Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
Data File : BG040667.D
Acq On : 29 Apr 2019 18:34
Operator : JU/SJ
Sample : K2550-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 01:48:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	52347	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	202514	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	157806	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	411213	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	415893	20.00	ng	-0.02
87) Perylene-d12	25.17	264	446538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	122181	41.14	ng	0.00
7) Phenol-d6	7.28	99	111643	24.42	ng	-0.01
23) Nitrobenzene-d5	9.33	82	466337	106.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	221316	102.03	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	983447	90.00	ng	-0.01
79) Terphenyl-d14	20.12	244	1612915	85.92	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	218	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.33	70	70447	17.116	ng	# 72
50) Dimethylphthalate	14.52	163	47005	3.560	ng	# 94
54) 2,4-Dinitrophenol	14.43	184	63	7.054	ng	# 19
57) 2,4-Dinitrotoluene	14.78	165	20923	5.975	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.03	198	64	7.128	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	16261	3.174	ng	# 1
77) Benzidine	20.12	184	30965	2.719	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
Data File : BG040667.D
Acq On : 29 Apr 2019 18:34
Operator : JU/SJ
Sample : K2550-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 30 01:48:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
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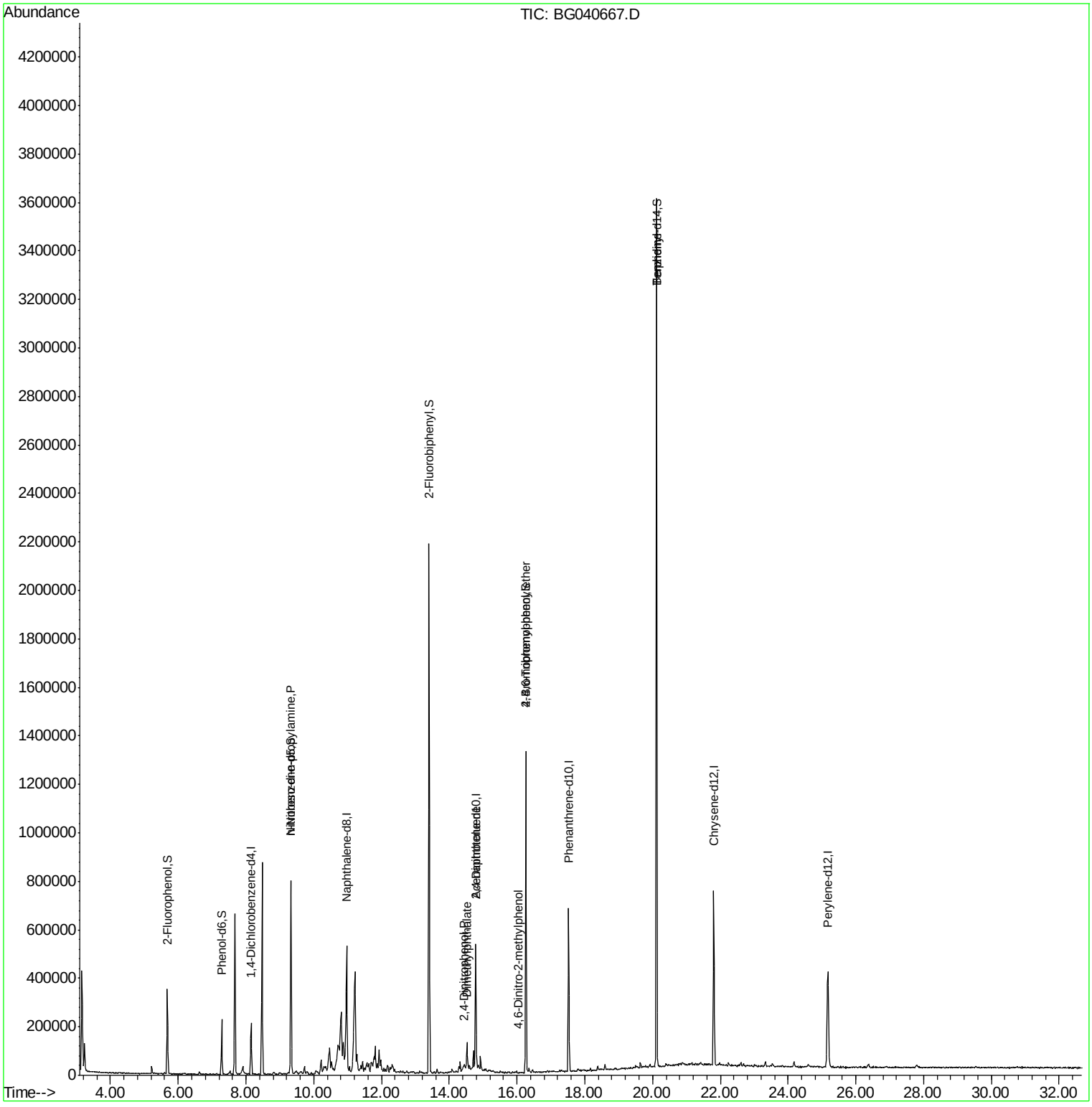
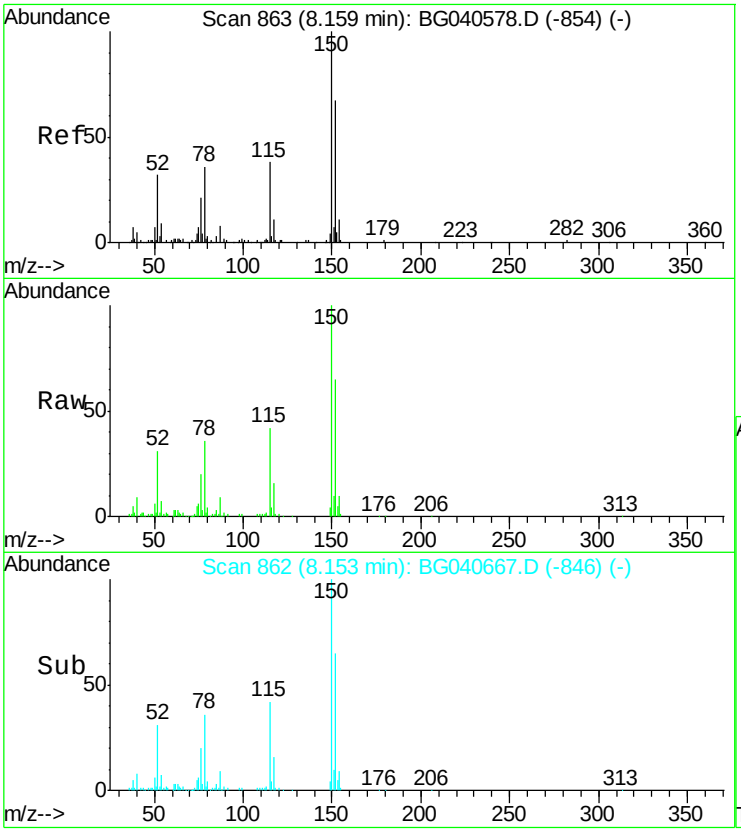


