Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042990.D
Acq On : 2 Oct 2019 18:27
Operator : JU
Sample : K5154-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106S

Quant Time: Oct 03 04:27:37 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	74554	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	270596	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	190402	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	431293	20.00	ng		0.00
76) Chrysene-d12	21.70	240	457869	20.00	ng		-0.02
87) Perylene-d12	24.92	264	535028	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	377356	90.33	ng		0.00
7) Phenol-d6	7.24	99	376875	62.65	ng		0.00
23) Nitrobenzene-d5	9.23	82	475907	85.48	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	442283	135.09	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1190372	90.63	ng		-0.01
79) Terphenyl-d14	20.04	244	2081582	96.87	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	11477	2.079	ng		83
19) n-Nitroso-di-n-propylamine	9.23	70	70356	17.811	ng	#	74
35) Caprolactam	11.77	113	8154	5.355	ng	#	77
50) Dimethylphthalate	14.13	163	84575	5.928	ng	#	97
57) 2,4-Dinitrotoluene	14.69	165	25807	5.801	ng	#	24
67) 4-Bromophenyl-phenylether	16.17	248	30206	5.580	ng	#	1
77) Benzidine	20.04	184	34357	2.997	ng		96

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

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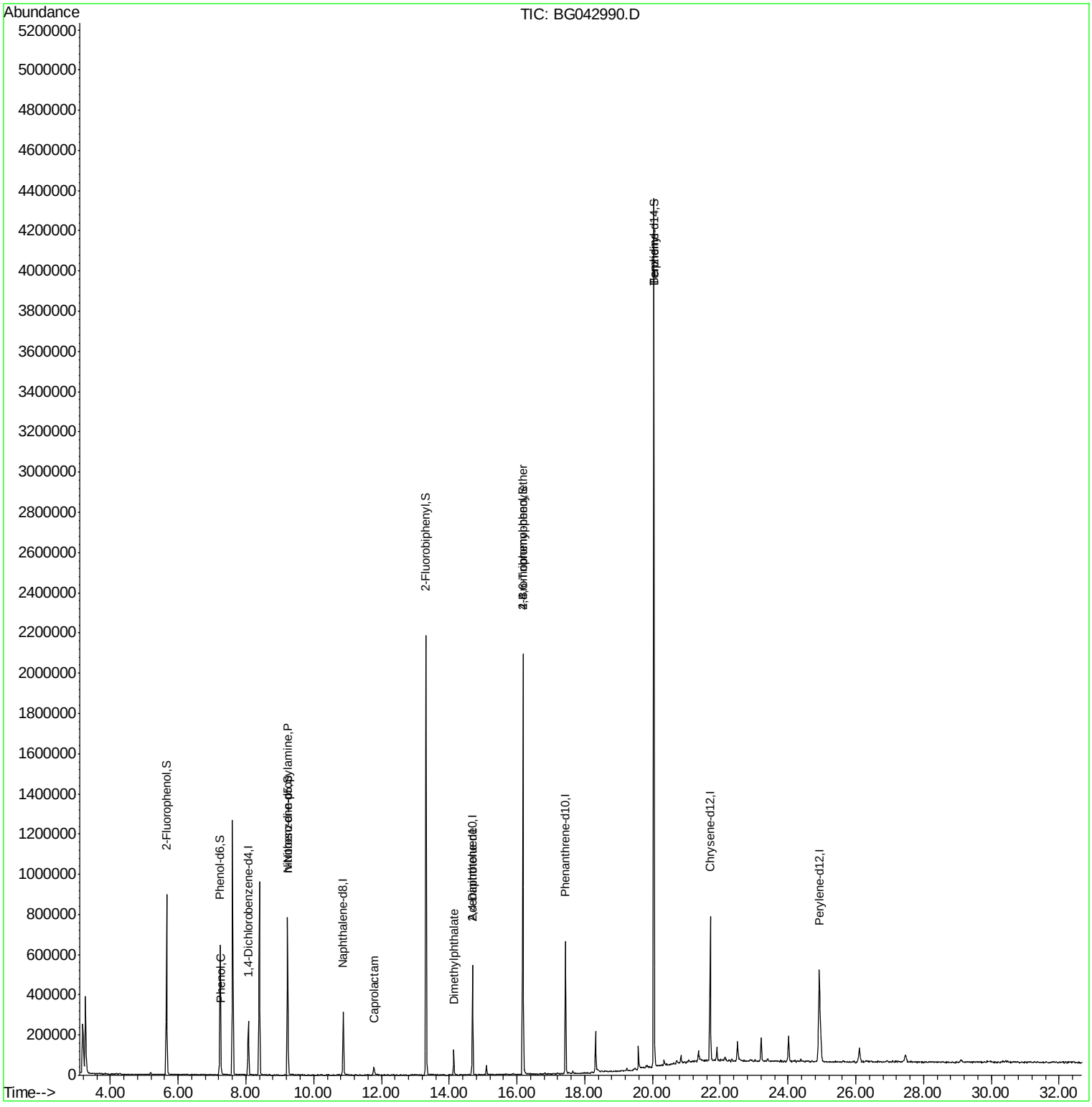
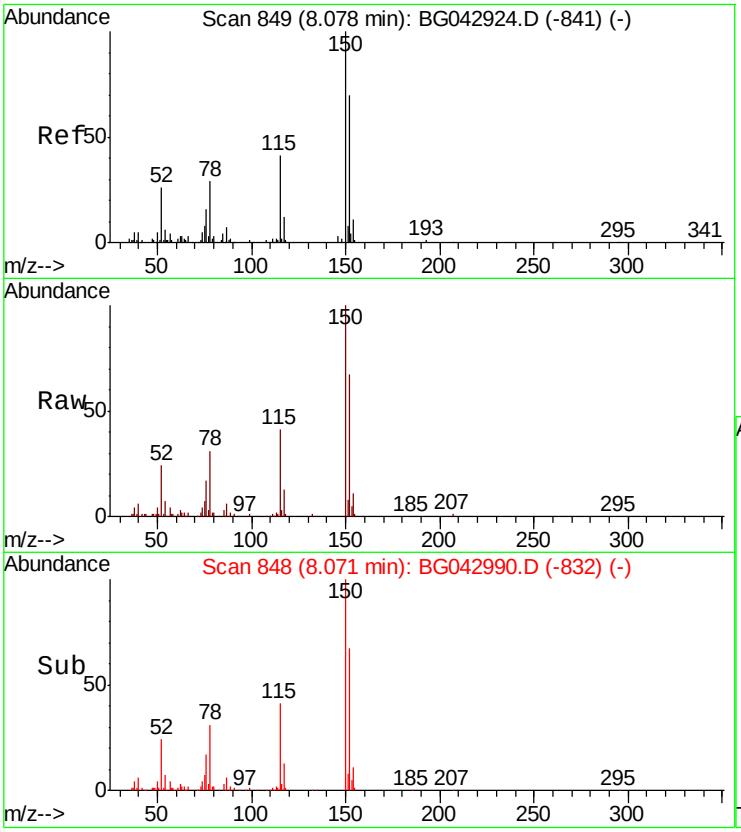


