Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032879.D
Acq On : 28 Feb 2018 7:09
Operator : SJ/JU
Sample : J1698-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 28 09:41:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76273	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	324273	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	180876	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	402097	20.00	ng	0.00
75) Chrysene-d12	22.62	240	369717	20.00	ng	-0.01
86) Perylene-d12	26.42	264	372346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	649149	136.16	ng	0.00
7) Phenol-d6	8.01	99	781387	117.59	ng	0.00
23) Nitrobenzene-d5	10.12	82	539901	111.98	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	256219	134.72	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1172995	93.53	ng	0.00
78) Terphenyl-d14	20.78	244	1635283	99.37	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	70367	14.999	ng	# 84
24) Nitrobenzene	10.12	77	1495	6.631	ng	# 43
31) Naphthalene	11.86	128	39151	2.311	ng	97
47) 2-Nitroaniline	14.85	65	176	9.883	ng	# 9
50) 2,6-Dinitrotoluene	15.53	165	23312	16.369	ng	# 21
55) 4-Nitrophenol	15.93	139	1776	7.724	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	23312	14.567	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.98	198	1012	6.016	ng	92
66) 4-Bromophenyl-phenylether	17.00	248	19396	4.562	ng	# 1
76) Benzidine	20.78	184	28746	2.281	ng	# 90

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

Quantitation Report (Not Reviewed)

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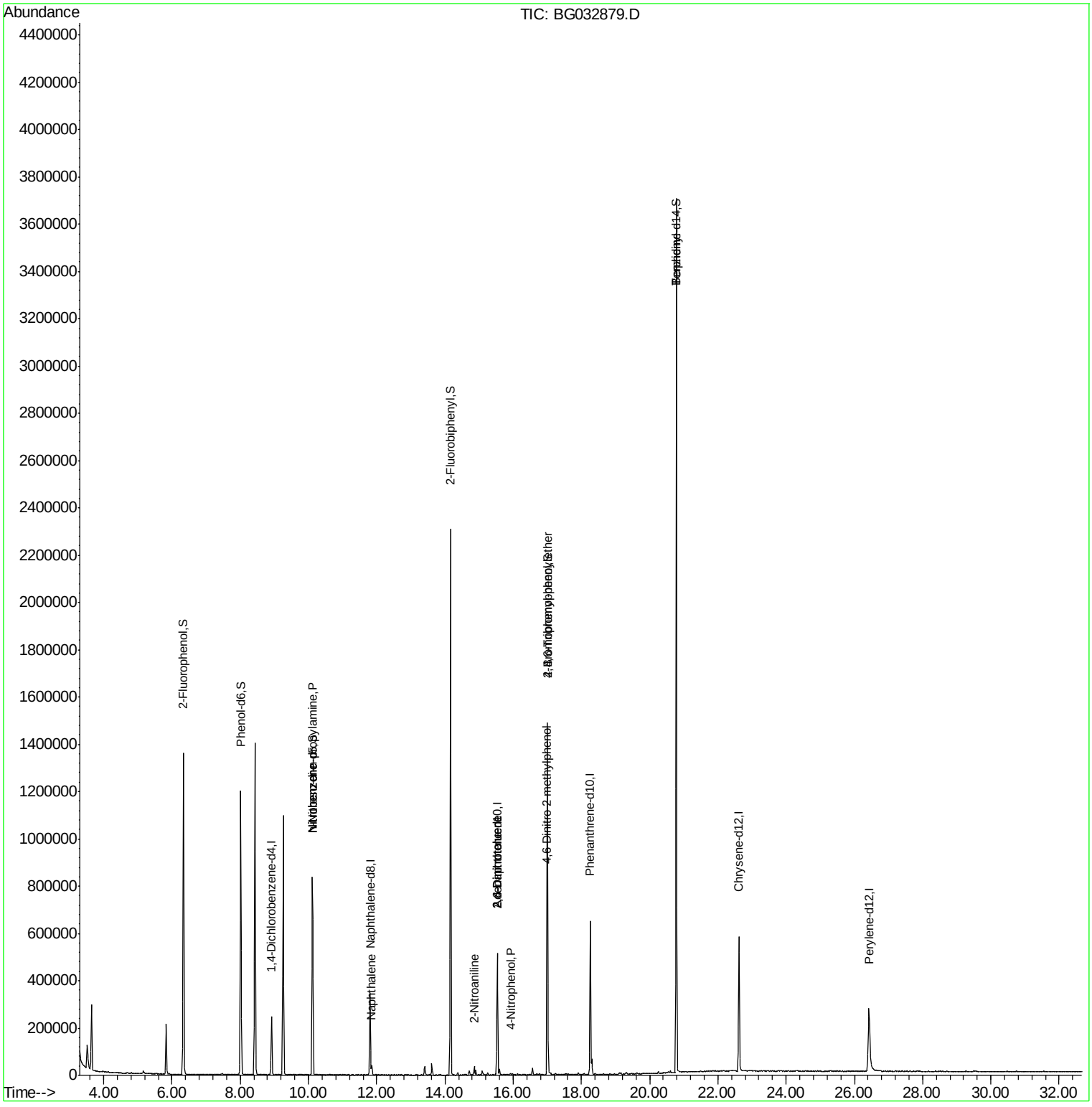
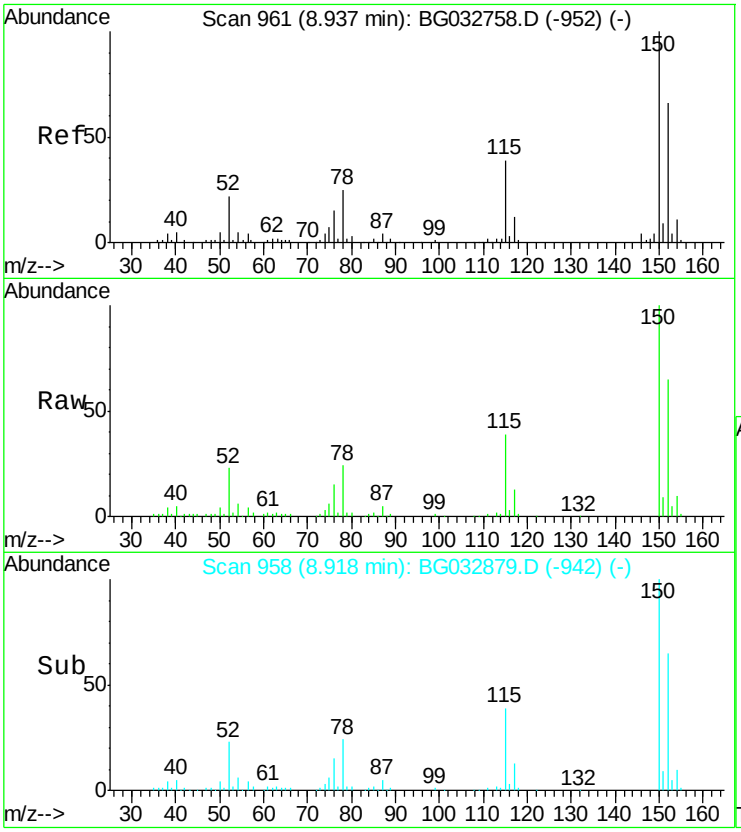
Acq On : 28 Feb 2018 7:09
Operator : SJ/JU
Sample : J1698-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 28 09:41:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



