Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033904.D
Acq On : 21 Apr 2018 3:50
Operator : SJ/JU
Sample : J2473-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 041818-SIDI-F-D-S

Quant Time: Apr 21 05:19:41 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	58599	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	243692	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	154353	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	413454	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	511412	20.00	ng	-0.02
86) Perylene-d12	24.54	264	507590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	179141	48.81	ng	0.00
7) Phenol-d6	6.99	99	150524	28.12	ng	0.00
23) Nitrobenzene-d5	8.98	82	452330	105.63	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	207571	115.27	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1085260	103.29	ng	-0.01
78) Terphenyl-d14	19.86	244	2158365	94.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	277	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	63693	13.957	ng	# 82
32) Benzoic acid	9.91	122	55	5.098	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	19793	7.692	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	19793	5.785	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.88	198	57	6.514	ng	# 29
66) 4-Bromophenyl-phenylether	15.95	248	12526	2.759	ng	# 1
76) Benzidine	19.86	184	35797	2.592	ng	# 87

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

Quantitation Report (Not Reviewed)

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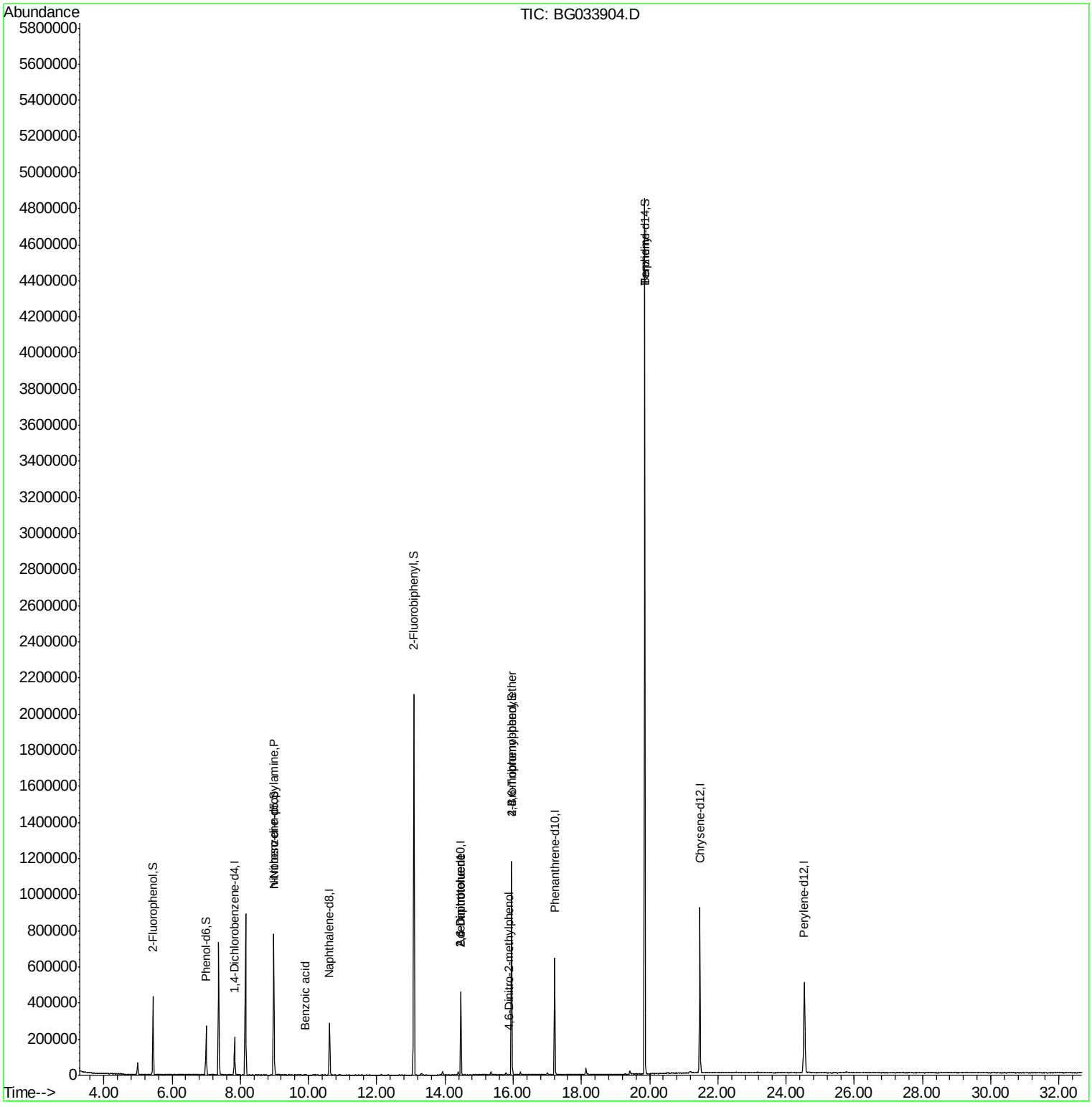
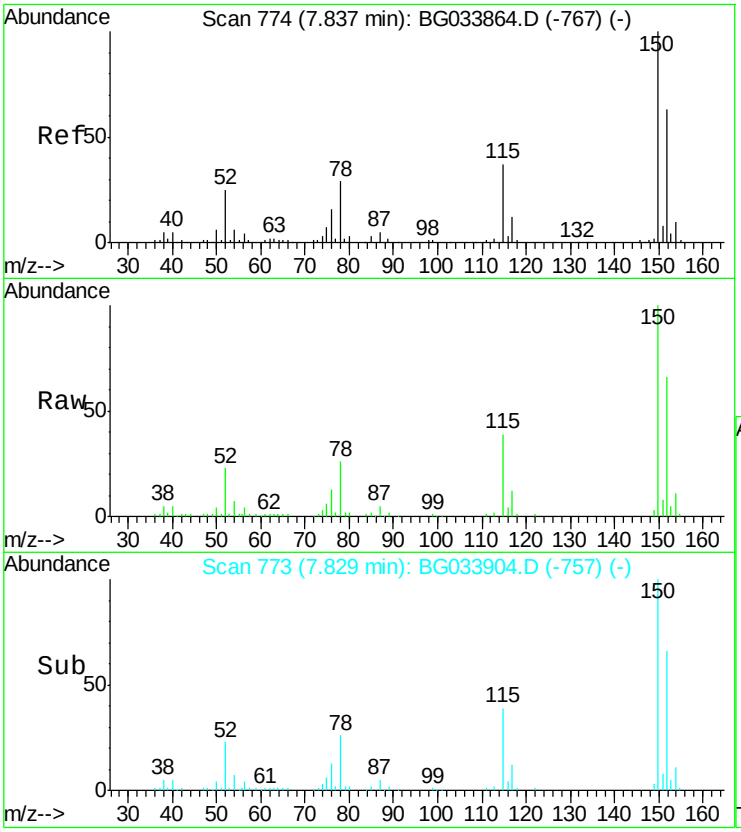


