Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032187.D
Acq On : 20 Jan 2018 19:57
Operator : SJ/JU
Sample : J1186-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 22 02:04:28 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	46646	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	173934	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	113950	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	303164	20.00	ng	0.00
75) Chrysene-d12	22.44	240	412588	20.00	ng	0.00
86) Perylene-d12	26.14	264	428991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	300550	117.84	ng	0.00
7) Phenol-d6	7.85	99	323198	100.62	ng	0.00
23) Nitrobenzene-d5	9.94	82	252132	98.07	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	282086	149.60	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	869241	94.59	ng	0.00
78) Terphenyl-d14	20.65	244	1780839	95.31	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.08	79	5011	2.147	ng	# 56
19) n-Nitroso-di-n-propylamine	9.94	70	35904	18.015	ng	# 75
50) 2,6-Dinitrotoluene	15.38	165	14686	7.096	ng	# 23
56) 2,4-Dinitrotoluene	15.38	165	14686	5.270	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.80	198	64	4.914	ng	# 29
66) 4-Bromophenyl-phenylether	16.86	248	22220	5.151	ng	# 1
76) Benzidine	20.28	184	39395	3.818	ng	# 94

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

Quantitation Report (Not Reviewed)

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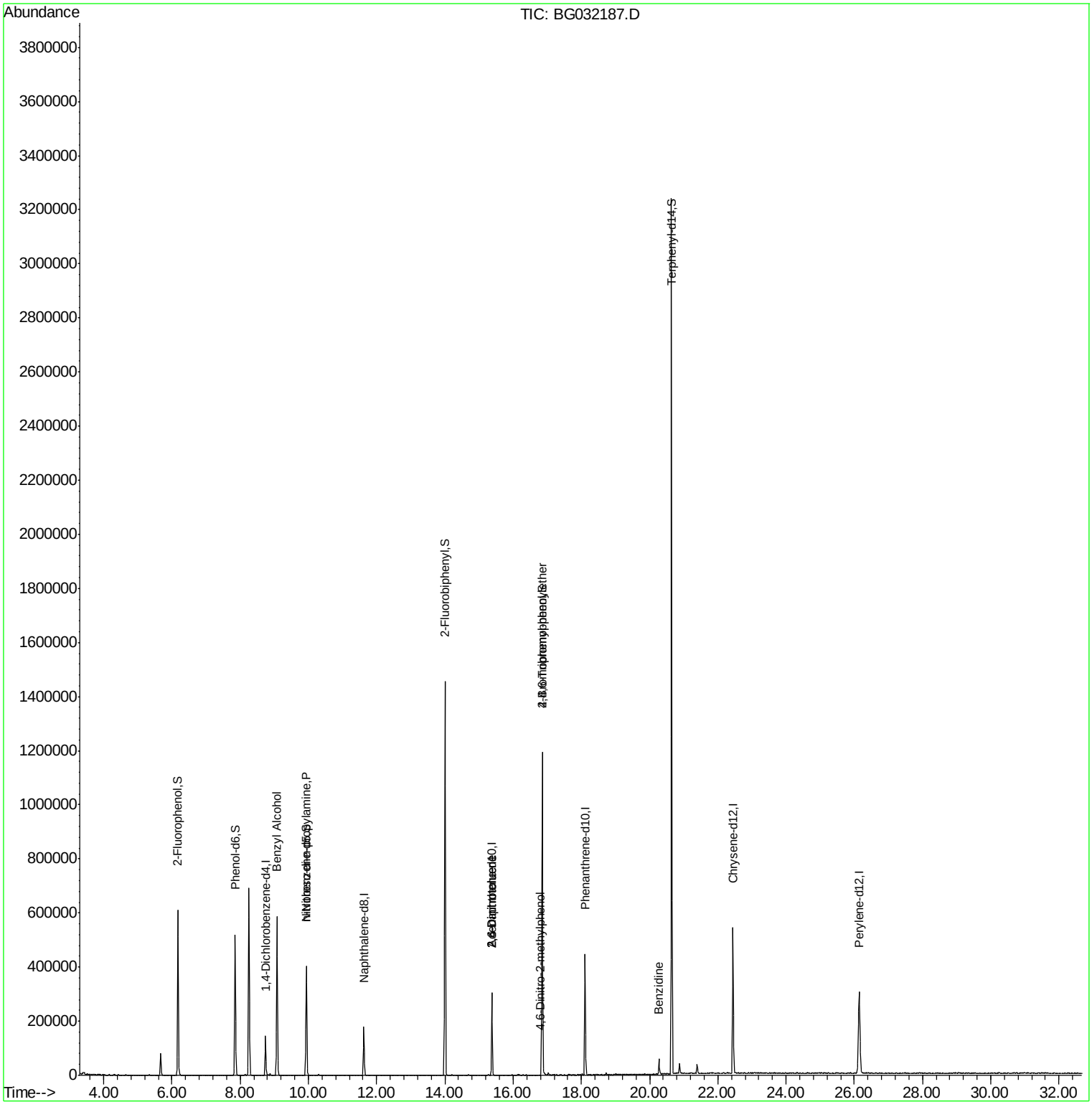
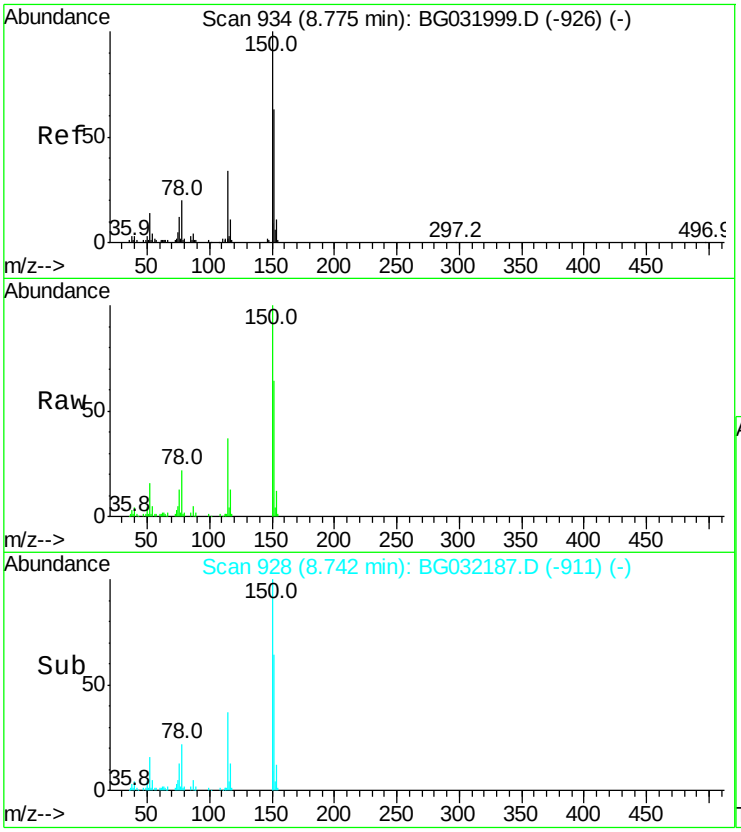


