Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
Data File : BG035214.D
Acq On : 18 Jun 2018 12:01
Operator : SJ/JU
Sample : J3505-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-56-COMP

Quant Time: Jun 18 16:20:39 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	8.06	152	58730	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	208201	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	143579	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	411902	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	438237	20.00	ng		-0.03
86) Perylene-d12	24.91	264	433662	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	473500	136.06	ng		0.00
7) Phenol-d6	7.22	99	615962	119.92	ng		0.00
23) Nitrobenzene-d5	9.22	82	496850	113.44	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	349853	190.35	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1089359	98.63	ng		-0.02
78) Terphenyl-d14	20.03	244	2109375	100.82	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	65754	15.068	ng	#	67
31) Naphthalene	10.91	128	41775	3.862	ng		99
50) 2,6-Dinitrotoluene	14.68	165	20154	8.823	ng	#	23
56) 2,4-Dinitrotoluene	14.68	165	20154	6.642	ng	#	20
66) 4-Bromophenyl-phenylether	16.17	248	27666	5.577	ng	#	1
76) Benzidine	20.04	184	36934	2.265	ng	#	89

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

Quantitation Report (Not Reviewed)

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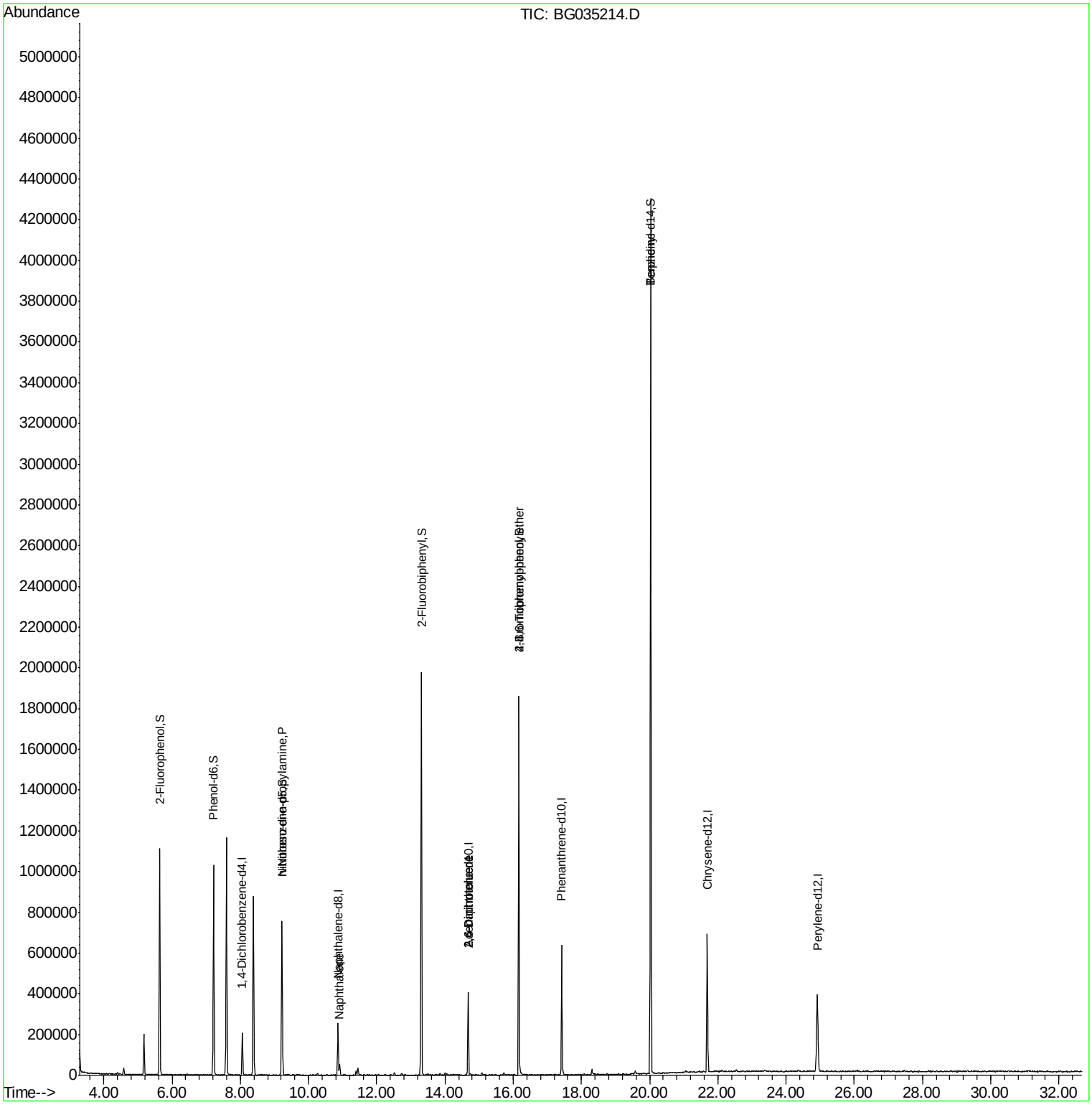
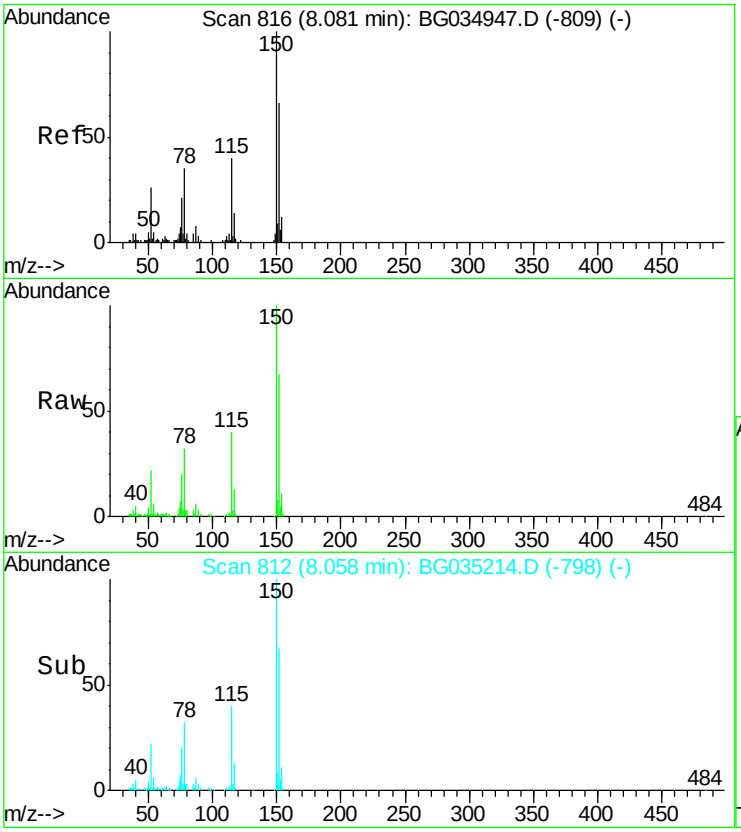


