Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
Data File : BG035555.D
Acq On : 2 Jul 2018 17:41
Operator : JU/SJ
Sample : J3252-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-062918

Quant Time: Jul 02 18:37:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34378	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	124884	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	86769	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	246602	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	277530	20.00	ng	-0.03
86) Perylene-d12	24.91	264	265763	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	283301	139.07	ng	0.00
7) Phenol-d6	7.23	99	364387	121.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	289094	110.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	215650	194.15	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	649835	97.36	ng	-0.02
78) Terphenyl-d14	20.03	244	1335124	100.77	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	39092	15.304	ng	# 71
31) Naphthalene	10.92	128	28472	4.389	ng	# 95
50) 2,6-Dinitrotoluene	14.68	165	12156	8.806	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	12156	6.629	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	16826	5.666	ng	# 1
76) Benzidine	20.03	184	21952	2.126	ng	# 91

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

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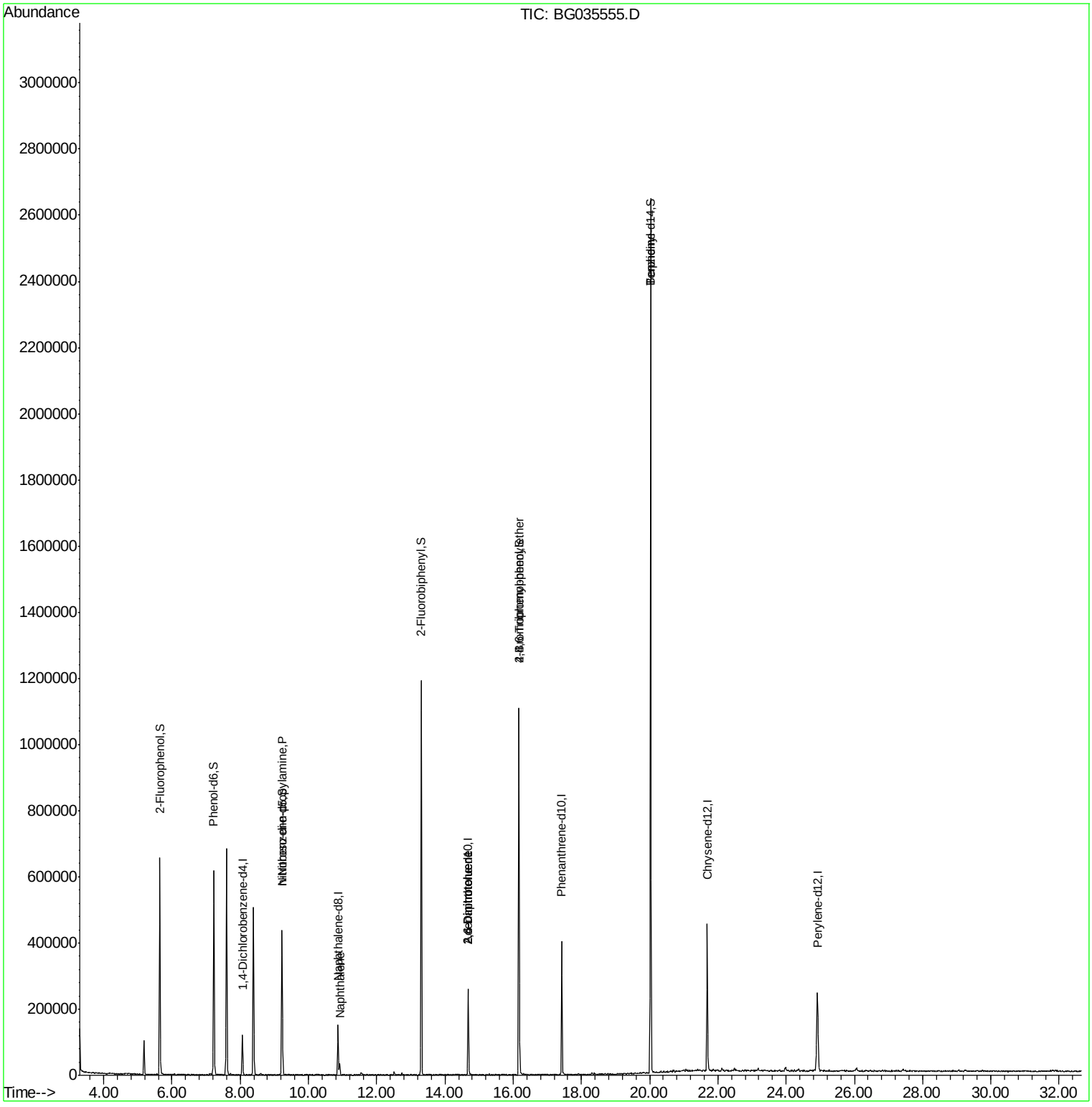
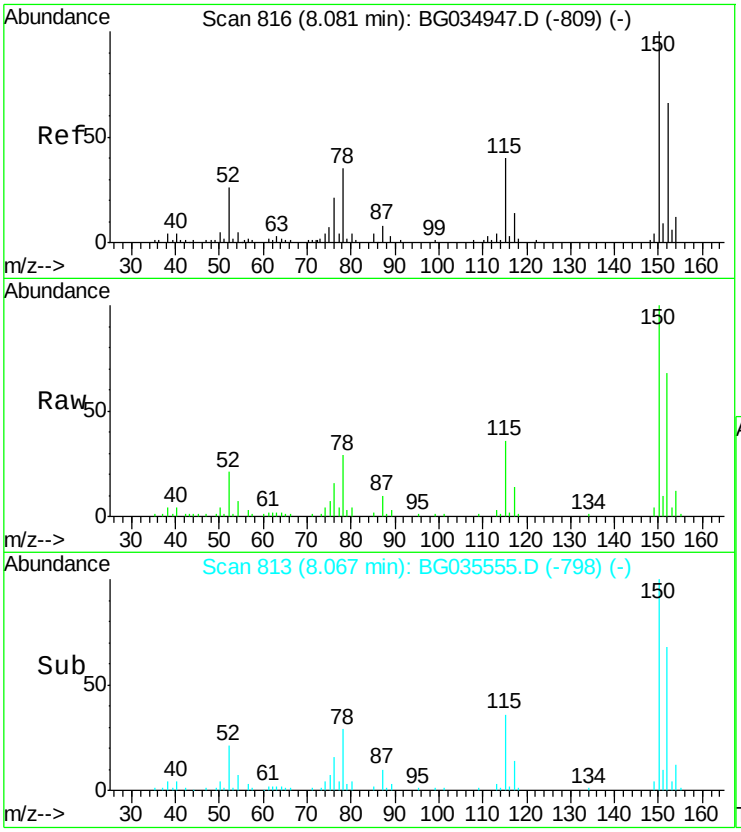


