Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033972.D
Acq On : 25 Apr 2018 3:42
Operator : SJ/JU
Sample : J2151-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 11:51:16 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	77925	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	320341	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	197930	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	504066	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	565630	20.00	ng	-0.02
86) Perylene-d12	24.52	264	578414	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	635664	130.24	ng	0.00
7) Phenol-d6	7.00	99	755227	106.09	ng	0.00
23) Nitrobenzene-d5	8.98	82	580112	103.06	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	383186	165.94	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1370591	101.72	ng	-0.02
78) Terphenyl-d14	19.85	244	2356026	93.58	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1455	Below Cal	#	18
19) n-Nitroso-di-n-propylamine	8.97	70	79651	13.126	ng	# 78
32) Benzoic acid	9.93	122	58	5.095	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	25871	7.841	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	25871	5.896	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.95	198	1465	7.011	ng	# 67
66) 4-Bromophenyl-phenylether	15.95	248	28722	5.189	ng	# 1
76) Benzidine	19.85	184	37427	2.450	ng	# 91

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

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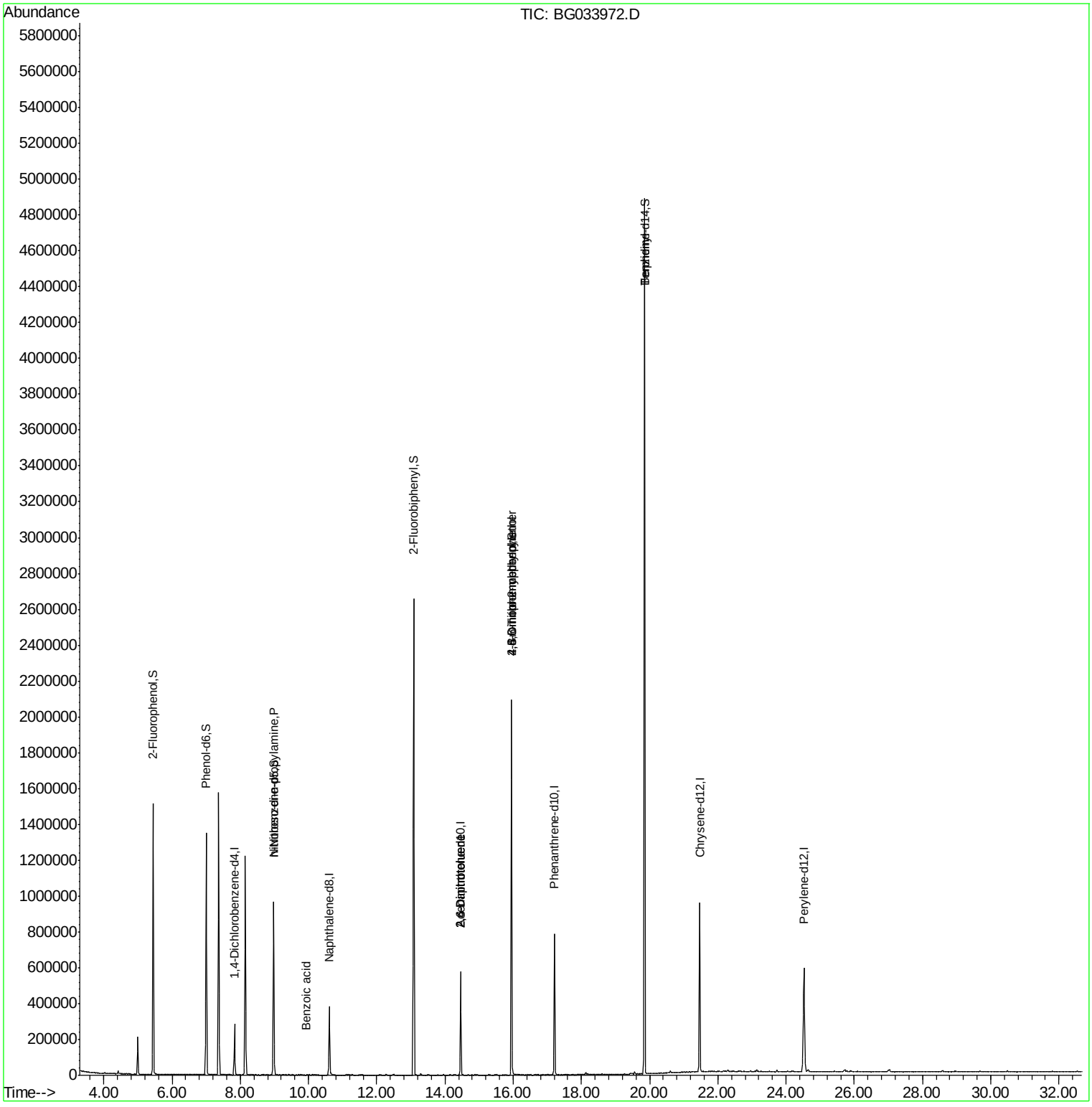
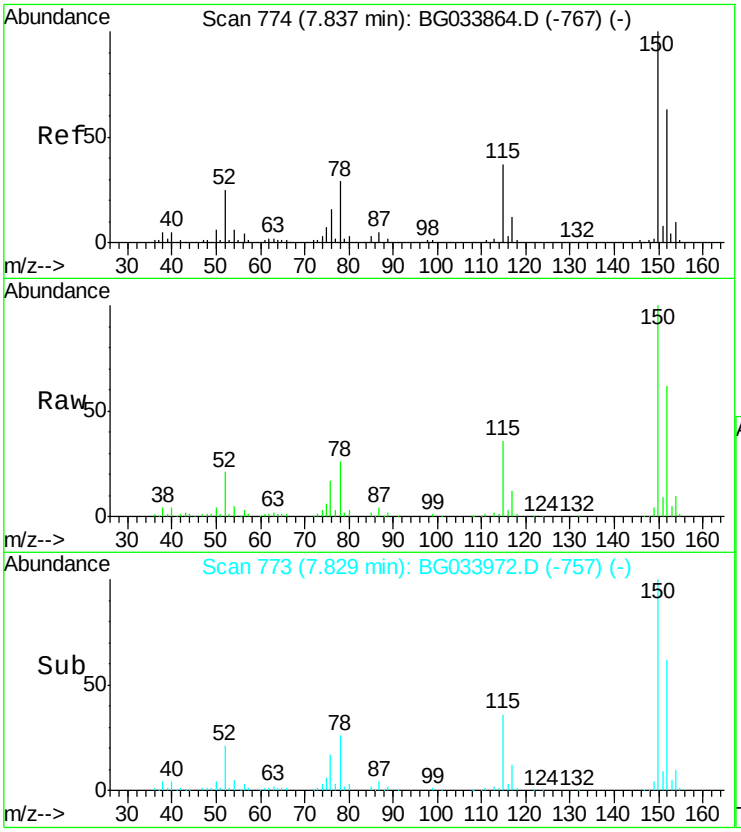
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



