Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000088.D
Acq On : 15 Feb 2018 10:06
Operator : JU/SJ
Sample : PB106006BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 16 03:47:30 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	511242	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	2401482	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1450316	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3423242	20.00	ng	0.00
75) Chrysene-d12	21.90	240	3568469	20.00	ng	-0.02
86) Perylene-d12	24.39	264	3807606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	4775670	152.24	ng	0.00
7) Phenol-d6	7.59	99	6511143	137.03	ng	0.00
23) Nitrobenzene-d5	9.64	82	3388917	83.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1799658	125.36	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8415476	81.78	ng	-0.01
78) Terphenyl-d14	20.35	244	11741058	88.84	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	206	0.02	ng	# 1
3) Pyridine	4.08	79	114	0.00	ng	# 1
4) n-Nitrosodimethylamine	4.00	42	394	0.04	ng	# 1
6) Aniline	7.59	93	256	0.00	ng	# 1
8) 2-Chlorophenol	8.01	128	1334	0.04	ng	# 1
9) Benzaldehyde	7.59	77	9865	0.33	ng	# 5
10) Phenol	7.59	94	1364	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	7.98	93	7829	0.19	ng	# 1
15) Benzyl Alcohol	8.79	79	57182	1.67	ng	# 35
17) 2-Methylphenol	8.79	107	182	0.01	ng	# 1
19) n-Nitroso-di-n-propylamine	9.64	70	423856	13.31	ng	# 68
20) 3+4-Methylphenols	8.79	107	182	0.00	ng	# 1
22) Acetophenone	9.02	105	122	0.00	ng	# 50
24) Nitrobenzene	9.64	77	11072	0.25	ng	# 34
25) Isophorone	10.14	82	348	0.00	ng	# 69
31) Naphthalene	11.35	128	142	0.00	ng	# 68
45) 1,1'-Biphenyl	13.92	154	19757	0.15	ng	97
47) 2-Nitroaniline	13.70	65	14043	5.33	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	185457	7.41	ng	# 20
51) Acenaphthene	15.07	154	6033	0.06	ng	# 5
56) 2,4-Dinitrotoluene	15.07	165	185457	8.91	ng	# 18
57) Fluorene	16.54	166	107902	0.93	ng	# 92
59) Diethylphthalate	15.85	149	317	0.00	ng	# 58
61) 4-Nitroaniline	16.54	138	112	0.00	ng	# 1
62) Azobenzene	16.54	77	13449	0.11	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.55	198	5890	9.00	ng	# 1
65) n-Nitrosodiphenylamine	16.54	169	74035	0.66	ng	# 43
66) 4-Bromophenyl-phenylether	16.54	248	127663	3.92	ng	# 1
69) Pentachlorophenol	17.36	266	304	5.84	ng	# 25
70) Phenanthrene	17.79	178	1288	0.01	ng	# 1
71) Anthracene	17.79	178	1288	0.01	ng	# 1
72) Carbazole	17.79	167	513	0.00	ng	# 1
73) Di-n-butylphthalate	18.71	149	1048	0.00	ng	# 78
76) Benzidine	20.35	184	203704	1.79	ng	# 91

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000088.D
Acq On : 15 Feb 2018 10:06
Operator : JU/SJ
Sample : PB106006BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 16 03:47:30 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)
77) Pyrene	20.35	202	47105	0.21	ng	#	71
79) Butylbenzylphthalate	21.05	149	509	5.38	ng	#	20
80) Benzo(a)anthracene	21.90	228	9570	0.04	ng	#	68
81) 3,3'-Dichlorobenzidine	21.79	252	124	0.00	ng	#	26
82) Chrysene	21.95	228	622	0.00	ng	#	50
83) Bis(2-ethylhexyl)phthalate	21.82	149	379	2.91	ng	#	50
84) Di-n-octyl phthalate	22.74	149	299	6.73	ng	#	74
85) Indeno(1,2,3-cd)pyrene	26.96	276	116	0.00	ng	#	53
87) Benzo(b)fluoranthene	23.63	252	1019	0.00	ng	#	1
88) Benzo(k)fluoranthene	23.69	252	795	0.00	ng	#	28
89) Benzo(a)pyrene	24.40	252	14888	0.07	ng	#	79
90) Dibenzo(a,h)anthracene	26.95	278	110	0.00	ng	#	58
91) Benzo(g,h,i)perylene	27.72	276	110	0.00	ng	#	56

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

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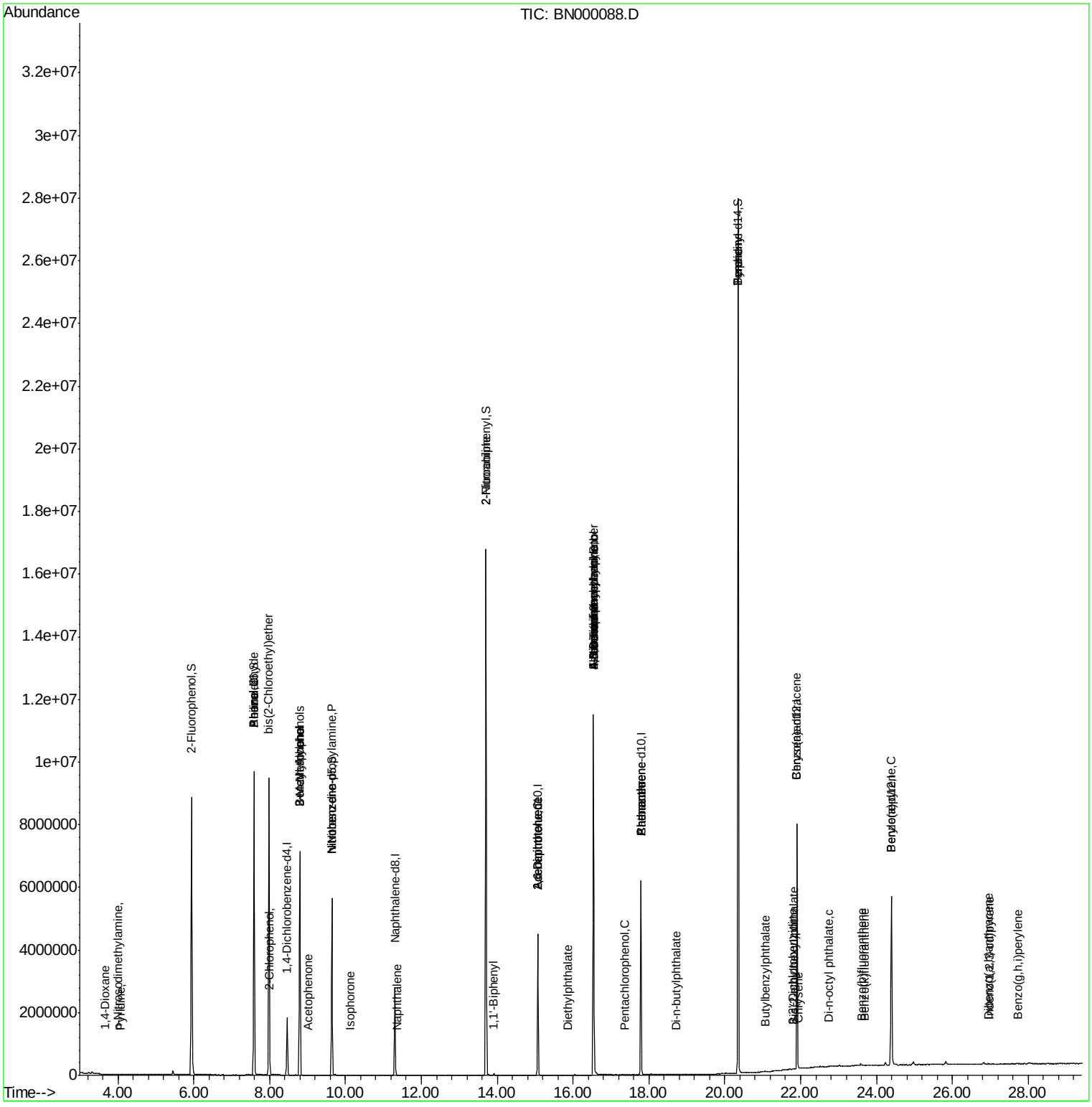
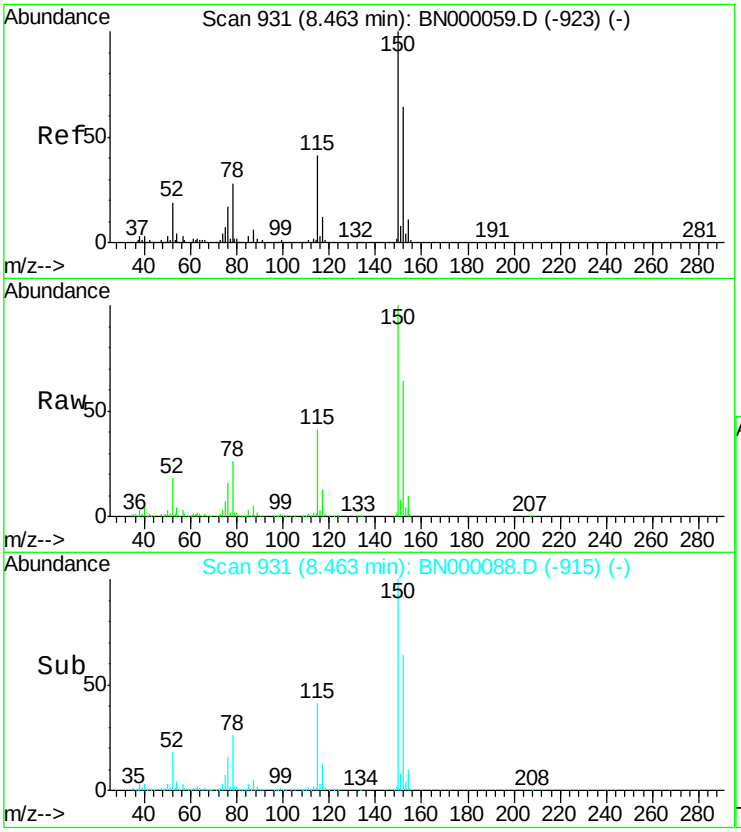


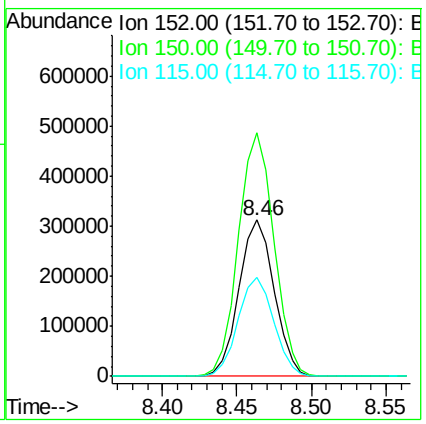


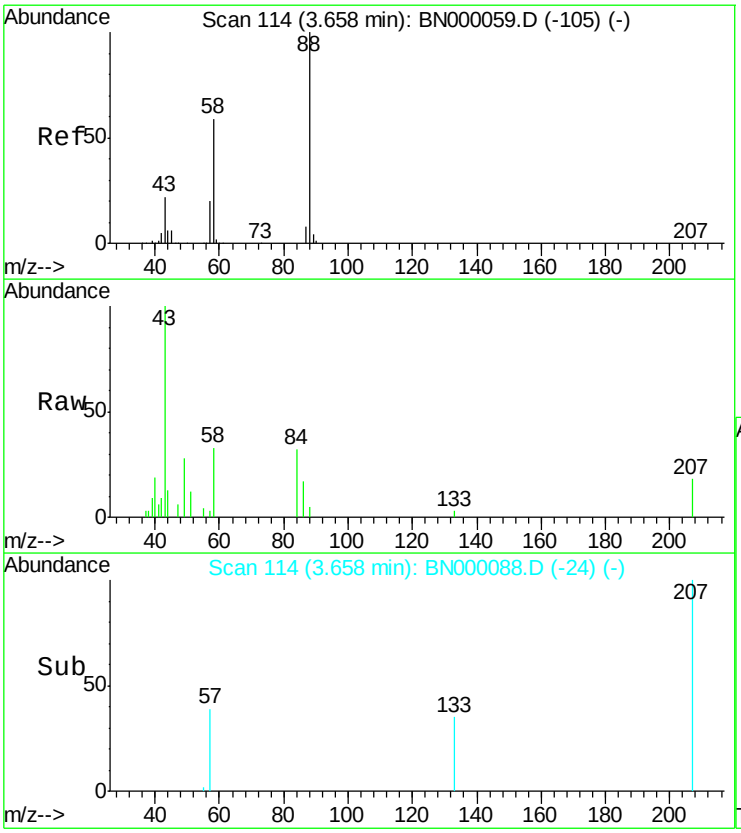
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 511242

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	63.4	53.0	79.4

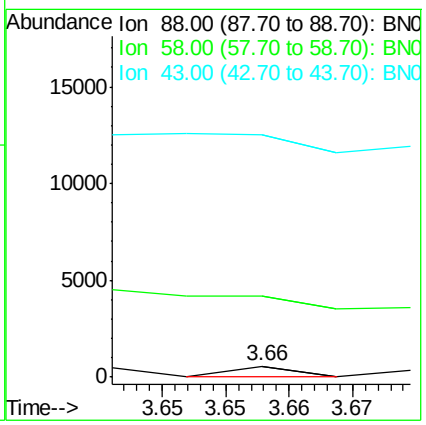


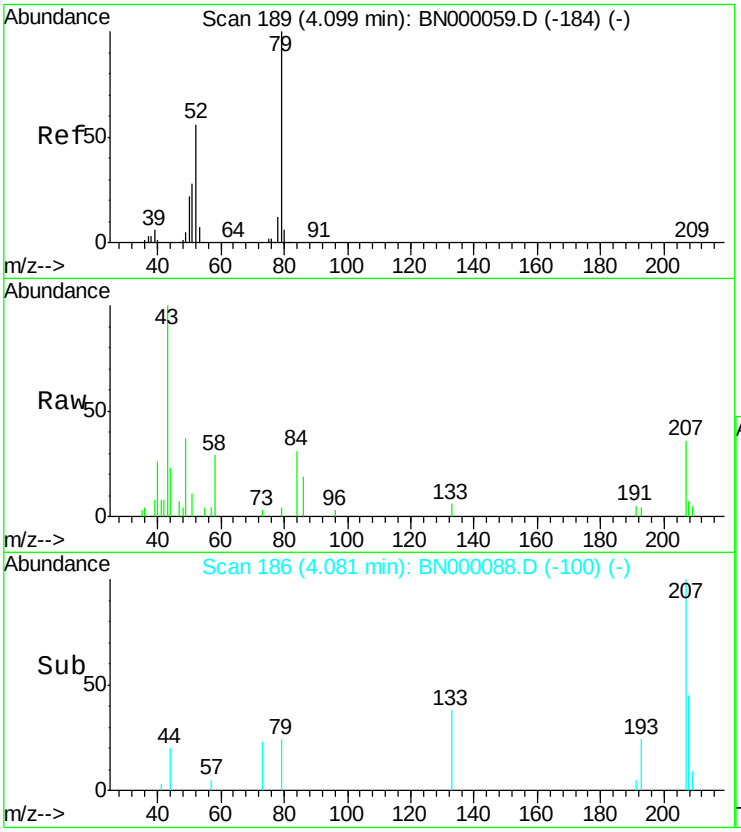


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
58	393.2	52.0	78.0#
43	2117.0	20.0	30.0#



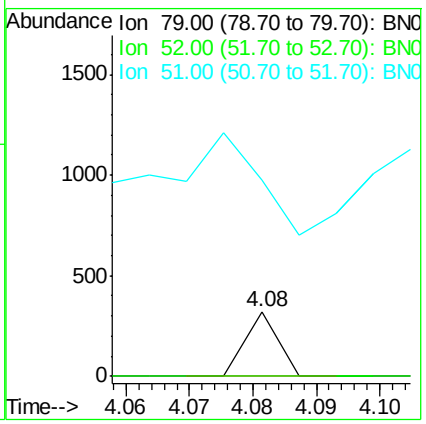


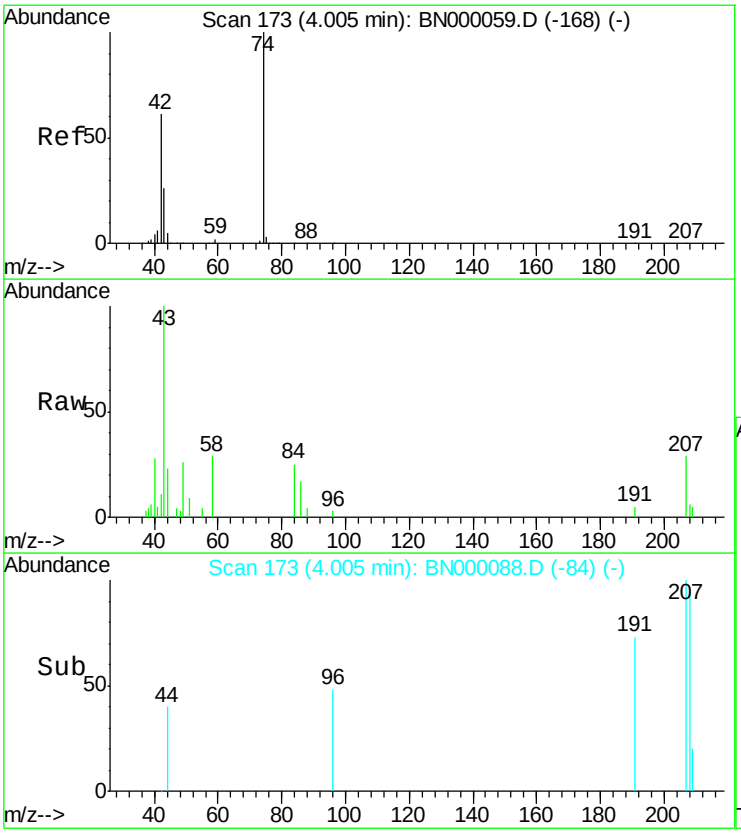
#3
Pyridine
Concen: 0.00 ng
RT: 4.08 min Scan# 186
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 114

Ion	Ratio	Lower	Upper
79	100		
52	0.0	44.0	66.0#
51	302.8	24.0	36.0#

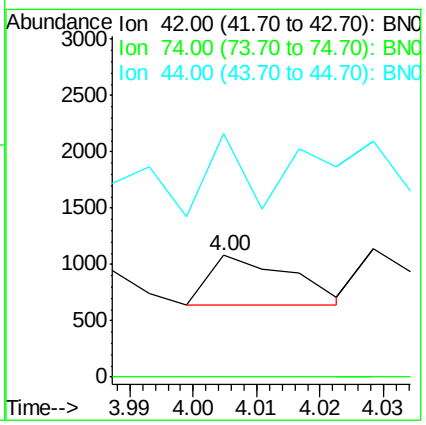


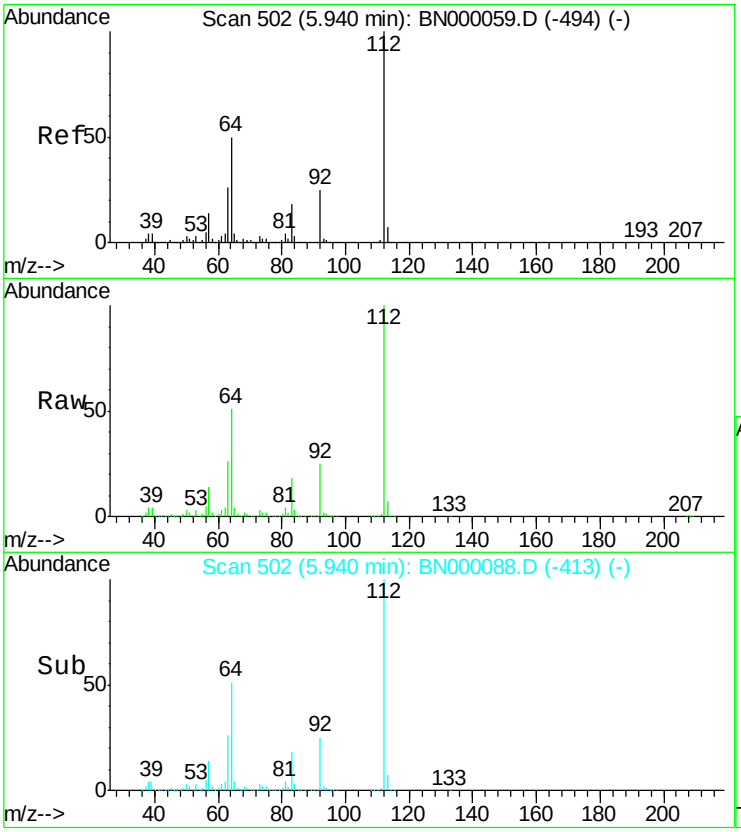


#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 4.00 min Scan# 173
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
74	0.0	128.0	192.0#
44	199.9	12.0	18.0#



