

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042994.D
 Acq On : 2 Oct 2019 21:01
 Operator : JU
 Sample : K5127-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Quant Time: Oct 03 04:28:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

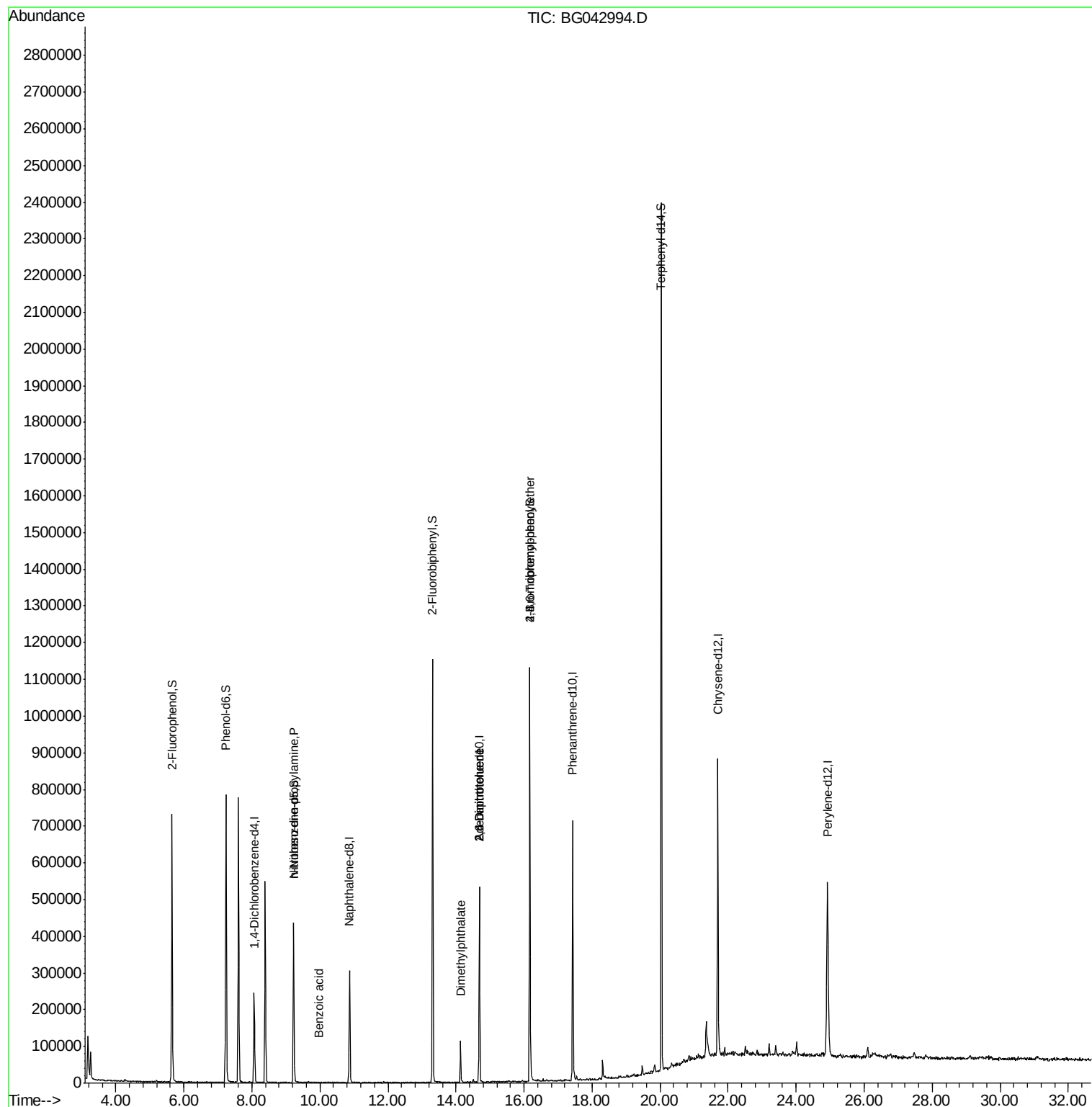
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68792	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261379	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	194802	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	458667	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	495293	20.00	ng	-0.02
87) Perylene-d12	24.92	264	582300	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	307836	79.86	ng	0.00
7) Phenol-d6	7.24	99	447819	80.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	277354	51.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	248786	74.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	630551	46.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1182628	50.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	38928	10.680	ng	# 72
32) Benzoic acid	9.96	122	54	2.821	ng	# 1
50) Dimethylphthalate	14.14	163	74731	5.120	ng	# 98
51) 2,6-Dinitrotoluene	14.68	165	26838	8.634	ng	# 20
57) 2,4-Dinitrotoluene	14.68	165	26838	5.896	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	16131	2.802	ng	# 1

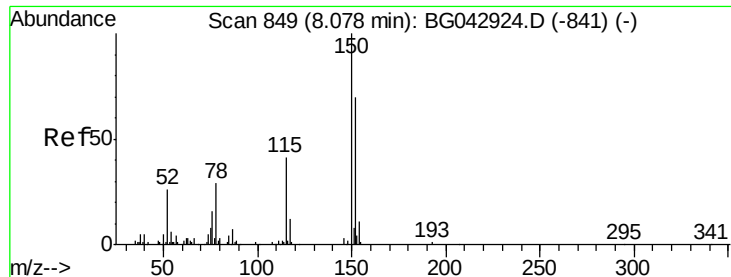
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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20190772-SS-COMPOSITE-12

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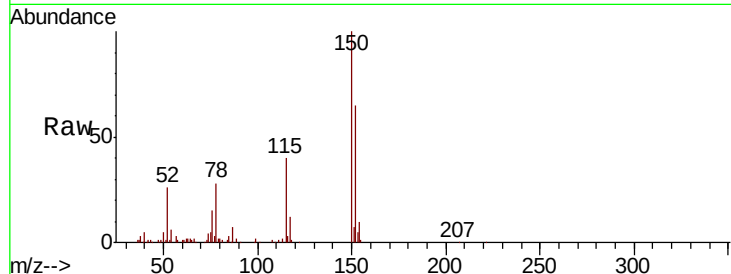


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	115.0	172.4
115	60.9	47.0	70.6

