Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042854.D
Acq On : 16 Sep 2019 18:33
Operator : HP/JU
Sample : K4859-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 17 01:20:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103786	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	392107	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	271420	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	596846	20.00	ng		0.00
76) Chrysene-d12	21.76	240	589123	20.00	ng		0.00
87) Perylene-d12	25.03	264	639814	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	396254	66.38	ng		0.00
7) Phenol-d6	7.27	99	372928	43.52	ng		0.00
23) Nitrobenzene-d5	9.28	82	804190	106.78	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	529014	146.50	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1659029	96.76	ng		0.00
79) Terphenyl-d14	20.09	244	2515135	94.62	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.30	94	22265	2.534	ng		96
19) n-Nitroso-di-n-propylamine	9.28	70	111677	17.688	ng	#	65
32) Benzoic acid	10.13	122	119	5.988	ng	#	1
50) Dimethylphthalate	14.18	163	63064	3.102	ng		96
51) 2,6-Dinitrotoluene	14.73	165	37320	8.945	ng	#	20
57) 2,4-Dinitrotoluene	14.73	165	37320	6.711	ng	#	24
67) 4-Bromophenyl-phenylether	16.22	248	36754	5.088	ng	#	1
77) Benzidine	20.09	184	45978	2.793	ng	#	89

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

Quantitation Report (Not Reviewed)

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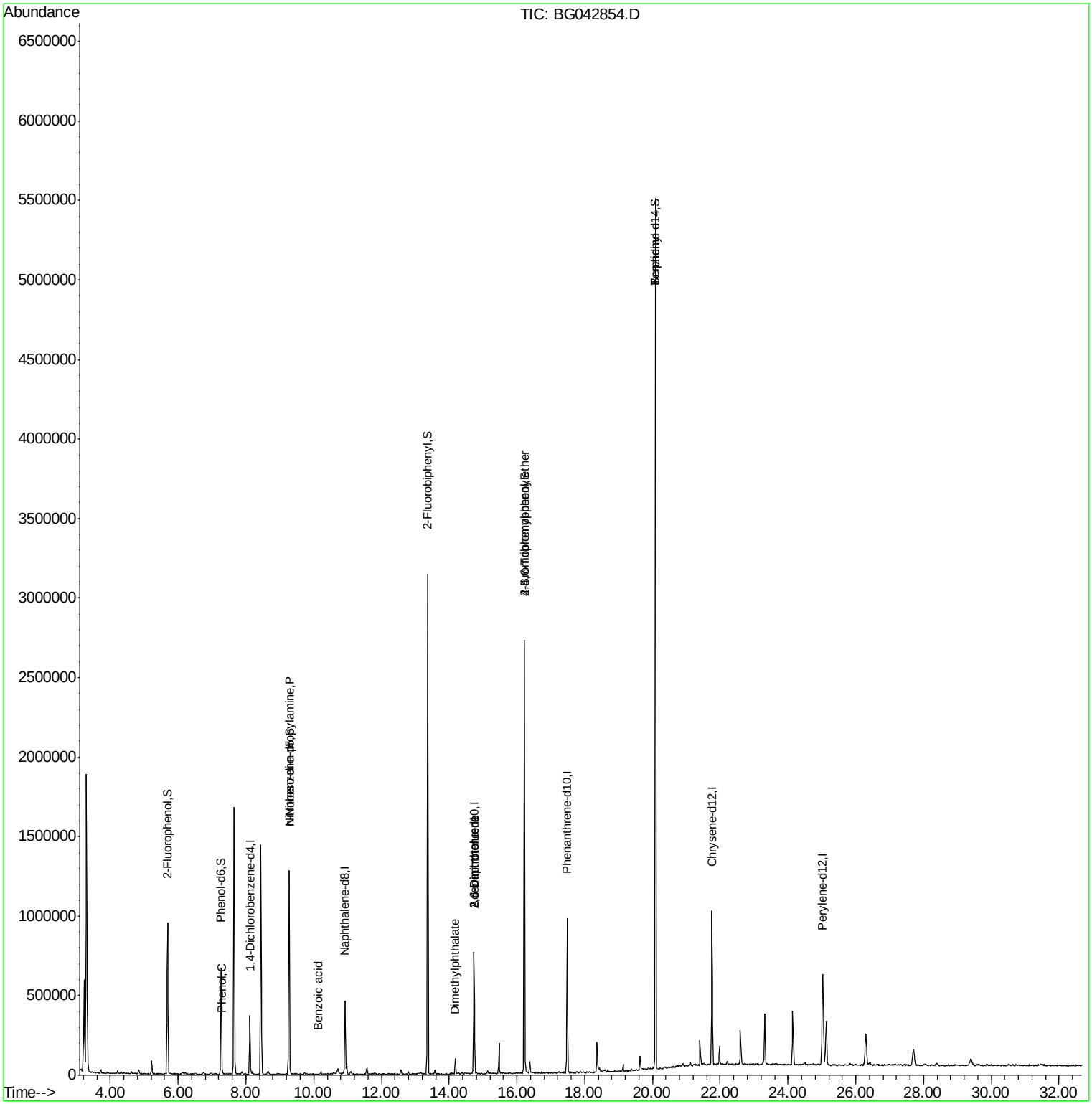
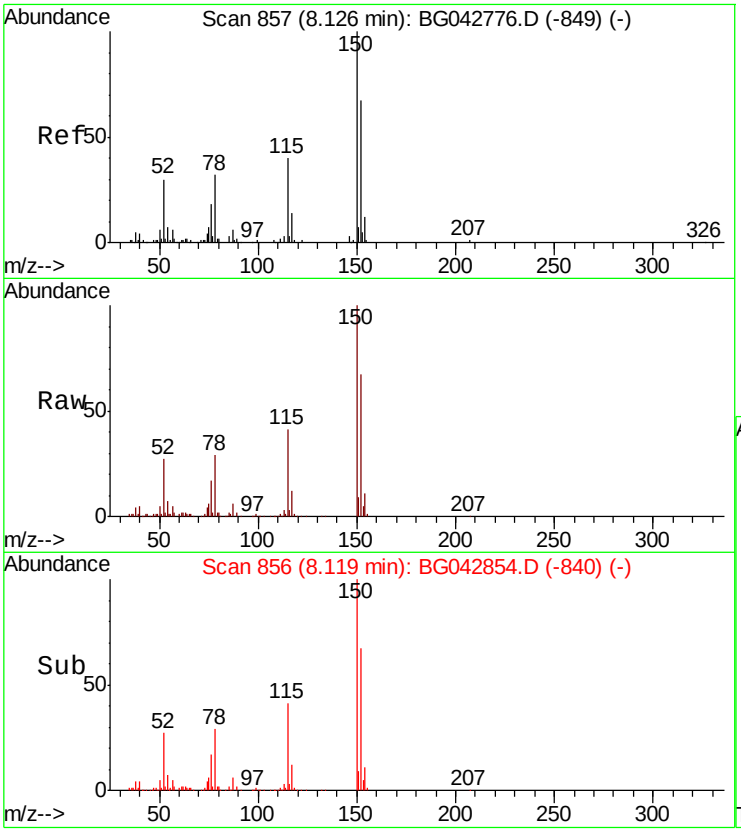


