

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045789.D
 Acq On : 17 Jun 2020 14:03
 Operator : CG/JU
 Sample : L3017-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG1

Quant Time: Jun 17 14:40:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

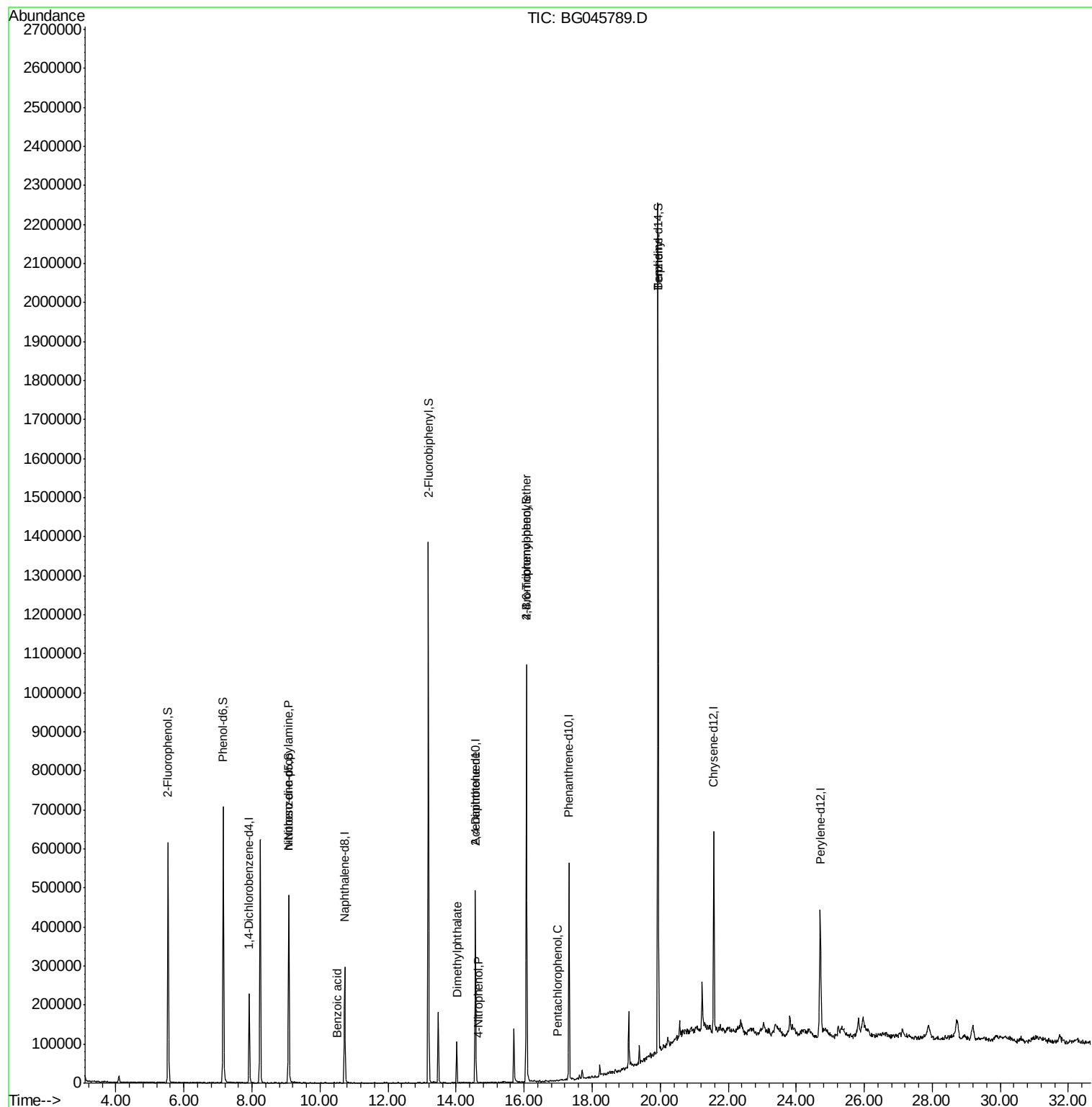
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66409	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	265915	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	182358	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	369987	20.00	ng	0.00
76) Chrysene-d12	21.57	240	324752	20.00	ng	0.00
86) Perylene-d12	24.71	264	352123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	303253	77.14	ng	0.00
7) Phenol-d6	7.16	99	475017	79.44	ng	0.00
23) Nitrobenzene-d5	9.08	82	343301	58.98	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	224669	81.60	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	768686	61.95	ng	0.00
79) Terphenyl-d14	19.94	244	1067305	66.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.09	70	46413	11.806	ng	# 77
32) Benzoic acid	10.50	122	60	8.997	ng	# 1
50) Dimethylphthalate	14.02	163	72604	5.082	ng	# 97
56) 4-Nitrophenol	14.65	139	61	3.998	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	23620	5.138	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	14853	3.090	ng	# 1
70) Pentachlorophenol	16.99	266	55	7.653	ng	# 17
77) Benzidine	19.94	184	19724	2.336	ng	# 86

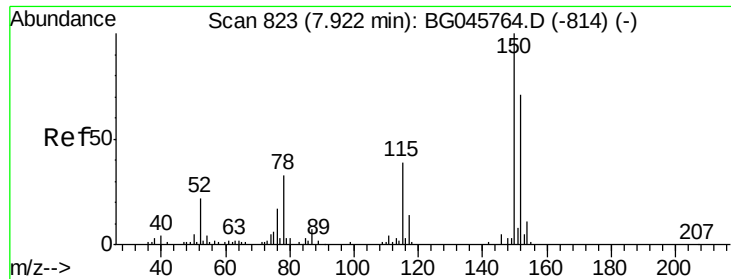
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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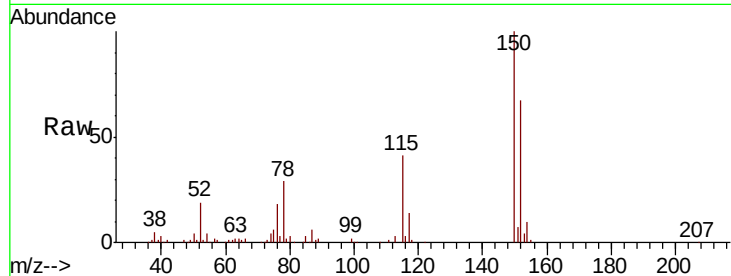


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Instrument :
BNA_G
ClientSampleId :
SG1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	113.1	169.7
115	61.5	43.8	65.6