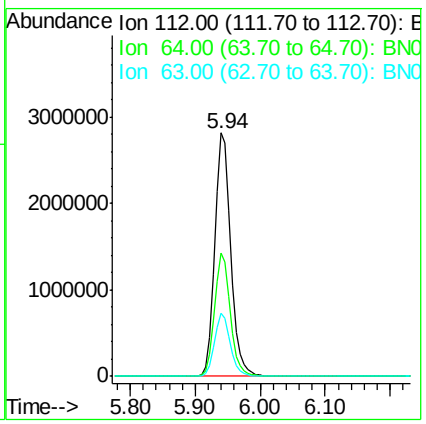


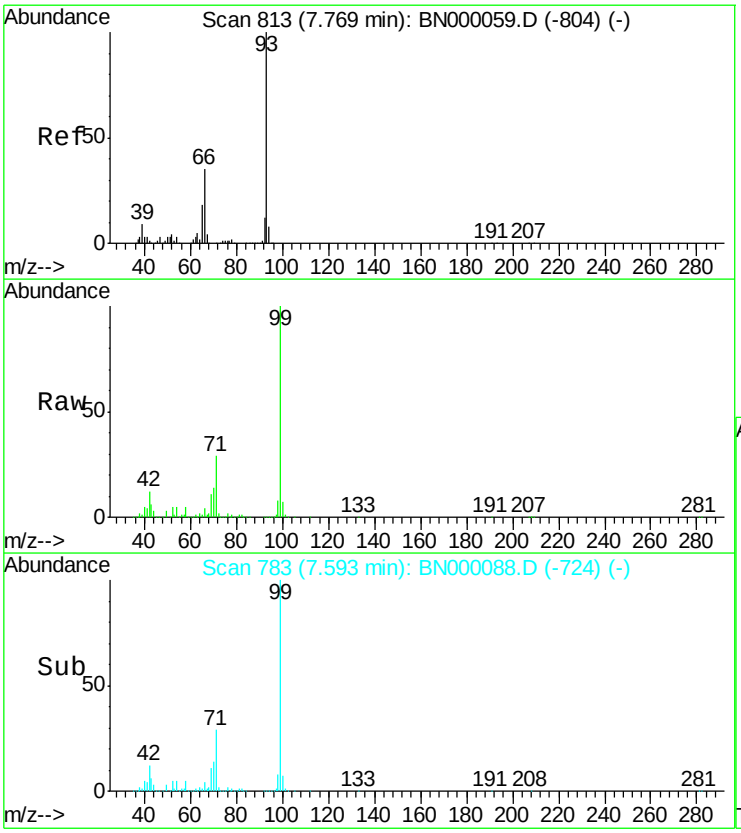
#5
2-Fluorophenol
Concen: 152.24 ng
RT: 5.94 min Scan# 502
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 4775670

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	25.9	30.1	45.1#

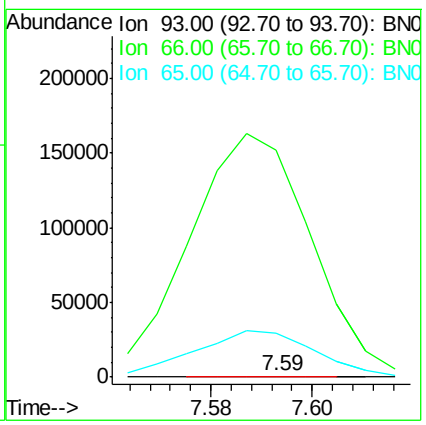


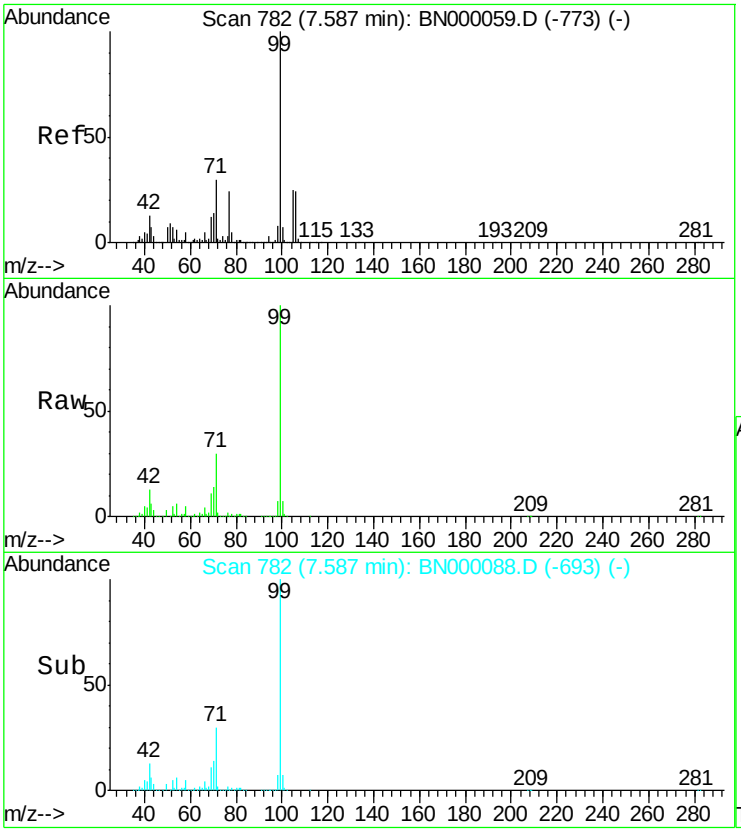


#6
Aniline
Concen: 0.00 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.18 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 93 Resp: 256

Ion	Ratio	Lower	Upper
93	100		
66	37969.1	33.7	50.5#
65	7439.4	16.1	24.1#



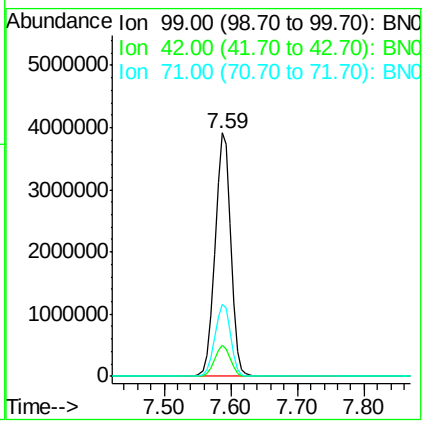


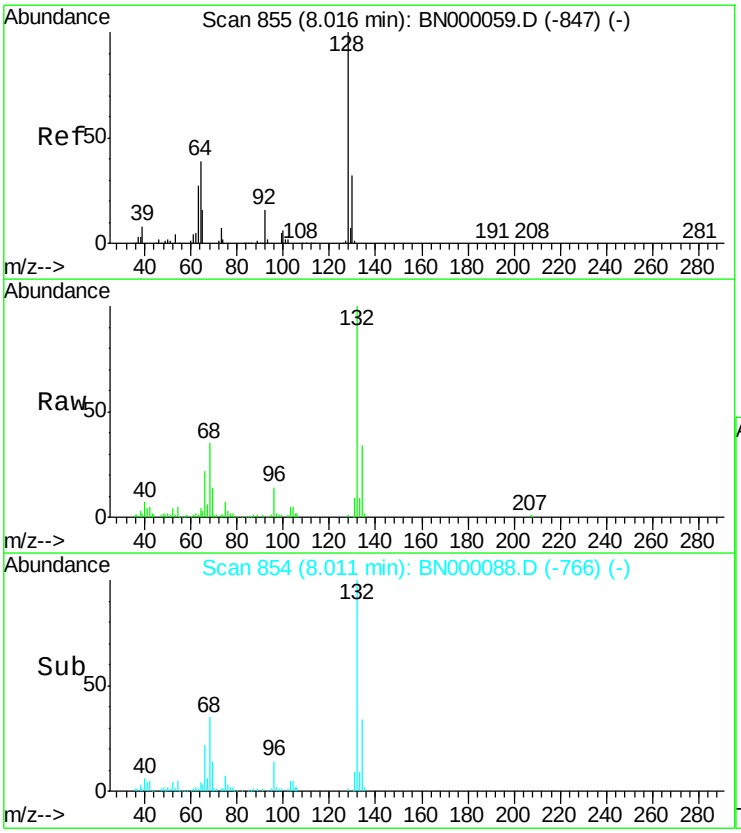
#7
Phenol-d6
Concen: 137.03 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6511143

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.1	21.1#
71	29.8	26.1	39.1

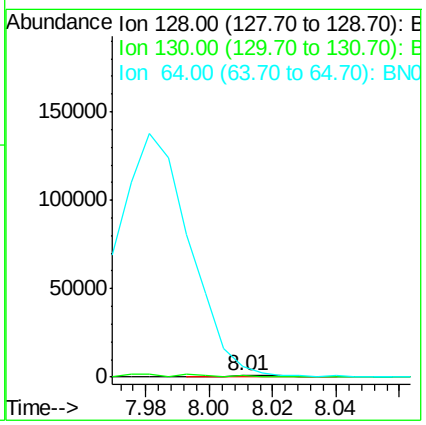


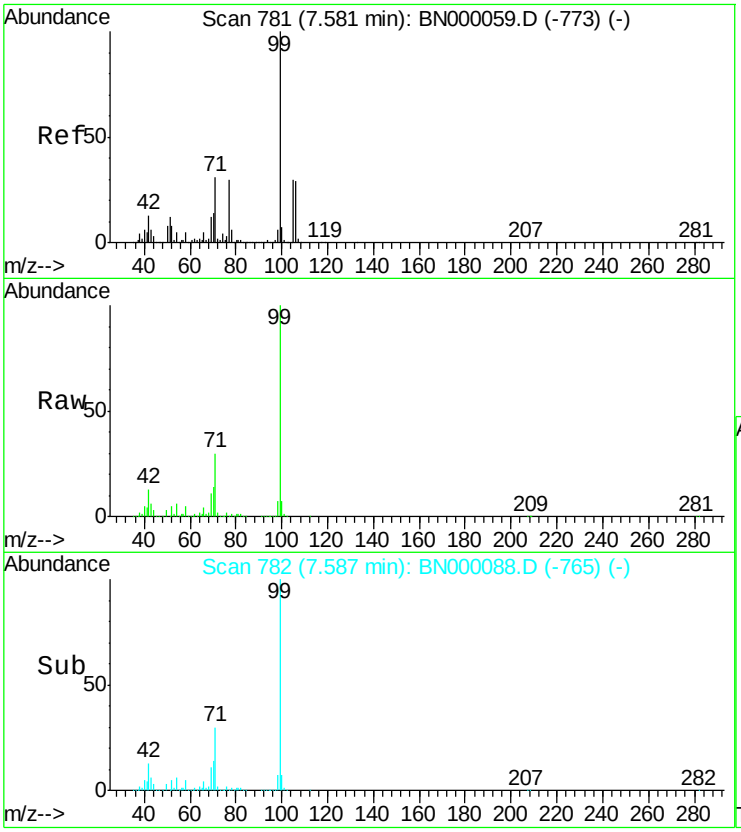


#8
2-Chlorophenol
Concen: 0.04 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:128 Resp: 1334

Ion	Ratio	Lower	Upper
128	100		
130	67.4	14.0	54.0#
64	618.0	37.7	77.7#



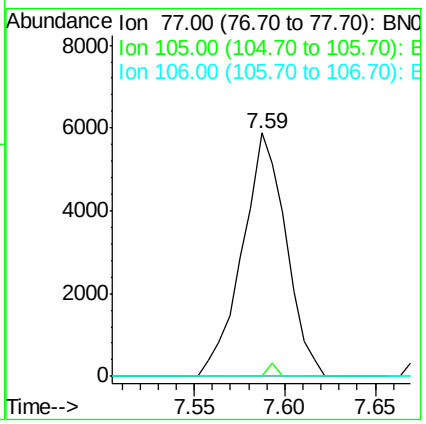


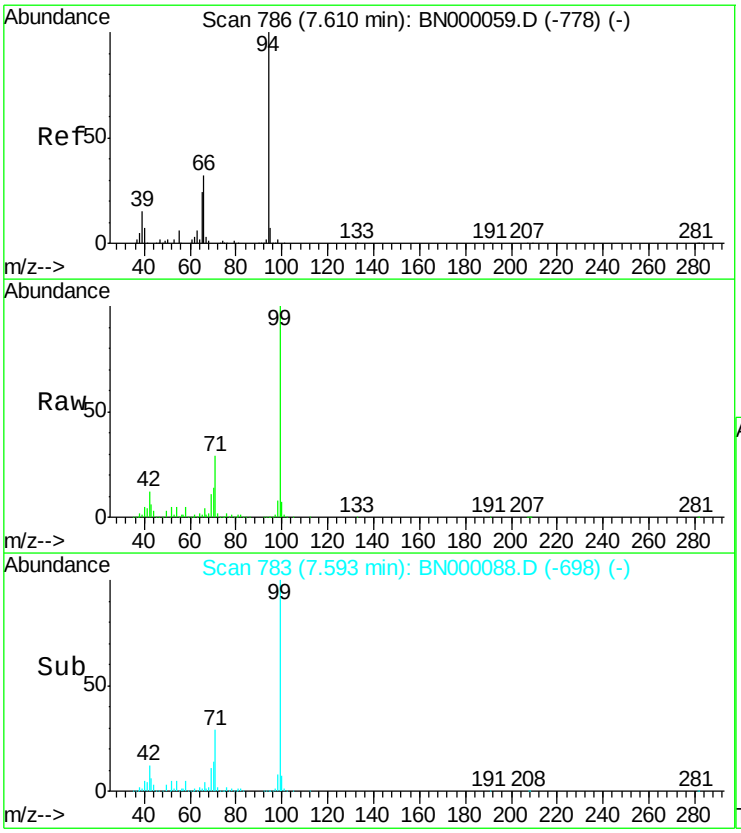
#9
Benzaldehyde
Concen: 0.33 ng
RT: 7.59 min Scan# 782
Delta R.T. 0.00 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 9865

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

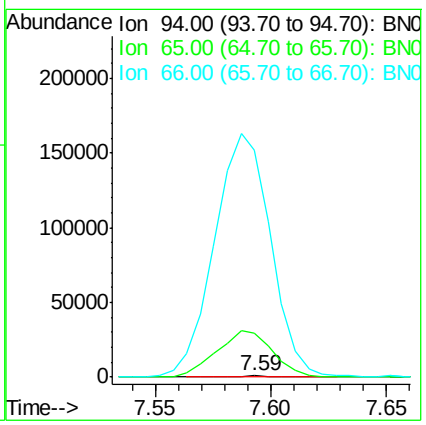


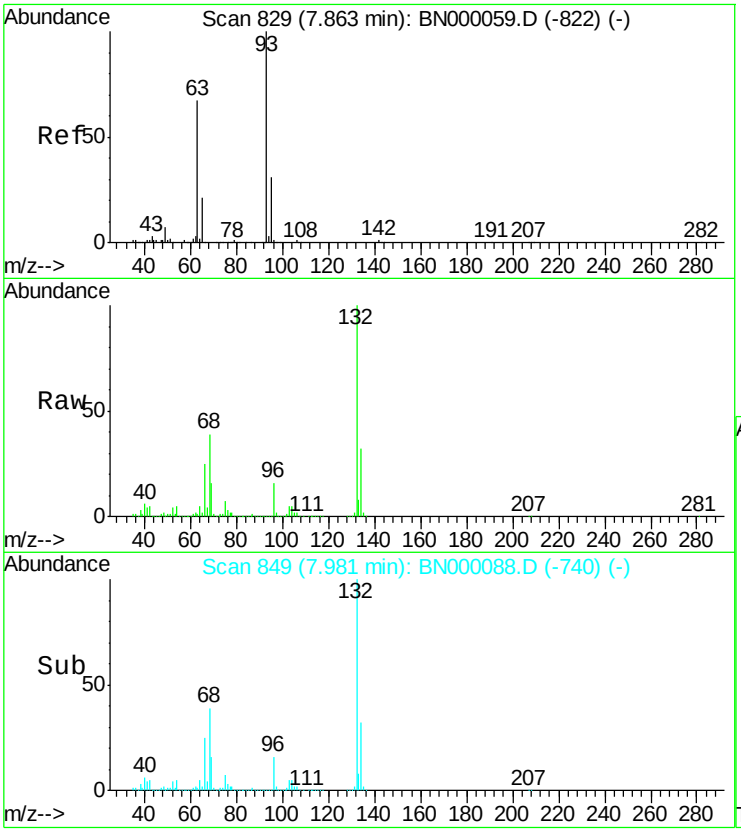


#10
Phenol
Concen: 0.03 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.03 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 94 Resp: 1364

Ion	Ratio	Lower	Upper
94	100		
65	3094.6	11.9	51.9#
66	15794.2	22.2	62.2#



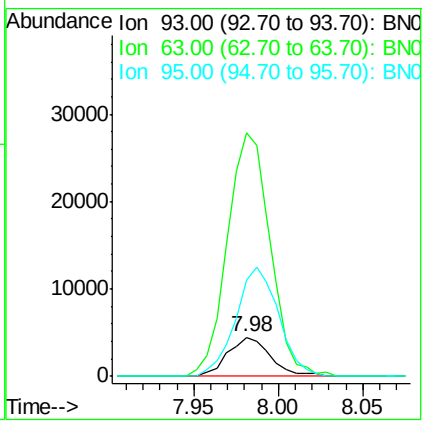


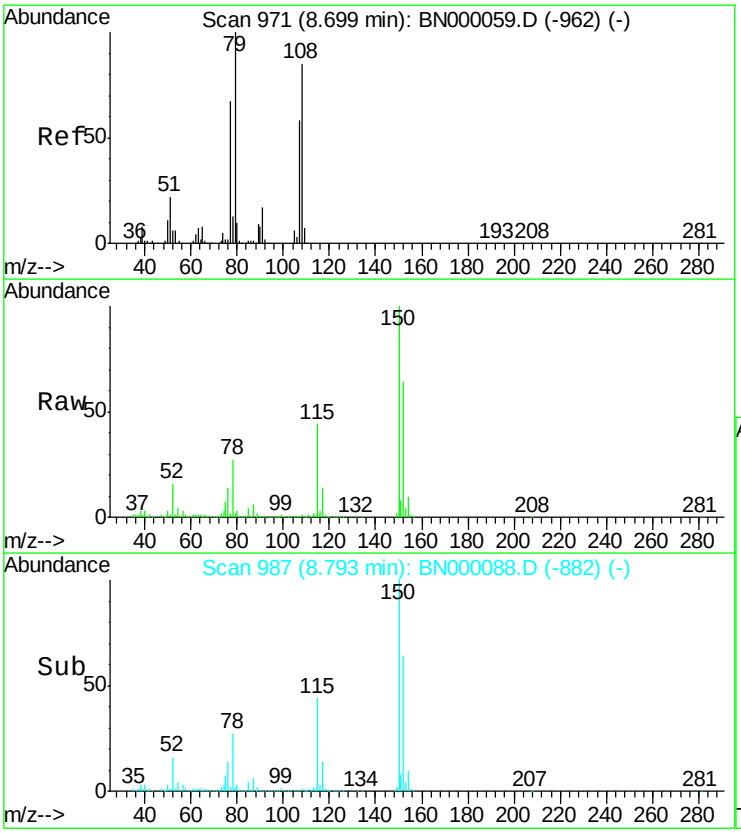
#11
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.11 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 7829

Ion	Ratio	Lower	Upper
93	100		
63	626.9	67.1	107.1#
95	249.9	11.5	51.5#

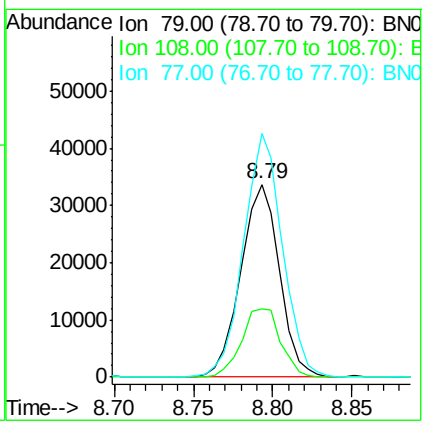


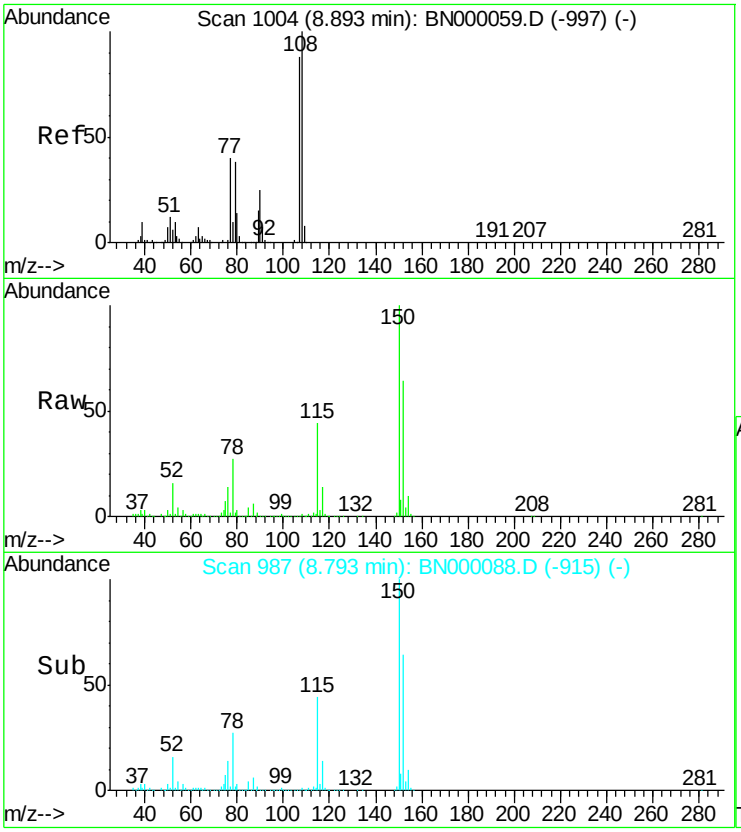


#15
Benzyl Alcohol
Concen: 1.67 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.09 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 79 Resp: 57182