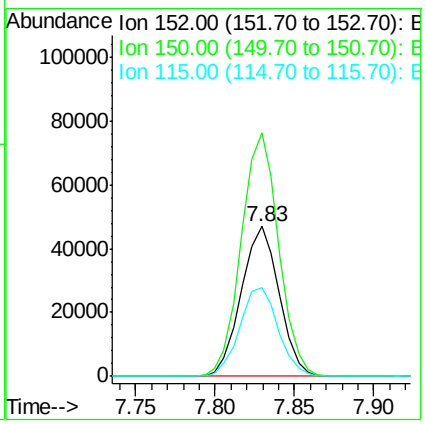


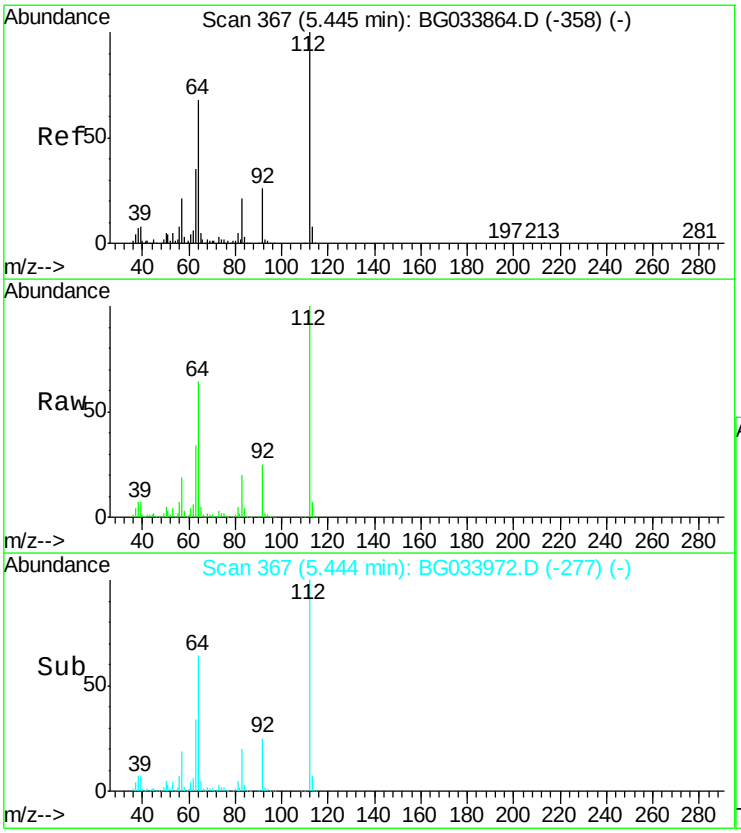
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 77925

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	58.8	53.0	79.4

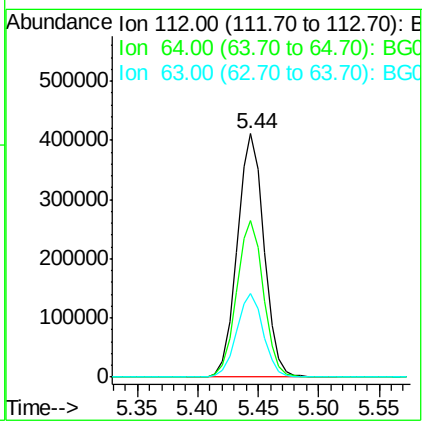


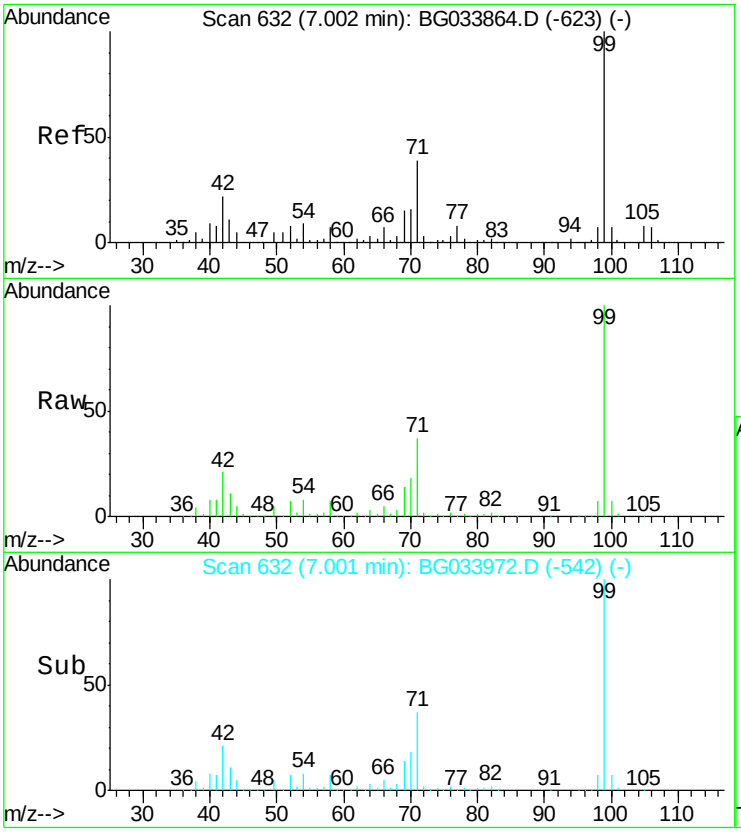


#5
2-Fluorophenol
Concen: 130.235 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:112 Resp: 635664

Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	34.4	30.1	45.1



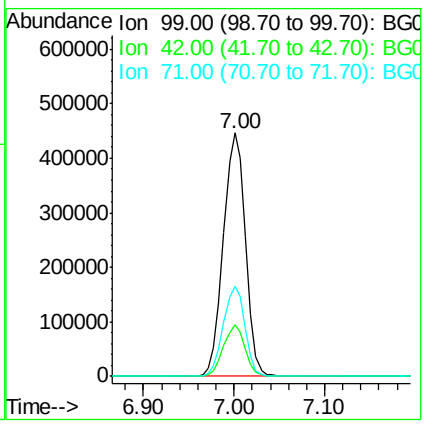


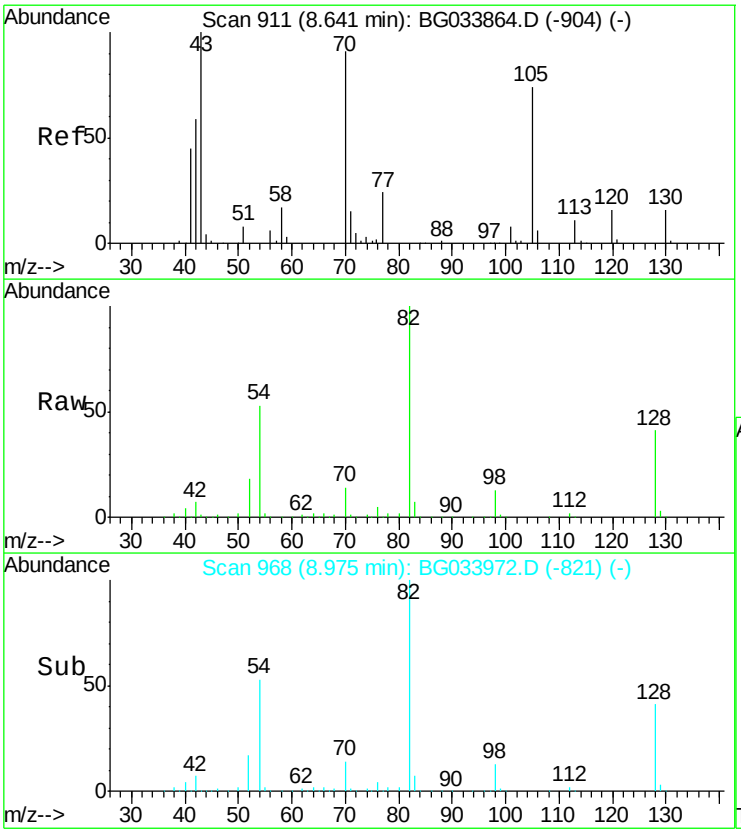
#7
Phenol-d6
Concen: 106.085 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 755227

