Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032171.D
Acq On : 20 Jan 2018 5:07
Operator : SJ/JU
Sample : PB105755TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 20 05:49:11 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	41508	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	160350	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	104099	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	297759	20.00	ng	0.00
75) Chrysene-d12	22.45	240	432770	20.00	ng	0.00
86) Perylene-d12	26.15	264	446617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	286090	126.06	ng	0.00
7) Phenol-d6	7.85	99	341848	119.60	ng	0.00
23) Nitrobenzene-d5	9.94	82	205049	86.51	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	220812	128.19	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	697624	83.10	ng	0.00
78) Terphenyl-d14	20.65	244	1604058	81.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.93	70	28382	16.004	ng	# 67
50) 2,6-Dinitrotoluene	15.38	165	13197	6.980	ng	# 20
56) 2,4-Dinitrotoluene	15.38	165	13197	5.184	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	577	5.156	ng	# 53
66) 4-Bromophenyl-phenylether	16.85	248	18829	4.444	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032171.D
Acq On : 20 Jan 2018 5:07
Operator : SJ/JU
Sample : PB105755TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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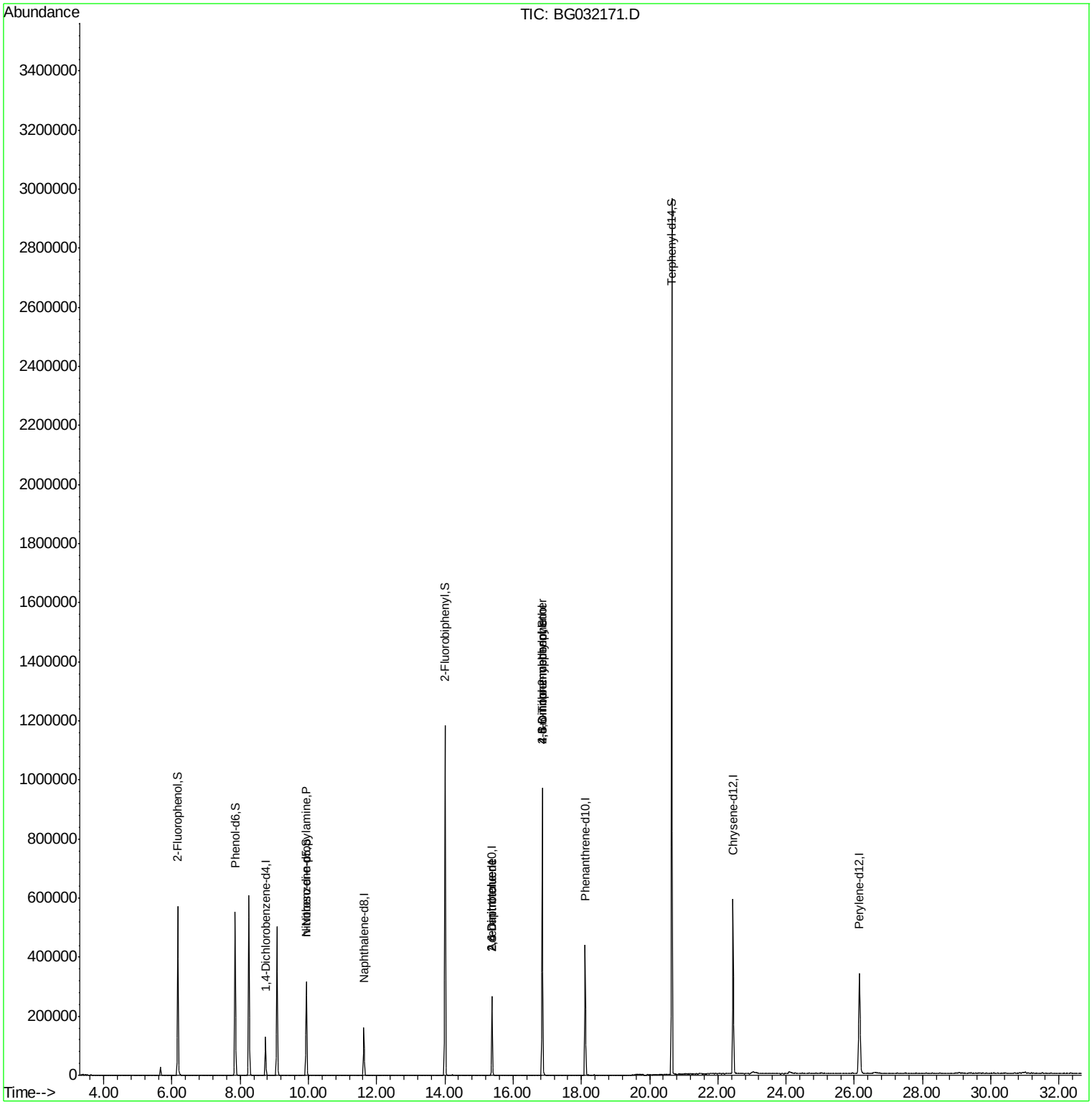
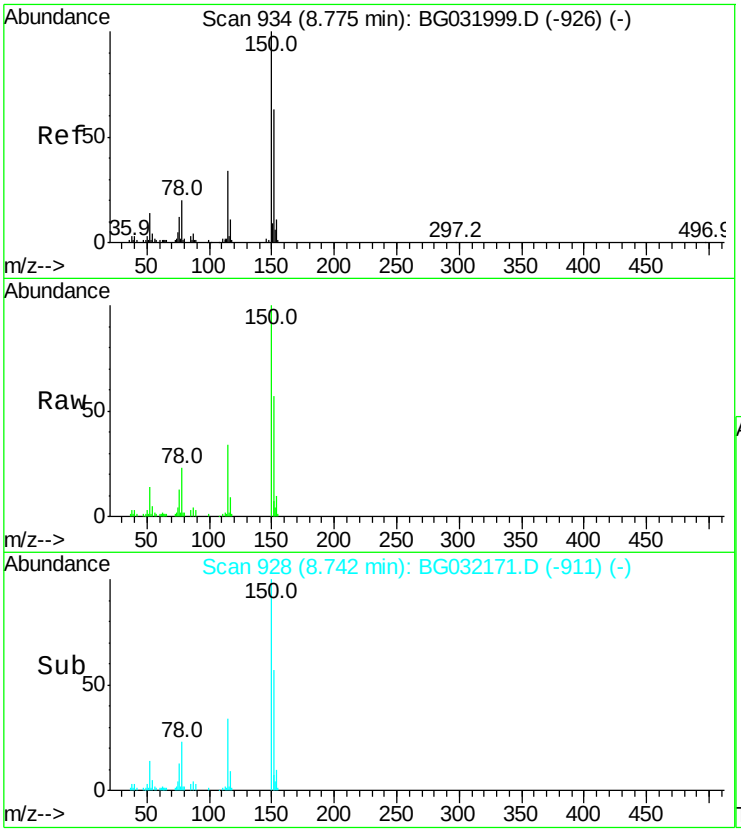


