Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032637.D
Acq On : 9 Feb 2018 18:57
Operator : SJ/JU
Sample : J1507-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 09 23:21:40 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	8.68	152	28305	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	120008	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	107921	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	347838	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	356338	20.00	ng	-0.02
86) Perylene-d12	26.06	264	370523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	190024	134.84	ng	-0.02
7) Phenol-d6	7.80	99	224730	119.51	ng	-0.02
23) Nitrobenzene-d5	9.88	82	180769	94.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	279655	136.13	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	683378	75.26	ng	-0.02
78) Terphenyl-d14	20.60	244	1531367	92.06	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	9.02	79	3147	2.03	ng	# 40
19) n-Nitroso-di-n-propylamine	9.88	70	25867	20.75	ng	# 72
50) 2,6-Dinitrotoluene	15.32	165	14001	6.70	ng	# 20
53) 2,4-Dinitrophenol	15.08	184	56	4.15	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	14001	4.71	ng	# 18
66) 4-Bromophenyl-phenylether	16.80	248	24778	4.81	ng	# 1
76) Benzidine	20.60	184	24011	3.43	ng	# 88

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

Quantitation Report (Not Reviewed)

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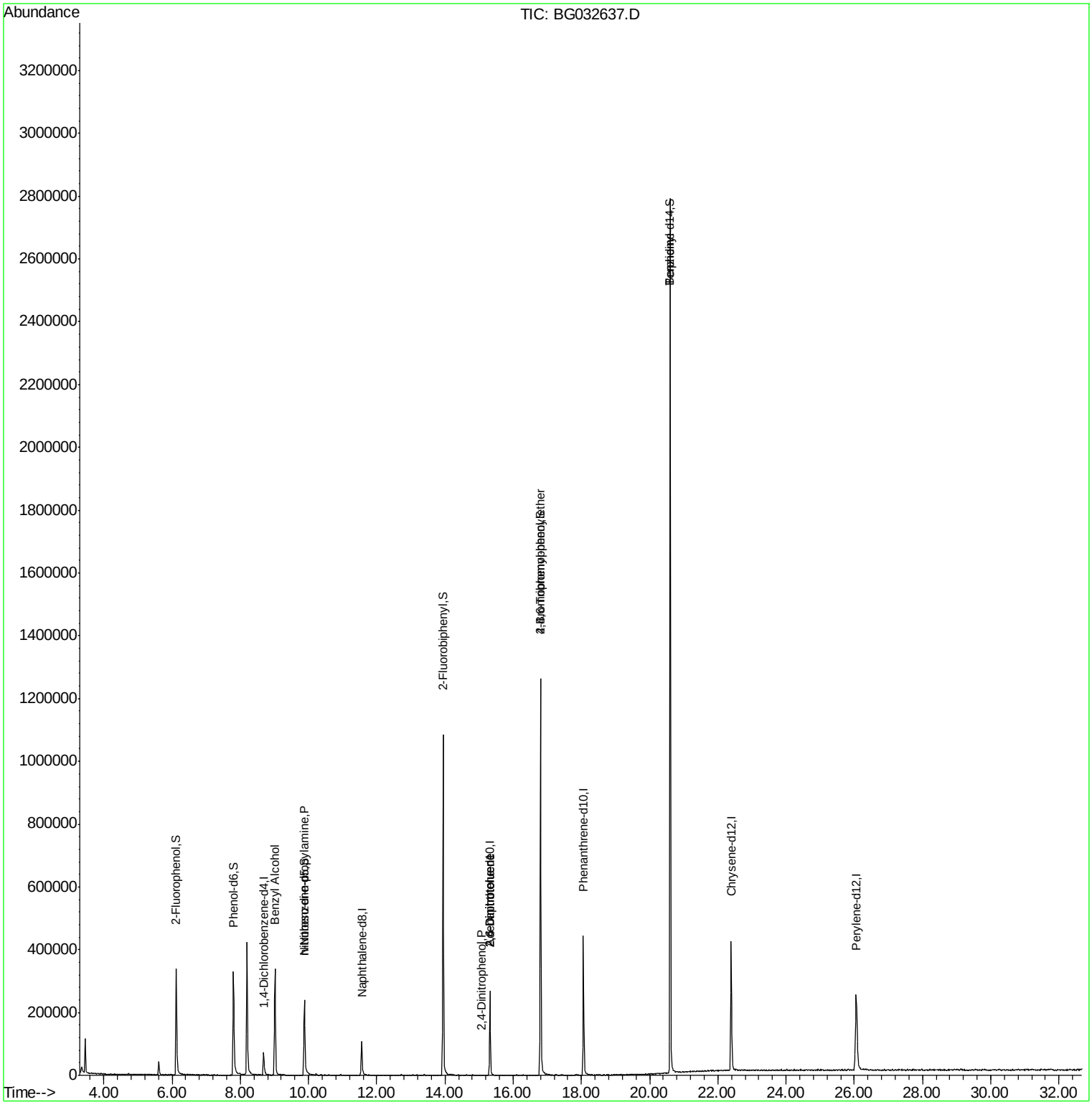
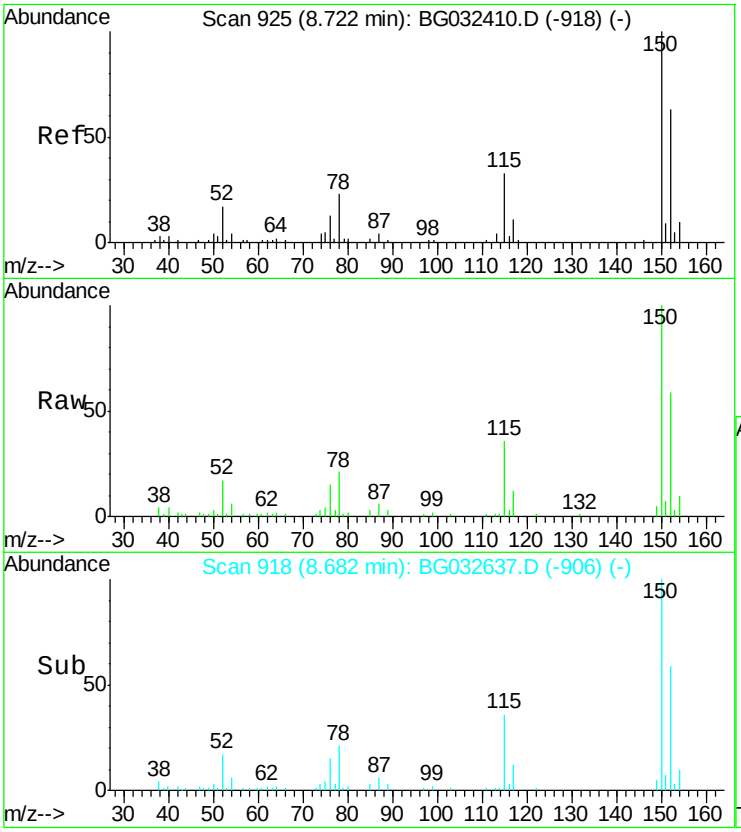


