Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
Data File : BG032143.D
Acq On : 18 Jan 2018 19:32
Operator : SJ/JU
Sample : J1187-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 19 00:30:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41516	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	178014	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	131829	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	372344	20.00	ng		0.00
75) Chrysene-d12	22.44	240	486012	20.00	ng		0.00
86) Perylene-d12	26.15	264	495709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	326211	143.71	ng		0.00
7) Phenol-d6	7.85	99	425960	149.00	ng		0.00
23) Nitrobenzene-d5	9.94	82	256593	97.52	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	332687	152.51	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	911461	85.73	ng		0.00
78) Terphenyl-d14	20.65	244	1724473	78.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.88	94	16873	5.991	ng		93
15) Benzyl Alcohol	9.08	79	4261	2.052	ng	#	37
19) n-Nitroso-di-n-propylamine	9.94	70	35904	20.241	ng	#	73
49) Dimethylphthalate	14.80	163	134725	11.679	ng		97
56) 2,4-Dinitrotoluene	15.38	165	17022	5.280	ng	#	19
64) 4,6-Dinitro-2-methylphenol	16.86	198	856	5.207	ng	#	60
66) 4-Bromophenyl-phenylether	16.85	248	27878	5.262	ng	#	1

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

Quantitation Report (Not Reviewed)

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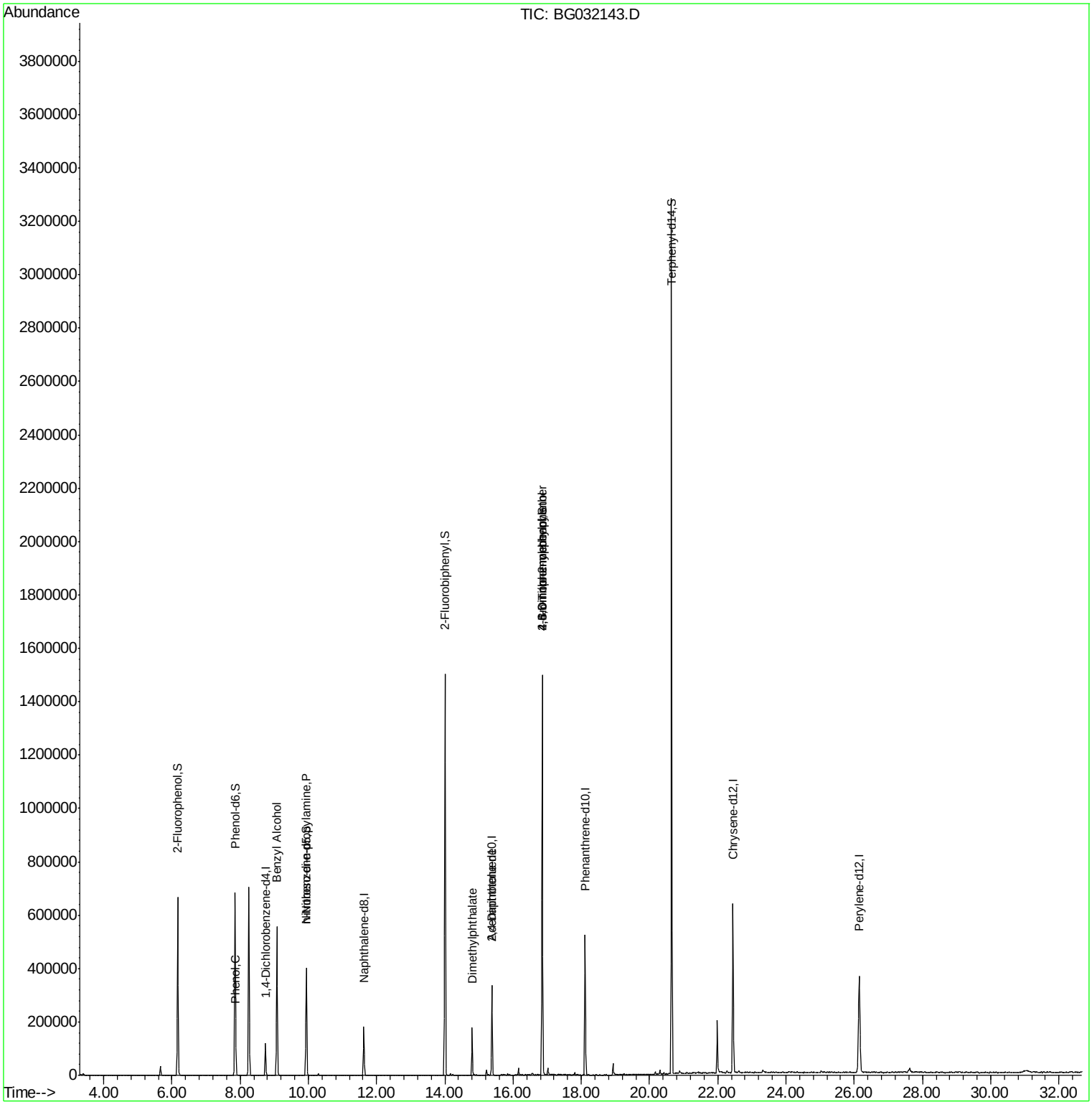
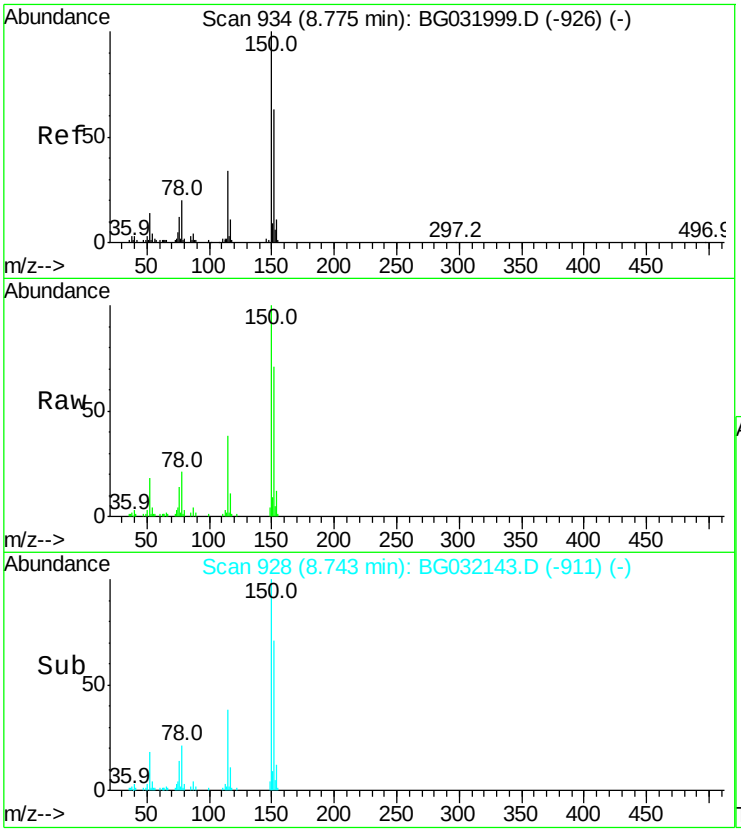


