Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032517.D
Acq On : 2 Feb 2018 18:16
Operator : SJ/JU
Sample : J1431-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 02 21:52:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22214	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	89549	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	67496	20.00	ng		-0.02
63) Phenanthrene-d10	18.08	188	195965	20.00	ng		-0.01
75) Chrysene-d12	22.40	240	265944	20.00	ng		-0.02
86) Perylene-d12	26.08	264	278903	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	142448	128.80	ng		0.00
7) Phenol-d6	7.83	99	161090	109.15	ng		0.00
23) Nitrobenzene-d5	9.91	82	123490	86.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	175923	136.93	ng		-0.02
44) 2-Fluorobiphenyl	13.97	172	489456	86.19	ng		-0.02
78) Terphenyl-d14	20.61	244	1203219	96.91	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.90	70	18683	19.093	ng	#	83
31) Naphthalene	11.64	128	19064	4.359	ng		97
32) Benzoic acid	10.82	122	60	7.340	ng	#	1
50) 2,6-Dinitrotoluene	15.34	165	8302	6.356	ng	#	18
56) 2,4-Dinitrotoluene	15.34	165	8302	4.464	ng	#	16
66) 4-Bromophenyl-phenylether	16.82	248	14050	4.839	ng	#	1
76) Benzidine	20.61	184	17822	3.413	ng	#	91

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

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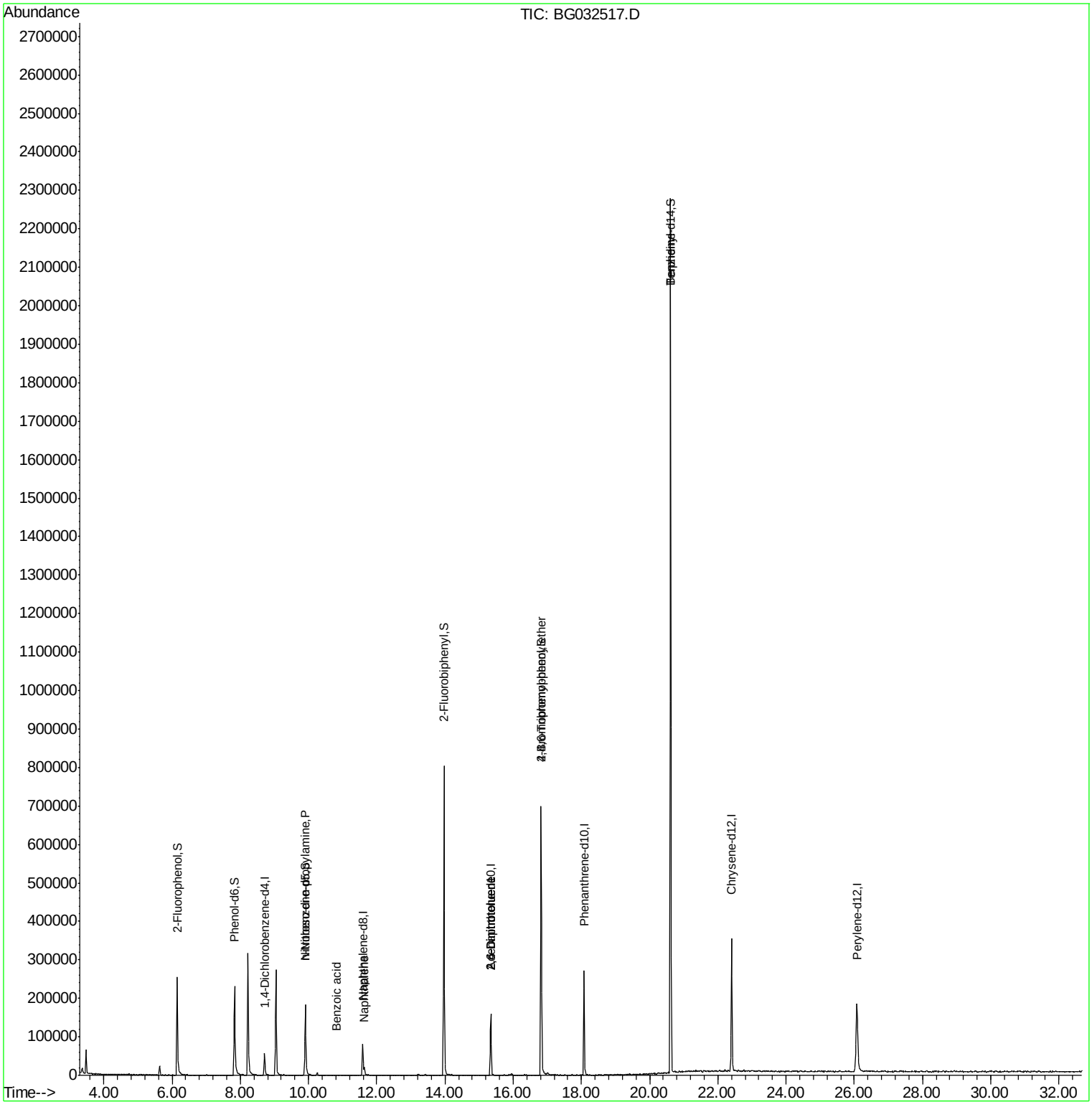
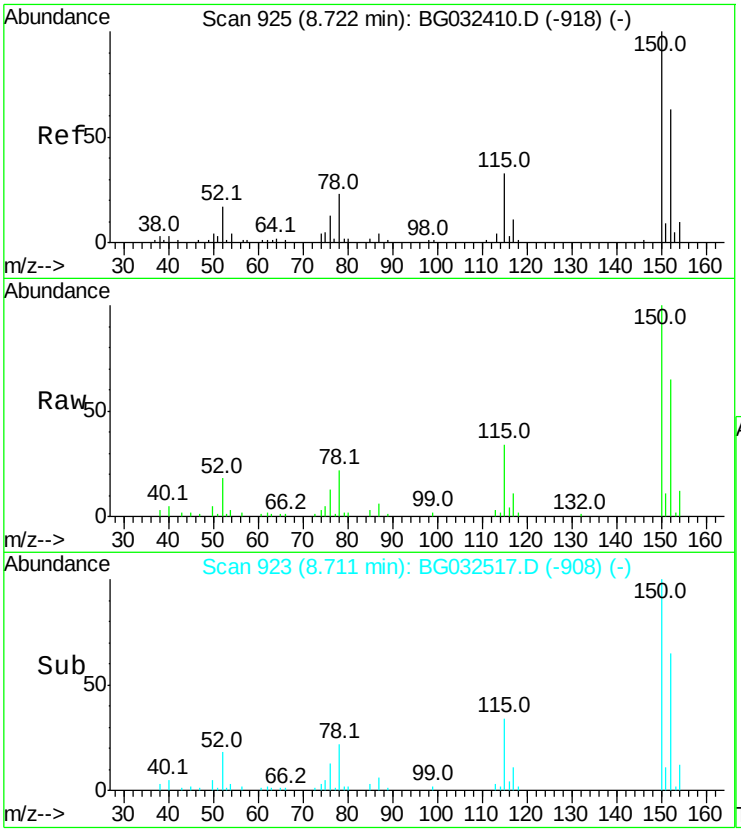


