Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041150.D
Acq On : 9 Jun 2019 2:54
Operator : HP/JU
Sample : 8270PBBL2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 09 23:04:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35214	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	150839	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	115656	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	305365	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	315172	20.00	ng	-0.03
87) Perylene-d12	25.08	264	326591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	288980	147.98	ng	-0.02
7) Phenol-d6	7.25	99	430987	142.90	ng	-0.02
23) Nitrobenzene-d5	9.28	82	299371	88.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	249083	145.07	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	756241	94.16	ng	-0.02
79) Terphenyl-d14	20.08	244	1432175	96.44	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	41626	17.935	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	15149	7.177	ng	# 19
57) 2,4-Dinitrotoluene	14.74	165	15149	5.081	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.23	198	715	8.948	ng	# 17
67) 4-Bromophenyl-phenylether	16.22	248	18189	4.414	ng	# 1
70) Pentachlorophenol	17.18	266	59	4.280	ng	# 18
77) Benzidine	20.08	184	24173	3.215	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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Acq On : 9 Jun 2019 2:54
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Instrument :
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ClientSampleId :

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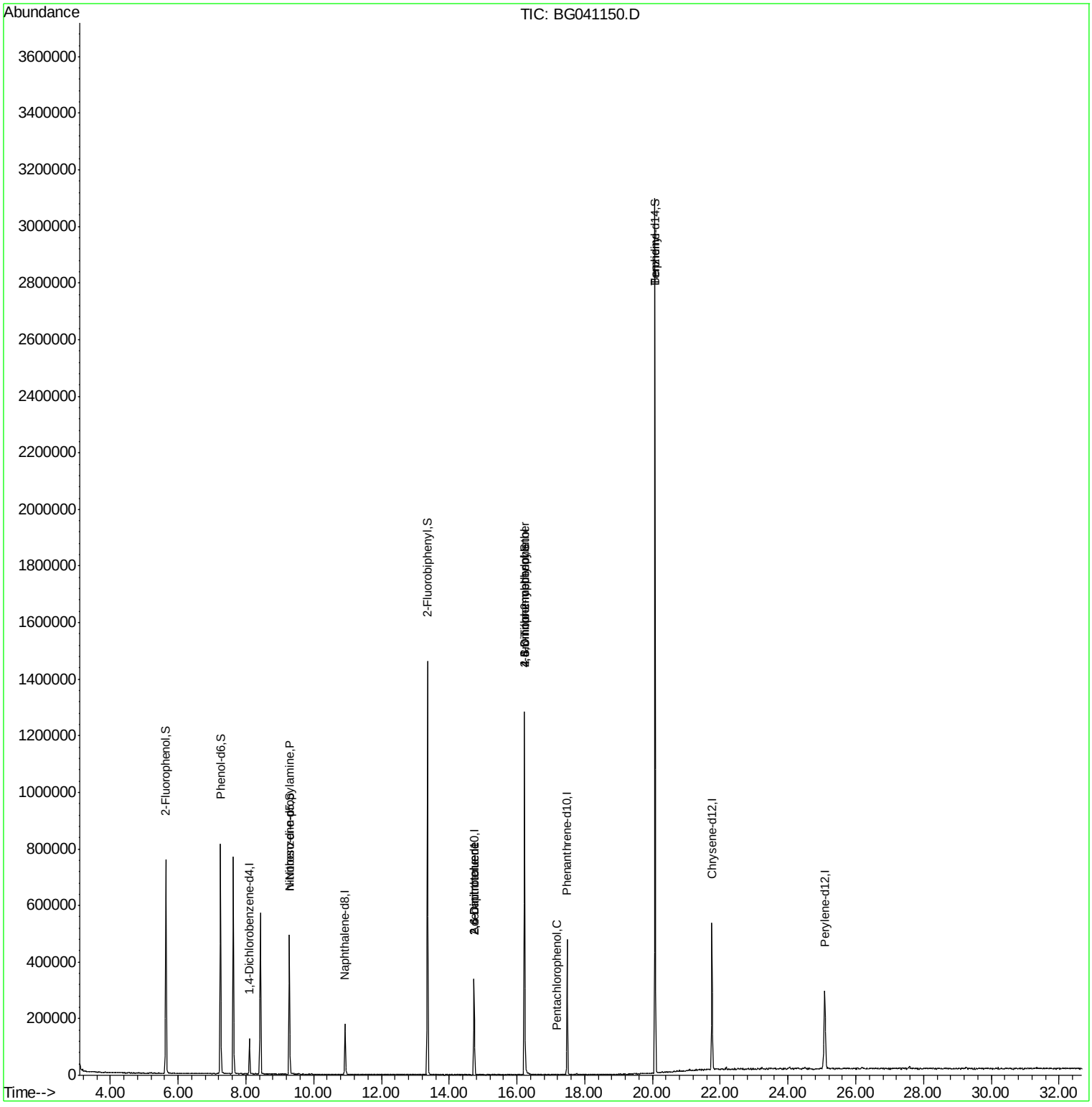
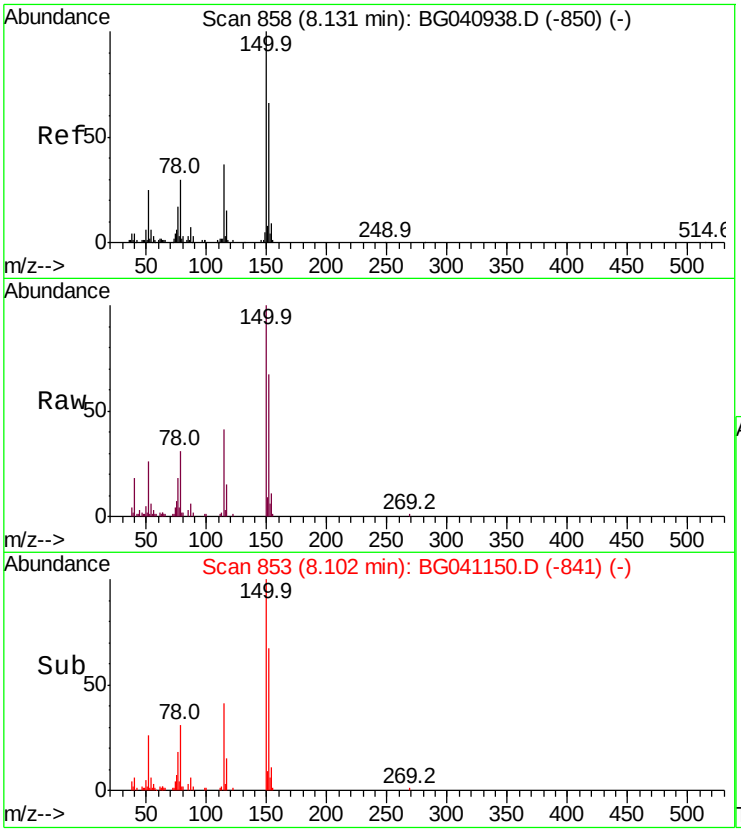
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



