Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042992.D
Acq On : 2 Oct 2019 19:44
Operator : JU
Sample : K5154-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106D

Quant Time: Oct 03 04:27:51 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	73454	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	264598	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	189592	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	432538	20.00	ng		0.00
76) Chrysene-d12	21.70	240	458508	20.00	ng		-0.01
87) Perylene-d12	24.93	264	531271	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	406142	98.68	ng		0.00
7) Phenol-d6	7.24	99	415177	70.05	ng		0.00
23) Nitrobenzene-d5	9.23	82	481635	88.47	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	440295	135.05	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1185420	90.64	ng		0.00
79) Terphenyl-d14	20.04	244	2083586	96.83	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	10920	2.008	ng		96
19) n-Nitroso-di-n-propylamine	9.23	70	68710	17.654	ng	#	69
32) Benzoic acid	10.24	122	62	2.824	ng	#	1
35) Caprolactam	11.77	113	26553	17.834	ng	#	87
50) Dimethylphthalate	14.14	163	69564	4.897	ng		99
51) 2,6-Dinitrotoluene	14.69	165	25529	8.439	ng	#	21
57) 2,4-Dinitrotoluene	14.69	165	25529	5.763	ng	#	25
67) 4-Bromophenyl-phenylether	16.17	248	30399	5.600	ng	#	1
77) Benzidine	20.04	184	35984	3.134	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042992.D
Acq On : 2 Oct 2019 19:44
Operator : JU
Sample : K5154-05
Misc :
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Instrument :
BNA_G
ClientSampleId :
MW-106D

Quant Time: Oct 03 04:27:51 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
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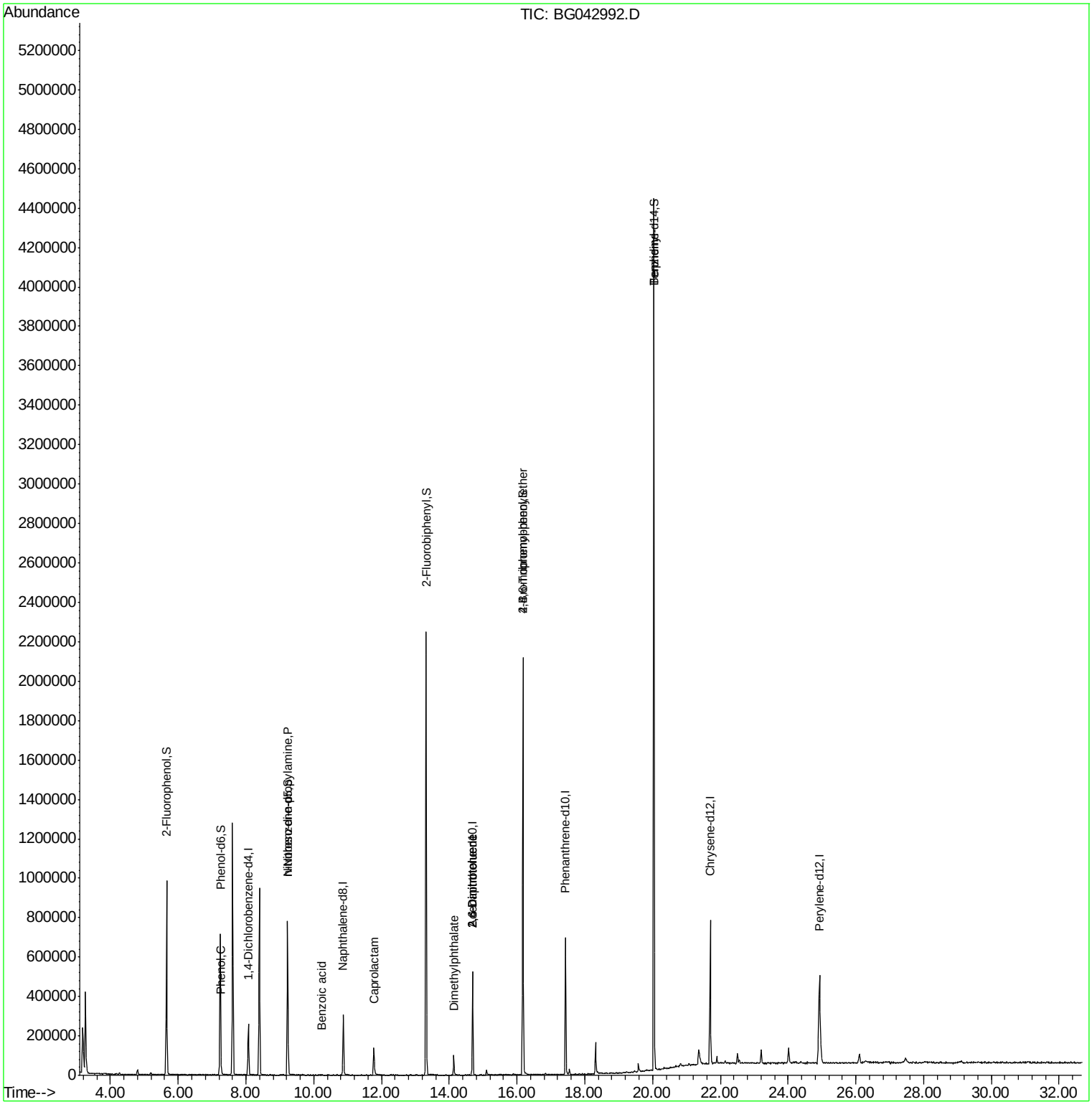
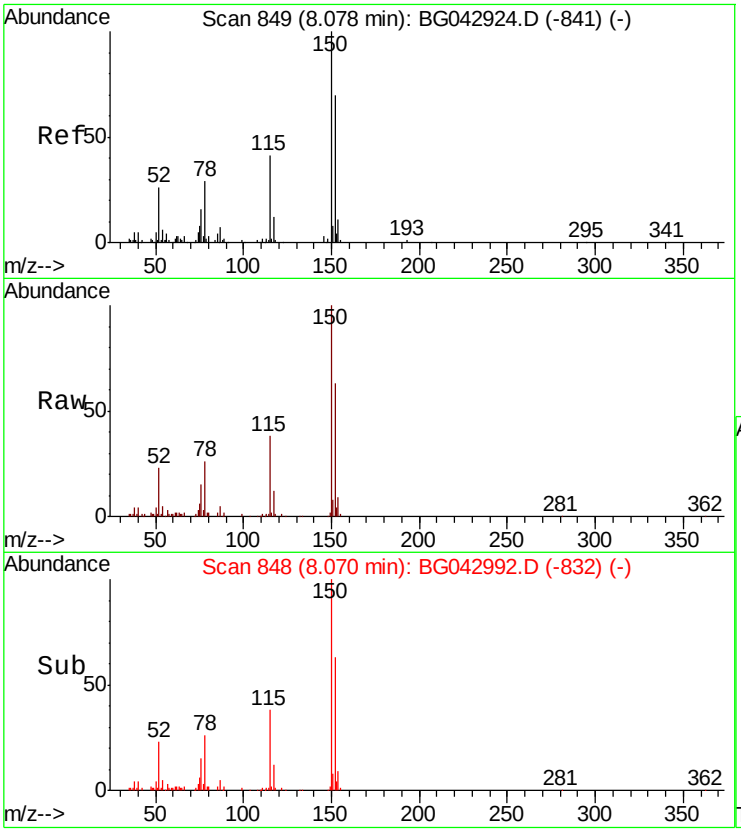