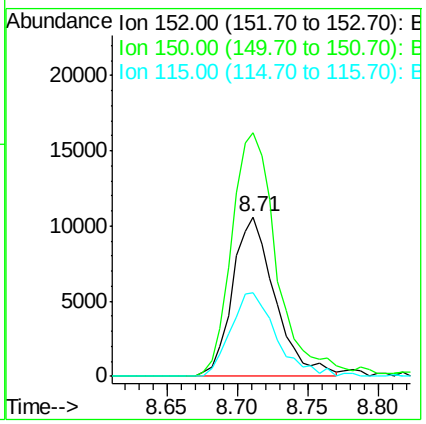


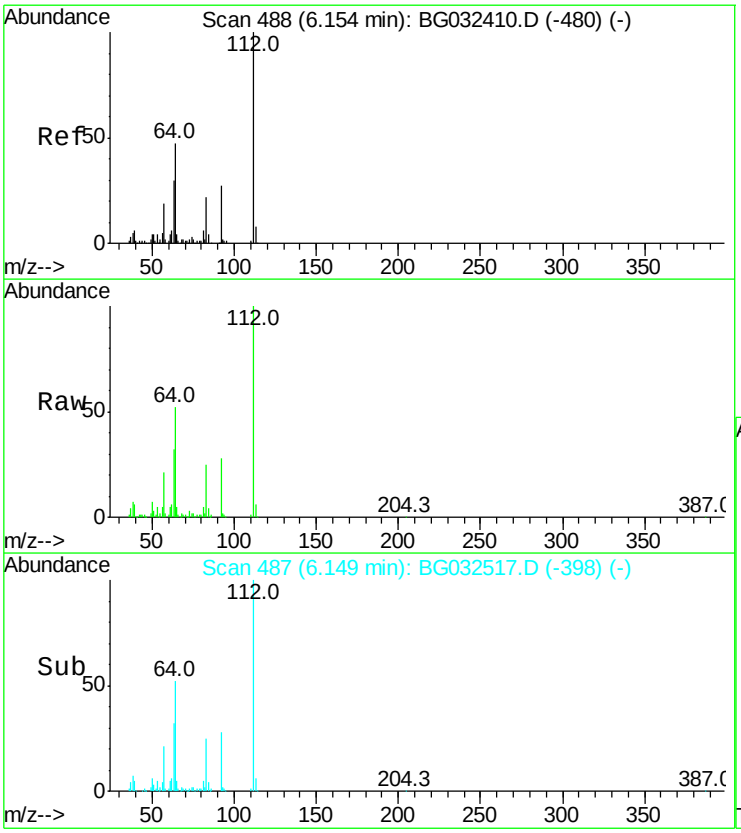
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22214

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	189.8
115	52.3	53.0	79.4#

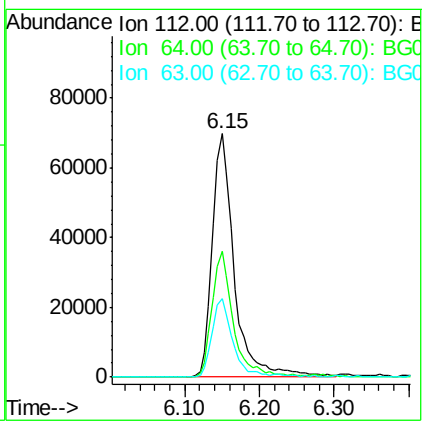


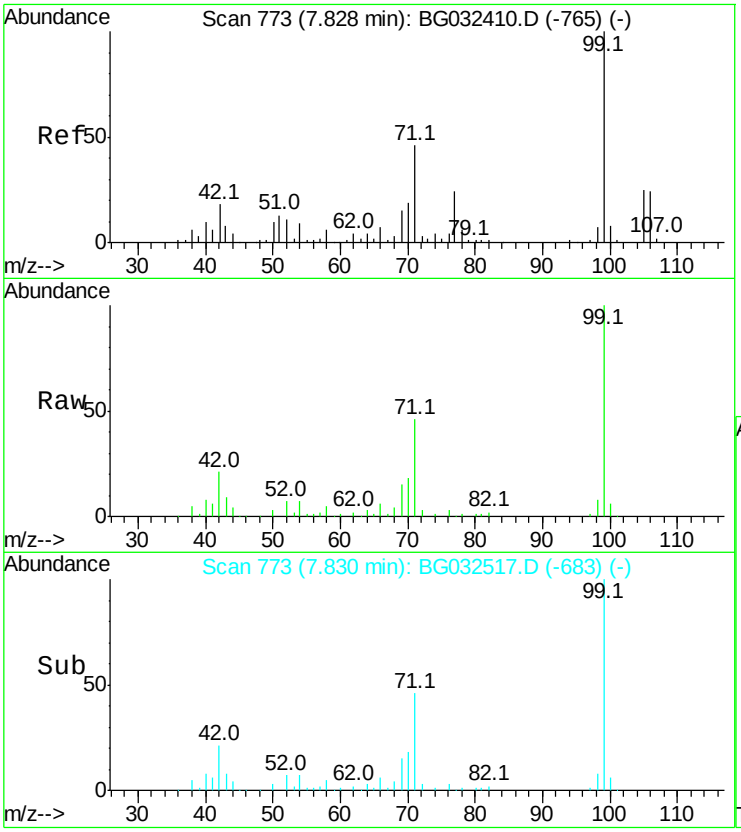


#5
2-Fluorophenol
Concen: 128.799 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:112 Resp: 142448

