Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032504.D
Acq On : 2 Feb 2018 00:08
Operator : SJ/JU
Sample : PB106258BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 02 02:51:54 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	25906	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	96845	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	70675	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	192986	20.00	ng	0.00
75) Chrysene-d12	22.41	240	246246	20.00	ng	0.00
86) Perylene-d12	26.09	264	270310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	162357	125.88	ng	0.00
7) Phenol-d6	7.84	99	199832	116.11	ng	0.00
23) Nitrobenzene-d5	9.91	82	122348	78.91	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	168767	125.45	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	472744	79.50	ng	-0.01
78) Terphenyl-d14	20.62	244	996483	86.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	17306	15.165	ng	# 80
32) Benzoic acid	10.64	122	73	7.347	ng	# 1
50) 2,6-Dinitrotoluene	15.35	165	8612	6.296	ng	# 18
53) 2,4-Dinitrophenol	15.57	184	66	4.178	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	8612	4.422	ng	# 16
66) 4-Bromophenyl-phenylether	16.83	248	13216	4.622	ng	# 1
76) Benzidine	20.62	184	13919	2.879	ng	# 86

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

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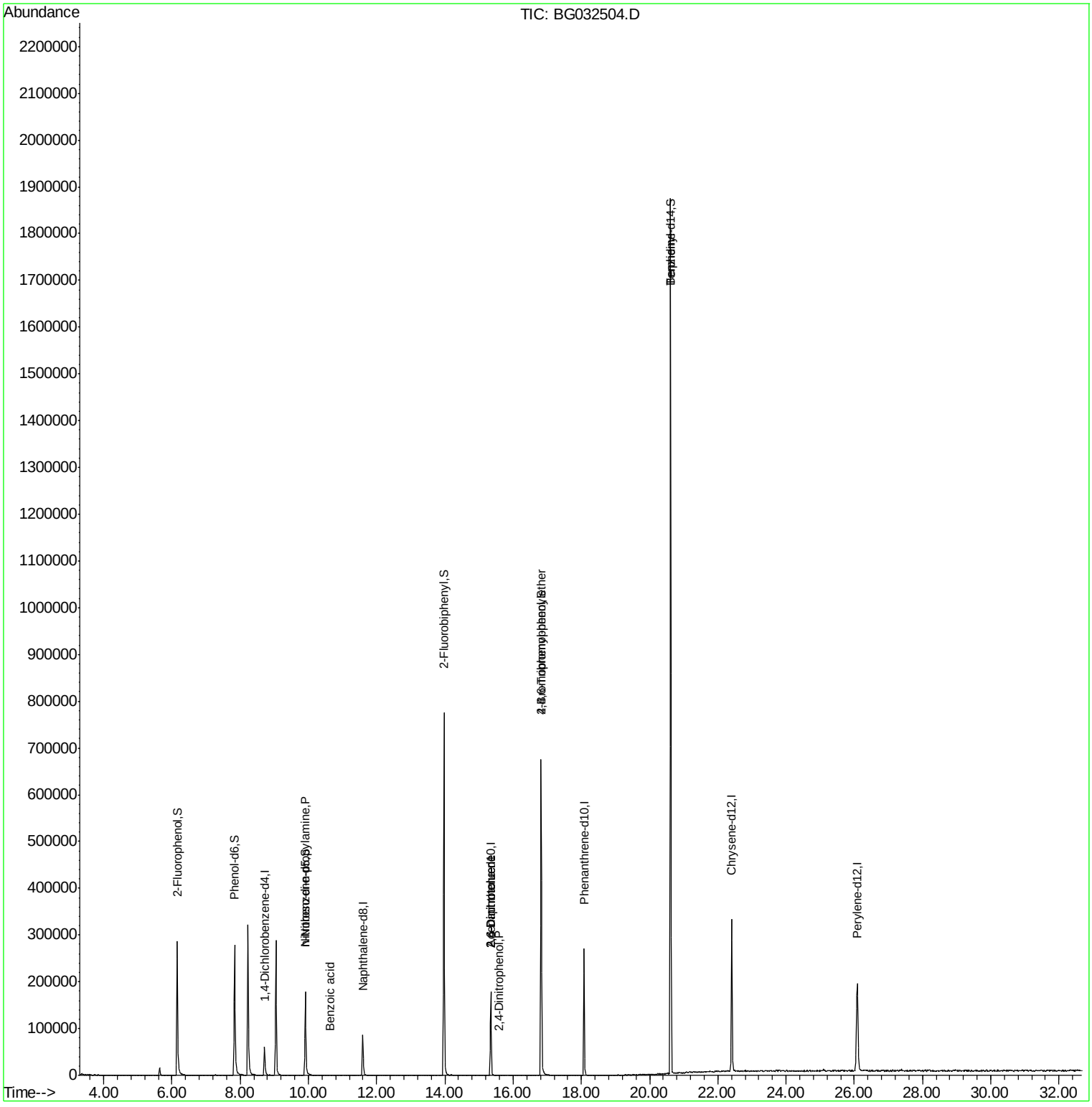
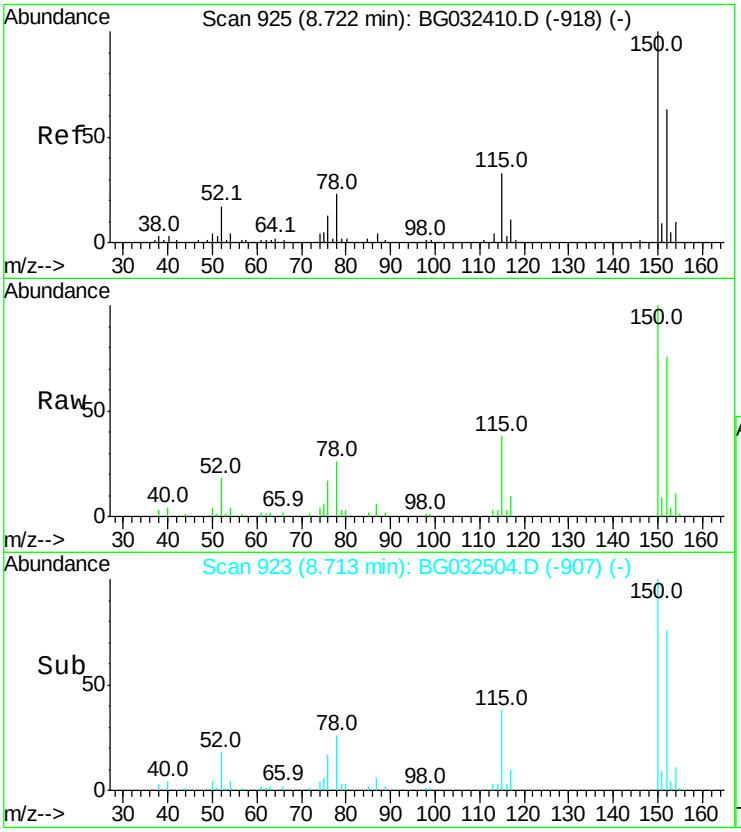


