Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000042.D
Acq On : 07 Feb 2018 19:15
Operator : JU/SJ
Sample : PB106326BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 08 04:24:26 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	335268	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1605851	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	983427	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2419567	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2674145	20.00	ng		0.00
86) Perylene-d12	24.43	264	2862972	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	3336986	162.21	ng		0.00
7) Phenol-d6	7.59	99	4712355	151.23	ng		0.00
23) Nitrobenzene-d5	9.65	82	2388347	88.43	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1315951	135.19	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6283359	90.05	ng		0.00
78) Terphenyl-d14	20.37	244	9916636	100.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	421	0.05	ng	#	1
3) Pyridine	4.09	79	131	0.01	ng	#	1
4) n-Nitrosodimethylamine	4.01	42	1133	0.16	ng	#	1
6) Aniline	7.98	93	5720	0.13	ng	#	1
8) 2-Chlorophenol	8.00	128	755	0.03	ng	#	1
9) Benzaldehyde	7.59	77	7834	0.40	ng	#	5
10) Phenol	7.59	94	1275	0.04	ng	#	1
11) bis(2-Chloroethyl)ether	7.98	93	5720	0.21	ng	#	1
12) 1,3-Dichlorobenzene	8.80	146	115	0.00	ng	#	1
13) 1,4-Dichlorobenzene	8.80	146	115	0.00	ng	#	1
14) 1,2-Dichlorobenzene	8.80	146	115	0.00	ng	#	1
15) Benzyl Alcohol	8.79	79	42382	1.89	ng	#	39
16) 2,2'-oxybis(1-Chloropropan	8.85	45	113	0.00	ng	#	1
17) 2-Methylphenol	8.78	107	725	0.03	ng	#	1
19) n-Nitroso-di-n-propylamine	9.65	70	303118	14.52	ng	#	68
20) 3+4-Methylphenols	8.78	107	725	0.02	ng	#	1
22) Acetophenone	9.30	105	134	0.00	ng	#	35
24) Nitrobenzene	9.65	77	9724	0.33	ng	#	45
25) Isophorone	10.17	82	120	0.00	ng	#	69
27) 2,4-Dimethylphenol	10.48	122	3467	0.14	ng	#	1
32) Benzoic acid	10.59	122	126	10.55	ng	#	74
45) 1,1'-Biphenyl	13.92	154	14841	0.17	ng		95
47) 2-Nitroaniline	13.70	65	10242	5.36	ng	#	1
50) 2,6-Dinitrotoluene	15.07	165	128384	7.56	ng	#	20
51) Acenaphthene	15.08	154	3997	0.06	ng	#	5
56) 2,4-Dinitrotoluene	15.07	165	128384	9.01	ng	#	18
57) Fluorene	16.55	166	82006	1.04	ng	#	87
59) Diethylphthalate	15.86	149	442	0.01	ng	#	58
62) Azobenzene	16.38	77	545	0.01	ng	#	47
64) 4,6-Dinitro-2-methylphenol	16.55	198	4866	9.05	ng	#	1
65) n-Nitrosodiphenylamine	16.55	169	55420	0.70	ng	#	44
66) 4-Bromophenyl-phenylether	16.55	248	95460	4.15	ng	#	1
70) Phenanthrene	17.84	178	848	0.01	ng	#	60
71) Anthracene	17.93	178	133	0.00	ng	#	59

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000042.D
Acq On : 07 Feb 2018 19:15
Operator : JU/SJ
Sample : PB106326BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 08 04:24:26 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)
72) Carbazole	18.19	167	150	0.00	ng	#	59
73) Di-n-butylphthalate	18.72	149	1065	0.01	ng	#	59
74) Fluoranthene	19.82	202	421	0.00	ng		65
76) Benzidine	20.37	184	170242	2.00	ng	#	94
77) Pyrene	20.37	202	38219	0.22	ng	#	74
79) Butylbenzylphthalate	21.06	149	1120	5.39	ng	#	62
80) Benzo(a)anthracene	21.93	228	7507	0.05	ng	#	76
81) 3,3'-Dichlorobenzidine	21.83	252	575	0.01	ng	#	26
82) Chrysene	21.97	228	999	0.01	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.81	149	961	2.91	ng	#	50
84) Di-n-octyl phthalate	22.80	149	333	6.73	ng	#	1
85) Indeno(1,2,3-cd)pyrene	26.97	276	126	0.00	ng	#	53
87) Benzo(b)fluoranthene	23.65	252	1079	0.01	ng	#	1
88) Benzo(k)fluoranthene	23.72	252	514	0.00	ng	#	1
89) Benzo(a)pyrene	24.32	252	698	0.00	ng	#	2
90) Dibenzo(a,h)anthracene	27.00	278	119	0.00	ng	#	58
91) Benzo(g,h,i)perylene	27.78	276	671	0.00	ng	#	56

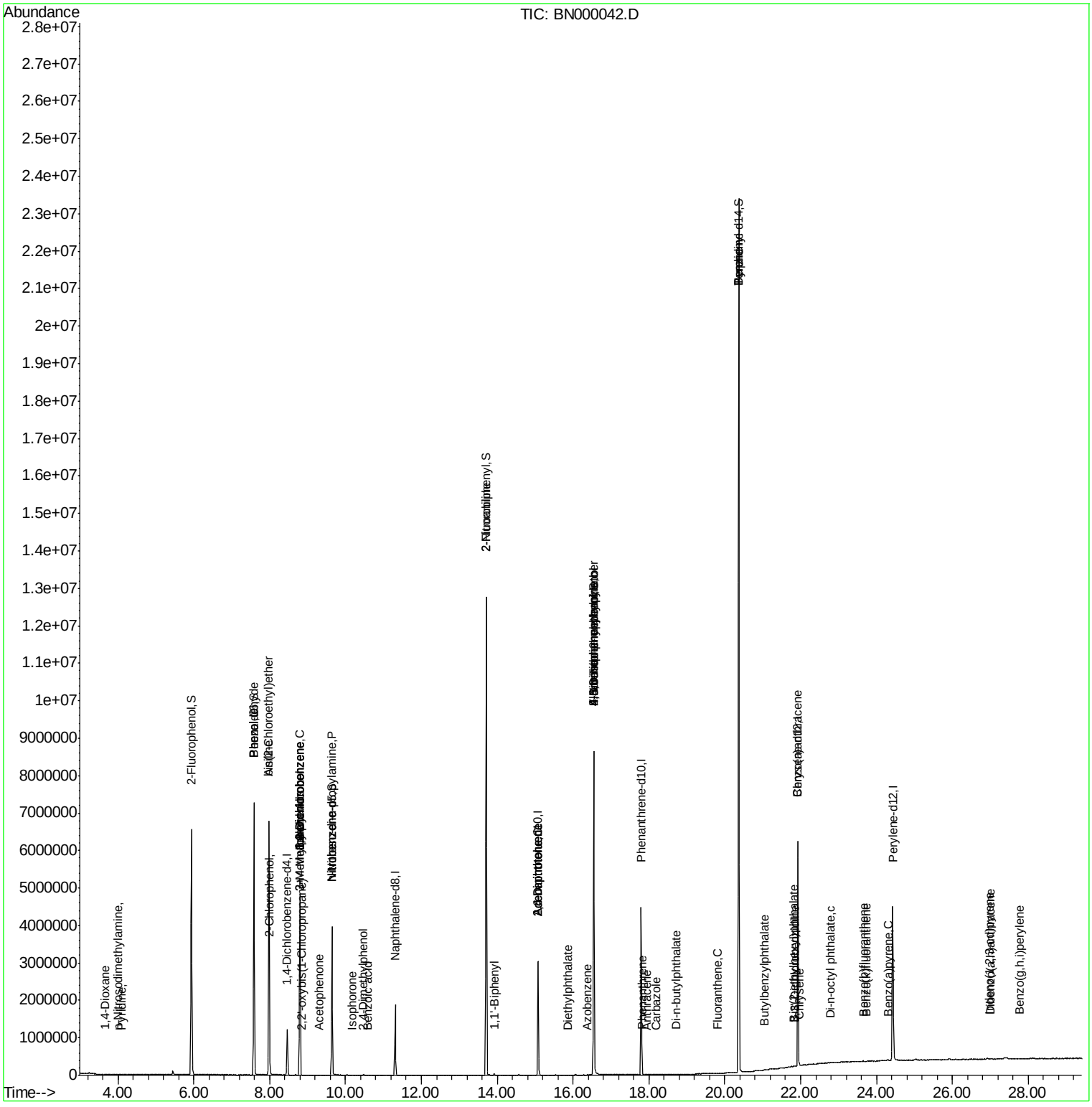
(#) = qualifier out of range (m) = manual integration (+) = signals summed

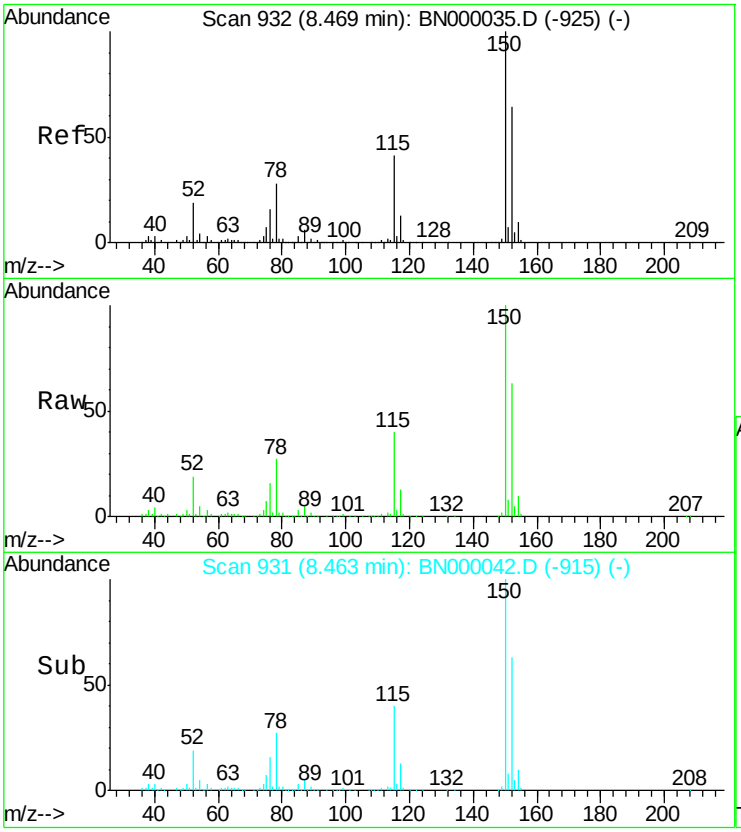
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000042.D
Acq On : 07 Feb 2018 19:15
Operator : JU/SJ
Sample : PB106326BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 08 04:24:26 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



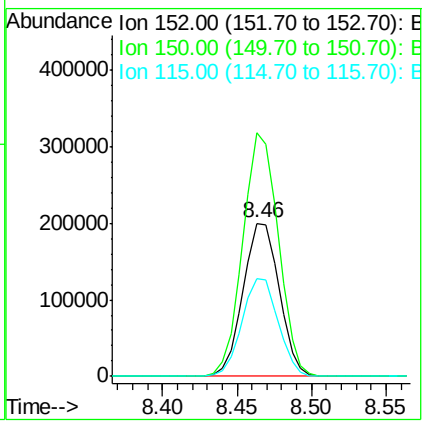


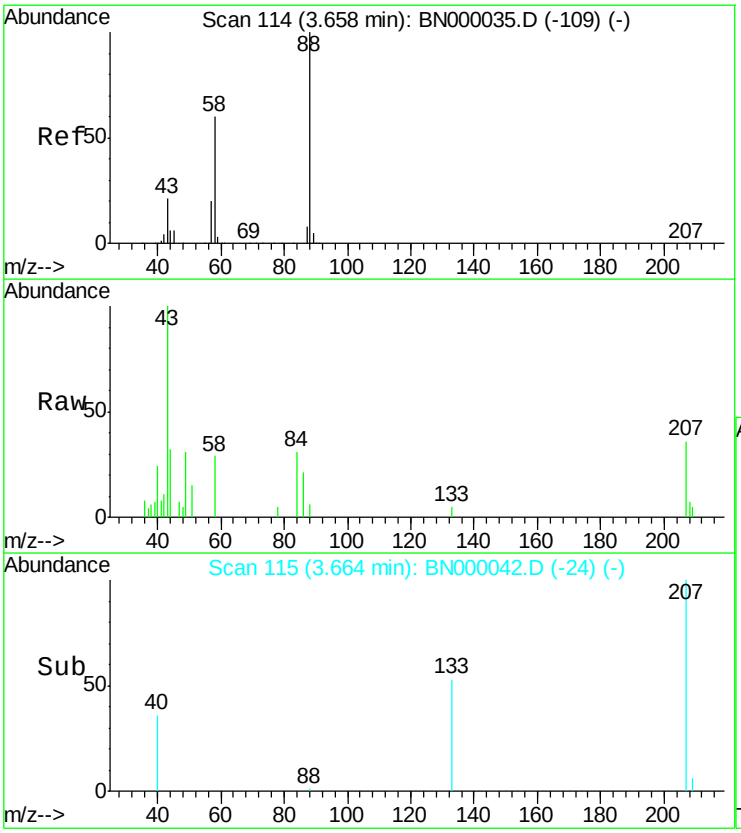
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 335268

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	64.2	53.0	79.4

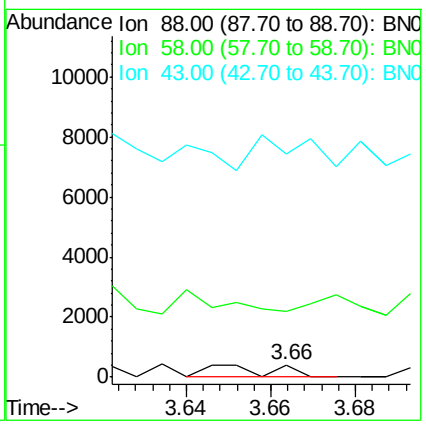


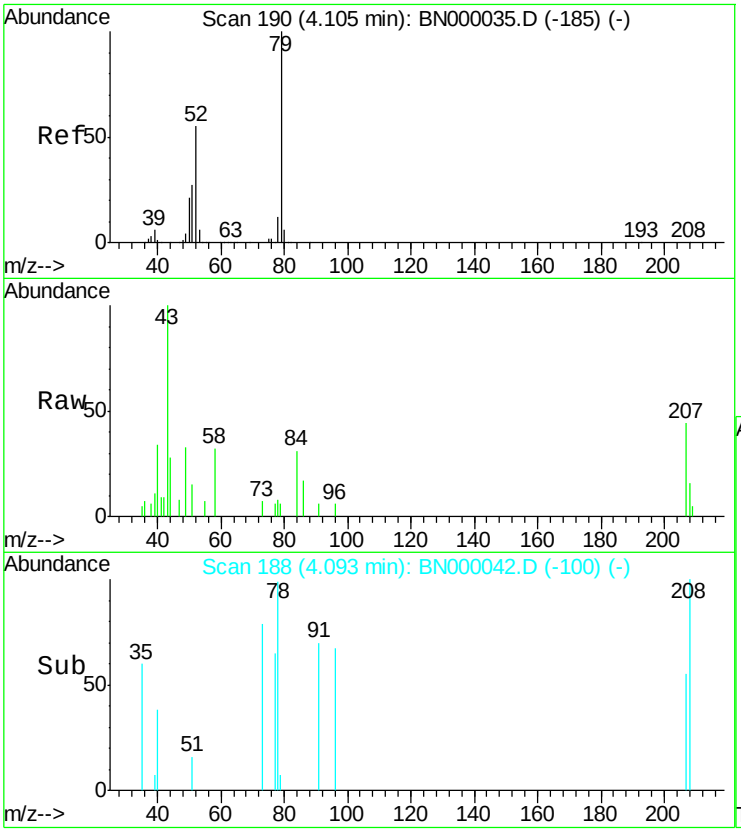


#2
1,4-Dioxane
Concen: 0.05 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 88 Resp: 421

Ion	Ratio	Lower	Upper
88	100		
58	119.5	52.0	78.0#
43	248.5	20.0	30.0#



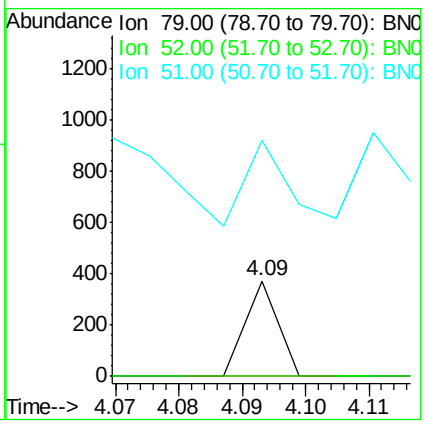


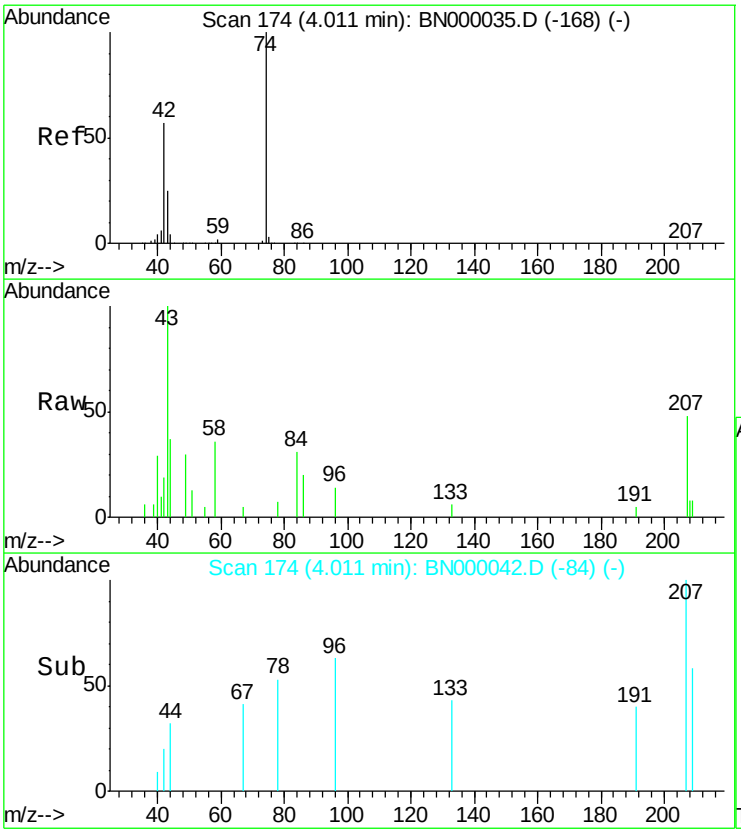
#3
Pyridine
Concen: 0.01 ng
RT: 4.09 min Scan# 188
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 131

Ion	Ratio	Lower	Upper
79	100		
52	0.0	44.0	66.0#
51	247.6	24.0	36.0#

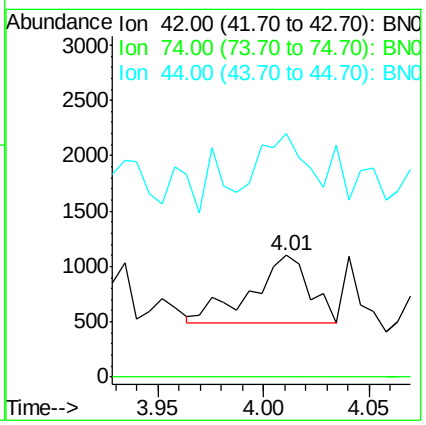


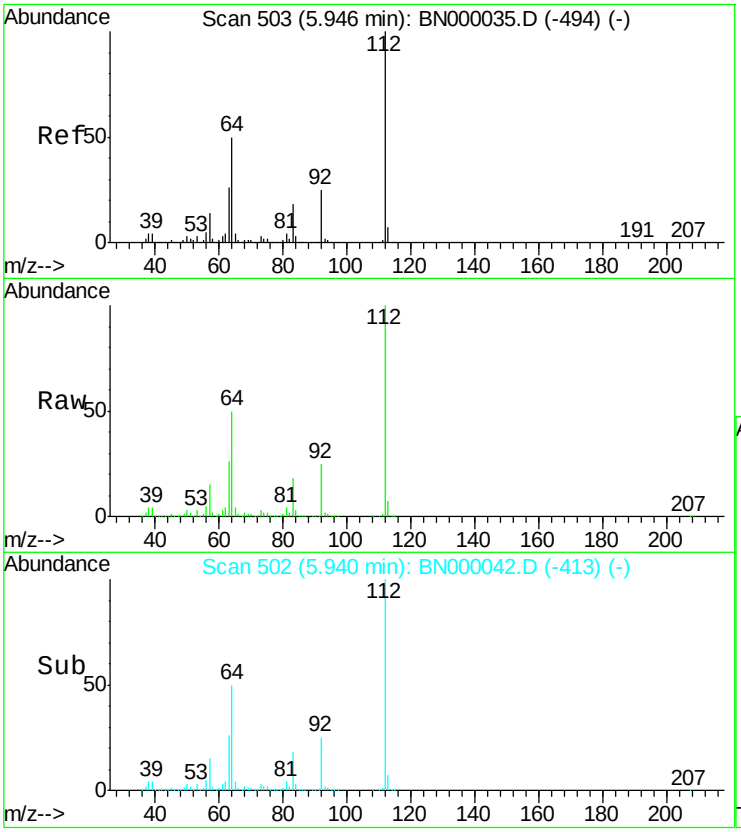


#4
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 4.01 min Scan# 174
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 42 Resp: 1133

