Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032483.D
Acq On : 1 Feb 2018 3:25
Operator : SJ/JU
Sample : J1383-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 04:38:38 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	28689	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	108980	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	78116	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	209193	20.00	ng	0.00
75) Chrysene-d12	22.41	240	277019	20.00	ng	-0.01
86) Perylene-d12	26.08	264	289097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	185779	130.07	ng	0.00
7) Phenol-d6	7.83	99	209571	109.95	ng	0.00
23) Nitrobenzene-d5	9.91	82	162902	93.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	216933	145.89	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	597929	90.98	ng	-0.01
78) Terphenyl-d14	20.62	244	1260654	97.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	25166	19.914	ng	# 70
31) Naphthalene	11.65	128	13791	2.591	ng	# 89
32) Benzoic acid	11.16	122	54	7.325	ng	# 1
50) 2,6-Dinitrotoluene	15.34	165	10326	6.830	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	10326	4.797	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	18338	5.917	ng	# 1
76) Benzidine	20.62	184	18258	3.357	ng	# 88

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

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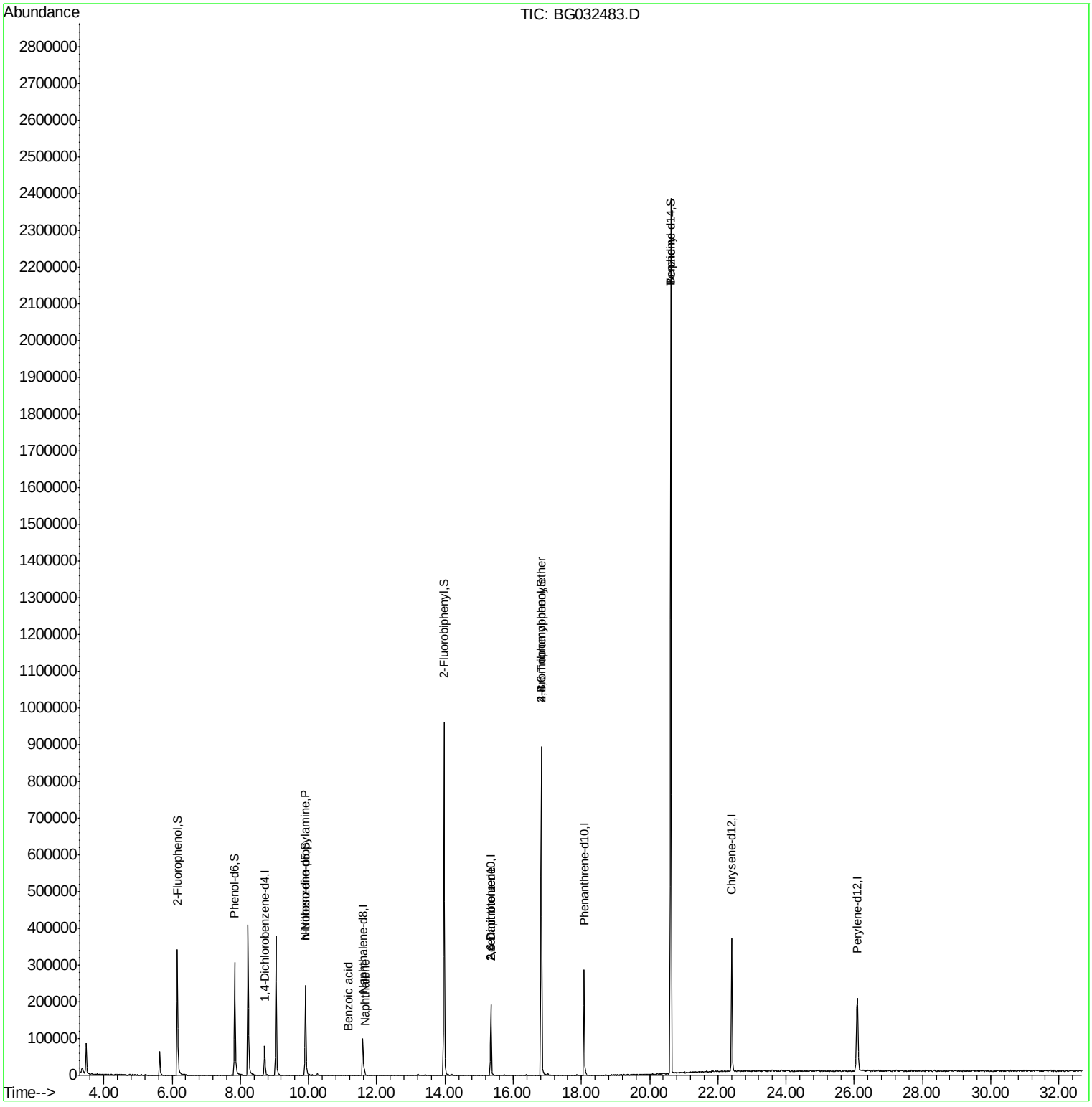
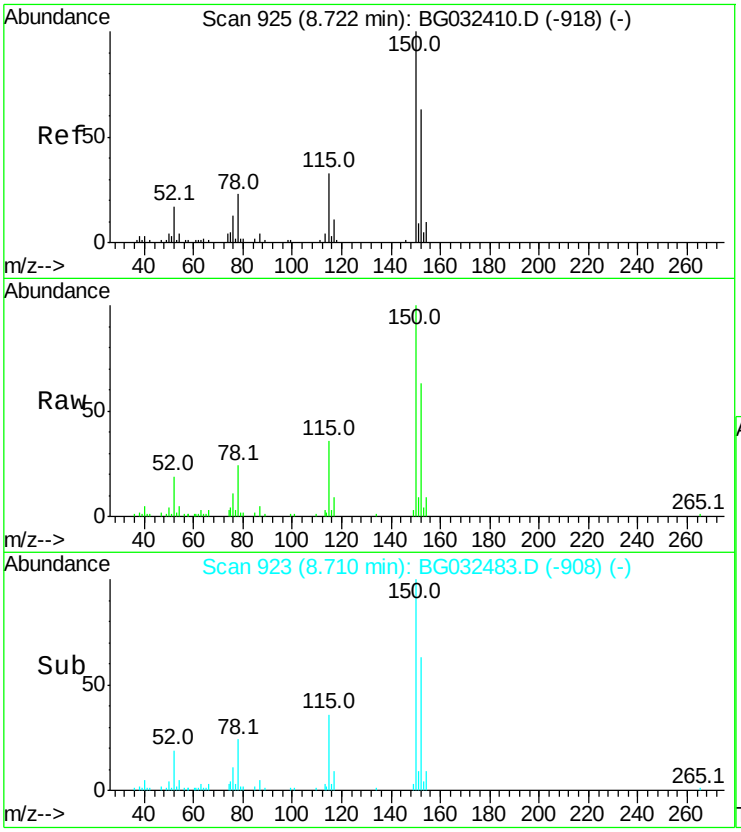


