Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034054.D
Acq On : 28 Apr 2018 00:34
Operator : SJ/JU
Sample : J2549-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 02:03:58 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	7.75	152	36842	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	200953	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	162988	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	481324	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	542444	20.00	ng	-0.10
86) Perylene-d12	24.39	264	534786	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	416525	180.50	ng	-0.08
7) Phenol-d6	6.94	99	436161	129.59	ng	-0.06
23) Nitrobenzene-d5	8.91	82	332199	94.08	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	334263	175.79	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1182999	106.62	ng	-0.09
78) Terphenyl-d14	19.78	244	2636050	109.18	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.93	77	83	Below Cal	#	5
15) Benzyl Alcohol	8.07	79	7066	2.408	ng	# 48
19) n-Nitroso-di-n-propylamine	8.91	70	44498	15.510	ng	# 77
50) 2,6-Dinitrotoluene	14.39	165	21182	7.796	ng	# 20
56) 2,4-Dinitrotoluene	14.39	165	21804	6.035	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.88	198	851	6.807	ng	# 80
76) Benzidine	19.78	184	37881	2.586	ng	# 95

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

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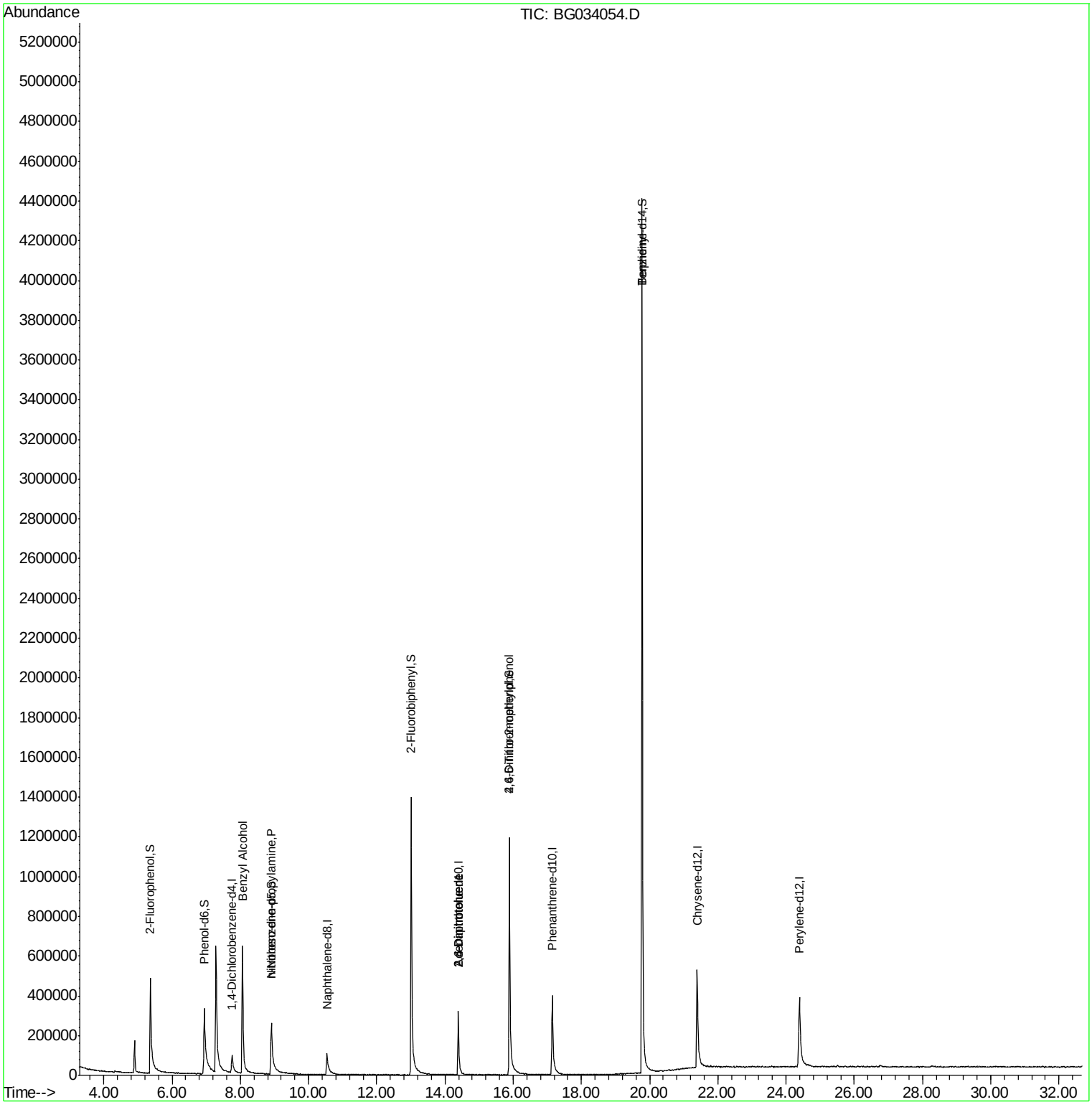
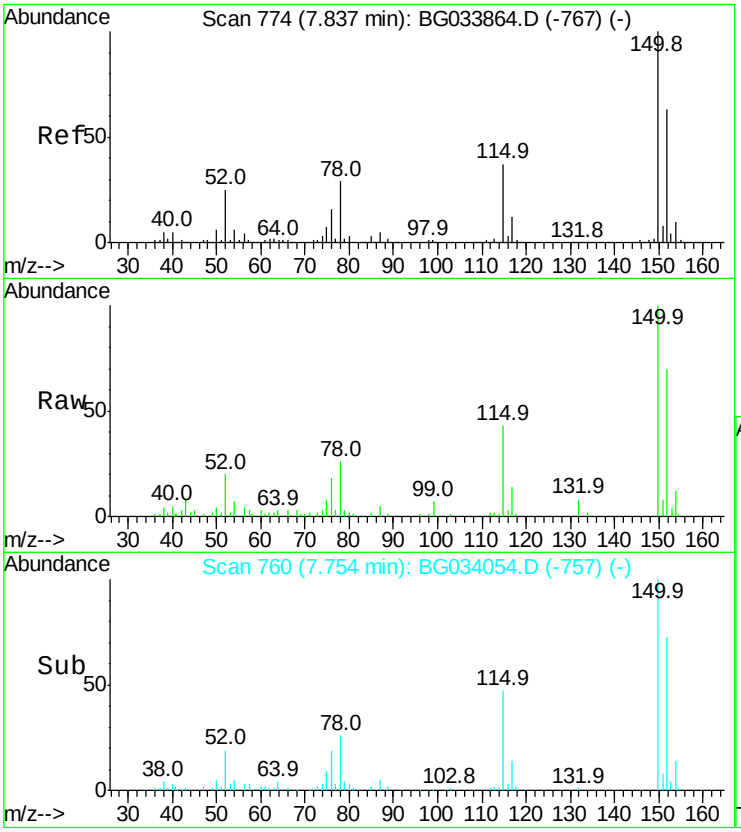


