Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032964.D
Acq On : 3 Mar 2018 3:35
Operator : SJ/JU
Sample : PB107023TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 04:34:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.94	152	55436	20.00	ng	0.02
21) Naphthalene-d8	11.81	136	242974	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	139065	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	328241	20.00	ng	0.00
75) Chrysene-d12	22.62	240	314384	20.00	ng	0.00
86) Perylene-d12	26.44	264	306860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.35	112	359093	103.63	ng	0.02
7) Phenol-d6	8.03	99	475649	98.48	ng	0.00
23) Nitrobenzene-d5	10.13	82	271789	78.49	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	139863	95.65	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	617484	64.04	ng	0.00
78) Terphenyl-d14	20.78	244	948322	67.77	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.13	70	35052	10.280	ng	# 80
24) Nitrobenzene	10.13	77	843	6.569	ng	# 35
47) 2-Nitroaniline	14.17	65	1015	10.188	ng	# 2
50) 2,6-Dinitrotoluene	15.54	165	17957	16.383	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	17957	14.581	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	396	5.462	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	10310	2.970	ng	# 1

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

Quantitation Report (Not Reviewed)

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Data File : BG032964.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
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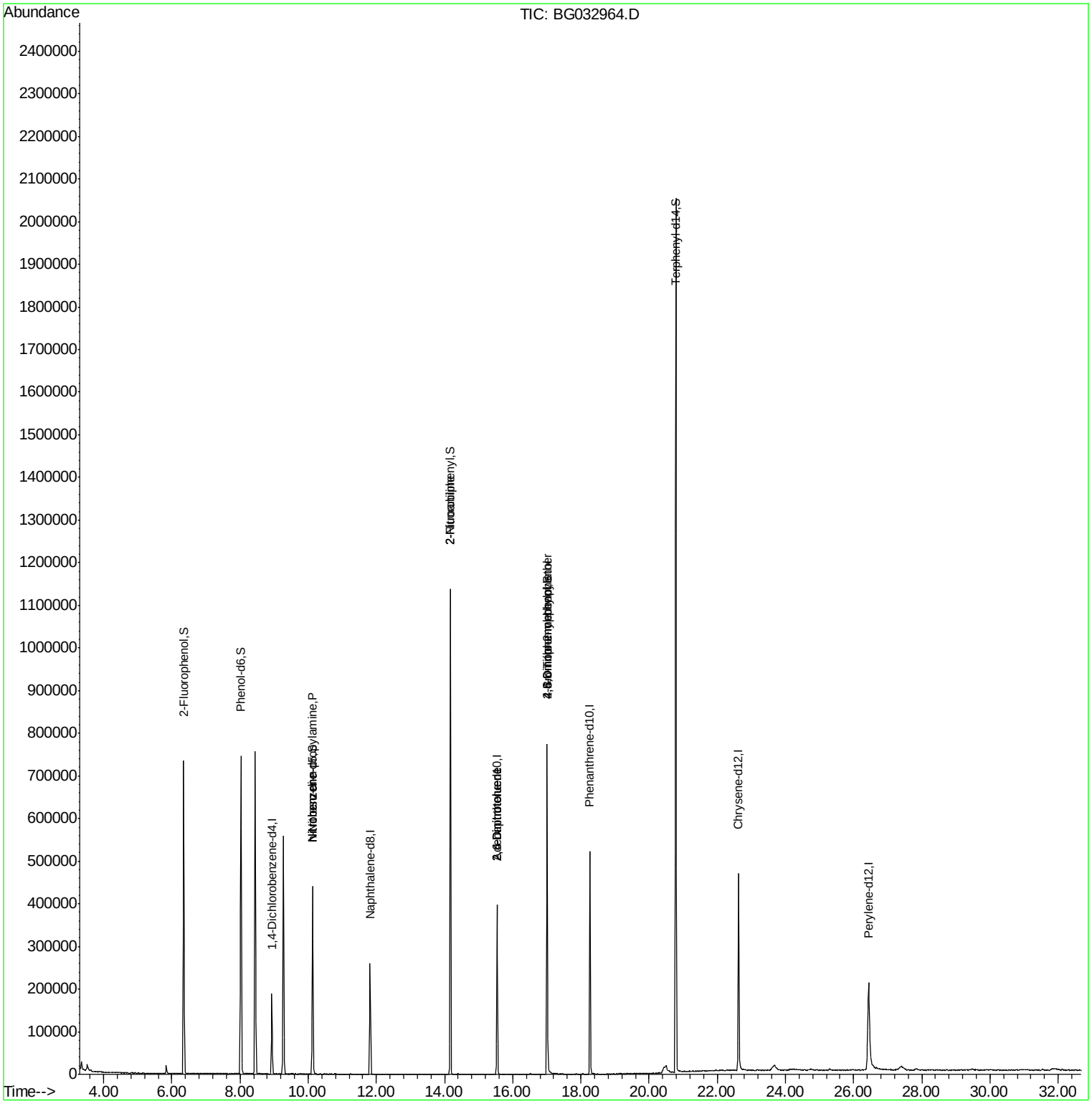
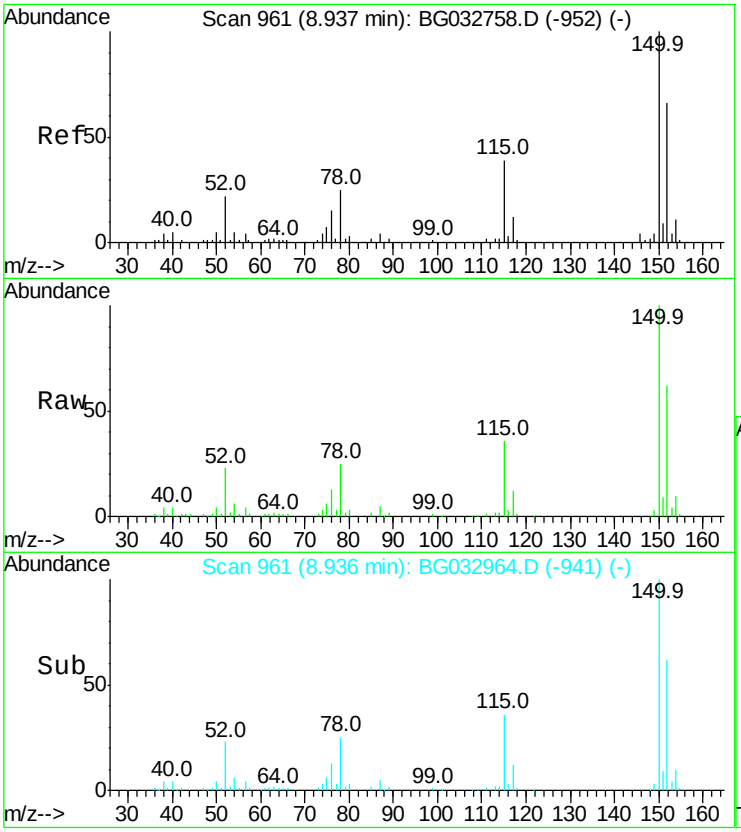


