Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034070.D
Acq On : 28 Apr 2018 12:06
Operator : SJ/JU
Sample : PB108633BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 02:30:58 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	7.76	152	27092	20.00	ng	-0.07
21) Naphthalene-d8	10.54	136	185087	20.00	ng	-0.08
38) Acenaphthene-d10	14.39	164	162885	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	453932	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	538955	20.00	ng	-0.10
86) Perylene-d12	24.39	264	507633	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	238978	140.83	ng	-0.08
7) Phenol-d6	6.95	99	267262	107.98	ng	-0.05
23) Nitrobenzene-d5	8.92	82	299567	92.11	ng	-0.07
41) 2,4,6-Tribromophenol	15.88	330	210582	110.81	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1074224	96.88	ng	-0.09
78) Terphenyl-d14	19.78	244	2307741	96.20	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.95	77	59	Below Cal	#	5
15) Benzyl Alcohol	8.07	79	6246	2.89	ng	# 47
19) n-Nitroso-di-n-propylamine	8.92	70	34142	16.18	ng	# 79
32) Benzoic acid	10.12	122	54	5.10	ng	# 1
50) 2,6-Dinitrotoluene	14.39	165	19915	7.33	ng	# 20
56) 2,4-Dinitrotoluene	14.39	165	20474	5.67	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.88	198	1578	7.11	ng	# 67
76) Benzidine	19.78	184	32656	2.24	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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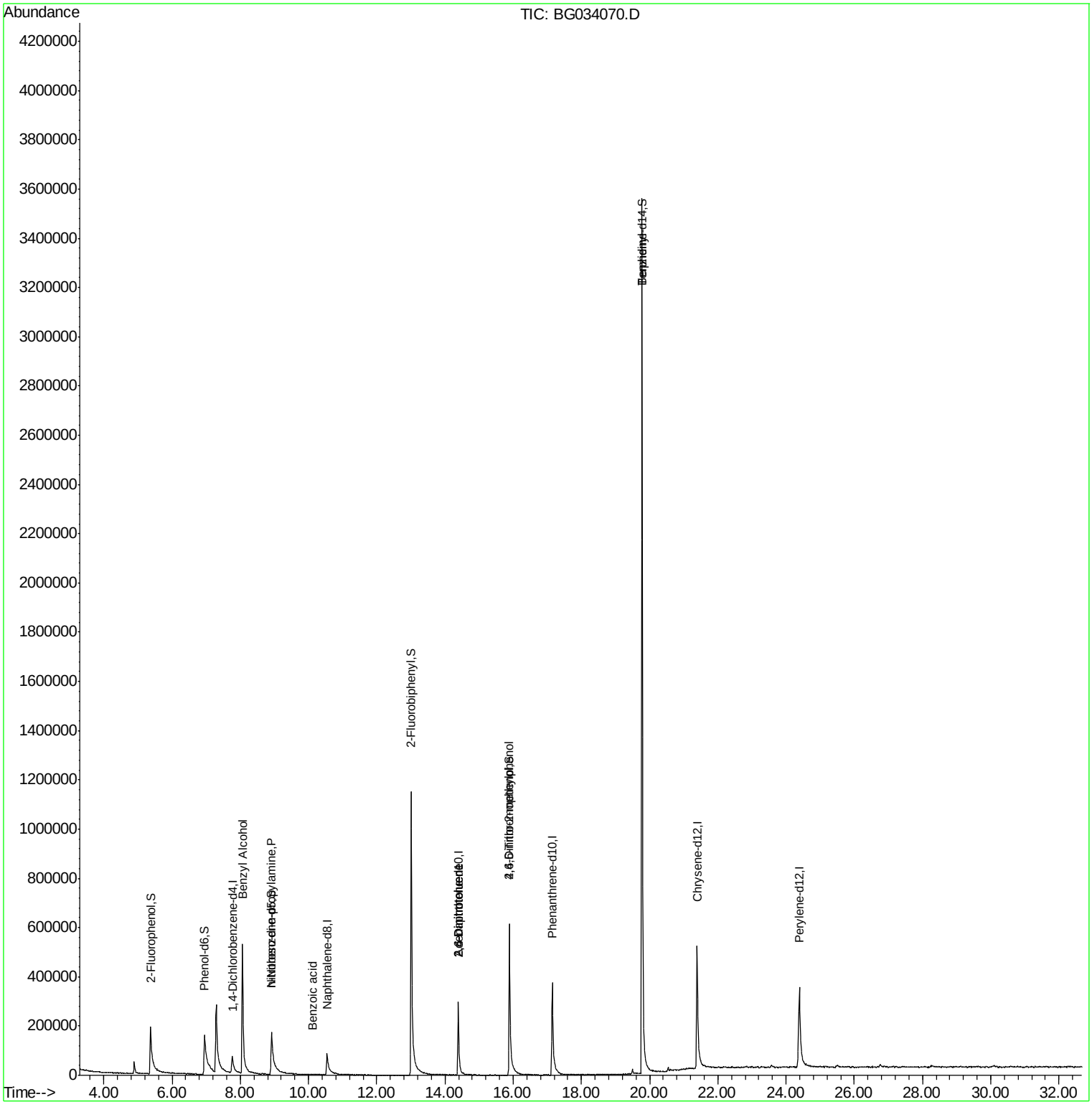
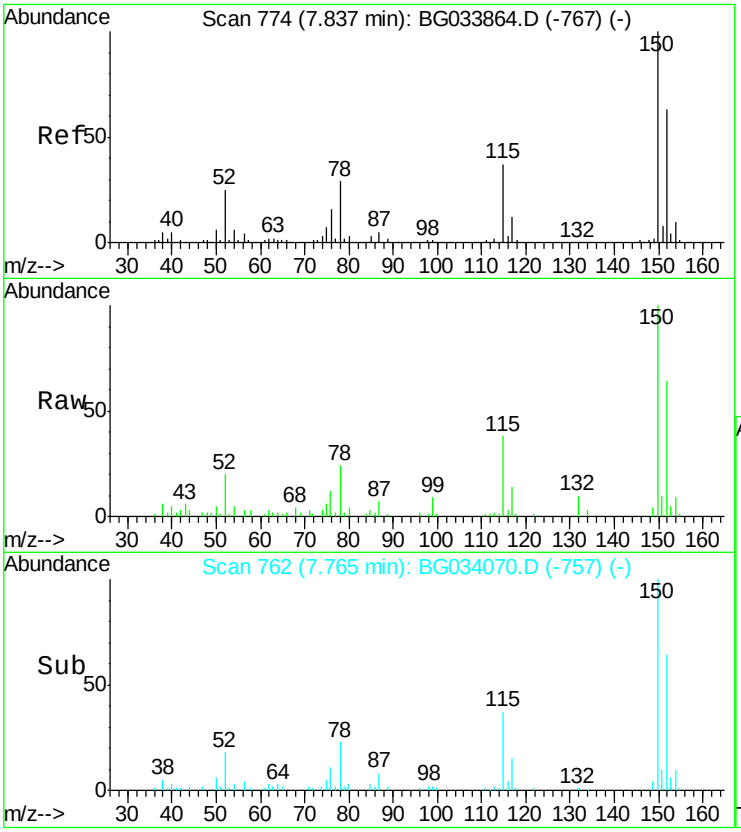


