Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033943.D
Acq On : 24 Apr 2018 6:07
Operator : SJ/JU
Sample : J2499-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 24 08:05:01 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	68338	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	291915	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	191558	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	527303	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	577875	20.00	ng	-0.02
86) Perylene-d12	24.52	264	565986	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	562165	131.33	ng	0.00
7) Phenol-d6	7.00	99	691385	110.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	500726	97.62	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	347307	155.41	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1219593	93.53	ng	-0.02
78) Terphenyl-d14	19.85	244	2279975	88.64	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1369	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	69474	13.055	ng	# 78
31) Naphthalene	10.66	128	30044	2.001	ng	98
32) Benzoic acid	9.92	122	146	5.116	ng	# 69
50) 2,6-Dinitrotoluene	14.46	165	25009	7.832	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	25009	5.889	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.93	198	100	6.523	ng	# 64
66) 4-Bromophenyl-phenylether	15.95	248	13397	2.313	ng	# 1
76) Benzidine	19.85	184	37434	2.399	ng	# 92

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Apr 2018 6:07
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ALS Vial : 28 Sample Multiplier: 1

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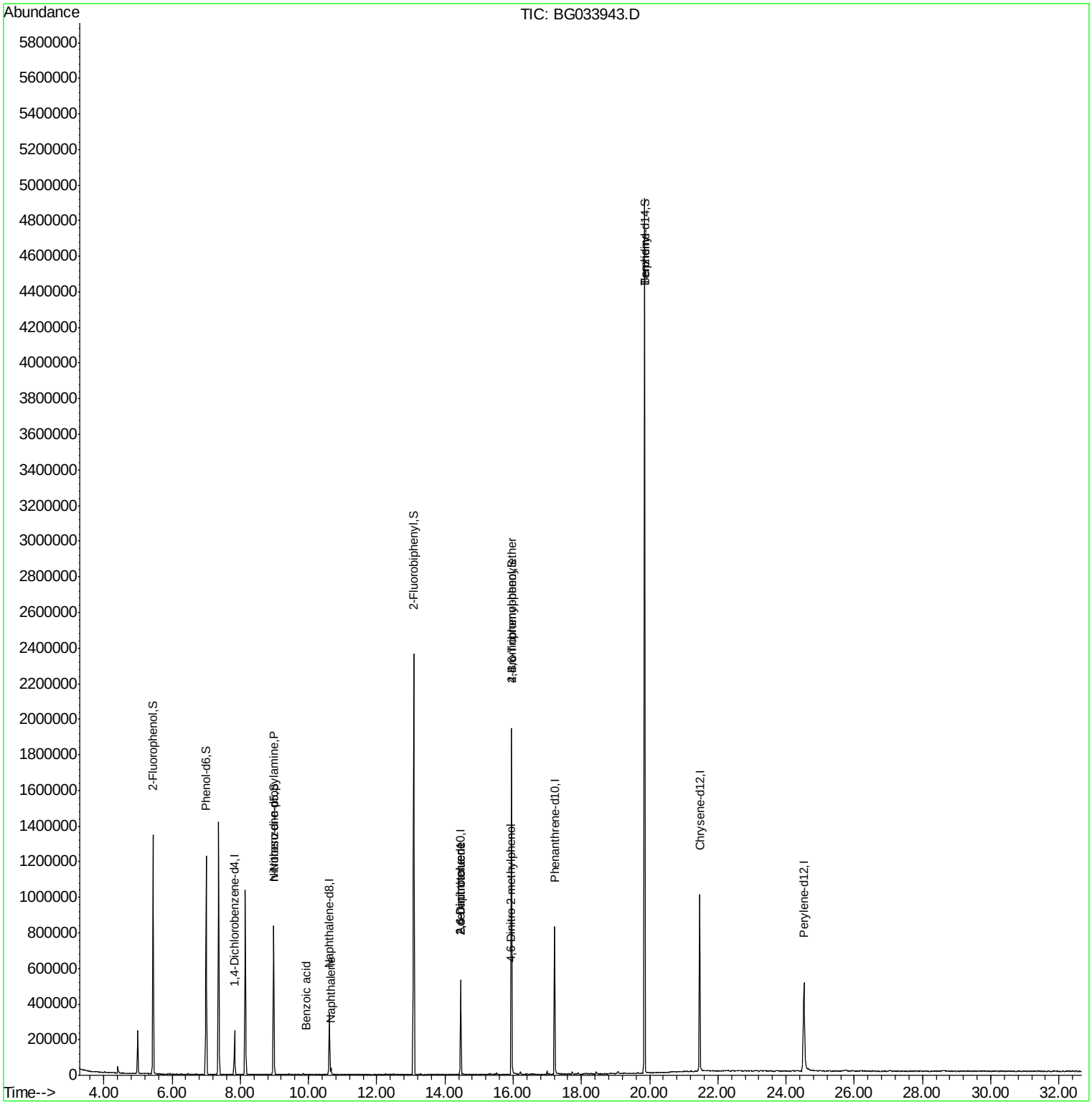
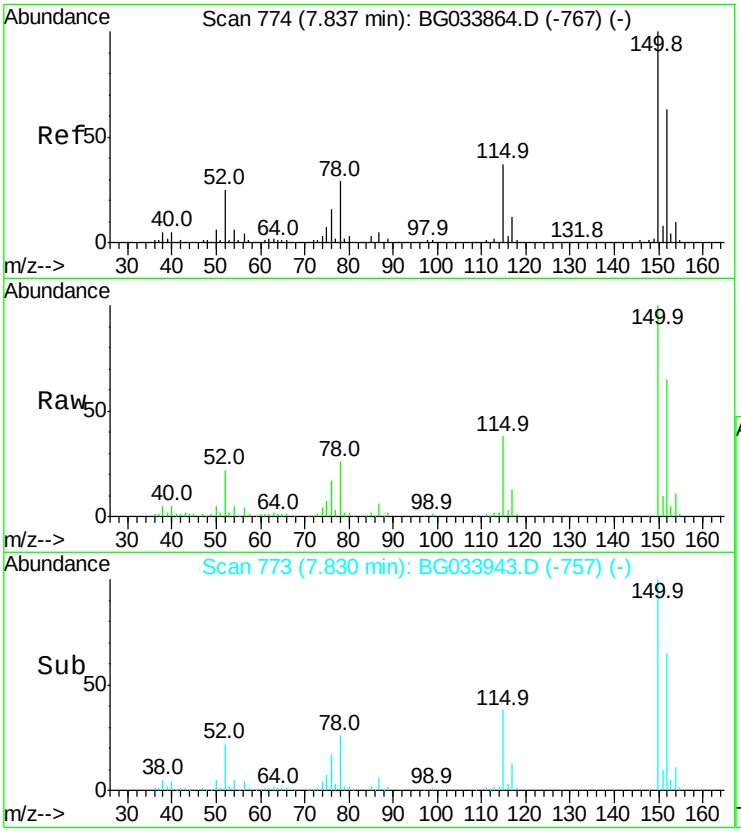