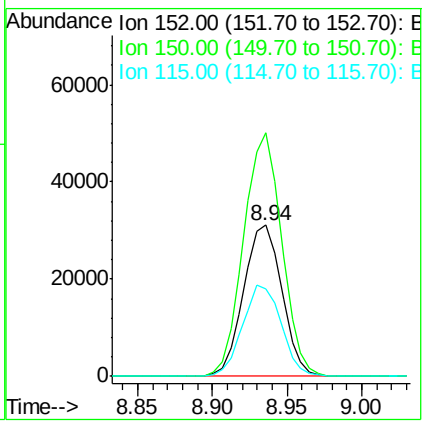


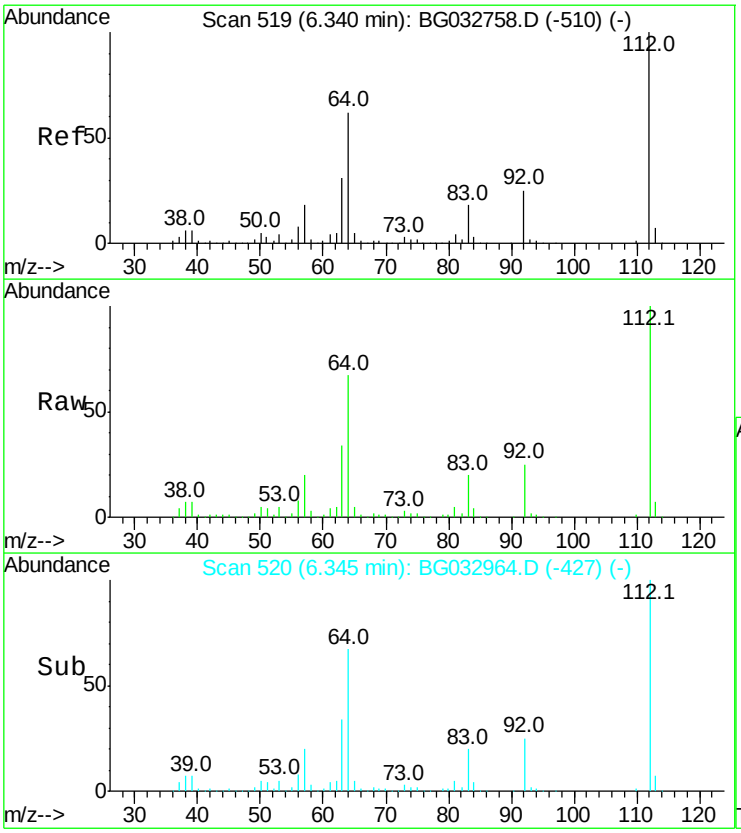
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.02 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55436

Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.6	189.8
115	58.1	53.0	79.4

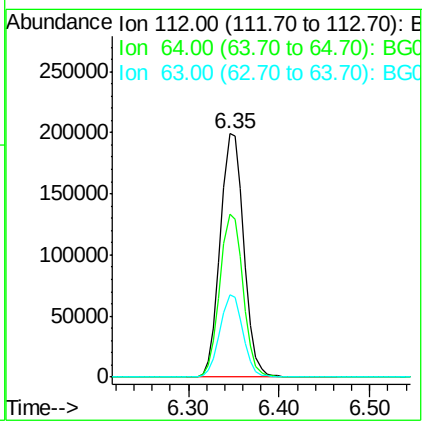


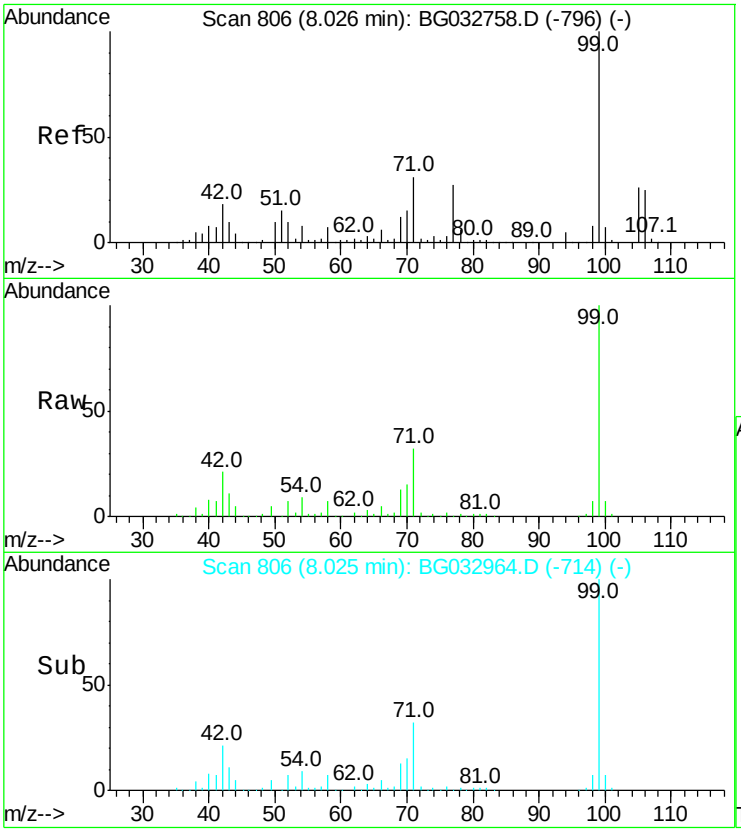


#5
2-Fluorophenol
Concen: 103.632 ng
RT: 6.35 min Scan# 520
Delta R.T. 0.02 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:112 Resp: 359093

Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.3	84.5
63	33.7	30.1	45.1



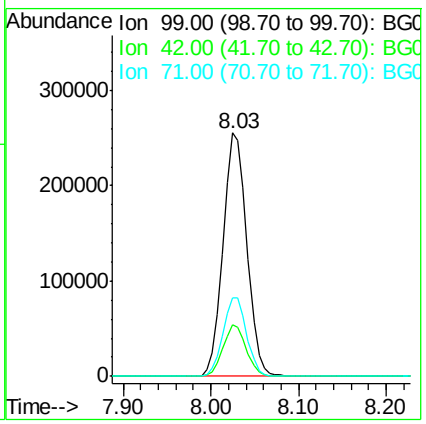


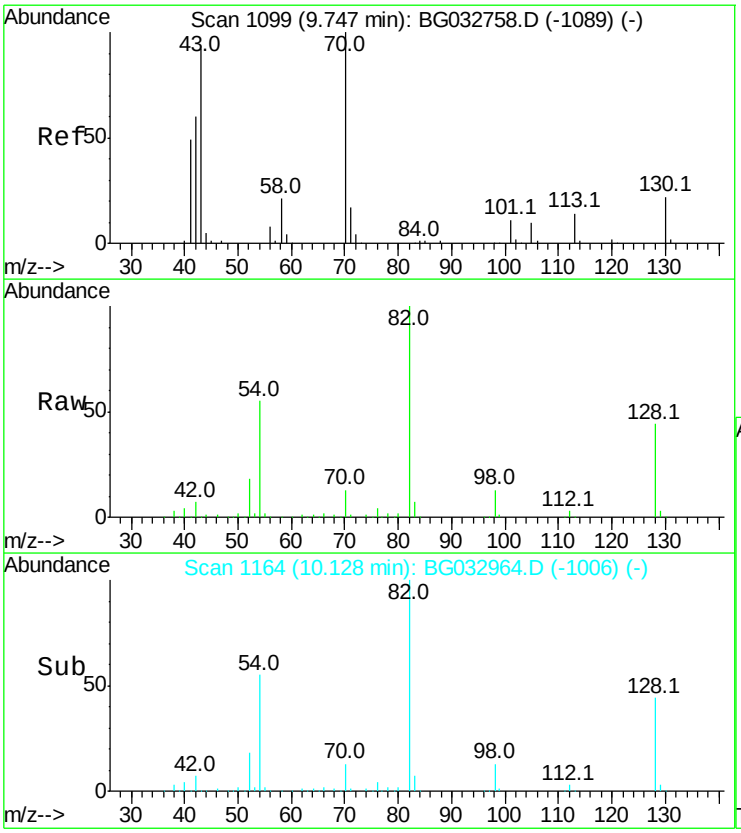
#7
Phenol-d6
Concen: 98.482 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.01 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 475649

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	32.3	26.1	39.1

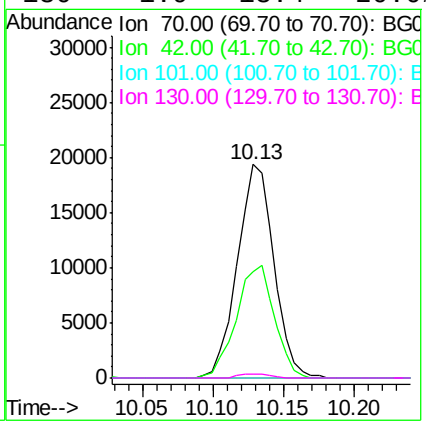


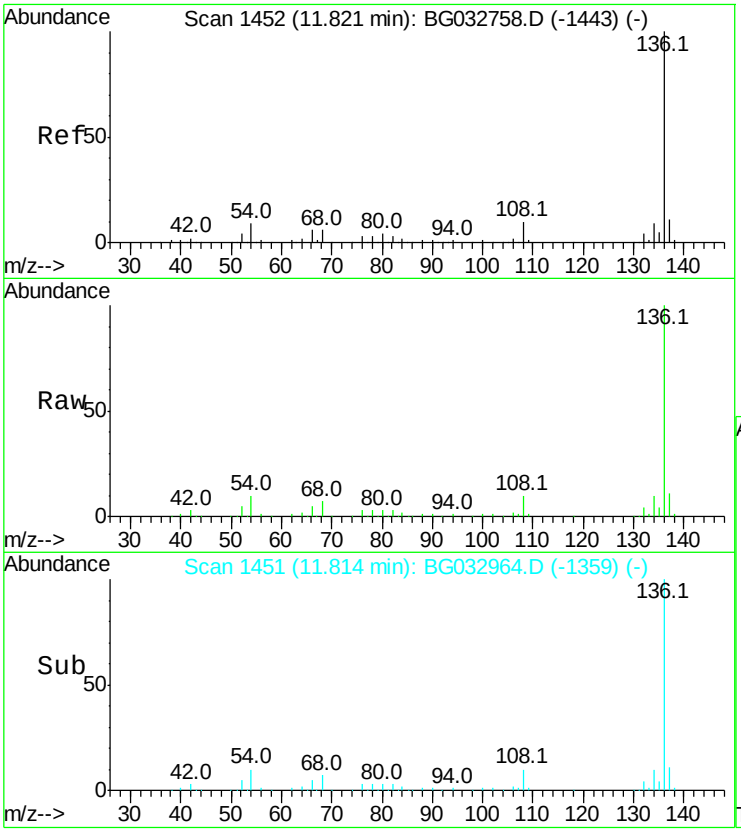


#19
n-Nitroso-di-n-propylamine
Concen: 10.280 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.40 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion: 70 Resp: 35052

Ion	Ratio	Lower	Upper
70	100		
42	50.0	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



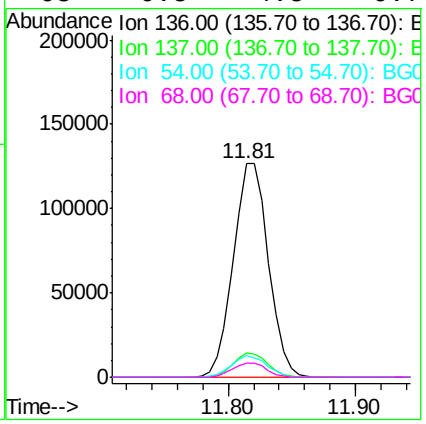


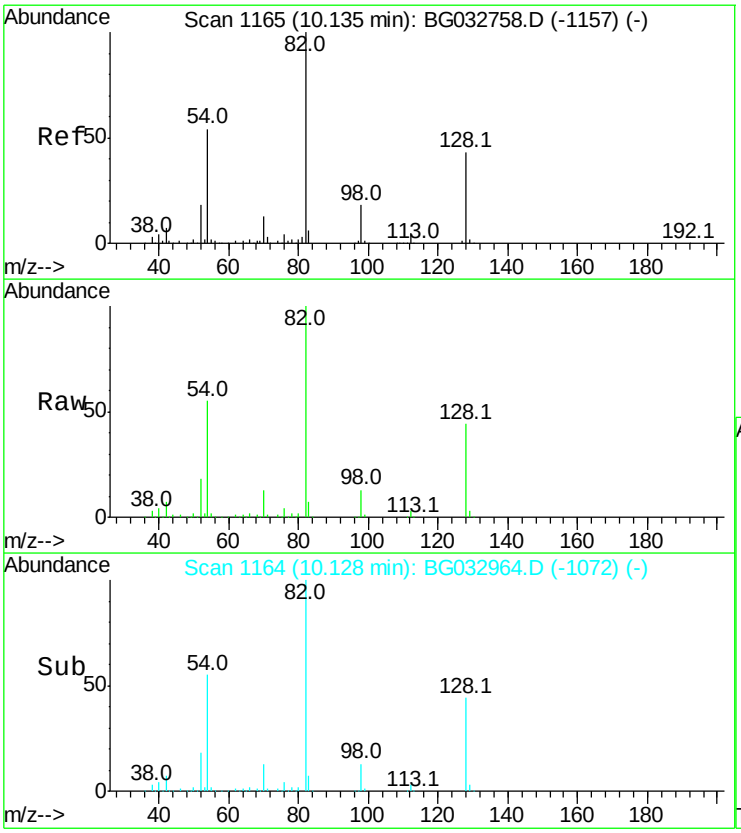
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 242974

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.3	10.3	15.5#
68	6.5	4.5	6.7