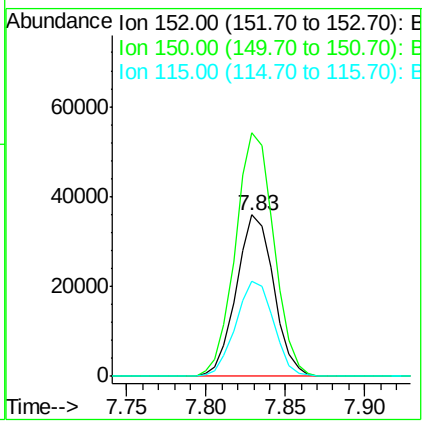


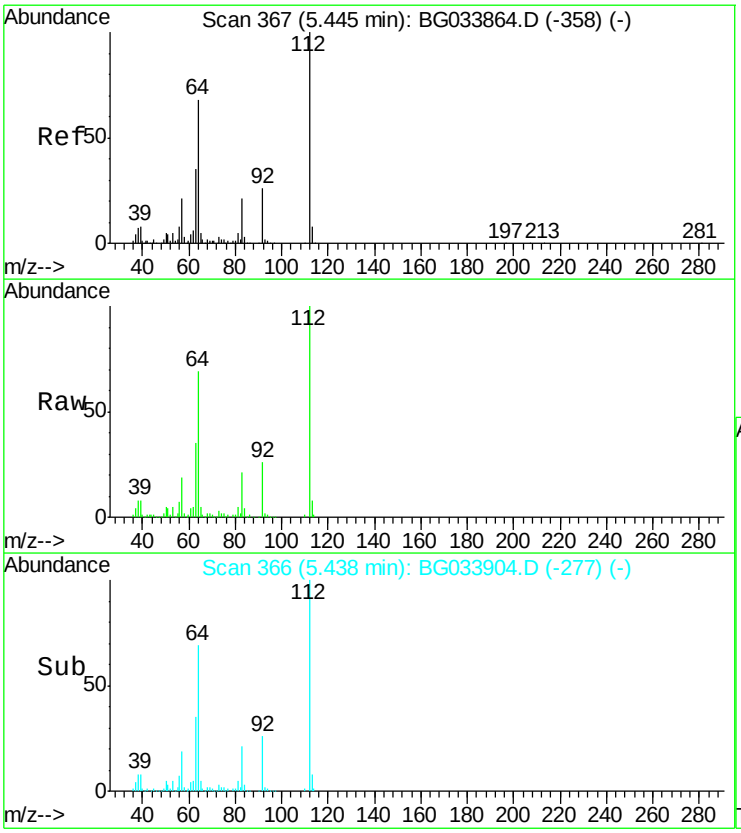
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:152 Resp: 58599

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	59.0	53.0	79.4

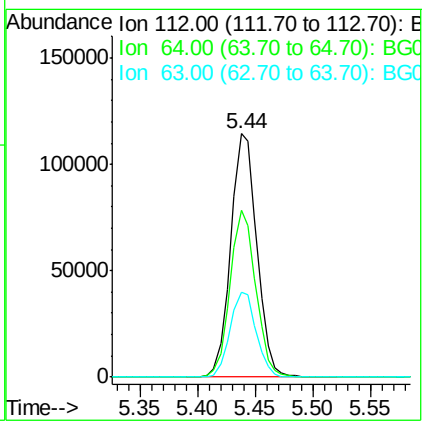


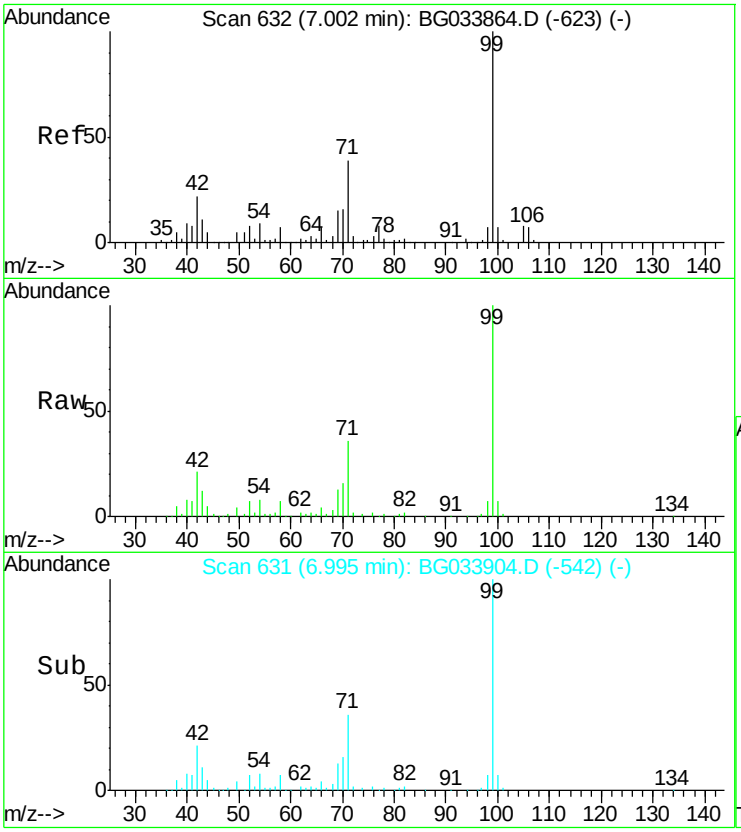


#5
2-Fluorophenol
Concen: 48.807 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:112 Resp: 179141

Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.3	84.5
63	35.0	30.1	45.1



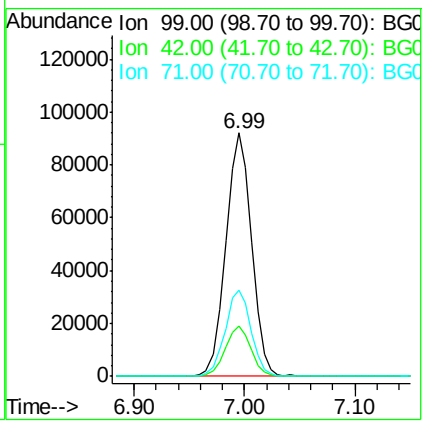


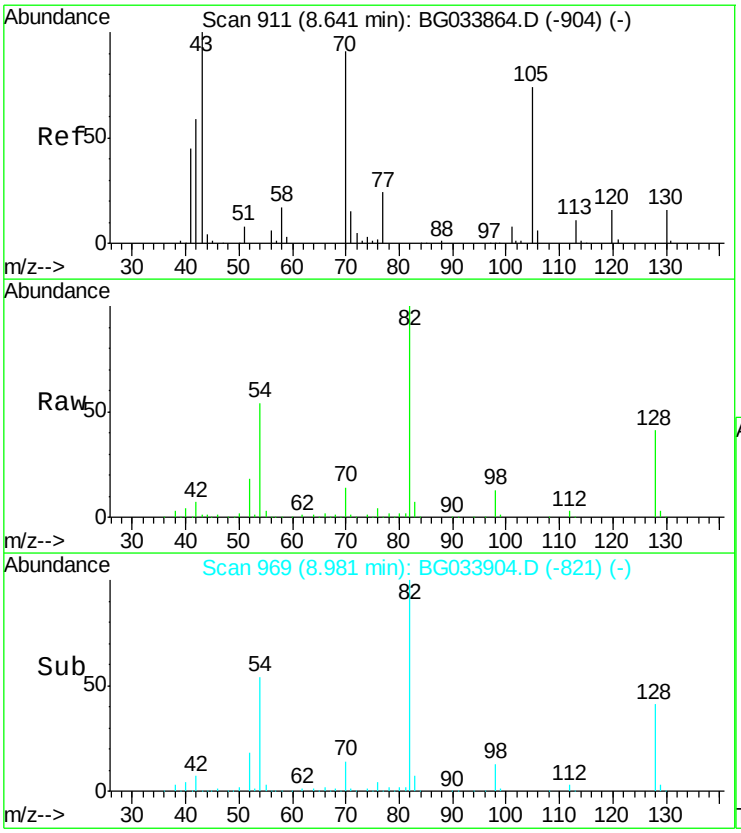
#7
Phenol-d6
Concen: 28.117 ng
RT: 6.99 min Scan# 631
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion: 99 Resp: 150524

