Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032618.D
Acq On : 8 Feb 2018 19:57
Operator : SJ/JU
Sample : J1473-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 09 02:36:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	31276	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	121690	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	98915	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	276695	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	318047	20.00	ng	-0.01
86) Perylene-d12	26.06	264	328117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	218166	140.11	ng	-0.02
7) Phenol-d6	7.81	99	245922	118.35	ng	-0.02
23) Nitrobenzene-d5	9.88	82	200681	103.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	251971	133.82	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	728556	87.54	ng	-0.02
78) Terphenyl-d14	20.60	244	1402370	94.45	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	9.03	79	3646	2.13	ng	# 54
19) n-Nitroso-di-n-propylamine	9.88	70	29038	21.08	ng	# 77
50) 2,6-Dinitrotoluene	15.32	165	13091	6.84	ng	# 22
53) 2,4-Dinitrophenol	15.37	184	56	4.15	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	13091	4.80	ng	# 20
66) 4-Bromophenyl-phenylether	16.80	248	21604	5.27	ng	# 1
76) Benzidine	20.60	184	20916	3.35	ng	# 92

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

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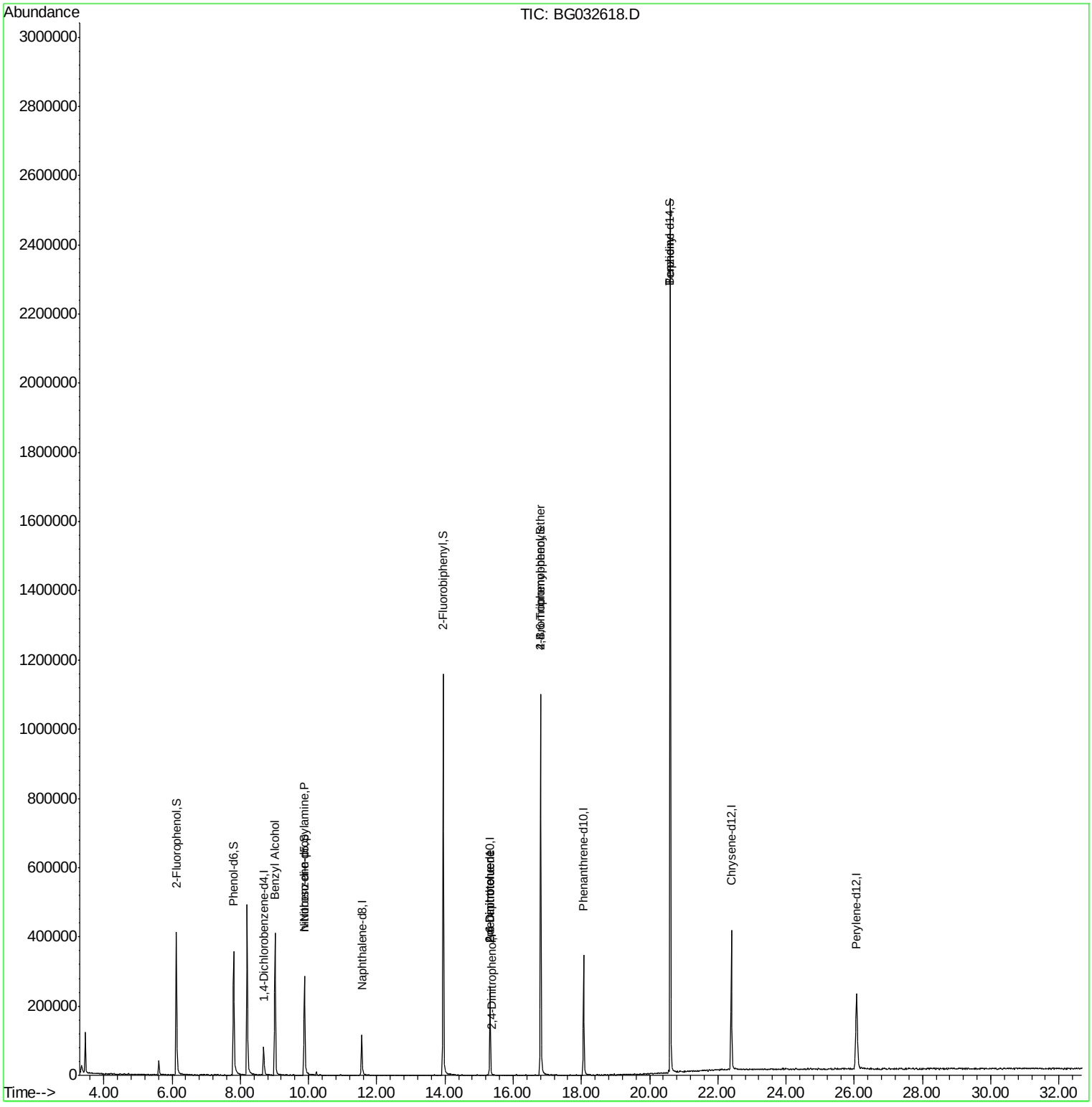
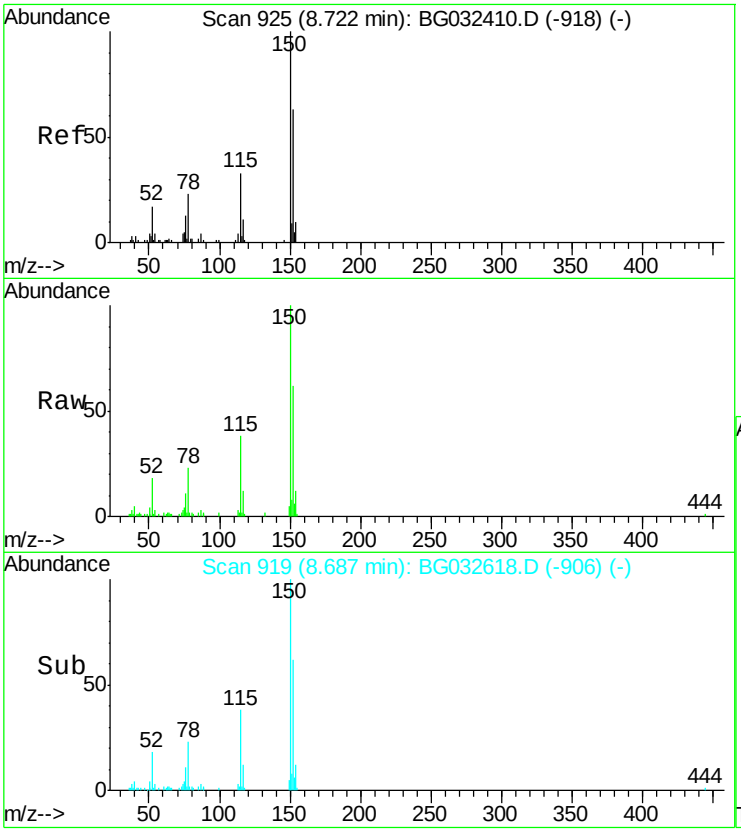


