

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042795.D
 Acq On : 12 Sep 2019 23:24
 Operator : HP/JU
 Sample : K4822-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:04:09 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

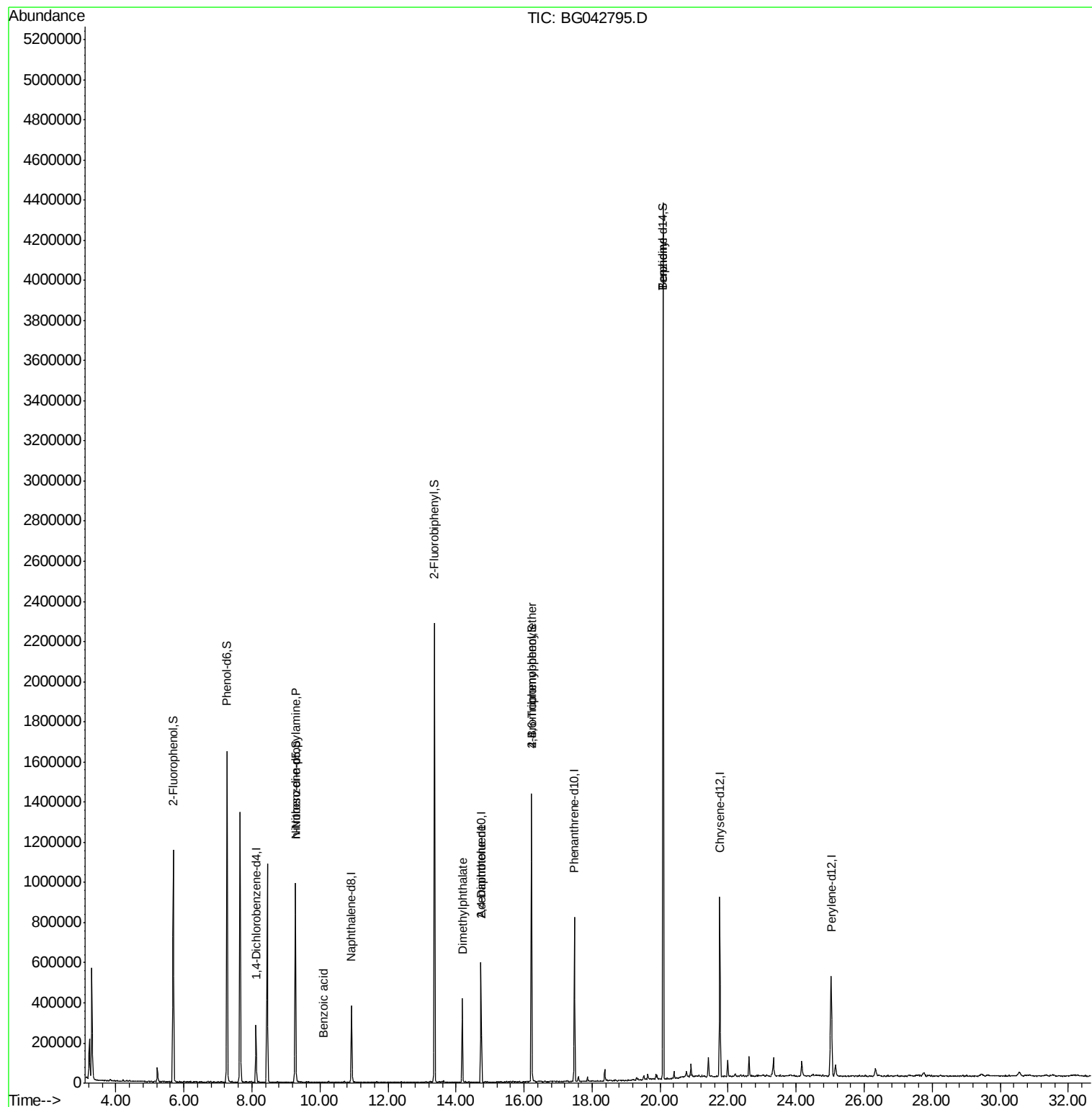
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	79866	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	305897	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	208876	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	492050	20.00	ng	0.00
76) Chrysene-d12	21.75	240	527669	20.00	ng	0.00
87) Perylene-d12	25.03	264	571352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	460333	100.21	ng	0.00
7) Phenol-d6	7.27	99	928022	140.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	584686	99.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	266775	96.00	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1196662	90.69	ng	0.00
79) Terphenyl-d14	20.09	244	2041629	85.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	81380	16.750	ng	# 72
32) Benzoic acid	10.10	122	59	5.979	ng	# 44
50) Dimethylphthalate	14.18	163	259786	16.603	ng	# 99
57) 2,4-Dinitrotoluene	14.73	165	28516	6.663	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	19160	3.217	ng	# 1
77) Benzidine	20.09	184	34496	2.340	ng	# 92

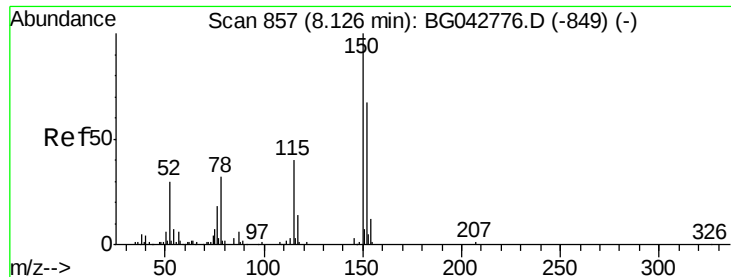
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042795.D
Acq On : 12 Sep 2019 23:24
Operator : HP/JU
Sample : K4822-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 07:04:09 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



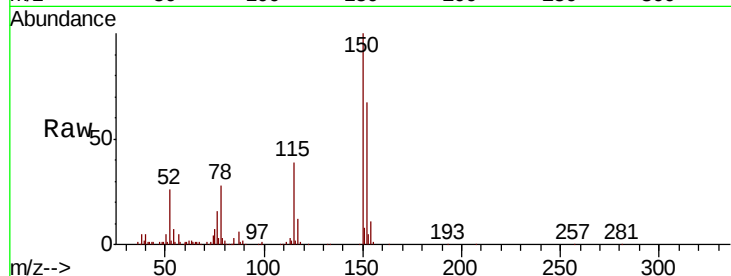


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	118.9	178.3
115	58.4	47.4	71.2