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	35.6	26.1	39.1

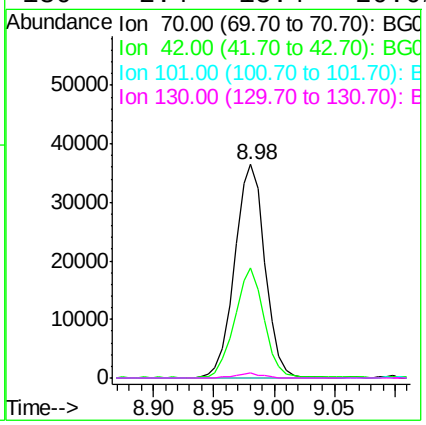


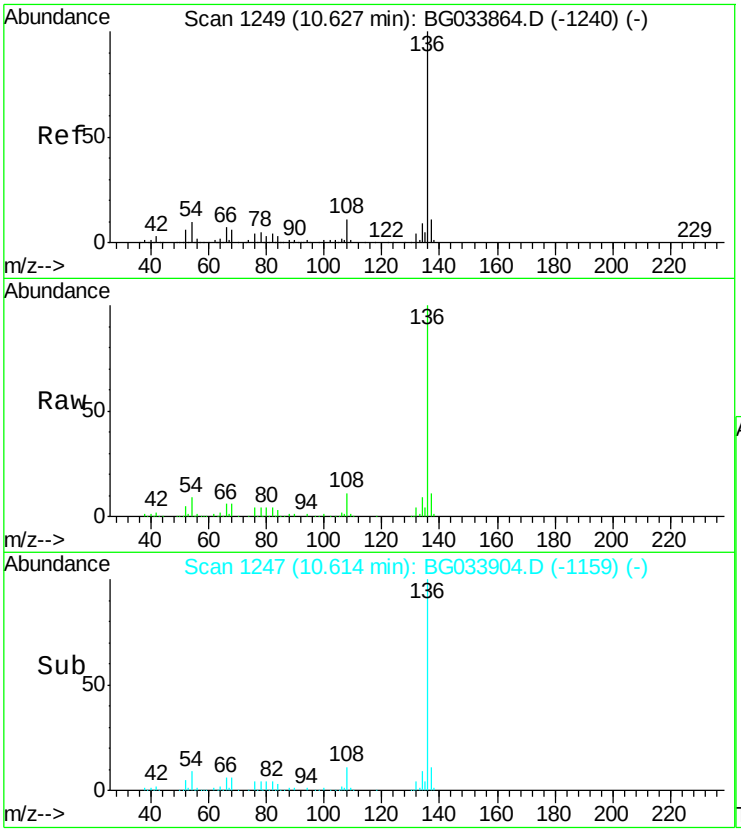


#19
n-Nitroso-di-n-propylamine
Concen: 13.957 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion: 70 Resp: 63693

Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



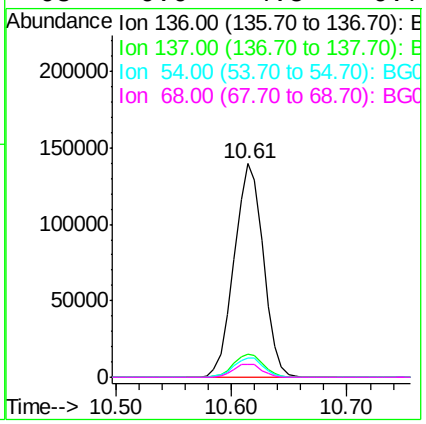


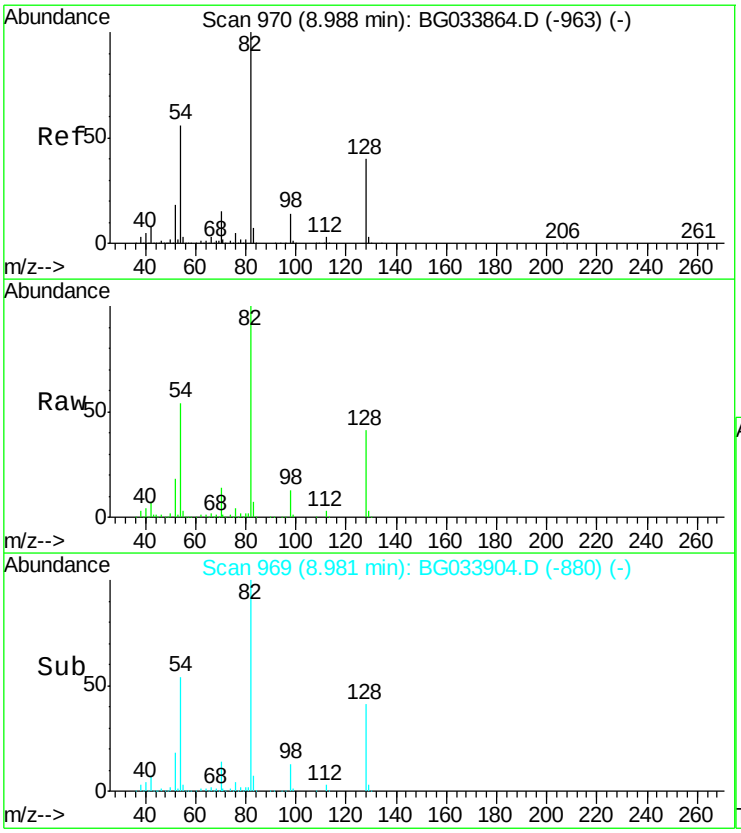
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:136 Resp: 243692

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.0	10.3	15.5#
68	6.0	4.5	6.7