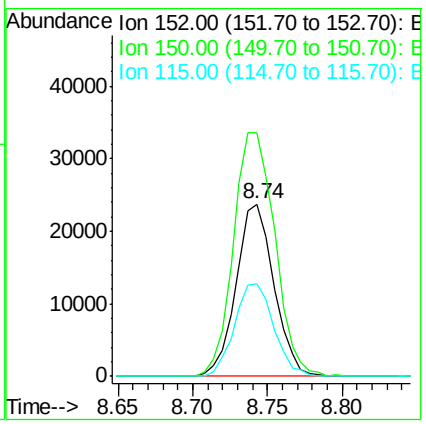


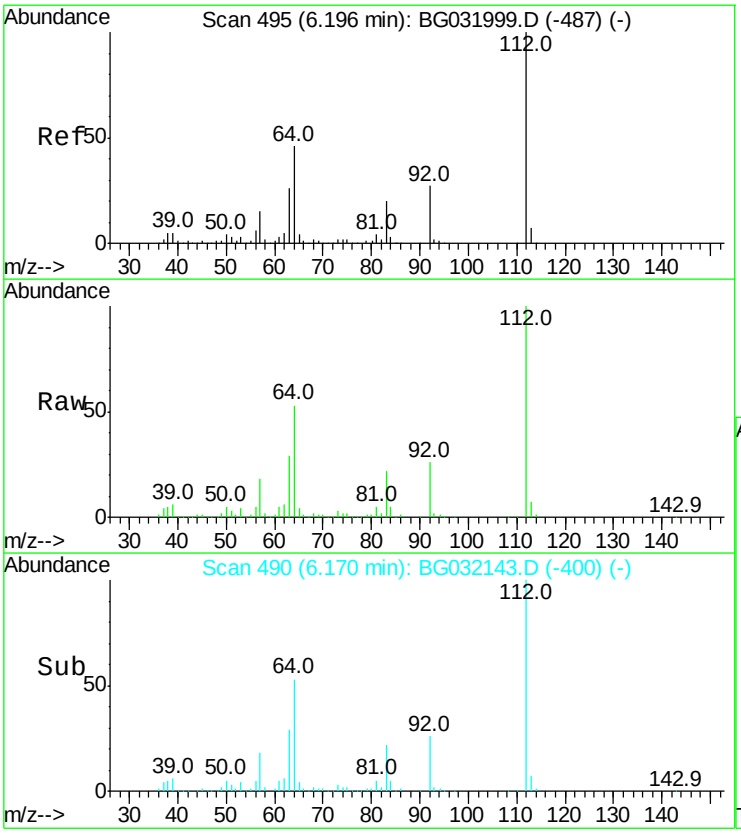
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41516

Ion	Ratio	Lower	Upper
152	100		
150	141.2	126.6	189.8
115	53.9	53.0	79.4

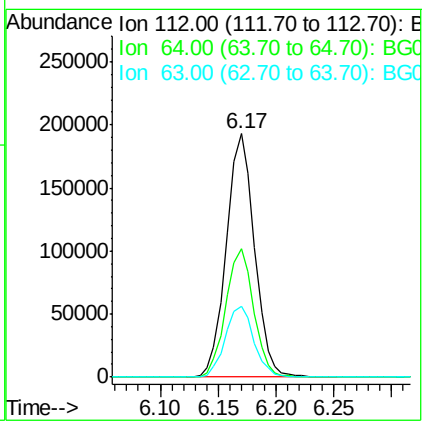


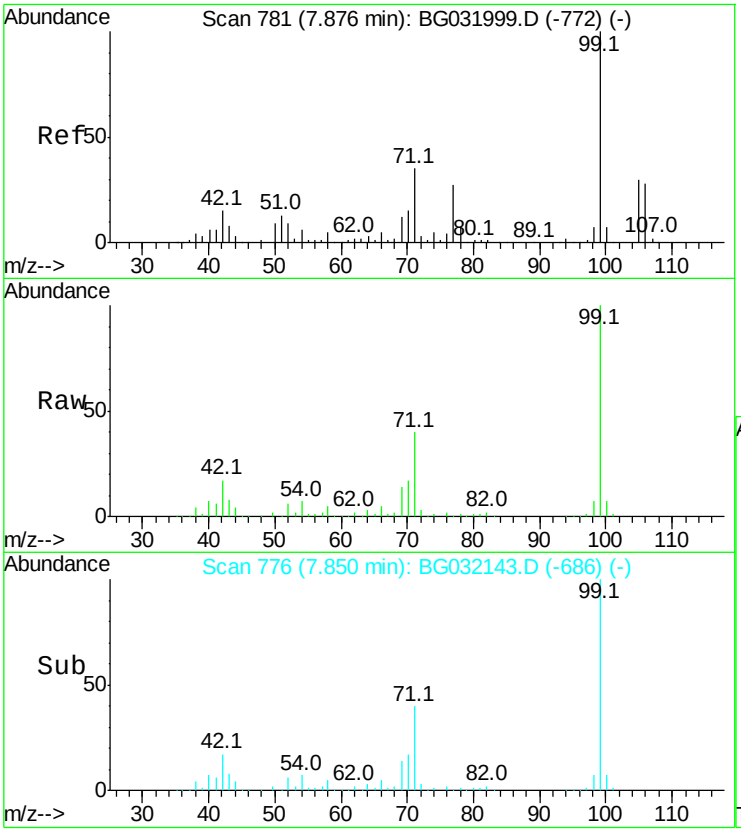


#5
2-Fluorophenol
Concen: 143.708 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:112 Resp: 326211

Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	29.1	30.1	45.1#



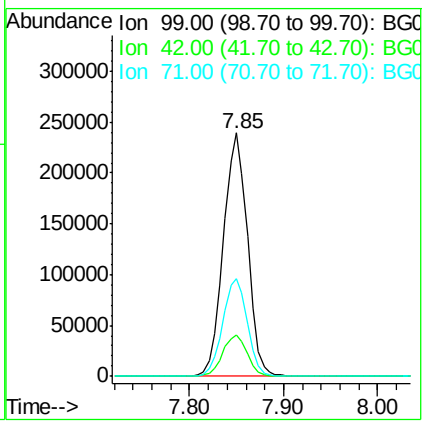


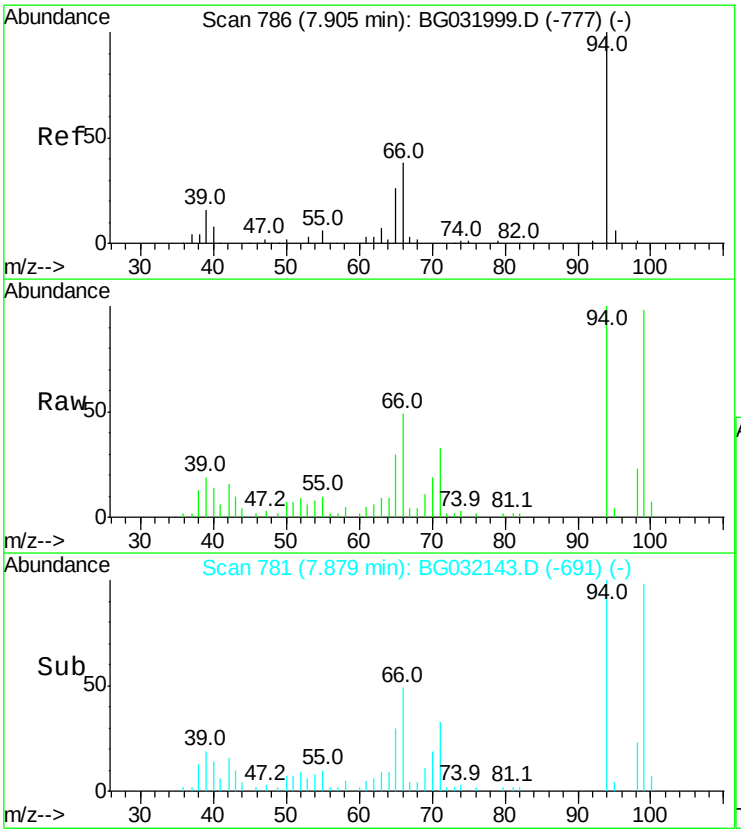
#7
Phenol-d6
Concen: 148.996 ng
RT: 7.85 min Scan# 776
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 425960

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	40.4	26.1	39.1#

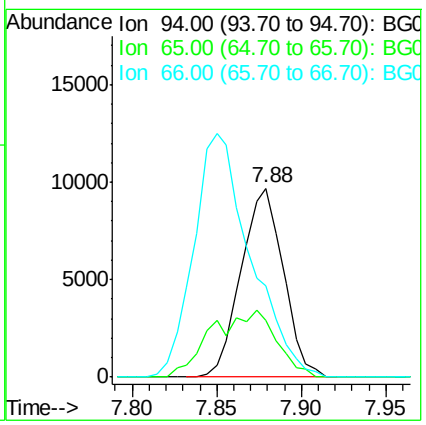


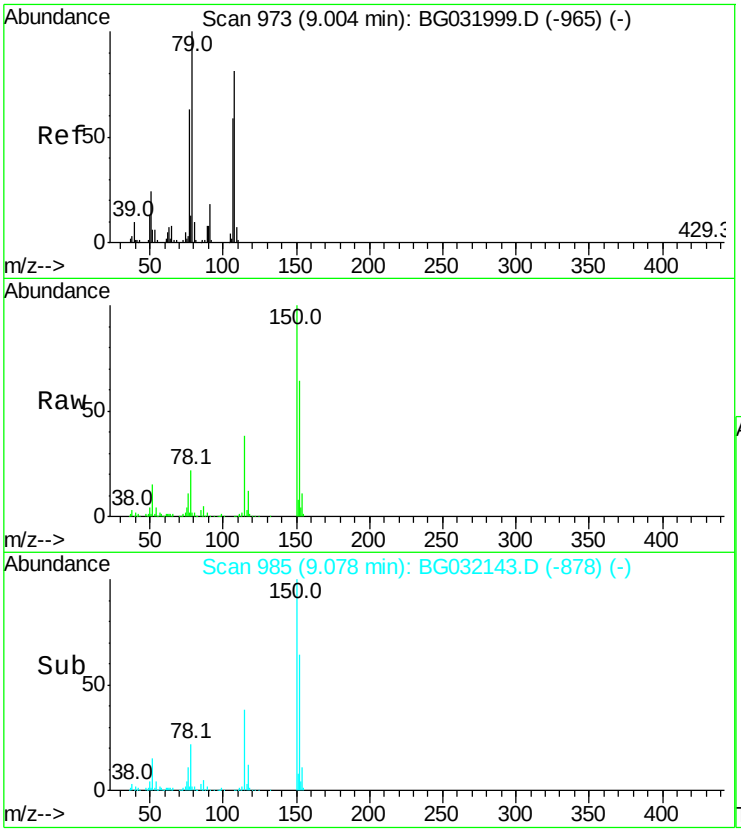


#10
Phenol
Concen: 5.991 ng
RT: 7.88 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion: 94 Resp: 16873

Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.9	51.9
66	48.6	22.2	62.2



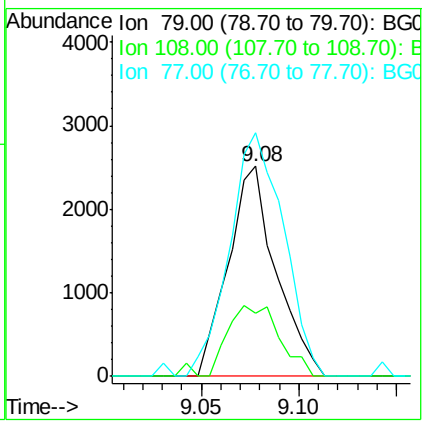


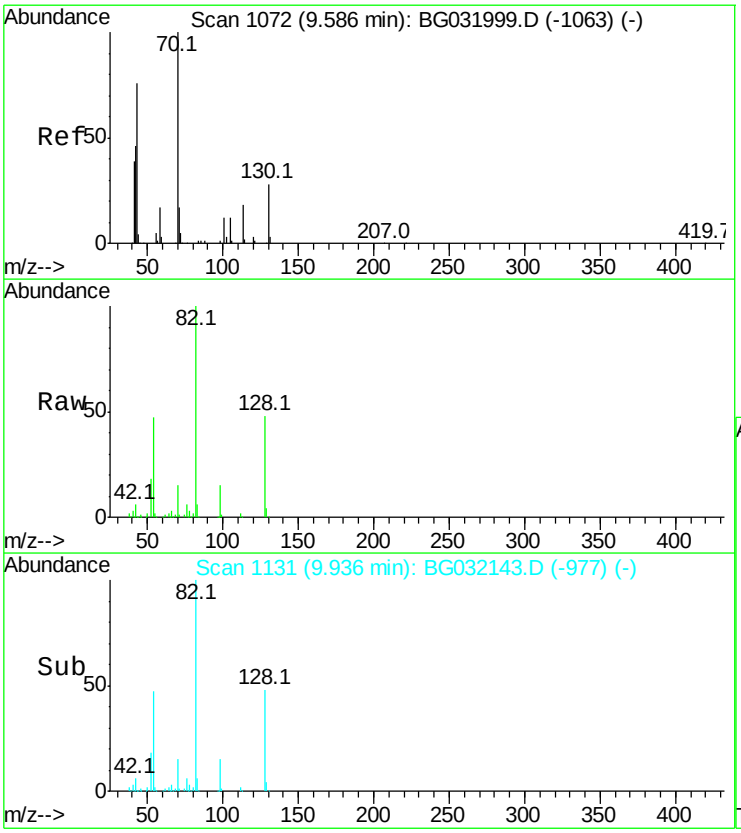
#15
Benzyl Alcohol
Concen: 2.052 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.10 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4261

