Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033912.D
Acq On : 21 Apr 2018 8:50
Operator : SJ/JU
Sample : J2473-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 041818-SIDW-F-U-M

Quant Time: Apr 23 03:13:34 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	65802	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	276838	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	182209	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	497031	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	565206	20.00	ng	-0.02
86) Perylene-d12	24.53	264	565403	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	192544	46.72	ng	0.00
7) Phenol-d6	6.99	99	164598	27.38	ng	0.00
23) Nitrobenzene-d5	8.98	82	503226	103.45	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	249066	117.17	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1211014	97.64	ng	-0.01
78) Terphenyl-d14	19.86	244	2294785	91.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	129	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	68674	13.402	ng	# 81
32) Benzoic acid	10.04	122	59	5.098	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	23918	7.874	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	23918	5.922	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.95	198	1529	7.042	ng	# 68
66) 4-Bromophenyl-phenylether	15.95	248	20675	3.788	ng	# 1
76) Benzidine	19.86	184	38884	2.548	ng	# 91

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

Quantitation Report (Not Reviewed)

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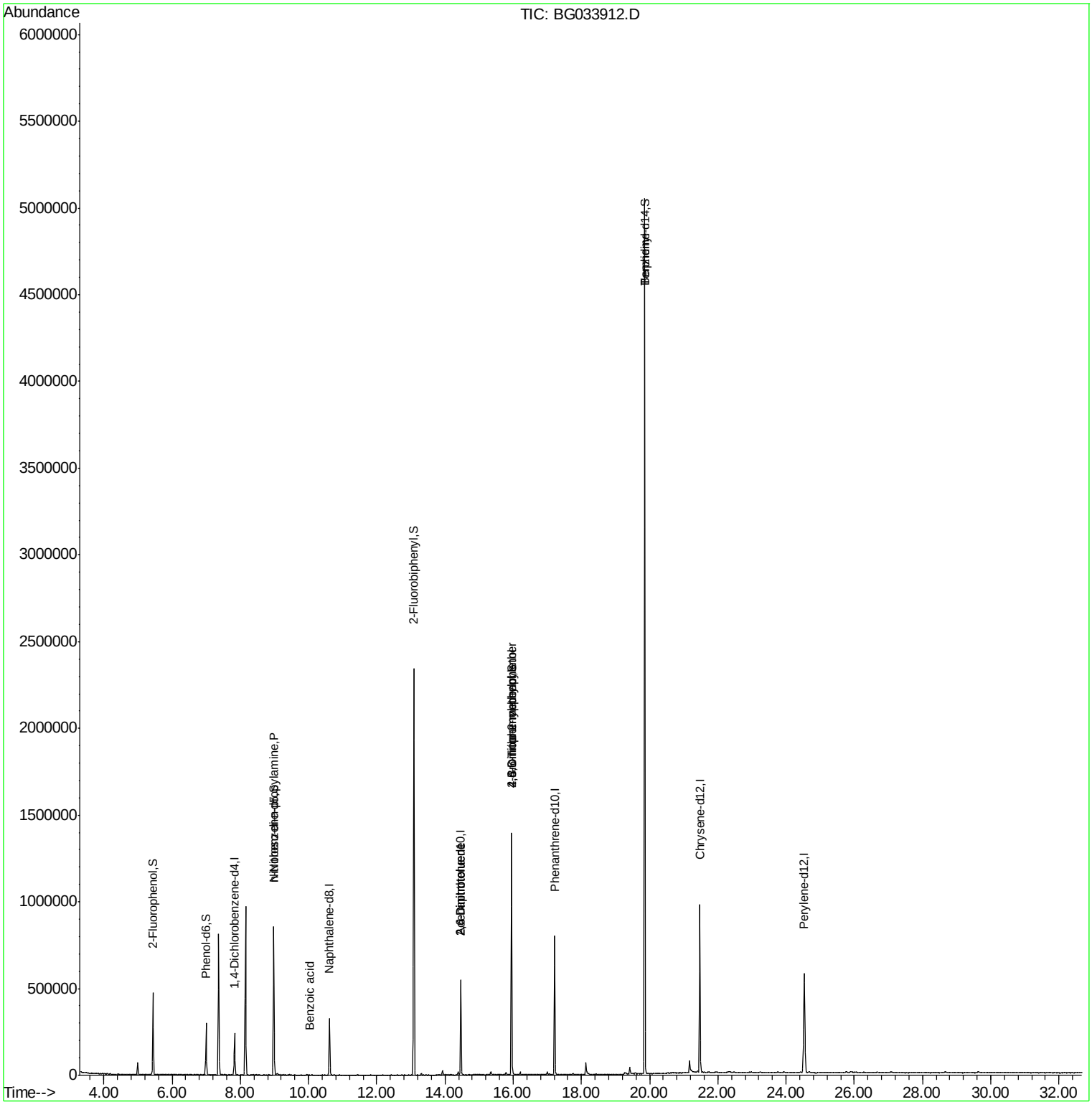
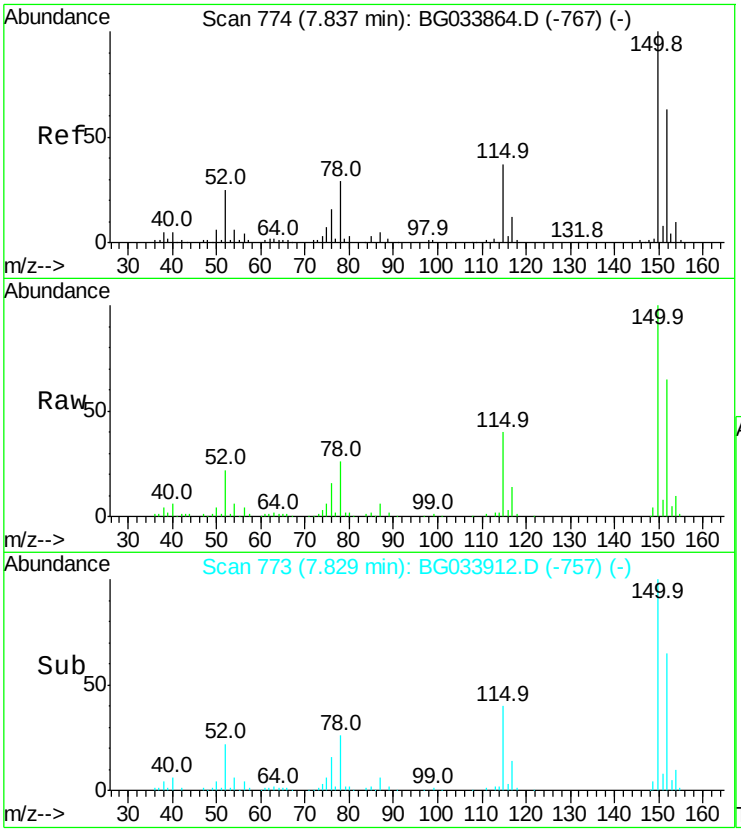