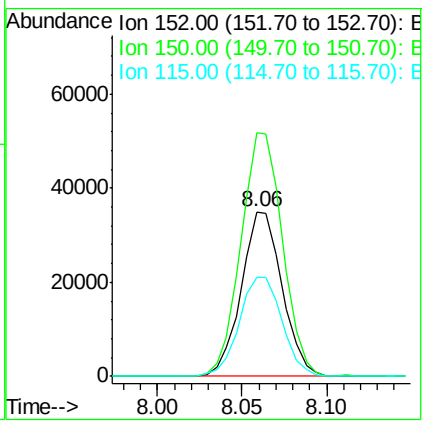


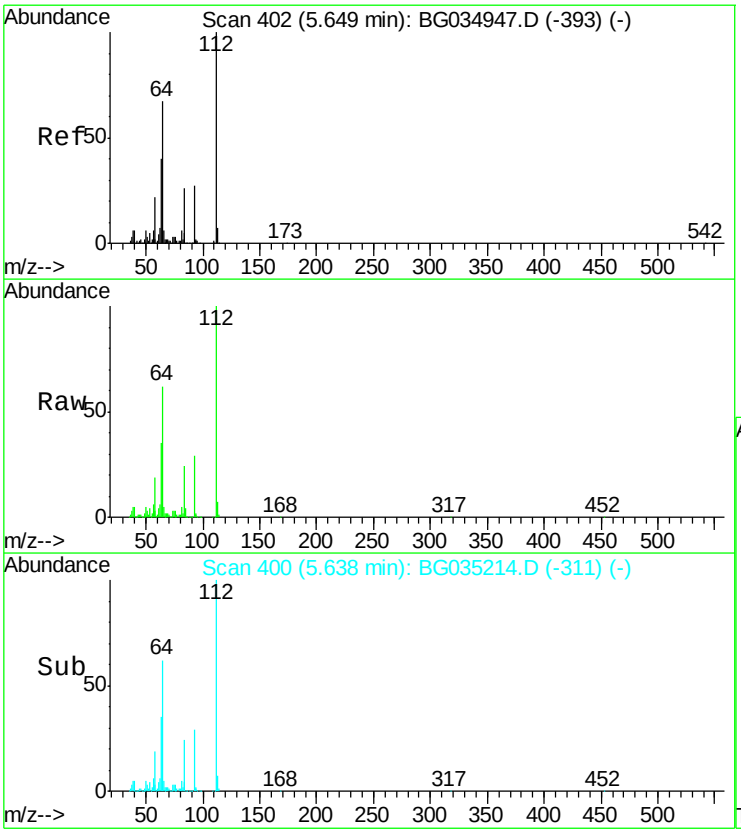
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:152 Resp: 58730

Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	59.9	53.0	79.4

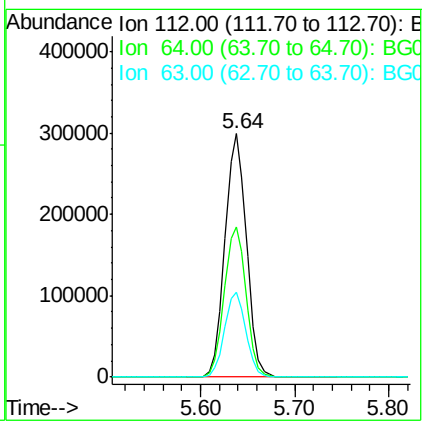


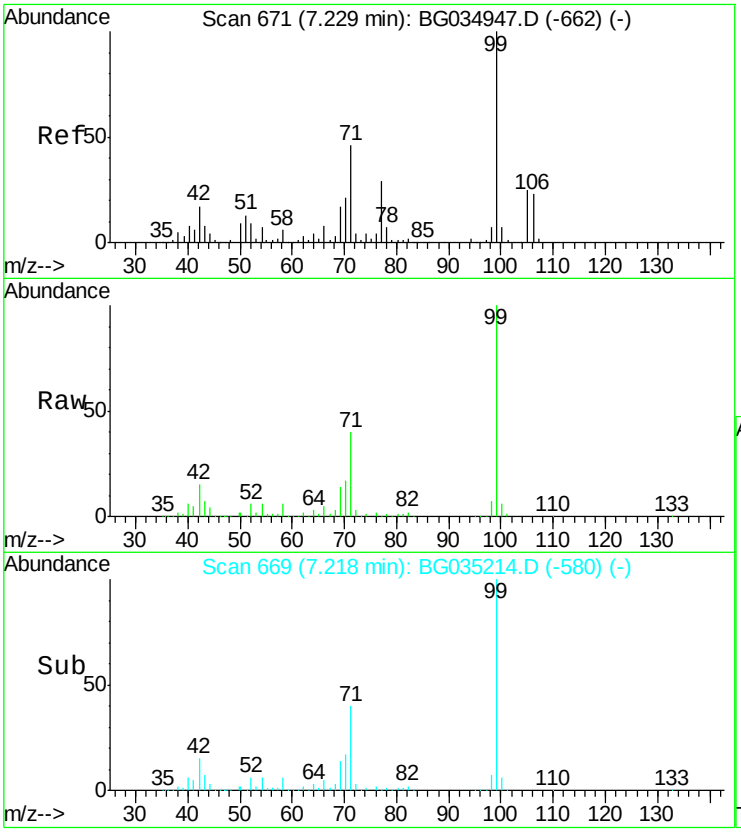


#5
2-Fluorophenol
Concen: 136.060 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:112 Resp: 473500

