Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034048.D
Acq On : 27 Apr 2018 20:47
Operator : SJ/JU
Sample : J2455-45
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:33:50 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	7.76	152	32464	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	192847	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	150643	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	435929	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	489338	20.00	ng	-0.10
86) Perylene-d12	24.39	264	478950	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	354871	174.52	ng	-0.08
7) Phenol-d6	6.94	99	396607	133.72	ng	-0.06
23) Nitrobenzene-d5	8.91	82	291604	86.05	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	320494	182.36	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1053731	102.76	ng	-0.09
78) Terphenyl-d14	19.78	244	2355086	108.13	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.94	77	196	Below Cal	#	5
15) Benzyl Alcohol	8.07	79	6171	2.386	ng	# 38
19) n-Nitroso-di-n-propylamine	8.91	70	33725	13.340	ng	# 81
50) 2,6-Dinitrotoluene	14.39	165	18339	7.303	ng	# 18
56) 2,4-Dinitrotoluene	14.39	165	18339	5.492	ng	# 16
64) 4,6-Dinitro-2-methylphenol	15.89	198	1757	7.213	ng	75
76) Benzidine	19.78	184	32781	2.481	ng	# 91

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

Quantitation Report (Not Reviewed)

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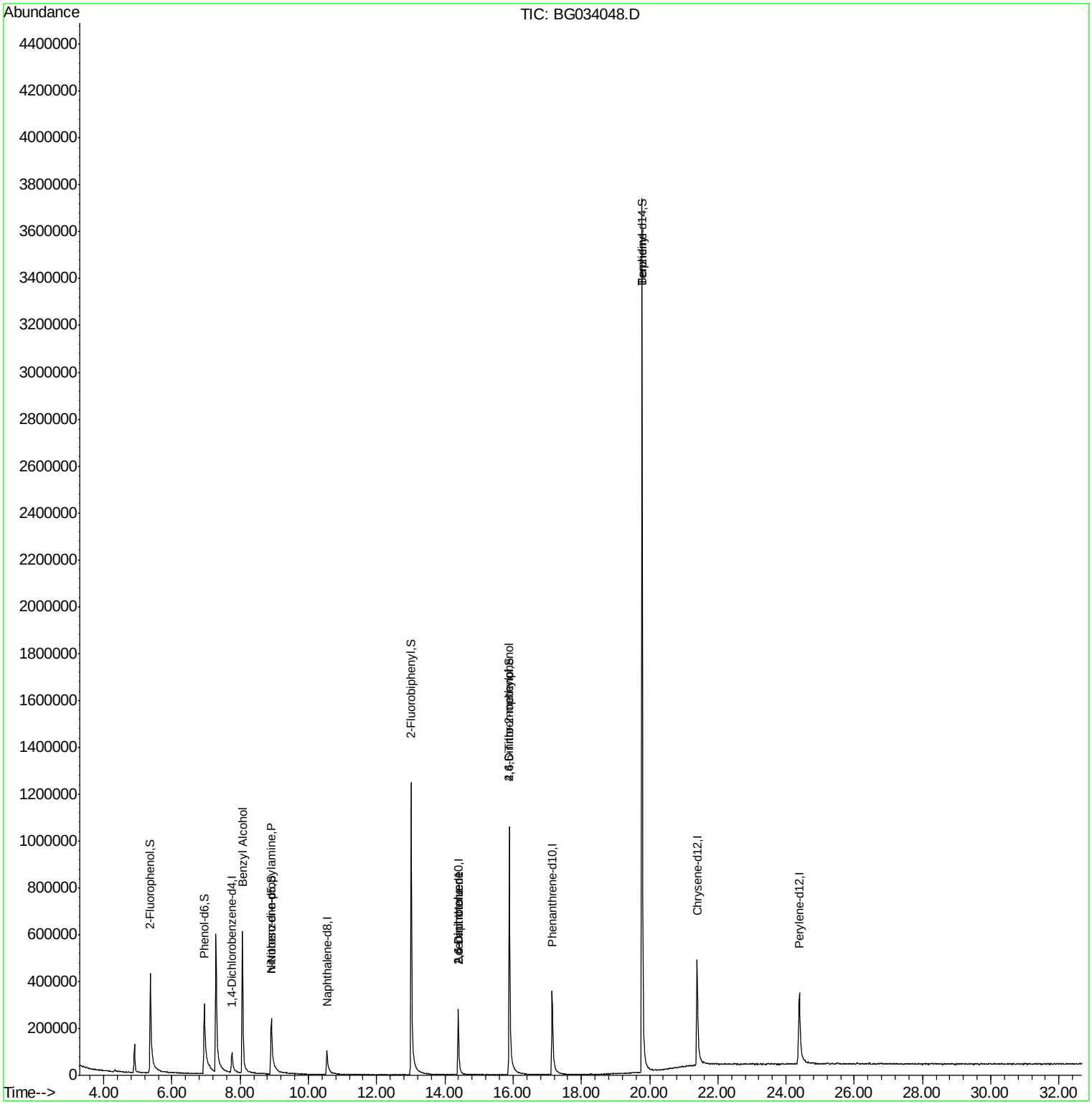
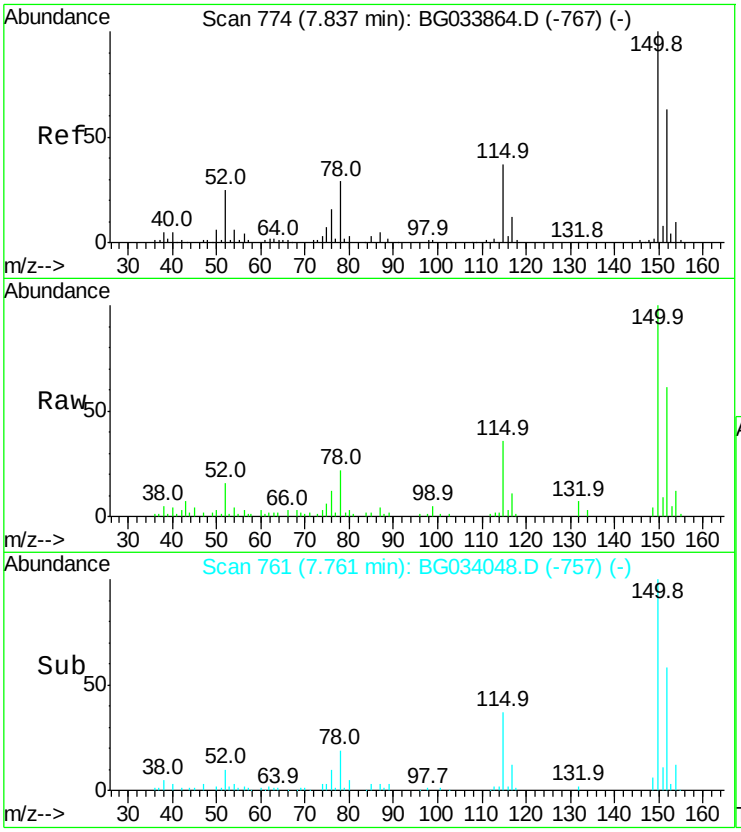


