Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032843.D
Acq On : 27 Feb 2018 5:04
Operator : SJ/JU
Sample : J1691-36
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 27 06:00:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72494	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	315717	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	175082	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	405934	20.00	ng		0.00
75) Chrysene-d12	22.62	240	389933	20.00	ng		-0.01
86) Perylene-d12	26.43	264	395352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	575477	127.00	ng		0.00
7) Phenol-d6	8.01	99	683652	108.24	ng		0.00
23) Nitrobenzene-d5	10.12	82	487812	104.63	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	263321	143.04	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	1108295	91.30	ng		0.00
78) Terphenyl-d14	20.79	244	1647982	94.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	62994	14.13	ng	#	82
24) Nitrobenzene	10.12	77	1712	6.68	ng	#	41
47) 2-Nitroaniline	14.17	65	2055	10.40	ng	#	4
50) 2,6-Dinitrotoluene	15.53	165	22629	16.39	ng	#	21
56) 2,4-Dinitrotoluene	15.53	165	22629	14.59	ng	#	18
64) 4,6-Dinitro-2-methylphenol	17.00	198	608	5.59	ng	#	1
66) 4-Bromophenyl-phenylether	17.00	248	18986	4.42	ng	#	1
76) Benzidine	20.79	184	28170	2.12	ng	#	94

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

Quantitation Report (Not Reviewed)

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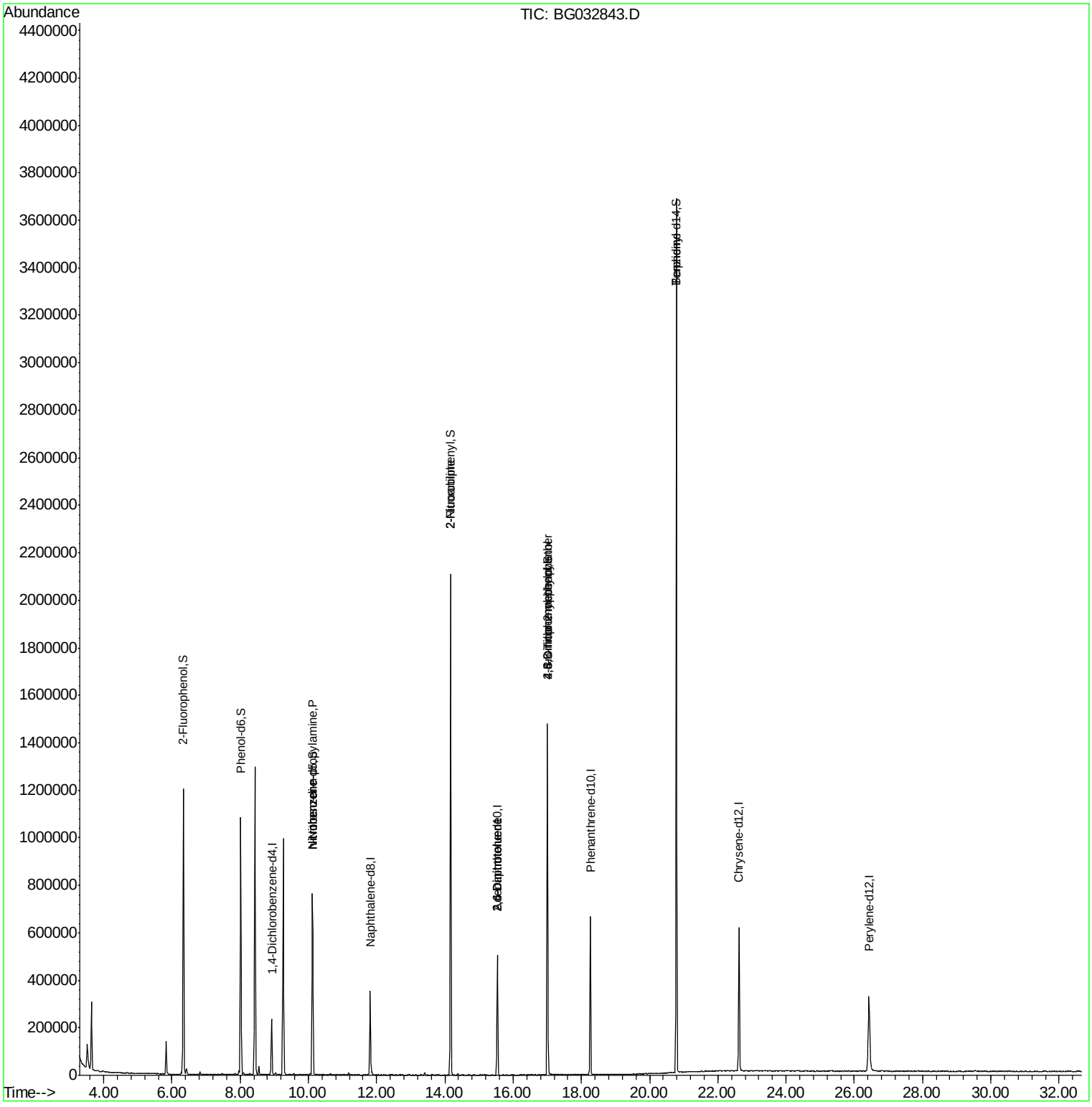
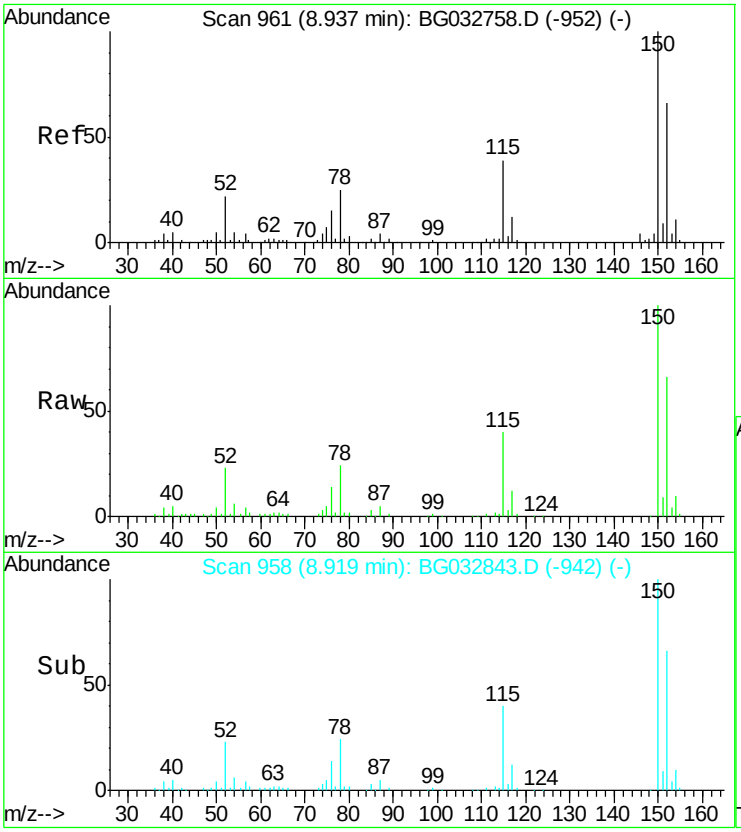
Acq On : 27 Feb 2018 5:04
Operator : SJ/JU
Sample : J1691-36
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 27 06:00:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