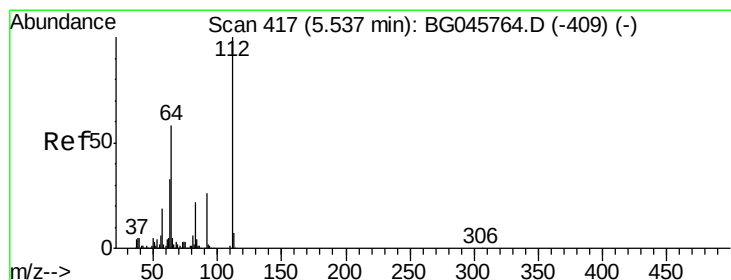
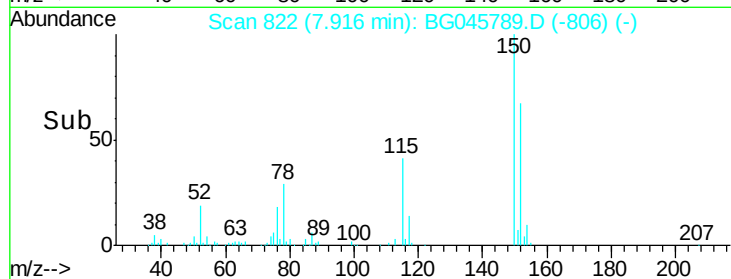
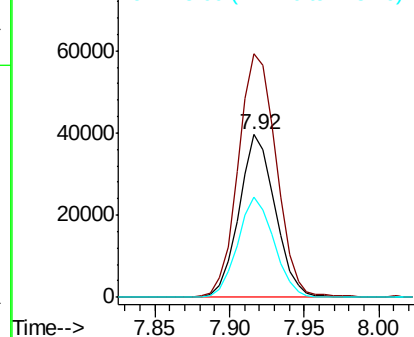


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

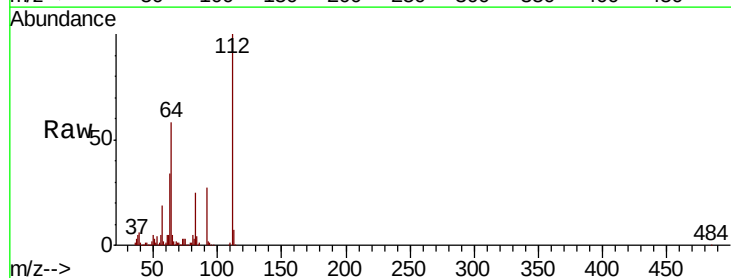
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.138 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	69.8
63	33.7	26.3	39.5

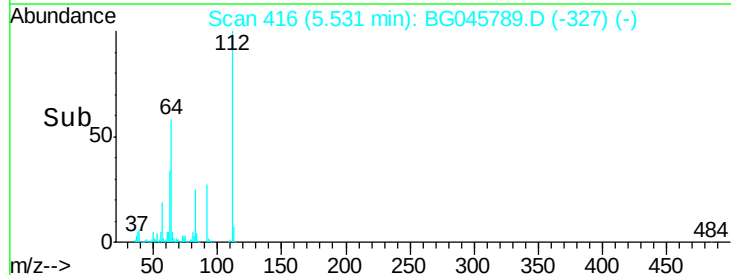
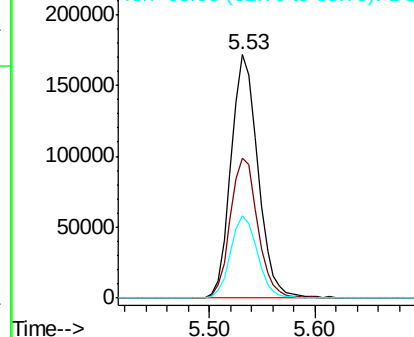


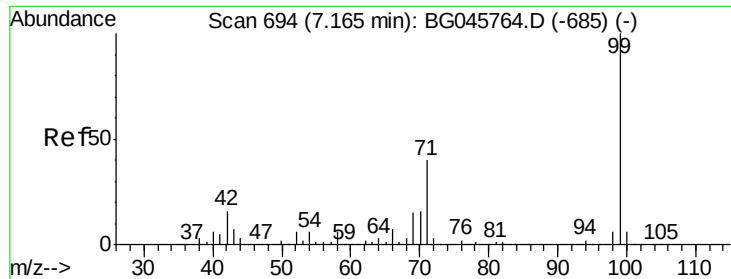
Abundance

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: 79.436 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampleId :

SG1

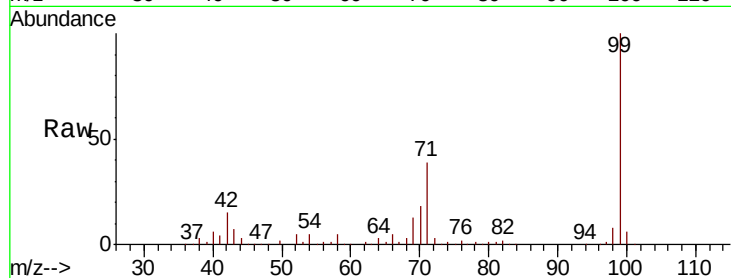
Tot Ion: 99 Resp: 475017

Ion Ratio Lower Upper

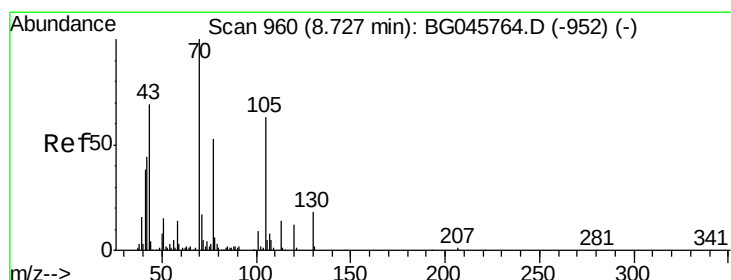
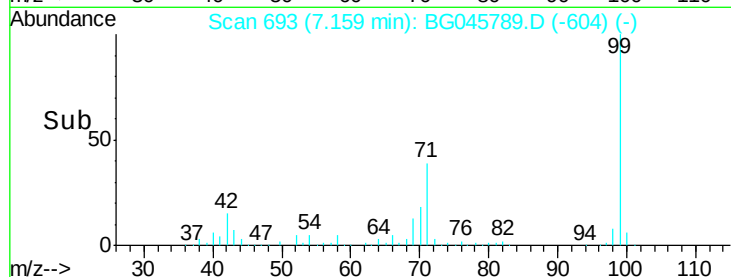
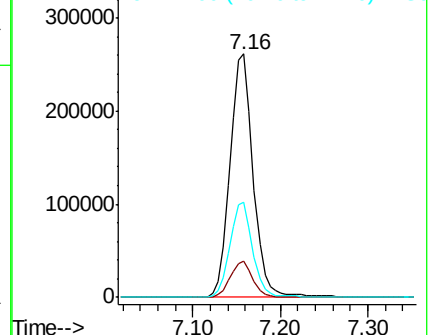
99 100

42 14.9 12.4 18.6

71 38.9 32.1 48.1



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: 11.806 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Tgt Ion: 70 Resp: 46413