Ion	Ratio	Lower	Upper
112	100		
64	51.8	56.3	84.5#
63	32.0	30.1	45.1



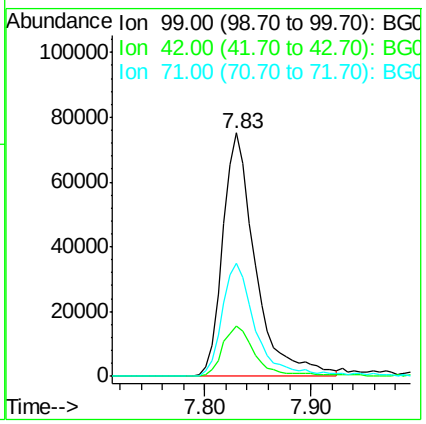


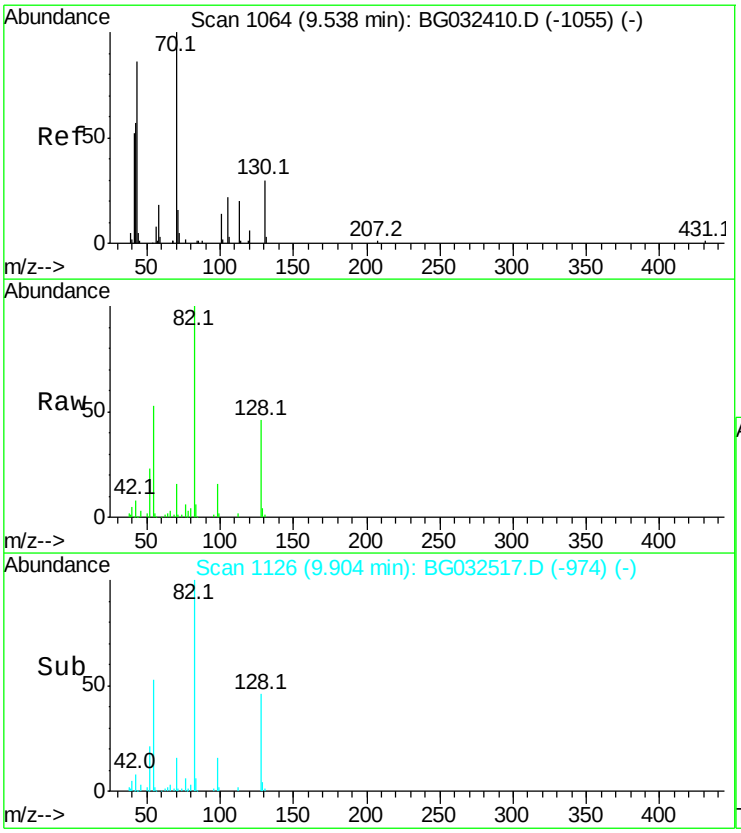
#7
Phenol-d6
Concen: 109.153 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 161090

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	46.4	26.1	39.1#

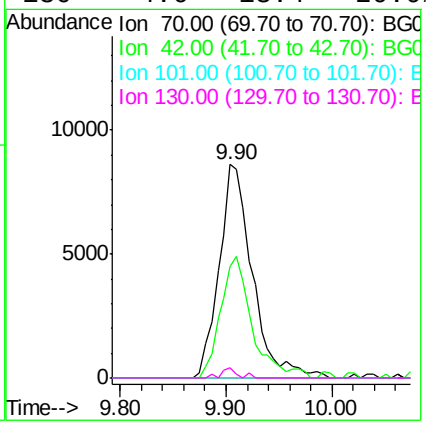


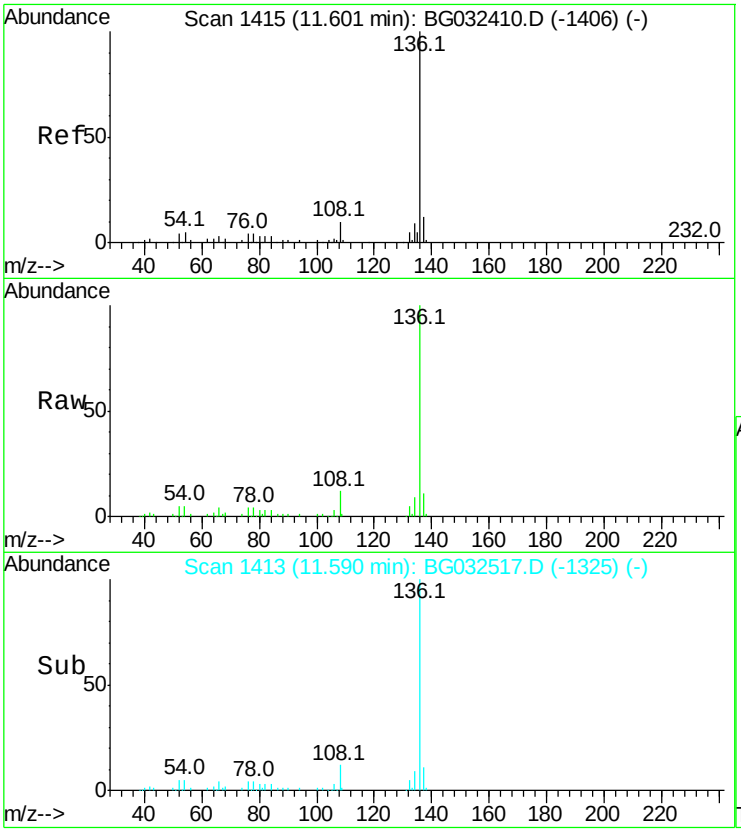


#19
n-Nitroso-di-n-propylamine
Concen: 19.093 ng
RT: 9.90 min Scan# 1126
Delta R.T. 0.37 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion: 70 Resp: 18683

Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.1	73.7
101	0.0	8.5	12.7#
130	4.6	13.4	20.0#



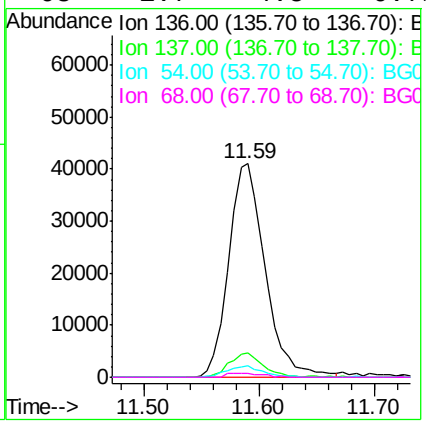


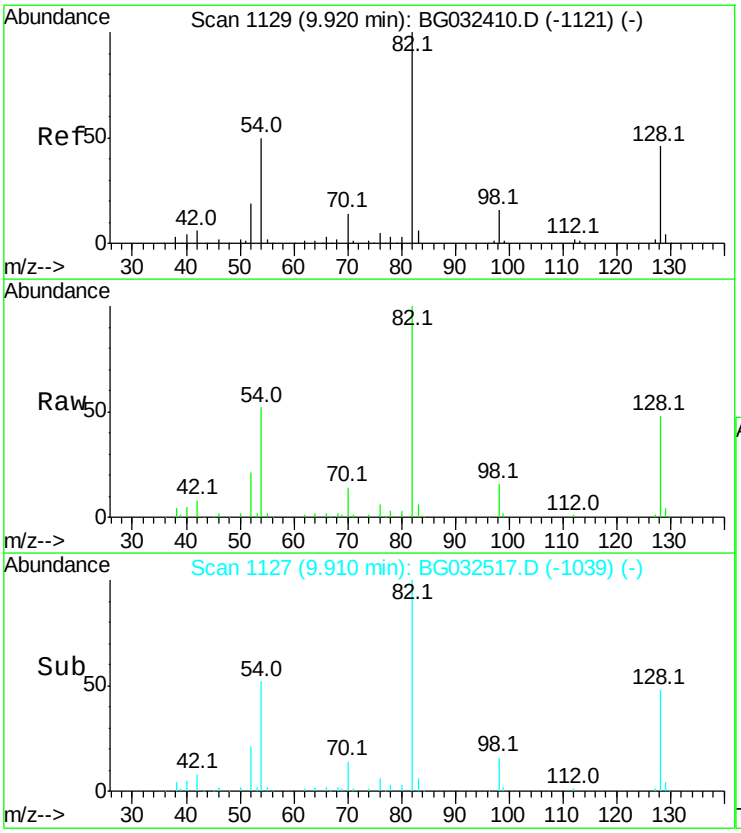
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 89549

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.2	10.3	15.5#
68	1.7	4.5	6.7#

