Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111601.D
Acq On : 19 Dec 2018 20:20
Operator : JU/SJ
Sample : J6403-45RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-B

Quant Time: Dec 20 03:24:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209813	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	782254	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	391152	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	731323	20.00	ng		0.00
76) Chrysene-d12	14.04	240	566865	20.00	ng		0.00
87) Perylene-d12	15.52	264	580881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1339998	108.86	ng		0.00
7) Phenol-d6	6.52	99	1715577	109.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	1050465	78.17	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	490994	106.24	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1676773	62.48	ng		0.00
79) Terphenyl-d14	12.99	244	1656798	55.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	128	0.022	ng	#	1
3) Pyridine	3.63	79	117	0.008	ng	#	16
4) n-Nitrosodimethylamine	3.42	42	3479	0.471	ng	#	1
6) Aniline	6.53	93	2765	0.138	ng	#	1
8) 2-Chlorophenol	6.68	128	457	0.034	ng	#	4
9) Benzaldehyde	6.52	77	3954	0.367	ng	#	1
10) Phenol	6.53	94	108116	6.117	ng		95
11) bis(2-Chloroethyl)ether	6.67	93	2038	0.154	ng	#	1
12) 1,3-Dichlorobenzene	6.91	146	136	0.009	ng	#	26
13) 1,4-Dichlorobenzene	6.91	146	136	0.008	ng	#	24
14) 1,2-Dichlorobenzene	7.05	146	108	0.007	ng	#	1
15) Benzyl Alcohol	7.05	79	18295	1.471	ng	#	39
16) 2,2'-oxybis(1-Chloropropan	7.19	45	115	0.005	ng		72
17) 2-Methylphenol	7.02	107	276	0.025	ng	#	32
18) Hexachloroethane	7.40	117	132	0.024	ng	#	6
19) n-Nitroso-di-n-propylamine	7.45	70	144620	13.901	ng	#	78
20) 3+4-Methylphenols	7.28	107	702	0.051	ng	#	62
22) Acetophenone	7.29	105	972	0.049	ng	#	67
24) Nitrobenzene	7.45	77	3901	0.277	ng	#	38
25) Isophorone	7.45	82	1049007	43.969	ng	#	64
28) bis(2-Chloroethoxy)methane	8.12	93	121	0.008	ng	#	48
31) Naphthalene	8.19	128	16764	0.446	ng		98
32) Benzoic acid	8.17	122	182	0.024	ng	#	1
33) 4-Chloroaniline	8.19	127	2302	0.142	ng	#	43
36) 4-Chloro-3-methylphenol	8.48	107	260	0.022	ng	#	20
37) 2-Methylnaphthalene	8.89	142	4787	0.196	ng		89
38) 1-Methylnaphthalene	8.99	142	3597	0.153	ng	#	94
46) 1,1'-Biphenyl	9.35	154	4683	0.142	ng		96
47) 2-Chloronaphthalene	9.64	162	1663	0.064	ng	#	1
48) 2-Nitroaniline	9.46	65	227	0.033	ng	#	6
49) Acenaphthylene	9.79	152	20083	0.526	ng	#	94
50) Dimethylphthalate	9.64	163	212646	7.434	ng		97
51) 2,6-Dinitrotoluene	9.64	165	2565	0.450	ng	#	12
52) Acenaphthene	9.96	154	8889	0.377	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111601.D
Acq On : 19 Dec 2018 20:20
Operator : JU/SJ
Sample : J6403-45RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-B

Quant Time: Dec 20 03:24:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibenzofuran	10.13	168	8637	0.243	ng	#	91
56) 4-Nitrophenol	10.13	139	3346	0.721	ng	#	14
57) 2,4-Dinitrotoluene	9.93	165	50371	7.348	ng	#	25
58) Fluorene	10.47	166	13808	0.538	ng		98
60) Diethylphthalate	10.34	149	2754	0.098	ng	#	83
62) 4-Nitroaniline	10.46	138	240	0.041	ng	#	23
63) Azobenzene	10.63	77	1287	0.046	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.72	198	984	6.973	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	818	0.033	ng	#	69
67) 4-Bromophenyl-phenylether	10.71	248	31710	3.496	ng	#	1
71) Phenanthrene	11.43	178	169895	4.380	ng		94
72) Anthracene	11.48	178	44526	1.144	ng		93
73) Carbazole	11.63	167	15750	0.417	ng		97
74) Di-n-butylphthalate	11.97	149	8299	0.196	ng	#	95
75) Fluoranthene	12.62	202	296194	7.542	ng		98
77) Benzidine	12.99	184	20013	0.938	ng	#	97
78) Pyrene	12.85	202	313020	7.820	ng		95
80) Butylbenzylphthalate	13.47	149	2809	0.172	ng	#	92
81) Benzo(a)anthracene	14.03	228	149370	4.617	ng		95
82) 3,3'-Dichlorobenzidine	13.97	252	114	0.009	ng	#	1
83) Chrysene	14.07	228	134958	4.245	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	12268	0.597	ng	#	94
85) Di-n-octyl phthalate	14.64	149	758	0.024	ng	#	46
86) Indeno(1,2,3-cd)pyrene	16.82	276	16760	0.620	ng		98
88) Benzo(b)fluoranthene	15.08	252	244254	7.195	ng	#	97
89) Benzo(k)fluoranthene	15.08	252	243872	7.545	ng		98
90) Benzo(a)pyrene	15.39	252	99526	3.227	ng		95
91) Dibenzo(a,h)anthracene	17.00	278	21083	0.781	ng	#	88
92) Benzo(g,h,i)perylene	17.66	276	21593	0.819	ng		90

