Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032961.D
Acq On : 3 Mar 2018 00:47
Operator : SJ/JU
Sample : PB107023BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 04:33:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	55388	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	245800	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	137429	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	335697	20.00	ng	0.00
75) Chrysene-d12	22.61	240	310724	20.00	ng	0.00
86) Perylene-d12	26.42	264	305335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	369545	106.74	ng	0.00
7) Phenol-d6	8.01	99	488095	101.15	ng	0.00
23) Nitrobenzene-d5	10.11	82	281077	80.01	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	150567	104.20	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	640433	67.21	ng	0.00
78) Terphenyl-d14	20.78	244	1005979	72.74	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	35528	10.429	ng	# 79
24) Nitrobenzene	10.11	77	742	6.544	ng	# 42
47) 2-Nitroaniline	14.16	65	989	10.183	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	17821	16.415	ng	# 19
56) 2,4-Dinitrotoluene	15.53	165	17821	14.613	ng	# 17
61) 4-Nitroaniline	17.00	138	55	5.319	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.99	198	597	5.704	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	11200	3.155	ng	# 1

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

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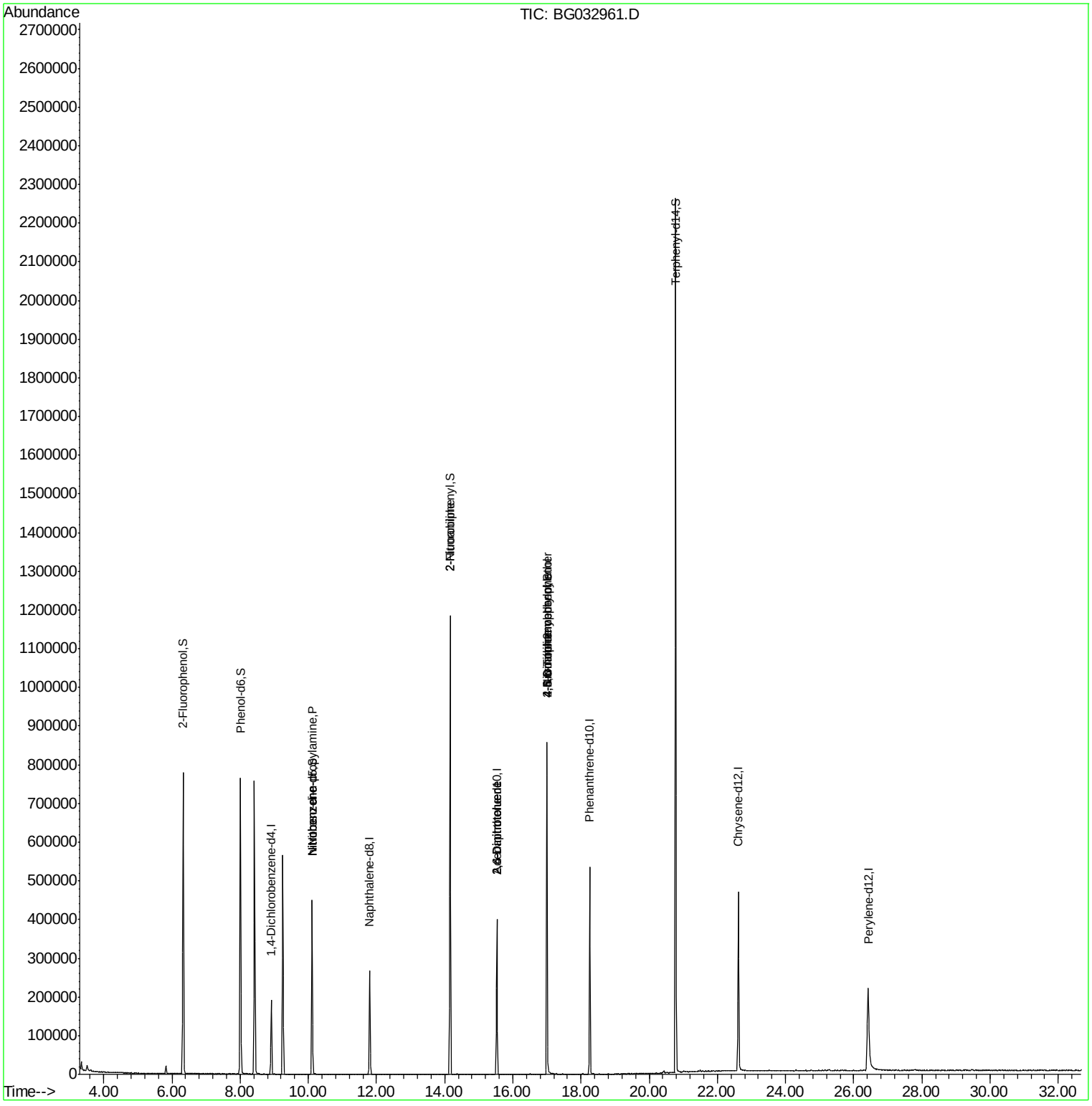
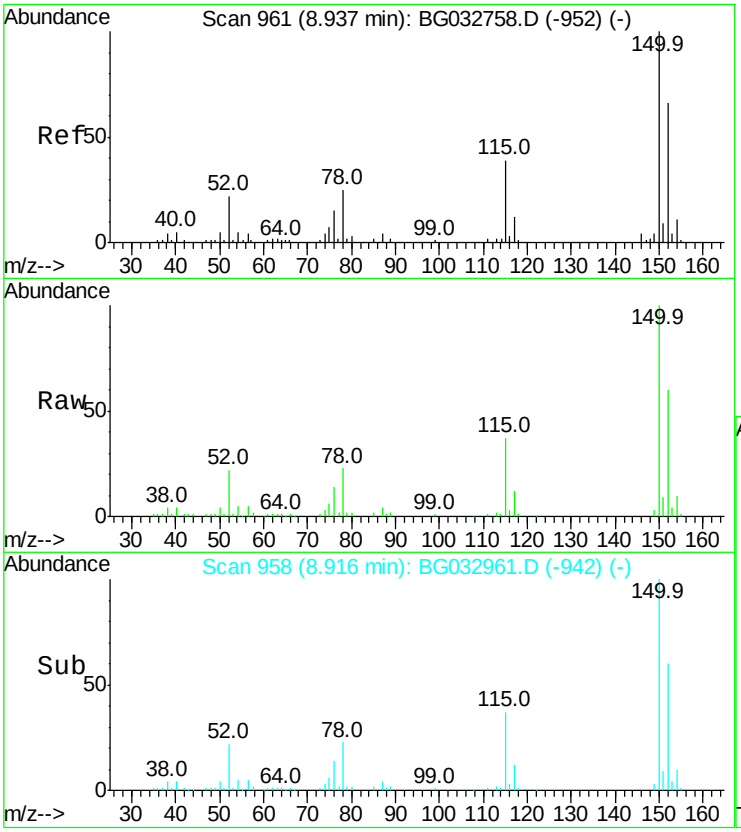
Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 04:33:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



