Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033187.D
Acq On : 15 Mar 2018 21:40
Operator : SJ/JU
Sample : J1913-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 16 04:55:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	31468	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	135303	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	81674	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	217825	20.00	ng		0.00
75) Chrysene-d12	22.60	240	227861	20.00	ng		0.00
86) Perylene-d12	26.41	264	247690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	296183	150.58	ng		0.00
7) Phenol-d6	8.00	99	371143	135.37	ng		0.00
23) Nitrobenzene-d5	10.10	82	264788	129.88	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	225040	262.05	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	609658	107.66	ng		0.00
78) Terphenyl-d14	20.77	244	1136351	112.05	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.24	79	4423	2.194	ng	#	40
19) n-Nitroso-di-n-propylamine	10.10	70	36188	18.697	ng	#	83
24) Nitrobenzene	10.09	77	700	6.662	ng	#	37
31) Naphthalene	11.84	128	23005	3.254	ng		97
32) Benzoic acid	10.96	122	251	6.053	ng	#	54
47) 2-Nitroaniline	14.14	65	1141	10.510	ng	#	13
50) 2,6-Dinitrotoluene	15.00	165	377	9.166	ng	#	18
55) 4-Nitrophenol	15.90	139	54	7.124	ng	#	1
56) 2,4-Dinitrotoluene	15.51	165	11010	14.911	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.61	198	55	5.055	ng	#	29
66) 4-Bromophenyl-phenylether	16.99	248	15071	6.543	ng	#	1
69) Pentachlorophenol	17.88	266	10721	6.838	ng		91
76) Benzidine	20.77	184	19662	2.531	ng	#	91

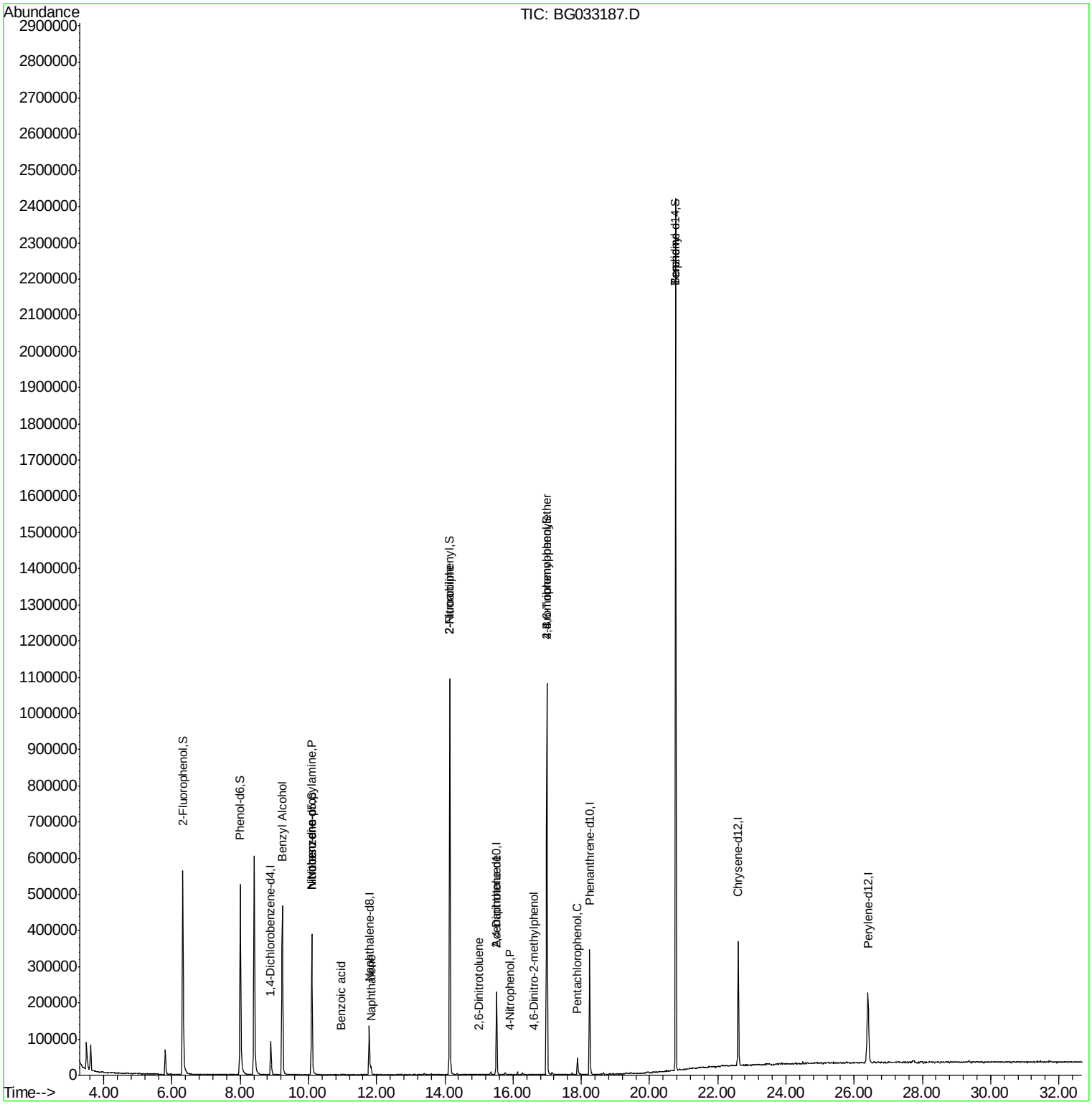
(#) = qualifier out of range (m) = manual integration (+) = signals summed

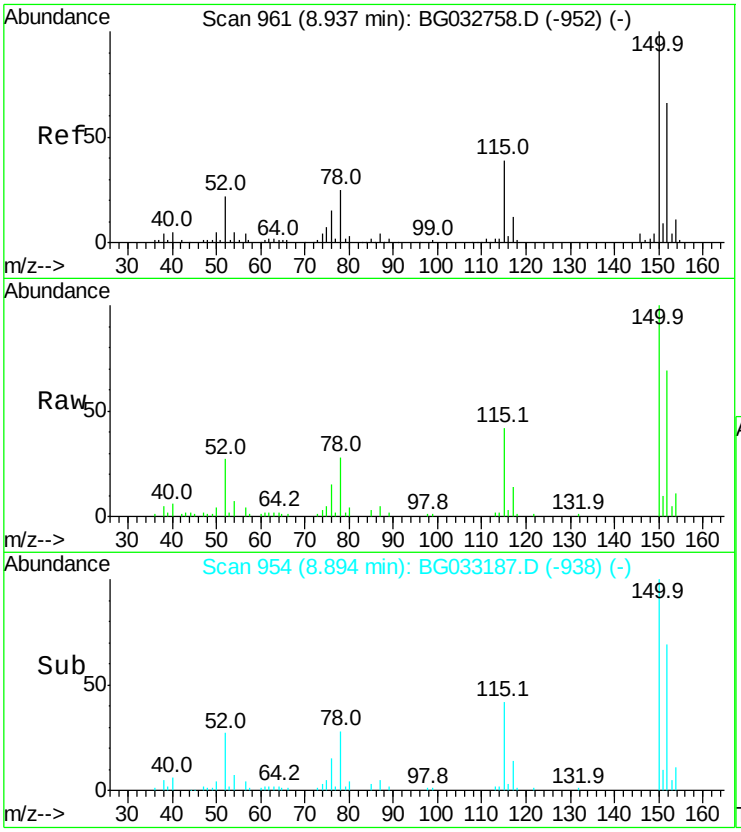
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033187.D
Acq On : 15 Mar 2018 21:40
Operator : SJ/JU
Sample : J1913-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 16 04:55:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



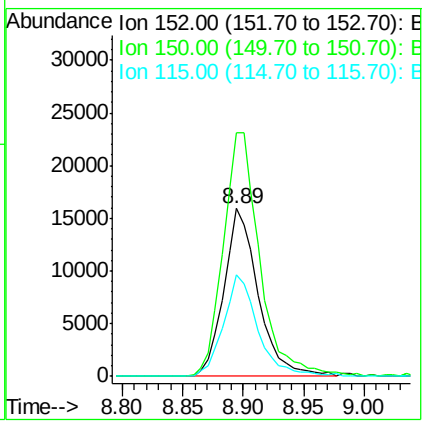


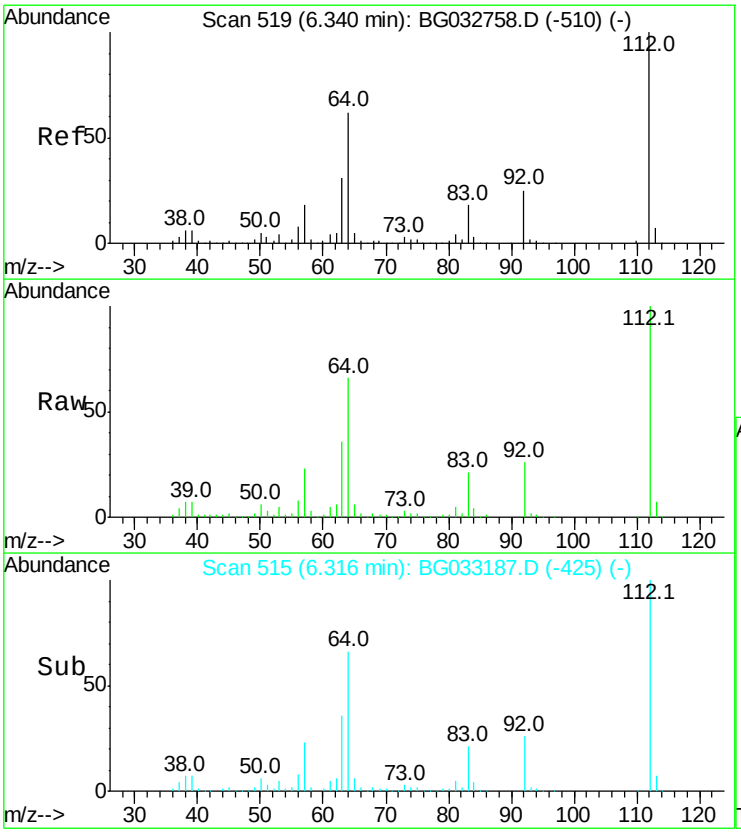
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31468

