Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032666.D
Acq On : 13 Feb 2018 18:35
Operator : SJ/JU
Sample : J1398-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 14 03:06:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	35501	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	144547	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	106658	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	277309	20.00	ng	0.00
75) Chrysene-d12	22.37	240	357235	20.00	ng	0.00
86) Perylene-d12	26.02	264	364571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	258371	146.02	ng	0.00
7) Phenol-d6	7.79	99	280034	115.74	ng	0.00
23) Nitrobenzene-d5	9.87	82	225932	99.34	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	216512	131.83	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	785190	92.06	ng	0.00
78) Terphenyl-d14	20.59	244	1556269	99.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	3476	4.70	ng	# 1
15) Benzyl Alcohol	9.00	79	4712	2.60	ng	# 49
19) n-Nitroso-di-n-propylamine	9.87	70	33518	20.61	ng	# 77
50) 2,6-Dinitrotoluene	15.31	165	13750	7.24	ng	# 20
56) 2,4-Dinitrotoluene	15.31	165	13750	5.26	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.78	198	581	5.28	ng	# 1
66) 4-Bromophenyl-phenylether	16.79	248	19435	4.90	ng	# 1
76) Benzidine	20.59	184	23615	2.81	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
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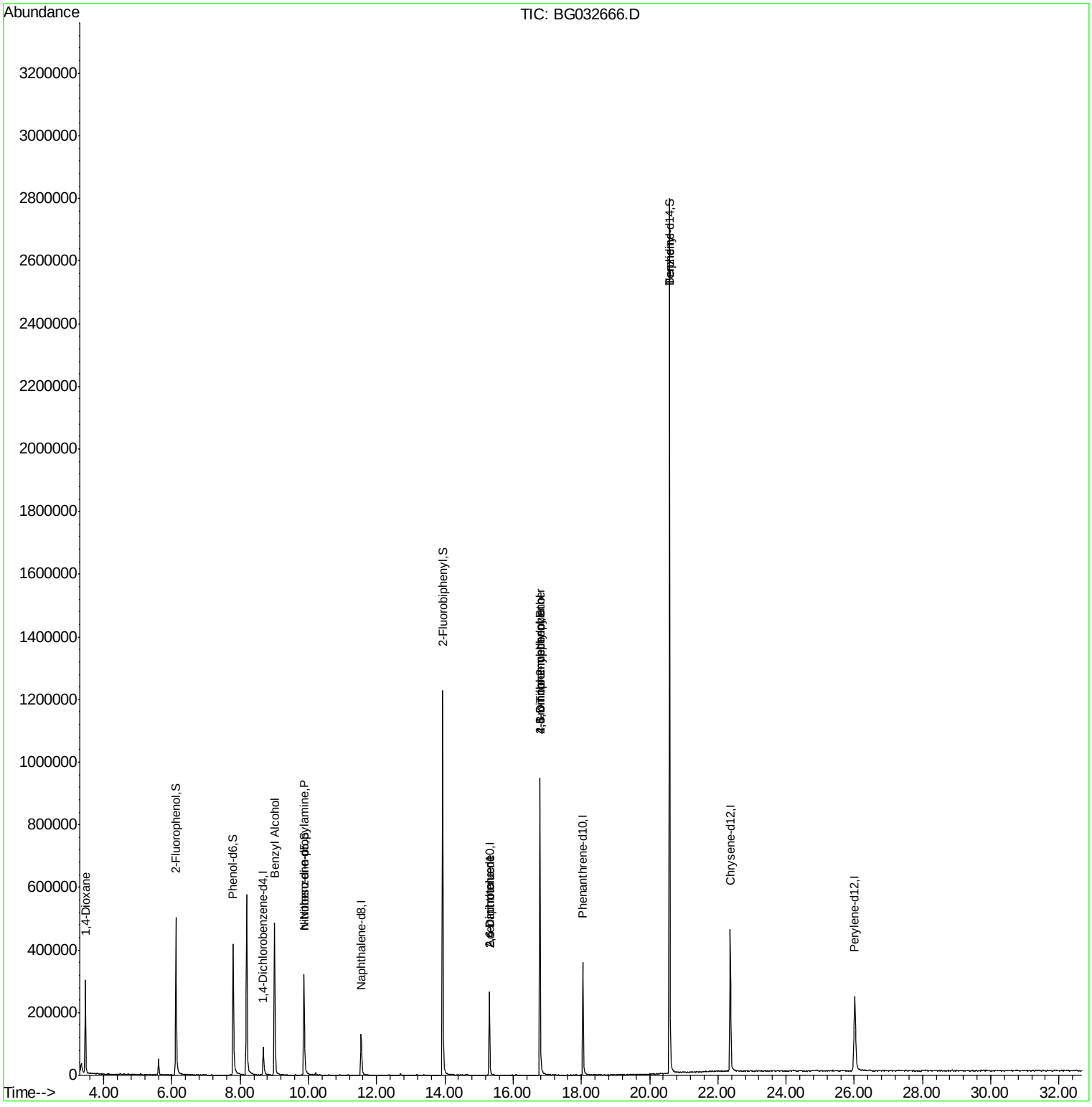
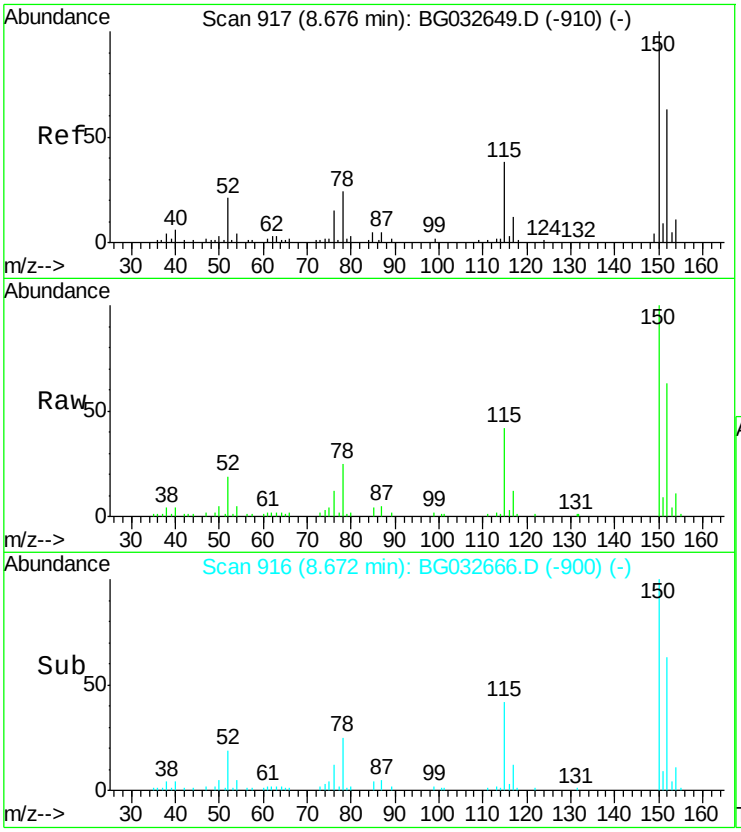
Acq On : 13 Feb 2018 18:35
Operator : SJ/JU
Sample : J1398-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 14 03:06:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration