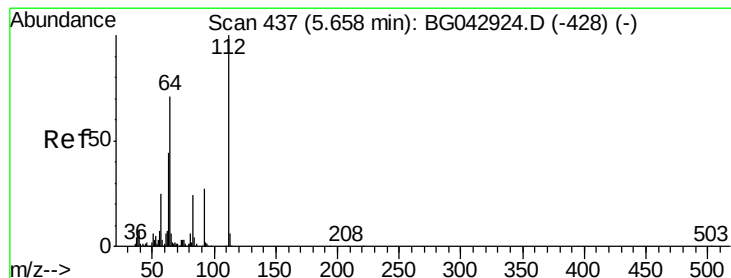
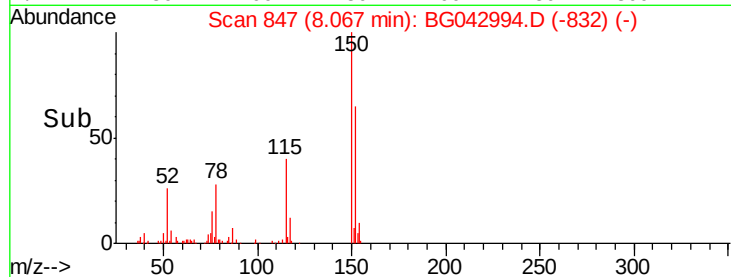
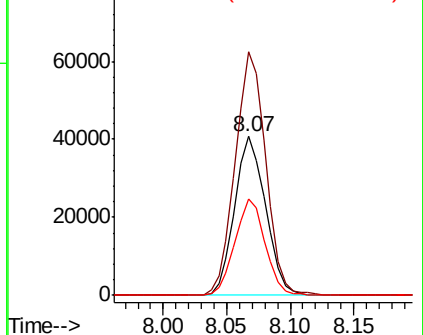


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

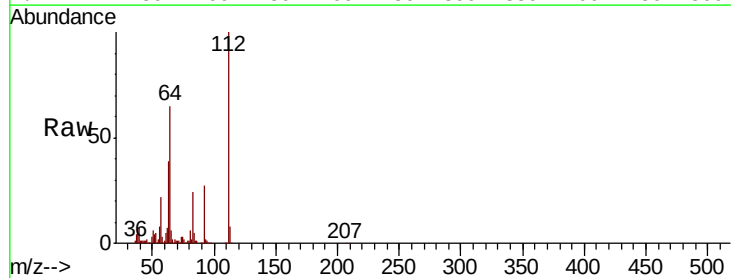
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.860 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.6	84.8
63	39.5	35.1	52.7

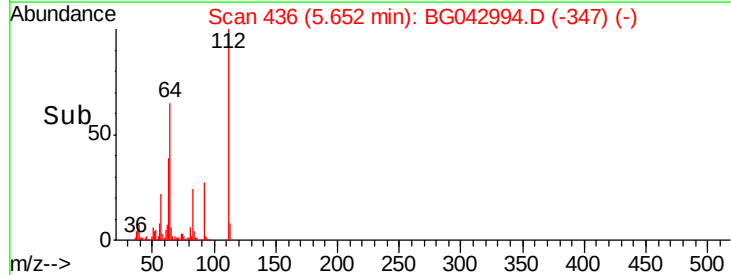
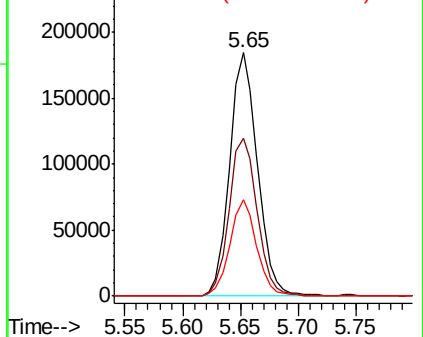


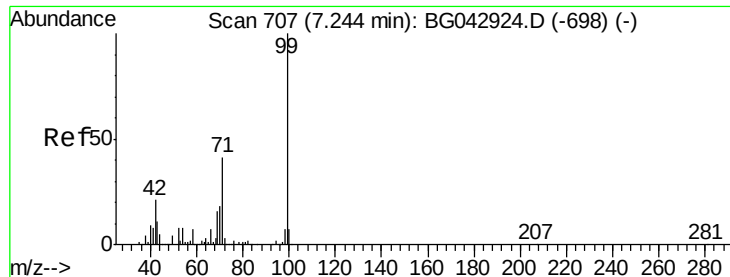
Abundance

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: 80.673 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042994.D

Acq: 2 Oct 2019 21:01

Instrument :

BNA_G

ClientSampleId :

20190772-SS-COMPOSITE-12

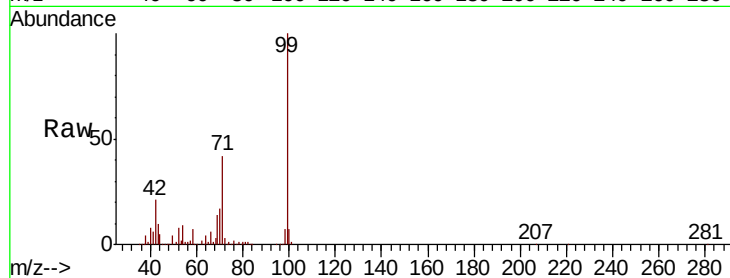
Tot Ion: 99 Resp: 447819

Ion Ratio Lower Upper

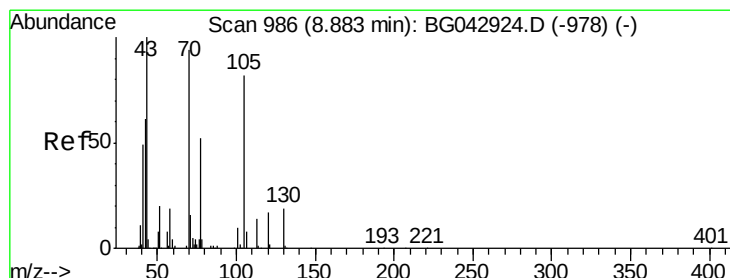
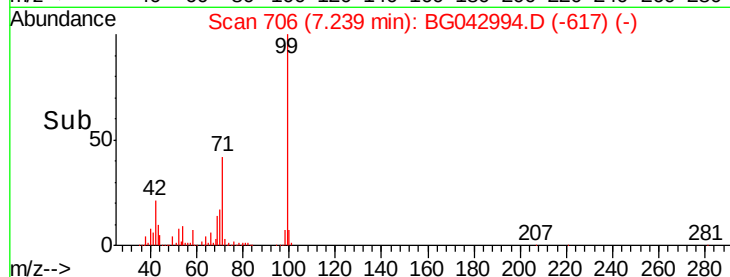
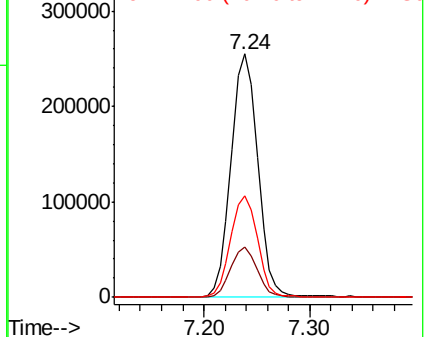
99 100

