Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034133.D
Acq On : 3 May 2018 1:53
Operator : SJ/JU
Sample : J2652-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 03 04:49:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68299	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	256116	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	211510	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	578399	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	664447	20.00	ng	-0.01
86) Perylene-d12	25.04	264	698972	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	580427	137.30	ng	0.00
7) Phenol-d6	7.22	99	783592	119.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	694451	104.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	459735	156.97	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1418493	97.72	ng	-0.01
78) Terphenyl-d14	20.08	244	2732719	90.10	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1331	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	9.24	70	110152	18.64	ng	# 75
32) Benzoic acid	10.14	122	54	3.13	ng	# 33
50) 2,6-Dinitrotoluene	14.71	165	27364	7.77	ng	# 21
56) 2,4-Dinitrotoluene	14.71	165	27364	5.72	ng	# 19
66) 4-Bromophenyl-phenylether	16.20	248	41015	5.71	ng	# 1
76) Benzidine	19.69	184	215778	12.61	ng	98

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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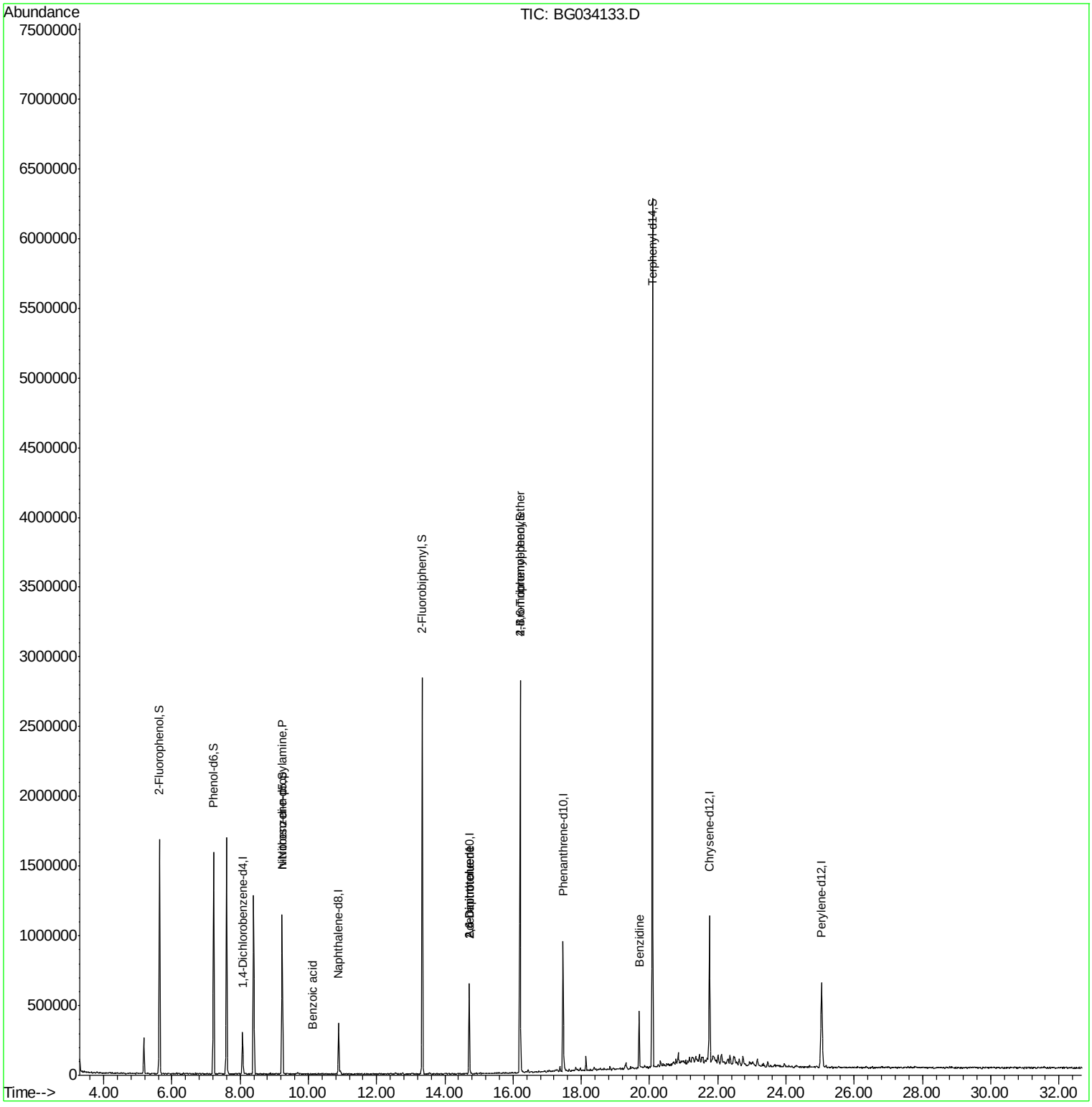
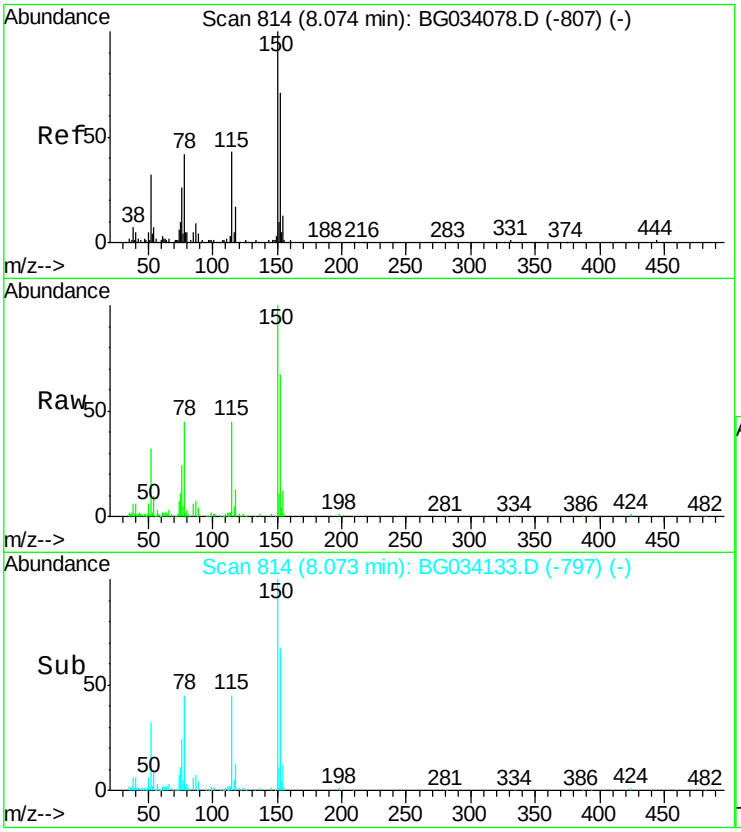


