

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042799.D
 Acq On : 13 Sep 2019 1:58
 Operator : HP/JU
 Sample : K4712-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:05:15 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	89607	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	339005	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	234799	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	540775	20.00	ng	0.00
76) Chrysene-d12	21.75	240	547534	20.00	ng	0.00
87) Perylene-d12	25.03	264	598465	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	298907	57.99	ng	0.00
7) Phenol-d6	7.26	99	267719	36.19	ng	0.00
23) Nitrobenzene-d5	9.27	82	636218	97.71	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	442458	141.64	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1364267	91.97	ng	0.00
79) Terphenyl-d14	20.08	244	2254382	91.25	ng	0.00

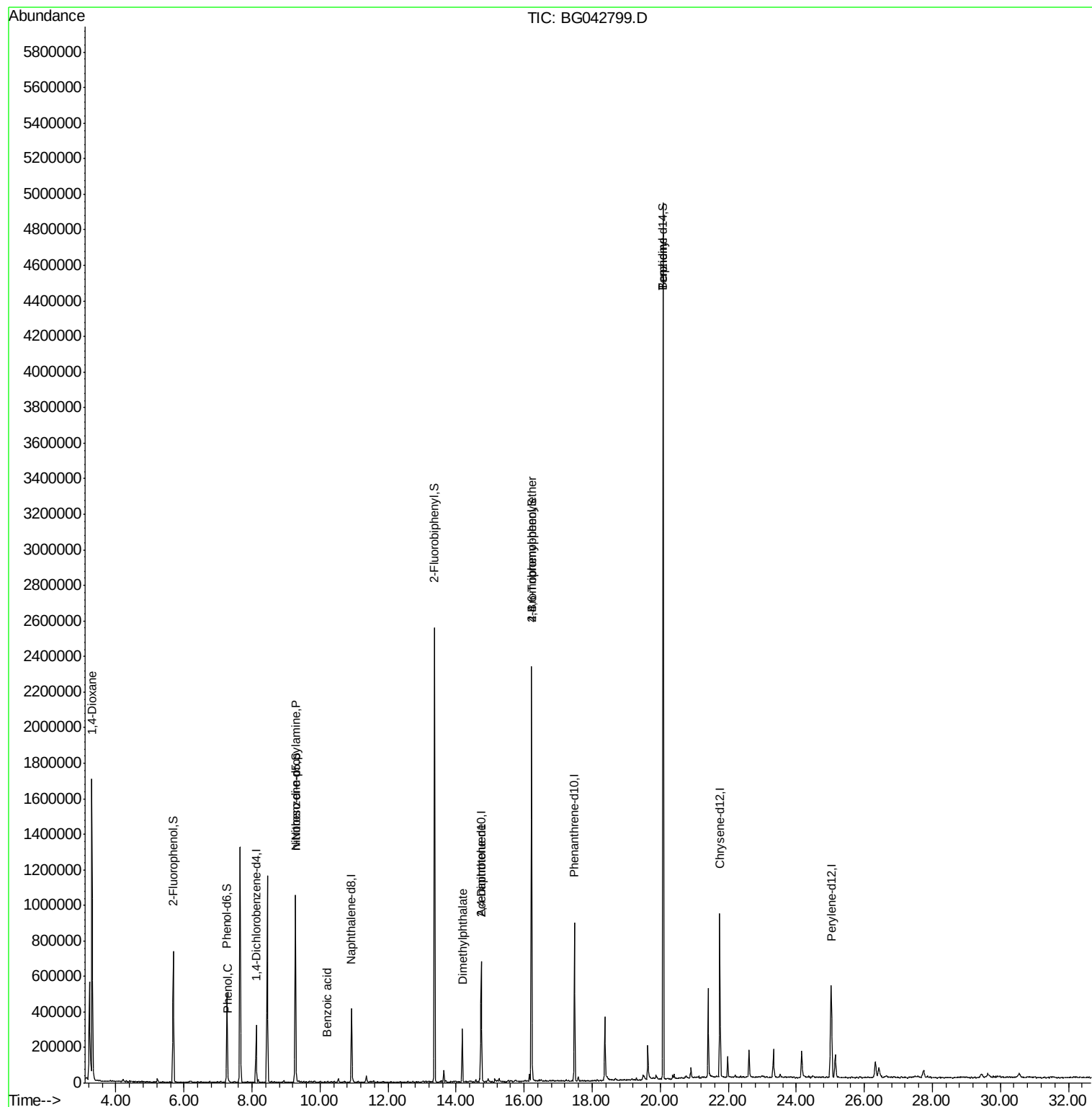
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	13055	5.550	ng	# 1
10) Phenol	7.29	94	15803	2.083	ng	# 93
19) n-Nitroso-di-n-propylamine	9.27	70	91119	16.715	ng	# 72
32) Benzoic acid	10.20	122	159	6.001	ng	# 21
50) Dimethylphthalate	14.18	163	196455	11.169	ng	# 99
57) 2,4-Dinitrotoluene	14.74	165	32602	6.777	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	30453	4.653	ng	# 1
77) Benzidine	20.08	184	38649	2.526	ng	# 92

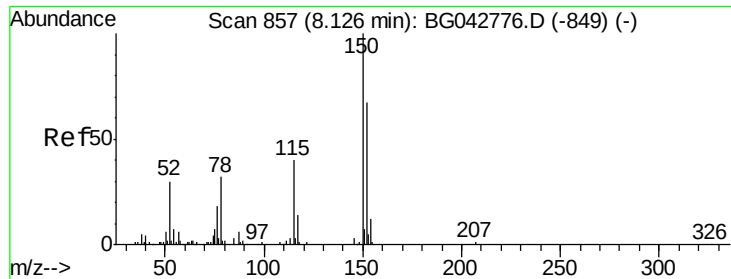
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042799.D
Acq On : 13 Sep 2019 1:58
Operator : HP/JU
Sample : K4712-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 07:05:15 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



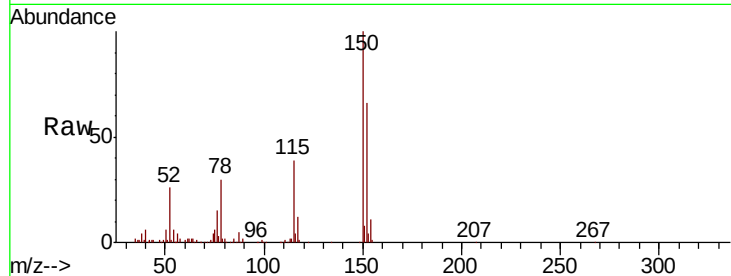


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	118.9	178.3
115	59.1	47.4	71.2

