Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 01:37:06 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	33046	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	129750	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	92828	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	232186	20.00	ng	0.00
75) Chrysene-d12	22.40	240	290428	20.00	ng	-0.01
86) Perylene-d12	26.08	264	310299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	67277	40.89	ng	0.00
7) Phenol-d6	7.83	99	52725	24.02	ng	0.00
23) Nitrobenzene-d5	9.91	82	190419	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	158034	89.44	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	706893	90.51	ng	-0.01
78) Terphenyl-d14	20.62	244	1206444	88.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	27900	19.166	ng	# 70
49) Dimethylphthalate	14.77	163	23520	2.748	ng	# 96
50) 2,6-Dinitrotoluene	15.34	165	11437	6.366	ng	# 18
53) 2,4-Dinitrophenol	15.28	184	60	4.155	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	11437	4.471	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	12951	3.765	ng	# 1
76) Benzidine	20.62	184	17150	3.007	ng	# 91

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

Quantitation Report (Not Reviewed)

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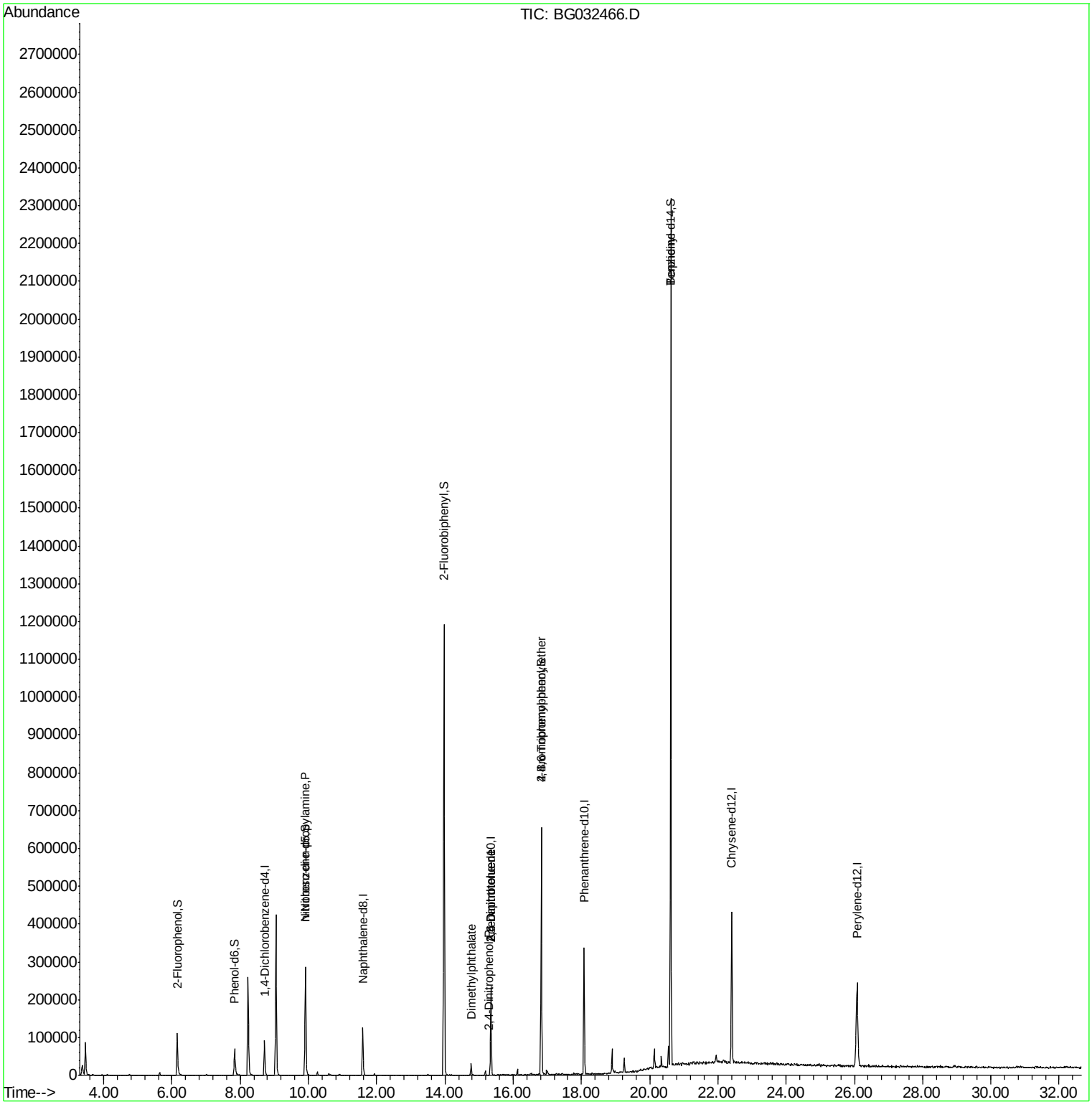
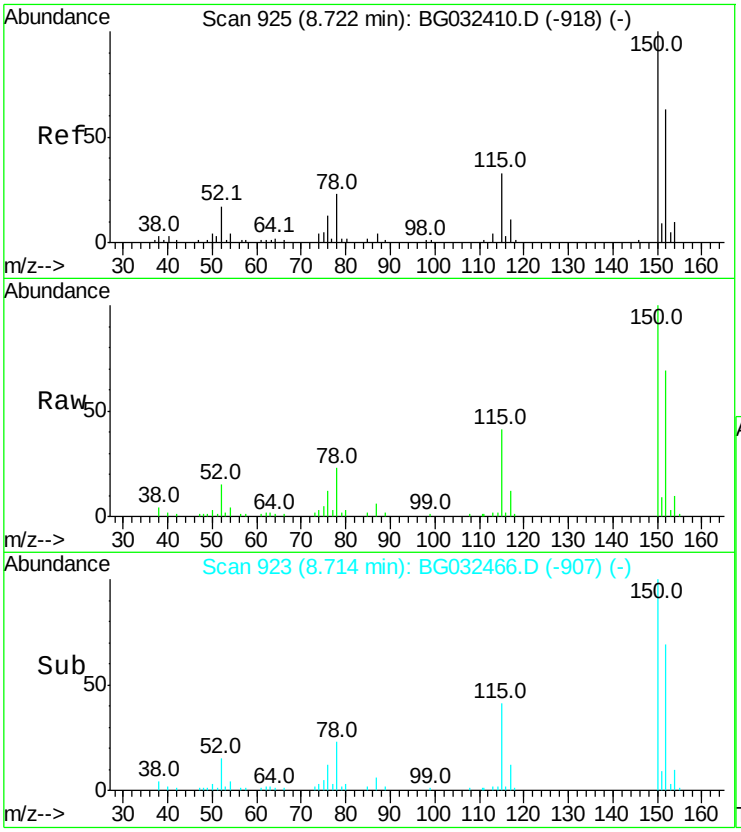