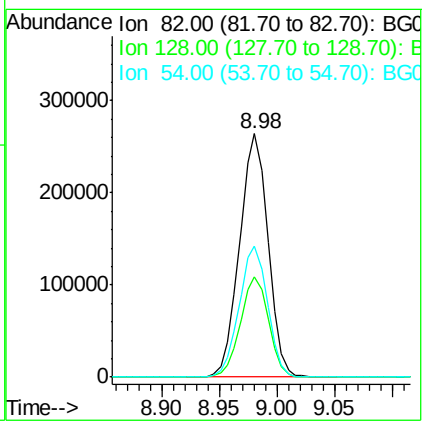


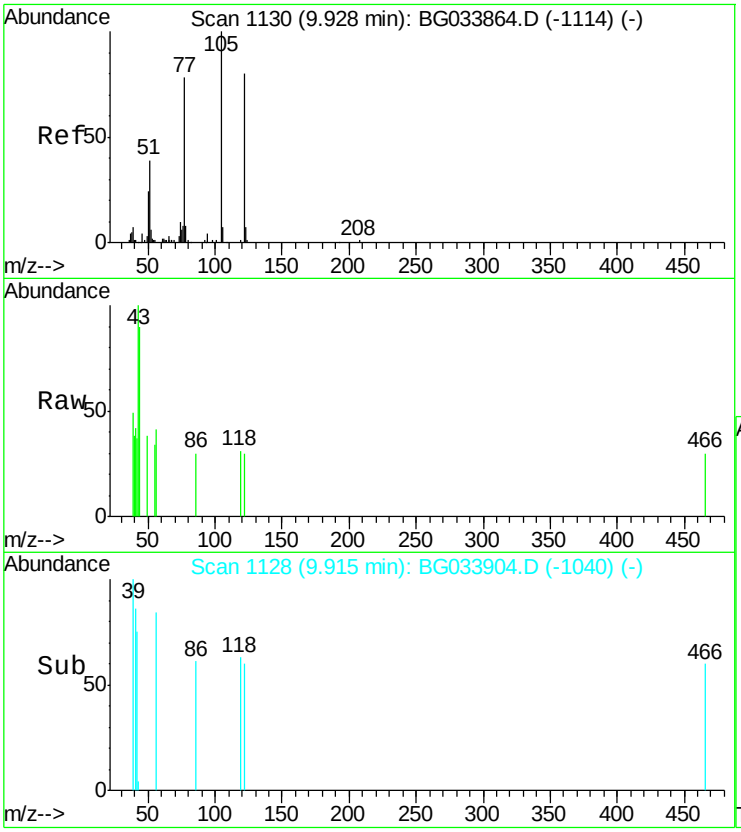


#23
Nitrobenzene-d5
Concen: 105.633 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion: 82 Resp: 452330

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	53.6	43.1	64.7



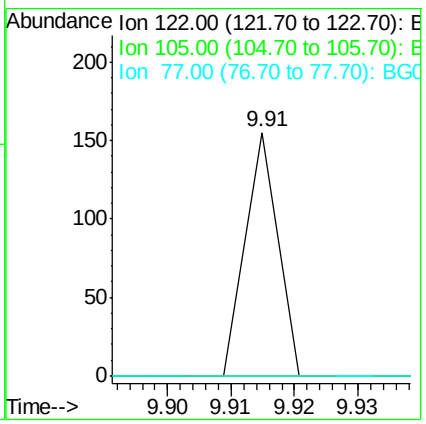


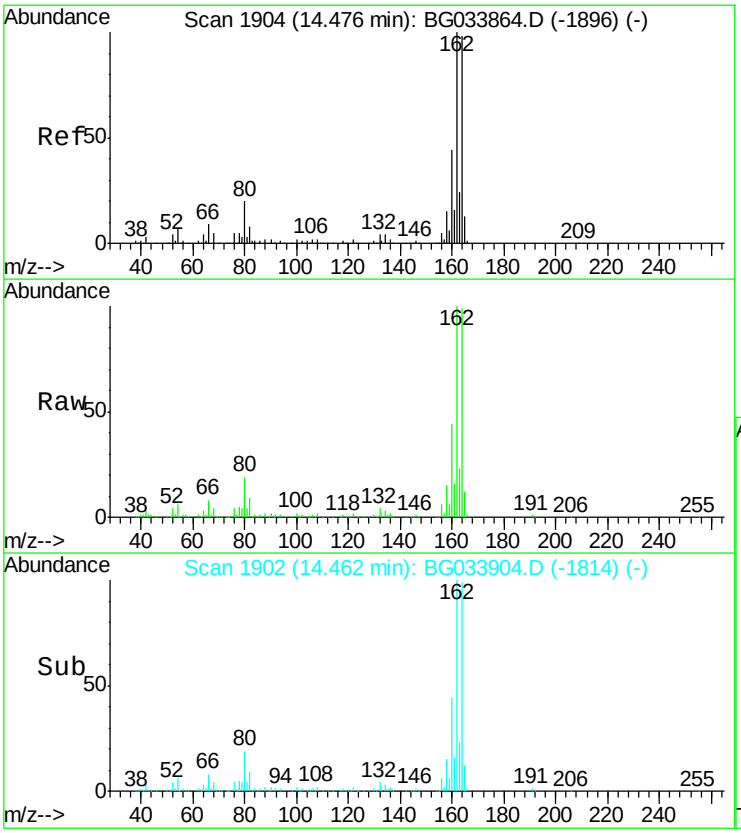
#32
Benzoic acid
Concen: 5.098 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

