Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034012.D
Acq On : 26 Apr 2018 7:55
Operator : SJ/JU
Sample : J2158-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 26 15:06:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	58989	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	264515	20.00	ng	-0.02
38) Acenaphthene-d10	14.45	164	183716	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	500081	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	554983	20.00	ng	-0.03
86) Perylene-d12	24.52	264	549390	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	522686	141.46	ng	0.00
7) Phenol-d6	7.00	99	650796	120.76	ng	0.00
23) Nitrobenzene-d5	8.97	82	480768	103.44	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	383607	178.98	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1242056	99.32	ng	-0.02
78) Terphenyl-d14	19.85	244	2386284	96.60	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	1093	Below Cal	#	27
19) n-Nitroso-di-n-propylamine	8.97	70	66835	14.549	ng	# 79
31) Naphthalene	10.66	128	37989	2.793	ng	99
50) 2,6-Dinitrotoluene	14.45	165	24302	7.935	ng	# 21
56) 2,4-Dinitrotoluene	14.45	165	24302	5.967	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.95	198	4050	7.944	ng	# 67
66) 4-Bromophenyl-phenylether	15.95	248	27740	5.051	ng	# 1

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

Quantitation Report (Not Reviewed)

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ClientSampleId :

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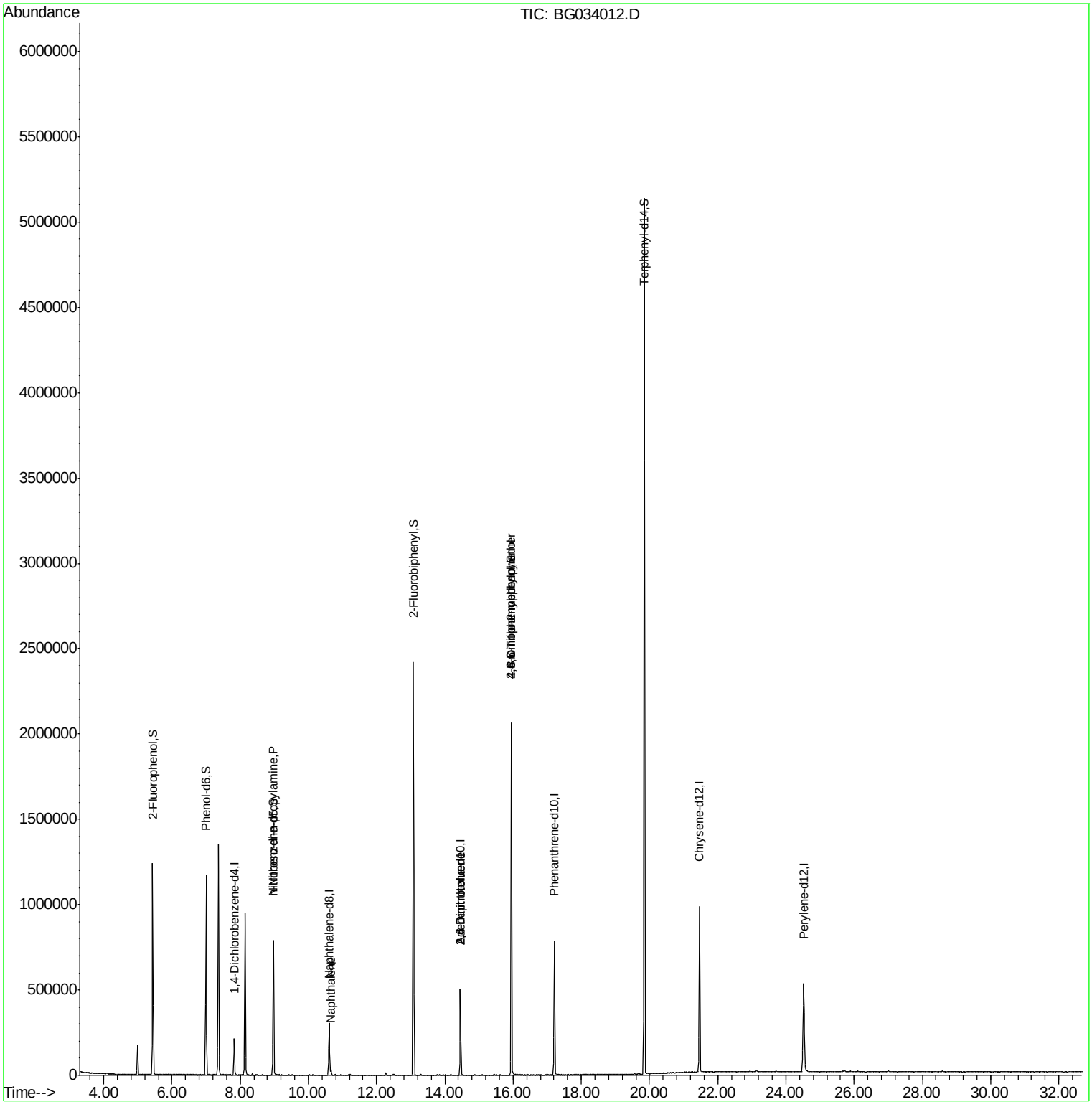
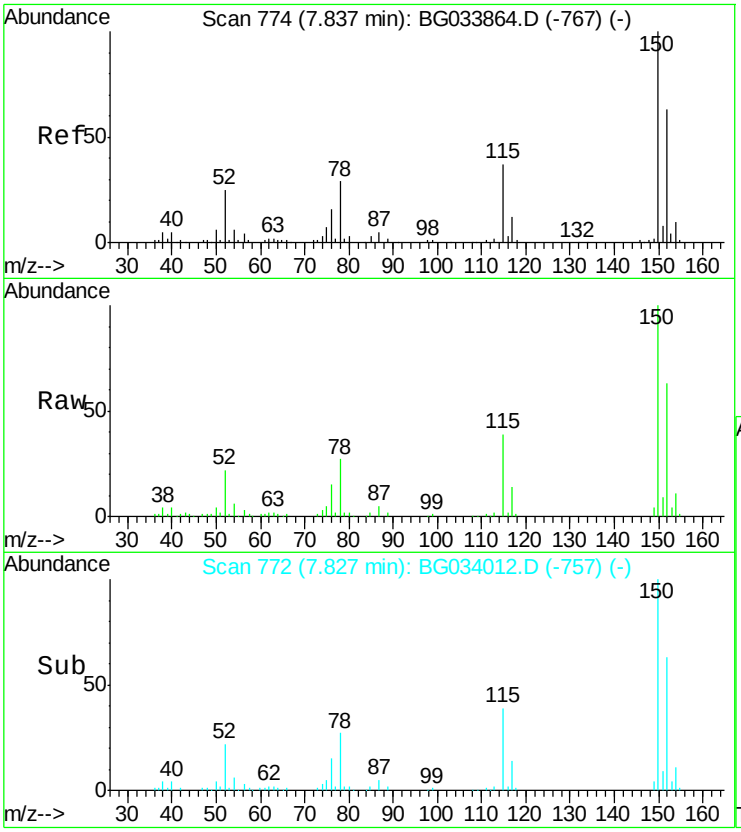
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



