Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043013.D
Acq On : 3 Oct 2019 15:54
Operator : JU
Sample : K5168-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190769-SS-COMPOSITE-9

Quant Time: Oct 04 06:33:04 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	73166	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	275528	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	189629	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	437825	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	458966	20.00	ng		-0.02
87) Perylene-d12	24.92	264	538118	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	546102	133.20	ng		0.00
7) Phenol-d6	7.24	99	779614	132.05	ng		0.00
23) Nitrobenzene-d5	9.23	82	481461	84.93	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	430011	131.87	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1118359	85.50	ng		-0.01
79) Terphenyl-d14	20.03	244	1795751	83.37	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.27	94	29861	5.513	ng		95
19) n-Nitroso-di-n-propylamine	9.23	70	69806	18.007	ng	#	70
32) Benzoic acid	10.14	122	69	2.826	ng	#	1
50) Dimethylphthalate	14.13	163	177254	12.475	ng	#	97
57) 2,4-Dinitrotoluene	14.69	165	27244	6.149	ng	#	25
67) 4-Bromophenyl-phenylether	16.17	248	29420	5.354	ng	#	1
77) Benzidine	20.04	184	28744	2.501	ng	#	91

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

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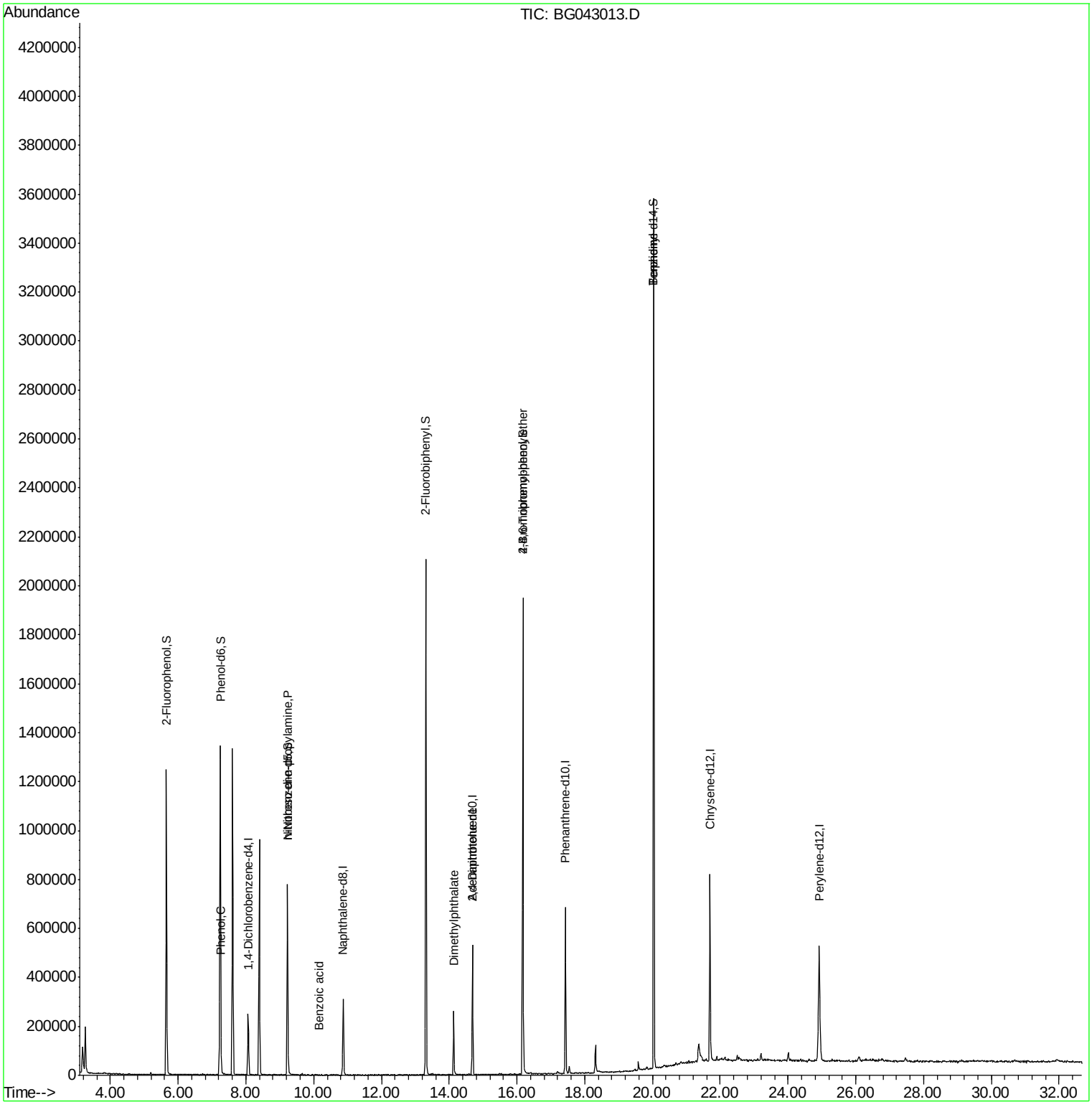
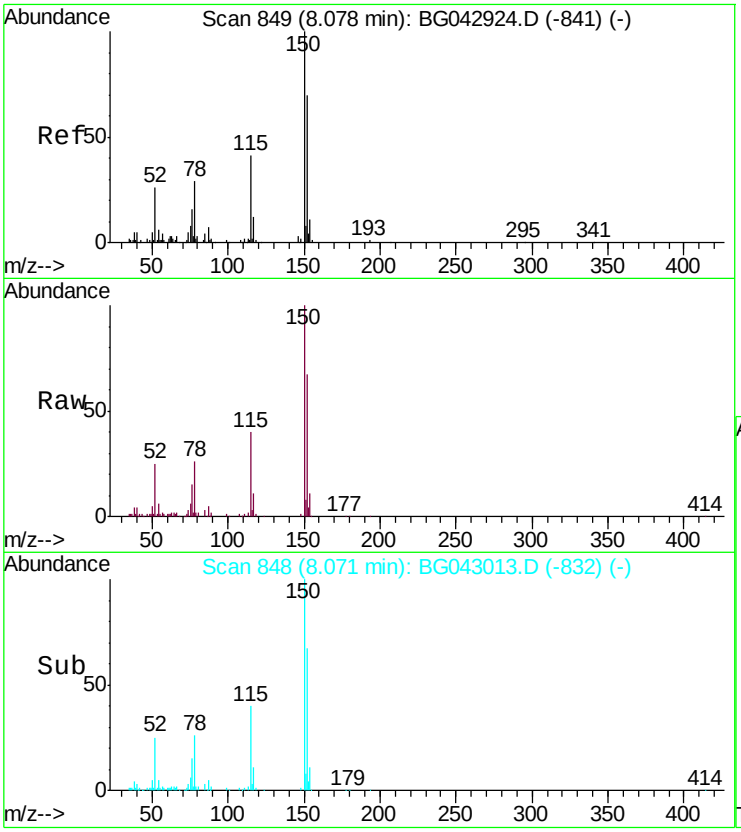