Ion	Ratio	Lower	Upper
152	100		
150	145.1	126.6	189.8
115	60.2	53.0	79.4

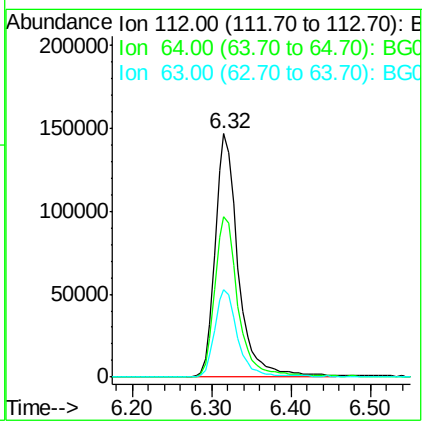


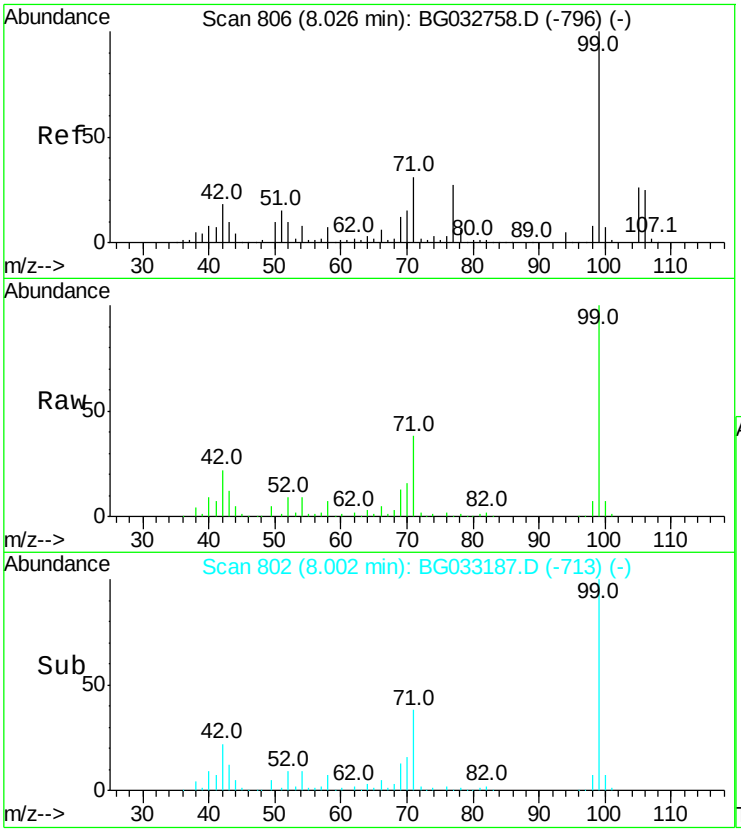


#5
2-Fluorophenol
Concen: 150.581 ng
RT: 6.32 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:112 Resp: 296183

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	35.7	30.1	45.1



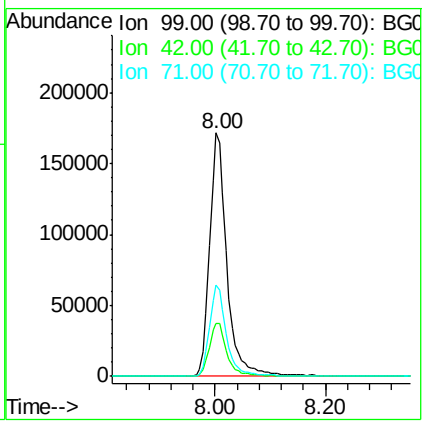


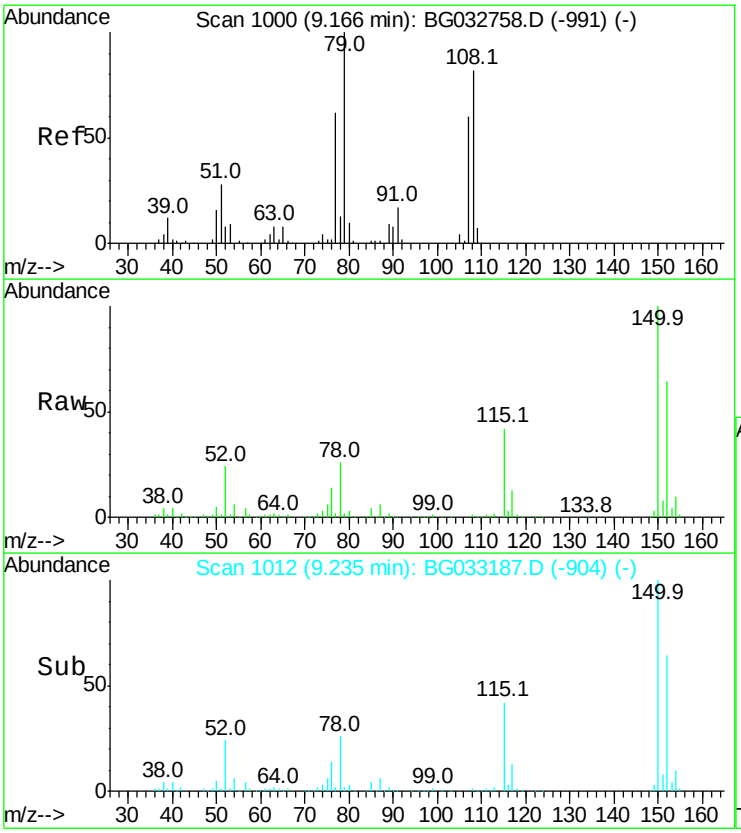
#7
Phenol-d6
Concen: 135.373 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 371143

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.1	21.1#
71	37.7	26.1	39.1

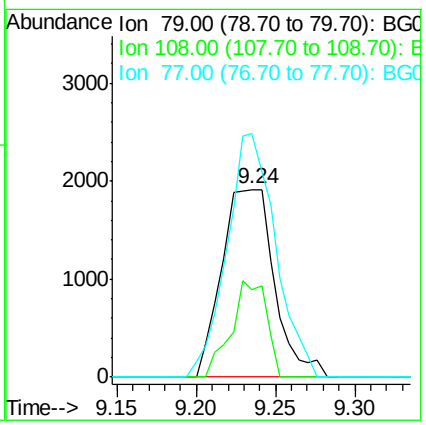


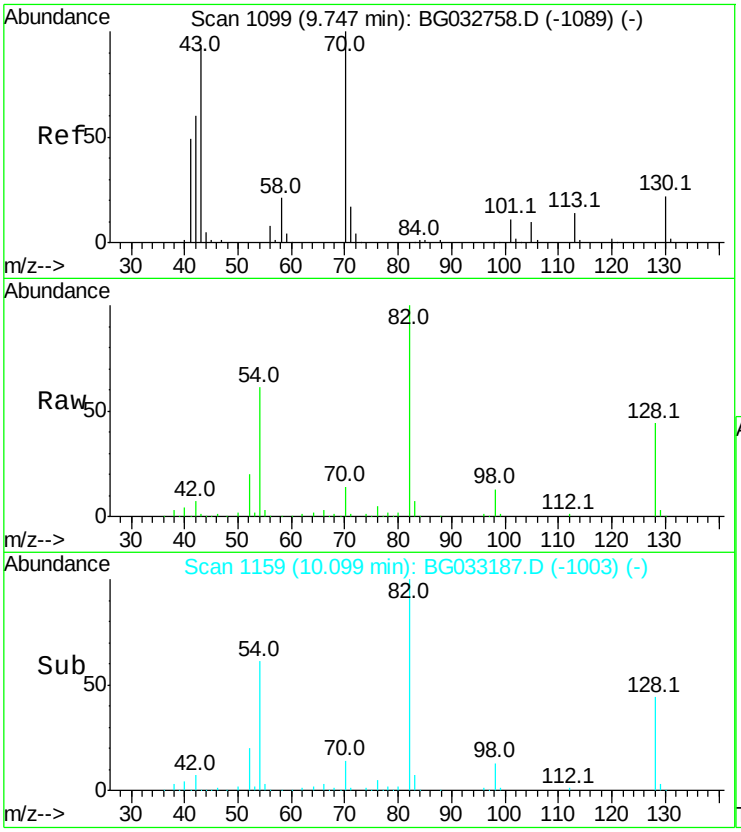


#15
Benzyl Alcohol
Concen: 2.194 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.10 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion: 79 Resp: 4423

