Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033720.D
Acq On : 10 Apr 2018 19:17
Operator : SJ/JU
Sample : J2280-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 11 03:17:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32137	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137592	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	100611	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	295571	20.00	ng	0.00
75) Chrysene-d12	22.55	240	345649	20.00	ng	0.00
86) Perylene-d12	26.30	264	370026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	298549	174.20	ng	0.00
7) Phenol-d6	7.97	99	385126	130.78	ng	0.00
23) Nitrobenzene-d5	10.06	82	326045	108.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	255586	169.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	743645	106.70	ng	0.00
78) Terphenyl-d14	20.73	244	1731870	107.15	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	5645	2.435	ng	# 35
19) n-Nitroso-di-n-propylamine	10.06	70	42536	19.713	ng	# 77
31) Naphthalene	11.78	128	14739	2.067	ng	# 95
50) 2,6-Dinitrotoluene	15.47	165	13093	7.313	ng	# 18
53) 2,4-Dinitrophenol	15.15	184	54	7.696	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13093	4.967	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	20422	5.883	ng	# 1
76) Benzidine	20.73	184	30379	3.241	ng	# 91

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

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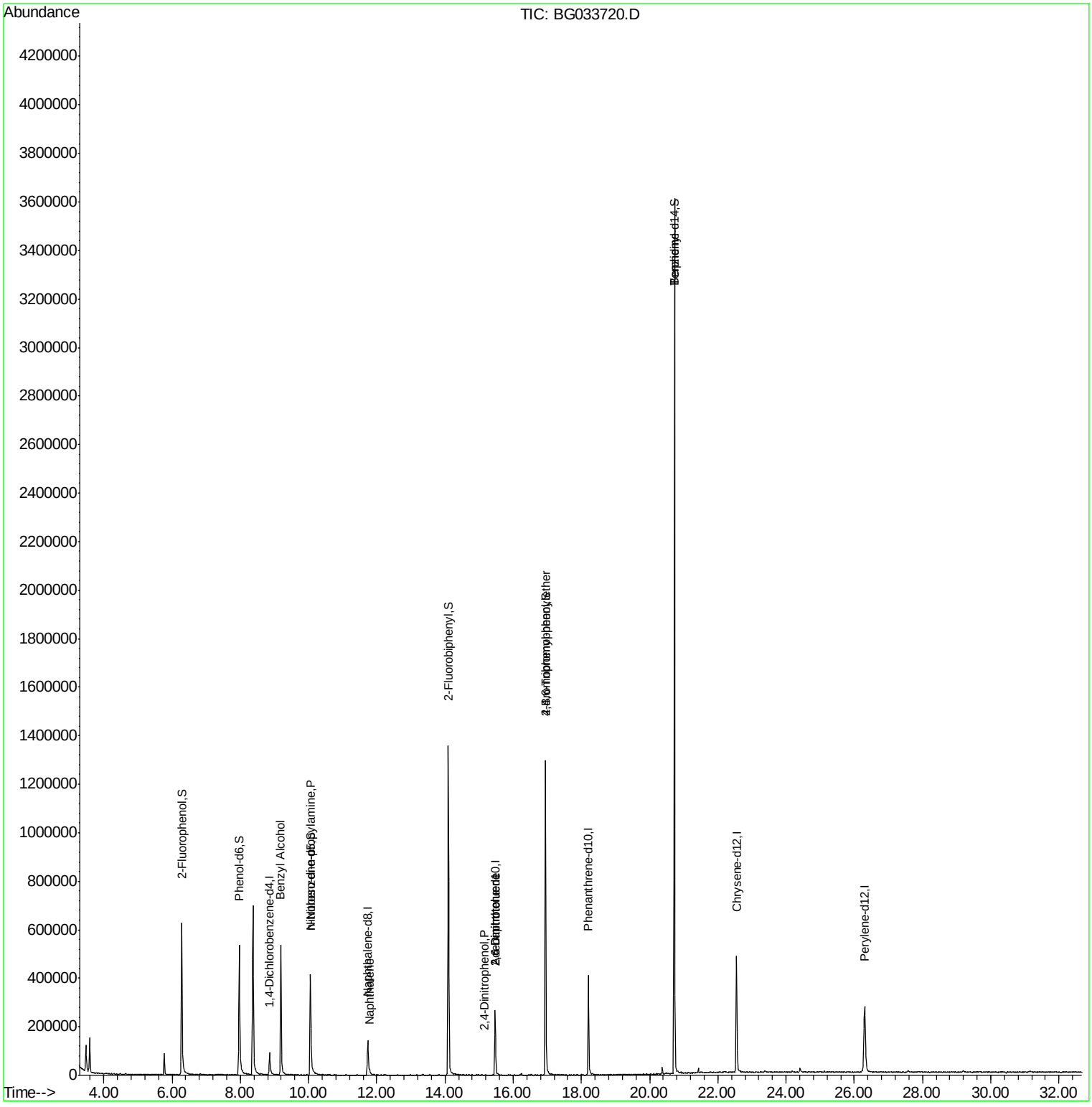
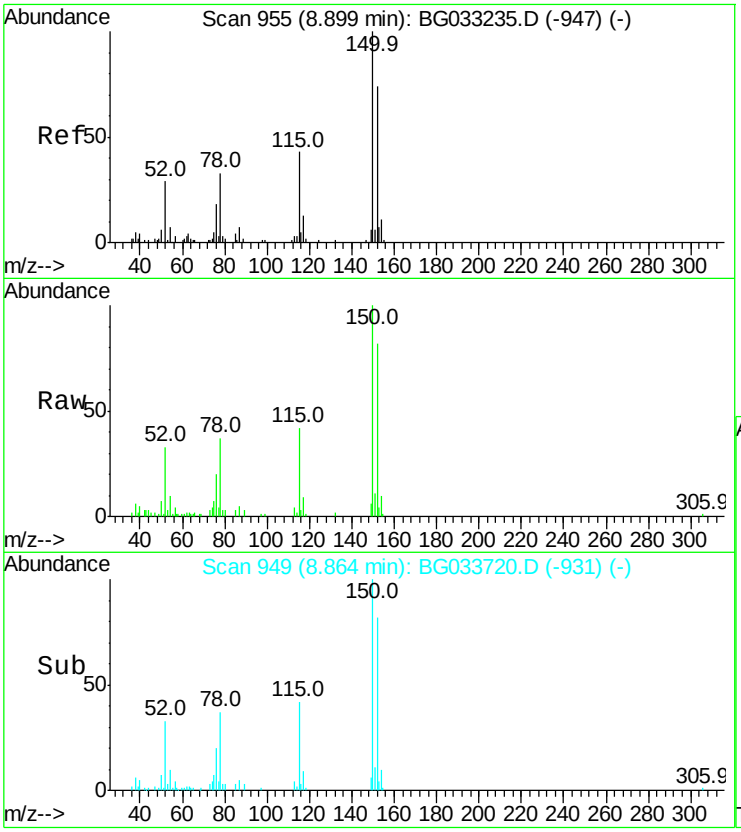


