Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042946.D
Acq On : 30 Sep 2019 17:01
Operator : JU
Sample : K5083-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 01 07:10:56 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	68700	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	254227	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	175349	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	421868	20.00	ng		0.00
76) Chrysene-d12	21.70	240	475521	20.00	ng		-0.01
87) Perylene-d12	24.92	264	546311	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	433931	112.72	ng		0.00
7) Phenol-d6	7.24	99	633426	114.26	ng		0.00
23) Nitrobenzene-d5	9.23	82	401011	76.67	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	338488	112.26	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	943290	77.99	ng		0.00
79) Terphenyl-d14	20.04	244	1700192	76.19	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	18921	3.720	ng		96
19) n-Nitroso-di-n-propylamine	9.23	70	56040	15.395	ng	#	75
32) Benzoic acid	10.37	122	60	2.824	ng	#	1
50) Dimethylphthalate	14.14	163	104567	7.959	ng		99
57) 2,4-Dinitrotoluene	14.69	165	24073	5.875	ng	#	26
67) 4-Bromophenyl-phenylether	16.17	248	23510	4.440	ng	#	1
77) Benzidine	20.04	184	29131	2.447	ng	#	92

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

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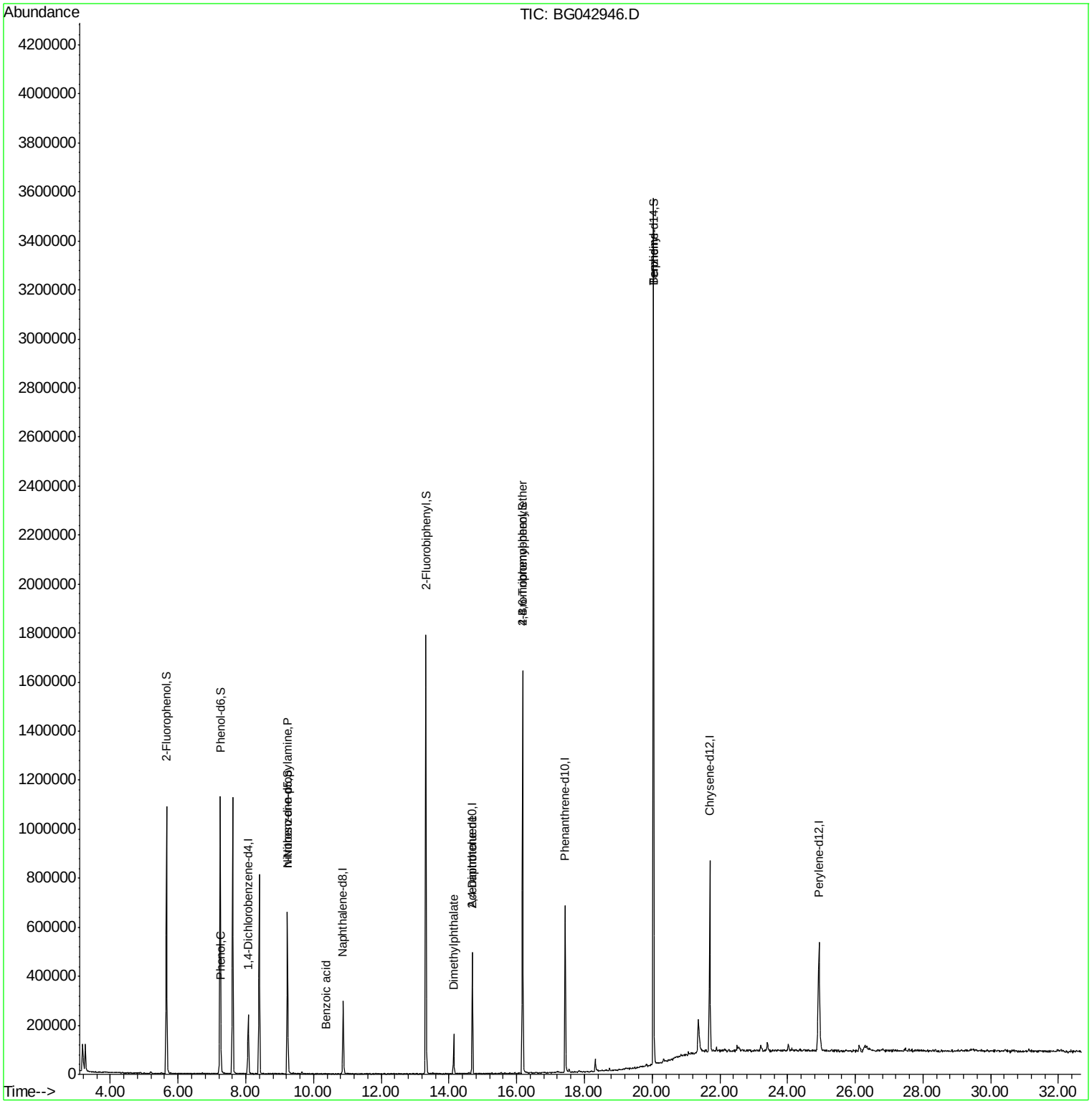
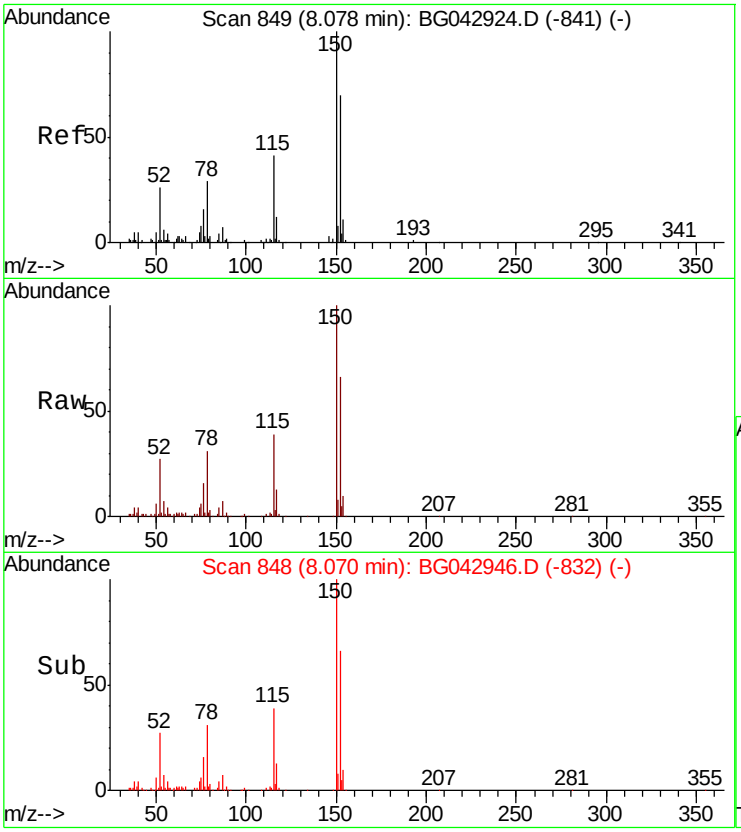