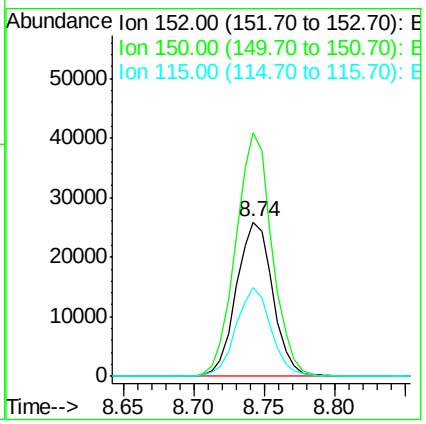


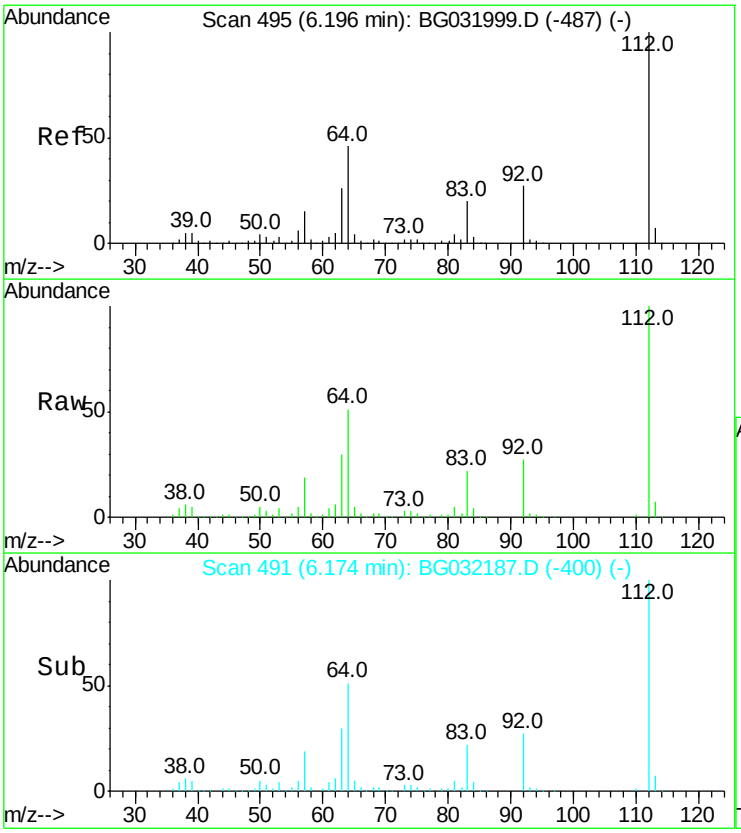
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46646

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	57.6	53.0	79.4

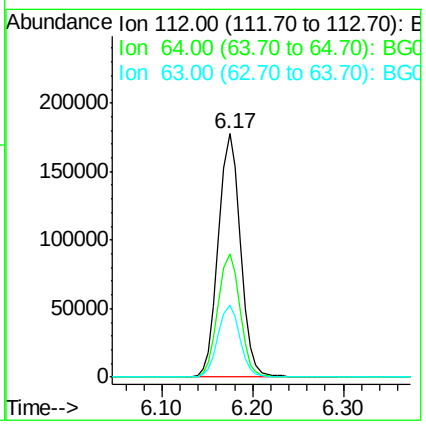


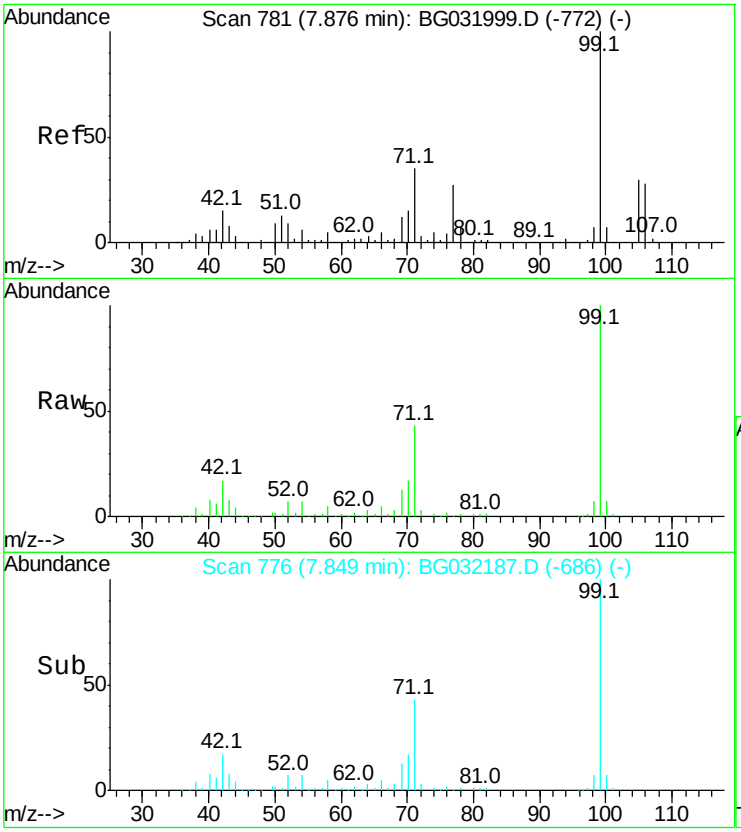


#5
2-Fluorophenol
Concen: 117.842 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:112 Resp: 300550

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	29.7	30.1	45.1#



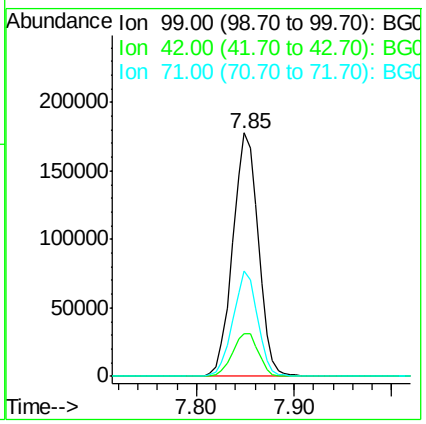


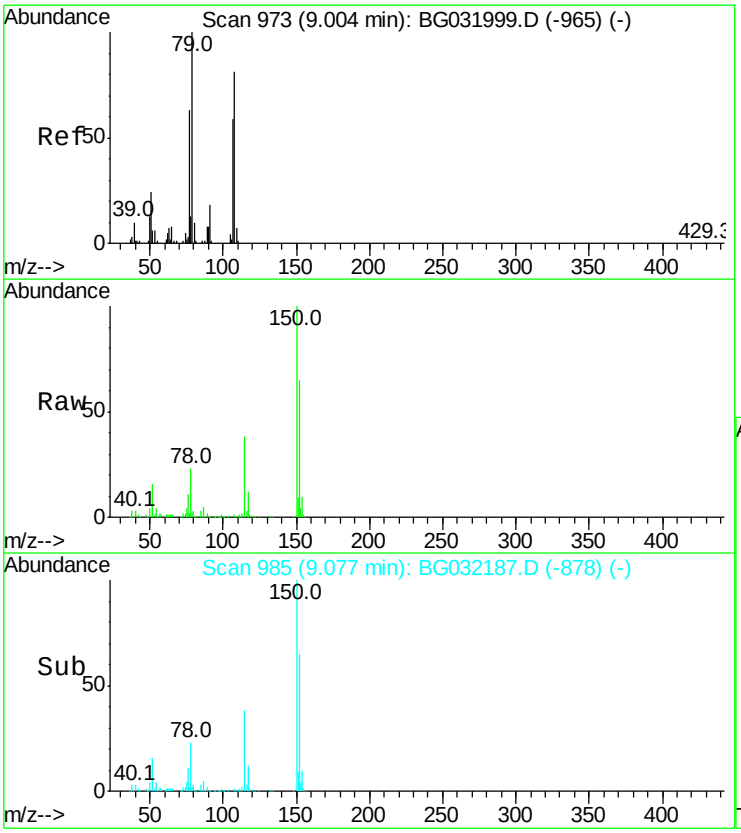
#7
Phenol-d6
Concen: 100.618 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 323198