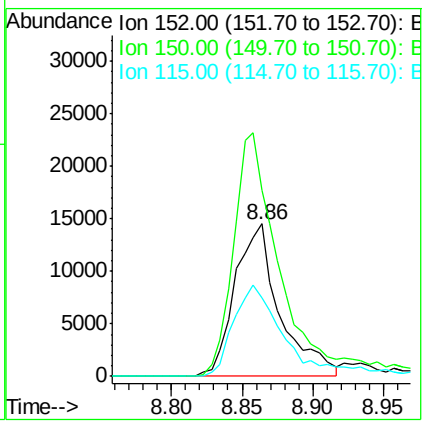


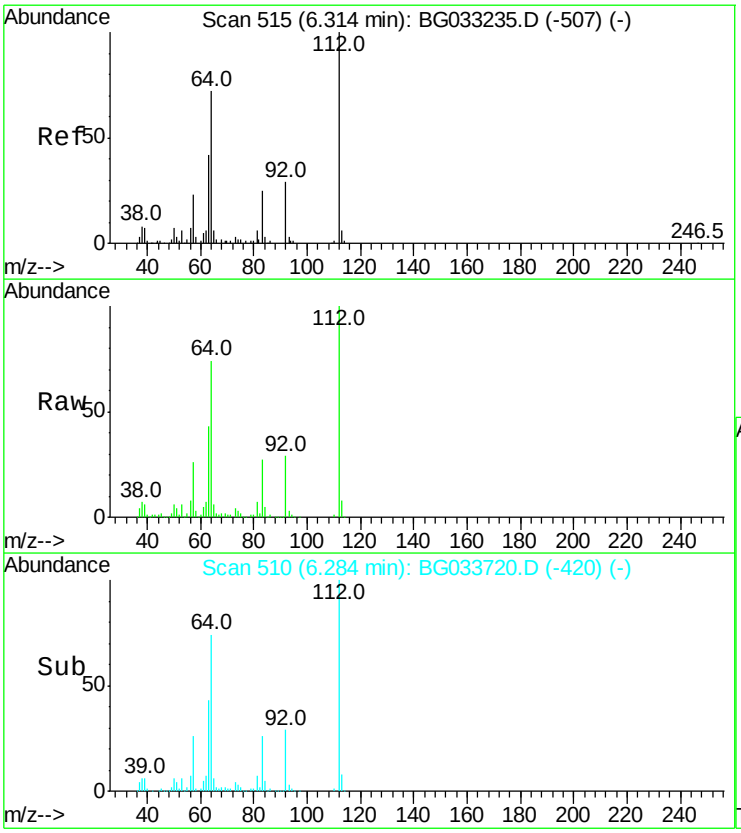
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32137

Ion	Ratio	Lower	Upper
152	100		
150	122.0	126.6	189.8#
115	51.7	53.0	79.4#

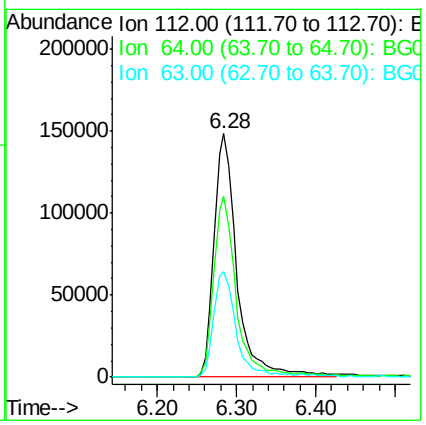


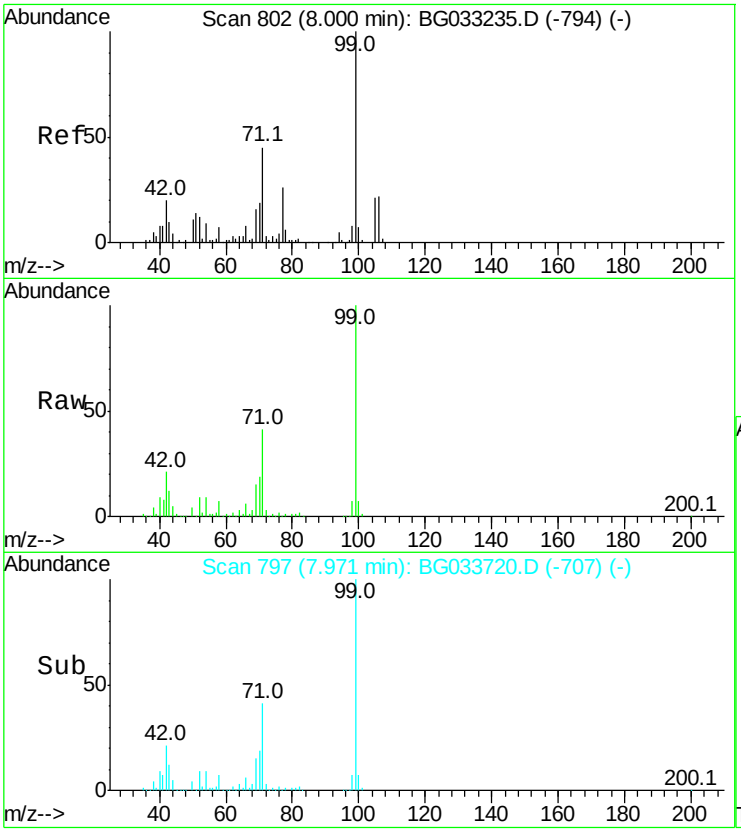


#5
2-Fluorophenol
Concen: 174.196 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:112 Resp: 298549

Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	43.5	30.1	45.1



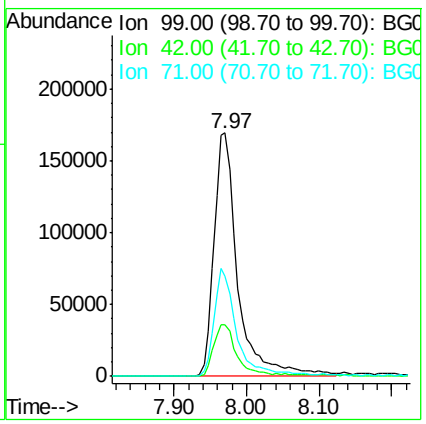


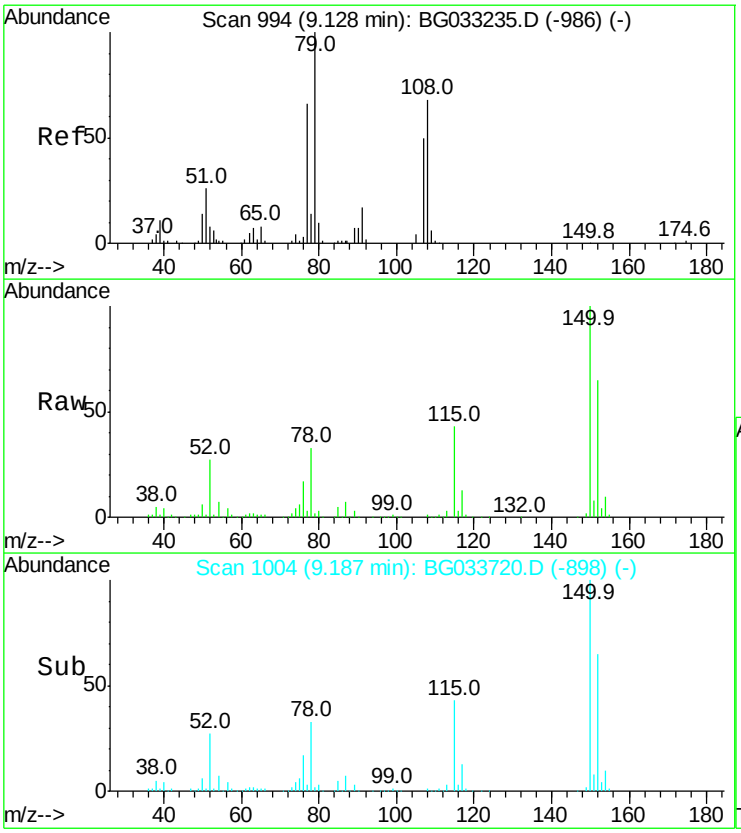
#7
Phenol-d6
Concen: 130.783 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 385126