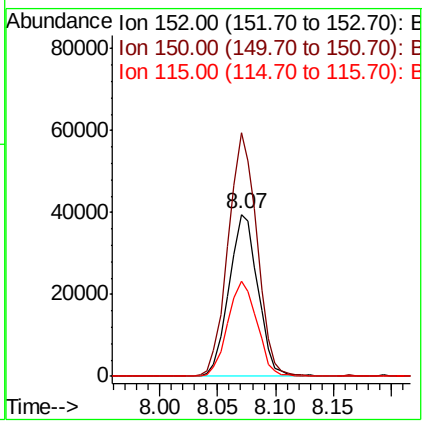


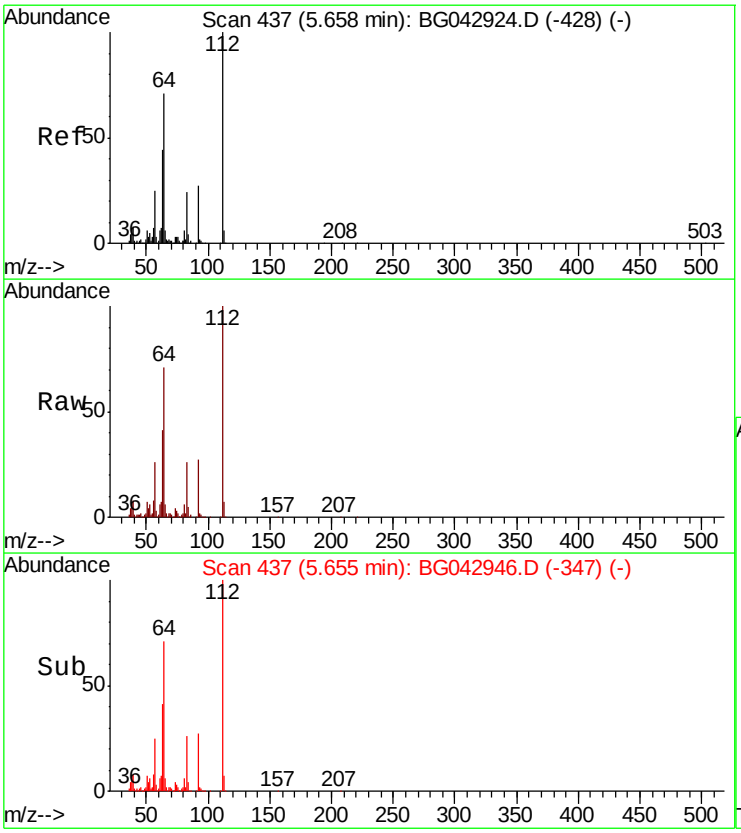
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68700

Ion	Ratio	Lower	Upper
152	100		
150	150.6	115.0	172.4
115	58.5	47.0	70.6

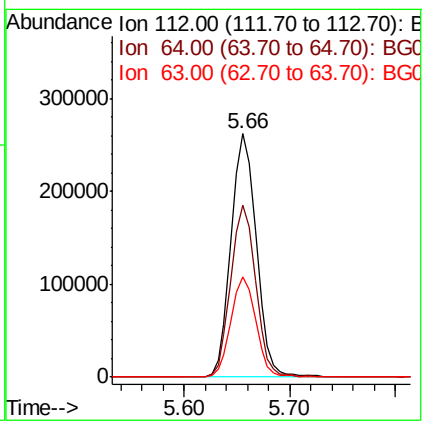


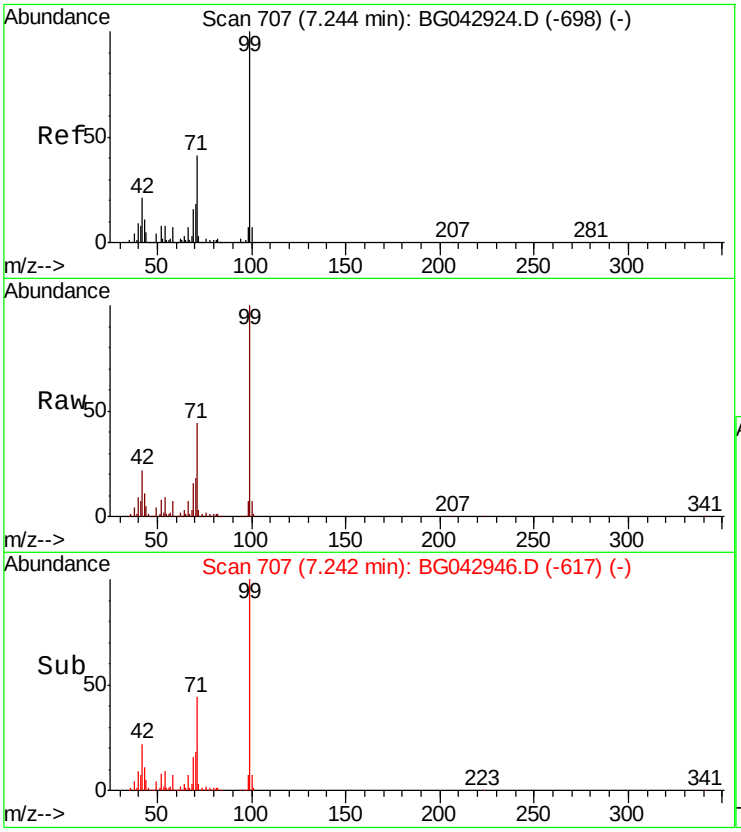


#5
2-Fluorophenol
Concen: 112.722 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:112 Resp: 433931

Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.6	84.8
63	41.2	35.1	52.7



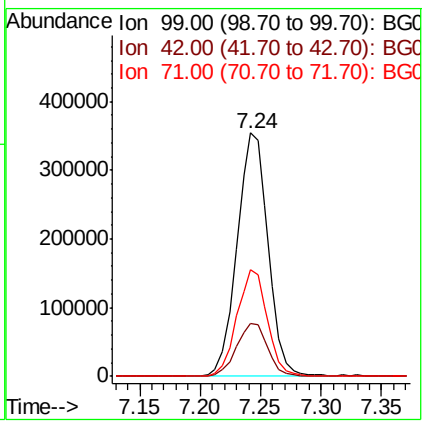


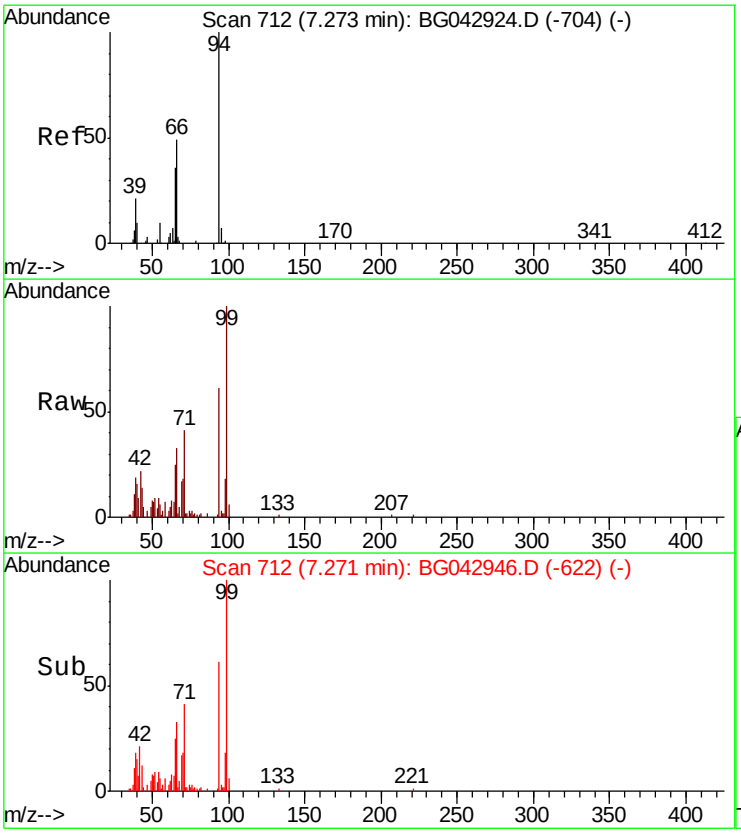
#7
Phenol-d6
Concen: 114.263 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 633426

