Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000014.D
Acq On : 05 Feb 2018 12:25
Operator :
Sample : MDL-S-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 06 05:20:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	338717	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1678736	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	1011128	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	2288439	20.00	ng		0.00
75) Chrysene-d12	21.96	240	2478930	20.00	ng		0.01
86) Perylene-d12	24.48	264	2566366	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2809503	122.30	ng		-0.01
7) Phenol-d6	7.59	99	4031583	115.54	ng		-0.01
23) Nitrobenzene-d5	9.65	82	2523609	90.90	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1270216	124.97	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6729305	89.13	ng		0.00
78) Terphenyl-d14	20.38	244	8479114	90.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	29915	3.292	ng		98
3) Pyridine	4.13	79	69856	2.534	ng		96
4) n-Nitrosodimethylamine	4.02	42	26256	3.238	ng	#	87
6) Aniline	7.78	93	136643	2.873	ng		92
8) 2-Chlorophenol	8.02	128	81360	3.201	ng		86
10) Phenol	7.62	94	108362	3.038	ng		92
11) bis(2-Chloroethyl)ether	7.87	93	88535	3.111	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	94329	3.343	ng		99
13) 1,4-Dichlorobenzene	8.51	146	93530	3.228	ng		97
14) 1,2-Dichlorobenzene	8.83	146	95156	3.324	ng		91
15) Benzyl Alcohol	8.70	79	62280	2.430	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.00	45	98066	3.186	ng		80
17) 2-Methylphenol	8.90	107	67179	2.612	ng		96
18) Hexachloroethane	9.58	117	30972	3.117	ng	#	75
19) n-Nitroso-di-n-propylamine	9.28	70	60894	2.590	ng	#	87
20) 3+4-Methylphenols	9.23	107	89548	2.486	ng		93
22) Acetophenone	9.30	105	150605	3.037	ng	#	88
24) Nitrobenzene	9.69	77	109267	3.670	ng		97
25) Isophorone	10.22	82	165905	2.523	ng		98
27) 2,4-Dimethylphenol	10.45	122	81428	3.020	ng		93
28) bis(2-Chloroethoxy)methane	10.70	93	113251	2.986	ng		96
29) 2,4-Dichlorophenol	10.95	162	51572	2.229	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	90368	3.336	ng		95
31) Naphthalene	11.36	128	313381	3.329	ng		97
32) Benzoic acid	10.45	122	81428	11.764	ng	#	6
33) 4-Chloroaniline	11.46	127	116587	2.671	ng		96
34) Hexachlorobutadiene	11.65	225	47816	3.464	ng		98
36) 4-Chloro-3-methylphenol	12.54	107	65025	2.067	ng		97
37) 2-Methylnaphthalene	12.95	142	208629	3.136	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	97875	3.323	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	26510	2.695	ng		99
42) 2,4,6-Trichlorophenol	13.52	196	35796	2.056	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	41943	2.046	ng	#	90
45) 1,1'-Biphenyl	13.93	154	315040	3.487	ng		98

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000014.D
Acq On : 05 Feb 2018 12:25
Operator :
Sample : MDL-S-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 06 05:20:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.97	162	221647	3.268	ng		98
48) Acenaphthylene	14.81	152	320802	2.817	ng		97
49) Dimethylphthalate	14.52	163	256031	2.833	ng		100
51) Acenaphthene	15.15	154	229461	3.193	ng		98
53) 2,4-Dinitrophenol	15.17	184	6364	6.211	ng		92
54) Dibenzofuran	15.47	168	340551	3.302	ng		96
57) Fluorene	16.12	166	274476	3.161	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	34946	2.093	ng	#	83
59) Diethylphthalate	15.87	149	253579	2.686	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	124378	3.241	ng	#	88
62) Azobenzene	16.40	77	253007	2.681	ng		91
65) n-Nitrosodiphenylamine	16.32	169	221853	2.967	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	65320	3.050	ng	#	86
67) Hexachlorobenzene	17.11	284	83296	3.376	ng	#	84
68) Atrazine	17.24	200	55879	2.451	ng		92
70) Phenanthrene	17.85	178	464135	3.371	ng		97
71) Anthracene	17.94	178	399213	2.927	ng		97
72) Carbazole	18.20	167	397099	2.814	ng		97
74) Fluoranthene	19.83	202	442511	2.830	ng		94
77) Pyrene	20.19	202	500267	3.199	ng		99
80) Benzo(a)anthracene	21.95	228	483698	3.147	ng		98
81) 3,3'-Dichlorobenzidine	21.86	252	106945	2.076	ng	#	98
82) Chrysene	22.00	228	524394	3.435	ng		98
85) Indeno(1,2,3-cd)pyrene	27.06	276	504718	2.563	ng	#	86
87) Benzo(b)fluoranthene	23.72	252	449614	2.947	ng	#	94
88) Benzo(k)fluoranthene	23.76	252	480297	3.139	ng	#	95
89) Benzo(a)pyrene	24.37	252	402603	2.716	ng	#	94
90) Dibenzo(a,h)anthracene	27.08	278	424022	2.733	ng	#	92
91) Benzo(g,h,i)perylene	27.84	276	428325	2.716	ng	#	88

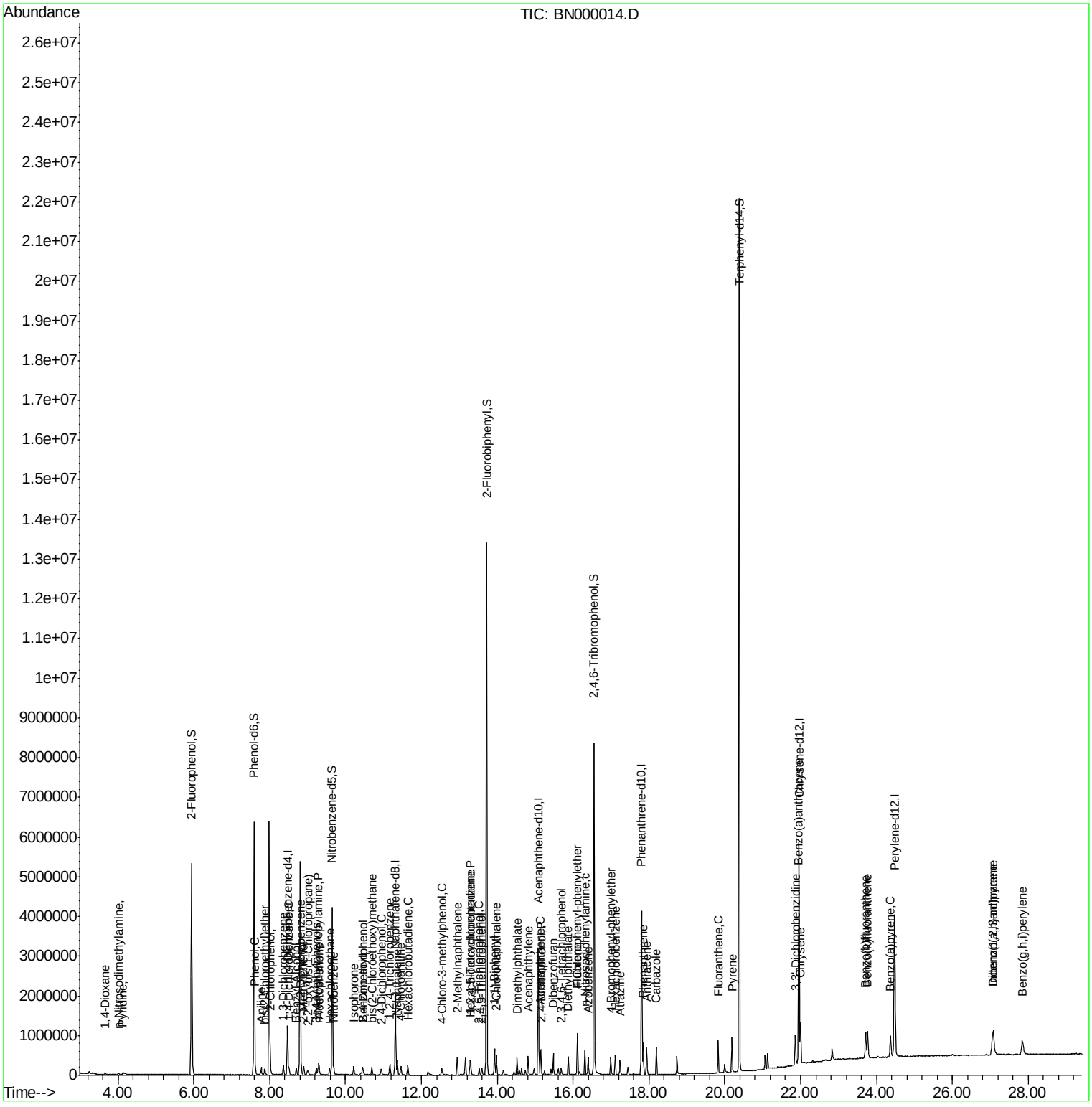
(#) = qualifier out of range (m) = manual integration (+) = signals summed

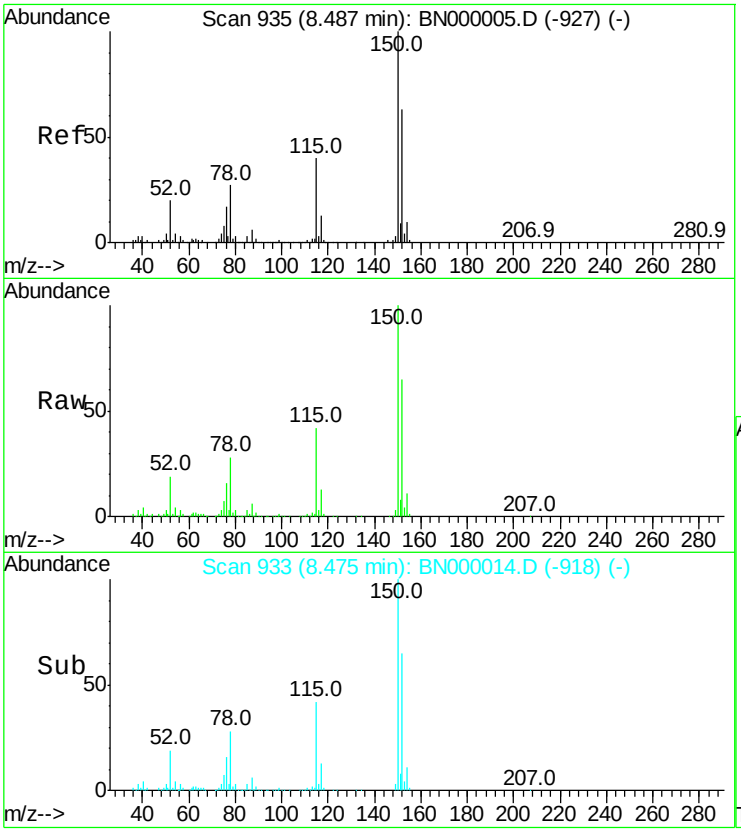
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000014.D
Acq On : 05 Feb 2018 12:25
Operator :
Sample : MDL-S-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 05:20:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration



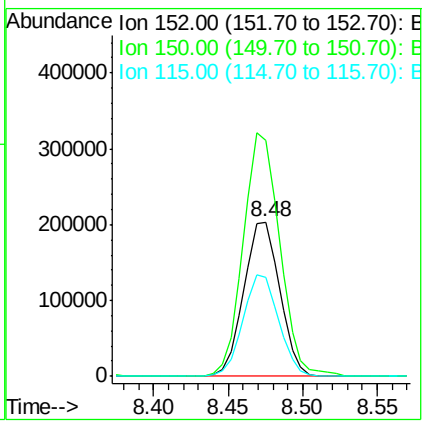


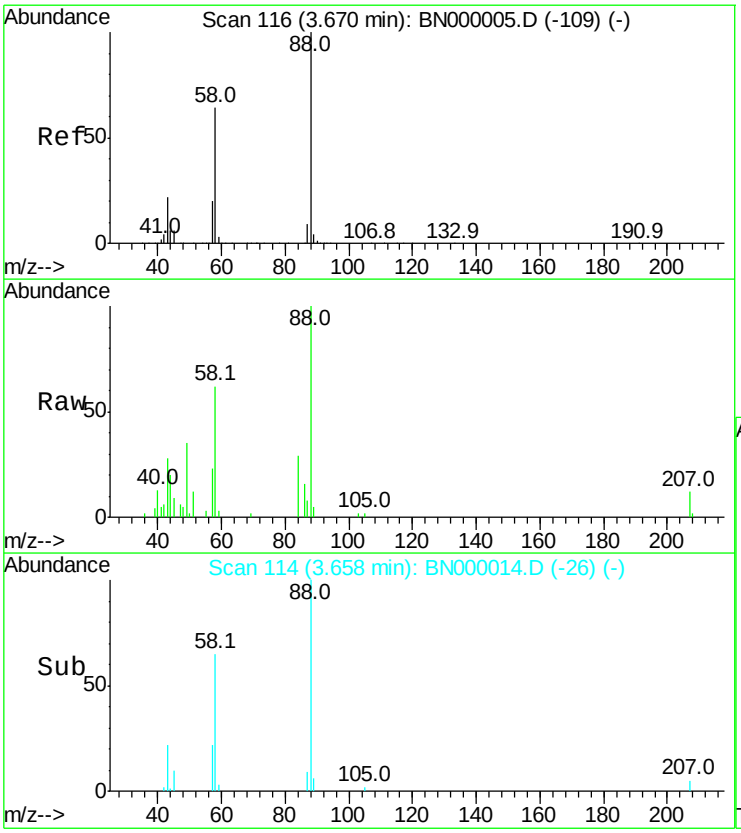
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 338717

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	64.7	53.0	79.4

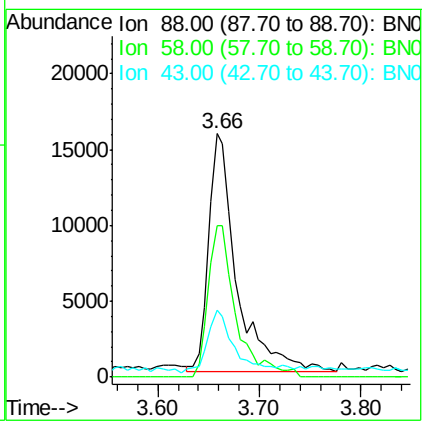


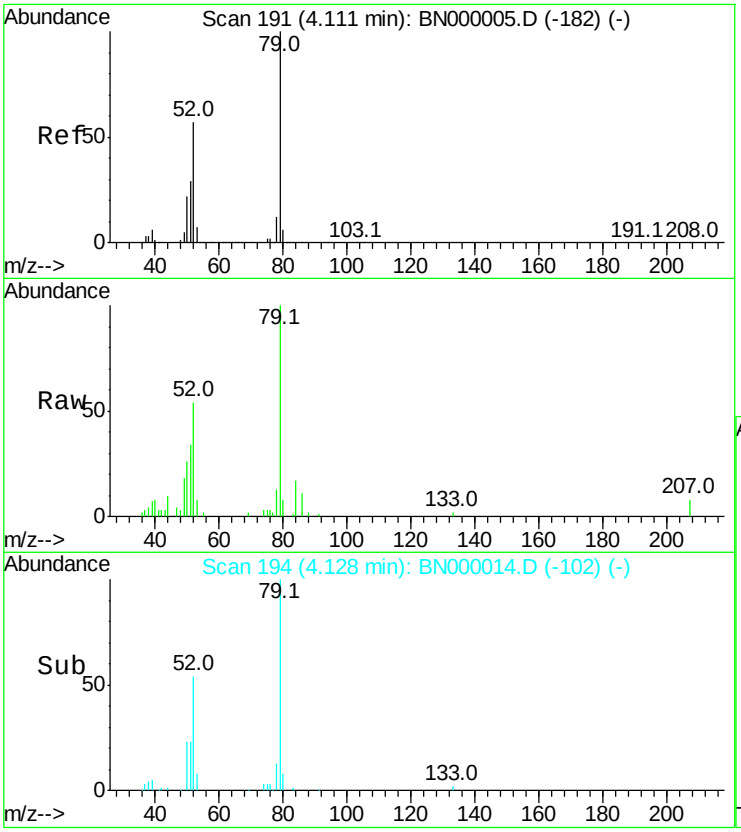


#2
1,4-Dioxane
Concen: 3.292 ng
RT: 3.66 min Scan# 114
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 88 Resp: 29915

Ion	Ratio	Lower	Upper
88	100		
58	63.4	52.0	78.0
43	24.7	20.0	30.0



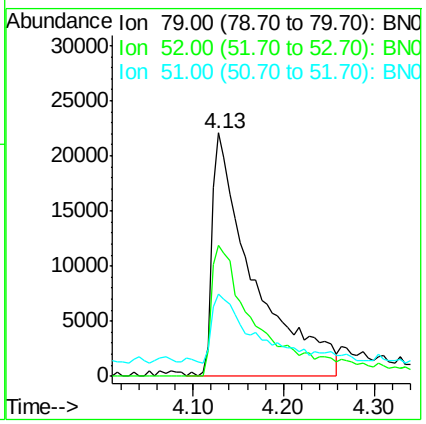


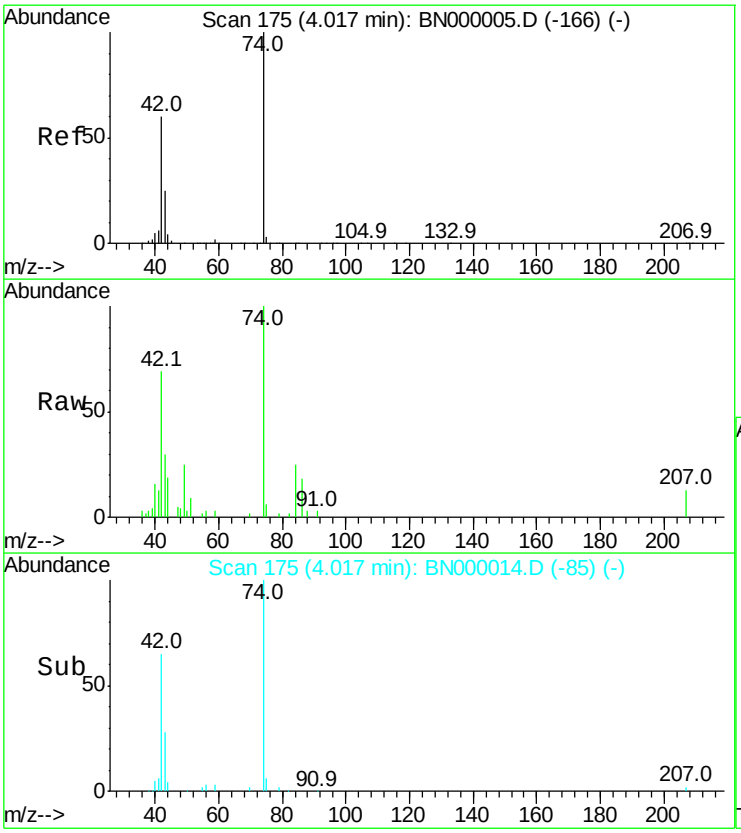
#3
Pyridine
Concen: 2.534 ng
RT: 4.13 min Scan# 194
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 69856

Ion	Ratio	Lower	Upper
79	100		
52	53.5	44.0	66.0
51	33.7	24.0	36.0

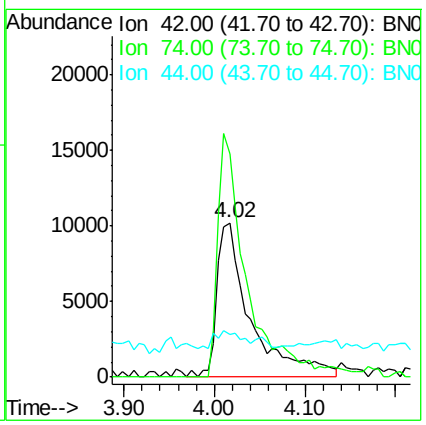


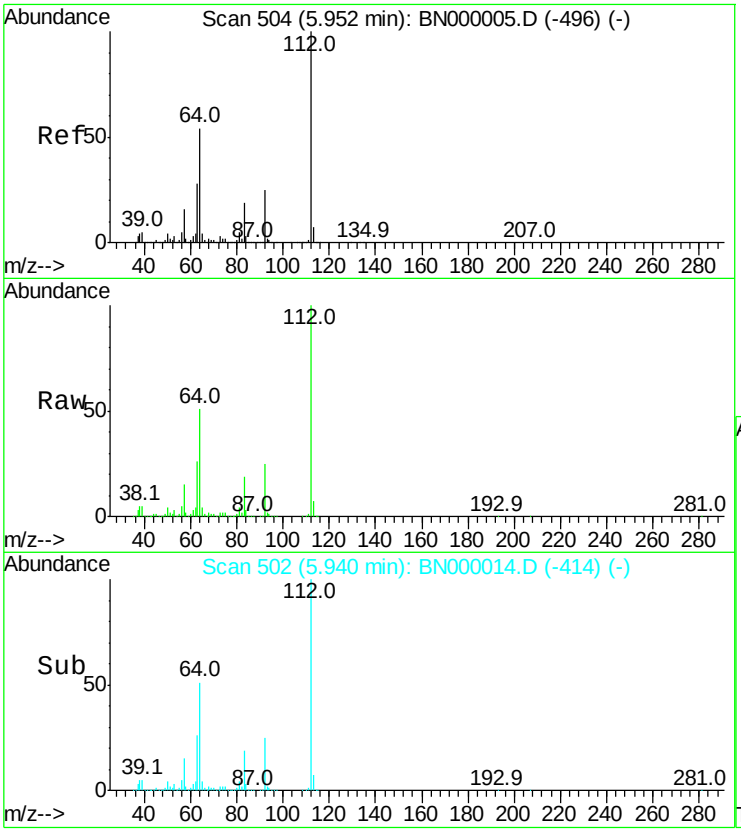


#4
n-Nitrosodimethylamine
Concen: 3.238 ng
RT: 4.02 min Scan# 175
Delta R.T. -0.00 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 42 Resp: 26256

Ion	Ratio	Lower	Upper
42	100		
74	144.9	128.0	192.0
44	27.5	12.0	18.0#



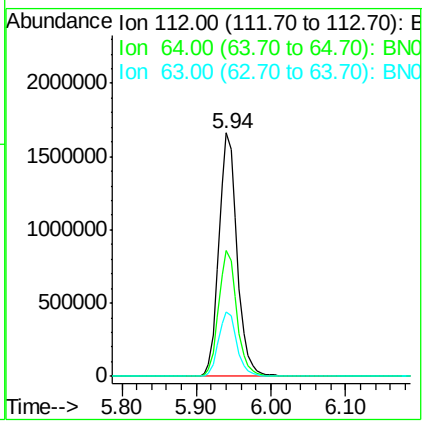


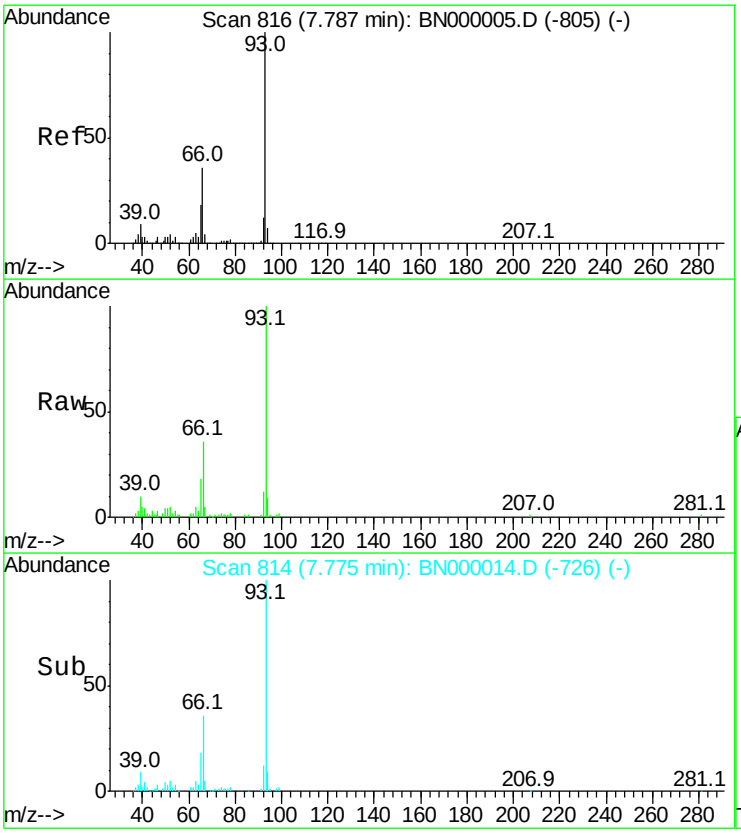
#5
2-Fluorophenol
Concen: 122.297 ng
RT: 5.94 min Scan# 502
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2809503

Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5#
63	26.4	30.1	45.1#

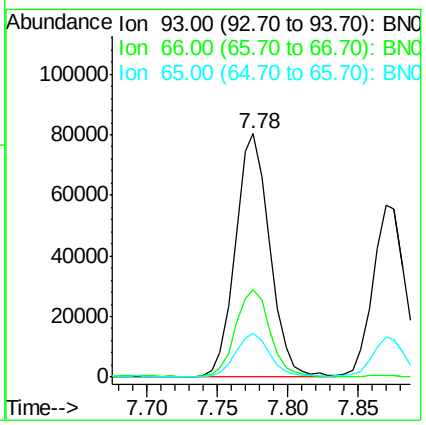


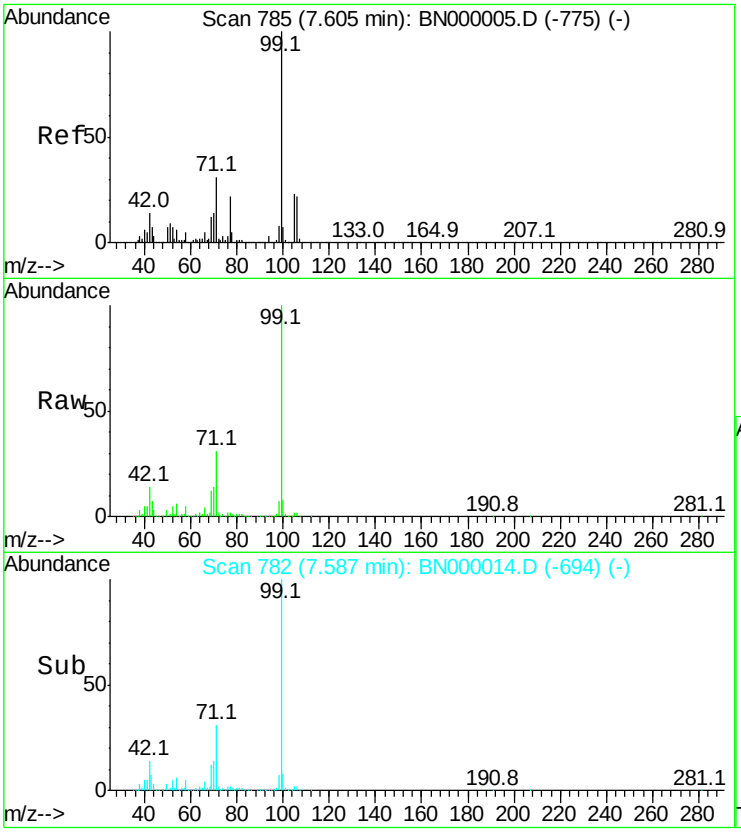


#6
Aniline
Concen: 2.873 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 93 Resp: 136643