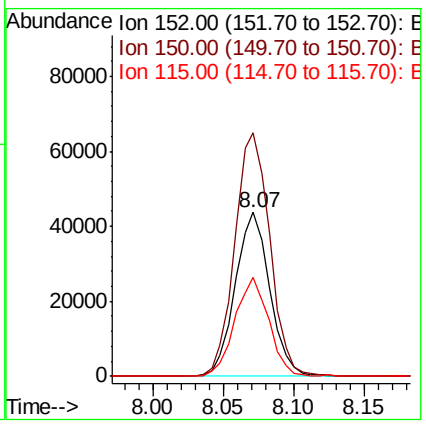


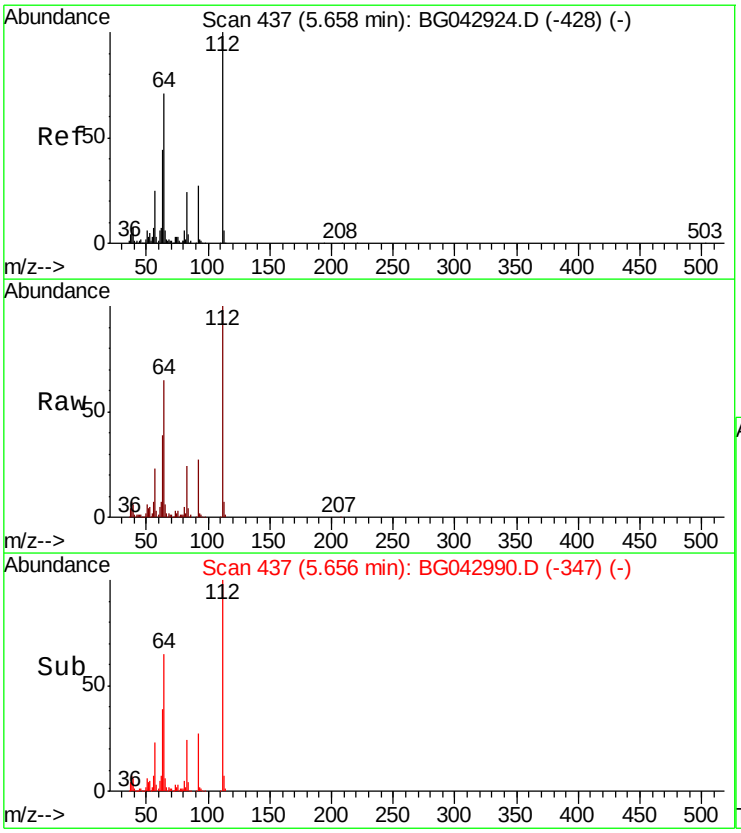
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:152 Resp: 74554

Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	60.6	47.0	70.6

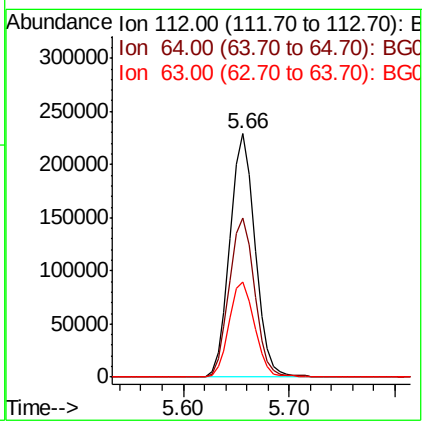


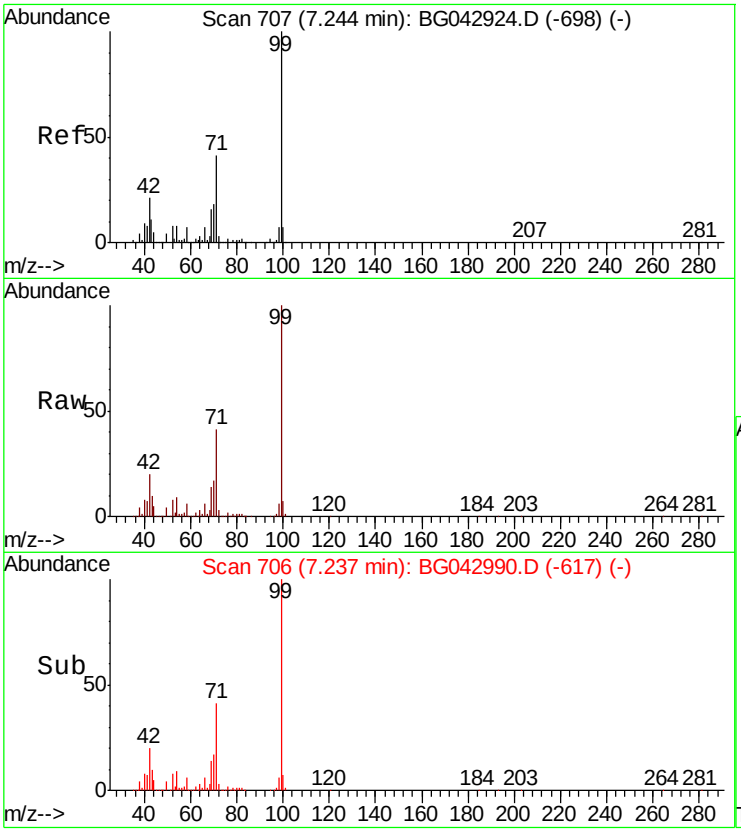


#5
2-Fluorophenol
Concen: 90.329 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:112 Resp: 377356

Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.6	84.8
63	38.9	35.1	52.7



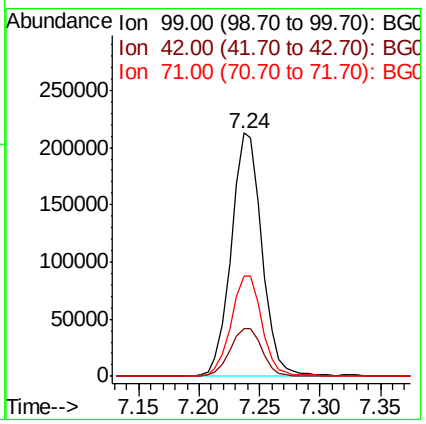


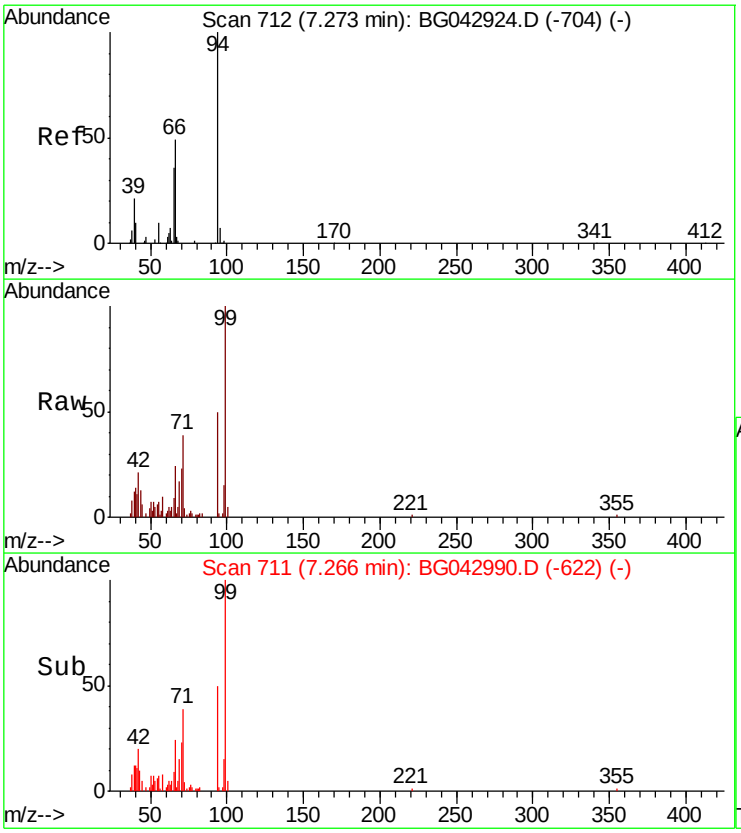
#7
Phenol-d6
Concen: 62.646 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion: 99 Resp: 376875