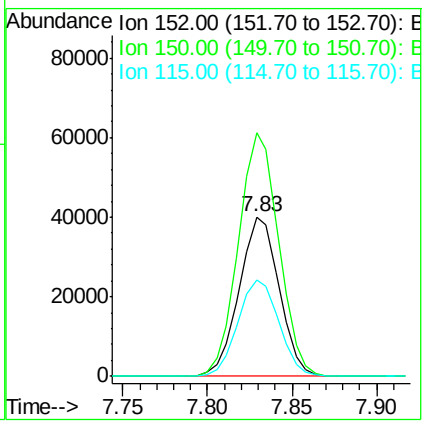


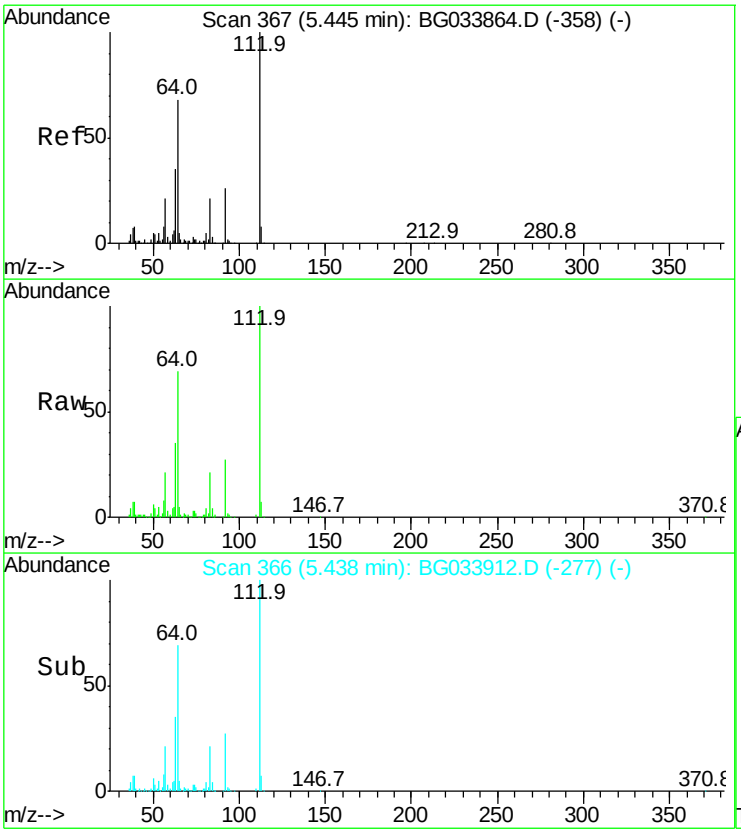
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:152 Resp: 65802

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	60.5	53.0	79.4

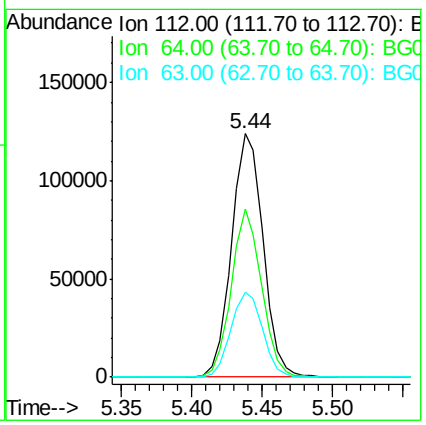


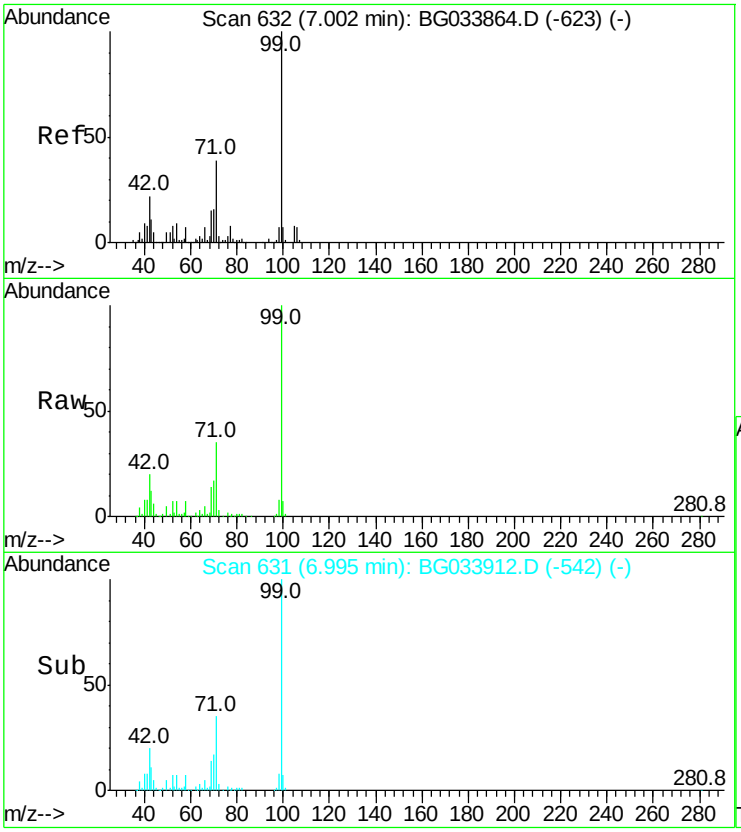


#5
2-Fluorophenol
Concen: 46.716 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:112 Resp: 192544

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.3	84.5
63	35.0	30.1	45.1



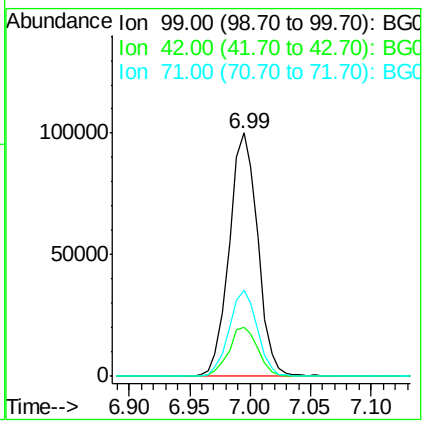


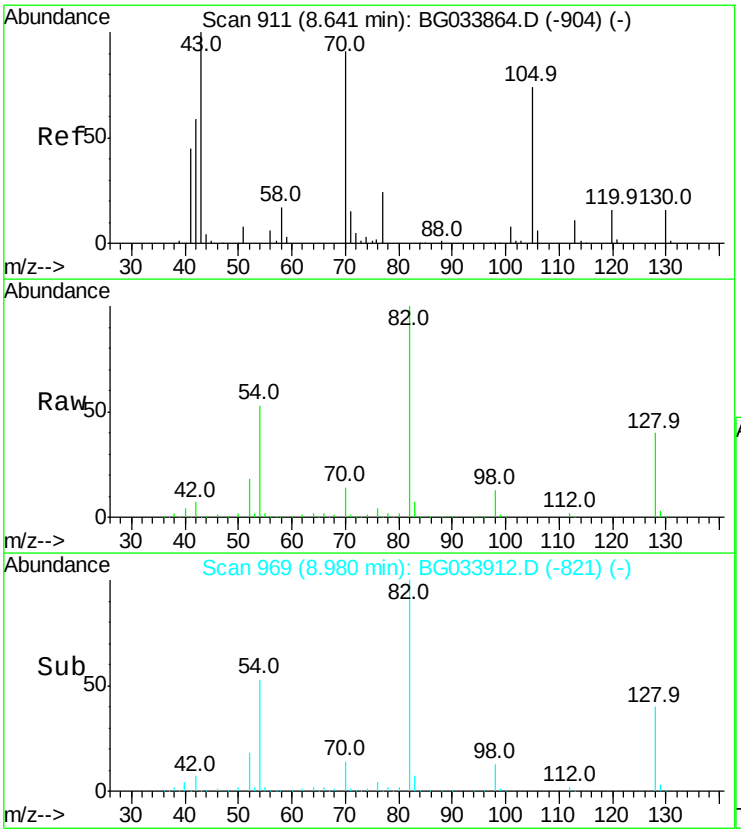
#7
Phenol-d6
Concen: 27.380 ng
RT: 6.99 min Scan# 631
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion: 99 Resp: 164598