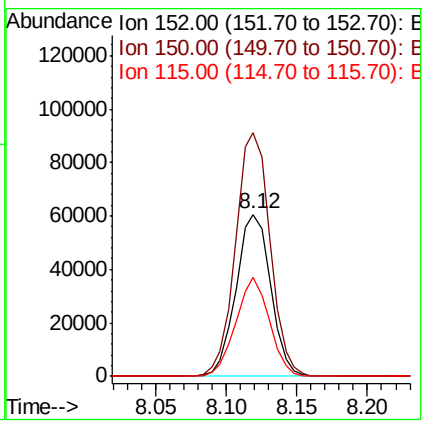


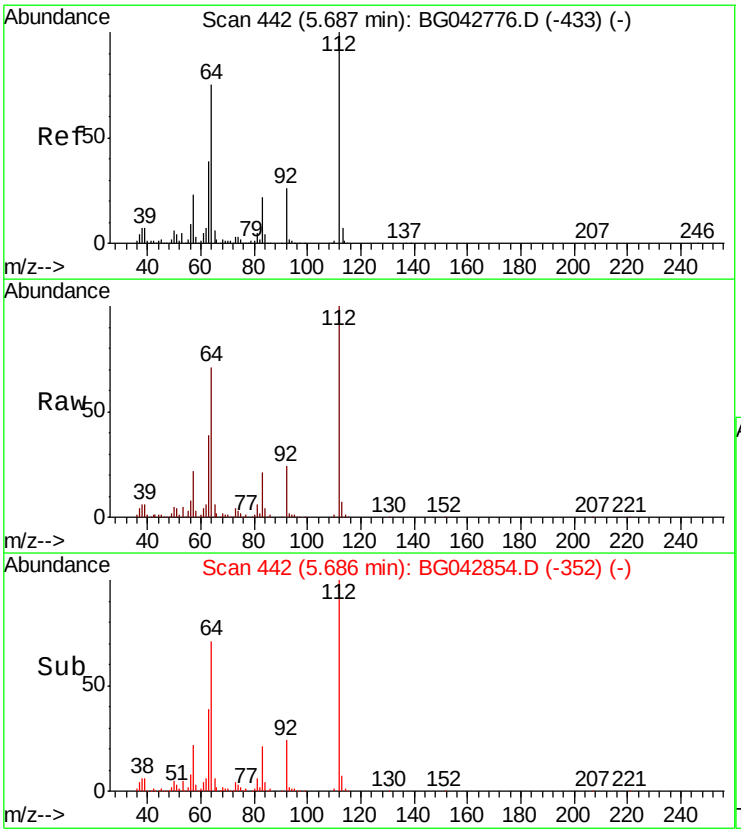
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 103786

Ion	Ratio	Lower	Upper
152	100		
150	150.2	118.9	178.3
115	61.4	47.4	71.2

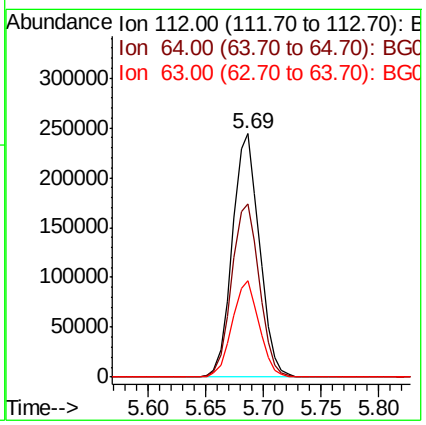


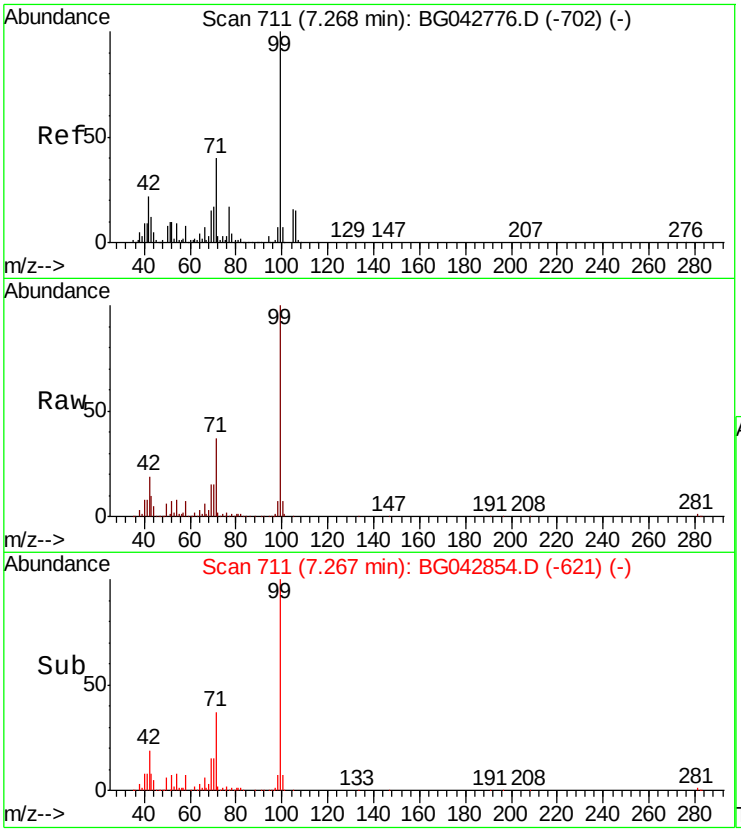


#5
2-Fluorophenol
Concen: 66.378 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:112 Resp: 396254

Ion	Ratio	Lower	Upper
112	100		
64	71.3	60.2	90.2
63	39.5	31.2	46.8



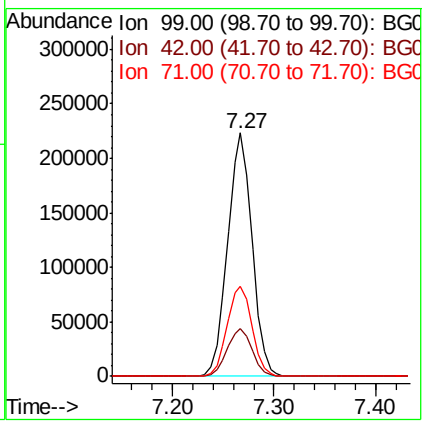


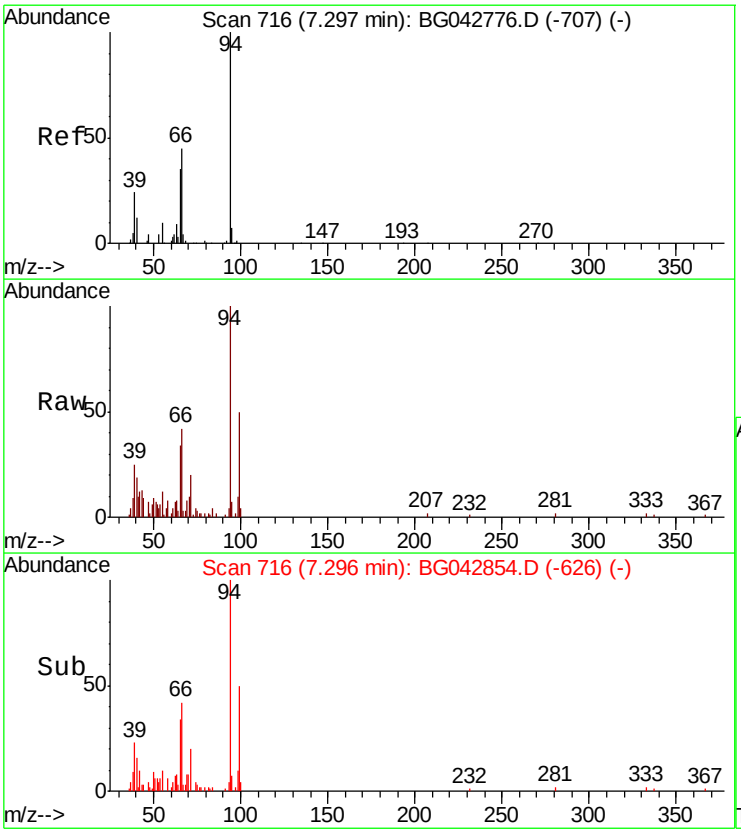
#7
Phenol-d6
Concen: 43.523 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 372928