Ion	Ratio	Lower	Upper
79	100		
108	35.6	57.2	85.8#
77	126.4	46.1	69.1#



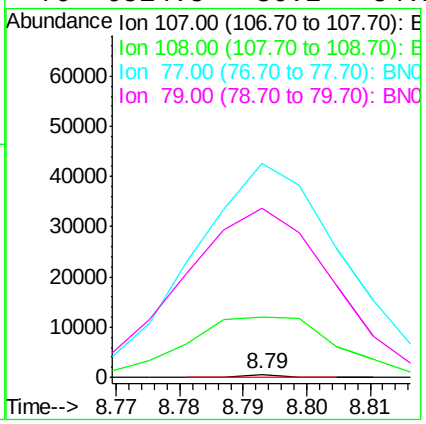


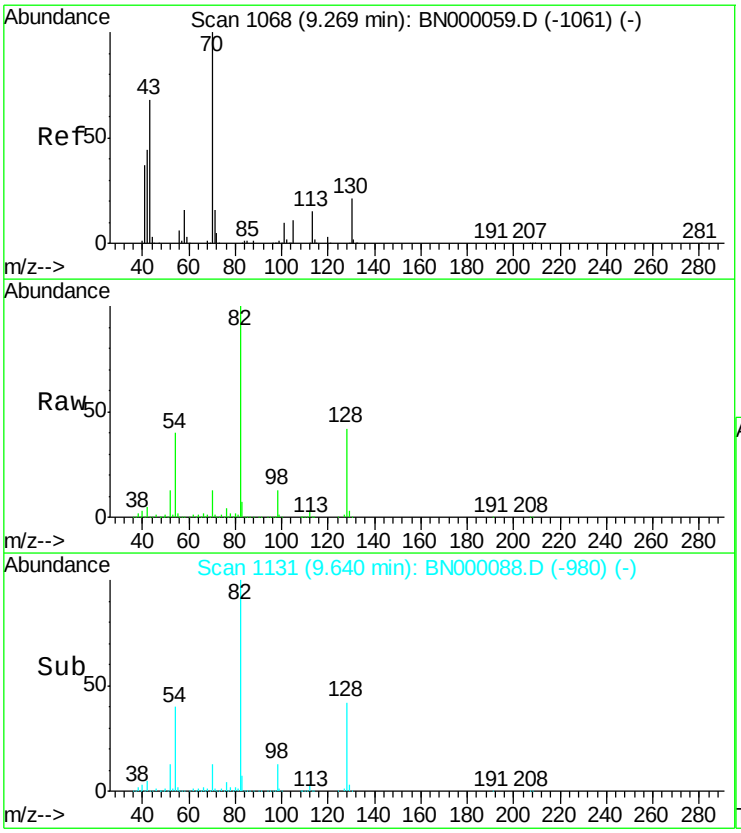
#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.11 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 182

Ion	Ratio	Lower	Upper
107	100		
108	2320.5	83.9	125.9#
77	8235.2	37.2	55.8#
79	6514.5	36.2	54.2#

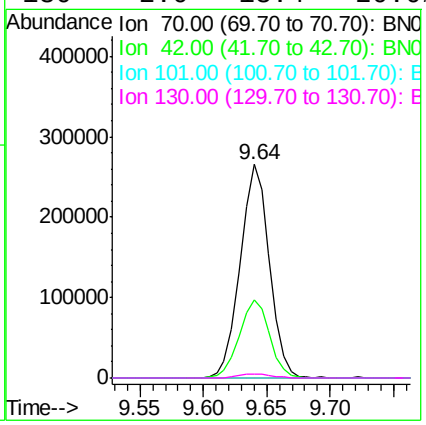


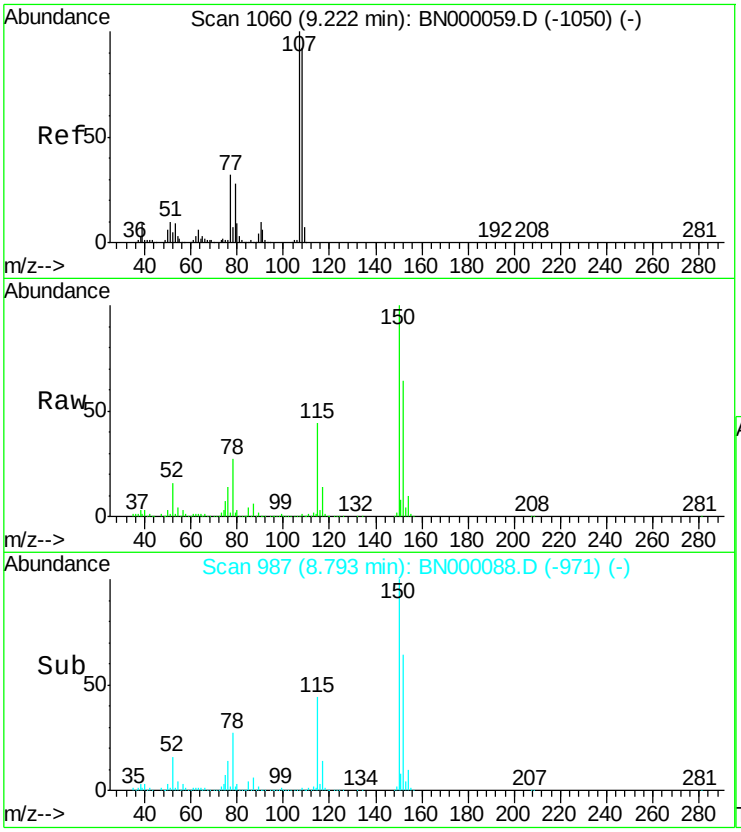


#19
n-Nitroso-di-n-propylamine
Concen: 13.31 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.36 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 70 Resp: 423856

Ion	Ratio	Lower	Upper
70	100		
42	36.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



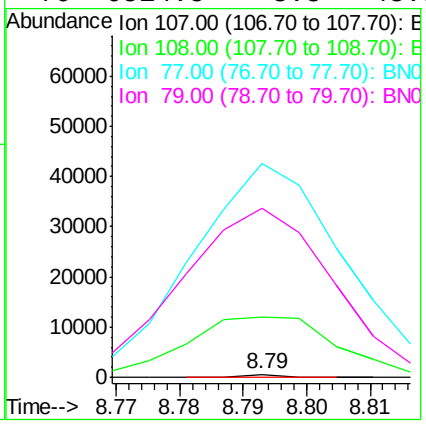


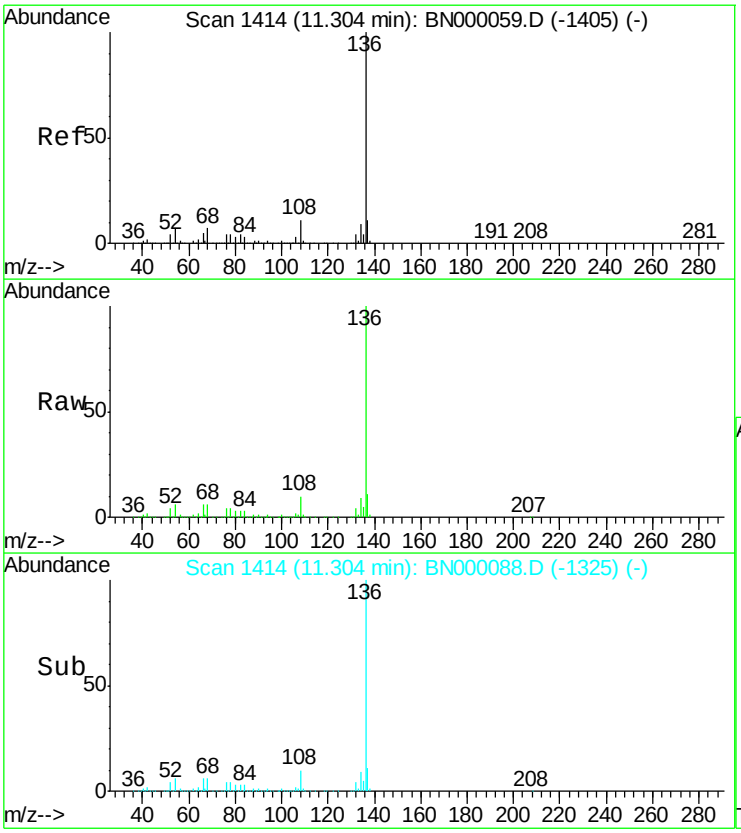
#20
3+4-Methylphenols
Concen: 0.00 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.44 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 182

Ion	Ratio	Lower	Upper
107	100		
108	2320.5	61.6	101.6#
77	8235.2	13.9	53.9#
79	6514.5	8.8	48.8#

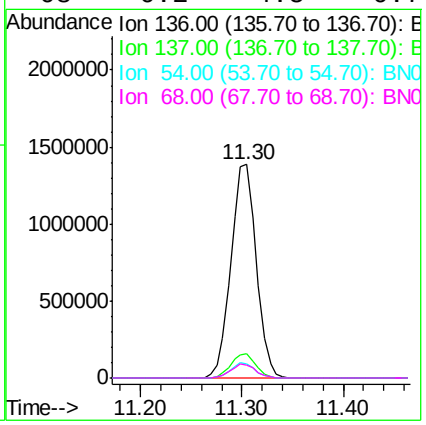


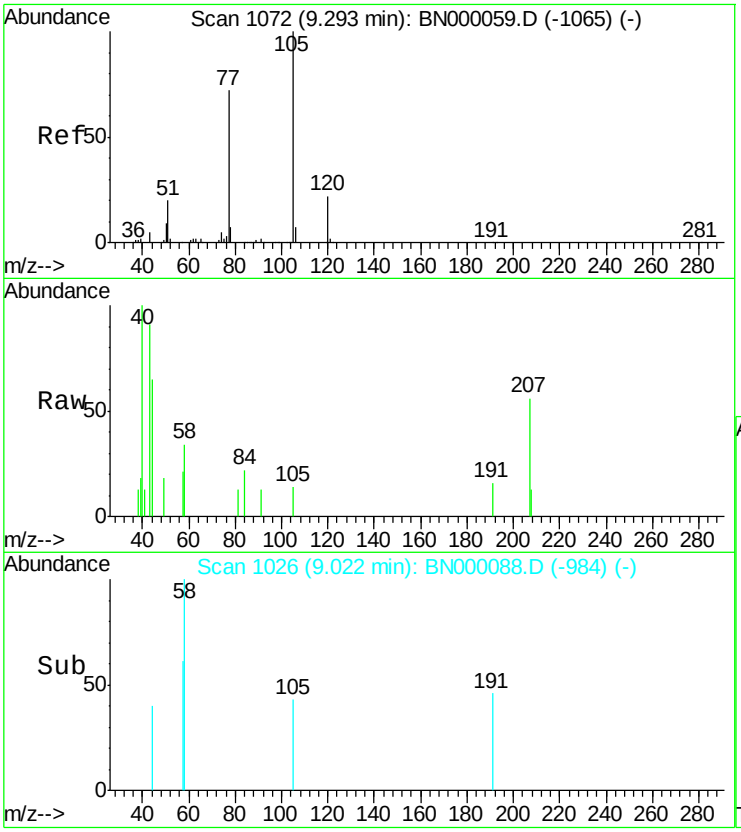


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:136 Resp: 2401482

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.5	10.3	15.5#
68	6.2	4.5	6.7



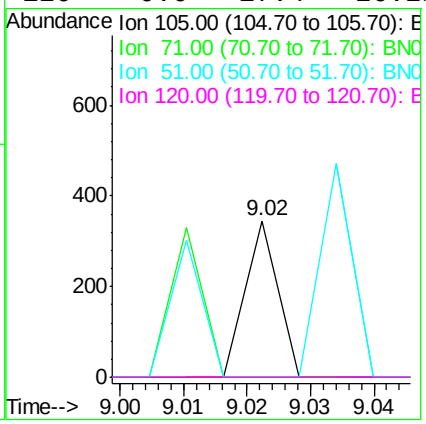


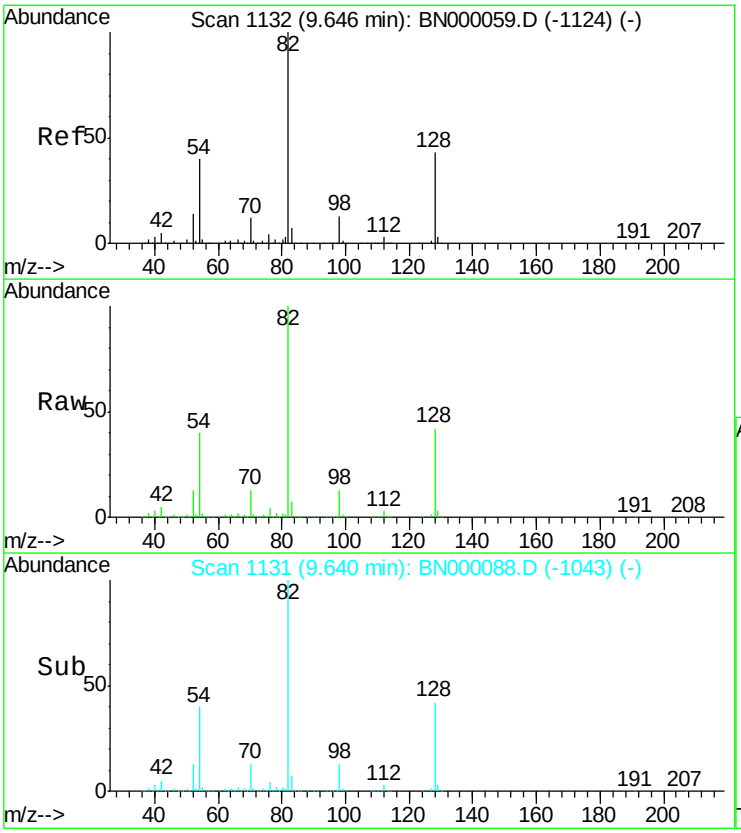
#22
Acetophenone
Concen: 0.00 ng
RT: 9.02 min Scan# 1026
Delta R.T. -0.28 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 122

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

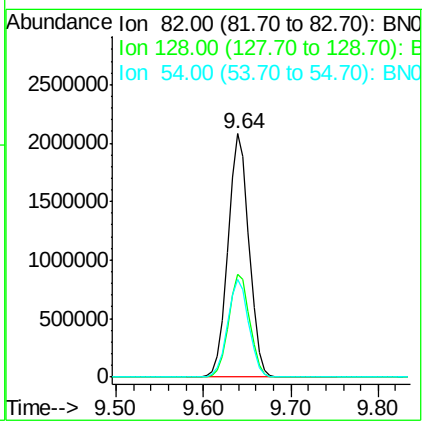


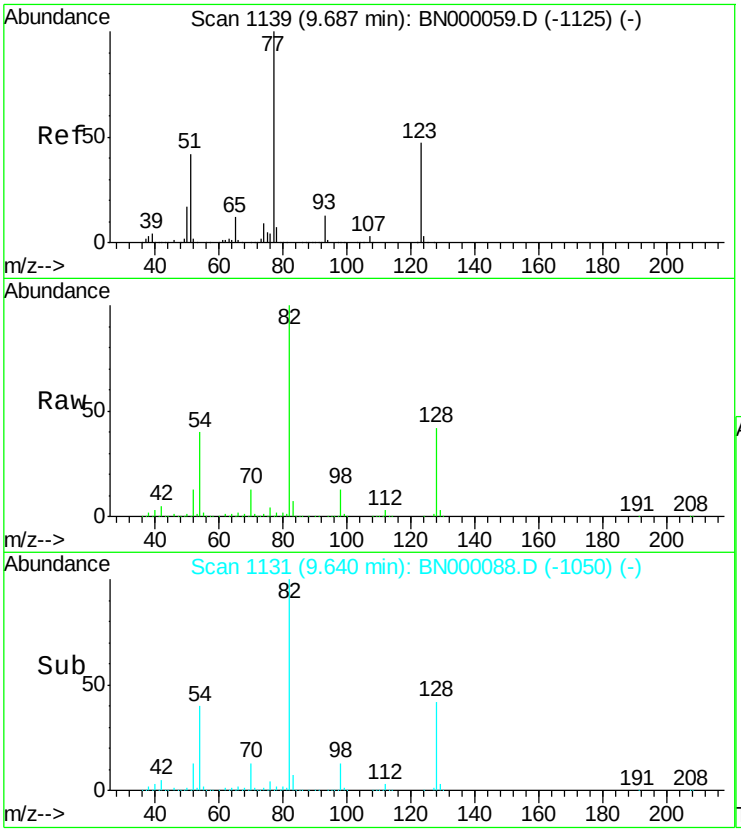


#23
Nitrobenzene-d5
Concen: 83.90 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 82 Resp: 3388917

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	40.0	43.1	64.7#



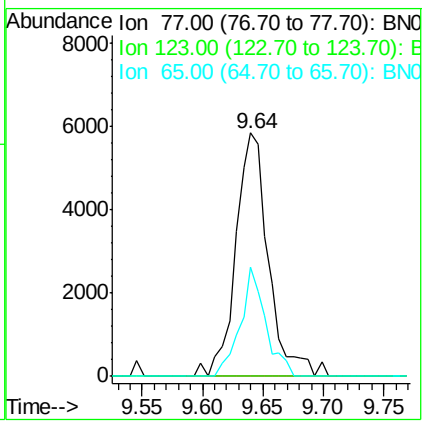


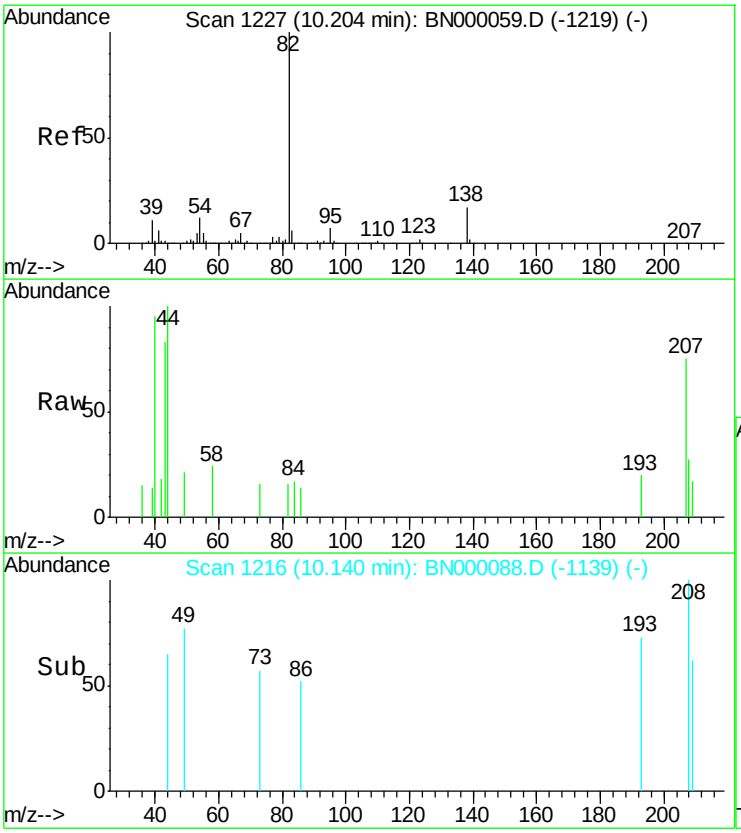
#24
Nitrobenzene
Concen: 0.25 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.05 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 11072