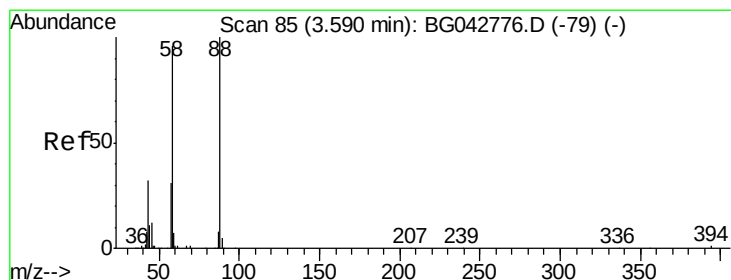
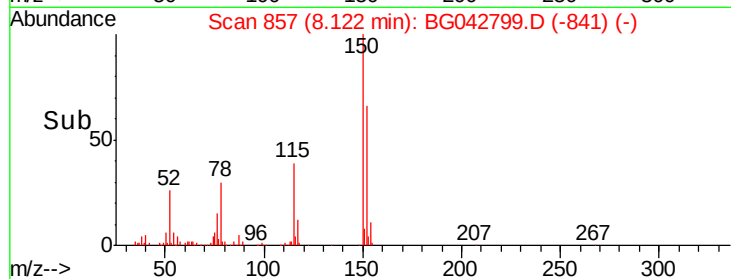
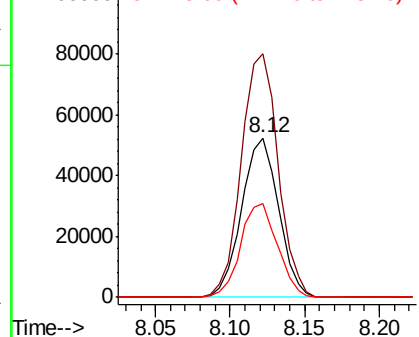


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

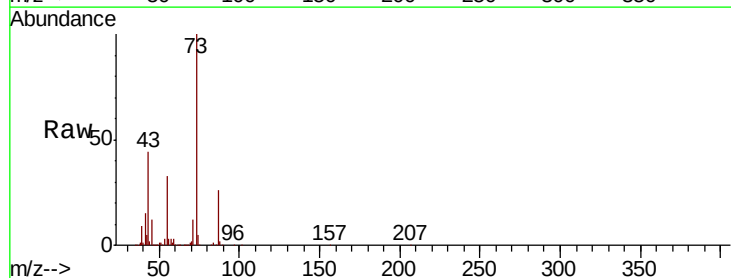
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.550 ng
RT: 3.29 min Scan# 35
Delta R.T. -0.30 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	48.7	79.1	118.7#
43	3166.2	30.4	45.6#

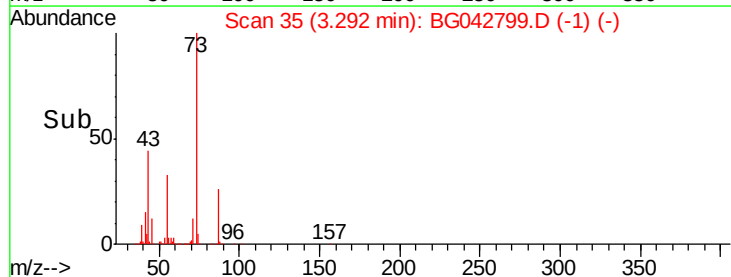
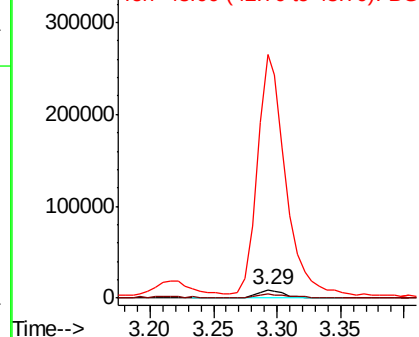


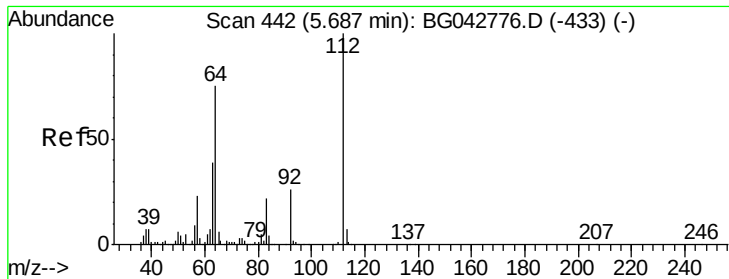
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 57.994 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042799.D

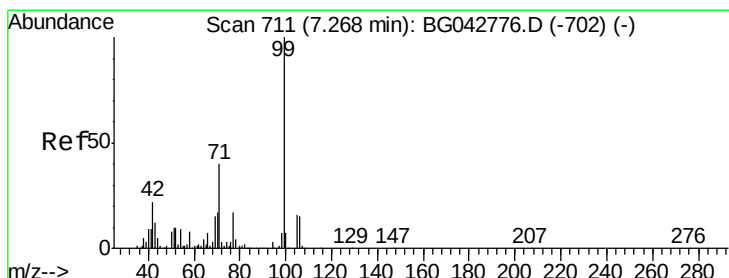
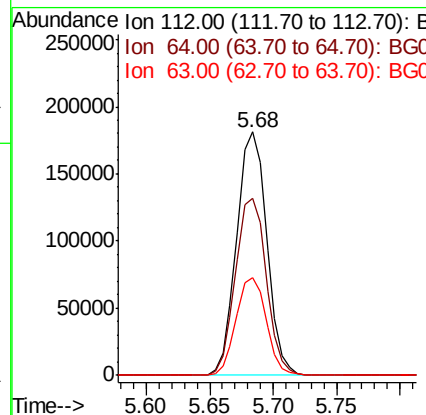
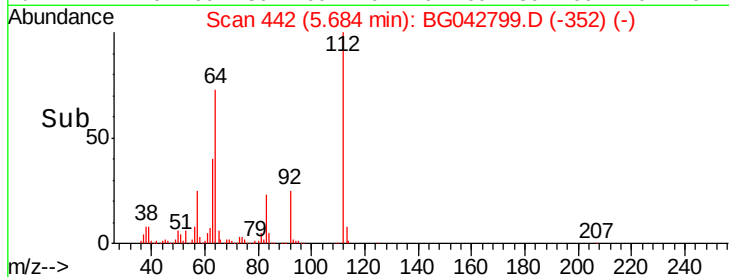
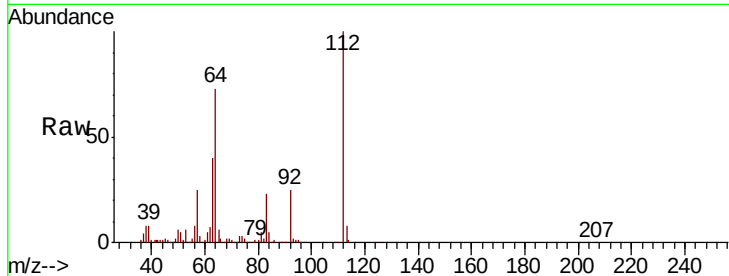
Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	298907
Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.2	90.2
63	40.4	31.2	46.8