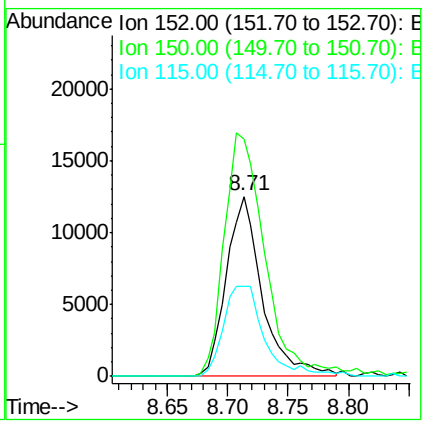


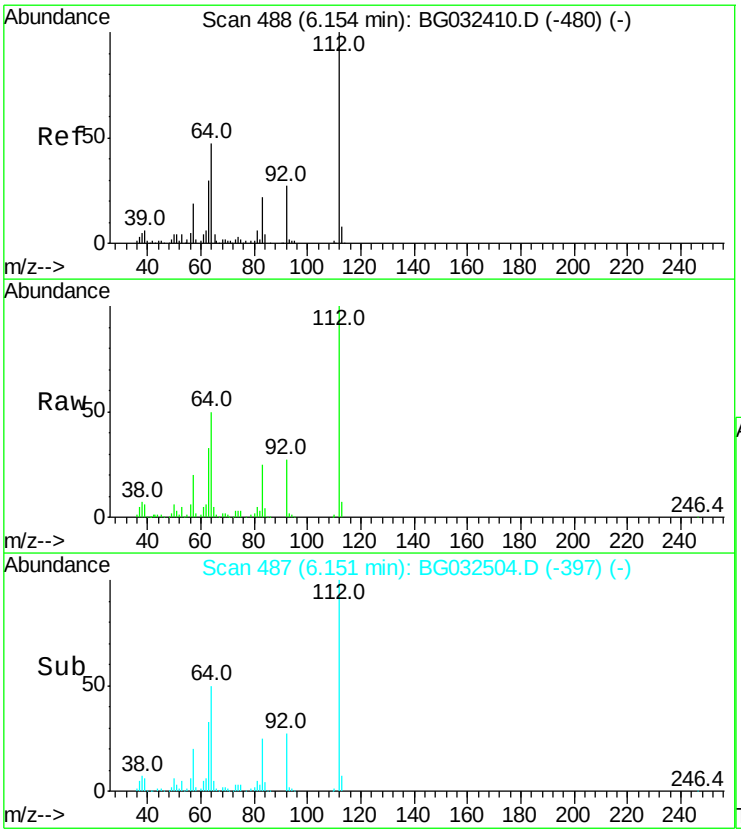
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25906

Ion	Ratio	Lower	Upper
152	100		
150	131.9	126.6	189.8
115	50.2	53.0	79.4#

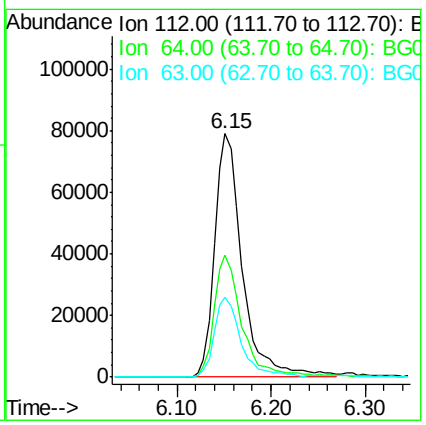


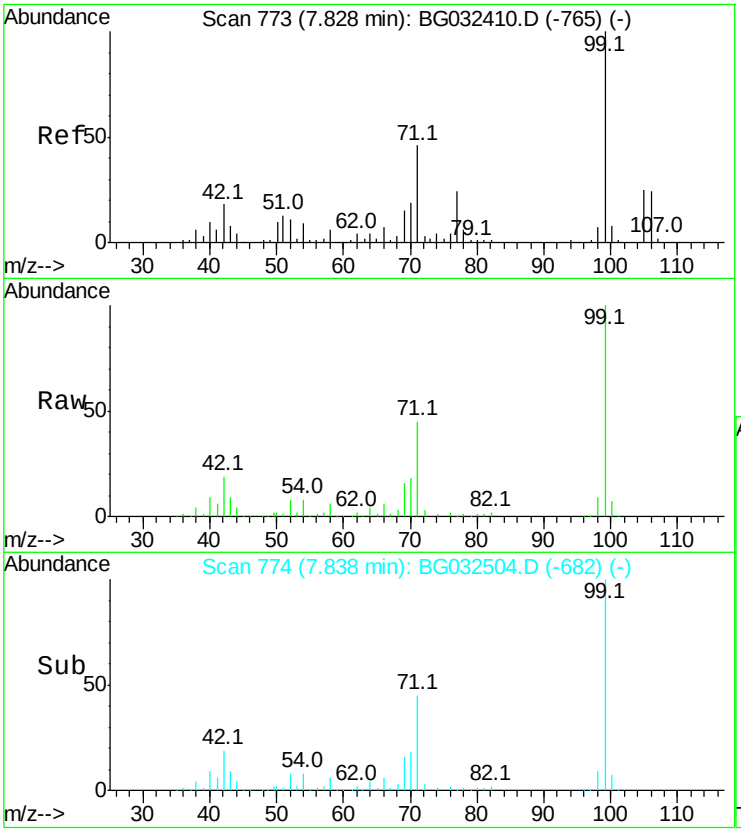


#5
2-Fluorophenol
Concen: 125.879 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:112 Resp: 162357

Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	32.7	30.1	45.1



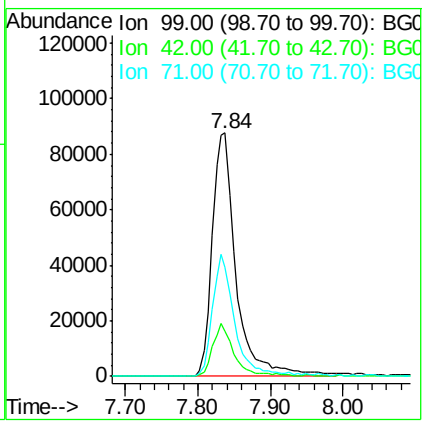


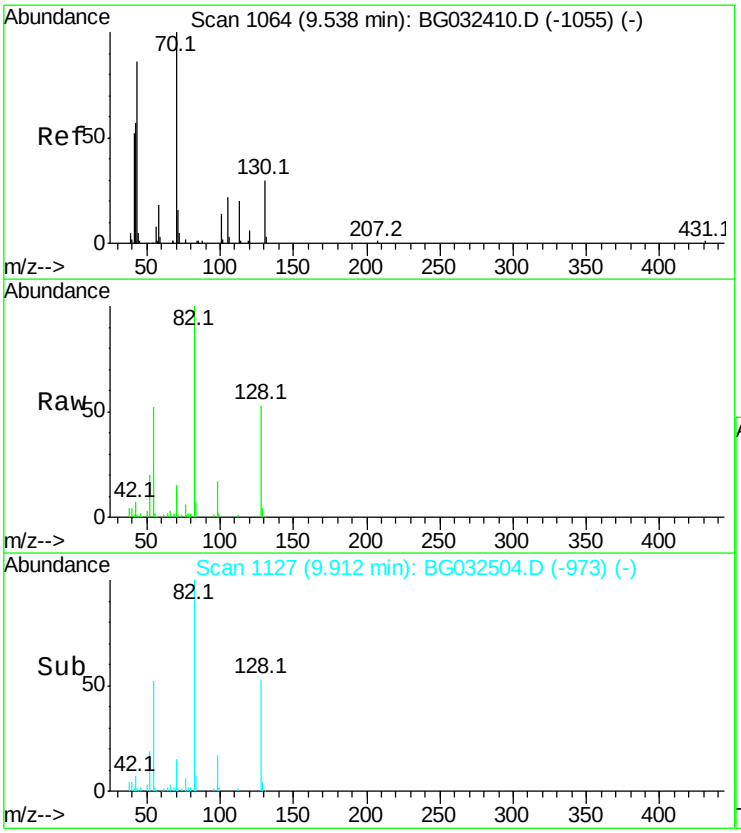
#7
Phenol-d6
Concen: 116.107 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 199832