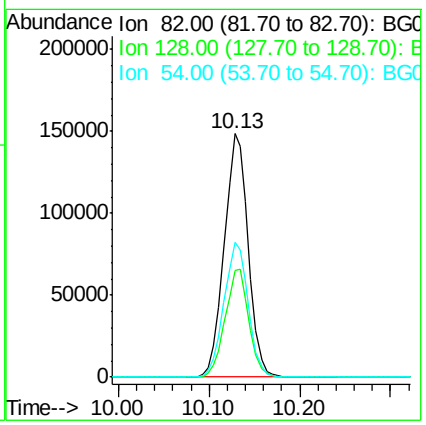


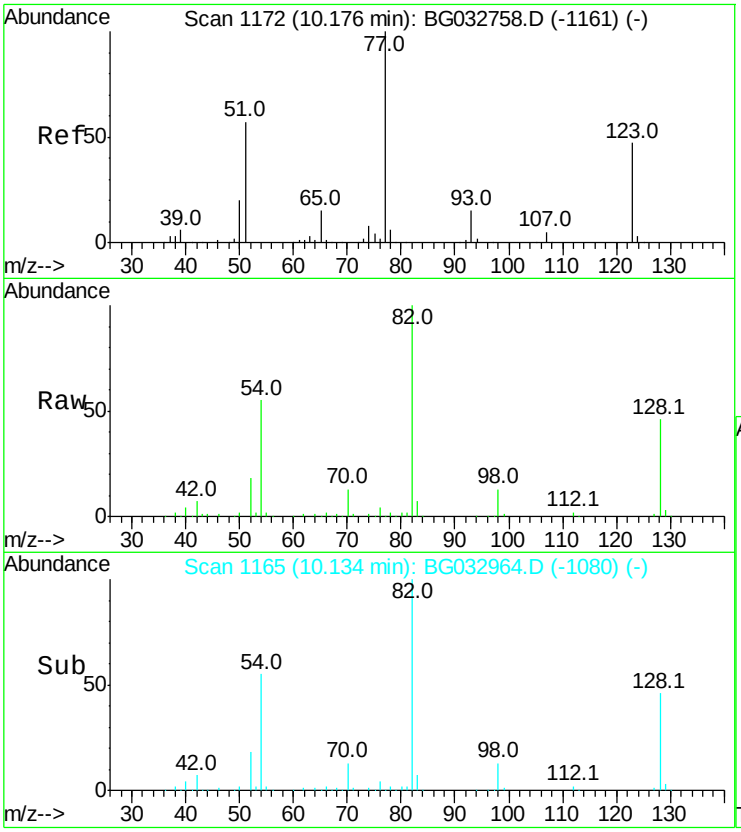


#23
Nitrobenzene-d5
Concen: 78.485 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion: 82 Resp: 271789

Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	55.2	43.1	64.7



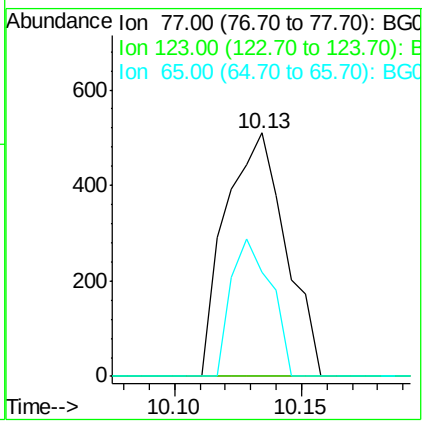


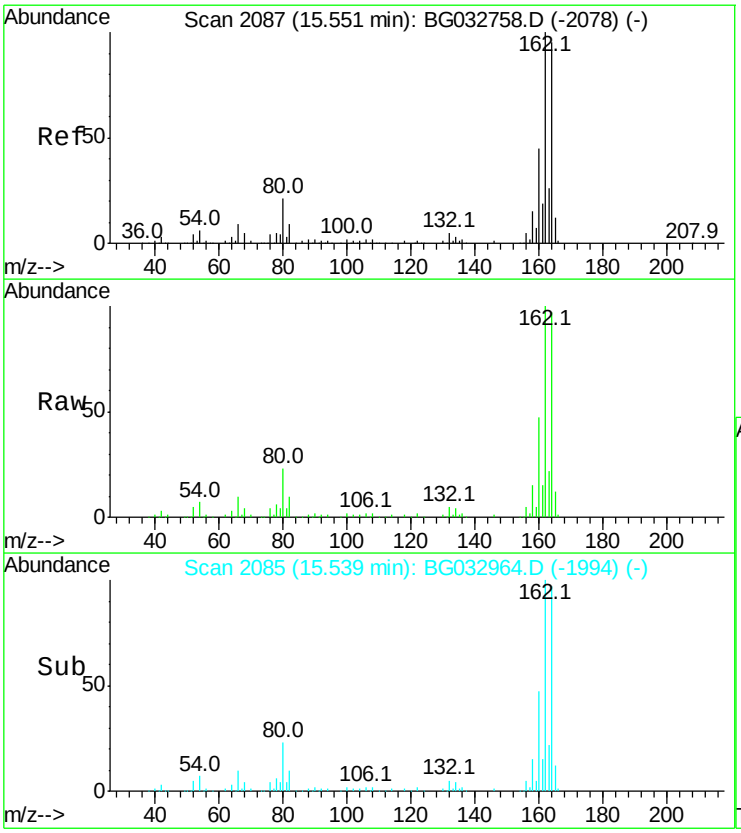
#24
Nitrobenzene
Concen: 6.569 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 843