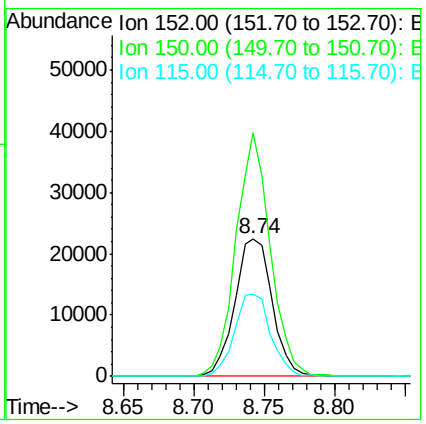


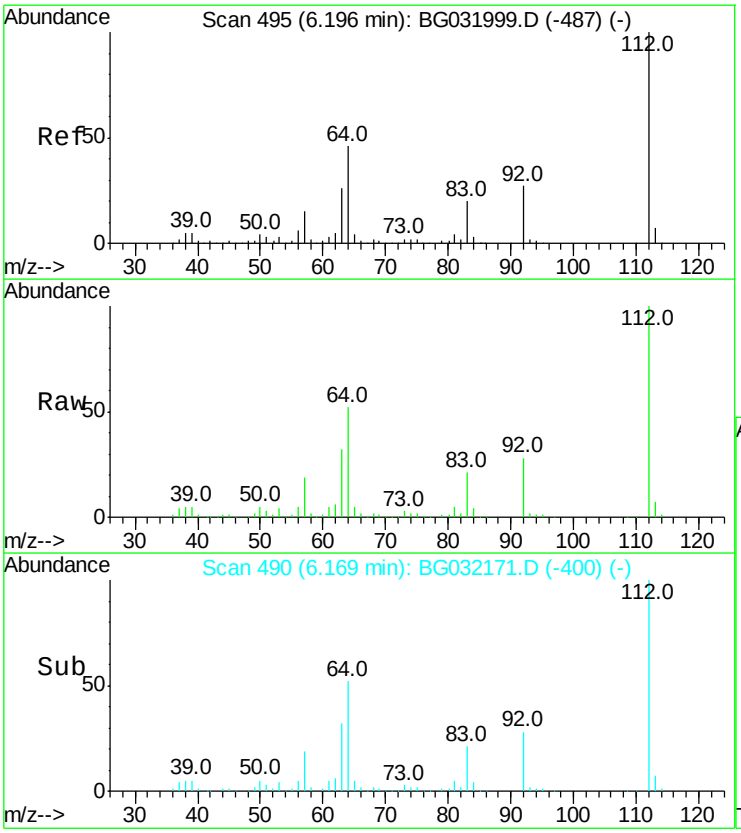
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41508

Ion	Ratio	Lower	Upper
152	100		
150	176.7	126.6	189.8
115	59.4	53.0	79.4

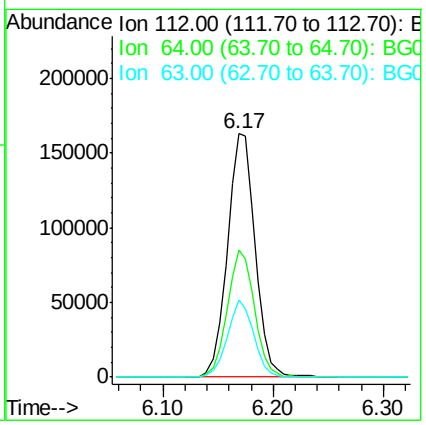


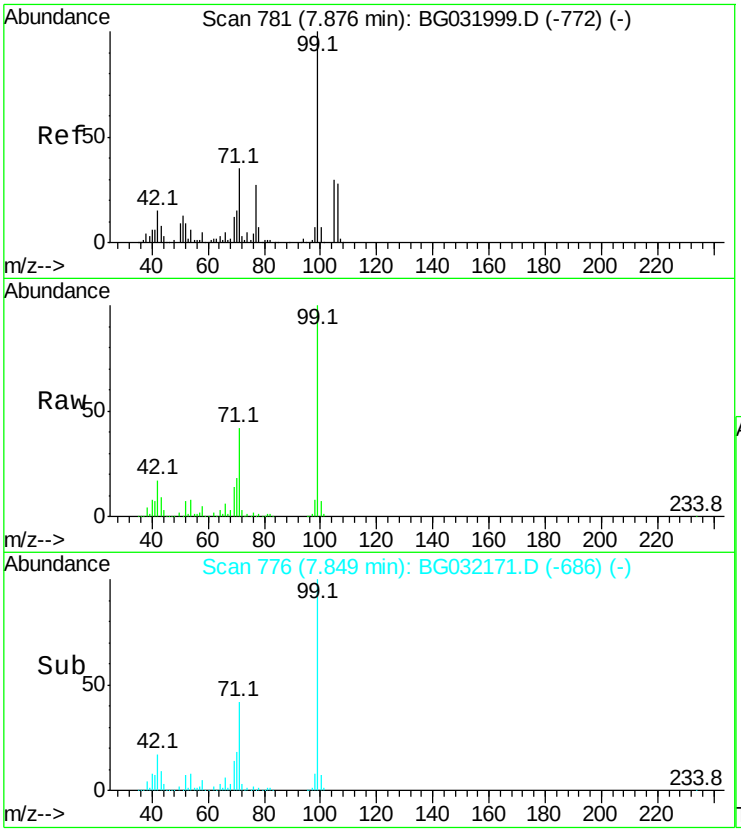


#5
2-Fluorophenol
Concen: 126.057 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:112 Resp: 286090

