Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042960.D
Acq On : 1 Oct 2019 3:13
Operator : JU
Sample : K5054-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 01 07:13:52 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	69255	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	257869	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	181096	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	433540	20.00	ng		0.00
76) Chrysene-d12	21.70	240	484692	20.00	ng		-0.02
87) Perylene-d12	24.92	264	546897	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	513689	132.37	ng		0.00
7) Phenol-d6	7.24	99	723396	129.45	ng		0.00
23) Nitrobenzene-d5	9.23	82	465580	87.76	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	429989	138.08	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1148803	91.96	ng		-0.01
79) Terphenyl-d14	20.04	244	2137227	93.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	11030	2.151	ng		83
15) Benzyl Alcohol	8.40	79	8604	2.048	ng	#	73
19) n-Nitroso-di-n-propylamine	9.23	70	65953	17.973	ng	#	73
32) Benzoic acid	10.19	122	58	2.823	ng	#	1
50) Dimethylphthalate	14.14	163	90323	6.657	ng		99
57) 2,4-Dinitrotoluene	14.69	165	25486	6.023	ng	#	25
67) 4-Bromophenyl-phenylether	16.17	248	29070	5.342	ng	#	1
77) Benzidine	20.04	184	37347	3.077	ng	#	93

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

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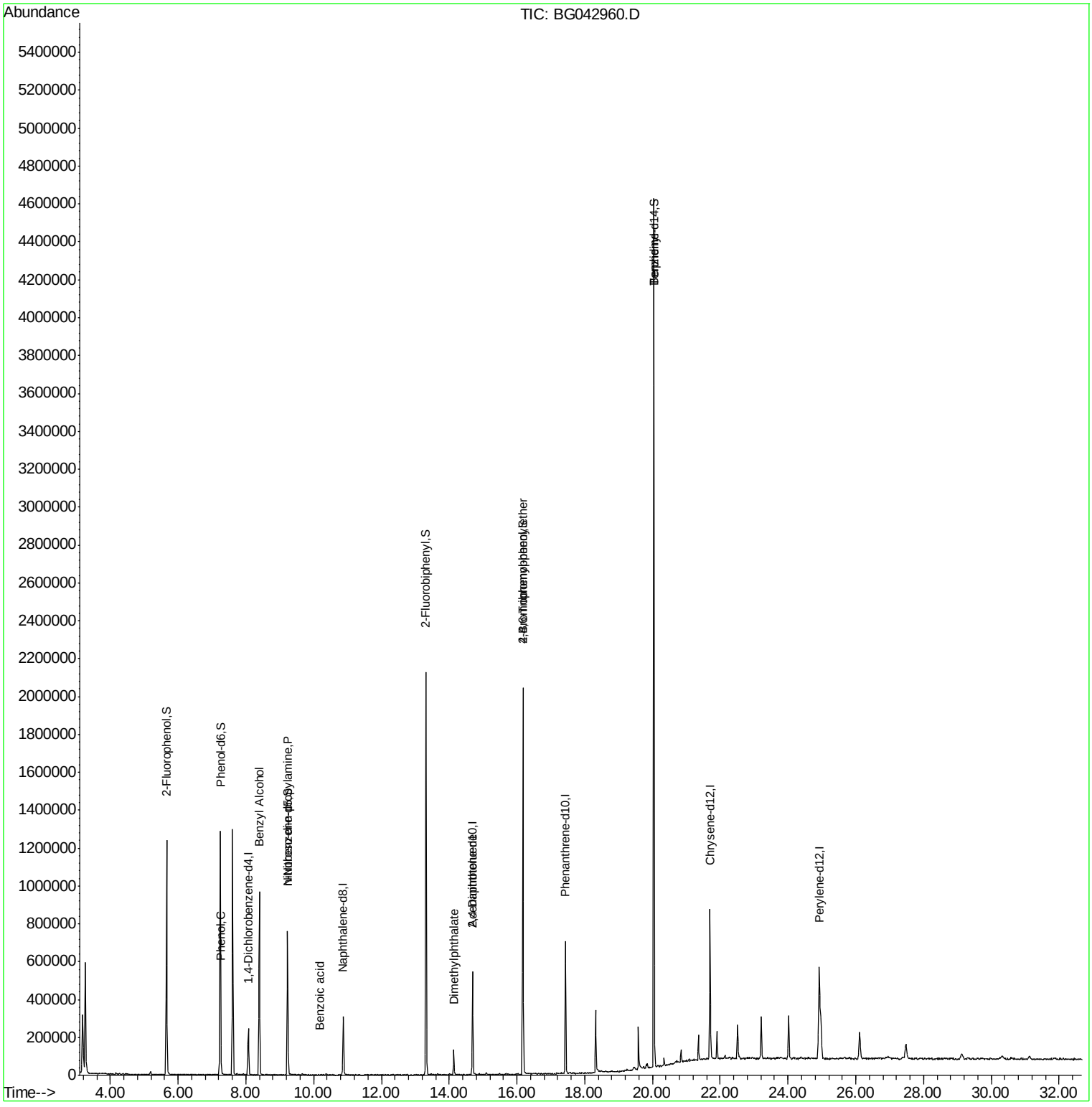
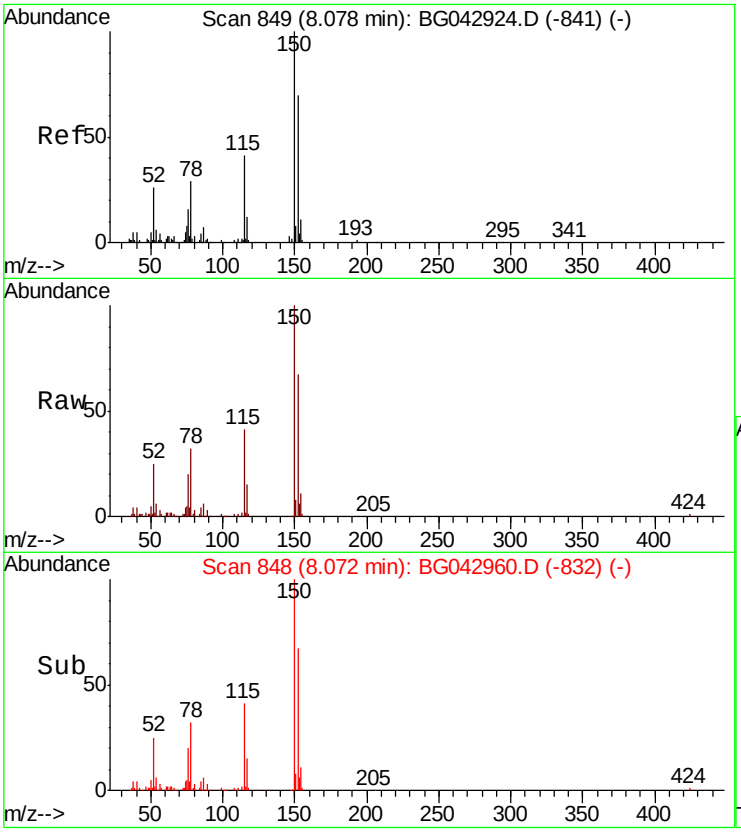


