Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033898.D
Acq On : 21 Apr 2018 00:04
Operator : SJ/JU
Sample : J2473-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 041818-DBRI-F-D-B

Quant Time: Apr 21 05:17:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	68348	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	293111	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	184018	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	480166	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	537003	20.00	ng	-0.02
86) Perylene-d12	24.53	264	539236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	214588	50.13	ng	0.00
7) Phenol-d6	7.00	99	176858	28.32	ng	0.00
23) Nitrobenzene-d5	8.98	82	534094	103.70	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	240389	111.97	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1231099	98.28	ng	-0.01
78) Terphenyl-d14	19.86	244	2261646	94.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.98	77	82	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	75813	14.244	ng	# 80
32) Benzoic acid	9.83	122	55	5.096	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	23845	7.773	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	23845	5.845	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.95	198	1854	7.183	ng	# 64
66) 4-Bromophenyl-phenylether	15.95	248	15351	2.911	ng	# 1
76) Benzidine	19.86	184	38263	2.639	ng	# 89

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

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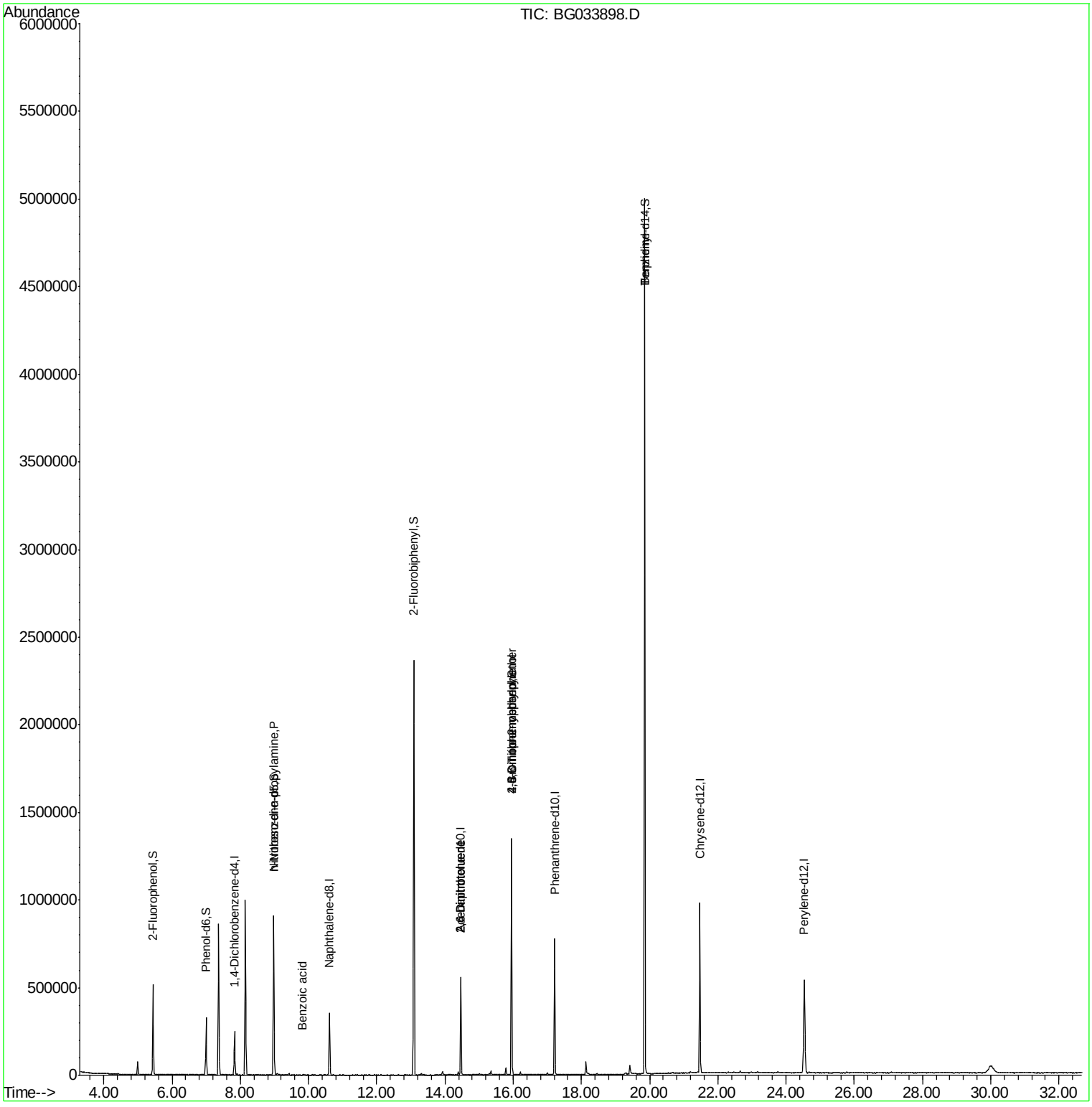
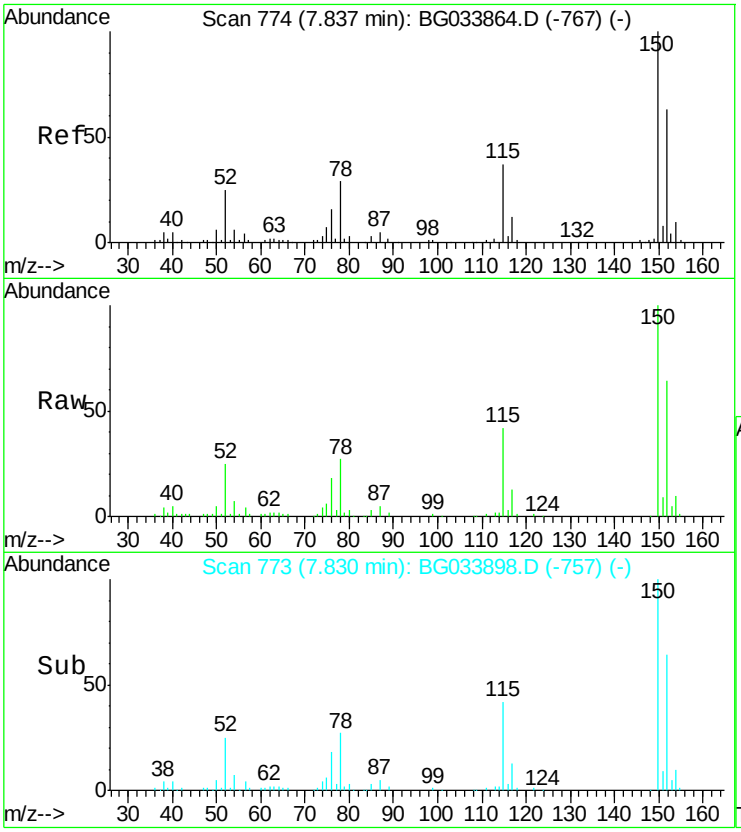