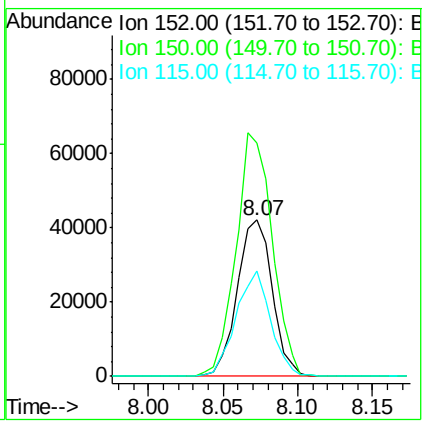


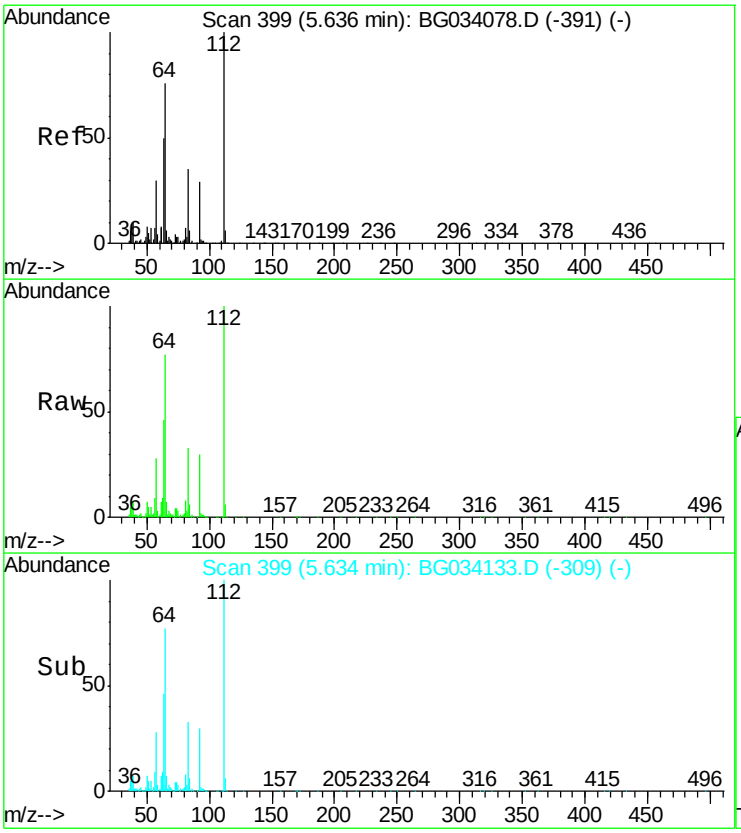
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68299

Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.6	189.8
115	67.3	53.0	79.4

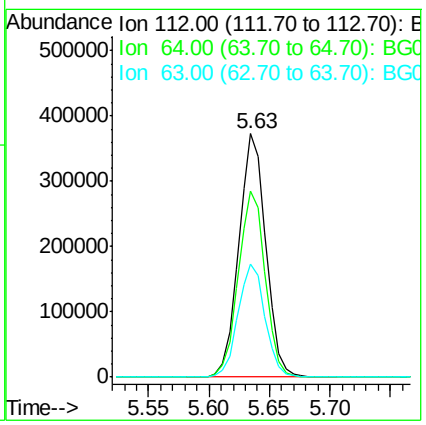


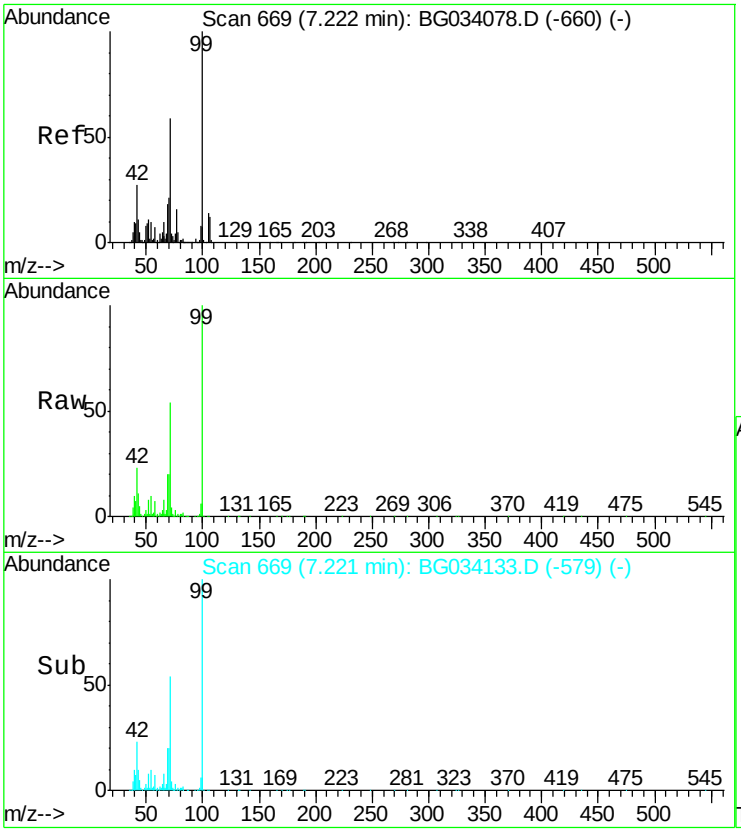


#5
2-Fluorophenol
Concen: 137.30 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:112 Resp: 580427