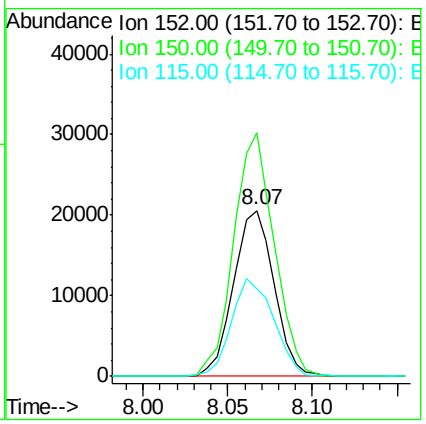


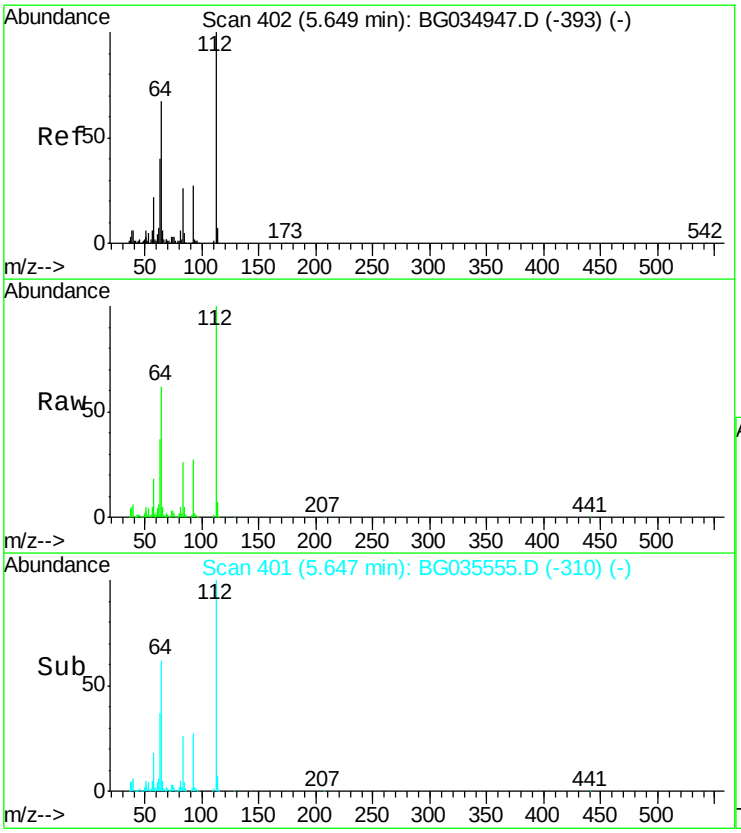
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:152 Resp: 34378

Ion	Ratio	Lower	Upper
152	100		
150	147.0	126.6	189.8
115	53.1	53.0	79.4

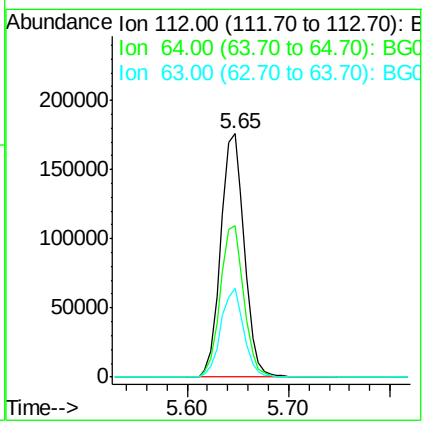


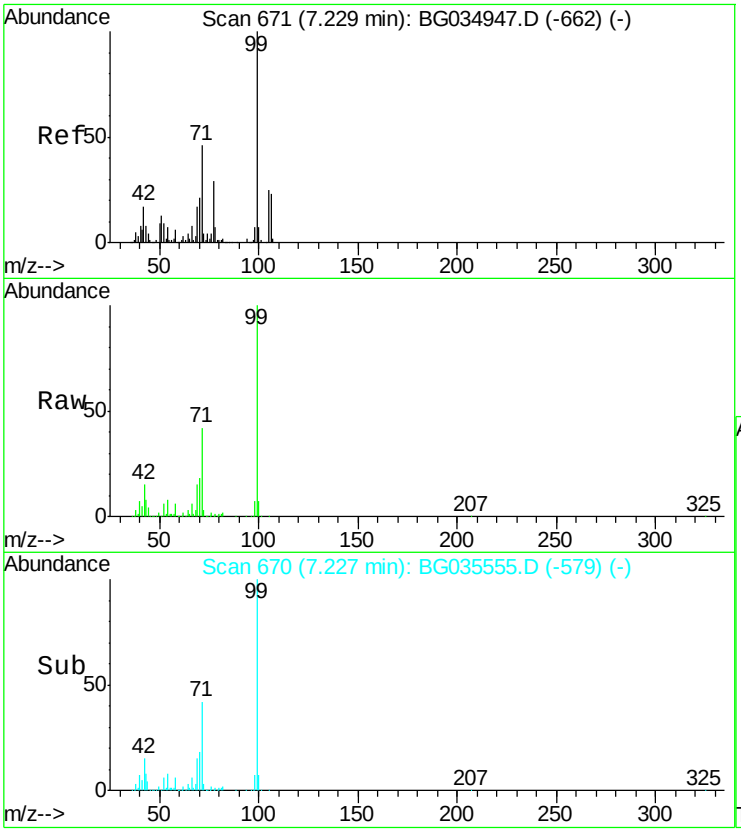


#5
2-Fluorophenol
Concen: 139.072 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:112 Resp: 283301

Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	36.7	30.1	45.1



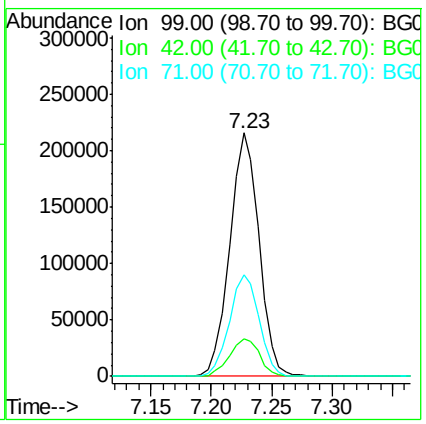


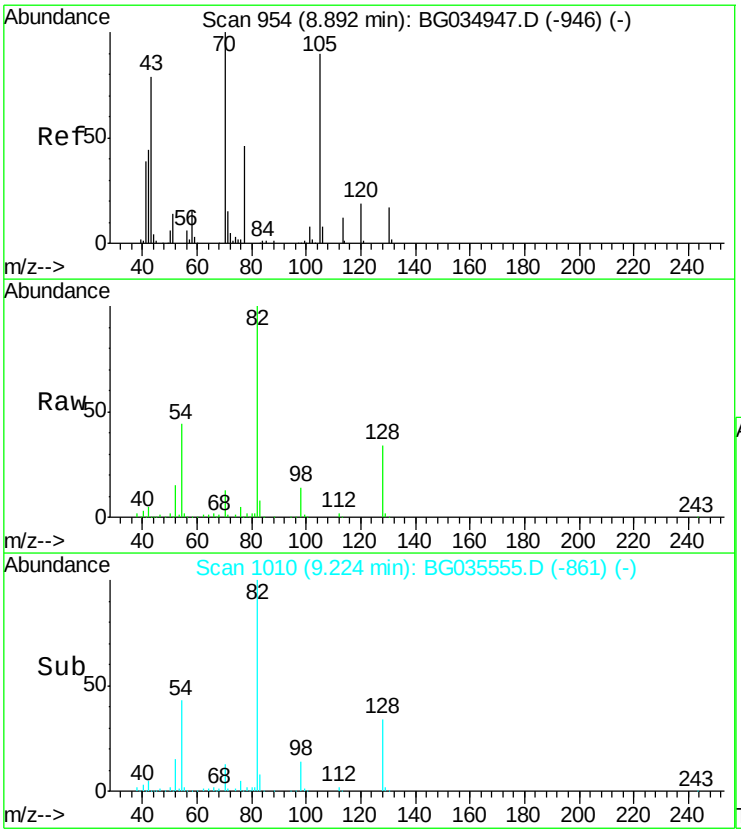
#7
Phenol-d6
Concen: 121.195 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion: 99 Resp: 364387

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	41.8	26.1	39.1#

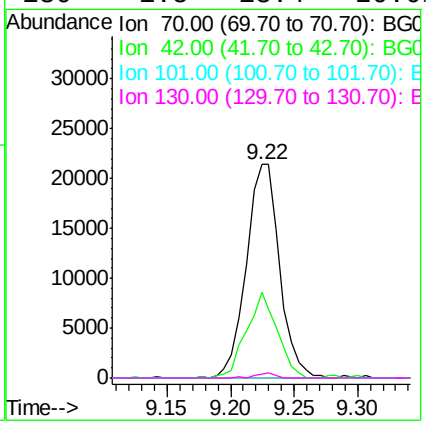


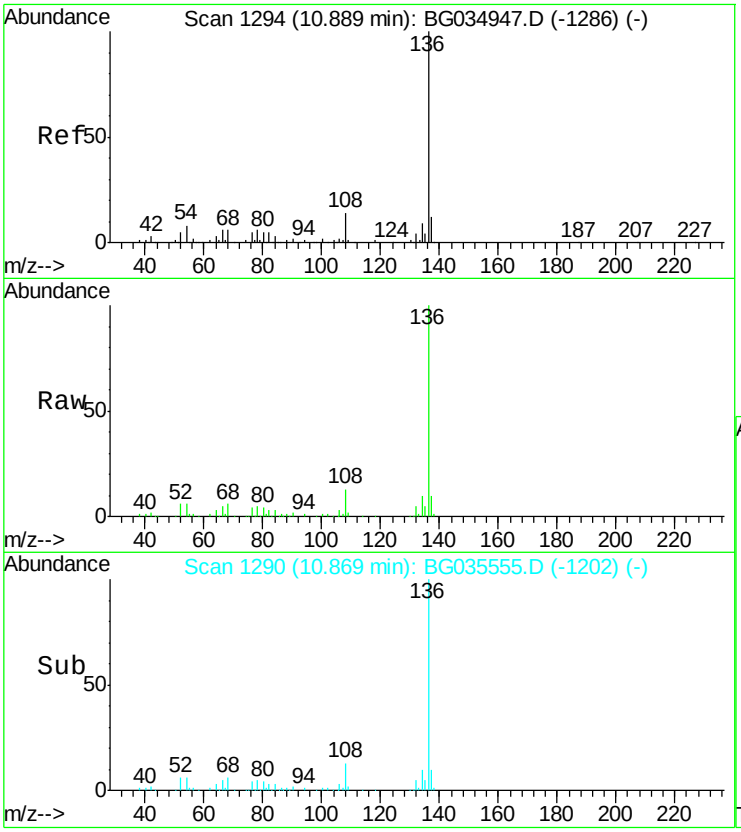


#19
n-Nitroso-di-n-propylamine
Concen: 15.304 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion: 70 Resp: 39092

Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



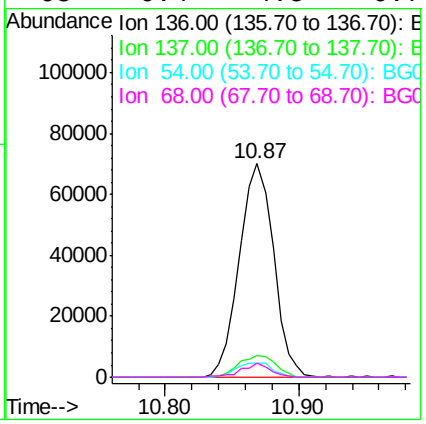


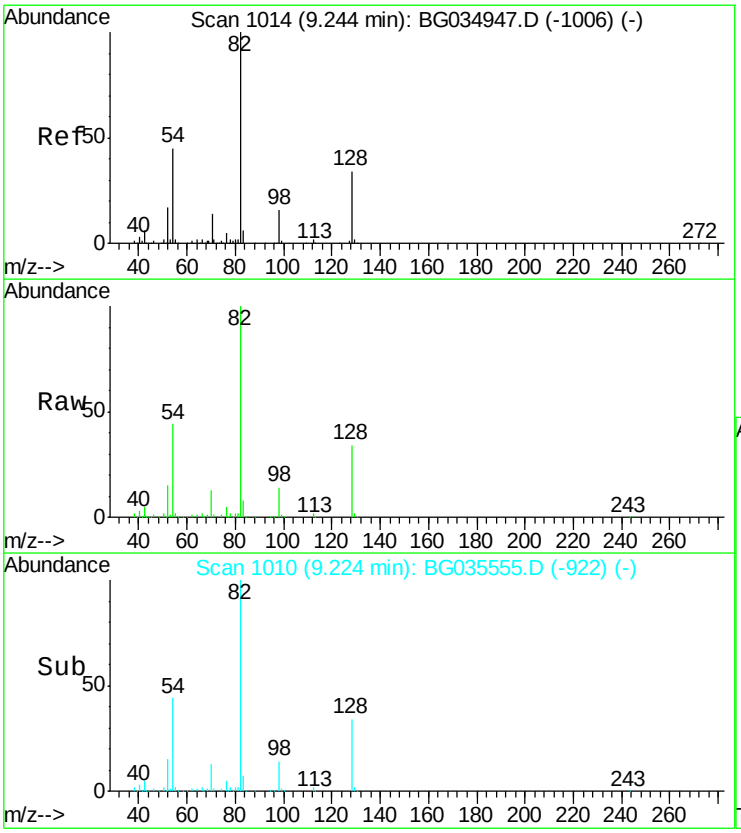
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:136 Resp: 124884