Ion	Ratio	Lower	Upper
93	100		
66	35.8	33.7	50.5
65	17.9	16.1	24.1



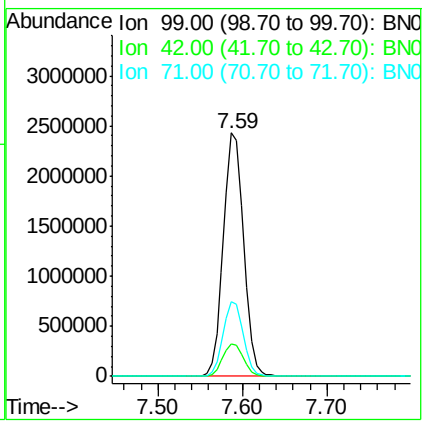


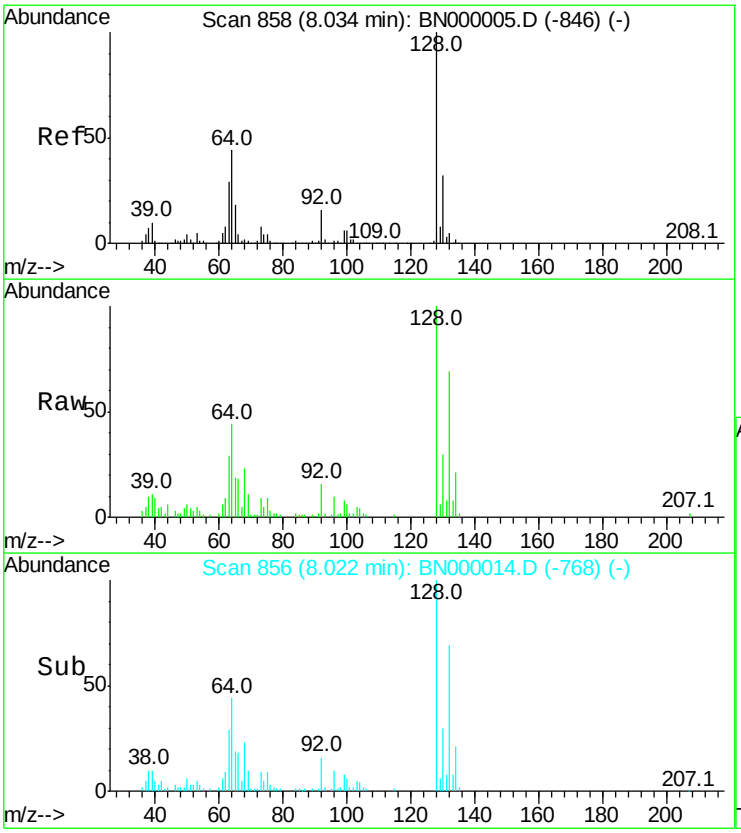
#7
Phenol-d6
Concen: 115.536 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4031583

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.1	21.1#
71	30.7	26.1	39.1

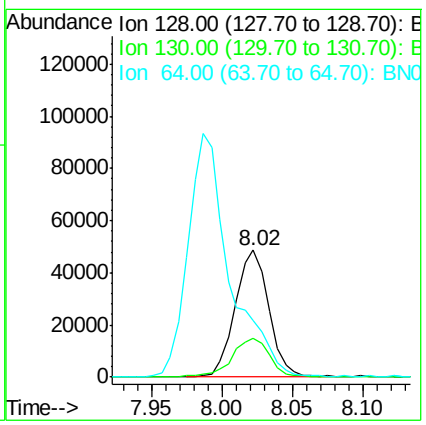


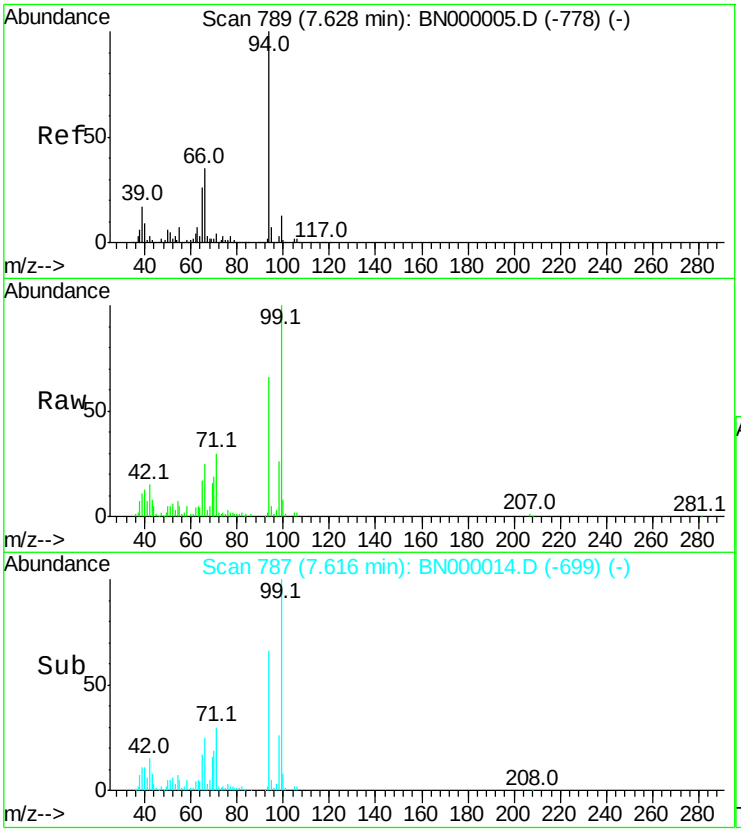


#8
2-Chlorophenol
Concen: 3.201 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:128 Resp: 81360

Ion	Ratio	Lower	Upper
128	100		
130	30.2	14.0	54.0
64	44.4	37.7	77.7



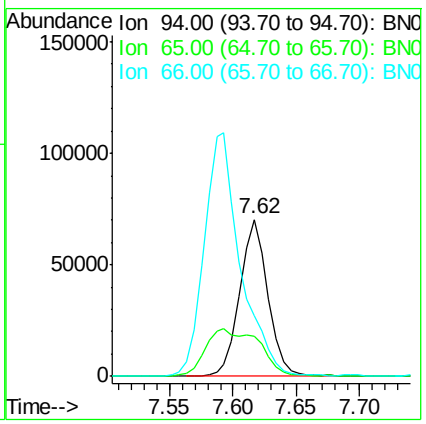


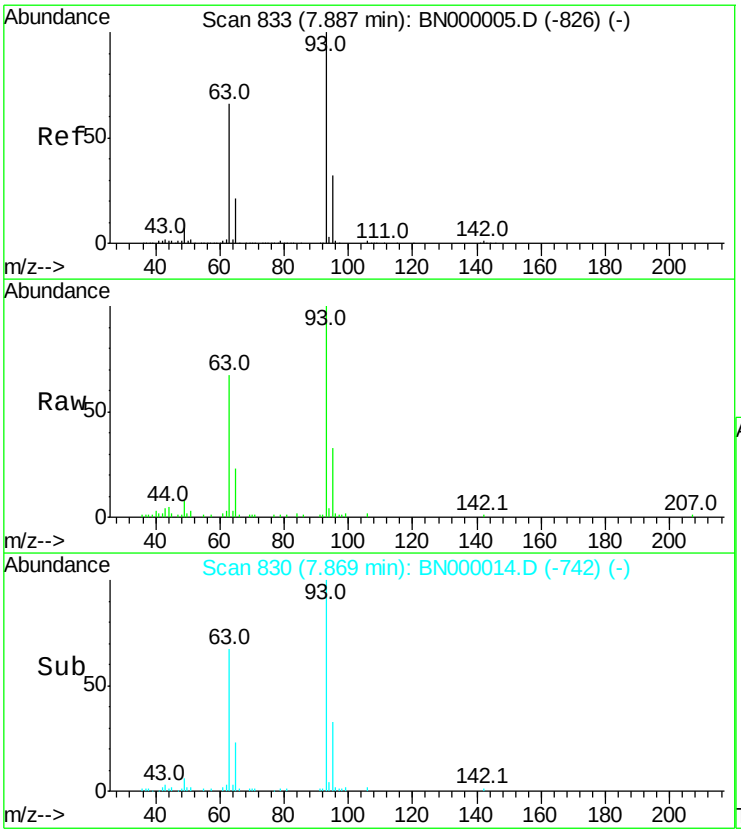
#10
Phenol
Concen: 3.038 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 108362

Ion	Ratio	Lower	Upper
94	100		
65	25.2	11.9	51.9
66	38.6	22.2	62.2

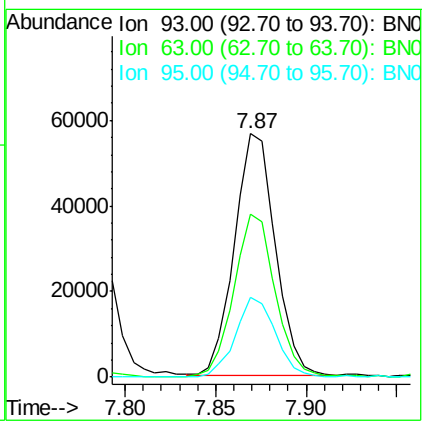


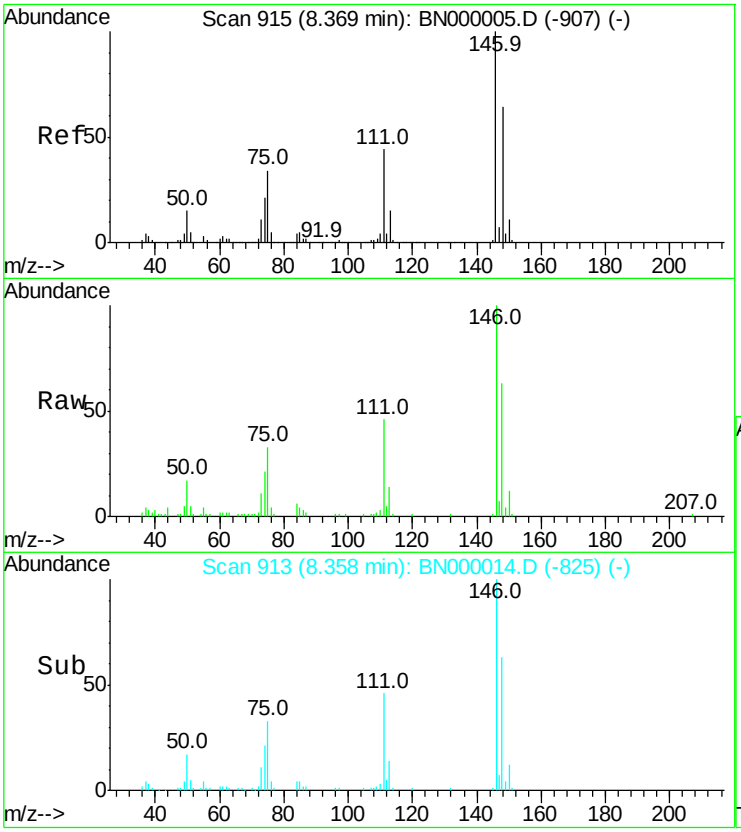


#11
bis(2-Chloroethyl)ether
Concen: 3.111 ng
RT: 7.87 min Scan# 830
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 93 Resp: 88535

Ion	Ratio	Lower	Upper
93	100		
63	67.0	67.1	107.1#
95	32.7	11.5	51.5



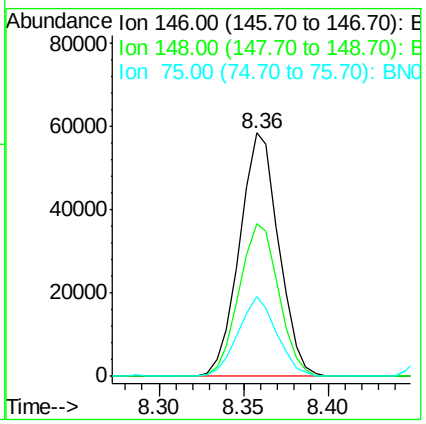


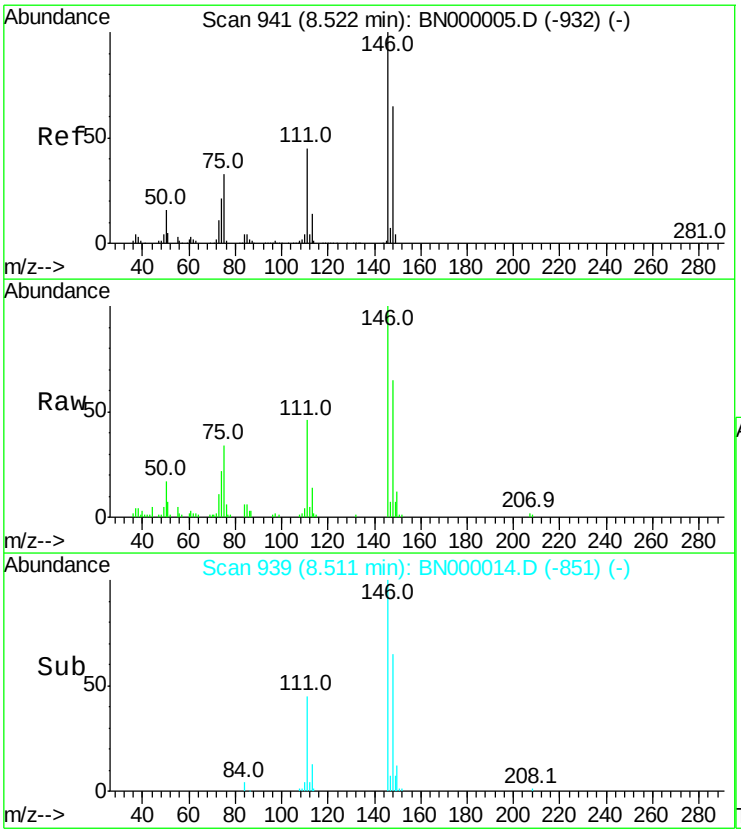
#12
1,3-Dichlorobenzene
Concen: 3.343 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 94329

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
75	32.8	26.6	39.8

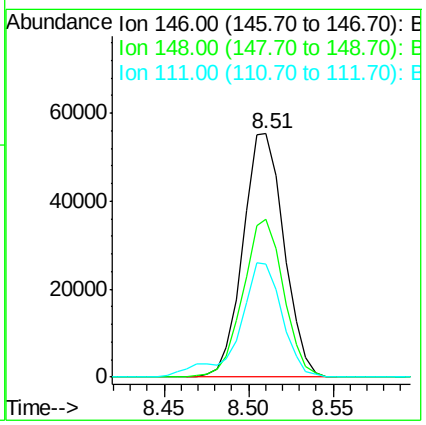


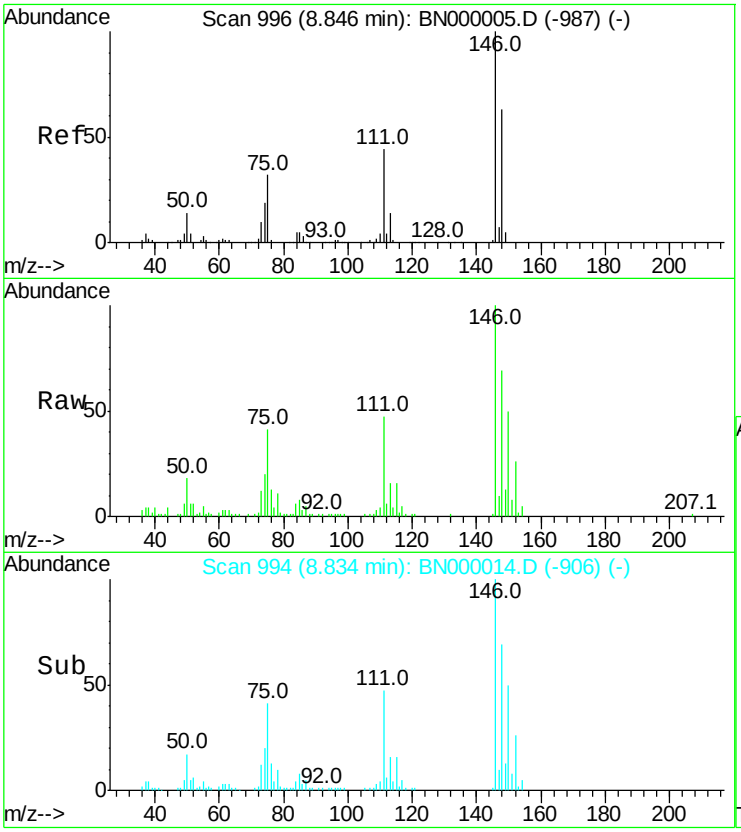


#13
1,4-Dichlorobenzene
Concen: 3.228 ng
RT: 8.51 min Scan# 939
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:146 Resp: 93530

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.7	80.5
111	46.3	35.2	52.8



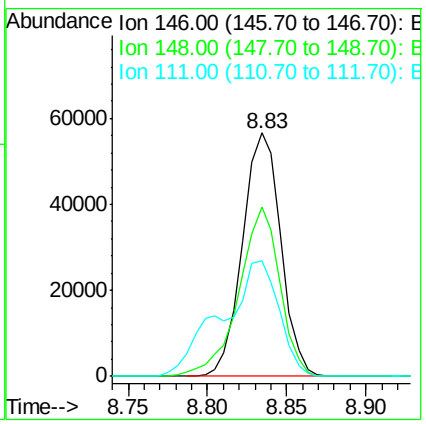


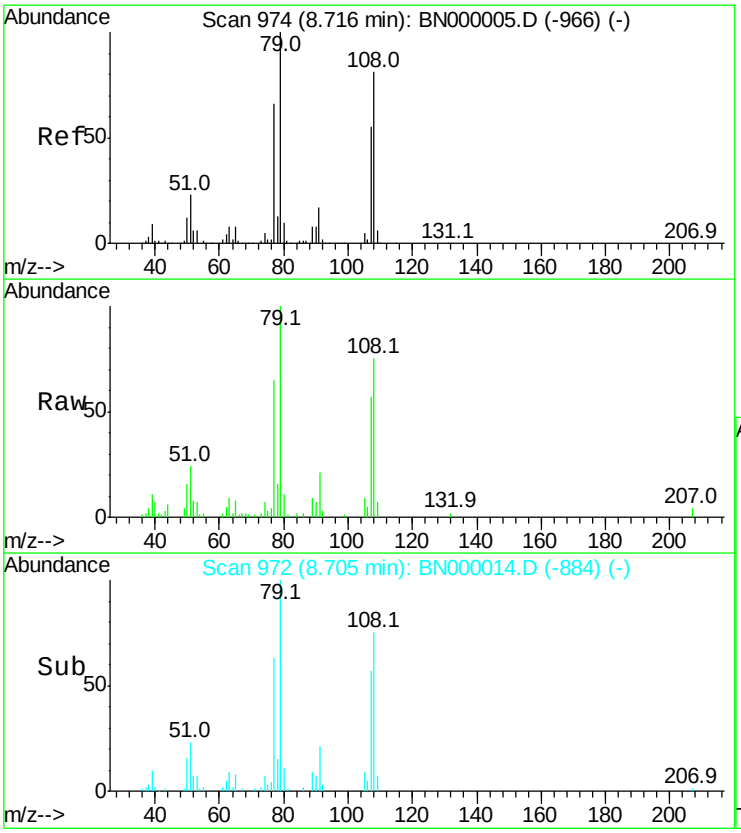
#14
1,2-Dichlorobenzene
Concen: 3.324 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 95156

Ion	Ratio	Lower	Upper
146	100		
148	69.4	49.3	73.9
111	47.3	34.3	51.5

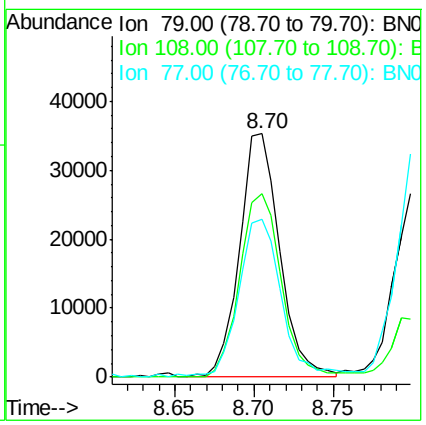


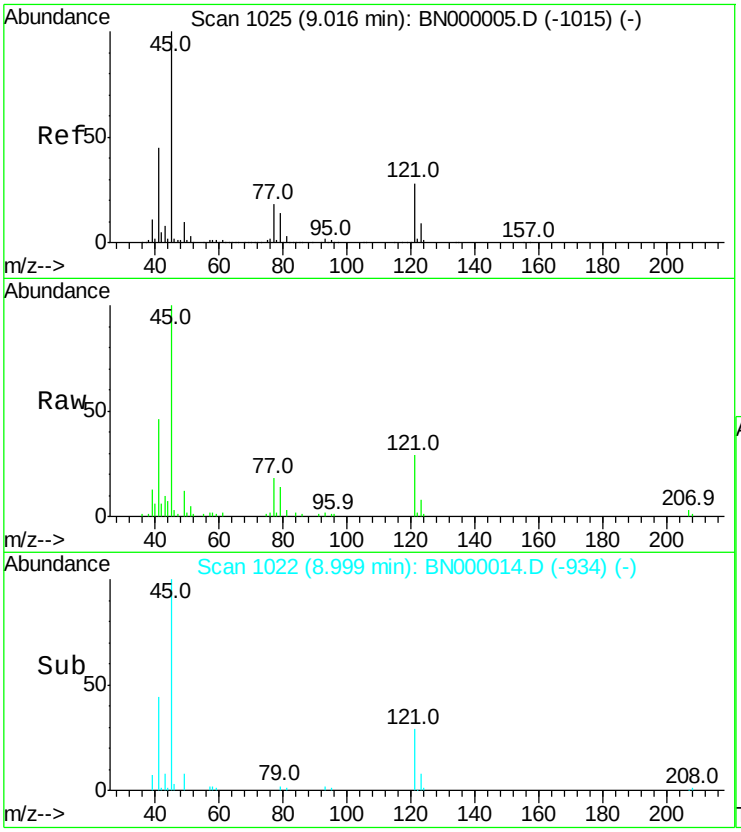


#15
Benzyl Alcohol
Concen: 2.430 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 79 Resp: 62280

Ion	Ratio	Lower	Upper
79	100		
108	75.2	57.2	85.8
77	64.7	46.1	69.1



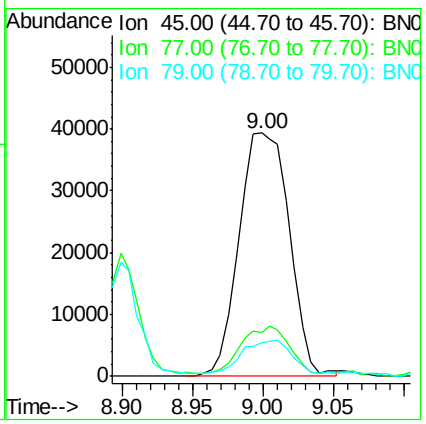


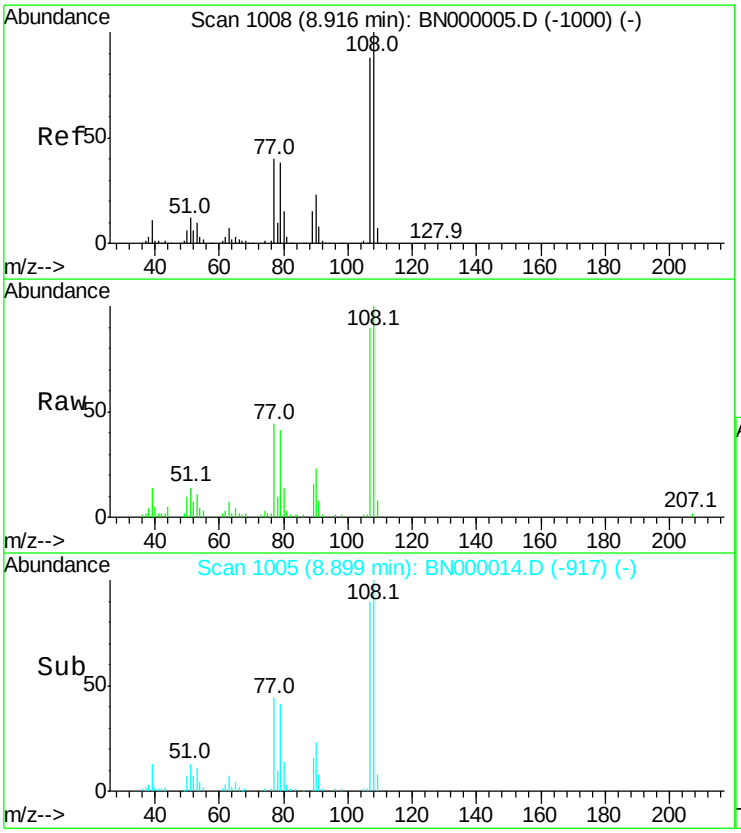
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.186 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 45 Resp: 98066

