Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000027.D
Acq On : 06 Feb 2018 11:53
Operator :
Sample : MDL-W-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 07 03:13:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	294817	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1459345	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	902198	20.00	ng		-0.01
63) Phenanthrene-d10	17.80	188	2179273	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2546119	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2706652	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2923426	146.21	ng		0.00
7) Phenol-d6	7.59	99	4149368	136.62	ng		0.00
23) Nitrobenzene-d5	9.65	82	2014602	83.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1132370	124.86	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5560113	82.54	ng		-0.01
78) Terphenyl-d14	20.37	244	8838098	91.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	23619	2.986	ng	#	95
4) n-Nitrosodimethylamine	4.02	42	16923	2.398	ng	#	80
6) Aniline	7.78	93	103812	2.507	ng		92
8) 2-Chlorophenol	8.02	128	80630	3.645	ng		88
10) Phenol	7.62	94	113639	3.660	ng		94
11) bis(2-Chloroethyl)ether	7.88	93	72345	2.921	ng	#	84
12) 1,3-Dichlorobenzene	8.36	146	74503	3.034	ng		99
13) 1,4-Dichlorobenzene	8.51	146	77359	3.067	ng		95
14) 1,2-Dichlorobenzene	8.83	146	75153	3.016	ng		90
15) Benzyl Alcohol	8.70	79	53932	2.418	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.00	45	79818	2.980	ng		78
17) 2-Methylphenol	8.90	107	64168	2.866	ng		96
18) Hexachloroethane	9.58	117	24619	2.847	ng	#	74
19) n-Nitroso-di-n-propylamine	9.28	70	45258	2.211	ng	#	86
20) 3+4-Methylphenols	9.23	107	80010	2.552	ng		90
22) Acetophenone	9.30	105	115002	2.668	ng	#	89
24) Nitrobenzene	9.69	77	82190	3.175	ng		94
25) Isophorone	10.22	82	131228	2.296	ng		97
26) 2-Nitrophenol	10.41	139	16282	8.933	ng		94
27) 2,4-Dimethylphenol	10.45	122	83893	3.579	ng		91
28) bis(2-Chloroethoxy)methane	10.70	93	102243	3.101	ng		98
29) 2,4-Dichlorophenol	10.95	162	50942	2.533	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	70690	3.002	ng		98
31) Naphthalene	11.36	128	252367	3.083	ng	#	95
32) Benzoic acid	10.45	122	83893	12.735	ng	#	5
33) 4-Chloroaniline	11.46	127	97809	2.578	ng		95
34) Hexachlorobutadiene	11.64	225	35414	2.952	ng		94
36) 4-Chloro-3-methylphenol	12.54	107	61505	2.249	ng		89
37) 2-Methylnaphthalene	12.94	142	170142	2.942	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	78941	3.004	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	23632	2.692	ng		99
42) 2,4,6-Trichlorophenol	13.52	196	31162	2.006	ng		93
45) 1,1'-Biphenyl	13.93	154	259923	3.224	ng		97
46) 2-Chloronaphthalene	13.97	162	181867	3.005	ng		98

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000027.D
Acq On : 06 Feb 2018 11:53
Operator :
Sample : MDL-W-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 07 03:13:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	14.16	65	27035	8.661	ng		96
48) Acenaphthylene	14.81	152	252375	2.484	ng		98
49) Dimethylphthalate	14.52	163	212490	2.635	ng		98
50) 2,6-Dinitrotoluene	14.64	165	24157	6.937	ng	#	84
51) Acenaphthene	15.15	154	185527	2.893	ng		96
52) 3-Nitroaniline	14.97	138	31065	7.474	ng		94
53) 2,4-Dinitrophenol	15.17	184	6320	6.414	ng	#	19
54) Dibenzofuran	15.47	168	300721	3.268	ng		93
55) 4-Nitrophenol	15.24	139	19881	8.133	ng		91
56) 2,4-Dinitrotoluene	15.42	165	30602	8.368	ng	#	94
57) Fluorene	16.12	166	233416	3.012	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	31089	2.087	ng	#	79
59) Diethylphthalate	15.86	149	206879	2.456	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	107254	3.132	ng		90
61) 4-Nitroaniline	16.11	138	32962	7.493	ng		97
62) Azobenzene	16.39	77	209645	2.490	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	9149	9.891	ng		85
65) n-Nitrosodiphenylamine	16.31	169	188308	2.644	ng		95
66) 4-Bromophenyl-phenylether	16.99	248	59764	2.931	ng	#	88
67) Hexachlorobenzene	17.11	284	71572	3.046	ng	#	87
68) Atrazine	17.23	200	48092	2.215	ng		94
70) Phenanthrene	17.85	178	423763	3.232	ng		98
71) Anthracene	17.93	178	365784	2.816	ng		99
72) Carbazole	18.19	167	349217	2.598	ng	#	95
74) Fluoranthene	19.83	202	411116	2.761	ng		96
77) Pyrene	20.19	202	459057	2.858	ng		98
79) Butylbenzylphthalate	21.05	149	82119	6.098	ng	#	92
80) Benzo(a)anthracene	21.92	228	468355	2.967	ng		97
82) Chrysene	21.97	228	504331	3.217	ng		98
85) Indeno(1,2,3-cd)pyrene	27.00	276	519900	2.571	ng	#	85
87) Benzo(b)fluoranthene	23.67	252	458673	2.850	ng	#	95
88) Benzo(k)fluoranthene	23.72	252	462900	2.869	ng	#	94
89) Benzo(a)pyrene	24.32	252	417796	2.672	ng	#	93
90) Dibenzo(a,h)anthracene	27.02	278	448489	2.741	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	453539	2.727	ng	#	90

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

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Instrument :
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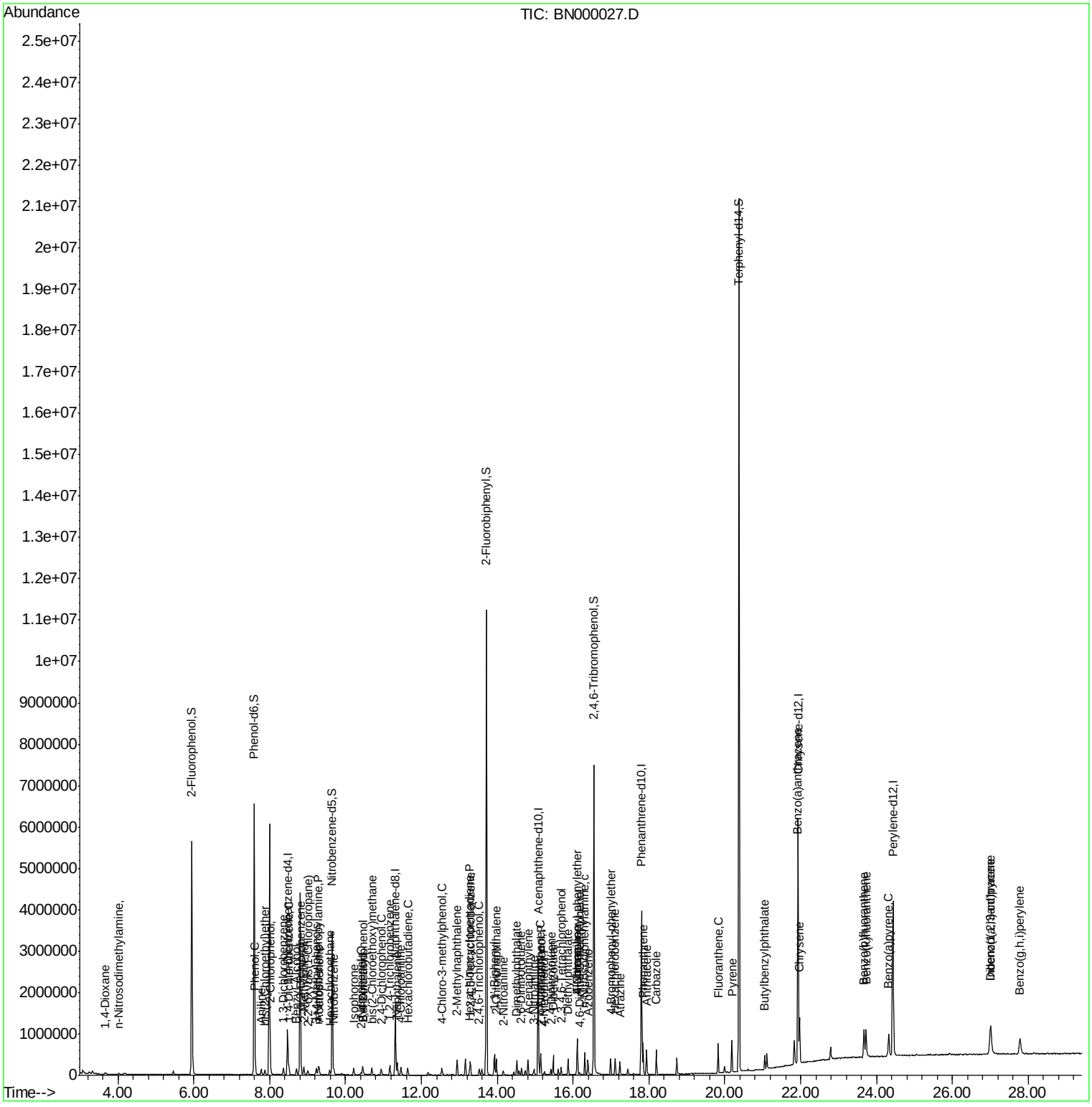
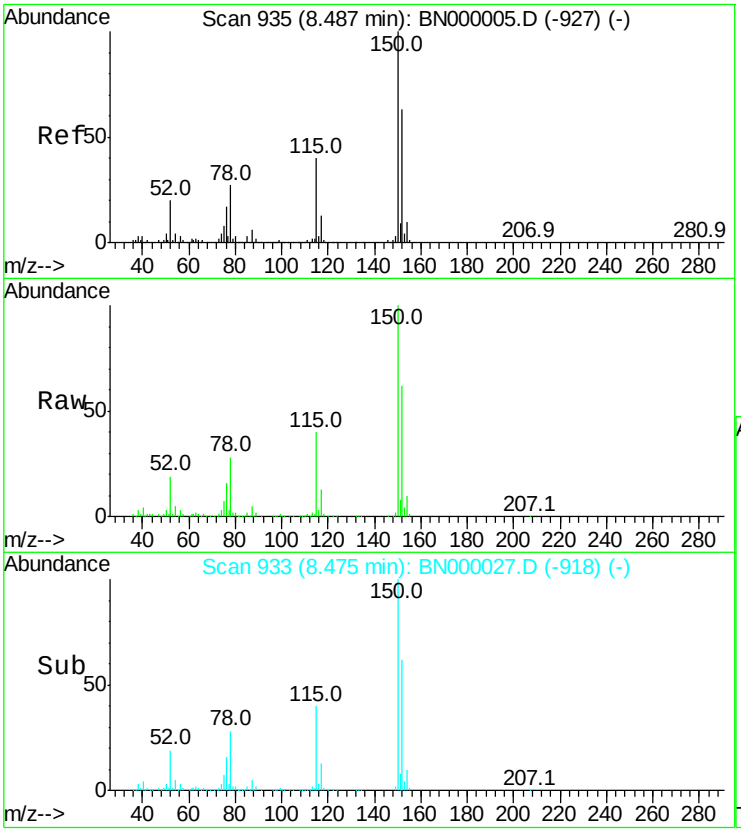


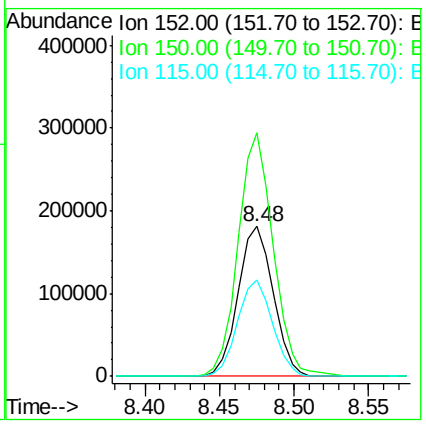


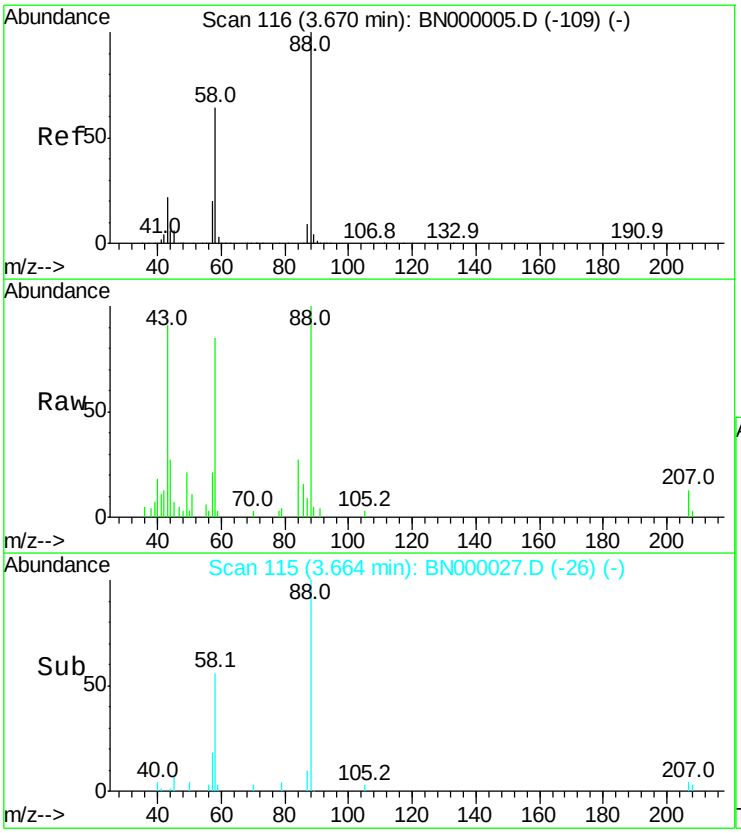
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 294817

Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	64.7	53.0	79.4

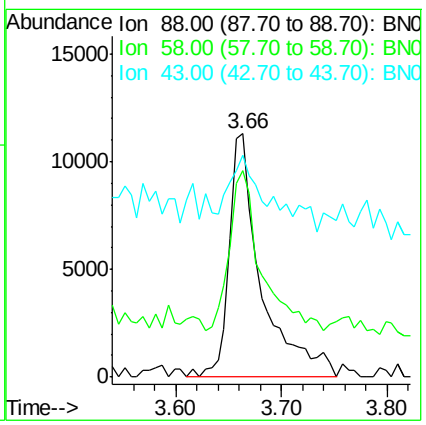


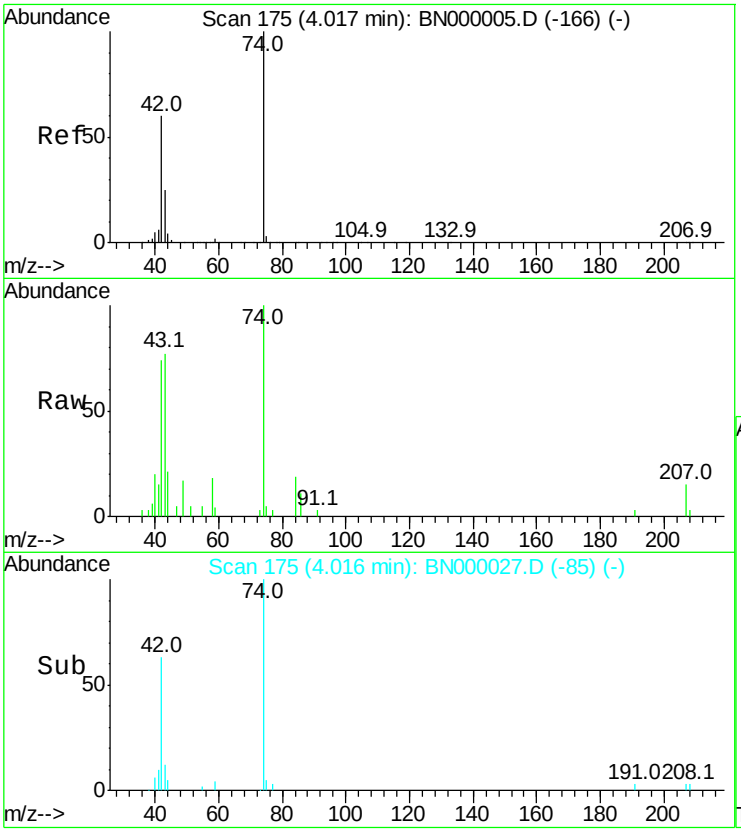


#2
1,4-Dioxane
Concen: 2.986 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 88 Resp: 23619

Ion	Ratio	Lower	Upper
88	100		
58	64.5	52.0	78.0
43	16.4	20.0	30.0#



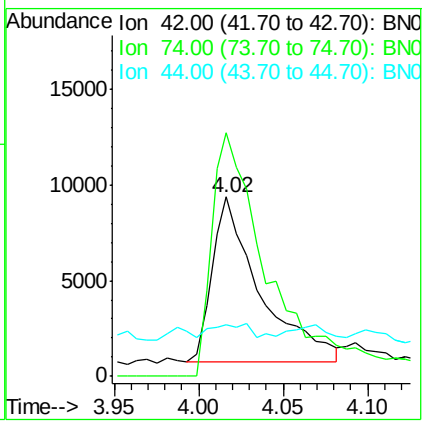


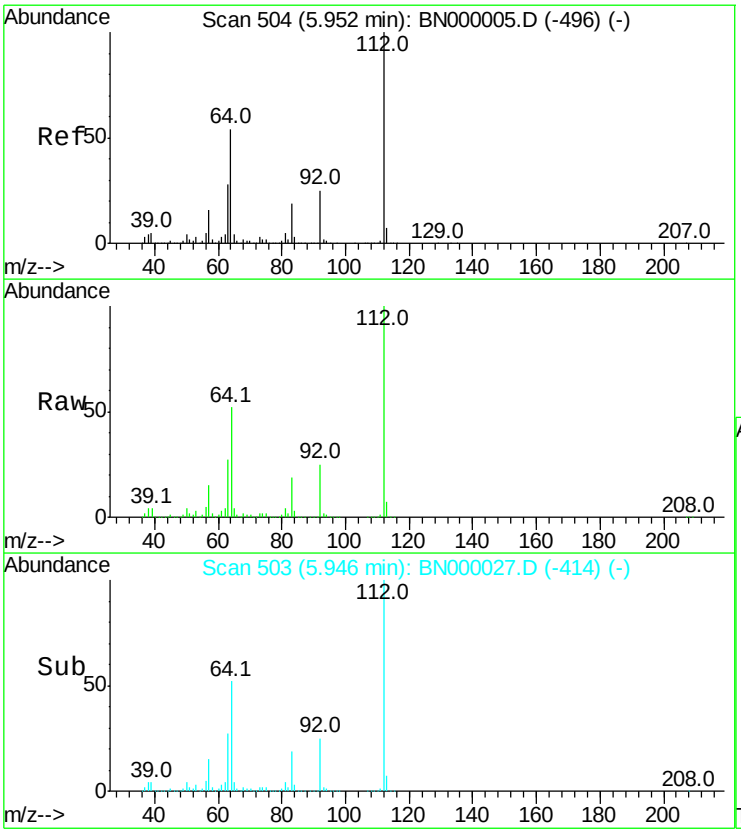
#4
n-Nitrosodimethylamine
Concen: 2.398 ng
RT: 4.02 min Scan# 175
Delta R.T. -0.00 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 16923

Ion	Ratio	Lower	Upper
42	100		
74	135.8	128.0	192.0
44	28.8	12.0	18.0#

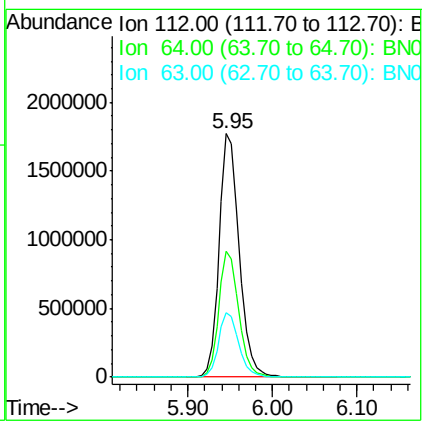


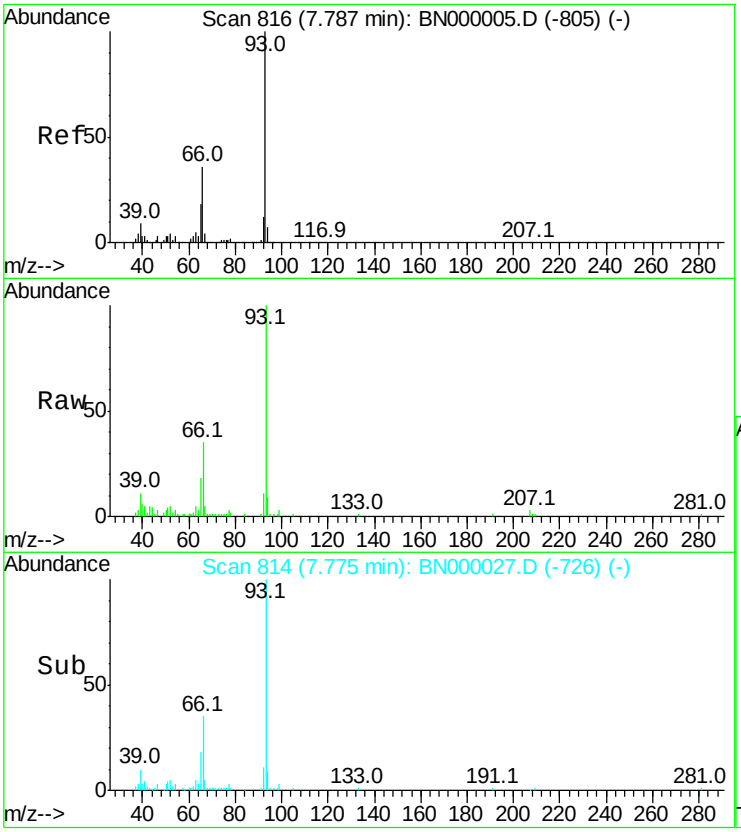


#5
2-Fluorophenol
Concen: 146.206 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:112 Resp: 2923426

Ion	Ratio	Lower	Upper
112	100		
64	51.6	56.3	84.5#
63	26.5	30.1	45.1#



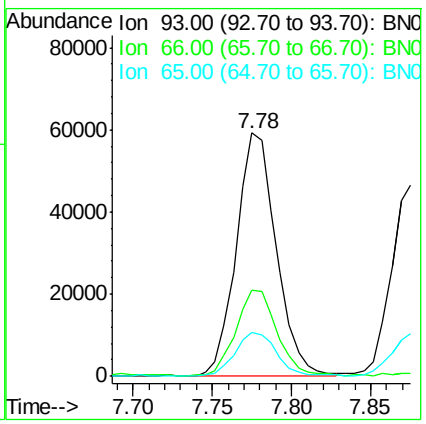


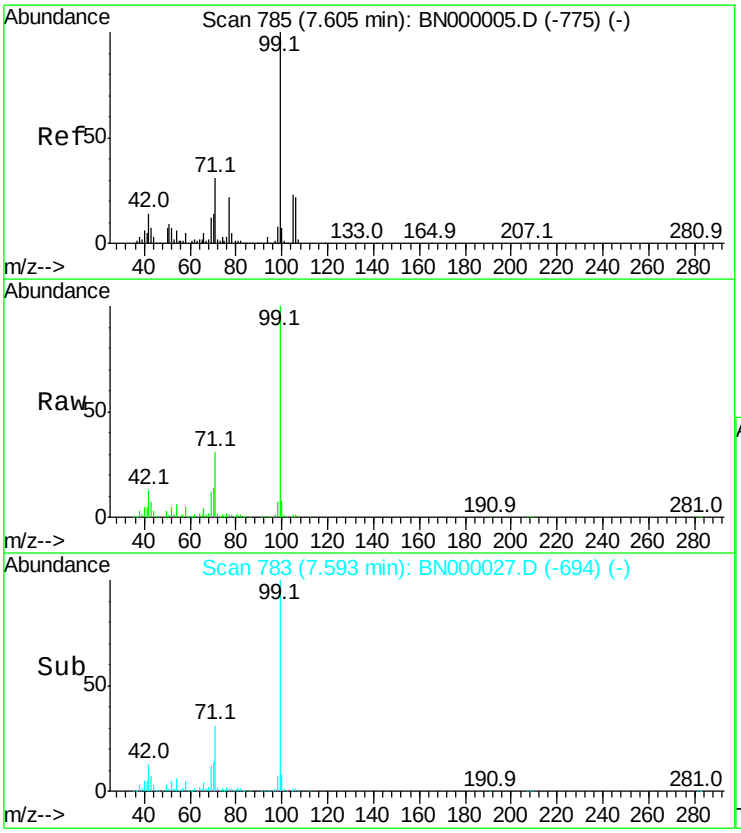
#6
Aniline
Concen: 2.507 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 103812

Ion	Ratio	Lower	Upper
93	100		
66	35.4	33.7	50.5
65	18.3	16.1	24.1

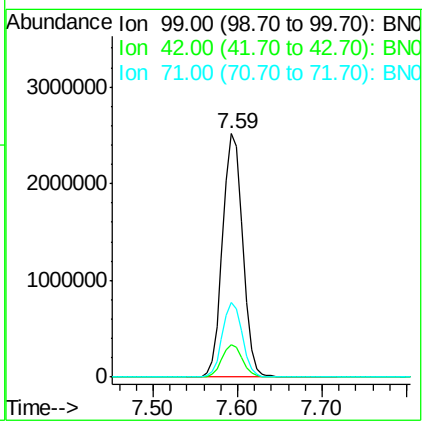


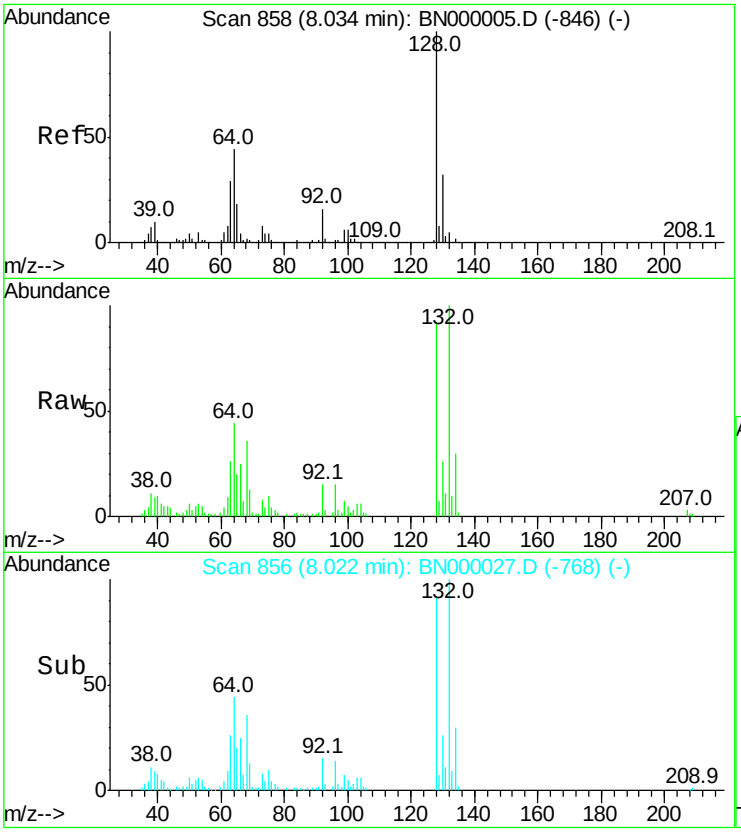


#7
Phenol-d6
Concen: 136.618 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 99 Resp: 4149368

