Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
Data File : BG033355.D
Acq On : 27 Mar 2018 7:09
Operator : SJ/JU
Sample : J1760-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 27 07:54:43 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	43995	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	170265	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	136316	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	361405	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	382080	20.00	ng	-0.04
86) Perylene-d12	26.32	264	377889	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	305749	130.31	ng	-0.03
7) Phenol-d6	7.97	99	410408	101.80	ng	-0.03
23) Nitrobenzene-d5	10.06	82	329292	88.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	269566	132.22	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	797836	84.49	ng	-0.03
78) Terphenyl-d14	20.73	244	1540226	86.21	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.06	70	44107	14.931	ng	# 80
31) Naphthalene	11.80	128	60657	6.875	ng	# 92
50) 2,6-Dinitrotoluene	15.48	165	17540	7.231	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	17539	4.911	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20732	4.885	ng	# 1
76) Benzidine	20.73	184	24350	2.350	ng	# 96

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

Quantitation Report (Not Reviewed)

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Misc :
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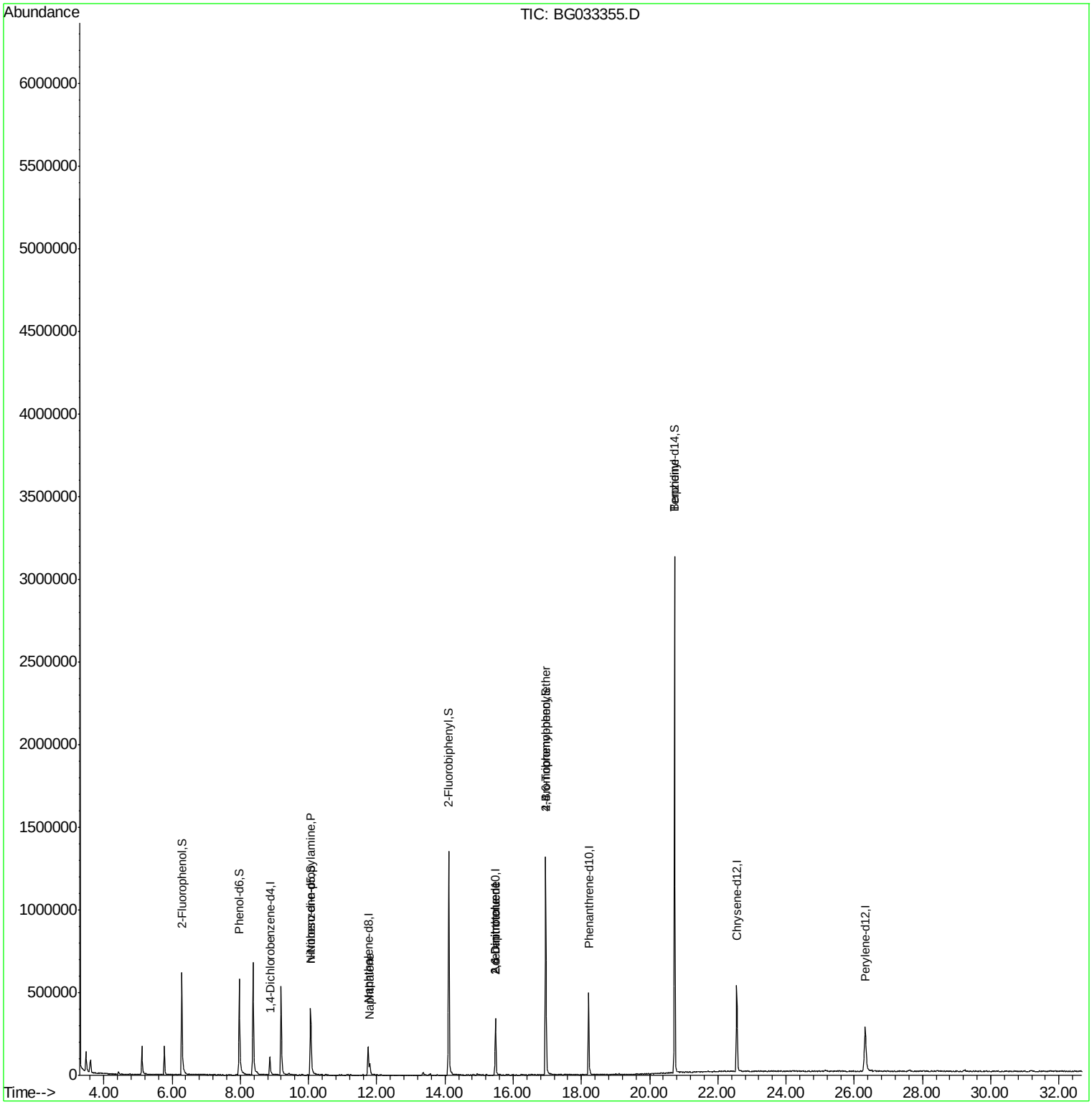
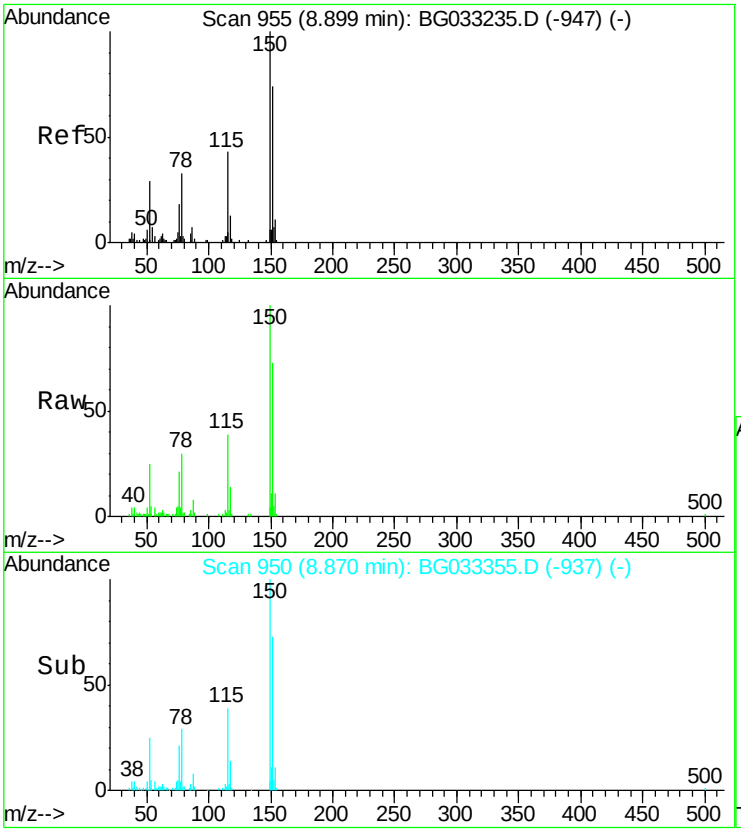