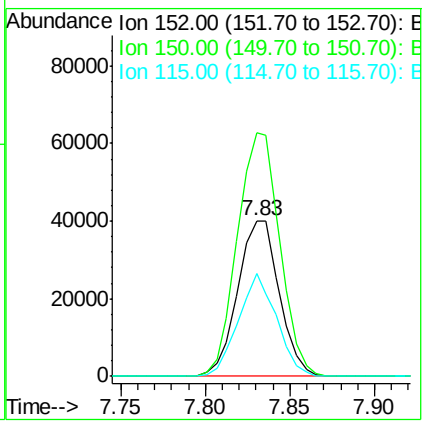


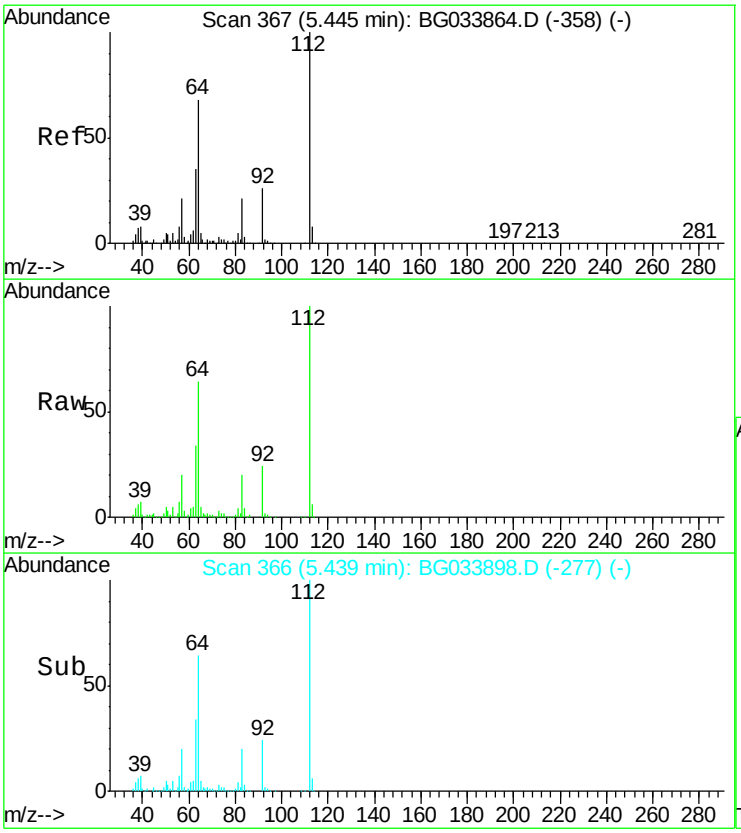
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:152 Resp: 68348

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	65.6	53.0	79.4

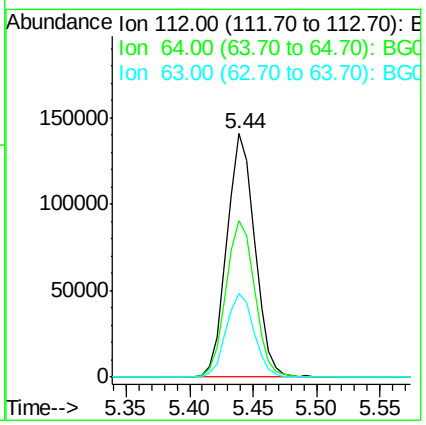


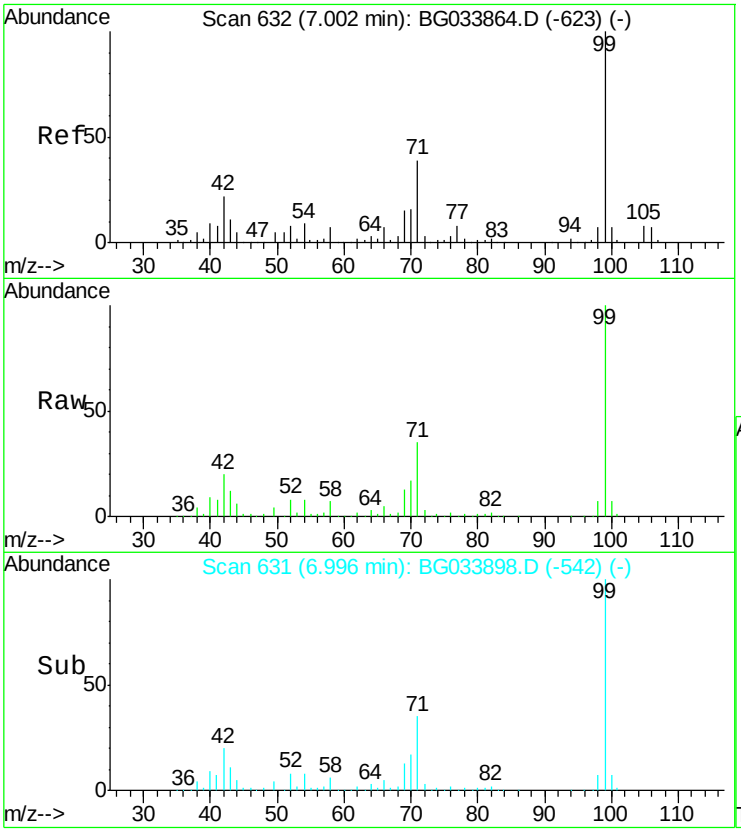


#5
2-Fluorophenol
Concen: 50.125 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:112 Resp: 214588

Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	34.2	30.1	45.1



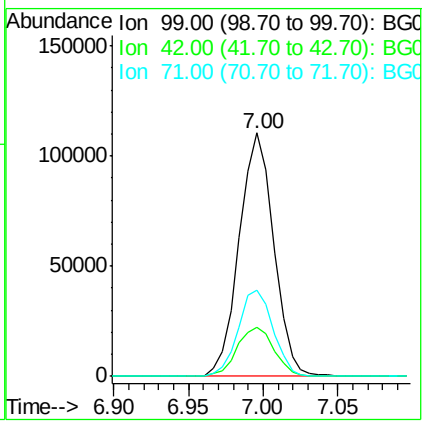


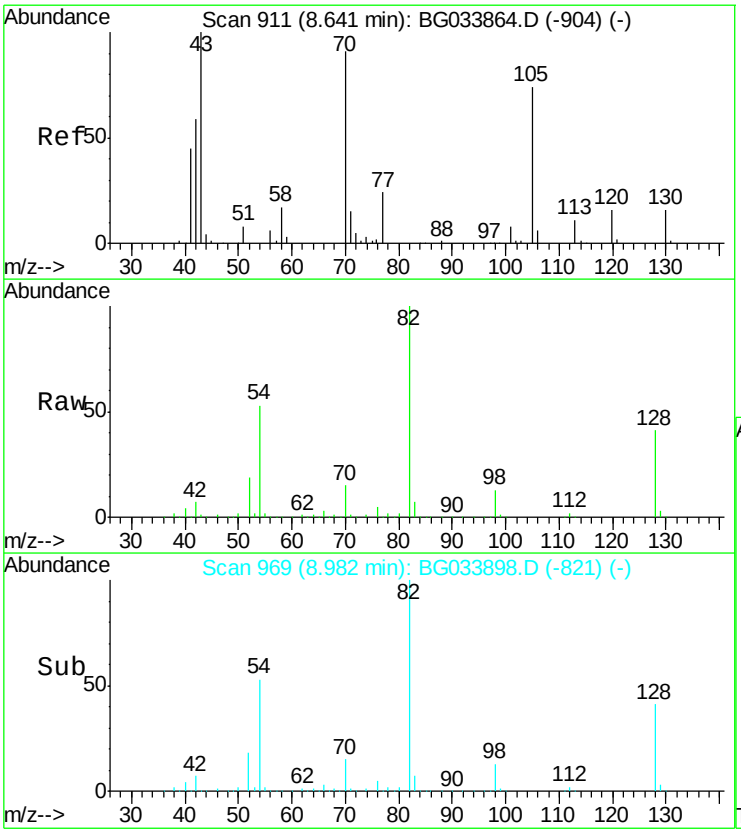
#7
Phenol-d6
Concen: 28.324 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion: 99 Resp: 176858