Ion	Ratio	Lower	Upper
79	100		
108	46.4	57.2	85.8#
77	129.6	46.1	69.1#



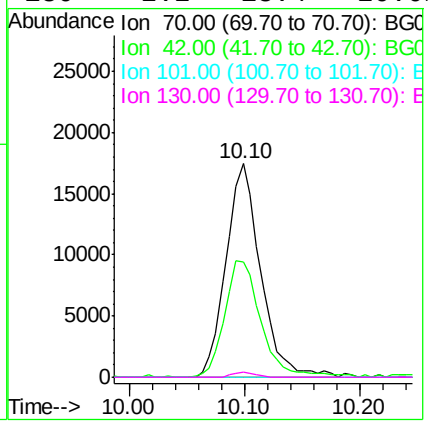


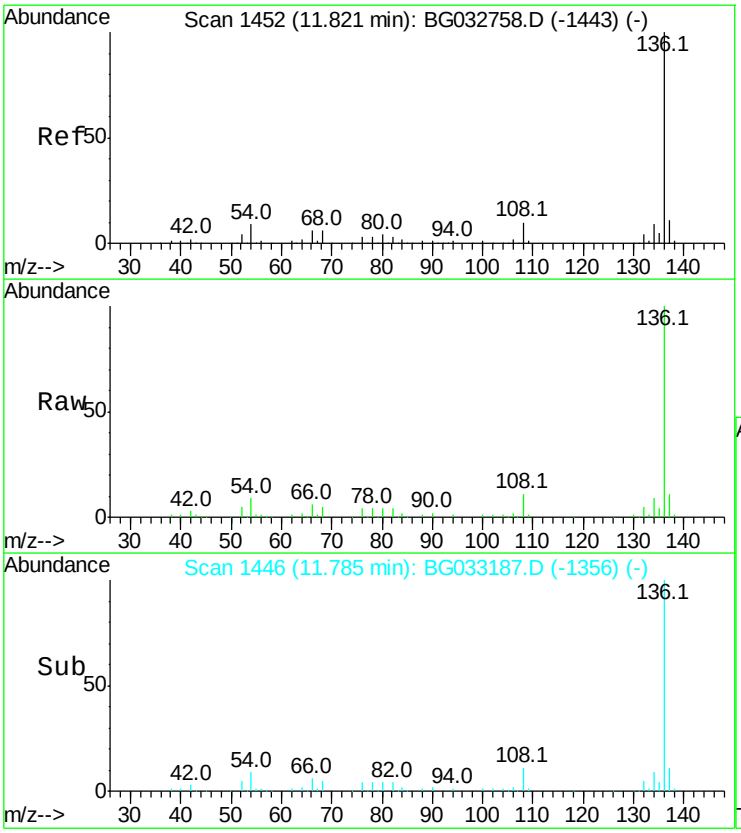
#19
n-Nitroso-di-n-propylamine
Concen: 18.697 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.38 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36188

Ion	Ratio	Lower	Upper
70	100		
42	53.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

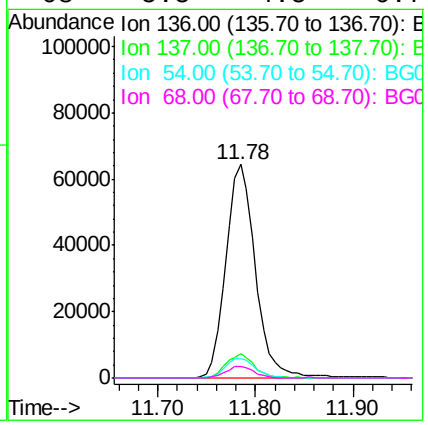


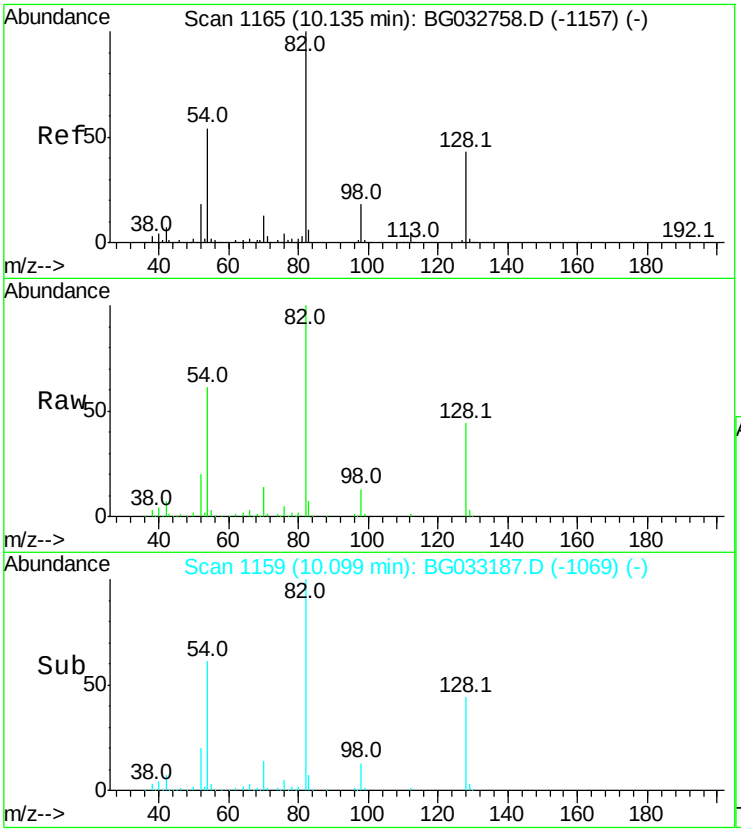


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:136 Resp: 135303

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.9	10.3	15.5#
68	5.5	4.5	6.7



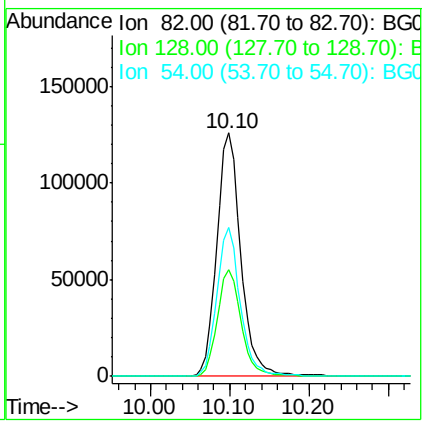


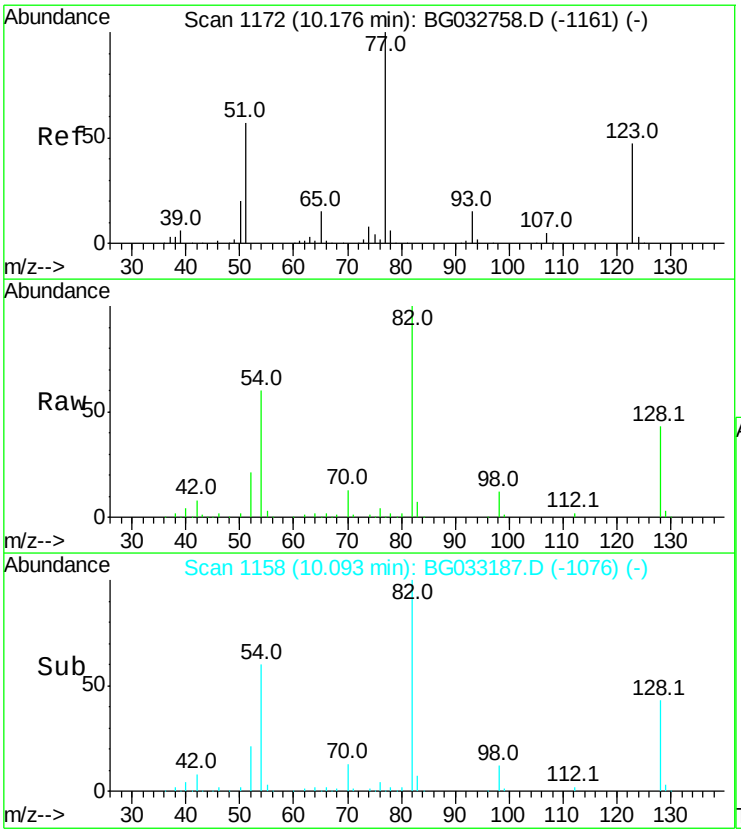
#23
Nitrobenzene-d5
Concen: 129.881 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 264788