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	43.1	26.1	39.1#

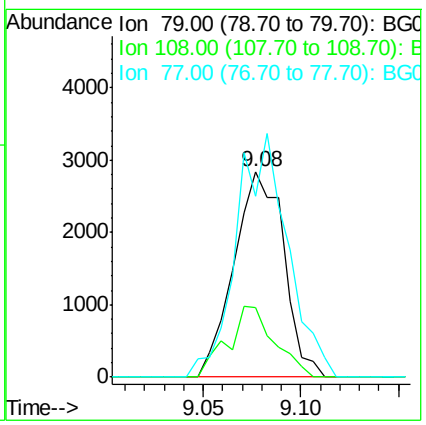


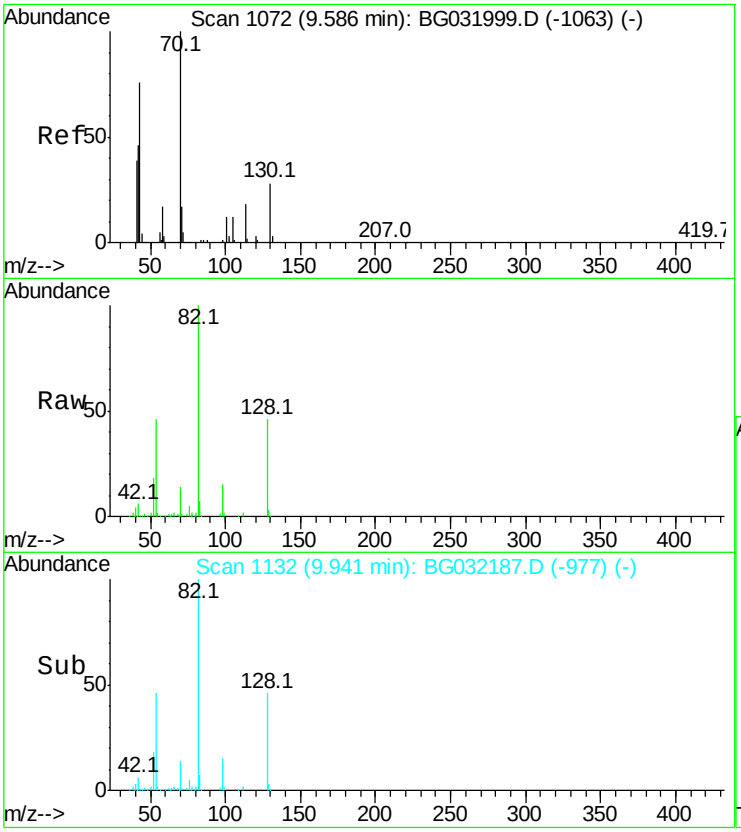


#15
Benzyl Alcohol
Concen: 2.147 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.10 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion: 79 Resp: 5011

Ion	Ratio	Lower	Upper
79	100		
108	33.8	57.2	85.8#
77	88.2	46.1	69.1#



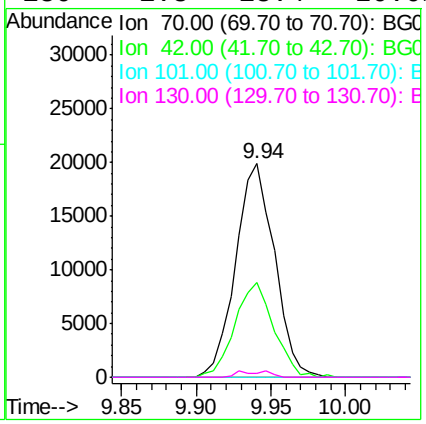


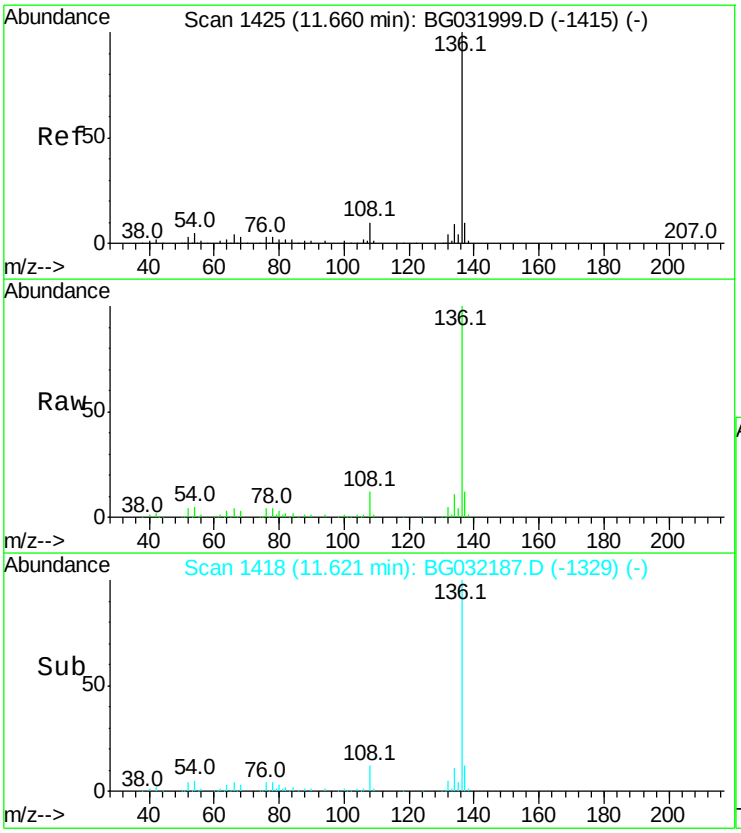
#19
n-Nitroso-di-n-propylamine
Concen: 18.015 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 35904

Ion	Ratio	Lower	Upper
70	100		
42	44.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

