Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032173.D
Acq On : 20 Jan 2018 6:22
Operator : SJ/JU
Sample : J1203-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 21 23:59:07 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	43997	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	166796	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	109184	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	306153	20.00	ng	0.00
75) Chrysene-d12	22.45	240	450641	20.00	ng	0.00
86) Perylene-d12	26.15	264	466248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	307762	127.94	ng	0.00
7) Phenol-d6	7.85	99	331734	109.49	ng	0.00
23) Nitrobenzene-d5	9.94	82	255060	103.46	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	282479	156.35	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	863463	98.06	ng	0.00
78) Terphenyl-d14	20.65	244	1884985	92.36	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.08	79	4547	2.066	ng	# 30
19) n-Nitroso-di-n-propylamine	9.94	70	35115	18.680	ng	# 74
31) Naphthalene	11.68	128	16971	2.054	ng	# 94
56) 2,4-Dinitrotoluene	15.38	165	14171	5.307	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.85	198	937	5.314	ng	# 17
66) 4-Bromophenyl-phenylether	16.85	248	23708	5.443	ng	# 1
76) Benzidine	20.27	184	59955	5.320	ng	98

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

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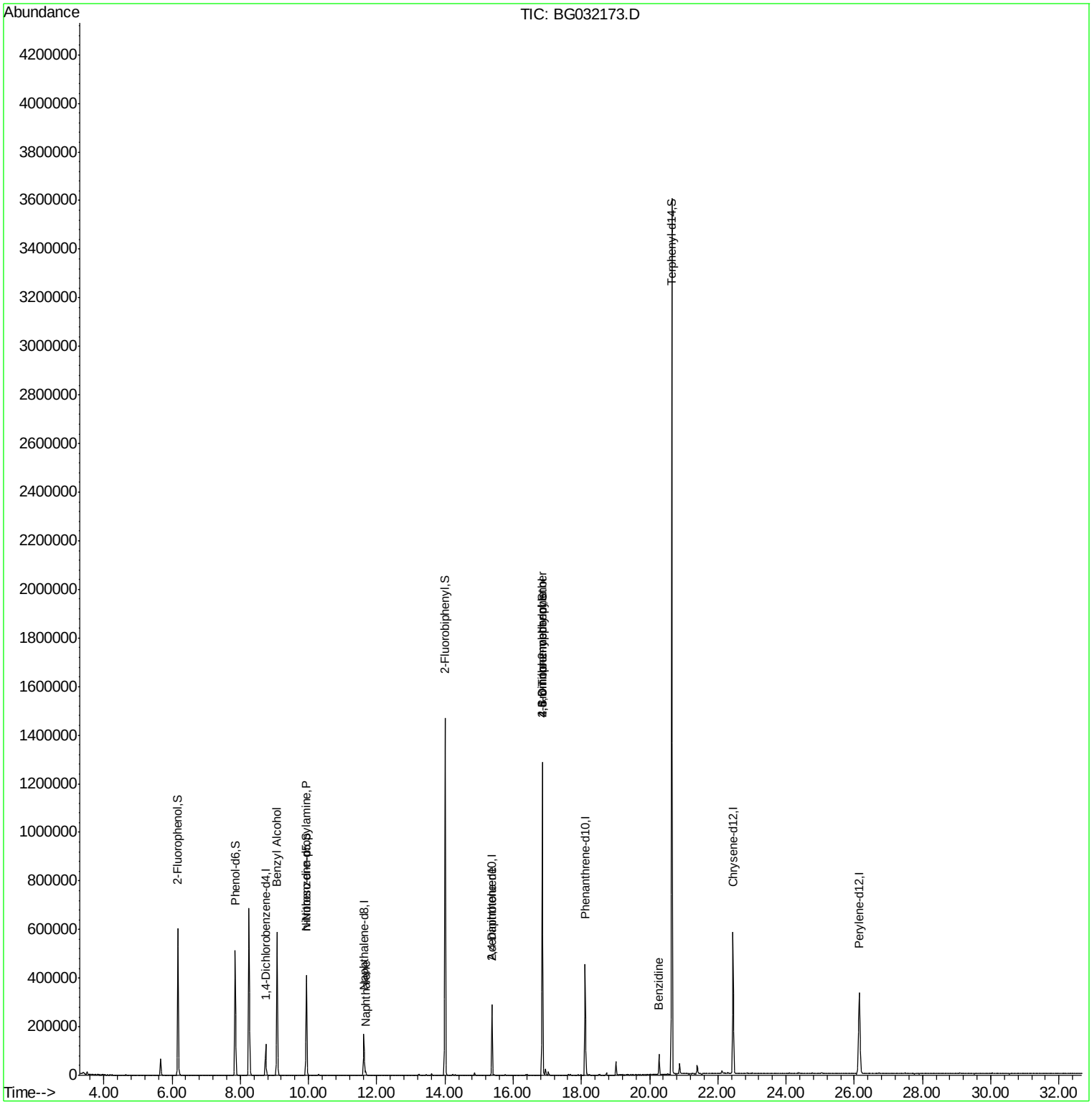
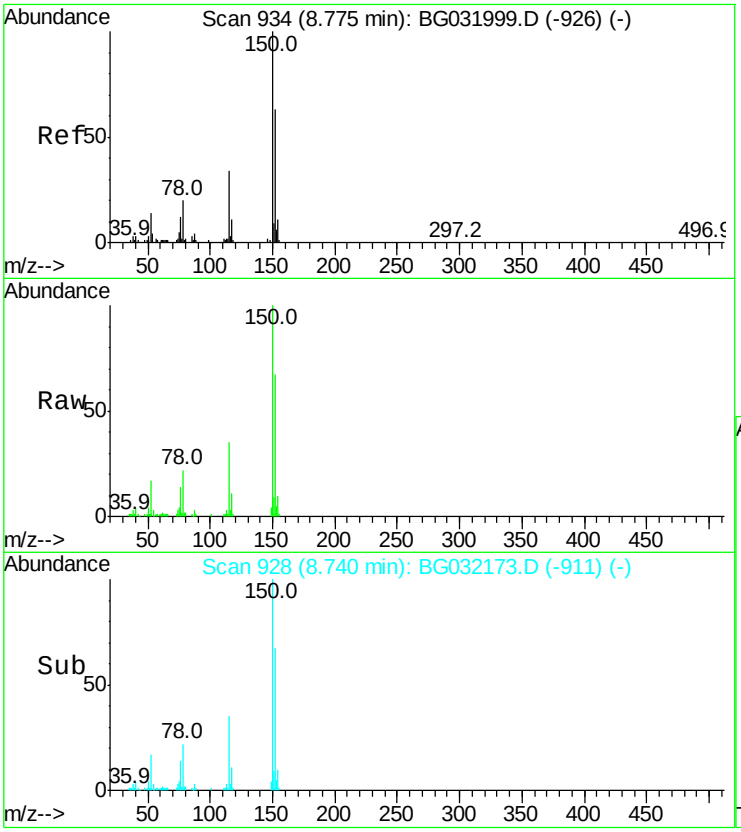


