Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000016.D
Acq On : 05 Feb 2018 13:33
Operator :
Sample : MDL-S-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 06 05:21:58 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	293801	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	1446716	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	853902	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	1934265	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2246983	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2410393	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2464807	123.70	ng		0.00
7) Phenol-d6	7.59	99	3525895	116.49	ng		0.00
23) Nitrobenzene-d5	9.65	82	2266443	94.73	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1028316	119.80	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5997805	94.07	ng		0.00
78) Terphenyl-d14	20.37	244	8019213	94.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	24628	3.124	ng		92
3) Pyridine	4.15	79	58068	2.429	ng	#	88
4) n-Nitrosodimethylamine	4.02	42	17306	2.460	ng	#	95
6) Aniline	7.78	93	109545	2.655	ng		90
8) 2-Chlorophenol	8.03	128	64973	2.947	ng		92
10) Phenol	7.62	94	89544	2.894	ng		93
11) bis(2-Chloroethyl)ether	7.88	93	73870	2.993	ng		84
12) 1,3-Dichlorobenzene	8.36	146	74645	3.050	ng		97
13) 1,4-Dichlorobenzene	8.52	146	77562	3.086	ng		96
14) 1,2-Dichlorobenzene	8.84	146	77385	3.116	ng		95
15) Benzyl Alcohol	8.71	79	49695	2.236	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.00	45	78678	2.947	ng		79
17) 2-Methylphenol	8.90	107	52515	2.354	ng		91
18) Hexachloroethane	9.58	117	23494	2.726	ng	#	79
19) n-Nitroso-di-n-propylamine	9.28	70	45747	2.243	ng	#	81
20) 3+4-Methylphenols	9.23	107	69561	2.226	ng		95
22) Acetophenone	9.30	105	119112	2.788	ng	#	88
24) Nitrobenzene	9.69	77	89758	3.498	ng	#	94
25) Isophorone	10.22	82	129056	2.277	ng		95
27) 2,4-Dimethylphenol	10.46	122	60698	2.612	ng		96
28) bis(2-Chloroethoxy)methane	10.70	93	89470	2.737	ng		97
29) 2,4-Dichlorophenol	10.95	162	40592	2.036	ng		94
30) 1,2,4-Trichlorobenzene	11.17	180	72984	3.126	ng		91
31) Naphthalene	11.37	128	251914	3.105	ng		98
32) Benzoic acid	10.46	122	60698	11.050	ng	#	6
33) 4-Chloroaniline	11.46	127	92662	2.463	ng		94
34) Hexachlorobutadiene	11.65	225	37837	3.181	ng		93
37) 2-Methylnaphthalene	12.95	142	163302	2.848	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	77526	3.117	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	20256	2.438	ng		96
42) 2,4,6-Trichlorophenol	13.59	196	30406	2.068	ng		99
45) 1,1'-Biphenyl	13.93	154	246344	3.229	ng		98
46) 2-Chloronaphthalene	13.97	162	176209	3.076	ng		95
48) Acenaphthylene	14.81	152	241951	2.516	ng		98

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000016.D
Acq On : 05 Feb 2018 13:33
Operator :
Sample : MDL-S-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 06 05:21:58 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)
49) Dimethylphthalate	14.52	163	195470	2.561	ng		97
51) Acenaphthene	15.15	154	177114	2.918	ng		98
53) 2,4-Dinitrophenol	15.17	184	4847	6.035	ng		80
54) Dibenzofuran	15.47	168	270219	3.103	ng		96
57) Fluorene	16.12	166	211217	2.880	ng		99
59) Diethylphthalate	15.87	149	186140	2.334	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	99024	3.055	ng		93
62) Azobenzene	16.40	77	189274	2.375	ng		91
65) n-Nitrosodiphenylamine	16.32	169	167258	2.646	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	51857	2.865	ng	#	87
67) Hexachlorobenzene	17.11	284	65001	3.117	ng	#	86
68) Atrazine	17.24	200	42044	2.182	ng		96
70) Phenanthrene	17.85	178	369476	3.175	ng		99
71) Anthracene	17.94	178	309764	2.687	ng		98
72) Carbazole	18.20	167	313291	2.626	ng		96
74) Fluoranthene	19.82	202	350668	2.654	ng		95
77) Pyrene	20.18	202	399032	2.815	ng		100
80) Benzo(a)anthracene	21.91	228	394459	2.831	ng		98
82) Chrysene	21.97	228	450299	3.255	ng		96
85) Indeno(1,2,3-cd)pyrene	27.00	276	453782	2.543	ng	#	87
87) Benzo(b)fluoranthene	23.67	252	392035	2.735	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	403670	2.809	ng	#	96
89) Benzo(a)pyrene	24.32	252	348849	2.506	ng	#	93
90) Dibenzo(a,h)anthracene	27.02	278	378369	2.596	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	384904	2.599	ng	#	91

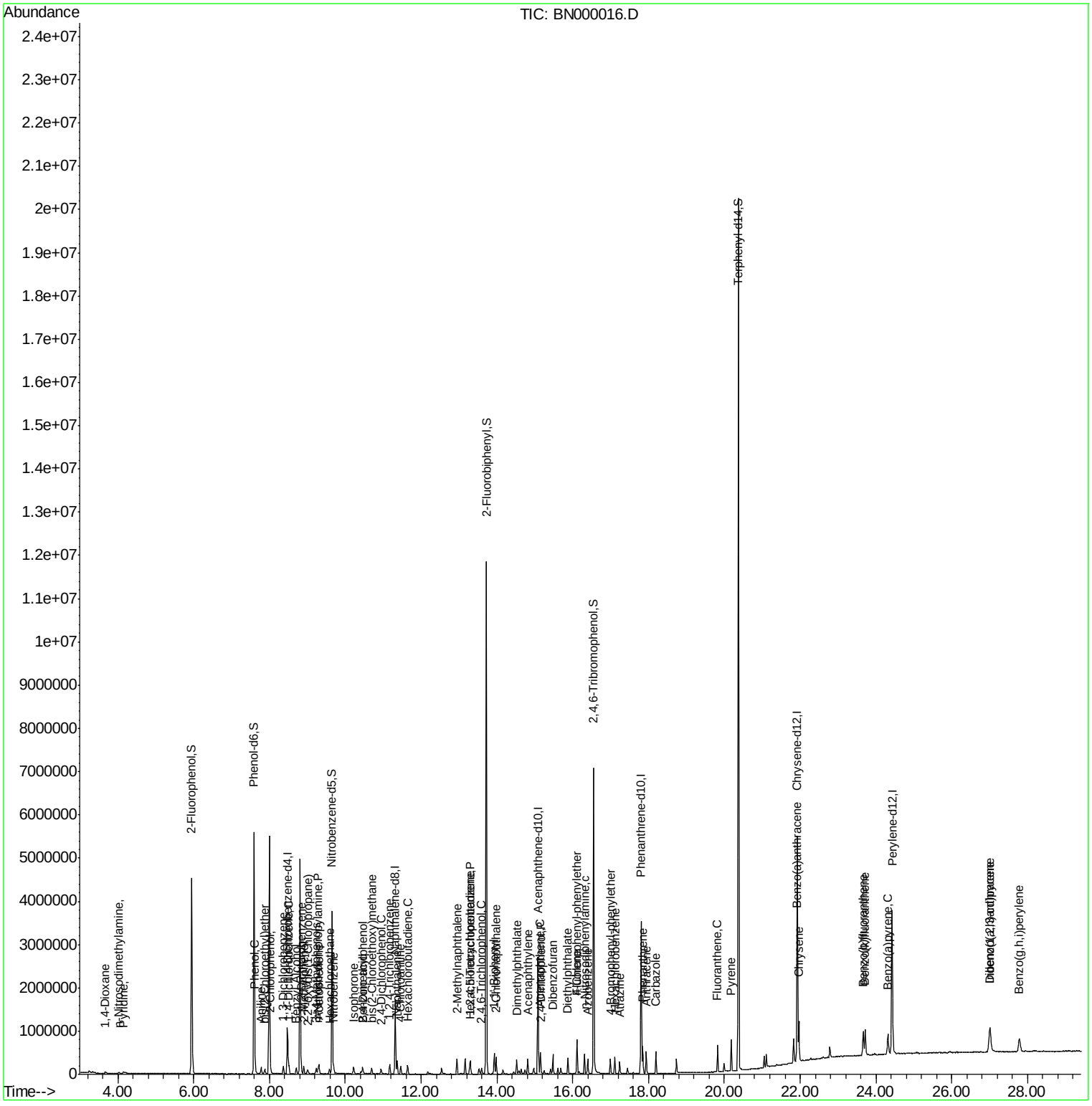
(#) = qualifier out of range (m) = manual integration (+) = signals summed

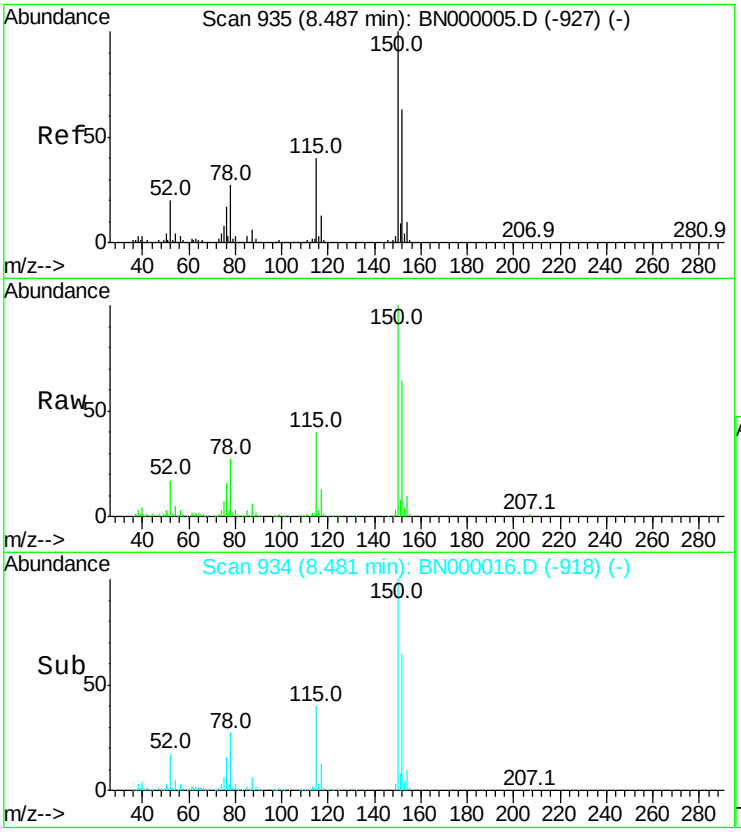
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000016.D
Acq On : 05 Feb 2018 13:33
Operator :
Sample : MDL-S-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 05:21:58 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



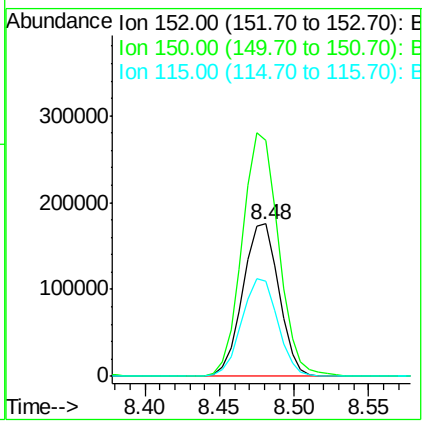


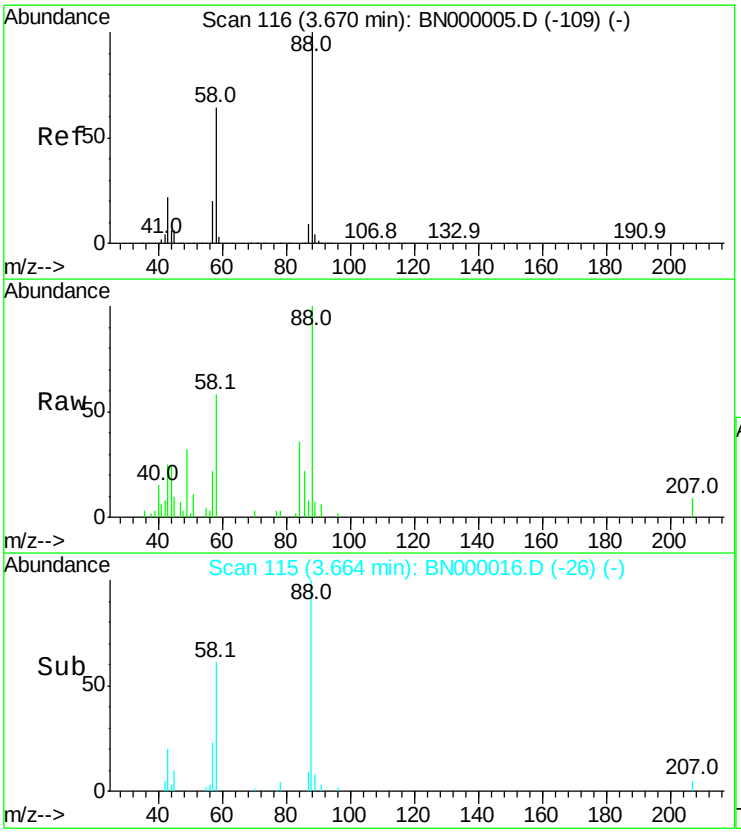
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 293801

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	62.4	53.0	79.4

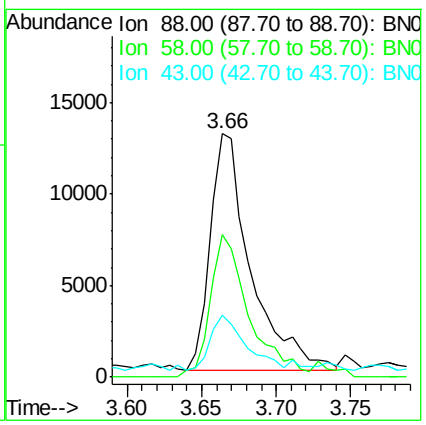


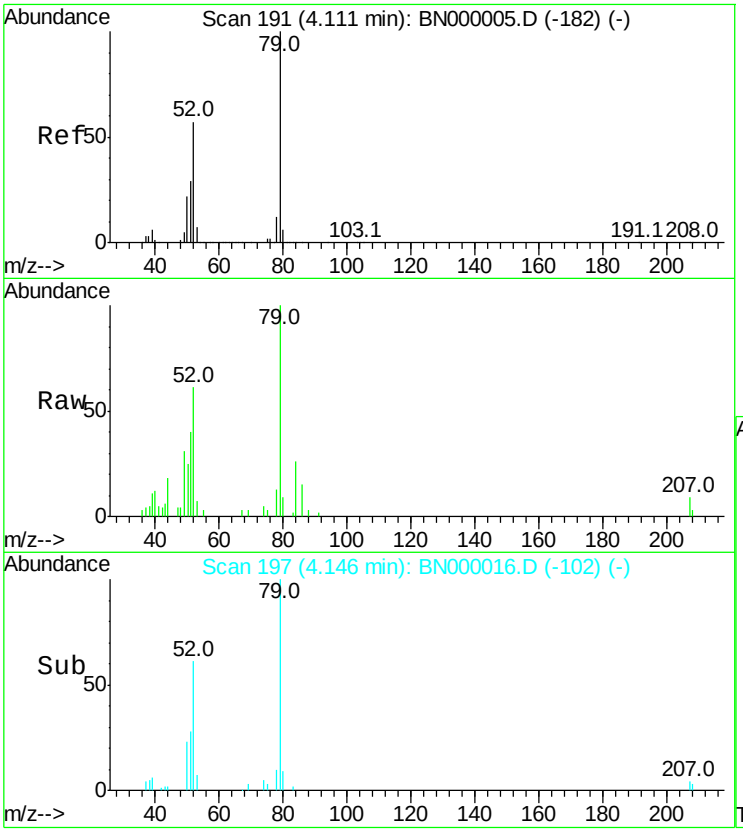


#2
1,4-Dioxane
Concen: 3.124 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 88 Resp: 24628

Ion	Ratio	Lower	Upper
88	100		
58	57.6	52.0	78.0
43	22.3	20.0	30.0



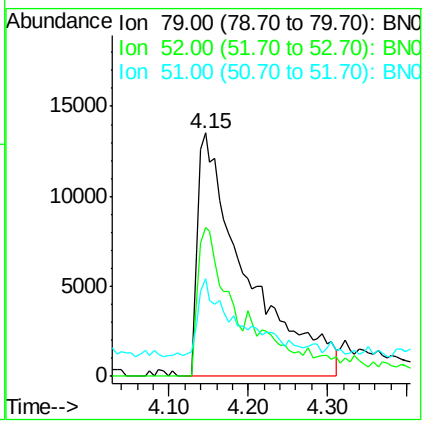


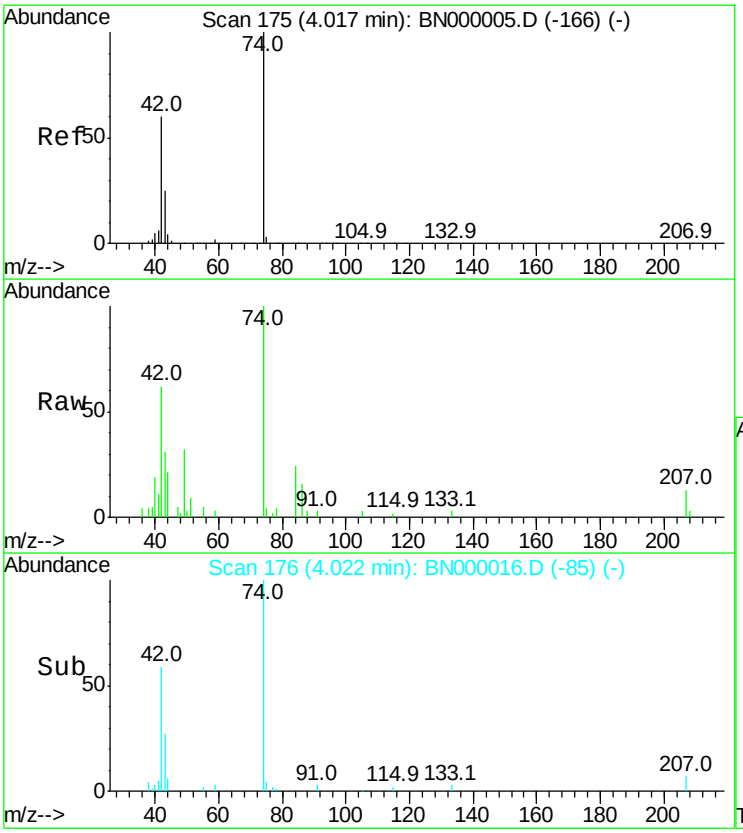
#3
Pyridine
Concen: 2.429 ng
RT: 4.15 min Scan# 197
Delta R.T. 0.03 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 79 Resp: 58068

Ion	Ratio	Lower	Upper
79	100		
52	61.0	44.0	66.0
51	39.9	24.0	36.0#

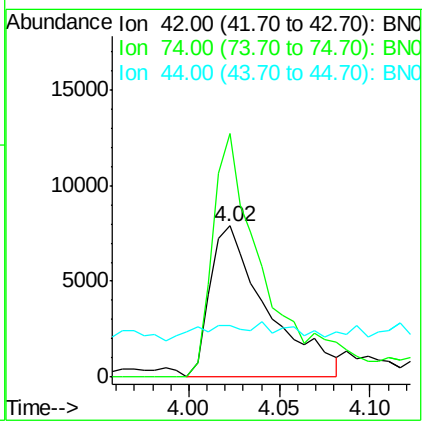


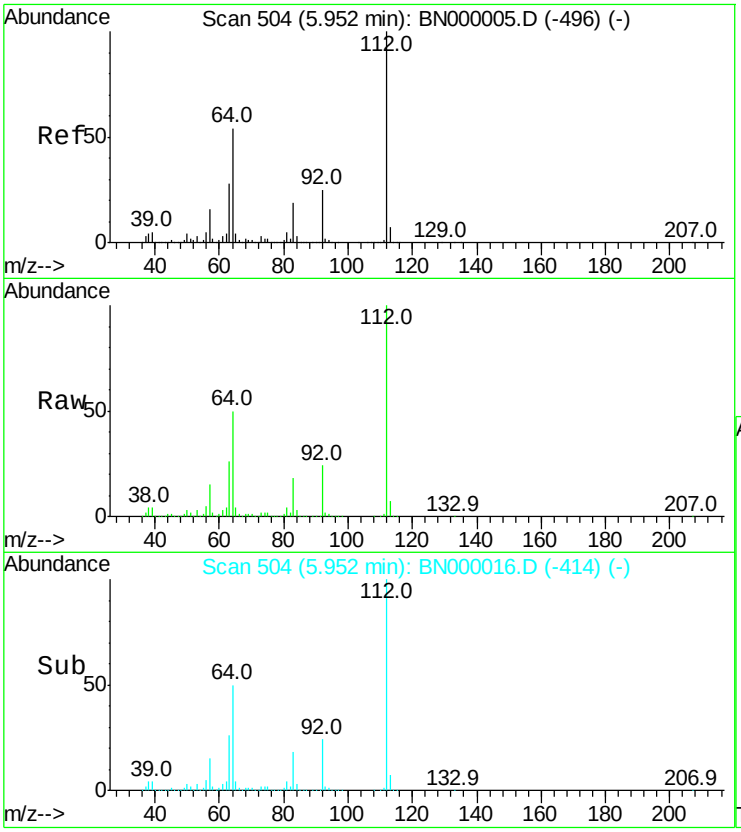


#4
n-Nitrosodimethylamine
Concen: 2.460 ng
RT: 4.02 min Scan# 176
Delta R.T. 0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 42 Resp: 17306

Ion	Ratio	Lower	Upper
42	100		
74	161.1	128.0	192.0
44	34.6	12.0	18.0#



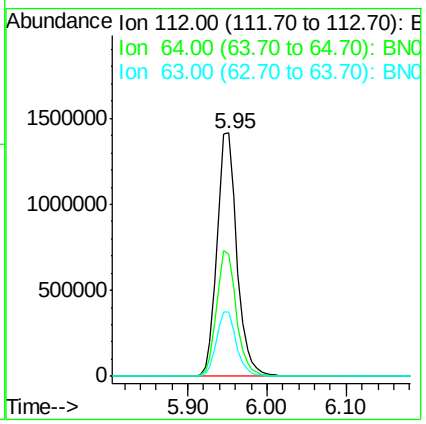


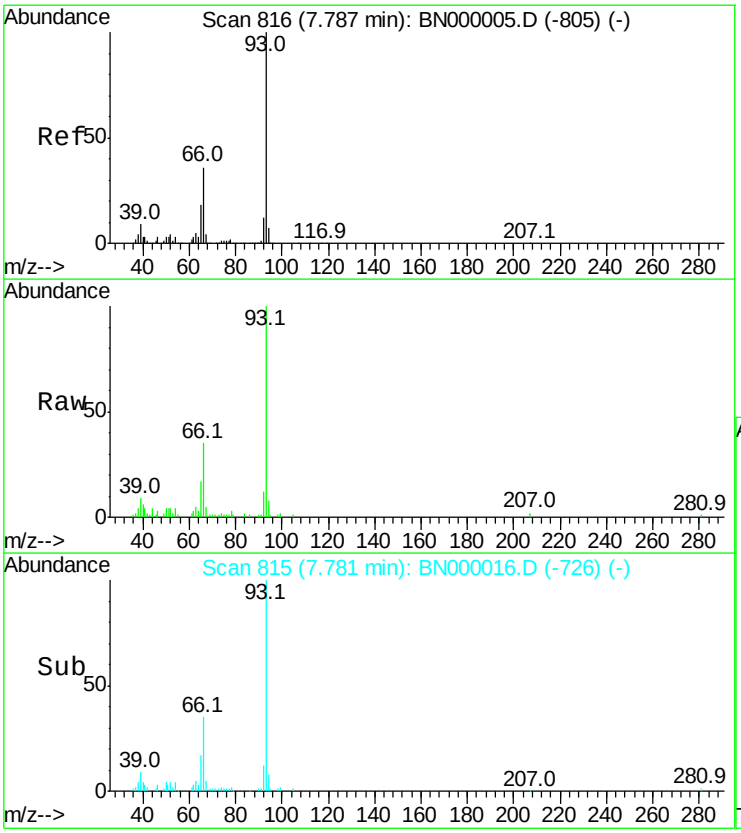
#5
2-Fluorophenol
Concen: 123.696 ng
RT: 5.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2464807