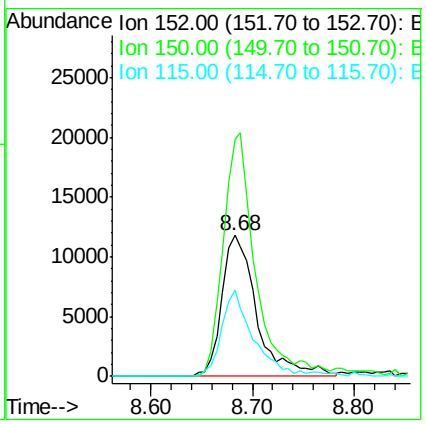


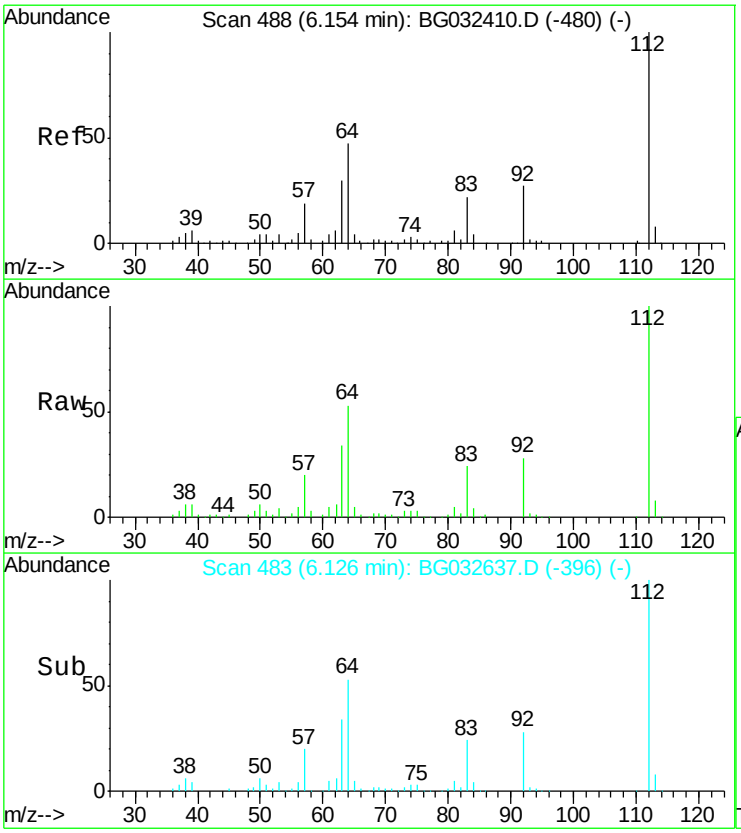
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28305

Ion	Ratio	Lower	Upper
152	100		
150	168.6	126.6	189.8
115	61.2	53.0	79.4

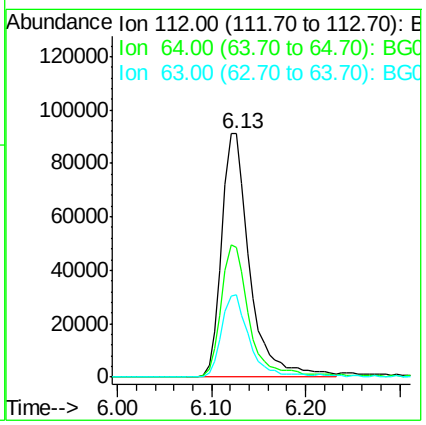


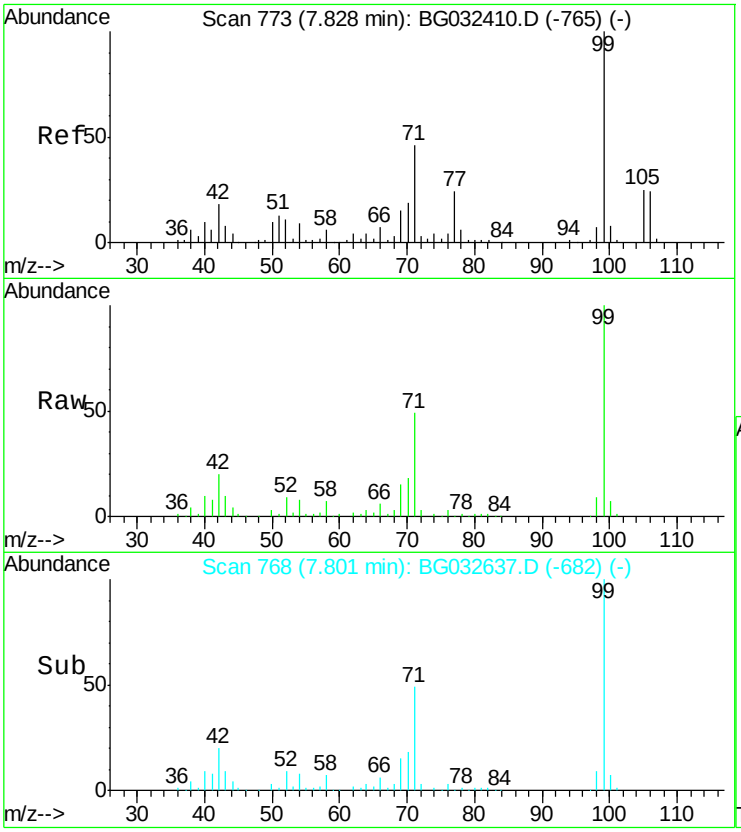


#5
2-Fluorophenol
Concen: 134.84 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:112 Resp: 190024