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	44.6	13.0	19.6#

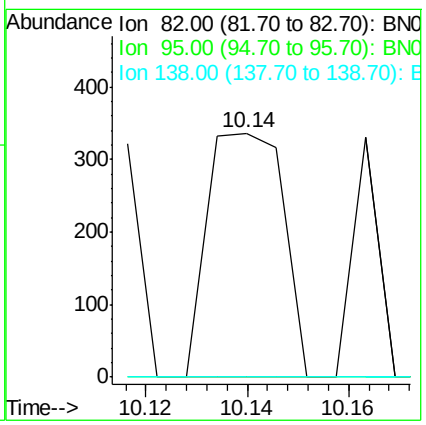


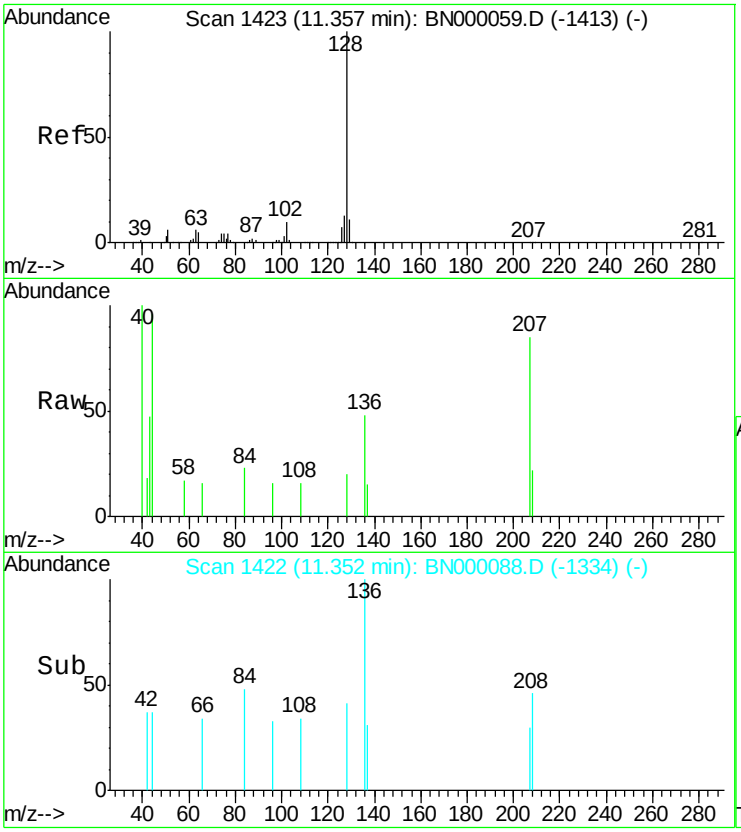


#25
Isophorone
Concen: 0.00 ng
RT: 10.14 min Scan# 1216
Delta R.T. -0.08 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 82 Resp: 348

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



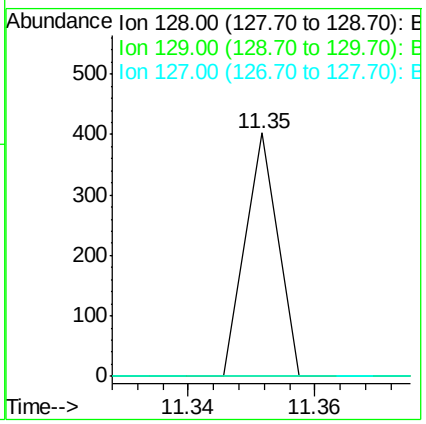


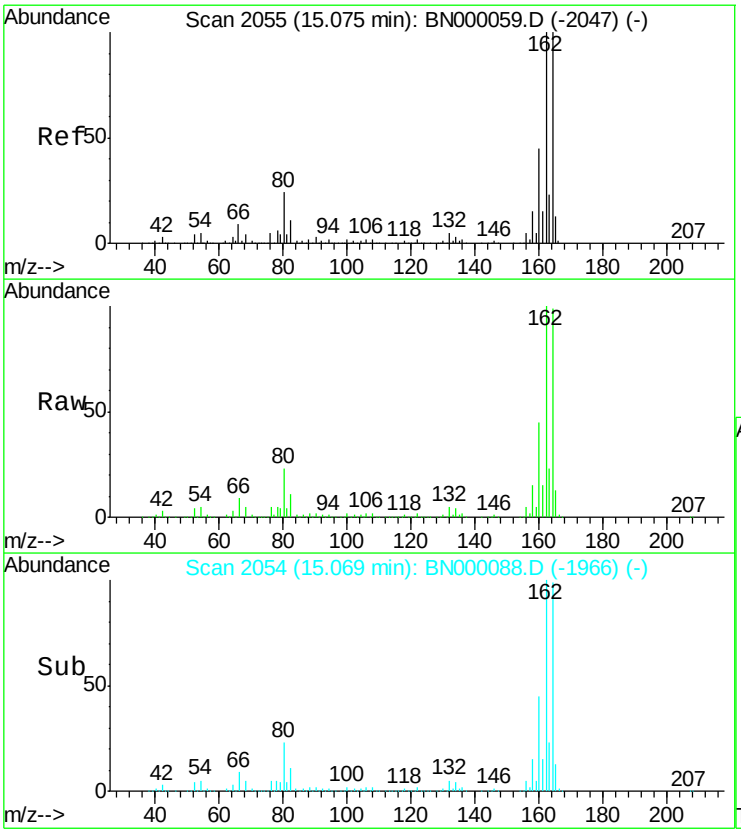
#31
Naphthalene
Concen: 0.00 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 142

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

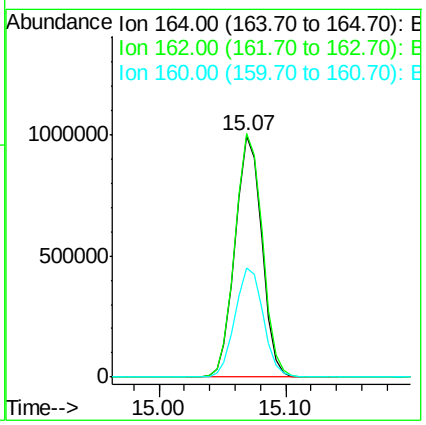


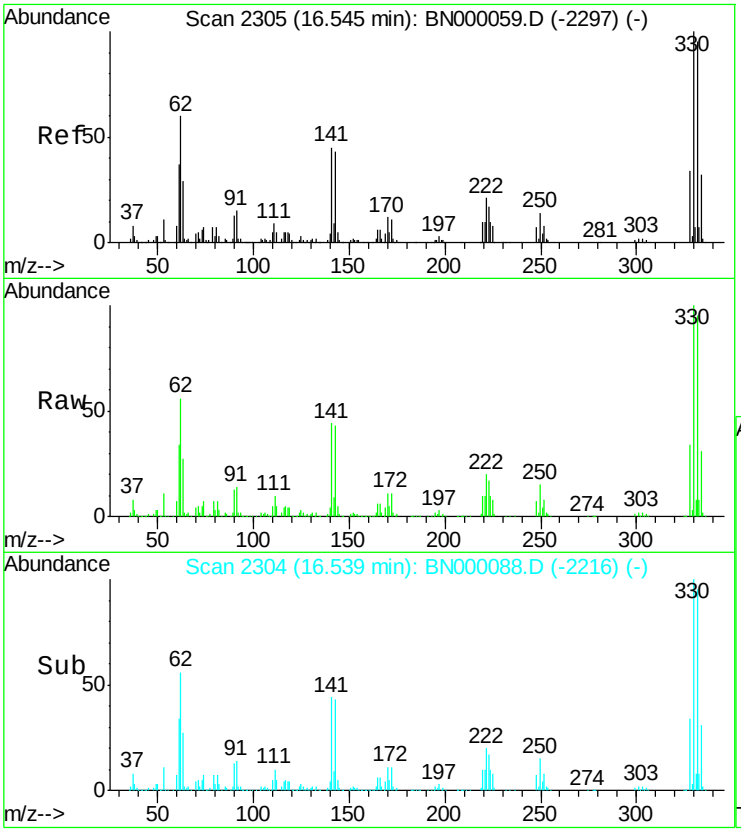


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:164 Resp: 1450316

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.4	35.4	53.0



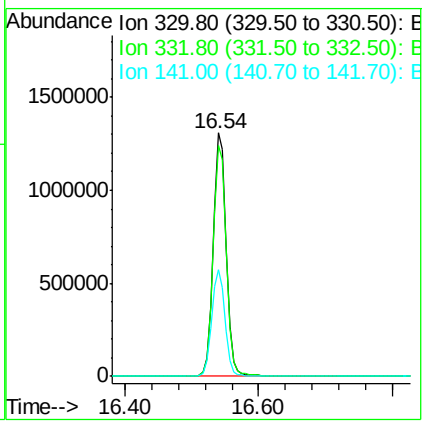


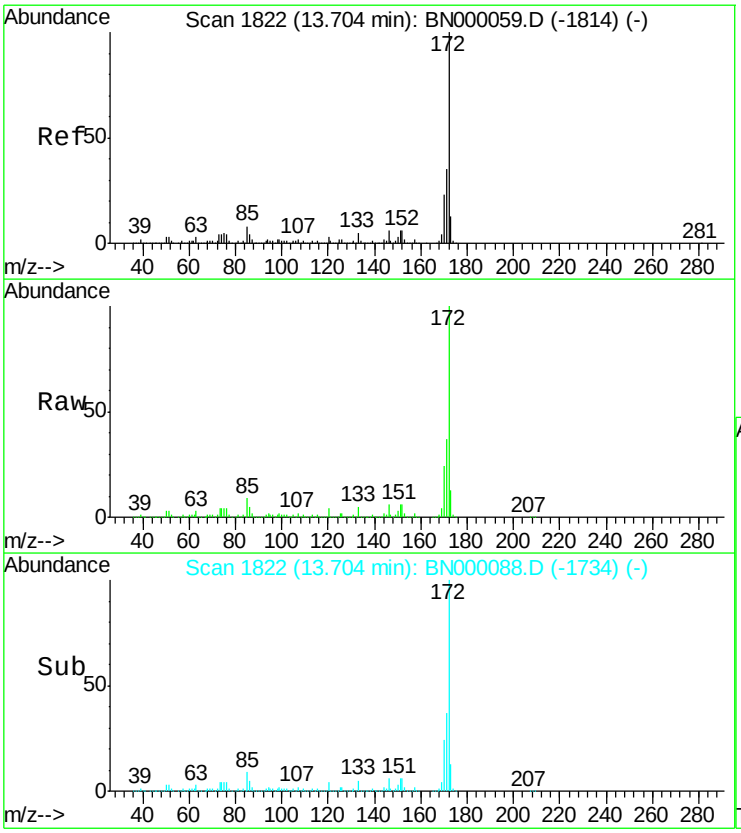
#41
2,4,6-Tribromophenol
Concen: 125.36 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1799658

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	45.0	25.2	37.8#

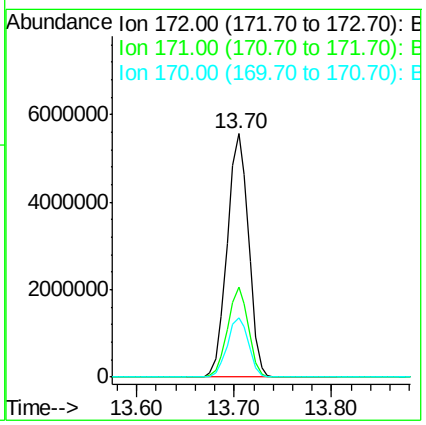


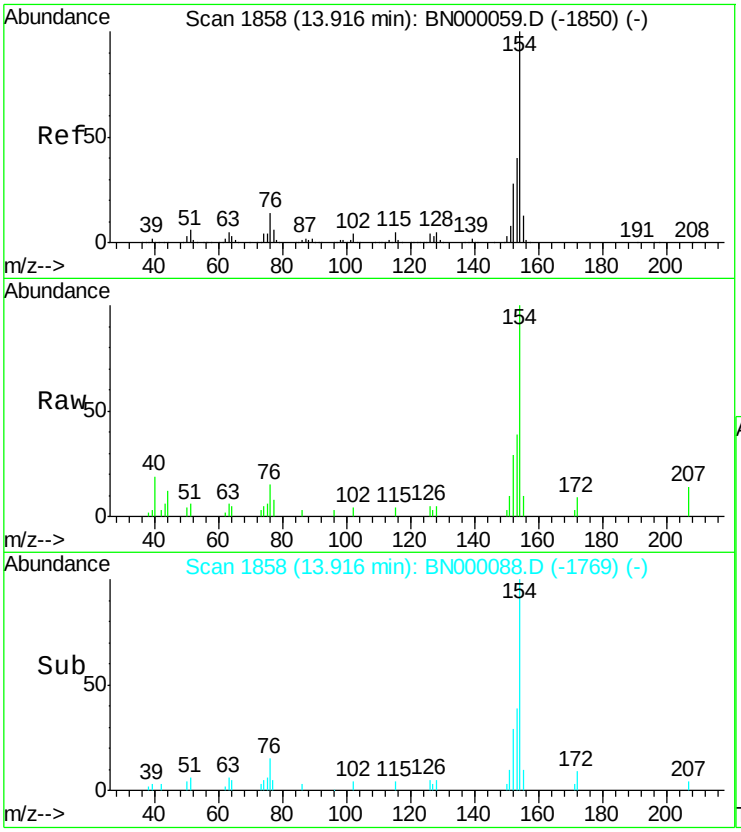


#44
2-Fluorobiphenyl
Concen: 81.78 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:172 Resp: 8415476

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.2	19.5	29.3



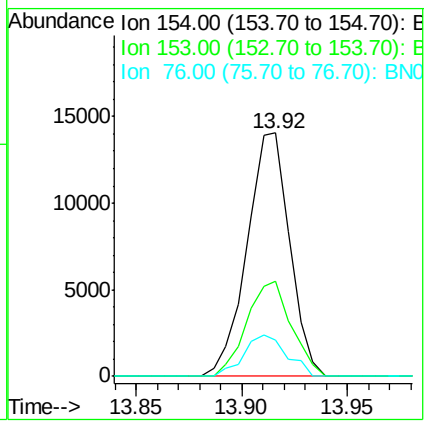


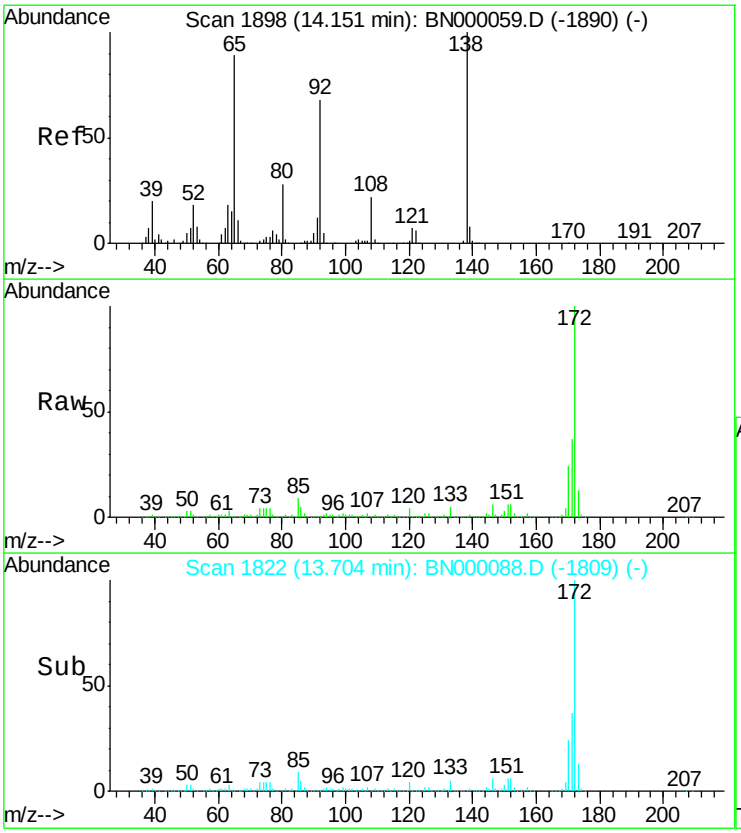
#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 19757

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.8	59.8
76	15.1	0.0	31.9

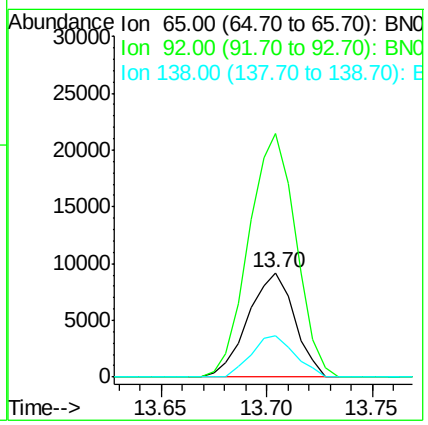


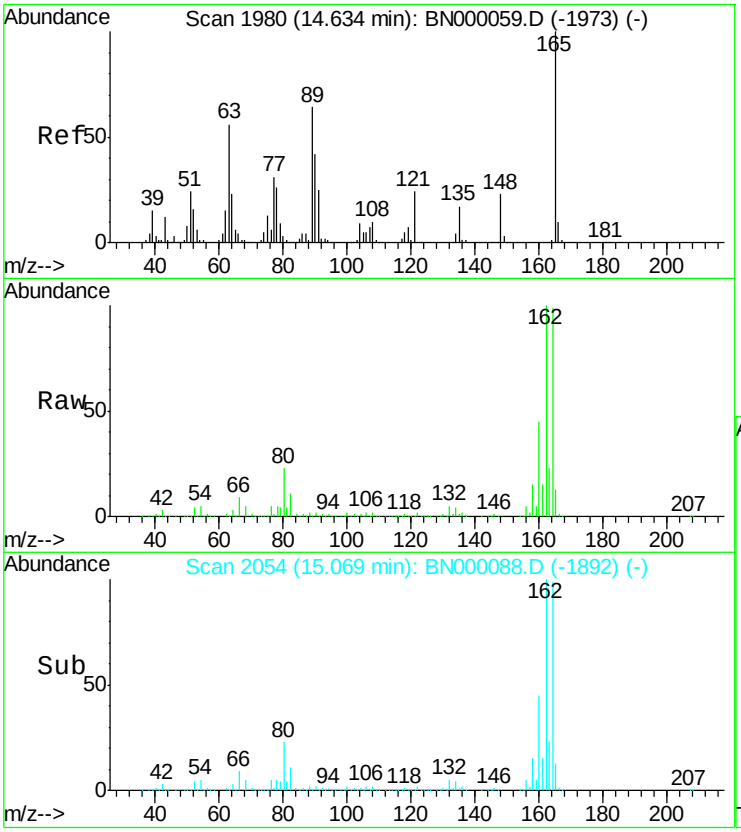


#47
2-Nitroaniline
Concen: 5.33 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.45 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 65 Resp: 14043

Ion	Ratio	Lower	Upper
65	100		
92	233.4	54.6	82.0#
138	39.3	72.9	109.3#



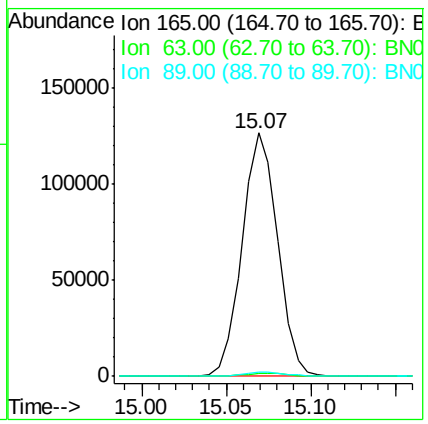


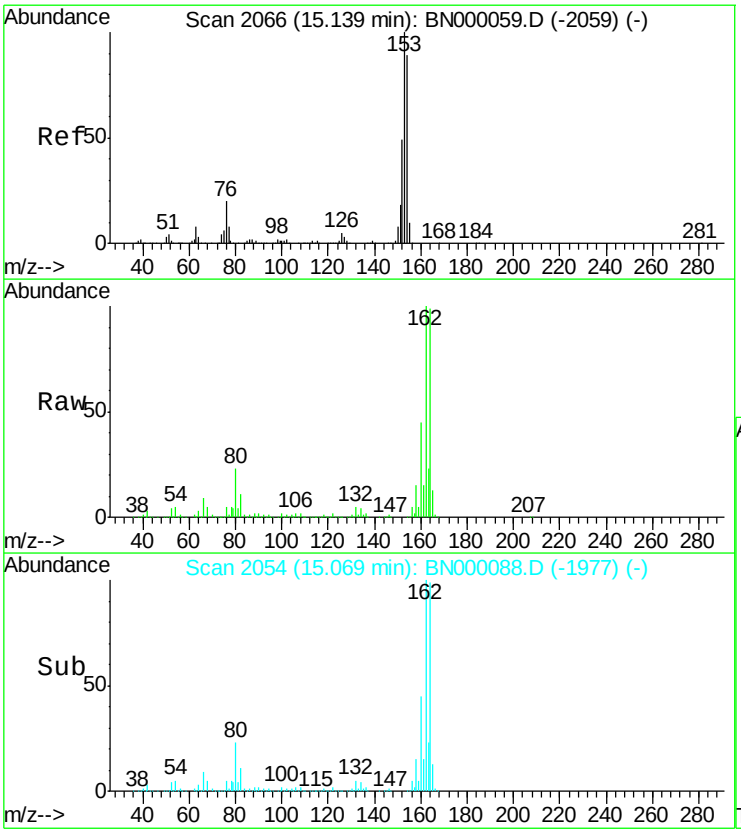
#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.42 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 185457