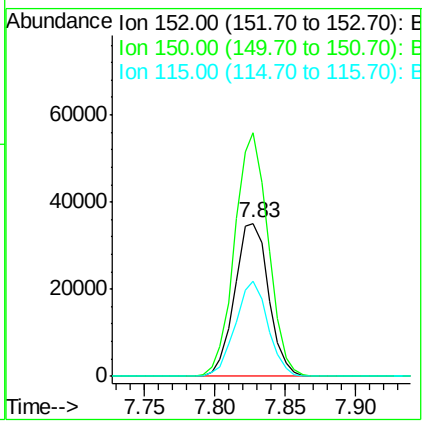


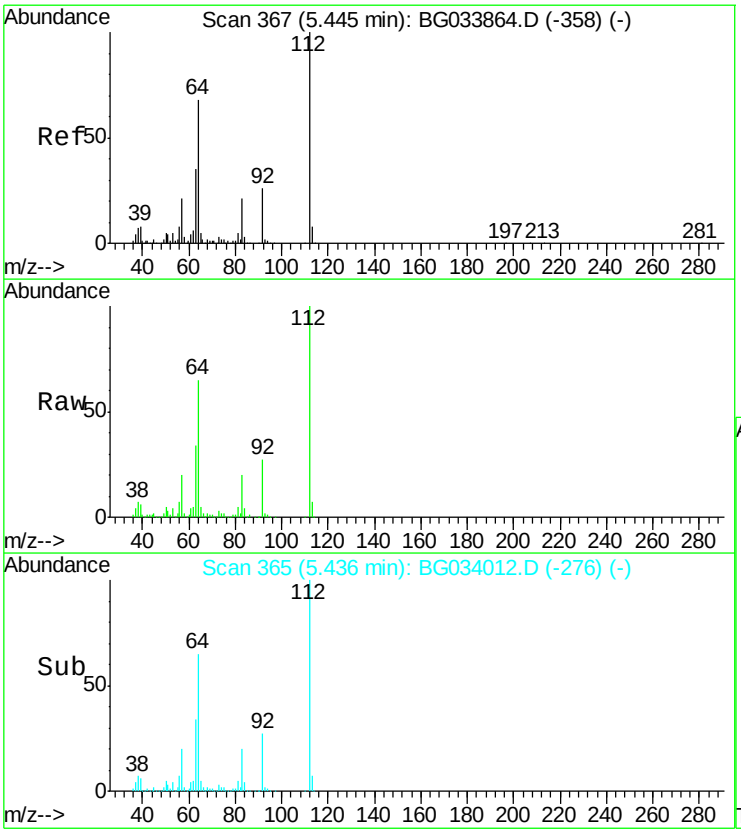
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58989

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	62.0	53.0	79.4

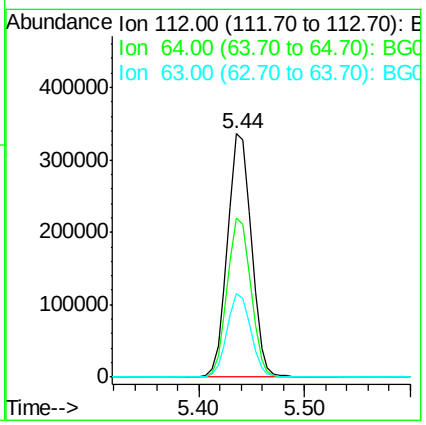


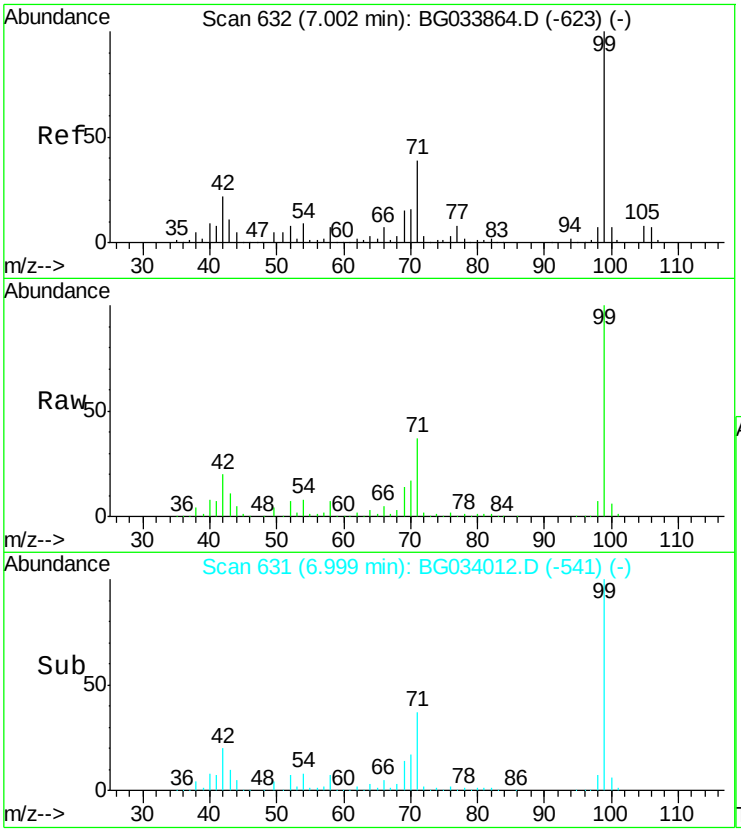


#5
2-Fluorophenol
Concen: 141.465 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:112 Resp: 522686

Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	34.2	30.1	45.1



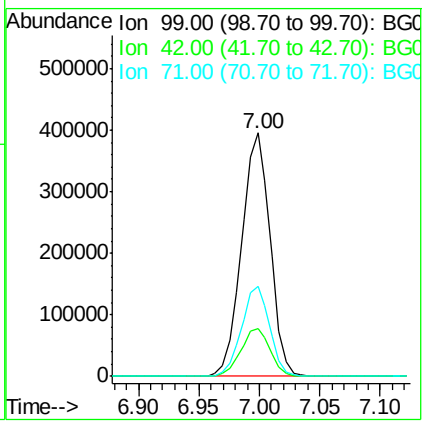


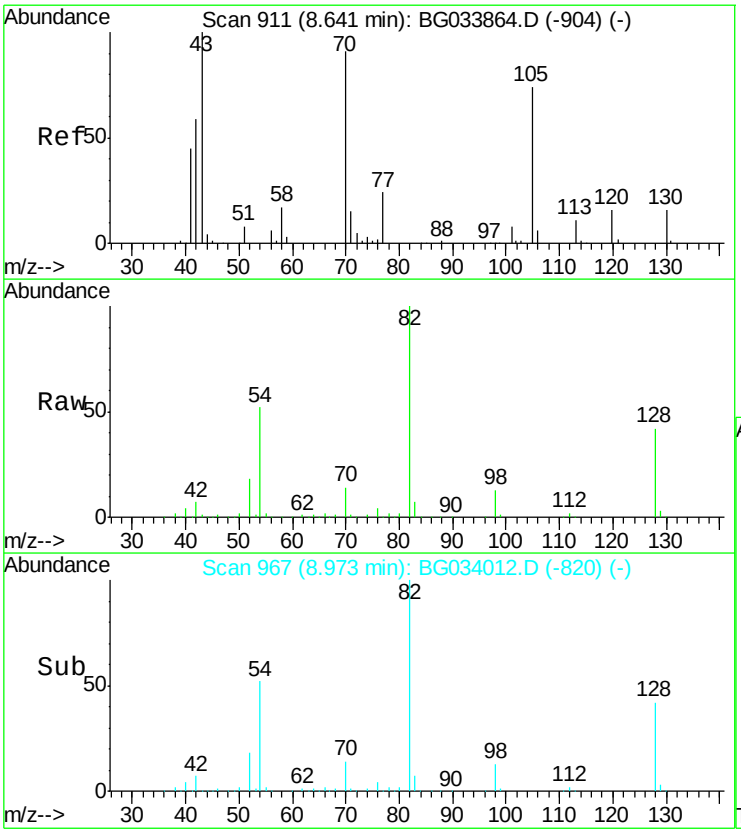
#7
Phenol-d6
Concen: 120.761 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.00 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 650796

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	36.9	26.1	39.1

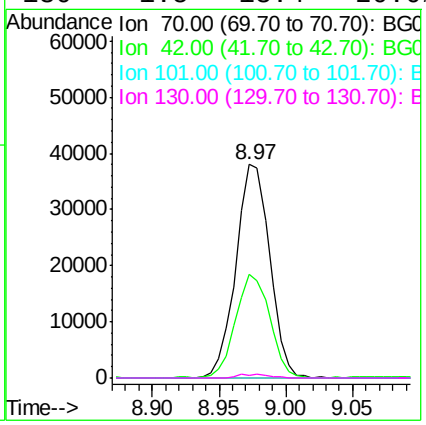


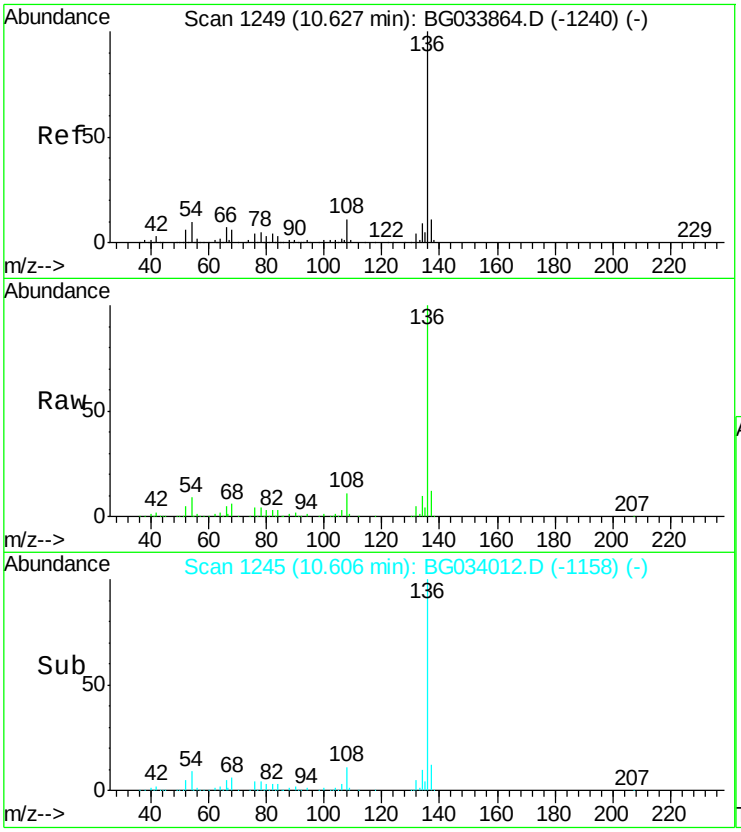


#19
n-Nitroso-di-n-propylamine
Concen: 14.549 ng
RT: 8.97 min Scan# 967
Delta R.T. 0.33 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion: 70 Resp: 66835

Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



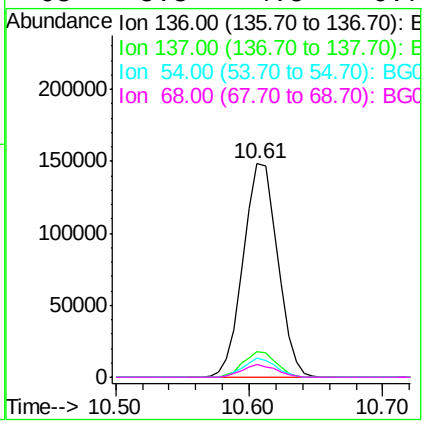


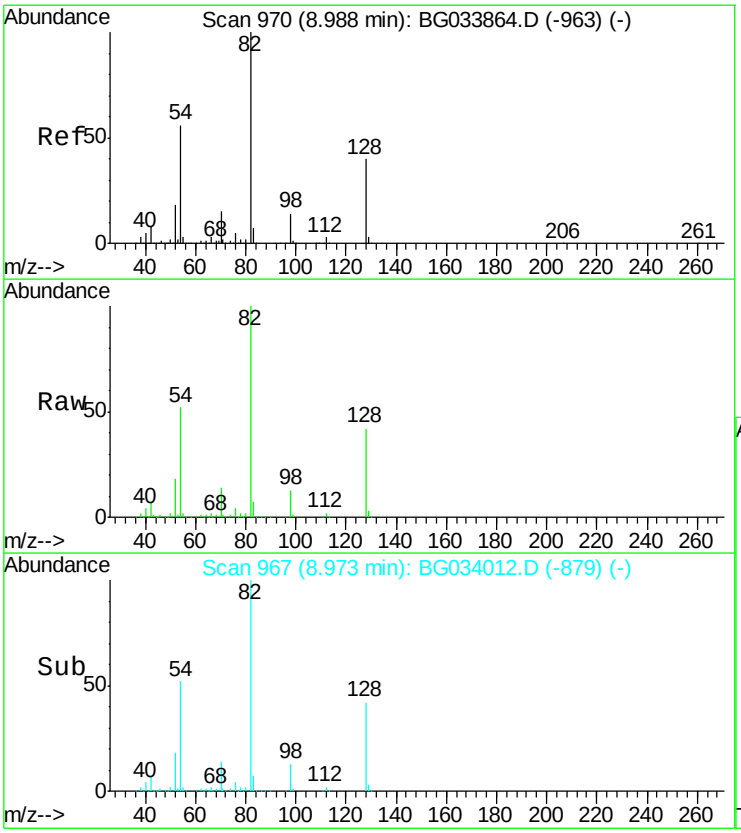
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 264515

