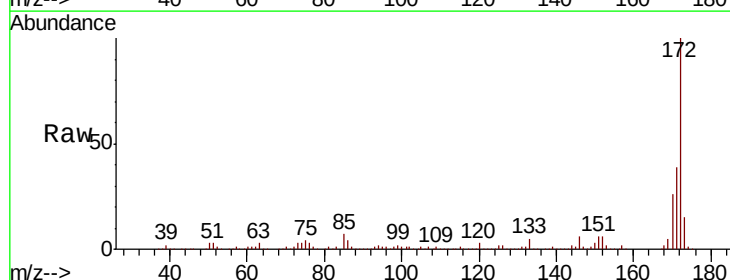
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.434 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.9	49.3
170	25.5	22.0	33.0

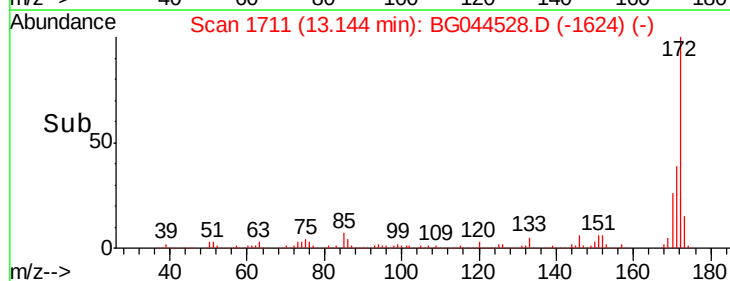
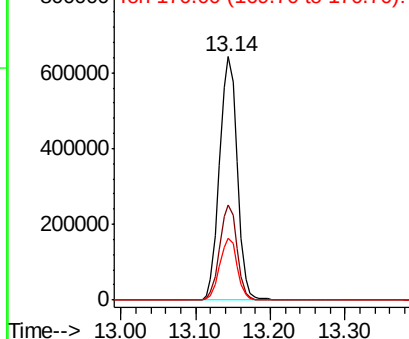