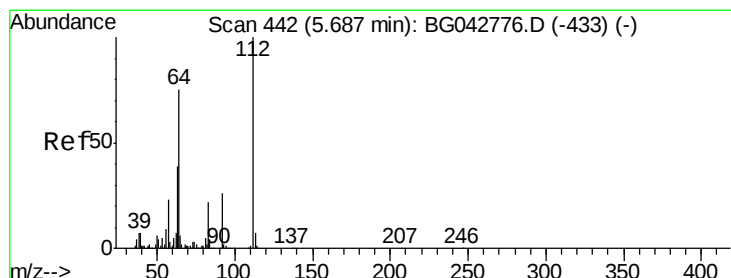
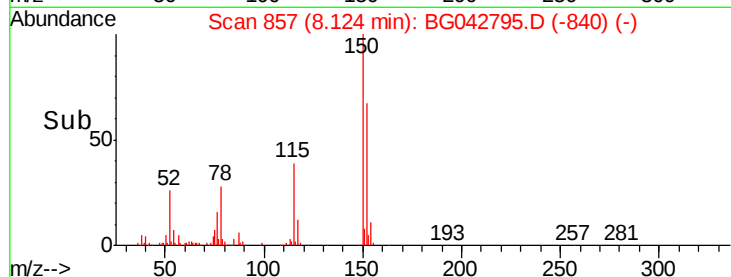
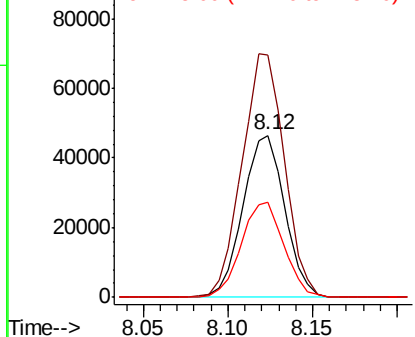


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

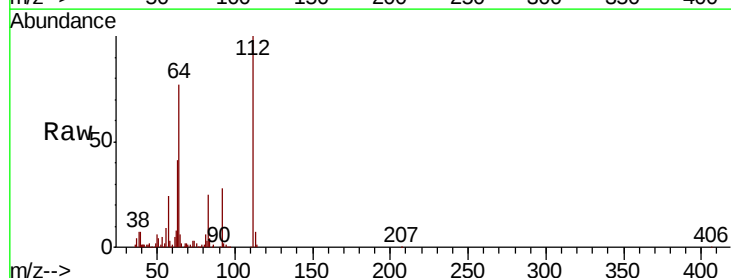
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.207 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	60.2	90.2
63	41.0	31.2	46.8

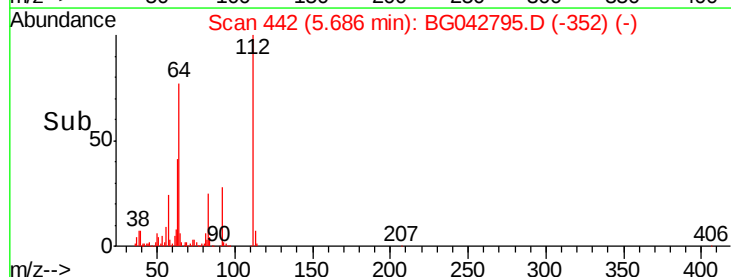
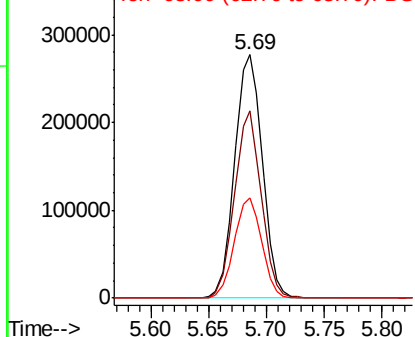


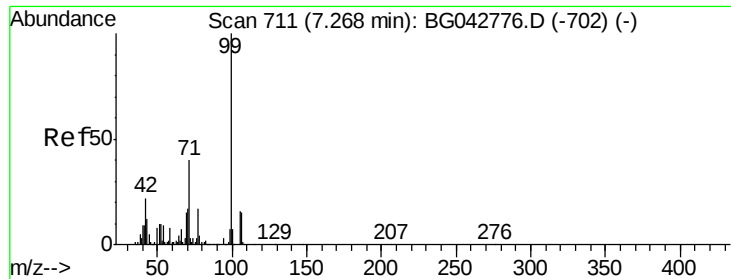
Abundance

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: 140.744 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

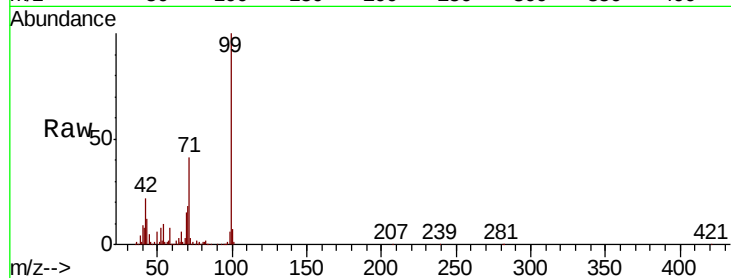
Tot Ion: 99 Resp: 928022

Ion Ratio Lower Upper

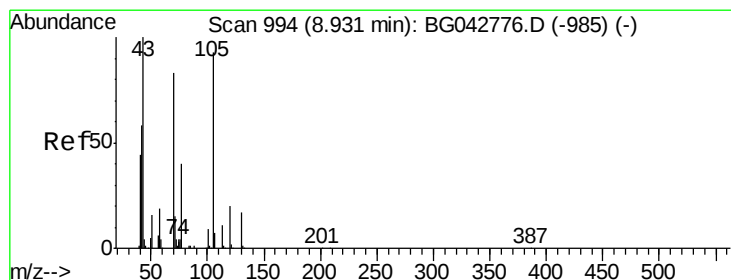
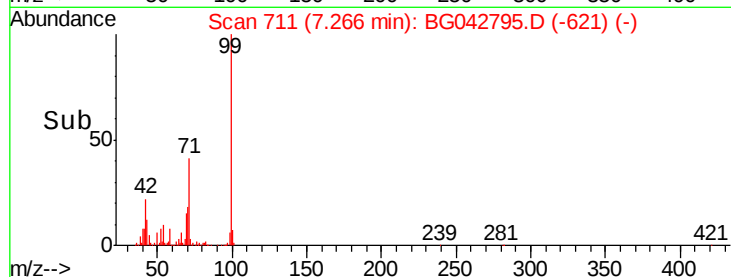
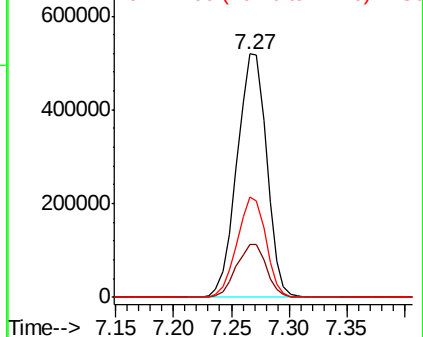
99 100