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.2	25.8
71	43.8	33.1	49.7

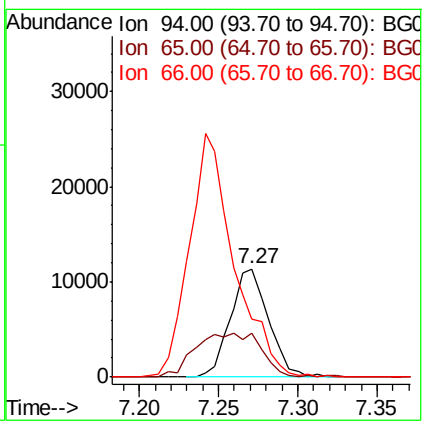


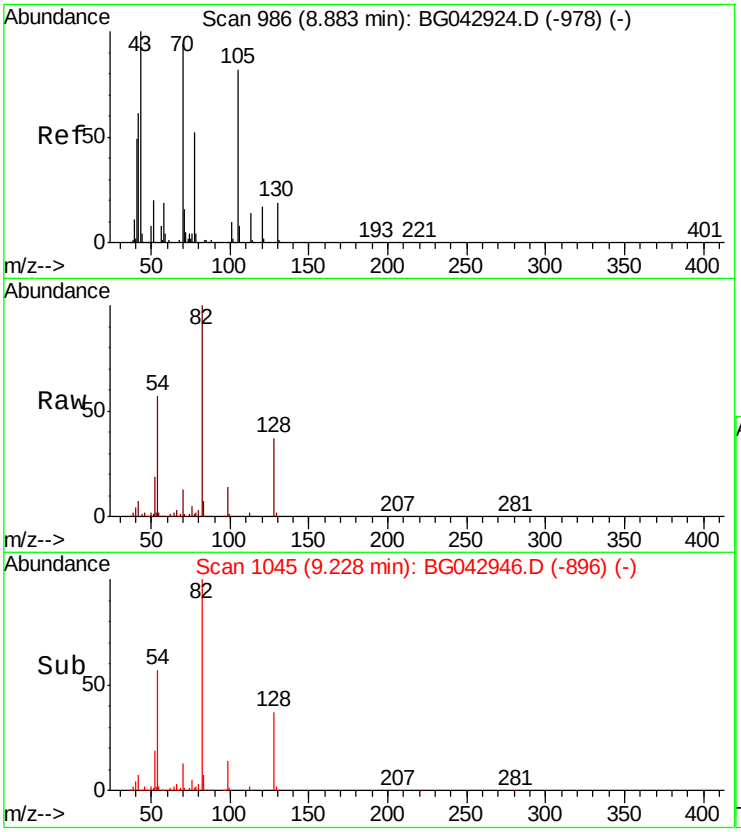


#10
Phenol
Concen: 3.720 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.00 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion: 94 Resp: 18921

Ion	Ratio	Lower	Upper
94	100		
65	40.8	16.6	56.6
66	54.2	32.4	72.4



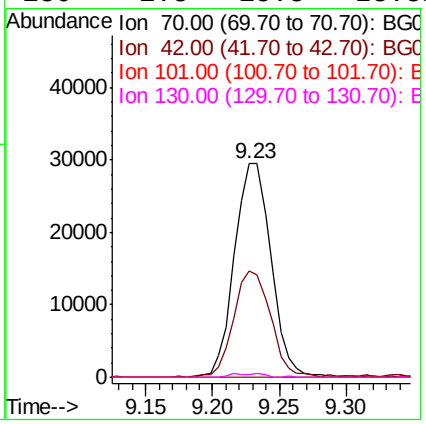


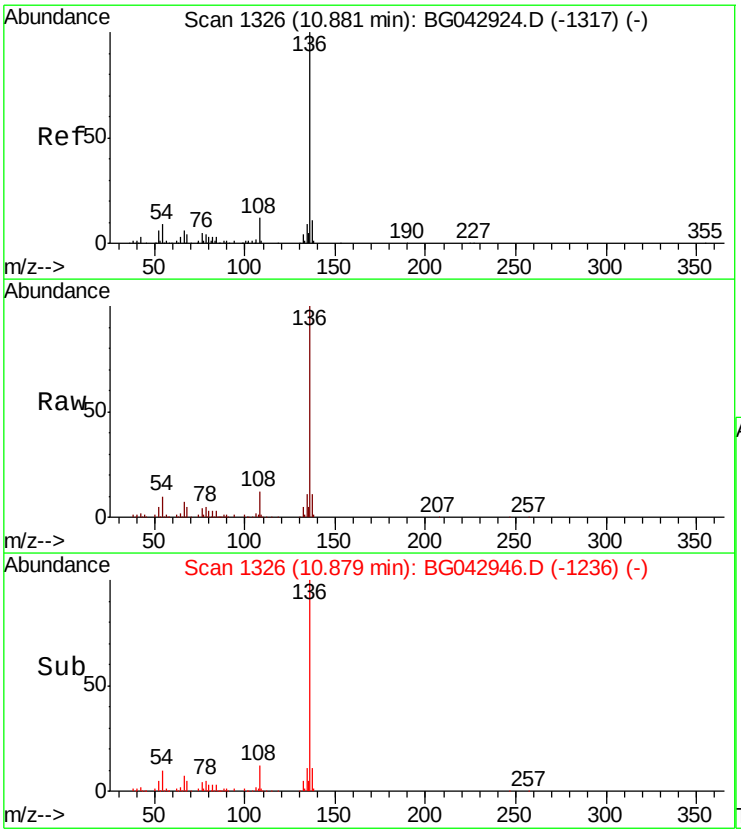
#19
n-Nitroso-di-n-propylamine
Concen: 15.395 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 56040

Ion	Ratio	Lower	Upper
70	100		
42	49.9	52.6	79.0#
101	0.0	8.7	13.1#
130	1.3	15.8	23.8#