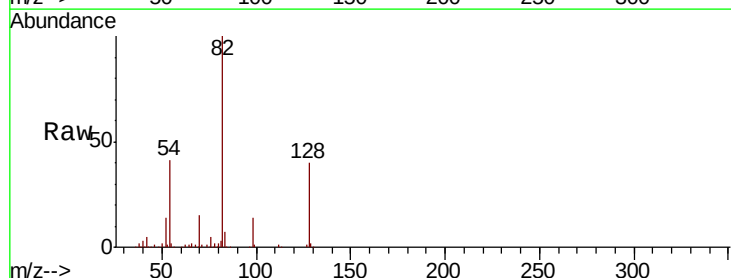
Ion Ratio Lower Upper

70 100

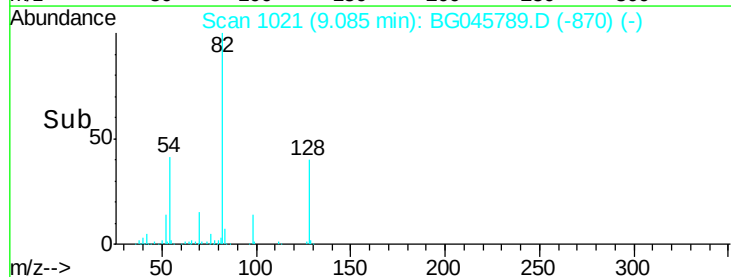
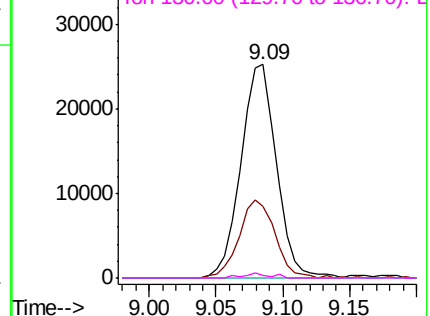
42 33.6 35.1 52.7#

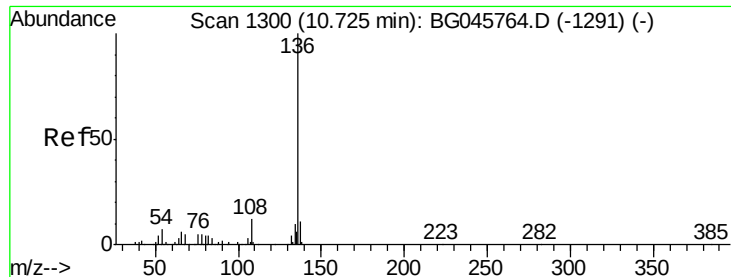
101 0.0 7.4 11.0#

130 1.5 14.6 21.8#



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

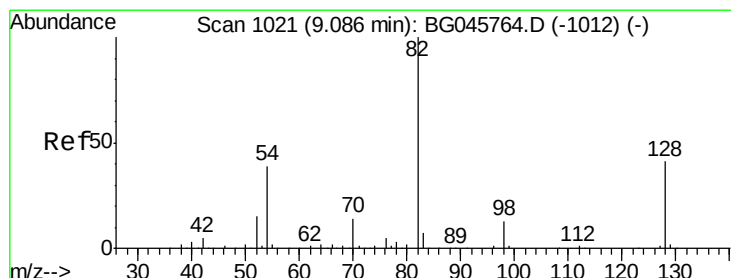
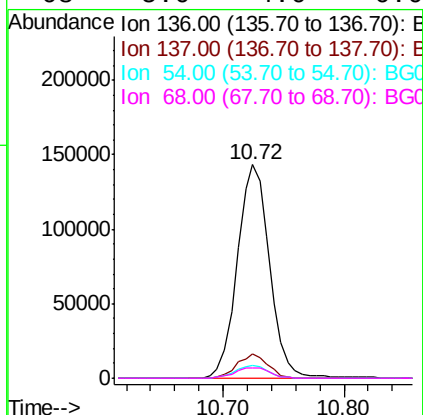
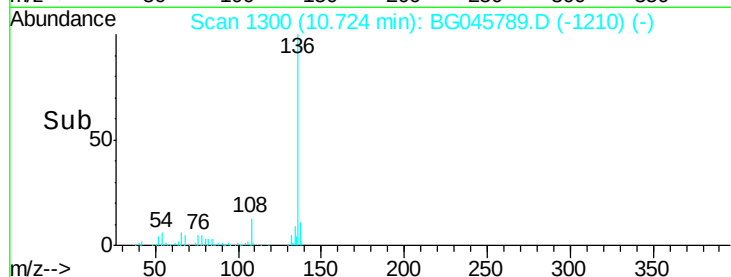
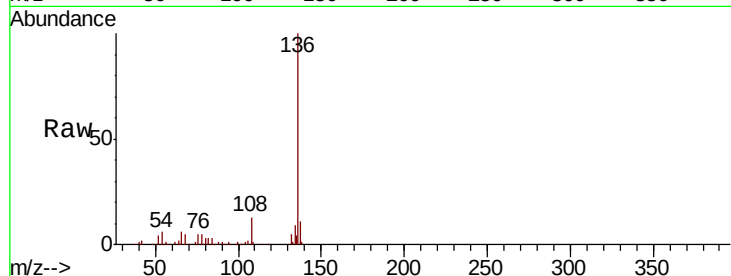




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

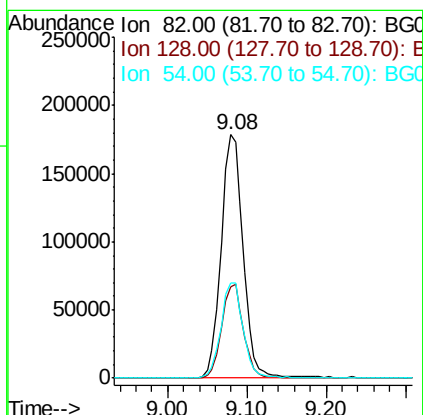
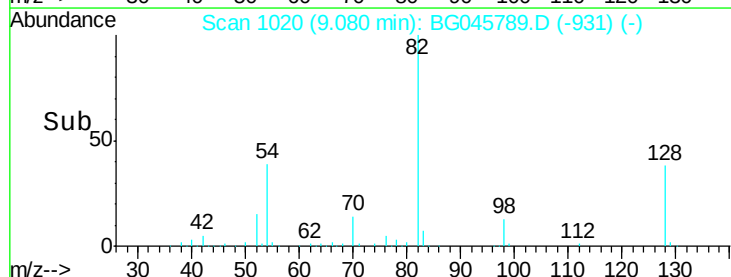
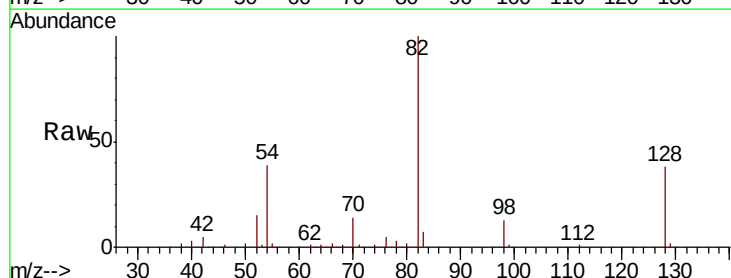
Instrument :
BNA_G
ClientSampleId :
SG1

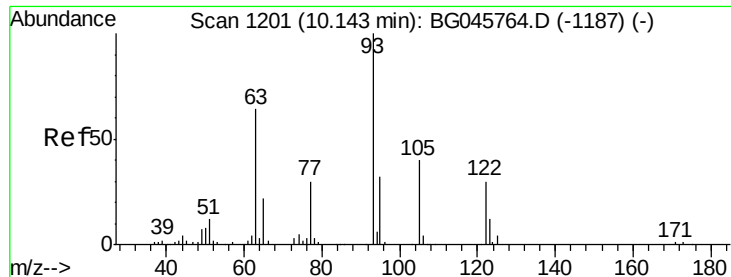
Tot Ion:136	Resp:	265915	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 6.1	5.8	8.6	
68 5.0	4.0	6.0	