42 20.9 17.2 25.8

71 41.9 33.1 49.7



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: 10.680 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.34 min

Lab File: BG042994.D

Acq: 2 Oct 2019 21:01

Tgt Ion: 70 Resp: 38928

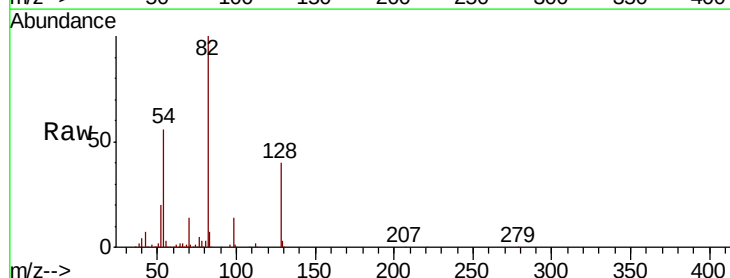
Ion Ratio Lower Upper

70 100

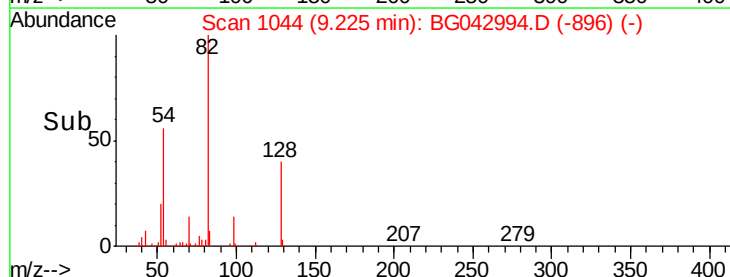
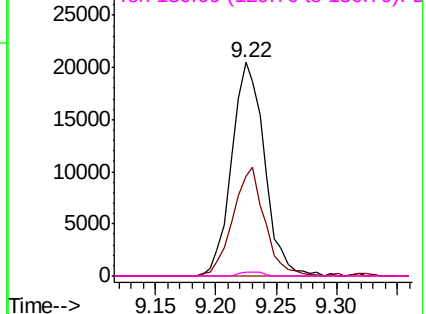
42 46.5 52.6 79.0#

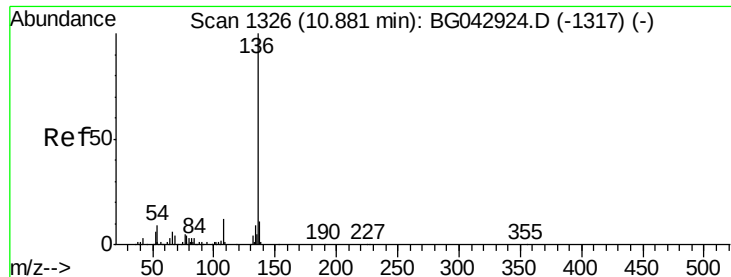
101 0.0 8.7 13.1#

130 1.7 15.8 23.8#



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

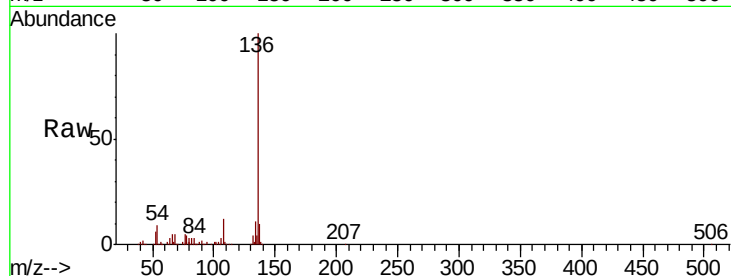




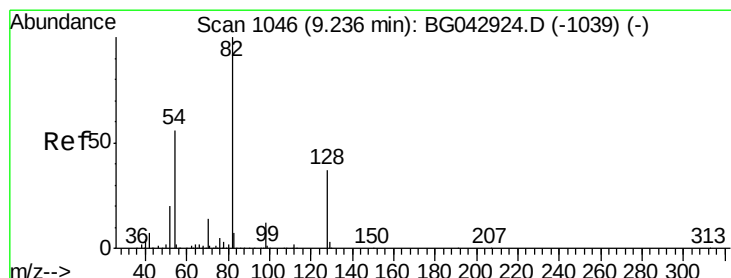
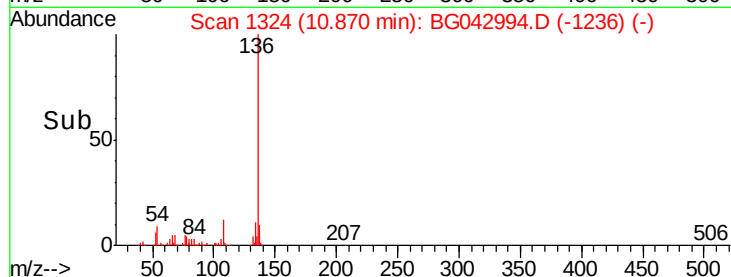
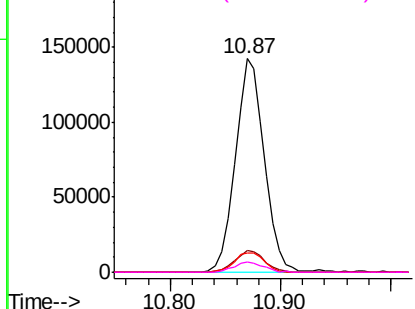
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion:136	Resp:	261379
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.5 12.7
54	8.8	7.4 11.2
68	4.9	3.6 5.4