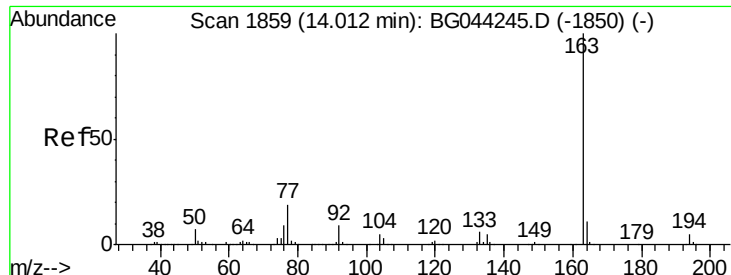
Abundance

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





#50

Dimethylphthalate

Concen: 2.307 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

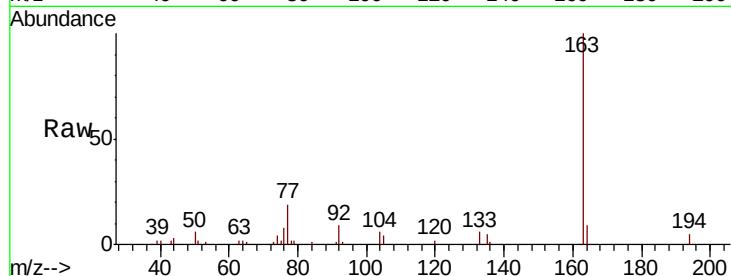
Tot Ion:163 Resp: 28560

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

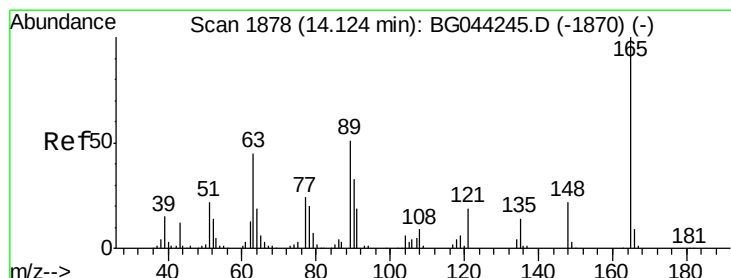
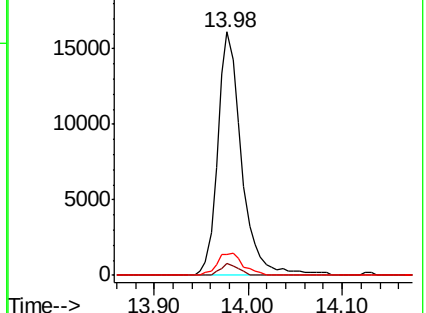
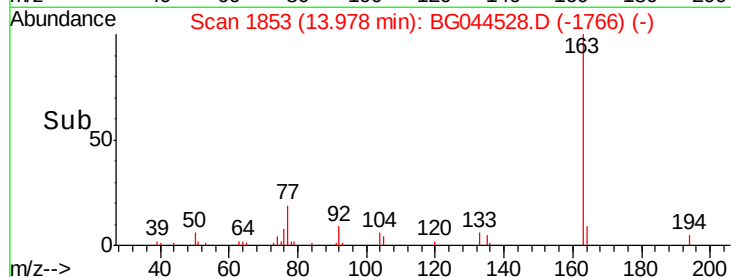
164 8.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.978 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.40 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

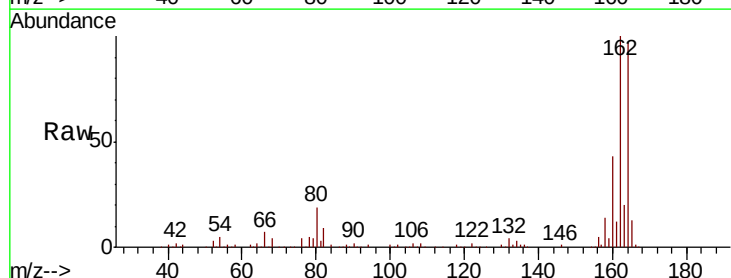
Tgt Ion:165 Resp: 22023

Ion Ratio Lower Upper

165 100

63 1.2 38.7 58.1#

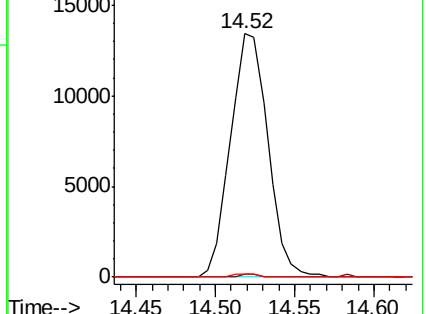
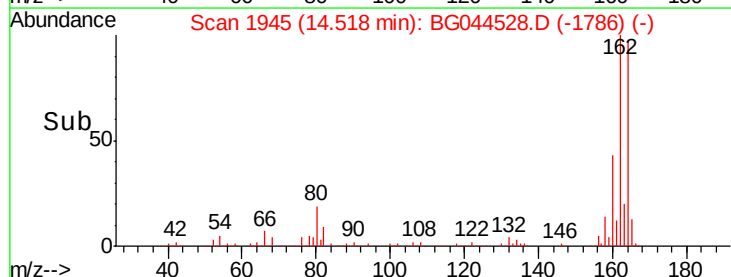
89 1.3 40.4 60.6#