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	30.2
79	14.1	0.0	27.9

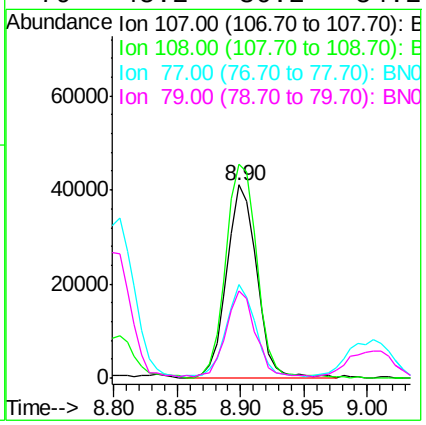


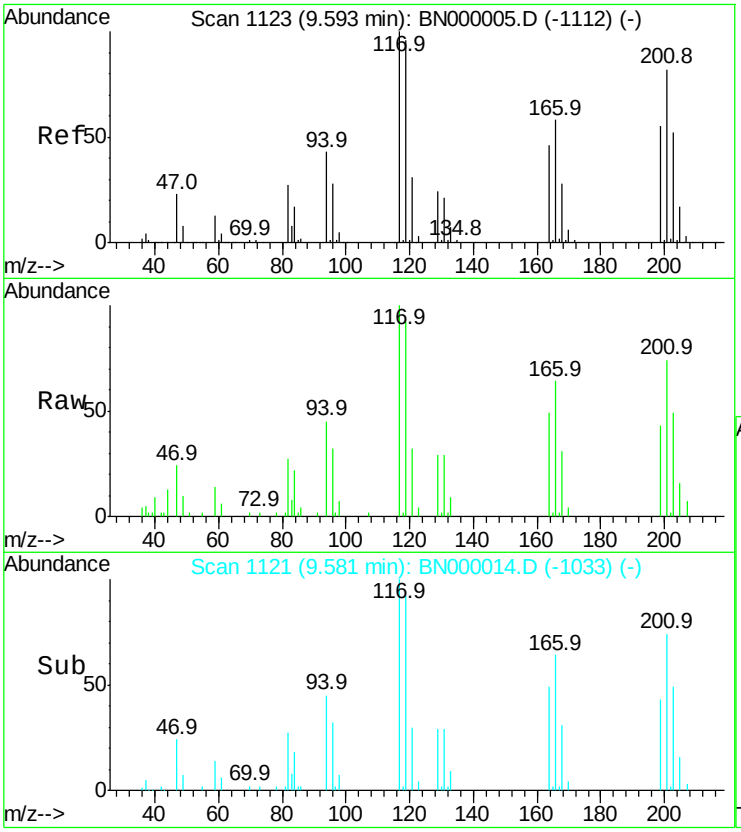


#17
2-Methylphenol
Concen: 2.612 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:107 Resp: 67179

Ion	Ratio	Lower	Upper
107	100		
108	110.9	83.9	125.9
77	48.5	37.2	55.8
79	45.2	36.2	54.2



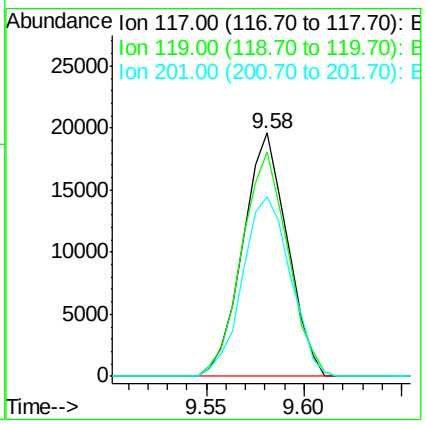


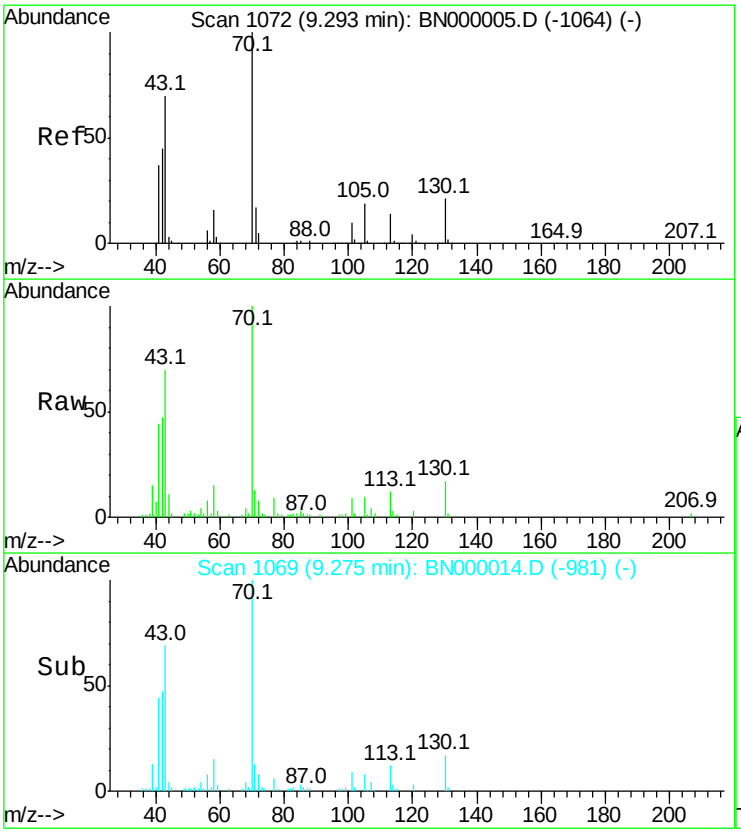
#18
Hexachloroethane
Concen: 3.117 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 30972

Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.7	115.1
201	73.7	95.7	143.5#

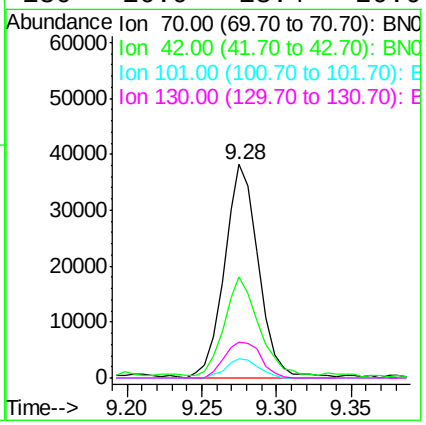


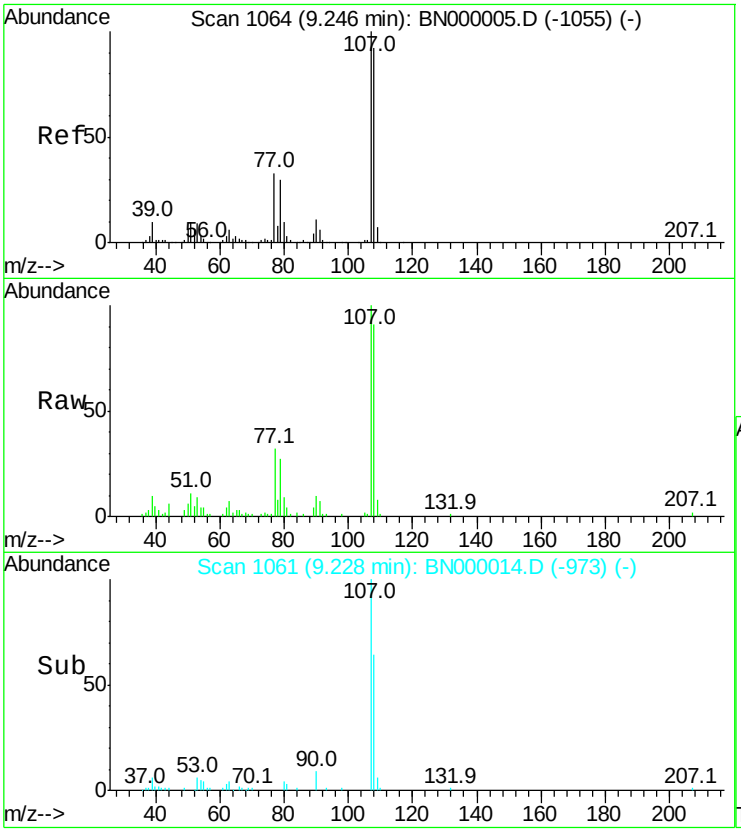


#19
n-Nitroso-di-n-propylamine
Concen: 2.590 ng
RT: 9.28 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 70 Resp: 60894

Ion	Ratio	Lower	Upper
70	100		
42	47.1	49.1	73.7#
101	9.1	8.5	12.7
130	16.9	13.4	20.0



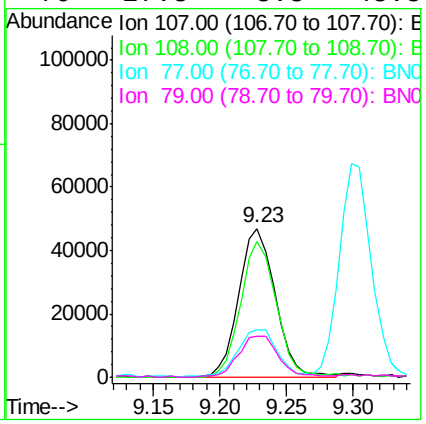


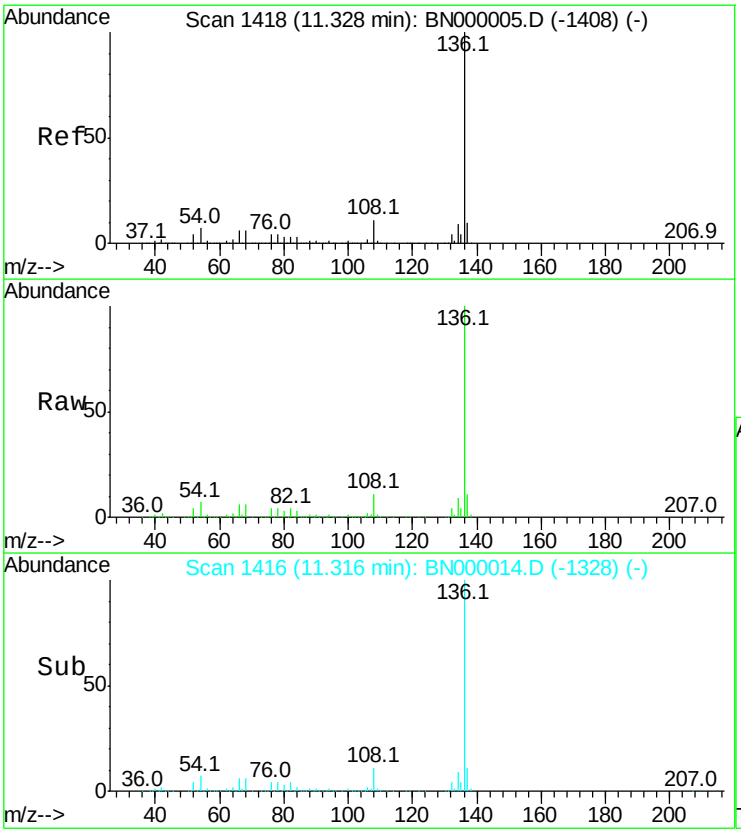
#20
3+4-Methylphenols
Concen: 2.486 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 89548

Ion	Ratio	Lower	Upper
107	100		
108	91.2	61.6	101.6
77	32.0	13.9	53.9
79	27.3	8.8	48.8

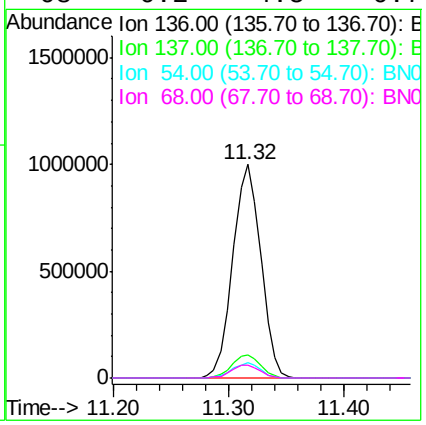


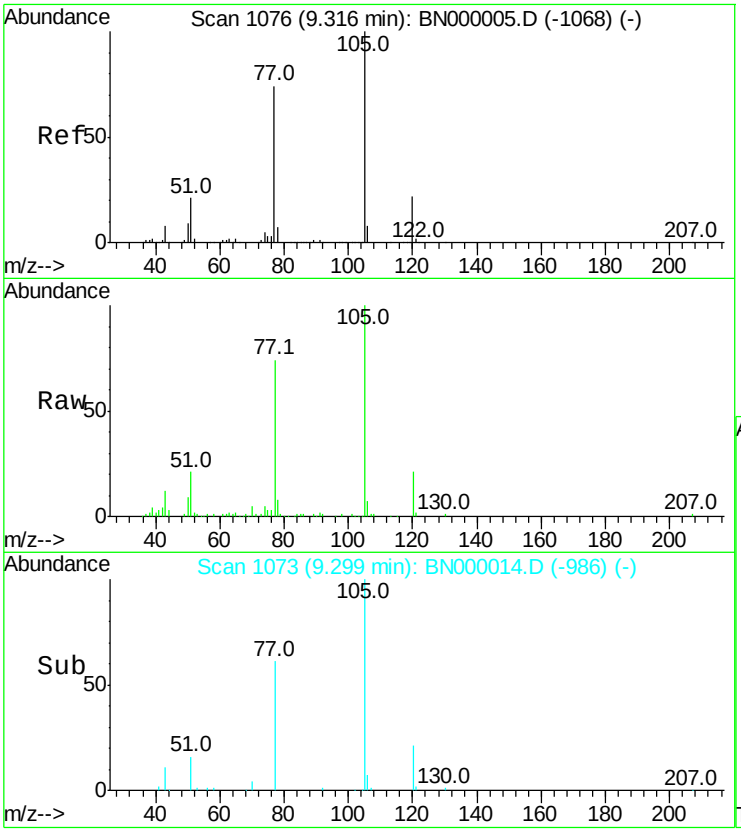


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:136 Resp: 1678736

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.0	10.3	15.5#
68	6.2	4.5	6.7



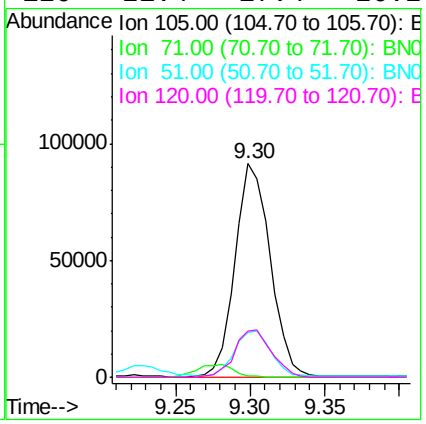


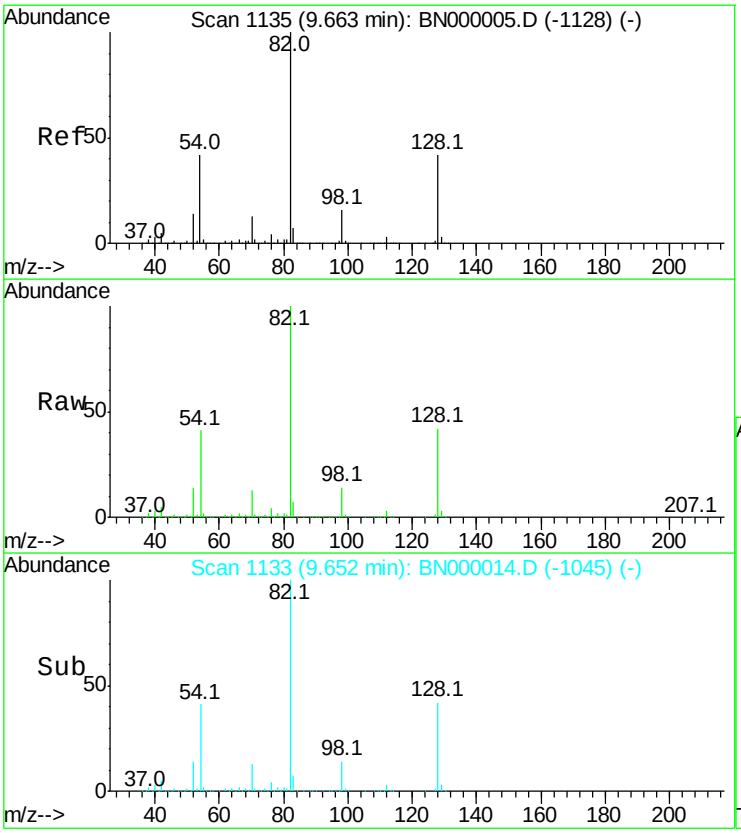
#22
Acetophenone
Concen: 3.037 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 150605

Ion	Ratio	Lower	Upper
105	100		
71	0.8	3.0	4.4#
51	21.0	26.1	39.1#
120	21.4	17.4	26.2

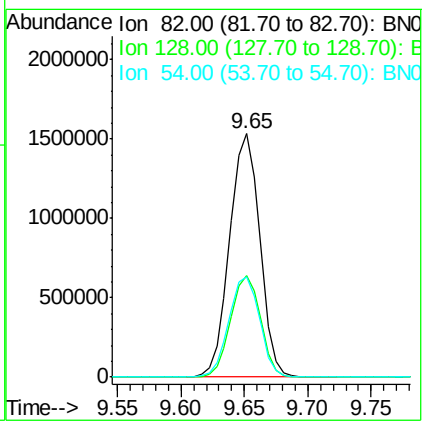


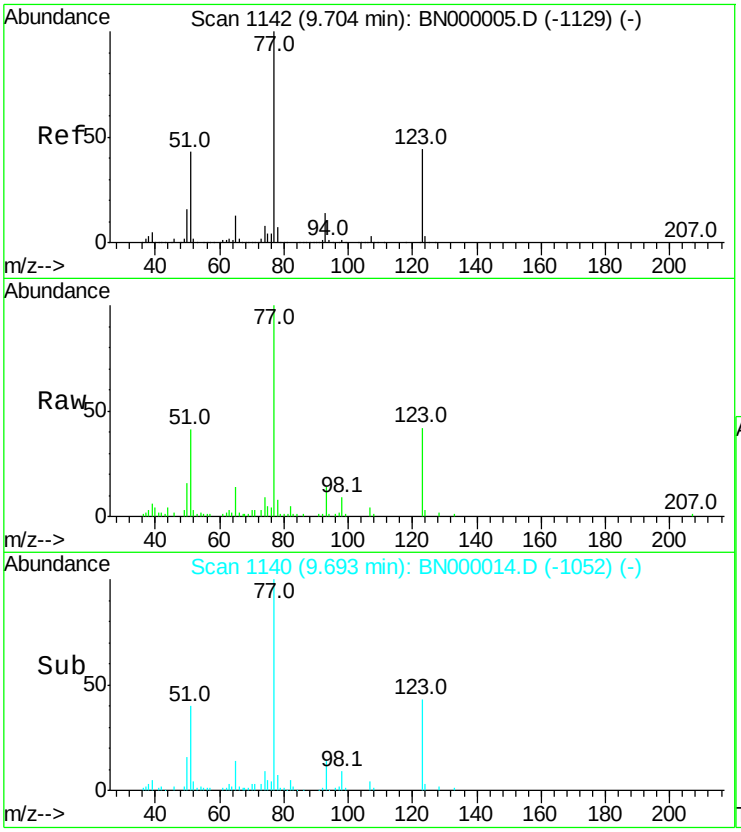


#23
Nitrobenzene-d5
Concen: 90.902 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 82 Resp: 2523609

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.7	44.5
54	41.4	43.1	64.7#



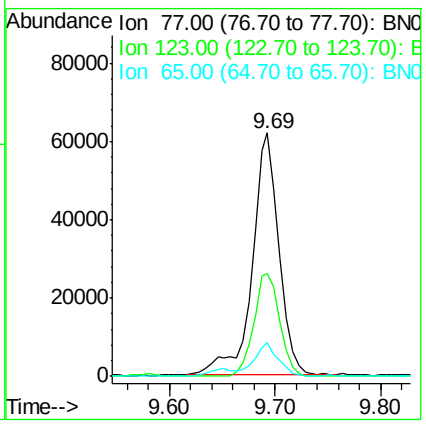


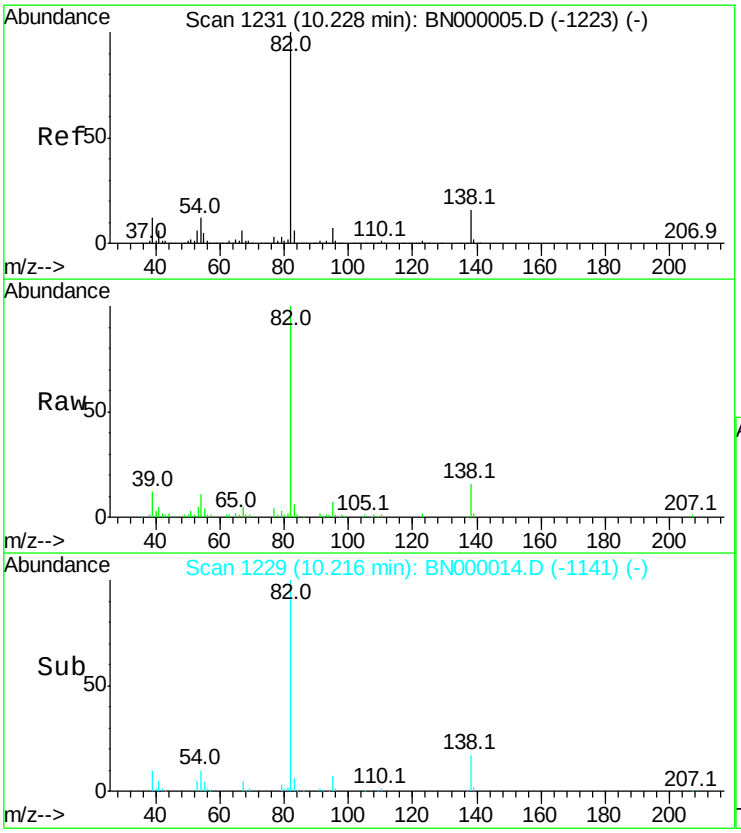
#24
Nitrobenzene
Concen: 3.670 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 109267

Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.0	49.6
65	13.7	13.0	19.6

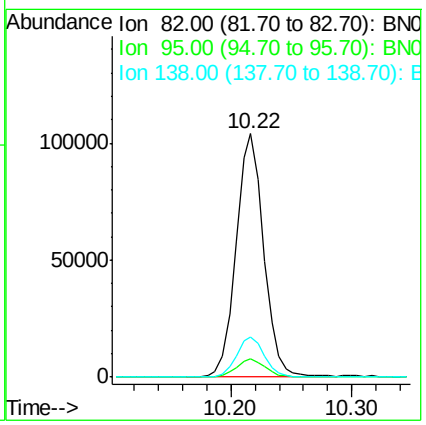


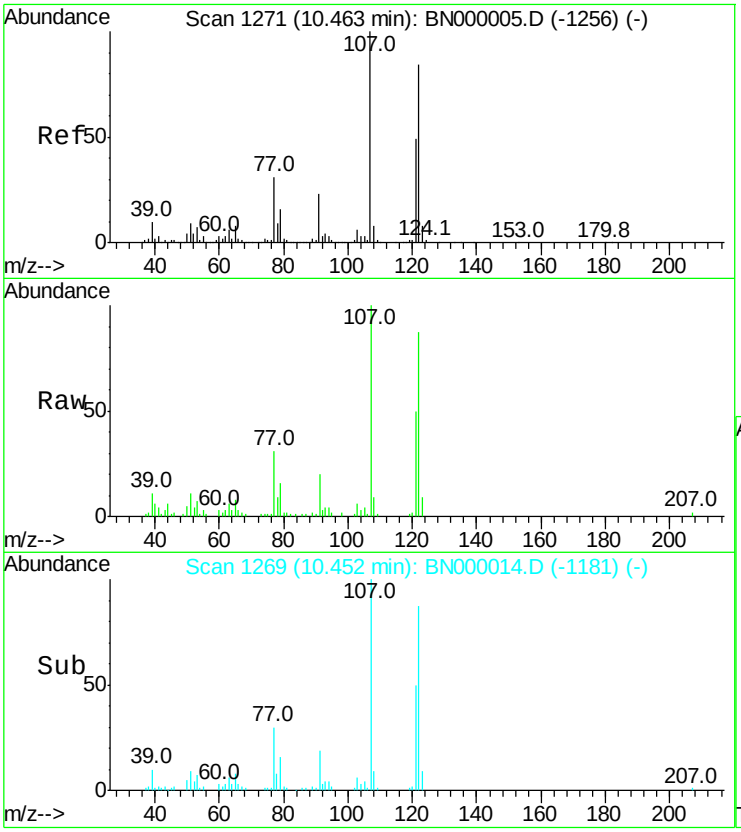


#25
Isophorone
Concen: 2.523 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 82 Resp: 165905

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	16.4	12.1	18.1



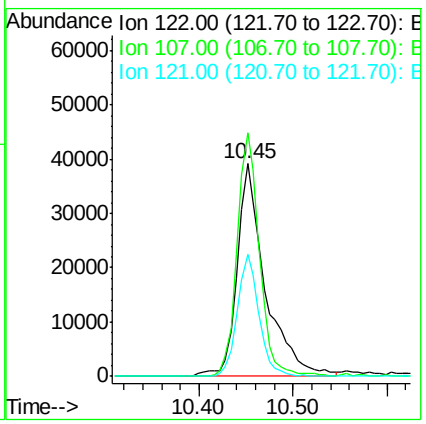


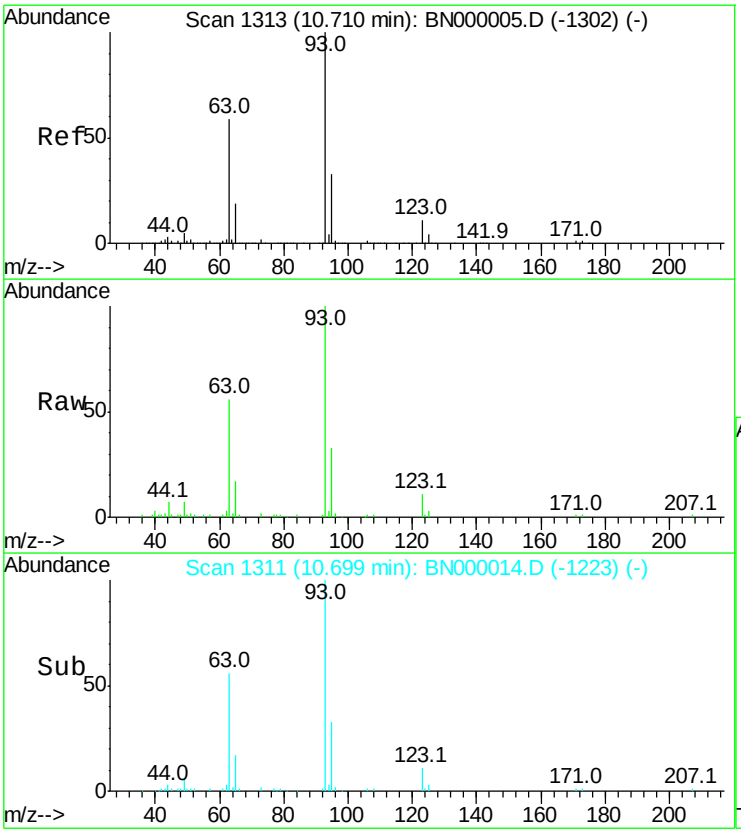
#27
2,4-Dimethylphenol
Concen: 3.020 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 81428