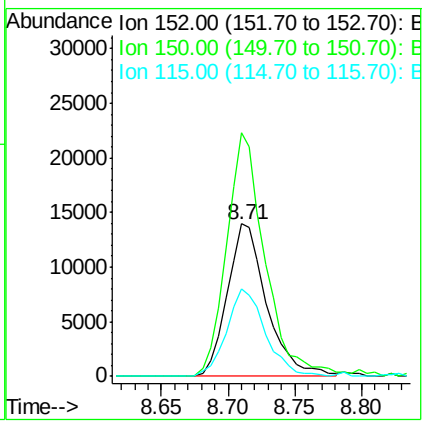


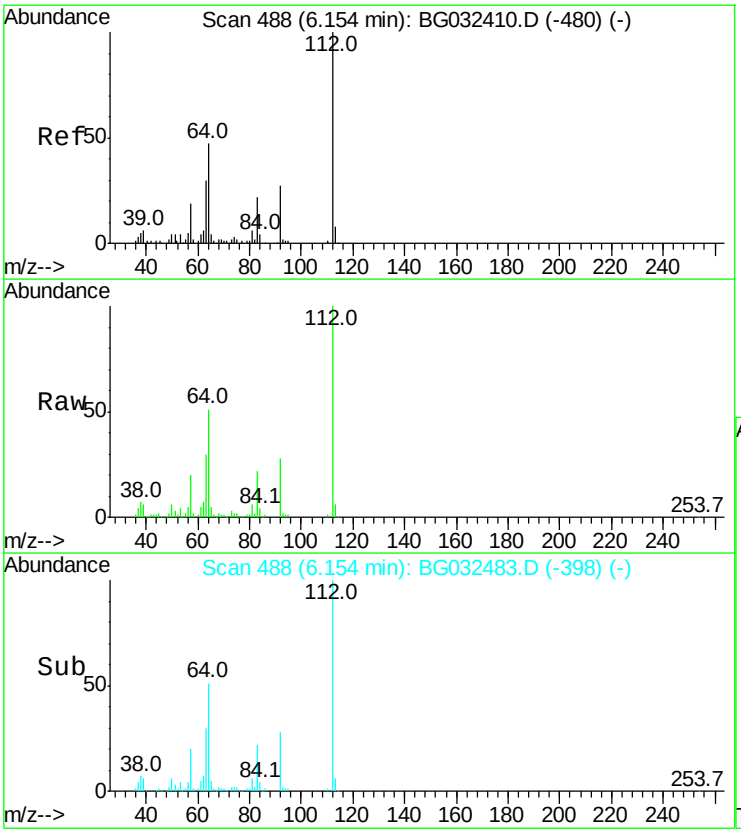
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28689

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.6	189.8
115	57.3	53.0	79.4

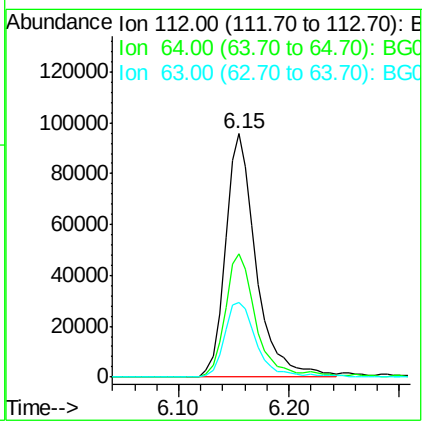


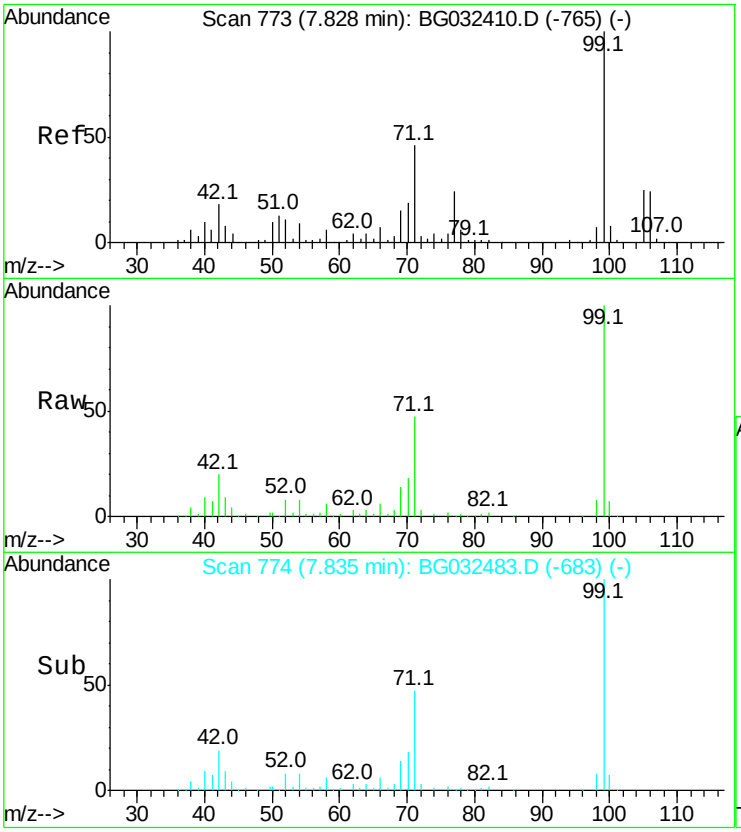


#5
2-Fluorophenol
Concen: 130.066 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:112 Resp: 185779

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	30.4	30.1	45.1



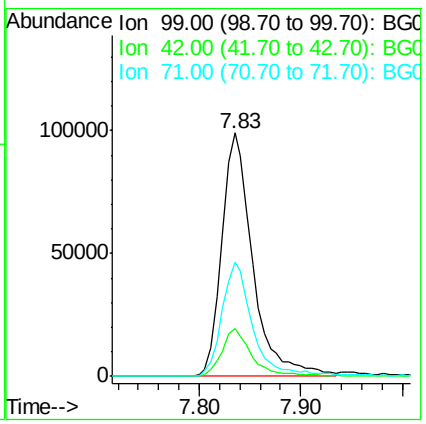


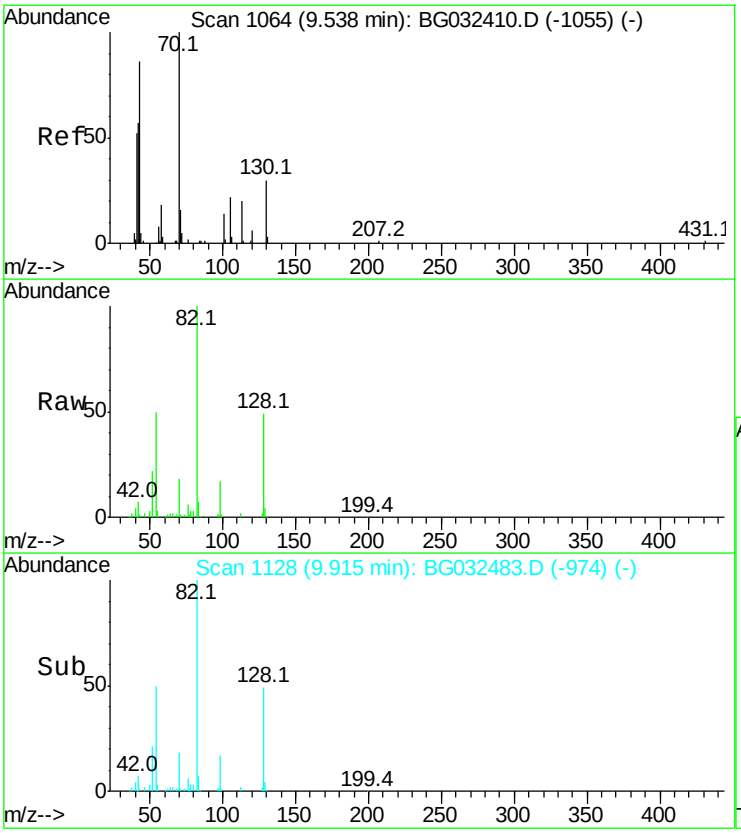
#7
Phenol-d6
Concen: 109.953 ng
RT: 7.83 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 209571