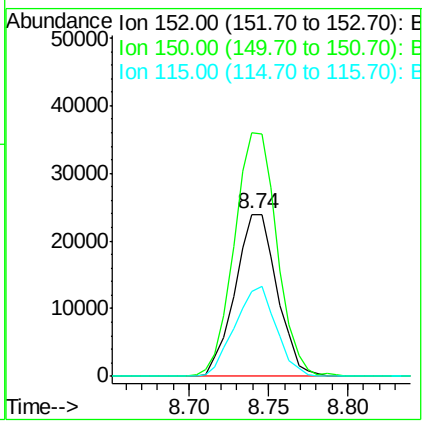


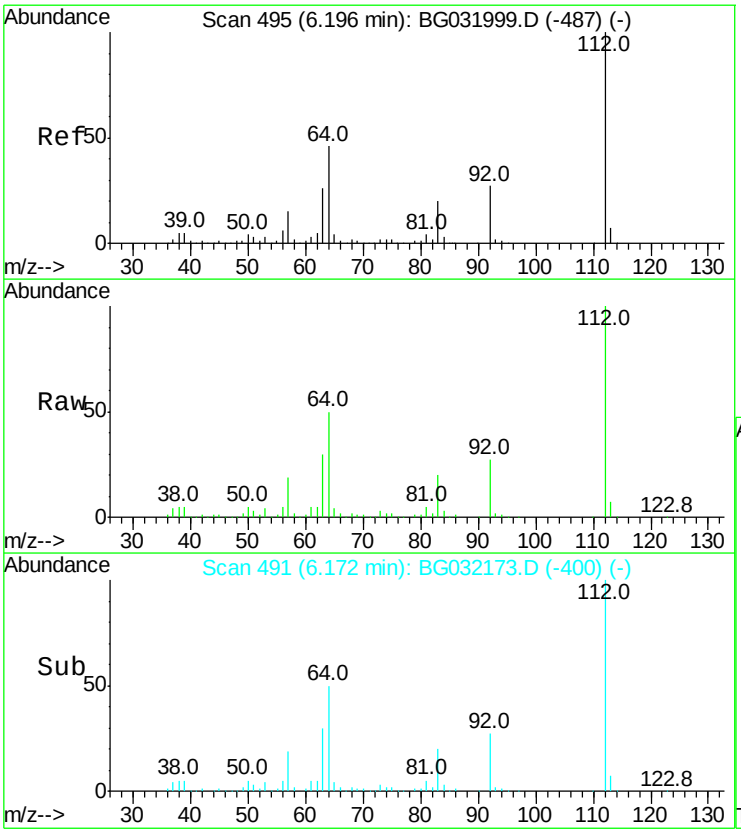
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43997

Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	52.3	53.0	79.4#

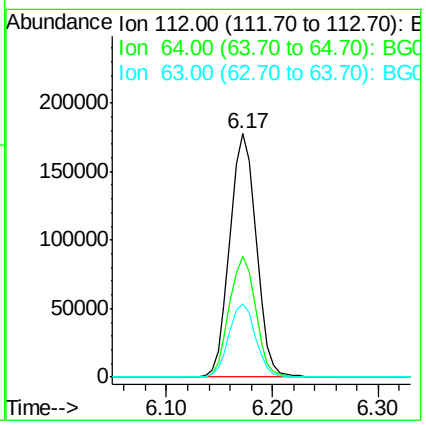


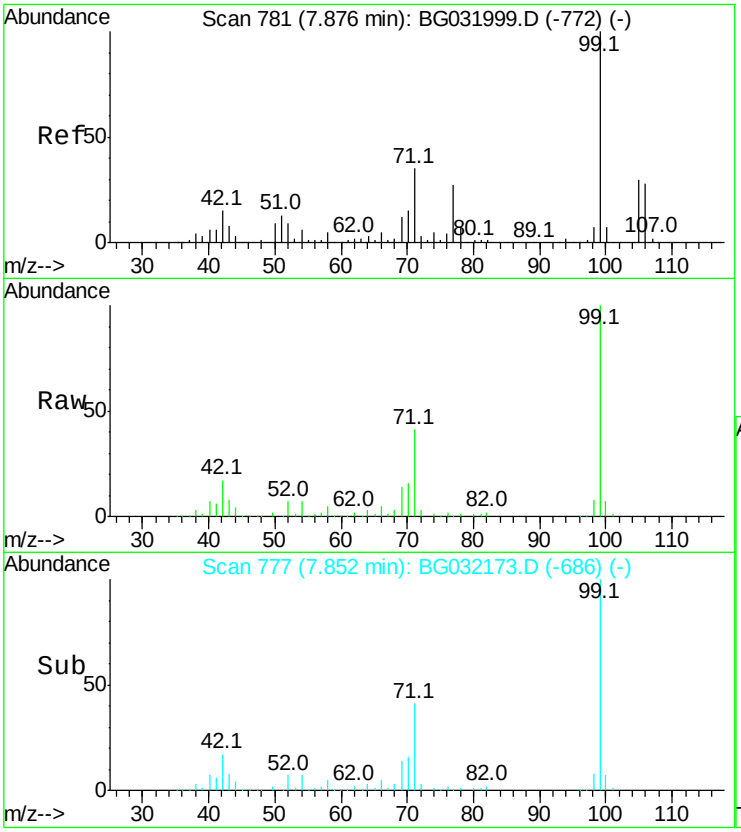


#5
2-Fluorophenol
Concen: 127.935 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:112 Resp: 307762

Ion	Ratio	Lower	Upper
112	100		
64	49.6	56.3	84.5#
63	30.2	30.1	45.1



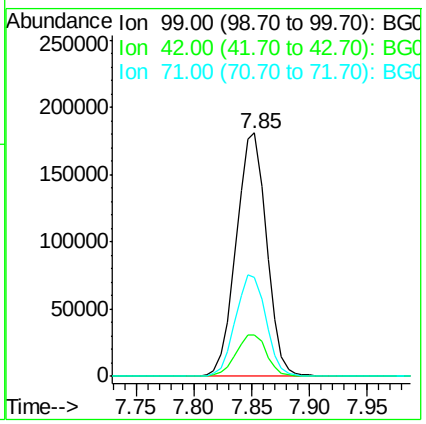


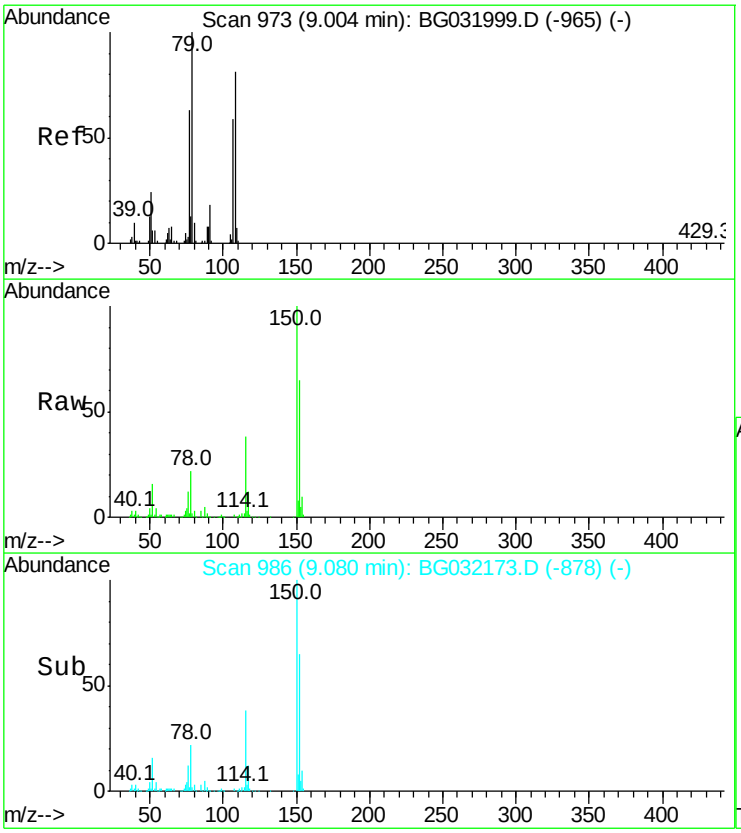
#7
Phenol-d6
Concen: 109.493 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 331734