Ion	Ratio	Lower	Upper
112	100		
64	61.9	56.3	84.5
63	34.9	30.1	45.1



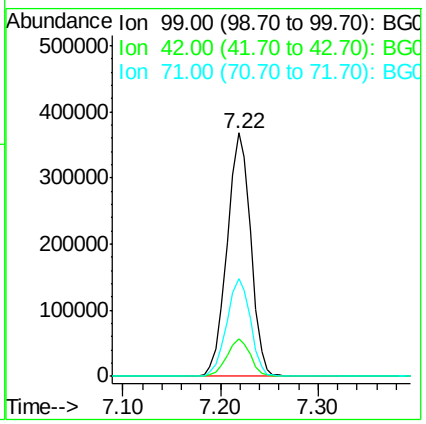


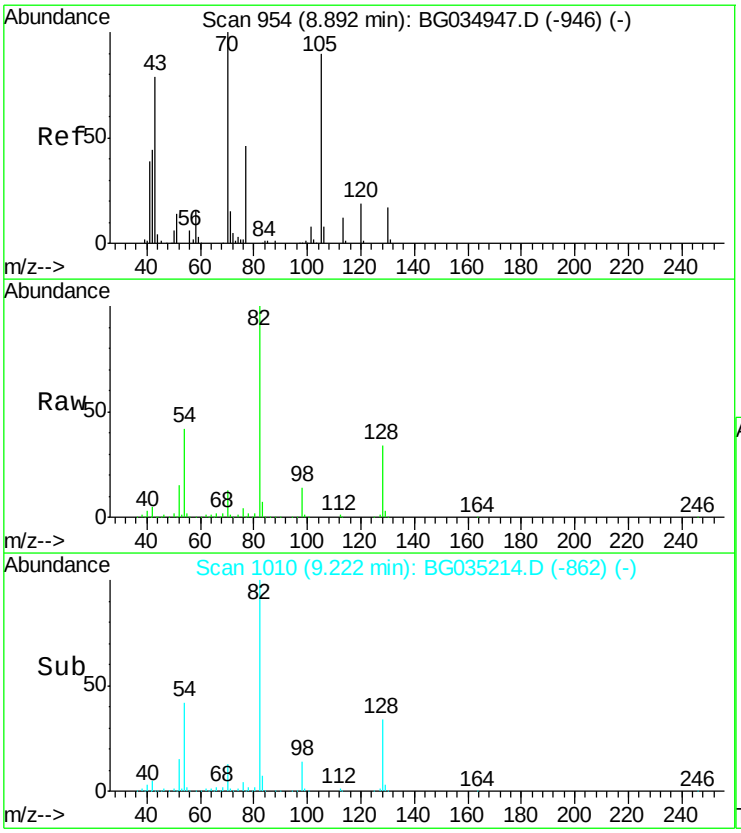
#7
Phenol-d6
Concen: 119.921 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion: 99 Resp: 615962

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	40.4	26.1	39.1#

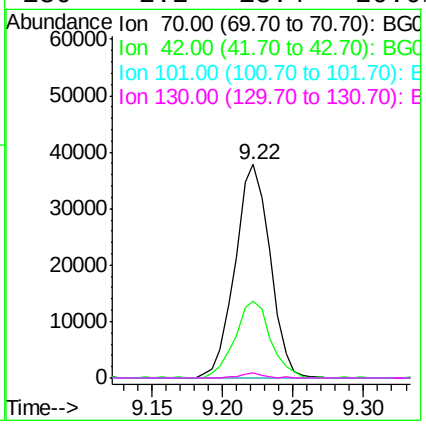


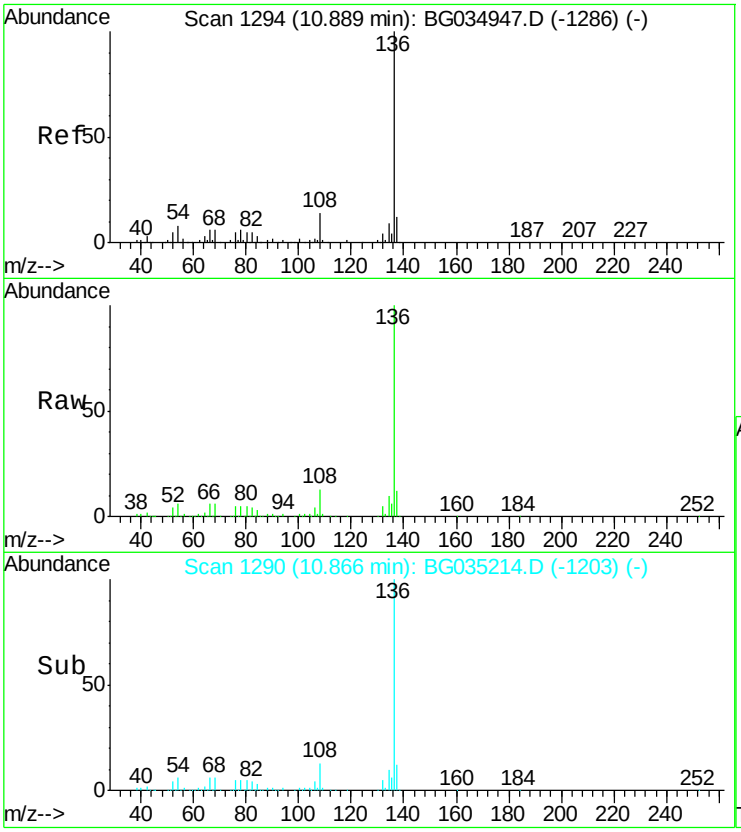


#19
n-Nitroso-di-n-propylamine
Concen: 15.068 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion: 70 Resp: 65754

Ion	Ratio	Lower	Upper
70	100		
42	36.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



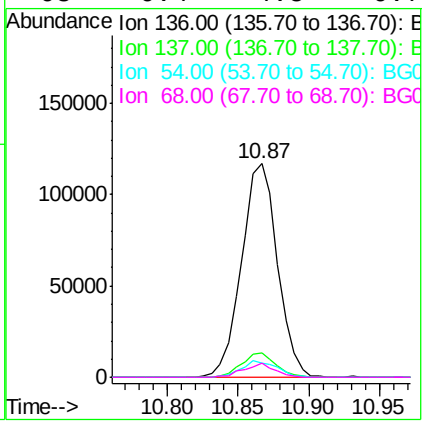


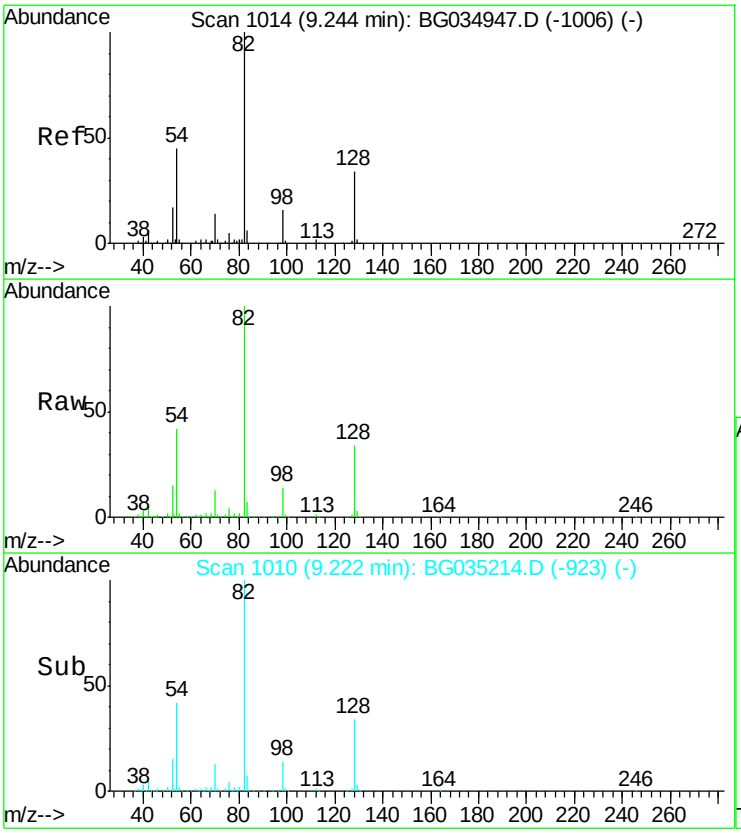
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:136 Resp: 208201