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.1	21.1
71	35.2	26.1	39.1

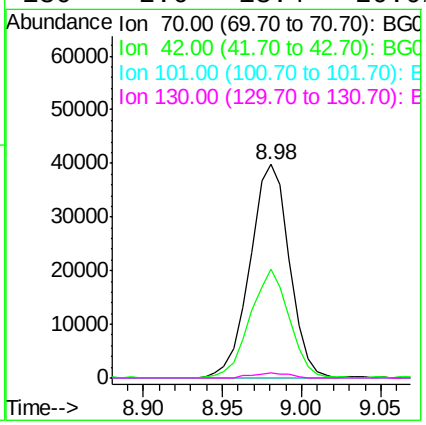


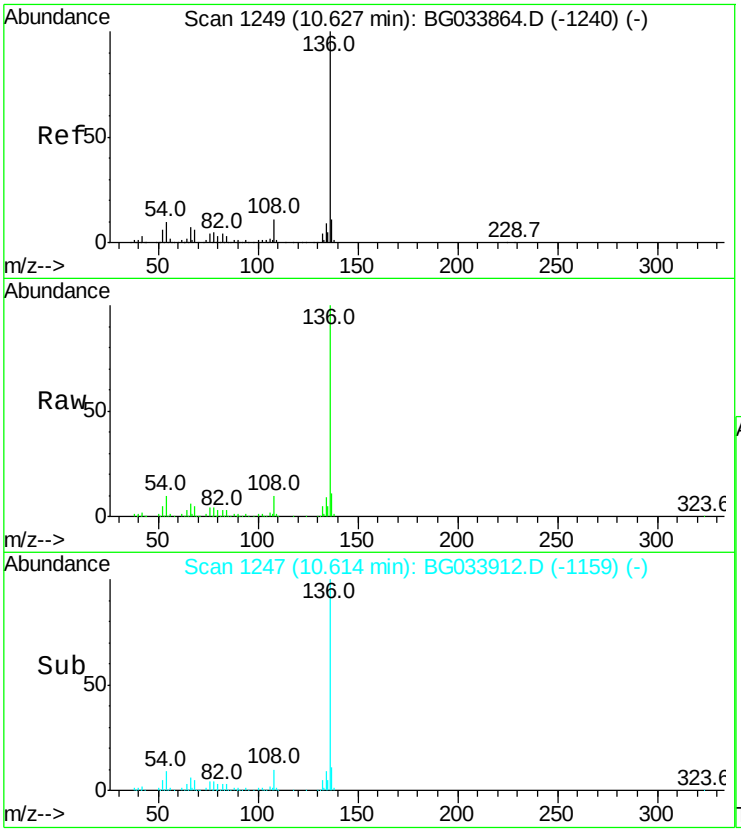


#19
n-Nitroso-di-n-propylamine
Concen: 13.402 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion: 70 Resp: 68674

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



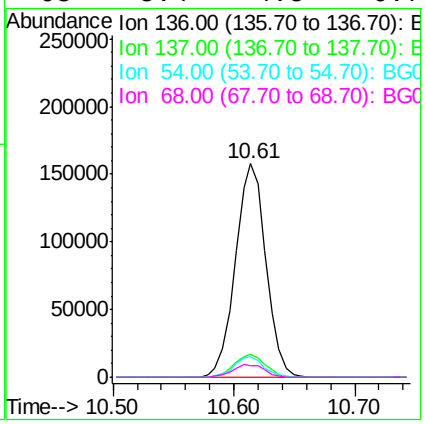


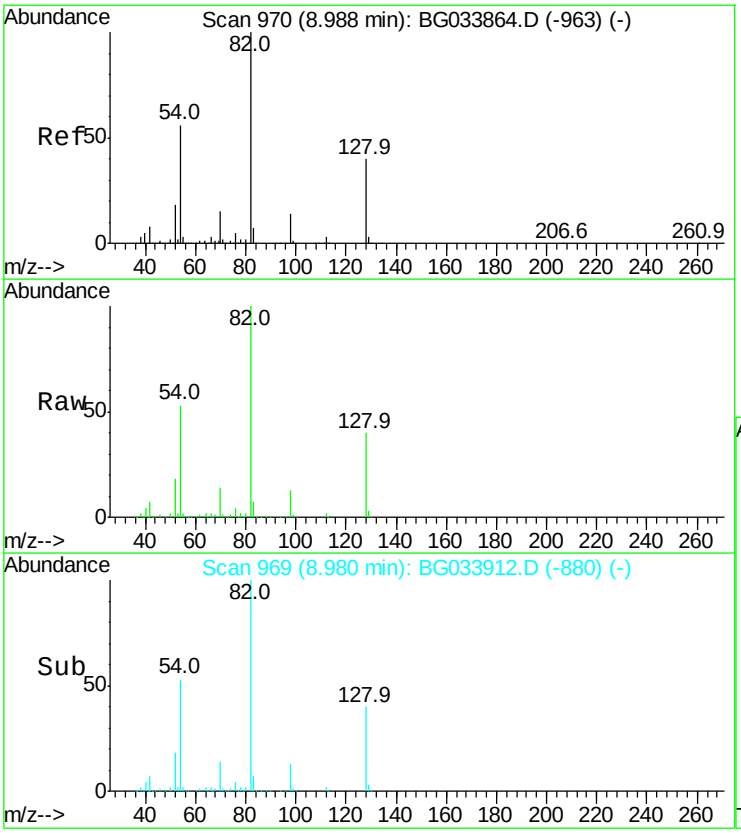
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:136 Resp: 276838

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.6	10.3	15.5#
68	5.4	4.5	6.7