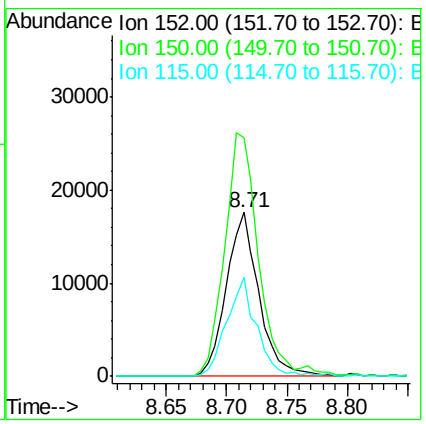


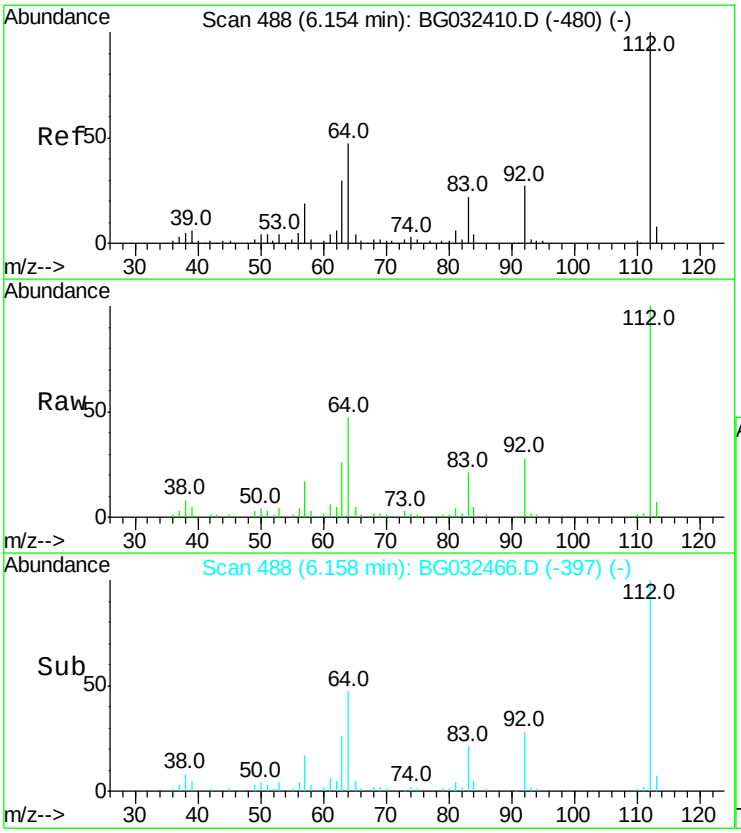
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33046

Ion	Ratio	Lower	Upper
152	100		
150	145.7	126.6	189.8
115	60.1	53.0	79.4

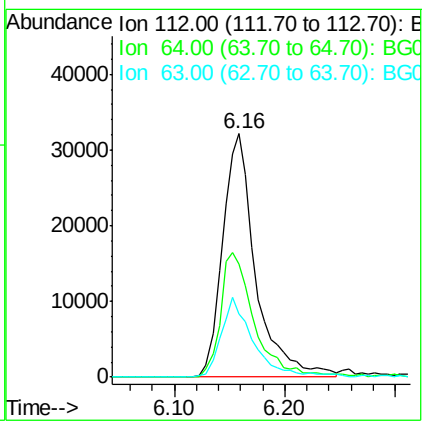


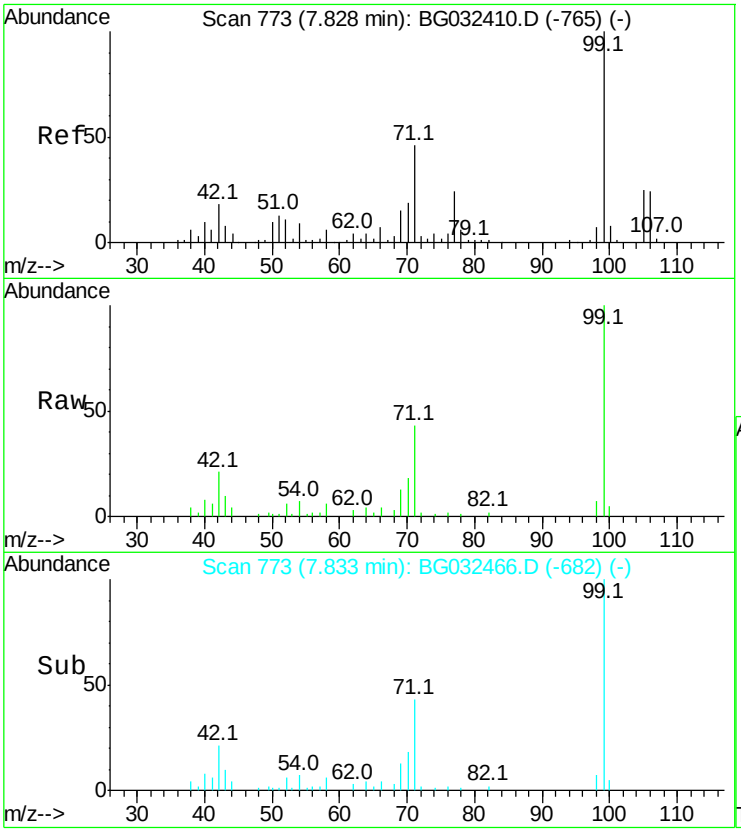


#5
2-Fluorophenol
Concen: 40.891 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:112 Resp: 67277

Ion	Ratio	Lower	Upper
112	100		
64	46.5	56.3	84.5#
63	25.8	30.1	45.1#



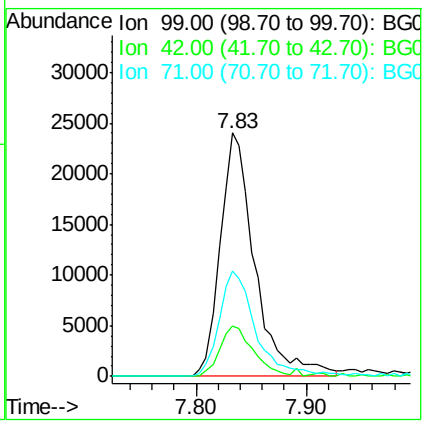


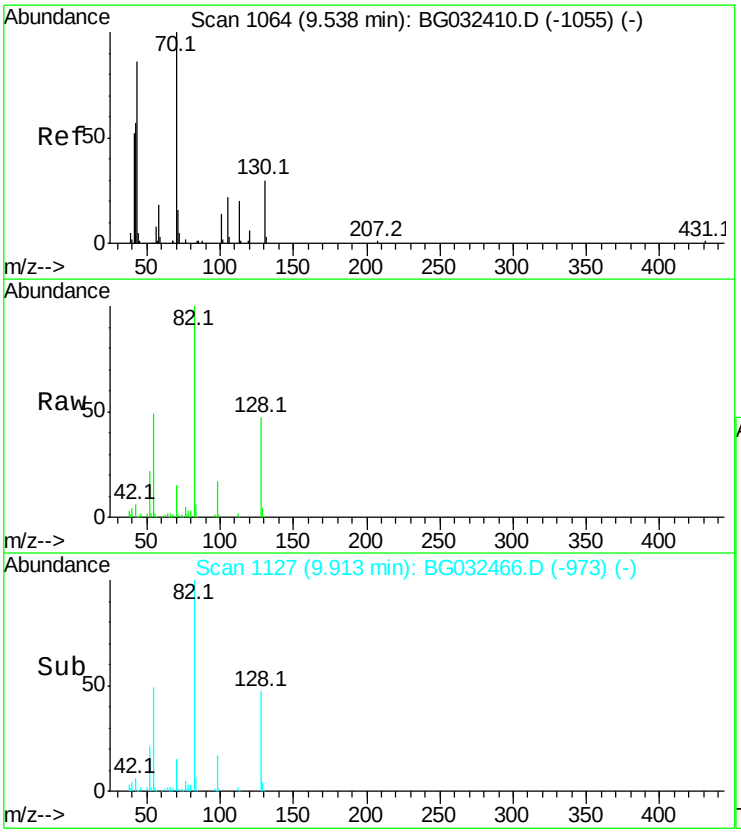
#7
Phenol-d6
Concen: 24.015 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 52725