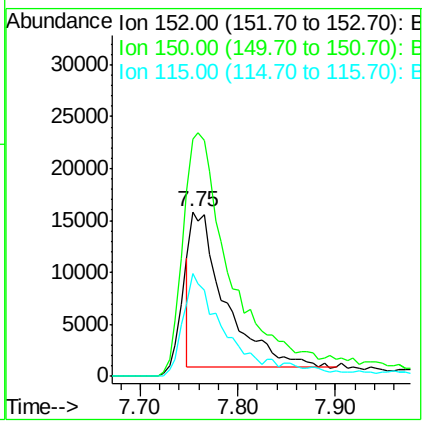


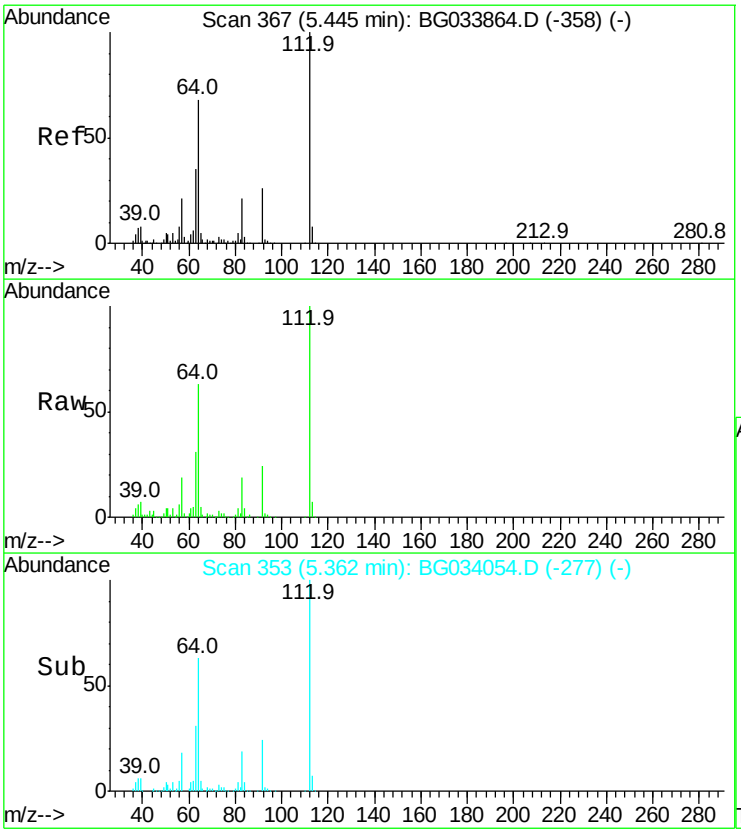
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36842

Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	62.4	53.0	79.4

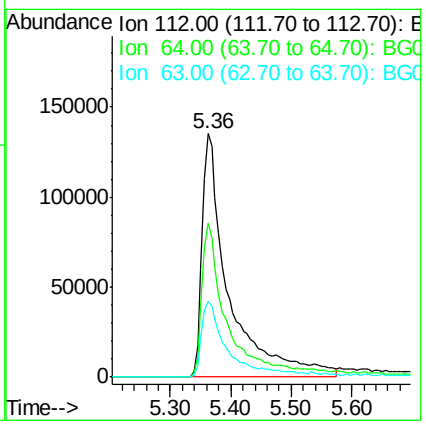


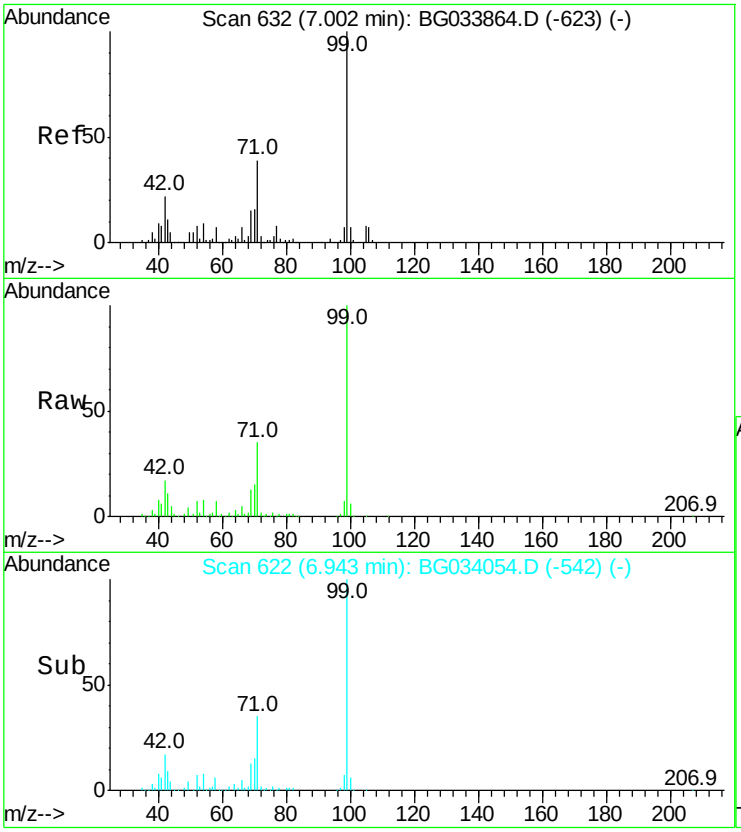


#5
2-Fluorophenol
Concen: 180.499 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:112 Resp: 416525