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.2	25.8
71	41.3	33.1	49.7

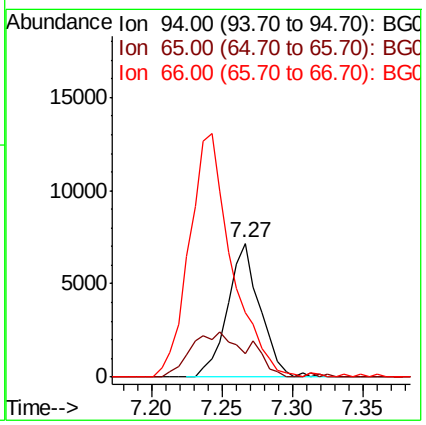


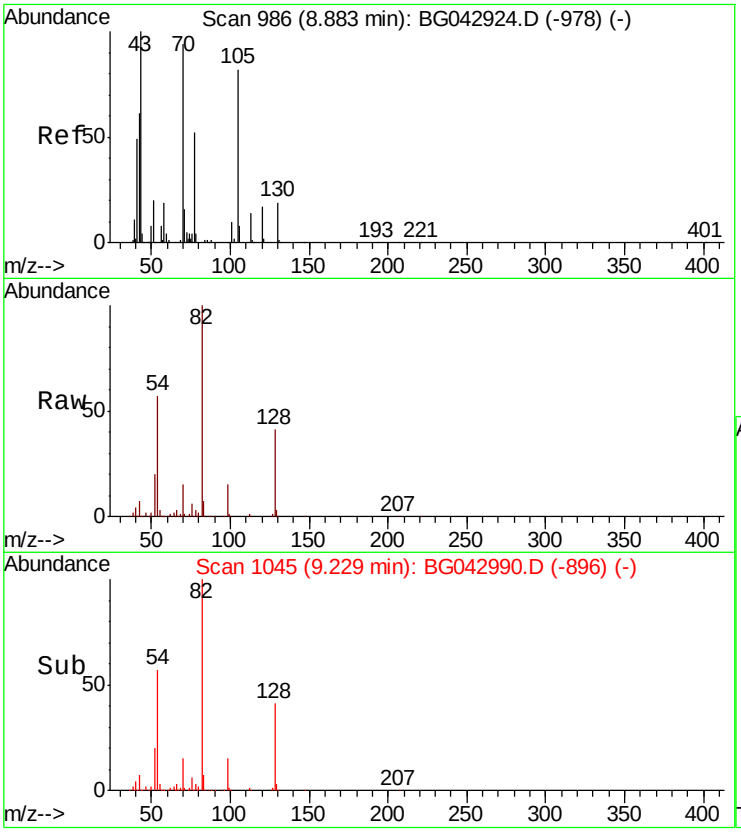


#10
Phenol
Concen: 2.079 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion: 94 Resp: 11477

Ion	Ratio	Lower	Upper
94	100		
65	17.5	16.6	56.6
66	48.1	32.4	72.4



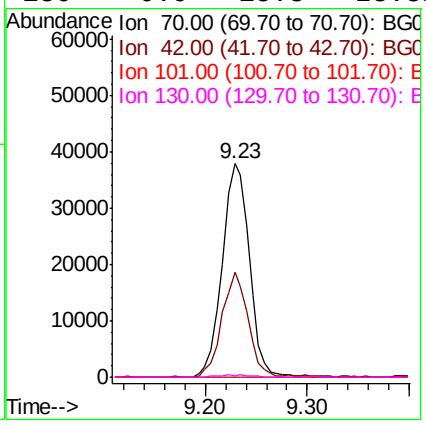


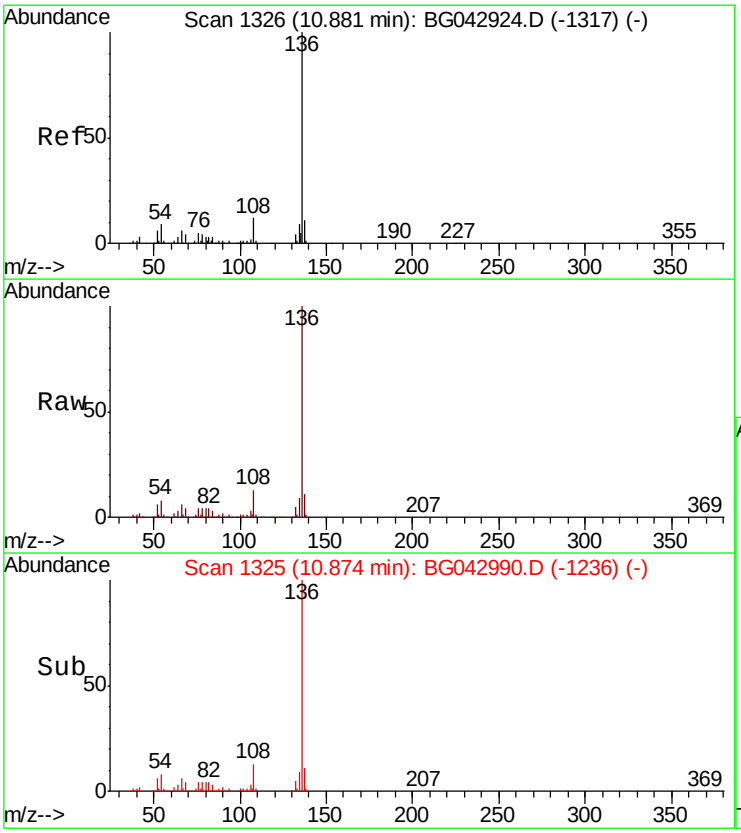
#19
n-Nitroso-di-n-propylamine
Concen: 17.811 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion: 70 Resp: 70356

Ion	Ratio	Lower	Upper
70	100		
42	49.4	52.6	79.0#
101	0.0	8.7	13.1#
130	0.9	15.8	23.8#