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.3	10.3	15.5#
68	6.4	4.5	6.7

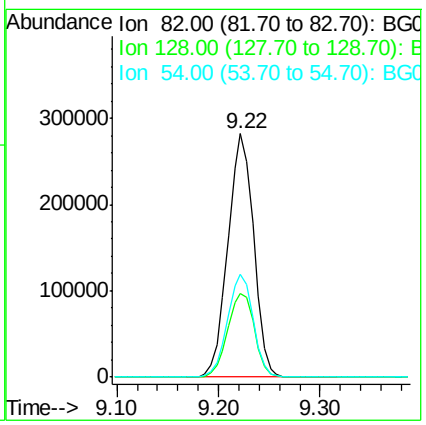


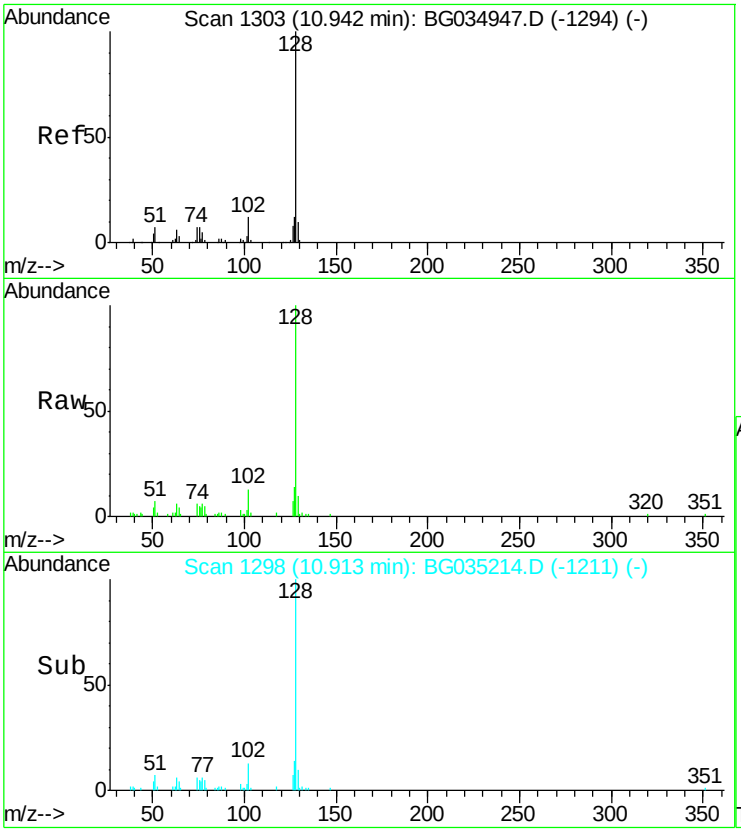


#23
Nitrobenzene-d5
Concen: 113.436 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion: 82 Resp: 496850

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.3	43.1	64.7#



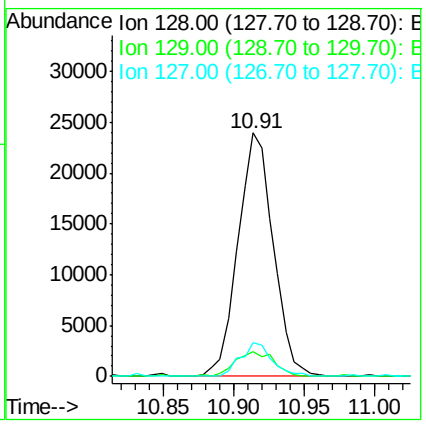


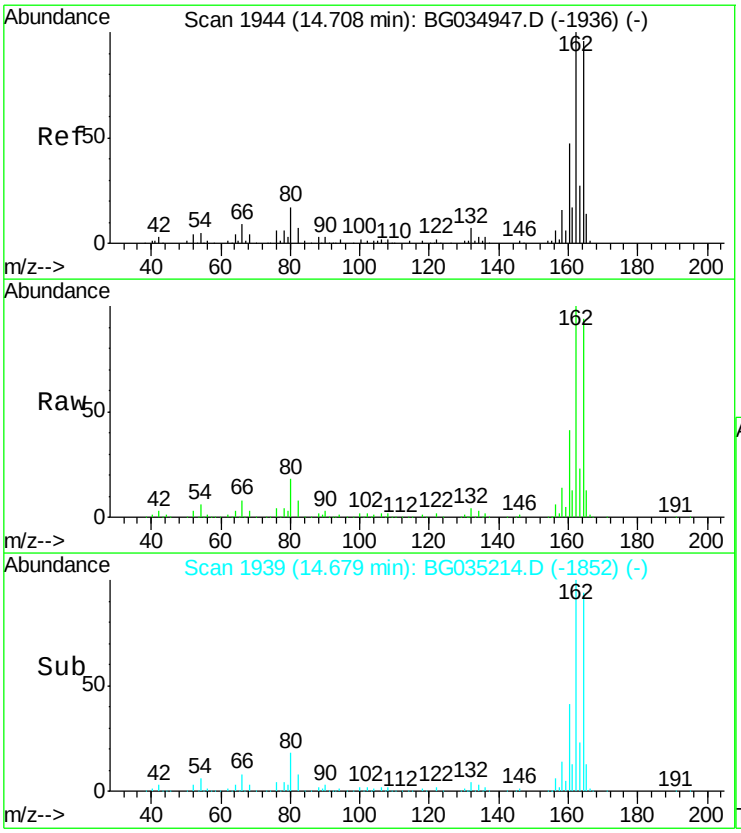
#31
Naphthalene
Concen: 3.862 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:128 Resp: 41775