#7

Phenol-d6

Concen: 36.188 ng

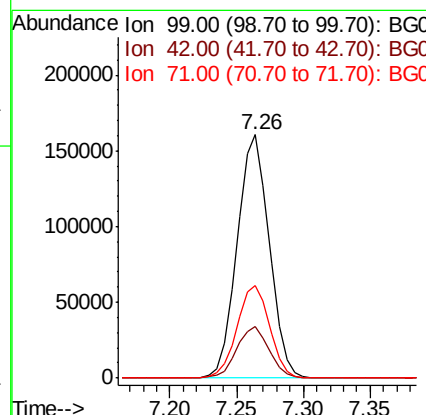
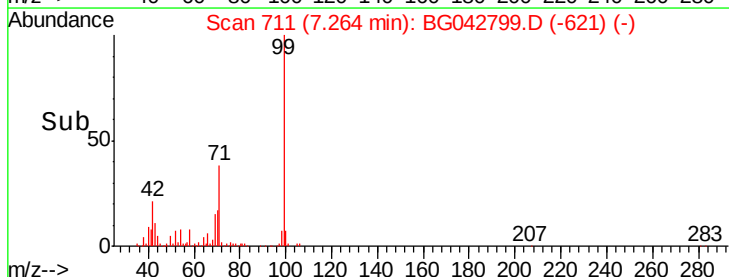
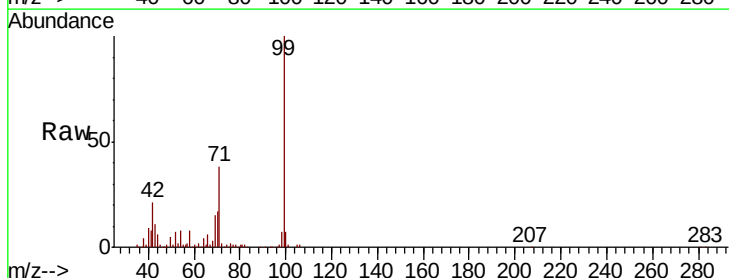
RT: 7.26 min Scan# 711

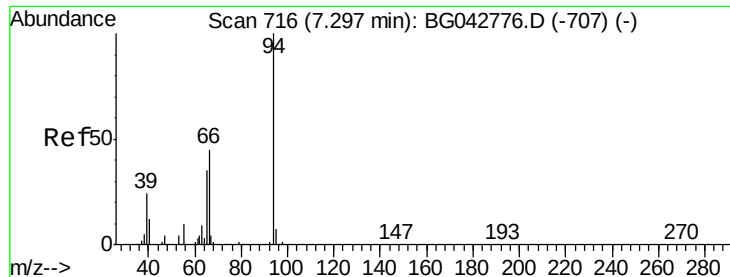
Delta R.T. -0.00 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Tgt Ion:	99	Resp:	267719
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.5	26.3
71	37.9	32.0	48.0





#10

Phenol

Concen: 2.083 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

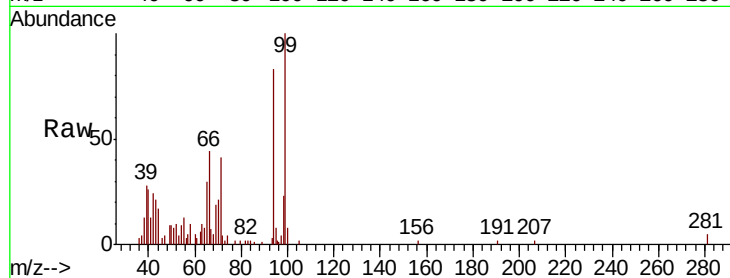
Tot Ion: 94 Resp: 15803

Ion Ratio Lower Upper

94 100

65 36.5 15.0 55.0

66 52.9 26.1 66.1

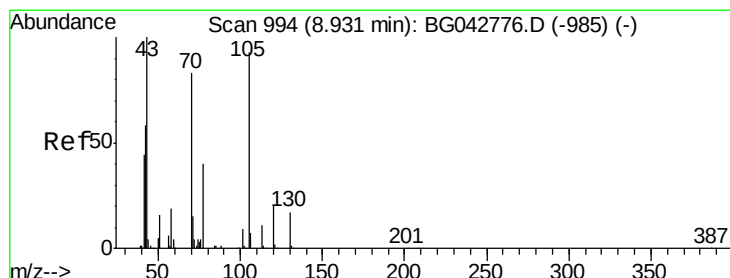
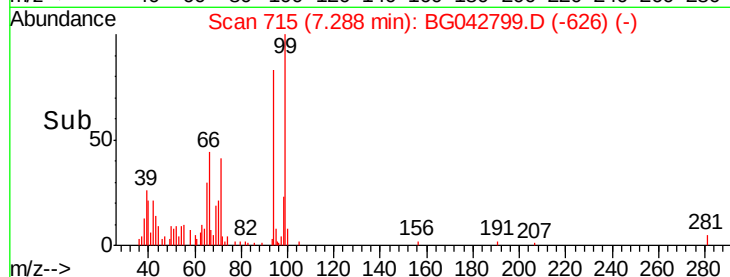
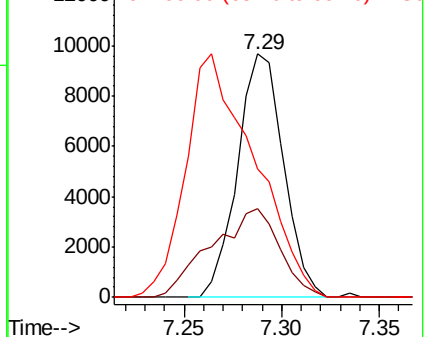


Abundance

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: 16.715 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Tgt Ion: 70 Resp: 91119

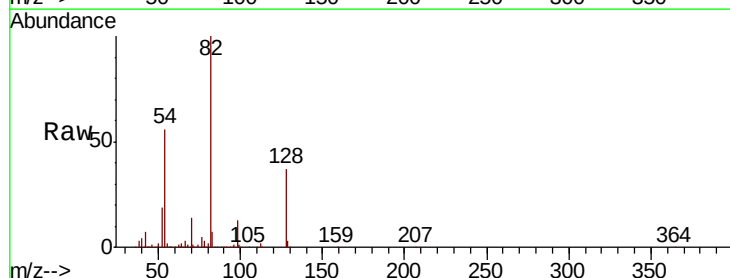
Ion Ratio Lower Upper

70 100

42 50.2 57.0 85.6#

101 0.0 8.4 12.6#

130 2.1 16.1 24.1#



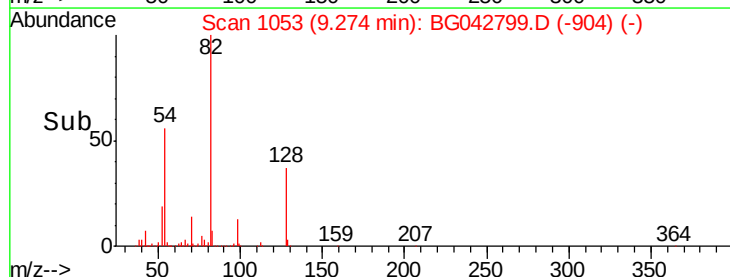
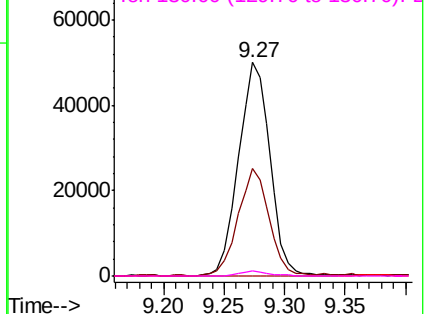
Abundance