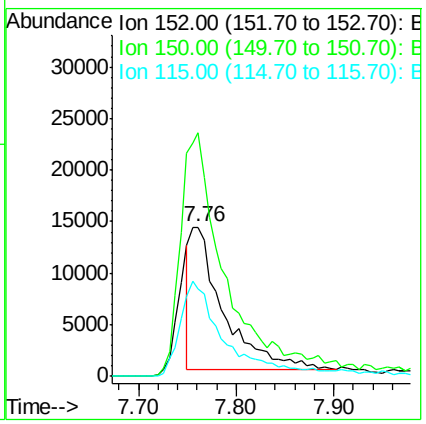


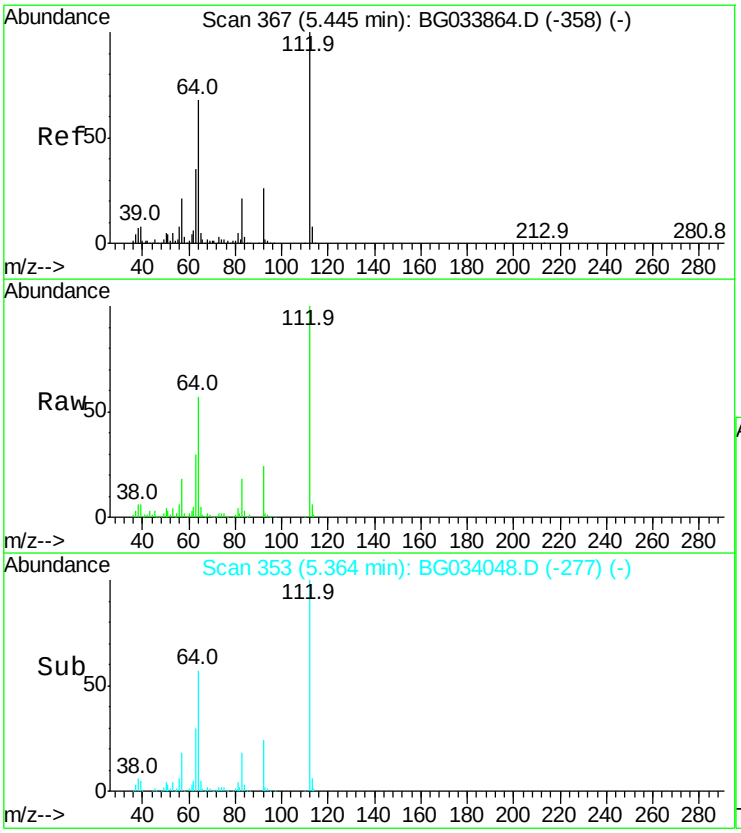
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32464

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.6	189.8
115	59.0	53.0	79.4

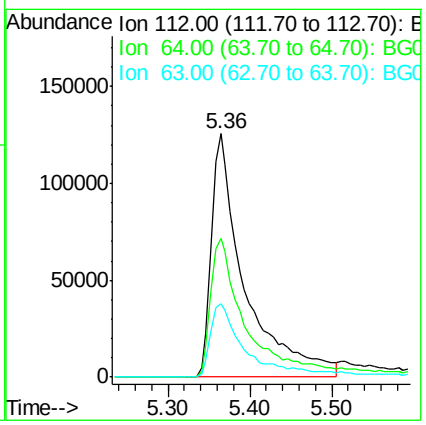


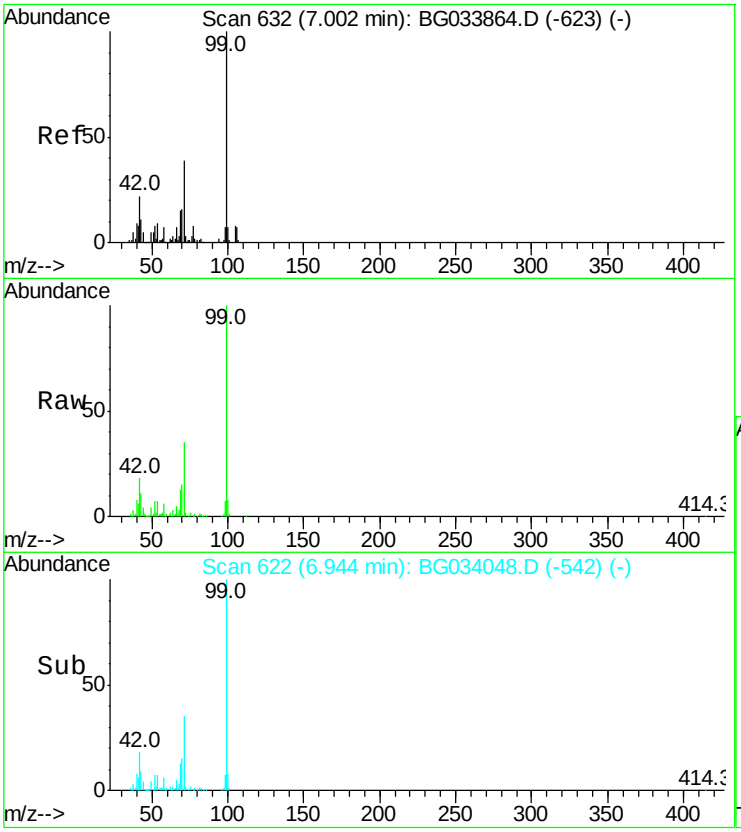


#5
2-Fluorophenol
Concen: 174.520 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:112 Resp: 354871