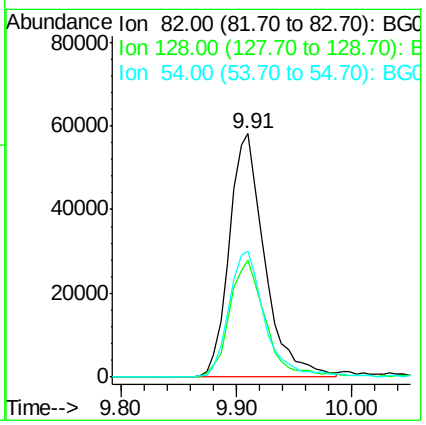


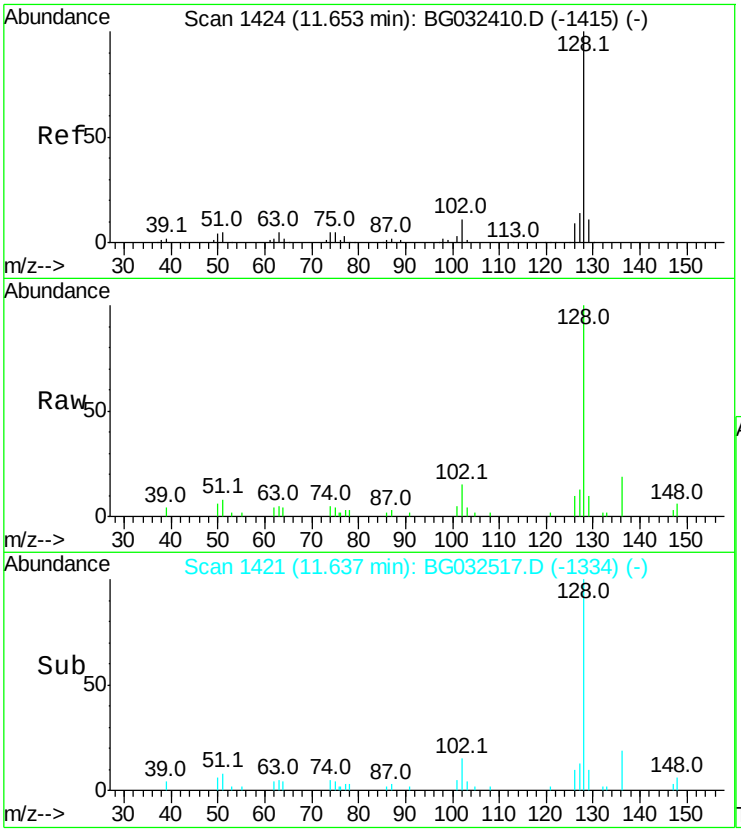


#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion: 82 Resp: 123490

Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	51.5	43.1	64.7



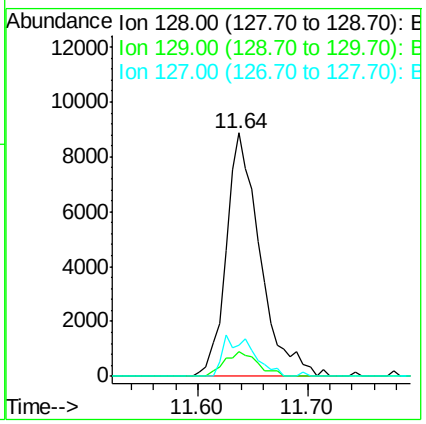


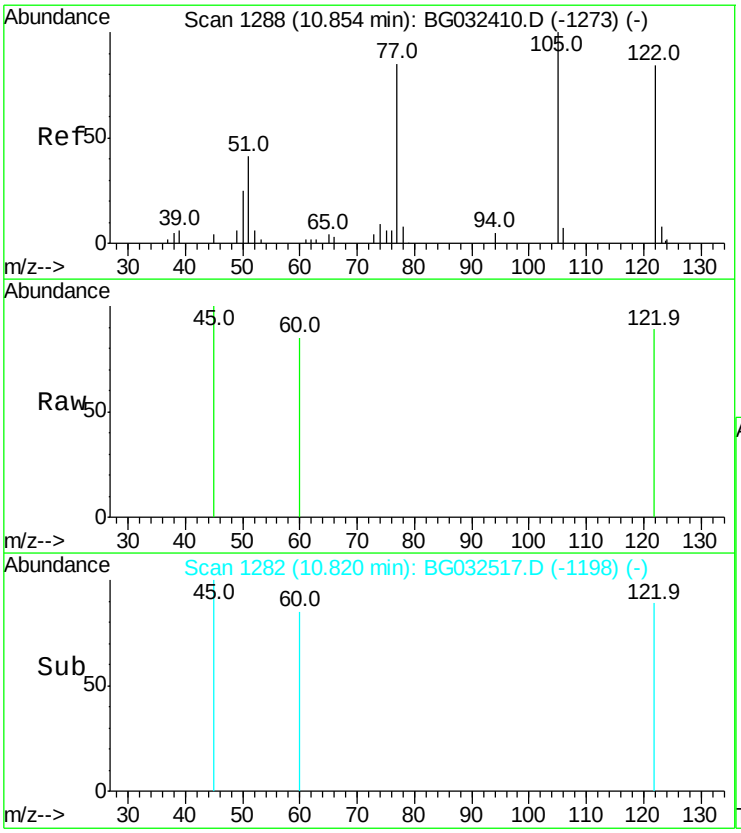
#31
Naphthalene
Concen: 4.359 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 19064

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	13.0	11.6	17.4

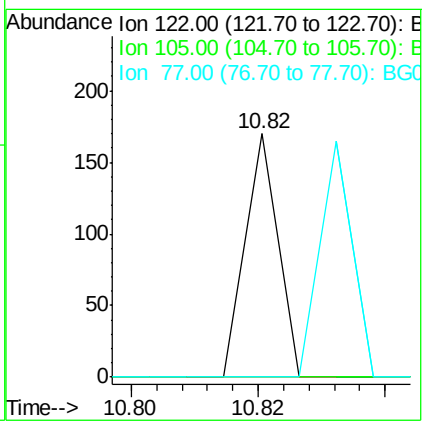


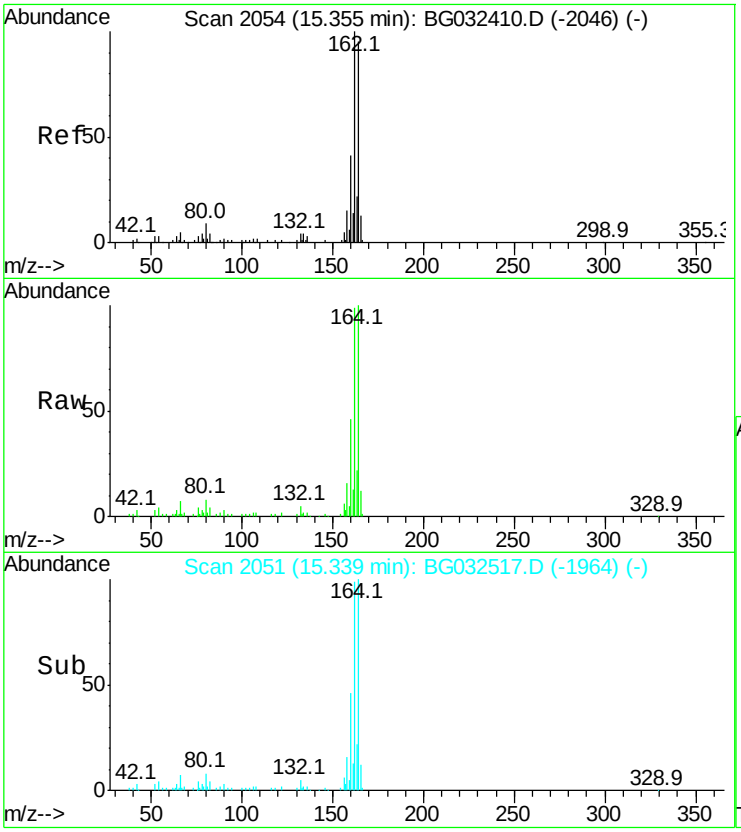


#32
Benzoic acid
Concen: 7.340 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