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.1	21.1#
71	30.7	26.1	39.1



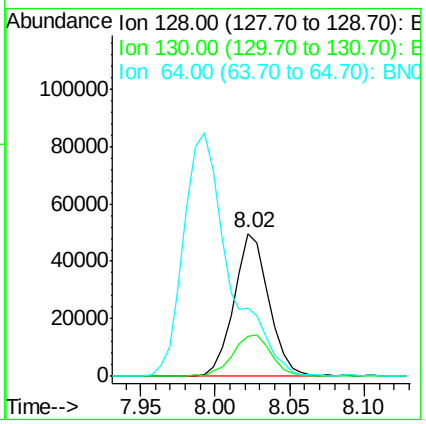


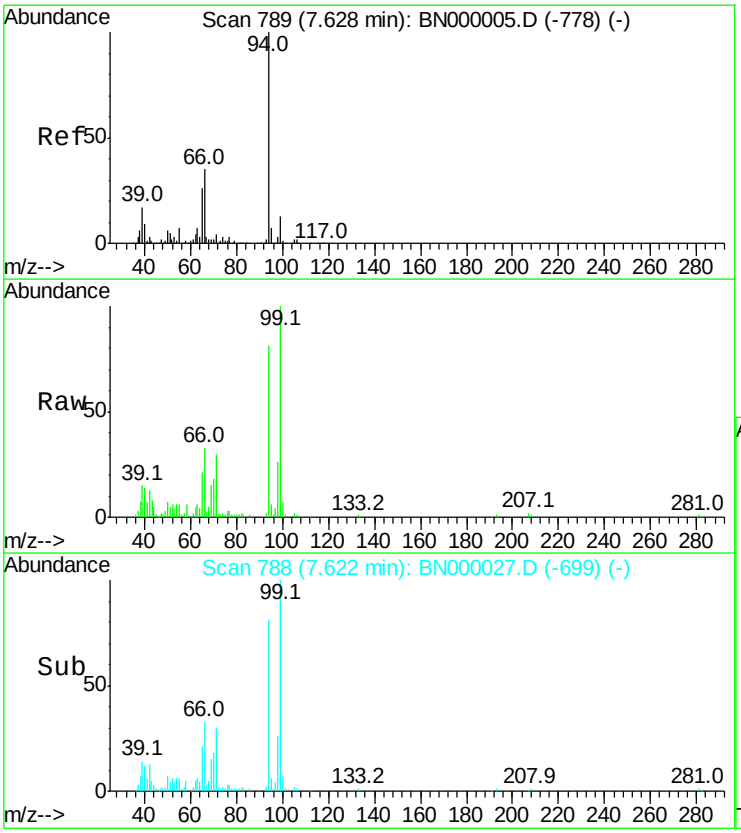
#8
2-Chlorophenol
Concen: 3.645 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 80630

Ion	Ratio	Lower	Upper
128	100		
130	28.4	14.0	54.0
64	47.5	37.7	77.7

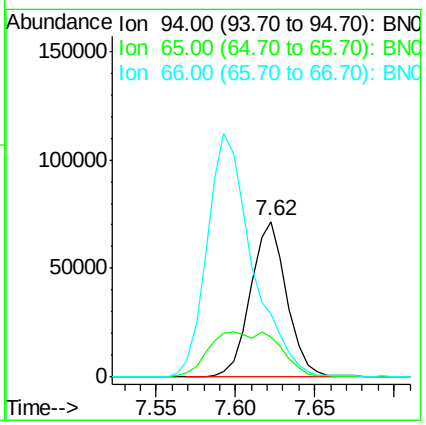


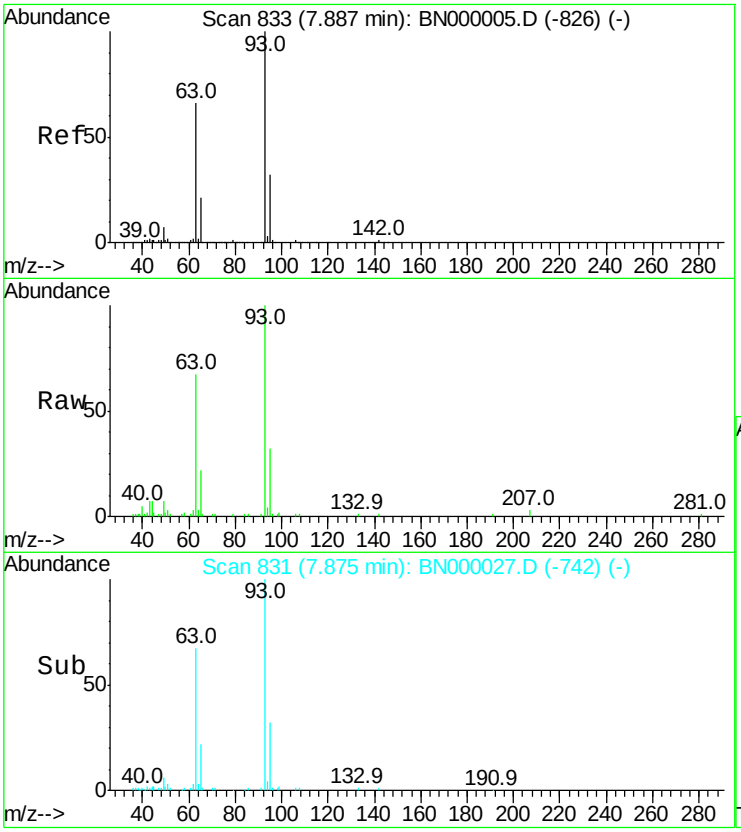


#10
Phenol
Concen: 3.660 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 94 Resp: 113639

Ion	Ratio	Lower	Upper
94	100		
65	26.1	11.9	51.9
66	40.7	22.2	62.2



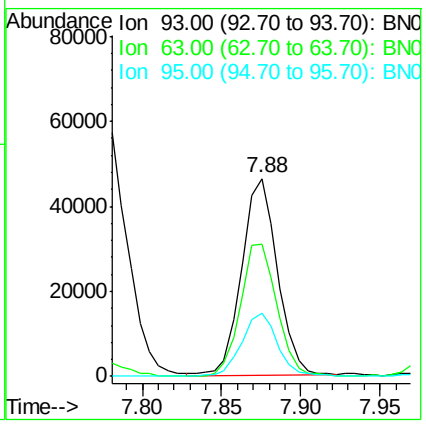


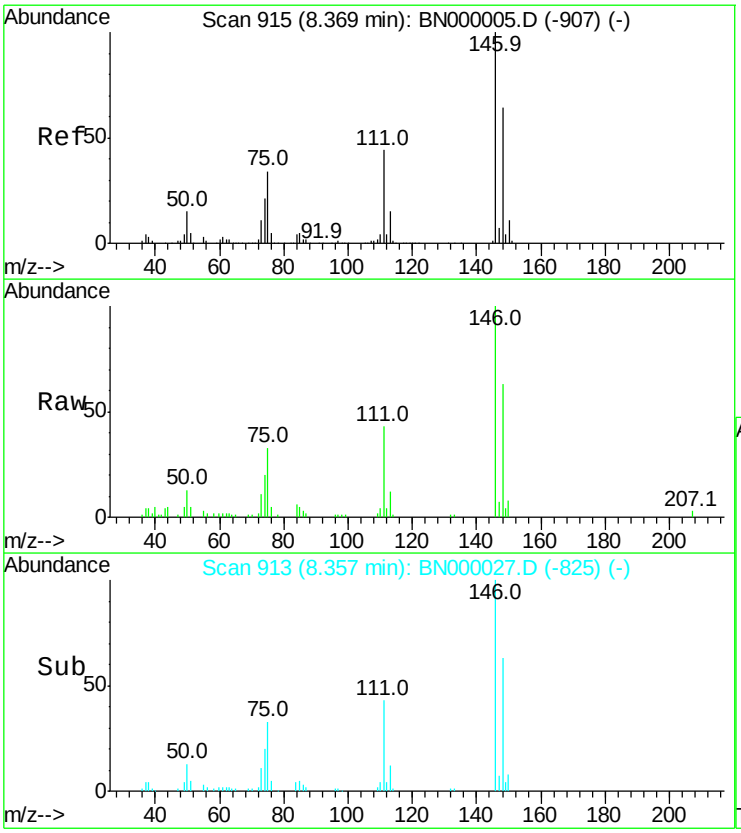
#11
bis(2-Chloroethyl)ether
Concen: 2.921 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 72345

Ion	Ratio	Lower	Upper
93	100		
63	67.0	67.1	107.1#
95	32.1	11.5	51.5

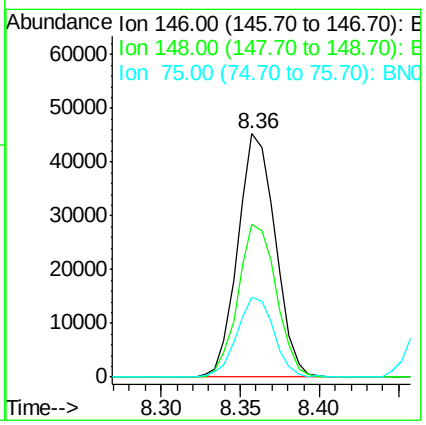


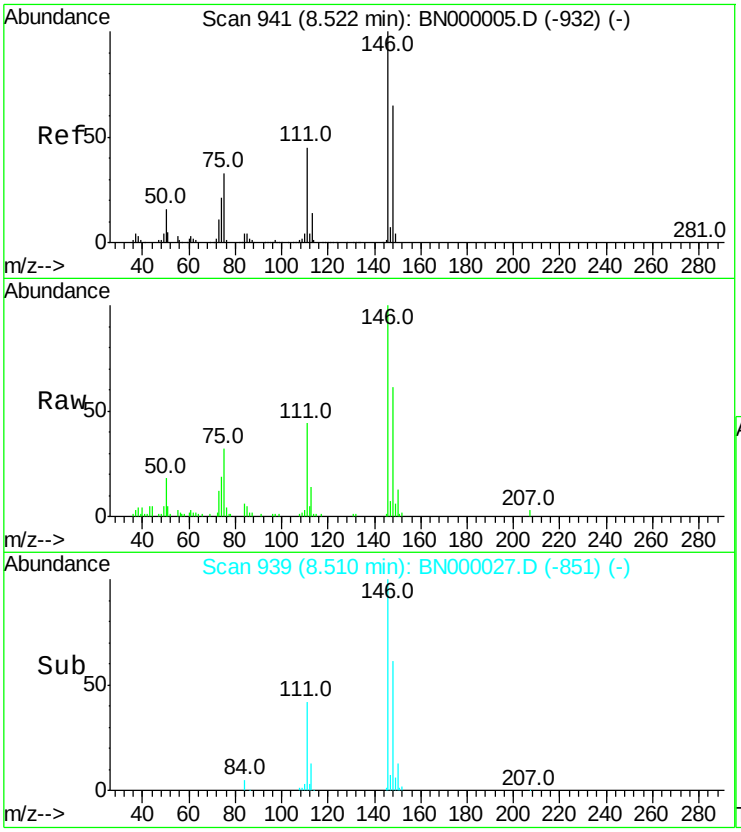


#12
1,3-Dichlorobenzene
Concen: 3.034 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:146 Resp: 74503

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	33.0	26.6	39.8



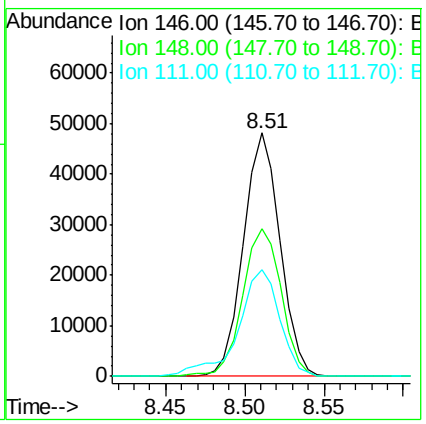


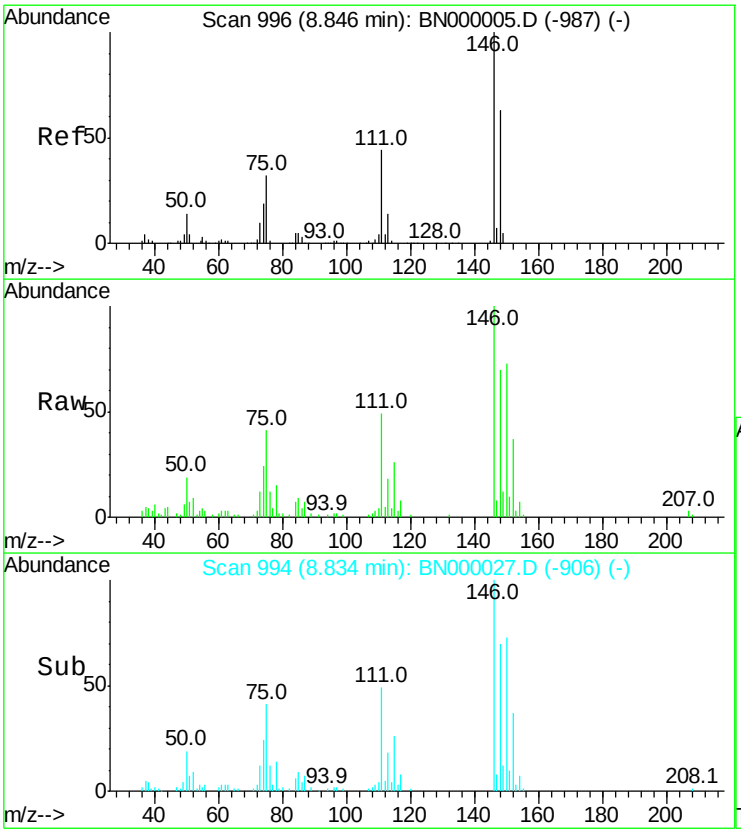
#13
1,4-Dichlorobenzene
Concen: 3.067 ng
RT: 8.51 min Scan# 939
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 77359

Ion	Ratio	Lower	Upper
146	100		
148	60.7	53.7	80.5
111	43.7	35.2	52.8

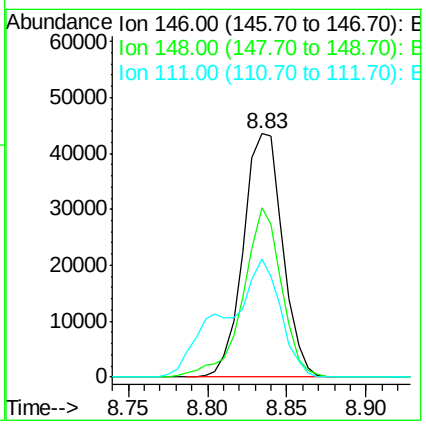


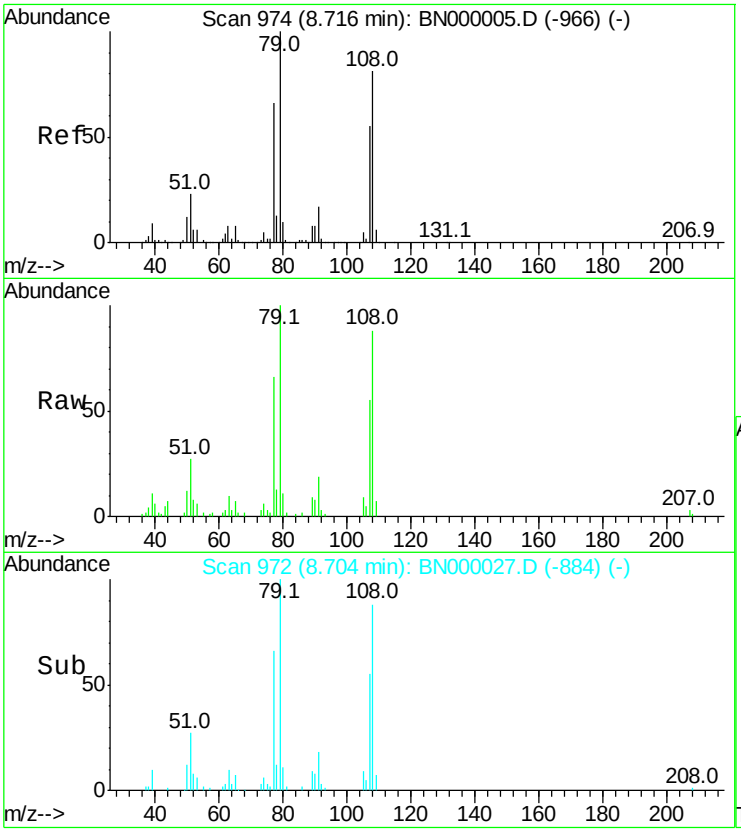


#14
1,2-Dichlorobenzene
Concen: 3.016 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:146 Resp: 75153

Ion	Ratio	Lower	Upper
146	100		
148	69.7	49.3	73.9
111	48.7	34.3	51.5



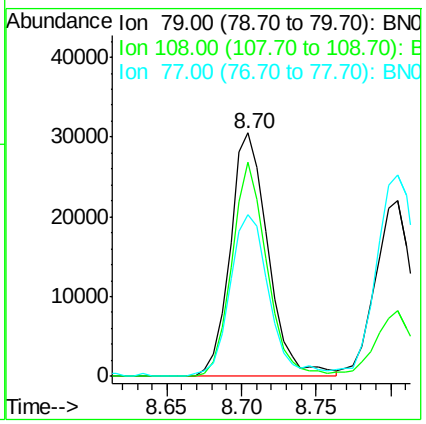


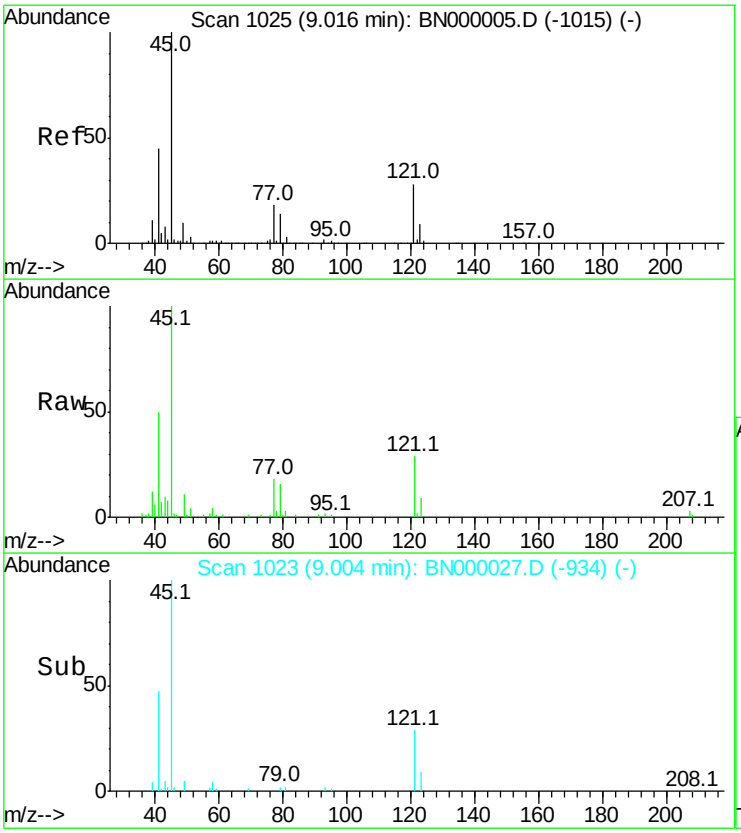
#15
Benzyl Alcohol
Concen: 2.418 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 53932

Ion	Ratio	Lower	Upper
79	100		
108	88.0	57.2	85.8#
77	66.4	46.1	69.1

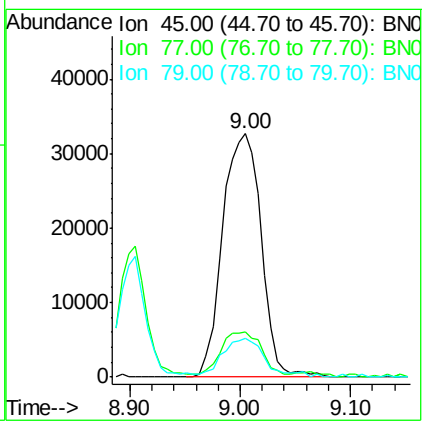


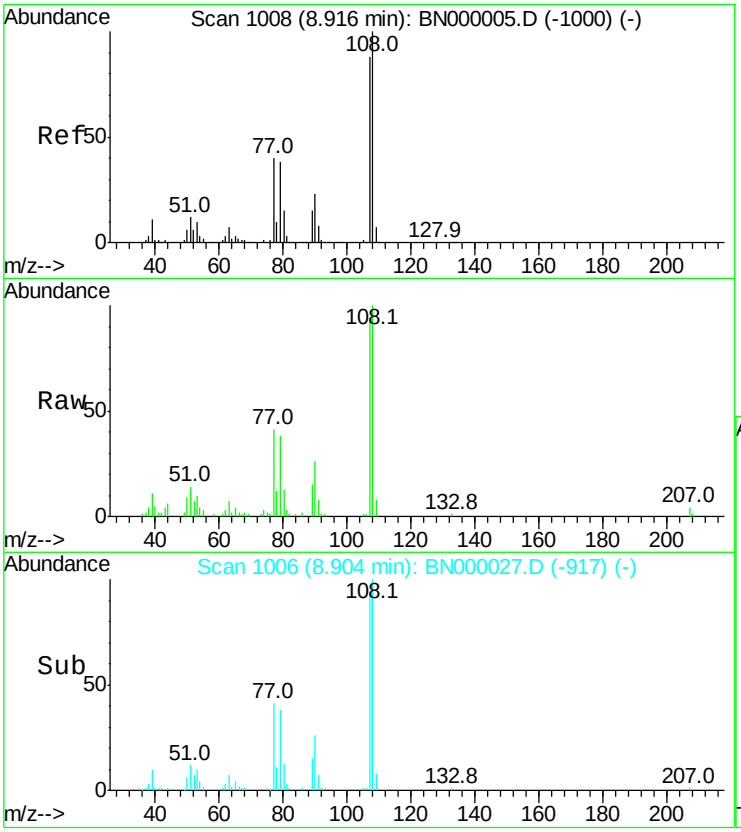


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.980 ng
RT: 9.00 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 45 Resp: 79818

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	30.2
79	15.8	0.0	27.9



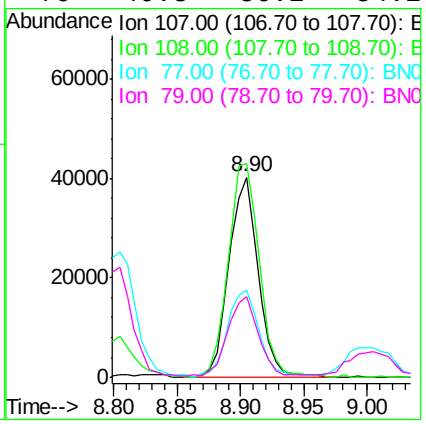


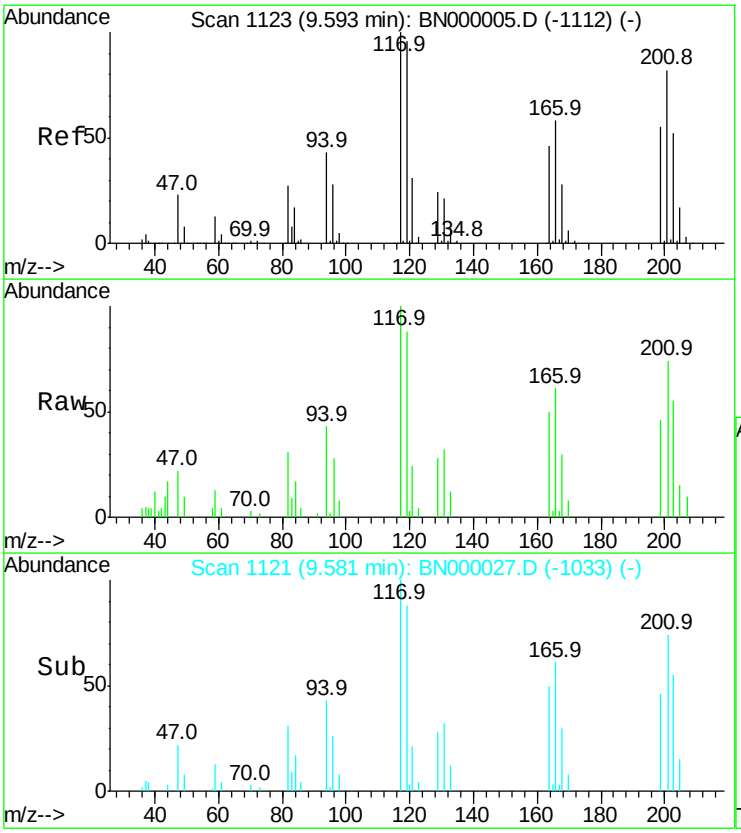
#17
2-Methylphenol
Concen: 2.866 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 64168

Ion	Ratio	Lower	Upper
107	100		
108	106.6	83.9	125.9
77	43.7	37.2	55.8
79	40.3	36.2	54.2

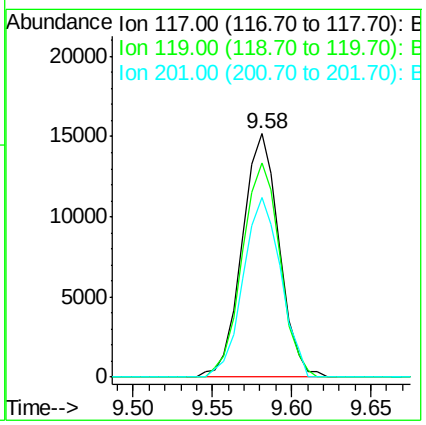


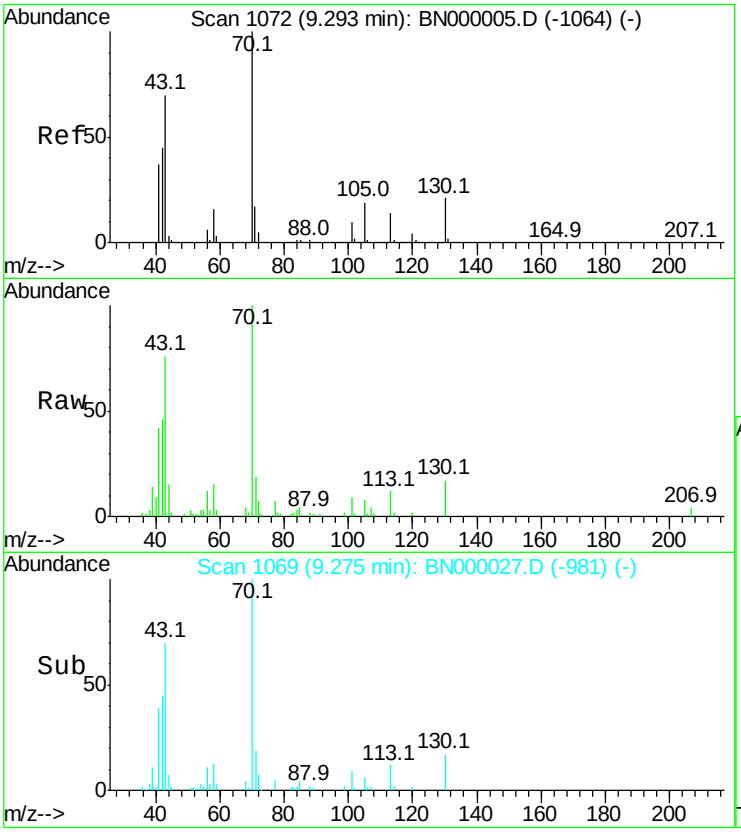


#18
Hexachloroethane
Concen: 2.847 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:117 Resp: 24619

Ion	Ratio	Lower	Upper
117	100		
119	88.2	76.7	115.1
201	73.7	95.7	143.5#



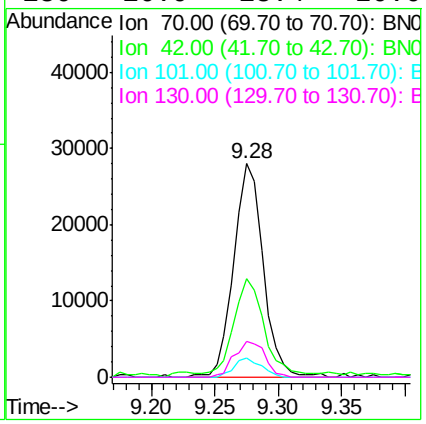


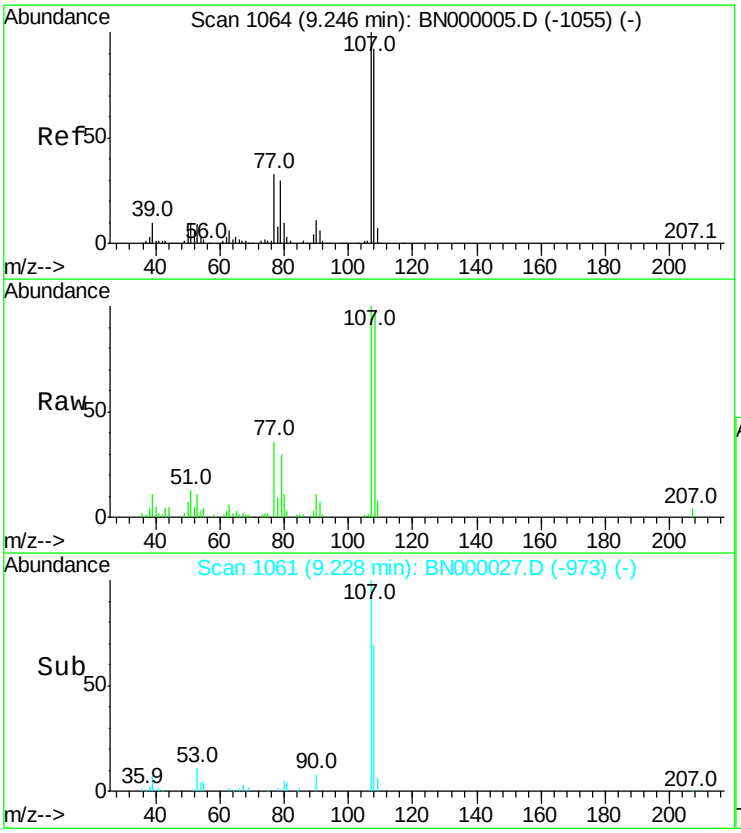
#19
n-Nitroso-di-n-propylamine
Concen: 2.211 ng
RT: 9.28 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 45258

Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.1	73.7#
101	9.0	8.5	12.7
130	16.9	13.4	20.0

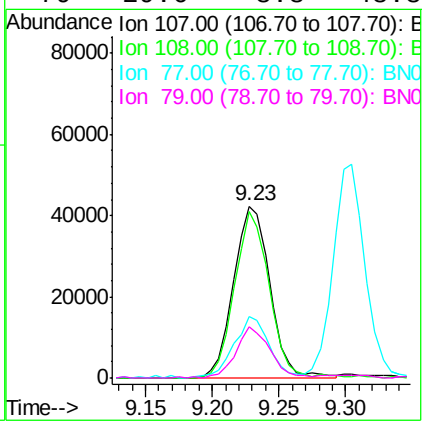


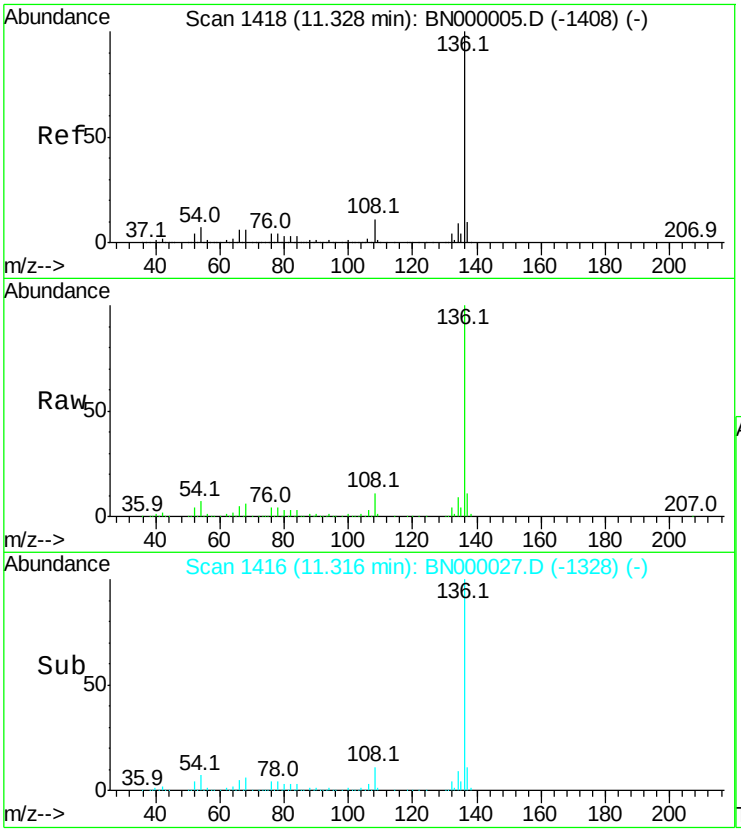


#20
3+4-Methylphenols
Concen: 2.552 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:107 Resp: 80010

Ion	Ratio	Lower	Upper
107	100		
108	96.6	61.6	101.6
77	35.6	13.9	53.9
79	29.6	8.8	48.8



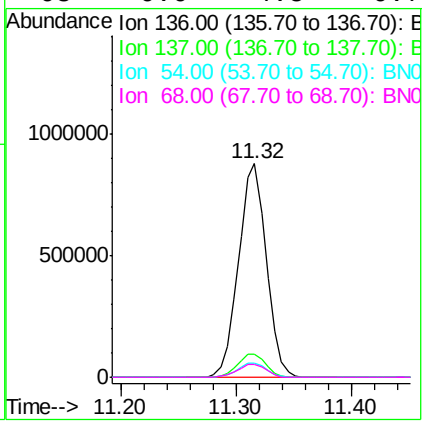


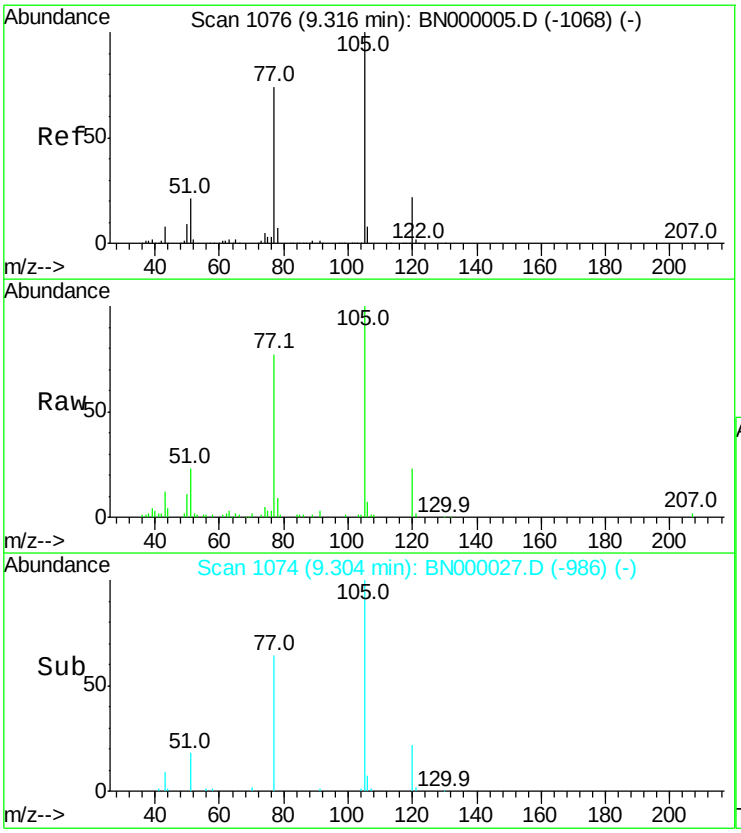
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 1459345

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	10.3	15.5#
68	6.0	4.5	6.7

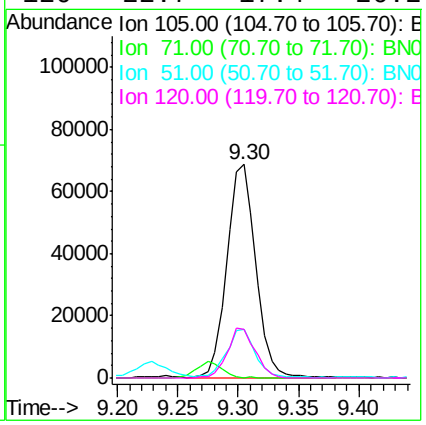


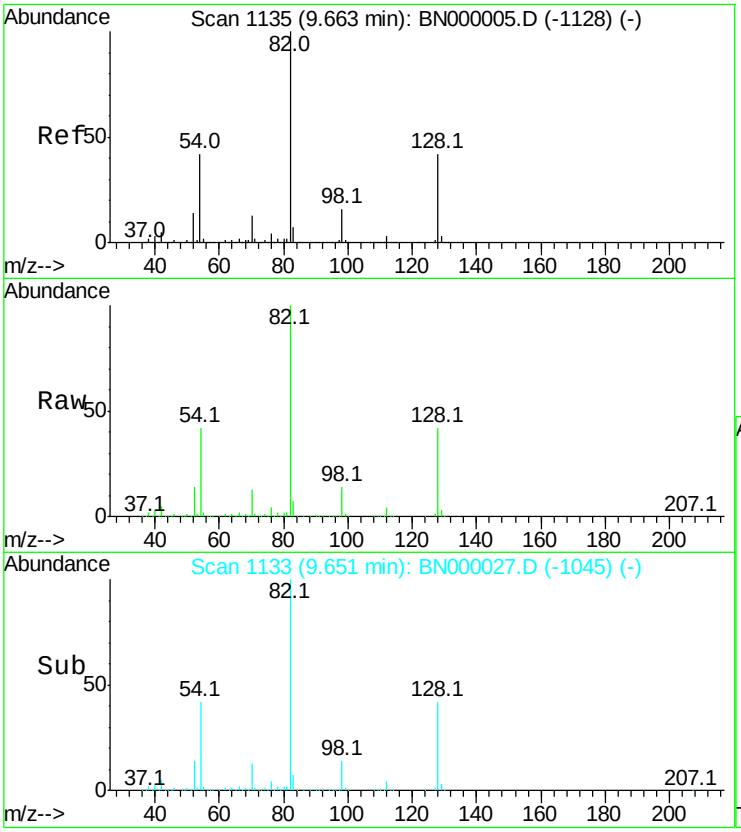


#22
Acetophenone
Concen: 2.668 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:105 Resp: 115002

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	22.7	26.1	39.1#
120	22.7	17.4	26.2



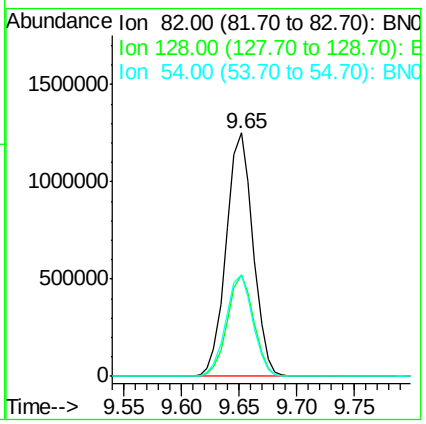


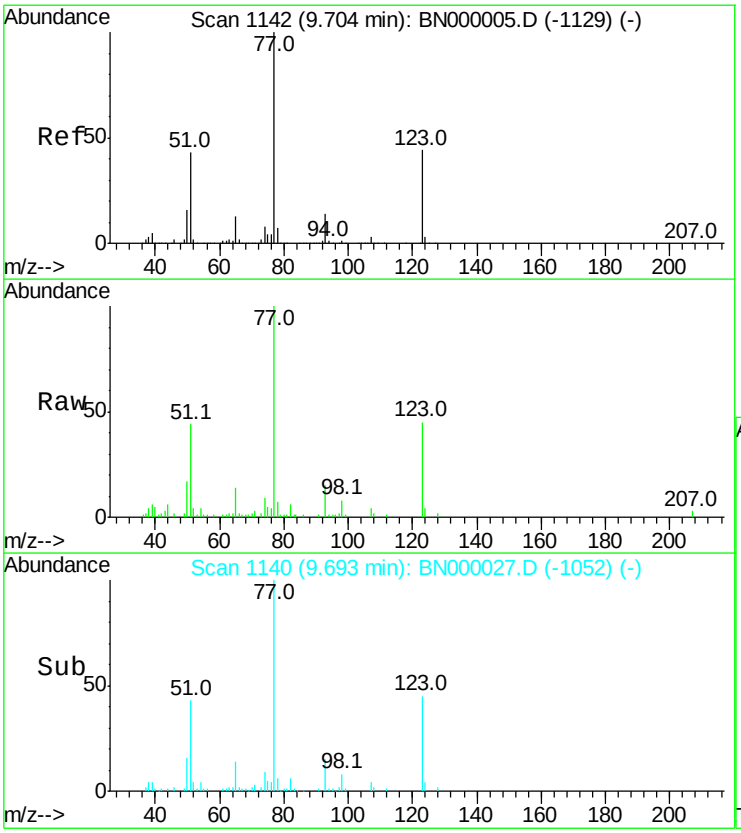
#23
Nitrobenzene-d5
Concen: 83.477 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 2014602

Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.7	44.5
54	41.7	43.1	64.7#

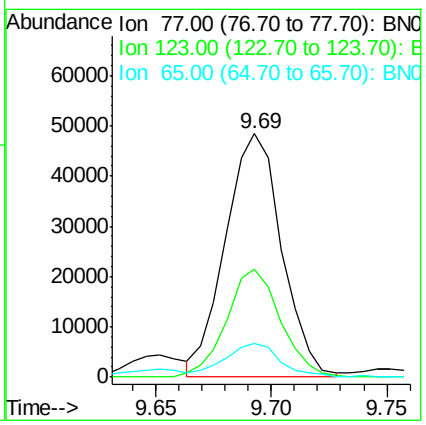


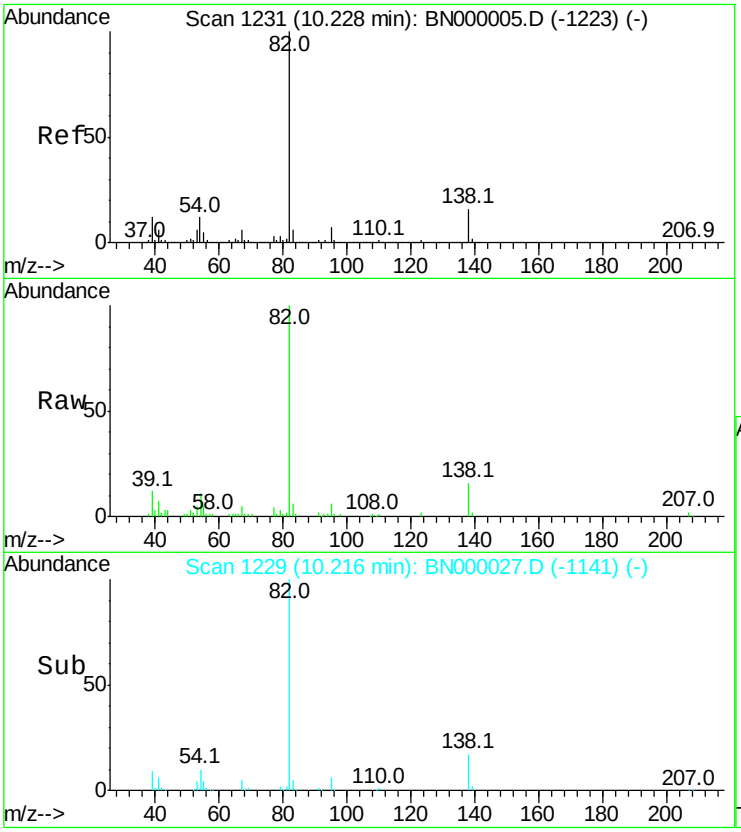


#24
Nitrobenzene
Concen: 3.175 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 77 Resp: 82190

Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.0	49.6
65	13.6	13.0	19.6



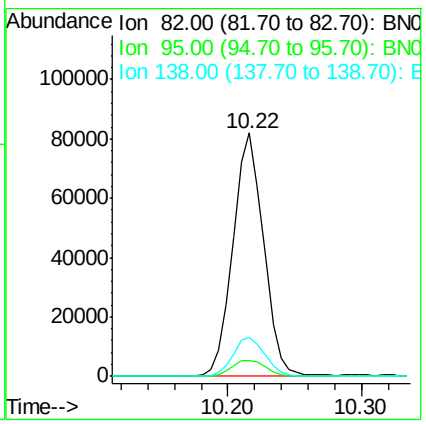


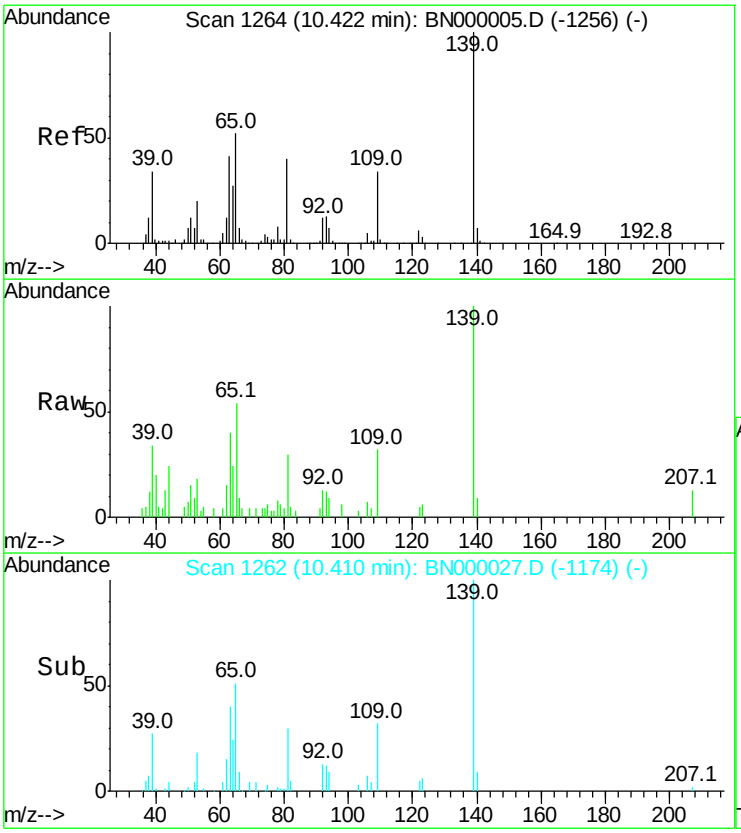
#25
Isophorone
Concen: 2.296 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 131228

Ion	Ratio	Lower	Upper
82	100		
95	6.3	6.2	9.2
138	16.2	12.1	18.1

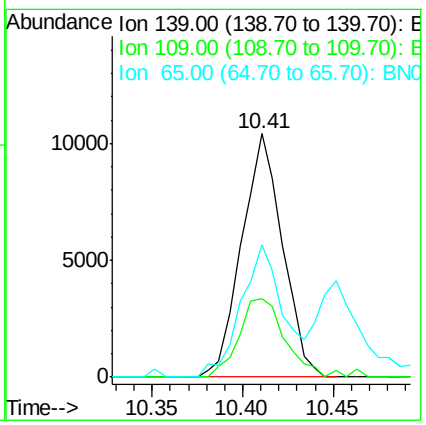


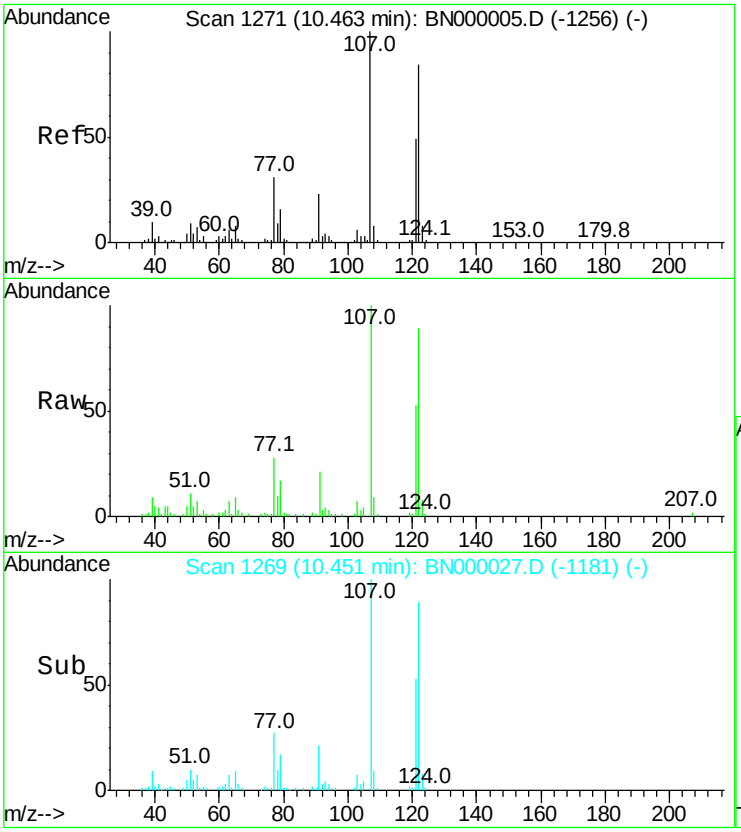


#26
2-Nitrophenol
Concen: 8.933 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:139 Resp: 16282

Ion	Ratio	Lower	Upper
139	100		
109	32.4	24.2	36.2
65	54.5	47.4	71.0



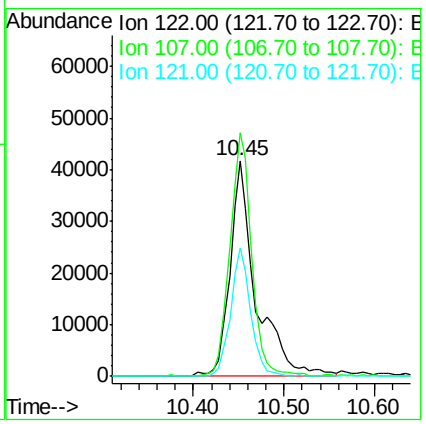


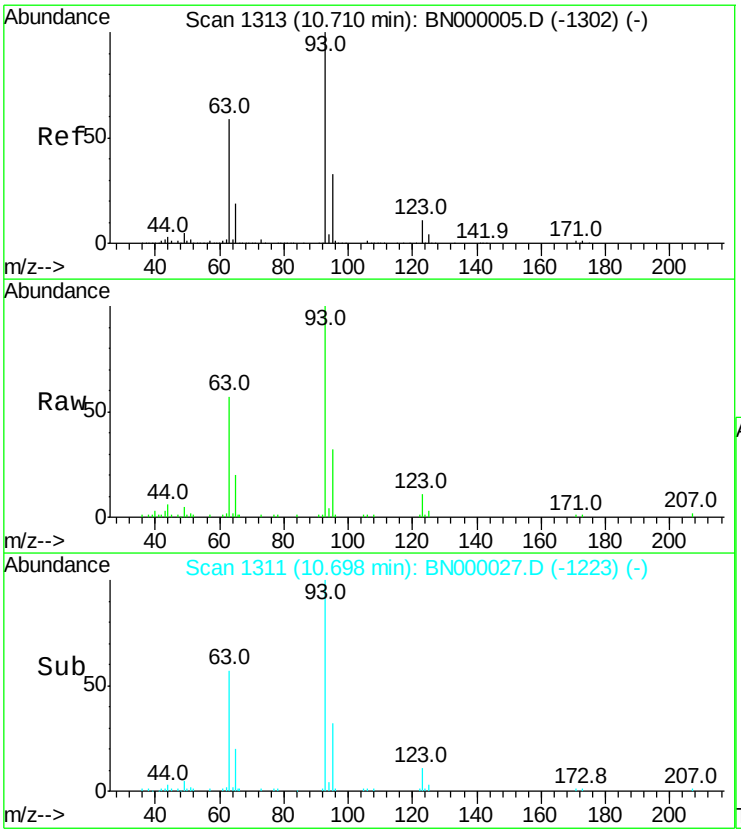
#27
2,4-Dimethylphenol
Concen: 3.579 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 83893

Ion	Ratio	Lower	Upper
122	100		
107	112.8	100.2	150.2
121	59.4	44.4	66.6

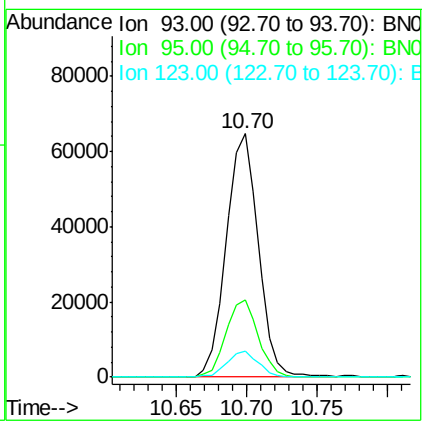


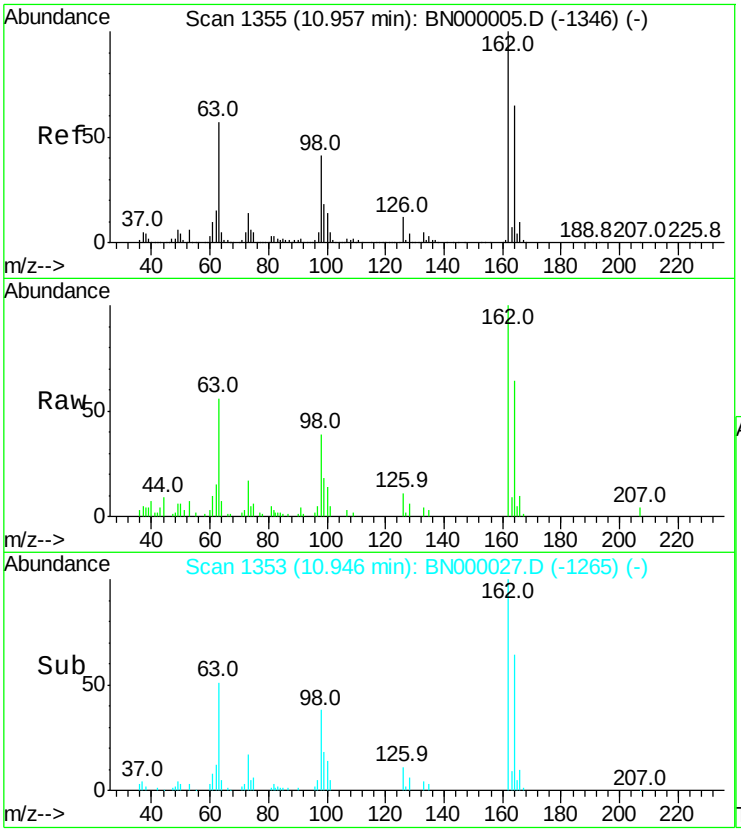


#28
bis(2-Chloroethoxy)methane
Concen: 3.101 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 93 Resp: 102243

Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	10.6	8.4	12.6



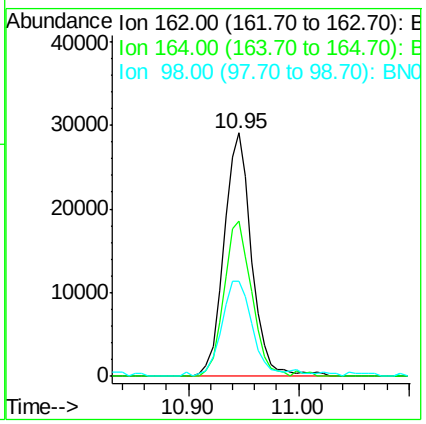


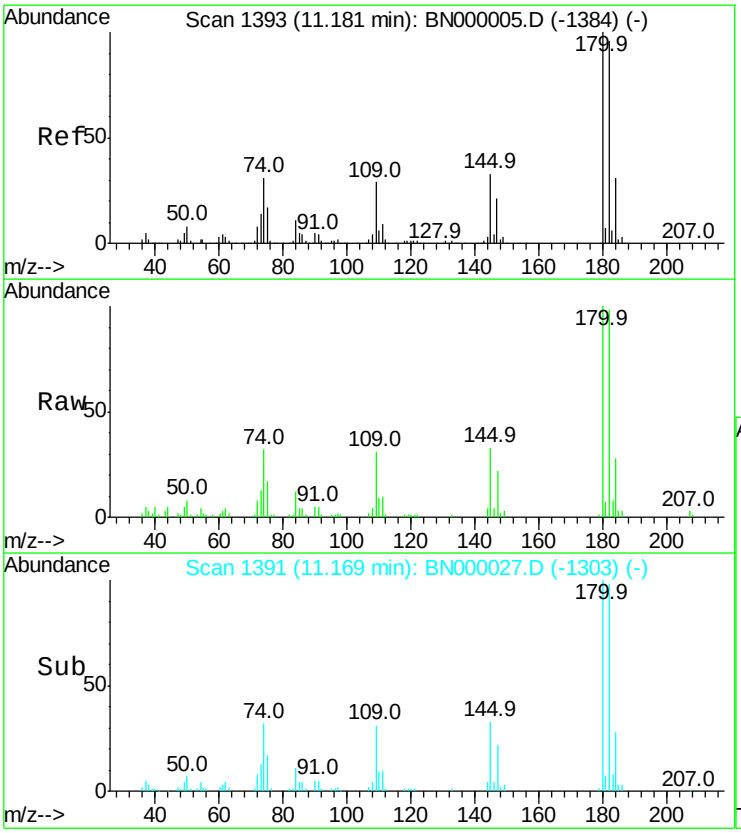
#29
2,4-Dichlorophenol
Concen: 2.533 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:162 Resp: 50942

Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.0	88.0
98	39.2	21.1	61.1

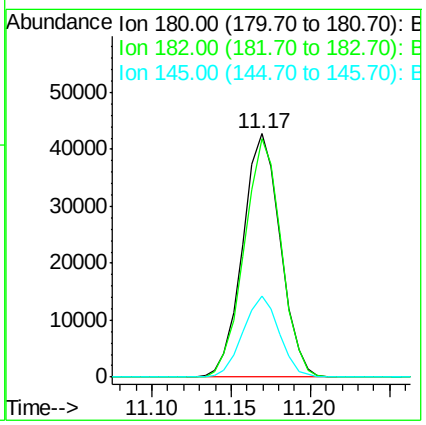


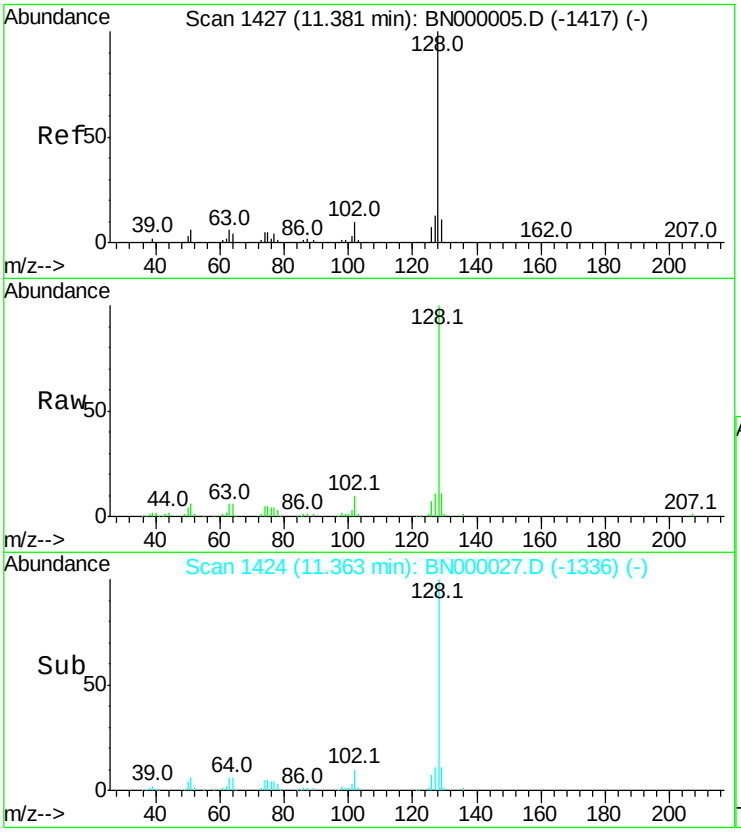


#30
1,2,4-Trichlorobenzene
Concen: 3.002 ng
RT: 11.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:180 Resp: 70690

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.5	116.3
145	33.3	23.4	35.2



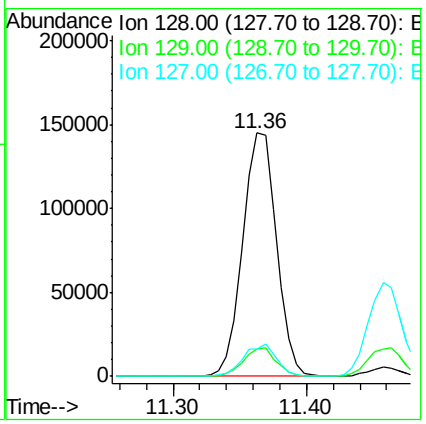


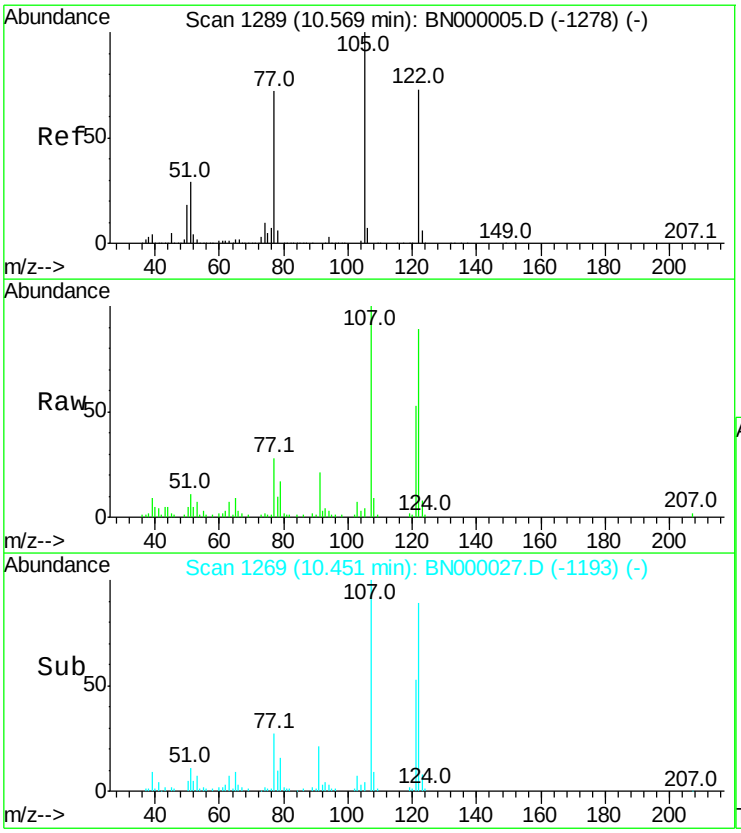
#31
Naphthalene
Concen: 3.083 ng
RT: 11.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 252367

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	11.3	11.6	17.4#

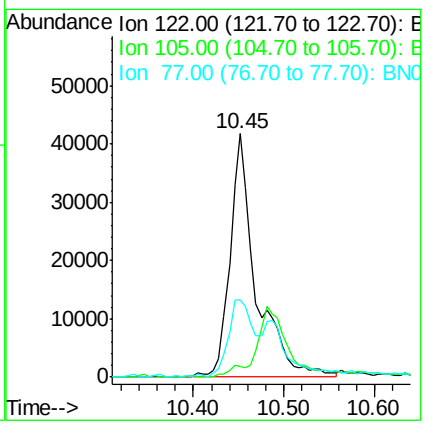


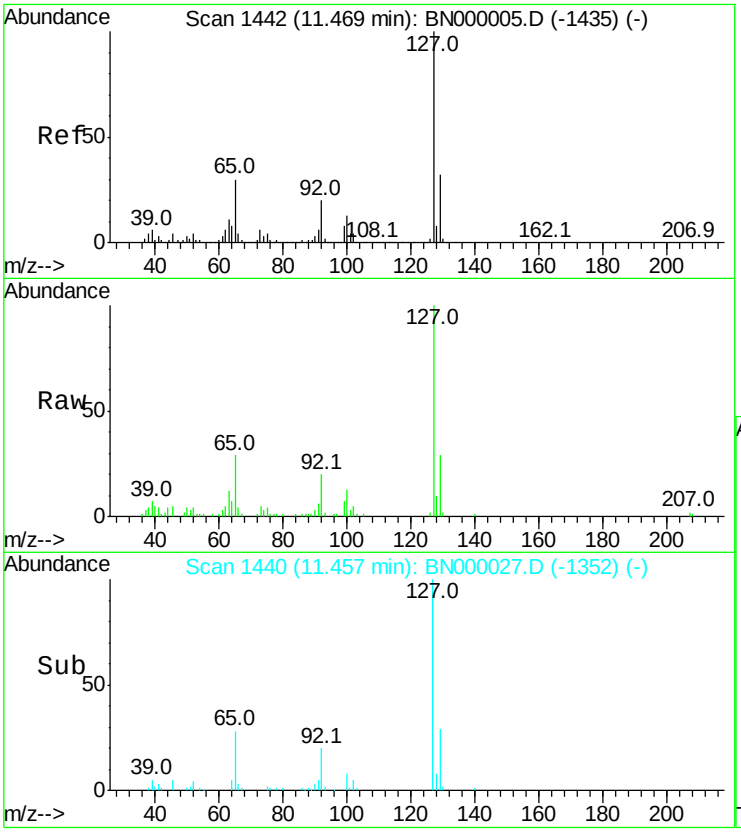


#32
Benzoic acid
Concen: 12.735 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.08 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:122 Resp: 83893

Ion	Ratio	Lower	Upper
122	100		
105	4.3	123.5	163.5#
77	31.8	85.7	125.7#



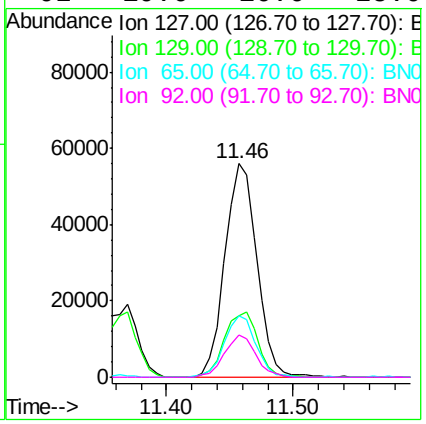


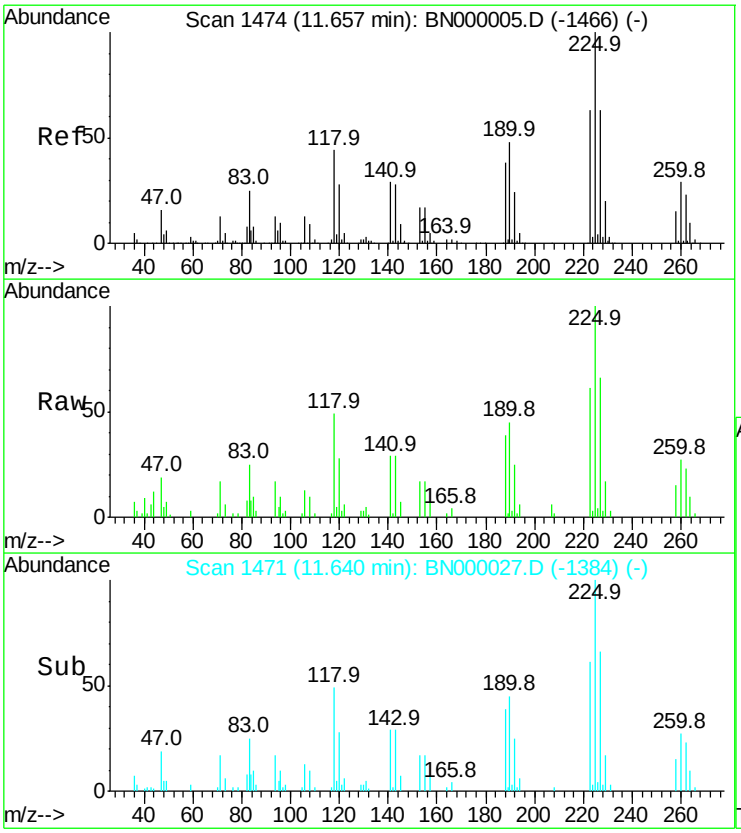
#33
4-Chloroaniline
Concen: 2.578 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:127 Resp: 97809

Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	28.9	27.0	40.4
92	19.6	16.6	25.0

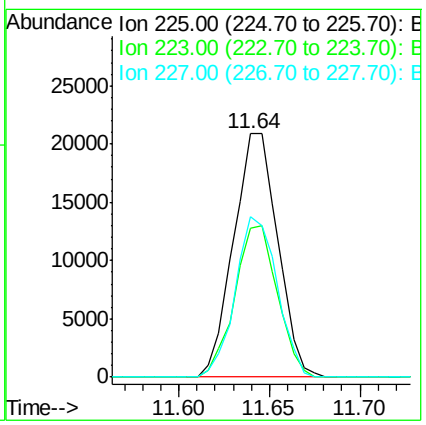


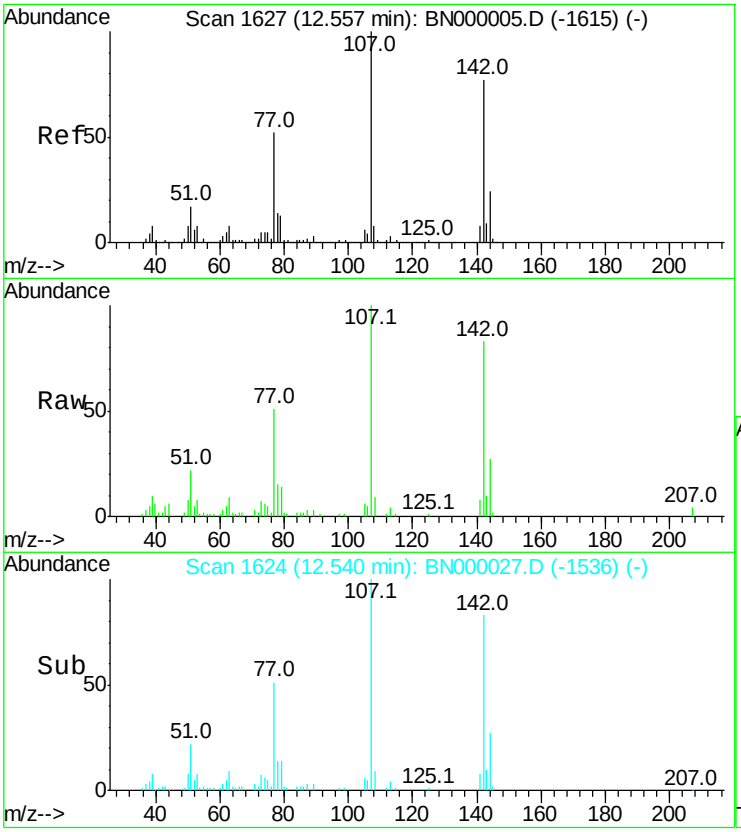


#34
Hexachlorobutadiene
Concen: 2.952 ng
RT: 11.64 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:225 Resp: 35414

Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	68.3	48.1	72.1



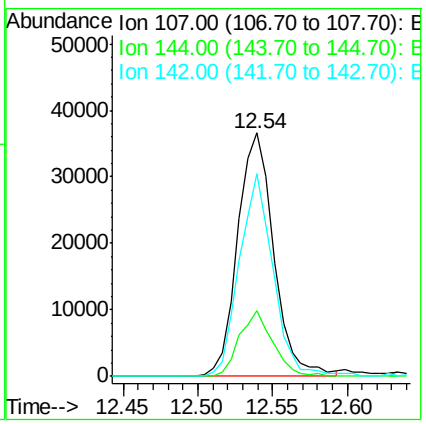


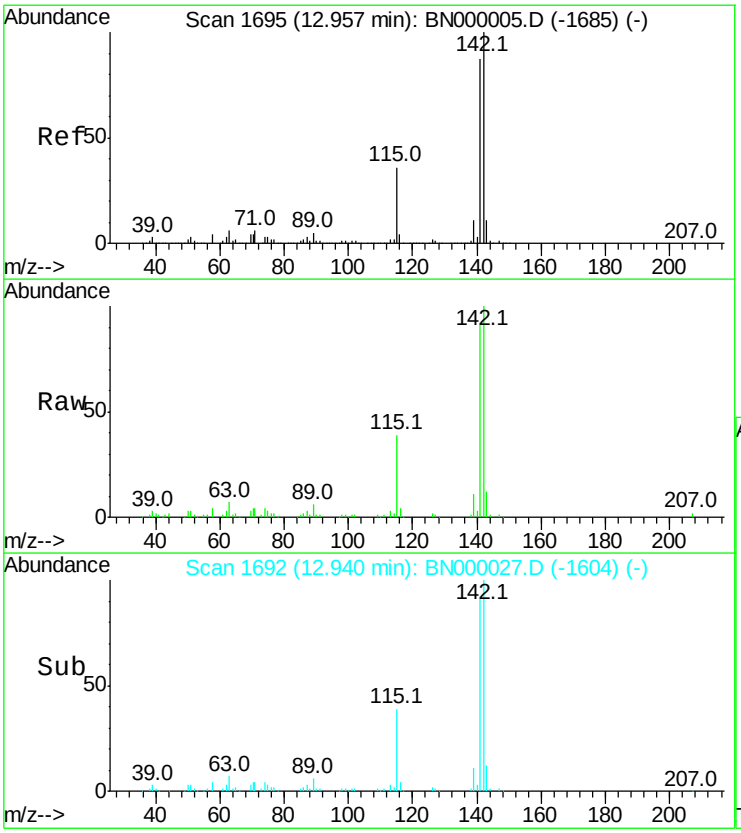
#36
4-Chloro-3-methylphenol
Concen: 2.249 ng
RT: 12.54 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 61505

Ion	Ratio	Lower	Upper
107	100		
144	26.8	18.2	27.4
142	83.3	59.0	88.4

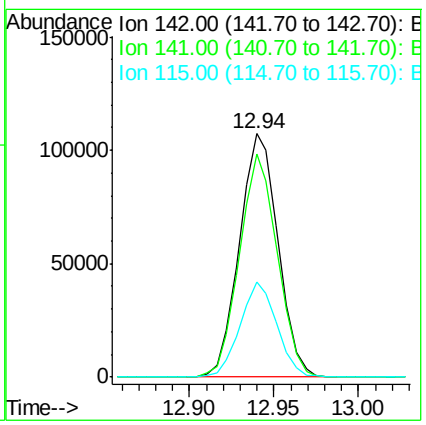


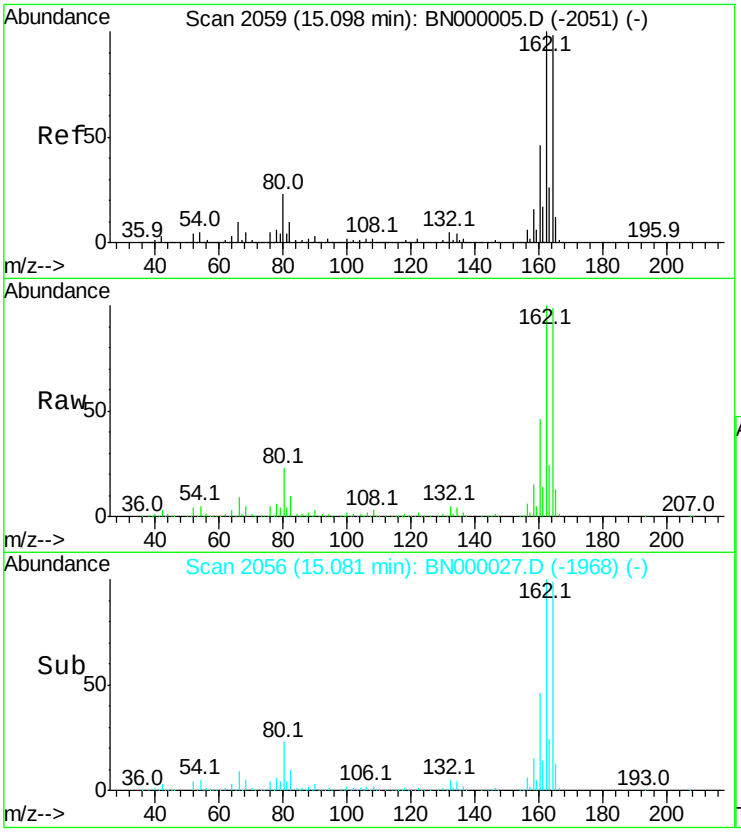


#37
2-Methylnaphthalene
Concen: 2.942 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:142 Resp: 170142

Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	39.3	30.7	46.1



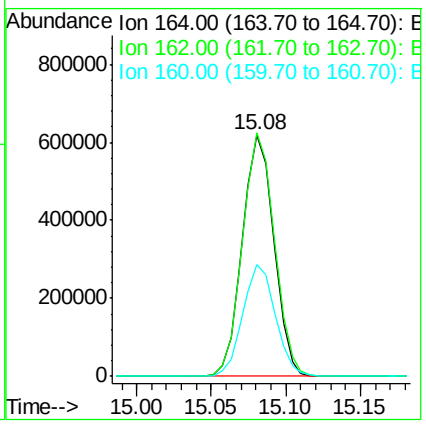


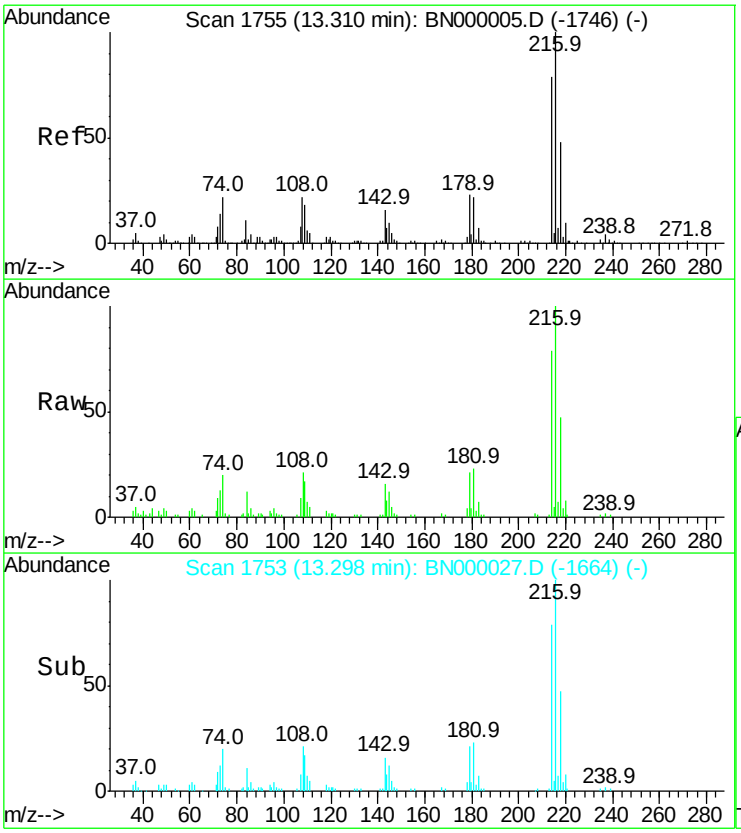
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 902198

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	46.5	35.4	53.0

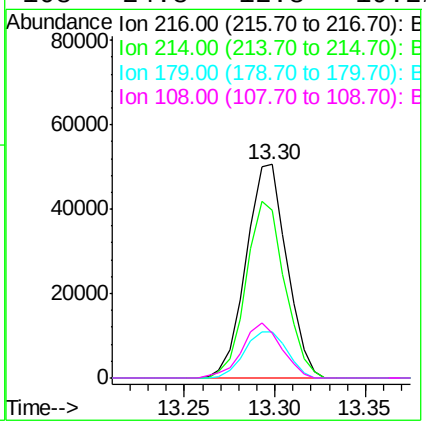


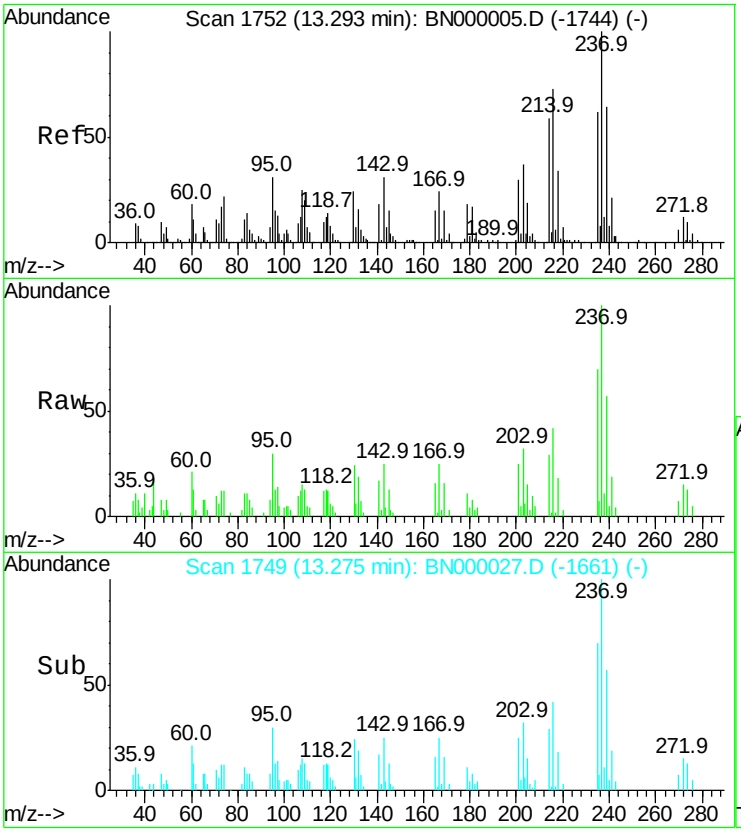


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.004 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:216 Resp: 78941

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.7	17.0	25.6
108	24.8	12.8	19.2#



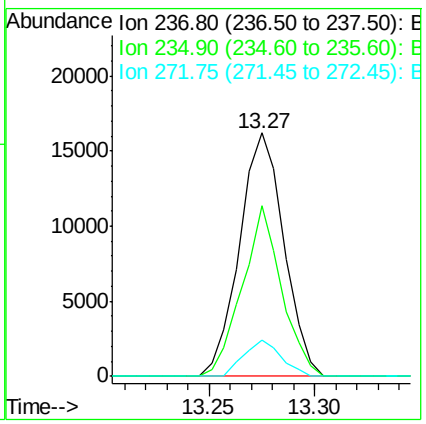


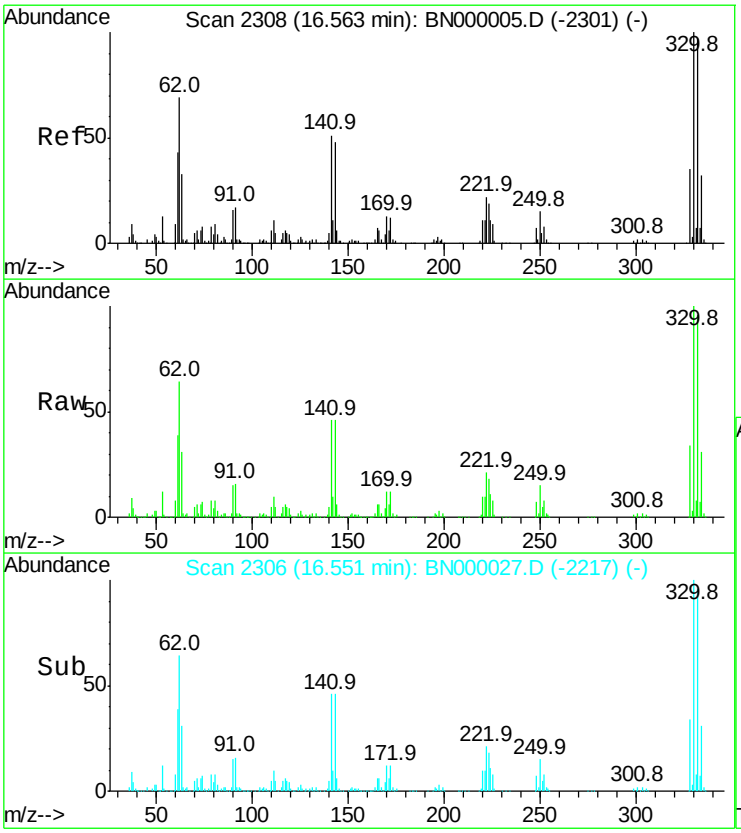
#40
Hexachlorocyclopentadiene
Concen: 2.692 ng
RT: 13.27 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:237 Resp: 23632

Ion	Ratio	Lower	Upper
237	100		
235	70.3	50.4	90.4
272	14.8	0.0	31.8

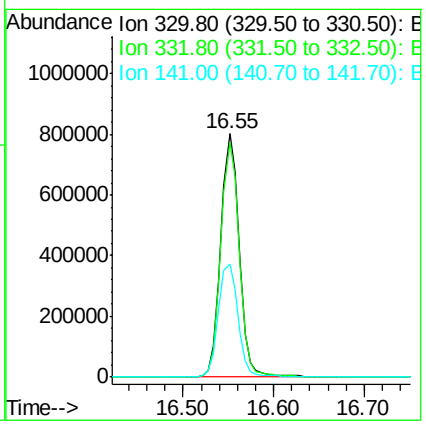


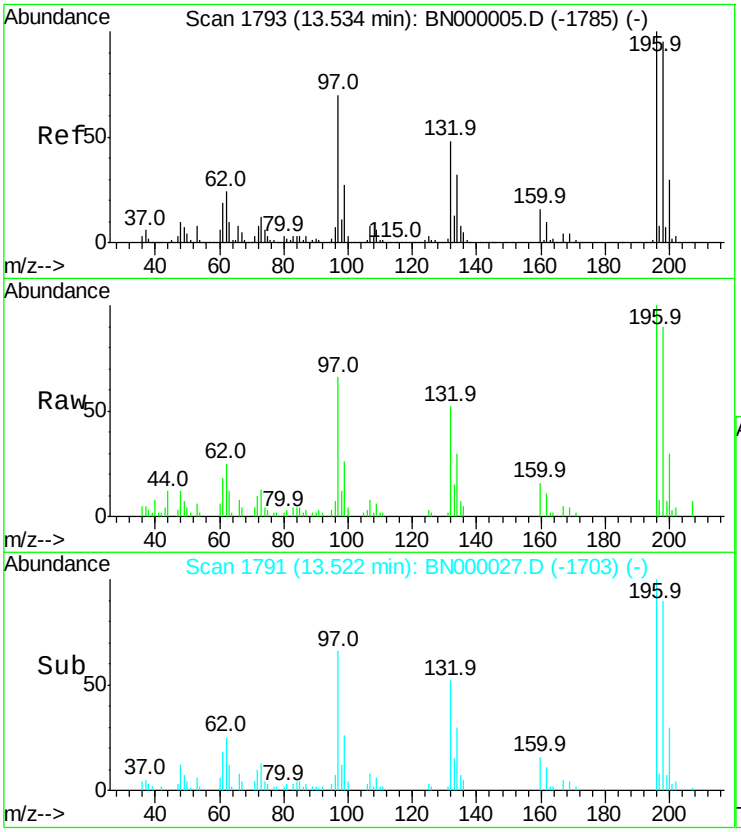


#41
2,4,6-Tribromophenol
Concen: 124.856 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:330 Resp: 1132370