Ion	Ratio	Lower	Upper
112	100		
64	57.2	56.3	84.5
63	30.3	30.1	45.1



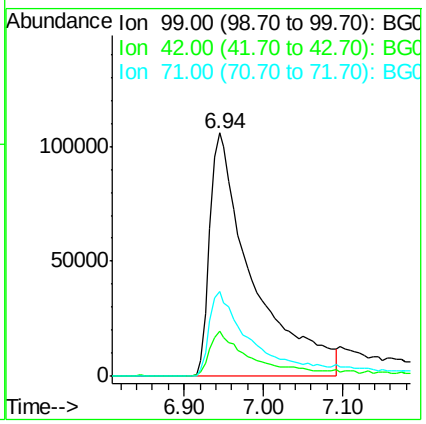


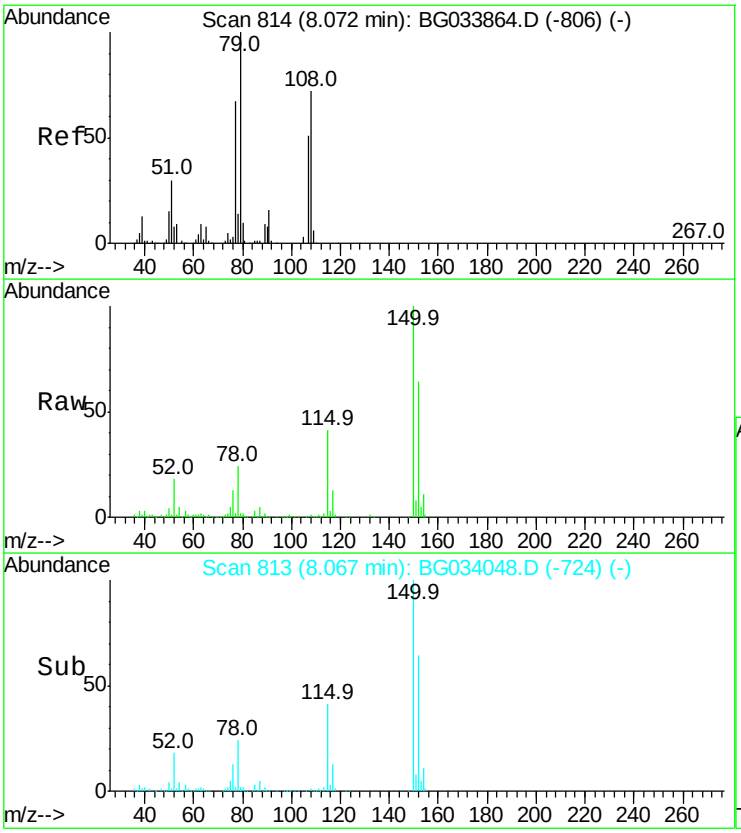
#7
Phenol-d6
Concen: 133.725 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 396607

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	34.8	26.1	39.1

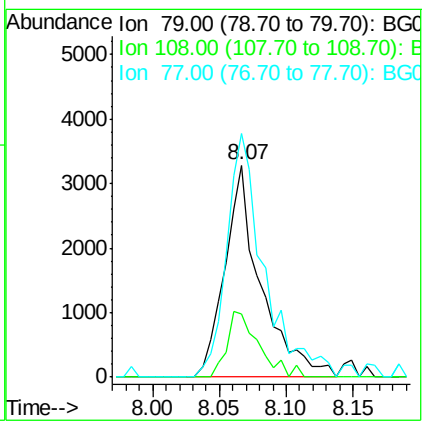


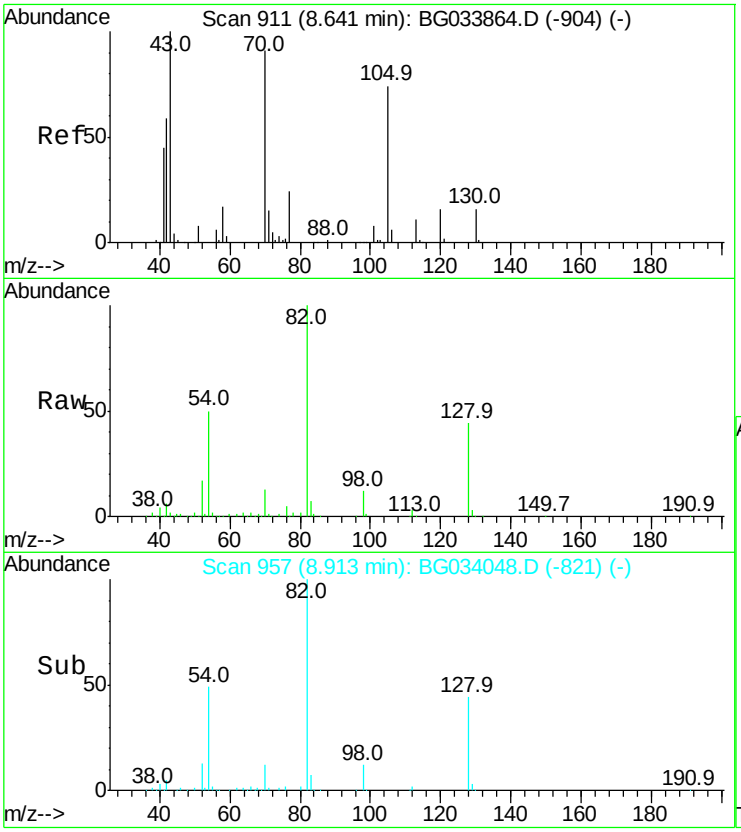


#15
Benzyl Alcohol
Concen: 2.386 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion: 79 Resp: 6171

Ion	Ratio	Lower	Upper
79	100		
108	29.7	57.2	85.8#
77	115.0	46.1	69.1#



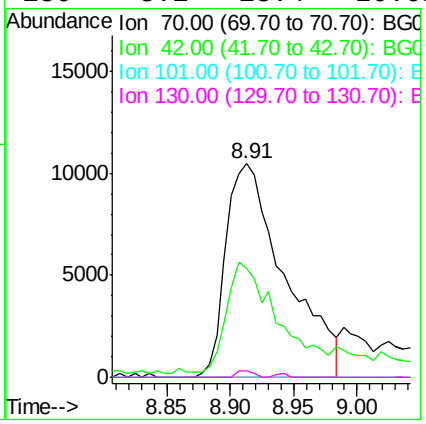


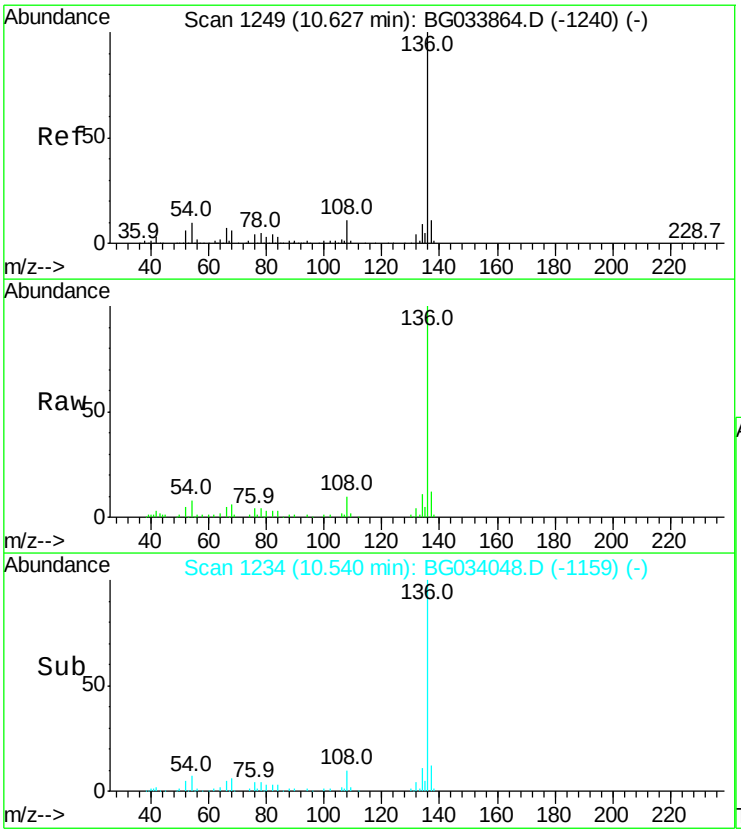
#19
n-Nitroso-di-n-propylamine
Concen: 13.340 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 33725

Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.1	73.7
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#

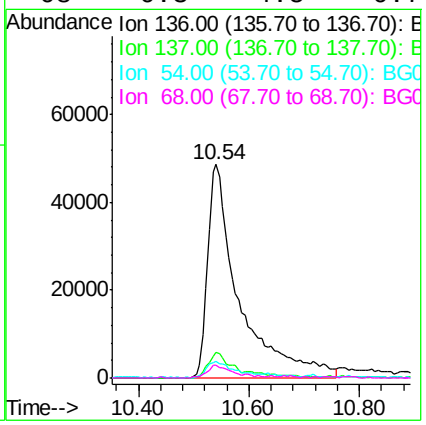


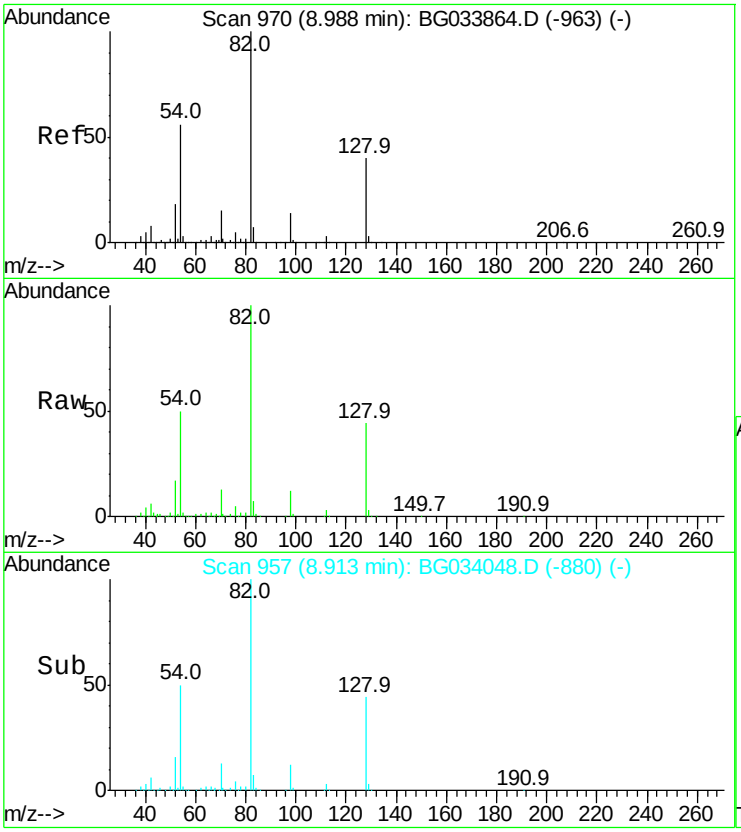


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:136 Resp: 192847

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.0	10.3	15.5#
68	6.3	4.5	6.7



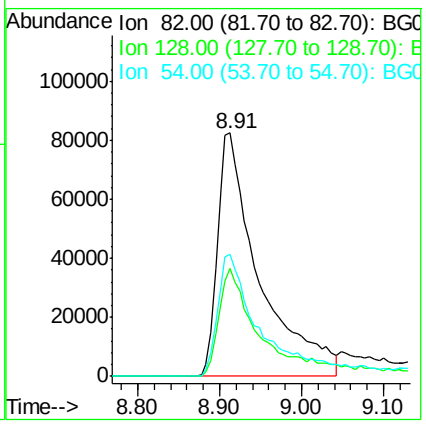


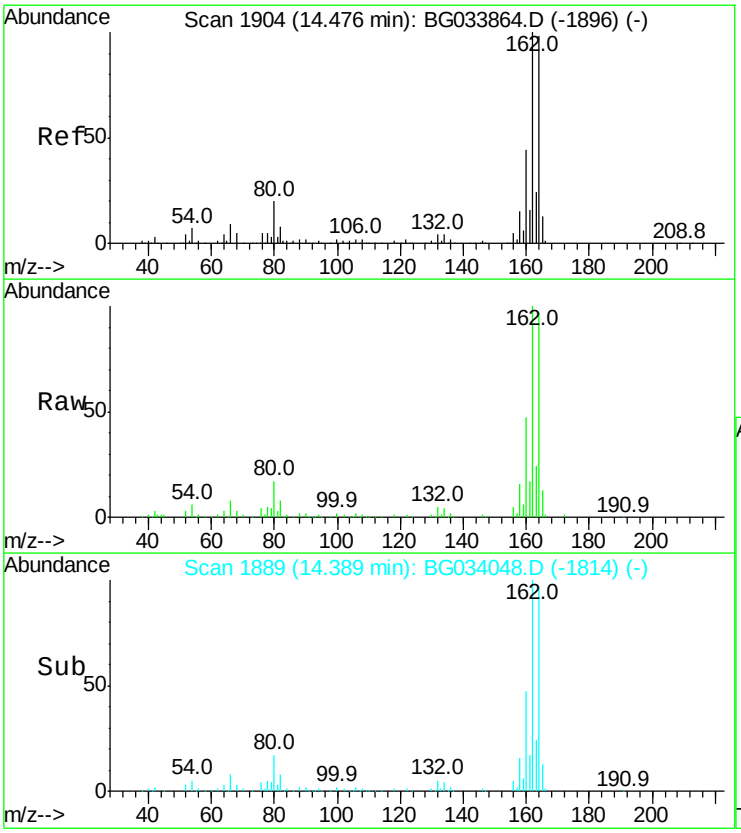
#23
Nitrobenzene-d5
Concen: 86.053 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 291604

Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	50.4	43.1	64.7

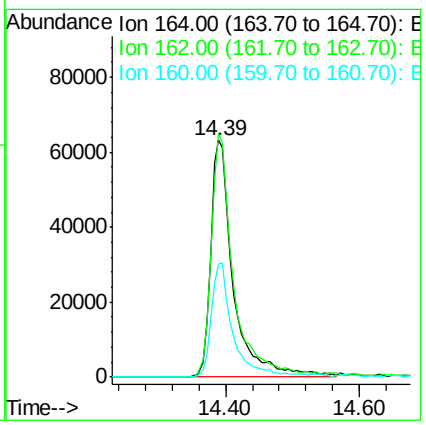


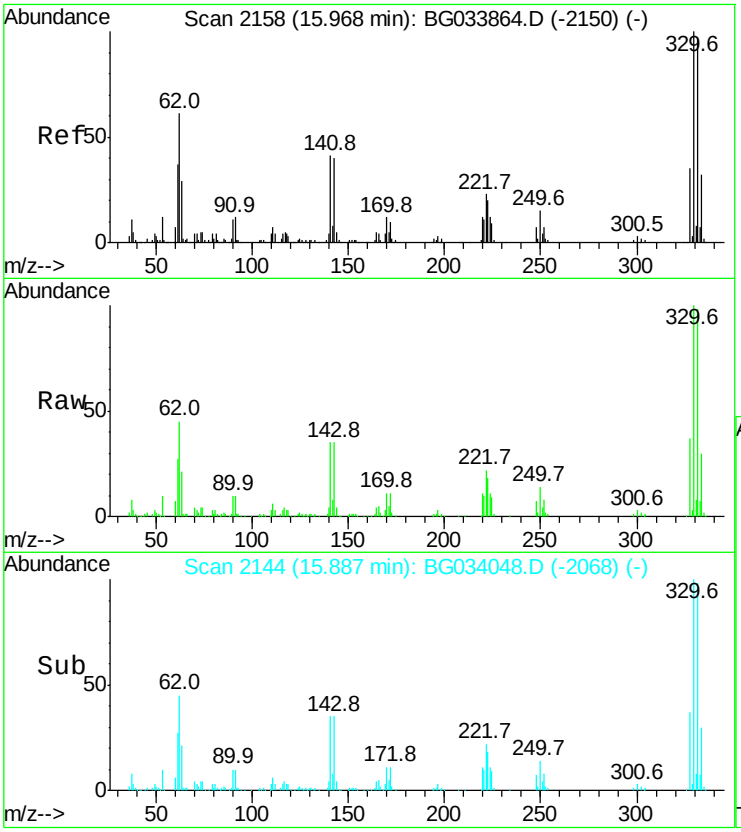


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:164 Resp: 150643

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	47.8	35.4	53.0



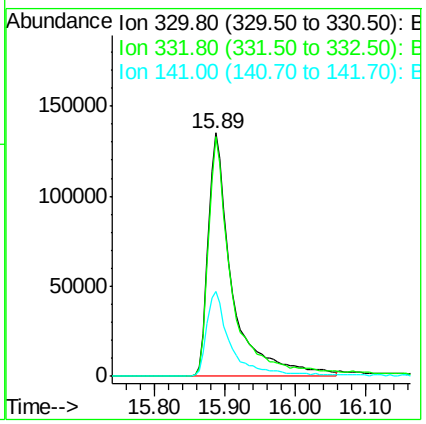


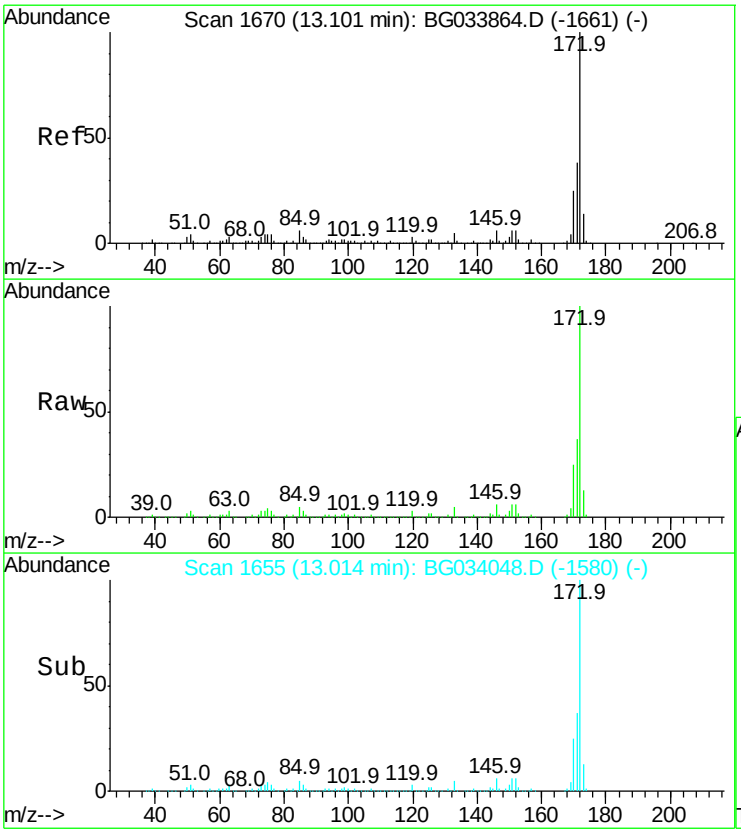
#41
2,4,6-Tribromophenol
Concen: 182.359 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 320494

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	33.8	25.2	37.8

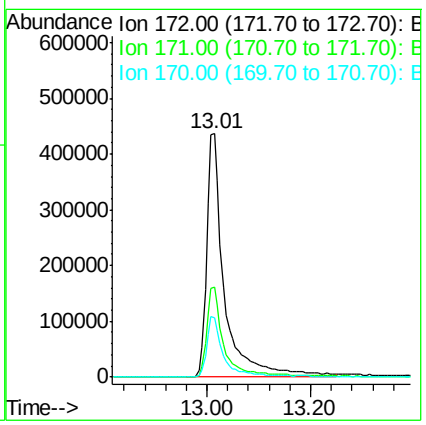


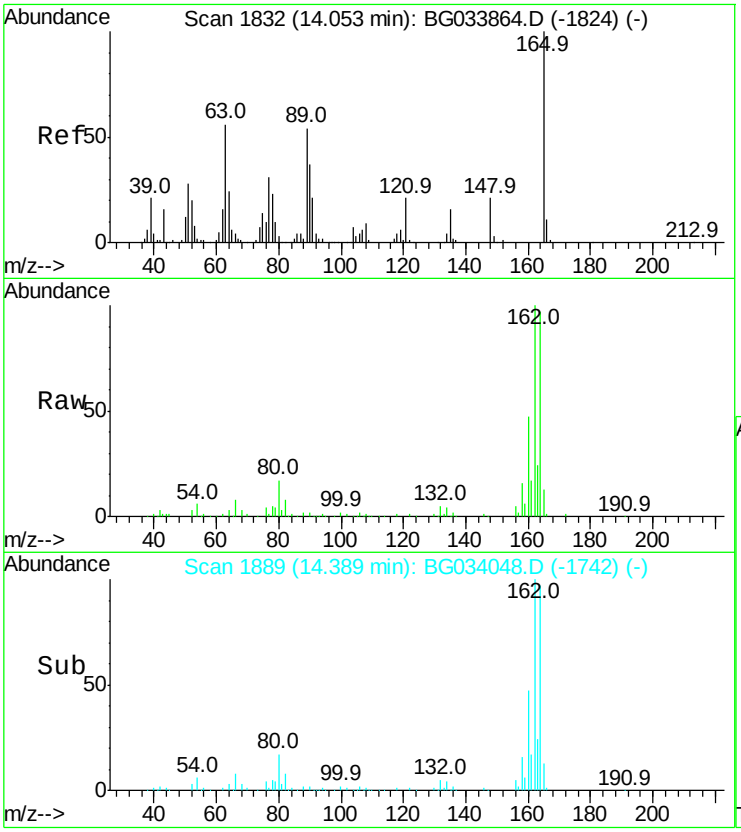


#44
2-Fluorobiphenyl
Concen: 102.757 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:172 Resp: 1053731