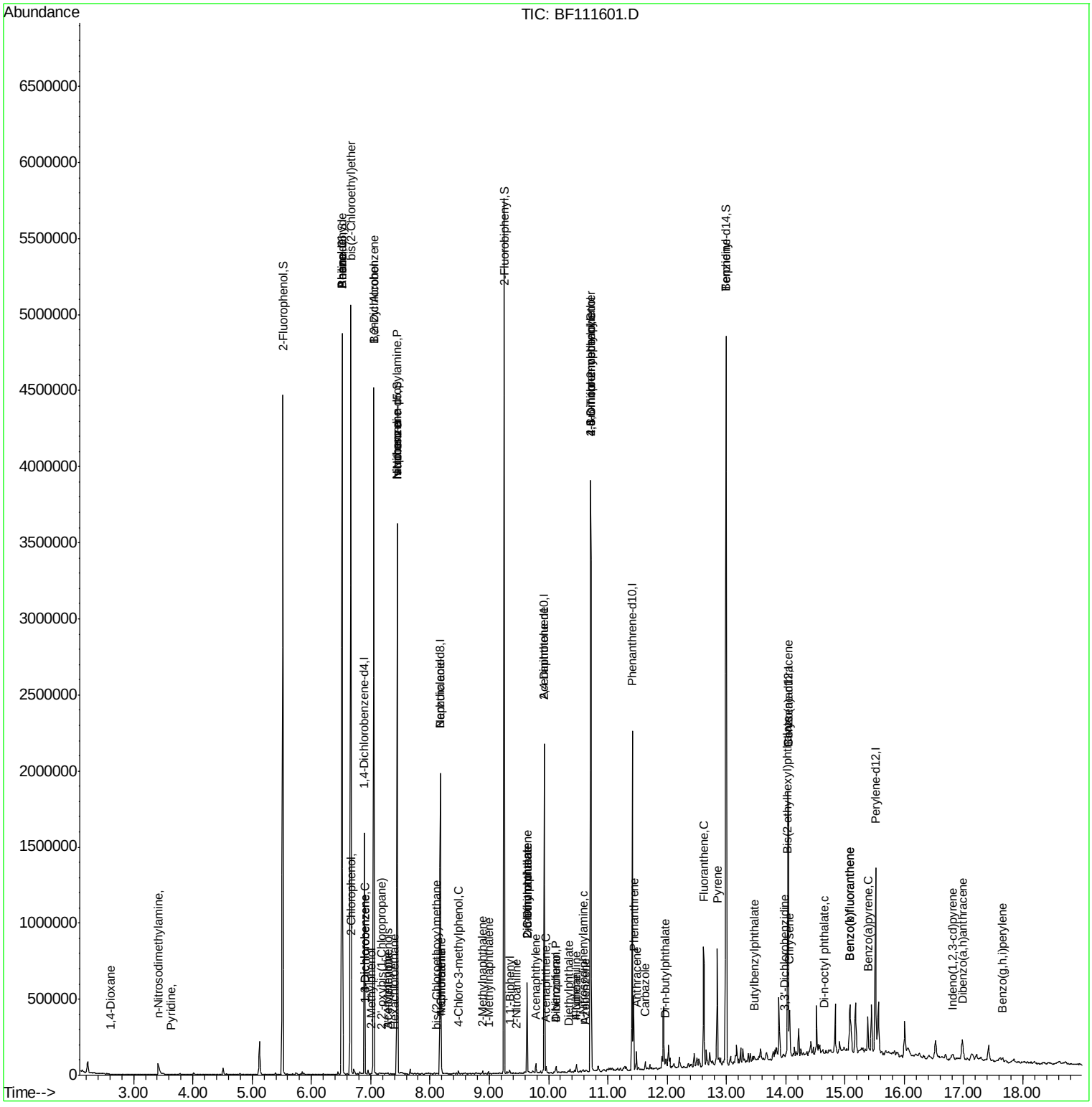
(#) = qualifier out of range (m) = manual integration (+) = signals summed