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	42.9	13.0	19.6#

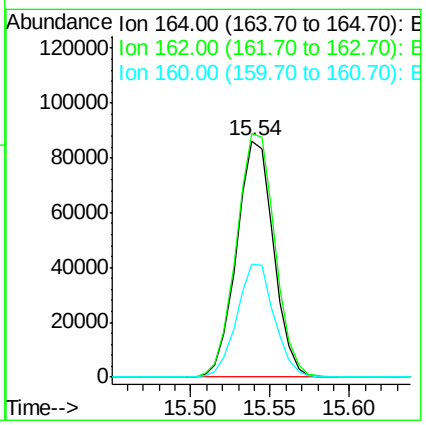


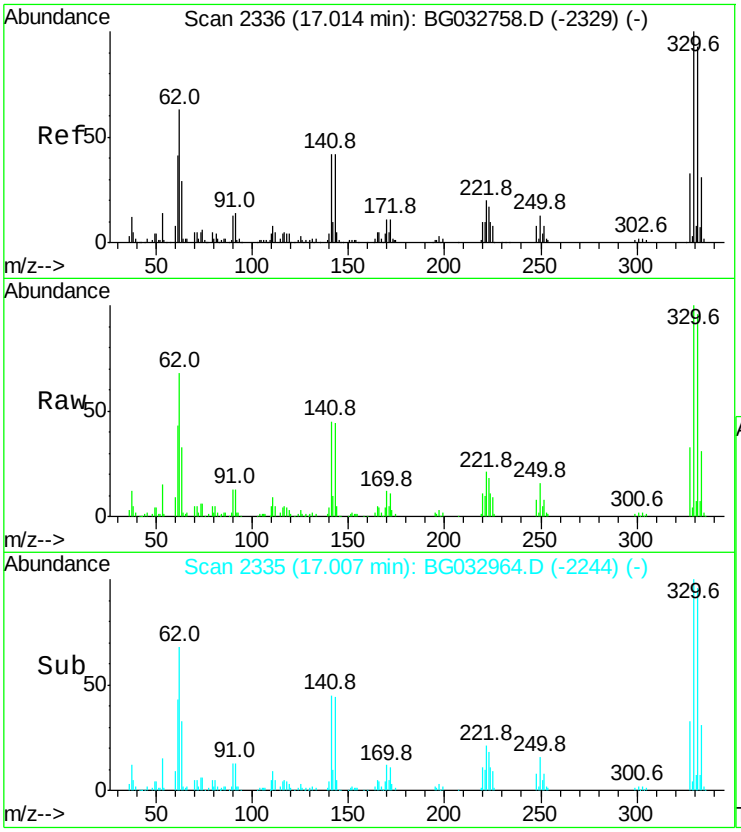


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:164 Resp: 139065

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	48.1	35.4	53.0



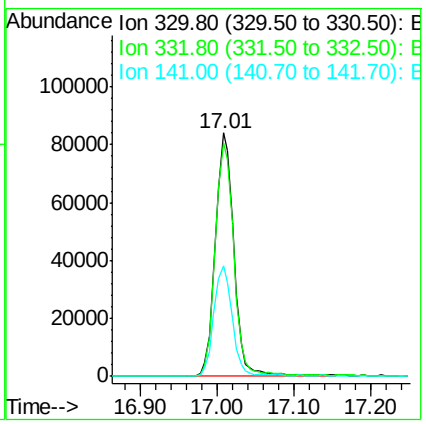


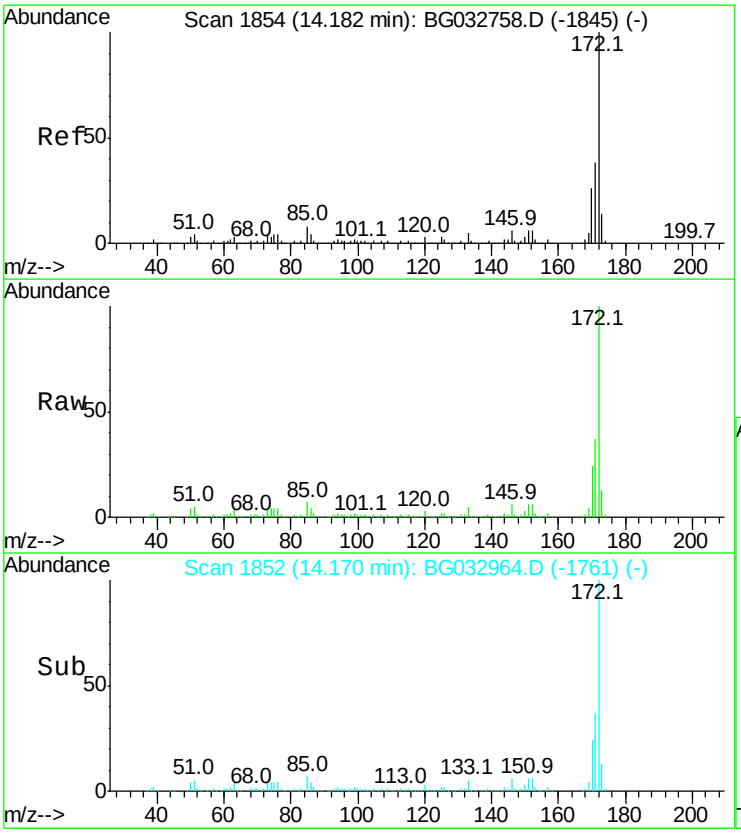
#41
2,4,6-Tribromophenol
Concen: 95.651 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 139863

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	45.0	25.2	37.8#

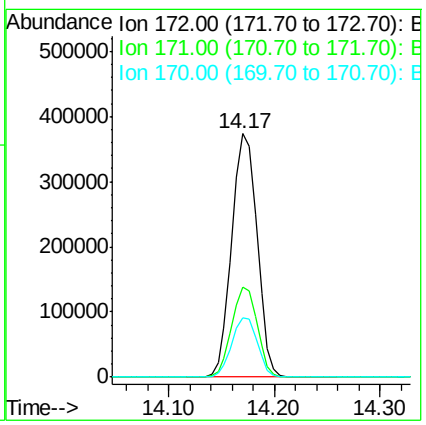


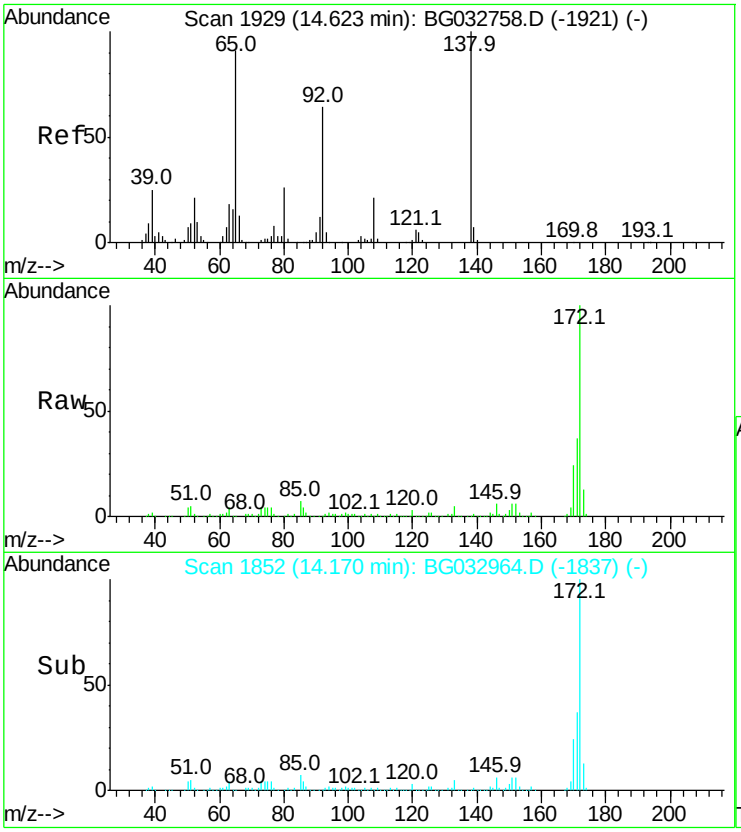


#44
2-Fluorobiphenyl
Concen: 64.040 ng
RT: 14.17 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:172 Resp: 617484