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#

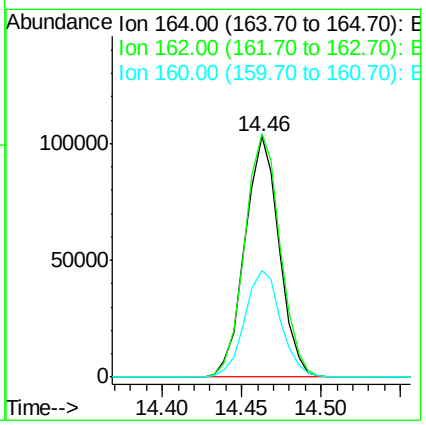


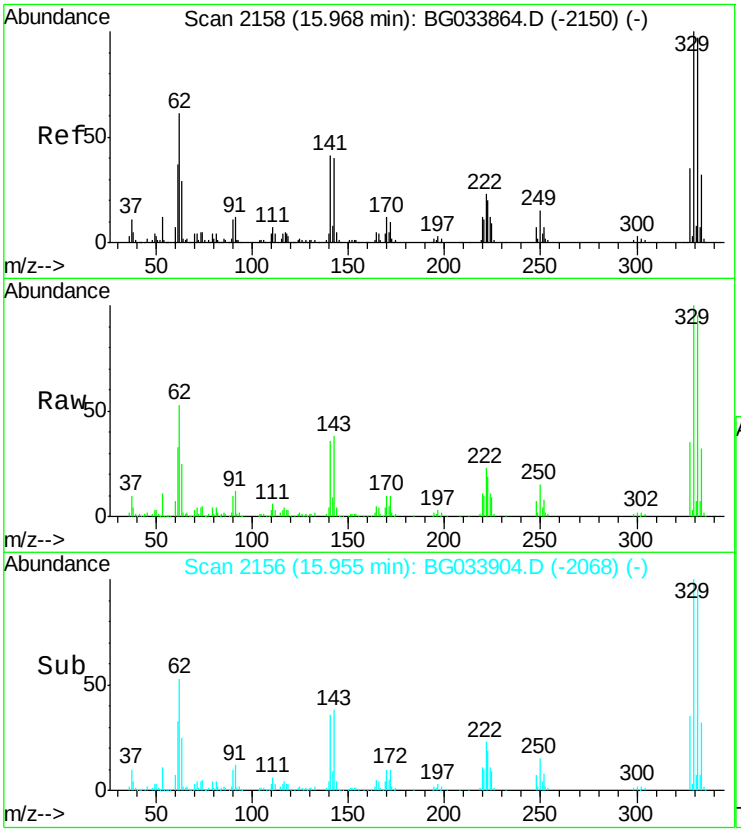


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:164 Resp: 154353

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.5	35.4	53.0



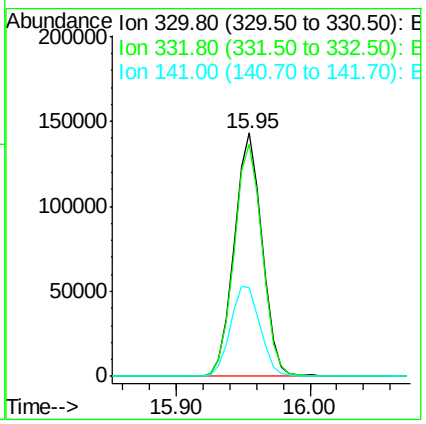


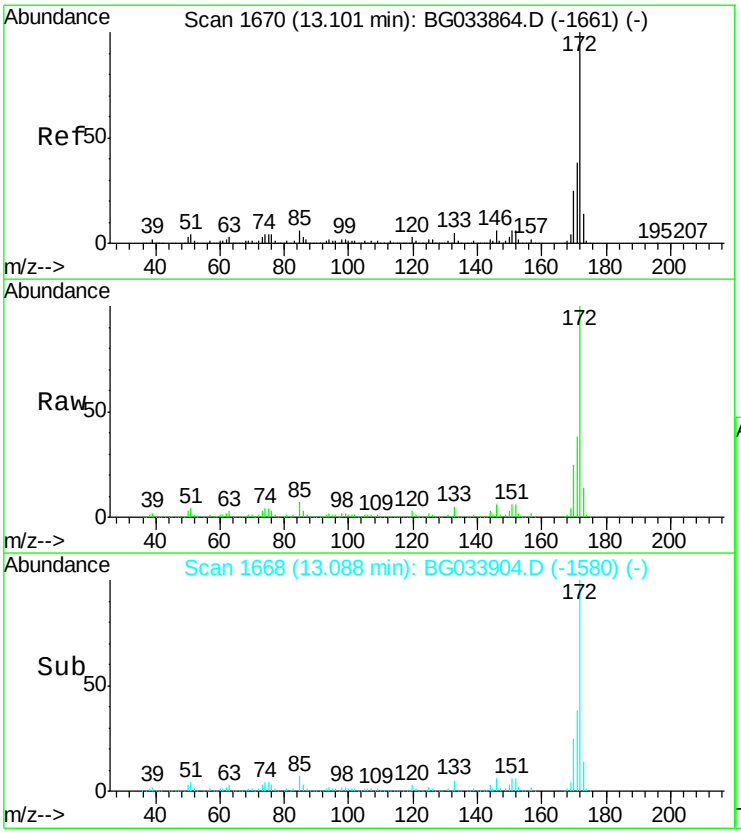
#41
2,4,6-Tribromophenol
Concen: 115.268 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:330 Resp: 207571

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.5	25.2	37.8#

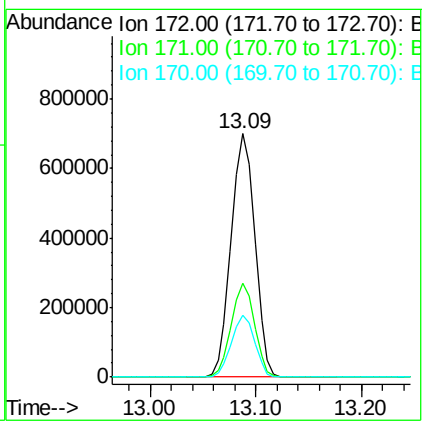


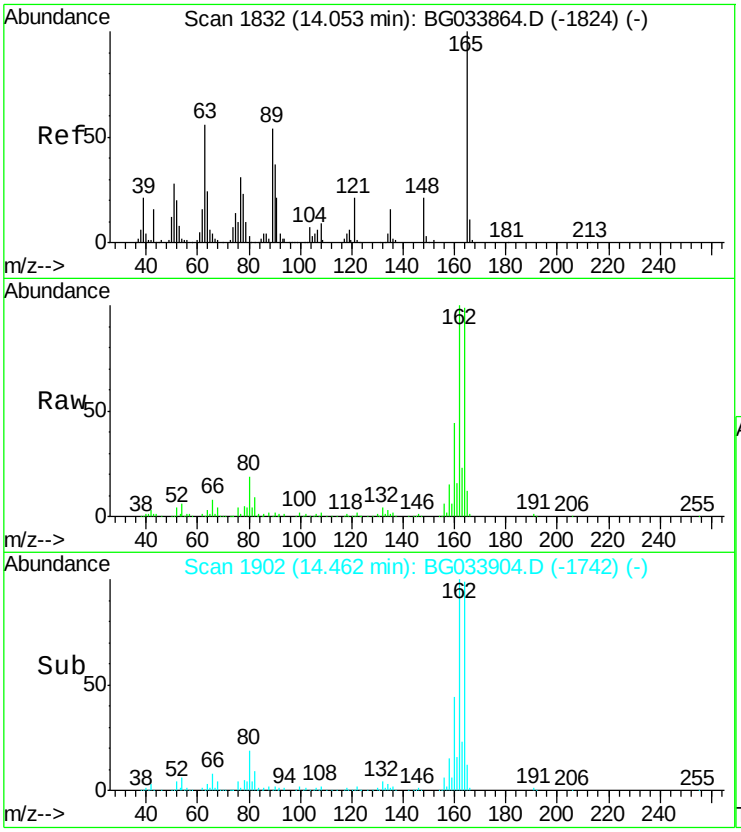


#44
2-Fluorobiphenyl
Concen: 103.287 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:172 Resp: 1085260