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	49.8	25.2	37.8#



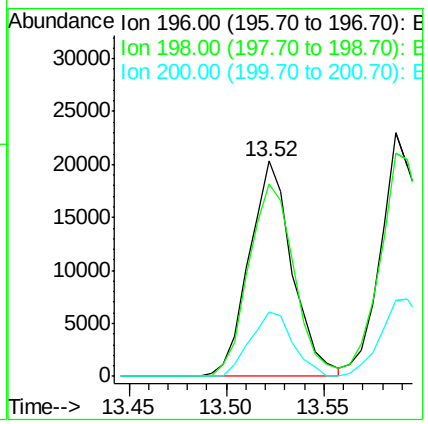


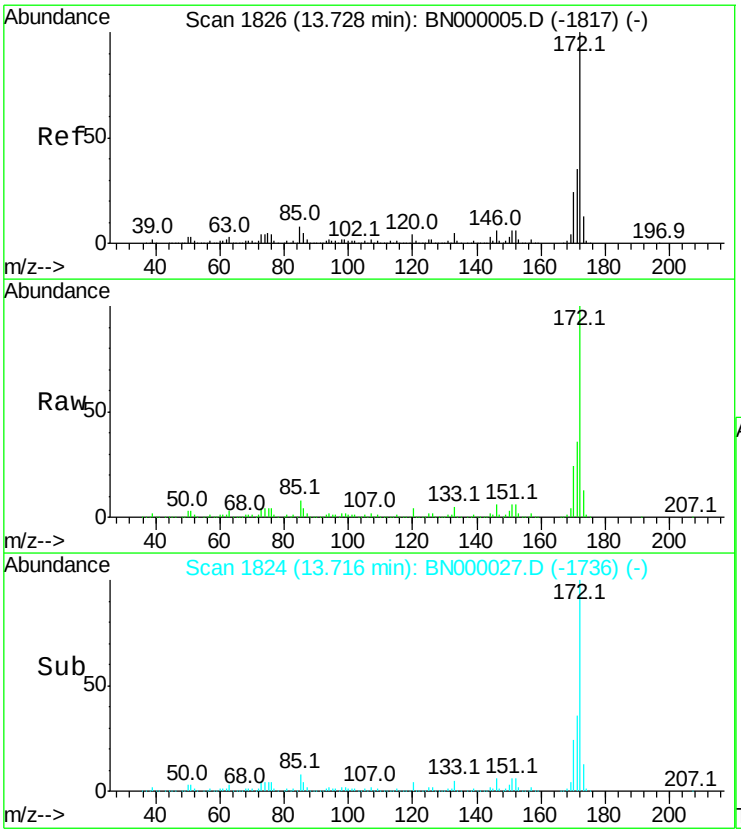
#42
2,4,6-Trichlorophenol
Concen: 2.006 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:196 Resp: 31162

Ion	Ratio	Lower	Upper
196	100		
198	89.6	78.2	117.2
200	29.8	24.6	36.8

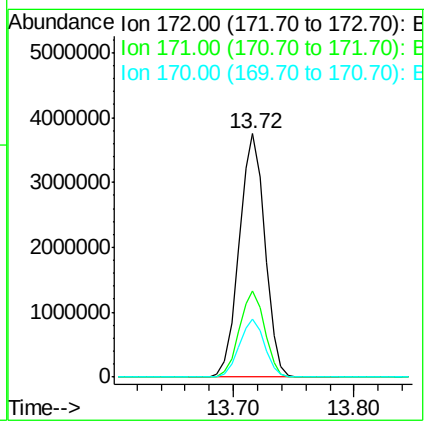


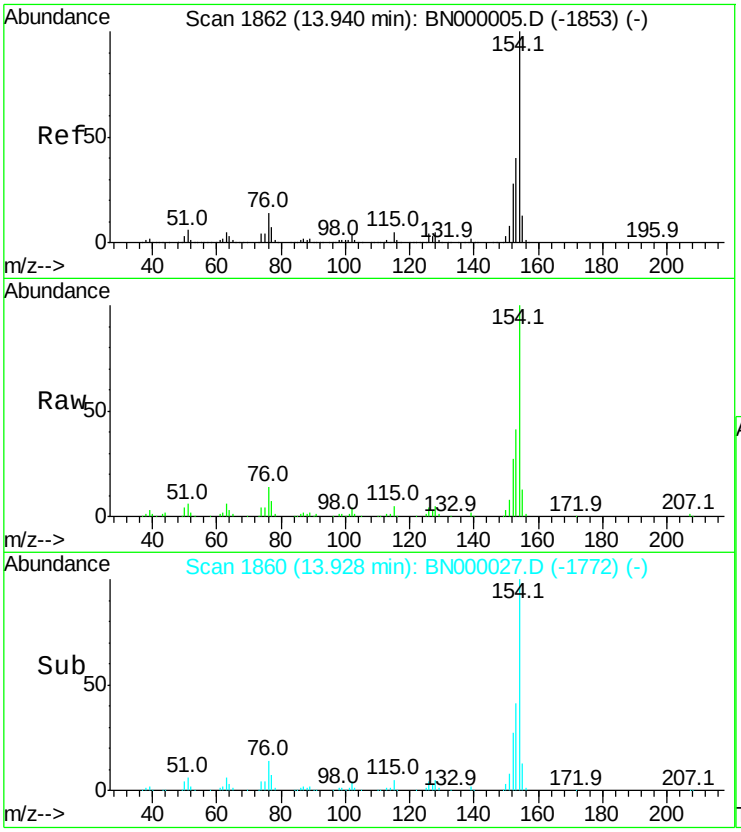


#44
2-Fluorobiphenyl
Concen: 82.537 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:172 Resp: 5560113

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.9	19.5	29.3



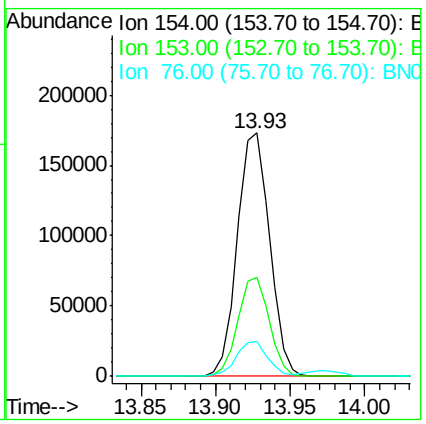


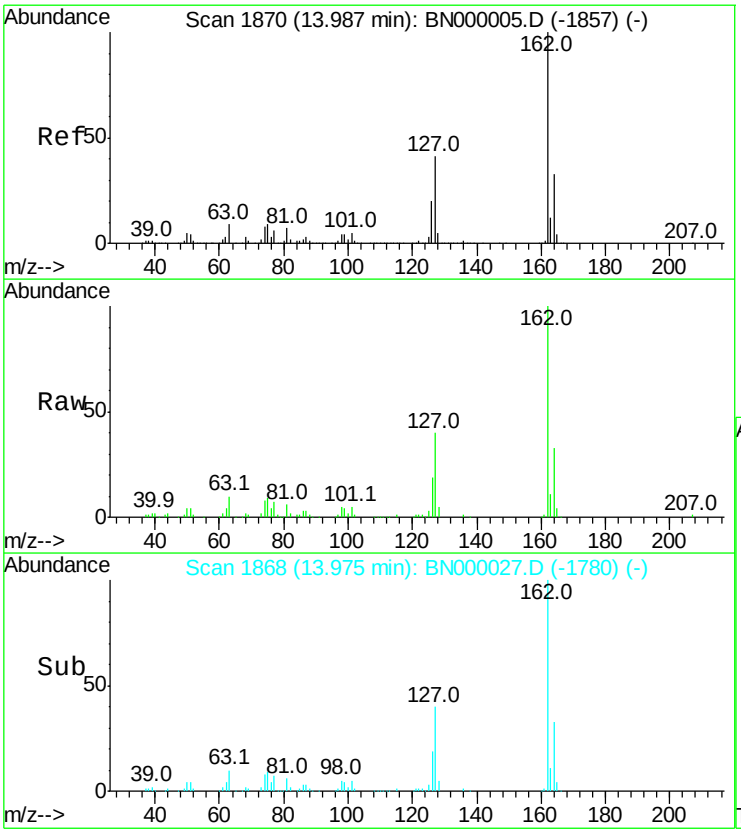
#45
1,1'-Biphenyl
Concen: 3.224 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 259923

Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	14.1	0.0	31.9

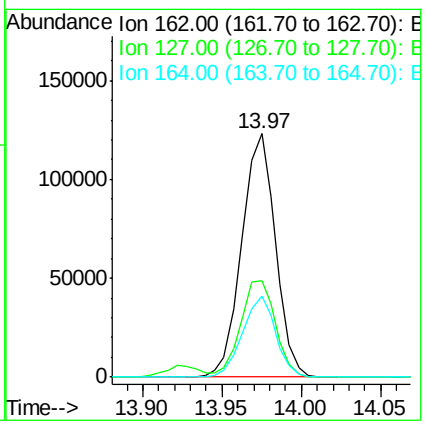


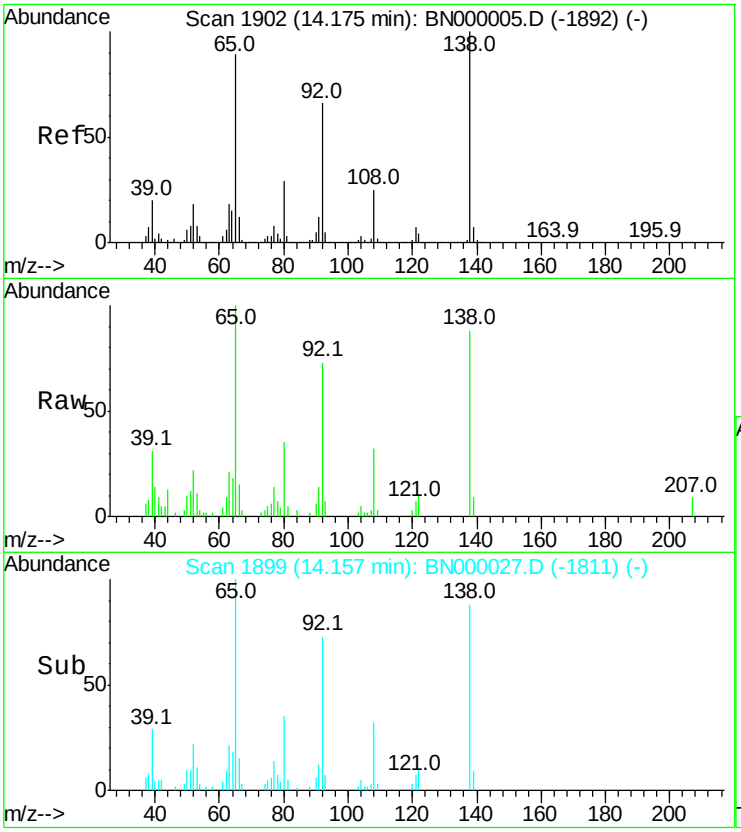


#46
2-Chloronaphthalene
Concen: 3.005 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:162 Resp: 181867

Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	33.4	26.0	39.0



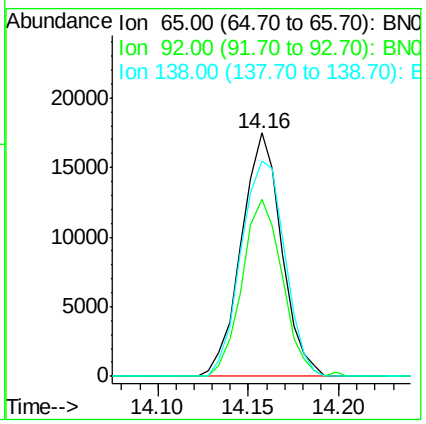


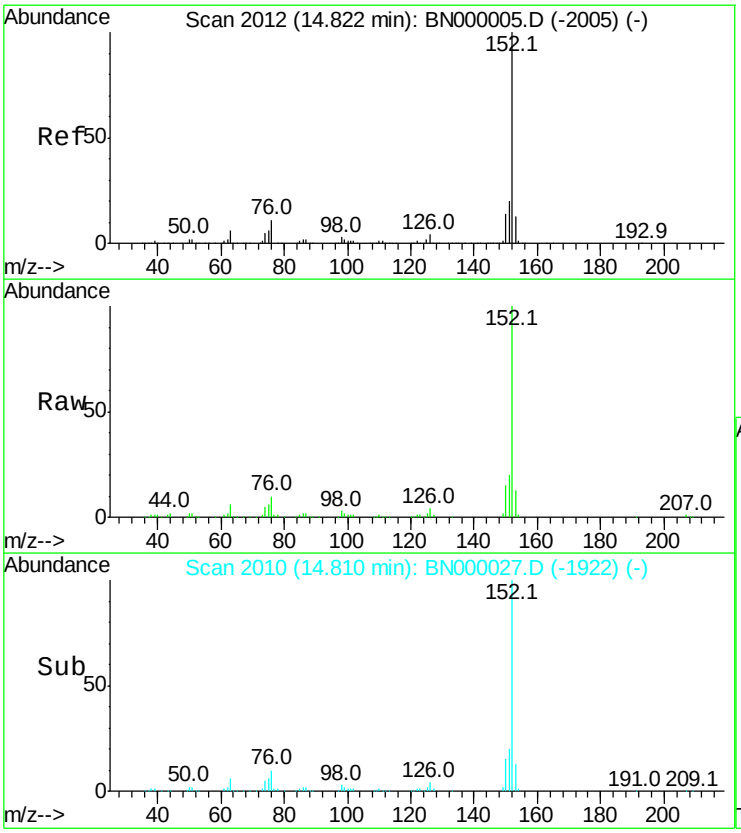
#47
2-Nitroaniline
Concen: 8.661 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 65 Resp: 27035

Ion	Ratio	Lower	Upper
65	100		
92	72.8	54.6	82.0
138	88.3	72.9	109.3

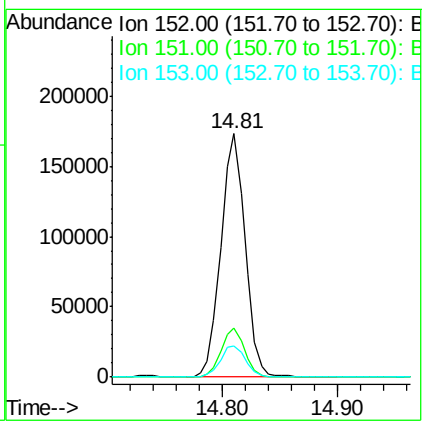


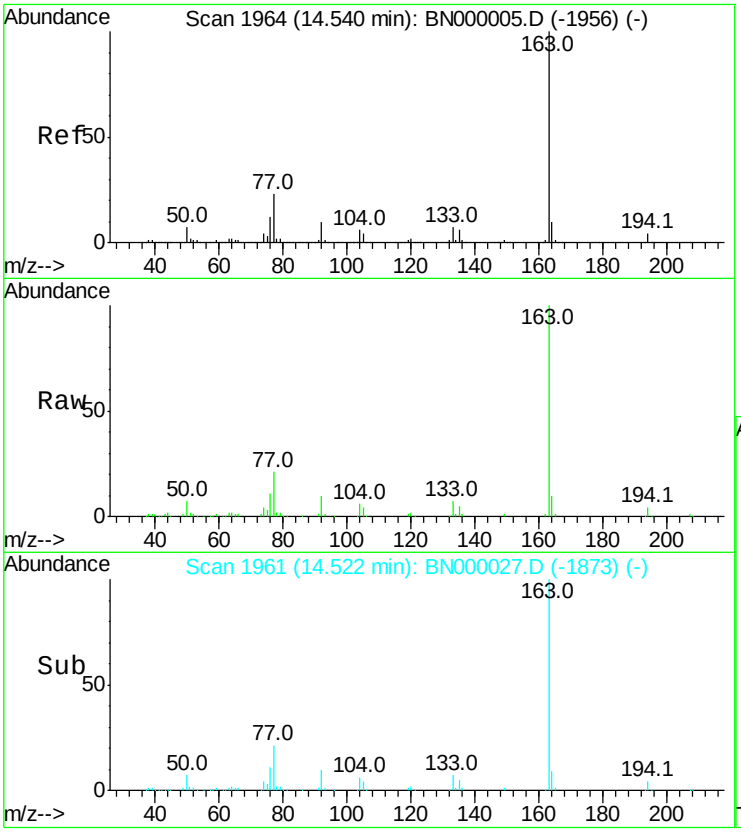


#48
Acenaphthylene
Concen: 2.484 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:152 Resp: 252375

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	12.7	10.2	15.4



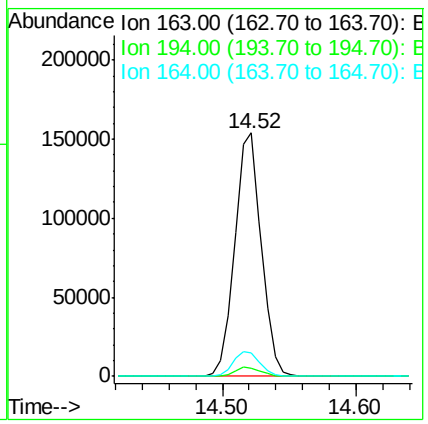


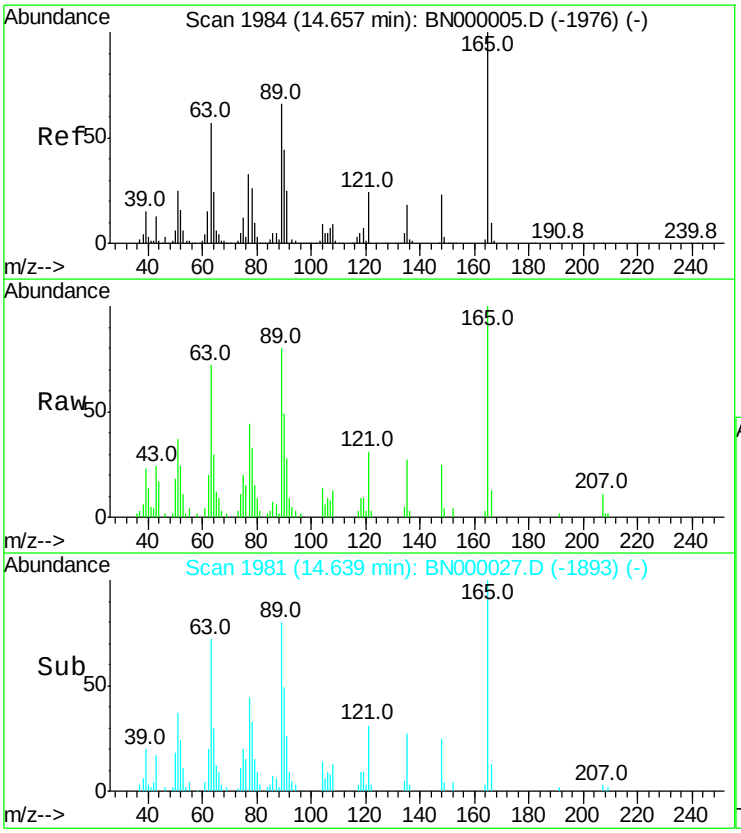
#49
Dimethylphthalate
Concen: 2.635 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 212490

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	9.5	8.2	12.4

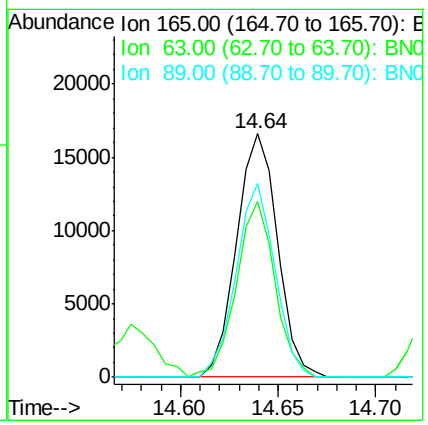


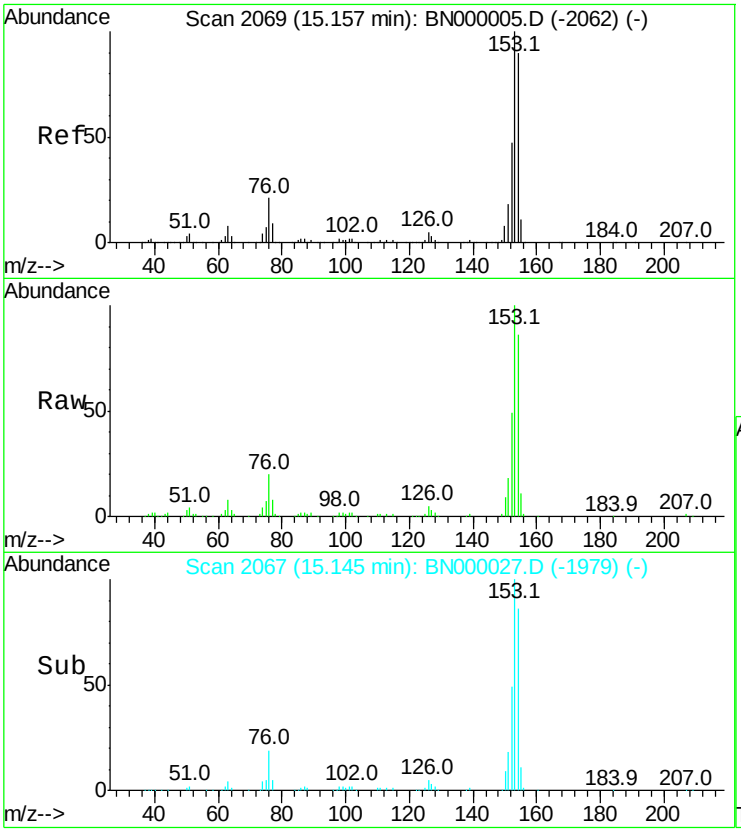


#50
2,6-Dinitrotoluene
Concen: 6.937 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:165 Resp: 24157

Ion	Ratio	Lower	Upper
165	100		
63	72.1	52.7	79.1
89	79.8	49.2	73.8#



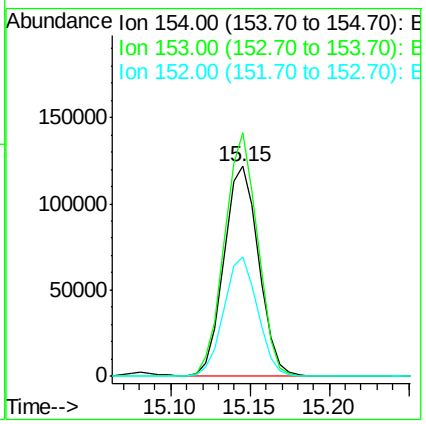


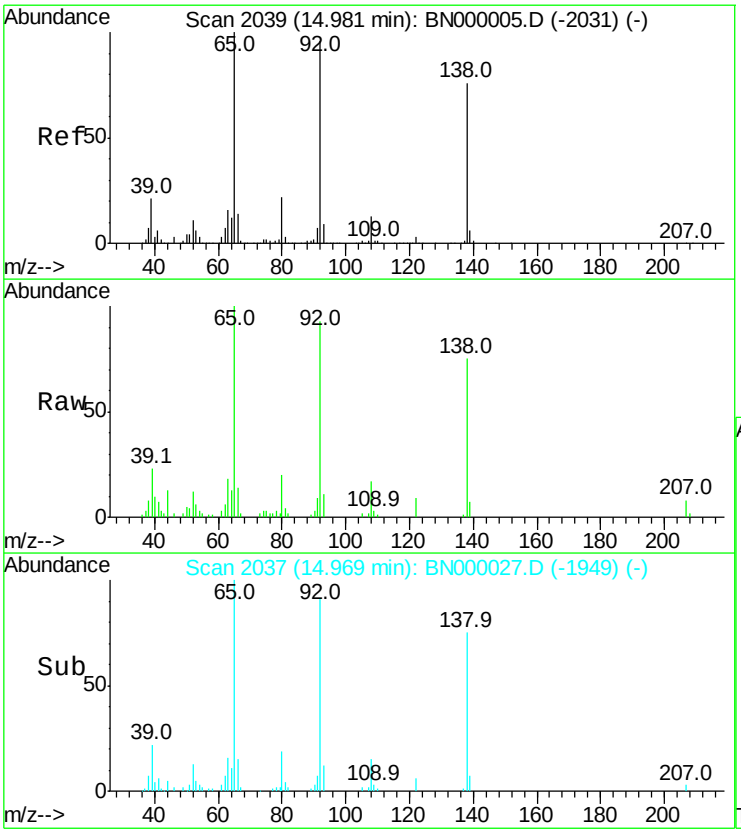
#51
Acenaphthene
Concen: 2.893 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 185527

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.4	135.6
152	56.9	41.6	62.4

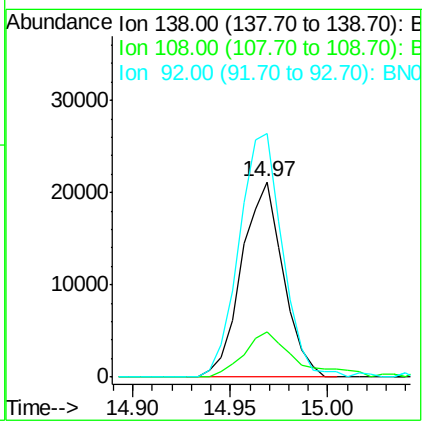


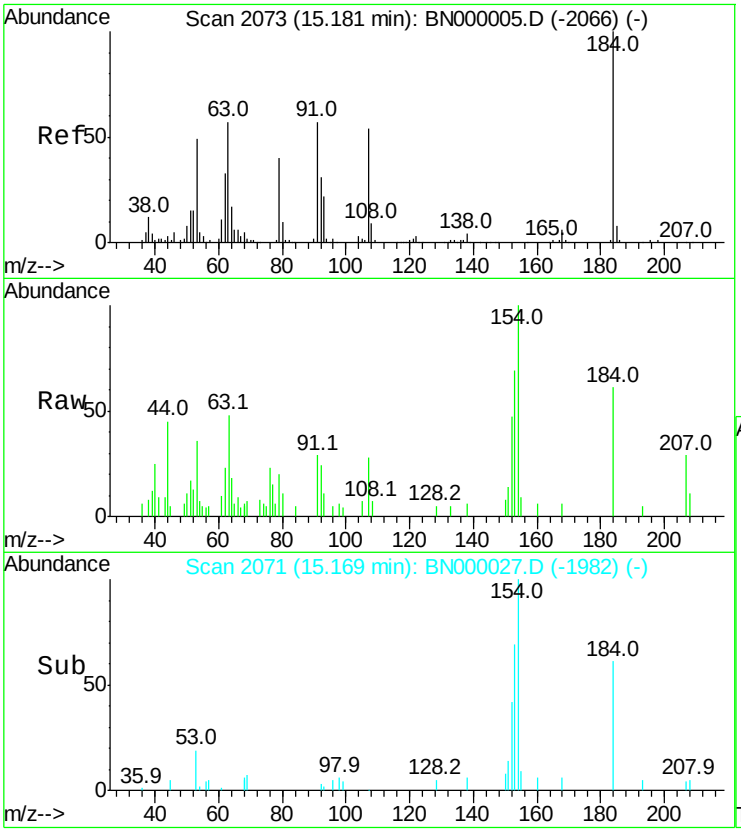


#52
3-Nitroaniline
Concen: 7.474 ng
RT: 14.97 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:138 Resp: 31065

Ion	Ratio	Lower	Upper
138	100		
108	23.1	17.5	26.3
92	124.8	105.8	158.8



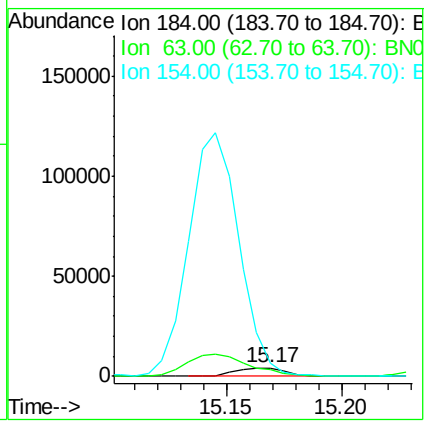


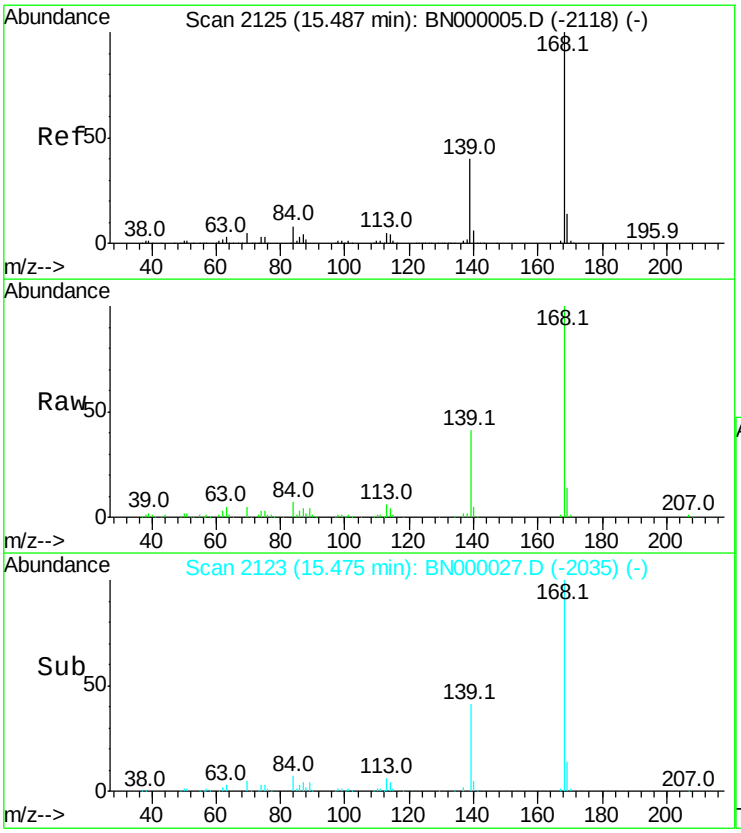
#53
2,4-Dinitrophenol
Concen: 6.414 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 6320

