Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000087.D
Acq On : 15 Feb 2018 09:31
Operator : JU/SJ
Sample : PB105903BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 16 03:47:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	552966	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	2603990	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1505394	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	3424984	20.00	ng		0.00
75) Chrysene-d12	21.90	240	3488624	20.00	ng		-0.02
86) Perylene-d12	24.39	264	3708738	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	5399507	159.14	ng		0.00
7) Phenol-d6	7.59	99	7213405	140.35	ng		0.00
23) Nitrobenzene-d5	9.64	82	3839035	87.65	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1901022	127.58	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	9034674	84.59	ng		-0.01
78) Terphenyl-d14	20.36	244	11949490	92.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	149	0.01	ng	#	27
3) Pyridine	4.13	79	160	0.00	ng	#	1
4) n-Nitrosodimethylamine	4.00	42	748	0.06	ng	#	1
6) Aniline	7.59	93	404	0.01	ng	#	1
8) 2-Chlorophenol	8.02	128	1733	0.04	ng	#	10
9) Benzaldehyde	7.59	77	10902	0.34	ng	#	5
10) Phenol	7.59	94	1836	0.03	ng	#	1
11) bis(2-Chloroethyl)ether	7.98	93	8127	0.18	ng	#	1
12) 1,3-Dichlorobenzene	8.79	146	128	0.00	ng	#	1
13) 1,4-Dichlorobenzene	8.79	146	128	0.00	ng	#	1
14) 1,2-Dichlorobenzene	8.79	146	128	0.00	ng	#	1
15) Benzyl Alcohol	8.79	79	63905	1.73	ng	#	38
17) 2-Methylphenol	8.80	107	570	0.01	ng	#	1
19) n-Nitroso-di-n-propylamine	9.64	70	479863	13.93	ng	#	68
20) 3+4-Methylphenols	8.80	107	570	0.01	ng	#	1
22) Acetophenone	9.29	105	112	0.00	ng	#	1
24) Nitrobenzene	9.64	77	12119	0.25	ng	#	43
25) Isophorone	10.23	82	408	0.00	ng	#	69
28) bis(2-Chloroethoxy)methane	10.51	93	110	0.00	ng	#	51
31) Naphthalene	11.35	128	136	0.00	ng	#	68
45) 1,1'-Biphenyl	13.91	154	21572	0.16	ng		87
47) 2-Nitroaniline	13.70	65	15820	5.37	ng	#	1
50) 2,6-Dinitrotoluene	15.07	165	193132	7.43	ng	#	20
51) Acenaphthene	15.07	154	5813	0.06	ng	#	5
54) Dibenzofuran	15.46	168	116	0.00	ng	#	46
56) 2,4-Dinitrotoluene	15.07	165	193132	8.92	ng	#	18
57) Fluorene	16.54	166	113466	0.94	ng	#	91
59) Diethylphthalate	15.86	149	114	0.00	ng	#	58
61) 4-Nitroaniline	16.54	138	132	0.00	ng	#	1
62) Azobenzene	16.54	77	14602	0.11	ng	#	30
64) 4,6-Dinitro-2-methylphenol	16.54	198	6324	9.03	ng	#	1
65) n-Nitrosodiphenylamine	16.54	169	76966	0.69	ng	#	42
66) 4-Bromophenyl-phenylether	16.54	248	133824	4.11	ng	#	1
69) Pentachlorophenol	17.36	266	286	5.84	ng	#	14

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000087.D
Acq On : 15 Feb 2018 09:31
Operator : JU/SJ
Sample : PB105903BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 16 03:47:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	17.83	178	561	0.00	ng	#	60
71) Anthracene	17.83	178	561	0.00	ng	#	59
72) Carbazole	18.18	167	111	0.00	ng	#	59
76) Benzidine	20.35	184	205789	1.85	ng	#	91
77) Pyrene	20.36	202	48553	0.22	ng	#	71
79) Butylbenzylphthalate	21.02	149	694	5.38	ng	#	66
80) Benzo(a)anthracene	21.90	228	9811	0.05	ng	#	75
81) 3,3'-Dichlorobenzidine	21.80	252	362	0.00	ng	#	26
82) Chrysene	21.95	228	1094	0.01	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.78	149	412	2.91	ng	#	50
84) Di-n-octyl phthalate	22.75	149	1203	6.73	ng	#	74
85) Indeno(1,2,3-cd)pyrene	26.93	276	827	0.00	ng	#	59
87) Benzo(b)fluoranthene	23.63	252	2155	0.01	ng	#	1
88) Benzo(k)fluoranthene	23.67	252	1304	0.01	ng	#	1
89) Benzo(a)pyrene	24.31	252	502	0.00	ng	#	59
90) Dibenzo(a,h)anthracene	26.97	278	626	0.00	ng	#	58
91) Benzo(g,h,i)perylene	27.72	276	1009	0.00	ng	#	56

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

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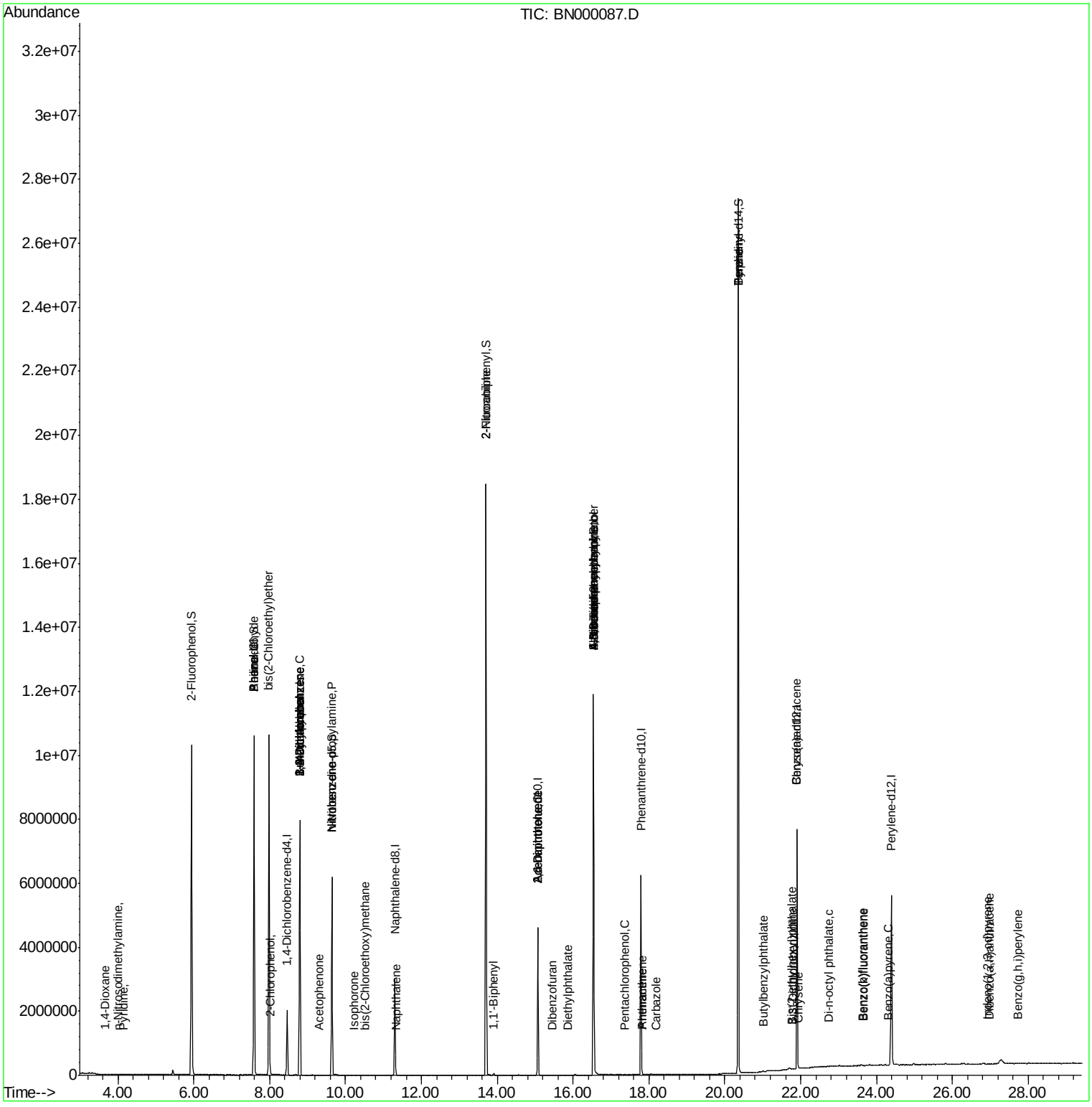
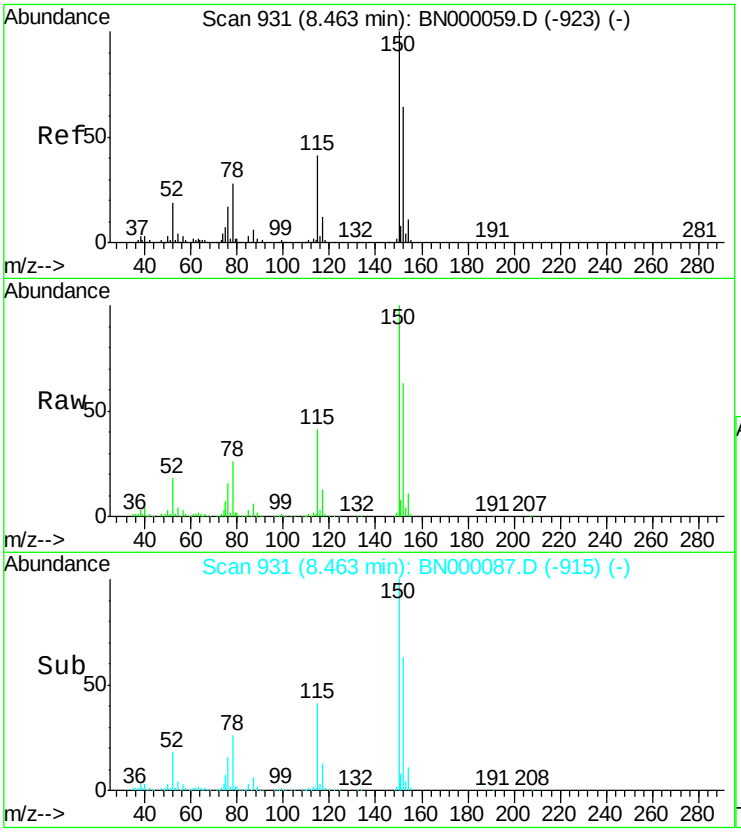
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration



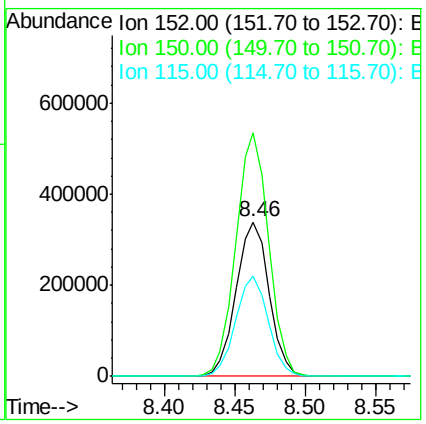


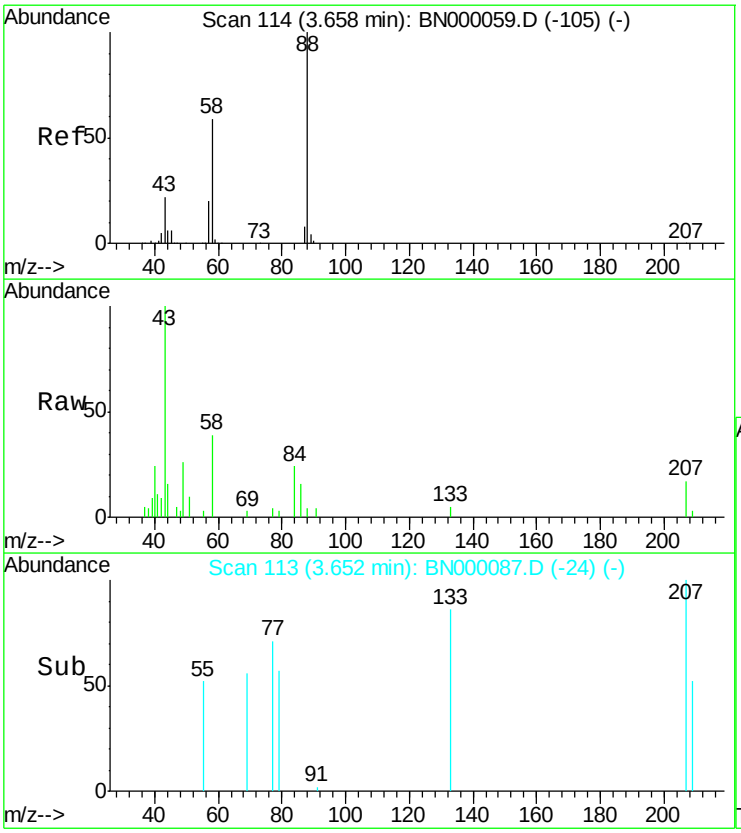
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 552966

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	64.6	53.0	79.4

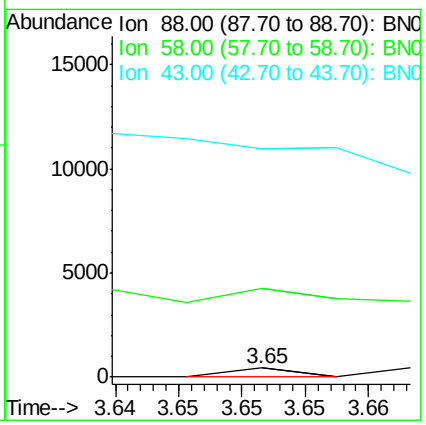


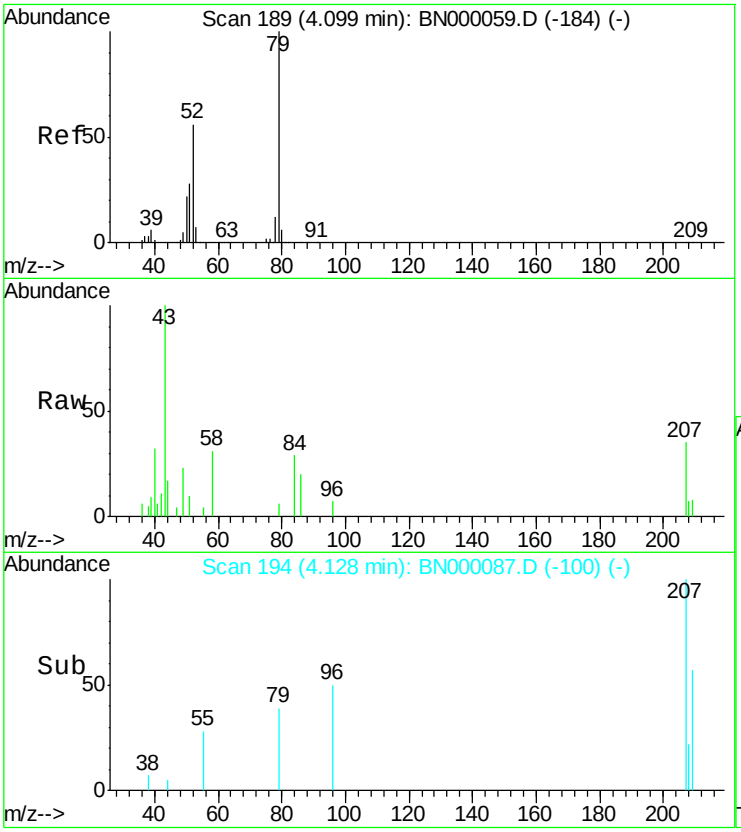


#2
1,4-Dioxane
Concen: 0.01 ng
RT: 3.65 min Scan# 113
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 88 Resp: 149

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	0.0	20.0	30.0#



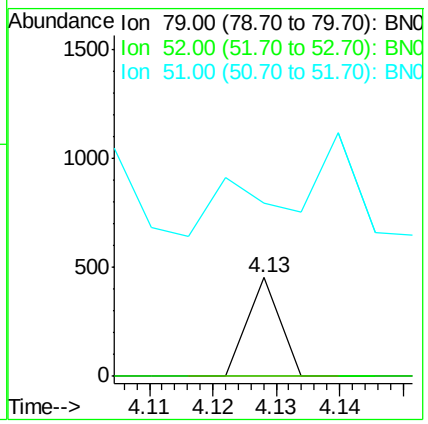


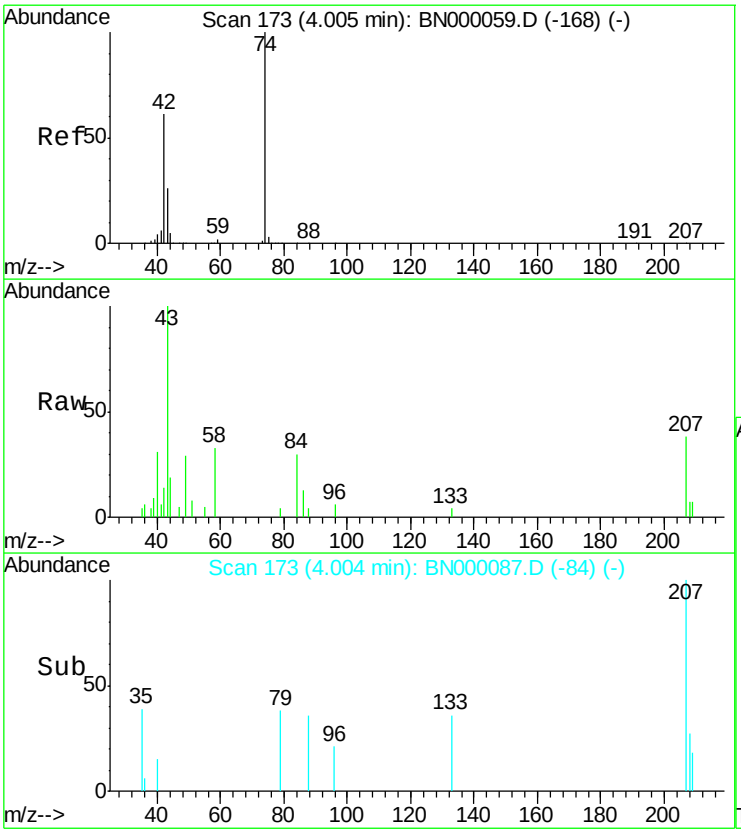
#3
Pyridine
Concen: 0.00 ng
RT: 4.13 min Scan# 194
Delta R.T. 0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 160

Ion	Ratio	Lower	Upper
79	100		
52	0.0	44.0	66.0#
51	175.5	24.0	36.0#

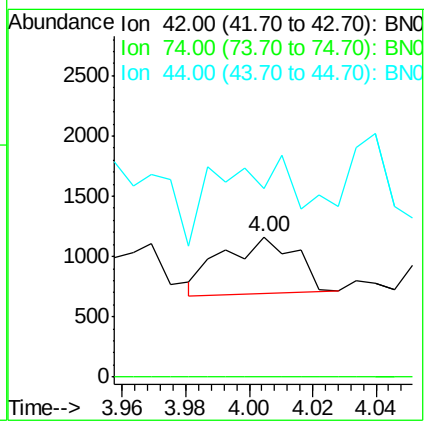


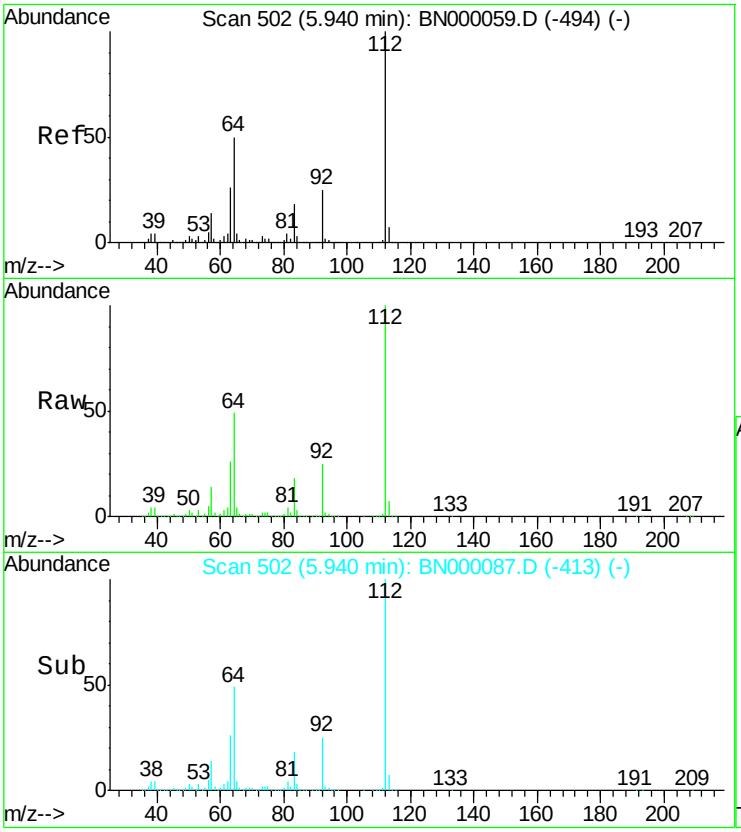


#4
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 4.00 min Scan# 173
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 42 Resp: 748