#23
Nitrobenzene-d5
Concen: 58.978 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion: 82	Resp: 343301
Ion Ratio	Lower Upper
82 100	
128 37.8	32.5 48.7
54 39.1	31.2 46.8

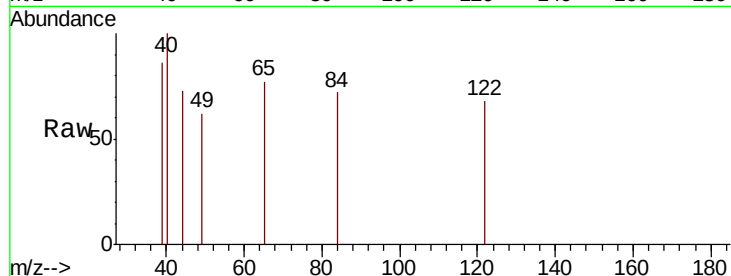




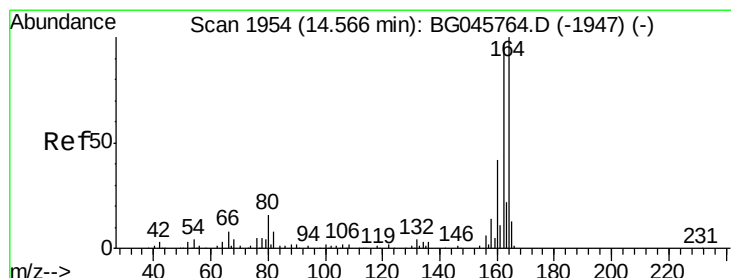
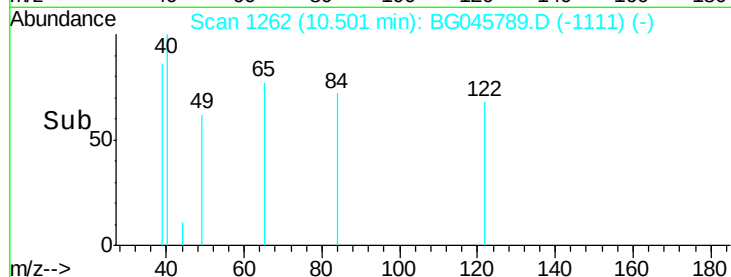
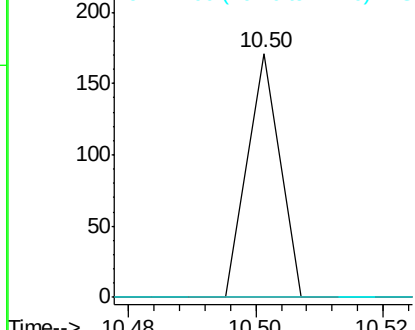
#32
Benzoic acid
Concen: 8.997 ng
RT: 10.50 min Scan# 1262
Delta R.T. 0.36 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Instrument :
BNA_G
ClientSampleId :
SG1

Tot Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 112.9 152.9#
77 0.0 79.2 119.2#

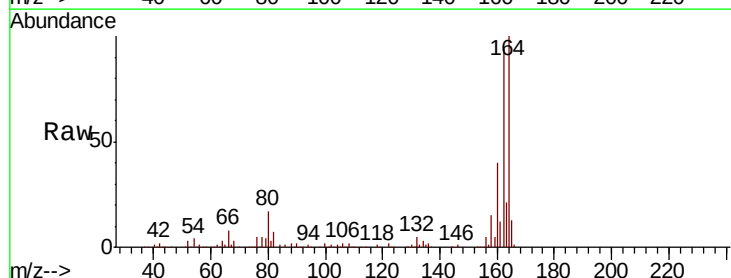


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

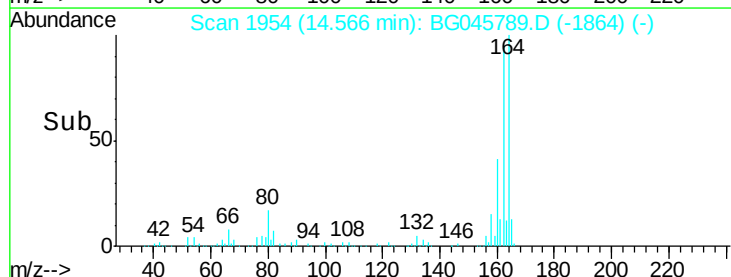
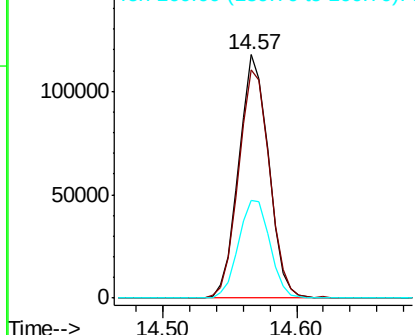


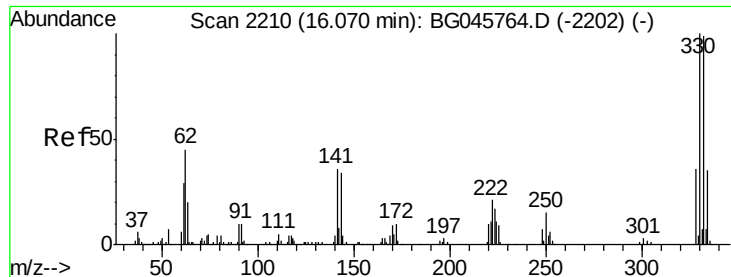
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion:164 Resp: 182358
Ion Ratio Lower Upper
164 100
162 93.8 77.4 116.0
160 40.3 33.3 49.9



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

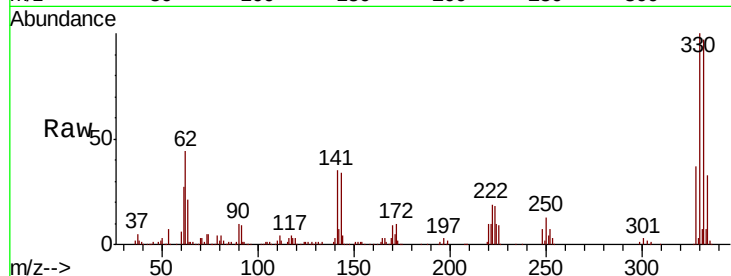




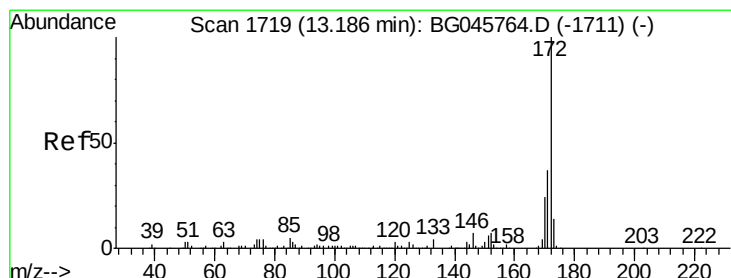
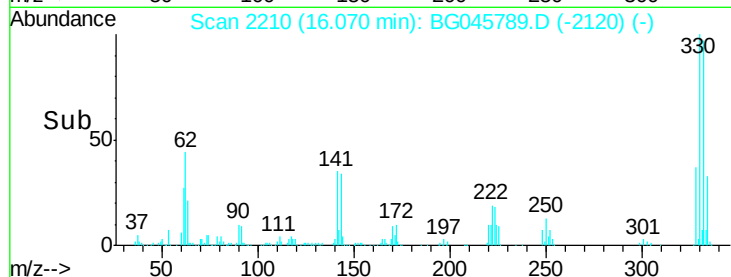
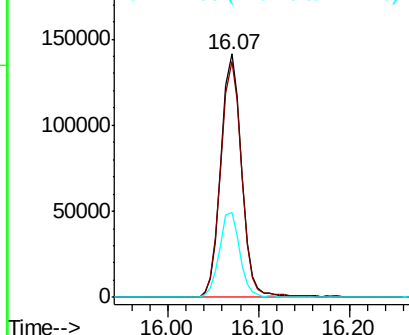
#42
 2,4,6-Tribromophenol
 Concen: 81.605 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG045789.D
 Acq: 17 Jun 2020 14:03