Ion	Ratio	Lower	Upper
112	100		
64	52.0	56.3	84.5#
63	31.9	30.1	45.1



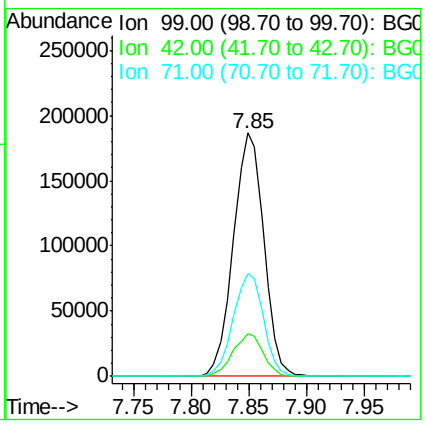


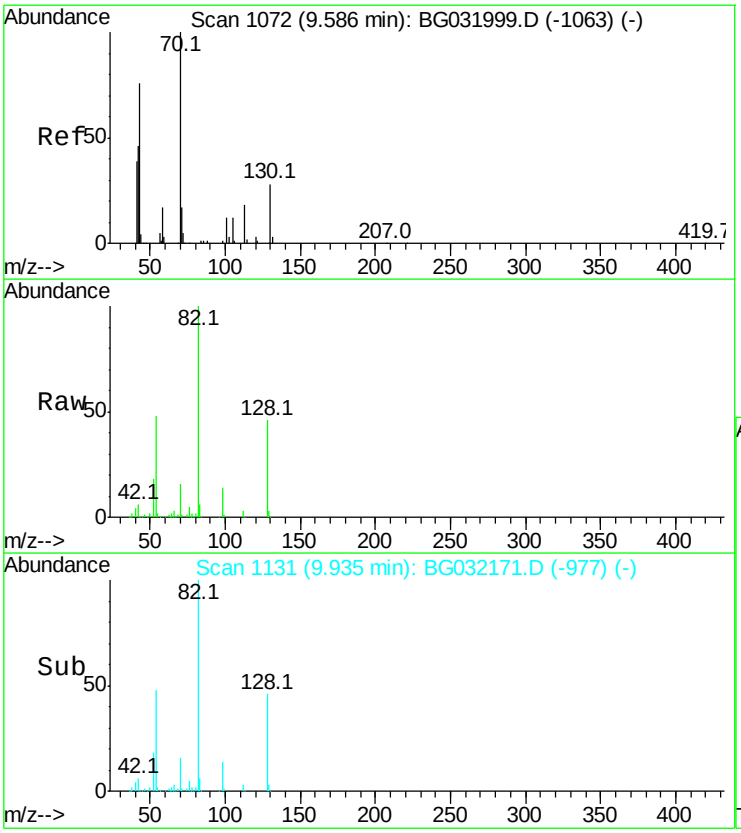
#7
Phenol-d6
Concen: 119.598 ng
RT: 7.85 min Scan# 776
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 341848

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	42.4	26.1	39.1#

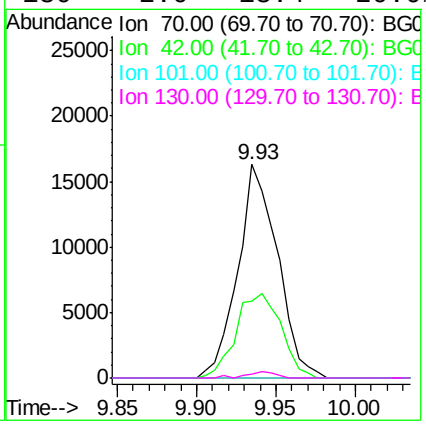


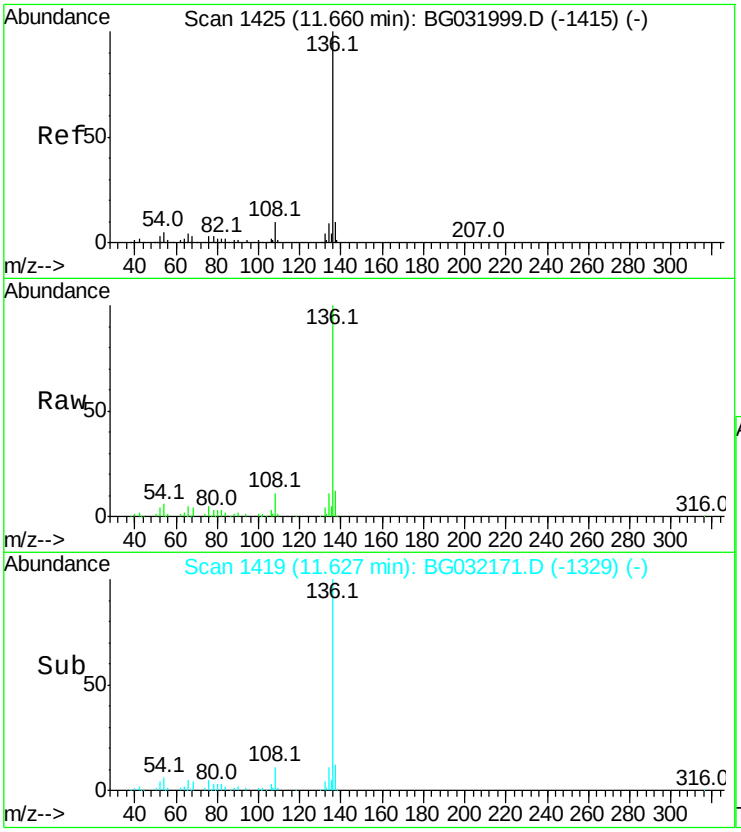


#19
n-Nitroso-di-n-propylamine
Concen: 16.004 ng
RT: 9.93 min Scan# 1131
Delta R.T. 0.38 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion: 70 Resp: 28382

Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



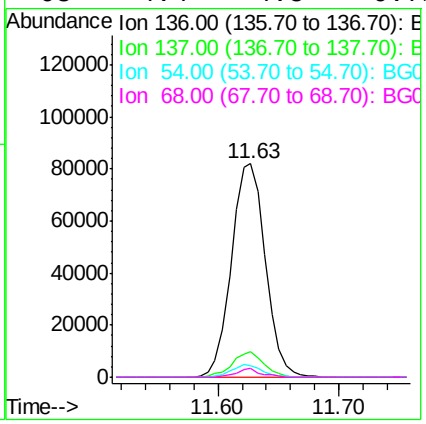


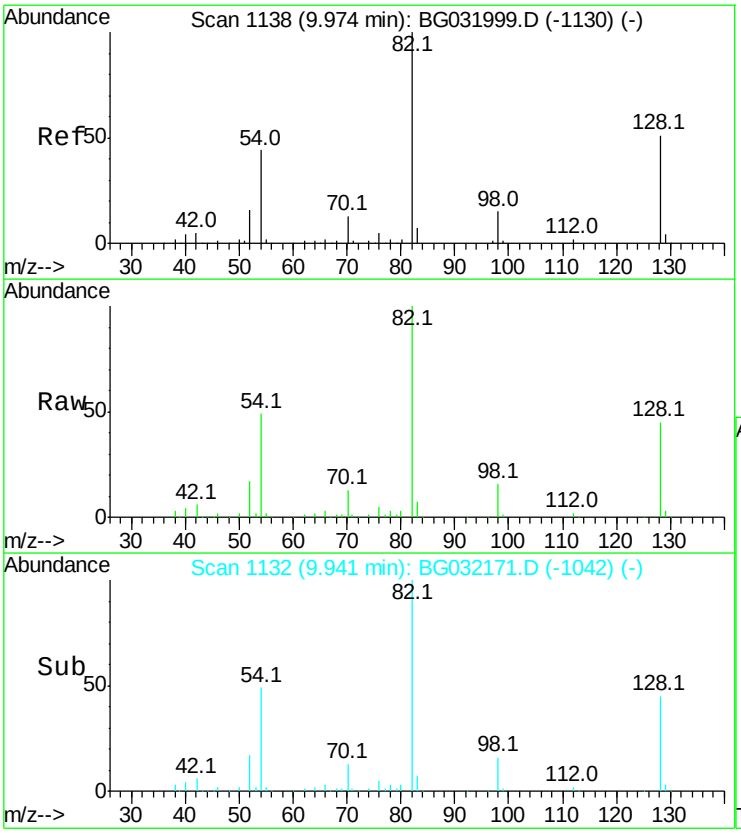
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 160350

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	5.6	10.3	15.5#
68	4.4	4.5	6.7#

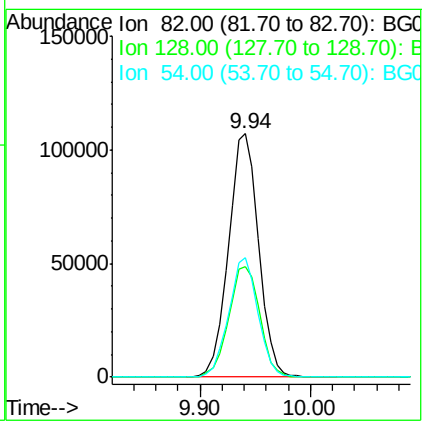


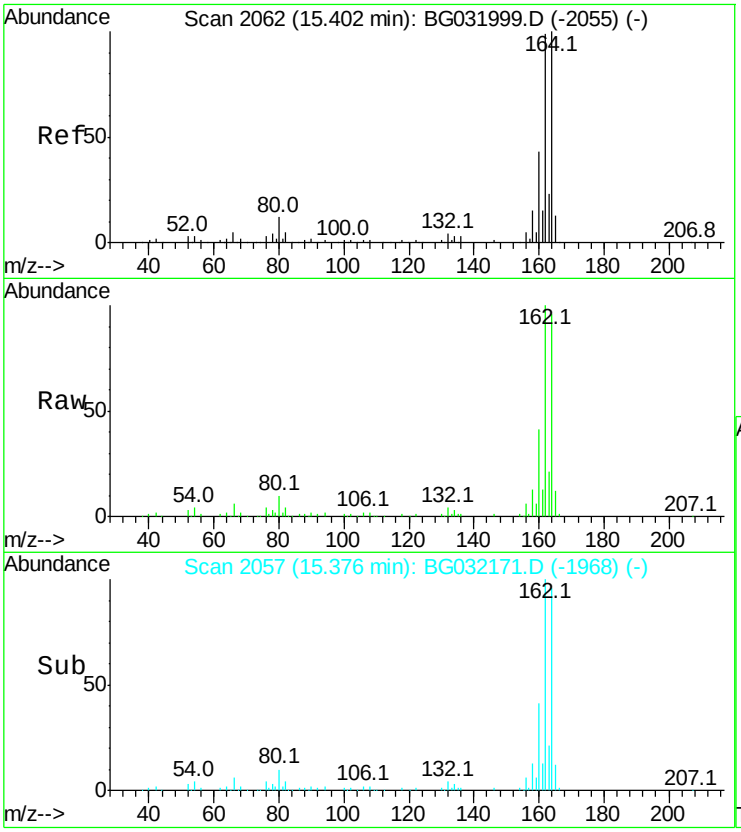


#23
Nitrobenzene-d5
Concen: 86.514 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion: 82 Resp: 205049

Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	48.8	43.1	64.7



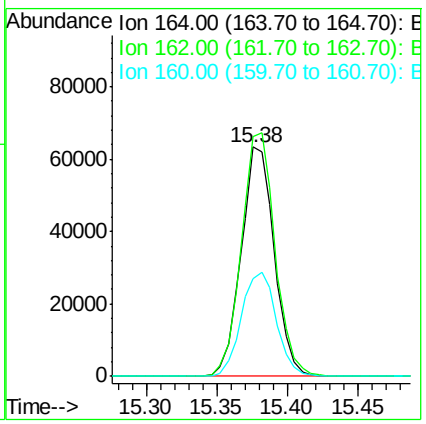


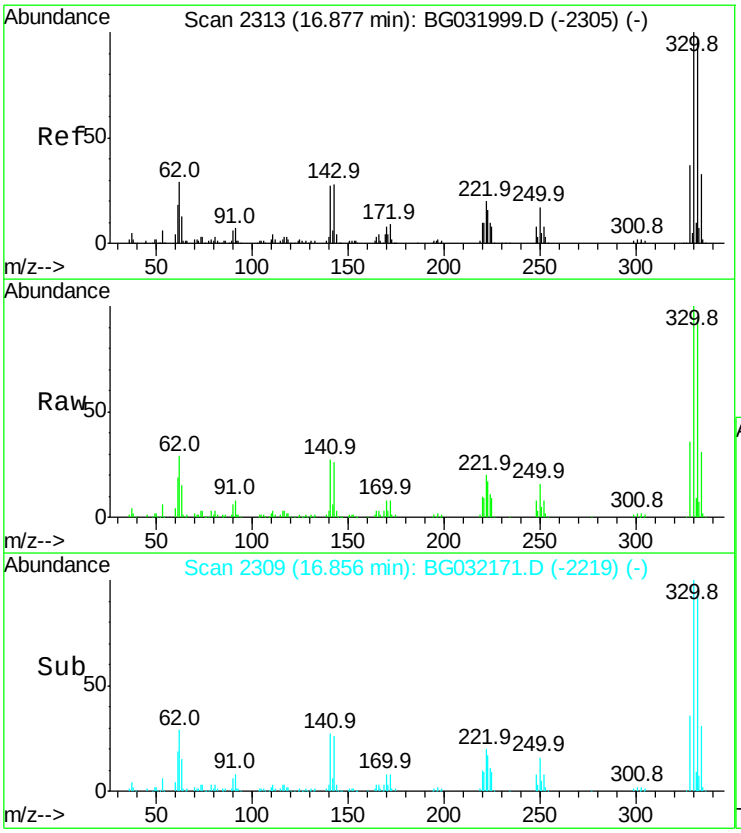
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 104099