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	31.4	30.1	45.1



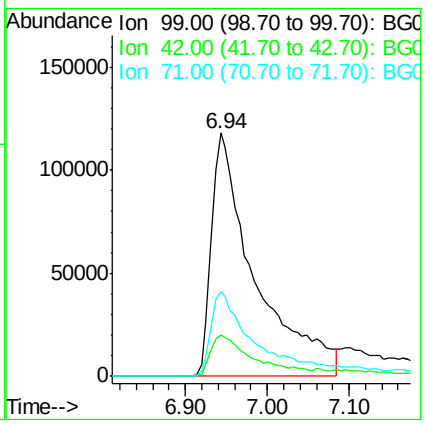


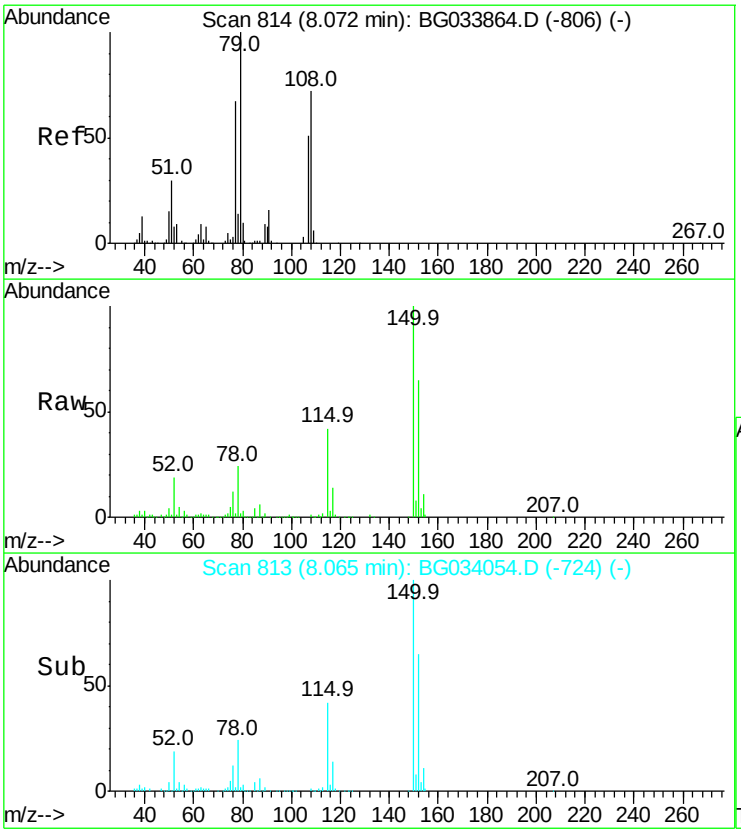
#7
Phenol-d6
Concen: 129.586 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 436161

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	34.9	26.1	39.1

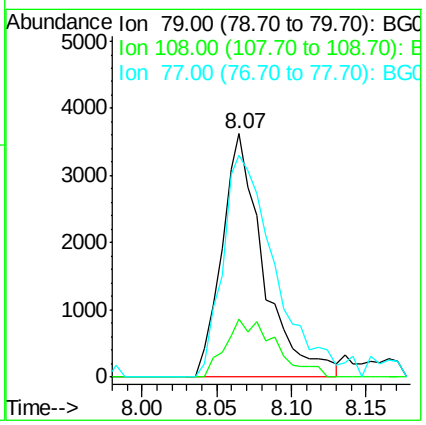


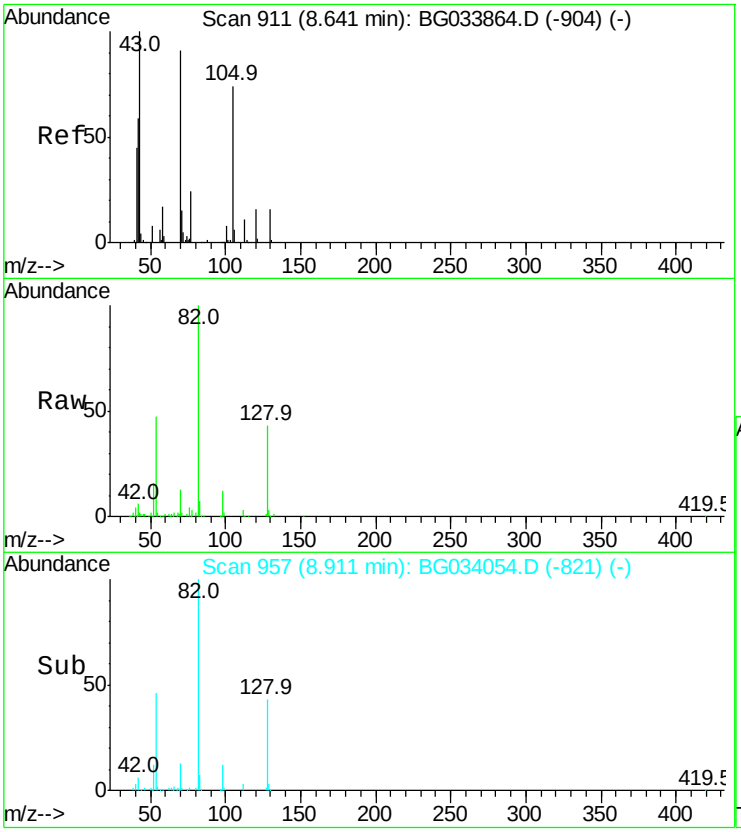


#15
Benzyl Alcohol
Concen: 2.408 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion: 79 Resp: 7066

Ion	Ratio	Lower	Upper
79	100		
108	23.8	57.2	85.8#
77	91.0	46.1	69.1#



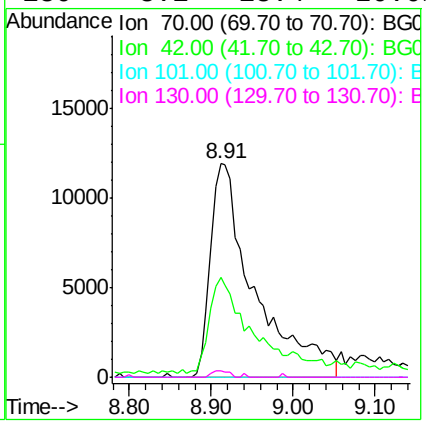


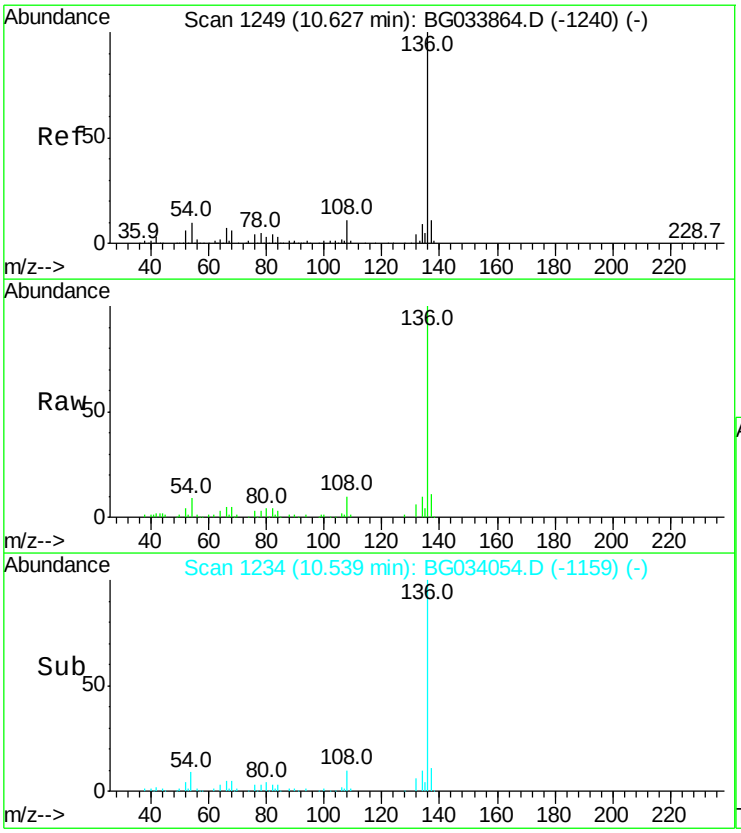
#19
n-Nitroso-di-n-propylamine
Concen: 15.510 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.27 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 44498

Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.1	73.7#
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#

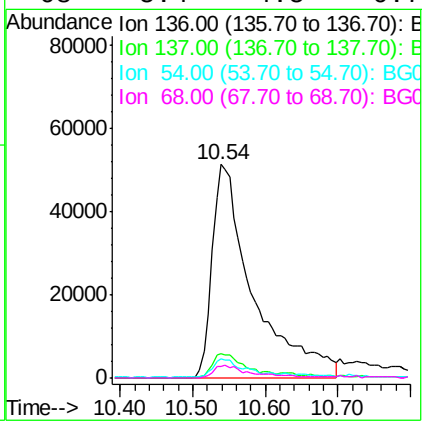


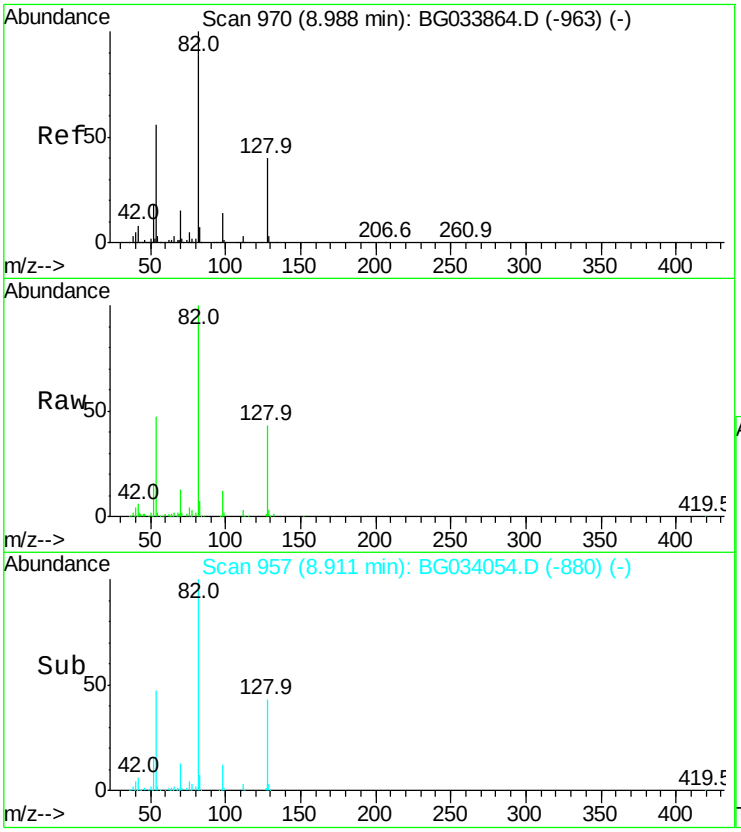


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:136 Resp: 200953

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.2	10.3	15.5#
68	5.4	4.5	6.7



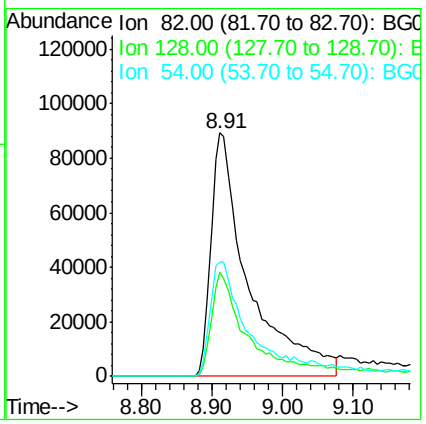


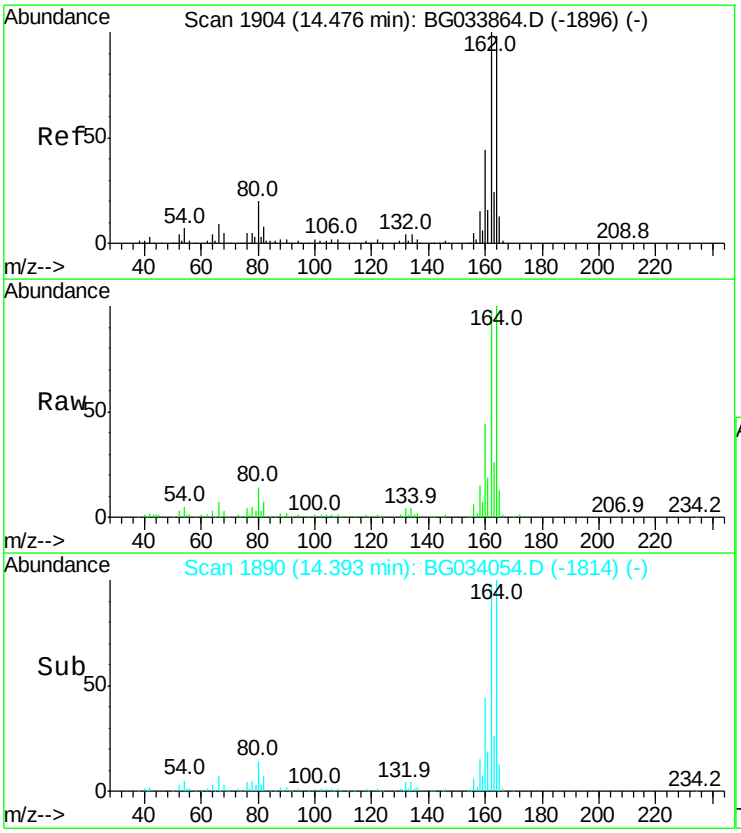
#23
Nitrobenzene-d5
Concen: 94.078 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 332199