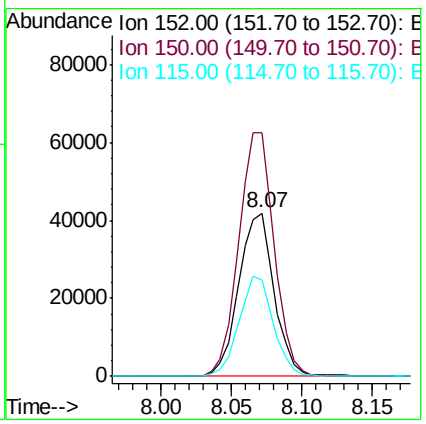


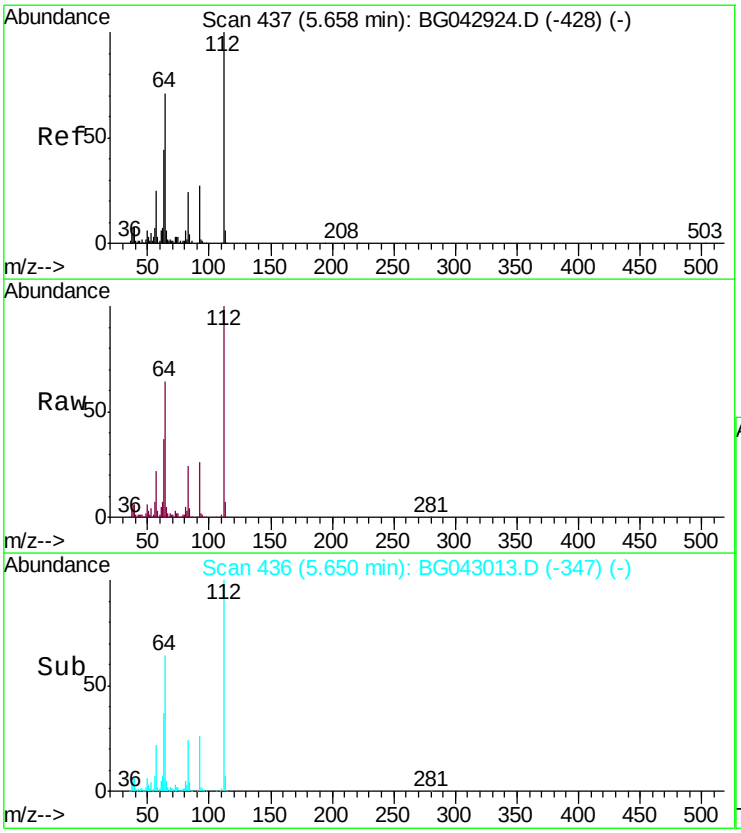
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:152 Resp: 73166

Ion	Ratio	Lower	Upper
152	100		
150	149.1	115.0	172.4
115	59.3	47.0	70.6

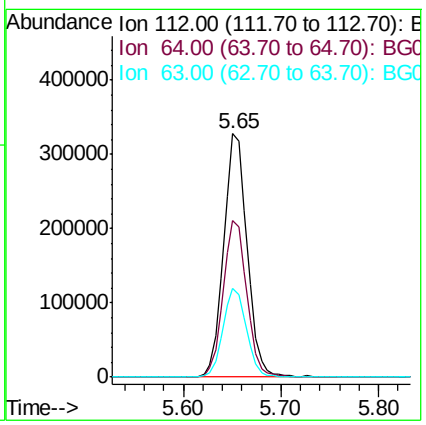


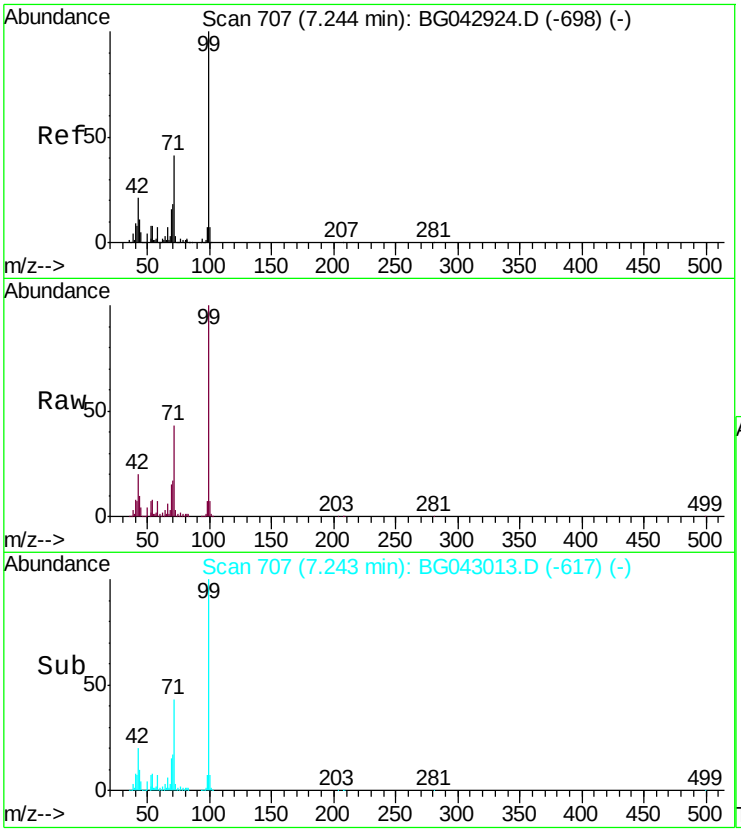


#5
2-Fluorophenol
Concen: 133.202 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:112 Resp: 546102

Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.6	84.8
63	36.6	35.1	52.7



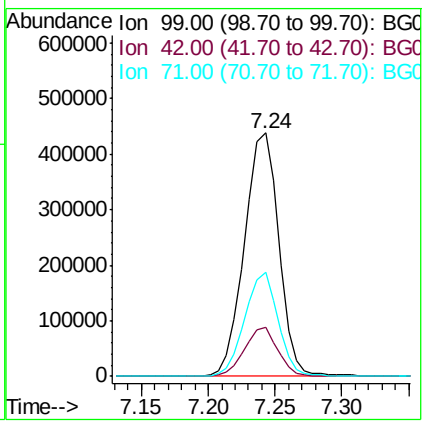


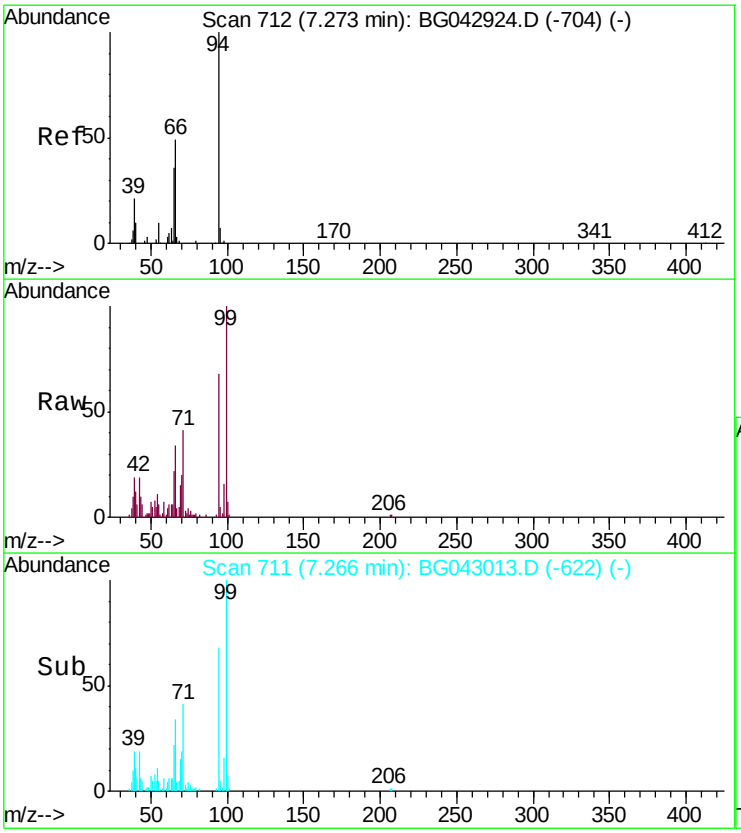
#7
Phenol-d6
Concen: 132.049 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion: 99 Resp: 779614