42 21.7 17.5 26.3

71 41.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.750 ng

RT: 9.28 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Tgt Ion: 70 Resp: 81380

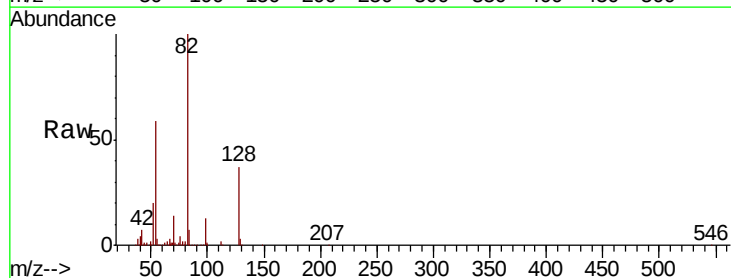
Ion Ratio Lower Upper

70 100

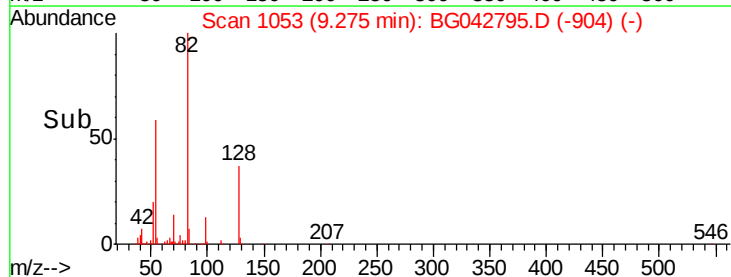
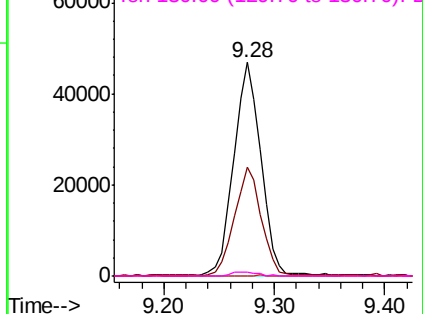
42 51.1 57.0 85.6#

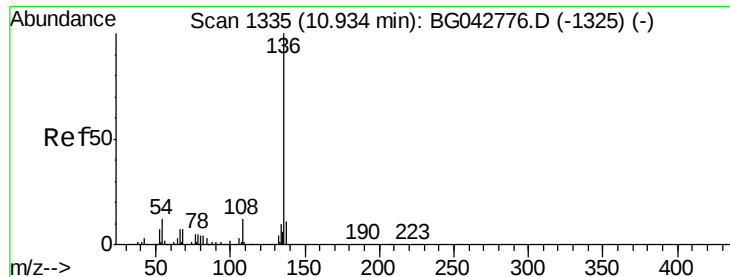
101 0.0 8.4 12.6#

130 2.0 16.1 24.1#



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

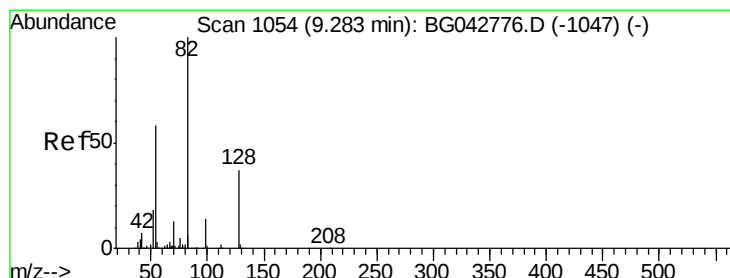
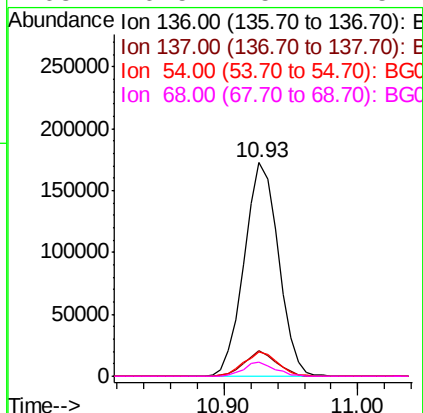
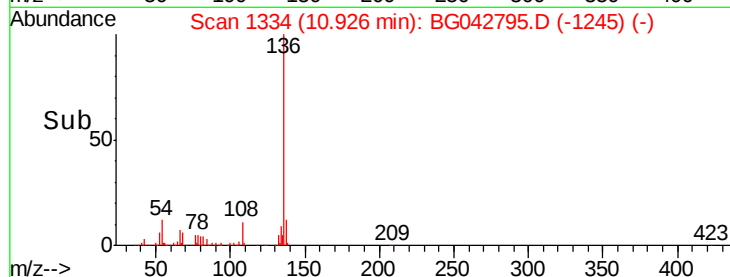
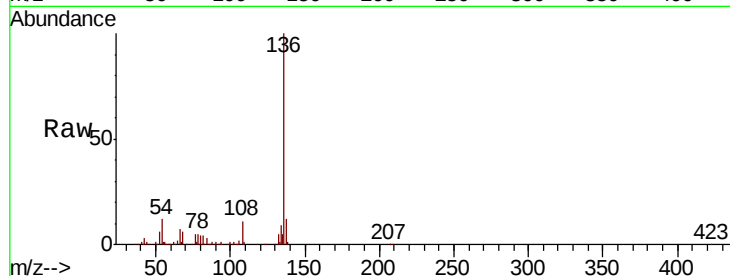