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	1.8	49.2	73.8#

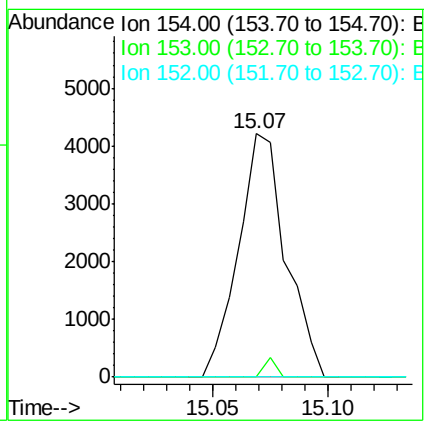


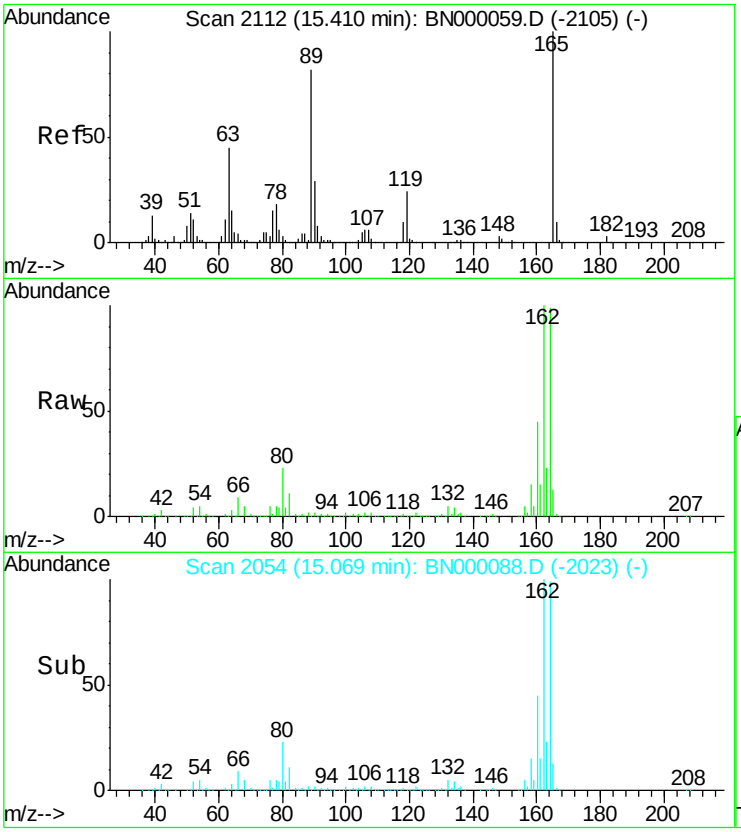


#51
Acenaphthene
Concen: 0.06 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.08 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:154 Resp: 6033

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



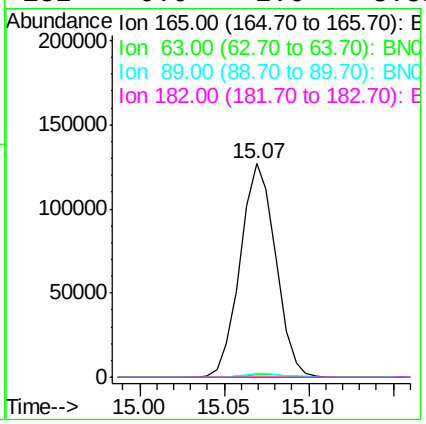


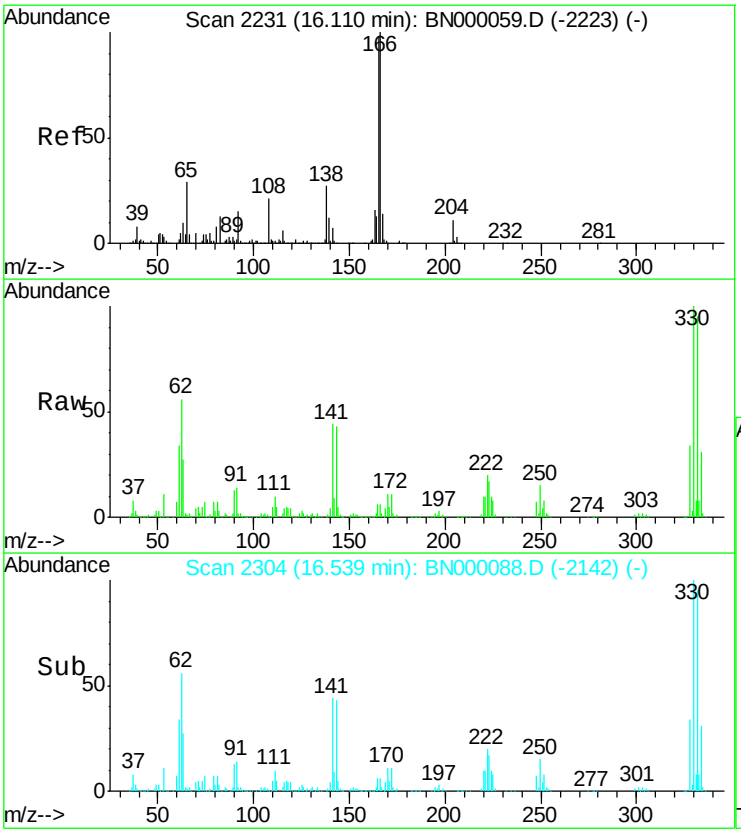
#56
2,4-Dinitrotoluene
Concen: 8.91 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 185457

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

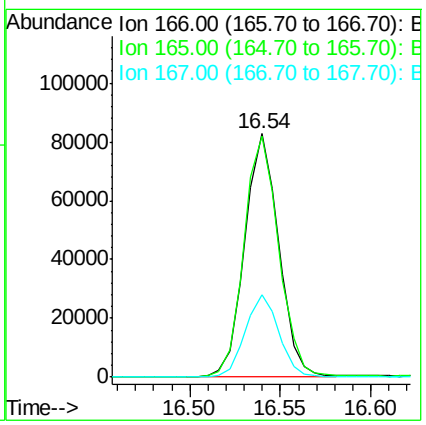


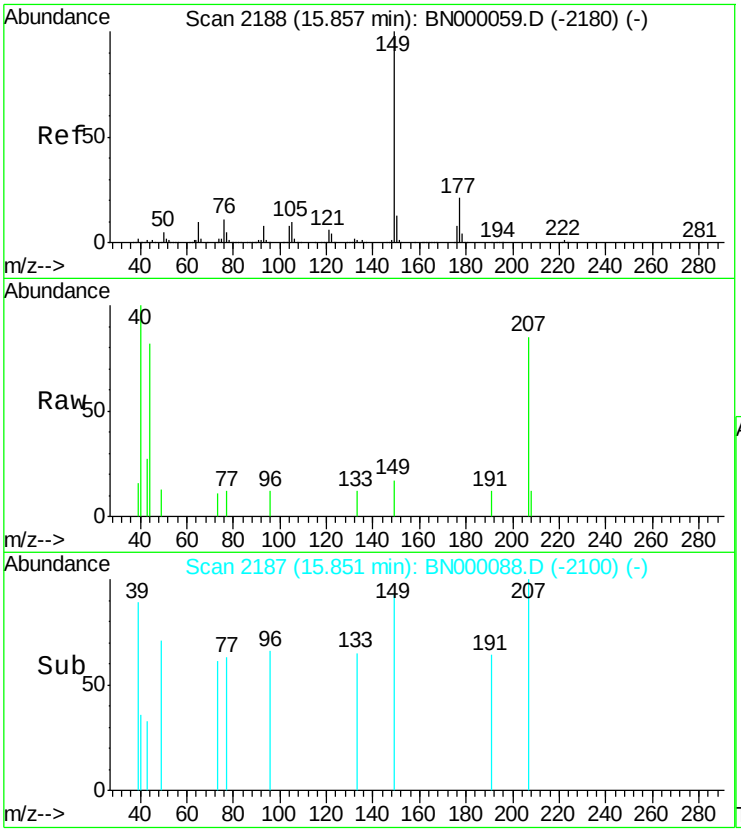


#57
Fluorene
Concen: 0.93 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.42 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:166 Resp: 107902

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.6	121.0
167	34.0	10.4	15.6#



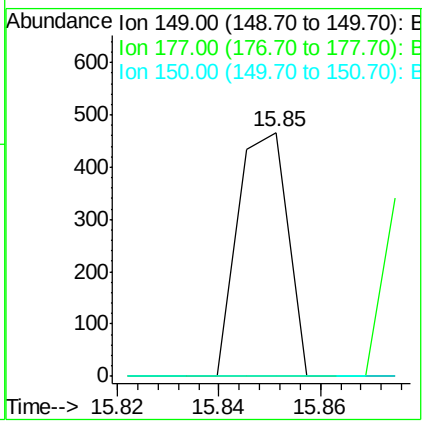


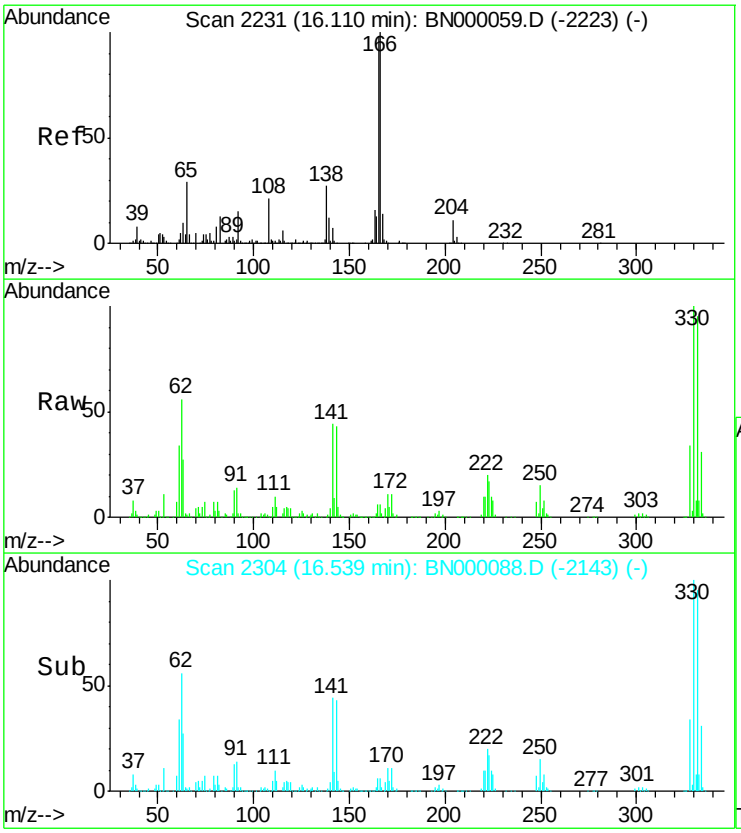
#59
Diethylphthalate
Concen: 0.00 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 317

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

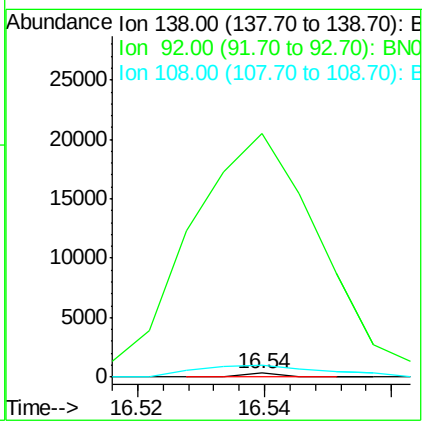


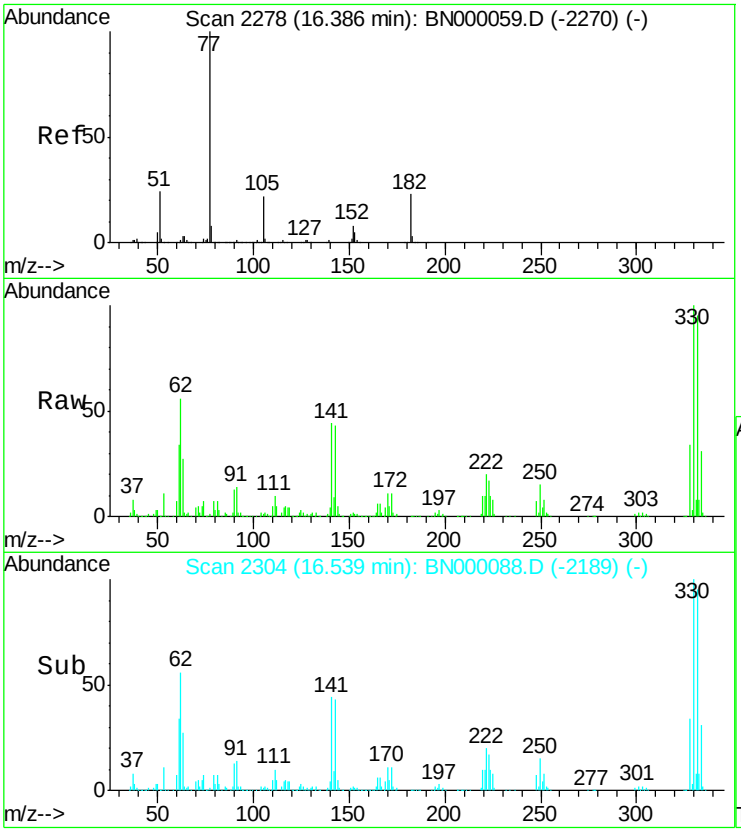


#61
4-Nitroaniline
Concen: 0.00 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.42 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:138 Resp: 112

Ion	Ratio	Lower	Upper
138	100		
92	6463.1	40.1	80.1#
108	318.9	65.4	105.4#



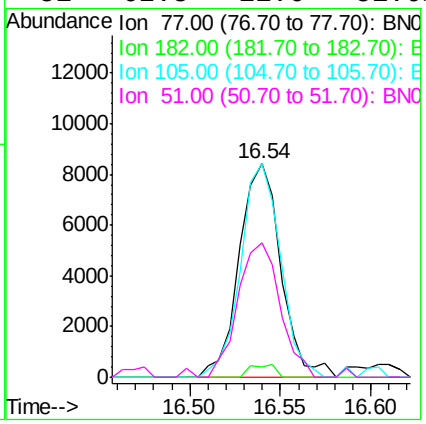


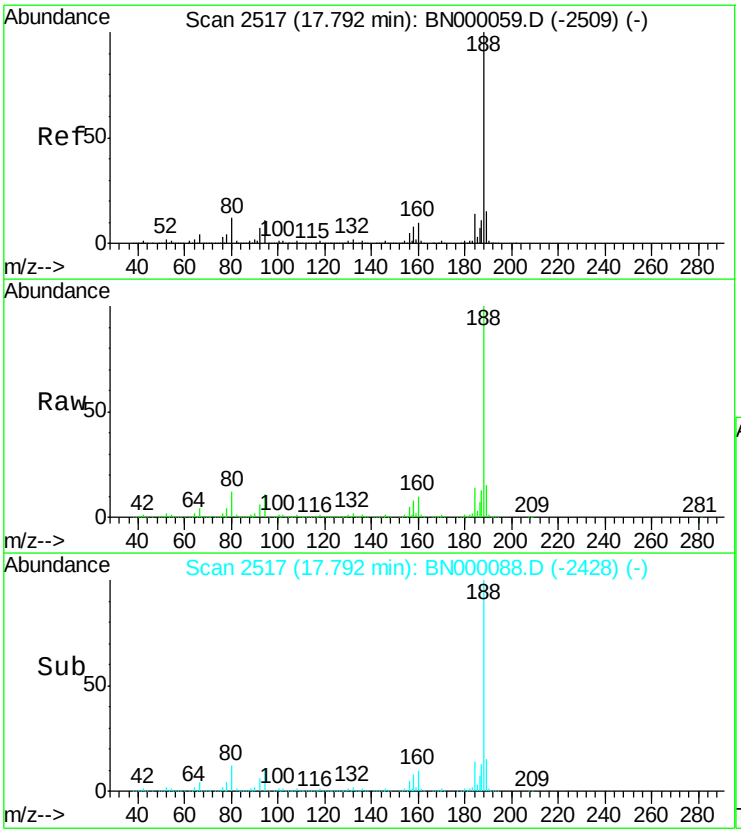
#62
Azobenzene
Concen: 0.11 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.15 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 13449

Ion	Ratio	Lower	Upper
77	100		
182	4.8	7.4	47.4#
105	99.8	0.3	40.3#
51	62.8	11.6	51.6#

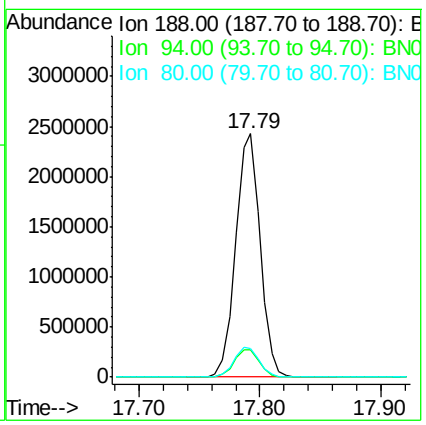


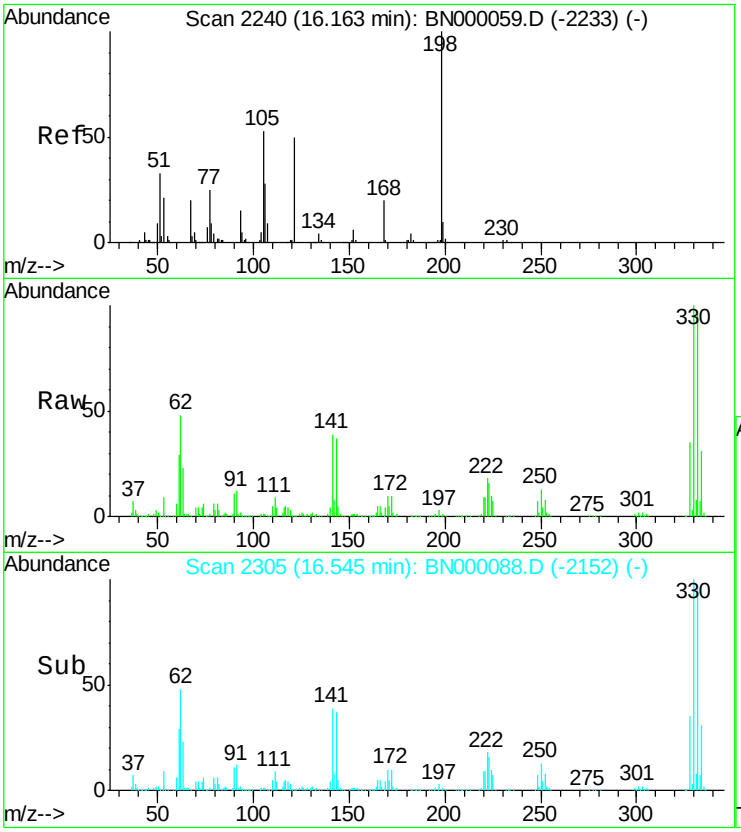


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:188 Resp: 3423242

Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.9	10.3#
80	12.0	7.7	11.5#



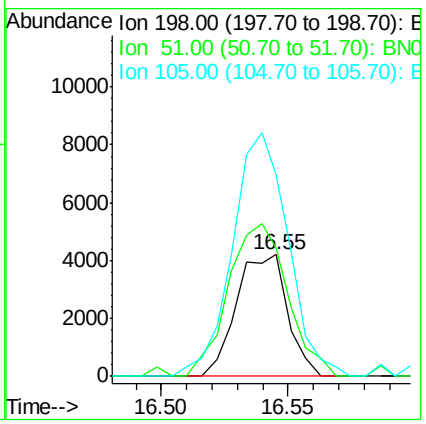


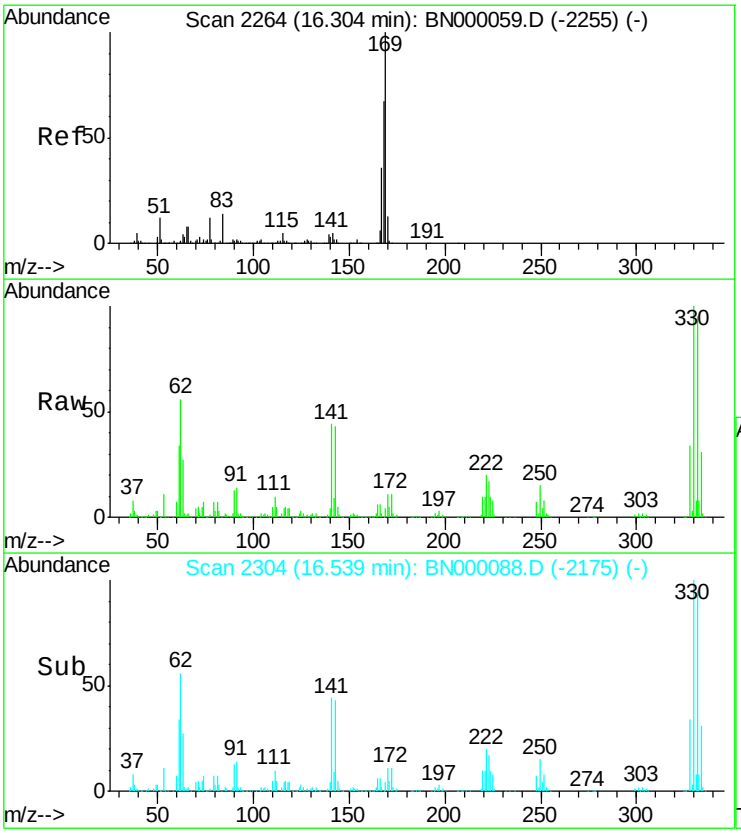
#64
4,6-Dinitro-2-methylphenol
Concen: 9.00 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.37 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 5890