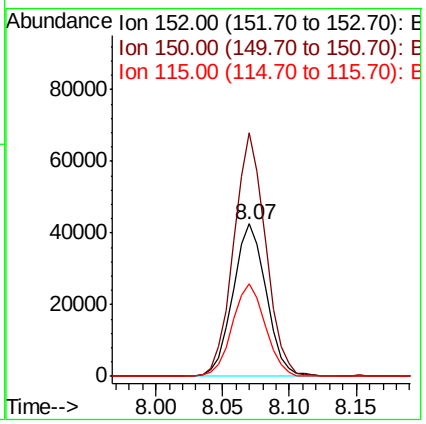


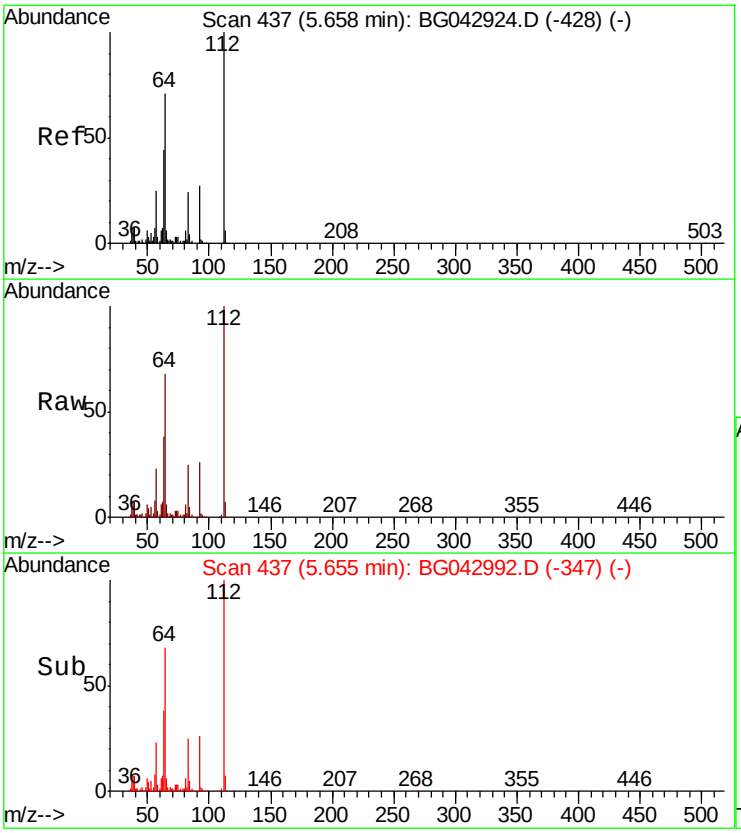
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:152 Resp: 73454

Ion	Ratio	Lower	Upper
152	100		
150	159.7	115.0	172.4
115	60.7	47.0	70.6

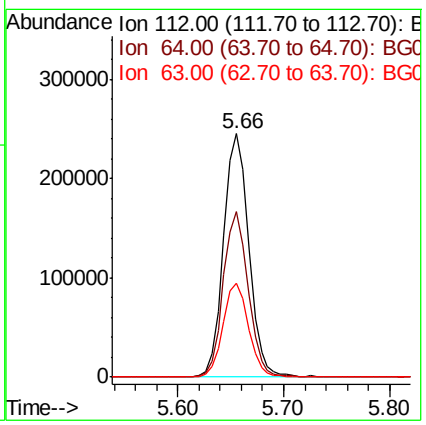


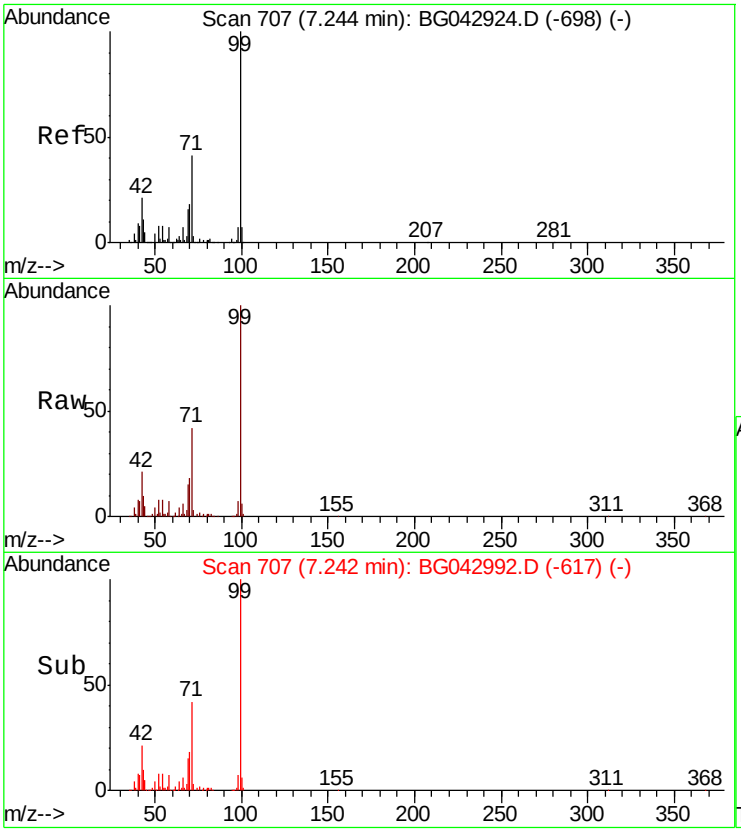


#5
2-Fluorophenol
Concen: 98.675 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:112 Resp: 406142

Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.6	84.8
63	38.5	35.1	52.7



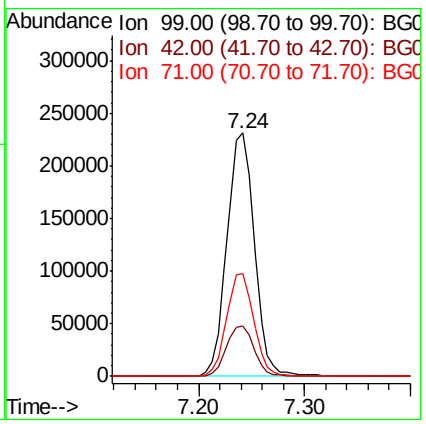


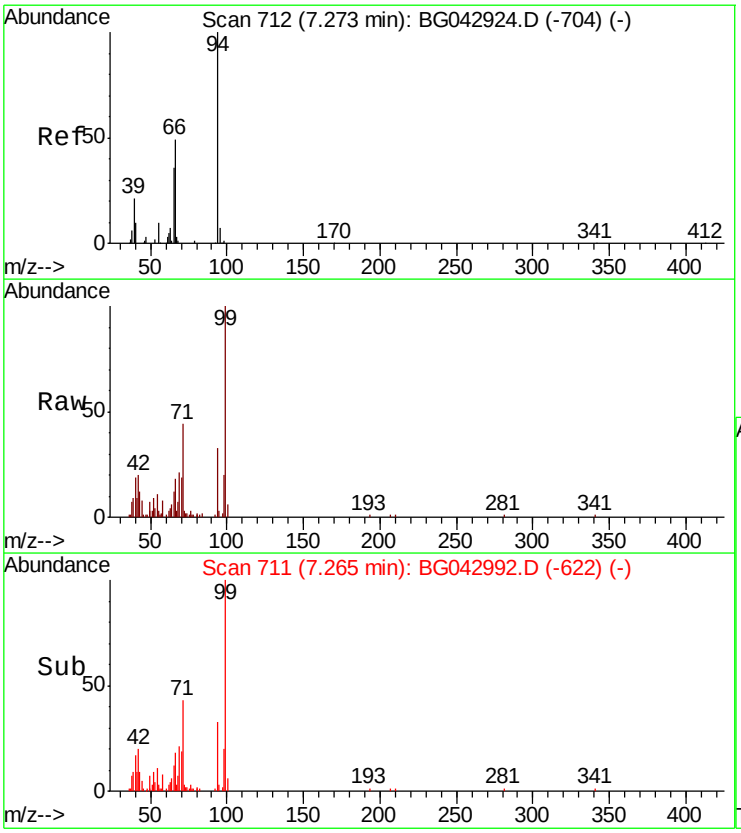
#7
Phenol-d6
Concen: 70.046 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion: 99 Resp: 415177