Ion	Ratio	Lower	Upper
112	100		
64	50.2	56.3	84.5#
63	26.3	30.1	45.1#

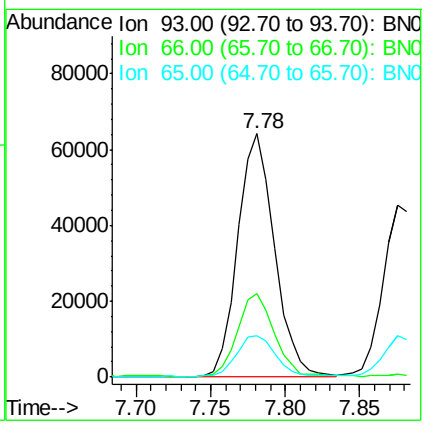


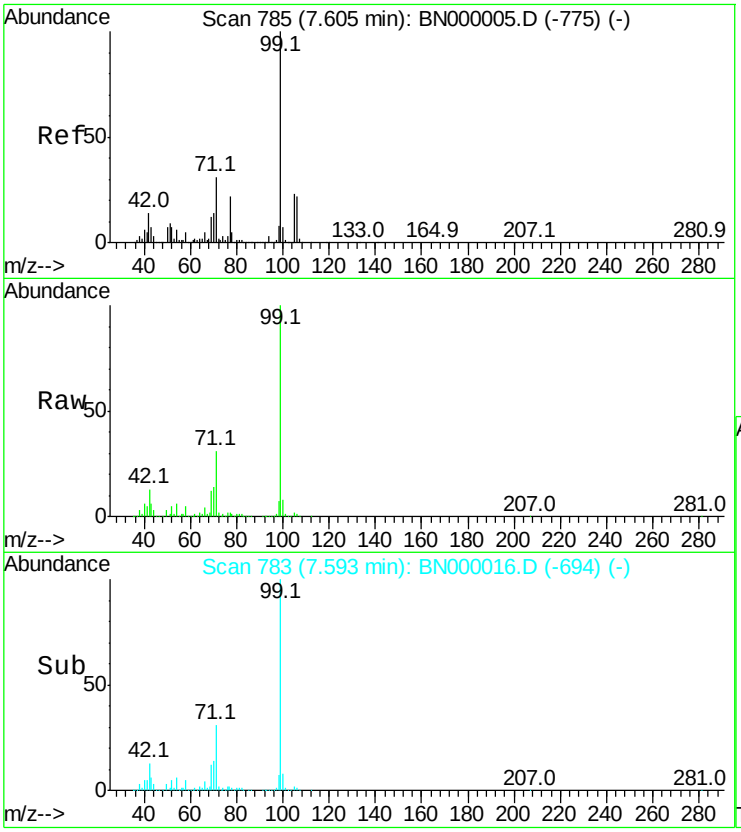


#6
Aniline
Concen: 2.655 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 93 Resp: 109545

Ion	Ratio	Lower	Upper
93	100		
66	34.5	33.7	50.5
65	17.3	16.1	24.1



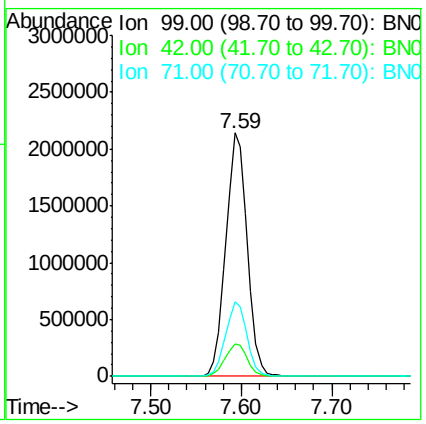


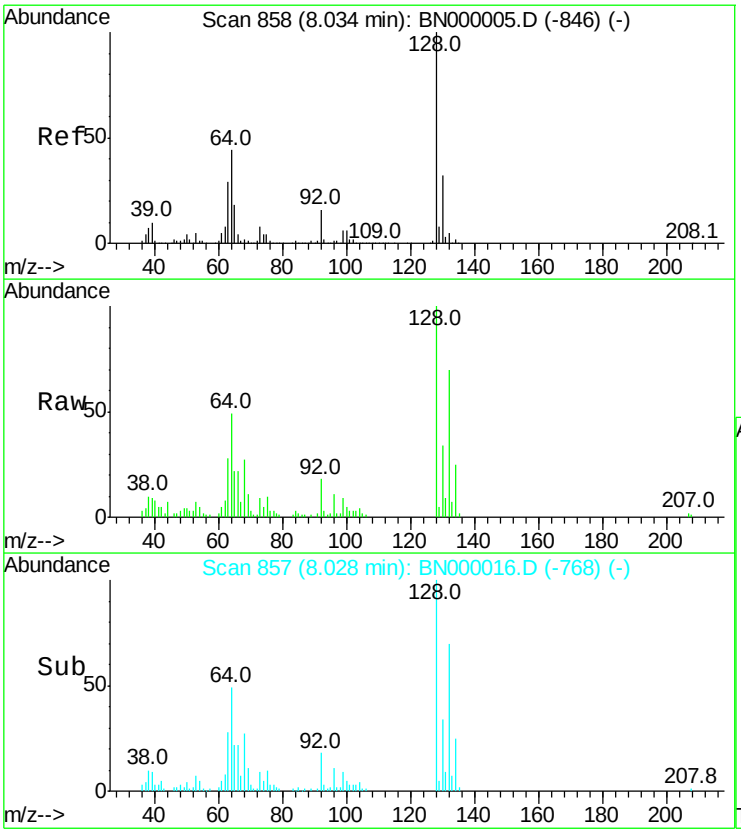
#7
Phenol-d6
Concen: 116.492 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3525895

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	30.6	26.1	39.1

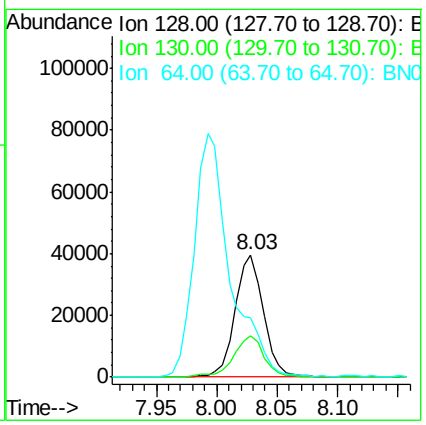


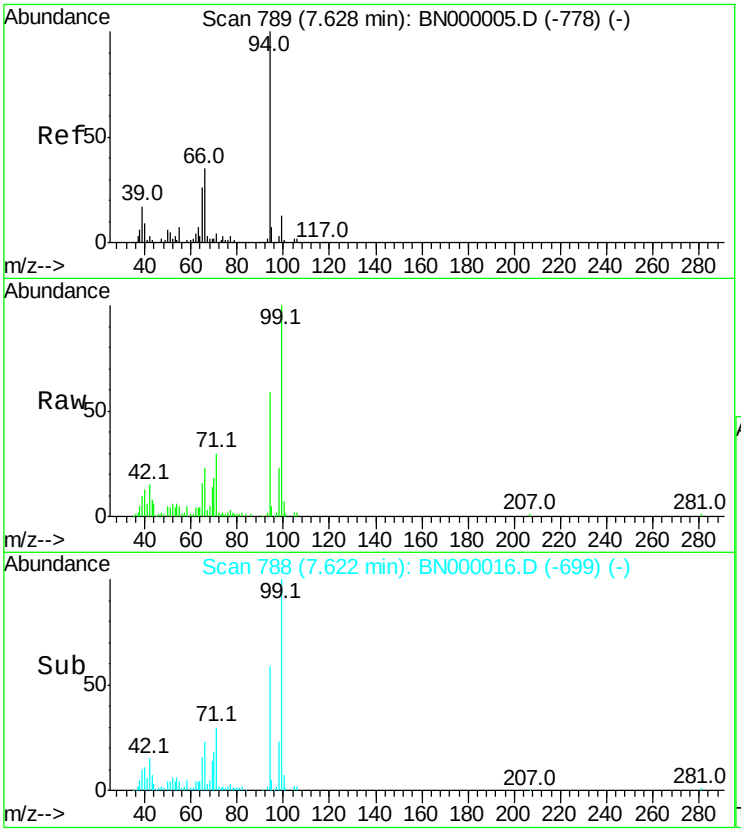


#8
2-Chlorophenol
Concen: 2.947 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:128 Resp: 64973

Ion	Ratio	Lower	Upper
128	100		
130	33.6	14.0	54.0
64	48.6	37.7	77.7



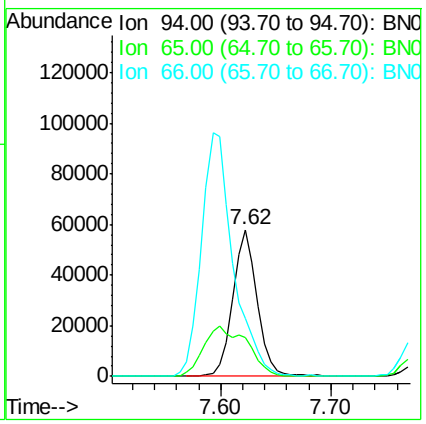


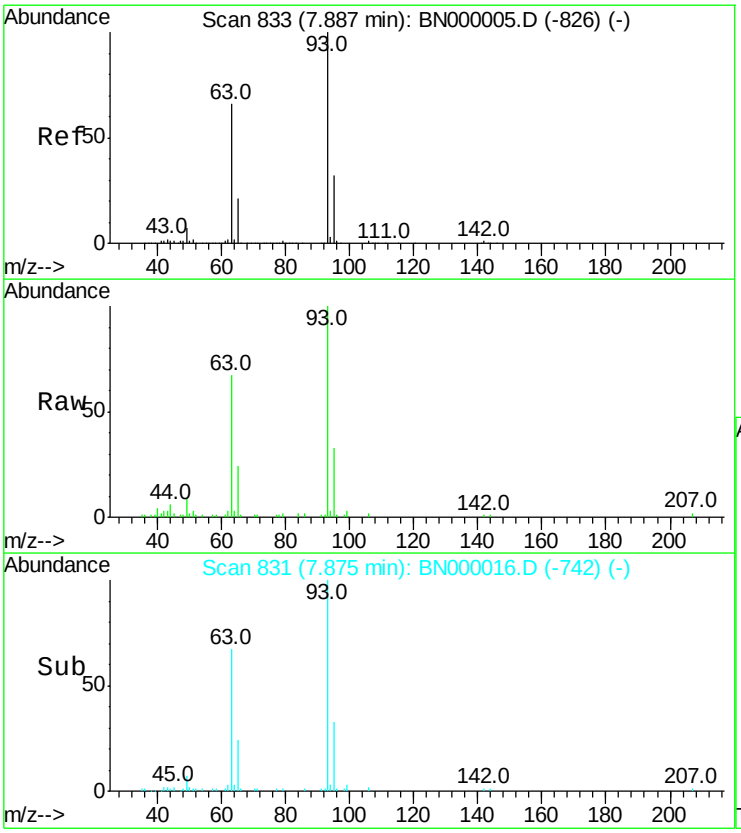
#10
Phenol
Concen: 2.894 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 89544

Ion	Ratio	Lower	Upper
94	100		
65	26.5	11.9	51.9
66	39.5	22.2	62.2

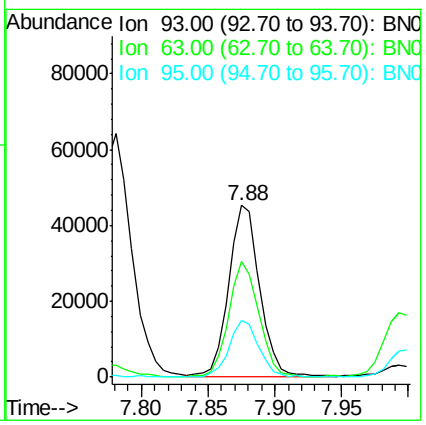


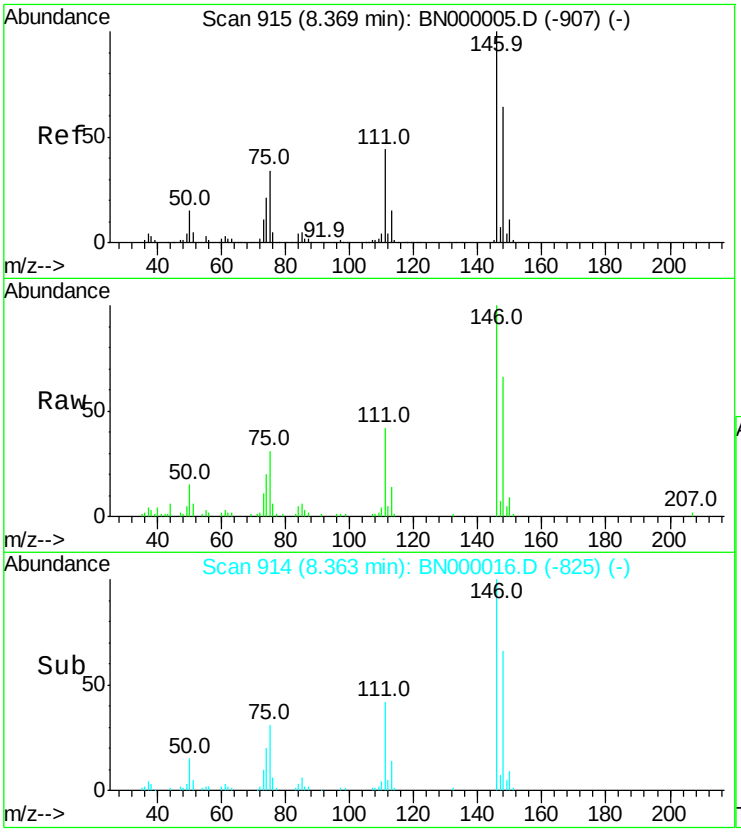


#11
bis(2-Chloroethyl)ether
Concen: 2.993 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 93 Resp: 73870

Ion	Ratio	Lower	Upper
93	100		
63	67.4	67.1	107.1
95	32.8	11.5	51.5



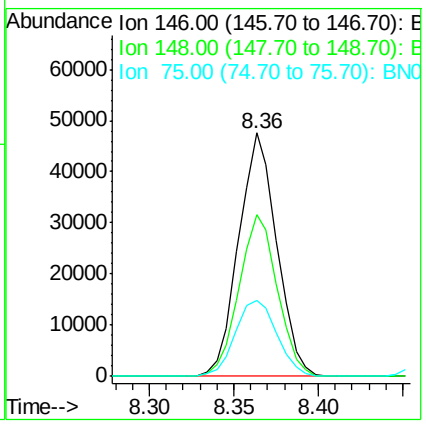


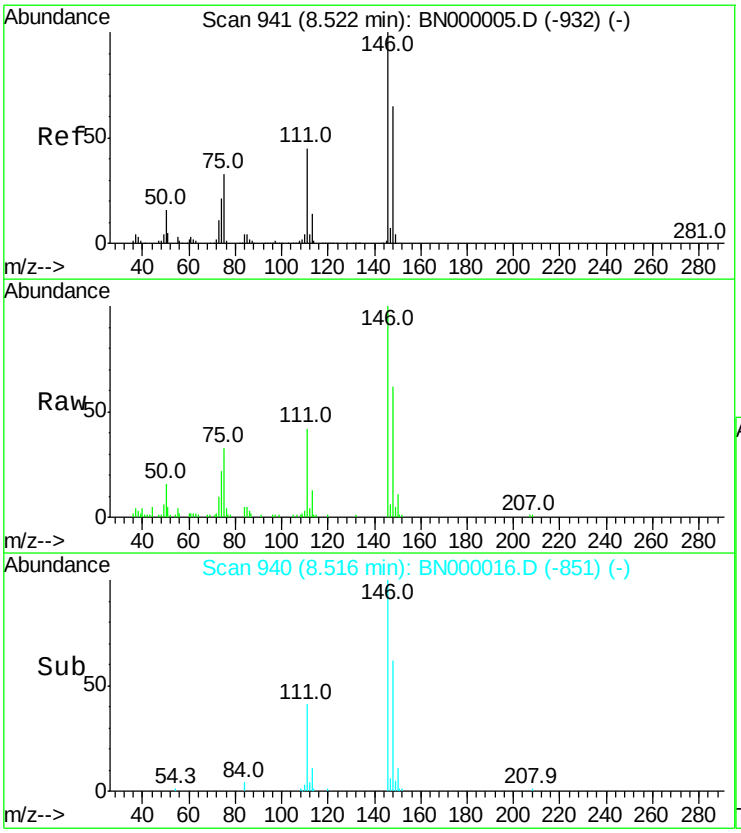
#12
1,3-Dichlorobenzene
Concen: 3.050 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 74645

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.2
75	31.3	26.6	39.8

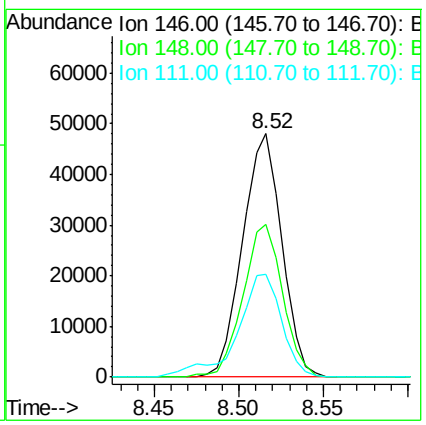


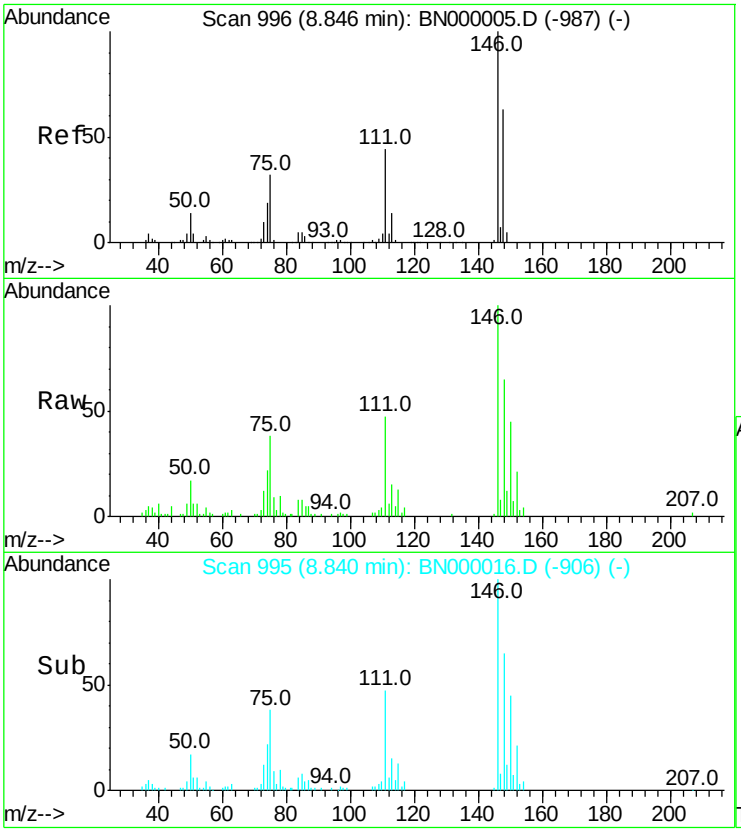


#13
1,4-Dichlorobenzene
Concen: 3.086 ng
RT: 8.52 min Scan# 940
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:146 Resp: 77562

Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.7	80.5
111	42.4	35.2	52.8



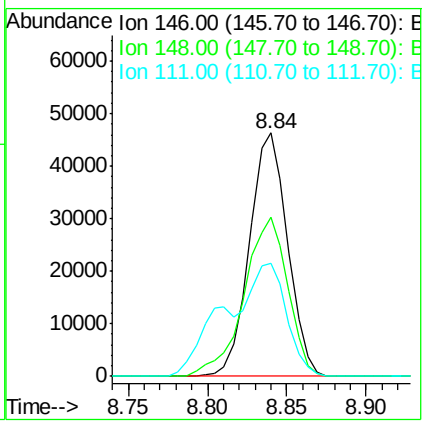


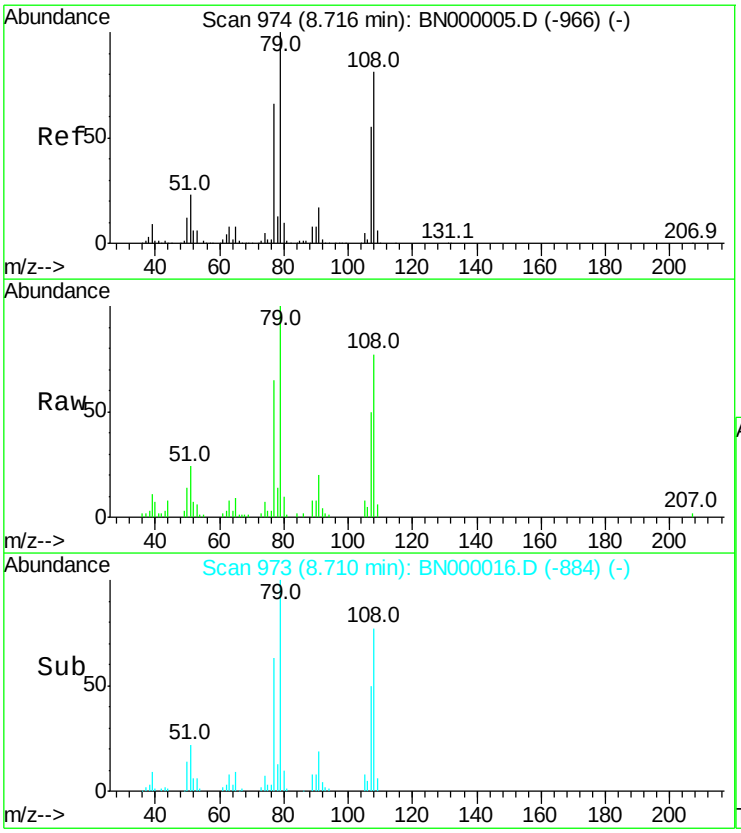
#14
1,2-Dichlorobenzene
Concen: 3.116 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:146 Resp: 77385

Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	46.5	34.3	51.5

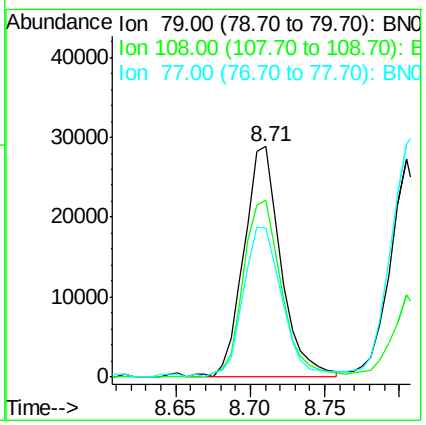


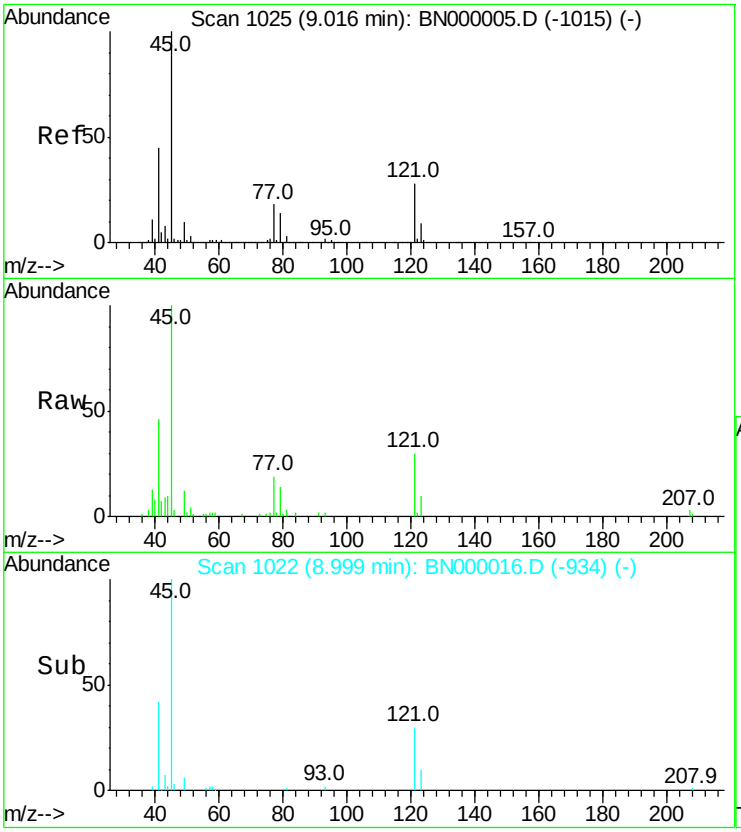


#15
Benzyl Alcohol
Concen: 2.236 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 79 Resp: 49695

Ion	Ratio	Lower	Upper
79	100		
108	76.6	57.2	85.8
77	64.6	46.1	69.1



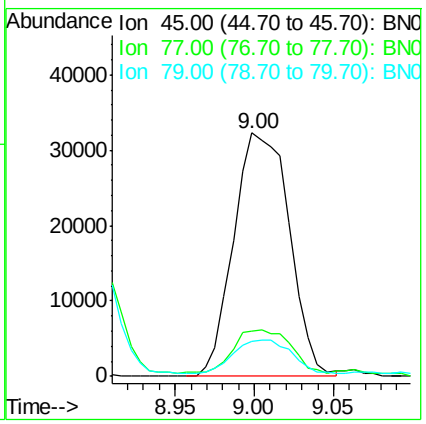


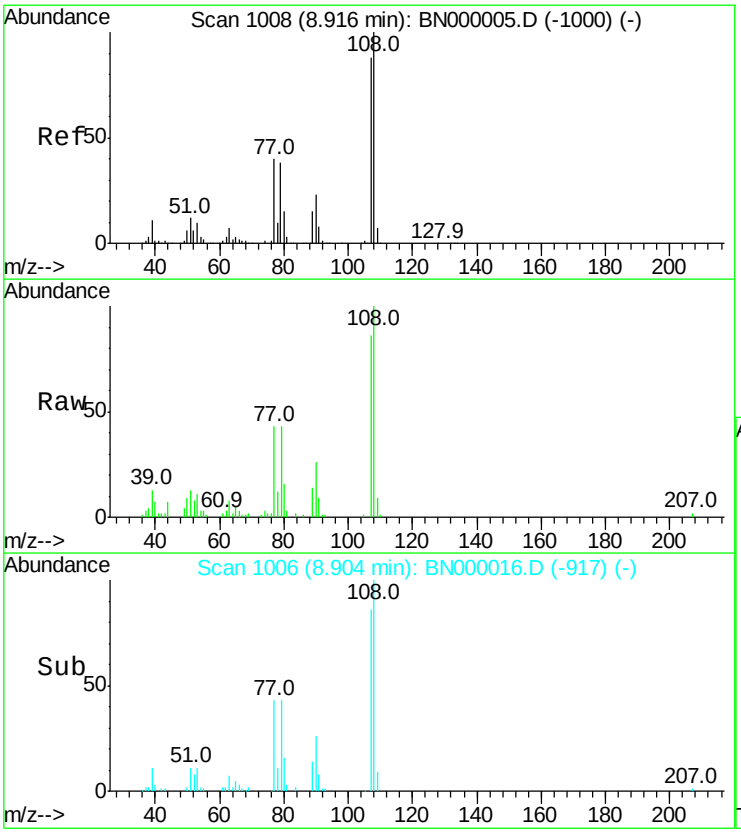
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.947 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 45 Resp: 78678

Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	30.2
79	14.2	0.0	27.9

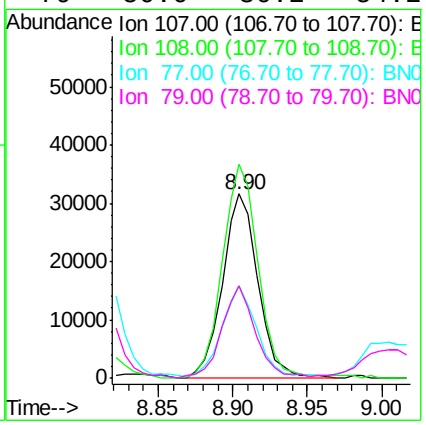


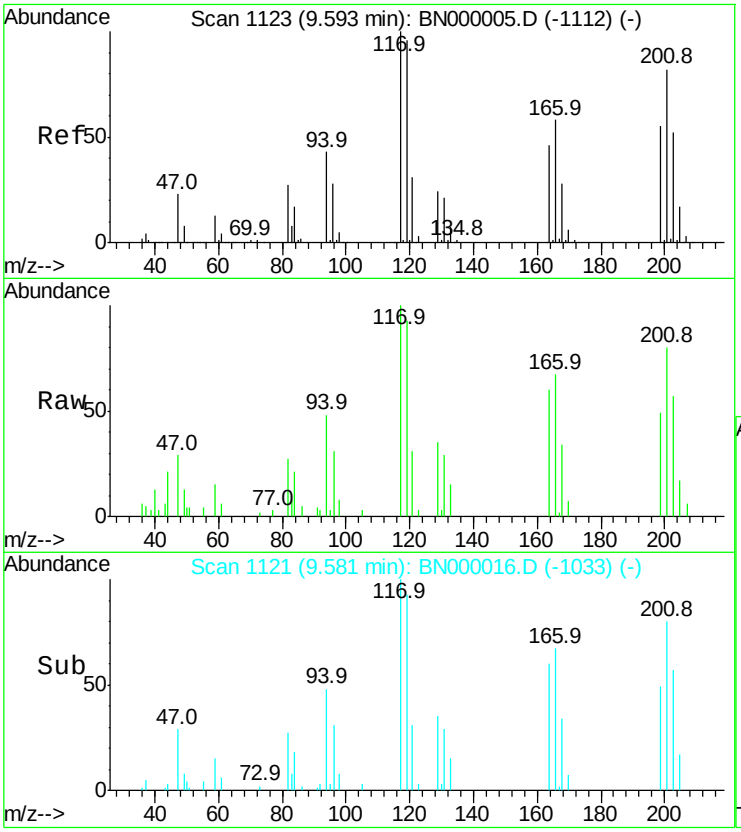


#17
2-Methylphenol
Concen: 2.354 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:107 Resp: 52515

Ion	Ratio	Lower	Upper
107	100		
108	116.1	83.9	125.9
77	50.0	37.2	55.8
79	50.0	36.2	54.2



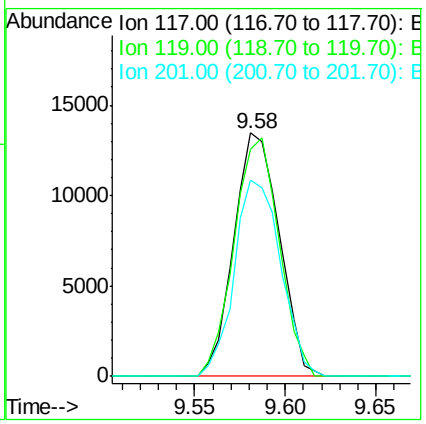


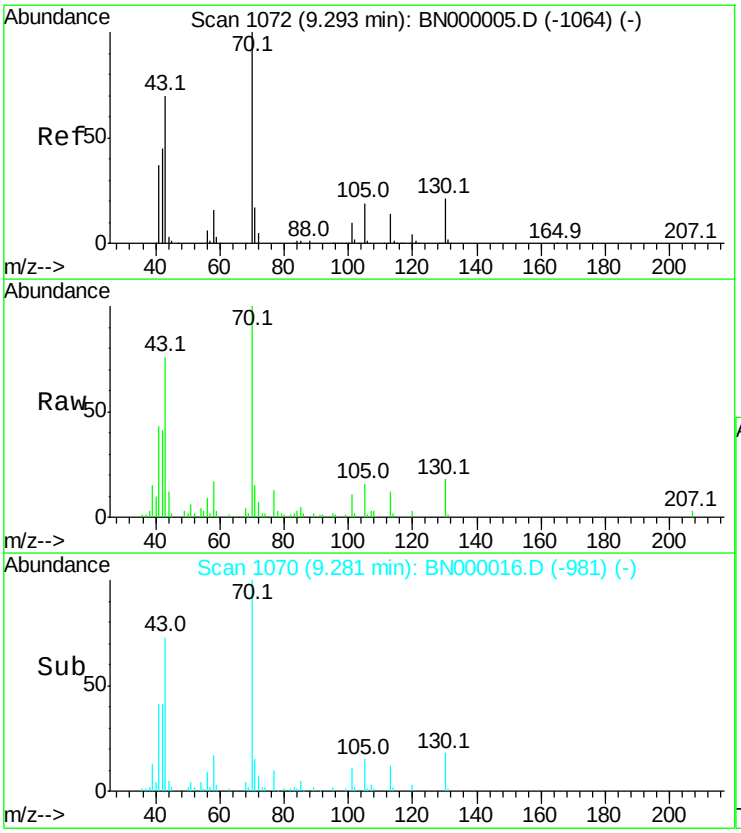
#18
Hexachloroethane
Concen: 2.726 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 23494

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.7	115.1
201	80.5	95.7	143.5#

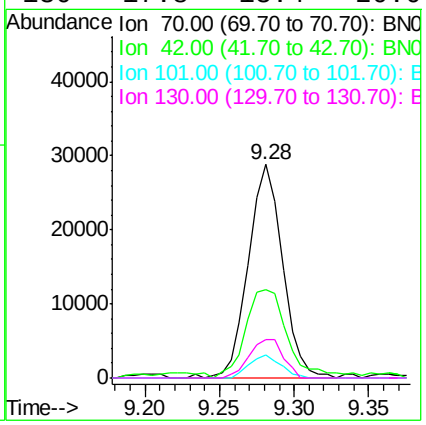


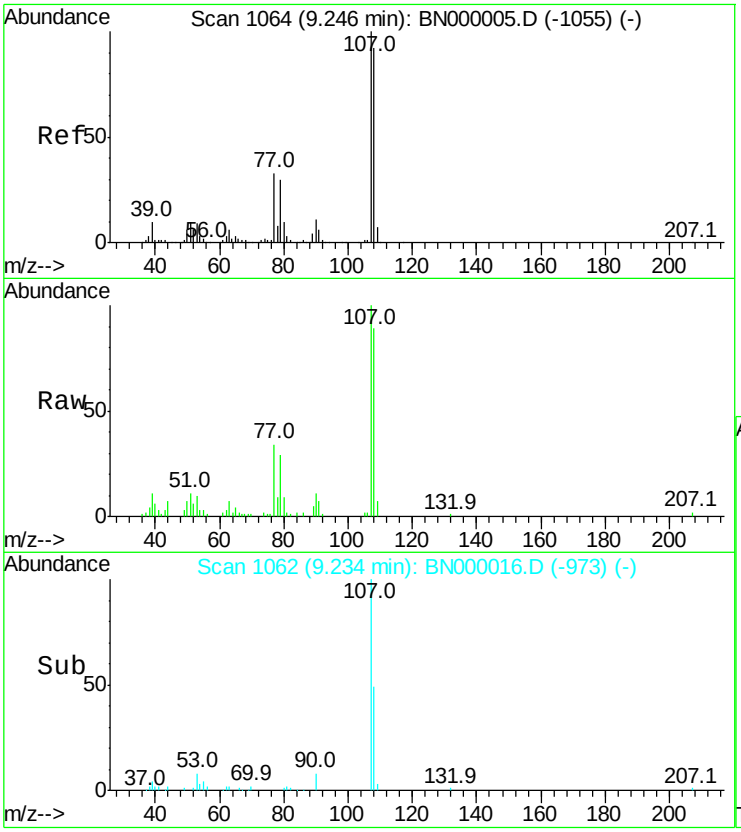


#19
n-Nitroso-di-n-propylamine
Concen: 2.243 ng
RT: 9.28 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 70 Resp: 45747

Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.1	73.7#
101	10.7	8.5	12.7
130	17.8	13.4	20.0



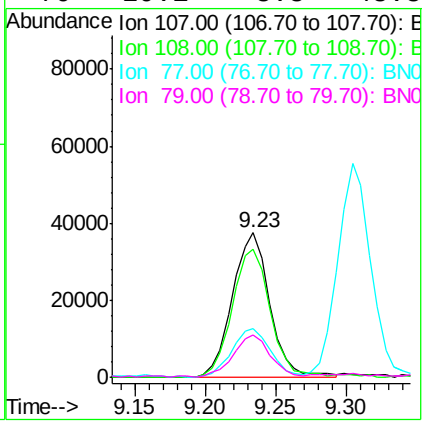


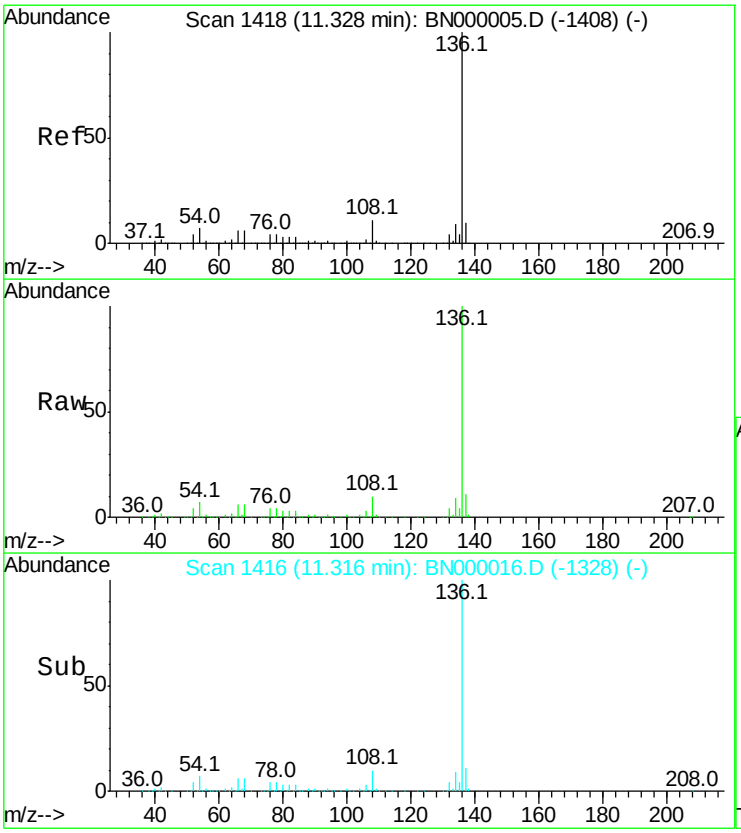
#20
3+4-Methylphenols
Concen: 2.226 ng
RT: 9.23 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 69561

Ion	Ratio	Lower	Upper
107	100		
108	89.1	61.6	101.6
77	33.8	13.9	53.9
79	29.1	8.8	48.8

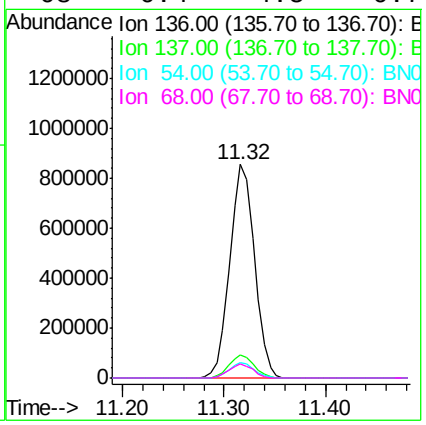


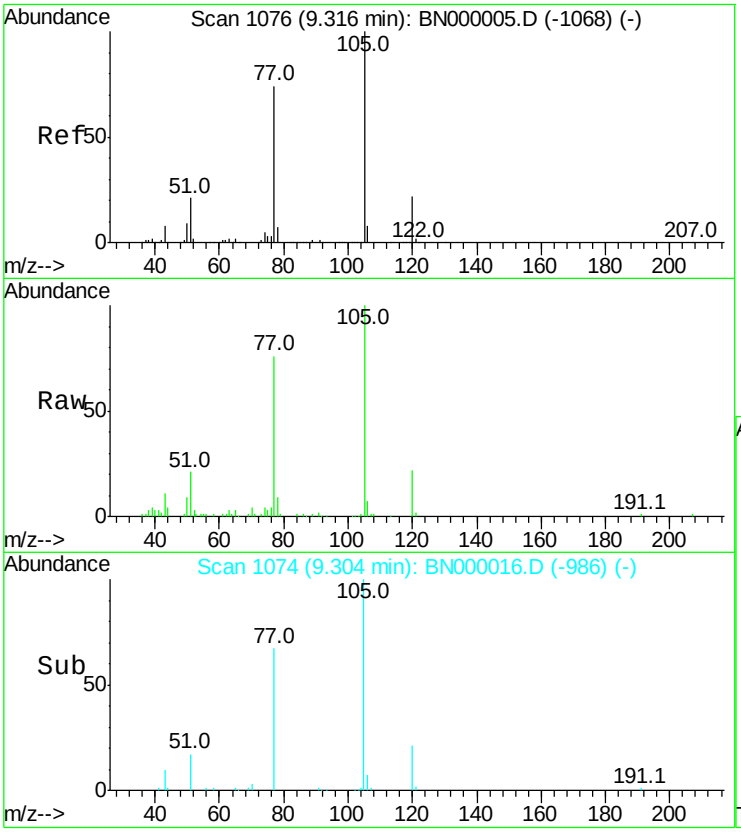


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:136 Resp: 1446716

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.1	10.3	15.5#
68	6.4	4.5	6.7



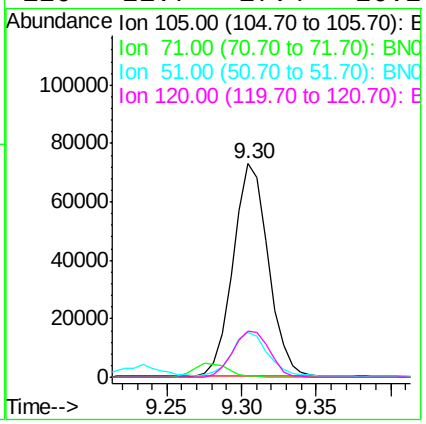


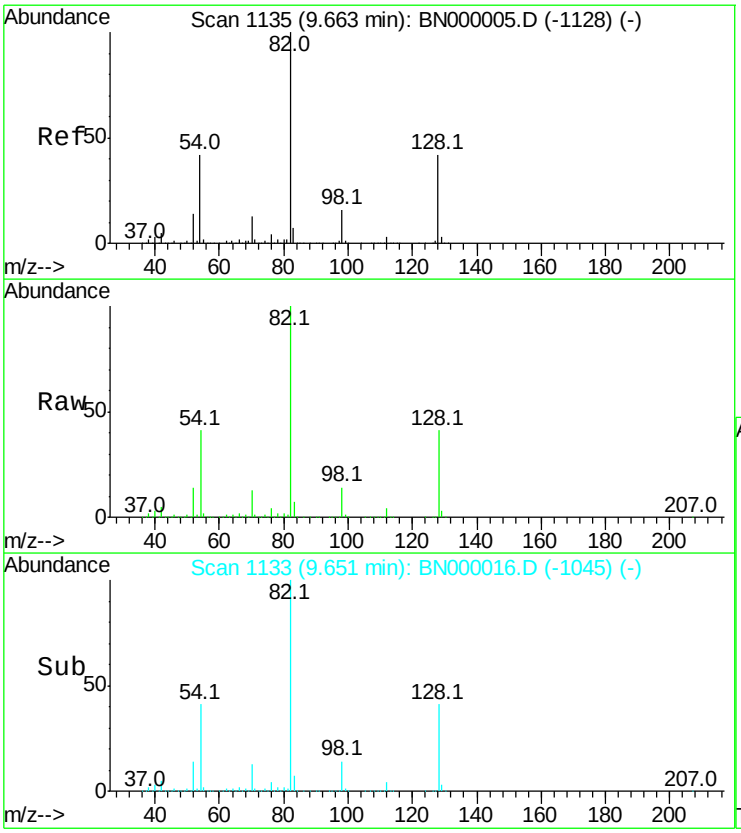
#22
Acetophenone
Concen: 2.788 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 119112

Ion	Ratio	Lower	Upper
105	100		
71	0.9	3.0	4.4#
51	21.2	26.1	39.1#
120	21.7	17.4	26.2

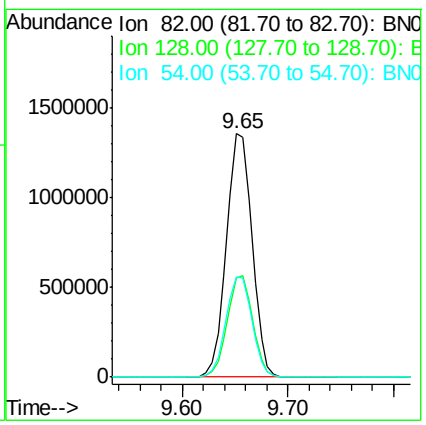


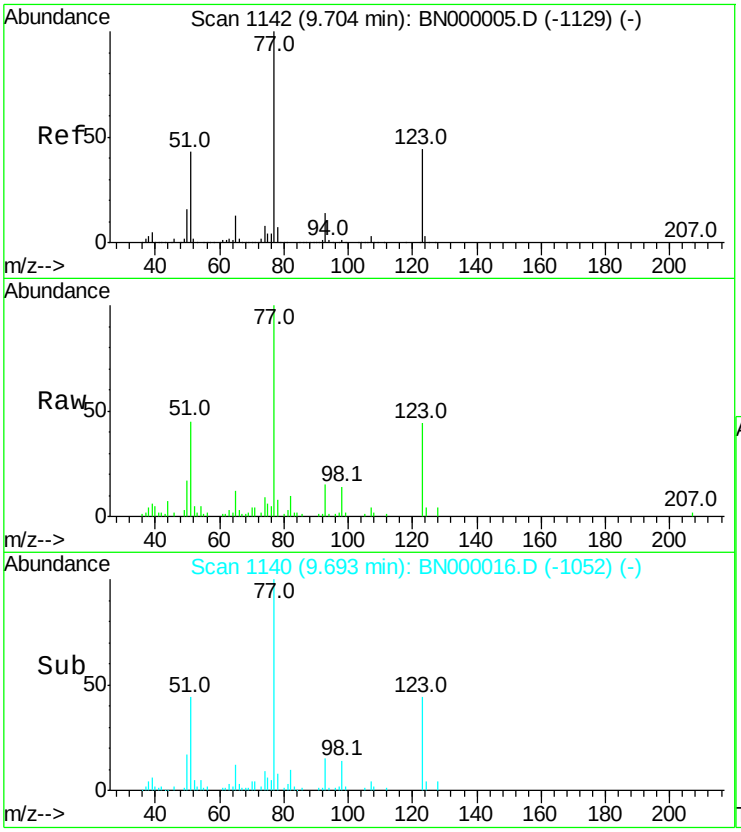


#23
Nitrobenzene-d5
Concen: 94.732 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 82 Resp: 2266443

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.7	44.5
54	41.4	43.1	64.7#



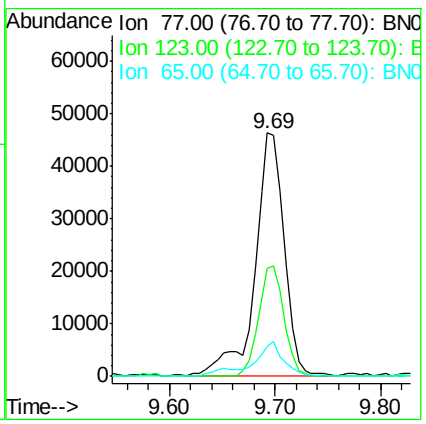


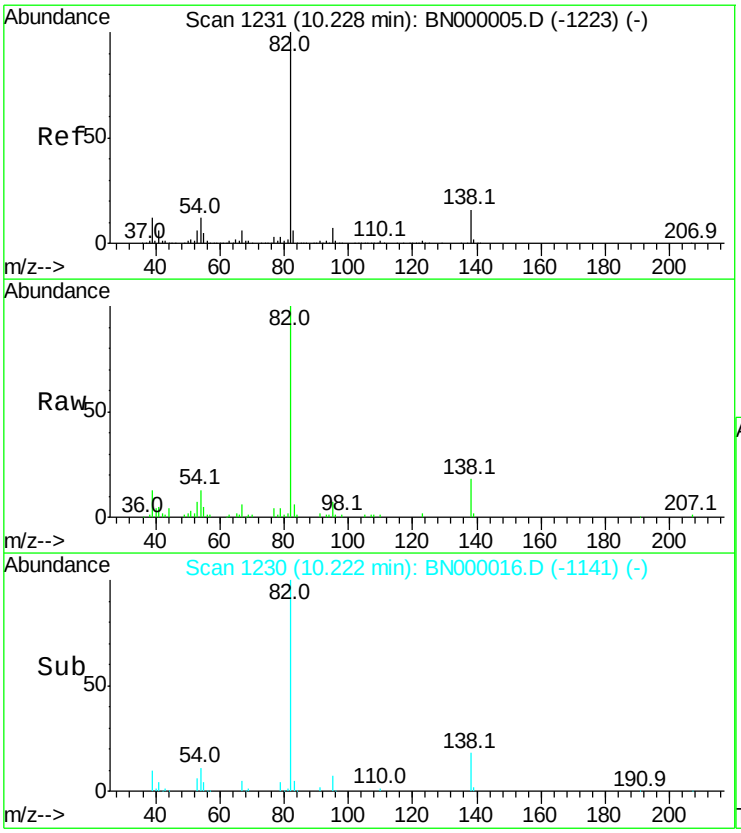
#24
Nitrobenzene
Concen: 3.498 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 89758

Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.6
65	12.2	13.0	19.6#

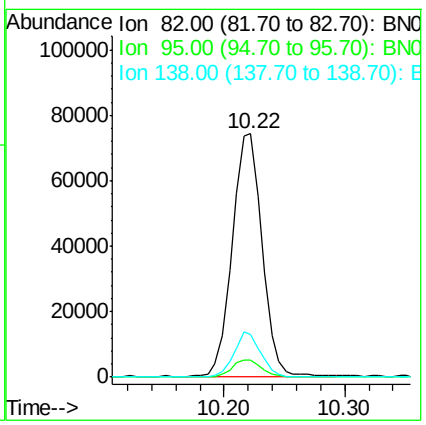


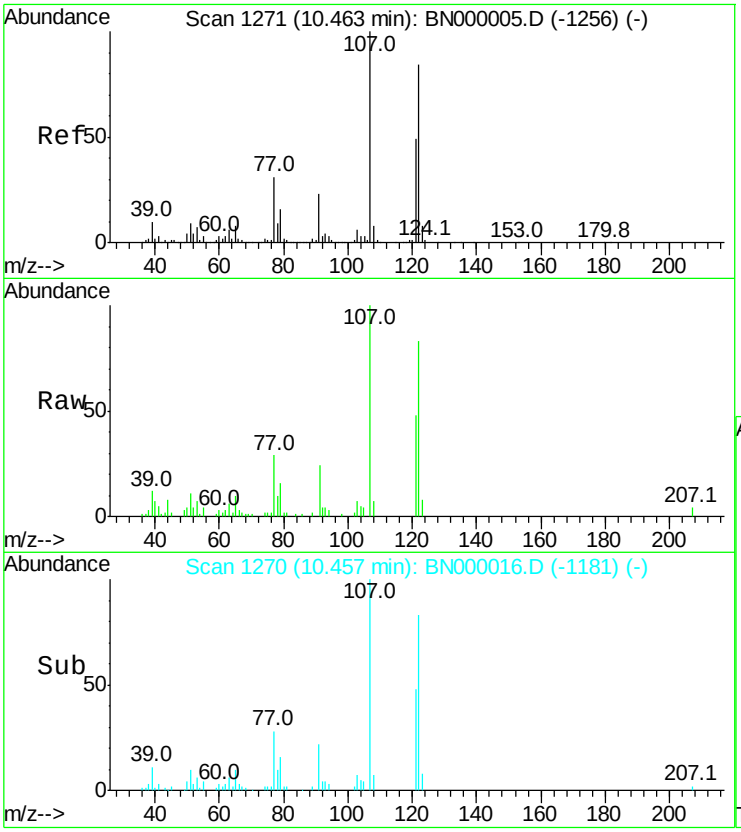


#25
Isophorone
Concen: 2.277 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 82 Resp: 129056

Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.2	9.2
138	17.7	12.1	18.1



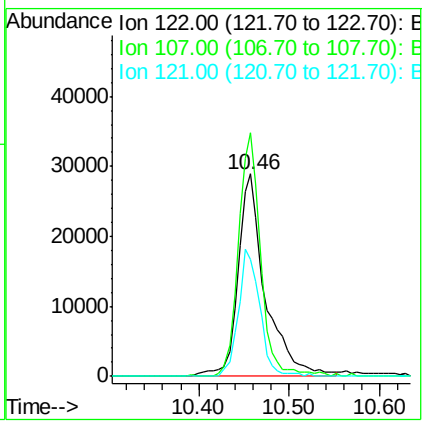


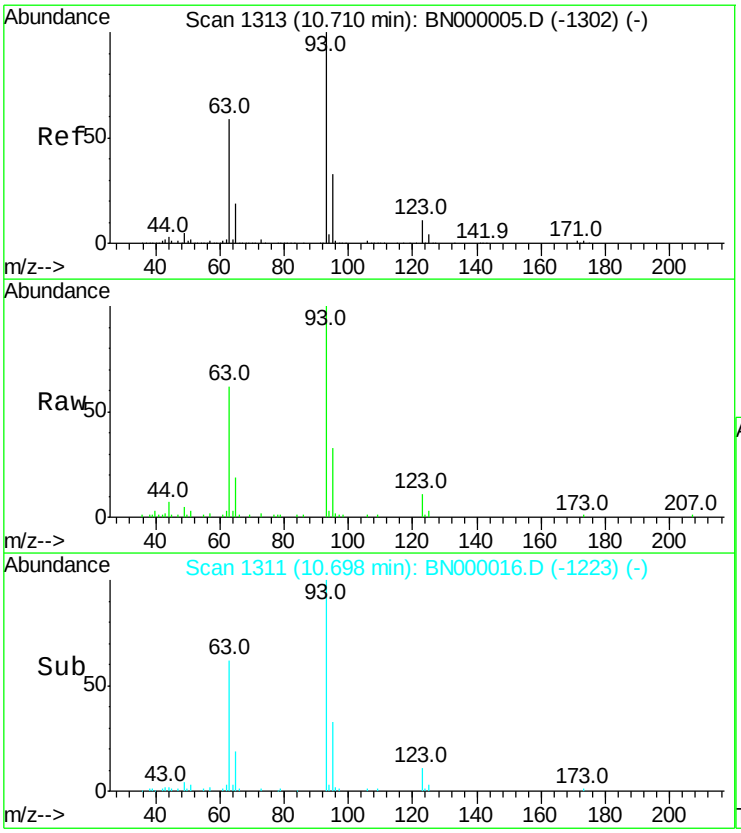
#27
2,4-Dimethylphenol
Concen: 2.612 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 60698

Ion	Ratio	Lower	Upper
122	100		
107	120.2	100.2	150.2
121	57.5	44.4	66.6

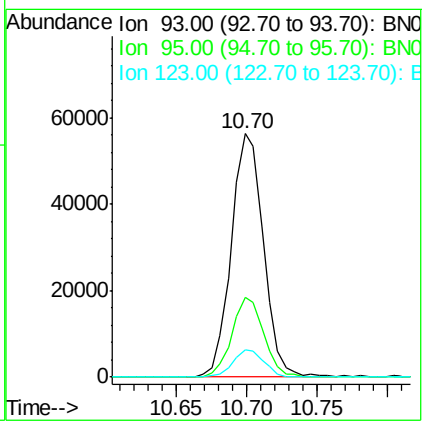


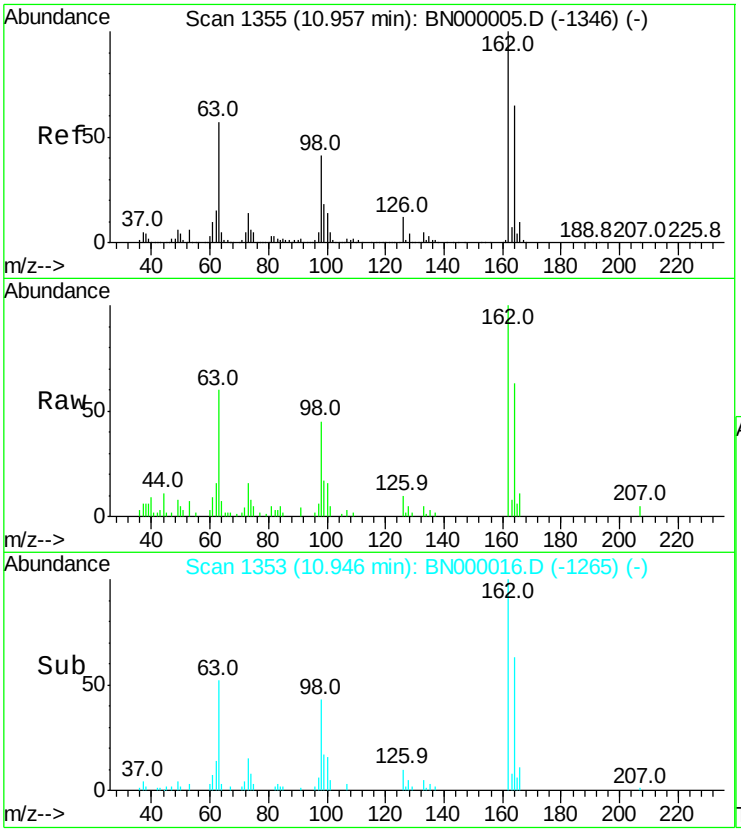


#28
bis(2-Chloroethoxy)methane
Concen: 2.737 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 93 Resp: 89470

Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	11.0	8.4	12.6



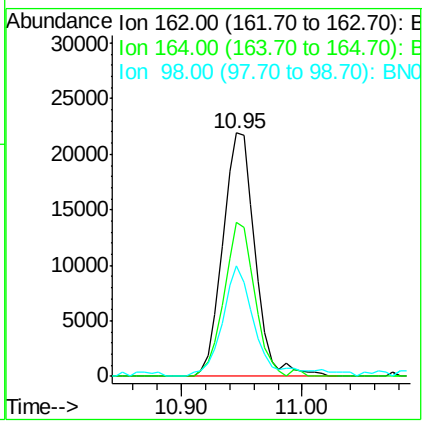


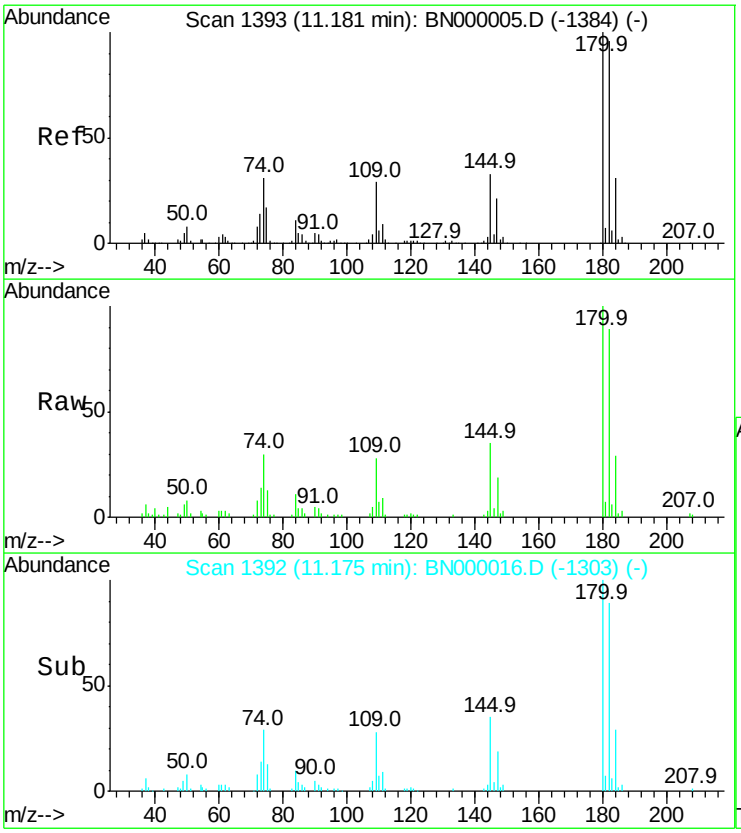
#29
2,4-Dichlorophenol
Concen: 2.036 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:162 Resp: 40592

Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.0	88.0
98	45.2	21.1	61.1

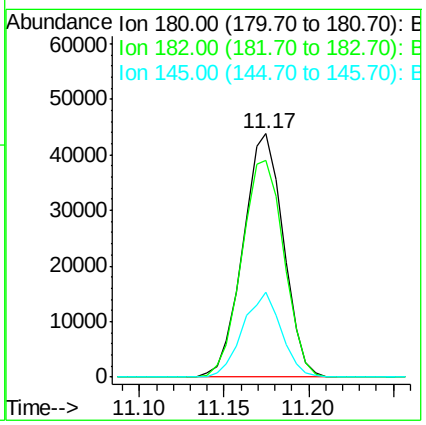


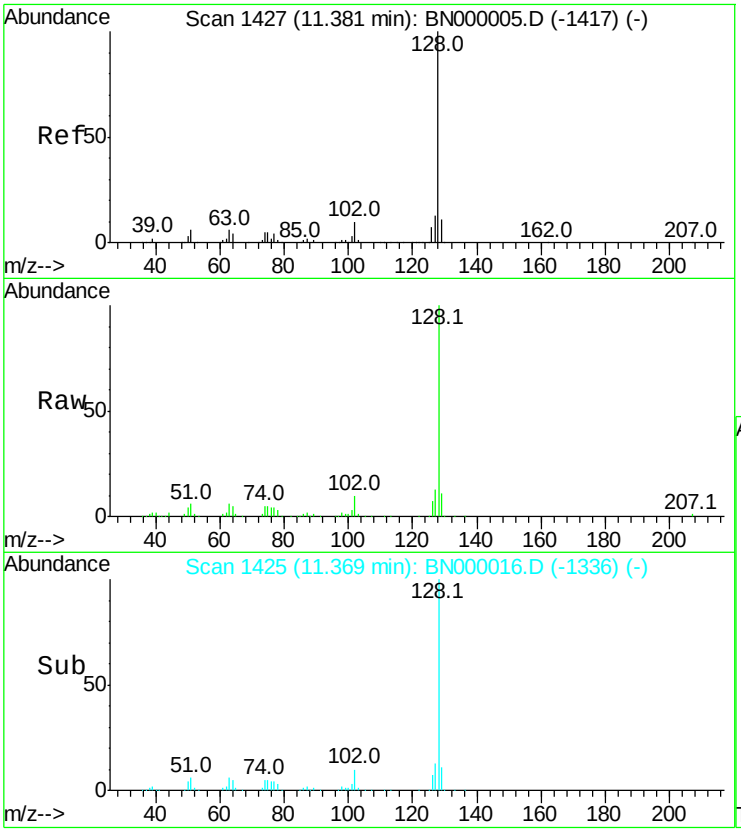


#30
1,2,4-Trichlorobenzene
Concen: 3.126 ng
RT: 11.17 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:180 Resp: 72984

Ion	Ratio	Lower	Upper
180	100		
182	89.1	77.5	116.3
145	35.0	23.4	35.2



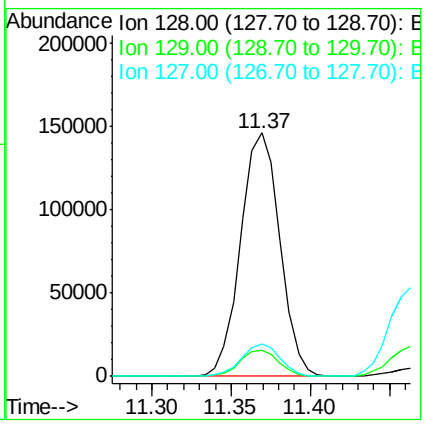


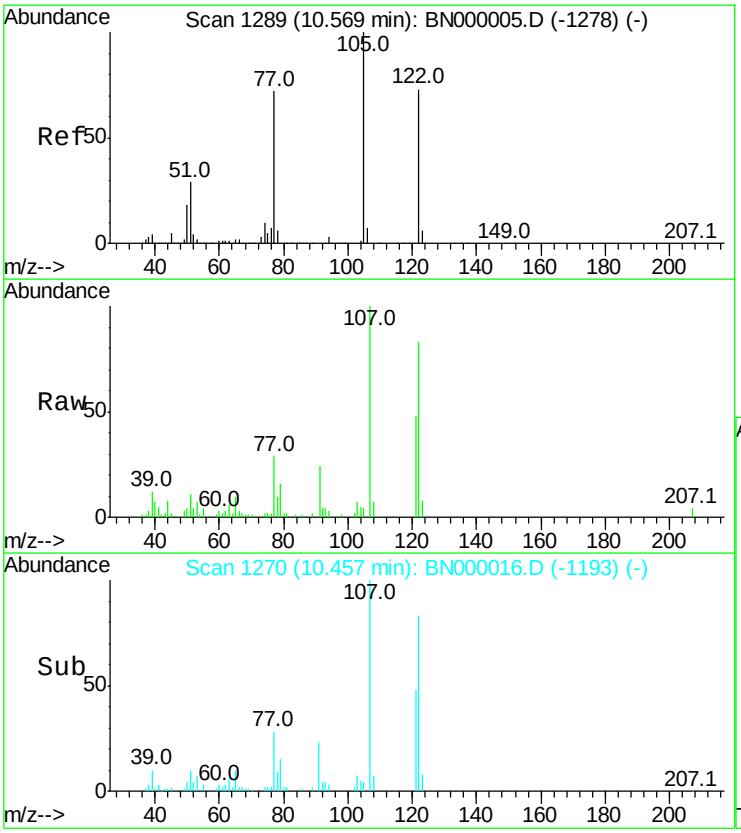
#31
Naphthalene
Concen: 3.105 ng
RT: 11.37 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 251914

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	11.6	17.4

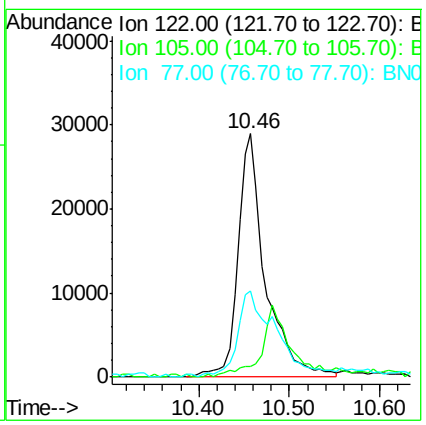


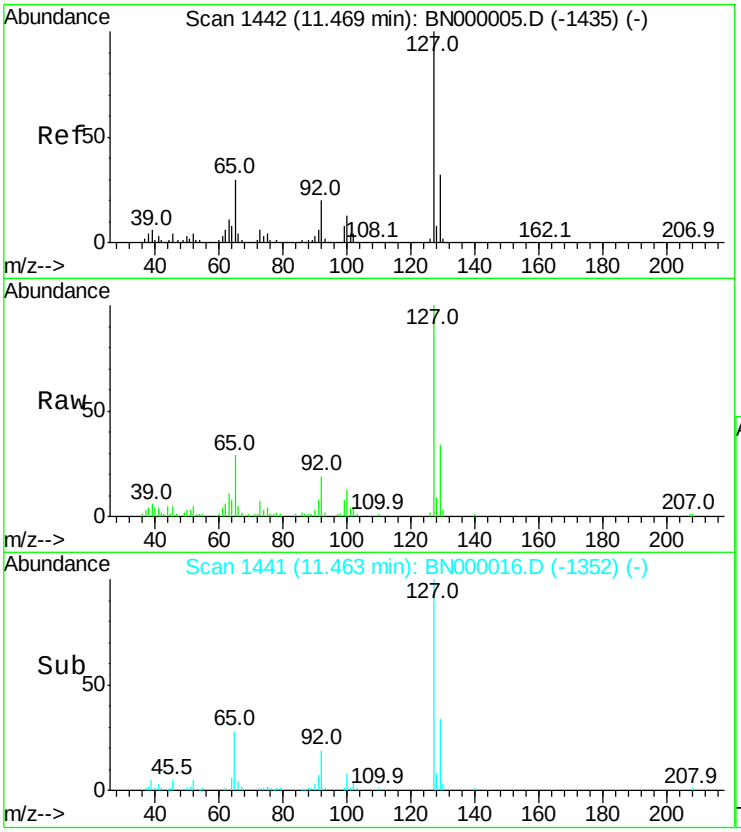


#32
Benzoic acid
Concen: 11.050 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.08 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:122 Resp: 60698

Ion	Ratio	Lower	Upper
122	100		
105	4.6	123.5	163.5#
77	35.3	85.7	125.7#



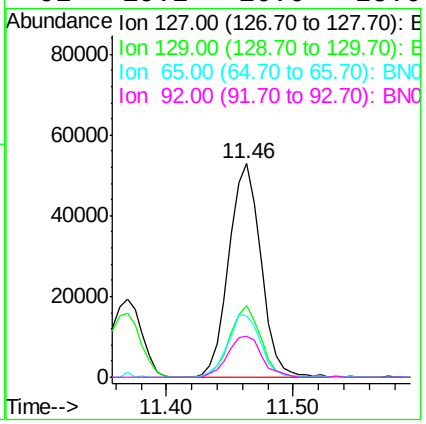


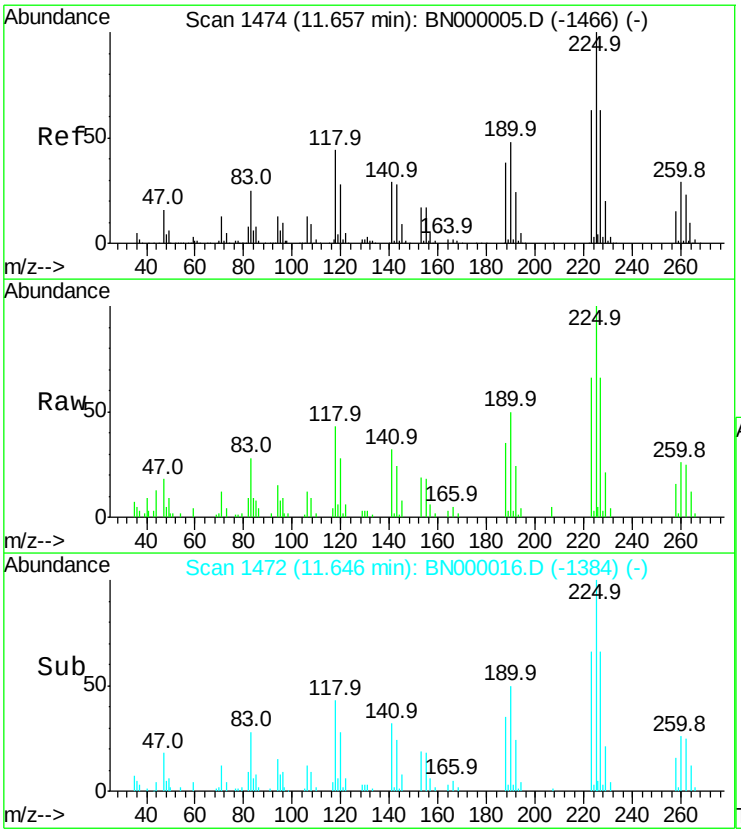
#33
4-Chloroaniline
Concen: 2.463 ng
RT: 11.46 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:127 Resp: 92662

Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	28.9	27.0	40.4
92	19.2	16.6	25.0

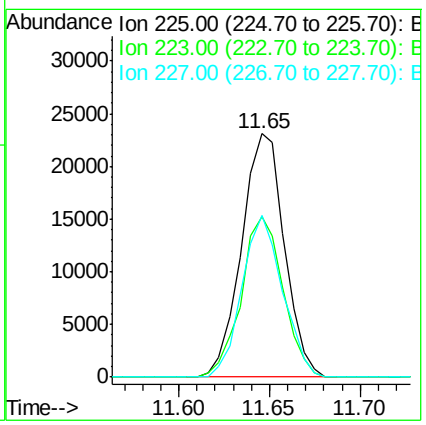


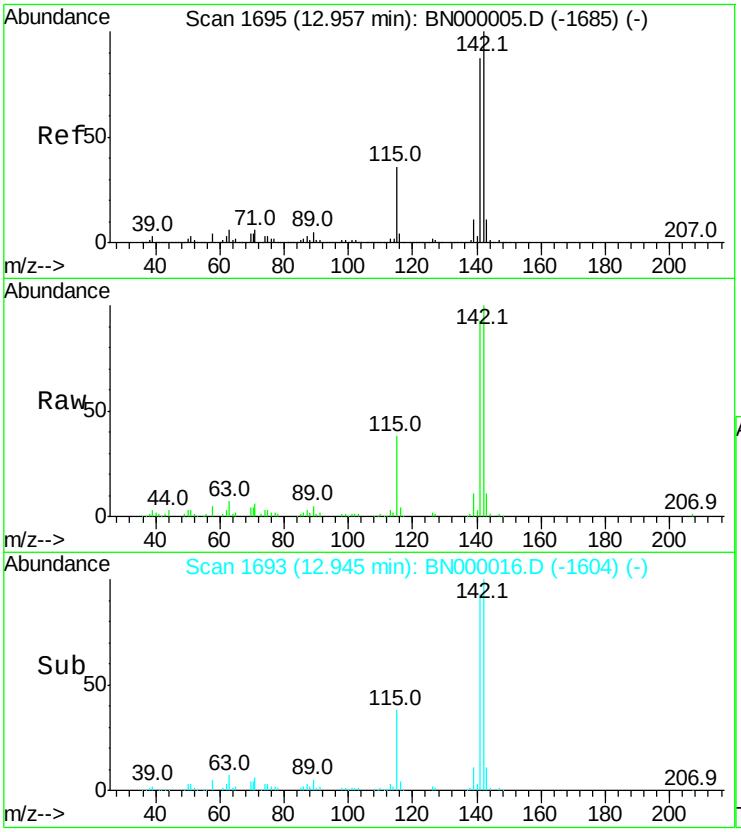


#34
Hexachlorobutadiene
Concen: 3.181 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:225 Resp: 37837

Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.7	74.5
227	66.4	48.1	72.1



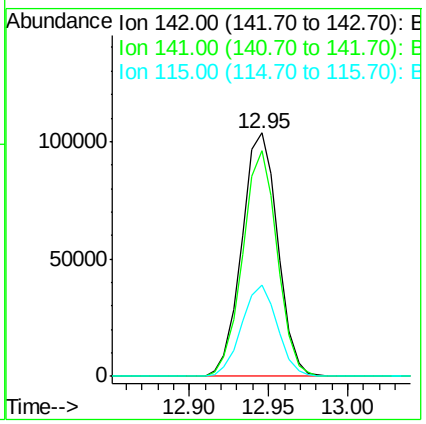


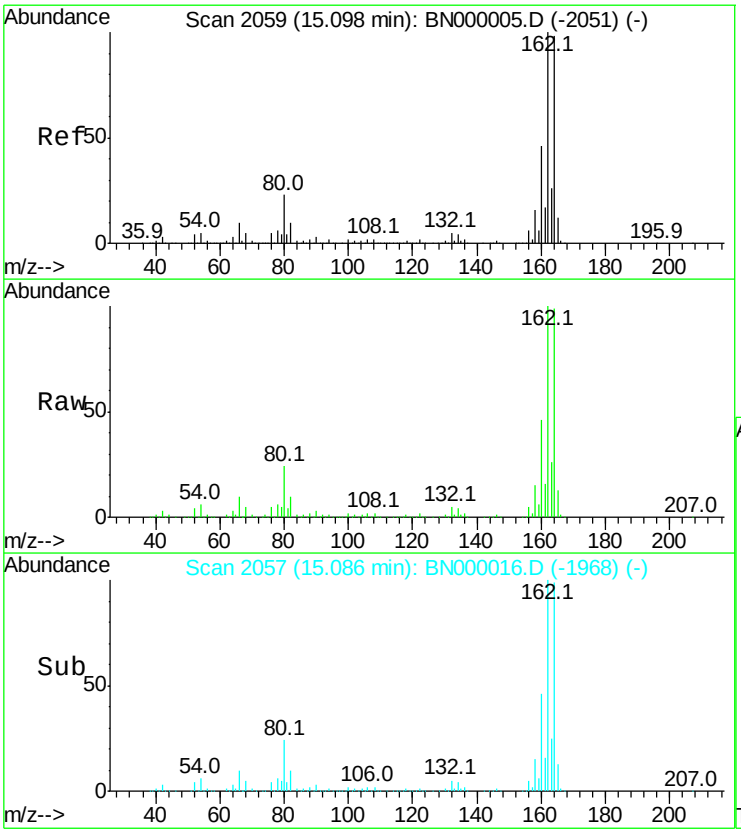
#37
2-Methylnaphthalene
Concen: 2.848 ng
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 163302