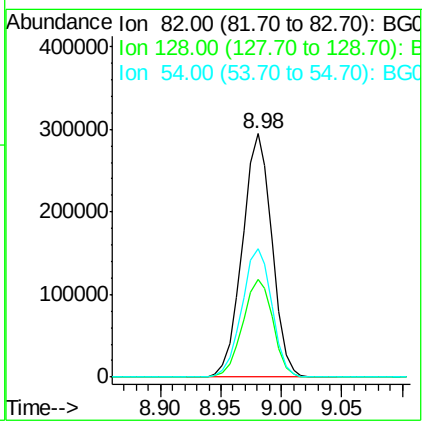


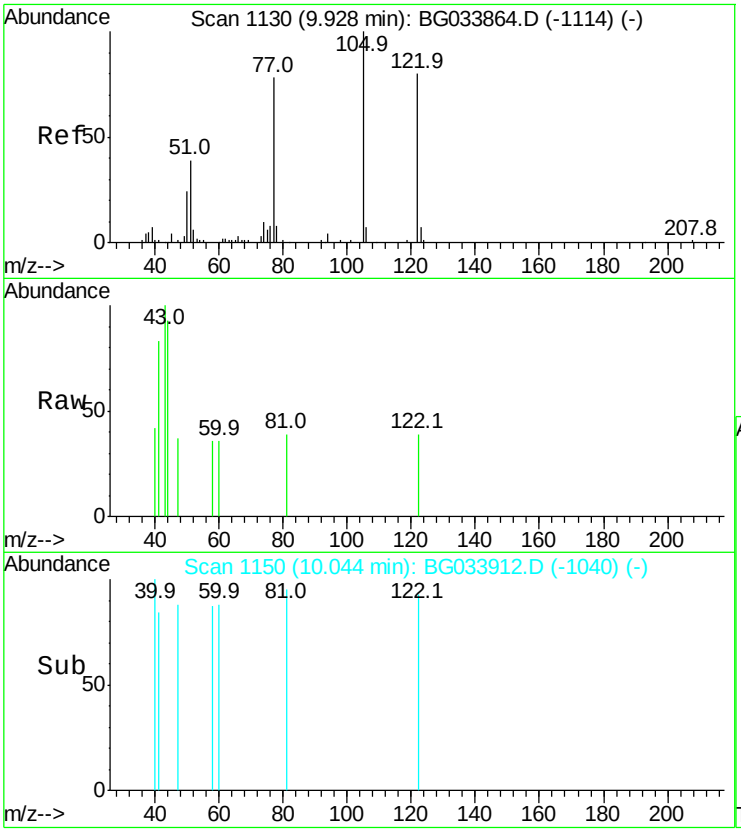


#23
Nitrobenzene-d5
Concen: 103.448 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion: 82 Resp: 503226

Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.7	44.5
54	52.9	43.1	64.7



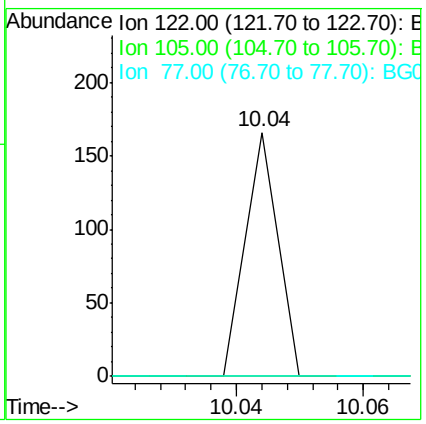


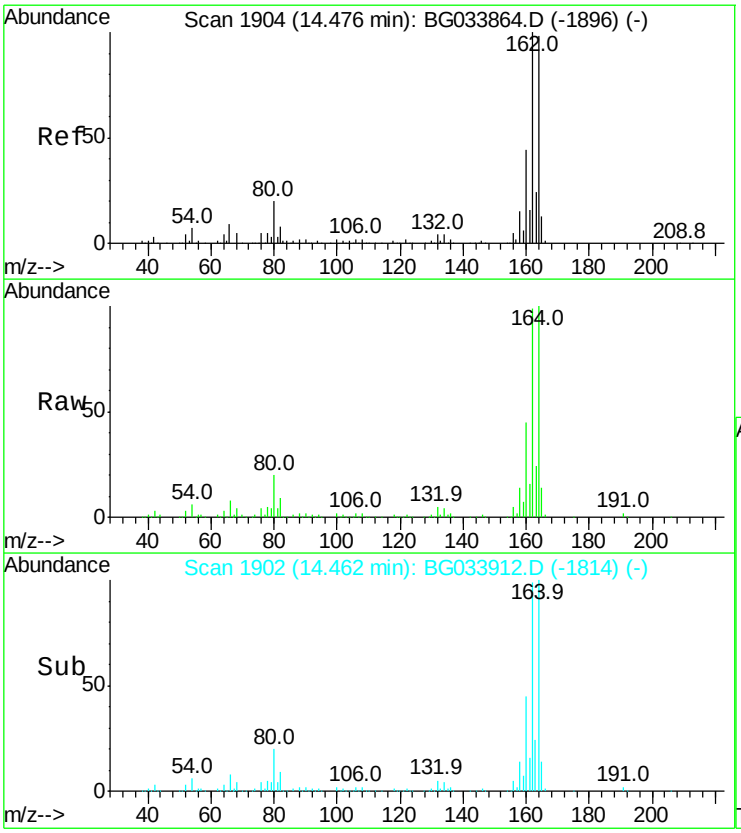
#32
Benzoic acid
Concen: 5.098 ng
RT: 10.04 min Scan# 1150
Delta R.T. 0.12 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:122 Resp: 59