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.1	21.1#
71	37.1	26.1	39.1

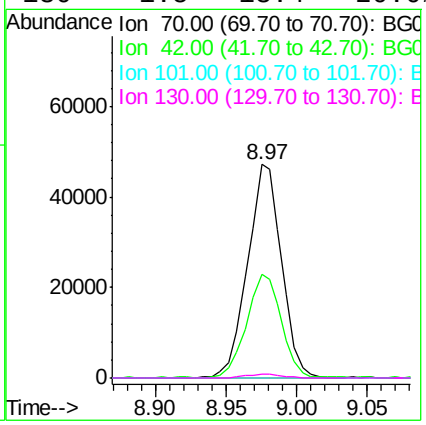


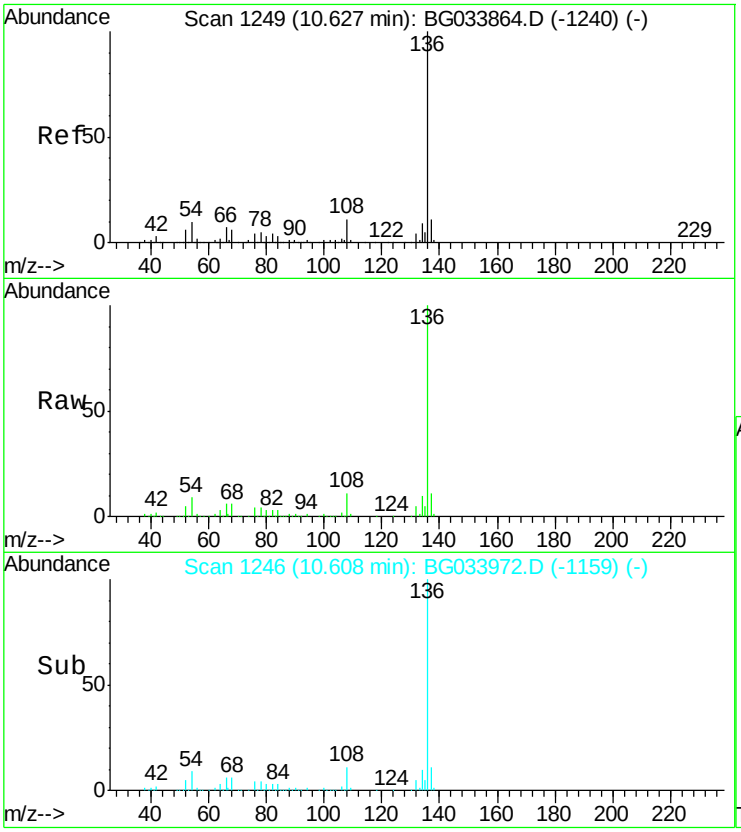


#19
n-Nitroso-di-n-propylamine
Concen: 13.126 ng
RT: 8.97 min Scan# 968
Delta R.T. 0.33 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion: 70 Resp: 79651

Ion	Ratio	Lower	Upper
70	100		
42	48.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



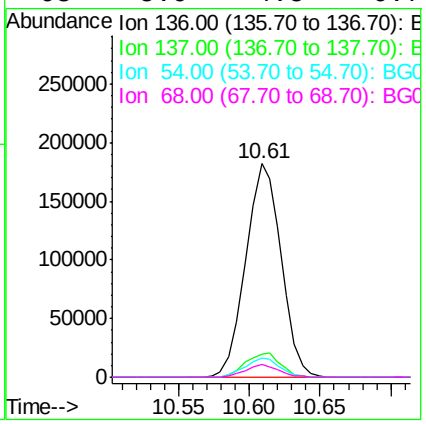


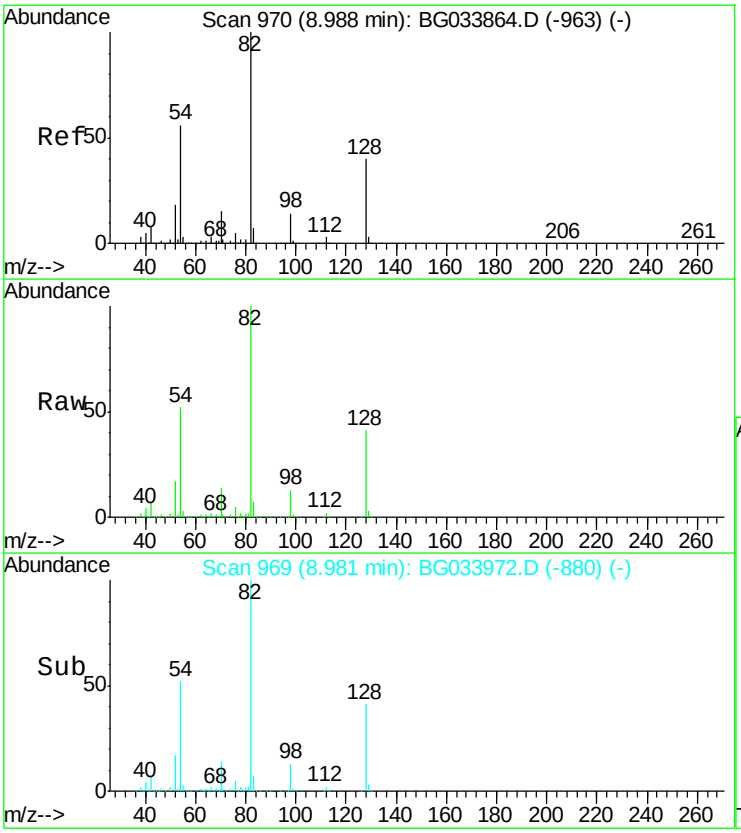
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 320341

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.8	10.3	15.5#
68	5.9	4.5	6.7