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.5	26.3
71	37.1	32.0	48.0

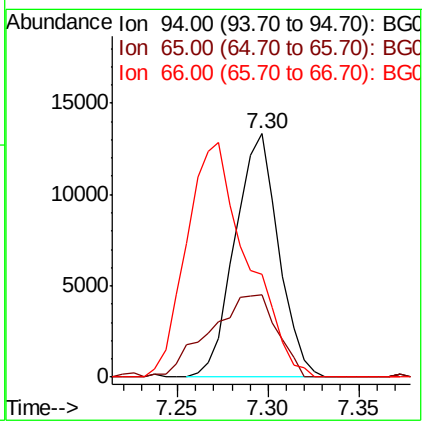


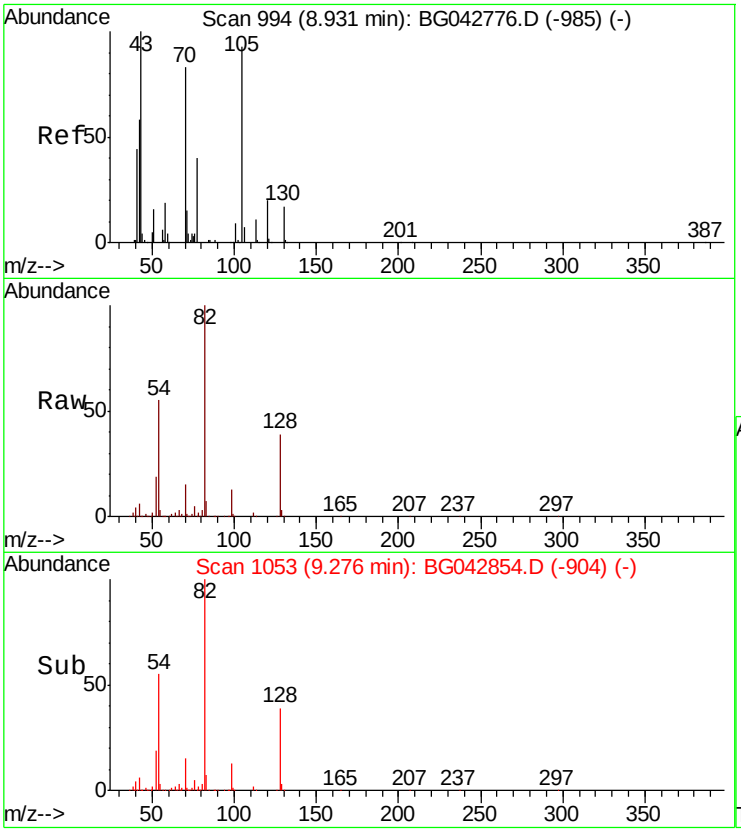


#10
Phenol
Concen: 2.534 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion: 94 Resp: 22265

Ion	Ratio	Lower	Upper
94	100		
65	33.6	15.0	55.0
66	42.2	26.1	66.1



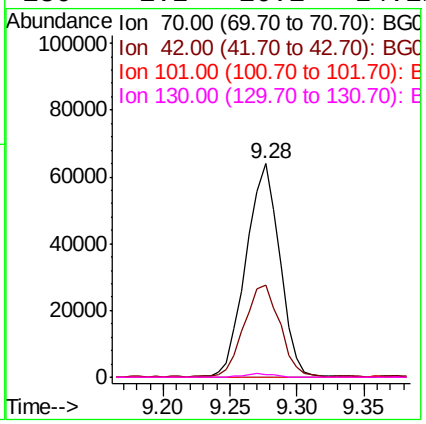


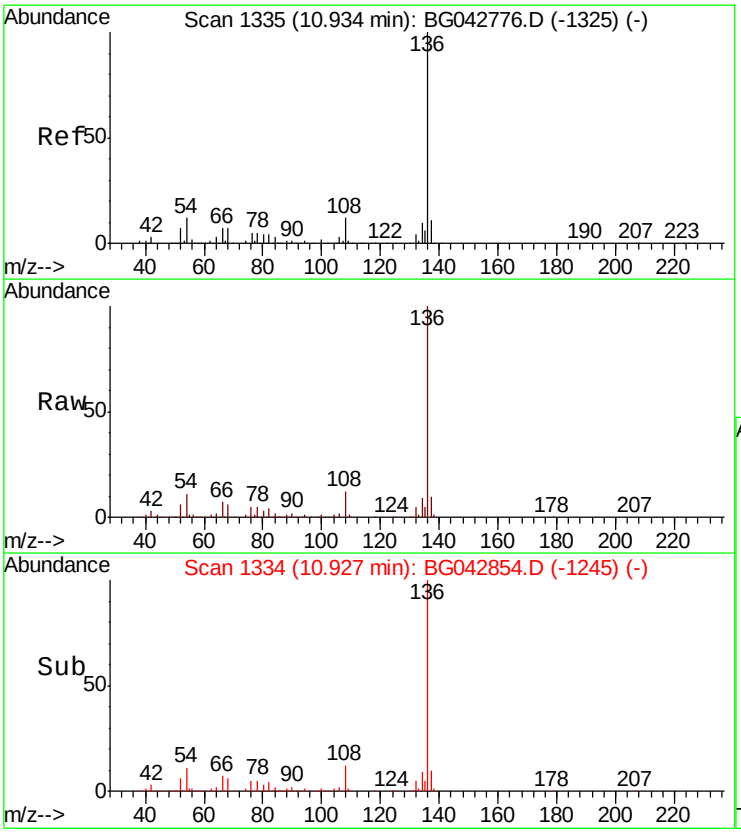
#19
n-Nitroso-di-n-propylamine
Concen: 17.688 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 111677

Ion	Ratio	Lower	Upper
70	100		
42	43.1	57.0	85.6#
101	0.0	8.4	12.6#
130	1.2	16.1	24.1#