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	34.6	28.2	42.4

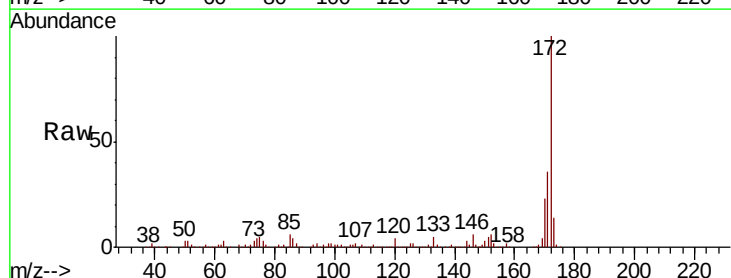


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

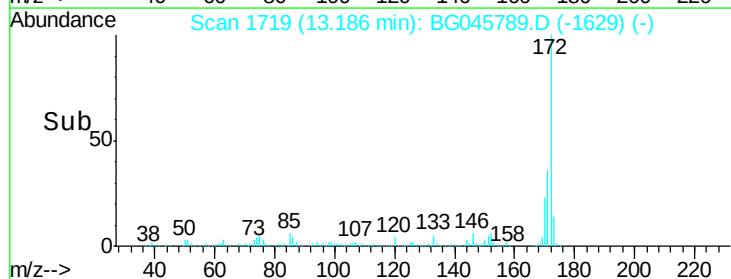
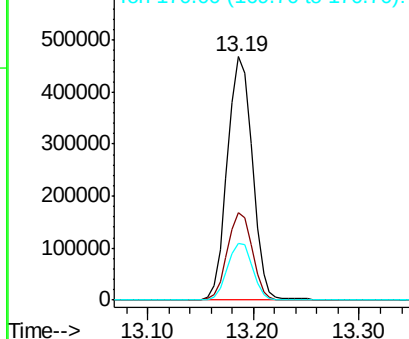


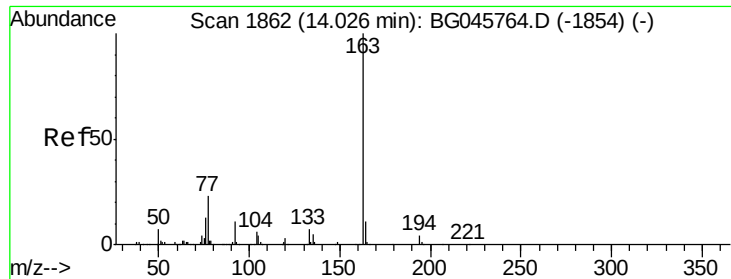
#45
 2-Fluorobiphenyl
 Concen: 61.946 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045789.D
 Acq: 17 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	23.3	19.3	28.9



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

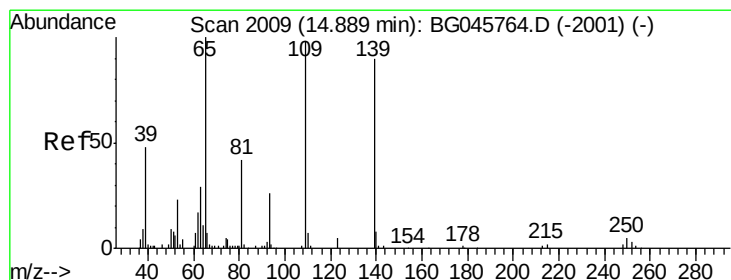
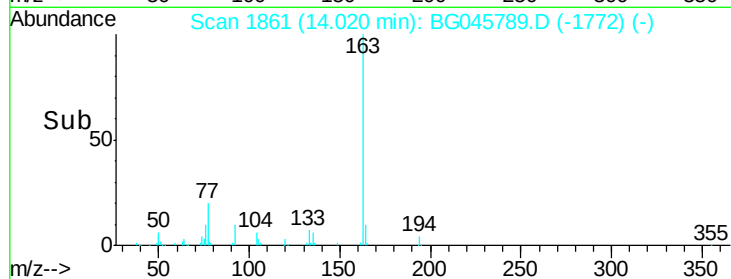
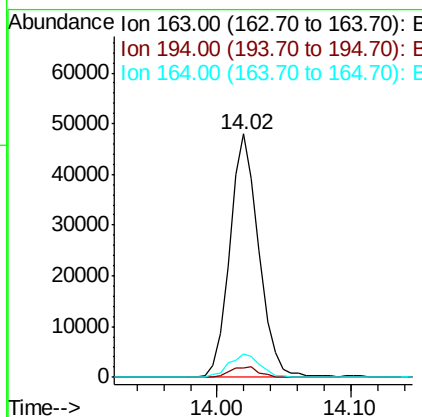
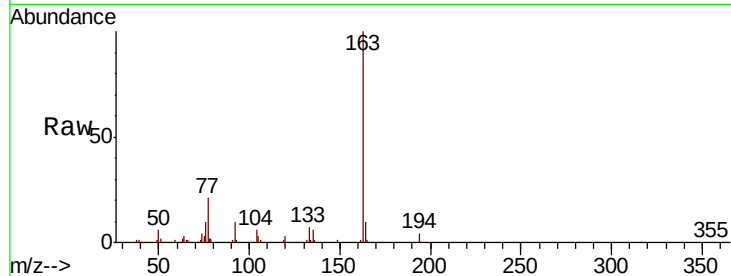




#50
Dimethylphthalate
Concen: 5.082 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