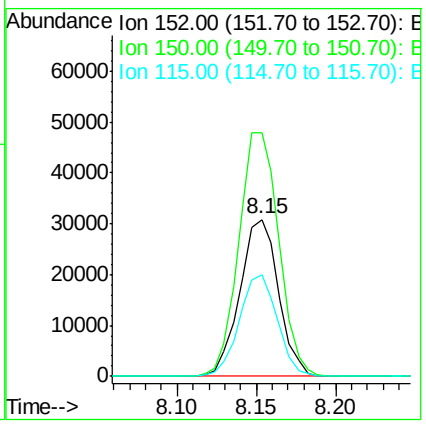


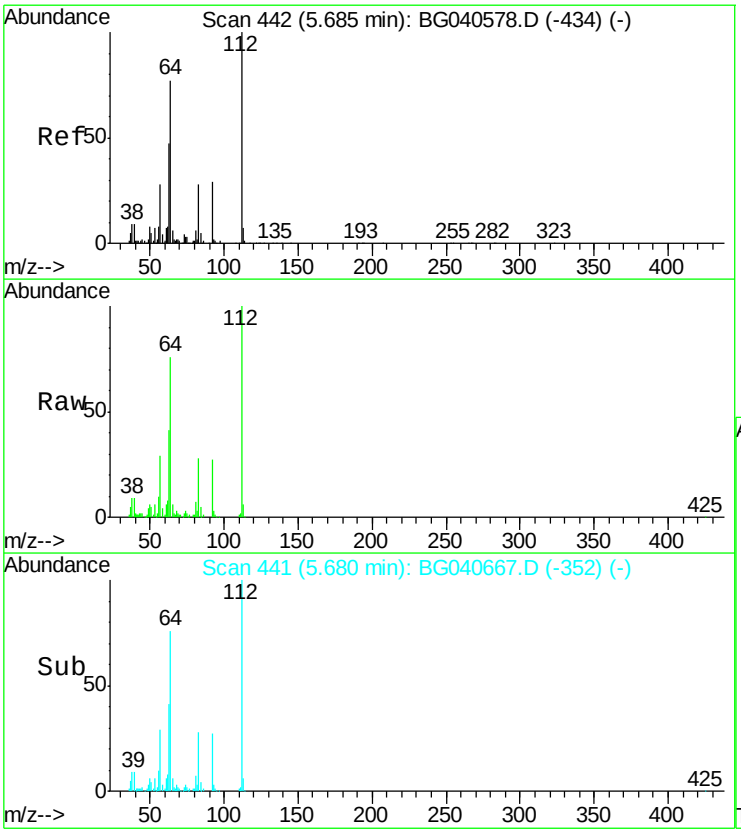
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52347

Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.2	180.2
115	64.2	46.2	69.2

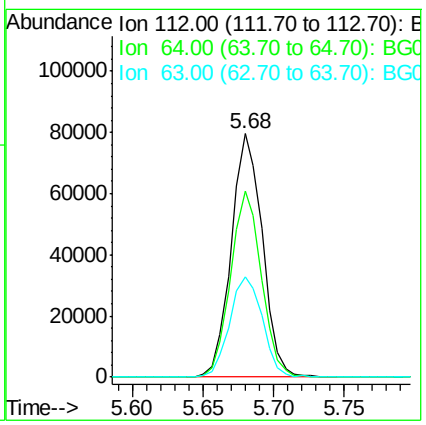


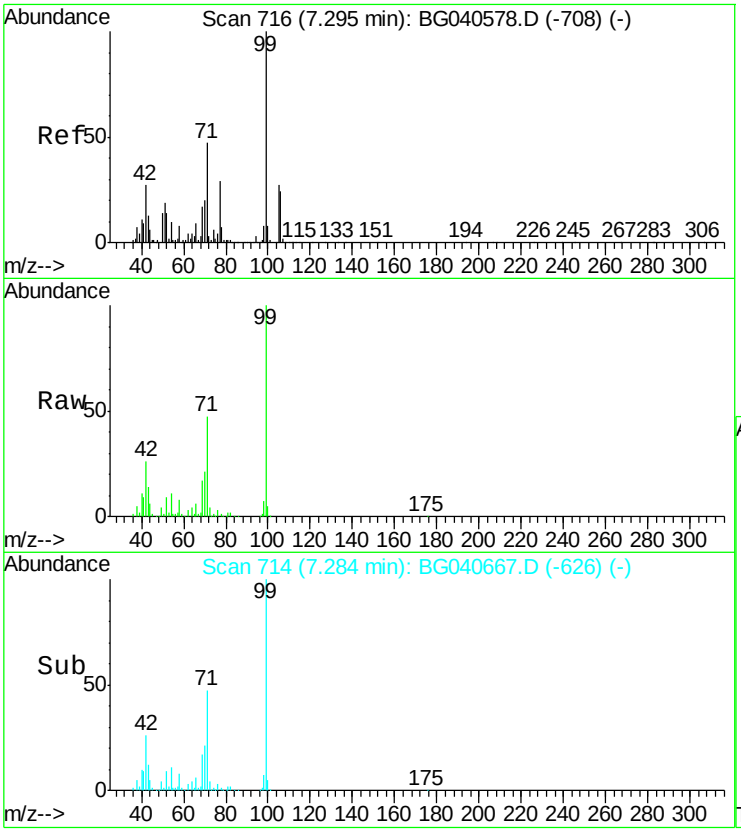


#5
2-Fluorophenol
Concen: 41.144 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:112 Resp: 122181

Ion	Ratio	Lower	Upper
112	100		
64	76.4	61.4	92.0
63	41.1	37.8	56.6



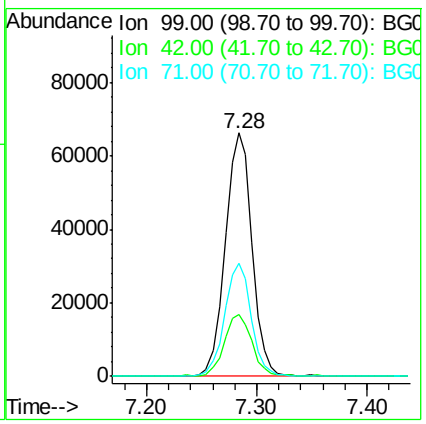


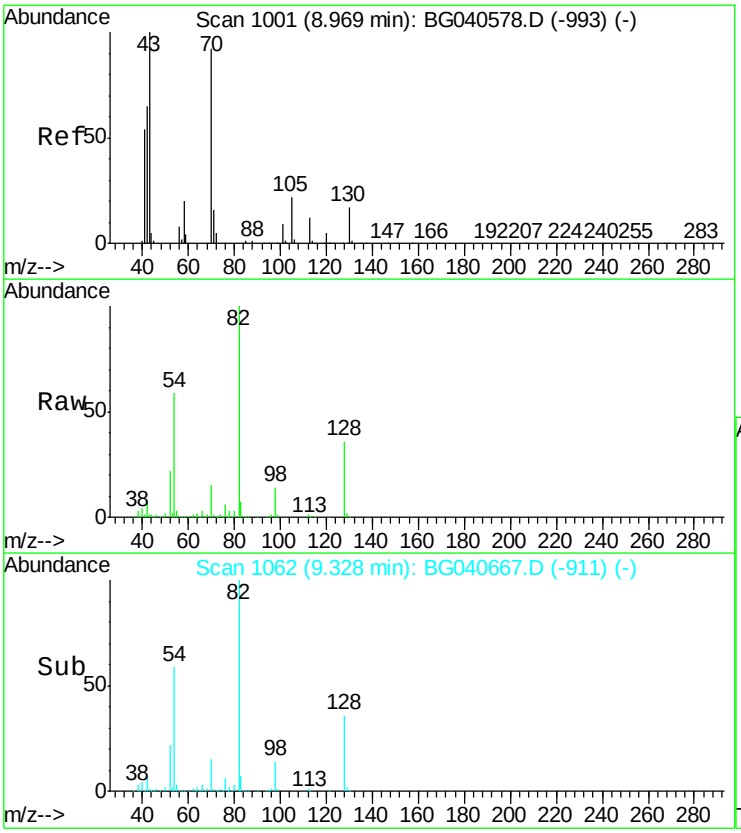
#7
Phenol-d6
Concen: 24.417 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 111643