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	8.7	10.3	15.5#
68	5.8	4.5	6.7

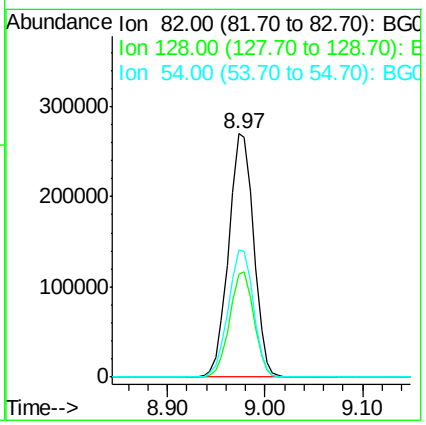


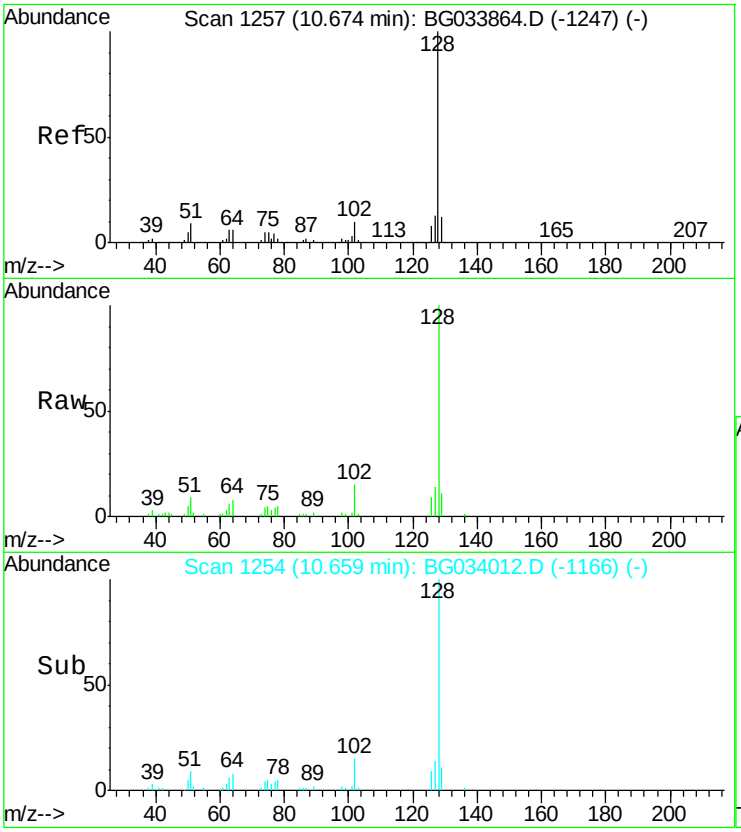


#23
Nitrobenzene-d5
Concen: 103.436 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion: 82 Resp: 480768

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	52.3	43.1	64.7



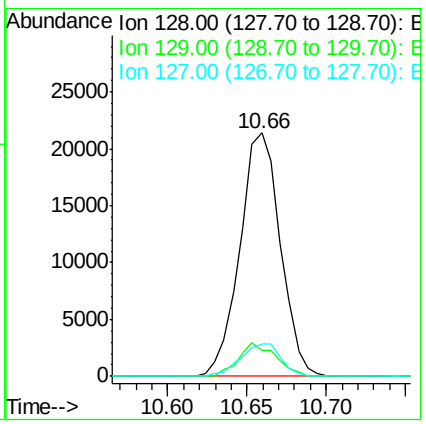


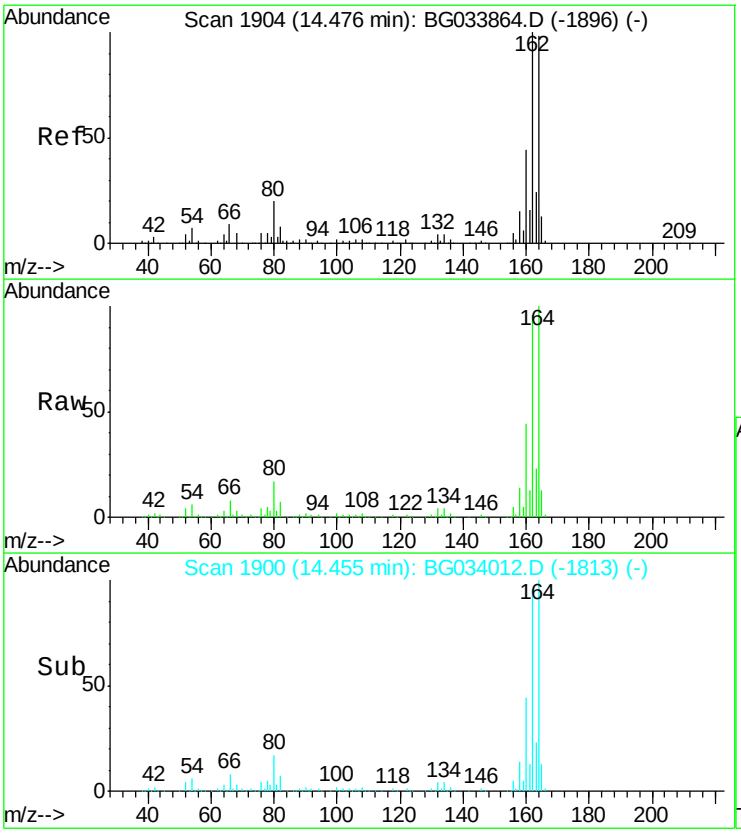
#31
Naphthalene
Concen: 2.793 ng
RT: 10.66 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 37989