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	41.3	26.1	39.1#

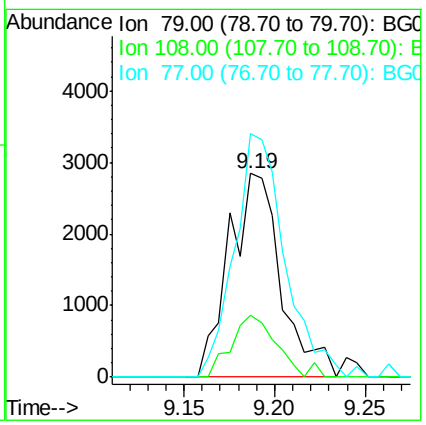


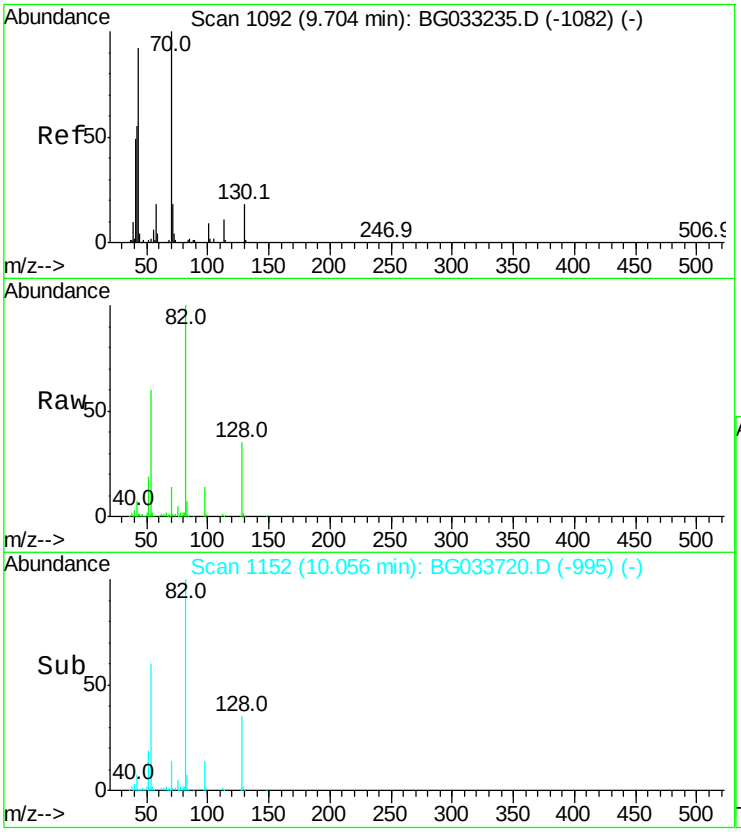


#15
Benzyl Alcohol
Concen: 2.435 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.09 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion: 79 Resp: 5645

Ion	Ratio	Lower	Upper
79	100		
108	30.3	57.2	85.8#
77	119.5	46.1	69.1#



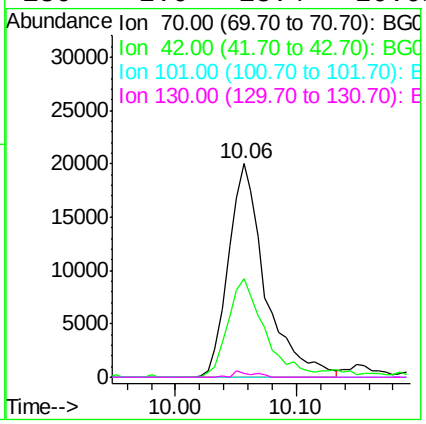


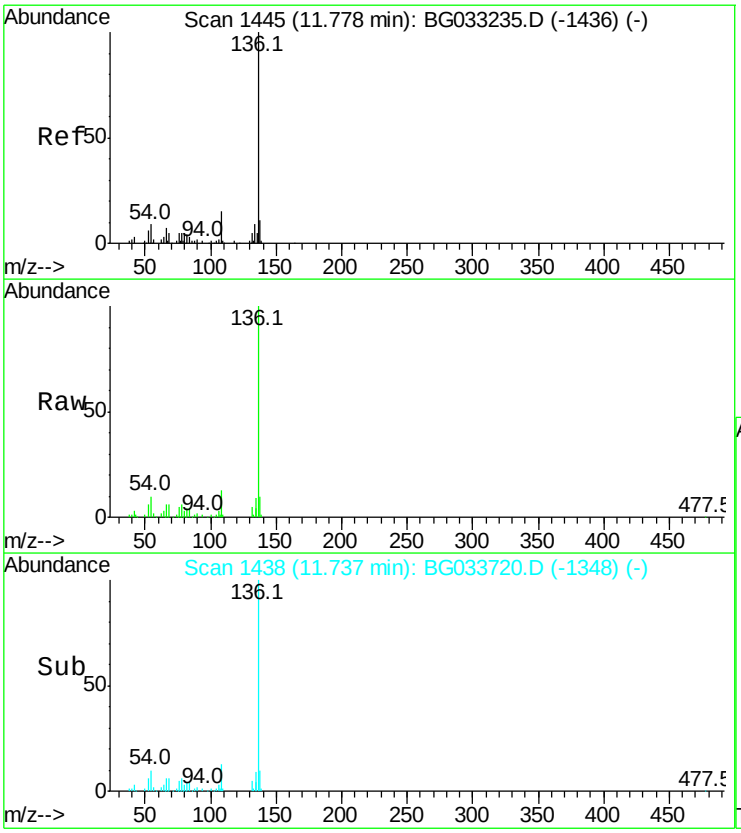
#19
n-Nitroso-di-n-propylamine
Concen: 19.713 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42536