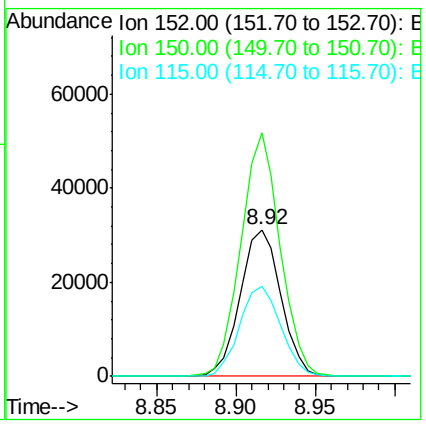


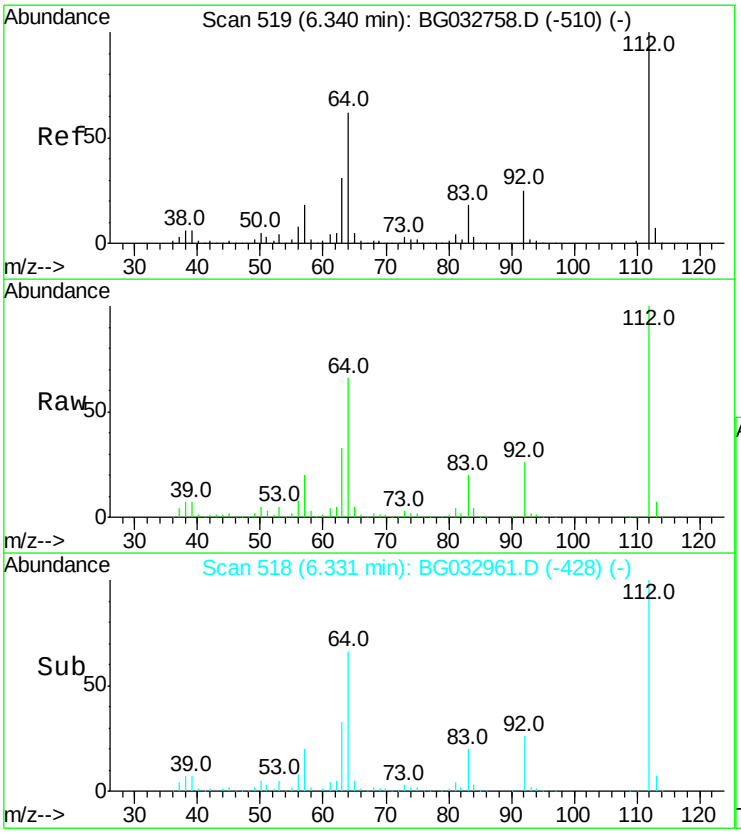
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55388

Ion	Ratio	Lower	Upper
152	100		
150	165.8	126.6	189.8
115	61.2	53.0	79.4

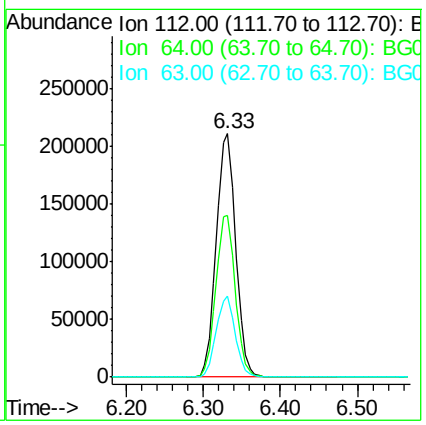


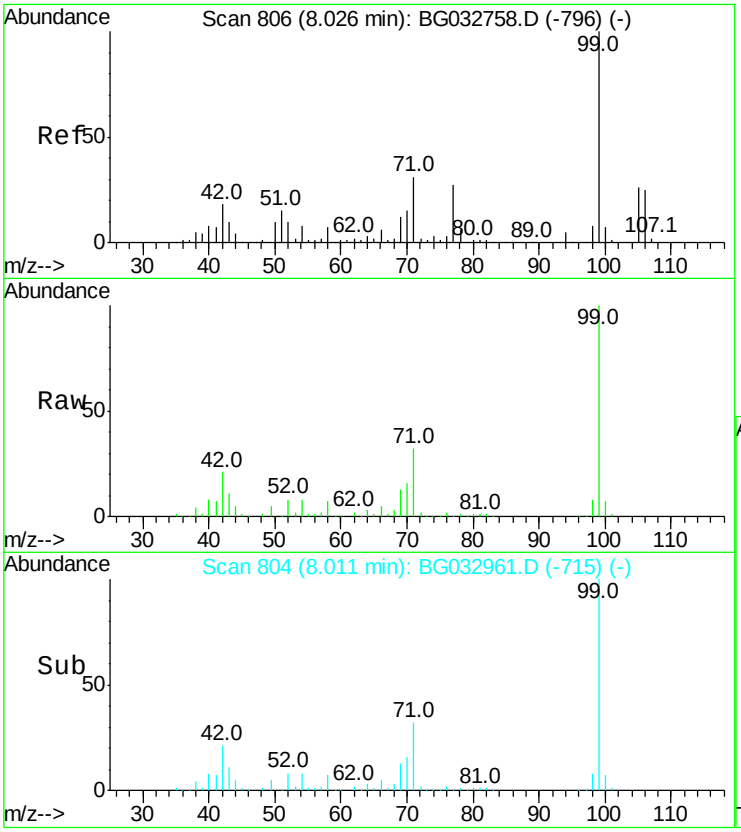


#5
2-Fluorophenol
Concen: 106.741 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:112 Resp: 369545

Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.3	84.5
63	33.1	30.1	45.1



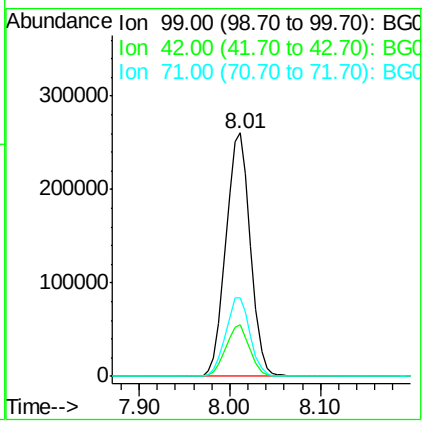


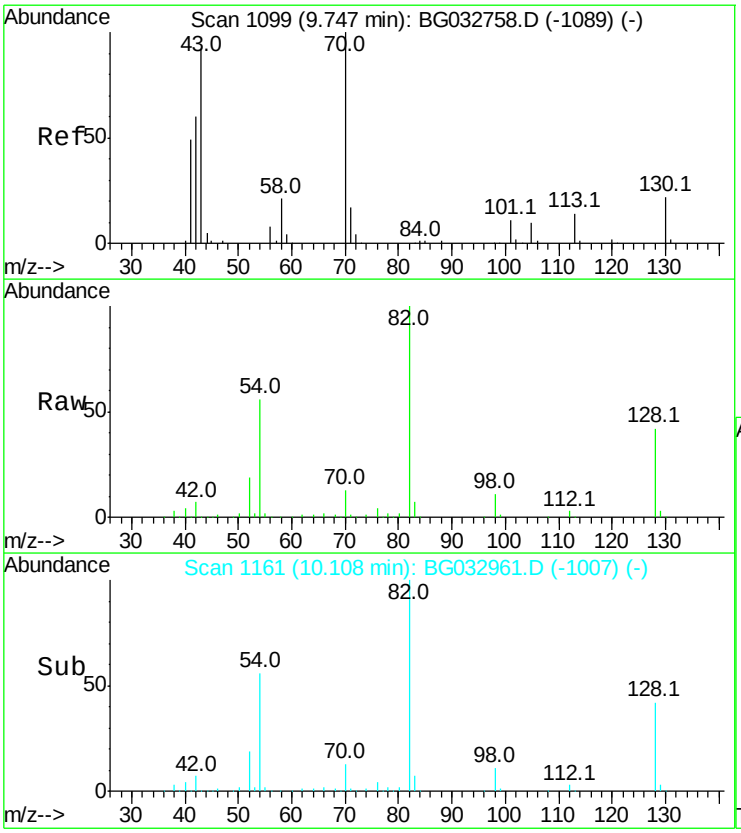
#7
Phenol-d6
Concen: 101.146 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 488095