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.2	19.5	29.3



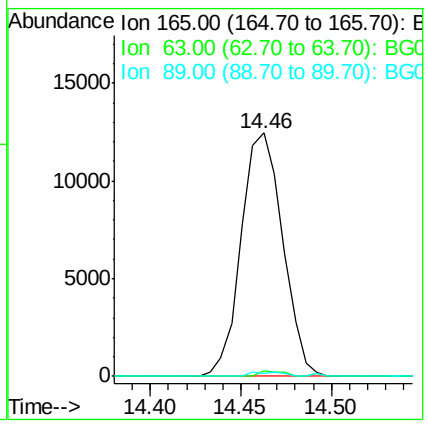


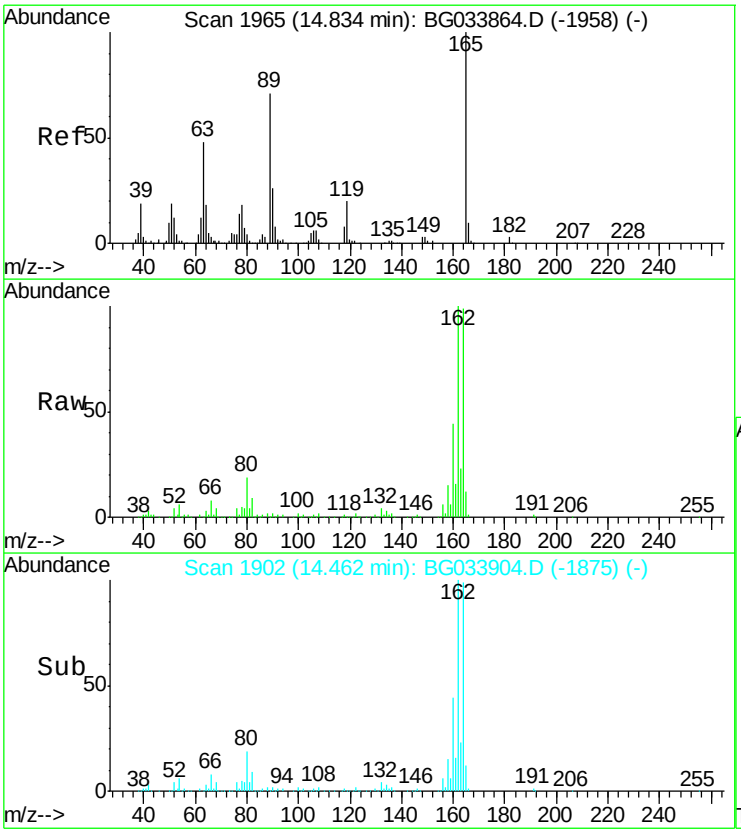
#50
2,6-Dinitrotoluene
Concen: 7.692 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:165 Resp: 19793

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	1.4	49.2	73.8#

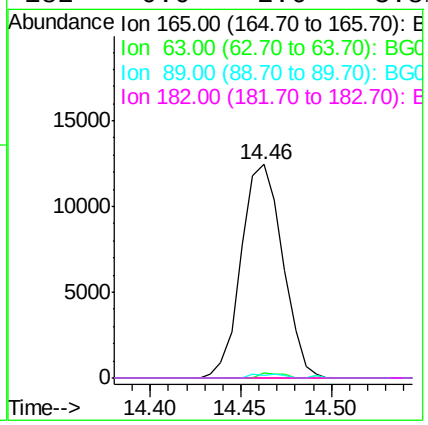


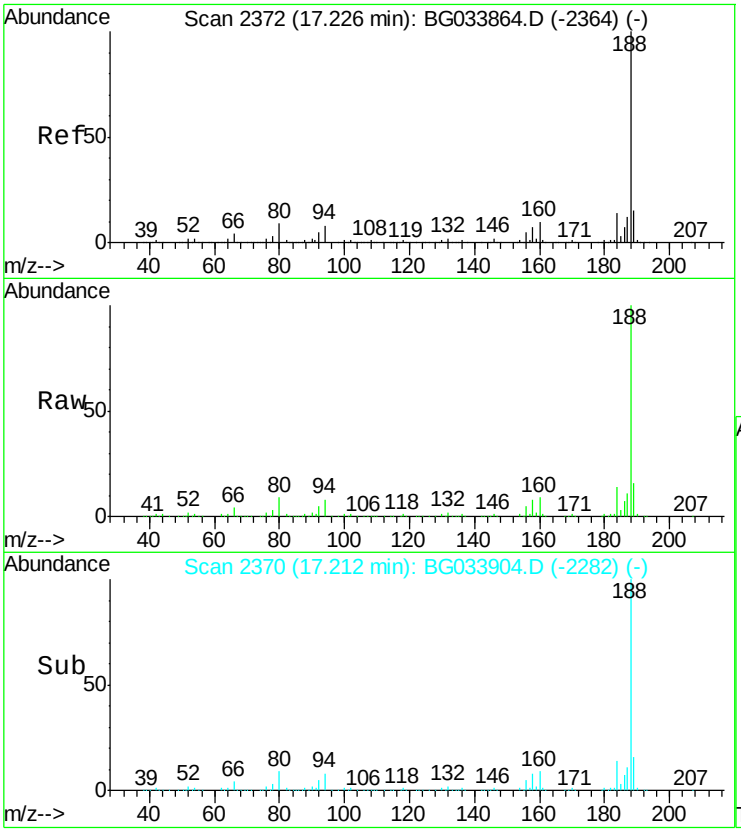


#56
2,4-Dinitrotoluene
Concen: 5.785 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:165 Resp: 19793

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



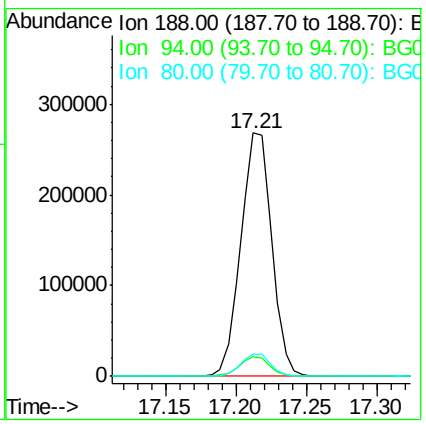


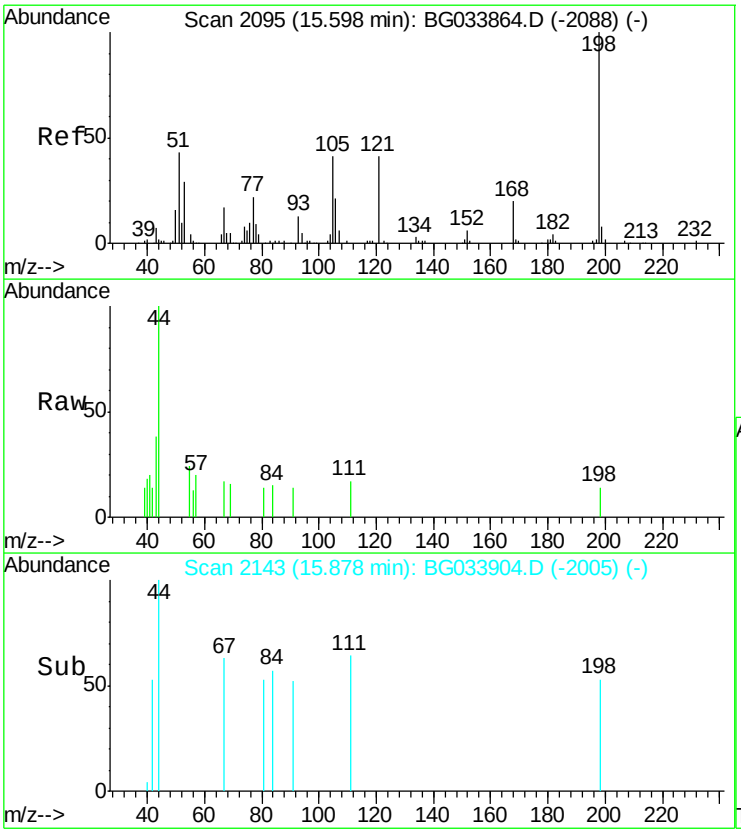
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:188 Resp: 413454