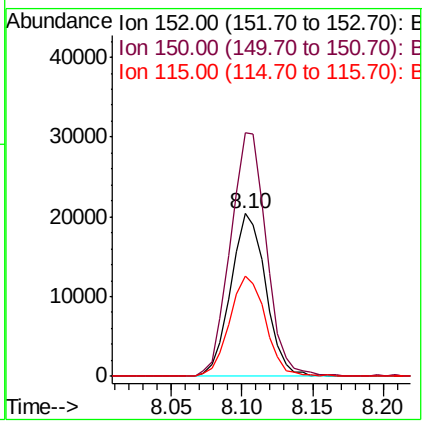


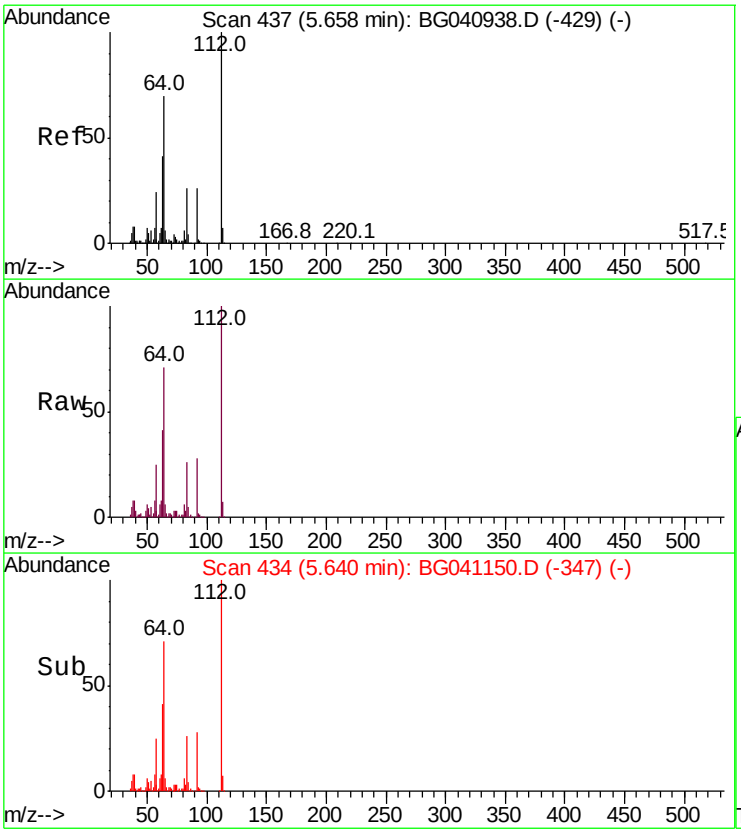
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35214

Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.6	180.8
115	61.4	45.1	67.7

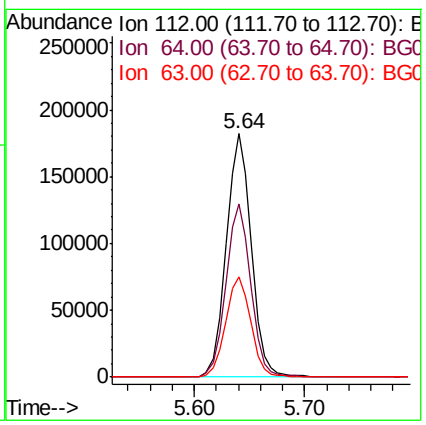


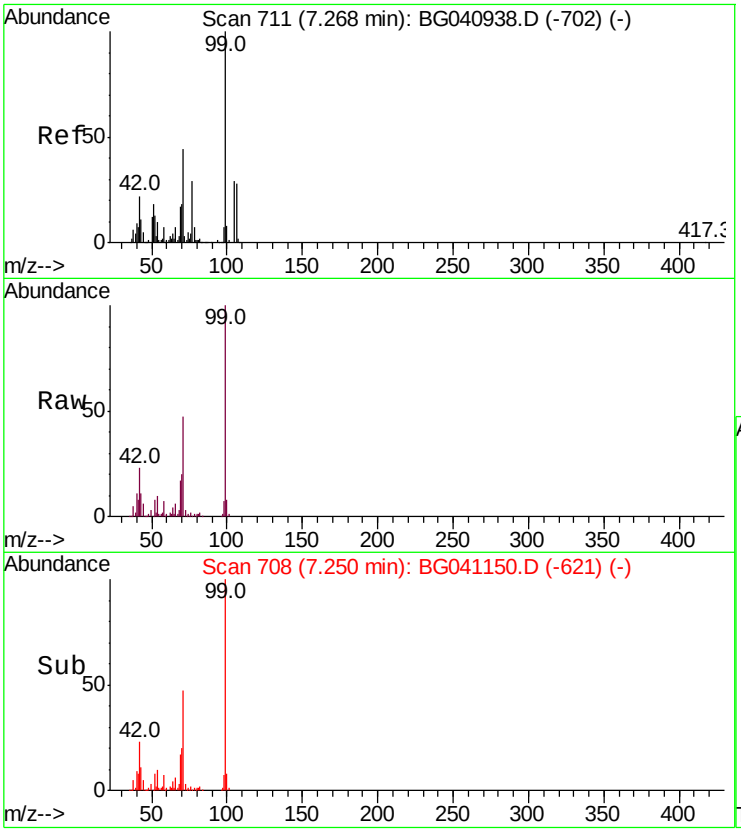


#5
2-Fluorophenol
Concen: 147.979 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:112 Resp: 288980

Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.2	84.2
63	41.0	32.8	49.2



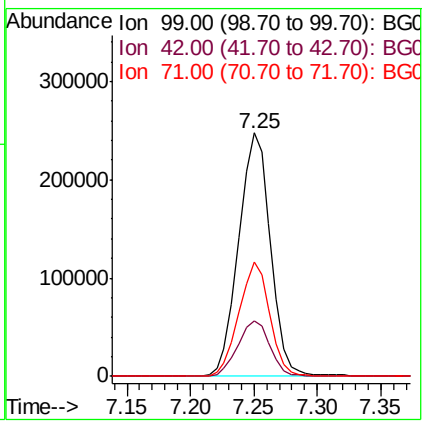


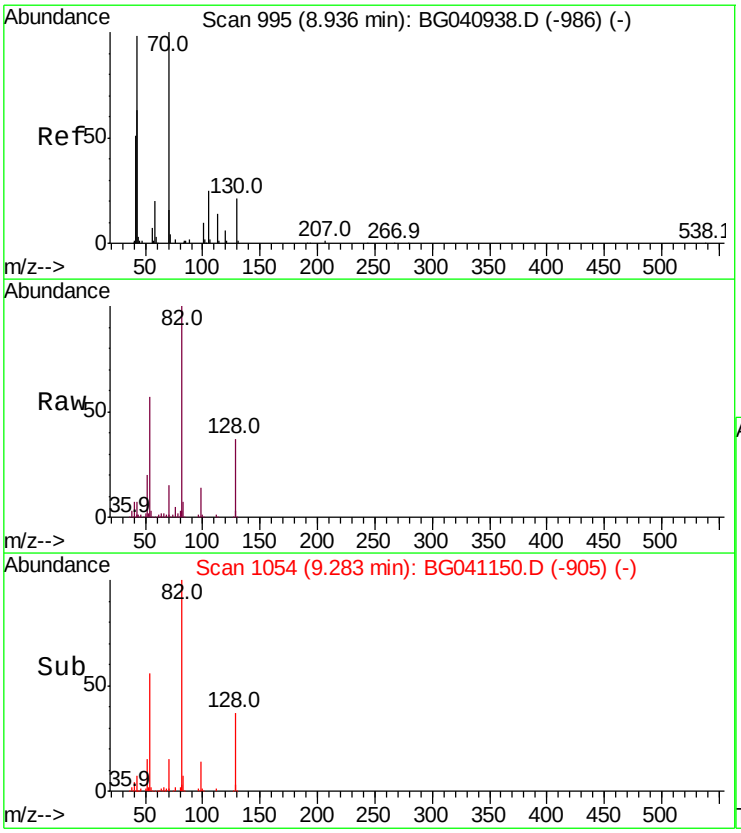
#7
Phenol-d6
Concen: 142.902 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 430987