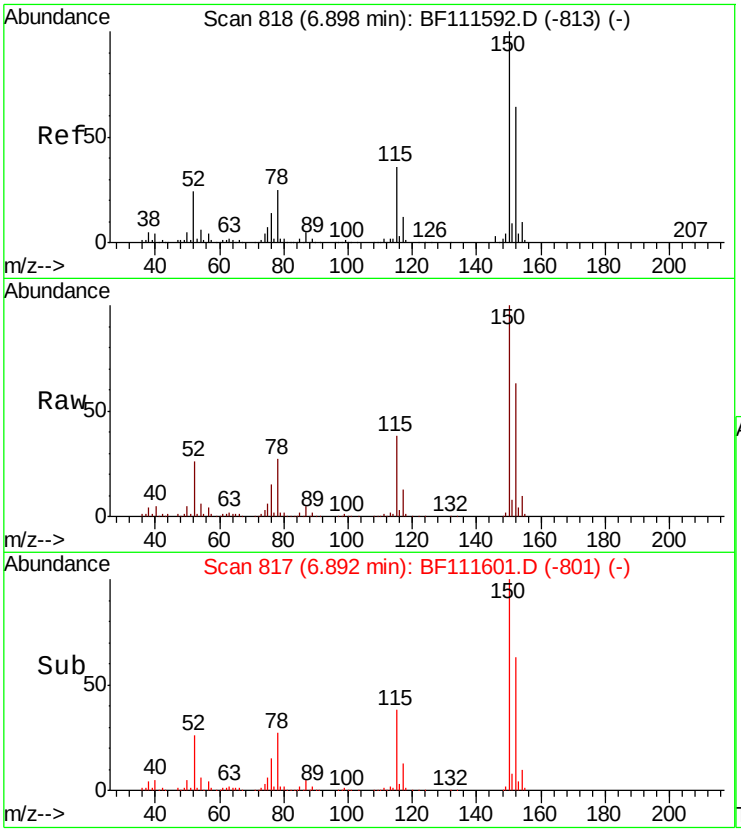
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111601.D
Acq On : 19 Dec 2018 20:20
Operator : JU/SJ
Sample : J6403-45RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Quant Time: Dec 20 03:24:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



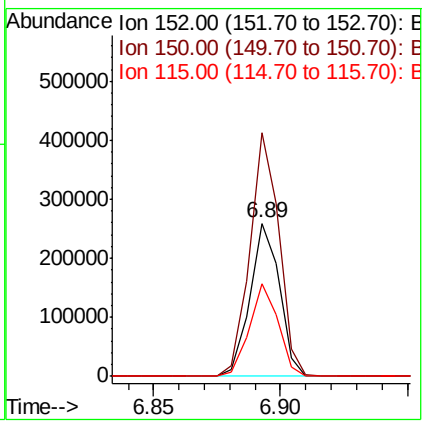


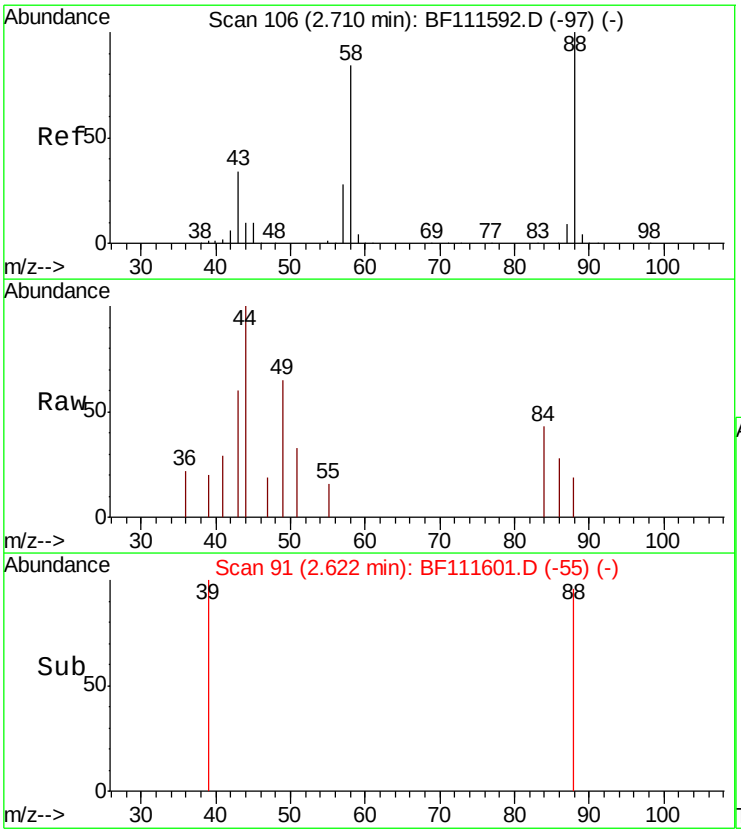
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:152 Resp: 209813