Ion	Ratio	Lower	Upper
142	100		
141	92.7	67.1	100.7
115	37.6	30.7	46.1

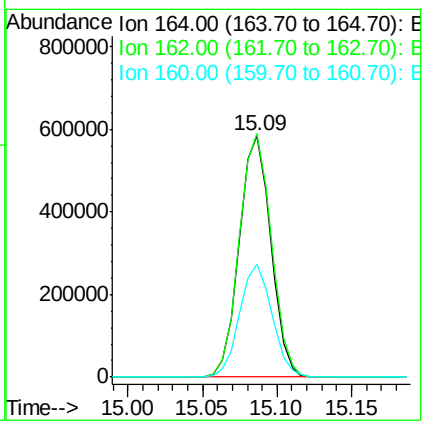


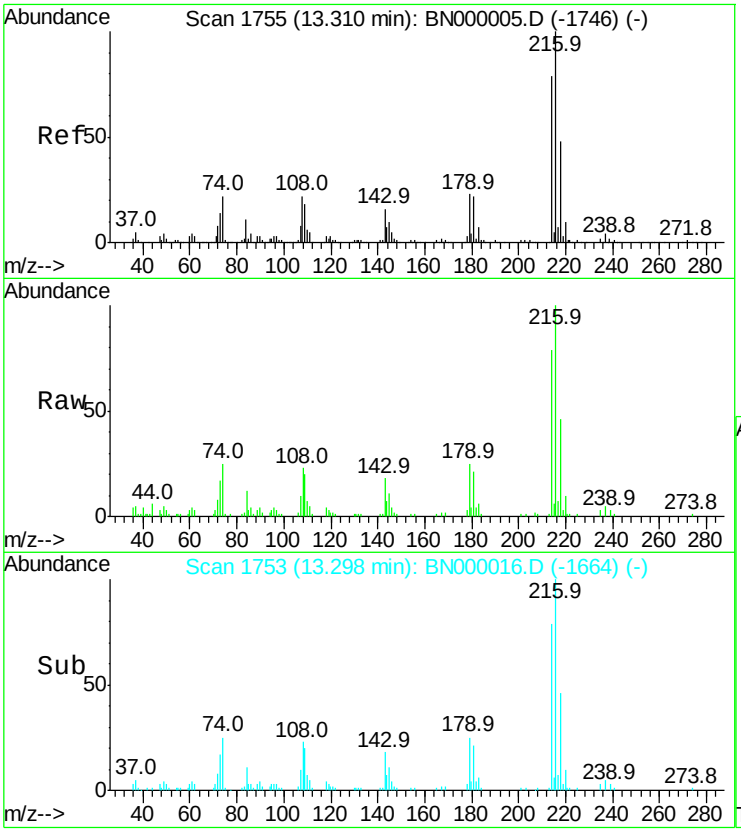


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:164 Resp: 853902

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.8	35.4	53.0



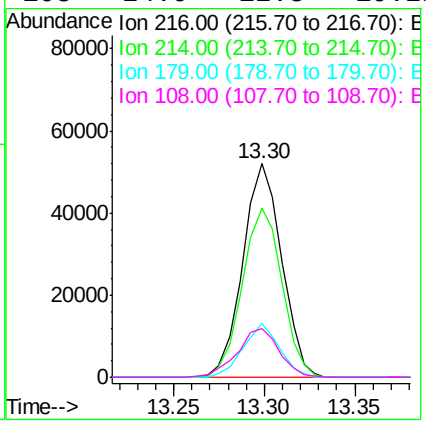


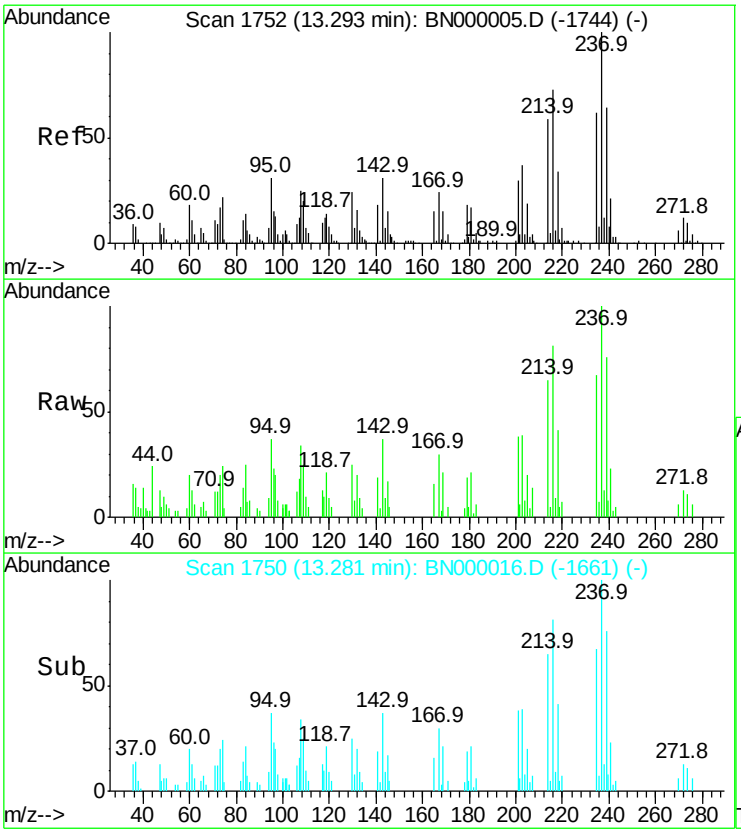
#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.117 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:216 Resp: 77526

Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	23.3	17.0	25.6
108	24.9	12.8	19.2#

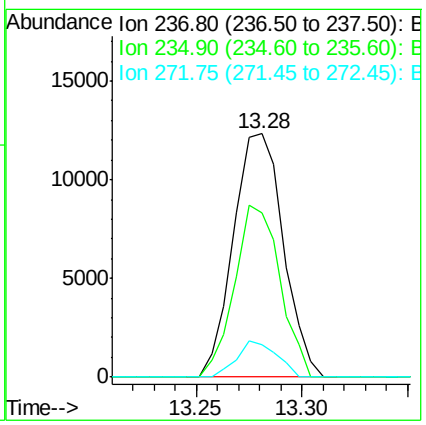


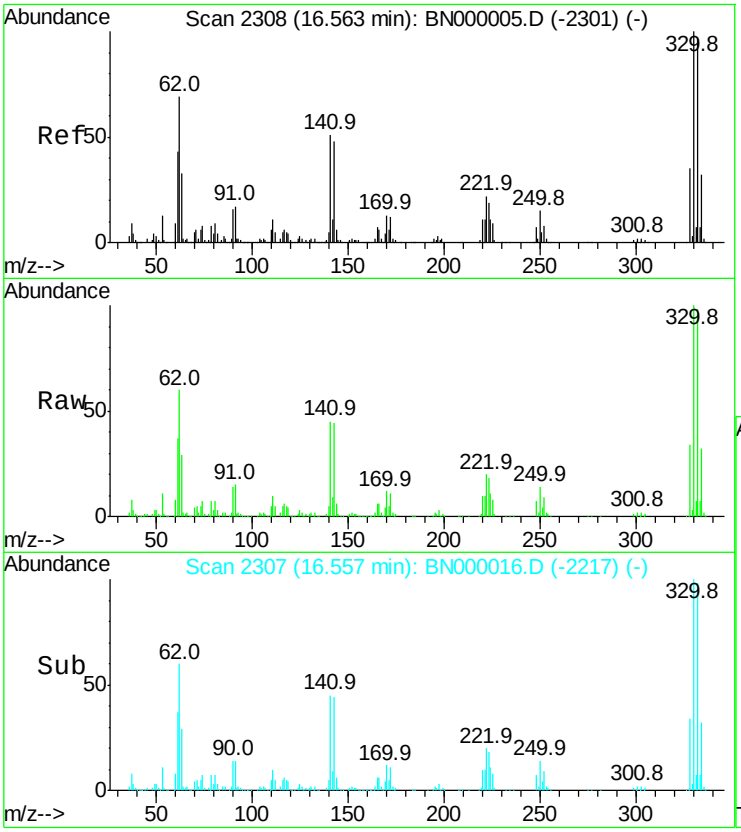


#40
Hexachlorocyclopentadiene
Concen: 2.438 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:237 Resp: 20256

Ion	Ratio	Lower	Upper
237	100		
235	67.3	50.4	90.4
272	13.1	0.0	31.8



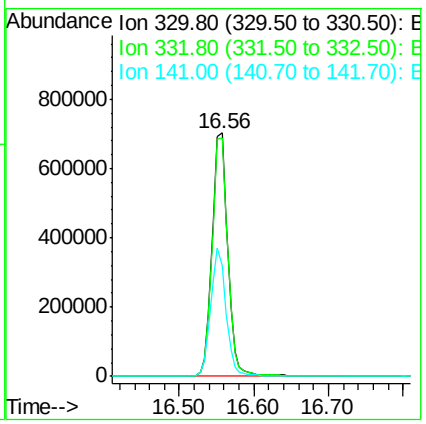


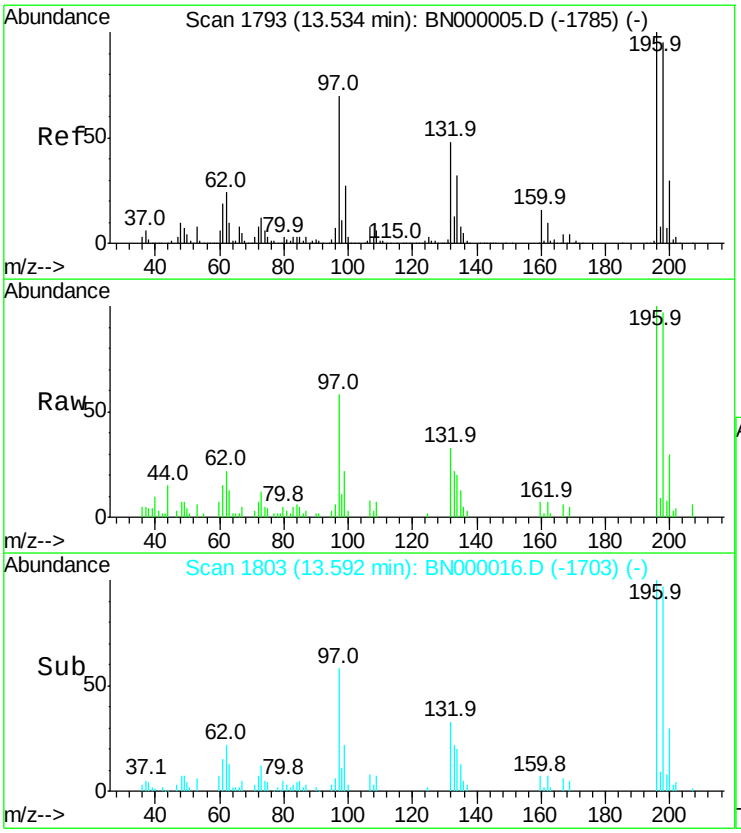
#41
2,4,6-Tribromophenol
Concen: 119.796 ng
RT: 16.56 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1028316

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	51.2	25.2	37.8#

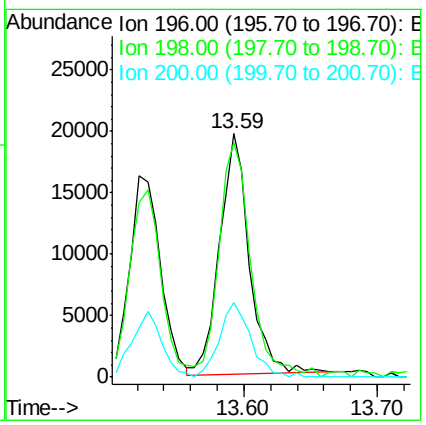


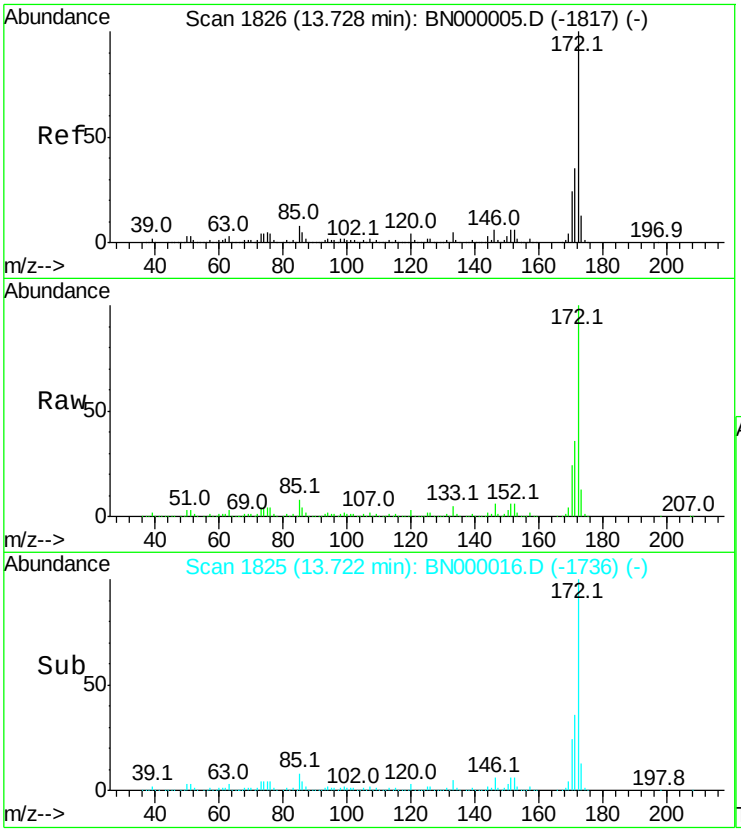


#42
2,4,6-Trichlorophenol
Concen: 2.068 ng
RT: 13.59 min Scan# 1803
Delta R.T. 0.06 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:196 Resp: 30406

Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.2	117.2
200	30.4	24.6	36.8



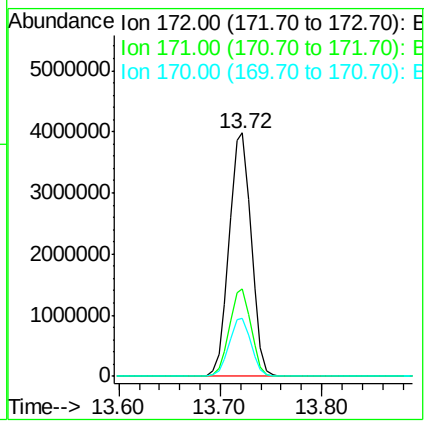


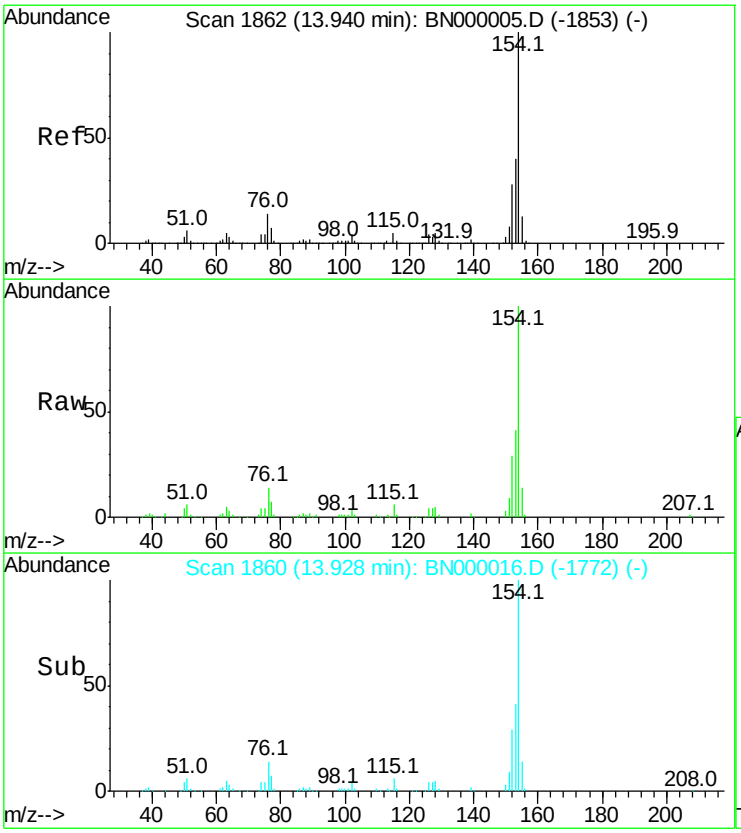
#44
2-Fluorobiphenyl
Concen: 94.071 ng
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5997805

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.8	19.5	29.3

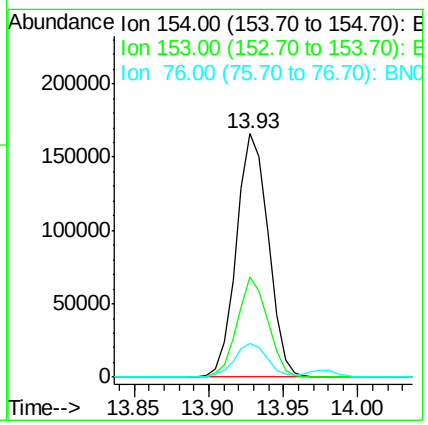


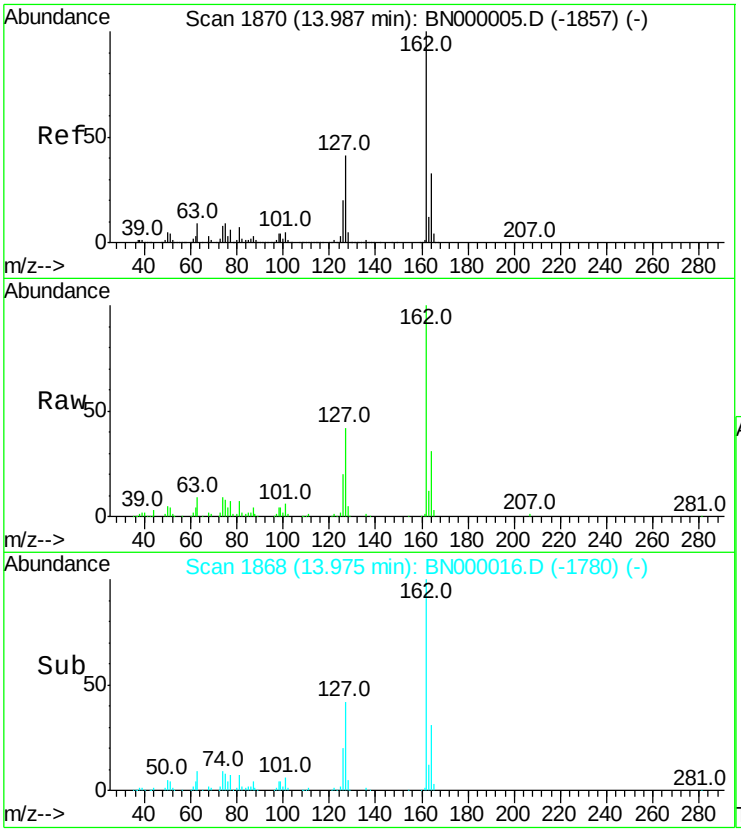


#45
1,1'-Biphenyl
Concen: 3.229 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:154 Resp: 246344

Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	13.6	0.0	31.9



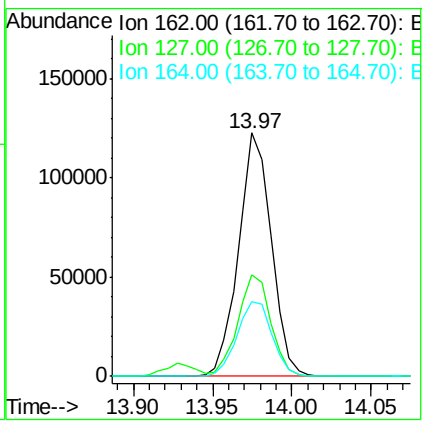


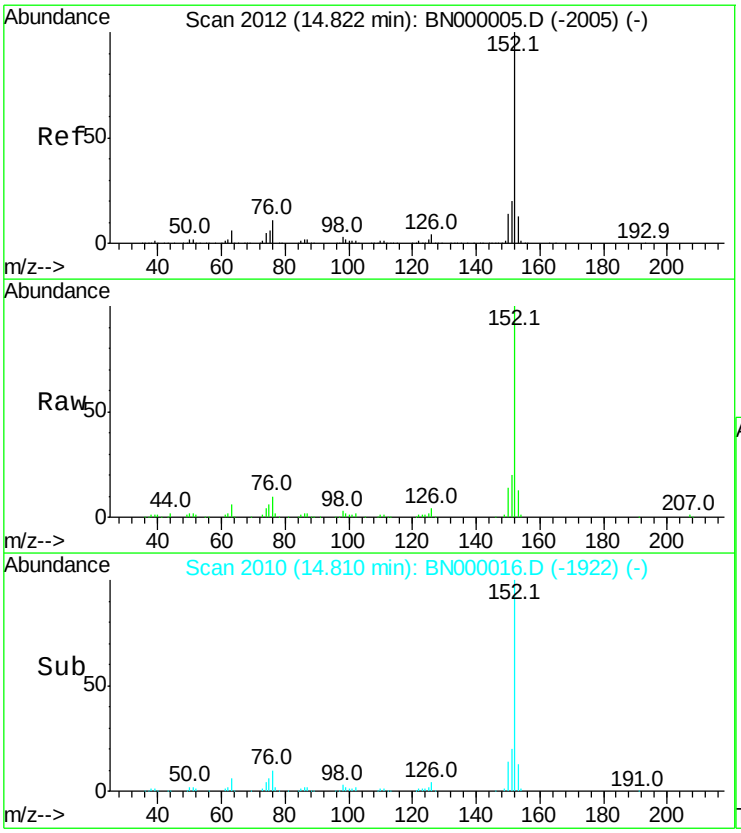
#46
2-Chloronaphthalene
Concen: 3.076 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:162 Resp: 176209

Ion	Ratio	Lower	Upper
162	100		
127	41.7	30.7	46.1
164	30.6	26.0	39.0

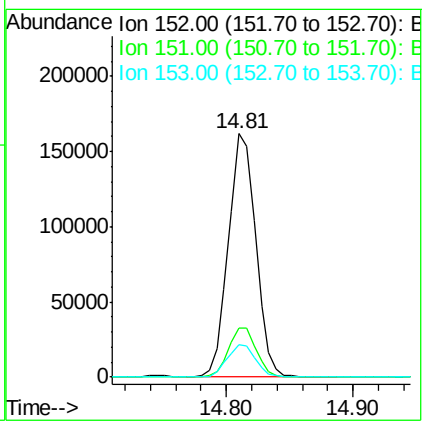


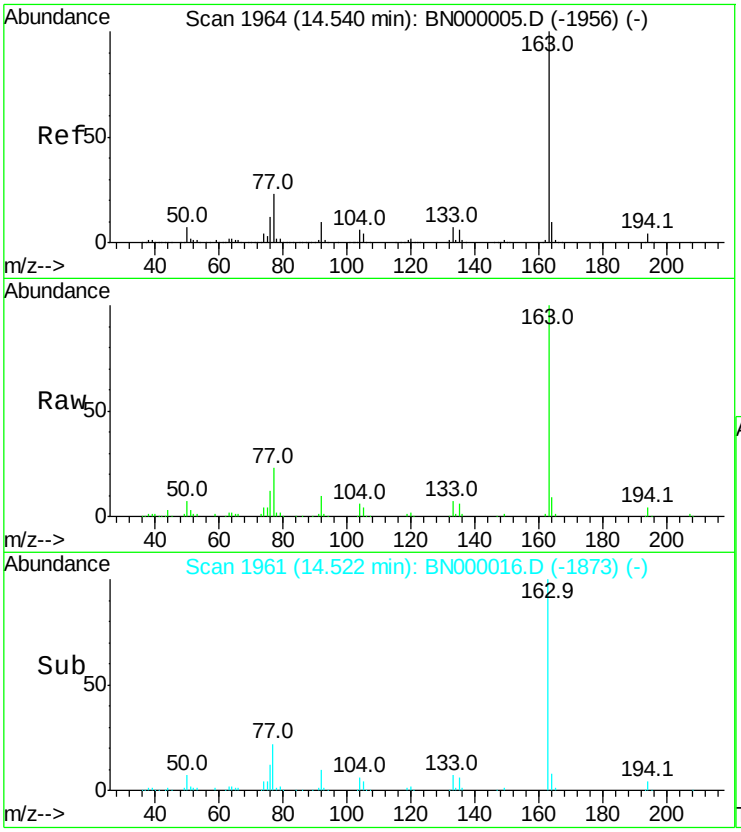


#48
Acenaphthylene
Concen: 2.516 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:152 Resp: 241951