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3



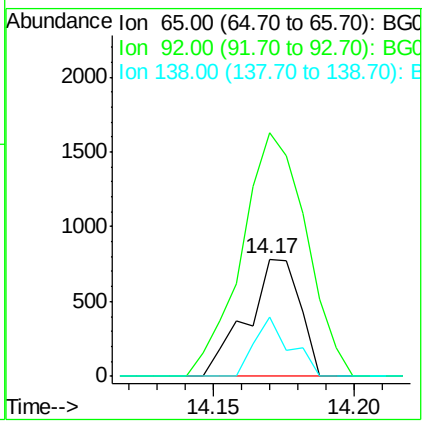


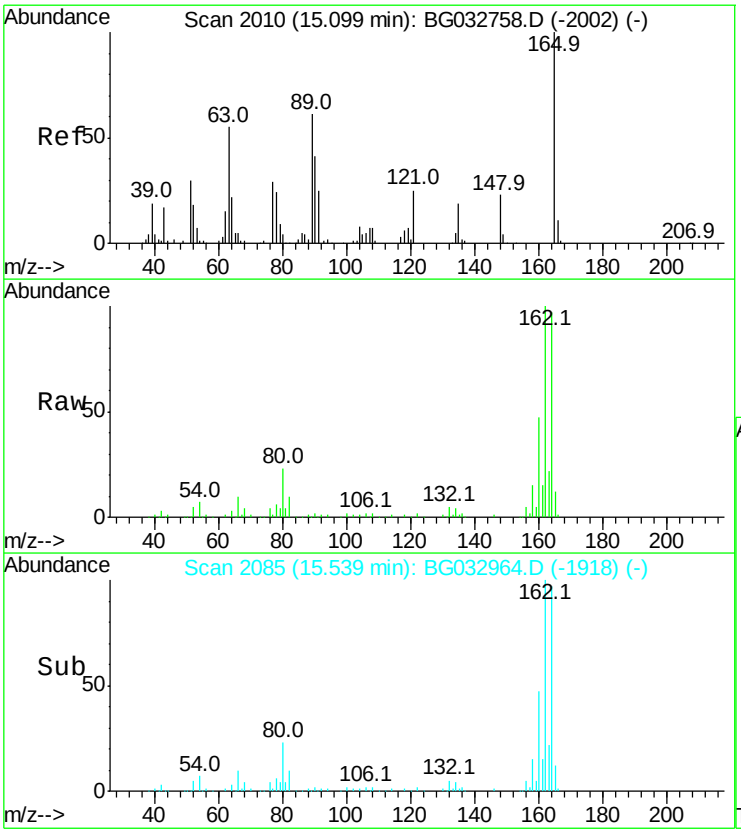
#47
2-Nitroaniline
Concen: 10.188 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.44 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1015

Ion	Ratio	Lower	Upper
65	100		
92	207.3	54.6	82.0#
138	50.6	72.9	109.3#

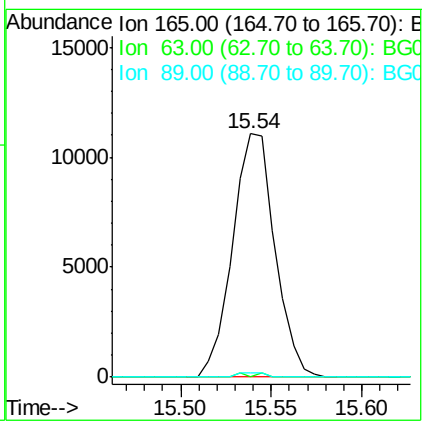


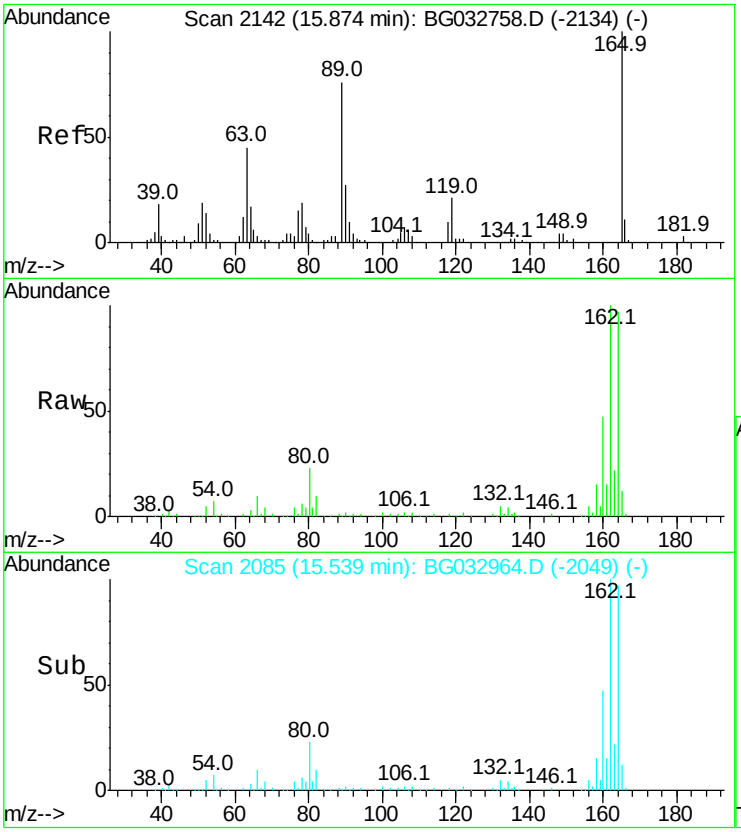


#50
2,6-Dinitrotoluene
Concen: 16.383 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.45 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:165 Resp: 17957

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#



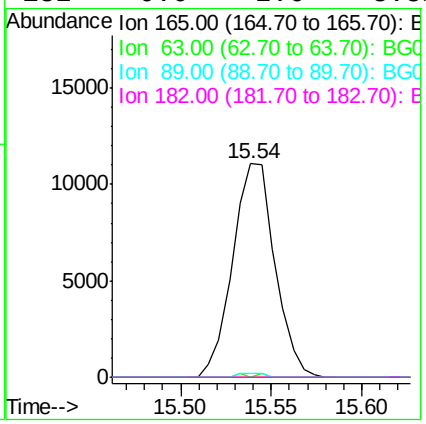


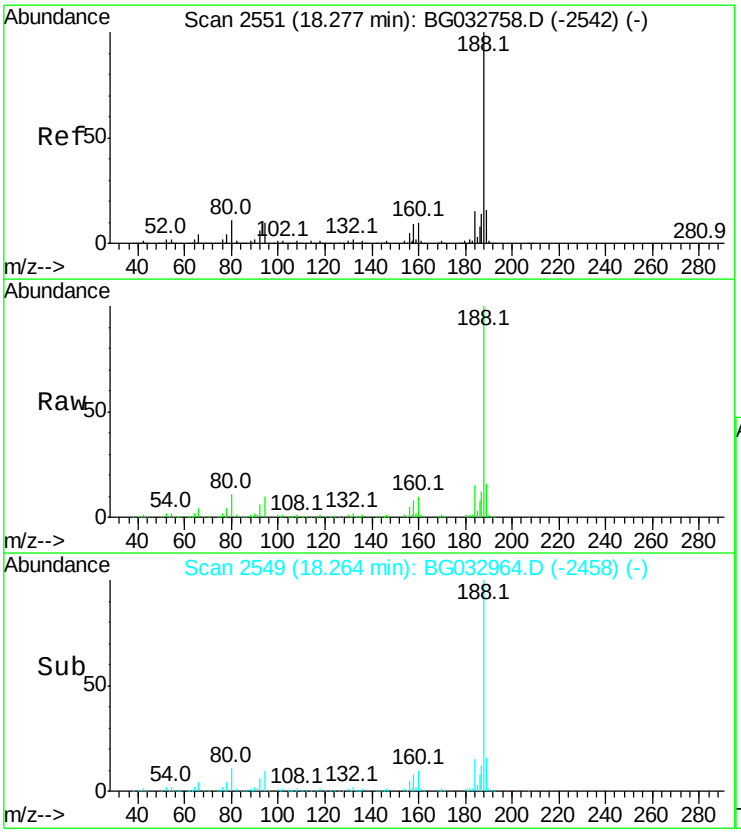
#56
2,4-Dinitrotoluene
Concen: 14.581 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.32 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17957