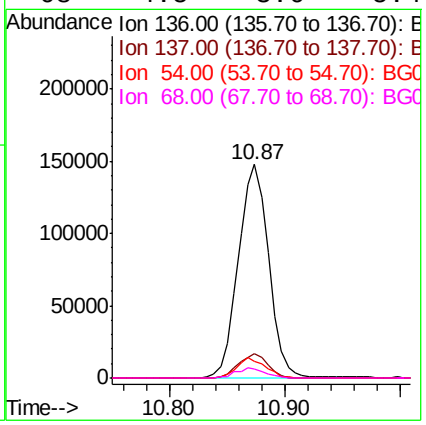


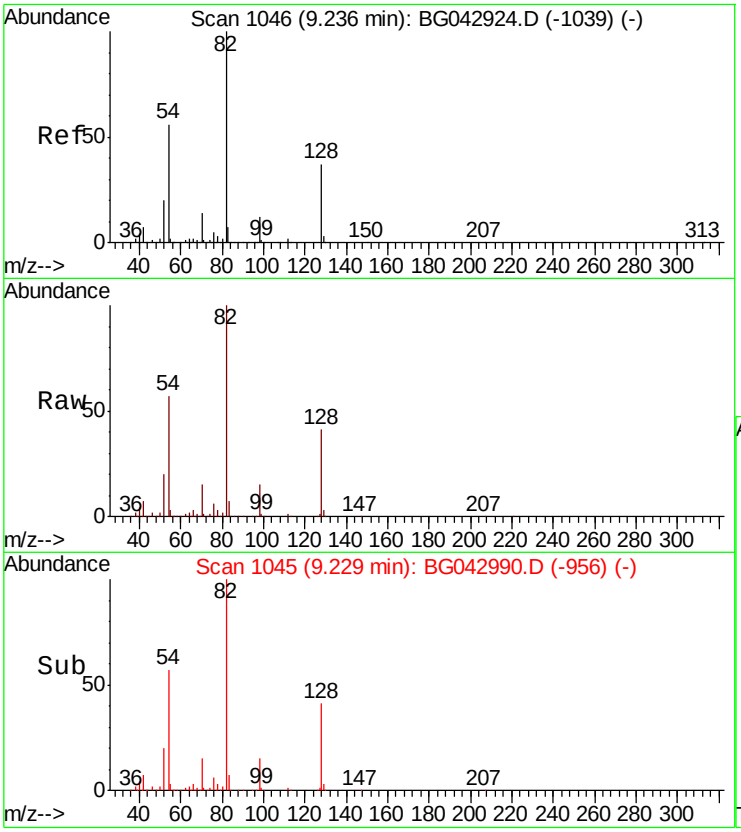


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:136 Resp: 270596

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.5	7.4	11.2
68	4.5	3.6	5.4



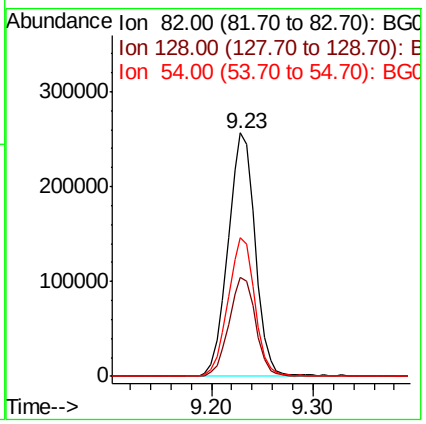


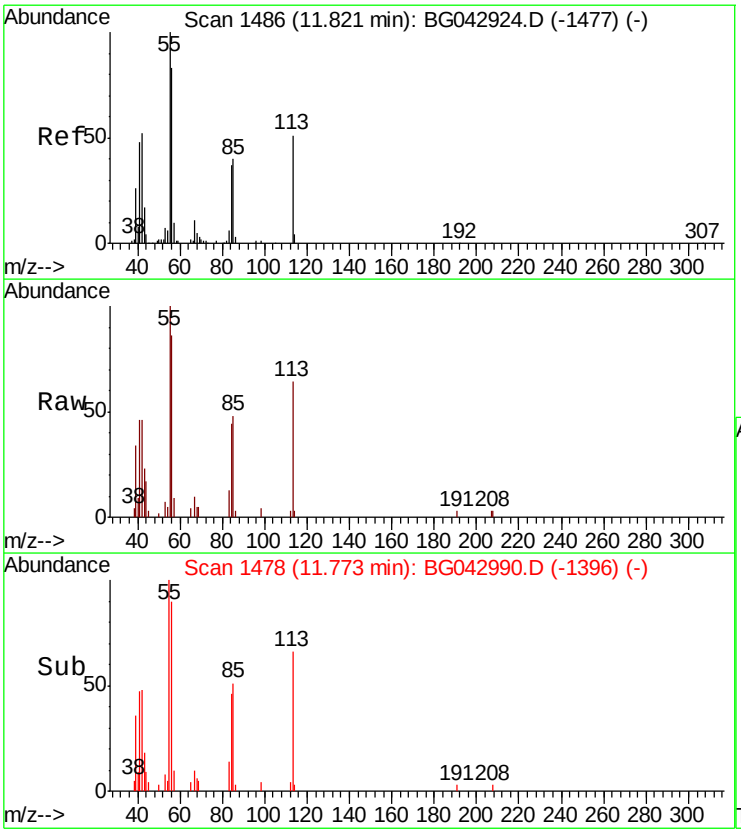
#23
Nitrobenzene-d5
Concen: 85.484 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion: 82 Resp: 475907

Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.5	44.3
54	56.8	44.6	67.0

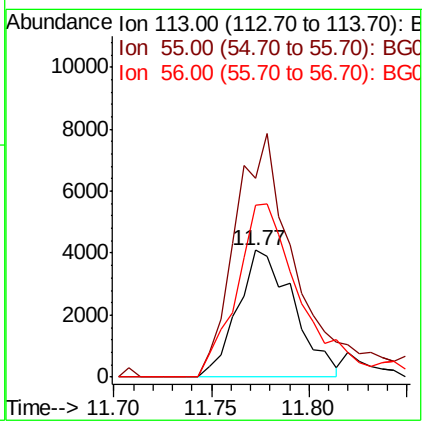


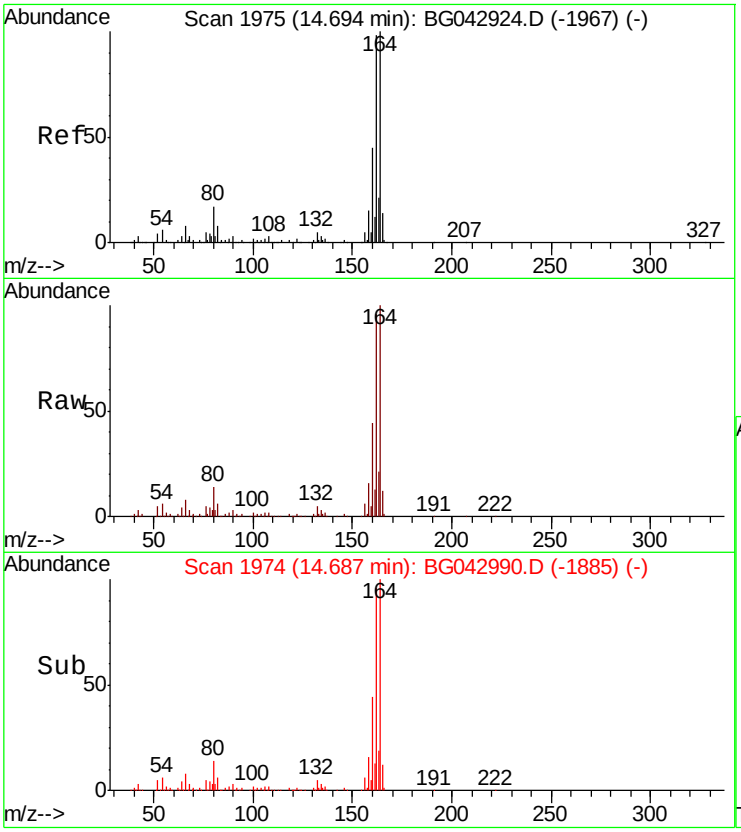


#35
Caprolactam
Concen: 5.355 ng
RT: 11.77 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:113 Resp: 8154