Ion	Ratio	Lower	Upper
112	100		
64	53.2	56.3	84.5#
63	33.6	30.1	45.1



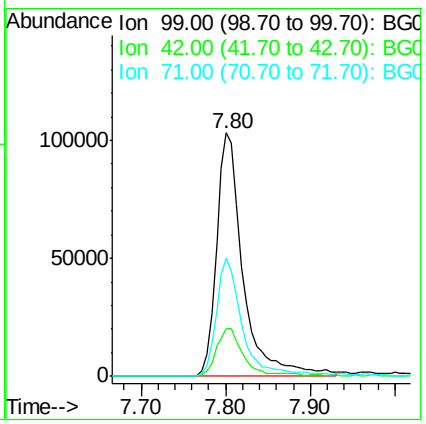


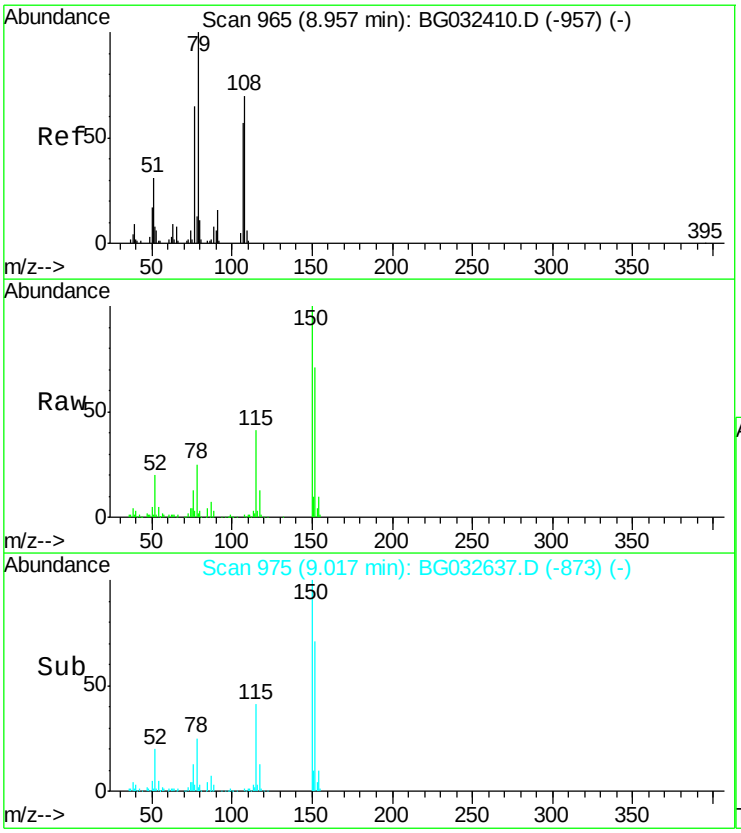
#7
Phenol-d6
Concen: 119.51 ng
RT: 7.80 min Scan# 768
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 224730

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	48.8	26.1	39.1#

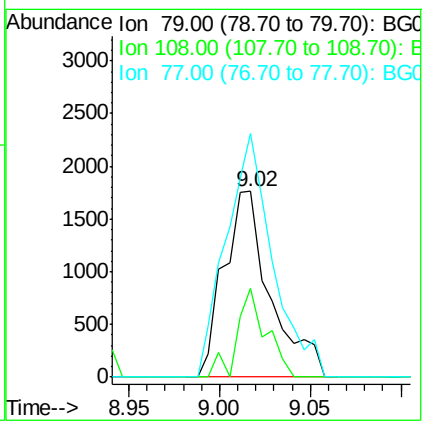


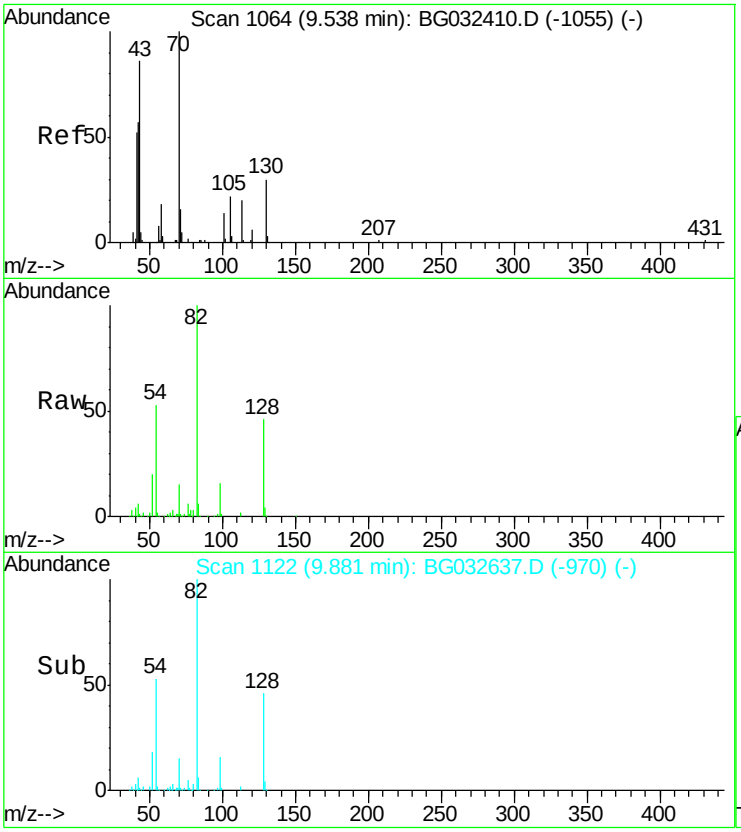


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.07 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion: 79 Resp: 3147

Ion	Ratio	Lower	Upper
79	100		
108	47.6	57.2	85.8#
77	131.0	46.1	69.1#



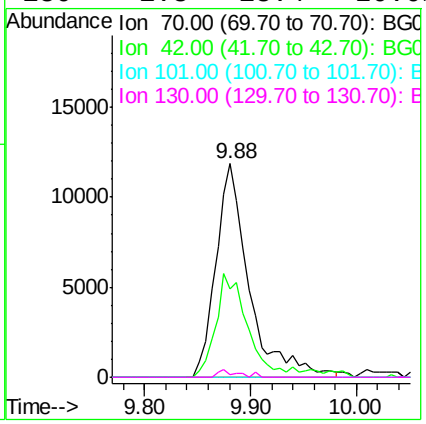


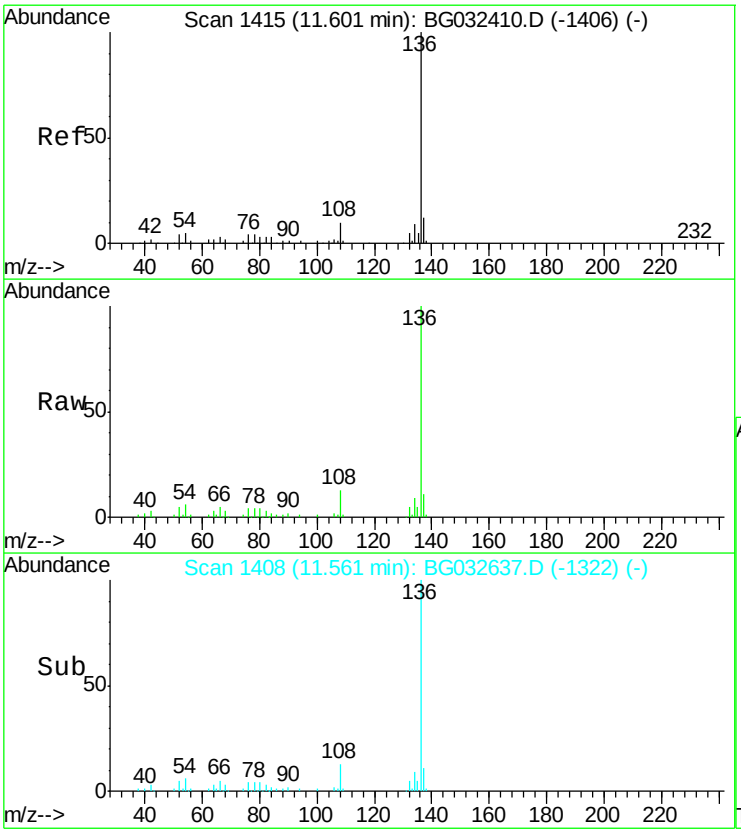
#19
n-Nitroso-di-n-propylamine
Concen: 20.75 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.37 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 25867

Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#

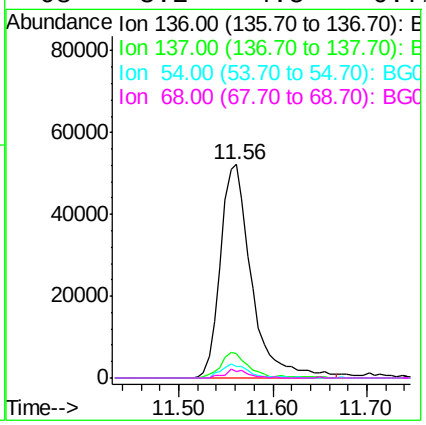


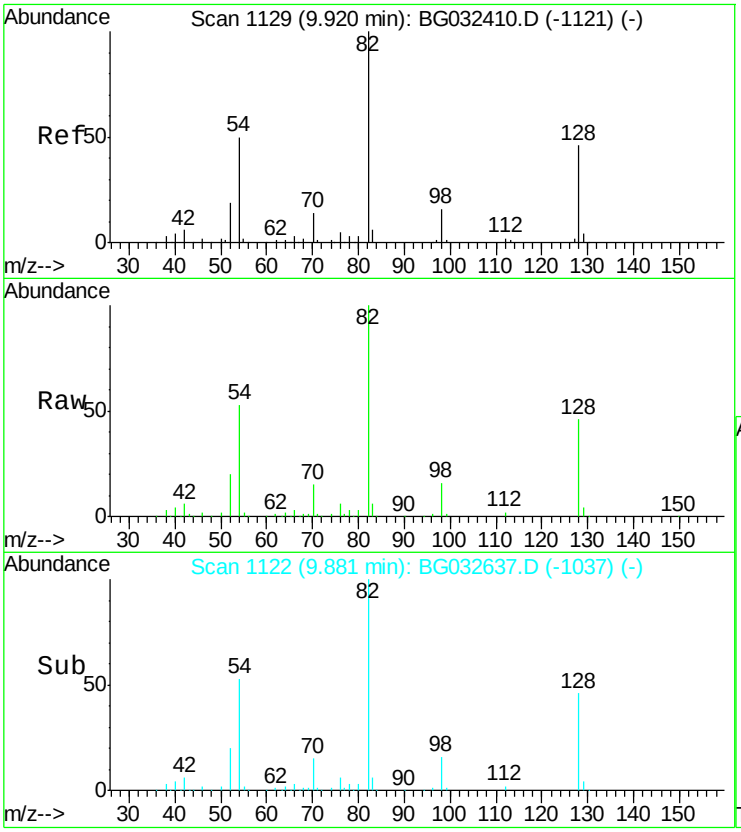


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:136 Resp: 120008

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.5	10.3	15.5#
68	3.2	4.5	6.7#



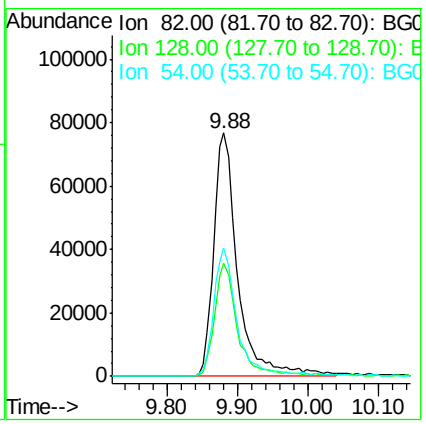


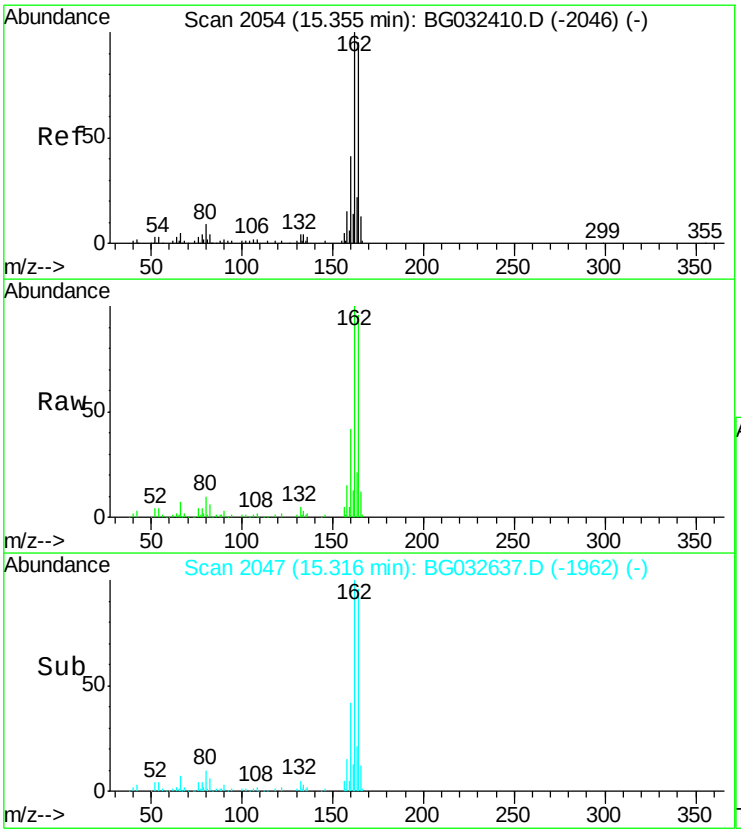
#23
Nitrobenzene-d5
Concen: 94.08 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 180769

Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	52.5	43.1	64.7

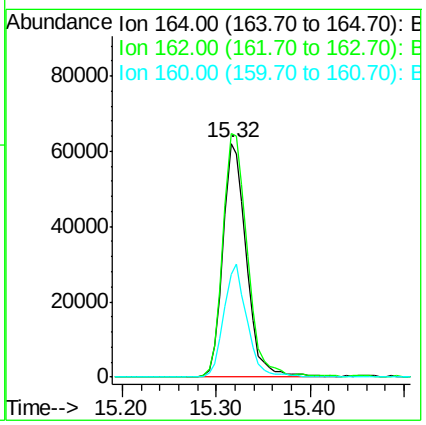


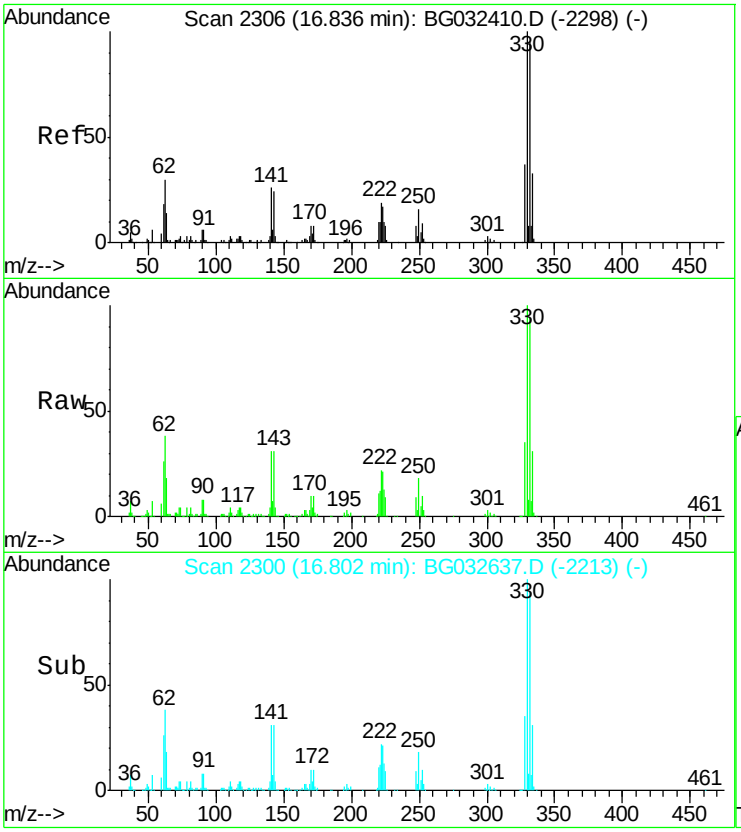


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.03 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:164 Resp: 107921