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.2	25.8
71	42.6	33.1	49.7

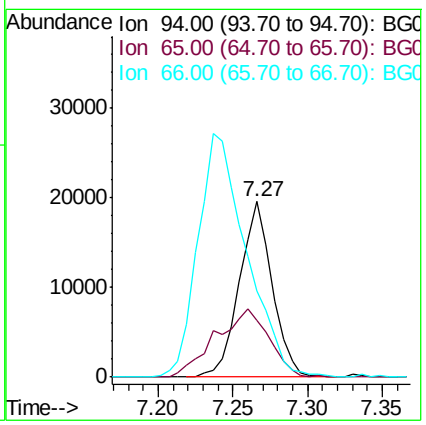


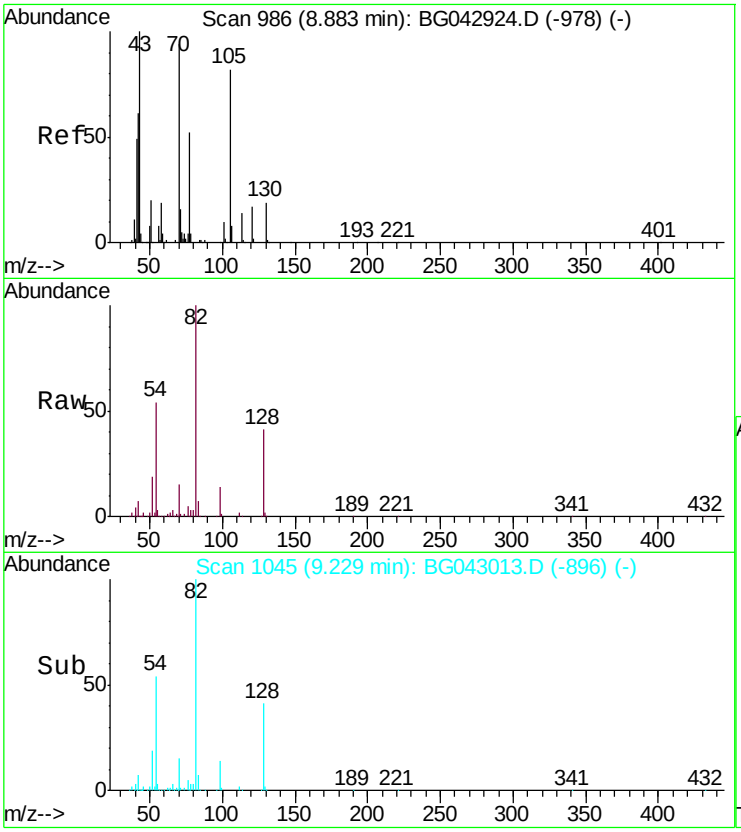


#10
Phenol
Concen: 5.513 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion: 94 Resp: 29861

Ion	Ratio	Lower	Upper
94	100		
65	32.6	16.6	56.6
66	49.5	32.4	72.4



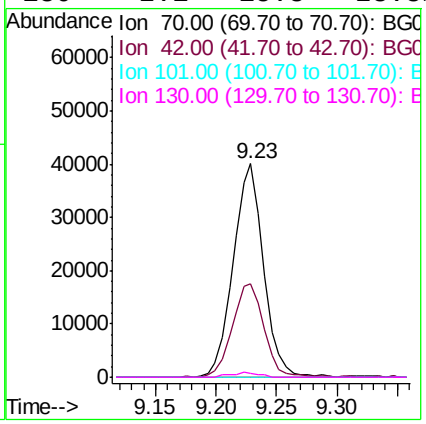


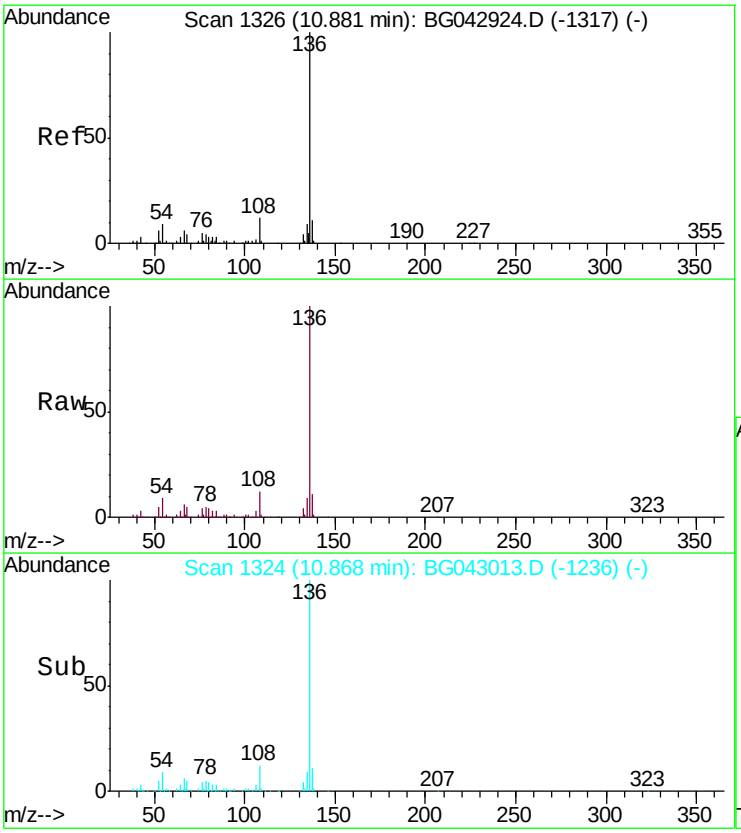
#19
n-Nitroso-di-n-propylamine
Concen: 18.007 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion: 70 Resp: 69806

Ion	Ratio	Lower	Upper
70	100		
42	43.9	52.6	79.0#
101	0.0	8.7	13.1#
130	2.1	15.8	23.8#