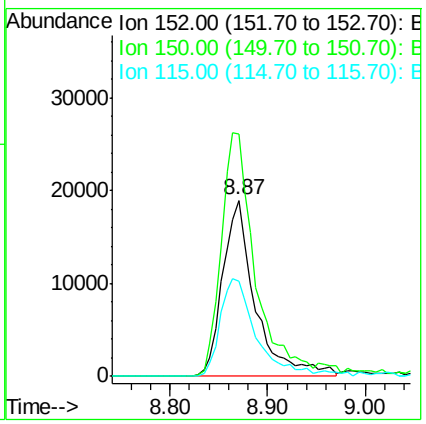


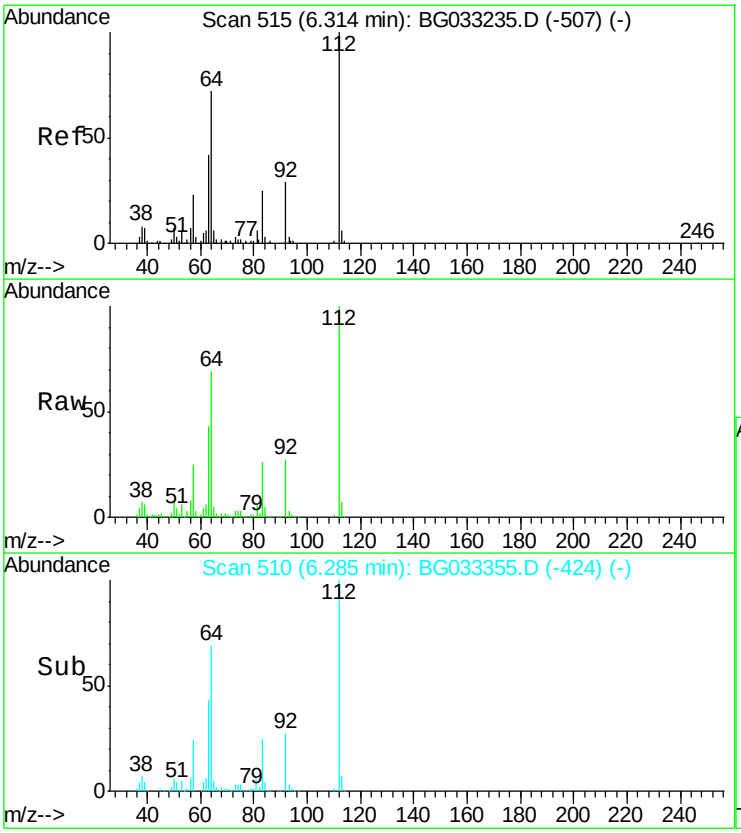
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43995

Ion	Ratio	Lower	Upper
152	100		
150	137.4	126.6	189.8
115	53.7	53.0	79.4

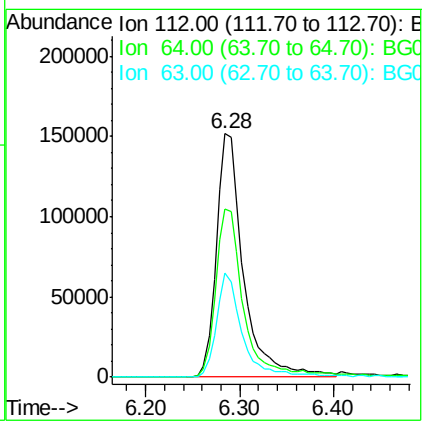


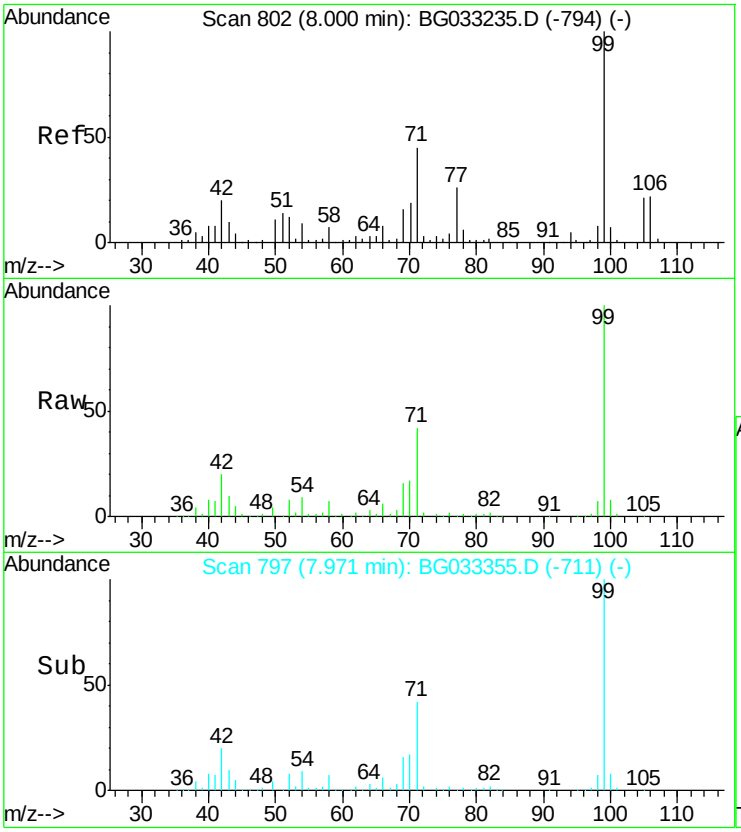


#5
2-Fluorophenol
Concen: 130.314 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:112 Resp: 305749