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.2	25.8
71	42.3	33.1	49.7

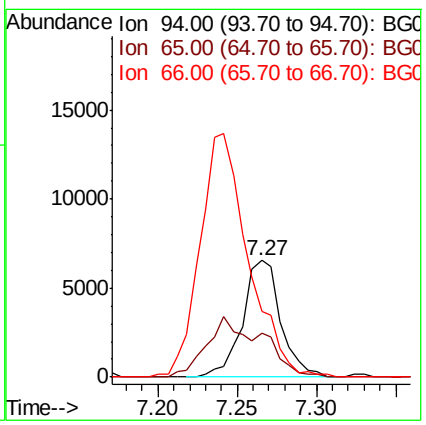


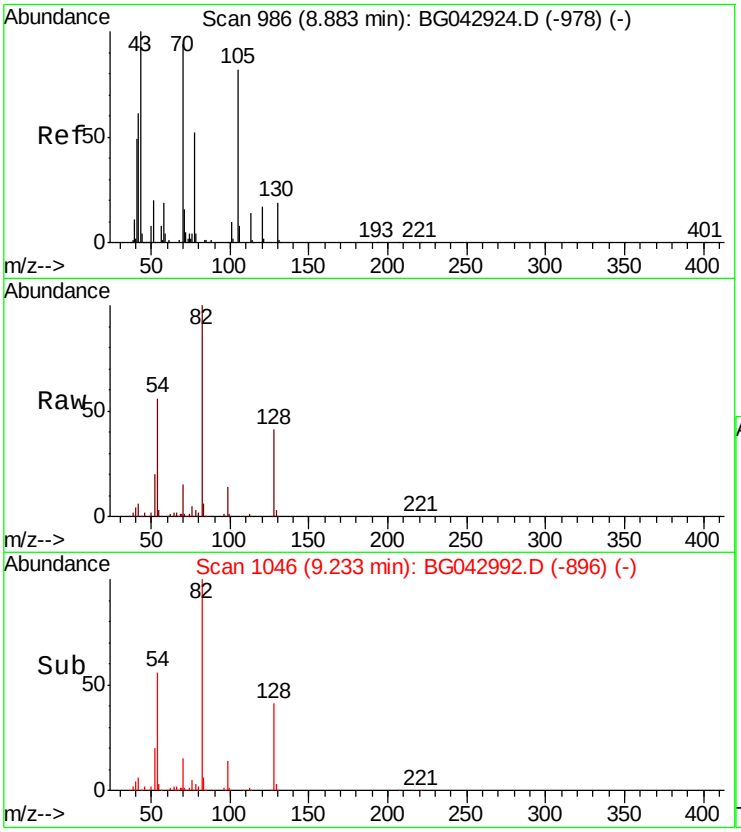


#10
Phenol
Concen: 2.008 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion: 94 Resp: 10920

Ion	Ratio	Lower	Upper
94	100		
65	38.0	16.6	56.6
66	56.4	32.4	72.4



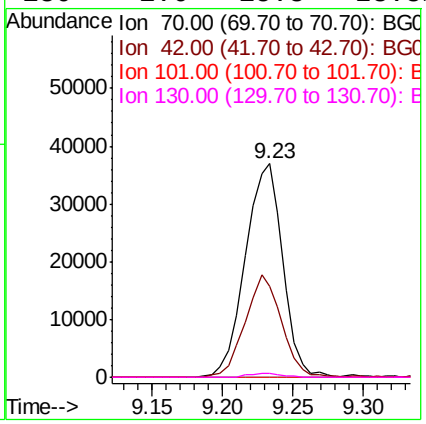


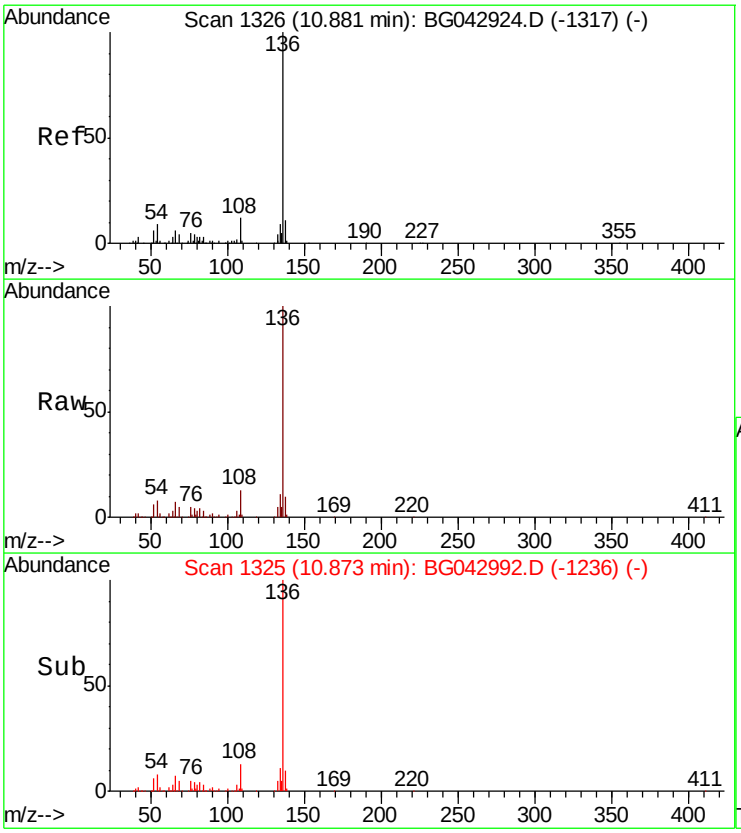
#19
n-Nitroso-di-n-propylamine
Concen: 17.654 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion: 70 Resp: 68710

Ion	Ratio	Lower	Upper
70	100		
42	42.5	52.6	79.0#
101	0.0	8.7	13.1#
130	1.6	15.8	23.8#

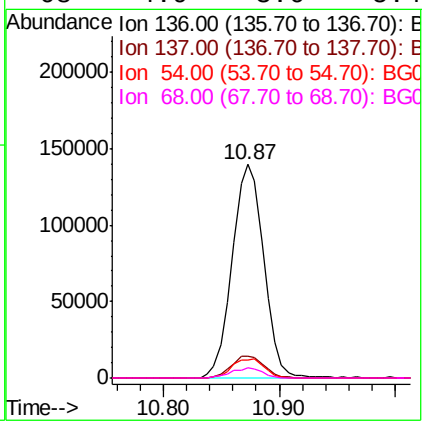


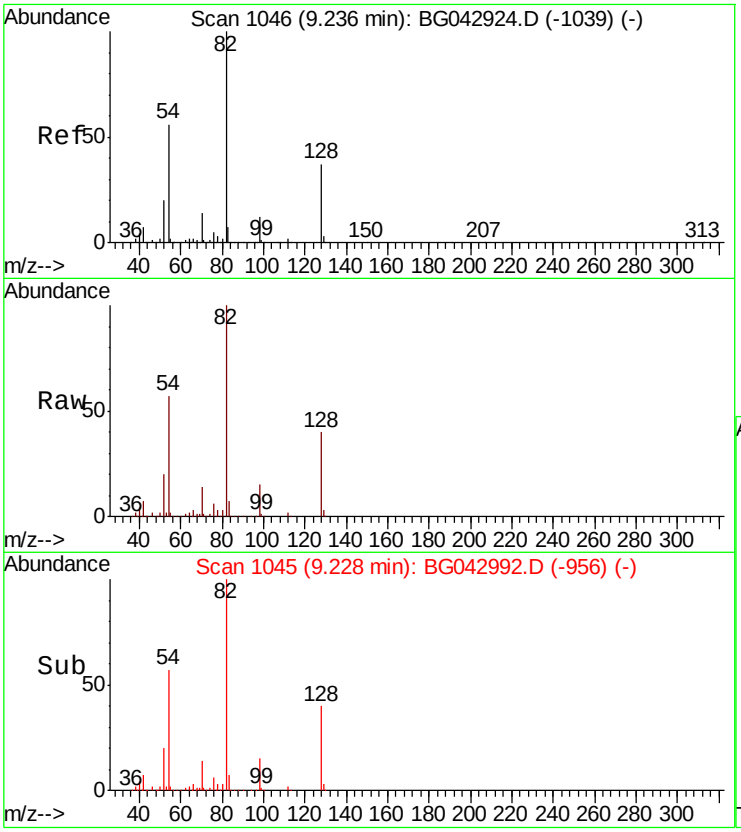


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:136 Resp: 264598

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	8.2	7.4	11.2
68	4.9	3.6	5.4