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

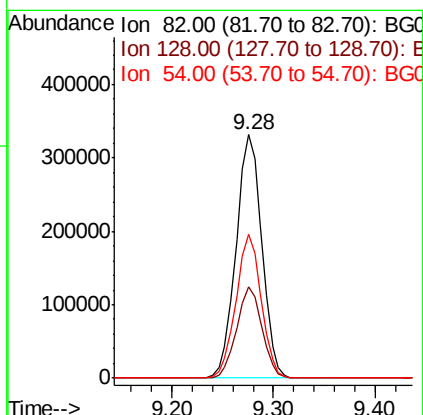
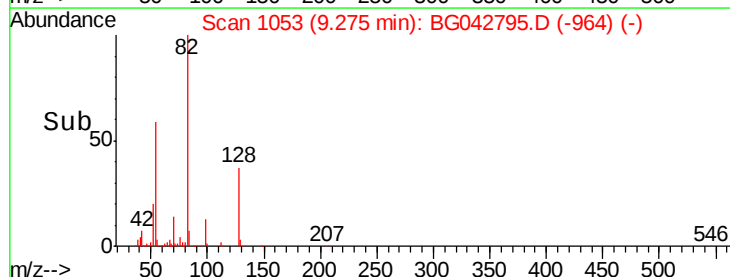
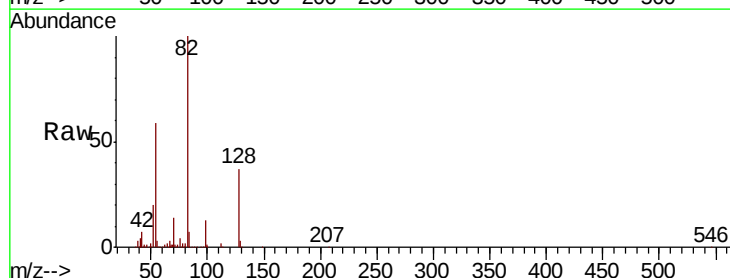
Instrument :
BNA_G
ClientSampleId :

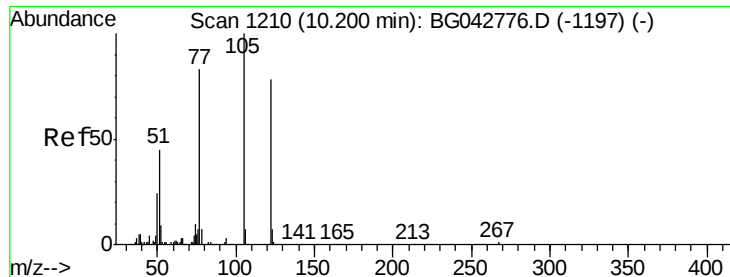
Tot Ion:136	Resp:	305897
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.0 13.6
54	11.7	9.4 14.0
68	6.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 99.511 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Tgt Ion: 82	Resp:	584686
Ion Ratio	Lower	Upper
82	100	
128	37.4	29.8 44.8
54	59.0	46.1 69.1





#32

Benzoic acid

Concen: 5.979 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.10 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

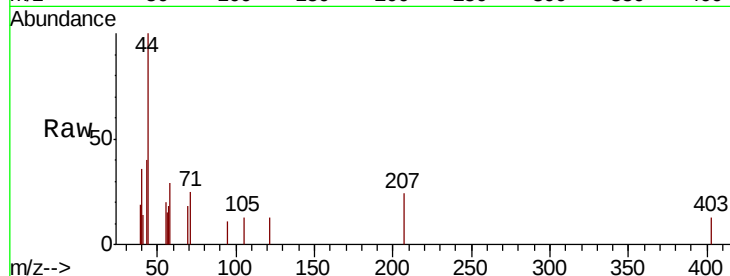
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 103.6 104.0 144.0#

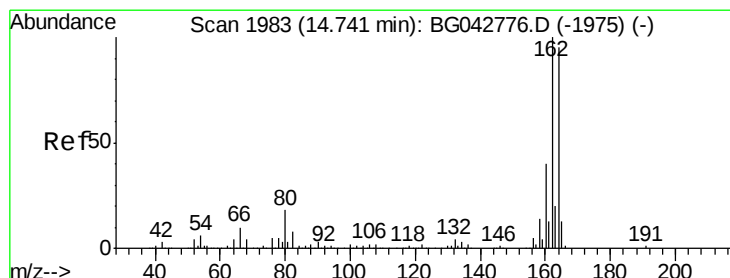
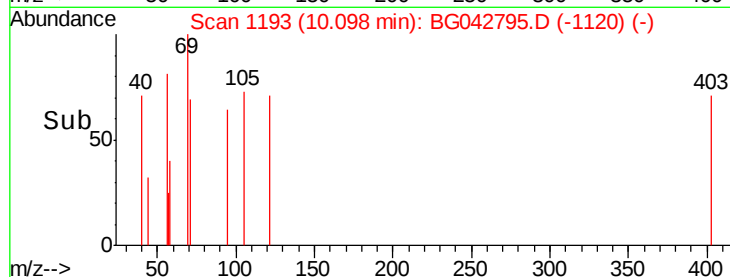
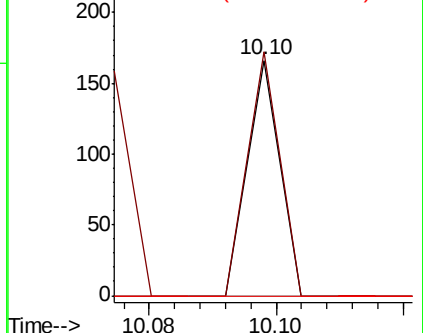
77 0.0 84.2 124.2#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

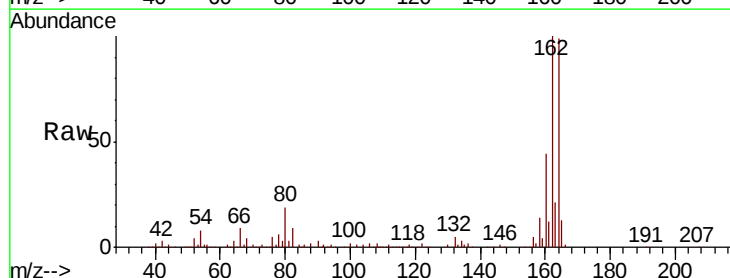
Tgt Ion:164 Resp: 208876

Ion Ratio Lower Upper

164 100

162 101.3 84.6 126.8

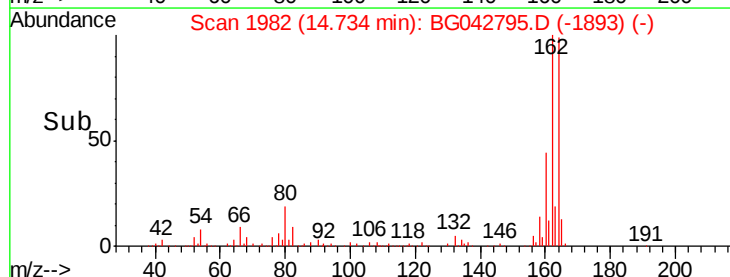
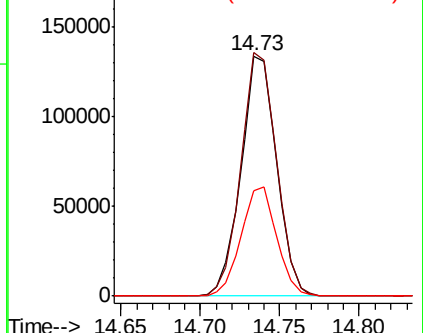
160 44.1 34.2 51.2