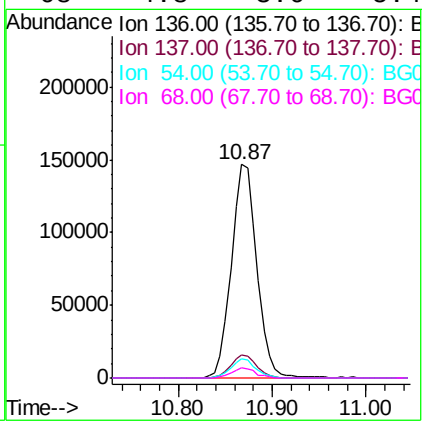


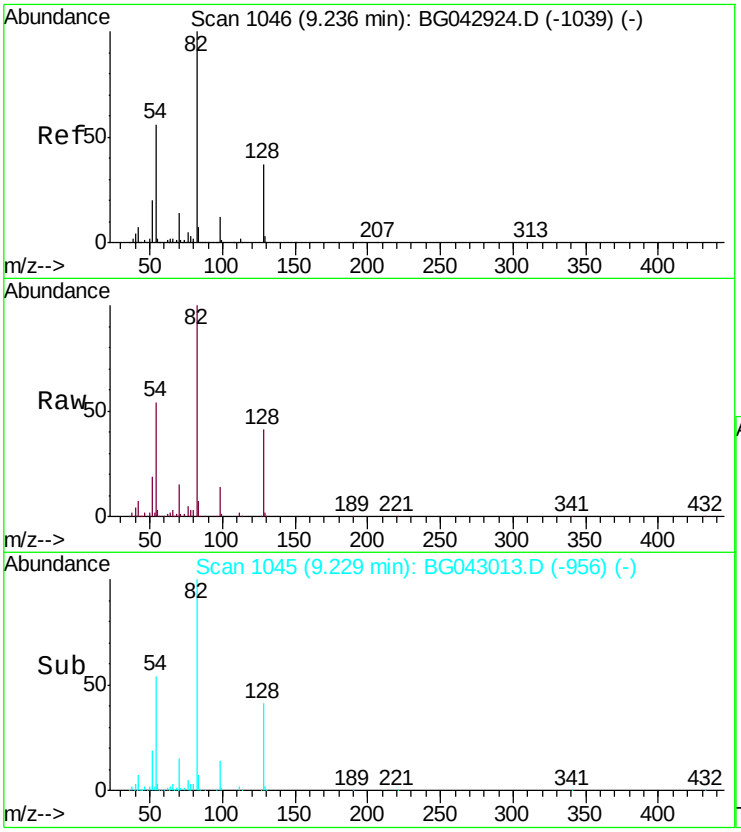


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:136 Resp: 275528

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.0	7.4	11.2
68	4.8	3.6	5.4



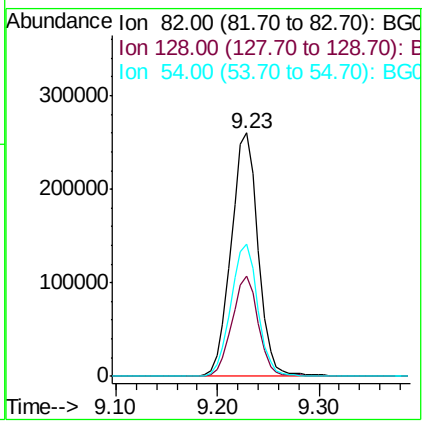


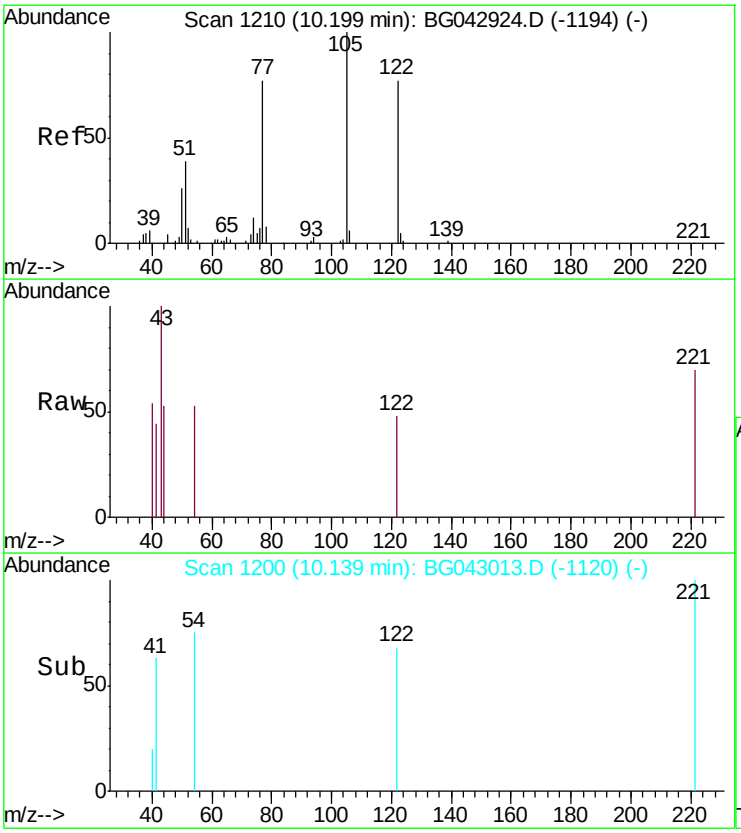
#23
Nitrobenzene-d5
Concen: 84.933 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion: 82 Resp: 481461

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.5	44.3
54	54.1	44.6	67.0

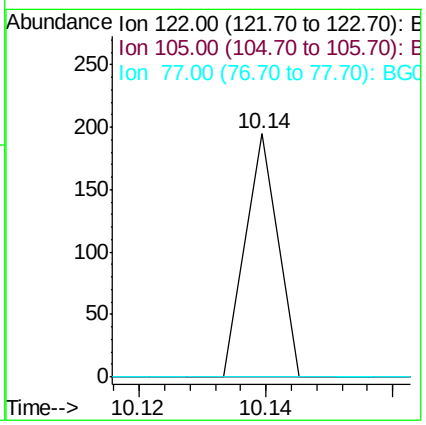


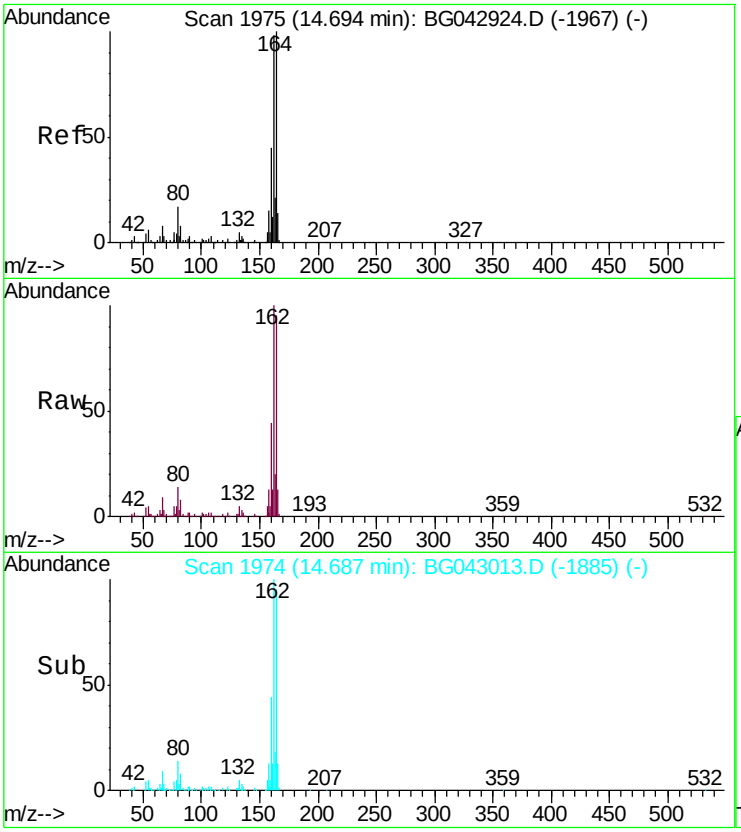


#32
Benzoic acid
Concen: 2.826 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.06 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:122 Resp: 69