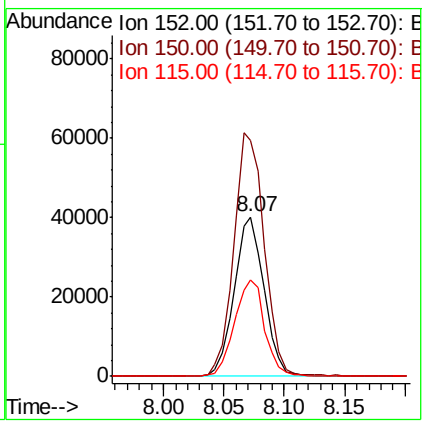


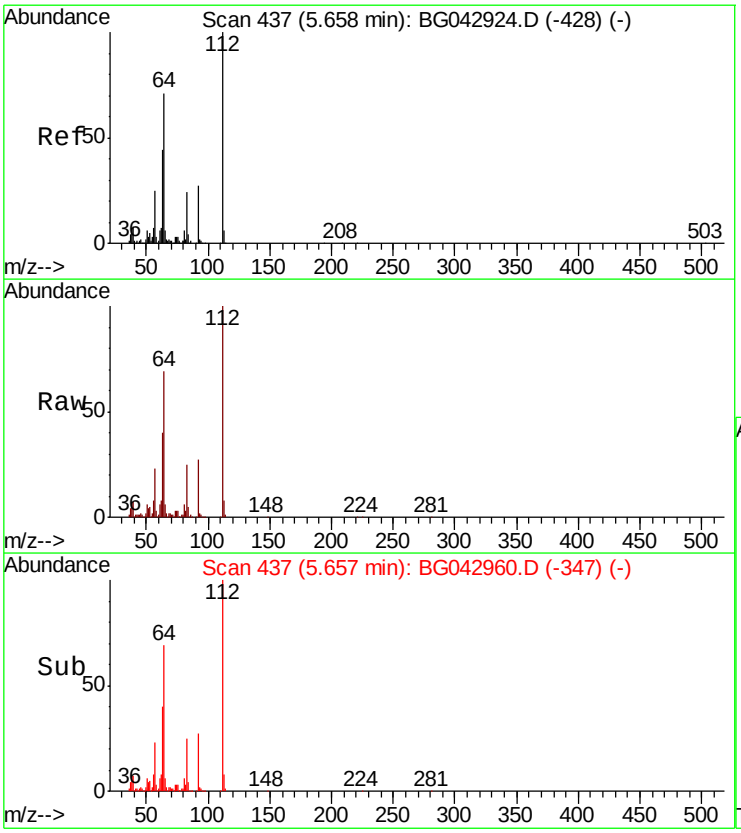
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69255

Ion	Ratio	Lower	Upper
152	100		
150	148.3	115.0	172.4
115	60.6	47.0	70.6

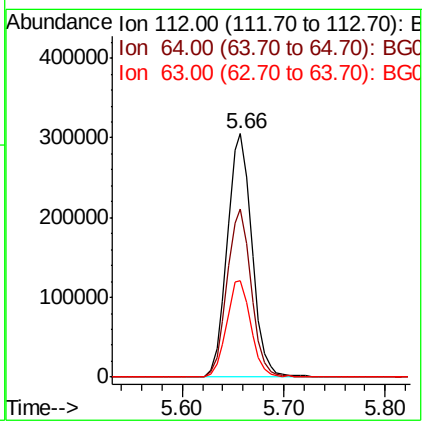


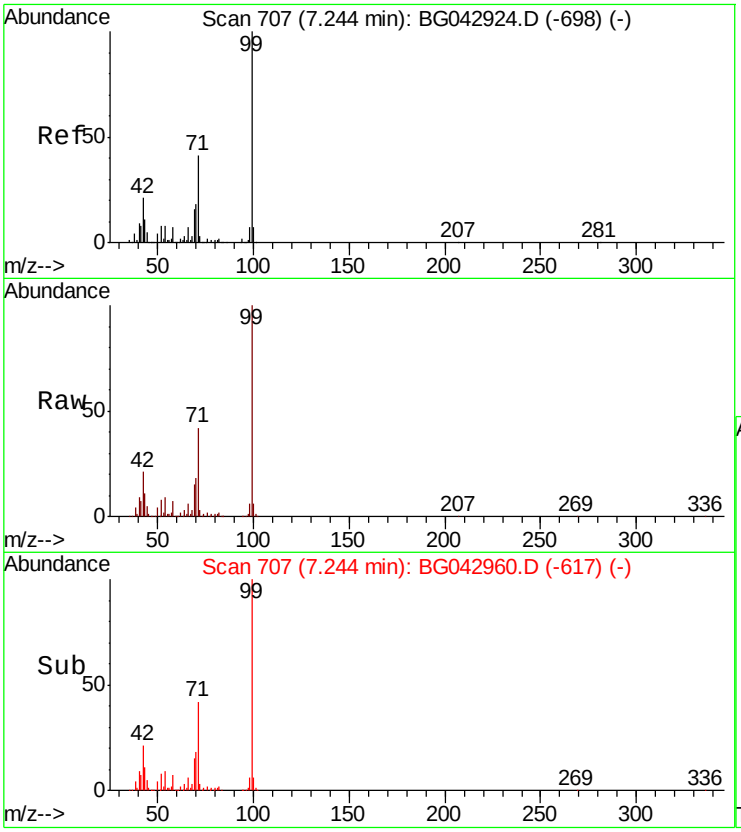


#5
2-Fluorophenol
Concen: 132.372 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:112 Resp: 513689

Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.6	84.8
63	39.6	35.1	52.7



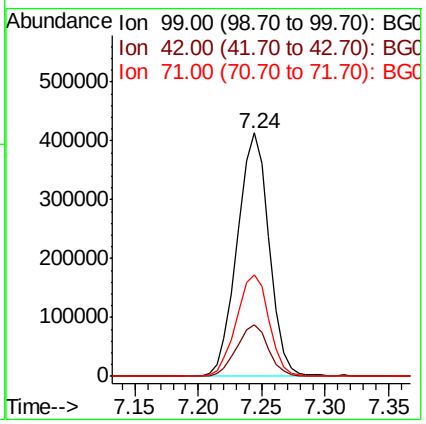


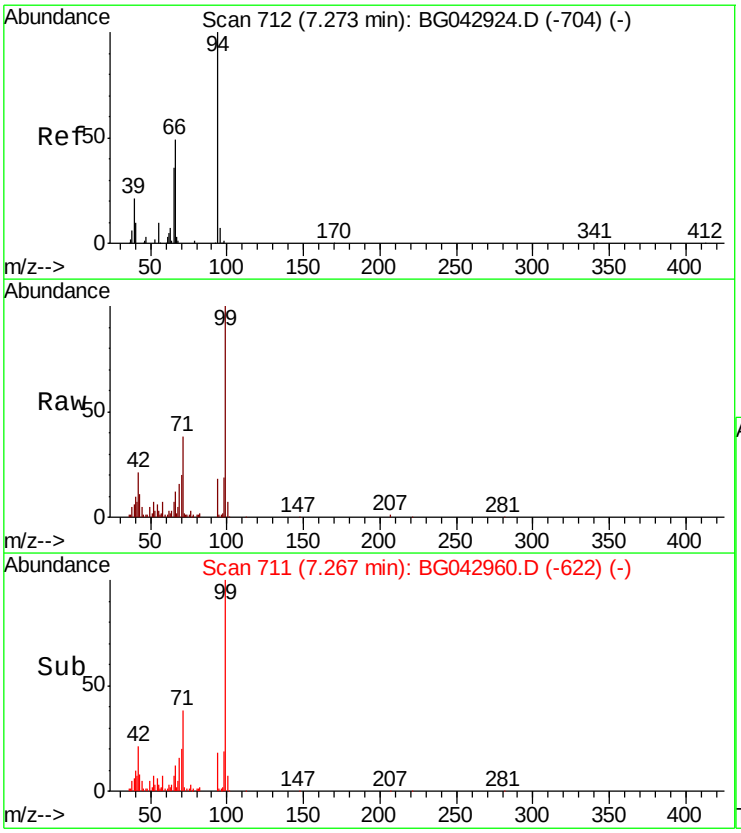
#7
Phenol-d6
Concen: 129.447 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 723396