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.5	11.6	17.4

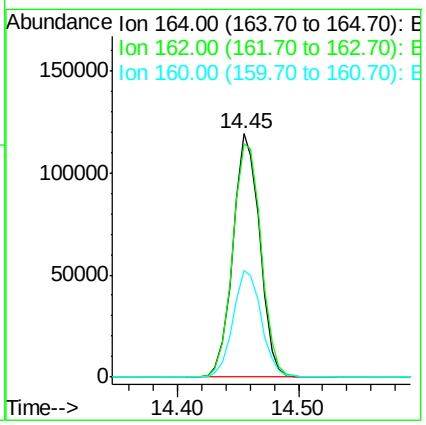


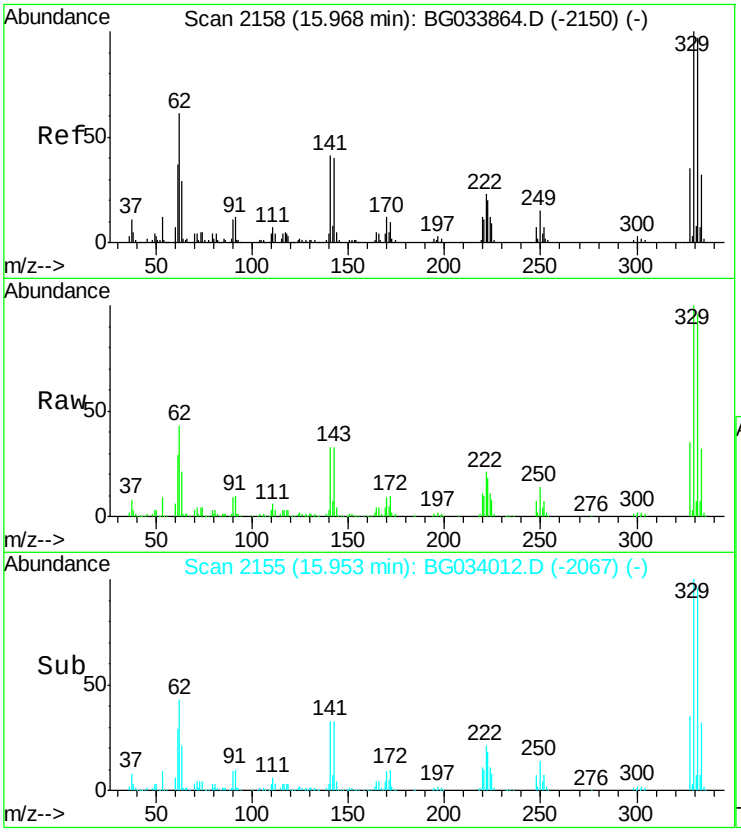


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:164 Resp: 183716

Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.8	118.2
160	44.0	35.4	53.0



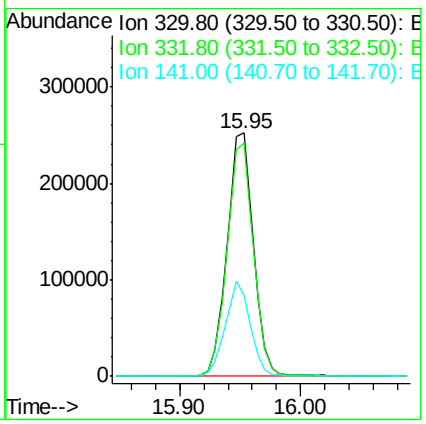


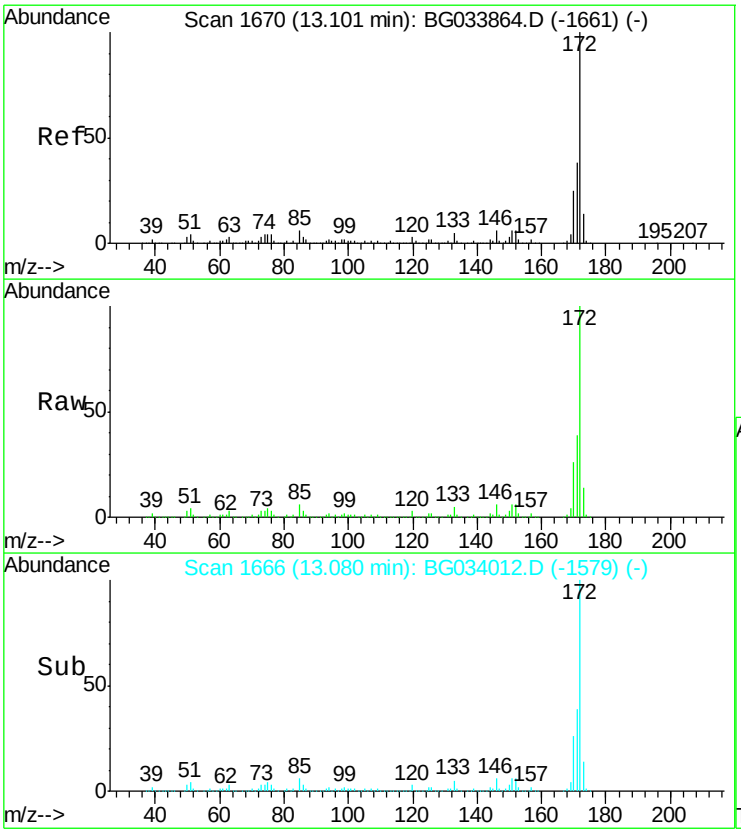
#41
2,4,6-Tribromophenol
Concen: 178.976 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 383607

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.9	25.2	37.8

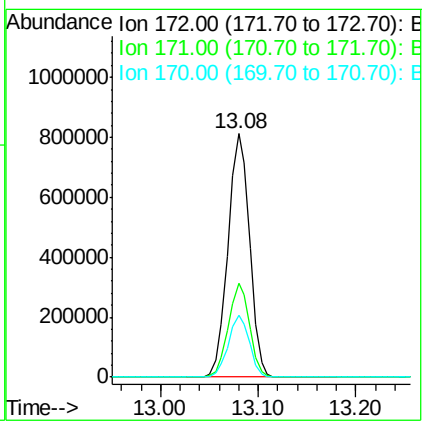


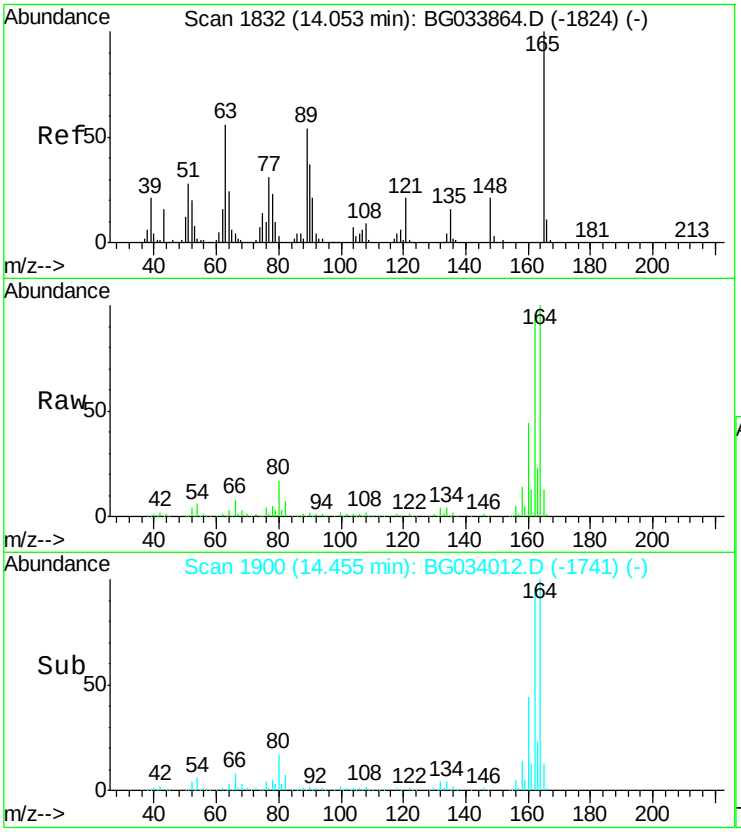


#44
2-Fluorobiphenyl
Concen: 99.317 ng
RT: 13.08 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:172 Resp: 1242056