Ion	Ratio	Lower	Upper
42	100		
74	0.0	128.0	192.0#
44	135.1	12.0	18.0#



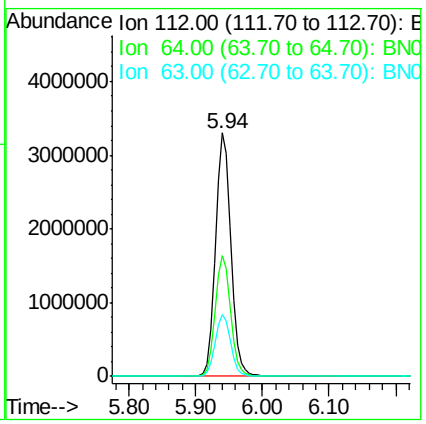


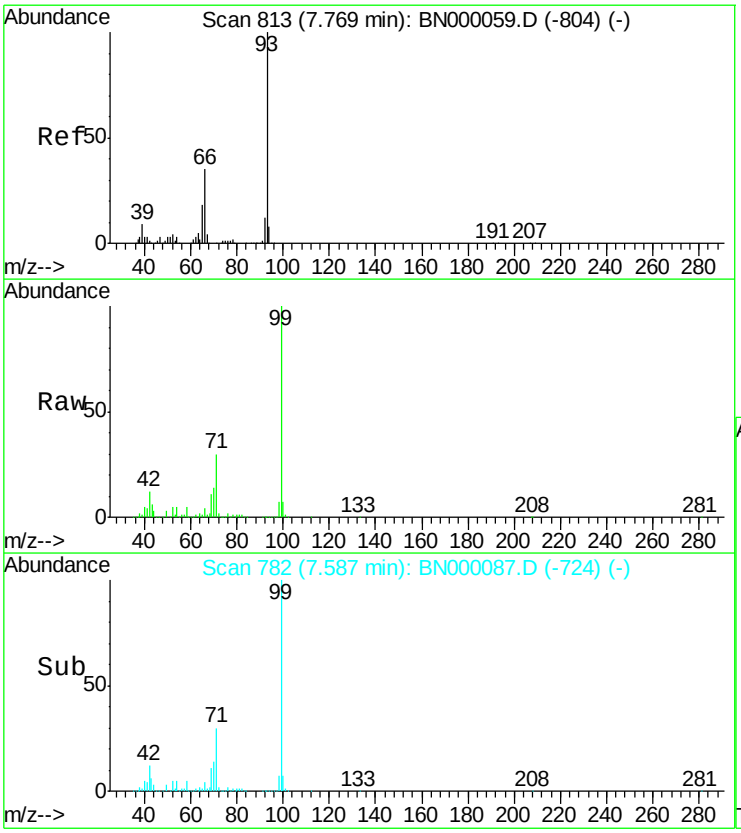
#5
2-Fluorophenol
Concen: 159.14 ng
RT: 5.94 min Scan# 502
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5399507

Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5#
63	25.6	30.1	45.1#

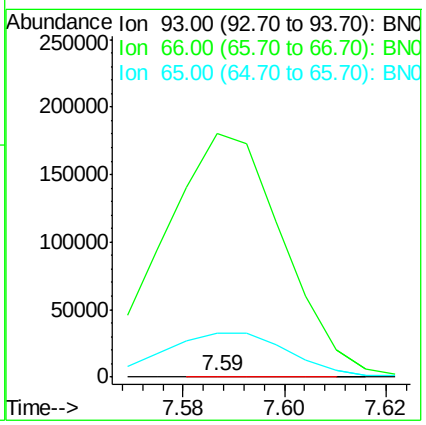


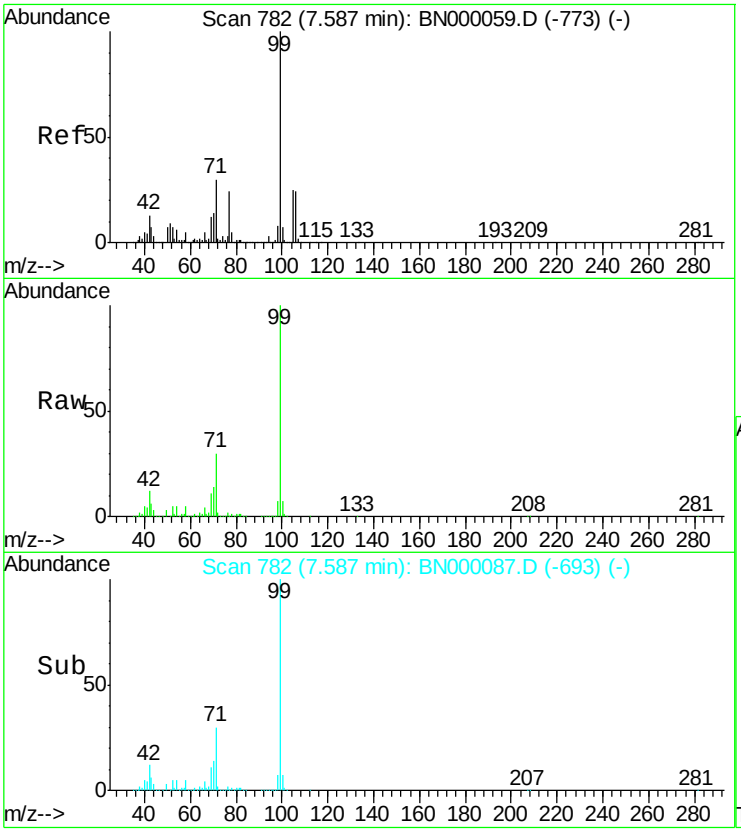


#6
Aniline
Concen: 0.01 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.19 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 93 Resp: 404

Ion	Ratio	Lower	Upper
93	100		
66	40332.9	33.7	50.5#
65	7191.1	16.1	24.1#



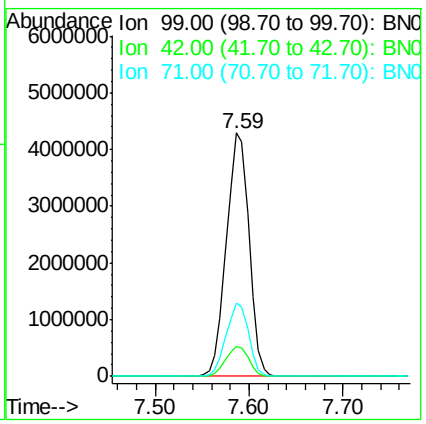


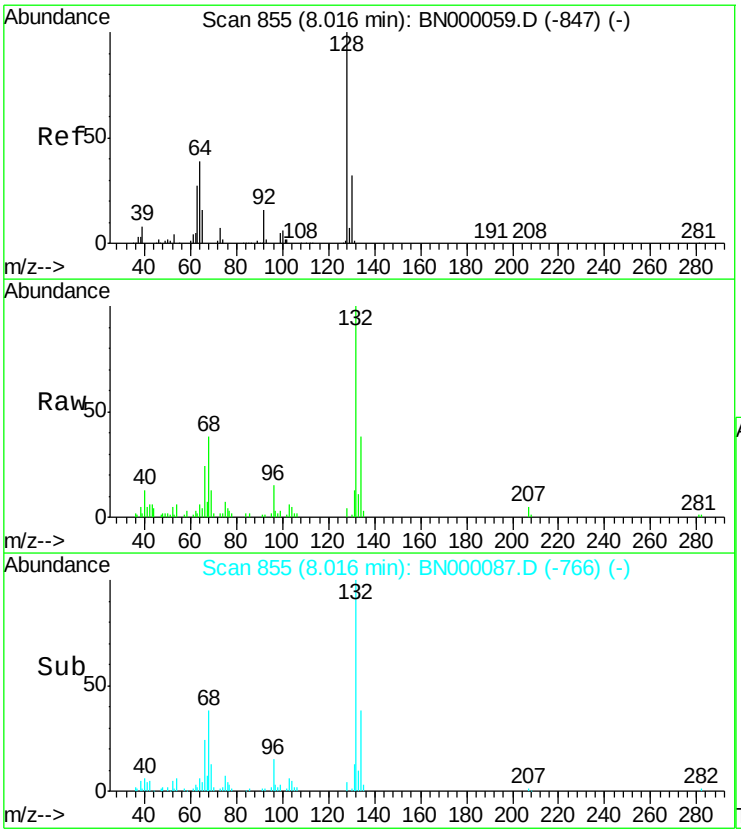
#7
Phenol-d6
Concen: 140.35 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7213405

Ion	Ratio	Lower	Upper
99	100		
42	12.5	14.1	21.1#
71	30.0	26.1	39.1

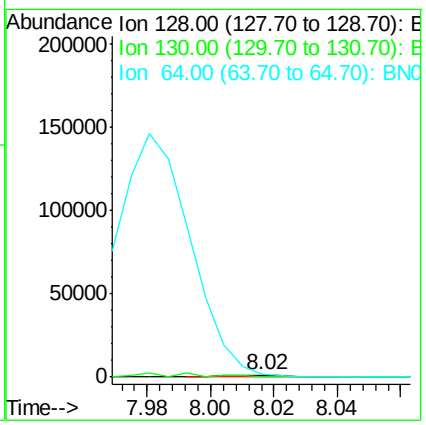


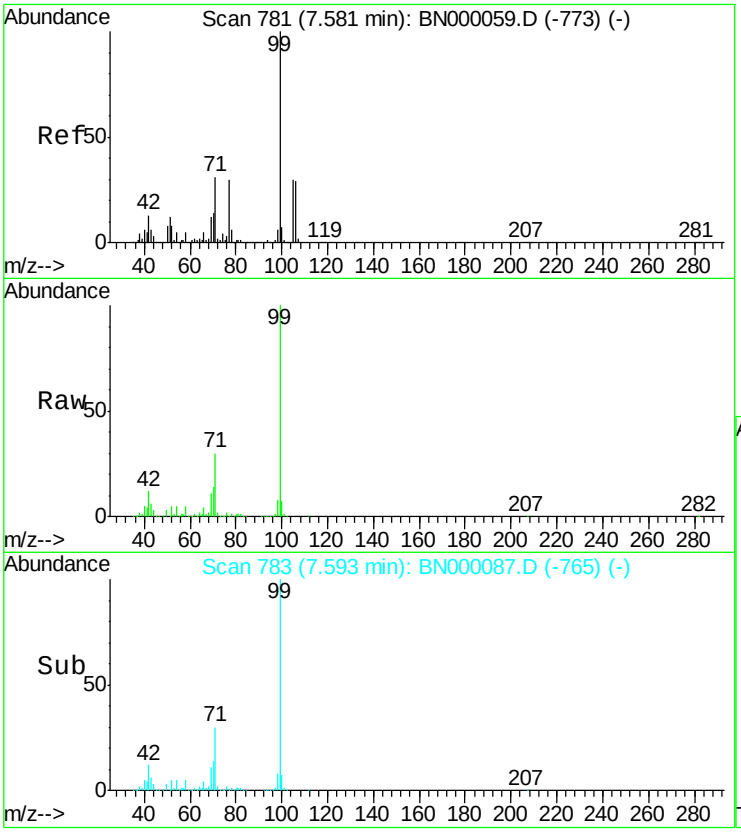


#8
2-Chlorophenol
Concen: 0.04 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:128 Resp: 1733

Ion	Ratio	Lower	Upper
128	100		
130	35.7	14.0	54.0
64	162.3	37.7	77.7#



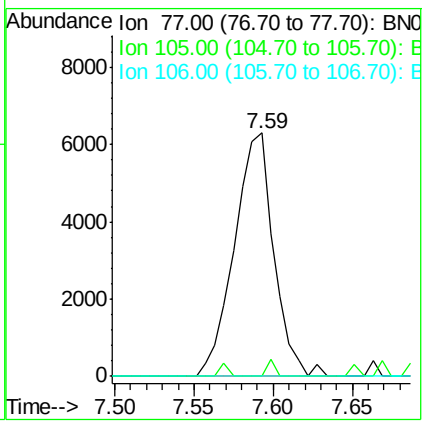


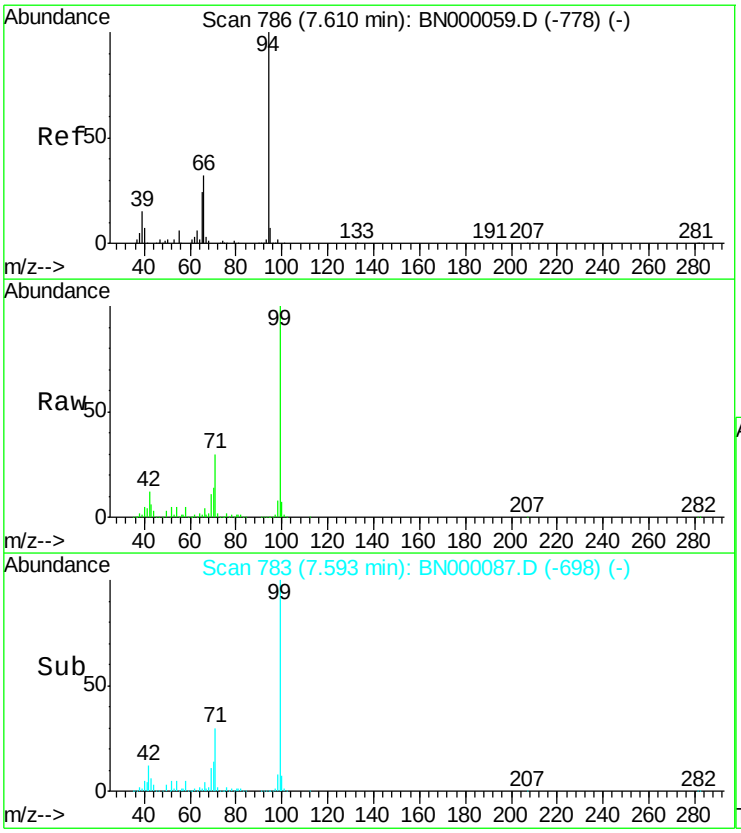
#9
Benzaldehyde
Concen: 0.34 ng
RT: 7.59 min Scan# 783
Delta R.T. 0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 10902

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.3	111.3#
106	0.0	64.2	104.2#

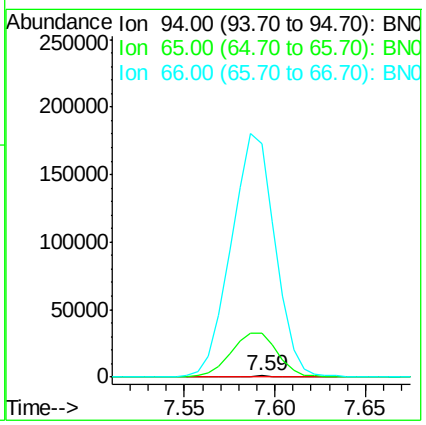


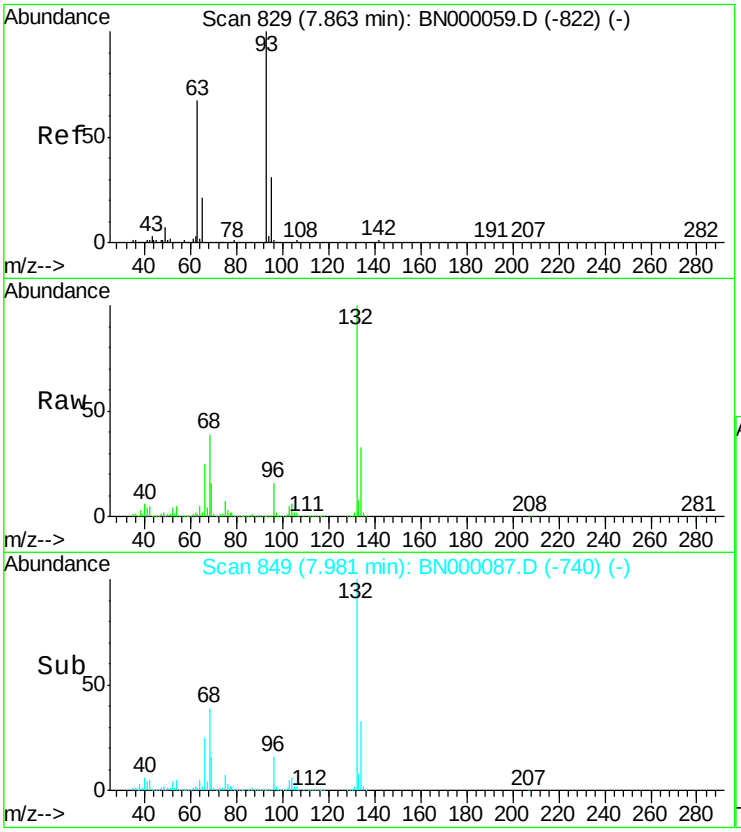


#10
Phenol
Concen: 0.03 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.03 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 94 Resp: 1836

Ion	Ratio	Lower	Upper
94	100		
65	3649.5	11.9	51.9#
66	19599.5	22.2	62.2#



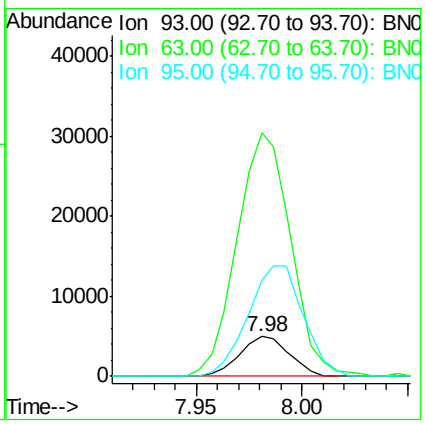


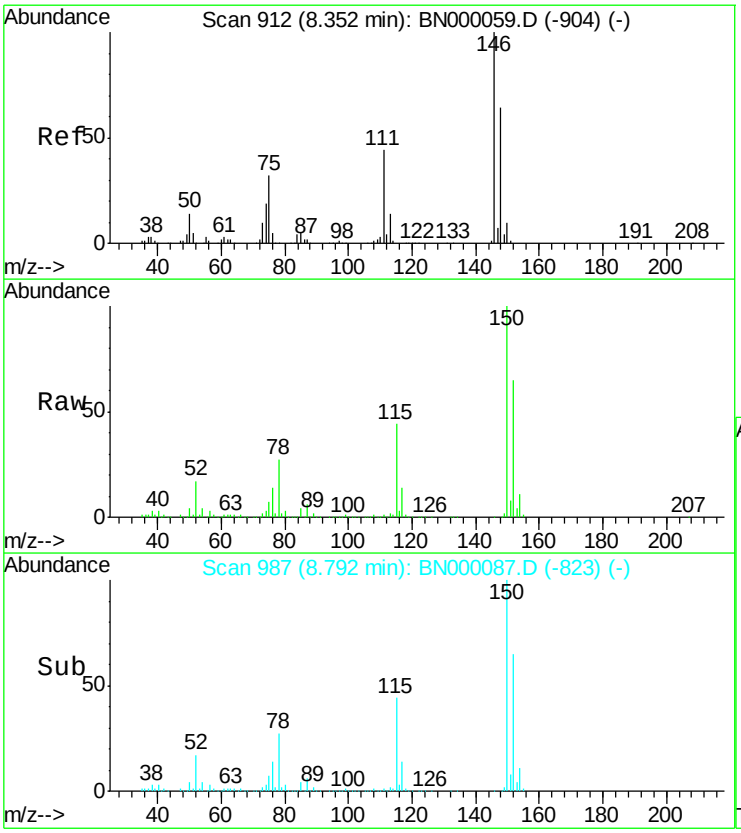
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.11 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 8127

Ion	Ratio	Lower	Upper
93	100		
63	608.4	67.1	107.1#
95	239.9	11.5	51.5#

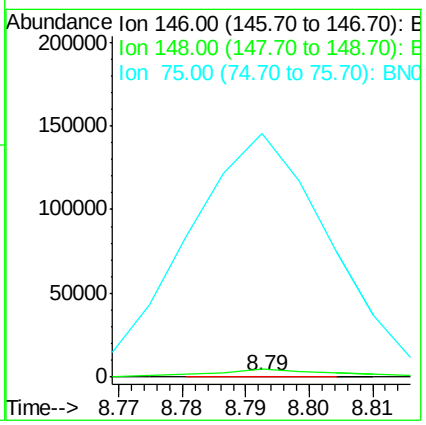


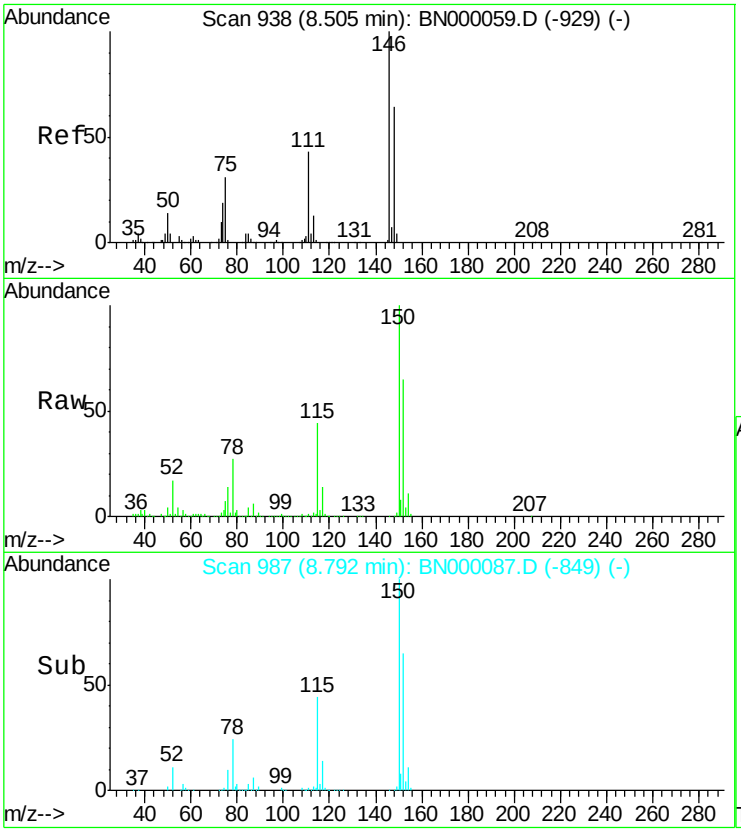


#12
1,3-Dichlorobenzene
Concen: 0.00 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.44 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:146 Resp: 128

Ion	Ratio	Lower	Upper
146	100		
148	1254.7	51.4	77.2#
75	39929.7	26.6	39.8#



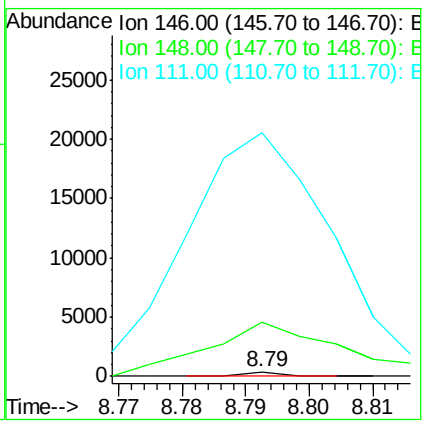


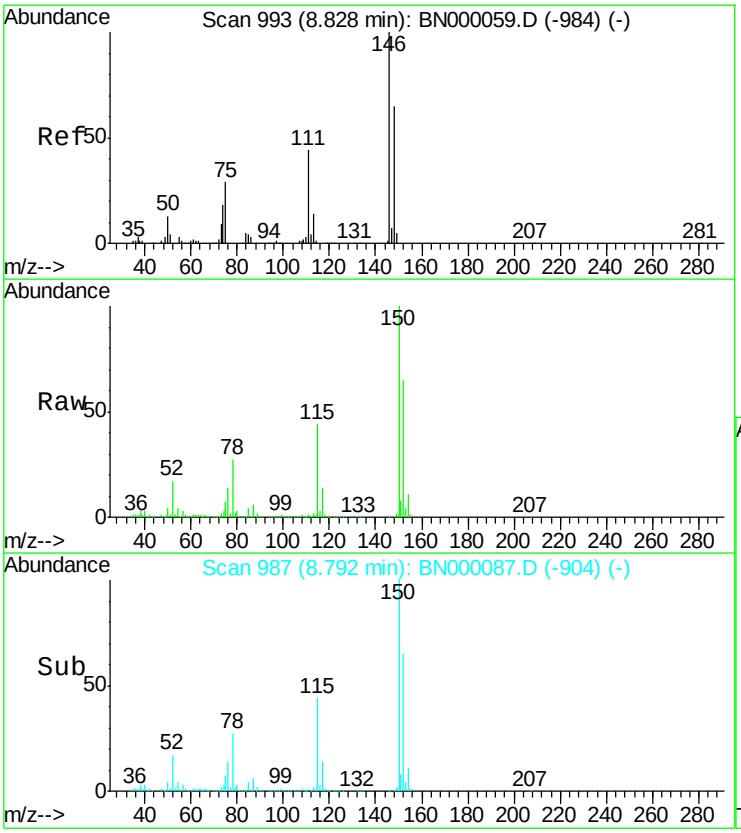
#13
1,4-Dichlorobenzene
Concen: 0.00 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.28 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 128