Ion	Ratio	Lower	Upper
112	100		
64	76.6	56.3	84.5
63	46.3	30.1	45.1#



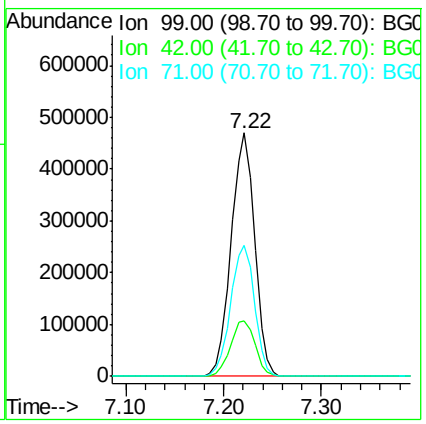


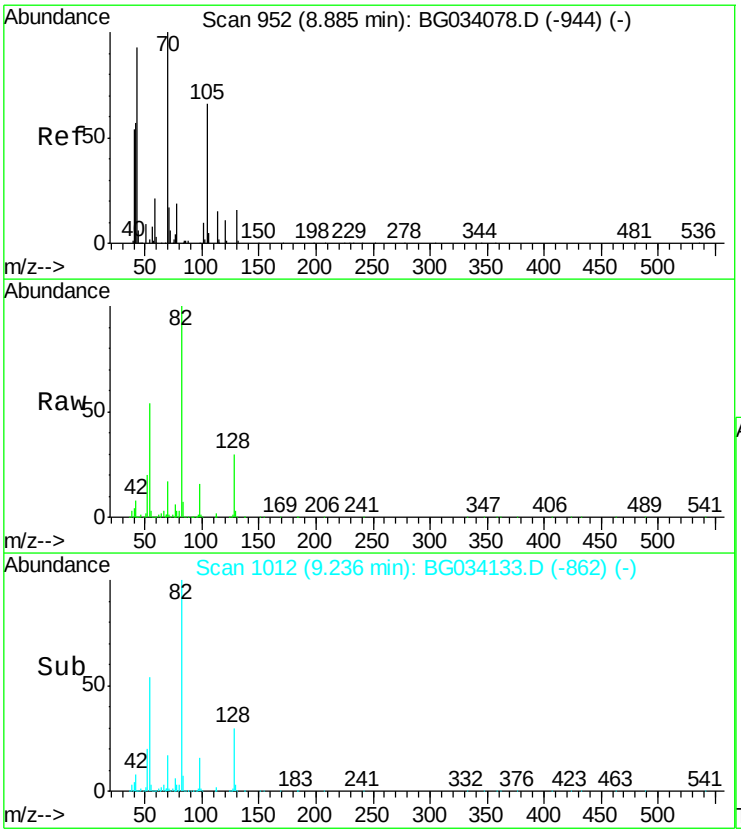
#7
Phenol-d6
Concen: 119.06 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 783592

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.1	21.1#
71	54.0	26.1	39.1#

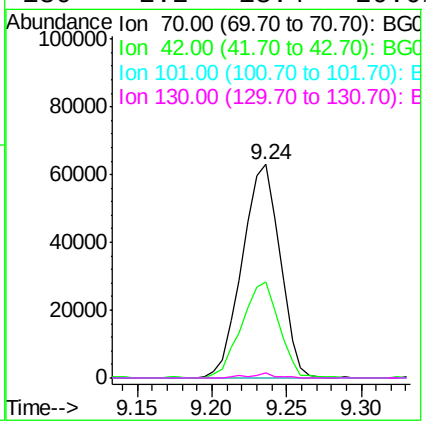


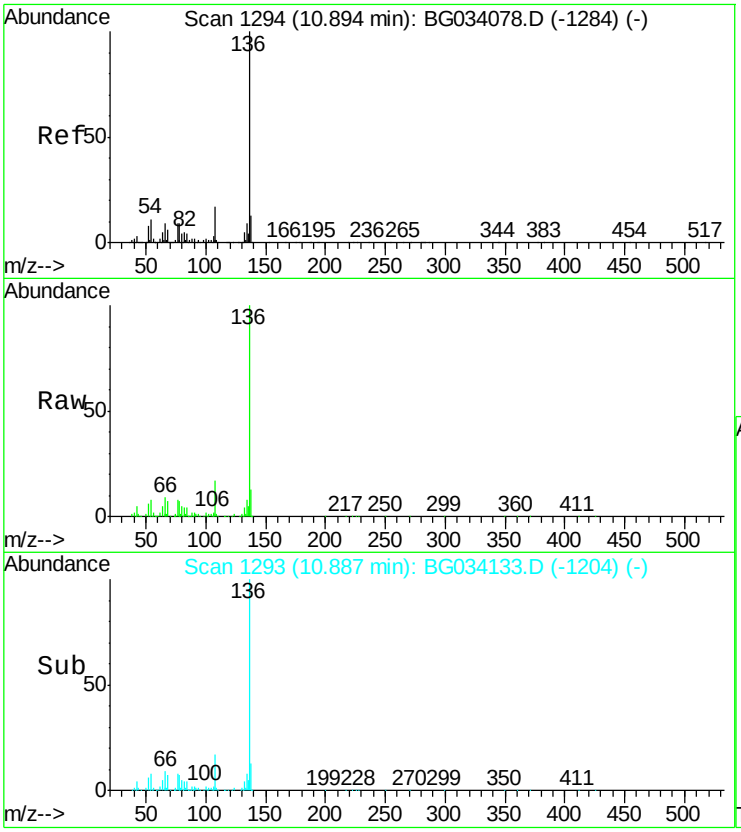


#19
n-Nitroso-di-n-propylamine
Concen: 18.64 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.35 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion: 70 Resp: 110152

Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



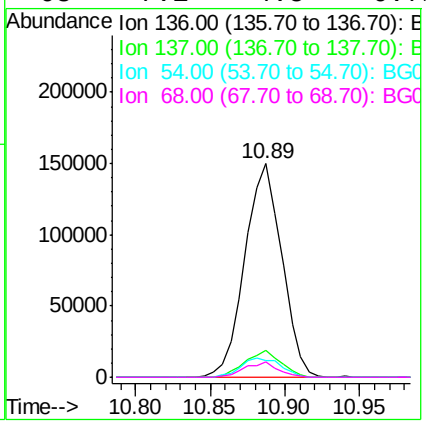


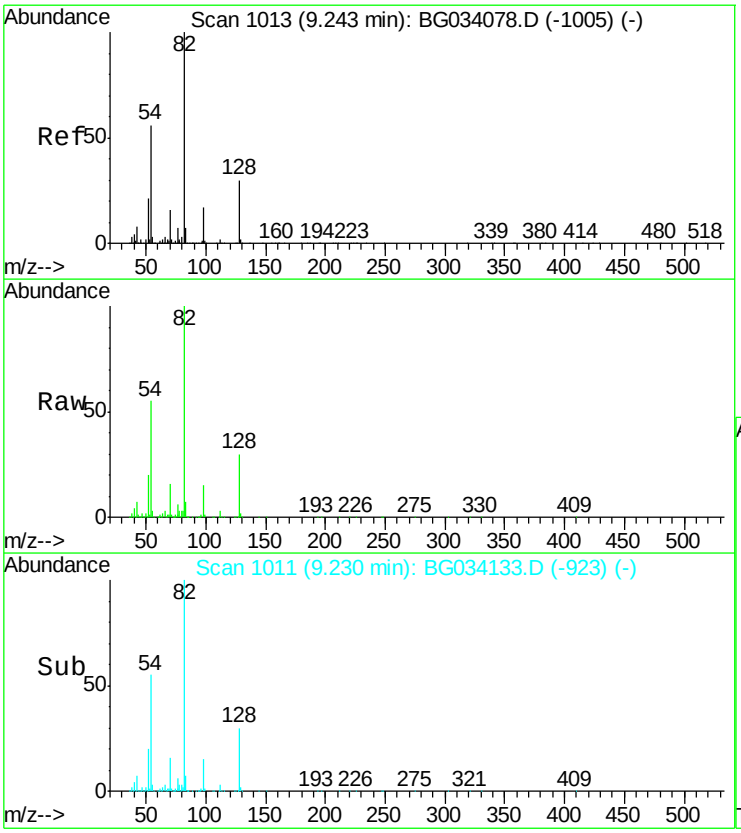
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 256116