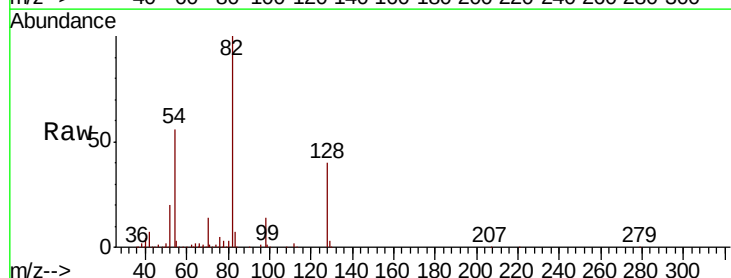


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

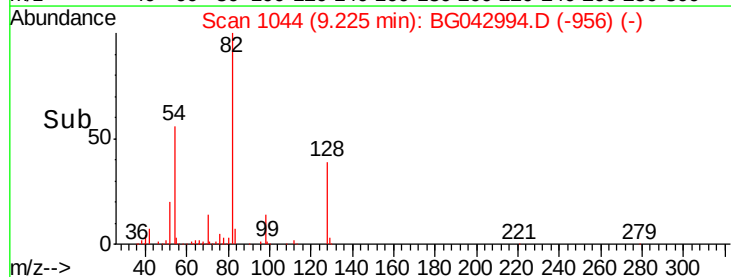
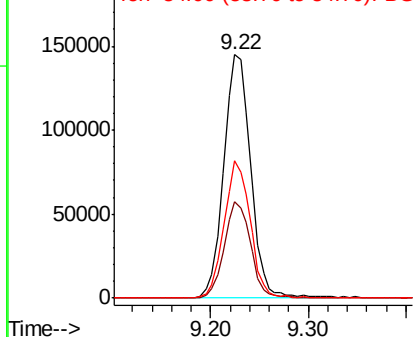


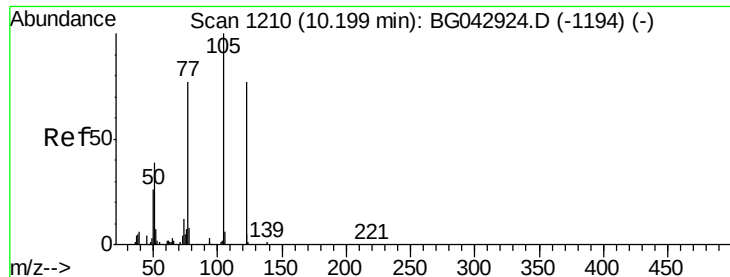
#23
Nitrobenzene-d5
Concen: 51.576 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion: 82	Resp:	277354
Ion	Ratio	Lower Upper
82	100	
128	39.5	29.5 44.3
54	56.4	44.6 67.0



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

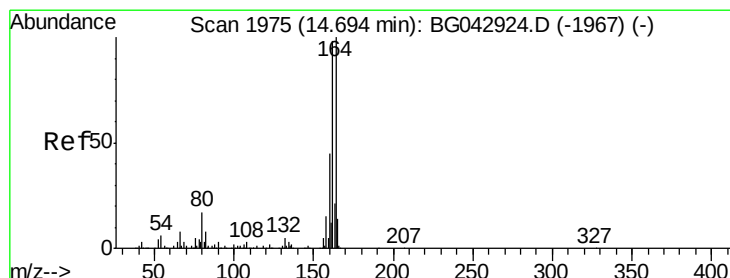
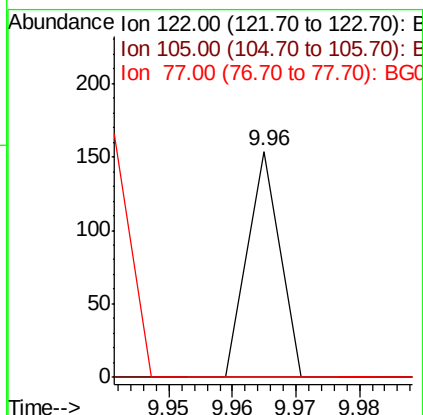
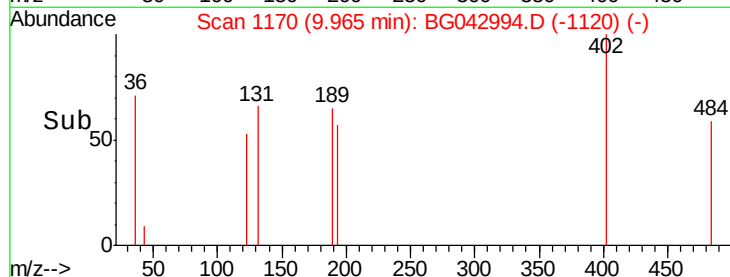
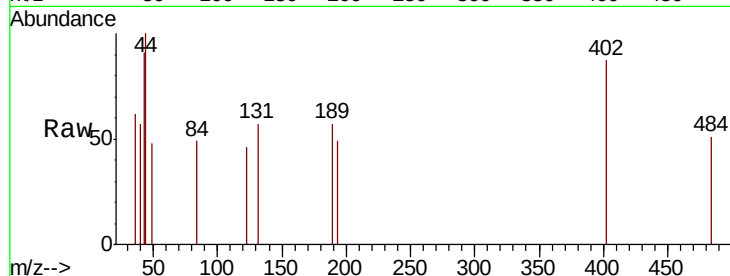




#32
Benzoic acid
Concen: 2.821 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.23 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

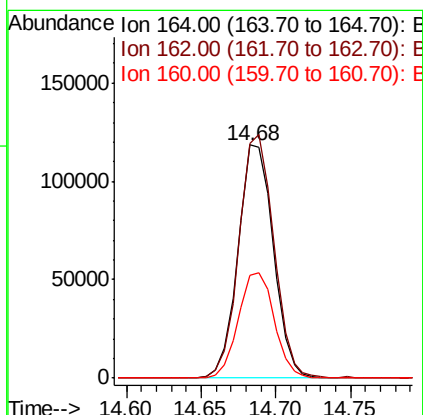
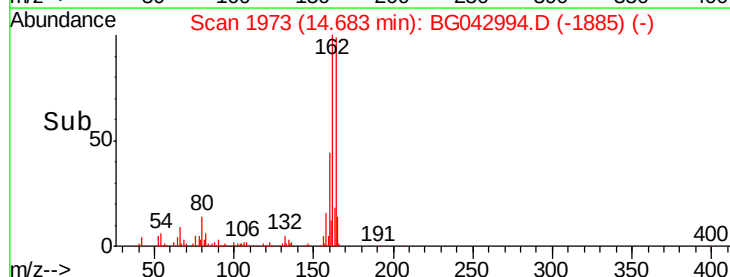
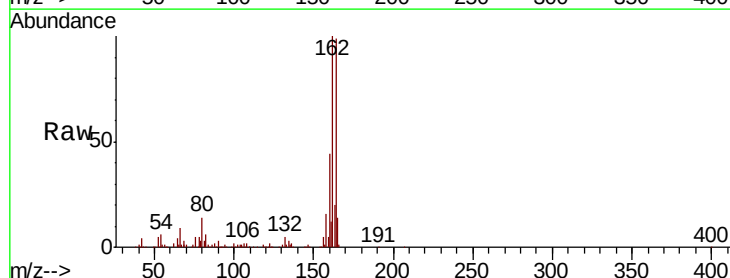
Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