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	60.3	50.7	76.1

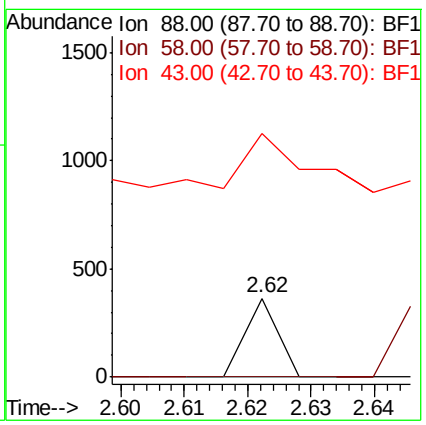


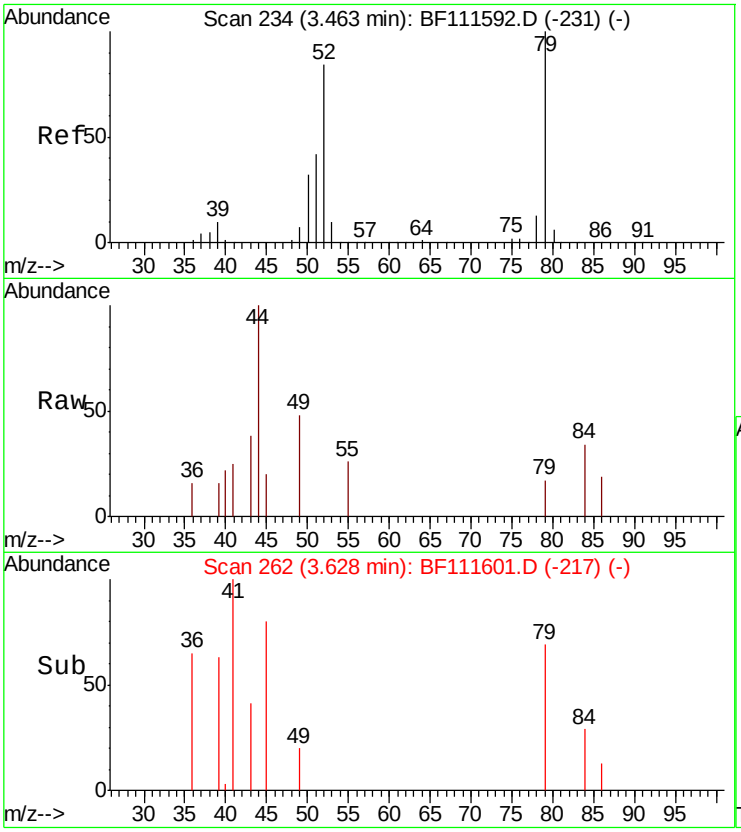


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.09 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.9	103.3#
43	514.1	25.8	38.6#



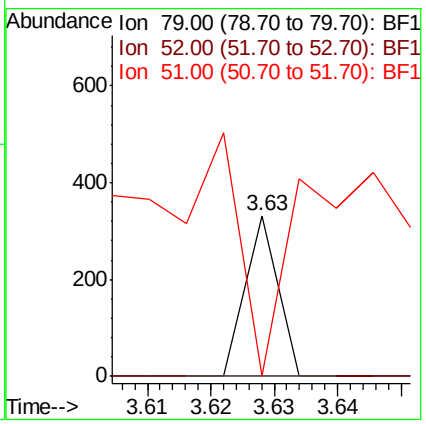


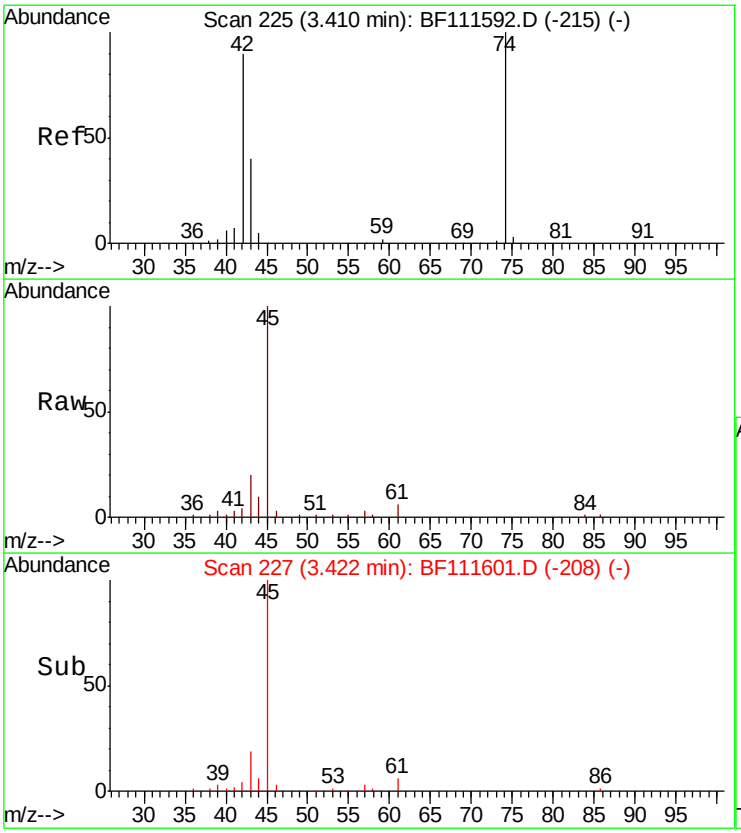
#3
Pyridine
Concen: 0.008 ng
RT: 3.63 min Scan# 262
Delta R.T. 0.16 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 79 Resp: 117