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	47.0	35.4	53.0

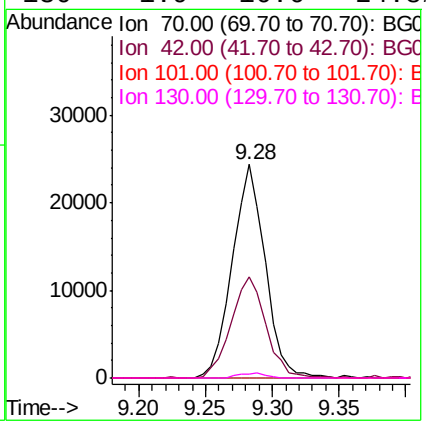


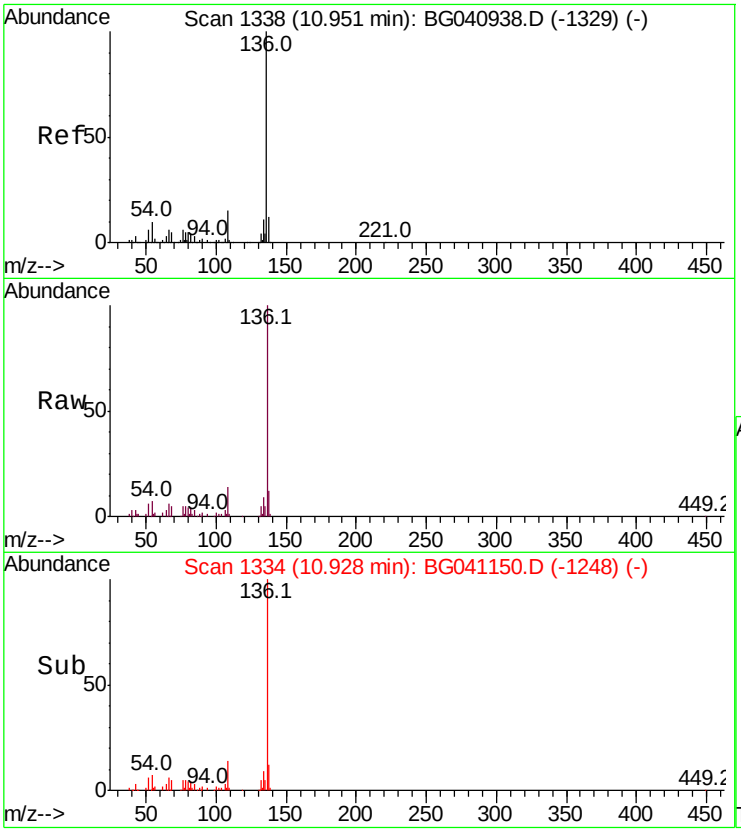


#19
n-Nitroso-di-n-propylamine
Concen: 17.935 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.35 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion: 70 Resp: 41626

Ion	Ratio	Lower	Upper
70	100		
42	47.6	51.5	77.3#
101	0.0	8.1	12.1#
130	1.9	16.6	24.8#



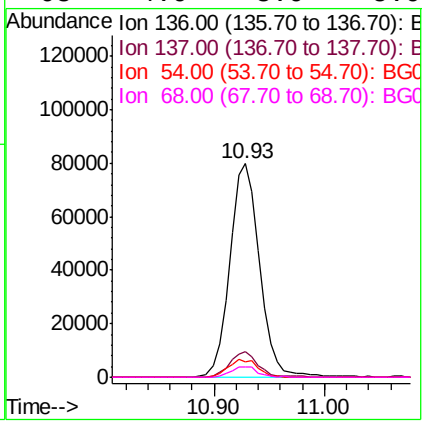


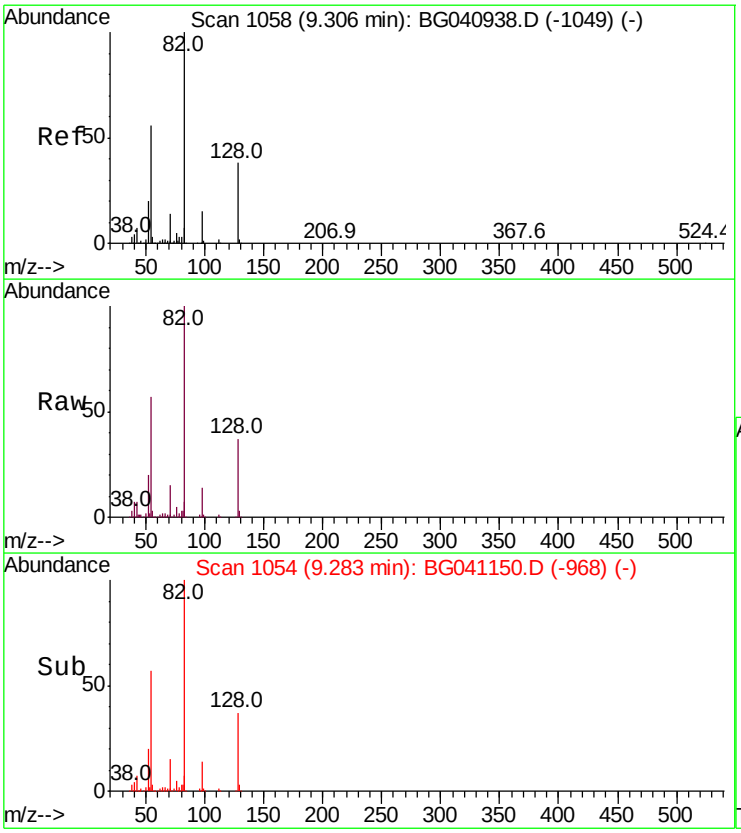
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 150839

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	7.1	7.6	11.4#
68	4.9	3.9	5.9

