

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042794.D
 Acq On : 12 Sep 2019 22:46
 Operator : HP/JU
 Sample : K4852-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:03:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

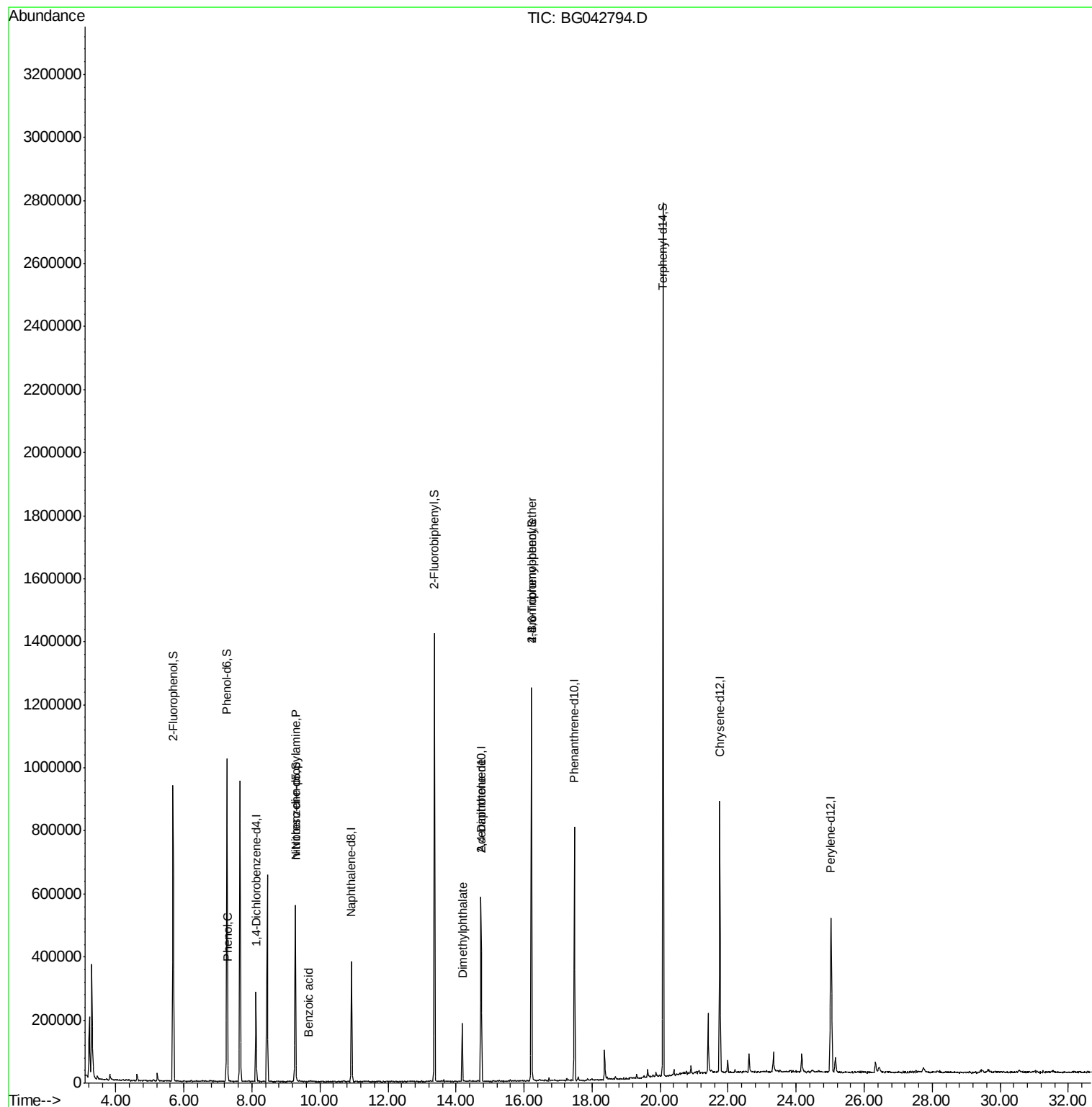
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80030	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	304006	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	212262	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	502317	20.00	ng	0.00
76) Chrysene-d12	21.76	240	522551	20.00	ng	0.00
87) Perylene-d12	25.02	264	550355	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	379707	82.49	ng	0.00
7) Phenol-d6	7.27	99	566616	85.76	ng	0.00
23) Nitrobenzene-d5	9.28	82	335843	57.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	236896	83.89	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	757749	56.51	ng	0.00
79) Terphenyl-d14	20.09	244	1359384	57.66	ng	0.00
Target Compounds						
10) Phenol	7.29	94	15549	2.295	ng	87
19) n-Nitroso-di-n-propylamine	9.27	70	47648	9.787	ng	# 71
32) Benzoic acid	9.69	122	58	5.979	ng	# 1
50) Dimethylphthalate	14.18	163	116895	7.351	ng	# 99
57) 2,4-Dinitrotoluene	14.74	165	28138	6.470	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	14913	2.453	ng	# 1

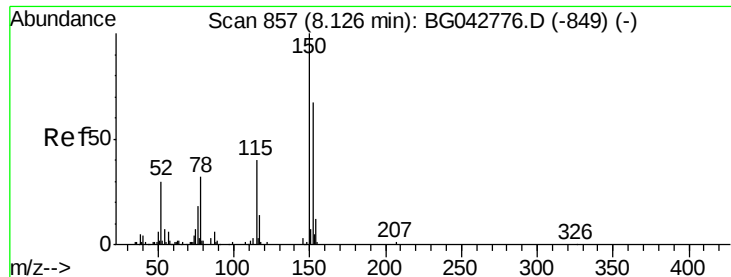
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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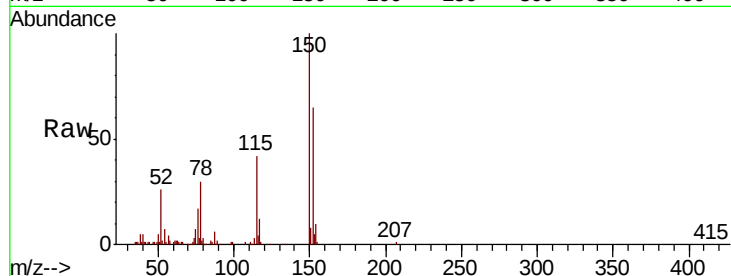