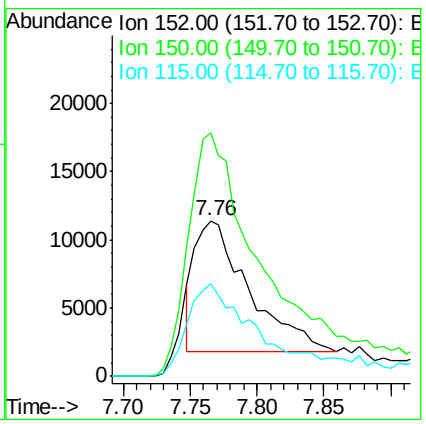


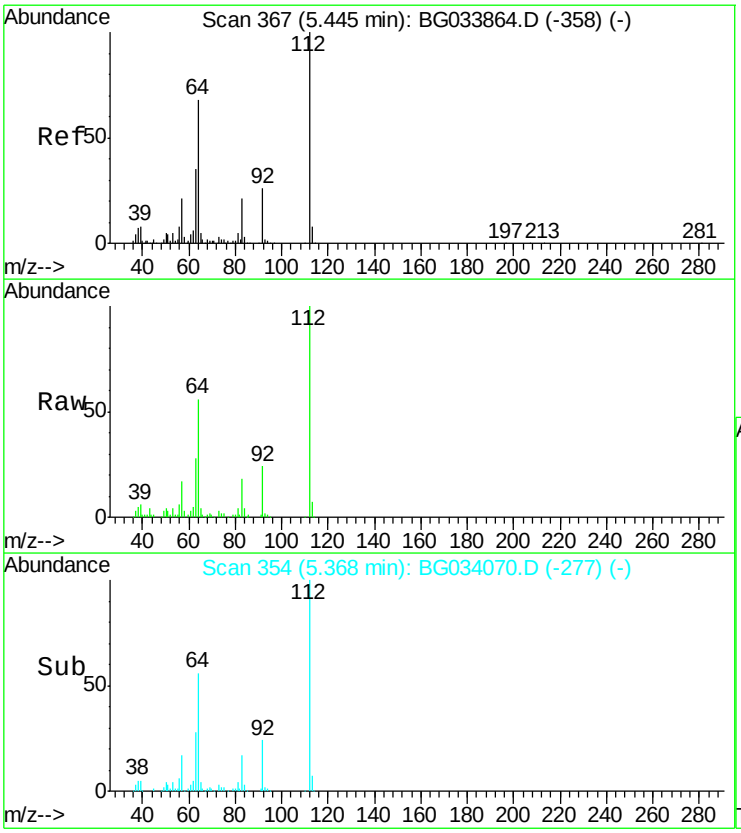
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 762
Delta R.T. -0.07 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27092

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	59.3	53.0	79.4

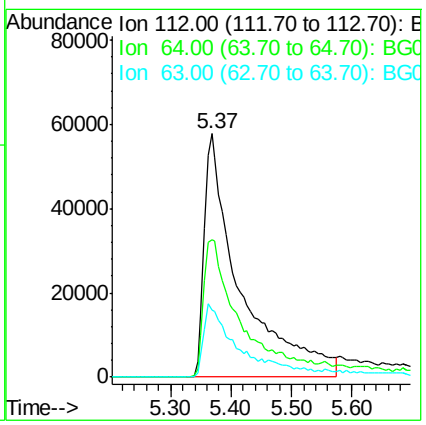


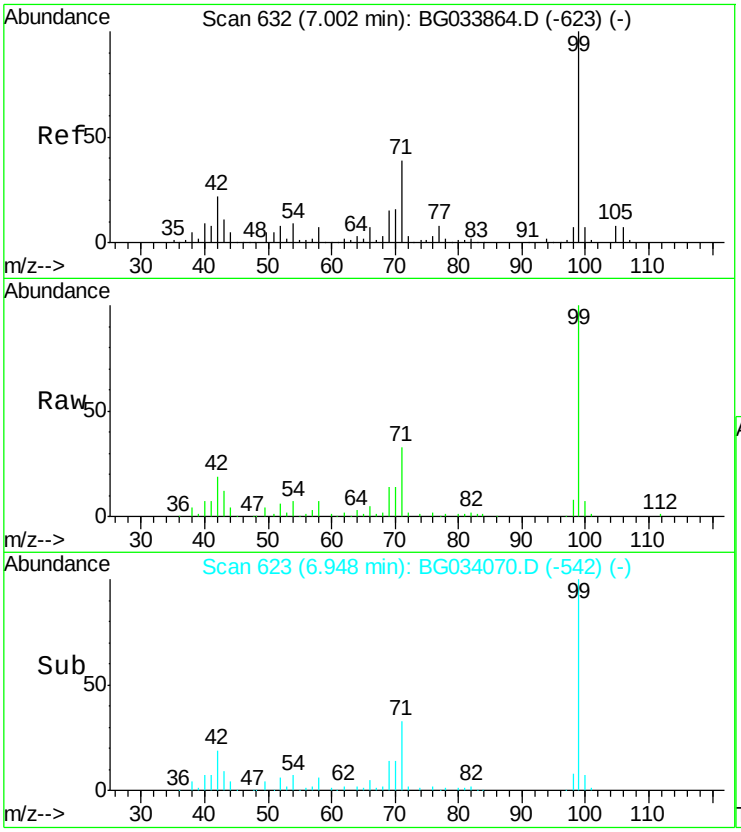


#5
2-Fluorophenol
Concen: 140.83 ng
RT: 5.37 min Scan# 354
Delta R.T. -0.08 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:112 Resp: 238978