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

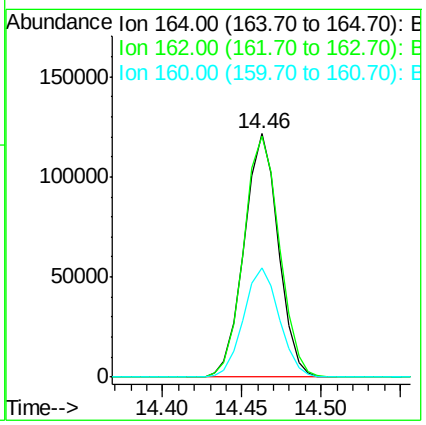


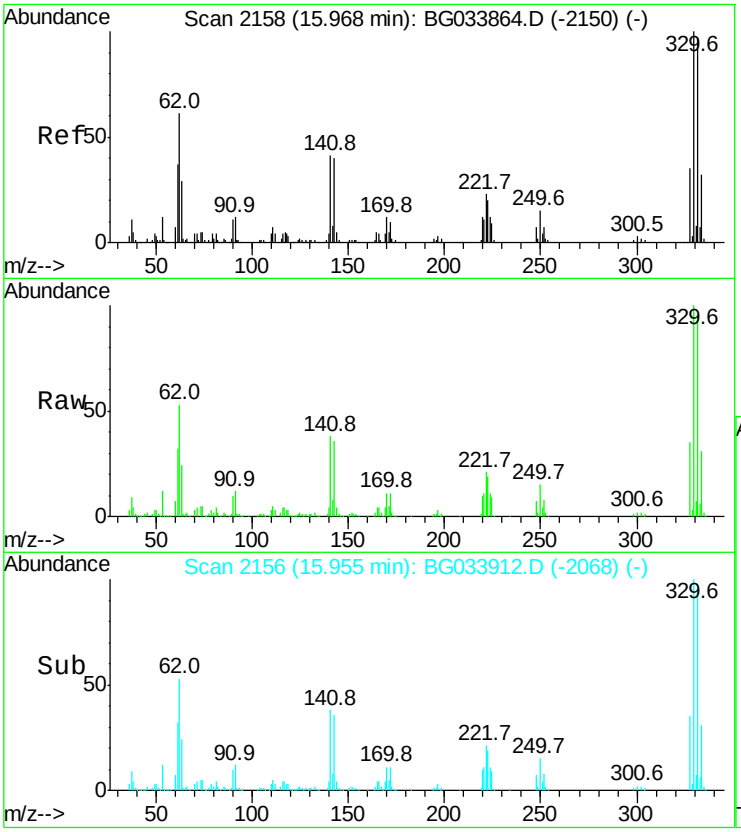


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:164 Resp: 182209

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.6	35.4	53.0



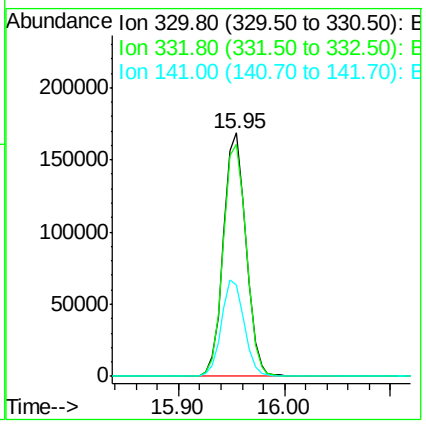


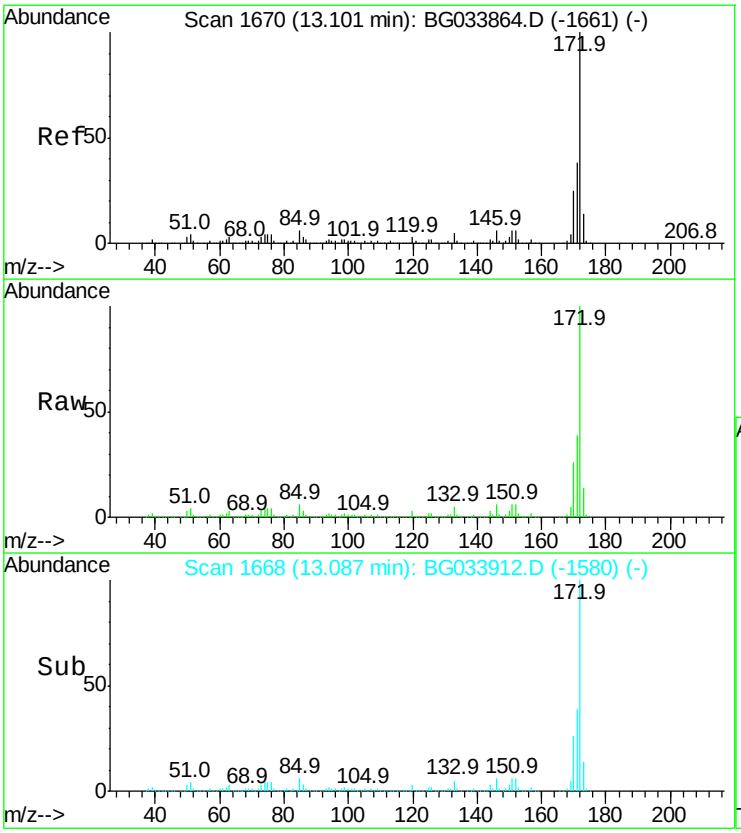
#41
2,4,6-Tribromophenol
Concen: 117.166 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:330 Resp: 249066

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	40.0	25.2	37.8#

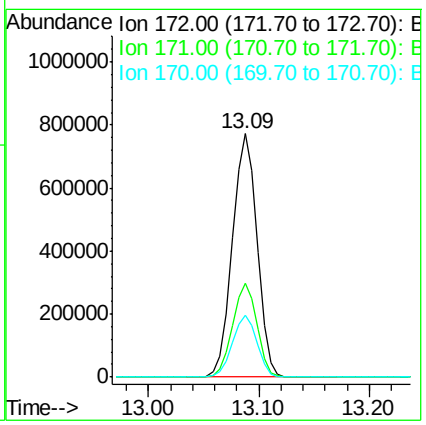


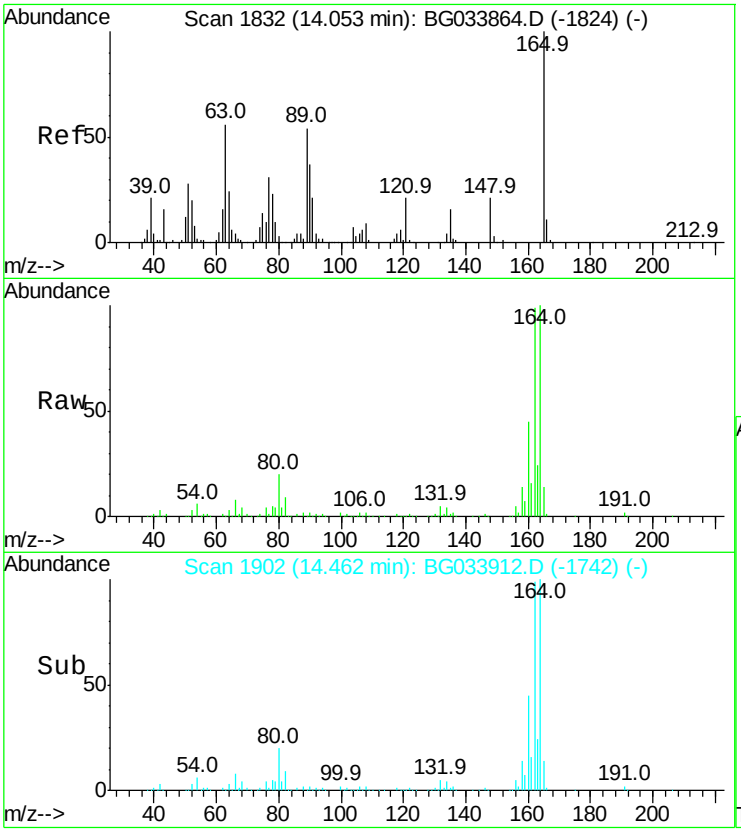


#44
2-Fluorobiphenyl
Concen: 97.636 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:172 Resp: 1211014