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	32.2	26.1	39.1

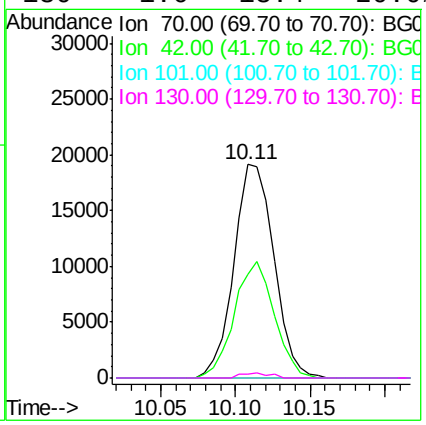


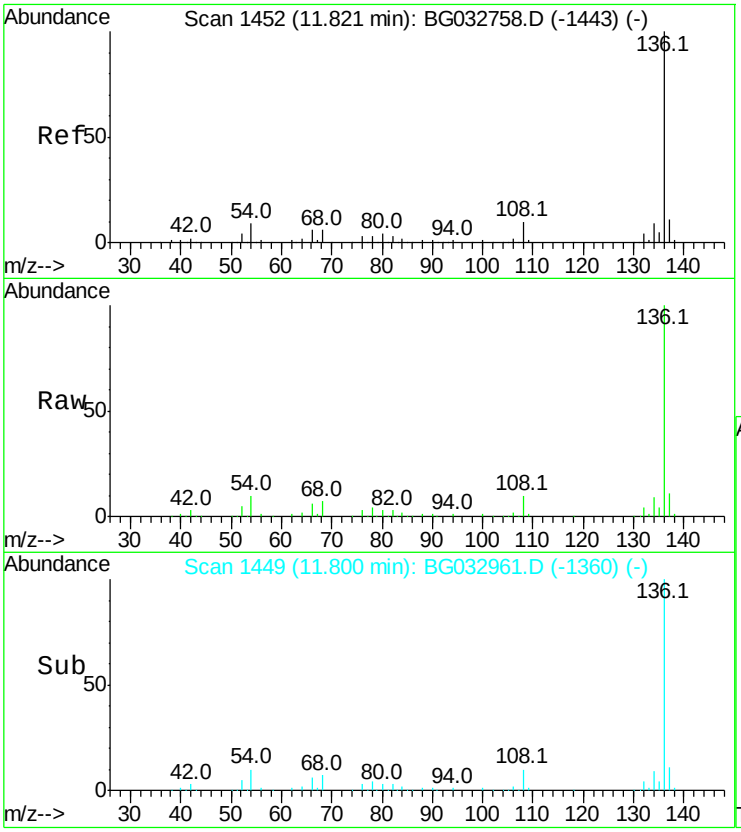


#19
n-Nitroso-di-n-propylamine
Concen: 10.429 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.38 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion: 70 Resp: 35528

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



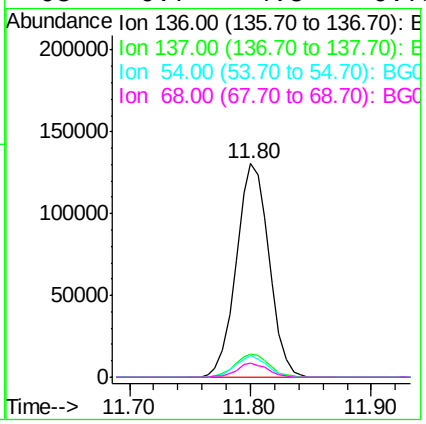


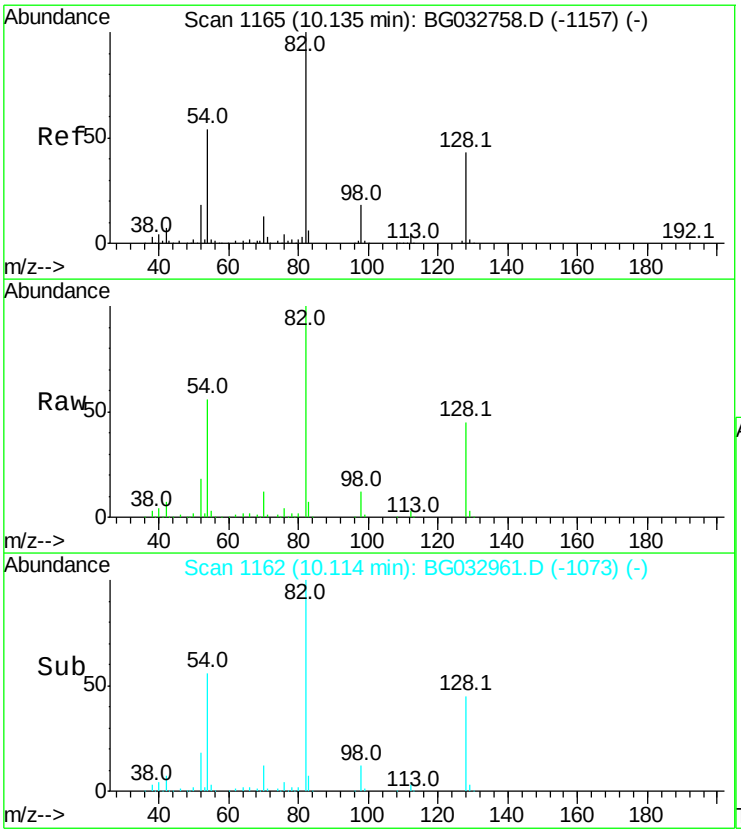
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 245800

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	10.1	10.3	15.5#
68	6.7	4.5	6.7#