Ion	Ratio	Lower	Upper
79	100		
108	30.2	57.2	85.8#
77	116.0	46.1	69.1#

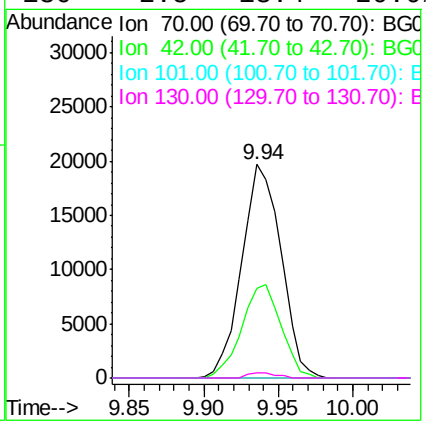


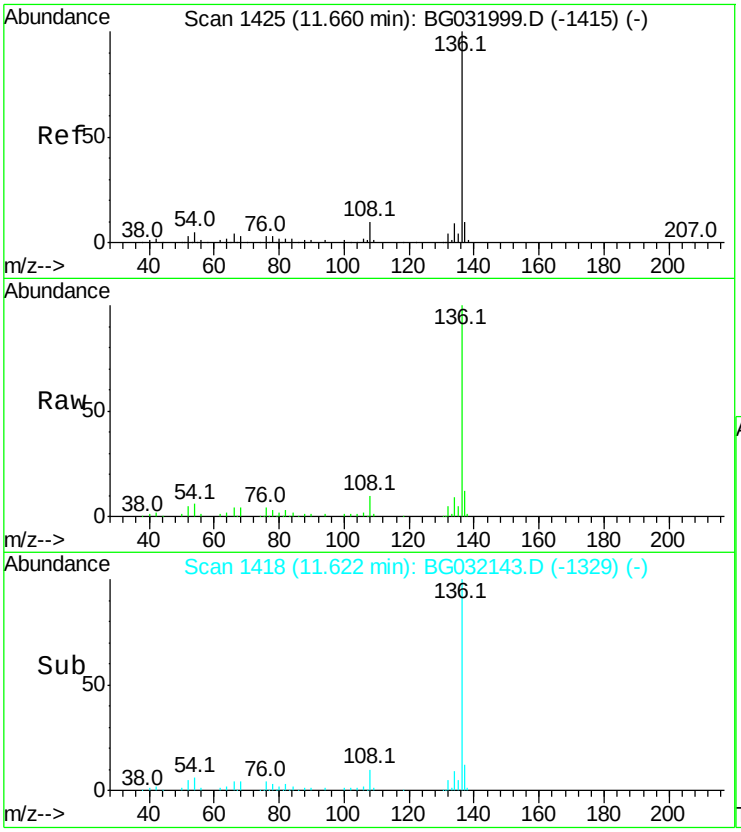


#19
n-Nitroso-di-n-propylamine
Concen: 20.241 ng
RT: 9.94 min Scan# 1131
Delta R.T. 0.38 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion: 70 Resp: 35904

Ion	Ratio	Lower	Upper
70	100		
42	42.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#



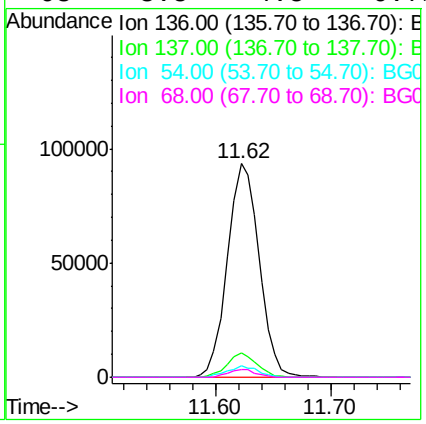


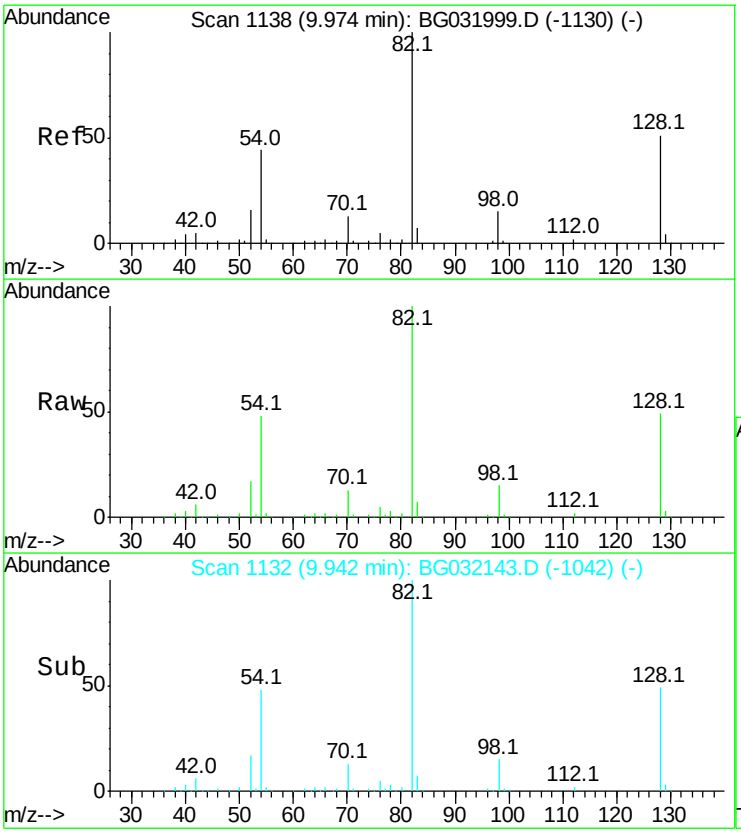
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 178014

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.6	10.3	15.5#
68	3.5	4.5	6.7#

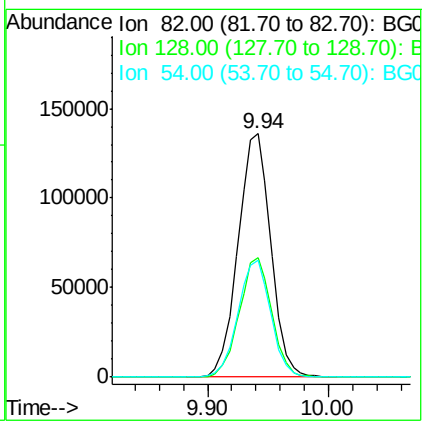


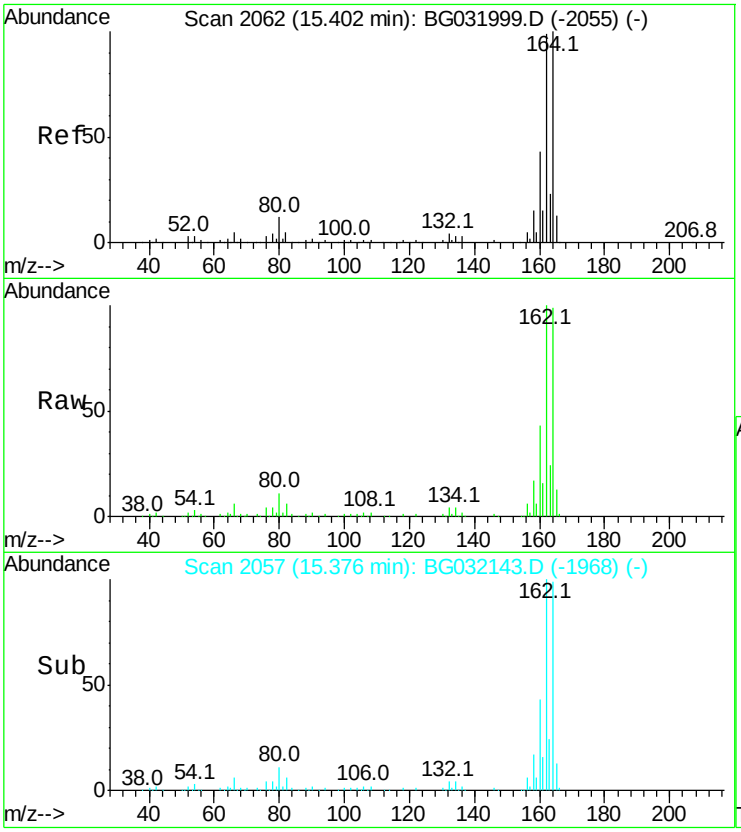


#23
Nitrobenzene-d5
Concen: 97.518 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion: 82 Resp: 256593