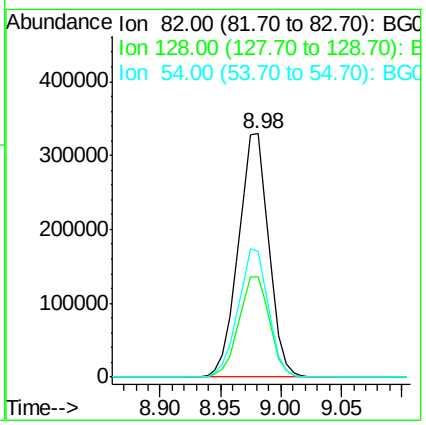


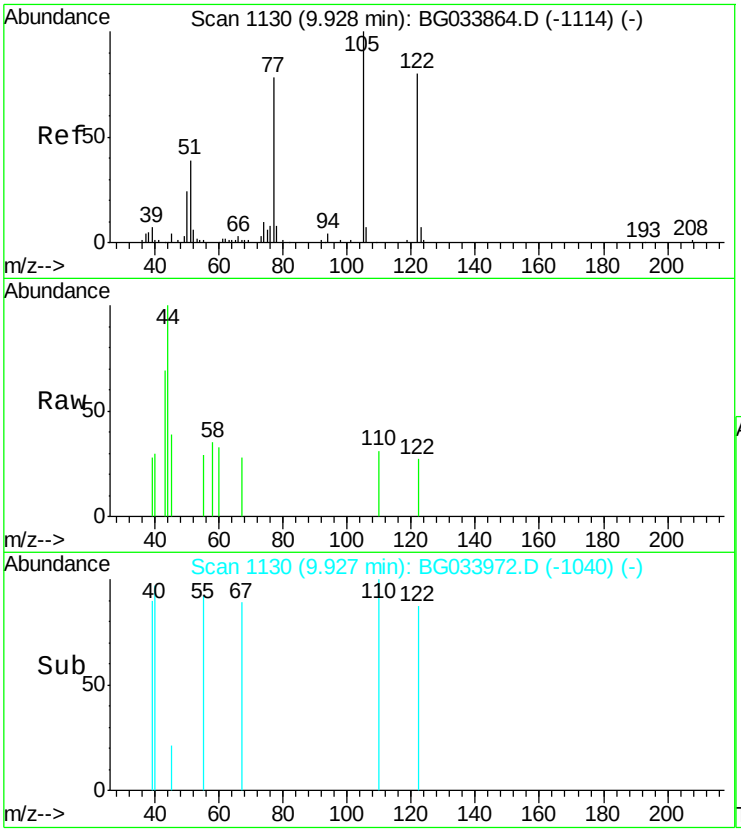


#23
Nitrobenzene-d5
Concen: 103.059 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion: 82 Resp: 580112

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	51.8	43.1	64.7



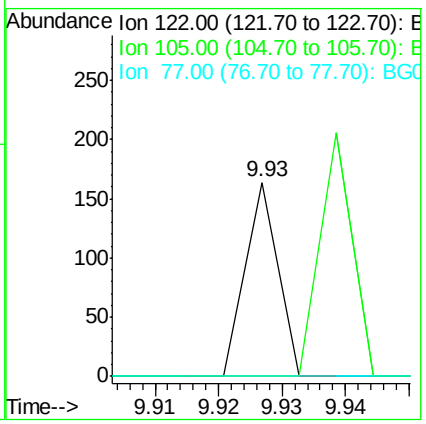


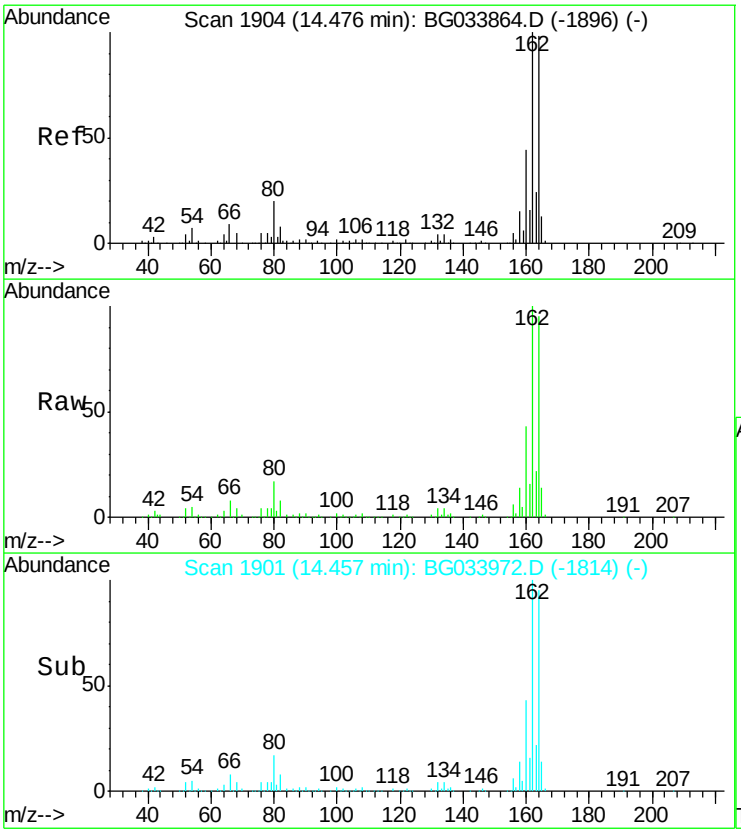
#32
Benzoic acid
Concen: 5.095 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