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	44.7	26.1	39.1#

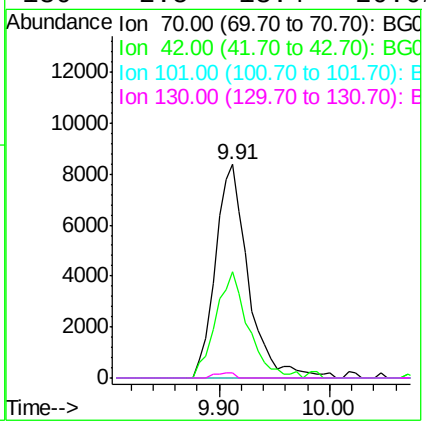


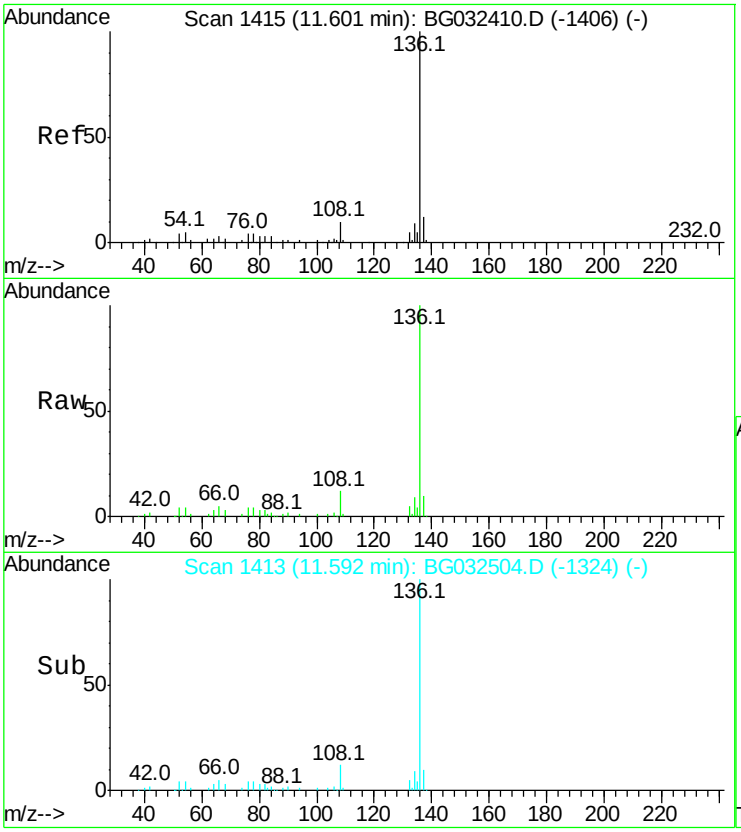


#19
n-Nitroso-di-n-propylamine
Concen: 15.165 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion: 70 Resp: 17306

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#



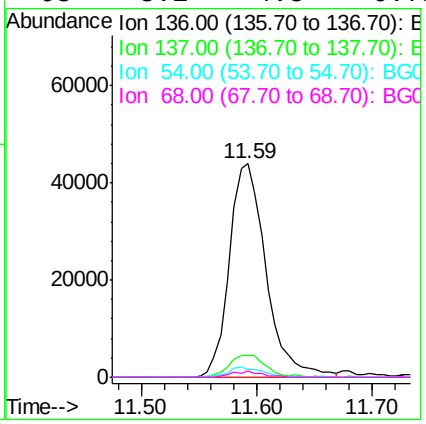


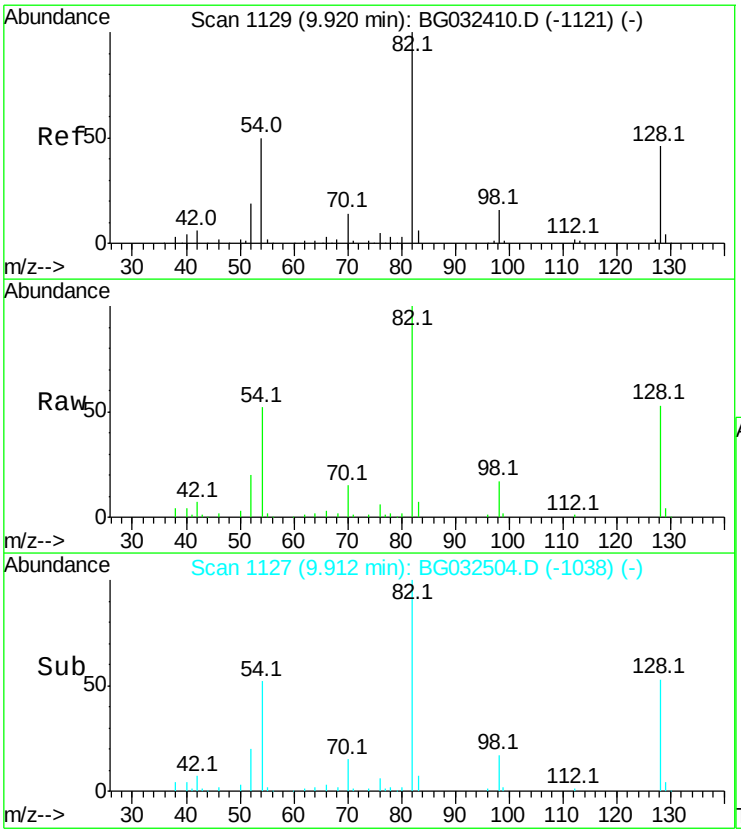
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 96845

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	3.6	10.3	15.5#
68	3.2	4.5	6.7#