Ion	Ratio	Lower	Upper
82	100		
128	49.1	29.7	44.5#
54	47.9	43.1	64.7



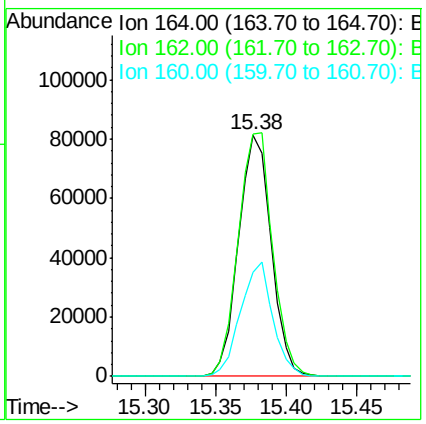


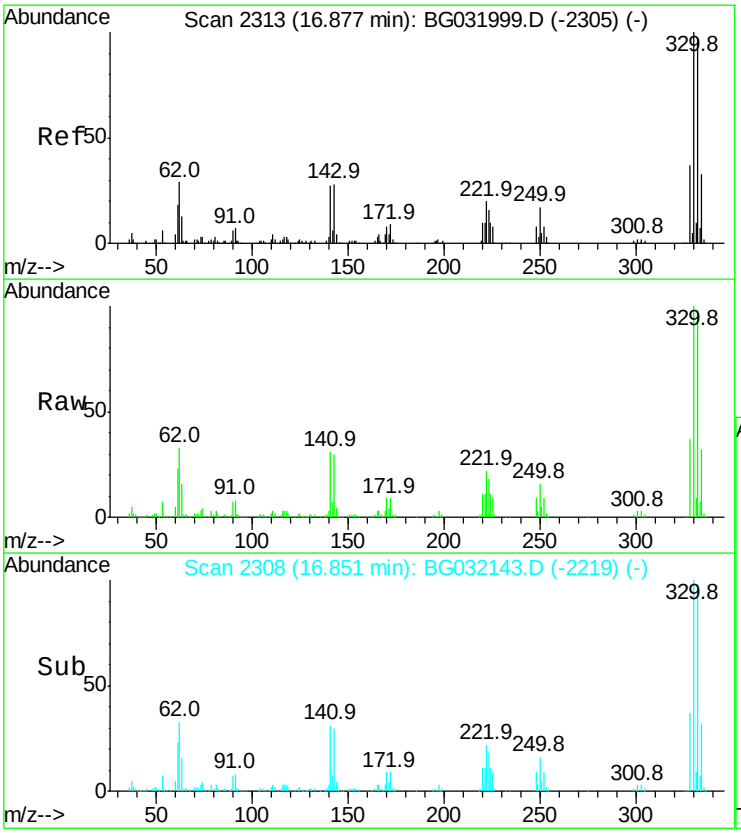
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 131829

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	43.1	35.4	53.0

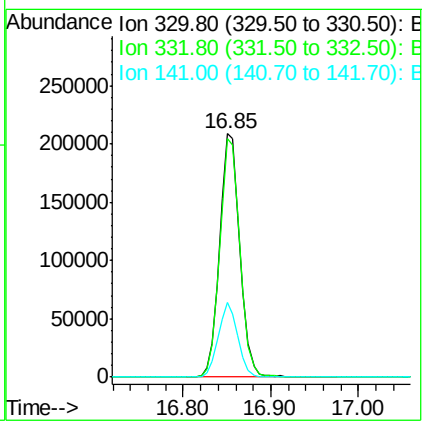


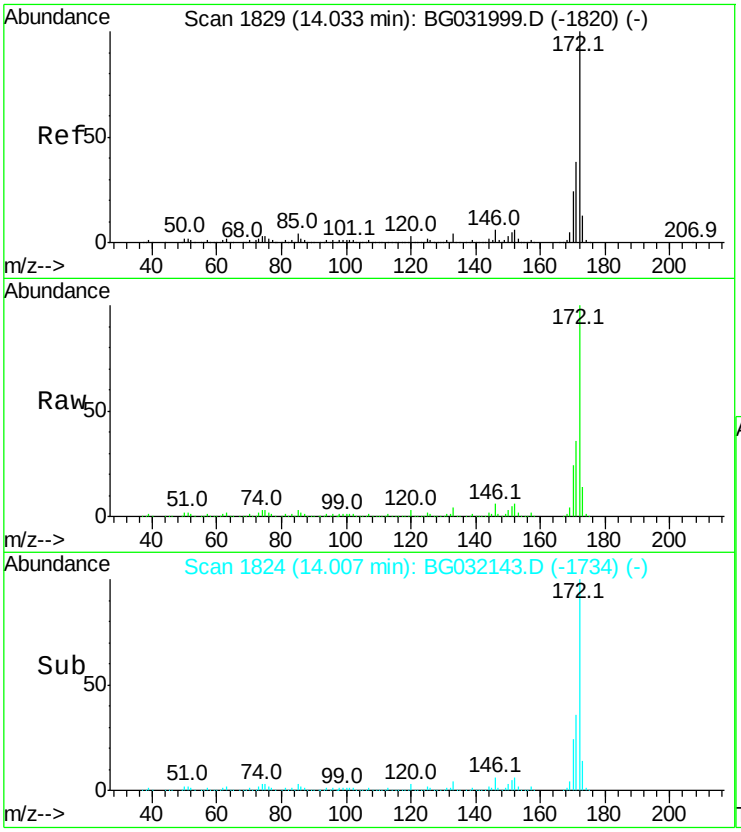


#41
2,4,6-Tribromophenol
Concen: 152.506 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:330 Resp: 332687