#1

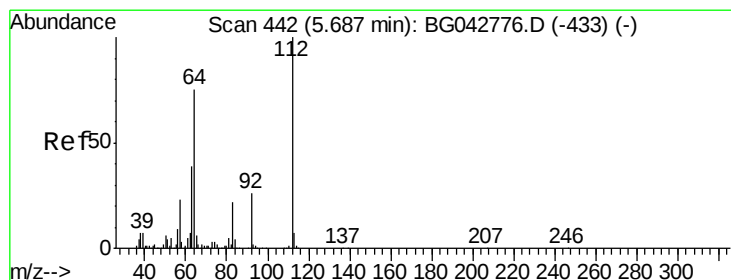
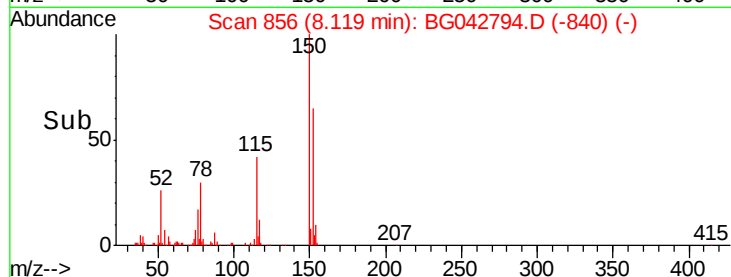
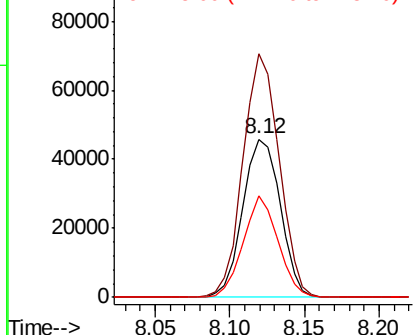
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 80030
Ion Ratio Lower Upper
152 100
150 153.7 118.9 178.3
115 63.9 47.4 71.2



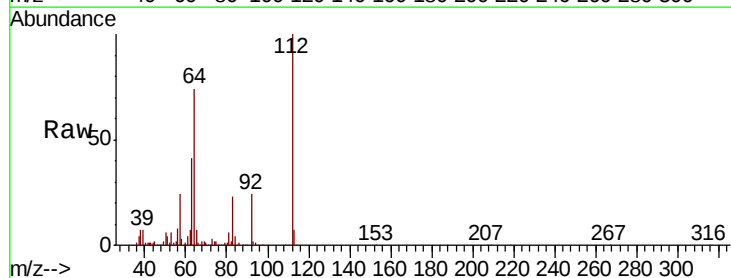
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



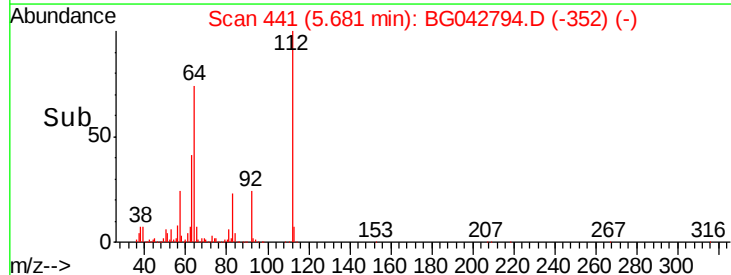
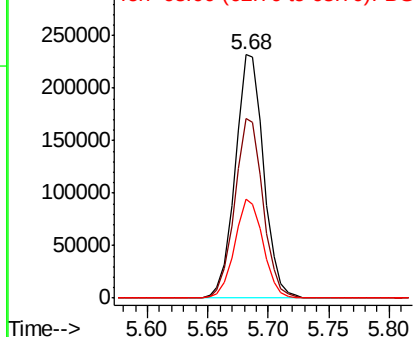
#5

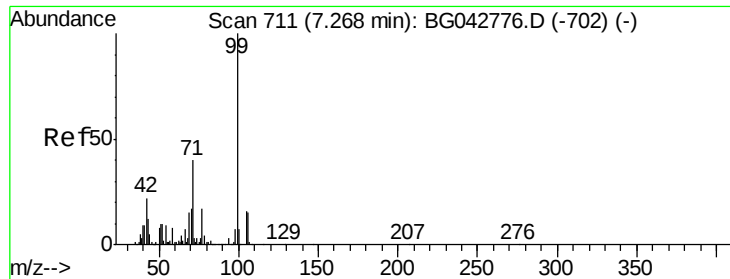
2-Fluorophenol
Concen: 82.486 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion:112 Resp: 379707
Ion Ratio Lower Upper
112 100
64 73.9 60.2 90.2
63 40.7 31.2 46.8



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: 85.757 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

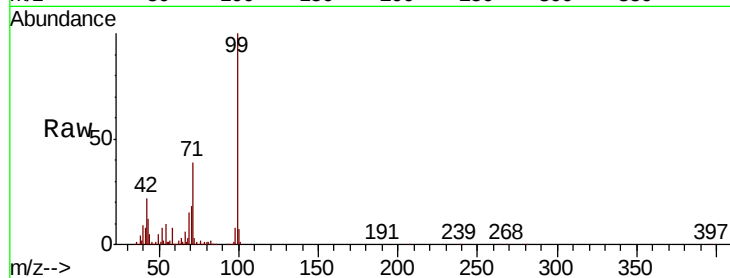
Tot Ion: 99 Resp: 566616

Ion Ratio Lower Upper

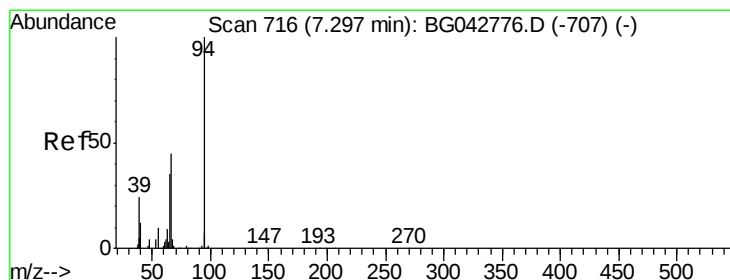
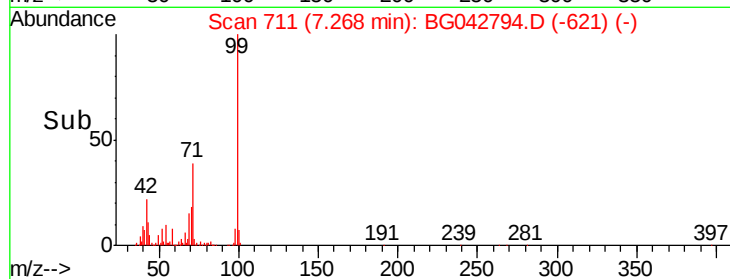
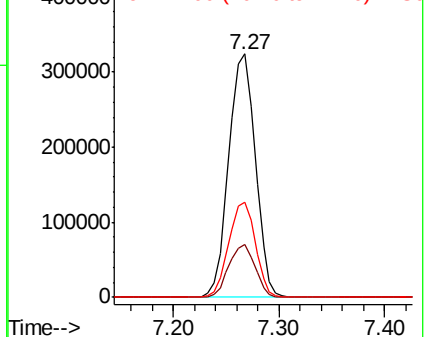
99 100