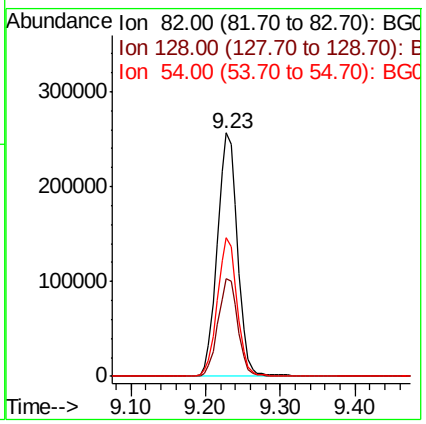


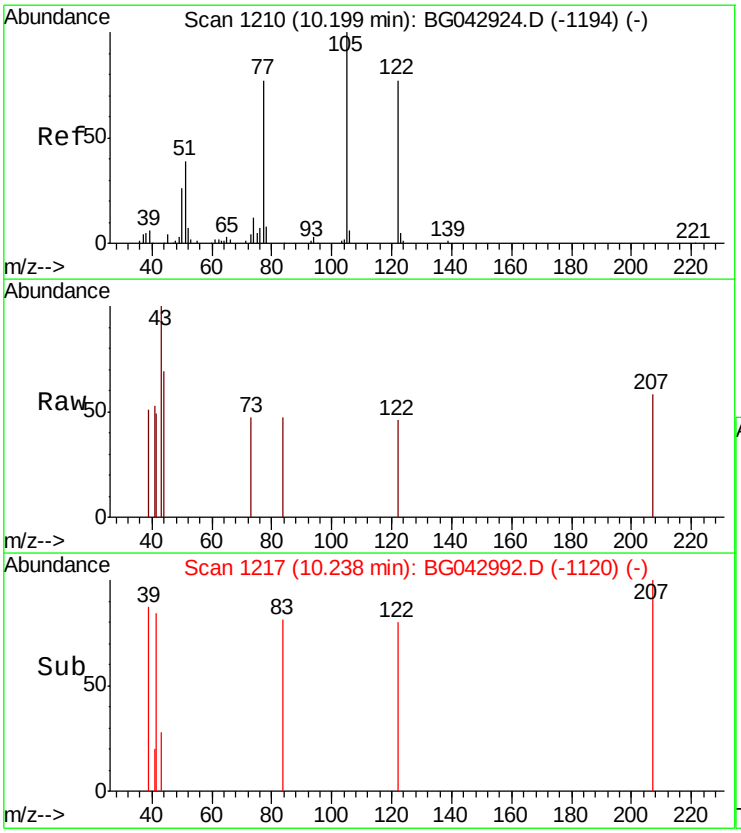
#23
Nitrobenzene-d5
Concen: 88.474 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion: 82 Resp: 481635

Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.5	44.3
54	56.9	44.6	67.0

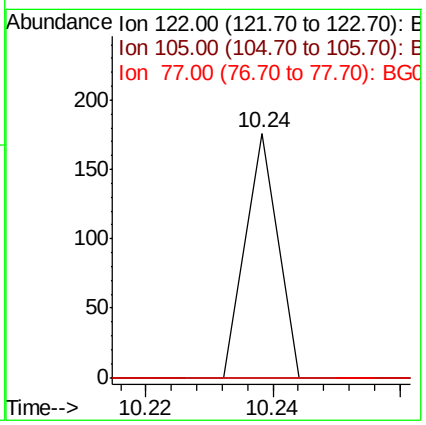


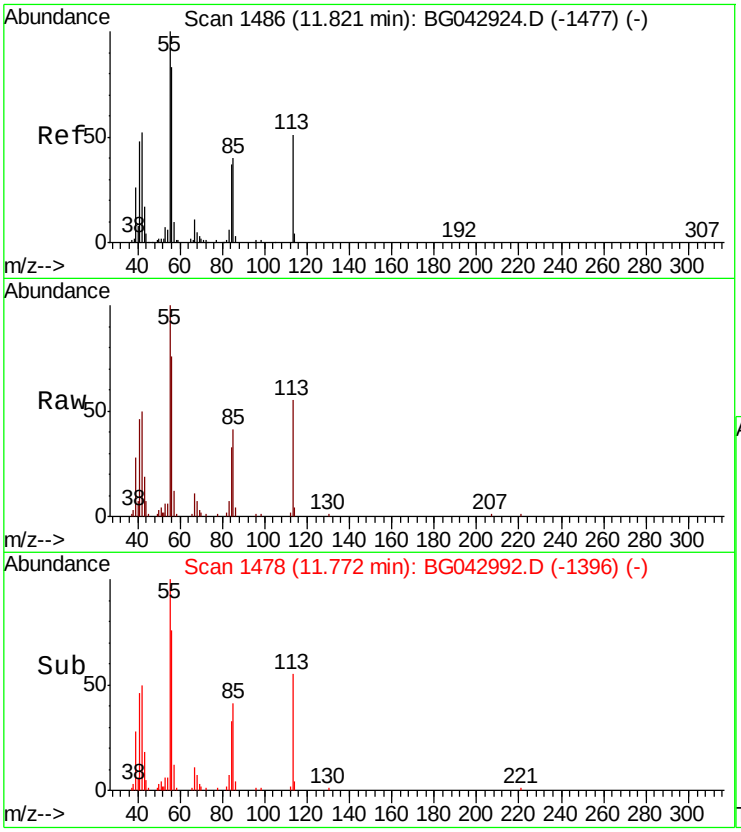


#32
Benzoic acid
Concen: 2.824 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.04 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



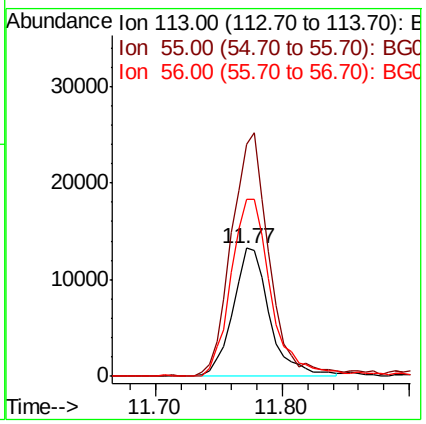


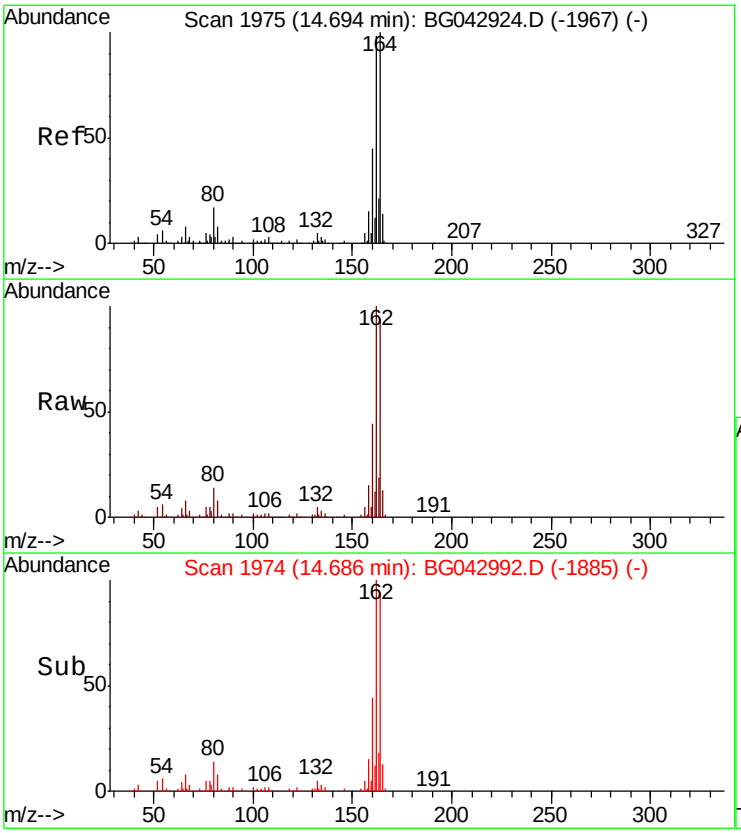
#35
Caprolactam
Concen: 17.834 ng
RT: 11.77 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:113 Resp: 26553