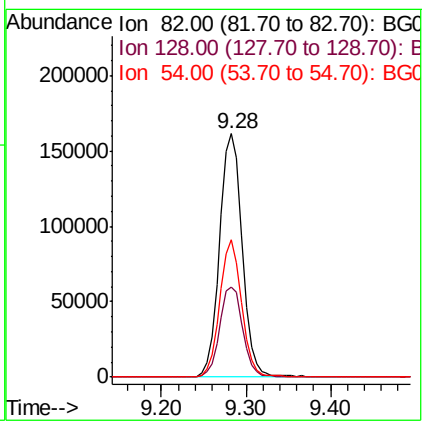


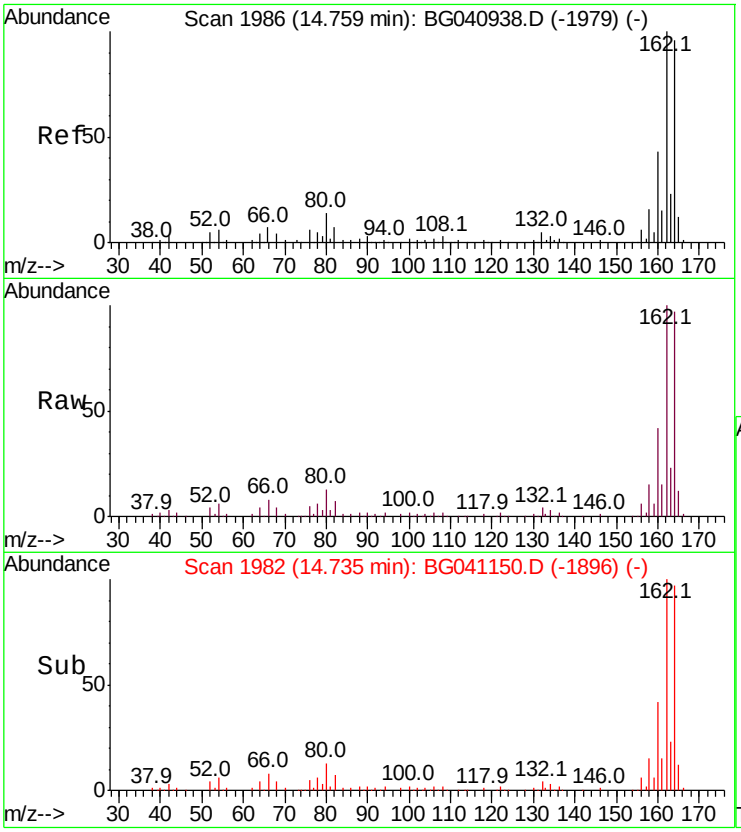


#23
Nitrobenzene-d5
Concen: 88.108 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion: 82 Resp: 299371

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	56.7	44.6	66.8



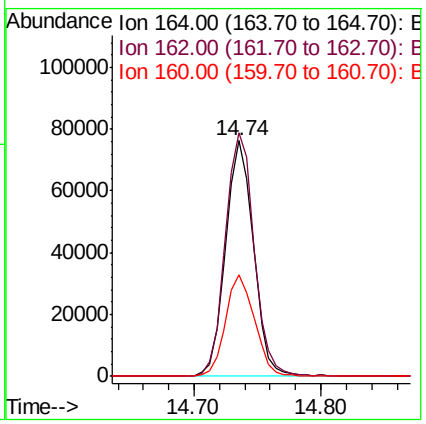


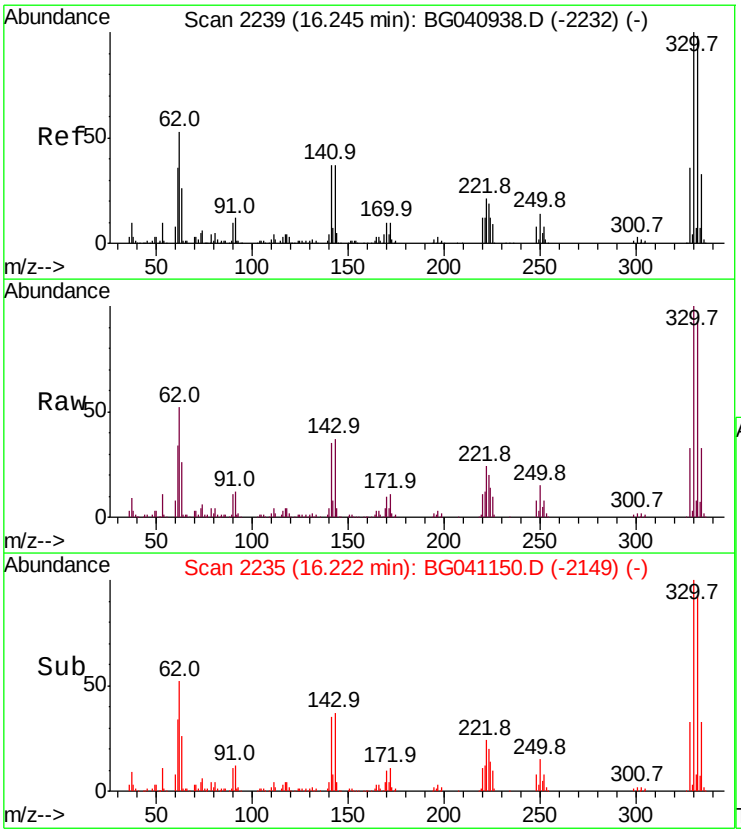
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 115656

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.4
160	43.2	35.6	53.4

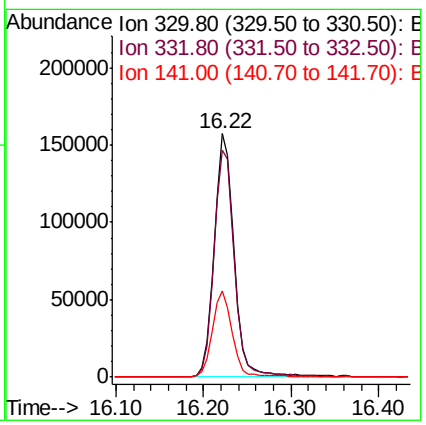


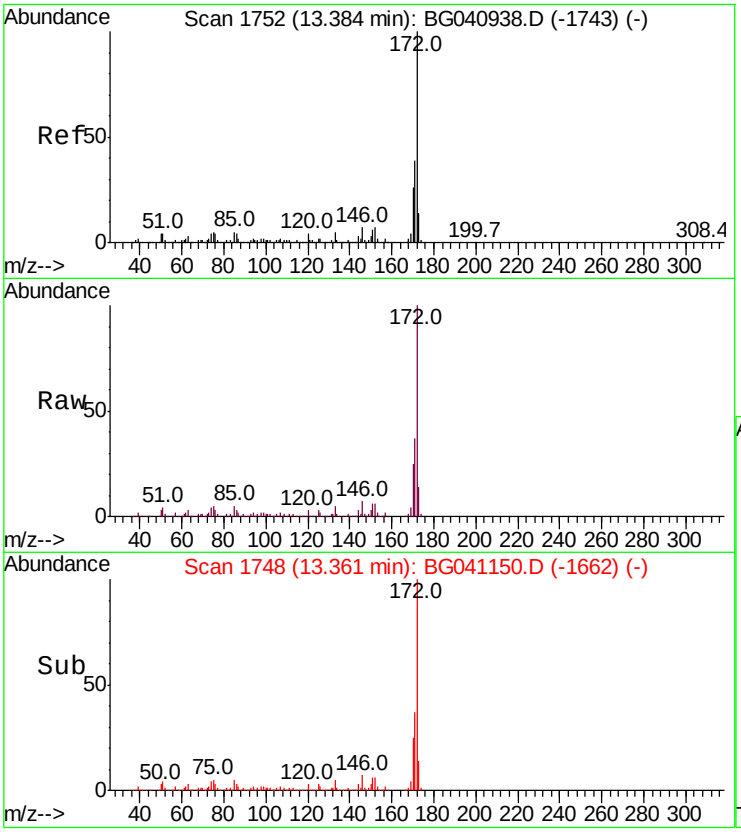


#42
2,4,6-Tribromophenol
Concen: 145.069 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:330 Resp: 249083