Ion	Ratio	Lower	Upper
122	100		
107	114.5	100.2	150.2
121	57.4	44.4	66.6

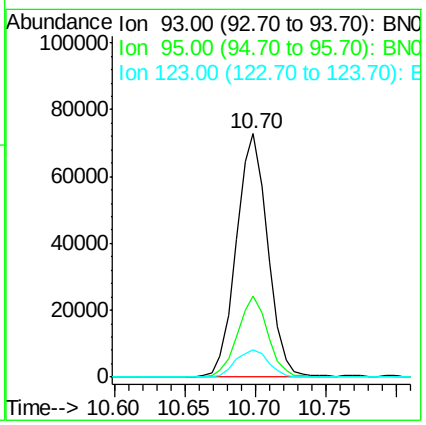


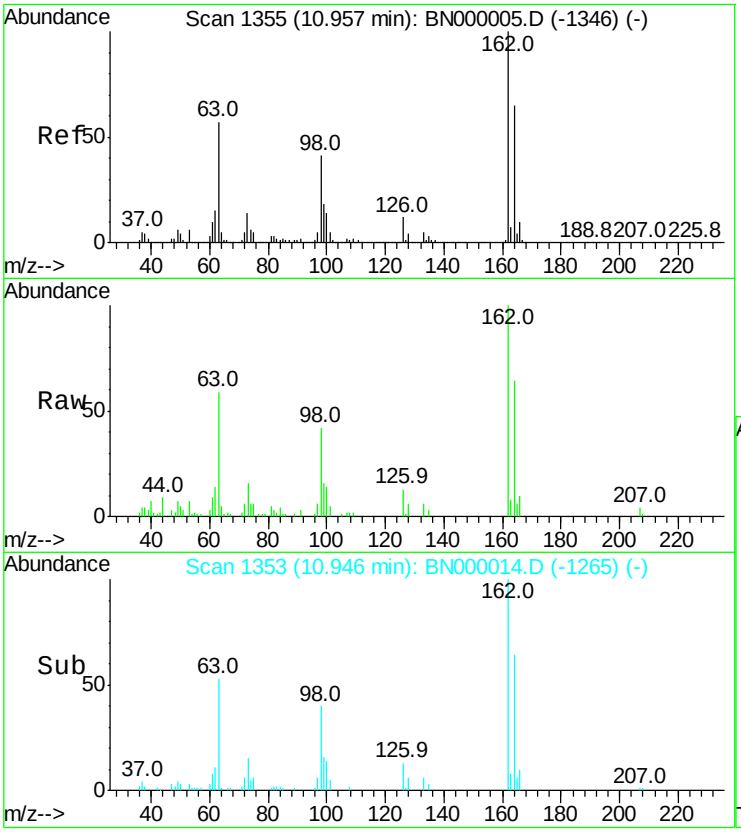


#28
bis(2-Chloroethoxy)methane
Concen: 2.986 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion: 93 Resp: 113251

Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	11.3	8.4	12.6



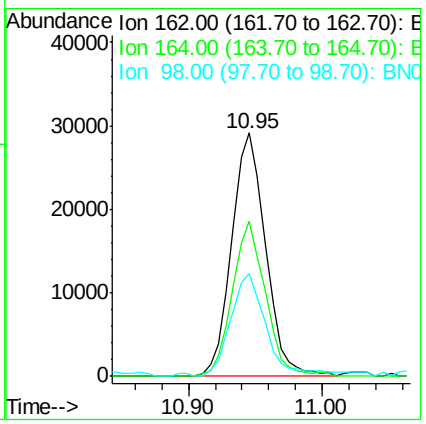


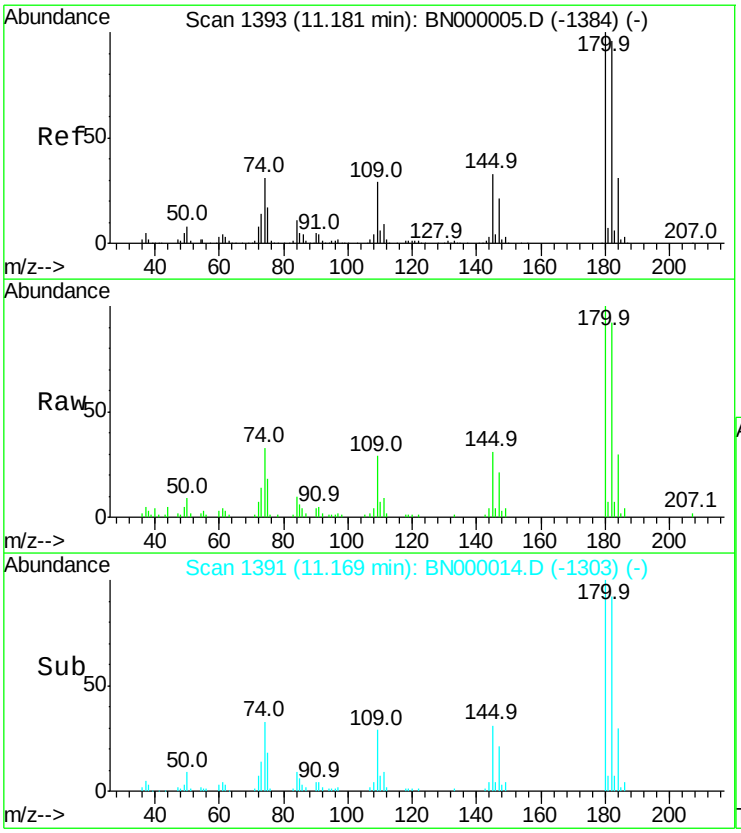
#29
2,4-Dichlorophenol
Concen: 2.229 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:162 Resp: 51572

Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.0	88.0
98	42.1	21.1	61.1

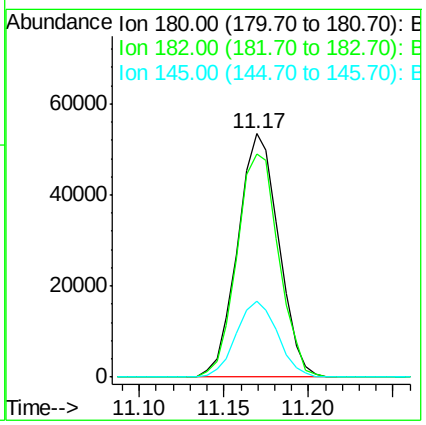


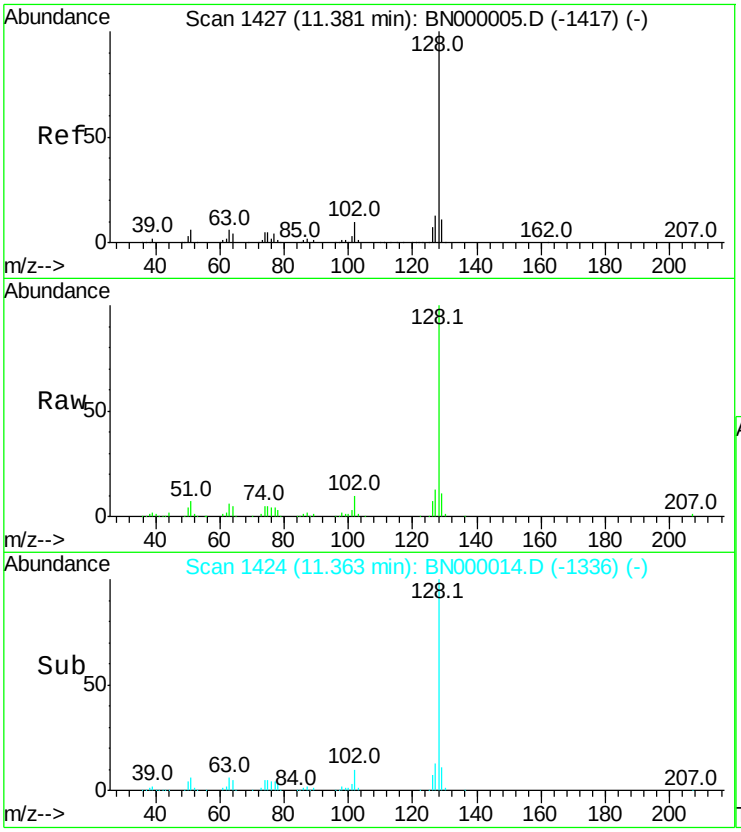


#30
1,2,4-Trichlorobenzene
Concen: 3.336 ng
RT: 11.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:180 Resp: 90368

Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.5	116.3
145	31.4	23.4	35.2



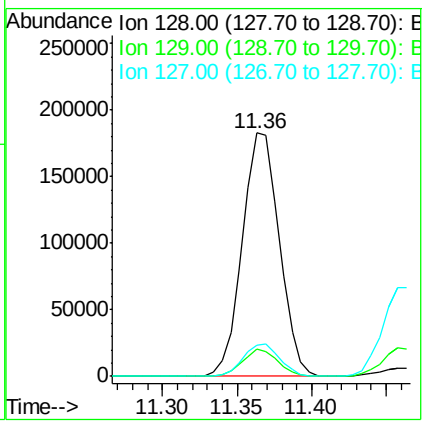


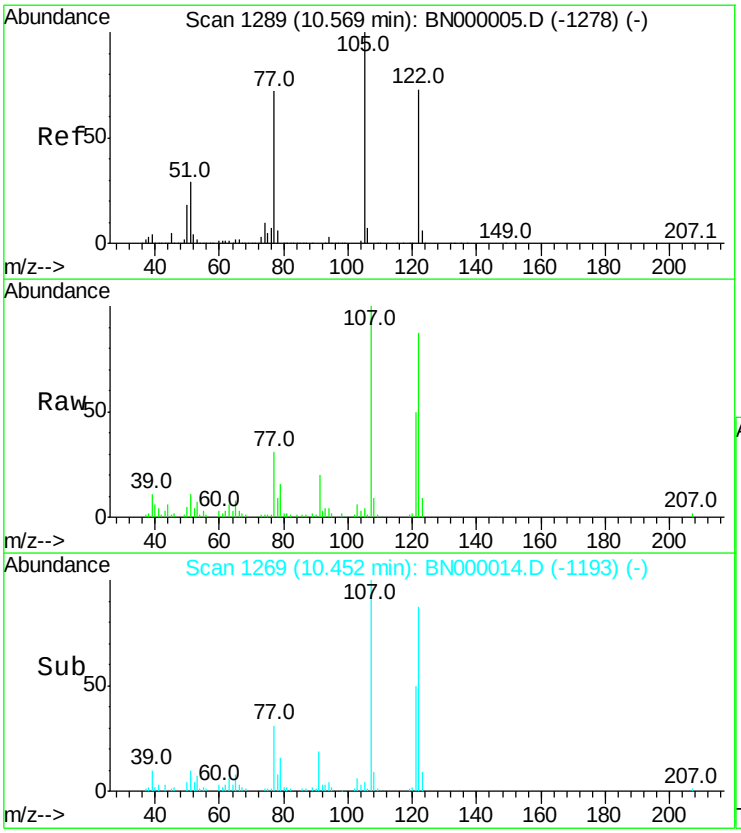
#31
Naphthalene
Concen: 3.329 ng
RT: 11.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 313381

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.6	11.6	17.4

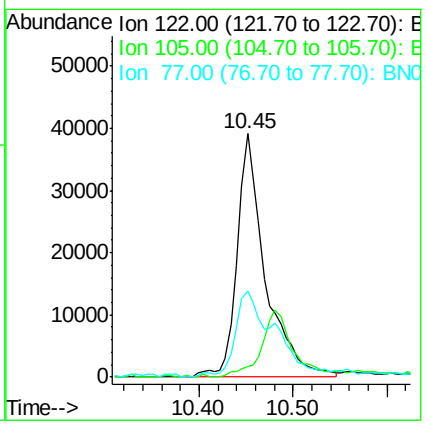


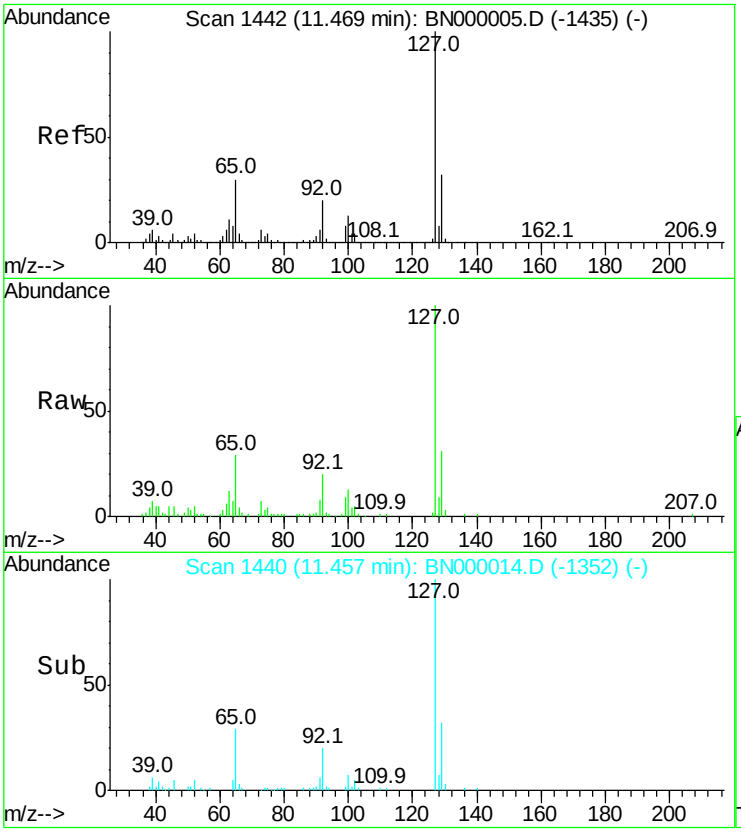


#32
Benzoic acid
Concen: 11.764 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.08 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:122 Resp: 81428

Ion	Ratio	Lower	Upper
122	100		
105	4.3	123.5	163.5#
77	35.6	85.7	125.7#



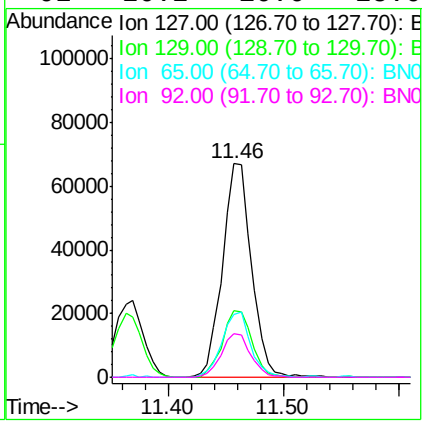


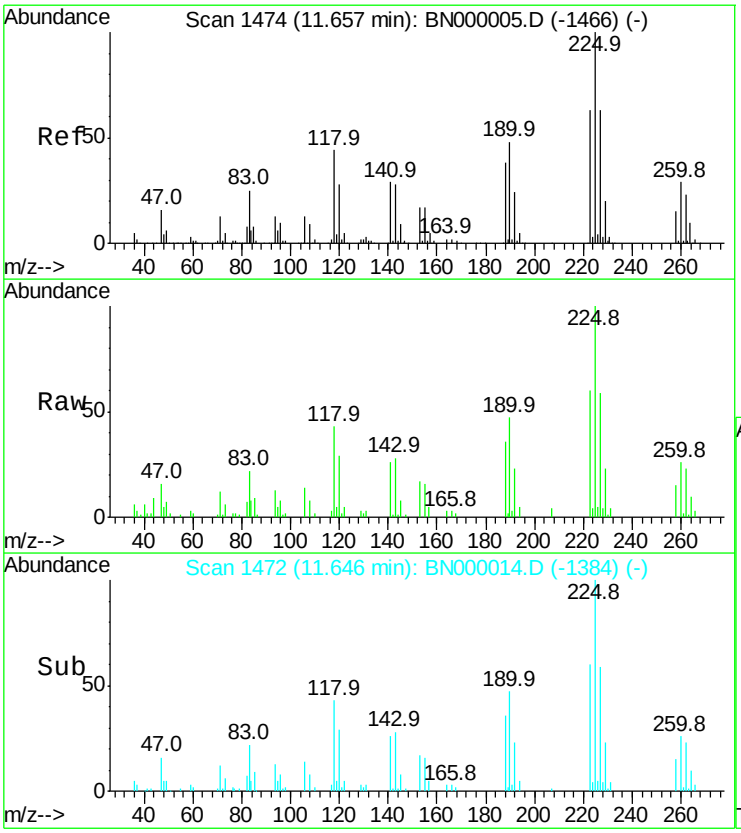
#33
4-Chloroaniline
Concen: 2.671 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:127 Resp: 116587

Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	29.3	27.0	40.4
92	20.2	16.6	25.0

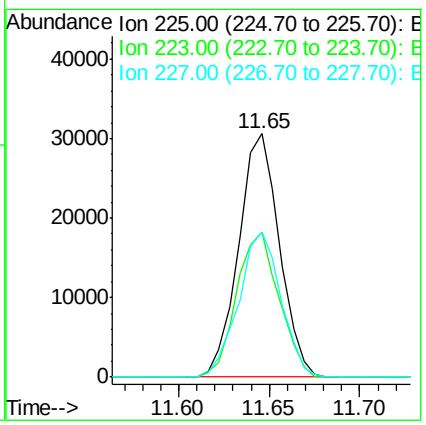


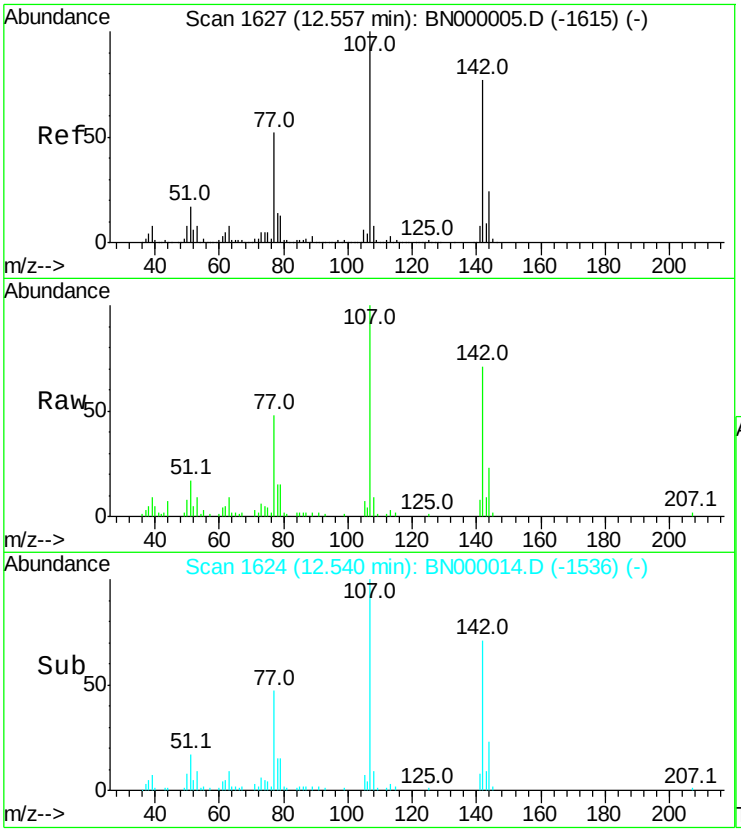


#34
Hexachlorobutadiene
Concen: 3.464 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:225 Resp: 47816

Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.7	74.5
227	59.4	48.1	72.1



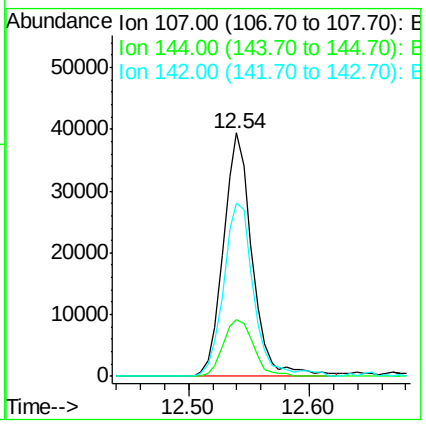


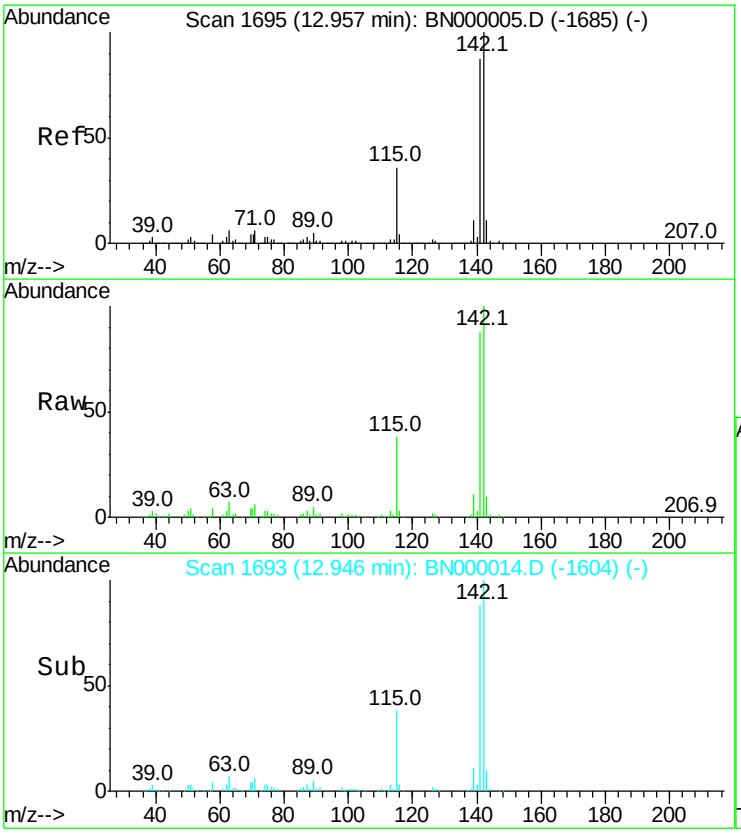
#36
4-Chloro-3-methylphenol
Concen: 2.067 ng
RT: 12.54 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 65025

Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.2	27.4
142	71.0	59.0	88.4

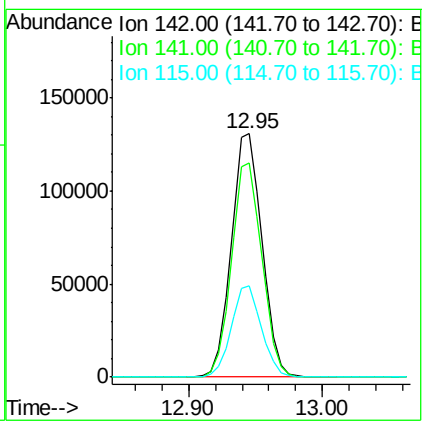


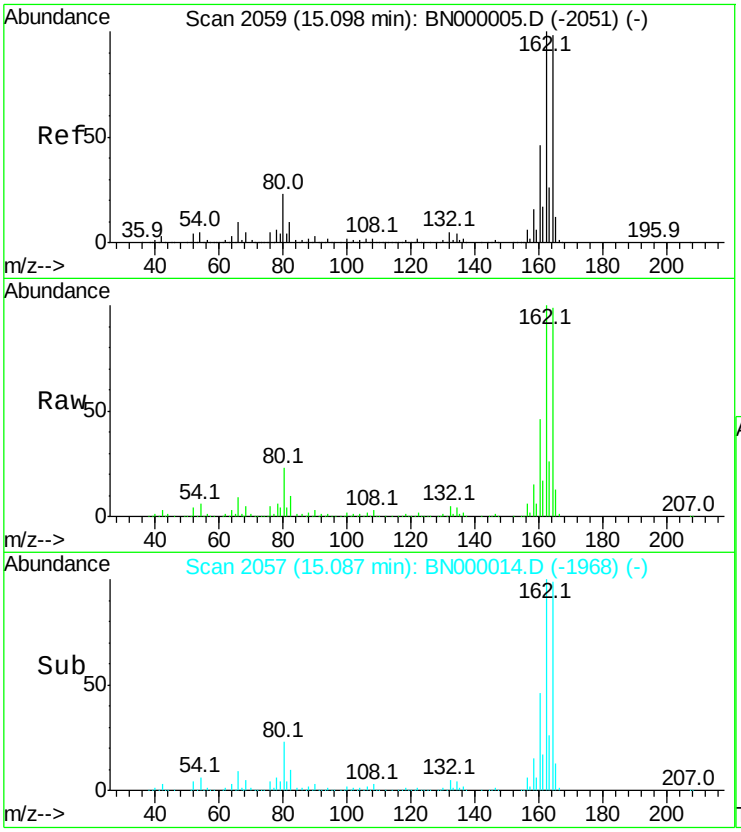


#37
2-Methylnaphthalene
Concen: 3.136 ng
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:142 Resp: 208629

Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.1	100.7
115	37.5	30.7	46.1



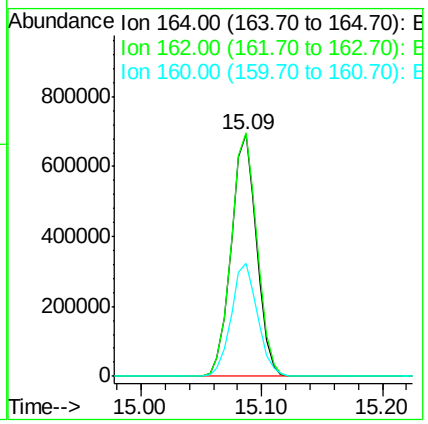


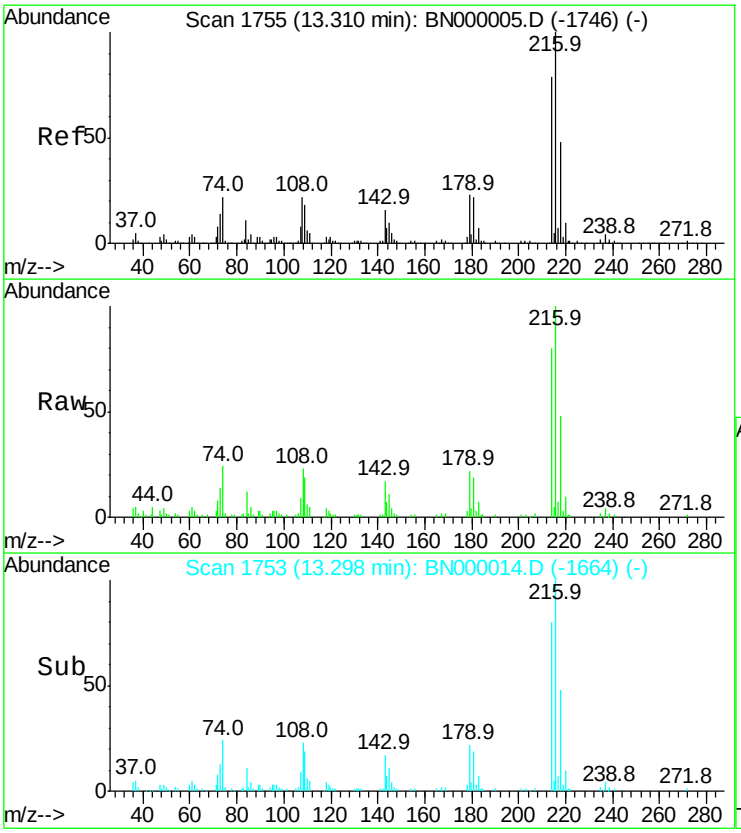
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1011128