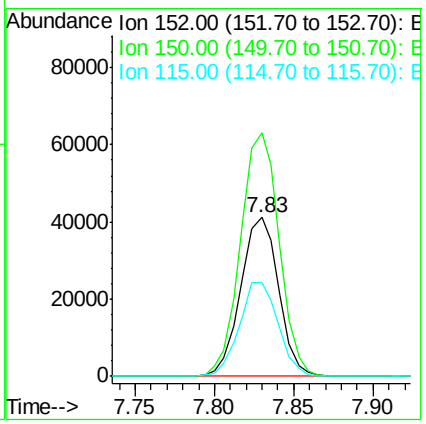


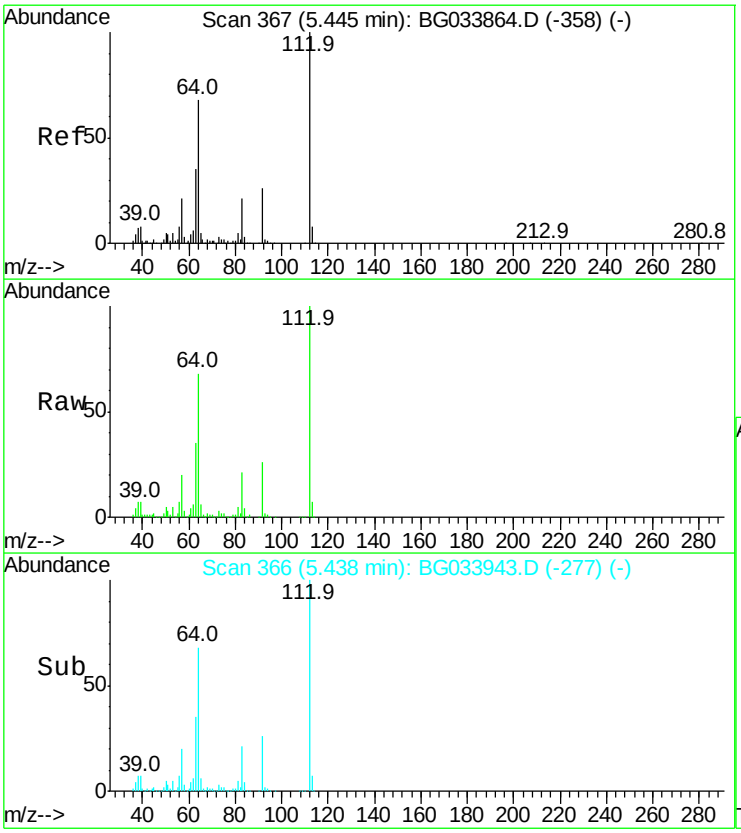
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68338

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	58.8	53.0	79.4

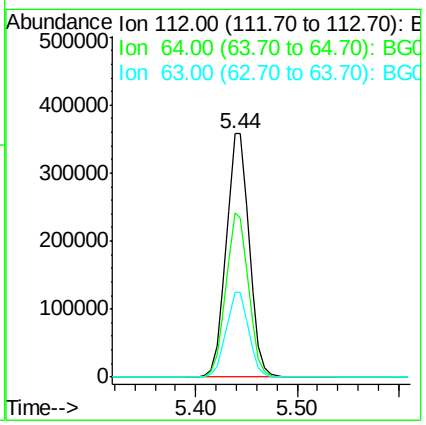


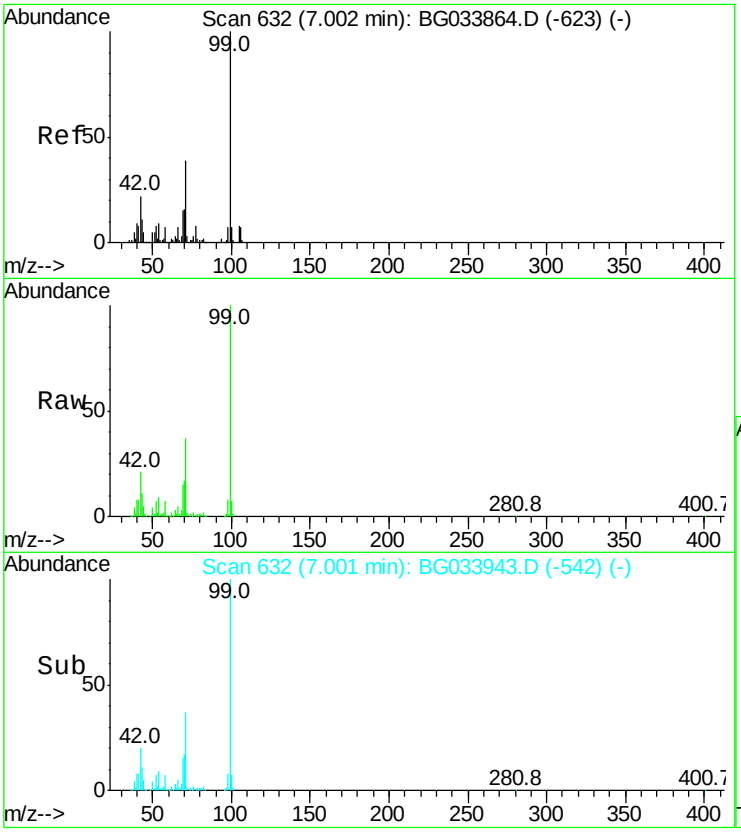


#5
2-Fluorophenol
Concen: 131.335 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:112 Resp: 562165

Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	34.9	30.1	45.1



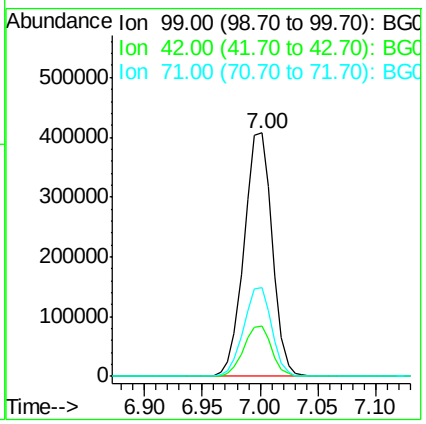


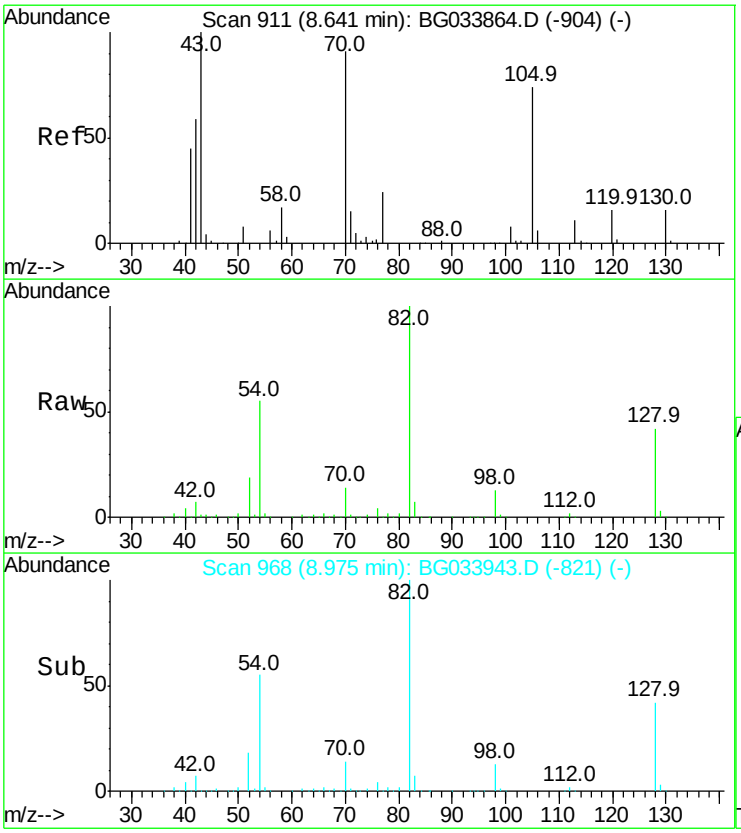
#7
Phenol-d6
Concen: 110.742 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 691385