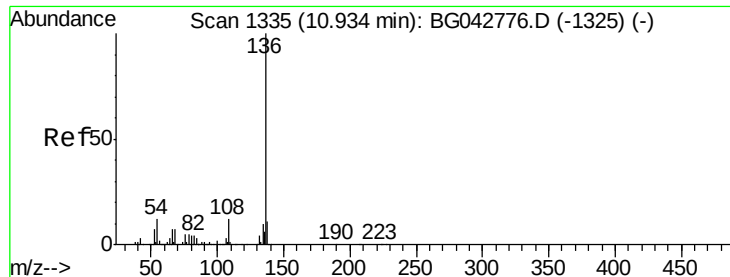
Ion 70.00 (69.70 to 70.70): BGC

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

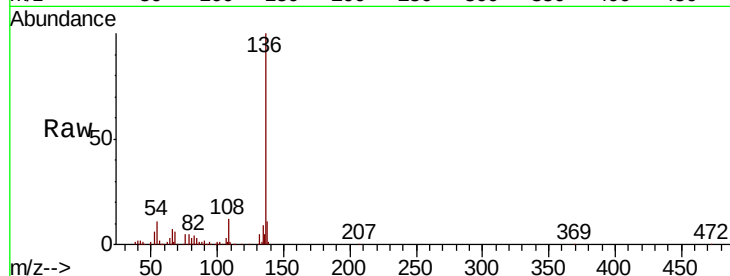




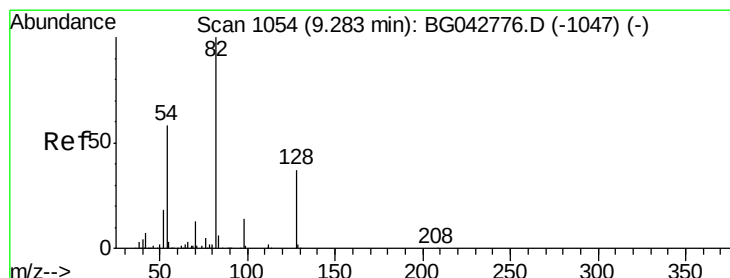
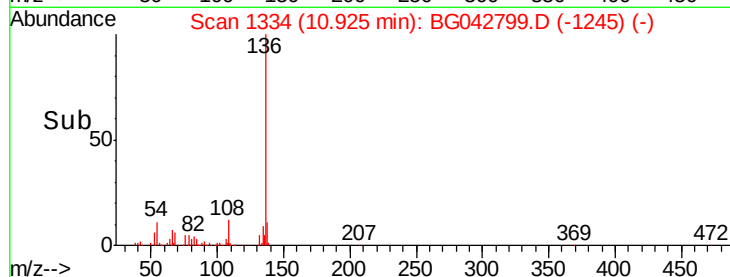
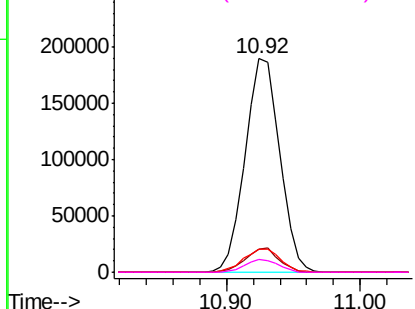
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	339005
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	10.7	9.4 14.0
68	6.2	5.4 8.2

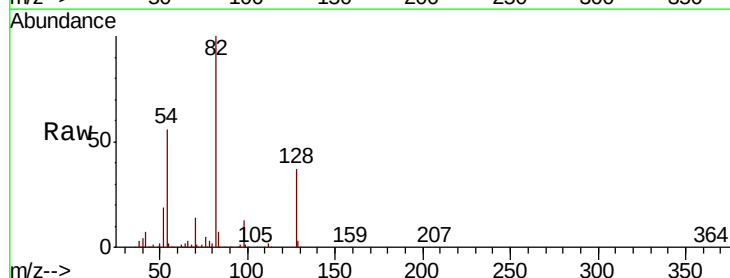


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

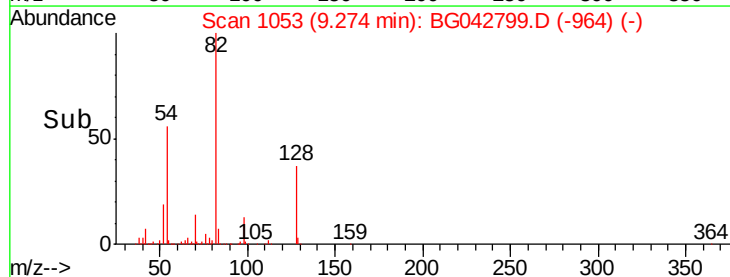
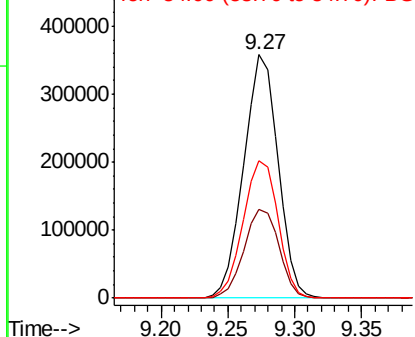


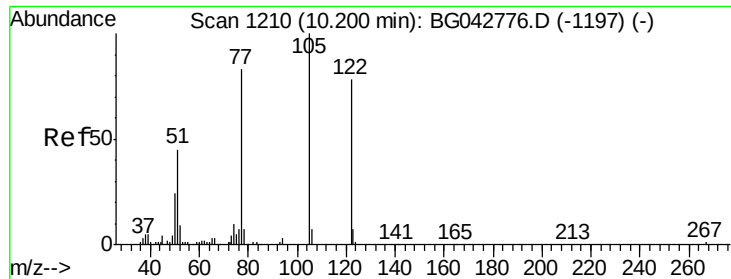
#23
Nitrobenzene-d5
Concen: 97.707 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion: 82	Resp:	636218
Ion Ratio	Lower	Upper
82	100	
128	36.6	29.8 44.8
54	56.4	46.1 69.1