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	42.8	35.4	53.0

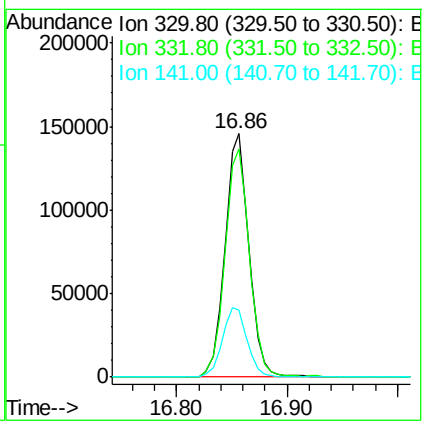


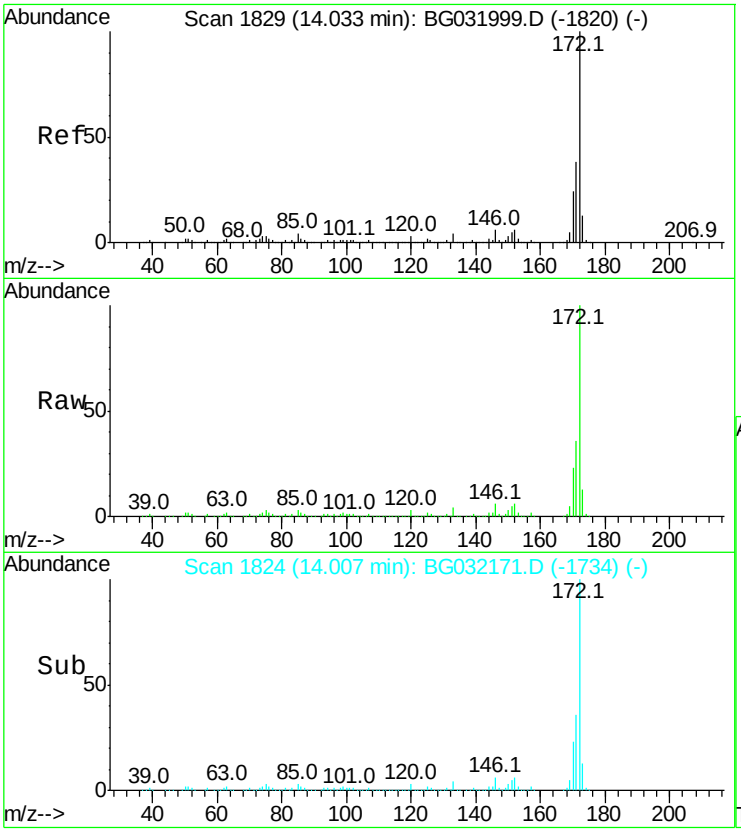


#41
2,4,6-Tribromophenol
Concen: 128.186 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:330 Resp: 220812

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.5	25.2	37.8



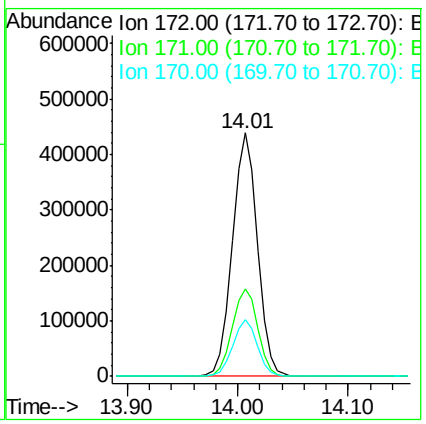


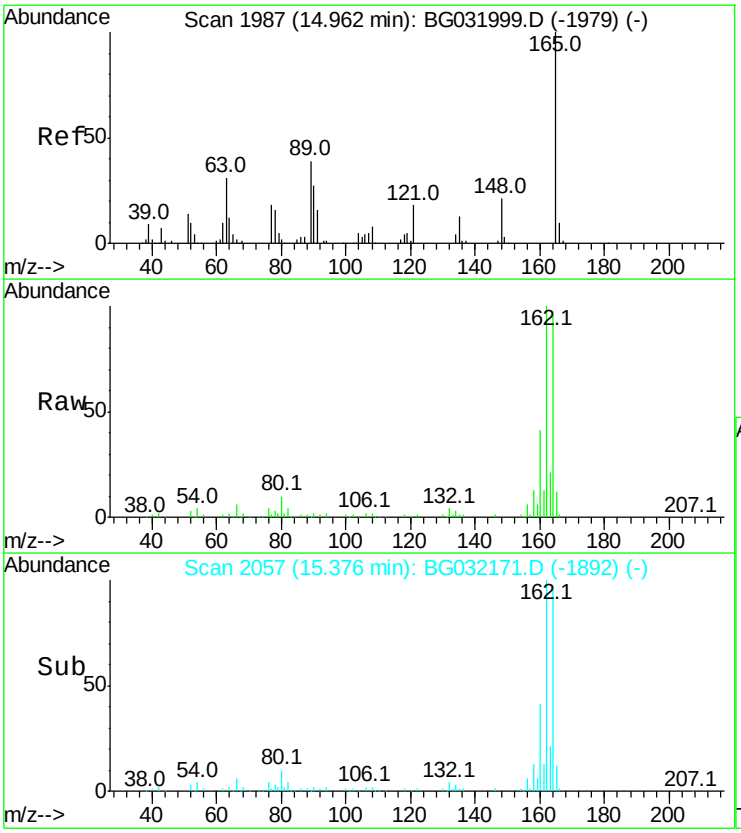
#44
2-Fluorobiphenyl
Concen: 83.096 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 697624