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.3	84.5
63	43.0	30.1	45.1



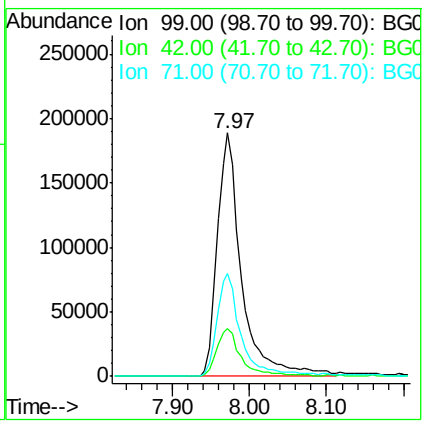


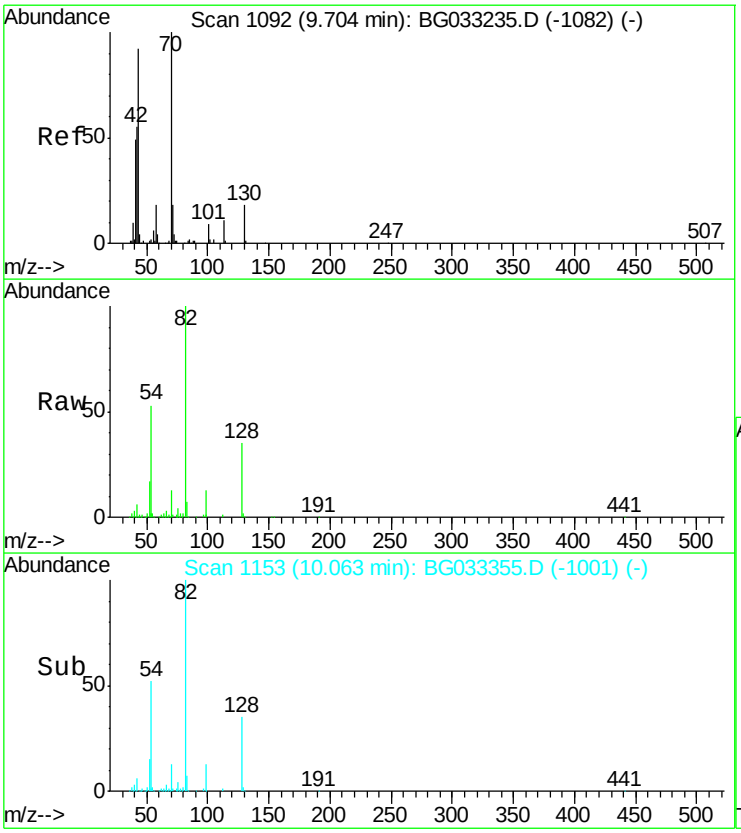
#7
Phenol-d6
Concen: 101.804 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 410408

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	42.0	26.1	39.1#

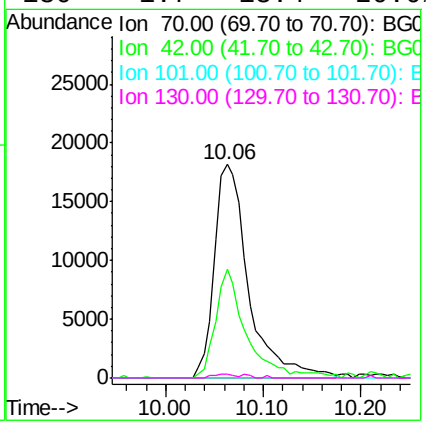


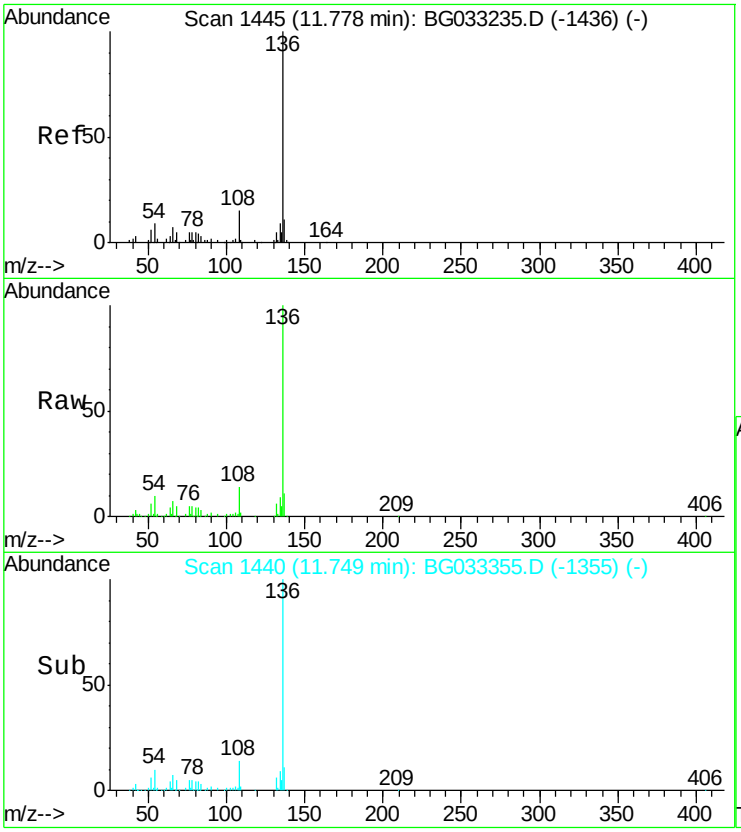


#19
n-Nitroso-di-n-propylamine
Concen: 14.931 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion: 70 Resp: 44107

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.1	73.7
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



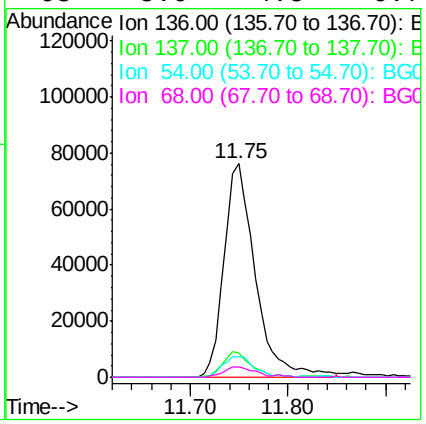


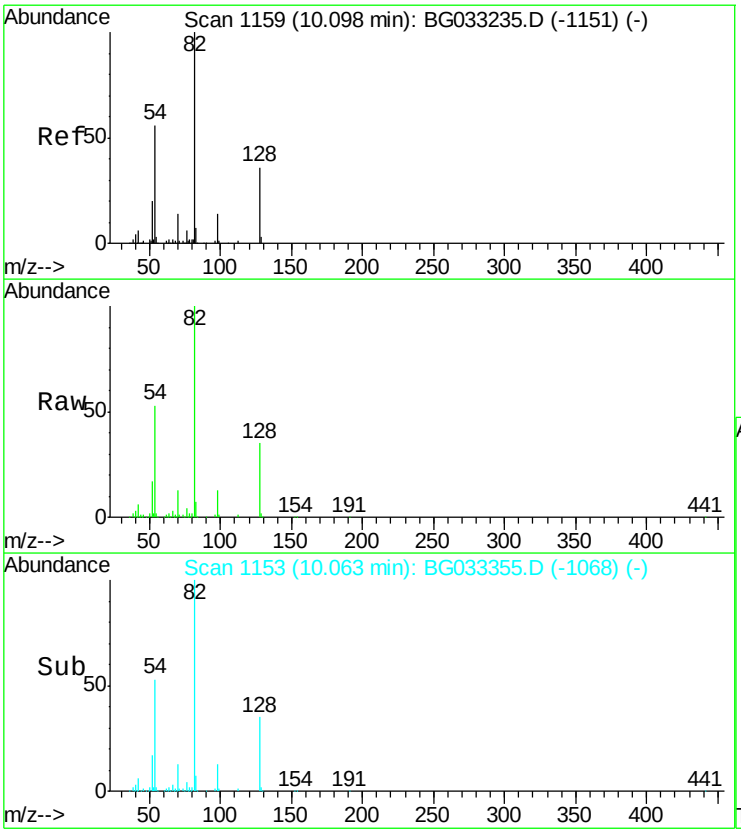
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 170265