42 21.8 17.5 26.3

71 39.3 32.0 48.0



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



#10

Phenol

Concen: 2.295 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

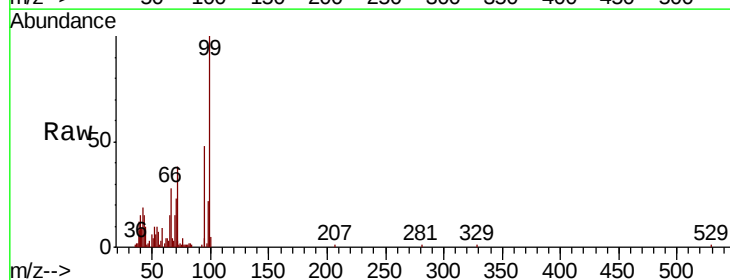
Tgt Ion: 94 Resp: 15549

Ion Ratio Lower Upper

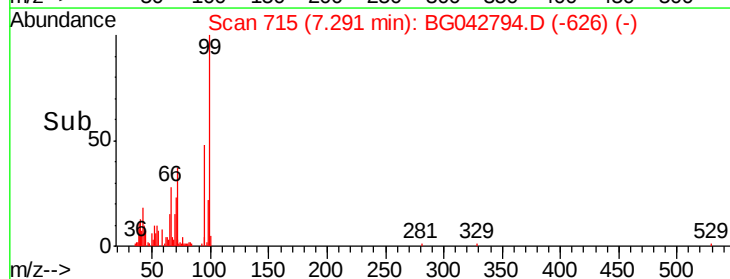
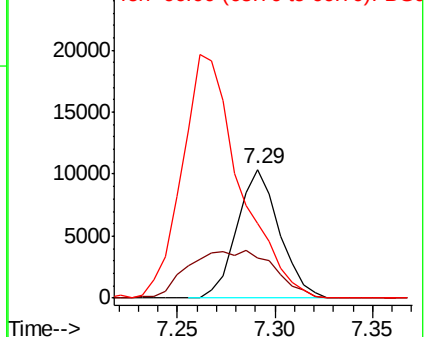
94 100

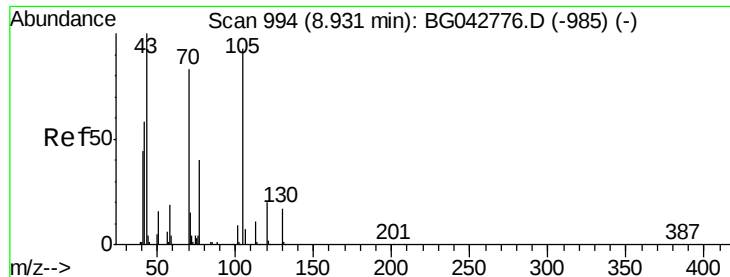
65 31.0 15.0 55.0

66 57.5 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

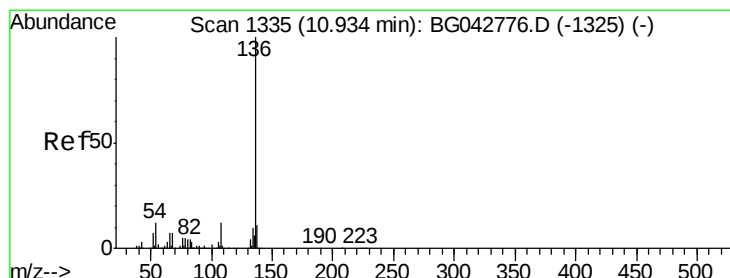
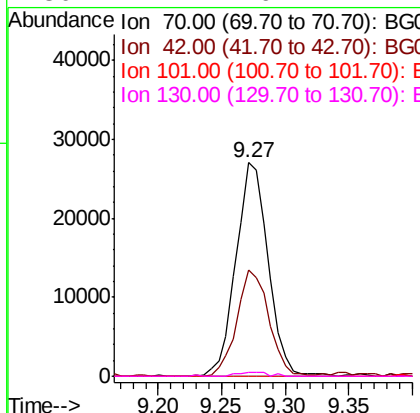
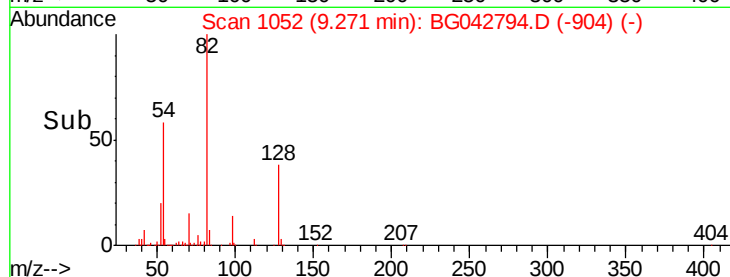
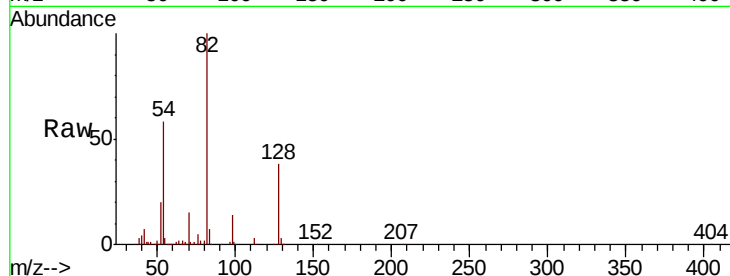




#19
n-Nitroso-di-n-propylamine
Concen: 9.787 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