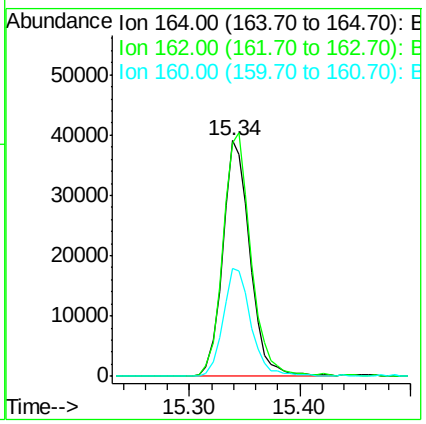


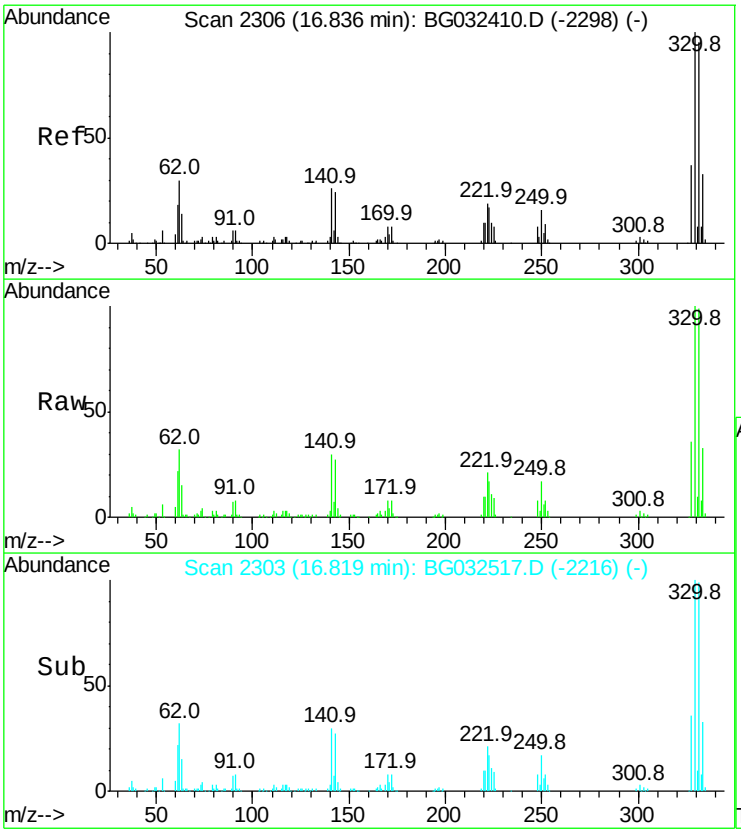
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 67496

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	46.1	35.4	53.0

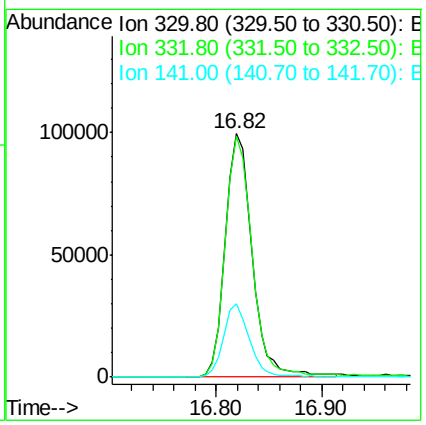


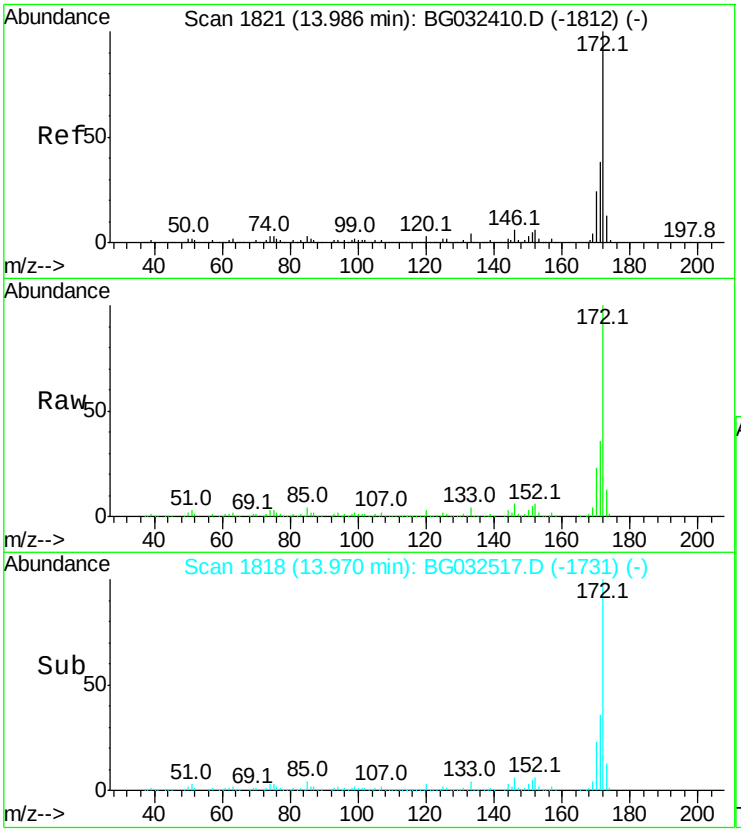


#41
2,4,6-Tribromophenol
Concen: 136.928 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:330 Resp: 175923