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.1	19.5	29.3

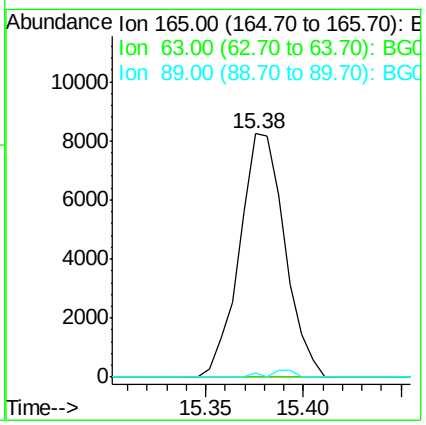


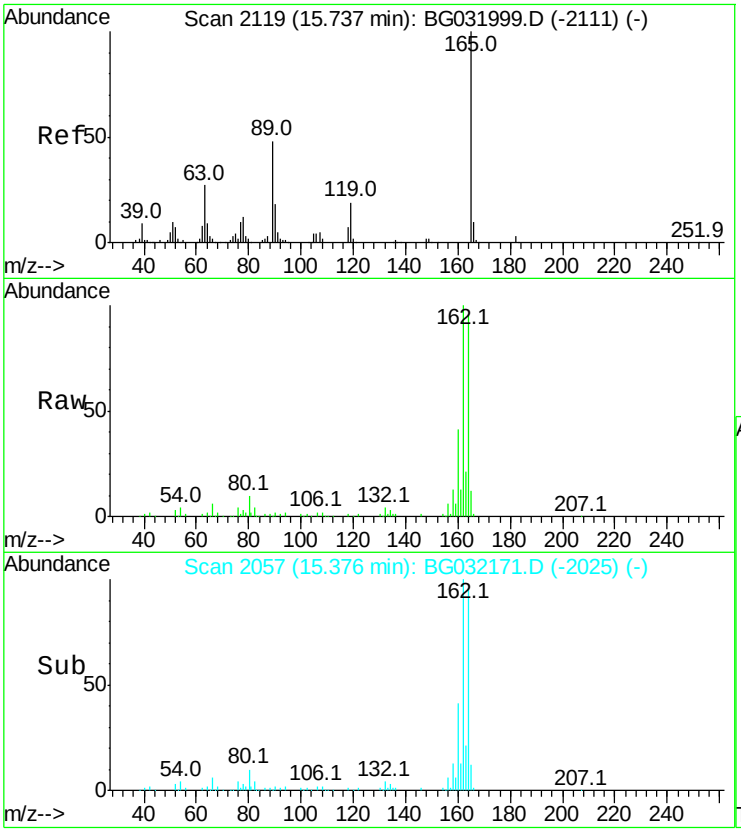


#50
2,6-Dinitrotoluene
Concen: 6.980 ng
RT: 15.38 min Scan# 2057
Delta R.T. 0.44 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:165 Resp: 13197

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



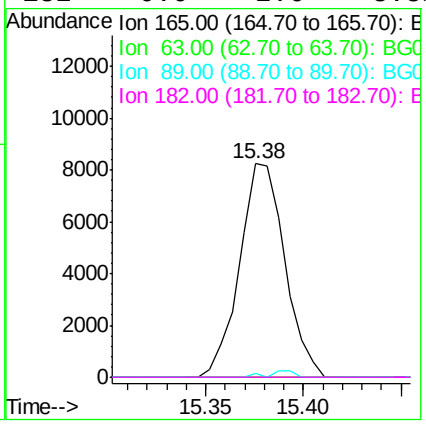


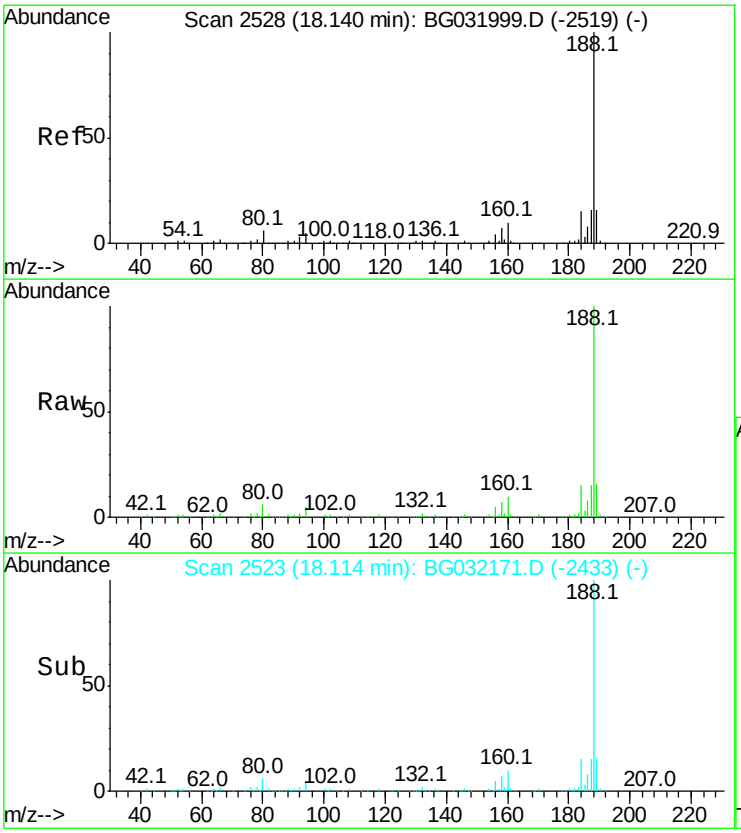
#56
2,4-Dinitrotoluene
Concen: 5.184 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13197