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	43.5	26.1	39.1#

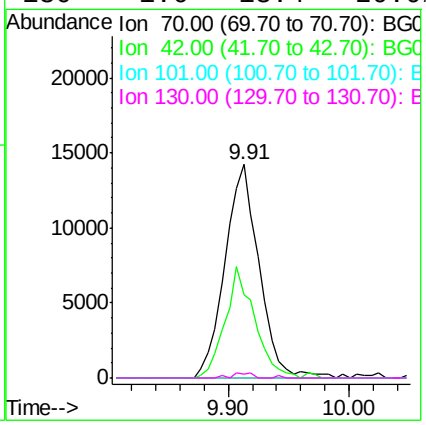


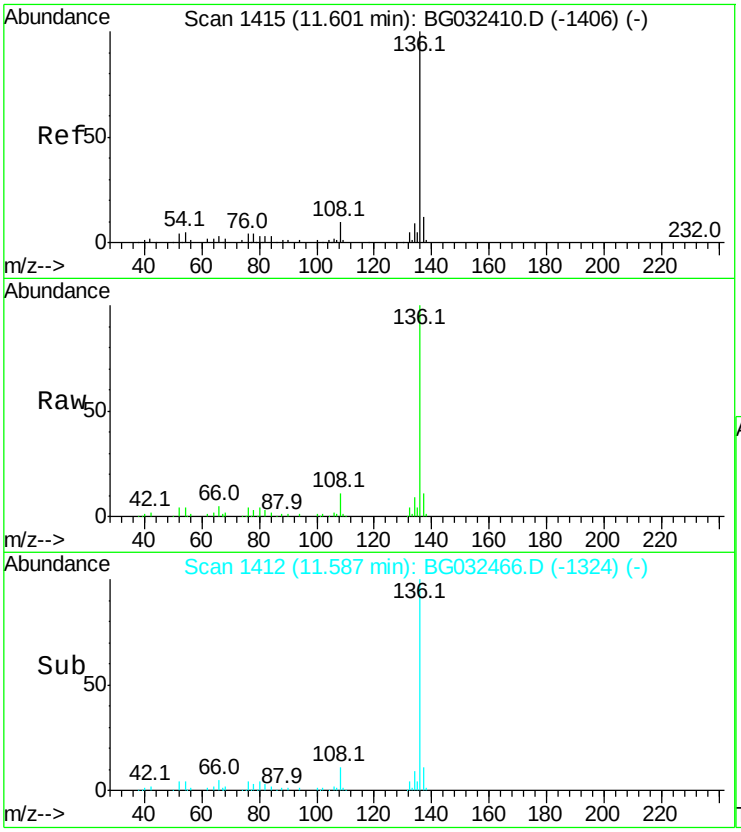


#19
n-Nitroso-di-n-propylamine
Concen: 19.166 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion: 70 Resp: 27900

Ion	Ratio	Lower	Upper
70	100		
42	38.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



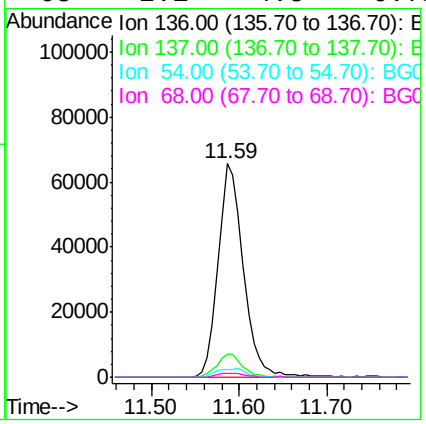


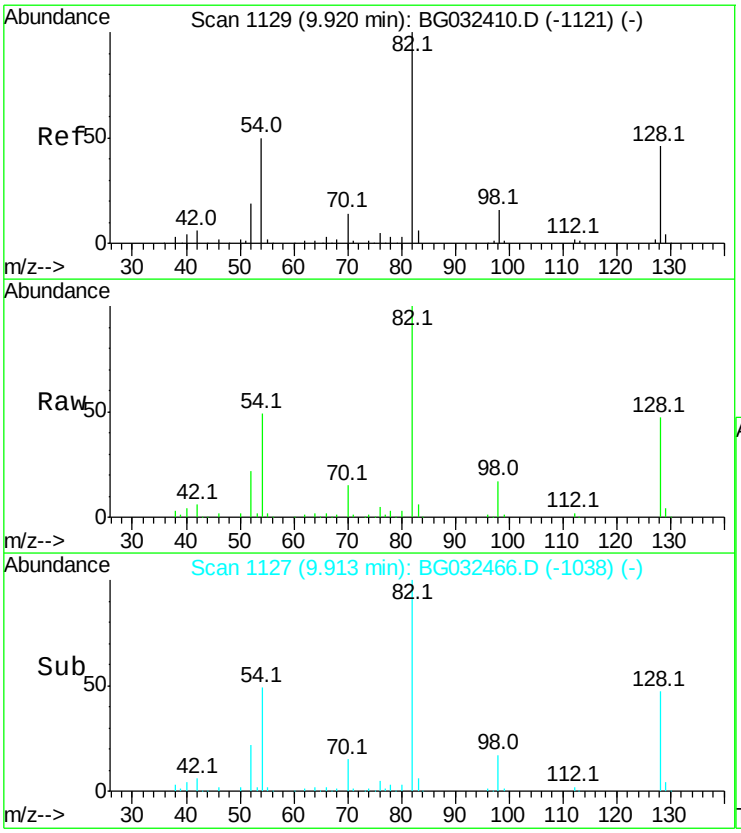
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 129750

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	3.9	10.3	15.5#
68	2.1	4.5	6.7#