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.2	10.2	15.4



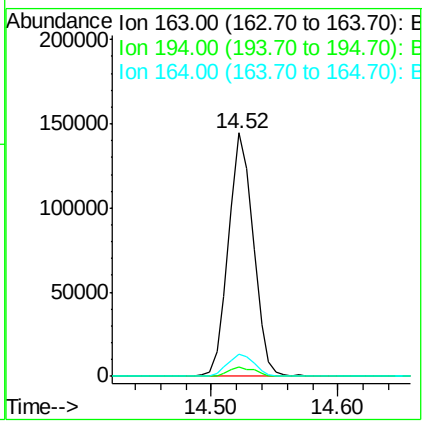


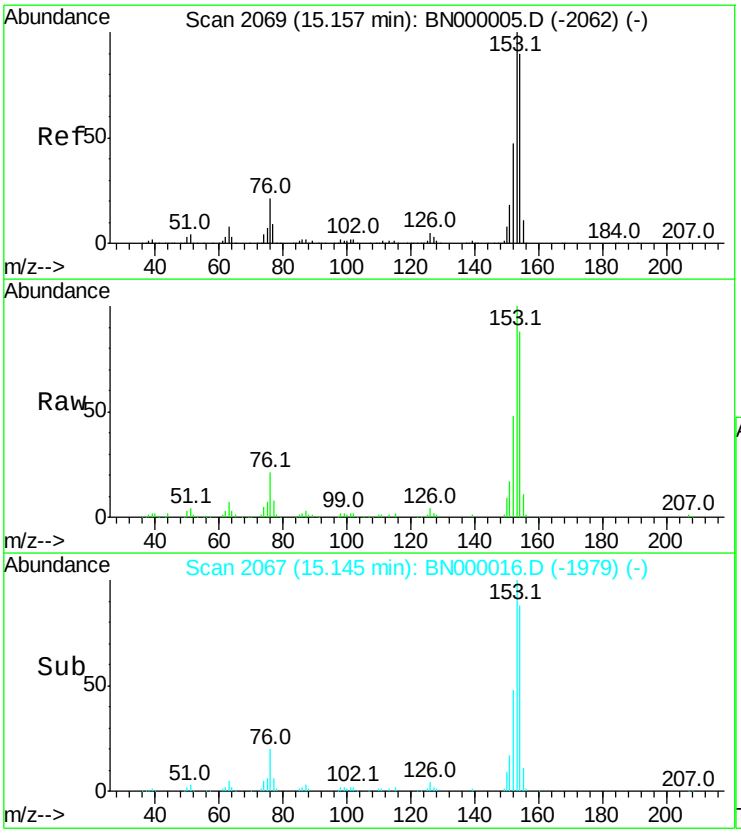
#49
Dimethylphthalate
Concen: 2.561 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 195470

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	9.0	8.2	12.4

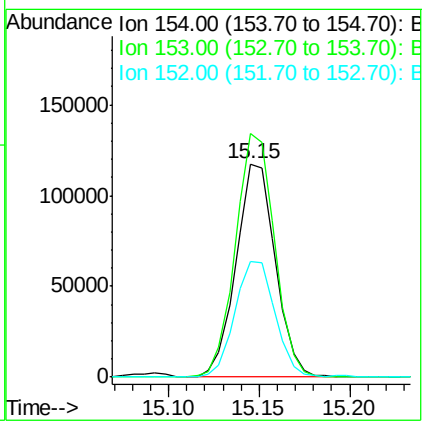


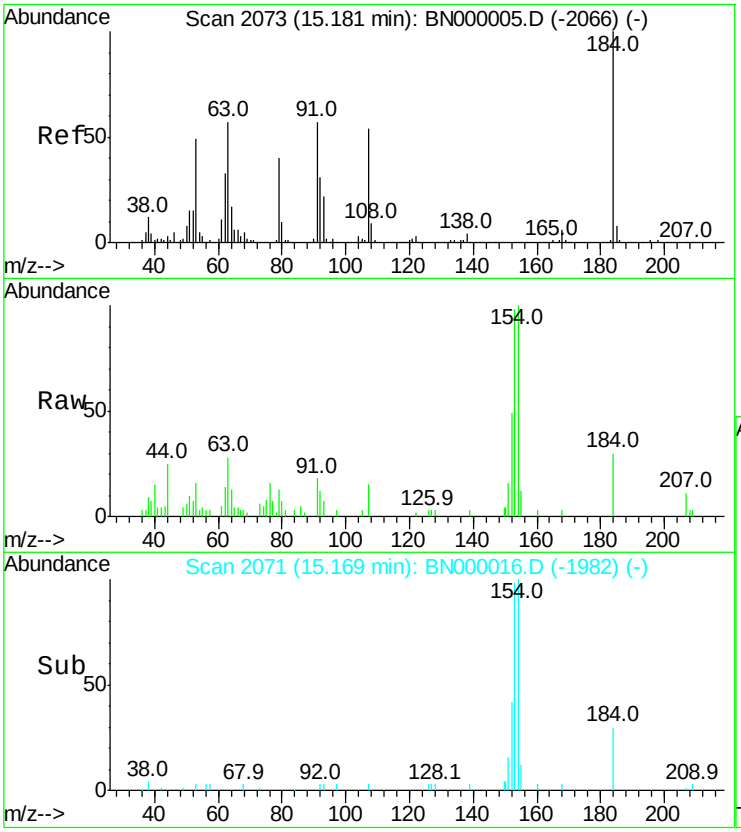


#51
Acenaphthene
Concen: 2.918 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:154 Resp: 177114

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.4	135.6
152	54.3	41.6	62.4



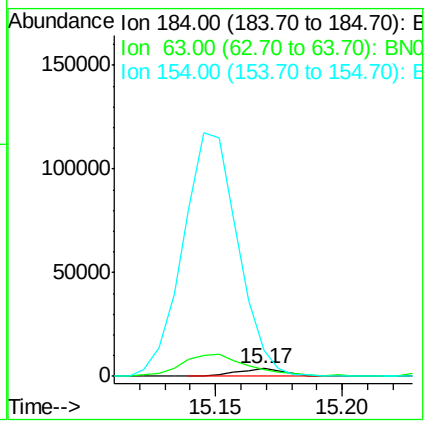


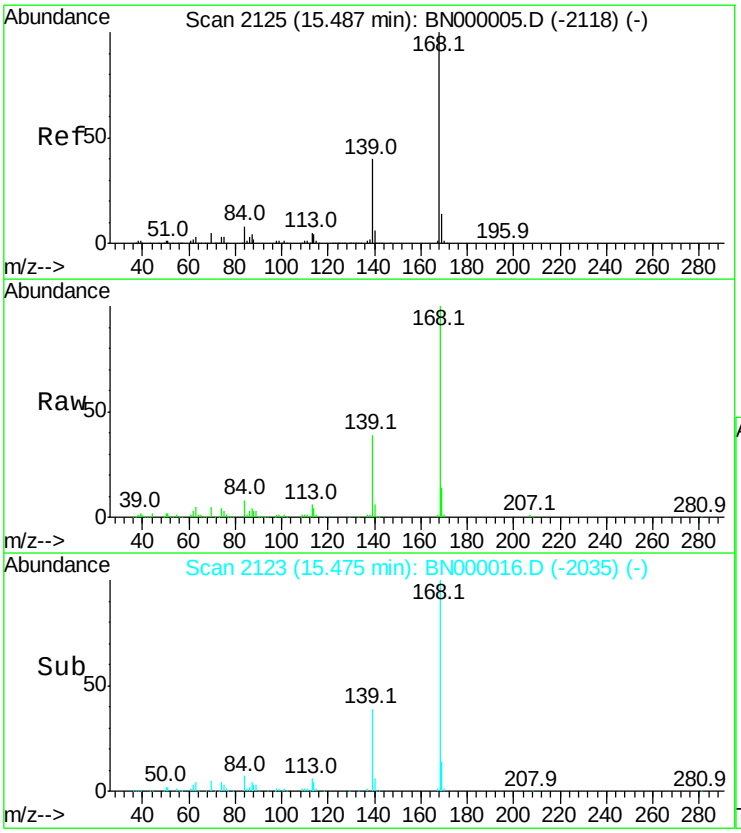
#53
2,4-Dinitrophenol
Concen: 6.035 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 4847

Ion	Ratio	Lower	Upper
184	100		
63	92.4	80.0	120.0
154	331.7	308.0	462.0

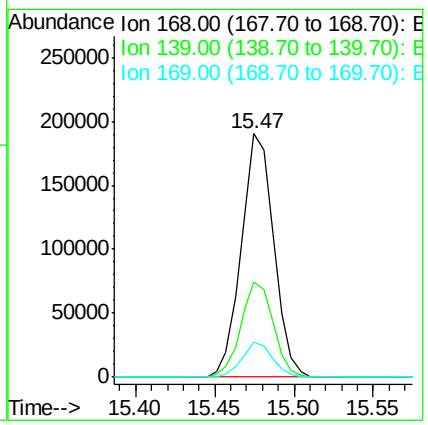


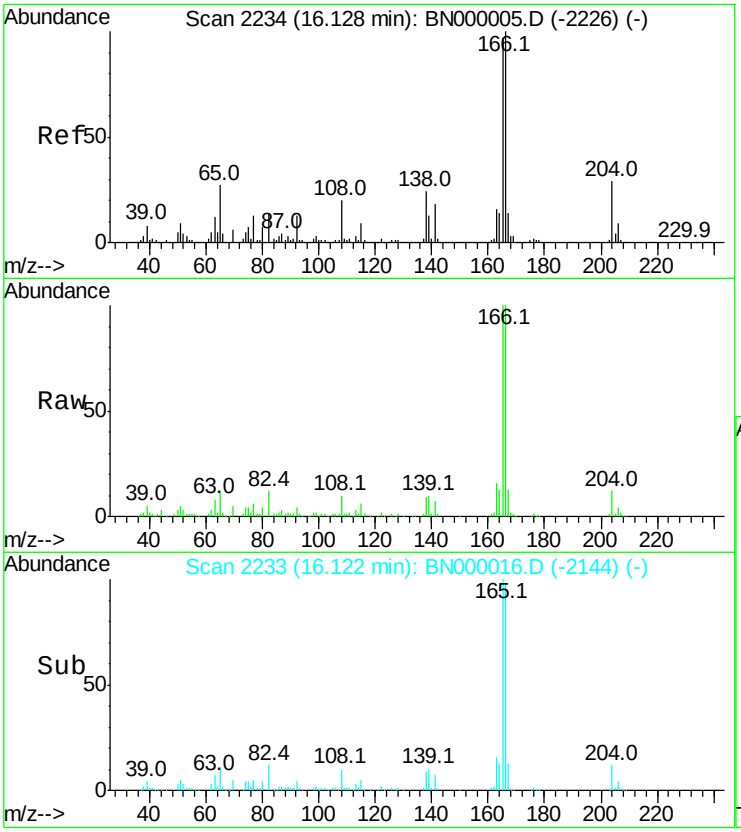


#54
Dibenzofuran
Concen: 3.103 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:168 Resp: 270219

Ion	Ratio	Lower	Upper
168	100		
139	39.1	28.6	43.0
169	14.5	11.2	16.8



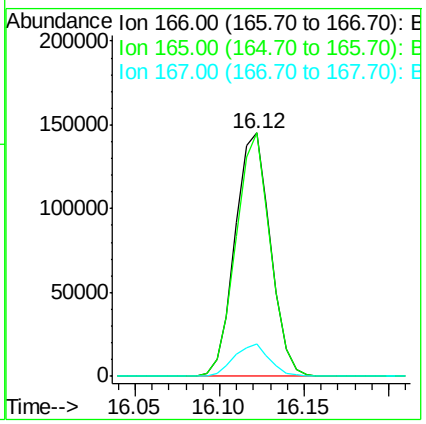


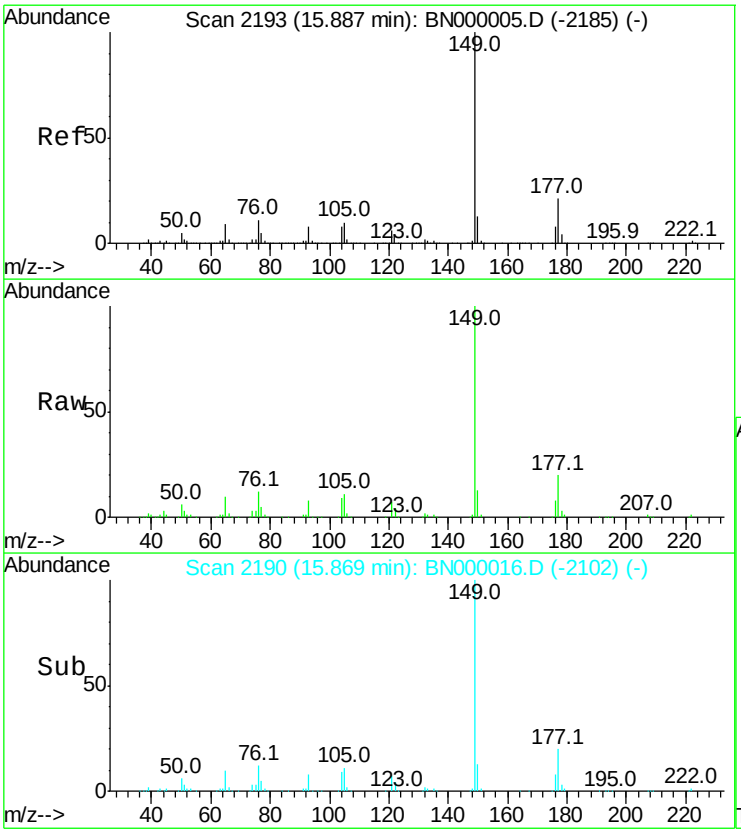
#57
Fluorene
Concen: 2.880 ng
RT: 16.12 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 211217

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.6	121.0
167	13.2	10.4	15.6

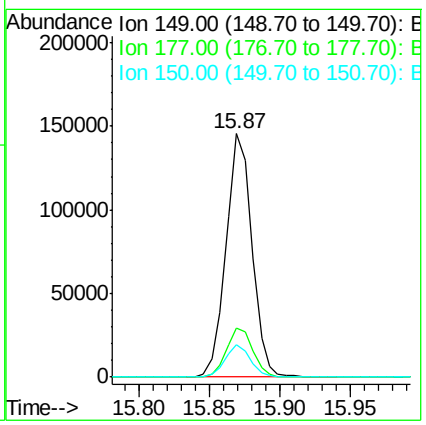


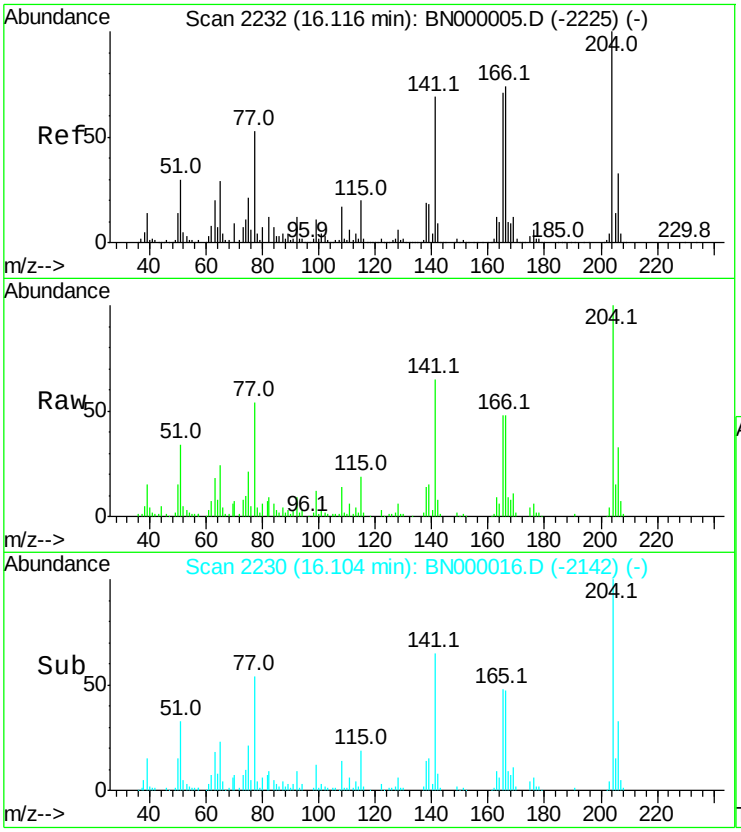


#59
Diethylphthalate
Concen: 2.334 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:149 Resp: 186140

Ion	Ratio	Lower	Upper
149	100		
177	20.0	18.5	27.7
150	13.2	10.2	15.2



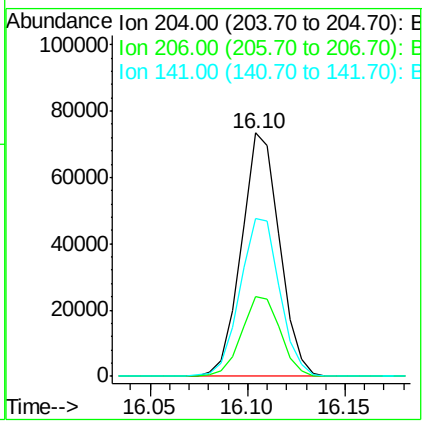


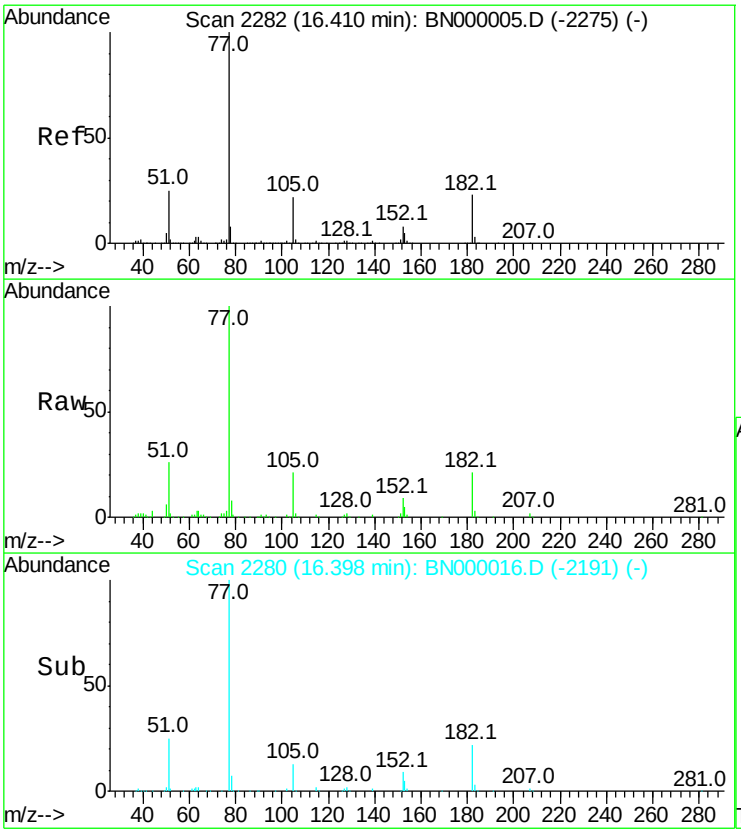
#60
4-Chlorophenyl-phenylether
Concen: 3.055 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:204 Resp: 99024

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	65.0	45.8	68.6

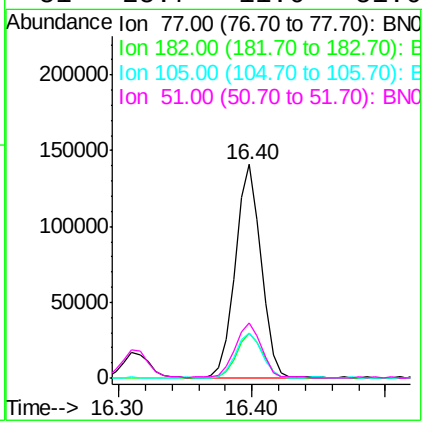


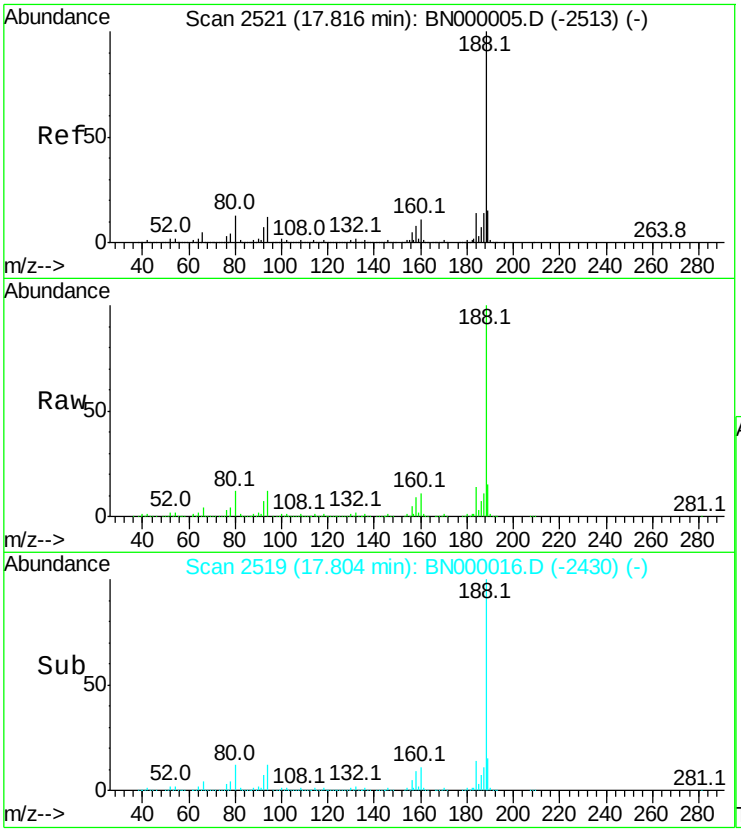


#62
Azobenzene
Concen: 2.375 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion: 77 Resp: 189274

Ion	Ratio	Lower	Upper
77	100		
182	21.1	7.4	47.4
105	21.2	0.3	40.3
51	25.7	11.6	51.6



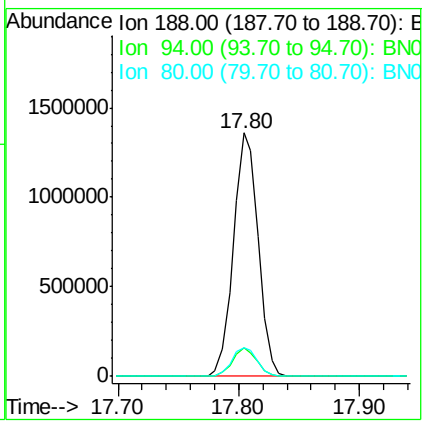


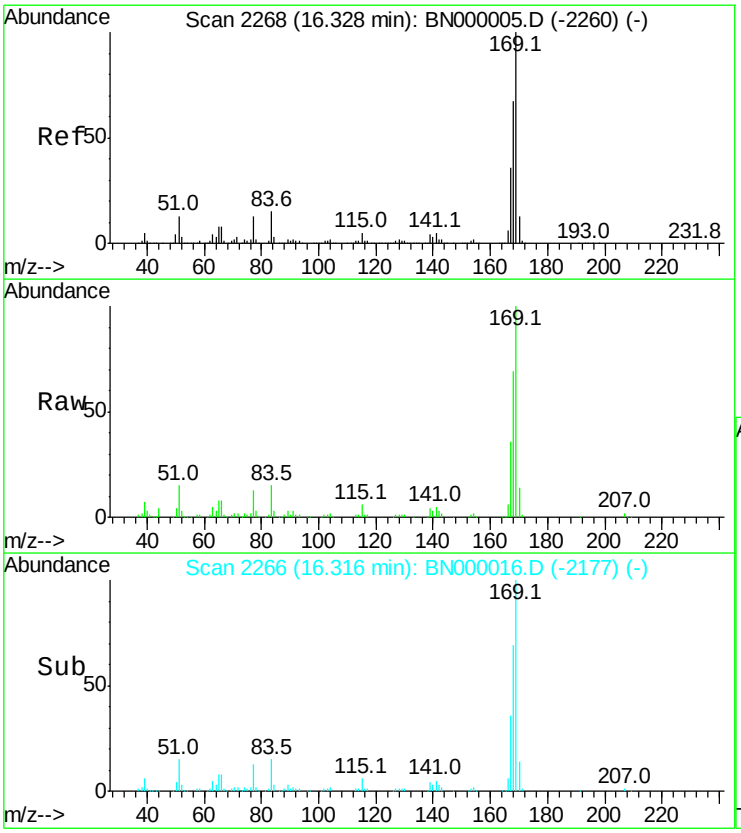
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 1934265

Ion	Ratio	Lower	Upper
188	100		
94	11.6	6.9	10.3#
80	12.0	7.7	11.5#

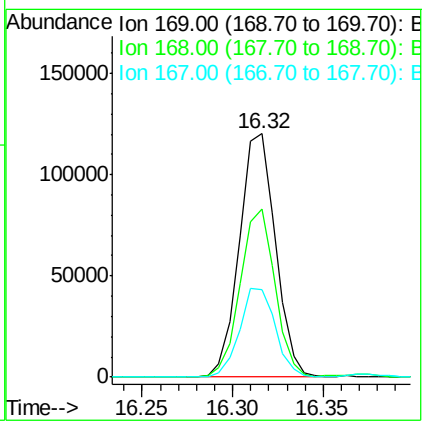


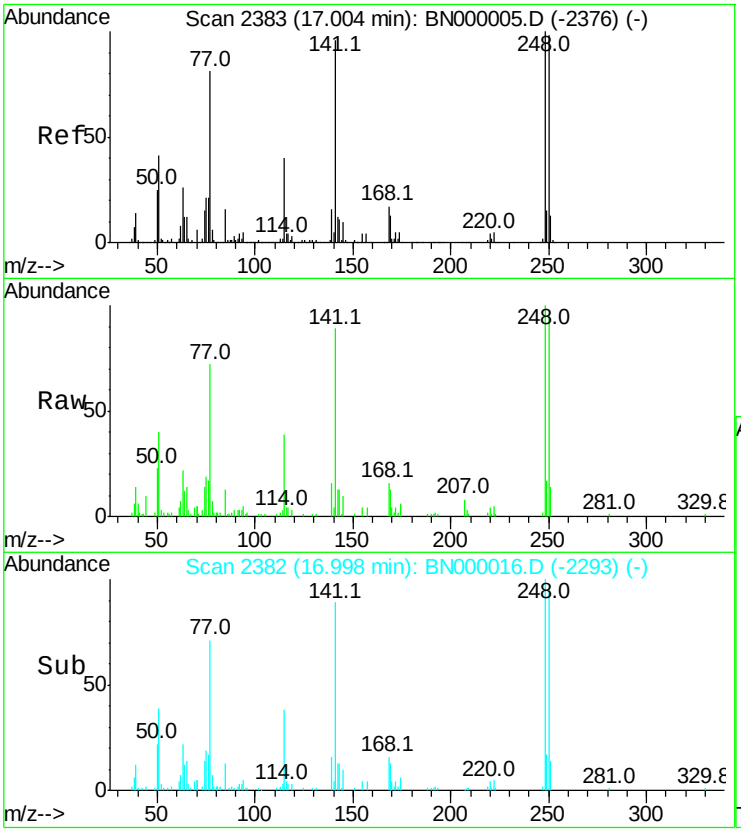


#65
n-Nitrosodiphenylamine
Concen: 2.646 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:169 Resp: 167258

Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.7	83.5
167	35.7	30.1	45.1



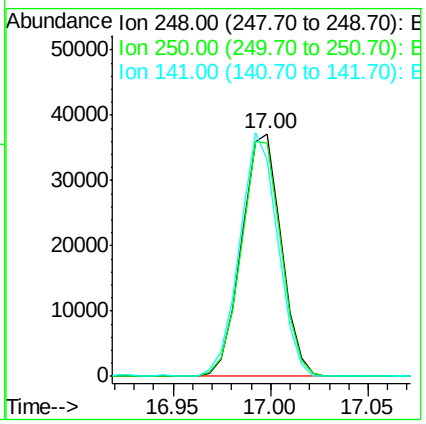


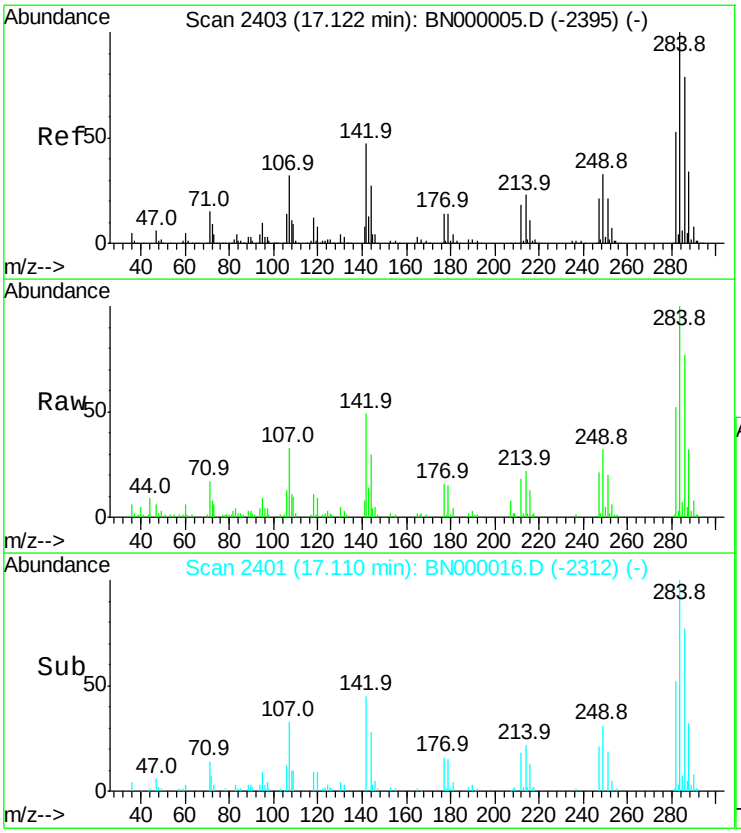
#66
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 51857

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	89.5	50.8	76.2#

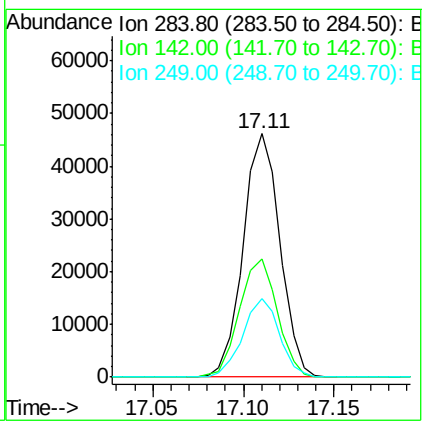


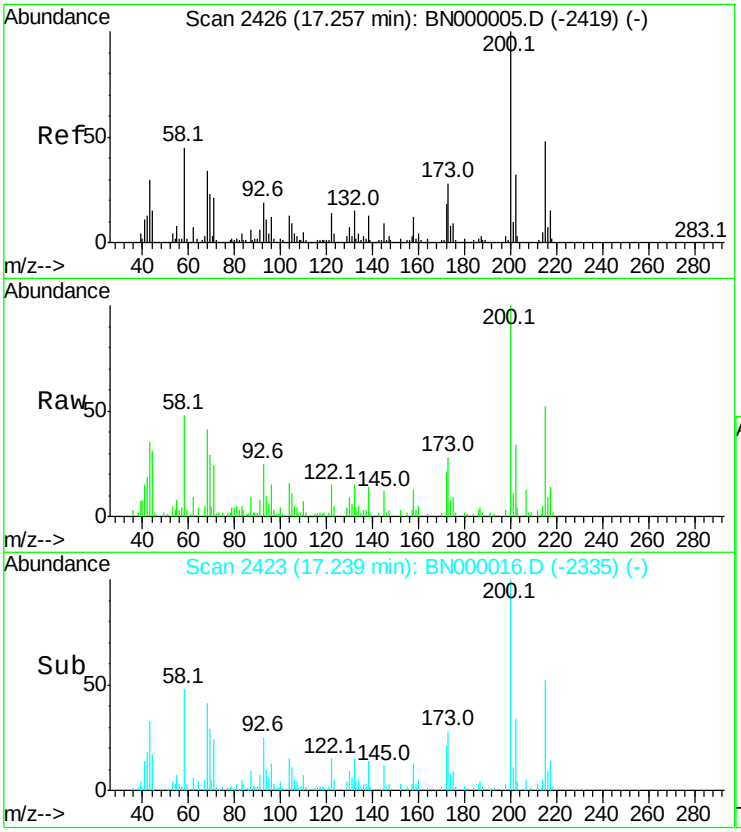


#67
Hexachlorobenzene
Concen: 3.117 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:284 Resp: 65001

Ion	Ratio	Lower	Upper
284	100		
142	48.6	26.8	40.2#
249	32.3	26.3	39.5



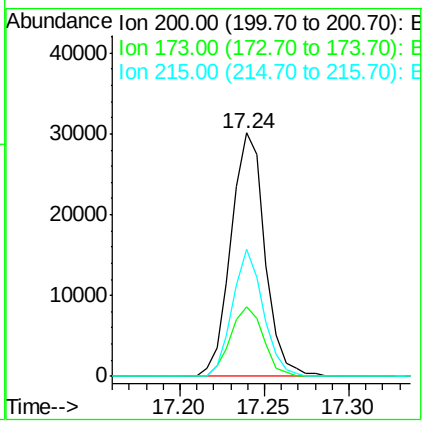


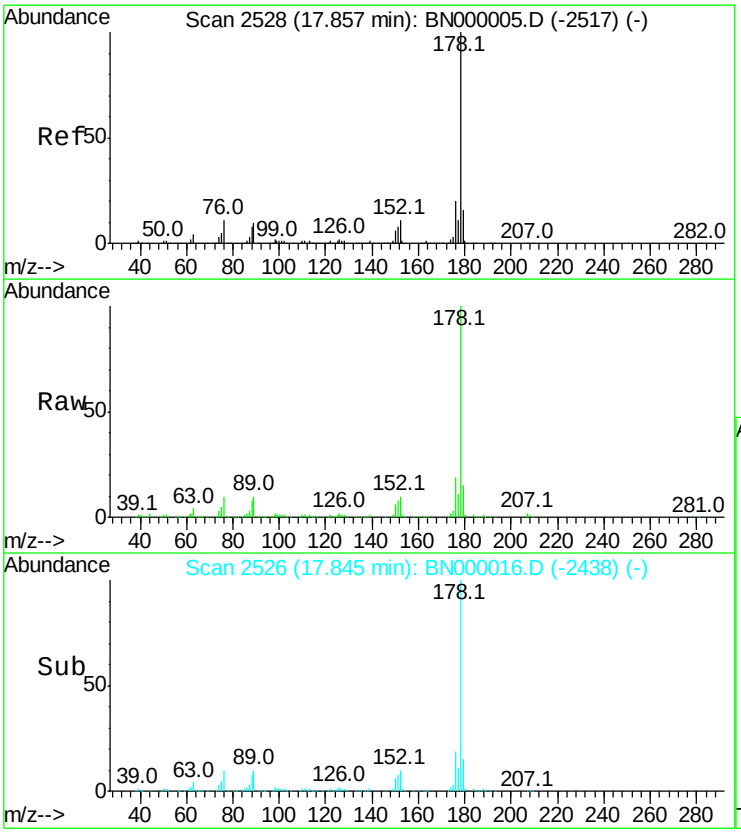
#68
Atrazine
Concen: 2.182 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 42044

Ion	Ratio	Lower	Upper
200	100		
173	28.5	5.2	45.2
215	52.3	30.4	70.4

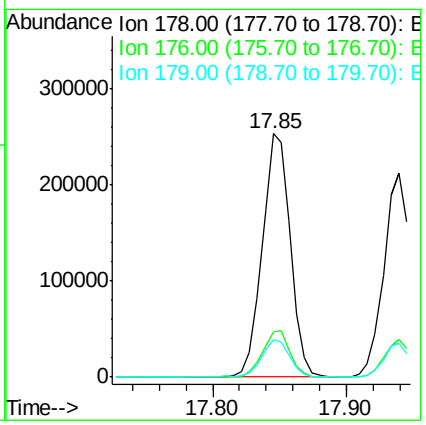


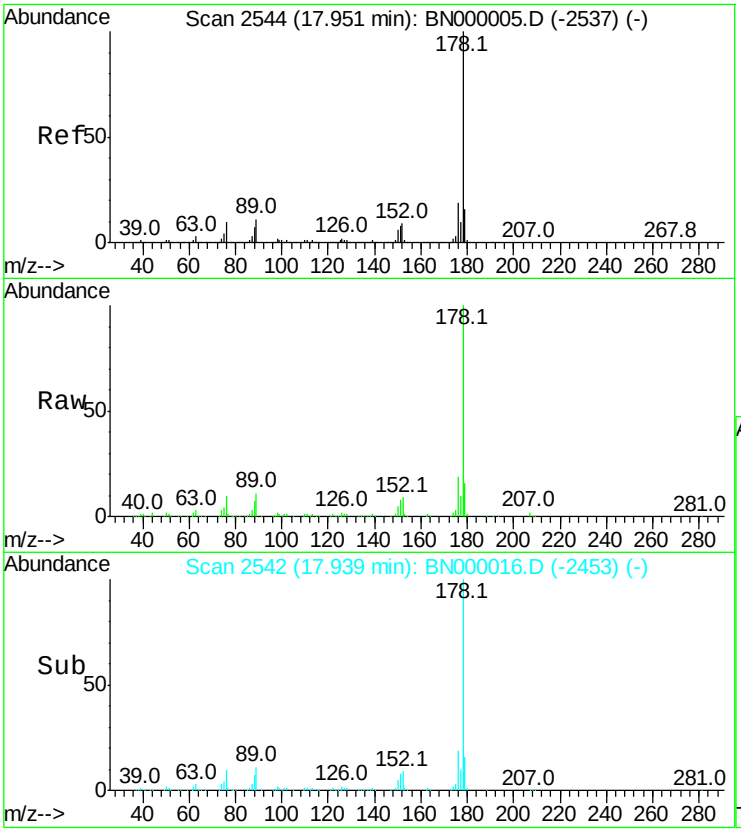


#70
Phenanthrene
Concen: 3.175 ng
RT: 17.85 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:178 Resp: 369476

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.4	12.5	18.7



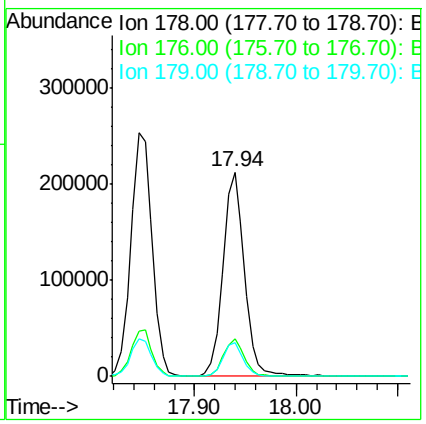


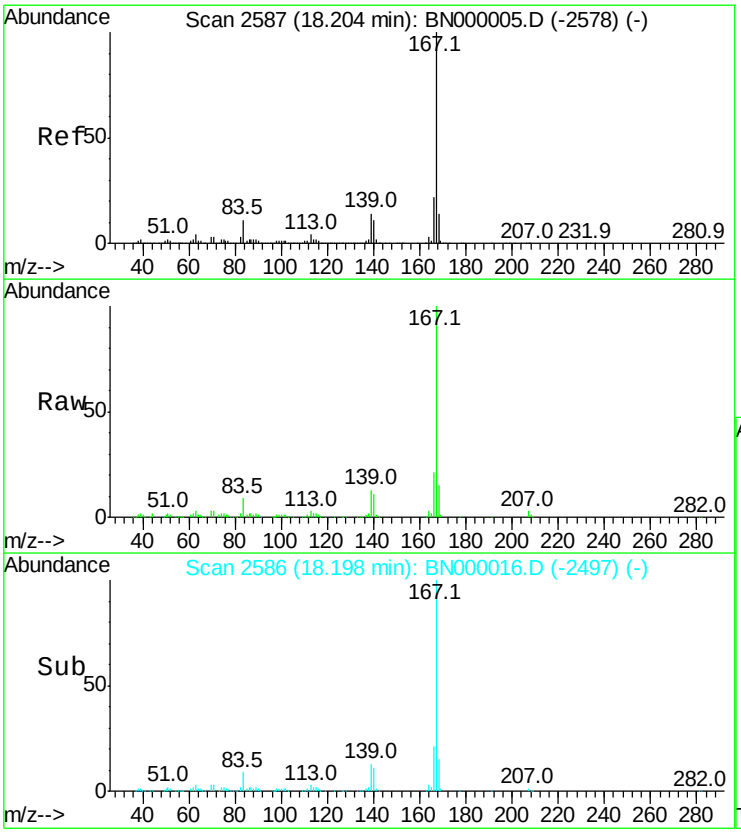
#71
Anthracene
Concen: 2.687 ng
RT: 17.94 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 309764

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.3	12.5	18.7

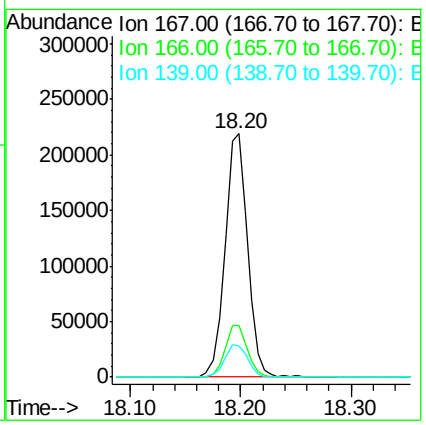


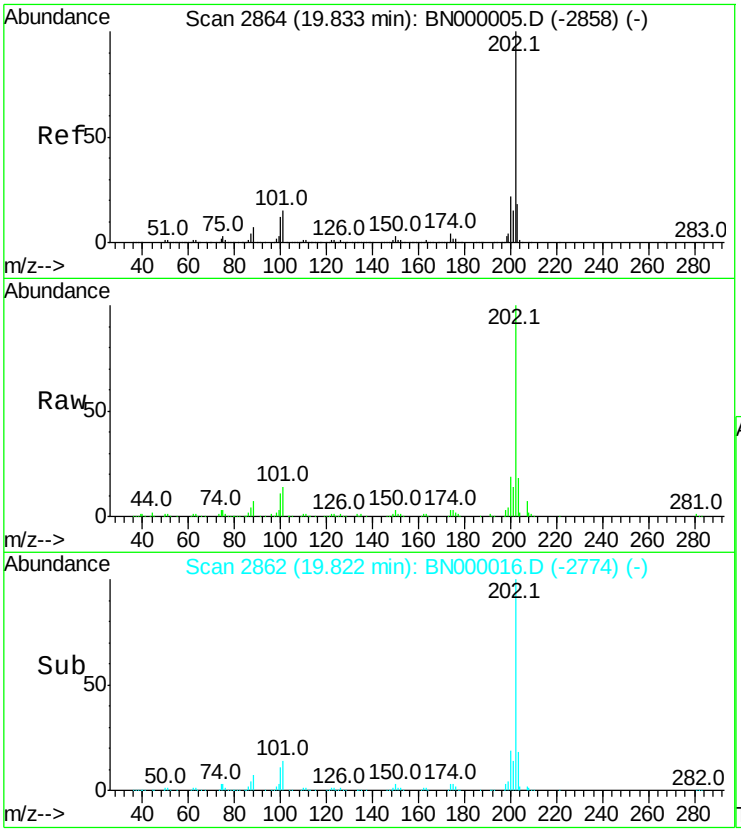


#72
Carbazole
Concen: 2.626 ng
RT: 18.20 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:167 Resp: 313291

Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	13.0	9.4	14.2



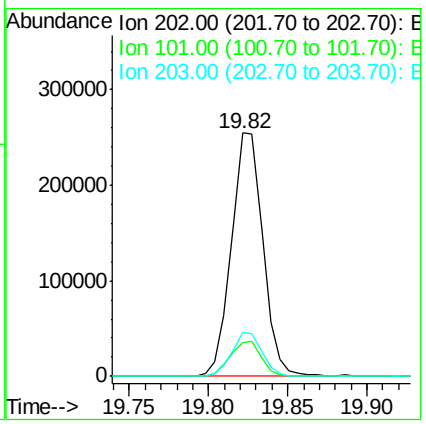


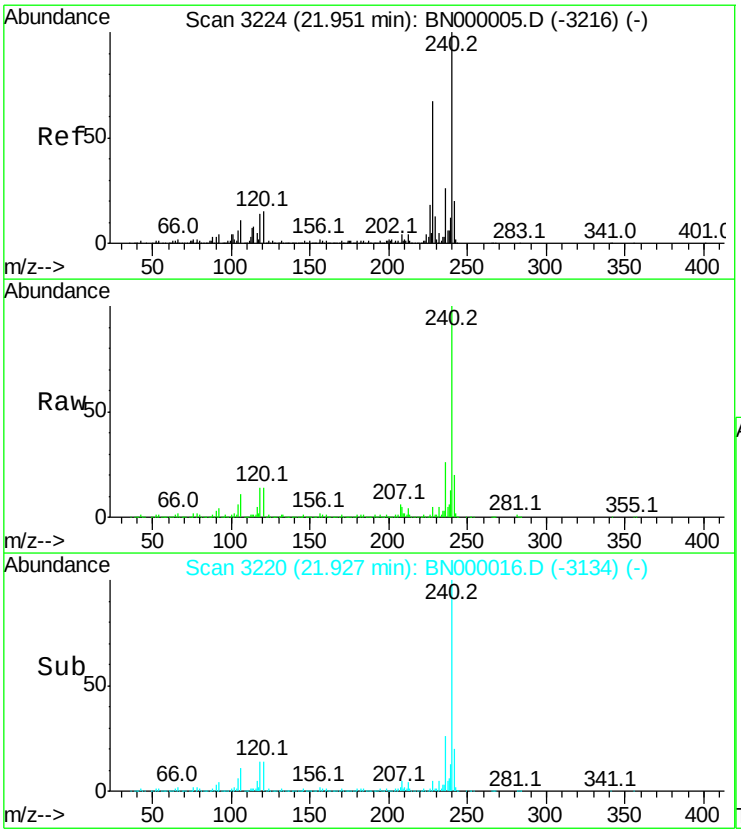
#74
Fluoranthene
Concen: 2.654 ng
RT: 19.82 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 350668

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	28.9
203	17.8	0.0	37.5

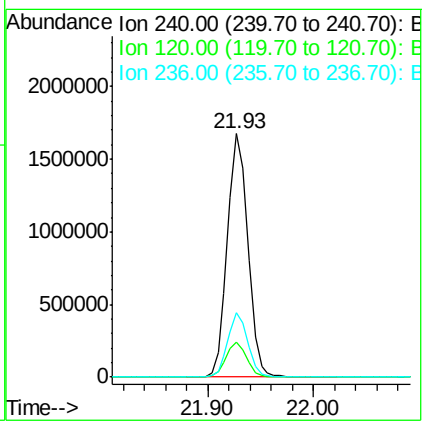


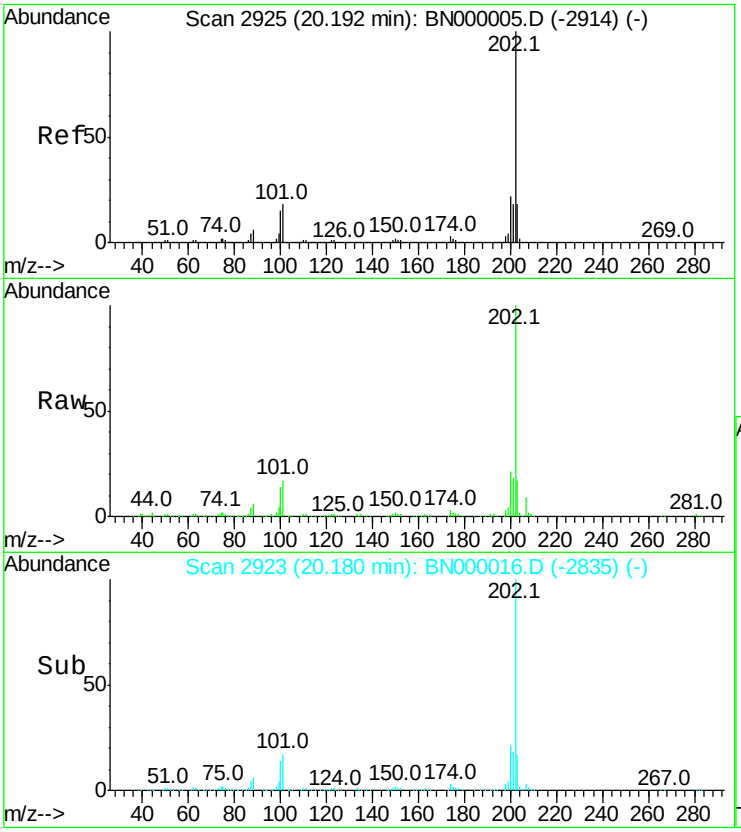


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:240 Resp: 2246983

Ion	Ratio	Lower	Upper
240	100		
120	14.5	6.8	10.2#
236	26.5	20.9	31.3



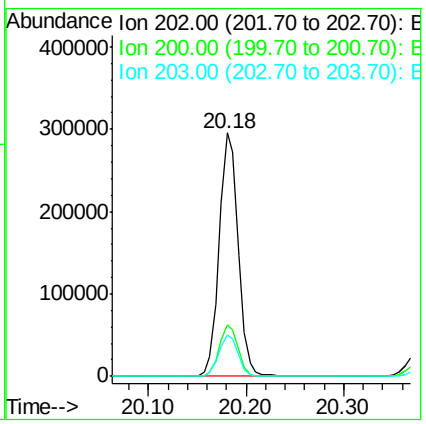


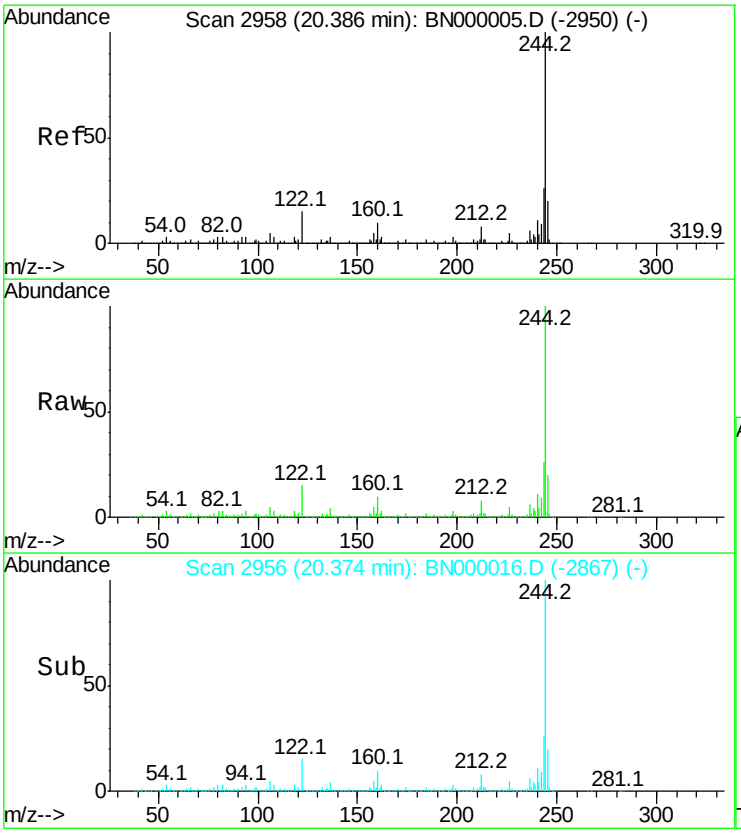
#77
Pyrene
Concen: 2.815 ng
RT: 20.18 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 399032