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.1	21.1
71	46.8	26.1	39.1#

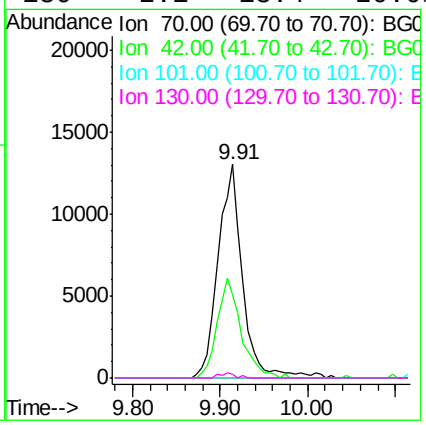


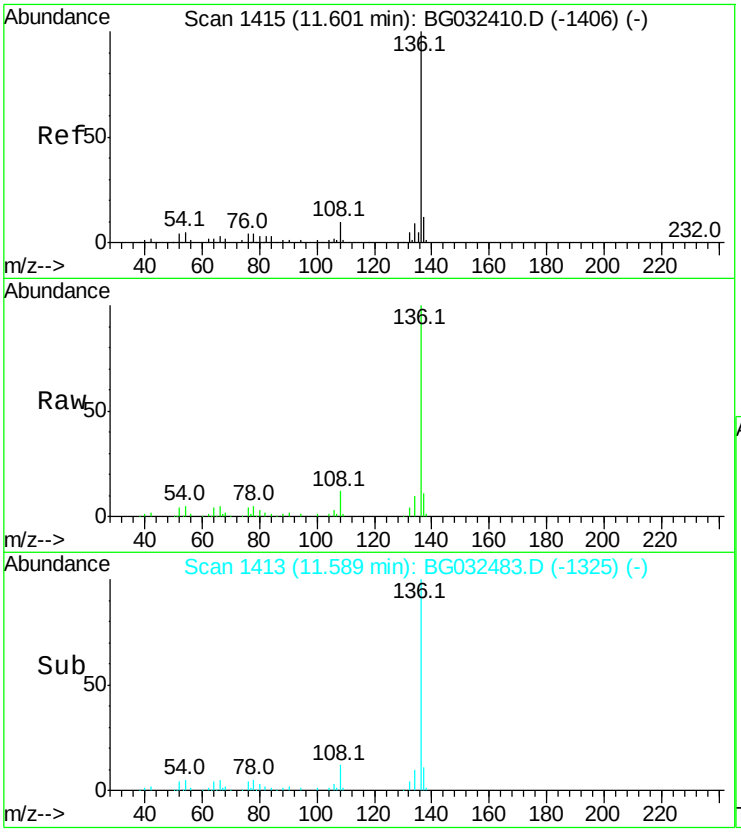


#19
n-Nitroso-di-n-propylamine
Concen: 19.914 ng
RT: 9.91 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion: 70 Resp: 25166

Ion	Ratio	Lower	Upper
70	100		
42	39.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



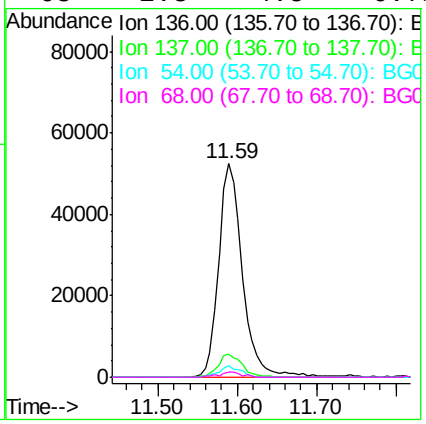


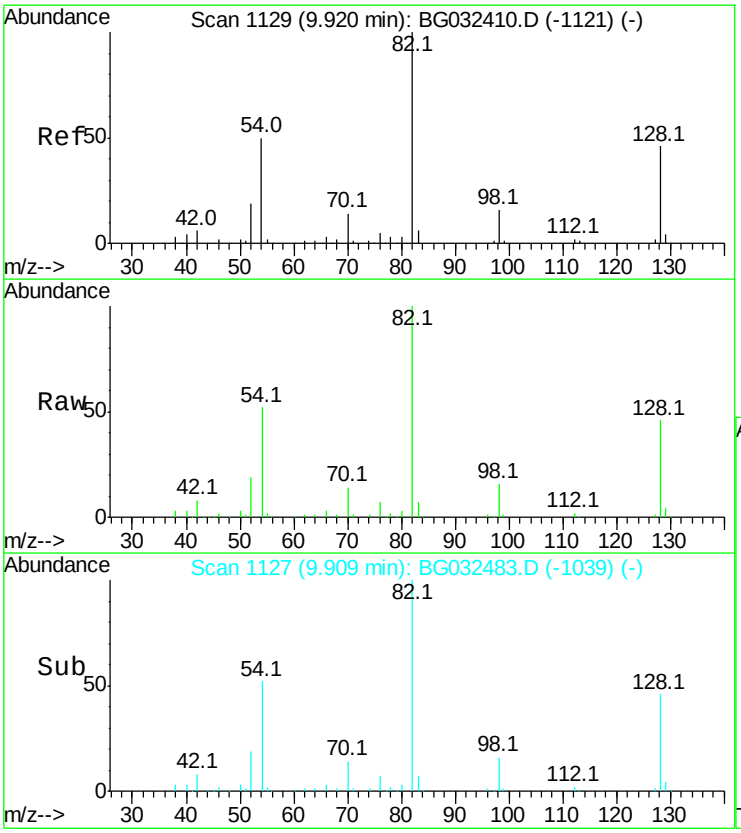
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 108980

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.3	10.3	15.5#
68	2.3	4.5	6.7#