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

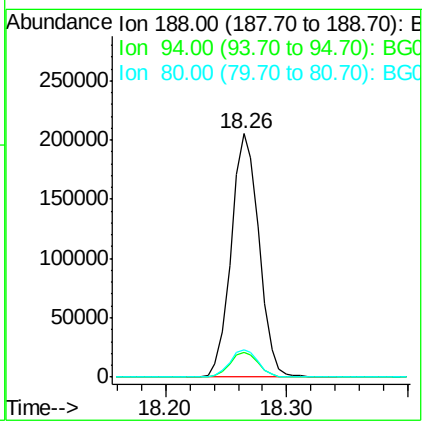


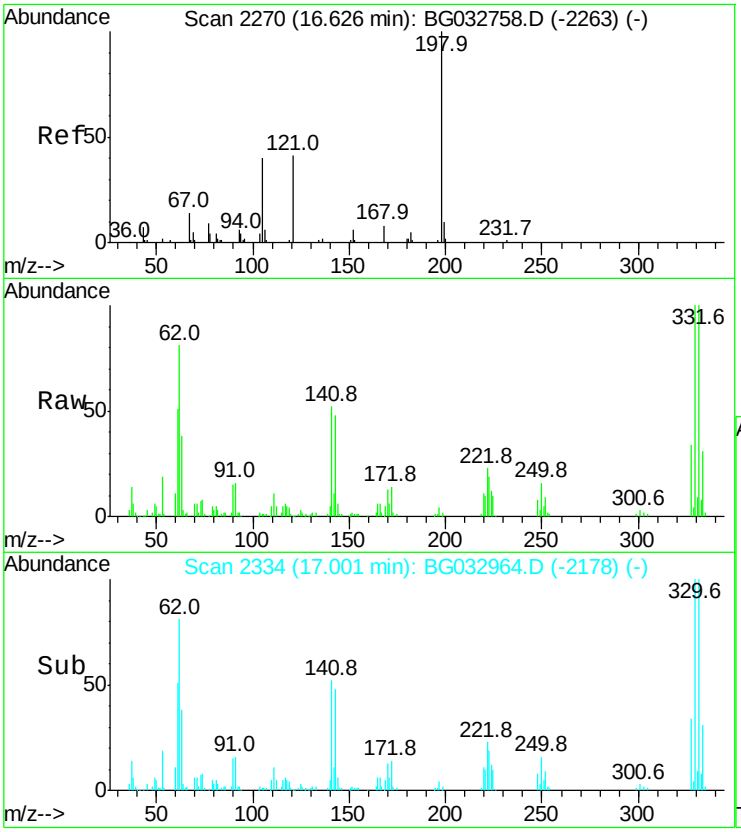


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:188 Resp: 328241

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.9	10.3
80	11.3	7.7	11.5



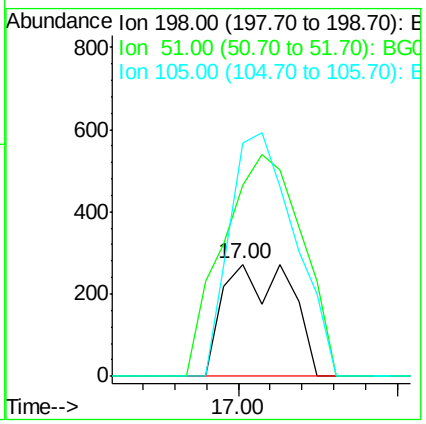


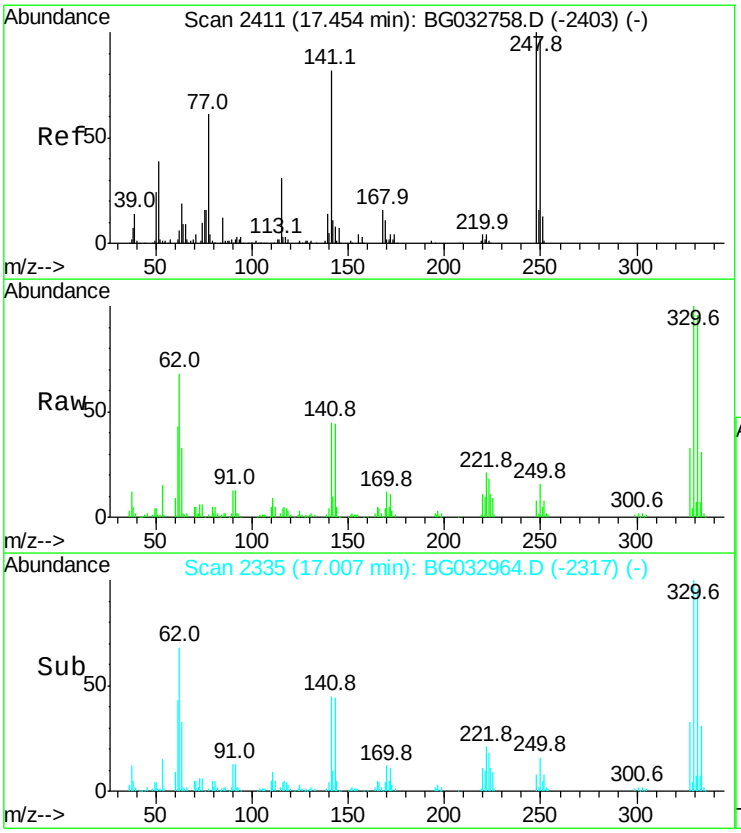
#64
4,6-Dinitro-2-methylphenol
Concen: 5.462 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 396