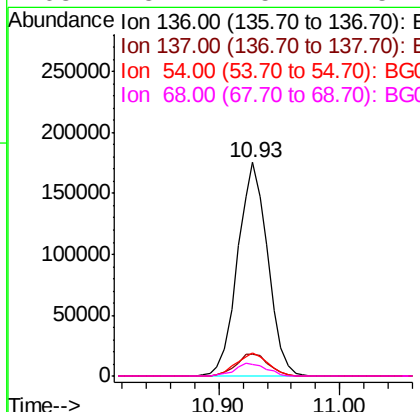
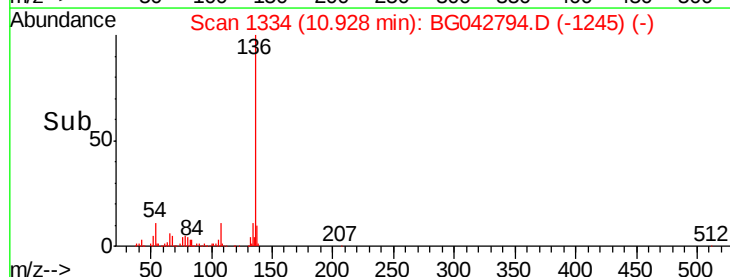
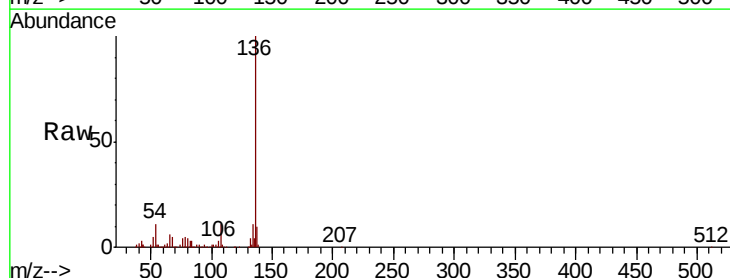
Instrument :
BNA_G
ClientSampleId :

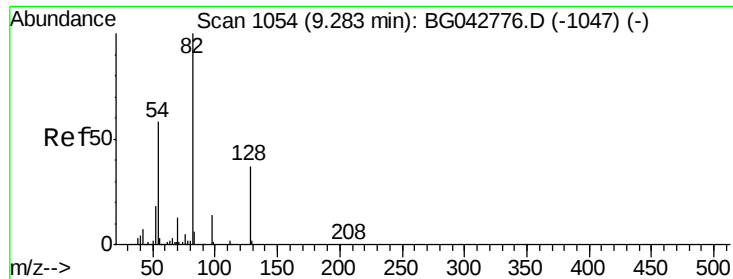
Tot Ion: 70 Resp: 47648
Ion Ratio Lower Upper
70 100
42 49.6 57.0 85.6#
101 0.0 8.4 12.6#
130 1.7 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion: 136 Resp: 304006
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.6
54 11.0 9.4 14.0
68 5.4 5.4 8.2

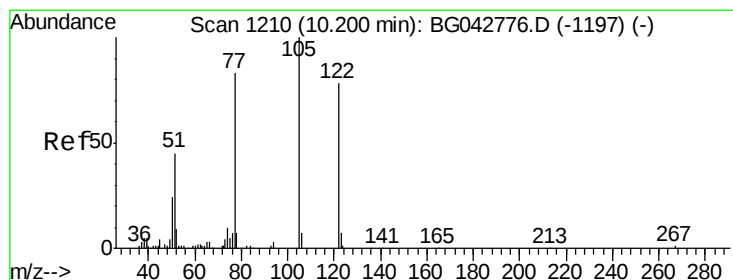
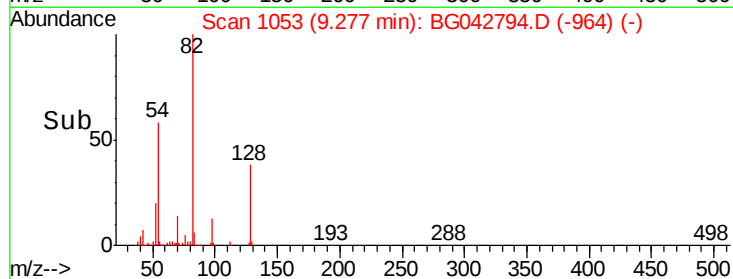
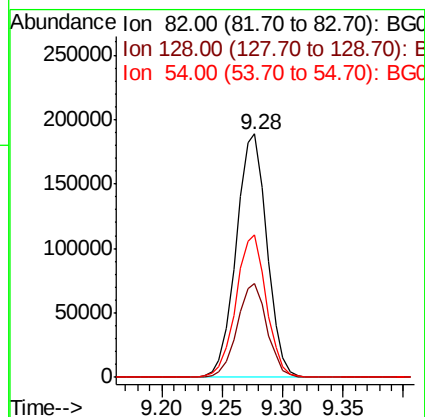
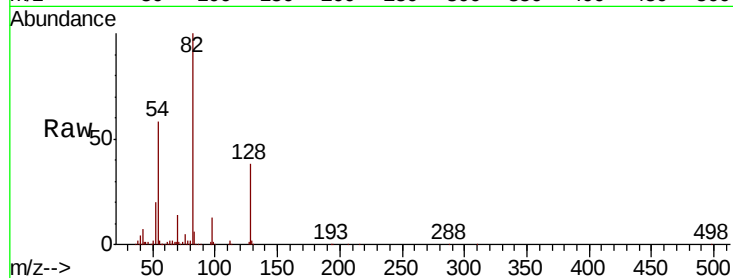




#23
Nitrobenzene-d5
Concen: 57.515 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

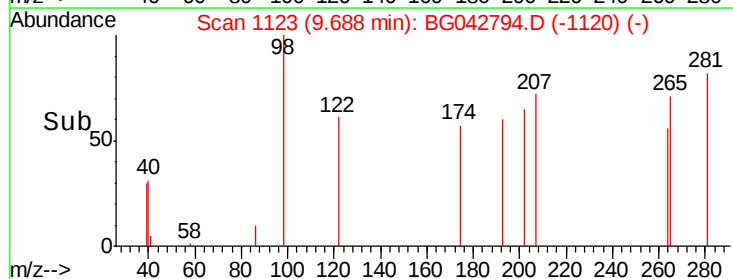
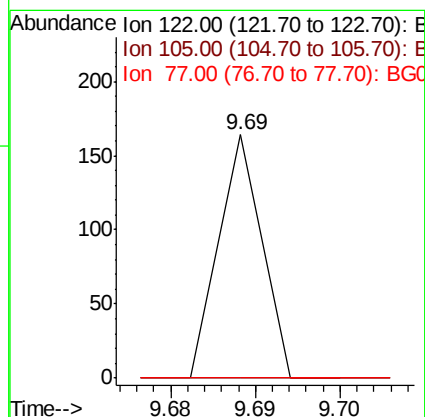
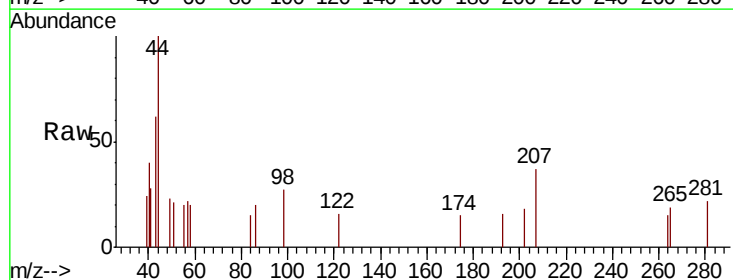
Instrument :
BNA_G
ClientSampleId :