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.5	28.7	43.1



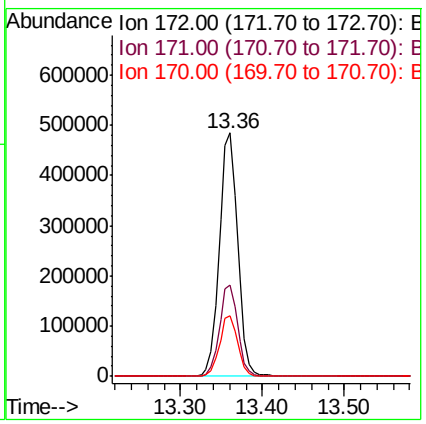


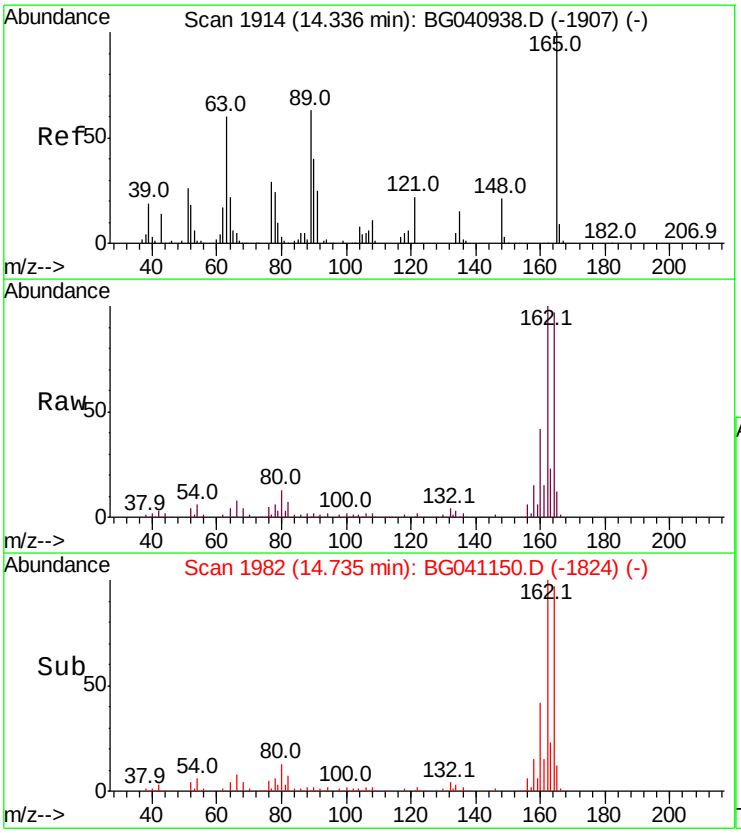
#45
2-Fluorobiphenyl
Concen: 94.164 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 756241

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.1	46.7
170	25.1	20.5	30.7

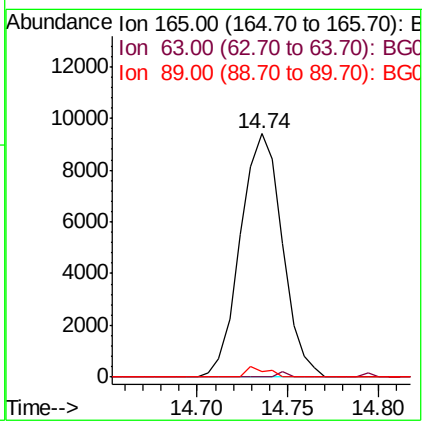


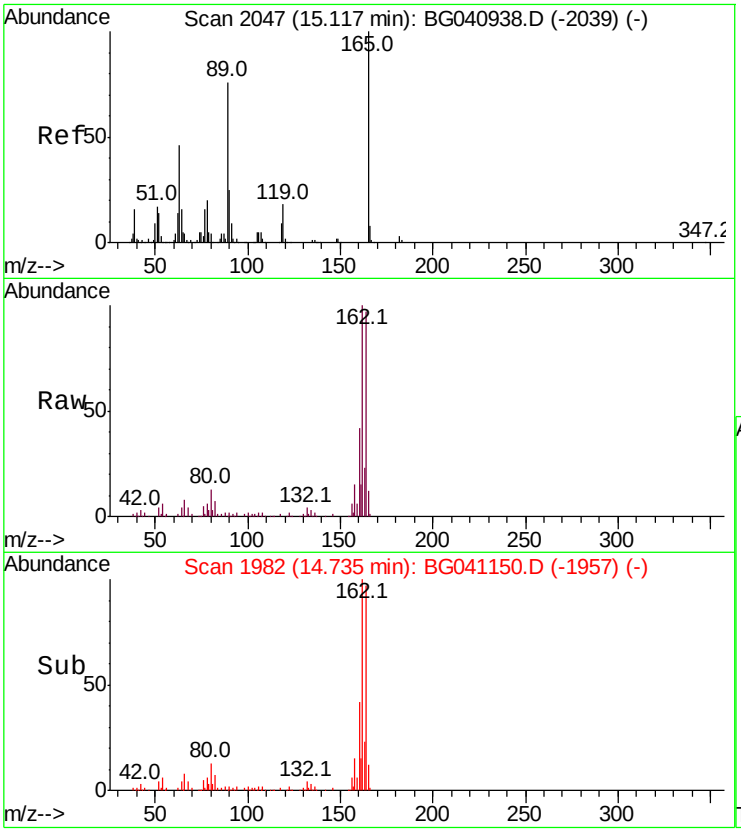


#51
2,6-Dinitrotoluene
Concen: 7.177 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:165 Resp: 15149