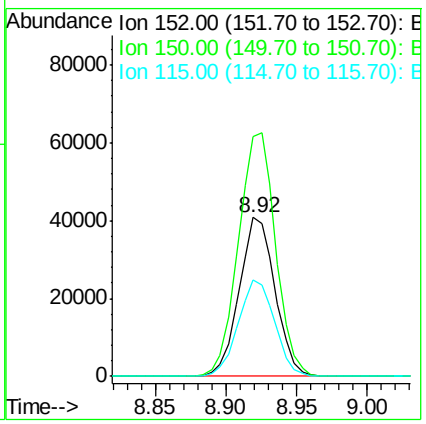


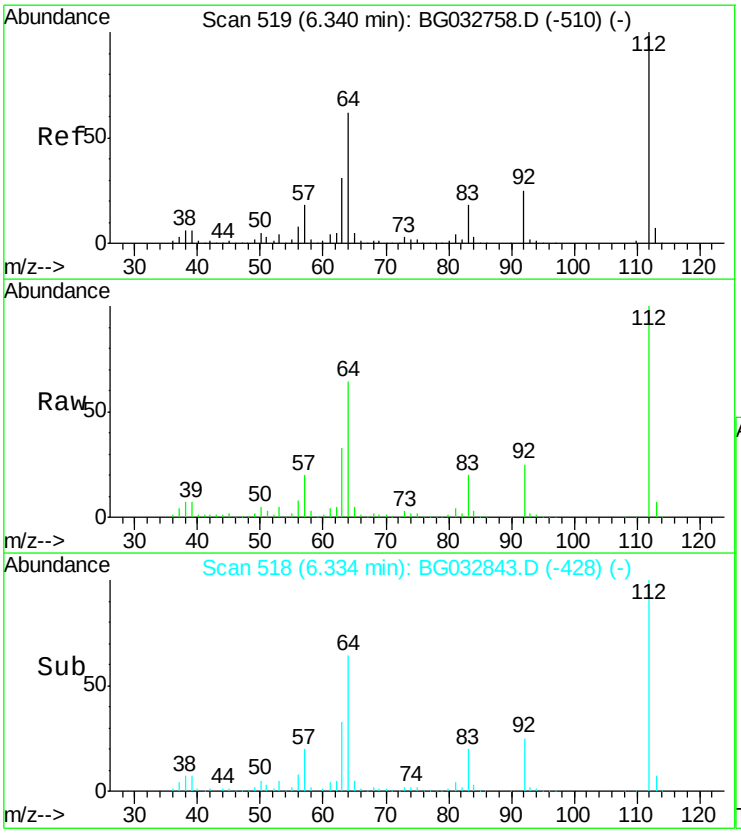
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72494

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	60.6	53.0	79.4

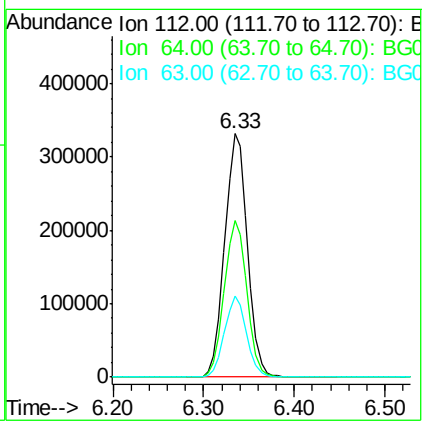


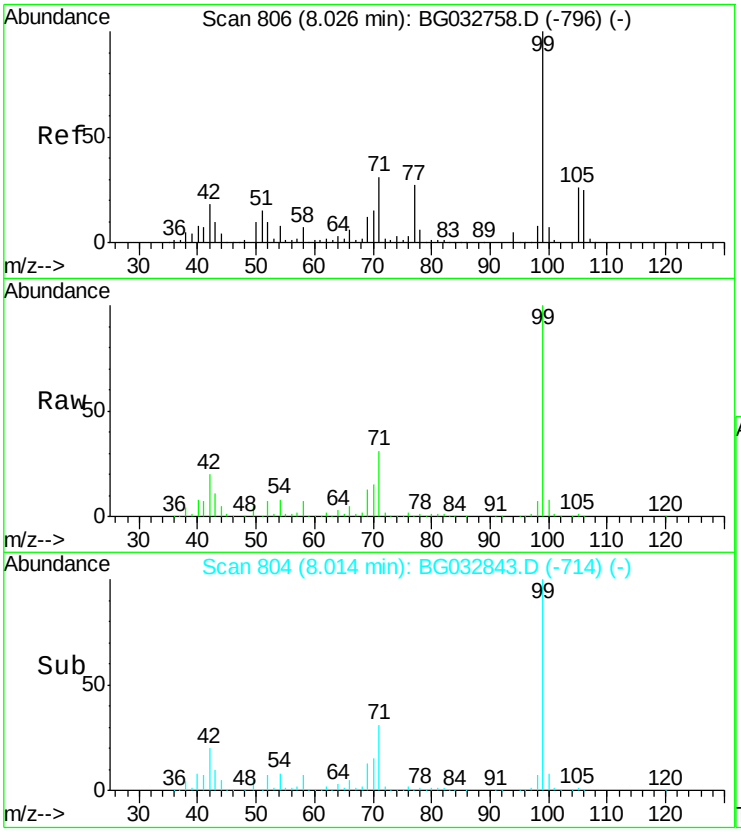


#5
2-Fluorophenol
Concen: 127.00 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:112 Resp: 575477

Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	33.2	30.1	45.1



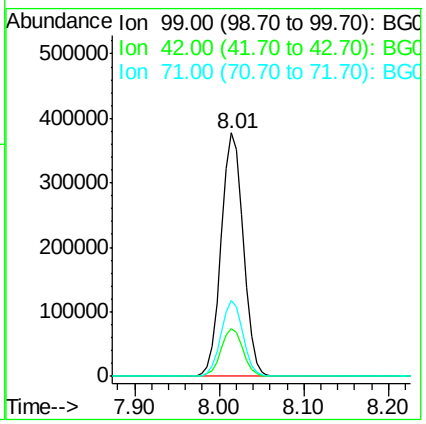


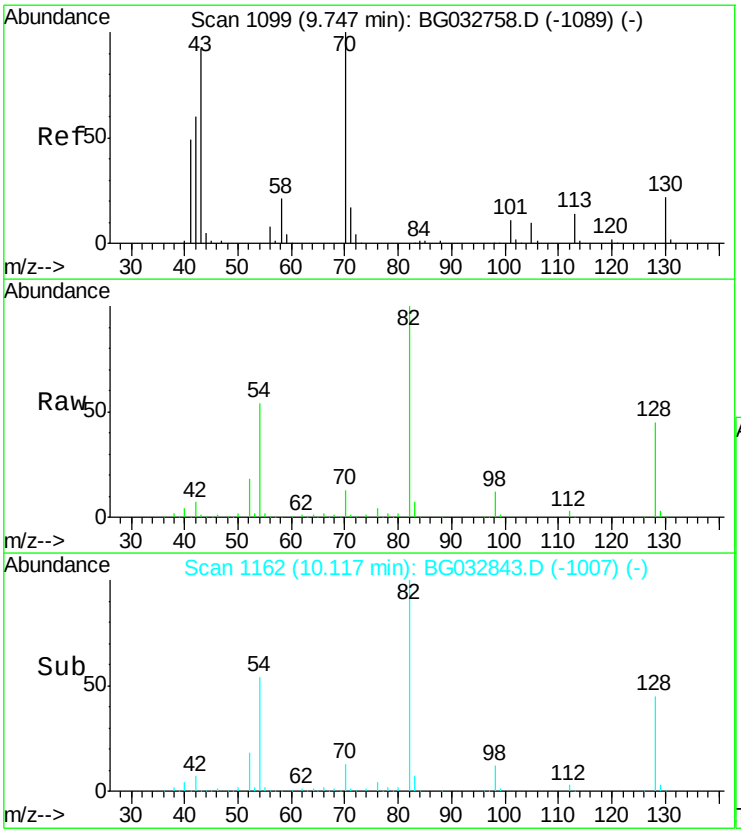
#7
Phenol-d6
Concen: 108.24 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 683652