Ion	Ratio	Lower	Upper
113	100		
55	157.2	175.5	215.5#
56	135.9	142.3	182.3#



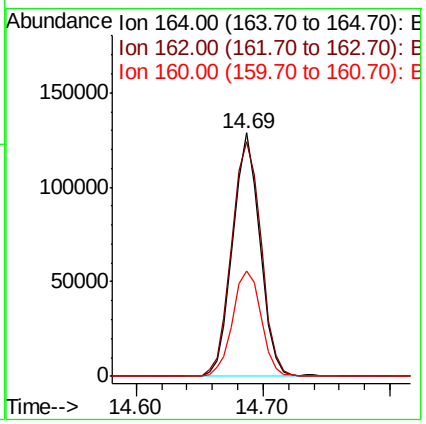


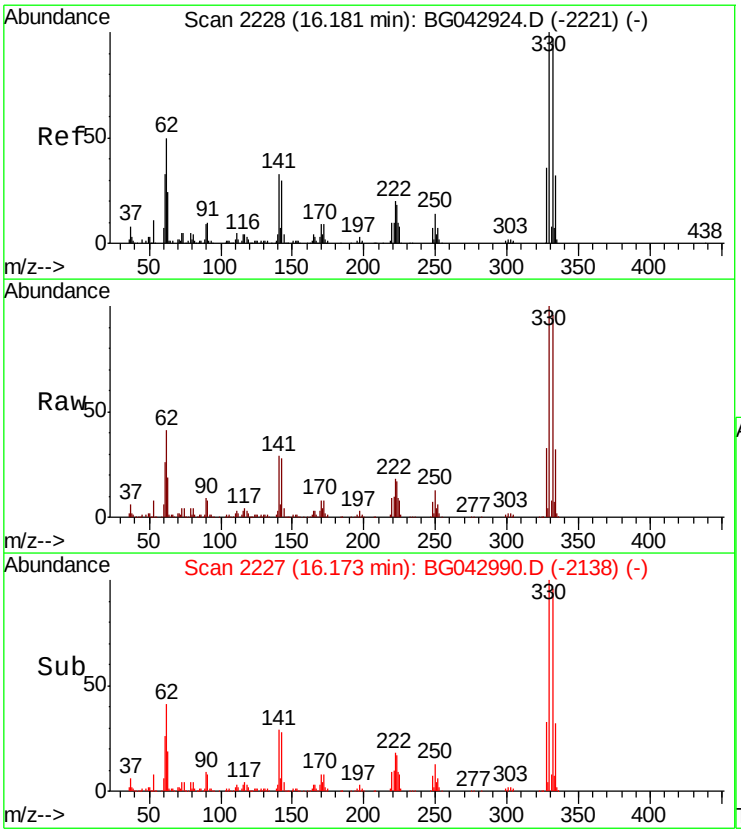
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:164 Resp: 190402

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.5	117.7
160	43.5	35.9	53.9

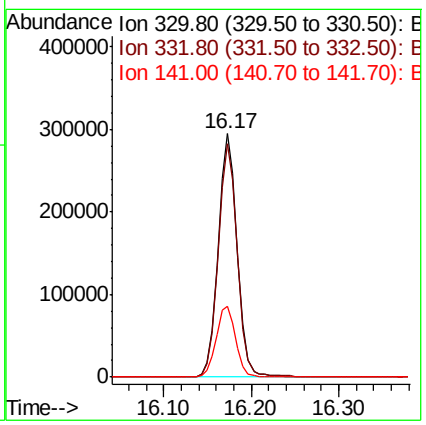


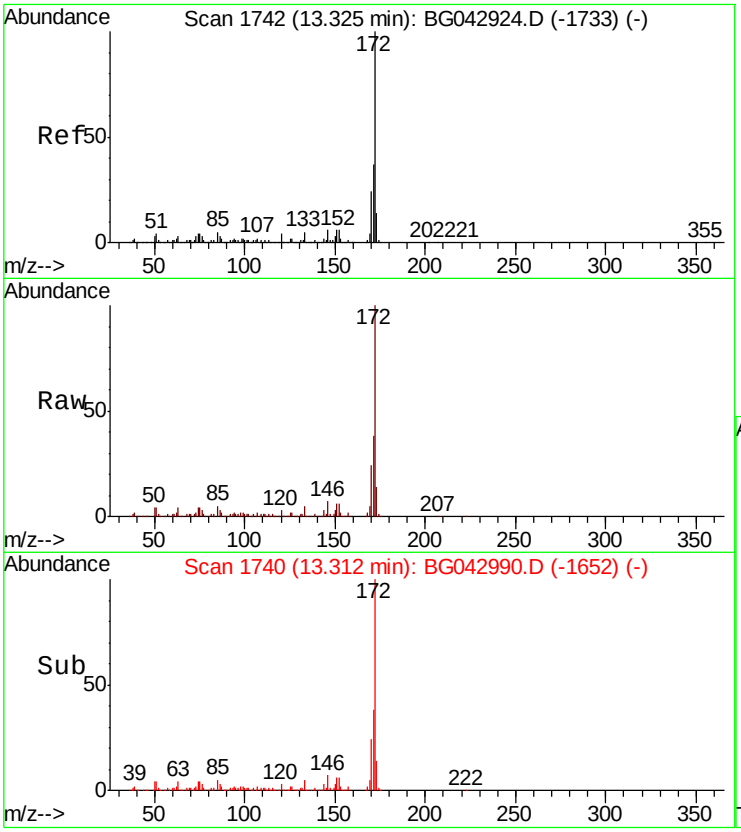


#42
2,4,6-Tribromophenol
Concen: 135.086 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:330 Resp: 442283