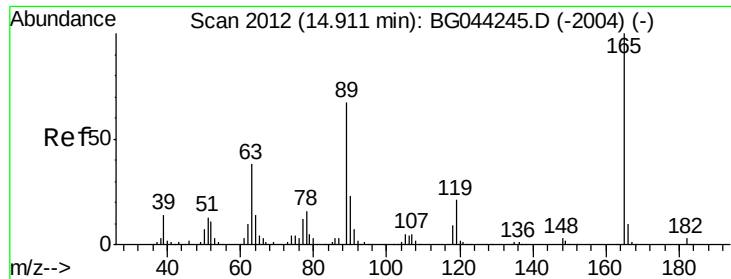


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

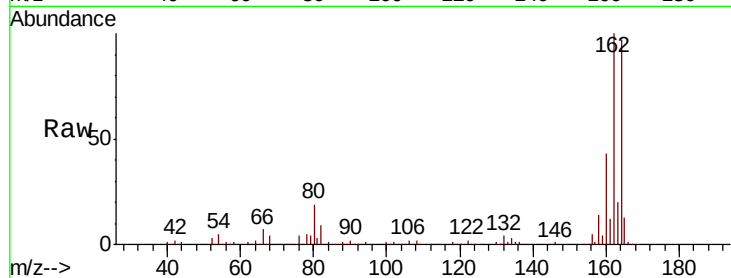




#57
 2,4-Dinitrotoluene
 Concen: 5.692 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.38 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.3	53.4	80.2#
182	0.0	2.1	3.1#



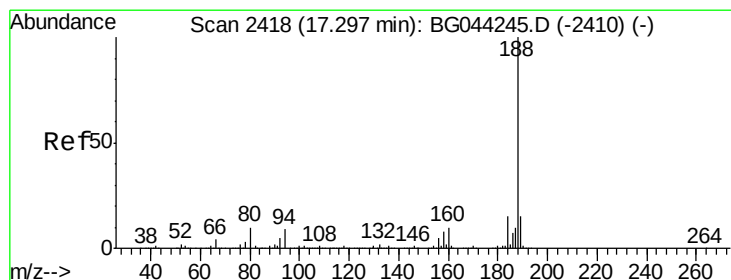
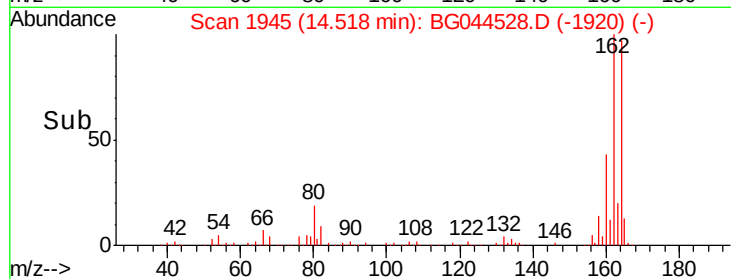
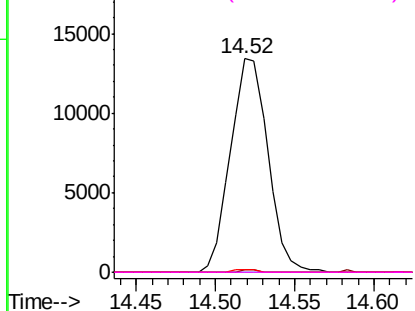
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

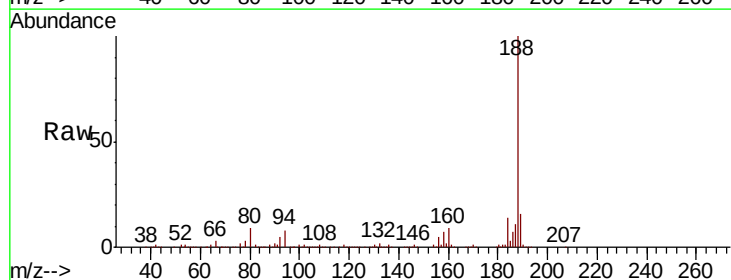
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	9.0	7.7	11.5

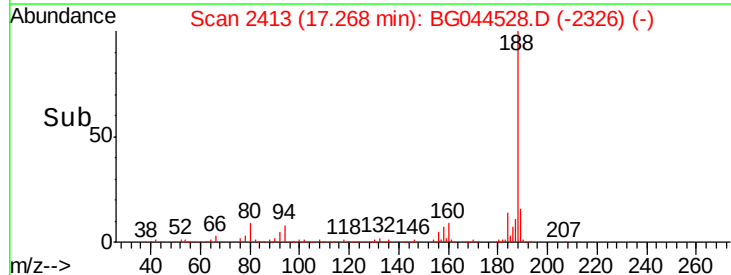
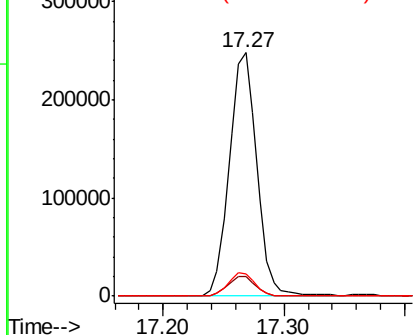