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.3	10.3	15.5#
68	5.0	4.5	6.7

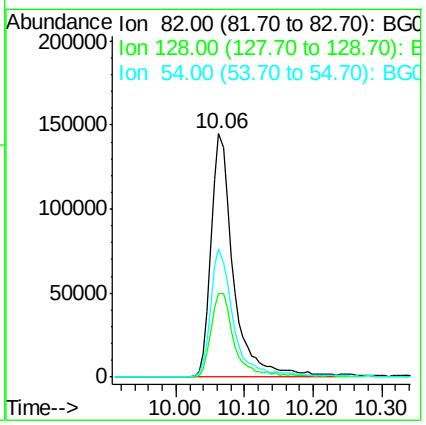


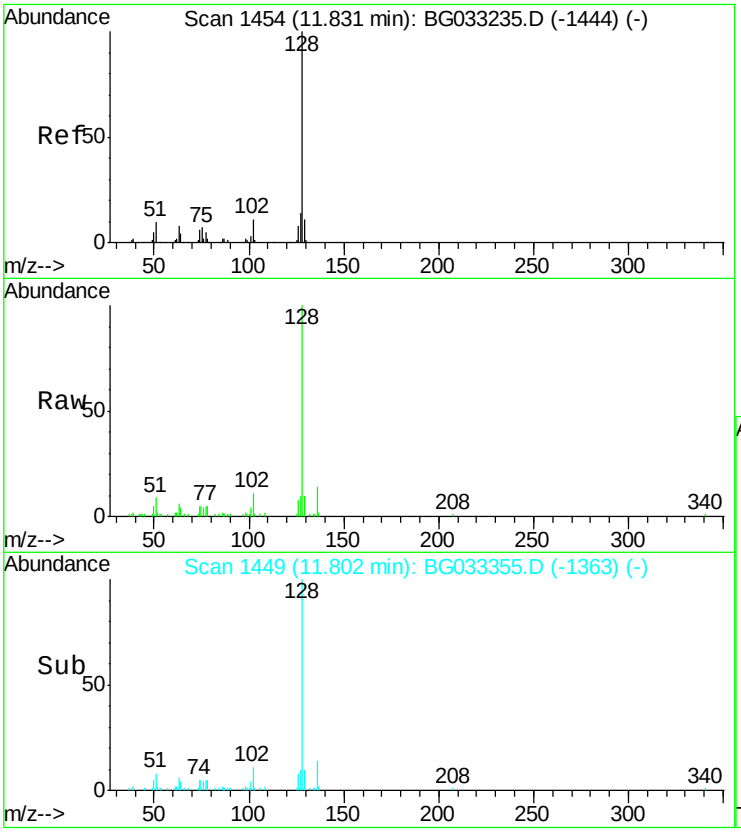


#23
Nitrobenzene-d5
Concen: 88.856 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion: 82 Resp: 329292

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	52.8	43.1	64.7



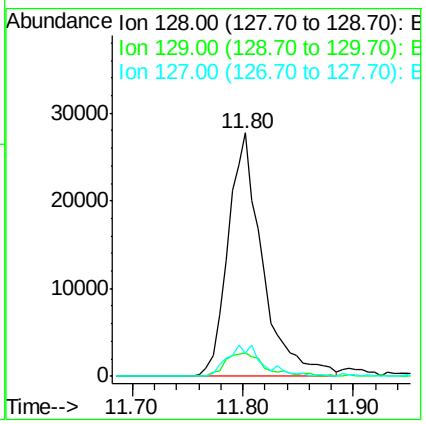


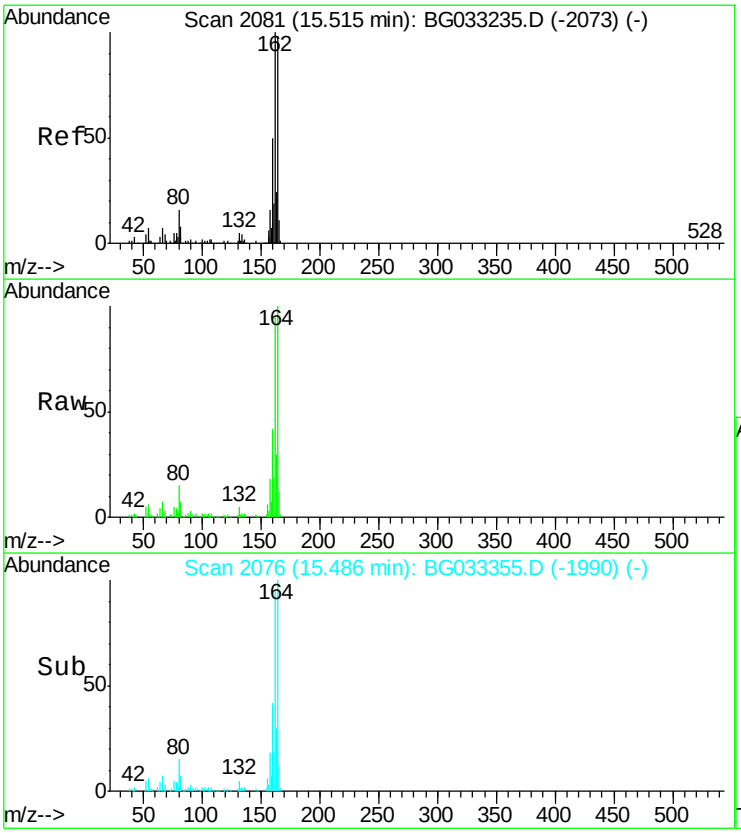
#31
Naphthalene
Concen: 6.875 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 60657