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	30.0	26.0	39.0



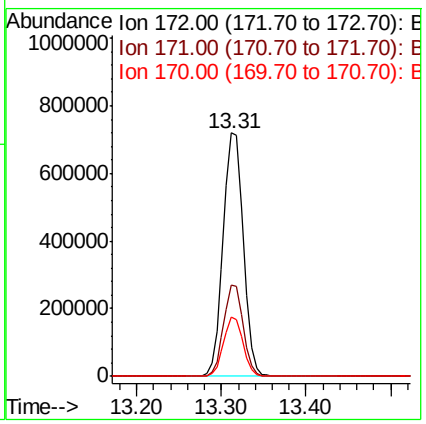


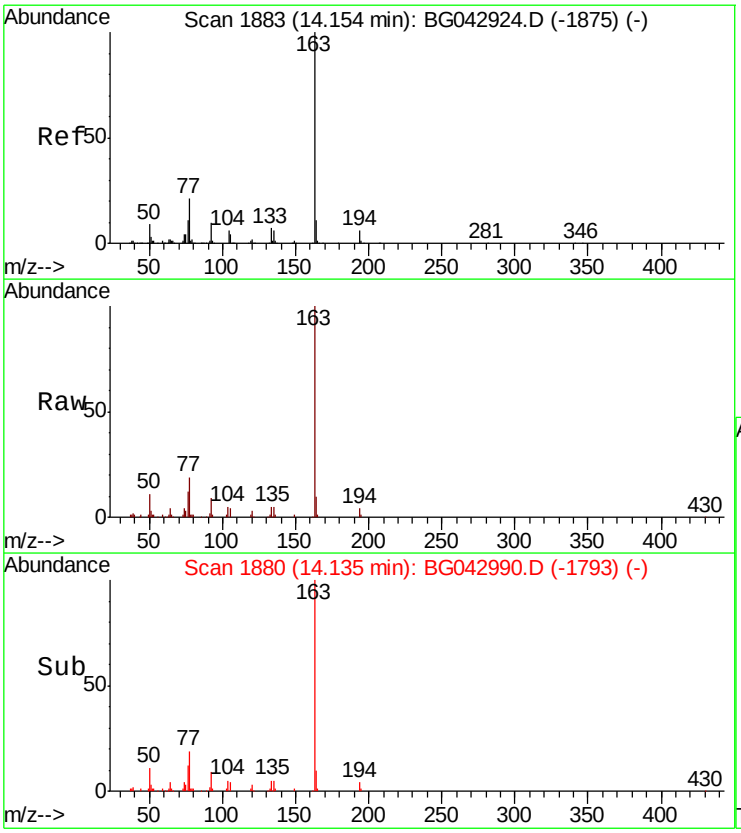
#45
2-Fluorobiphenyl
Concen: 90.633 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:172 Resp: 1190372

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.2	19.6	29.4

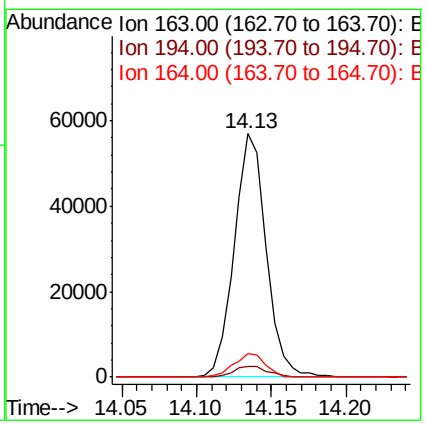


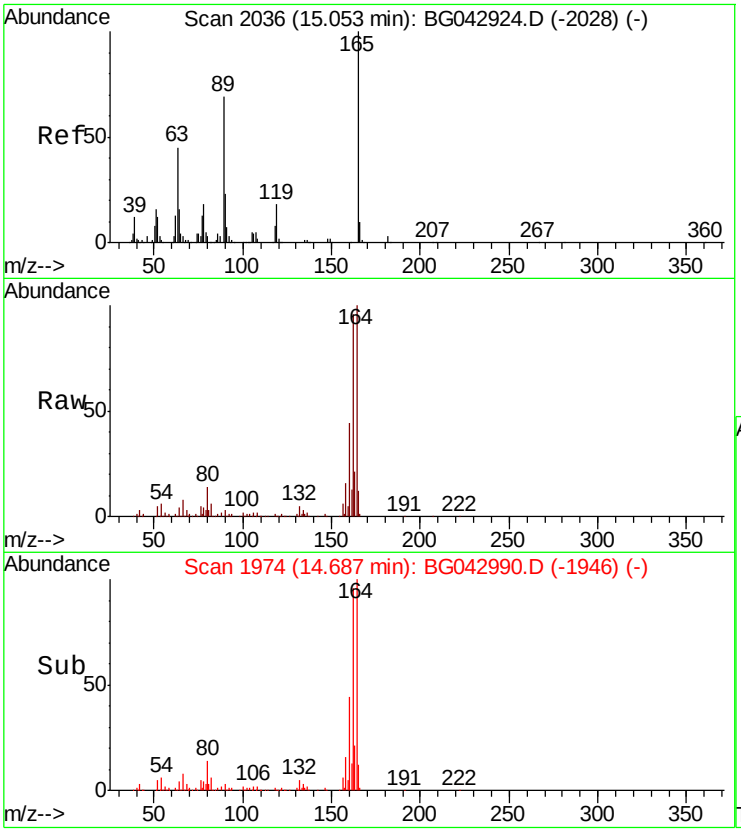


#50
Dimethylphthalate
Concen: 5.928 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:163 Resp: 84575

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	9.6	8.6	12.8



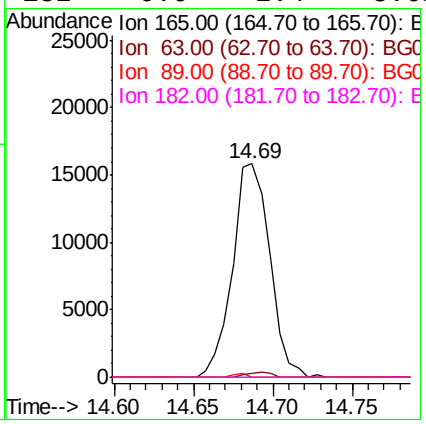


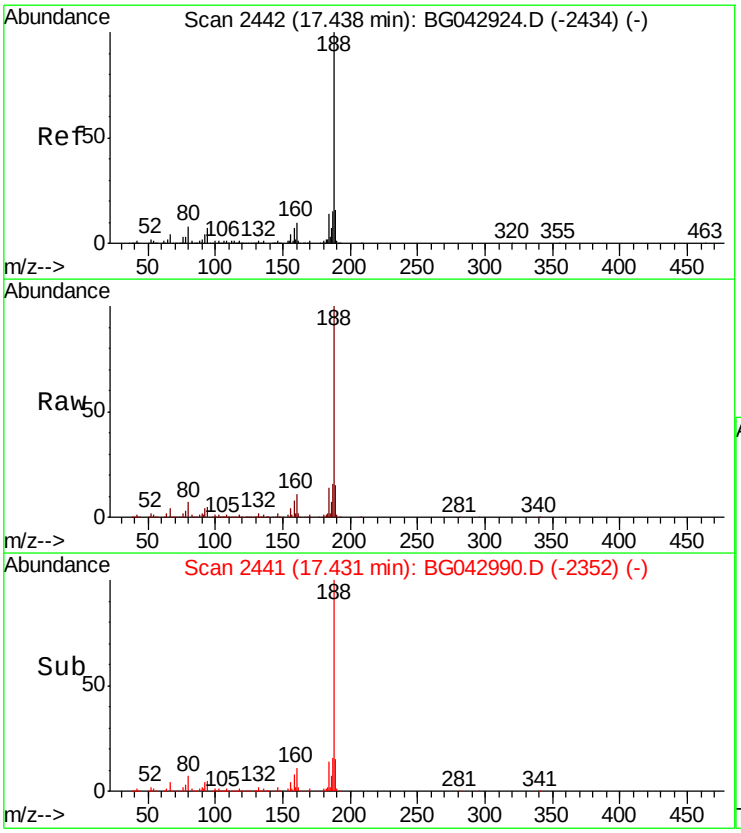
#57
2,4-Dinitrotoluene
Concen: 5.801 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:165 Resp: 25807