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



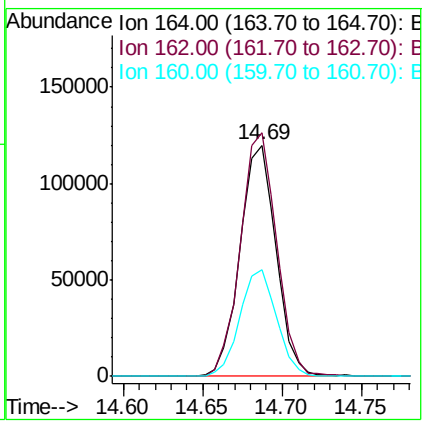


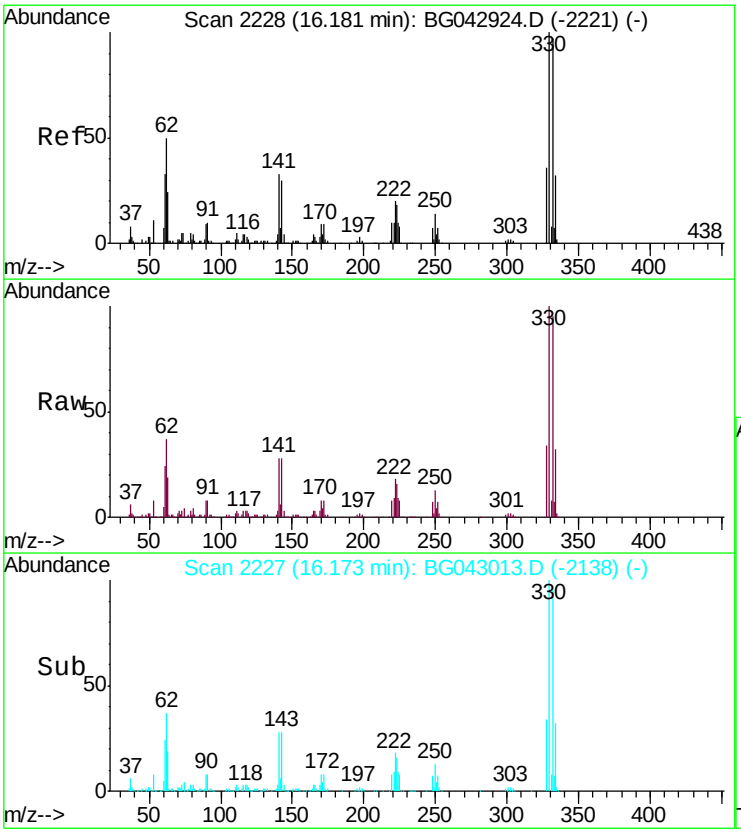
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:164 Resp: 189629

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.5	117.7
160	46.0	35.9	53.9

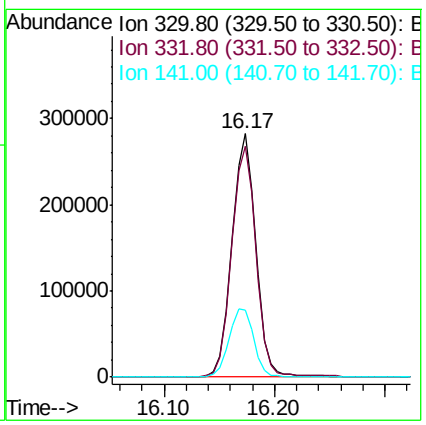


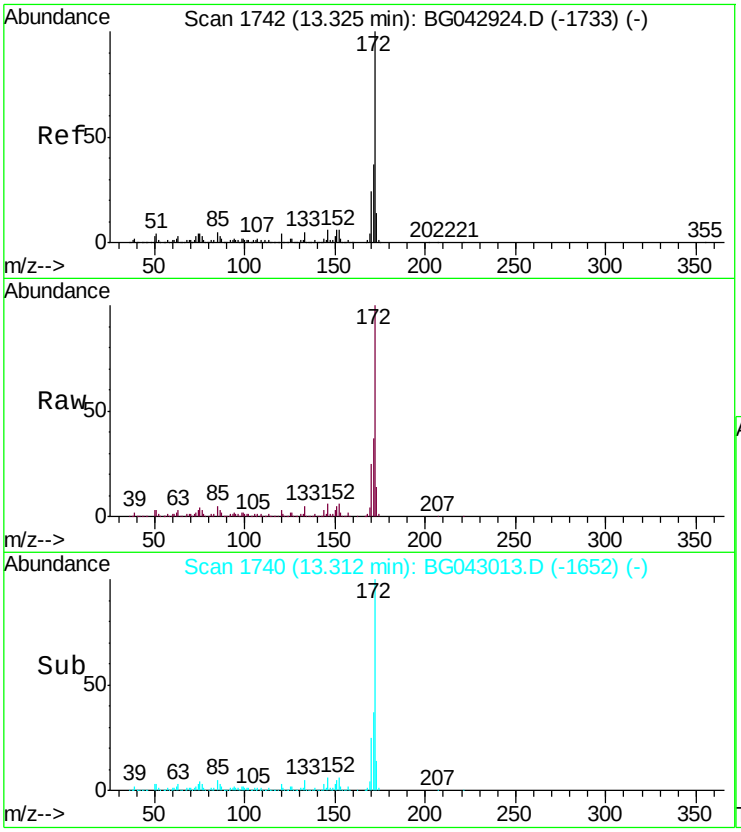


#42
2,4,6-Tribromophenol
Concen: 131.873 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:330 Resp: 430011