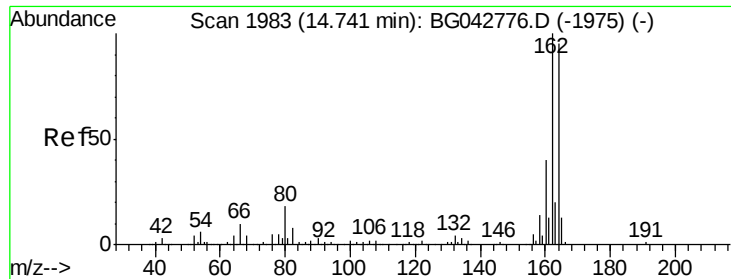
Tot Ion	82	Resp	335843
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.8	44.8
54	58.3	46.1	69.1



#32
Benzoic acid
Concen: 5.979 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.51 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion	122	Resp	58
Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

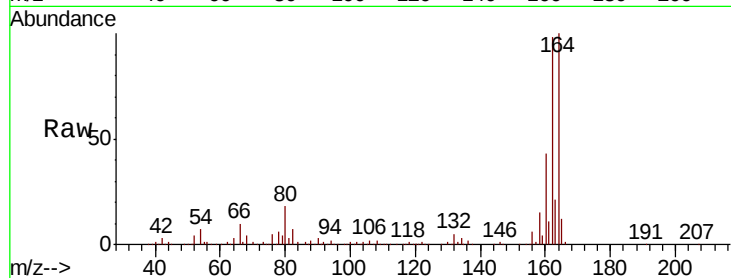
Tot Ion:164 Resp: 212262

Ion Ratio Lower Upper

164 100

162 98.2 84.6 126.8

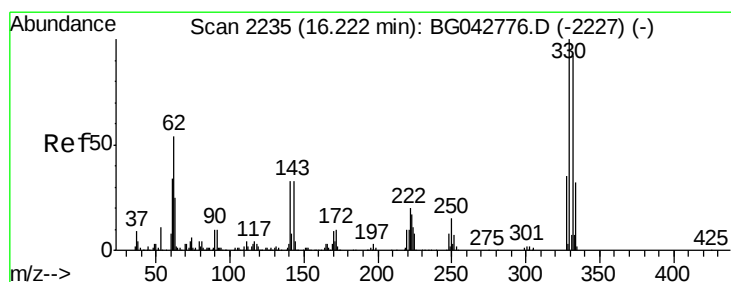
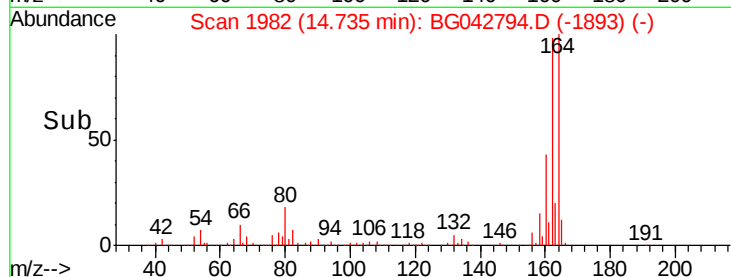
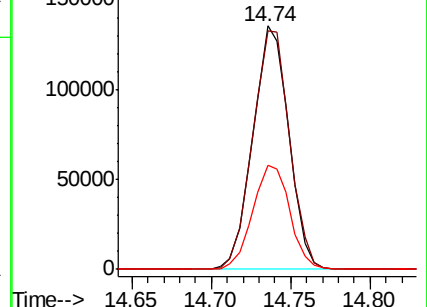
160 42.5 34.2 51.2



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: 83.887 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

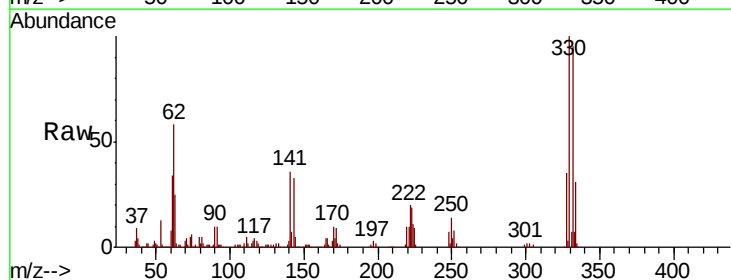
Tgt Ion:330 Resp: 236896

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

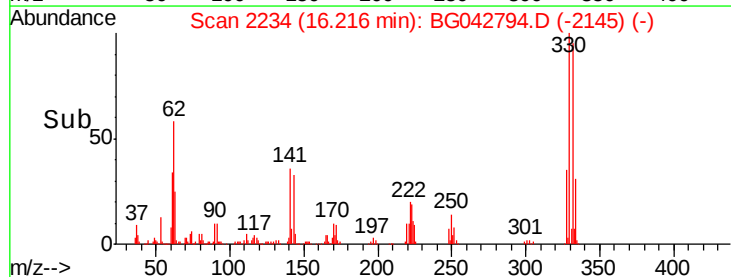
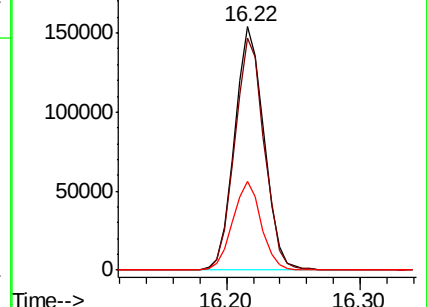
141 35.5 27.0 40.6