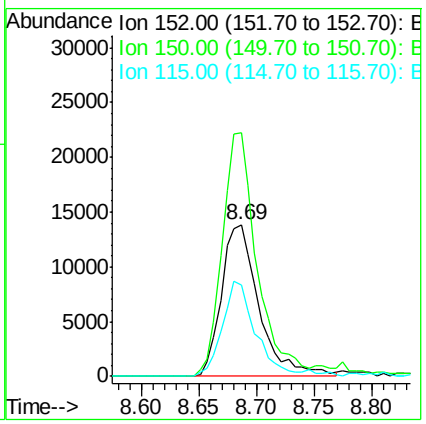


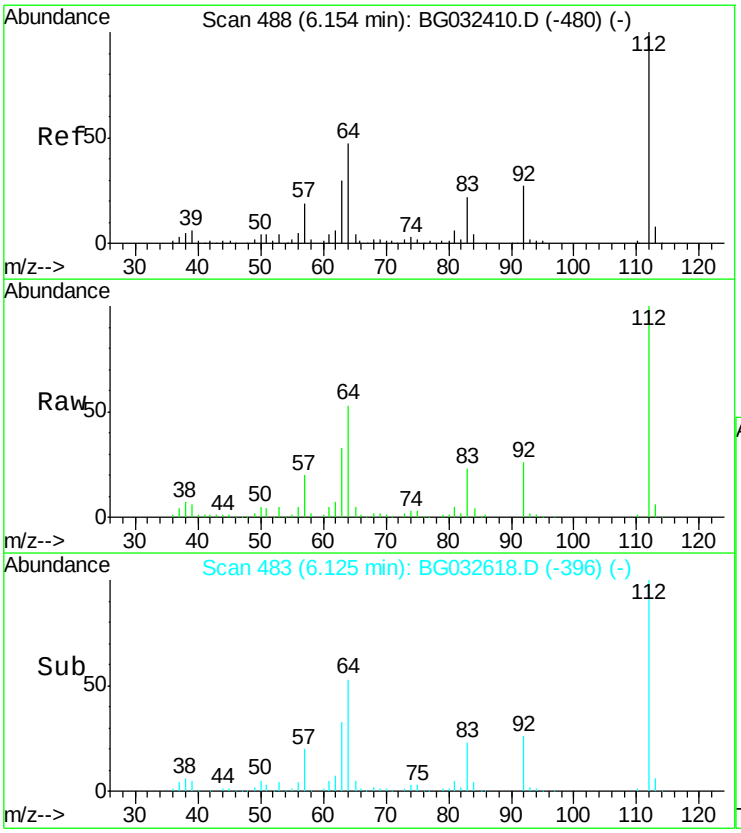
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31276

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	60.4	53.0	79.4

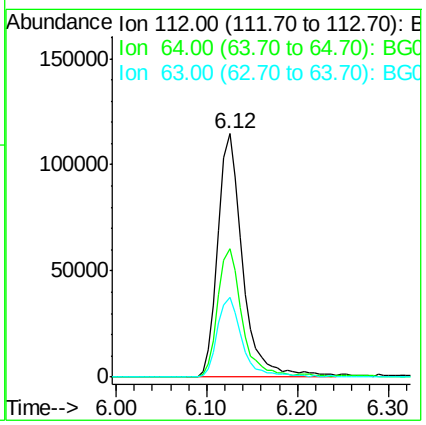


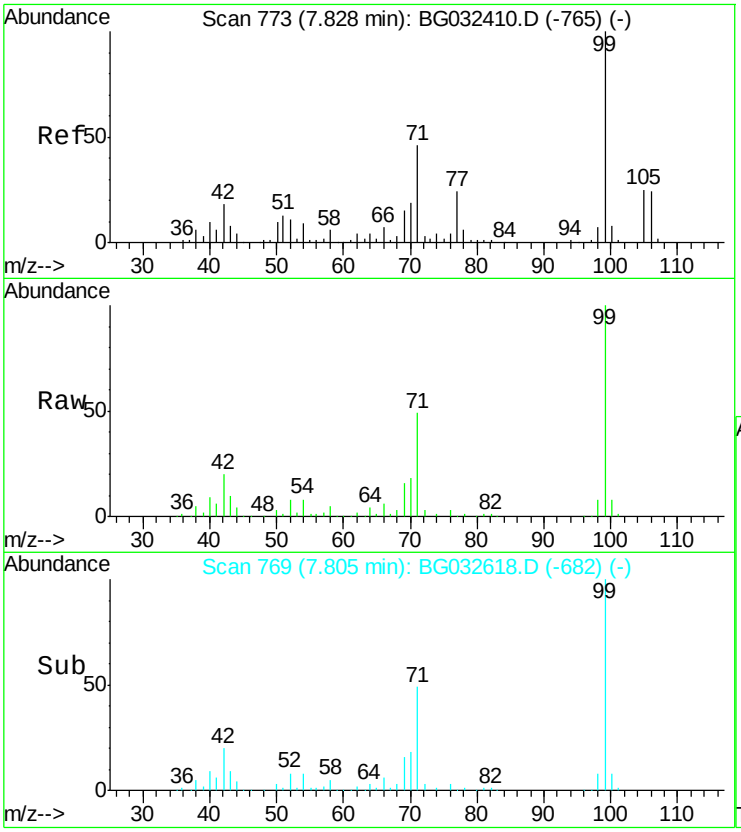


#5
2-Fluorophenol
Concen: 140.11 ng
RT: 6.12 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:112 Resp: 218166

Ion	Ratio	Lower	Upper
112	100		
64	52.7	56.3	84.5#
63	32.9	30.1	45.1



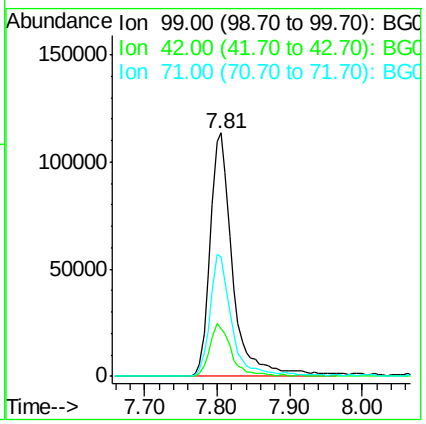


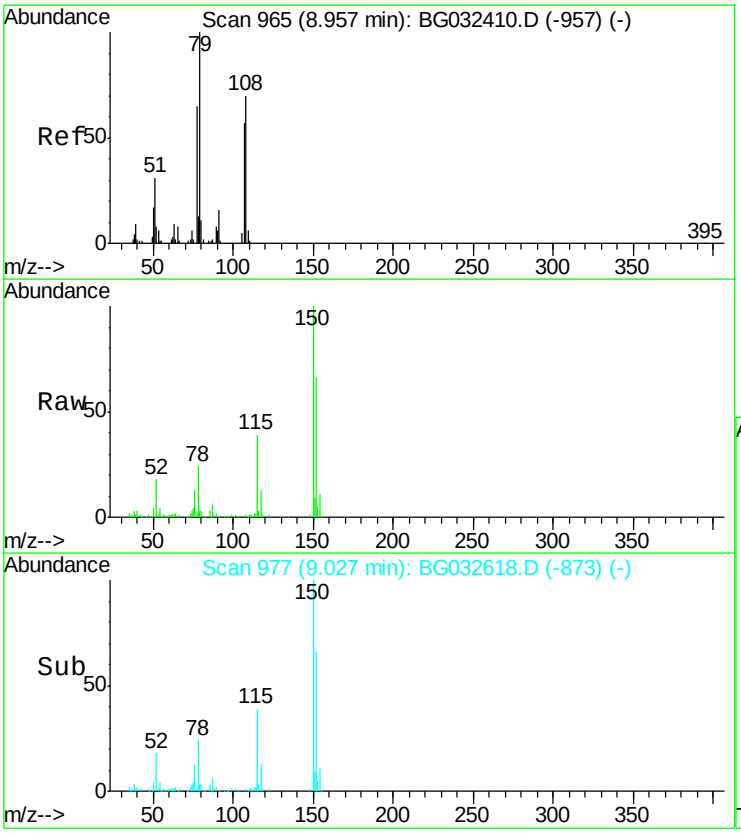
#7
Phenol-d6
Concen: 118.35 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 245922