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	28.8	25.2	37.8



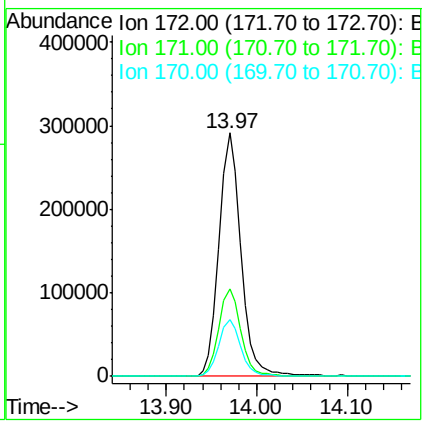


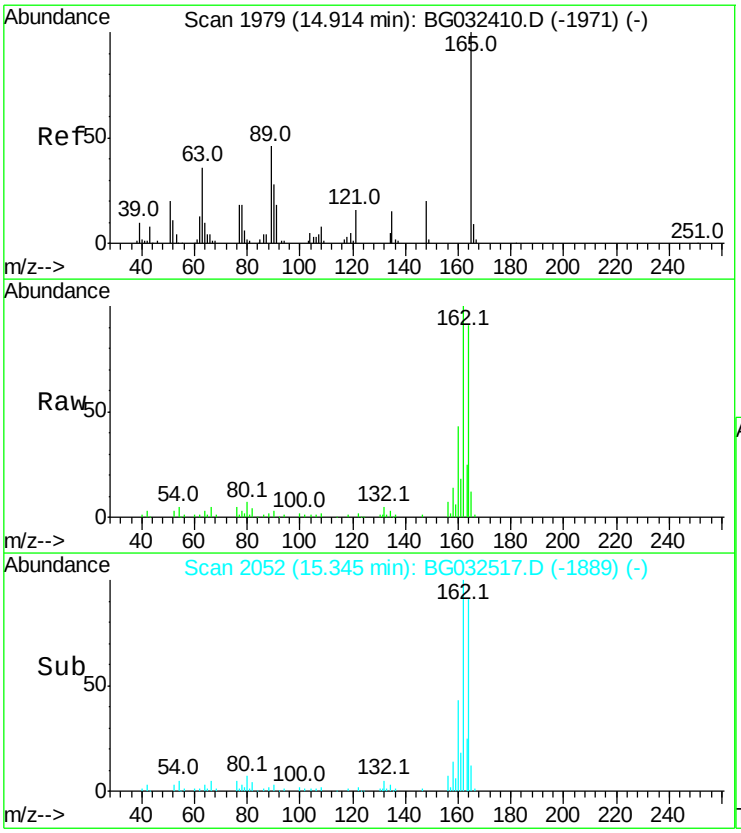
#44
2-Fluorobiphenyl
Concen: 86.190 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 489456

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.0	19.5	29.3

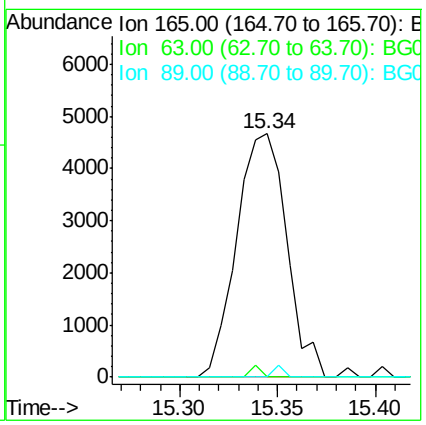


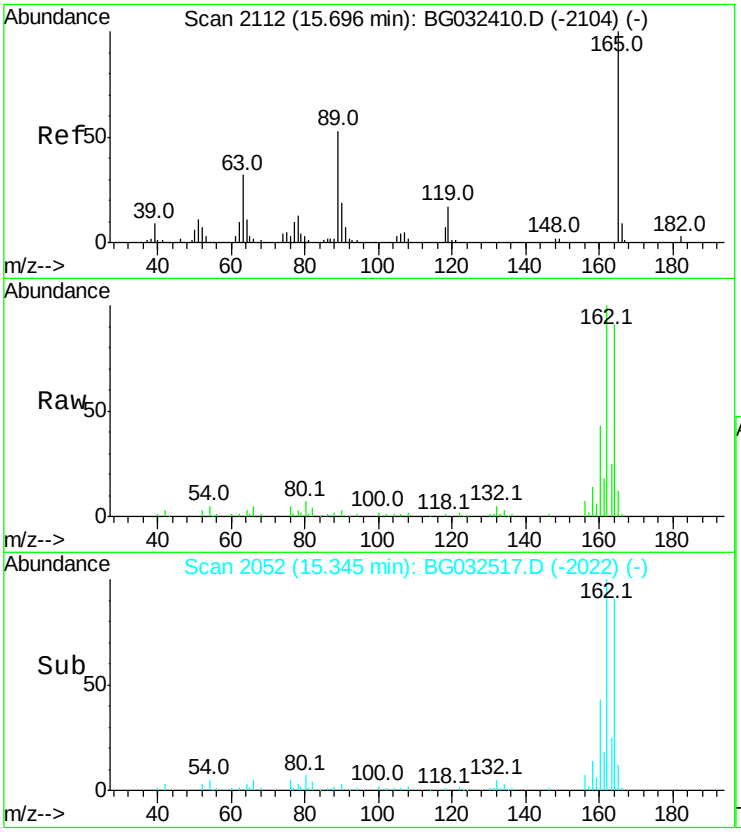


#50
2,6-Dinitrotoluene
Concen: 6.356 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:165 Resp: 8302

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



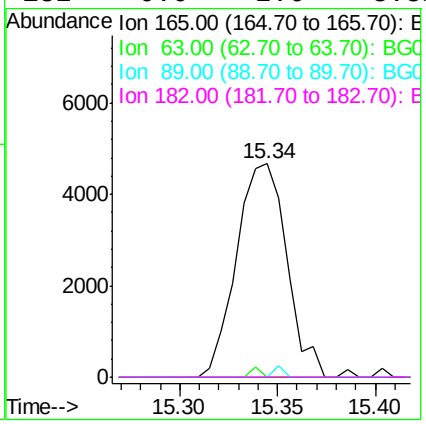


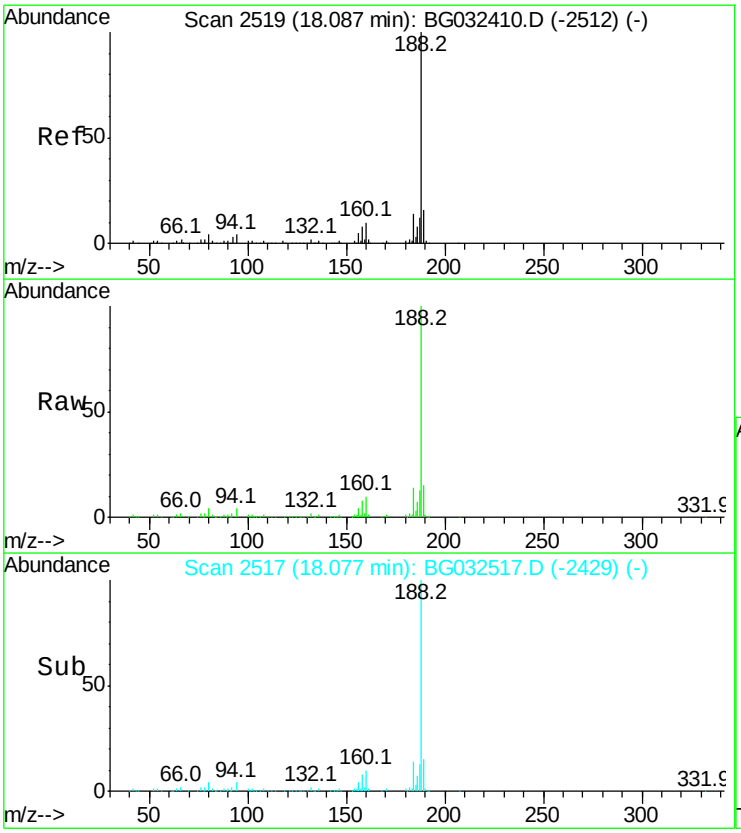
#56
2,4-Dinitrotoluene
Concen: 4.464 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8302