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

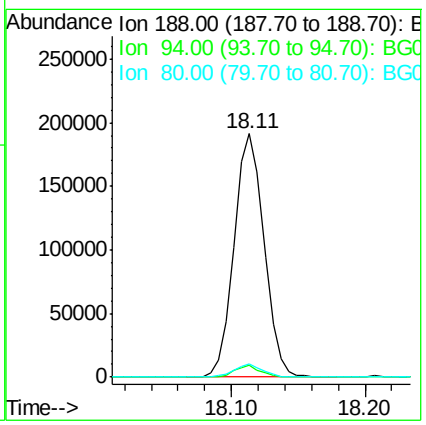


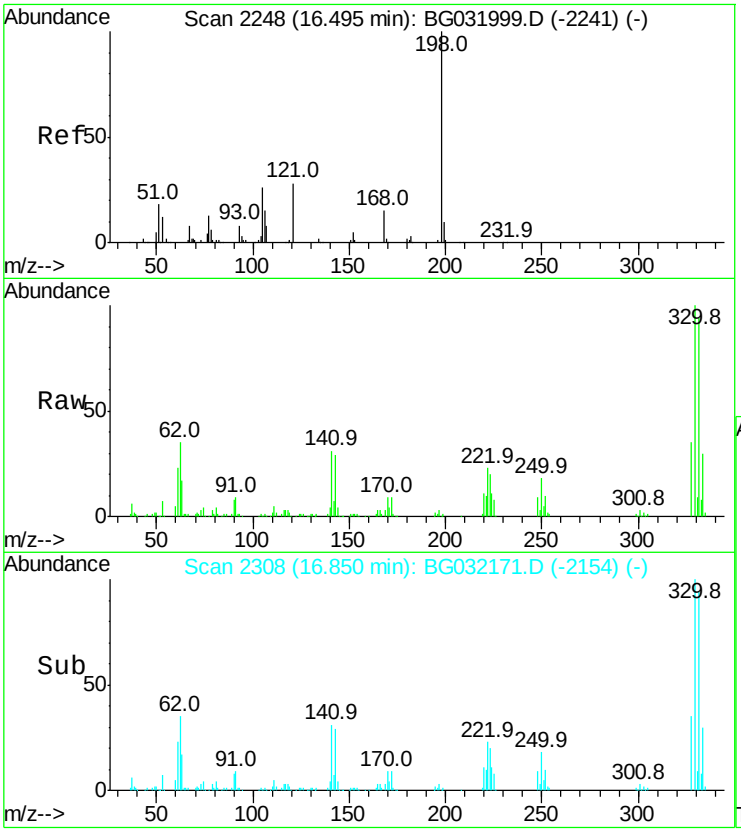


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:188 Resp: 297759

Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.5	7.7	11.5#



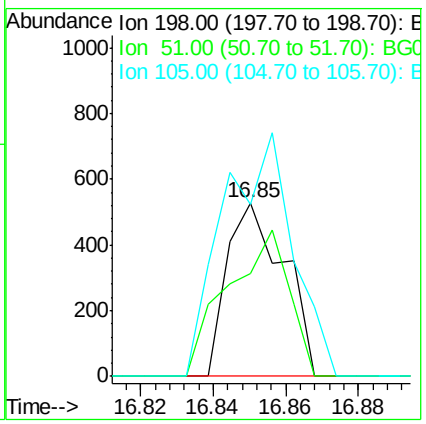


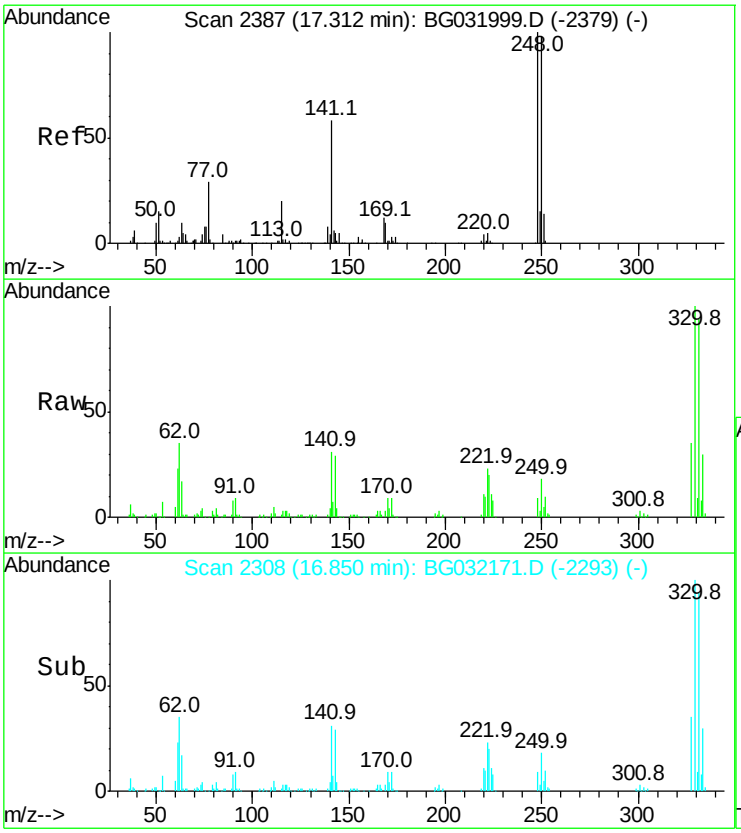
#64
4,6-Dinitro-2-methylphenol
Concen: 5.156 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.38 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 577