Ion	Ratio	Lower	Upper
79	100		
52	0.0	68.3	102.5#
51	0.0	32.6	49.0#

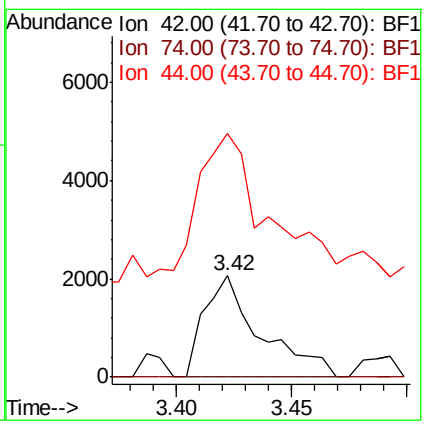


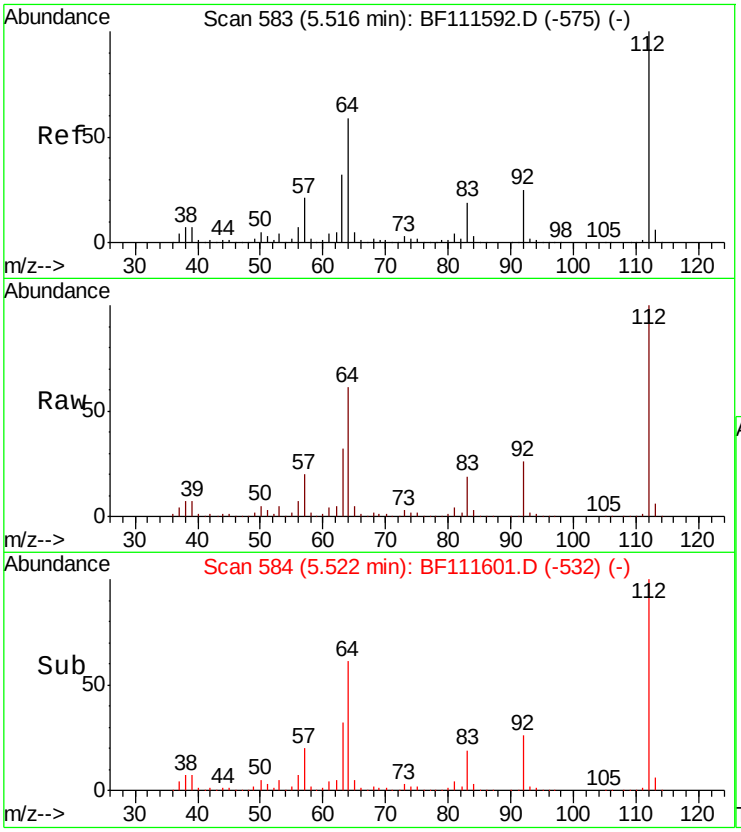


#4
n-Nitrosodimethylamine
Concen: 0.471 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 42 Resp: 3479

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	240.2	6.0	9.0#



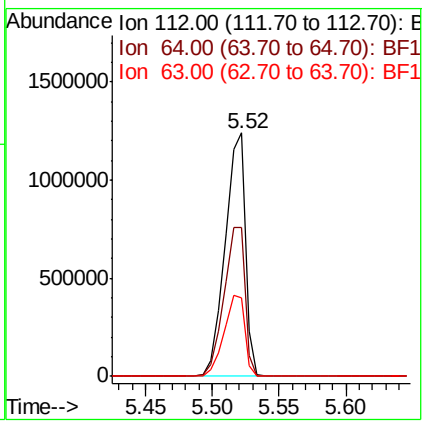


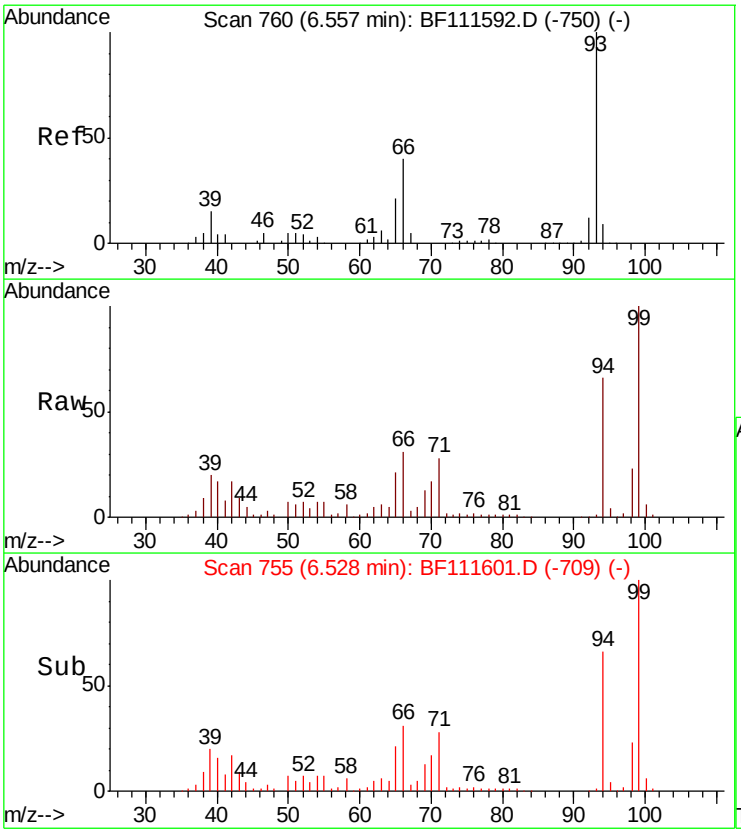
#5
2-Fluorophenol
Concen: 108.862 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:112 Resp: 1339998