Ion	Ratio	Lower	Upper
99	100		
42	25.6	21.8	32.8
71	46.6	38.6	57.8

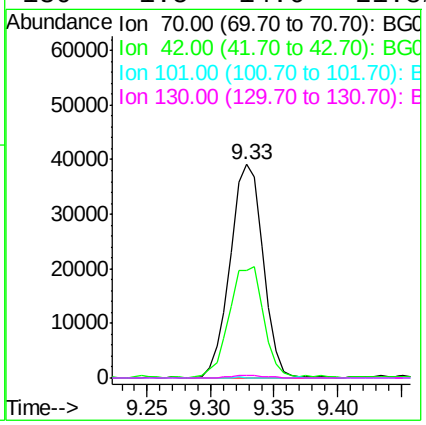


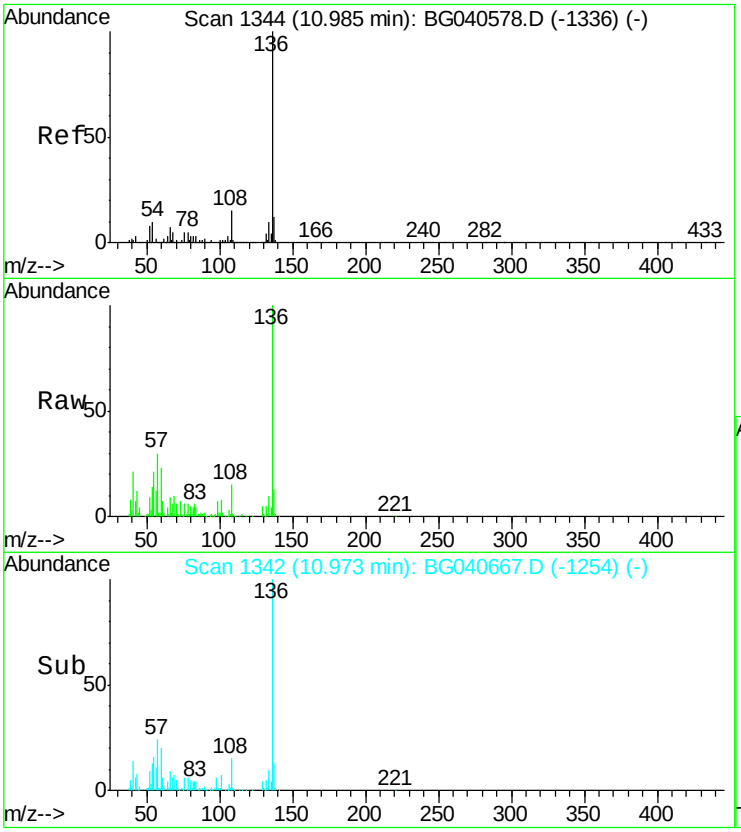


#19
n-Nitroso-di-n-propylamine
Concen: 17.116 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion: 70 Resp: 70447

Ion	Ratio	Lower	Upper
70	100		
42	50.4	57.1	85.7#
101	0.0	7.8	11.8#
130	1.5	14.6	21.8#



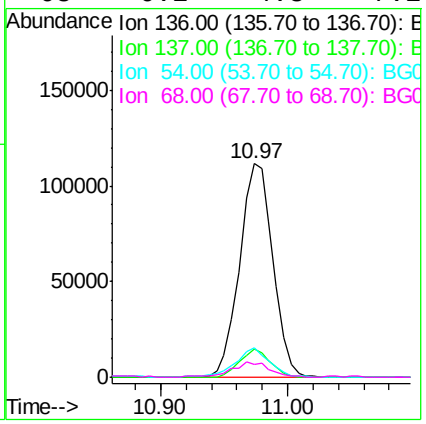


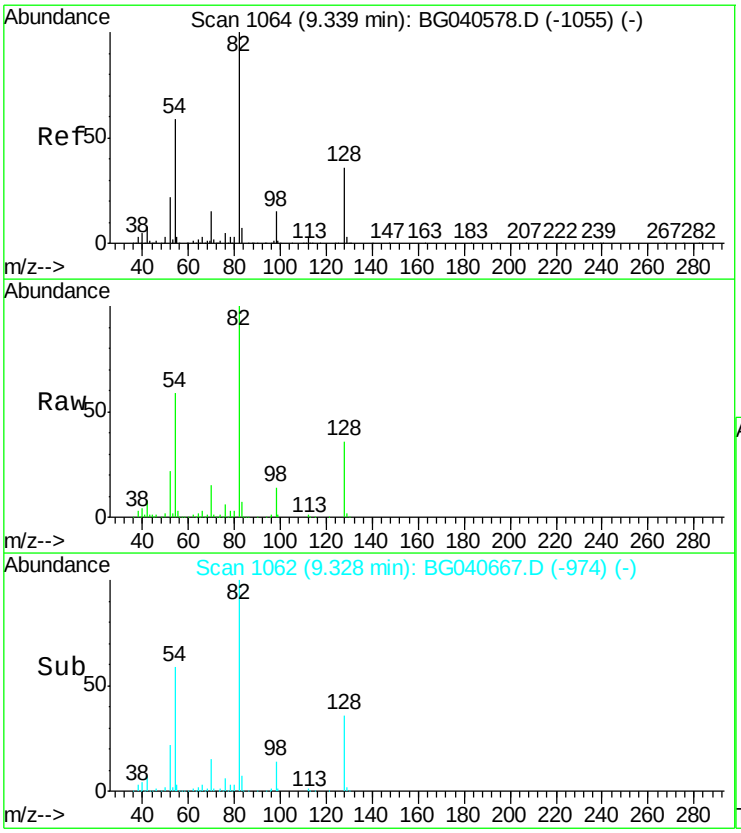
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 202514

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	13.6	8.6	12.8#
68	6.2	4.8	7.2