Ion	Ratio	Lower	Upper
198	100		
51	105.9	30.6	70.6#
105	165.6	23.8	63.8#

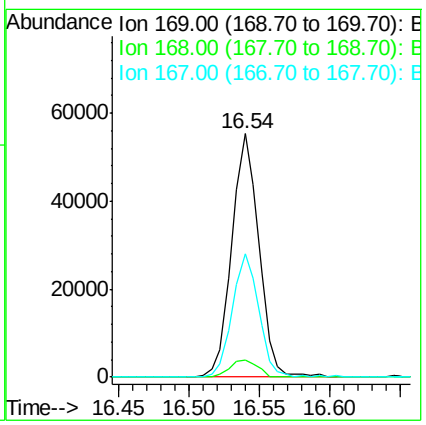


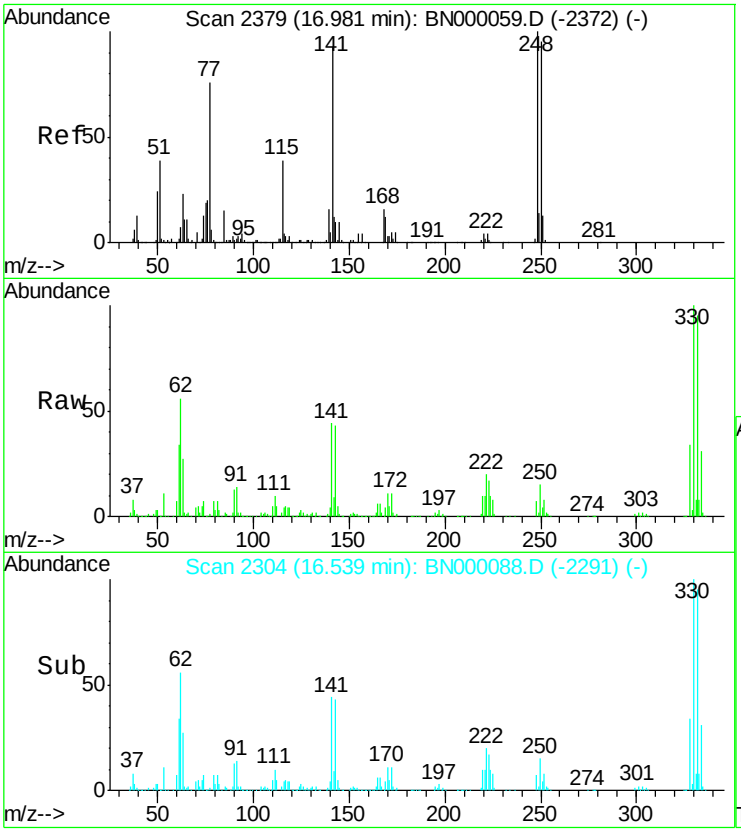


#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.23 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:169 Resp: 74035

Ion	Ratio	Lower	Upper
169	100		
168	7.1	55.7	83.5#
167	50.8	30.1	45.1#



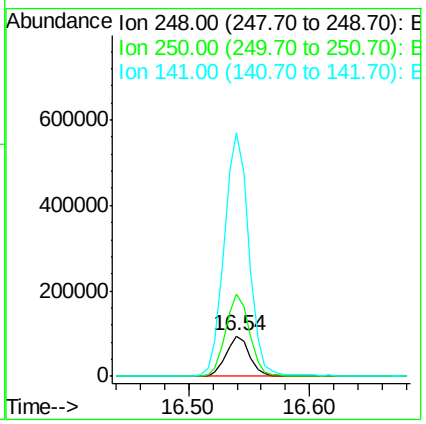


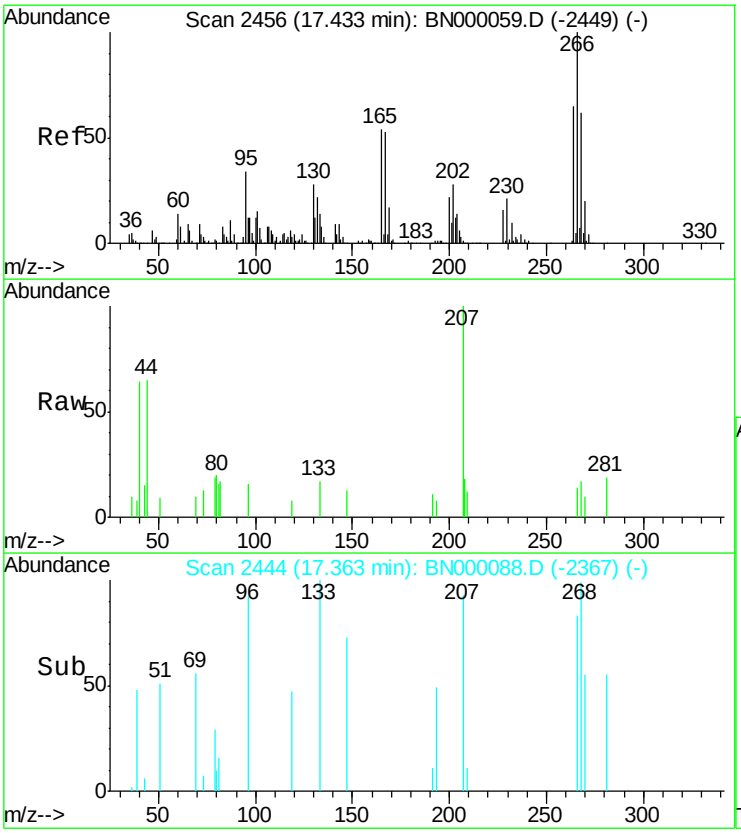
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.45 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 127663

Ion	Ratio	Lower	Upper
248	100		
250	204.7	77.1	115.7#
141	605.9	50.8	76.2#

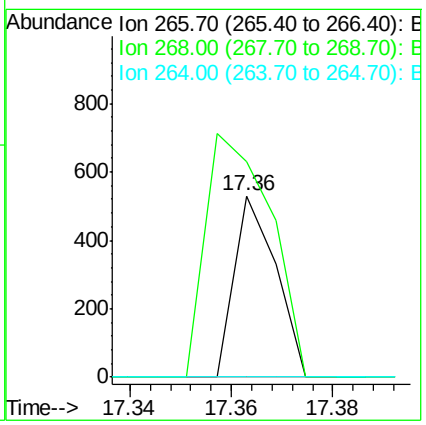


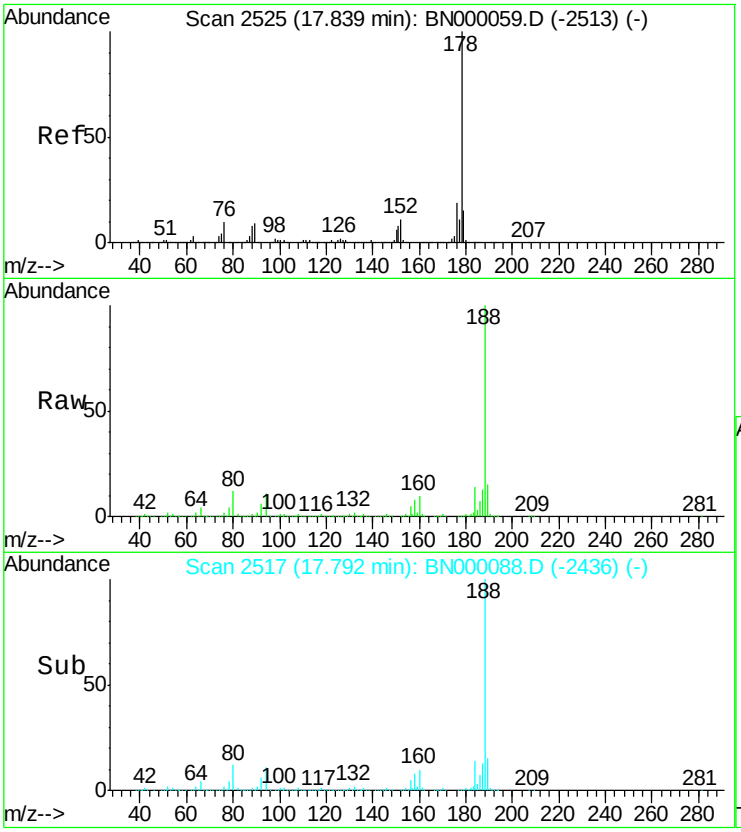


#69
Pentachlorophenol
Concen: 5.84 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.08 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:266 Resp: 304

Ion	Ratio	Lower	Upper
266	100		
268	118.6	51.1	76.7#
264	0.0	49.6	74.4#



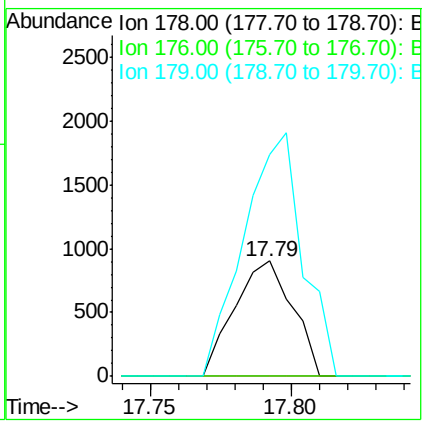


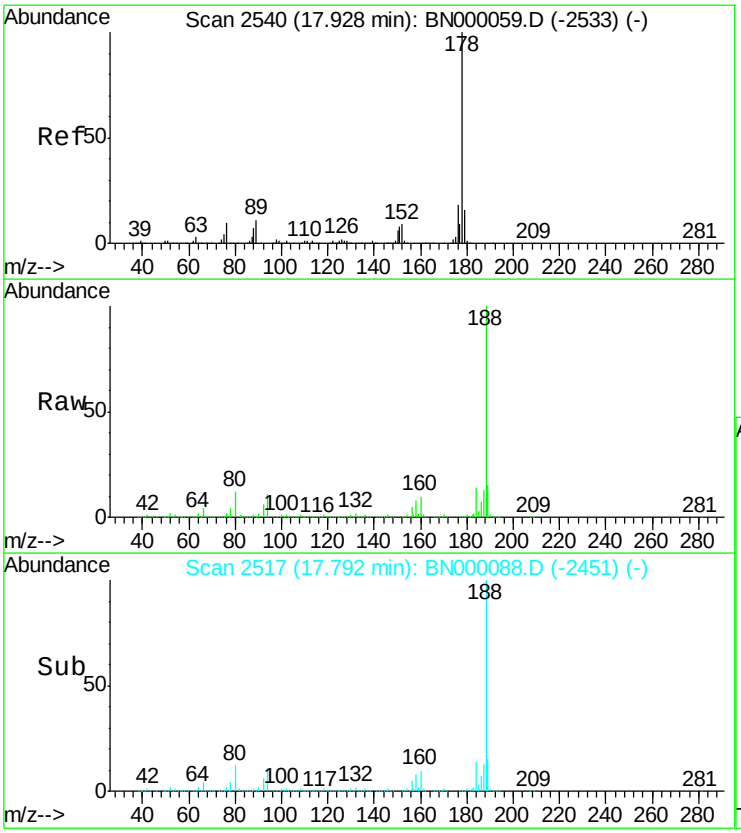
#70
Phenanthrene
Concen: 0.01 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.05 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1288

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	192.6	12.5	18.7#

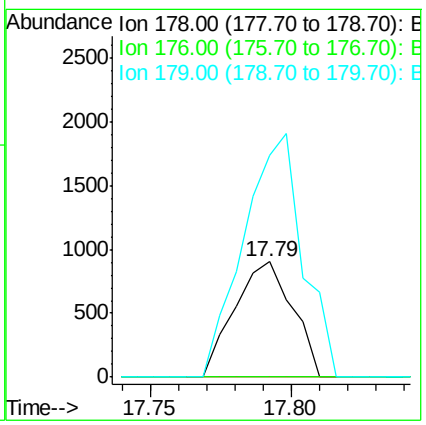


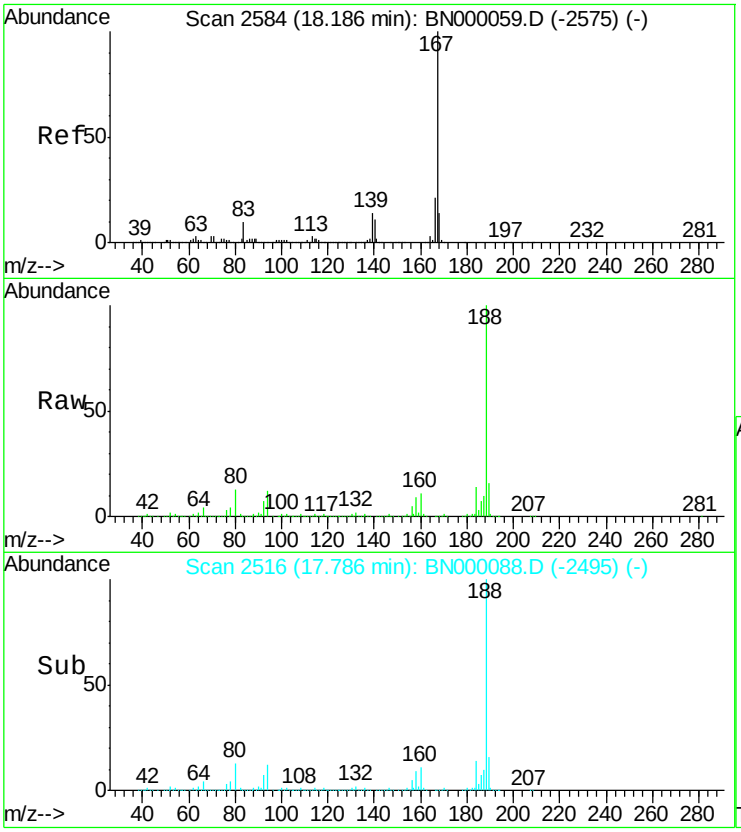


#71
Anthracene
Concen: 0.01 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.14 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:178 Resp: 1288

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	192.6	12.5	18.7#



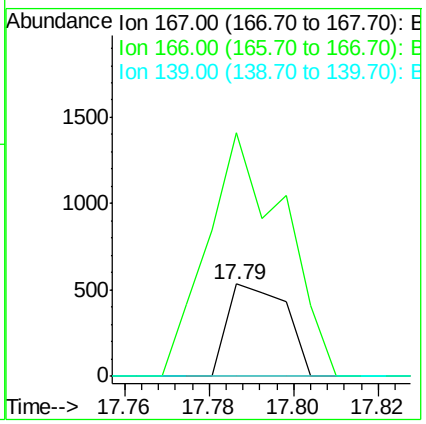


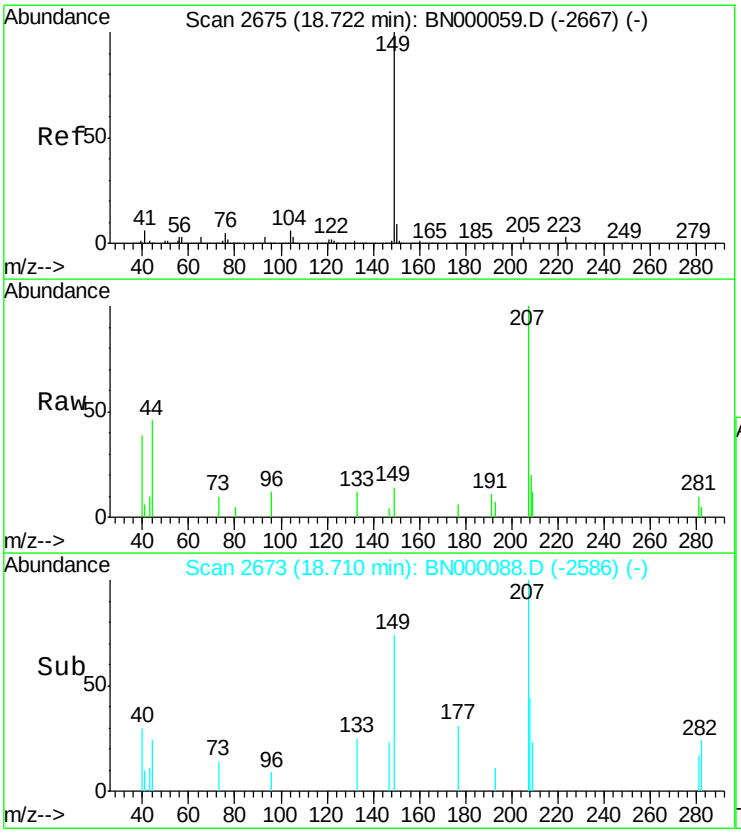
#72
Carbazole
Concen: 0.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.41 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 513

Ion	Ratio	Lower	Upper
167	100		
166	263.1	18.2	27.4#
139	0.0	9.4	14.2#

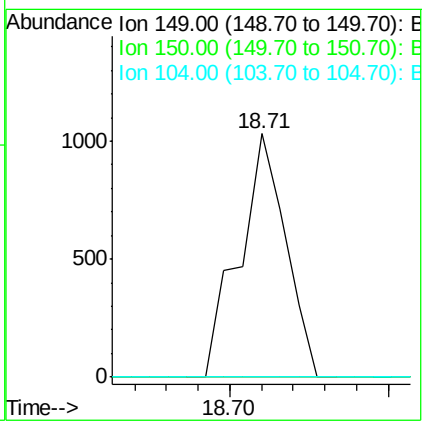


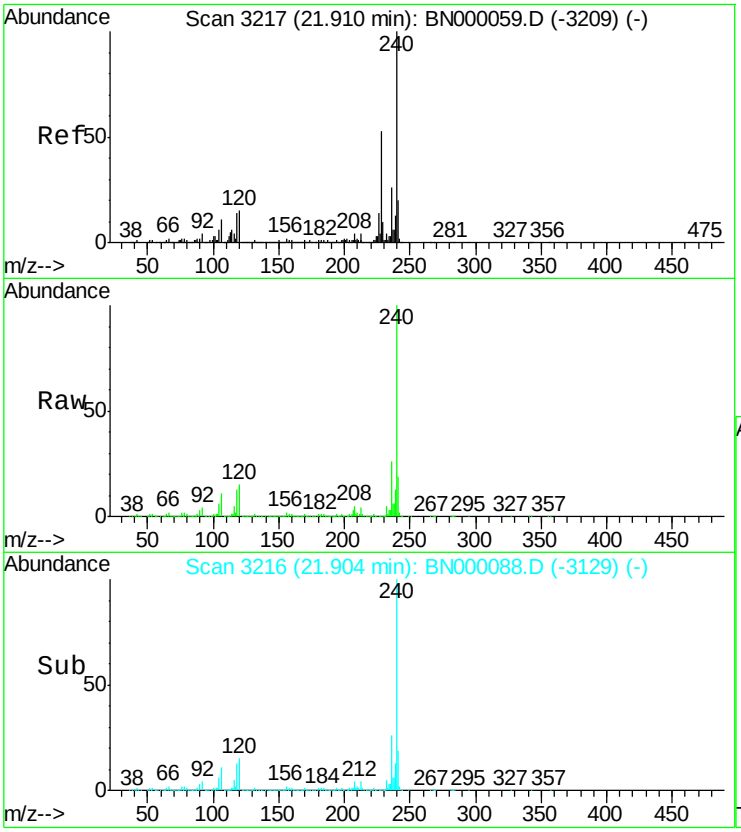


#73
Di-n-butylphthalate
Concen: 0.00 ng
RT: 18.71 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:149 Resp: 1048

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#



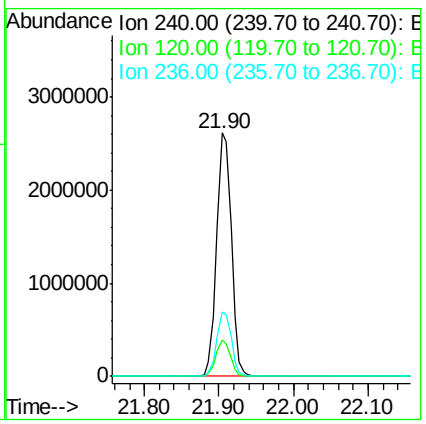


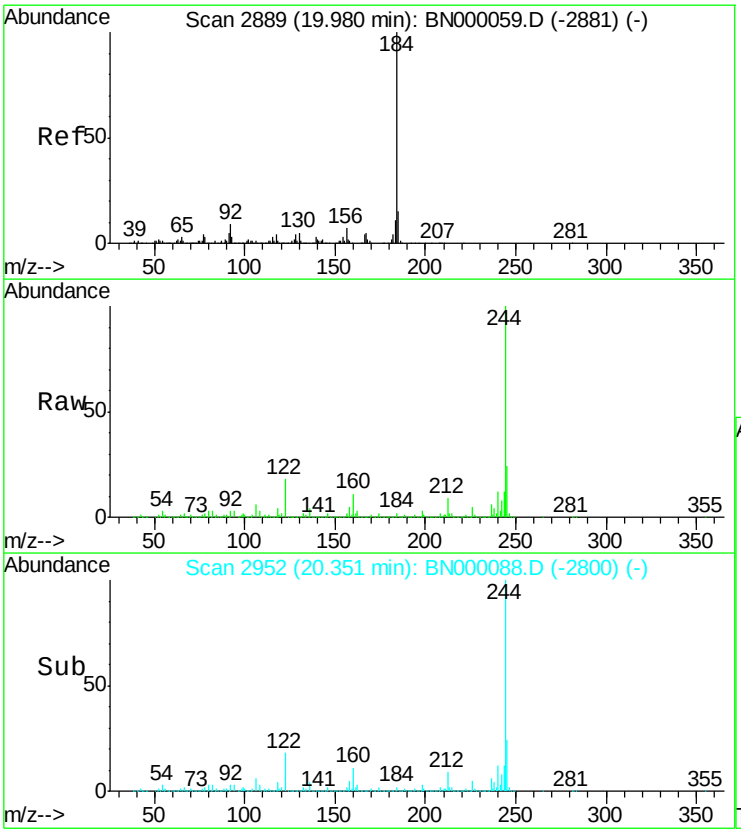
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3568469