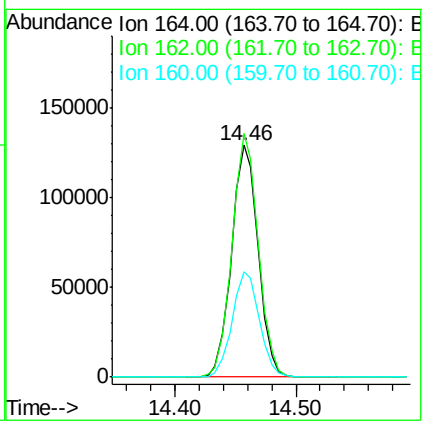


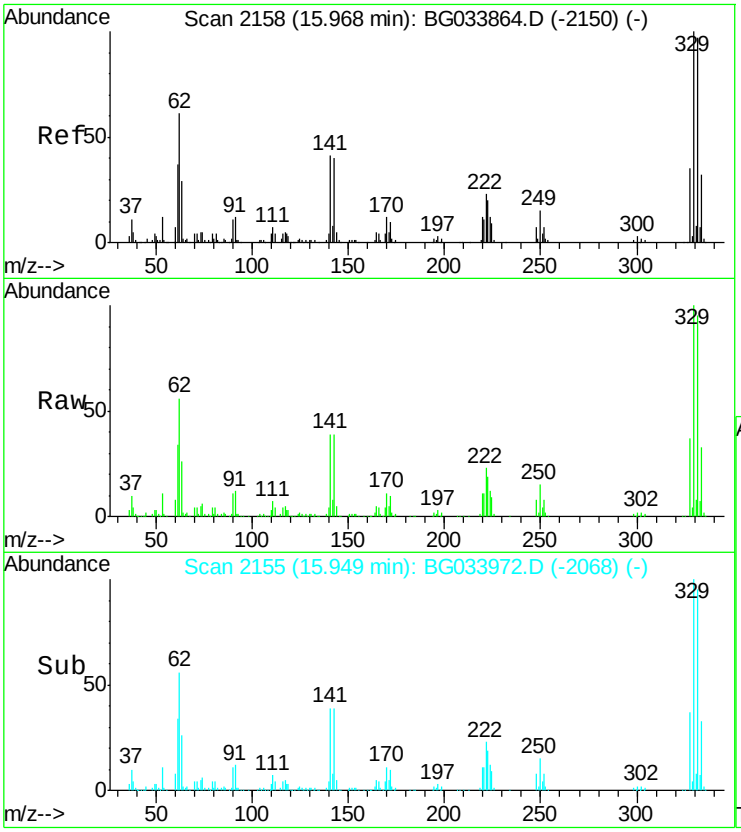


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:164 Resp: 197930

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.5	35.4	53.0



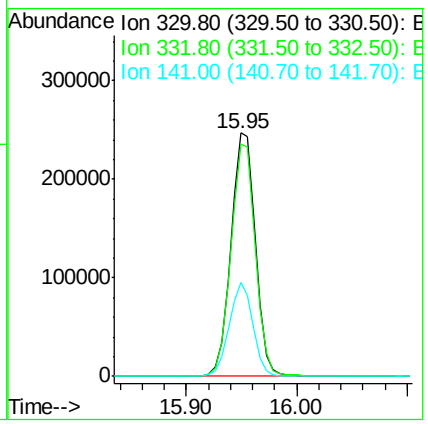


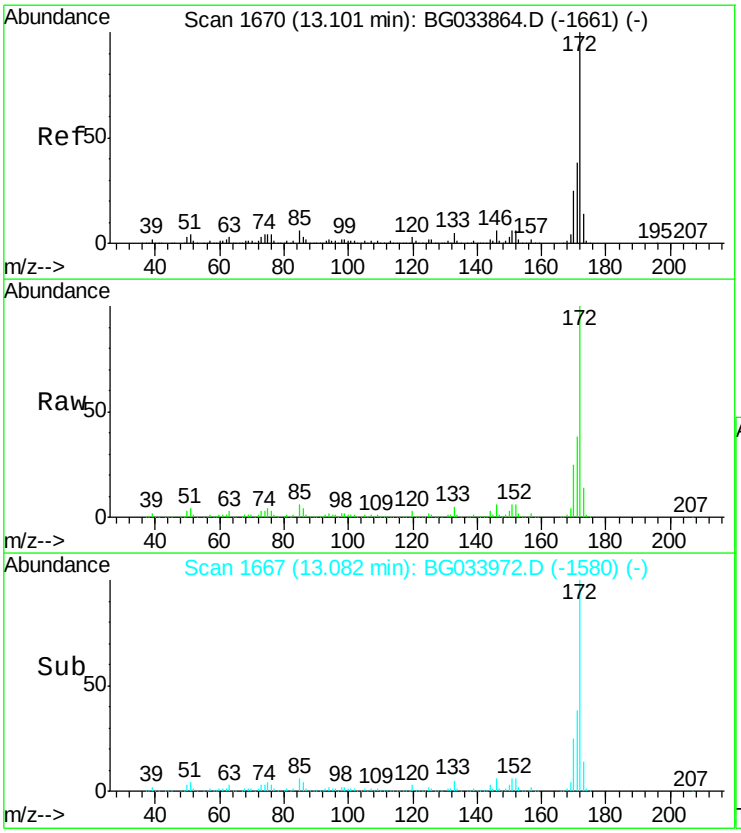
#41
2,4,6-Tribromophenol
Concen: 165.941 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 383186

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.4	25.2	37.8

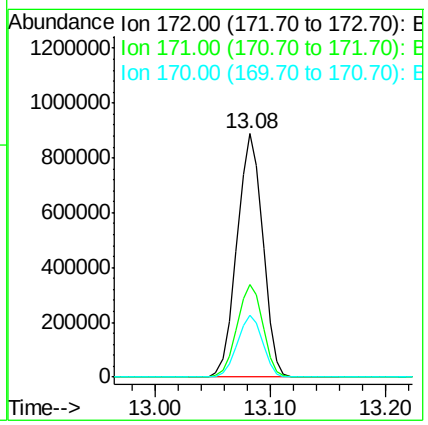


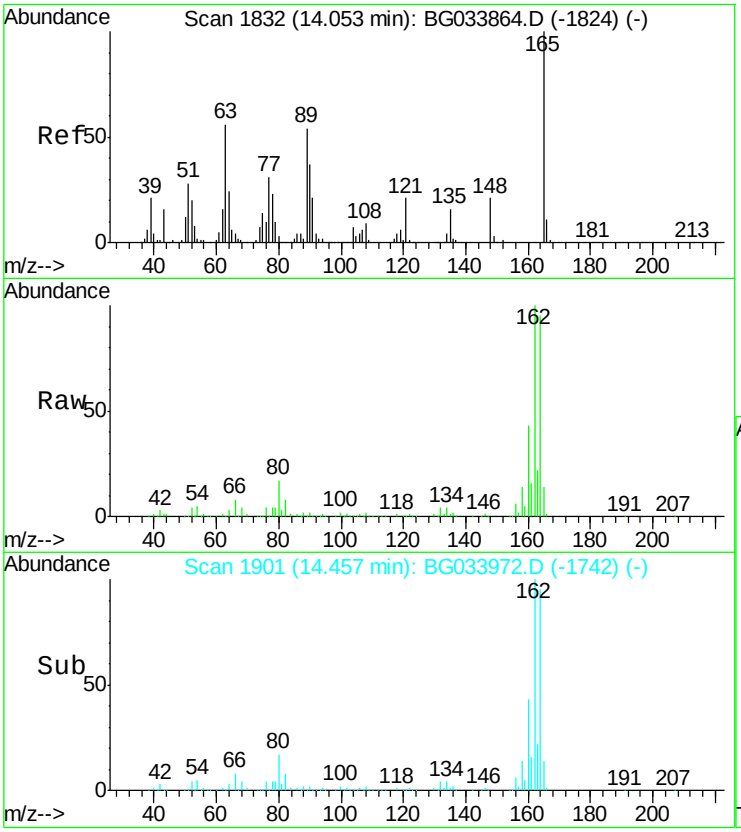


#44
2-Fluorobiphenyl
Concen: 101.724 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:172 Resp: 1370591