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	36.6	26.1	39.1

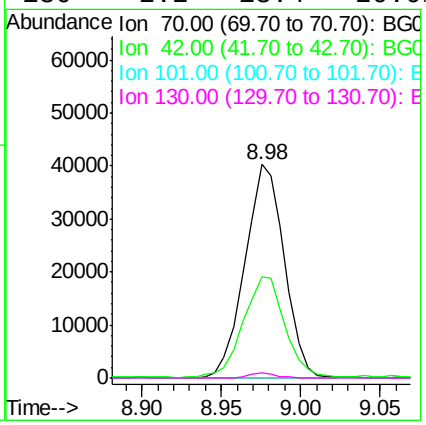


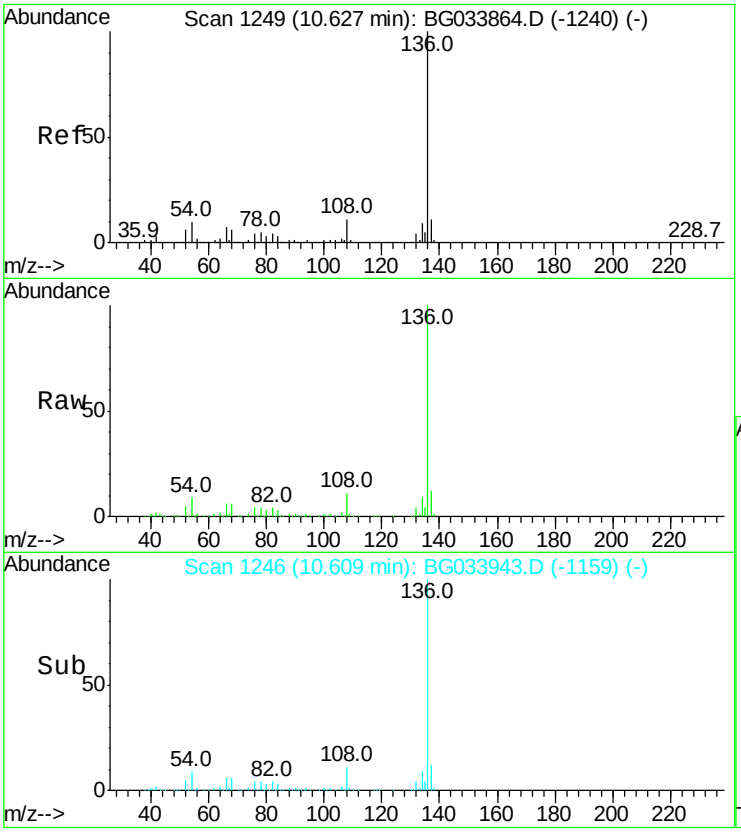


#19
n-Nitroso-di-n-propylamine
Concen: 13.055 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.33 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion: 70 Resp: 69474

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



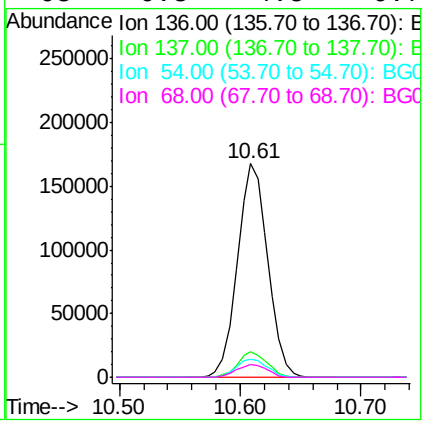


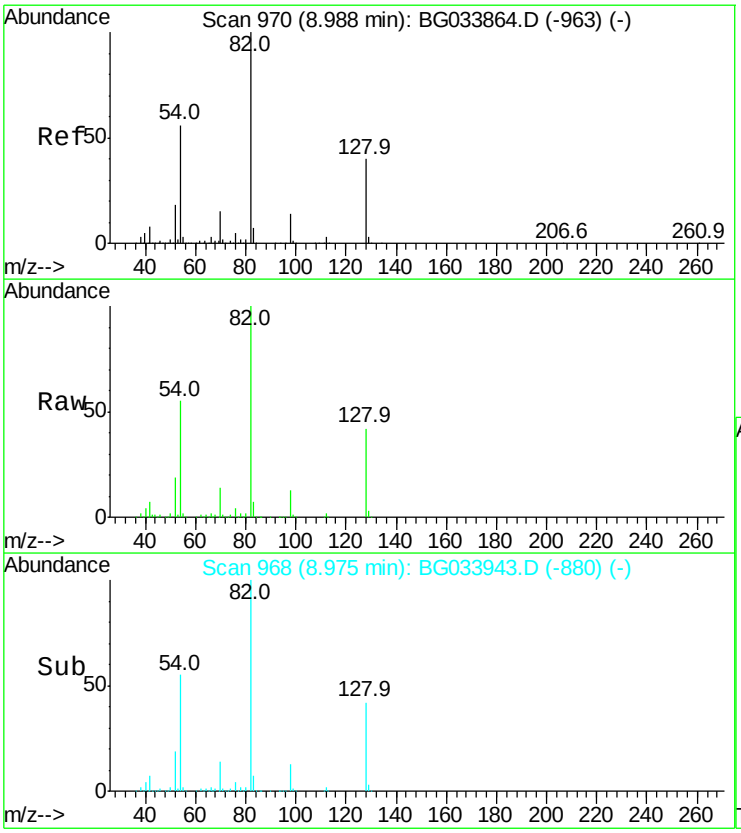
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 291915

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.6	10.3	15.5#
68	6.3	4.5	6.7