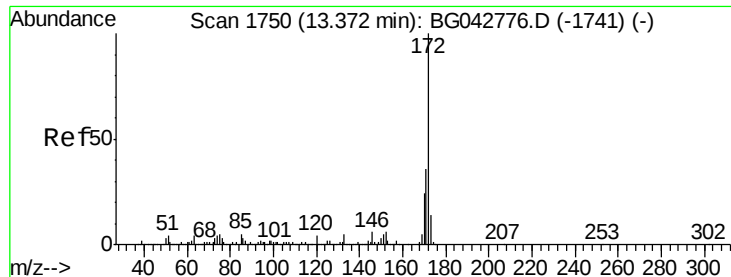


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

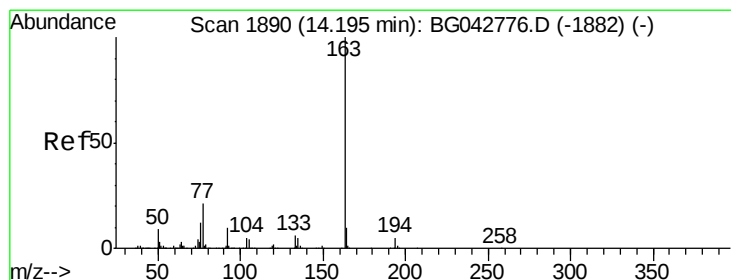
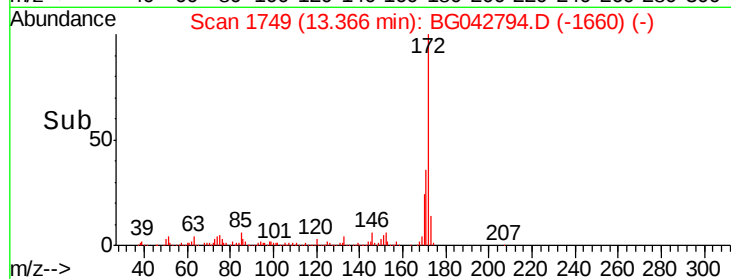
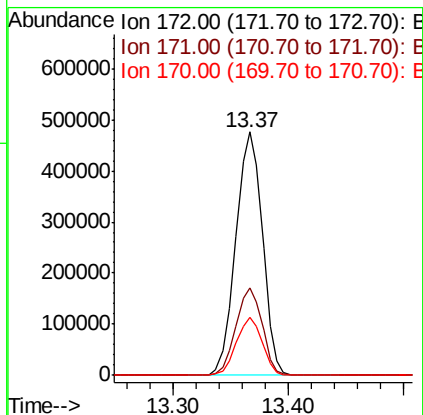
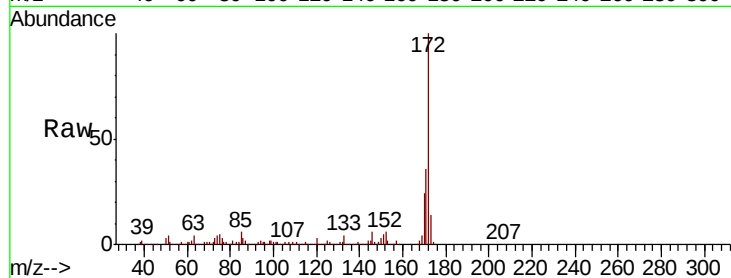




#45
 2-Fluorobiphenyl
 Concen: 56.509 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042794.D
 Acq: 12 Sep 2019 22:46

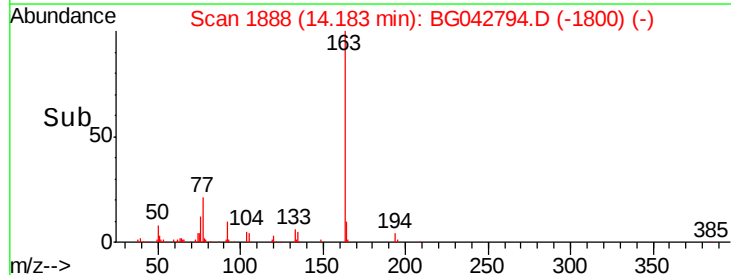
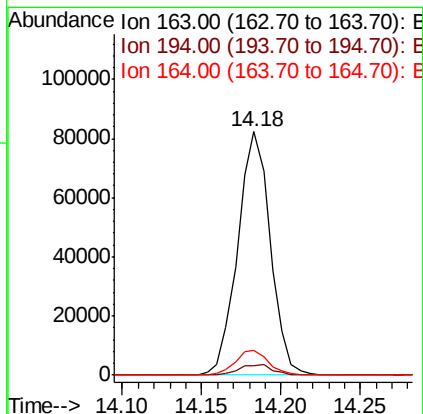
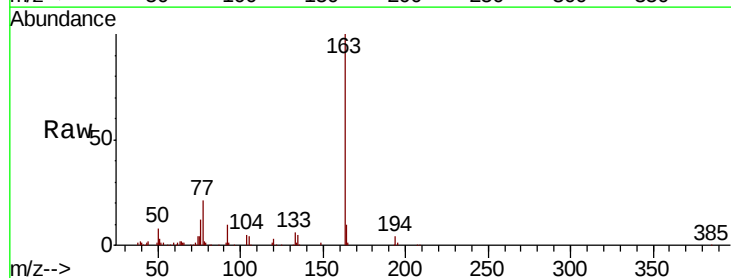
Instrument :
 BNA_G
 ClientSampleId :

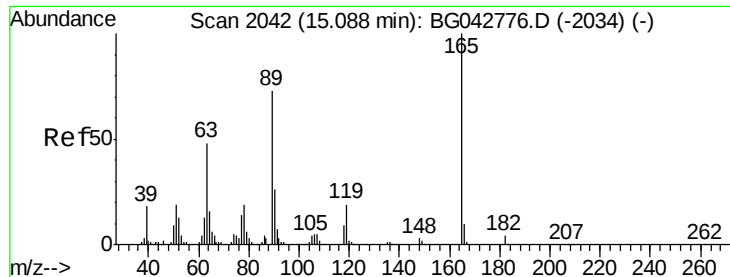
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.8	19.1	28.7



#50
 Dimethylphthalate
 Concen: 7.351 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042794.D
 Acq: 12 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.2	6.4#
164	10.4	8.4	12.6

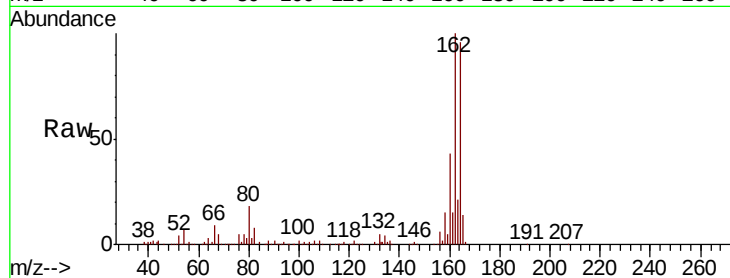




#57
 2,4-Dinitrotoluene
 Concen: 6.470 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.35 min
 Lab File: BG042794.D
 Acq: 12 Sep 2019 22:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.3	57.5#
89	1.6	58.4	87.6#
182	0.0	2.9	4.3#