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	46.7	35.4	53.0

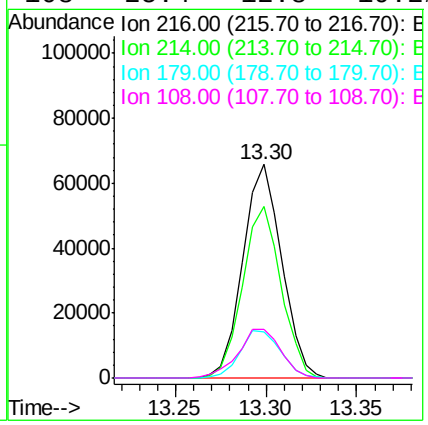


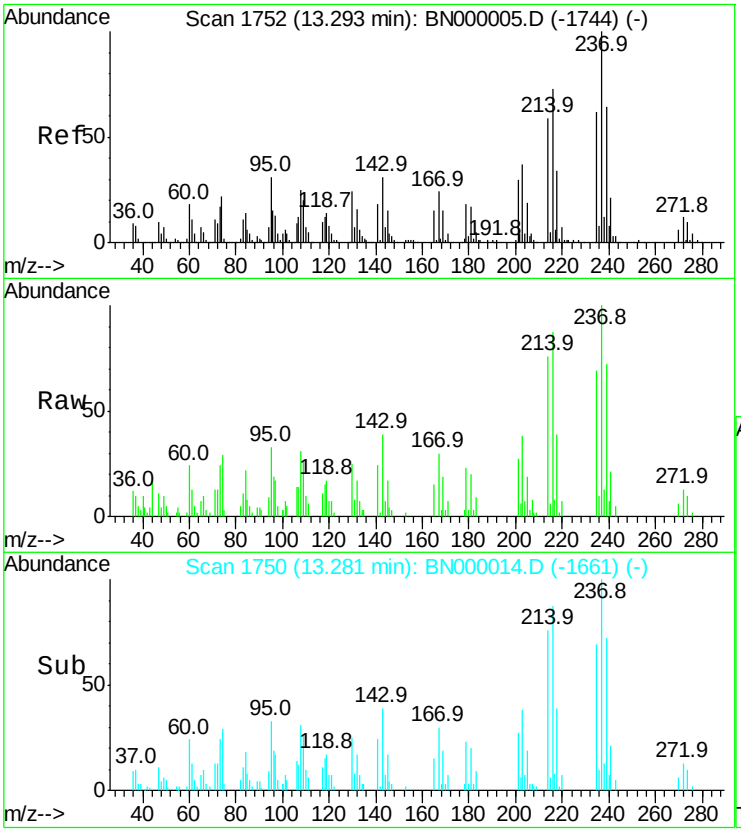


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.323 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:216 Resp: 97875

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	23.5	17.0	25.6
108	25.4	12.8	19.2#



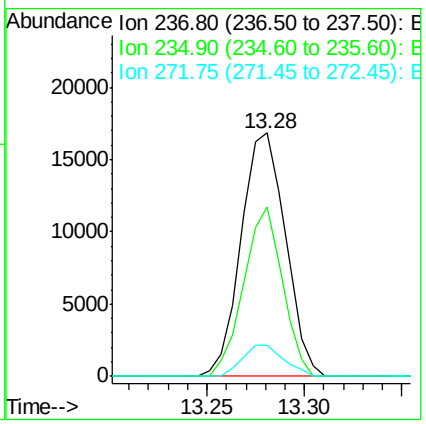


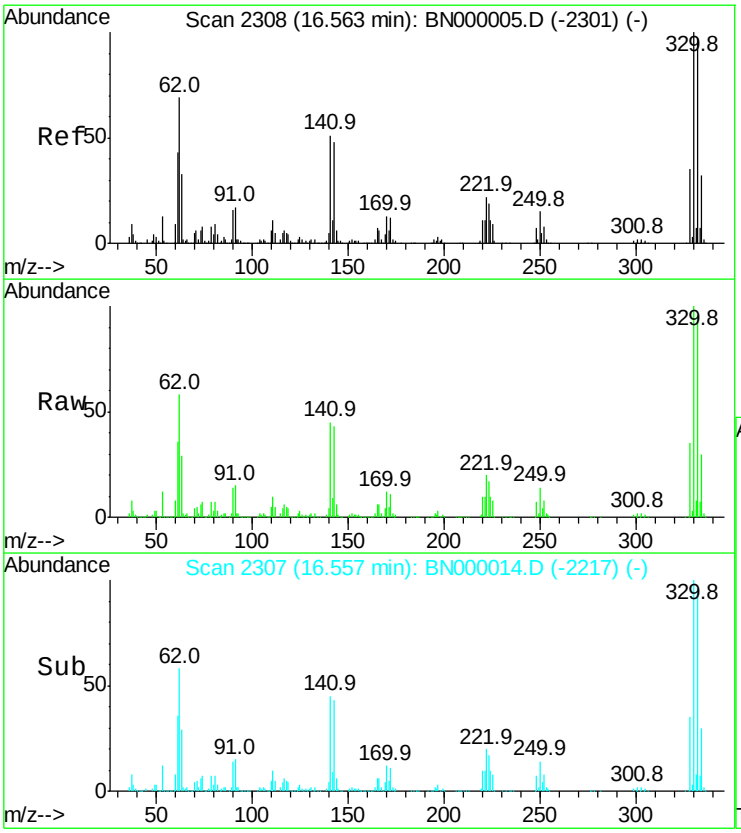
#40
Hexachlorocyclopentadiene
Concen: 2.695 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:237 Resp: 26510

Ion	Ratio	Lower	Upper
237	100		
235	69.4	50.4	90.4
272	12.6	0.0	31.8

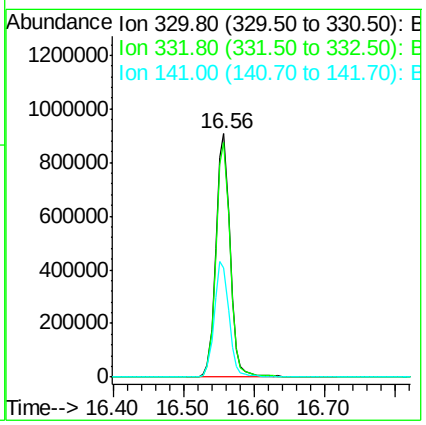


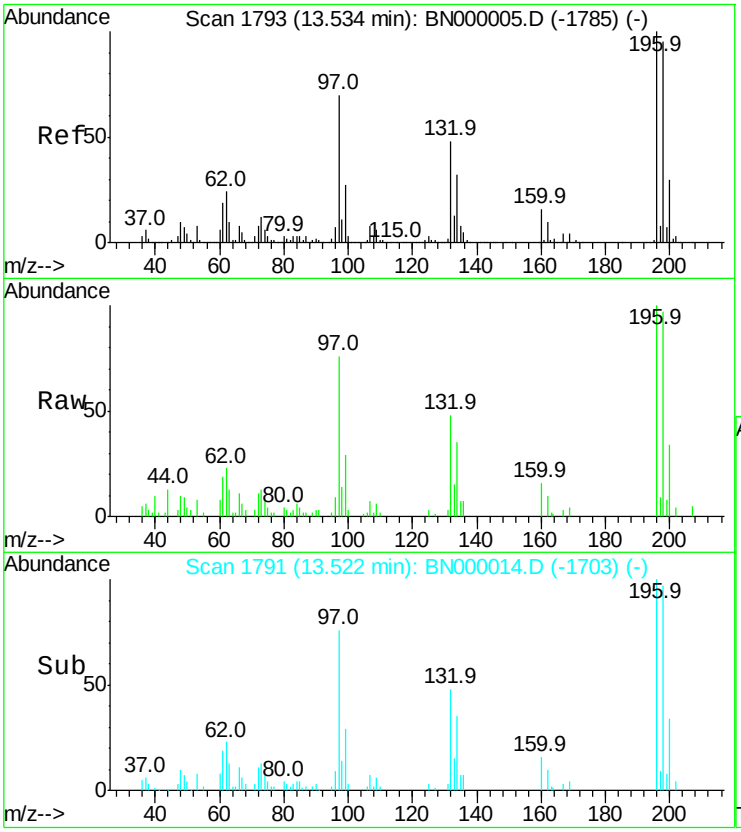


#41
2,4,6-Tribromophenol
Concen: 124.967 ng
RT: 16.56 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:330 Resp: 1270216

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	49.5	25.2	37.8#



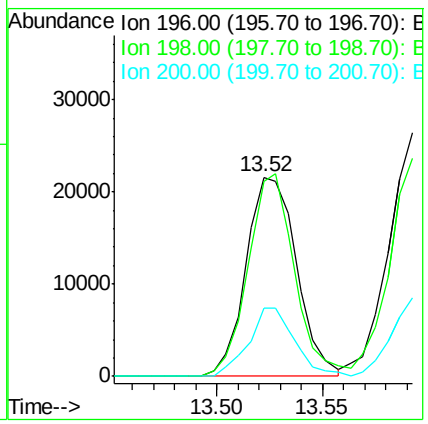


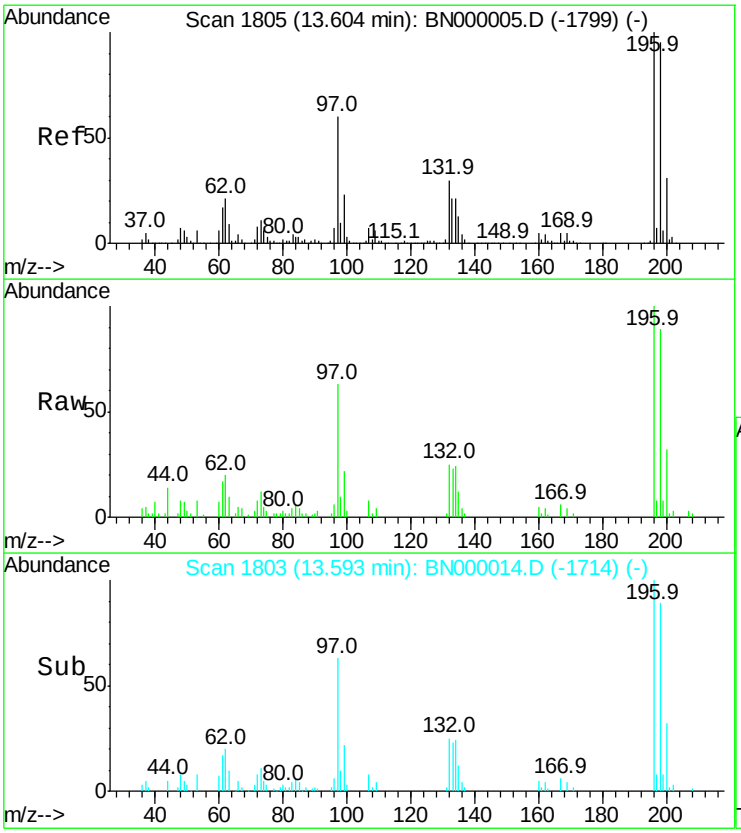
#42
2,4,6-Trichlorophenol
Concen: 2.056 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:196 Resp: 35796

Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.2
200	34.4	24.6	36.8

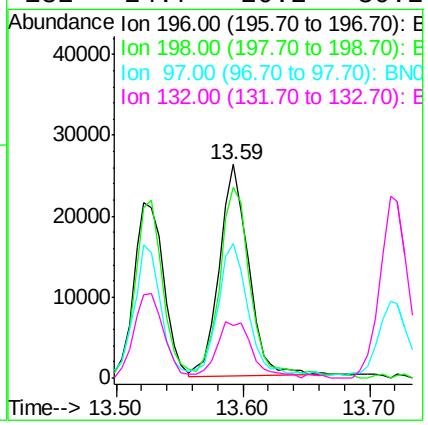


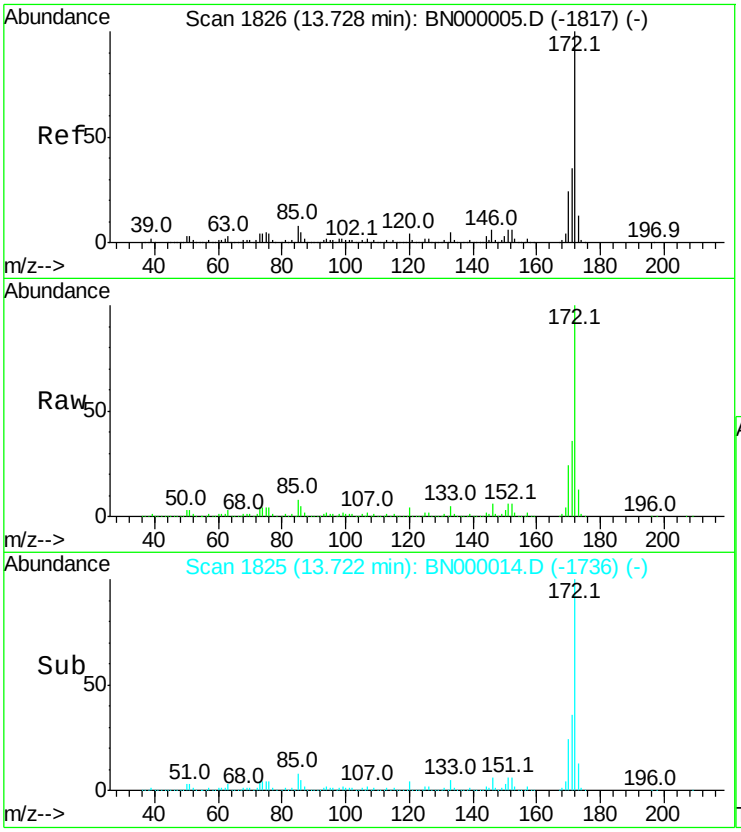


#43
2,4,5-Trichlorophenol
Concen: 2.046 ng
RT: 13.59 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:196 Resp: 41943

Ion	Ratio	Lower	Upper
196	100		
198	89.4	76.2	114.4
97	63.0	38.7	58.1#
132	24.7	20.2	30.2



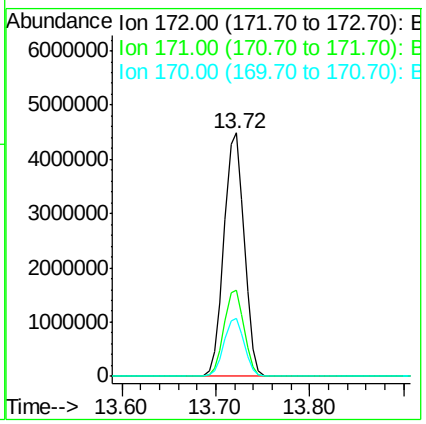


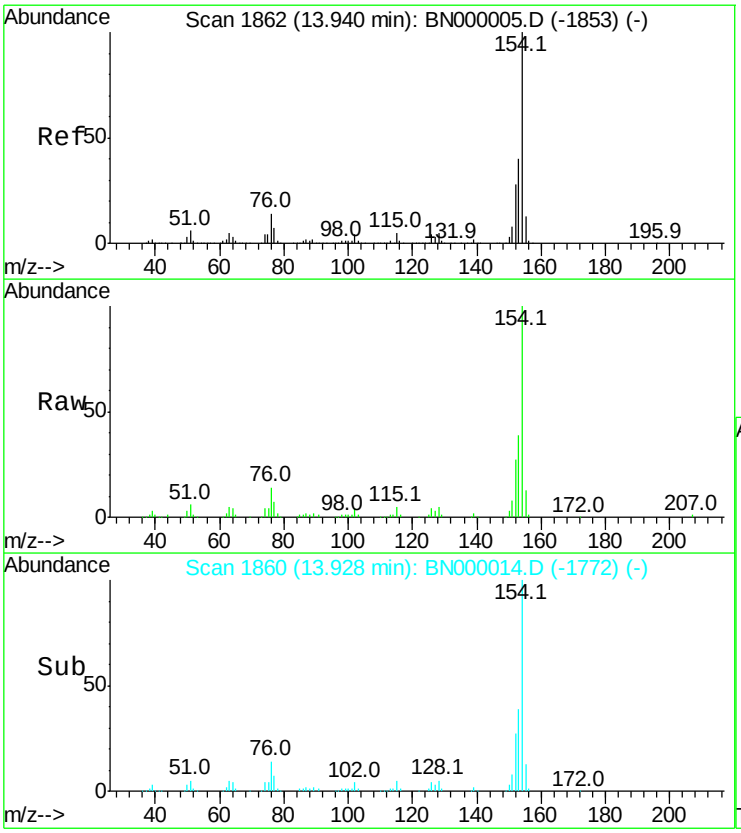
#44
2-Fluorobiphenyl
Concen: 89.132 ng
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6729305

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.7	19.5	29.3

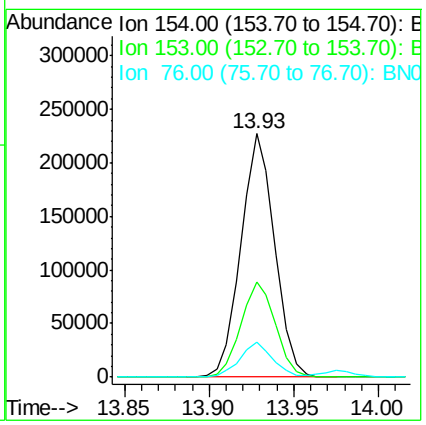


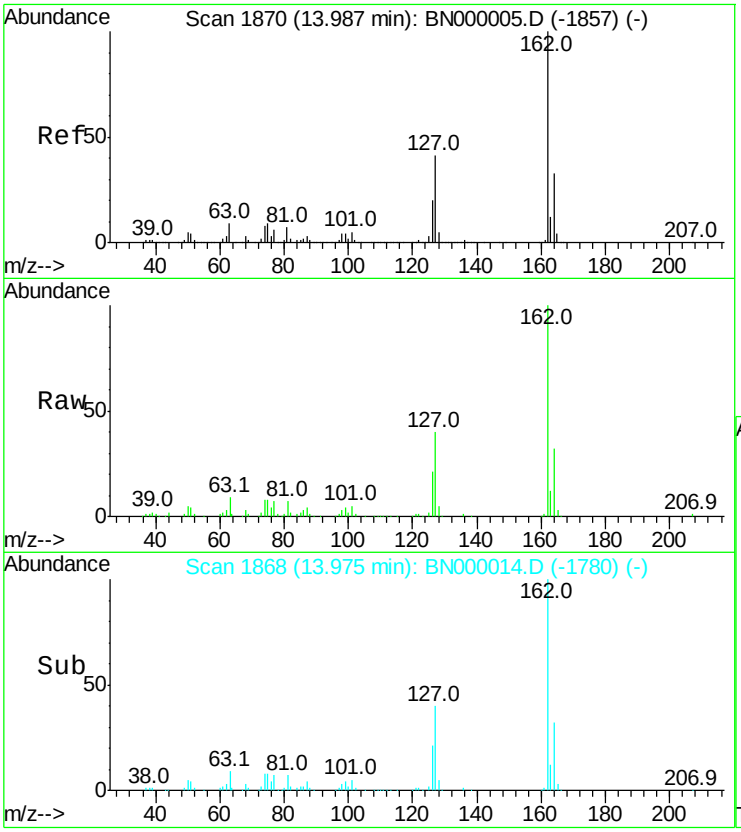


#45
1,1'-Biphenyl
Concen: 3.487 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:154 Resp: 315040

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.8	59.8
76	14.3	0.0	31.9



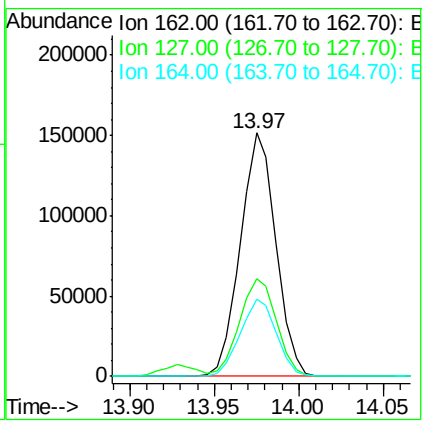


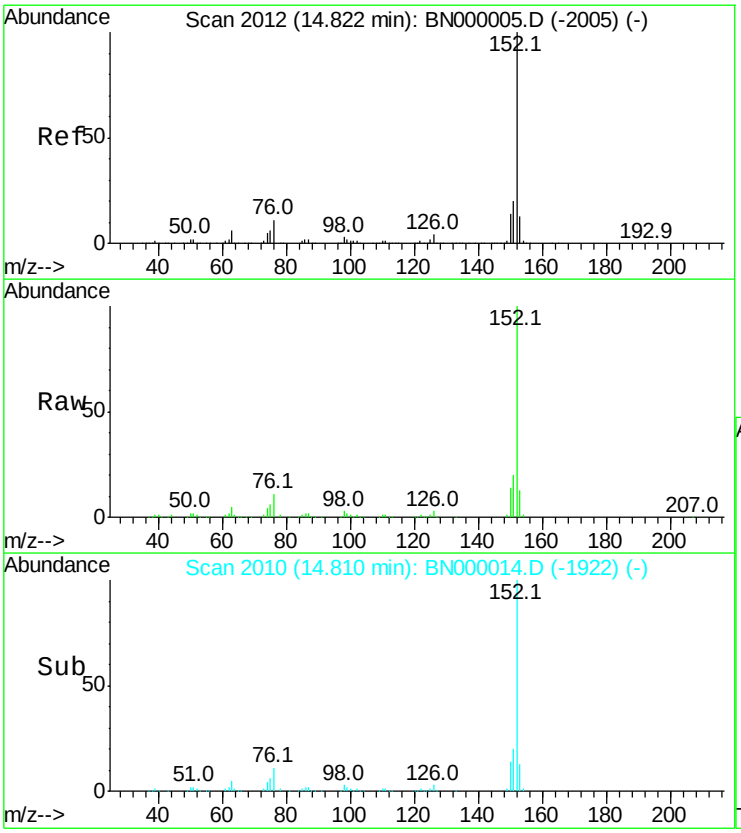
#46
2-Chloronaphthalene
Concen: 3.268 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:162 Resp: 221647

Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.7	46.1
164	31.8	26.0	39.0

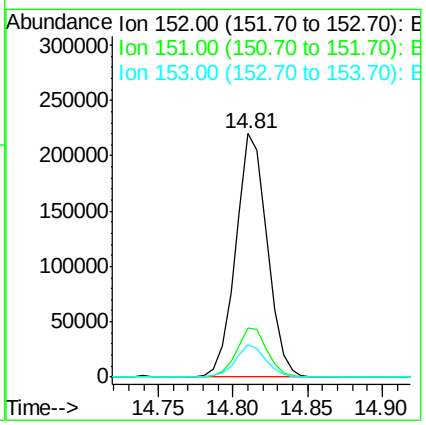


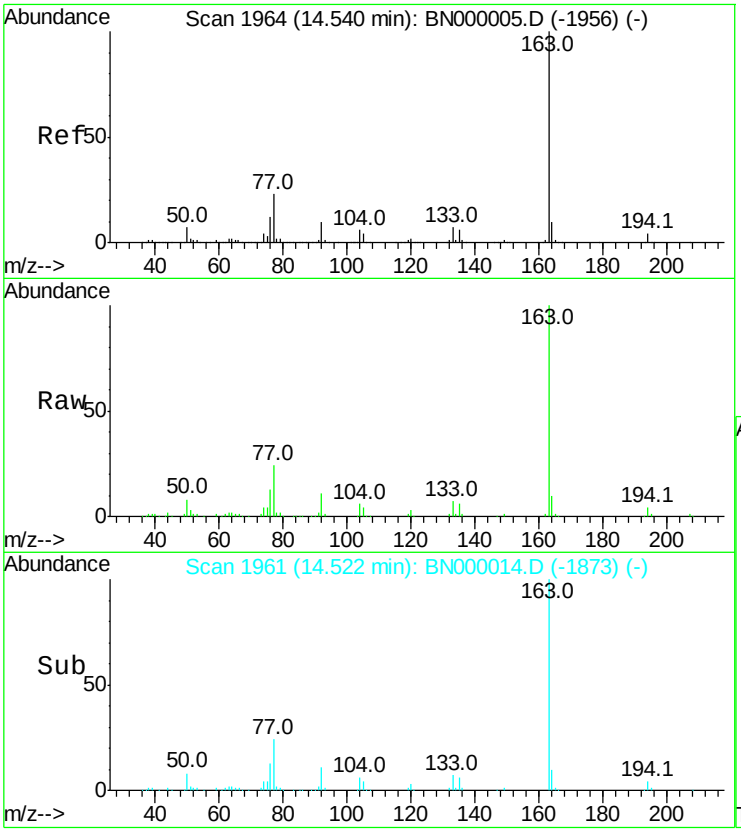


#48
Acenaphthylene
Concen: 2.817 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:152 Resp: 320802

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.2	25.8
153	13.3	10.2	15.4



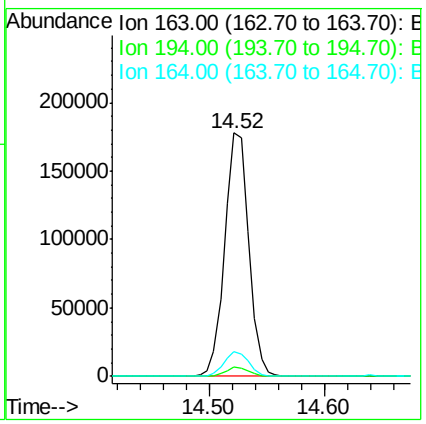


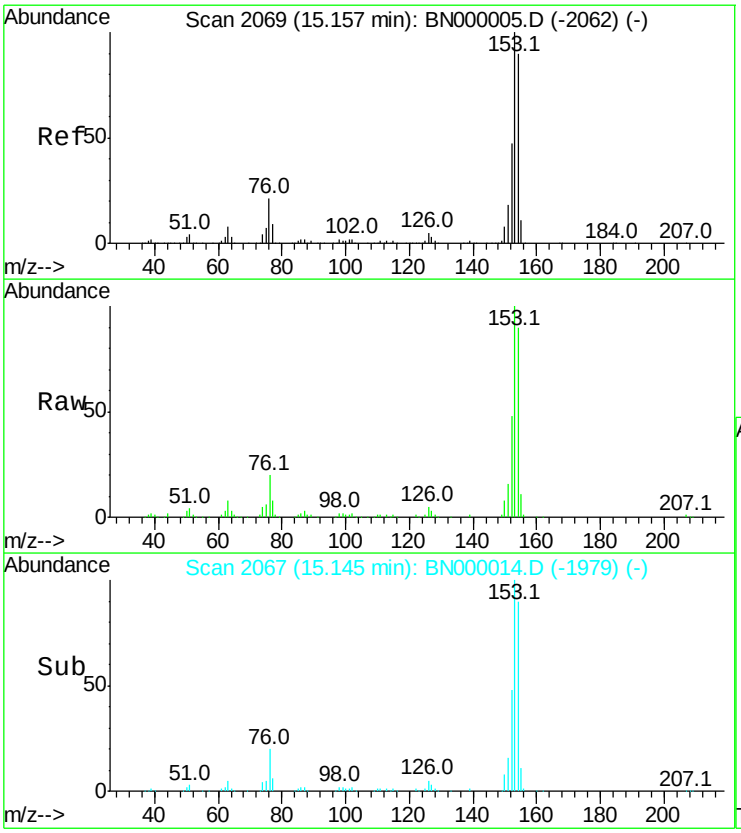
#49
Dimethylphthalate
Concen: 2.833 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 256031