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	29.6	25.2	37.8



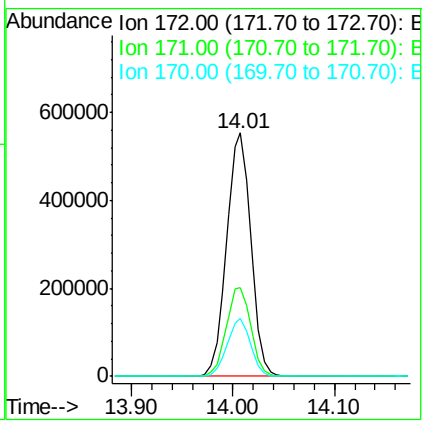


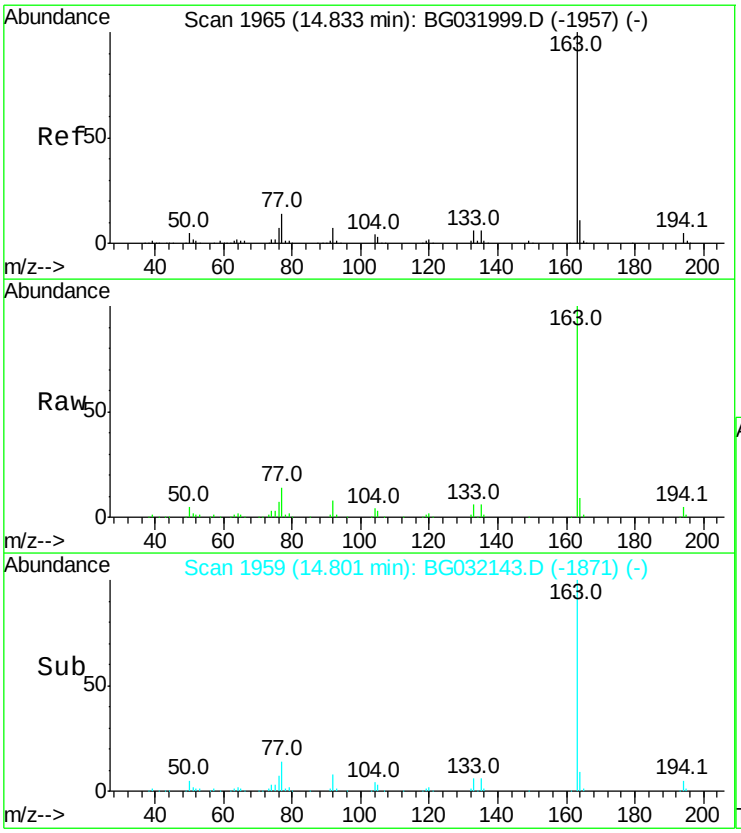
#44
2-Fluorobiphenyl
Concen: 85.730 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 911461

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.8	19.5	29.3

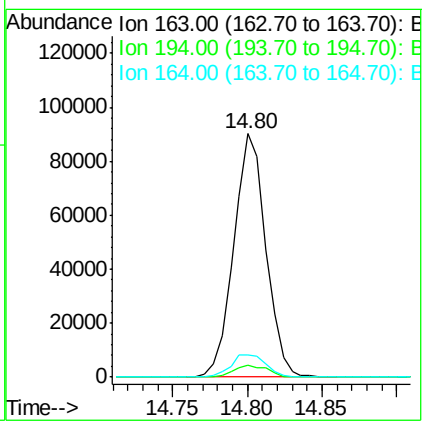


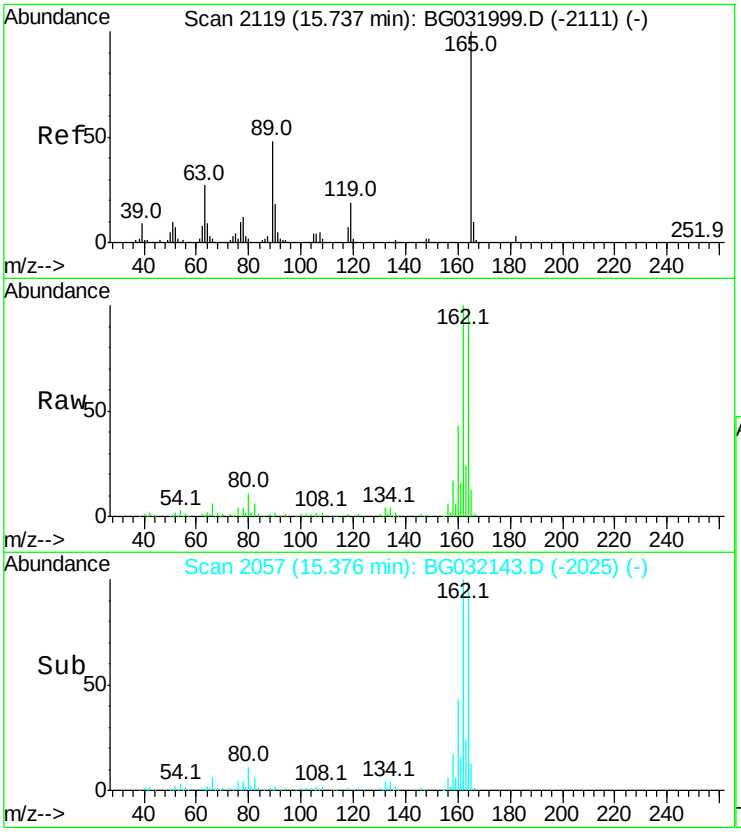


#49
Dimethylphthalate
Concen: 11.679 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:163 Resp: 134725

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.1	8.2	12.4



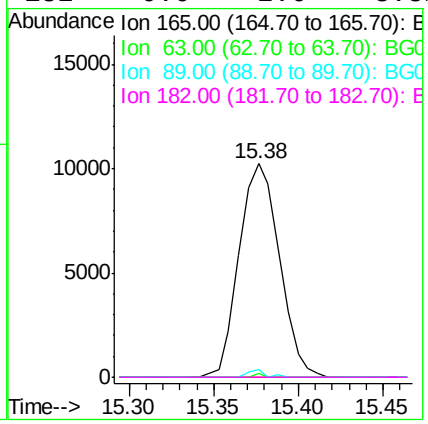


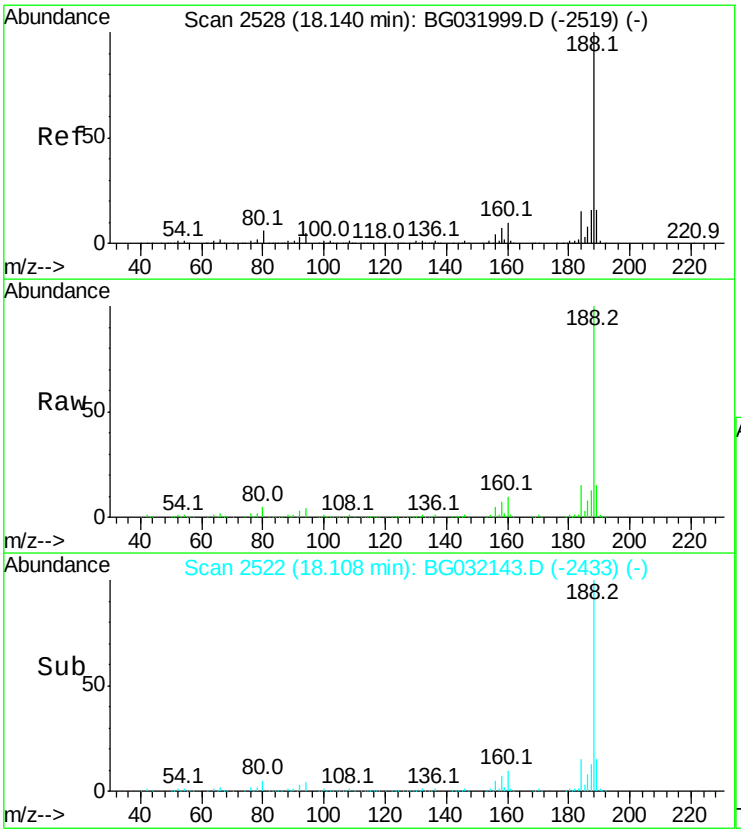
#56
2,4-Dinitrotoluene
Concen: 5.280 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17022