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3



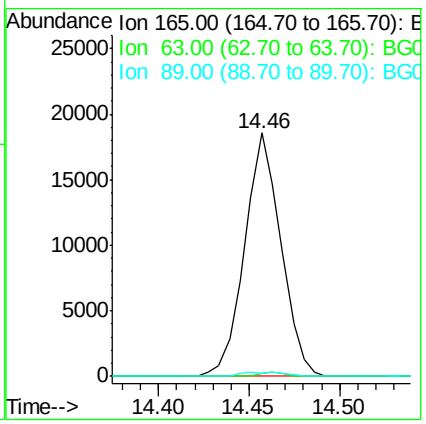


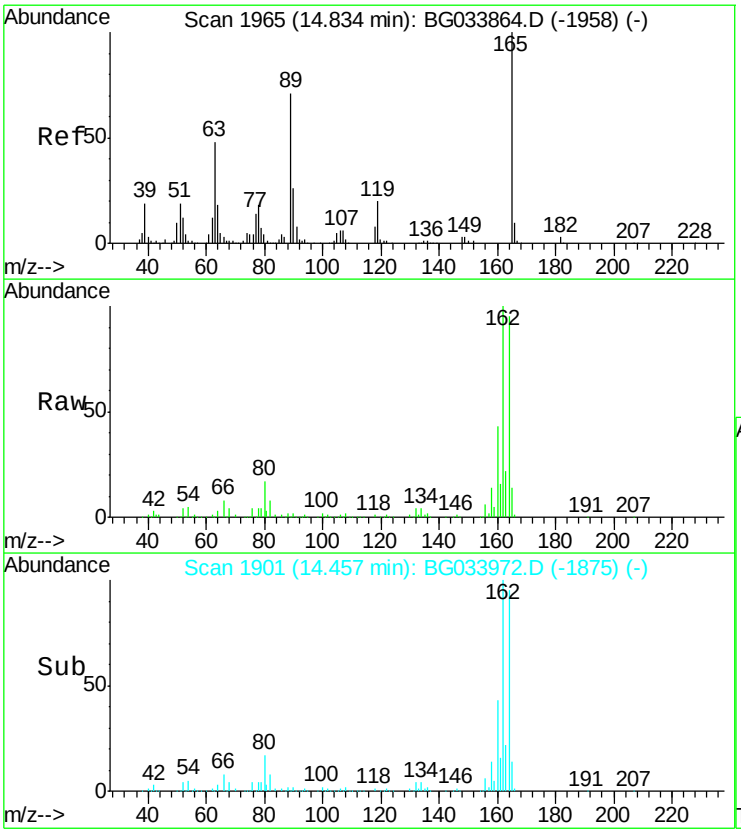
#50
2,6-Dinitrotoluene
Concen: 7.841 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25871

Ion	Ratio	Lower	Upper
165	100		
63	1.0	52.7	79.1#
89	1.2	49.2	73.8#

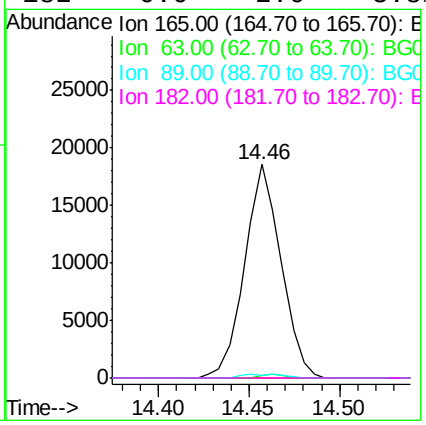


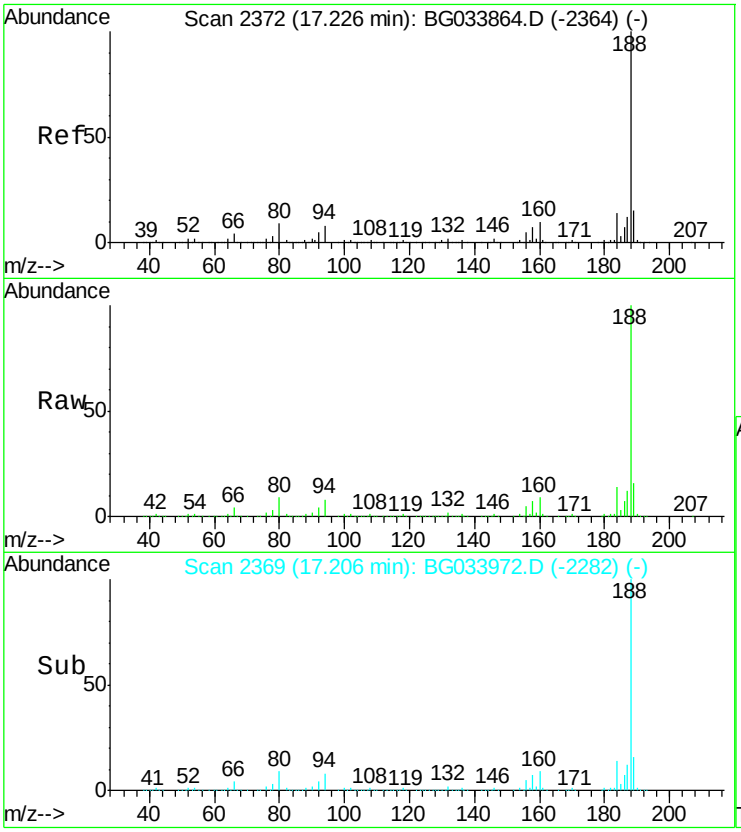


#56
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:165 Resp: 25871

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#



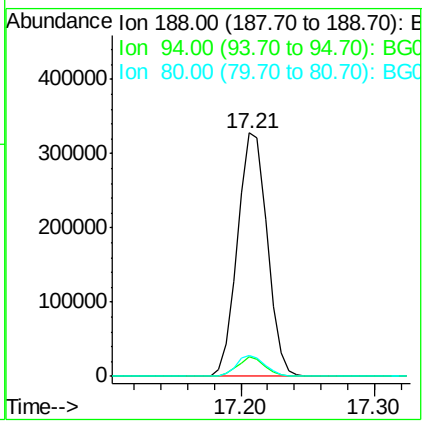


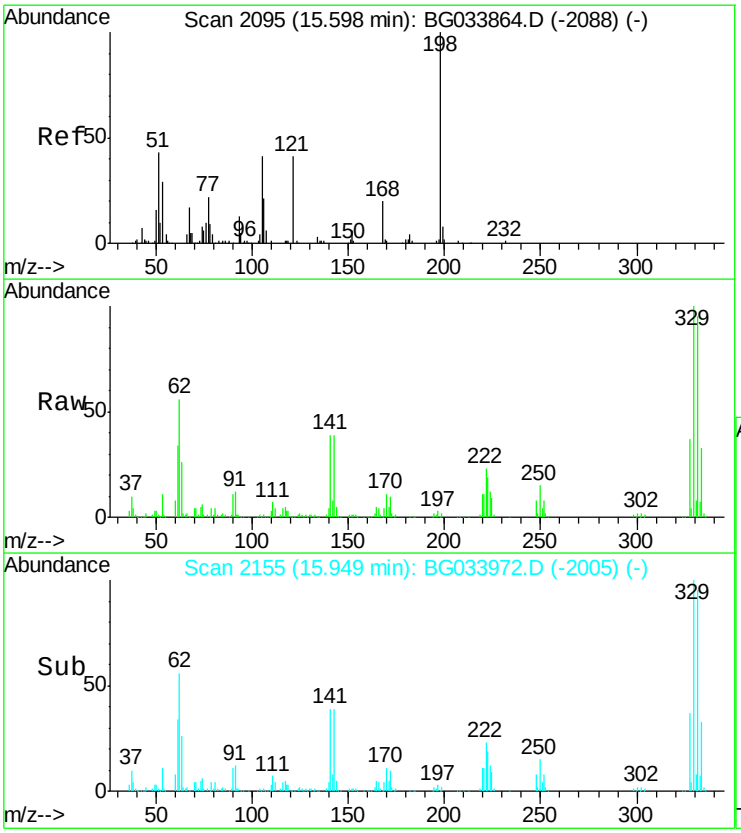
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 504066