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	41.7	33.1	49.7

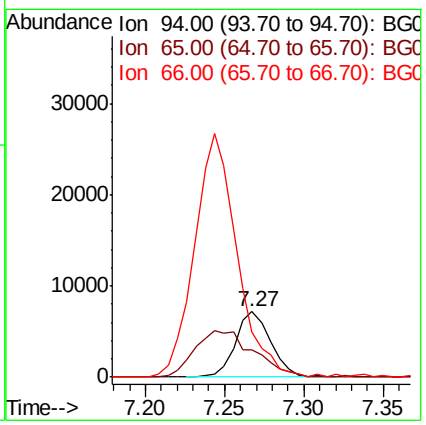


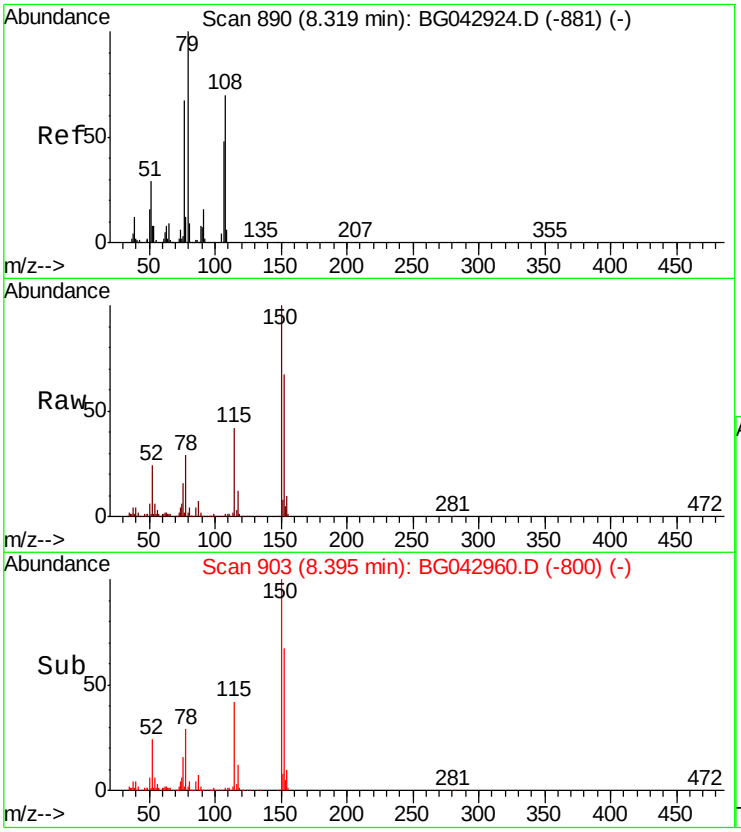


#10
Phenol
Concen: 2.151 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 94 Resp: 11030

Ion	Ratio	Lower	Upper
94	100		
65	42.0	16.6	56.6
66	68.4	32.4	72.4



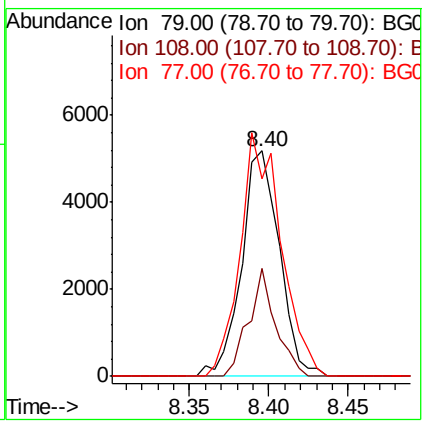


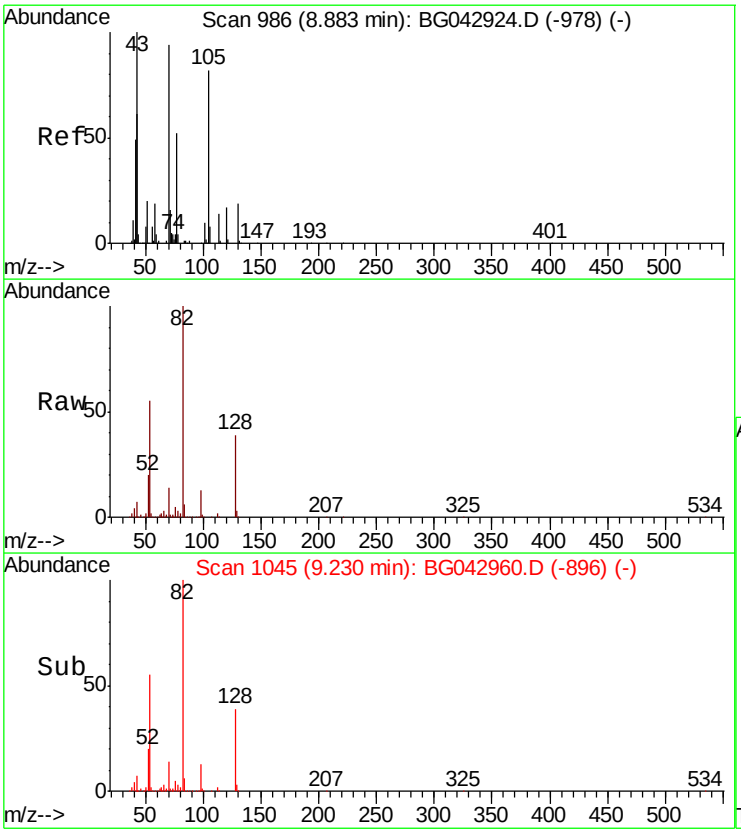
#15
Benzyl Alcohol
Concen: 2.048 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.08 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 8604