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	2.1	50.4	75.6#



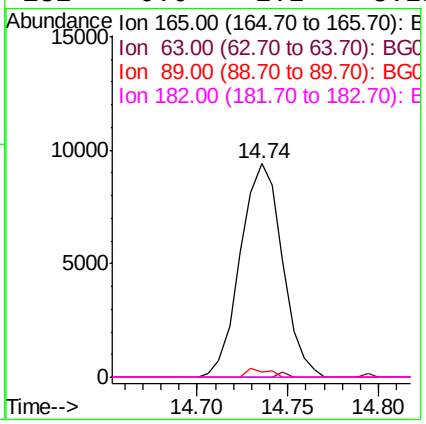


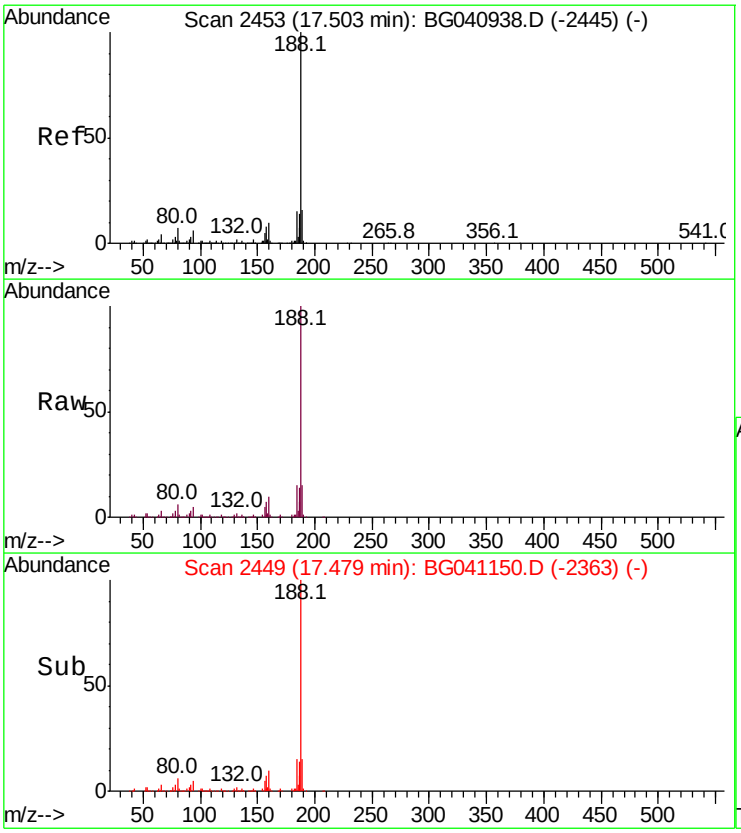
#57
2,4-Dinitrotoluene
Concen: 5.081 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15149

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	2.1	61.0	91.6#
182	0.0	2.2	3.2#

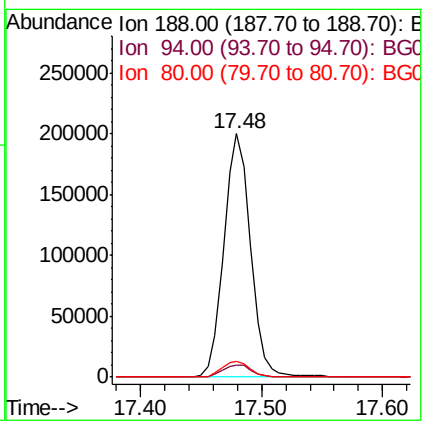


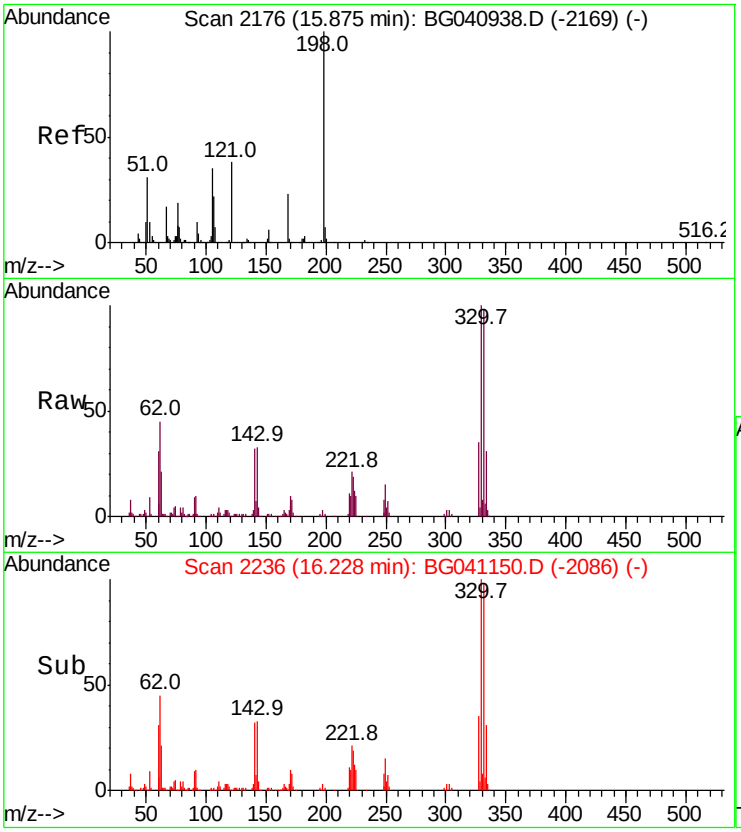


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:188 Resp: 305365

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.7	7.1
80	6.5	5.8	8.8



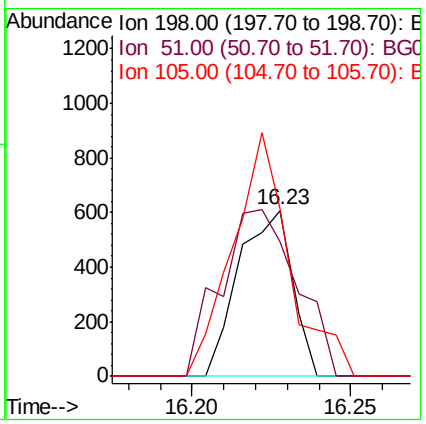


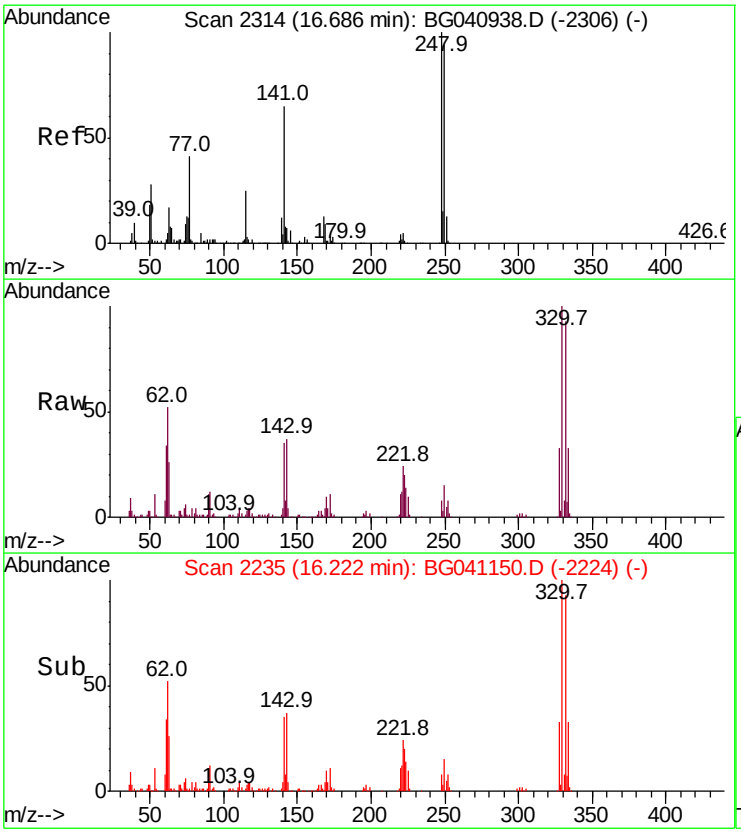
#65
4,6-Dinitro-2-methylphenol
Concen: 8.948 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.35 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 715