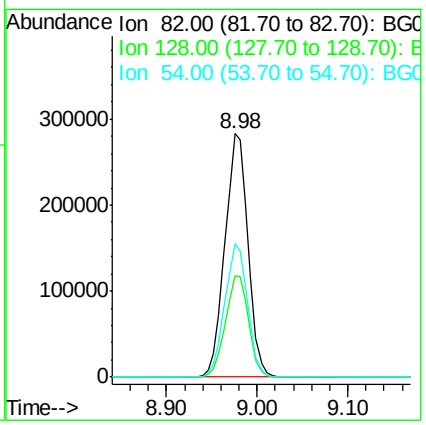


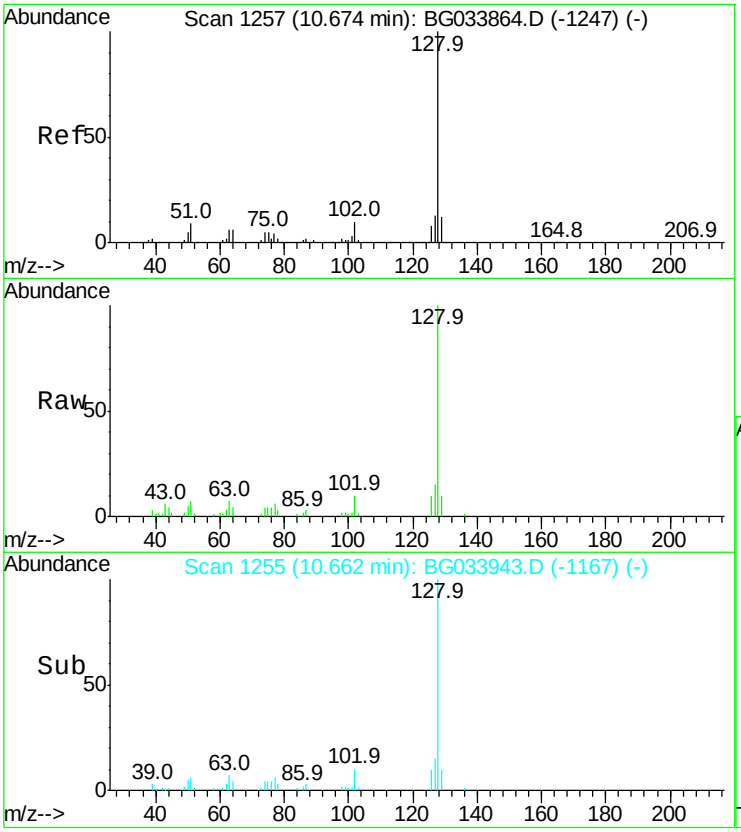


#23
Nitrobenzene-d5
Concen: 97.618 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion: 82 Resp: 500726

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.7	44.5
54	54.7	43.1	64.7



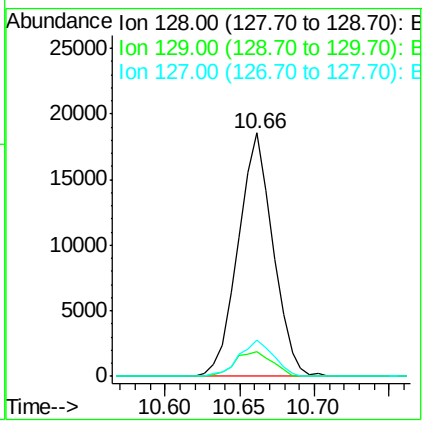


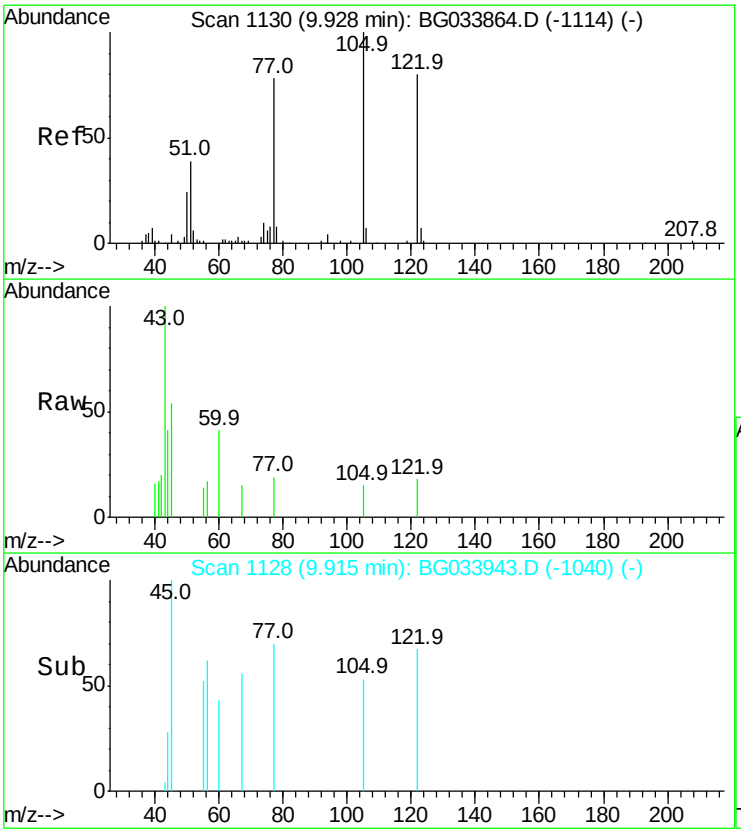
#31
Naphthalene
Concen: 2.001 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 30044

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	15.1	11.6	17.4

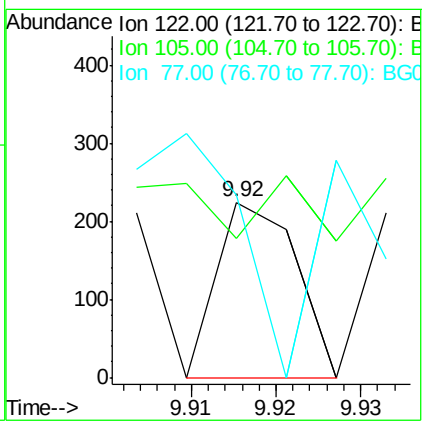


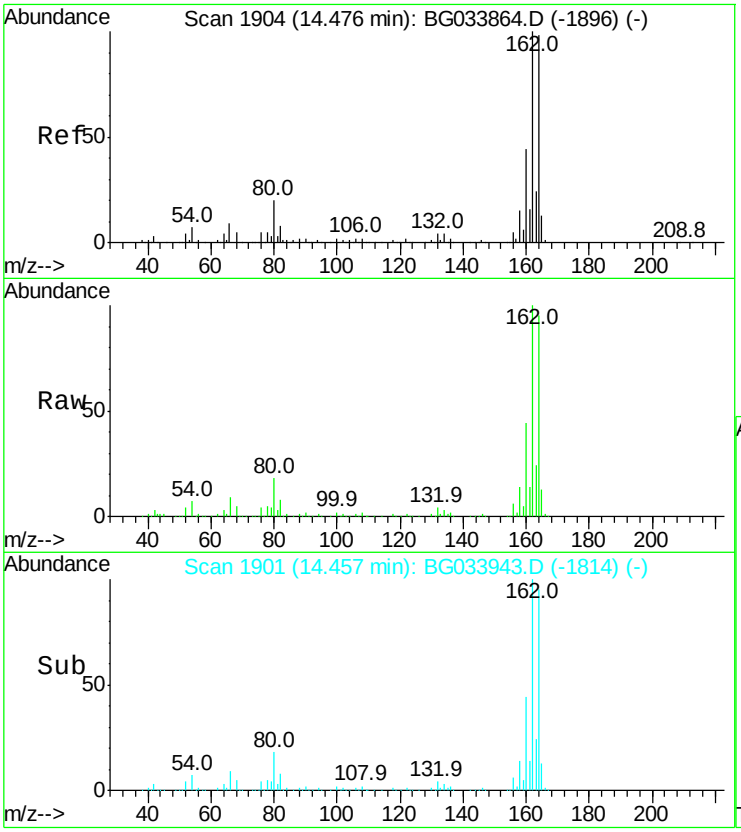


#32
Benzoic acid
Concen: 5.116 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	79.5	123.5	163.5#
77	104.0	85.7	125.7