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	48.9	26.1	39.1#

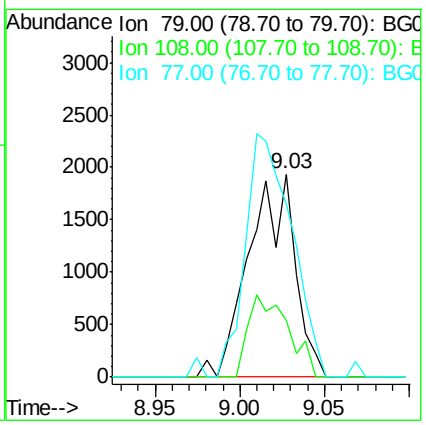


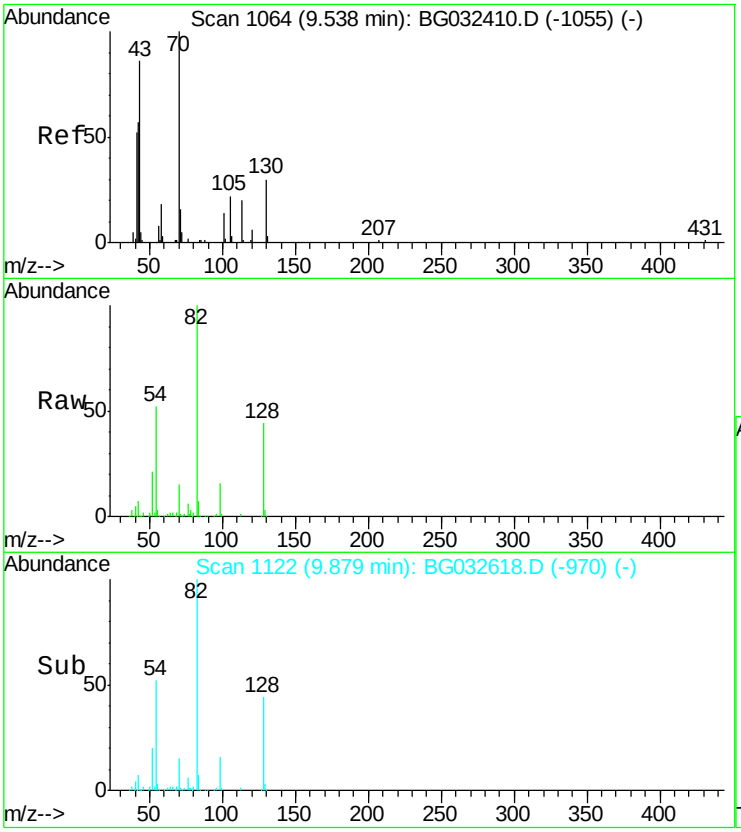


#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.08 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion: 79 Resp: 3646

Ion	Ratio	Lower	Upper
79	100		
108	27.8	57.2	85.8#
77	85.8	46.1	69.1#



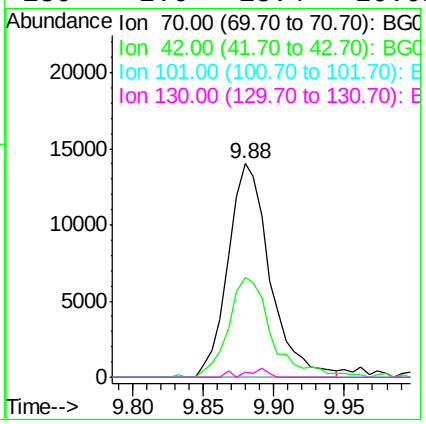


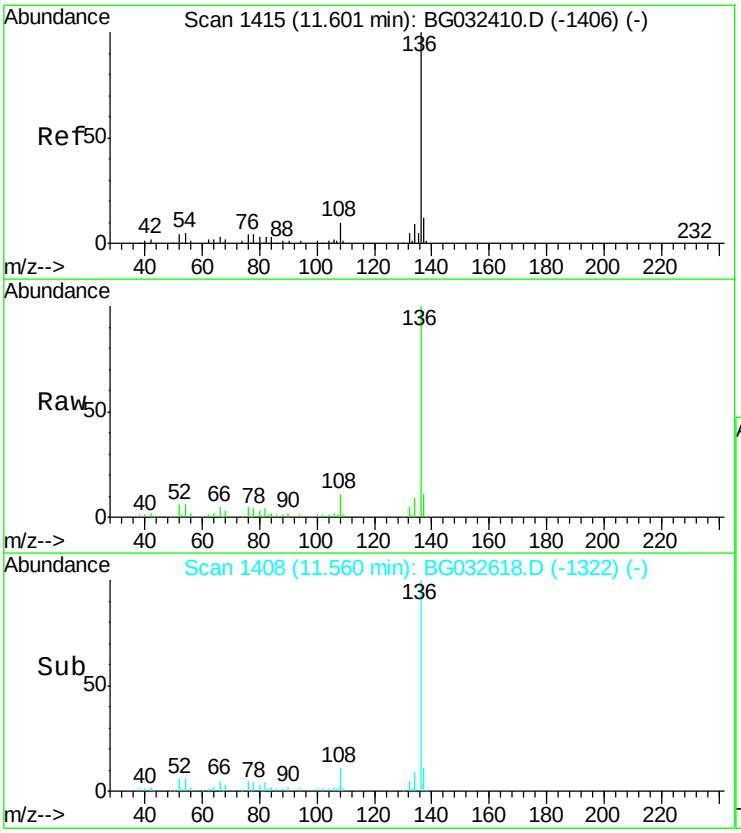
#19
n-Nitroso-di-n-propylamine
Concen: 21.08 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.36 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 29038