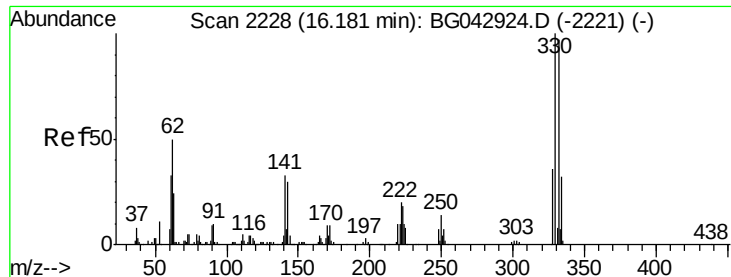
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 107.5 147.5#
77 0.0 79.8 119.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:164 Resp: 194802
Ion Ratio Lower Upper
164 100
162 101.0 78.5 117.7
160 44.3 35.9 53.9

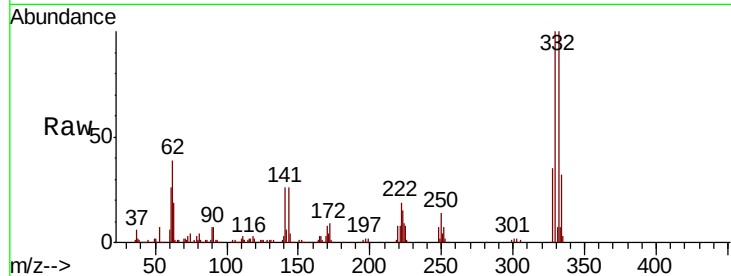




#42
 2,4,6-Tribromophenol
 Concen: 74.270 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042994.D
 Acq: 2 Oct 2019 21:01

Instrument :
 BNA_G
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	30.0	26.0	39.0

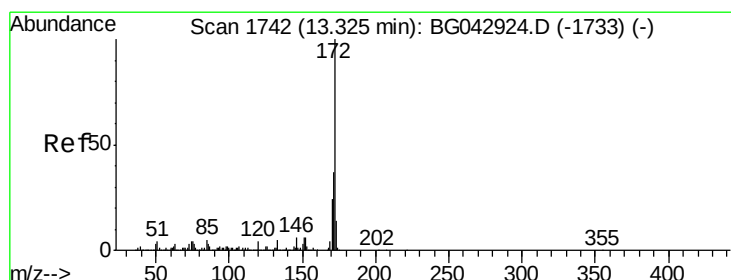
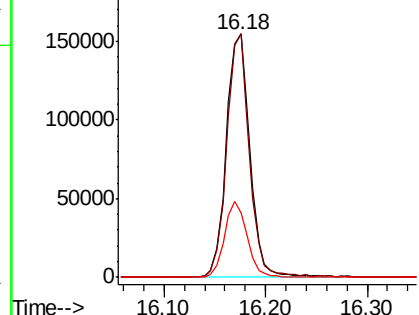
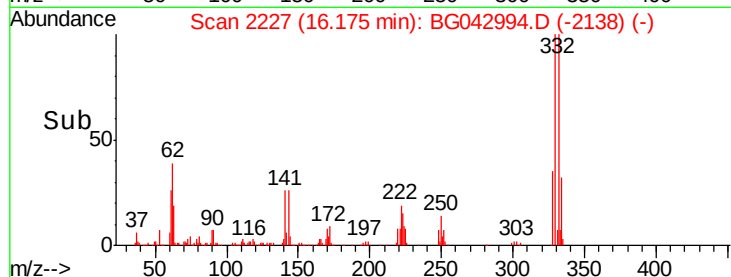


Abundance

Ion 329.80 (329.50 to 330.50): E

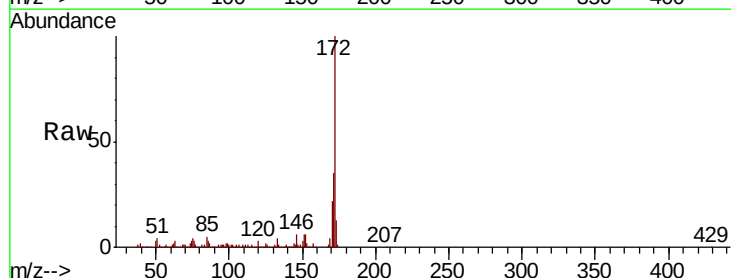
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 46.925 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG042994.D
 Acq: 2 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.1	19.6	29.4

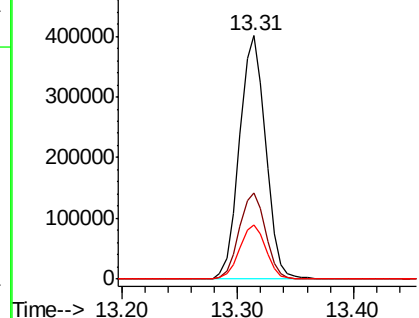
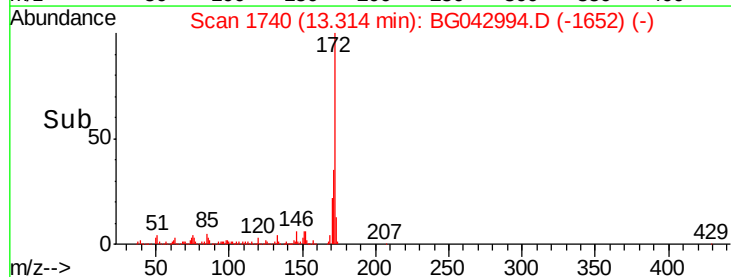