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	46.8	43.1	64.7

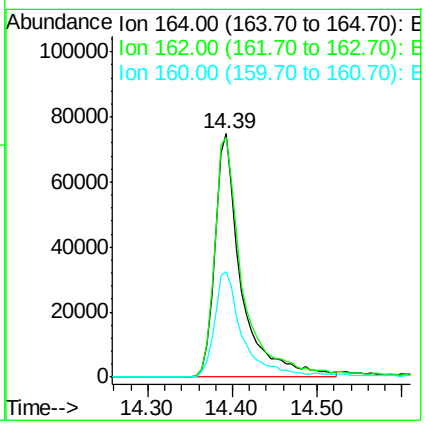


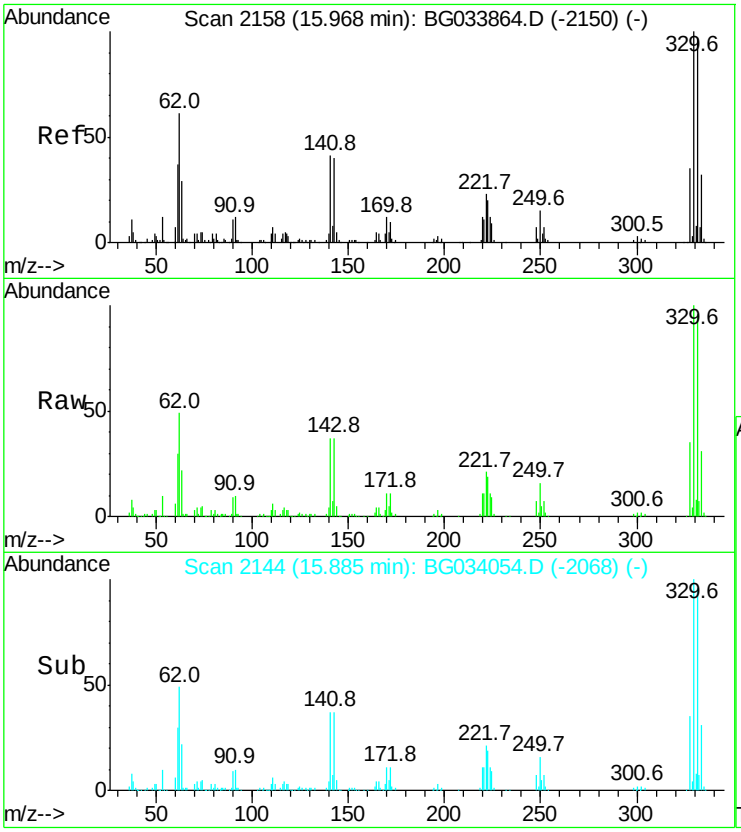


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:164 Resp: 162988

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	43.5	35.4	53.0



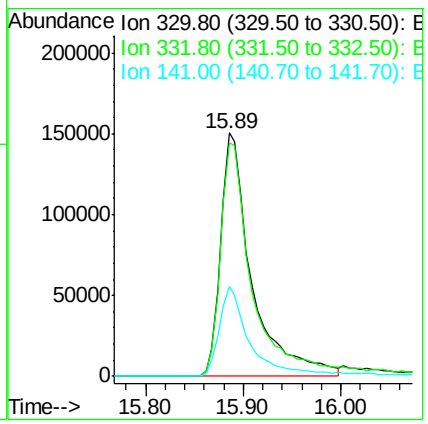


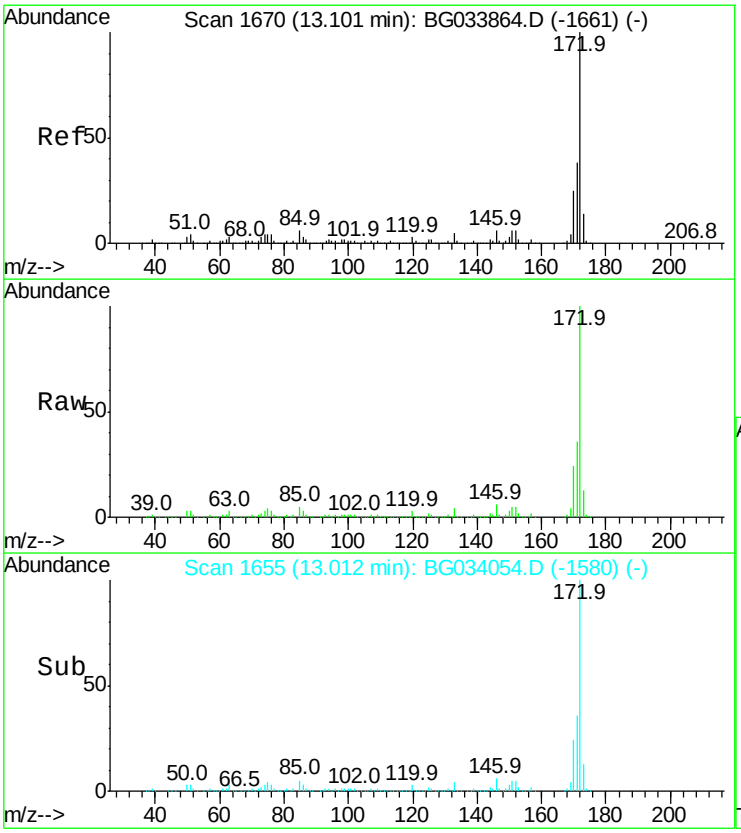
#41
2,4,6-Tribromophenol
Concen: 175.788 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 334263

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	37.6	25.2	37.8

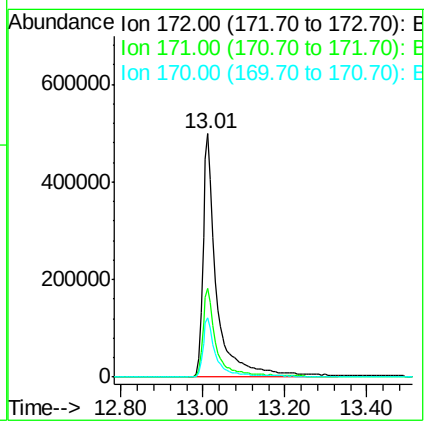


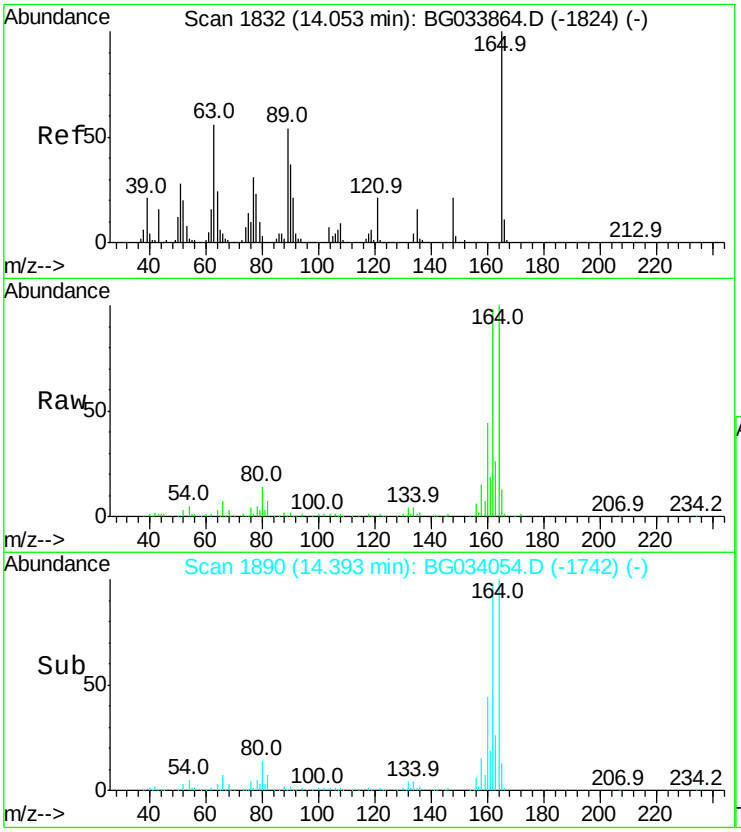


#44
2-Fluorobiphenyl
Concen: 106.625 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:172 Resp: 1182999