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	35.2	26.1	39.1

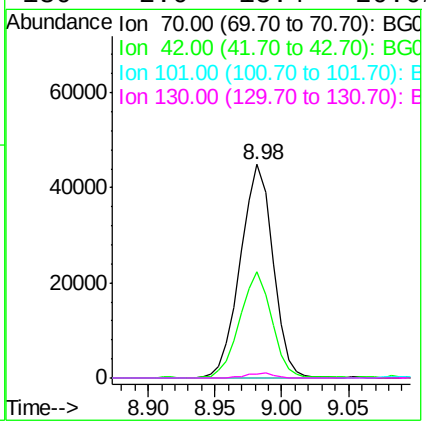


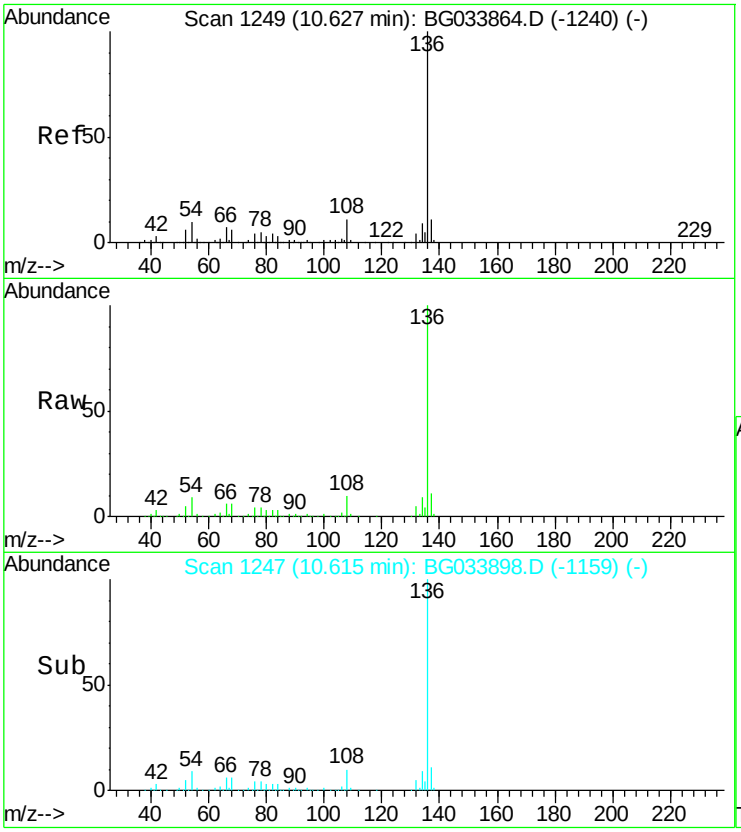


#19
n-Nitroso-di-n-propylamine
Concen: 14.244 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion: 70 Resp: 75813

Ion	Ratio	Lower	Upper
70	100		
42	50.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



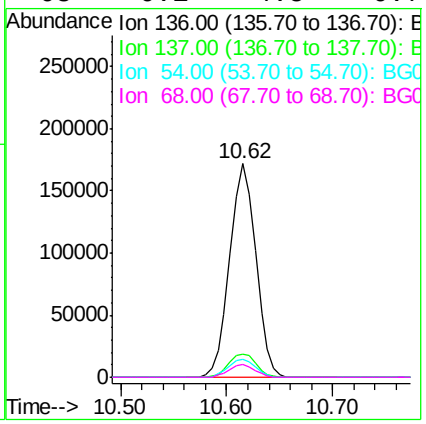


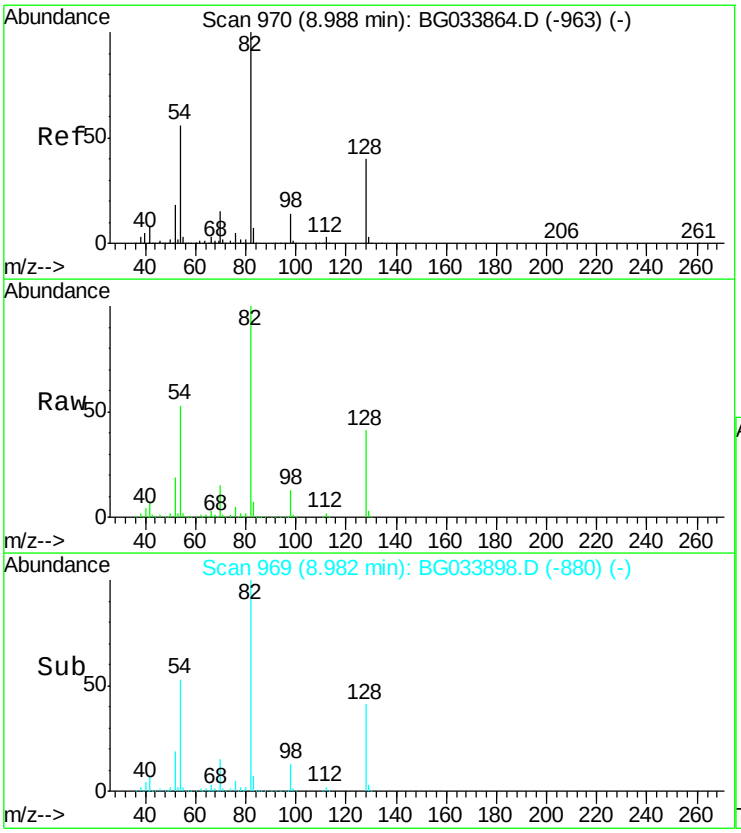
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:136 Resp: 293111

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.7	10.3	15.5#
68	6.1	4.5	6.7