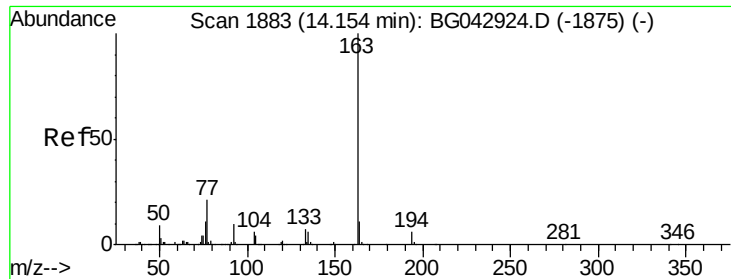
Abundance

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

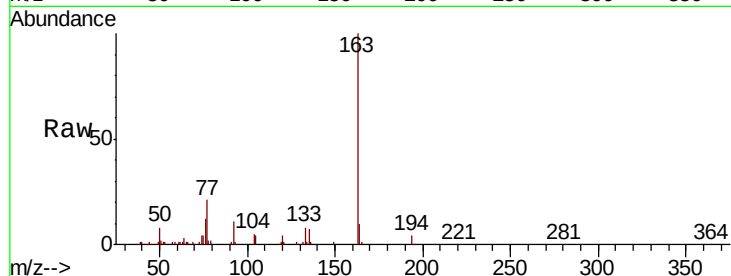




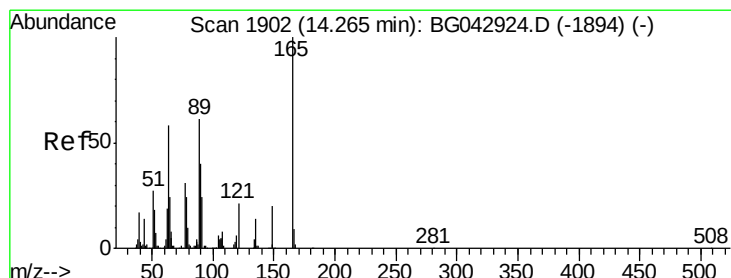
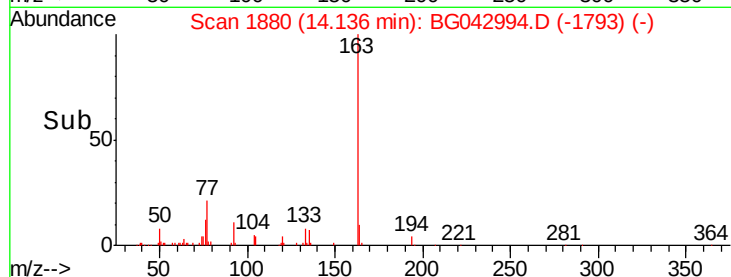
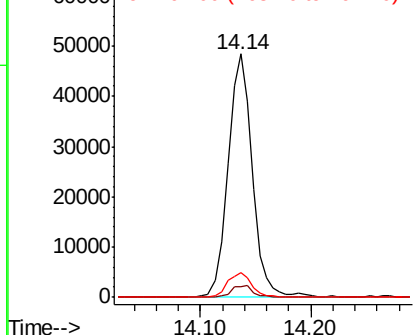
#50
Dimethylphthalate
Concen: 5.120 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion:163 Resp: 74731
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.3 8.6 12.8

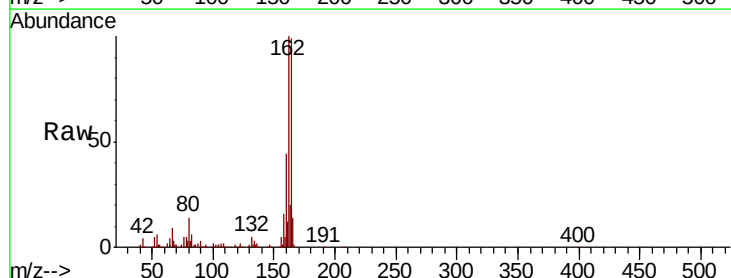


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

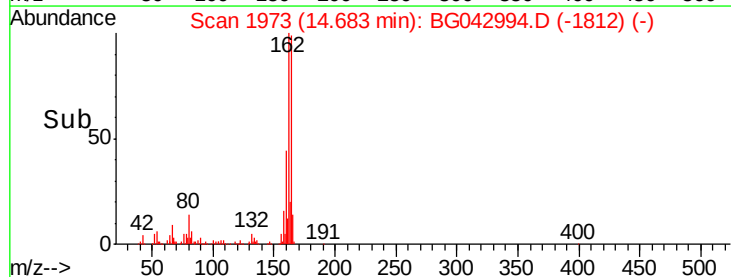
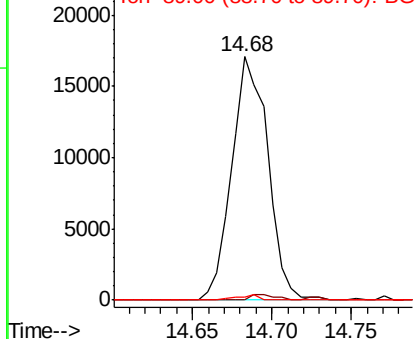


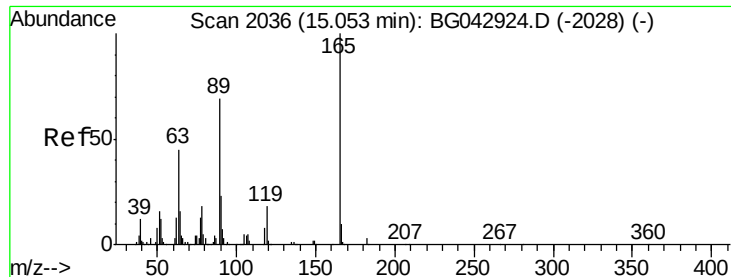
#51
2,6-Dinitrotoluene
Concen: 8.634 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:165 Resp: 26838
Ion Ratio Lower Upper
165 100
63 0.0 50.3 75.5#
89 1.3 48.9 73.3#



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

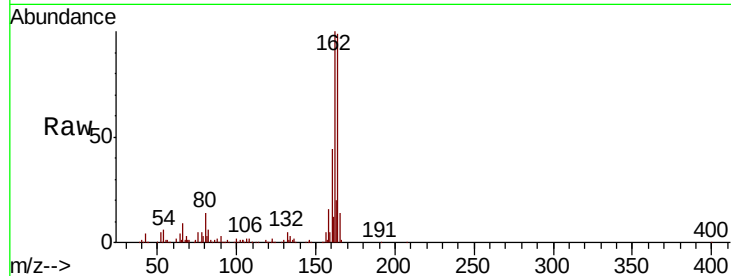




#57
 2,4-Dinitrotoluene
 Concen: 5.896 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG042994.D
 Acq: 2 Oct 2019 21:01

Instrument :
 BNA_G
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.3	55.5	83.3#
182	0.0	2.4	3.6#