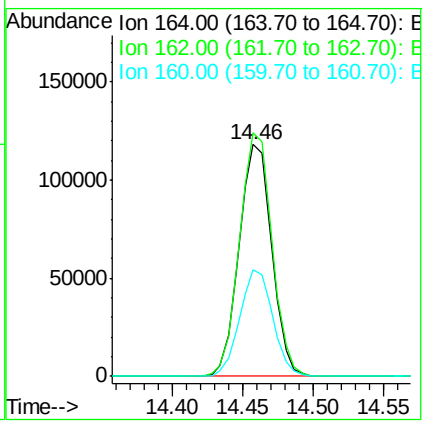


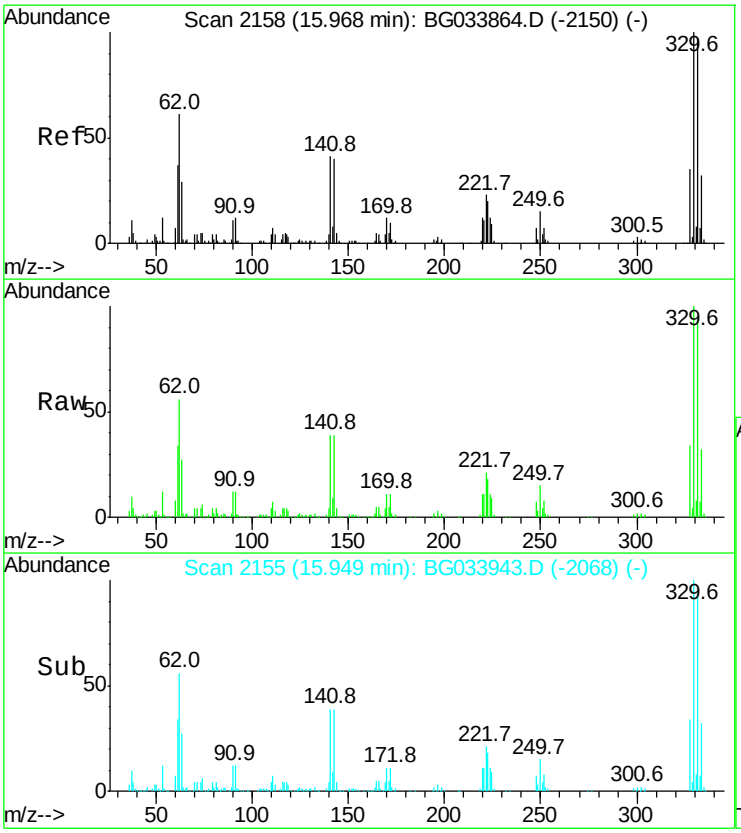
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 191558

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.3	35.4	53.0

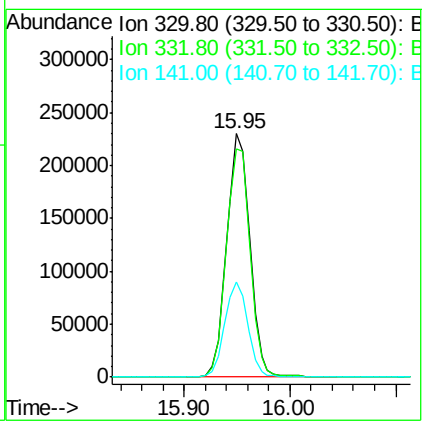


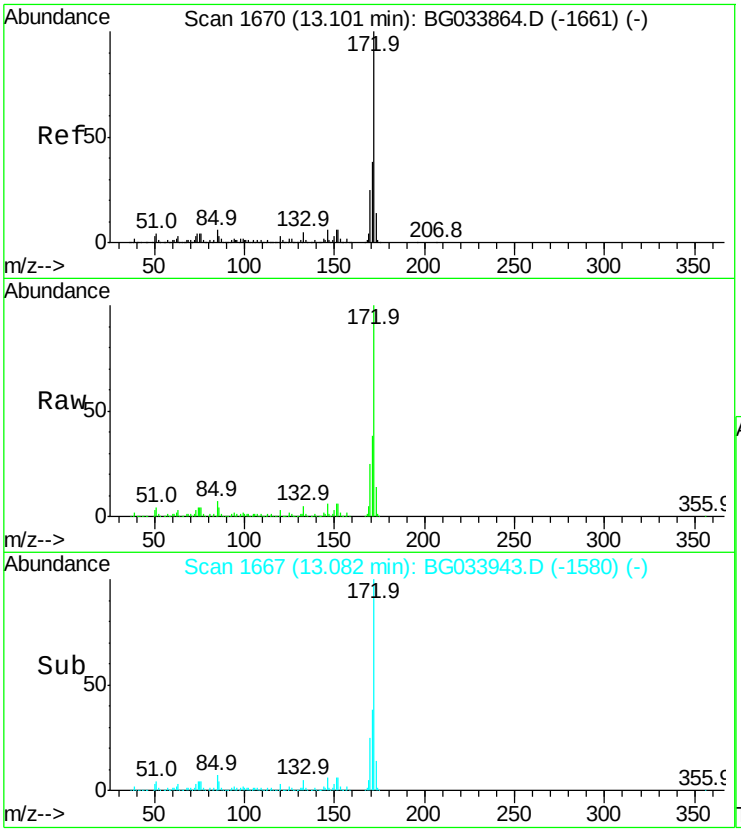


#41
2,4,6-Tribromophenol
Concen: 155.406 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:330 Resp: 347307

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	39.2	25.2	37.8#



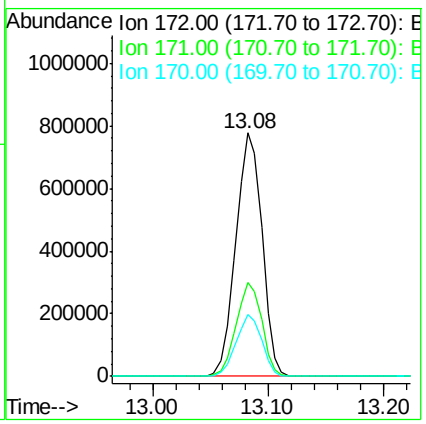


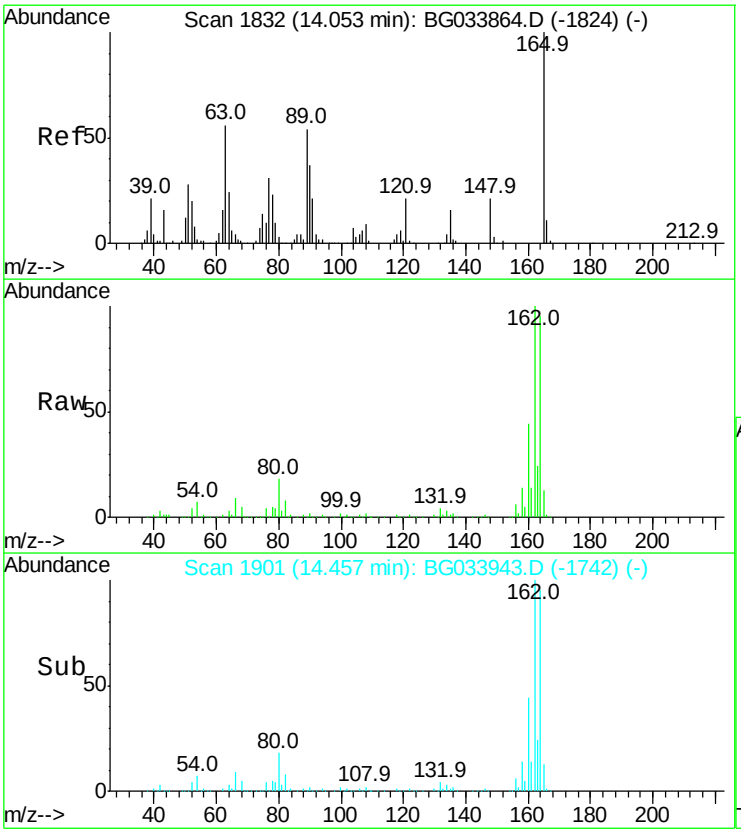
#44
2-Fluorobiphenyl
Concen: 93.528 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1219593