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.5	19.5	29.3



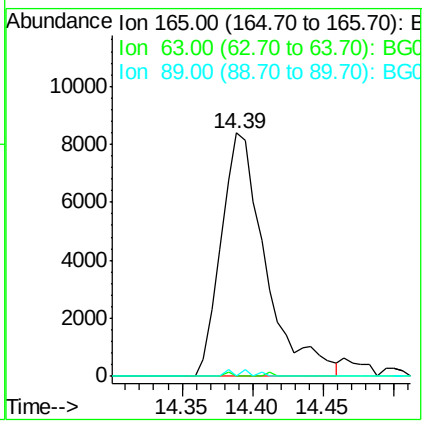


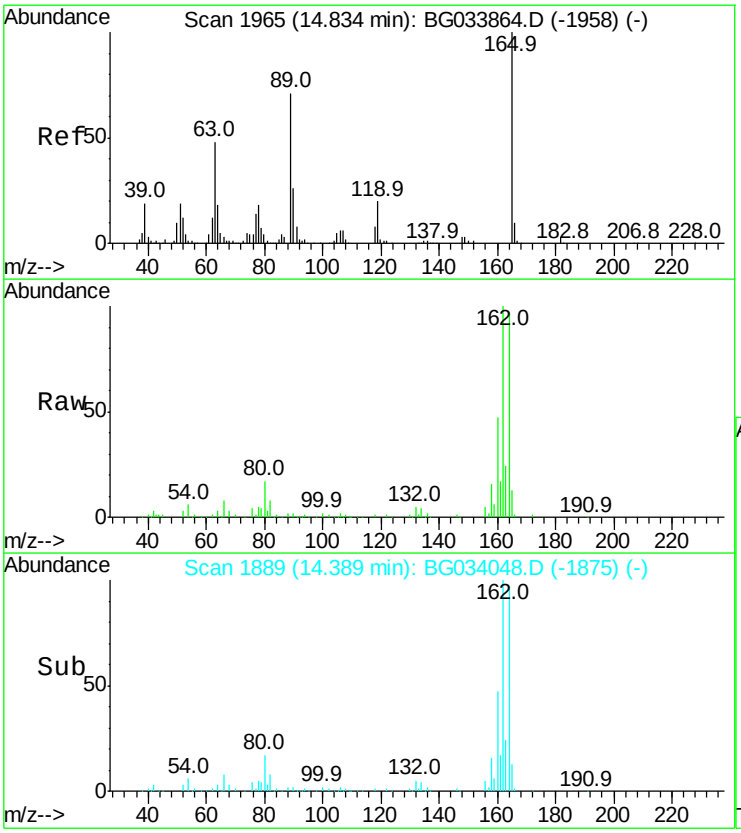
#50
2,6-Dinitrotoluene
Concen: 7.303 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.34 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18339