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.1	21.1
71	31.0	26.1	39.1

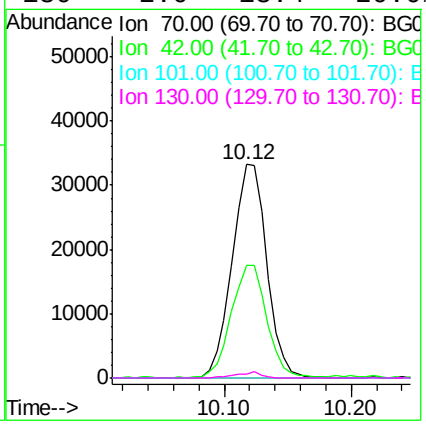


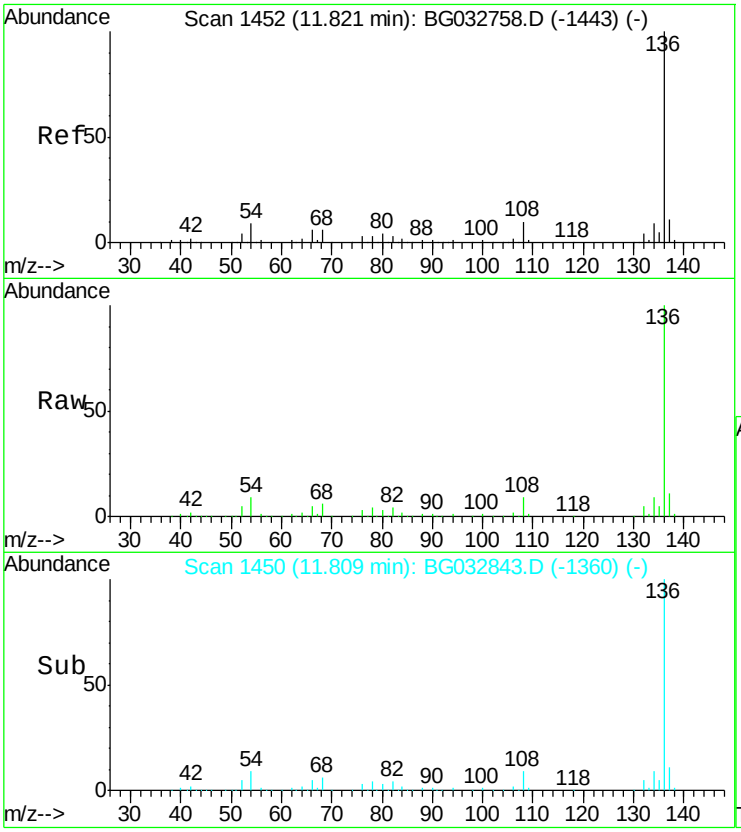


#19
n-Nitroso-di-n-propylamine
Concen: 14.13 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion: 70 Resp: 62994

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



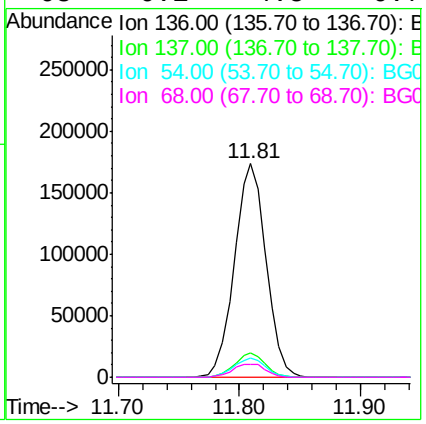


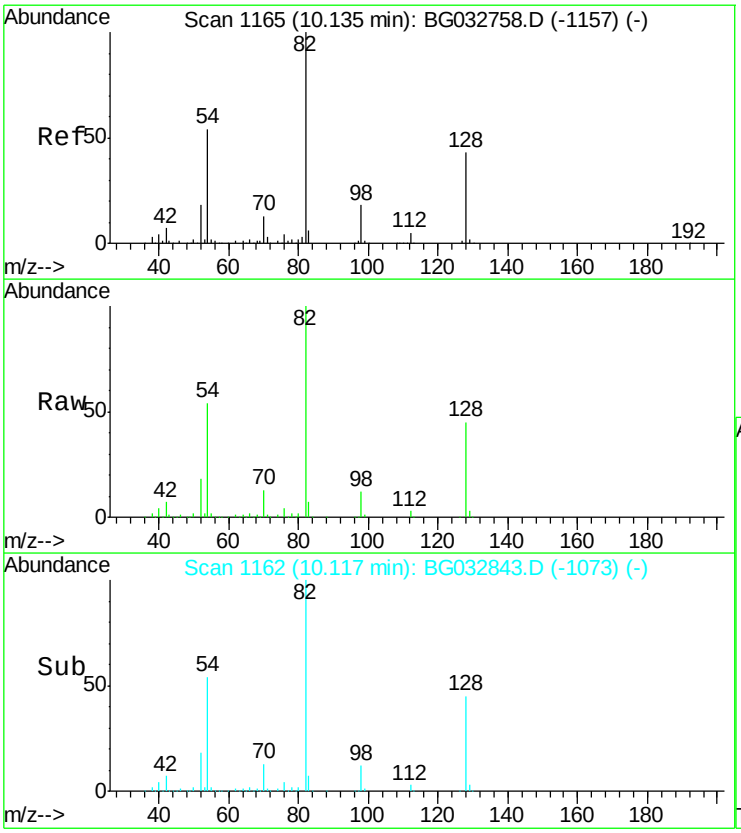
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 315717

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.1	10.3	15.5#
68	6.1	4.5	6.7