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

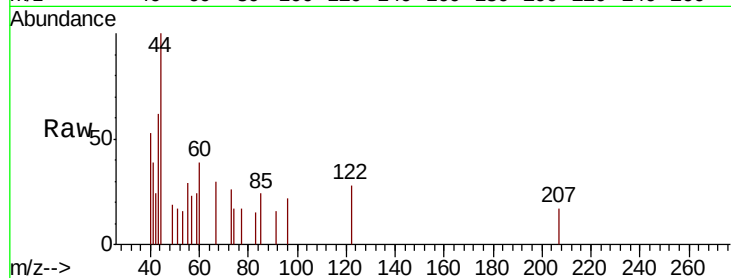




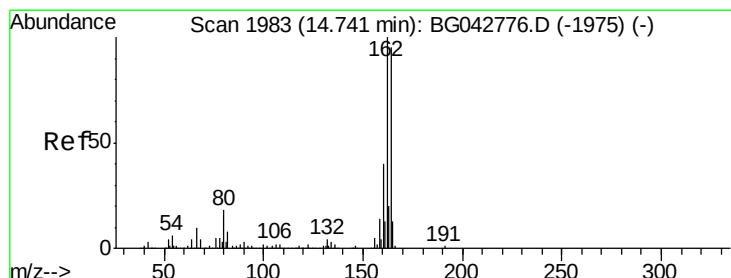
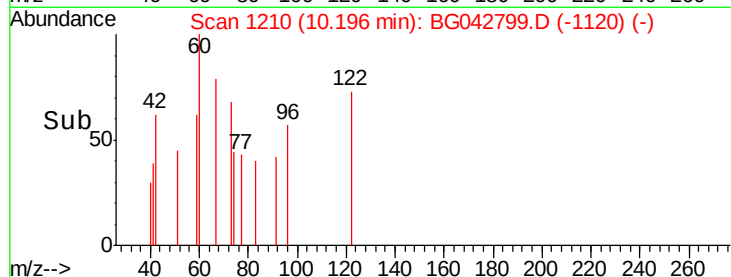
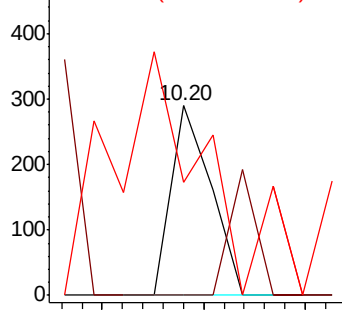
#32
Benzoic acid
Concen: 6.001 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	59.3	84.2	124.2#

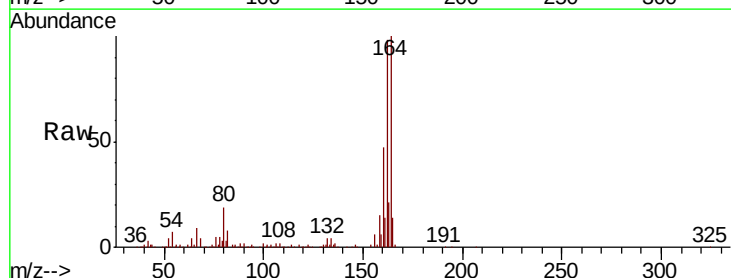


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

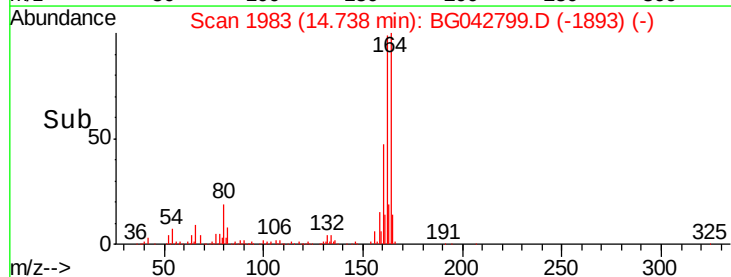
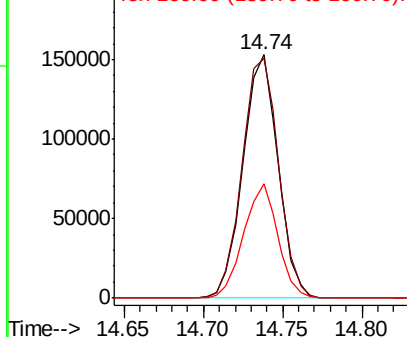


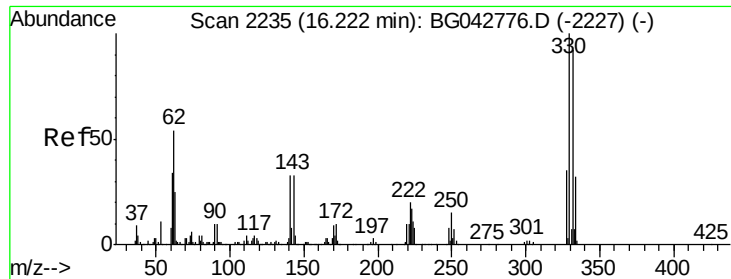
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	84.6	126.8
160	46.9	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

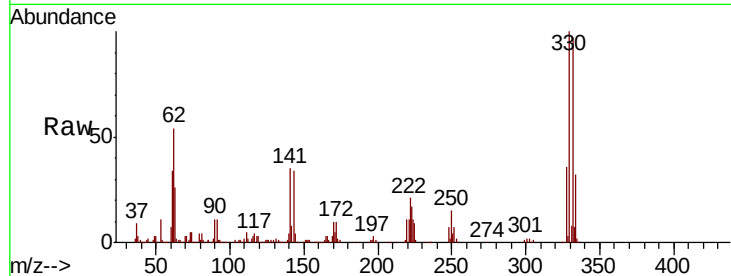




#42
 2,4,6-Tribromophenol
 Concen: 141.640 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042799.D
 Acq: 13 Sep 2019 1:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	35.7	27.0	40.6

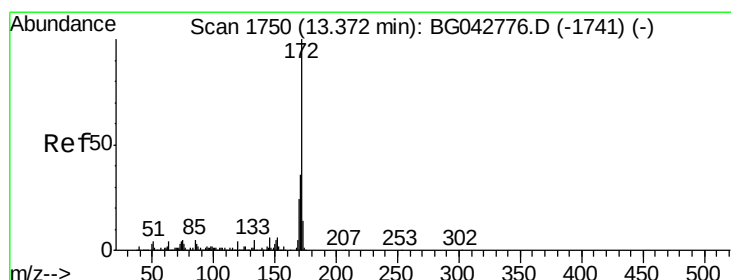
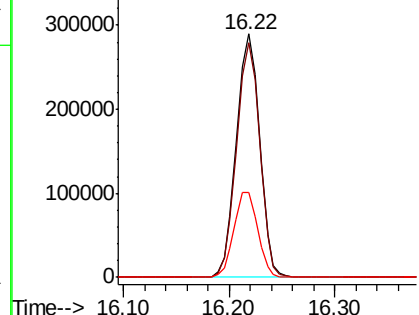
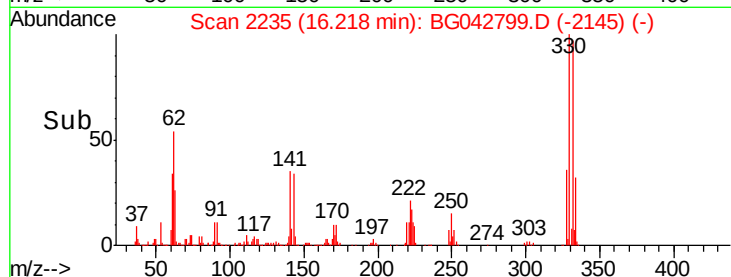


Abundance

Ion 329.80 (329.50 to 330.50): E

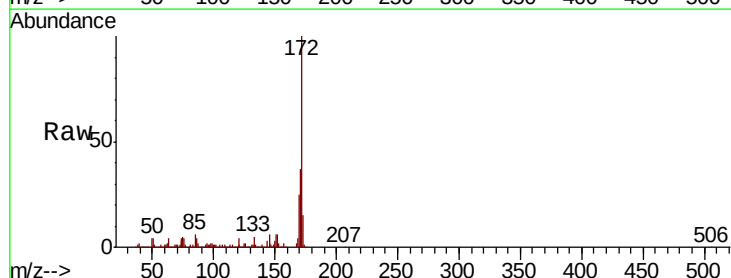
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.974 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042799.D
 Acq: 13 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.3	19.1	28.7