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

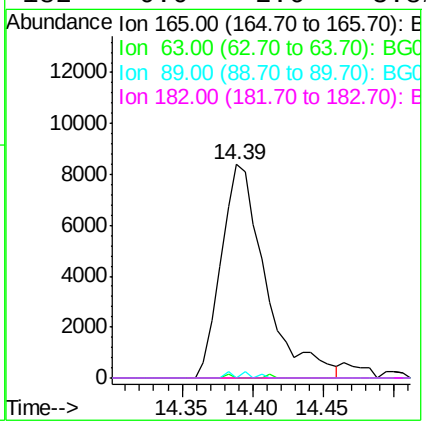


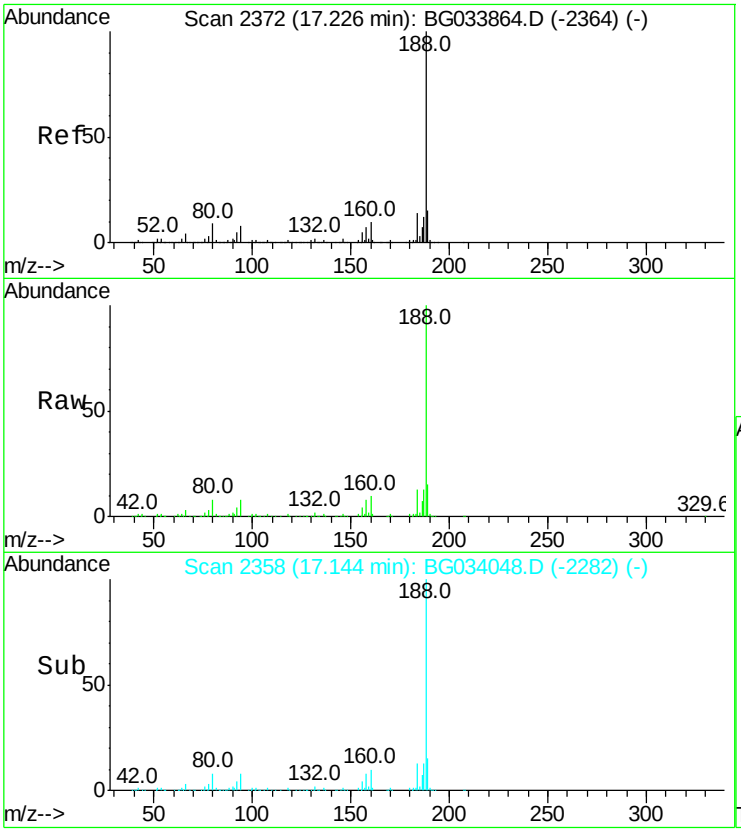


#56
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:165 Resp: 18339

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#



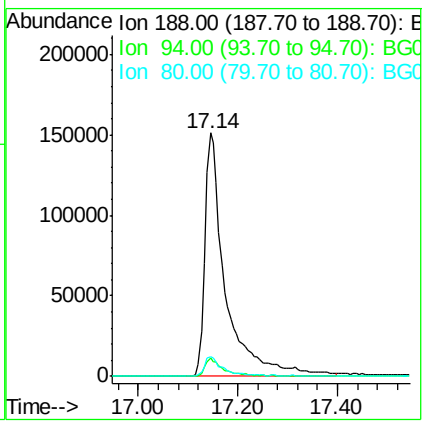


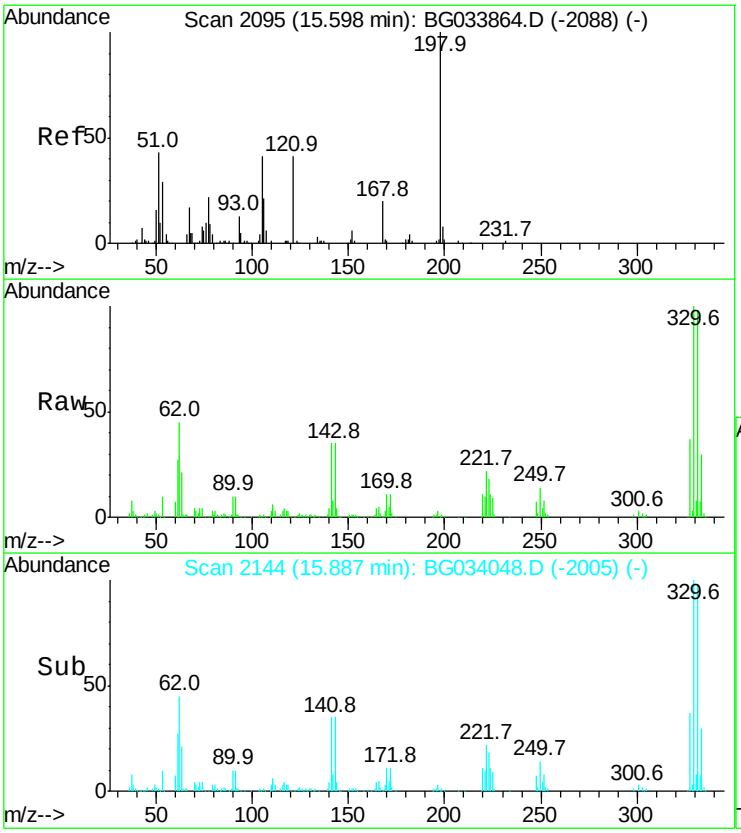
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 435929

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.8	7.7	11.5

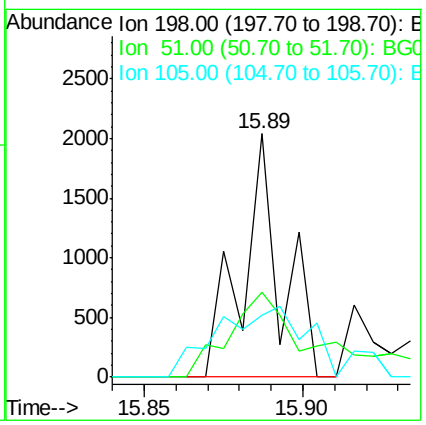


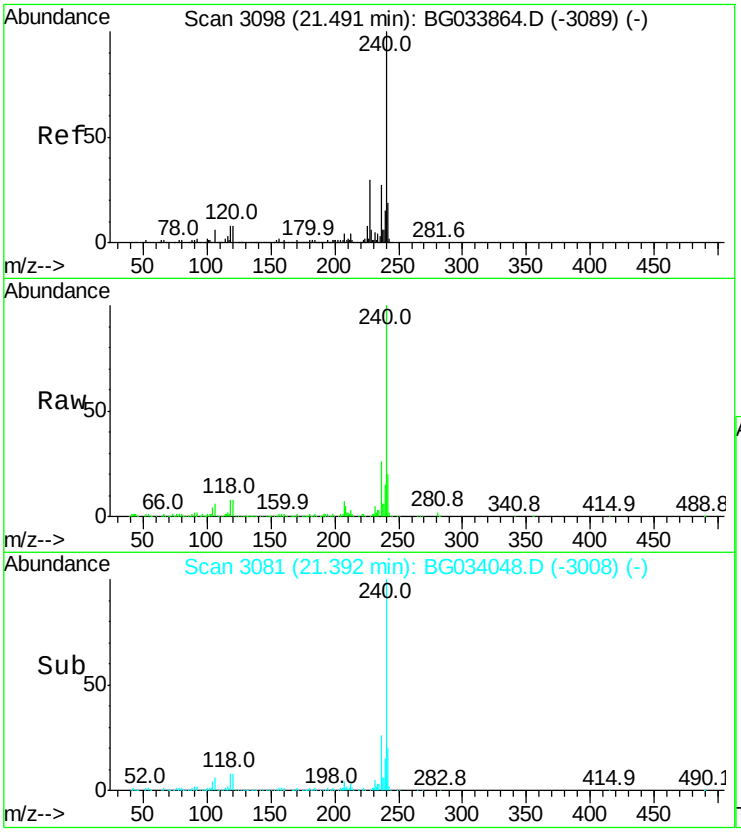


#64
4,6-Dinitro-2-methylphenol
Concen: 7.213 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.29 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:198 Resp: 1757