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

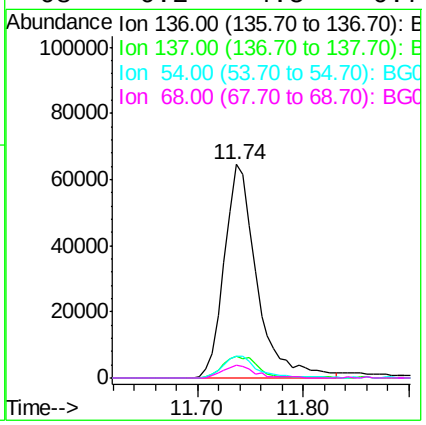


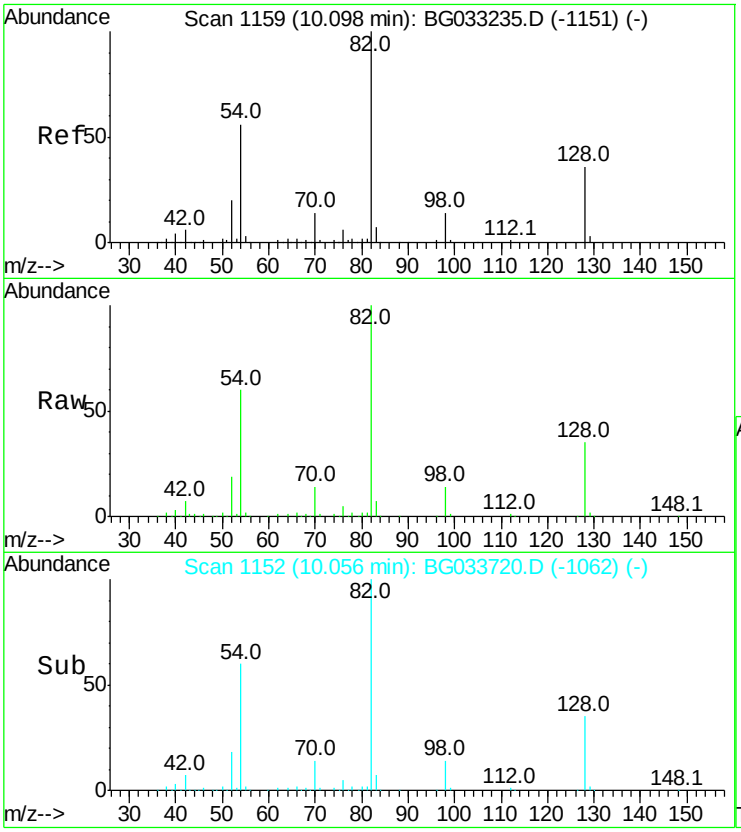


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:136 Resp: 137592

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	10.3	10.3	15.5#
68	6.2	4.5	6.7



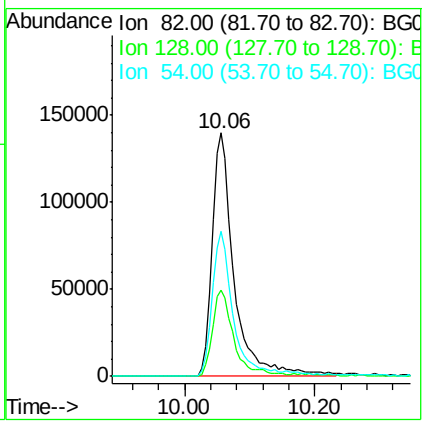


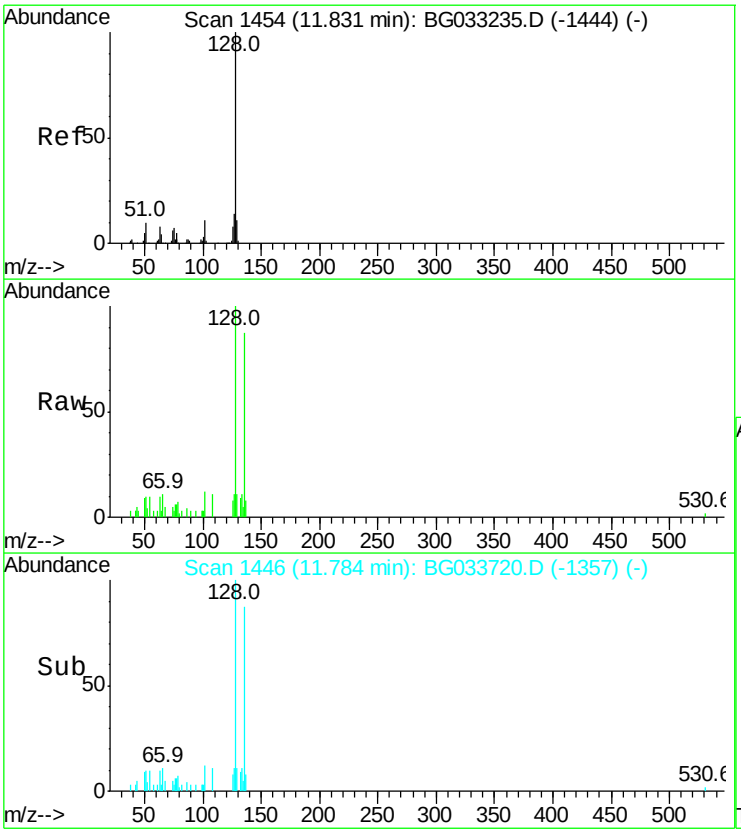
#23
Nitrobenzene-d5
Concen: 108.871 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 326045

Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	59.7	43.1	64.7

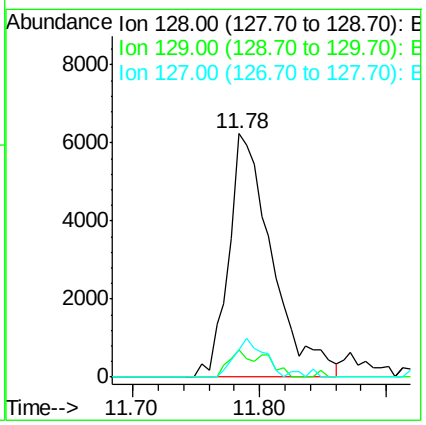


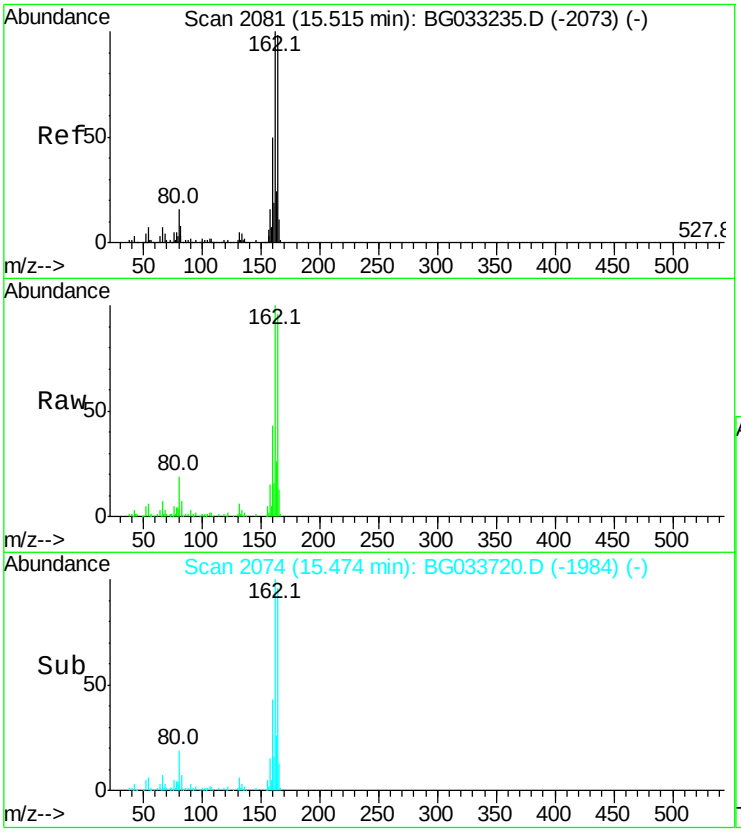


#31
Naphthalene
Concen: 2.067 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:128 Resp: 14739