Ion	Ratio	Lower	Upper
79	100		
108	47.6	55.7	83.5#
77	87.6	53.3	79.9#

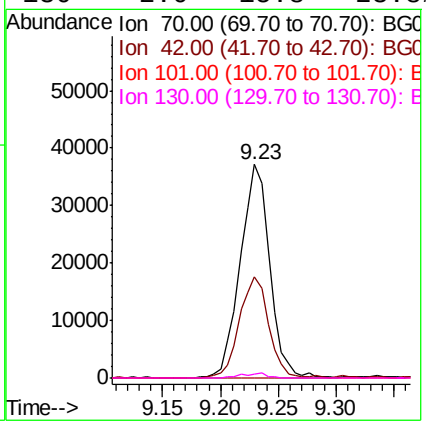


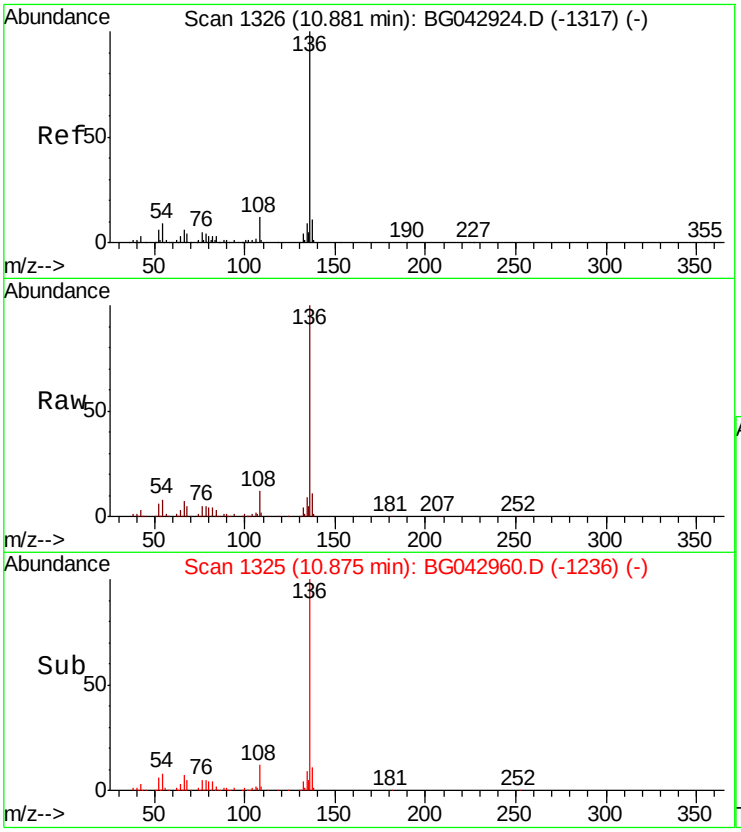


#19
n-Nitroso-di-n-propylamine
Concen: 17.973 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 70 Resp: 65953

Ion	Ratio	Lower	Upper
70	100		
42	47.5	52.6	79.0#
101	0.0	8.7	13.1#
130	2.0	15.8	23.8#



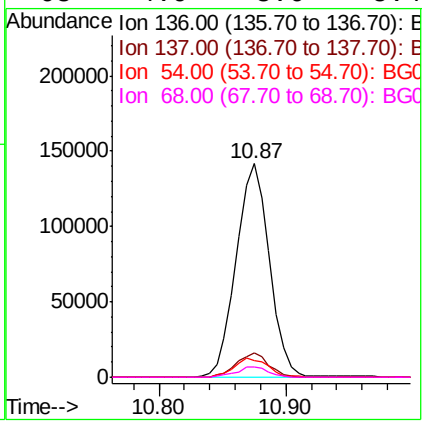


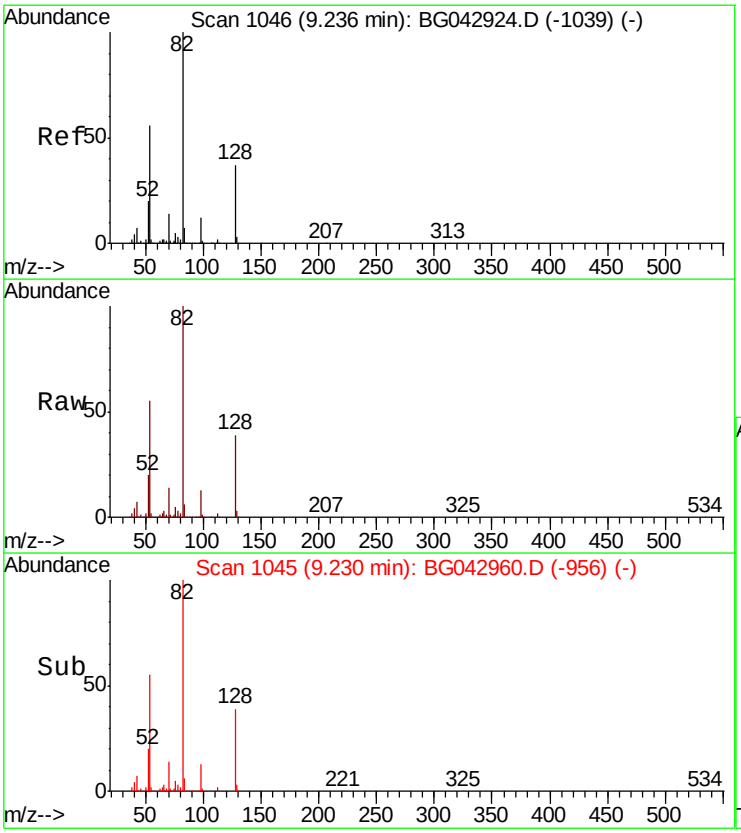
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 257869

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.1	7.4	11.2
68	4.9	3.6	5.4

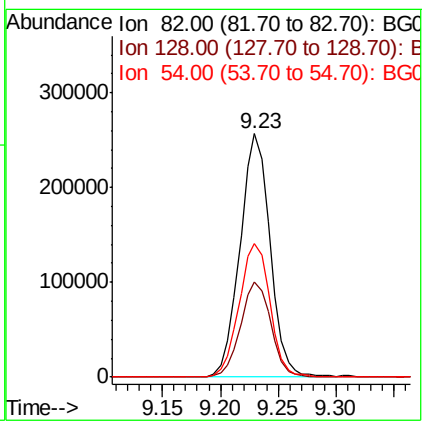


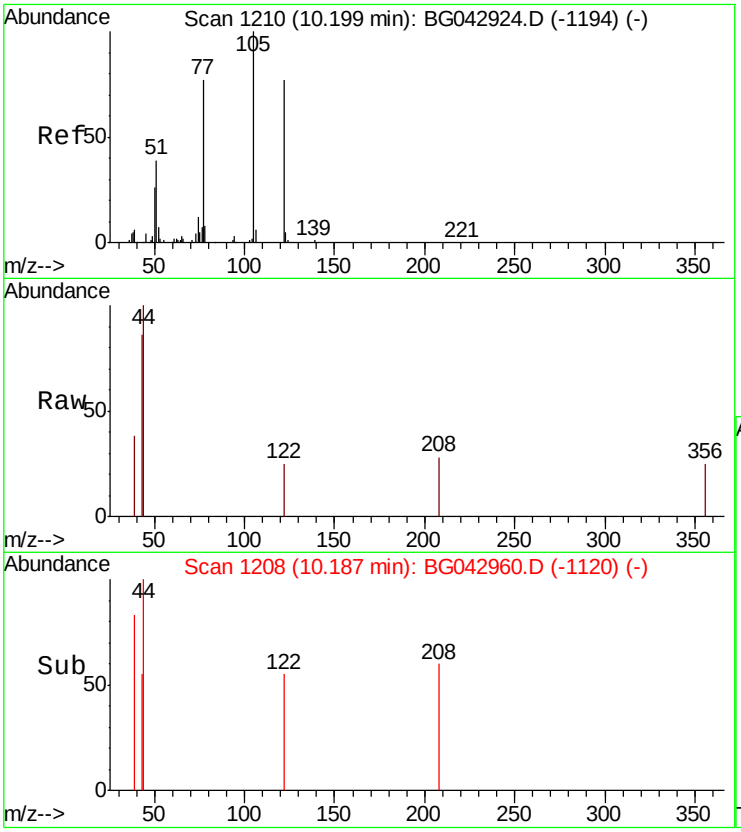


#23
Nitrobenzene-d5
Concen: 87.756 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 82 Resp: 465580