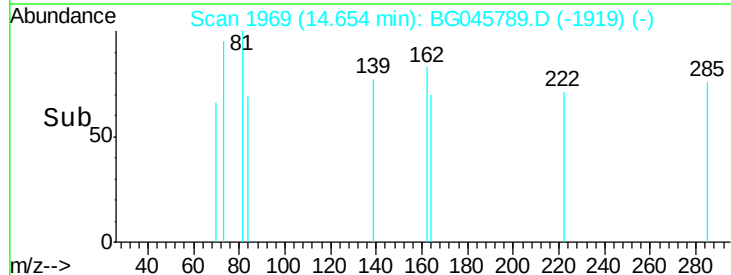
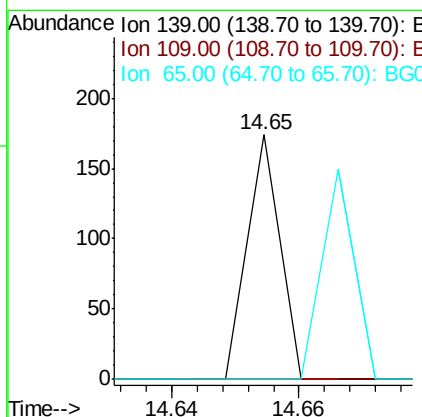
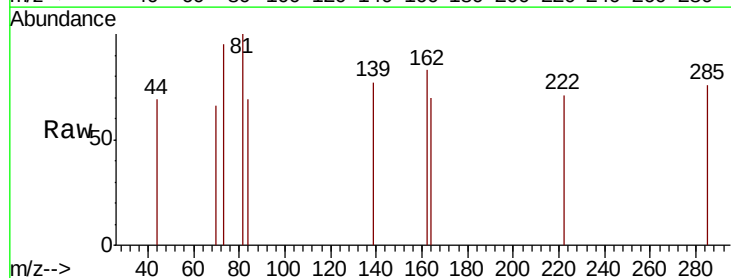
Instrument :
BNA_G
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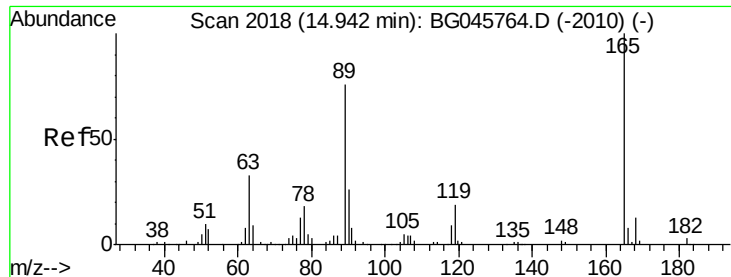
Tot Ion	163	Resp	72604
Ion Ratio	100		
Lower	3.4		
Upper	5.0		
194	3.7		
164	9.6		
	8.9		
	13.3		



#56
4-Nitrophenol
Concen: 3.998 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.23 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion	139	Resp	61
Ion Ratio	100		
Lower	88.9		
Upper	128.9#		
109	0.0		
65	0.0		
	92.3		
	132.3#		

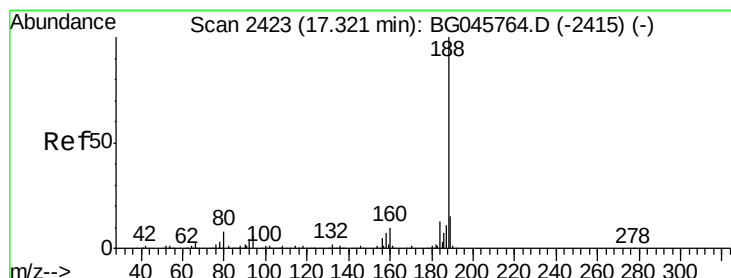
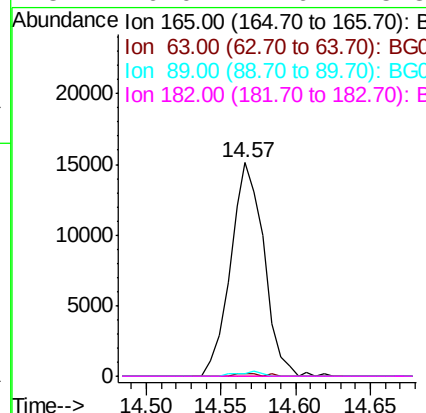
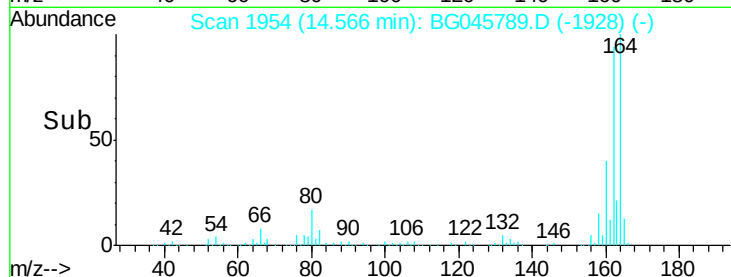
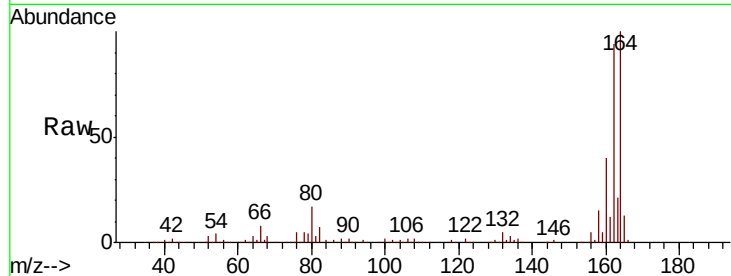




#57
 2,4-Dinitrotoluene
 Concen: 5.138 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG045789.D
 Acq: 17 Jun 2020 14:03

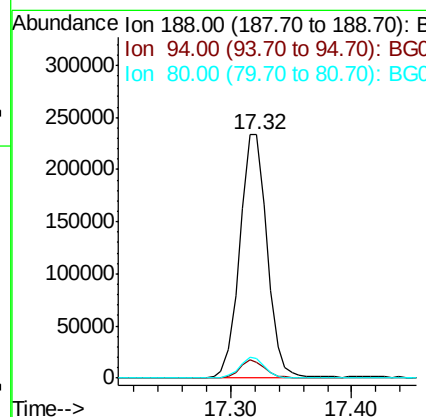
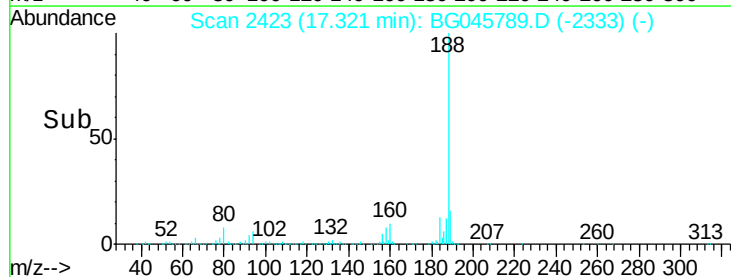
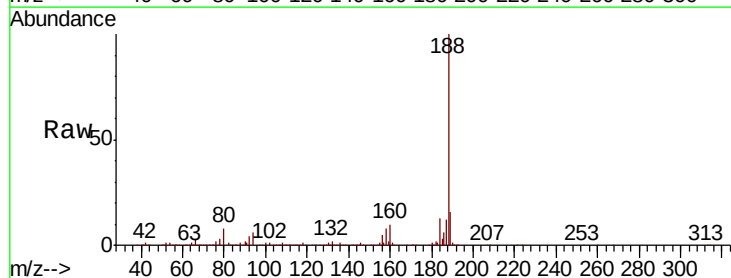
Instrument :
 BNA_G
 ClientSampleId :
 SG1

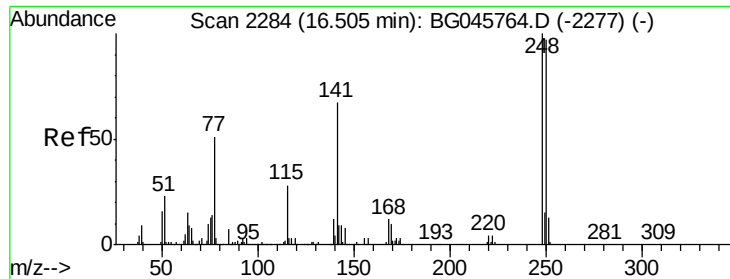
Tot Ion:165	Resp:	23620	
Ion Ratio	Lower	Upper	
165 100			
63 1.3	33.8	50.8#	
89 1.1	60.4	90.6#	
182 0.0	2.6	3.8#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG045789.D
 Acq: 17 Jun 2020 14:03