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	11.1	11.6	17.4#



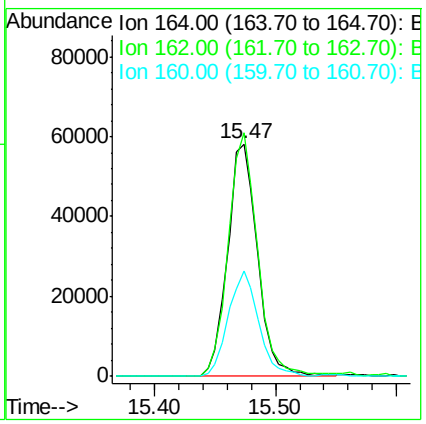


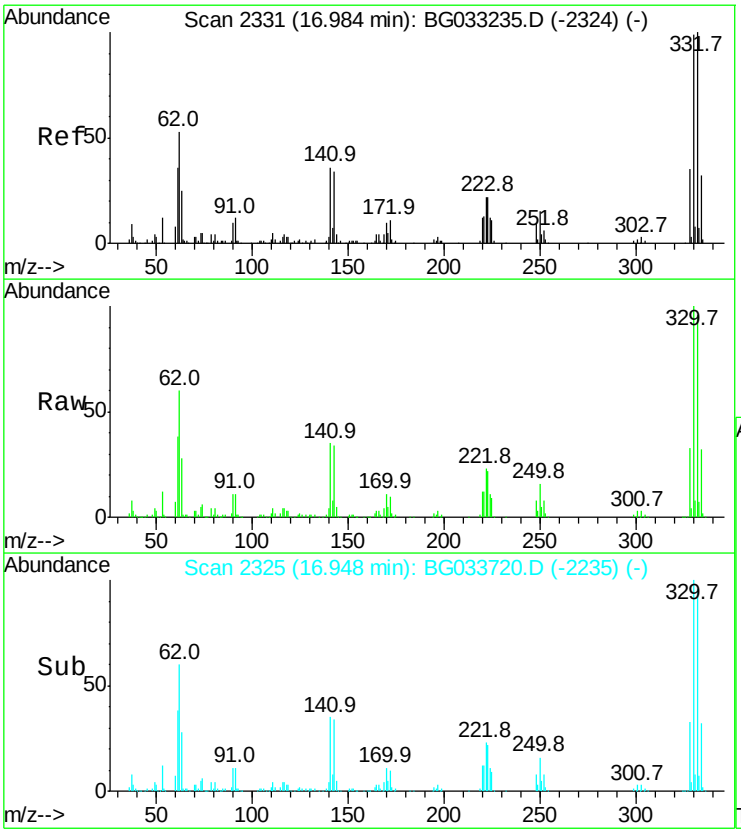
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 100611

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.2	35.4	53.0

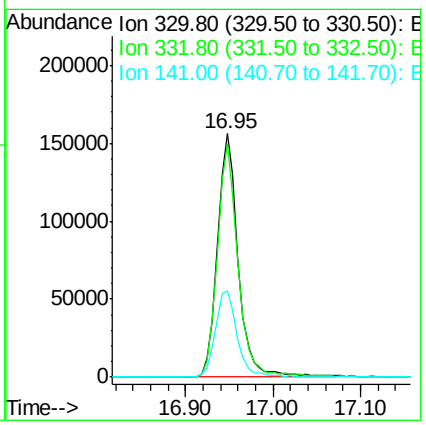


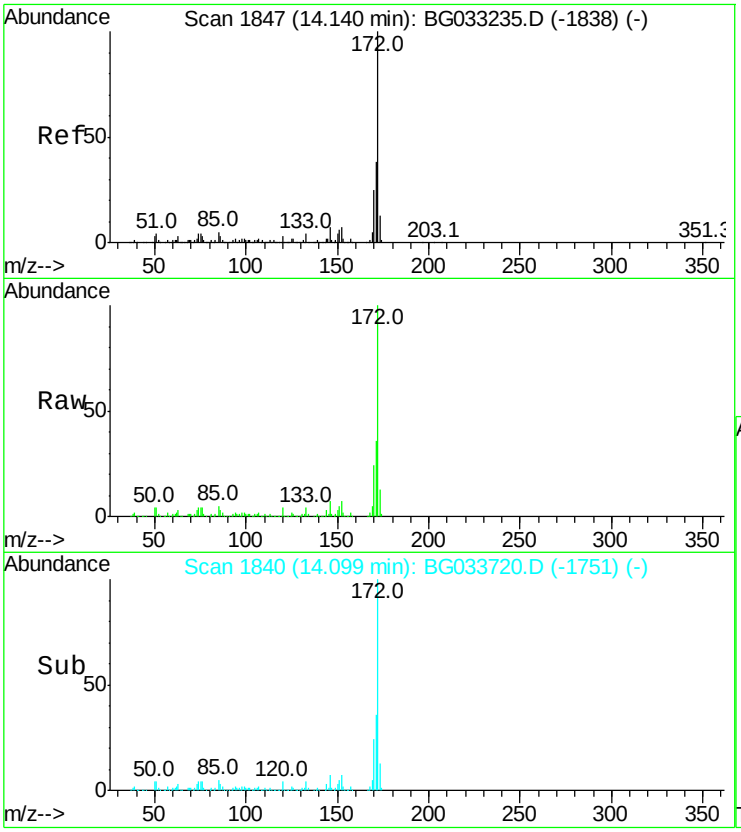


#41
2,4,6-Tribromophenol
Concen: 169.852 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:330 Resp: 255586

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.5	25.2	37.8



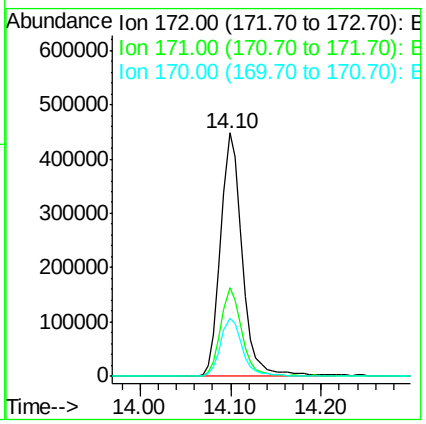


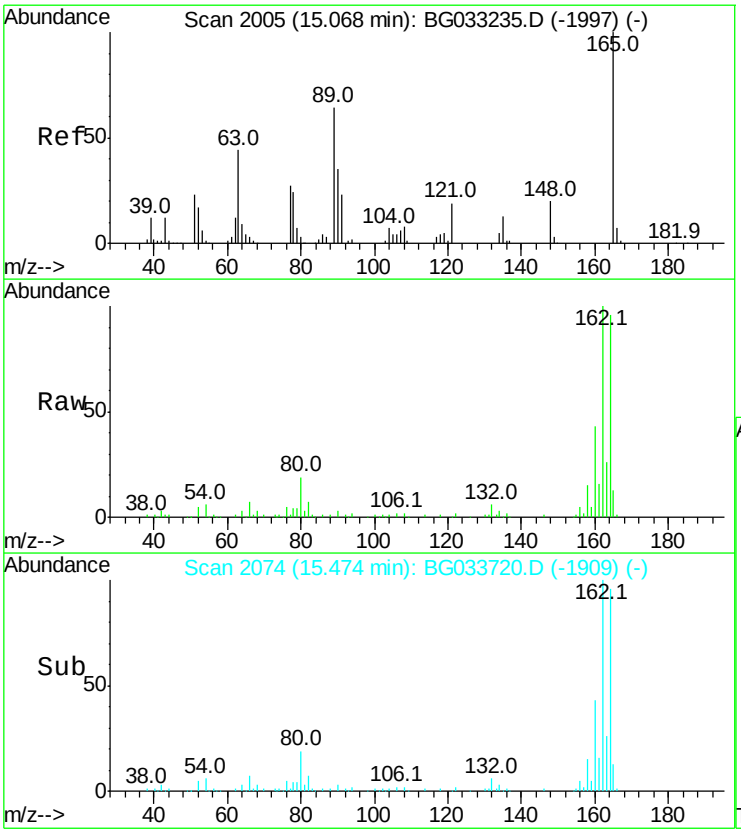
#44
2-Fluorobiphenyl
Concen: 106.703 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 743645