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	44.1	35.4	53.0



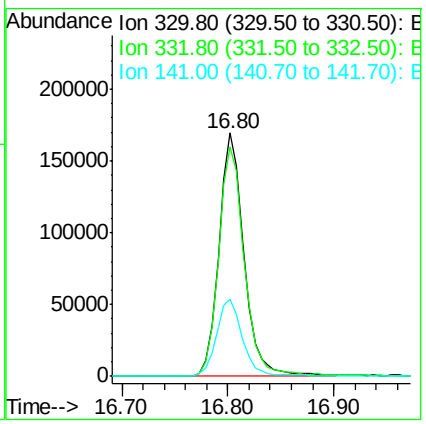


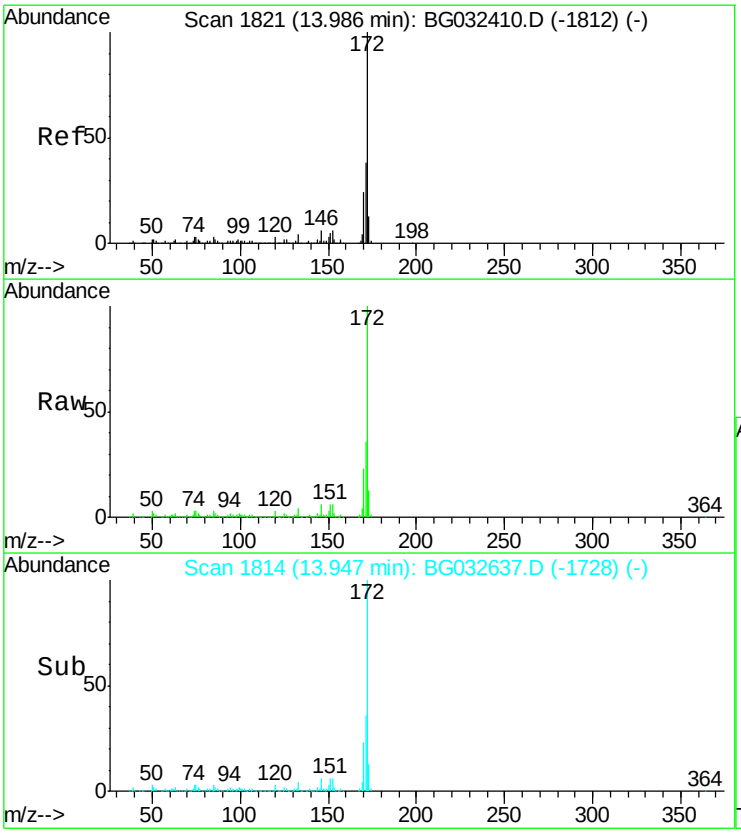
#41
2,4,6-Tribromophenol
Concen: 136.13 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 279655

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.2	25.2	37.8

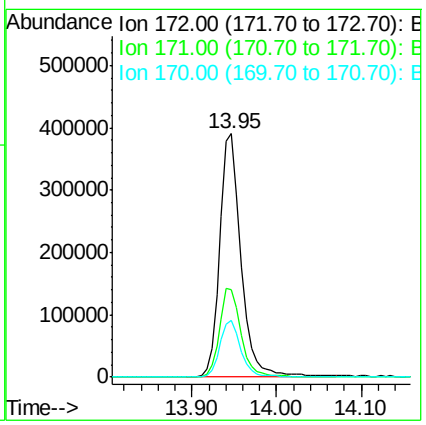


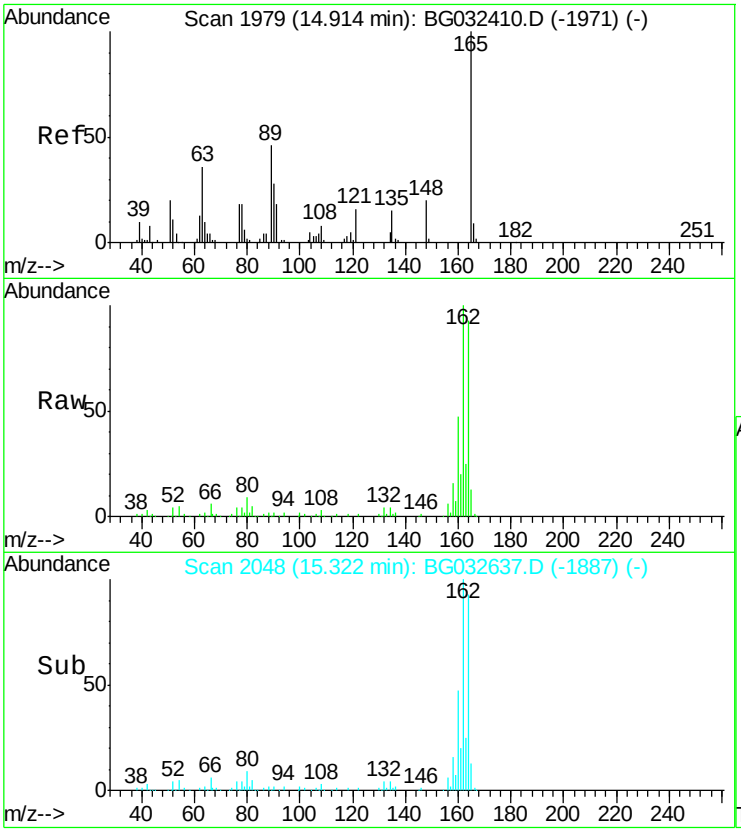


#44
2-Fluorobiphenyl
Concen: 75.26 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:172 Resp: 683378