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	61.2	43.1	64.7

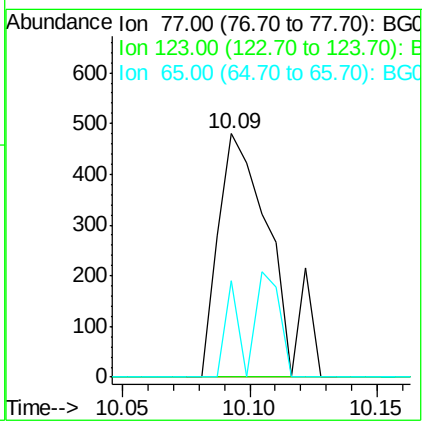


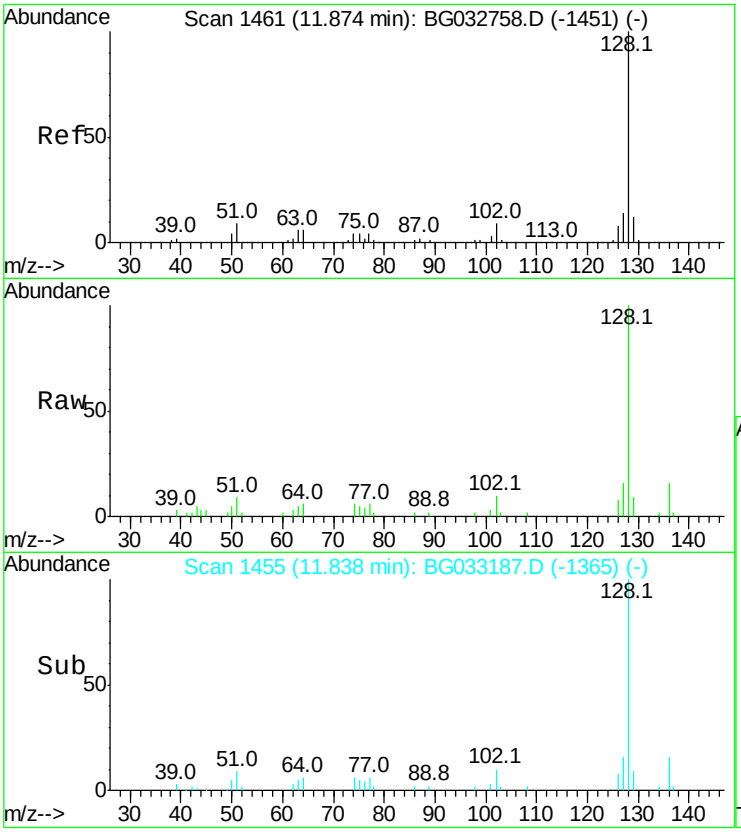


#24
Nitrobenzene
Concen: 6.662 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion: 77 Resp: 700

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	39.8	13.0	19.6#



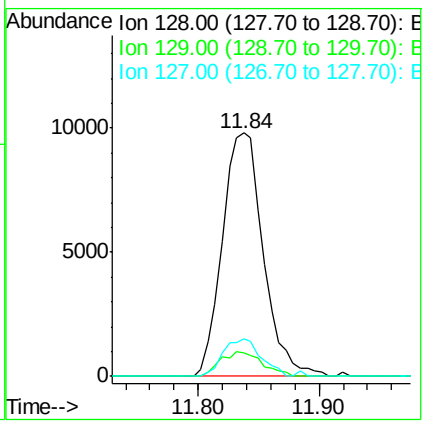


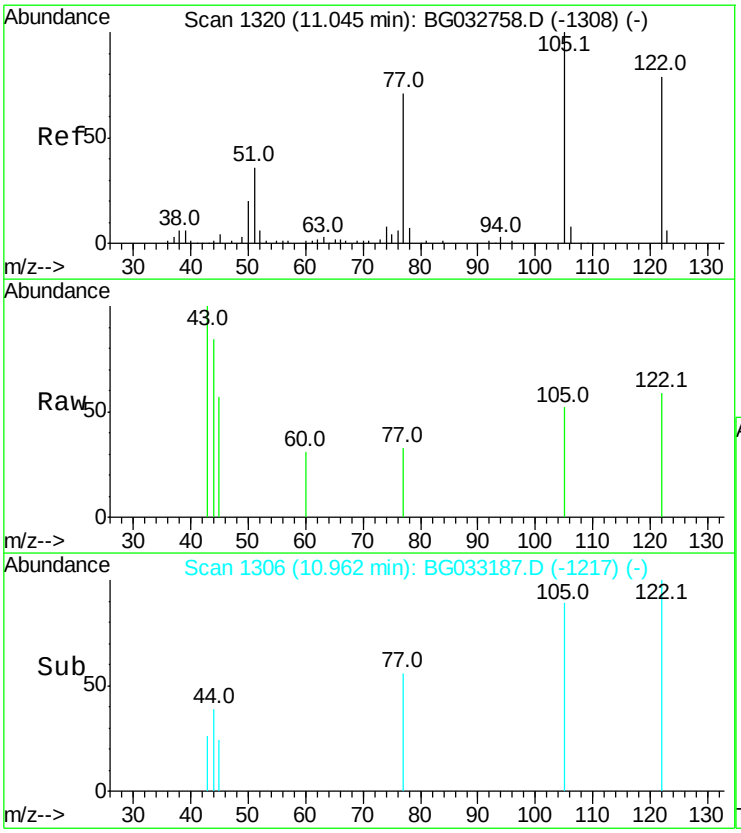
#31
Naphthalene
Concen: 3.254 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 23005

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.6	12.8
127	15.6	11.6	17.4

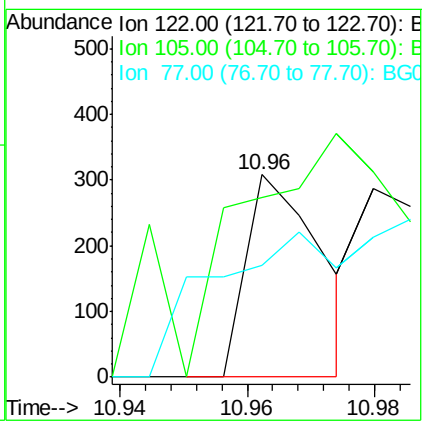


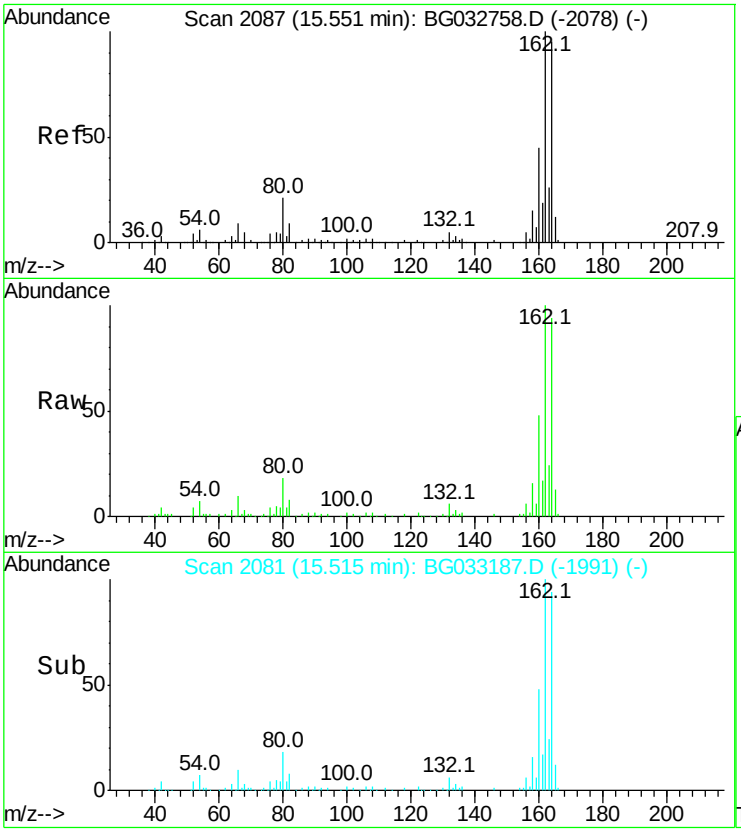


#32
Benzoic acid
Concen: 6.053 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:122 Resp: 251

Ion	Ratio	Lower	Upper
122	100		
105	88.6	123.5	163.5#
77	55.5	85.7	125.7#



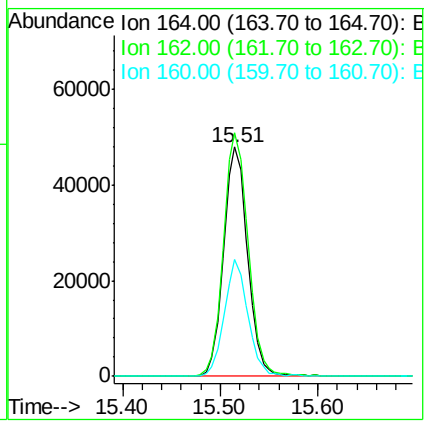


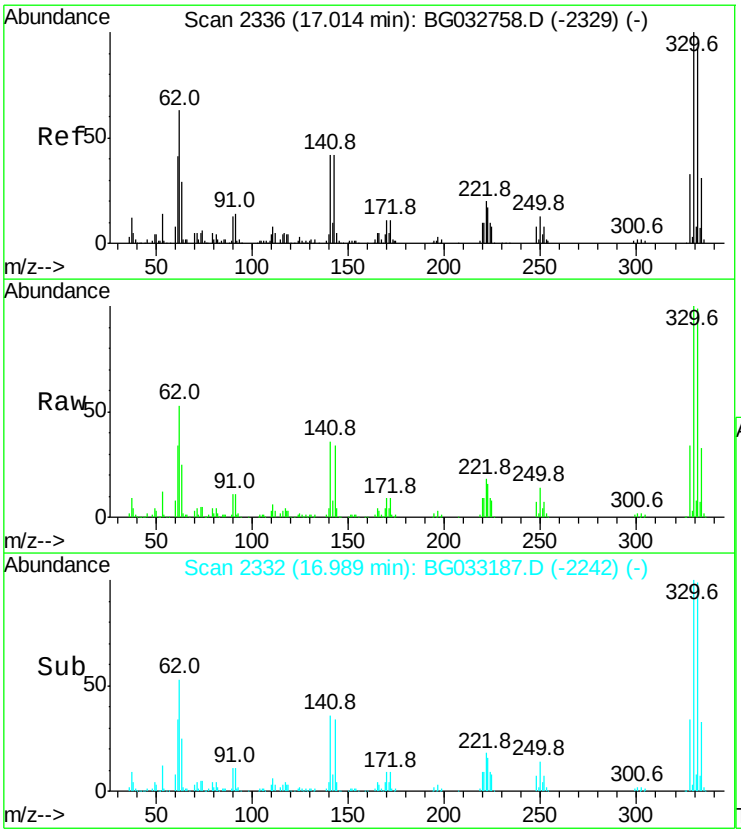
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 81674

Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	50.9	35.4	53.0

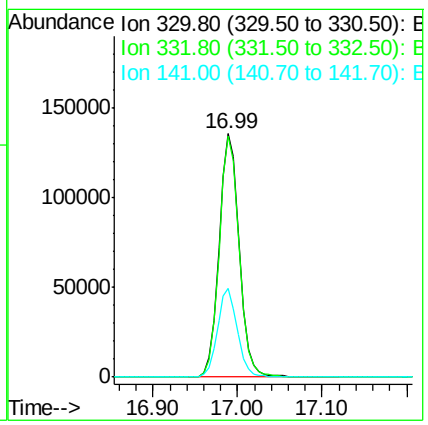


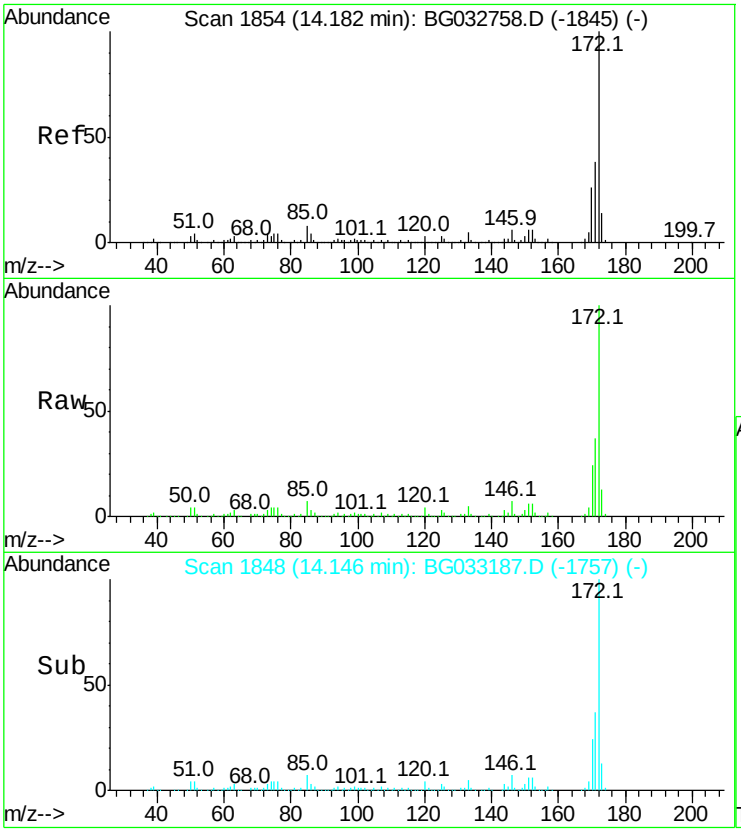


#41
2,4,6-Tribromophenol
Concen: 262.048 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:330 Resp: 225040

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	36.0	25.2	37.8



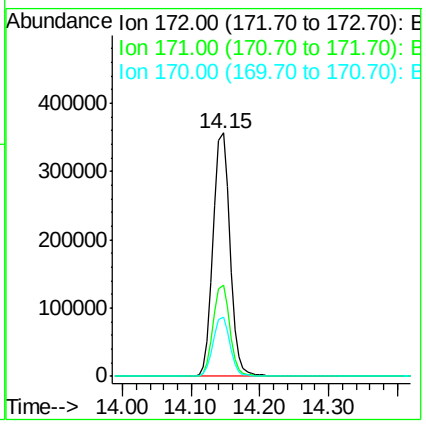


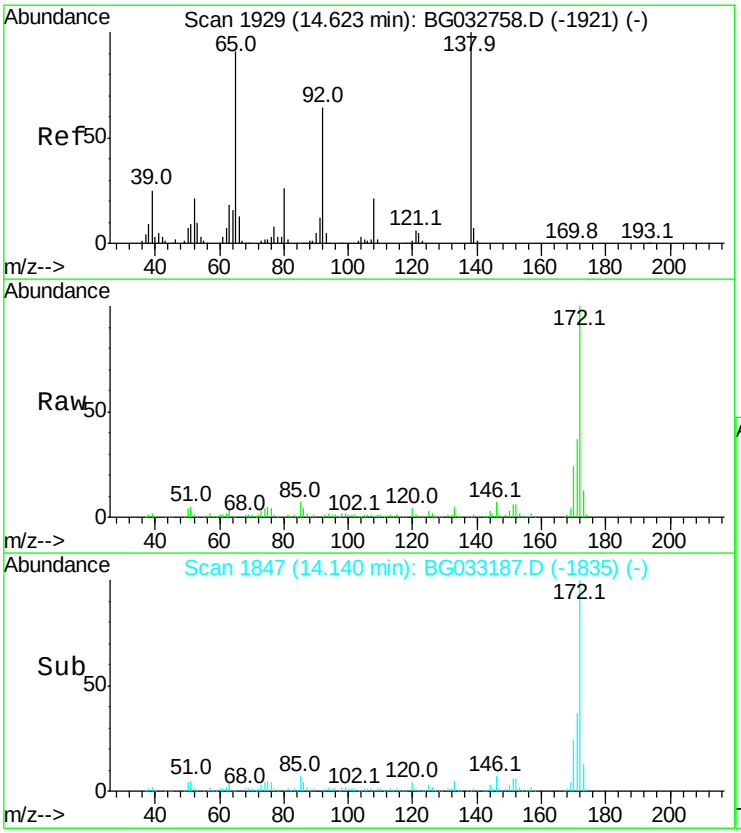
#44
2-Fluorobiphenyl
Concen: 107.657 ng
RT: 14.15 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 609658

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3

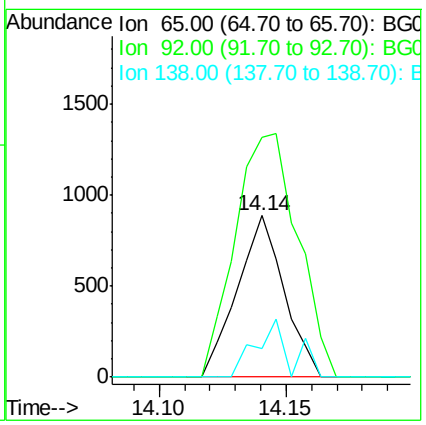


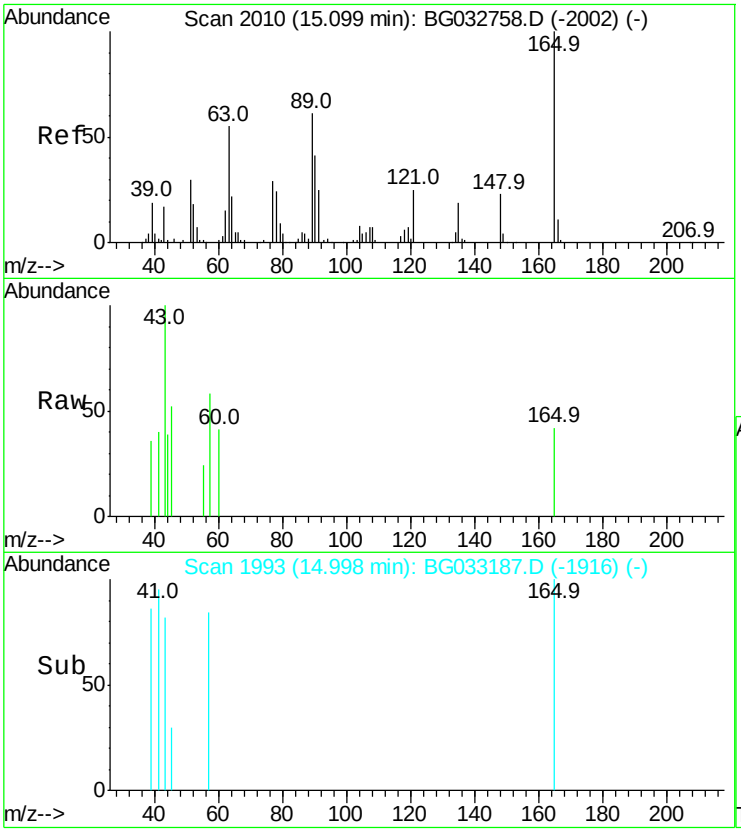


#47
2-Nitroaniline
Concen: 10.510 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.46 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion: 65 Resp: 1141