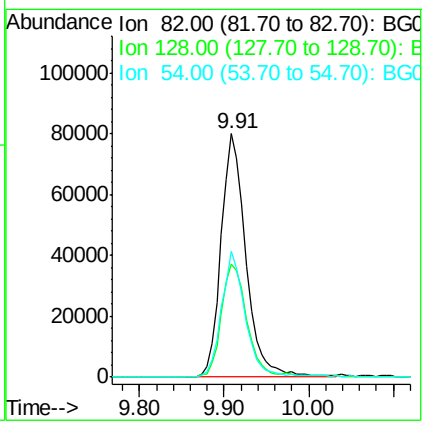


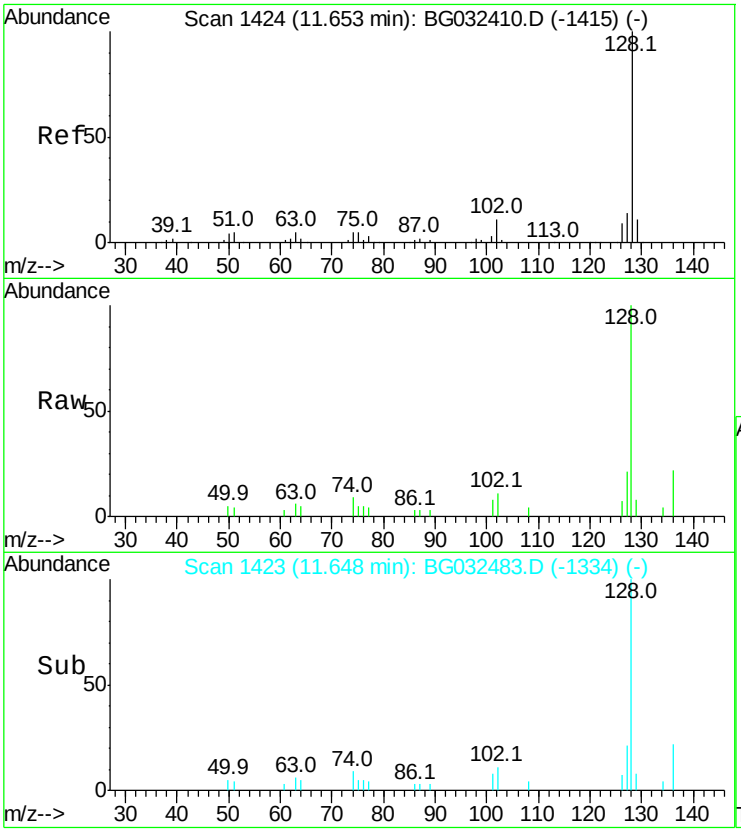


#23
Nitrobenzene-d5
Concen: 93.365 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion: 82 Resp: 162902

Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	51.6	43.1	64.7



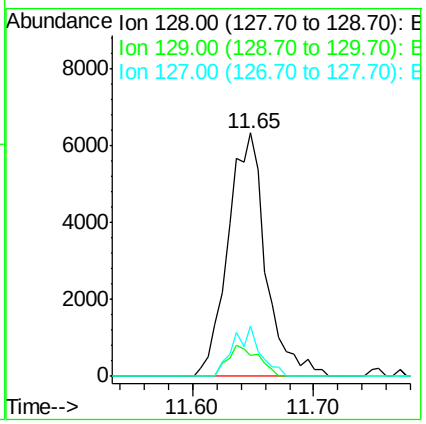


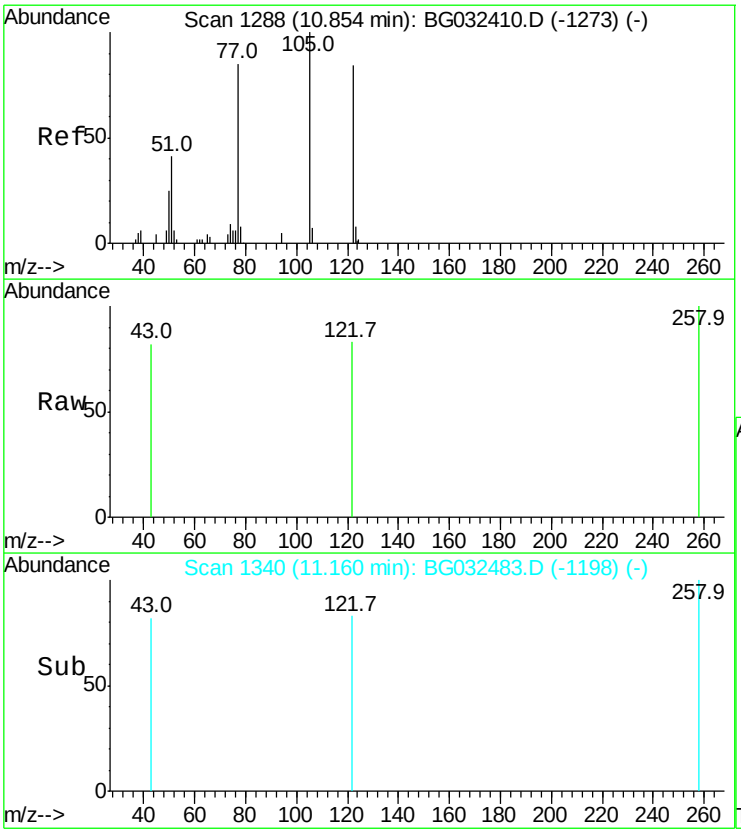
#31
Naphthalene
Concen: 2.591 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 13791

Ion	Ratio	Lower	Upper
128	100		
129	8.4	8.6	12.8#
127	20.5	11.6	17.4#

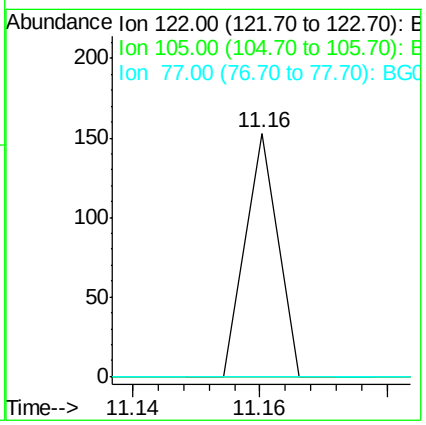


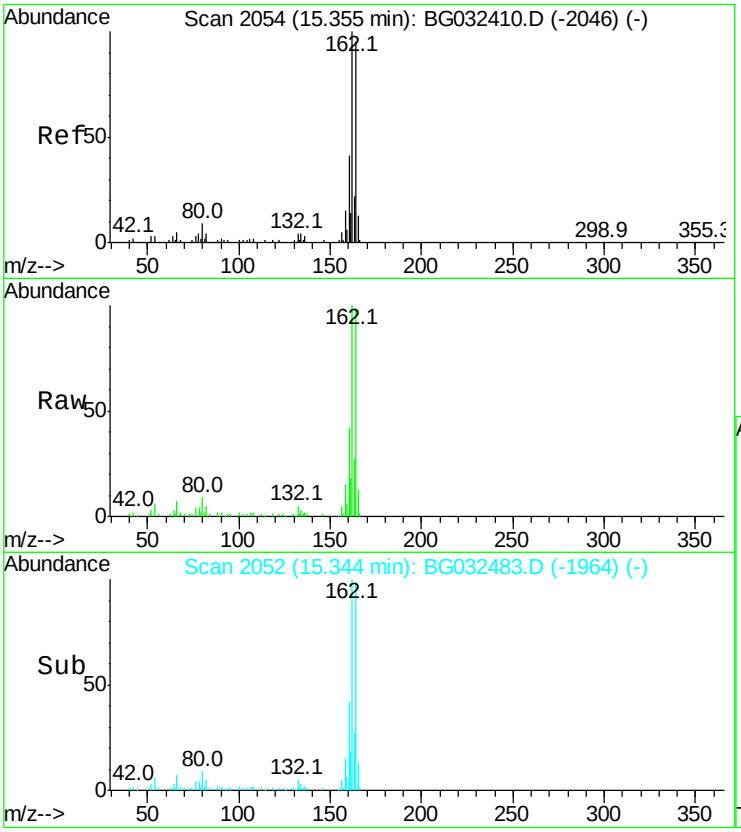


#32
Benzoic acid
Concen: 7.325 ng
RT: 11.16 min Scan# 1340
Delta R.T. 0.31 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:122 Resp: 54