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.4	10.3	15.5#
68	6.4	4.5	6.7

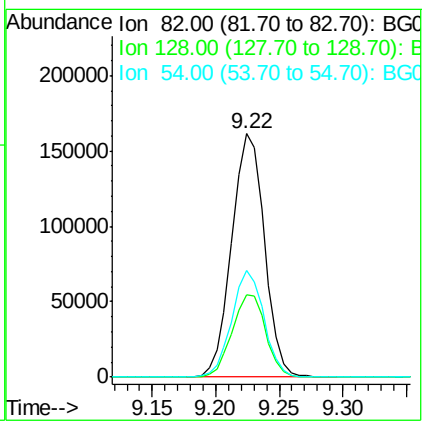


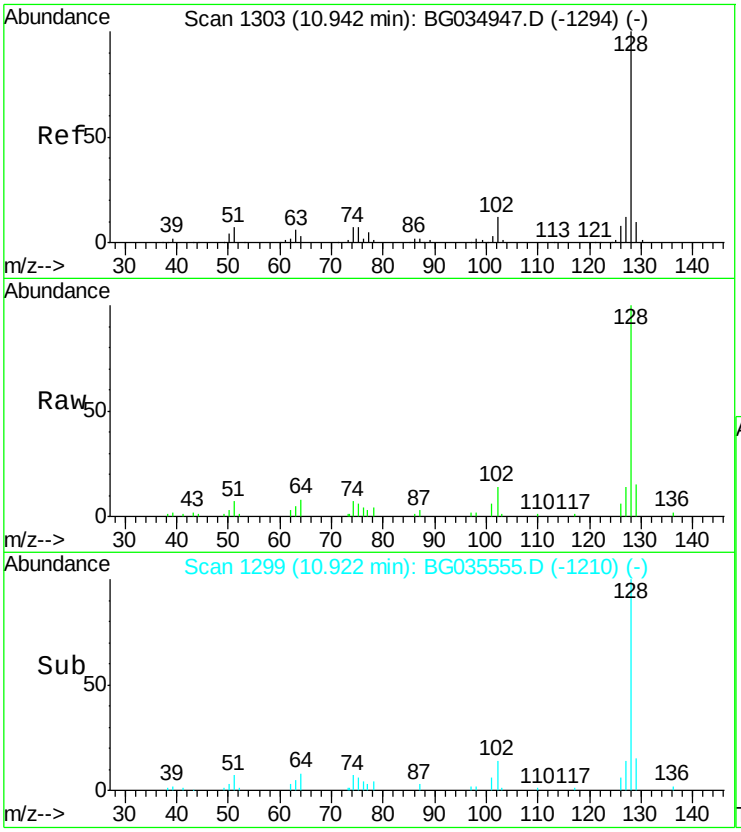


#23
Nitrobenzene-d5
Concen: 110.037 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion: 82 Resp: 289094

Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.6	43.1	64.7



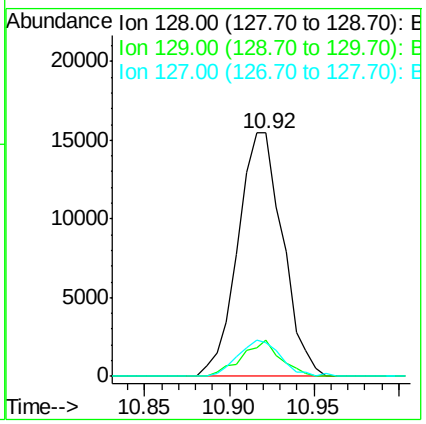


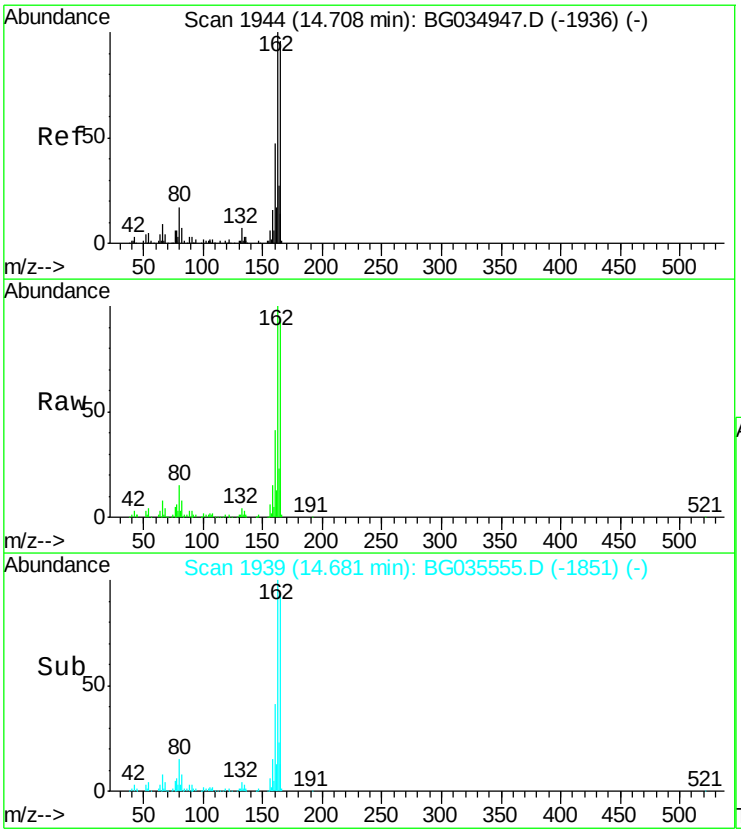
#31
Naphthalene
Concen: 4.389 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:128 Resp: 28472

Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.6	12.8#
127	14.0	11.6	17.4

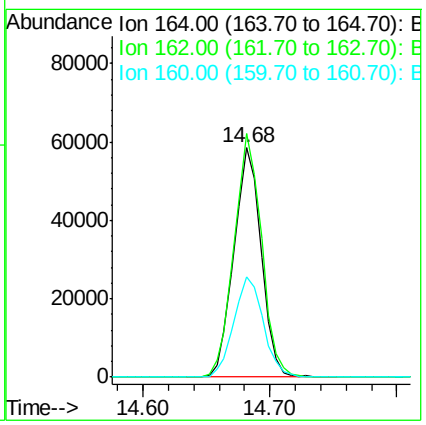


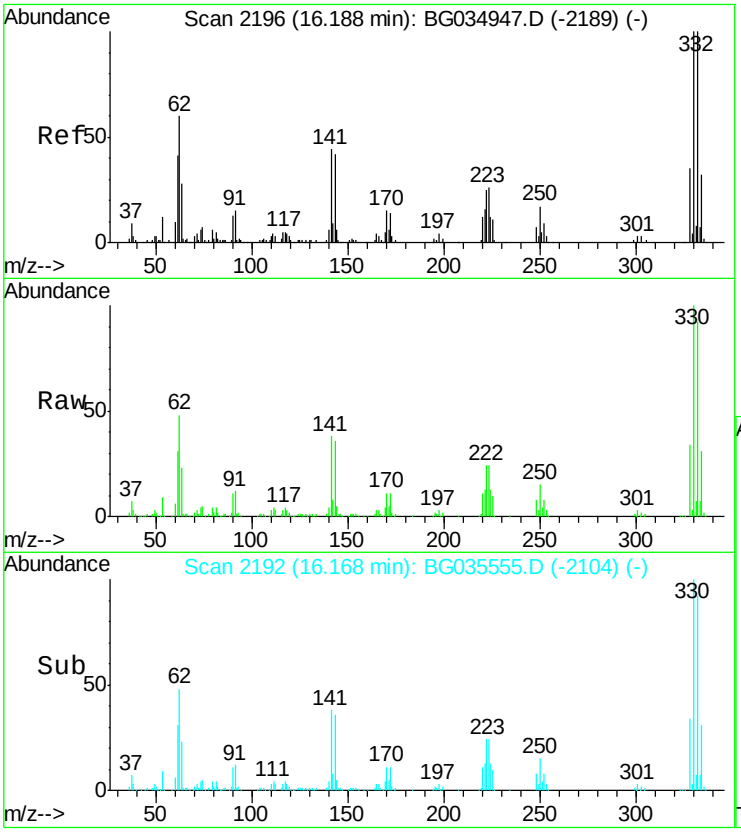


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:164 Resp: 86769

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	43.9	35.4	53.0



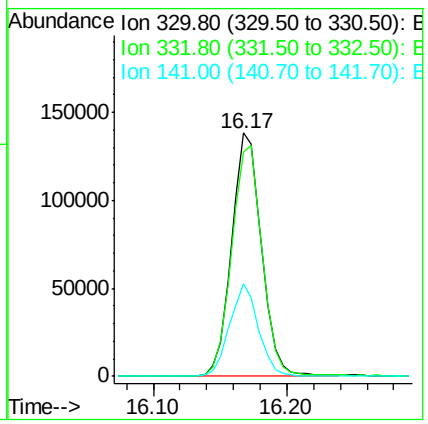


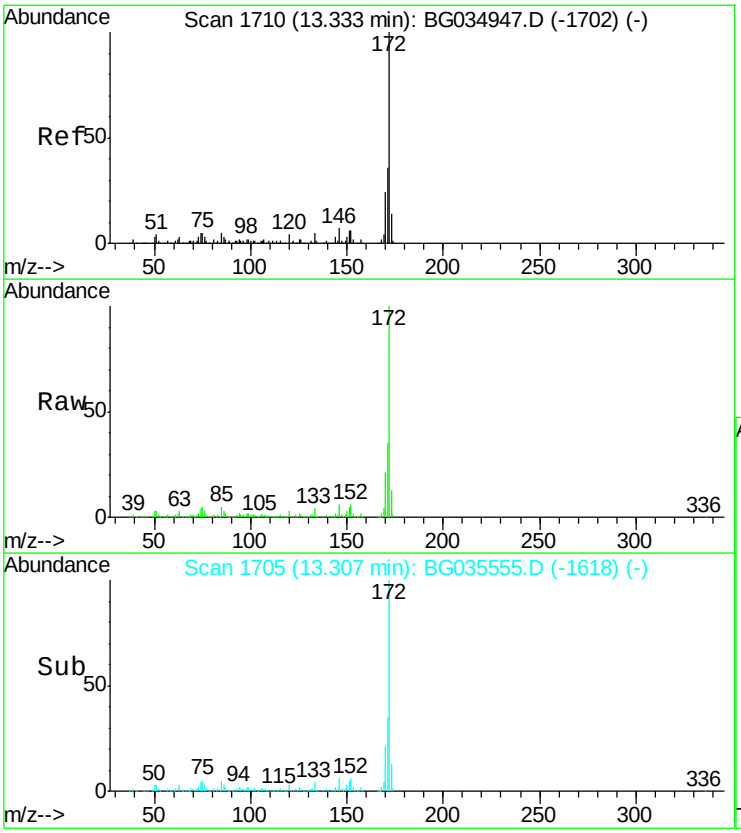
#41
2,4,6-Tribromophenol
Concen: 194.148 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:330 Resp: 215650

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.9	25.2	37.8

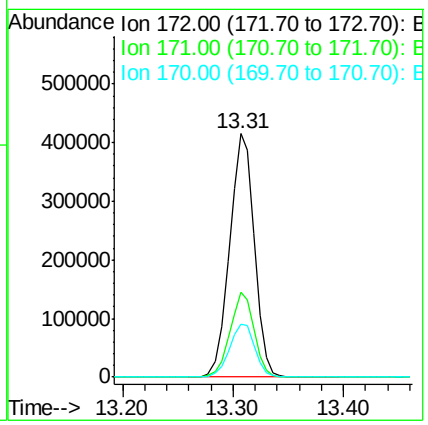


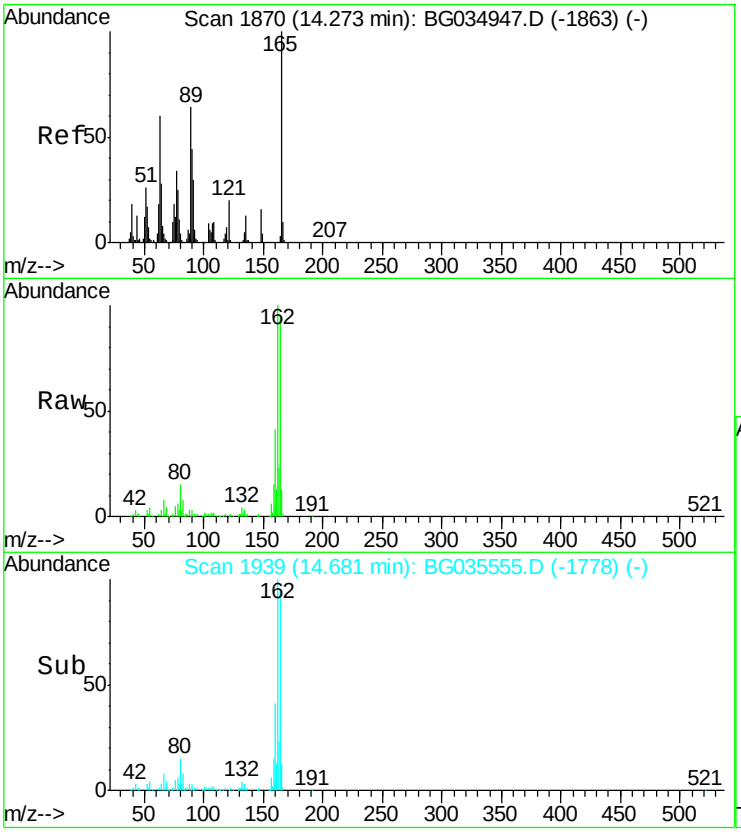


#44
2-Fluorobiphenyl
Concen: 97.360 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:172 Resp: 649835