Ion	Ratio	Lower	Upper
113	100		
55	181.8	175.5	215.5
56	138.3	142.3	182.3#

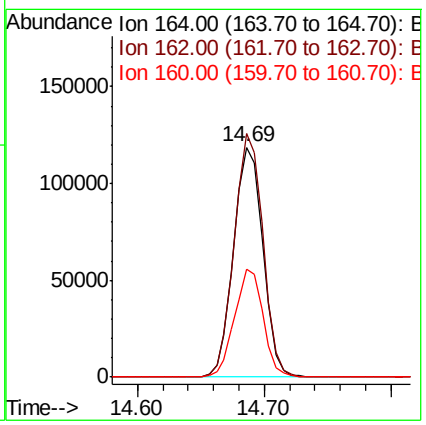


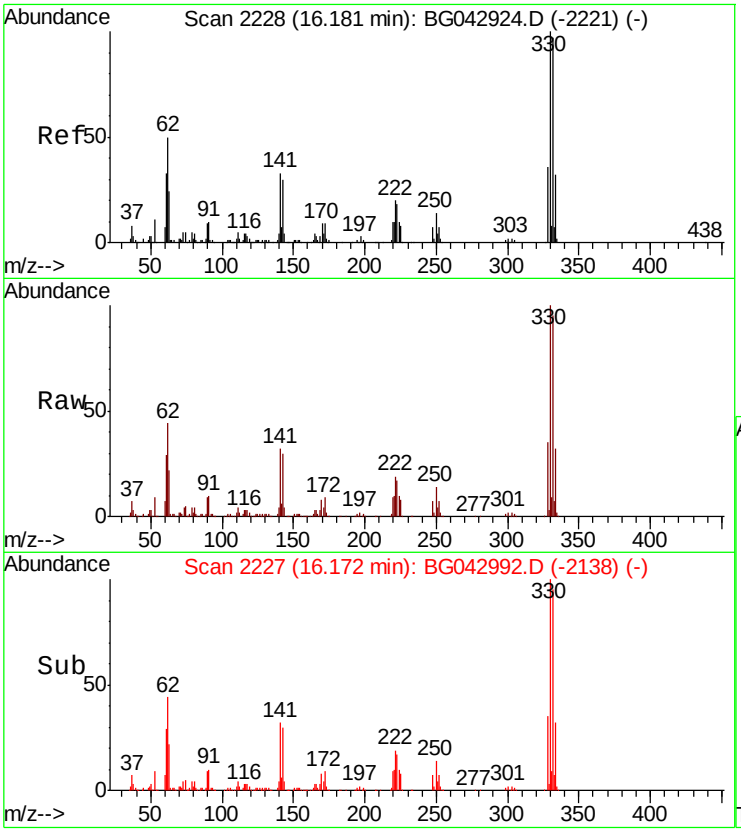


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:164 Resp: 189592

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.5	117.7
160	46.8	35.9	53.9



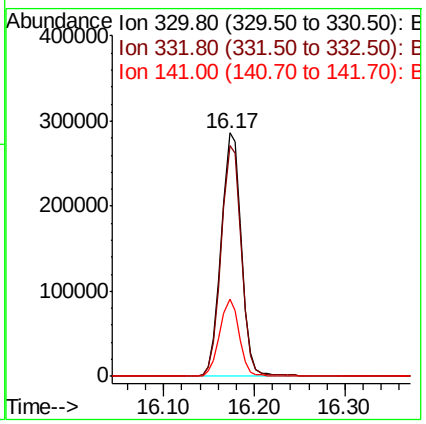


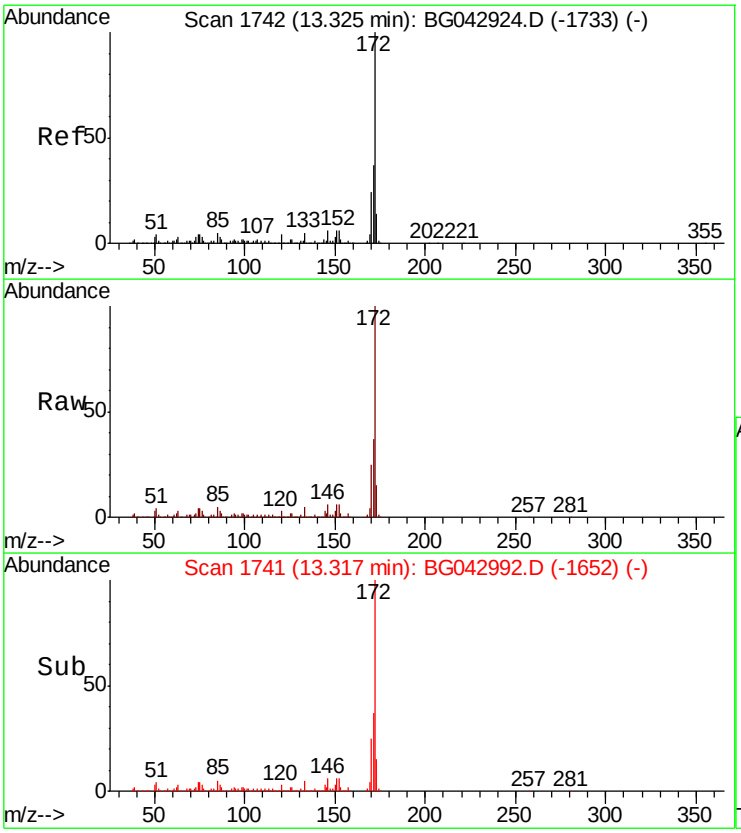
#42
2,4,6-Tribromophenol
Concen: 135.053 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:330 Resp: 440295