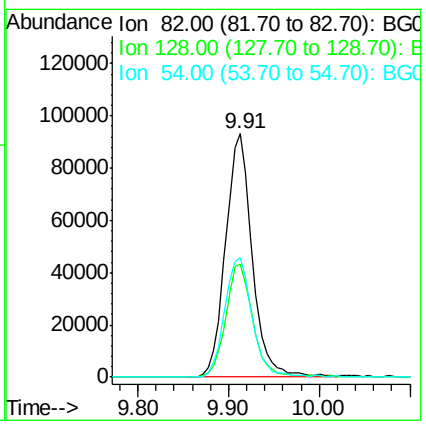


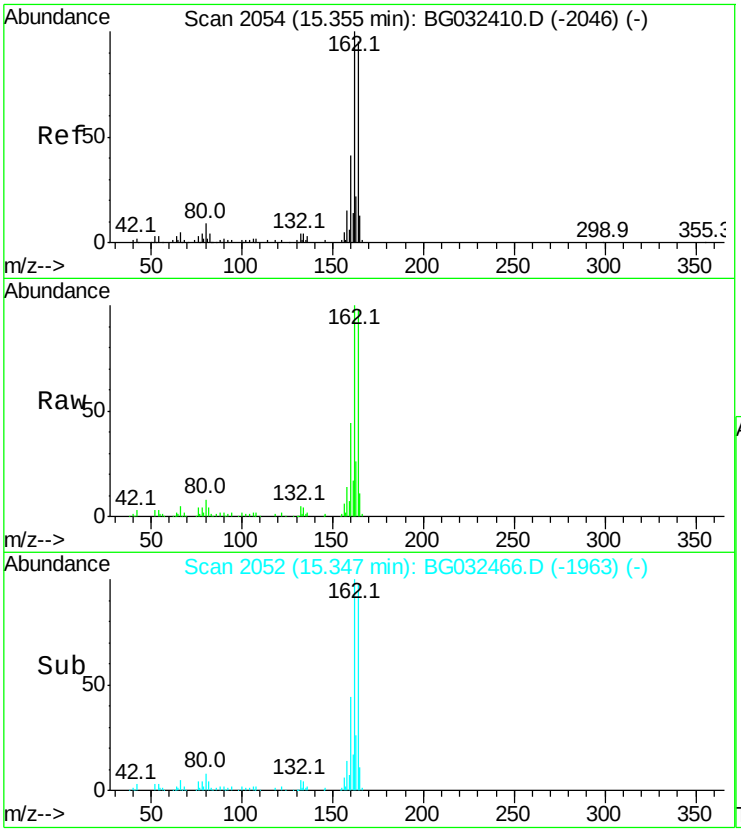


#23
Nitrobenzene-d5
Concen: 91.666 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion: 82 Resp: 190419

Ion	Ratio	Lower	Upper
82	100		
128	46.6	29.7	44.5#
54	49.0	43.1	64.7



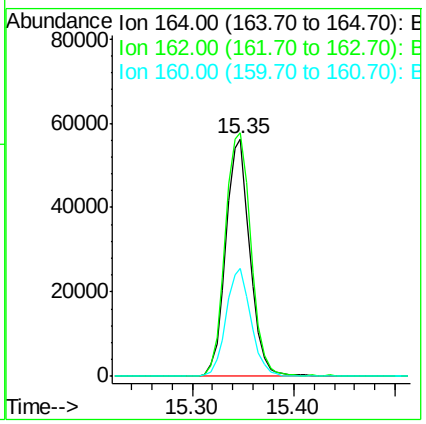


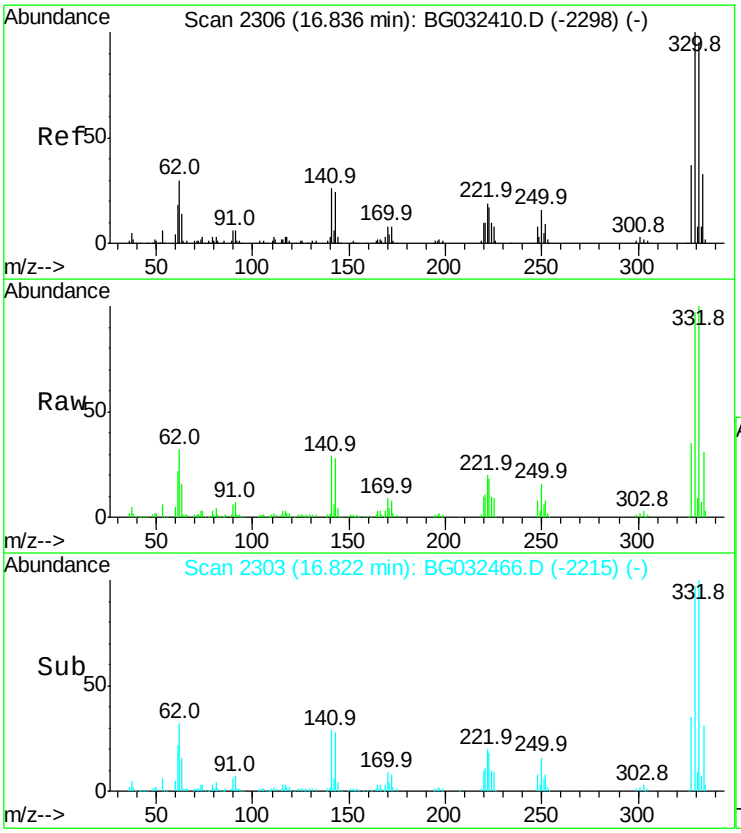
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 92828

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.3	35.4	53.0

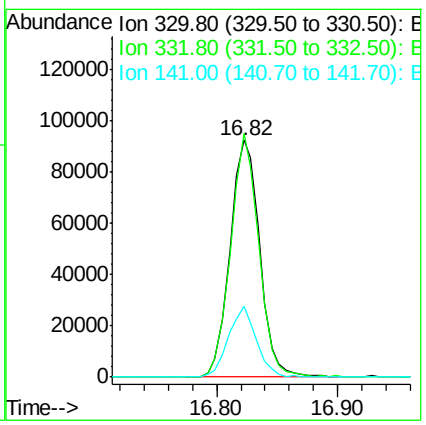


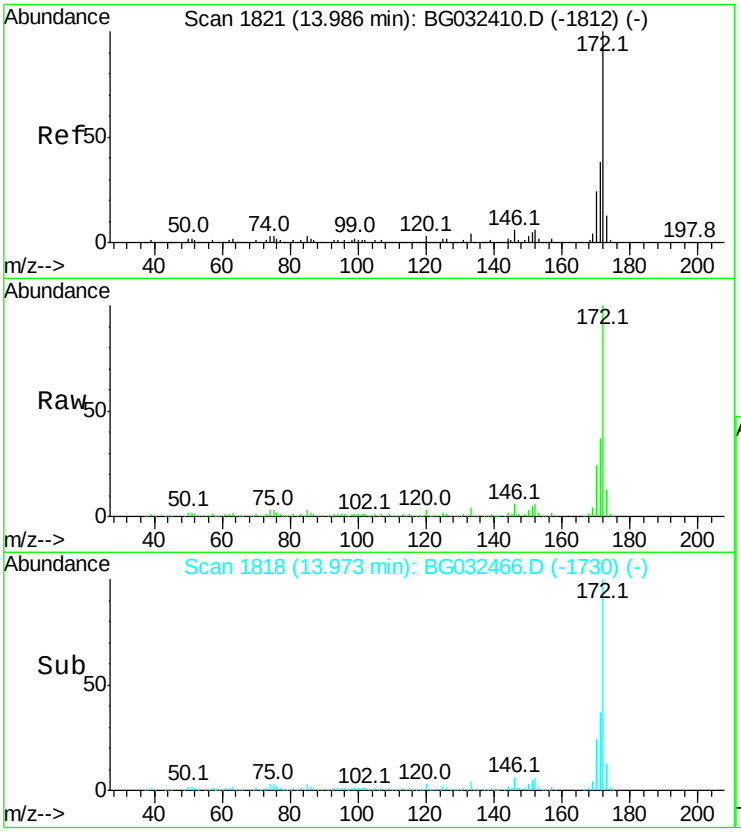


#41
2,4,6-Tribromophenol
Concen: 89.437 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:330 Resp: 158034