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.4	19.5	29.3



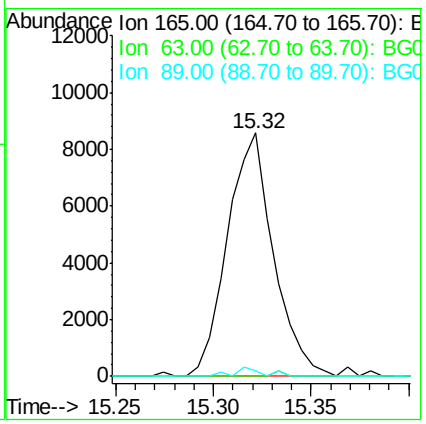


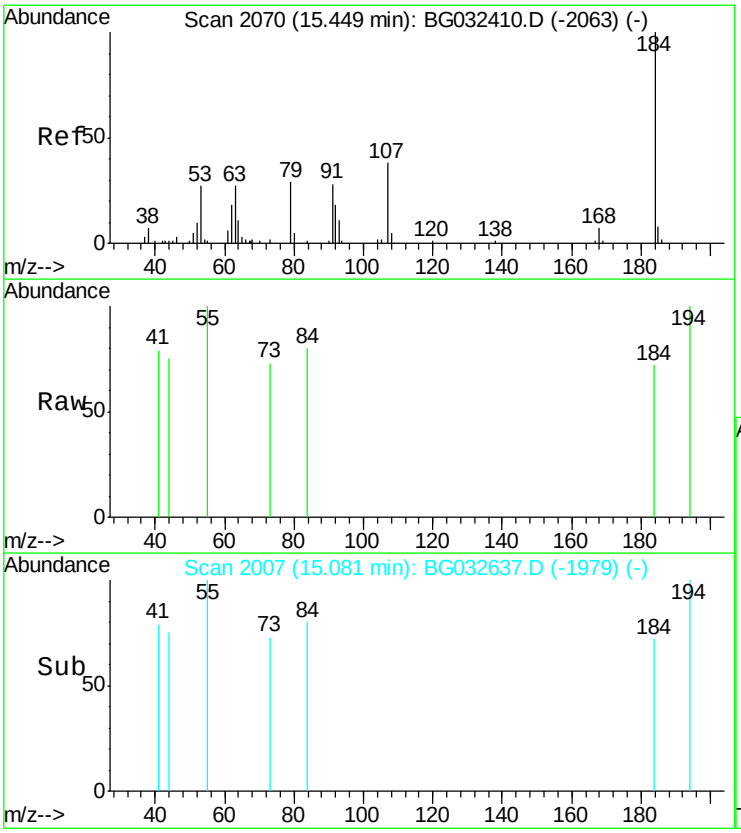
#50
2,6-Dinitrotoluene
Concen: 6.70 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14001

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#

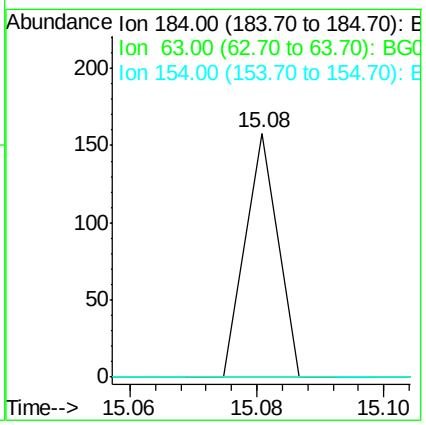


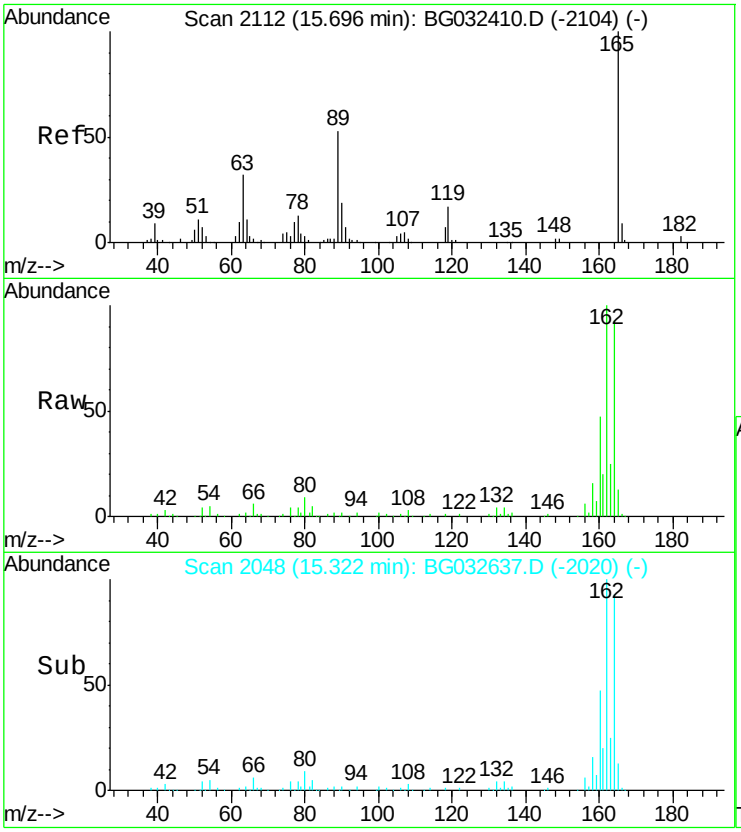


#53
2,4-Dinitrophenol
Concen: 4.15 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.36 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

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#



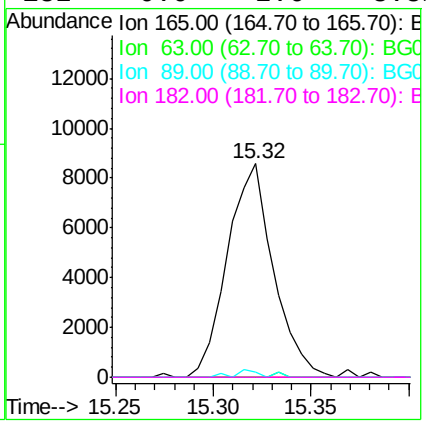


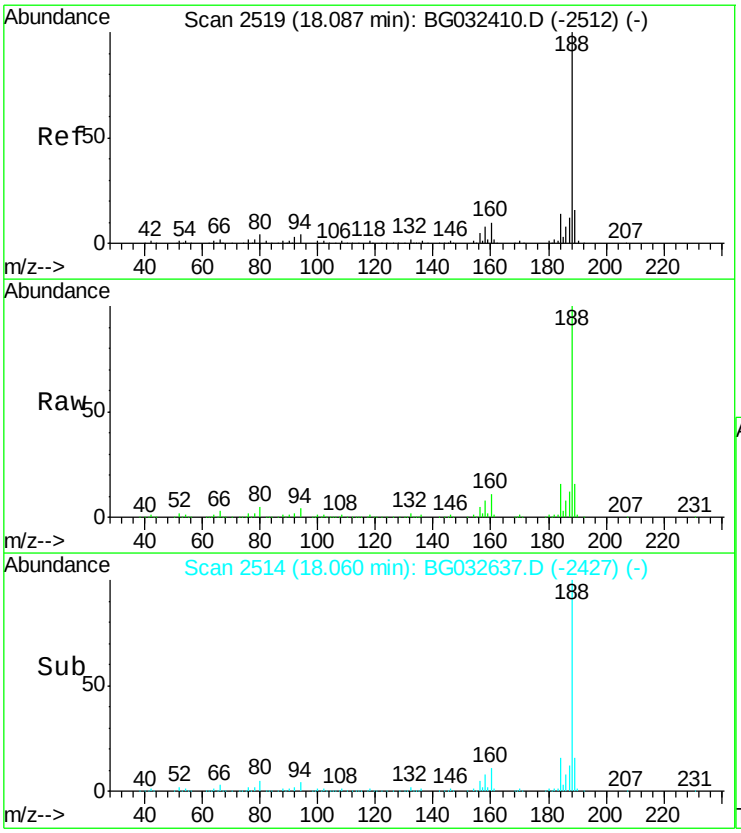
#56
2,4-Dinitrotoluene
Concen: 4.71 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14001