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	14.0	11.6	17.4

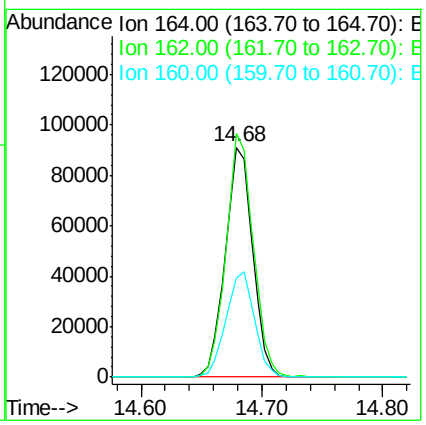


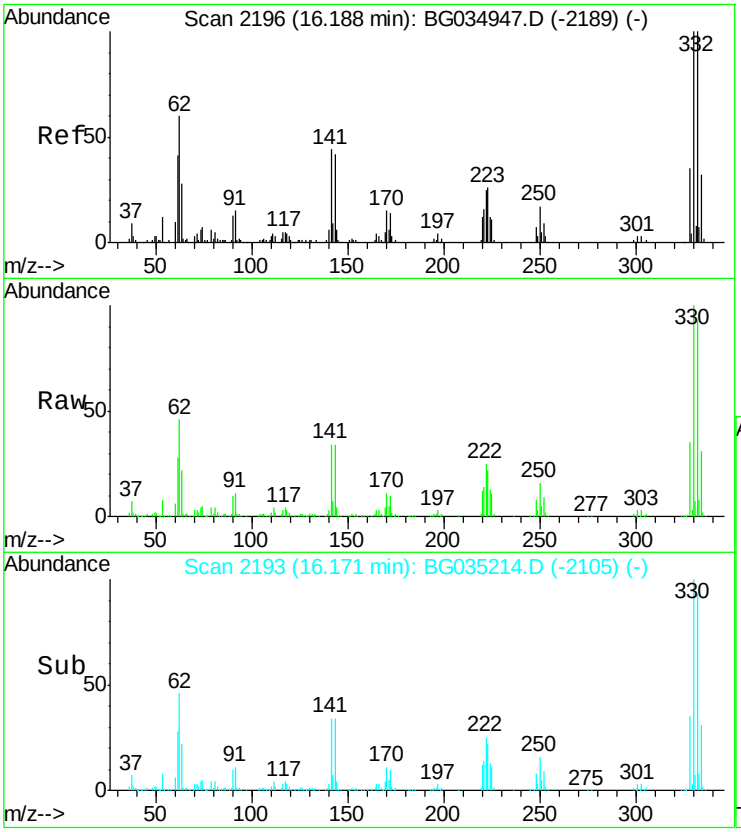


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:164 Resp: 143579

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	43.4	35.4	53.0



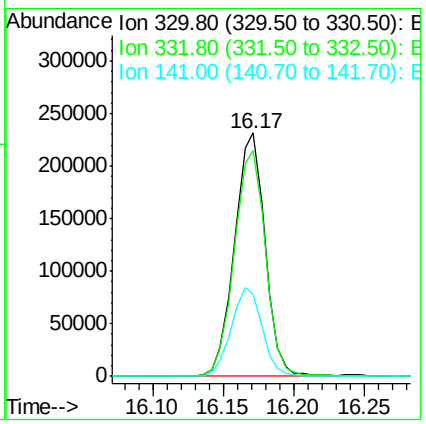


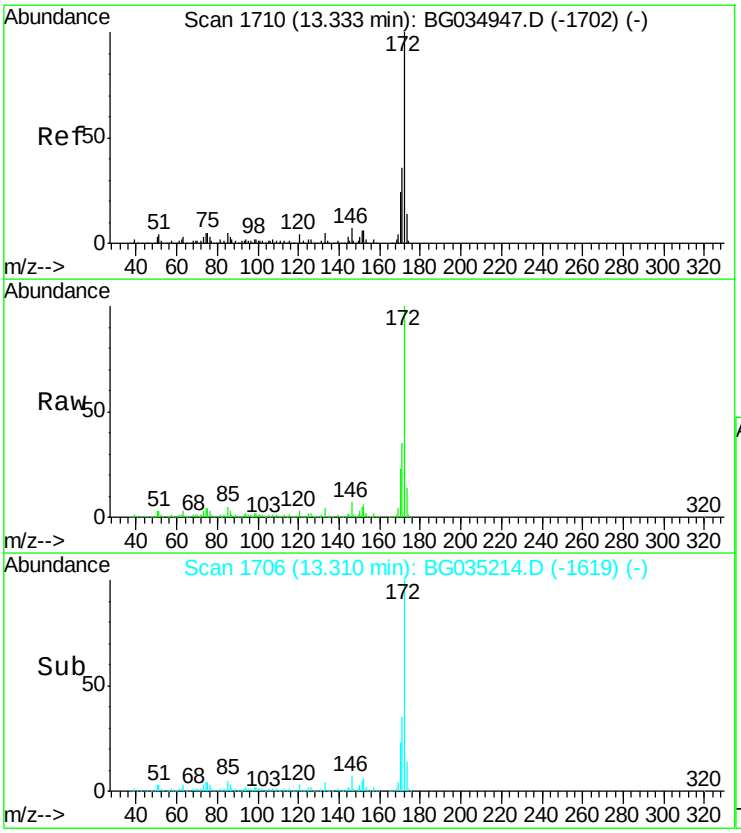
#41
2,4,6-Tribromophenol
Concen: 190.345 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:330 Resp: 349853

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.7	25.2	37.8

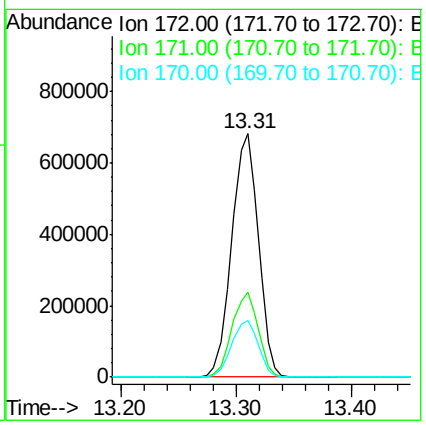


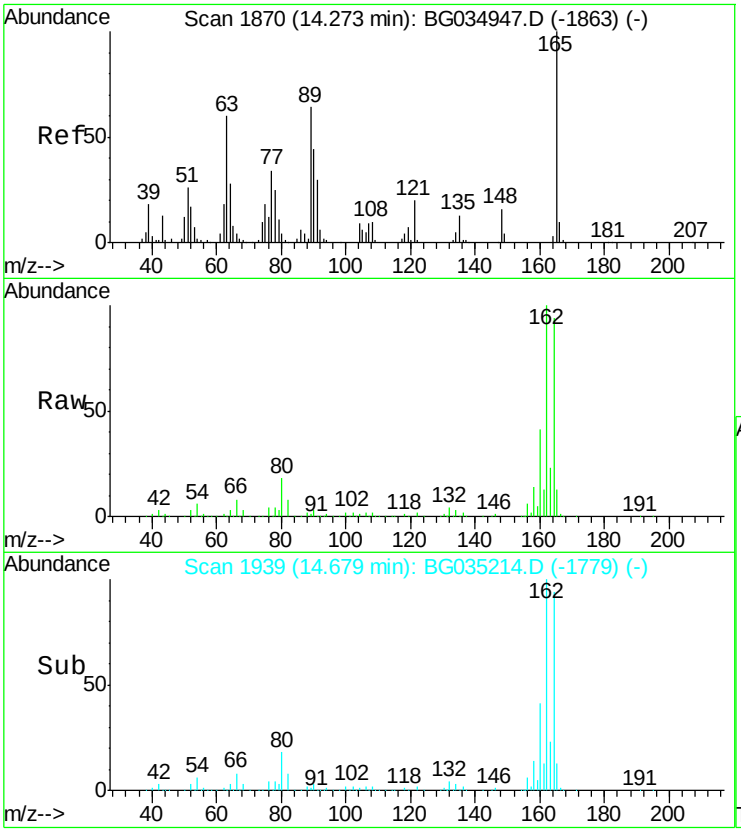


#44
2-Fluorobiphenyl
Concen: 98.633 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:172 Resp: 1089359