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	28.2	25.2	37.8



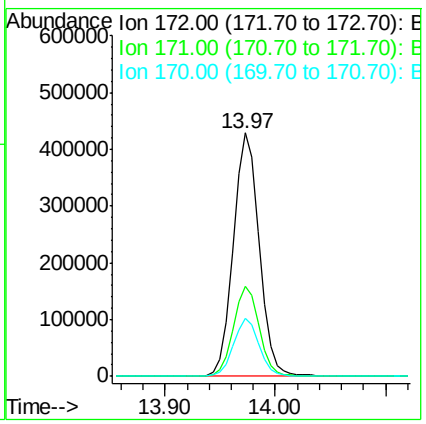


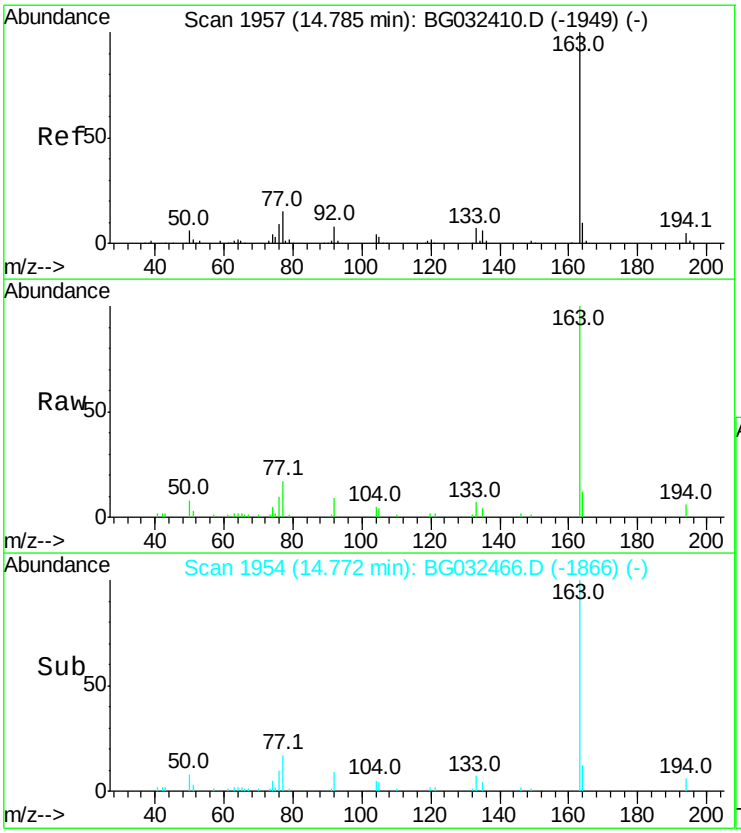
#44
2-Fluorobiphenyl
Concen: 90.510 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 706893

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.1	19.5	29.3

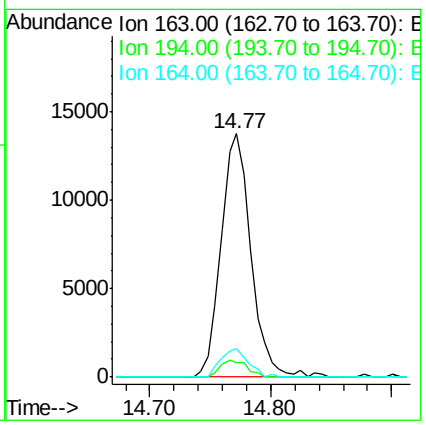


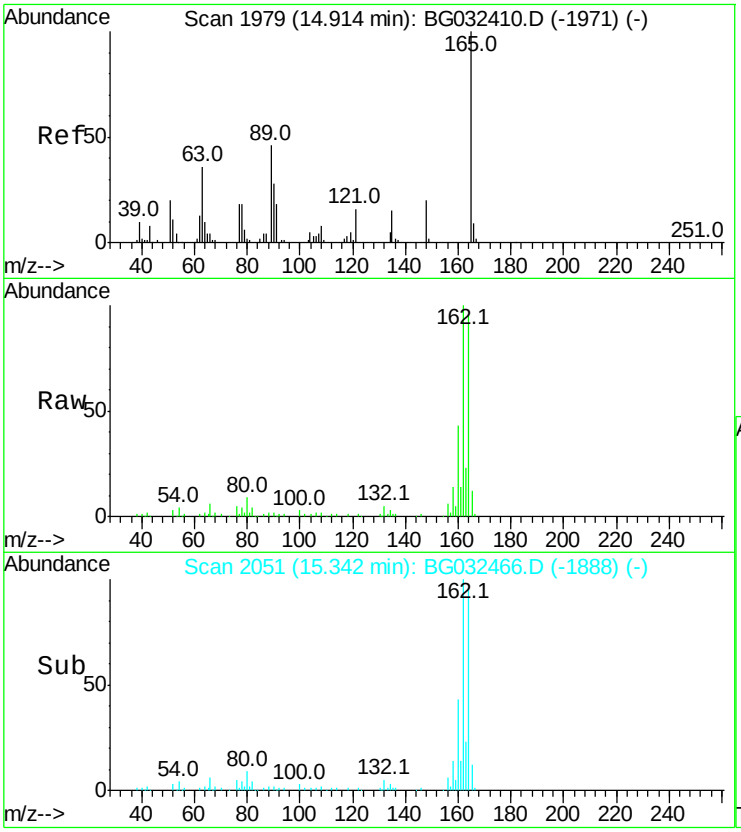


#49
Dimethylphthalate
Concen: 2.748 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:163 Resp: 23520