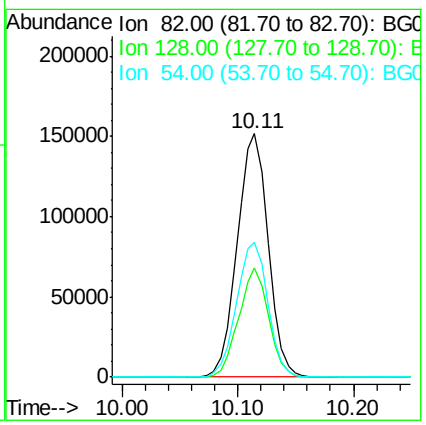


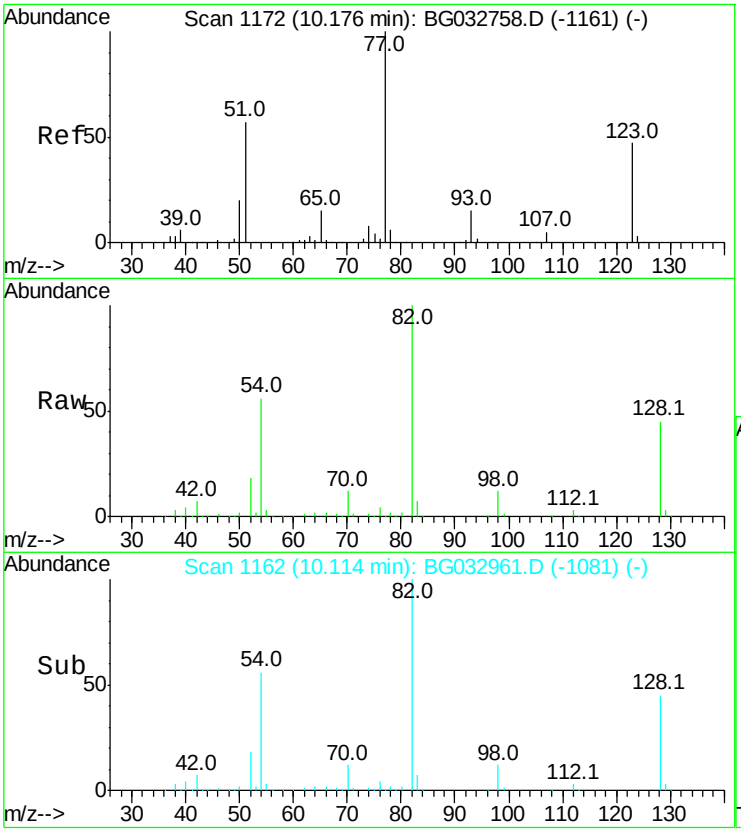


#23
Nitrobenzene-d5
Concen: 80.013 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion: 82 Resp: 281077

Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	55.6	43.1	64.7



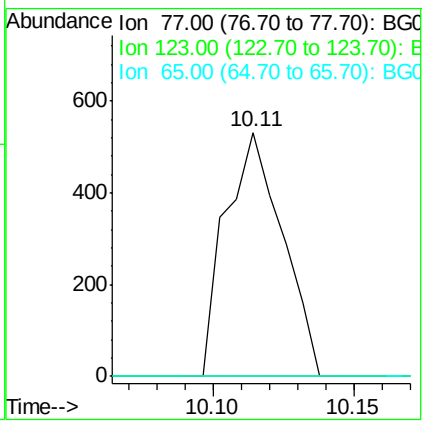


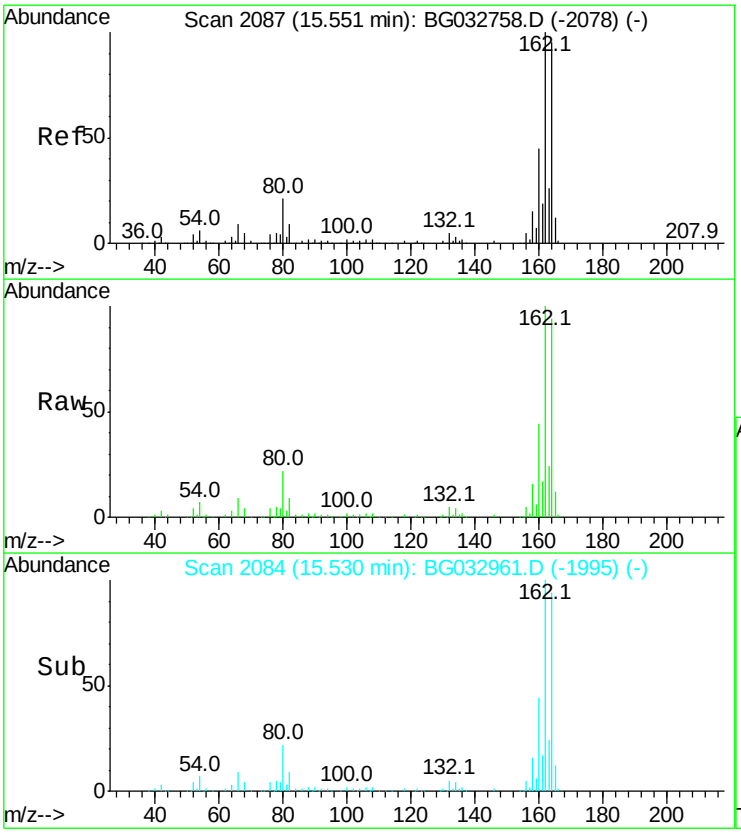
#24
Nitrobenzene
Concen: 6.544 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 742