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.5	19.5	29.3



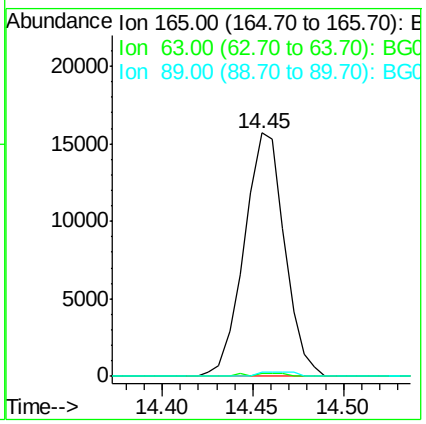


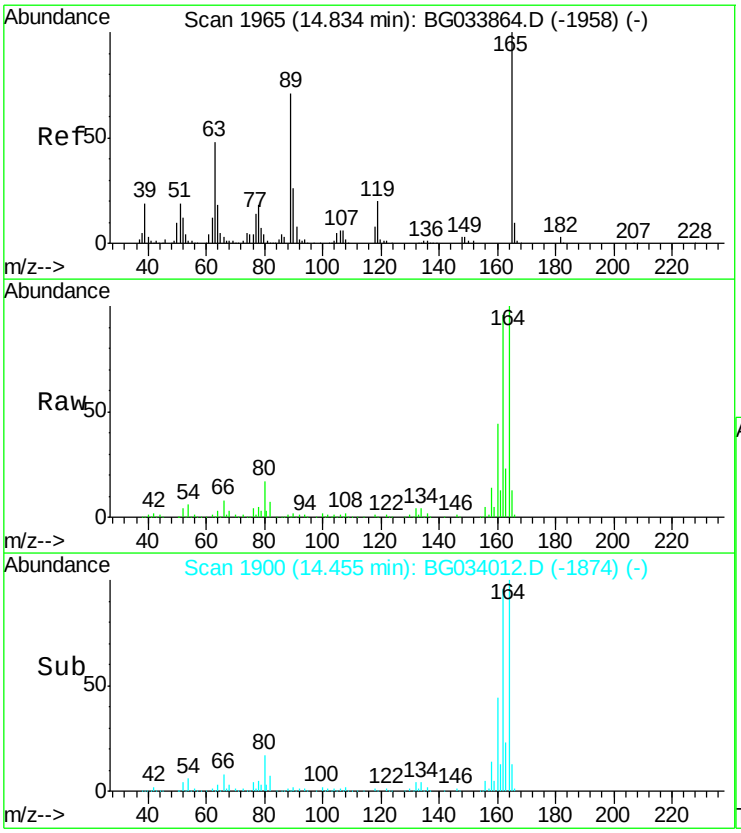
#50
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.40 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24302

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	2.0	49.2	73.8#

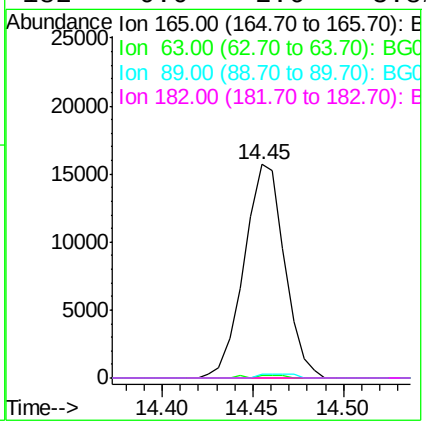


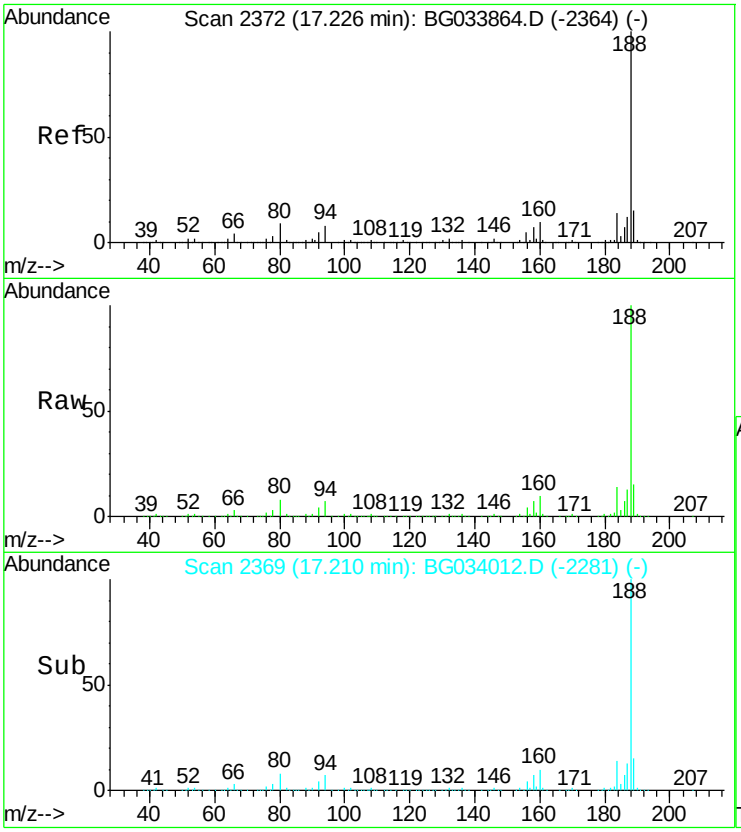


#56
2,4-Dinitrotoluene
Concen: 5.967 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.38 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:165 Resp: 24302