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.4	19.5	29.3

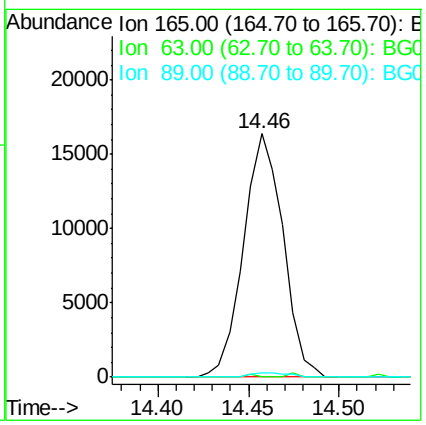


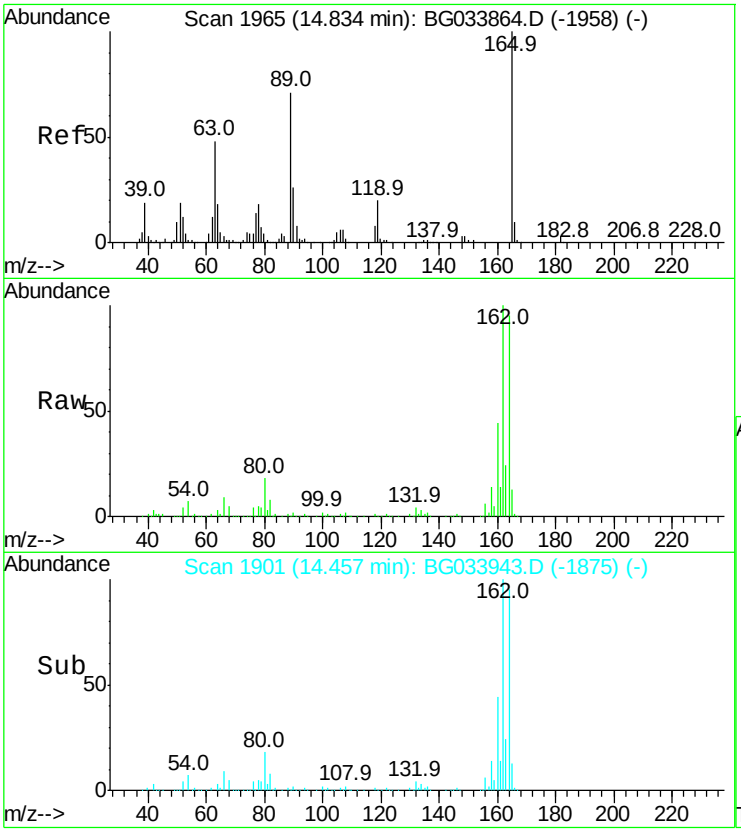


#50
2,6-Dinitrotoluene
Concen: 7.832 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:165 Resp: 25009

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



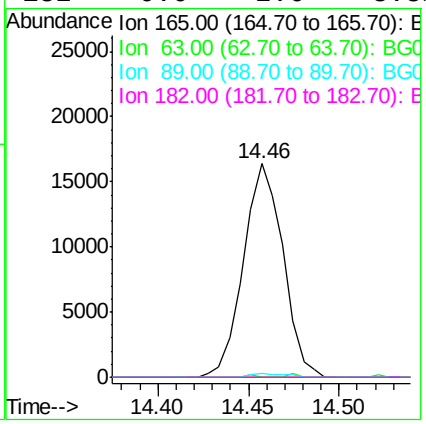


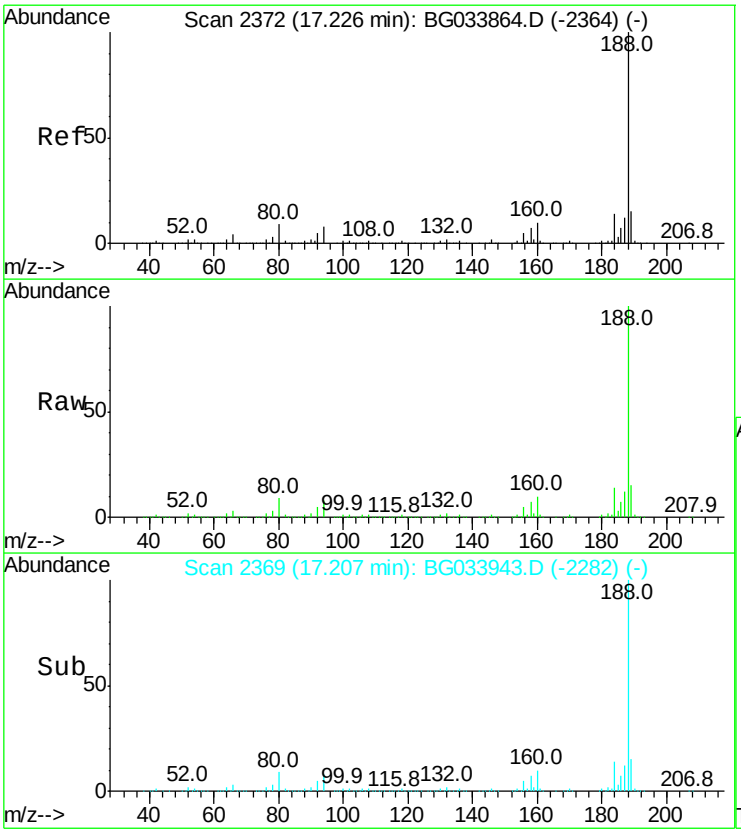
#56
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25009