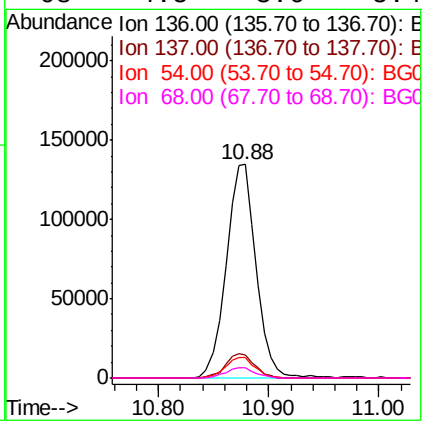


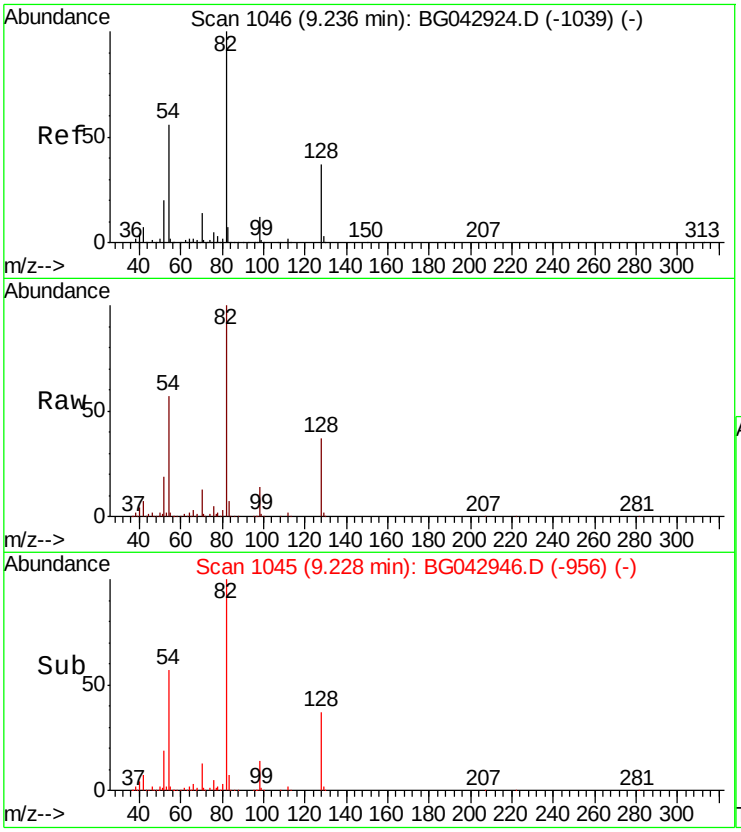


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:136 Resp: 254227

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.7	7.4	11.2
68	4.5	3.6	5.4

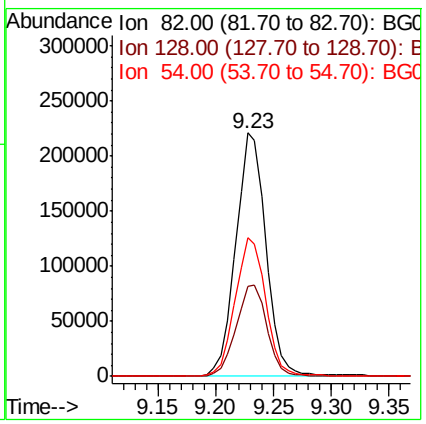




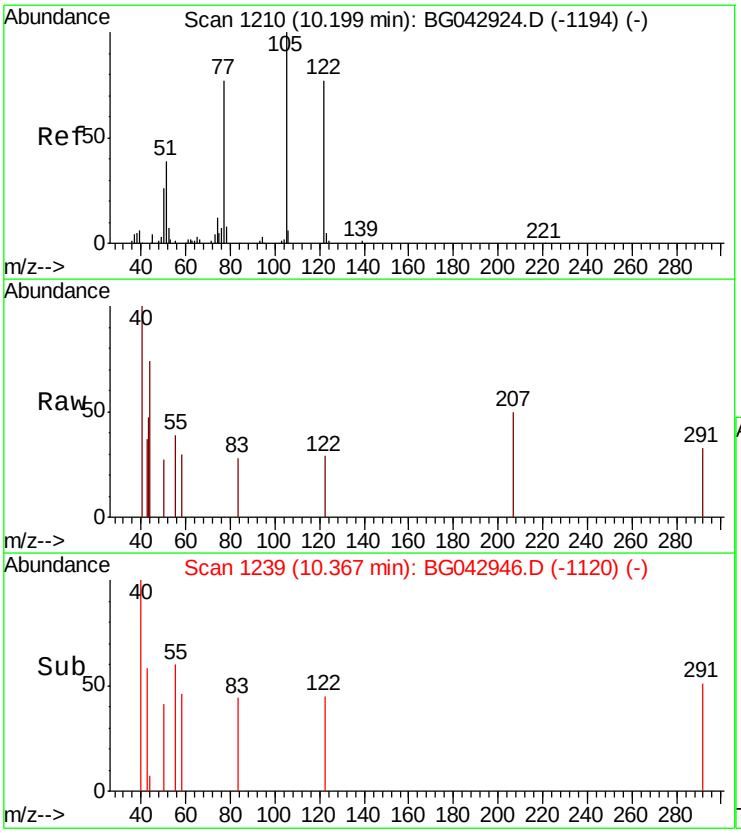
#23
Nitrobenzene-d5
Concen: 76.669 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion: 82 Resp: 401011

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.5	44.3
54	56.9	44.6	67.0



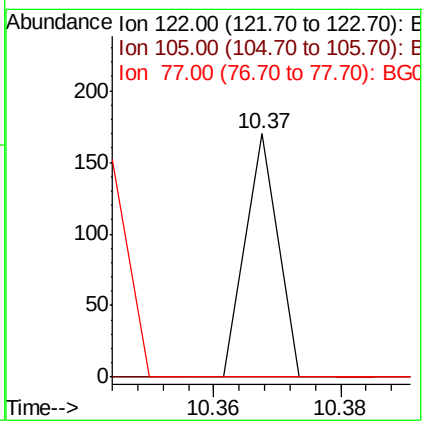
Instrument :
BNA_G
ClientSampleId :

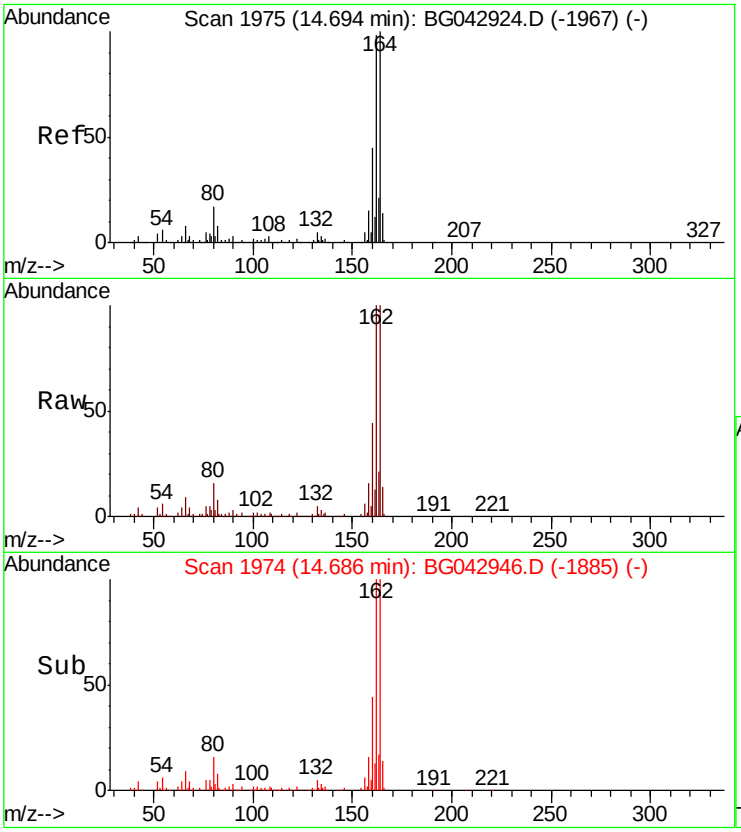


#32
Benzoic acid
Concen: 2.824 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.17 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:122 Resp: 60