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



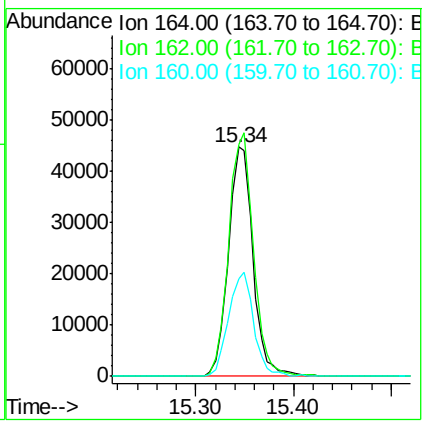


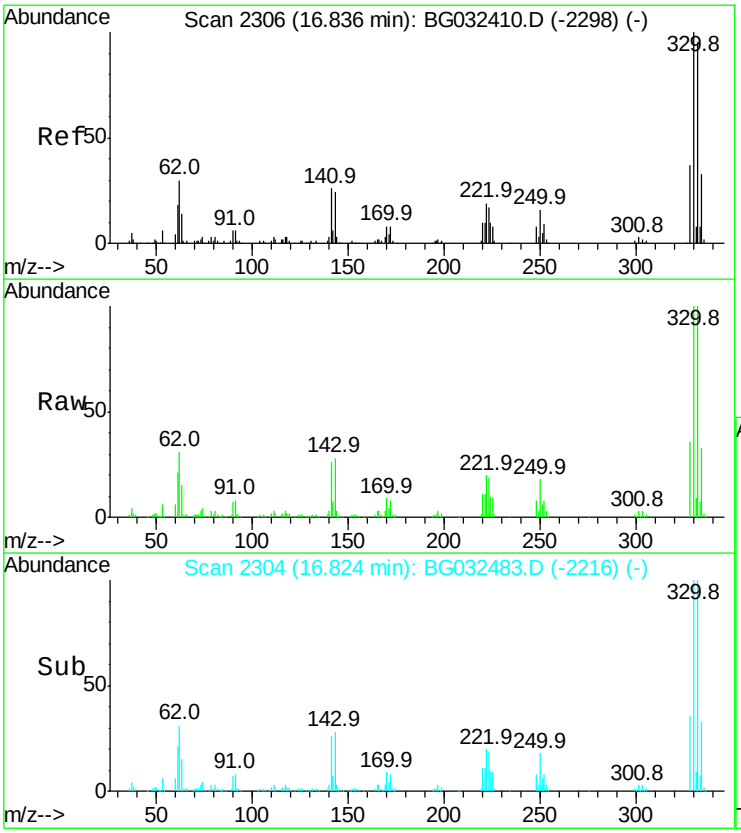
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 78116

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	42.7	35.4	53.0

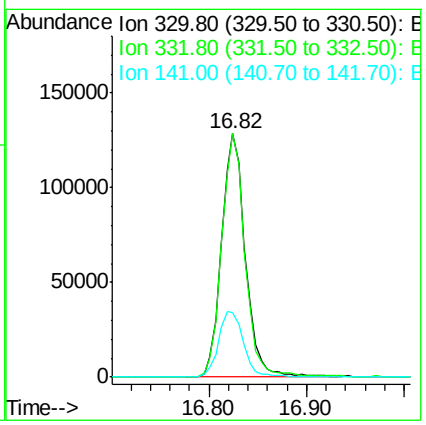


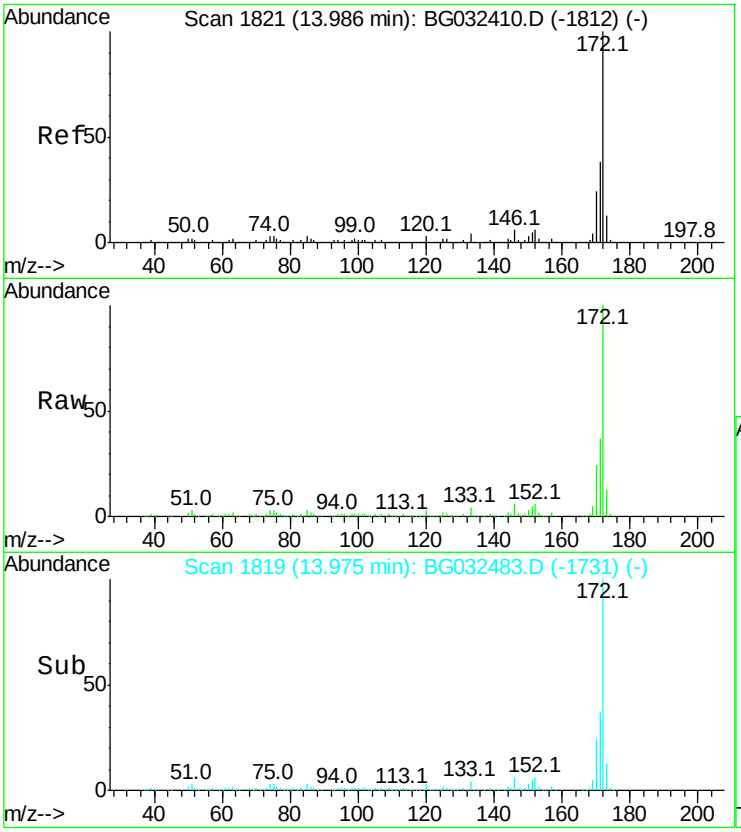


#41
2,4,6-Tribromophenol
Concen: 145.892 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:330 Resp: 216933