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#

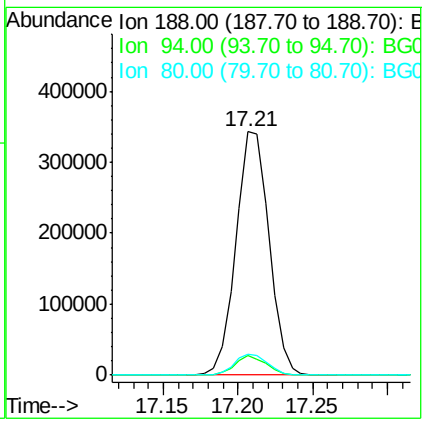


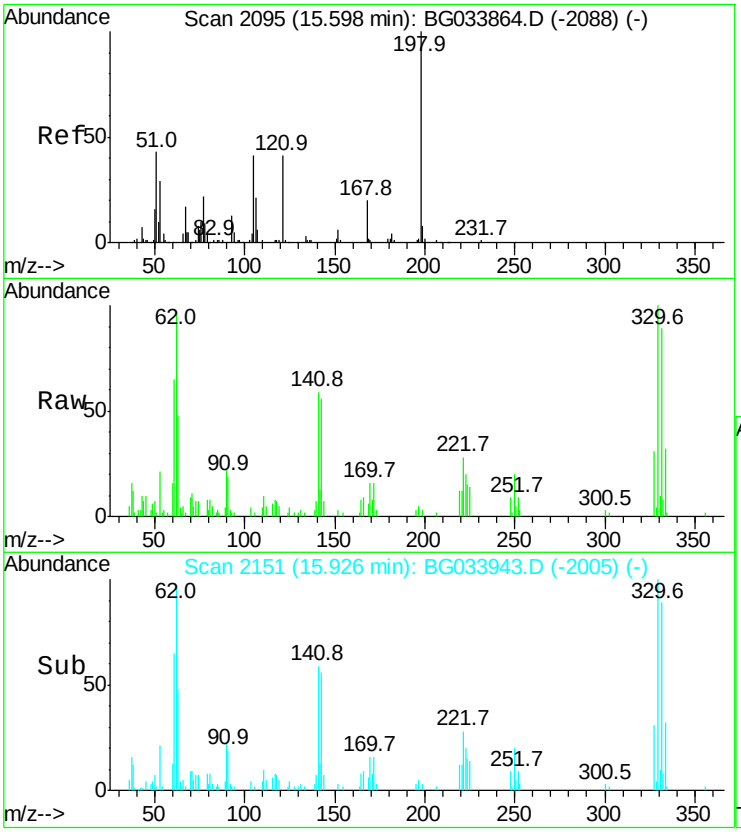


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:188 Resp: 527303

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.8	7.7	11.5



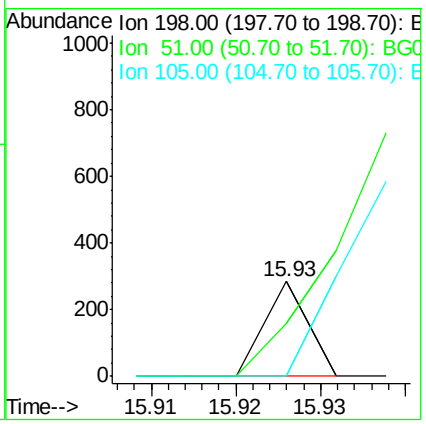


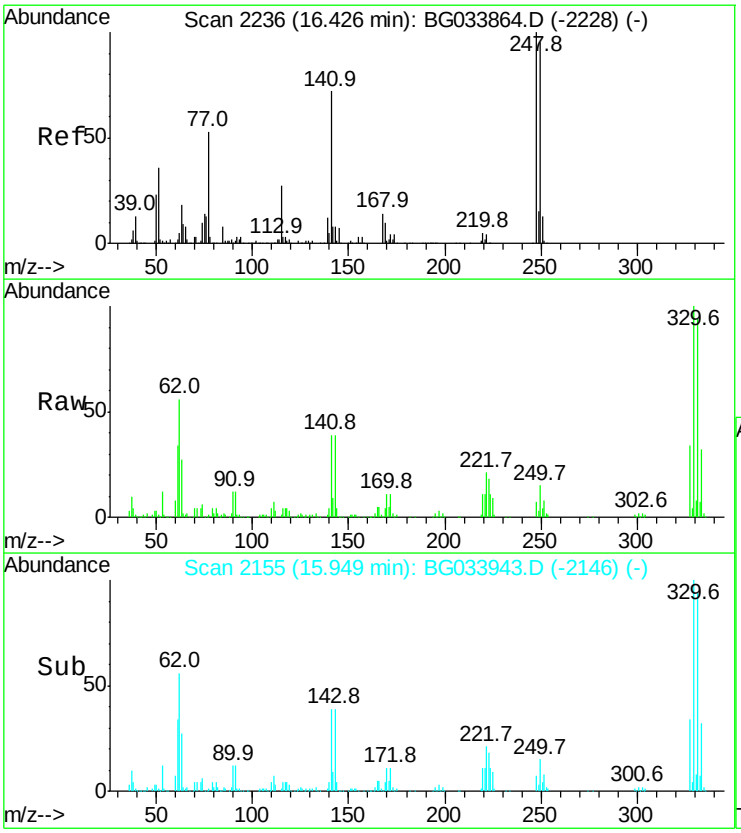
#64
4,6-Dinitro-2-methylphenol
Concen: 6.523 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.33 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 100

Ion	Ratio	Lower	Upper
198	100		
51	55.8	30.6	70.6
105	0.0	23.8	63.8#

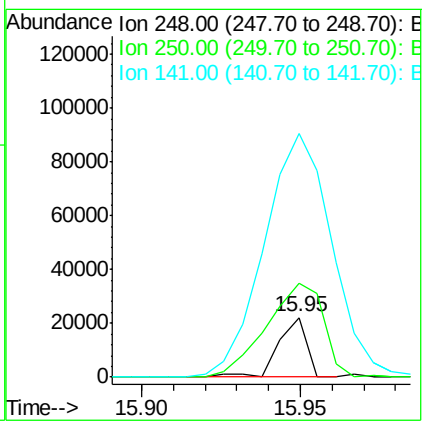


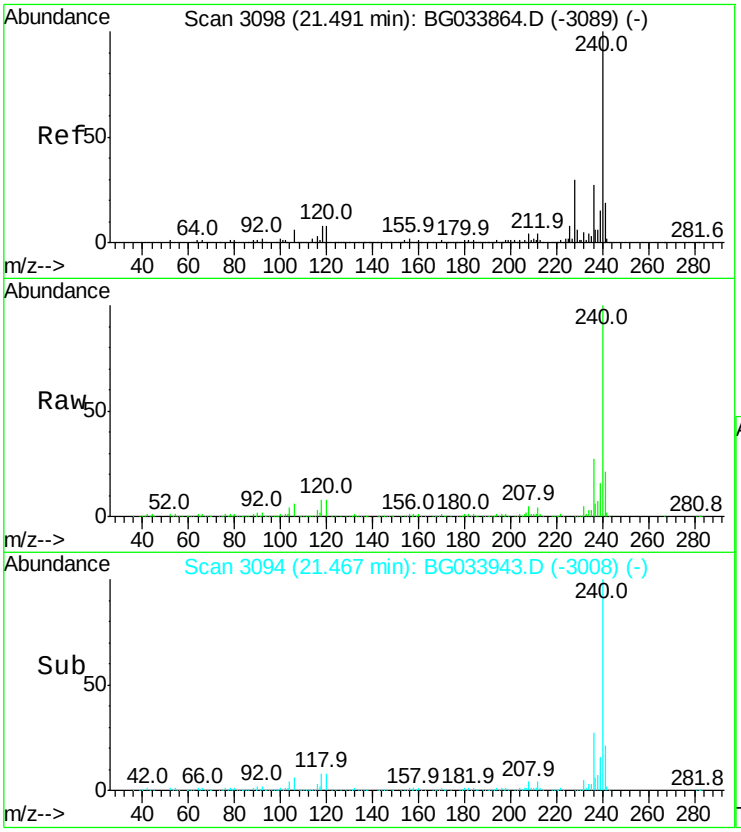


#66
4-Bromophenyl-phenylether
Concen: 2.313 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:248 Resp: 13397

Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.1	115.7#
141	407.8	50.8	76.2#