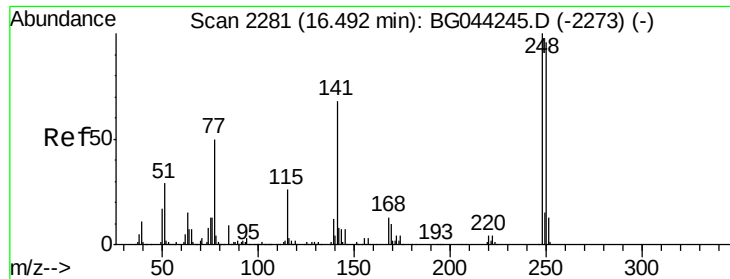
Abundance

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

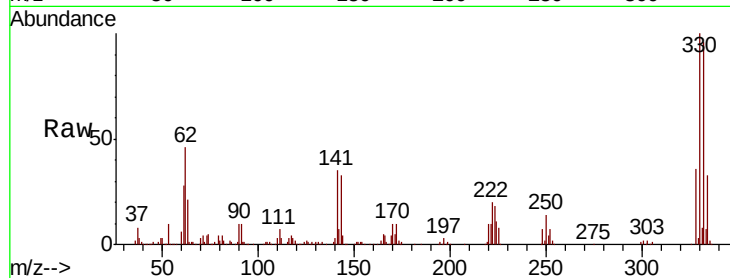




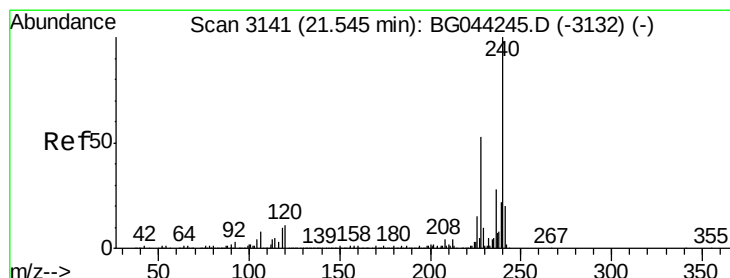
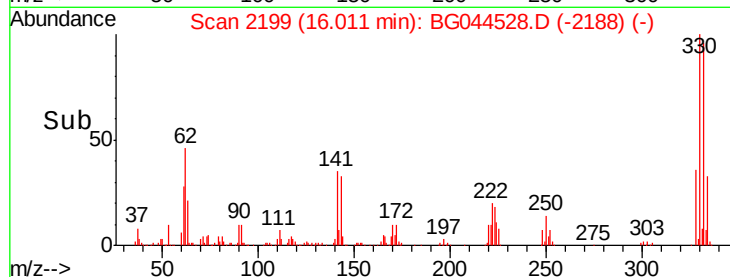
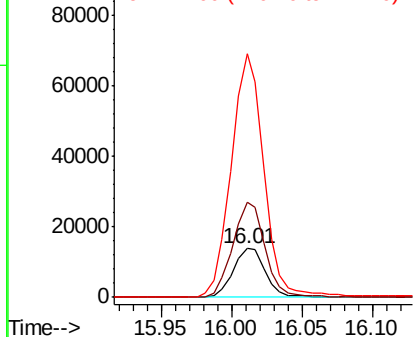
#67
4-Bromophenyl-phenylether
Concen: 5.138 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.47 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21982
Ion Ratio Lower Upper
248 100
250 194.8 76.6 114.8#
141 500.5 54.7 82.1#