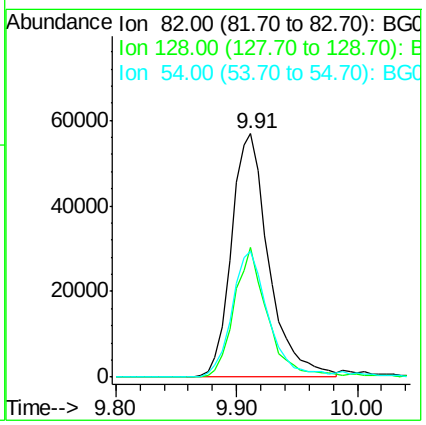


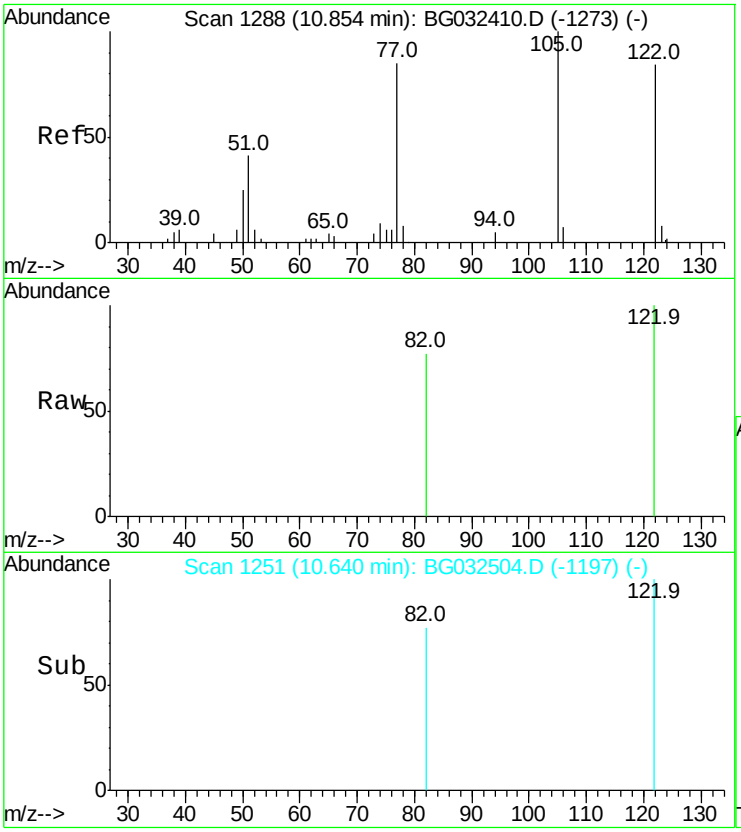


#23
Nitrobenzene-d5
Concen: 78.909 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion: 82 Resp: 122348

Ion	Ratio	Lower	Upper
82	100		
128	53.4	29.7	44.5#
54	51.6	43.1	64.7



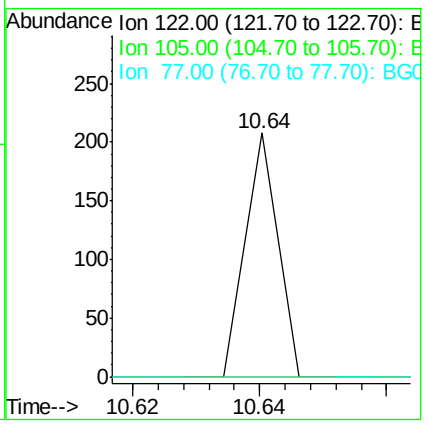


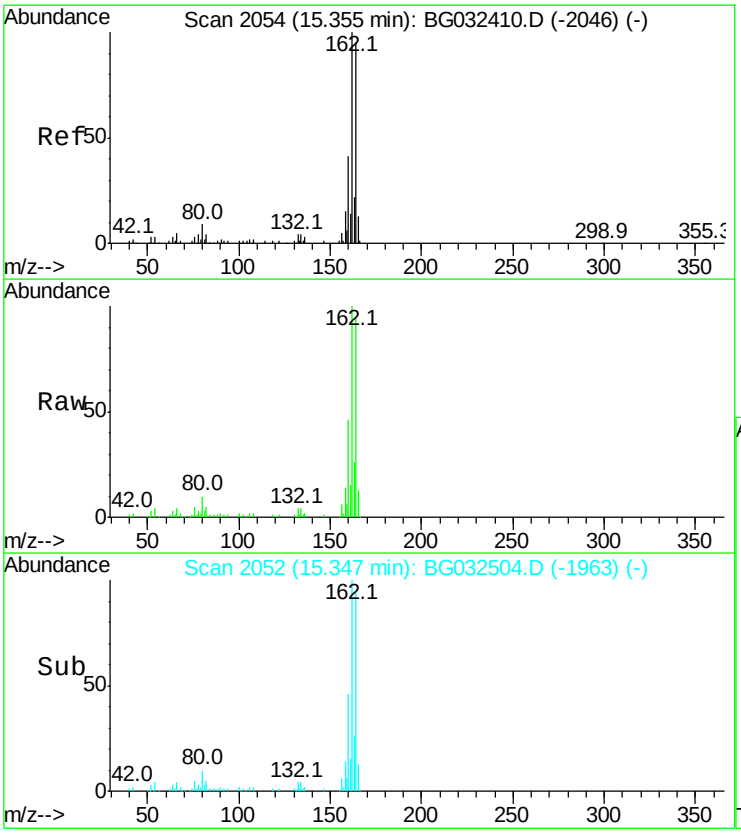
#32
Benzoic acid
Concen: 7.347 ng
RT: 10.64 min Scan# 1251
Delta R.T. -0.21 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 73