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#

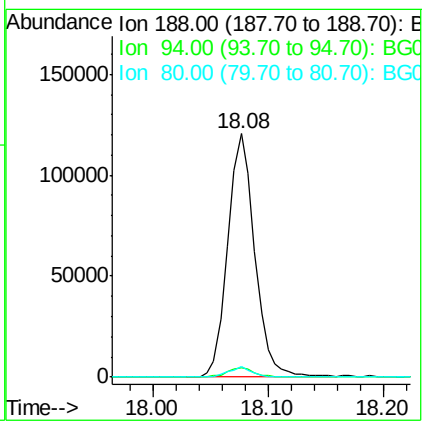


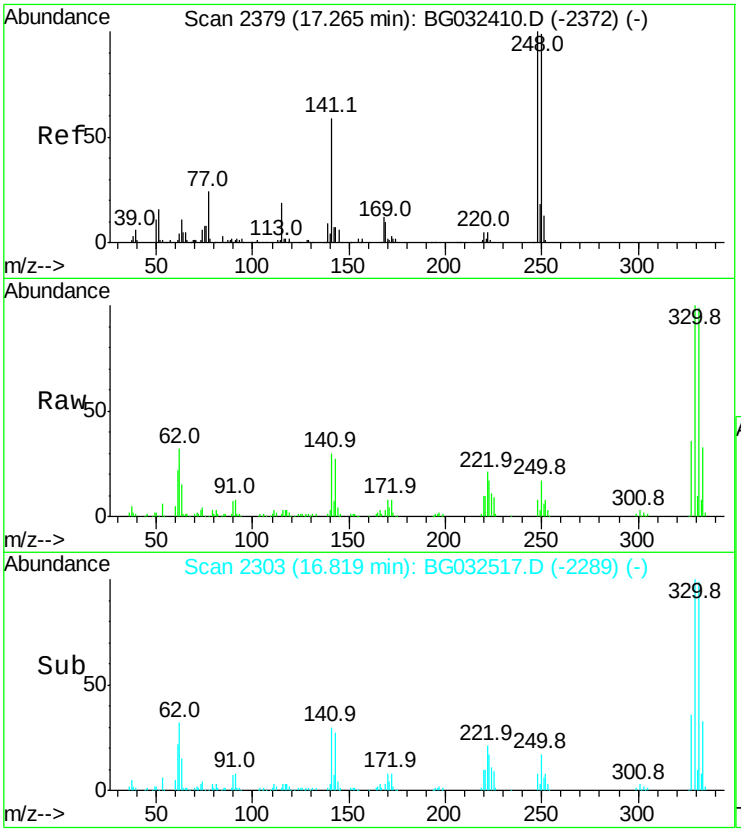


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:188 Resp: 195965

Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.4	7.7	11.5#



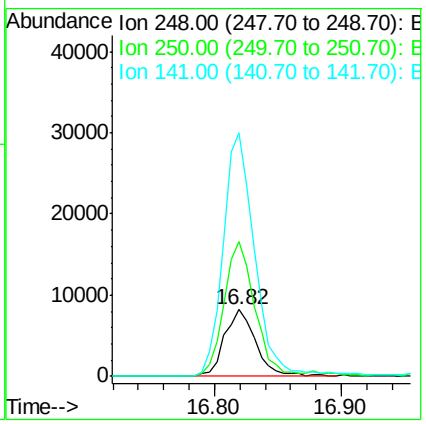


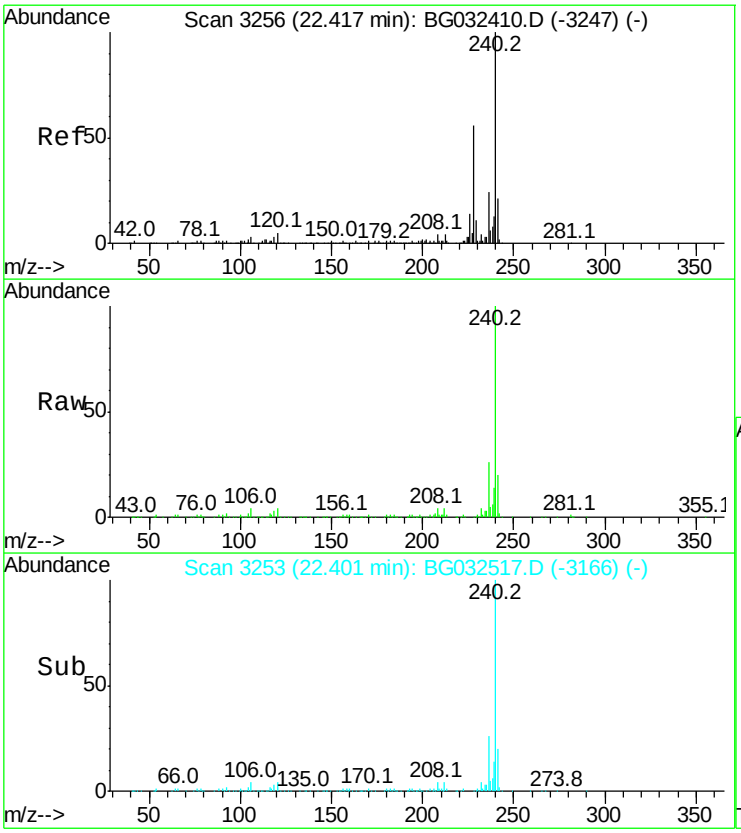
#66
4-Bromophenyl-phenylether
Concen: 4.839 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.45 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14050