Ion	Ratio	Lower	Upper
65	100		
92	148.8	54.6	82.0#
138	17.4	72.9	109.3#



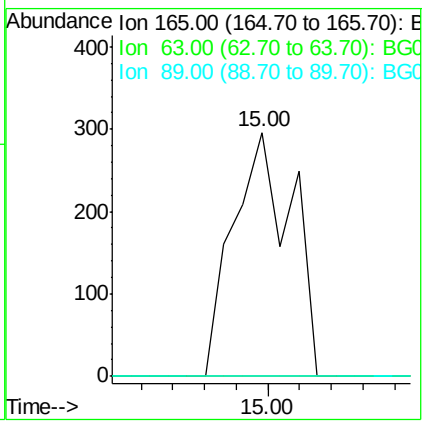


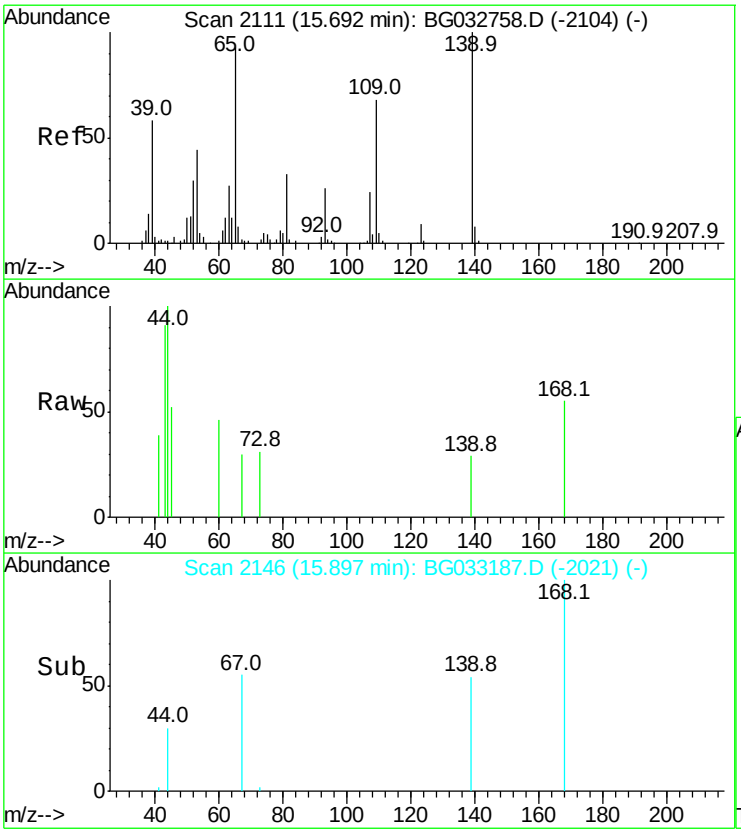
#50
2,6-Dinitrotoluene
Concen: 9.166 ng
RT: 15.00 min Scan# 1993
Delta R.T. -0.08 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 377

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

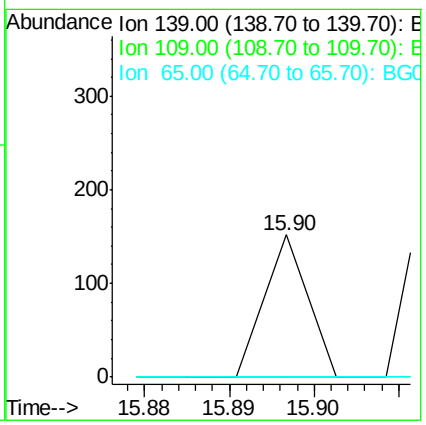


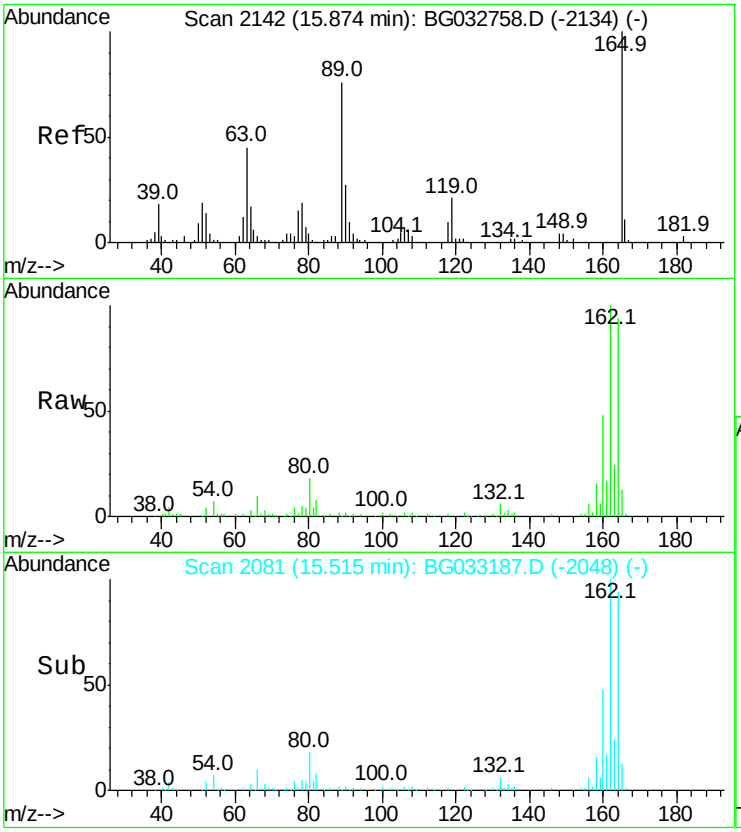


#55
4-Nitrophenol
Concen: 7.124 ng
RT: 15.90 min Scan# 2146
Delta R.T. 0.20 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



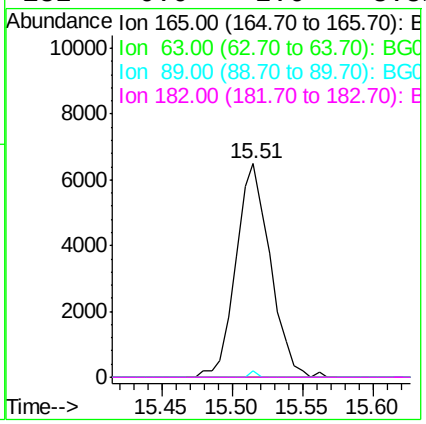


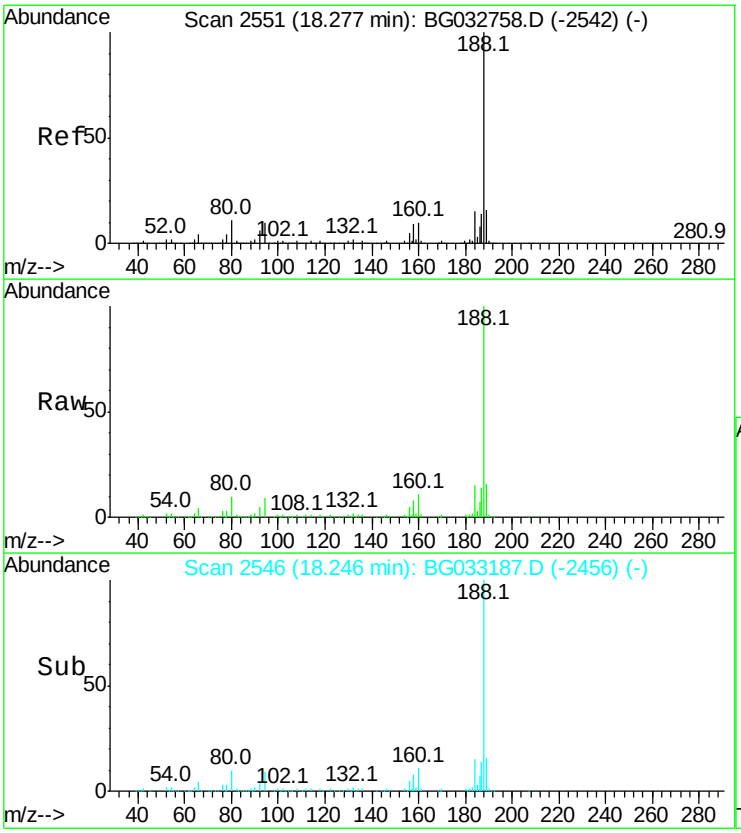
#56
2,4-Dinitrotoluene
Concen: 14.911 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11010