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.7	19.5	29.3

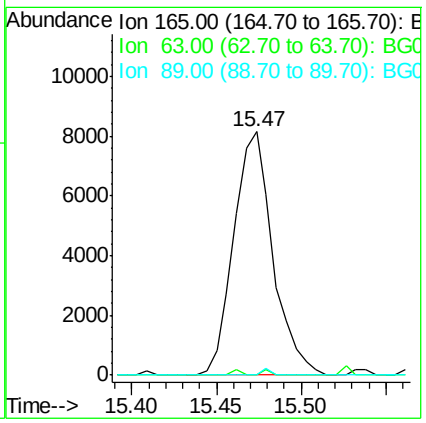


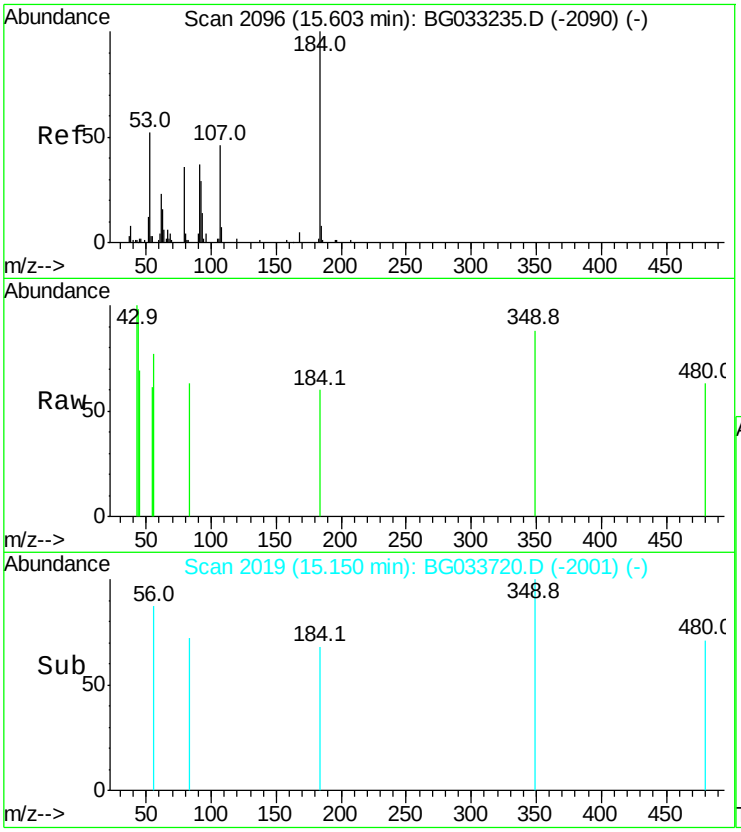


#50
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:165 Resp: 13093

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



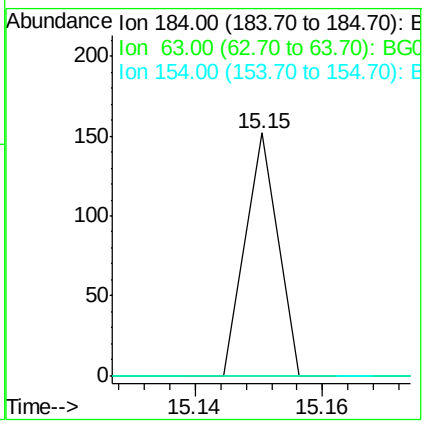


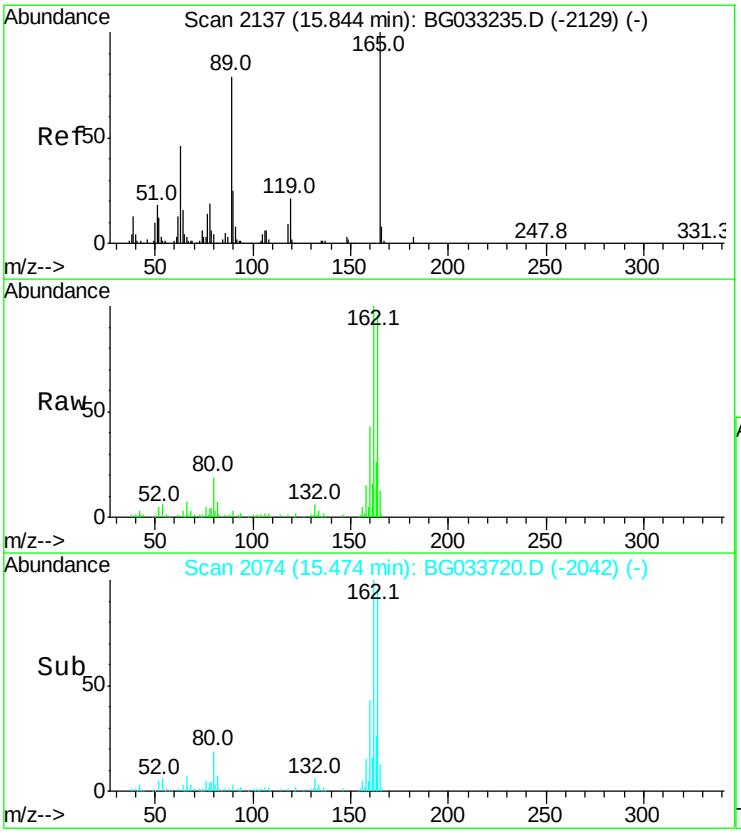
#53
2,4-Dinitrophenol
Concen: 7.696 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.42 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

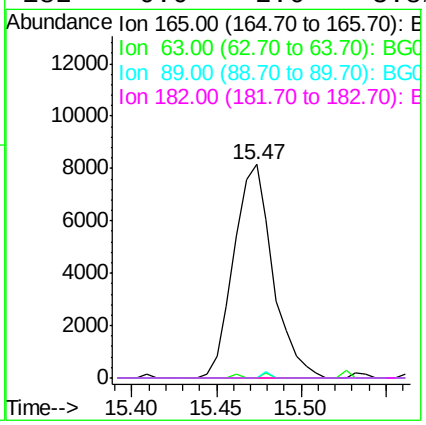


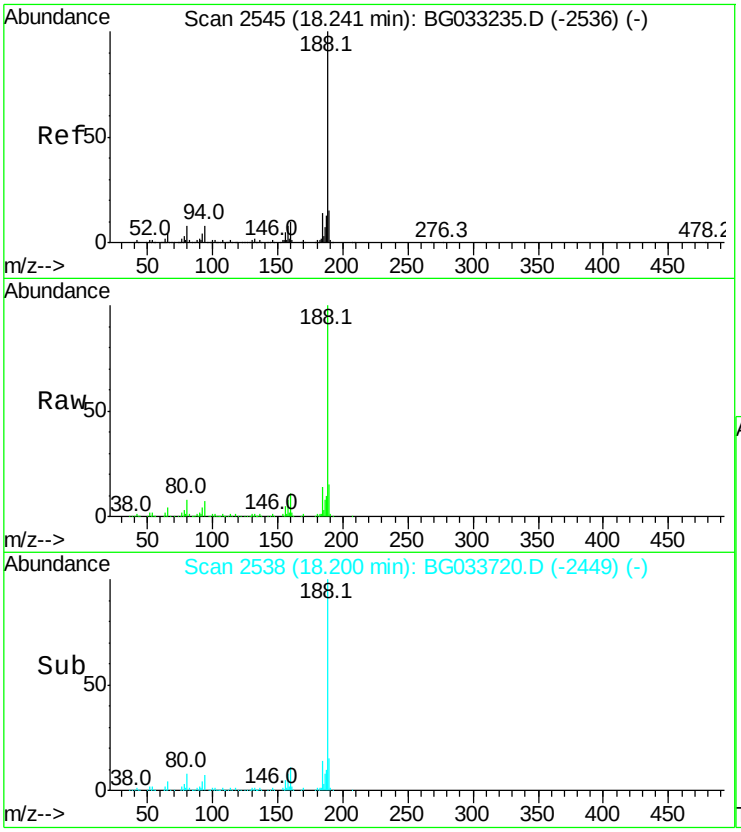


#56
2,4-Dinitrotoluene
Concen: 4.967 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:165 Resp: 13093