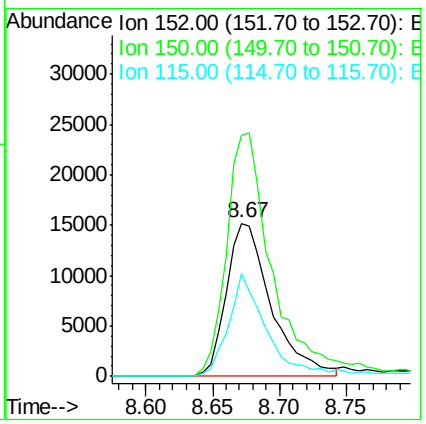


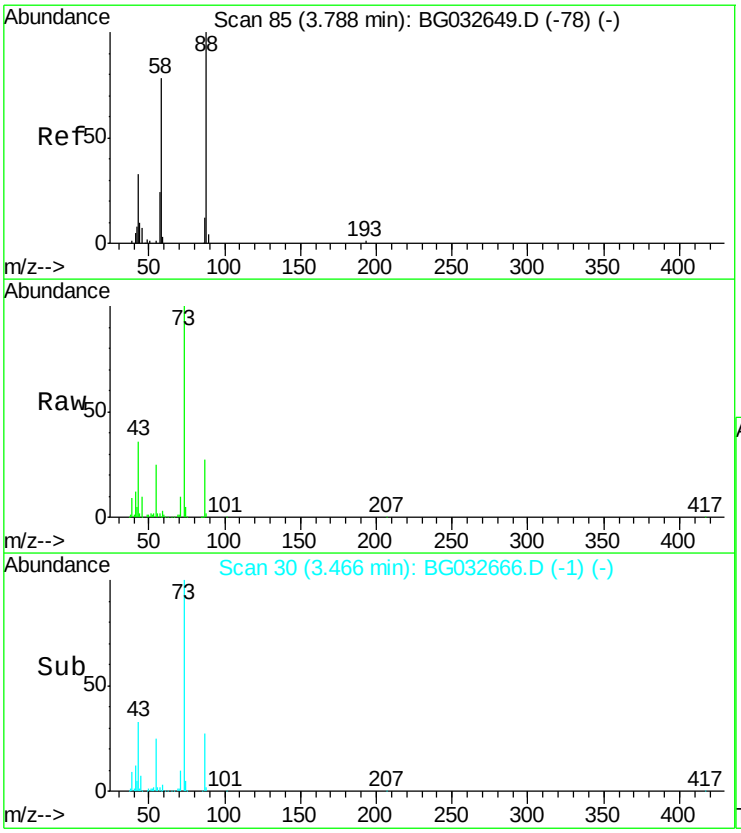
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35501

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	67.1	53.0	79.4

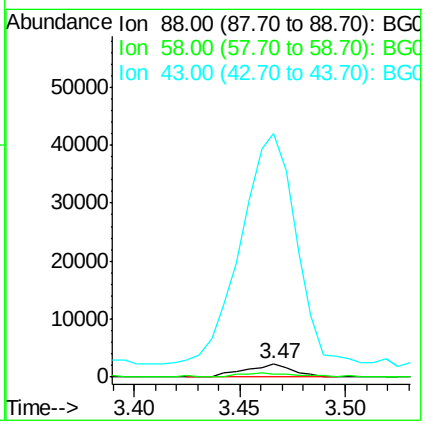


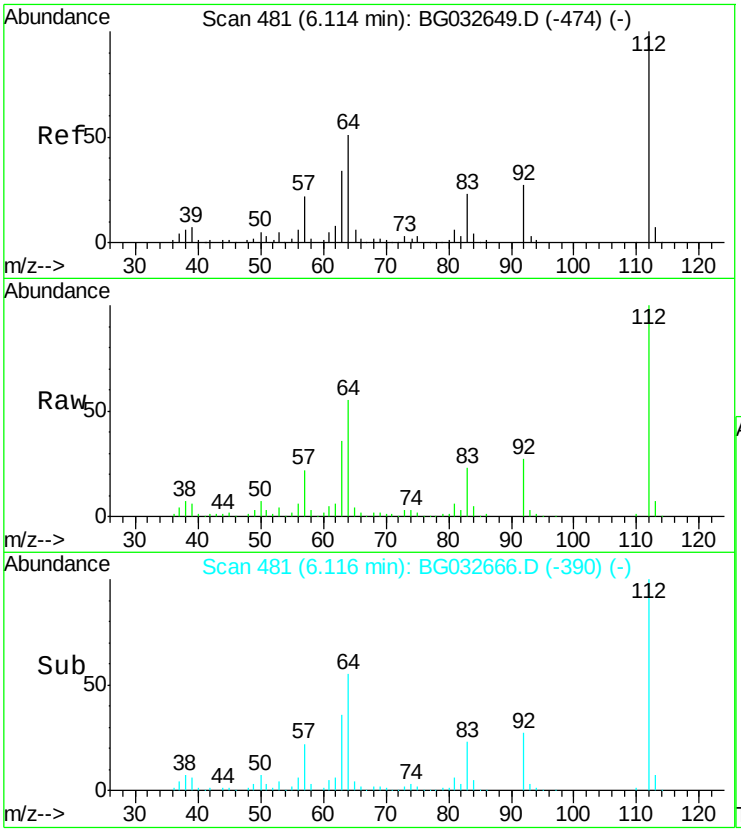


#2
1,4-Dioxane
Concen: 4.70 ng
RT: 3.47 min Scan# 30
Delta R.T. -0.32 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion: 88 Resp: 3476

Ion	Ratio	Lower	Upper
88	100		
58	37.3	79.6	119.4#
43	2079.5	27.4	41.0#



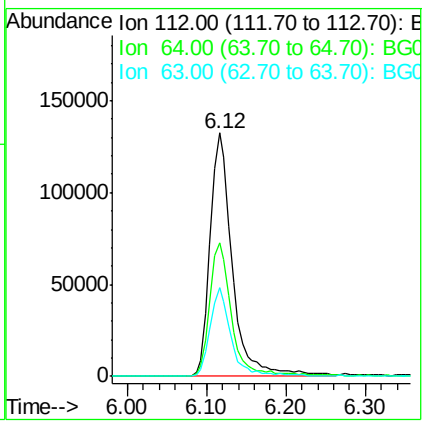


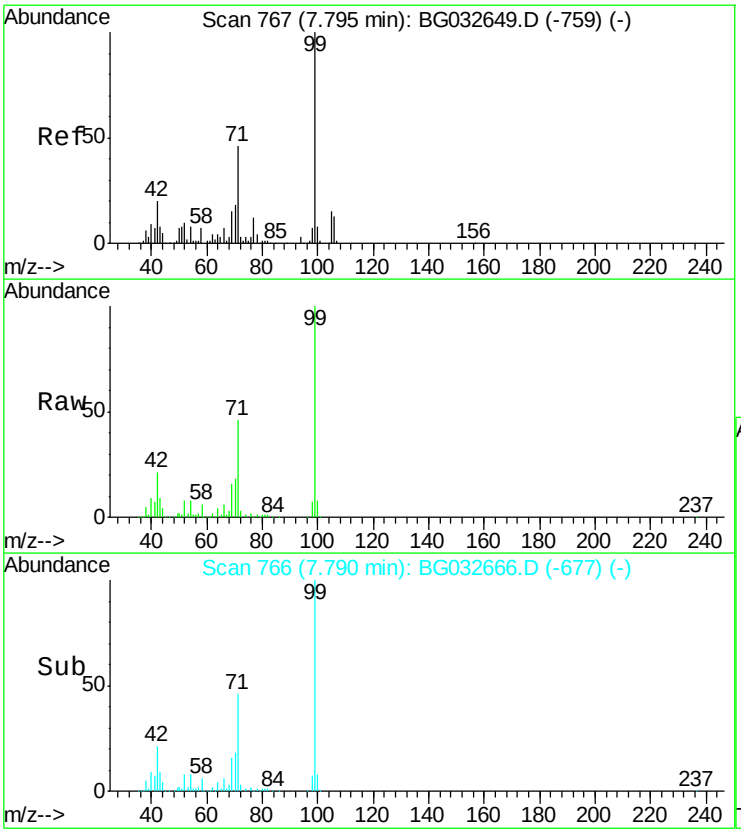
#5
2-Fluorophenol
Concen: 146.02 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 258371