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	3.5	66.9	100.3#
182	0.0	2.6	3.8#

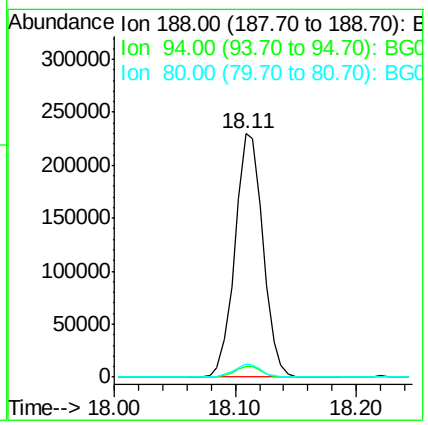


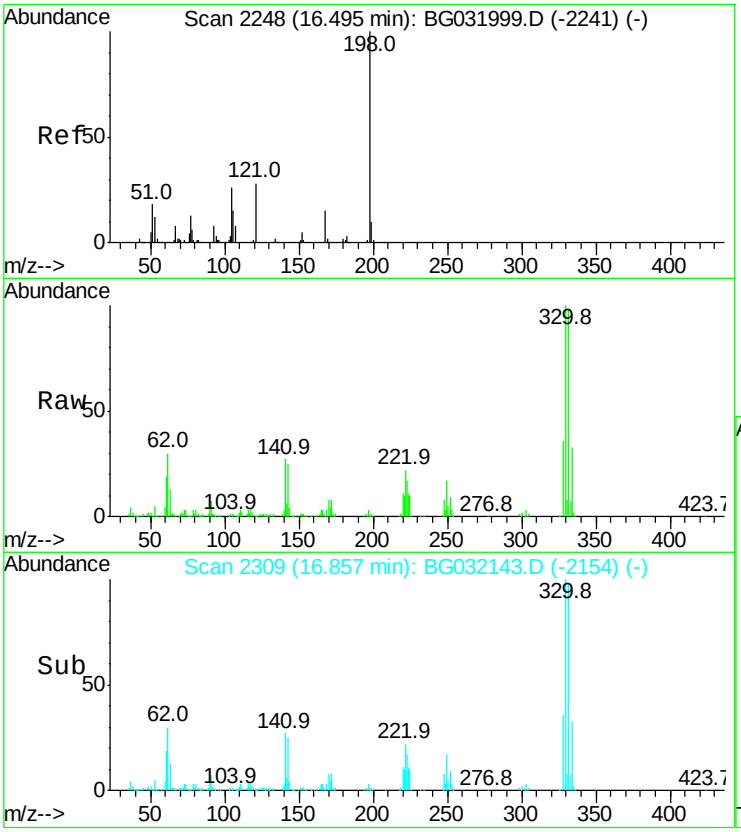


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:188 Resp: 372344

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	5.3	7.7	11.5#



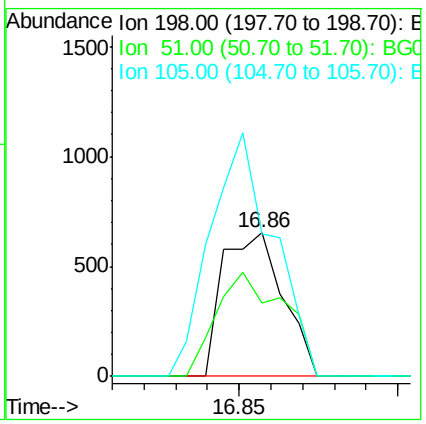


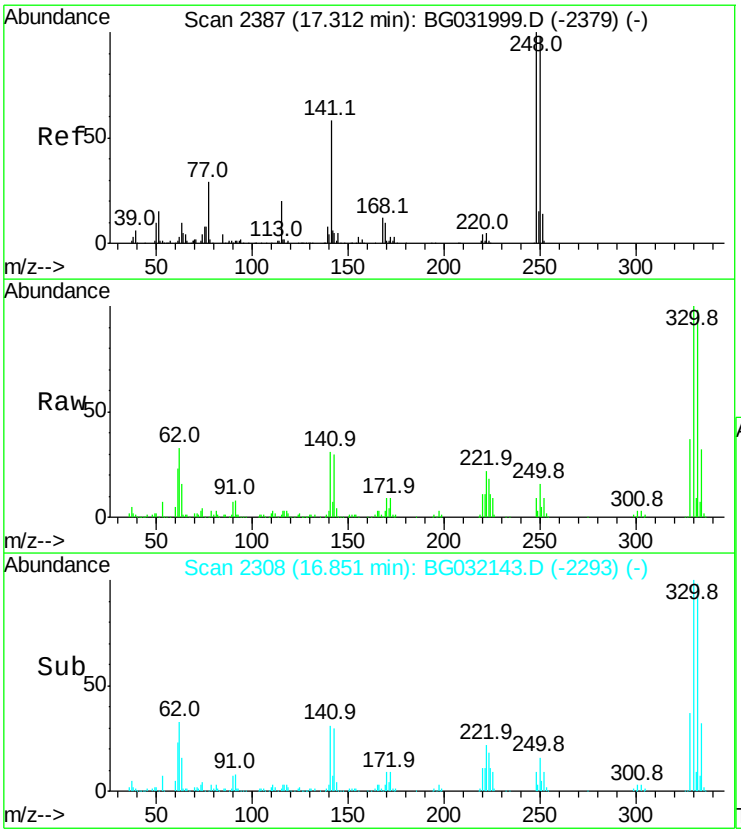
#64
4,6-Dinitro-2-methylphenol
Concen: 5.207 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 856