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.2	7.7	11.5

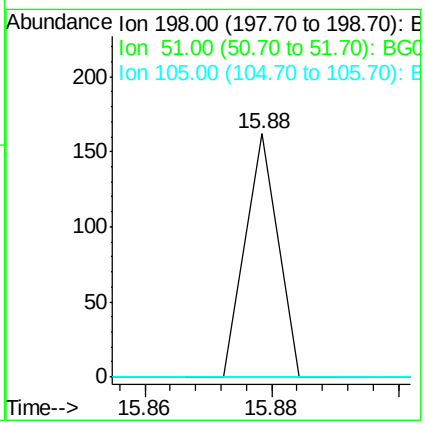


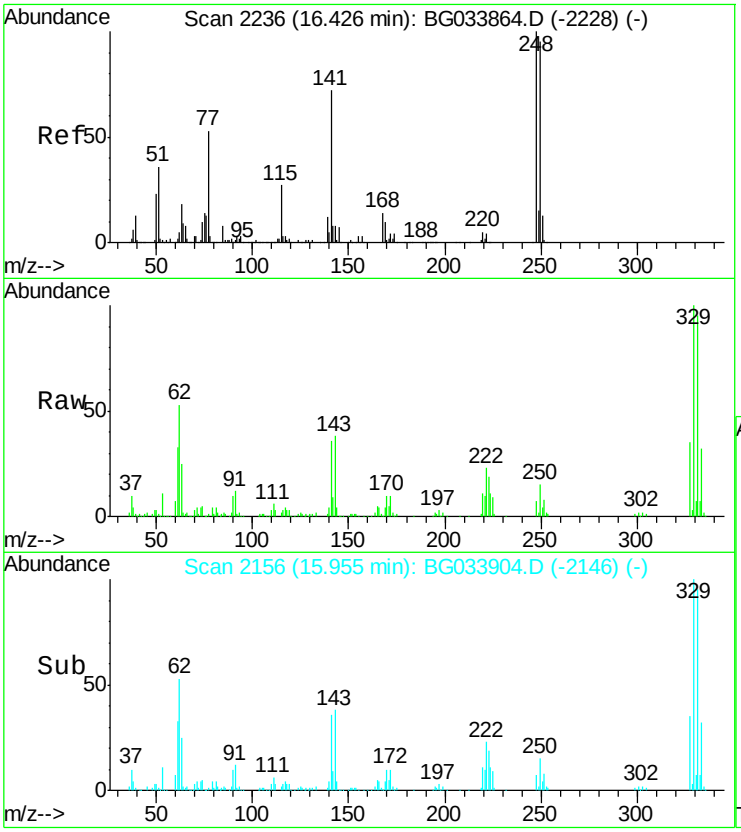


#64
4,6-Dinitro-2-methylphenol
Concen: 6.514 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.28 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



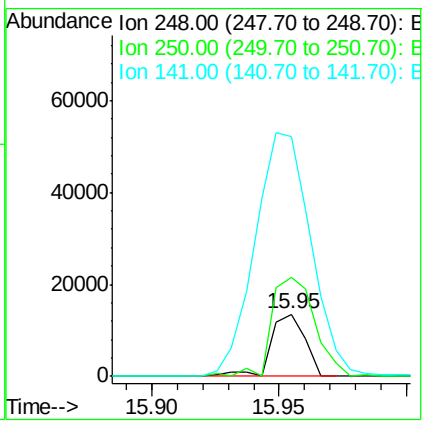


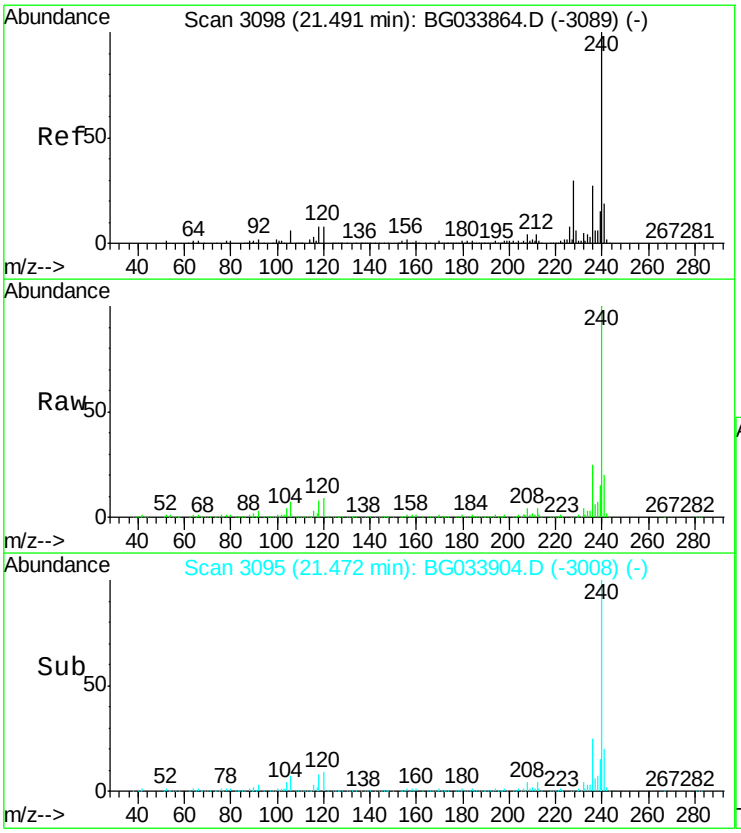
#66
4-Bromophenyl-phenylether
Concen: 2.759 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:248 Resp: 12526