Ion	Ratio	Lower	Upper
198	100		
51	59.4	30.6	70.6
105	99.2	23.8	63.8#

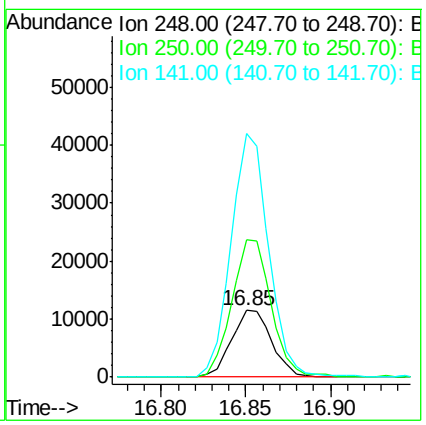


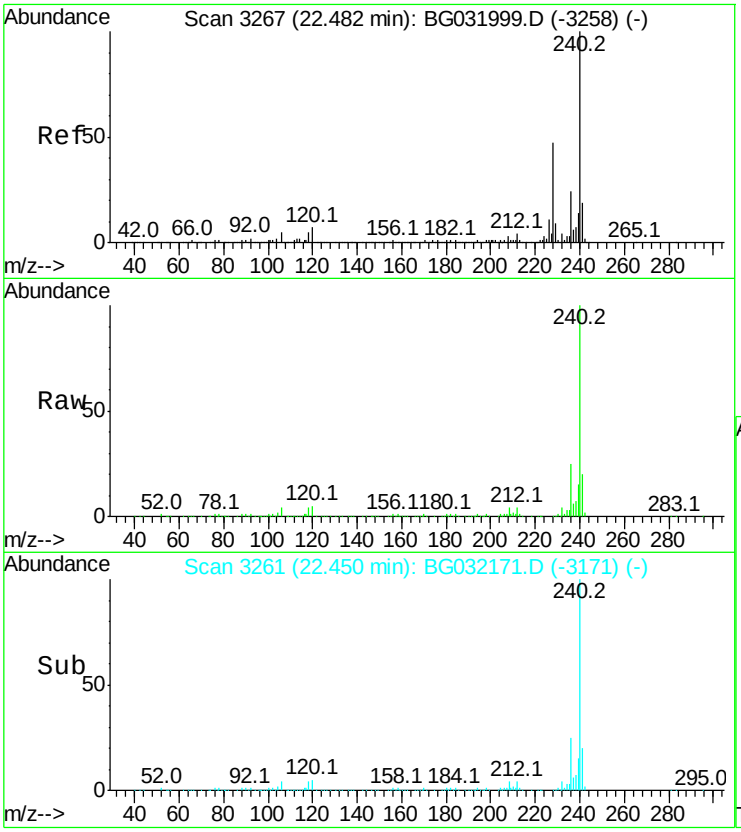


#66
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:248 Resp: 18829

Ion	Ratio	Lower	Upper
248	100		
250	205.5	77.1	115.7#
141	364.0	50.8	76.2#



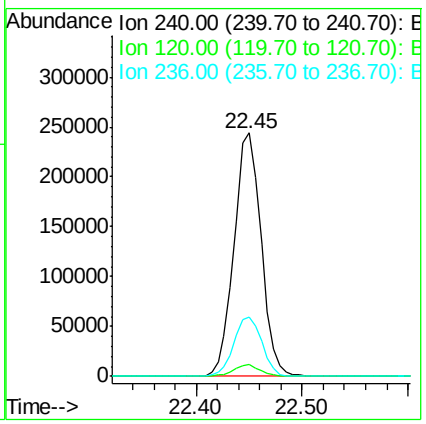


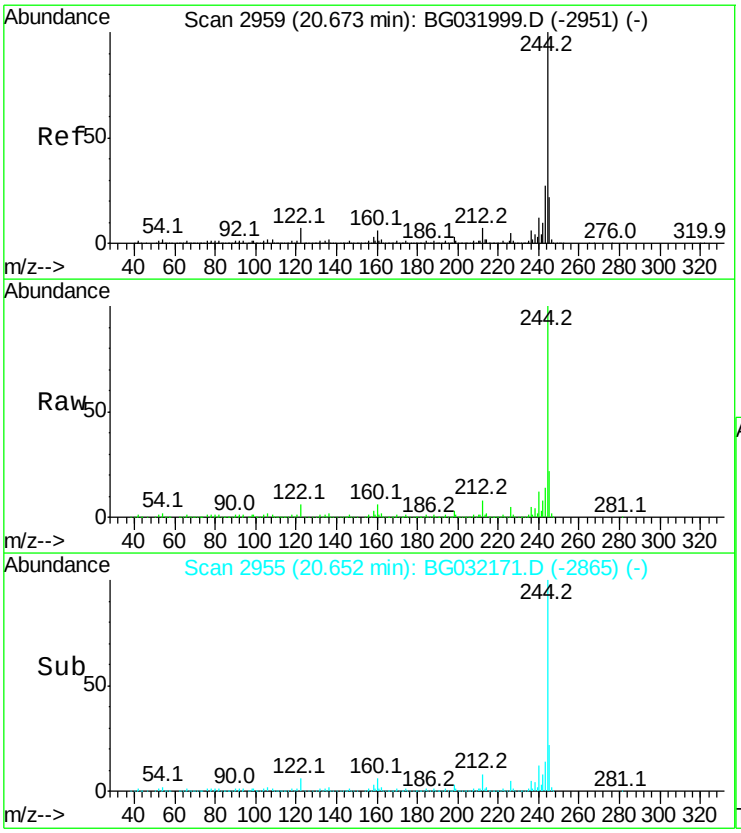
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 432770

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	24.6	20.9	31.3

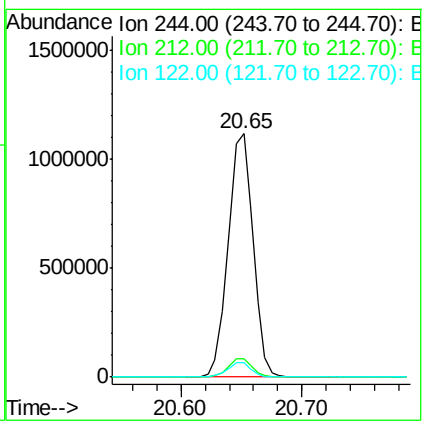


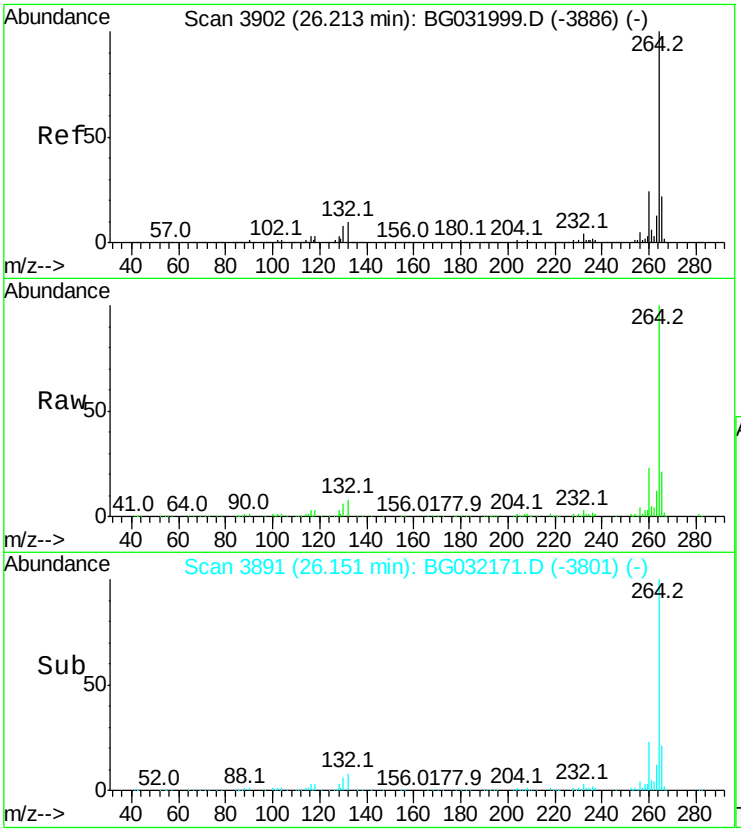


#78
Terphenyl-d14
Concen: 81.841 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BG032171.D
Acq: 20 Jan 2018 5:07

Tgt Ion:244 Resp: 1604058

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.8	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: BG032171.D
Acq: 20 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 446617

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.8	17.7	26.5