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	21.5	19.5	29.3



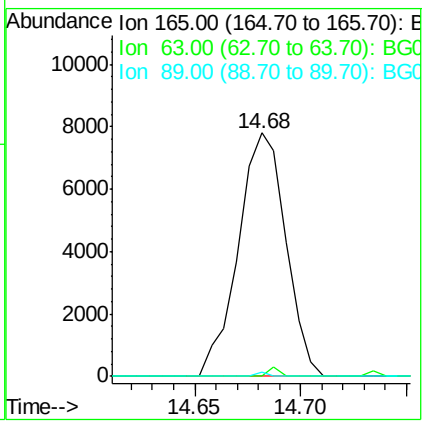


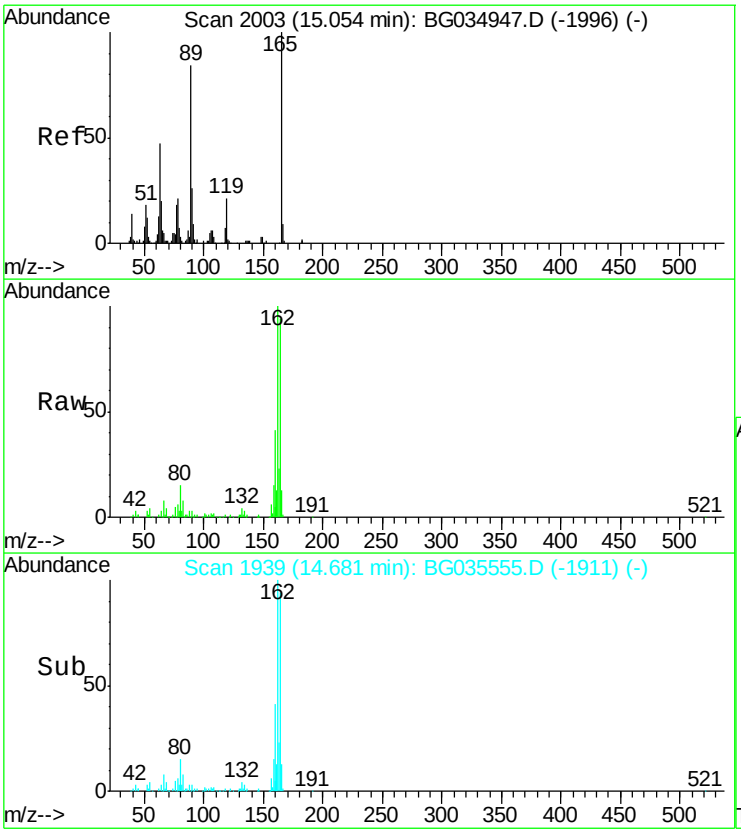
#50
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:165 Resp: 12156