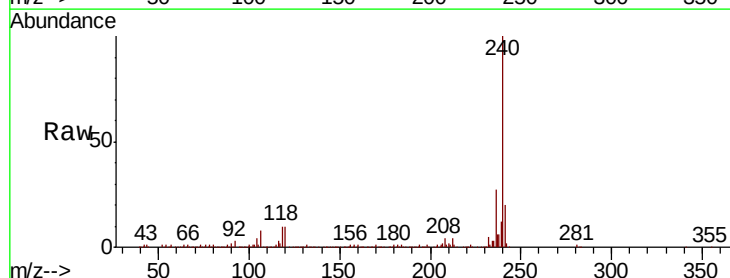


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

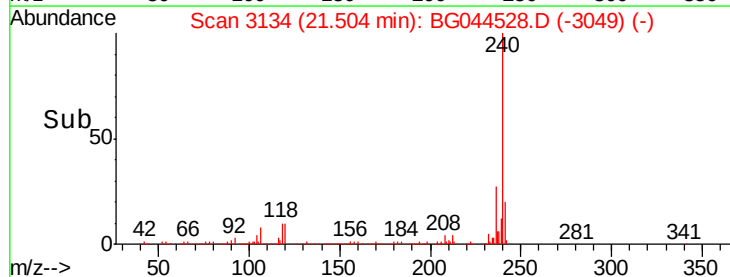
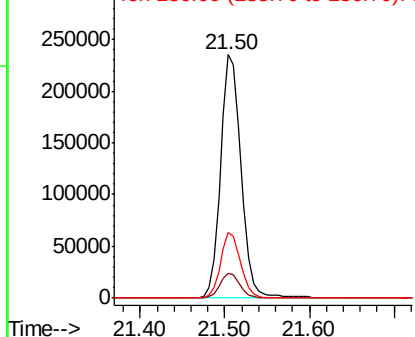


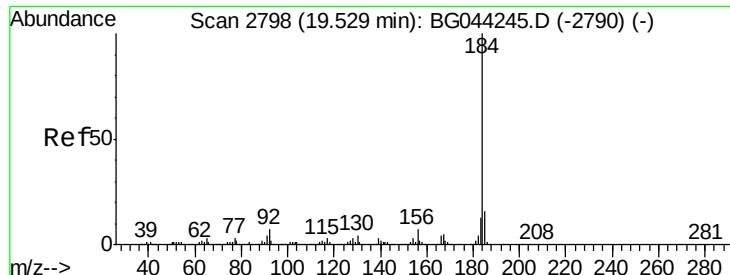
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:240 Resp: 397463
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.8 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