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.6	12.8
127	9.7	11.6	17.4#

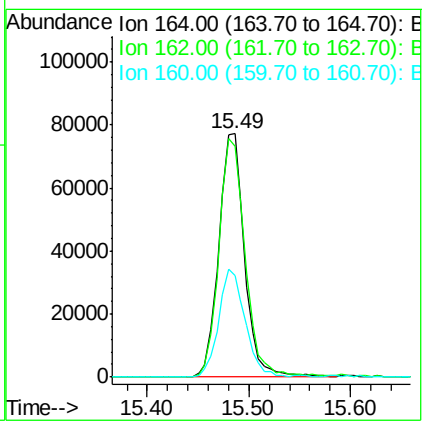


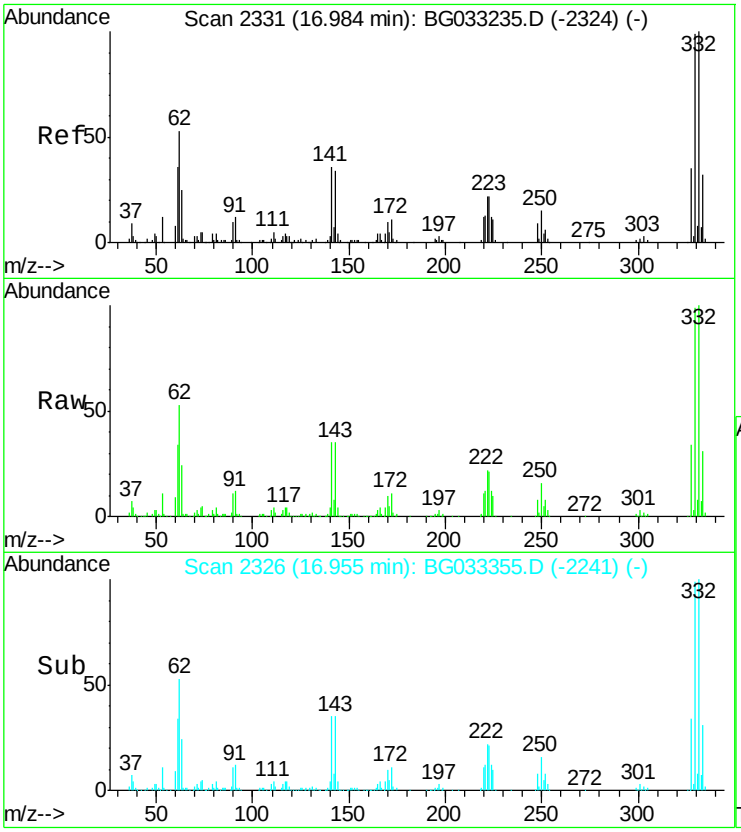


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:164 Resp: 136316

Ion	Ratio	Lower	Upper
164	100		
162	94.7	78.8	118.2
160	41.8	35.4	53.0



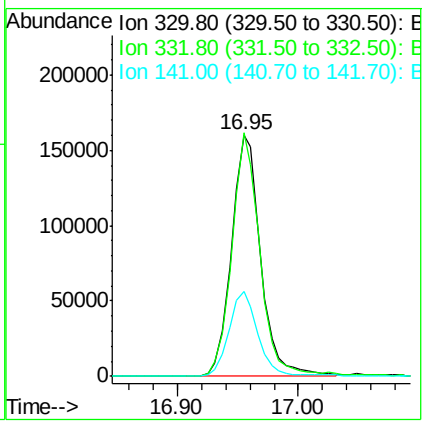


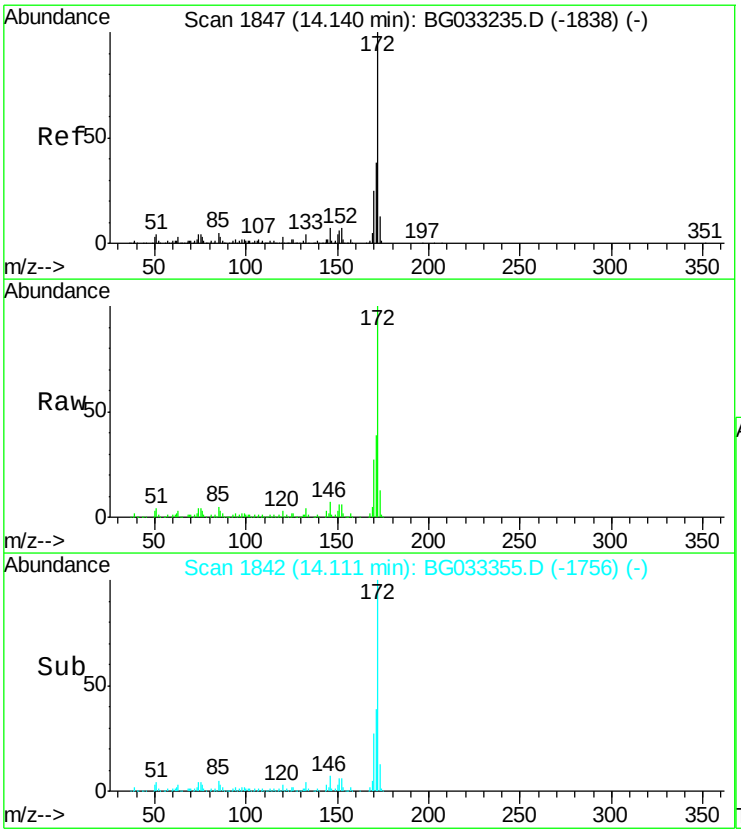
#41
2,4,6-Tribromophenol
Concen: 132.220 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 269566

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	35.4	25.2	37.8

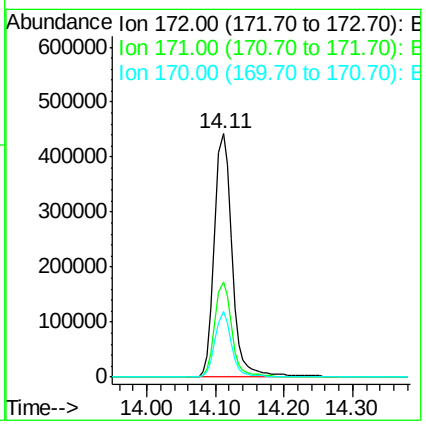


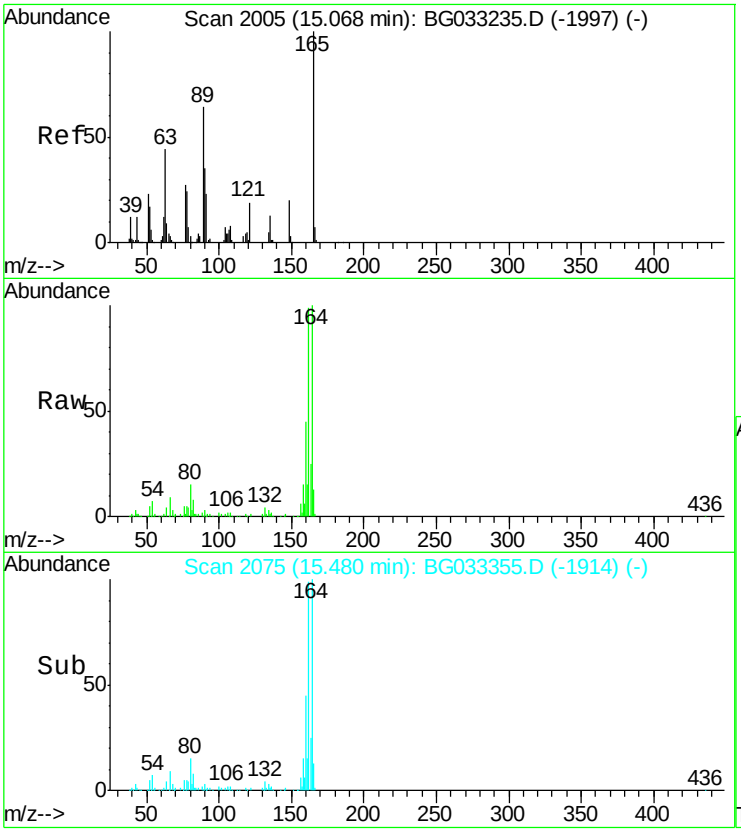


#44
2-Fluorobiphenyl
Concen: 84.494 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:172 Resp: 797836