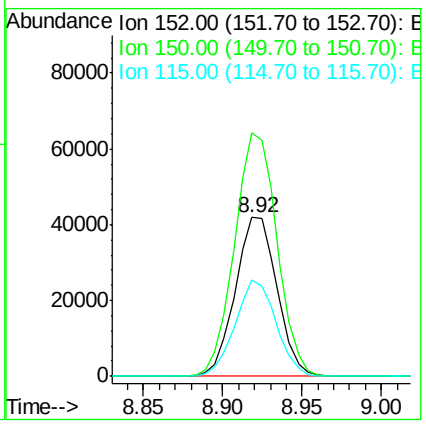


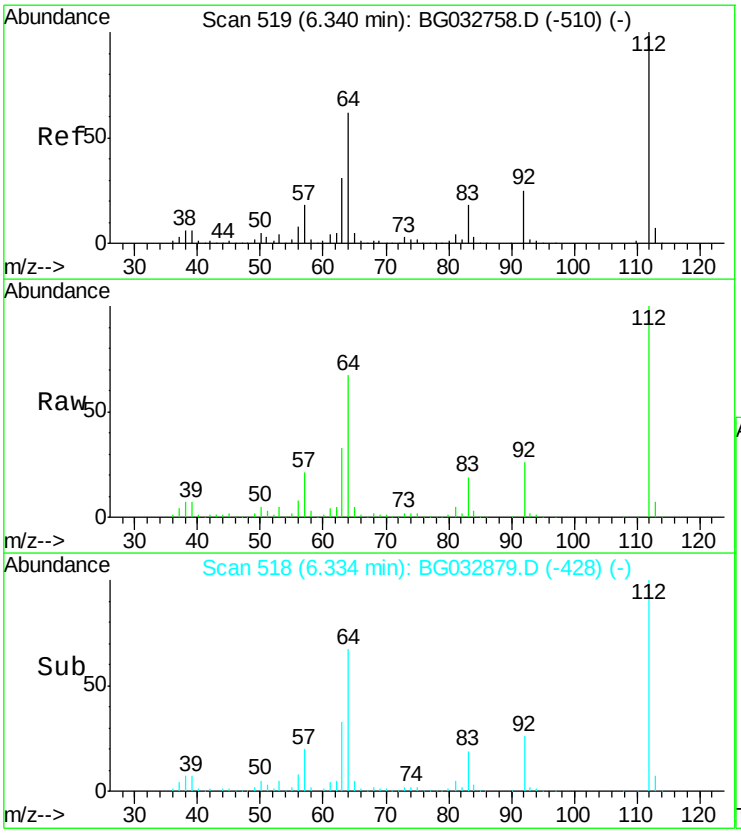
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 76273

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	60.5	53.0	79.4

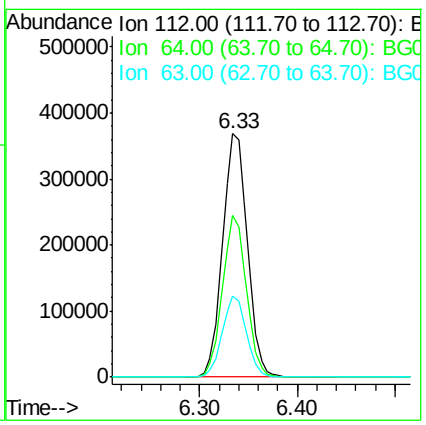


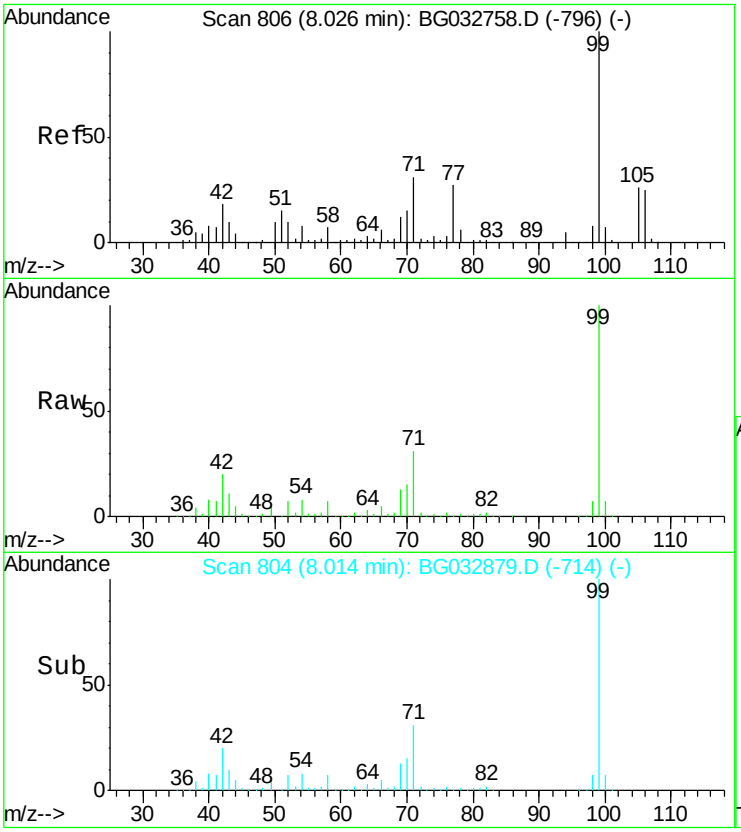


#5
2-Fluorophenol
Concen: 136.161 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:112 Resp: 649149

Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.3	84.5
63	33.4	30.1	45.1



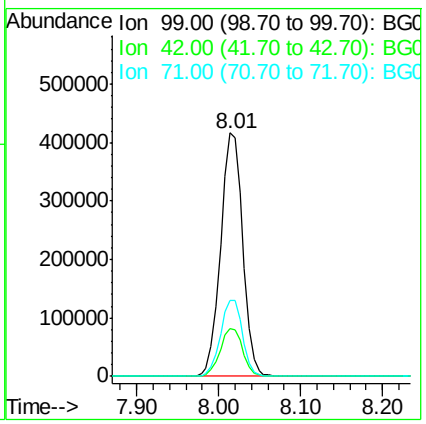


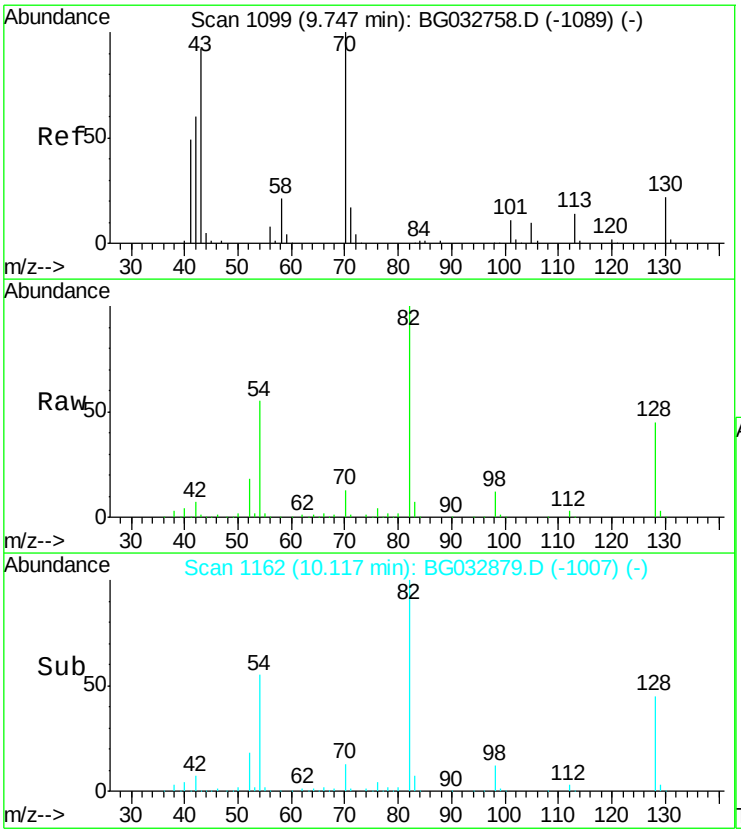
#7
Phenol-d6
Concen: 117.586 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 781387