Tgt Ion:188	Resp: 369987
Ion Ratio	Lower Upper
188 100	
94 6.5	5.1 7.7
80 7.8	6.2 9.4

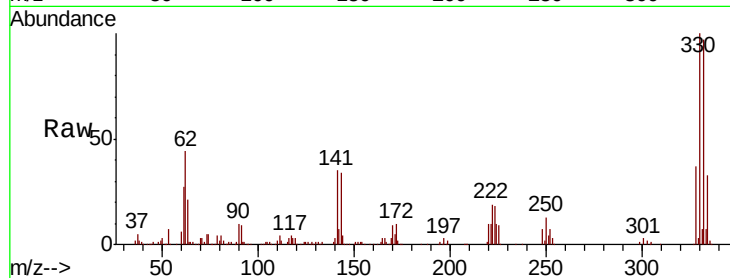




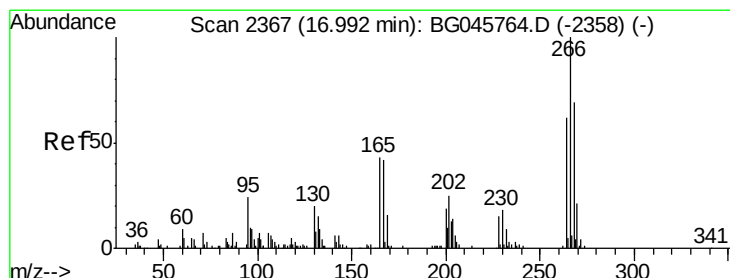
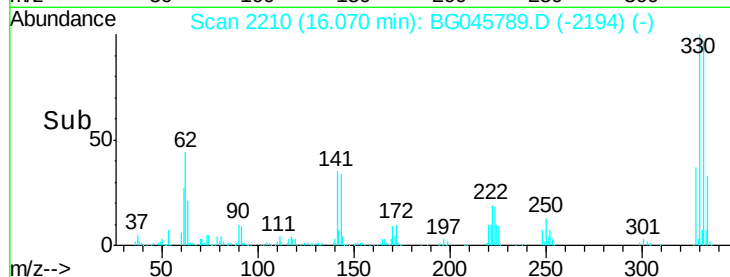
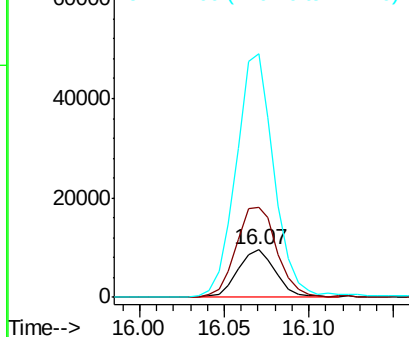
#67
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.43 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Instrument :
BNA_G
ClientSampleId :
SG1

Tot Ion:248 Resp: 14853
Ion Ratio Lower Upper
248 100
250 189.6 78.0 117.0#
141 515.3 53.9 80.9#

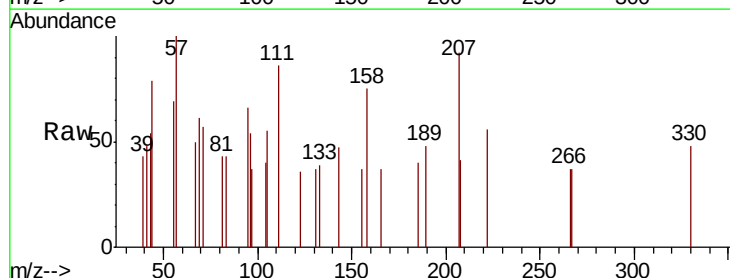


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

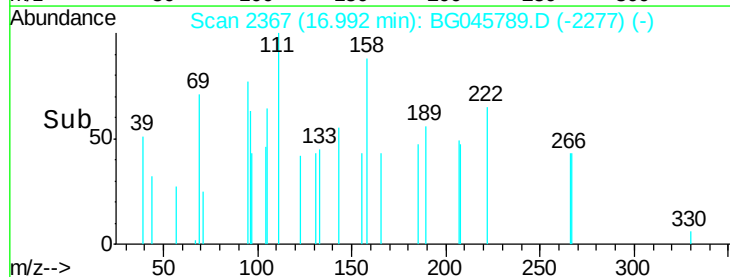
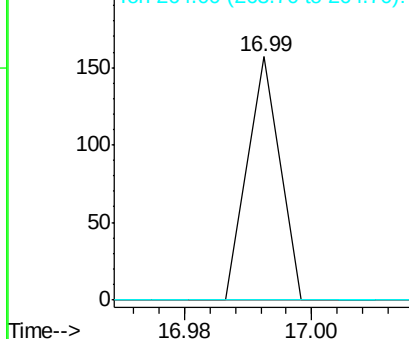


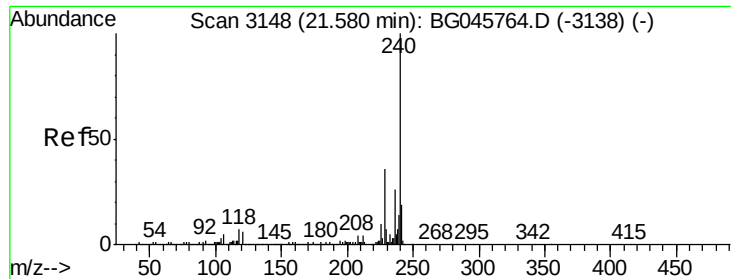
#70
Pentachlorophenol
Concen: 7.653 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 55.4 83.0#
264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampled :

SG1

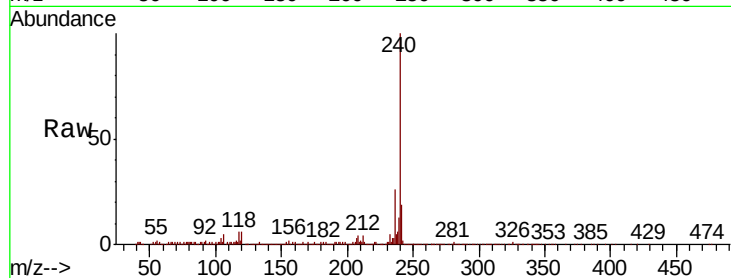
Tot Ion:240 Resp: 324752

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

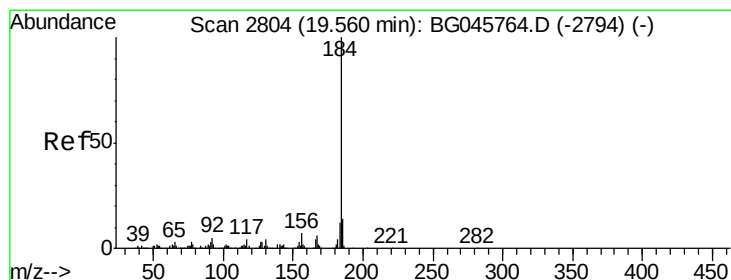
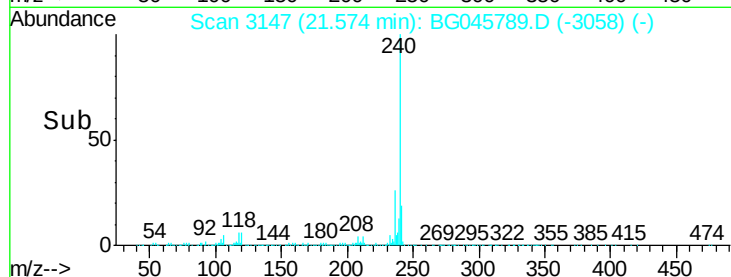
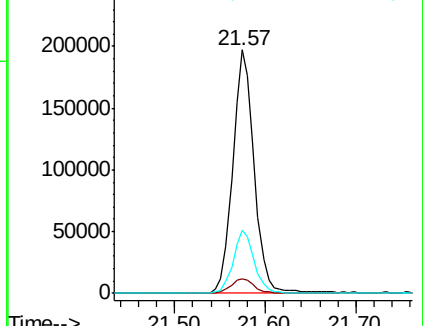
236 26.0 20.6 30.8



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: 2.336 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

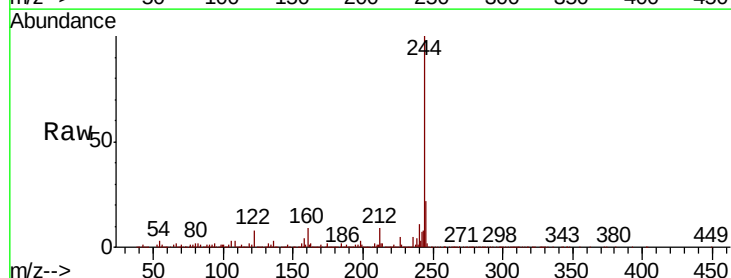
Tgt Ion:184 Resp: 19724

Ion Ratio Lower Upper

184 100

185 19.5 11.1 16.7#

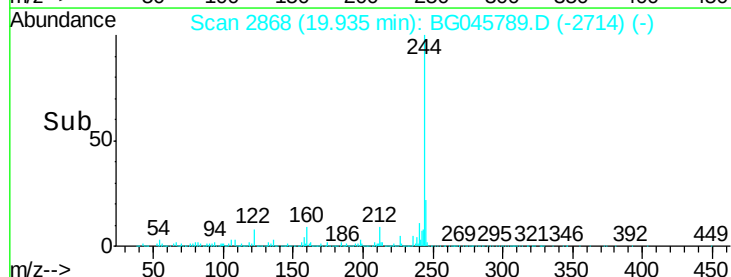
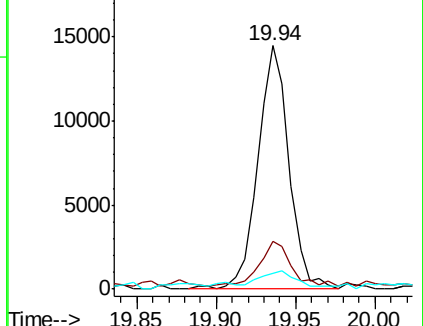
183 6.4 9.7 14.5#

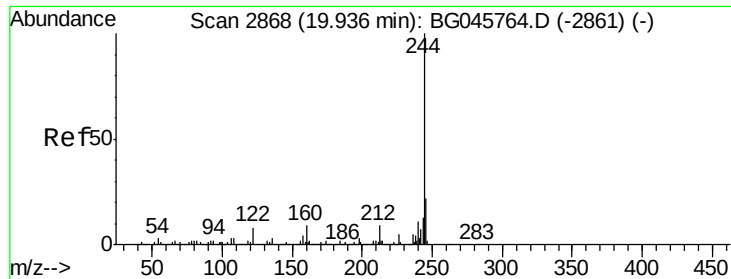


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 66.605 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampleId :

SG1

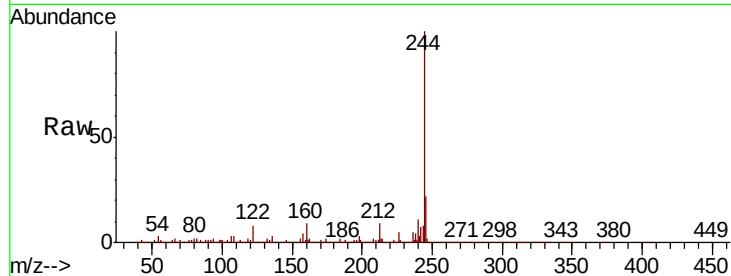
Tot Ion:244 Resp: 1067305

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

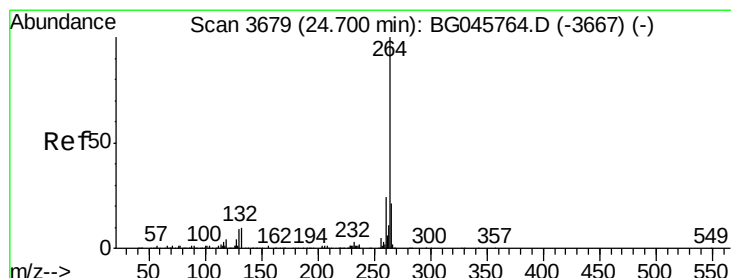
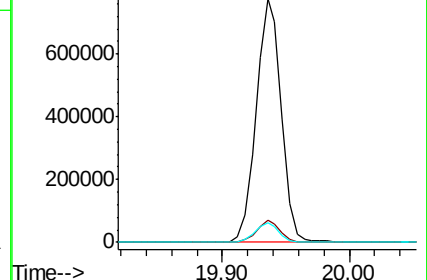
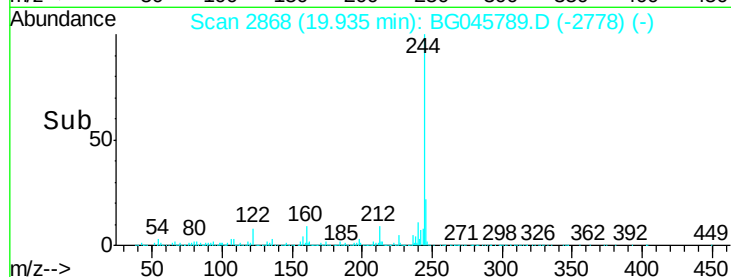
122 7.9 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

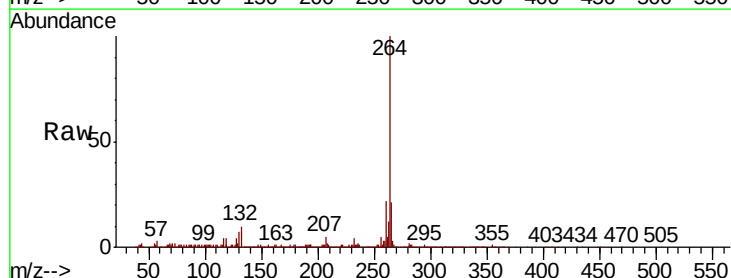
Tgt Ion:264 Resp: 352123

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 20.9 17.4 26.0



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