Ion	Ratio	Lower	Upper
146	100		
148	1254.7	53.7	80.5#
111	5644.0	35.2	52.8#

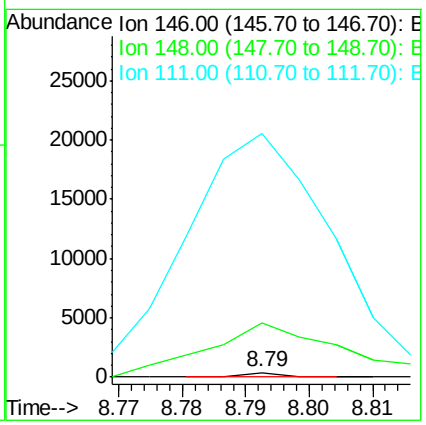


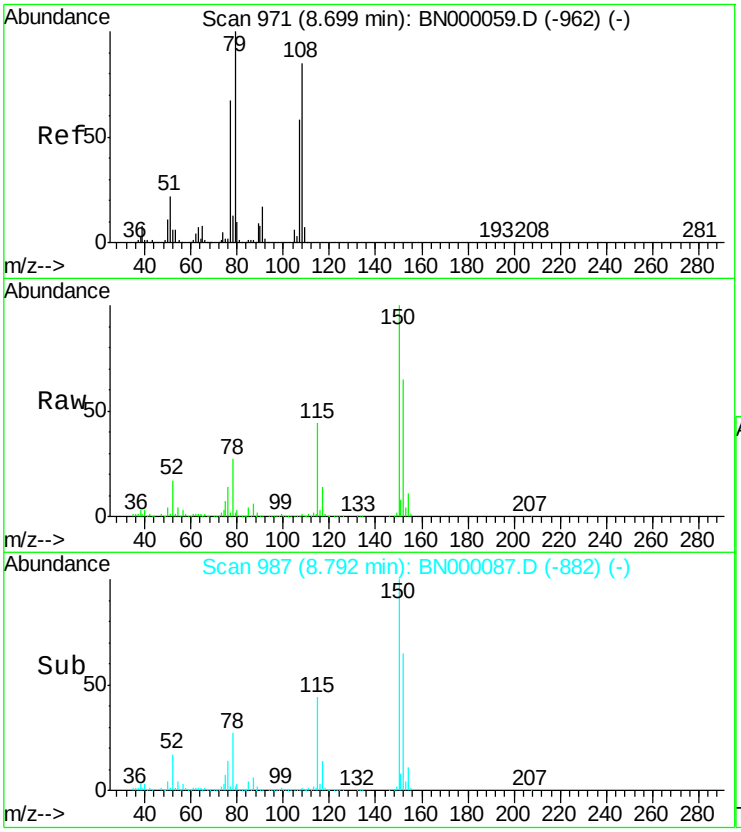


#14
1,2-Dichlorobenzene
Concen: 0.00 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.04 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:146 Resp: 128

Ion	Ratio	Lower	Upper
146	100		
148	1254.7	49.3	73.9#
111	5644.0	34.3	51.5#



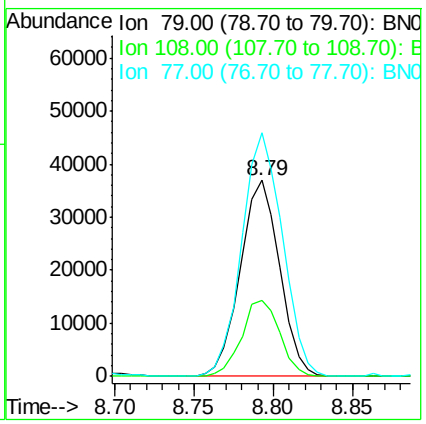


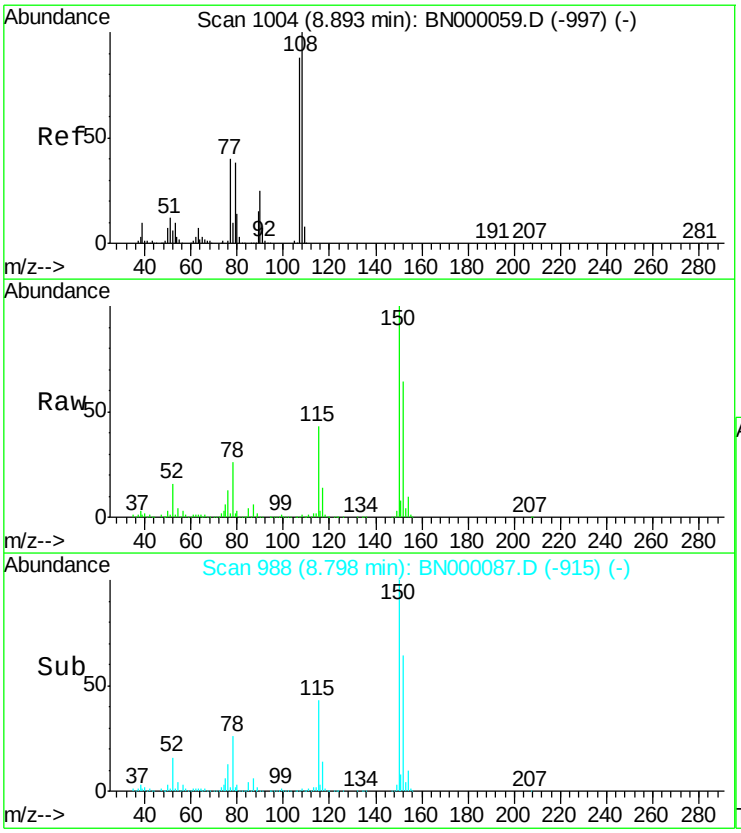
#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.09 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 63905

Ion	Ratio	Lower	Upper
79	100		
108	38.6	57.2	85.8#
77	124.2	46.1	69.1#

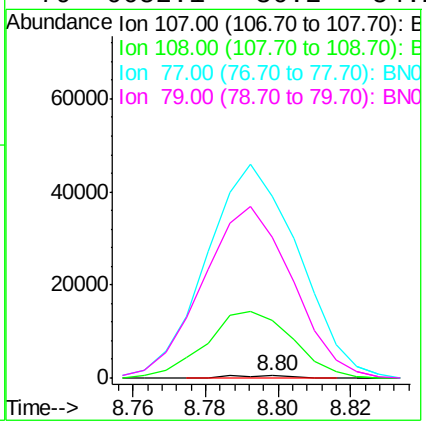


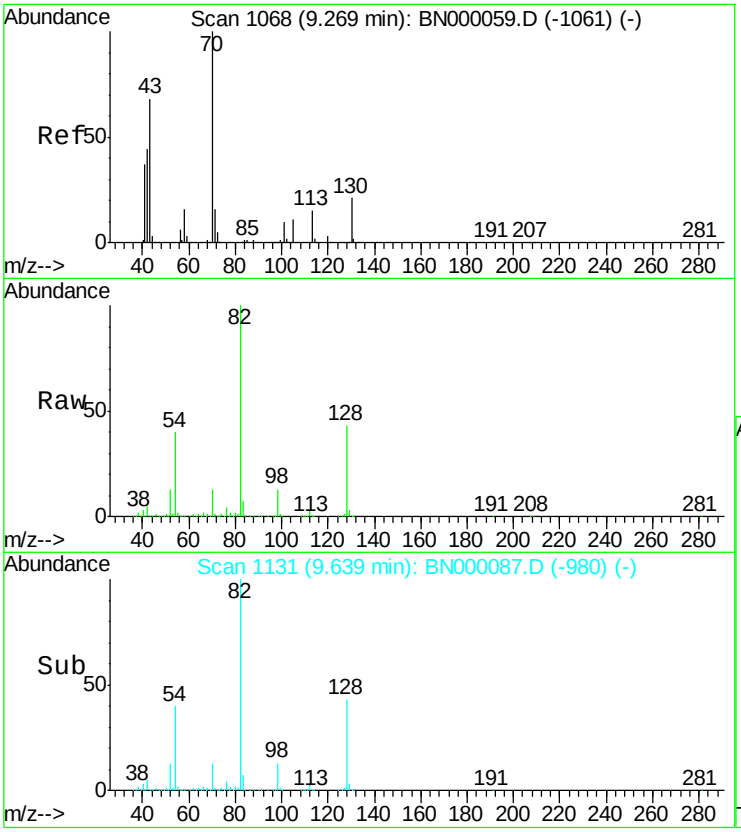


#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.10 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:107 Resp: 570

Ion	Ratio	Lower	Upper
107	100		
108	2729.5	83.9	125.9#
77	8560.2	37.2	55.8#
79	6652.1	36.2	54.2#



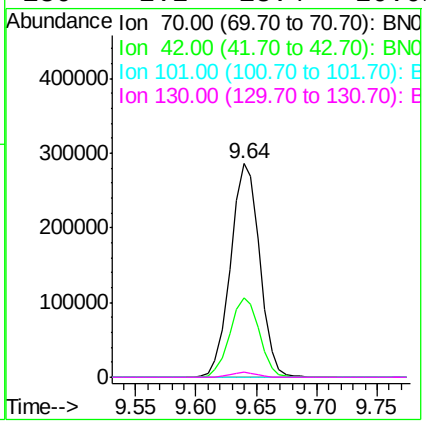


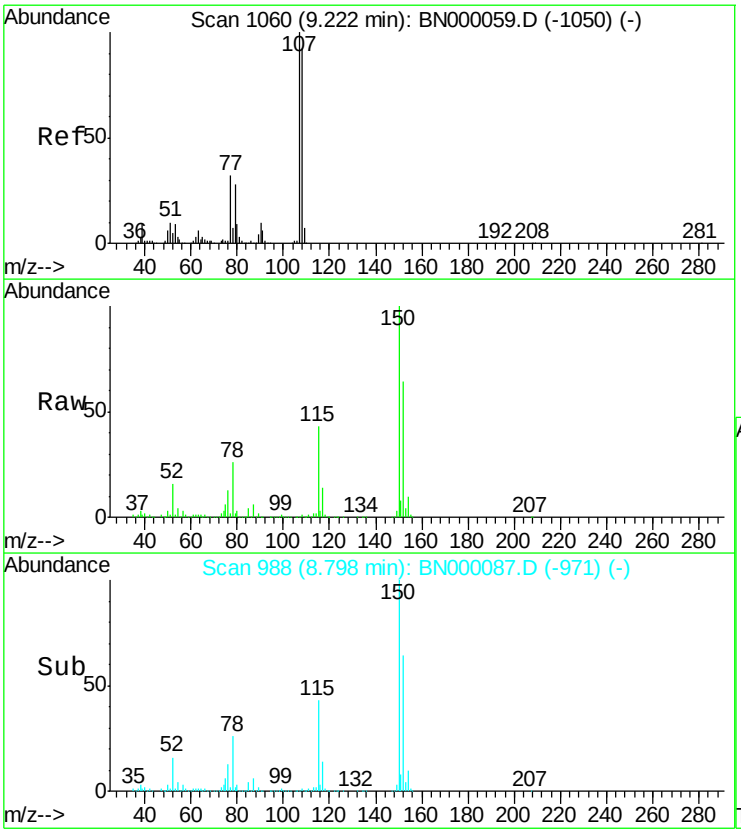
#19
n-Nitroso-di-n-propylamine
Concen: 13.93 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.36 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 479863

Ion	Ratio	Lower	Upper
70	100		
42	37.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

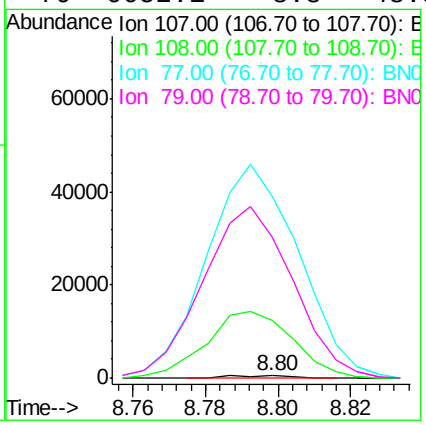


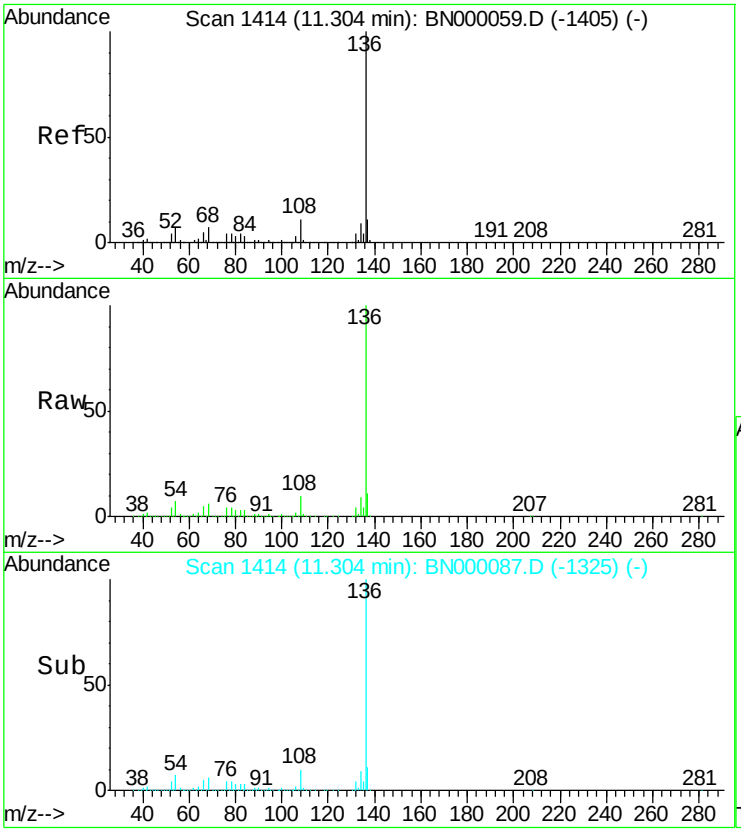


#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.43 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:107 Resp: 570

Ion	Ratio	Lower	Upper
107	100		
108	2729.5	61.6	101.6#
77	8560.2	13.9	53.9#
79	6652.1	8.8	48.8#



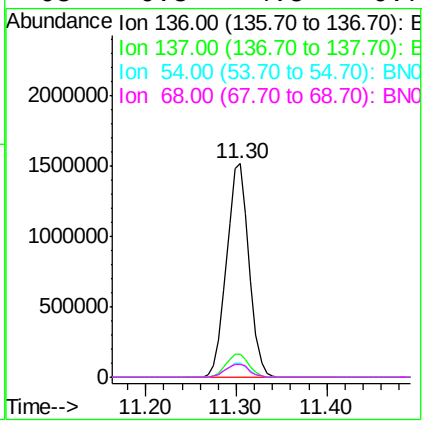


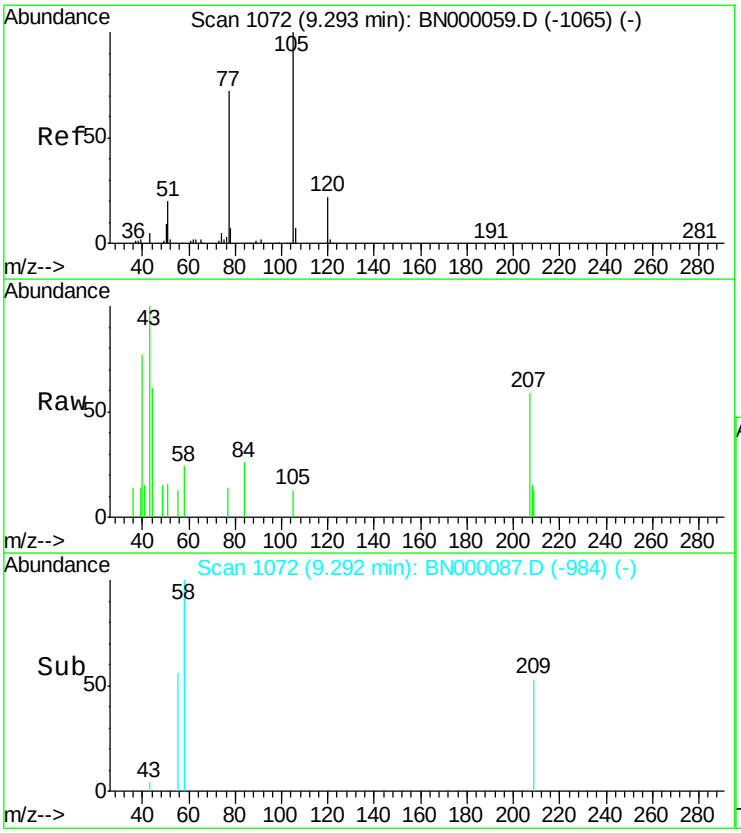
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 2603990

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.5	10.3	15.5#
68	6.3	4.5	6.7

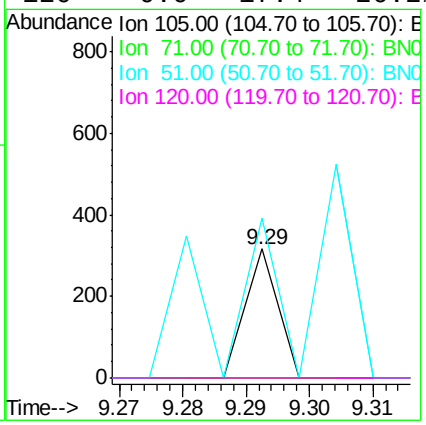


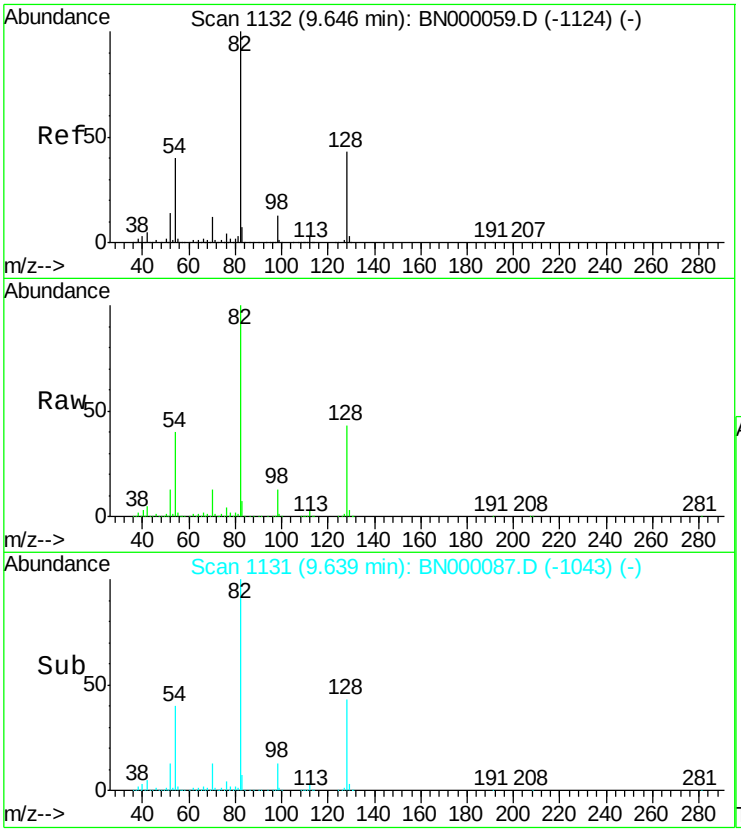


#22
Acetophenone
Concen: 0.00 ng
RT: 9.29 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:105 Resp: 112

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	124.1	26.1	39.1#
120	0.0	17.4	26.2#

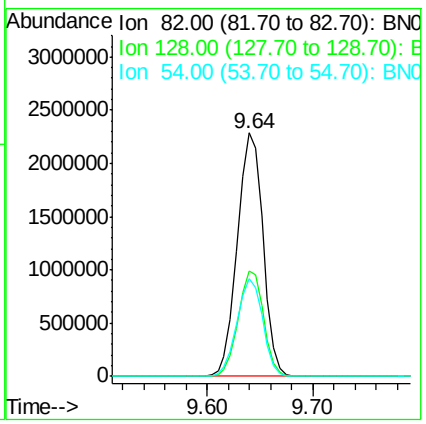




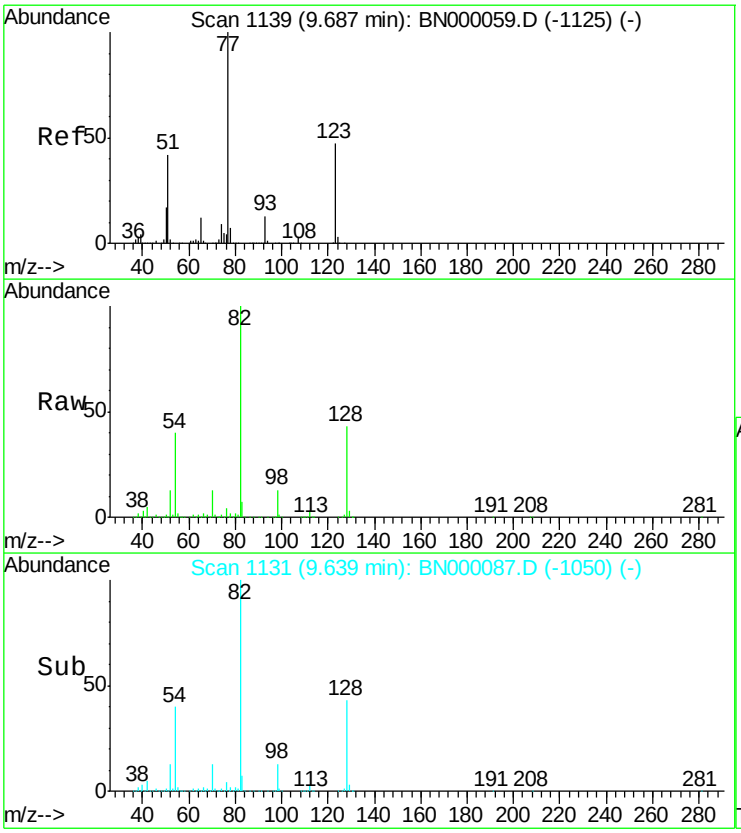
#23
Nitrobenzene-d5
Concen: 87.65 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 82 Resp: 3839035

Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	40.2	43.1	64.7#



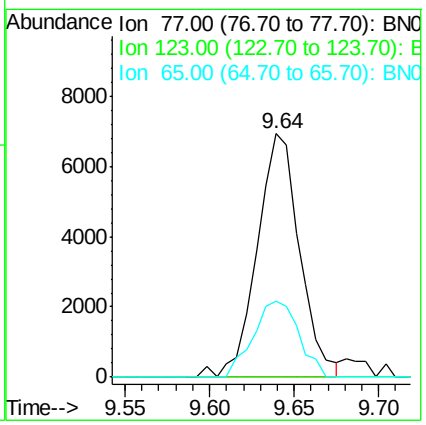
Instrument :
BNA_N
ClientSampleId :

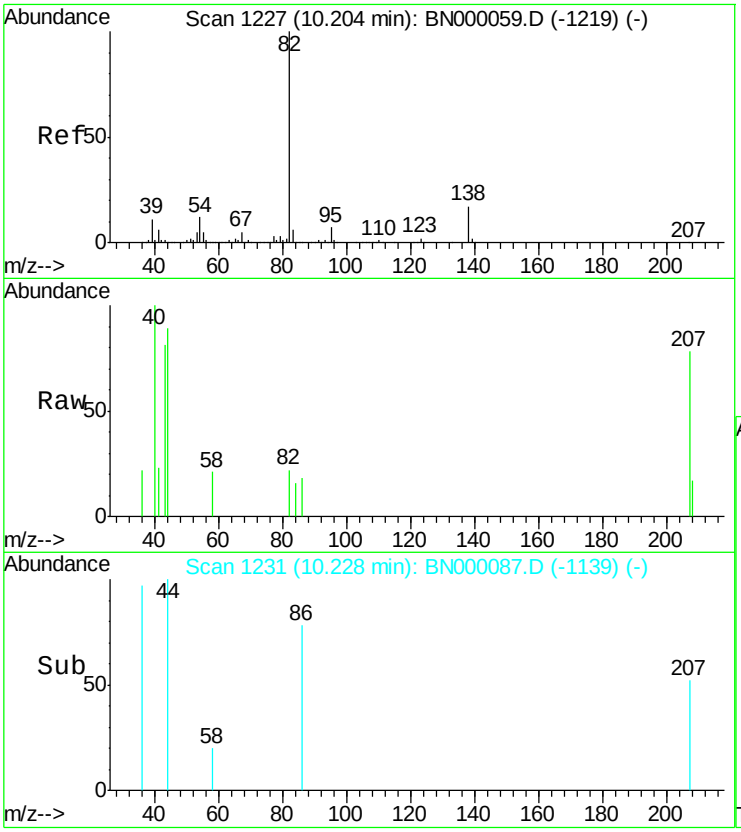


#24
Nitrobenzene
Concen: 0.25 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.05 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 77 Resp: 12119

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	31.2	13.0	19.6#



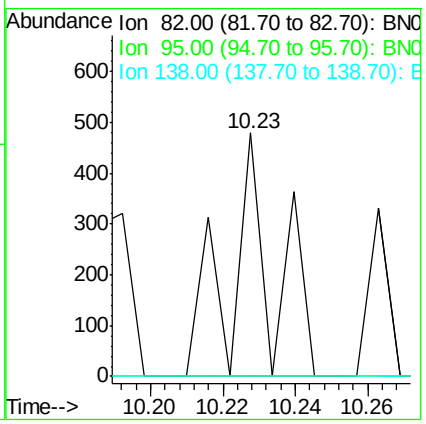


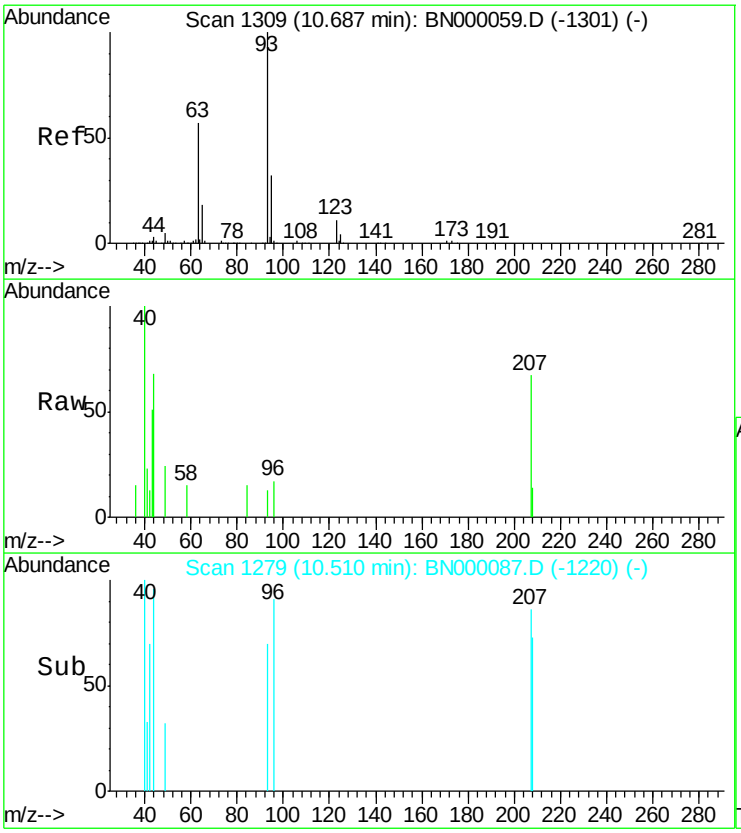
#25
Isophorone
Concen: 0.00 ng
RT: 10.23 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 408

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

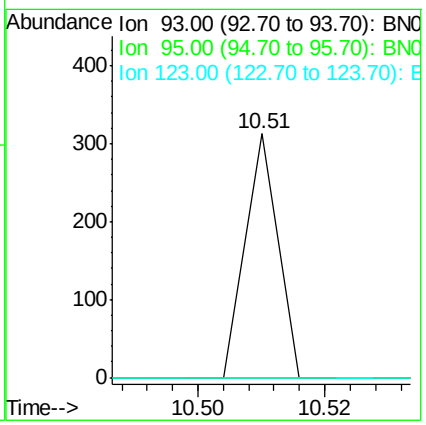


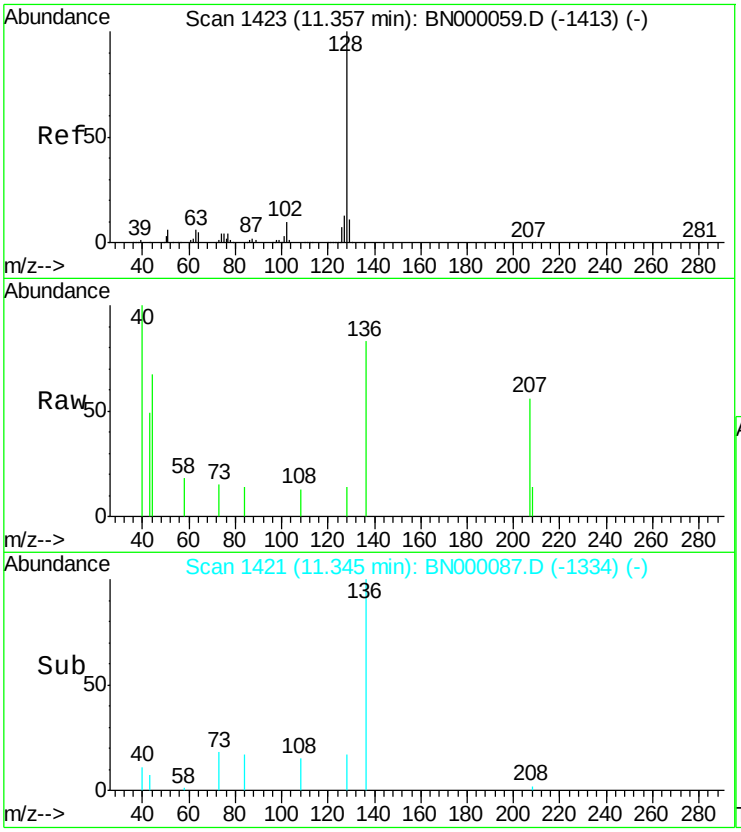


#28
bis(2-Chloroethoxy)methane
Concen: 0.00 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.18 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 93 Resp: 110

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#



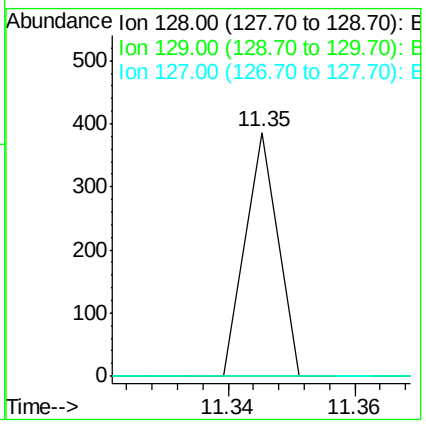


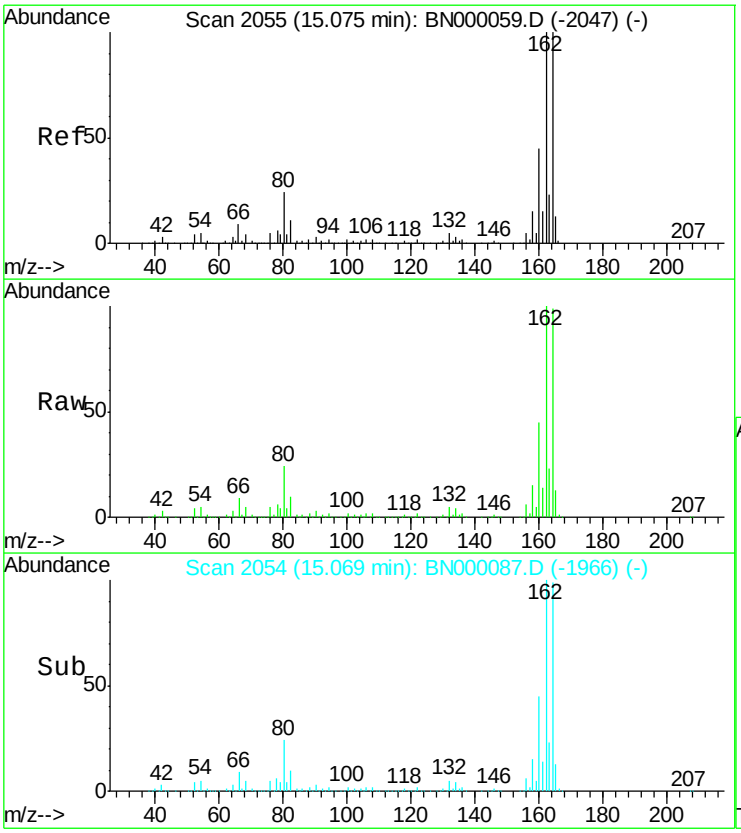
#31
Naphthalene
Concen: 0.00 ng
RT: 11.35 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 136

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#

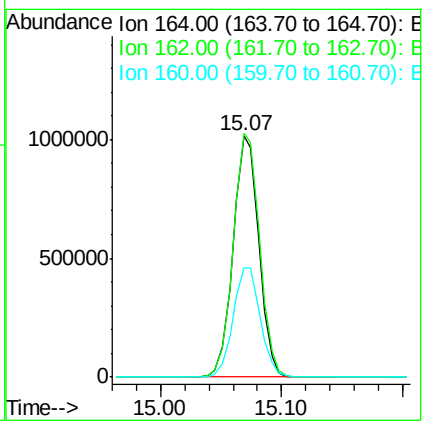


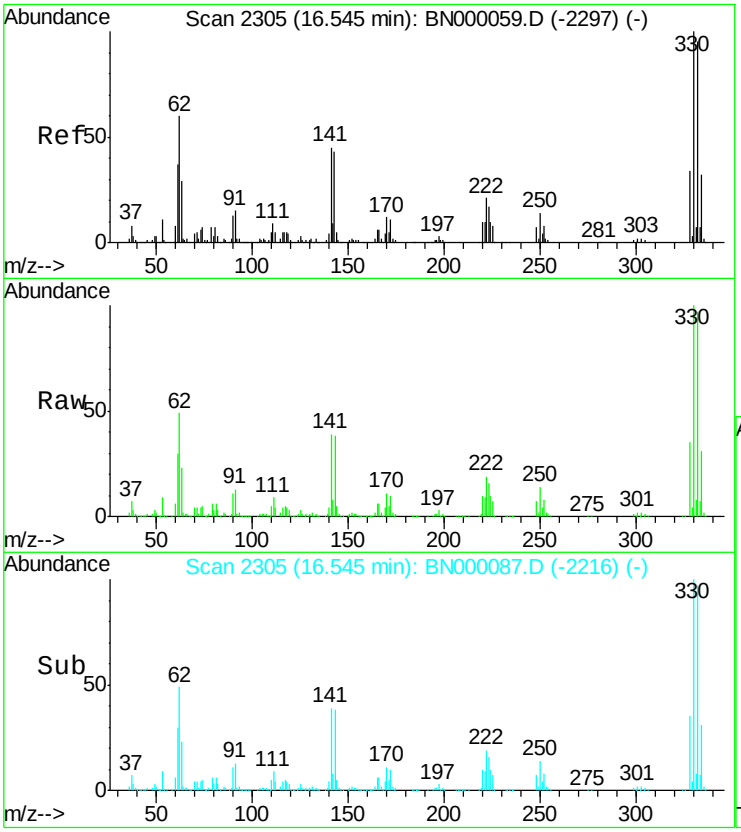


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:164 Resp: 1505394

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	45.4	35.4	53.0



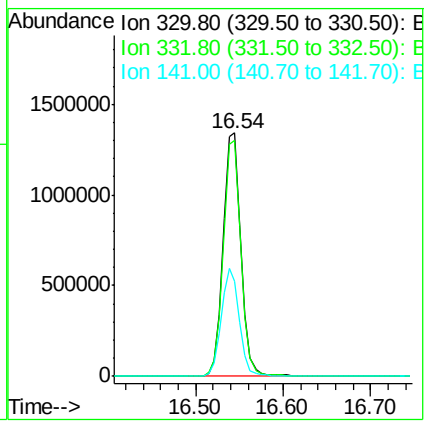


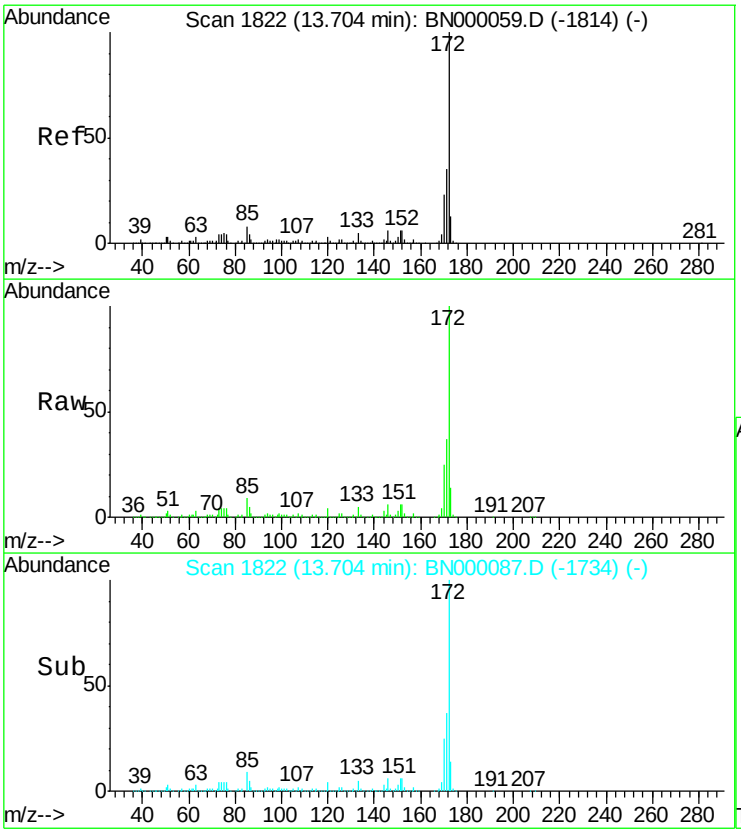
#41
2,4,6-Tribromophenol
Concen: 127.58 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1901022

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	44.9	25.2	37.8#

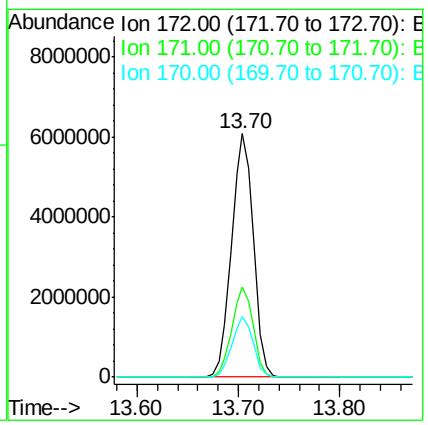


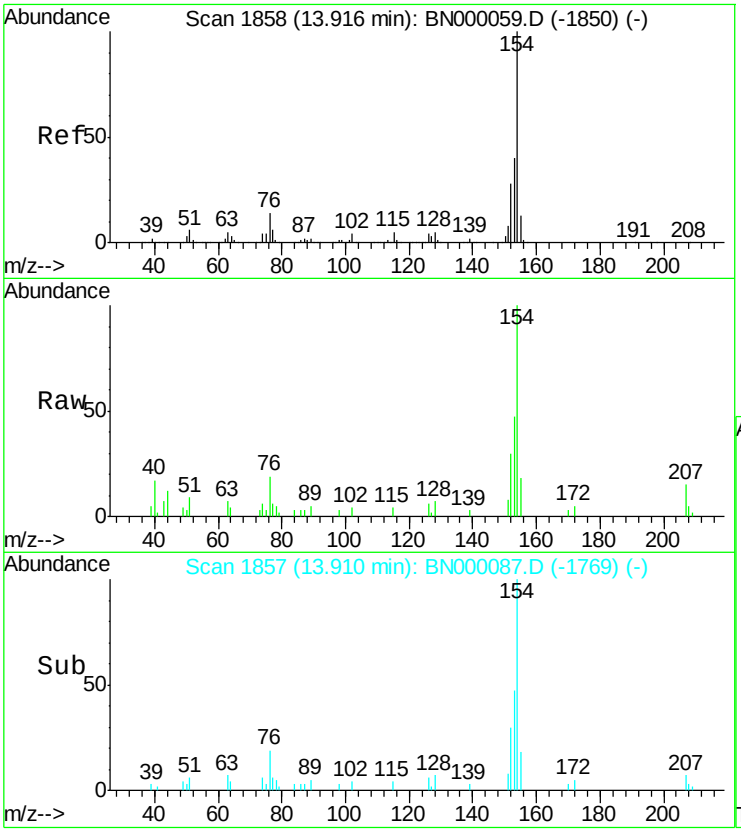


#44
2-Fluorobiphenyl
Concen: 84.59 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:172 Resp: 9034674

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.8	19.5	29.3



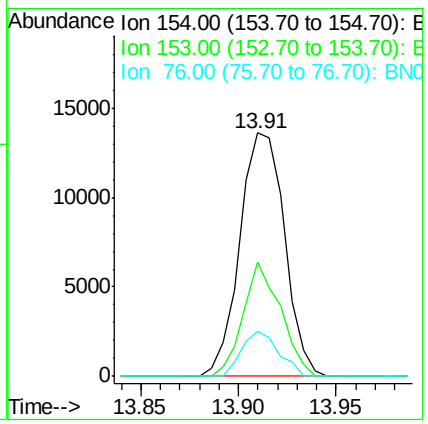


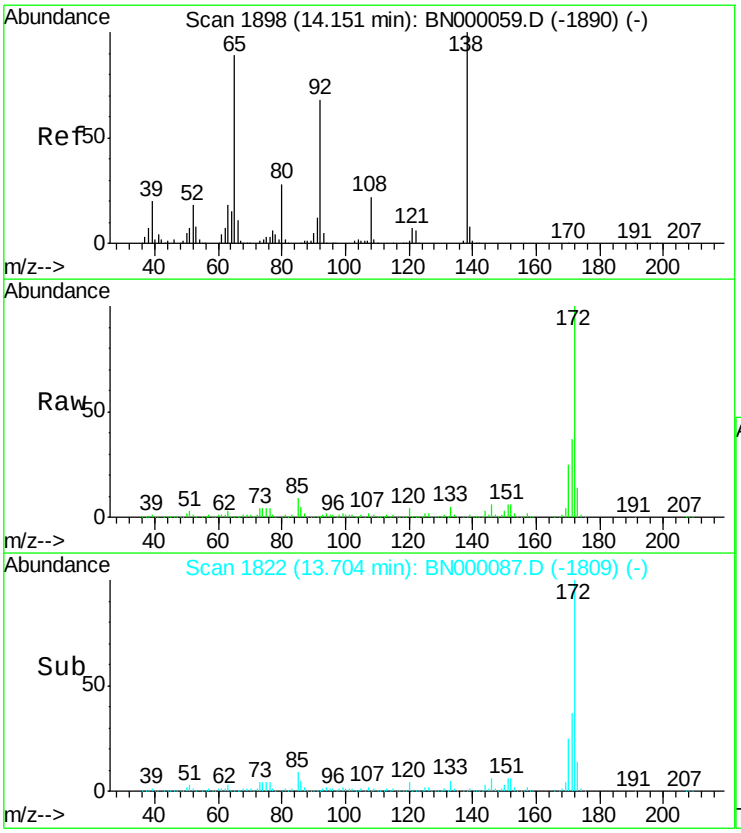
#45
1,1'-Biphenyl
Concen: 0.16 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 21572