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.2	25.2	37.8



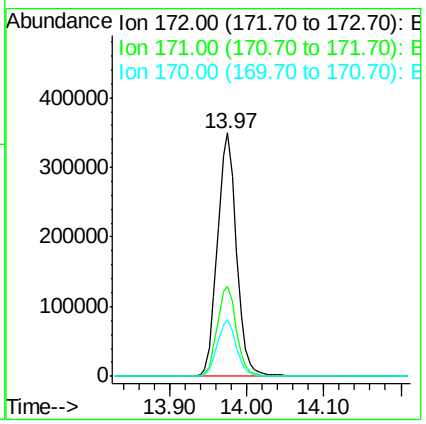


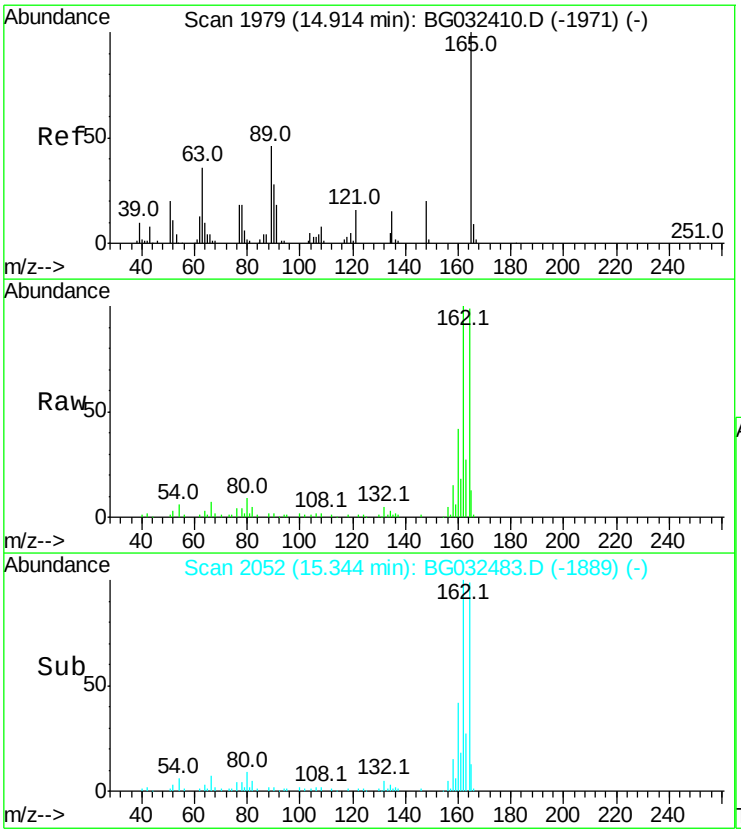
#44
2-Fluorobiphenyl
Concen: 90.977 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 597929

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.6	19.5	29.3

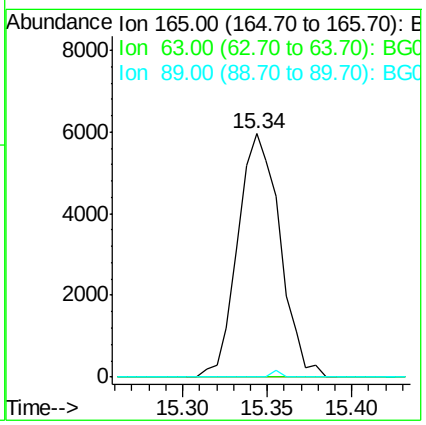


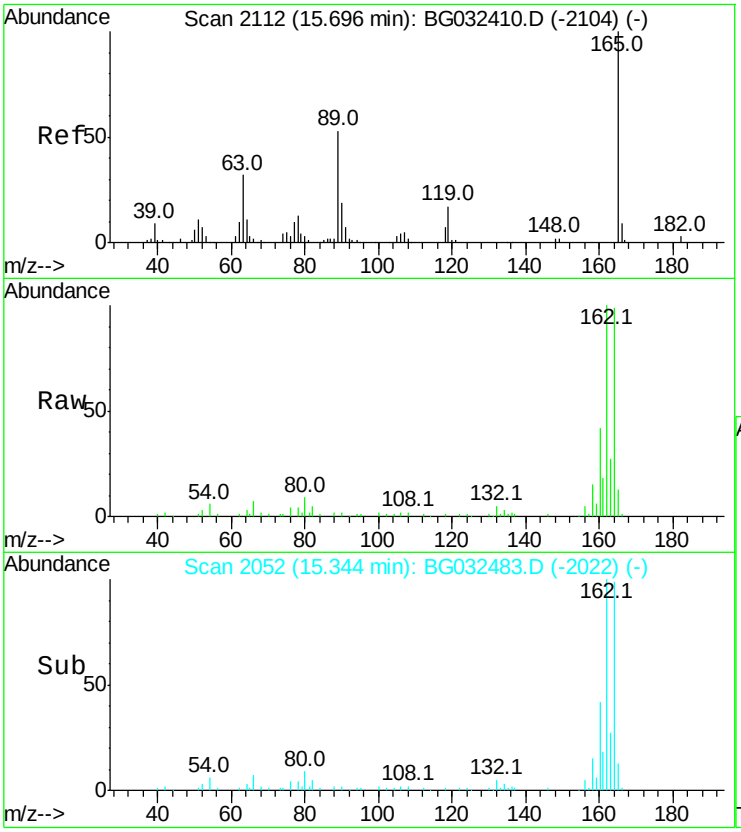


#50
2,6-Dinitrotoluene
Concen: 6.830 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:165 Resp: 10326

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



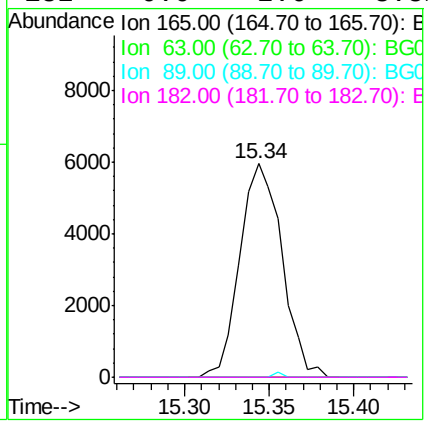


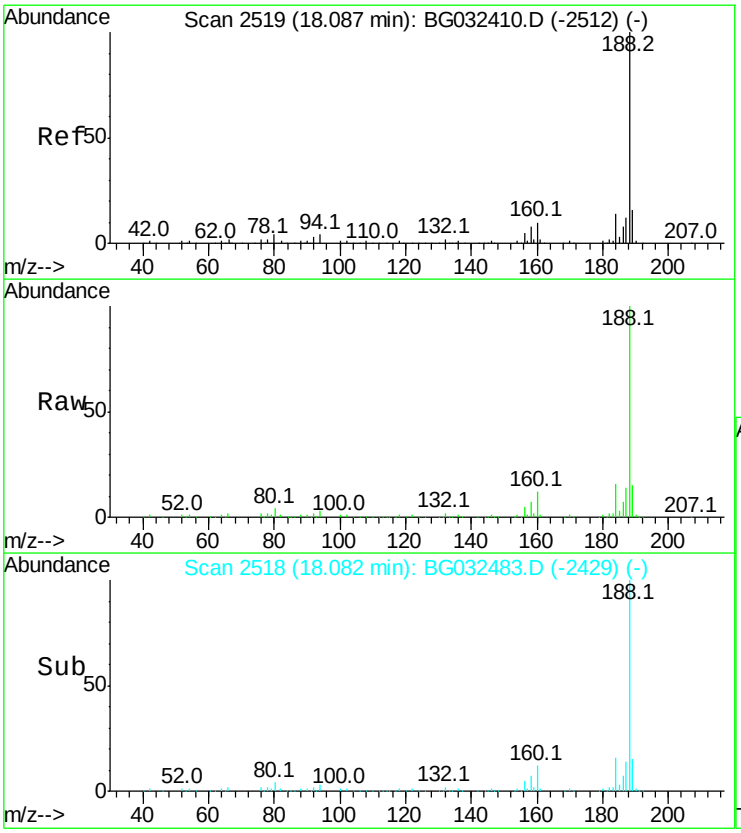
#56
2,4-Dinitrotoluene
Concen: 4.797 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10326