Ion	Ratio	Lower	Upper
112	100		
64	56.5	56.3	84.5
63	27.7	30.1	45.1#



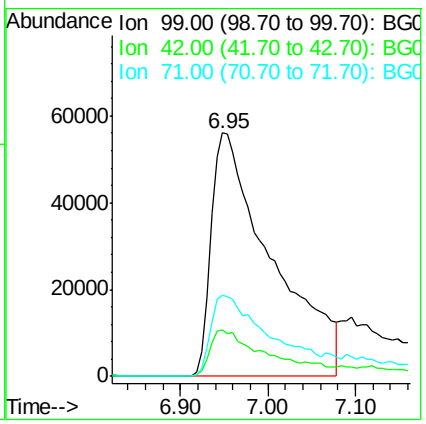


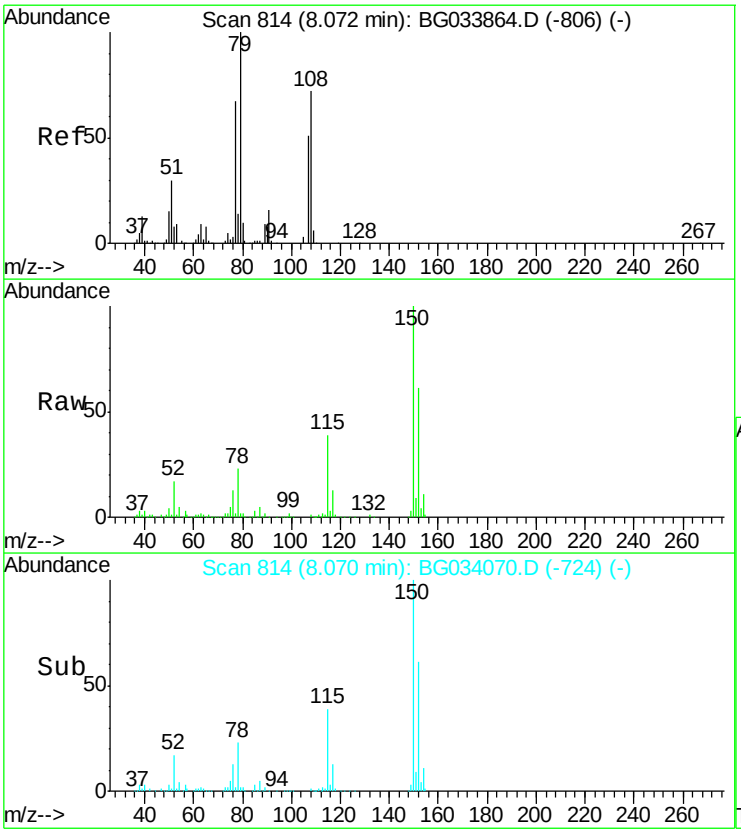
#7
Phenol-d6
Concen: 107.98 ng
RT: 6.95 min Scan# 623
Delta R.T. -0.05 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 267262

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	33.5	26.1	39.1

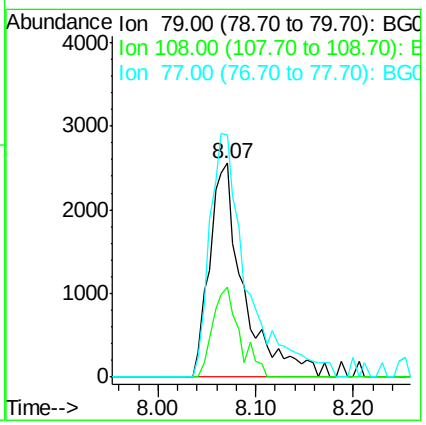


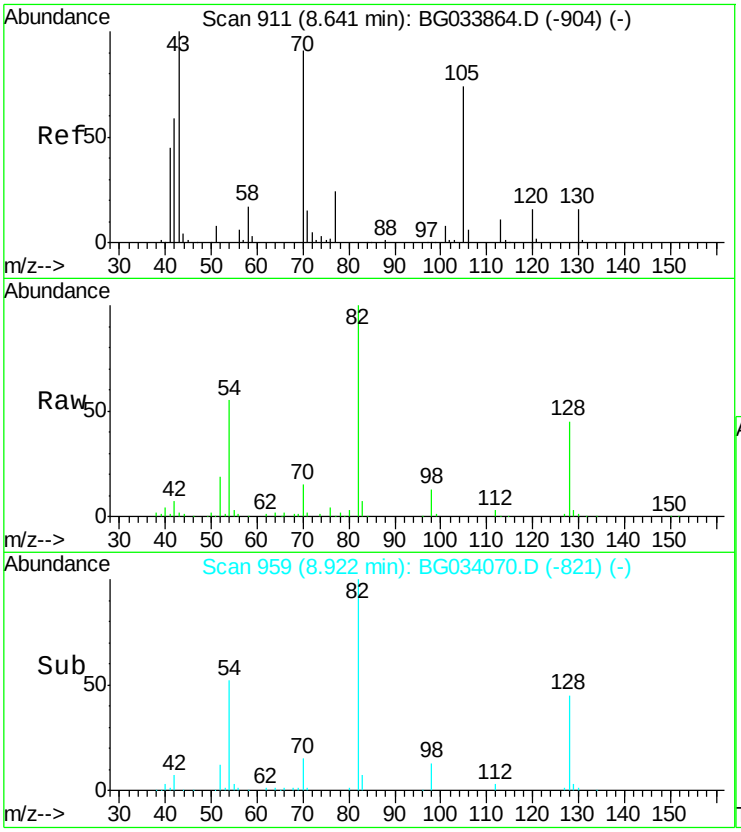


#15
Benzyl Alcohol
Concen: 2.89 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion: 79 Resp: 6246

Ion	Ratio	Lower	Upper
79	100		
108	41.9	57.2	85.8#
77	113.4	46.1	69.1#



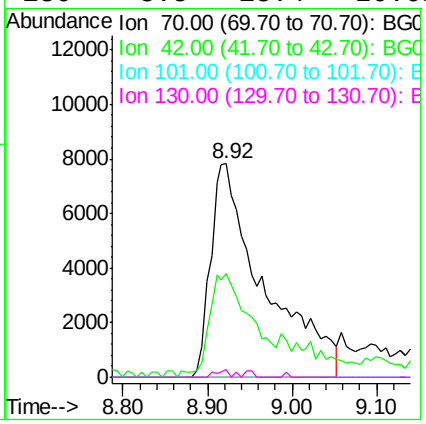


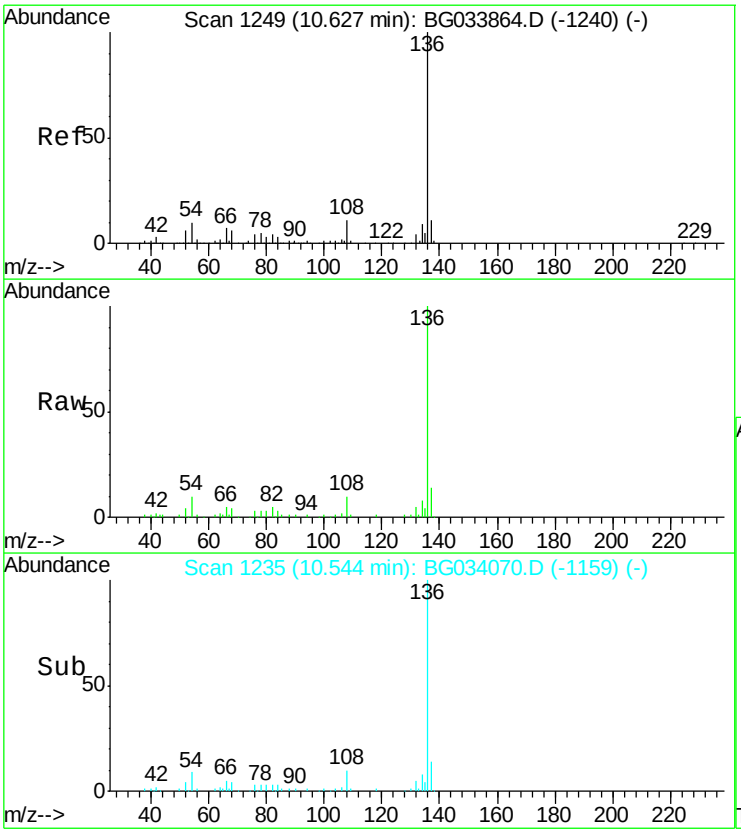
#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.28 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 34142

Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#

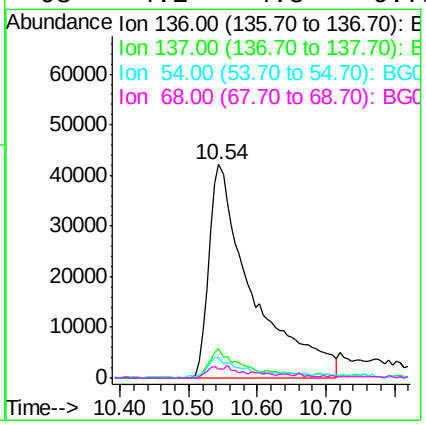


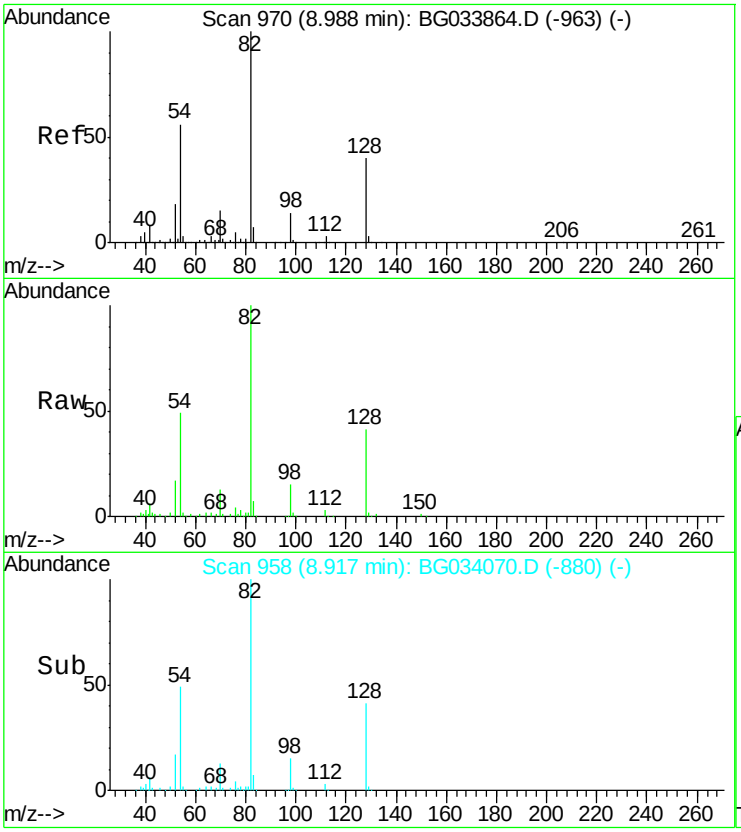


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.54 min Scan# 1235
Delta R.T. -0.08 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:136 Resp: 185087

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.2	13.8
54	9.7	10.3	15.5#
68	4.2	4.5	6.7#



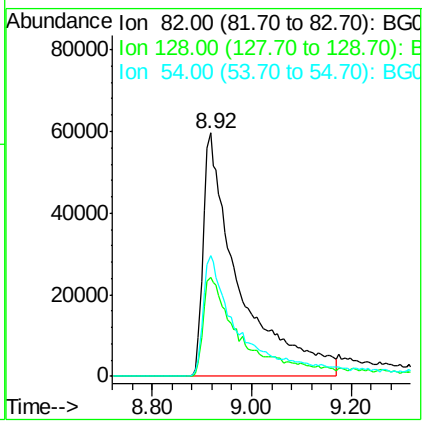


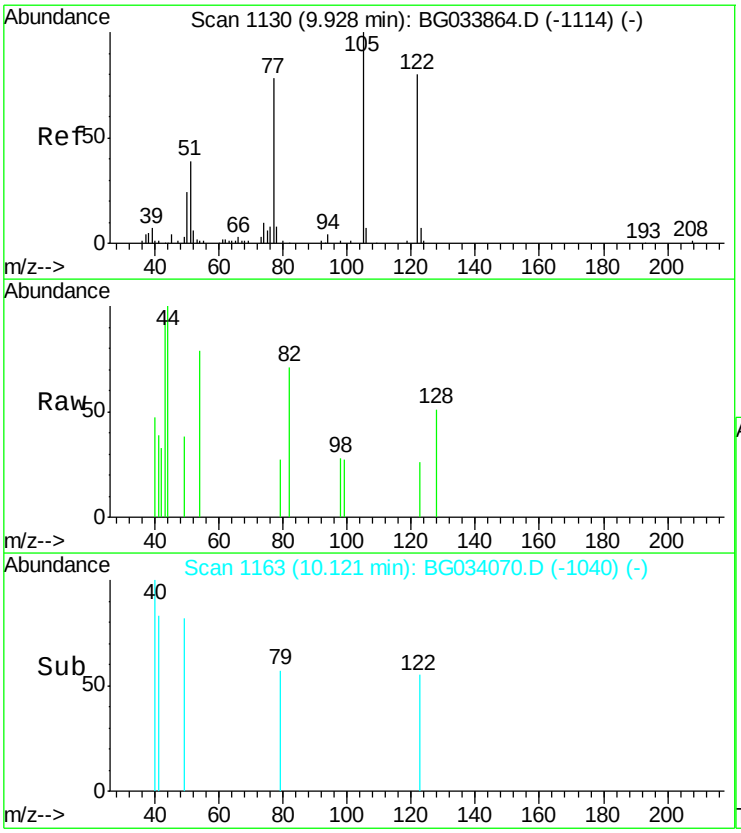
#23
Nitrobenzene-d5
Concen: 92.11 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.07 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 299567

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.7	44.5
54	49.4	43.1	64.7

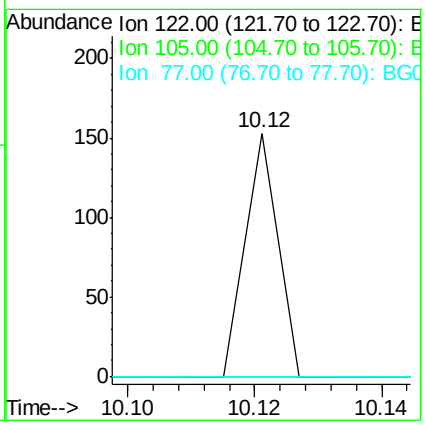


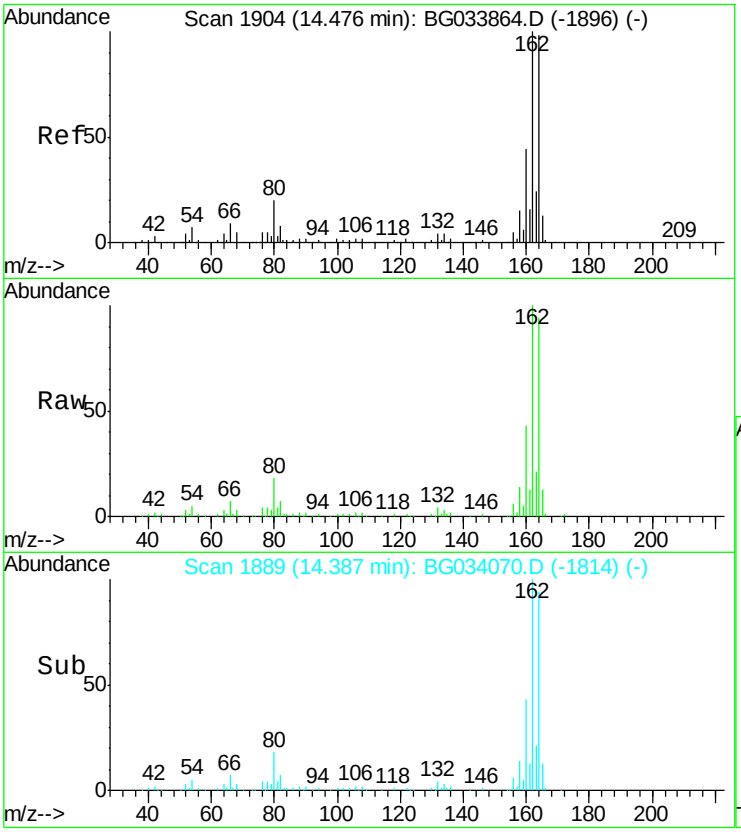


#32
Benzoic acid
Concen: 5.10 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.19 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:122 Resp: 54