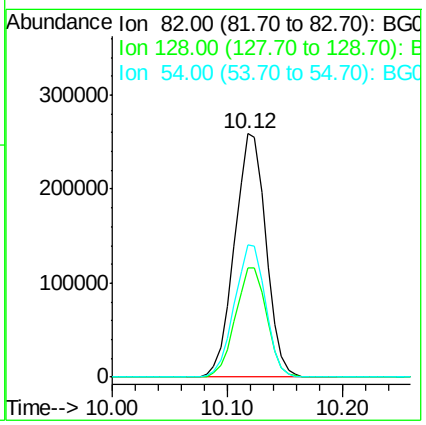


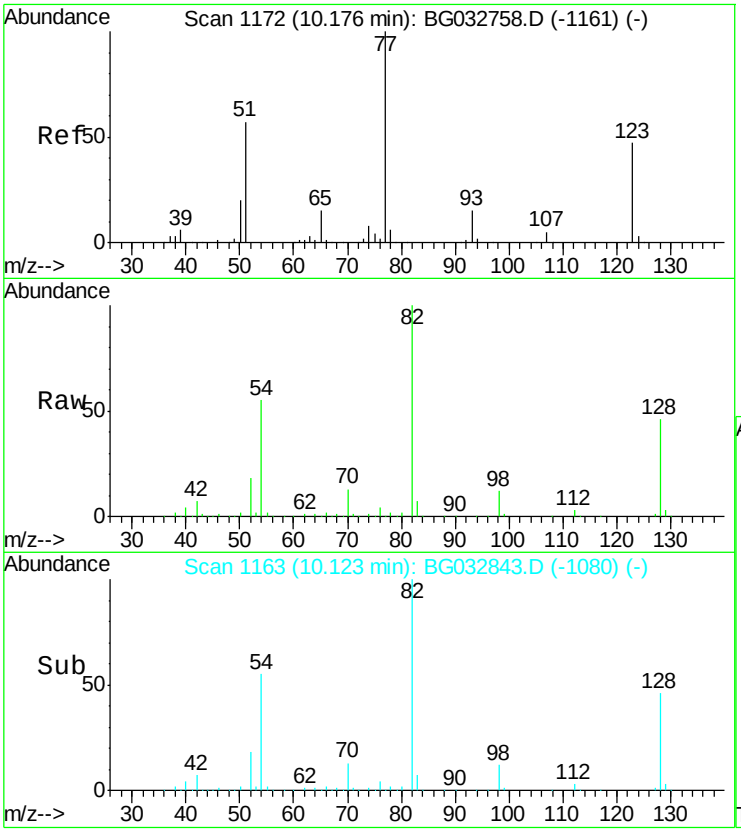


#23
Nitrobenzene-d5
Concen: 104.63 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion: 82 Resp: 487812

Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	54.4	43.1	64.7



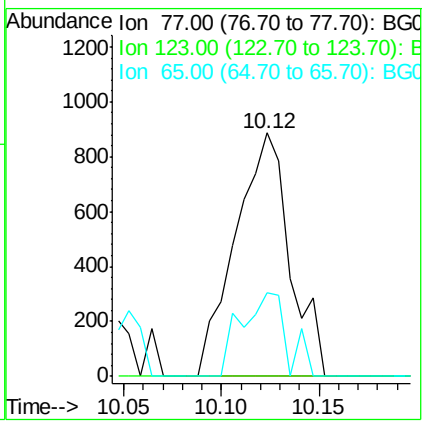


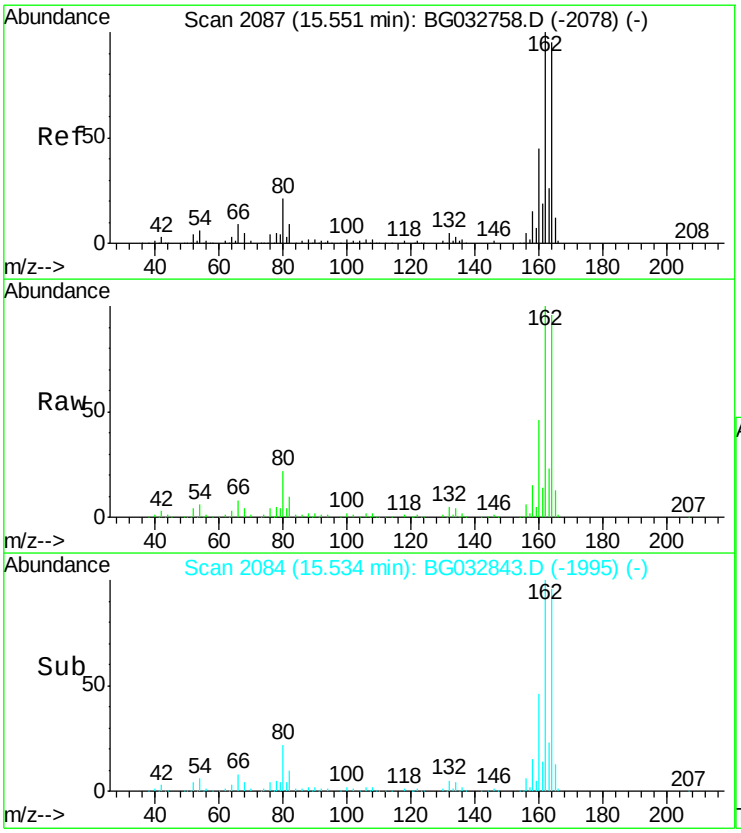
#24
Nitrobenzene
Concen: 6.68 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1712