Ion	Ratio	Lower	Upper
198	100		
51	80.9	21.6	61.6#
105	101.5	17.5	57.5#

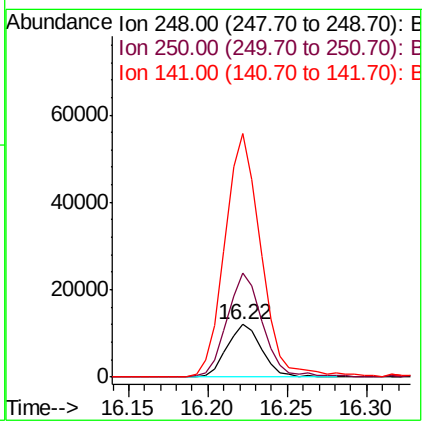


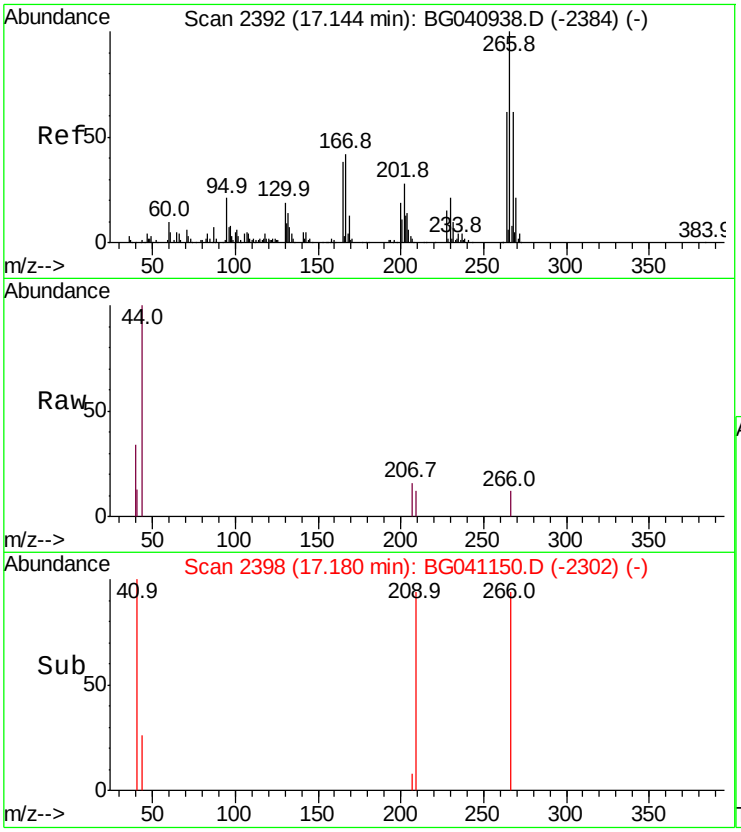


#67
4-Bromophenyl-phenylether
Concen: 4.414 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.46 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:248 Resp: 18189

Ion	Ratio	Lower	Upper
248	100		
250	197.4	75.0	112.4#
141	461.0	52.4	78.6#



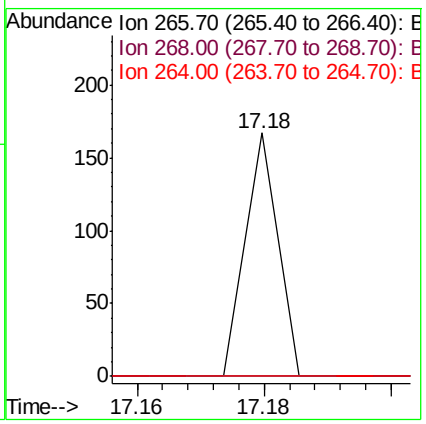


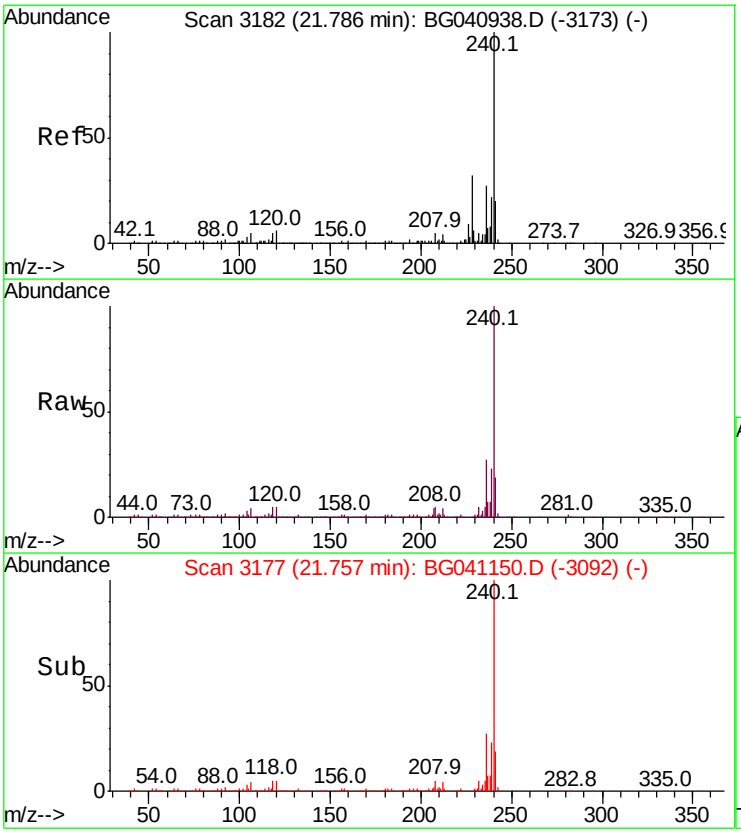
#70
Pentachlorophenol
Concen: 4.280 ng
RT: 17.18 min Scan# 2398
Delta R.T. 0.04 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