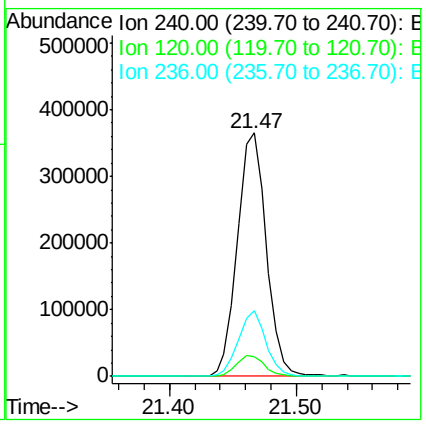


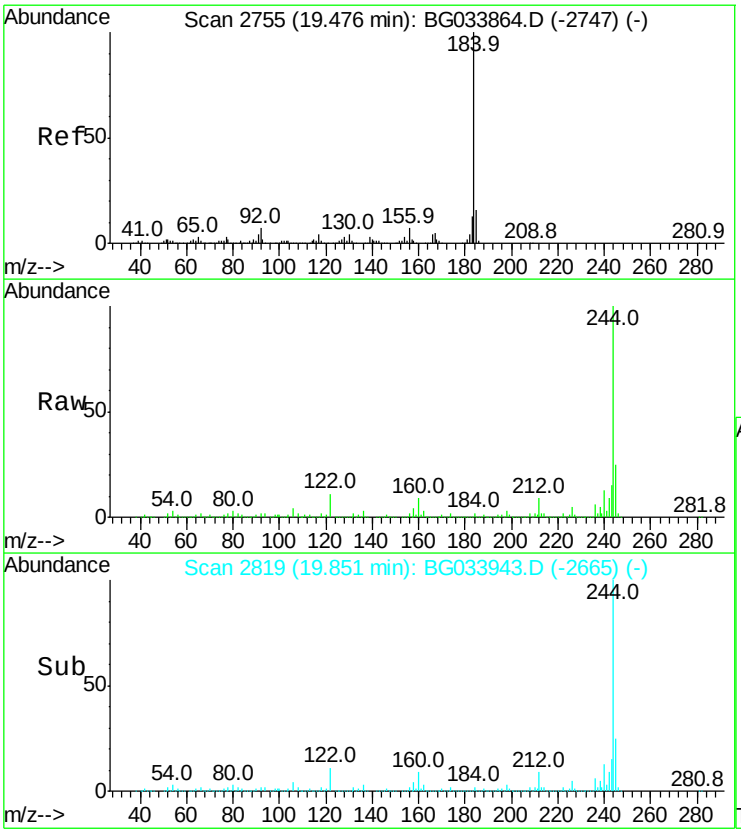
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 577875

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	26.8	20.9	31.3

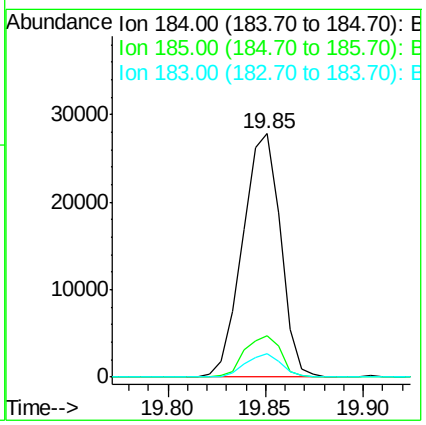


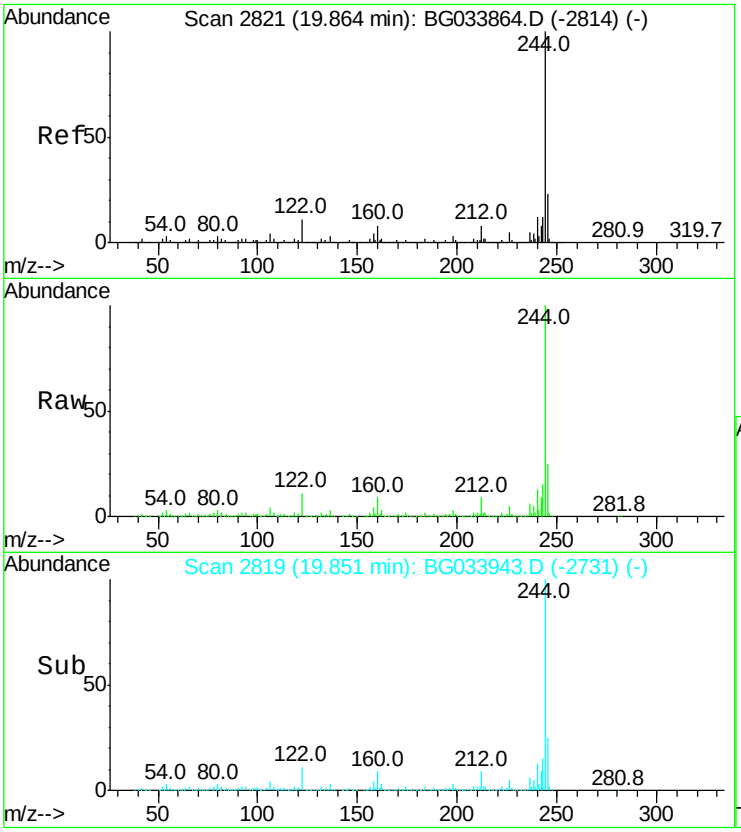


#76
Benzidine
Concen: 2.399 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.37 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:184 Resp: 37434

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.1	16.7#
183	9.5	10.6	16.0#



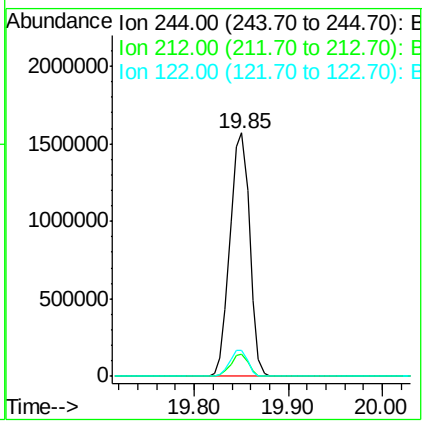


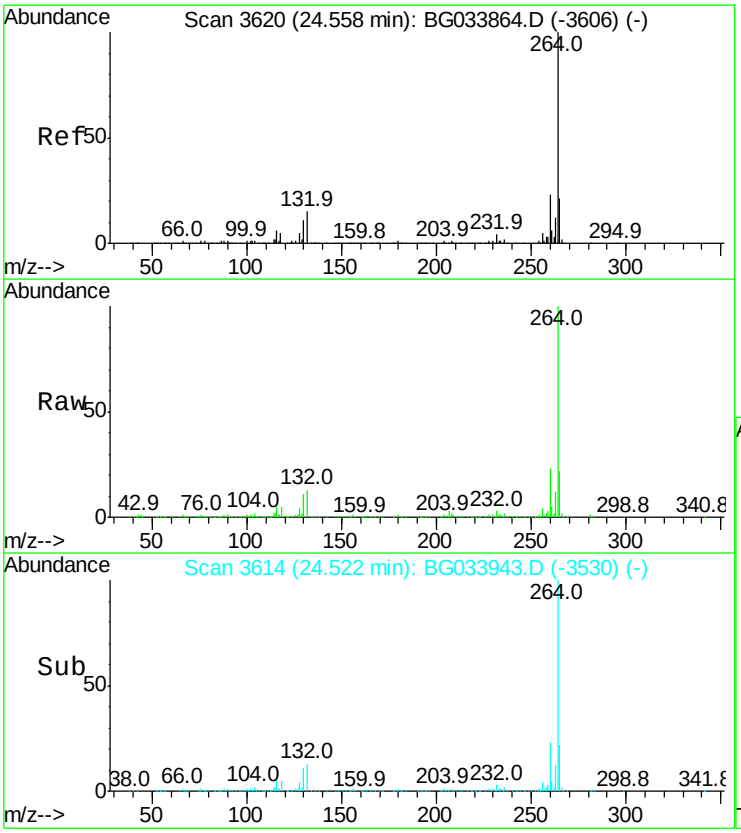
#78
Terphenyl-d14
Concen: 88.639 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2279975

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Tgt Ion:264 Resp: 565986

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.6	17.7	26.5