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	34.4	13.0	19.6#

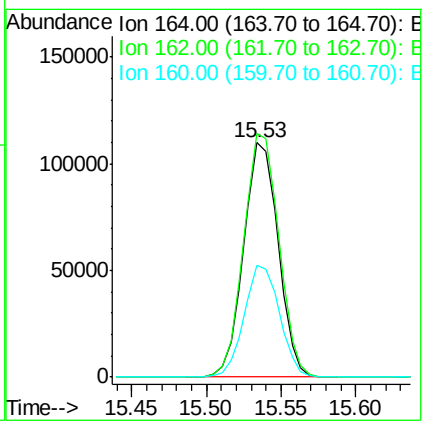


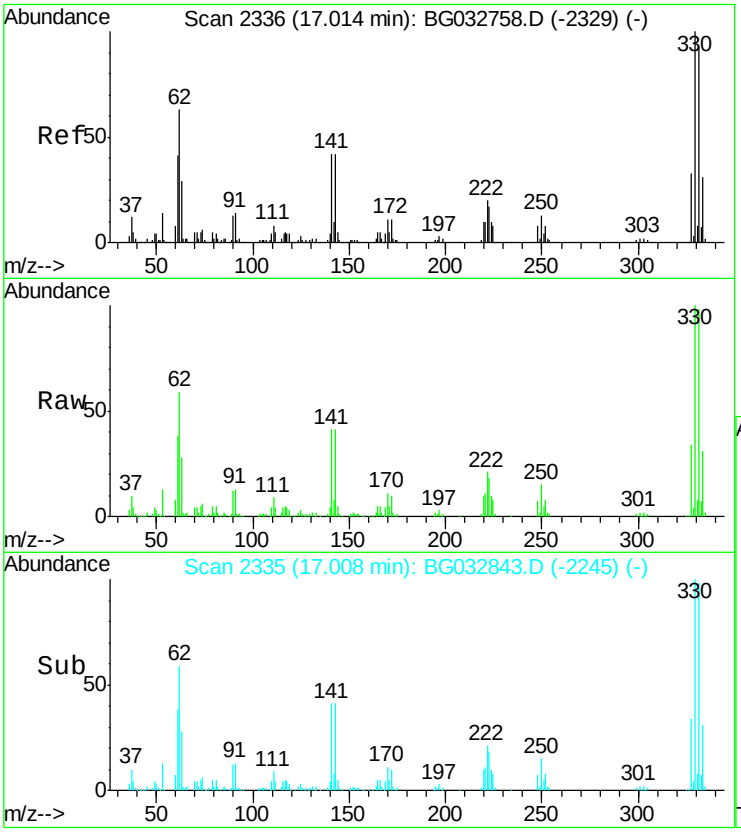


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:164 Resp: 175082

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	47.8	35.4	53.0



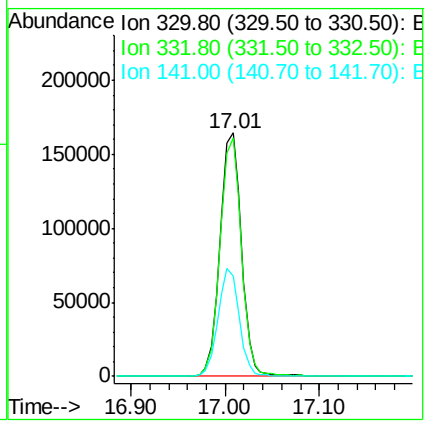


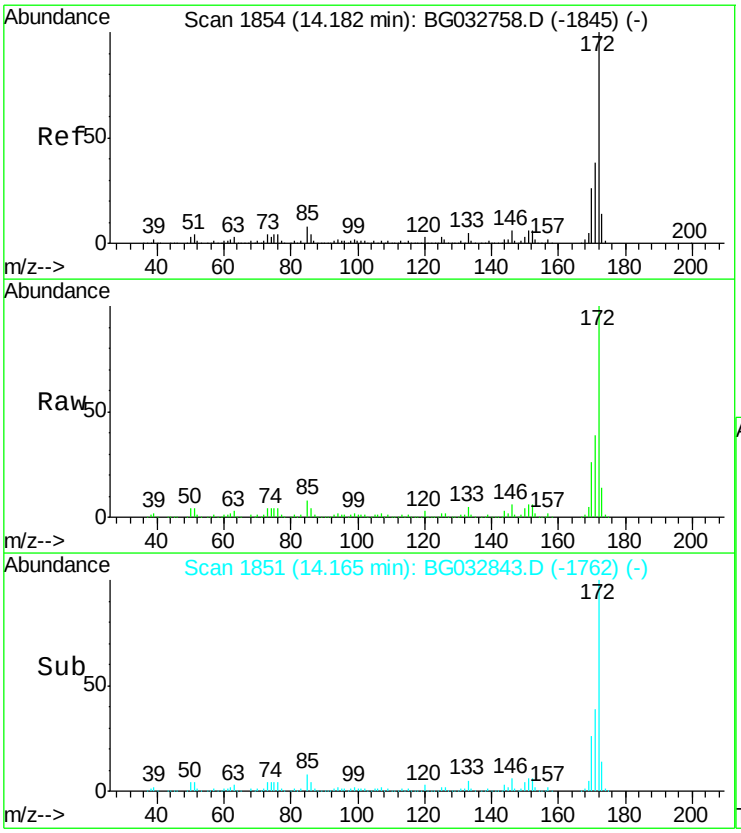
#41
2,4,6-Tribromophenol
Concen: 143.04 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 263321

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	43.9	25.2	37.8#

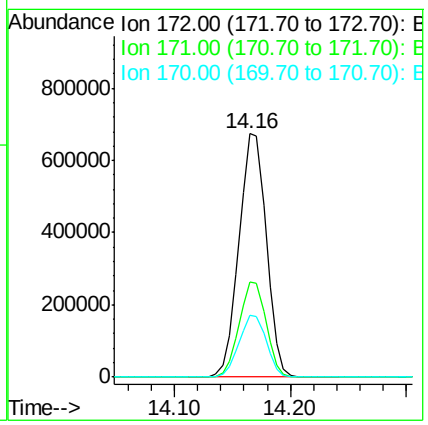


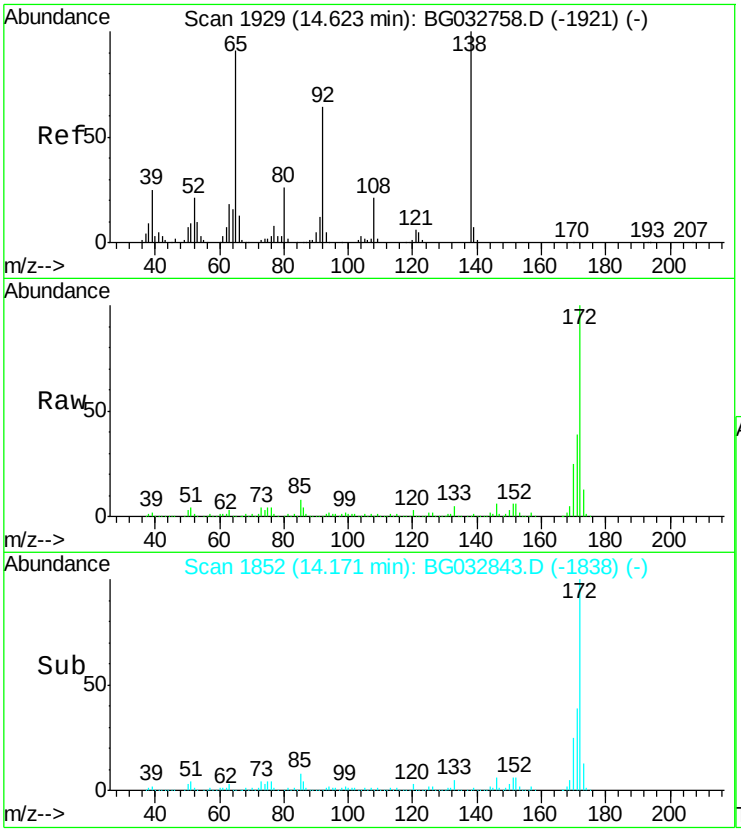


#44
2-Fluorobiphenyl
Concen: 91.30 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:172 Resp: 1108295

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.7	19.5	29.3



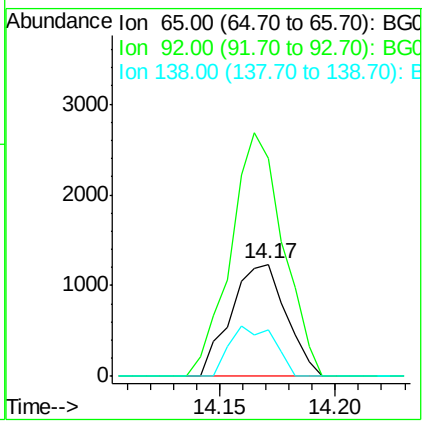


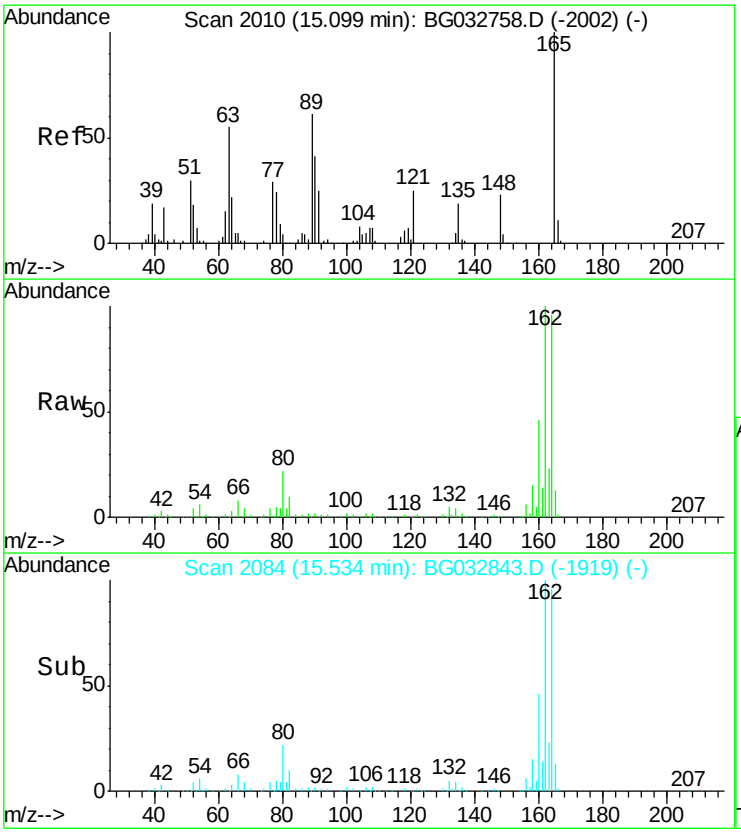
#47
2-Nitroaniline
Concen: 10.40 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2055