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	30.7	26.0	39.0

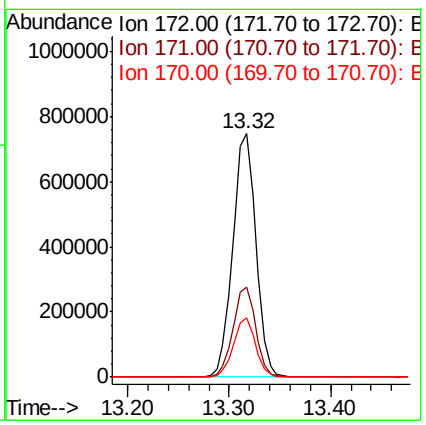


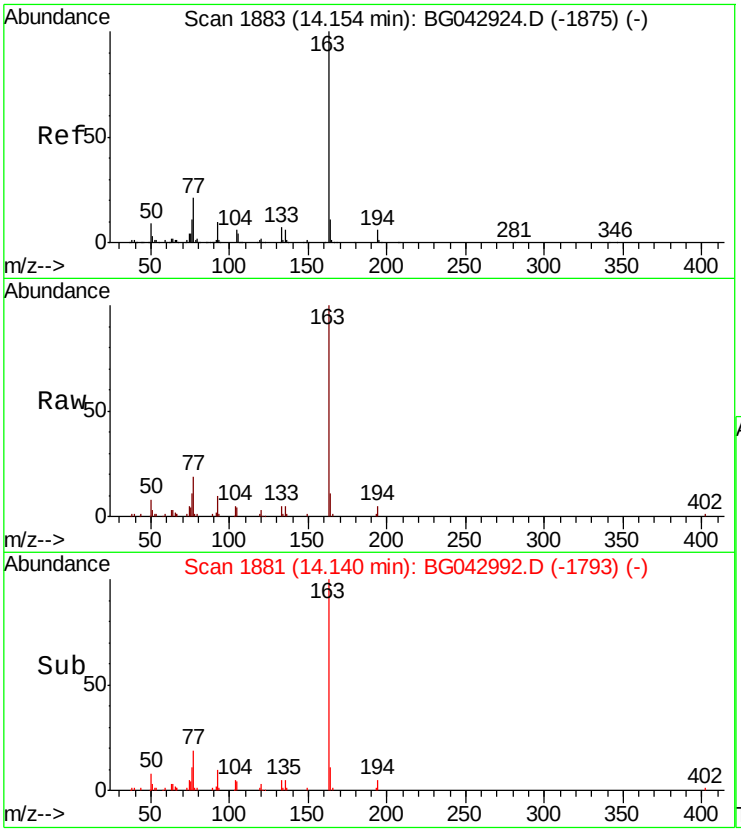


#45
2-Fluorobiphenyl
Concen: 90.642 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:172 Resp: 1185420

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.6	29.4



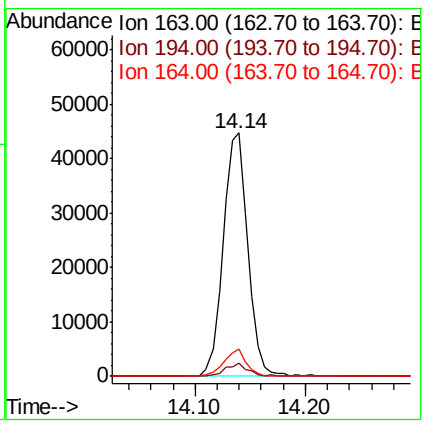


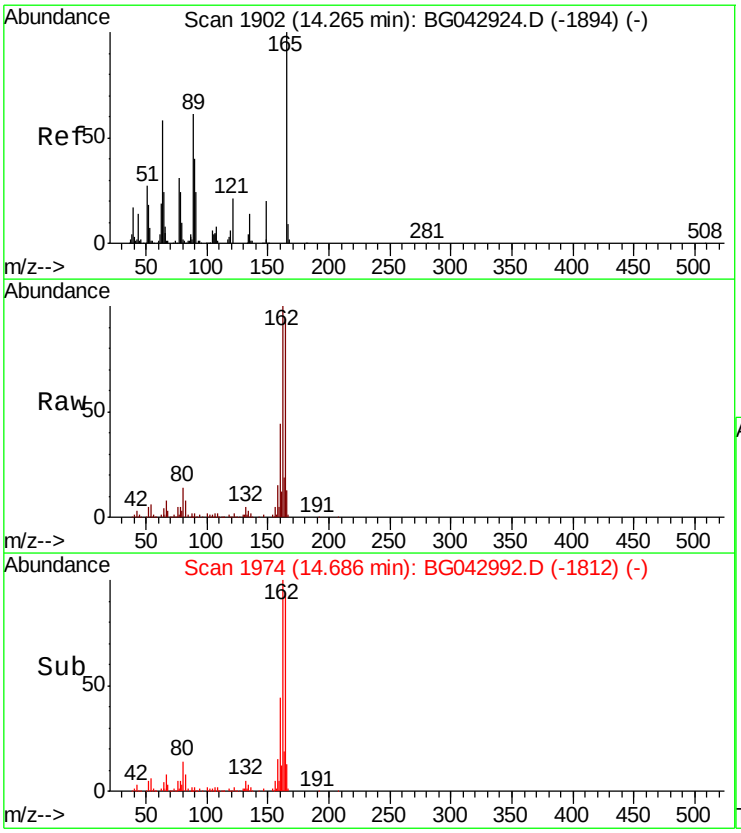
#50
Dimethylphthalate
Concen: 4.897 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:163 Resp: 69564

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.4	6.6
164	11.2	8.6	12.8

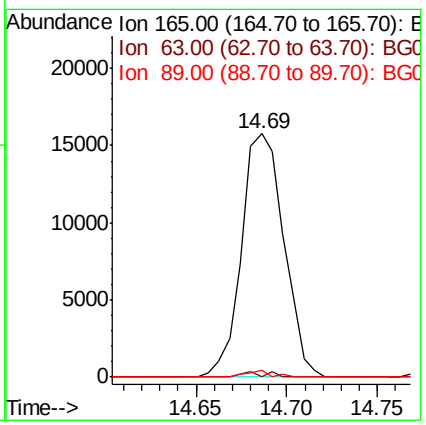


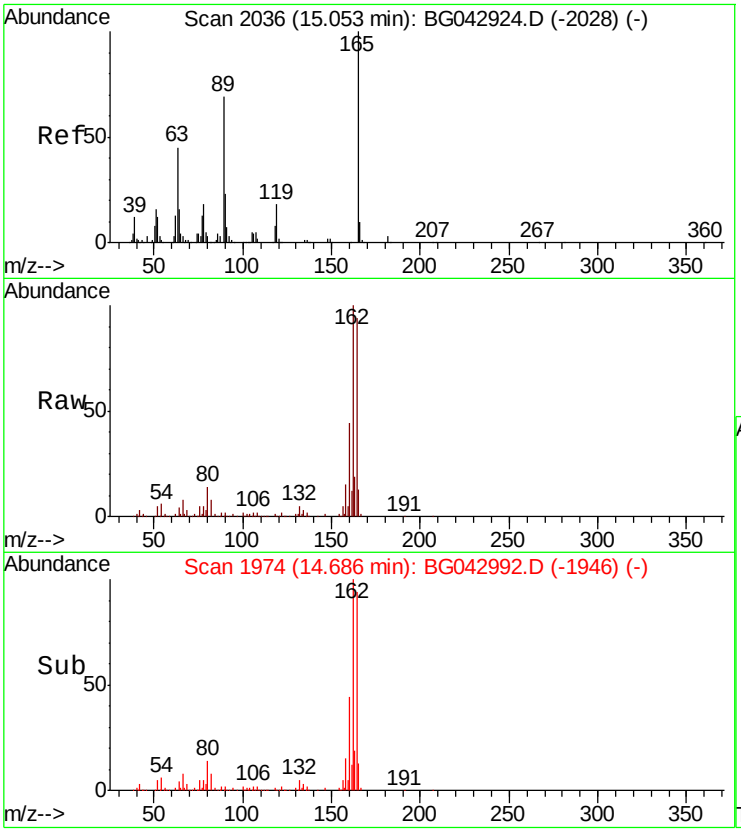


#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.42 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:165 Resp: 25529