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#



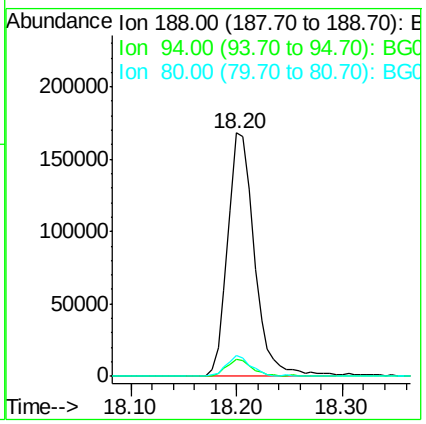


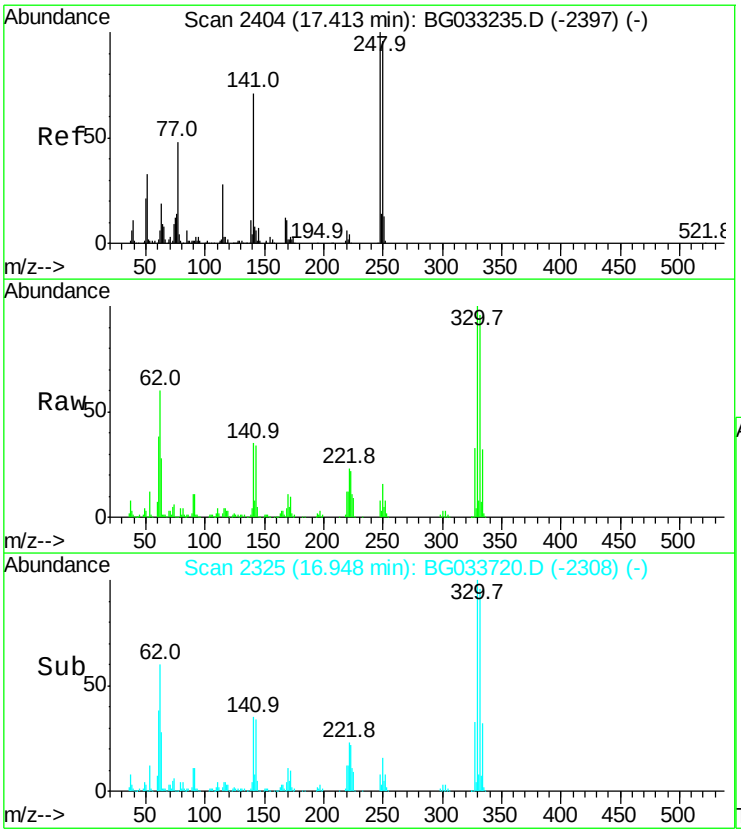
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 295571

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.3	7.7	11.5

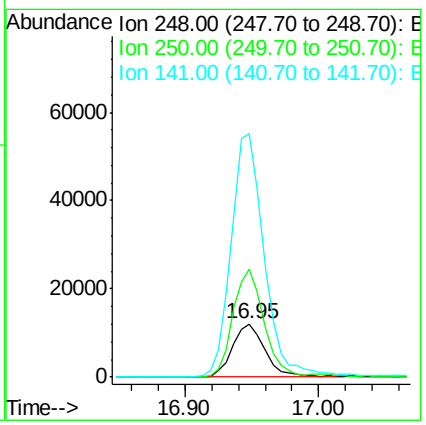


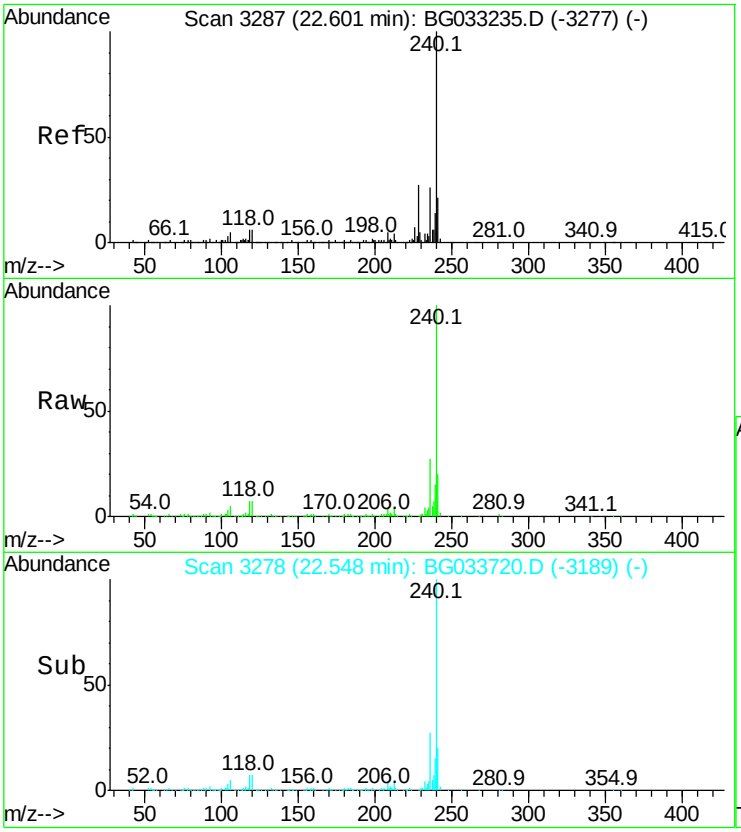


#66
4-Bromophenyl-phenylether
Concen: 5.883 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:248 Resp: 20422