Ion	Ratio	Lower	Upper
42	100		
74	0.0	128.0	192.0#
44	200.4	12.0	18.0#



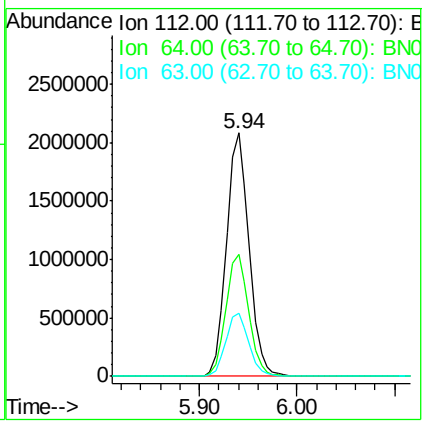


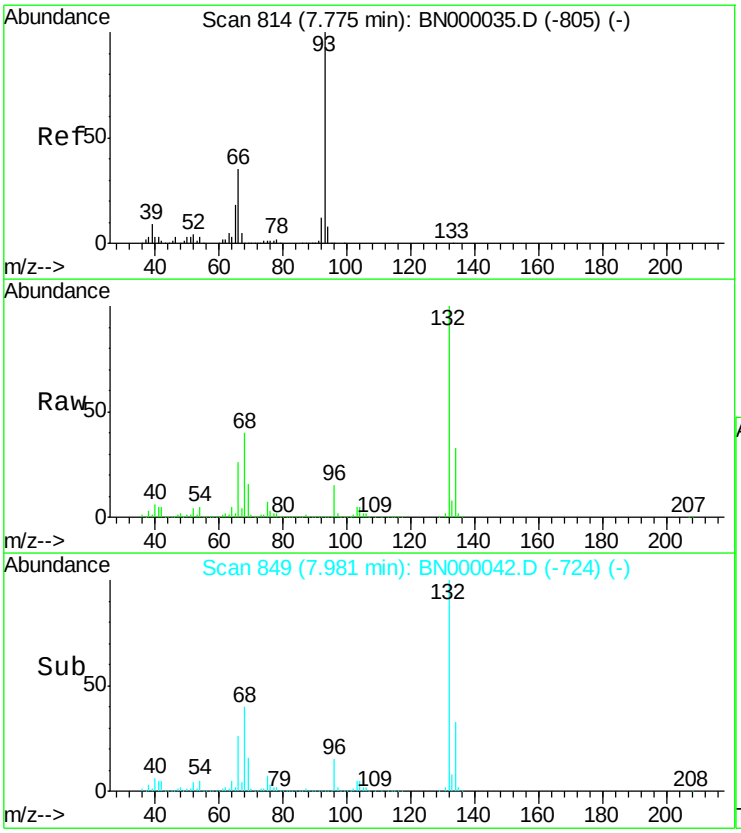
#5
2-Fluorophenol
Concen: 162.21 ng
RT: 5.94 min Scan# 502
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 3336986

Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5#
63	26.0	30.1	45.1#

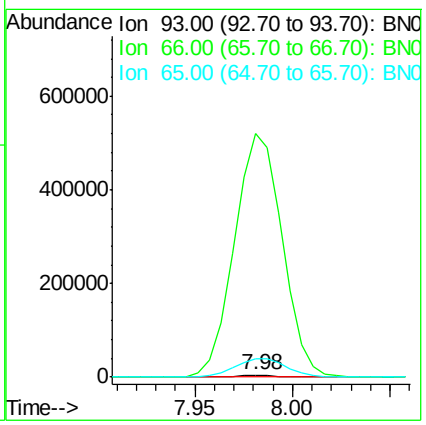


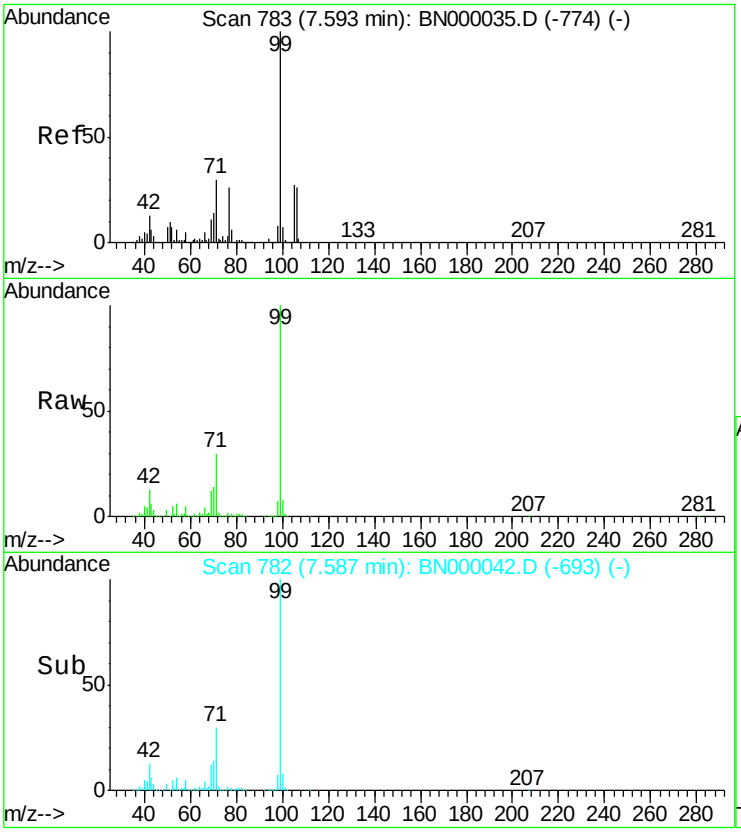


#6
Aniline
Concen: 0.13 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.21 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 93 Resp: 5720

Ion	Ratio	Lower	Upper
93	100		
66	14149.7	33.7	50.5#
65	1085.2	16.1	24.1#



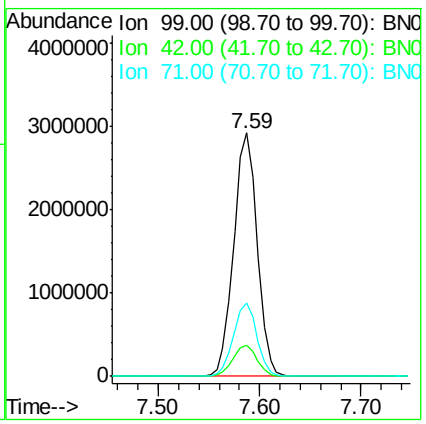


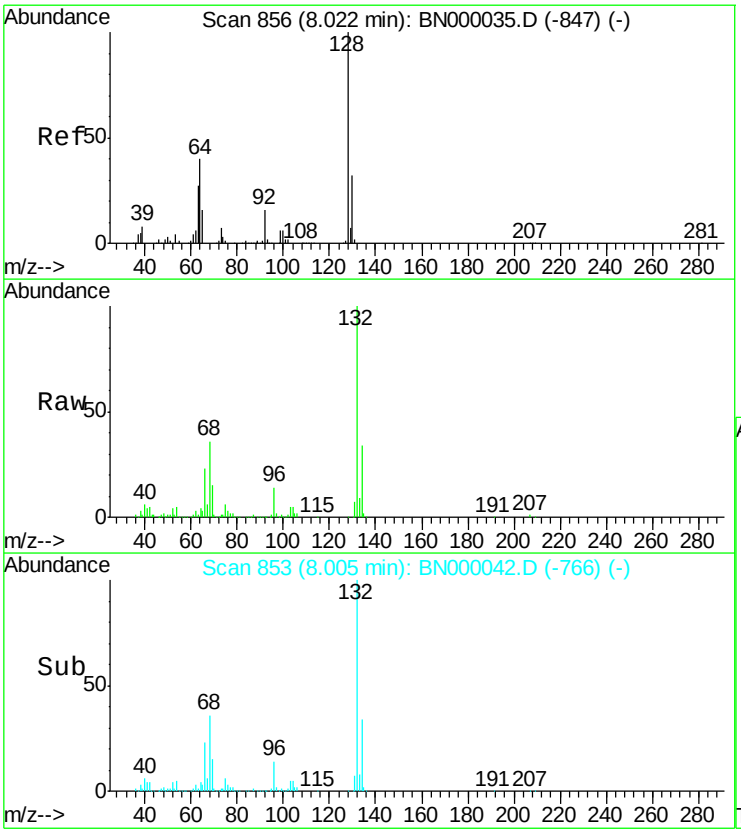
#7
Phenol-d6
Concen: 151.23 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4712355

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.1	21.1#
71	30.0	26.1	39.1

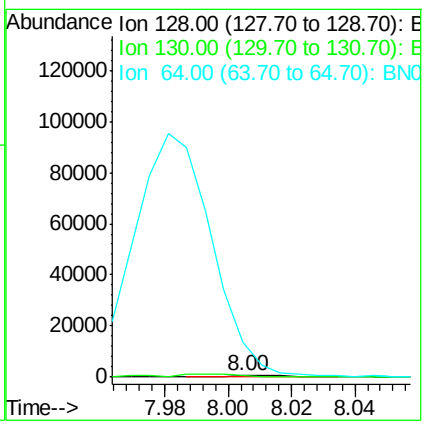


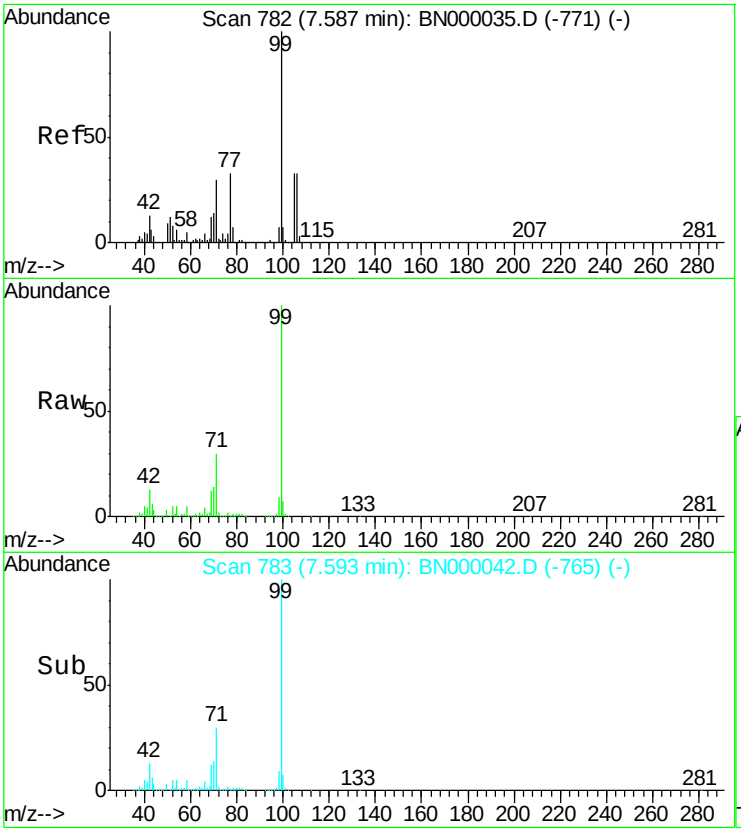


#8
2-Chlorophenol
Concen: 0.03 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:128 Resp: 755

Ion	Ratio	Lower	Upper
128	100		
130	147.2	14.0	54.0#
64	2593.7	37.7	77.7#



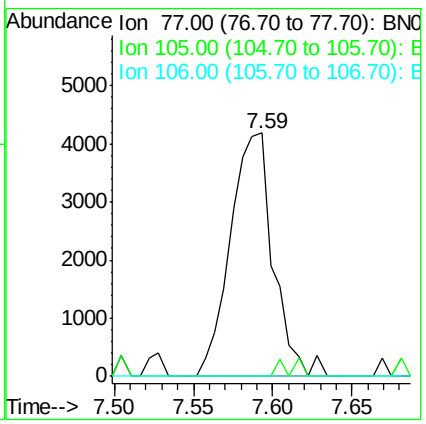


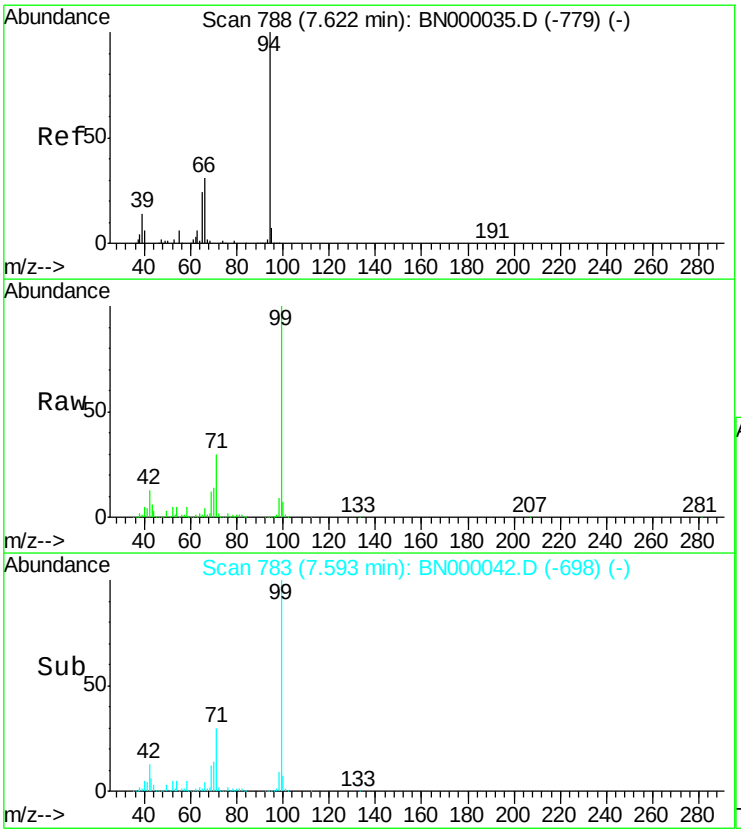
#9
Benzaldehyde
Concen: 0.40 ng
RT: 7.59 min Scan# 783
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 7834

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

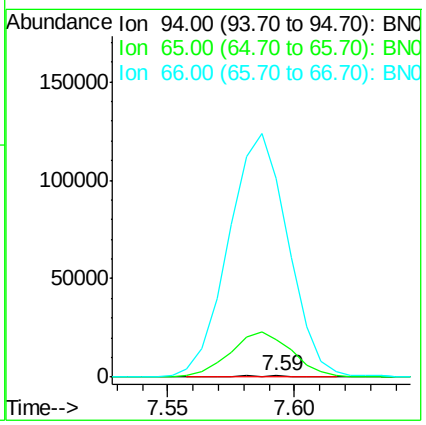


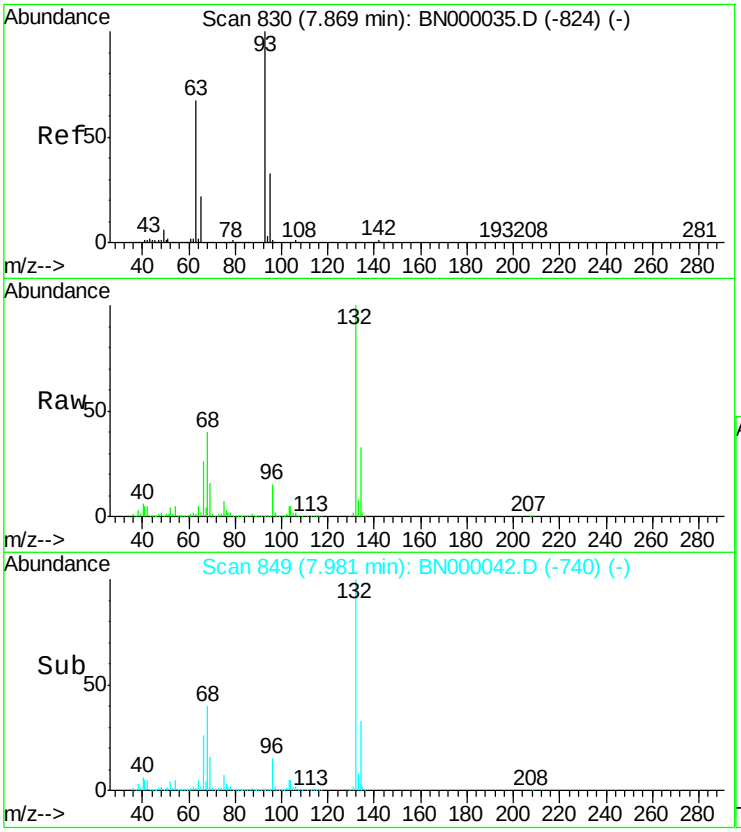


#10
Phenol
Concen: 0.04 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.03 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 94 Resp: 1275

Ion	Ratio	Lower	Upper
94	100		
65	2678.0	11.9	51.9#
66	14285.9	22.2	62.2#



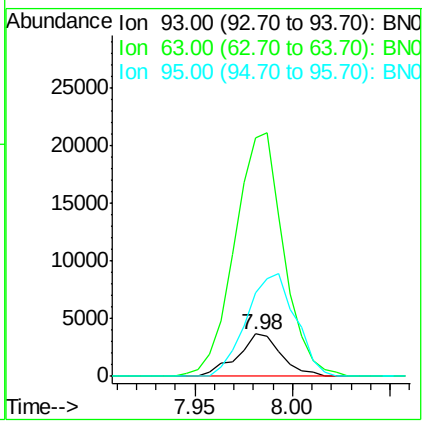


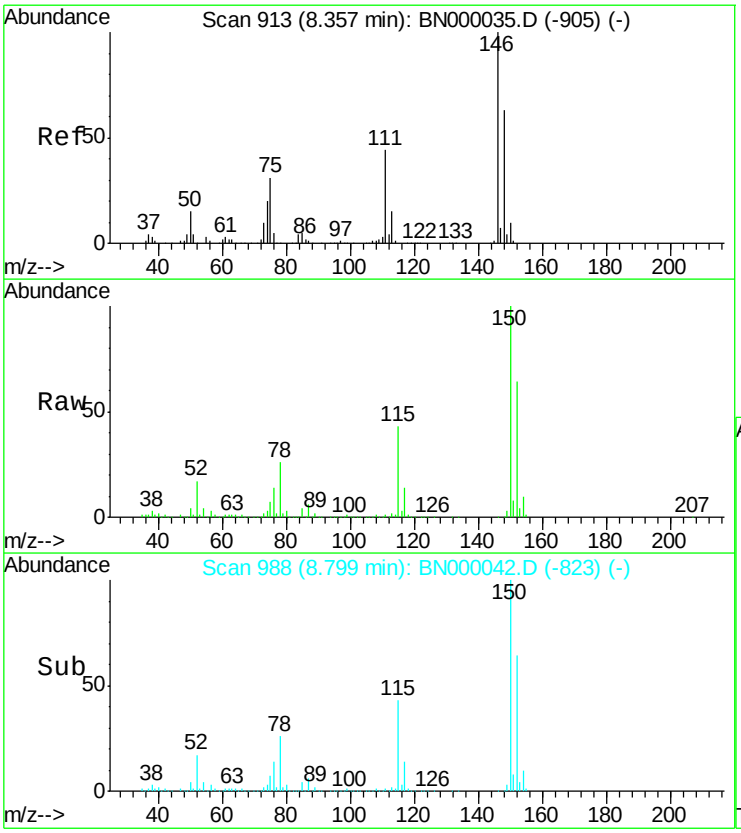
#11
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.11 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 5720

Ion	Ratio	Lower	Upper
93	100		
63	562.5	67.1	107.1#
95	197.4	11.5	51.5#

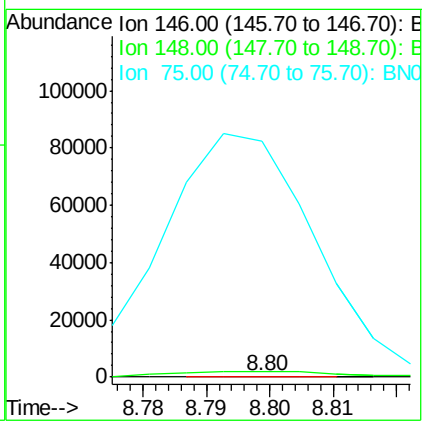


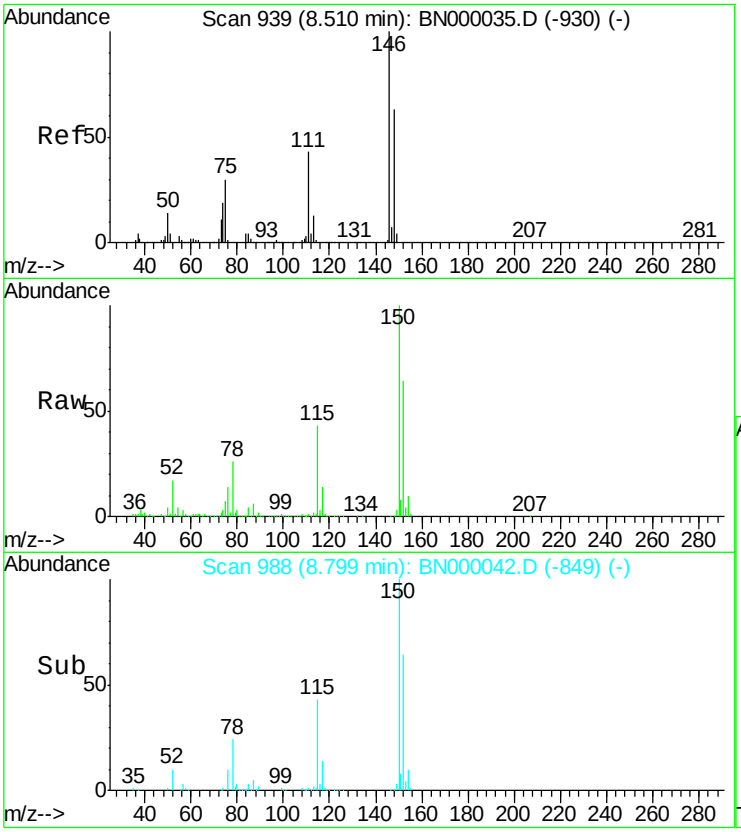


#12
1,3-Dichlorobenzene
Concen: 0.00 ng
RT: 8.80 min Scan# 988
Delta R.T. 0.44 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:146 Resp: 115