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

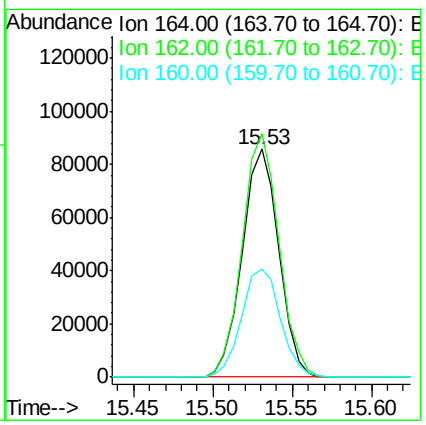


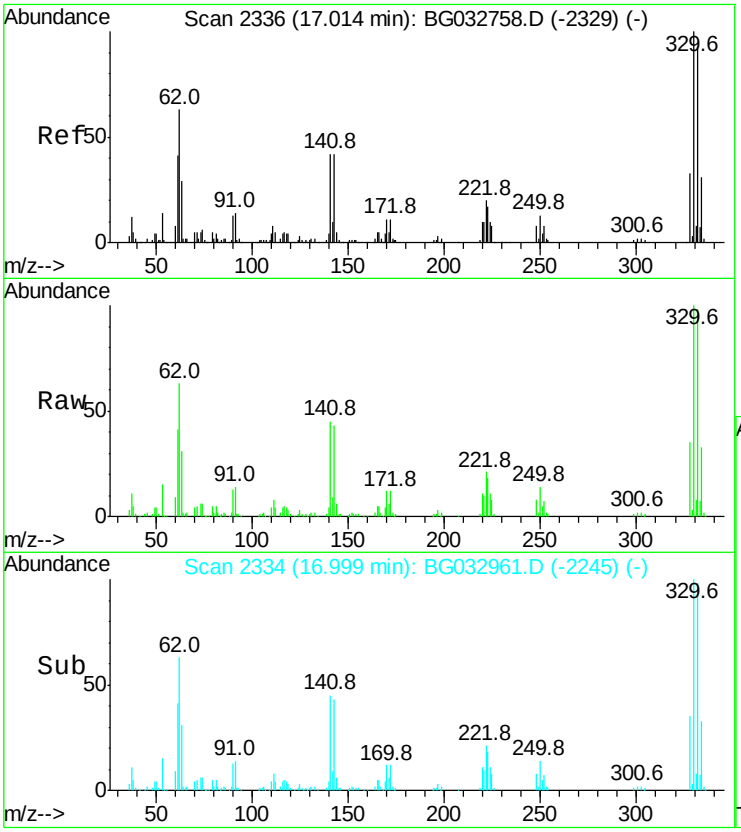


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:164 Resp: 137429

Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	47.5	35.4	53.0



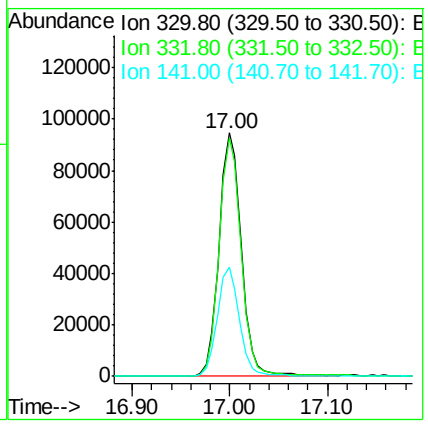


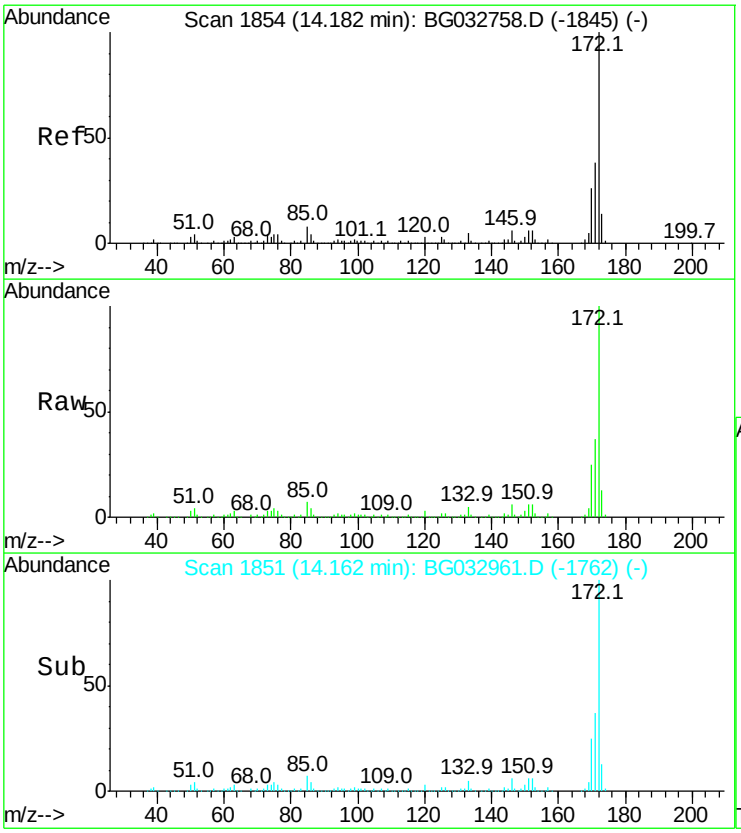
#41
2,4,6-Tribromophenol
Concen: 104.197 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 150567

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	44.2	25.2	37.8#

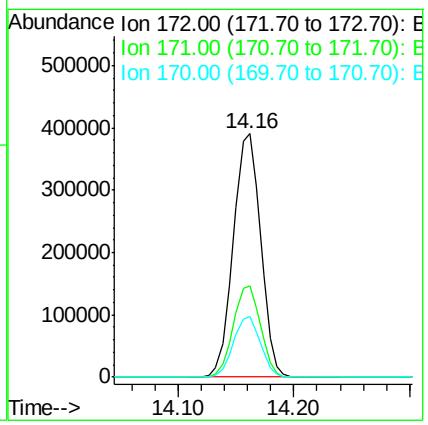


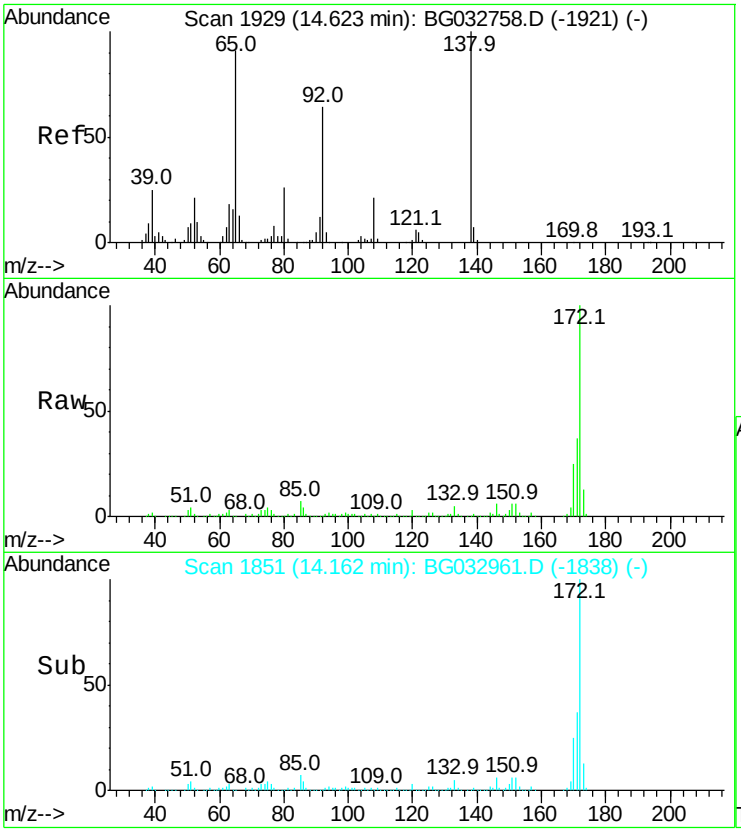


#44
2-Fluorobiphenyl
Concen: 67.210 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:172 Resp: 640433

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.6	19.5	29.3



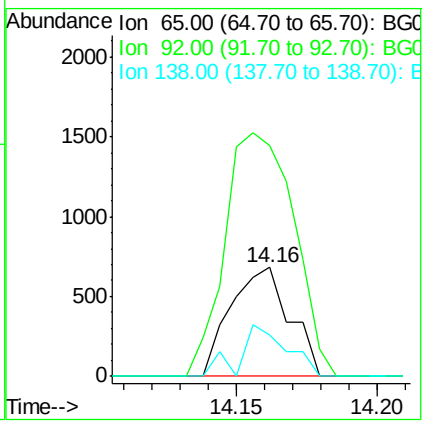


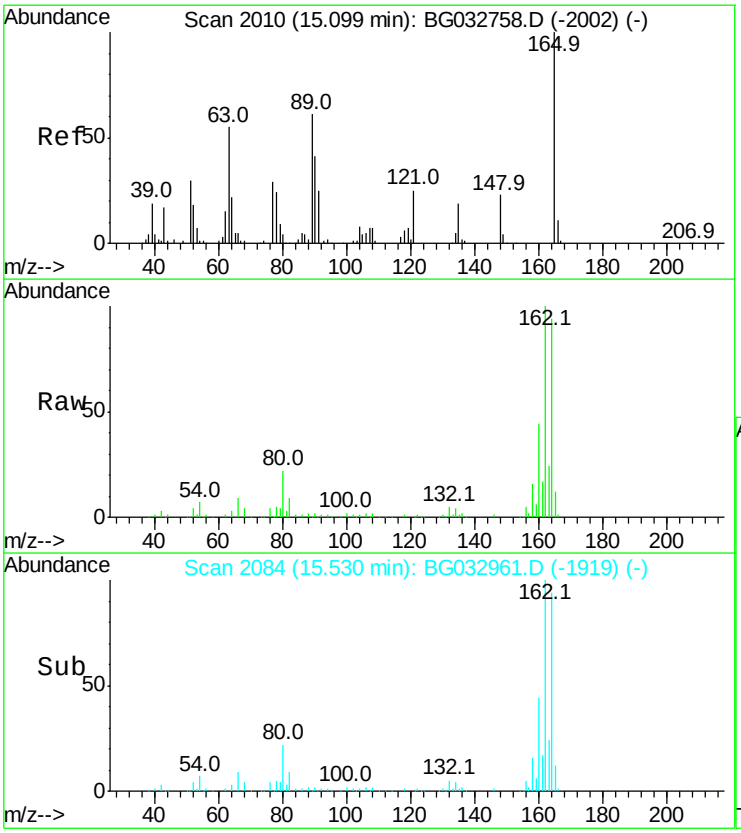
#47
2-Nitroaniline
Concen: 10.183 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 989