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



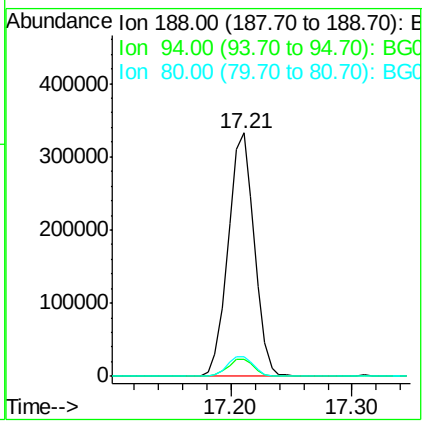


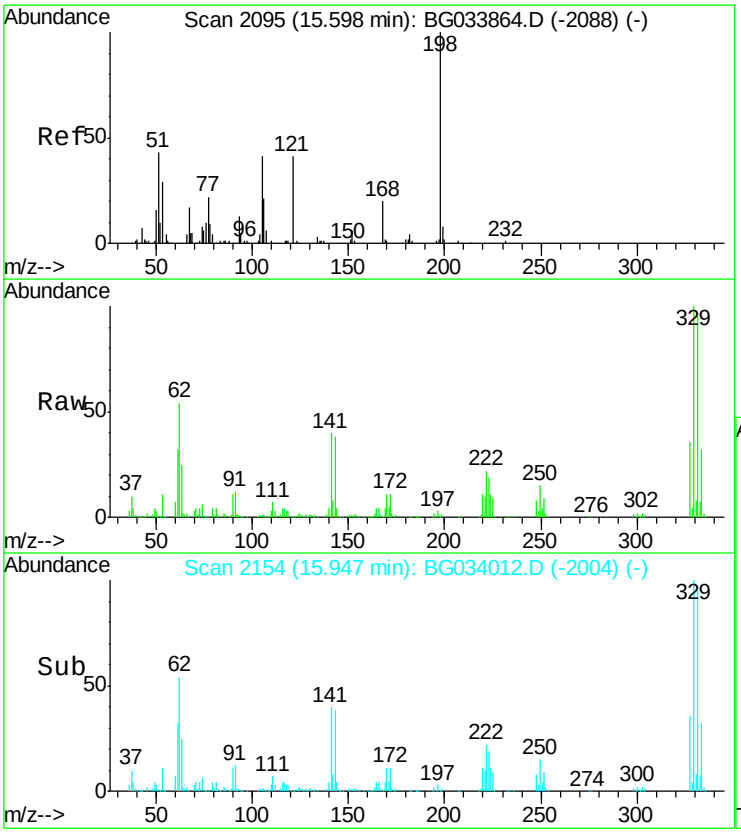
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 500081

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.1	7.7	11.5

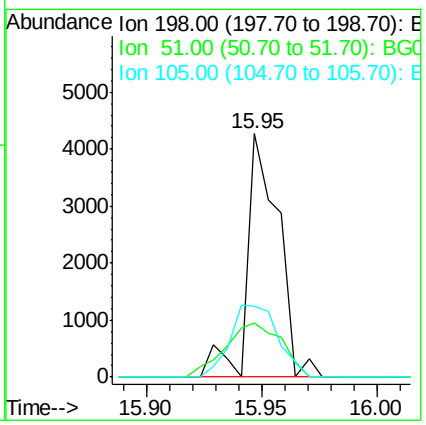


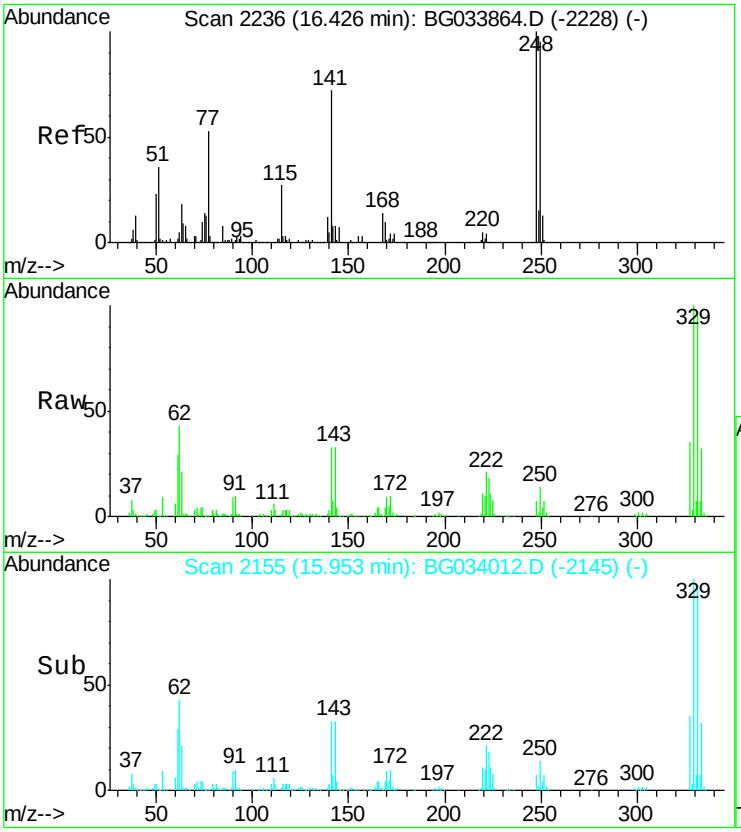


#64
4,6-Dinitro-2-methylphenol
Concen: 7.944 ng
RT: 15.95 min Scan# 2154
Delta R.T. 0.35 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:198 Resp: 4050