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#

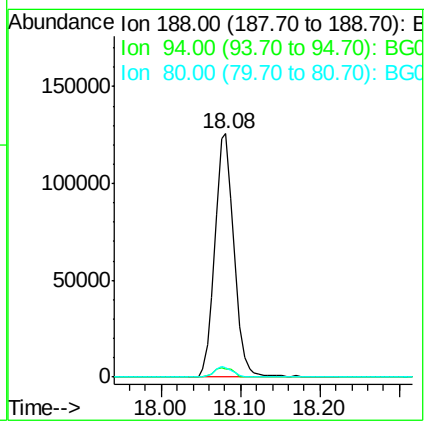


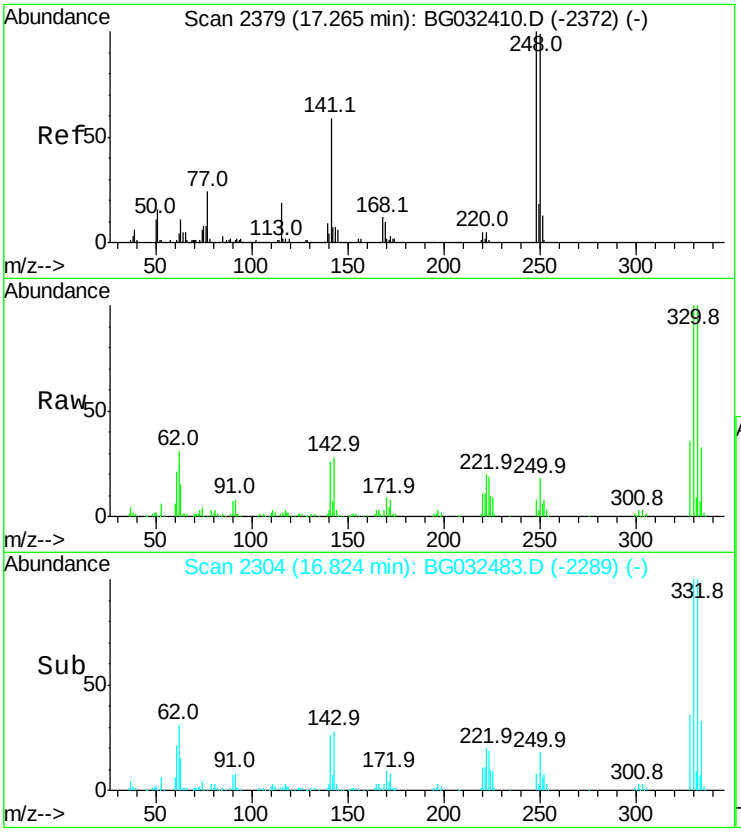


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:188 Resp: 209193

Ion	Ratio	Lower	Upper
188	100		
94	3.4	6.9	10.3#
80	4.0	7.7	11.5#



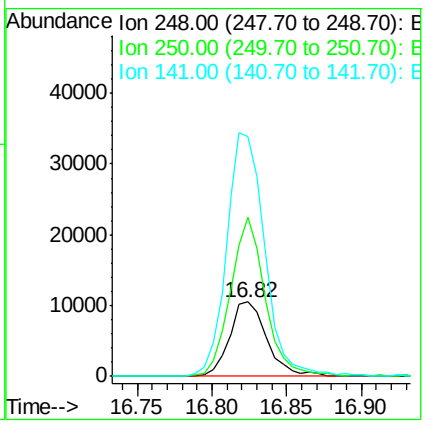


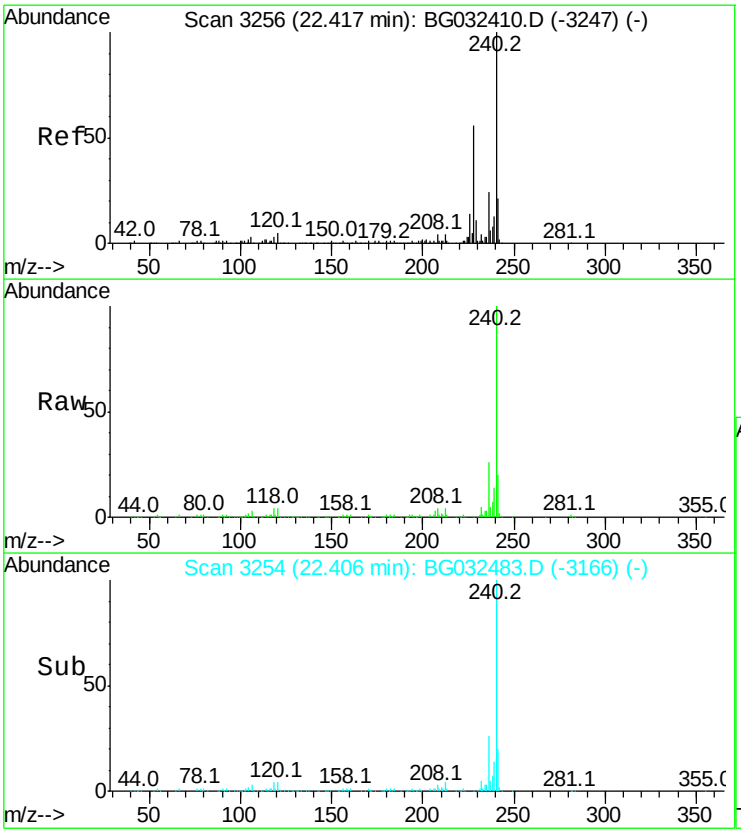
#66
4-Bromophenyl-phenylether
Concen: 5.917 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18338