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.4	8.2	12.4

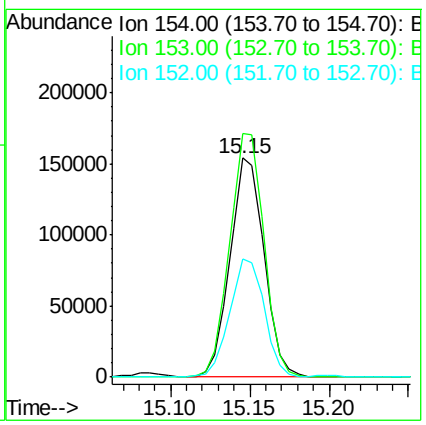


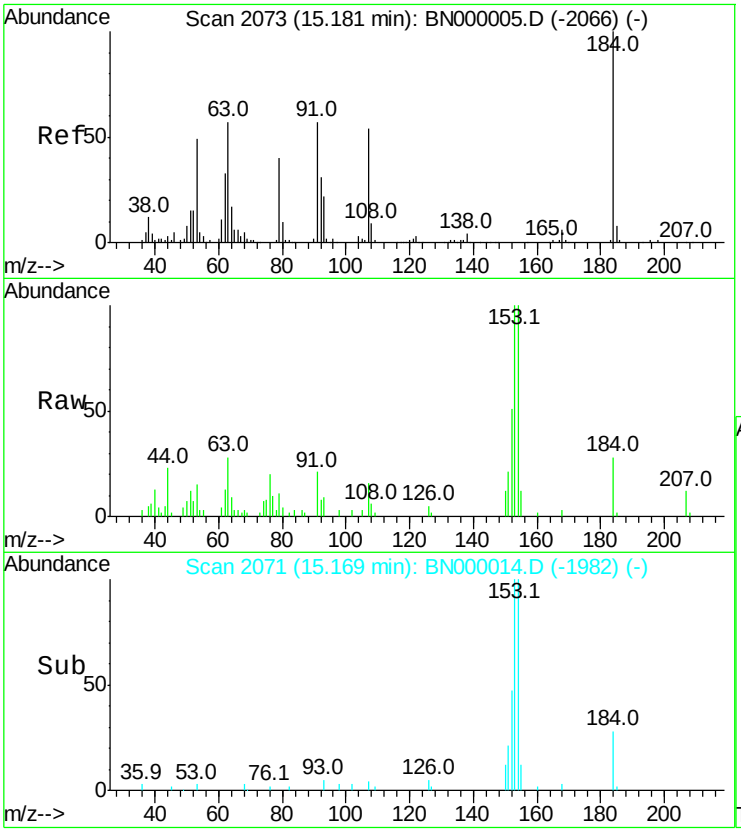


#51
Acenaphthene
Concen: 3.193 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:154 Resp: 229461

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.4	135.6
152	53.8	41.6	62.4



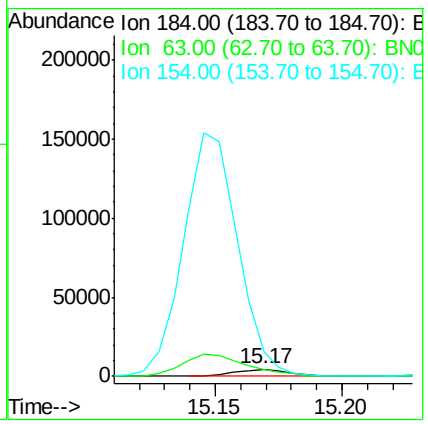


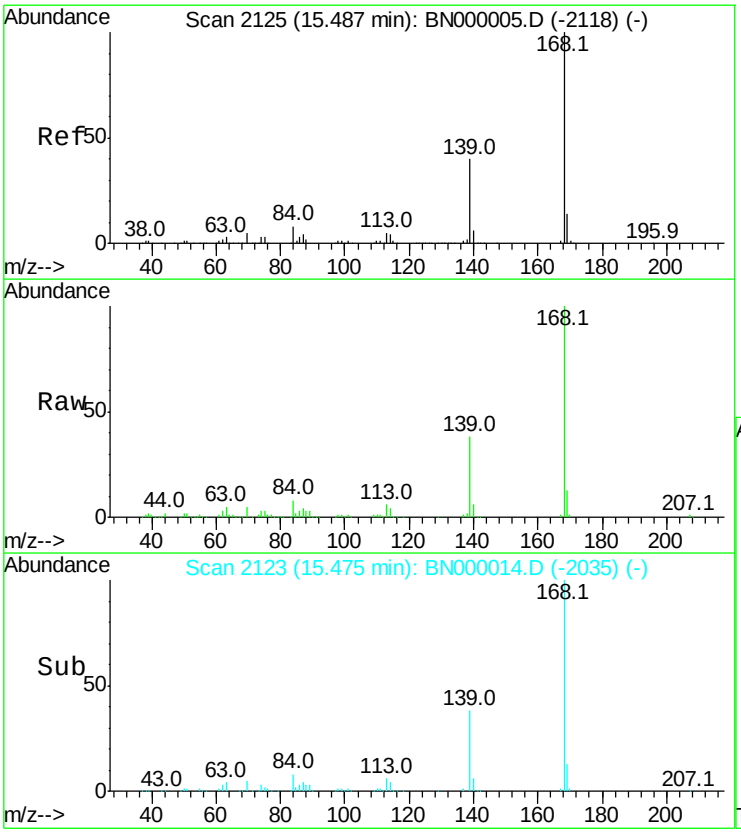
#53
2,4-Dinitrophenol
Concen: 6.211 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 6364

Ion	Ratio	Lower	Upper
184	100		
63	103.2	80.0	120.0
154	362.9	308.0	462.0

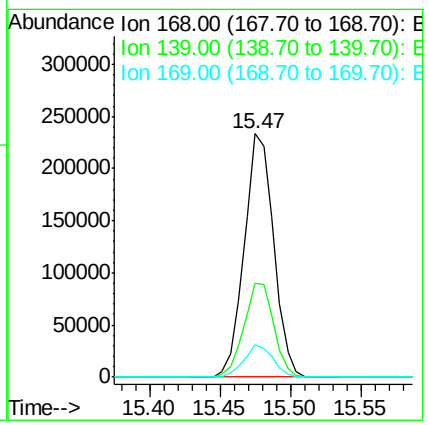


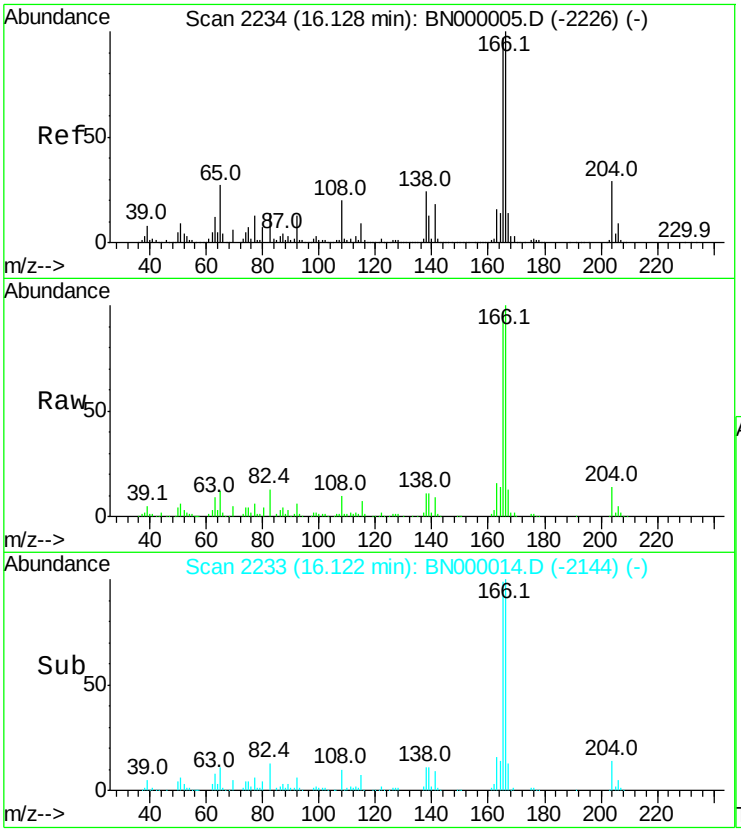


#54
Dibenzofuran
Concen: 3.302 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:168 Resp: 340551

Ion	Ratio	Lower	Upper
168	100		
139	38.3	28.6	43.0
169	13.3	11.2	16.8



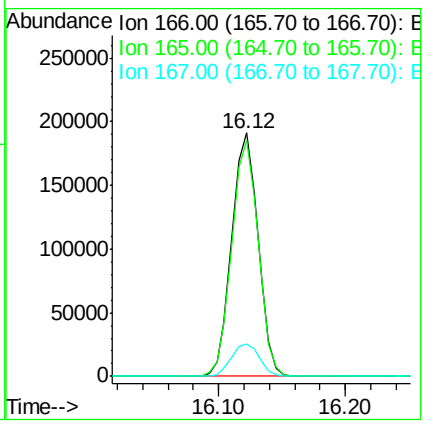


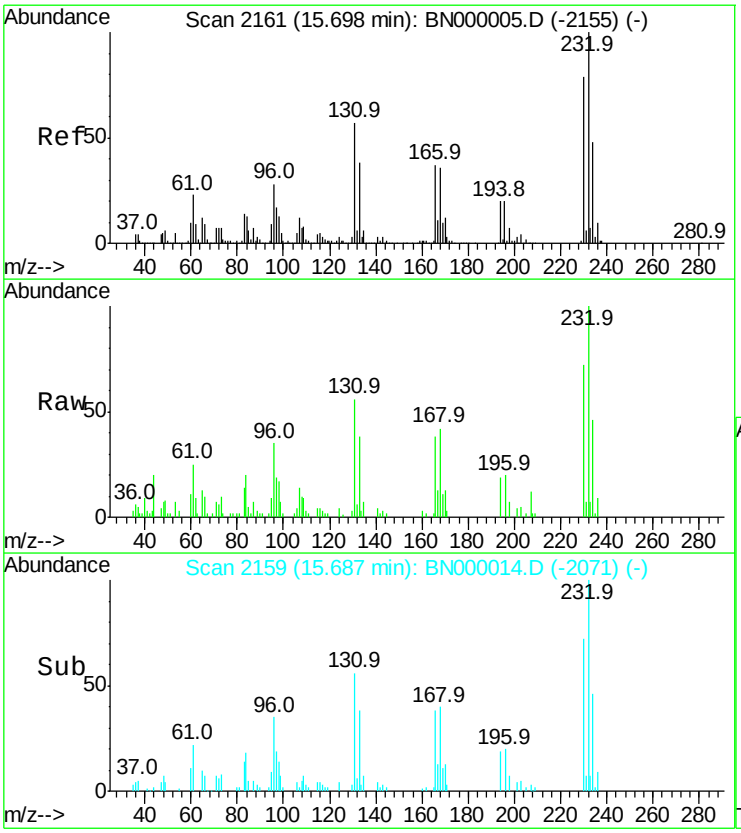
#57
Fluorene
Concen: 3.161 ng
RT: 16.12 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 274476

Ion	Ratio	Lower	Upper
166	100		
165	96.8	80.6	121.0
167	13.2	10.4	15.6

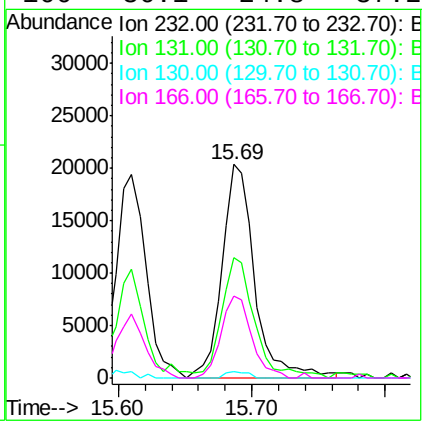


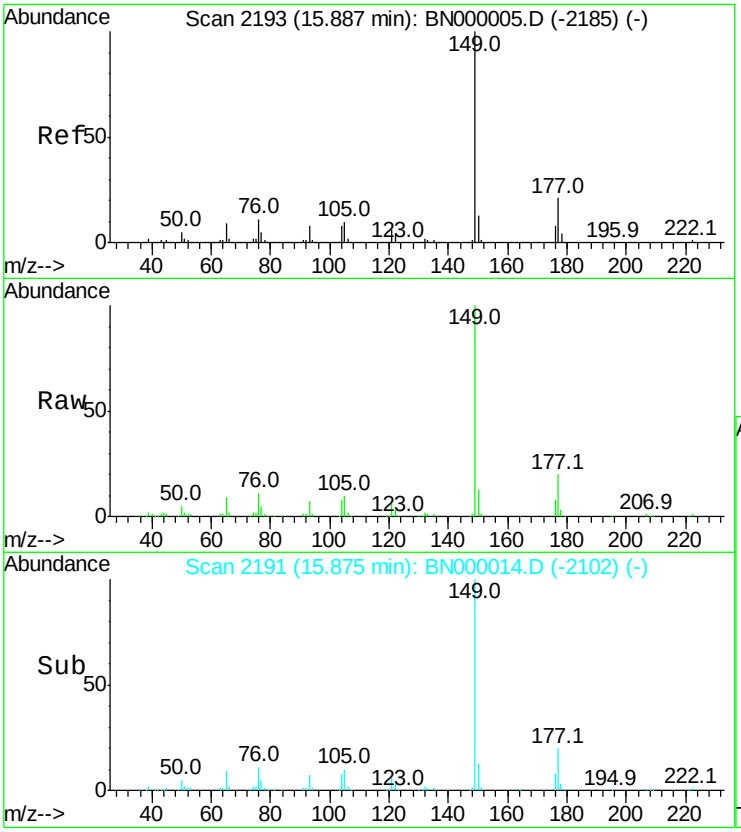


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.093 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:232 Resp: 34946

Ion	Ratio	Lower	Upper
232	100		
131	56.9	33.5	50.3#
130	2.1	2.2	3.2#
166	36.1	24.8	37.2



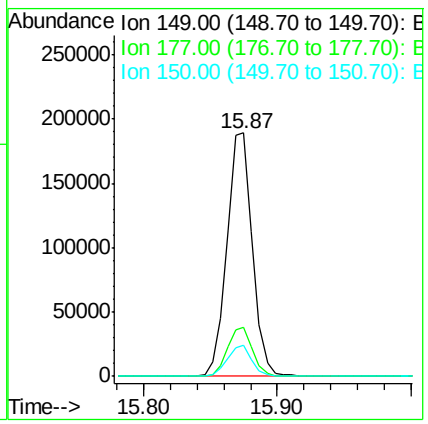


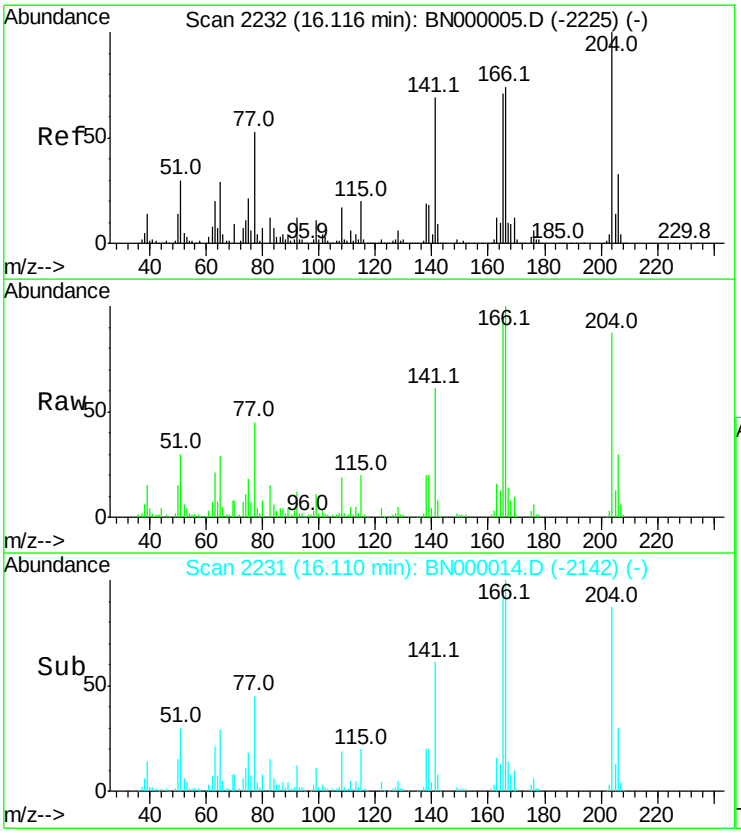
#59
Diethylphthalate
Concen: 2.686 ng
RT: 15.87 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 253579

Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.5	27.7
150	12.8	10.2	15.2

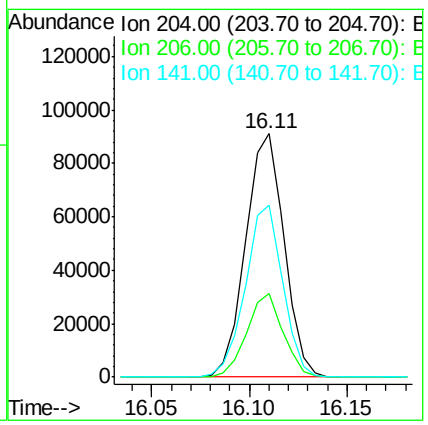


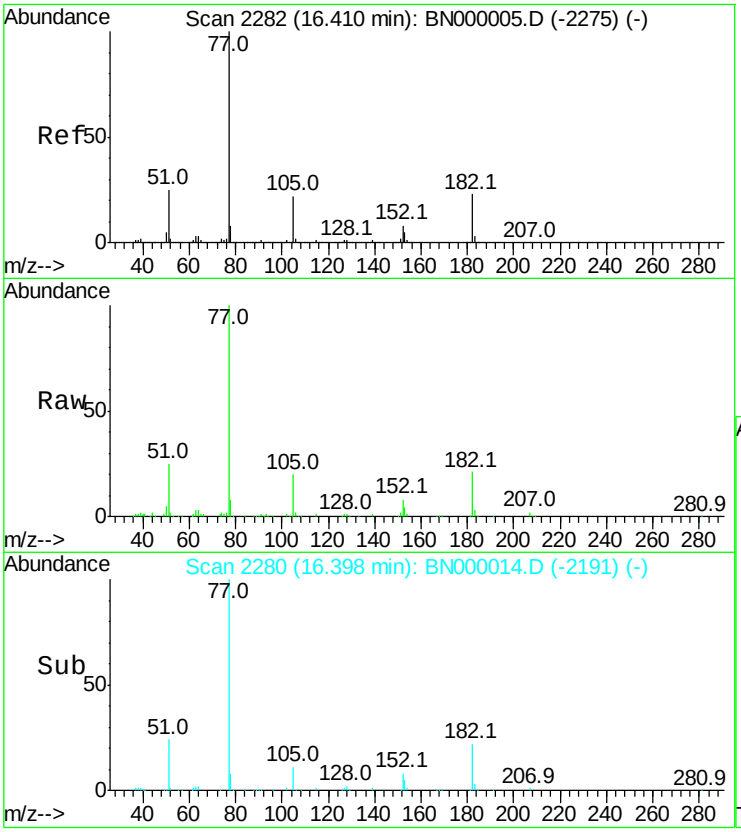


#60
4-Chlorophenyl-phenylether
Concen: 3.241 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:204 Resp: 124378

Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	70.4	45.8	68.6#



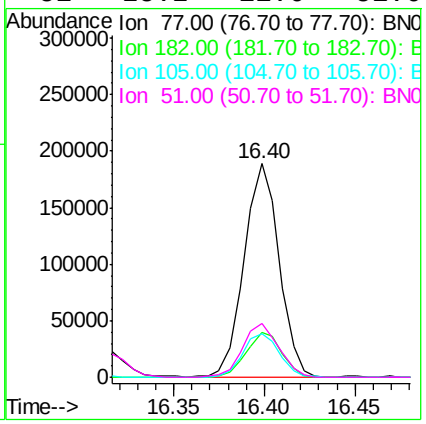


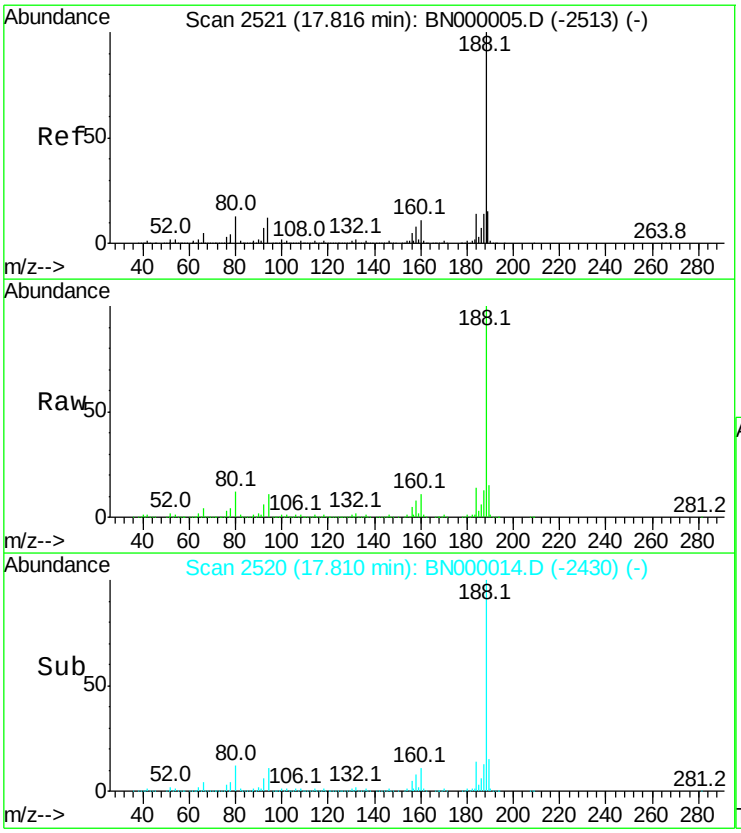
#62
Azobenzene
Concen: 2.681 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 253007

Ion	Ratio	Lower	Upper
77	100		
182	20.9	7.4	47.4
105	20.4	0.3	40.3
51	25.2	11.6	51.6

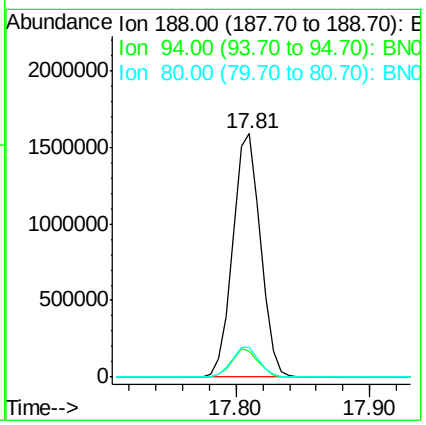


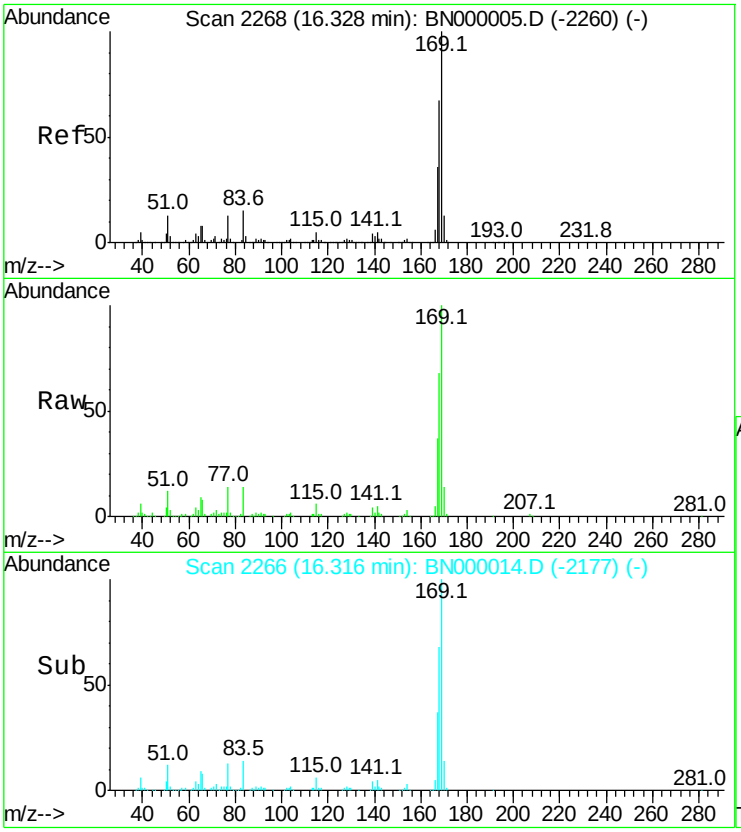


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:188 Resp: 2288439

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.9	10.3#
80	12.2	7.7	11.5#



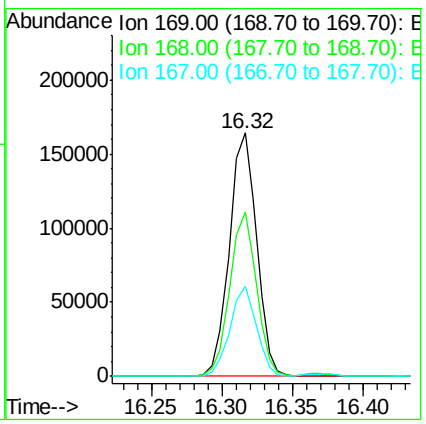


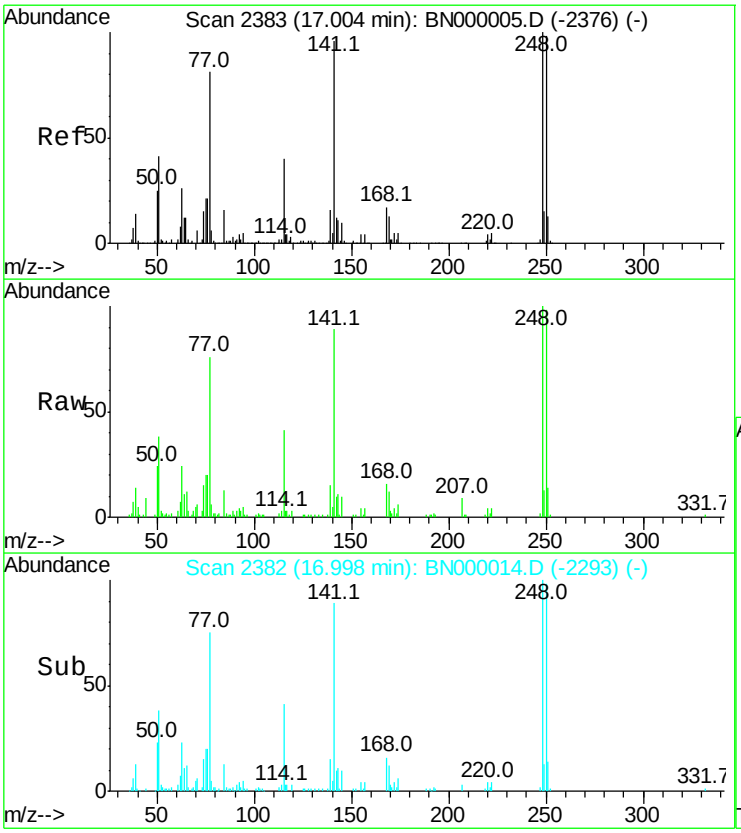
#65
n-Nitrosodiphenylamine
Concen: 2.967 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 221853

Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.7	83.5
167	36.7	30.1	45.1

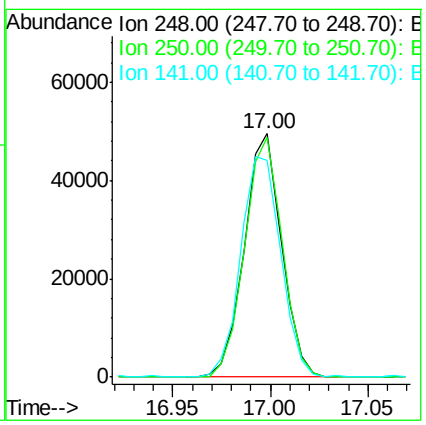


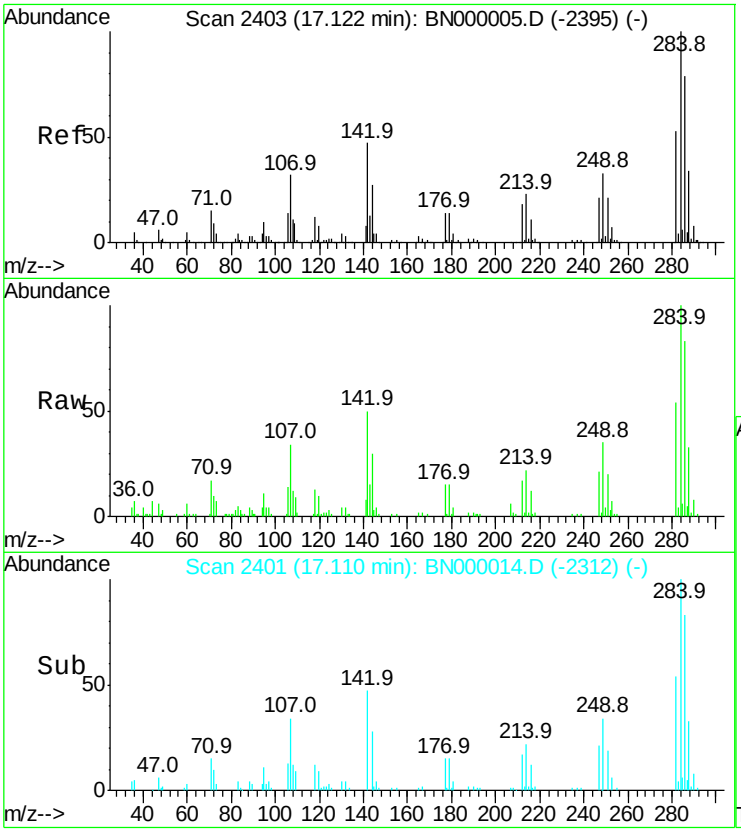


#66
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:248 Resp: 65320

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.1	115.7
141	89.2	50.8	76.2#



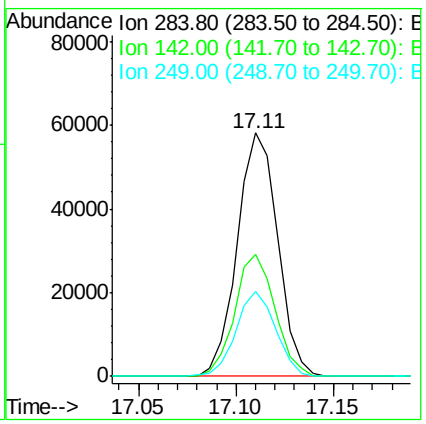


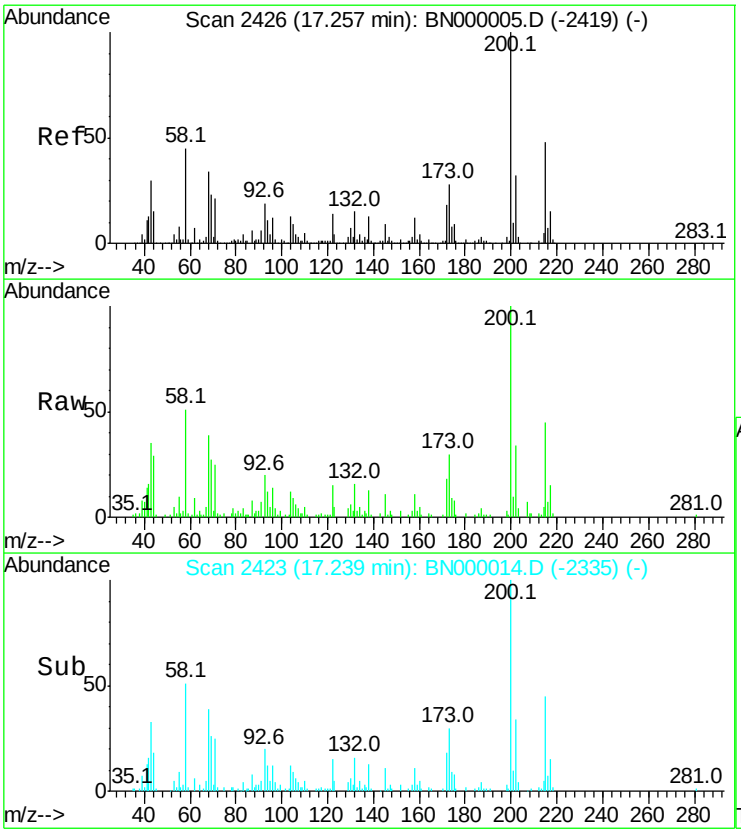
#67
Hexachlorobenzene
Concen: 3.376 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 83296

Ion	Ratio	Lower	Upper
284	100		
142	50.1	26.8	40.2#
249	34.9	26.3	39.5

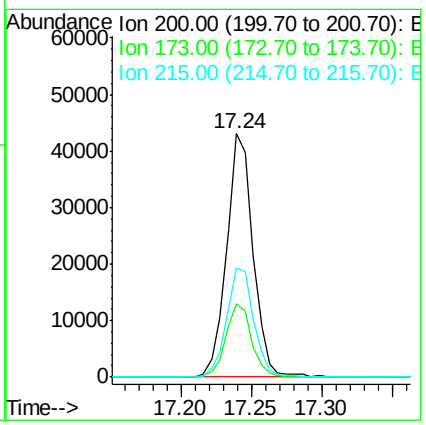


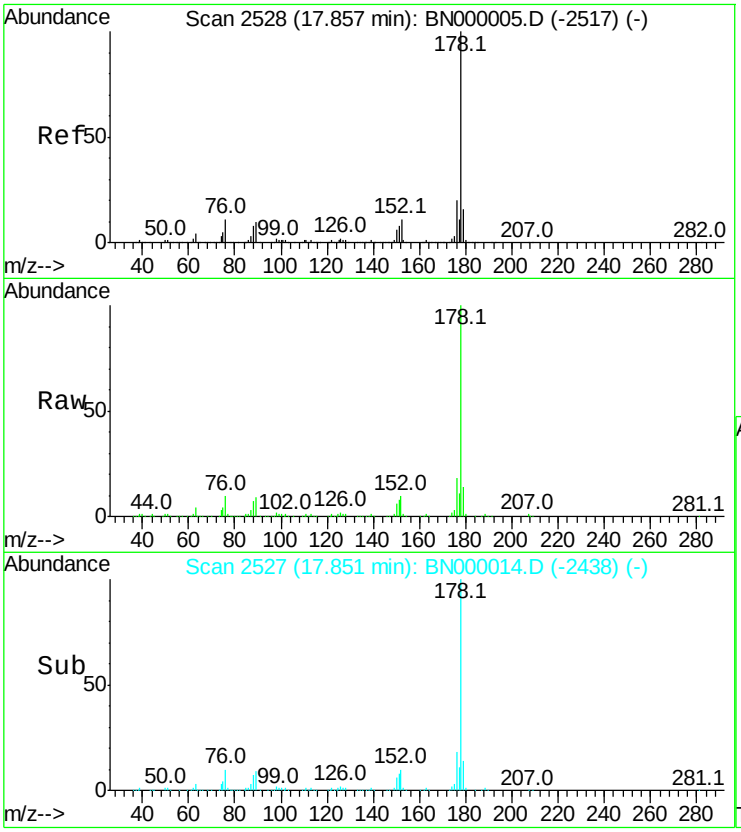


#68
Atrazine
Concen: 2.451 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:200 Resp: 55879

Ion	Ratio	Lower	Upper
200	100		
173	30.0	5.2	45.2
215	44.9	30.4	70.4



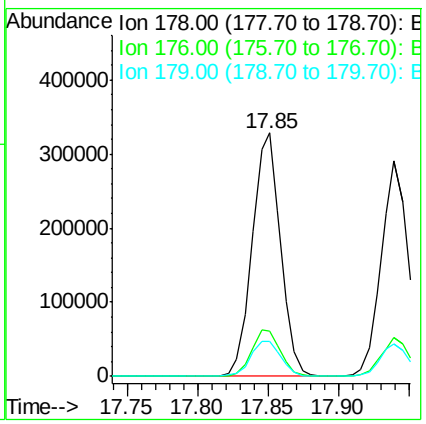


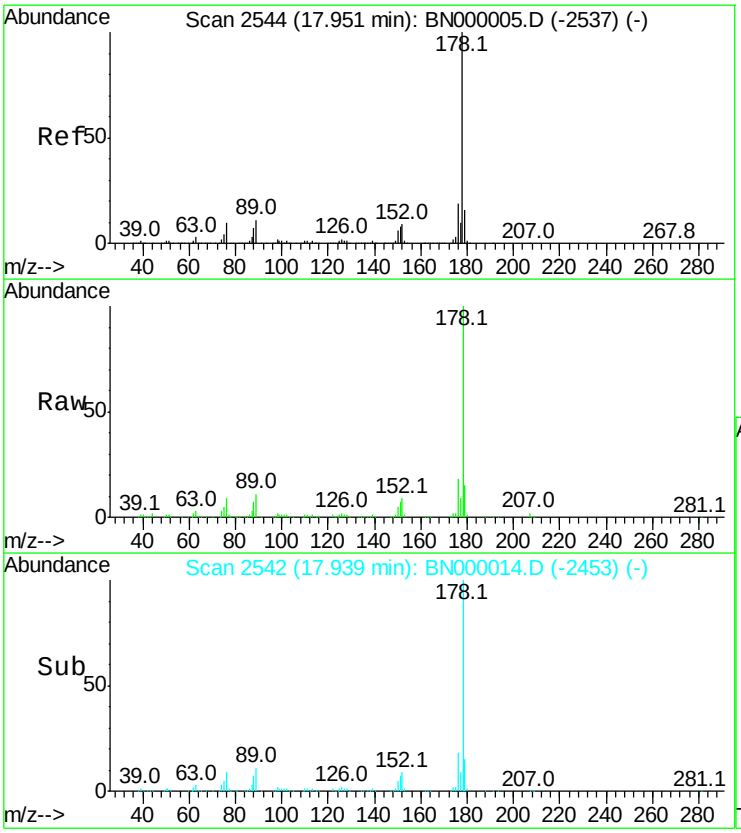
#70
Phenanthrene
Concen: 3.371 ng
RT: 17.85 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 464135

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	14.1	12.5	18.7

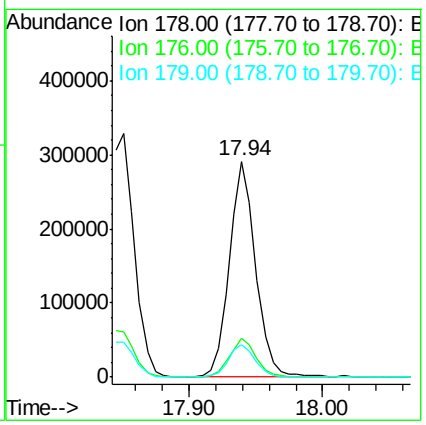


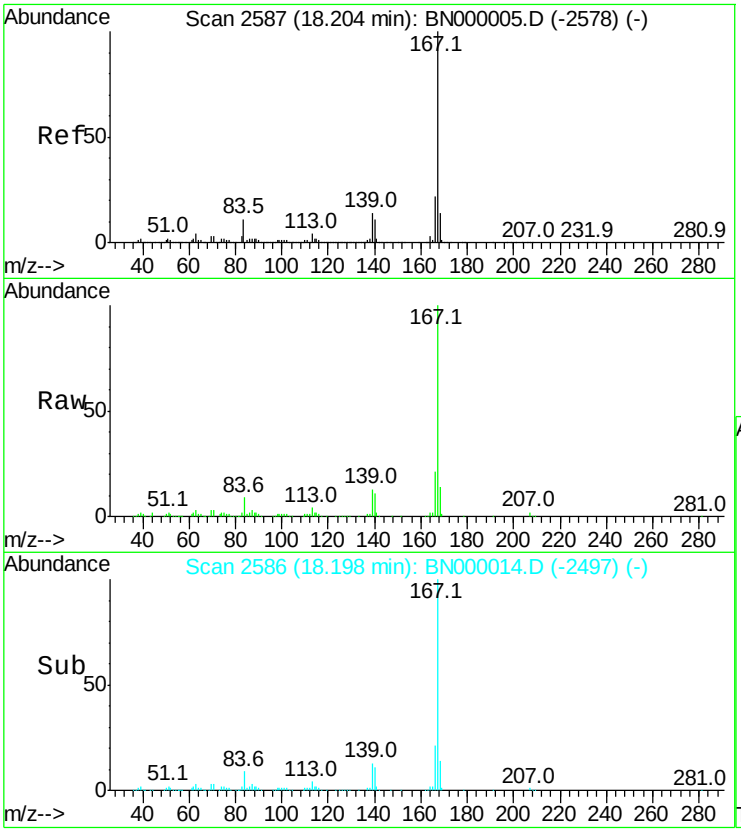


#71
Anthracene
Concen: 2.927 ng
RT: 17.94 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:178 Resp: 399213

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.0	24.0
179	15.0	12.5	18.7



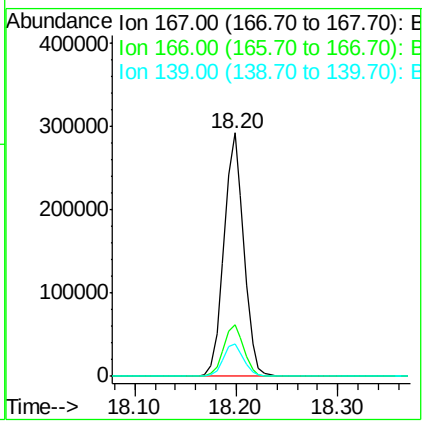


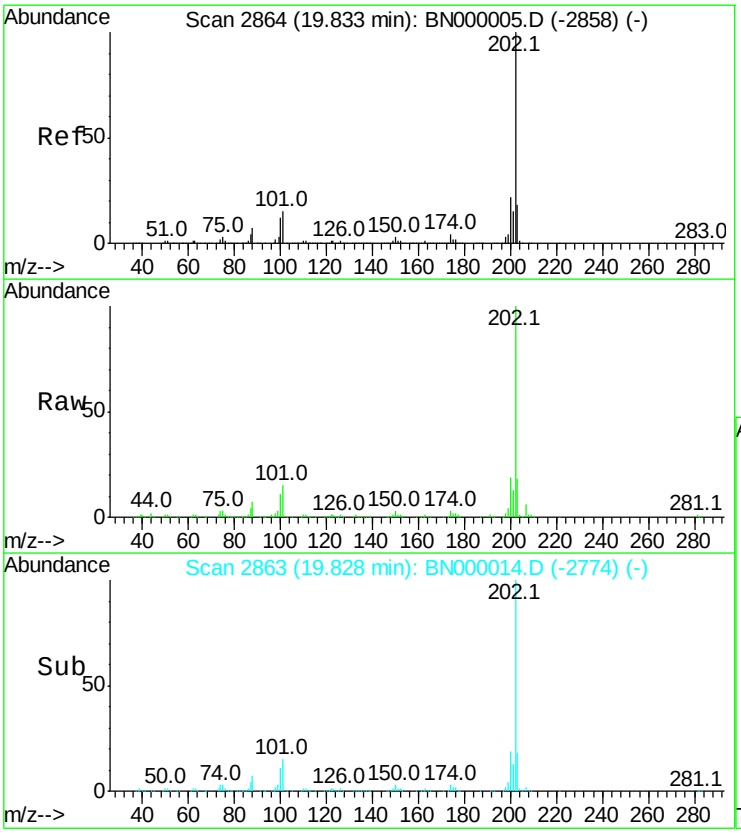
#72
Carbazole
Concen: 2.814 ng
RT: 18.20 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 397099

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.4
139	13.1	9.4	14.2

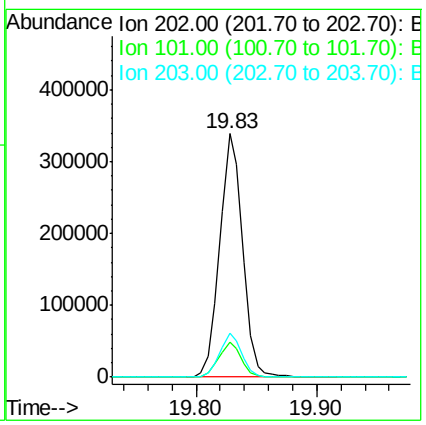


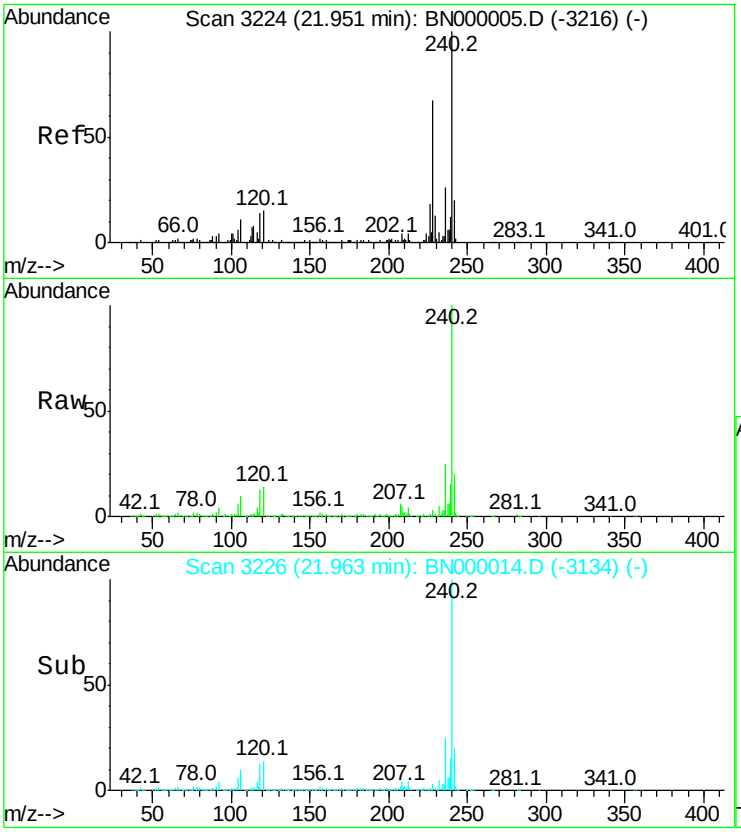


#74
Fluoranthene
Concen: 2.830 ng
RT: 19.83 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:202 Resp: 442511

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	28.9
203	18.1	0.0	37.5



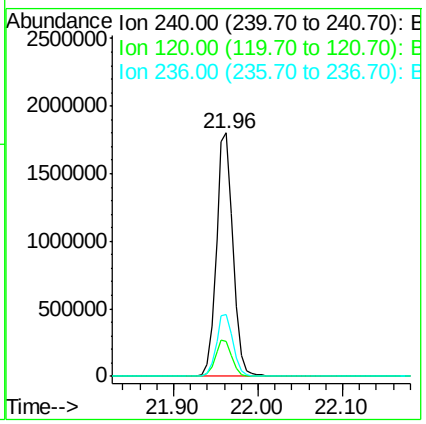


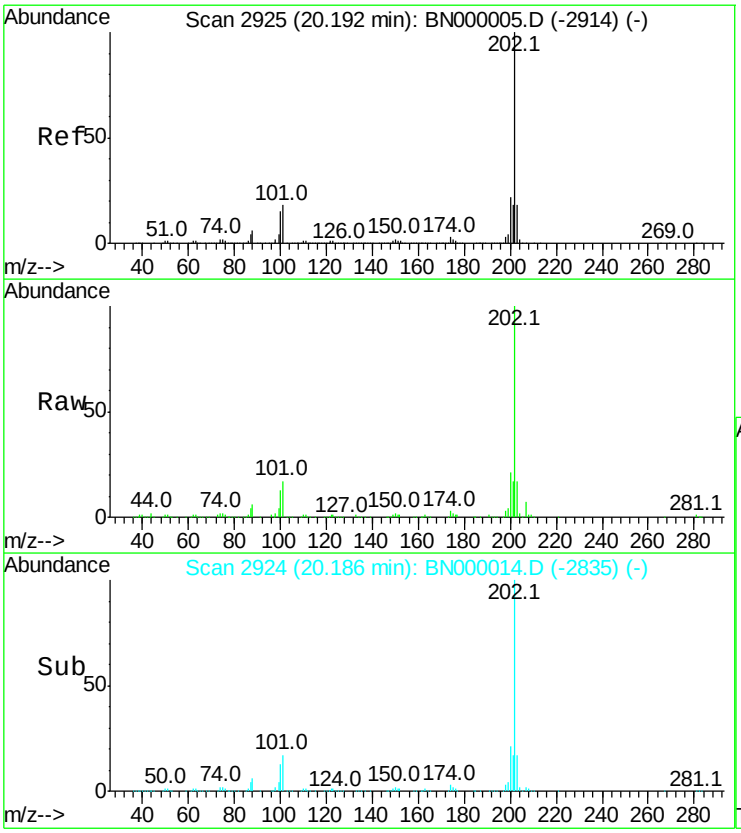
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3226
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2478930

Ion	Ratio	Lower	Upper
240	100		
120	14.3	6.8	10.2#
236	25.4	20.9	31.3

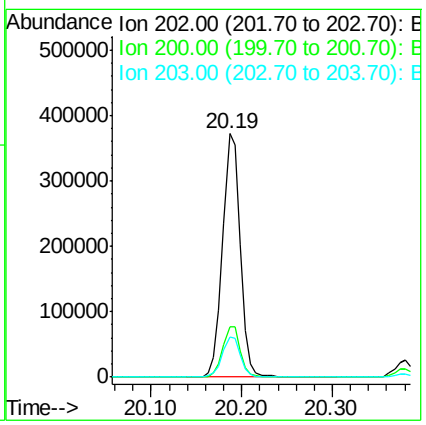


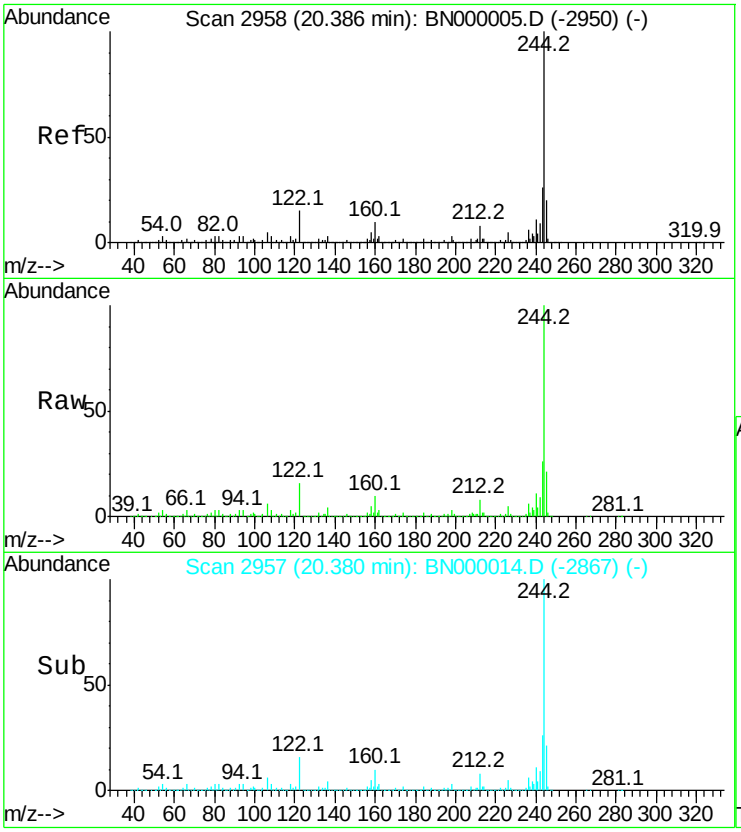


#77
Pyrene
Concen: 3.199 ng
RT: 20.19 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:202 Resp: 500267