Ion	Ratio	Lower	Upper
65	100		
92	193.5	54.6	82.0#
138	41.8	72.9	109.3#

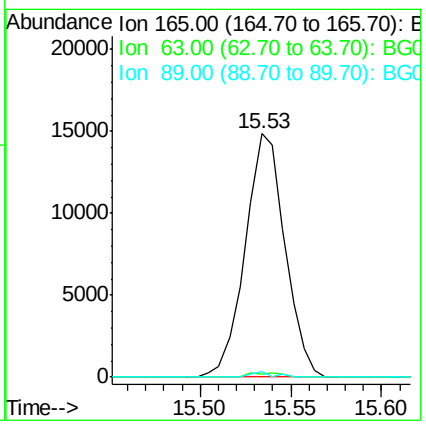


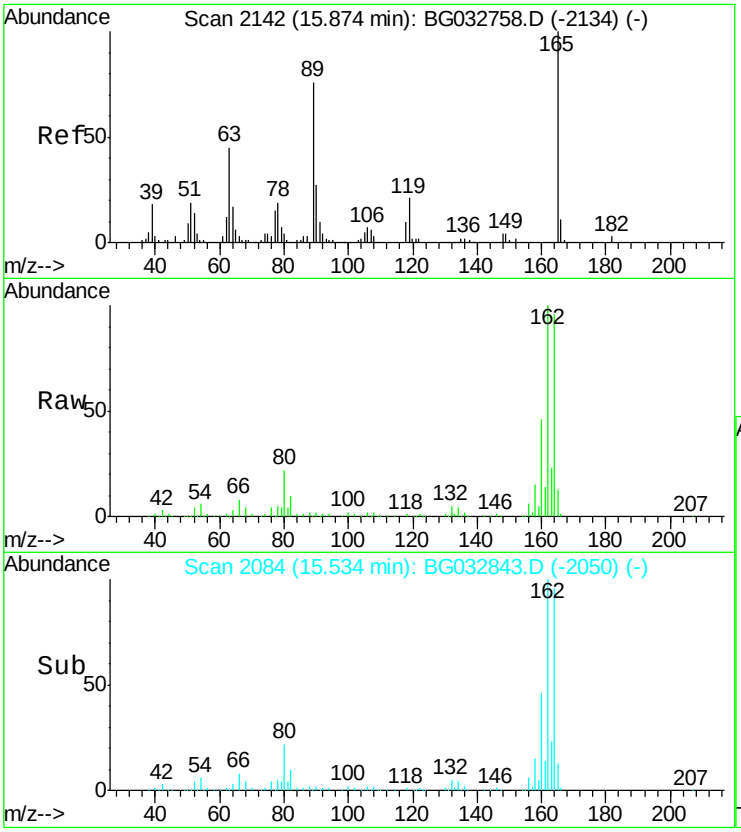


#50
2,6-Dinitrotoluene
Concen: 16.39 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	2.3	49.2	73.8#



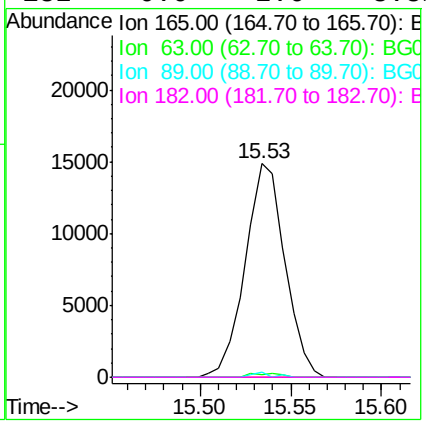


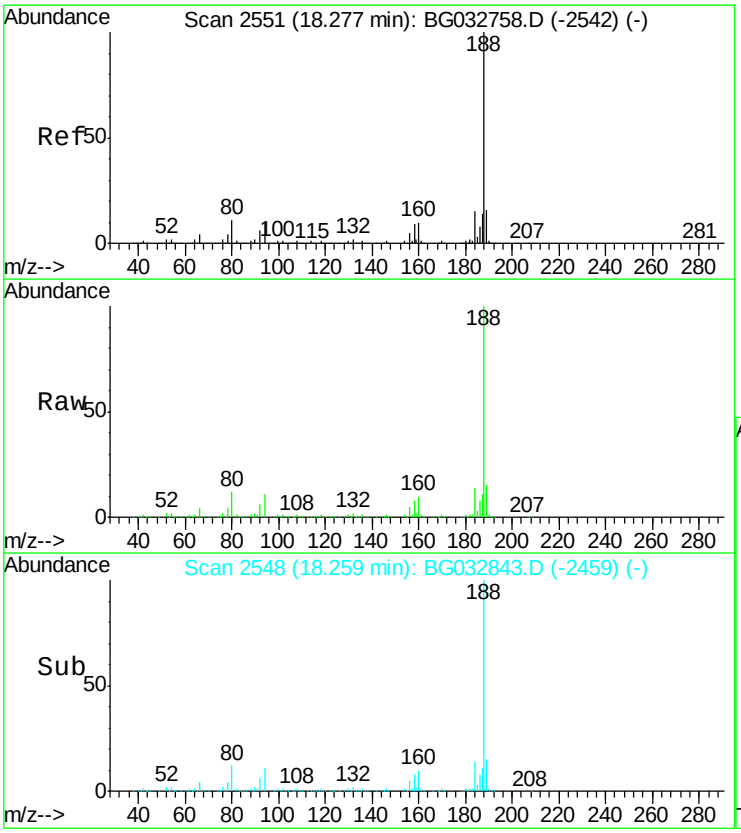
#56
2,4-Dinitrotoluene
Concen: 14.59 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