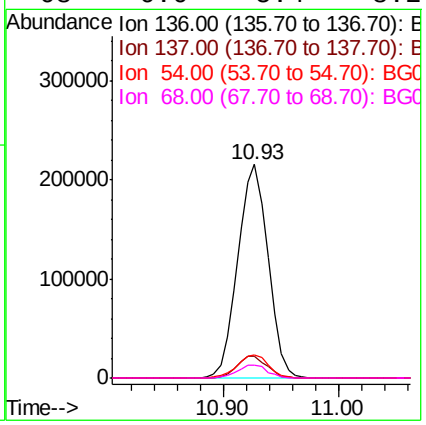


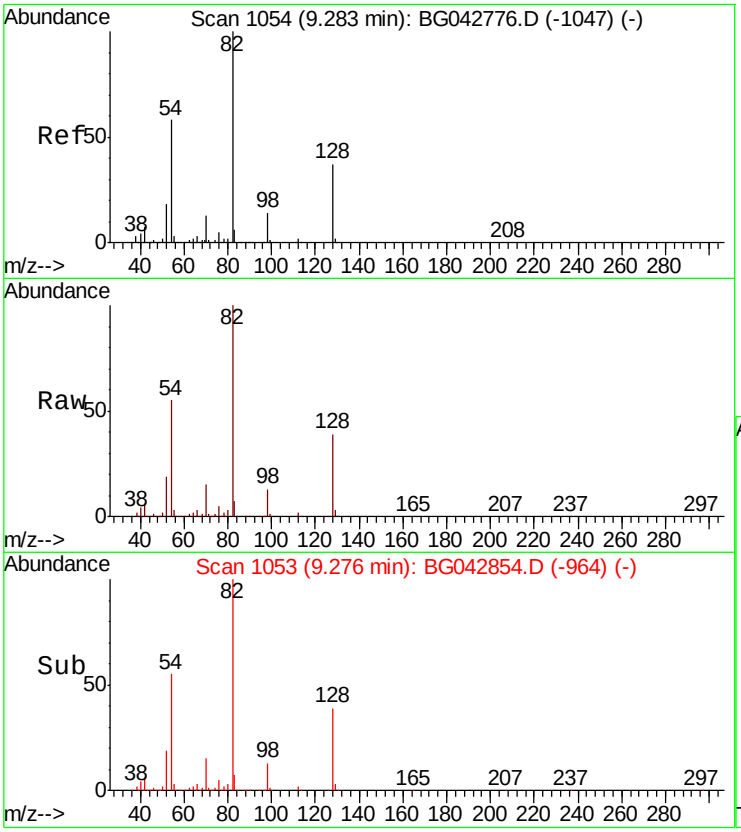


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:136 Resp: 392107

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	10.6	9.4	14.0
68	6.0	5.4	8.2



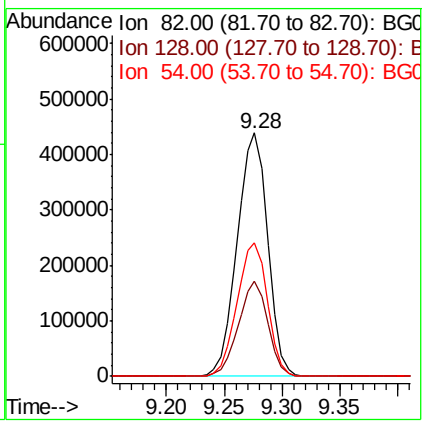


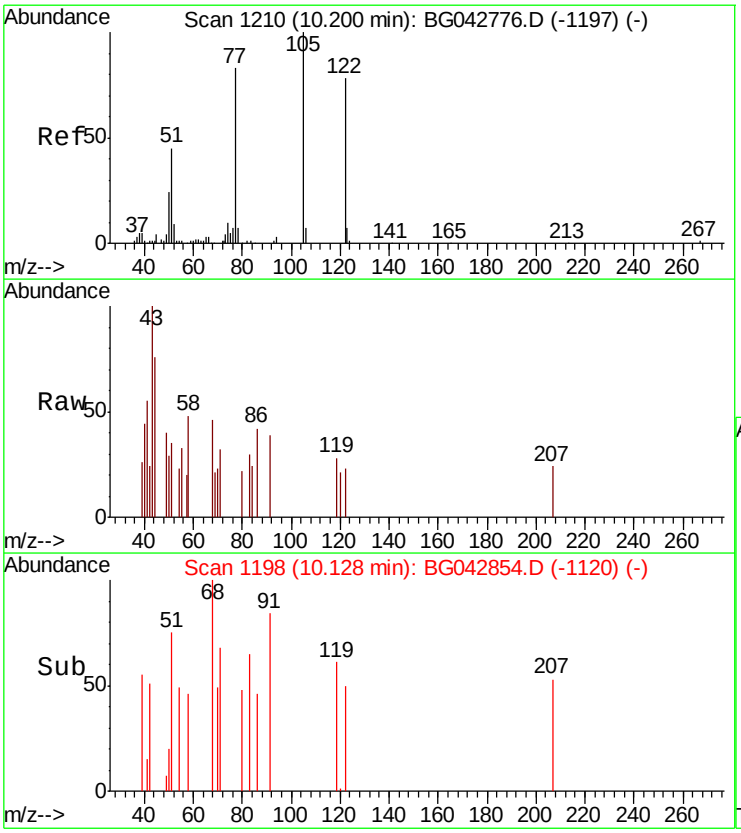
#23
Nitrobenzene-d5
Concen: 106.777 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 804190

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.8	44.8
54	55.1	46.1	69.1

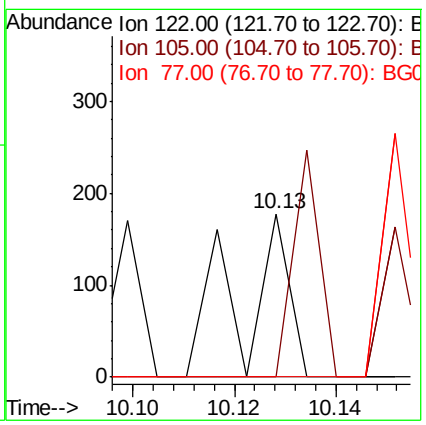


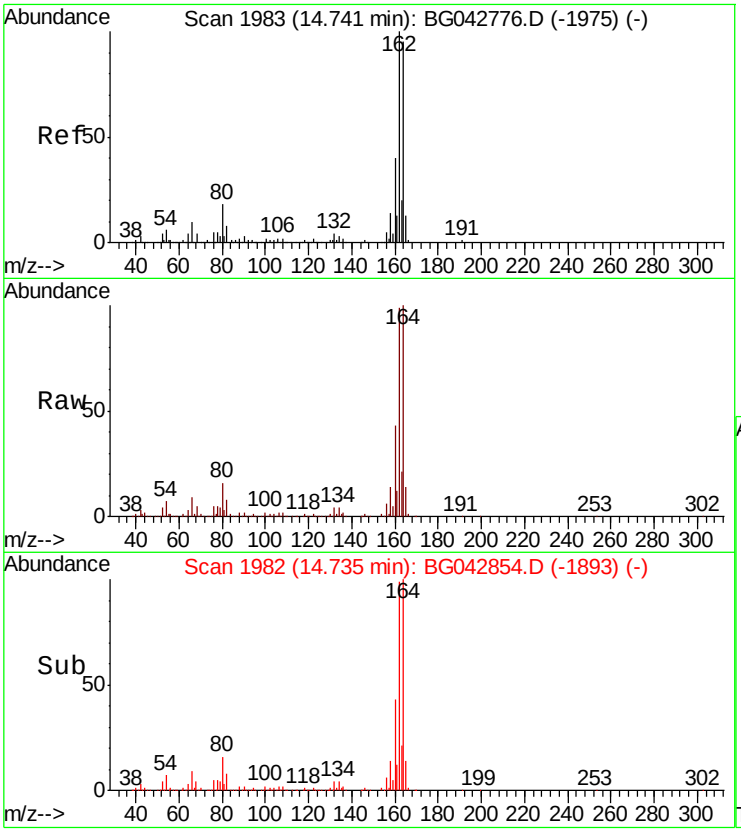


#32
Benzoic acid
Concen: 5.988 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.07 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#