Ion	Ratio	Lower	Upper
146	100		
148	611.3	51.4	77.2#
75	25201.2	26.6	39.8#



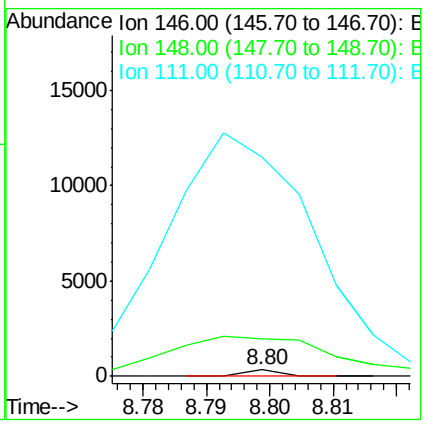


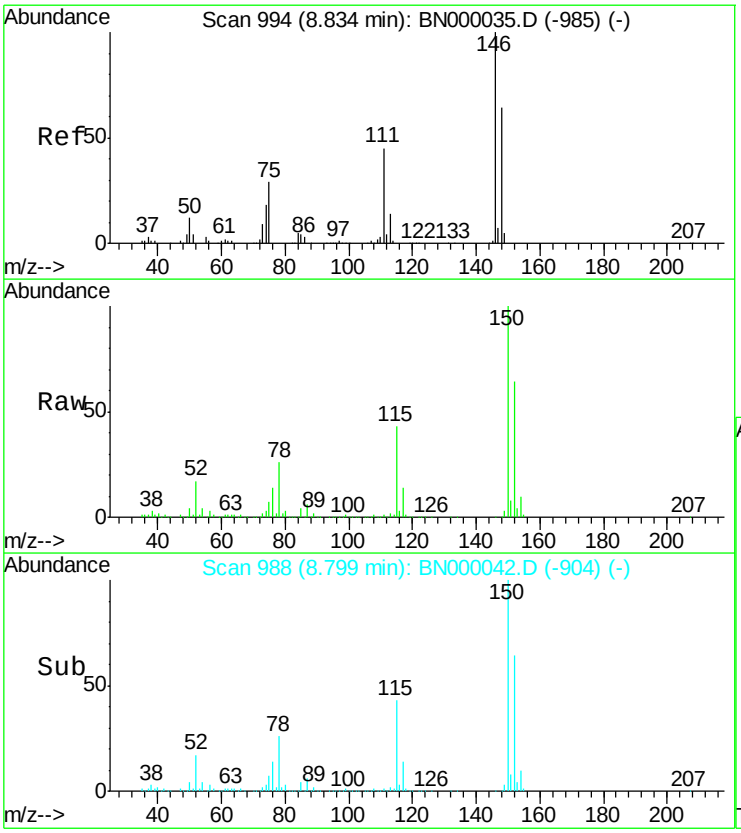
#13
1,4-Dichlorobenzene
Concen: 0.00 ng
RT: 8.80 min Scan# 988
Delta R.T. 0.29 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 115

Ion	Ratio	Lower	Upper
146	100		
148	611.3	53.7	80.5#
111	3511.6	35.2	52.8#

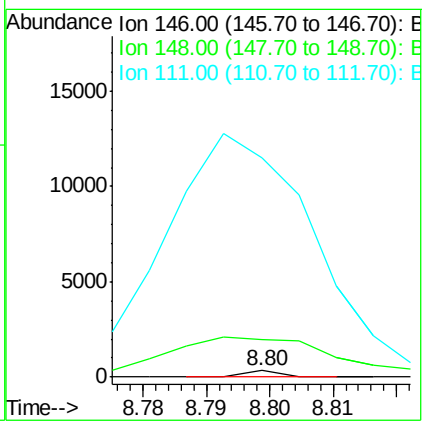


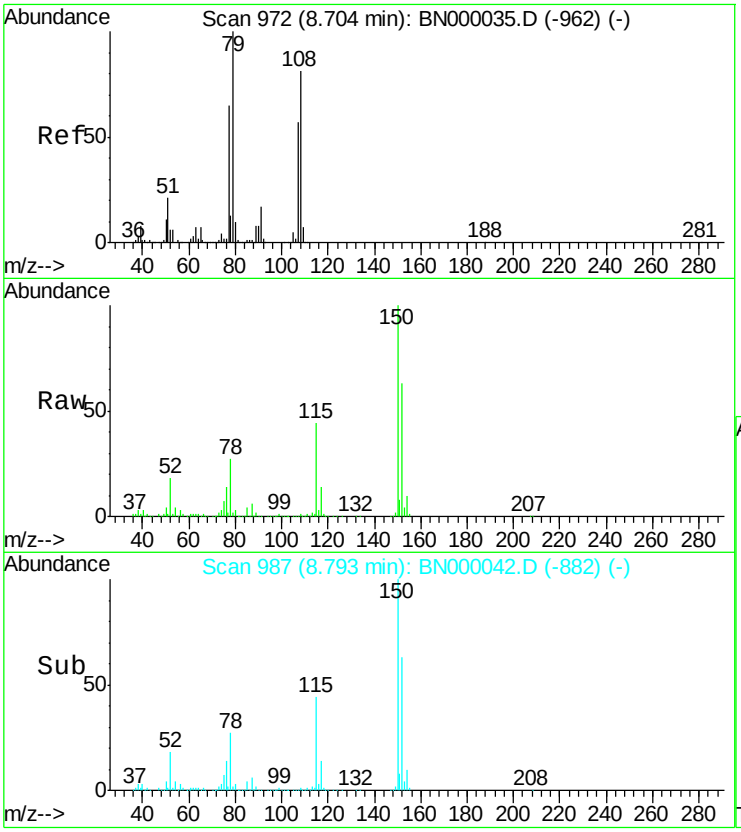


#14
1,2-Dichlorobenzene
Concen: 0.00 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:146 Resp: 115

Ion	Ratio	Lower	Upper
146	100		
148	611.3	49.3	73.9#
111	3511.6	34.3	51.5#



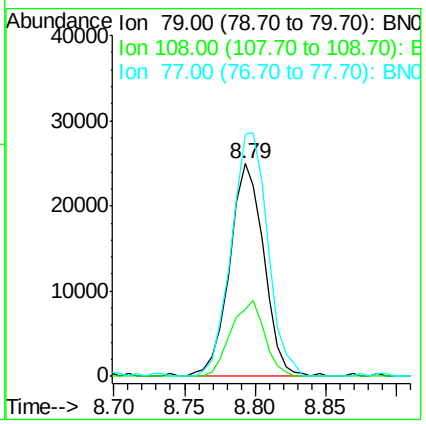


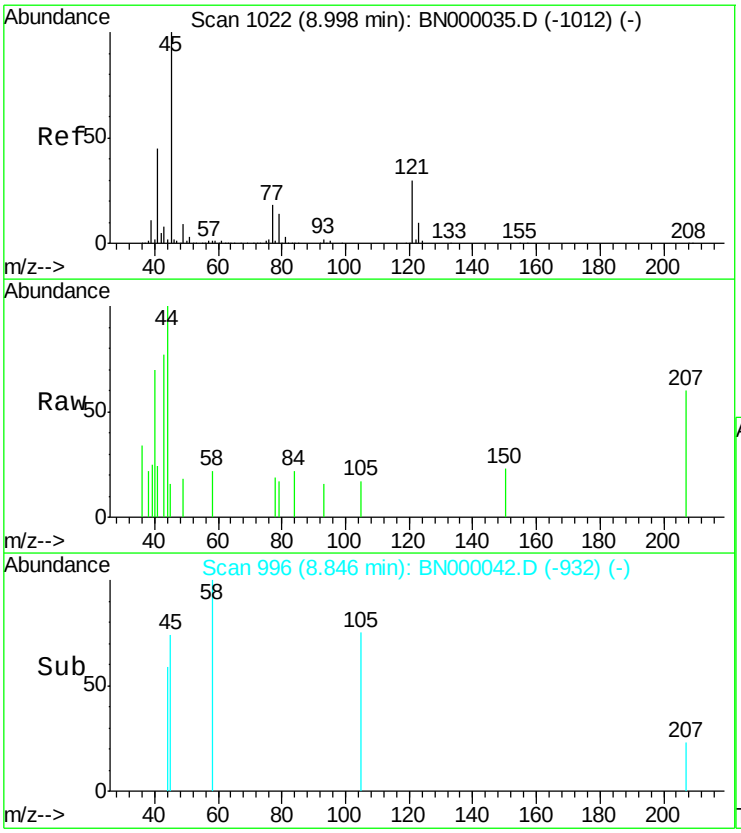
#15
Benzyl Alcohol
Concen: 1.89 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.09 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 42382

Ion	Ratio	Lower	Upper
79	100		
108	31.7	57.2	85.8#
77	114.3	46.1	69.1#

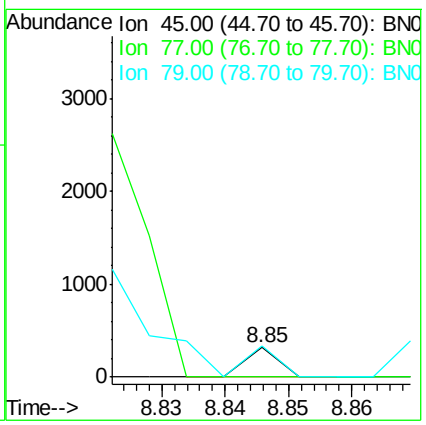


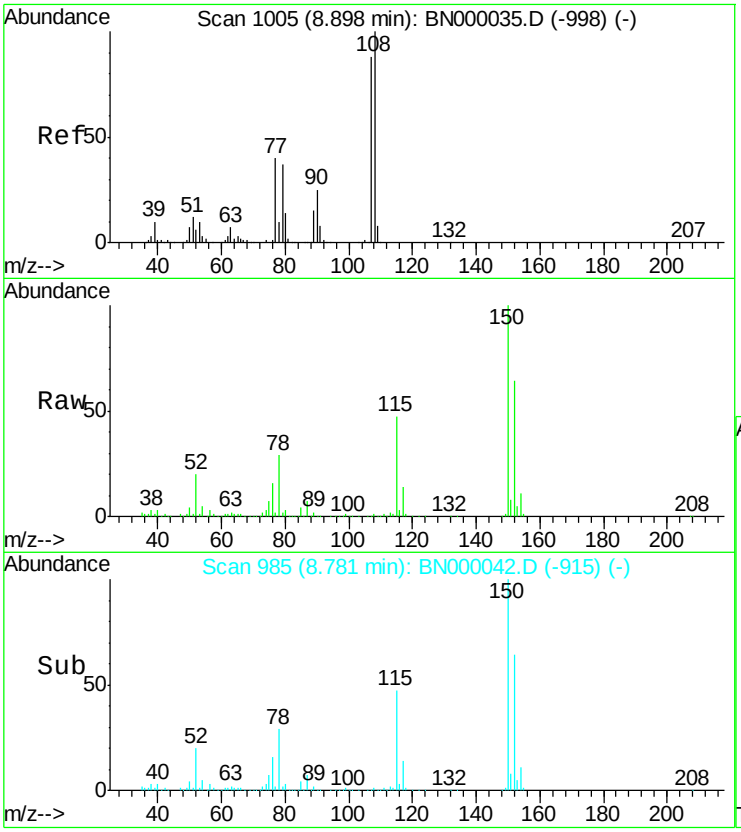


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.00 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.15 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 45 Resp: 113

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	106.3	0.0	27.9#



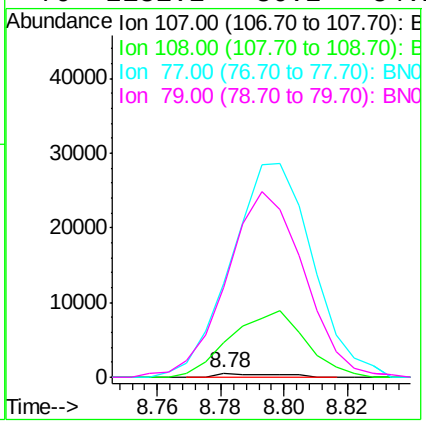


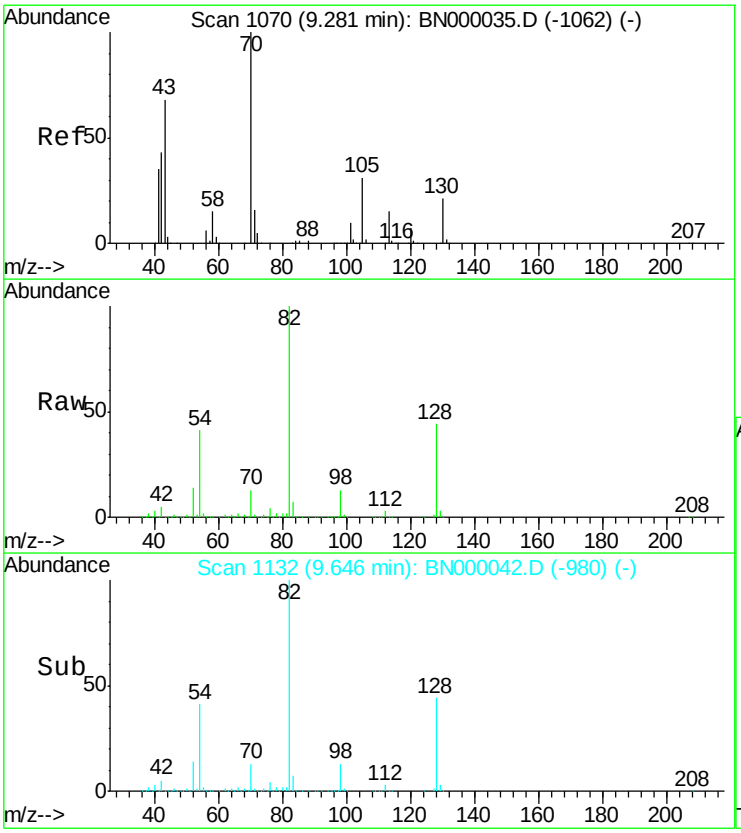
#17
2-Methylphenol
Concen: 0.03 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.12 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 725

Ion	Ratio	Lower	Upper
107	100		
108	829.4	83.9	125.9#
77	2237.8	37.2	55.8#
79	2131.2	36.2	54.2#

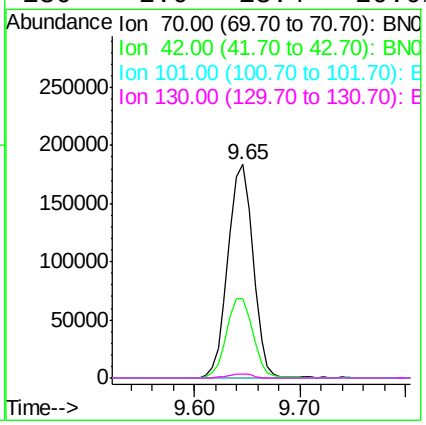


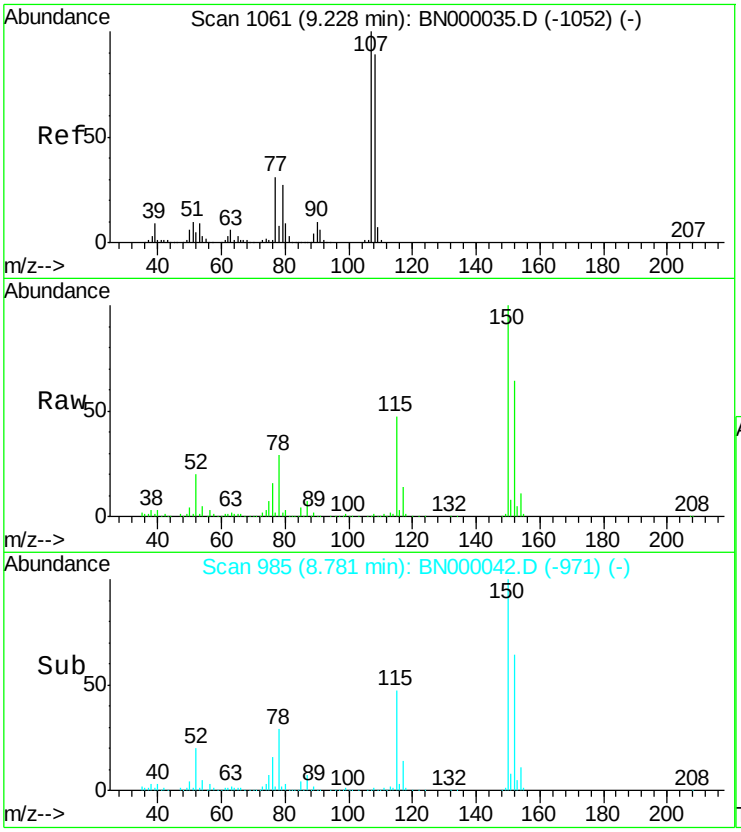


#19
n-Nitroso-di-n-propylamine
Concen: 14.52 ng
RT: 9.65 min Scan# 1132
Delta R.T. 0.36 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 70 Resp: 303118

Ion	Ratio	Lower	Upper
70	100		
42	37.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



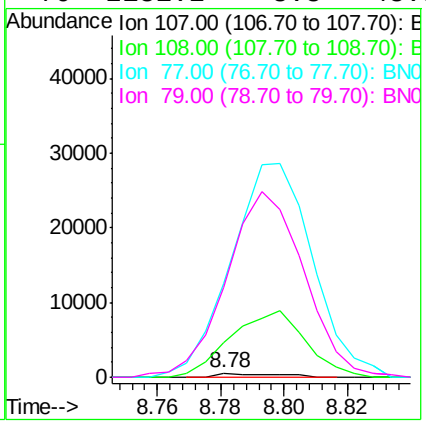


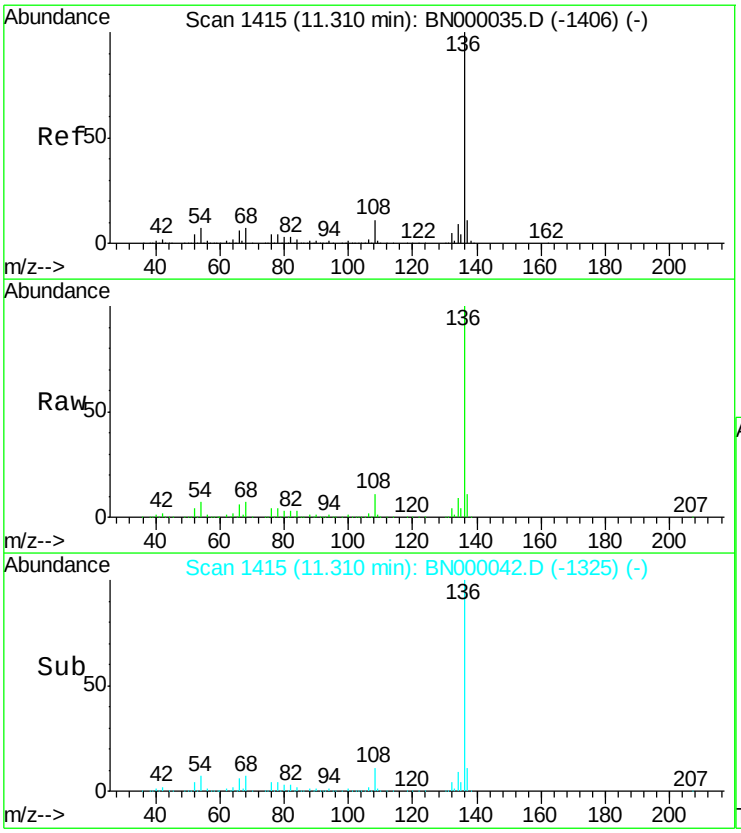
#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.45 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 725

Ion	Ratio	Lower	Upper
107	100		
108	829.4	61.6	101.6#
77	2237.8	13.9	53.9#
79	2131.2	8.8	48.8#

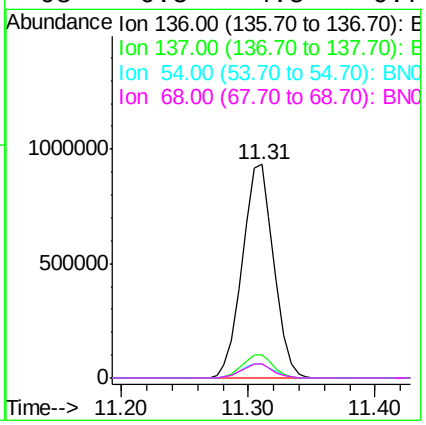


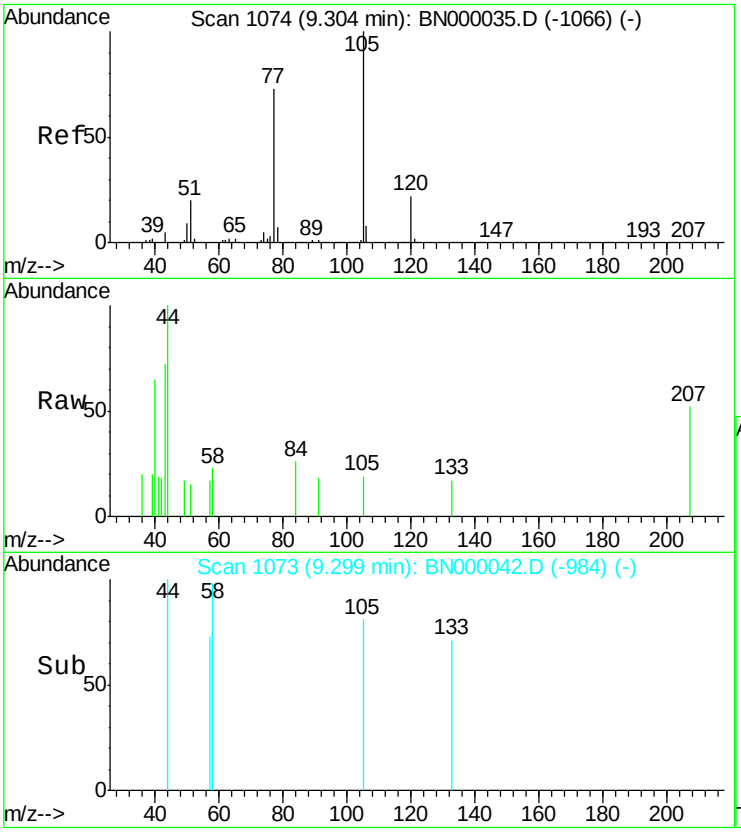


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:136 Resp: 1605851

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.9	10.3	15.5#
68	6.5	4.5	6.7



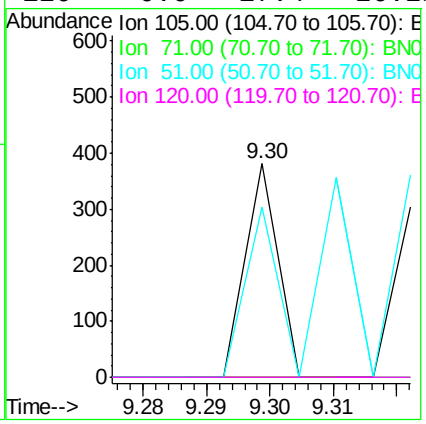


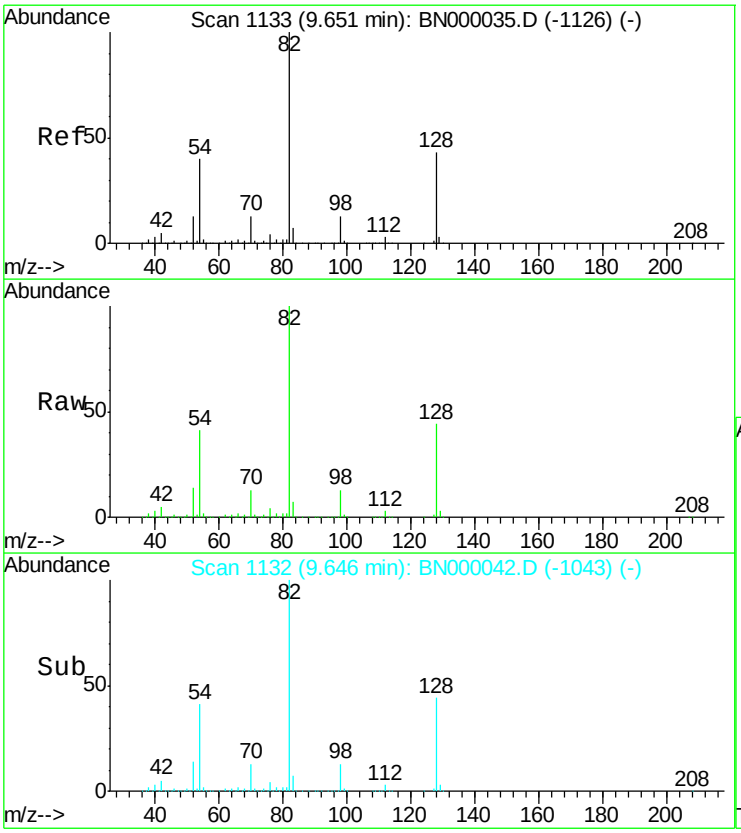
#22
Acetophenone
Concen: 0.00 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 134