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	31.3	26.1	39.1

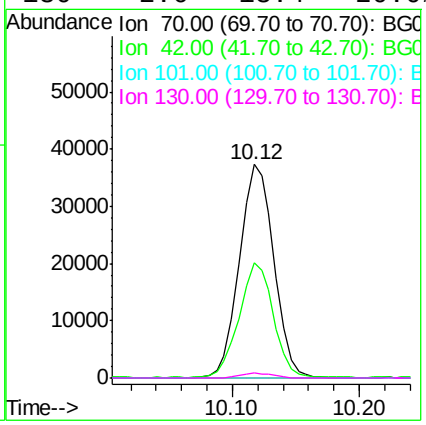


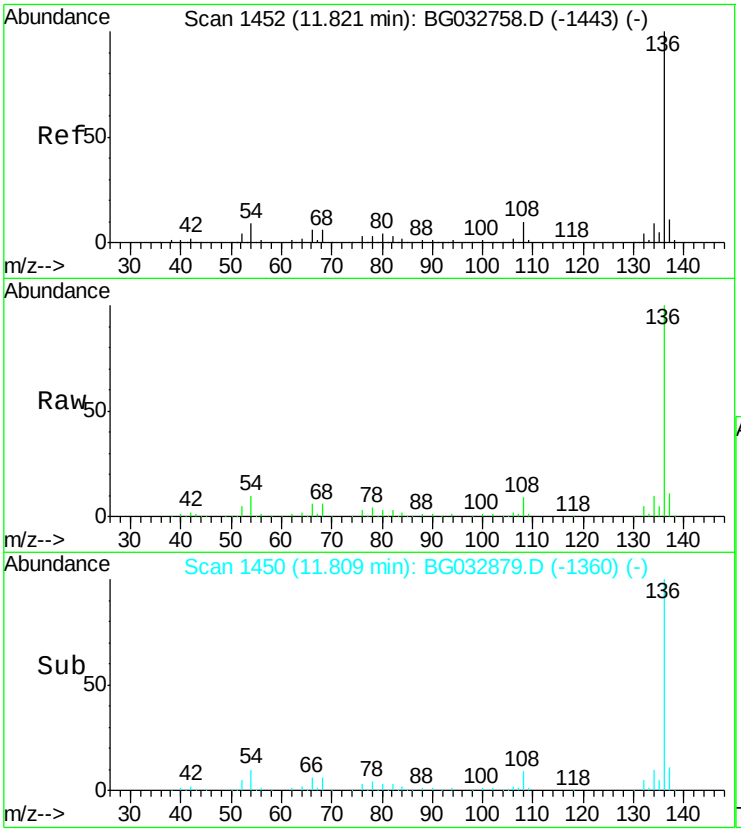


#19
n-Nitroso-di-n-propylamine
Concen: 14.999 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion: 70 Resp: 70367

Ion	Ratio	Lower	Upper
70	100		
42	53.9	49.1	73.7
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



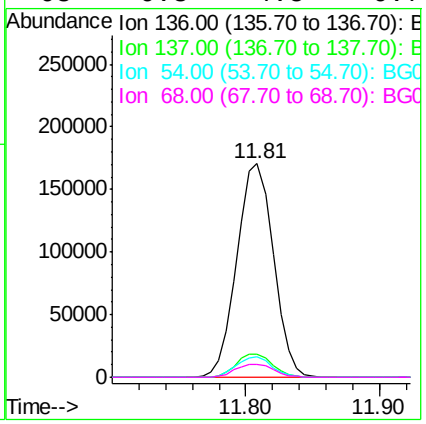


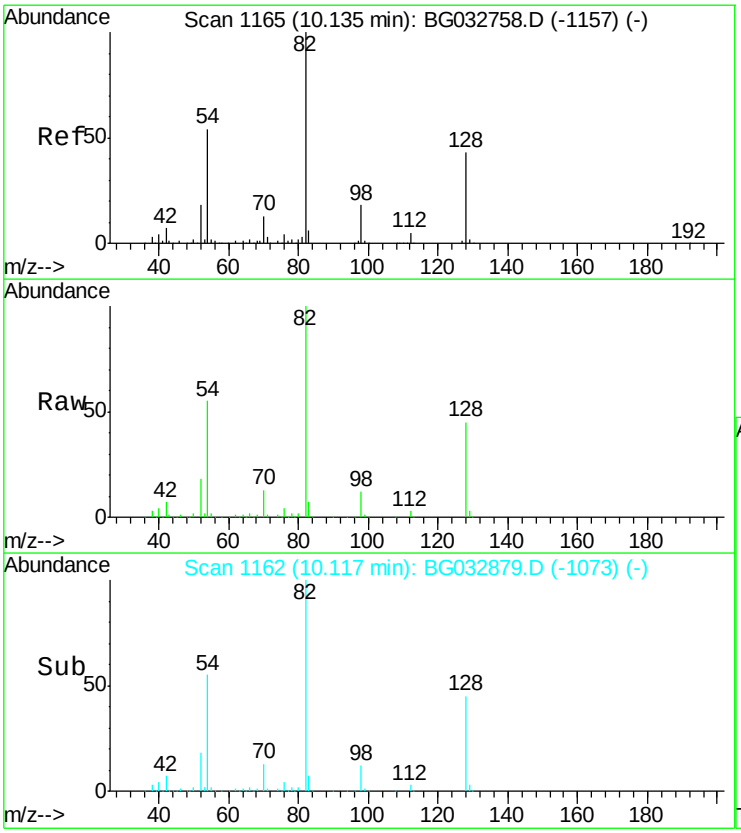
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 324273

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.6	10.3	15.5#
68	6.3	4.5	6.7

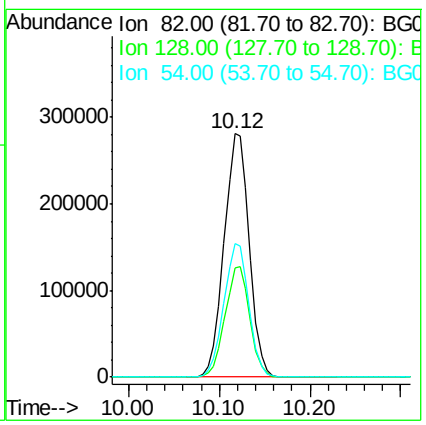


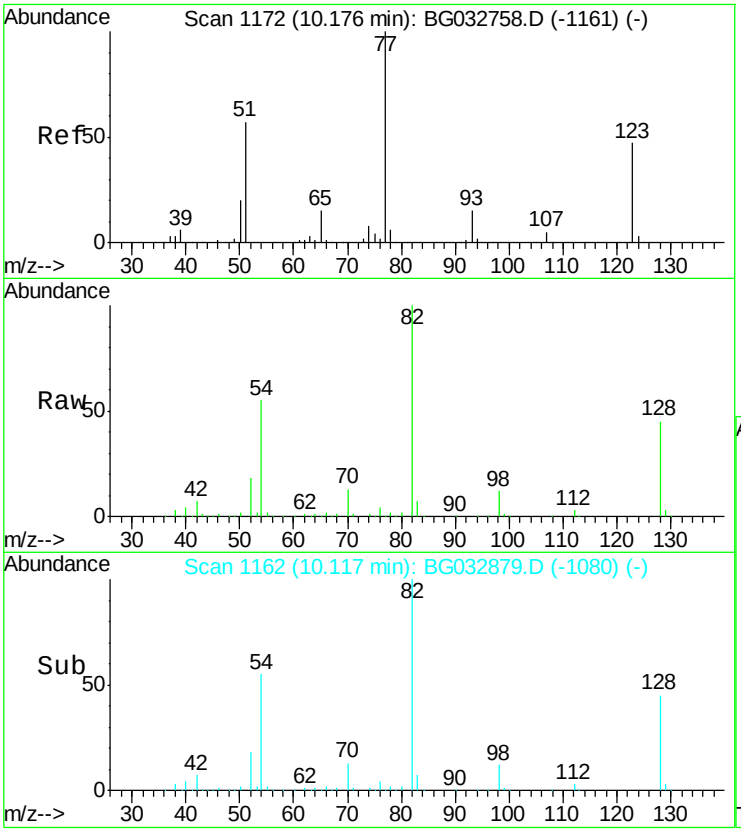


#23
Nitrobenzene-d5
Concen: 111.978 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion: 82 Resp: 539901

Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	54.6	43.1	64.7



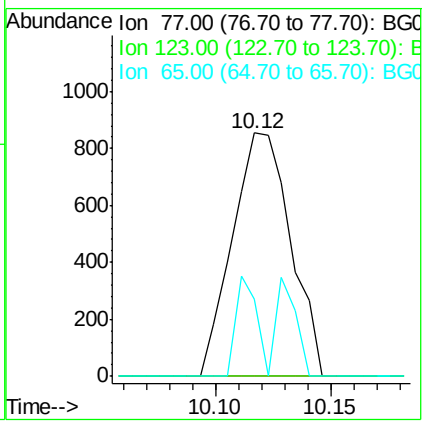


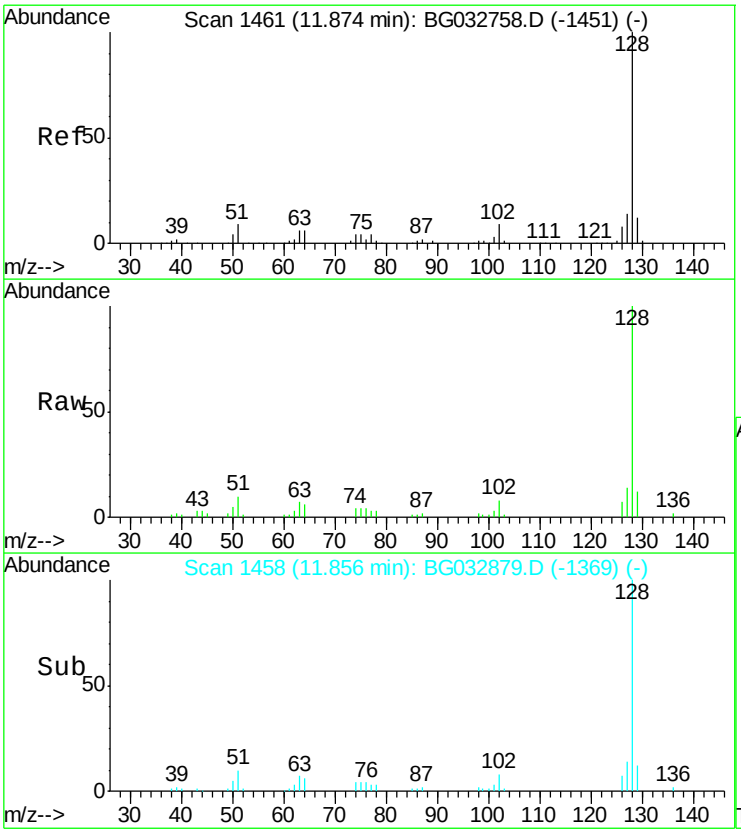
#24
Nitrobenzene
Concen: 6.631 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1495

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	31.5	13.0	19.6#

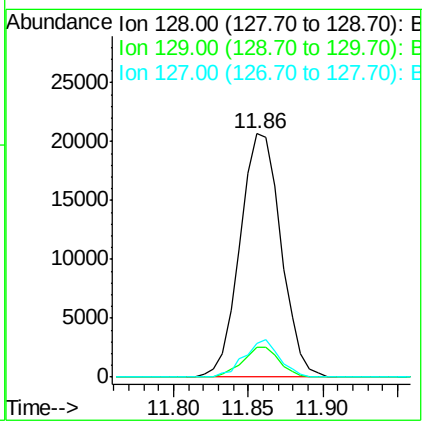


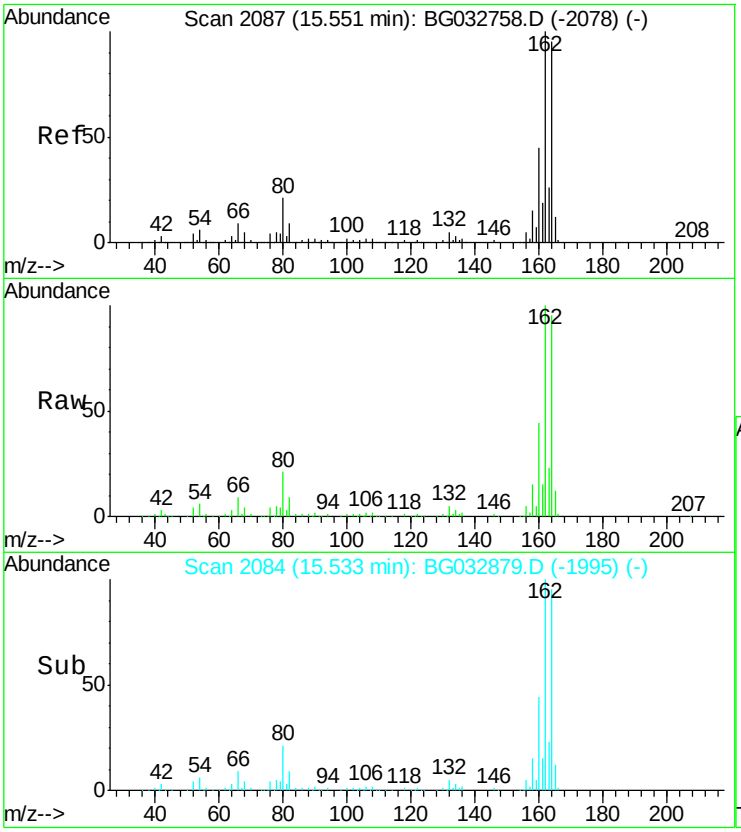


#31
Naphthalene
Concen: 2.311 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:128 Resp: 39151

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	12.8
127	13.9	11.6	17.4



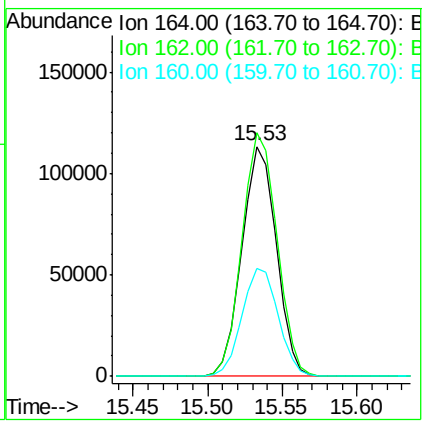


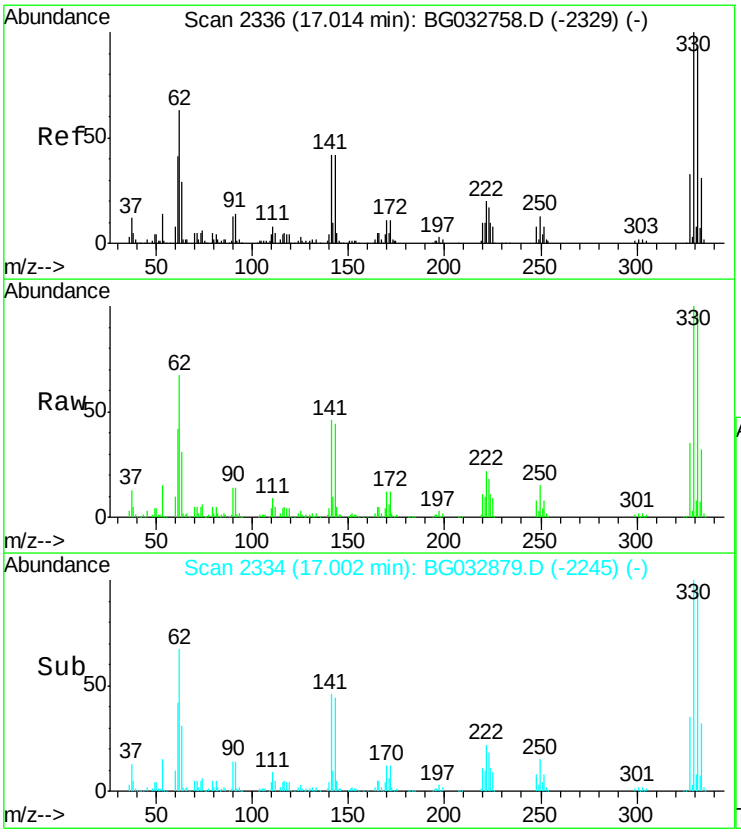
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 180876