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	11.8	8.2	12.4



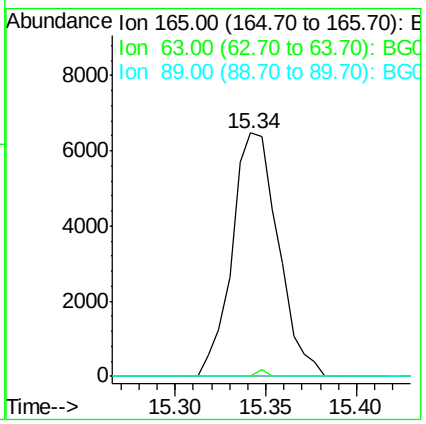


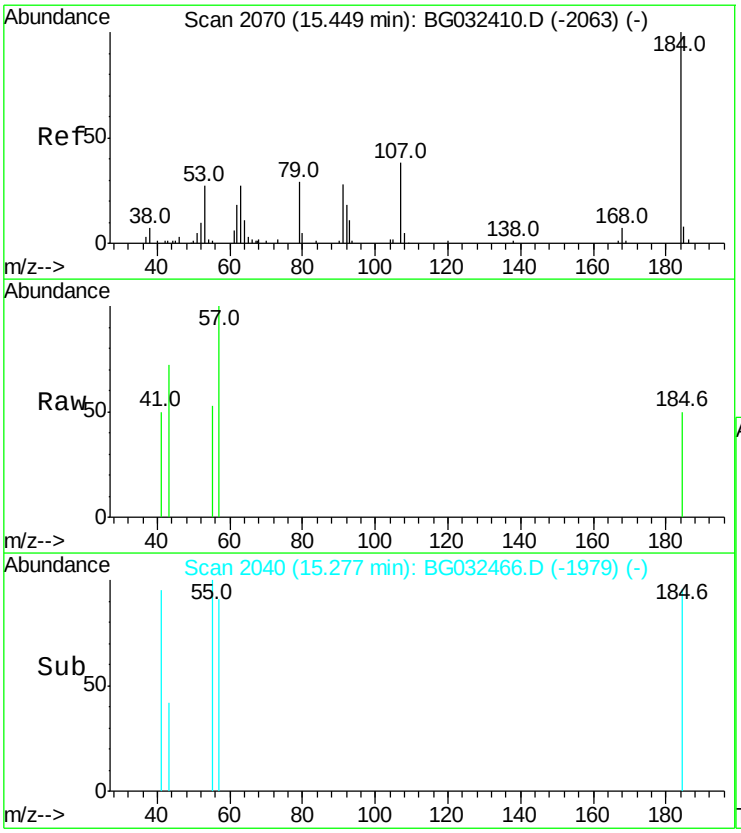
#50
2,6-Dinitrotoluene
Concen: 6.366 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.43 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11437

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

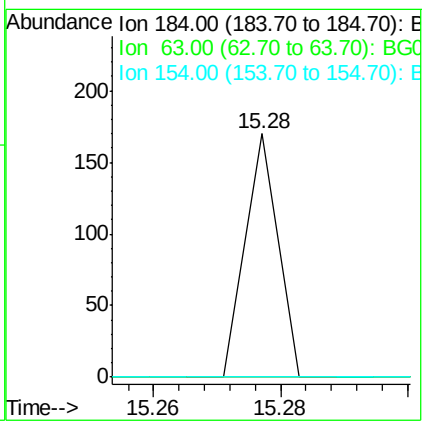


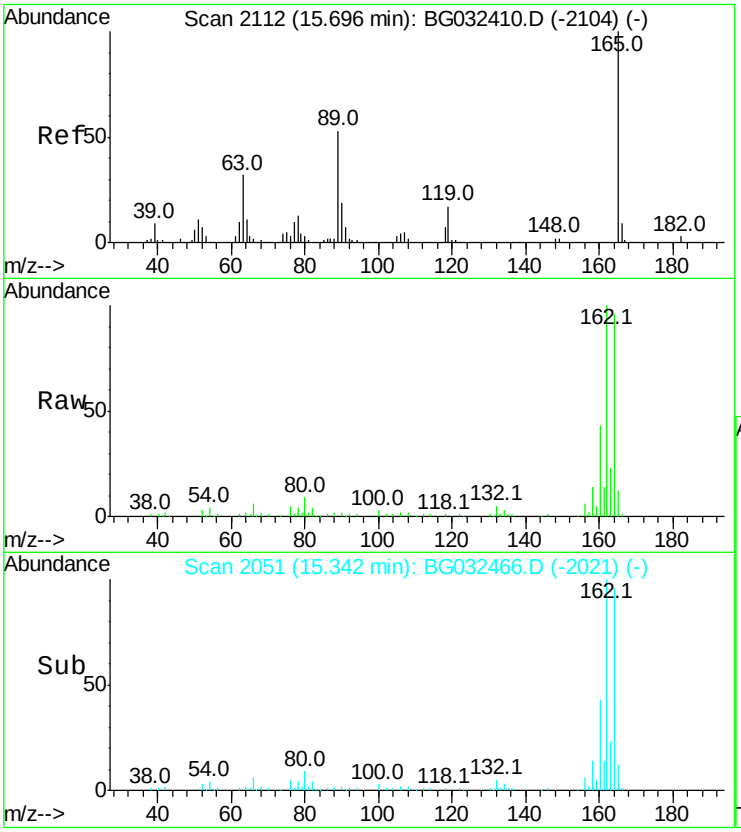


#53
2,4-Dinitrophenol
Concen: 4.155 ng
RT: 15.28 min Scan# 2040
Delta R.T. -0.17 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:184 Resp: 60

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



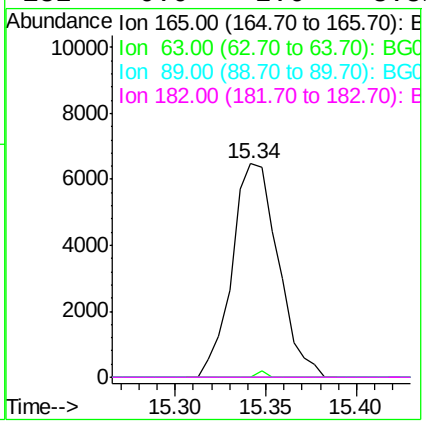


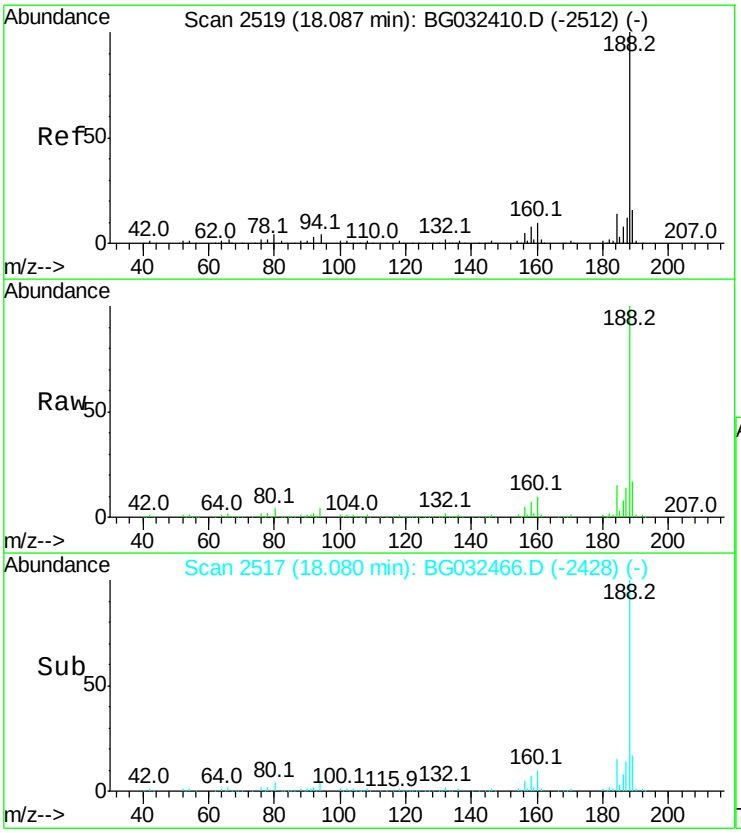
#56
2,4-Dinitrotoluene
Concen: 4.471 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.35 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11437