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.5	44.3
54	55.0	44.6	67.0



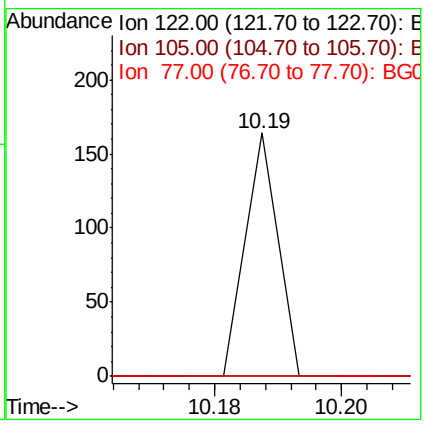


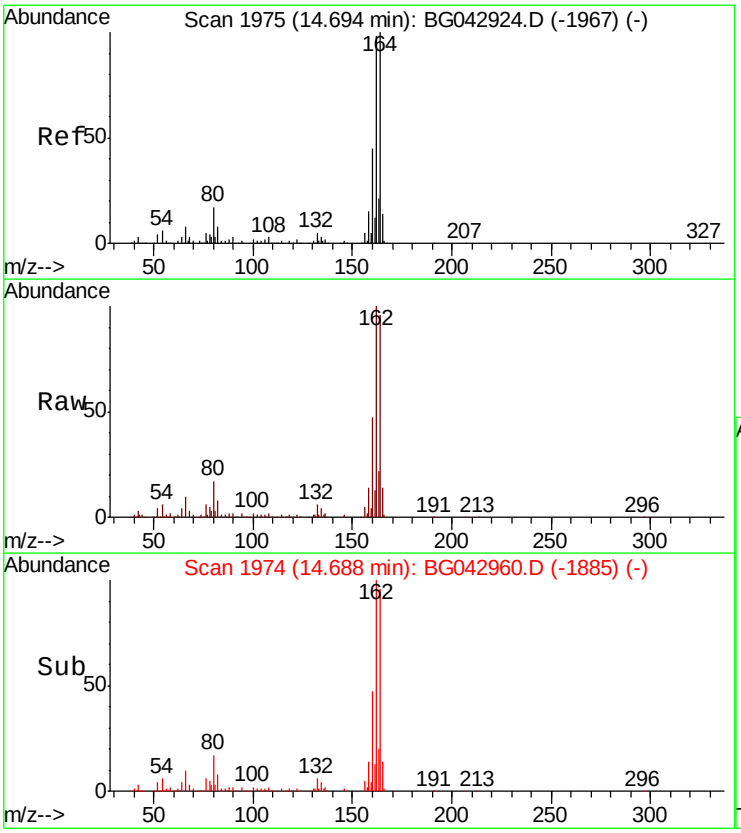
#32
Benzoic acid
Concen: 2.823 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 58

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

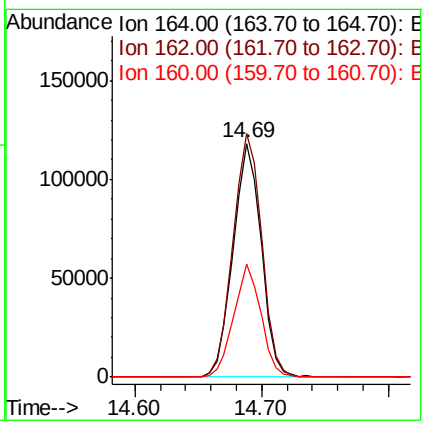


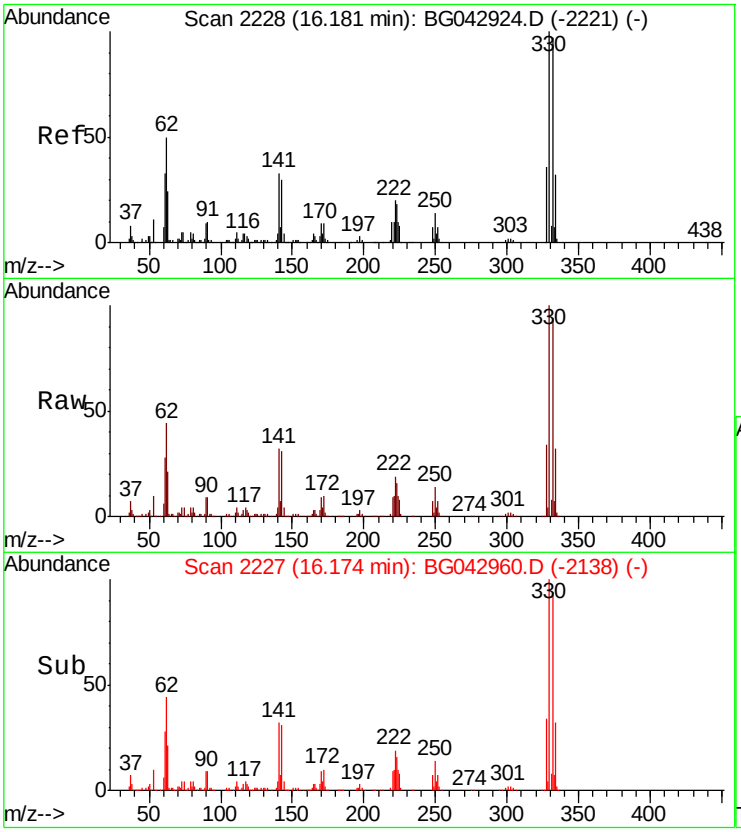


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:164 Resp: 181096

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.5	117.7
160	48.5	35.9	53.9



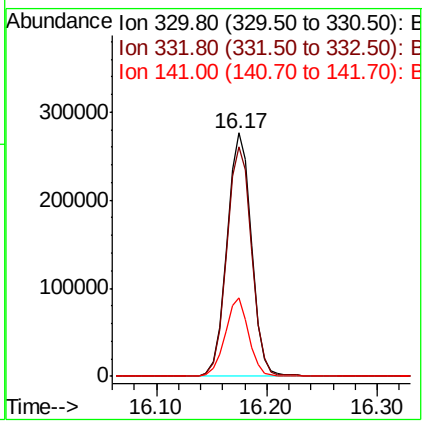


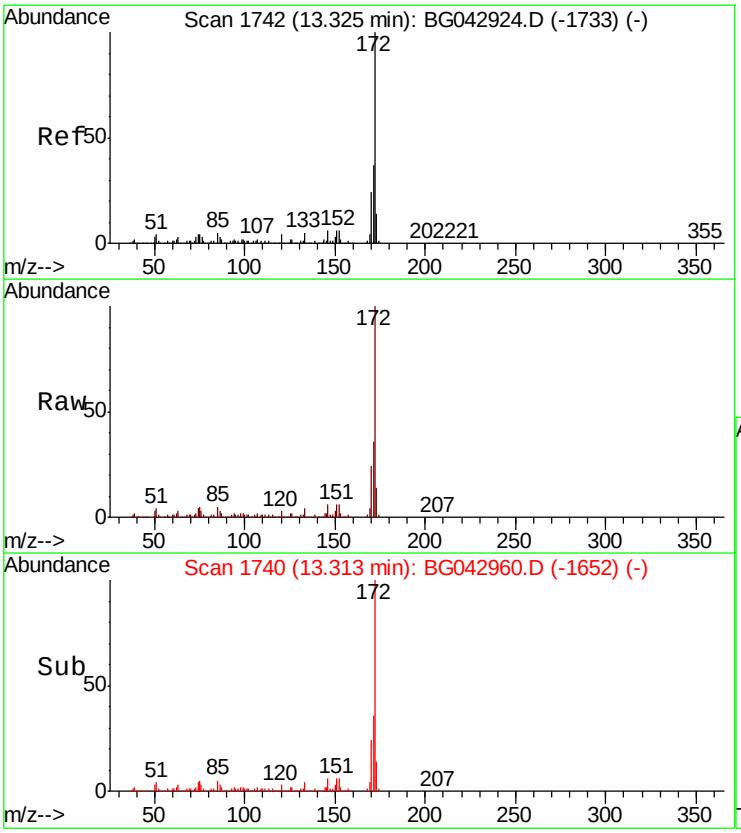
#42
2,4,6-Tribromophenol
Concen: 138.080 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 429989