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	46.7	35.4	53.0

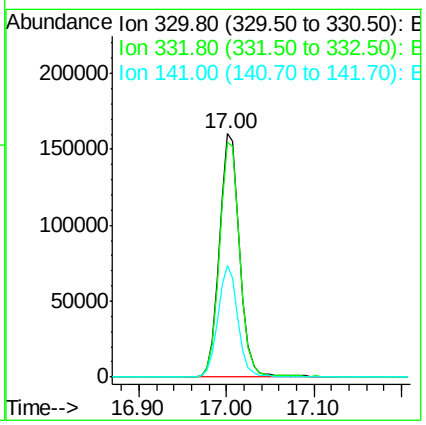


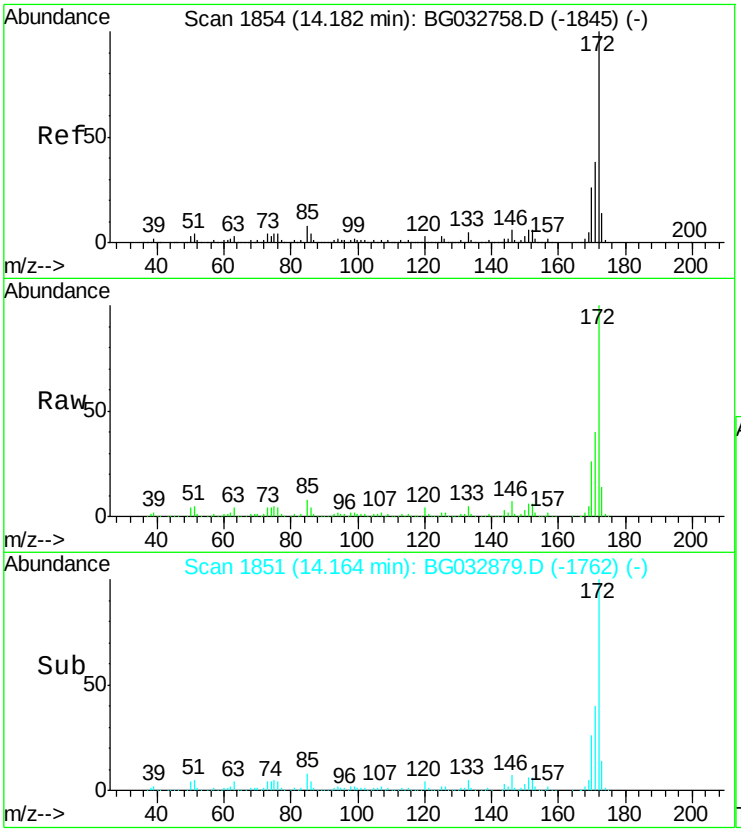


#41
2,4,6-Tribromophenol
Concen: 134.721 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:330 Resp: 256219

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	44.6	25.2	37.8#



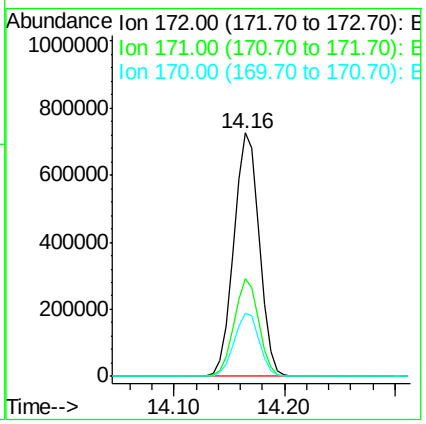


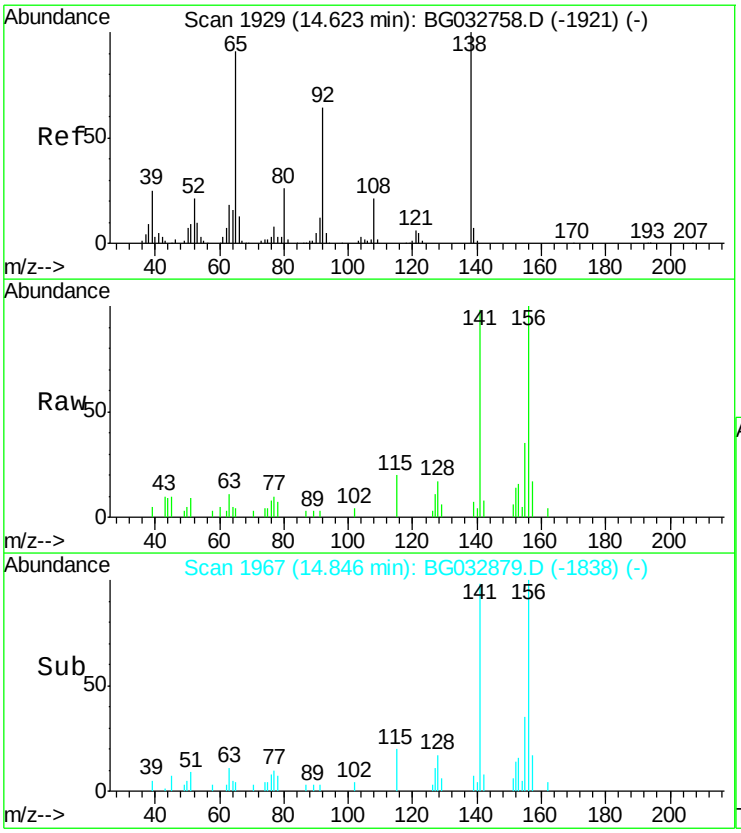
#44
2-Fluorobiphenyl
Concen: 93.531 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1172995

Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.0	45.0
170	26.0	19.5	29.3

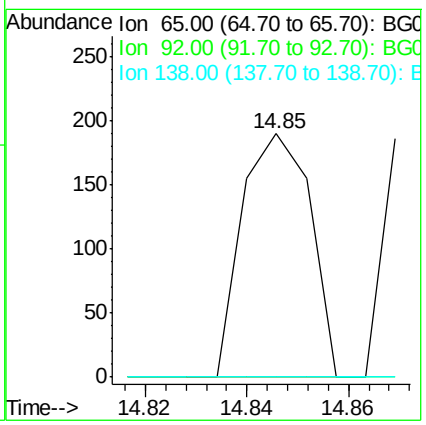


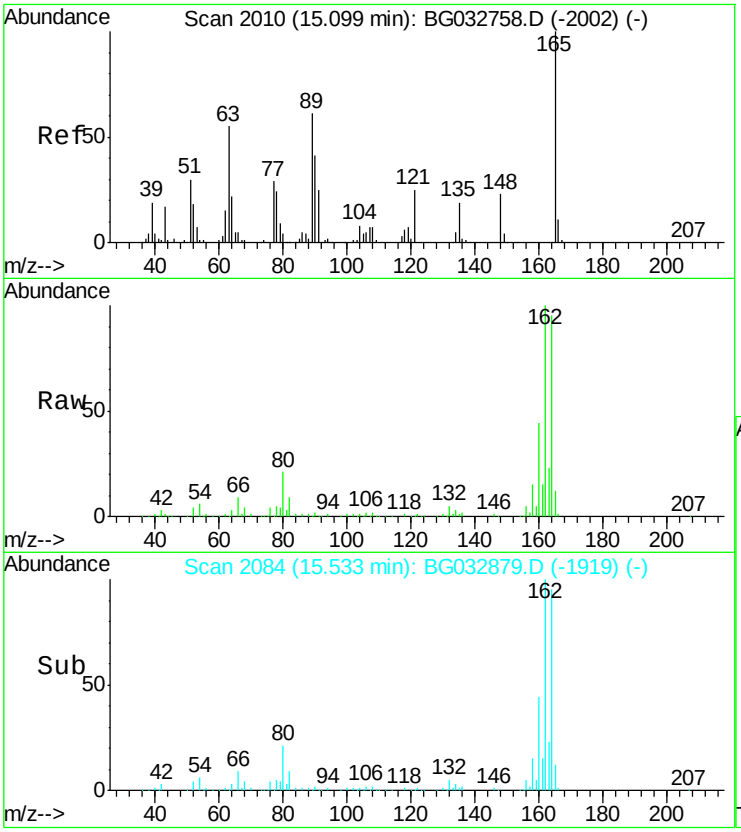


#47
2-Nitroaniline
Concen: 9.883 ng
RT: 14.85 min Scan# 1967
Delta R.T. 0.23 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion: 65 Resp: 176