Ion	Ratio	Lower	Upper
154	100		
153	46.9	19.8	59.8
76	18.6	0.0	31.9

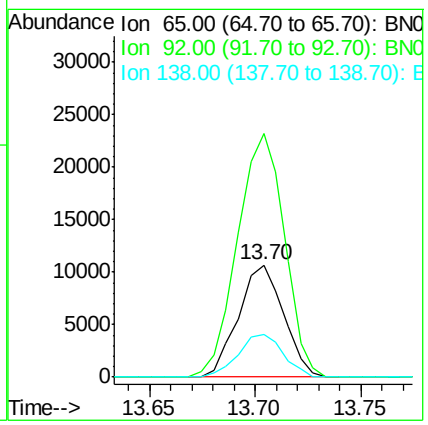


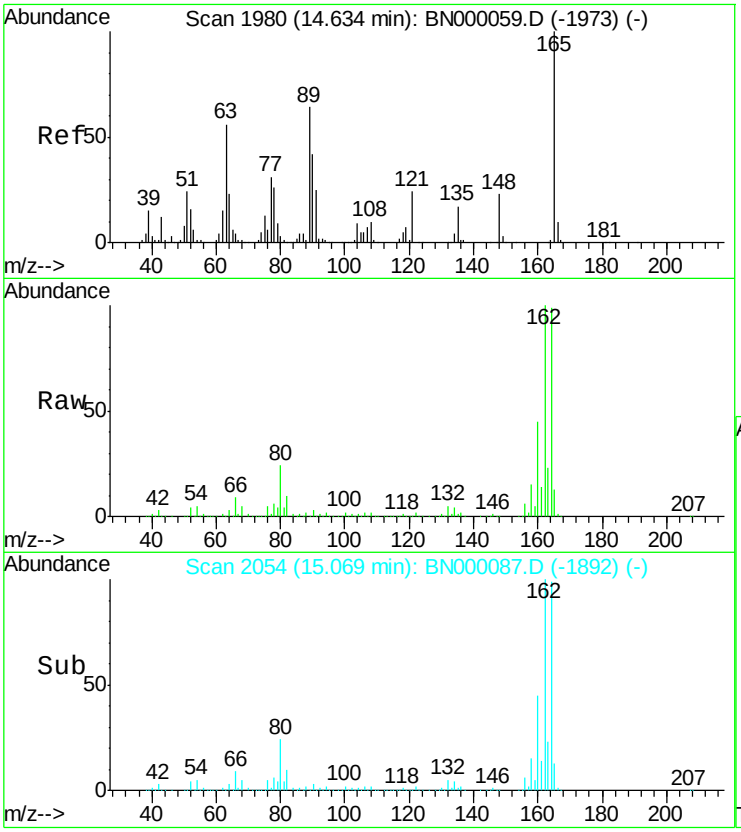


#47
2-Nitroaniline
Concen: 5.37 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.45 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 65 Resp: 15820

Ion	Ratio	Lower	Upper
65	100		
92	217.7	54.6	82.0#
138	37.7	72.9	109.3#



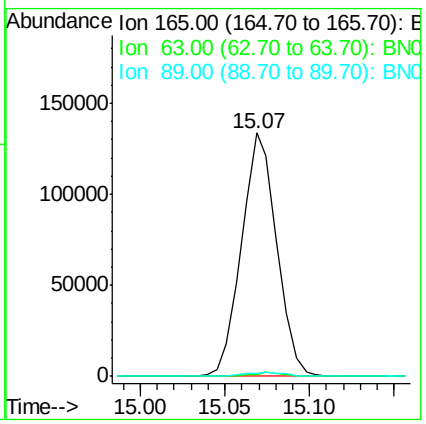


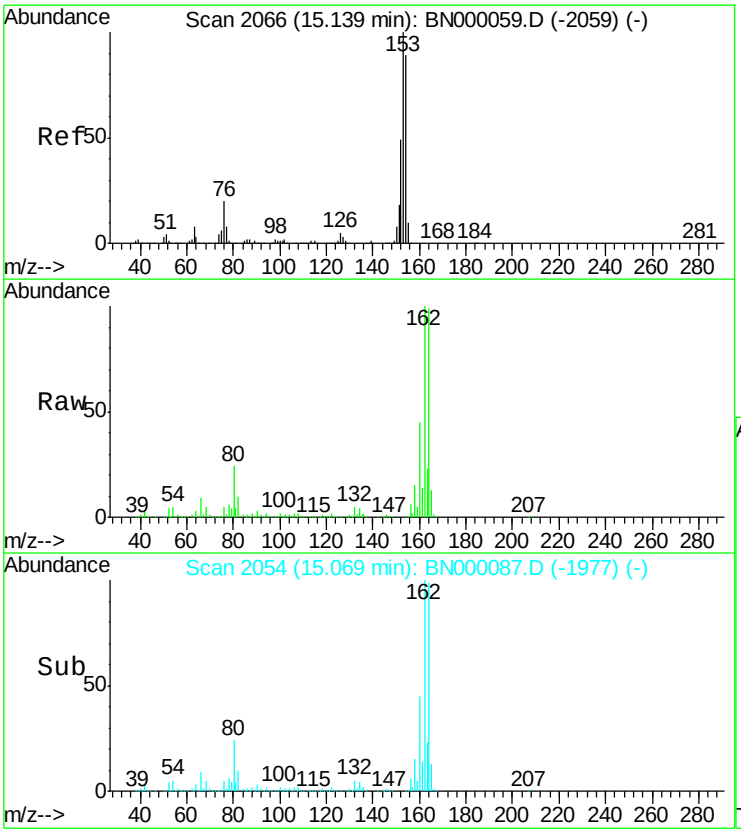
#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.42 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 193132

Ion	Ratio	Lower	Upper
165	100		
63	0.9	52.7	79.1#
89	1.5	49.2	73.8#

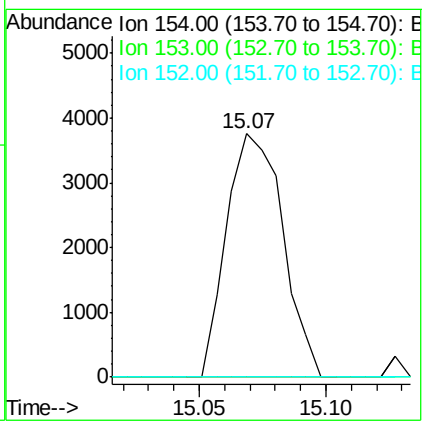


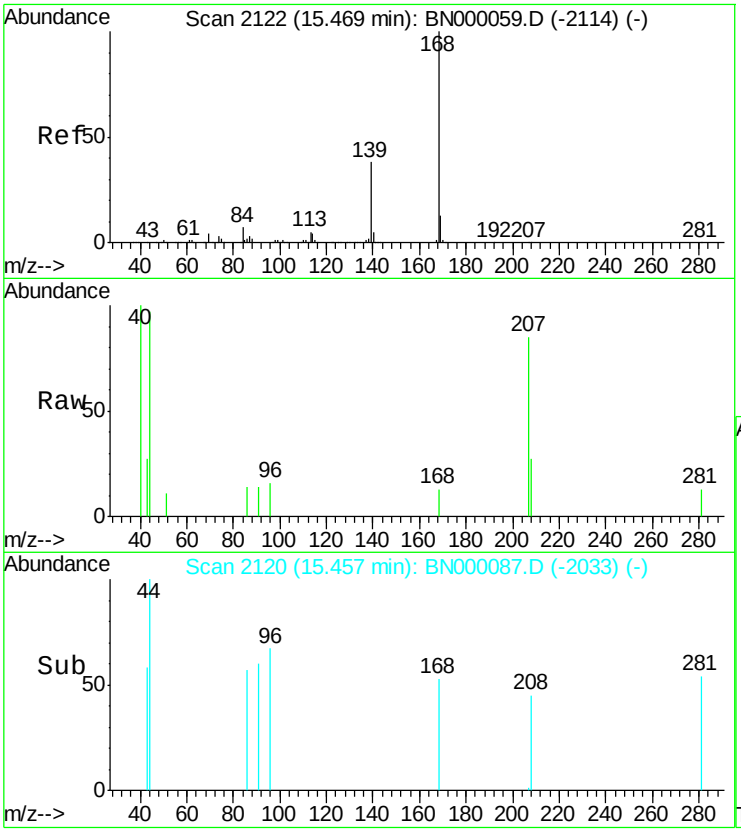


#51
Acenaphthene
Concen: 0.06 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.08 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:154 Resp: 5813

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	41.6	62.4#



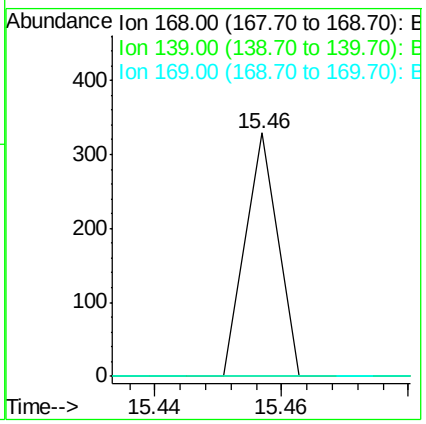


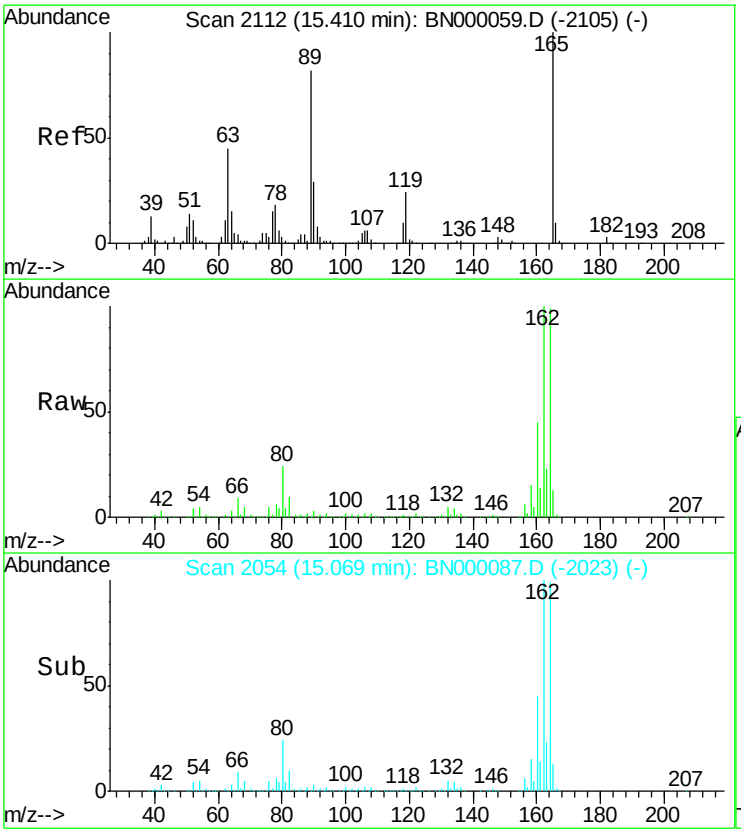
#54
Dibenzofuran
Concen: 0.00 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 116

Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.6	43.0#
169	0.0	11.2	16.8#

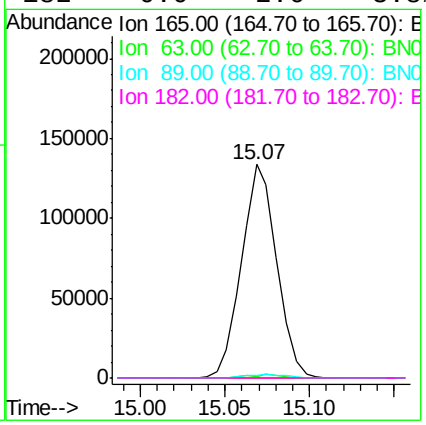


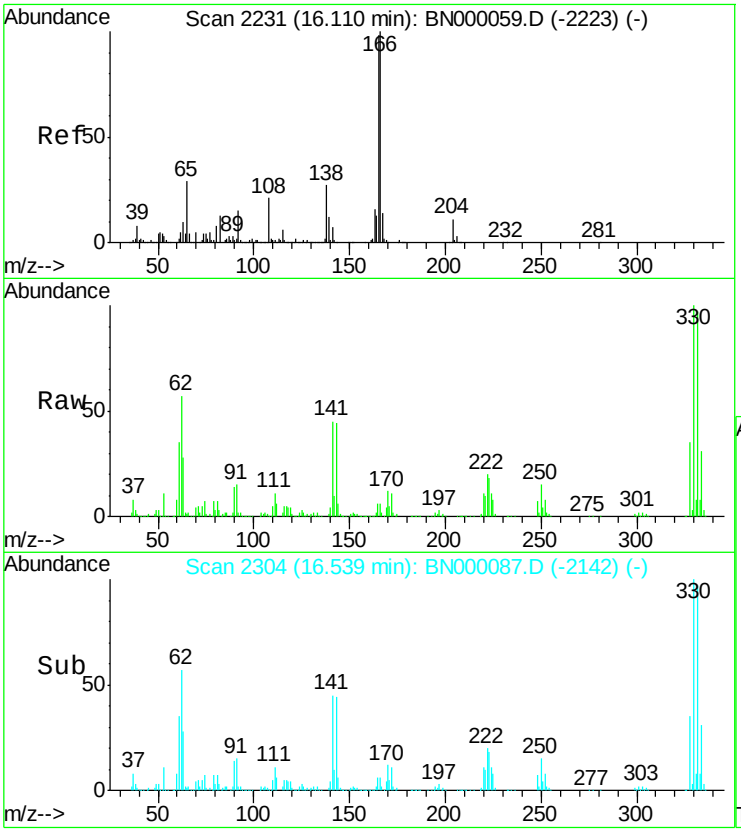


#56
2,4-Dinitrotoluene
Concen: 8.92 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:165 Resp: 193132

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



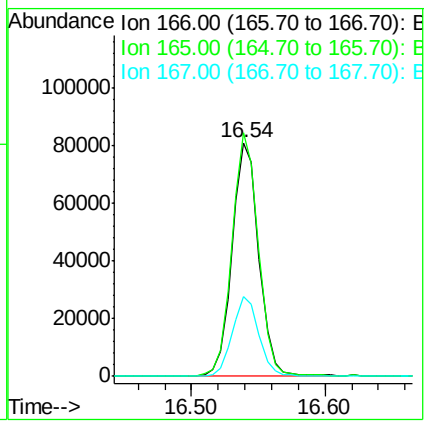


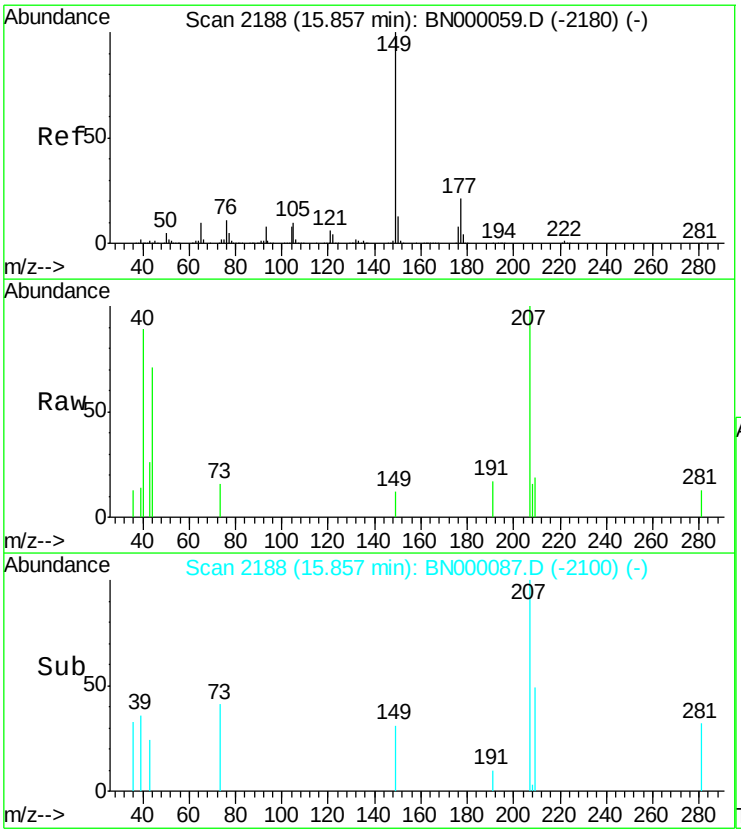
#57
Fluorene
Concen: 0.94 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.42 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 113466

Ion	Ratio	Lower	Upper
166	100		
165	104.1	80.6	121.0
167	34.3	10.4	15.6#

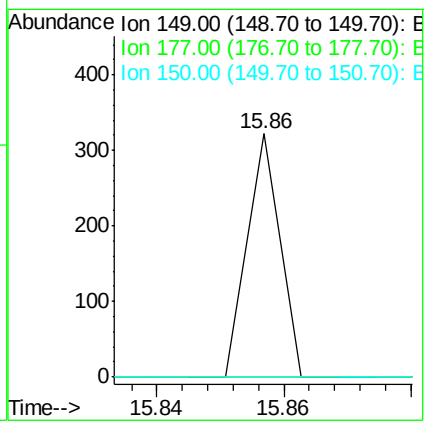


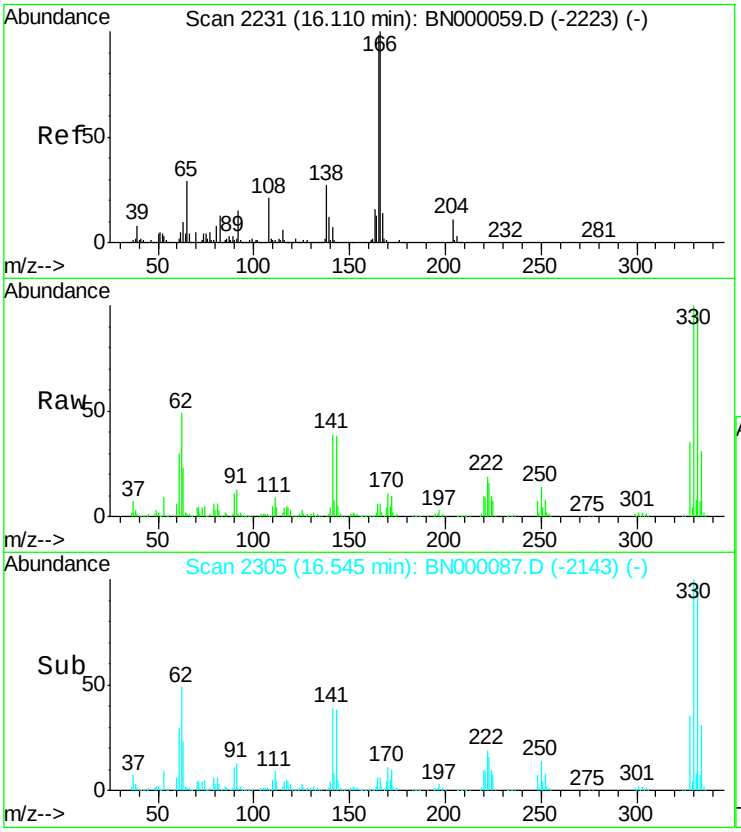


#59
Diethylphthalate
Concen: 0.00 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:149 Resp: 114

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#



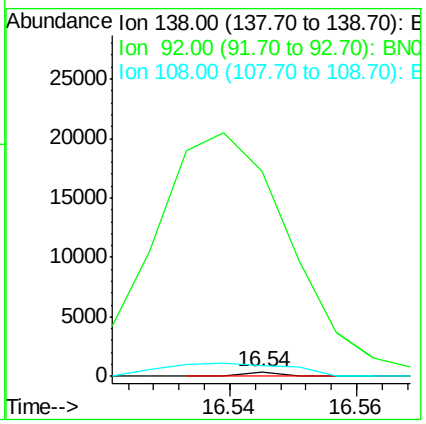


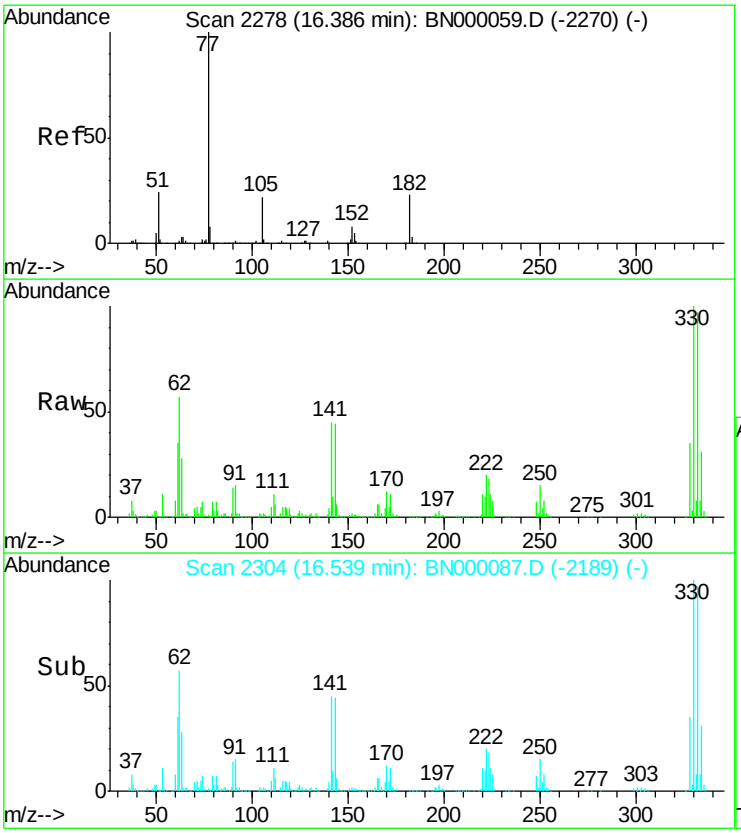
#61
4-Nitroaniline
Concen: 0.00 ng
RT: 16.54 min Scan# 2305
Delta R.T. 0.42 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 132