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	79.8	26.1	39.1#
120	0.0	17.4	26.2#

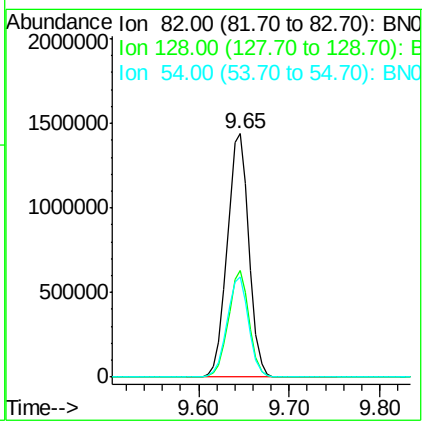


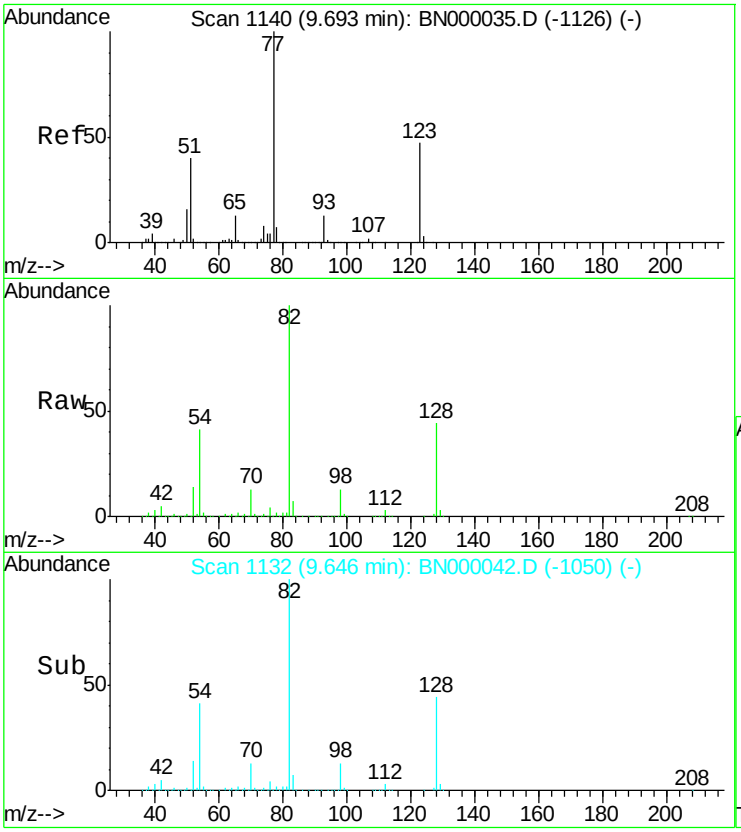


#23
Nitrobenzene-d5
Concen: 88.43 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 82 Resp: 2388347

Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	41.1	43.1	64.7#



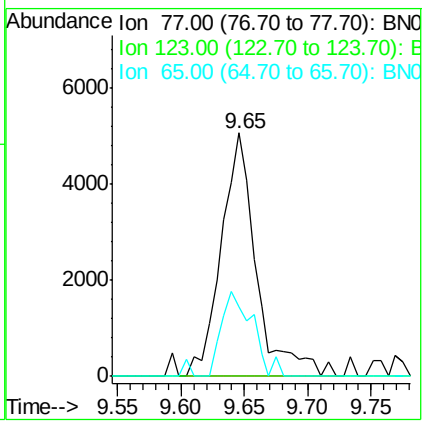


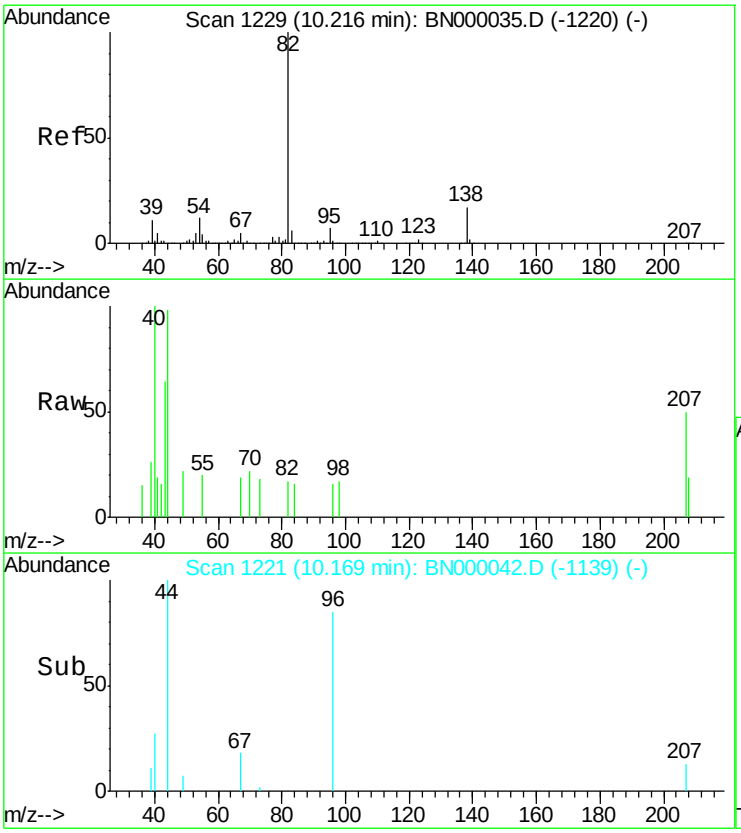
#24
Nitrobenzene
Concen: 0.33 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 9724

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	28.5	13.0	19.6#

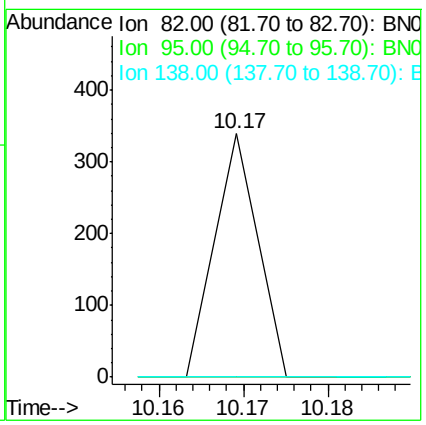


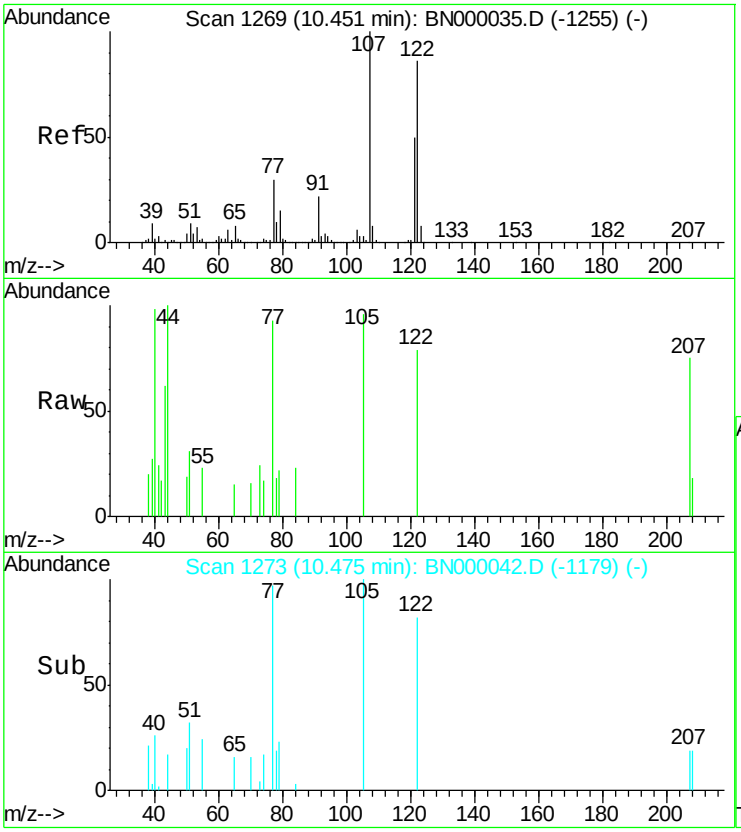


#25
Isophorone
Concen: 0.00 ng
RT: 10.17 min Scan# 1221
Delta R.T. -0.05 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion: 82 Resp: 120

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



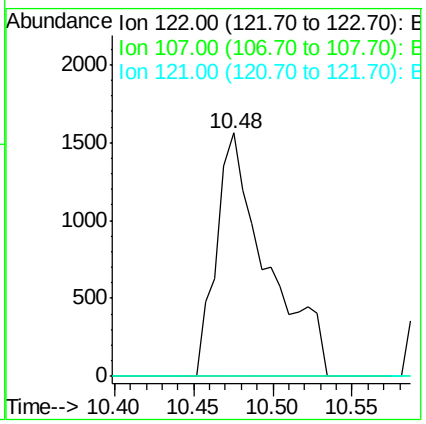


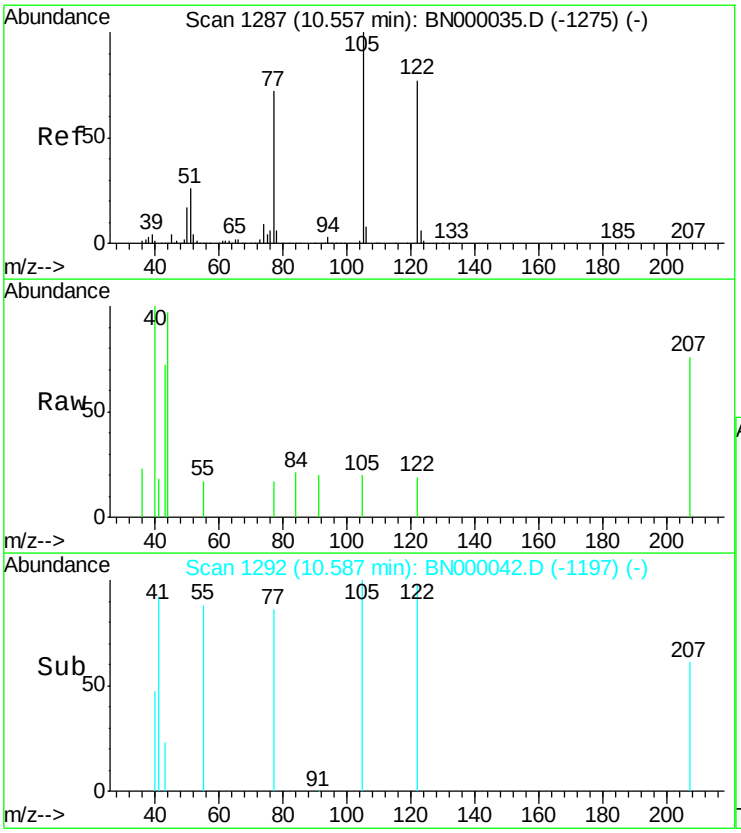
#27
2,4-Dimethylphenol
Concen: 0.14 ng
RT: 10.48 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 3467

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

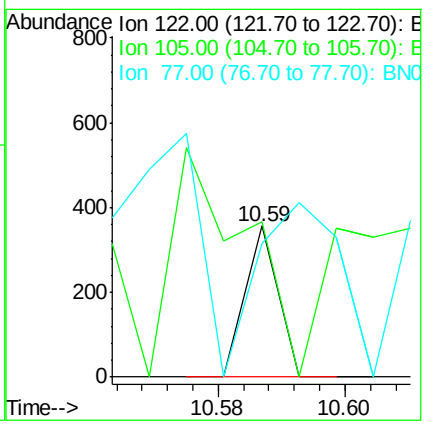


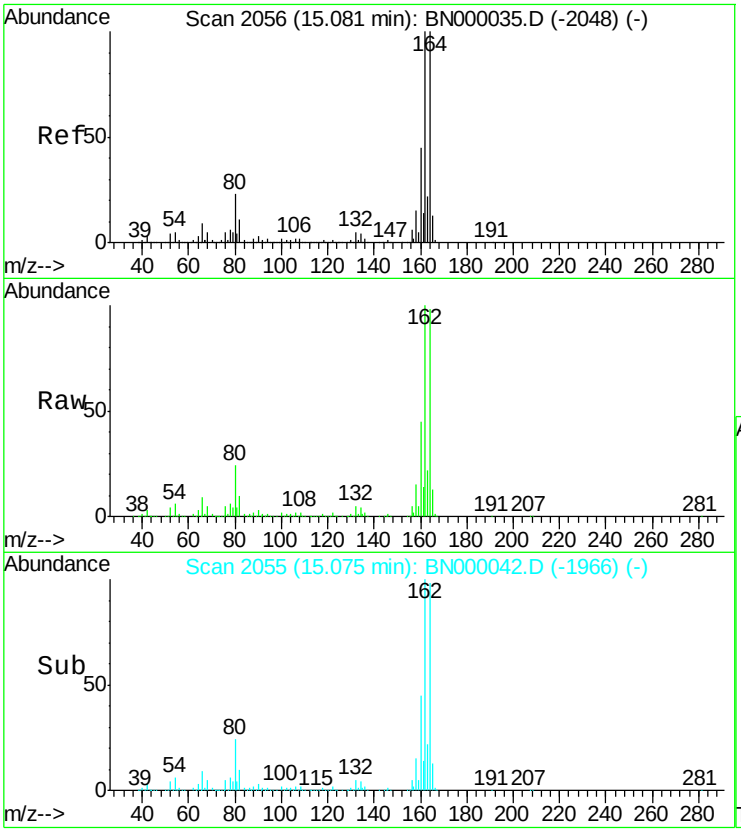


#32
Benzoic acid
Concen: 10.55 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	102.5	123.5	163.5#
77	88.2	85.7	125.7



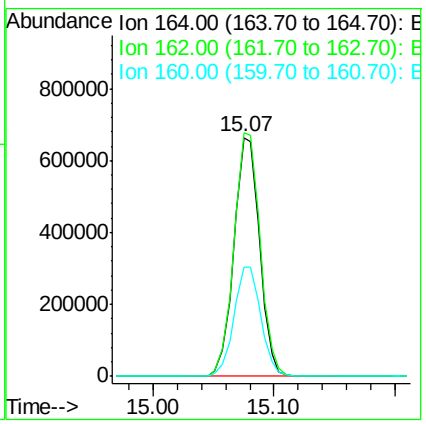


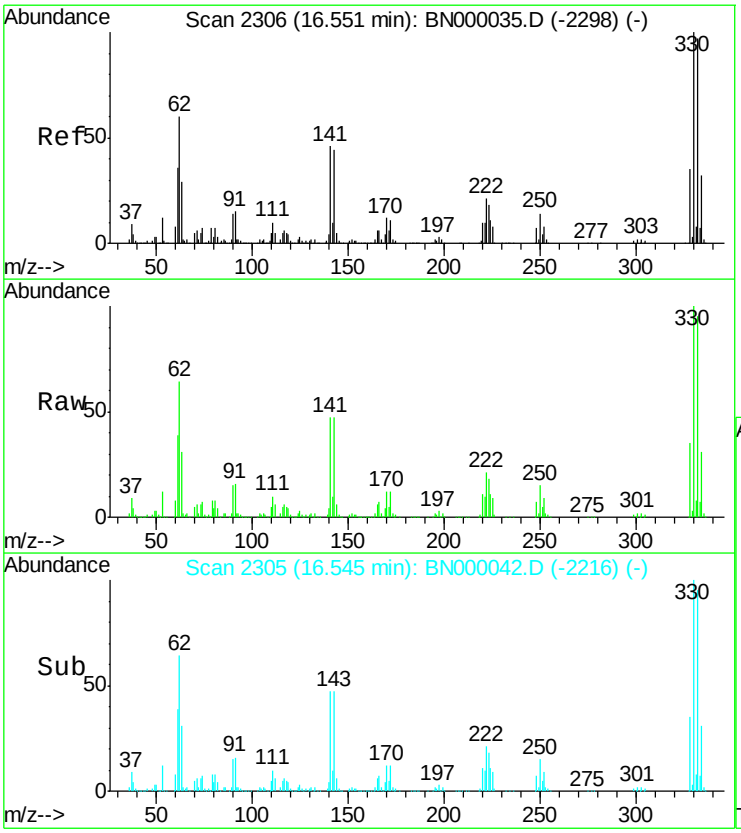
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 983427

Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	45.8	35.4	53.0

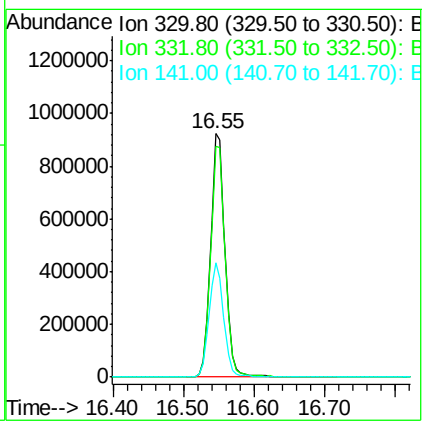


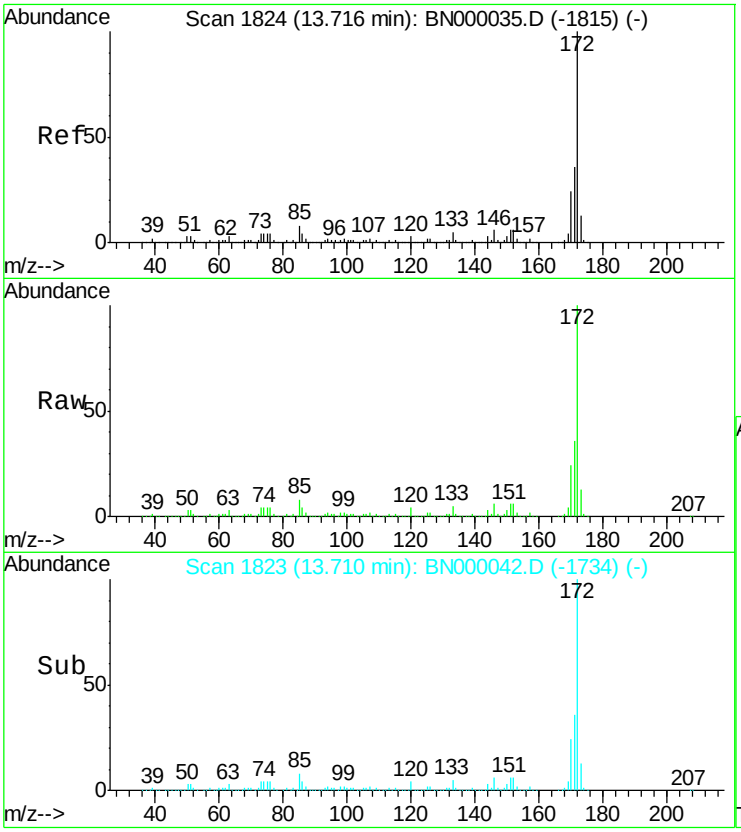


#41
2,4,6-Tribromophenol
Concen: 135.19 ng
RT: 16.55 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:330 Resp: 1315951

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	47.3	25.2	37.8#



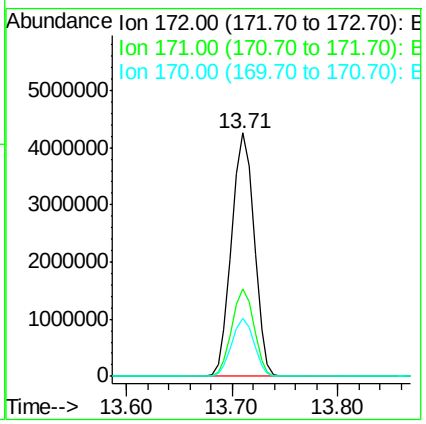


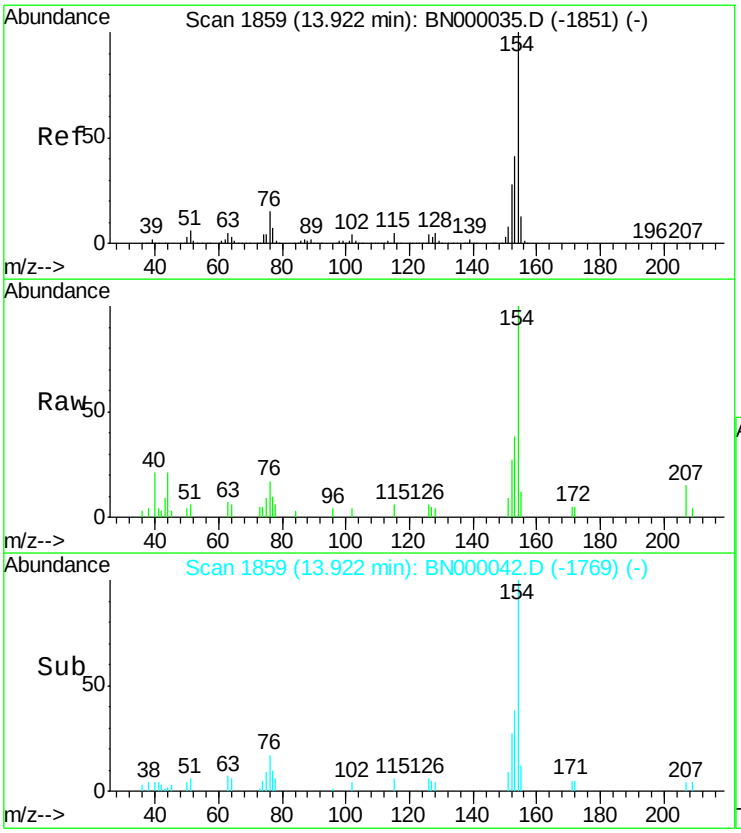
#44
2-Fluorobiphenyl
Concen: 90.05 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6283359