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	24.4	19.5	29.3



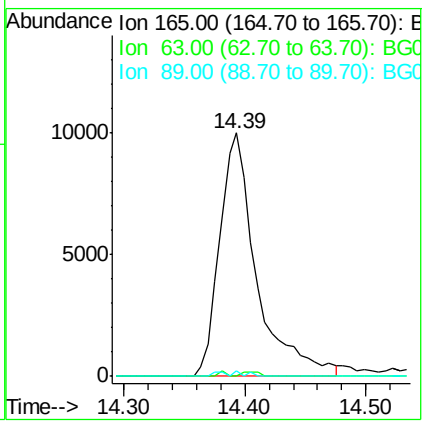


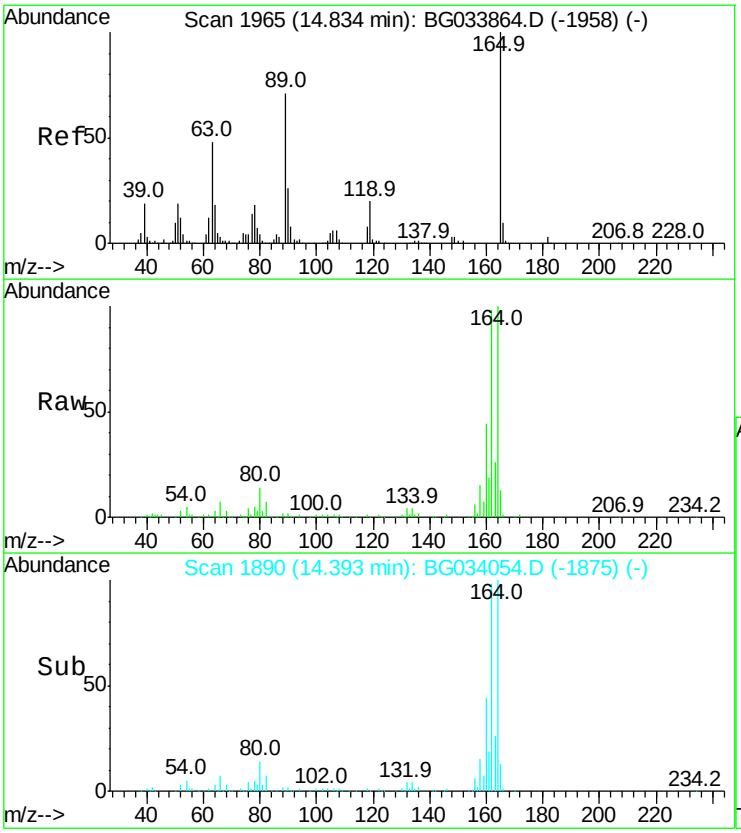
#50
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 14.39 min Scan# 1890
Delta R.T. 0.34 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21182

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#

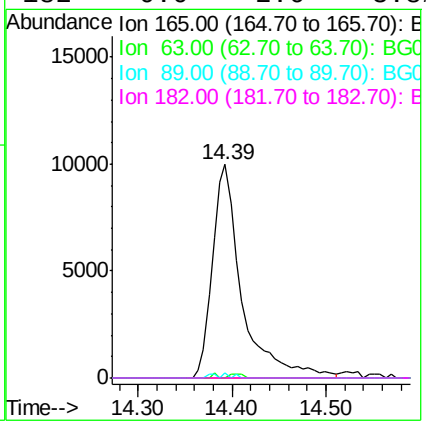


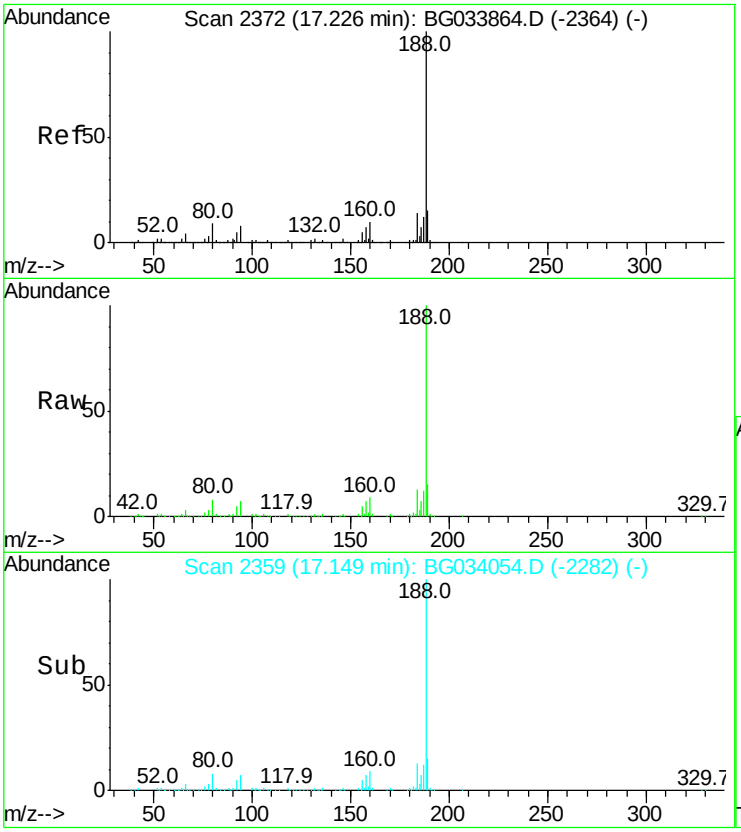


#56
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.44 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:165 Resp: 21804