Ion	Ratio	Lower	Upper
198	100		
51	35.0	30.6	70.6
105	25.3	23.8	63.8



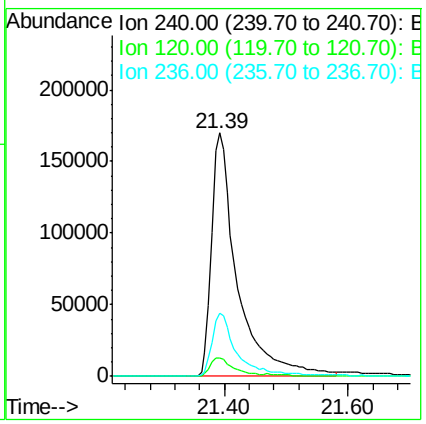


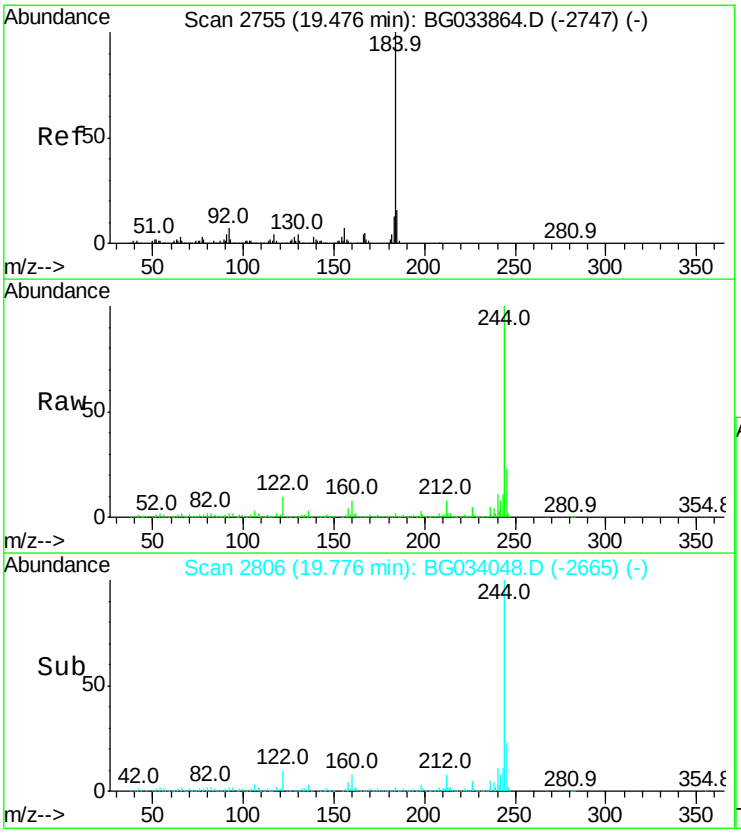
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 489338

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	26.0	20.9	31.3

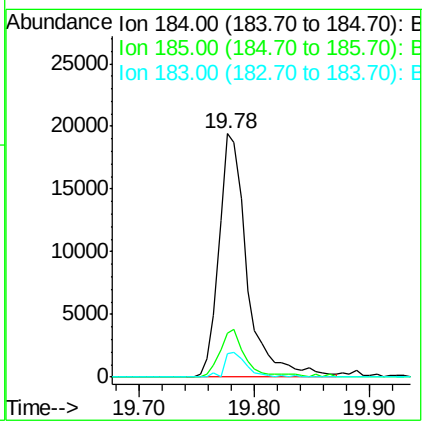


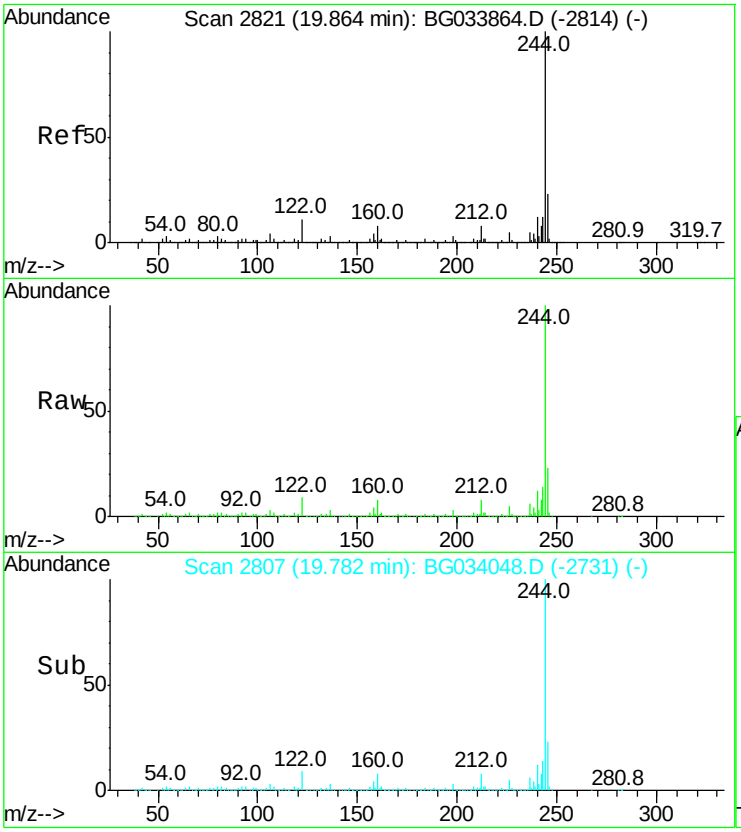


#76
Benzidine
Concen: 2.481 ng
RT: 19.78 min Scan# 2806
Delta R.T. 0.30 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:184 Resp: 32781

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	9.9	10.6	16.0#



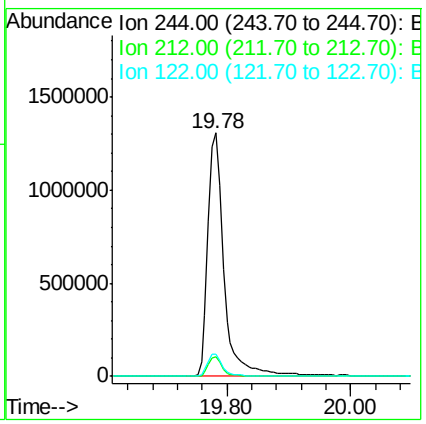


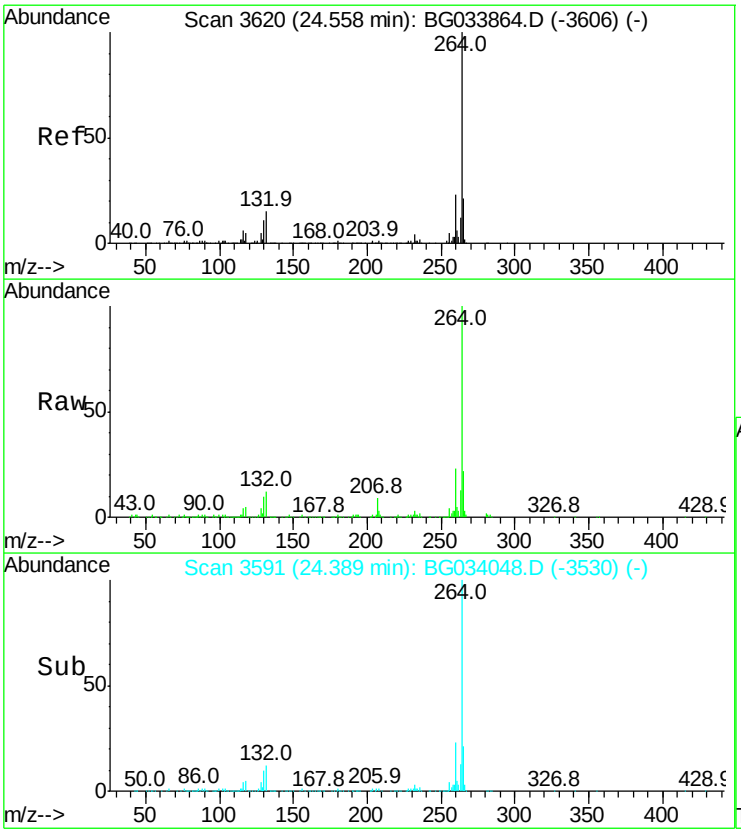
#78
Terphenyl-d14
Concen: 108.125 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2355086

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034048.D
Acq: 27 Apr 2018 20:47

Tgt Ion:264 Resp: 478950

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5