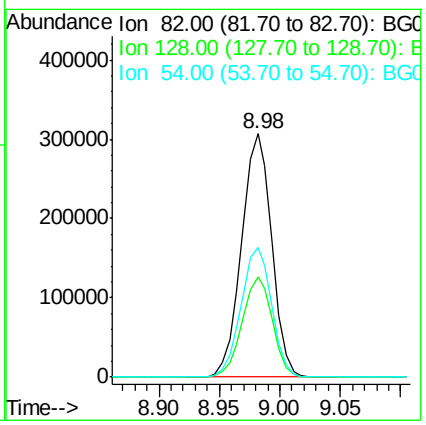


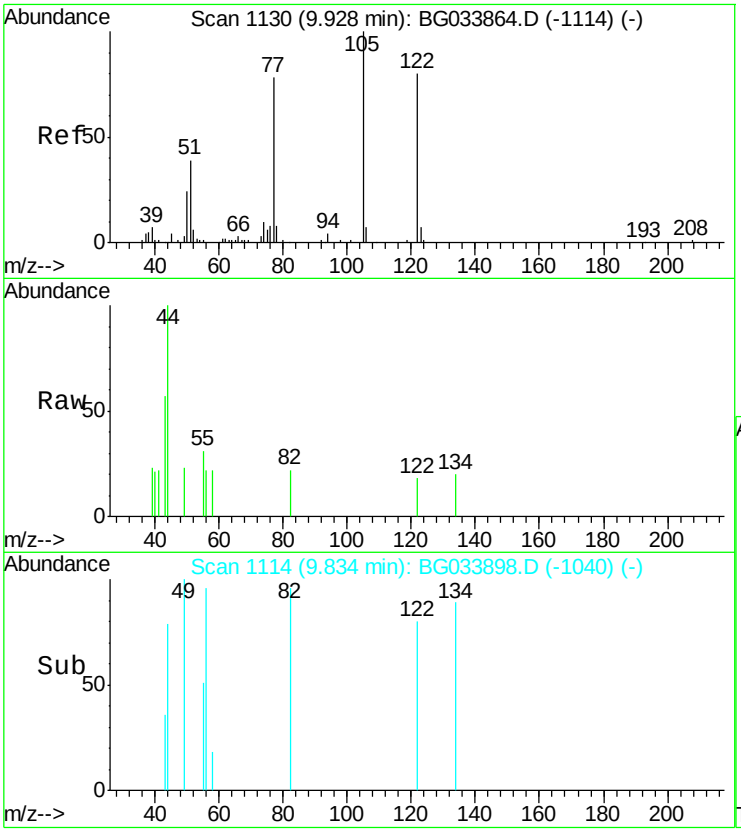


#23
Nitrobenzene-d5
Concen: 103.698 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion: 82 Resp: 534094

Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.7	44.5
54	53.2	43.1	64.7



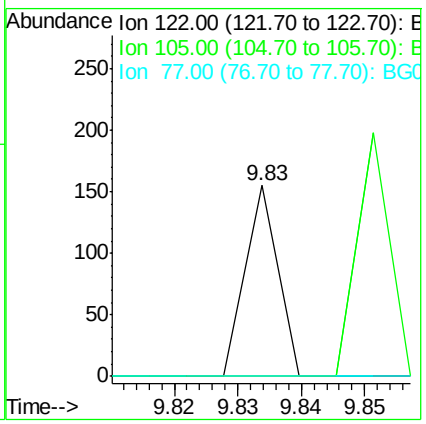


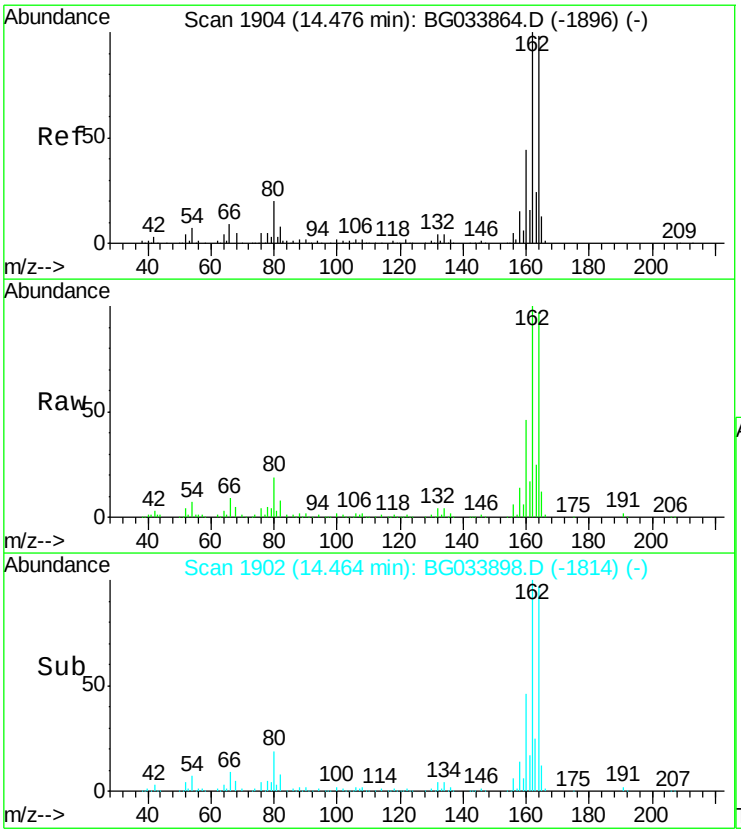
#32
Benzoic acid
Concen: 5.096 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.09 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:122 Resp: 55