Ion	Ratio	Lower	Upper
248	100		
250	202.5	77.1	115.7#
141	458.0	50.8	76.2#



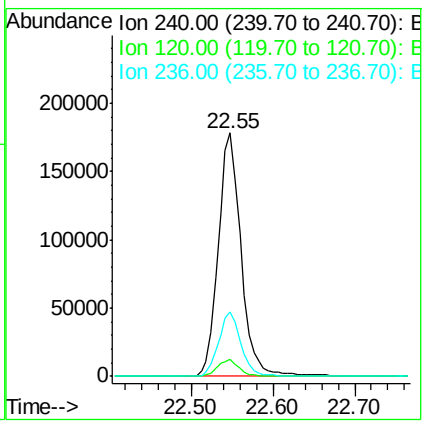


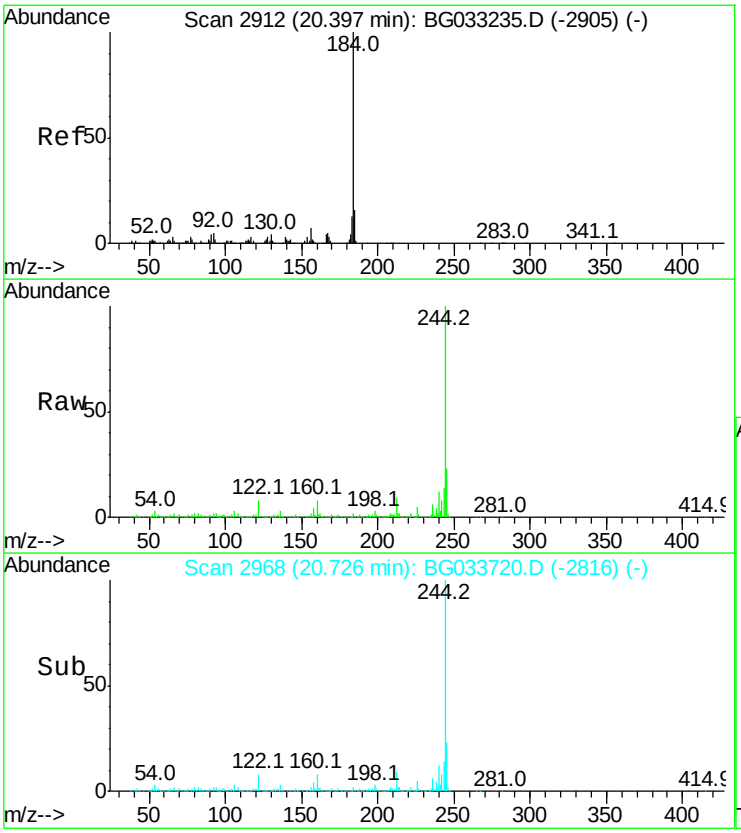
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 345649

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	26.7	20.9	31.3

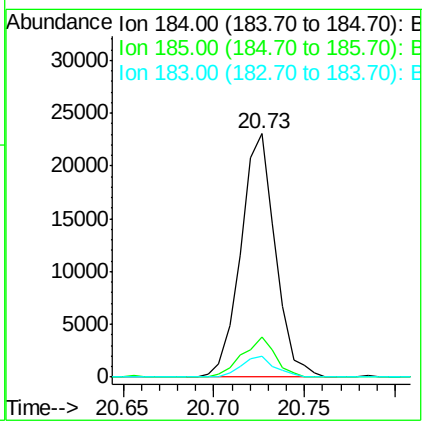


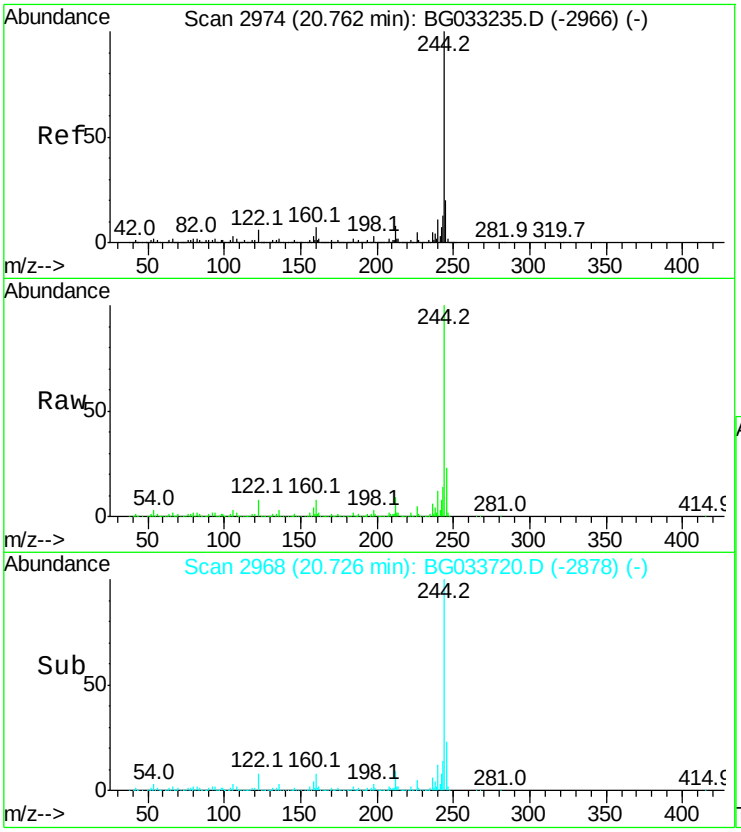


#76
Benzidine
Concen: 3.241 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:184 Resp: 30379

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	8.7	10.6	16.0#



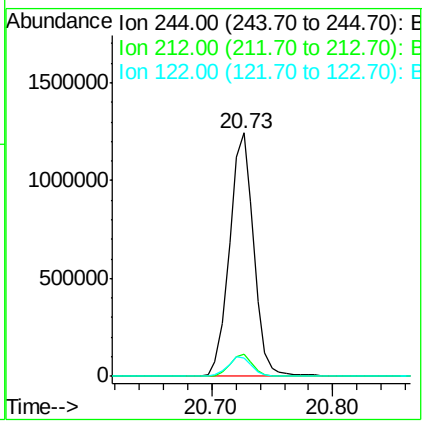


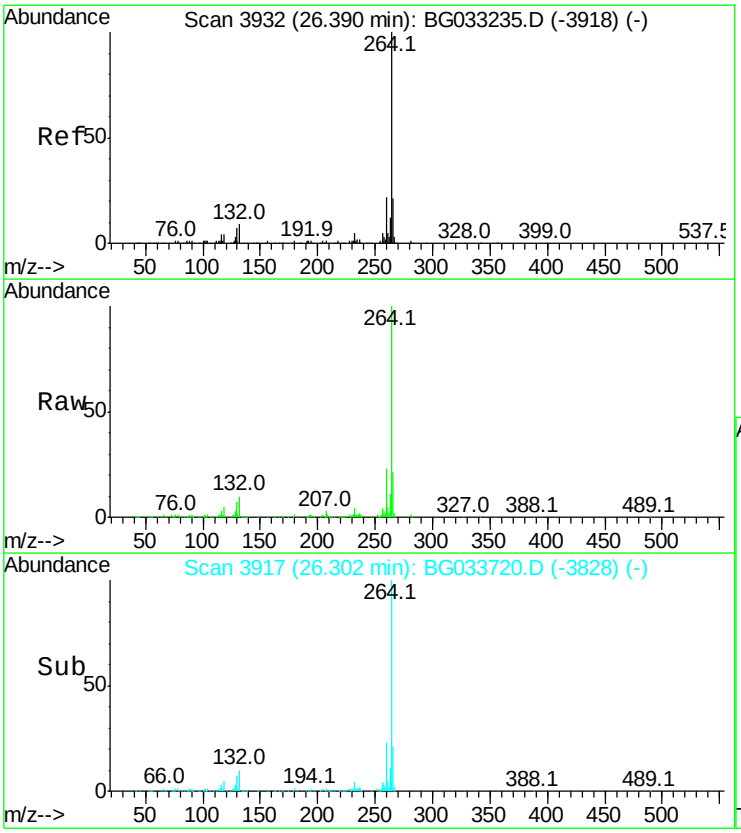
#78
Terphenyl-d14
Concen: 107.155 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1731870

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BG033720.D
Acq: 10 Apr 2018 19:17

Tgt Ion:264 Resp: 370026

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.5	17.7	26.5