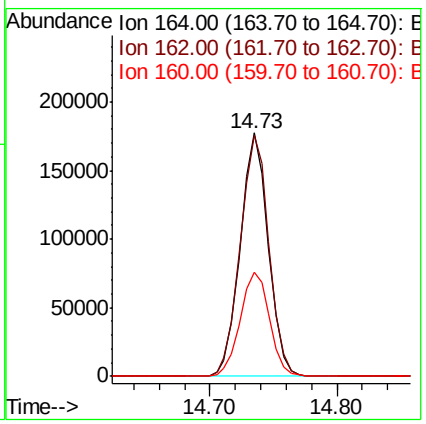


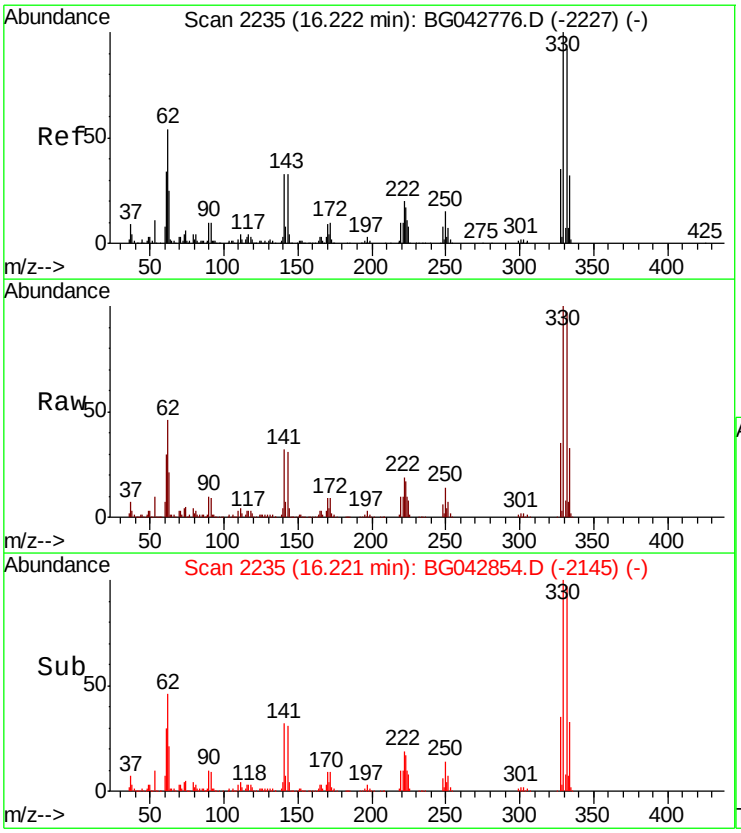
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 271420

Ion	Ratio	Lower	Upper
164	100		
162	99.1	84.6	126.8
160	42.6	34.2	51.2

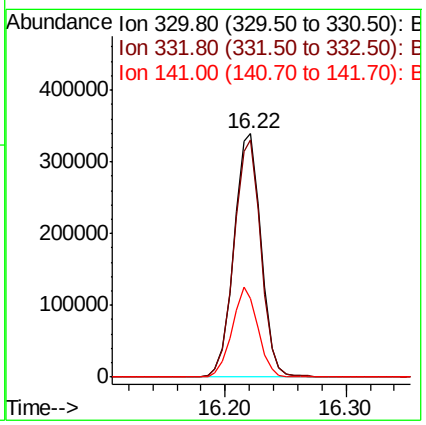


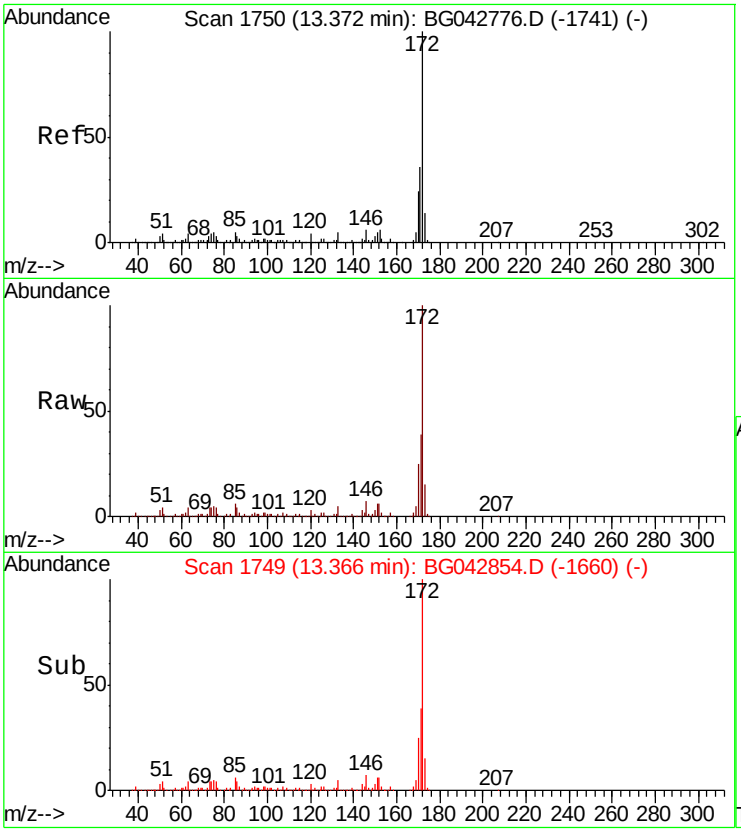


#42
2,4,6-Tribromophenol
Concen: 146.499 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:330 Resp: 529014

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	35.3	27.0	40.6



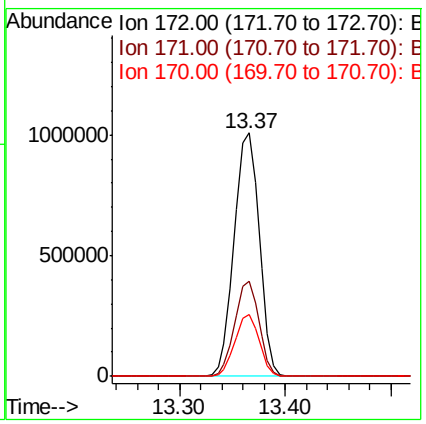


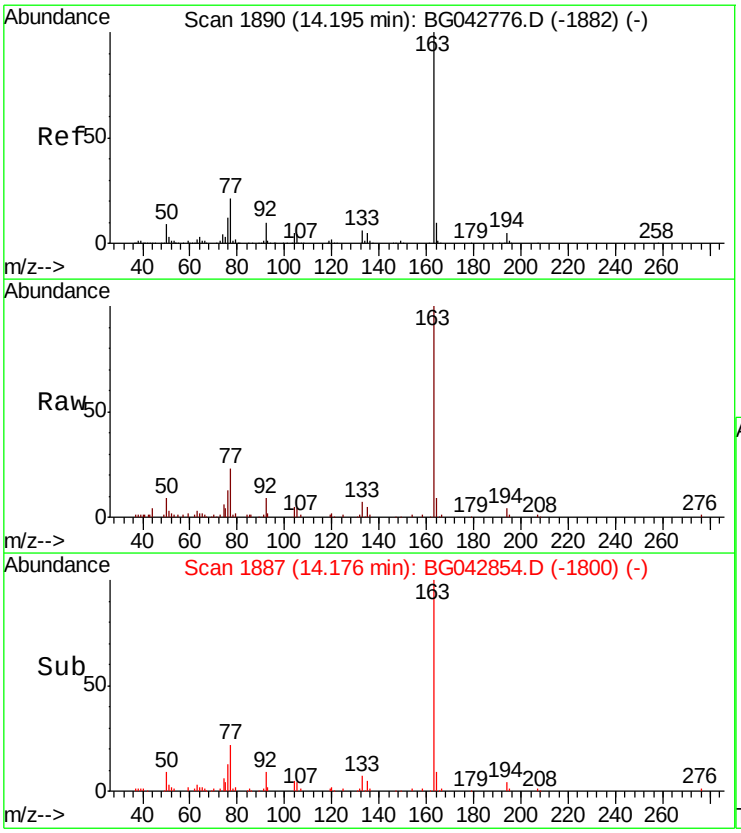
#45
2-Fluorobiphenyl
Concen: 96.755 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1659029

Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.9	43.3
170	25.4	19.1	28.7

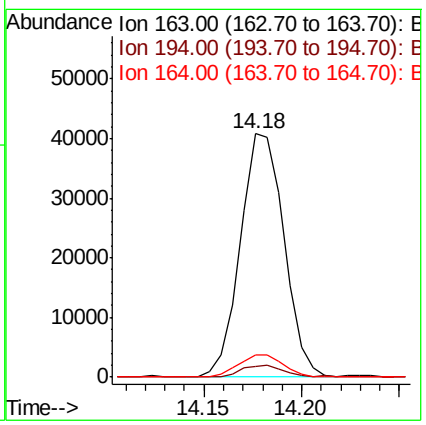


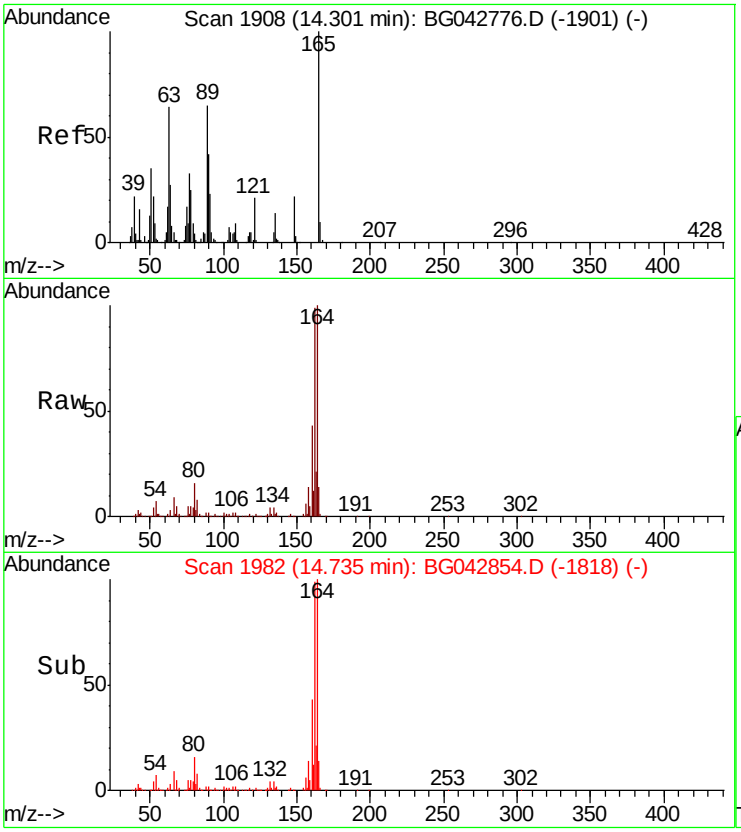


#50
Dimethylphthalate
Concen: 3.102 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:163 Resp: 63064

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.2	6.4
164	9.1	8.4	12.6



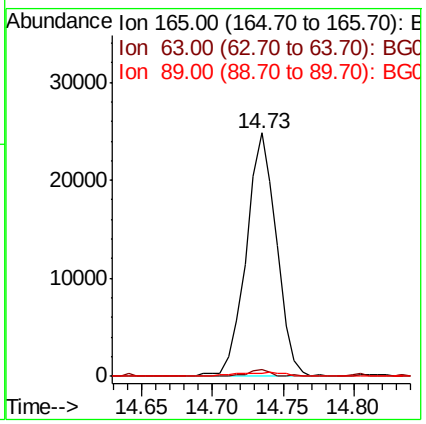


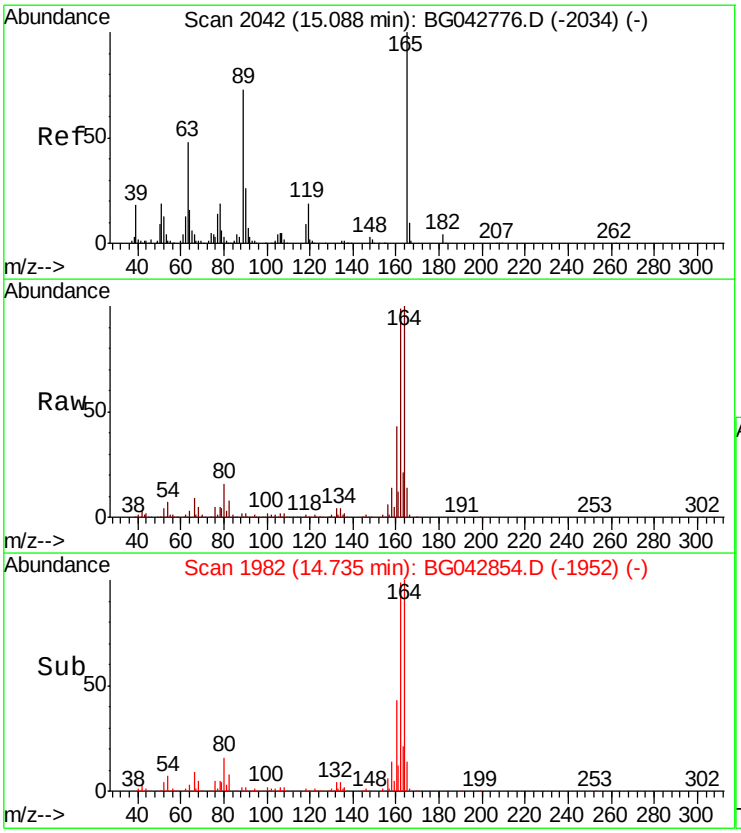
#51
2,6-Dinitrotoluene
Concen: 8.945 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.43 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 37320

Ion	Ratio	Lower	Upper
165	100		
63	2.9	52.1	78.1#
89	1.0	51.7	77.5#

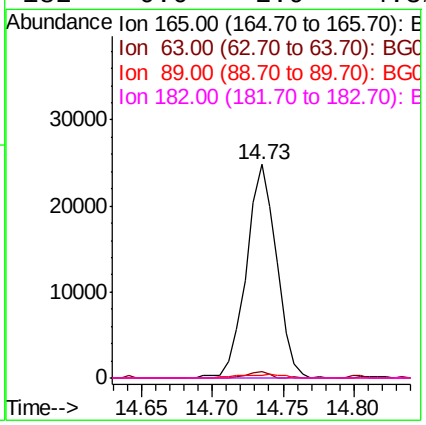


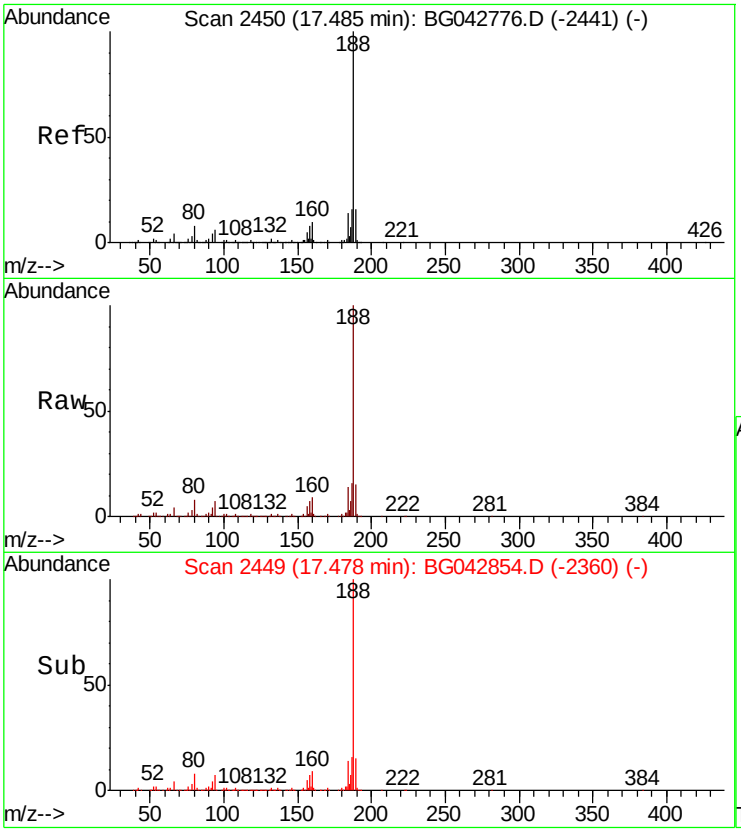


#57
2,4-Dinitrotoluene
Concen: 6.711 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.35 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:165 Resp: 37320