Ion	Ratio	Lower	Upper
112	100		
64	54.9	56.3	84.5#
63	36.3	30.1	45.1

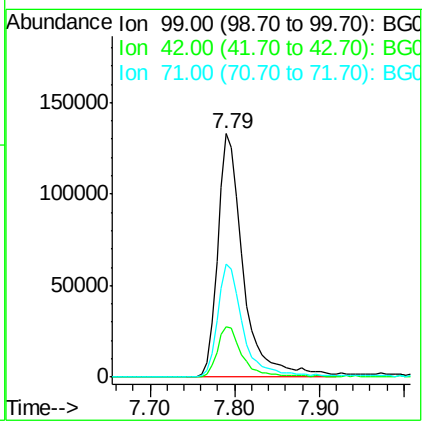


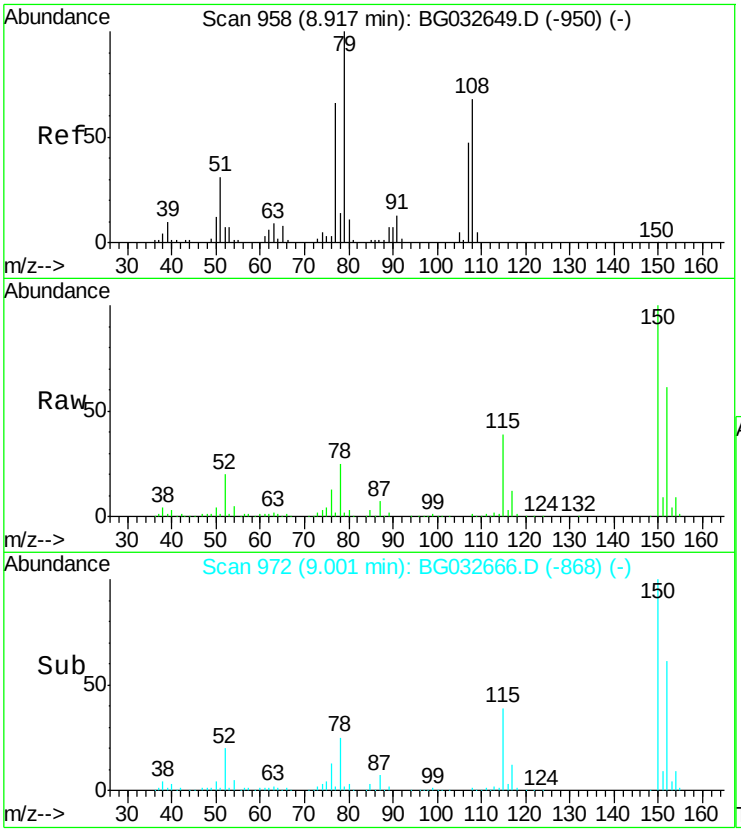


#7
Phenol-d6
Concen: 115.74 ng
RT: 7.79 min Scan# 766
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion: 99 Resp: 280034

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.1	21.1
71	46.5	26.1	39.1#



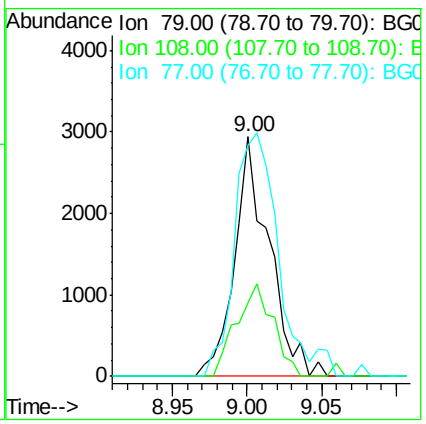


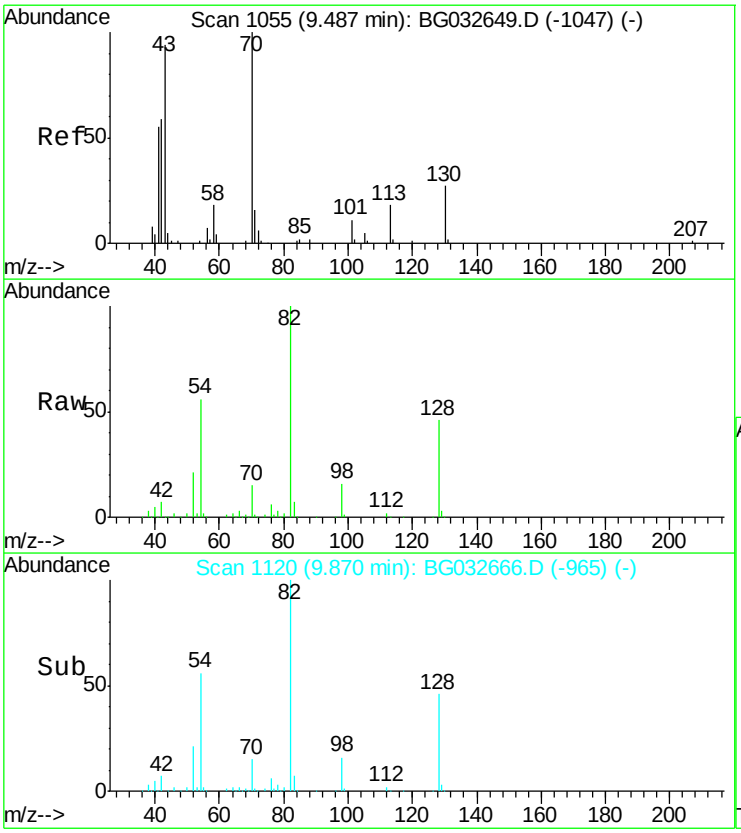
#15
Benzyl Alcohol
Concen: 2.60 ng
RT: 9.00 min Scan# 972
Delta R.T. 0.08 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4712