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	40.8	26.1	39.1#

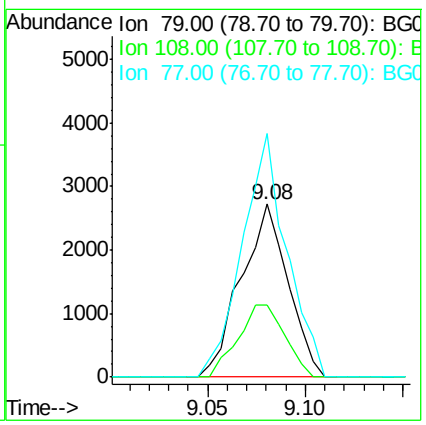


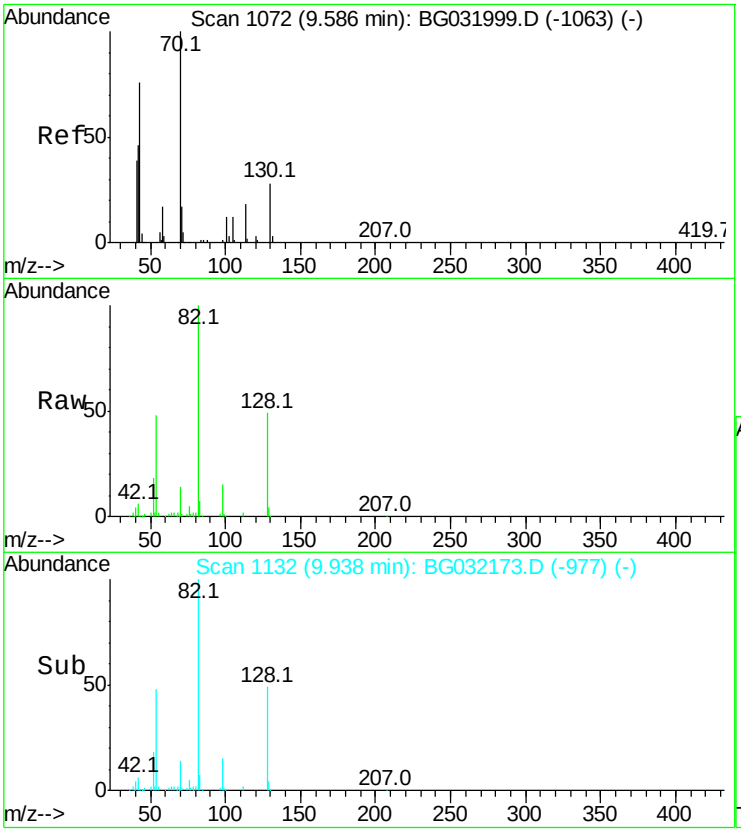


#15
Benzyl Alcohol
Concen: 2.066 ng
RT: 9.08 min Scan# 986
Delta R.T. 0.10 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion: 79 Resp: 4547

Ion	Ratio	Lower	Upper
79	100		
108	42.0	57.2	85.8#
77	140.7	46.1	69.1#



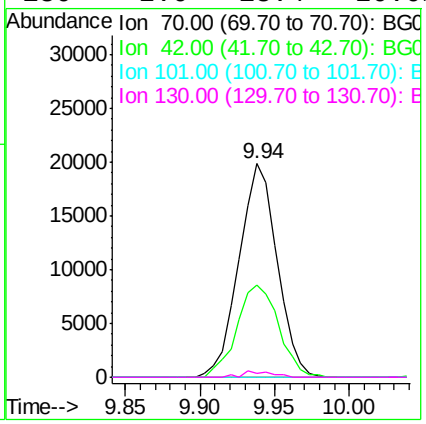


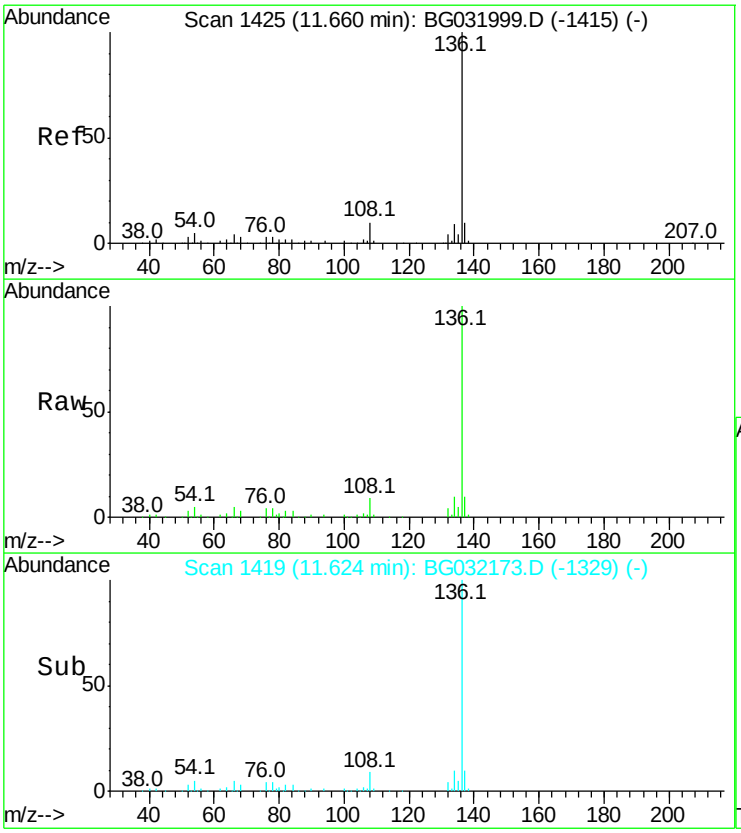
#19
n-Nitroso-di-n-propylamine
Concen: 18.680 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 35115

Ion	Ratio	Lower	Upper
70	100		
42	43.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