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

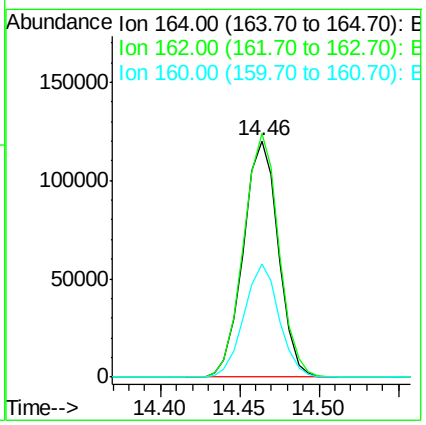


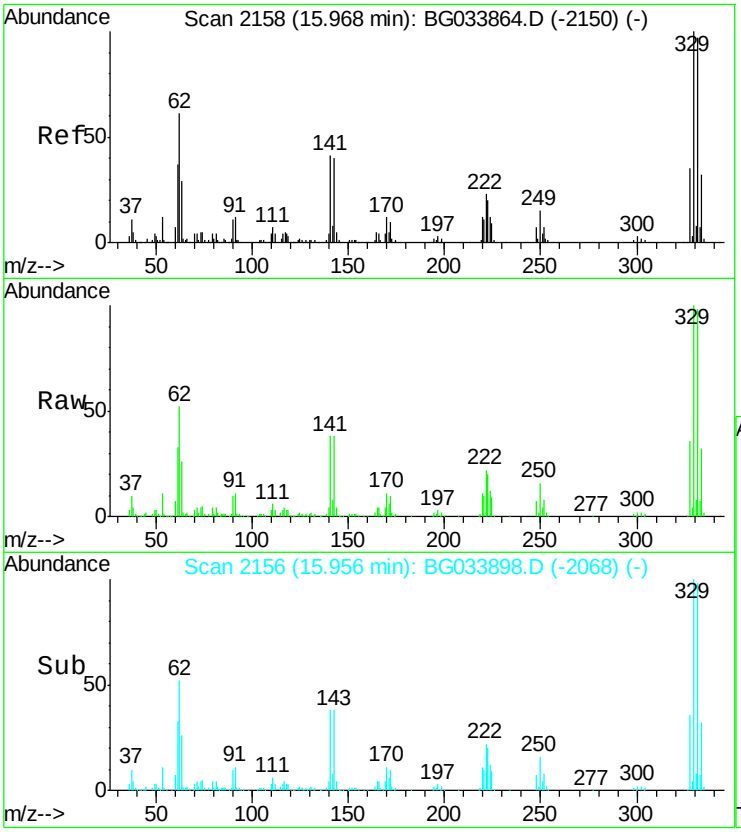


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:164 Resp: 184018

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	47.7	35.4	53.0



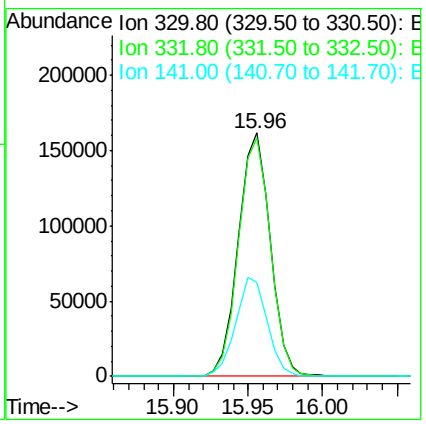


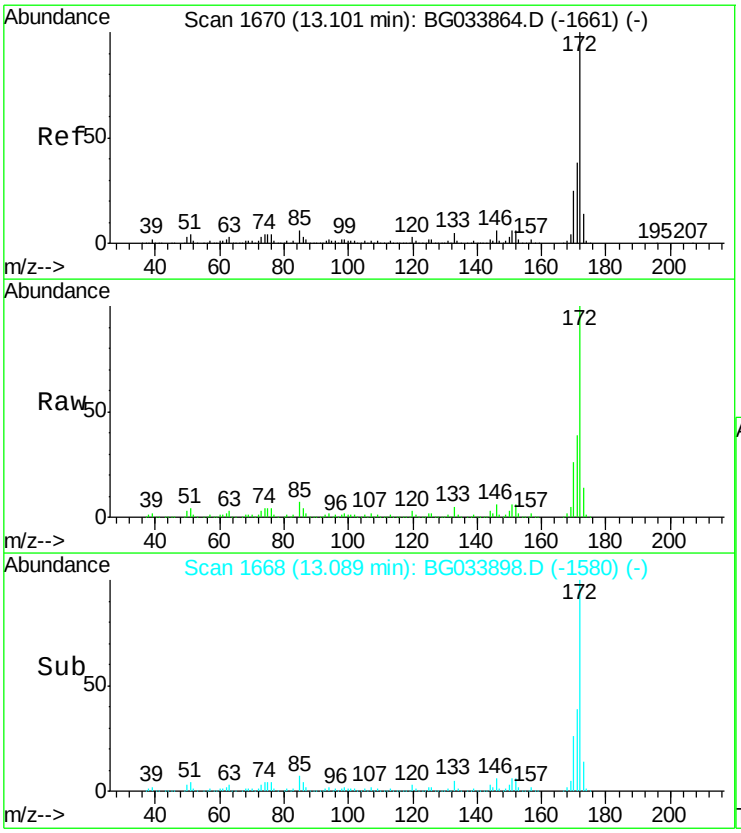
#41
2,4,6-Tribromophenol
Concen: 111.972 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:330 Resp: 240389

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.2	25.2	37.8#

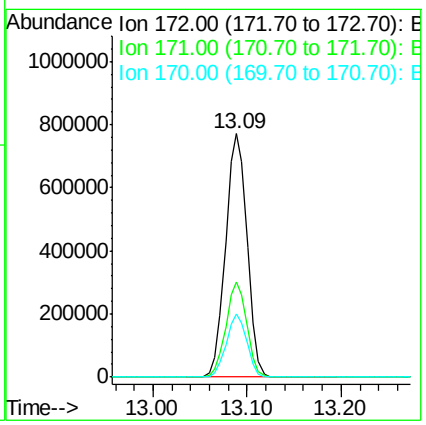


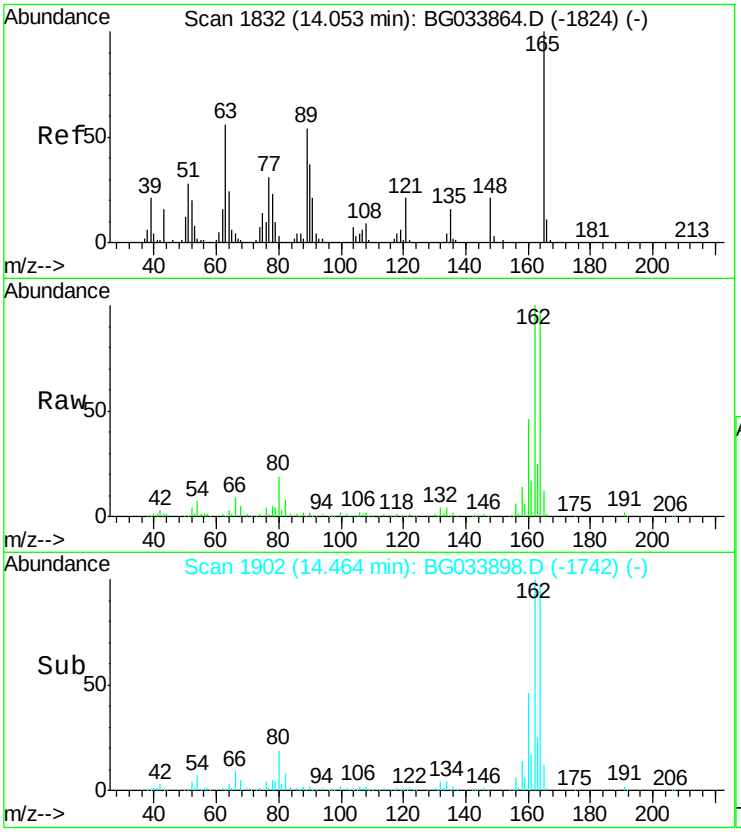


#44
2-Fluorobiphenyl
Concen: 98.279 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:172 Resp: 1231099