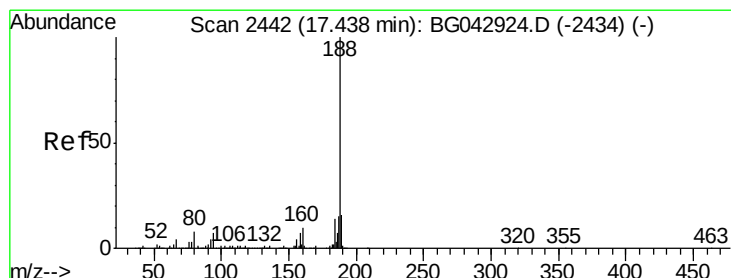
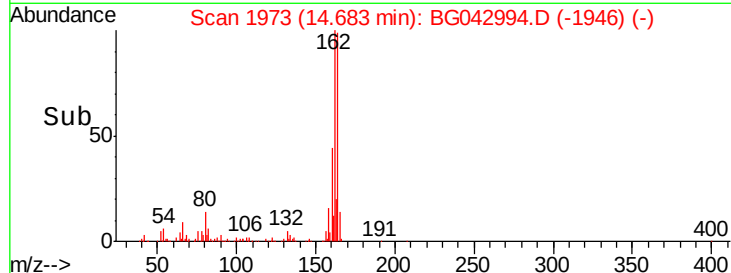
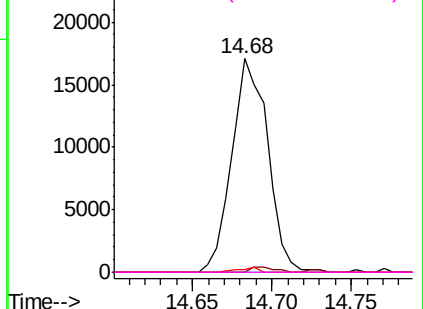
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

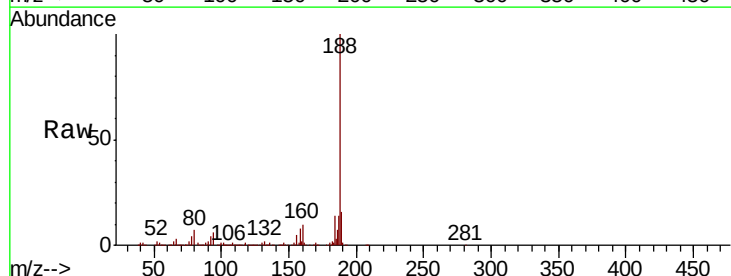
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG042994.D
 Acq: 2 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	7.2	6.5	9.7

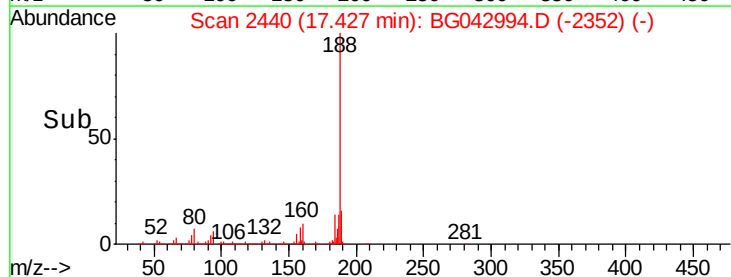
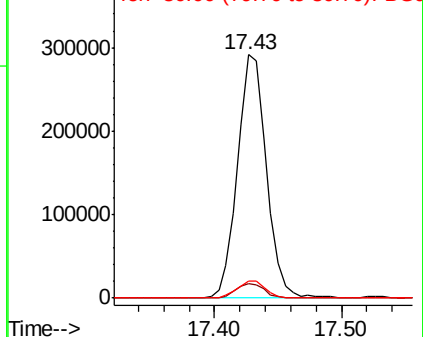


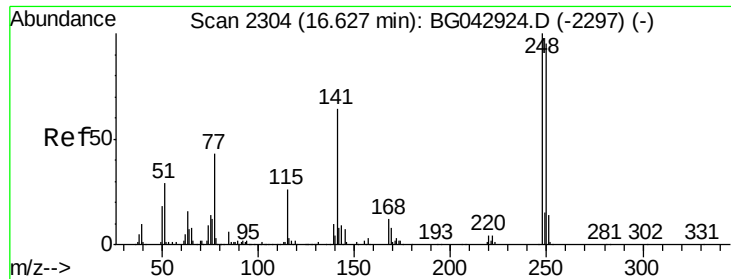
Abundance

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

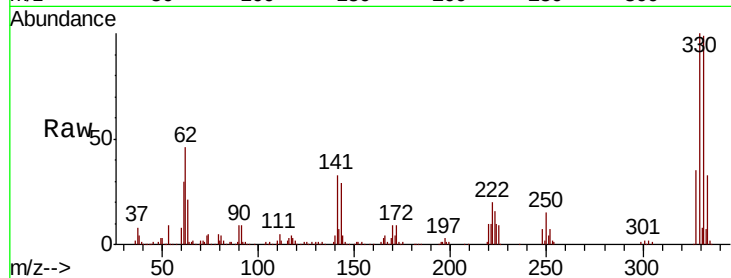




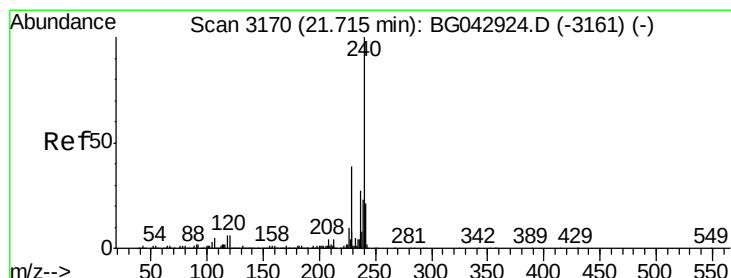
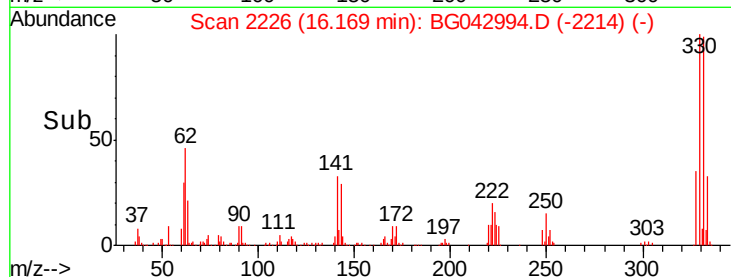
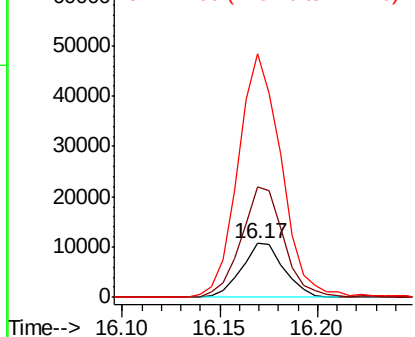
#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion:248 Resp: 16131
Ion Ratio Lower Upper
248 100
250 206.8 75.8 113.8#
141 454.6 51.1 76.7#