Ion	Ratio	Lower	Upper
79	100		
108	30.6	57.2	85.8#
77	96.2	46.1	69.1#

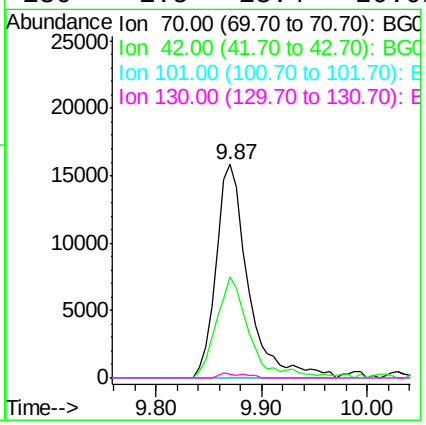


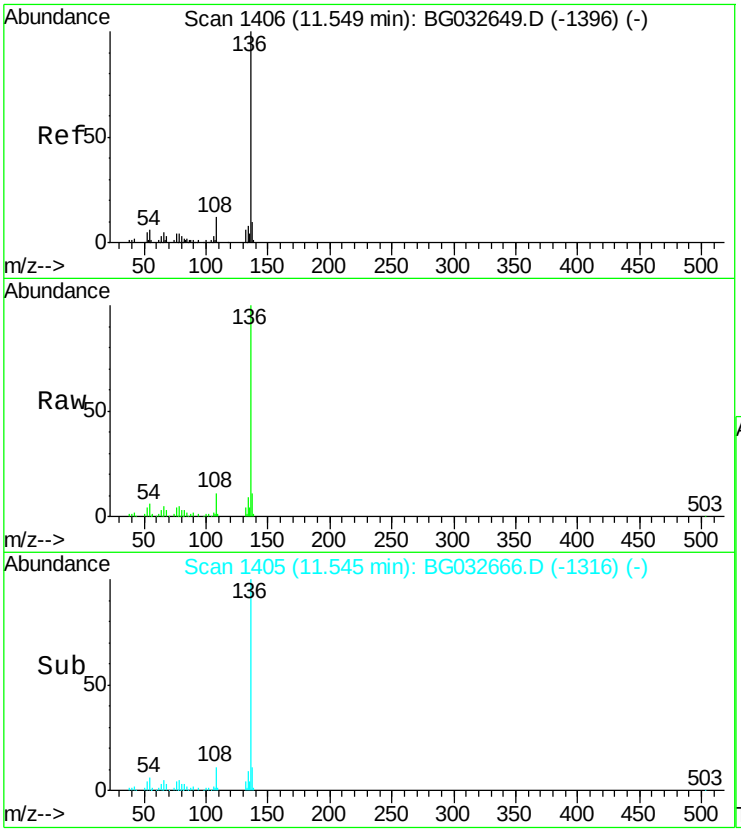


#19
n-Nitroso-di-n-propylamine
Concen: 20.61 ng
RT: 9.87 min Scan# 1120
Delta R.T. 0.38 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion: 70 Resp: 33518

Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



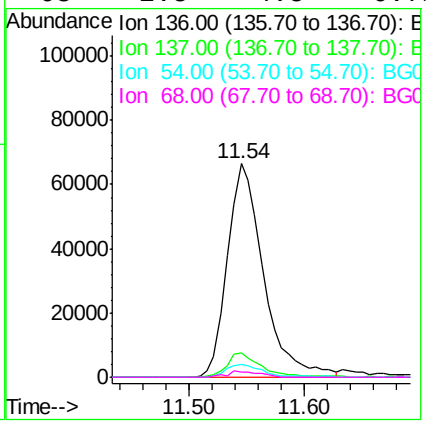


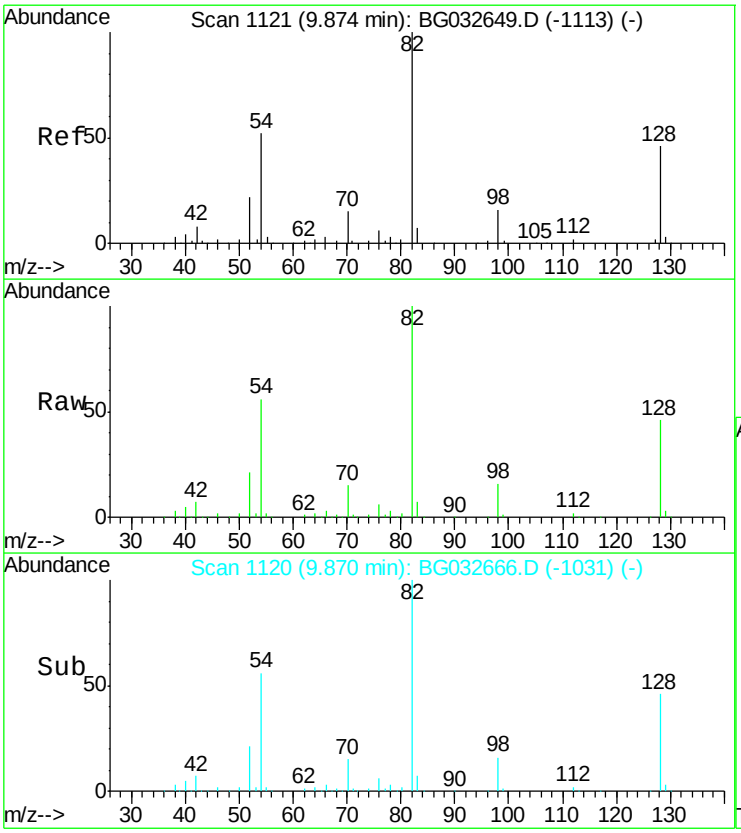
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.54 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 144547

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.8	10.3	15.5#
68	2.5	4.5	6.7#

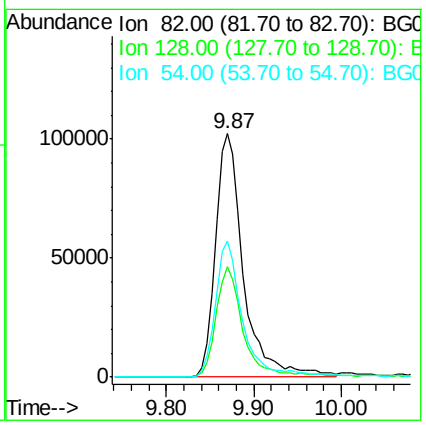


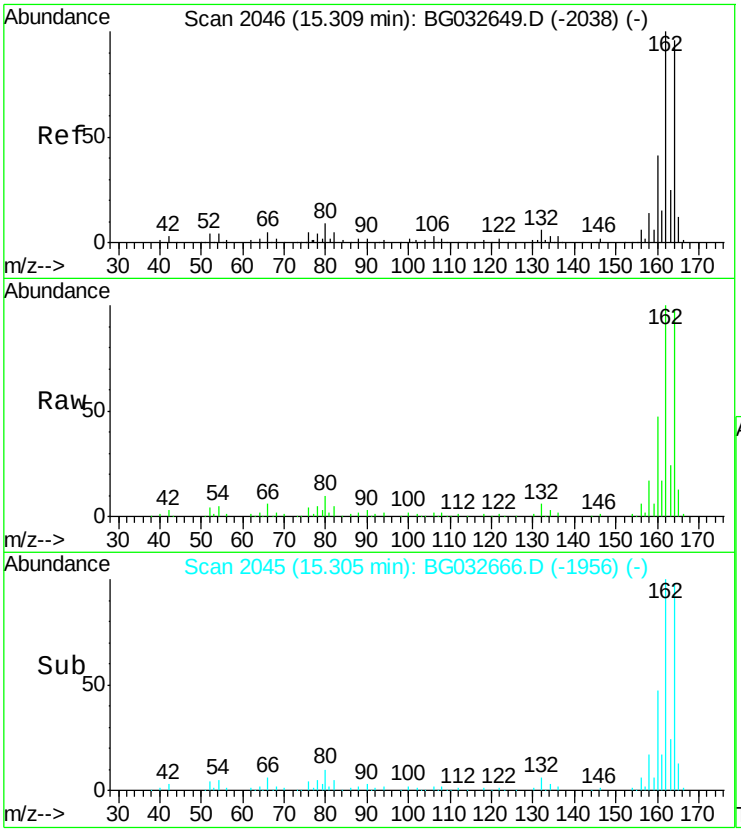


#23
Nitrobenzene-d5
Concen: 99.34 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion: 82 Resp: 225932

Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	55.7	43.1	64.7



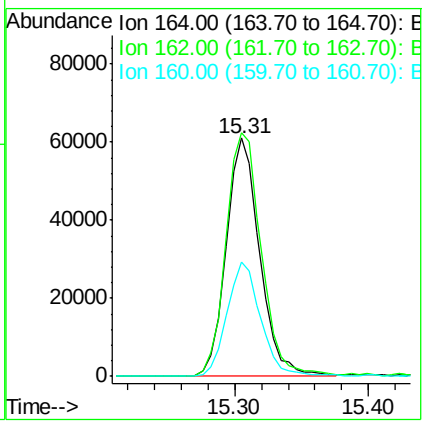


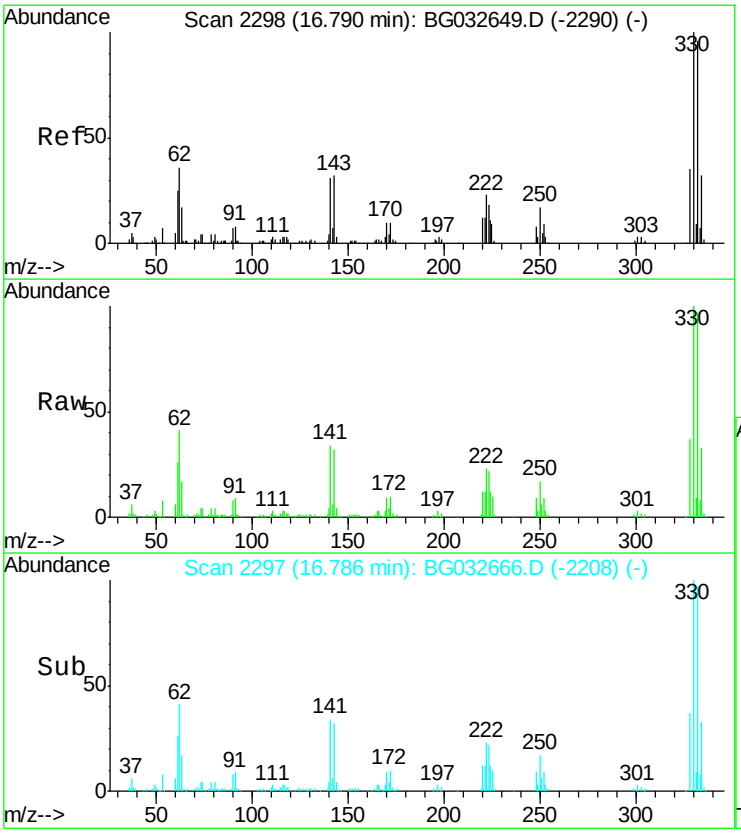
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 106658

Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	48.0	35.4	53.0

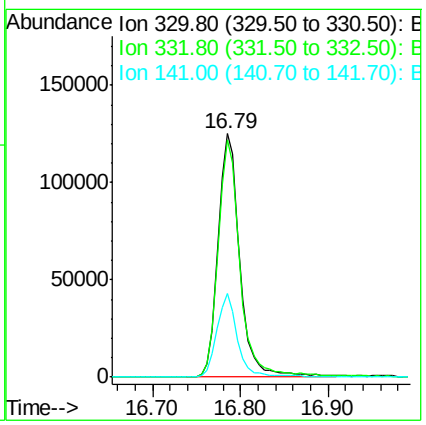


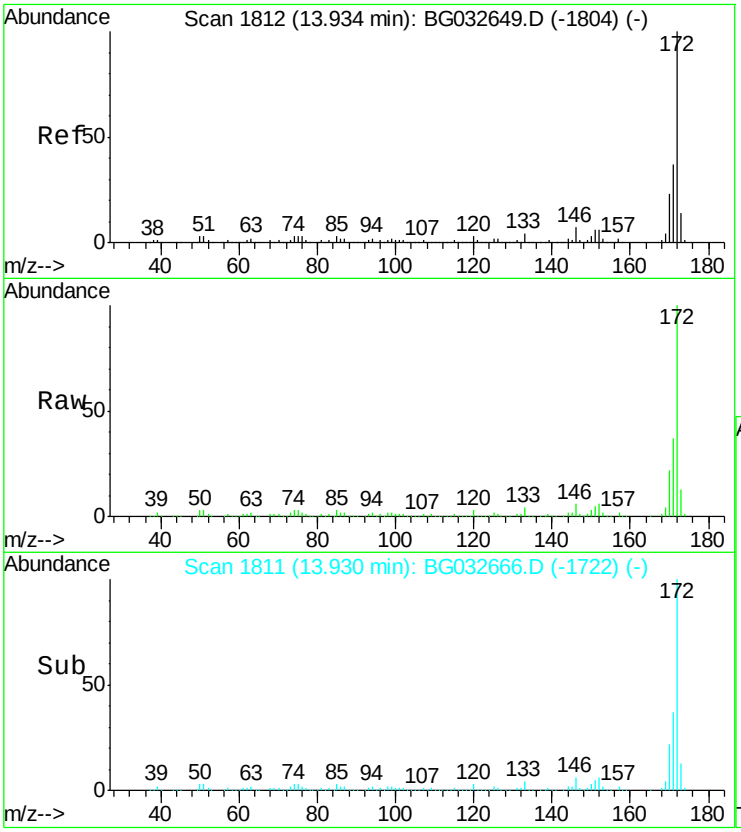


#41
2,4,6-Tribromophenol
Concen: 131.83 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:330 Resp: 216512

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.9	25.2	37.8



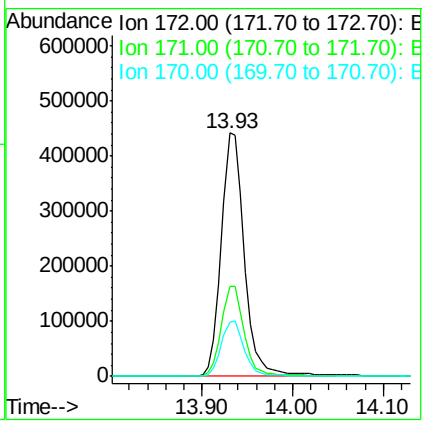


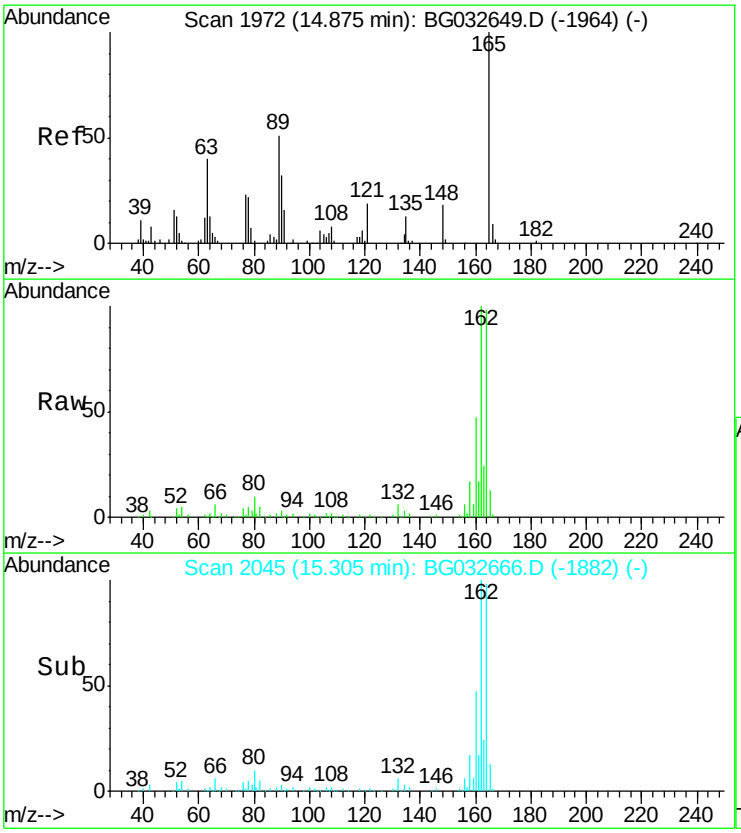
#44
2-Fluorobiphenyl
Concen: 92.06 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 785190