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

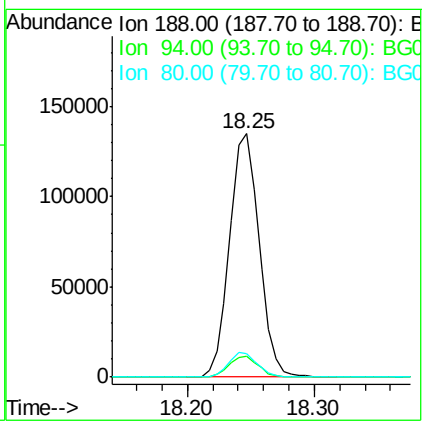


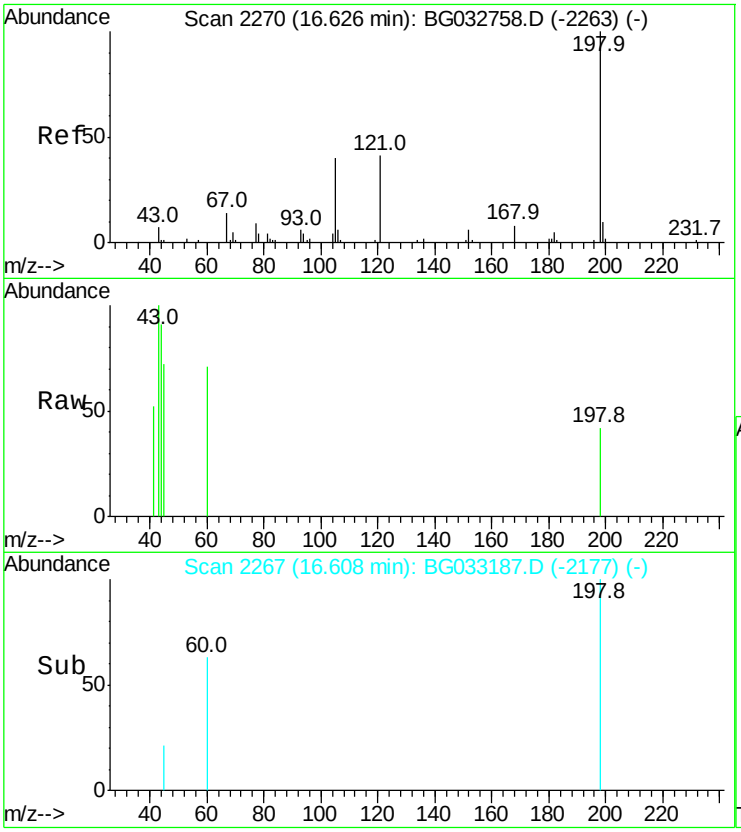


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:188 Resp: 217825

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.7	7.7	11.5



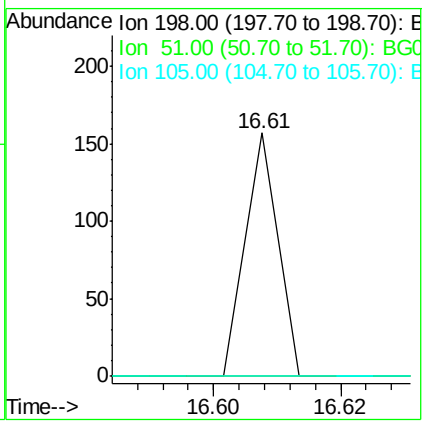


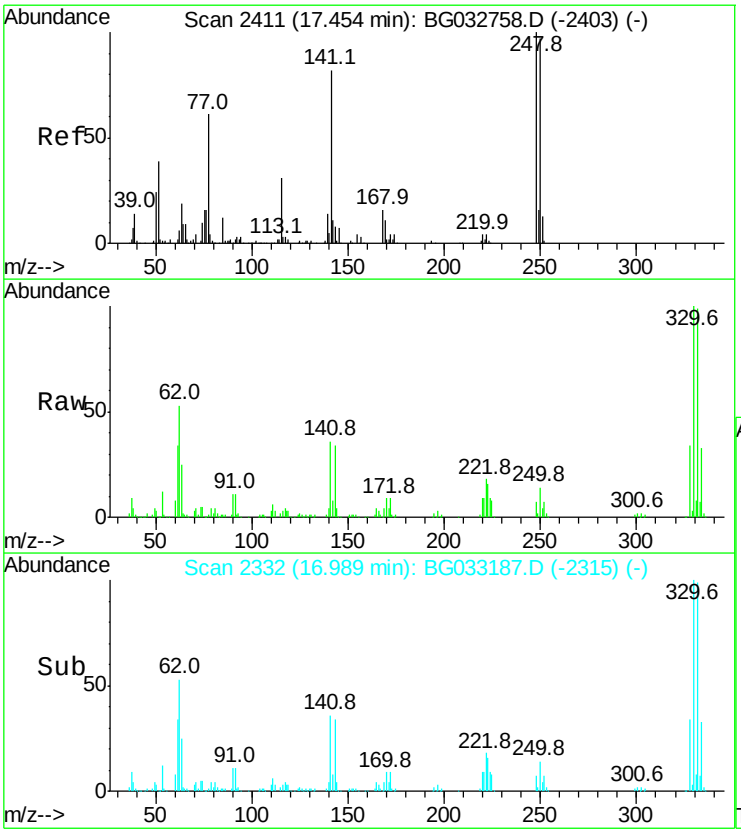
#64
4,6-Dinitro-2-methylphenol
Concen: 5.055 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 55

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

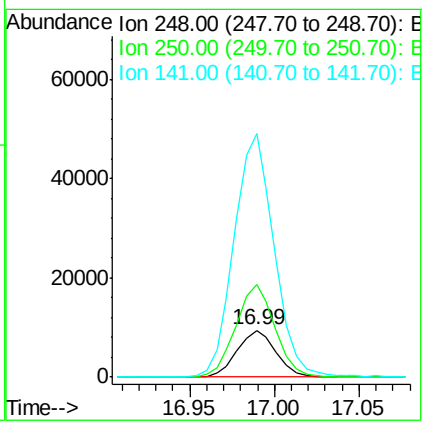


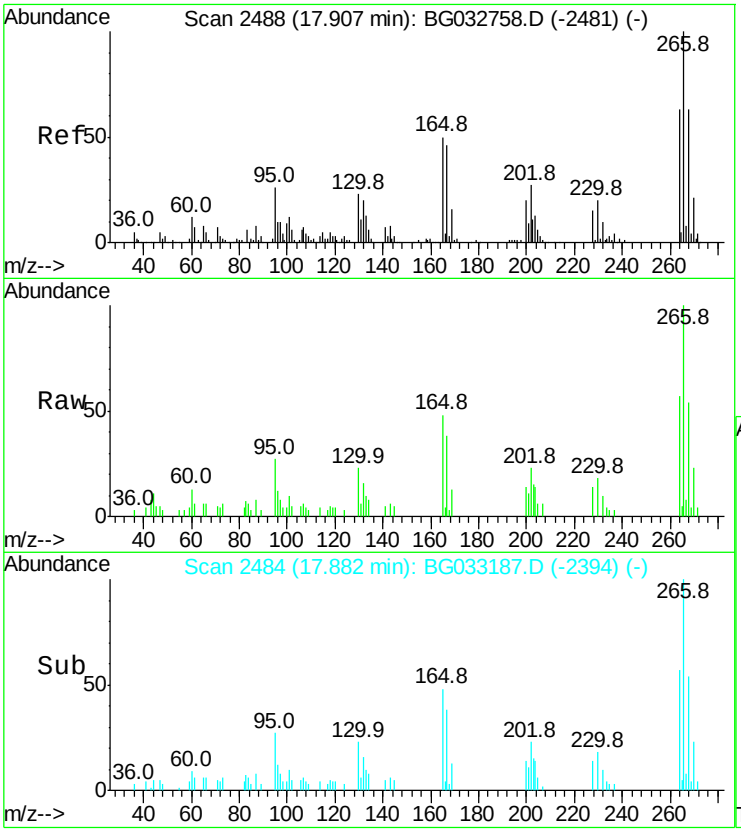


#66
4-Bromophenyl-phenylether
Concen: 6.543 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.43 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:248 Resp: 15071

Ion	Ratio	Lower	Upper
248	100		
250	197.7	77.1	115.7#
141	516.6	50.8	76.2#



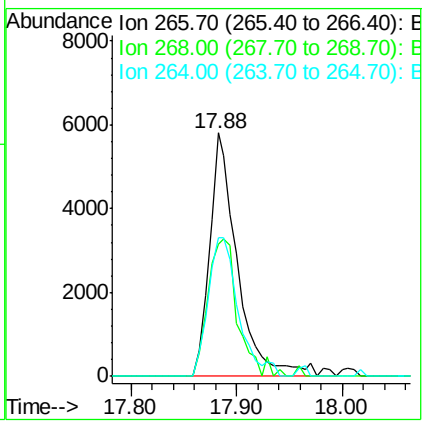


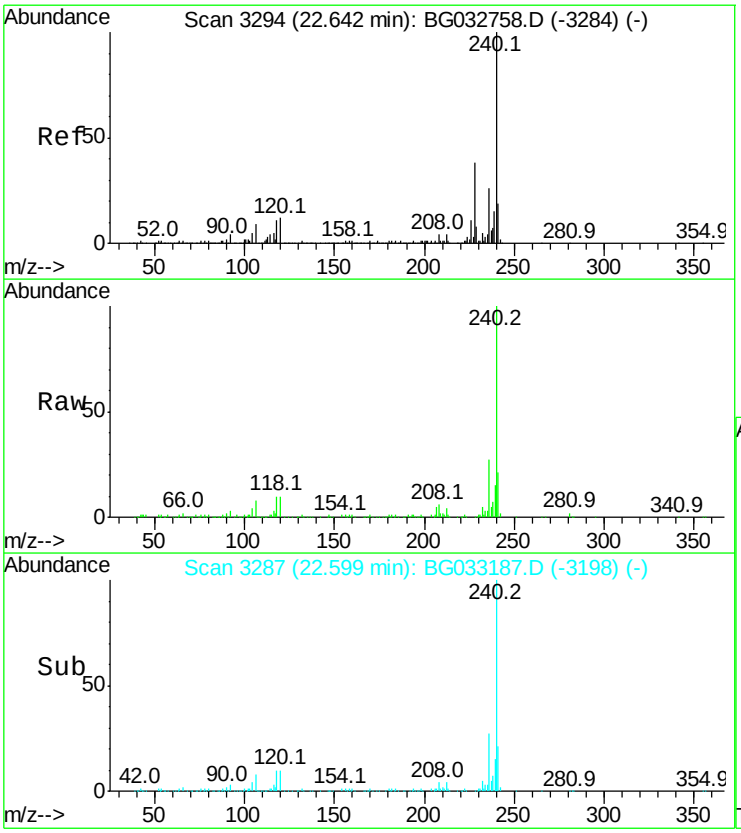
#69
Pentachlorophenol
Concen: 6.838 ng
RT: 17.88 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 10721