Ion	Ratio	Lower	Upper
198	100		
51	51.4	30.6	70.6
105	98.8	23.8	63.8#

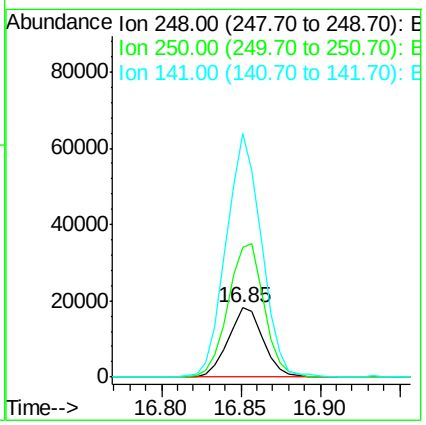


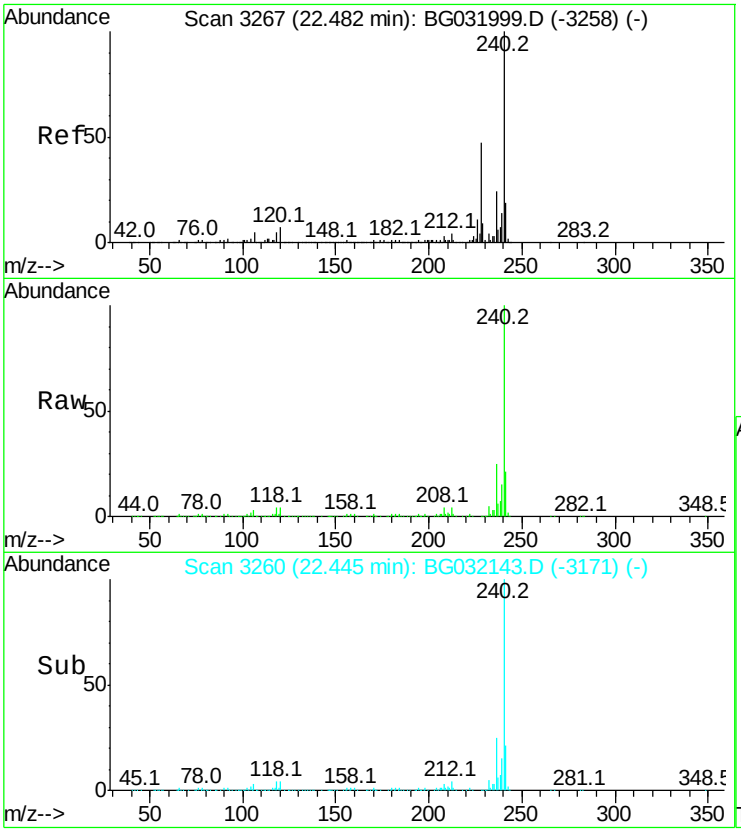


#66
4-Bromophenyl-phenylether
Concen: 5.262 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:248 Resp: 27878

Ion	Ratio	Lower	Upper
248	100		
250	187.5	77.1	115.7#
141	350.4	50.8	76.2#



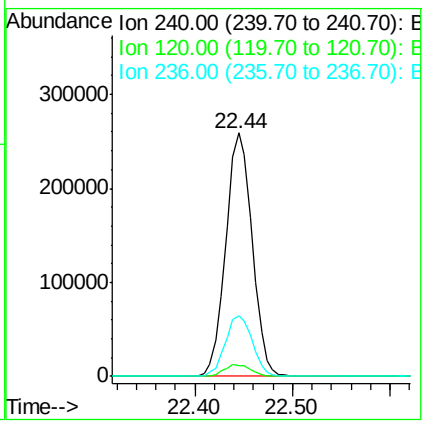


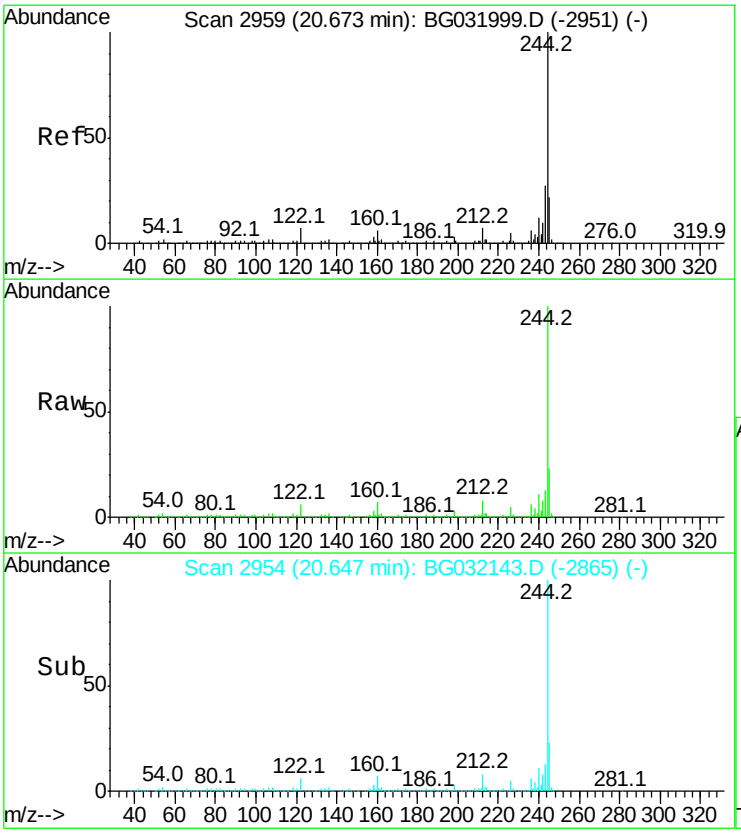
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 486012

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.6	20.9	31.3

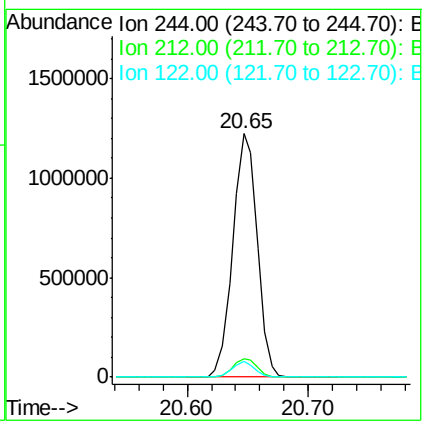


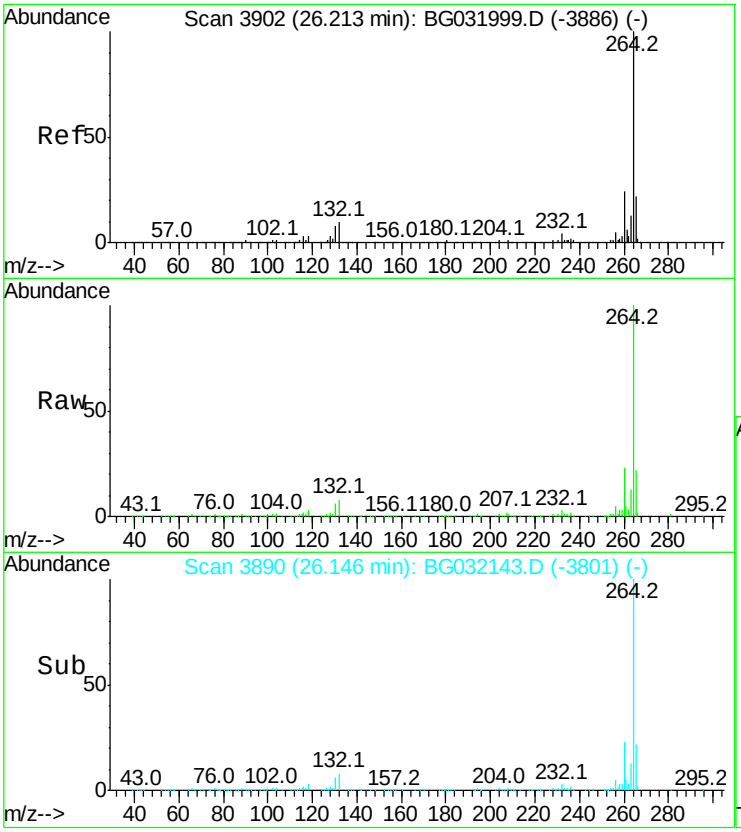


#78
Terphenyl-d14
Concen: 78.346 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:244 Resp: 1724473

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 495709

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5