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

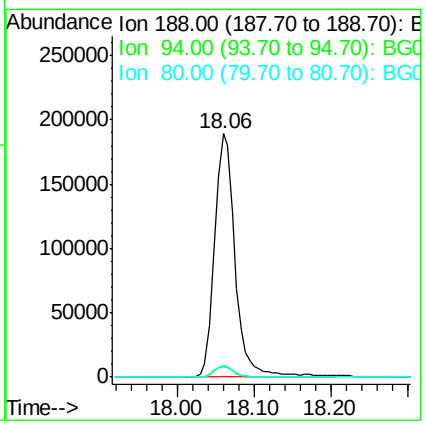


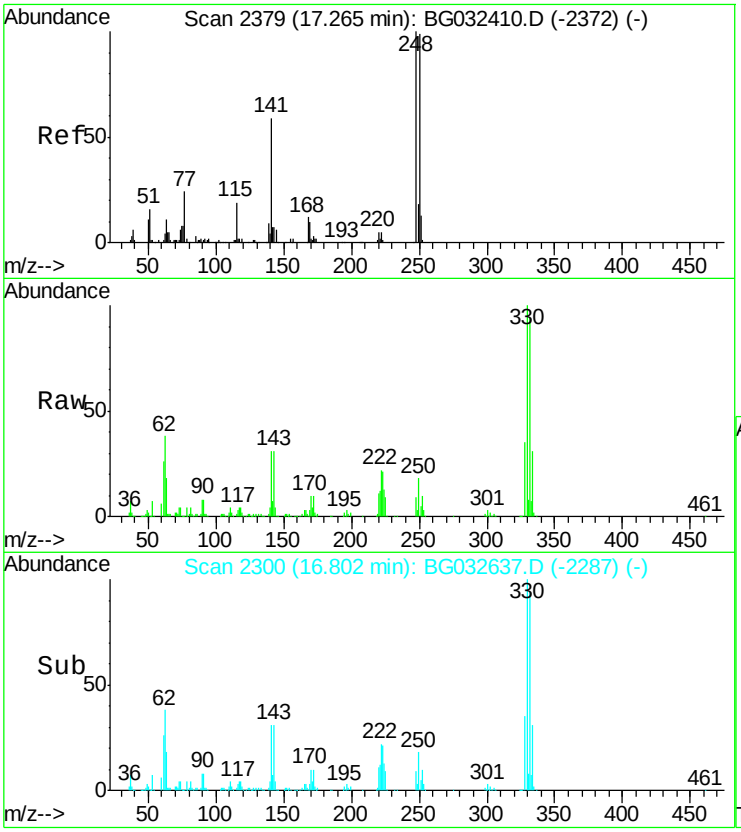


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:188 Resp: 347838

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.7	7.7	11.5#



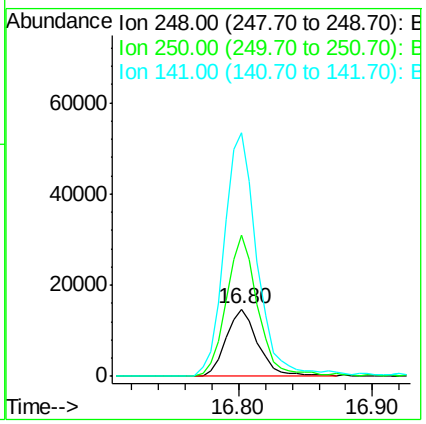


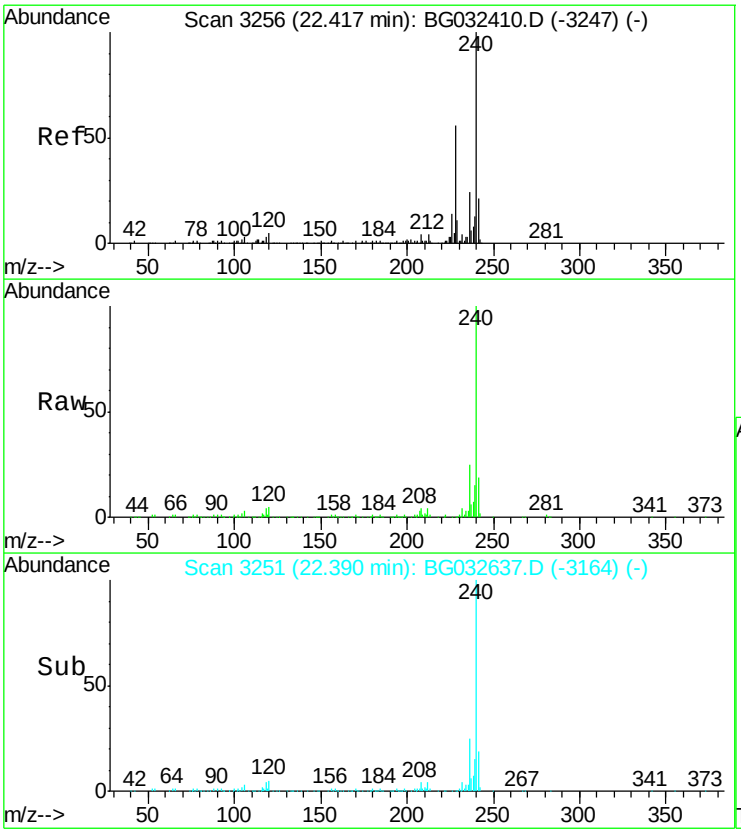
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24778