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	7.8	10.3	15.5#
68	7.1	4.5	6.7#

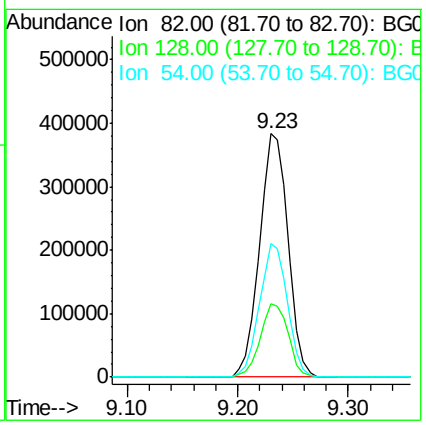


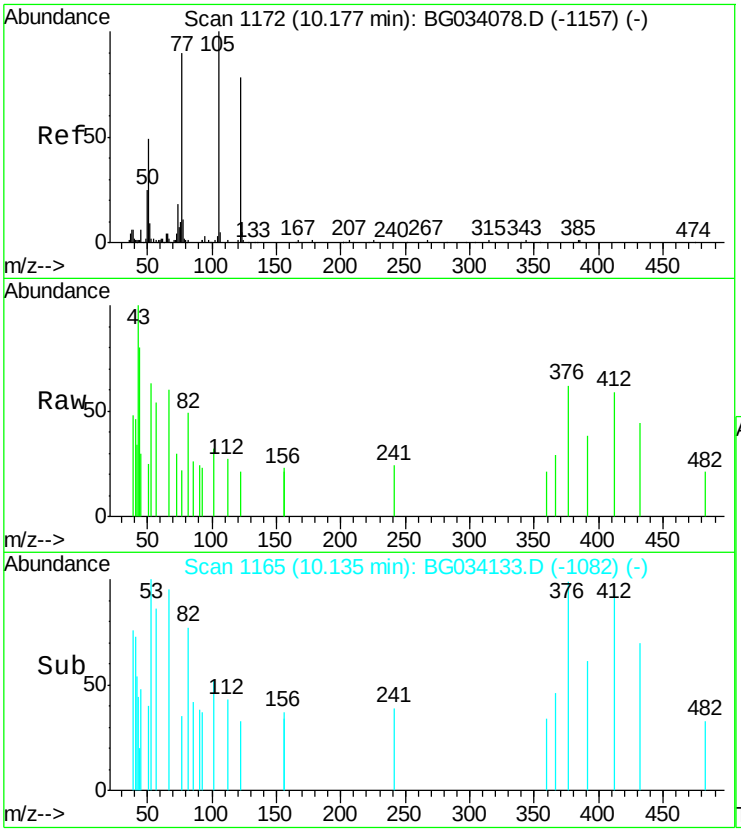


#23
Nitrobenzene-d5
Concen: 104.03 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion: 82 Resp: 694451

Ion	Ratio	Lower	Upper
82	100		
128	30.3	29.7	44.5
54	55.0	43.1	64.7



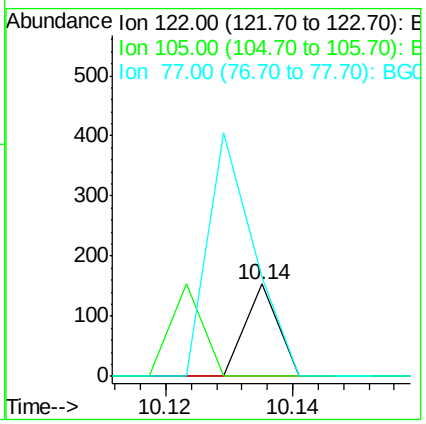


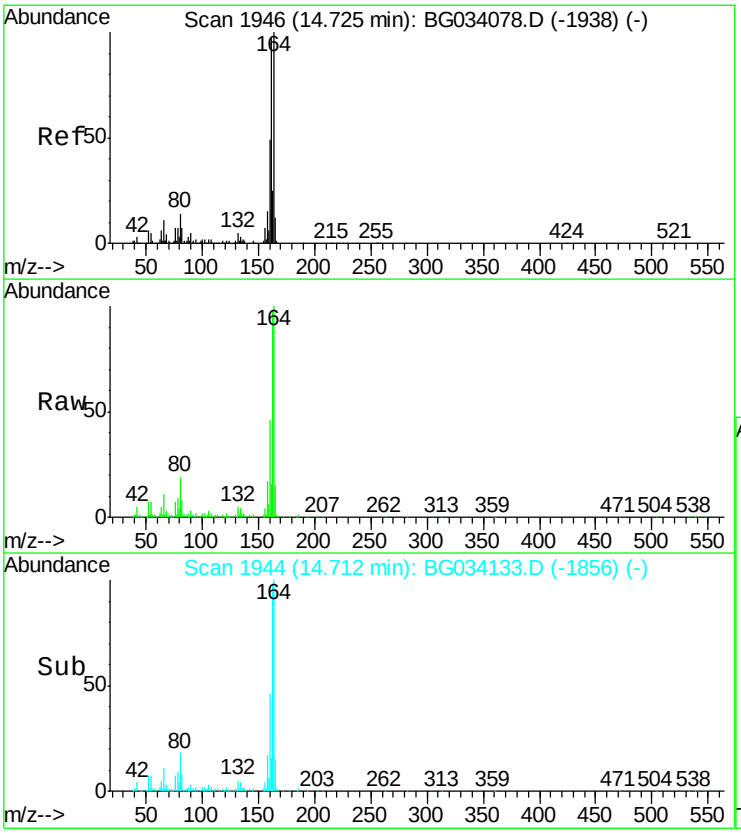
#32
Benzoic acid
Concen: 3.13 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	106.5	85.7	125.7