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



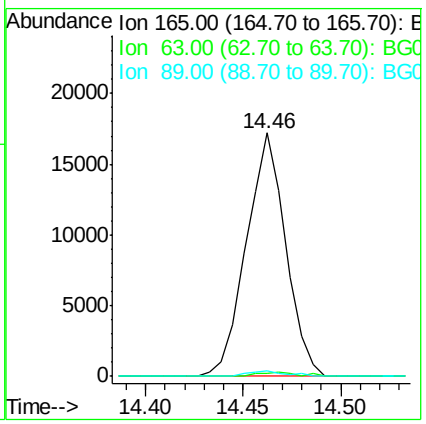


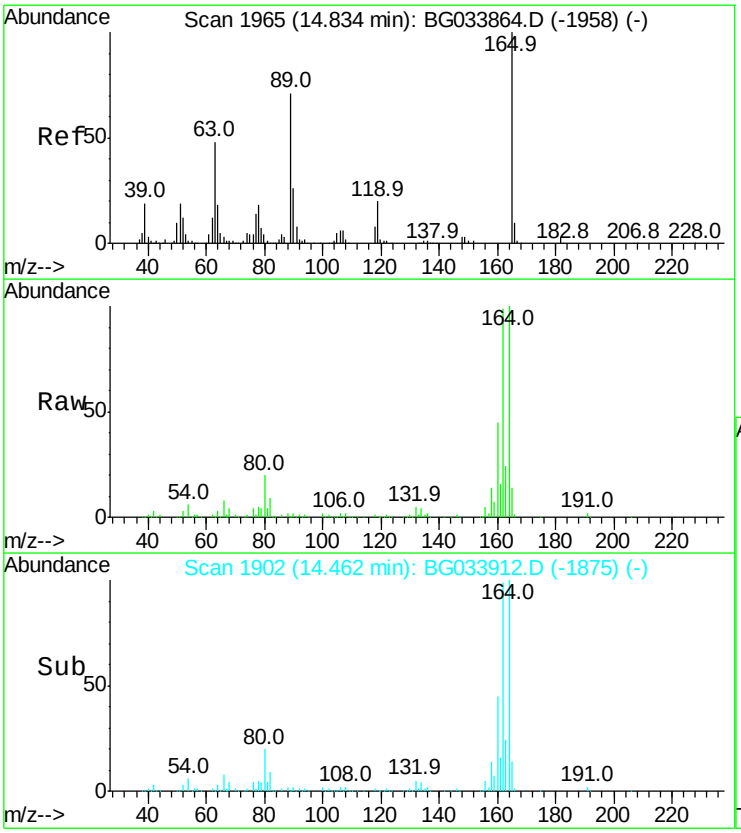
#50
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:165 Resp: 23918

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

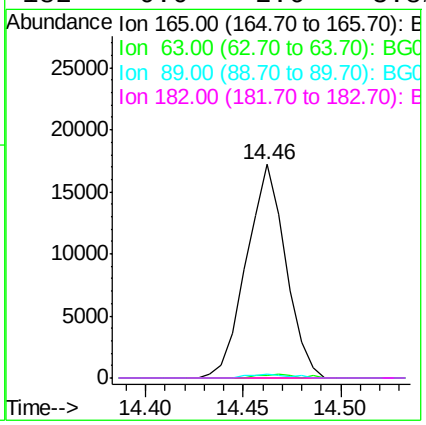


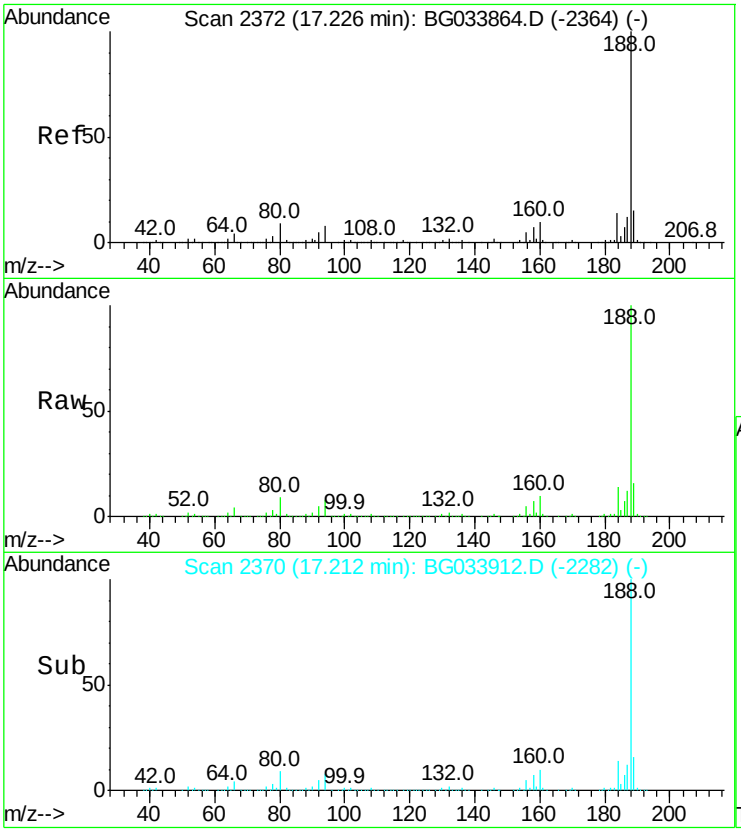


#56
2,4-Dinitrotoluene
Concen: 5.922 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:165 Resp: 23918

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#



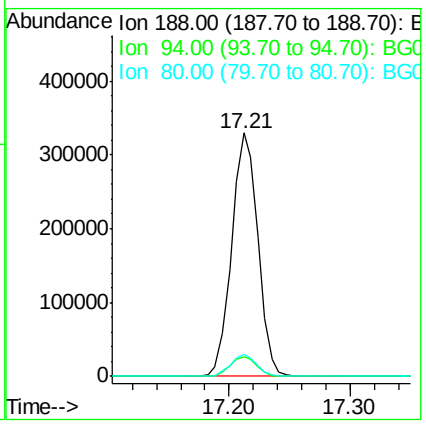


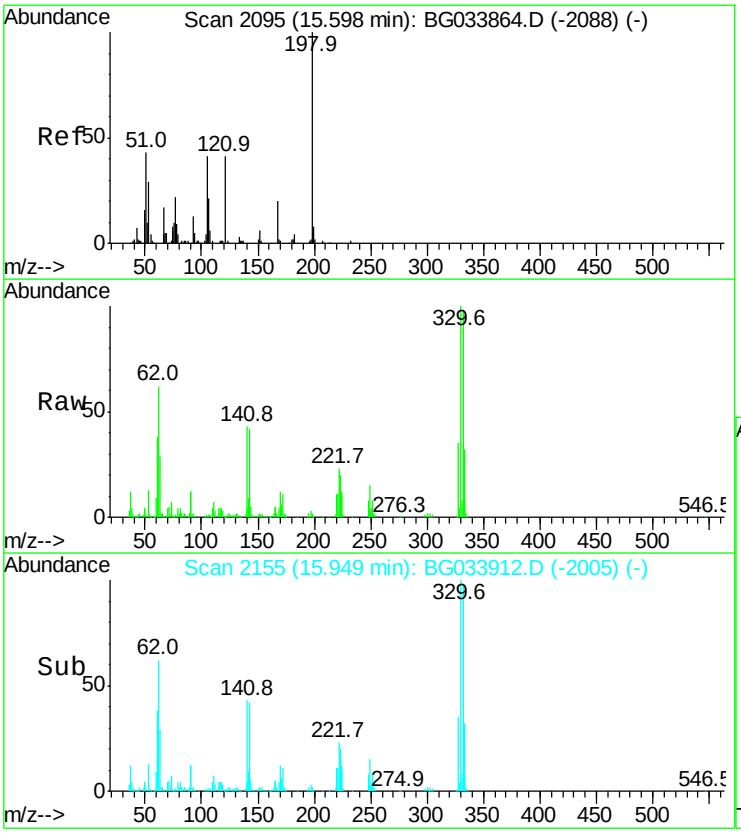
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:188 Resp: 497031