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



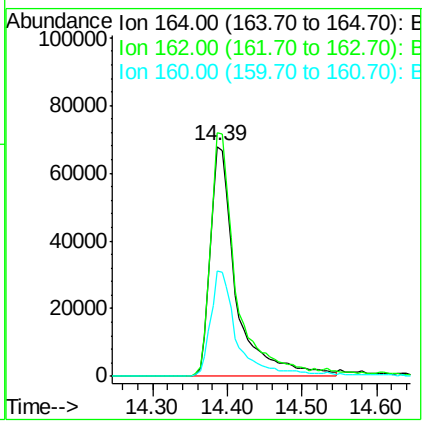


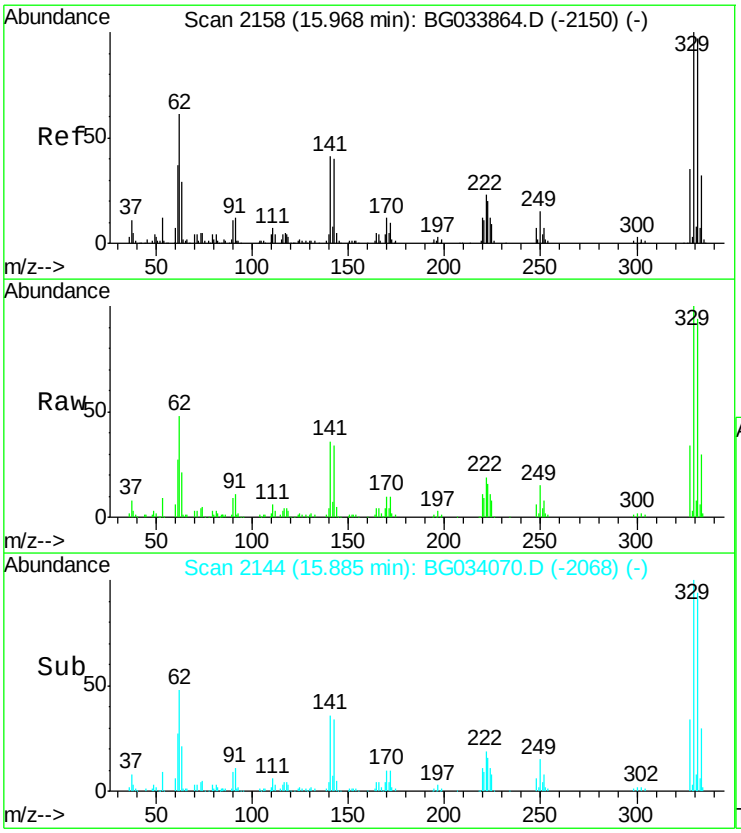
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 162885

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	45.7	35.4	53.0

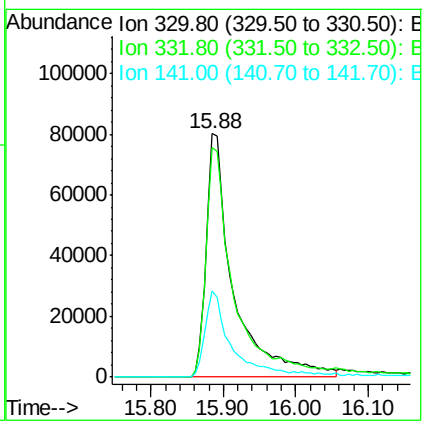


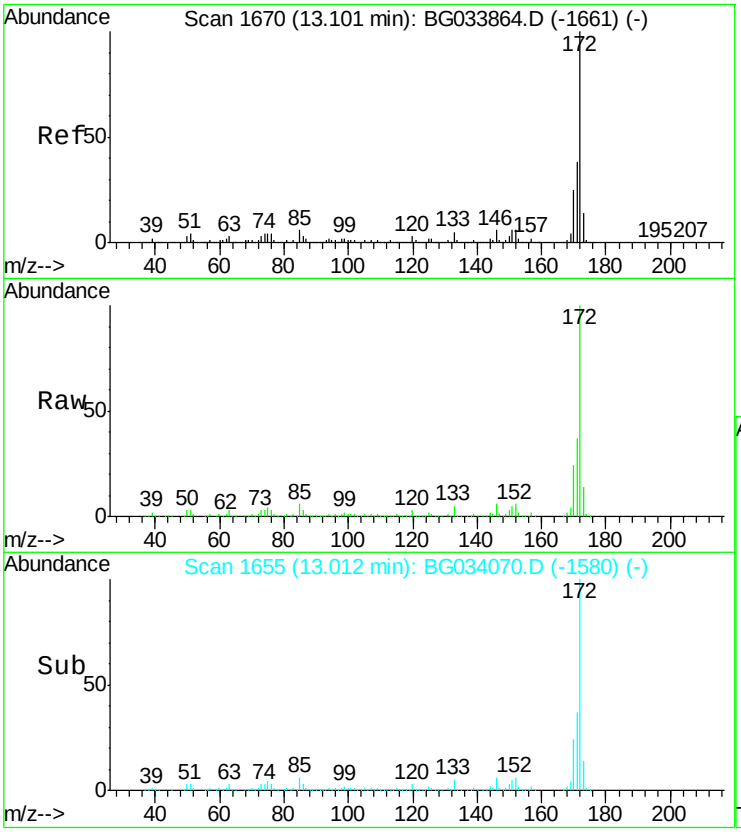


#41
2,4,6-Tribromophenol
Concen: 110.81 ng
RT: 15.88 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:330 Resp: 210582