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.0	19.5	29.3

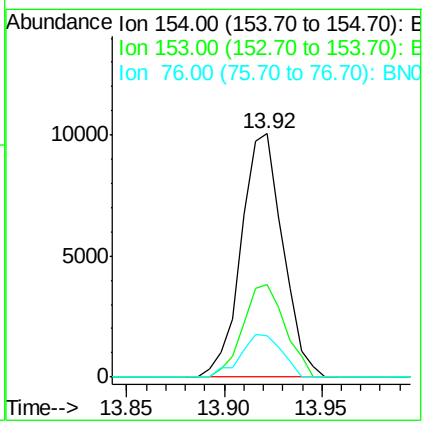


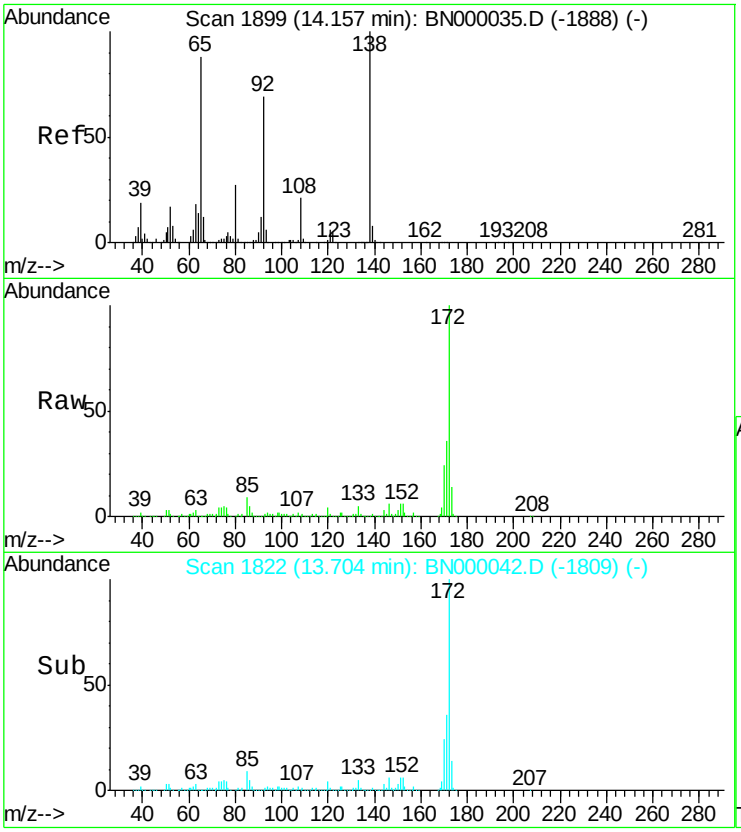


#45
1,1'-Biphenyl
Concen: 0.17 ng
RT: 13.92 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:154 Resp: 14841

Ion	Ratio	Lower	Upper
154	100		
153	38.1	19.8	59.8
76	16.9	0.0	31.9



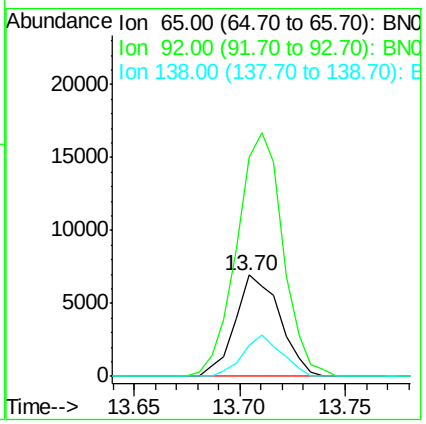


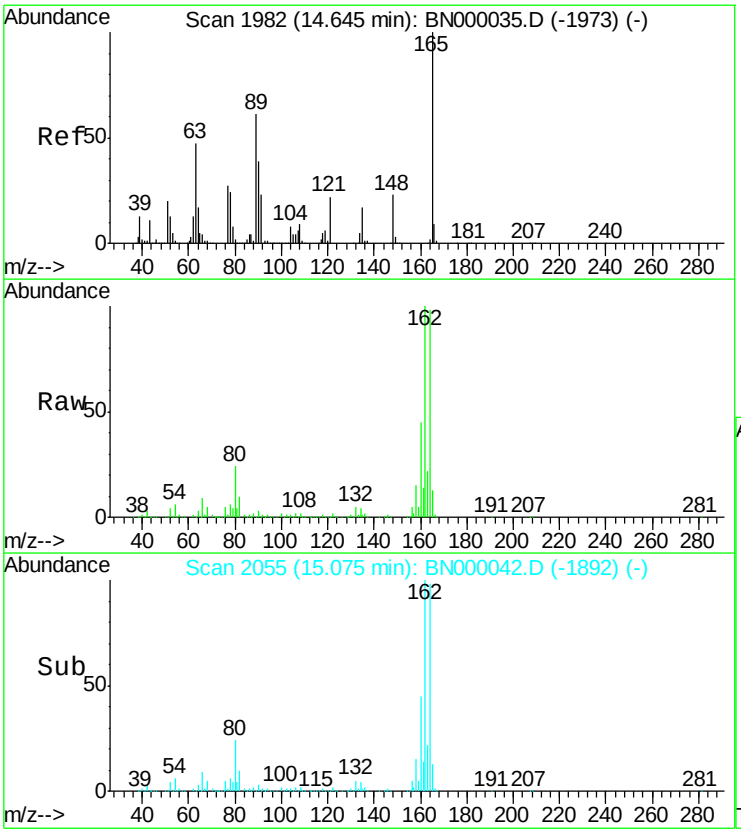
#47
2-Nitroaniline
Concen: 5.36 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.45 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 65 Resp: 10242

Ion	Ratio	Lower	Upper
65	100		
92	216.1	54.6	82.0#
138	30.3	72.9	109.3#

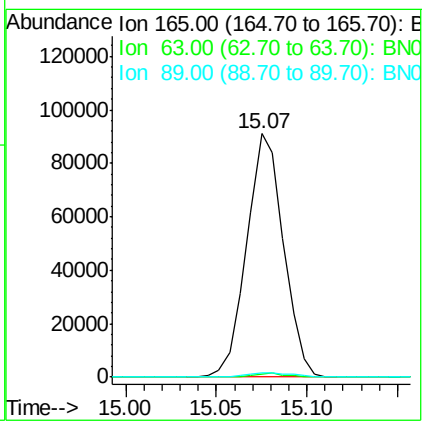


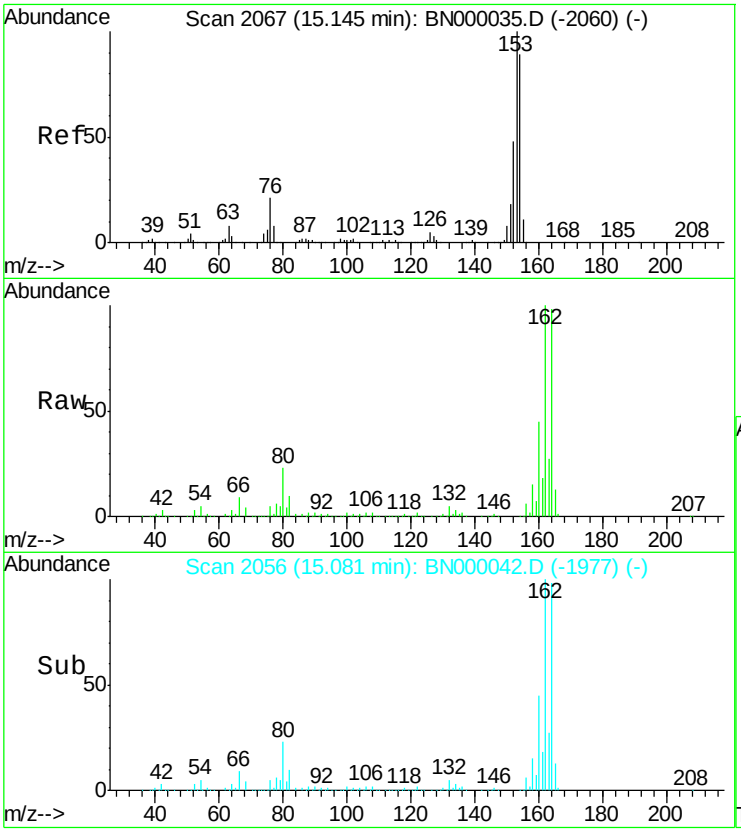


#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 15.07 min Scan# 2055
Delta R.T. 0.43 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:165 Resp: 128384

Ion	Ratio	Lower	Upper
165	100		
63	1.1	52.7	79.1#
89	1.8	49.2	73.8#



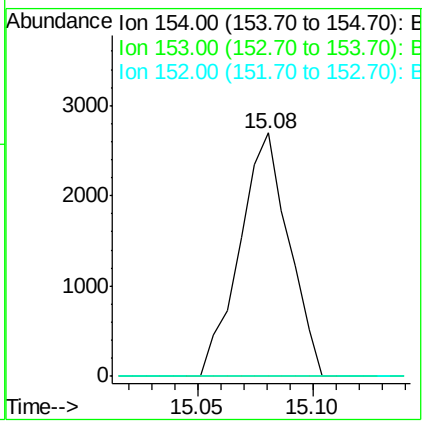


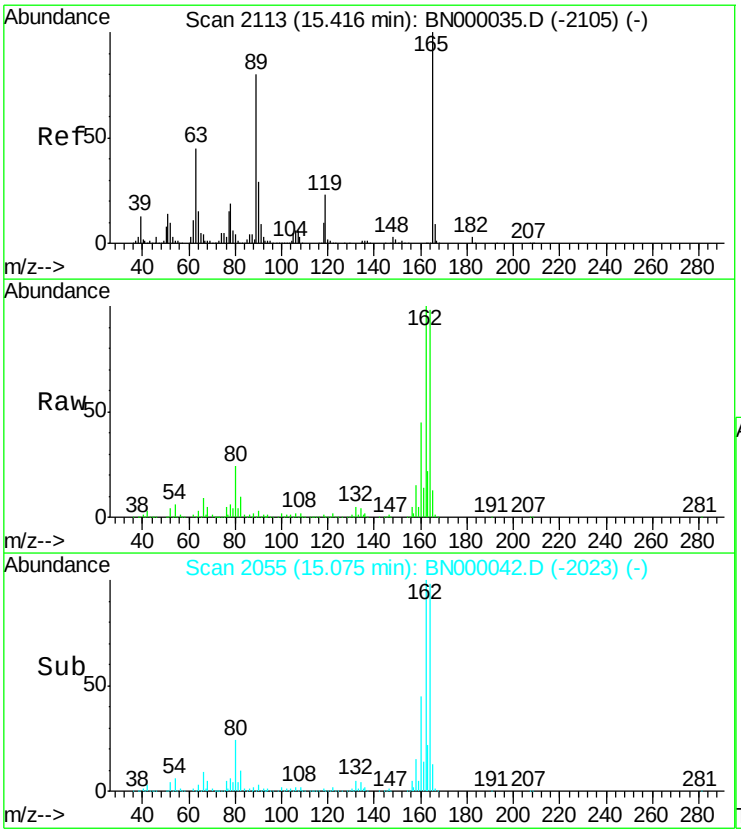
#51
Acenaphthene
Concen: 0.06 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.06 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3997

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

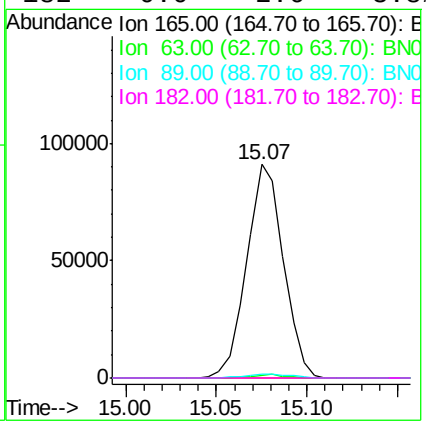


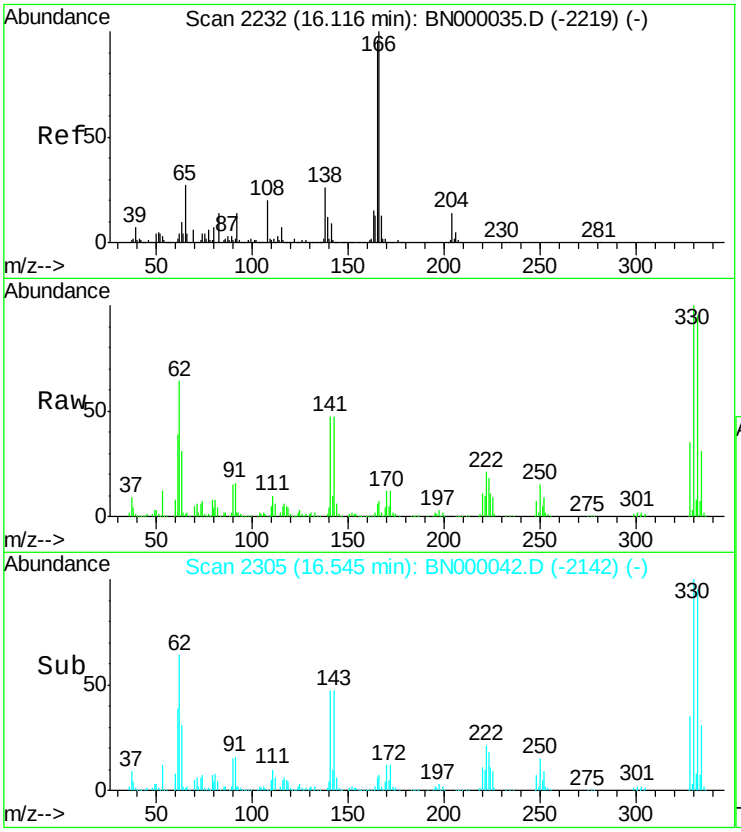


#56
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.34 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:165 Resp: 128384

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



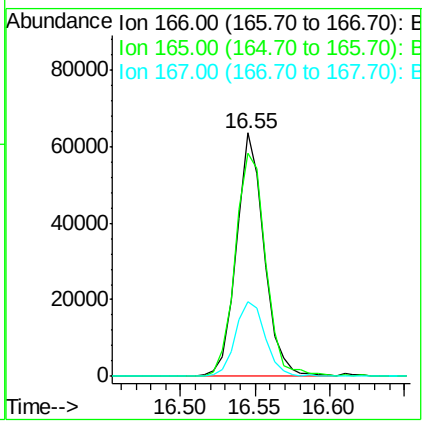


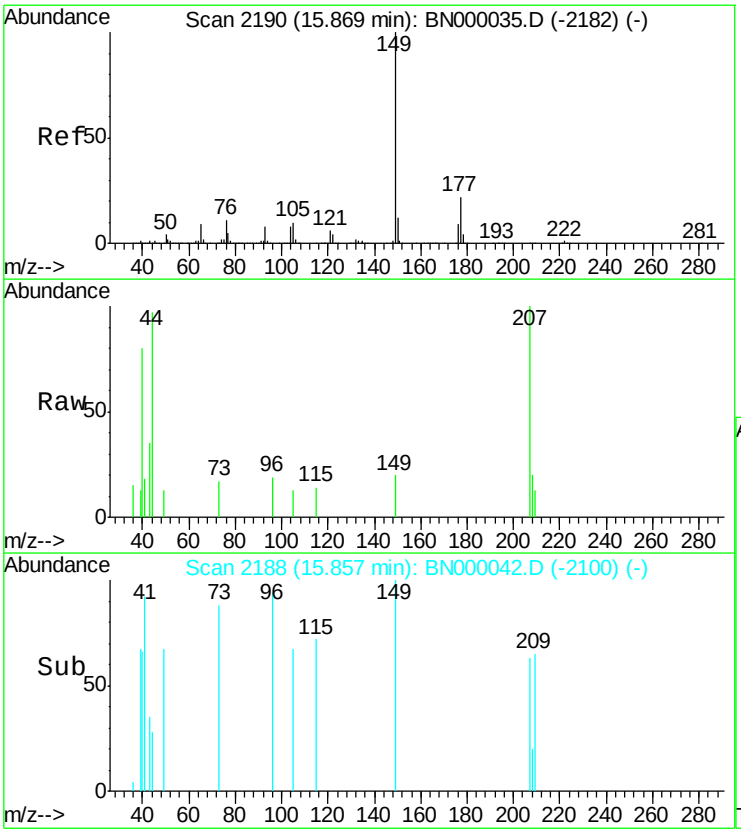
#57
Fluorene
Concen: 1.04 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.43 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 82006

Ion	Ratio	Lower	Upper
166	100		
165	91.7	80.6	121.0
167	30.5	10.4	15.6#

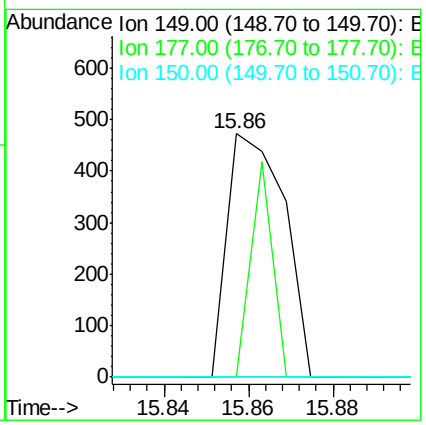


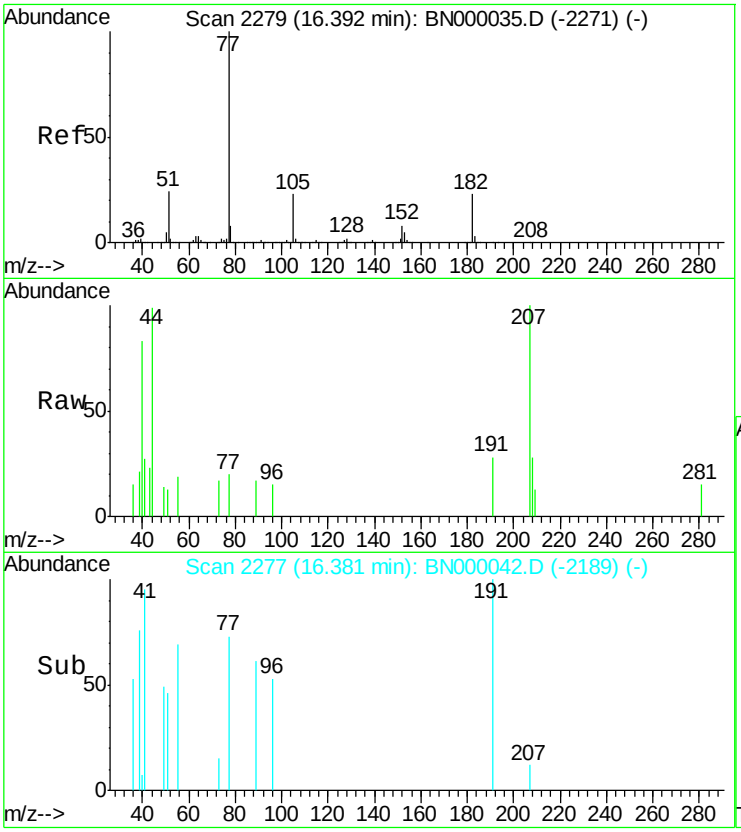


#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:149 Resp: 442

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



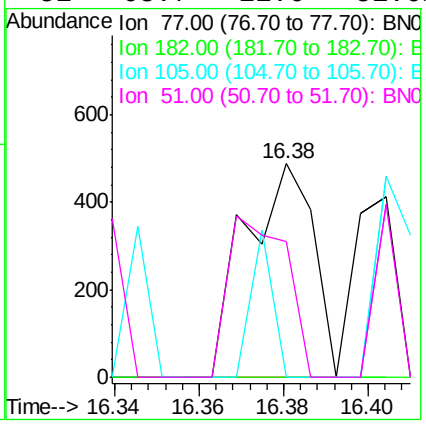


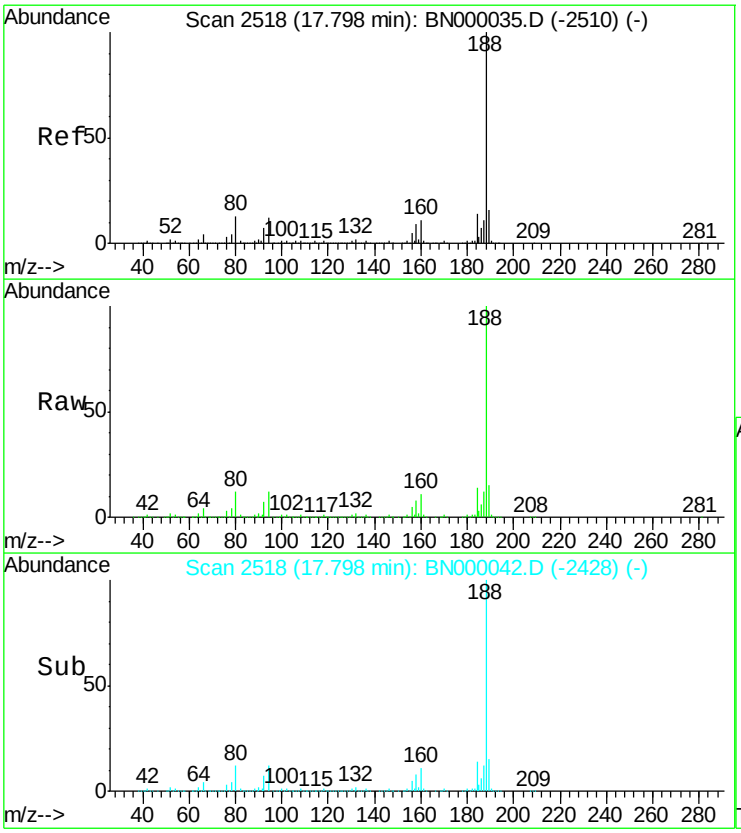
#62
Azobenzene
Concen: 0.01 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 545

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	0.0	0.3	40.3#
51	63.7	11.6	51.6#