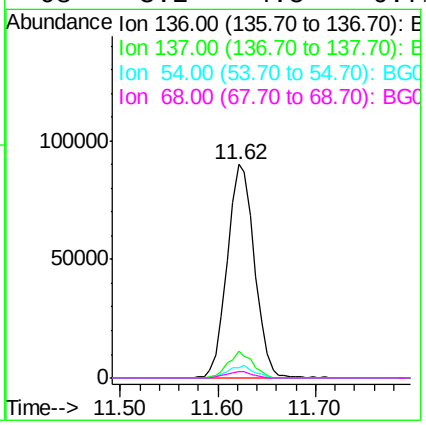


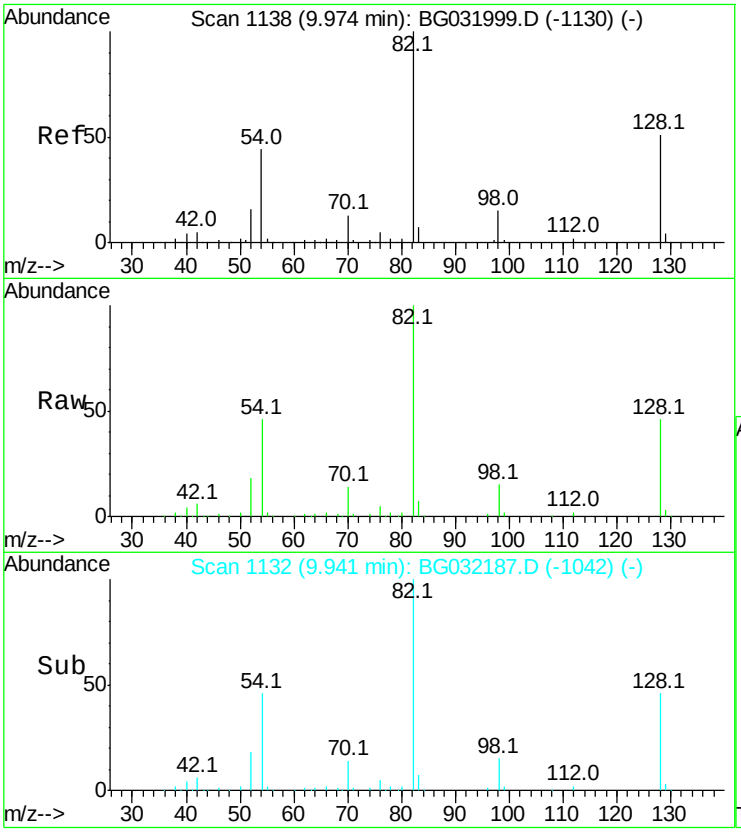


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:136 Resp: 173934

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	5.0	10.3	15.5#
68	3.2	4.5	6.7#



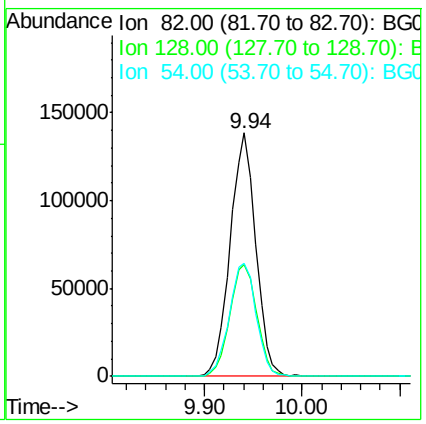


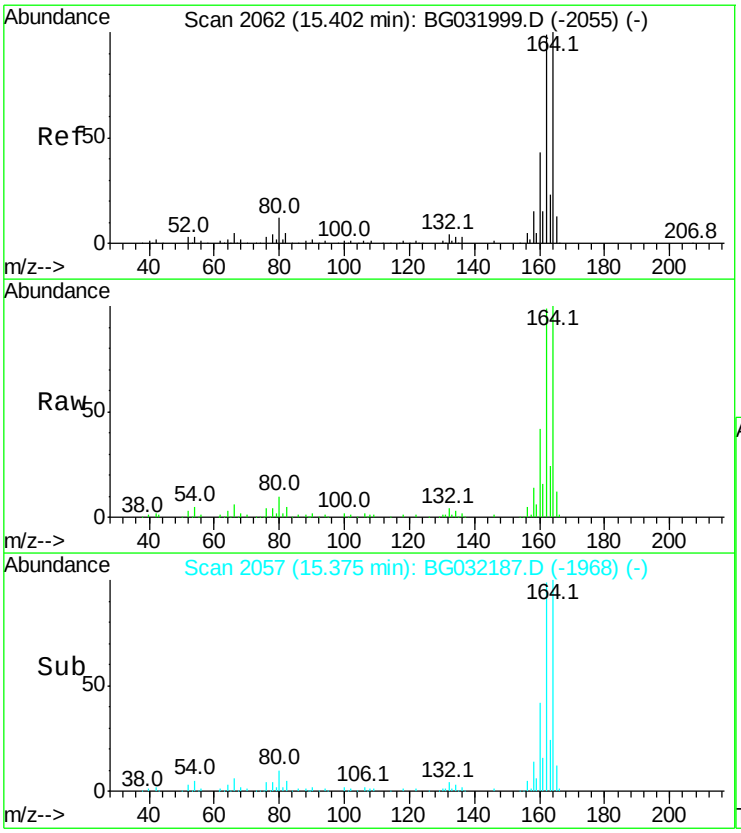
#23
Nitrobenzene-d5
Concen: 98.071 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 252132

Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	46.2	43.1	64.7

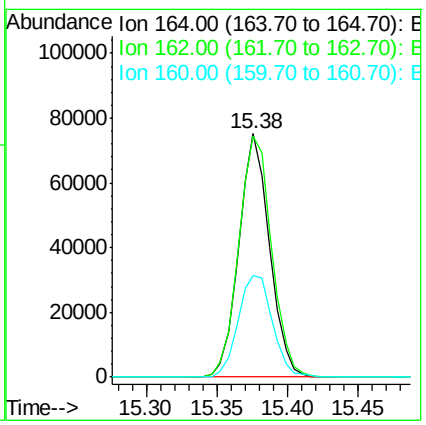


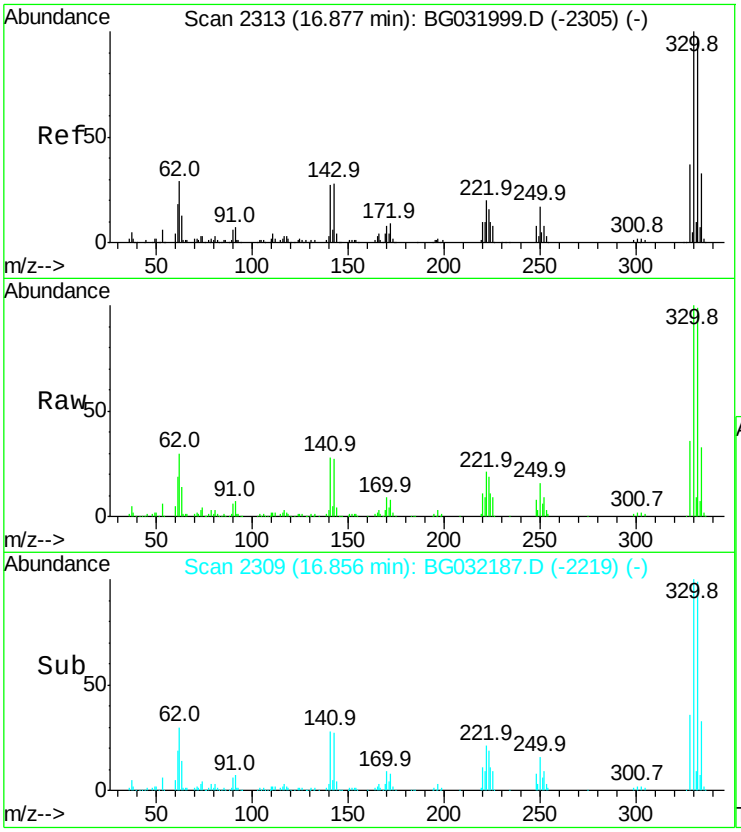


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:164 Resp: 113950

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	41.6	35.4	53.0



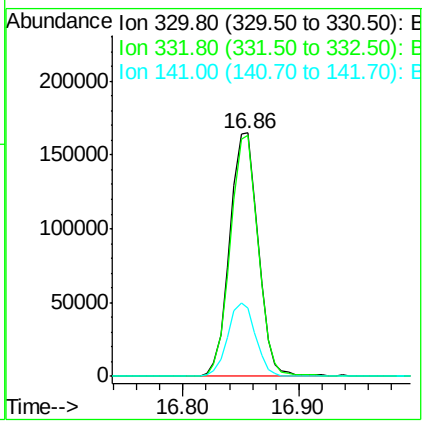


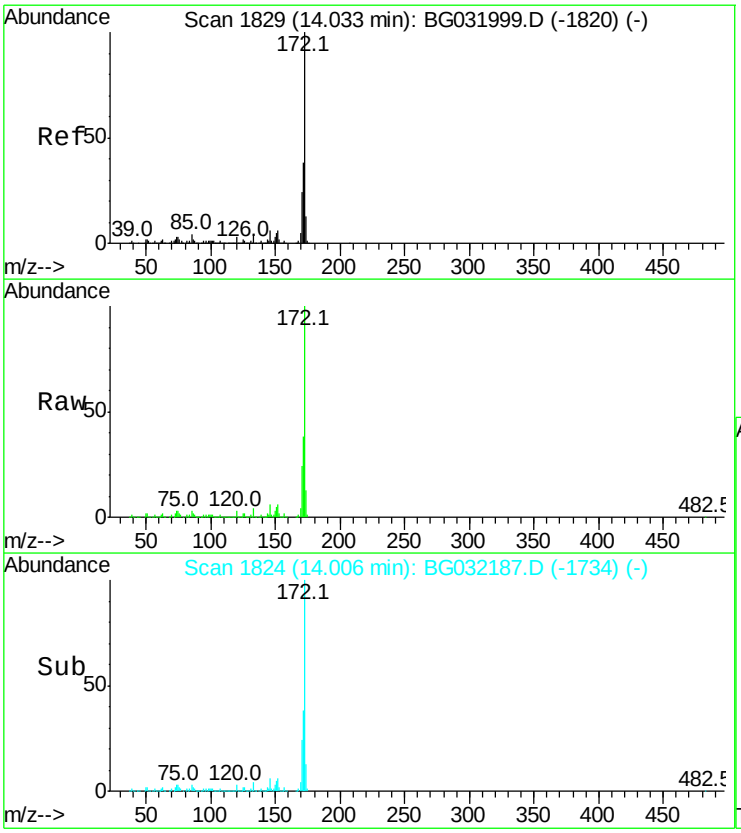
#41
2,4,6-Tribromophenol
Concen: 149.600 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 282086

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	25.2	37.8

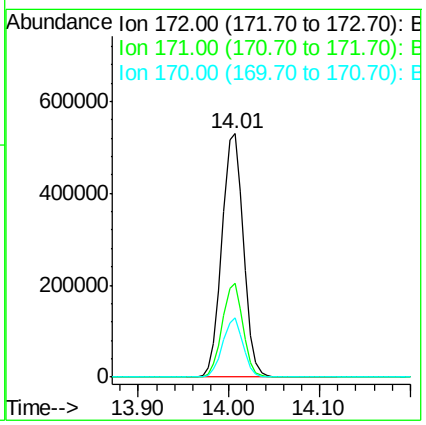


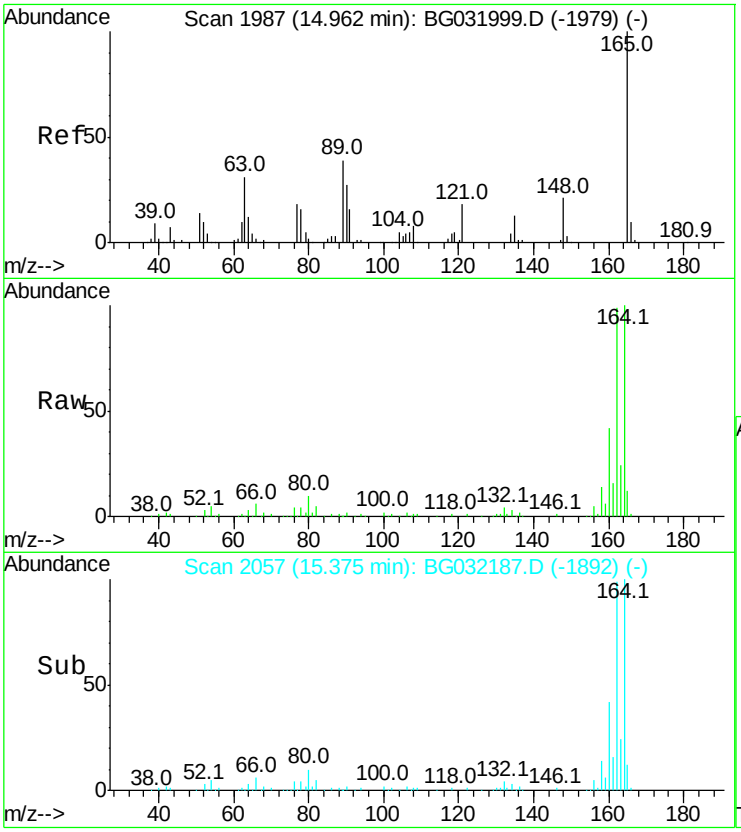


#44
2-Fluorobiphenyl
Concen: 94.587 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:172 Resp: 869241