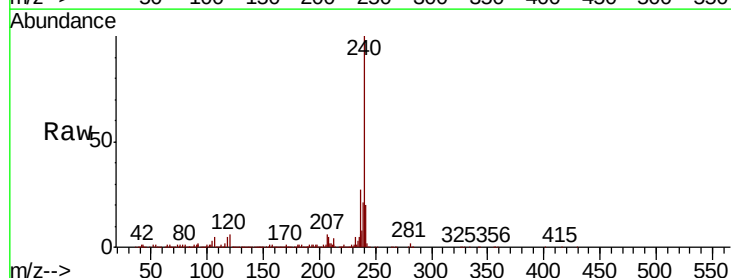


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

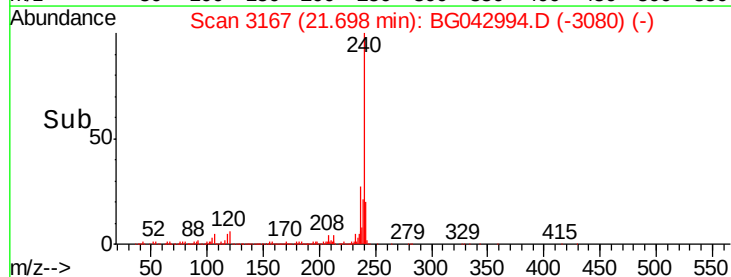
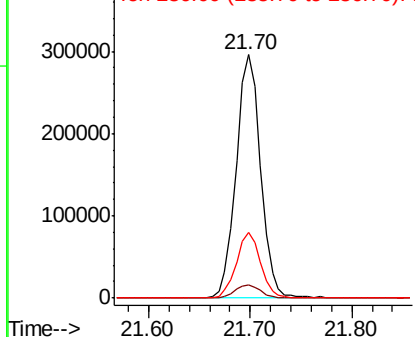


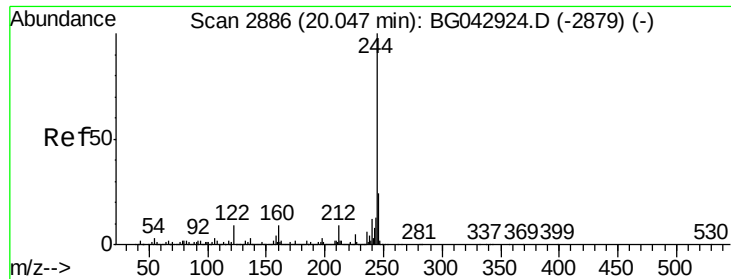
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:240 Resp: 495293
Ion Ratio Lower Upper
240 100
120 5.6 4.8 7.2
236 27.1 21.4 32.0



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: 50.880 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG042994.D

Acq: 2 Oct 2019 21:01

Instrument :

BNA_G

ClientSampleId :

20190772-SS-COMPOSITE-12

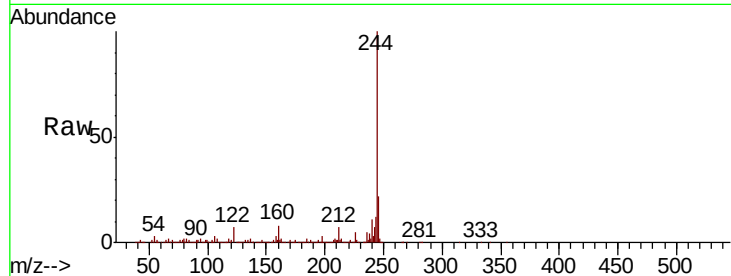
Tot Ion:244 Resp: 1182628

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.0#

122 7.1 7.0 10.4

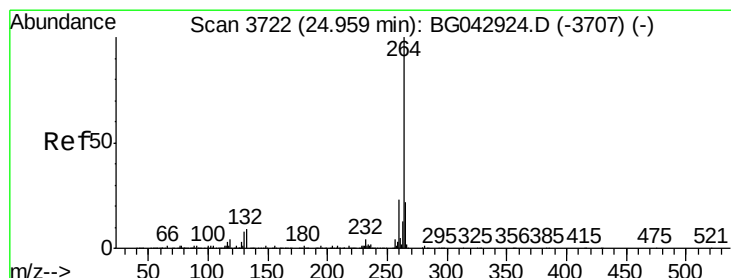
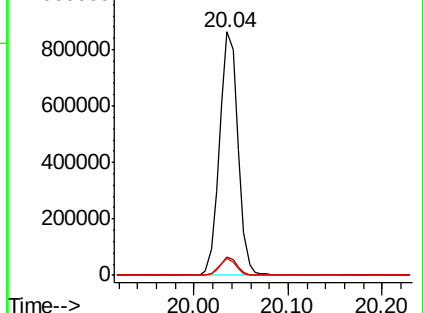
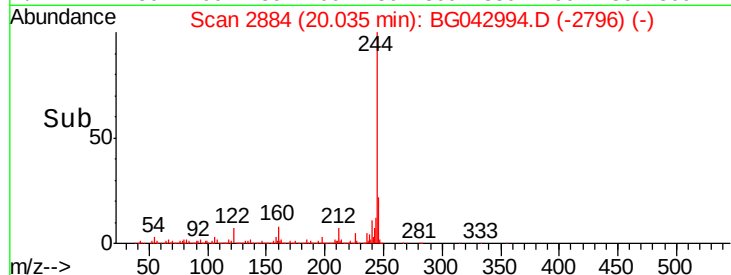


Abundance

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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG042994.D

Acq: 2 Oct 2019 21:01

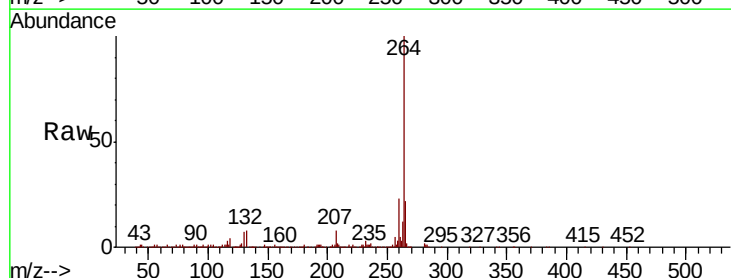
Tgt Ion:264 Resp: 582300

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.9 17.7 26.5



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