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.8	19.5	29.3



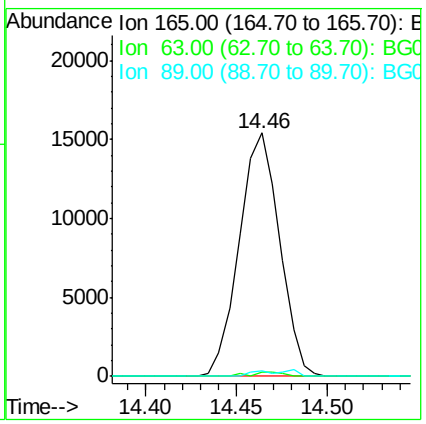


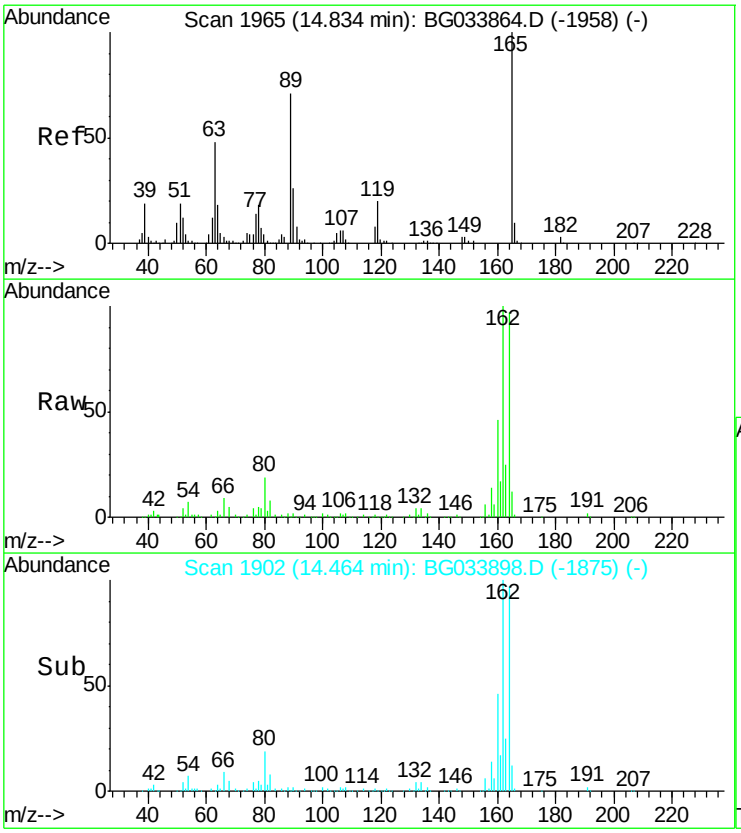
#50
2,6-Dinitrotoluene
Concen: 7.773 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:165 Resp: 23845

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.4	49.2	73.8#

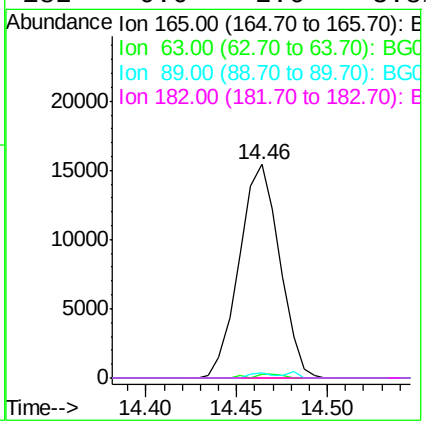


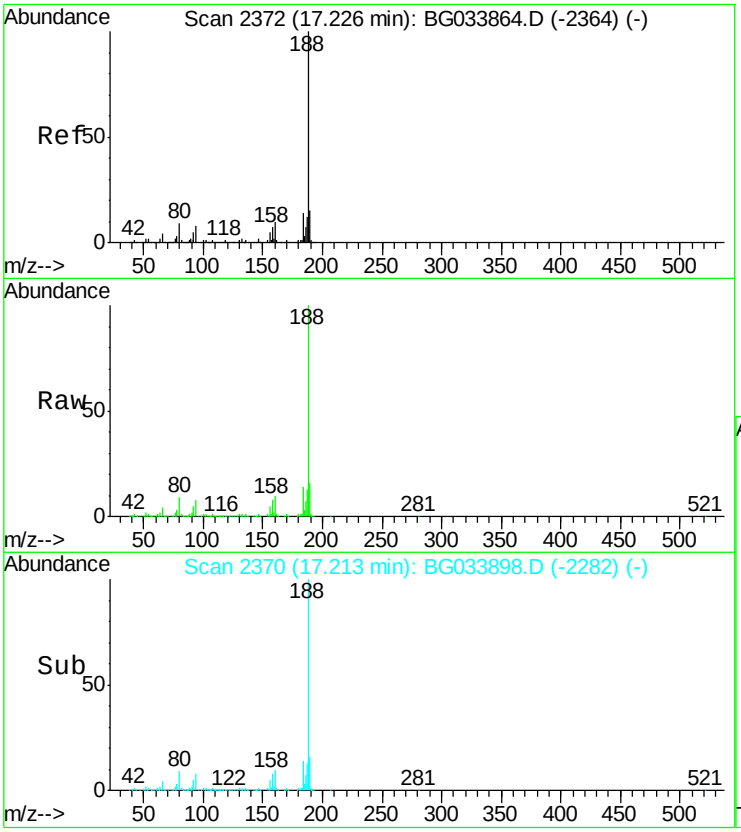


#56
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:165 Resp: 23845

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#



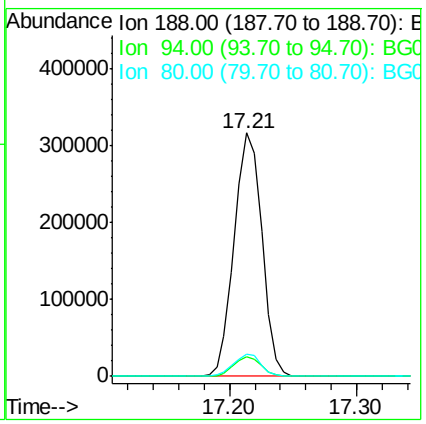


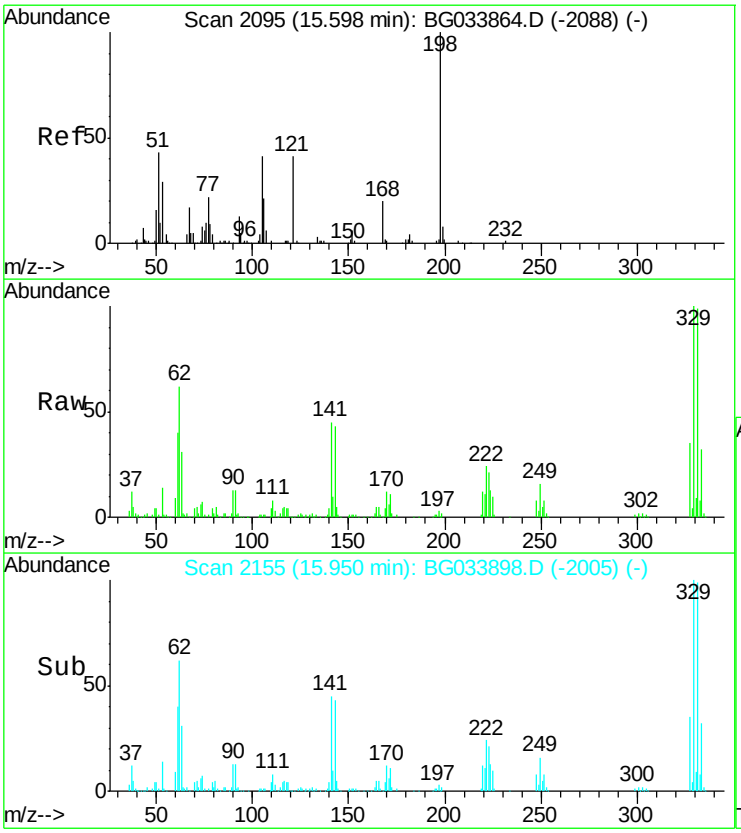
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:188 Resp: 480166