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.5	54.7#
89	0.0	55.5	83.3#
182	0.0	2.4	3.6#

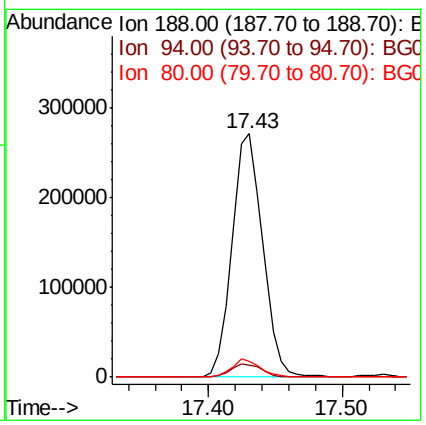


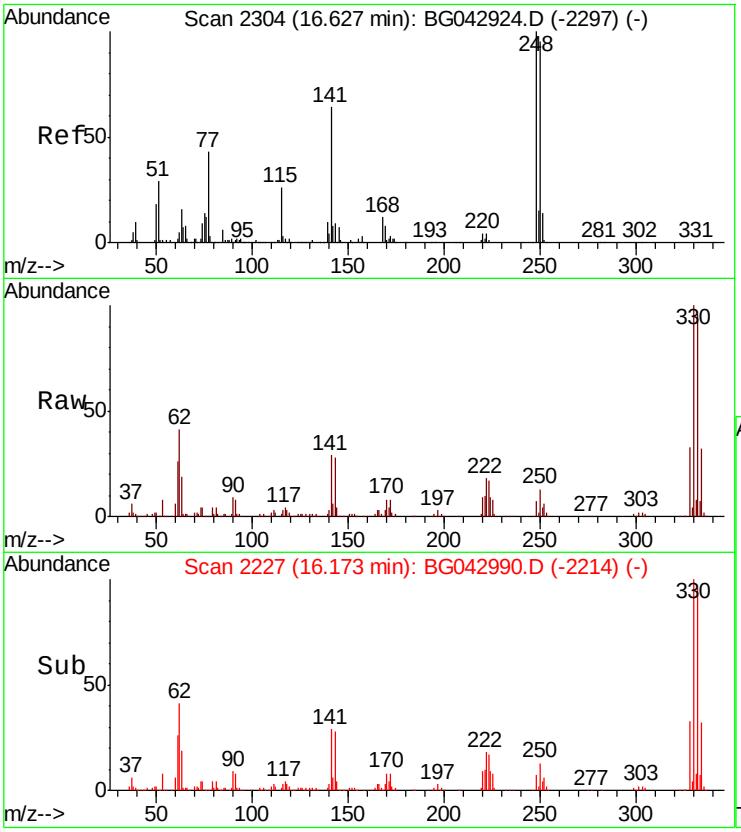


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:188 Resp: 431293

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.7	8.5#
80	6.7	6.5	9.7



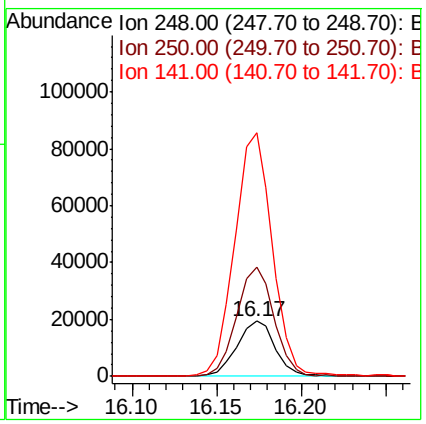


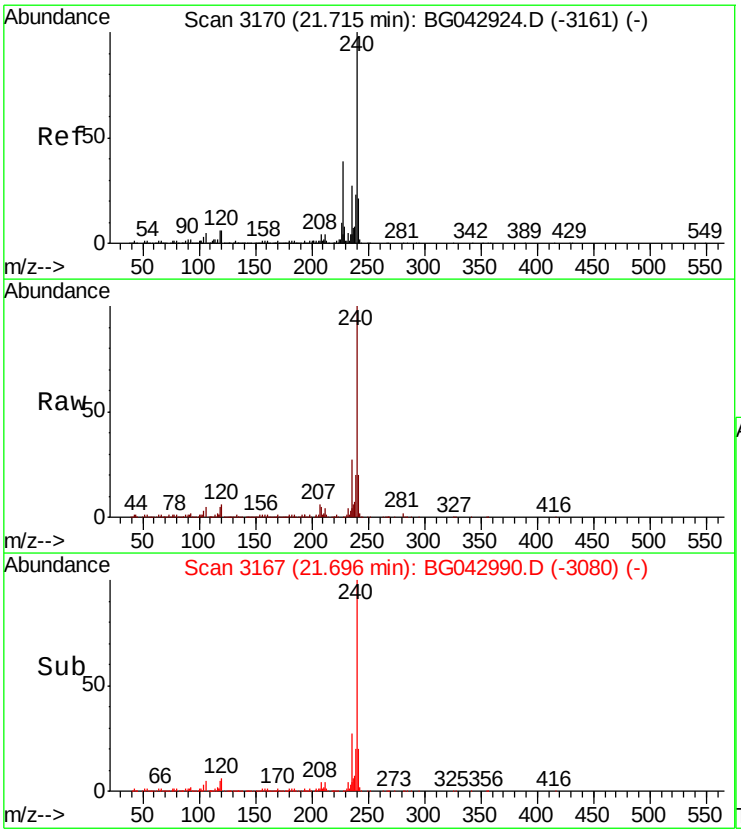
#67
4-Bromophenyl-phenylether
Concen: 5.580 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:248 Resp: 30206