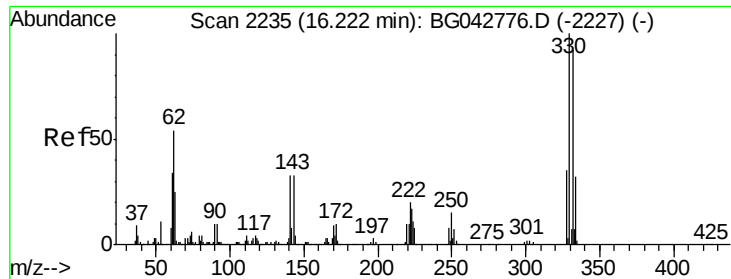


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

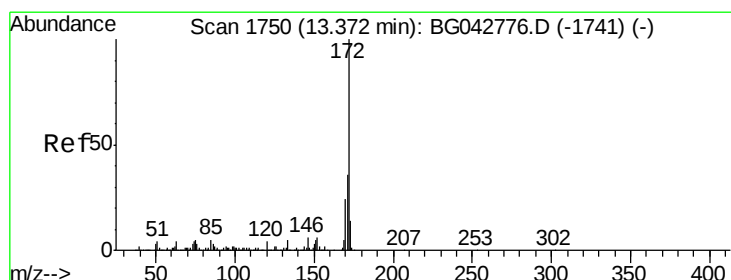
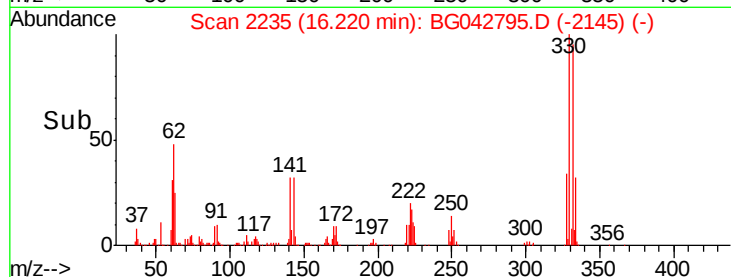
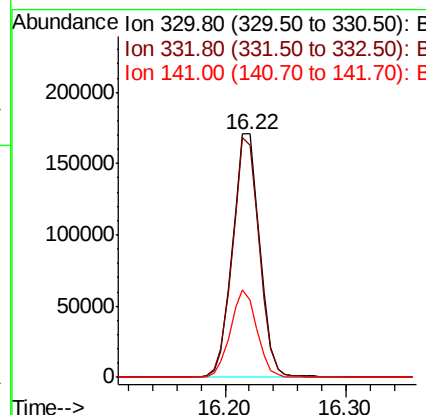
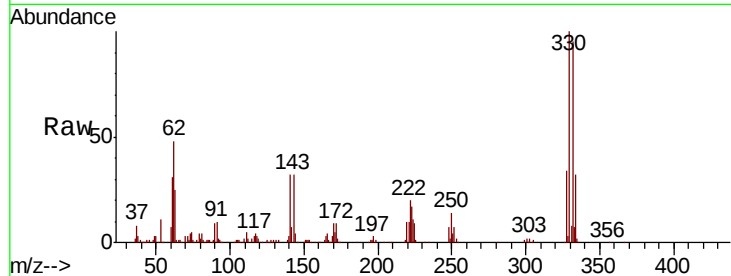




#42
 2,4,6-Tribromophenol
 Concen: 95.999 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

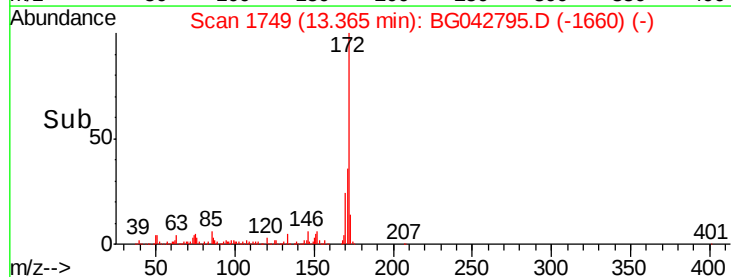
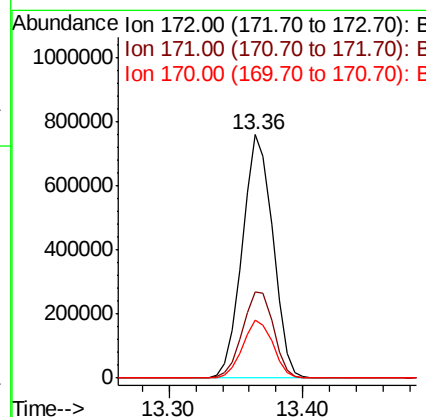
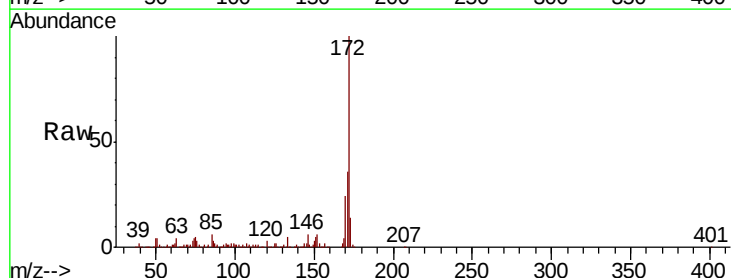
Instrument :
 BNA_G
 ClientSampleId :

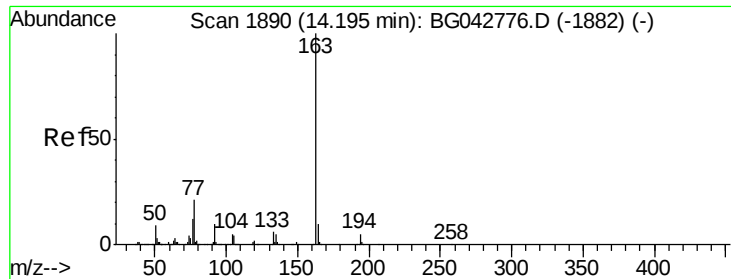
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	35.1	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 90.687 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.1	19.1	28.7