Ion	Ratio	Lower	Upper
65	100		
92	211.7	54.6	82.0#
138	37.8	72.9	109.3#

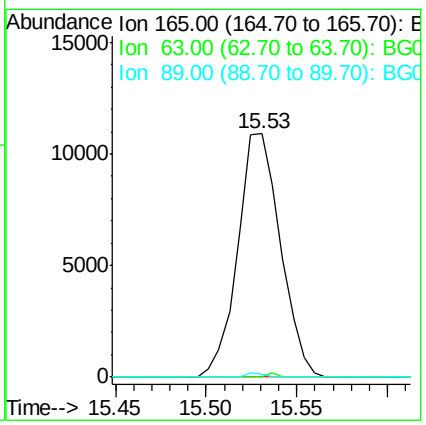


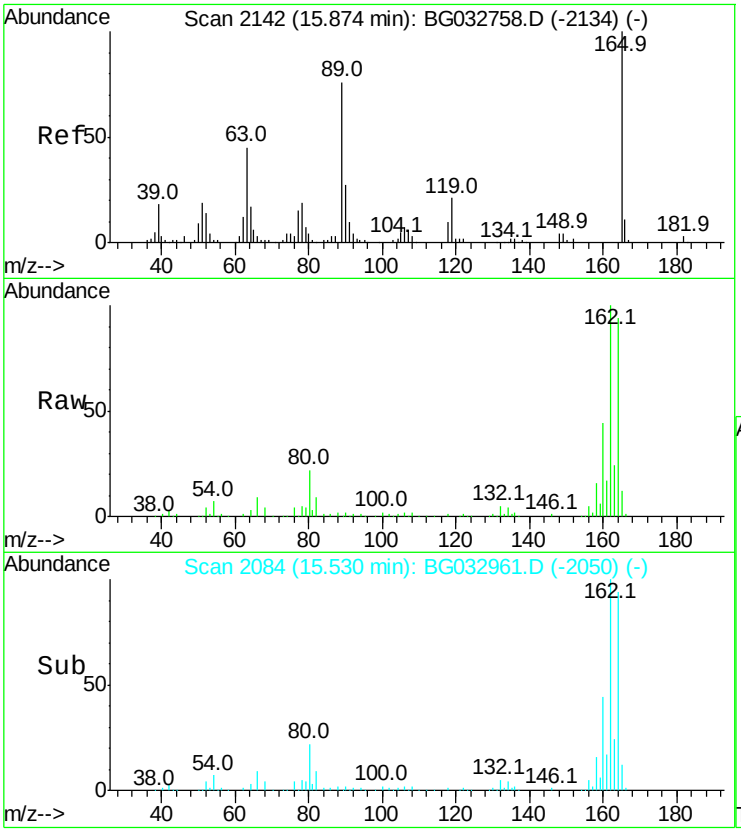


#50
2,6-Dinitrotoluene
Concen: 16.415 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:165 Resp: 17821

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.4	49.2	73.8#



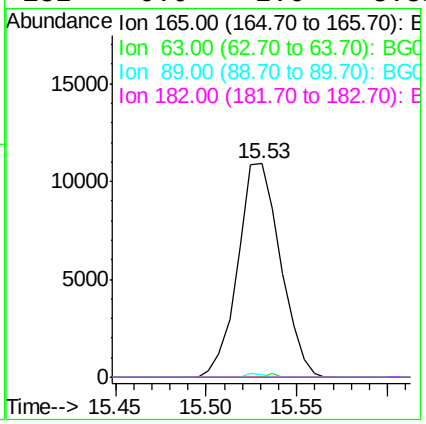


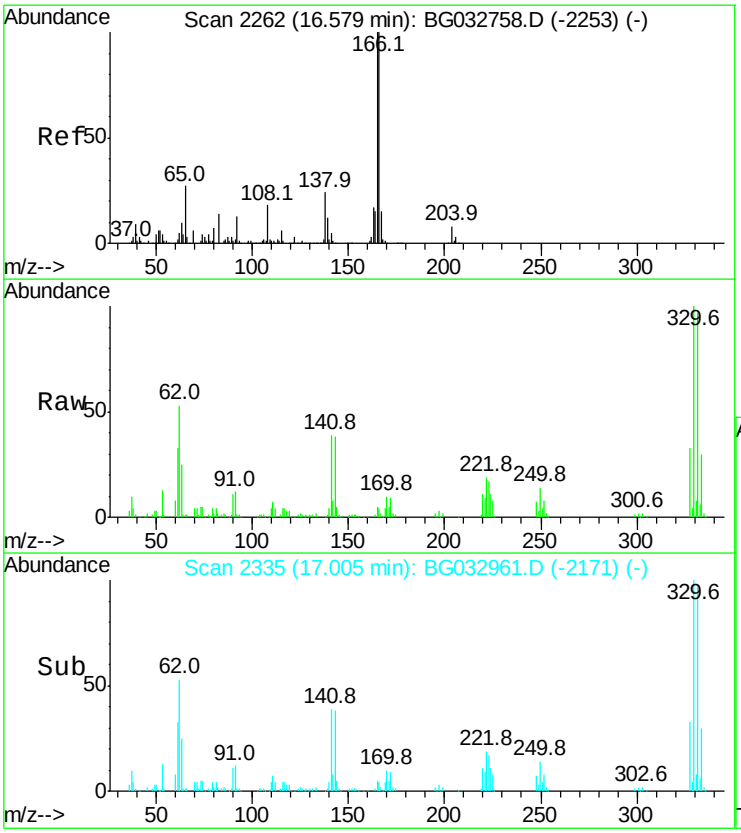
#56
2,4-Dinitrotoluene
Concen: 14.613 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17821

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#

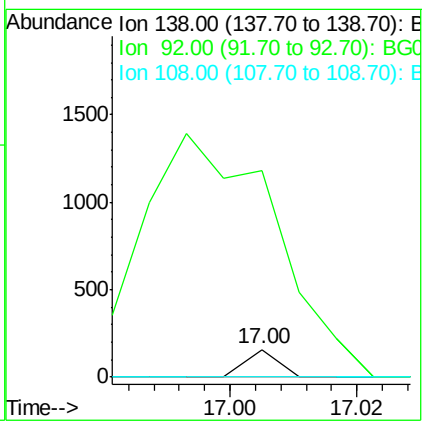


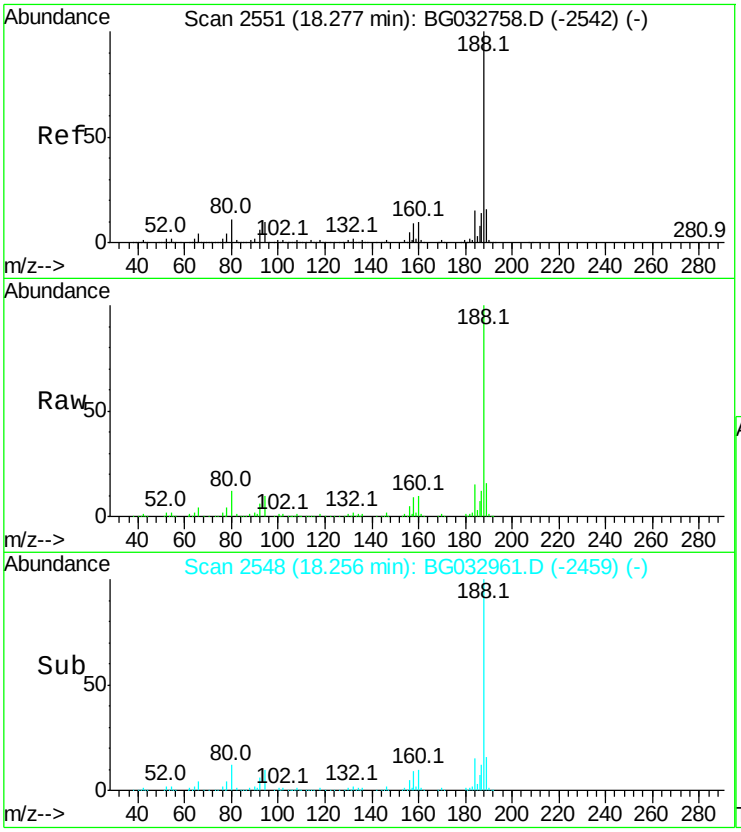


#61
4-Nitroaniline
Concen: 5.319 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.44 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
92	759.0	40.1	80.1#
108	0.0	65.4	105.4#