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	31.0	26.0	39.0

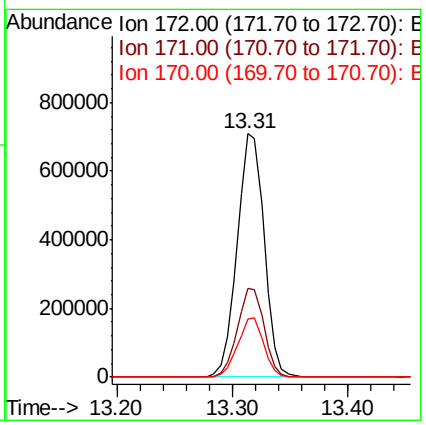


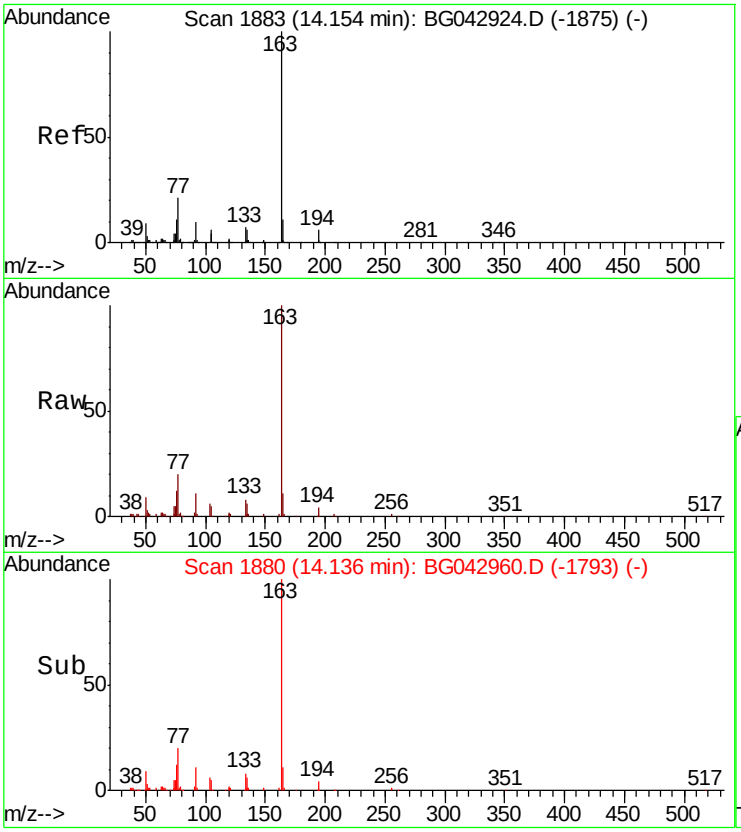


#45
2-Fluorobiphenyl
Concen: 91.963 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:172 Resp: 1148803

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.6	29.4



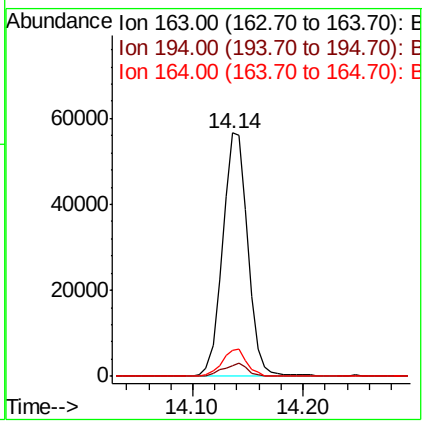


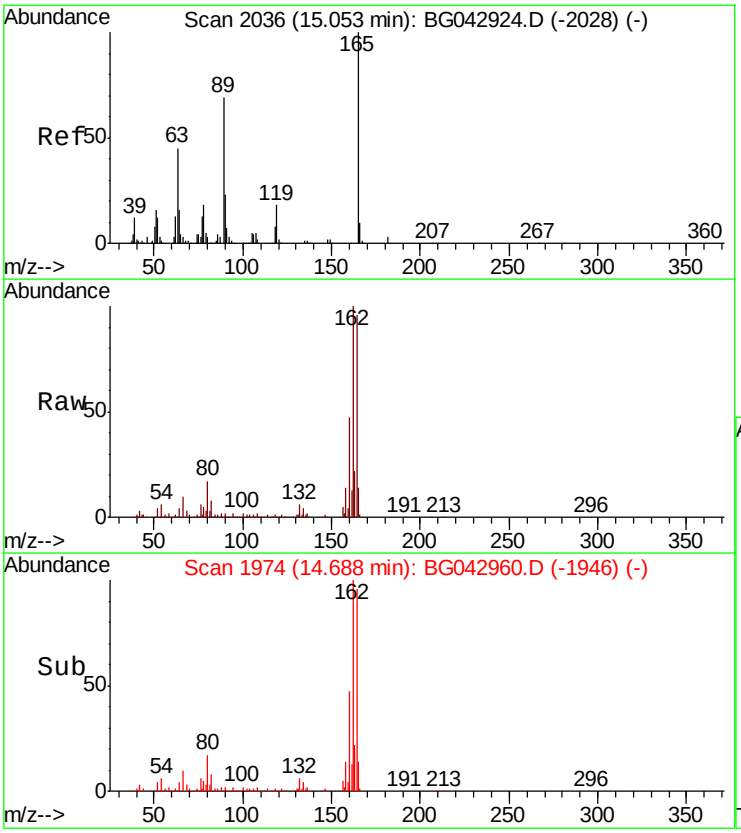
#50
Dimethylphthalate
Concen: 6.657 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 90323

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.4	6.6
164	10.9	8.6	12.8

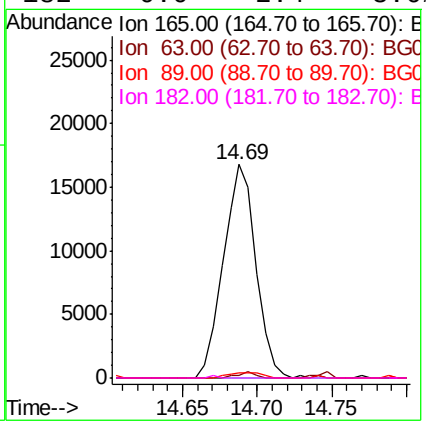


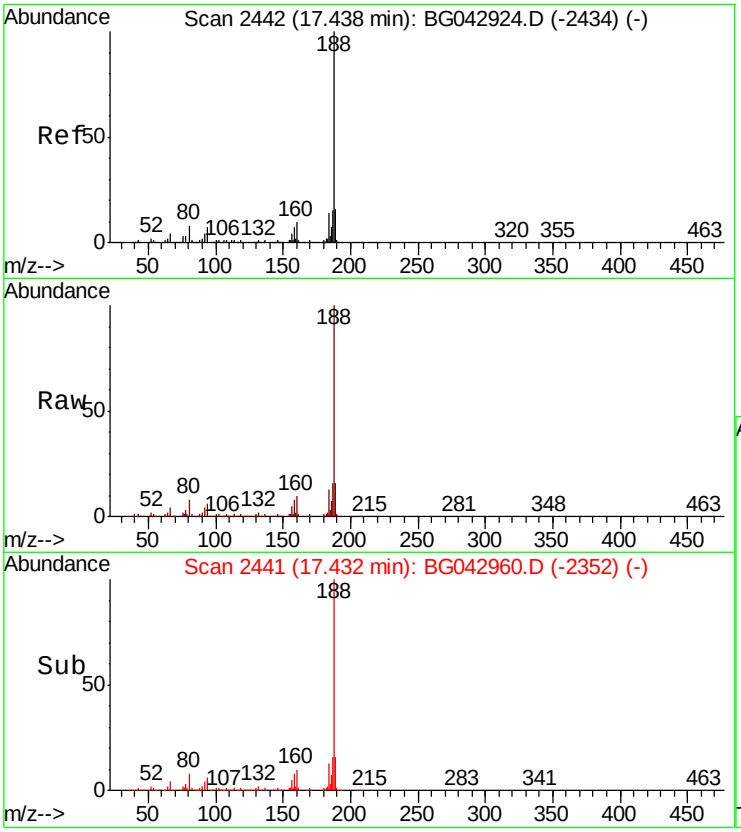


#57
2,4-Dinitrotoluene
Concen: 6.023 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.36 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:165 Resp: 25486