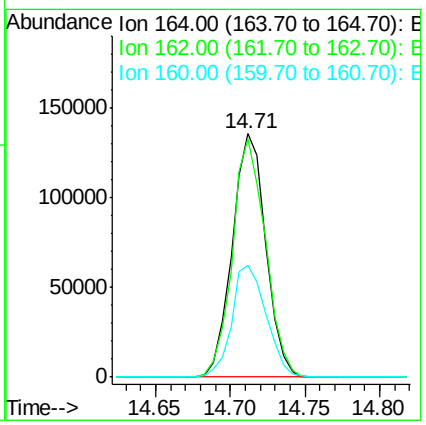


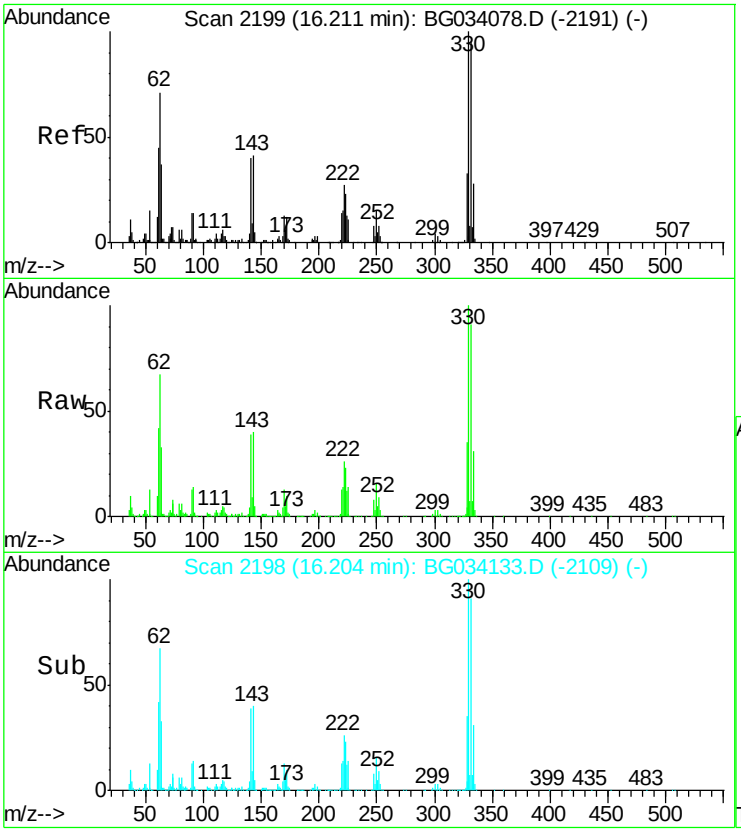


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:164 Resp: 211510

Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.8	118.2
160	46.0	35.4	53.0



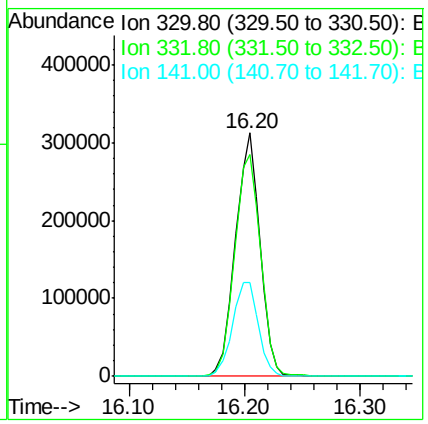


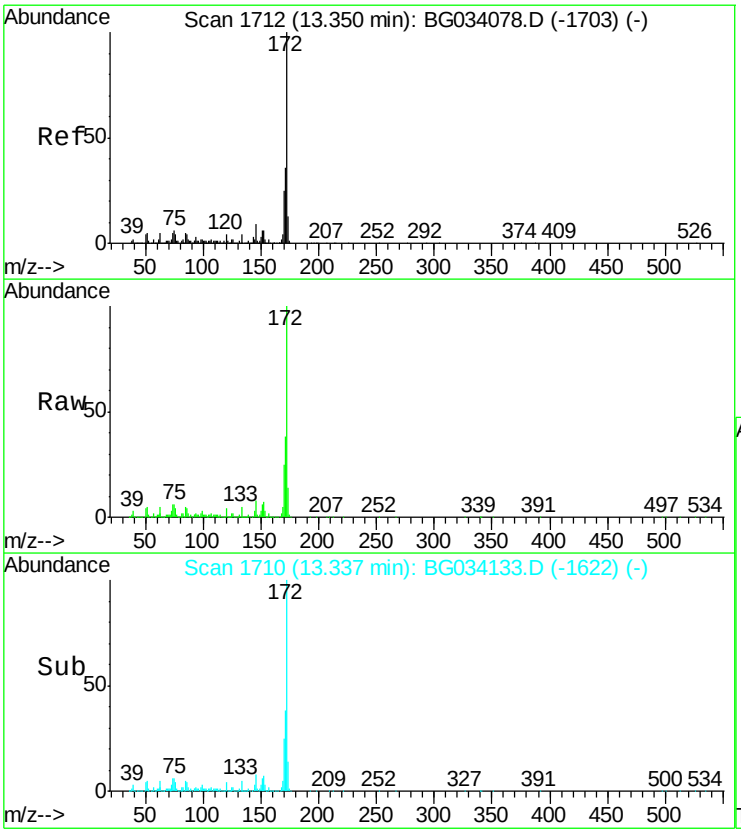
#41
2,4,6-Tribromophenol
Concen: 156.97 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 459735

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.9	25.2	37.8#

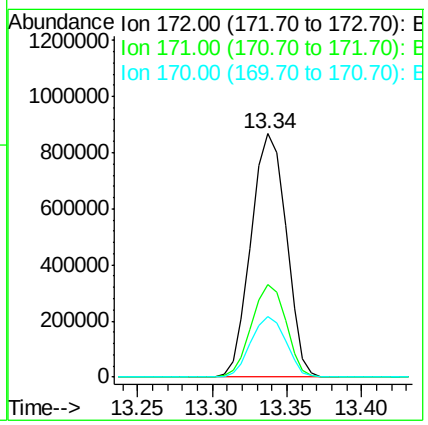


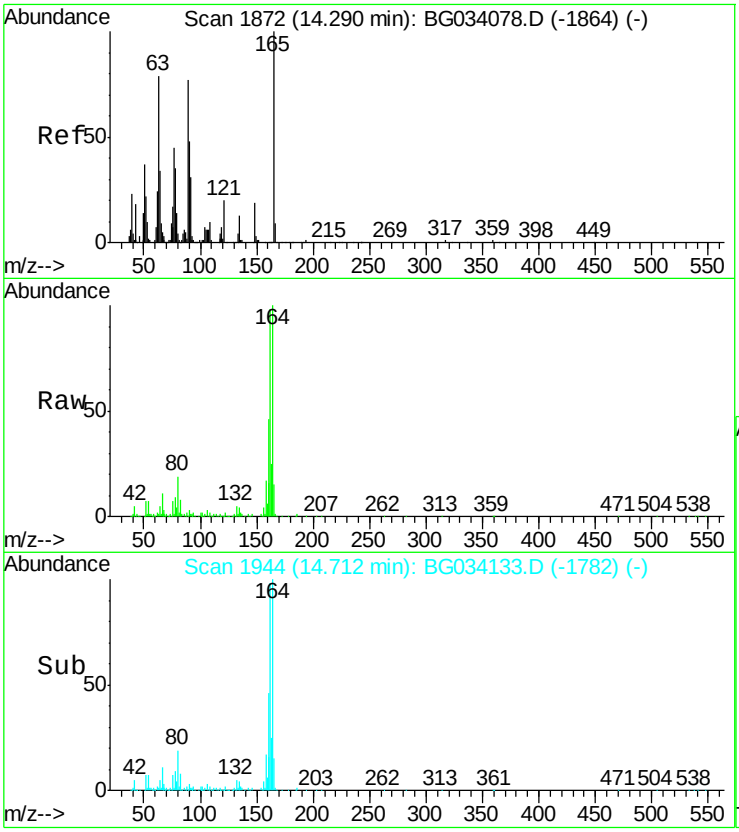


#44
2-Fluorobiphenyl
Concen: 97.72 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:172 Resp: 1418493