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.9	7.7	11.5

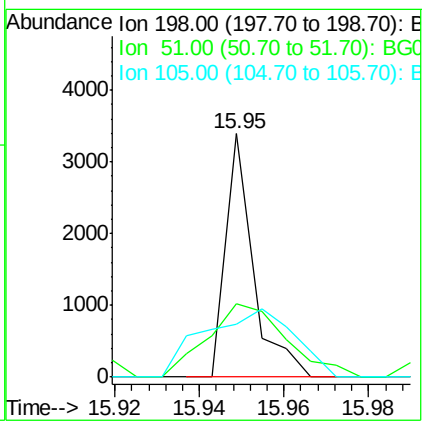


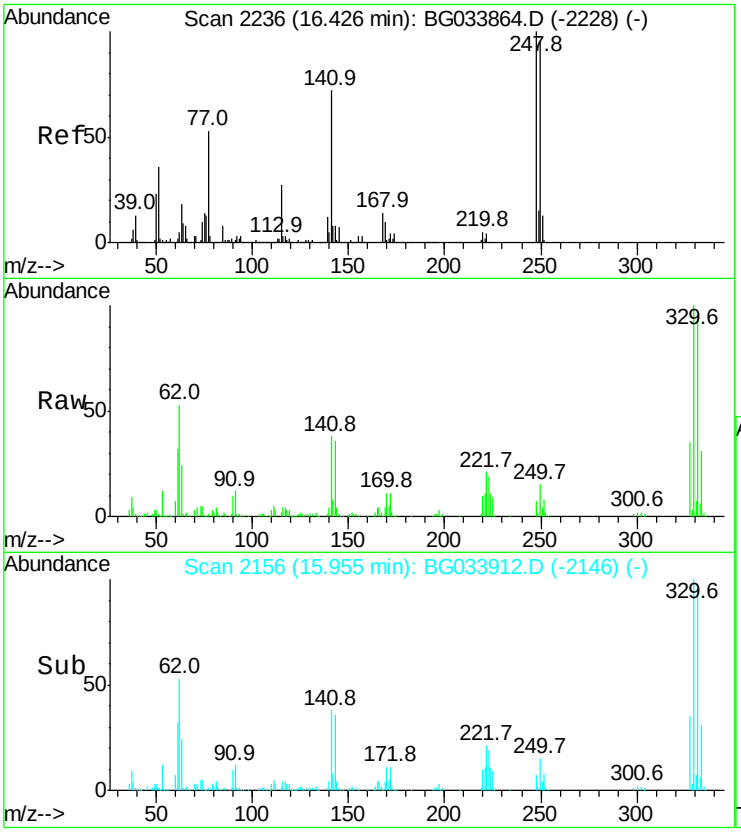


#64
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.95 min Scan# 2155
Delta R.T. 0.35 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:198 Resp: 1529

Ion	Ratio	Lower	Upper
198	100		
51	30.0	30.6	70.6#
105	21.5	23.8	63.8#



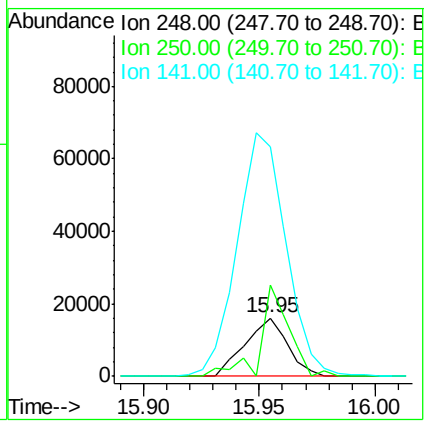


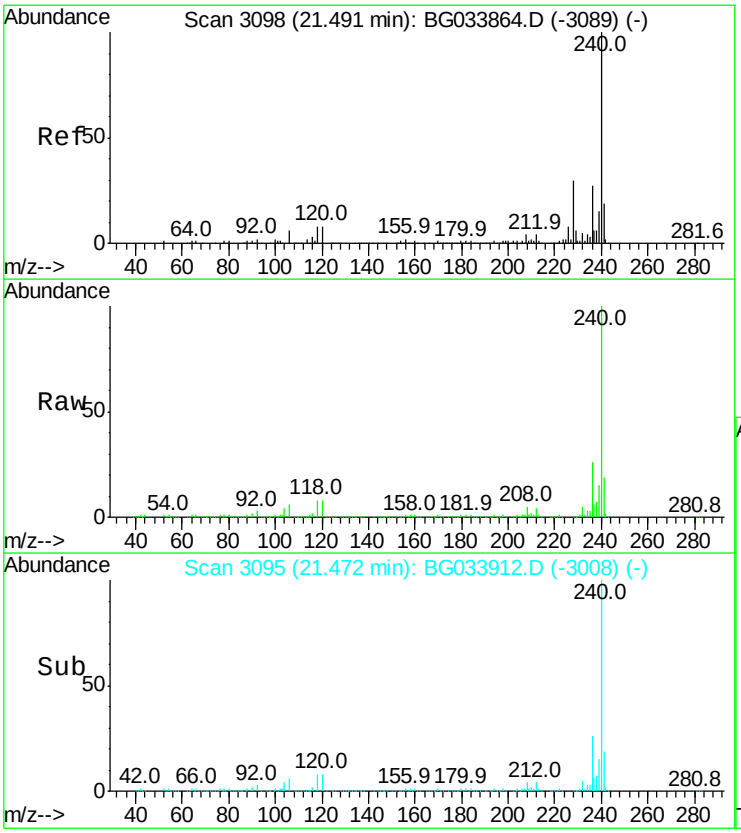
#66
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:248 Resp: 20675