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.2	19.5	29.3



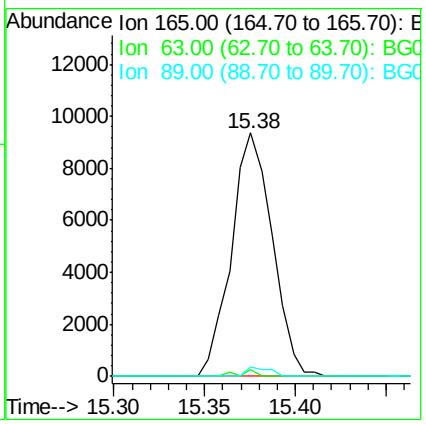


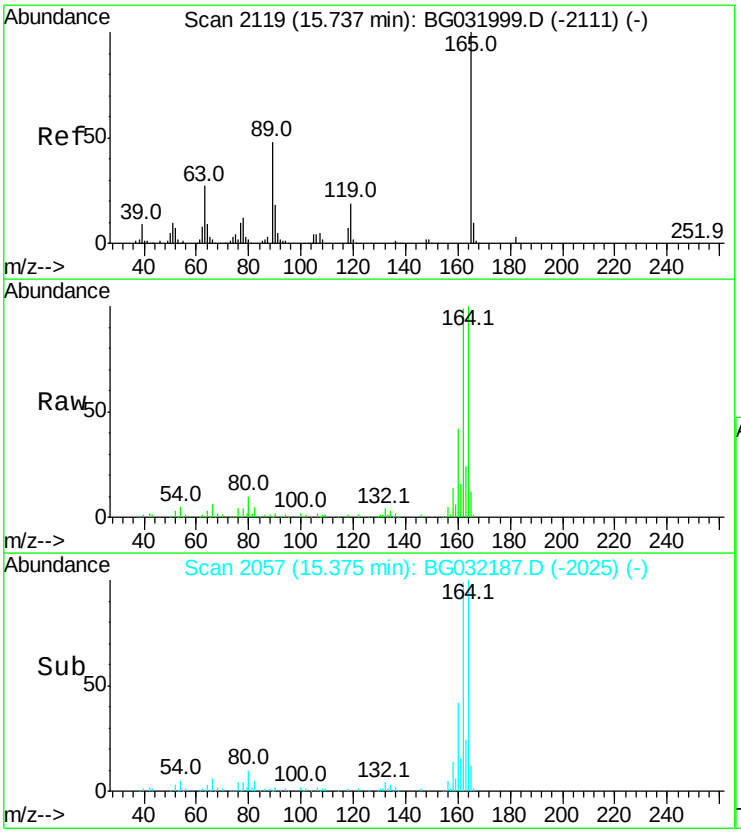
#50
2,6-Dinitrotoluene
Concen: 7.096 ng
RT: 15.38 min Scan# 2057
Delta R.T. 0.44 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14686

Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	3.9	49.2	73.8#

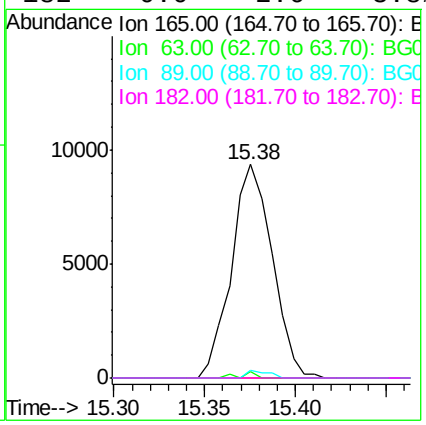


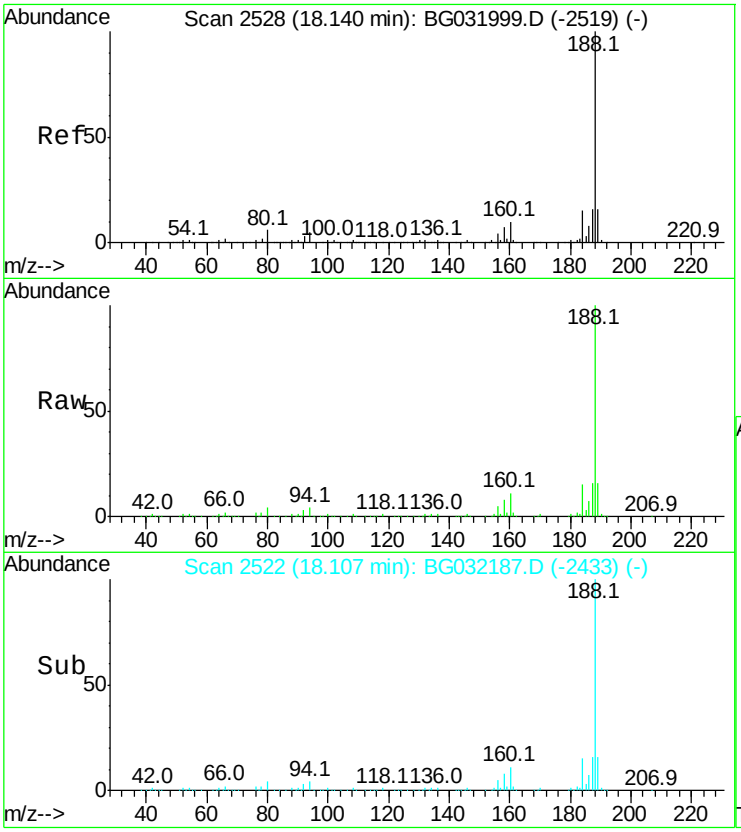


#56
2,4-Dinitrotoluene
Concen: 5.270 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:165 Resp: 14686

Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	3.9	66.9	100.3#
182	0.0	2.6	3.8#



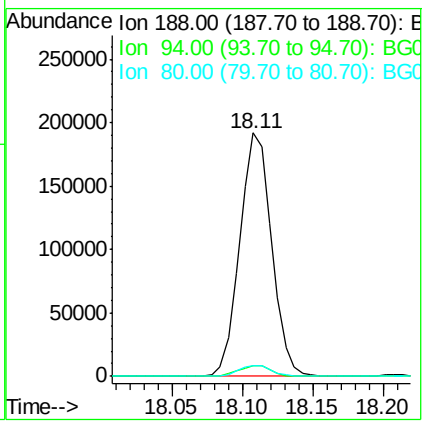


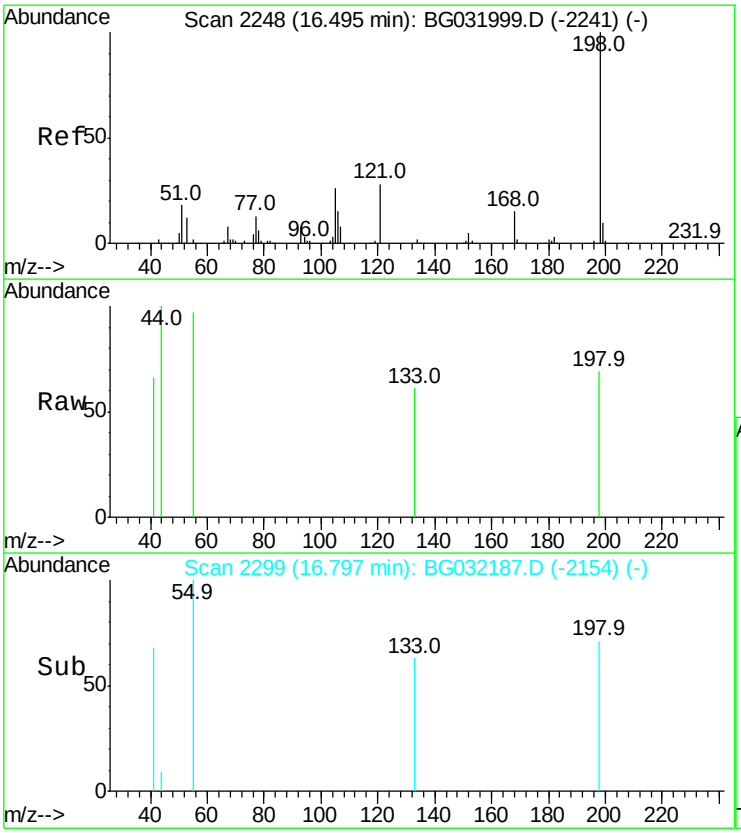
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 303164