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#



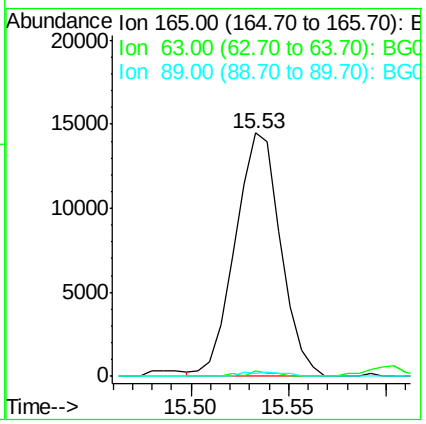


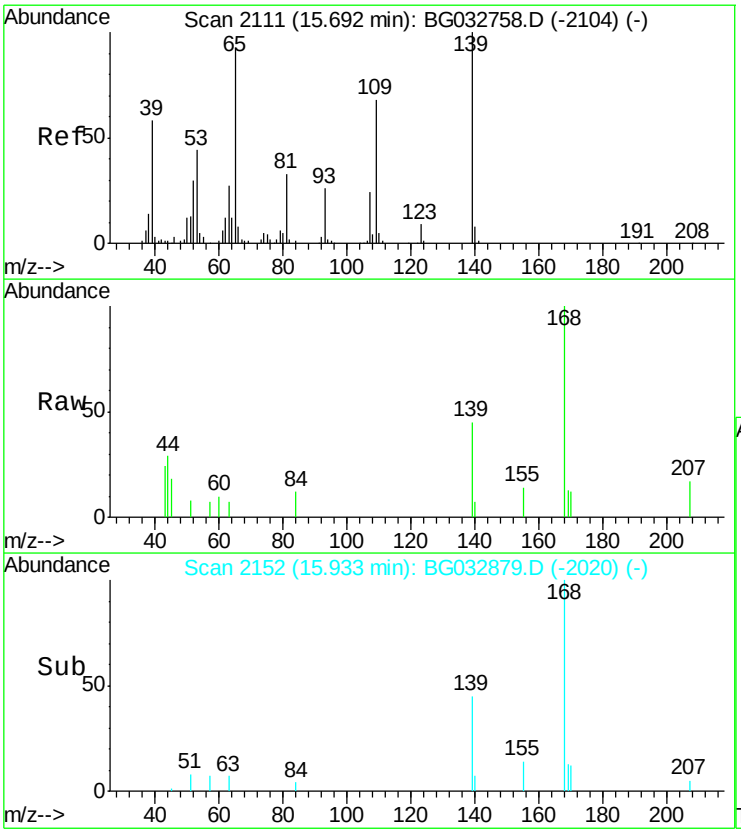
#50
2,6-Dinitrotoluene
Concen: 16.369 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23312

Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	1.2	49.2	73.8#

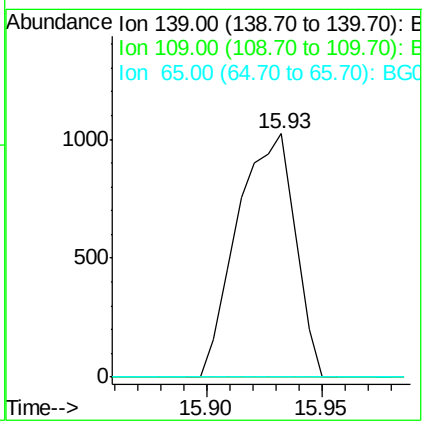


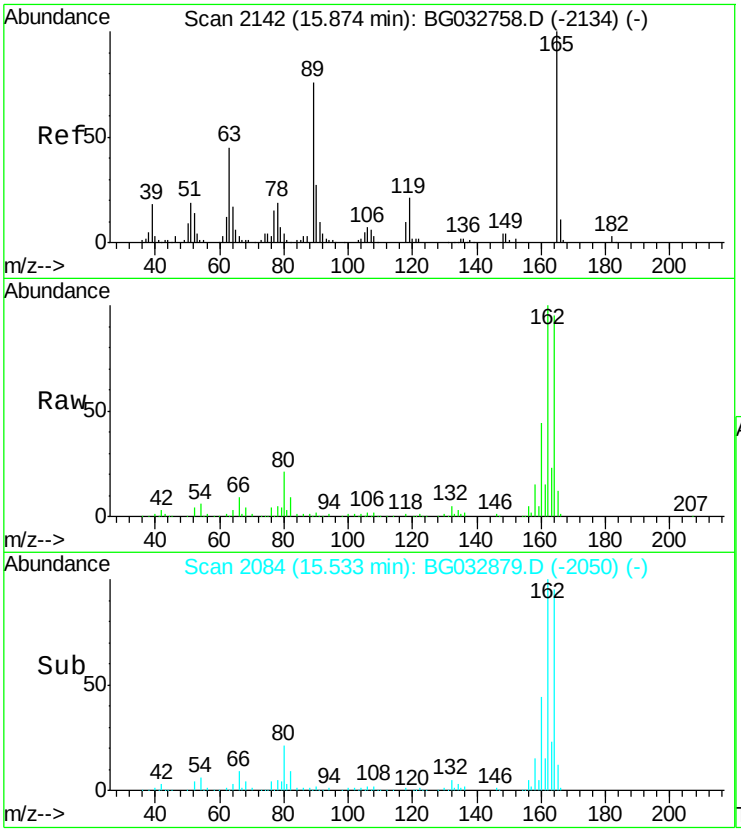


#55
4-Nitrophenol
Concen: 7.724 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.24 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:139 Resp: 1776

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



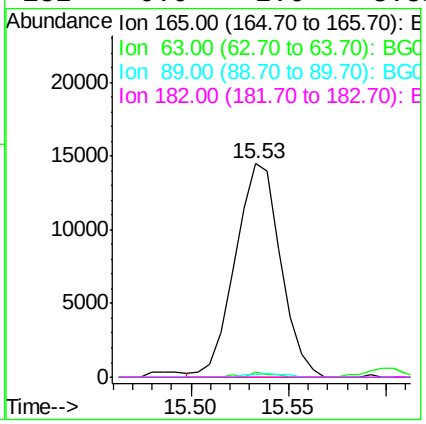


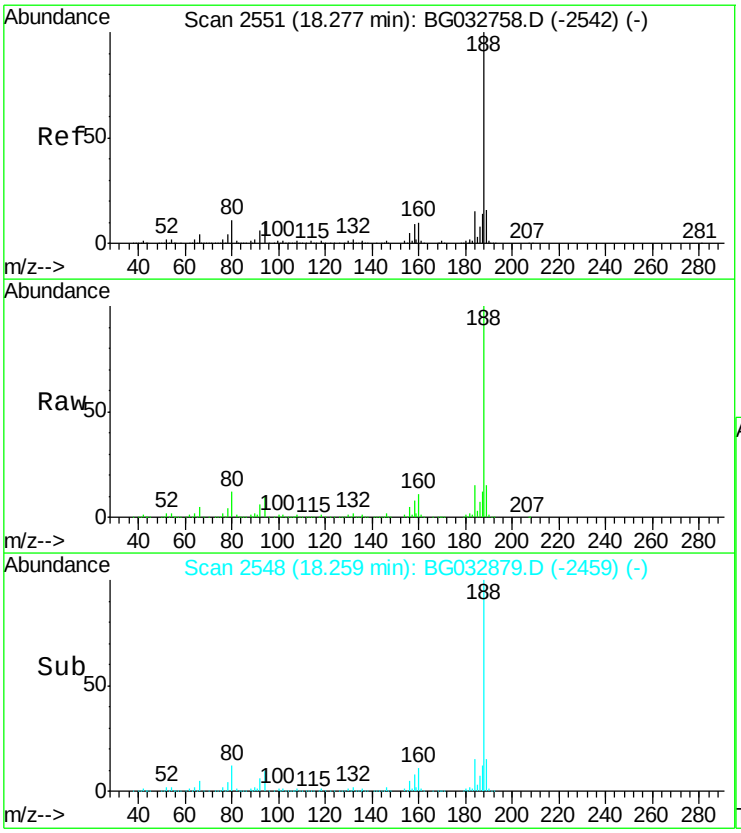
#56
2,4-Dinitrotoluene
Concen: 14.567 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23312