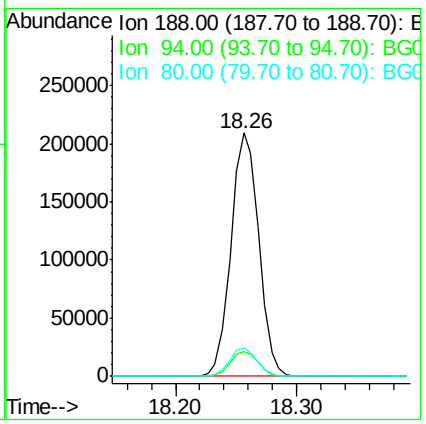


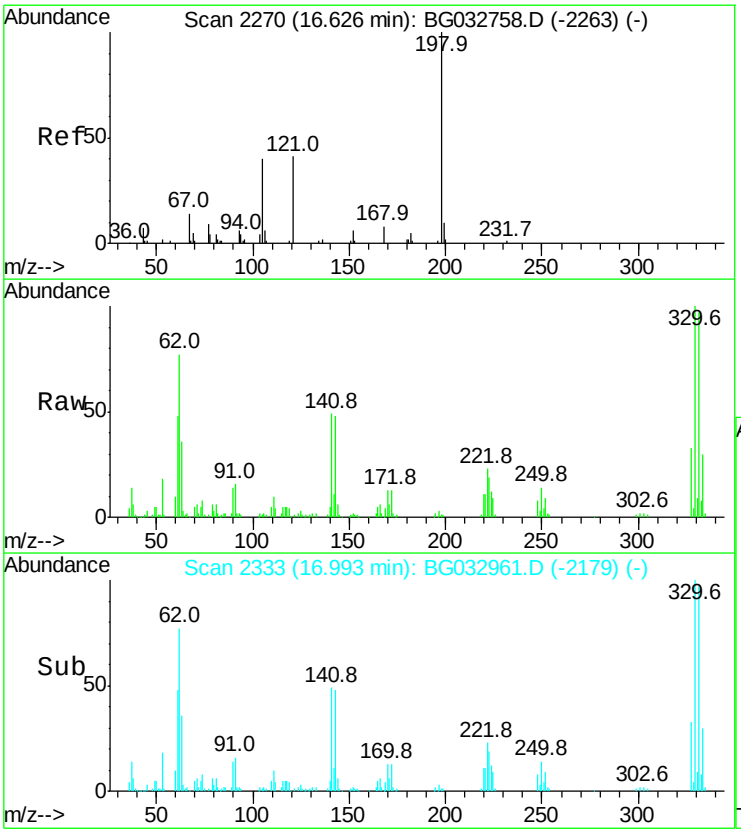
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 335697

Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.9	10.3
80	11.6	7.7	11.5#

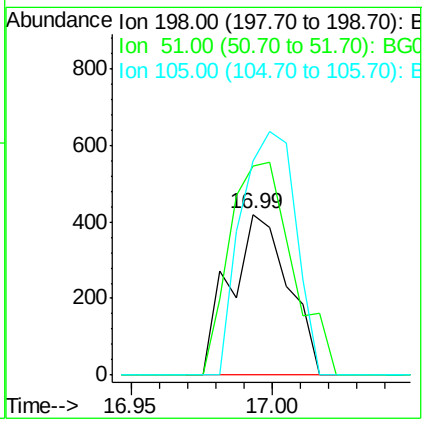


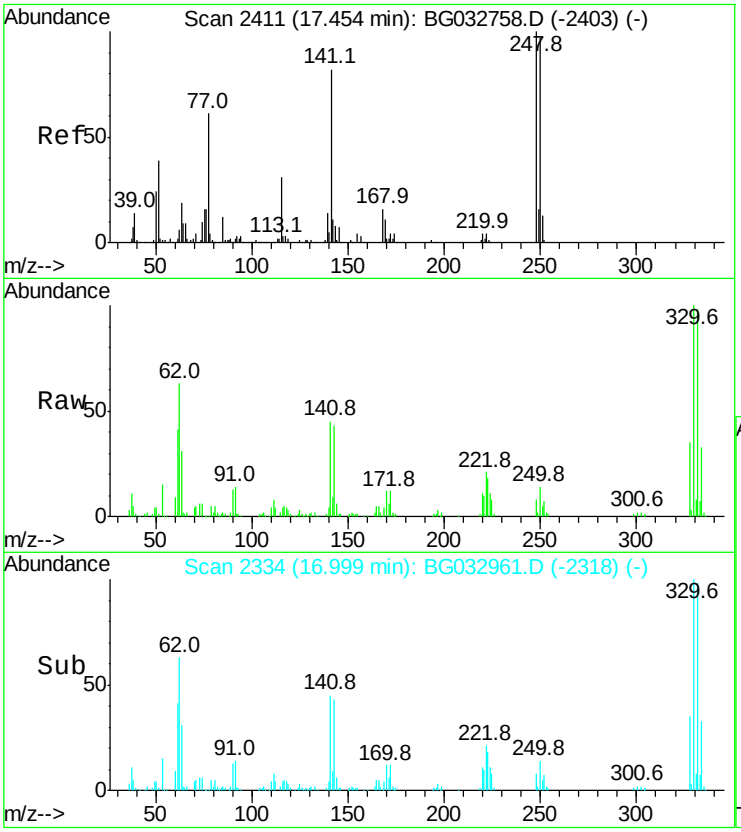


#64
4,6-Dinitro-2-methylphenol
Concen: 5.704 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:198 Resp: 597