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



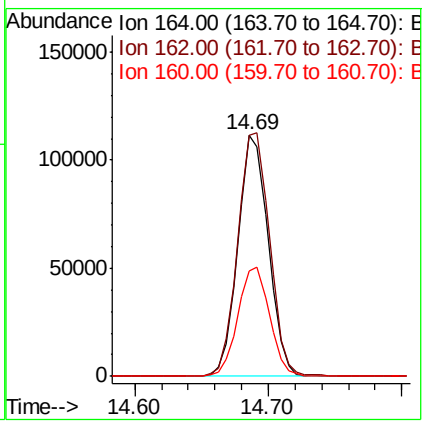


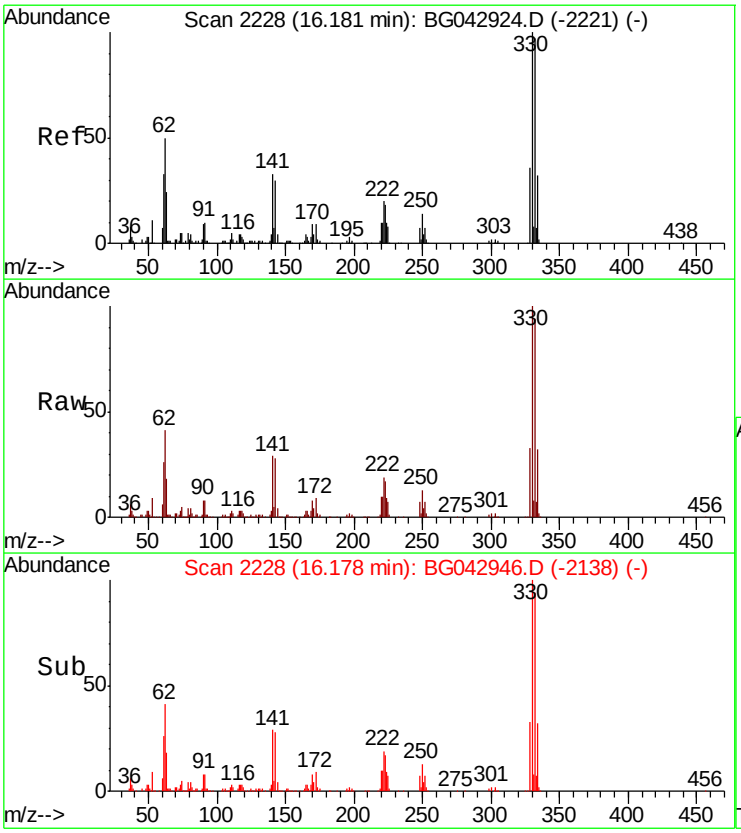
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175349

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.5	117.7
160	43.8	35.9	53.9

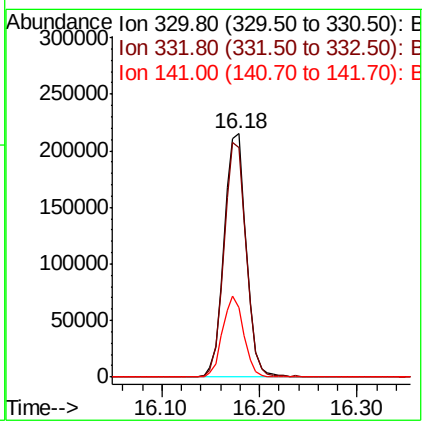


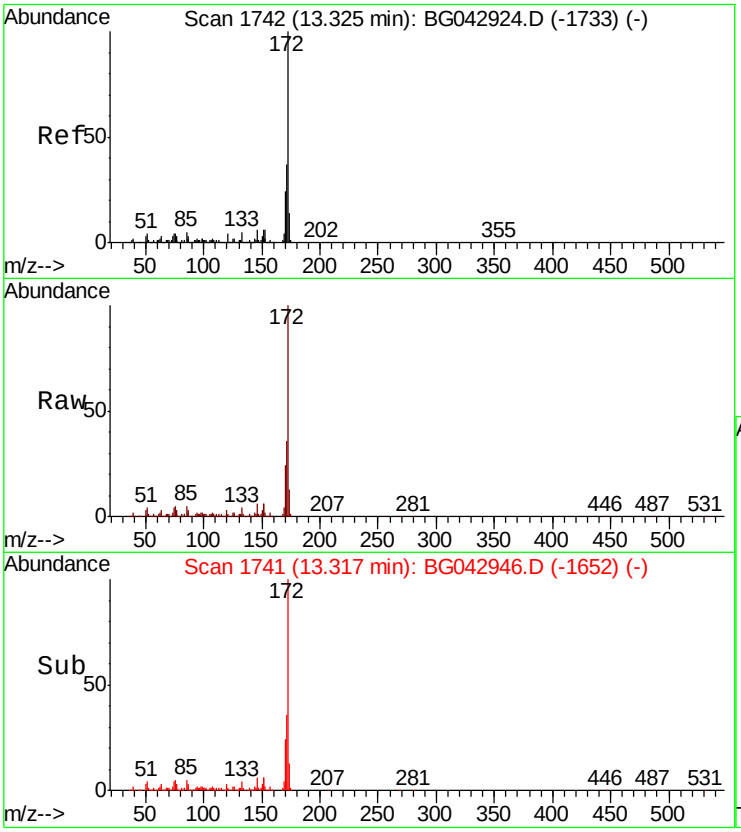


#42
2,4,6-Tribromophenol
Concen: 112.259 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:330 Resp: 338488