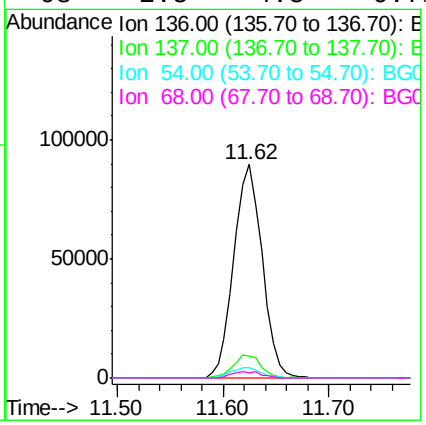


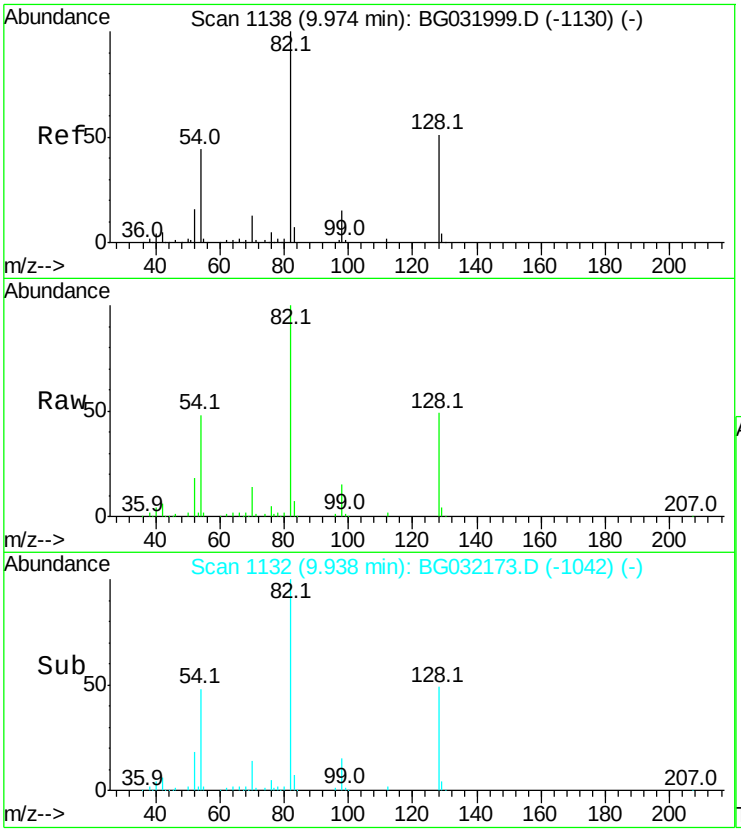


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:136 Resp: 166796

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	4.7	10.3	15.5#
68	2.5	4.5	6.7#



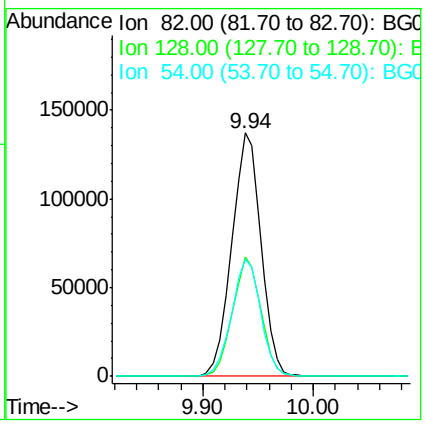


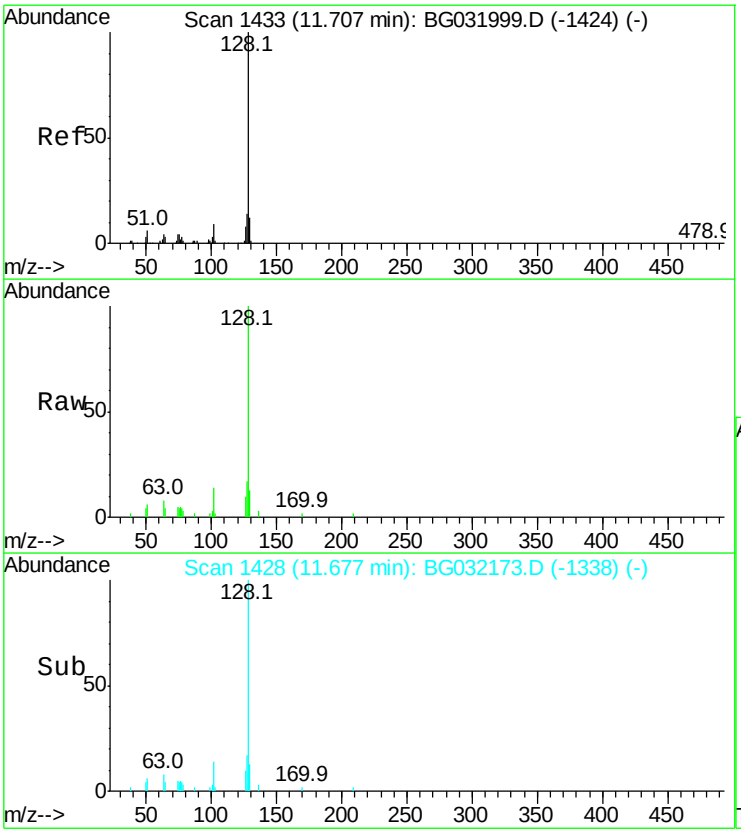
#23
Nitrobenzene-d5
Concen: 103.455 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 255060

Ion	Ratio	Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	48.0	43.1	64.7

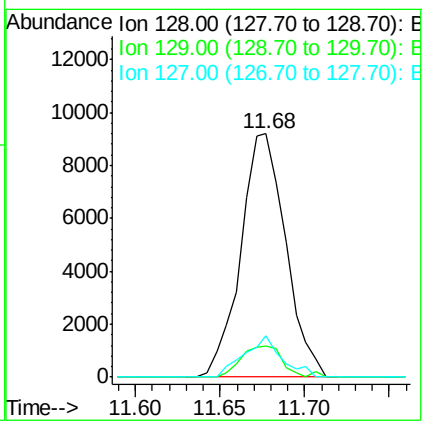


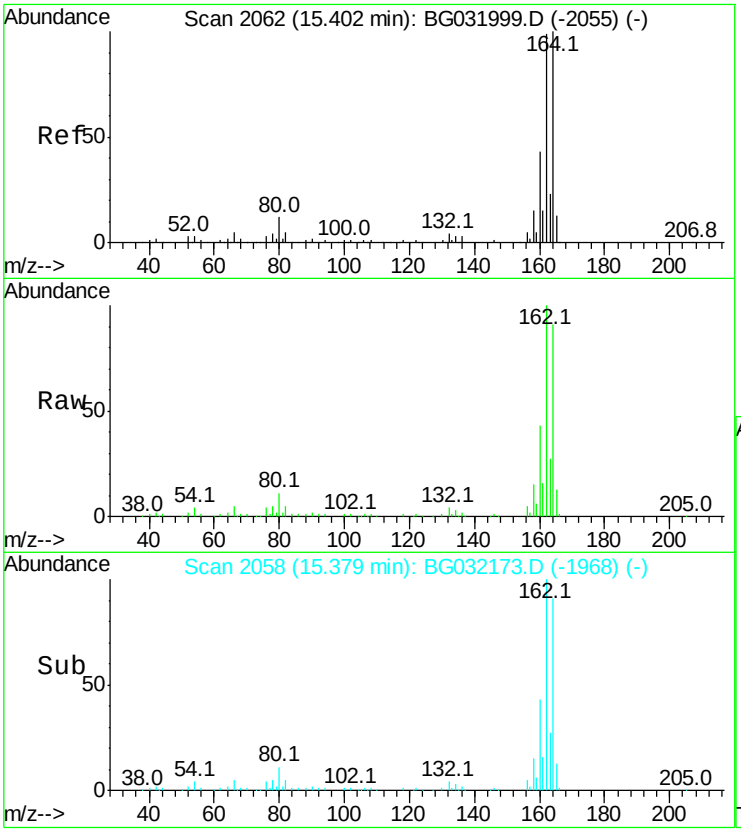


#31
Naphthalene
Concen: 2.054 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:128 Resp: 16971