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	26.9	19.5	29.3



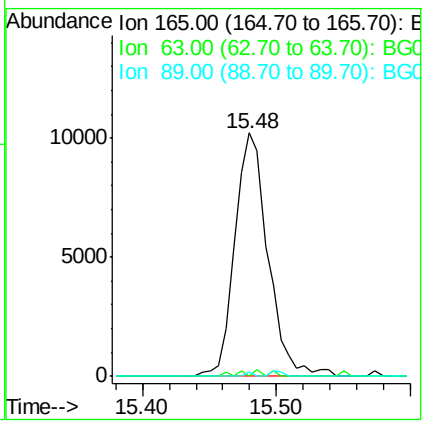


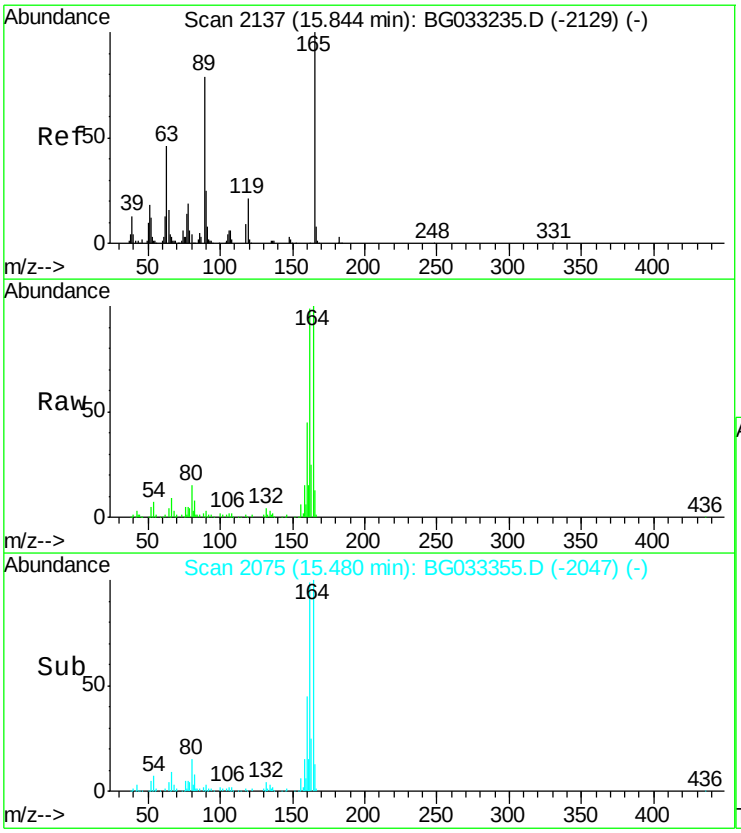
#50
2,6-Dinitrotoluene
Concen: 7.231 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.41 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17540

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#

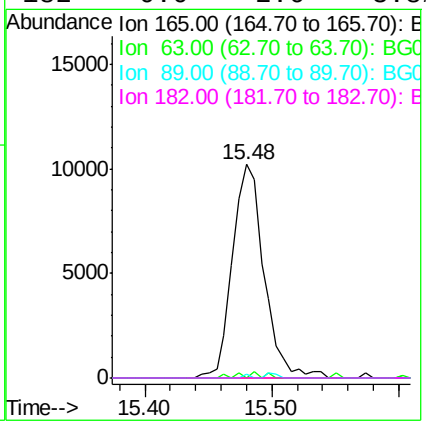


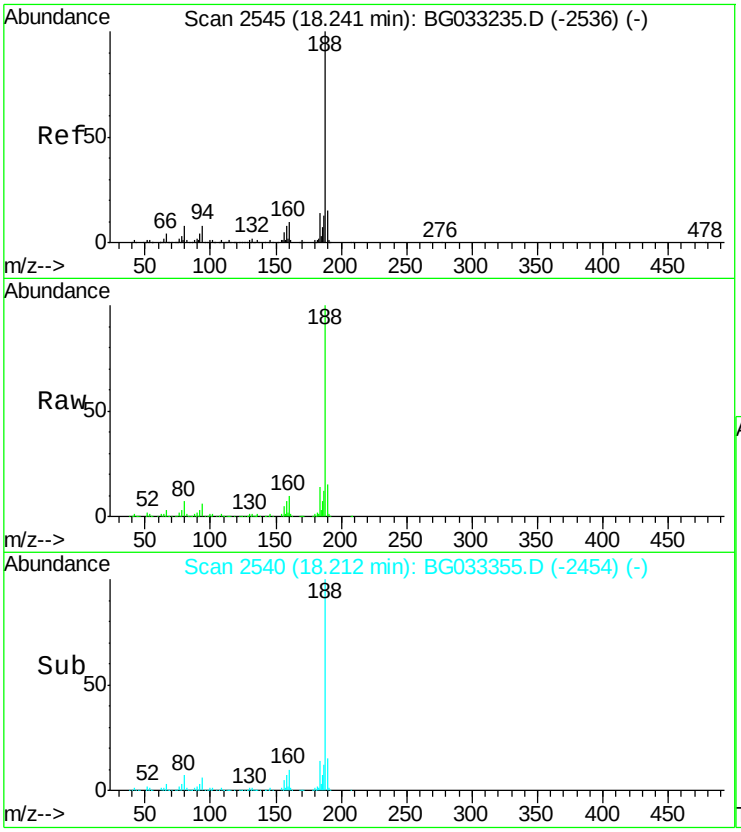


#56
2,4-Dinitrotoluene
Concen: 4.911 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.37 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:165 Resp: 17539