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.5	54.7#
89	2.6	55.5	83.3#
182	0.0	2.4	3.6#



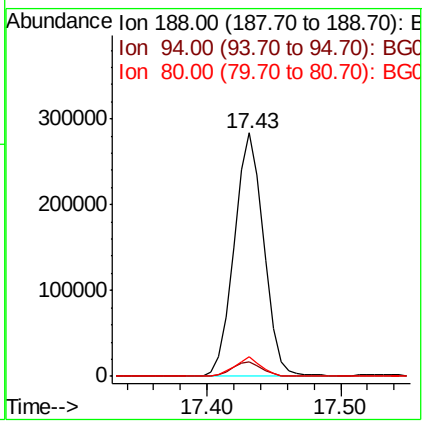


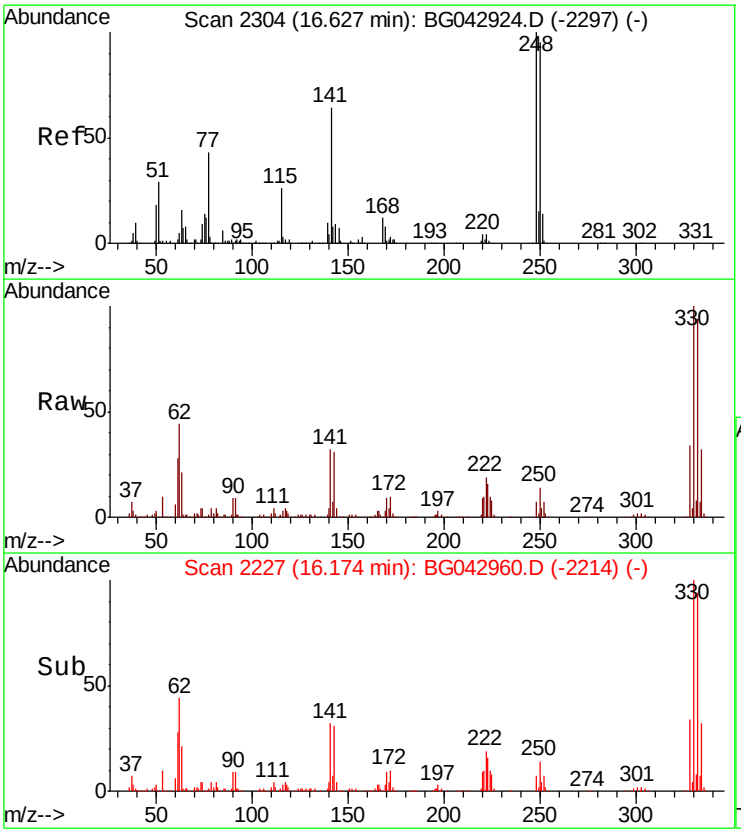
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 433540

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	8.2	6.5	9.7

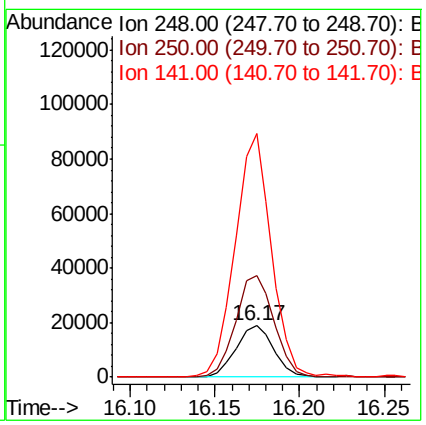


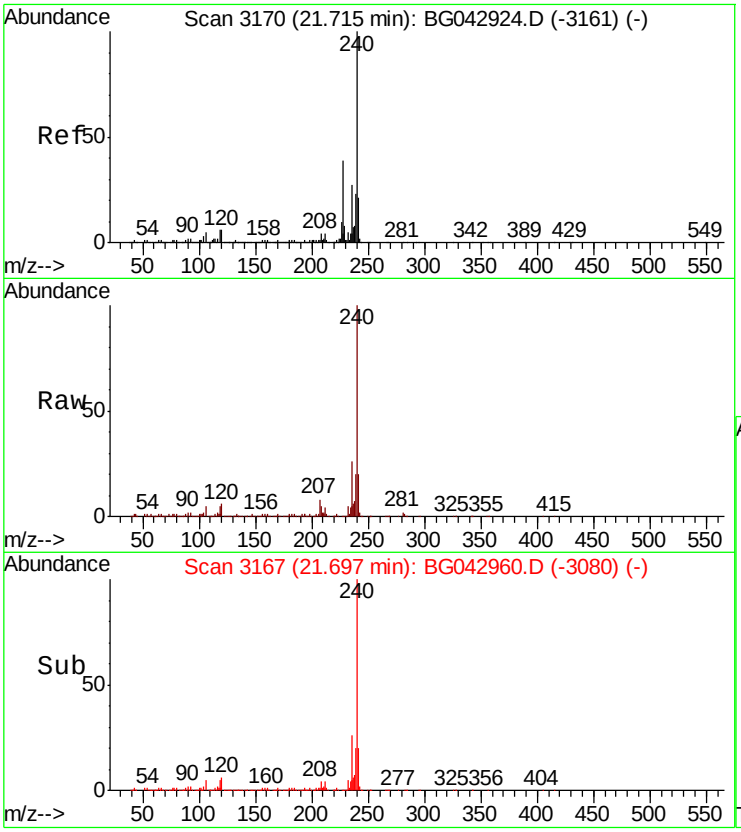


#67
4-Bromophenyl-phenylether
Concen: 5.342 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:248 Resp: 29070