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.6	12.8#
127	17.2	11.6	17.4



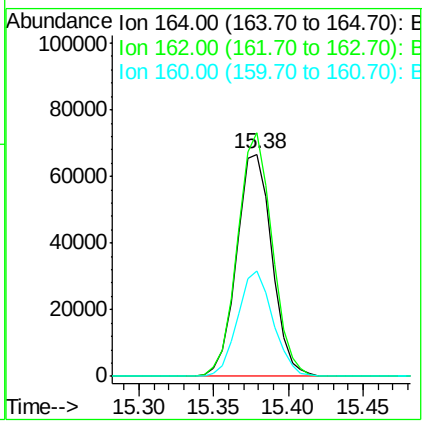


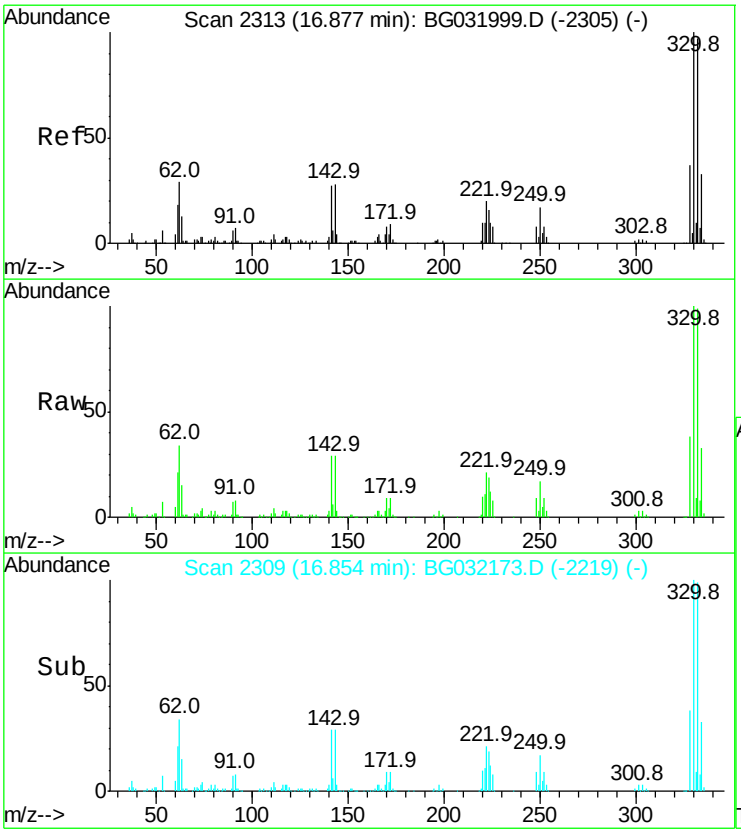
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 109184

Ion	Ratio	Lower	Upper
164	100		
162	109.6	78.8	118.2
160	47.4	35.4	53.0

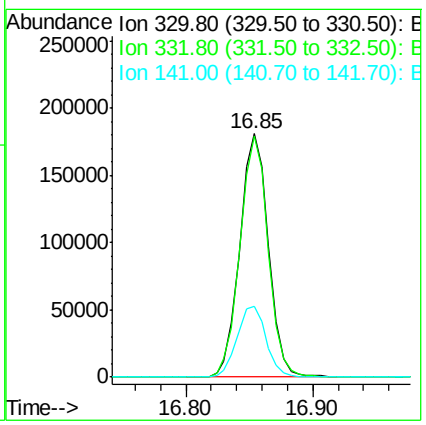


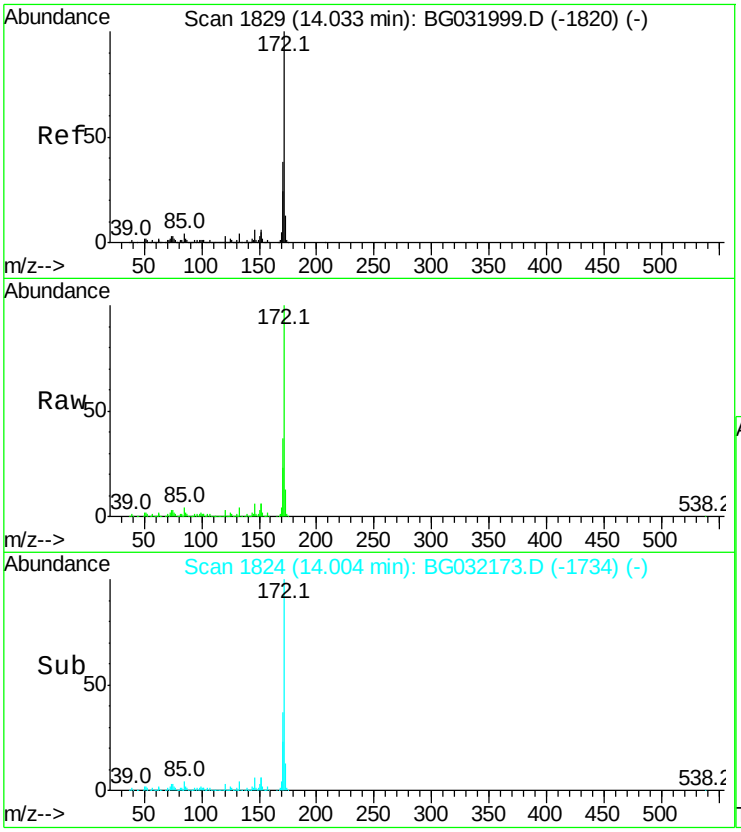


#41
2,4,6-Tribromophenol
Concen: 156.347 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:330 Resp: 282479