Ion	Ratio	Lower	Upper
165	100		
63	2.9	38.3	57.5#
89	1.0	58.4	87.6#
182	0.0	2.9	4.3#



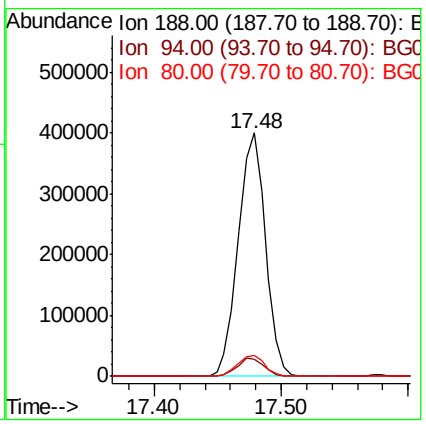


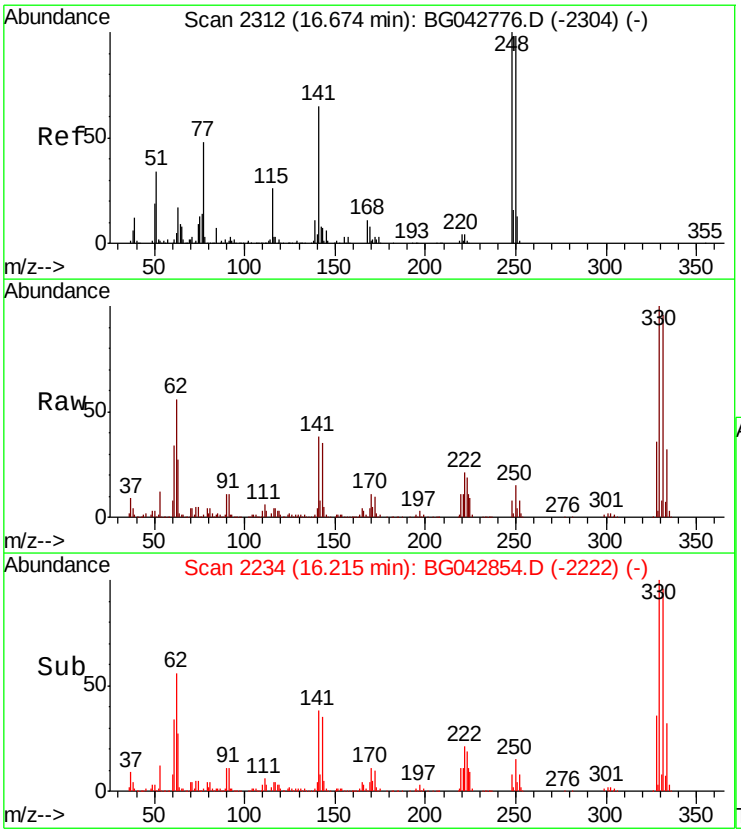
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 596846

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.8	7.2
80	8.4	6.6	9.8

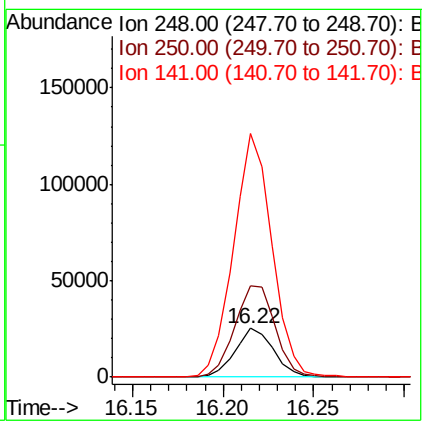


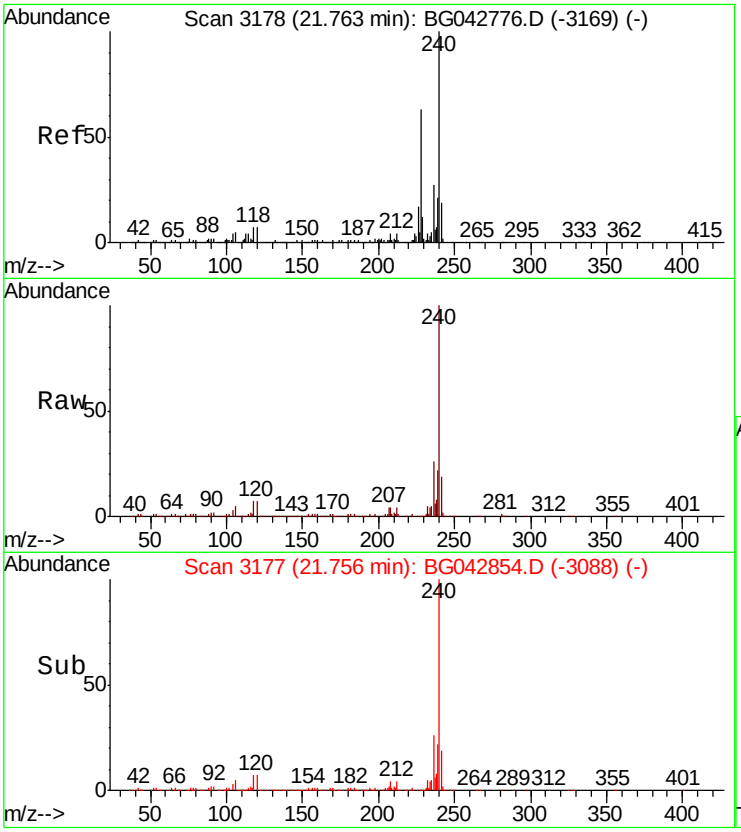


#67
4-Bromophenyl-phenylether
Concen: 5.088 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:248 Resp: 36754