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	22.3	19.5	29.3

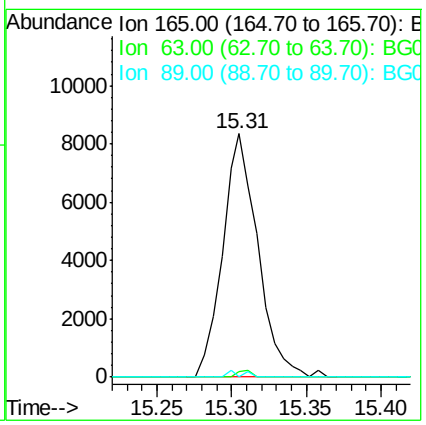


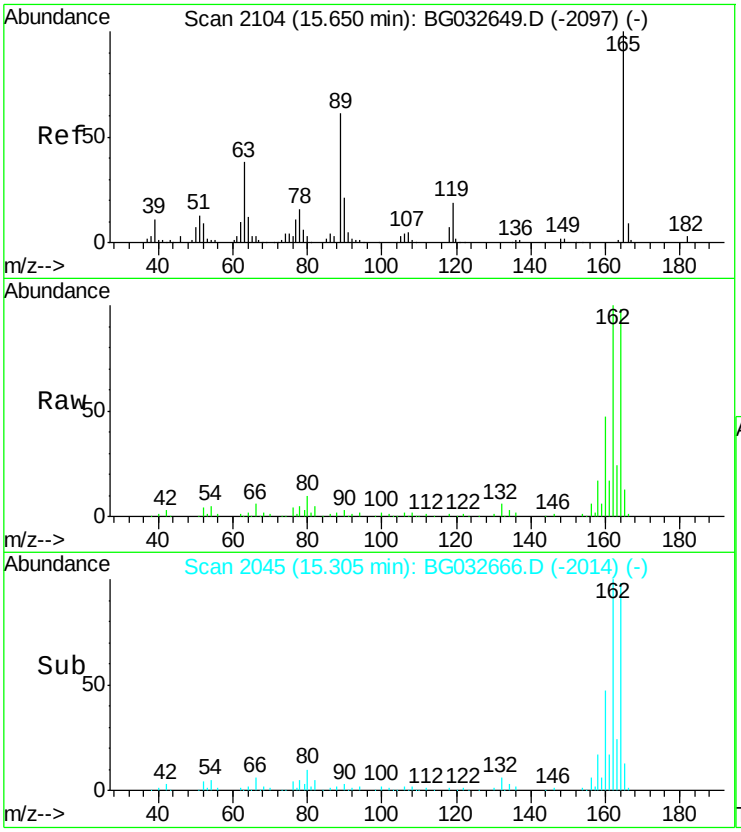


#50
2,6-Dinitrotoluene
Concen: 7.24 ng
RT: 15.31 min Scan# 2045
Delta R.T. 0.43 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:165 Resp: 13750

Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	0.0	49.2	73.8#



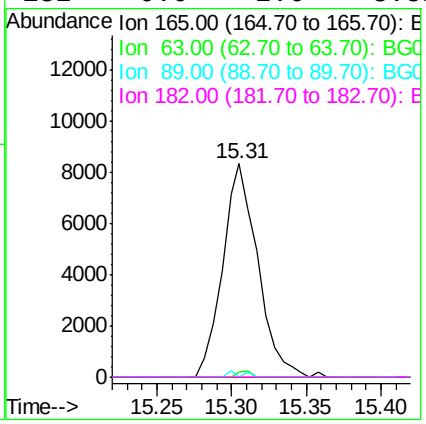


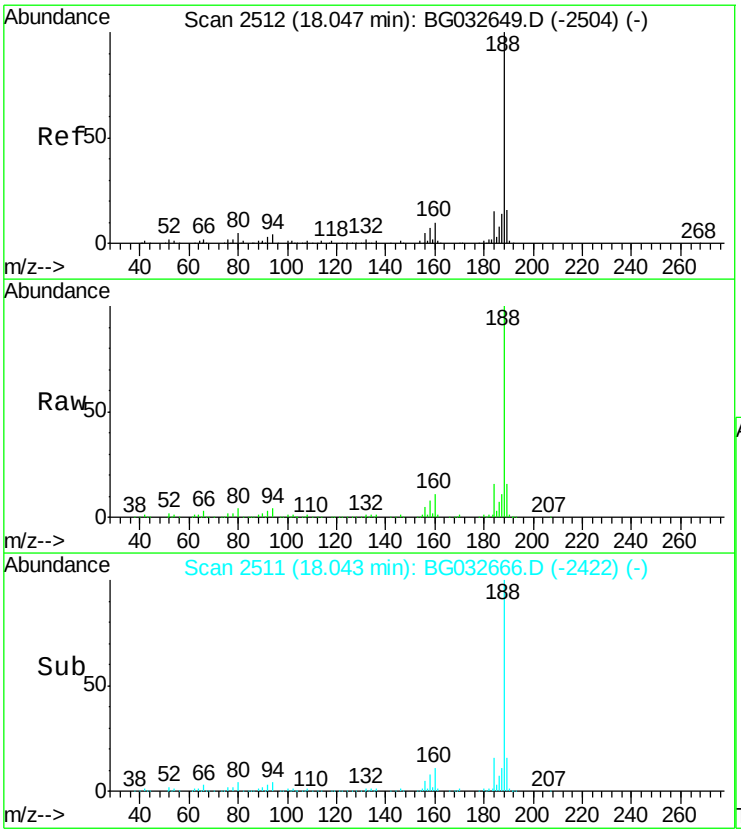
#56
2,4-Dinitrotoluene
Concen: 5.26 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.34 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13750