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	29.6	25.2	37.8



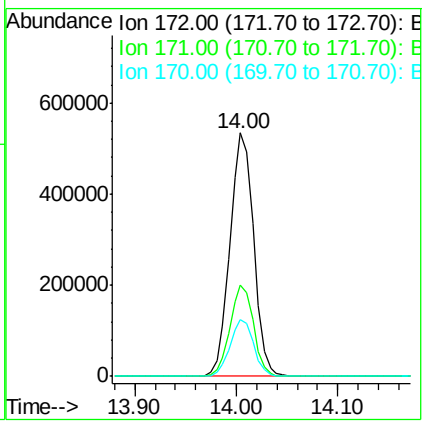


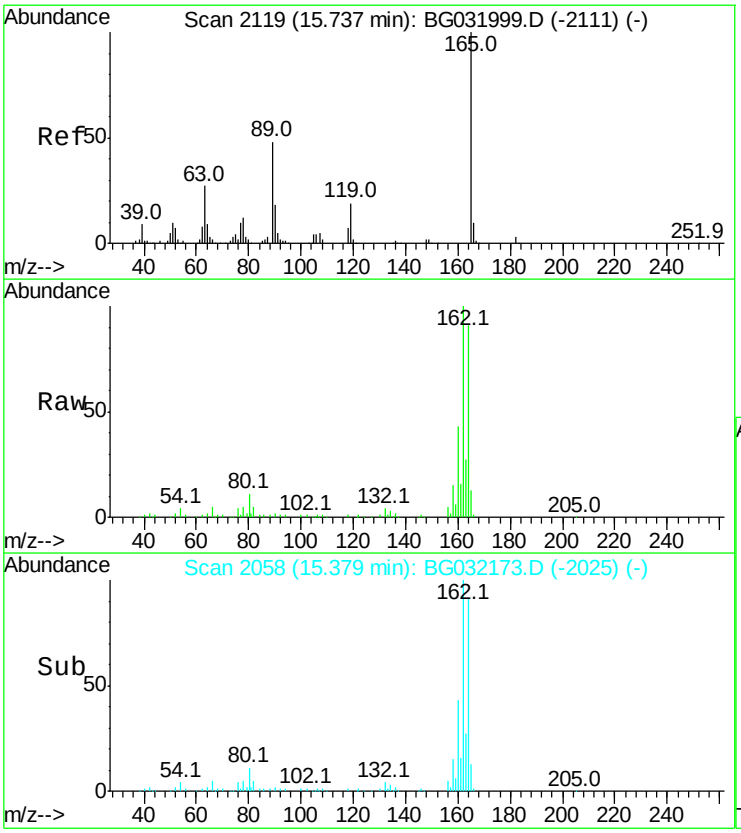
#44
2-Fluorobiphenyl
Concen: 98.059 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 863463

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3

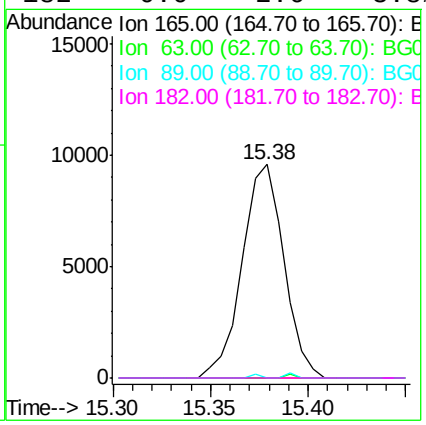


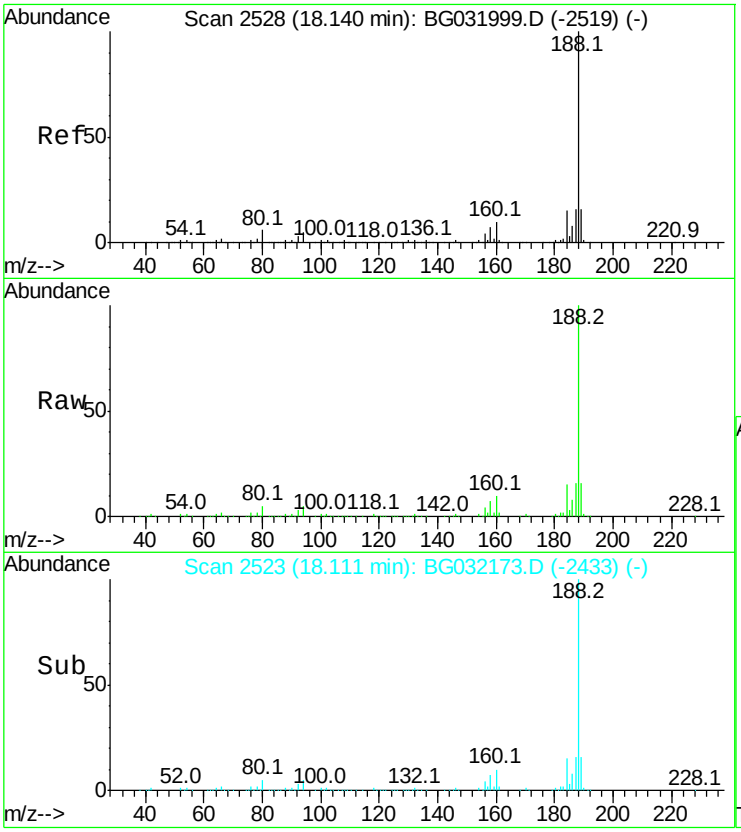


#56
2,4-Dinitrotoluene
Concen: 5.307 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.34 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:165 Resp: 14171

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



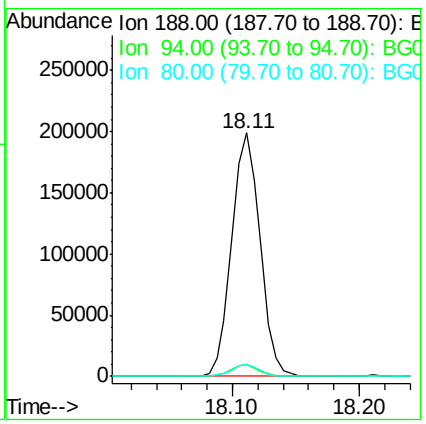


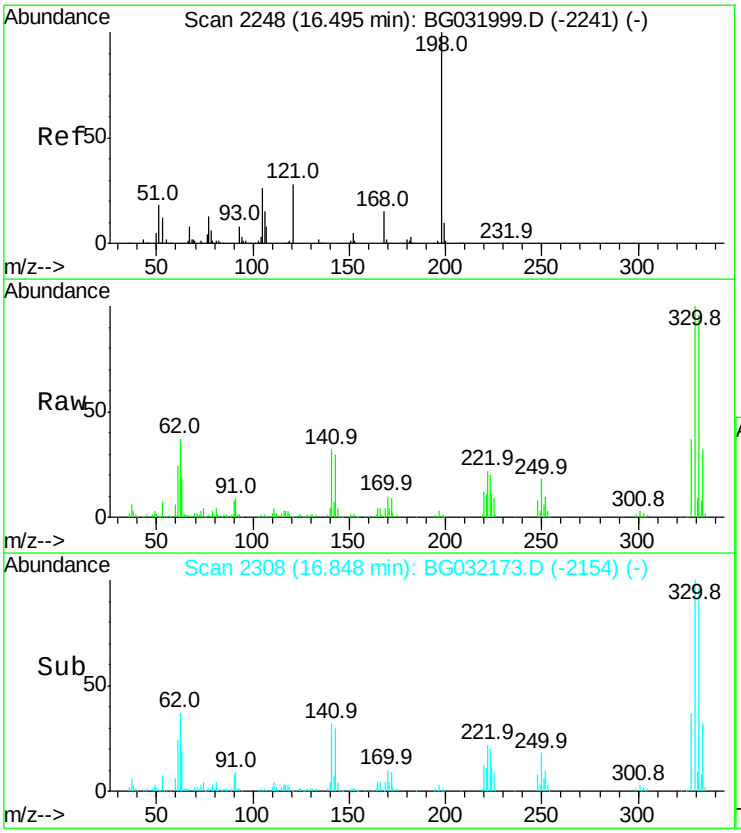
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 306153