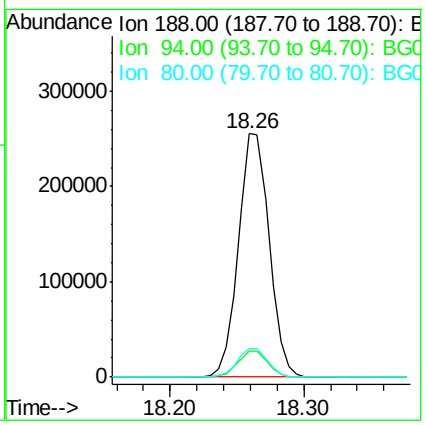


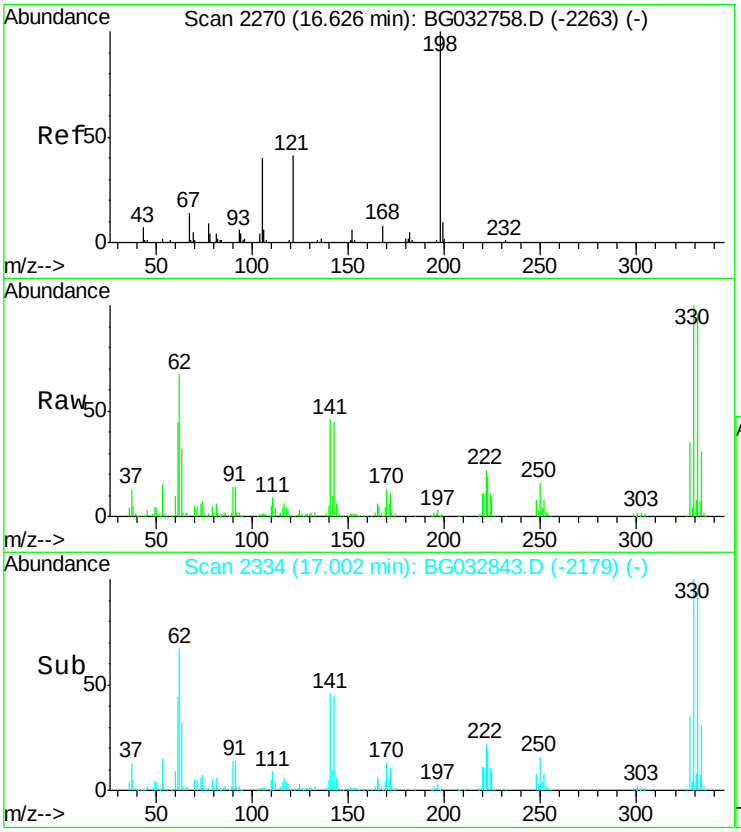


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:188 Resp: 405934

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.9	10.3#
80	11.7	7.7	11.5#



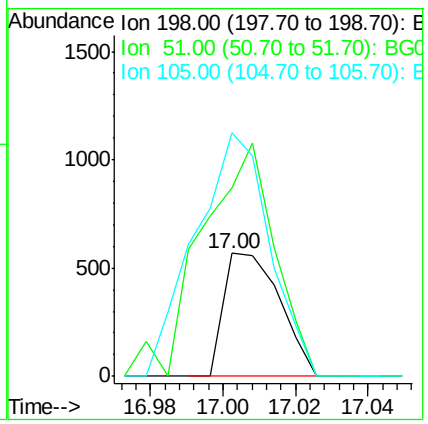


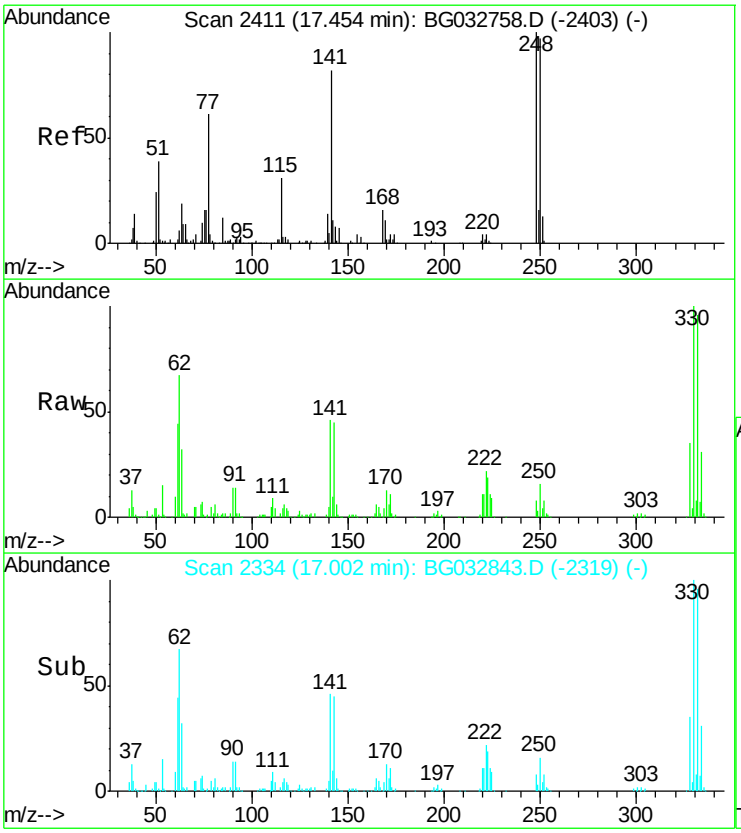
#64
4,6-Dinitro-2-methylphenol
Concen: 5.59 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 608