Ion	Ratio	Lower	Upper
248	100		
250	215.5	77.1	115.7#
141	324.2	50.8	76.2#

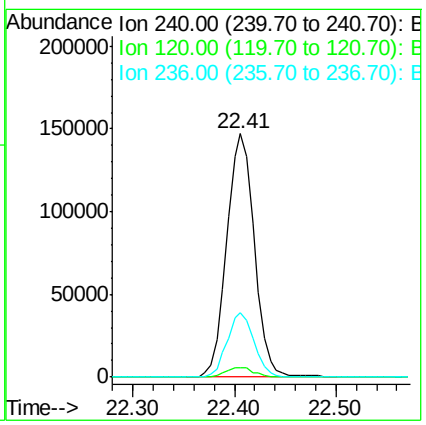


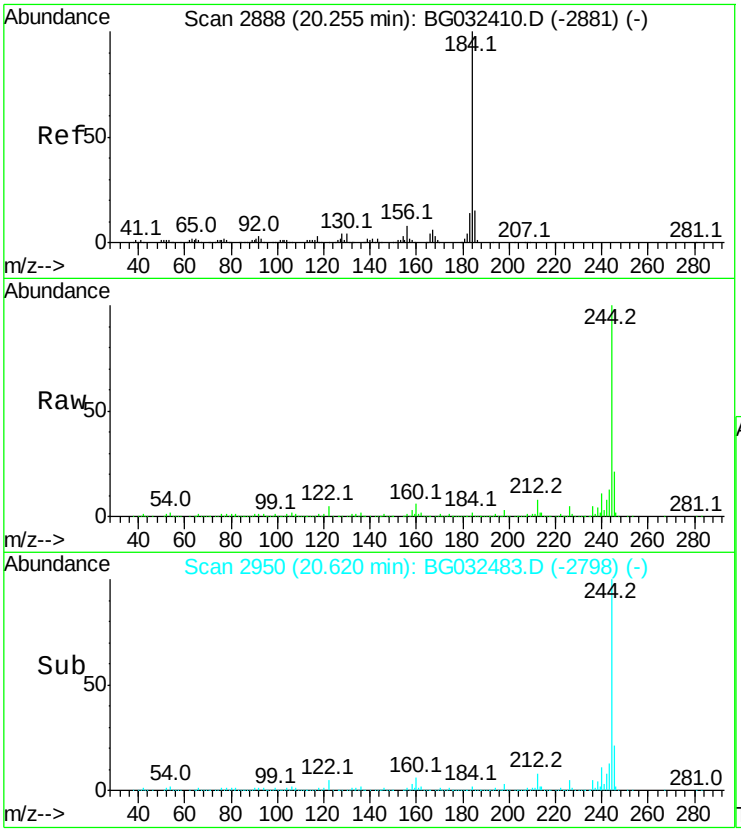


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:240 Resp: 277019

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	26.3	20.9	31.3



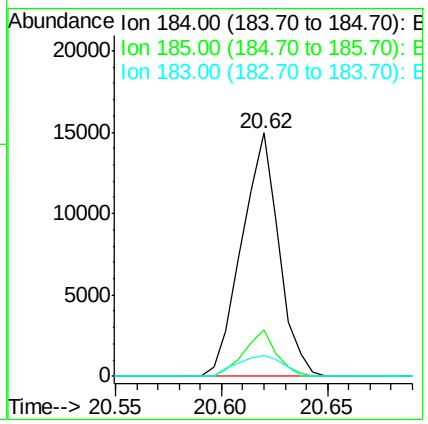


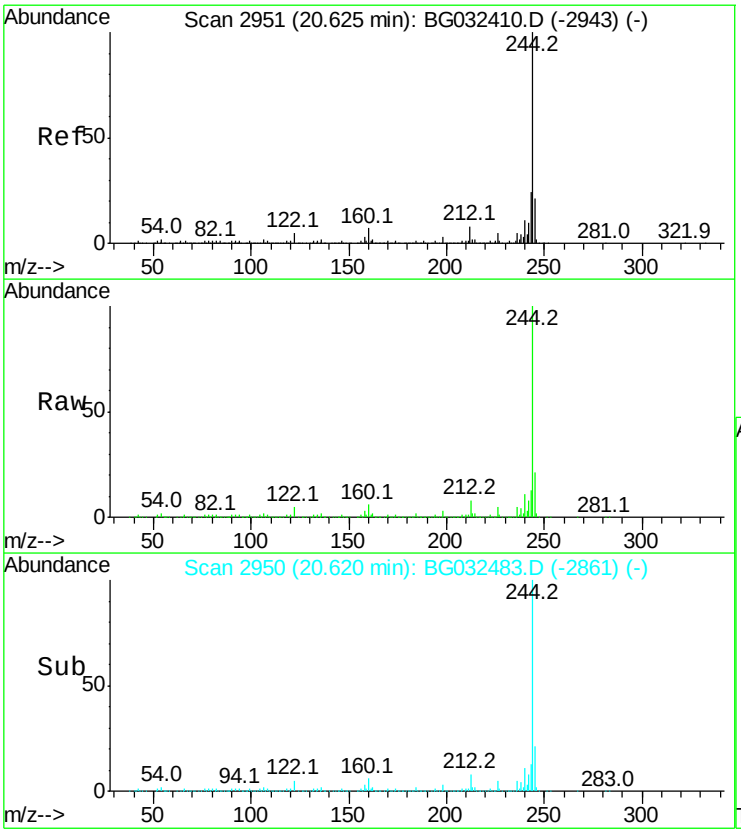
#76
Benzidine
Concen: 3.357 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.36 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18258

Ion	Ratio	Lower	Upper
184	100		
185	18.8	11.1	16.7#
183	8.5	10.6	16.0#

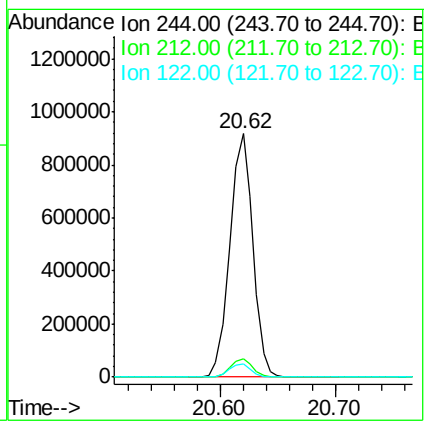


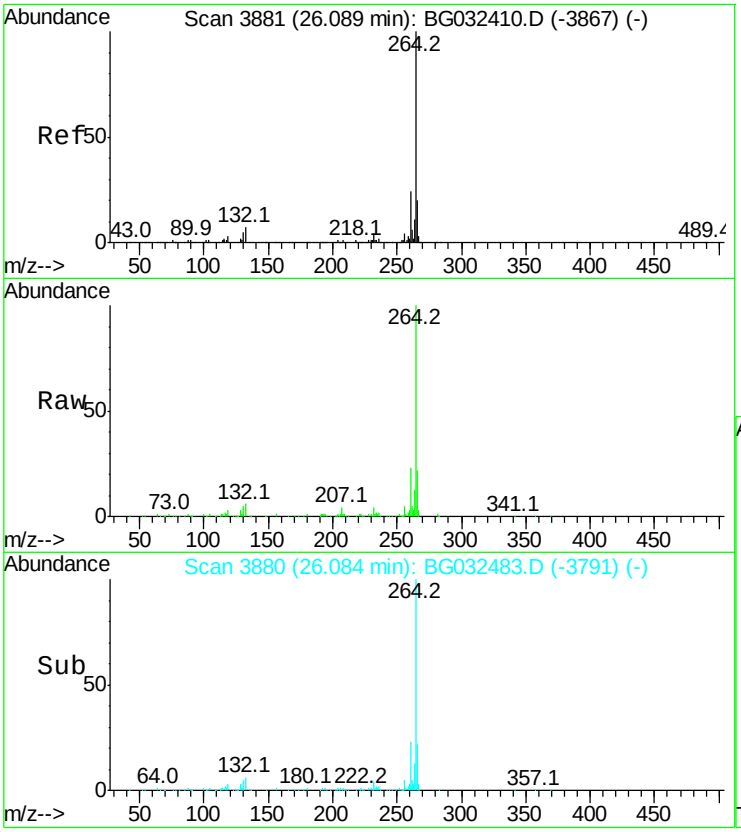


#78
Terphenyl-d14
Concen: 97.482 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Tgt Ion:244 Resp: 1260654

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BG032483.D
Acq: 1 Feb 2018 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 289097

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