Ion	Ratio	Lower	Upper
112	100		
64	61.4	51.8	77.6
63	32.4	26.8	40.2

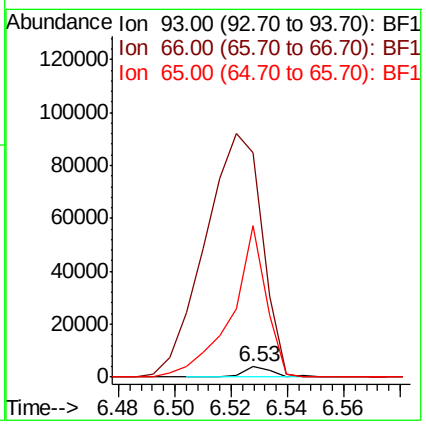


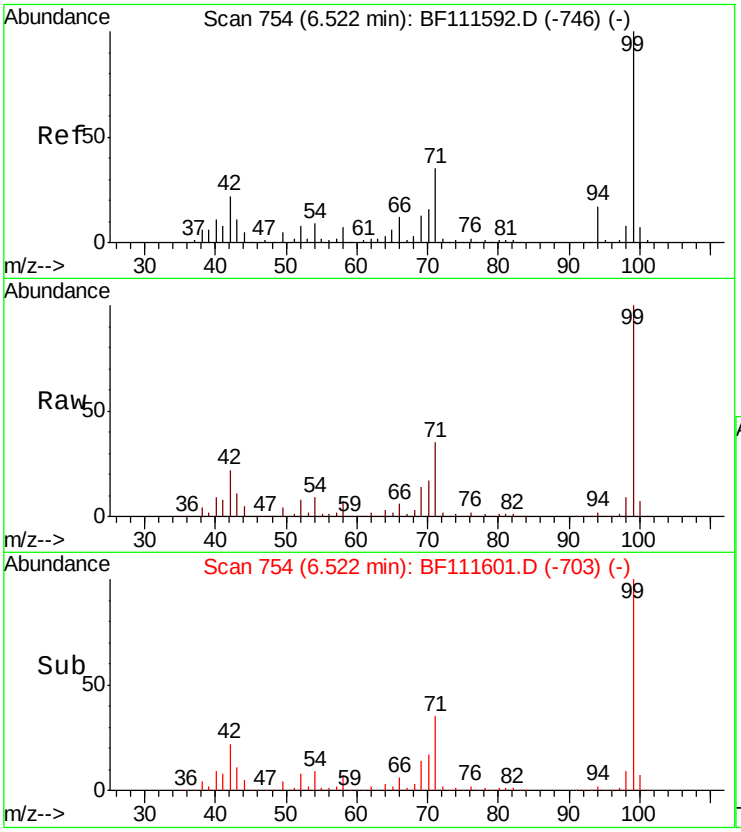


#6
Aniline
Concen: 0.138 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 93 Resp: 2765

Ion	Ratio	Lower	Upper
93	100		
66	2179.4	33.2	49.8#
65	1472.2	17.0	25.4#



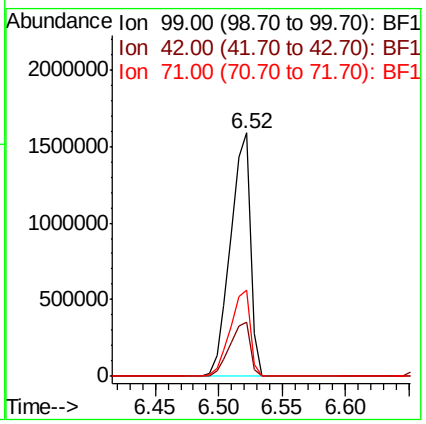


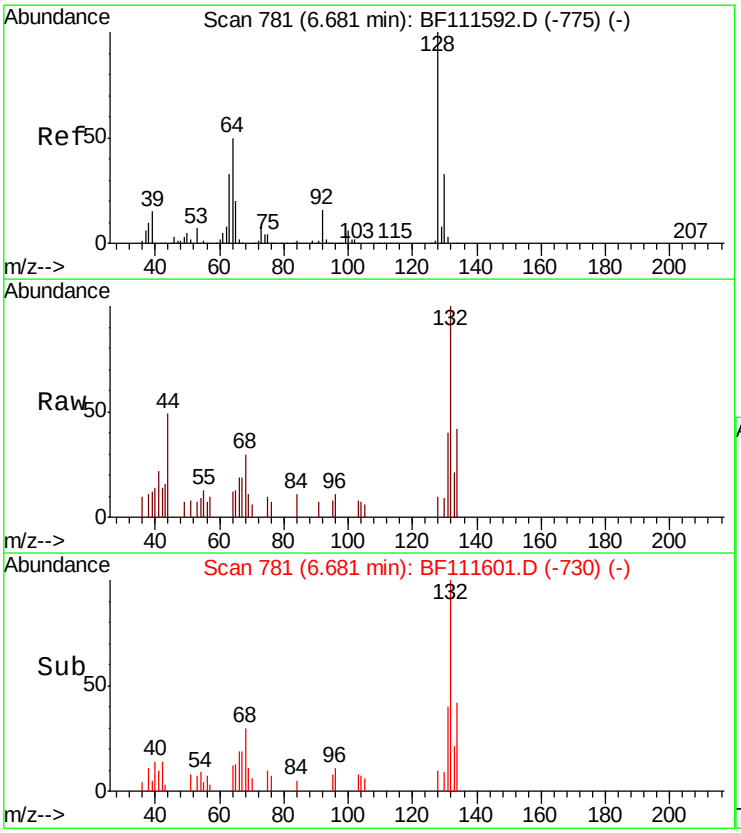
#7
Phenol-d6
Concen: 109.515 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 99 Resp: 1715577