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#

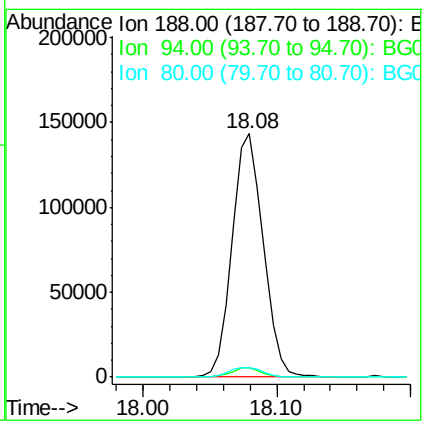


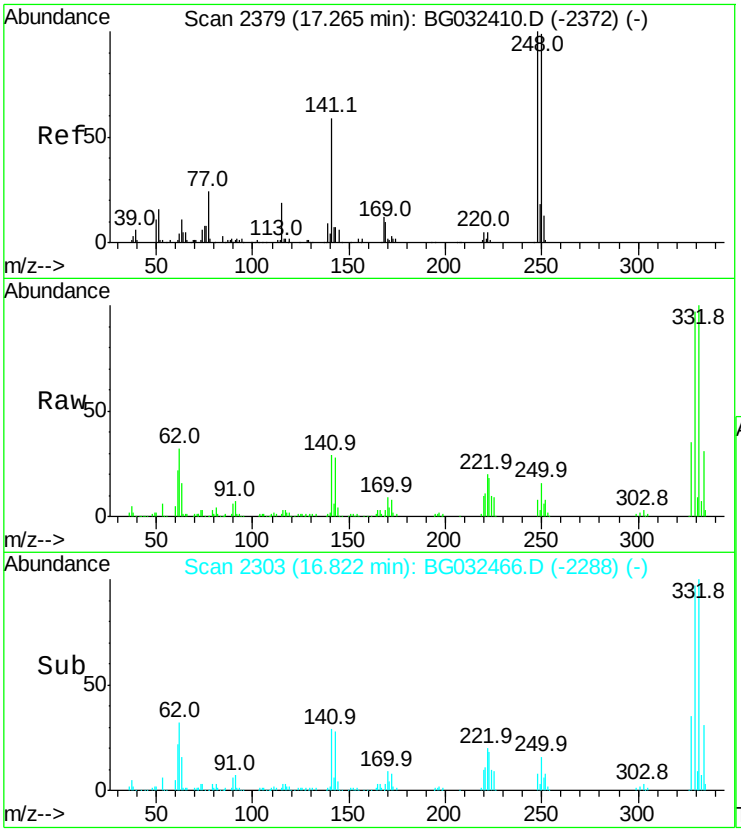


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:188 Resp: 232186

Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	3.9	7.7	11.5#



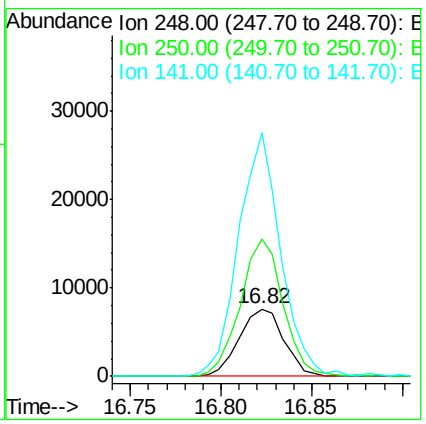


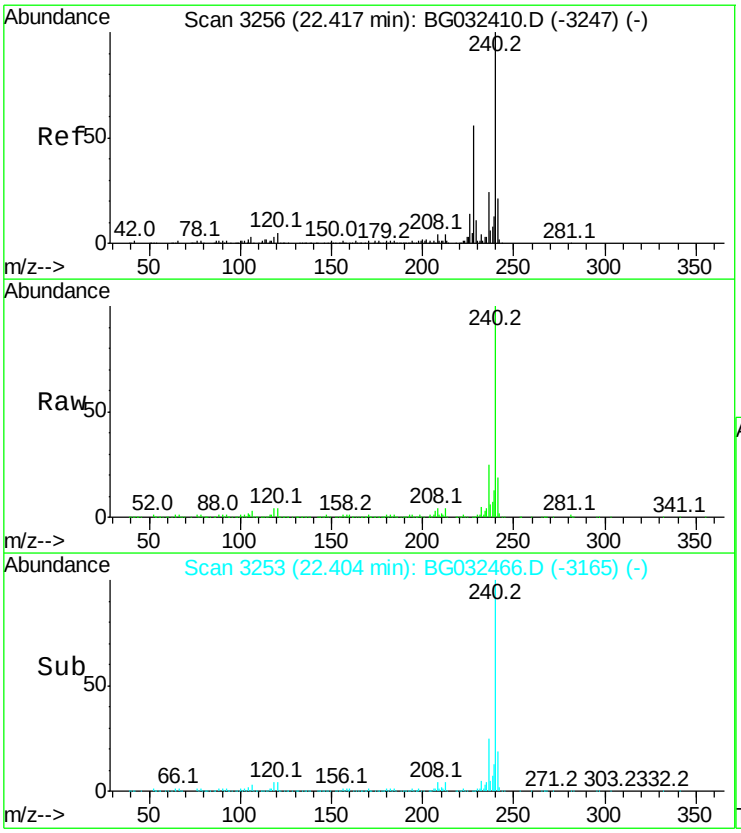
#66
4-Bromophenyl-phenylether
Concen: 3.765 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.44 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12951

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.1	115.7#
141	362.9	50.8	76.2#