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#

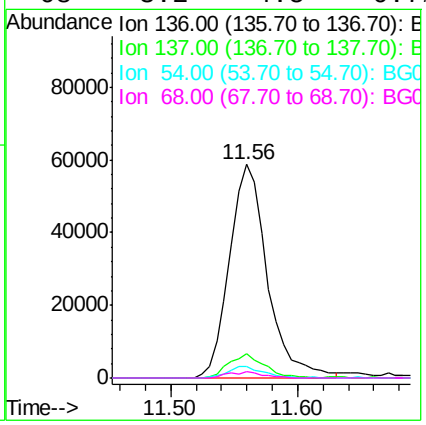


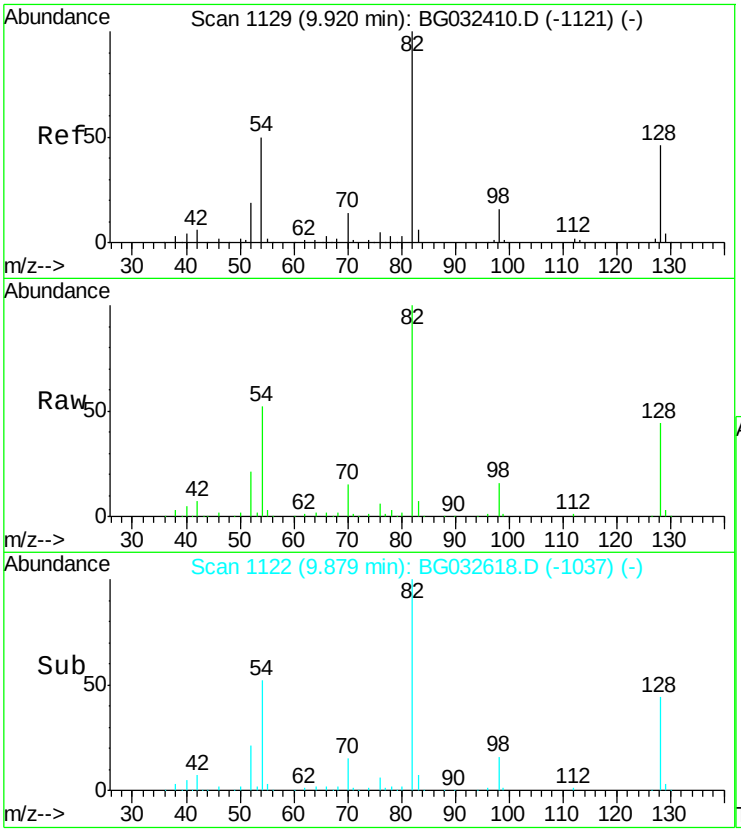


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:136 Resp: 121690

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.7	10.3	15.5#
68	3.2	4.5	6.7#



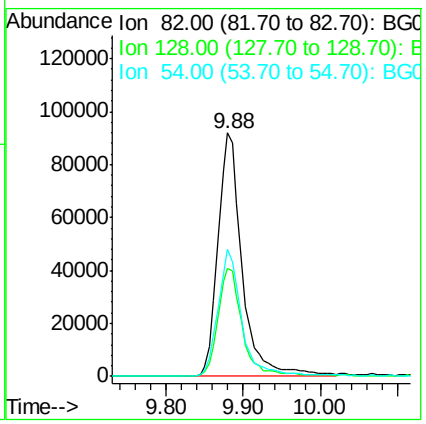


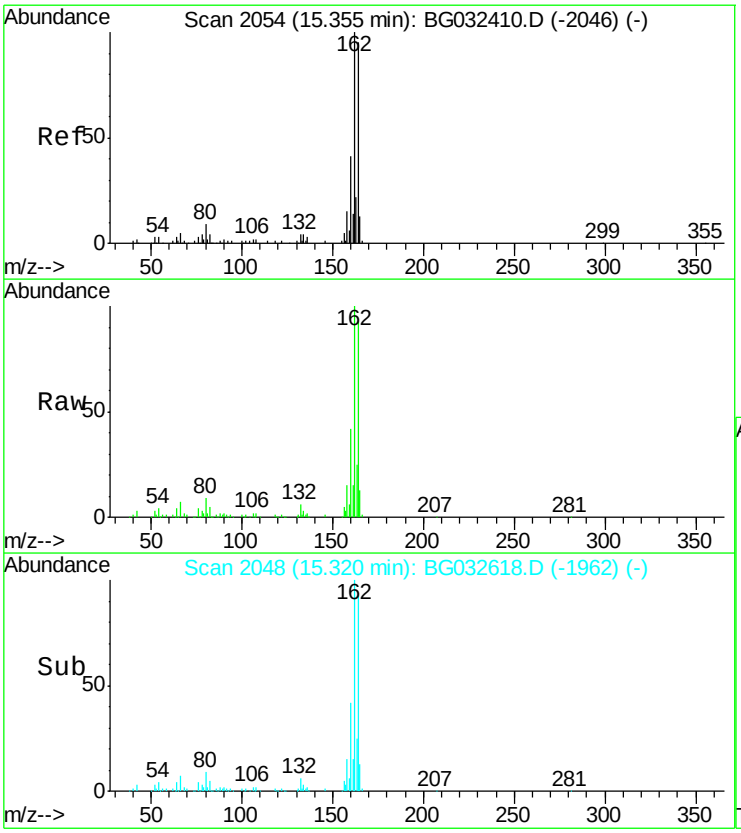
#23
Nitrobenzene-d5
Concen: 103.00 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 200681

Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	52.5	43.1	64.7

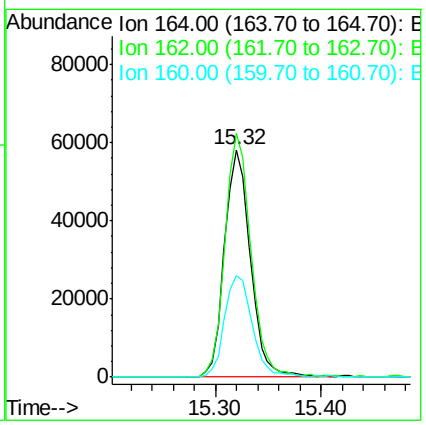


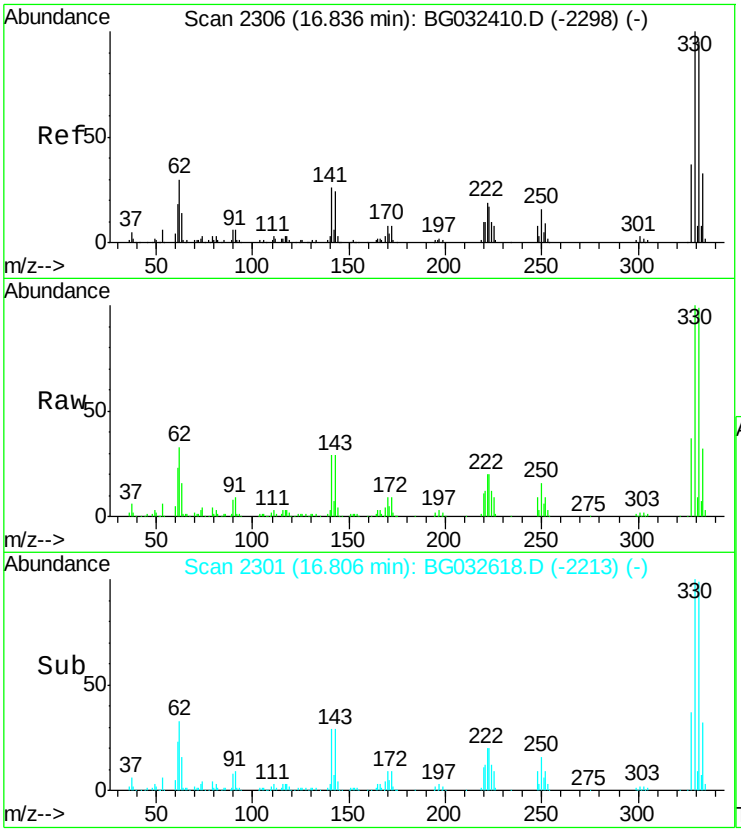


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:164 Resp: 98915

Ion	Ratio	Lower	Upper
164	100		
162	107.2	78.8	118.2
160	45.0	35.4	53.0



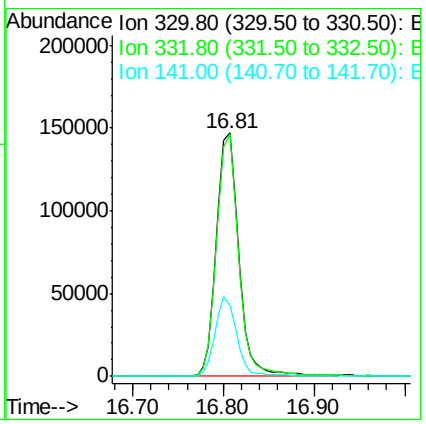


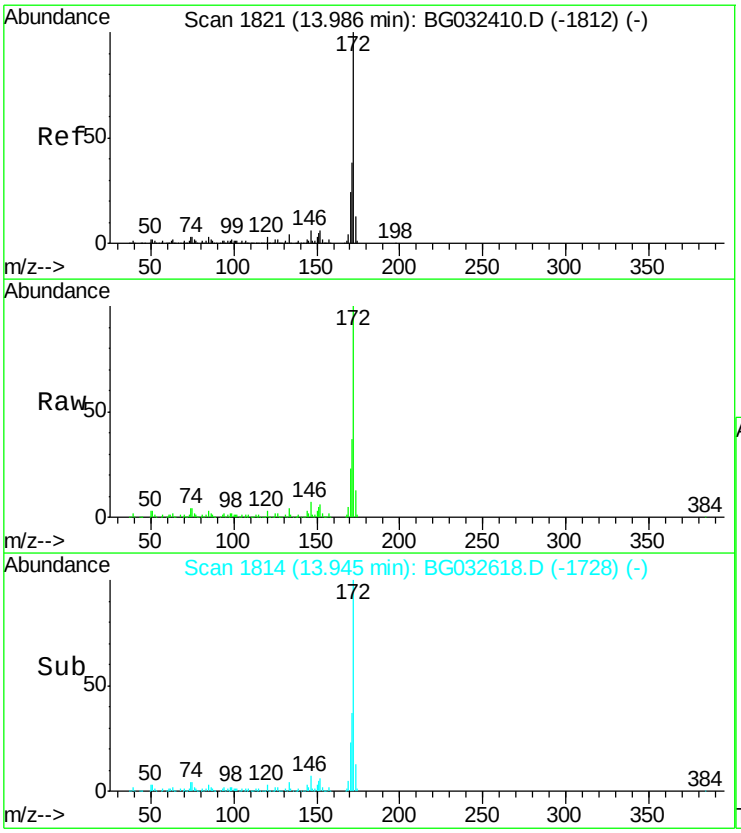
#41
2,4,6-Tribromophenol
Concen: 133.82 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 251971

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	31.7	25.2	37.8

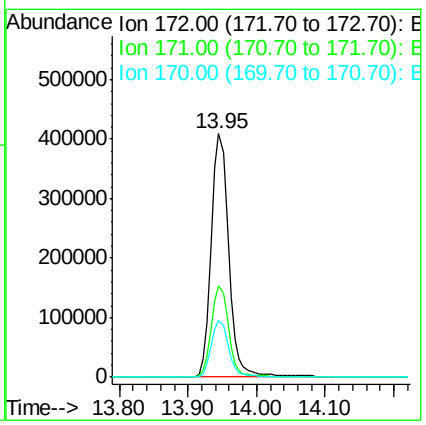


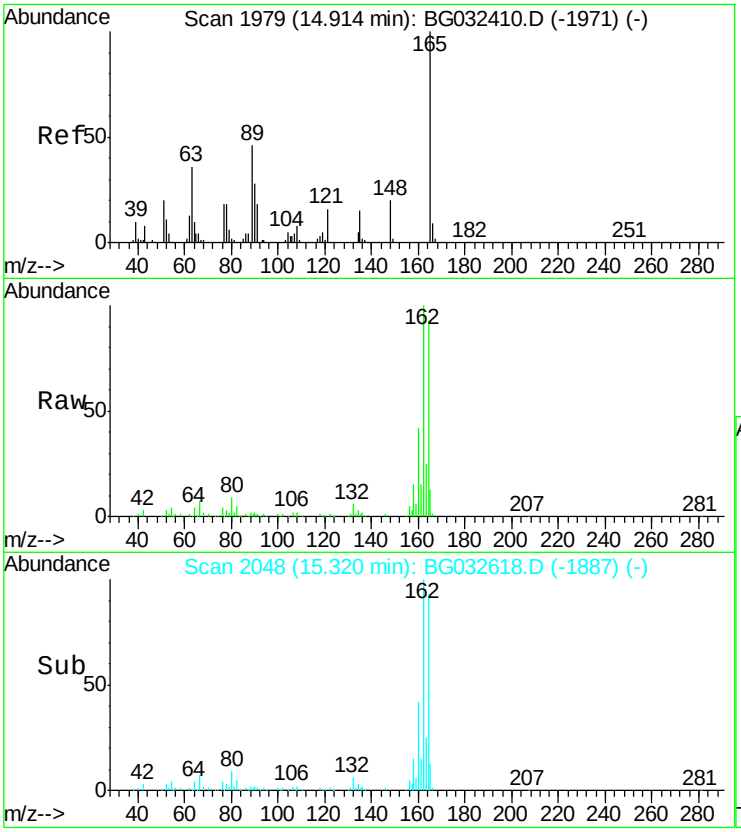


#44
2-Fluorobiphenyl
Concen: 87.54 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:172 Resp: 728556