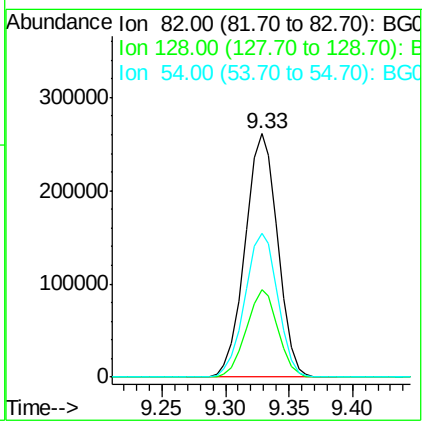


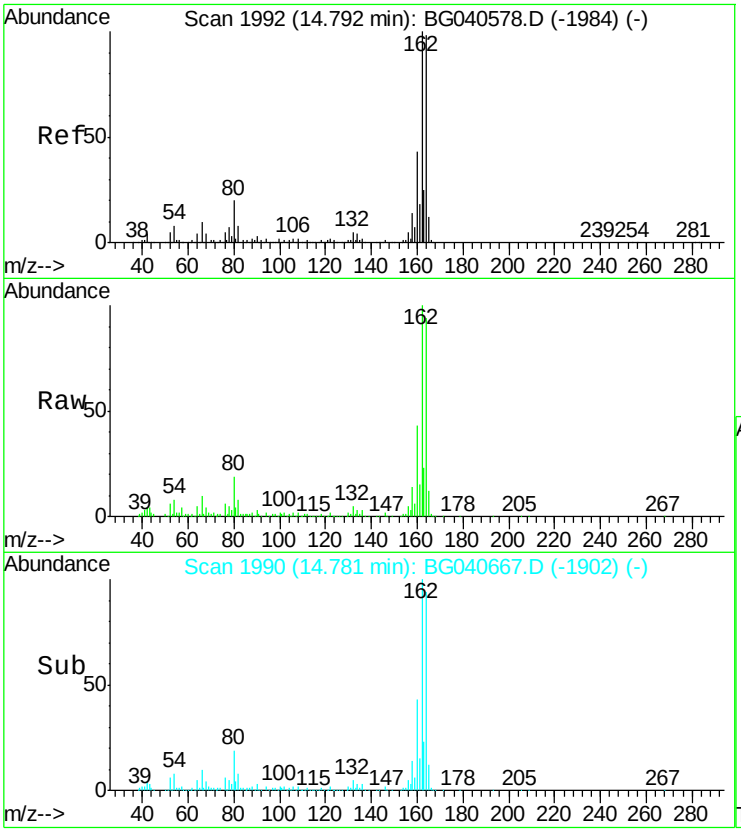


#23
Nitrobenzene-d5
Concen: 106.401 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion: 82 Resp: 466337

Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	59.0	47.2	70.8



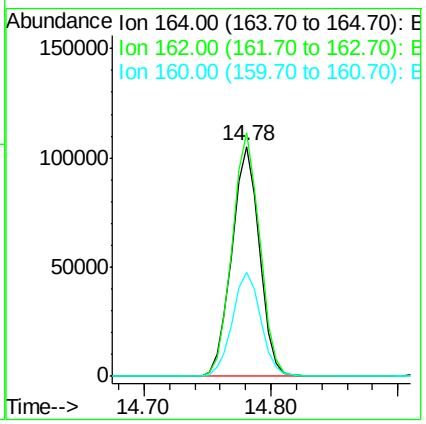


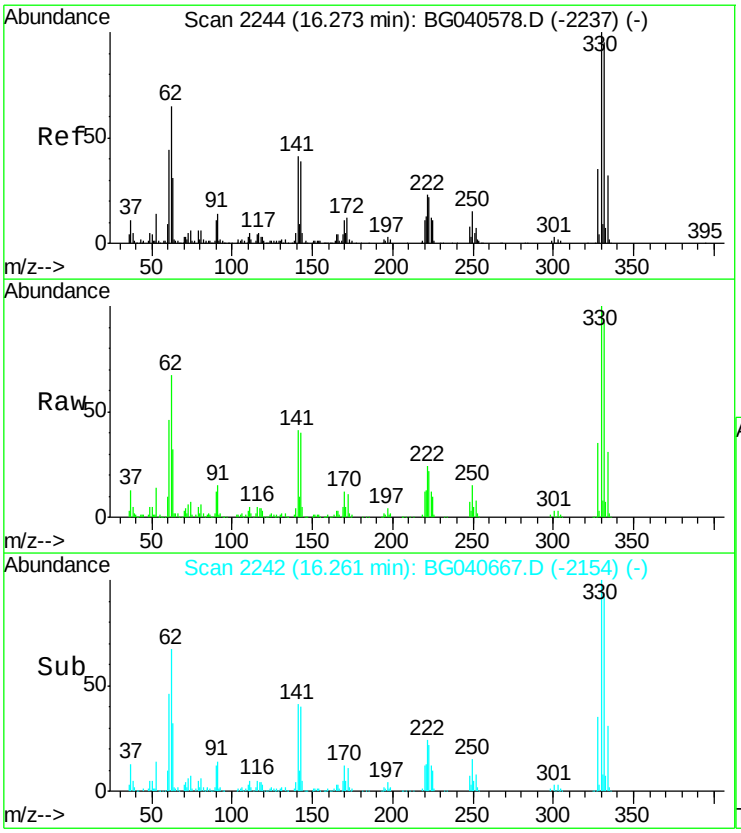
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 157806

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.9	122.9
160	45.1	35.4	53.2

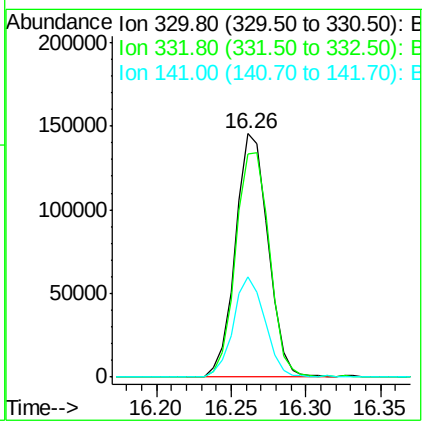


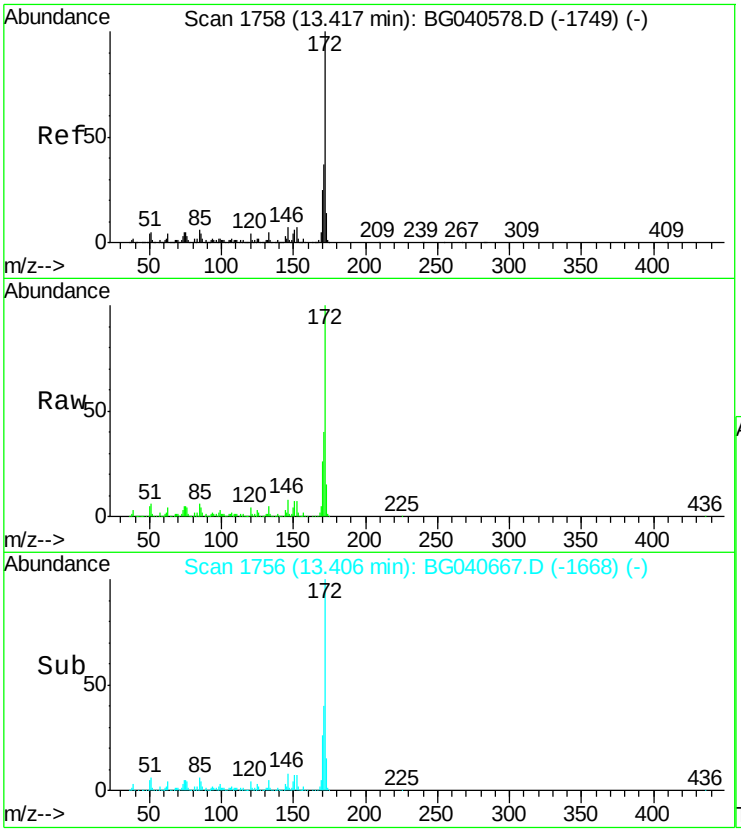


#42
2,4,6-Tribromophenol
Concen: 102.032 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:330 Resp: 221316