Ion	Ratio	Lower	Upper
248	100		
250	196.6	77.1	115.7#
141	393.0	50.8	76.2#

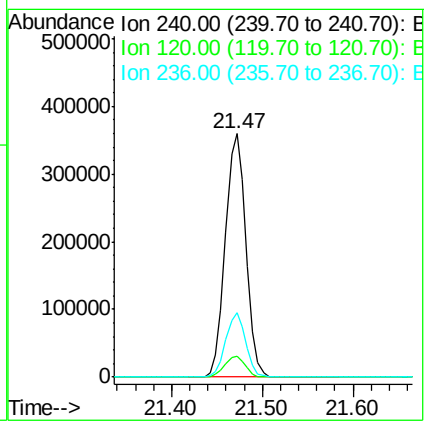


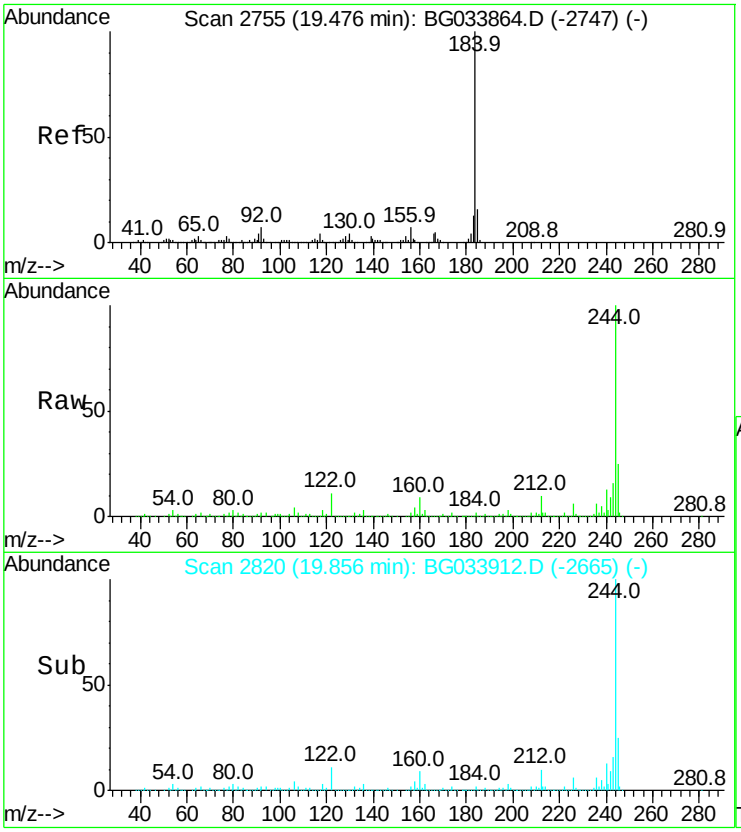


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:240 Resp: 565206

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	26.4	20.9	31.3



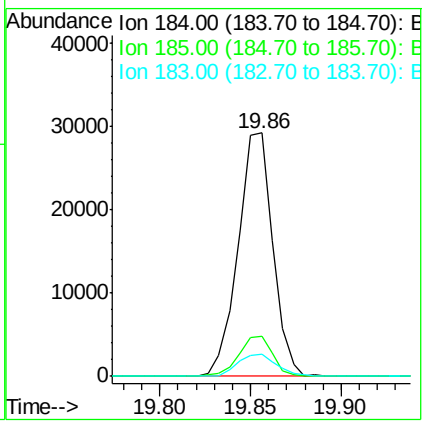


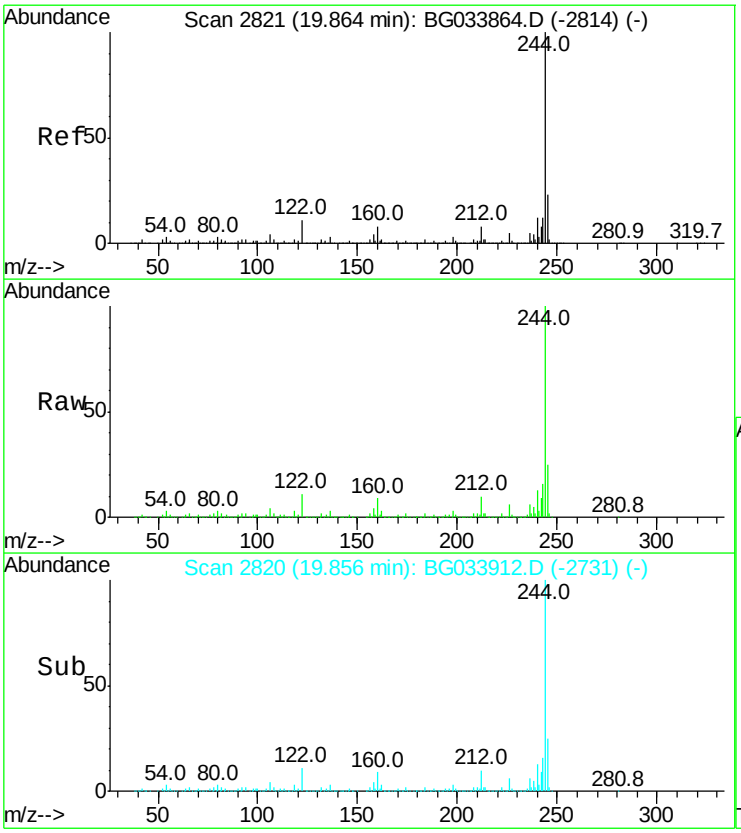
#76
Benzidine
Concen: 2.548 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tgt Ion:184 Resp: 38884

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

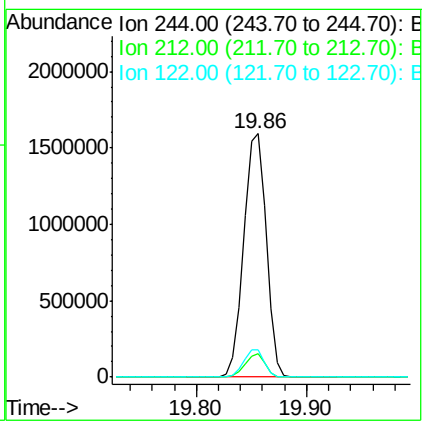


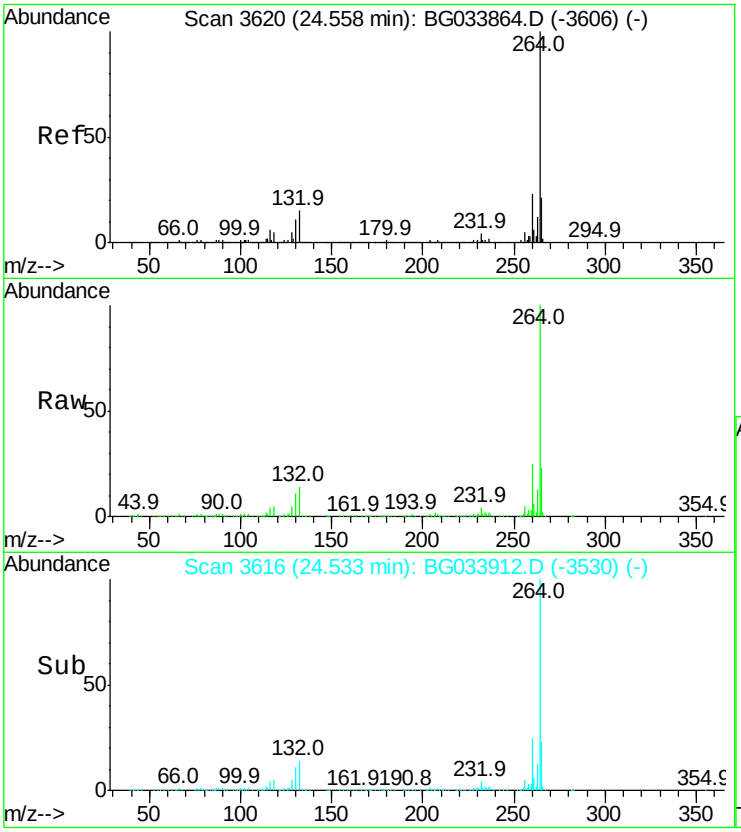


#78
Terphenyl-d14
Concen: 91.214 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:244 Resp: 2294785

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	11.0	7.0	10.4#

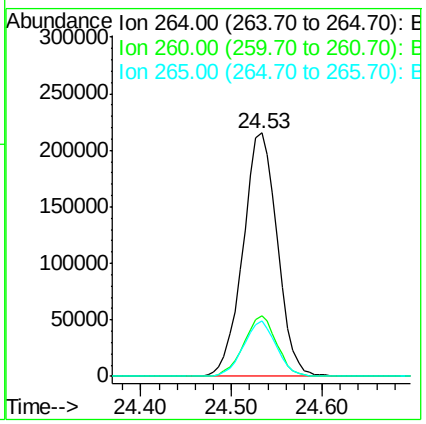




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3616
Delta R.T. -0.03 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:264 Resp: 565403

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.6	17.7	26.5



Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M