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



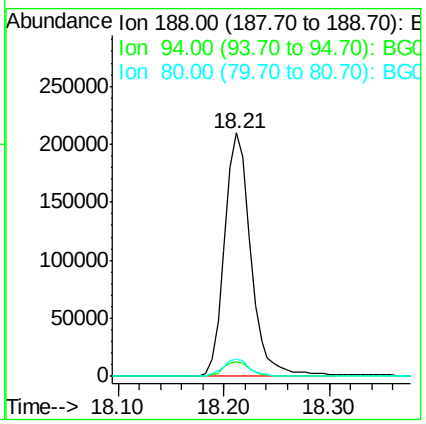


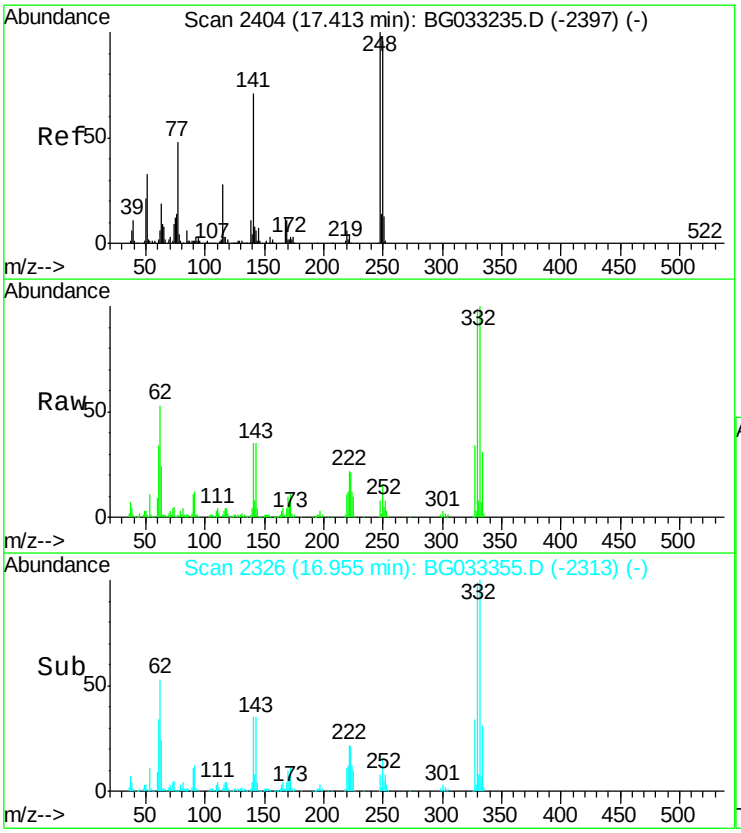
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 361405

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.0	7.7	11.5#

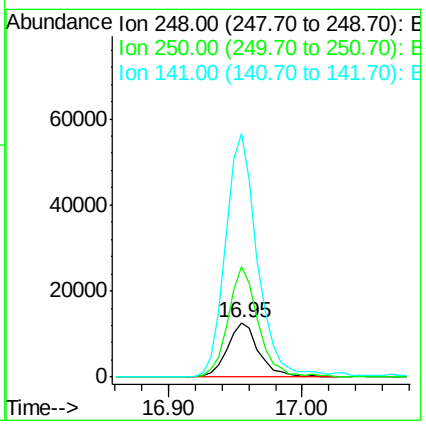


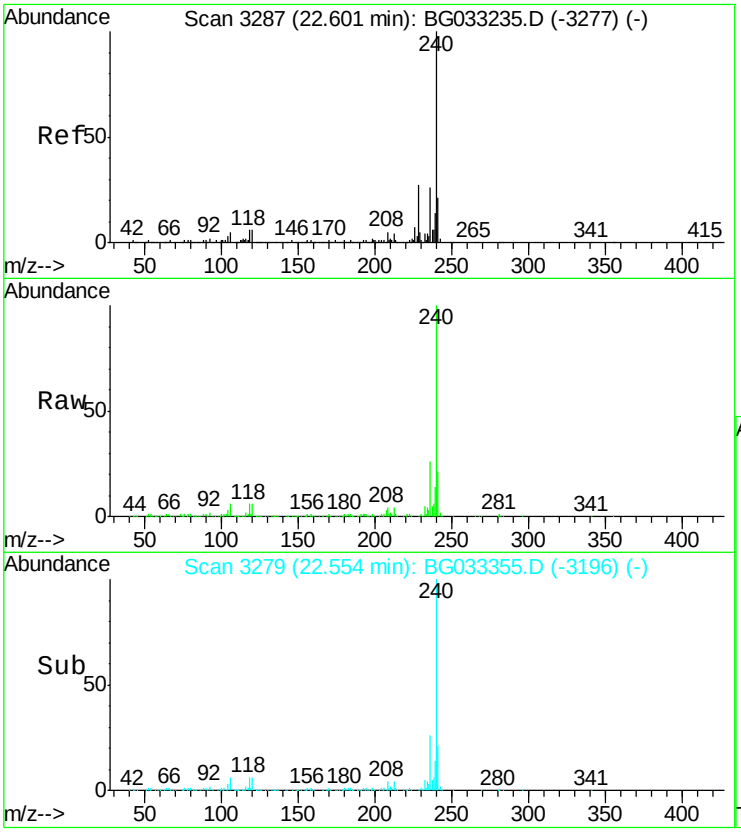


#66
4-Bromophenyl-phenylether
Concen: 4.885 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.46 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:248 Resp: 20732