Ion	Ratio	Lower	Upper
248	100		
250	198.4	75.8	113.8#
141	441.2	51.1	76.7#

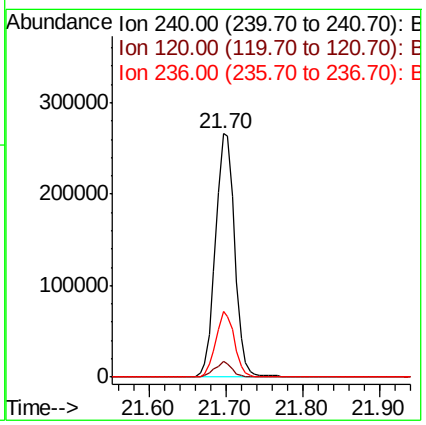


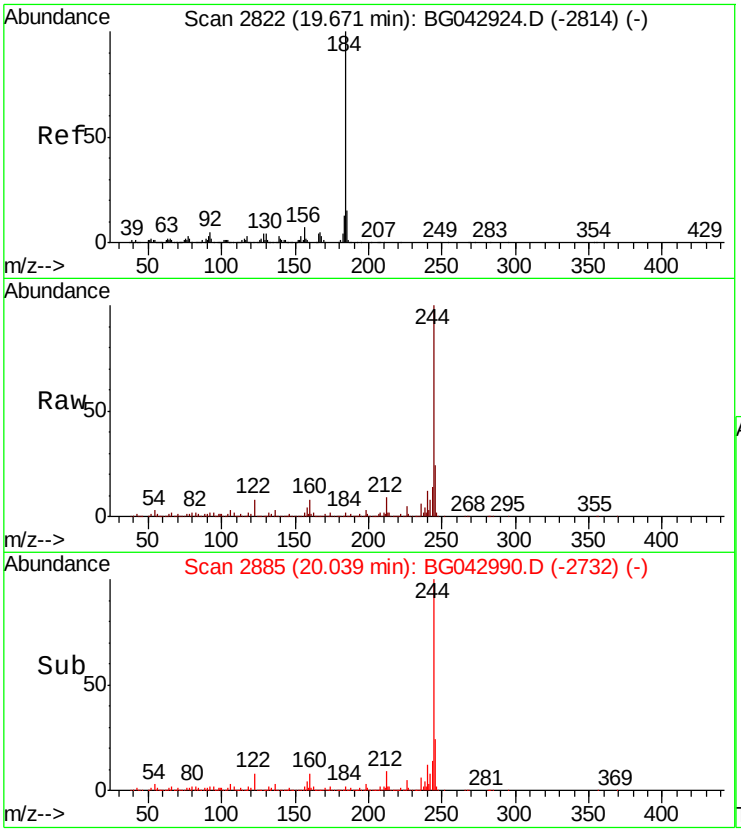


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:240 Resp: 457869

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.8	7.2
236	27.2	21.4	32.0



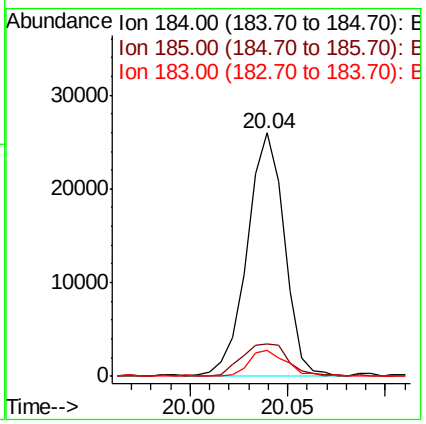


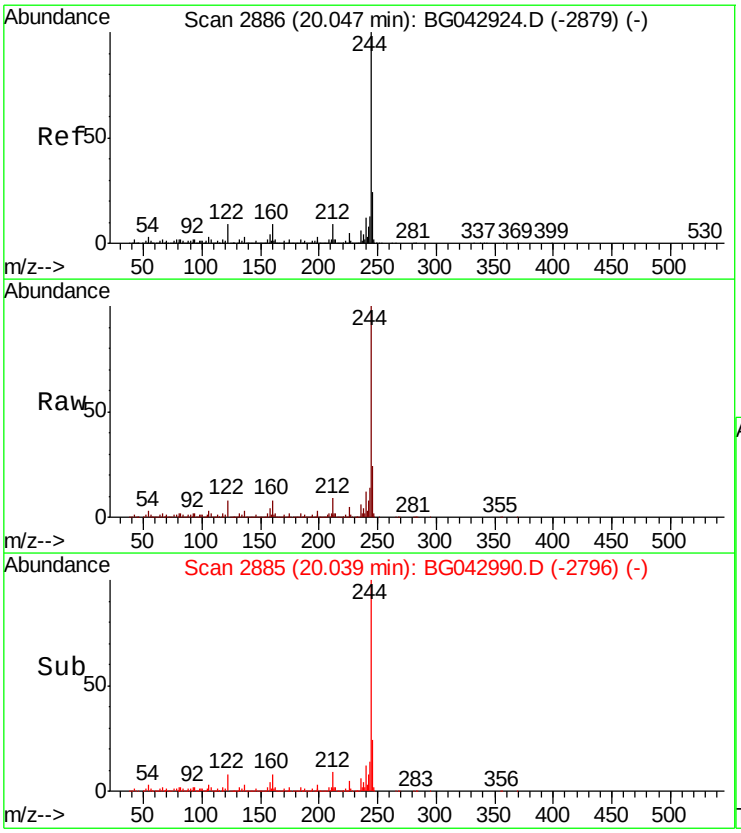
#77
Benzidine
Concen: 2.997 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:184 Resp: 34357

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.8	17.8
183	10.9	10.1	15.1

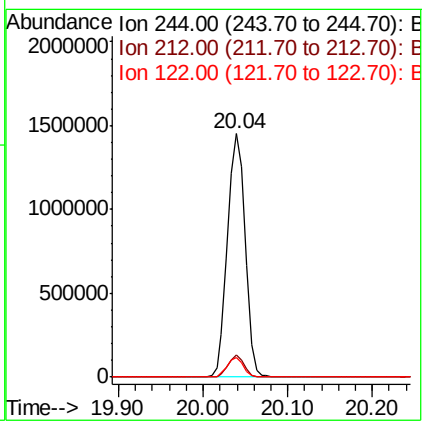


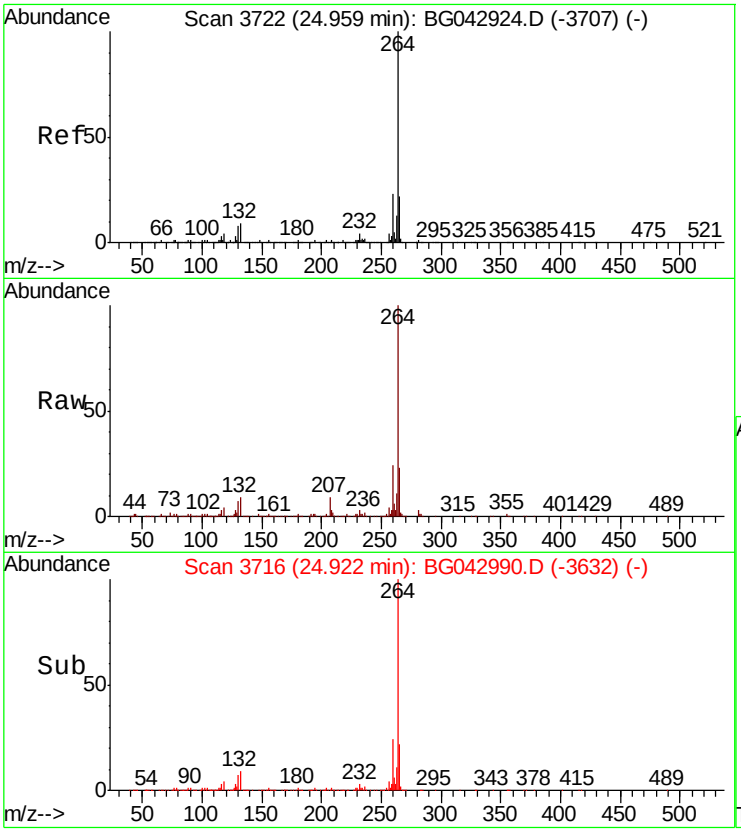


#79
Terphenyl-d14
Concen: 96.875 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:244 Resp: 2081582

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.2	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:264 Resp: 535028

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.7	17.7	26.5