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.0	25.2	37.8



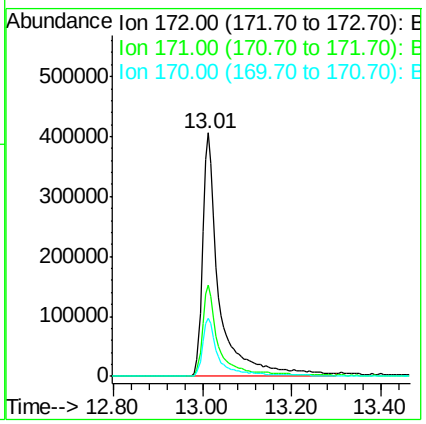


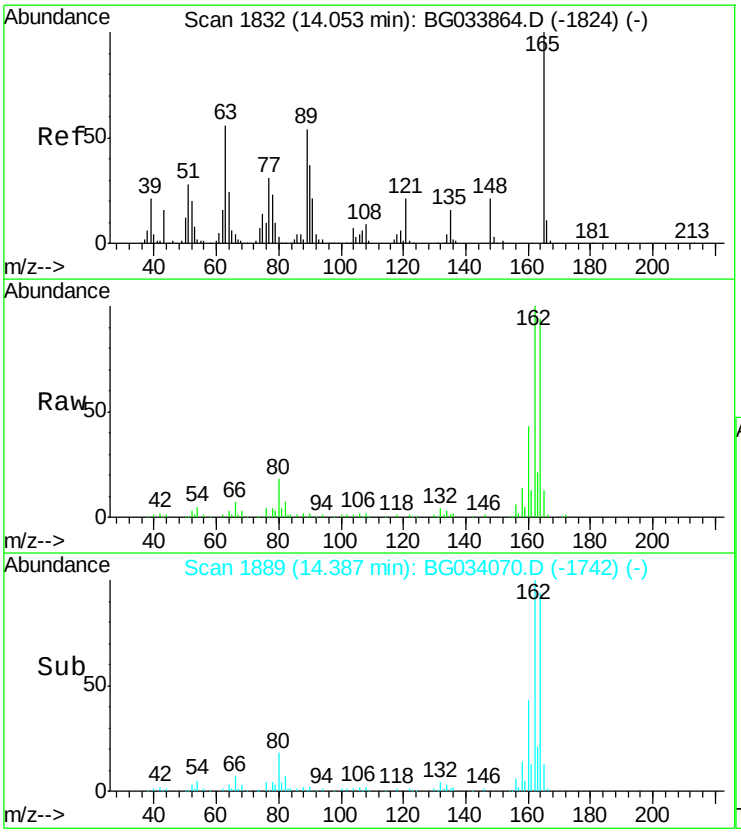
#44
2-Fluorobiphenyl
Concen: 96.88 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1074224

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.1	19.5	29.3

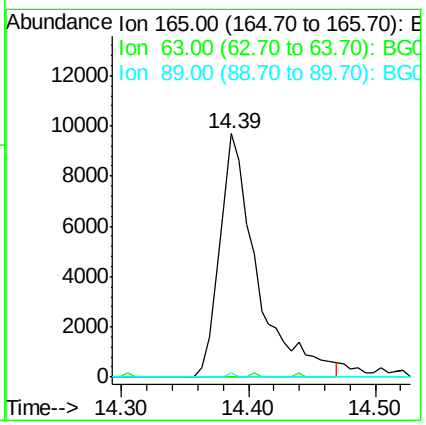


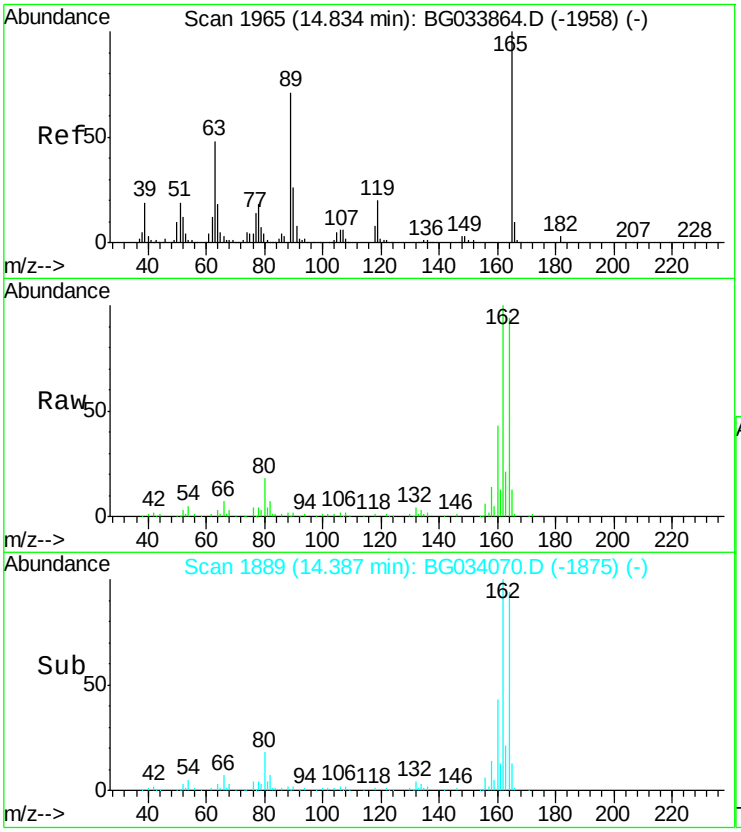


#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.33 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:165 Resp: 19915

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



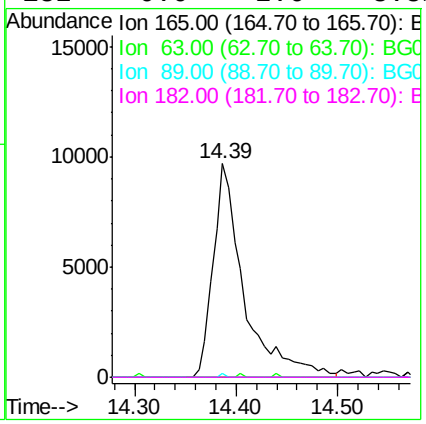


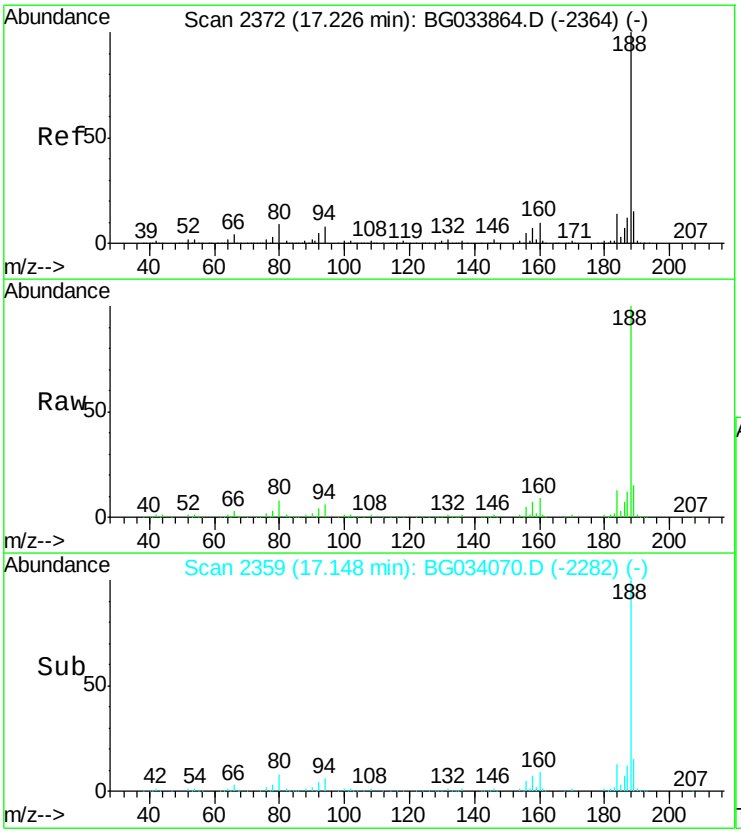
#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20474