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.9	19.5	29.3



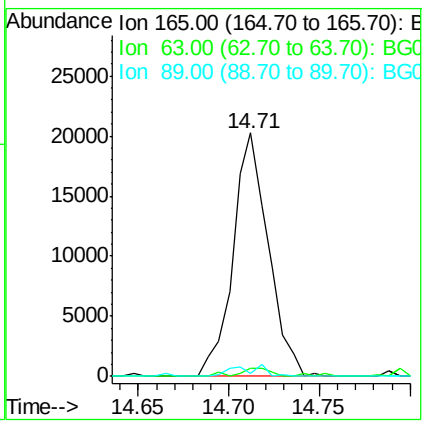


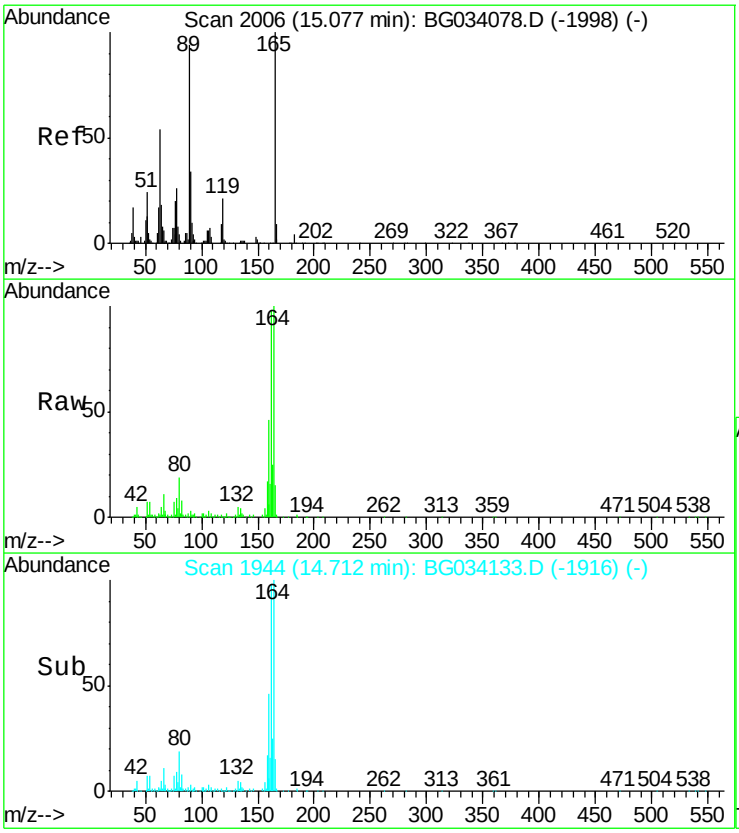
#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 27364

Ion	Ratio	Lower	Upper
165	100		
63	3.5	52.7	79.1#
89	1.2	49.2	73.8#

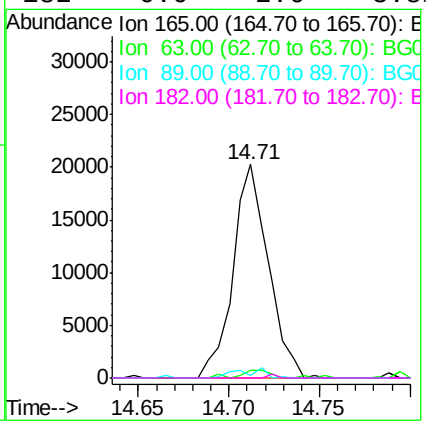


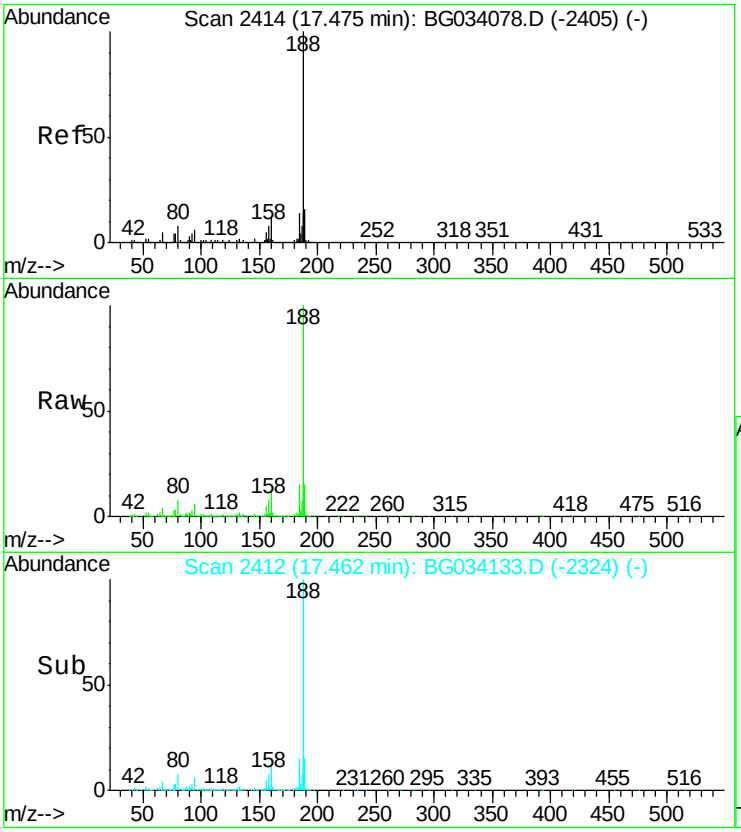


#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:165 Resp: 27364

Ion	Ratio	Lower	Upper
165	100		
63	3.5	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#