Ion	Ratio	Lower	Upper
184	100		
63	77.9	80.0	120.0#
154	163.5	308.0	462.0#

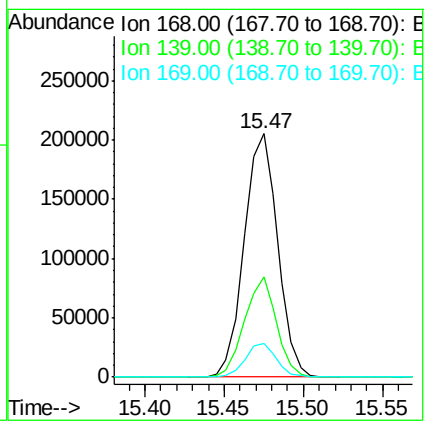


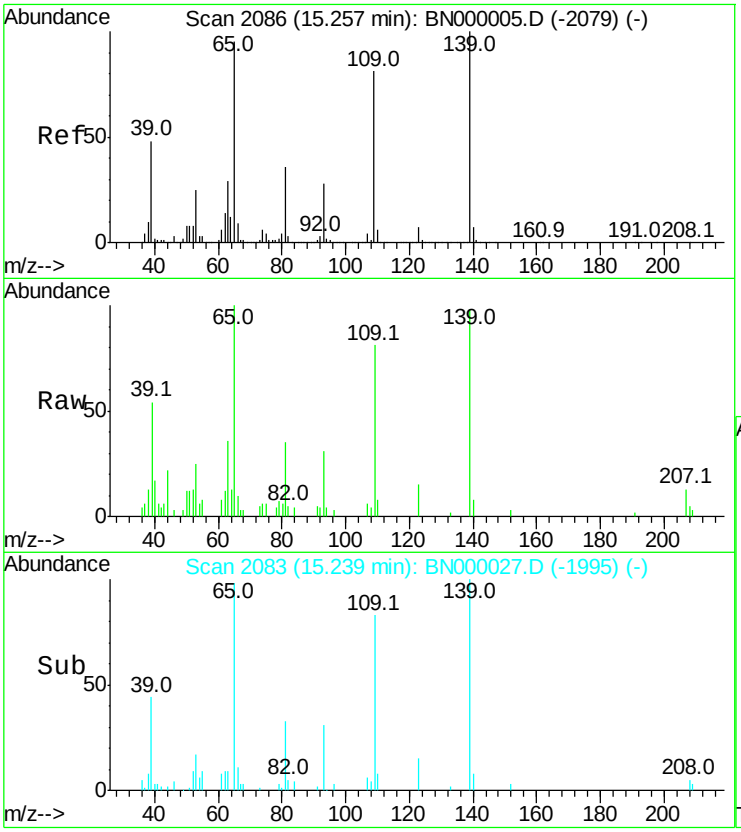


#54
Dibenzofuran
Concen: 3.268 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:168 Resp: 300721

Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	13.7	11.2	16.8



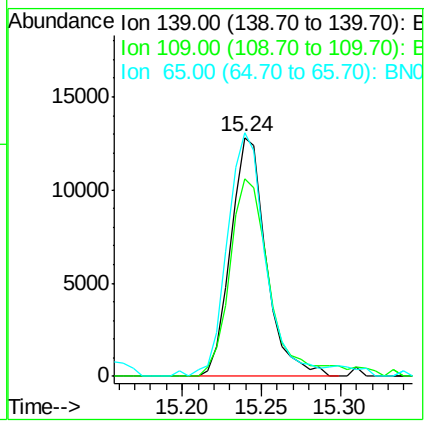


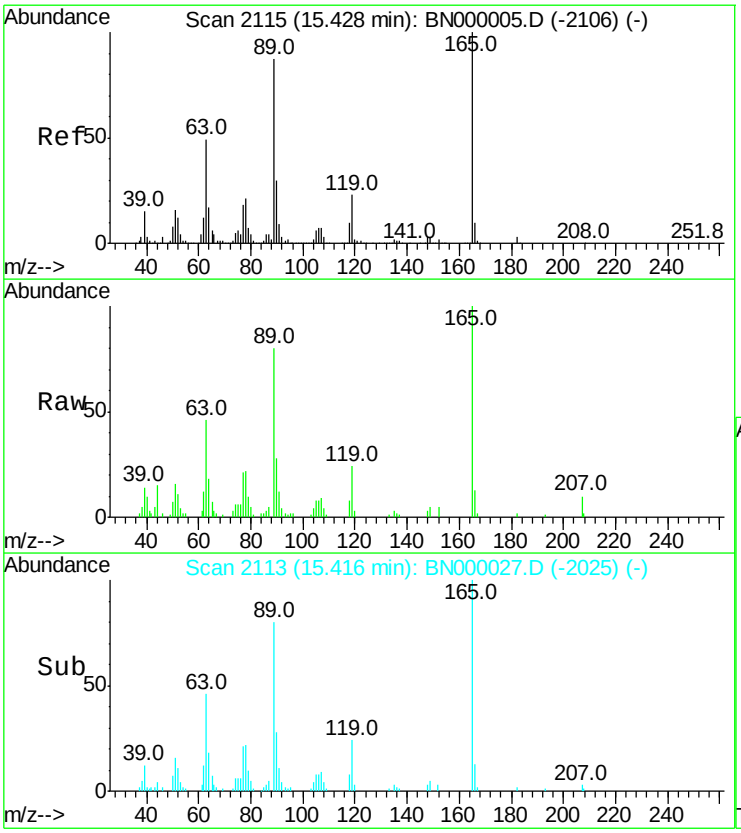
#55
4-Nitrophenol
Concen: 8.133 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:139 Resp: 19881

Ion	Ratio	Lower	Upper
139	100		
109	83.0	62.2	102.2
65	102.0	97.2	137.2

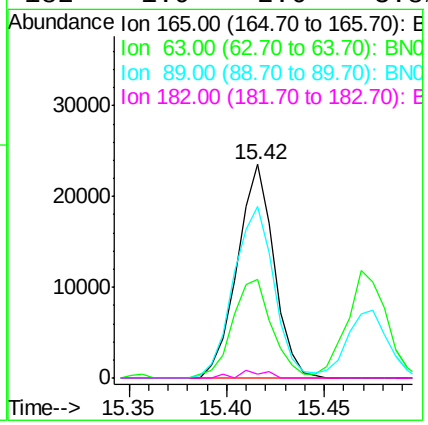


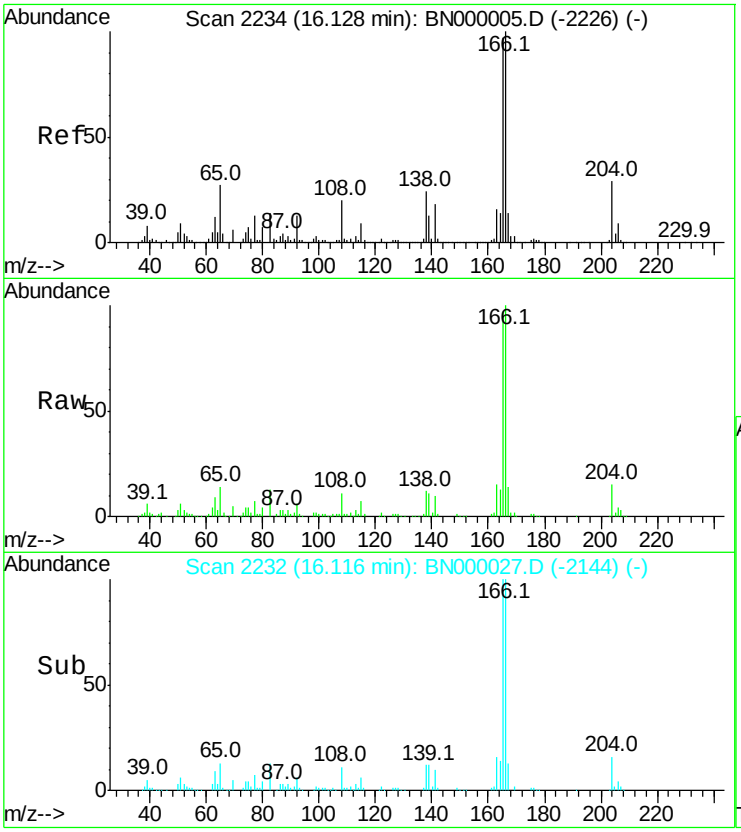


#56
2,4-Dinitrotoluene
Concen: 8.368 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:165 Resp: 30602

Ion	Ratio	Lower	Upper
165	100		
63	46.0	42.0	63.0
89	80.2	66.9	100.3
182	1.9	2.6	3.8#



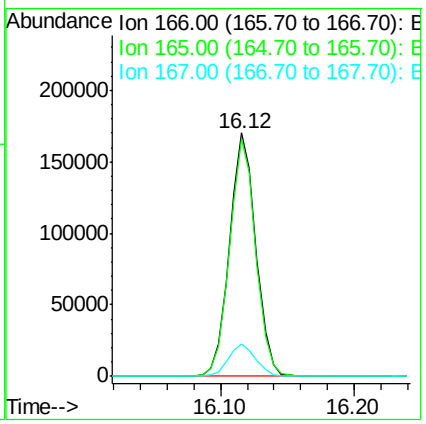


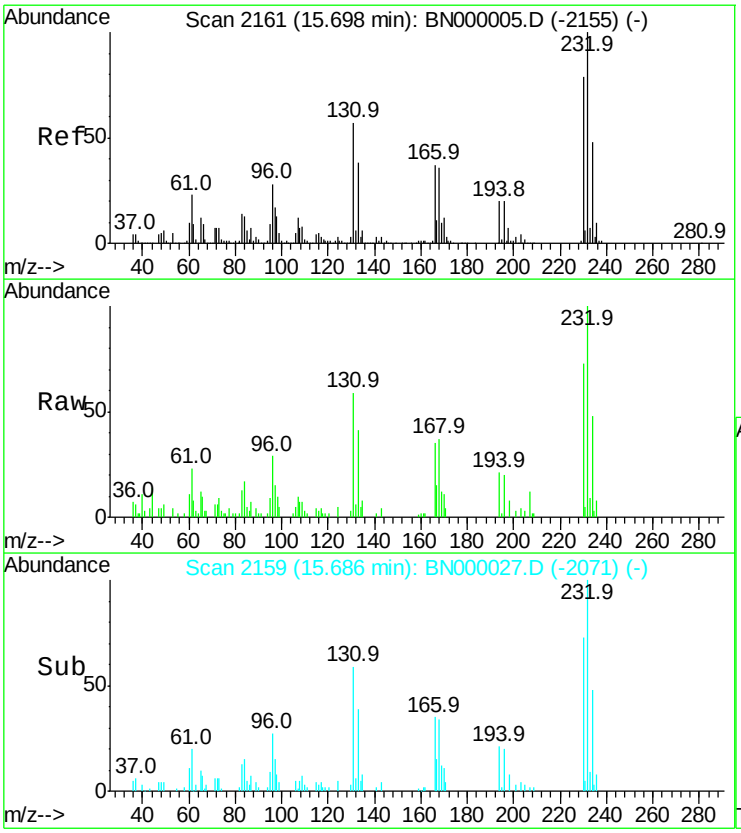
#57
Fluorene
Concen: 3.012 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 233416

Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.6	121.0
167	13.5	10.4	15.6

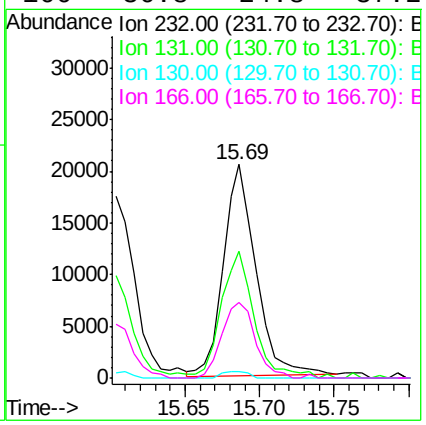


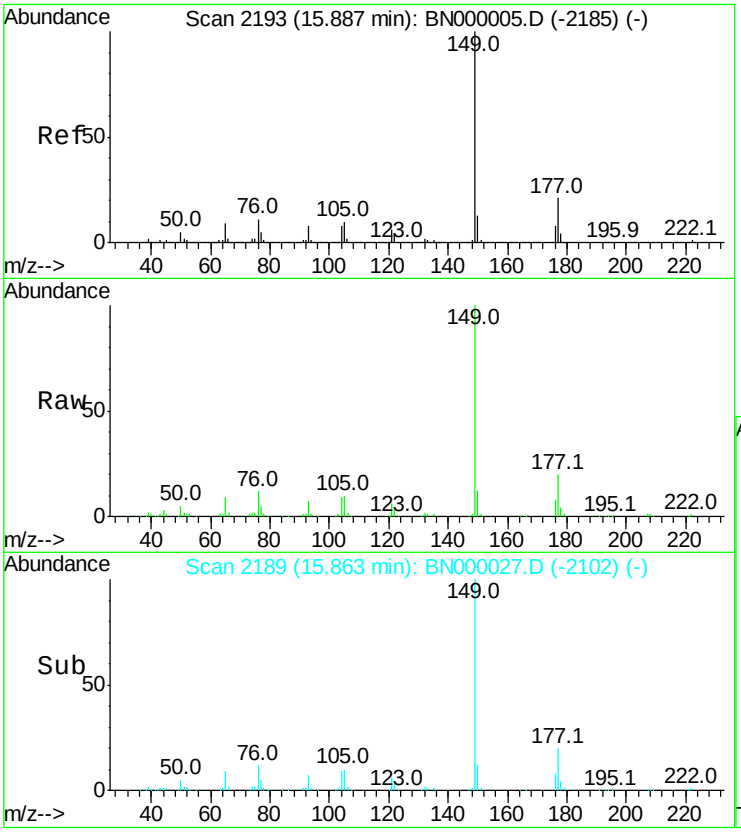


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.087 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:232 Resp: 31089

Ion	Ratio	Lower	Upper
232	100		
131	61.1	33.5	50.3#
130	2.5	2.2	3.2
166	36.8	24.8	37.2



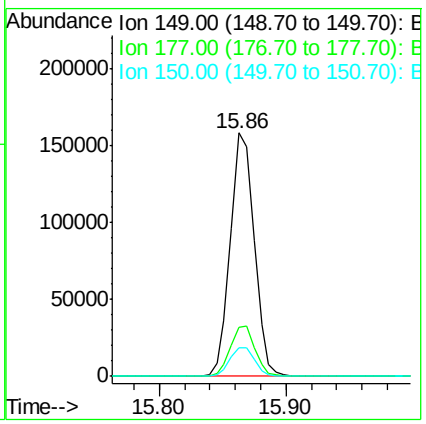


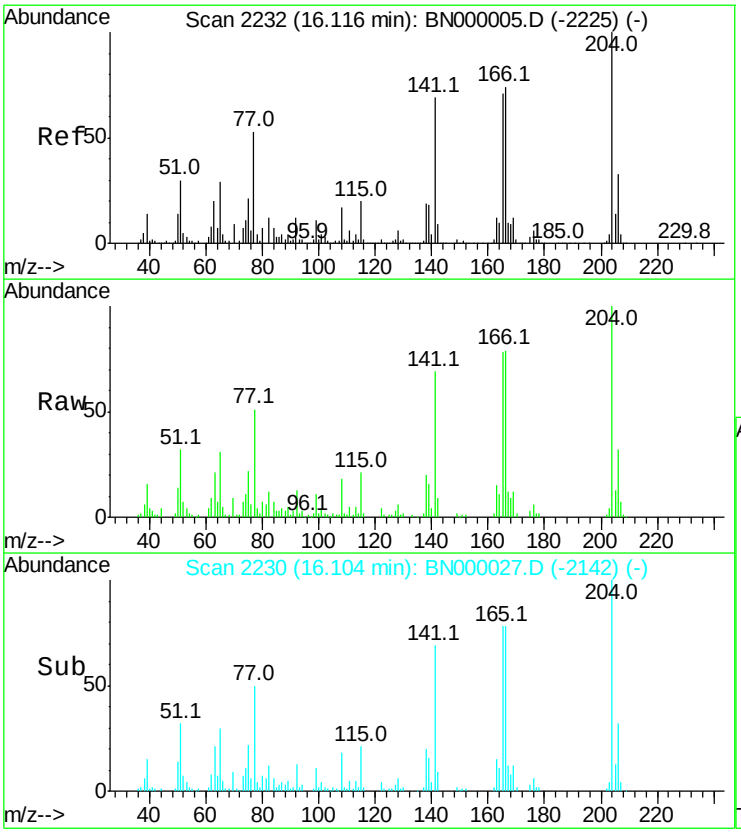
#59
Diethylphthalate
Concen: 2.456 ng
RT: 15.86 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 206879

Ion	Ratio	Lower	Upper
149	100		
177	20.0	18.5	27.7
150	11.7	10.2	15.2

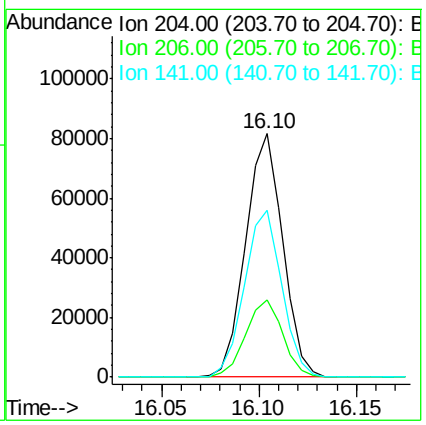


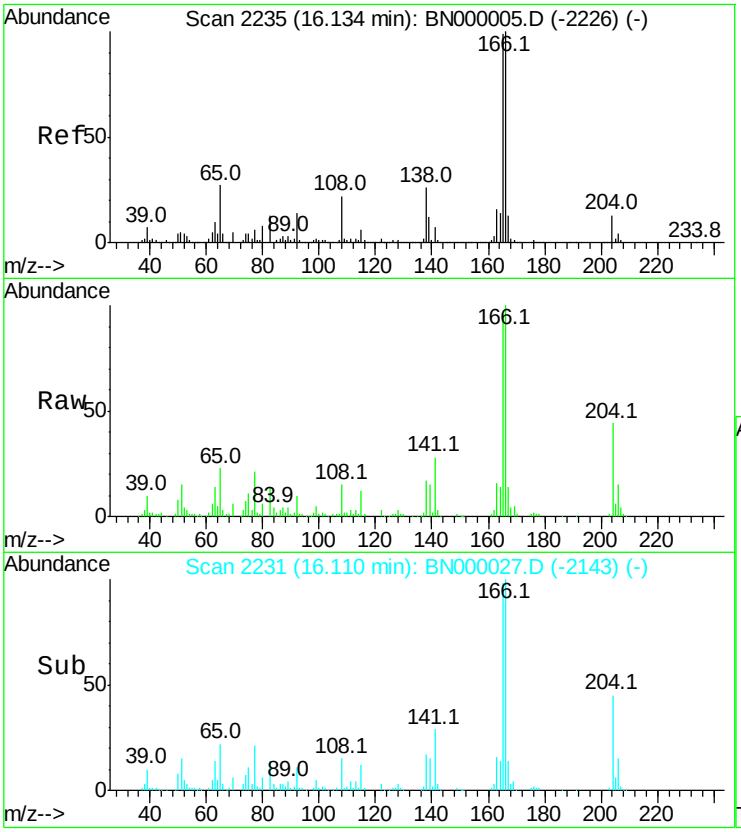


#60
4-Chlorophenyl-phenylether
Concen: 3.132 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:204 Resp: 107254

Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	68.6	45.8	68.6



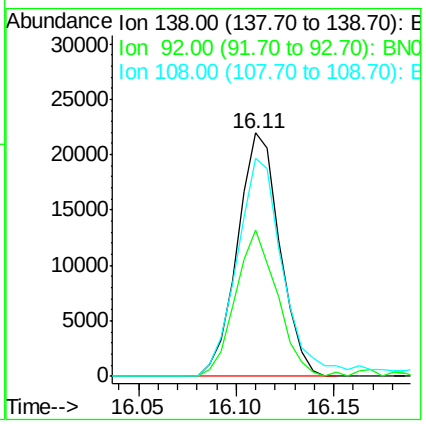


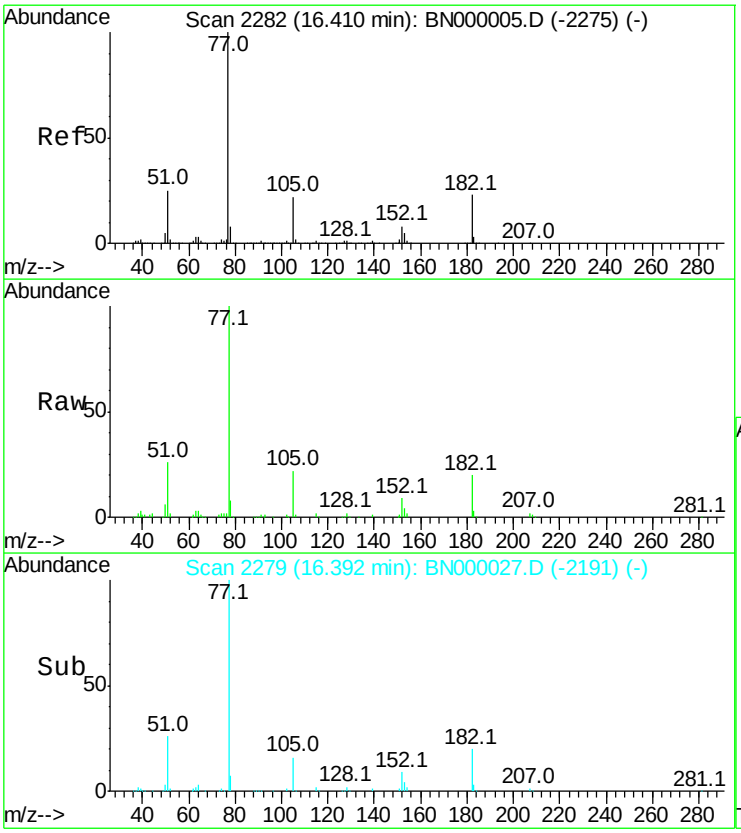
#61
4-Nitroaniline
Concen: 7.493 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 32962

Ion	Ratio	Lower	Upper
138	100		
92	60.3	40.1	80.1
108	89.8	65.4	105.4

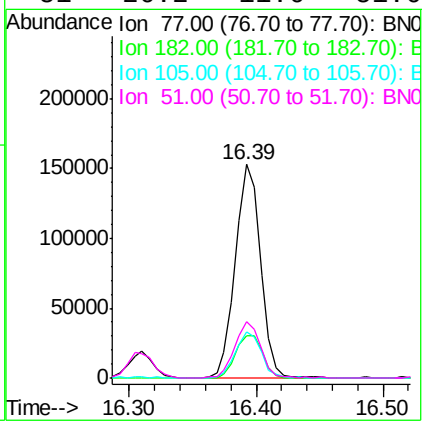


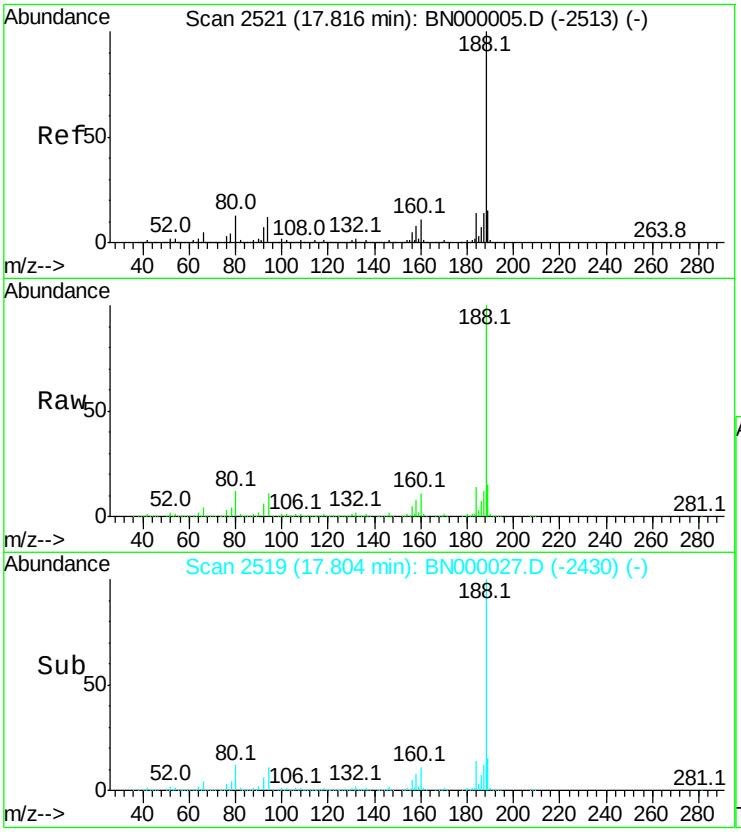


#62
Azobenzene
Concen: 2.490 ng
RT: 16.39 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion: 77 Resp: 209645

Ion	Ratio	Lower	Upper
77	100		
182	19.8	7.4	47.4
105	21.6	0.3	40.3
51	26.2	11.6	51.6



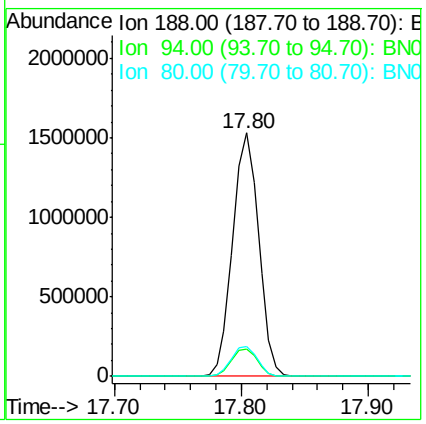


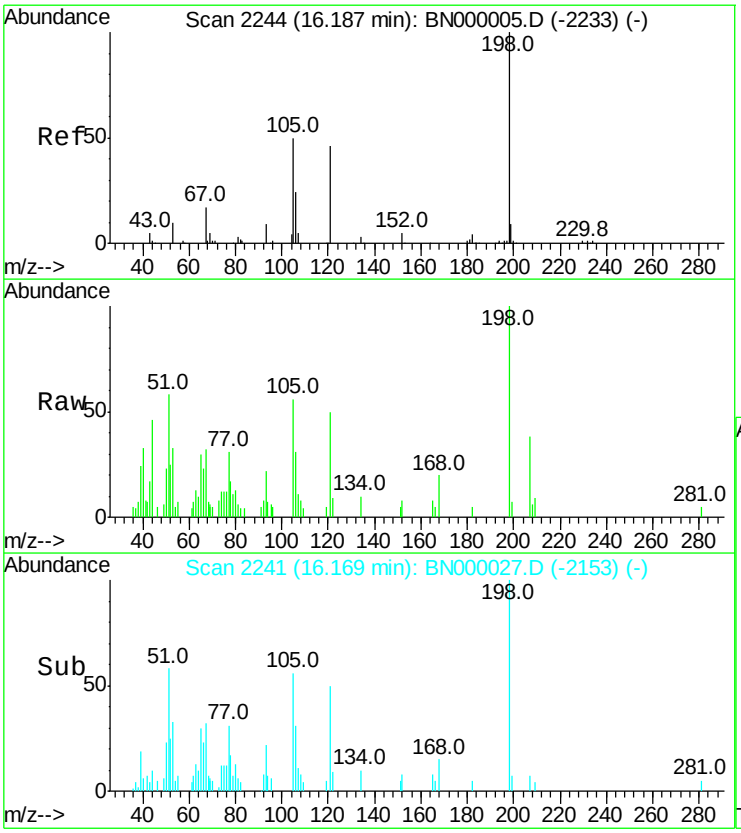
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 2179273

Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.9	10.3#
80	12.2	7.7	11.5#

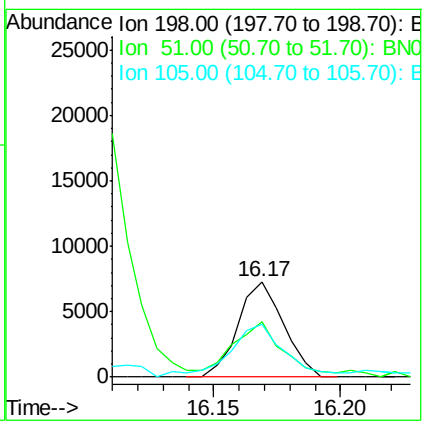


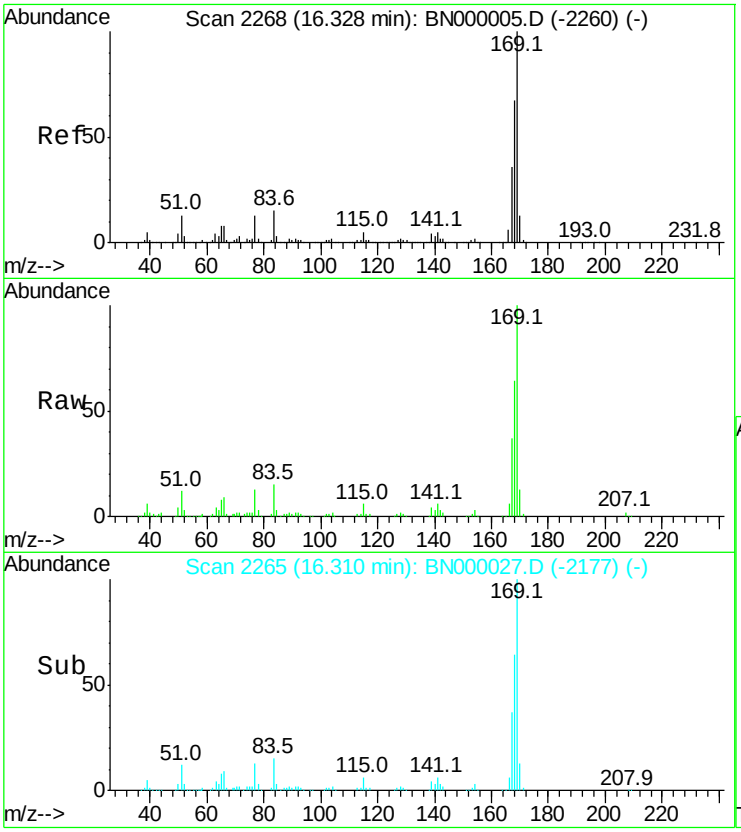


#64
4,6-Dinitro-2-methylphenol
Concen: 9.891 ng
RT: 16.17 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:198 Resp: 9149

Ion	Ratio	Lower	Upper
198	100		
51	58.5	30.6	70.6
105	55.8	23.8	63.8



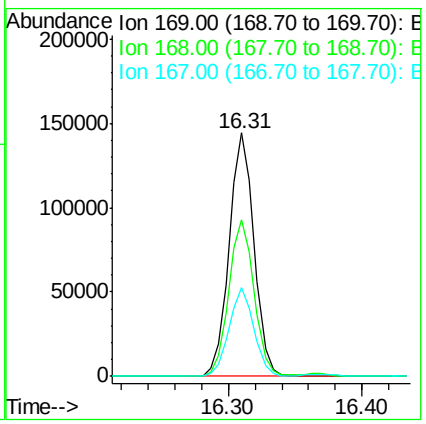


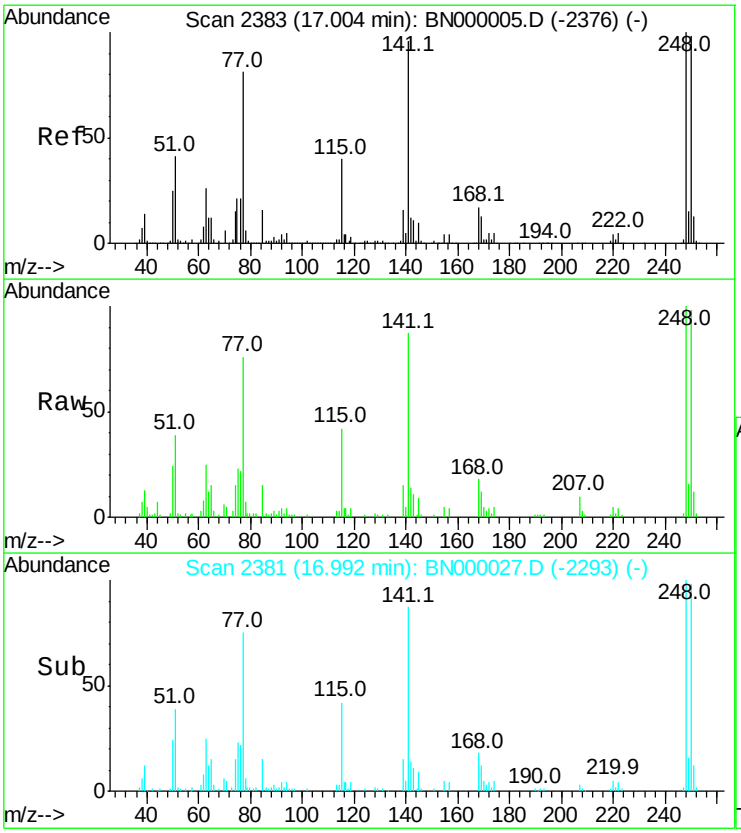
#65
n-Nitrosodiphenylamine
Concen: 2.644 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 188308

Ion	Ratio	Lower	Upper
169	100		
168	64.5	55.7	83.5
167	36.5	30.1	45.1

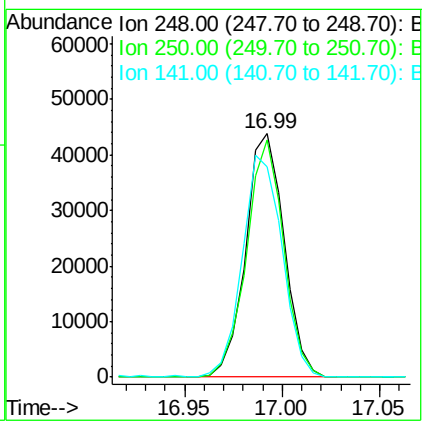


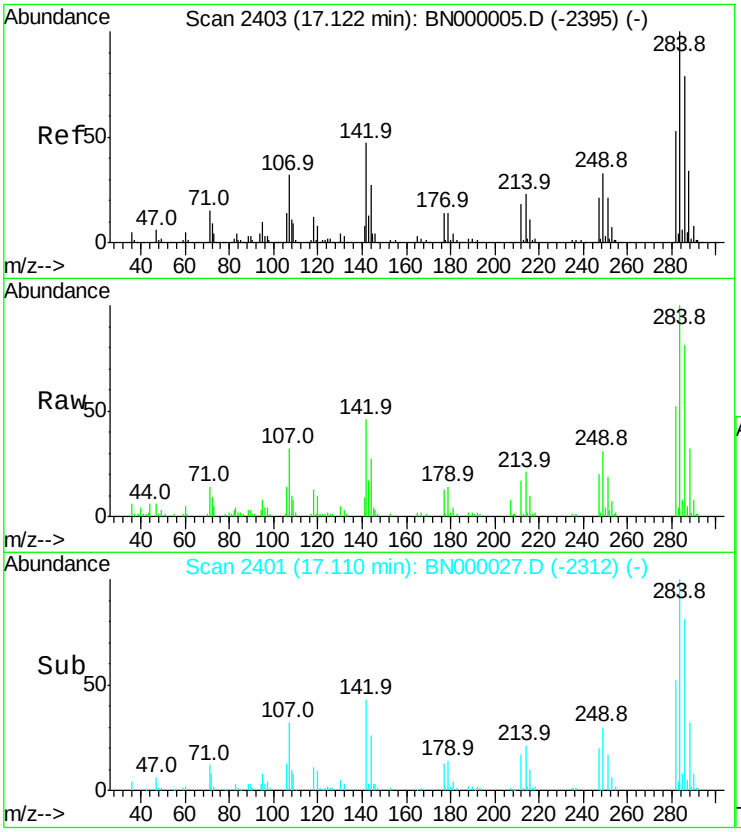


#66
4-Bromophenyl-phenylether
Concen: 2.931 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:248 Resp: 59764

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.1	115.7
141	86.6	50.8	76.2#



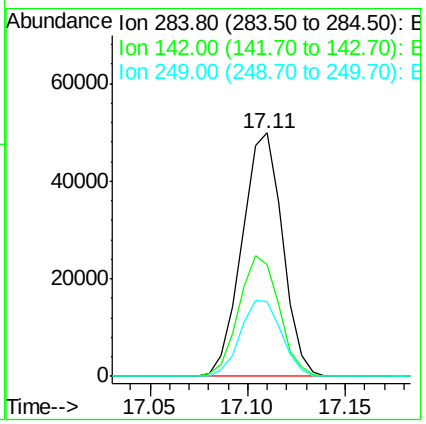


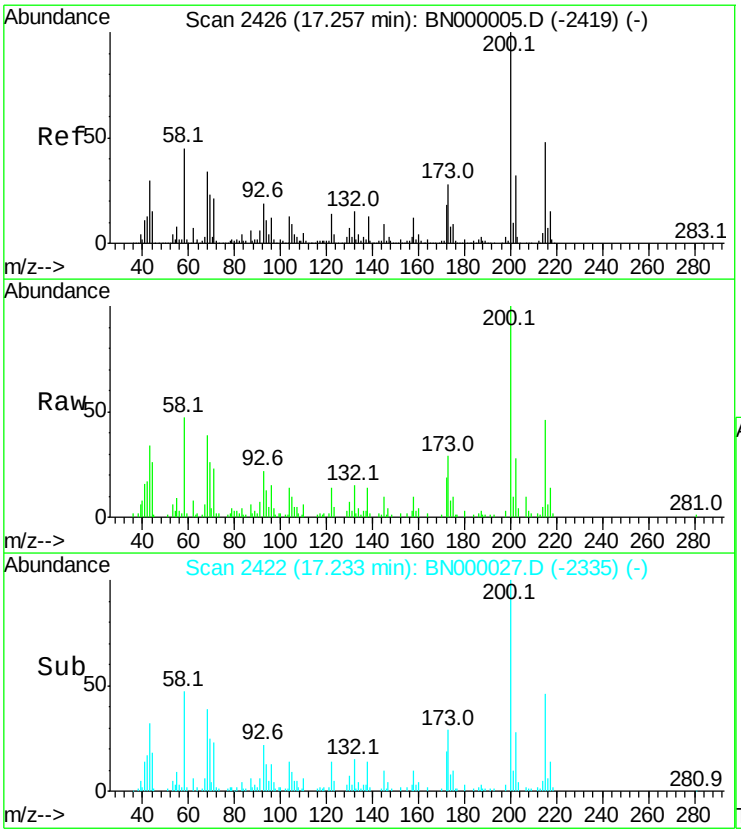
#67
Hexachlorobenzene
Concen: 3.046 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 71572

Ion	Ratio	Lower	Upper
284	100		
142	45.9	26.8	40.2#
249	30.6	26.3	39.5

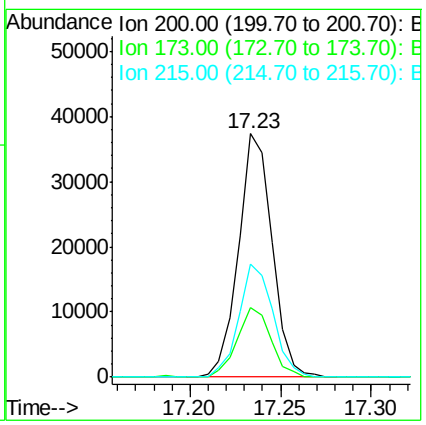


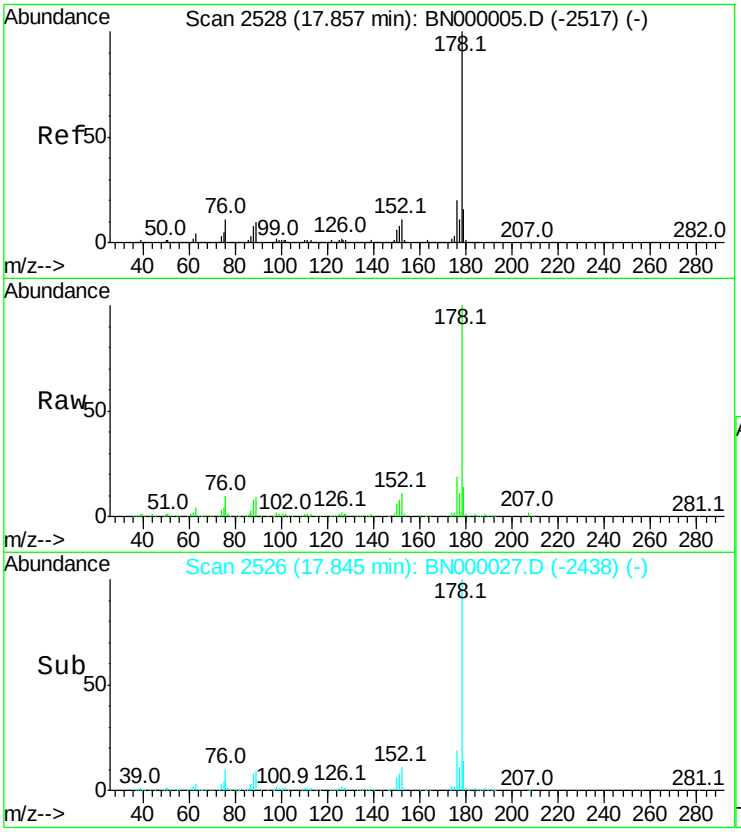


#68
Atrazine
Concen: 2.215 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:200 Resp: 48092

Ion	Ratio	Lower	Upper
200	100		
173	28.6	5.2	45.2
215	46.4	30.4	70.4



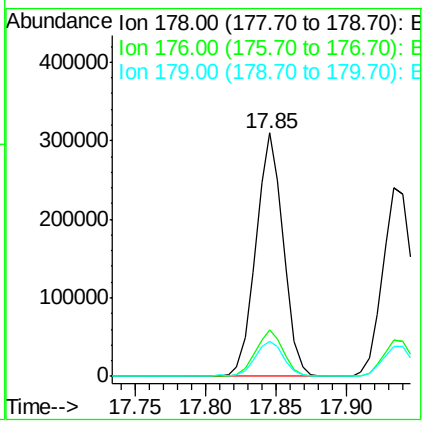


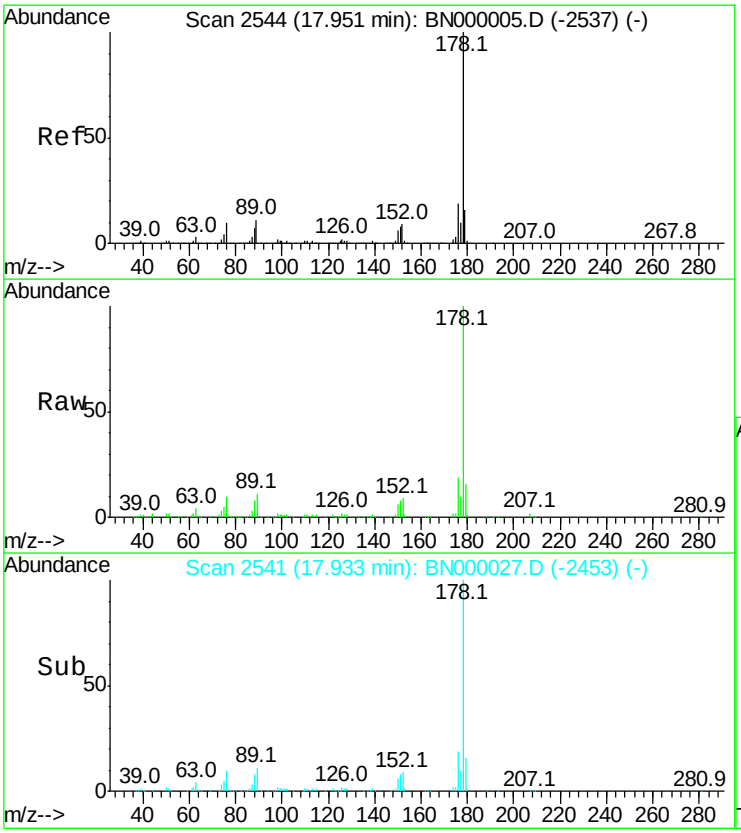
#70
Phenanthrene
Concen: 3.232 ng
RT: 17.85 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 423763

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	14.4	12.5	18.7

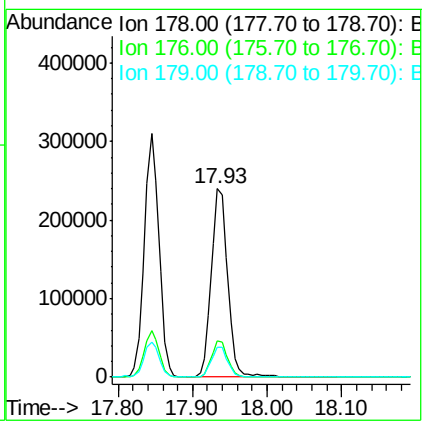


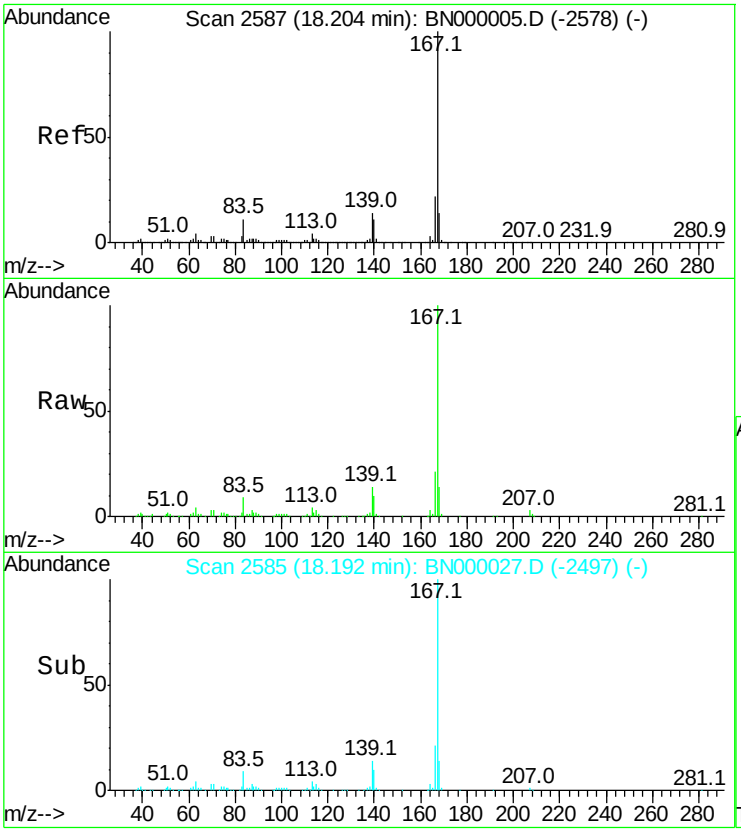


#71
Anthracene
Concen: 2.816 ng
RT: 17.93 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:178 Resp: 365784

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.5	18.7



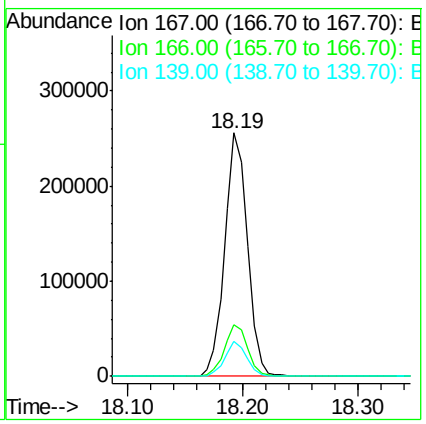


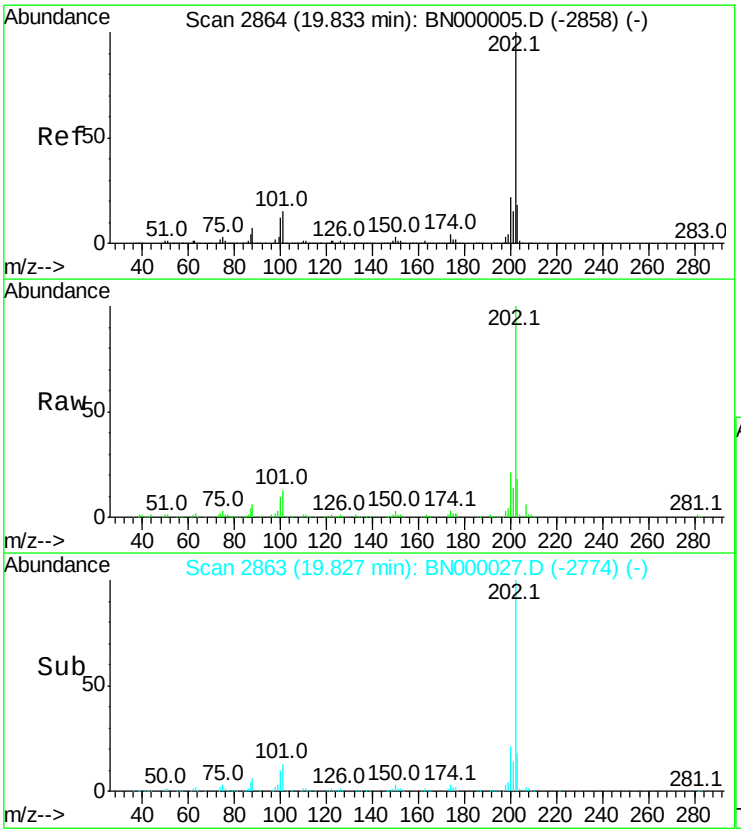
#72
Carbazole
Concen: 2.598 ng
RT: 18.19 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 349217

Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	14.3	9.4	14.2#

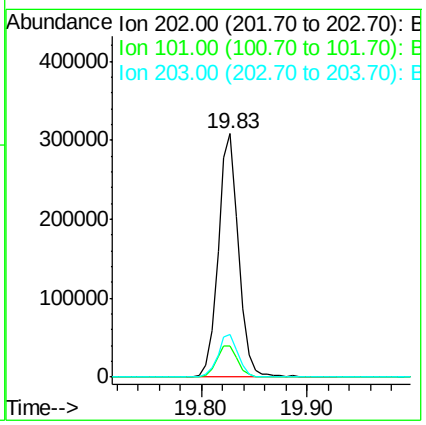


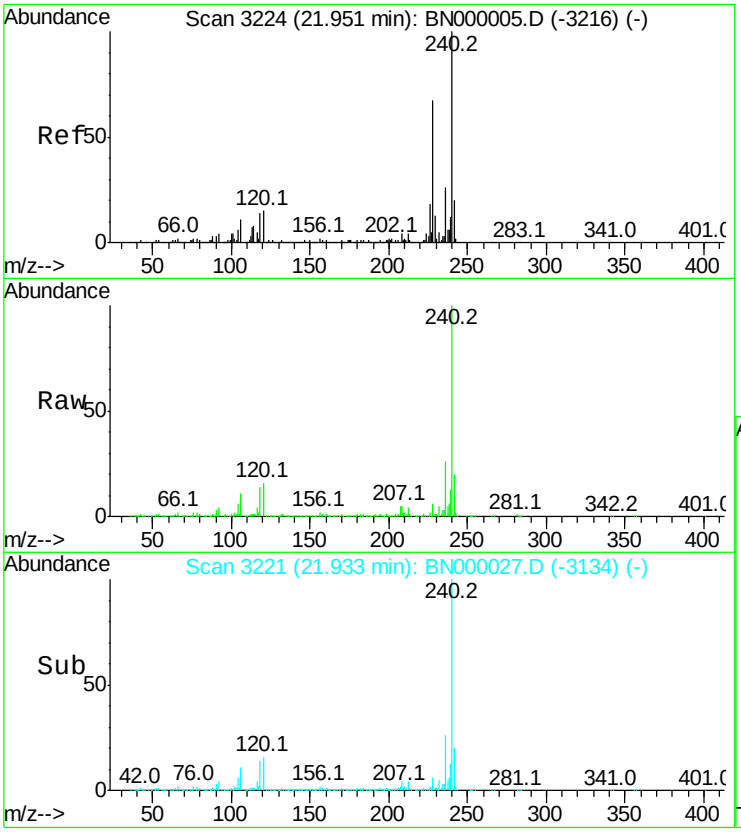


#74
Fluoranthene
Concen: 2.761 ng
RT: 19.83 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:202 Resp: 411116

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	28.9
203	17.6	0.0	37.5



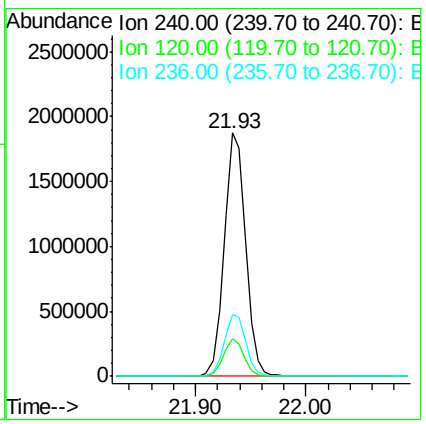


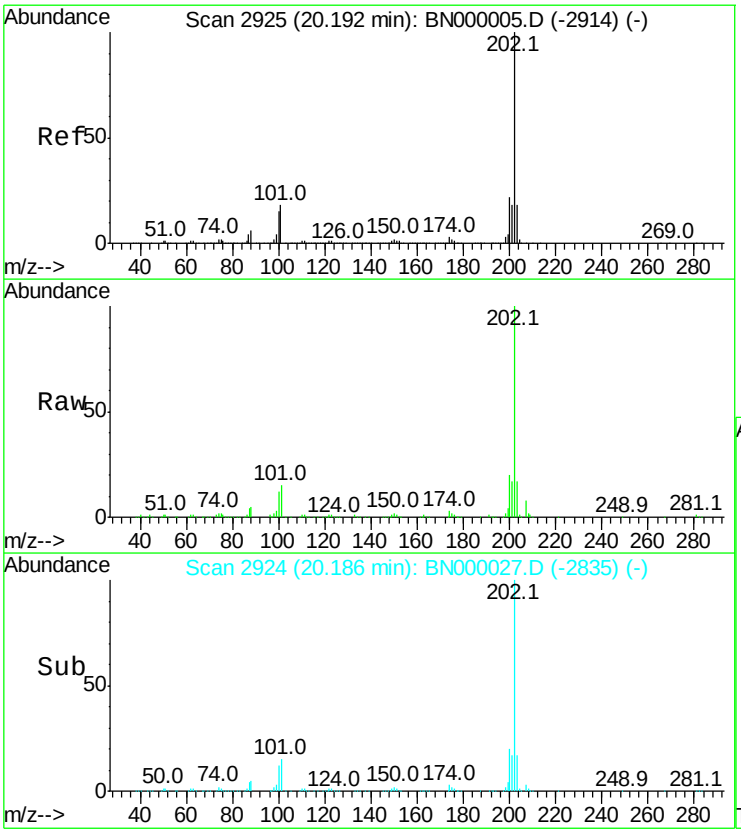
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3221
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2546119

Ion	Ratio	Lower	Upper
240	100		
120	15.5	6.8	10.2#
236	25.6	20.9	31.3

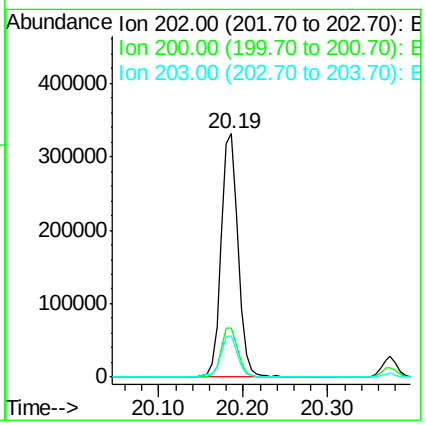


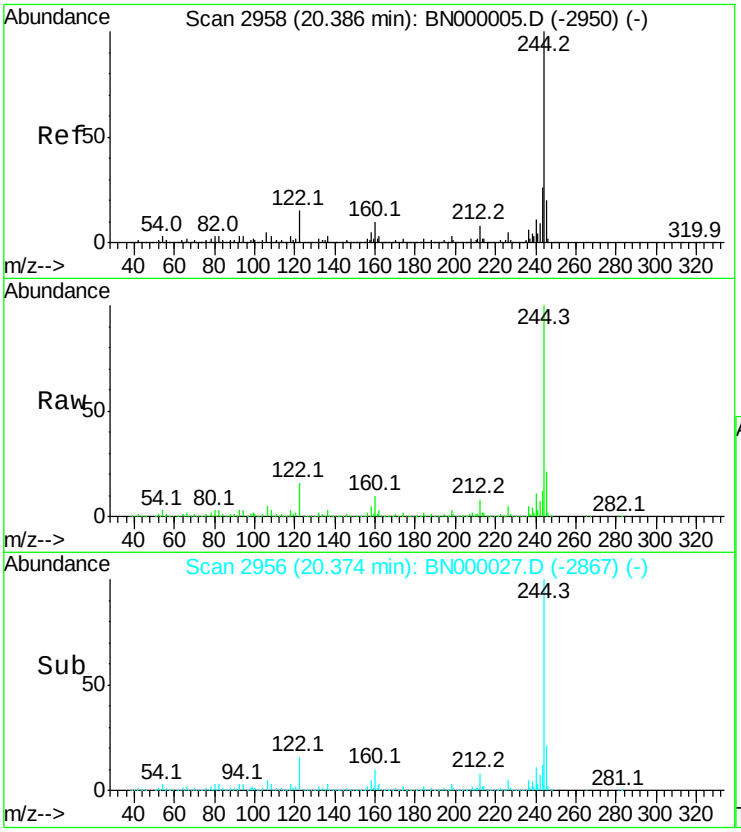


#77
Pyrene
Concen: 2.858 ng
RT: 20.19 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:202 Resp: 459057