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

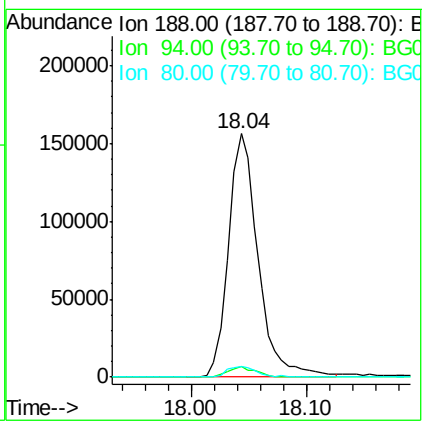


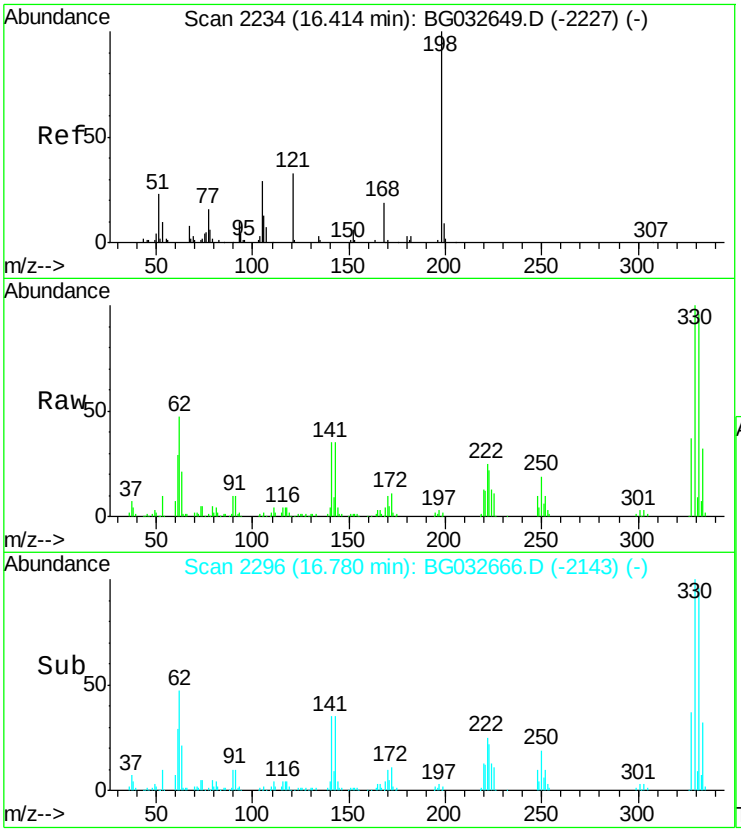


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:188 Resp: 277309

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.5	7.7	11.5#



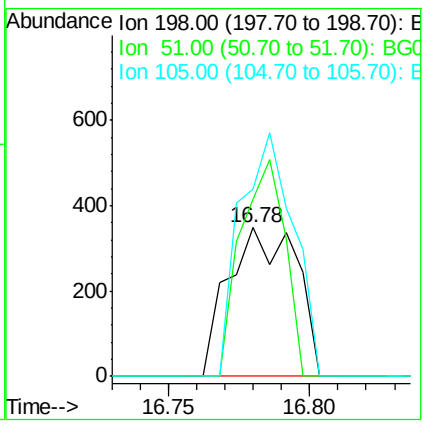


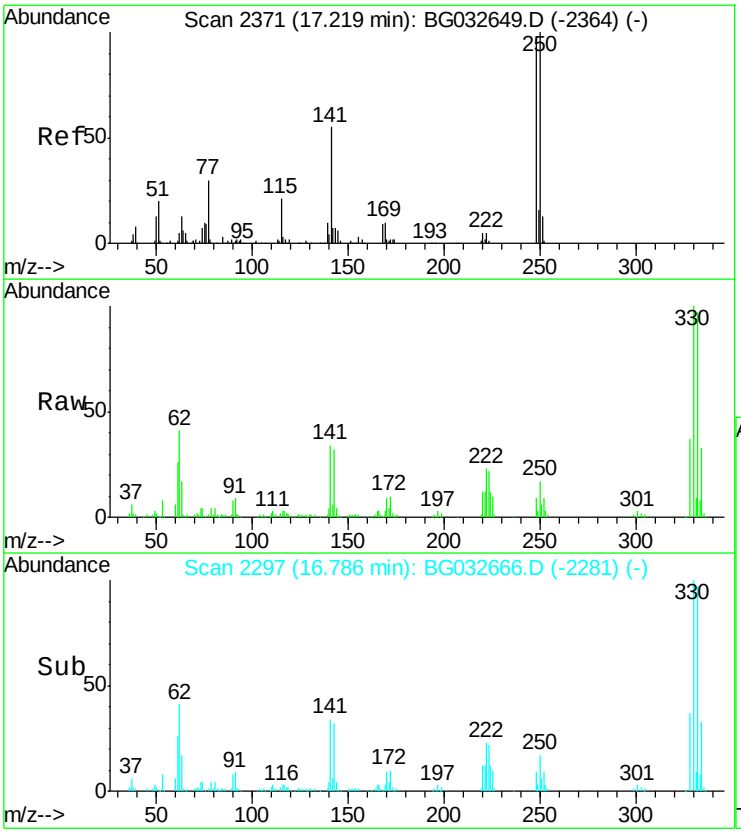
#64
4,6-Dinitro-2-methylphenol
Concen: 5.28 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.37 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 581

Ion	Ratio	Lower	Upper
198	100		
51	119.3	30.6	70.6#
105	125.9	23.8	63.8#

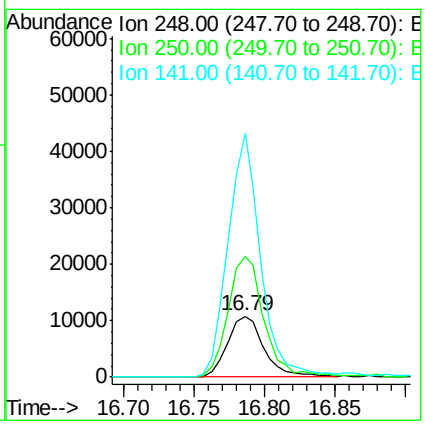


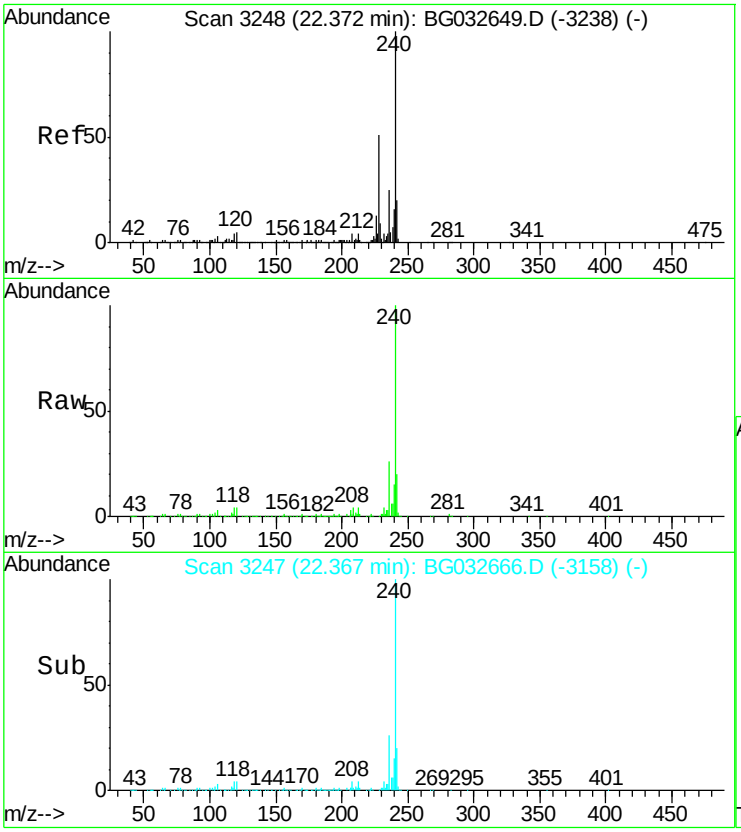


#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.43 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:248 Resp: 19435