Ion	Ratio	Lower	Upper
198	100		
51	170.7	30.6	70.6#
105	208.1	23.8	63.8#

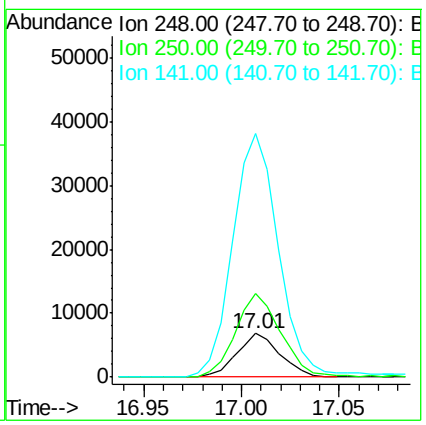


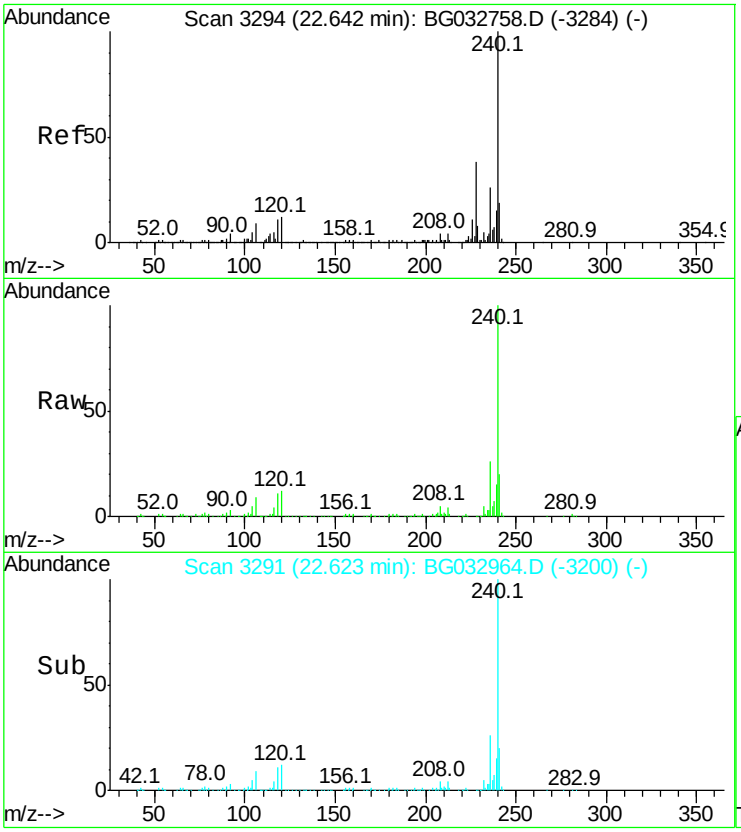


#66
4-Bromophenyl-phenylether
Concen: 2.970 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.43 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:248 Resp: 10310

Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.1	115.7#
141	561.5	50.8	76.2#



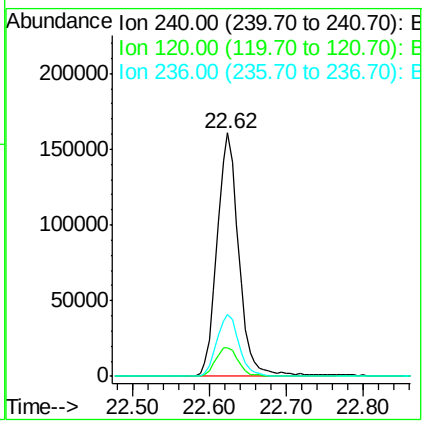


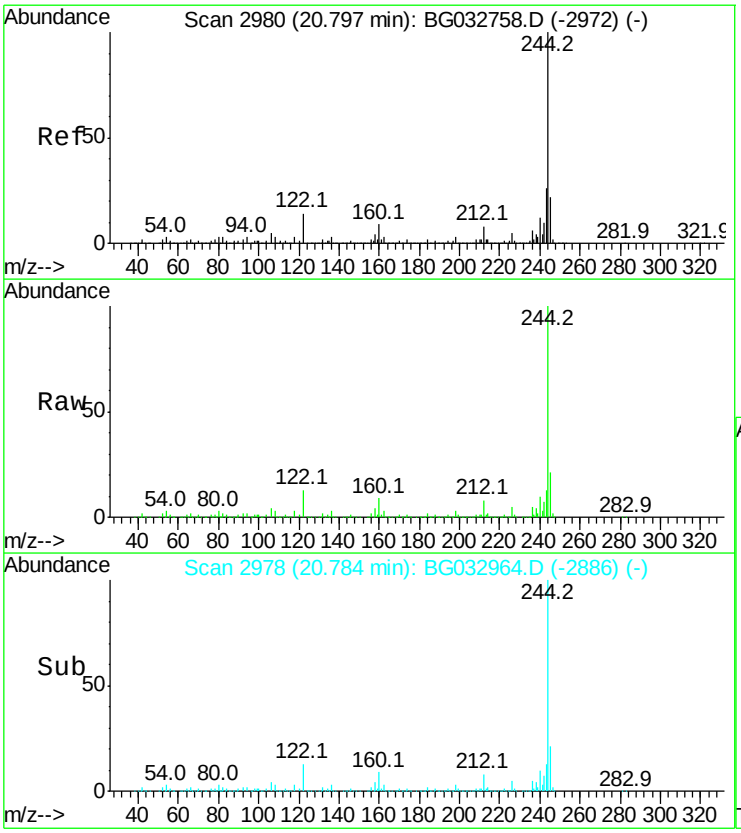
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 314384

Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	25.6	20.9	31.3

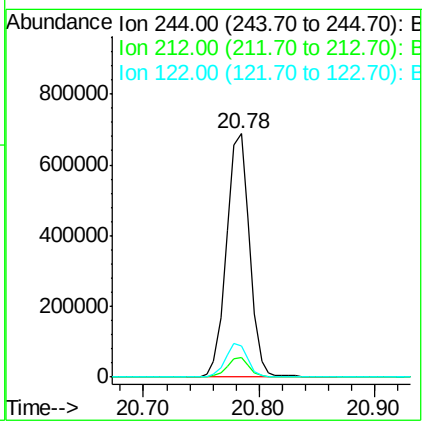


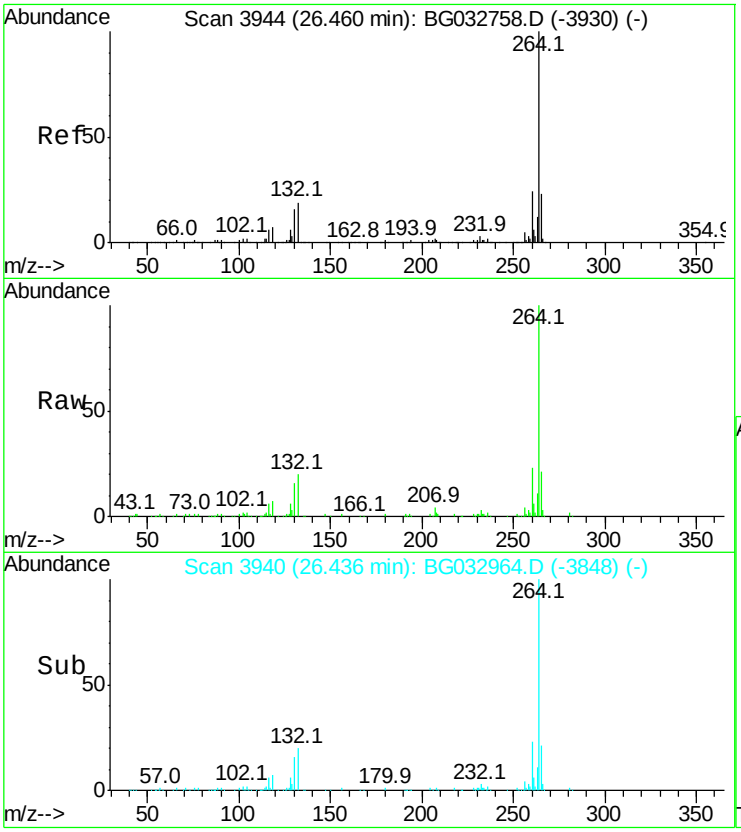


#78
Terphenyl-d14
Concen: 67.771 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Tgt Ion:244 Resp: 948322

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032964.D
Acq: 3 Mar 2018 3:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 306860

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.4	17.7	26.5