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

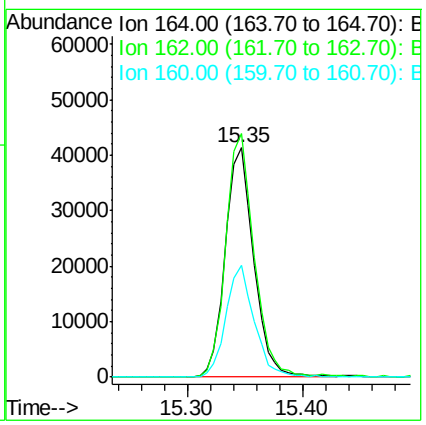


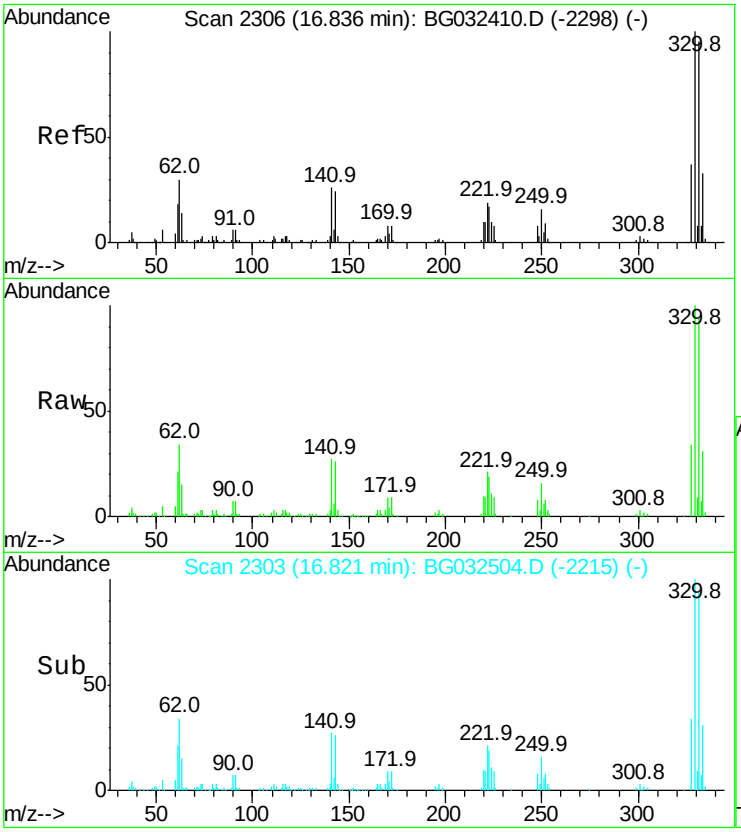


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:164 Resp: 70675

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	48.9	35.4	53.0



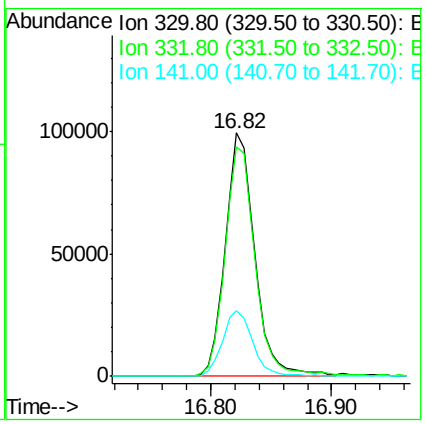


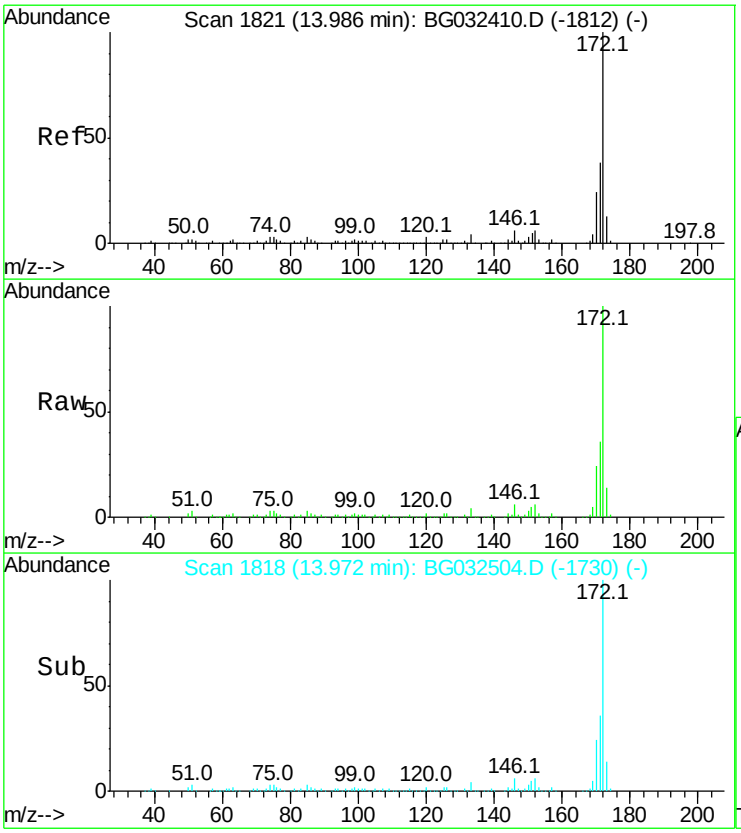
#41
2,4,6-Tribromophenol
Concen: 125.449 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 168767

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.9	25.2	37.8

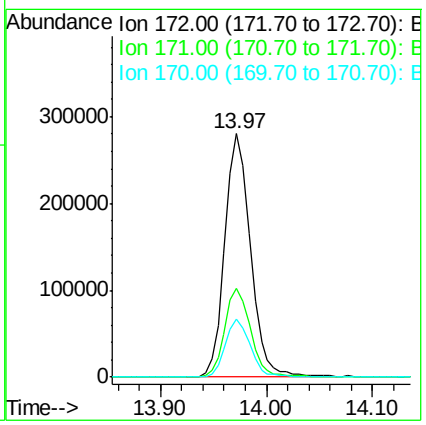


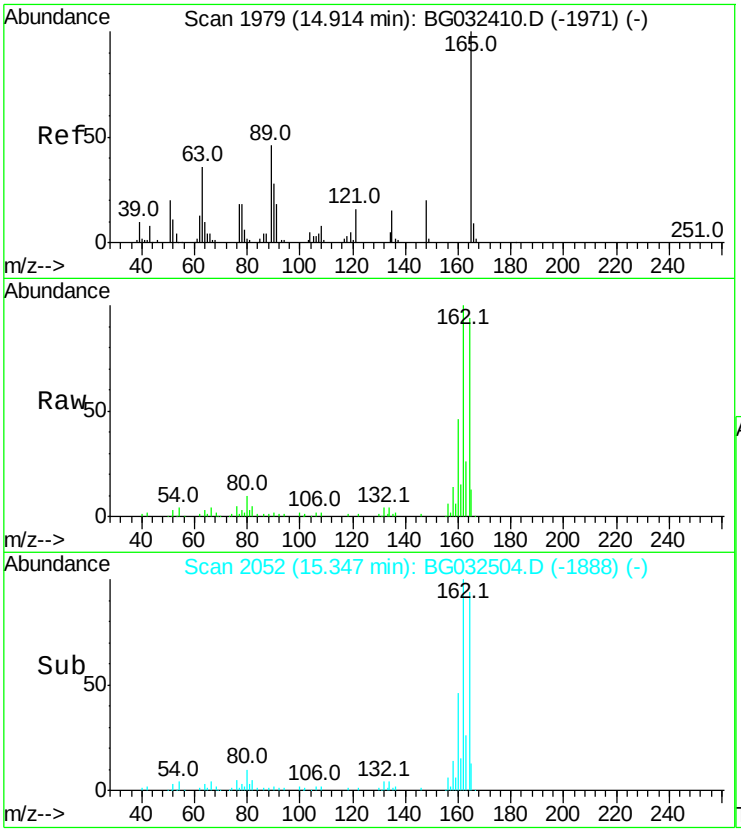


#44
2-Fluorobiphenyl
Concen: 79.503 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:172 Resp: 472744