Ion	Ratio	Lower	Upper
240	100		
120	15.0	6.8	10.2#
236	26.2	20.9	31.3

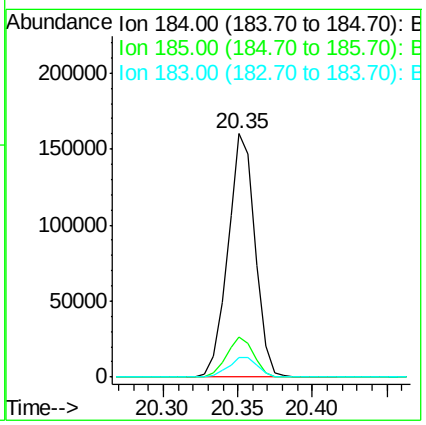


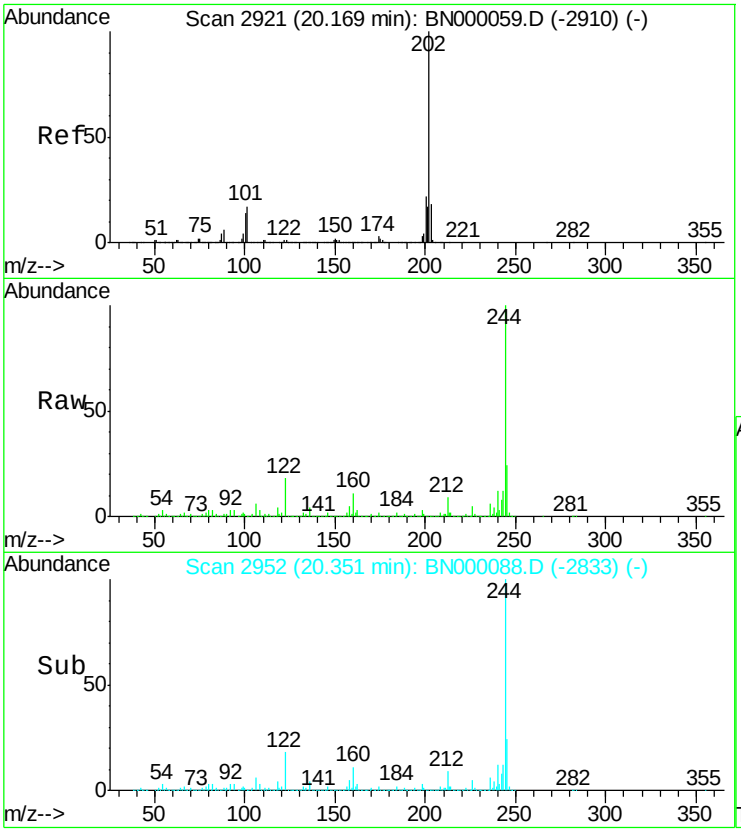


#76
Benzidine
Concen: 1.79 ng
RT: 20.35 min Scan# 2952
Delta R.T. 0.36 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:184 Resp: 203704

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.1	16.7
183	8.3	10.6	16.0#



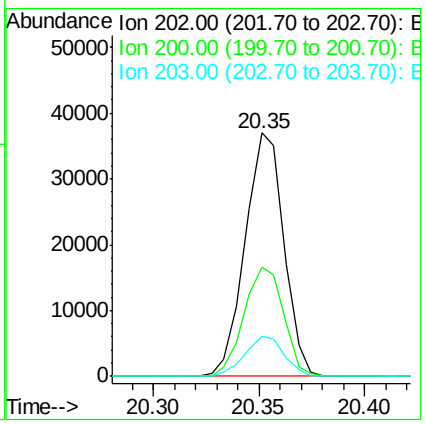


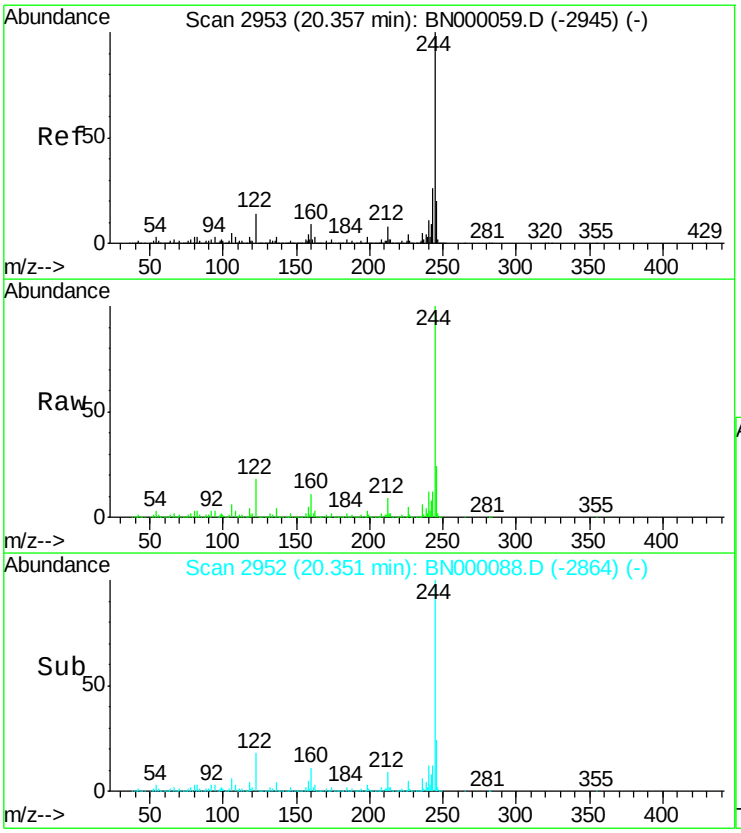
#77
Pyrene
Concen: 0.21 ng
RT: 20.35 min Scan# 2952
Delta R.T. 0.17 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 47105

Ion	Ratio	Lower	Upper
202	100		
200	45.0	16.9	25.3#
203	16.5	13.9	20.9

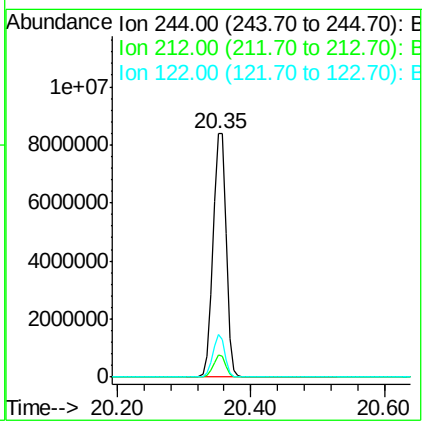


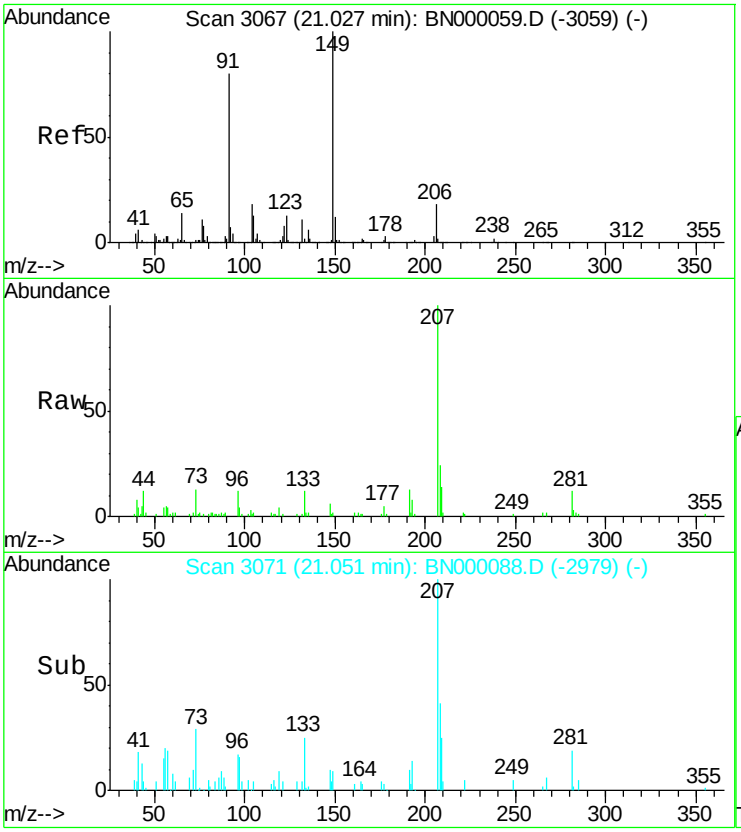


#78
Terphenyl-d14
Concen: 88.84 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:244 Resp:11741058

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	17.6	7.0	10.4#



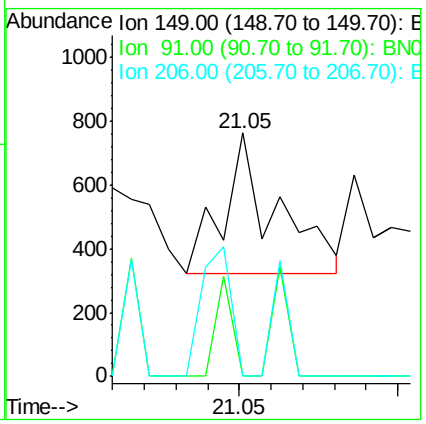


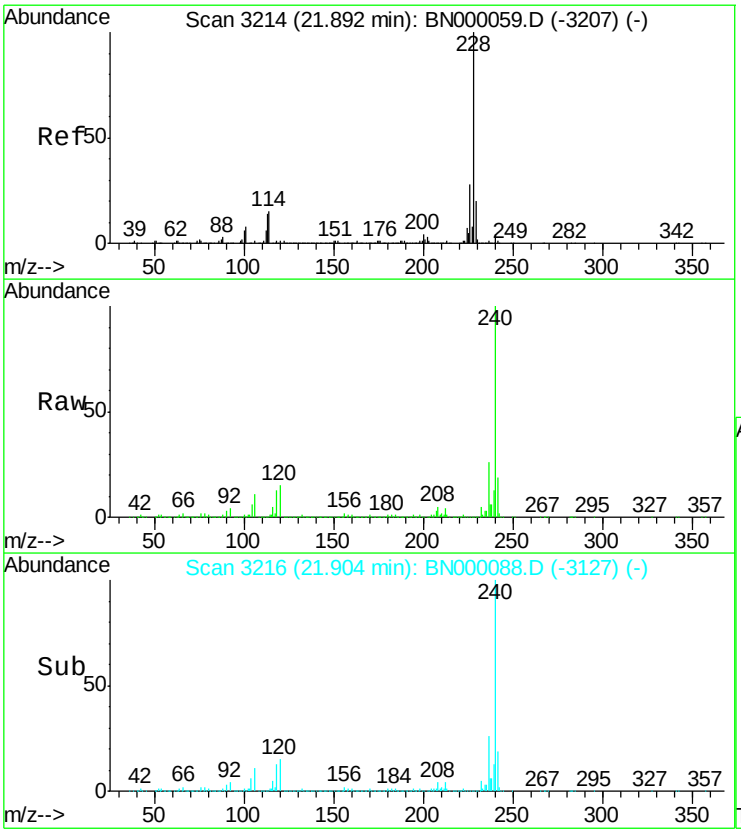
#79
Butylbenzylphthalate
Concen: 5.38 ng
RT: 21.05 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 509

Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#

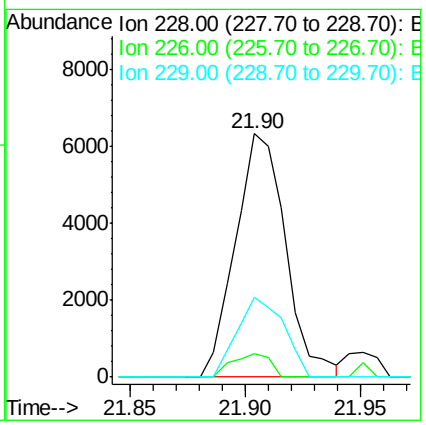


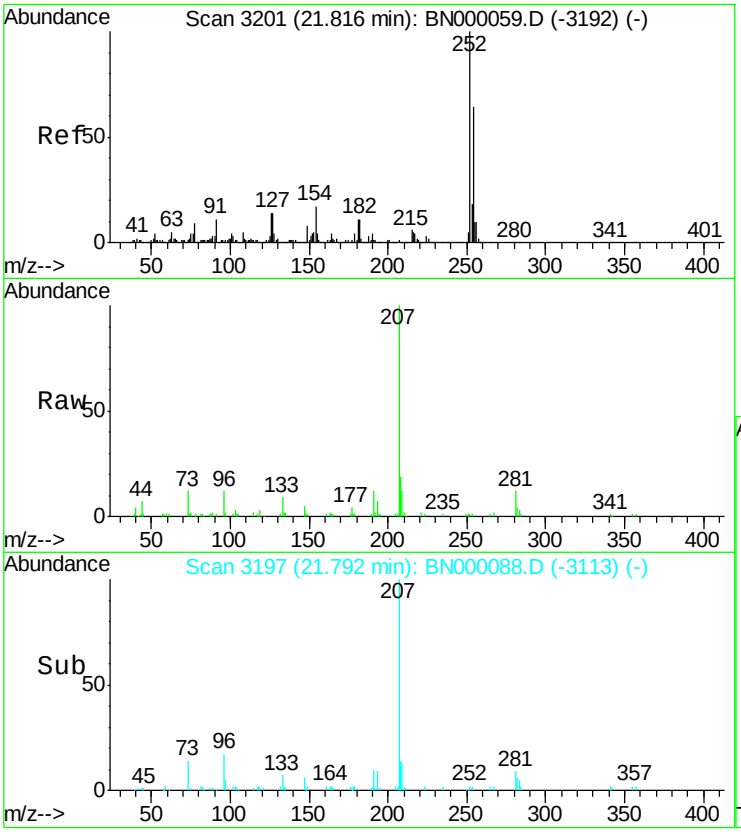


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:228 Resp: 9570

Ion	Ratio	Lower	Upper
228	100		
226	9.7	22.7	34.1#
229	32.9	16.2	24.2#



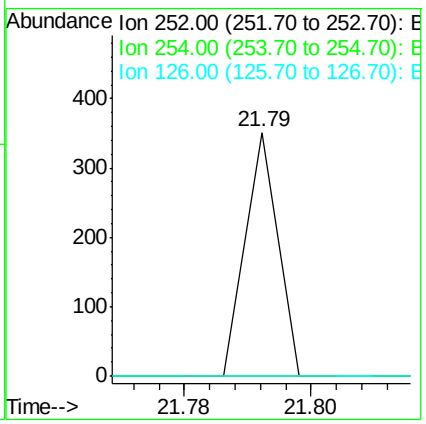


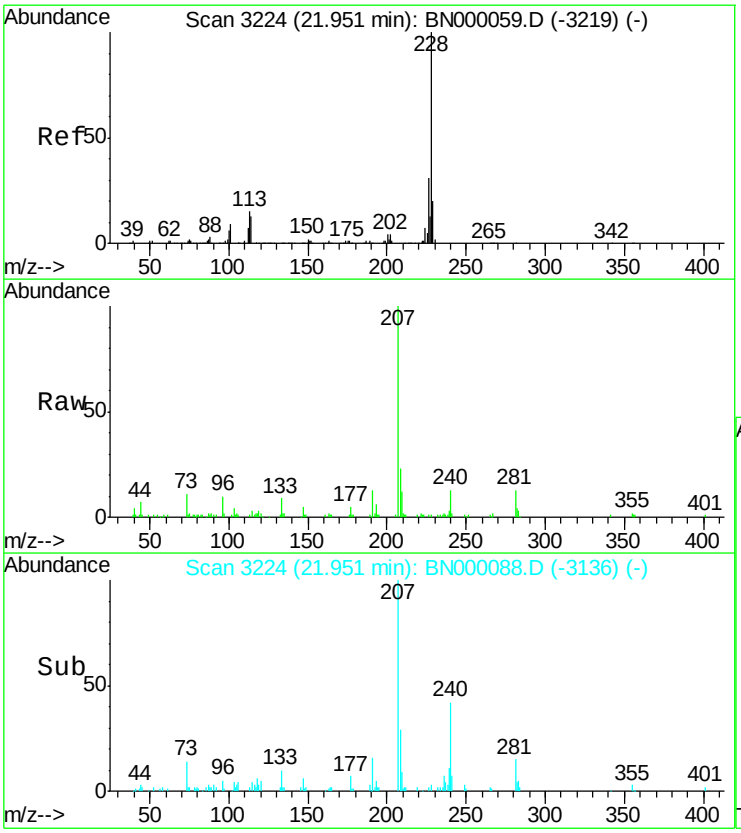
#81
3,3'-Dichlorobenzidine
Concen: 0.00 ng
RT: 21.79 min Scan# 3197
Delta R.T. -0.04 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 124

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

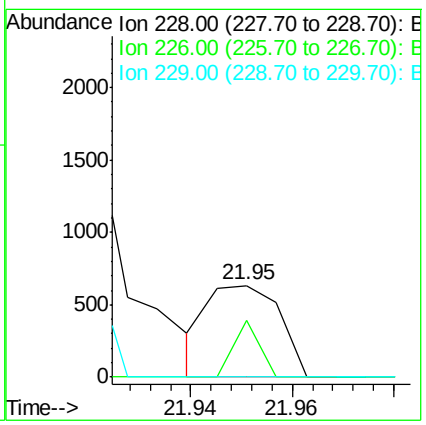


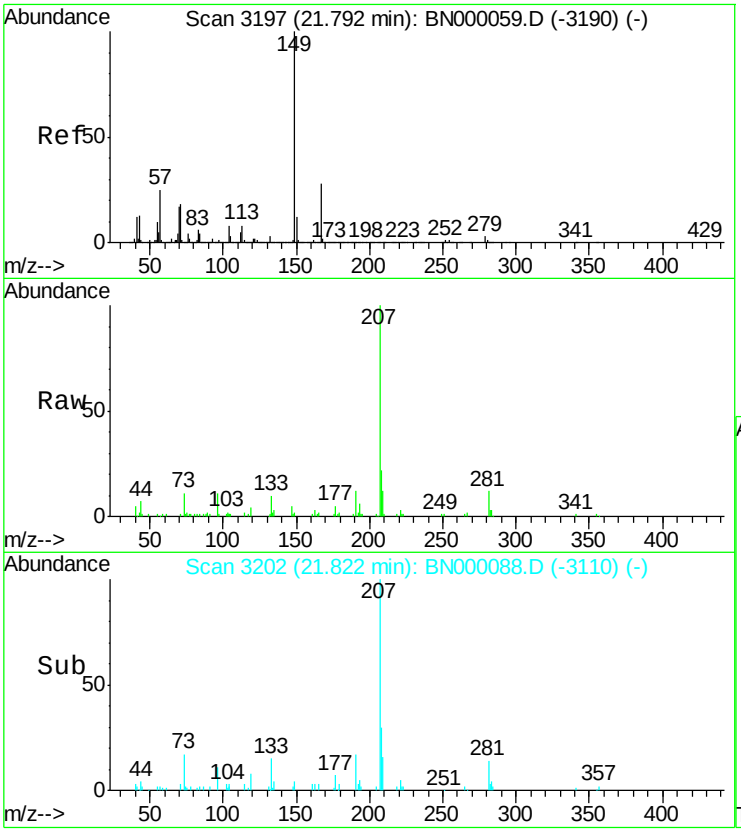


#82
Chrysene
Concen: 0.00 ng
RT: 21.95 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:228 Resp: 622