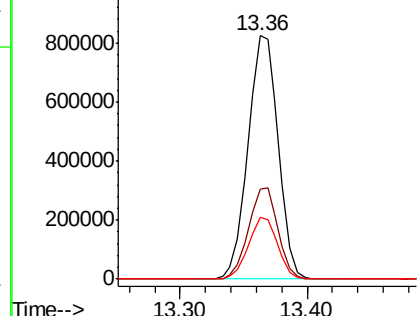
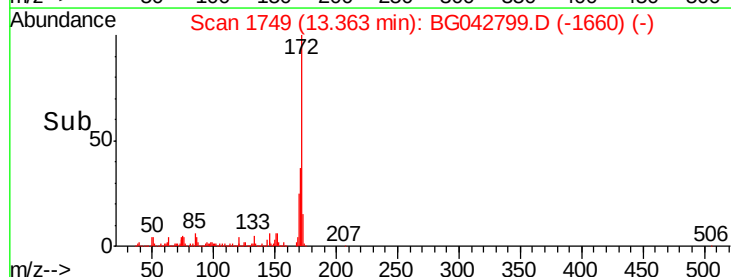


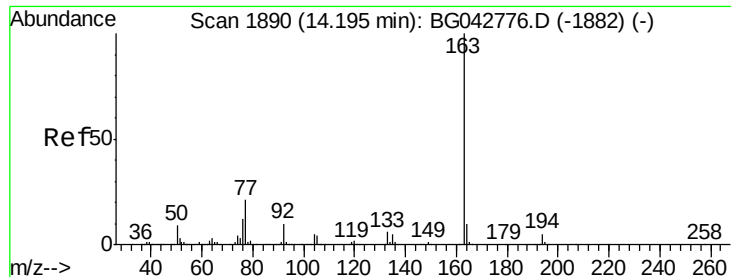
Abundance

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

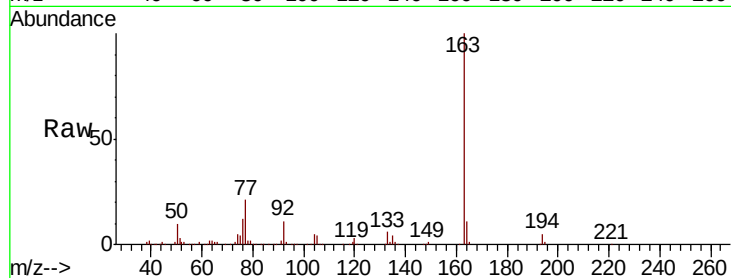




#50
Dimethylphthalate
Concen: 11.169 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.4
164	10.7	8.4	12.6

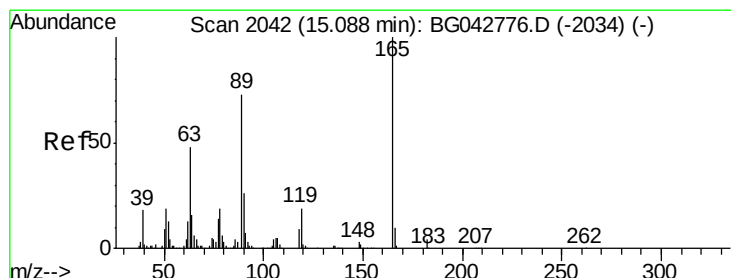
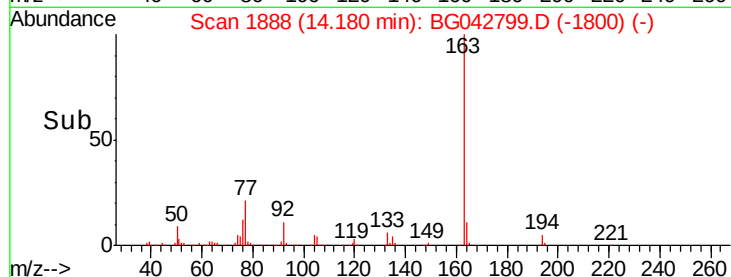
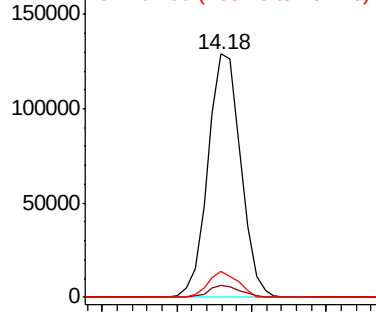


Abundance

Ion 163.00 (162.70 to 163.70): E

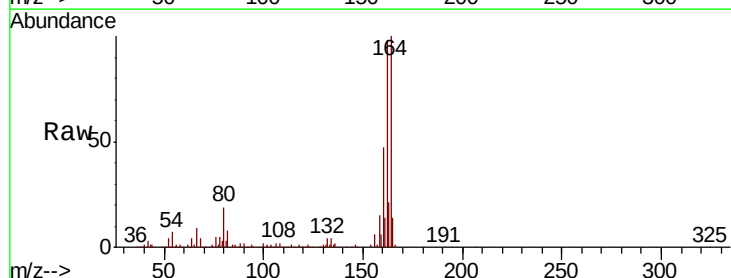
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.35 min
Lab File: BG042799.D
Acq: 13 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	38.3	57.5#
89	0.8	58.4	87.6#
182	0.0	2.9	4.3#



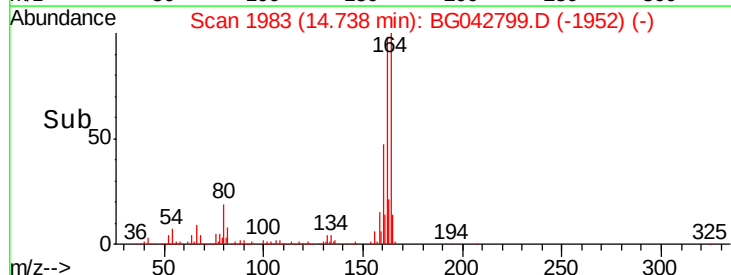
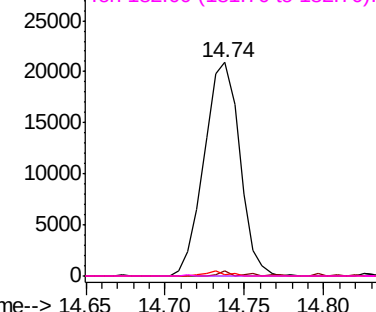
Abundance

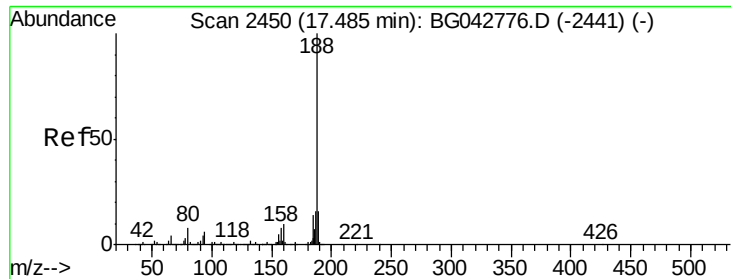
Ion 165.00 (164.70 to 165.70): E

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: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampled :