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#

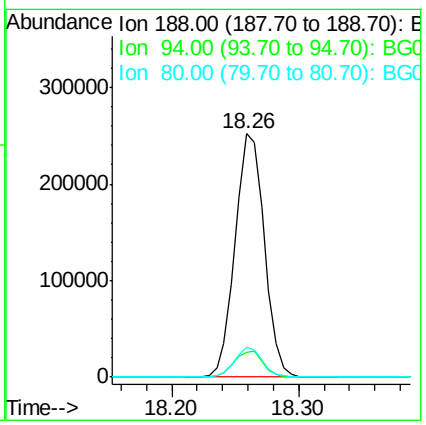


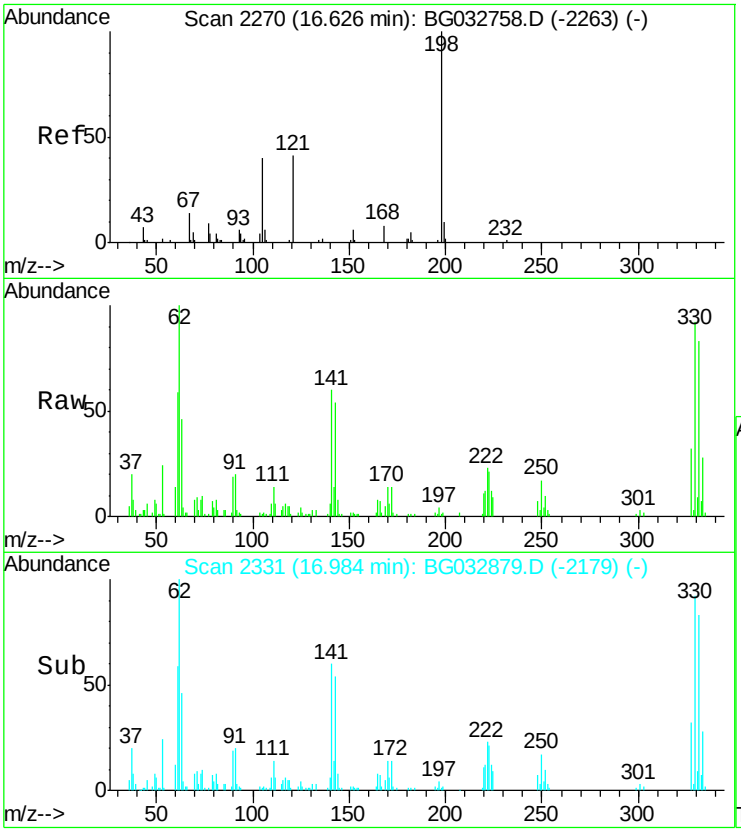


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:188 Resp: 402097

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	12.4	7.7	11.5#



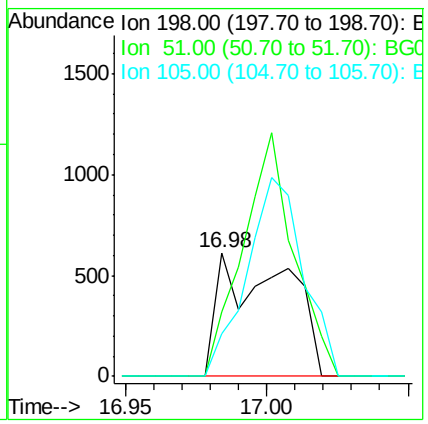


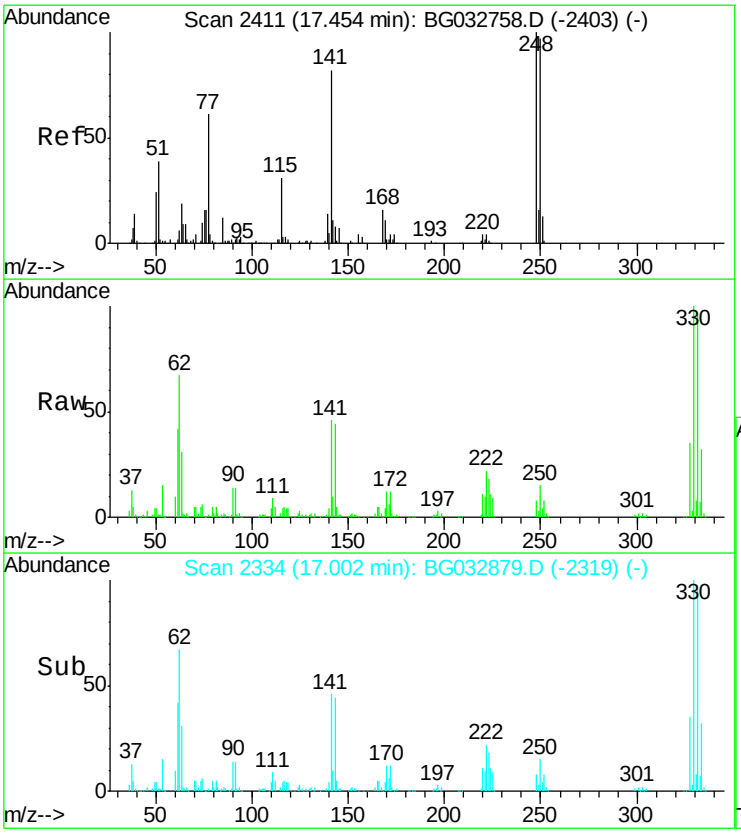
#64
4,6-Dinitro-2-methylphenol
Concen: 6.016 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.36 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1012