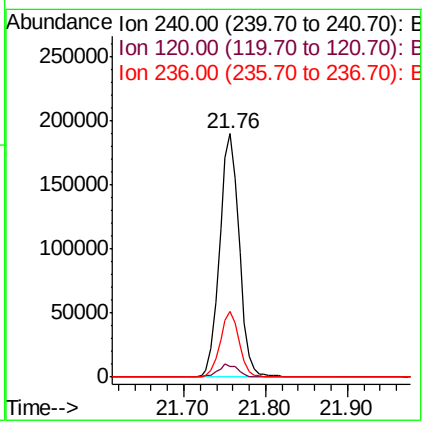


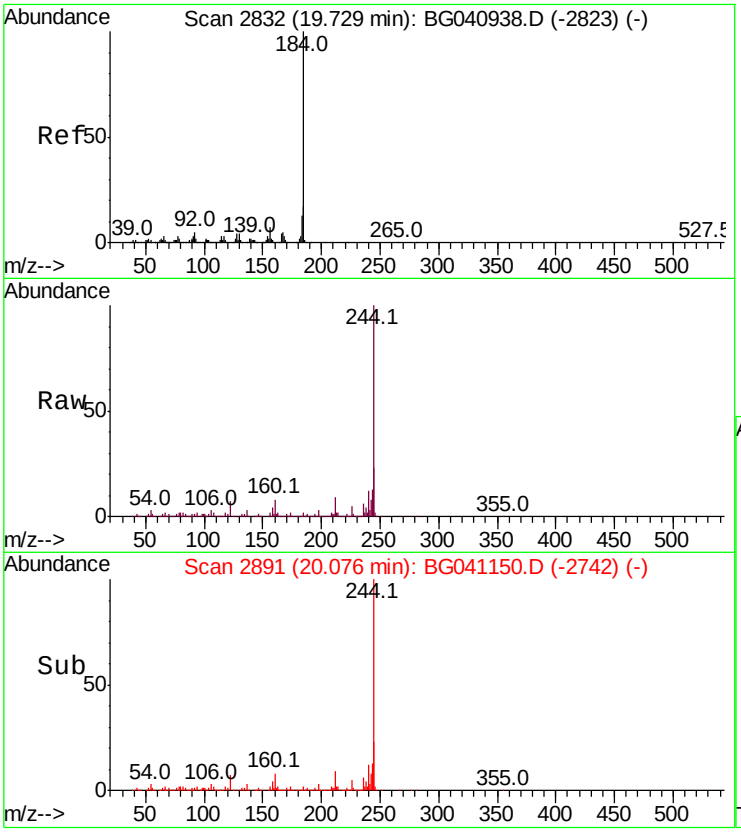


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:240 Resp: 315172

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.5	6.7
236	27.0	21.3	31.9



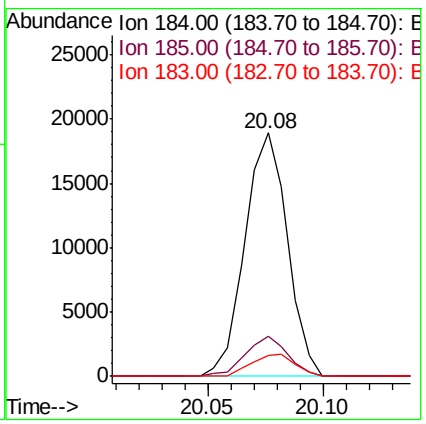


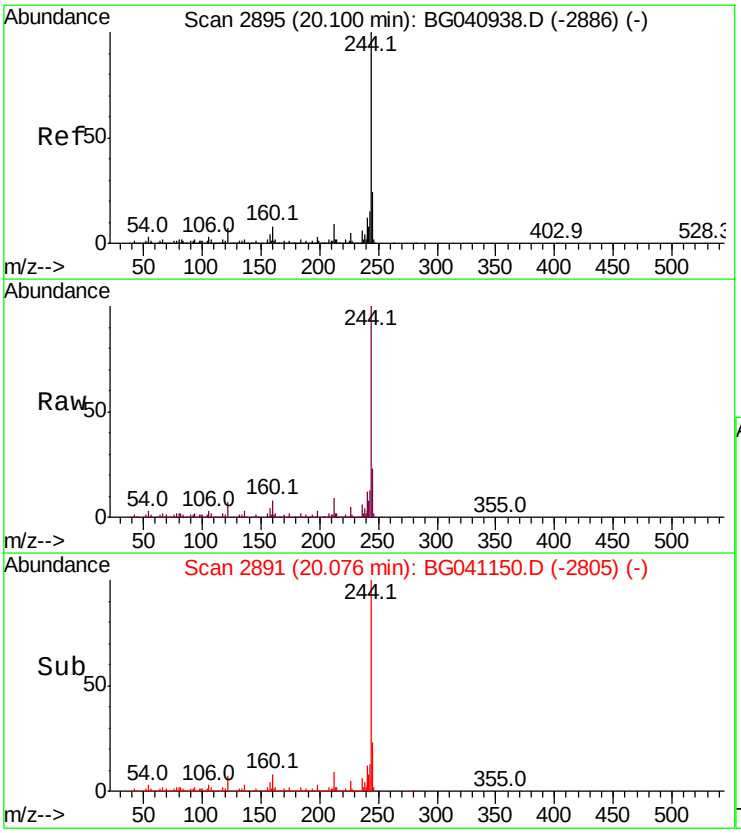
#77
Benzidine
Concen: 3.215 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.35 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24173

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.3	19.9
183	8.8	10.7	16.1#

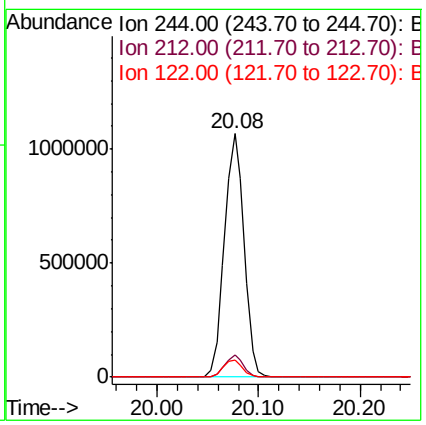


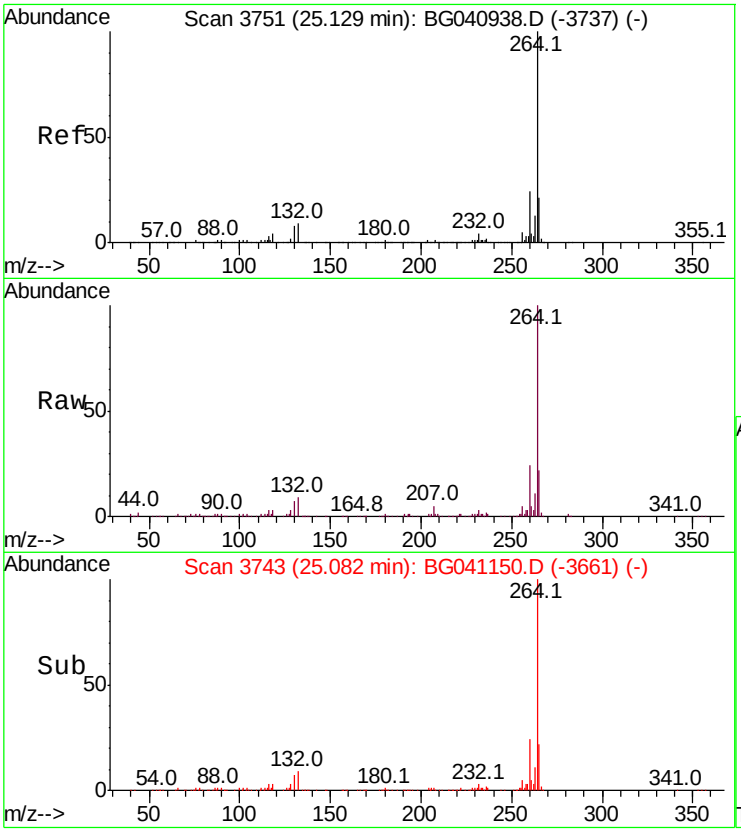


#79
Terphenyl-d14
Concen: 96.442 ng
RT: 20.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Tgt Ion:244 Resp: 1432175

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.9	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.05 min
Lab File: BG041150.D
Acq: 9 Jun 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 326591

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.8	17.0	25.4