#77

Benzidine

Concen: 2.592 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

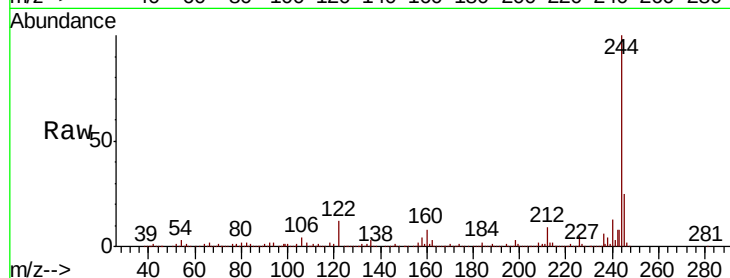
Tot Ion:184 Resp: 28578

Ion Ratio Lower Upper

184 100

185 15.2 12.9 19.3

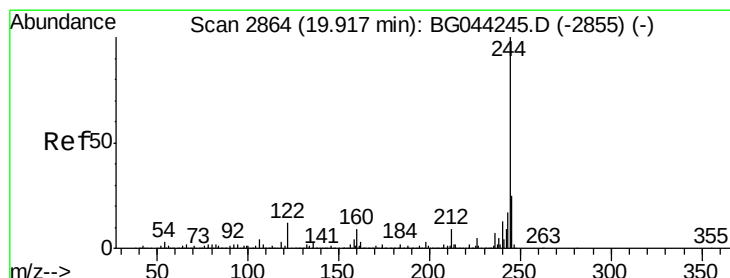
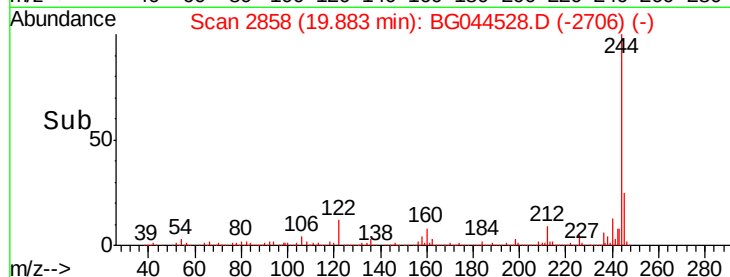
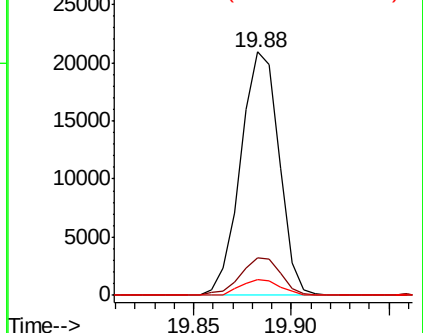
183 6.3 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 91.396 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044528.D

Acq: 20 Feb 2020 19:55

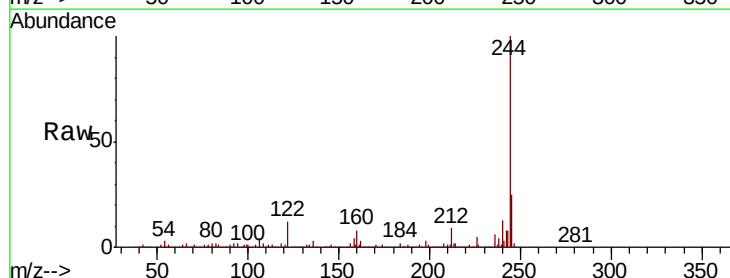
Tgt Ion:244 Resp: 1766113

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

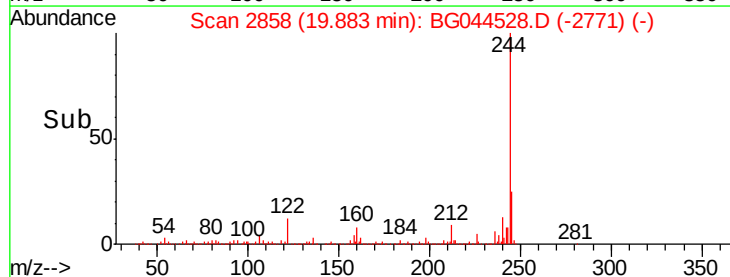
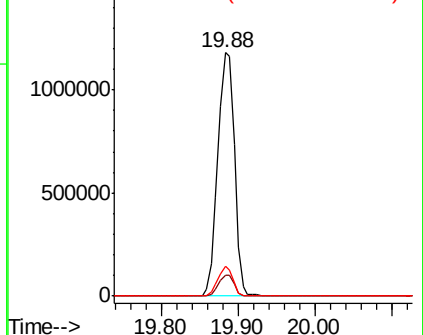
122 12.1 9.8 14.6

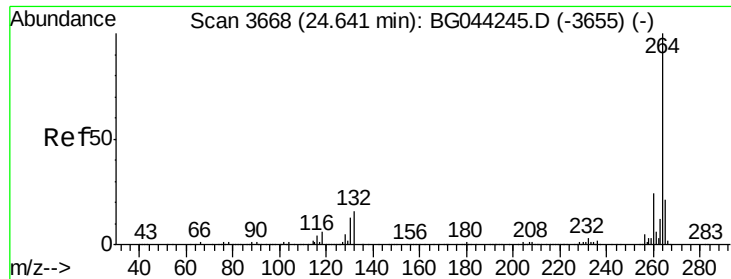


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3657
 Delta R.T. -0.04 min
 Lab File: BG044528.D
 Acq: 20 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	415740
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.3	16.7	25.1