Ion	Ratio	Lower	Upper
198	100		
51	152.7	30.6	70.6#
105	197.5	23.8	63.8#

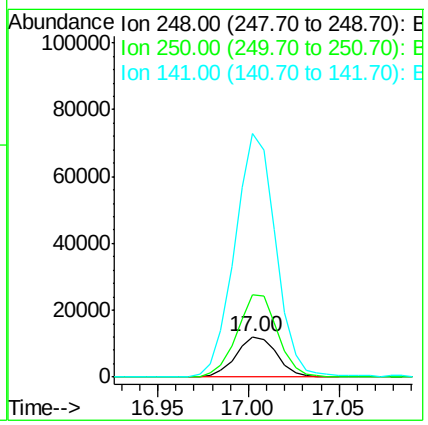


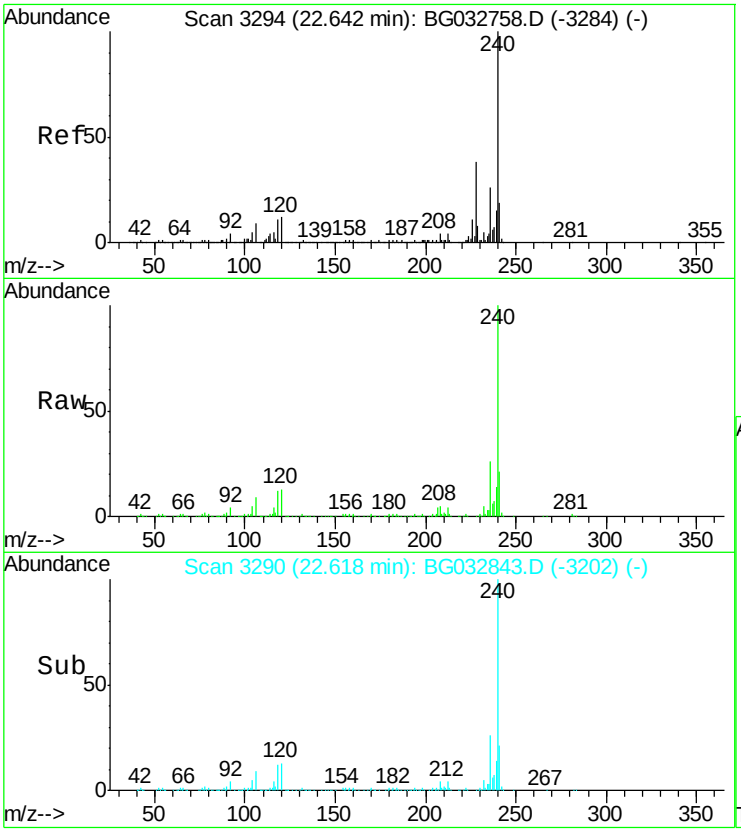


#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:248 Resp: 18986

Ion	Ratio	Lower	Upper
248	100		
250	204.5	77.1	115.7#
141	600.7	50.8	76.2#



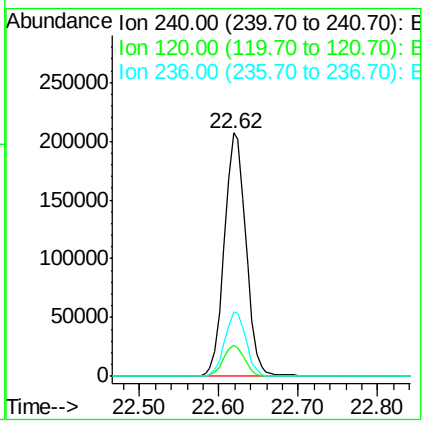


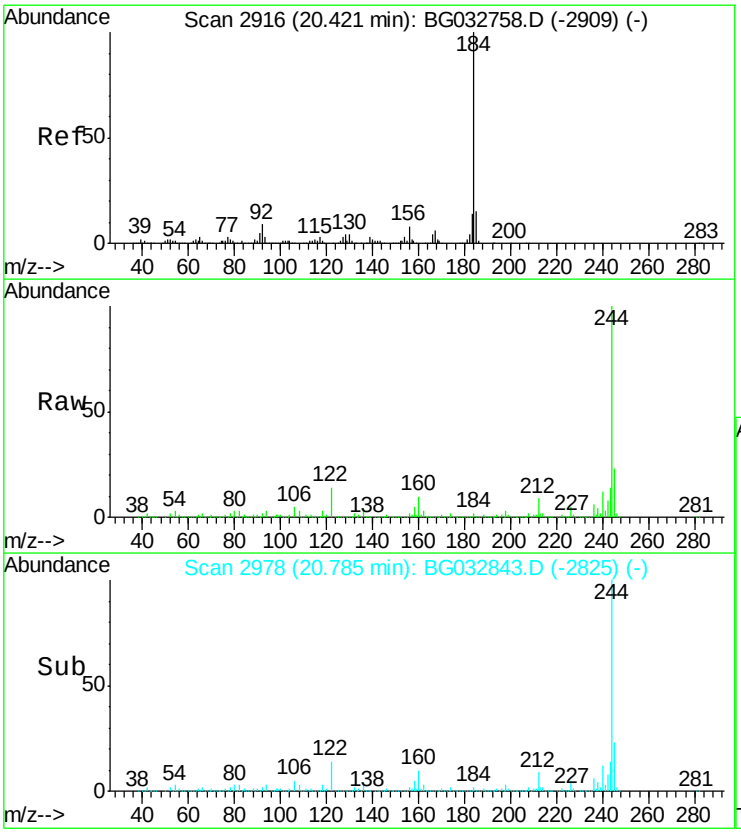
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 389933

Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	26.3	20.9	31.3

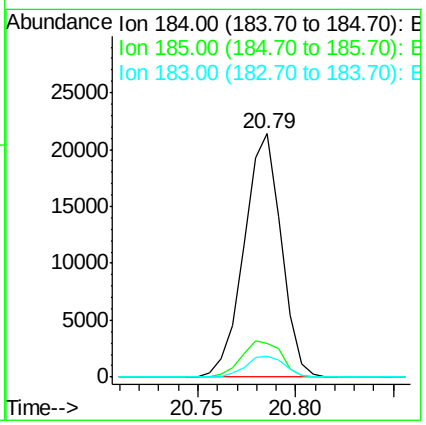


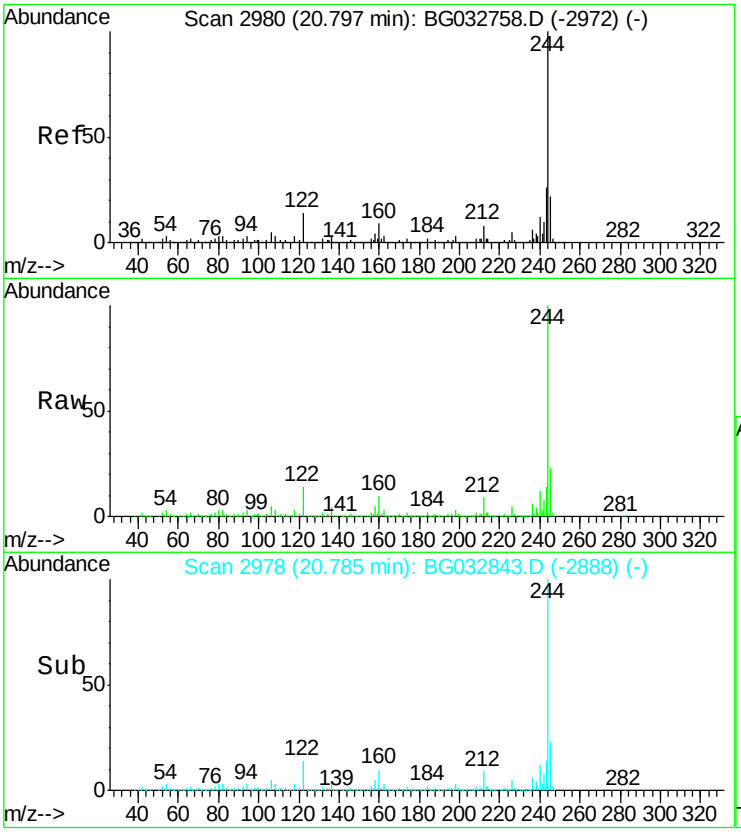


#76
Benzidine
Concen: 2.12 ng
RT: 20.79 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:184 Resp: 28170

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	8.8	10.6	16.0#



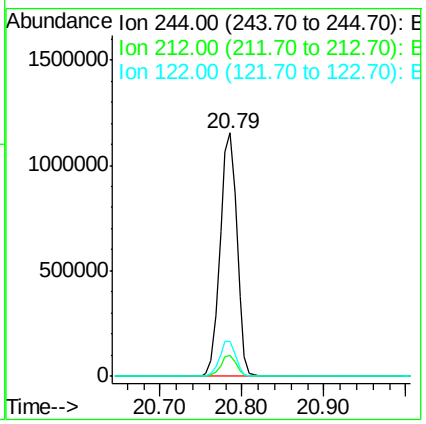


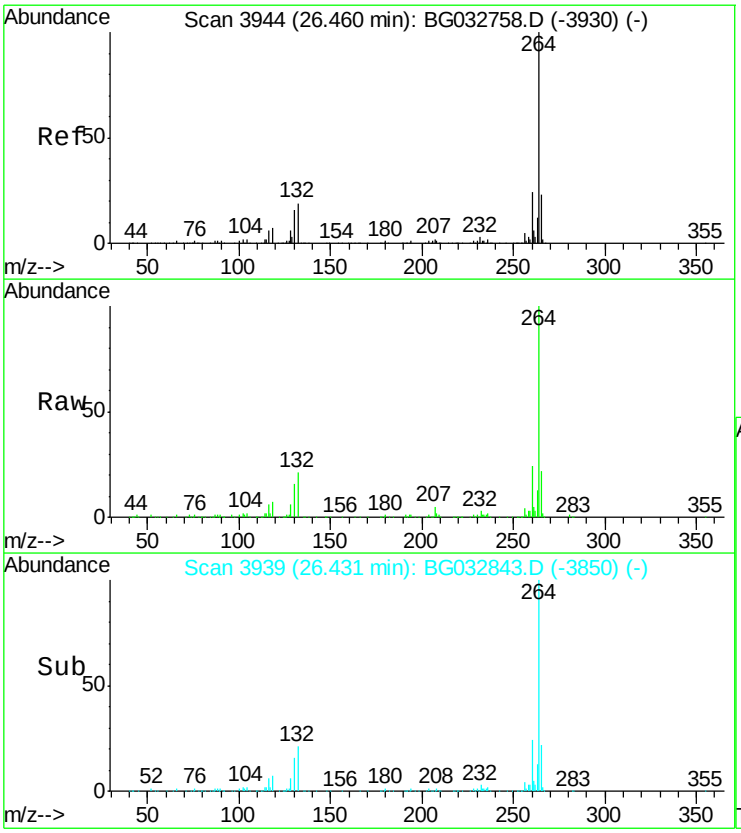
#78
Terphenyl-d14
Concen: 94.95 ng
RT: 20.79 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1647982

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	14.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:264 Resp: 395352

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.0	17.7	26.5