Ion	Ratio	Lower	Upper
248	100		
250	203.0	77.1	115.7#
141	387.4	50.8	76.2#

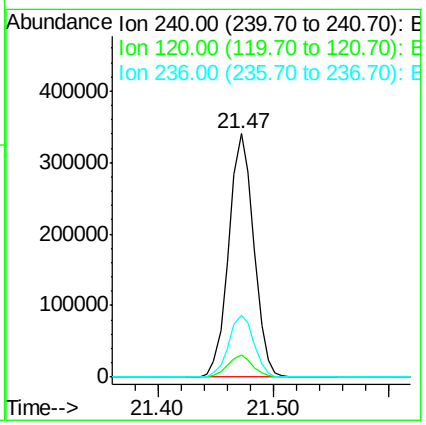


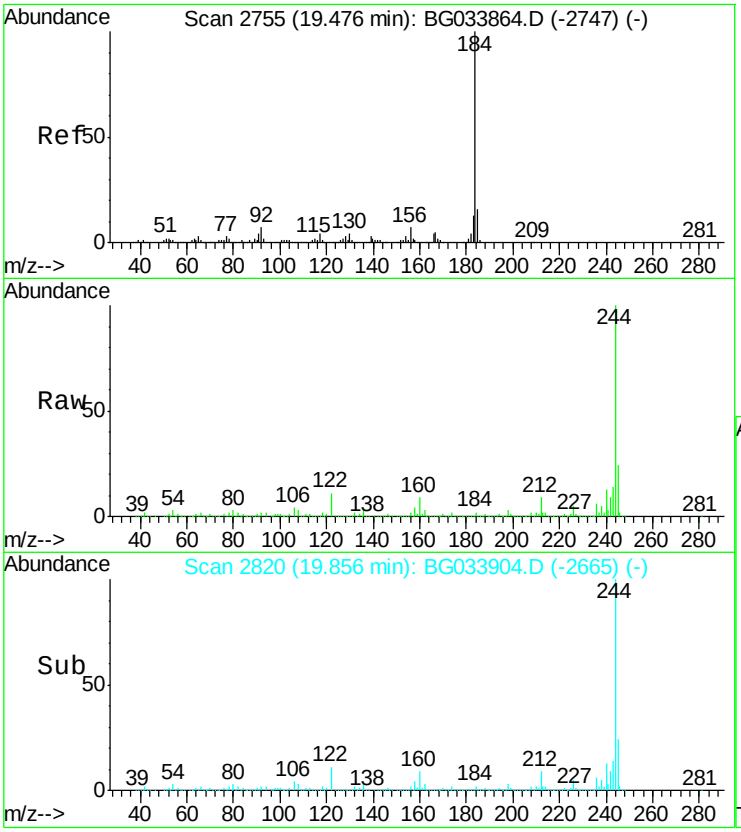


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:240 Resp: 511412

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	25.2	20.9	31.3



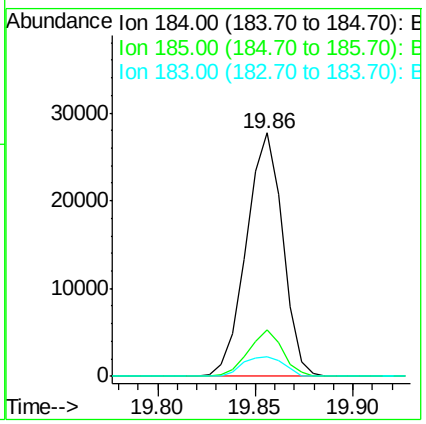


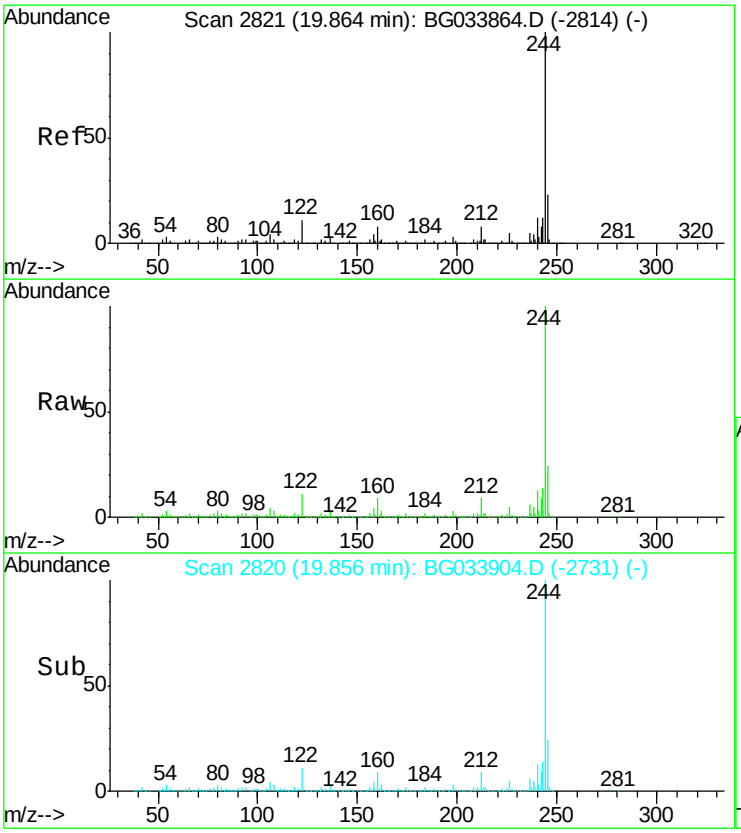
#76
Benzidine
Concen: 2.592 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:184 Resp: 35797

Ion	Ratio	Lower	Upper
184	100		
185	18.8	11.1	16.7#
183	8.0	10.6	16.0#

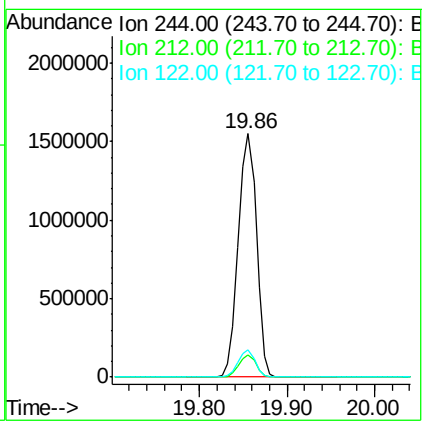


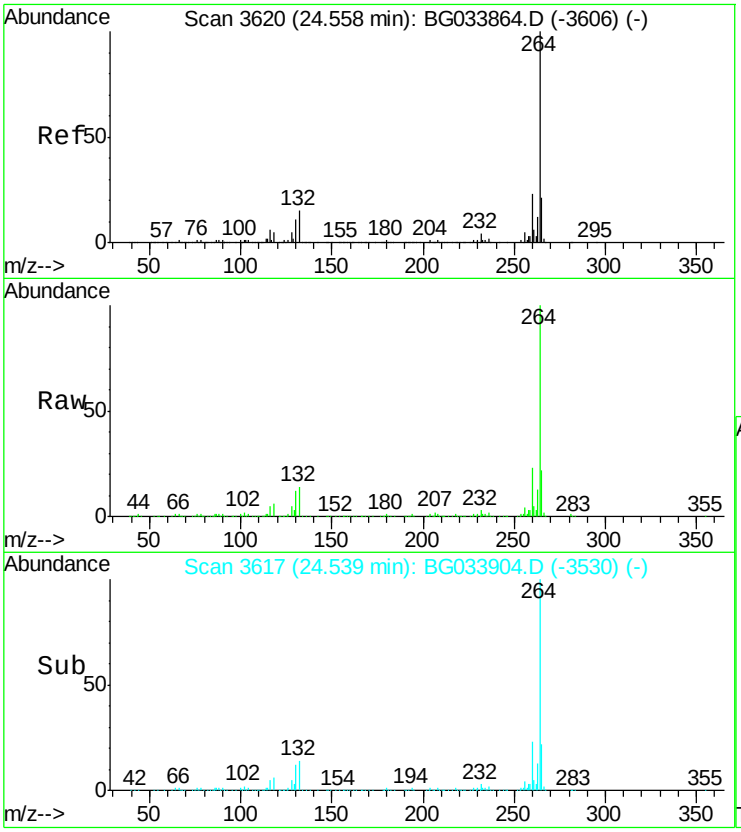


#78
Terphenyl-d14
Concen: 94.816 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:244 Resp: 2158365

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	11.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tgt Ion:264 Resp: 507590

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.7	17.7	26.5