Ion	Ratio	Lower	Upper
198	100		
51	130.3	30.6	70.6#
105	133.4	23.8	63.8#



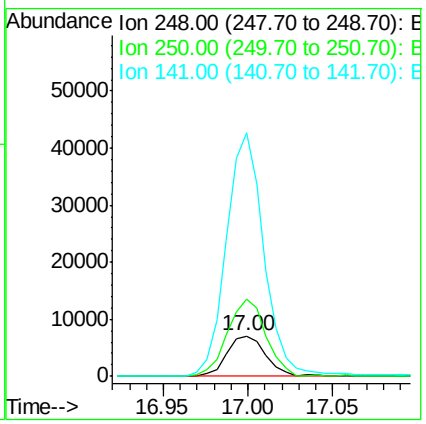


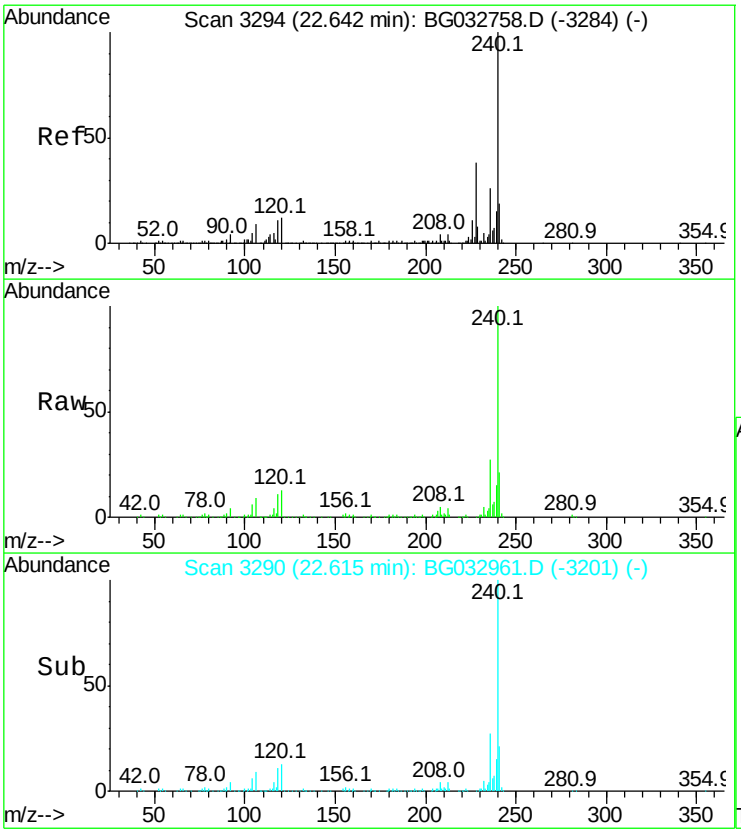
#66
4-Bromophenyl-phenylether
Concen: 3.155 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11200

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.1	115.7#
141	601.1	50.8	76.2#

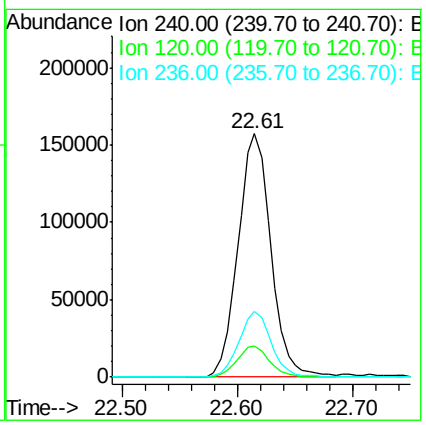


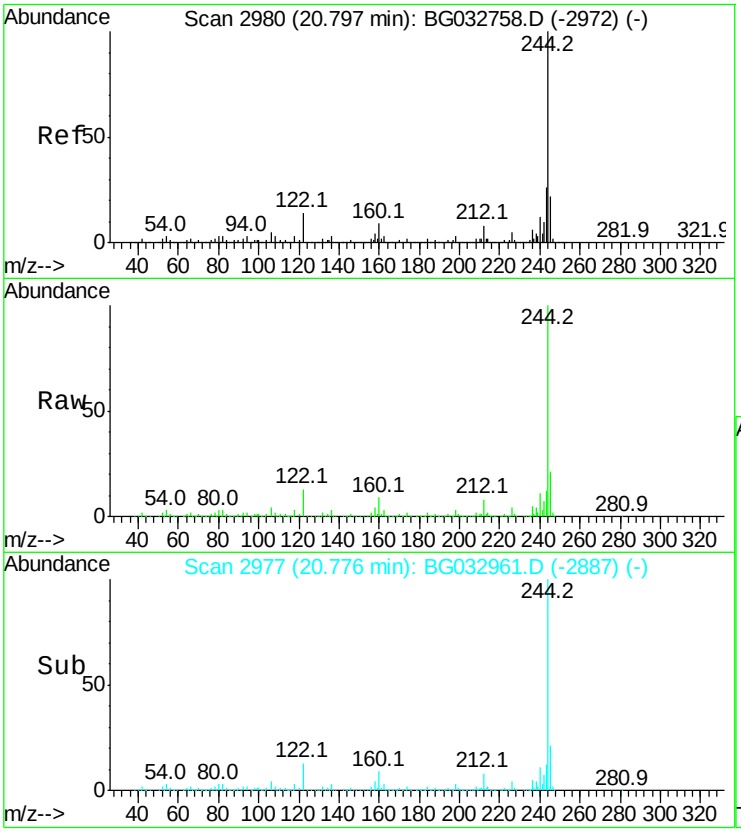


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:240 Resp: 310724

Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	27.2	20.9	31.3



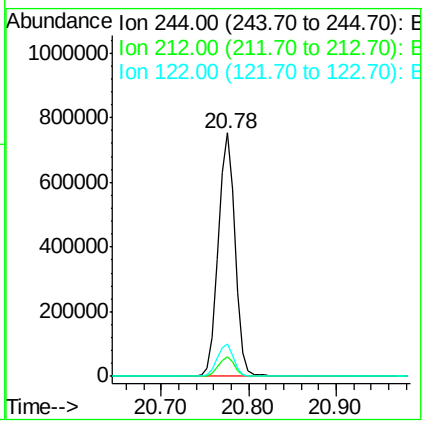


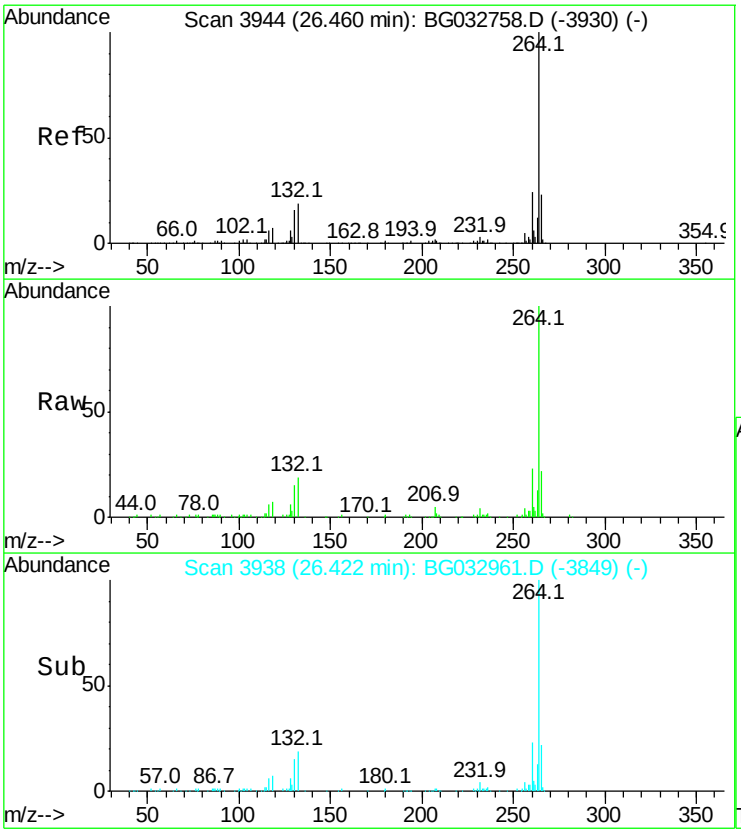
#78
Terphenyl-d14
Concen: 72.739 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1005979

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	13.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.00 min
Lab File: BG032961.D
Acq: 3 Mar 2018 00:47

Tgt Ion:264 Resp: 305335

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.9	17.7	26.5