Ion	Ratio	Lower	Upper
138	100		
92	4588.8	40.1	80.1#
108	253.1	65.4	105.4#

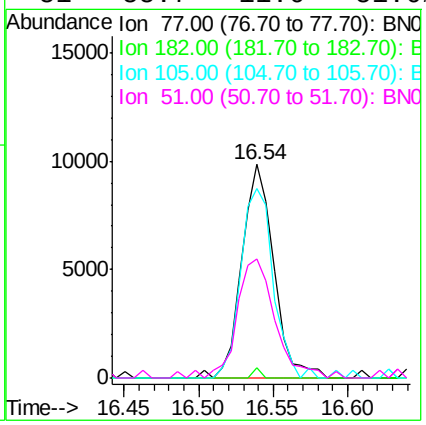


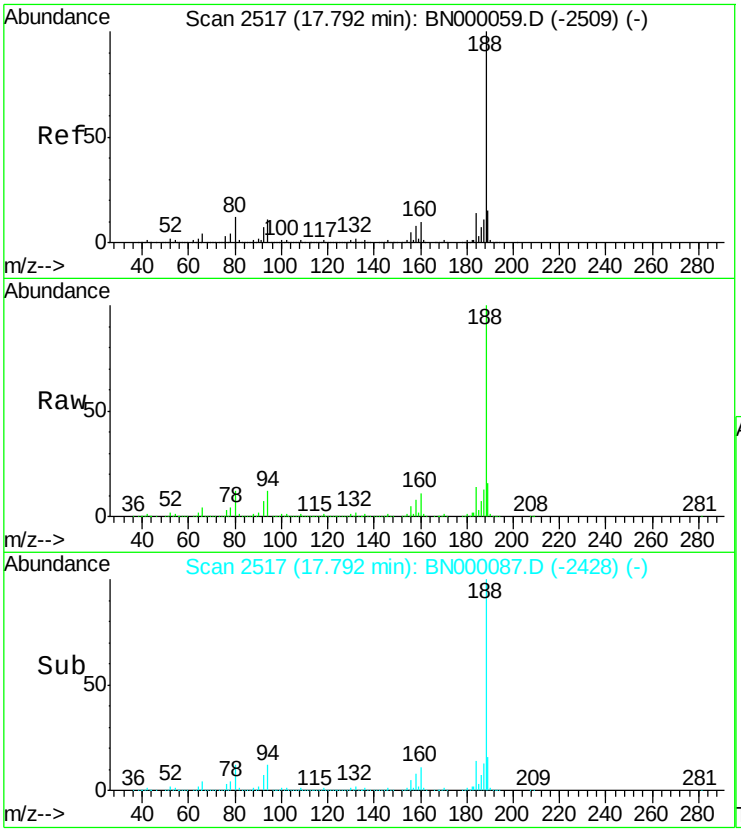


#62
Azobenzene
Concen: 0.11 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.15 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion: 77 Resp: 14602

Ion	Ratio	Lower	Upper
77	100		
182	4.5	7.4	47.4#
105	88.4	0.3	40.3#
51	55.7	11.6	51.6#



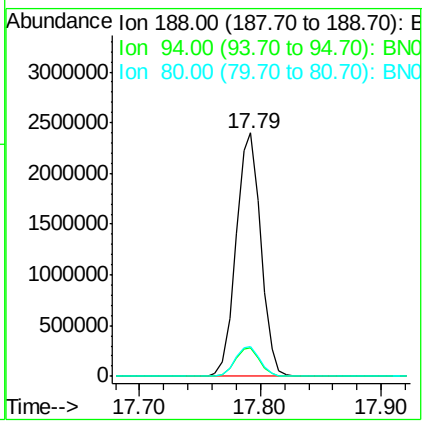


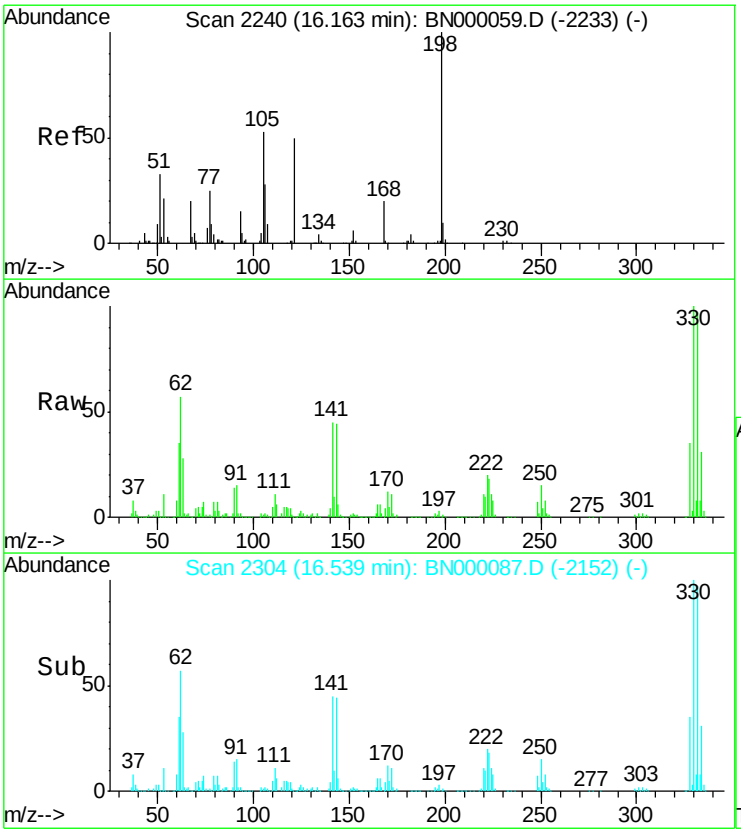
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 3424984

Ion	Ratio	Lower	Upper
188	100		
94	11.6	6.9	10.3#
80	12.4	7.7	11.5#

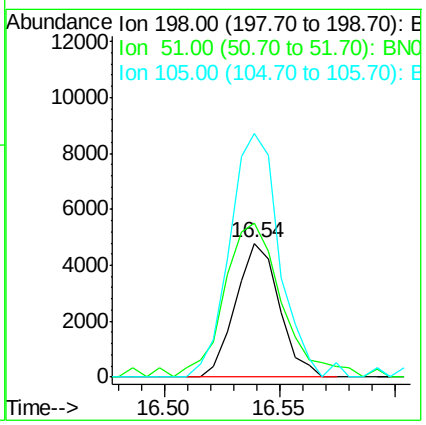


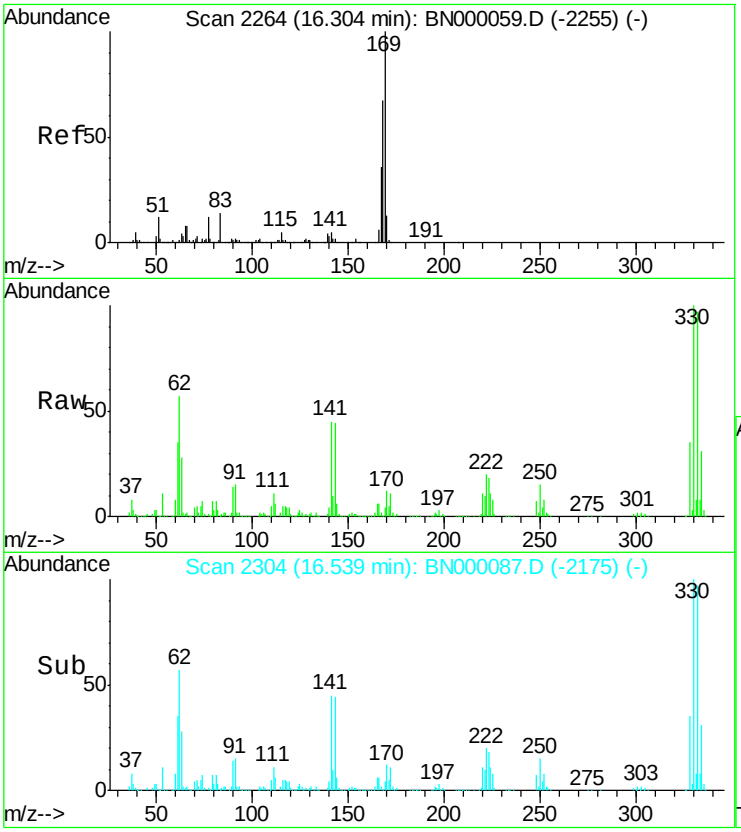


#64
4,6-Dinitro-2-methylphenol
Concen: 9.03 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.37 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:198 Resp: 6324

Ion	Ratio	Lower	Upper
198	100		
51	114.9	30.6	70.6#
105	182.3	23.8	63.8#



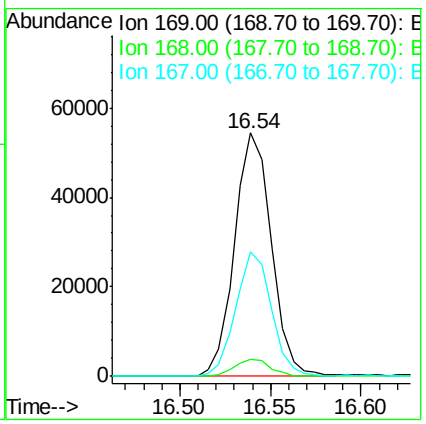


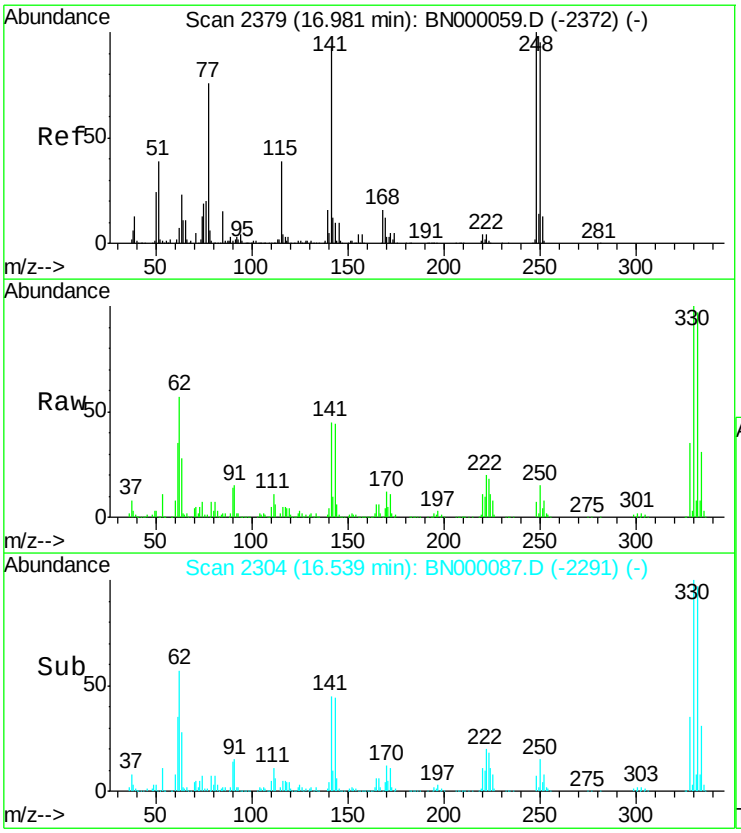
#65
n-Nitrosodiphenylamine
Concen: 0.69 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.23 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 76966

Ion	Ratio	Lower	Upper
169	100		
168	7.0	55.7	83.5#
167	51.2	30.1	45.1#

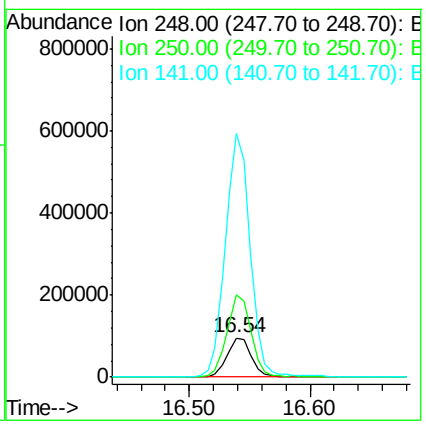


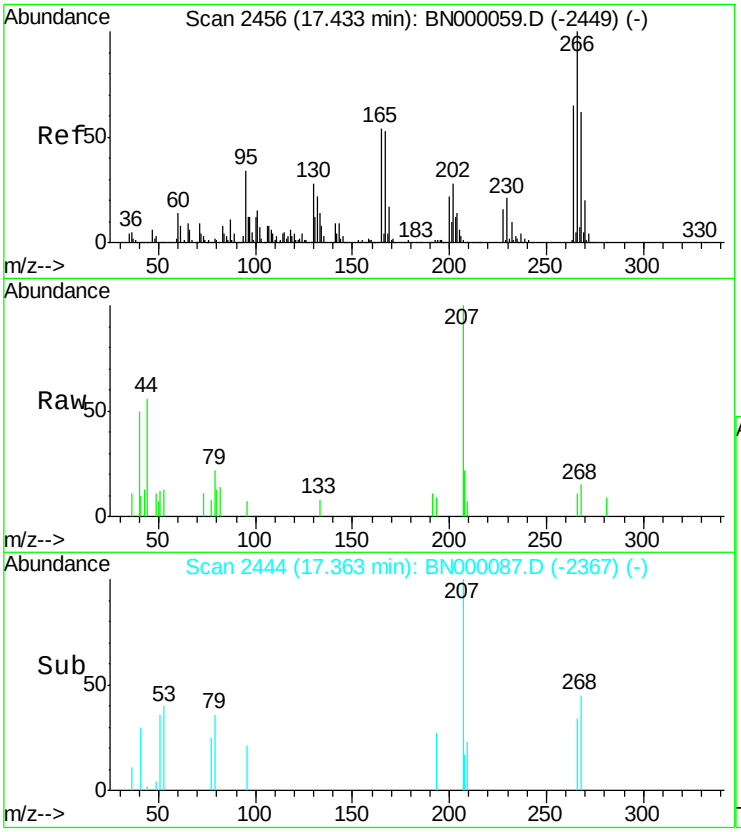


#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.45 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:248 Resp: 133824

Ion	Ratio	Lower	Upper
248	100		
250	209.8	77.1	115.7#
141	620.2	50.8	76.2#



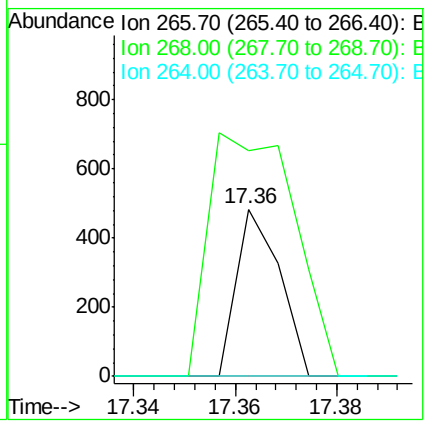


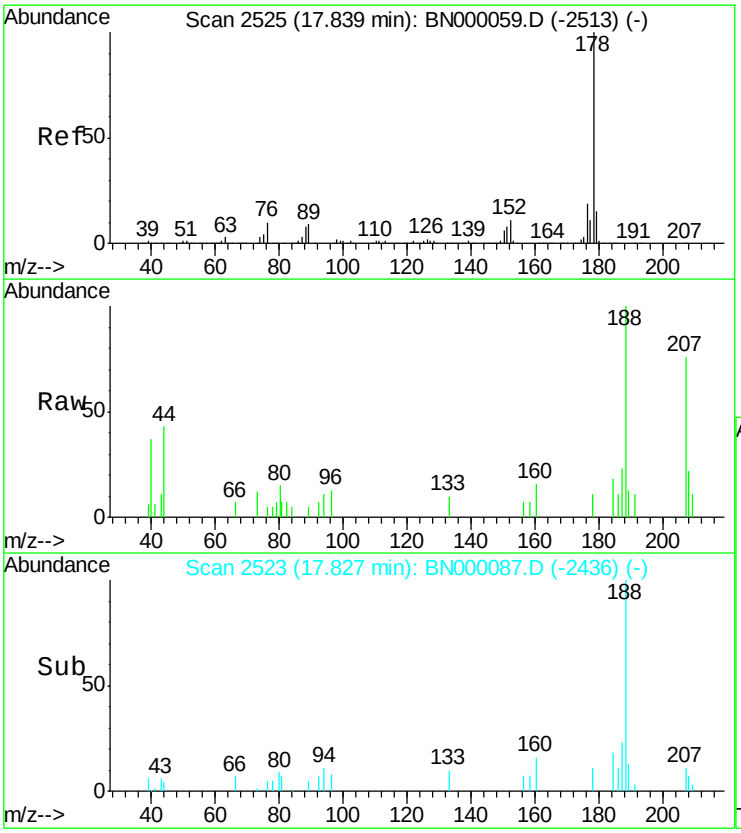
#69
Pentachlorophenol
Concen: 5.84 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.08 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 286

Ion	Ratio	Lower	Upper
266	100		
268	135.1	51.1	76.7#
264	0.0	49.6	74.4#

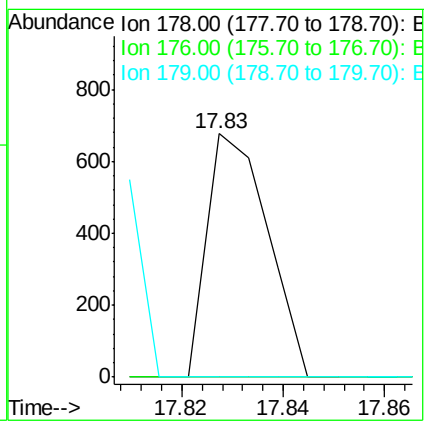


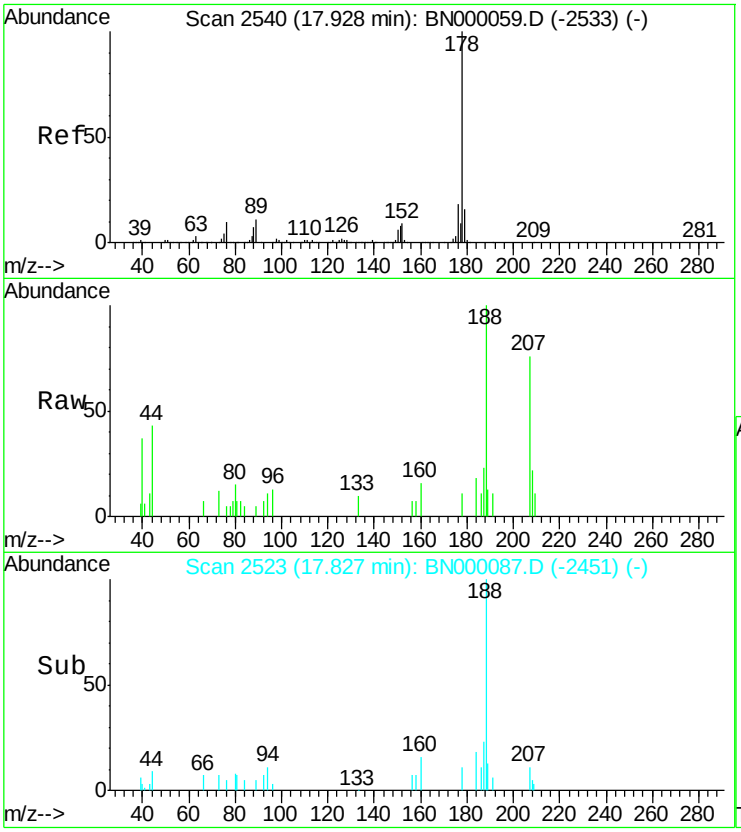


#70
Phenanthrene
Concen: 0.00 ng
RT: 17.83 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:178 Resp: 561

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	12.5	18.7#



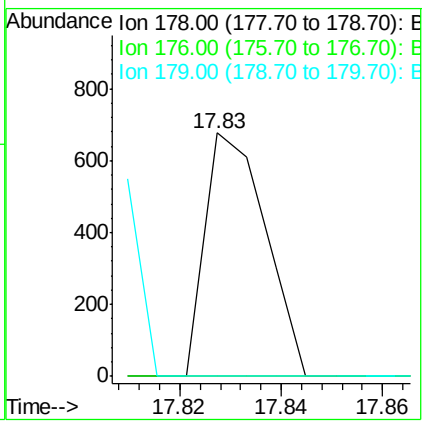


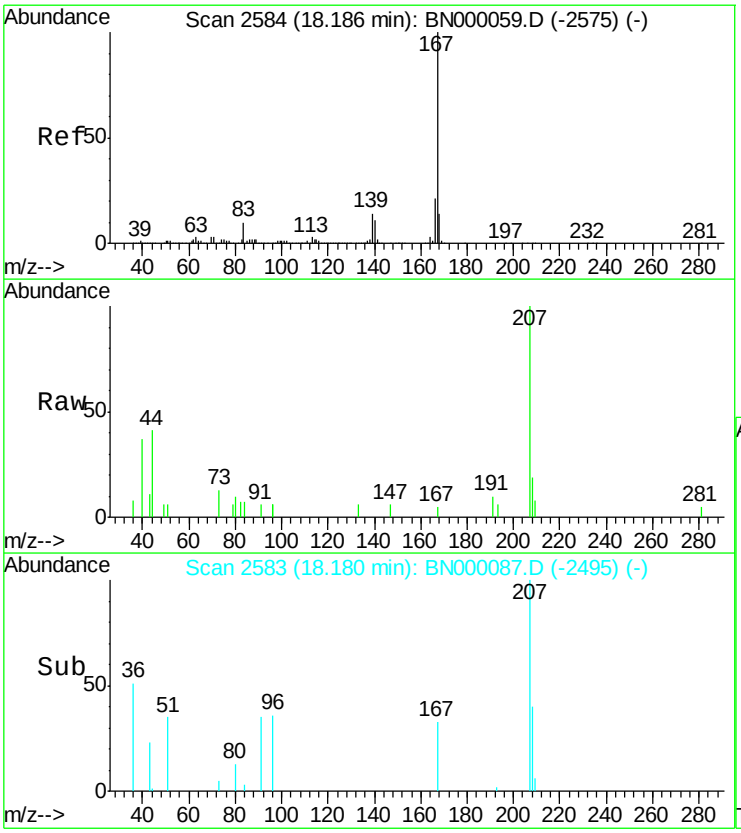
#71
Anthracene
Concen: 0.00 ng
RT: 17.83 min Scan# 2523
Delta R.T. -0.11 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 561