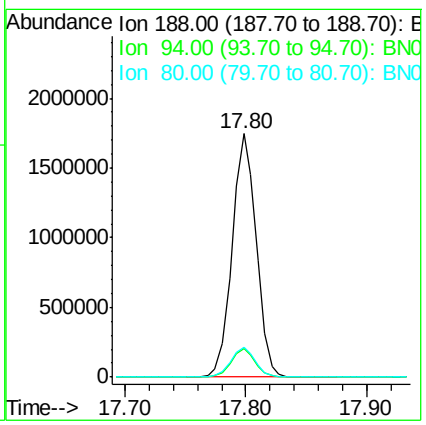


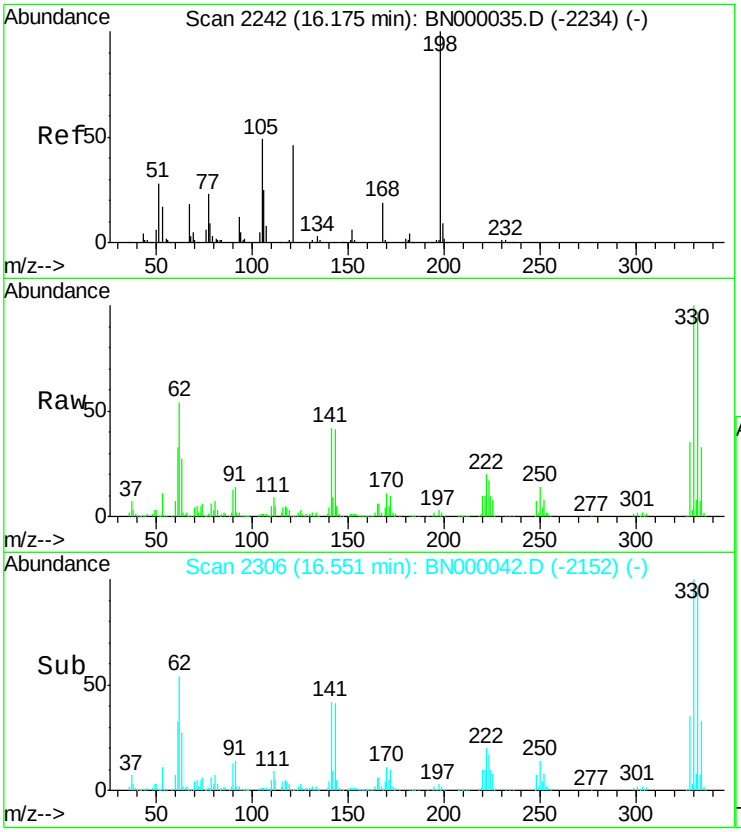


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.80 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:188 Resp: 2419567

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



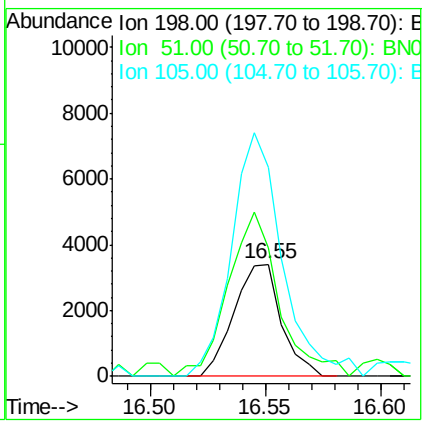


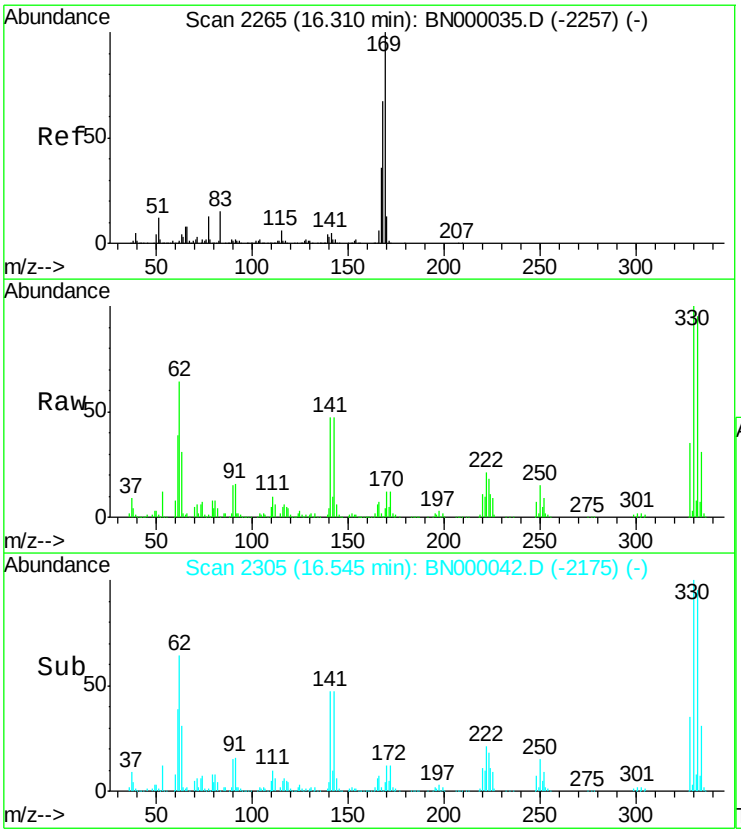
#64
4,6-Dinitro-2-methylphenol
Concen: 9.05 ng
RT: 16.55 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 4866

Ion	Ratio	Lower	Upper
198	100		
51	114.7	30.6	70.6#
105	186.3	23.8	63.8#

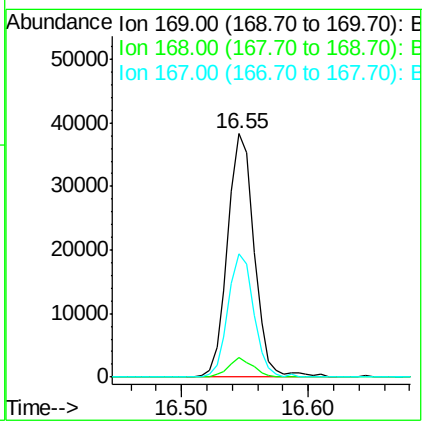


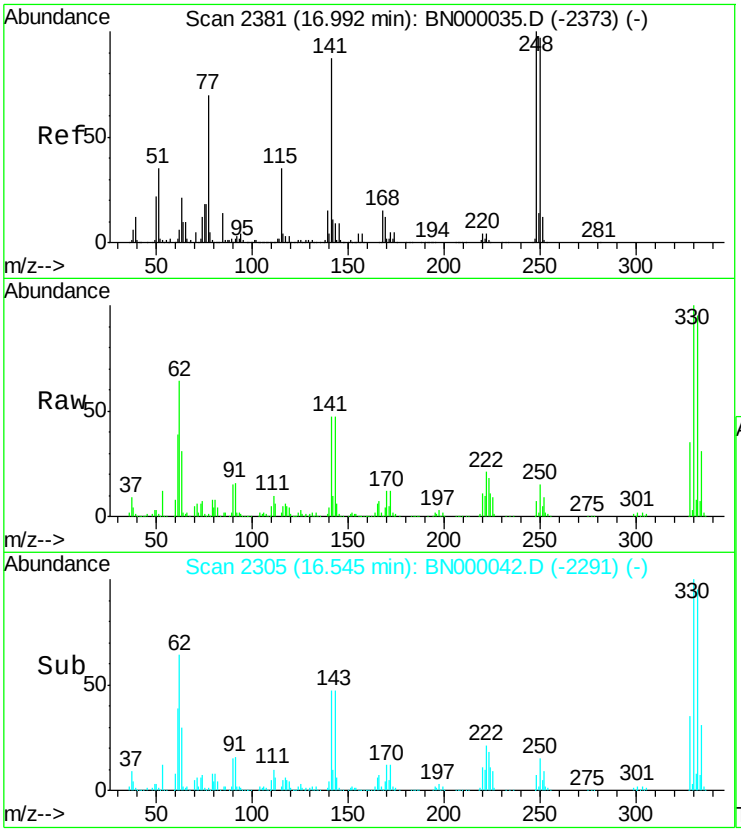


#65
n-Nitrosodiphenylamine
Concen: 0.70 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.24 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:169 Resp: 55420

Ion	Ratio	Lower	Upper
169	100		
168	8.2	55.7	83.5#
167	50.7	30.1	45.1#



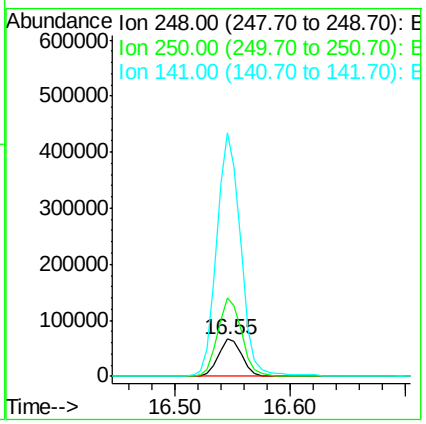


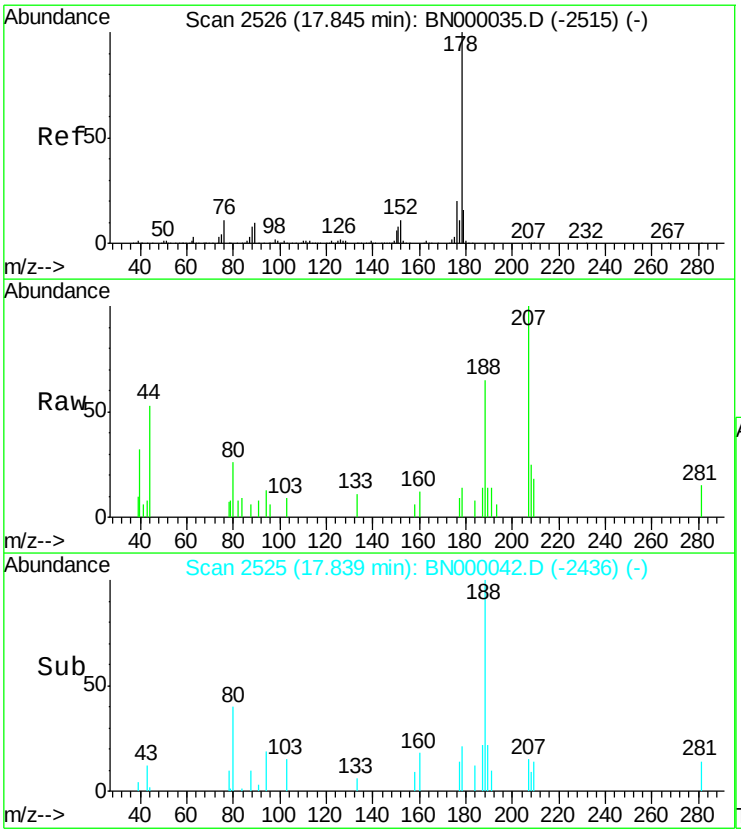
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 16.55 min Scan# 2305
Delta R.T. -0.45 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 95460

Ion	Ratio	Lower	Upper
248	100		
250	209.7	77.1	115.7#
141	651.9	50.8	76.2#

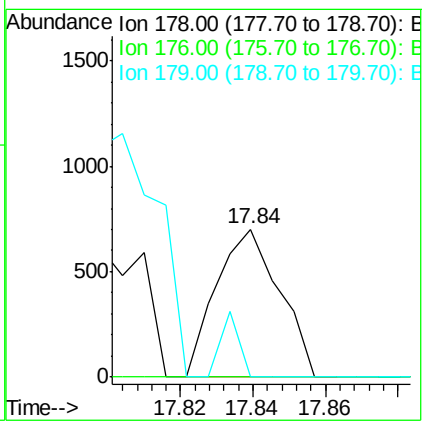


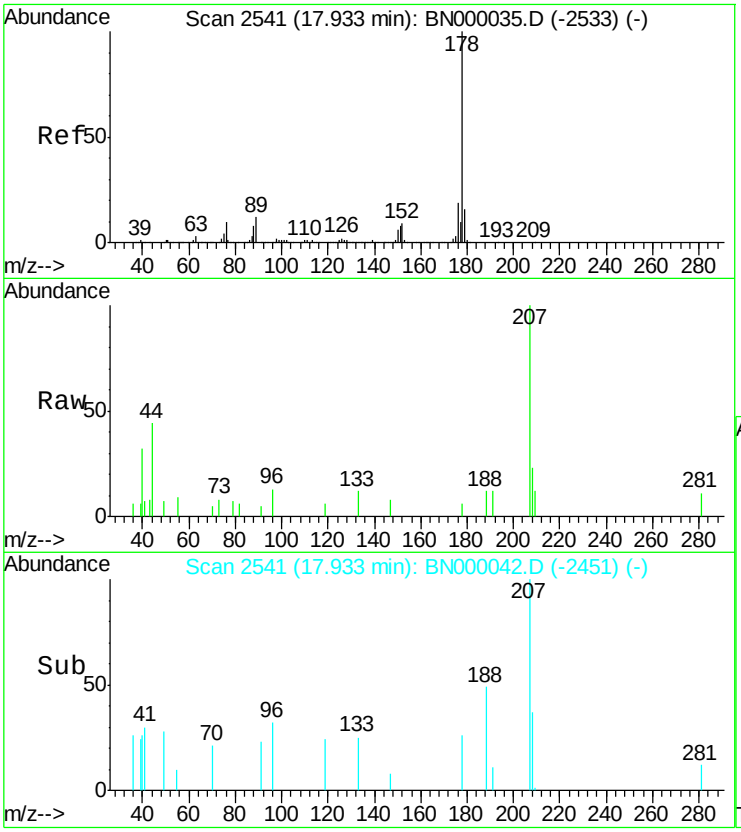


#70
Phenanthrene
Concen: 0.01 ng
RT: 17.84 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:178 Resp: 848

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



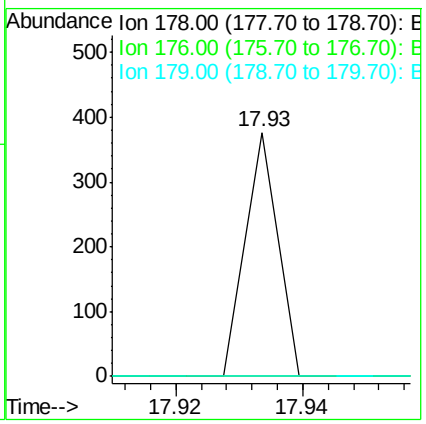


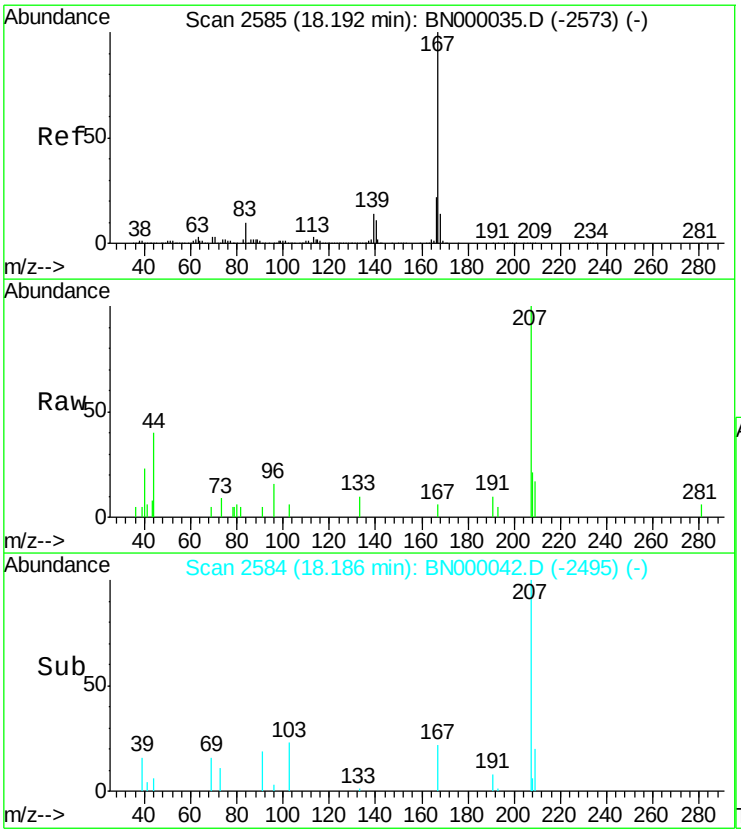
#71
Anthracene
Concen: 0.00 ng
RT: 17.93 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 133

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

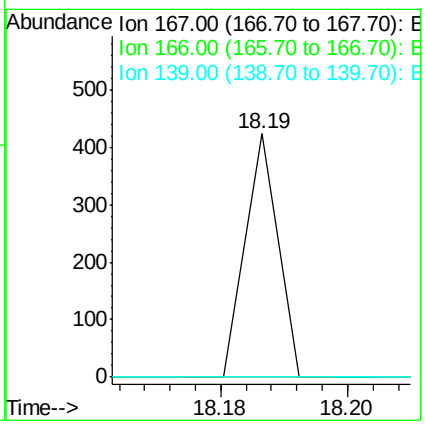


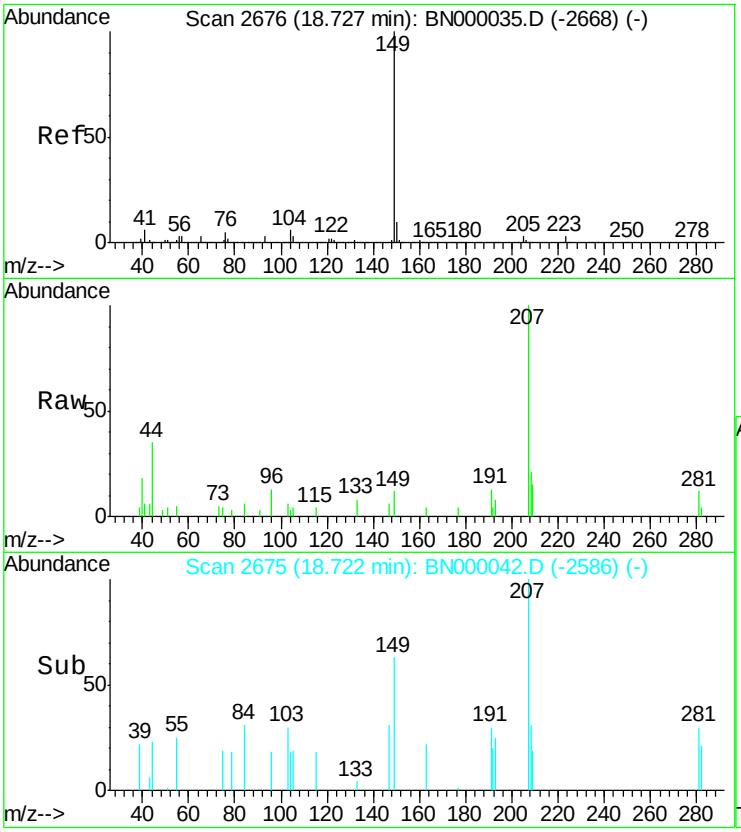


#72
Carbazole
Concen: 0.00 ng
RT: 18.19 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:167 Resp: 150

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



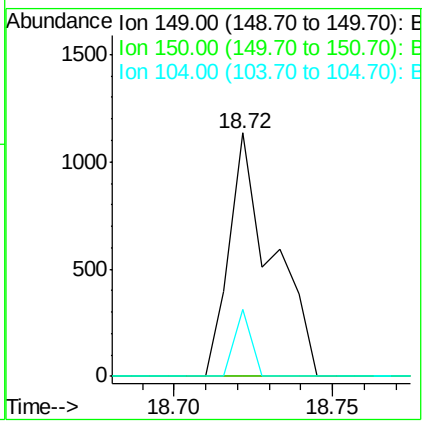


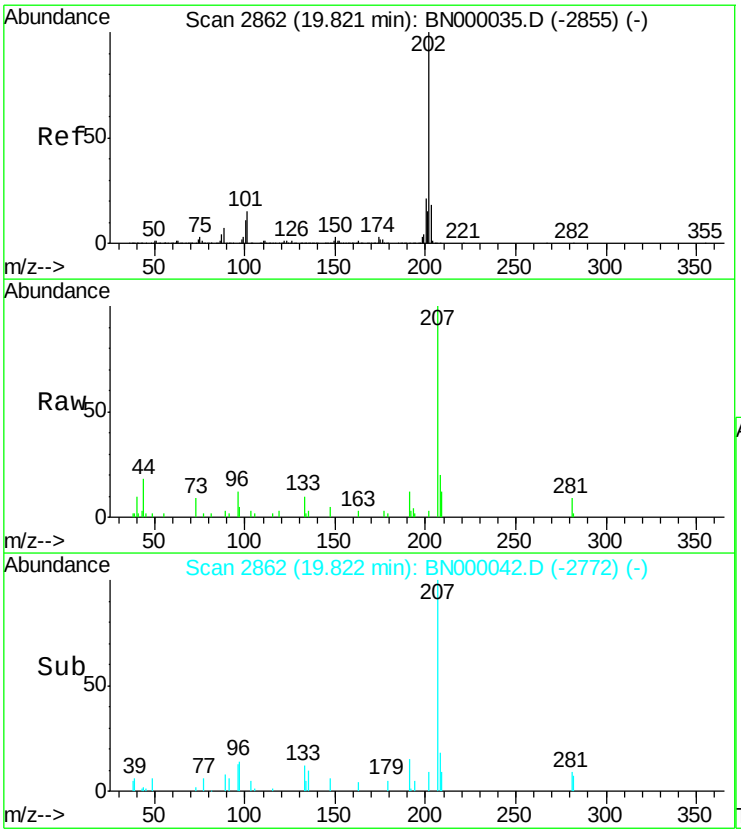
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.72 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1065