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.7	13.9	20.9



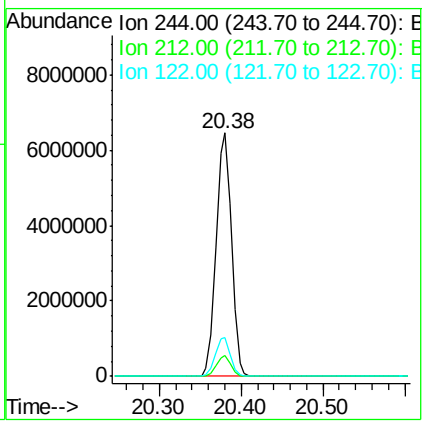


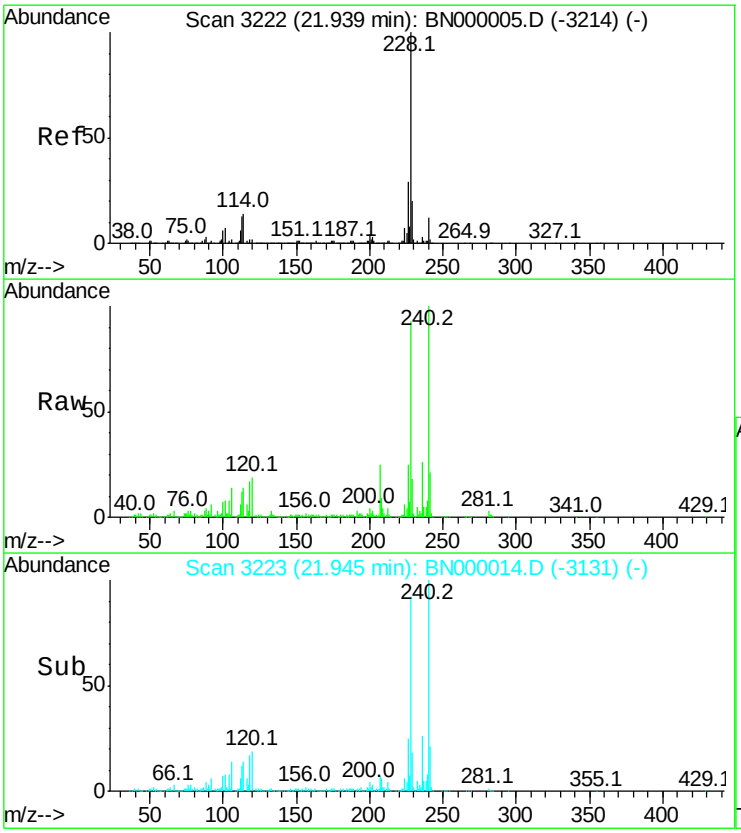
#78
Terphenyl-d14
Concen: 90.281 ng
RT: 20.38 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8479114

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	16.0	7.0	10.4#

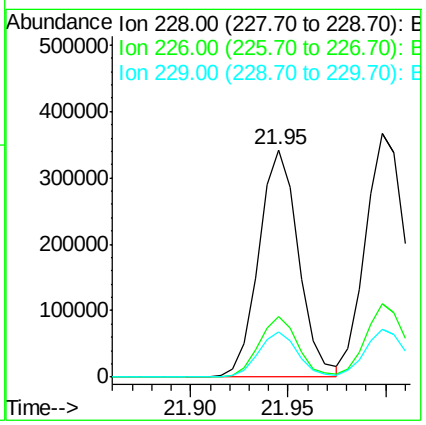


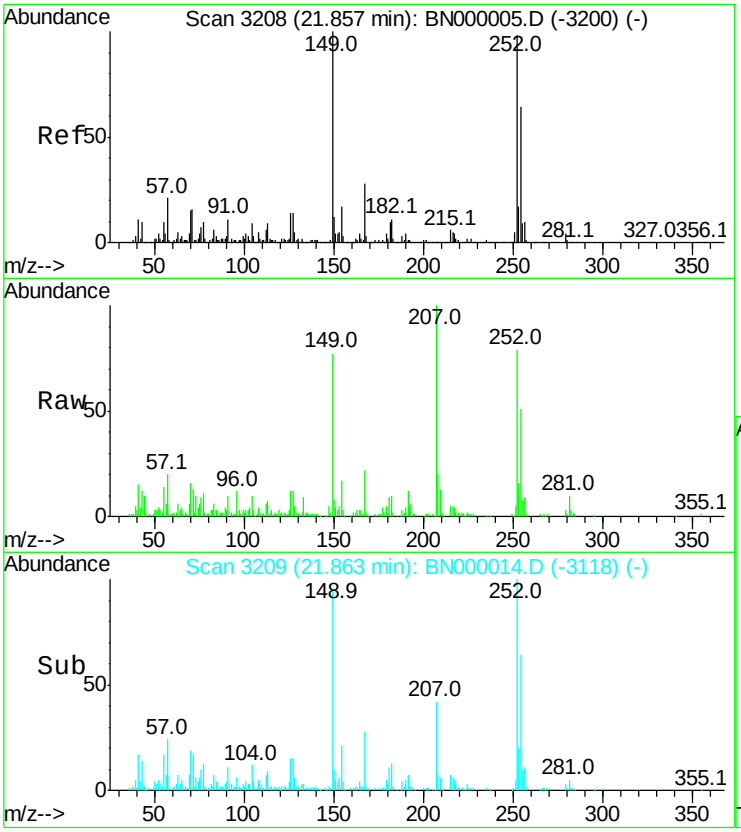


#80
Benzo(a)anthracene
Concen: 3.147 ng
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:228 Resp: 483698

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	19.8	16.2	24.2



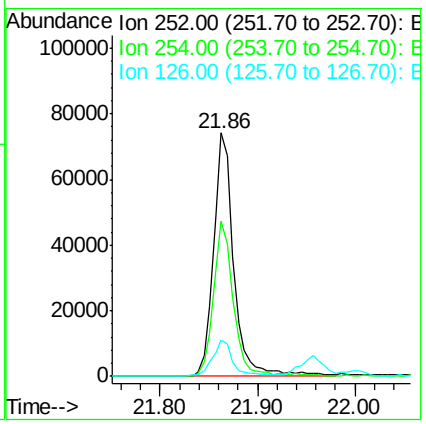


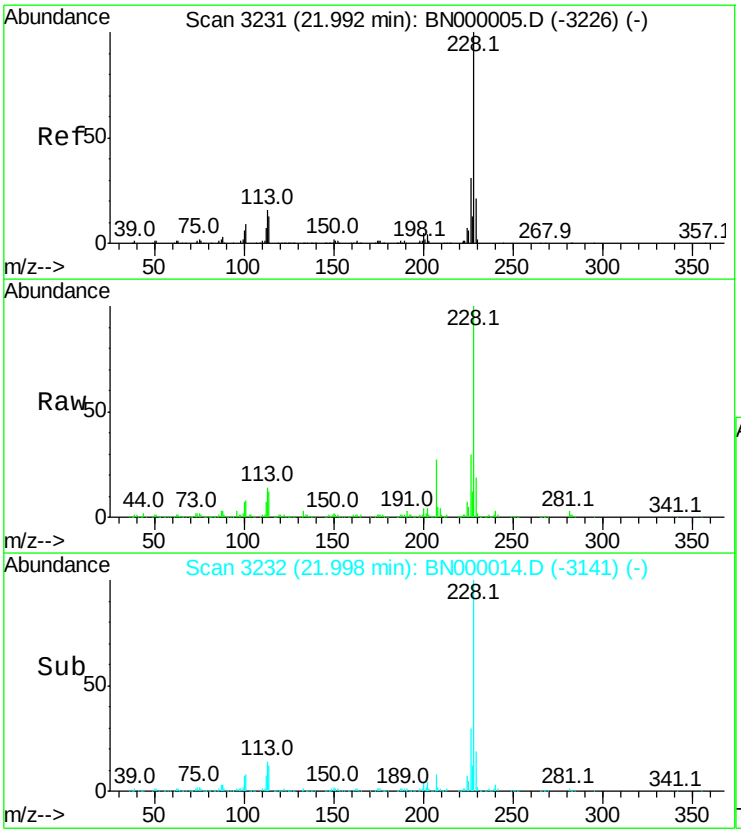
#81
3,3'-Dichlorobenzidine
Concen: 2.076 ng
RT: 21.86 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 106945

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	14.8	7.4	11.2#

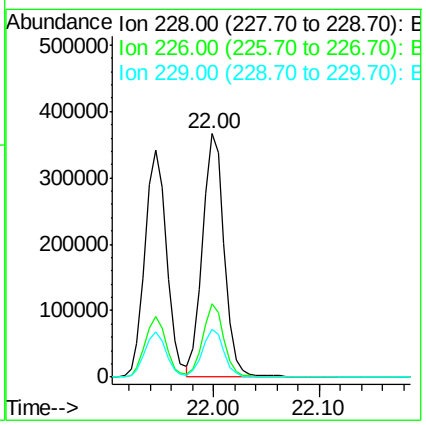


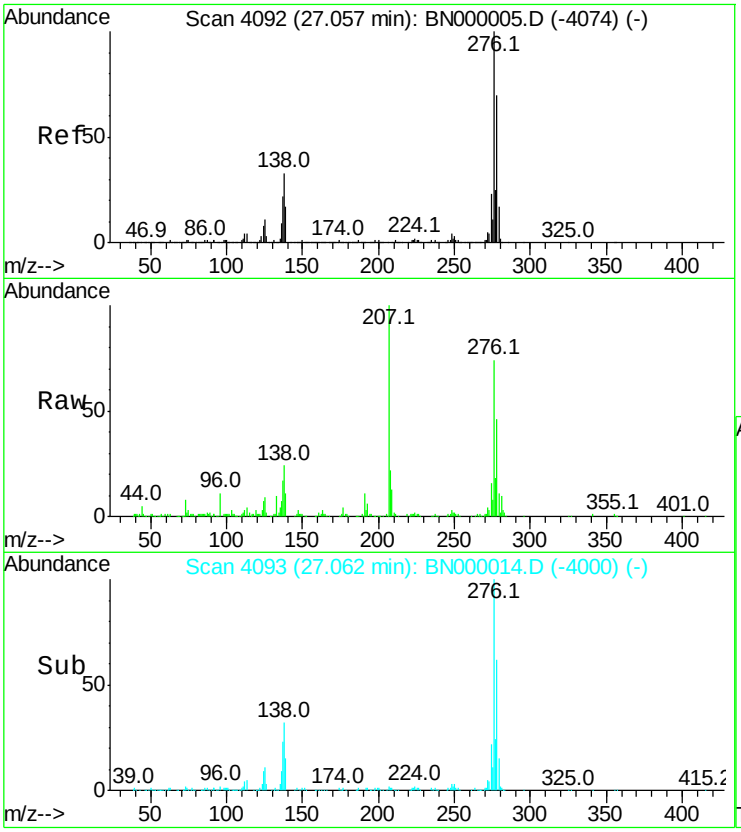


#82
Chrysene
Concen: 3.435 ng
RT: 22.00 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:228 Resp: 524394

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.4	15.0	22.4



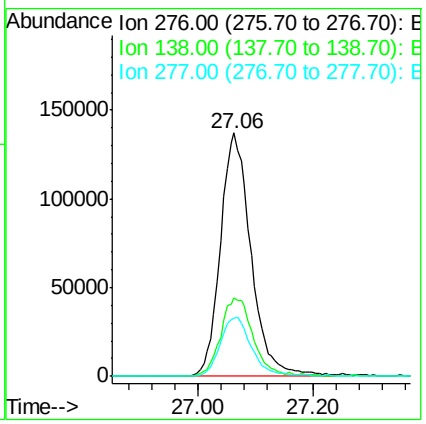


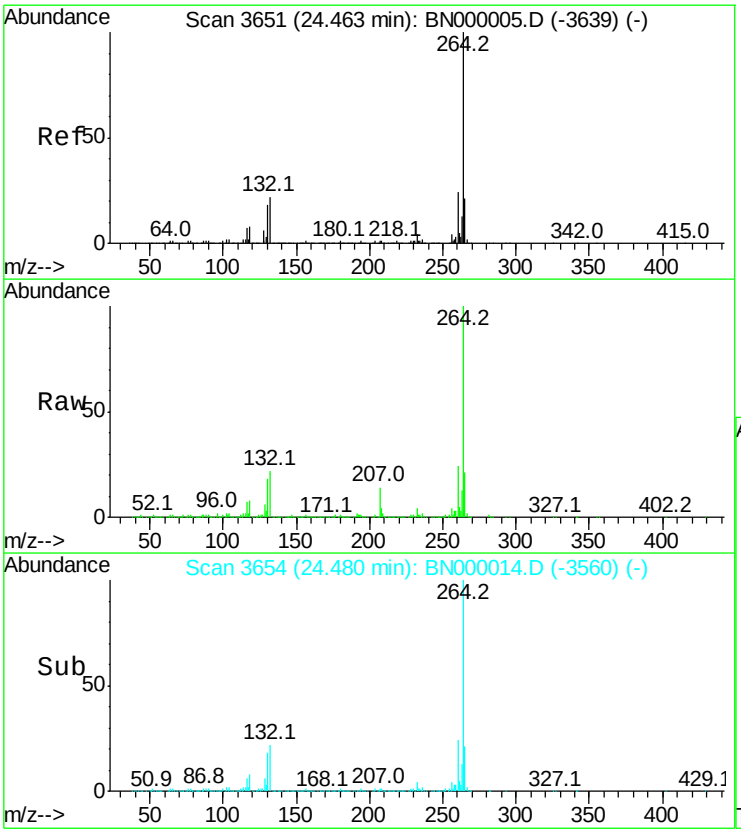
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.563 ng
RT: 27.06 min Scan# 4093
Delta R.T. 0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 504718

Ion	Ratio	Lower	Upper
276	100		
138	34.4	16.0	24.0#
277	25.0	20.0	30.0

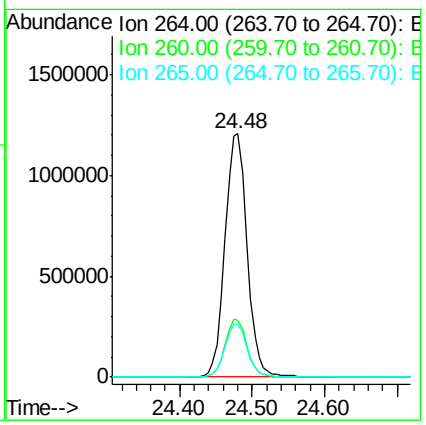


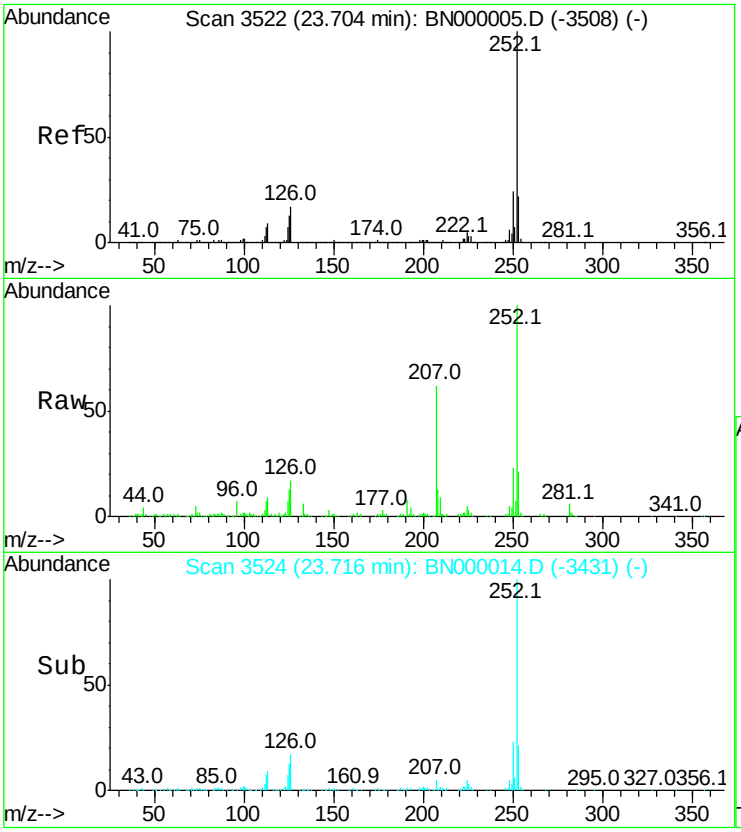


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.48 min Scan# 3654
Delta R.T. 0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:264 Resp: 2566366

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5



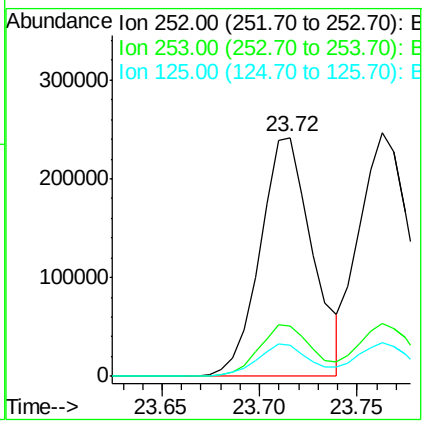


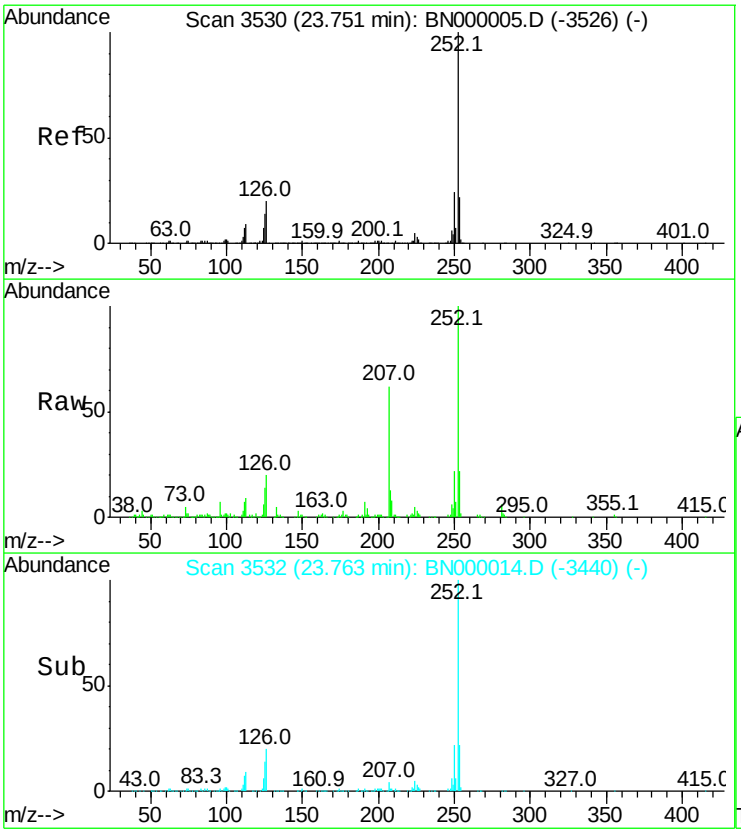
#87
Benzo(b)fluoranthene
Concen: 2.947 ng
RT: 23.72 min Scan# 3524
Delta R.T. 0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 449614

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	13.1	7.2	10.8#

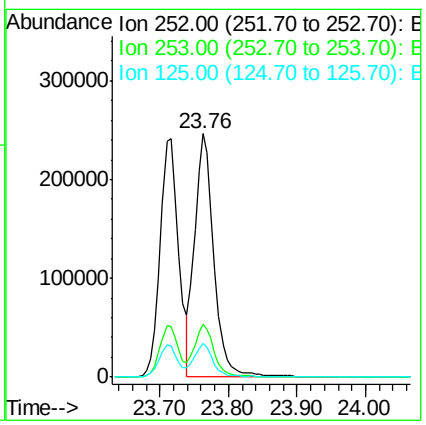


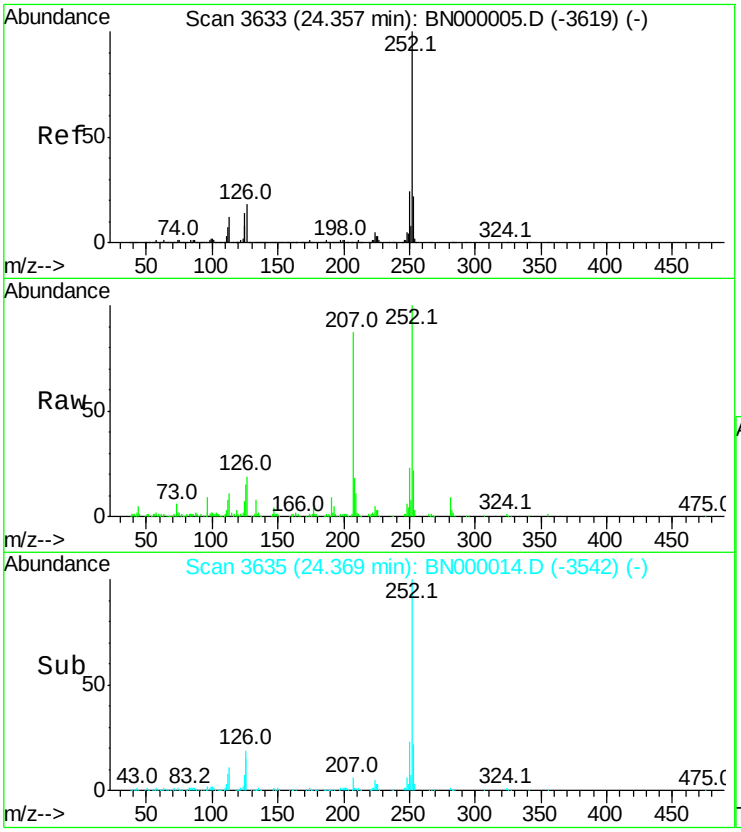


#88
Benzo(k)fluoranthene
Concen: 3.139 ng
RT: 23.76 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:252 Resp: 480297

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	14.1	6.6	9.8#



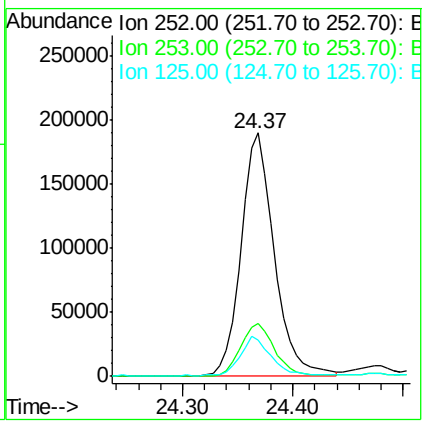


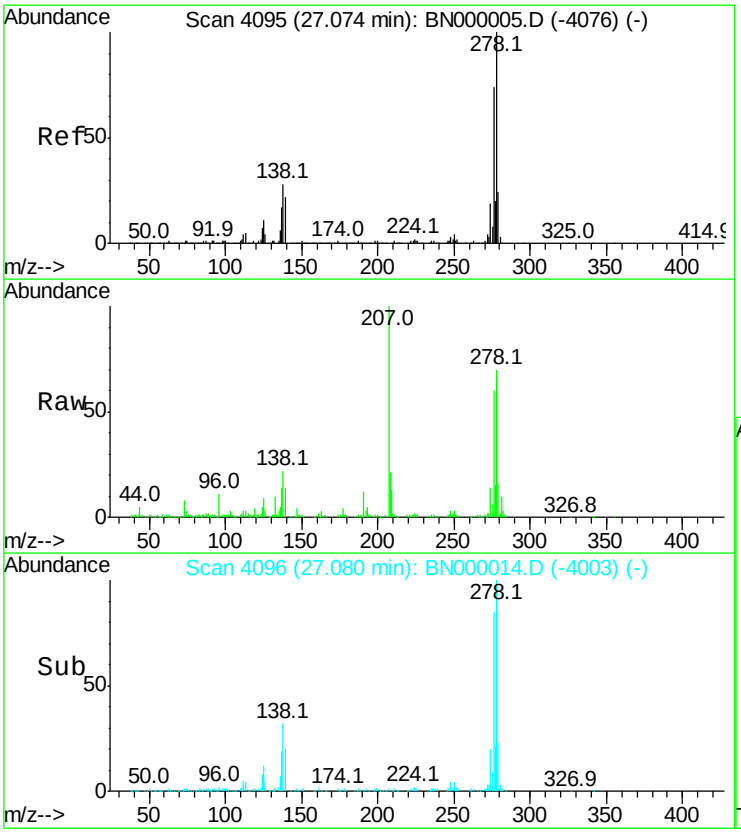
#89
Benzo(a)pyrene
Concen: 2.716 ng
RT: 24.37 min Scan# 3635
Delta R.T. 0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 402603

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	14.9	7.3	10.9#

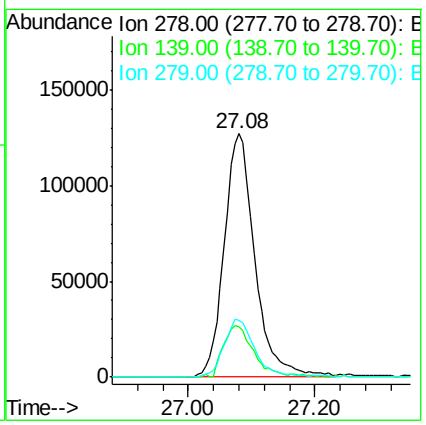


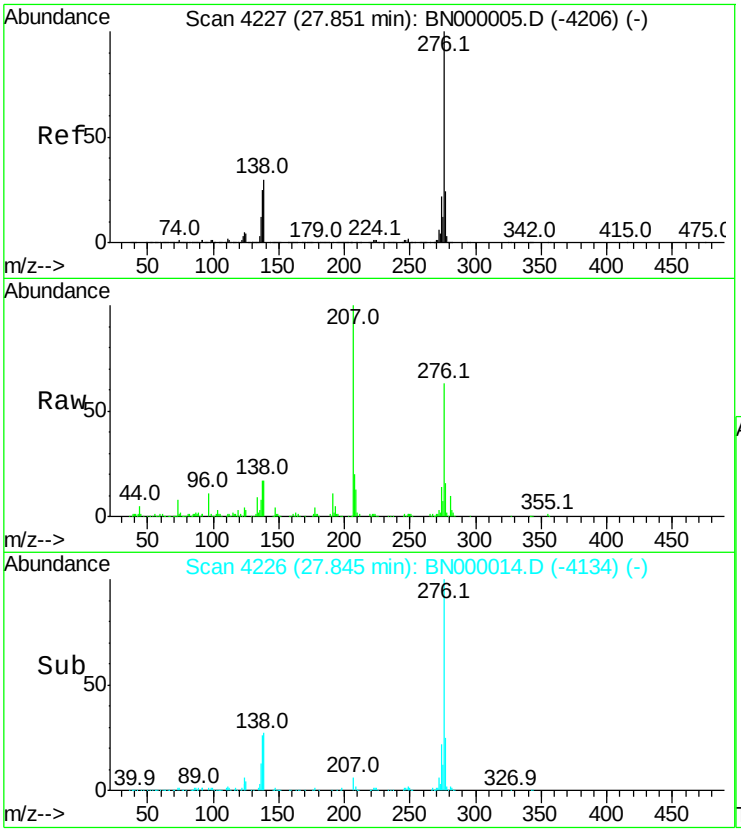


#90
Dibenzo(a,h)anthracene
Concen: 2.733 ng
RT: 27.08 min Scan# 4096
Delta R.T. 0.02 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Tgt Ion:278 Resp: 424022

Ion	Ratio	Lower	Upper
278	100		
139	20.5	9.8	14.6#
279	23.2	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 2.716 ng
RT: 27.84 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BN000014.D
Acq: 05 Feb 2018 12:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 428325

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	27.3	13.9	20.9#