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.3	19.5	29.3



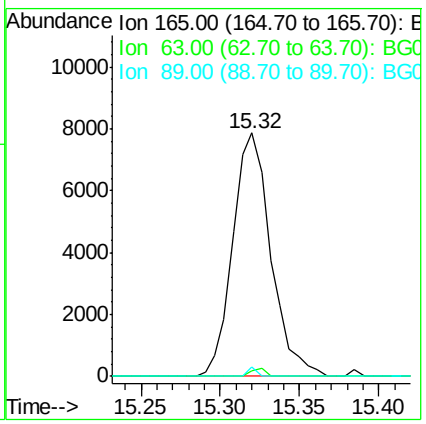


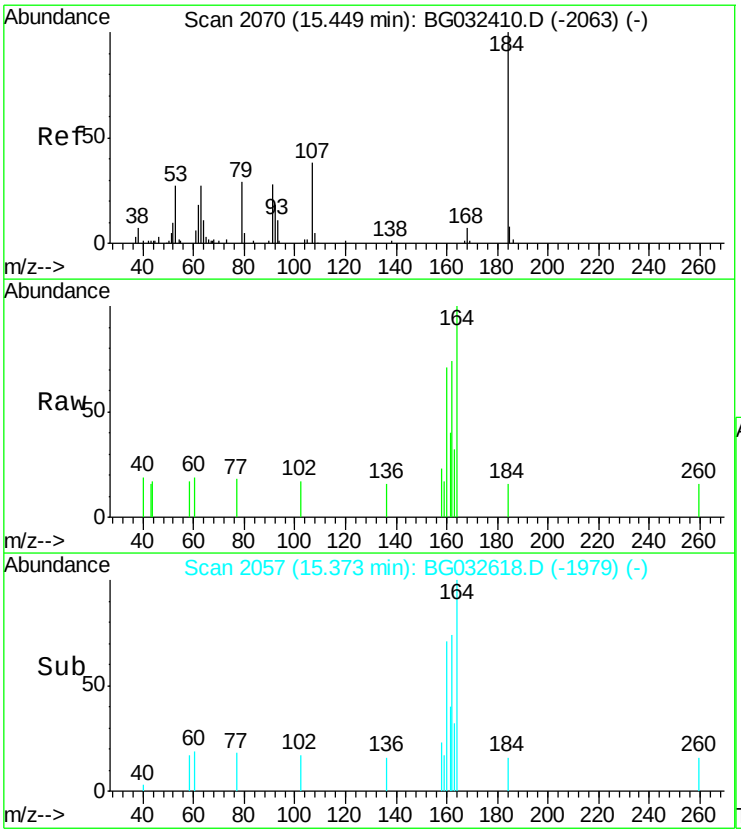
#50
2,6-Dinitrotoluene
Concen: 6.84 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13091

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	4.0	49.2	73.8#

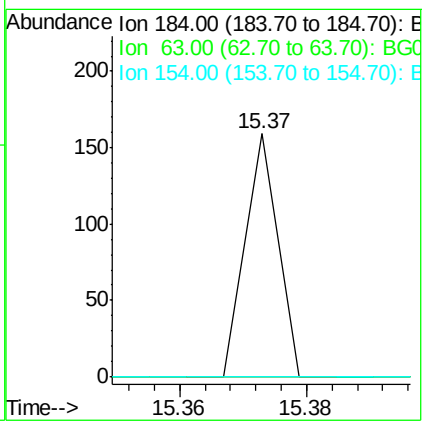


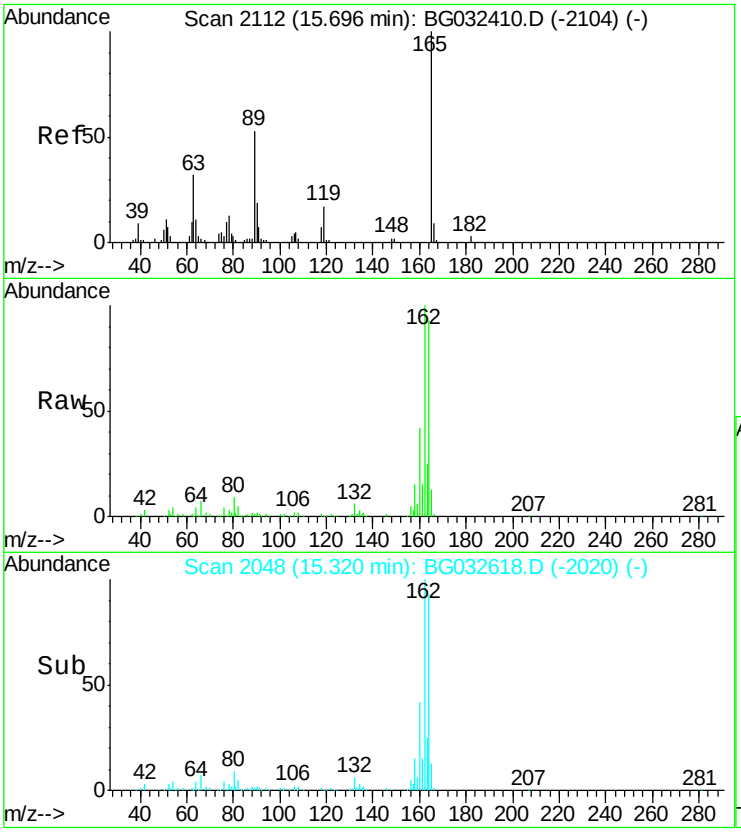


#53
2,4-Dinitrophenol
Concen: 4.15 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.07 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:184 Resp: 56

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



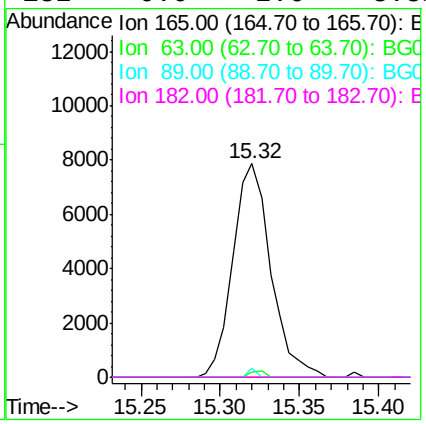


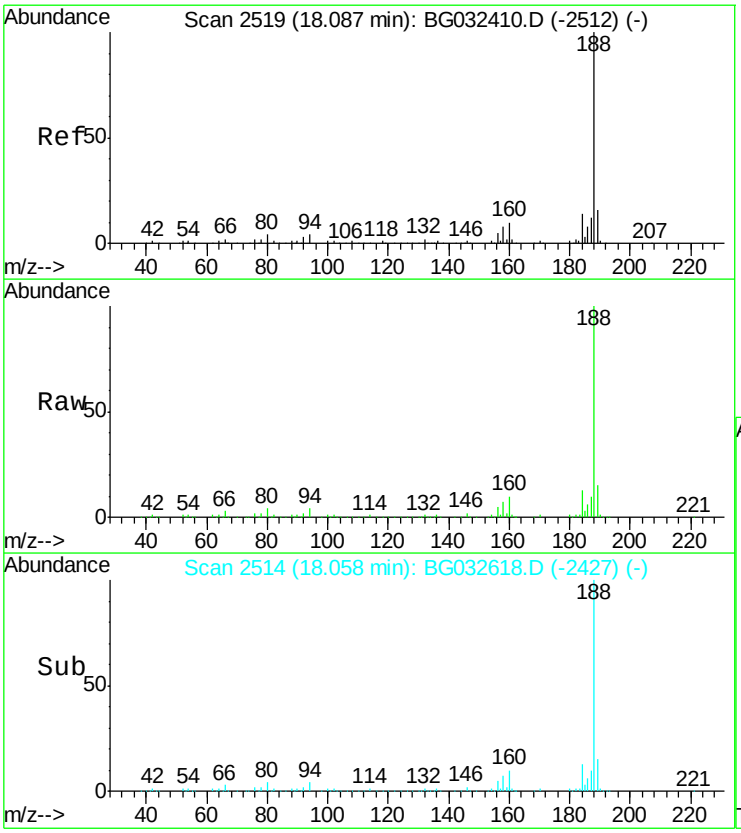
#56
2,4-Dinitrotoluene
Concen: 4.80 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13091