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	35.2	26.1	39.1

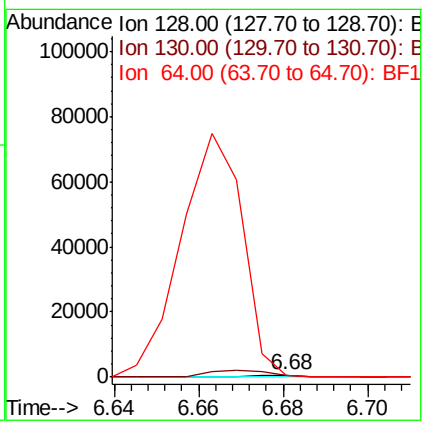


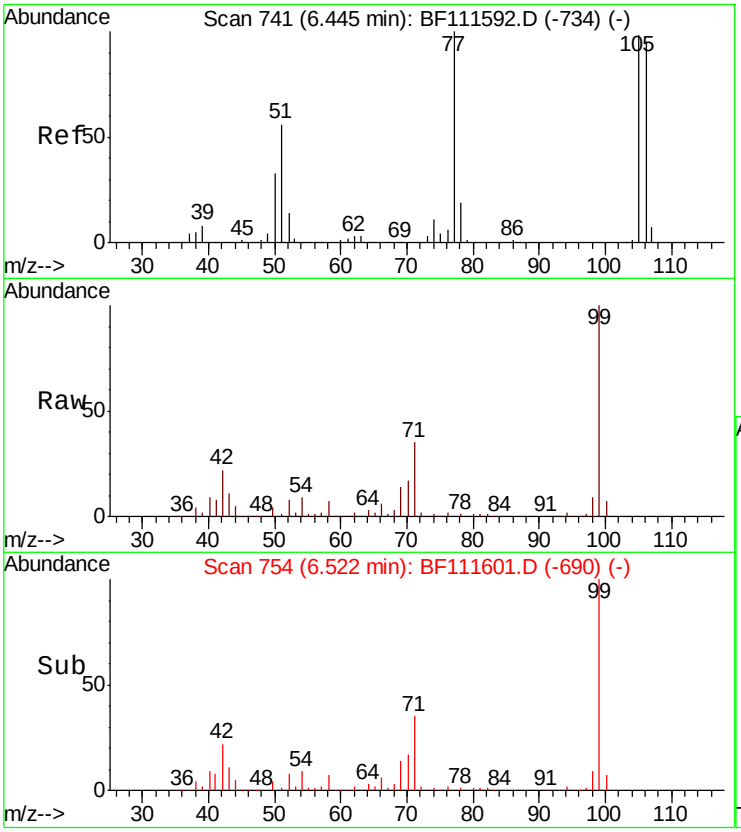


#8
2-Chlorophenol
Concen: 0.034 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:128 Resp: 457