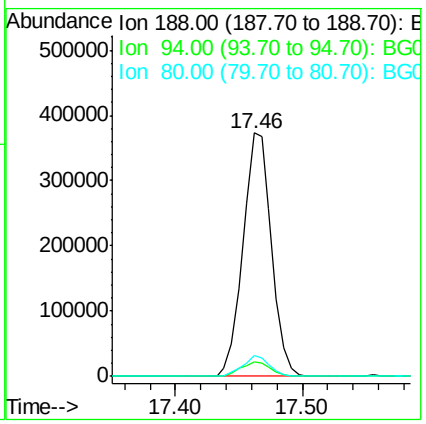


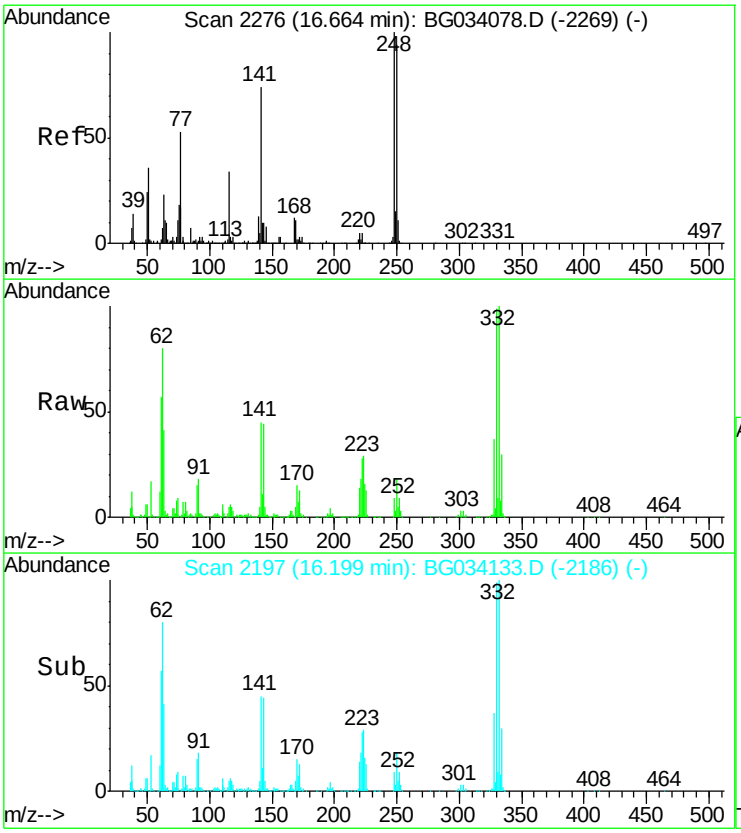
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 578399

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.4	7.7	11.5

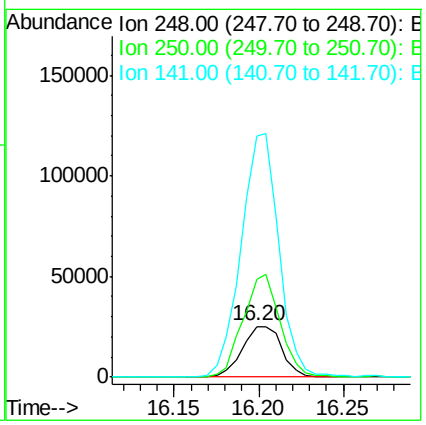


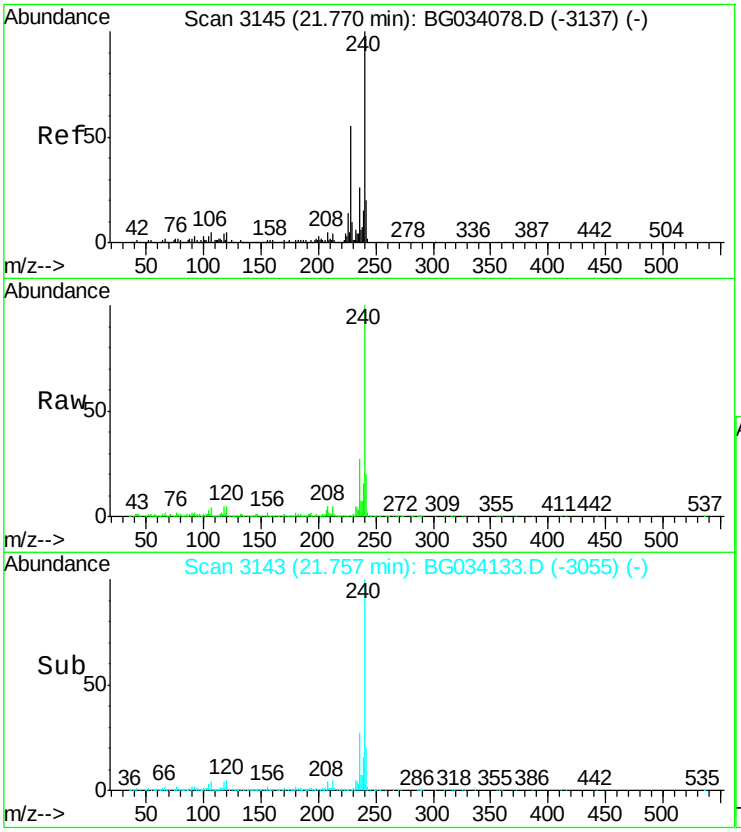


#66
4-Bromophenyl-phenylether
Concen: 5.71 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.47 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:248 Resp: 41015