Ion	Ratio	Lower	Upper
266	100		
268	54.4	51.1	76.7
264	57.1	49.6	74.4

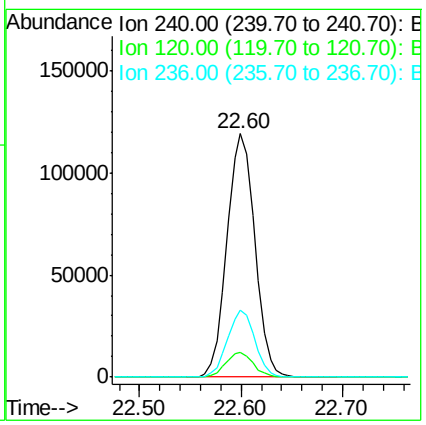


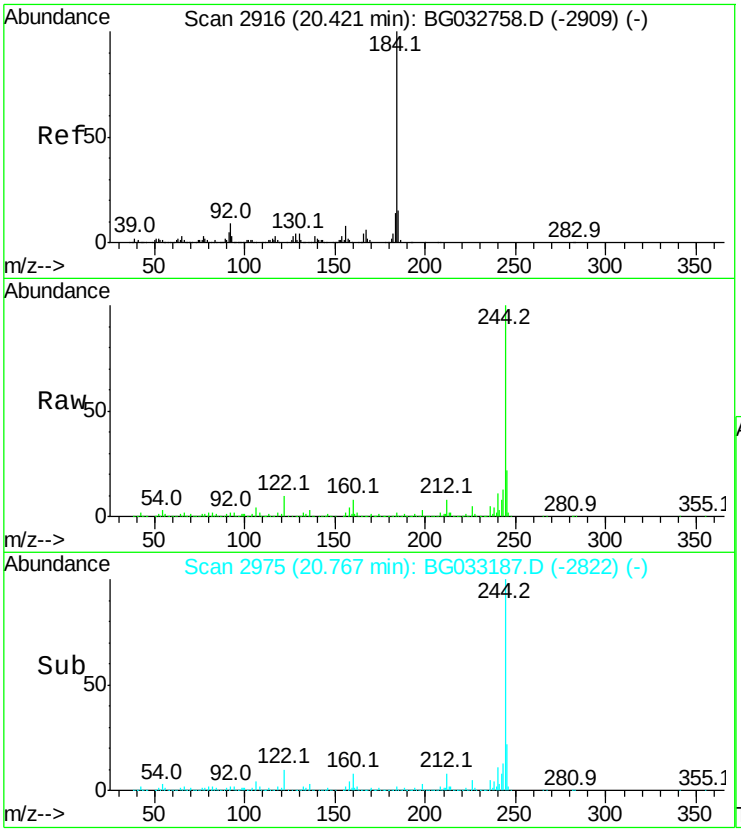


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:240 Resp: 227861

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	27.5	20.9	31.3



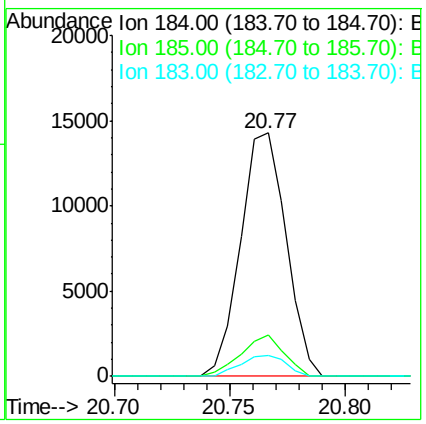


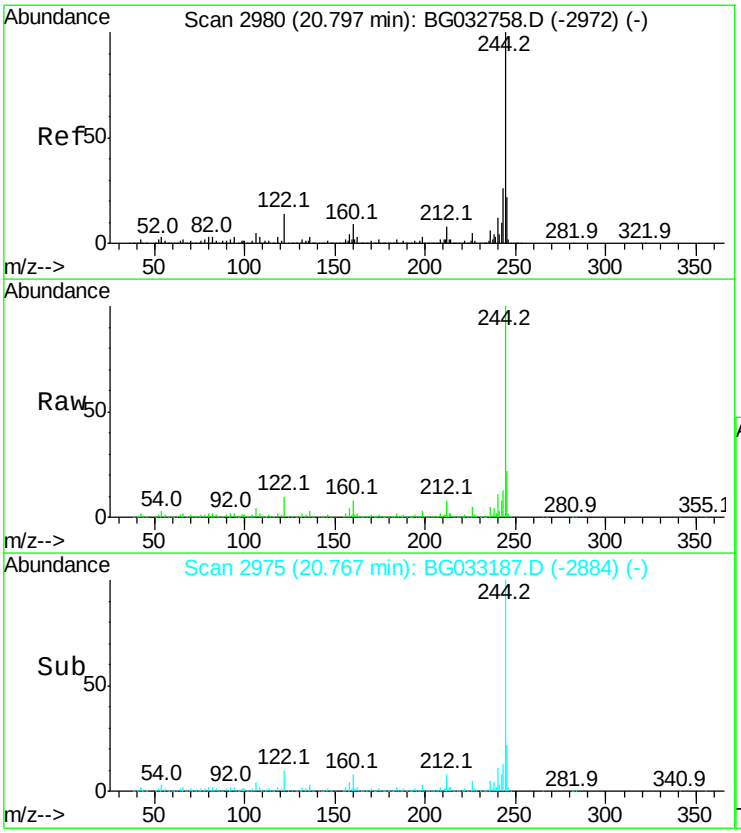
#76
Benzidine
Concen: 2.531 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.37 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19662

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	8.8	10.6	16.0#

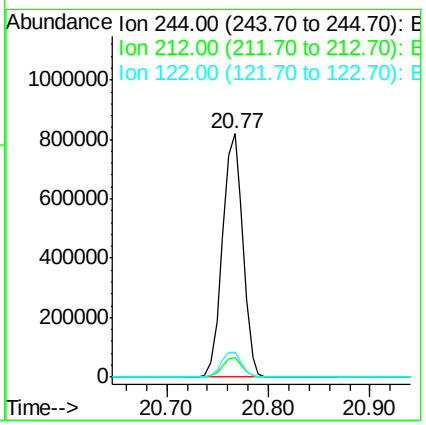


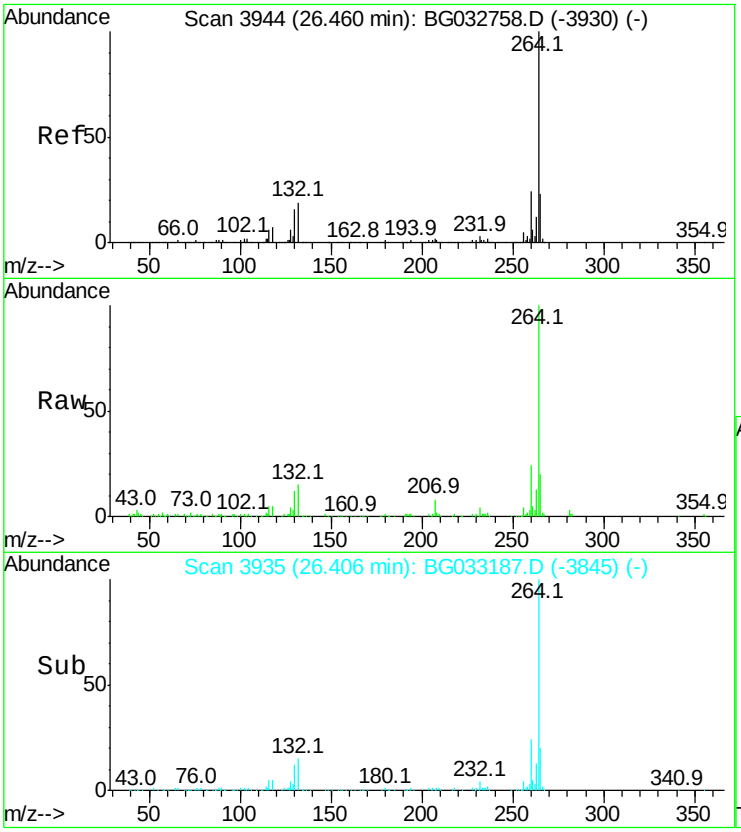


#78
Terphenyl-d14
Concen: 112.045 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Tgt Ion:244 Resp: 1136351

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033187.D
Acq: 15 Mar 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 247690

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.0	17.7	26.5