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	4.7	7.7	11.5#

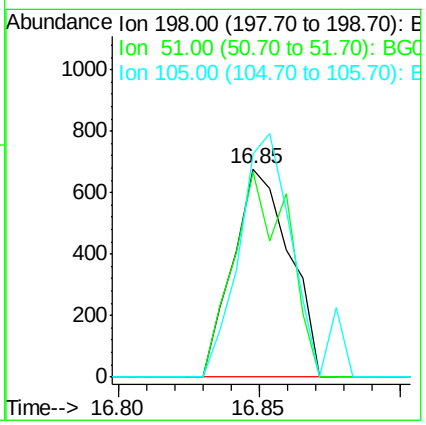


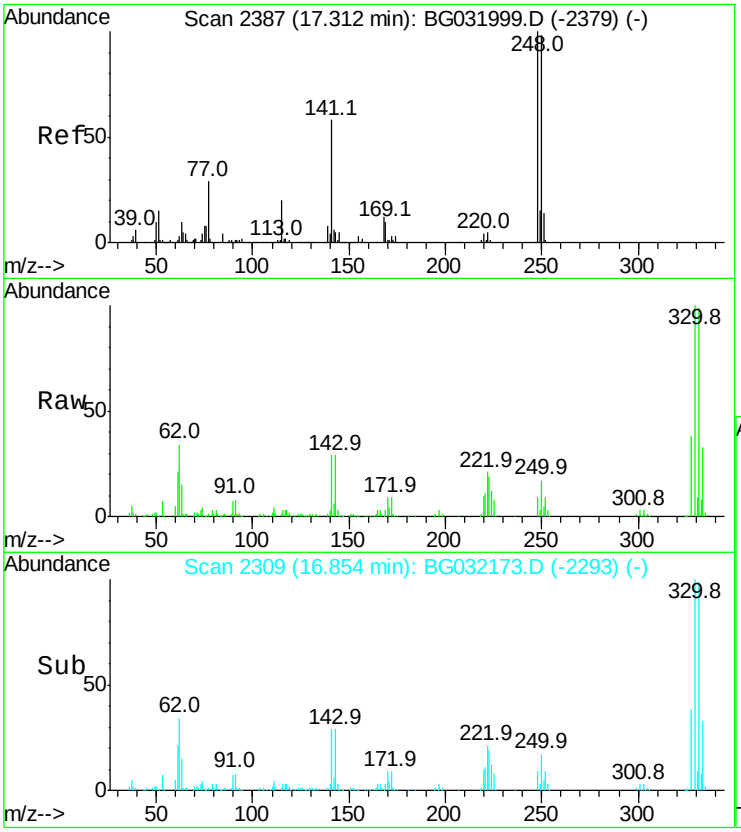


#64
4,6-Dinitro-2-methylphenol
Concen: 5.314 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.37 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:198 Resp: 937

Ion	Ratio	Lower	Upper
198	100		
51	98.5	30.6	70.6#
105	107.4	23.8	63.8#



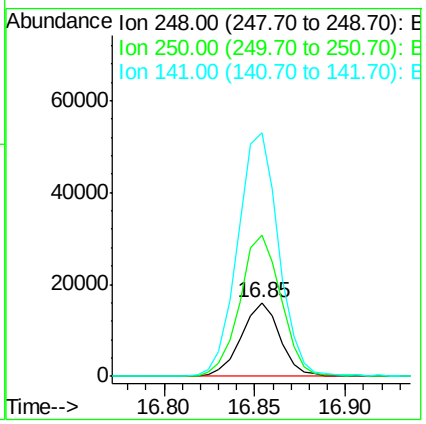


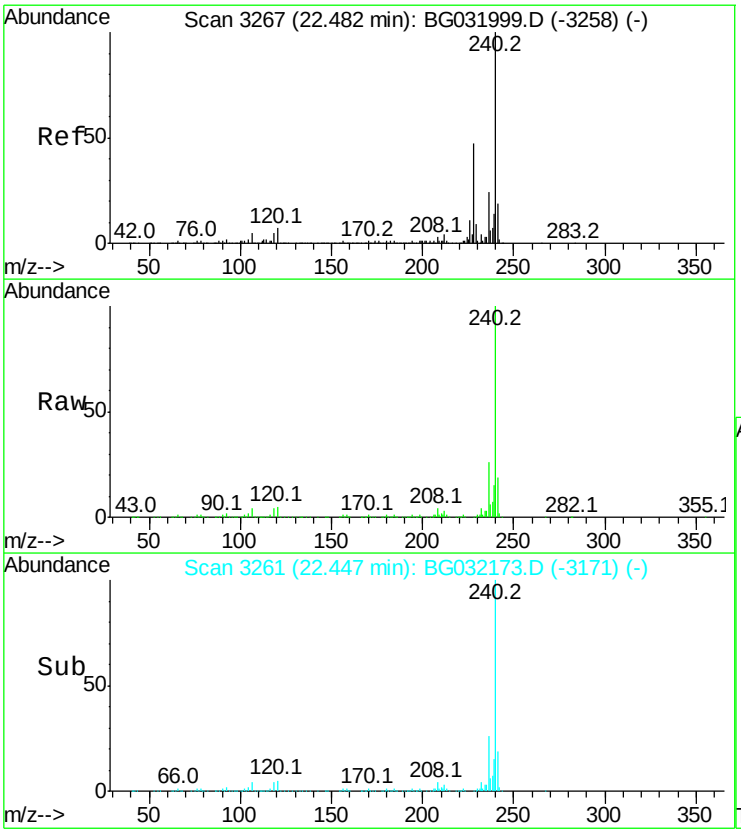
#66
4-Bromophenyl-phenylether
Concen: 5.443 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23708