Ion	Ratio	Lower	Upper
248	100		
250	188.4	78.0	117.0#
141	499.3	51.8	77.6#



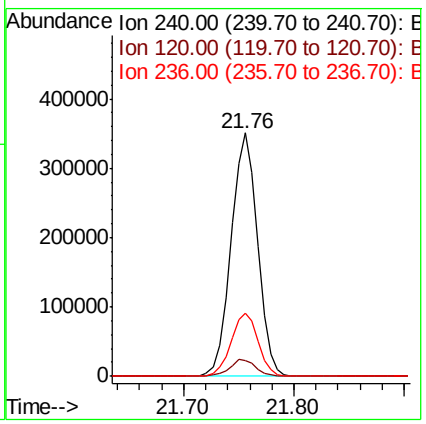


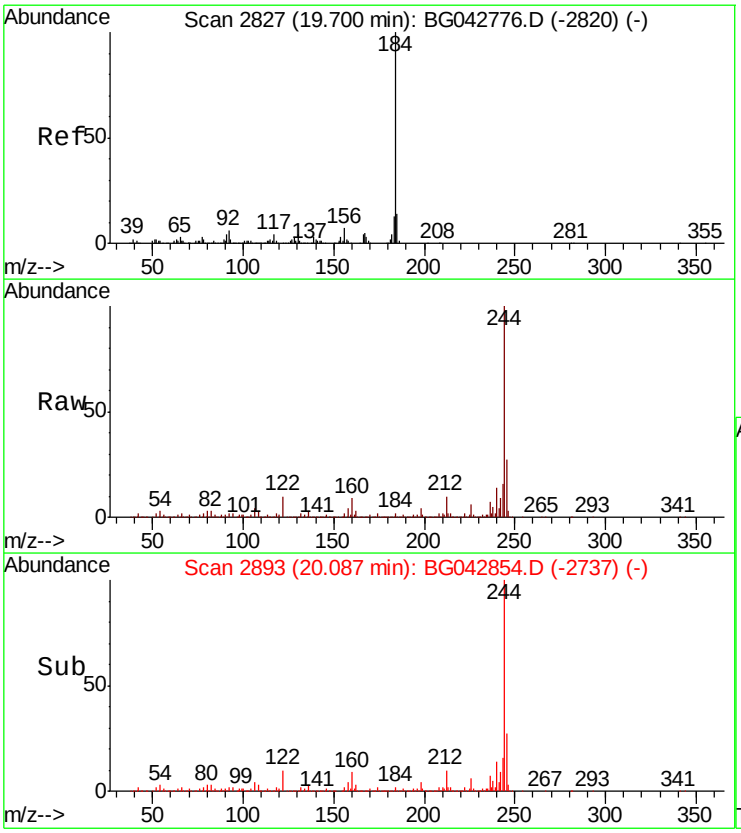
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 589123

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.4	8.2
236	26.0	21.7	32.5

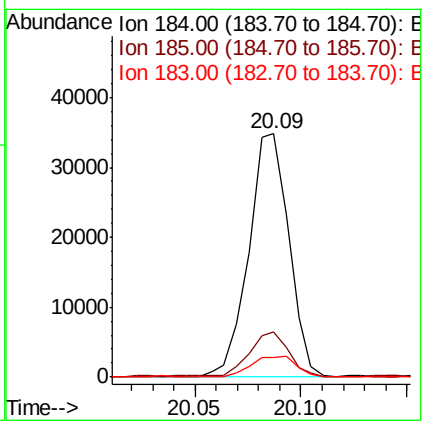


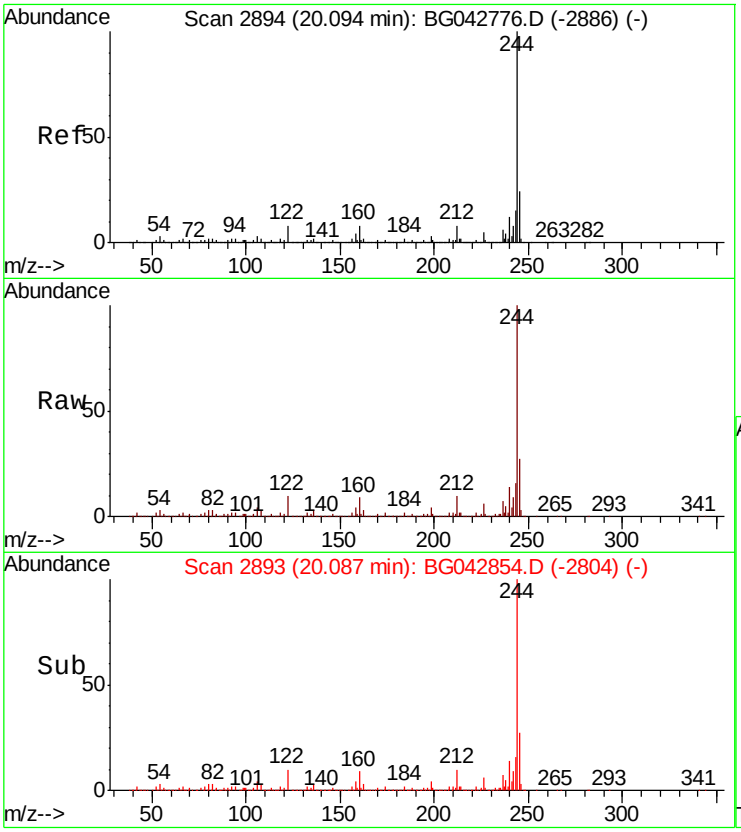


#77
Benzidine
Concen: 2.793 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.39 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:184 Resp: 45978

Ion	Ratio	Lower	Upper
184	100		
185	18.6	11.6	17.4#
183	8.3	10.4	15.6#



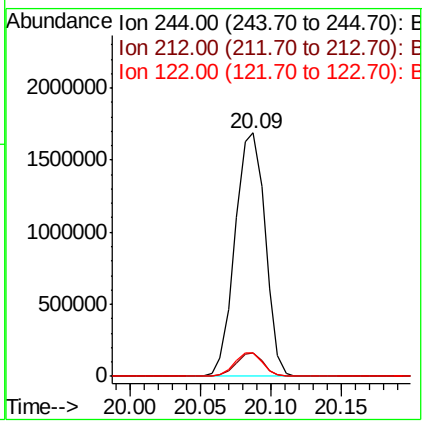


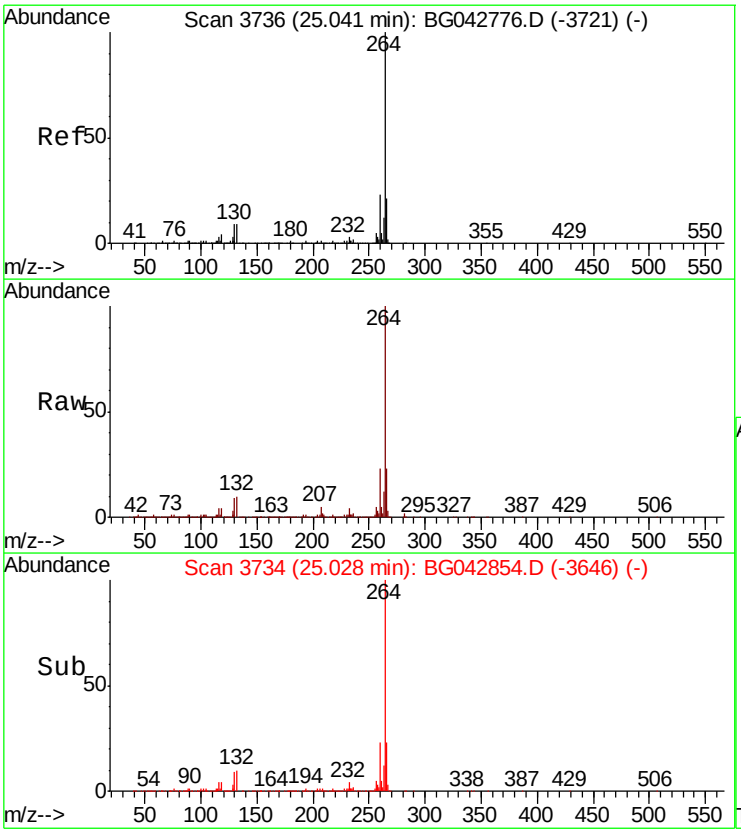
#79
Terphenyl-d14
Concen: 94.619 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2515135

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.6	10.0
122	9.7	6.2	9.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042854.D
Acq: 16 Sep 2019 18:33

Tgt Ion:264 Resp: 639814

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	23.0	16.9	25.3