Ion	Ratio	Lower	Upper
248	100		
250	202.8	77.1	115.7#
141	366.9	50.8	76.2#

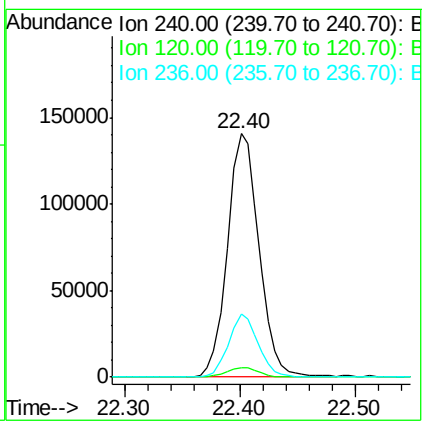


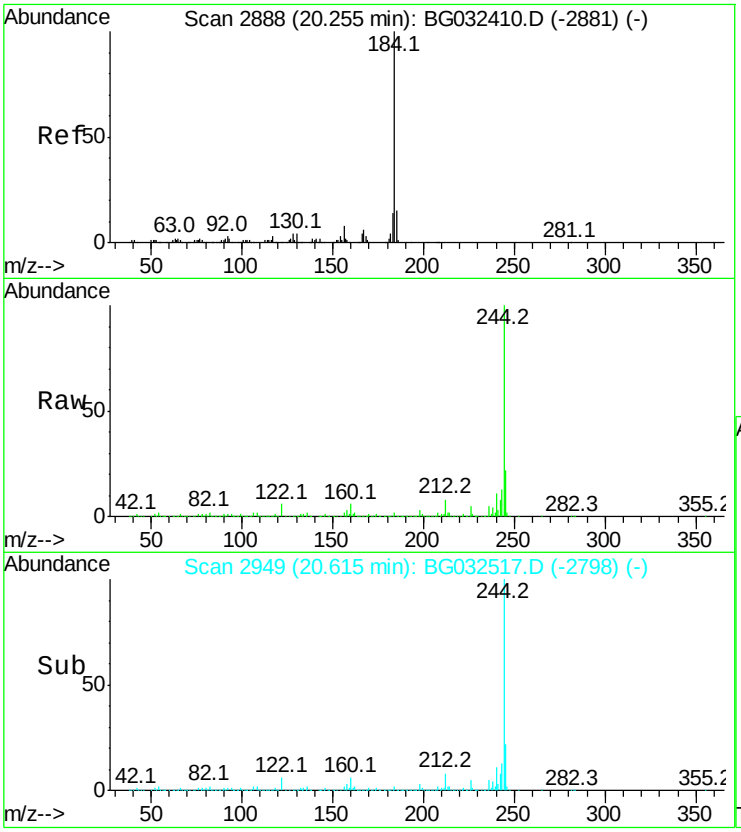


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:240 Resp: 265944

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	25.8	20.9	31.3



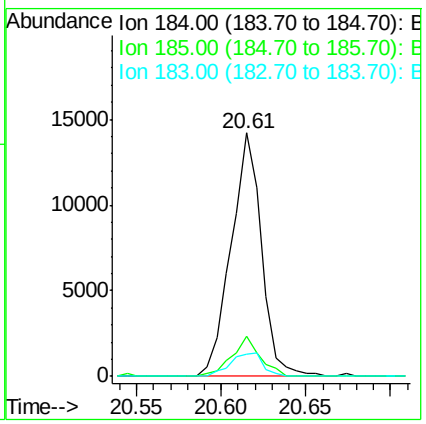


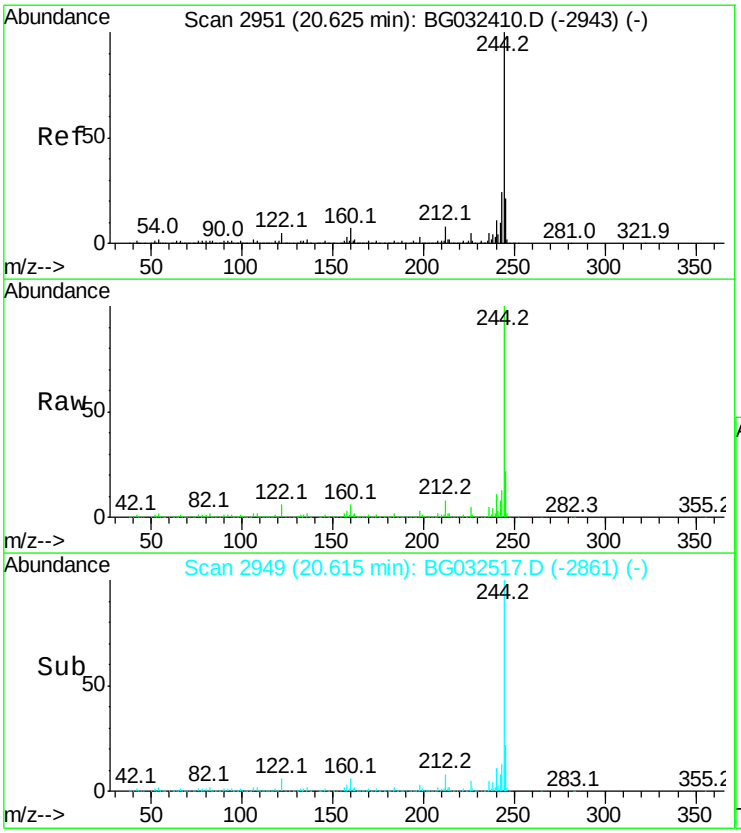
#76
Benzidine
Concen: 3.413 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17822

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	8.9	10.6	16.0#

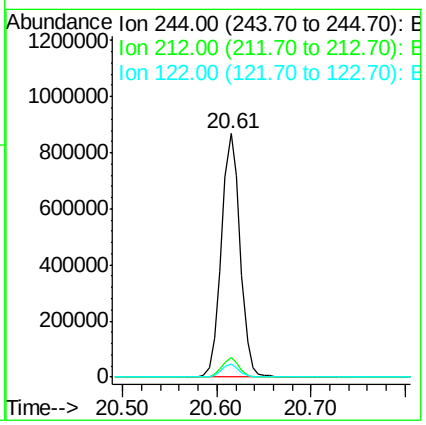


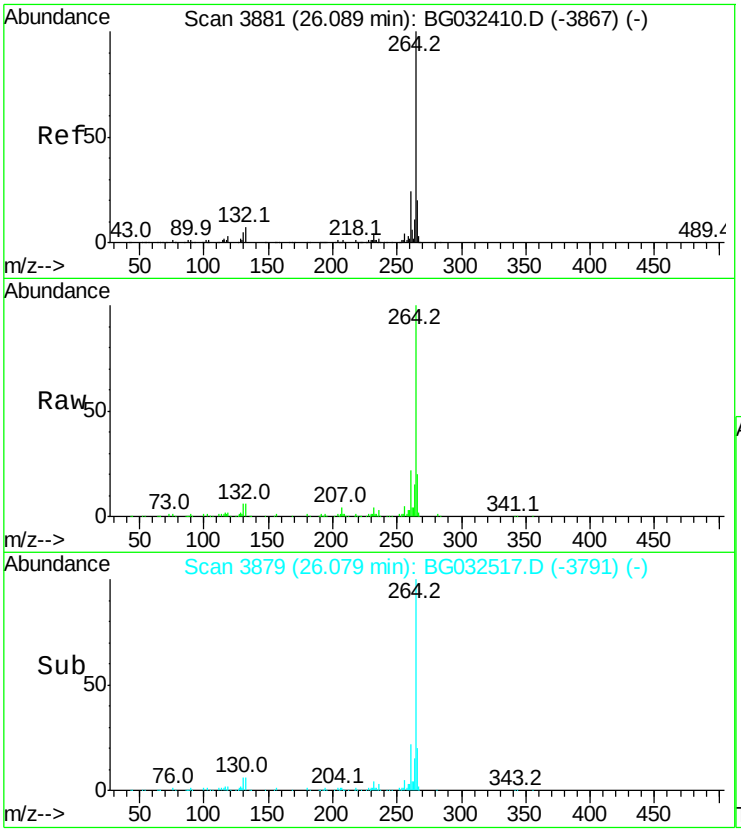


#78
Terphenyl-d14
Concen: 96.915 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion:244 Resp: 1203219

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 278903

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	20.4	17.7	26.5