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.4	7.7	11.5#

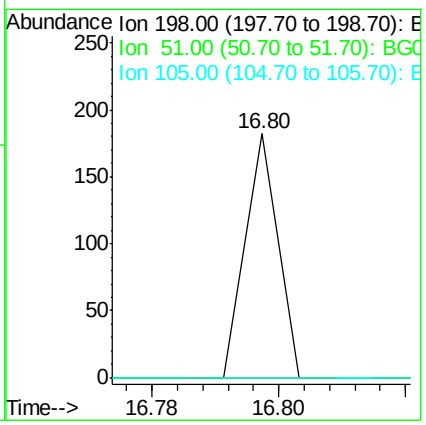


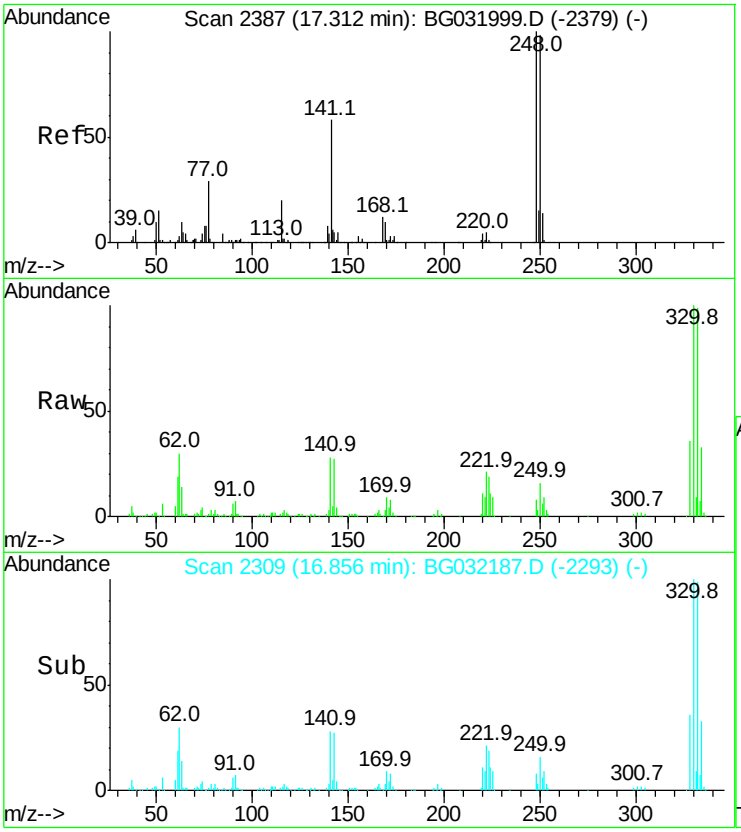


#64
4,6-Dinitro-2-methylphenol
Concen: 4.914 ng
RT: 16.80 min Scan# 2299
Delta R.T. 0.32 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:198 Resp: 64

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



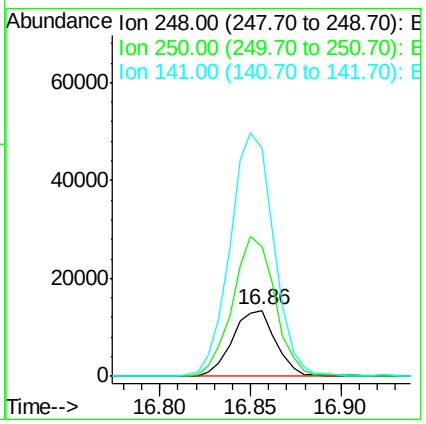


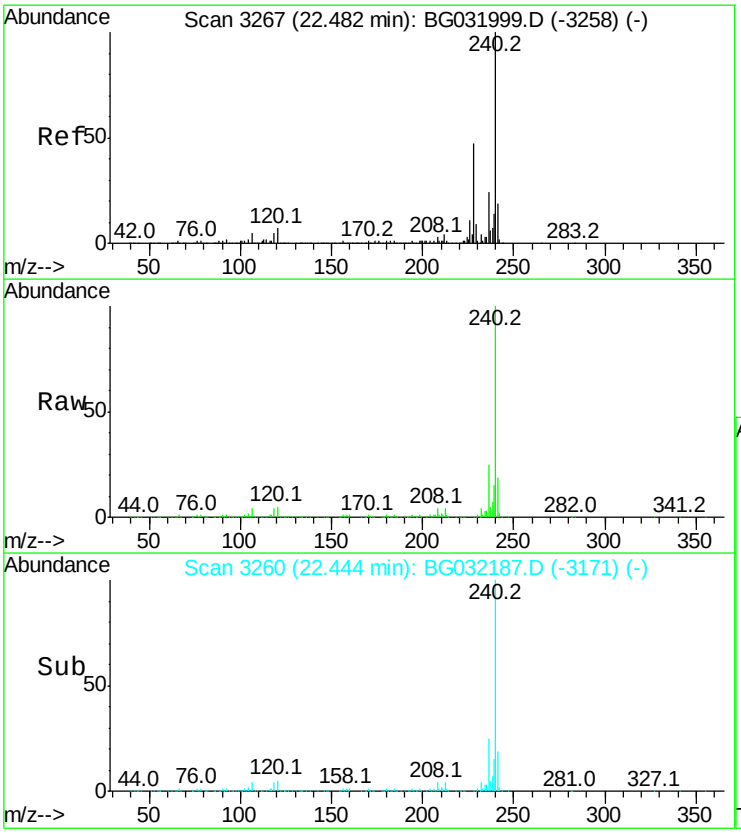
#66
4-Bromophenyl-phenylether
Concen: 5.151 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.43 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22220

Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.1	115.7#
141	346.3	50.8	76.2#