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	31.9	26.0	39.0



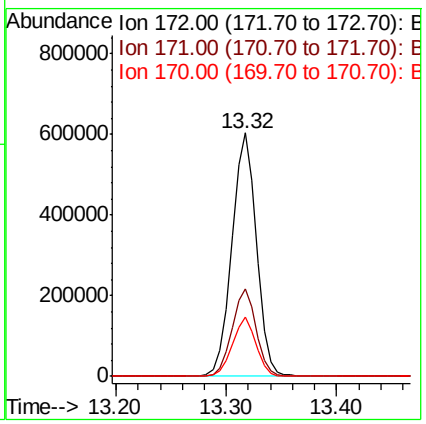


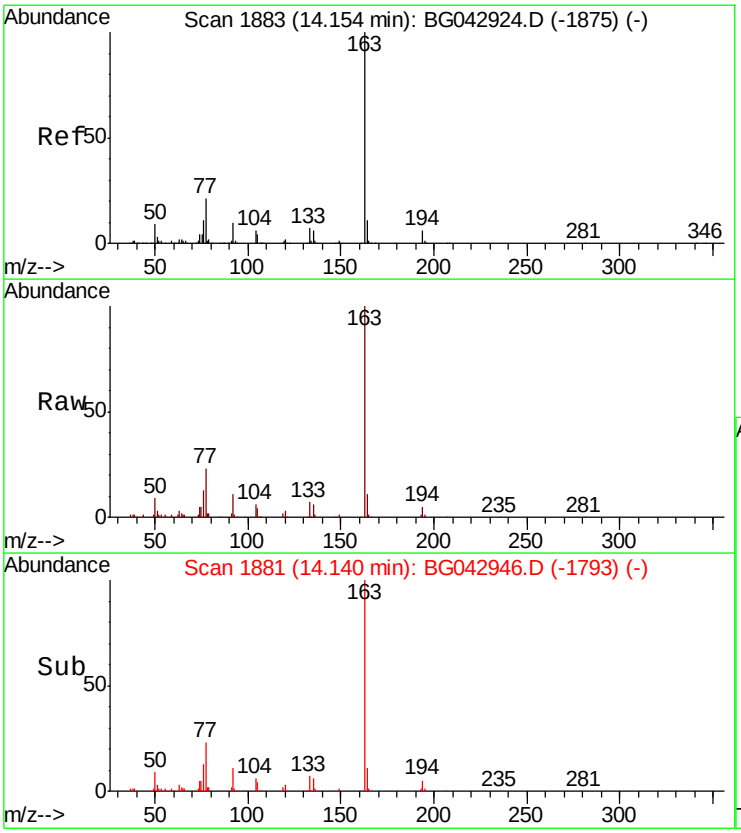
#45
2-Fluorobiphenyl
Concen: 77.987 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 943290

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.2	19.6	29.4

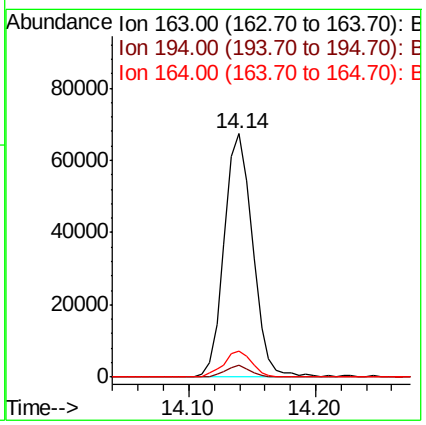


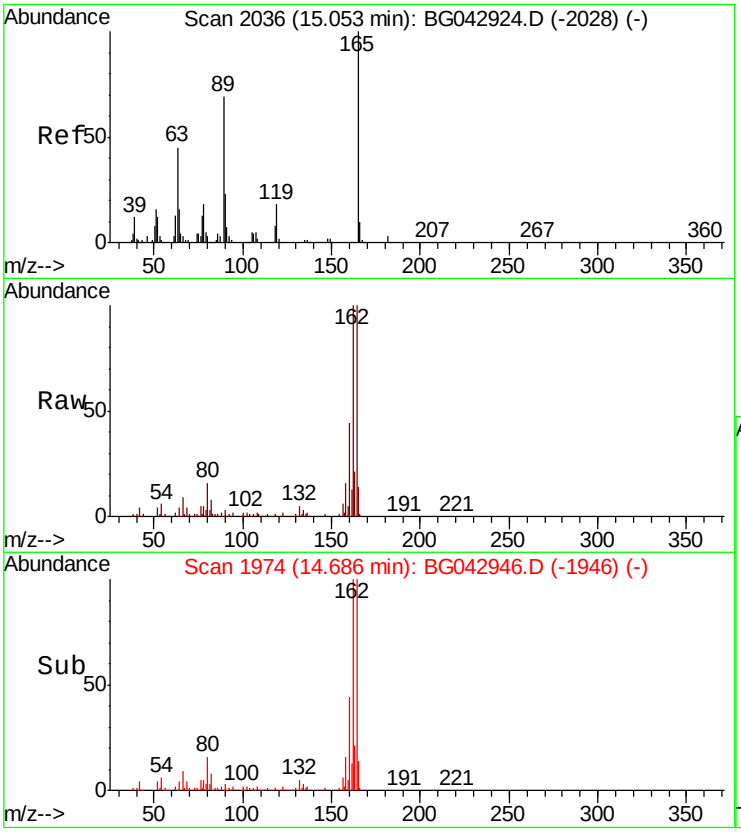


#50
Dimethylphthalate
Concen: 7.959 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:163 Resp: 104567

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.4	6.6
164	10.9	8.6	12.8



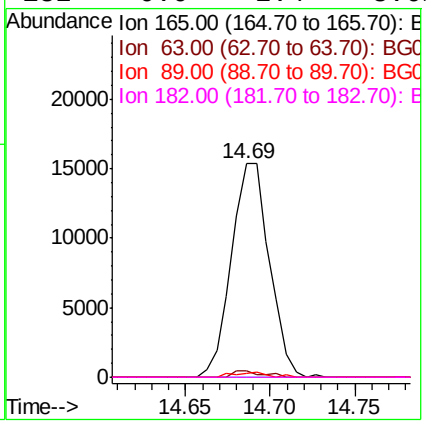


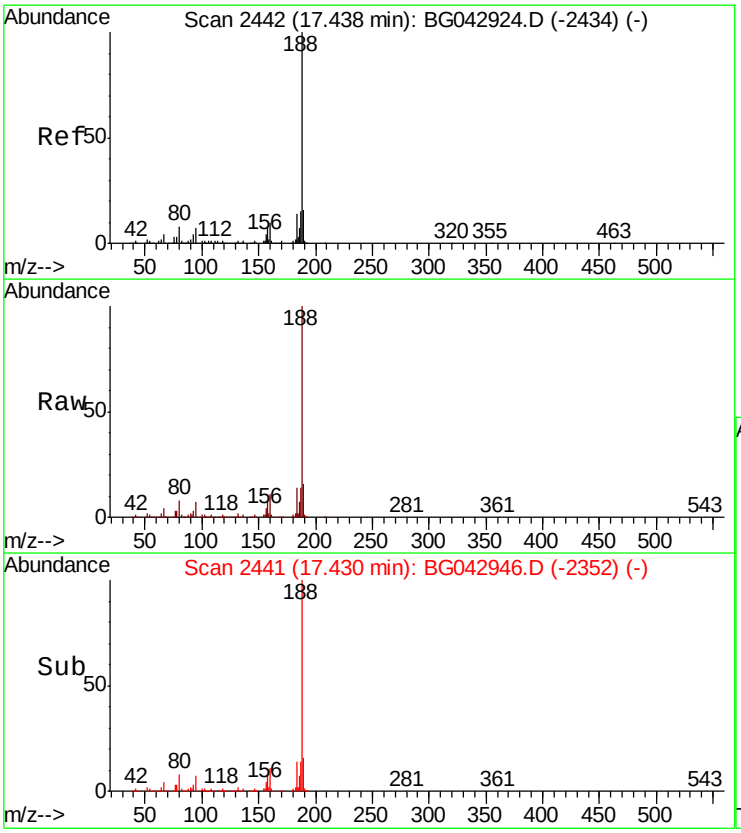
#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24073