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	7.7	11.5

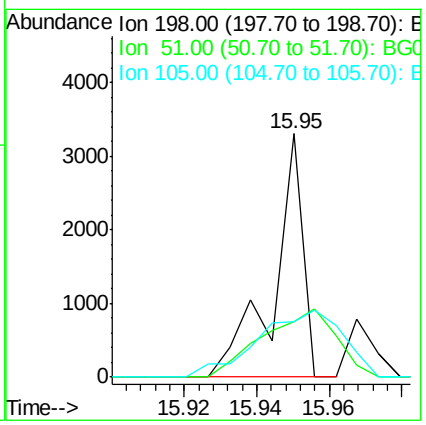


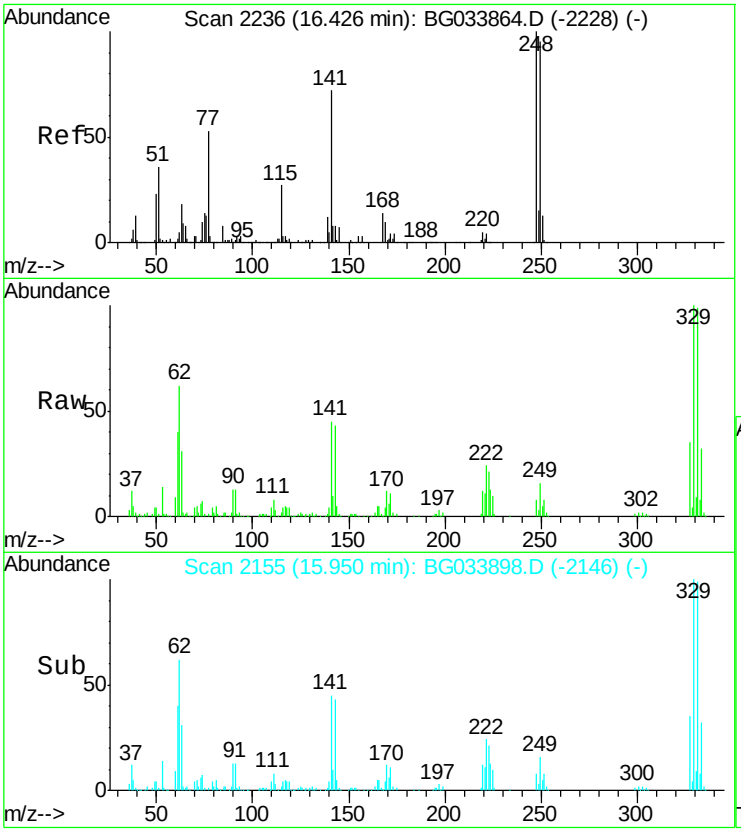


#64
4,6-Dinitro-2-methylphenol
Concen: 7.183 ng
RT: 15.95 min Scan# 2155
Delta R.T. 0.35 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:198 Resp: 1854

Ion	Ratio	Lower	Upper
198	100		
51	22.9	30.6	70.6#
105	23.0	23.8	63.8#



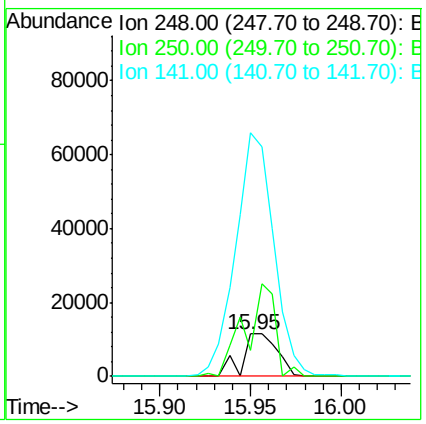


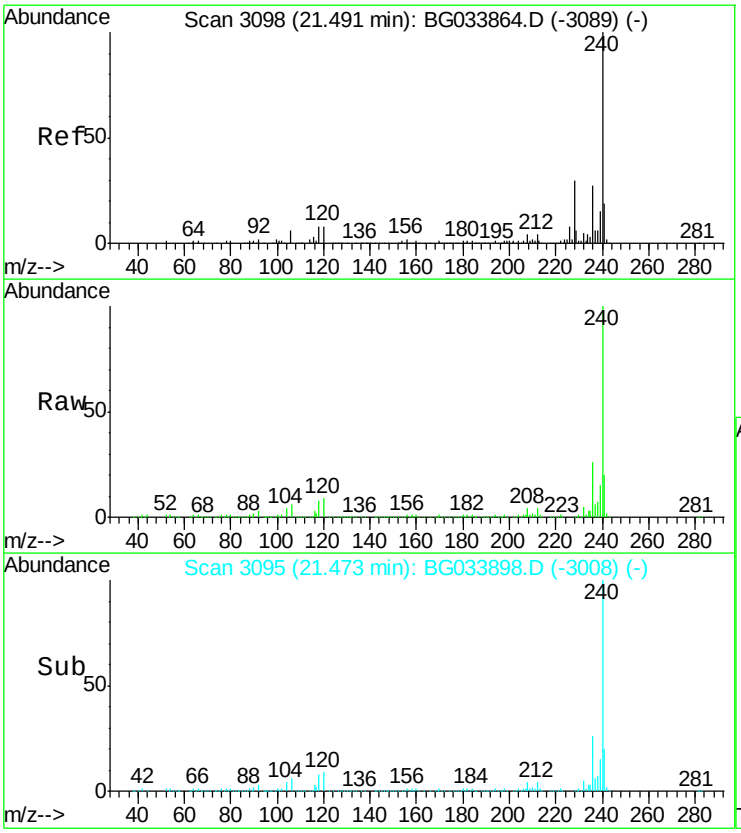
#66
4-Bromophenyl-phenylether
Concen: 2.911 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:248 Resp: 15351