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	40.0	32.4	48.6



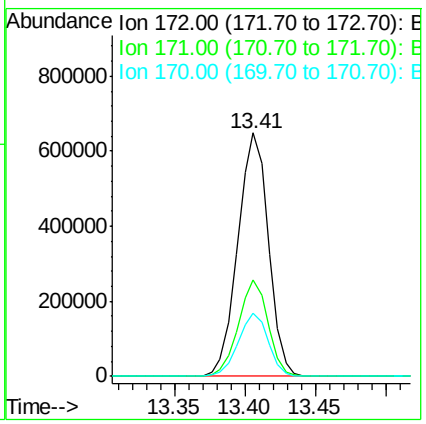


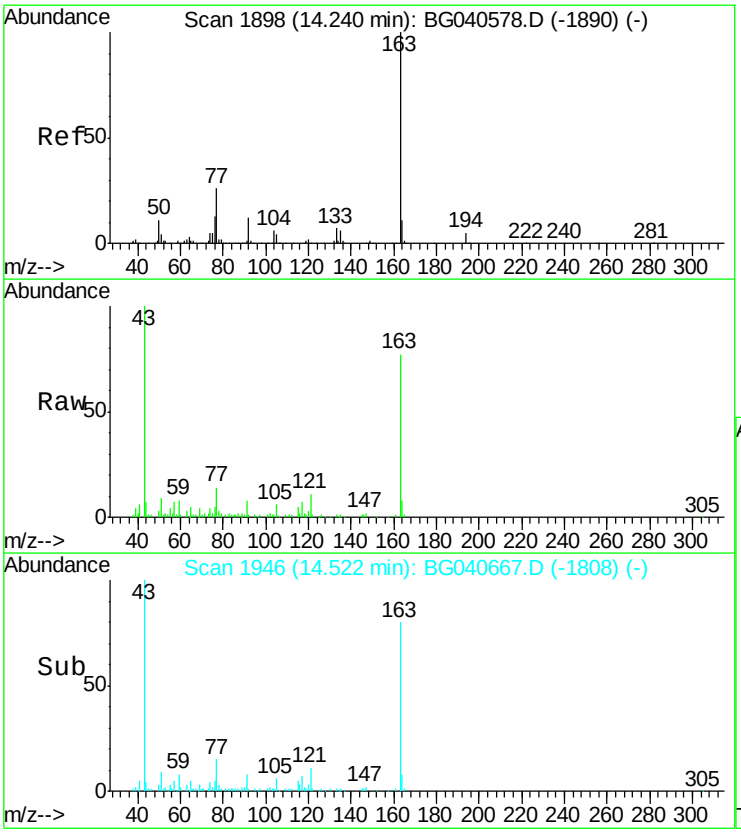
#45
2-Fluorobiphenyl
Concen: 90.003 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 983447

Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.4	44.2
170	26.1	19.9	29.9

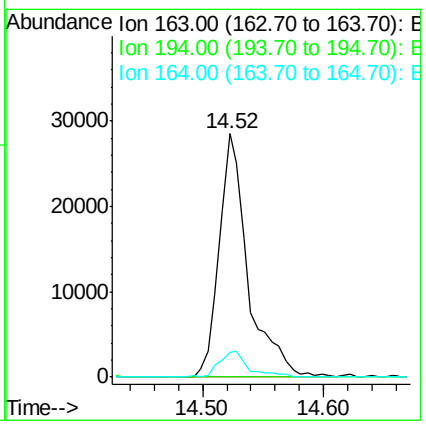


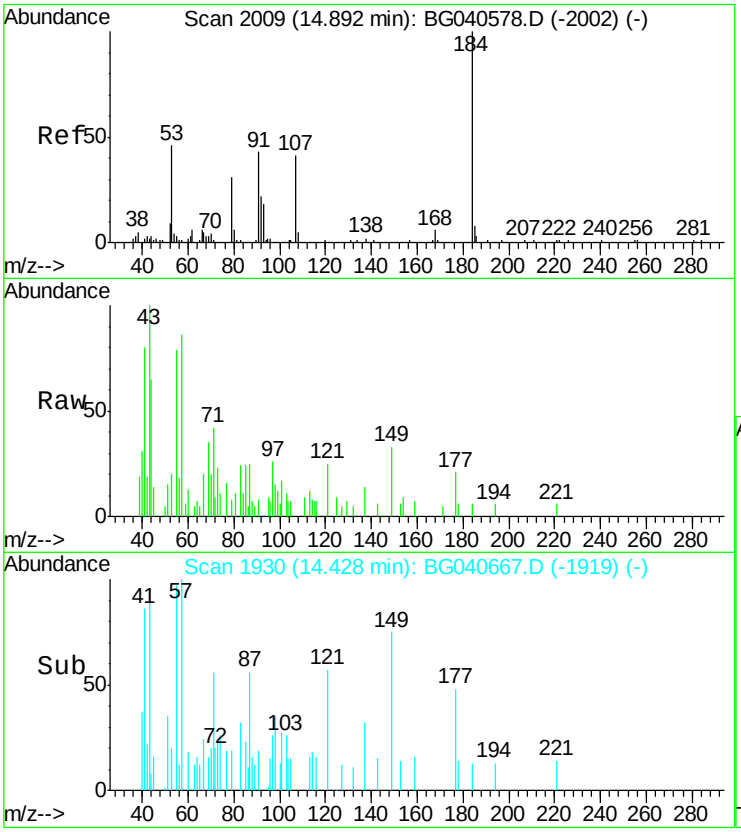


#50
Dimethylphthalate
Concen: 3.560 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.28 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:163 Resp: 47005