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



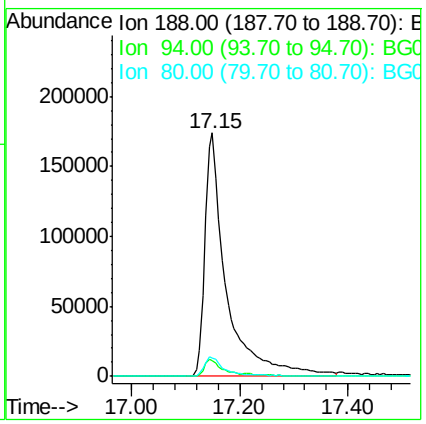


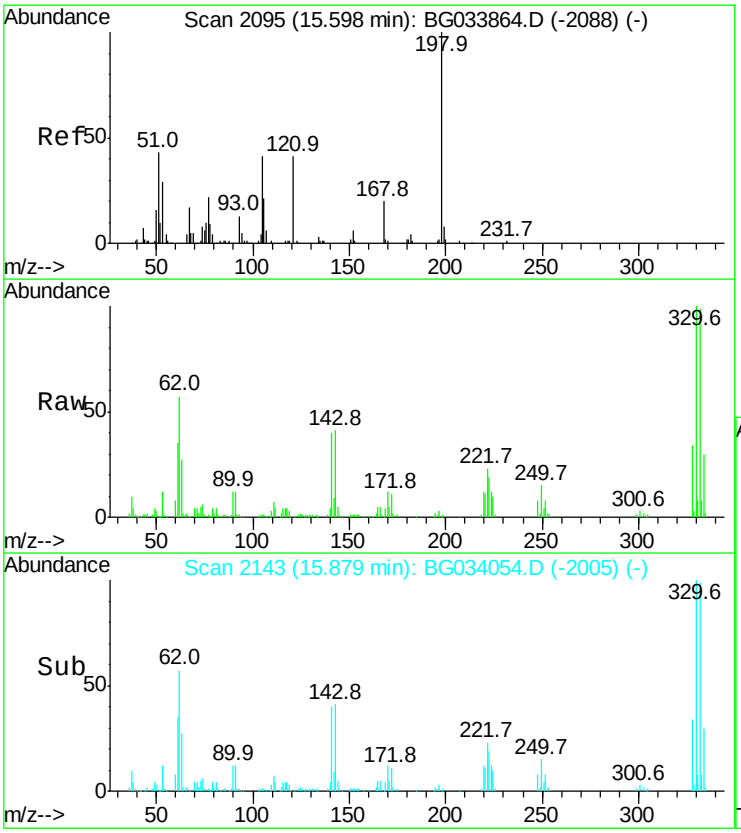
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 481324

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.7	7.7	11.5

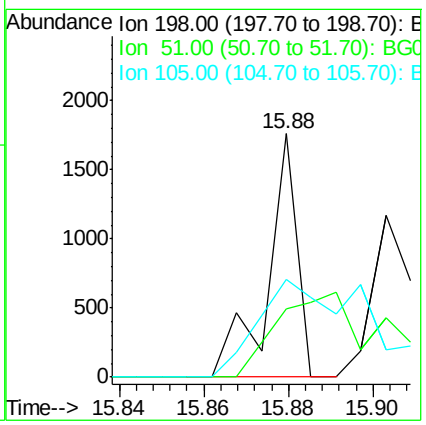


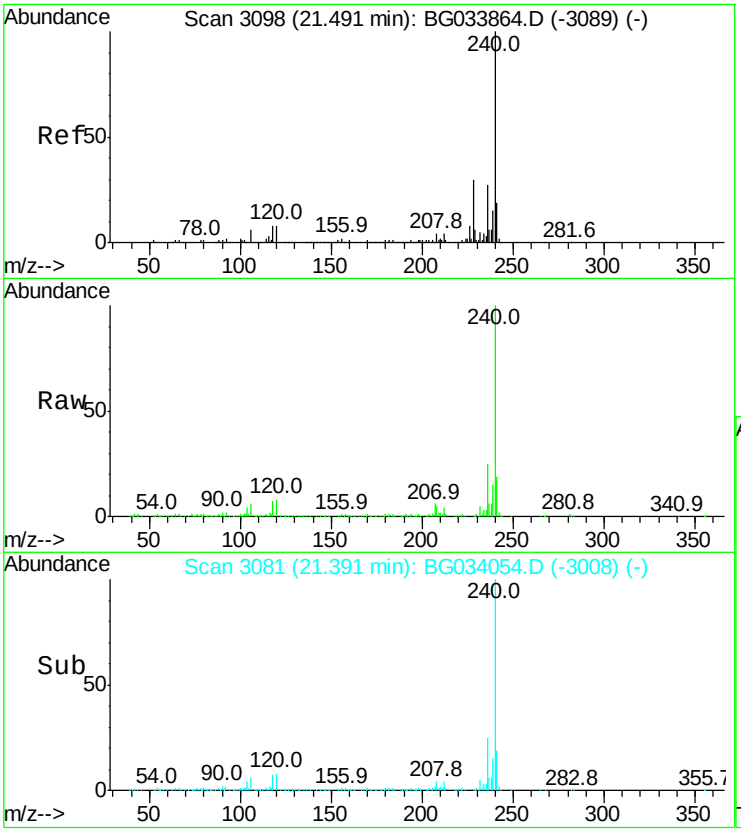


#64
4,6-Dinitro-2-methylphenol
Concen: 6.807 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.28 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:198 Resp: 851