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	4.0	66.9	100.3#
182	0.0	2.6	3.8#

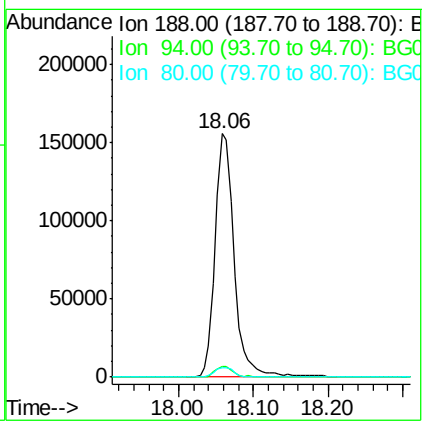


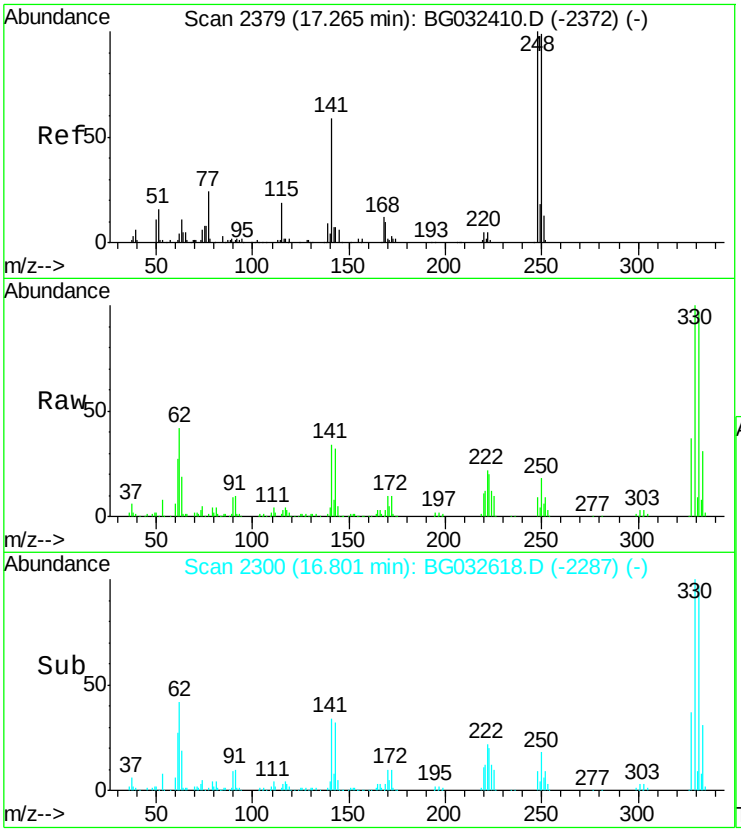


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:188 Resp: 276695

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	3.8	7.7	11.5#



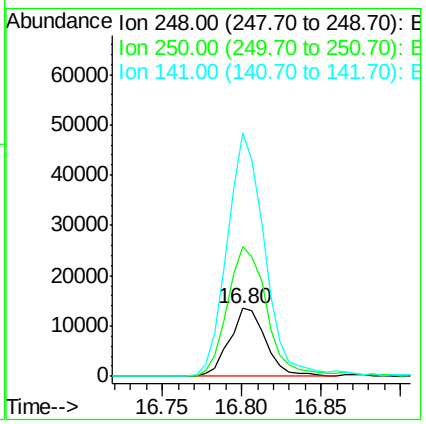


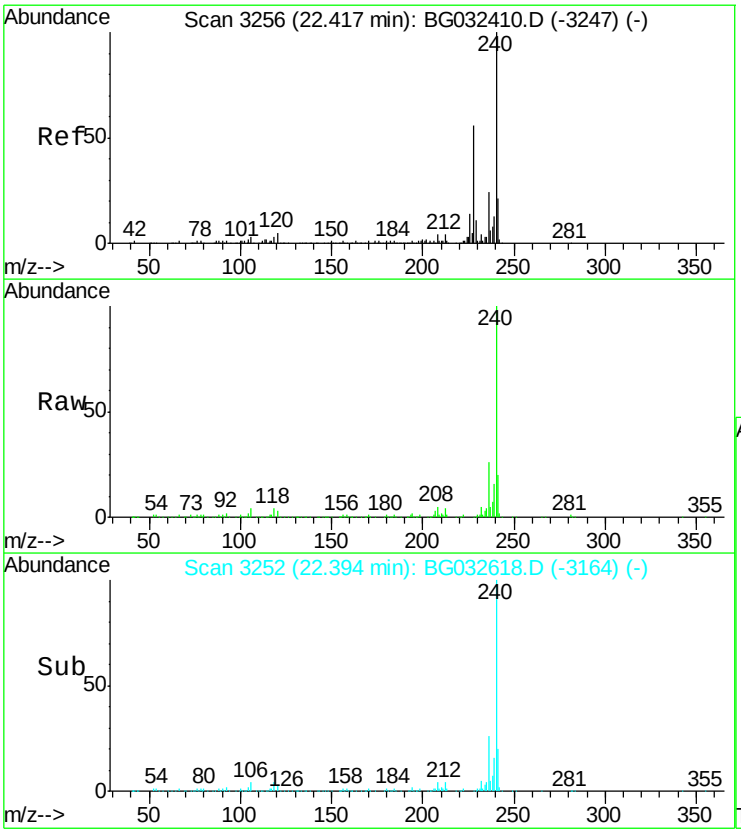
#66
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21604