Ion	Ratio	Lower	Upper
248	100		
250	208.4	77.1	115.7#
141	360.3	50.8	76.2#

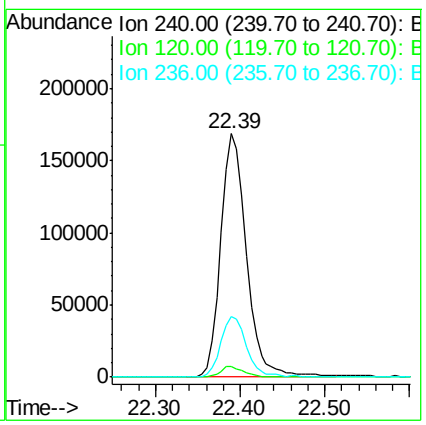


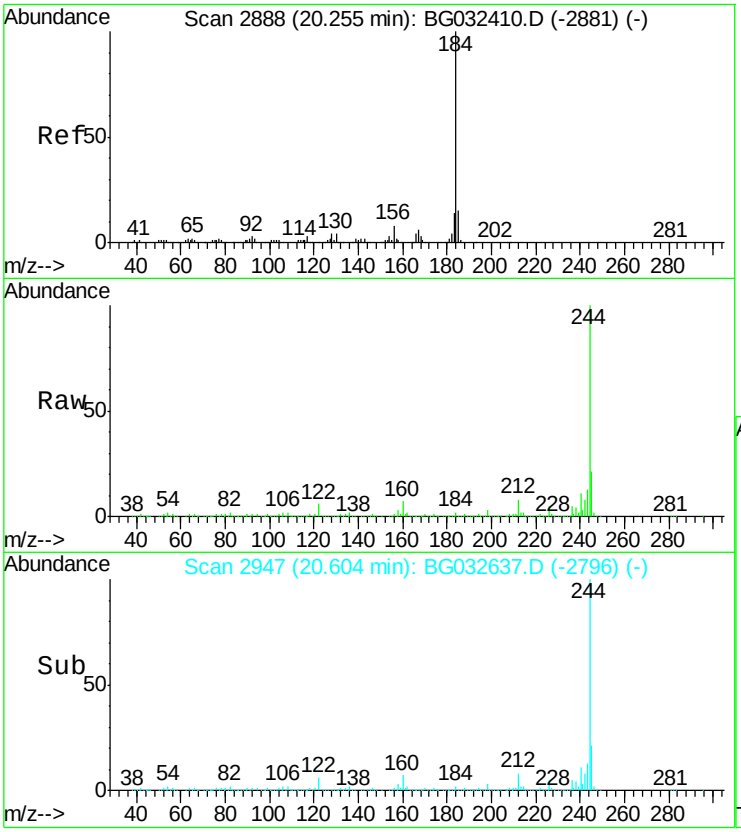


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:240 Resp: 356338

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.8	20.9	31.3



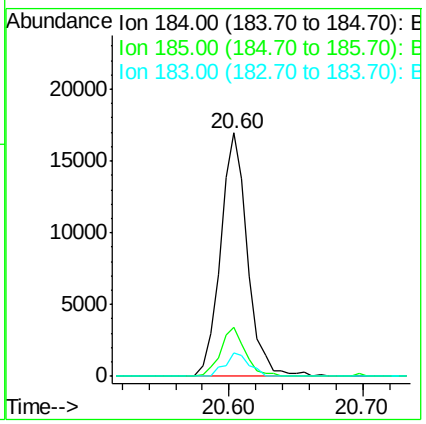


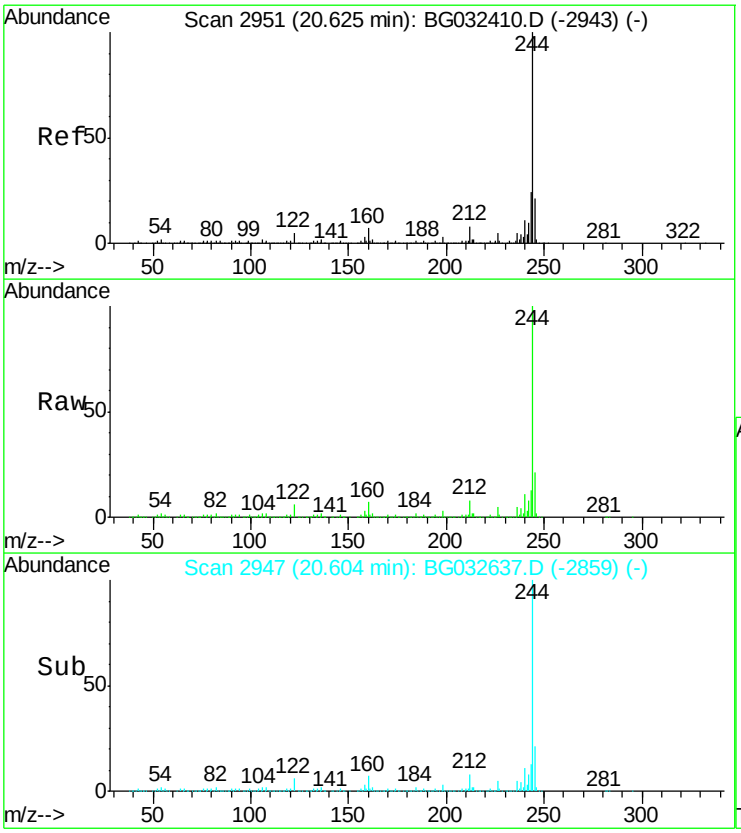
#76
Benzidine
Concen: 3.43 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24011

Ion	Ratio	Lower	Upper
184	100		
185	19.9	11.1	16.7#
183	9.4	10.6	16.0#

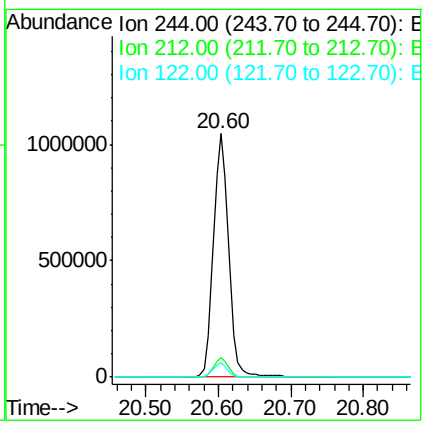


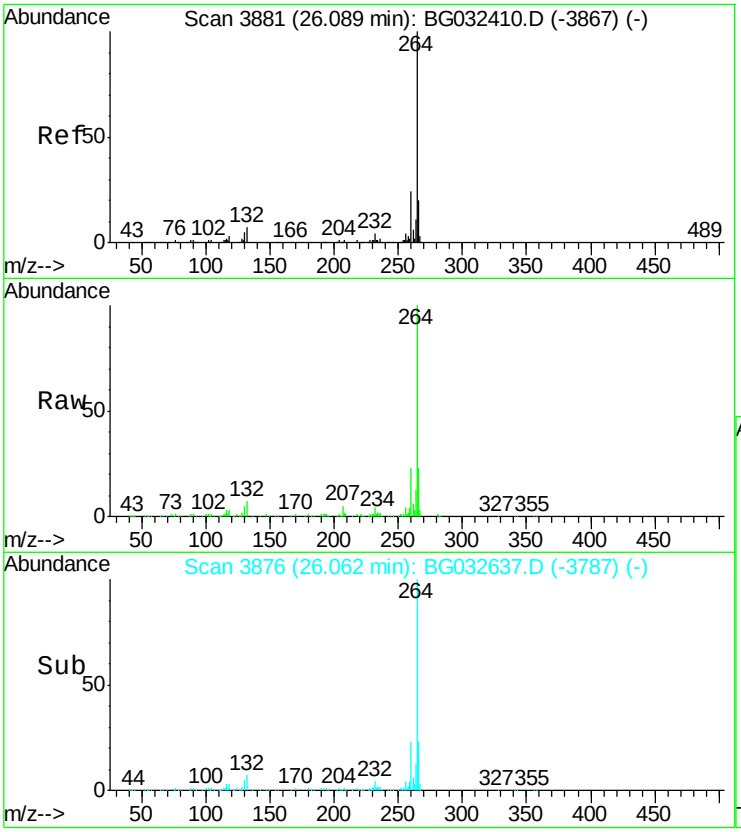


#78
Terphenyl-d14
Concen: 92.06 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Tgt Ion:244 Resp: 1531367

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BG032637.D
Acq: 9 Feb 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 370523

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.0	17.7	26.5