Ion	Ratio	Lower	Upper
198	100		
51	28.3	30.6	70.6#
105	40.4	23.8	63.8



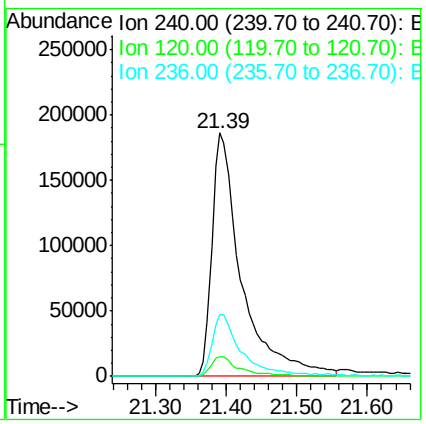


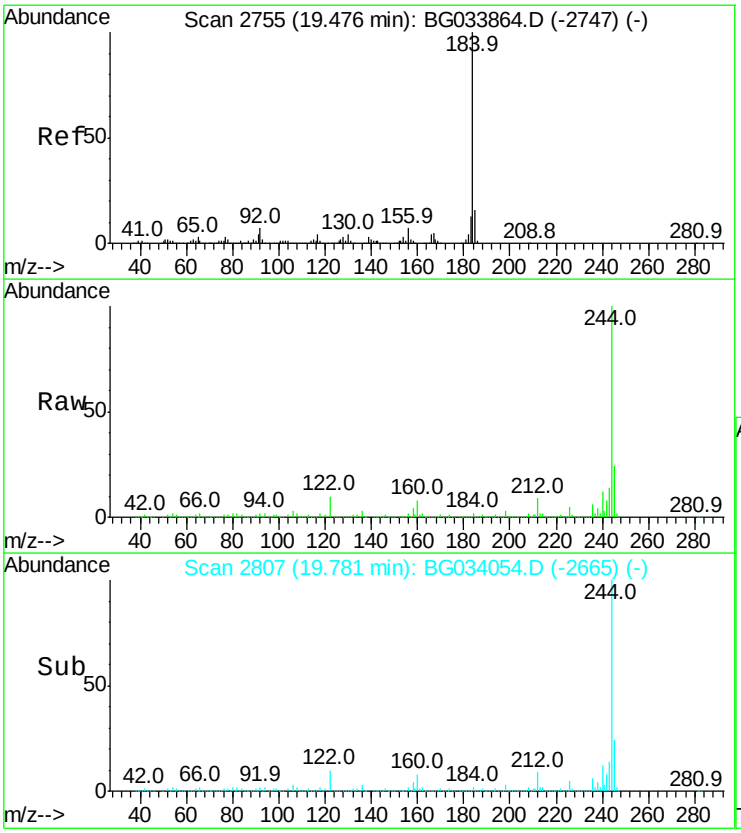
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 542444

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.2	20.9	31.3

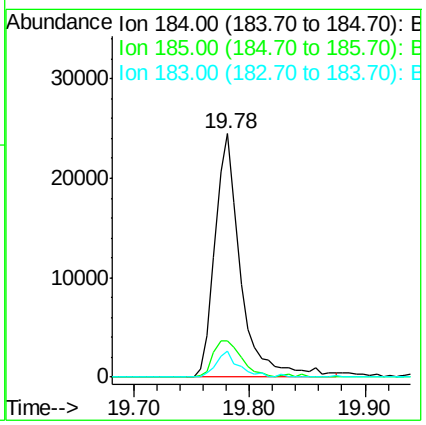


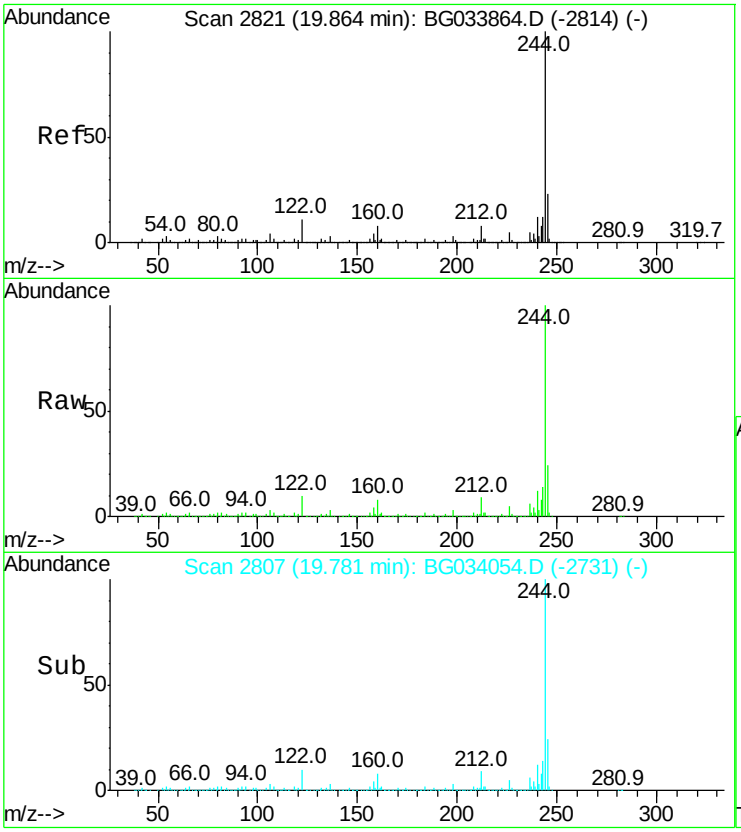


#76
Benzidine
Concen: 2.586 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:184 Resp: 37881

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	10.5	10.6	16.0#



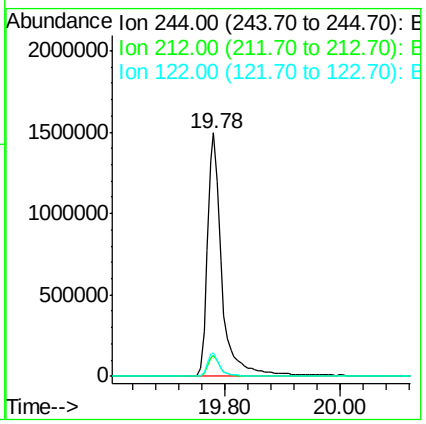


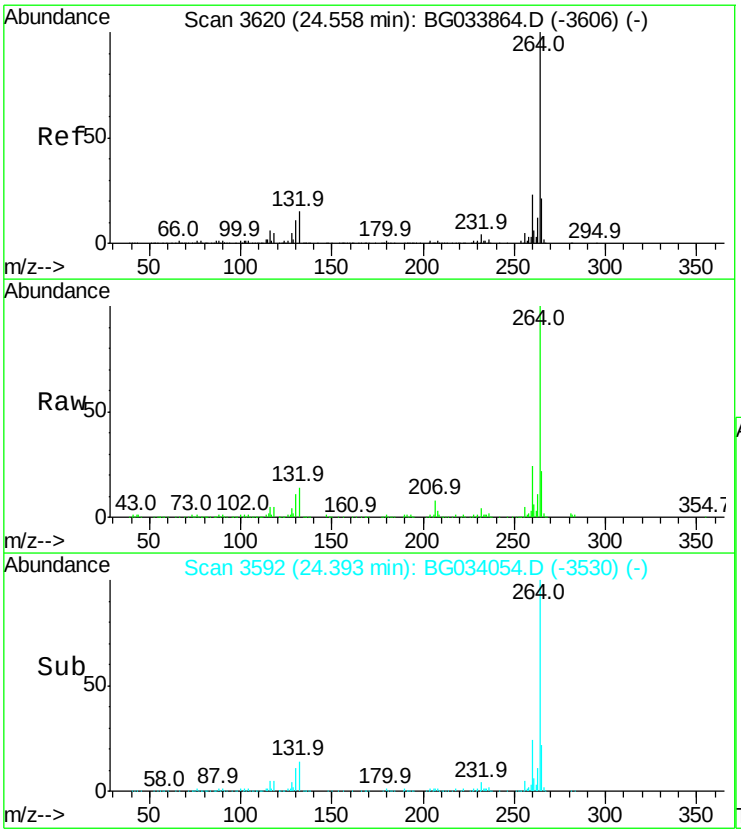
#78
Terphenyl-d14
Concen: 109.176 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2636050

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034054.D
Acq: 28 Apr 2018 00:34

Tgt Ion:264 Resp: 534786

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.2	17.7	26.5