Ion	Ratio	Lower	Upper
165	100		
63	2.9	36.5	54.7#
89	1.9	55.5	83.3#
182	0.0	2.4	3.6#

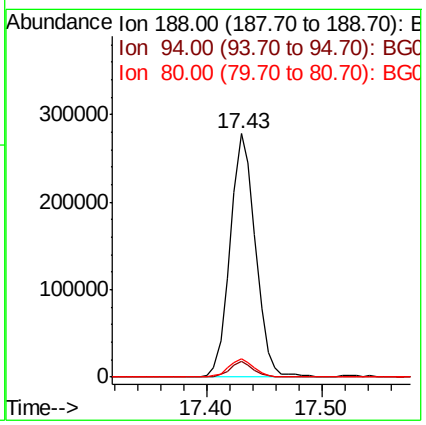


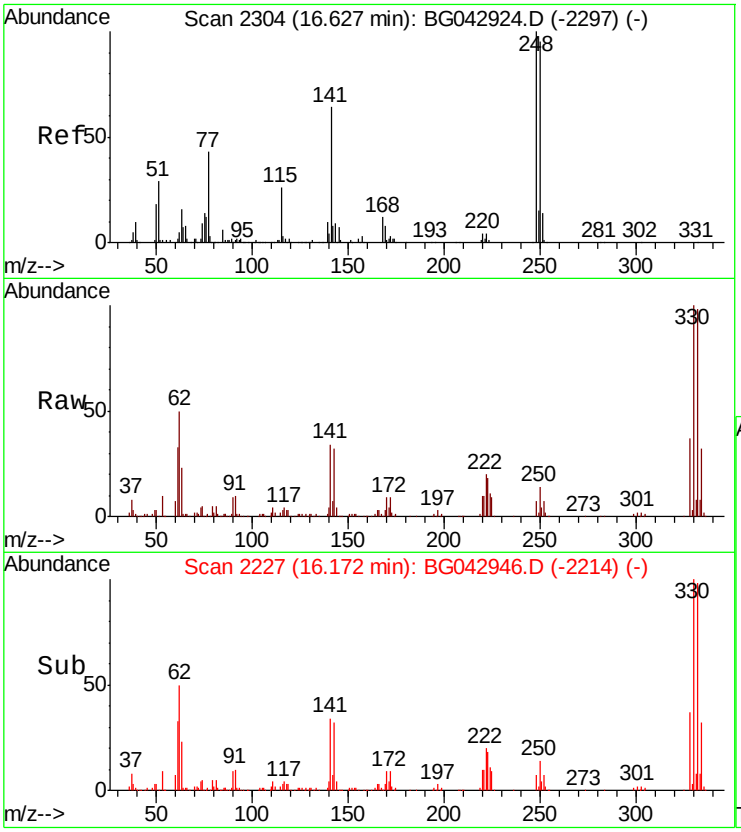


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:188 Resp: 421868

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.7	6.5	9.7



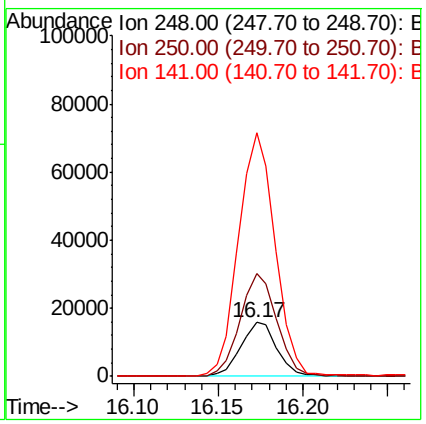


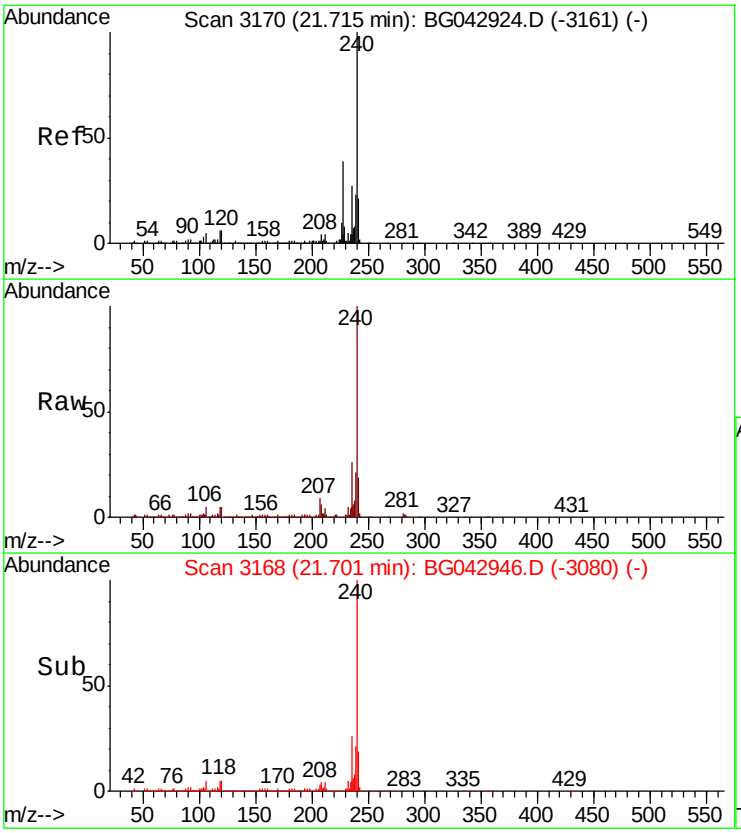
#67
4-Bromophenyl-phenylether
Concen: 4.440 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23510