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	2.7	48.9	73.3#



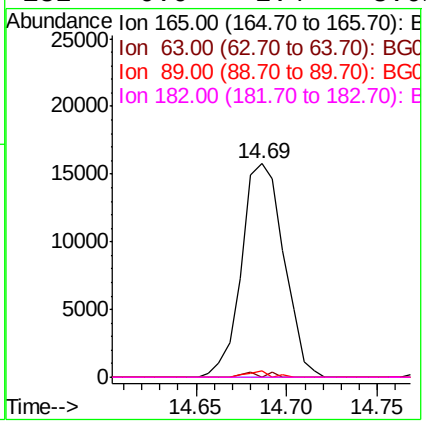


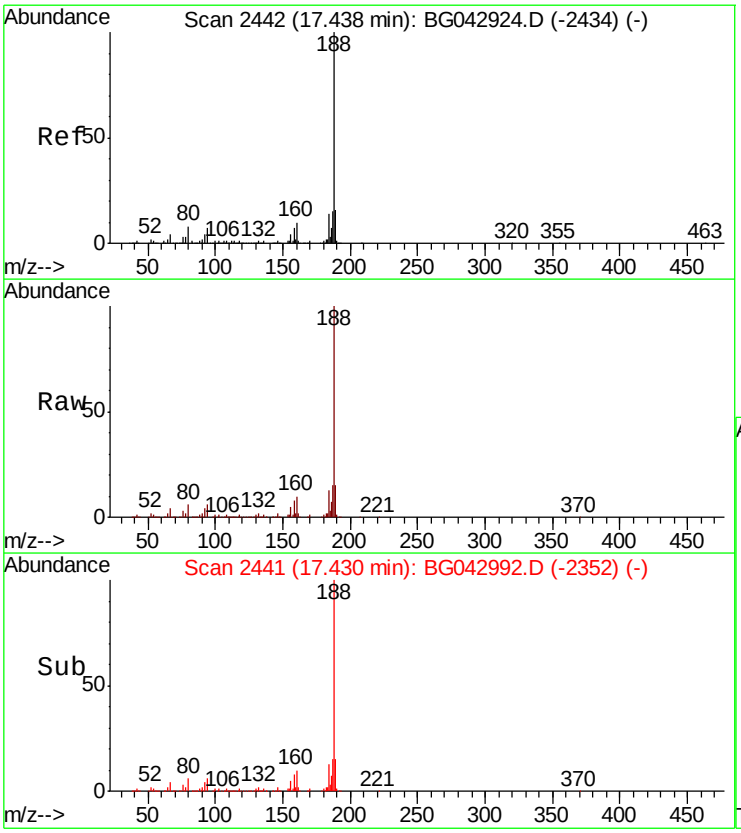
#57
2,4-Dinitrotoluene
Concen: 5.763 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:165 Resp: 25529

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	2.7	55.5	83.3#
182	0.0	2.4	3.6#

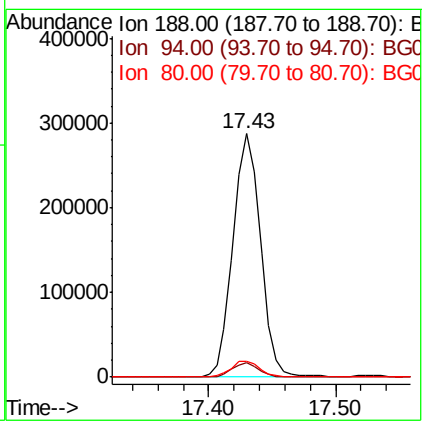


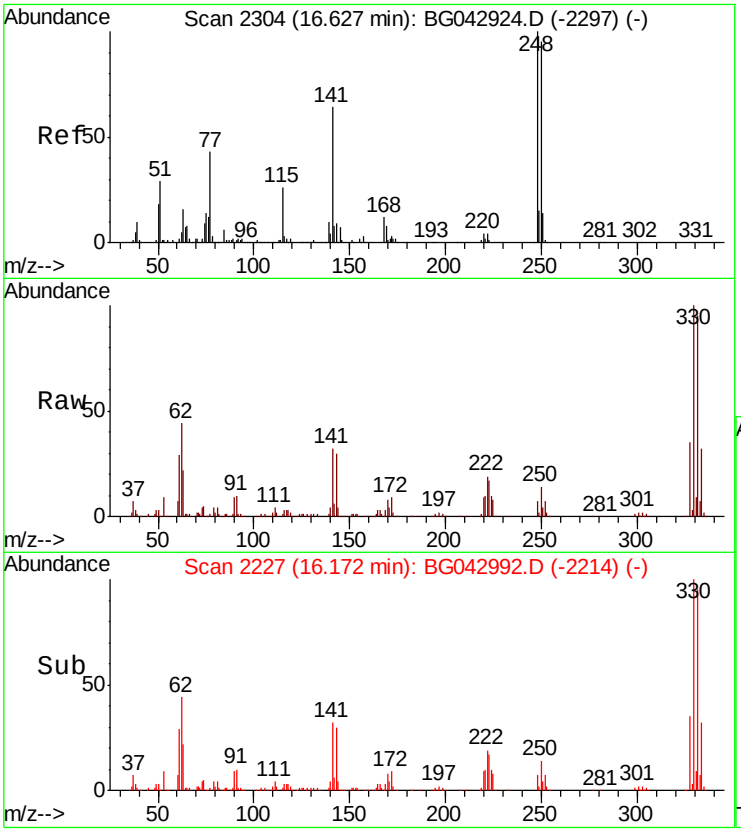


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:188 Resp: 432538

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.4	6.5	9.7#



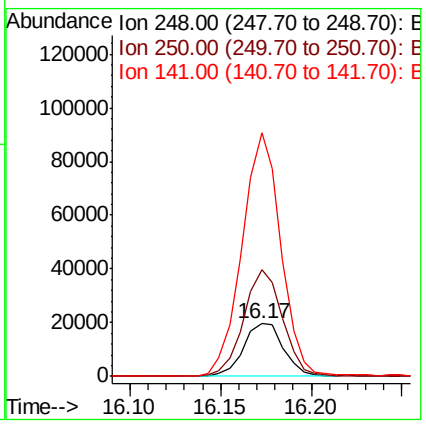


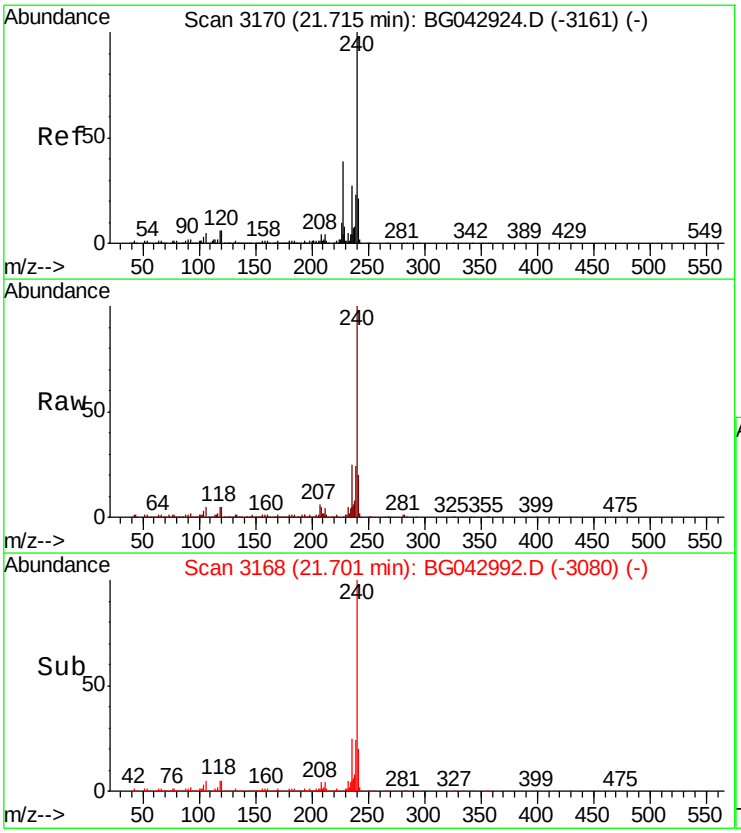
#67
4-Bromophenyl-phenylether
Concen: 5.600 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:248 Resp: 30399