Ion	Ratio	Lower	Upper
198	100		
51	22.1	30.6	70.6#
105	29.1	23.8	63.8



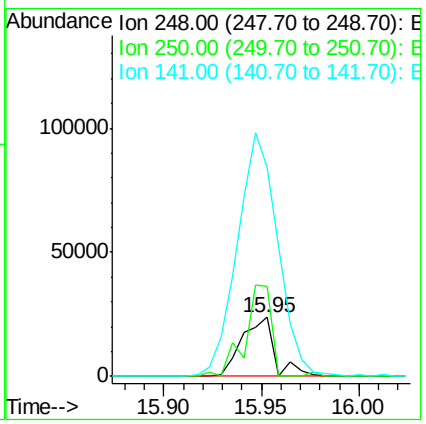


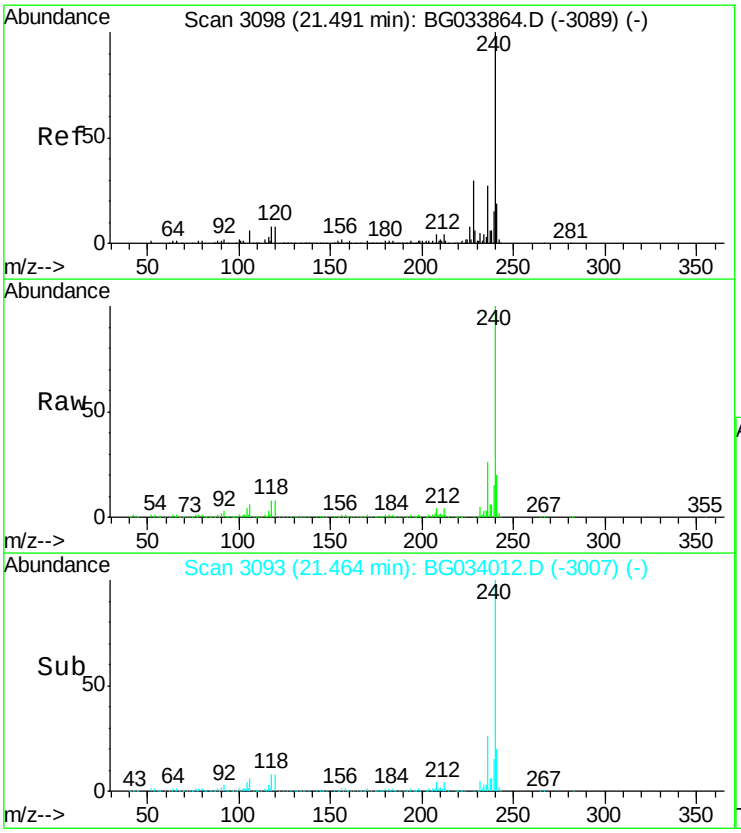
#66
4-Bromophenyl-phenylether
Concen: 5.051 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.47 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 27740

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	356.3	50.8	76.2#

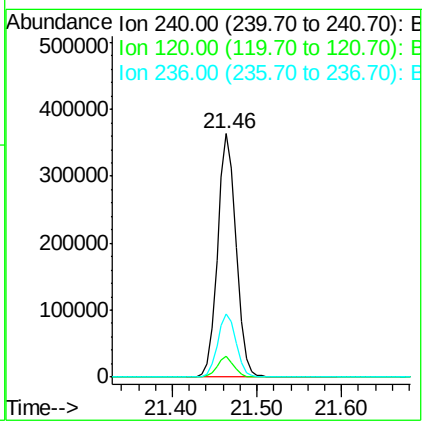


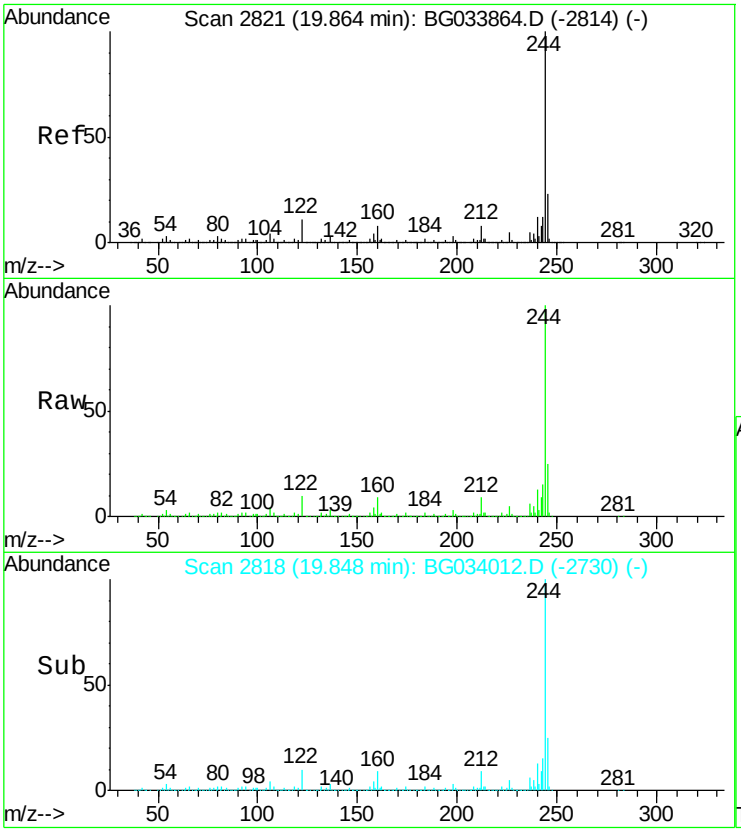


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:240 Resp: 554983

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	25.9	20.9	31.3



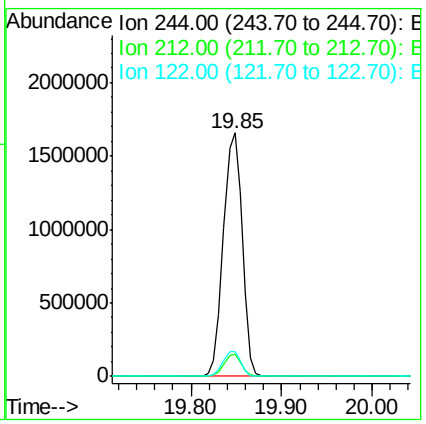


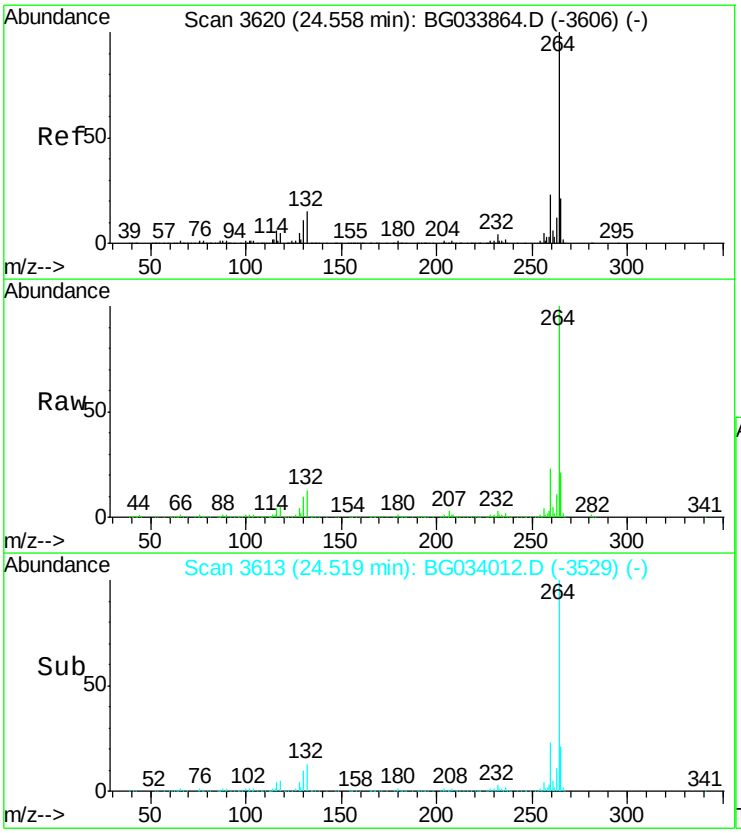
#78
Terphenyl-d14
Concen: 96.599 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2386284

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3613
Delta R.T. -0.04 min
Lab File: BG034012.D
Acq: 26 Apr 2018 7:55

Tgt Ion:264 Resp: 549390

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.8	17.7	26.5