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	29.5	26.0	39.0



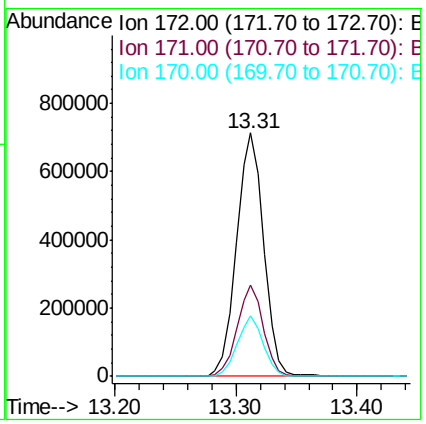


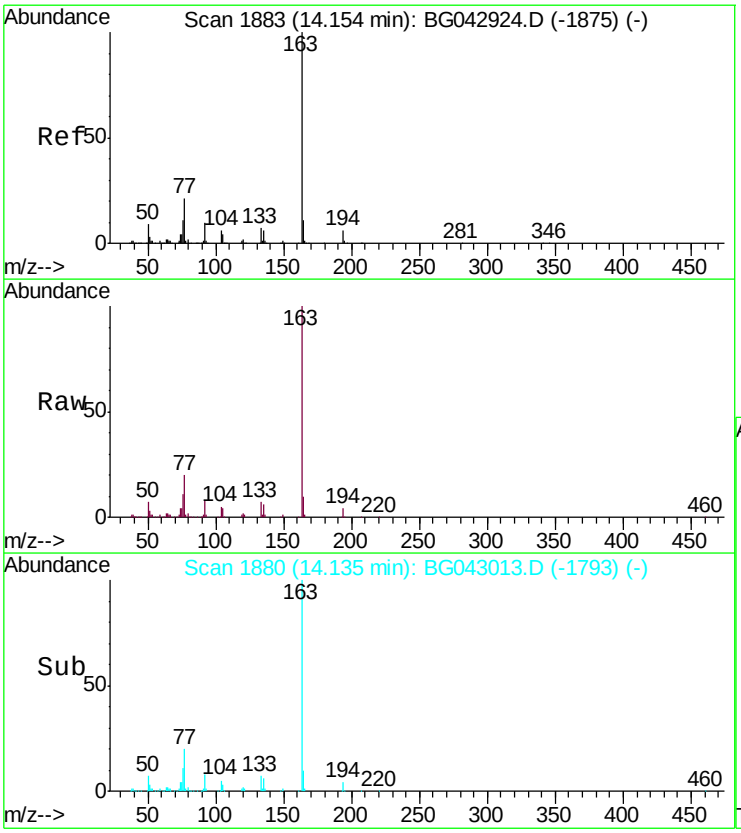
#45
2-Fluorobiphenyl
Concen: 85.498 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:172 Resp: 1118359

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.6	19.6	29.4

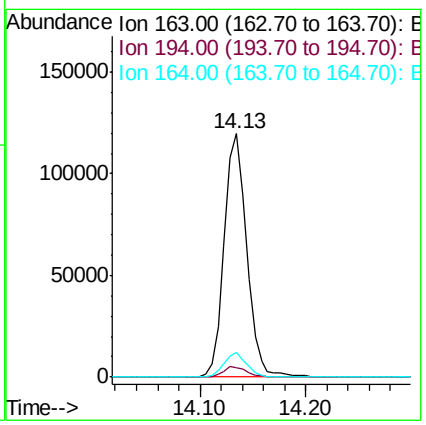


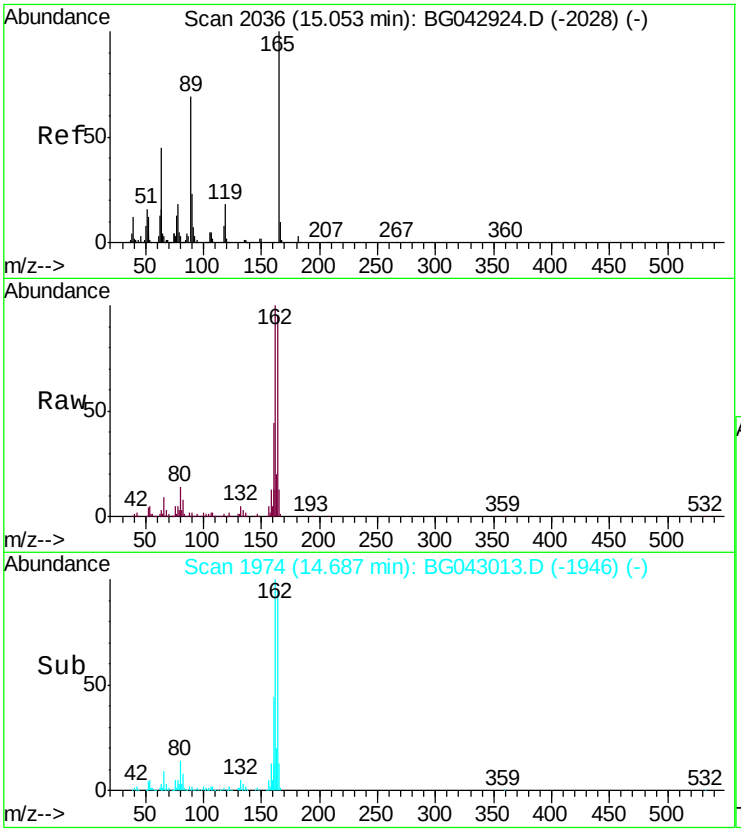


#50
Dimethylphthalate
Concen: 12.475 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:163 Resp: 177254

Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	10.0	8.6	12.8



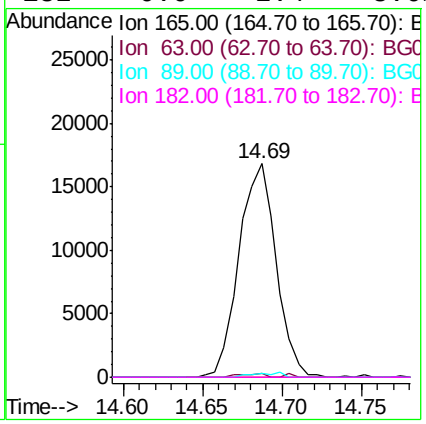


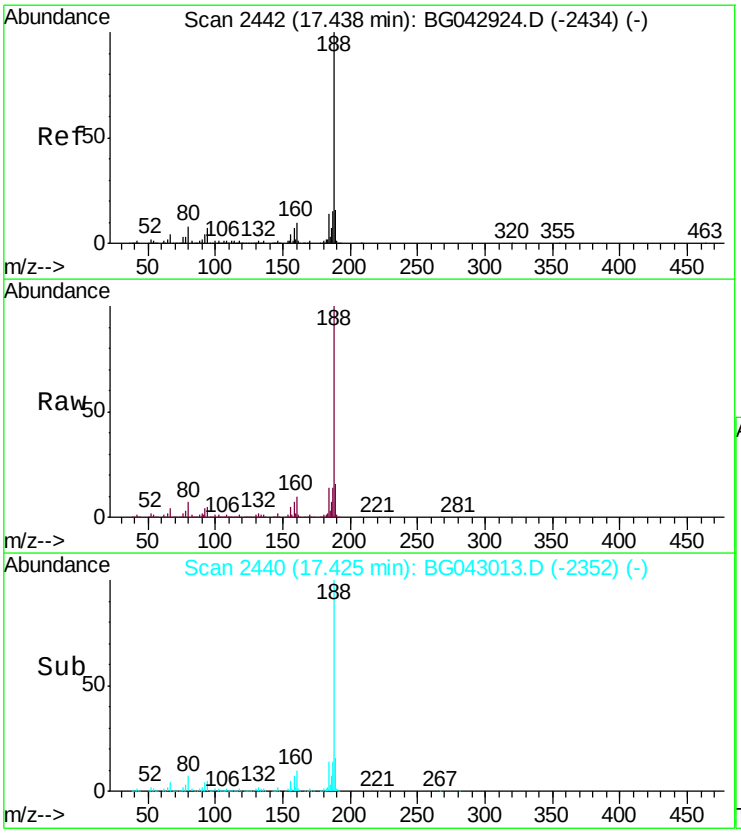
#57
2,4-Dinitrotoluene
Concen: 6.149 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:165 Resp: 27244