Ion	Ratio	Lower	Upper
248	100		
250	190.6	77.1	115.7#
141	358.9	50.8	76.2#

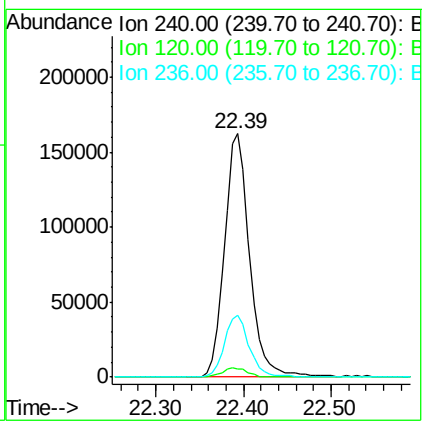


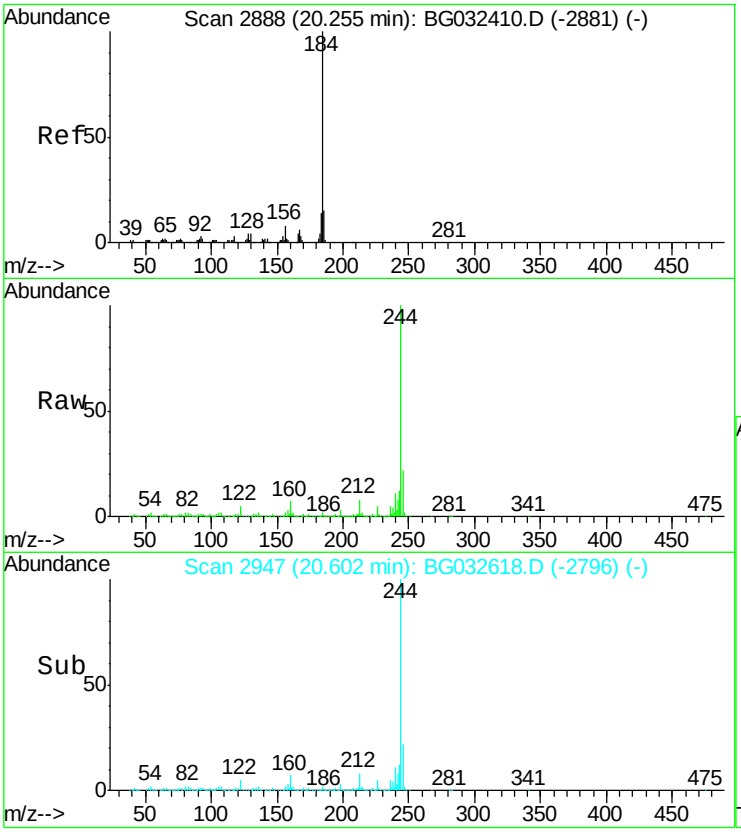


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:240 Resp: 318047

Ion	Ratio	Lower	Upper
240	100		
120	3.4	6.8	10.2#
236	25.5	20.9	31.3



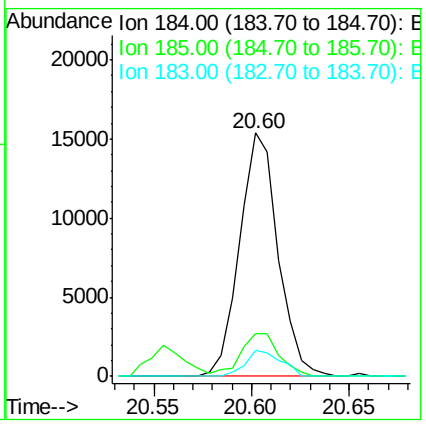


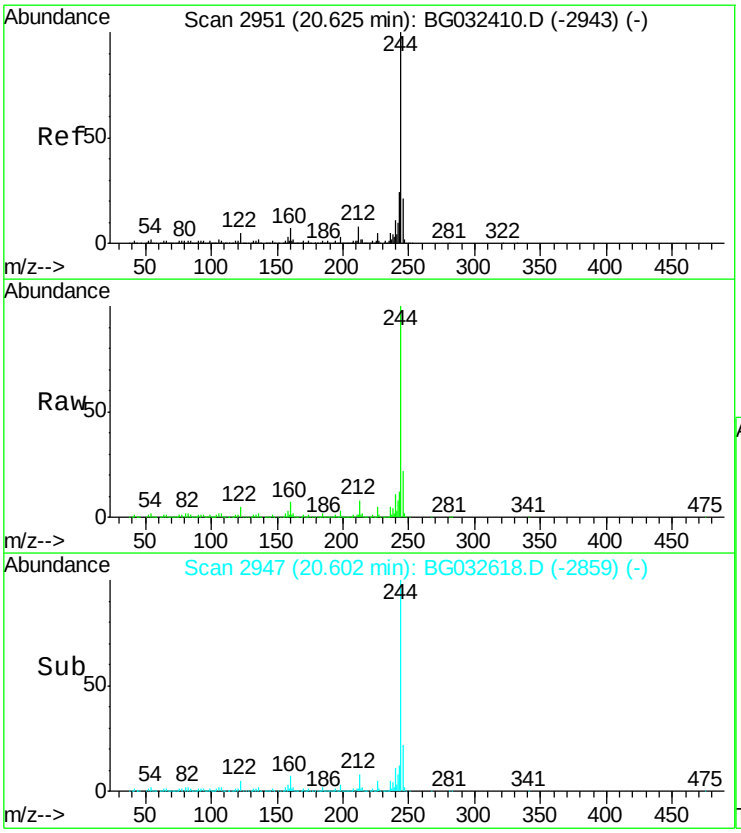
#76
Benzidine
Concen: 3.35 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20916

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.1	16.7#
183	10.5	10.6	16.0#

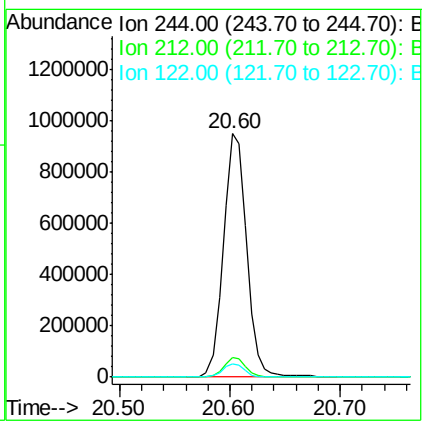


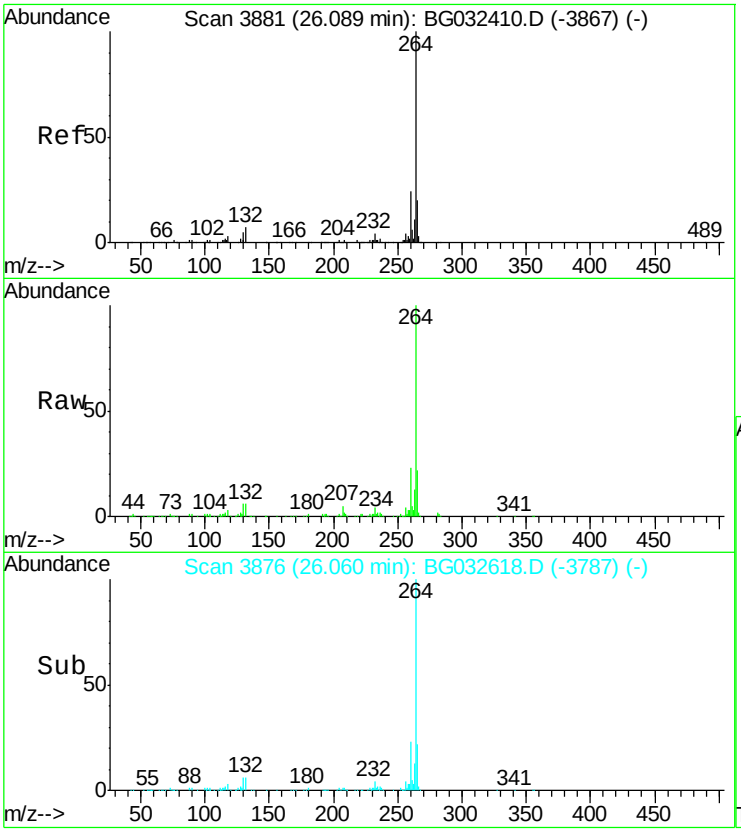


#78
Terphenyl-d14
Concen: 94.45 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Tgt Ion:244 Resp: 1402370

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.01 min
Lab File: BG032618.D
Acq: 8 Feb 2018 19:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 328117

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.0	17.7	26.5