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.3	19.5	29.3



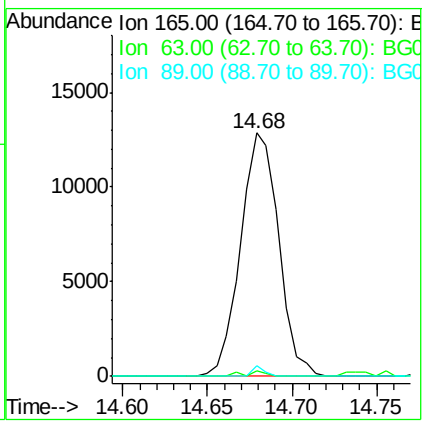


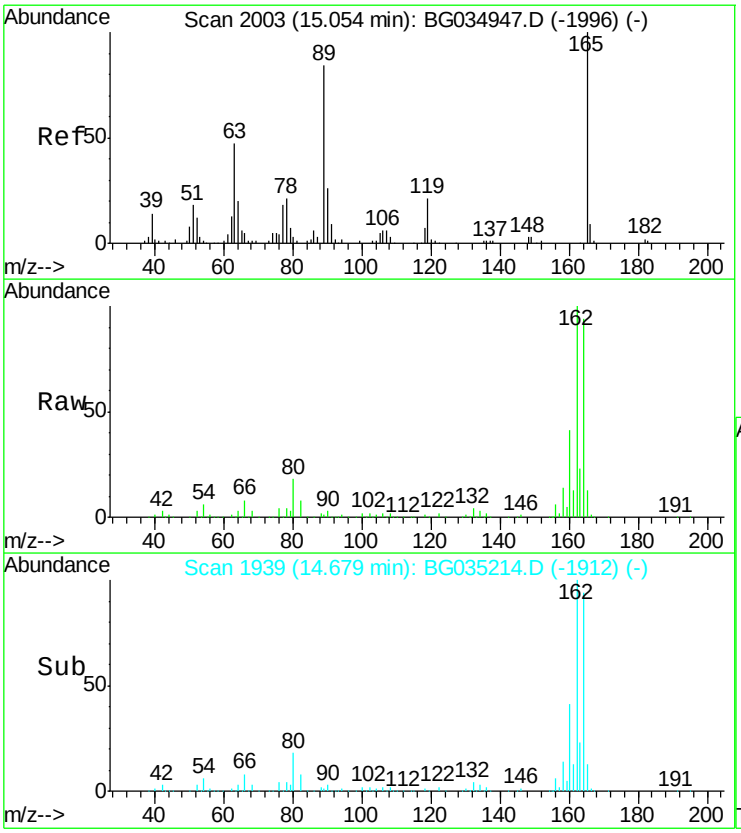
#50
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:165 Resp: 20154

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	4.6	49.2	73.8#

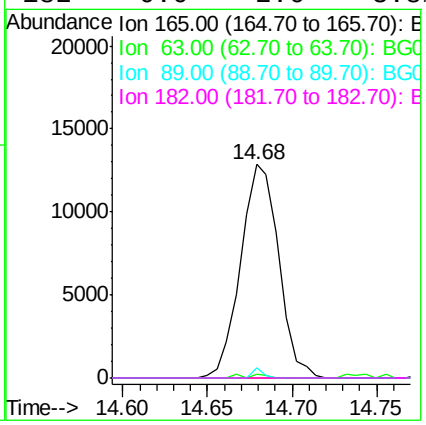


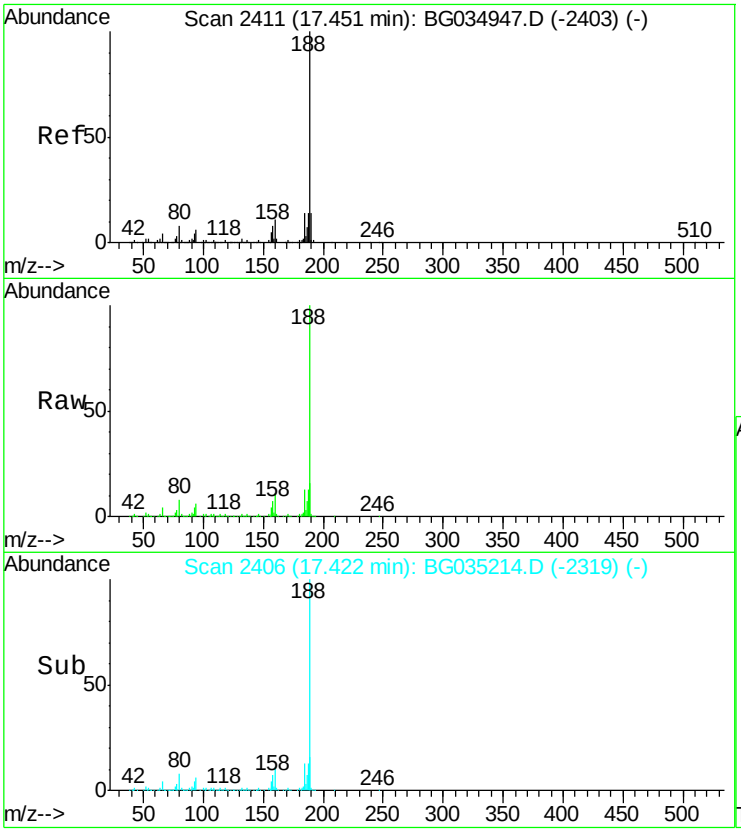


#56
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:165 Resp: 20154

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	4.6	66.9	100.3#
182	0.0	2.6	3.8#