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.7	7.7	11.5

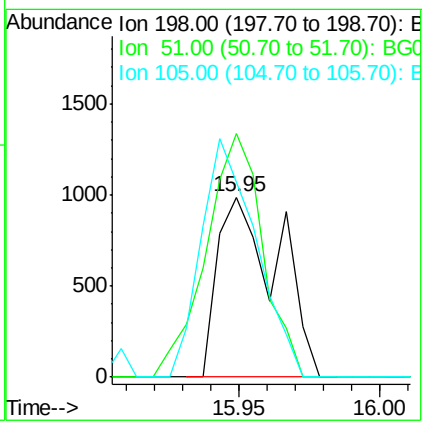


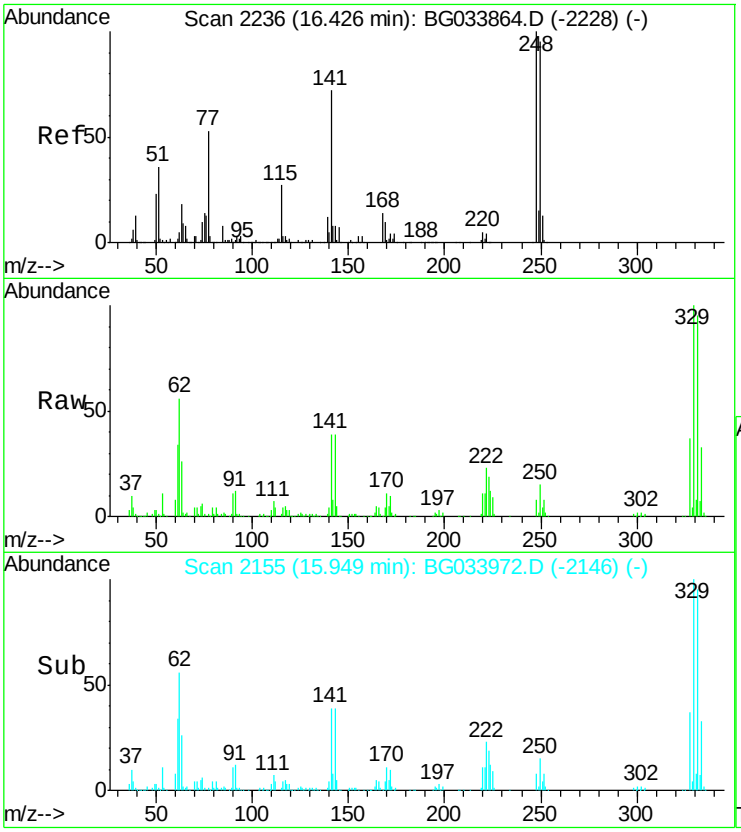


#64
4,6-Dinitro-2-methylphenol
Concen: 7.011 ng
RT: 15.95 min Scan# 2155
Delta R.T. 0.35 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:198 Resp: 1465

Ion	Ratio	Lower	Upper
198	100		
51	27.5	30.6	70.6#
105	22.1	23.8	63.8#



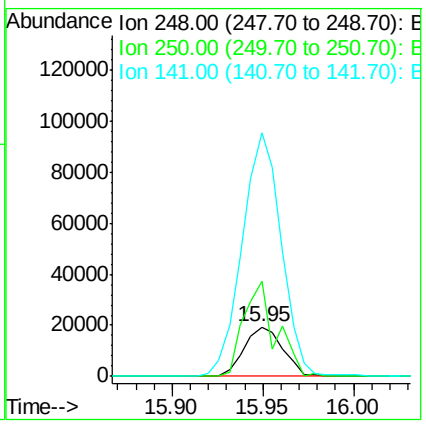


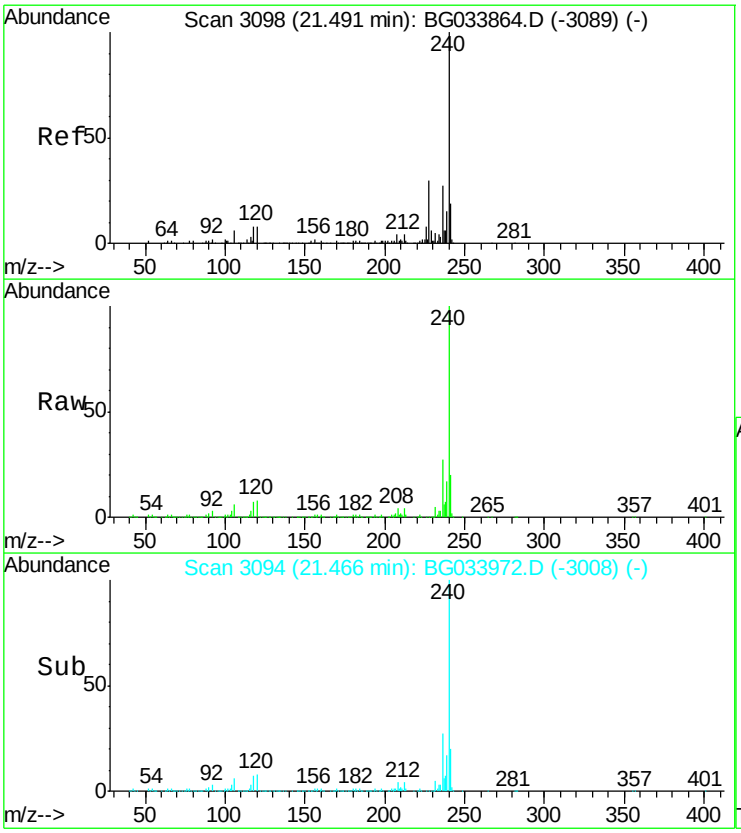
#66
4-Bromophenyl-phenylether
Concen: 5.189 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 28722