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.5	18.7#

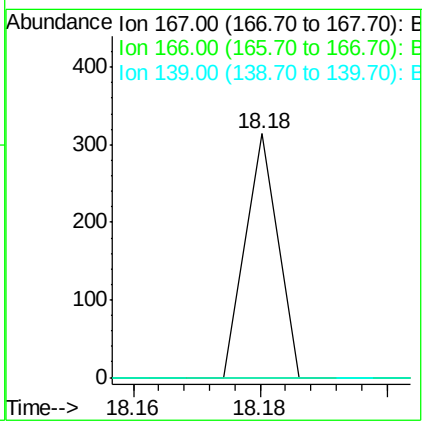


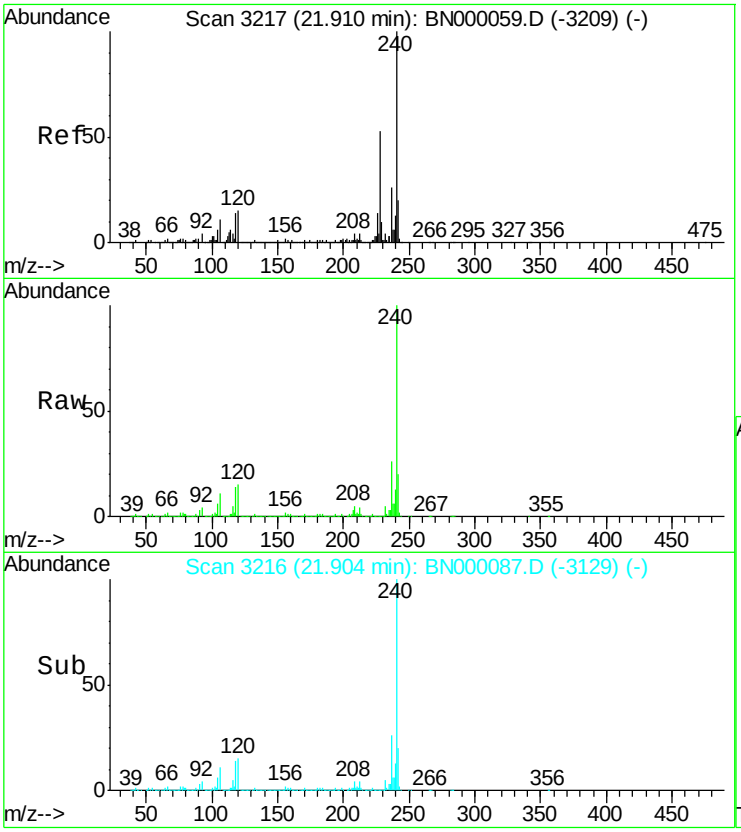


#72
Carbazole
Concen: 0.00 ng
RT: 18.18 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:167 Resp: 111

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#



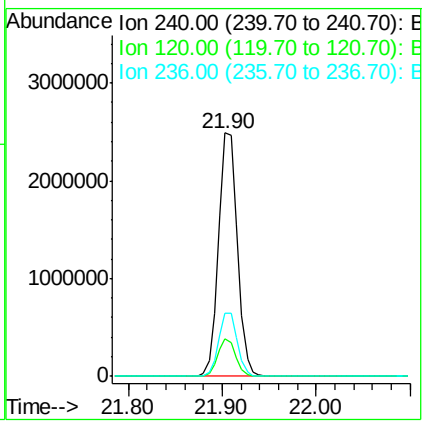


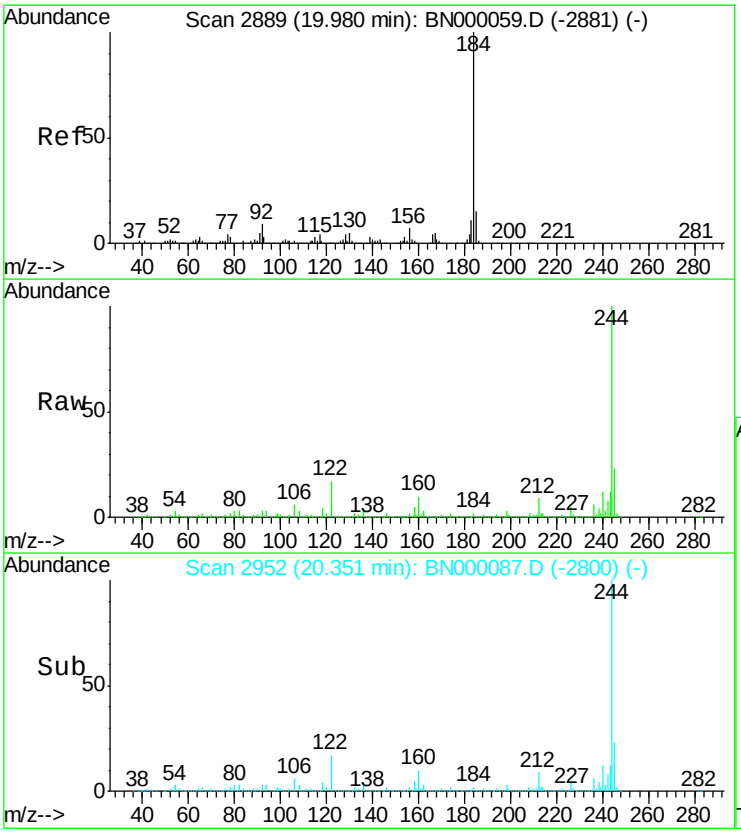
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3488624

Ion	Ratio	Lower	Upper
240	100		
120	15.3	6.8	10.2#
236	25.9	20.9	31.3

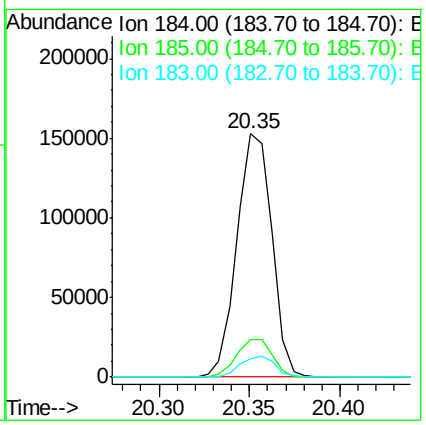


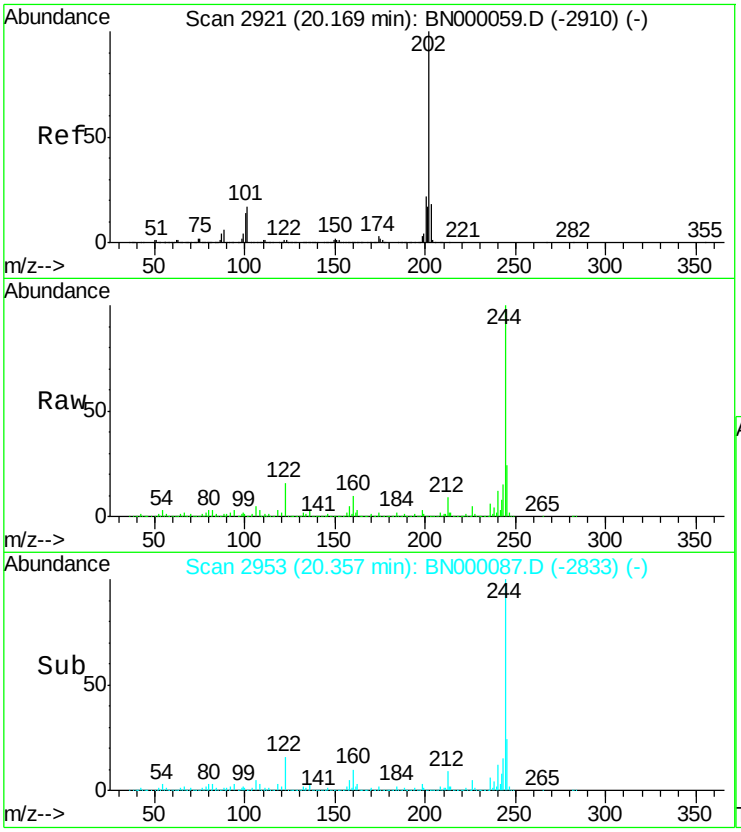


#76
Benzidine
Concen: 1.85 ng
RT: 20.35 min Scan# 2952
Delta R.T. 0.36 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:184 Resp: 205789

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	7.6	10.6	16.0#



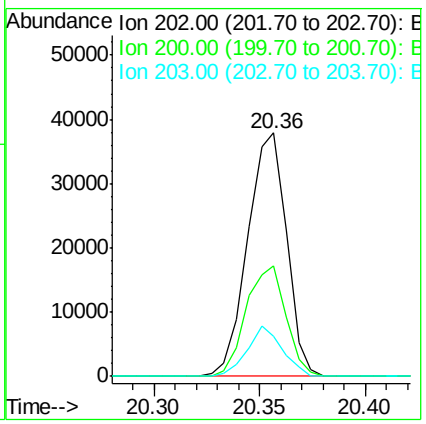


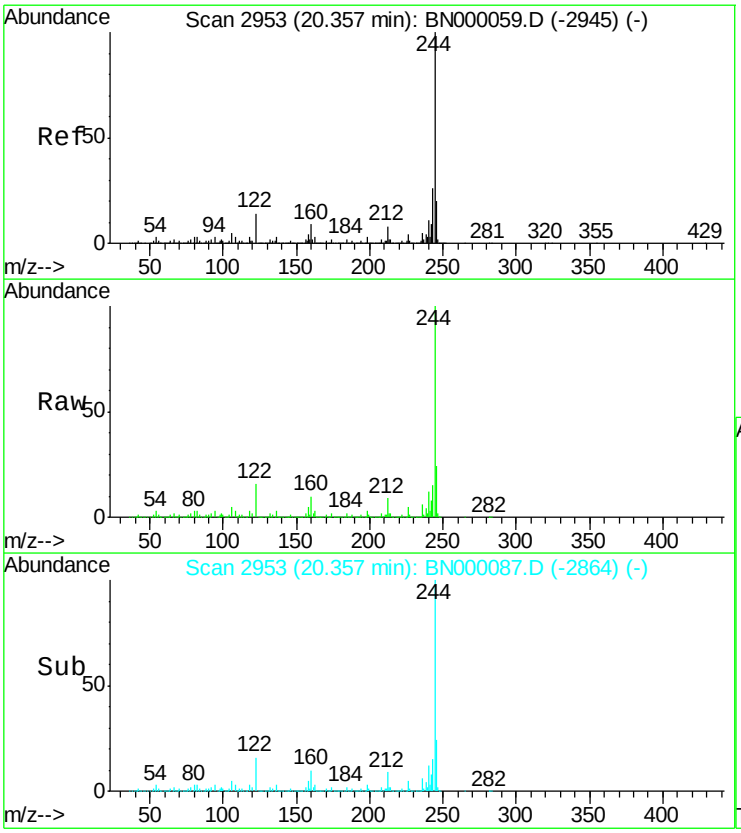
#77
Pyrene
Concen: 0.22 ng
RT: 20.36 min Scan# 2953
Delta R.T. 0.18 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 48553

Ion	Ratio	Lower	Upper
202	100		
200	45.4	16.9	25.3#
203	16.5	13.9	20.9

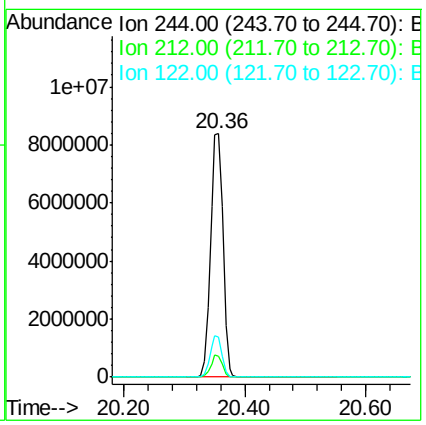


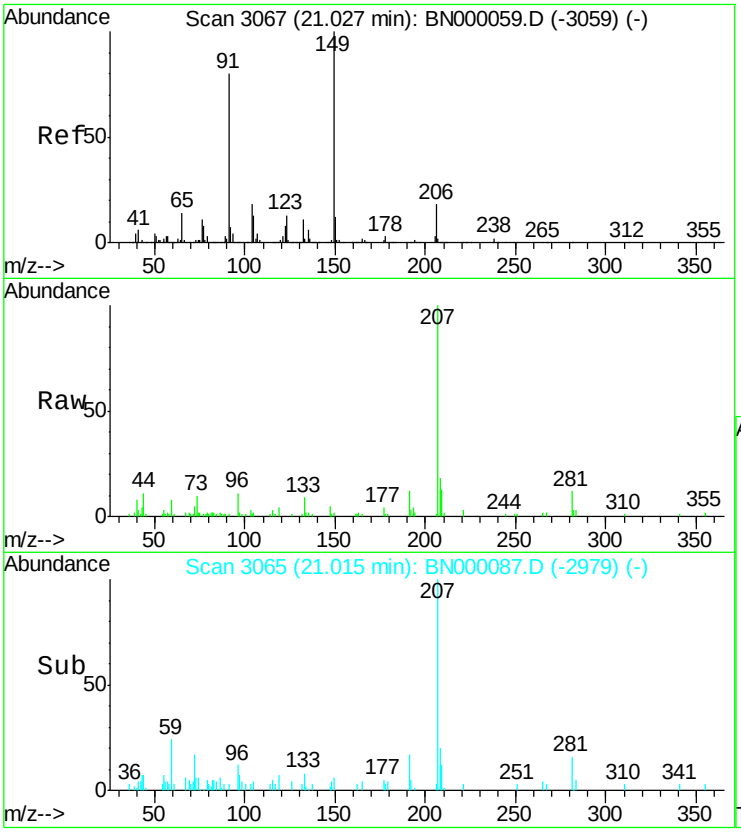


#78
Terphenyl-d14
Concen: 92.49 ng
RT: 20.36 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:244 Resp:11949490

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	16.4	7.0	10.4#



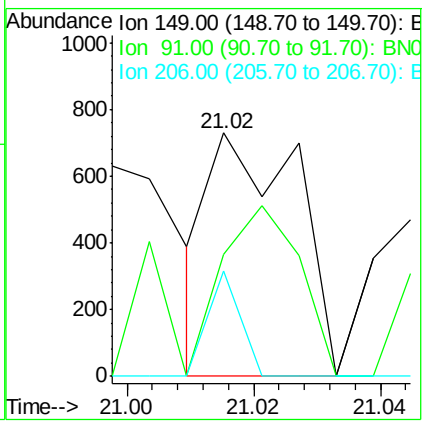


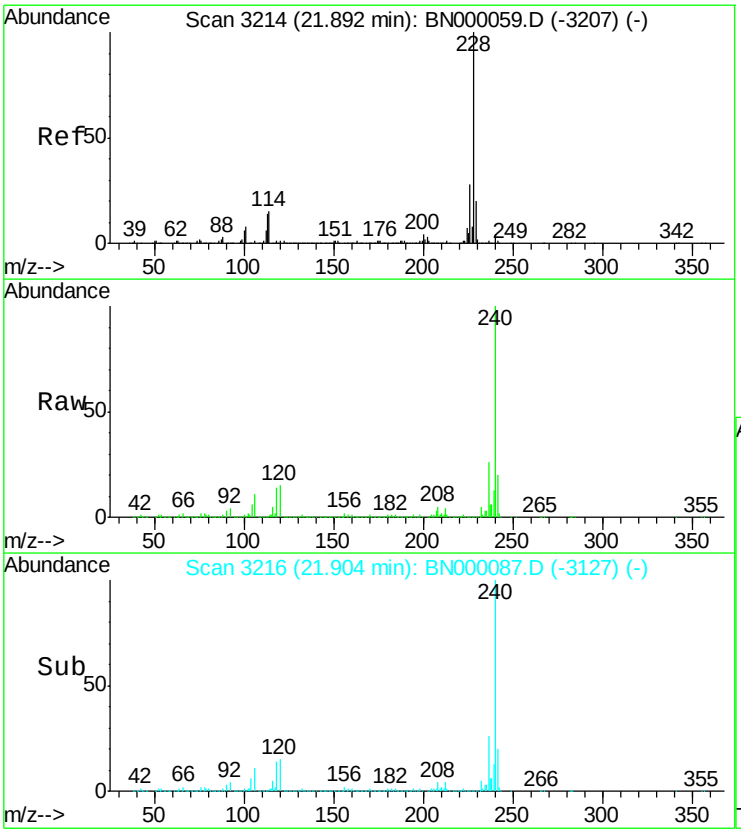
#79
Butylbenzylphthalate
Concen: 5.38 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 694

Ion	Ratio	Lower	Upper
149	100		
91	50.3	62.2	93.2#
206	43.3	18.6	27.8#

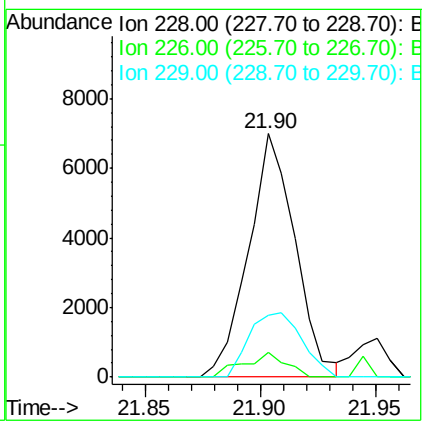


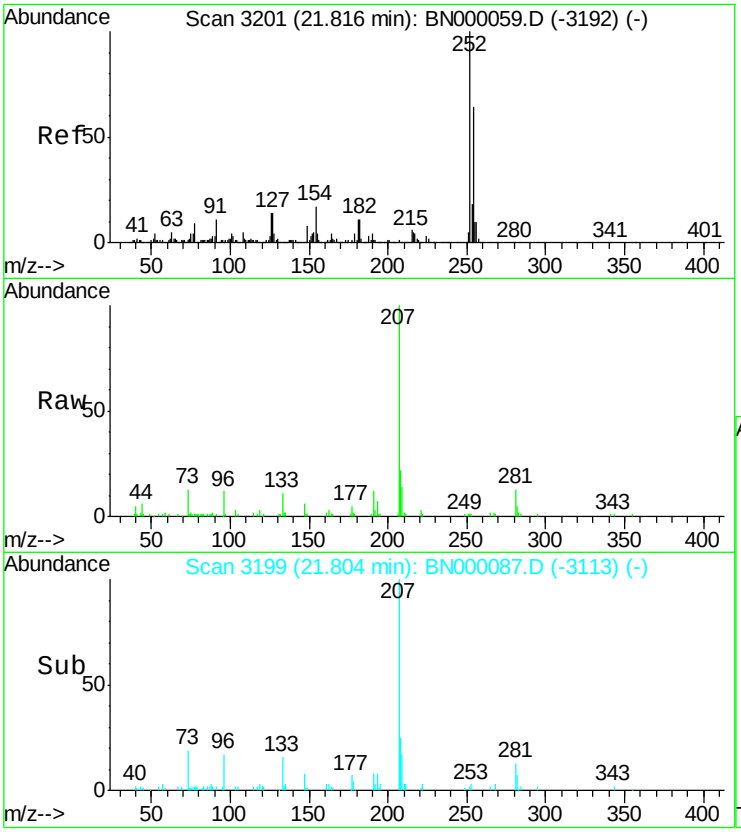


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:228 Resp: 9811

Ion	Ratio	Lower	Upper
228	100		
226	9.9	22.7	34.1#
229	25.2	16.2	24.2#



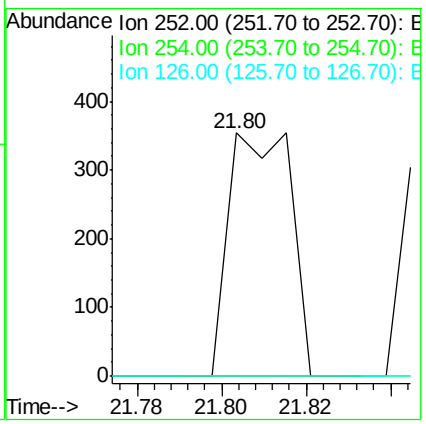


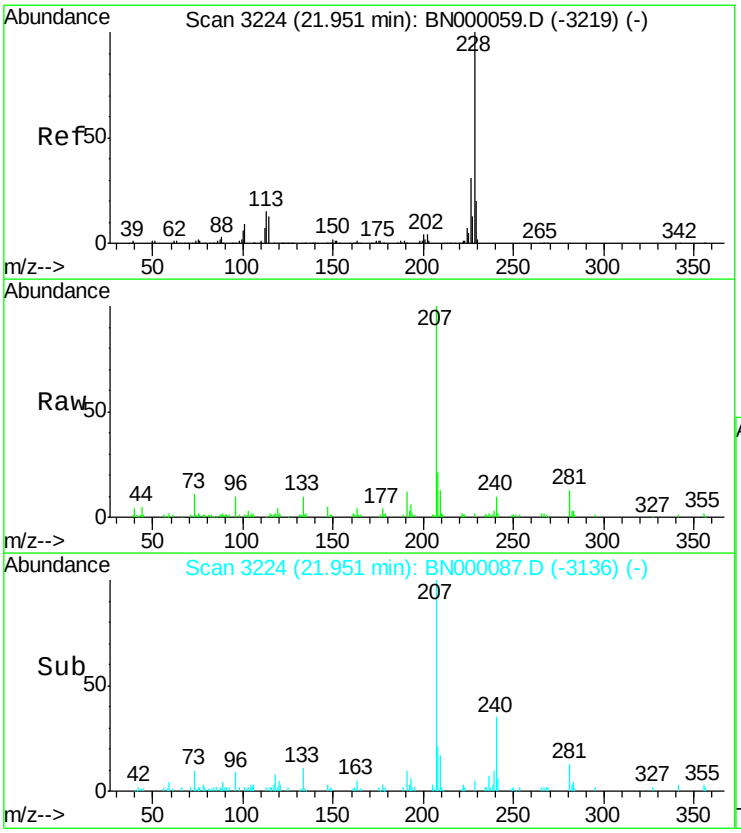
#81
3,3'-Dichlorobenzidine
Concen: 0.00 ng
RT: 21.80 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 362

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#

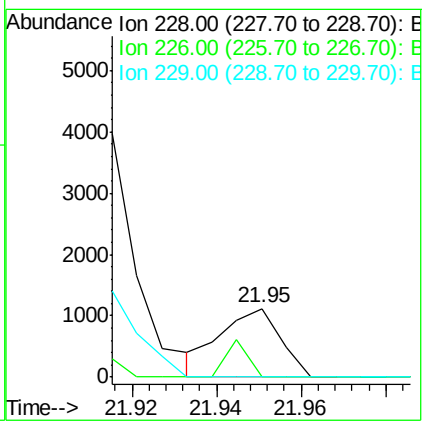


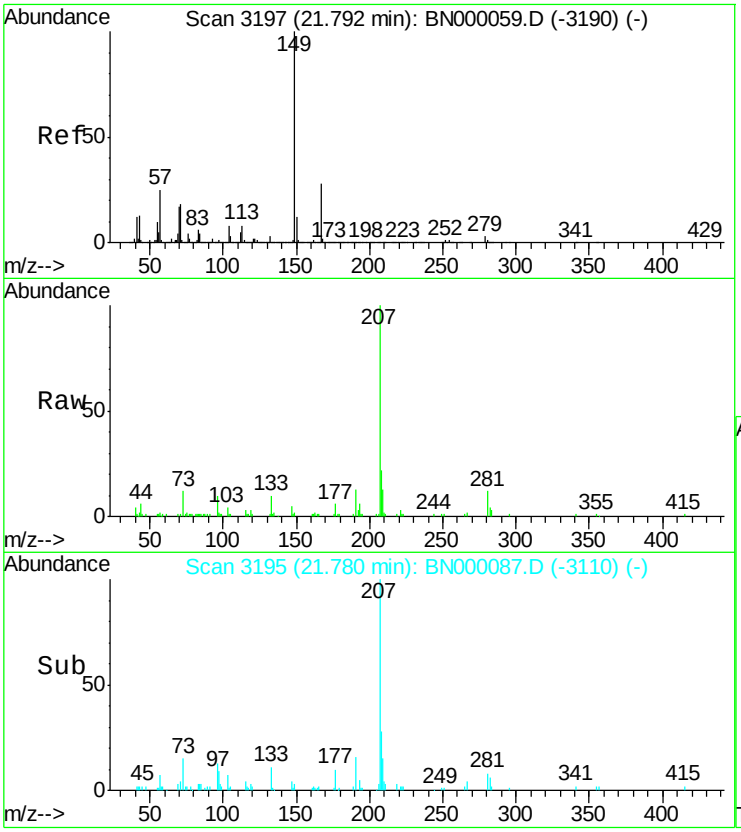


#82
Chrysene
Concen: 0.01 ng
RT: 21.95 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:228 Resp: 1094