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.8#
164	10.0	8.8	13.2



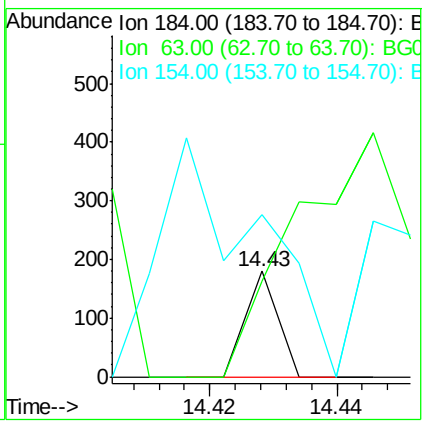


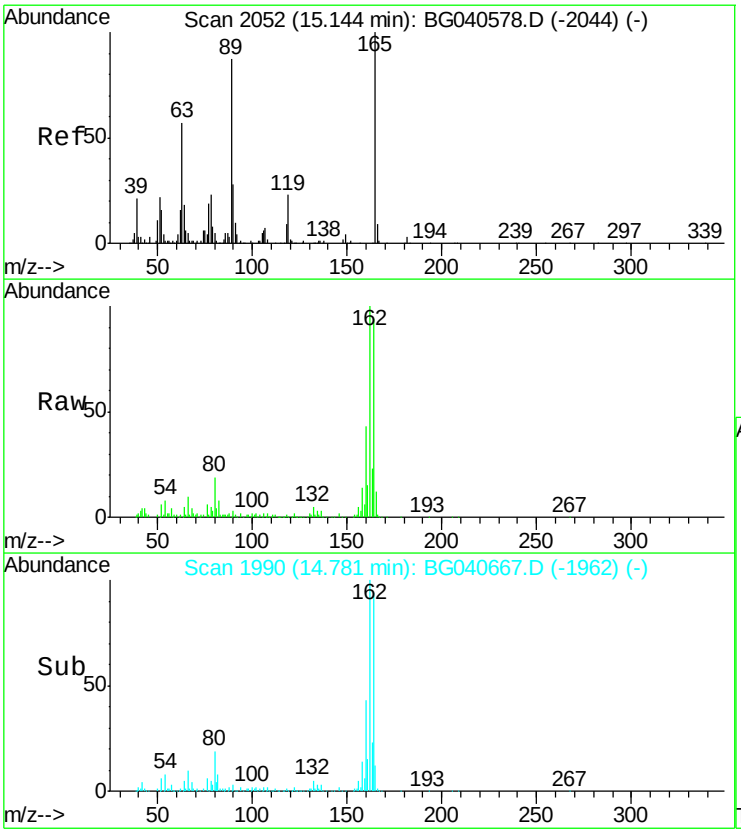
#54
2,4-Dinitrophenol
Concen: 7.054 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.46 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 63

Ion	Ratio	Lower	Upper
184	100		
63	90.0	51.8	77.6#
154	153.9	43.6	65.4#

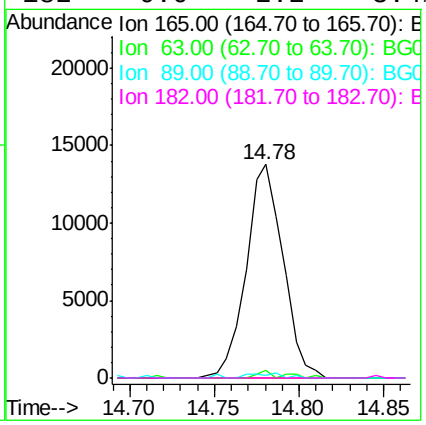


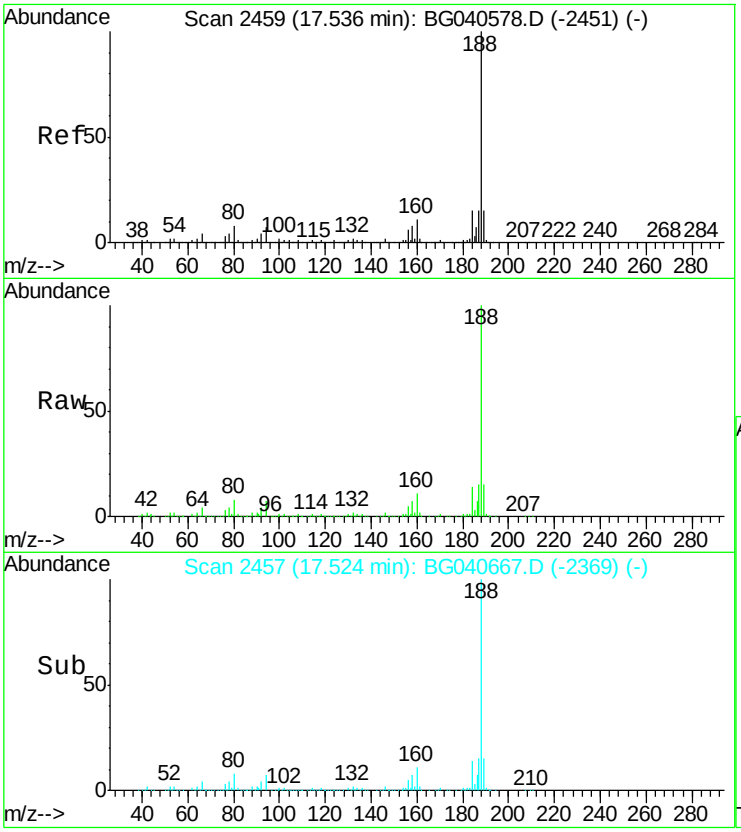


#57
2,4-Dinitrotoluene
Concen: 5.975 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:165 Resp: 20923

Ion	Ratio	Lower	Upper
165	100		
63	3.8	45.8	68.8#
89	1.4	69.4	104.2#
182	0.0	2.2	3.4#



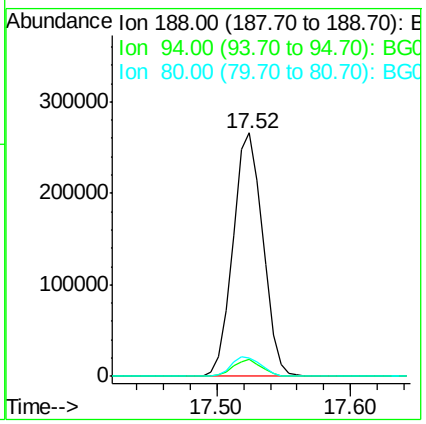


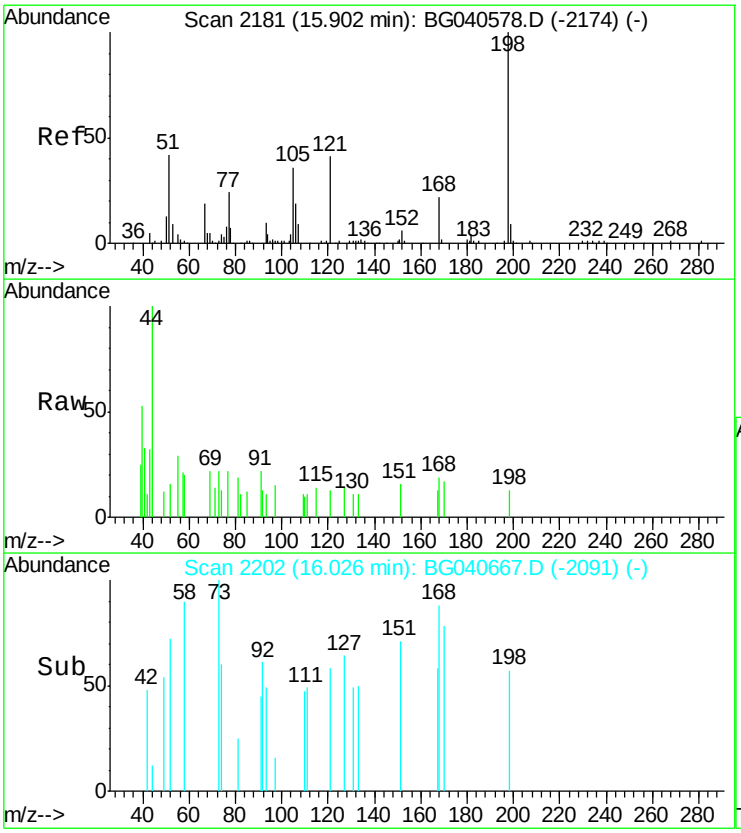
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 411213