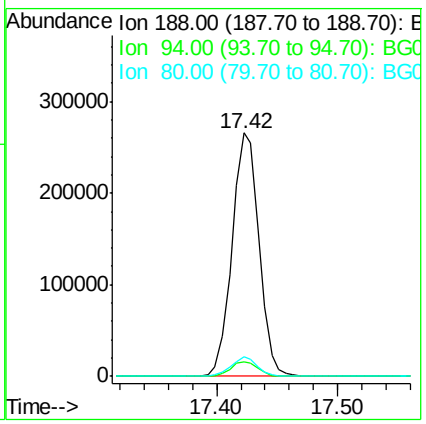


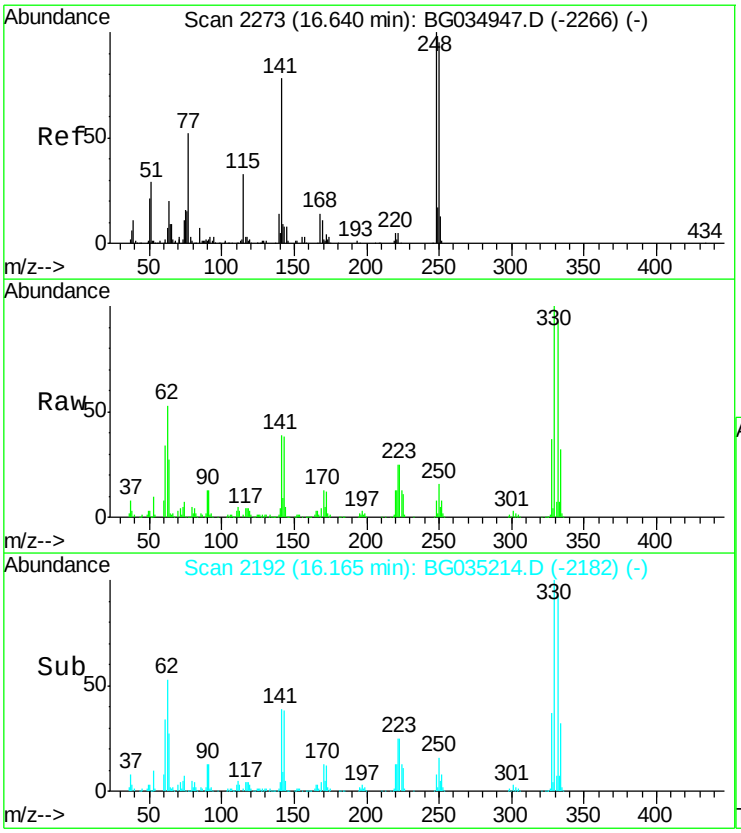
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:188 Resp: 411902

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.3	7.7	11.5

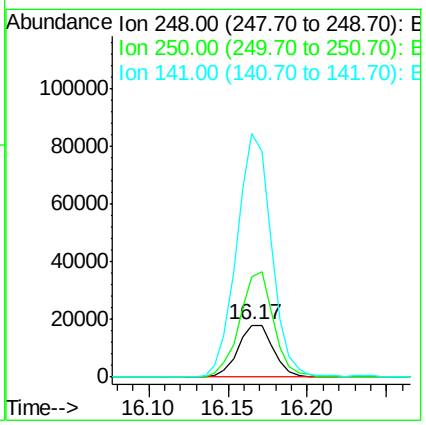


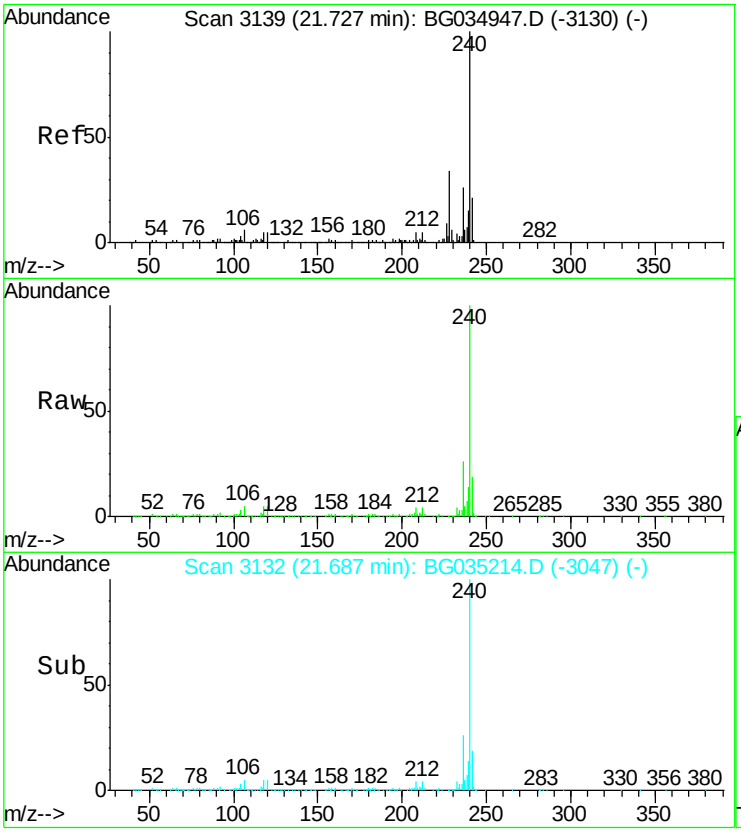


#66
4-Bromophenyl-phenylether
Concen: 5.577 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:248 Resp: 27666