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

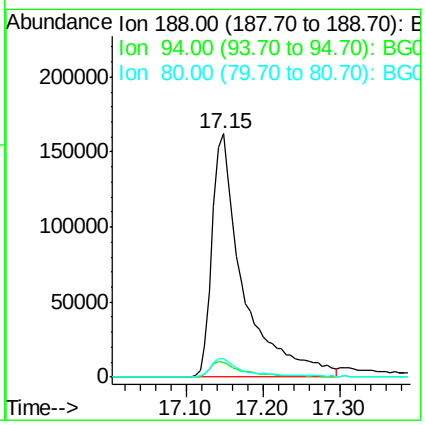


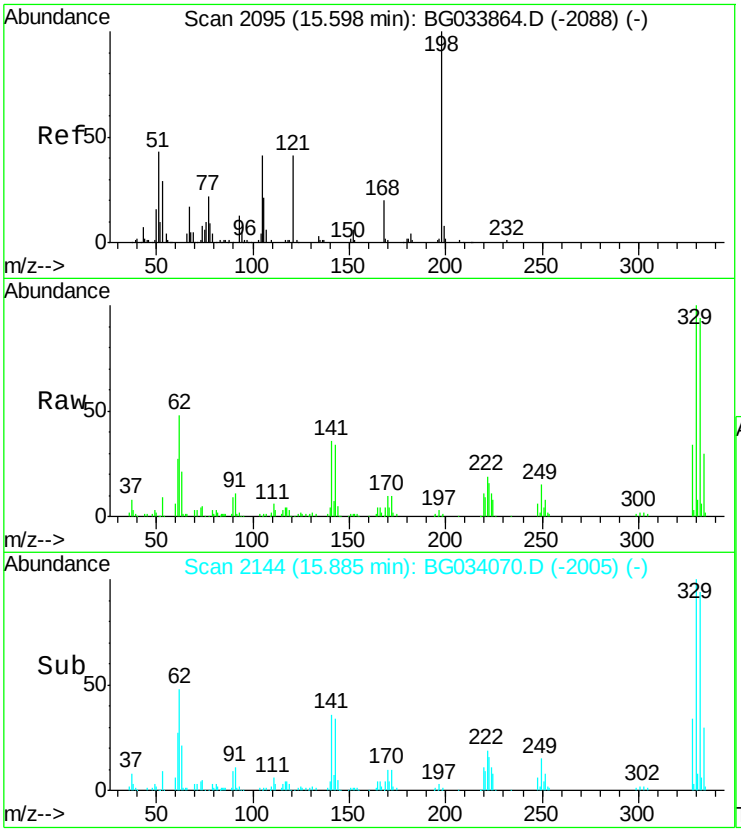


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:188 Resp: 453932

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.7	7.7	11.5#



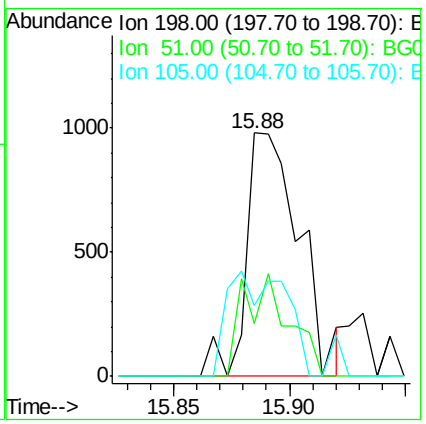


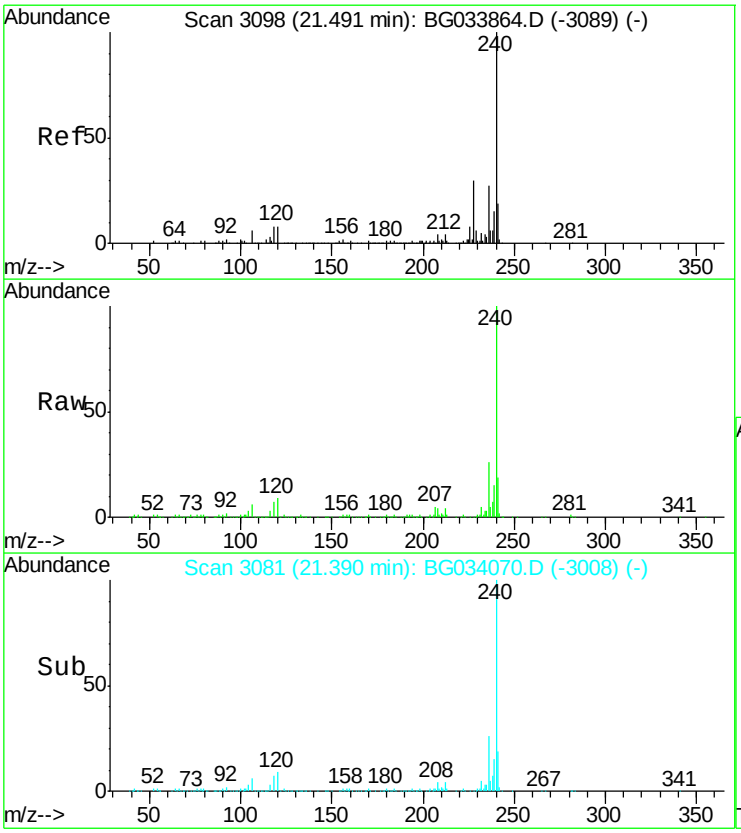
#64
4,6-Dinitro-2-methylphenol
Concen: 7.11 ng
RT: 15.88 min Scan# 2144
Delta R.T. 0.29 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1578