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	7.7	6.4	9.6

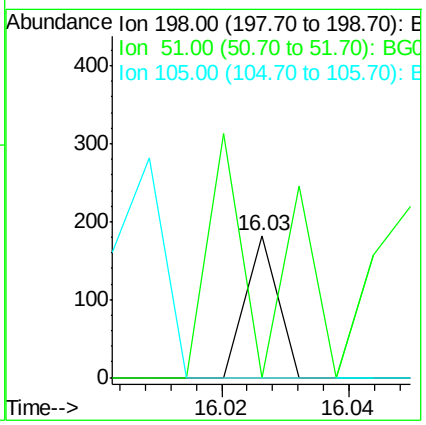


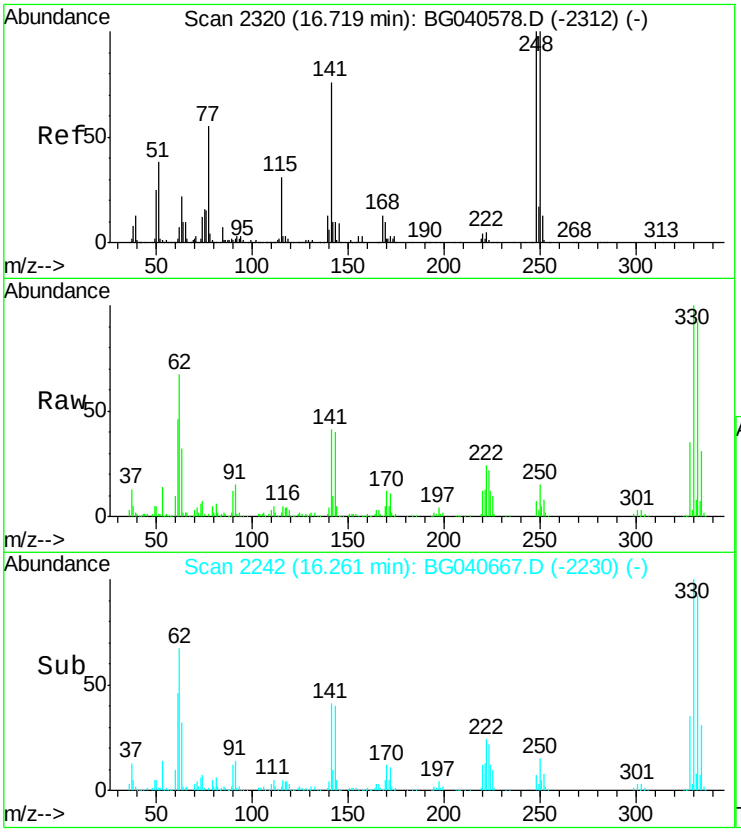


#65
4,6-Dinitro-2-methylphenol
Concen: 7.128 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.12 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:198 Resp: 64

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#



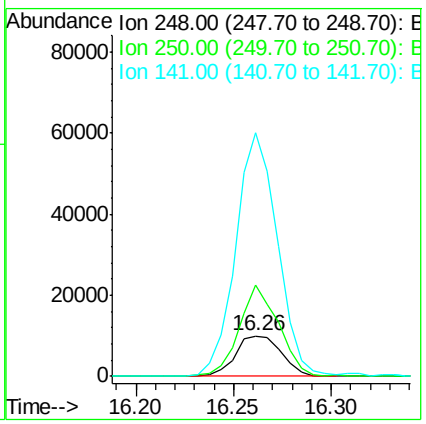


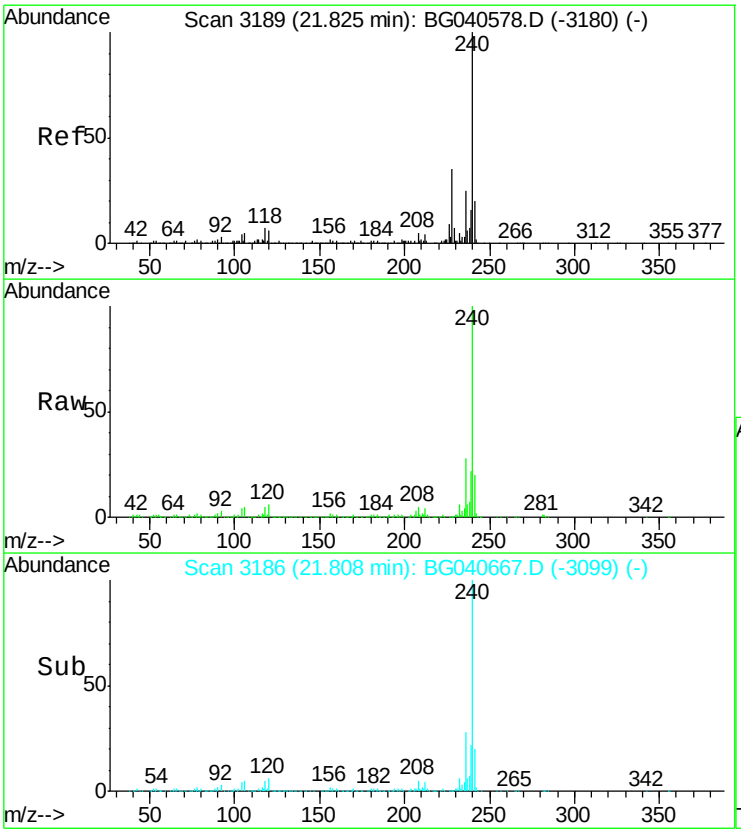
#67
4-Bromophenyl-phenylether
Concen: 3.174 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16261