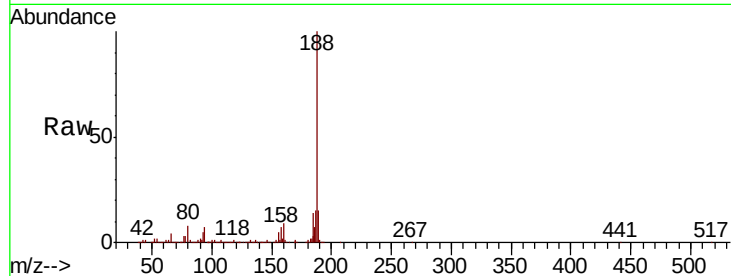
Tot Ion:188 Resp: 540775

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

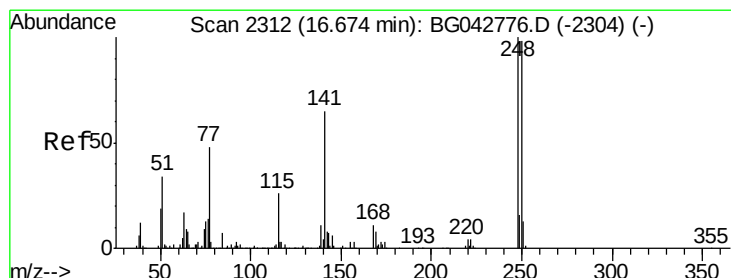
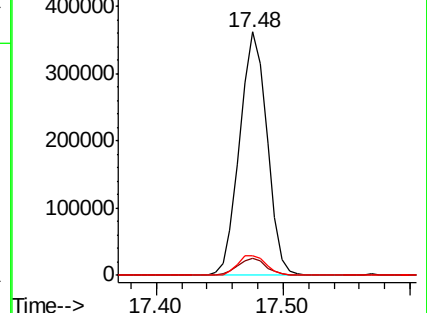
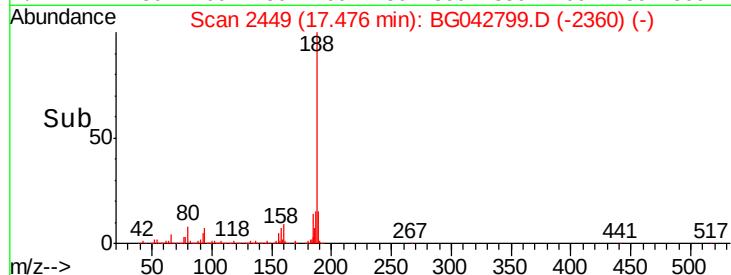
80 7.9 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.653 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

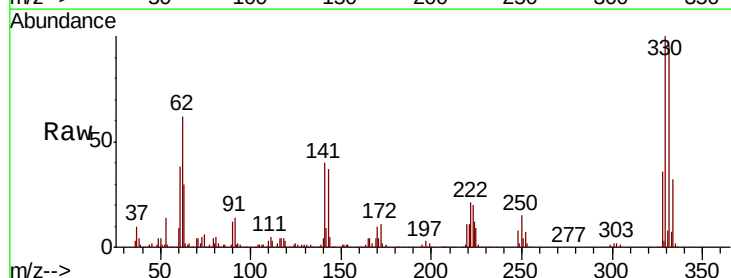
Tgt Ion:248 Resp: 30453

Ion Ratio Lower Upper

248 100

250 199.3 78.0 117.0#

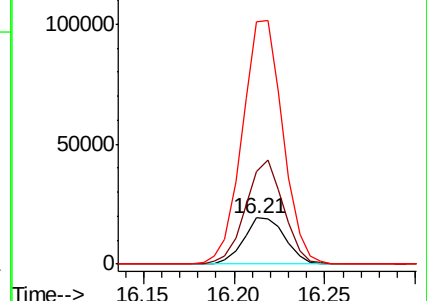
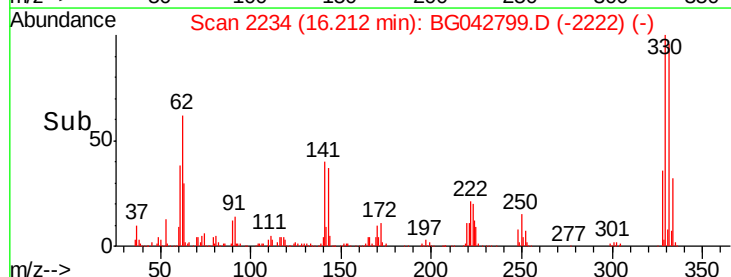
141 523.4 51.8 77.6#

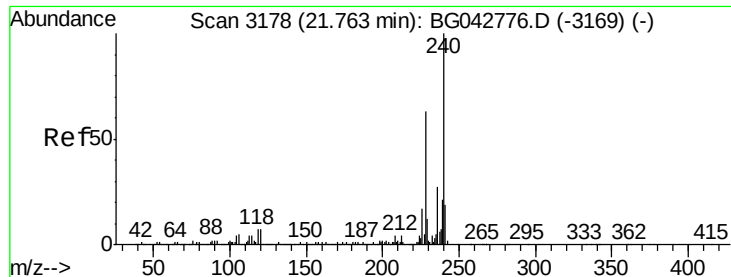


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

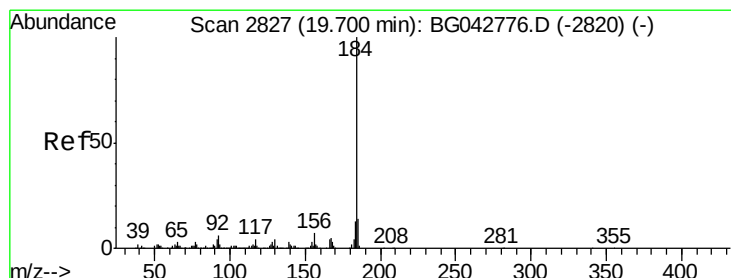
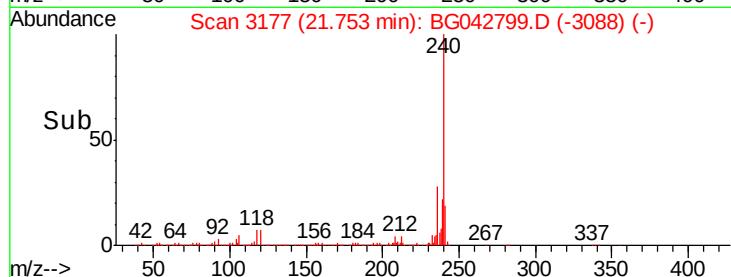
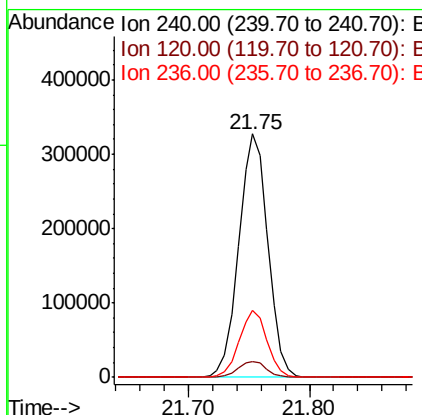
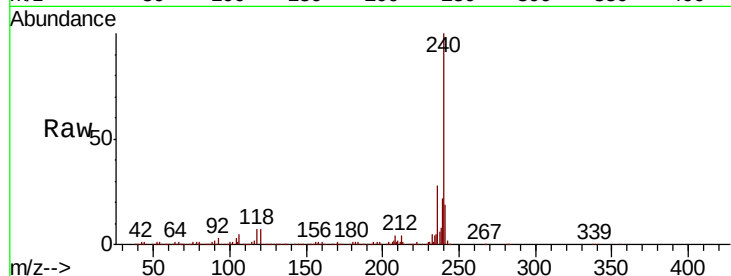