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#

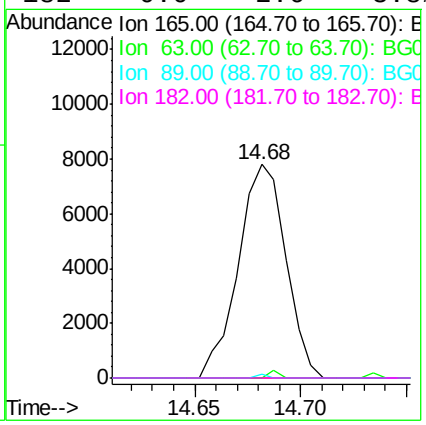


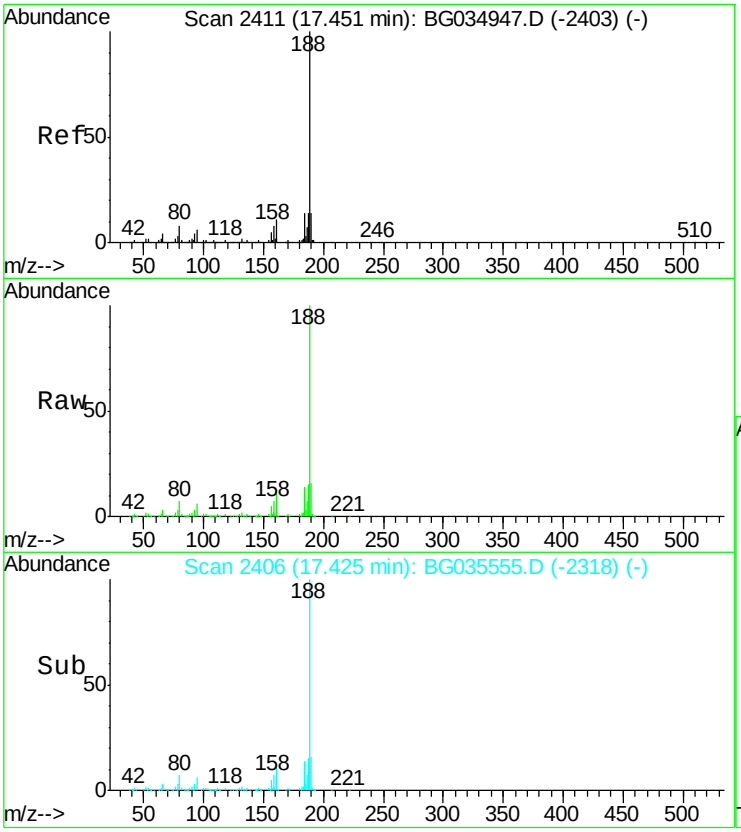


#56
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:165 Resp: 12156

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



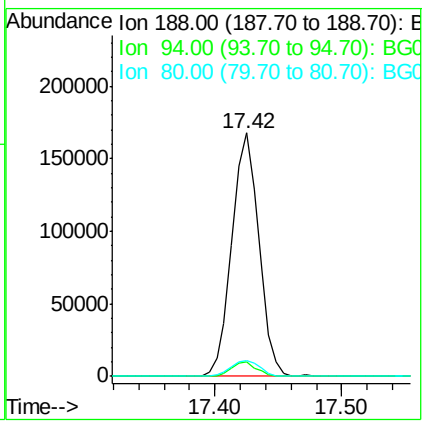


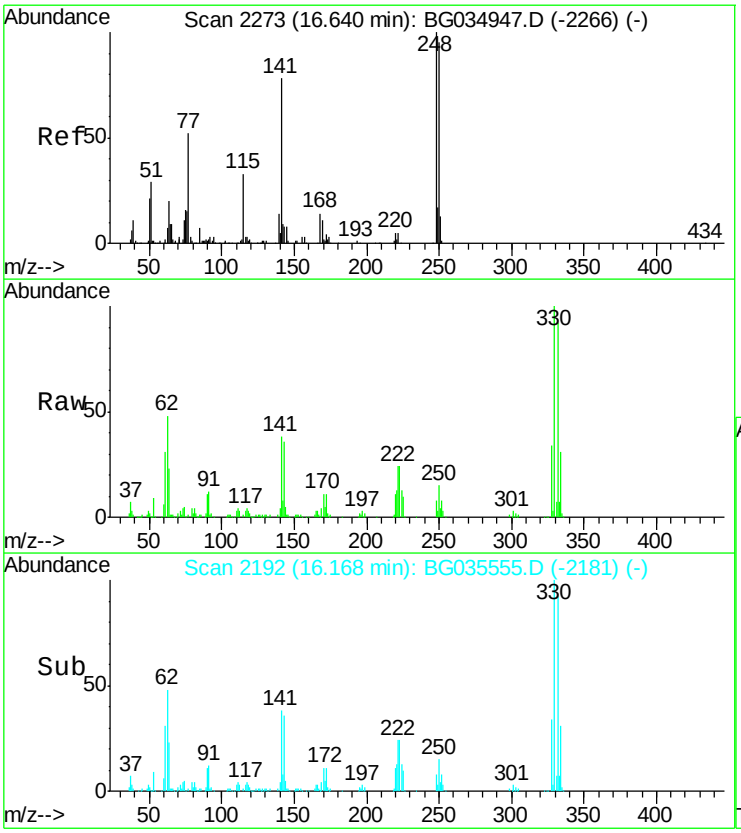
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:188 Resp: 246602

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.5	7.7	11.5#

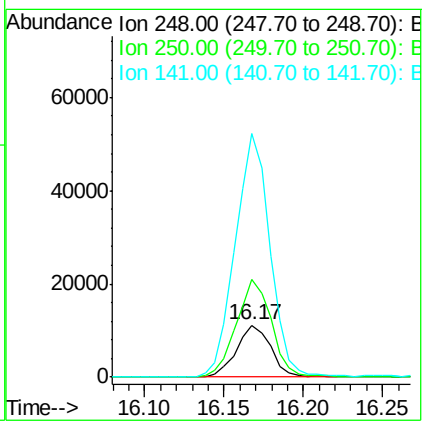


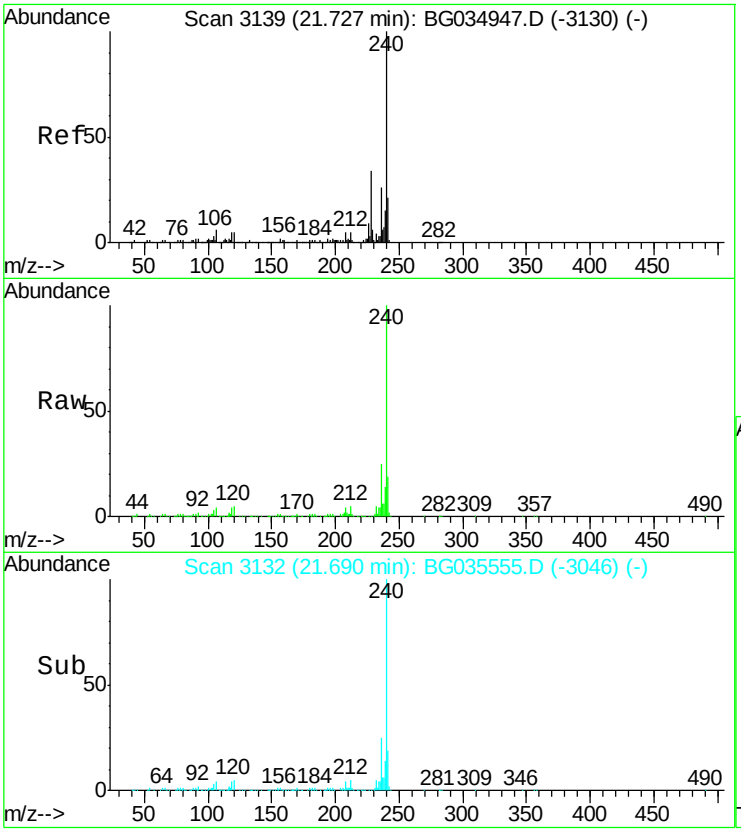


#66
4-Bromophenyl-phenylether
Concen: 5.666 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:248 Resp: 16826