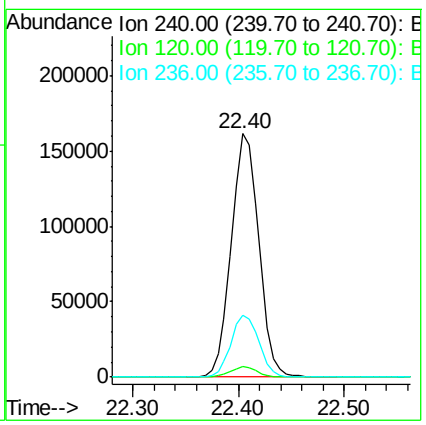


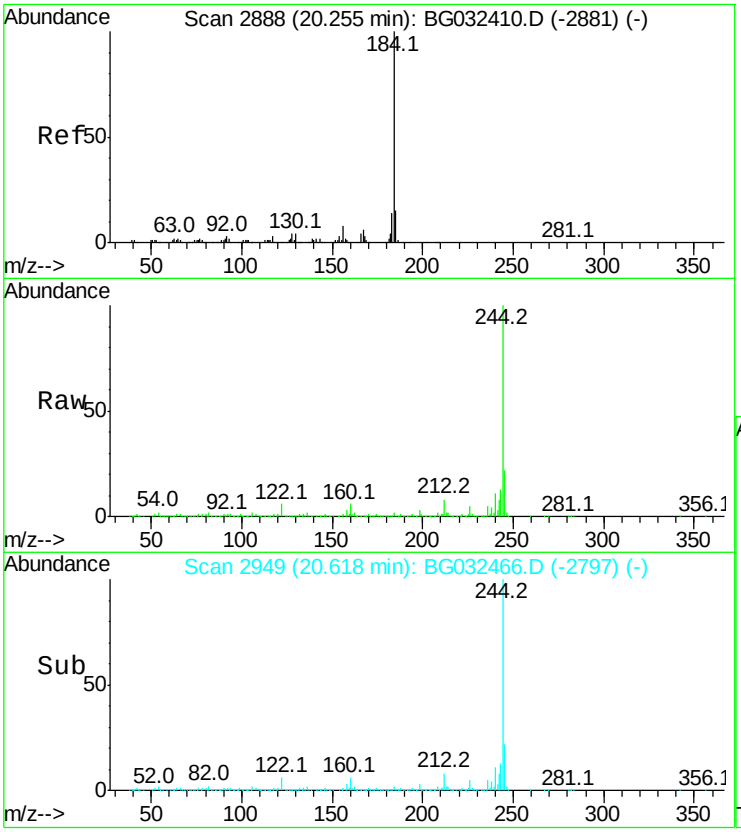


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:240 Resp: 290428

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	25.4	20.9	31.3



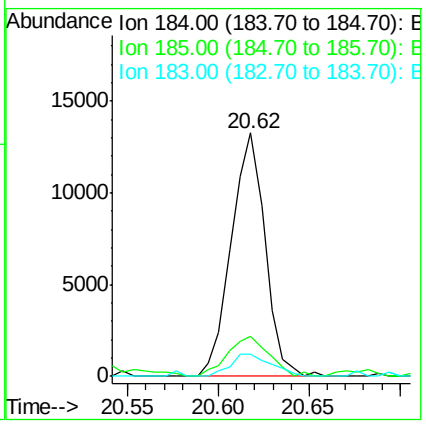


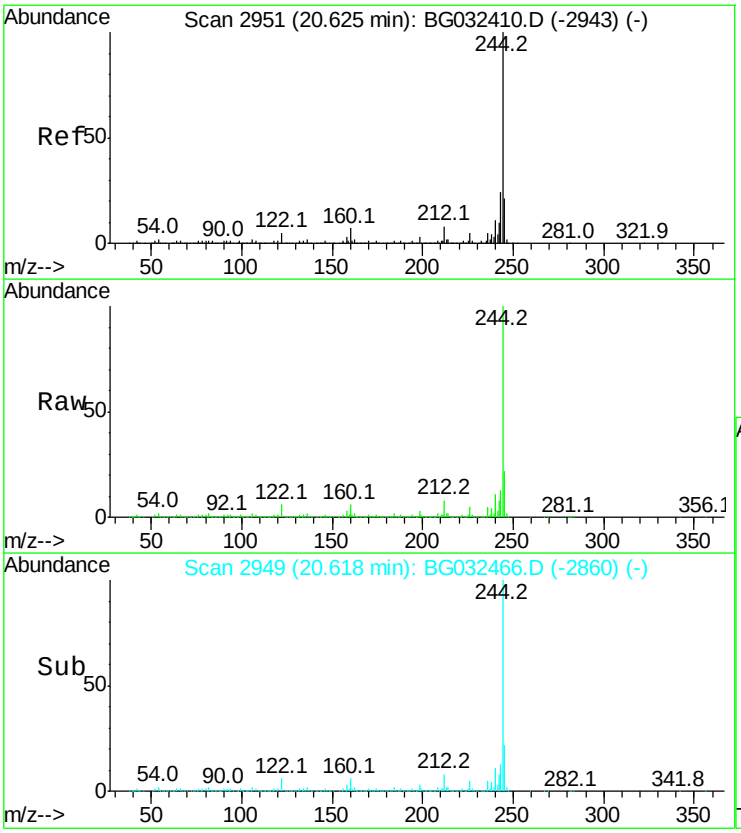
#76
Benzidine
Concen: 3.007 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17150

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	8.8	10.6	16.0#

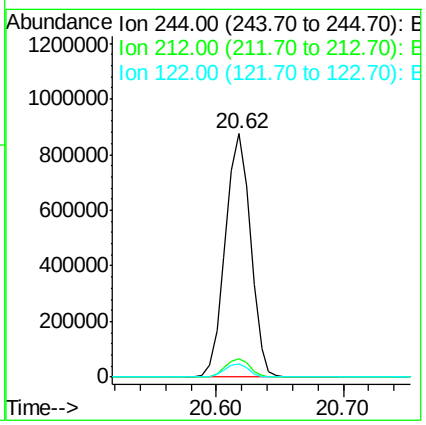


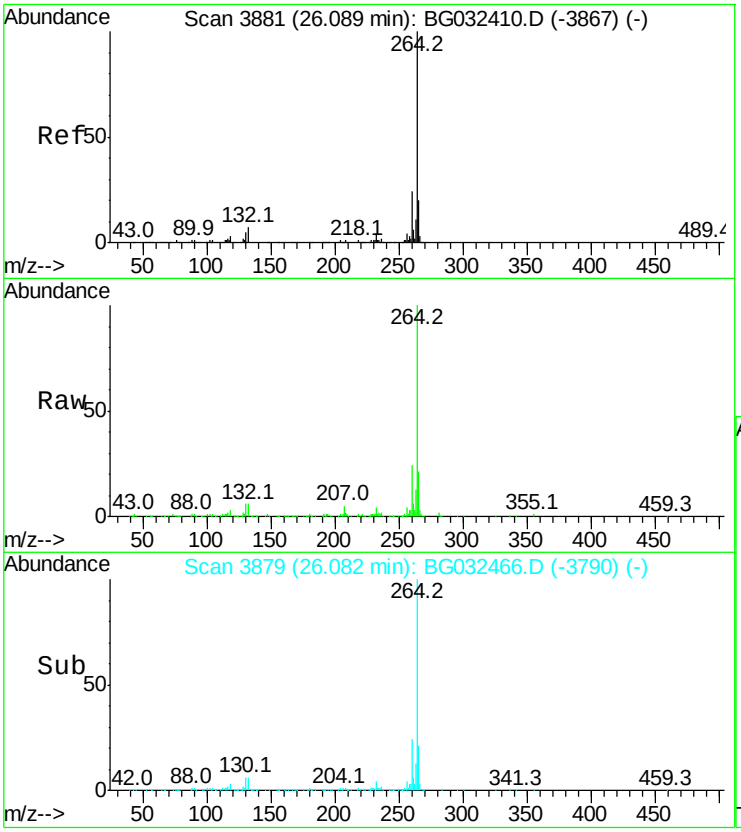


#78
Terphenyl-d14
Concen: 88.983 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:244 Resp: 1206444

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.7	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: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 310299

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.0	17.7	26.5