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	27.7	3.9	5.9#

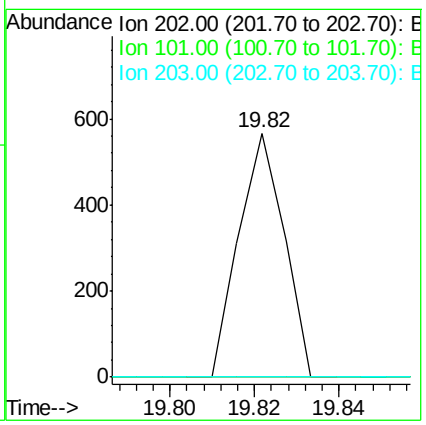


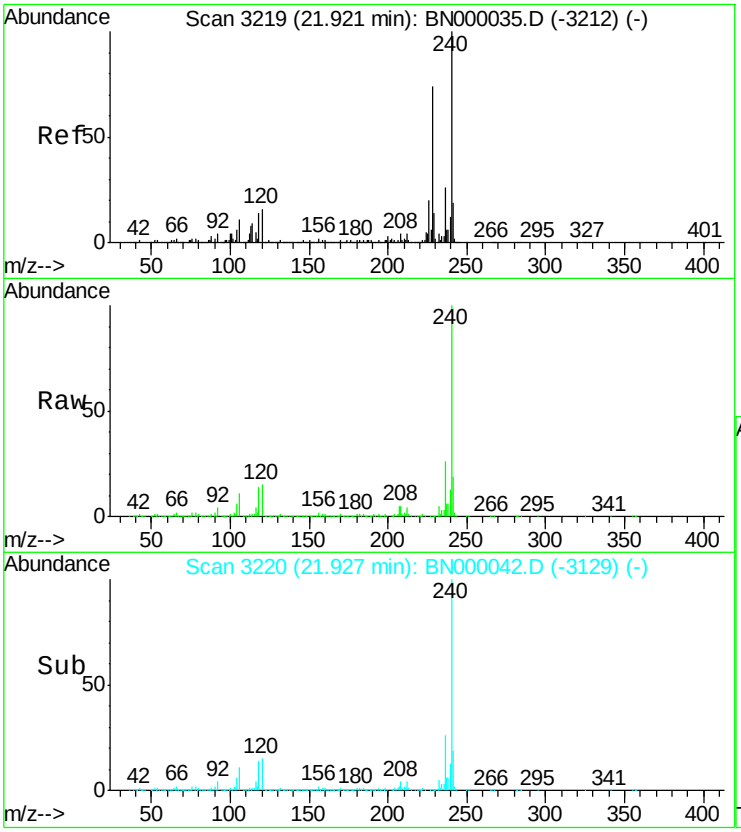


#74
Fluoranthene
Concen: 0.00 ng
RT: 19.82 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:202 Resp: 421

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



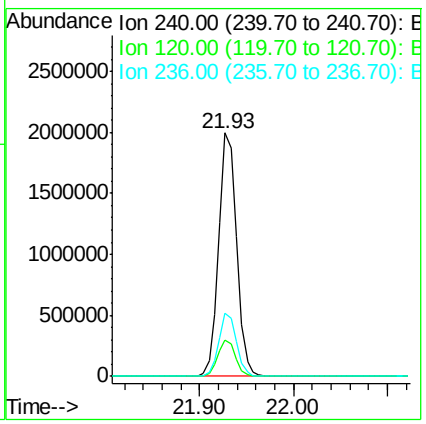


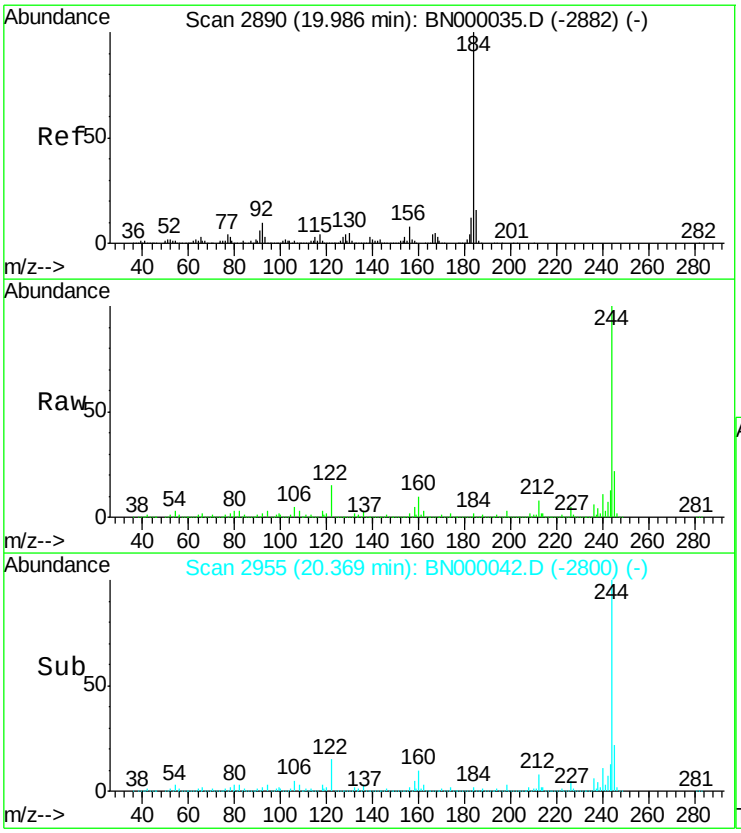
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2674145

Ion	Ratio	Lower	Upper
240	100		
120	15.1	6.8	10.2#
236	25.9	20.9	31.3

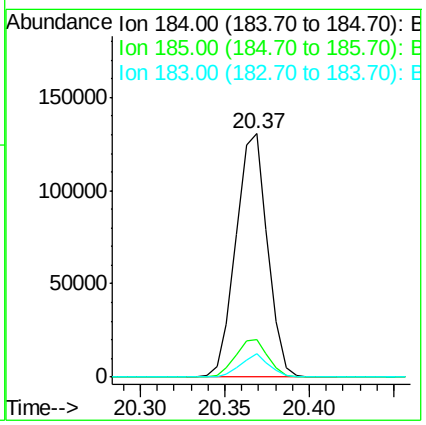


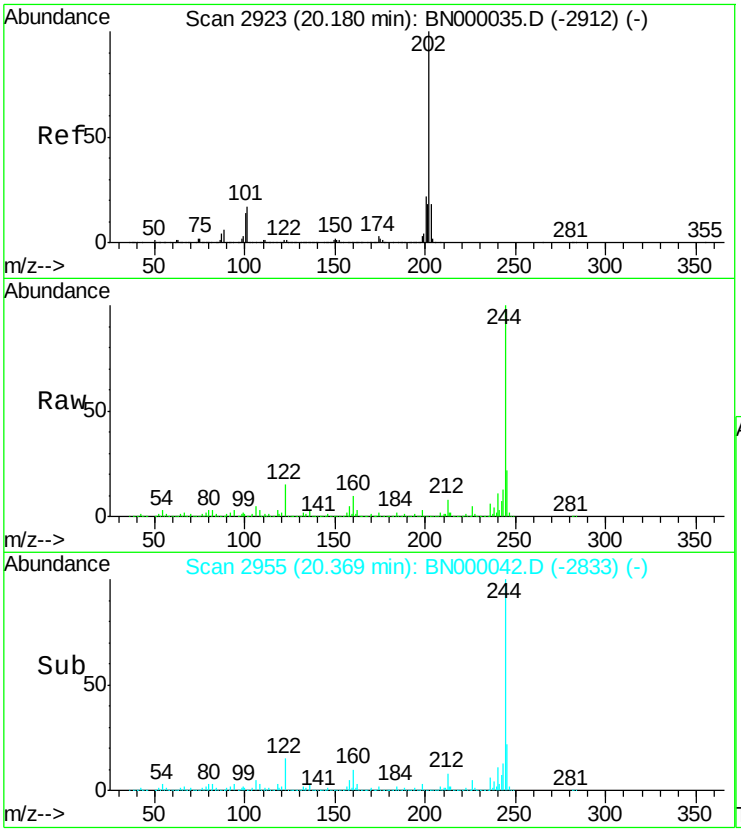


#76
Benzidine
Concen: 2.00 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.38 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:184 Resp: 170242

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	9.5	10.6	16.0#



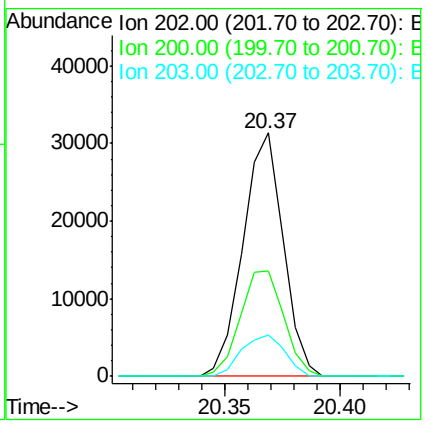


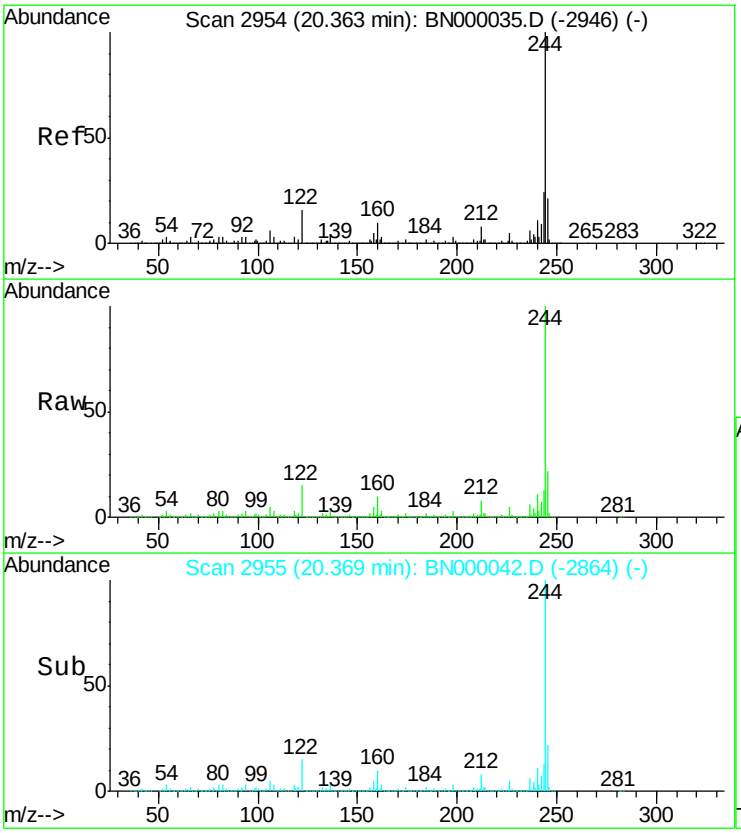
#77
Pyrene
Concen: 0.22 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.19 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 38219

Ion	Ratio	Lower	Upper
202	100		
200	43.4	16.9	25.3#
203	17.1	13.9	20.9

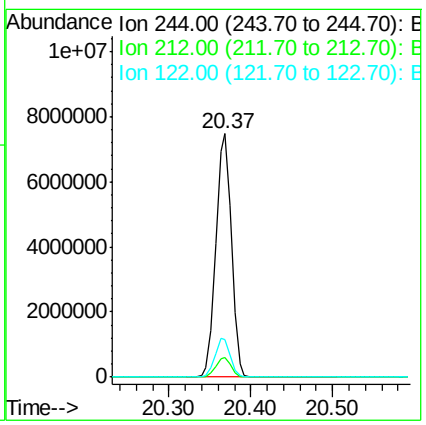


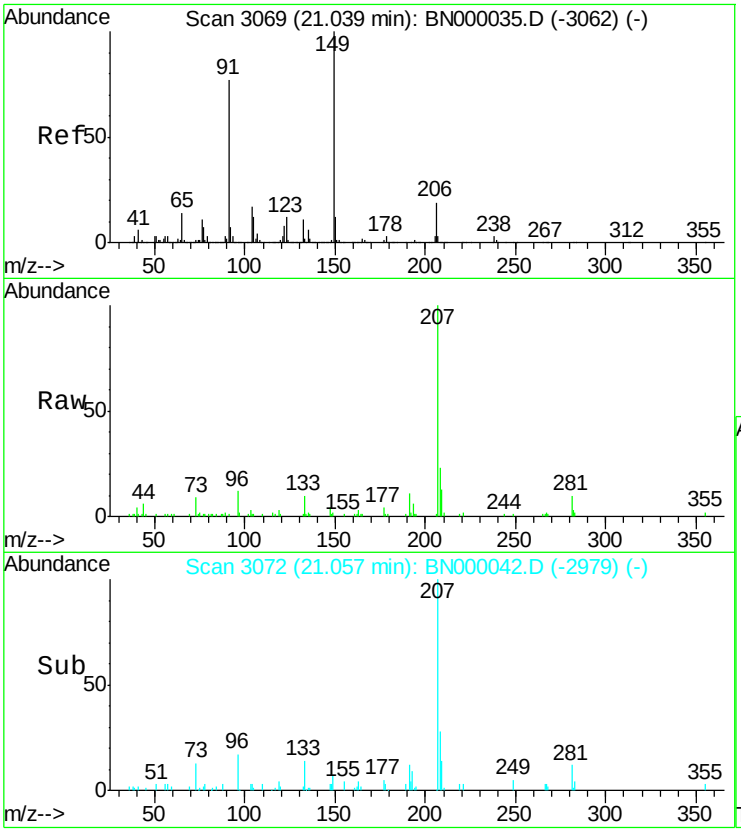


#78
Terphenyl-d14
Concen: 100.13 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:244 Resp: 9916636

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.5	7.0	10.4#



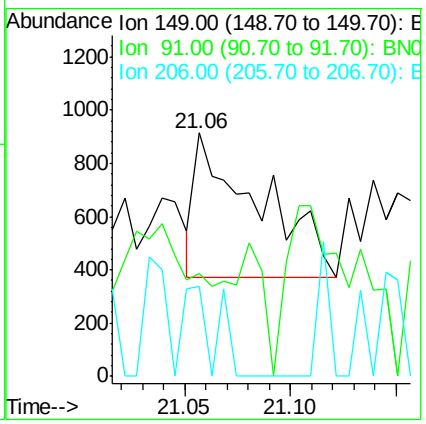


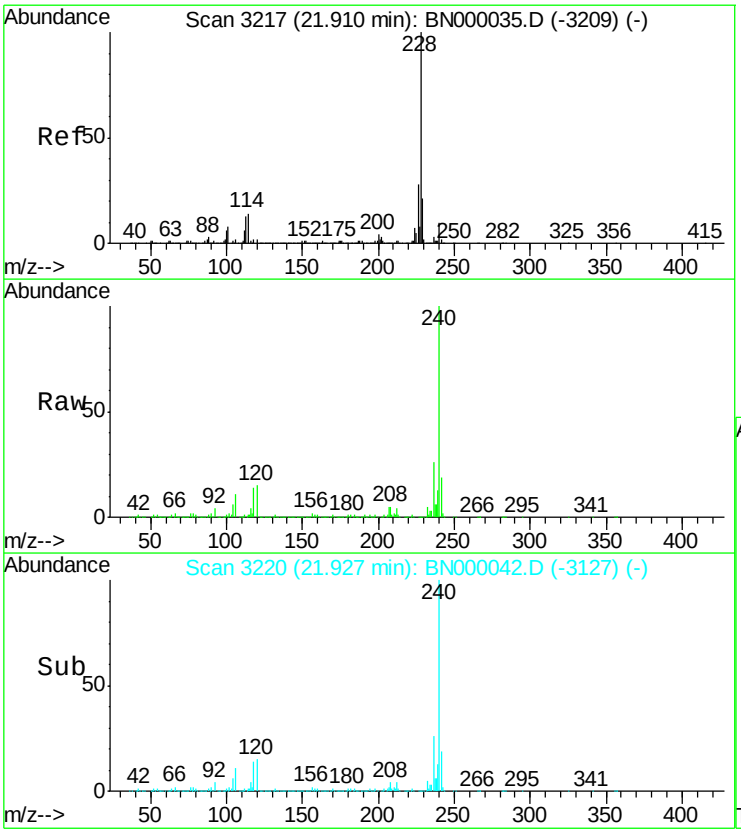
#79
Butylbenzylphthalate
Concen: 5.39 ng
RT: 21.06 min Scan# 3072
Delta R.T. 0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1120

Ion	Ratio	Lower	Upper
149	100		
91	42.0	62.2	93.2#
206	37.0	18.6	27.8#

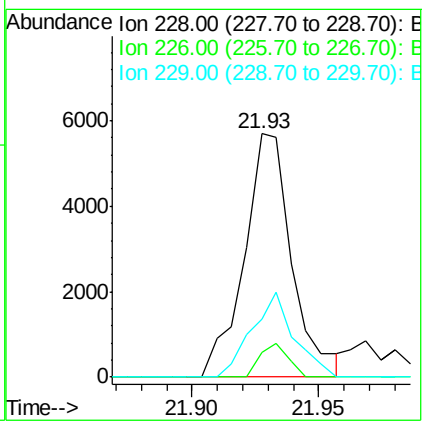


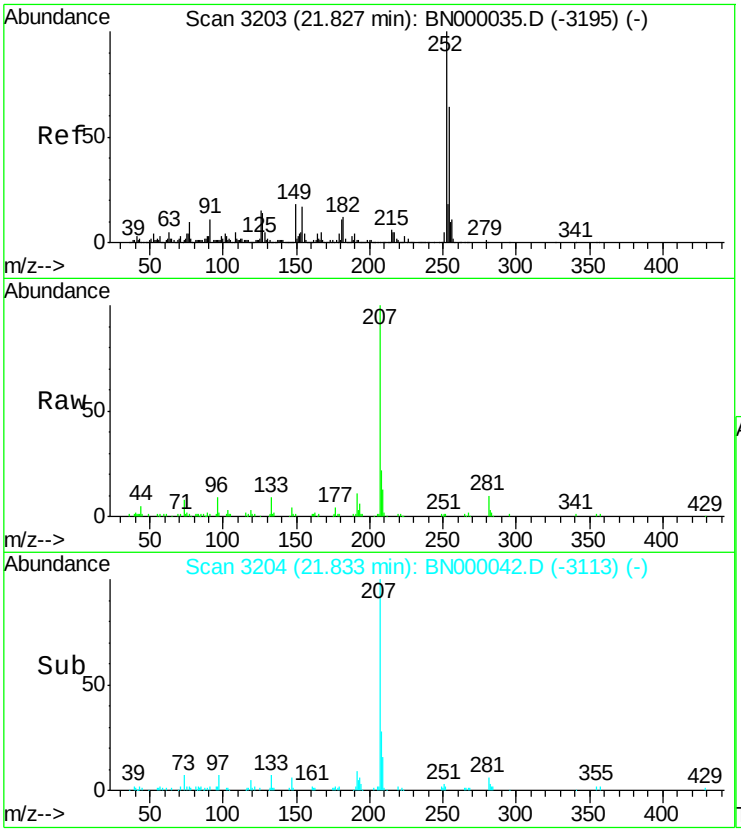


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.93 min Scan# 3220
Delta R.T. 0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:228 Resp: 7507

Ion	Ratio	Lower	Upper
228	100		
226	10.2	22.7	34.1#
229	24.1	16.2	24.2



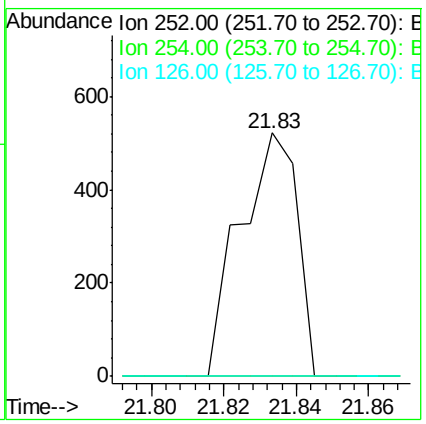


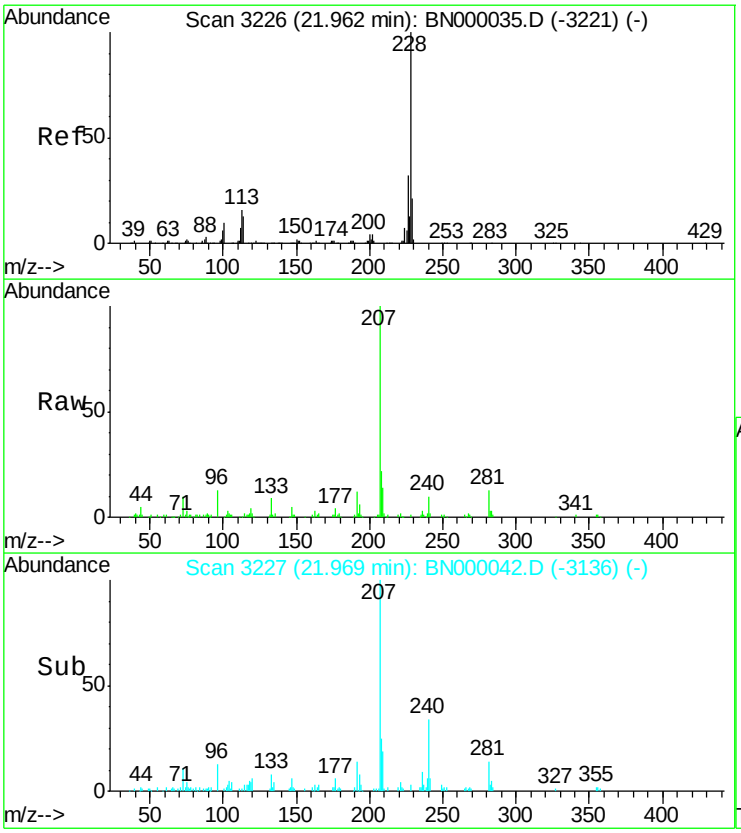
#81
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.83 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 575

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

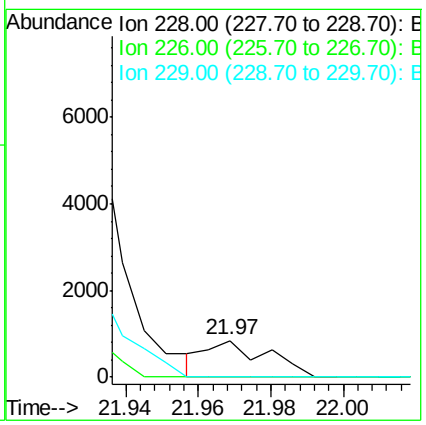


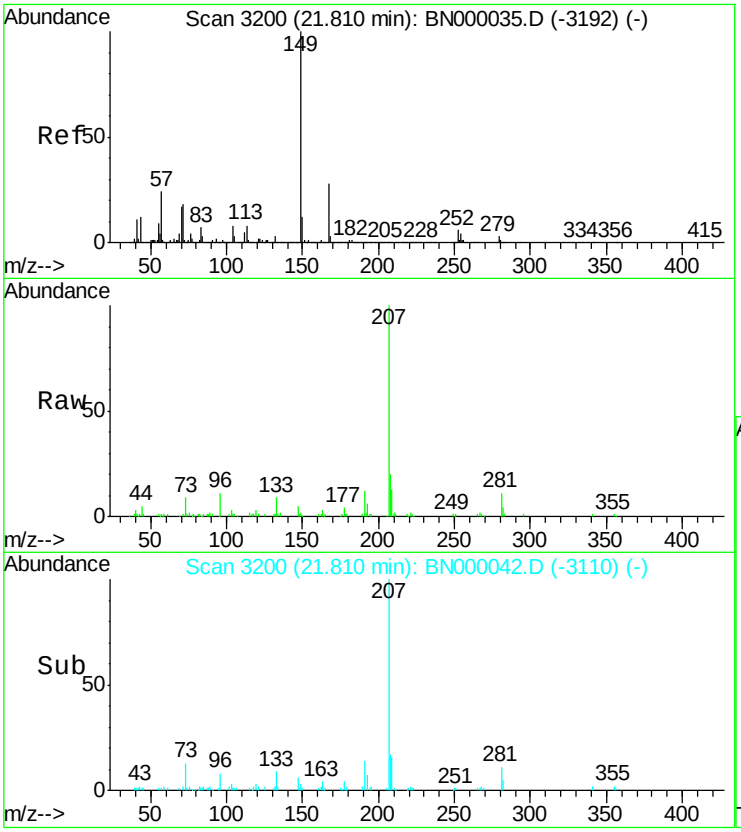


#82
Chrysene
Concen: 0.01 ng
RT: 21.97 min Scan# 3227
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:228 Resp: 999