#50

Dimethylphthalate

Concen: 16.603 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

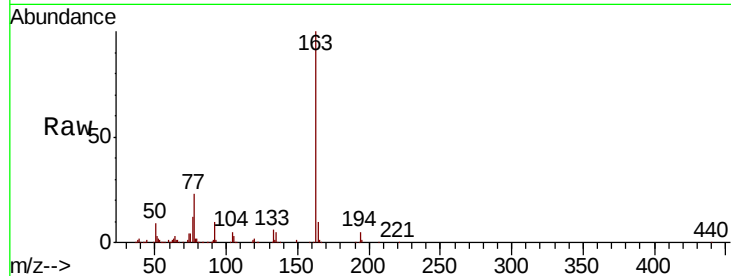
Tot Ion:163 Resp: 259786

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.4

164 10.3 8.4 12.6

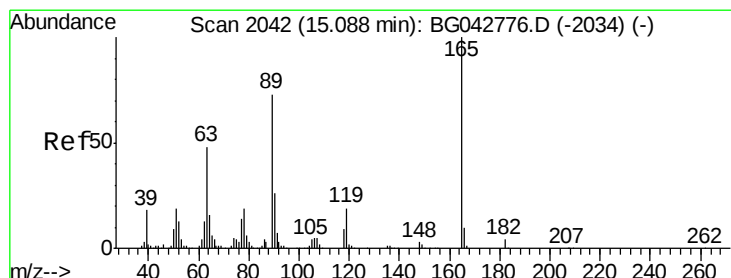
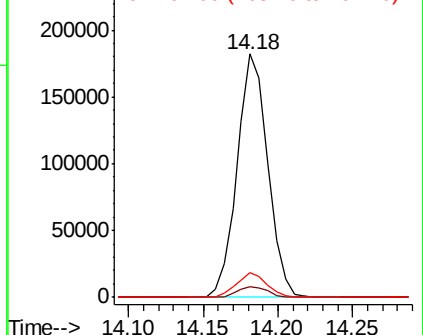
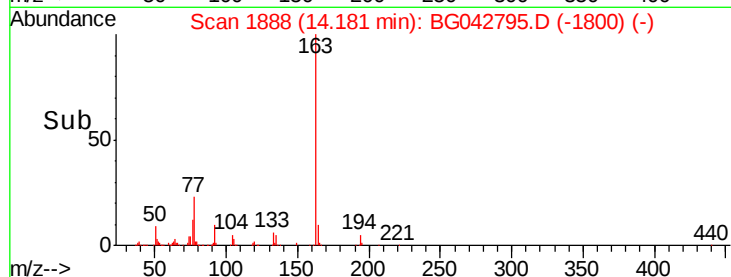


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 6.663 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.35 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Tgt Ion:165 Resp: 28516

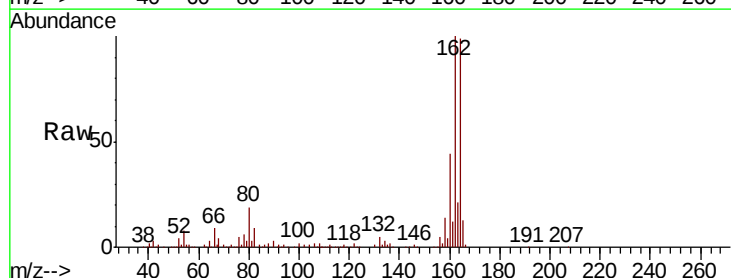
Ion Ratio Lower Upper

165 100

63 2.1 38.3 57.5#

89 0.0 58.4 87.6#

182 0.0 2.9 4.3#



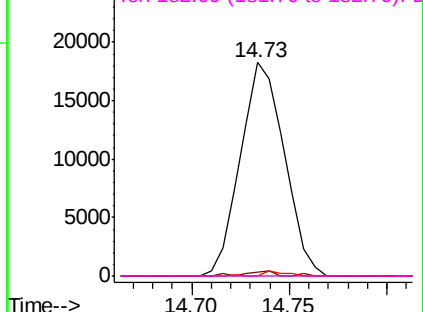
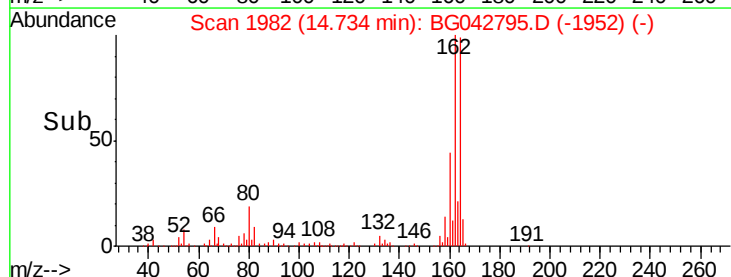
Abundance

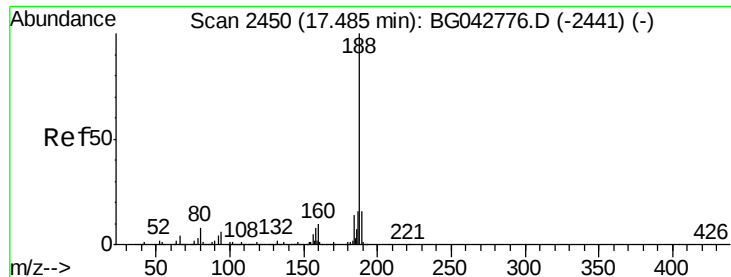
Ion 165.00 (164.70 to 165.70): E

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

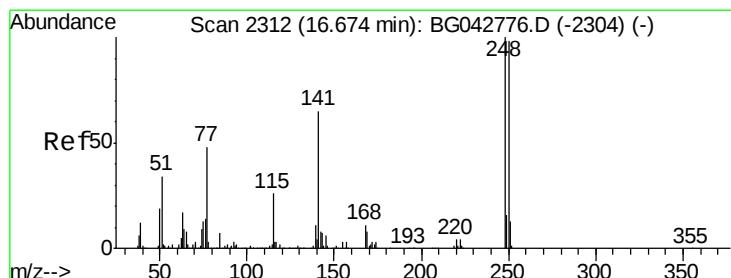
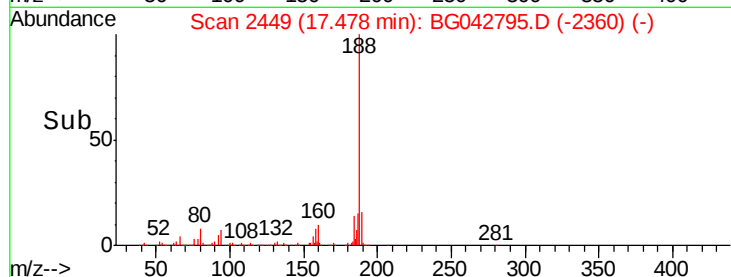
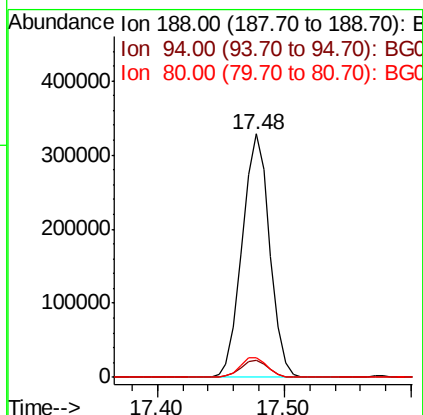
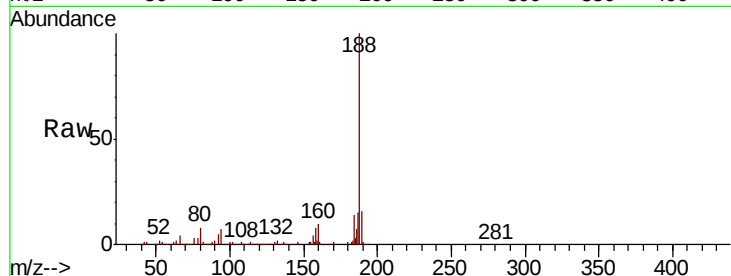