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.1	13.9	20.9



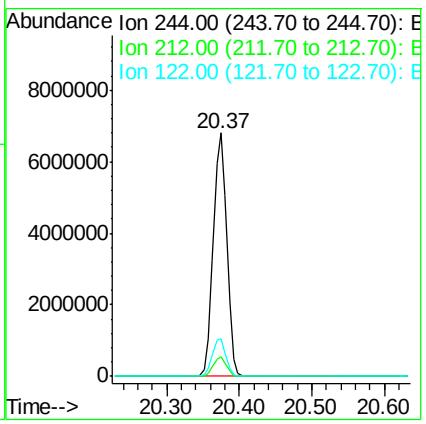


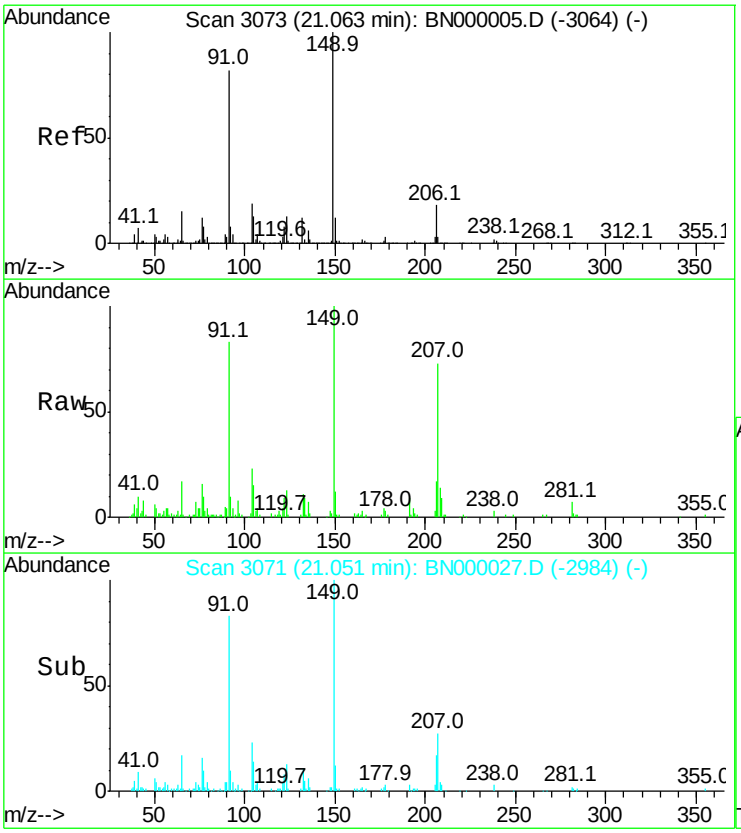
#78
Terphenyl-d14
Concen: 91.620 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8838098

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	15.6	7.0	10.4#

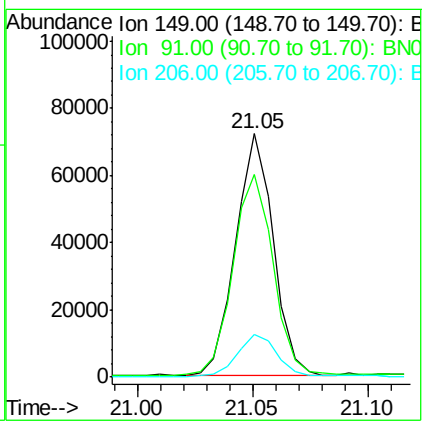


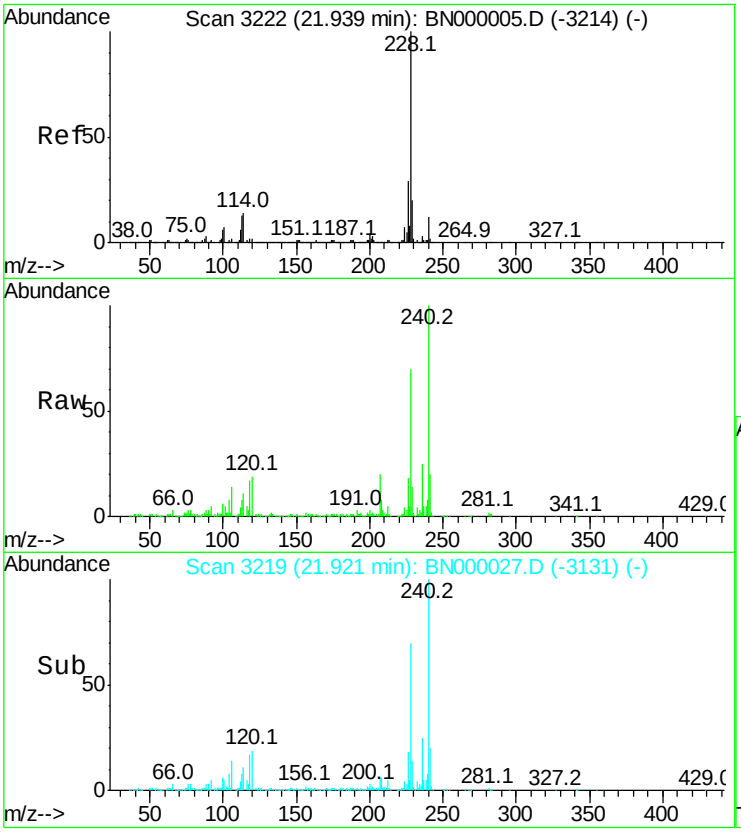


#79
Butylbenzylphthalate
Concen: 6.098 ng
RT: 21.05 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:149 Resp: 82119

Ion	Ratio	Lower	Upper
149	100		
91	83.3	62.2	93.2
206	17.4	18.6	27.8#



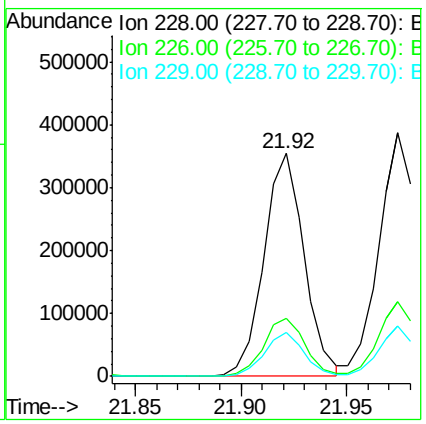


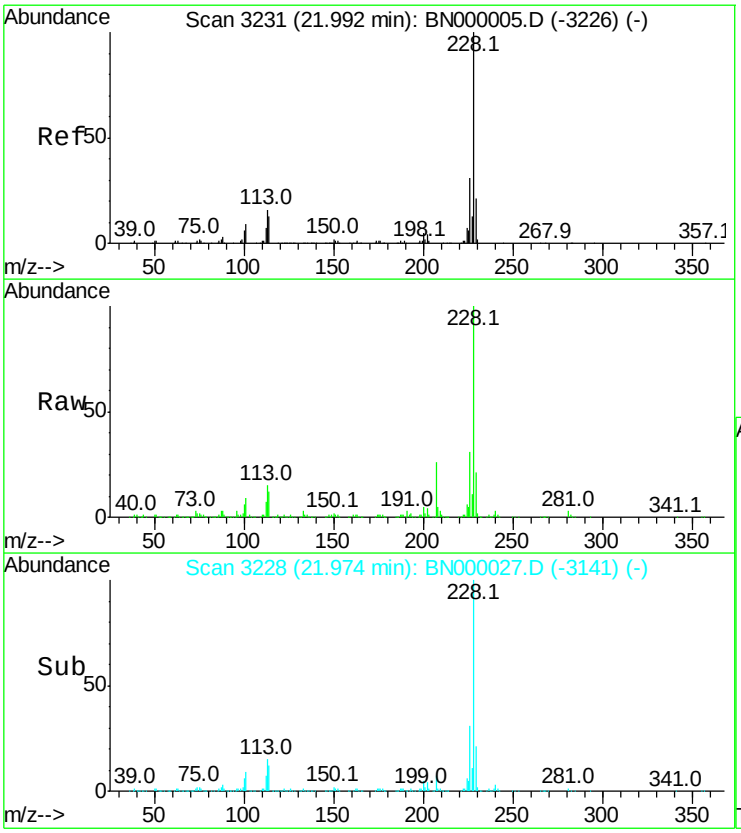
#80
Benzo(a)anthracene
Concen: 2.967 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 468355

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.7	34.1
229	19.5	16.2	24.2

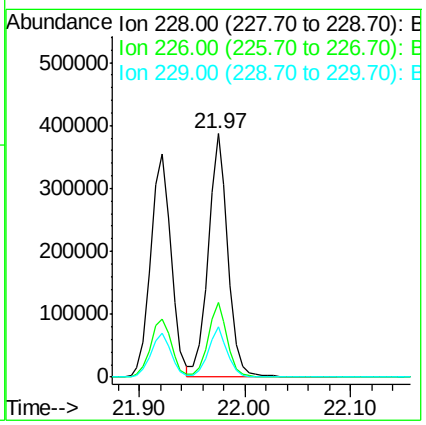


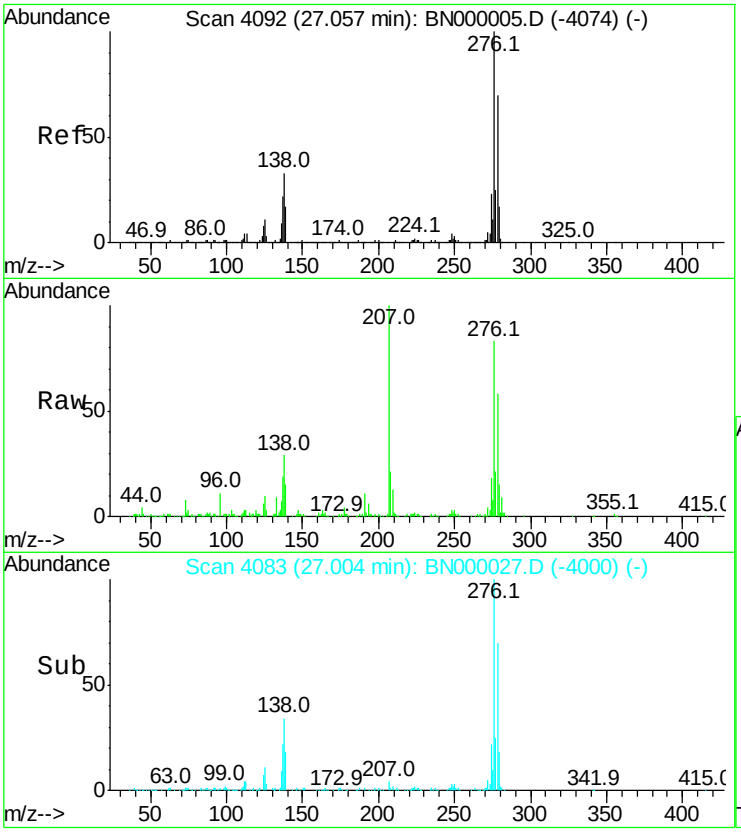


#82
Chrysene
Concen: 3.217 ng
RT: 21.97 min Scan# 3228
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:228 Resp: 504331

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.7	15.0	22.4



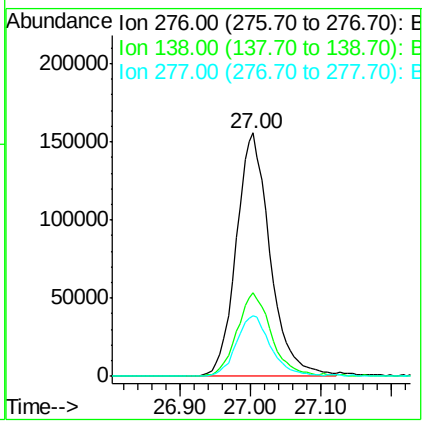


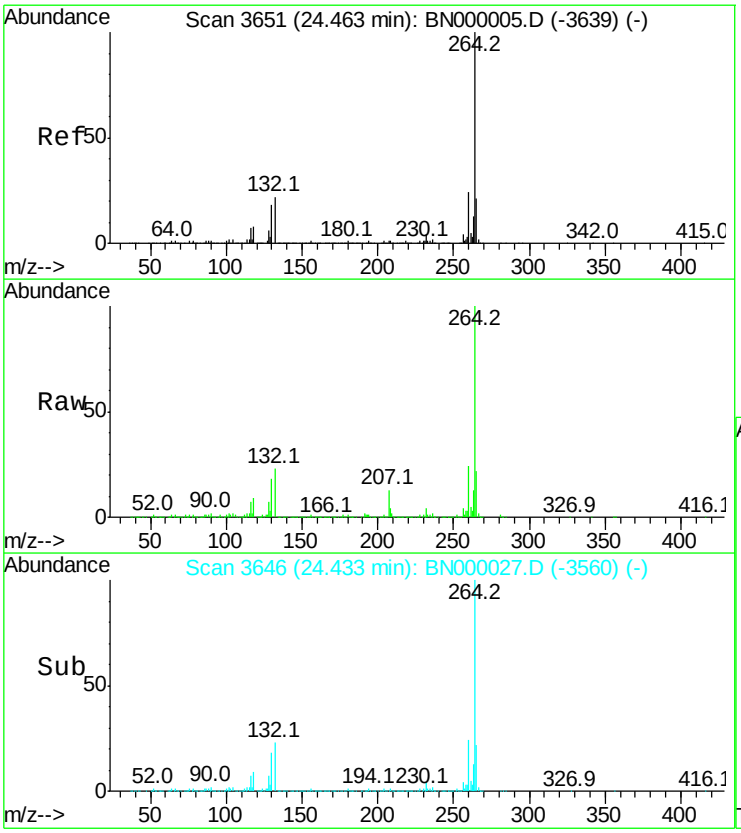
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.571 ng
RT: 27.00 min Scan# 4083
Delta R.T. -0.04 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 519900

Ion	Ratio	Lower	Upper
276	100		
138	34.7	16.0	24.0#
277	25.5	20.0	30.0

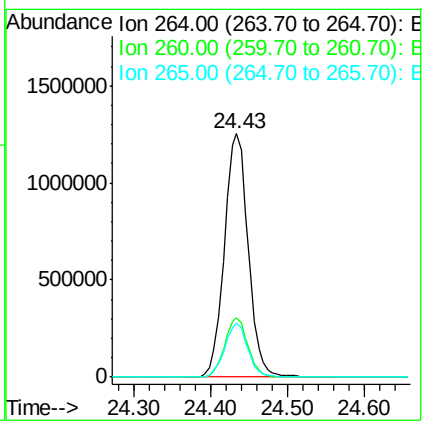


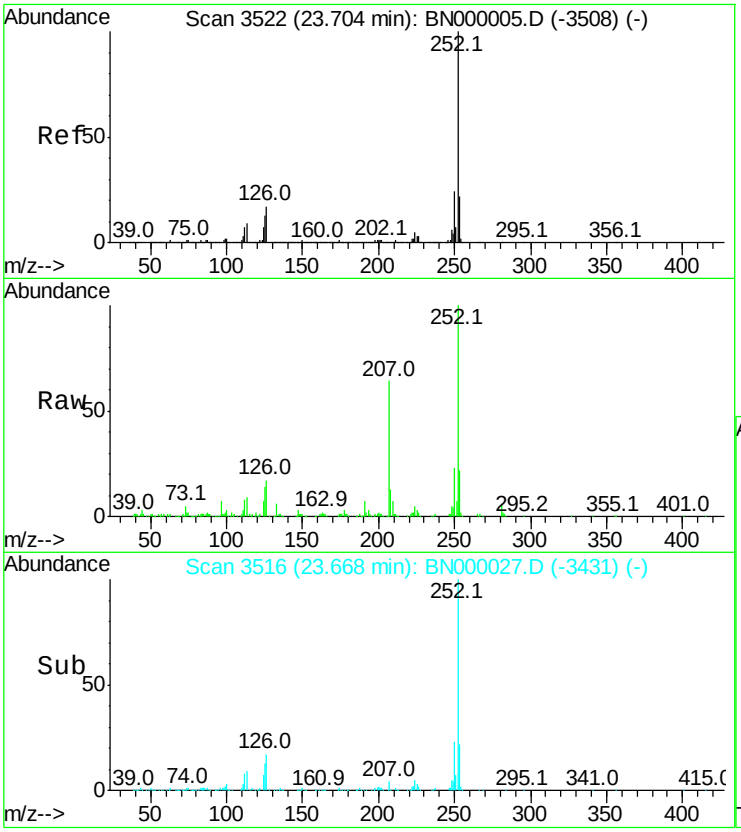


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.43 min Scan# 3646
Delta R.T. -0.02 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:264 Resp: 2706652

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.0	17.7	26.5



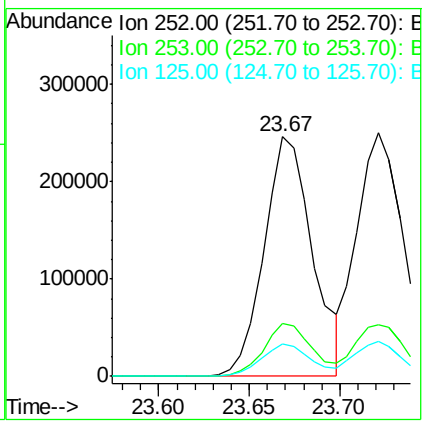


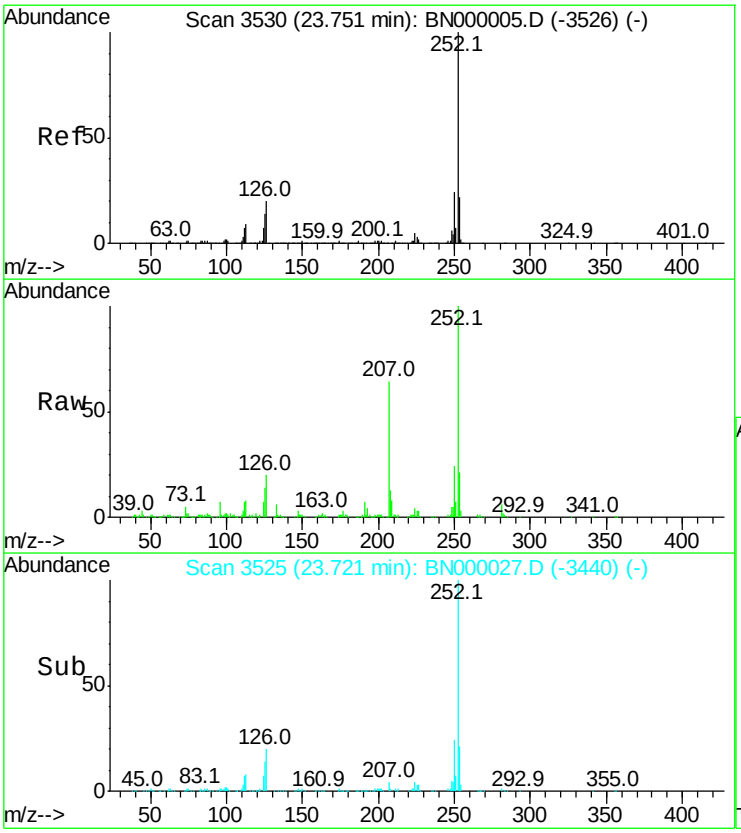
#87
Benzo(b)fluoranthene
Concen: 2.850 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.03 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 458673

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.5	7.2	10.8#

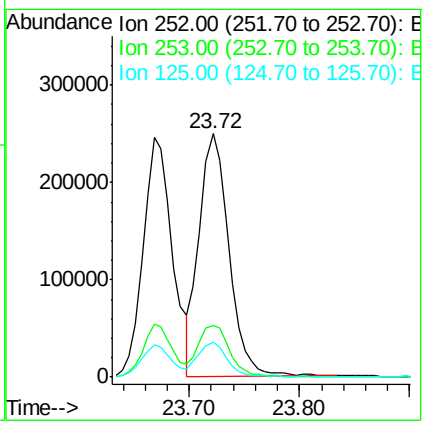


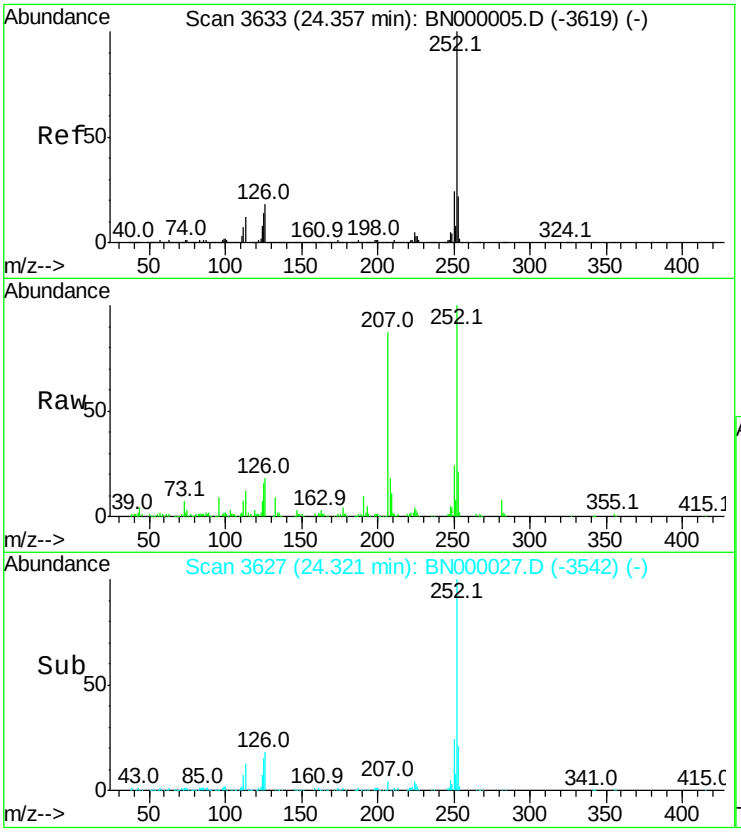


#88
Benzo(k)fluoranthene
Concen: 2.869 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.03 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:252 Resp: 462900

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	14.4	6.6	9.8#



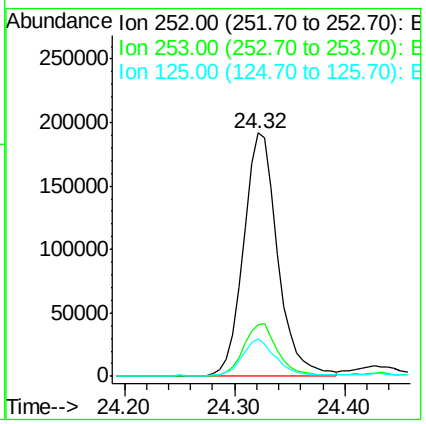


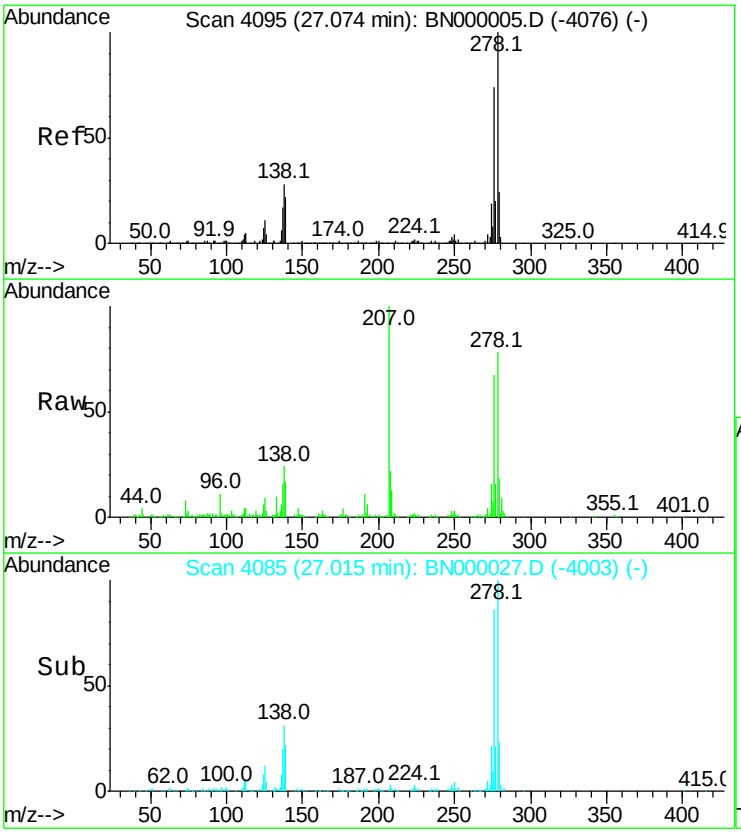
#89
Benzo(a)pyrene
Concen: 2.672 ng
RT: 24.32 min Scan# 3627
Delta R.T. -0.03 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 417796

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.3	27.5
125	15.5	7.3	10.9#

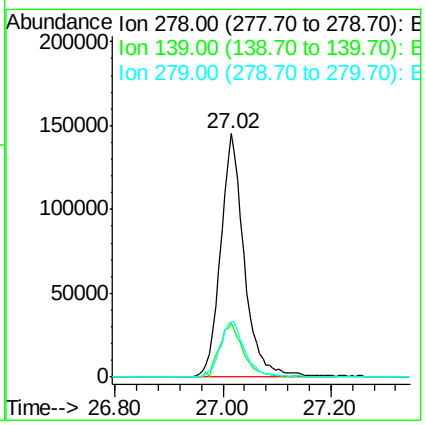


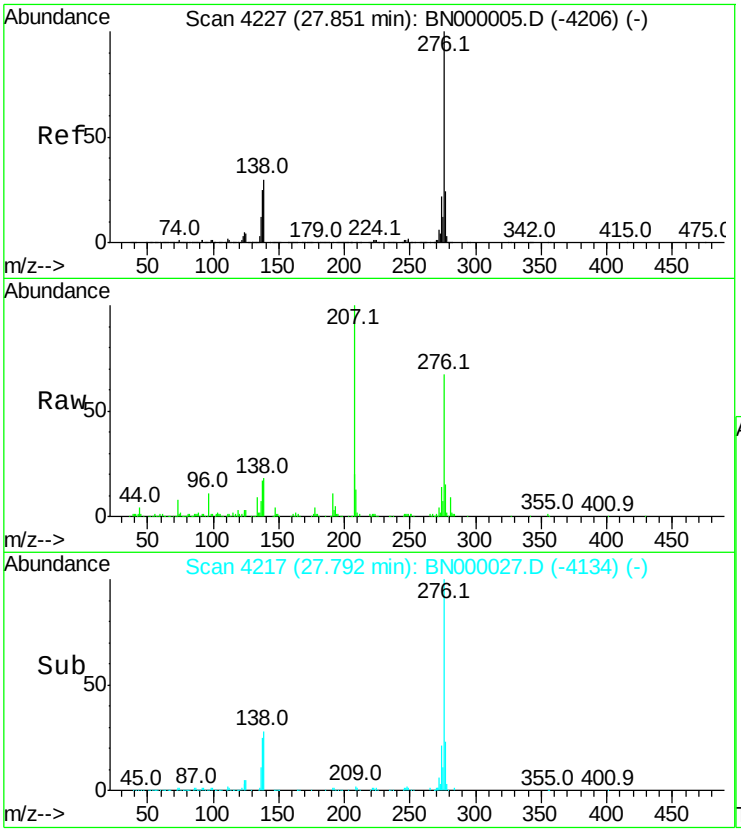


#90
Dibenzo(a,h)anthracene
Concen: 2.741 ng
RT: 27.02 min Scan# 4085
Delta R.T. -0.05 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Tgt Ion:278 Resp: 448489

Ion	Ratio	Lower	Upper
278	100		
139	22.0	9.8	14.6#
279	22.9	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 2.727 ng
RT: 27.79 min Scan# 4217
Delta R.T. -0.04 min
Lab File: BN000027.D
Acq: 06 Feb 2018 11:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 453539

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	27.6	13.9	20.9#