Ion	Ratio	Lower	Upper
198	100		
51	52.4	30.6	70.6
105	34.9	23.8	63.8

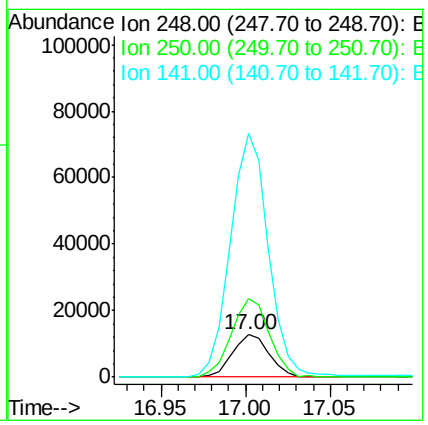


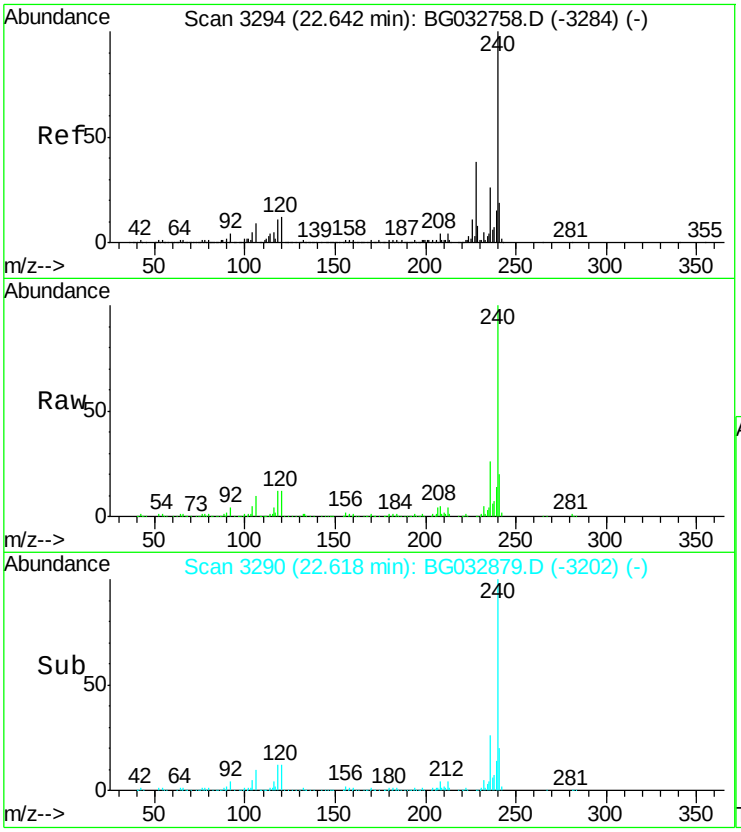


#66
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:248 Resp: 19396

Ion	Ratio	Lower	Upper
248	100		
250	184.4	77.1	115.7#
141	571.3	50.8	76.2#



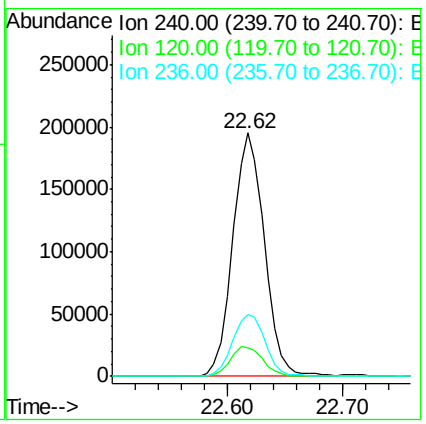


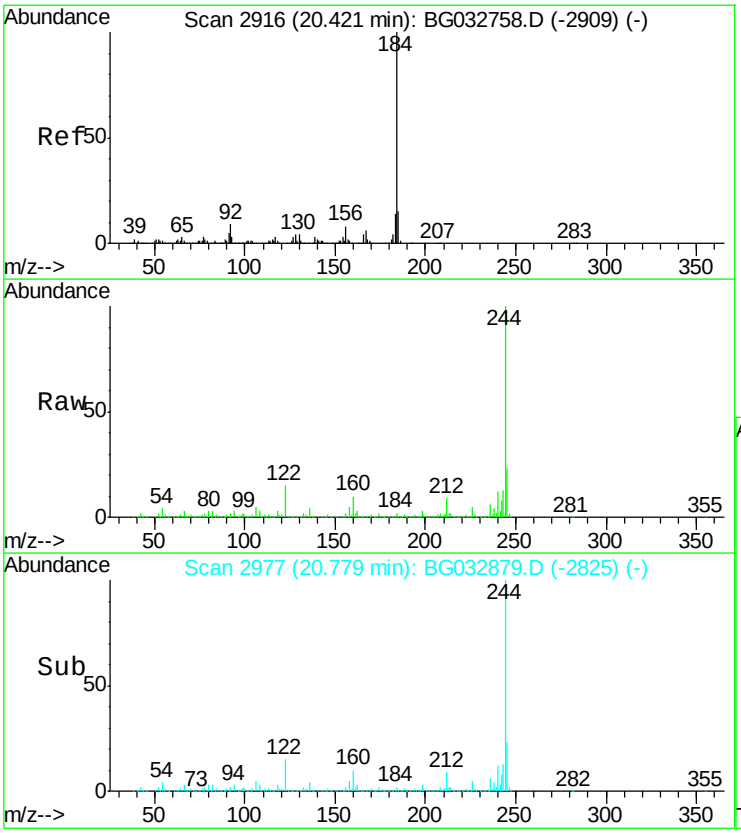
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 369717

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	25.6	20.9	31.3

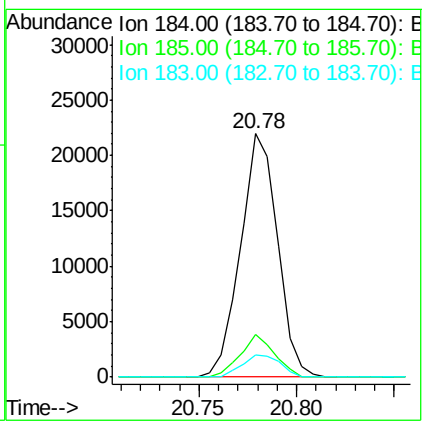


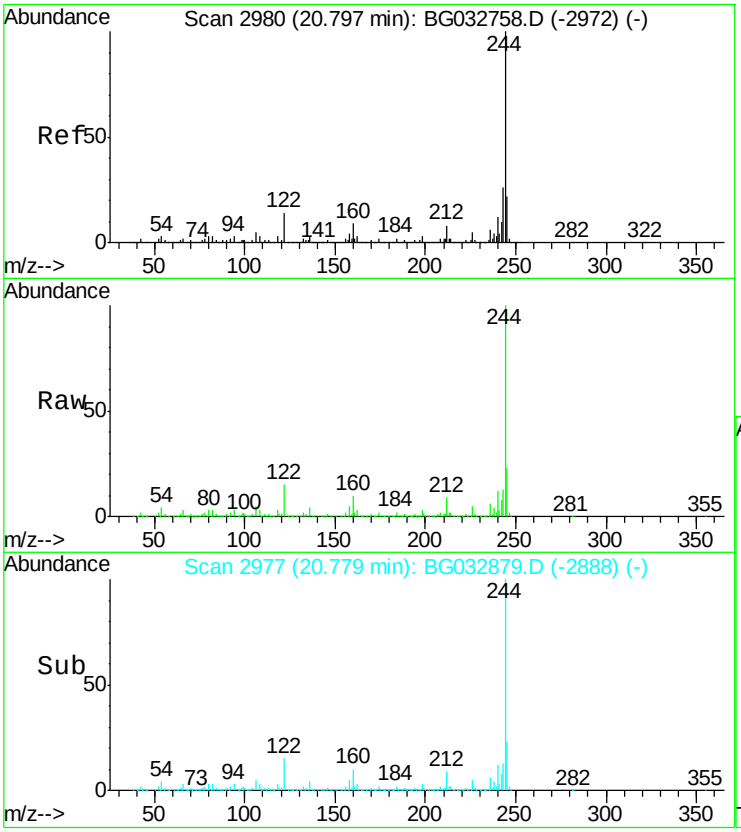


#76
Benzidine
Concen: 2.281 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.36 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:184 Resp: 28746

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	9.0	10.6	16.0#



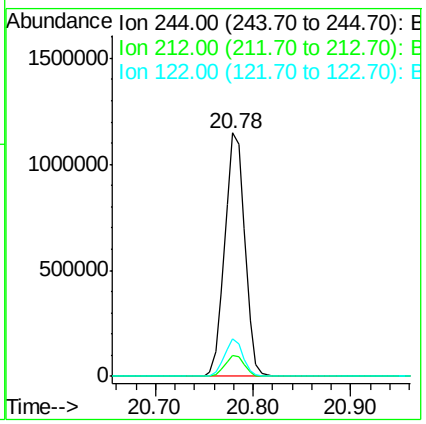


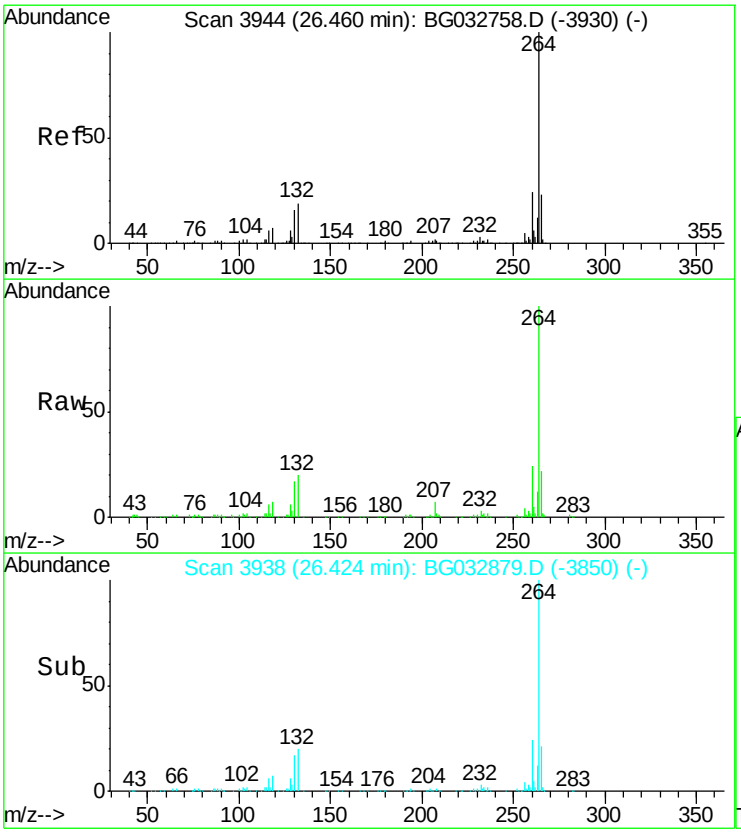
#78
Terphenyl-d14
Concen: 99.374 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1635283

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	15.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032879.D
Acq: 28 Feb 2018 7:09

Tgt Ion:264 Resp: 372346

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.7	17.7	26.5