Ion	Ratio	Lower	Upper
248	100		
250	187.9	77.1	115.7#
141	469.9	50.8	76.2#



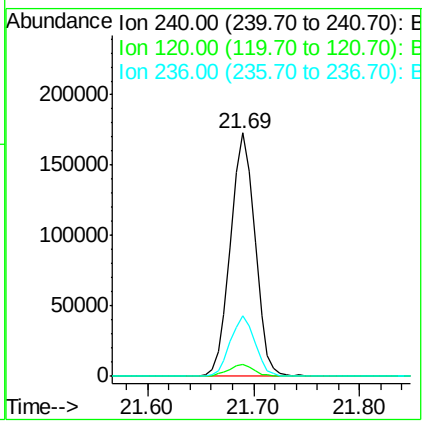


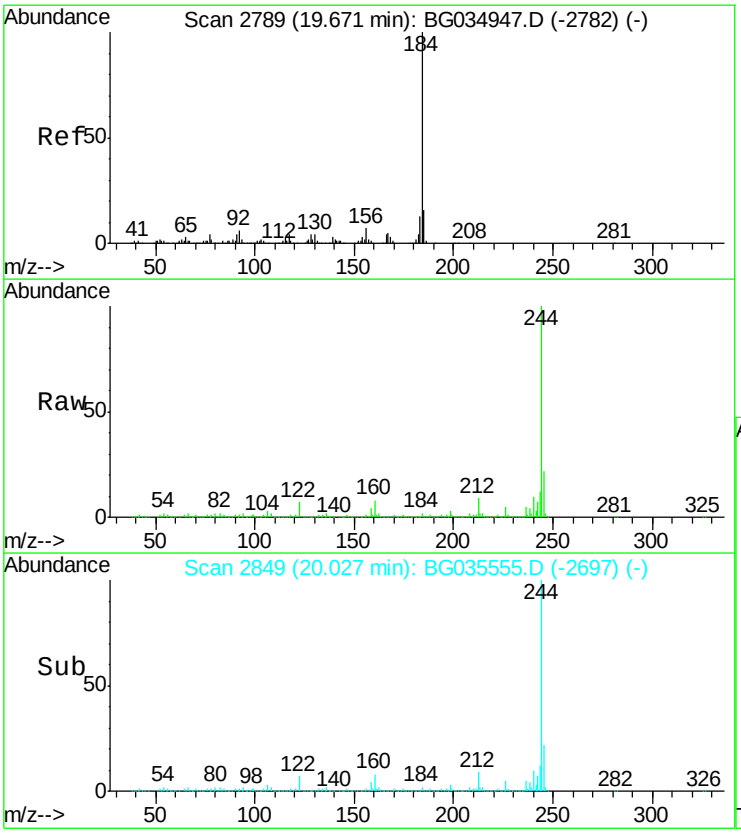
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:240 Resp: 277530

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	25.1	20.9	31.3

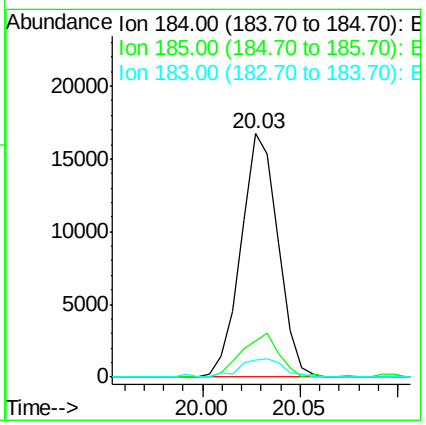


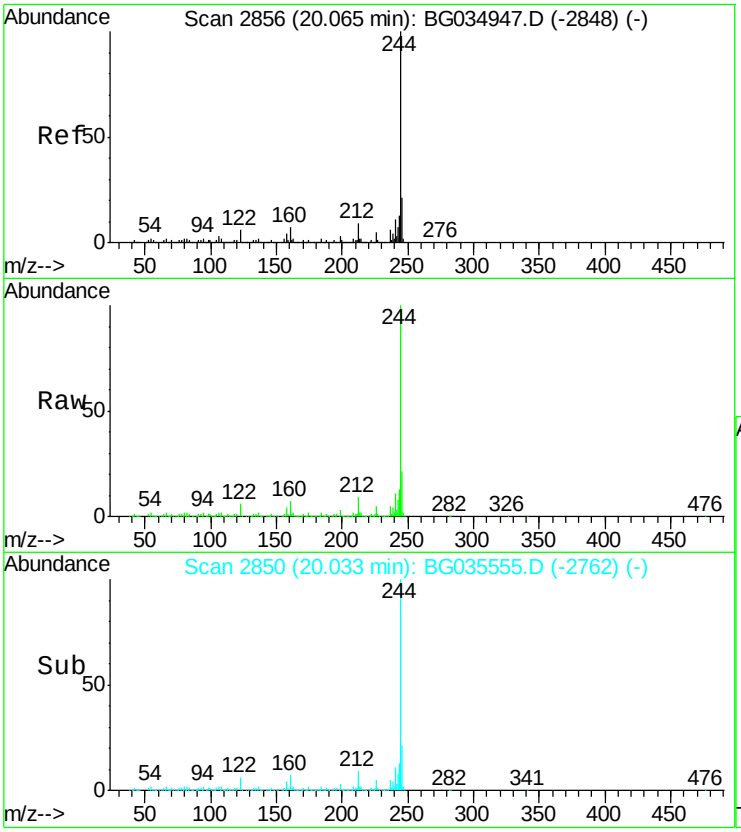


#76
Benzidine
Concen: 2.126 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:184 Resp: 21952

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	7.3	10.6	16.0#



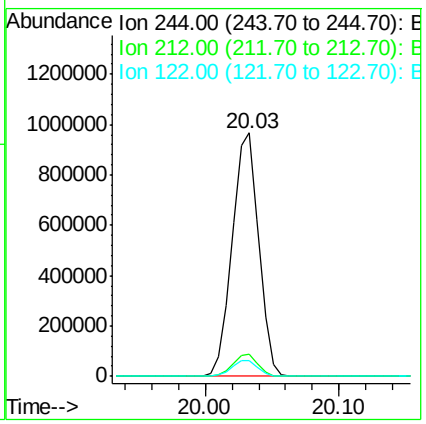


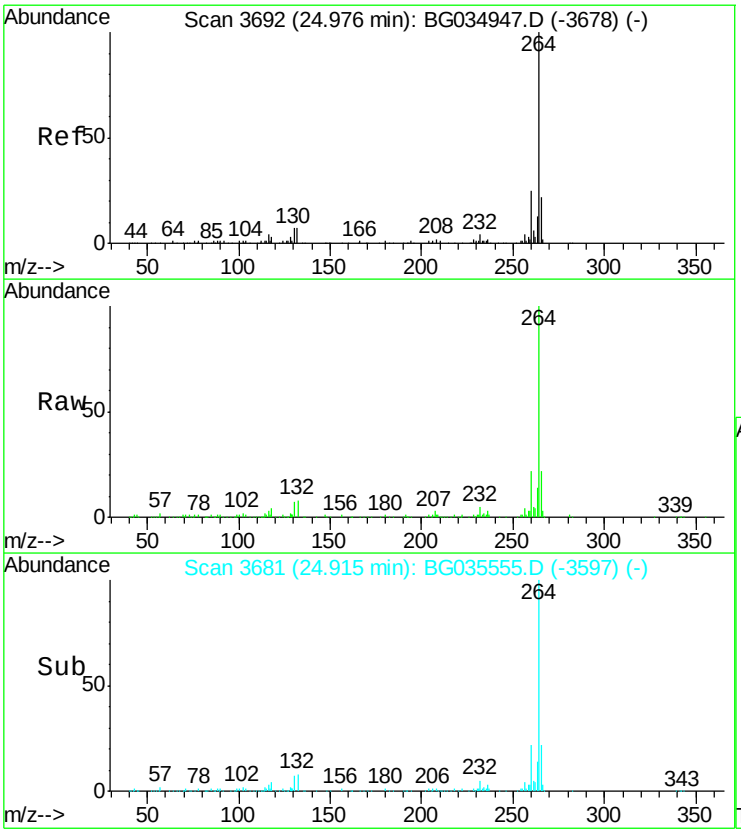
#78
Terphenyl-d14
Concen: 100.769 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-062918

Tgt Ion:244 Resp: 1335124

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035555.D
Acq: 2 Jul 2018 17:41

Tgt Ion:264 Resp: 265763

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.2	17.7	26.5