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#



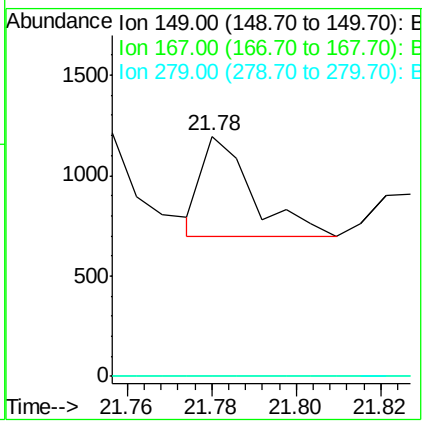


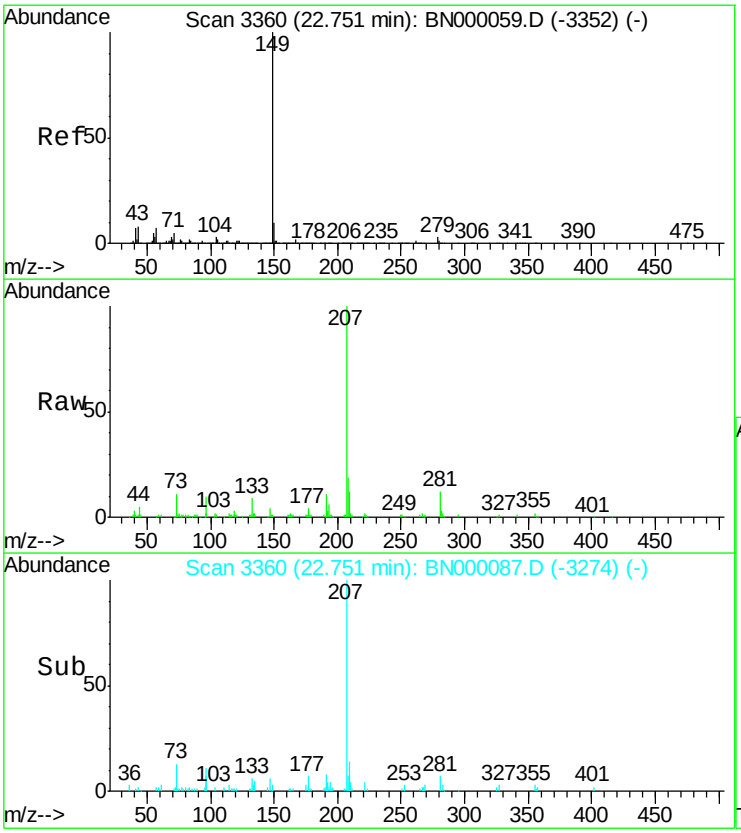
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.91 ng
RT: 21.78 min Scan# 3195
Delta R.T. -0.03 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 412

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#

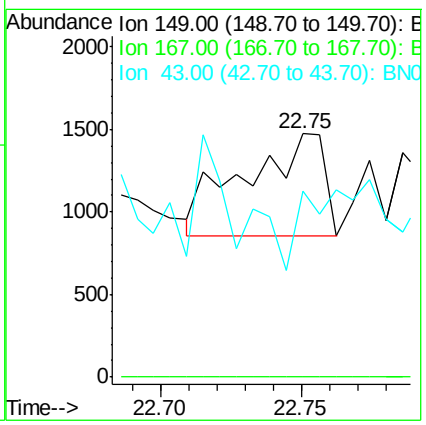


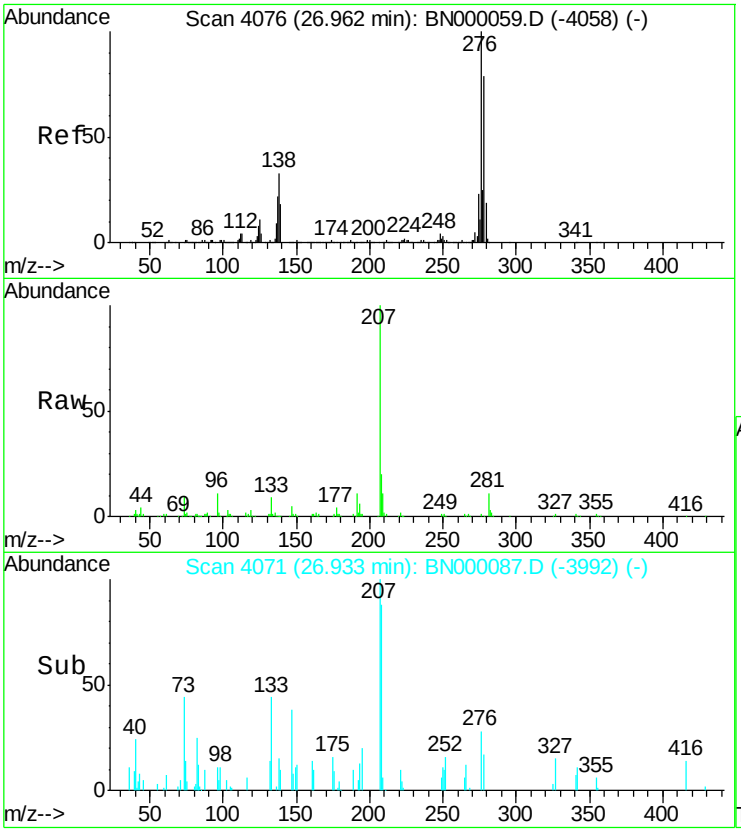


#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:149 Resp: 1203

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.9	13.3#



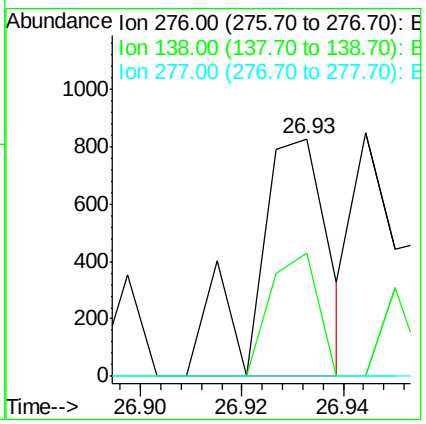


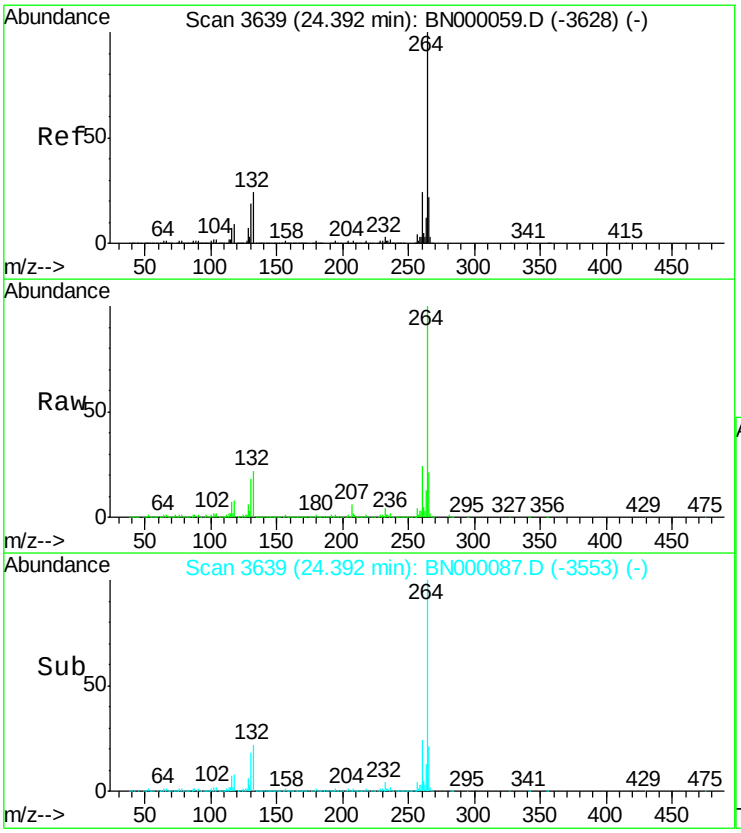
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.93 min Scan# 4071
Delta R.T. -0.06 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 827

Ion	Ratio	Lower	Upper
276	100		
138	33.7	16.0	24.0#
277	0.0	20.0	30.0#

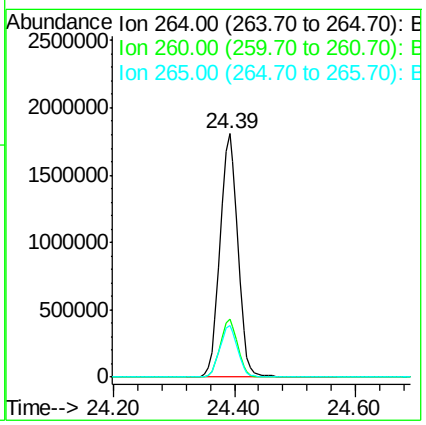


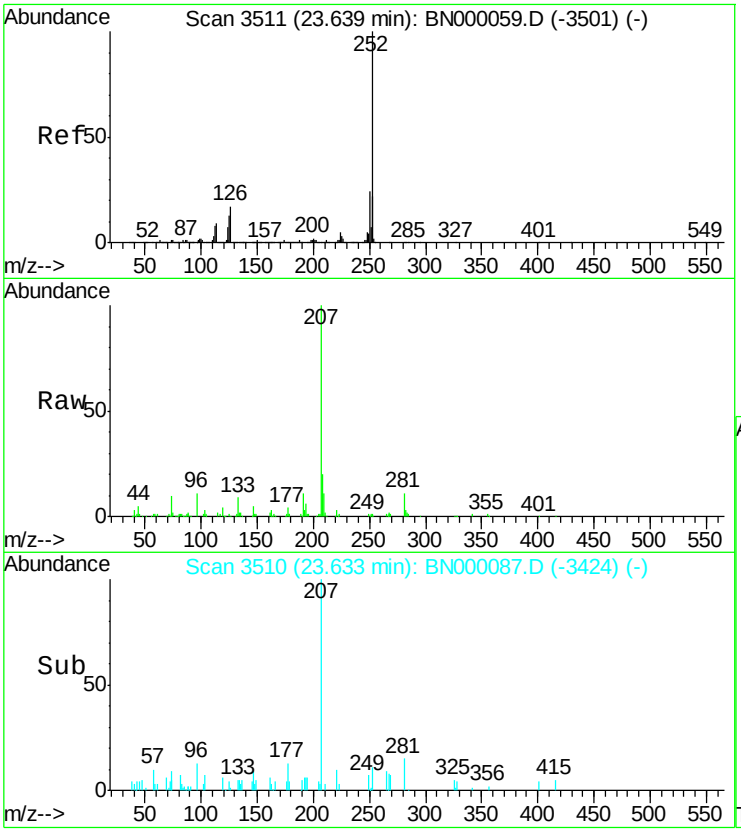


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3639
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:264 Resp: 3708738

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.3	17.7	26.5



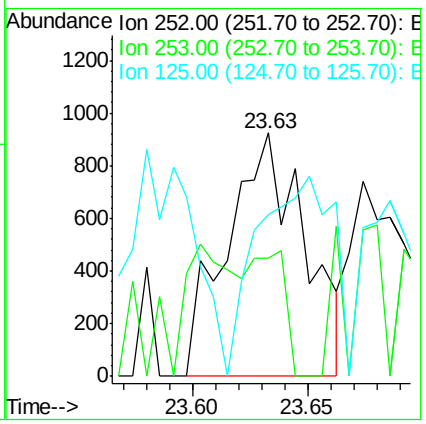


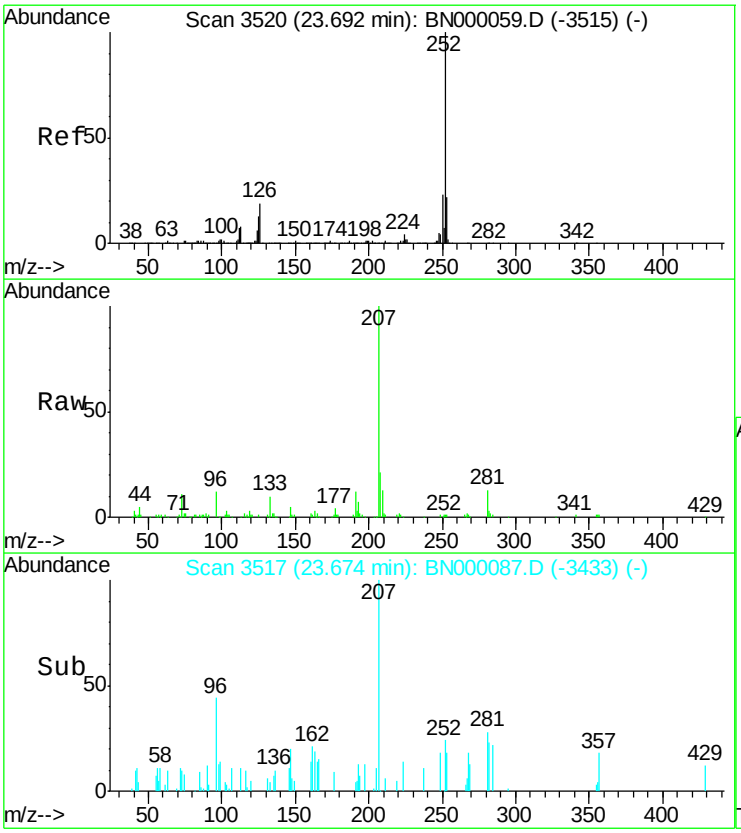
#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2155

Ion	Ratio	Lower	Upper
252	100		
253	48.4	18.2	27.4#
125	109.9	7.2	10.8#

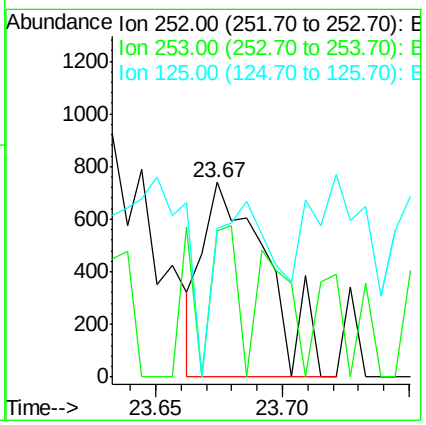


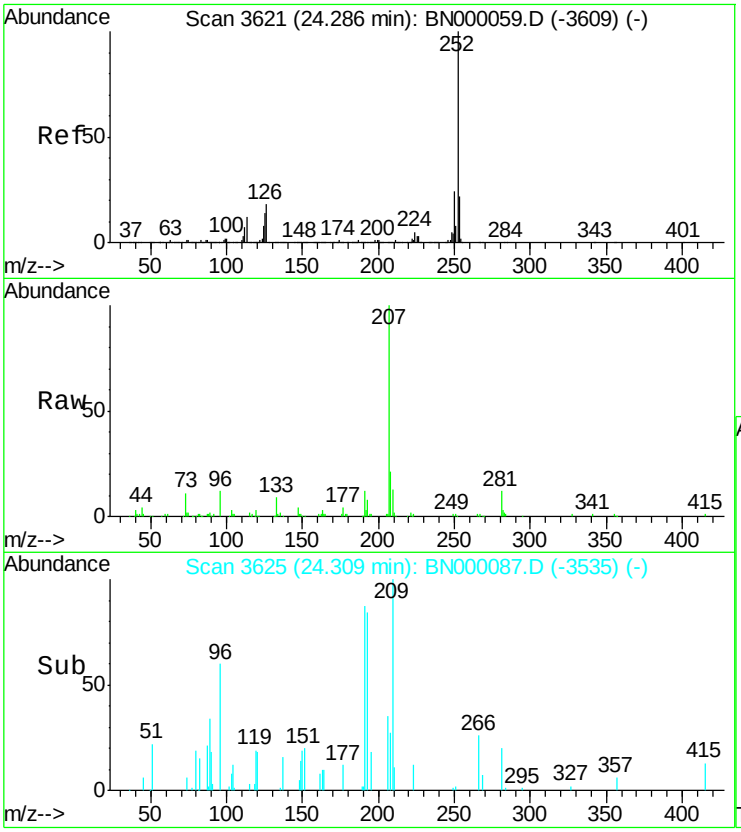


#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:252 Resp: 1304

Ion	Ratio	Lower	Upper
252	100		
253	75.5	17.4	26.2#
125	76.6	6.6	9.8#



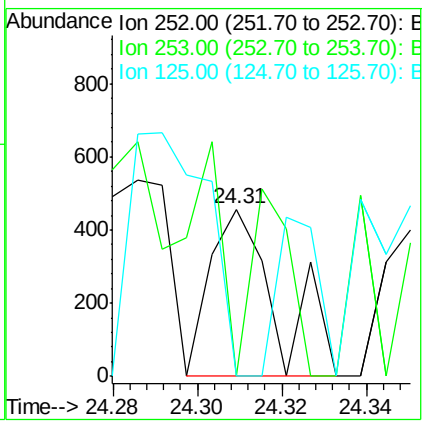


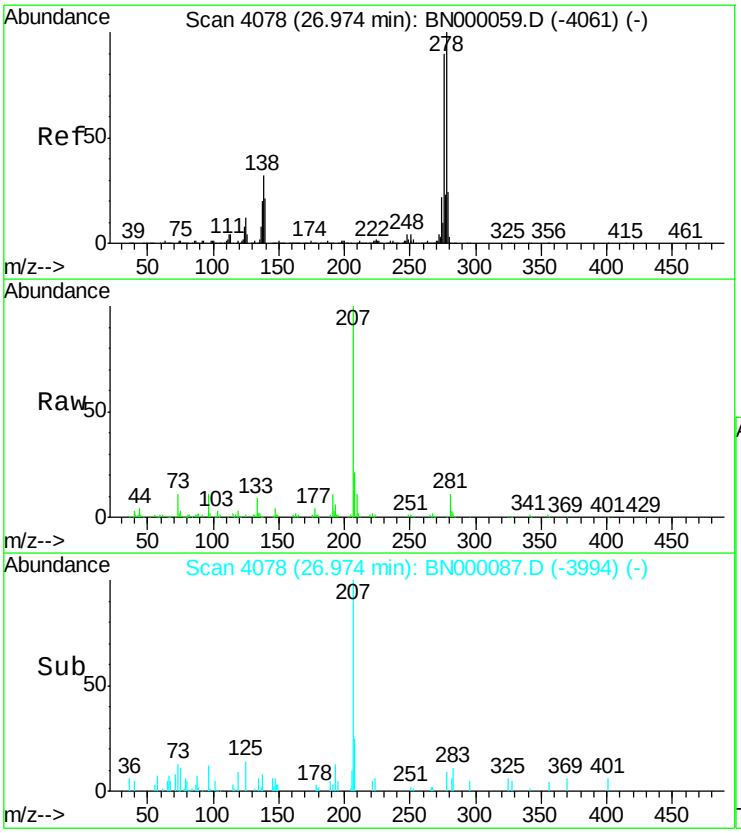
#89
Benzo(a)pyrene
Concen: 0.00 ng
RT: 24.31 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 502

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

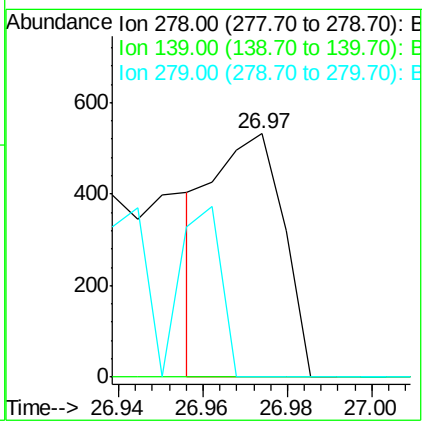


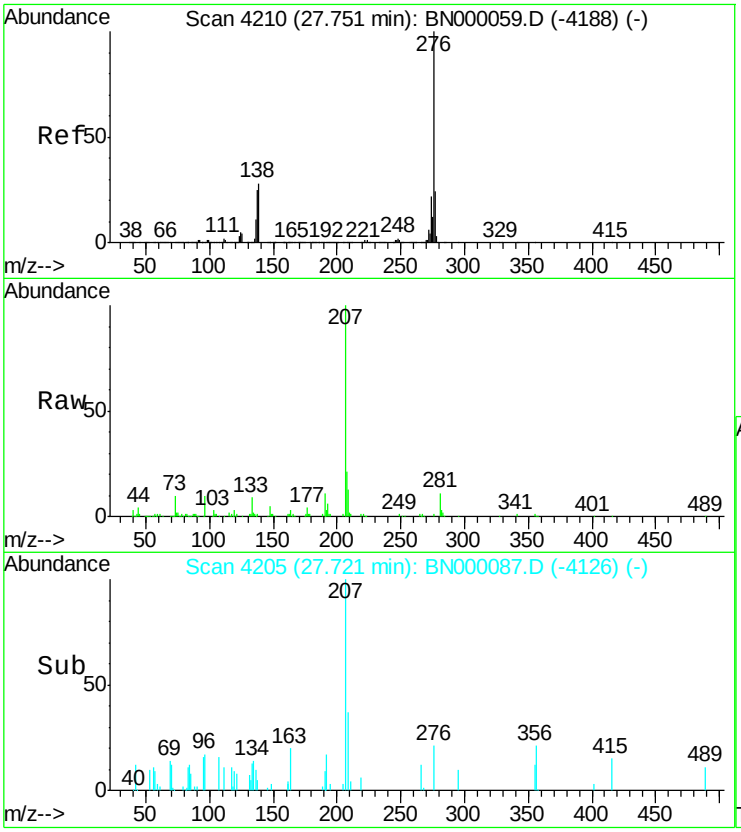


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.97 min Scan# 4078
Delta R.T. -0.04 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Tgt Ion:278 Resp: 626

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.72 min Scan# 4205
Delta R.T. -0.06 min
Lab File: BN000087.D
Acq: 15 Feb 2018 09:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1009

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#