Ion	Ratio	Lower	Upper
248	100		
250	203.4	75.8	113.8#
141	463.4	51.1	76.7#

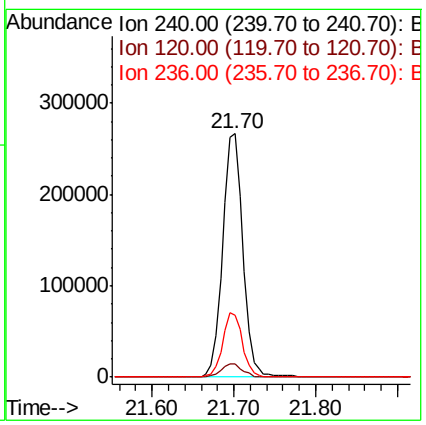


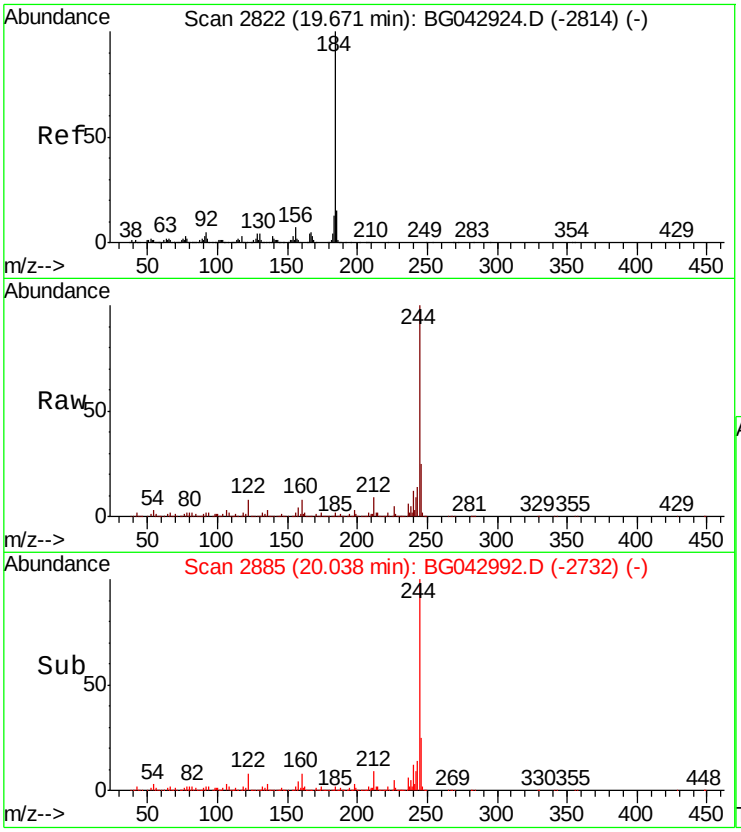


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:240 Resp: 458508

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.8	7.2
236	25.3	21.4	32.0



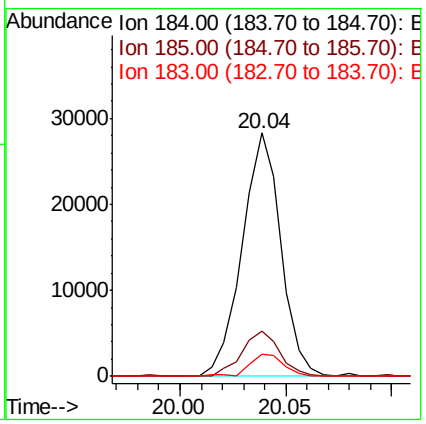


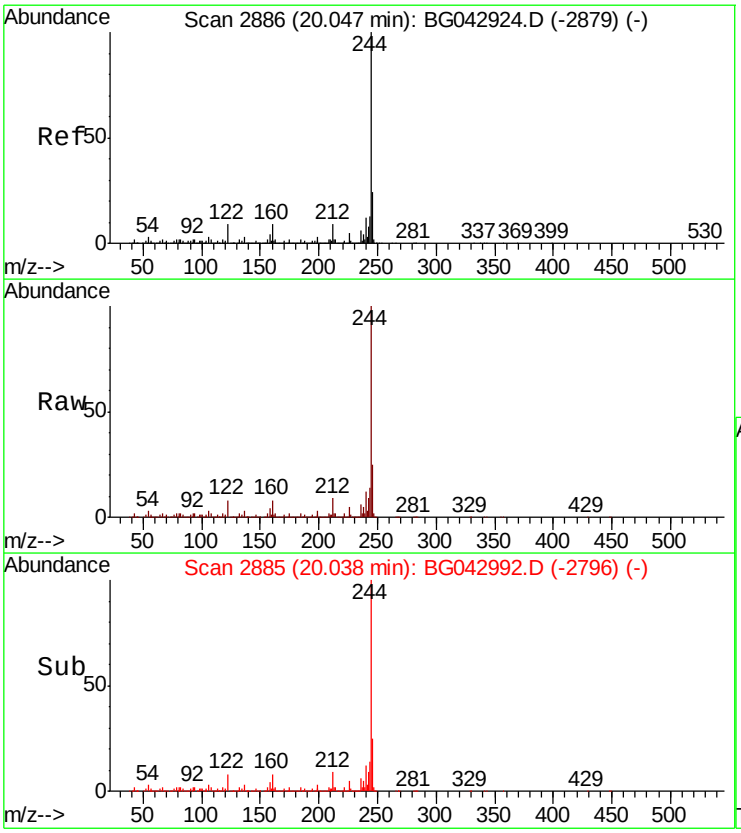
#77
Benzidine
Concen: 3.134 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:184 Resp: 35984

Ion	Ratio	Lower	Upper
184	100		
185	18.7	11.8	17.8#
183	8.9	10.1	15.1#

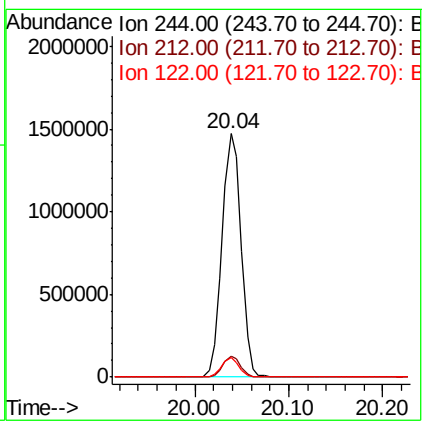


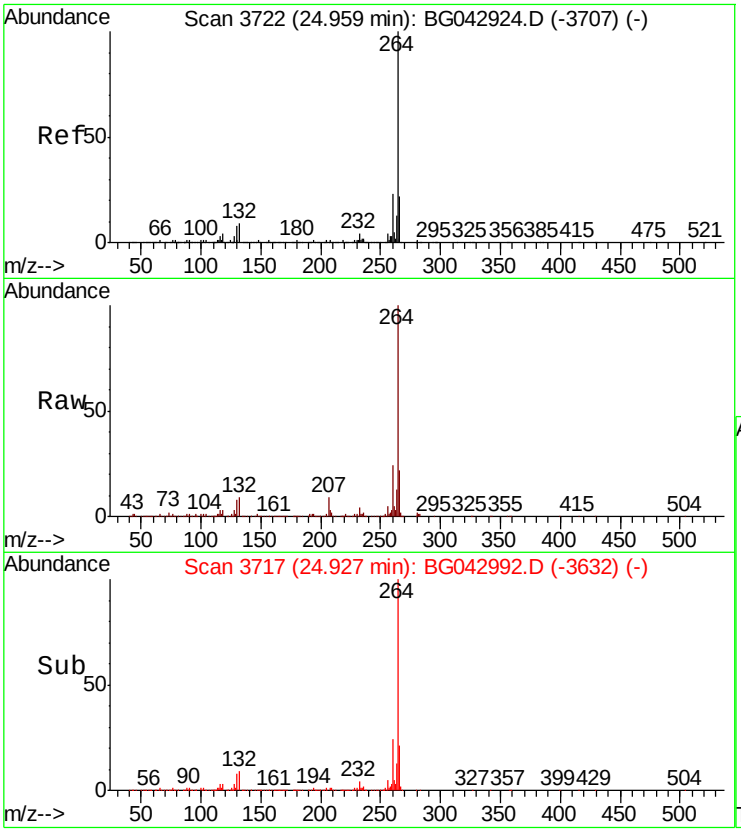


#79
Terphenyl-d14
Concen: 96.833 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:244 Resp: 2083586

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.2	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion:264 Resp: 531271

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.7	26.5