Ion	Ratio	Lower	Upper
198	100		
51	21.5	30.6	70.6#
105	29.4	23.8	63.8

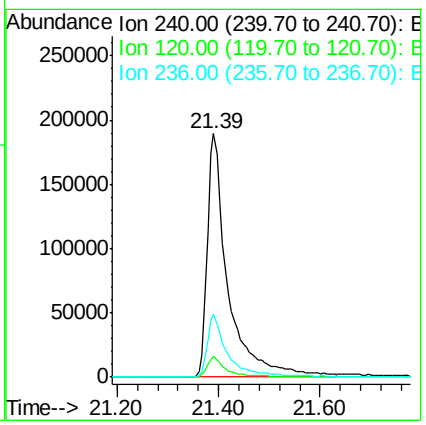


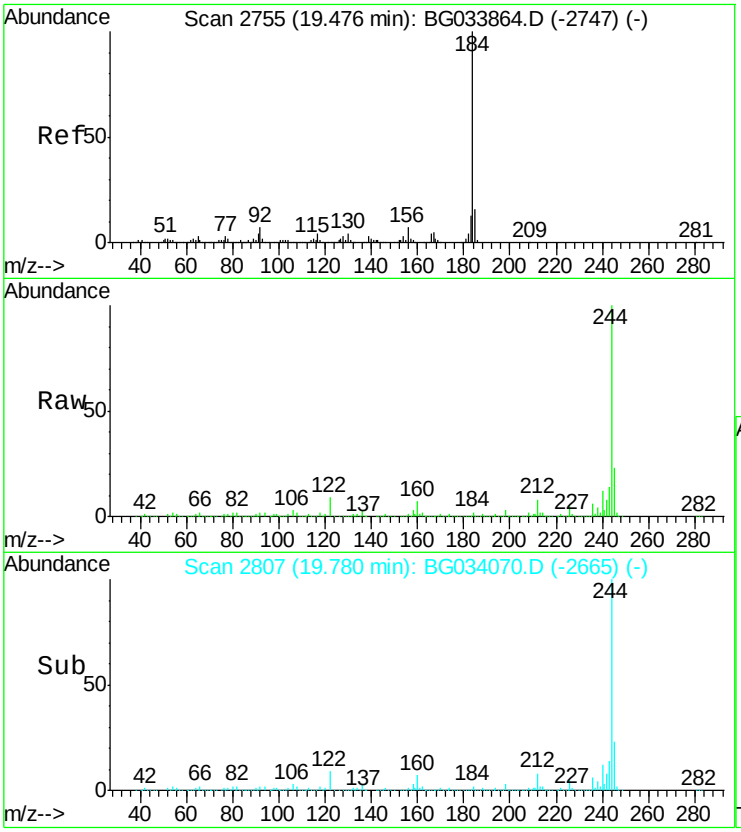


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:240 Resp: 538955

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	25.9	20.9	31.3



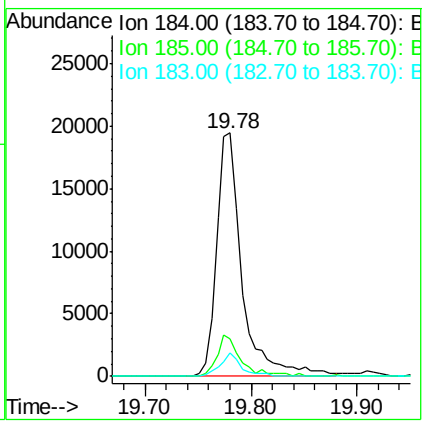


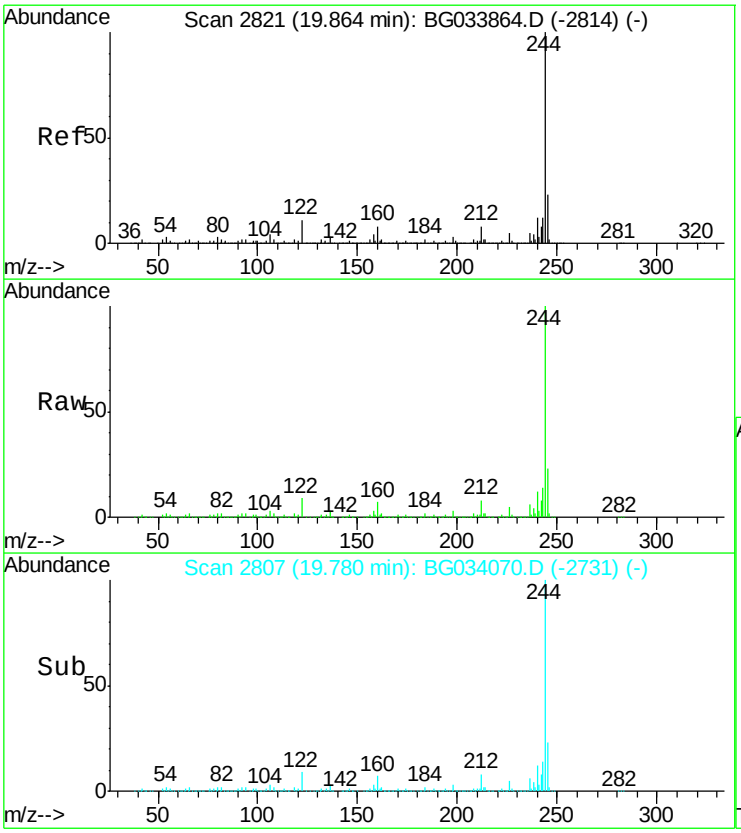
#76
Benzidine
Concen: 2.24 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.30 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 32656

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	9.5	10.6	16.0#

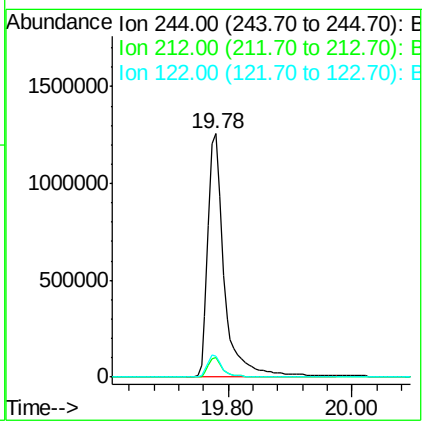


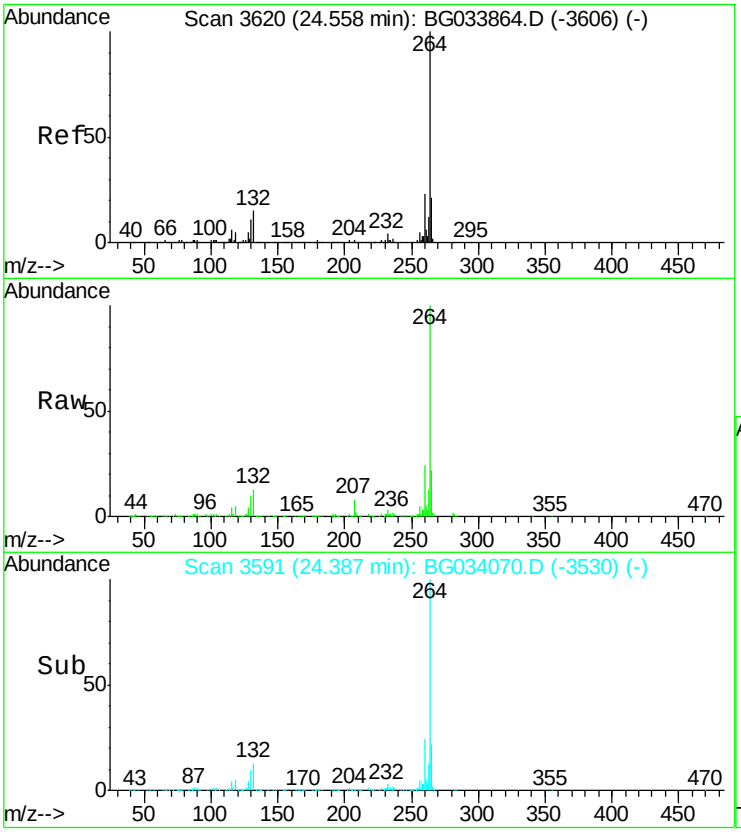


#78
Terphenyl-d14
Concen: 96.20 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Tgt Ion:244 Resp: 2307741

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	8.8	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034070.D
Acq: 28 Apr 2018 12:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 507633

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.4	17.7	26.5