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

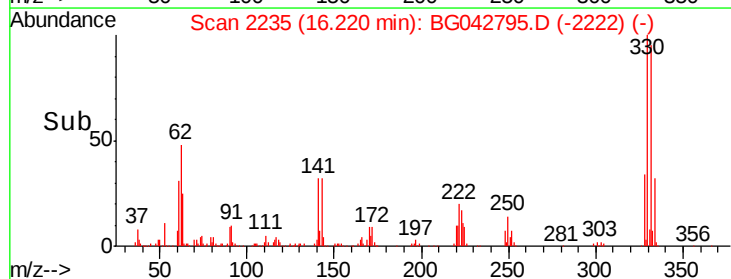
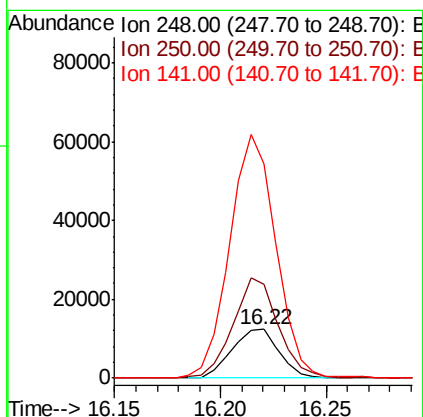
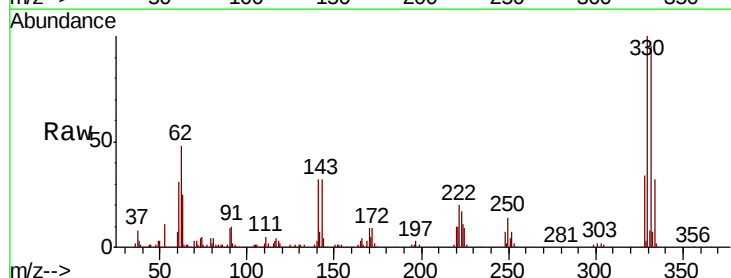
Instrument :
 BNA_G
 ClientSampleId :

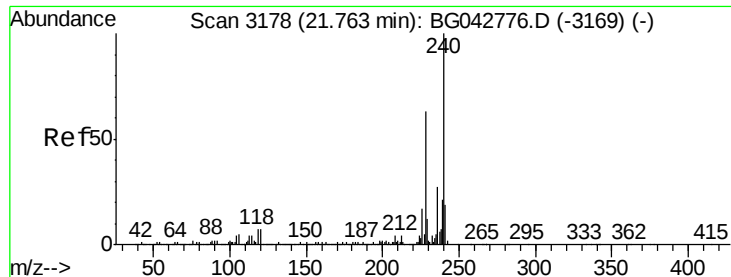
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2#
80	8.1	6.6	9.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.217 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.45 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.6	78.0	117.0#
141	438.7	51.8	77.6#

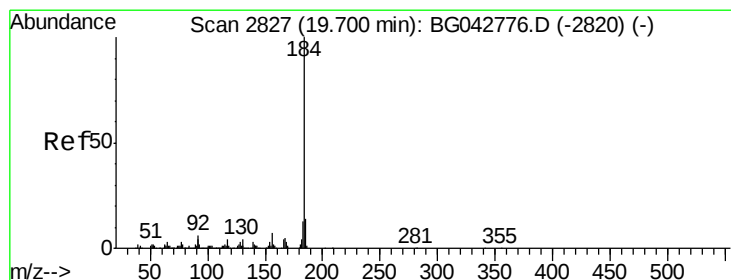
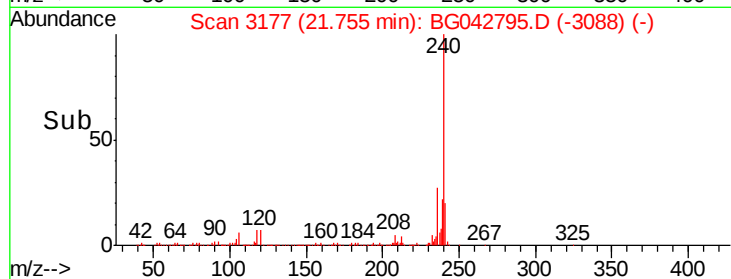
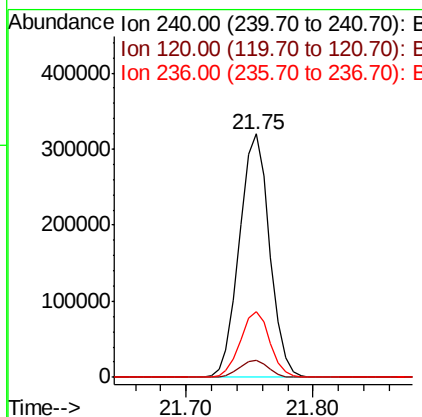
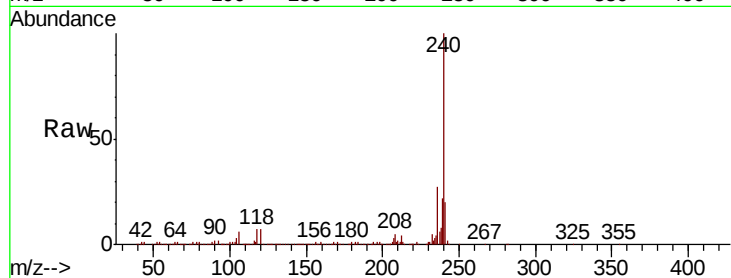