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.9	19.5	29.3



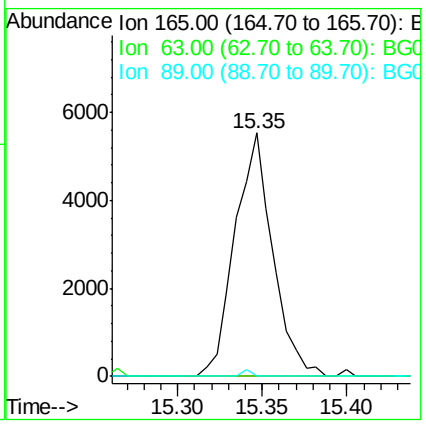


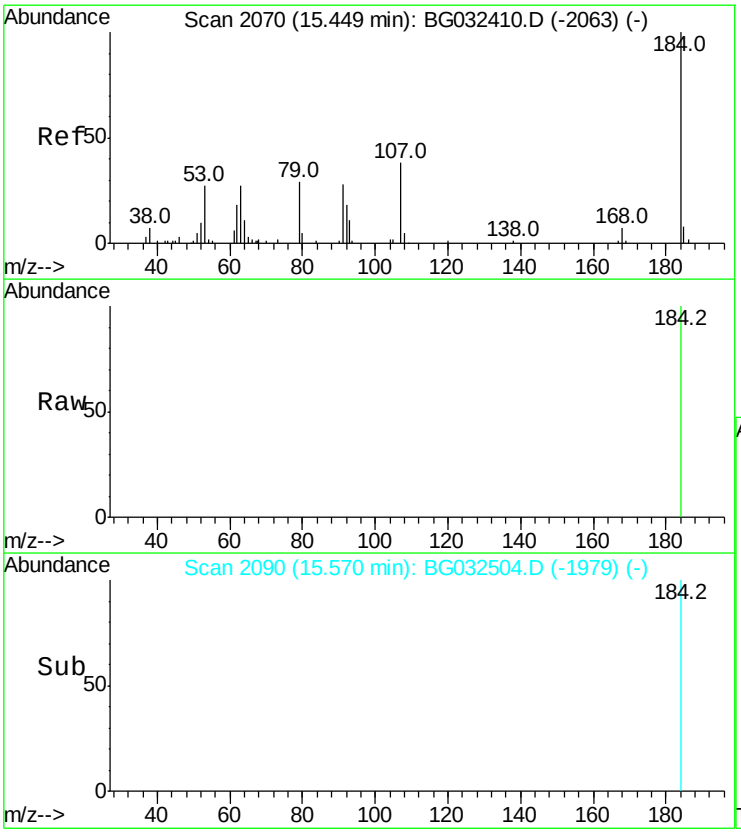
#50
2,6-Dinitrotoluene
Concen: 6.296 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8612

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

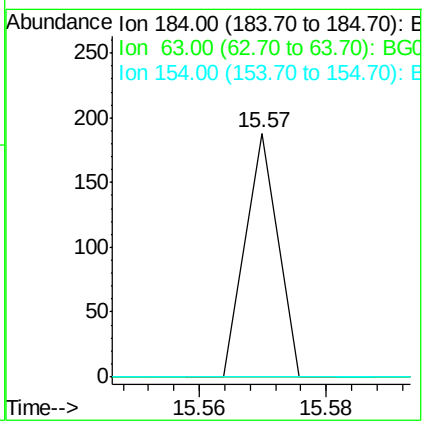


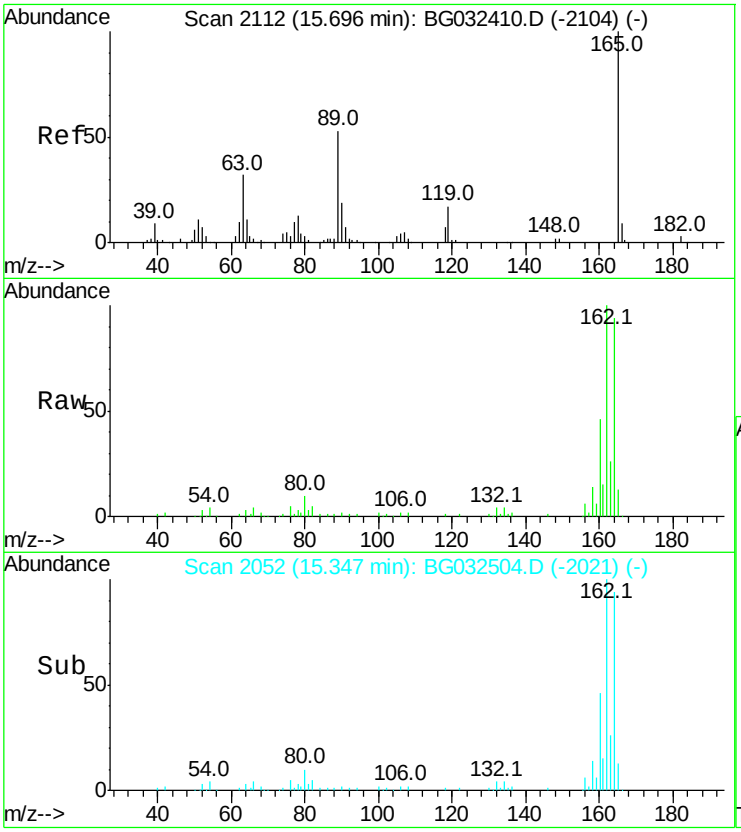


#53
2,4-Dinitrophenol
Concen: 4.178 ng
RT: 15.57 min Scan# 2090
Delta R.T. 0.12 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:184 Resp: 66

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



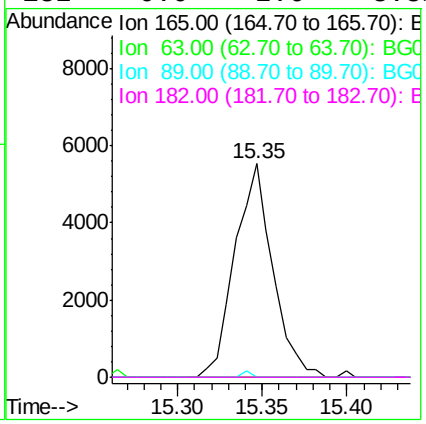


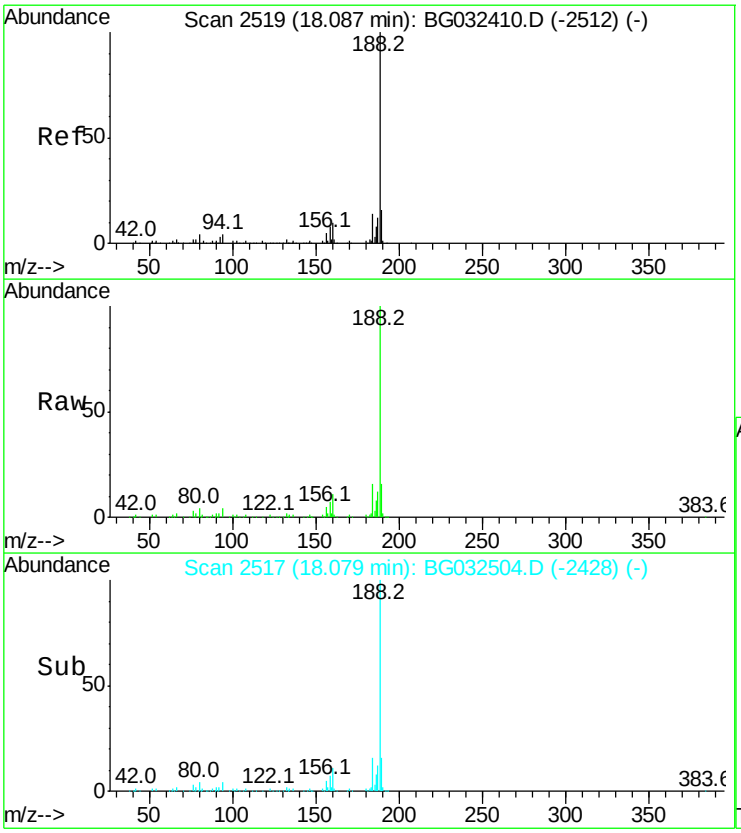
#56
2,4-Dinitrotoluene
Concen: 4.422 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8612