Ion	Ratio	Lower	Upper
248	100		
250	190.6	75.8	113.8#
141	452.6	51.1	76.7#

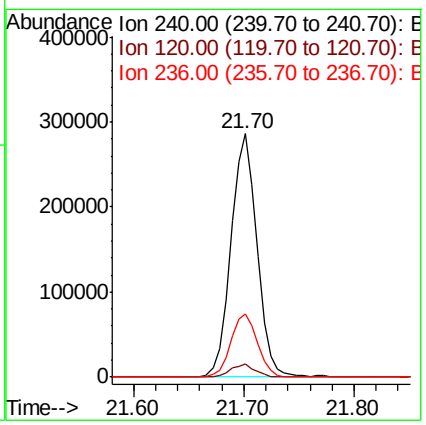


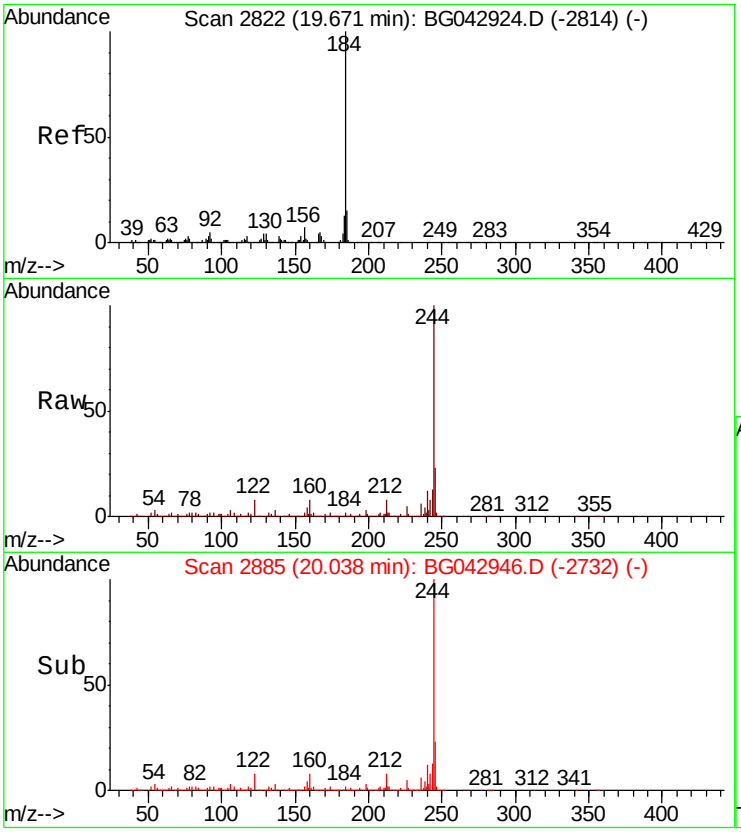


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:240 Resp: 475521

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.8	7.2
236	26.1	21.4	32.0



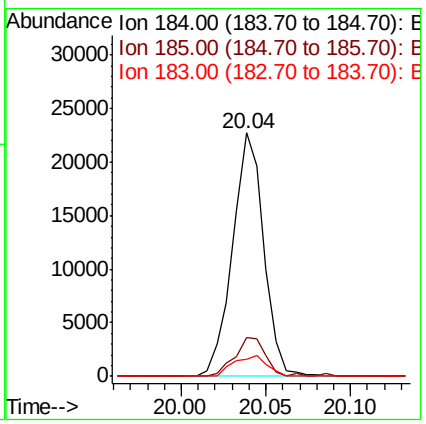


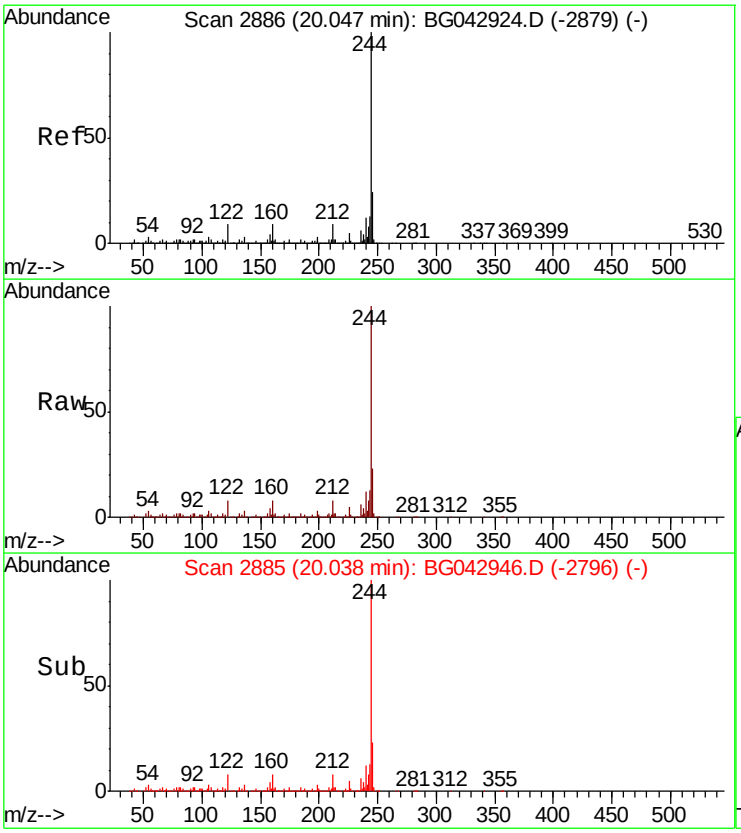
#77
Benzidine
Concen: 2.447 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29131

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.8
183	7.1	10.1	15.1#

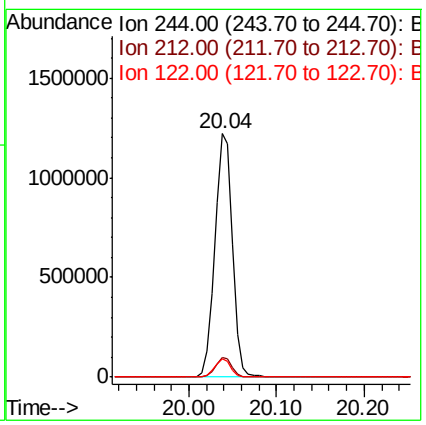


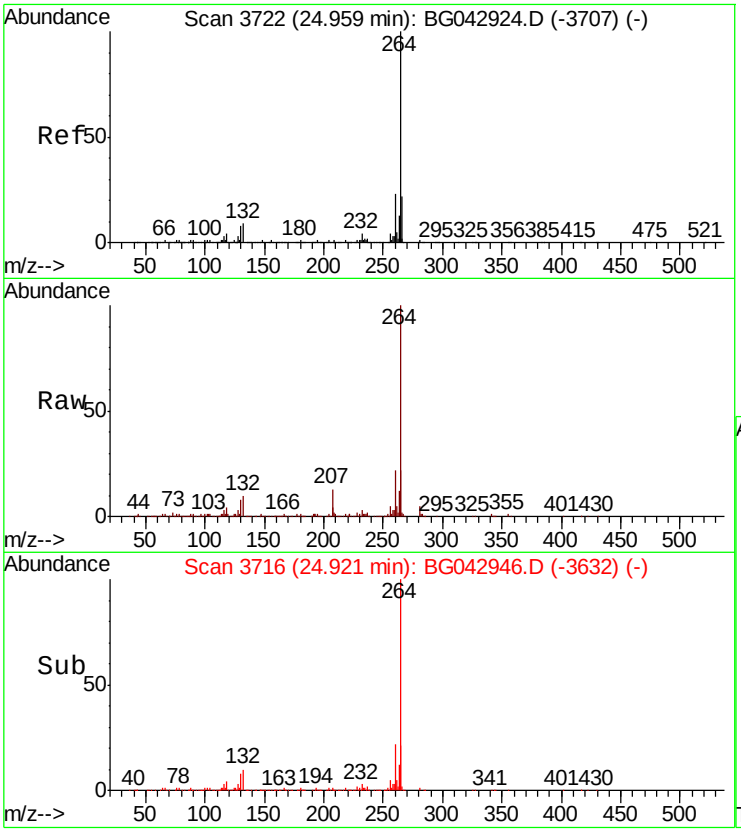


#79
Terphenyl-d14
Concen: 76.188 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042946.D
Acq: 30 Sep 2019 17:01

Tgt Ion:244 Resp: 1700192

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.0
122	7.6	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: BG042946.D
Acq: 30 Sep 2019 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 546311

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.7	28.1
265	21.5	17.7	26.5