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

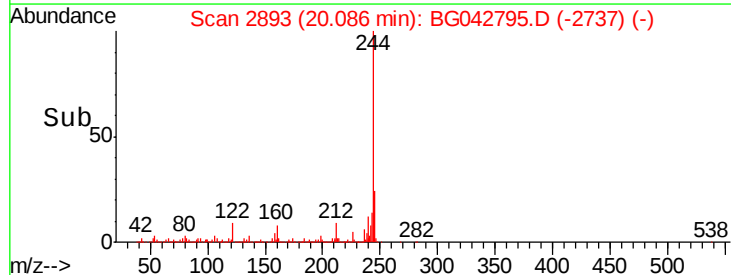
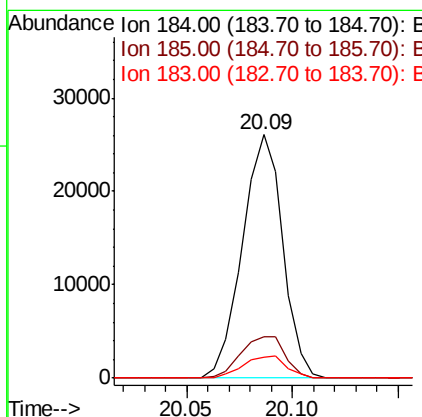
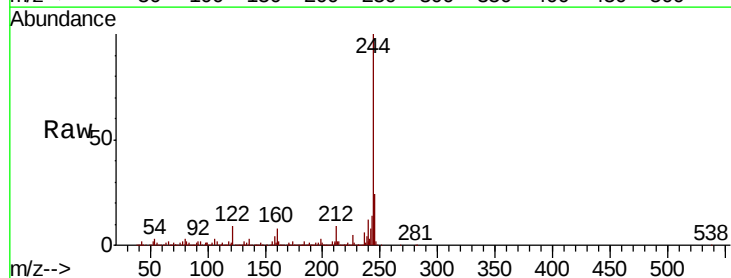
Instrument :
 BNA_G
 ClientSampleId :

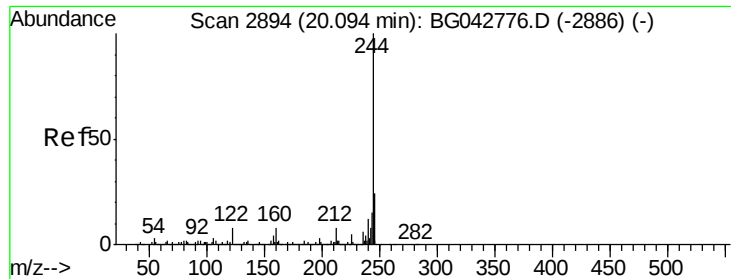
Tot Ion:240 Resp: 527669
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.4 8.2
 236 26.9 21.7 32.5



#77
 Benzidine
 Concen: 2.340 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. 0.39 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Tgt Ion:184 Resp: 34496
 Ion Ratio Lower Upper
 184 100
 185 16.8 11.6 17.4
 183 8.4 10.4 15.6#





#79

Terphenyl-d14

Concen: 85.751 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

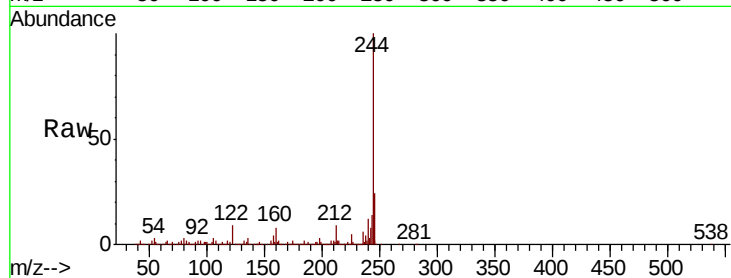
Tot Ion:244 Resp: 2041629

Ion Ratio Lower Upper

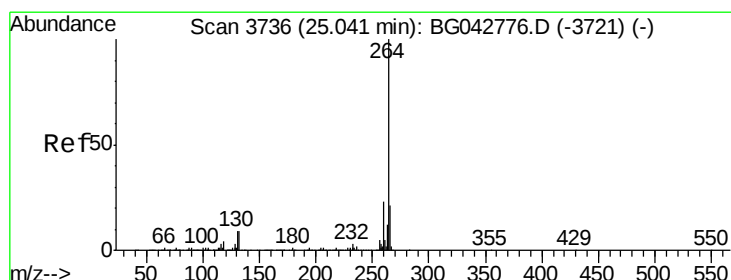
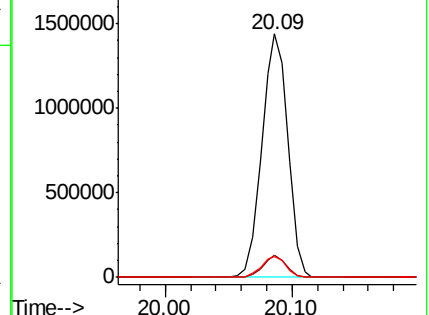
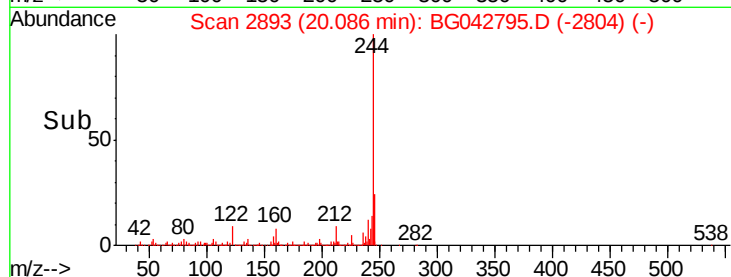
244 100

212 8.9 6.6 10.0

122 8.6 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

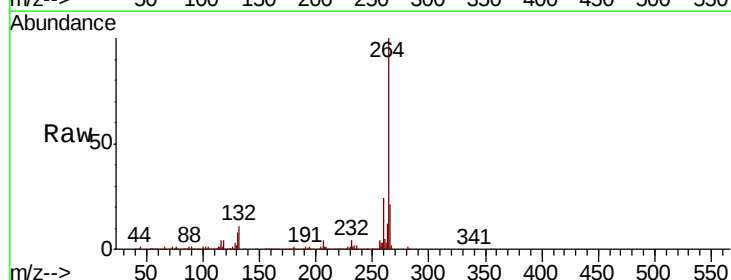
Tgt Ion:264 Resp: 571352

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