Ion	Ratio	Lower	Upper
248	100		
250	191.5	77.1	115.7#
141	379.1	50.8	76.2#

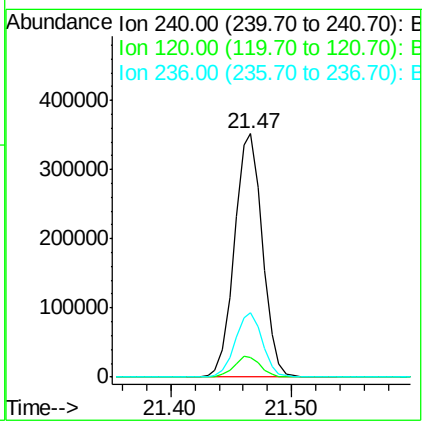


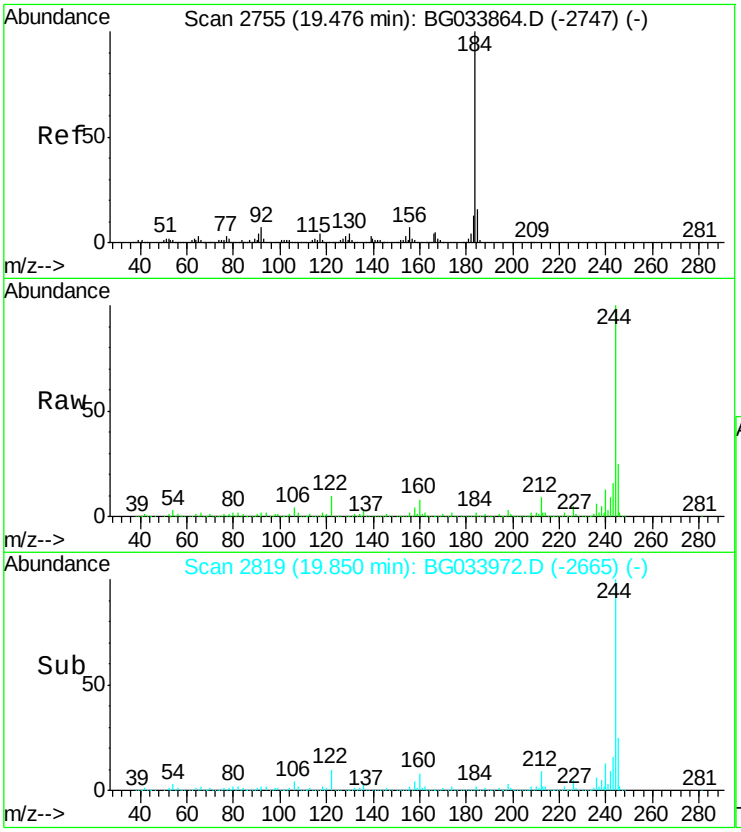


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:240 Resp: 565630

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	26.6	20.9	31.3



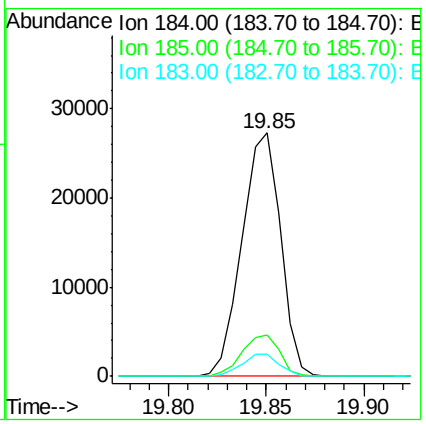


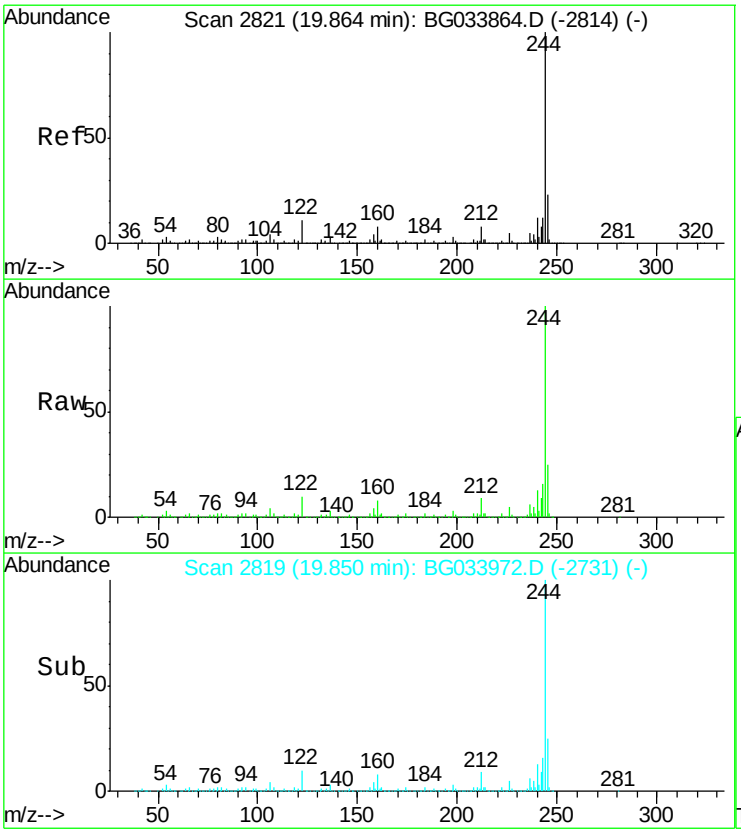
#76
Benzidine
Concen: 2.450 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.37 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 37427

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.1	16.7#
183	9.1	10.6	16.0#

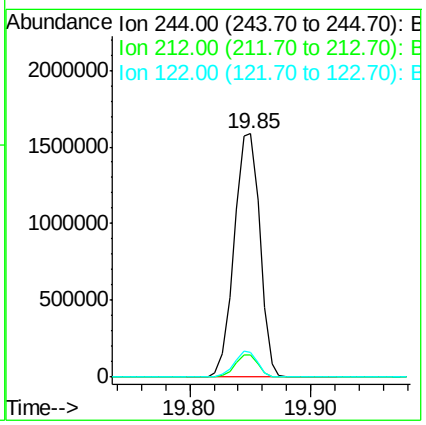


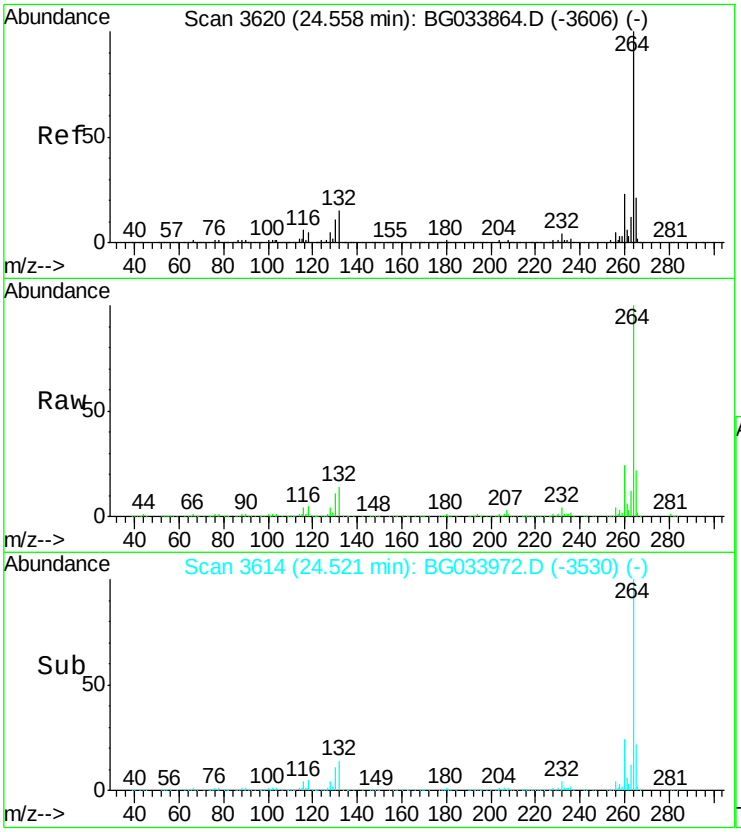


#78
Terphenyl-d14
Concen: 93.579 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Tgt Ion:244 Resp: 2356026

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	10.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033972.D
Acq: 25 Apr 2018 3:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 578414

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.3	17.7	26.5