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.5	54.7#
89	1.9	55.5	83.3#
182	0.0	2.4	3.6#

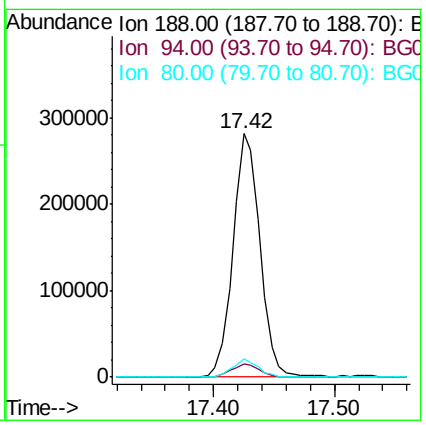


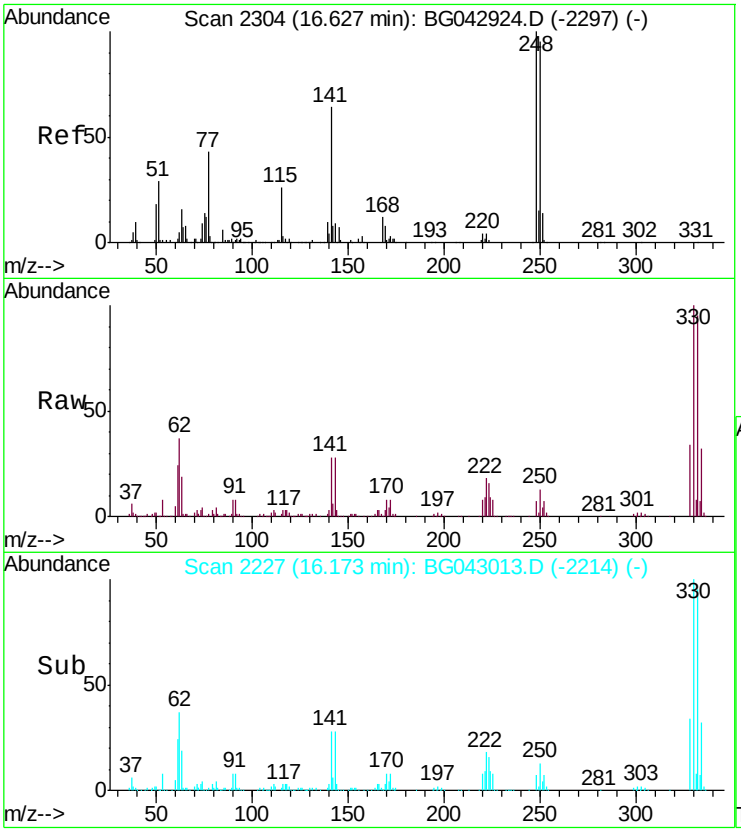


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:188 Resp: 437825

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	7.4	6.5	9.7



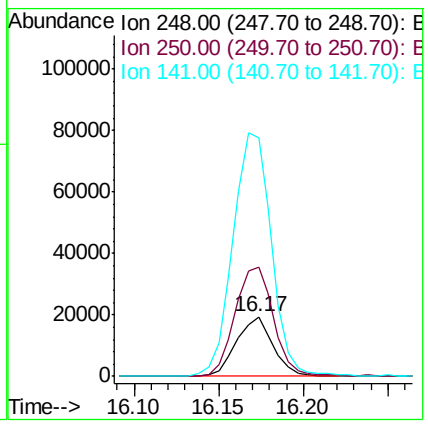


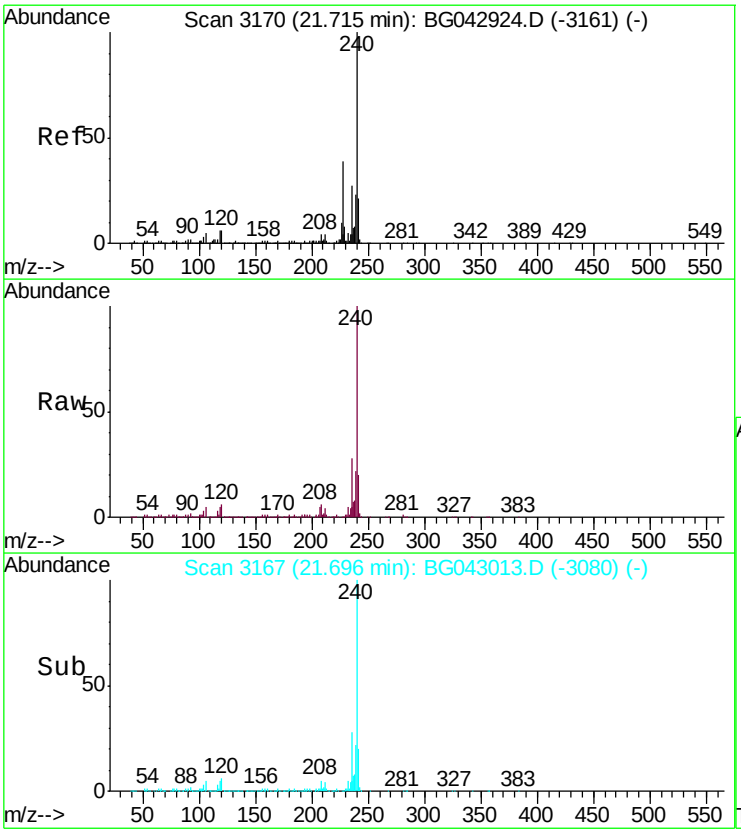
#67
4-Bromophenyl-phenylether
Concen: 5.354 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:248 Resp: 29420