Ion	Ratio	Lower	Upper
248	100		
250	197.9	77.1	115.7#
141	398.5	50.8	76.2#



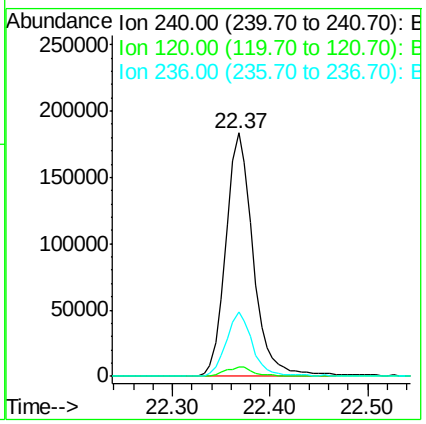


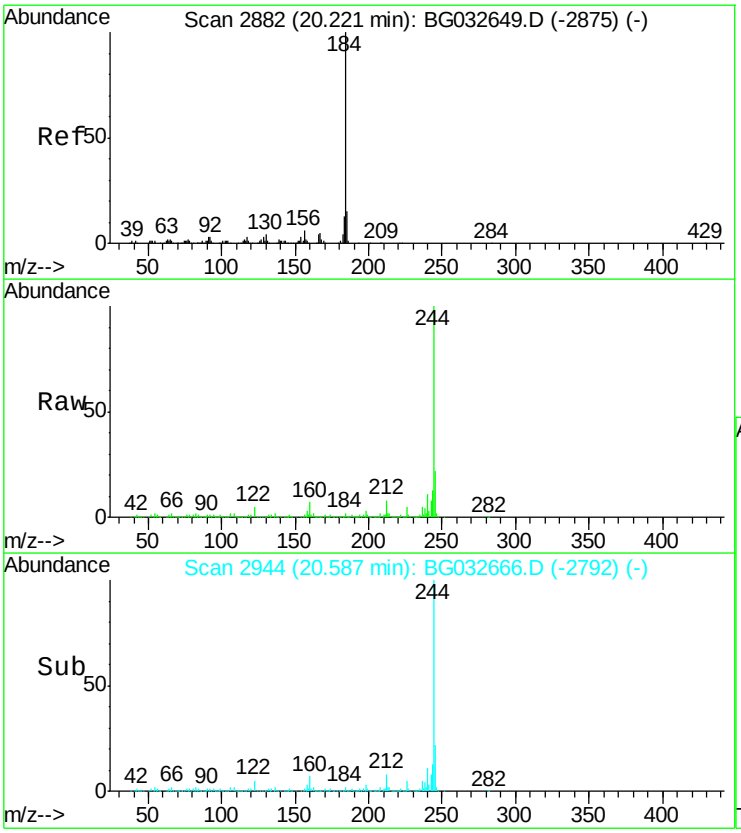
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 357235

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	26.5	20.9	31.3

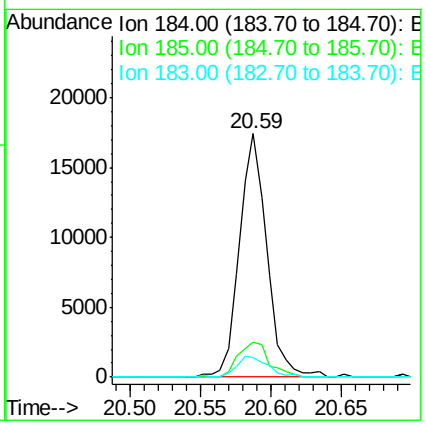


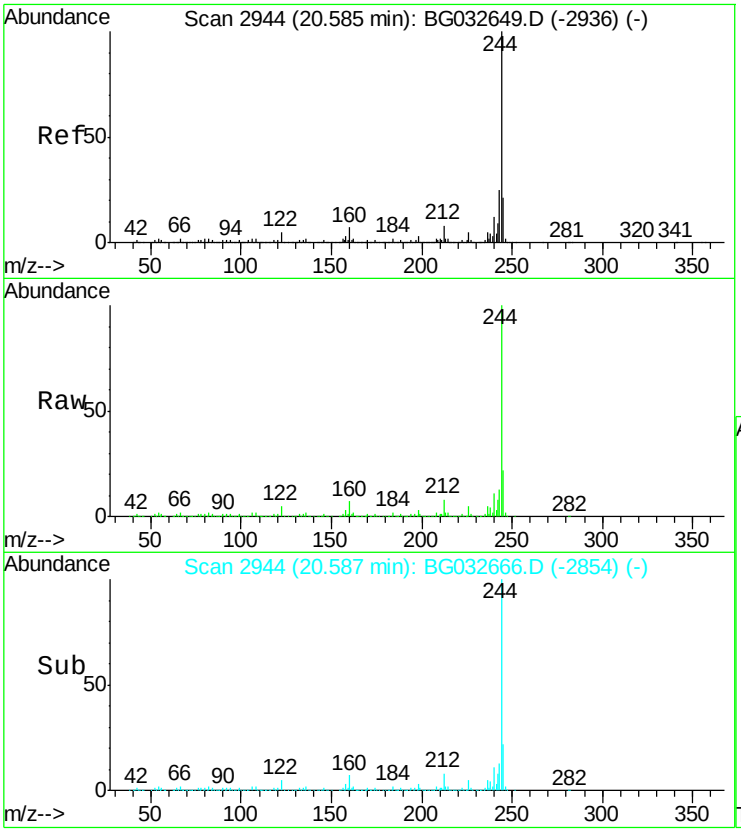


#76
Benzidine
Concen: 2.81 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.37 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:184 Resp: 23615

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.1	16.7
183	8.2	10.6	16.0#



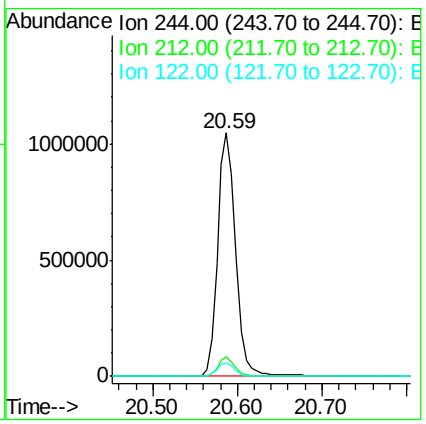


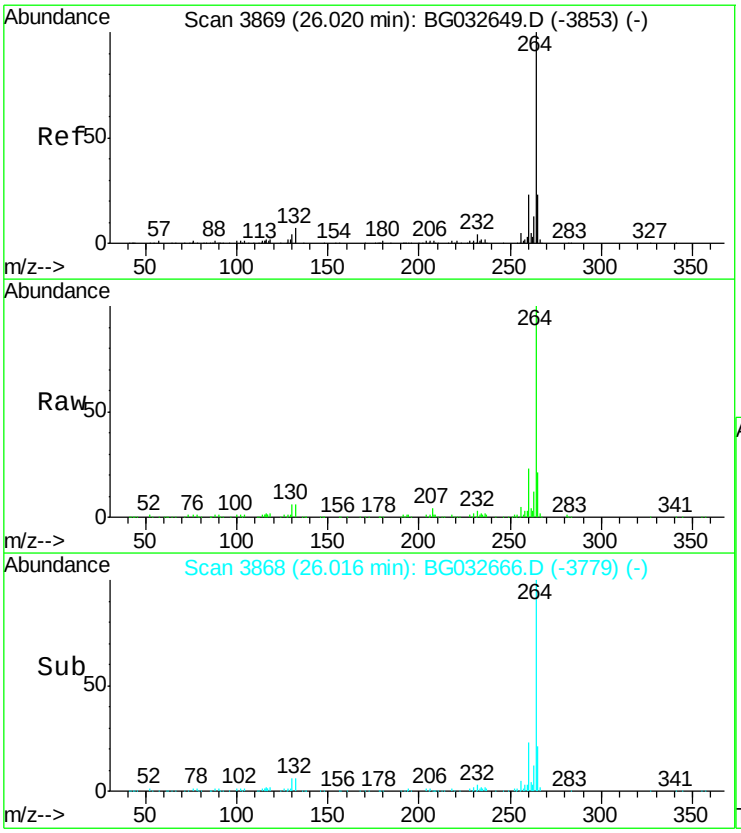
#78
Terphenyl-d14
Concen: 99.29 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1556269

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.02 min Scan# 3868
Delta R.T. -0.00 min
Lab File: BG032666.D
Acq: 13 Feb 2018 18:35

Tgt Ion:264 Resp: 364571

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.4	17.7	26.5