Ion	Ratio	Lower	Upper
248	100		
250	291.4	79.8	119.6#
141	600.0	60.8	91.2#

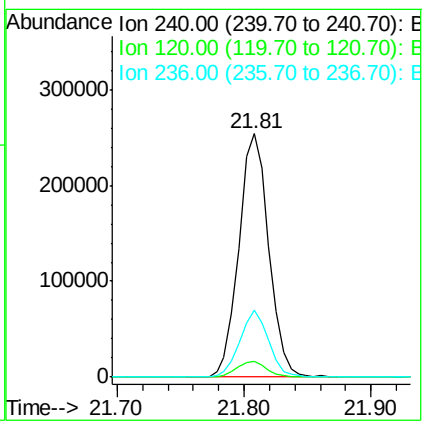


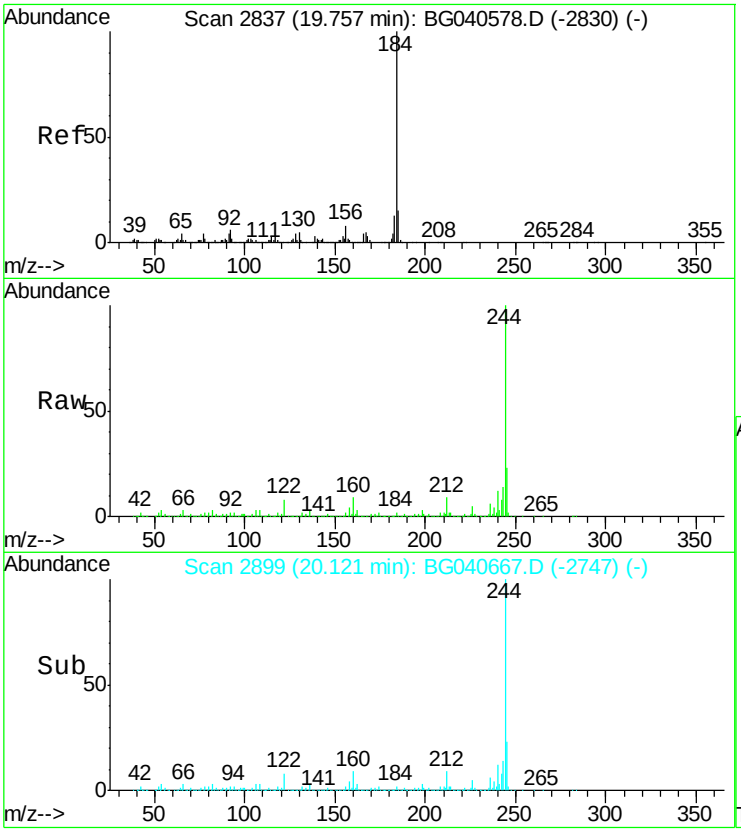


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:240 Resp: 415893

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.6
236	27.5	20.3	30.5



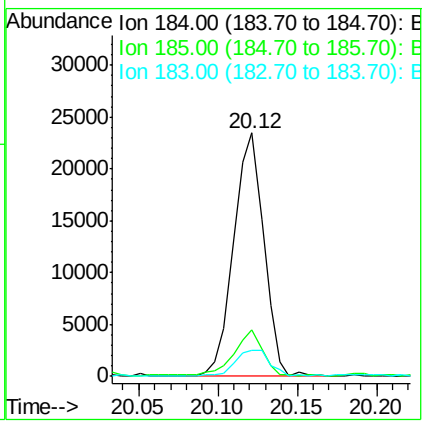


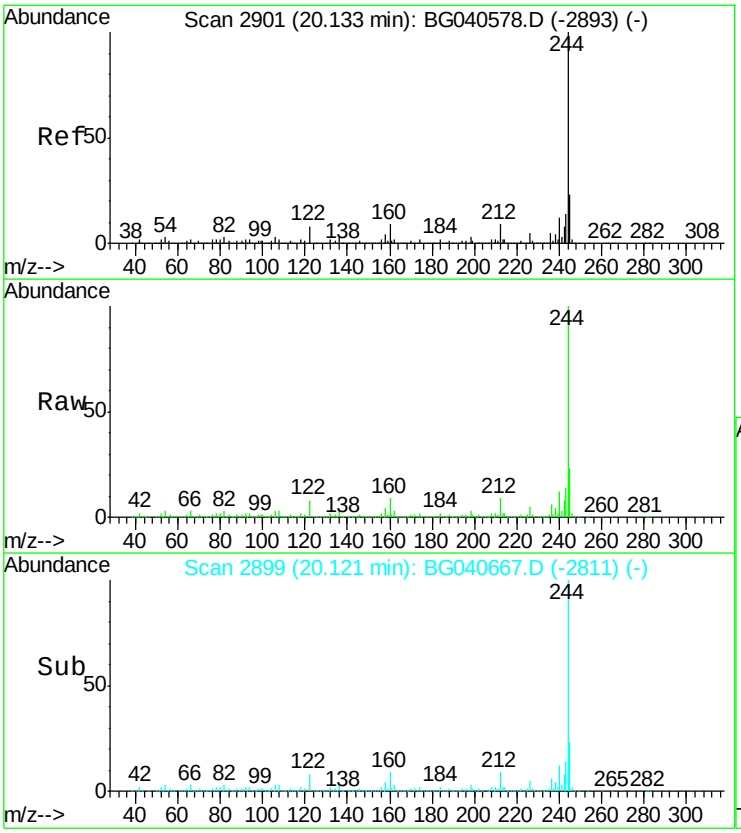
#77
Benzidine
Concen: 2.719 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 30965

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.8	17.8#
183	10.5	10.2	15.2

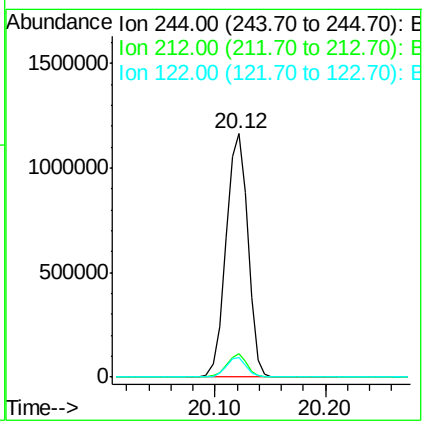


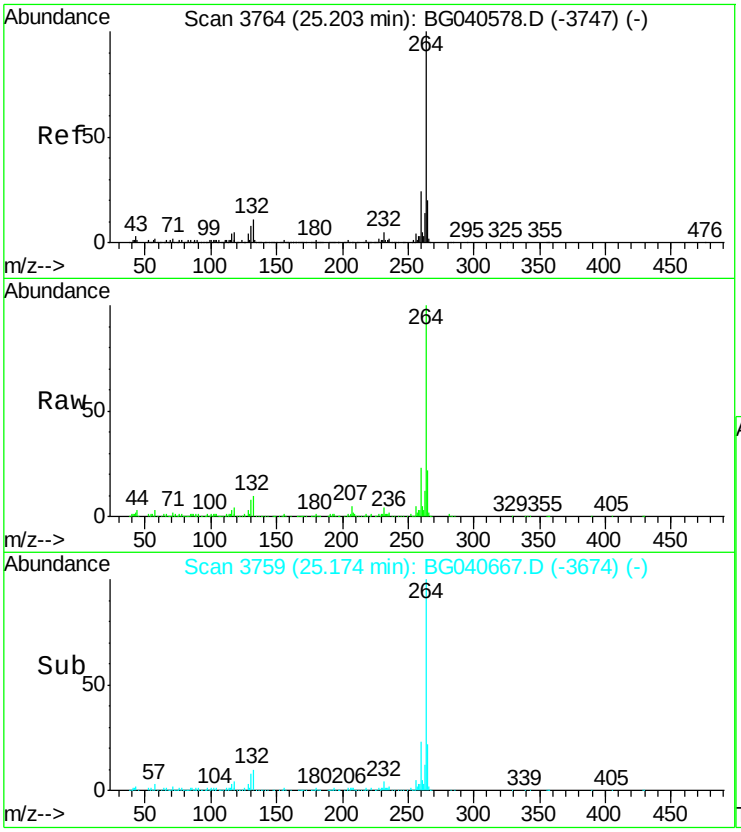


#79
Terphenyl-d14
Concen: 85.918 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:244 Resp: 1612915

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.9	6.6	10.0

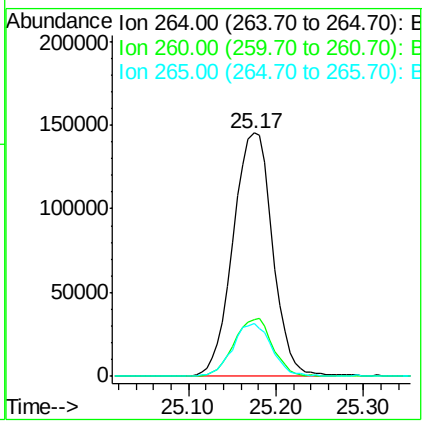




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:264 Resp: 446538

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	16.6	25.0



Instrument :
BNA_G
ClientSampleId :