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



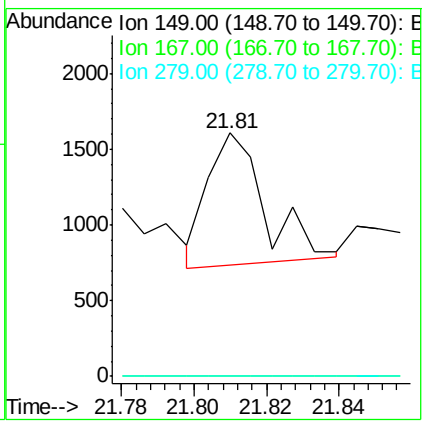


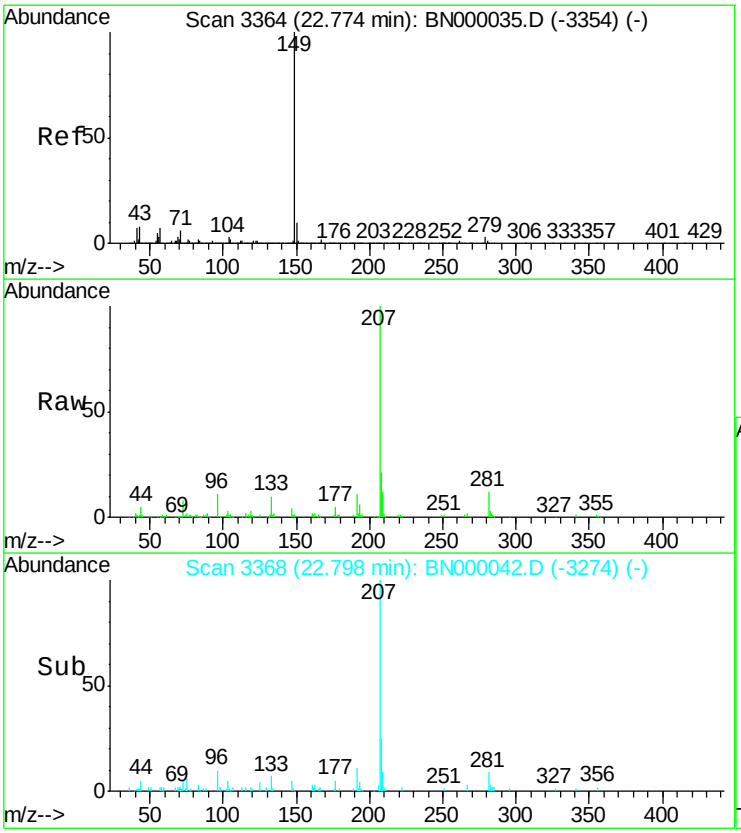
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.91 ng
RT: 21.81 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 961

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

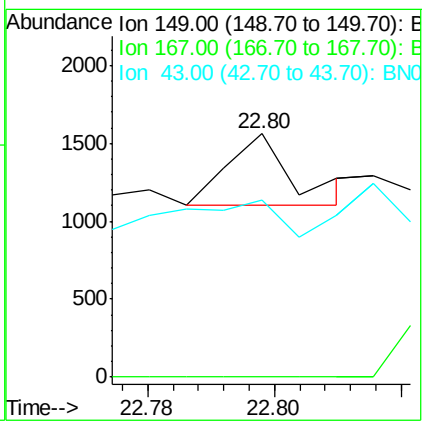


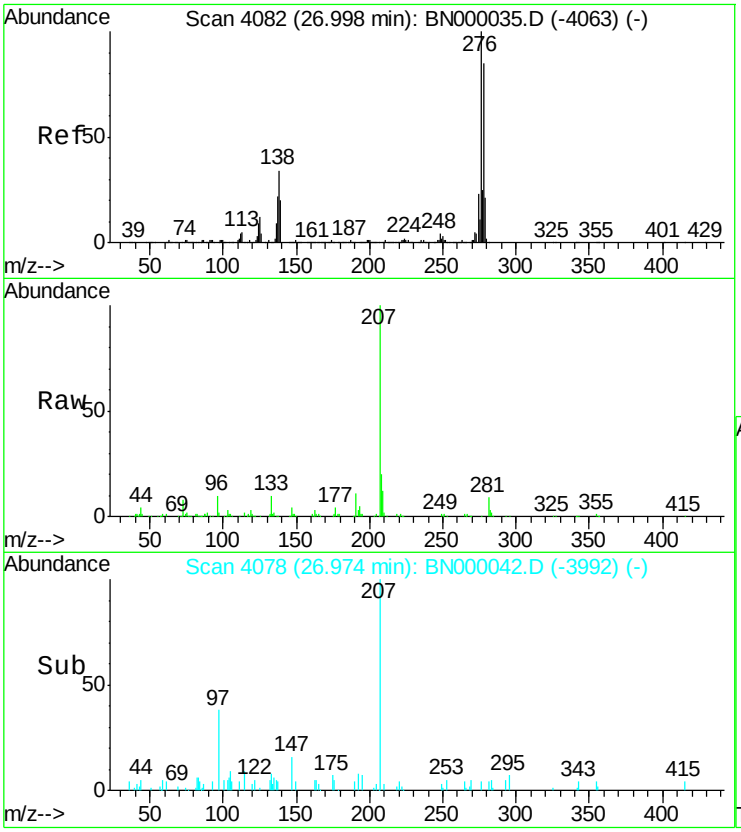


#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.80 min Scan# 3368
Delta R.T. 0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:149 Resp: 333

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	62.8	8.9	13.3#



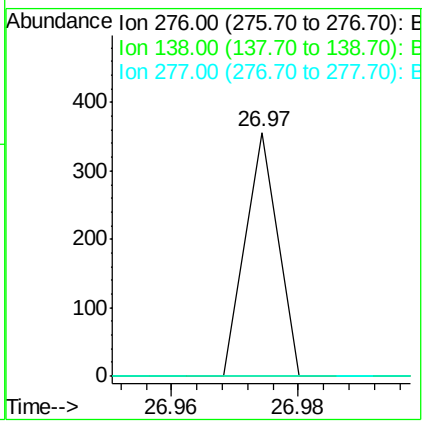


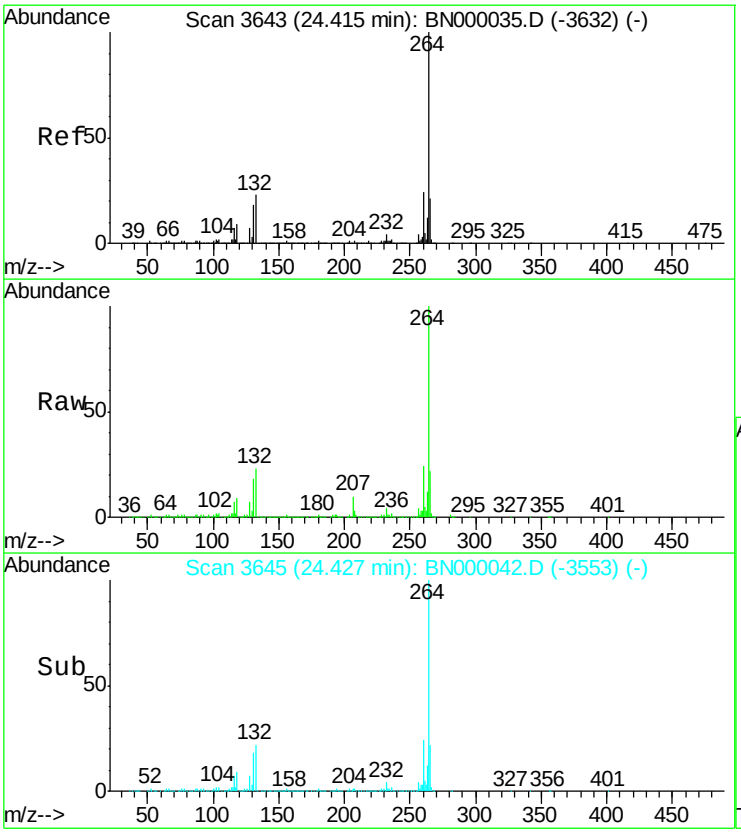
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.97 min Scan# 4078
Delta R.T. -0.02 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 126

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

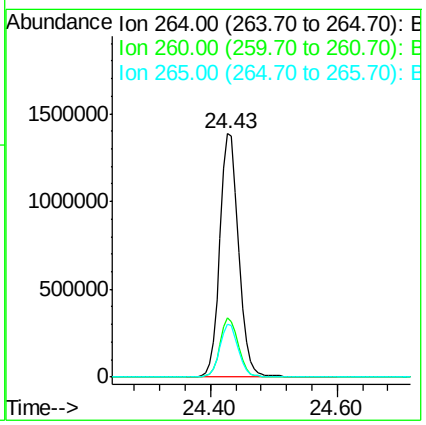


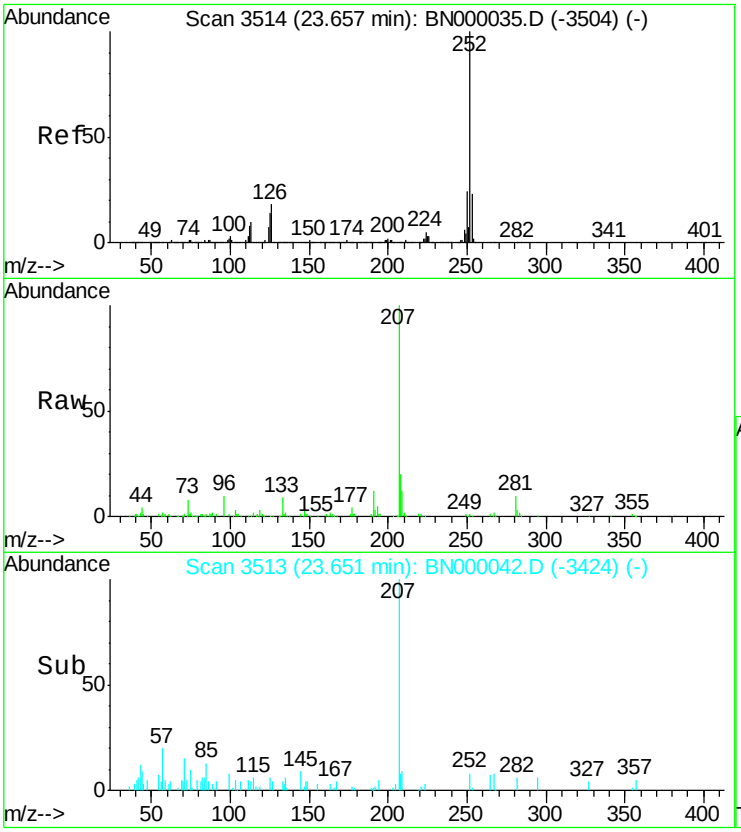


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.43 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:264 Resp: 2862972

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	17.7	26.5



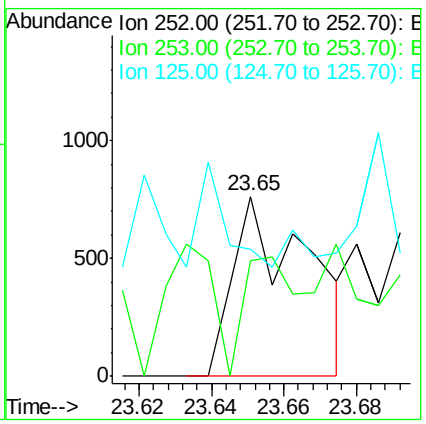


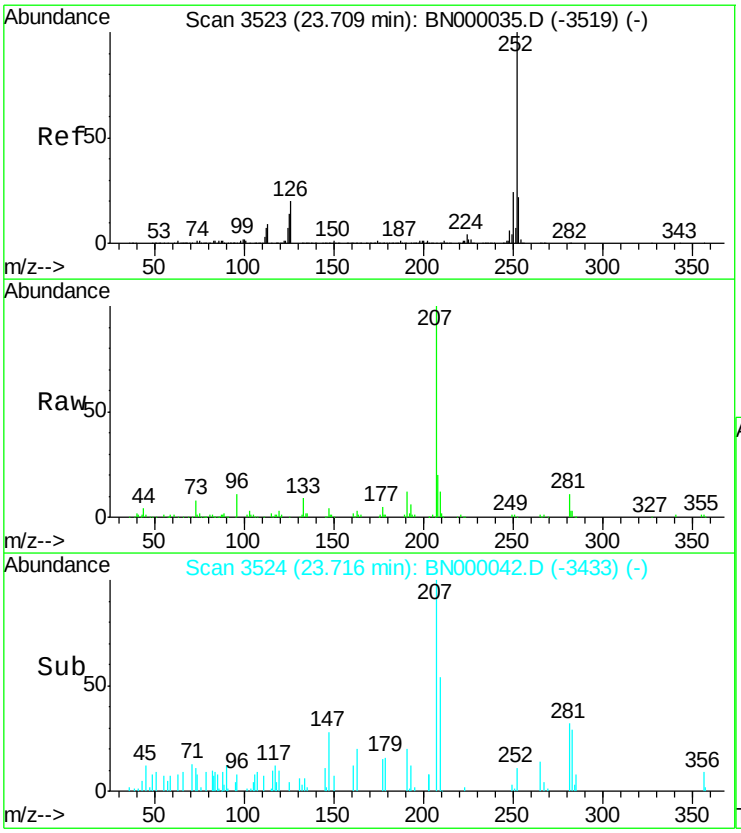
#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1079

Ion	Ratio	Lower	Upper
252	100		
253	64.0	18.2	27.4#
125	70.5	7.2	10.8#

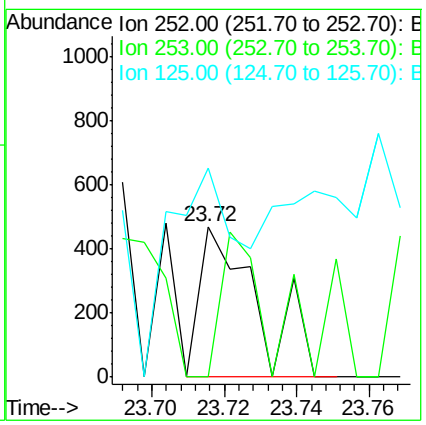


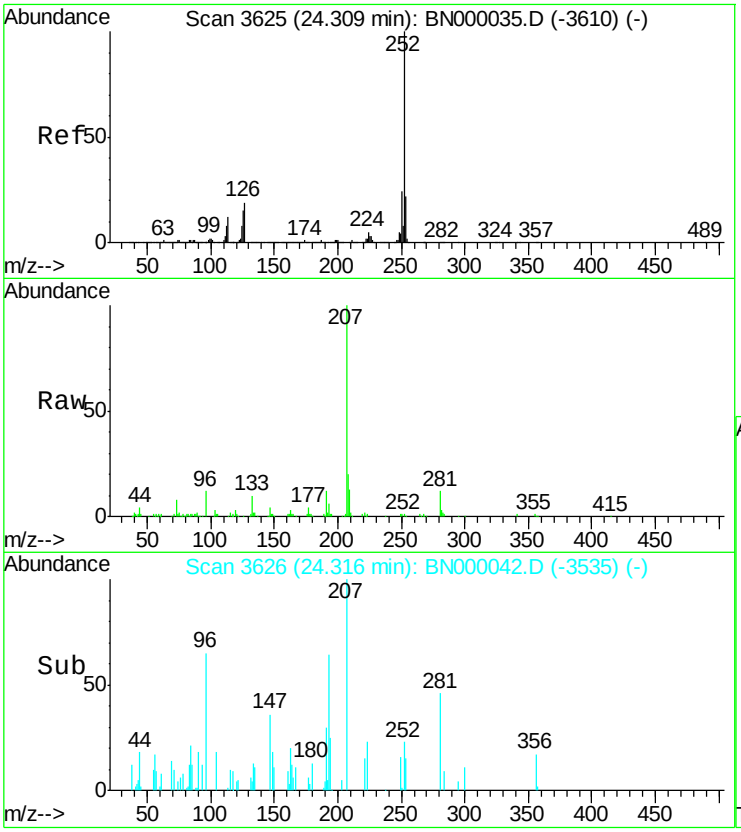


#88
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.72 min Scan# 3524
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:252 Resp: 514

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	139.4	6.6	9.8#



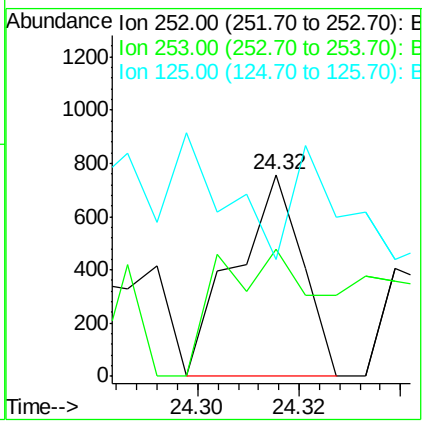


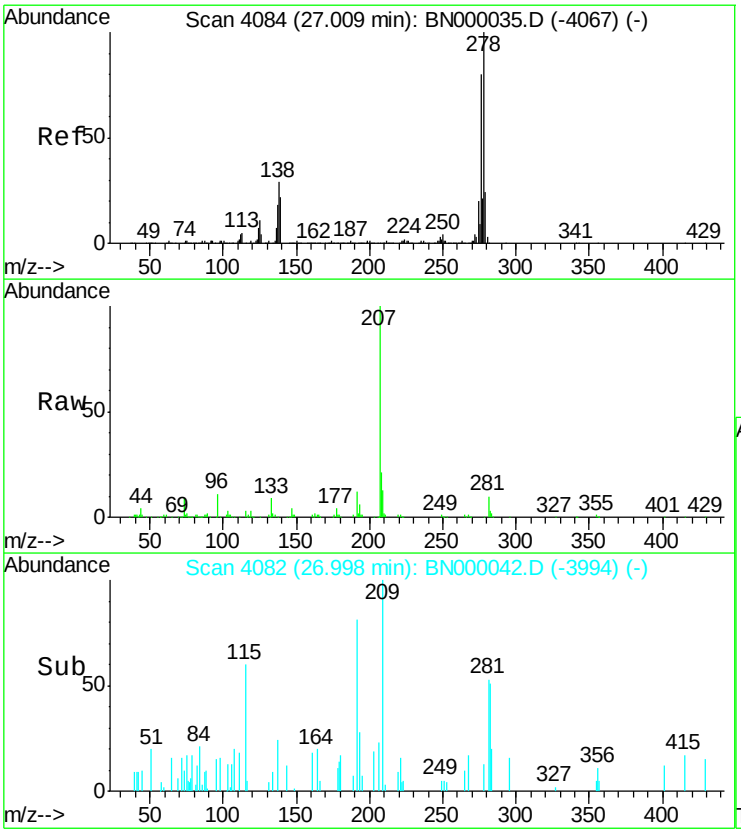
#89
Benzo(a)pyrene
Concen: 0.00 ng
RT: 24.32 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 698

Ion	Ratio	Lower	Upper
252	100		
253	63.2	18.3	27.5#
125	57.8	7.3	10.9#

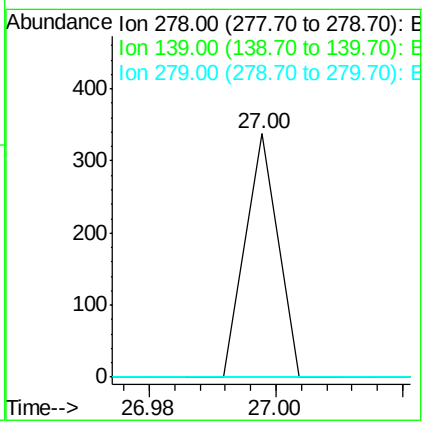


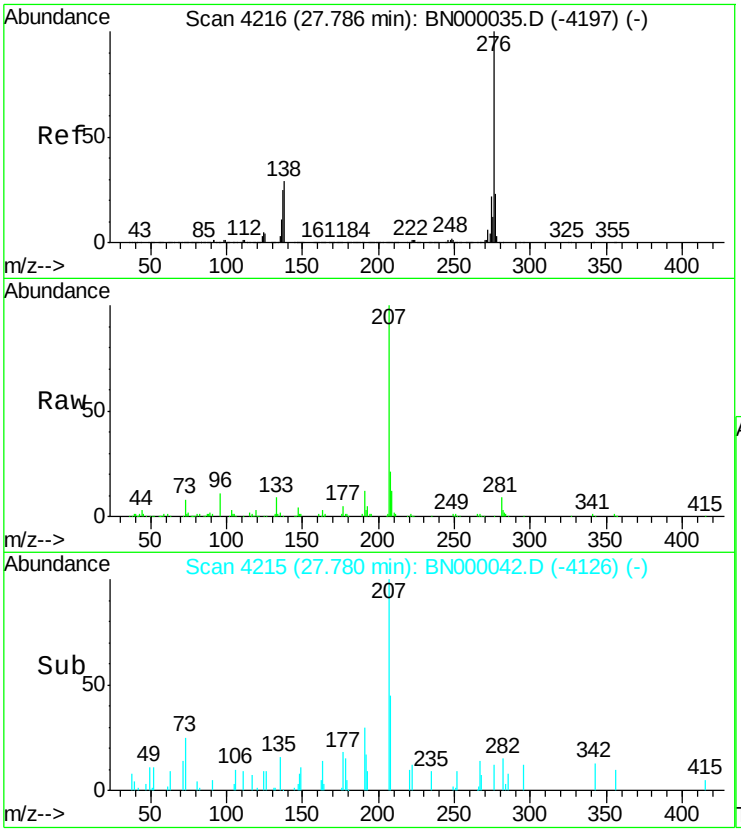


#90
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 27.00 min Scan# 4082
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:278 Resp: 119

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: 27.78 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 671

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