Ion	Ratio	Lower	Upper
248	100		
250	192.6	77.1	115.7#
141	468.0	50.8	76.2#



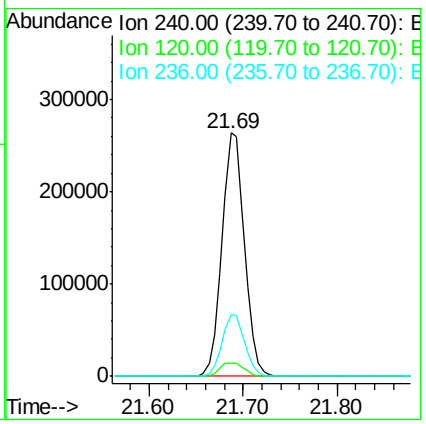


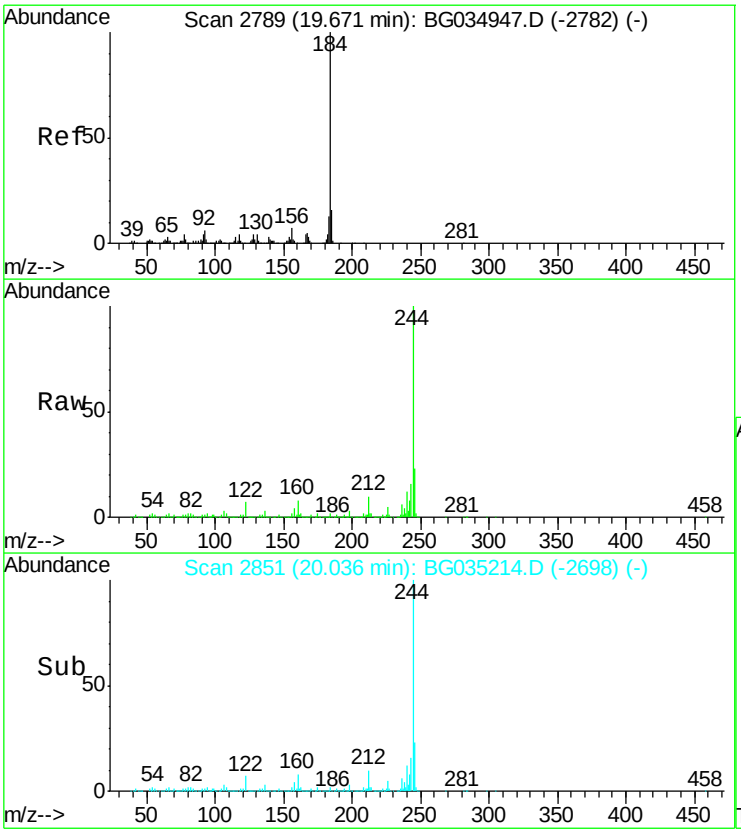
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:240 Resp: 438237

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.6	20.9	31.3

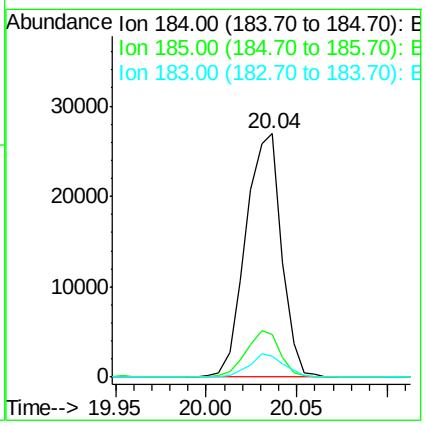


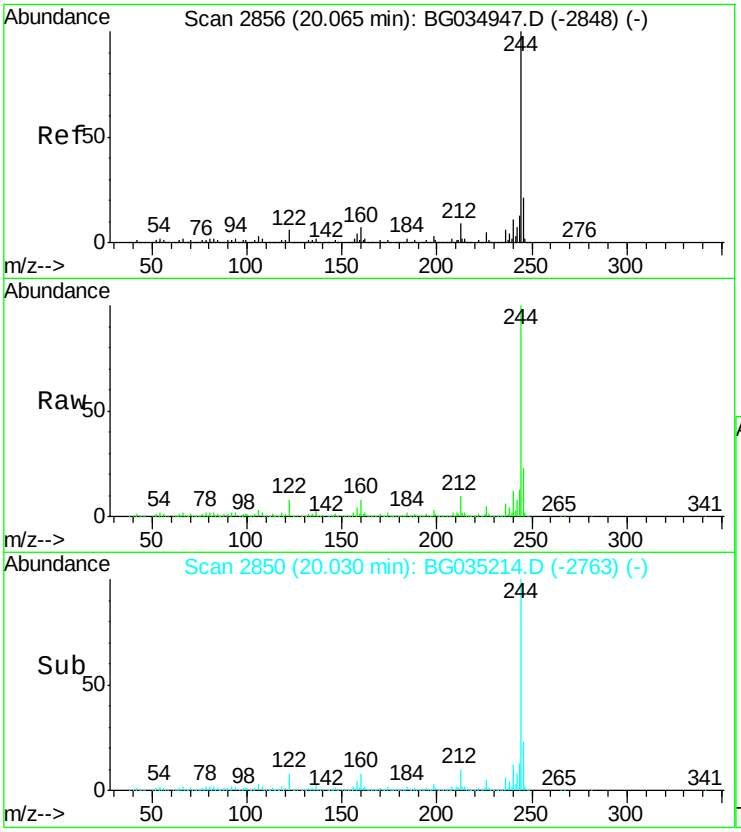


#76
Benzidine
Concen: 2.265 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:184 Resp: 36934

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	8.3	10.6	16.0#



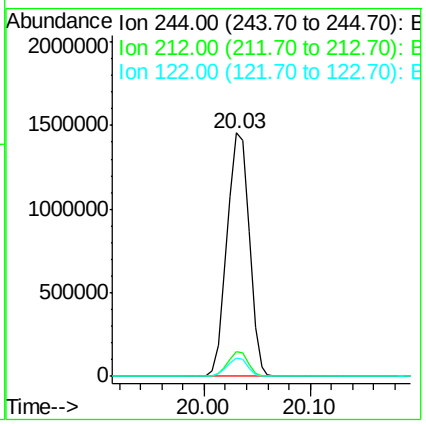


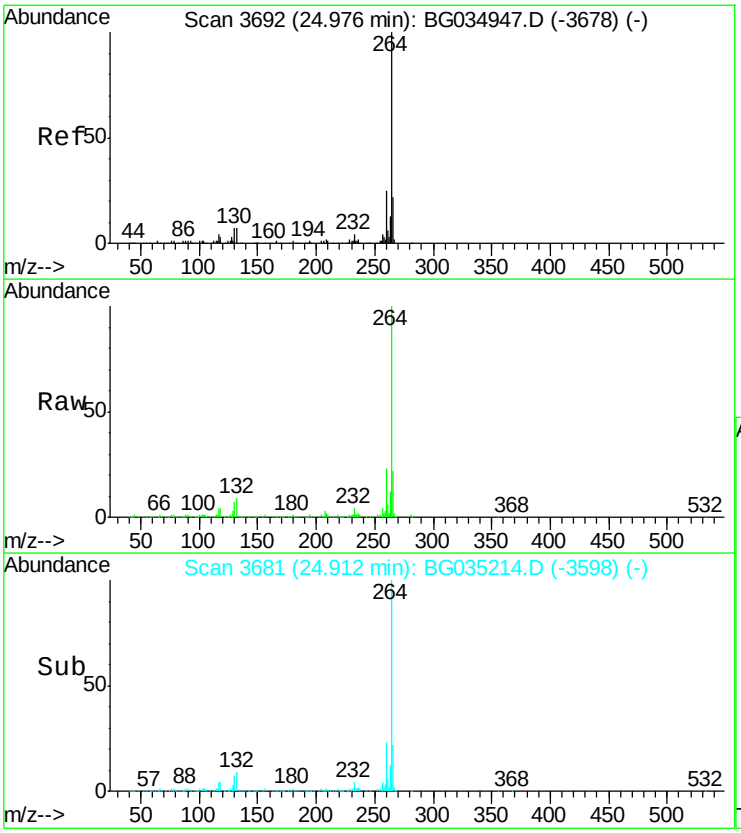
#78
Terphenyl-d14
Concen: 100.823 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tgt Ion:244 Resp: 2109375

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	7.5	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: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:264 Resp: 433662

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.7	17.7	26.5