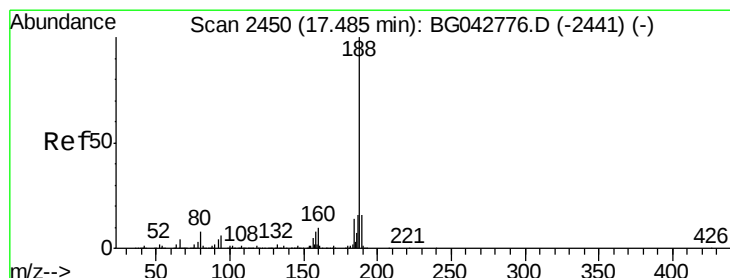
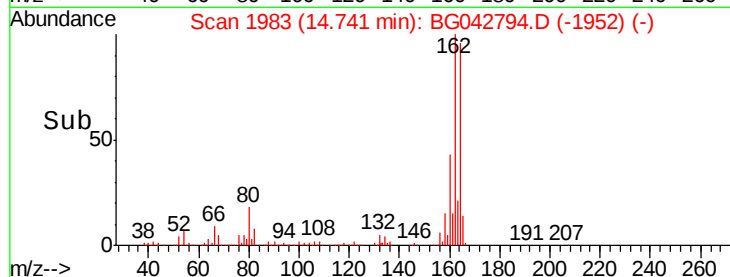
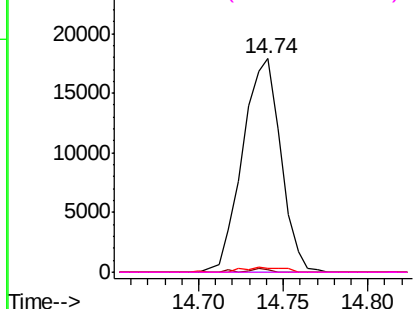
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

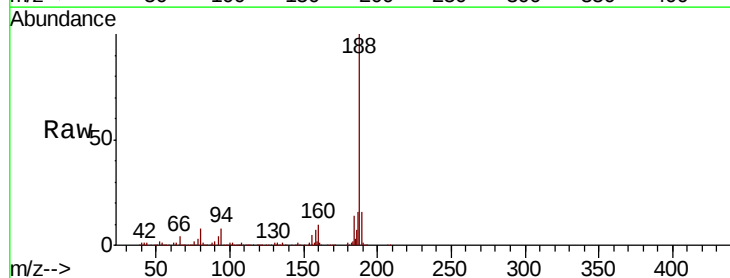
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042794.D
 Acq: 12 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	7.9	6.6	9.8

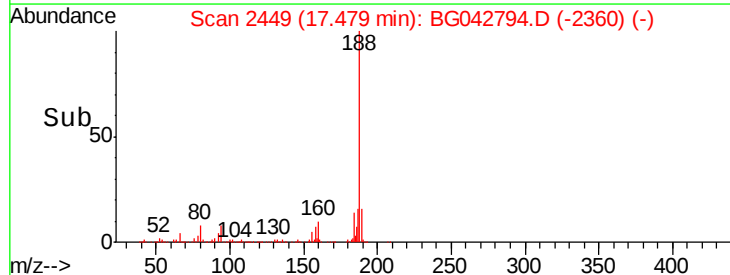
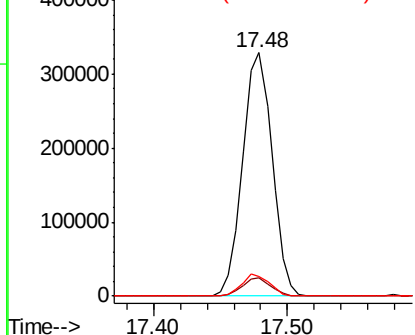


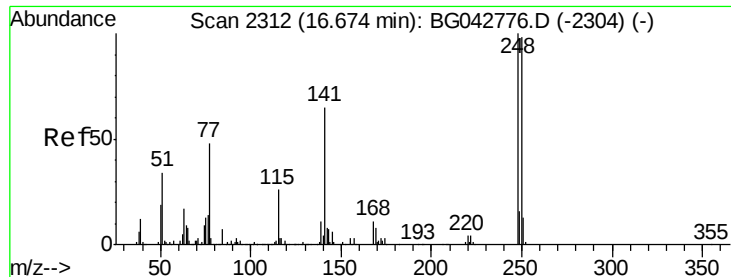
Abundance

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

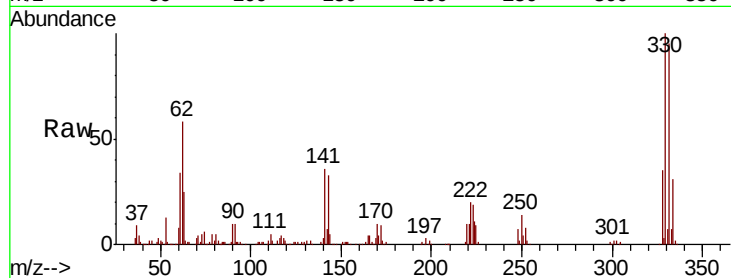




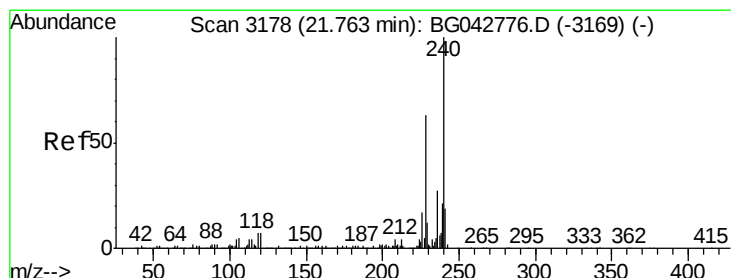
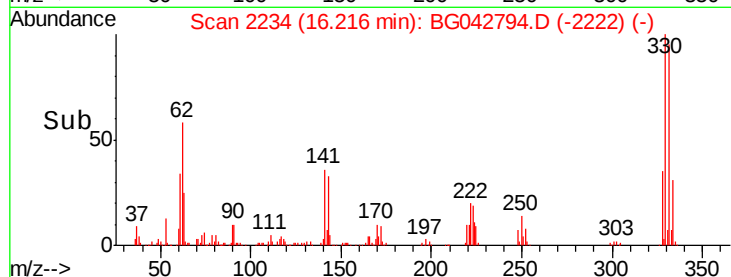
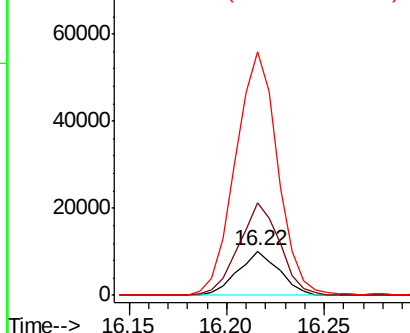
#67
4-Bromophenyl-phenylether
Concen: 2.453 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14913
Ion Ratio Lower Upper
248 100
250 210.3 78.0 117.0#
141 552.9 51.8 77.6#