Ion	Ratio	Lower	Upper
248	100		
250	192.9	77.1	115.7#
141	475.8	50.8	76.2#



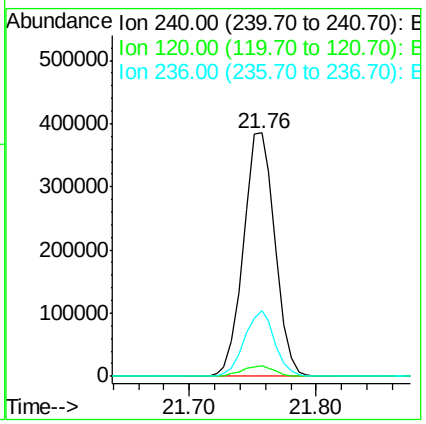


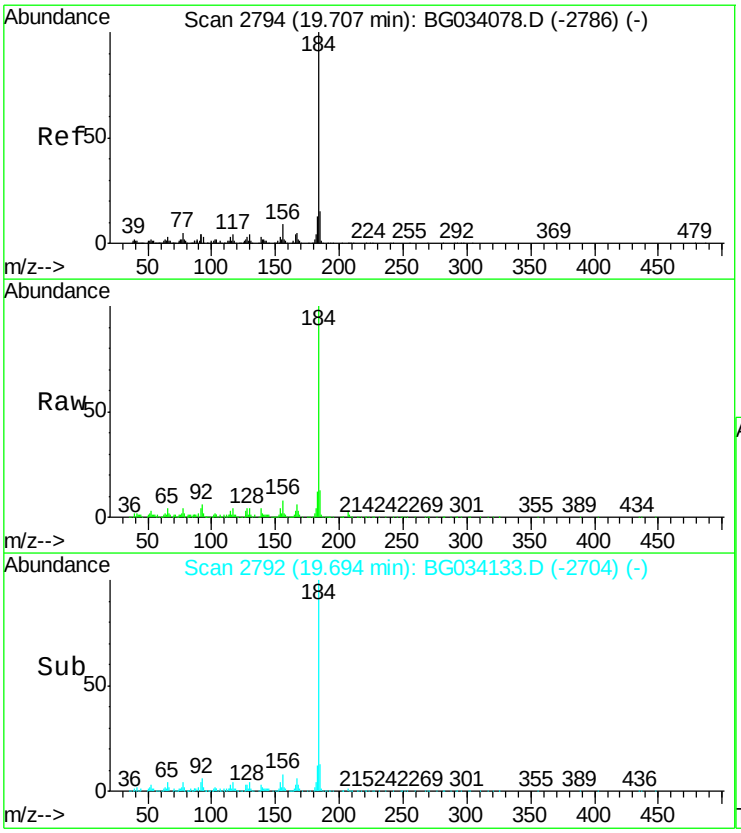
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 664447

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	27.1	20.9	31.3

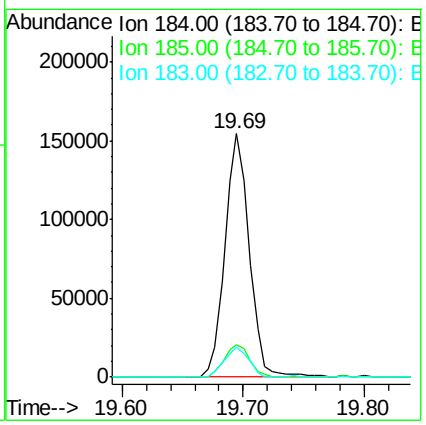


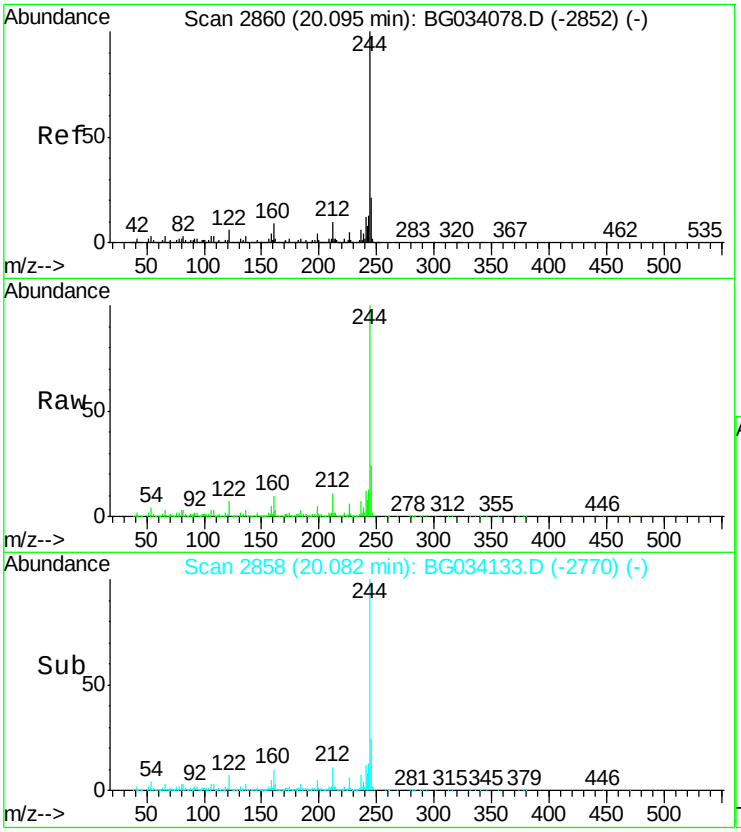


#76
Benzidine
Concen: 12.61 ng
RT: 19.69 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:184 Resp: 215778

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.1	16.7
183	12.2	10.6	16.0



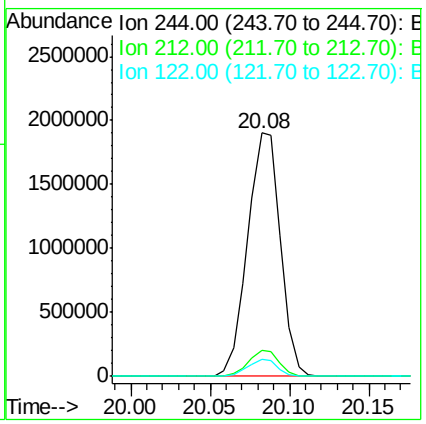


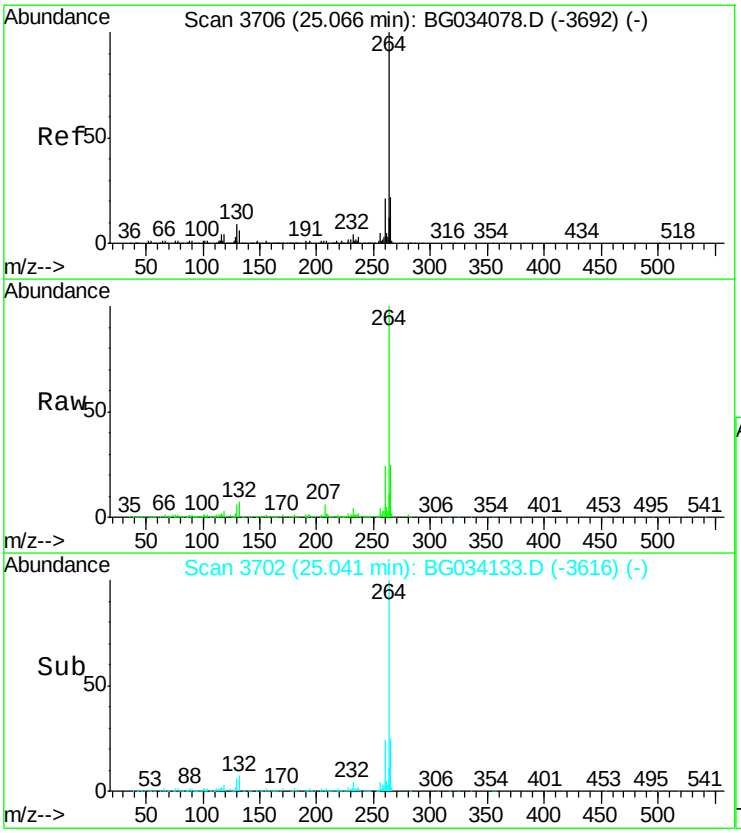
#78
Terphenyl-d14
Concen: 90.10 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2732719

Ion	Ratio	Lower	Upper
244	100		
212	10.9	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion:264 Resp: 698972

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	25.3	17.7	26.5