Ion	Ratio	Lower	Upper
248	100		
250	192.9	77.1	115.7#
141	331.2	50.8	76.2#

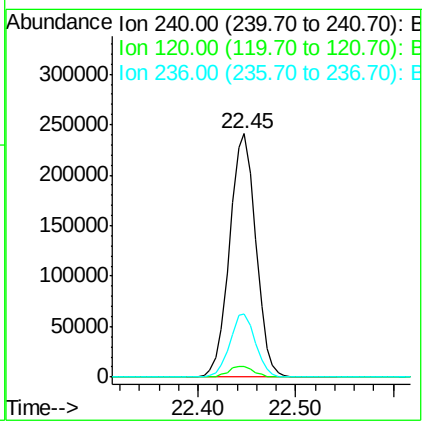


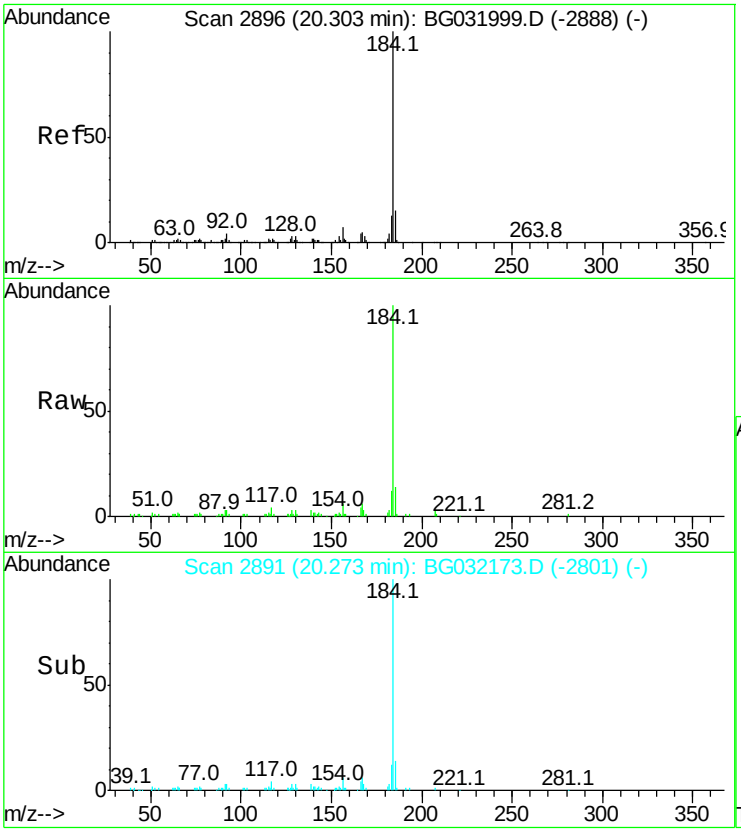


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:240 Resp: 450641

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.7	20.9	31.3



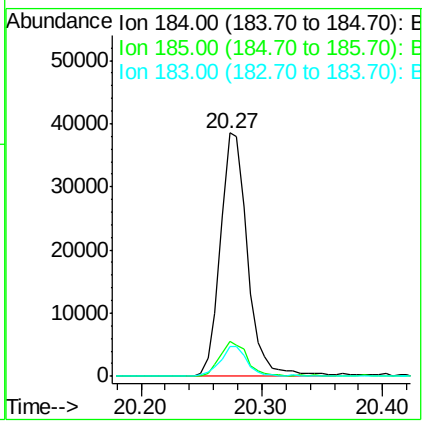


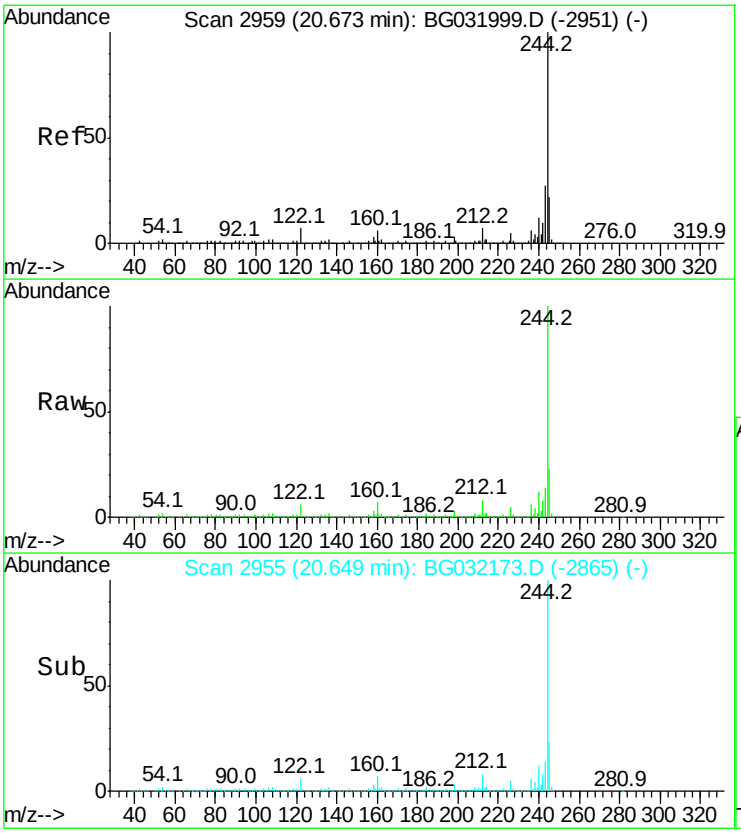
#76
Benzidine
Concen: 5.320 ng
RT: 20.27 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 59955

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.3	10.6	16.0

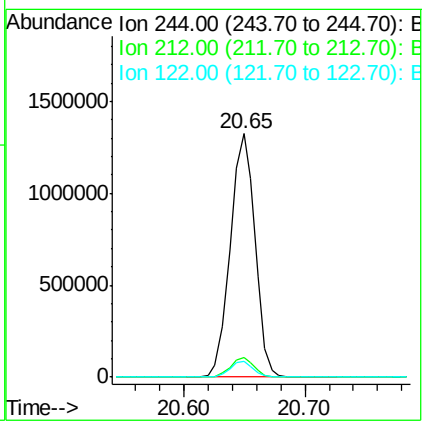


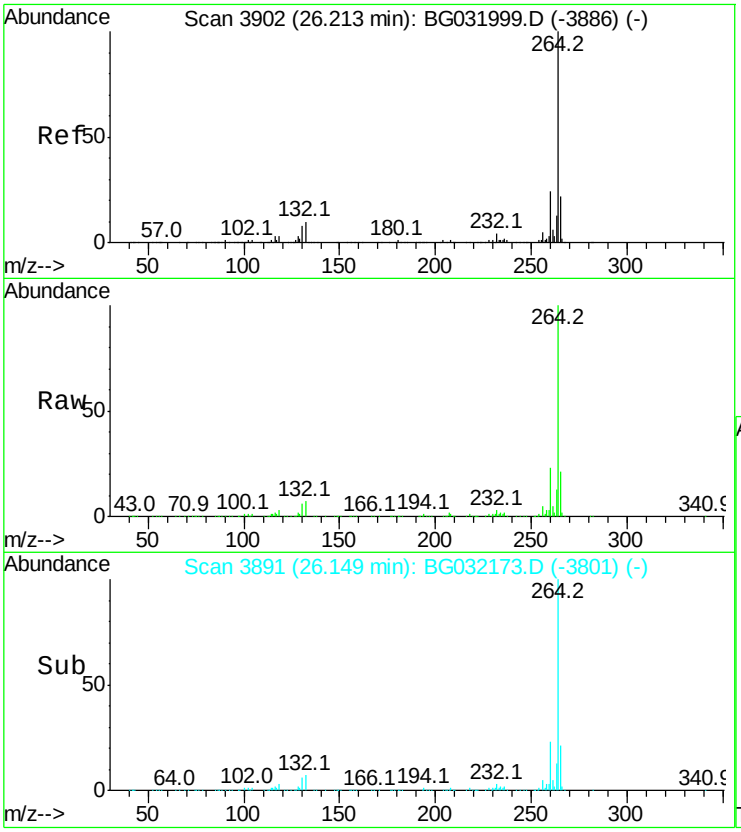


#78
Terphenyl-d14
Concen: 92.360 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Tgt Ion:244 Resp: 1884985

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BG032173.D
Acq: 20 Jan 2018 6:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 466248

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.0	17.7	26.5