Ion	Ratio	Lower	Upper
228	100		
226	61.7	24.9	37.3#
229	0.0	15.0	22.4#



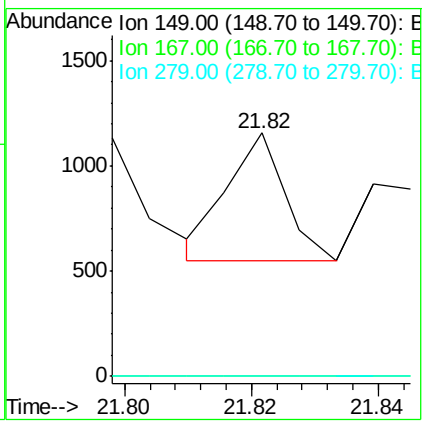


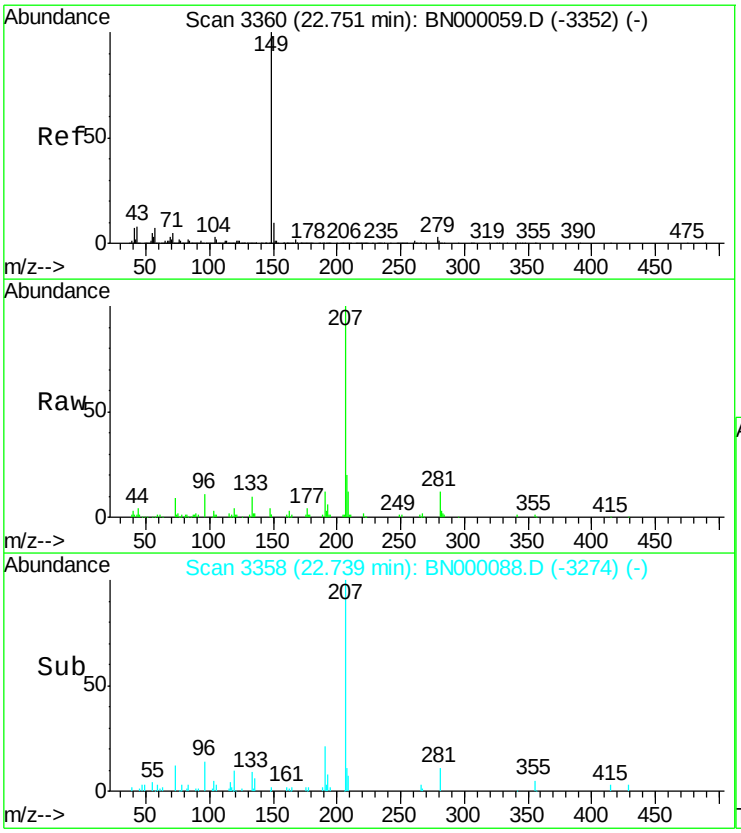
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.91 ng
RT: 21.82 min Scan# 3202
Delta R.T. 0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 379

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

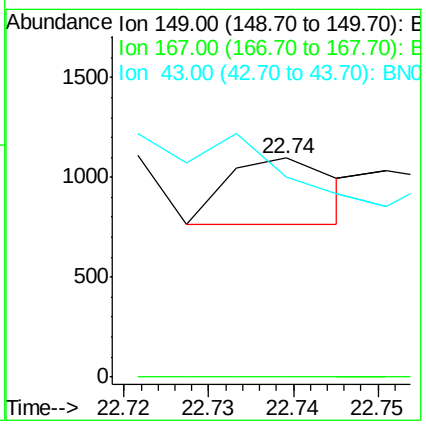


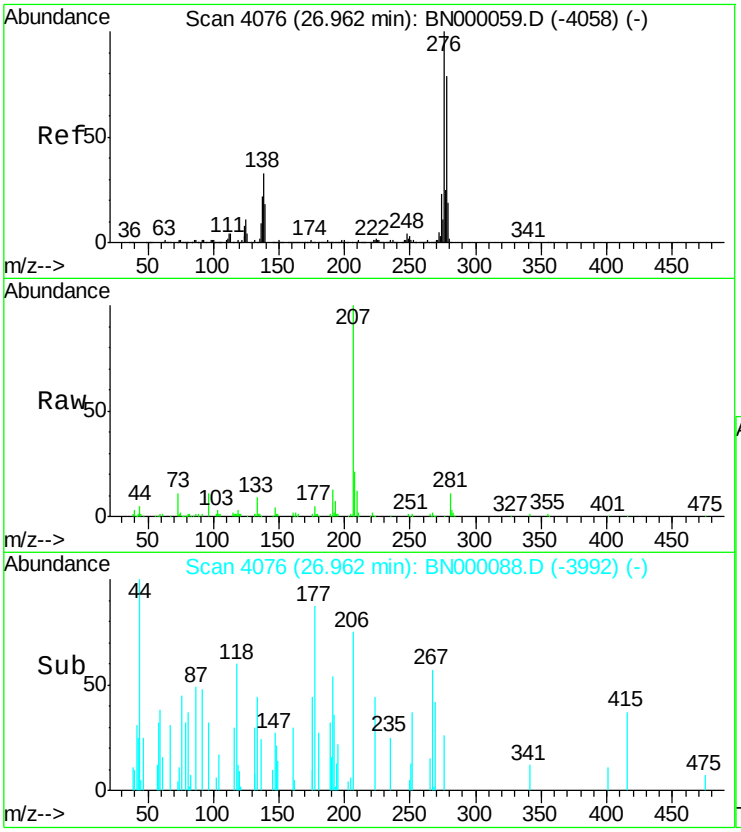


#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.03 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:149 Resp: 299

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



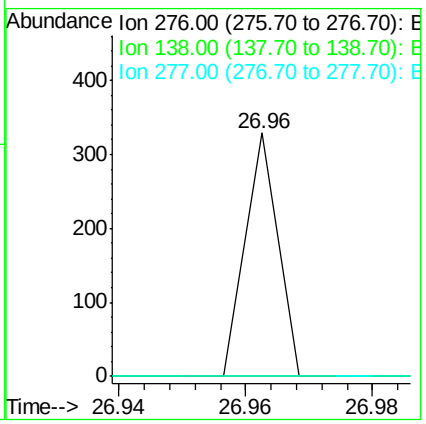


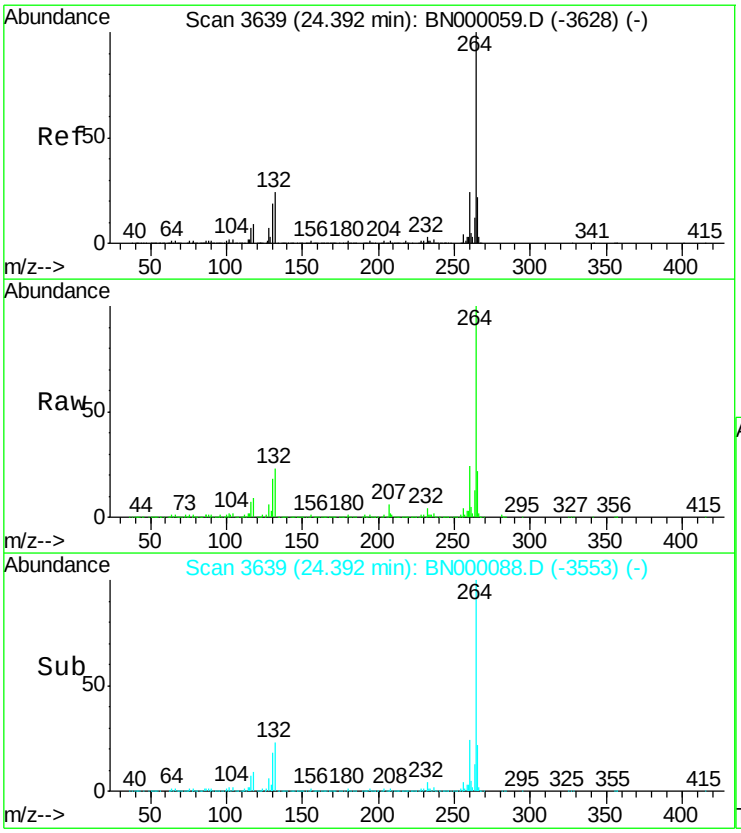
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.96 min Scan# 4076
Delta R.T. -0.04 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 116

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

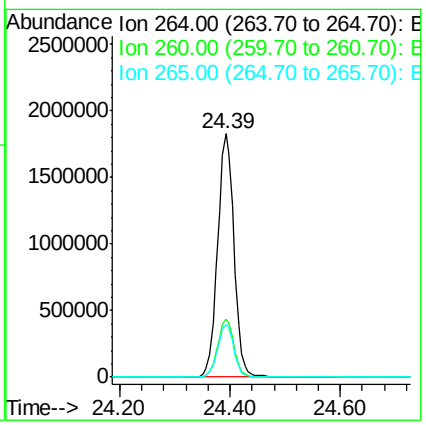


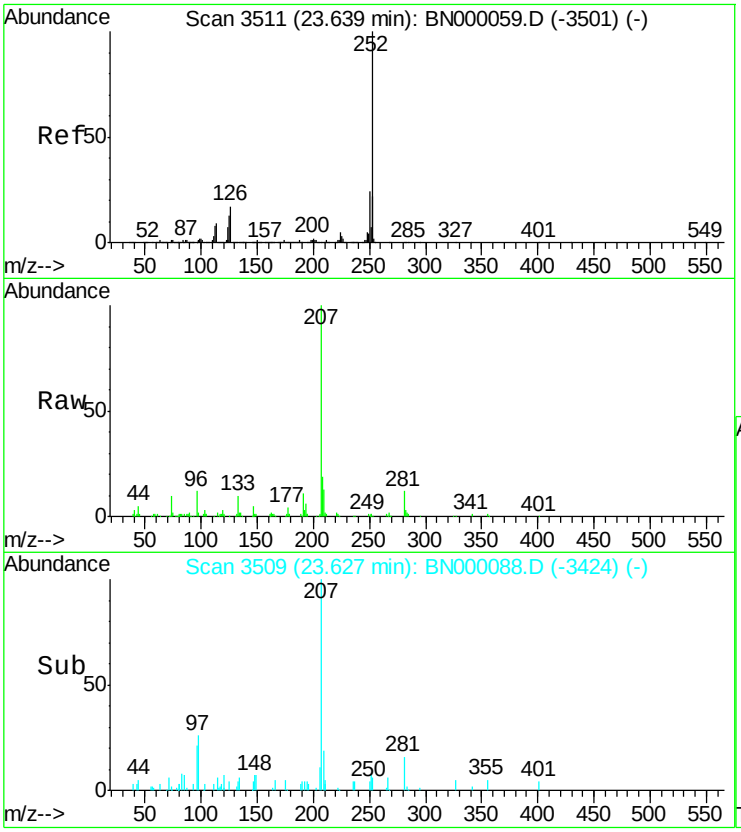


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3639
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:264 Resp: 3807606

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	17.7	26.5



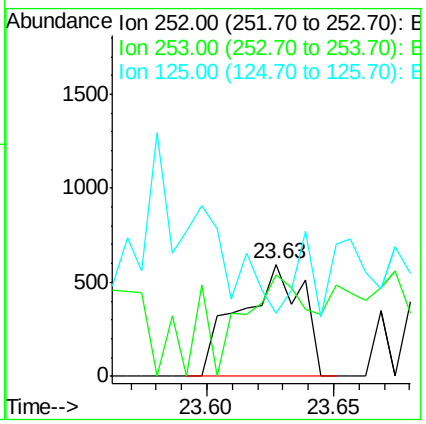


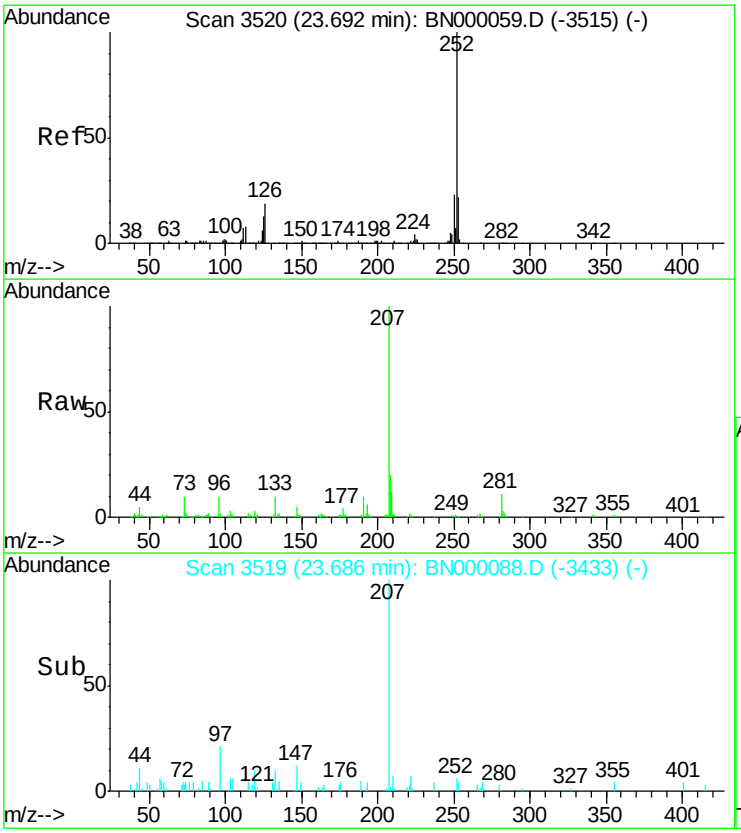
#87
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1019

Ion	Ratio	Lower	Upper
252	100		
253	90.9	18.2	27.4#
125	57.0	7.2	10.8#

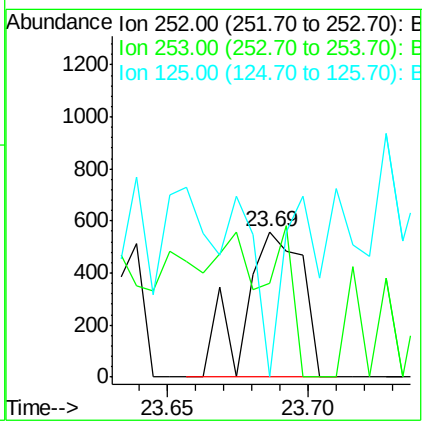


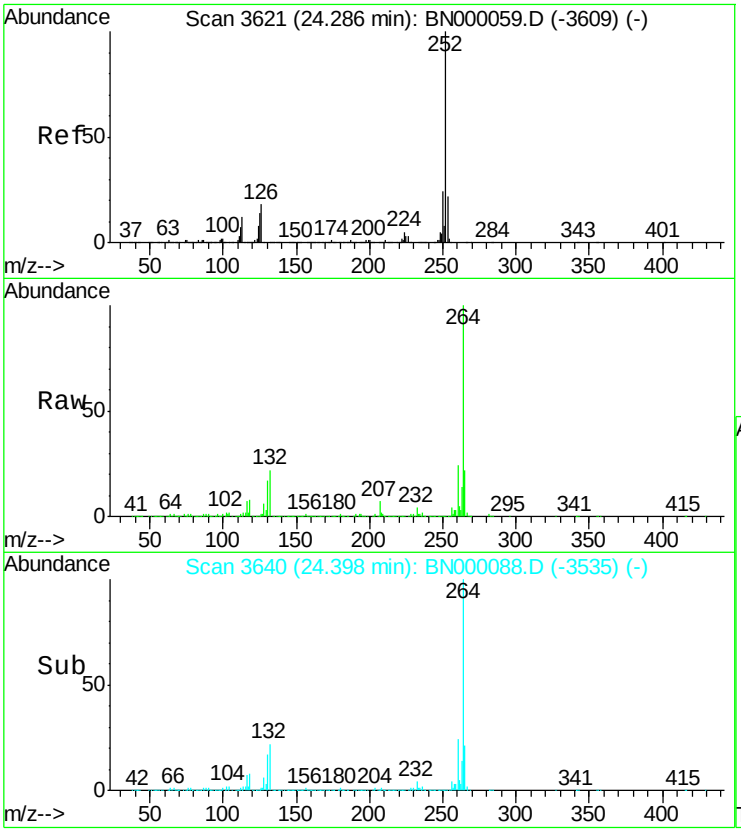


#88
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.69 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:252 Resp: 795

Ion	Ratio	Lower	Upper
252	100		
253	65.1	17.4	26.2#
125	0.0	6.6	9.8#



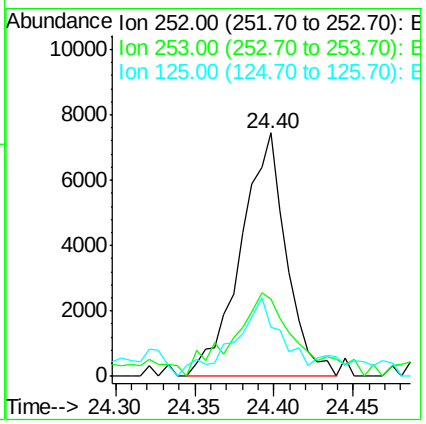


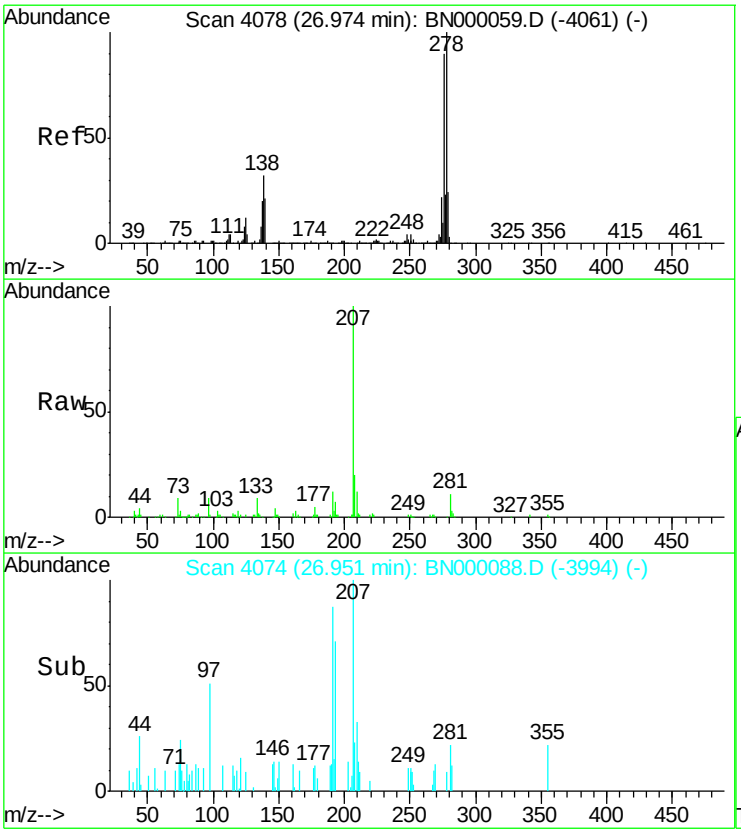
#89
Benzo(a)pyrene
Concen: 0.07 ng
RT: 24.40 min Scan# 3640
Delta R.T. 0.09 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14888

Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.3	27.5#
125	20.1	7.3	10.9#

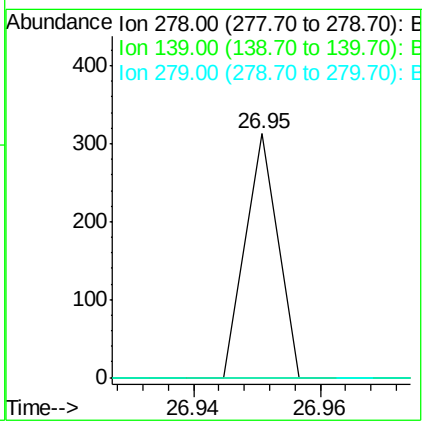


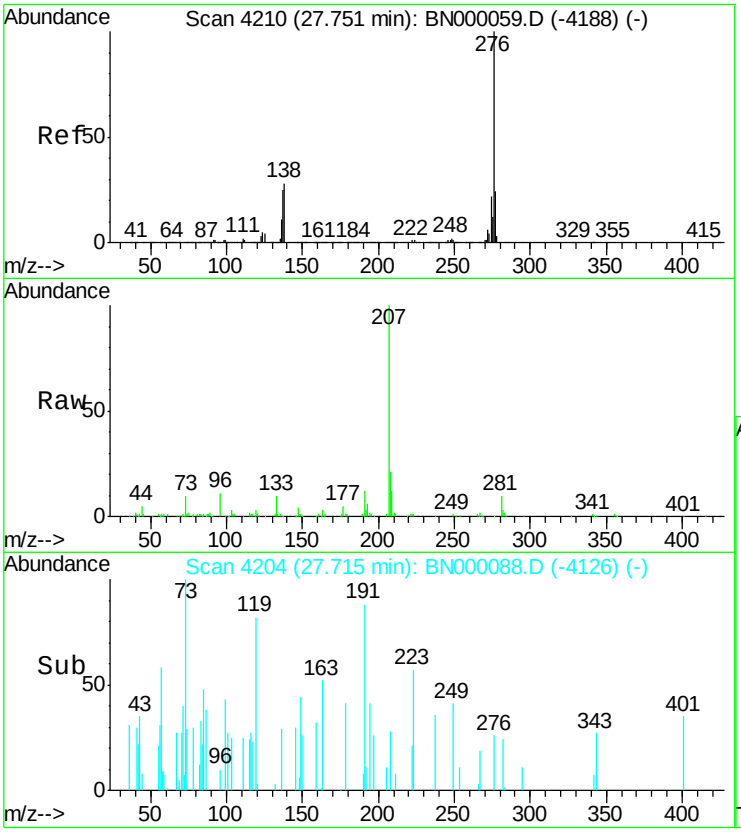


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.95 min Scan# 4074
Delta R.T. -0.06 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:278 Resp: 110

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# 4204
Delta R.T. -0.07 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 110

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