Ion	Ratio	Lower	Upper
248	100		
250	45.9	77.1	115.7#
141	433.6	50.8	76.2#

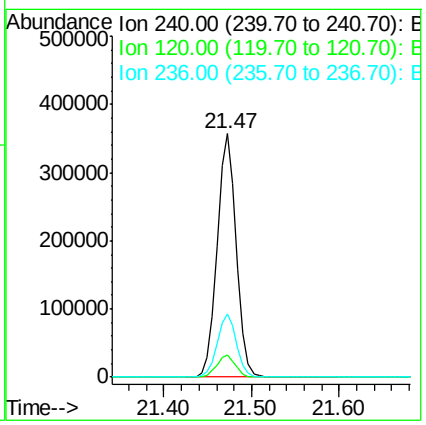


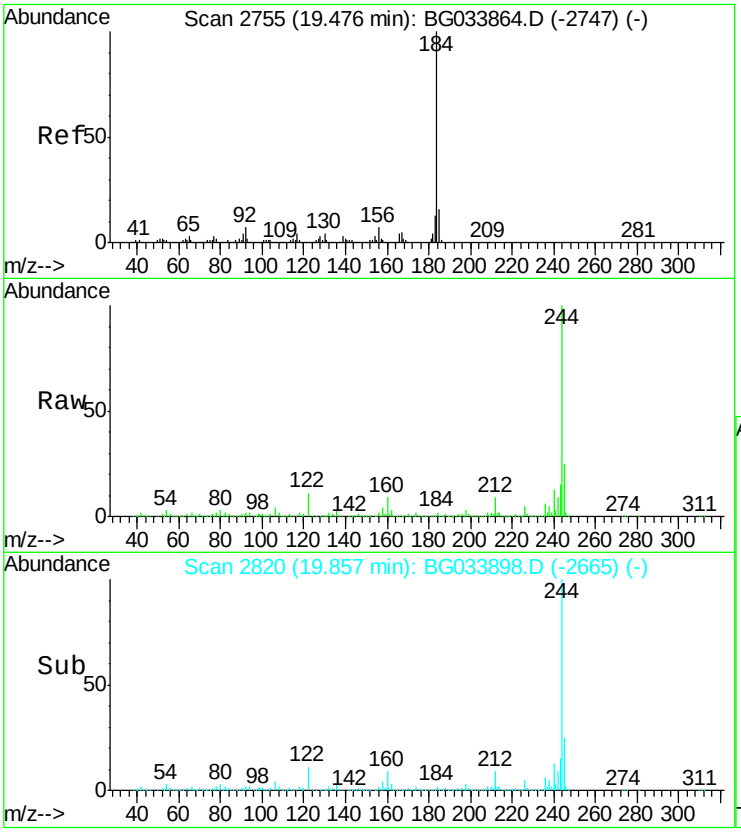


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:240 Resp: 537003

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.8	10.2
236	25.8	20.9	31.3



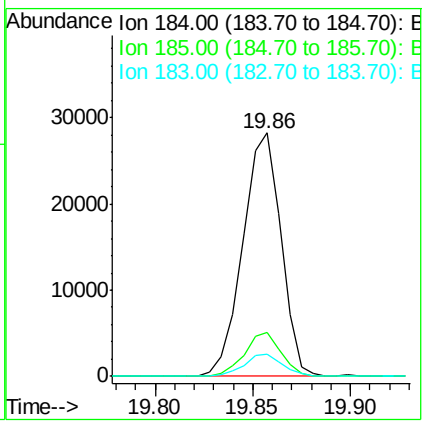


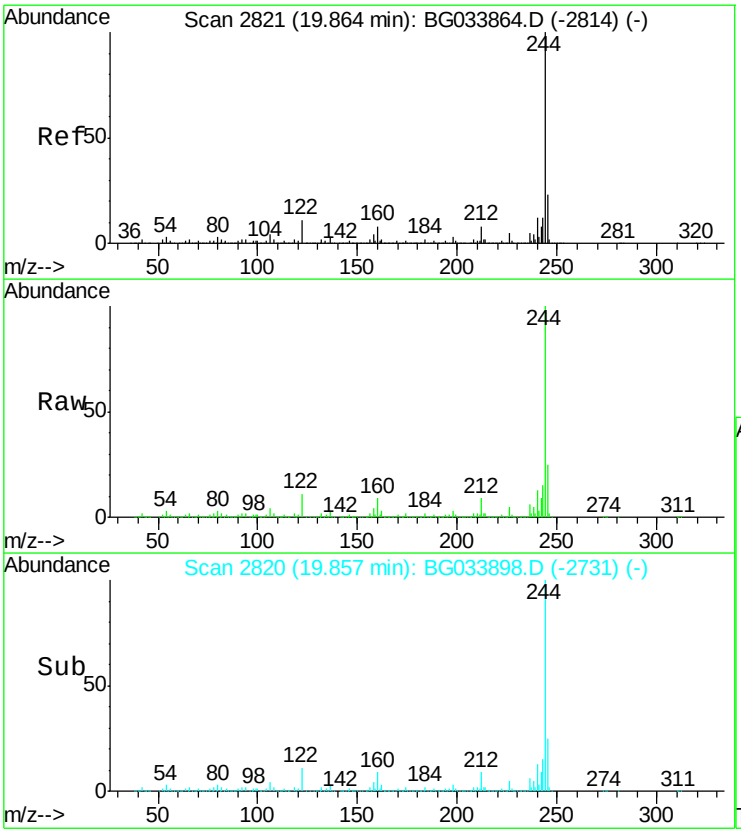
#76
Benzidine
Concen: 2.639 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:184 Resp: 38263

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	8.9	10.6	16.0#

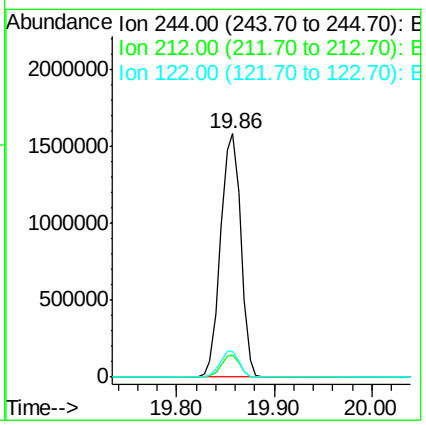


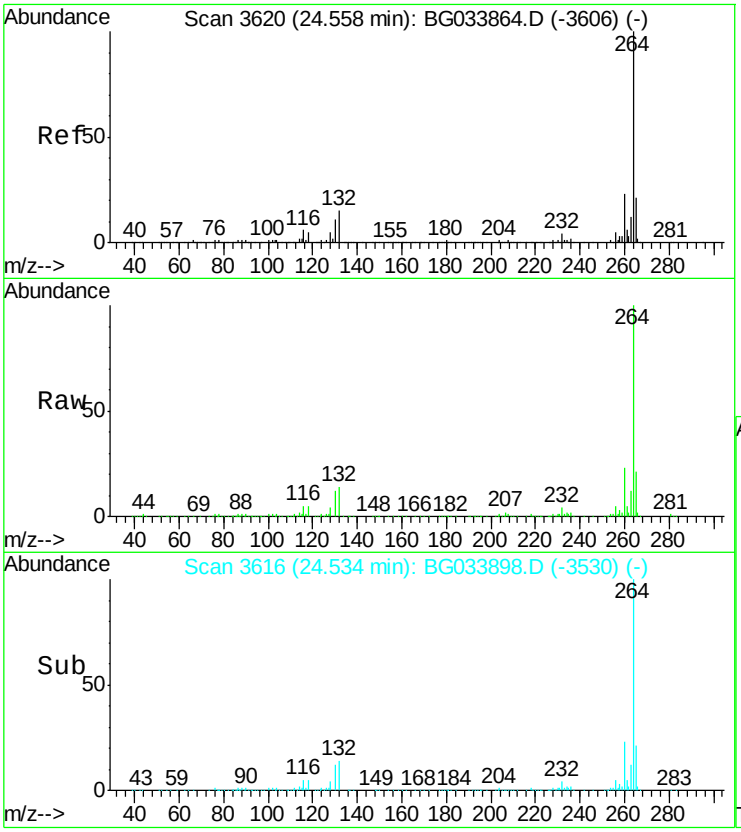


#78
Terphenyl-d14
Concen: 94.619 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Tgt Ion:244 Resp: 2261646

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	10.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3616
Delta R.T. -0.02 min
Lab File: BG033898.D
Acq: 21 Apr 2018 00:04

Instrument :
BNA_G
ClientSampleId :
041818-DBRI-F-D-B

Tgt Ion:264 Resp: 539236

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.3	17.7	26.5