Ion	Ratio	Lower	Upper
248	100		
250	198.6	75.8	113.8#
141	474.8	51.1	76.7#



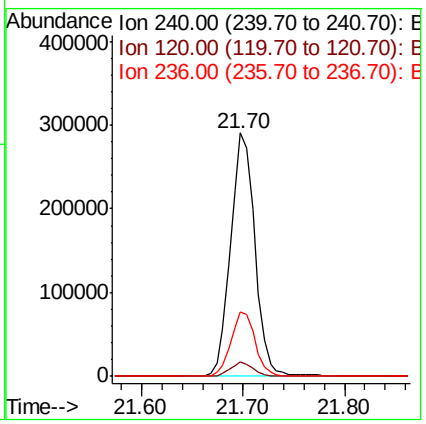


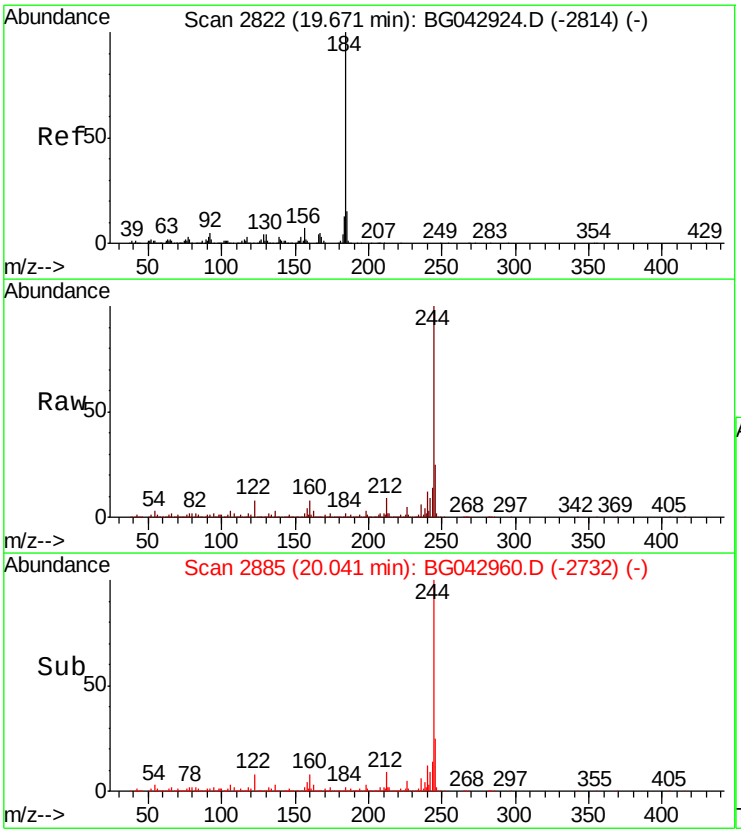
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 484692

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	26.3	21.4	32.0

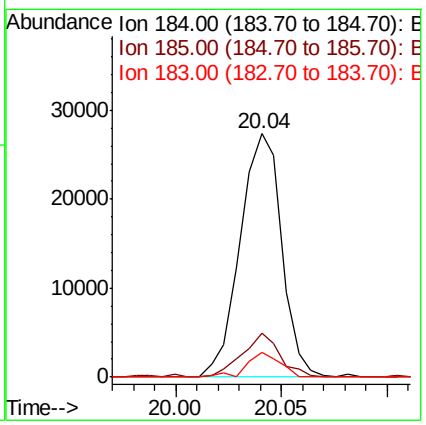


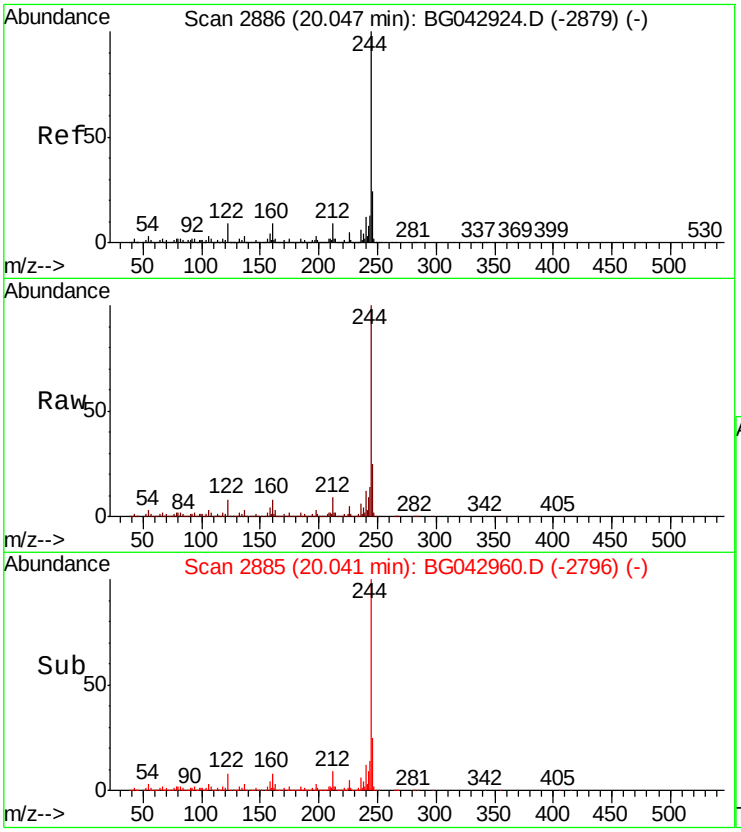


#77
Benzidine
Concen: 3.077 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:184 Resp: 37347

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



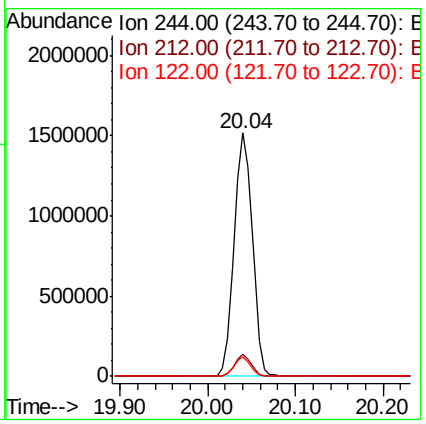


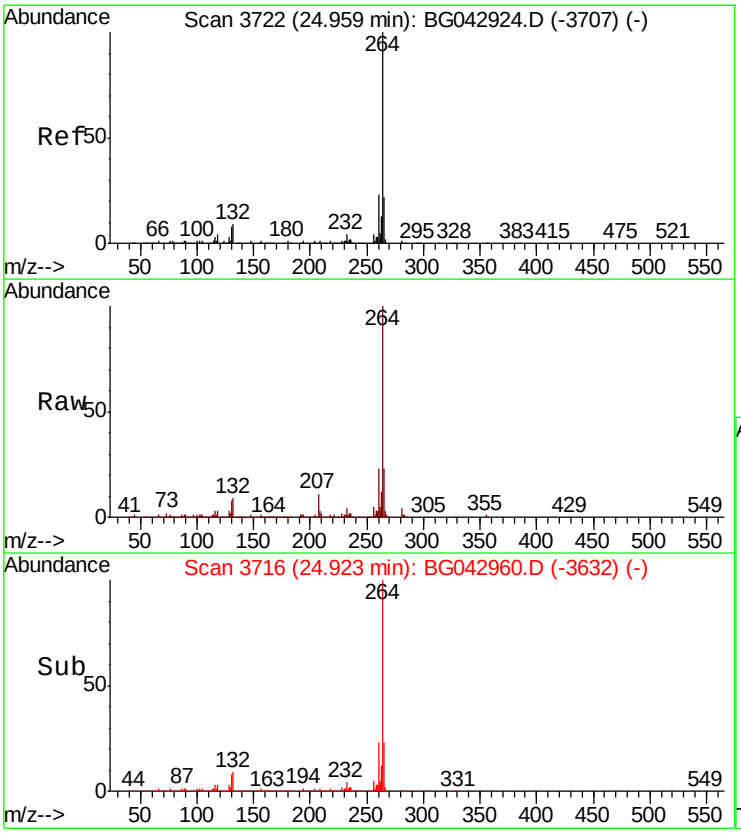
#79
Terphenyl-d14
Concen: 93.960 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2137227

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	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: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:264 Resp: 546897

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	23.2	17.7	26.5