Ion	Ratio	Lower	Upper
248	100		
250	204.0	77.1	115.7#
141	447.9	50.8	76.2#



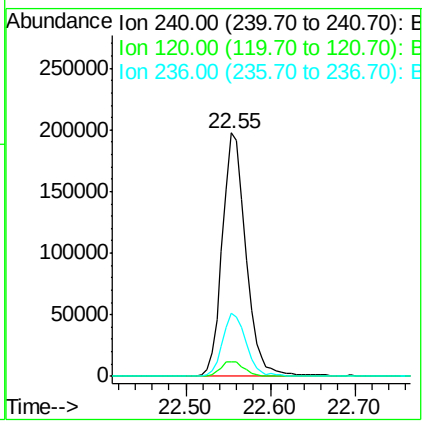


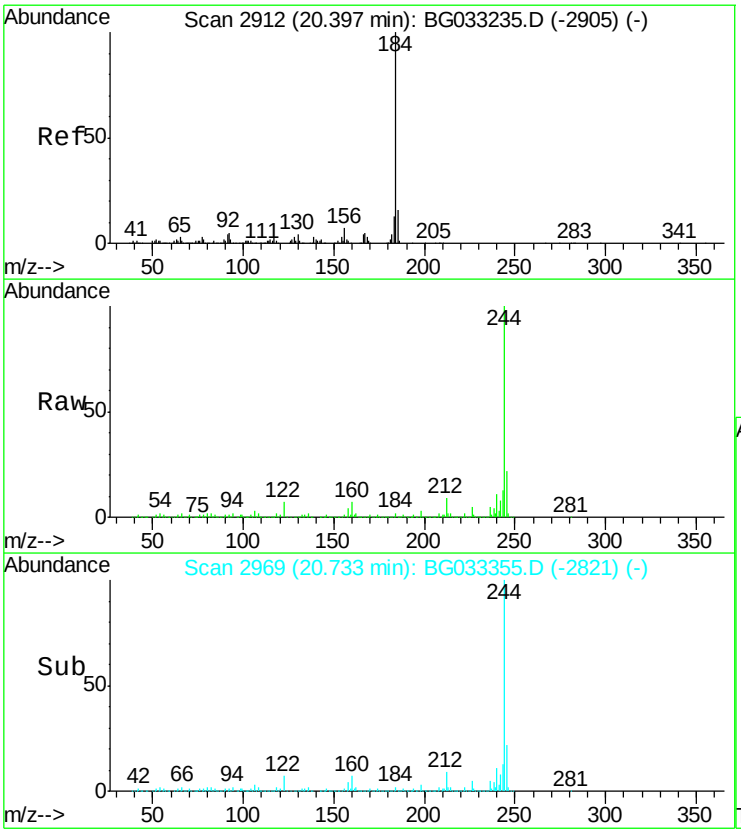
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 382080

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.8	20.9	31.3

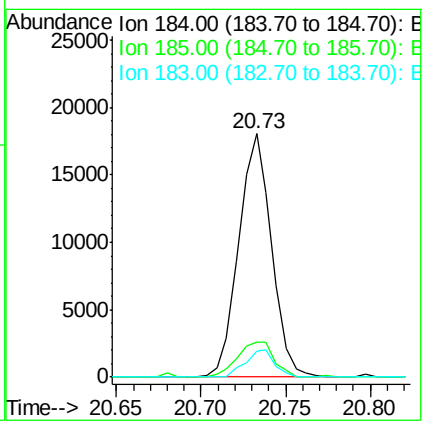


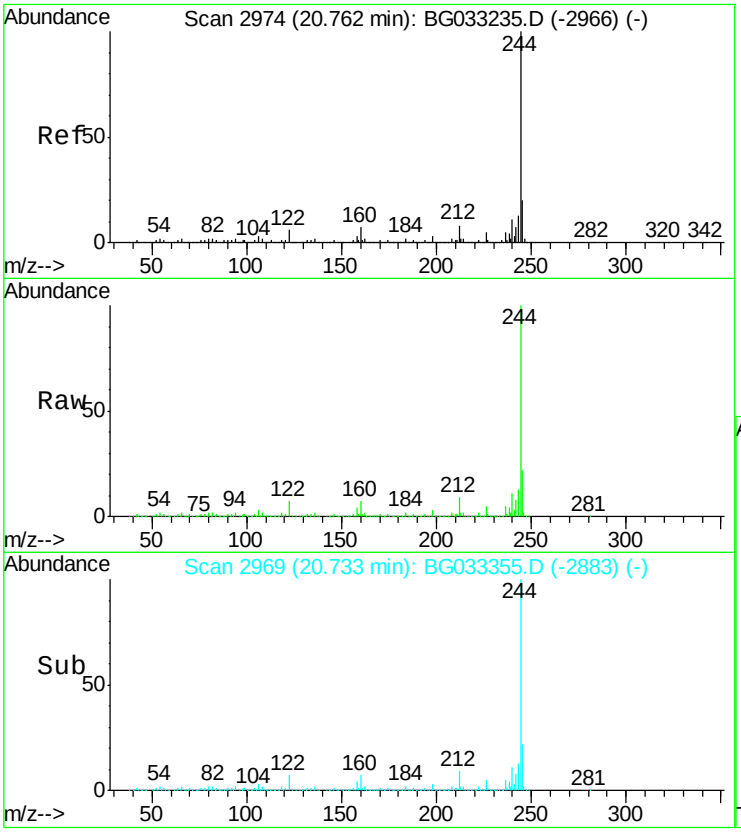


#76
Benzidine
Concen: 2.350 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:184 Resp: 24350

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	10.6	10.6	16.0#



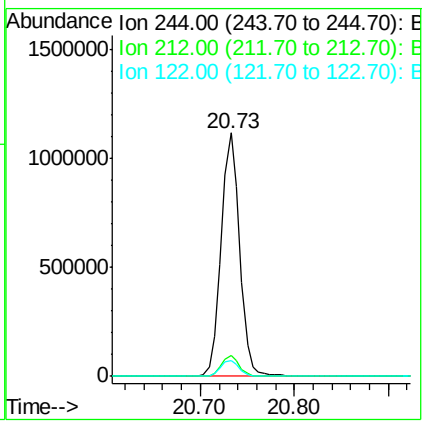


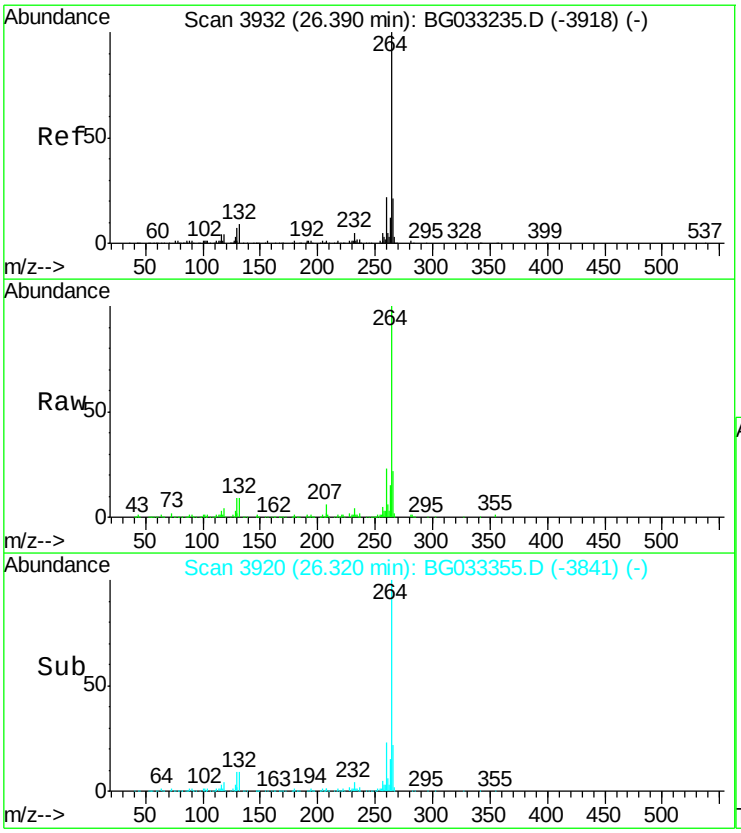
#78
Terphenyl-d14
Concen: 86.211 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1540226

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033355.D
Acq: 27 Mar 2018 7:09

Tgt Ion:264 Resp: 377889

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.3	17.7	26.5