Ion	Ratio	Lower	Upper
248	100		
250	182.5	75.8	113.8#
141	399.3	51.1	76.7#

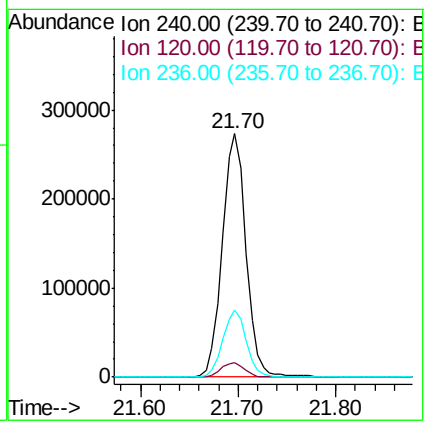


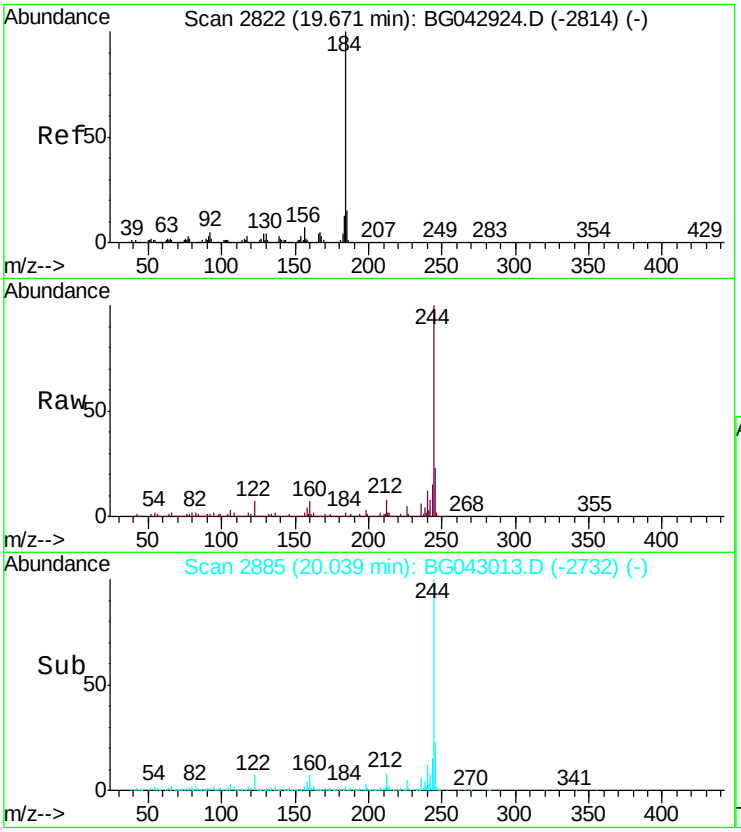


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:240 Resp: 458966

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	27.6	21.4	32.0



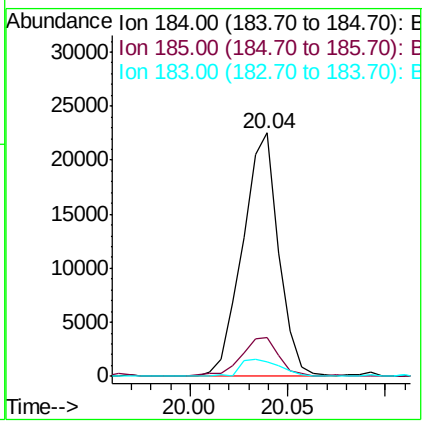


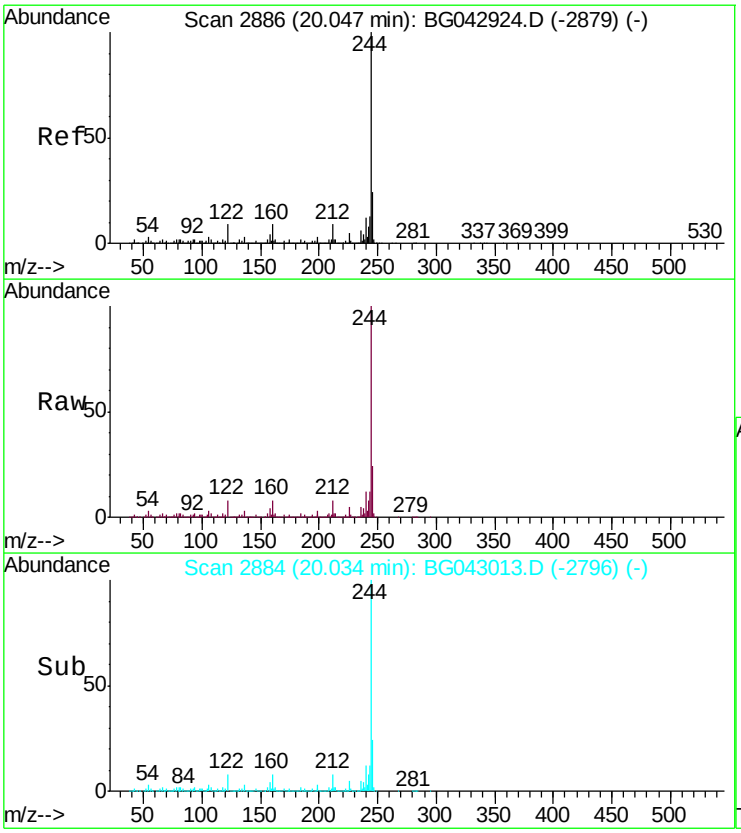
#77
Benzidine
Concen: 2.501 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:184 Resp: 28744

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	5.9	10.1	15.1#

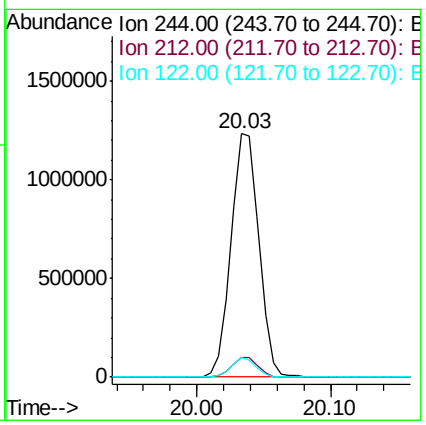


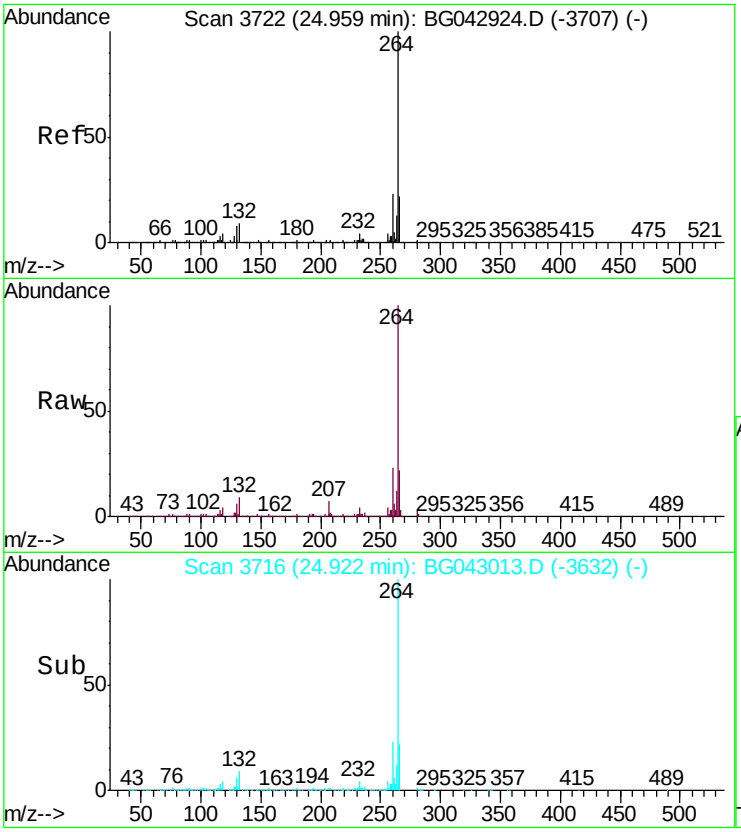


#79
Terphenyl-d14
Concen: 83.373 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:244 Resp: 1795751

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.0
122	7.9	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: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tgt Ion:264 Resp: 538118

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	17.7	26.5