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#

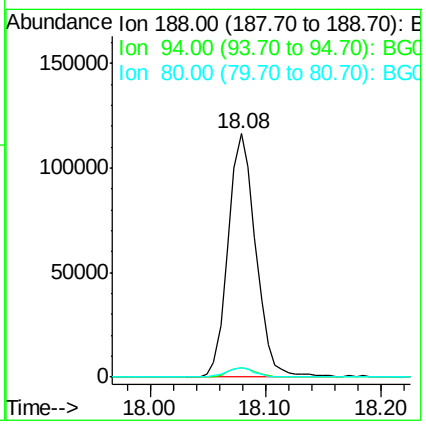


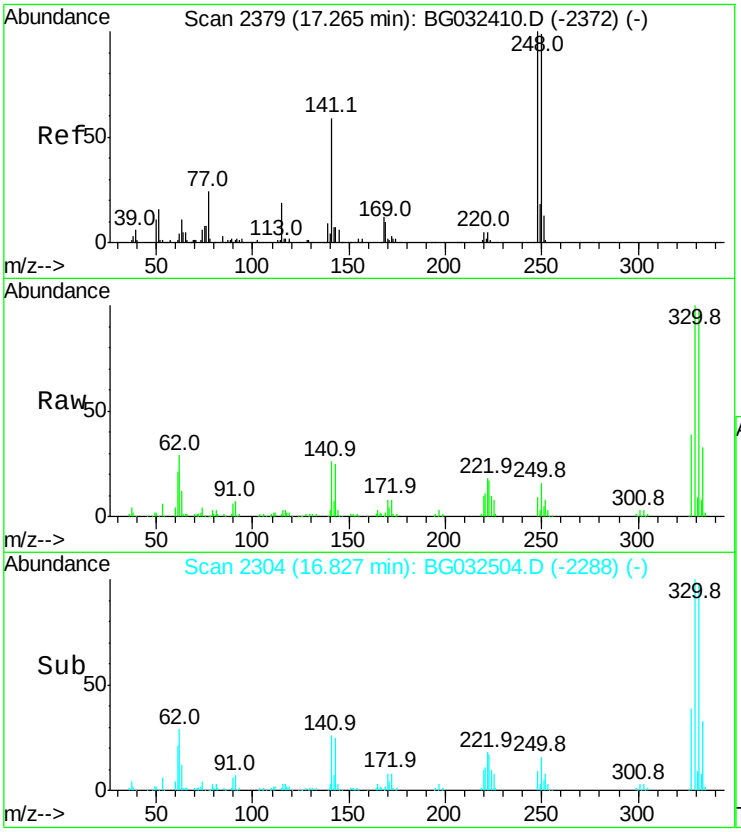


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:188 Resp: 192986

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	3.7	7.7	11.5#



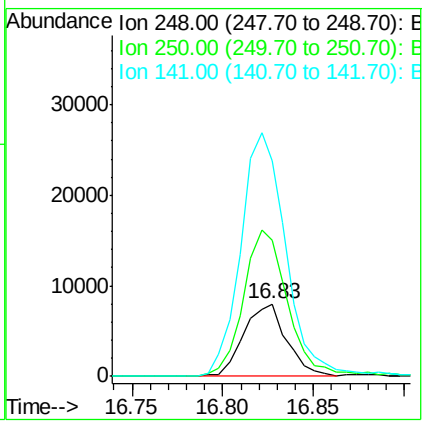


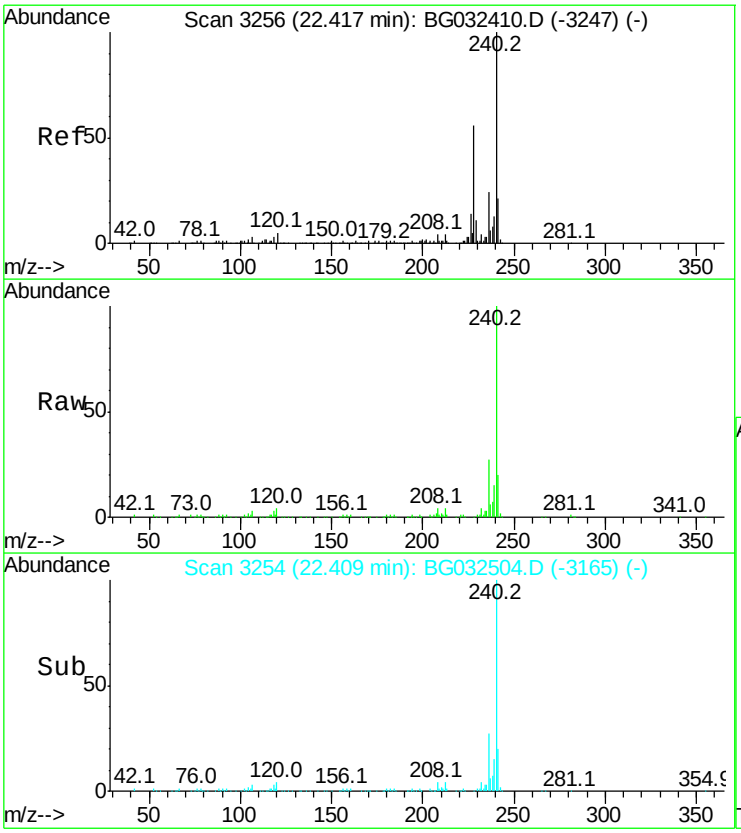
#66
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13216