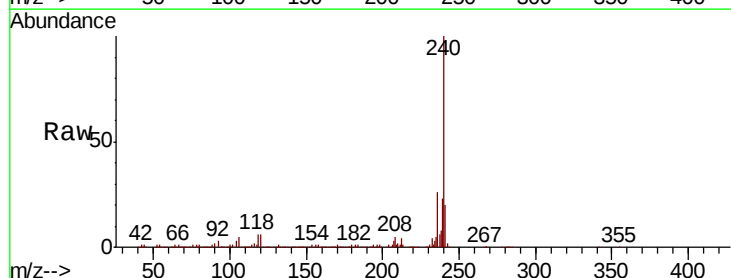


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

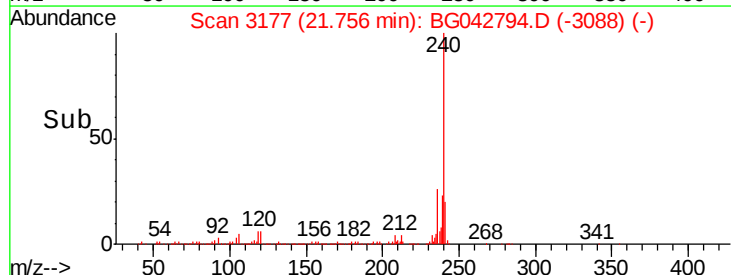
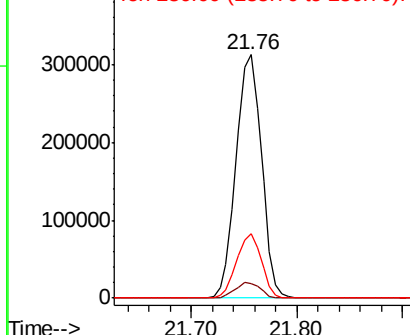


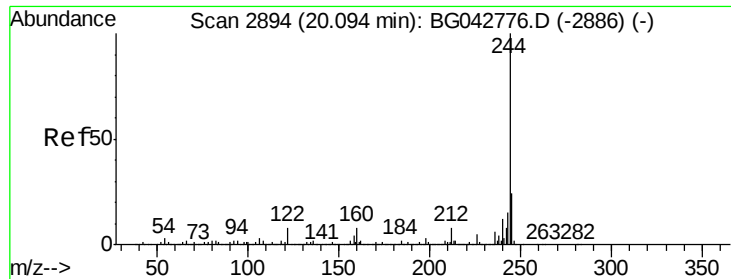
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042794.D
Acq: 12 Sep 2019 22:46

Tgt Ion:240 Resp: 522551
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.2
236 26.3 21.7 32.5



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: 57.655 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

Instrument :

BNA_G

ClientSampleId :

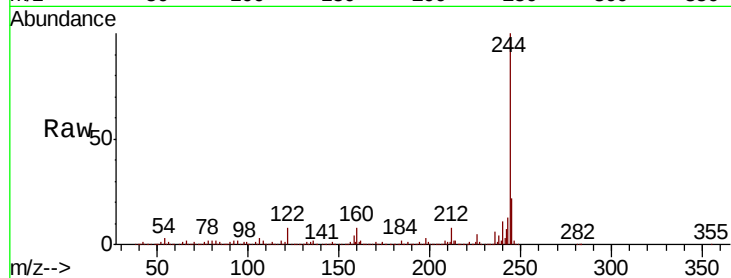
Tot Ion:244 Resp: 1359384

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

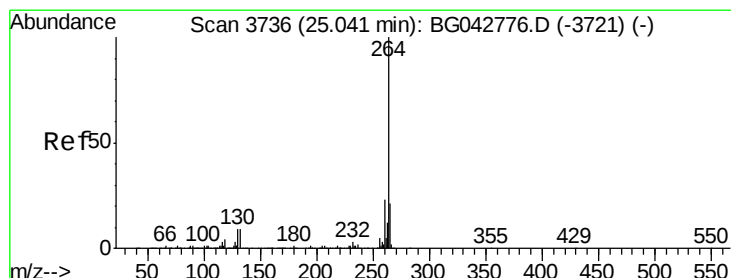
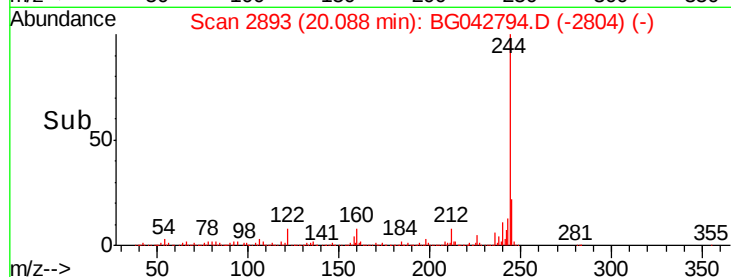
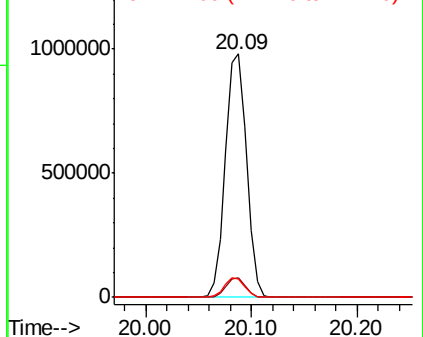
122 7.5 6.2 9.4



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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042794.D

Acq: 12 Sep 2019 22:46

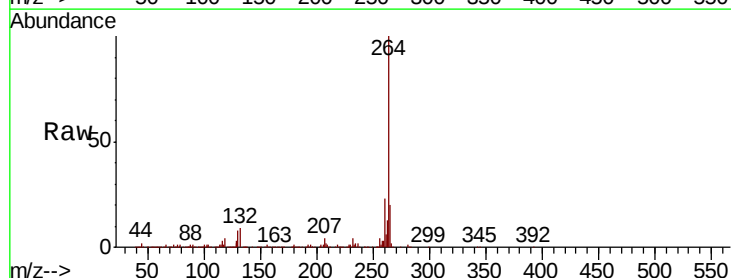
Tgt Ion:264 Resp: 550355

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 20.1 16.9 25.3



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