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042799.D
 Acq: 13 Sep 2019 1:58

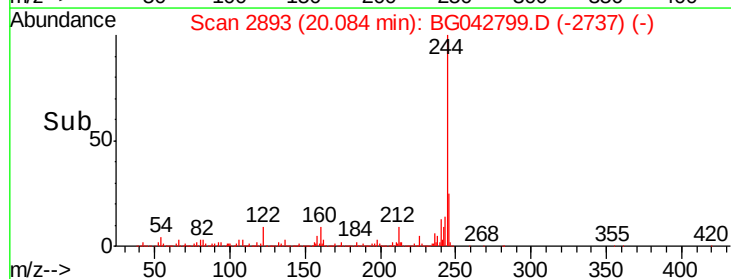
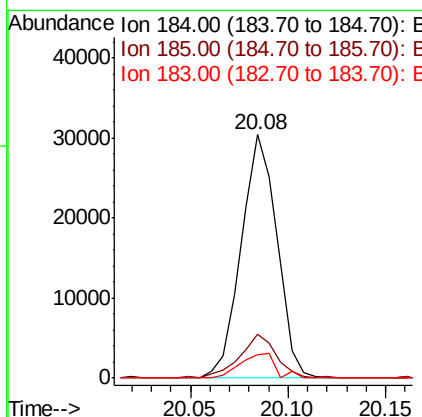
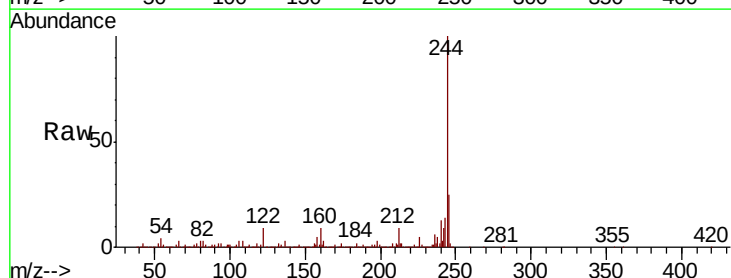
Instrument :
 BNA_G
 ClientSampleId :

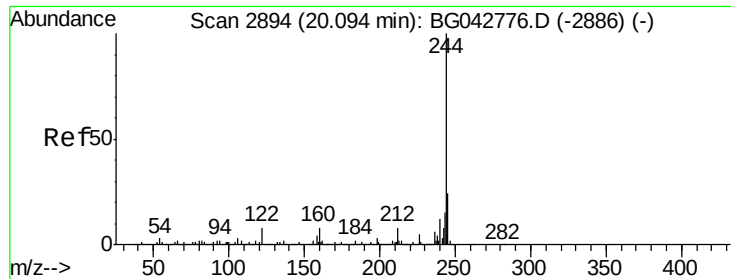
Tot Ion:240 Resp: 547534
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.4 8.2
 236 27.7 21.7 32.5



#77
 Benzidine
 Concen: 2.526 ng
 RT: 20.08 min Scan# 2893
 Delta R.T. 0.38 min
 Lab File: BG042799.D
 Acq: 13 Sep 2019 1:58

Tgt Ion:184 Resp: 38649
 Ion Ratio Lower Upper
 184 100
 185 17.9 11.6 17.4#
 183 9.6 10.4 15.6#





#79

Terphenyl-d14

Concen: 91.252 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

Instrument :

BNA_G

ClientSampleId :

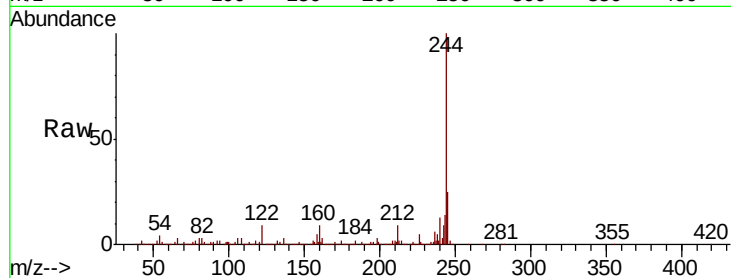
Tot Ion:244 Resp: 2254382

Ion Ratio Lower Upper

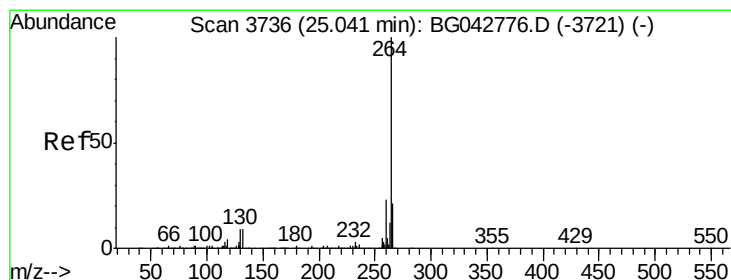
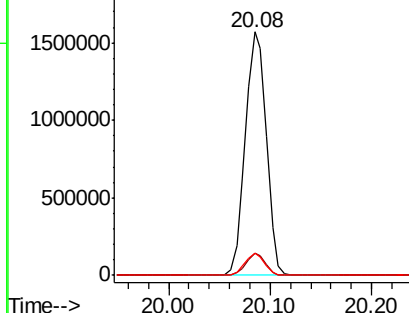
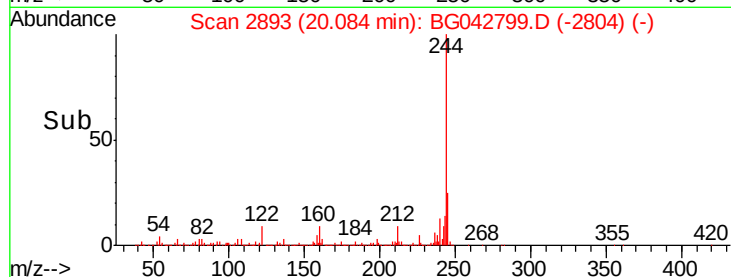
244 100

212 9.2 6.6 10.0

122 9.3 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: 25.03 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG042799.D

Acq: 13 Sep 2019 1:58

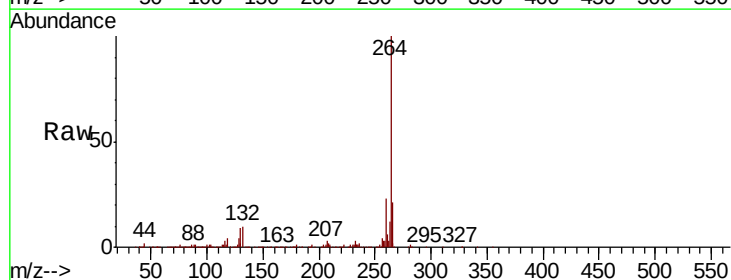
Tgt Ion:264 Resp: 598465

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.5 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