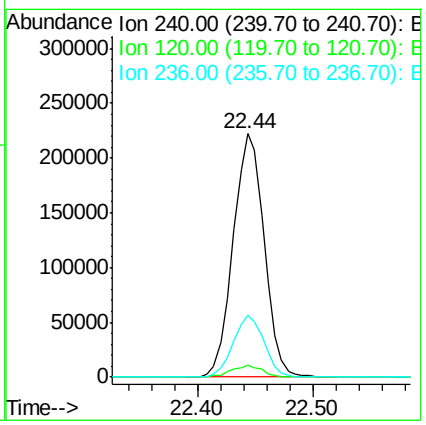


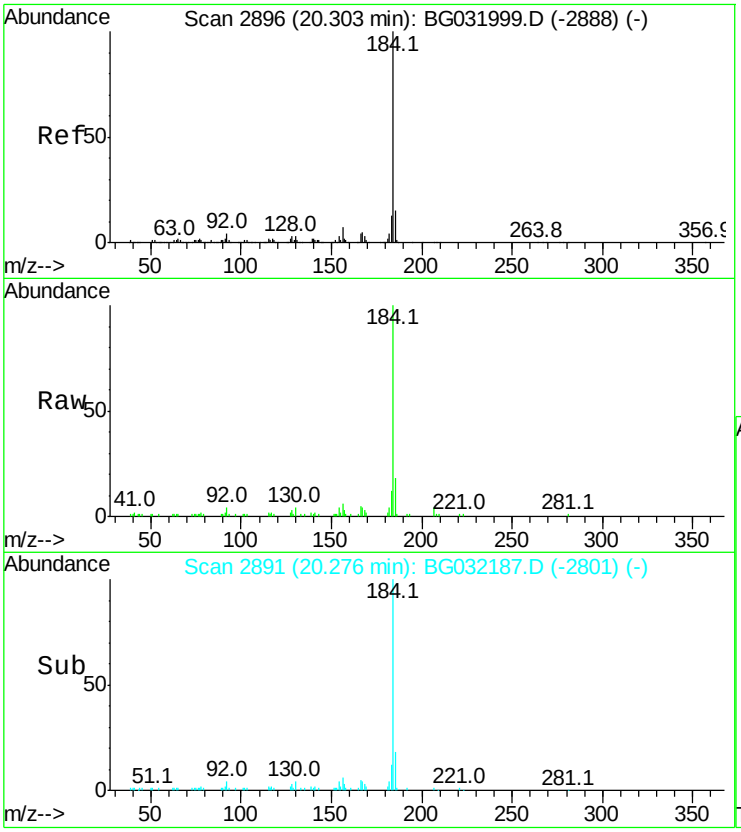


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:240 Resp: 412588

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.2	20.9	31.3



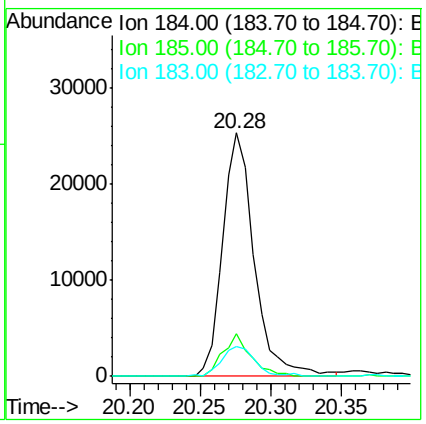


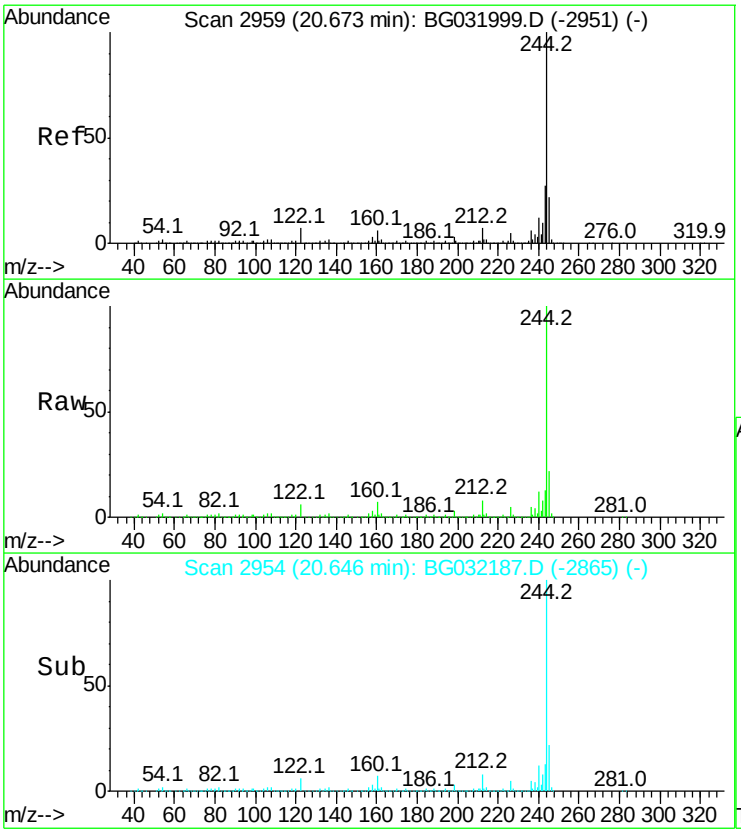
#76
Benzidine
Concen: 3.818 ng
RT: 20.28 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 39395

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	12.2	10.6	16.0

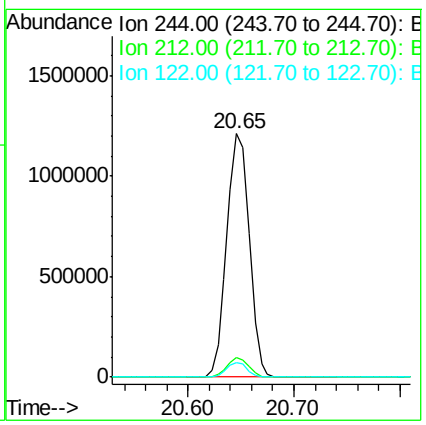


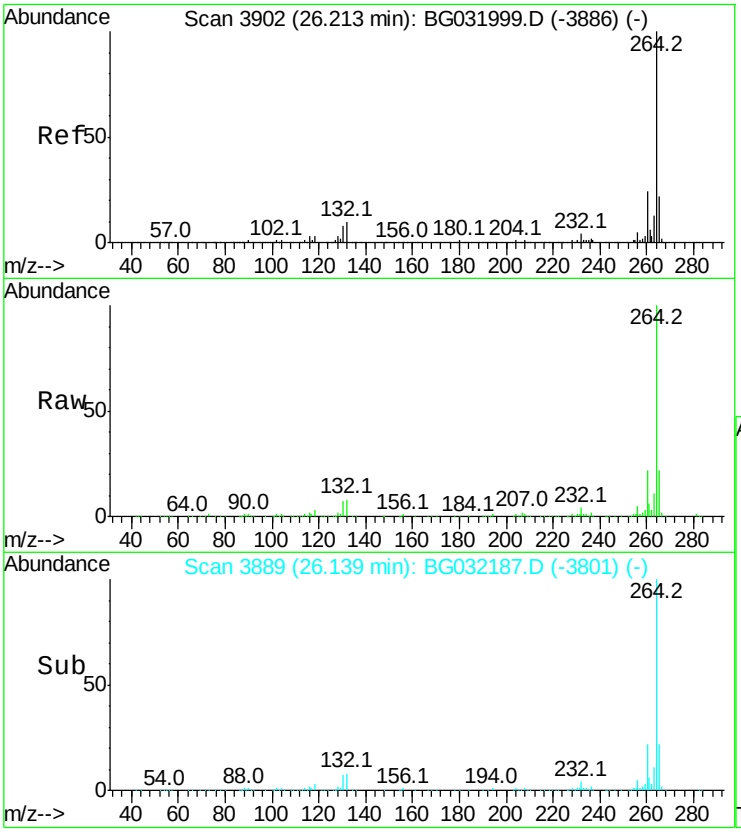


#78
Terphenyl-d14
Concen: 95.305 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Tgt Ion:244 Resp: 1780839

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BG032187.D
Acq: 20 Jan 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 428991

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.7	17.7	26.5