Ion	Ratio	Lower	Upper
248	100		
250	188.4	77.1	115.7#
141	298.7	50.8	76.2#

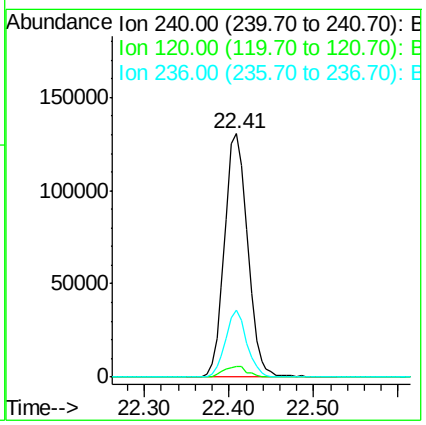


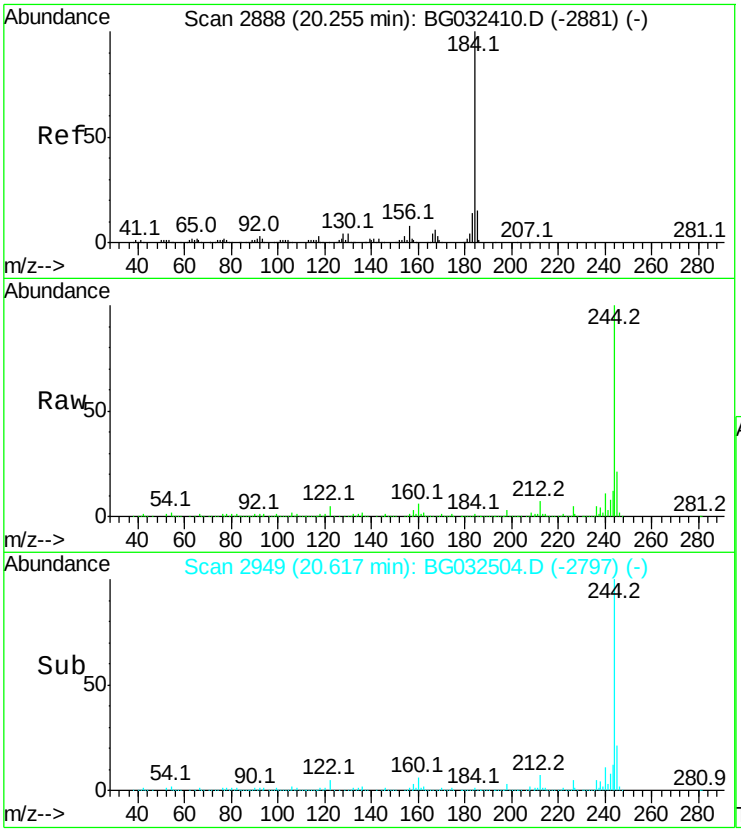


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:240 Resp: 246246

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	27.3	20.9	31.3



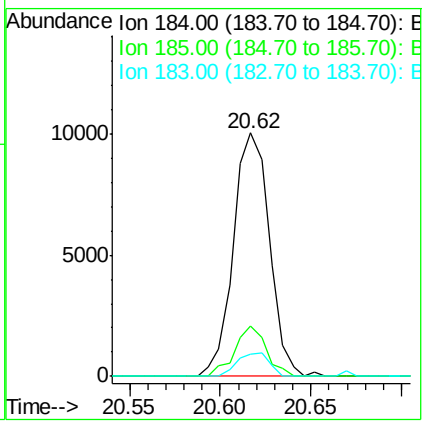


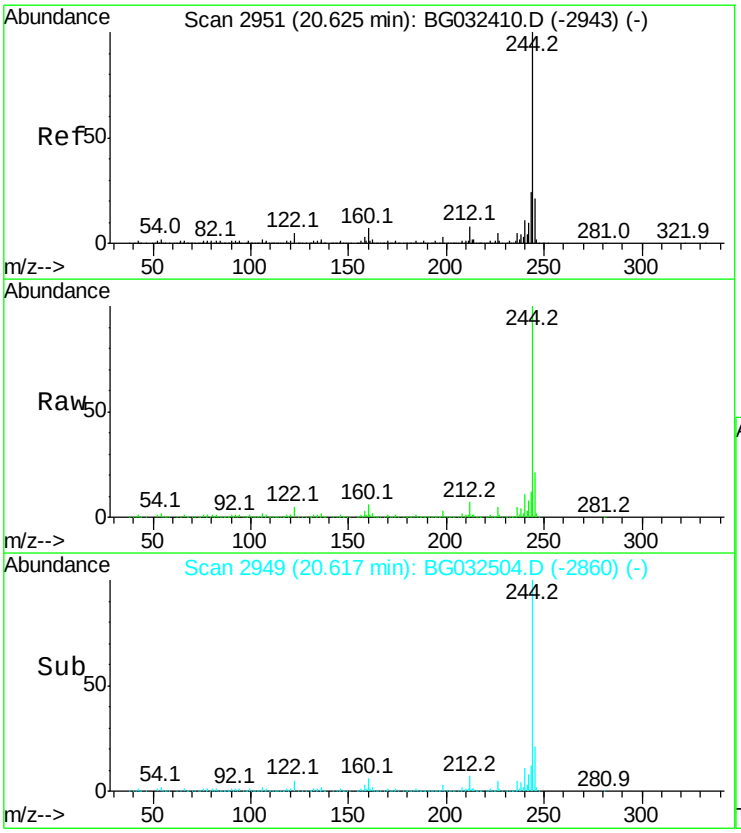
#76
Benzidine
Concen: 2.879 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 13919

Ion	Ratio	Lower	Upper
184	100		
185	20.4	11.1	16.7#
183	8.9	10.6	16.0#

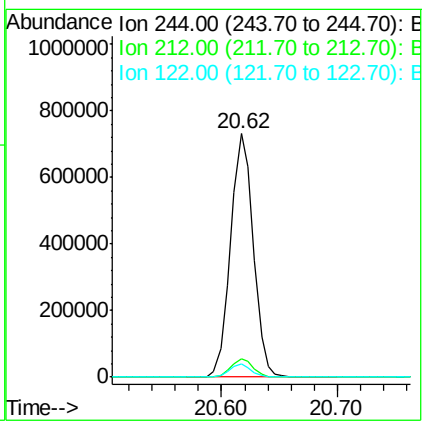


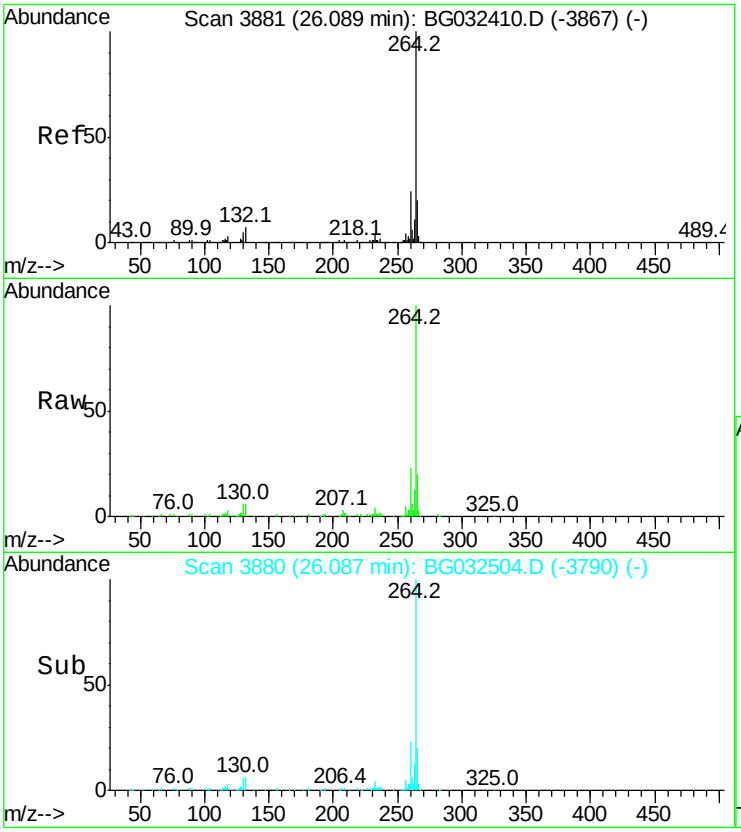


#78
Terphenyl-d14
Concen: 86.684 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:244 Resp: 996483

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 270310

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.5	17.7	26.5