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.2	13.9	20.9

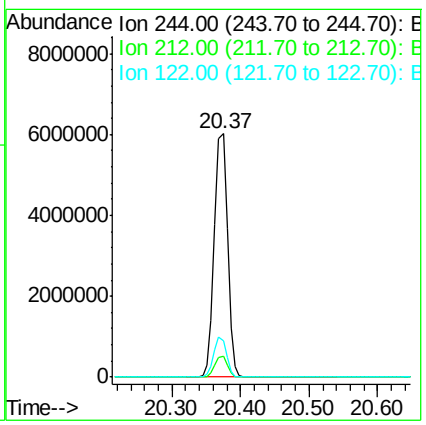


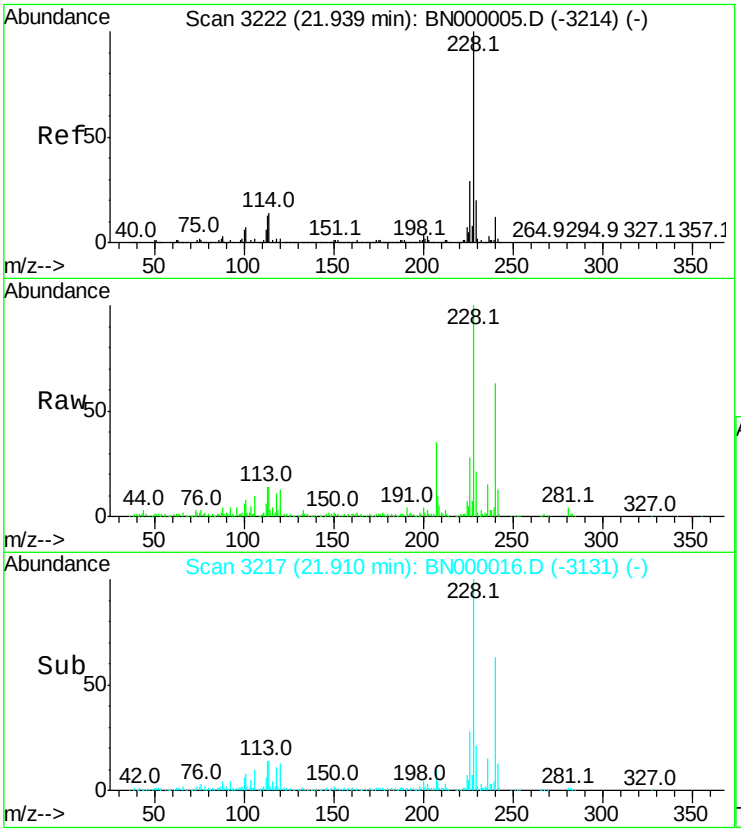


#78
Terphenyl-d14
Concen: 94.199 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:244 Resp: 8019213

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	14.9	7.0	10.4#



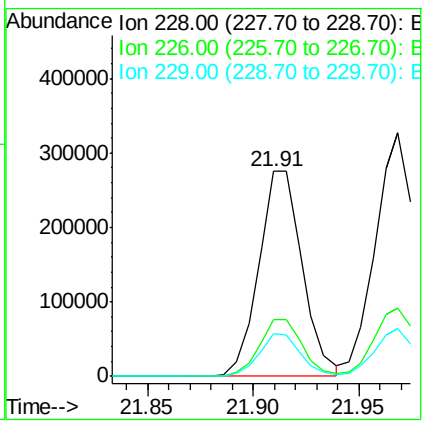


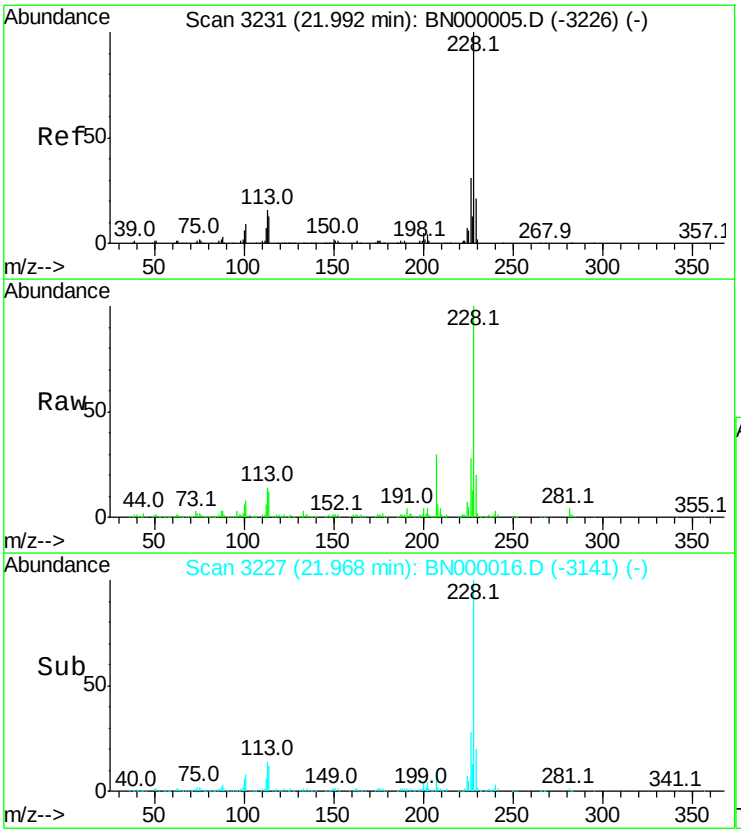
#80
Benzo(a)anthracene
Concen: 2.831 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 394459

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	21.1	16.2	24.2

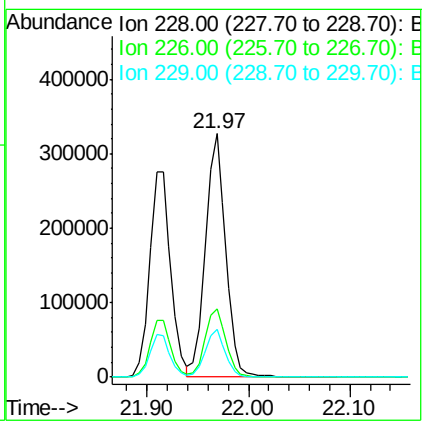


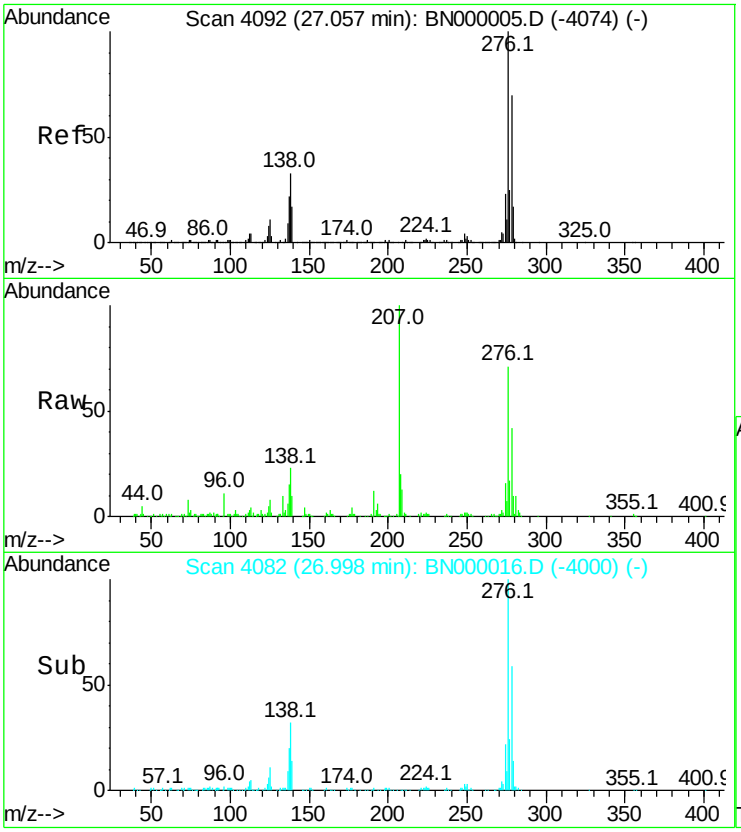


#82
Chrysene
Concen: 3.255 ng
RT: 21.97 min Scan# 3227
Delta R.T. -0.02 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:228 Resp: 450299

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	19.5	15.0	22.4



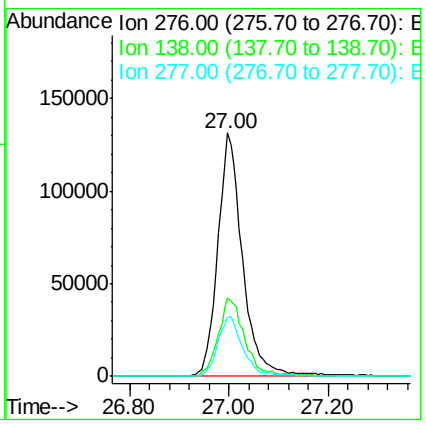


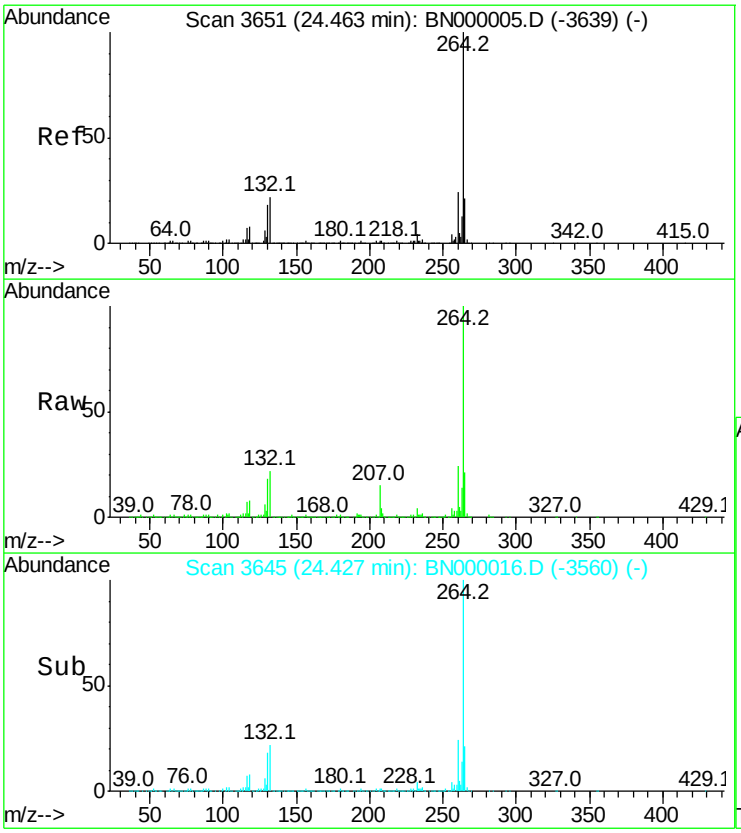
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.543 ng
RT: 27.00 min Scan# 4082
Delta R.T. -0.05 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 453782

Ion	Ratio	Lower	Upper
276	100		
138	33.8	16.0	24.0#
277	25.0	20.0	30.0

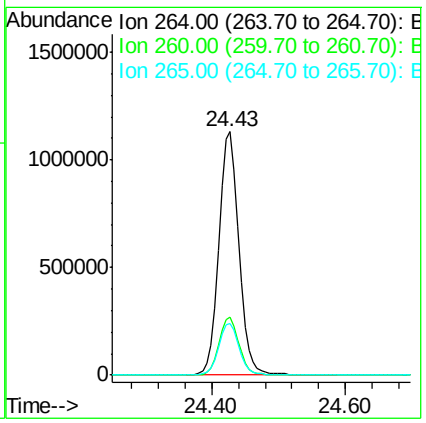


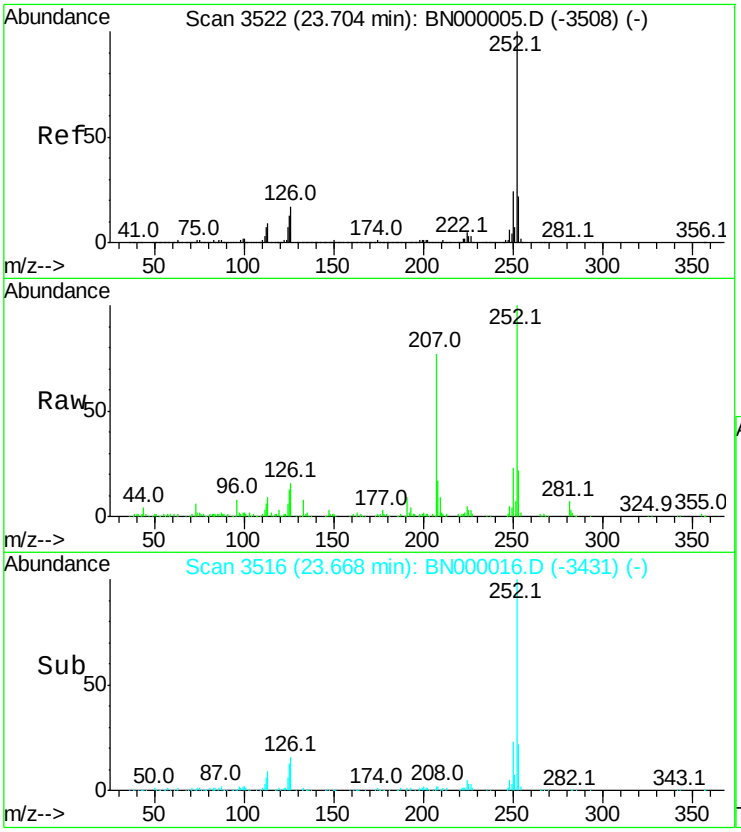


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.43 min Scan# 3645
Delta R.T. -0.03 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:264 Resp: 2410393

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.4	17.7	26.5



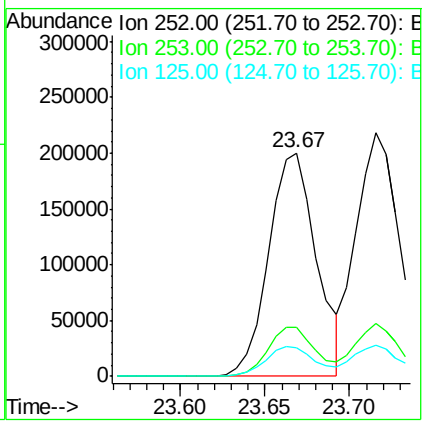


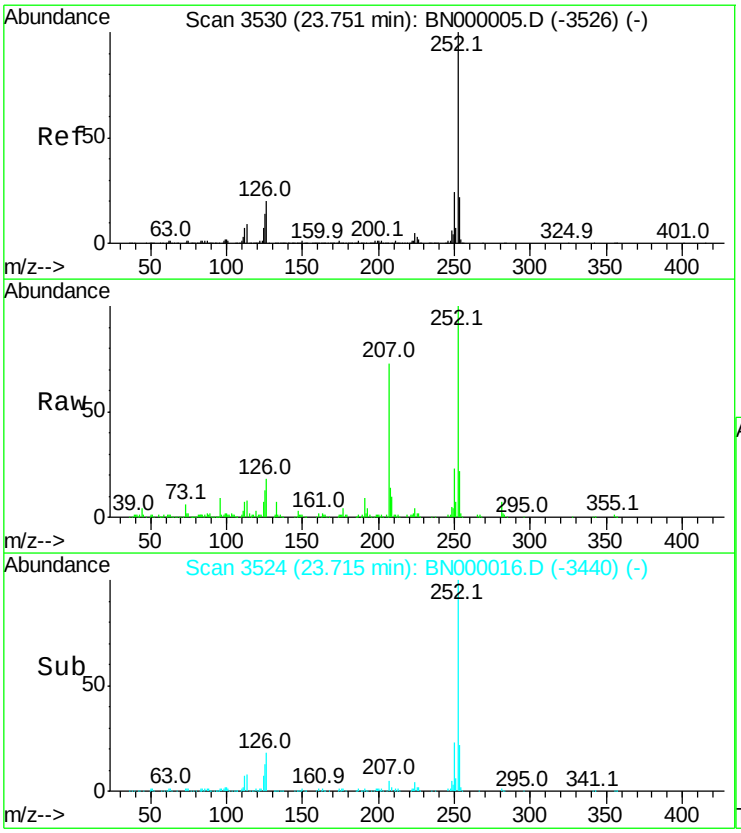
#87
Benzo(b)fluoranthene
Concen: 2.735 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.03 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 392035

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.9	7.2	10.8#

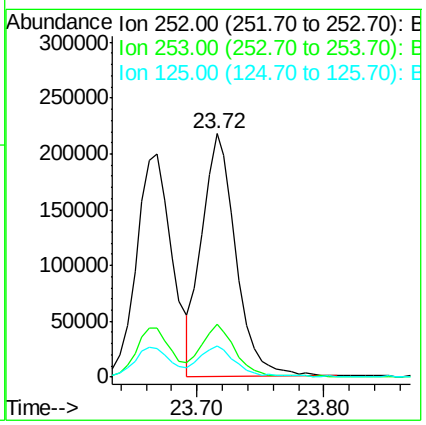


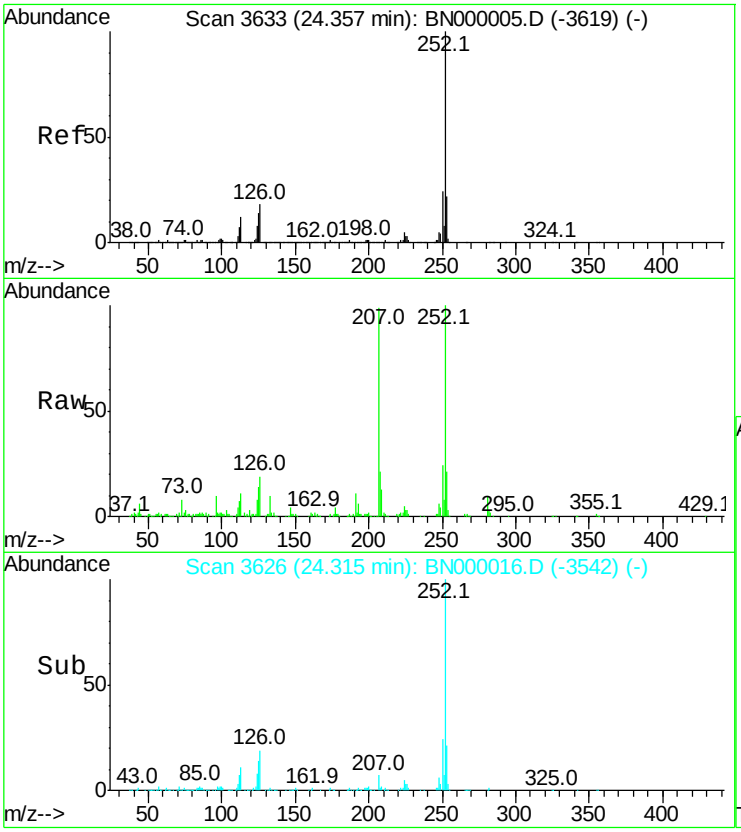


#88
Benzo(k)fluoranthene
Concen: 2.809 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.04 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:252 Resp: 403670

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	13.0	6.6	9.8#



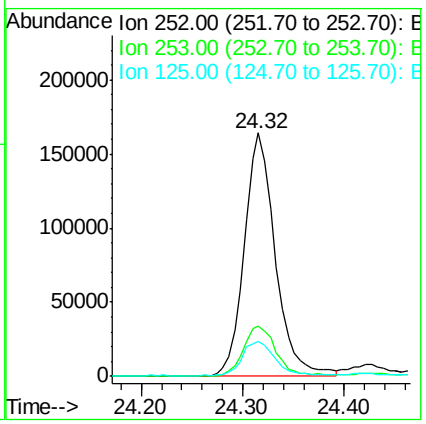


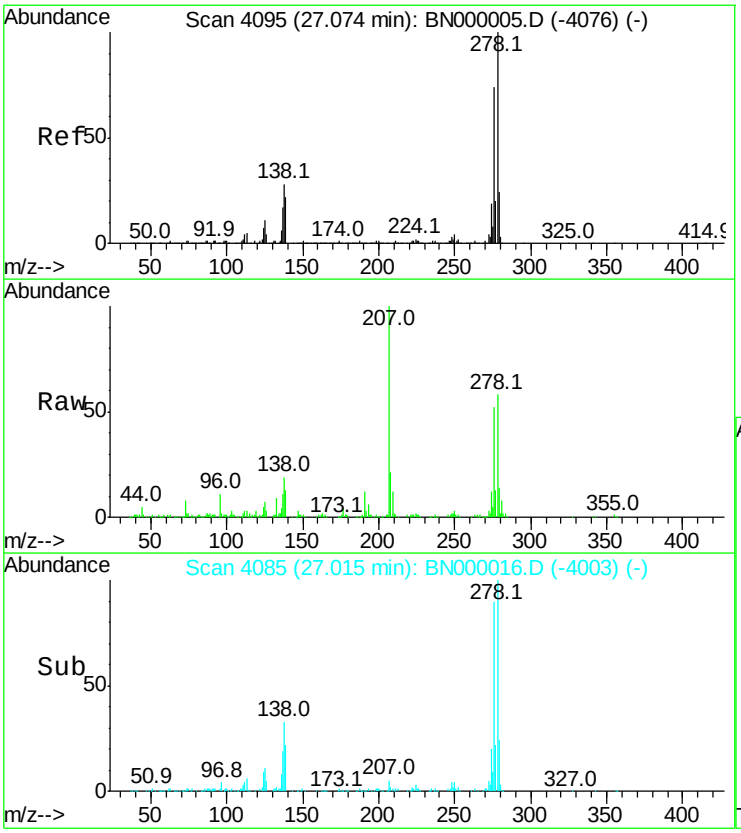
#89
Benzo(a)pyrene
Concen: 2.506 ng
RT: 24.32 min Scan# 3626
Delta R.T. -0.04 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 348849

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.3	27.5
125	14.4	7.3	10.9#

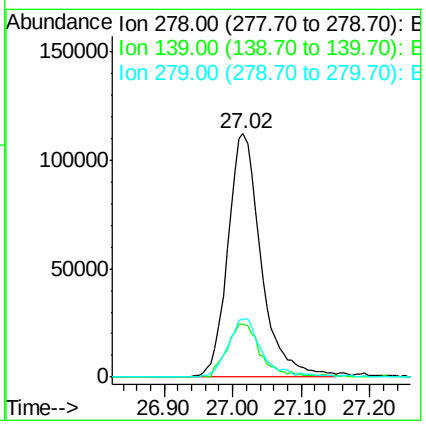


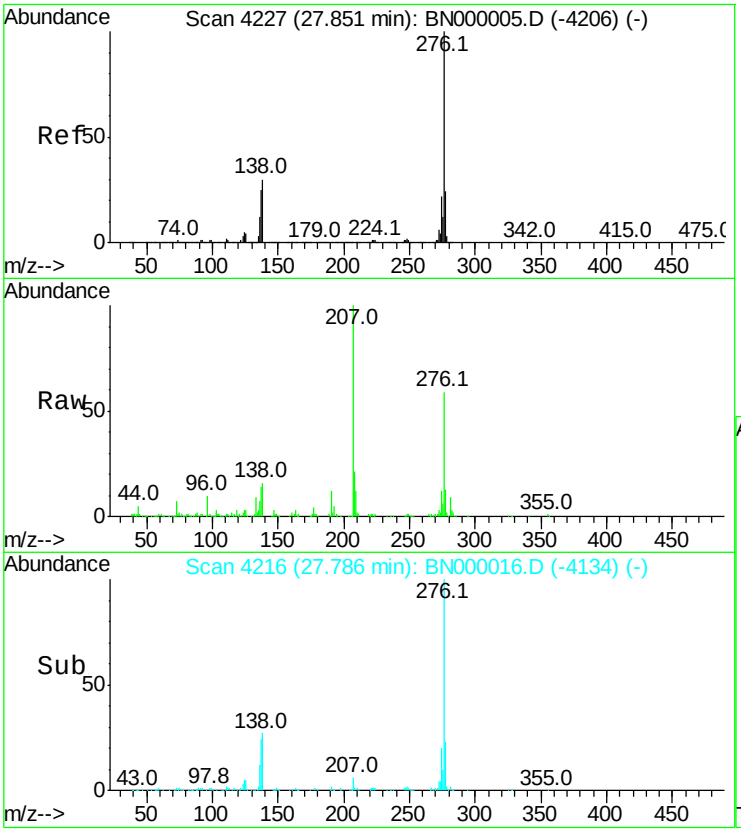


#90
Dibenzo(a,h)anthracene
Concen: 2.596 ng
RT: 27.02 min Scan# 4085
Delta R.T. -0.05 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Tgt Ion:278 Resp: 378369

Ion	Ratio	Lower	Upper
278	100		
139	21.6	9.8	14.6#
279	23.7	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 2.599 ng
RT: 27.79 min Scan# 4216
Delta R.T. -0.05 min
Lab File: BN000016.D
Acq: 05 Feb 2018 13:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 384904

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	26.6	13.9	20.9#