Ion	Ratio	Lower	Upper
128	100		
130	85.9	12.7	52.7#
64	116.3	30.0	70.0#



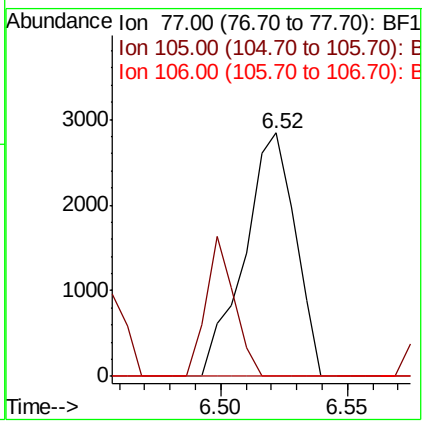


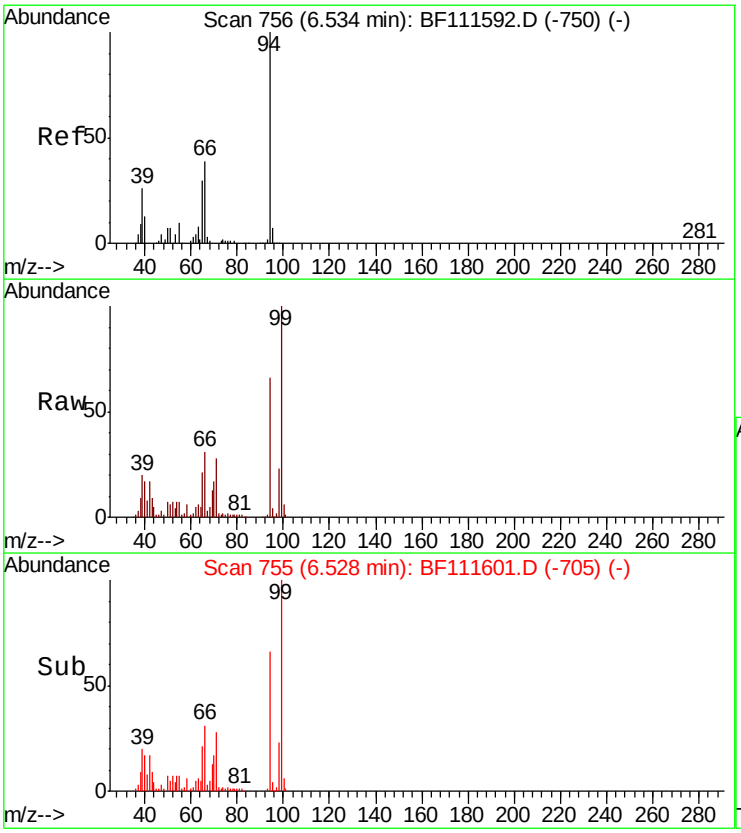
#9
Benzaldehyde
Concen: 0.367 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 77 Resp: 3954

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	77.9	117.9#

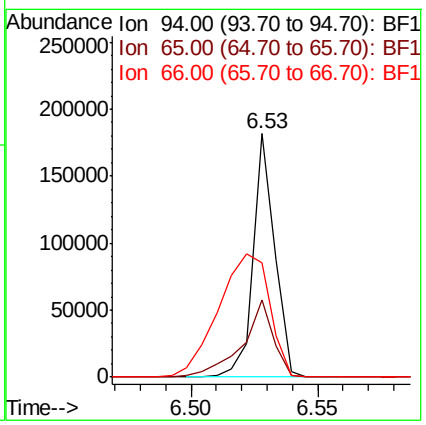


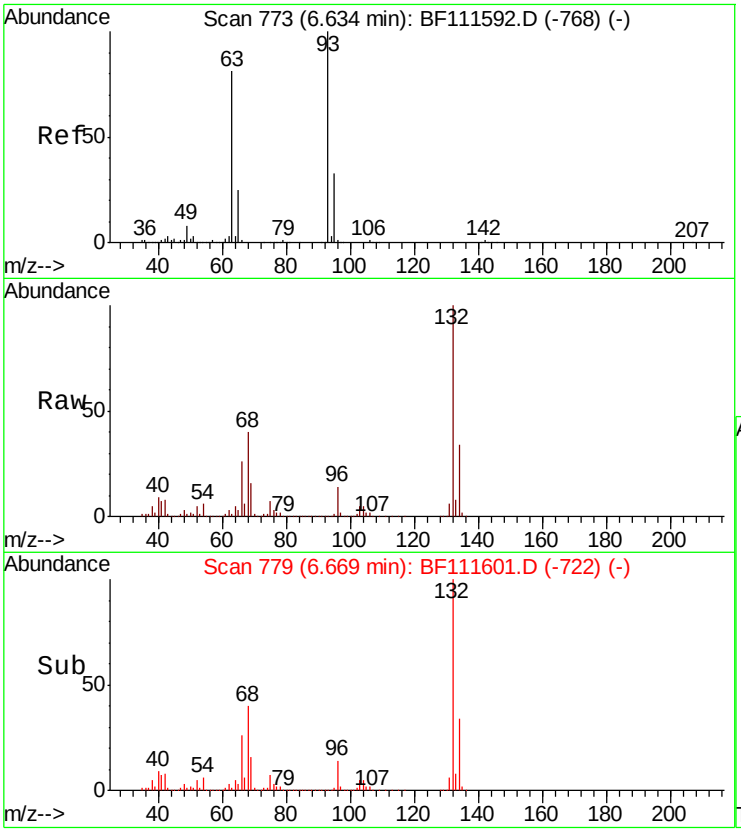


#10
Phenol
Concen: 6.117 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 94 Resp: 108116

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.7	51.7
66	46.8	21.0	61.0



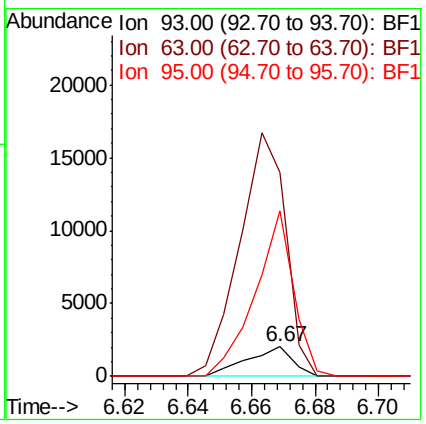


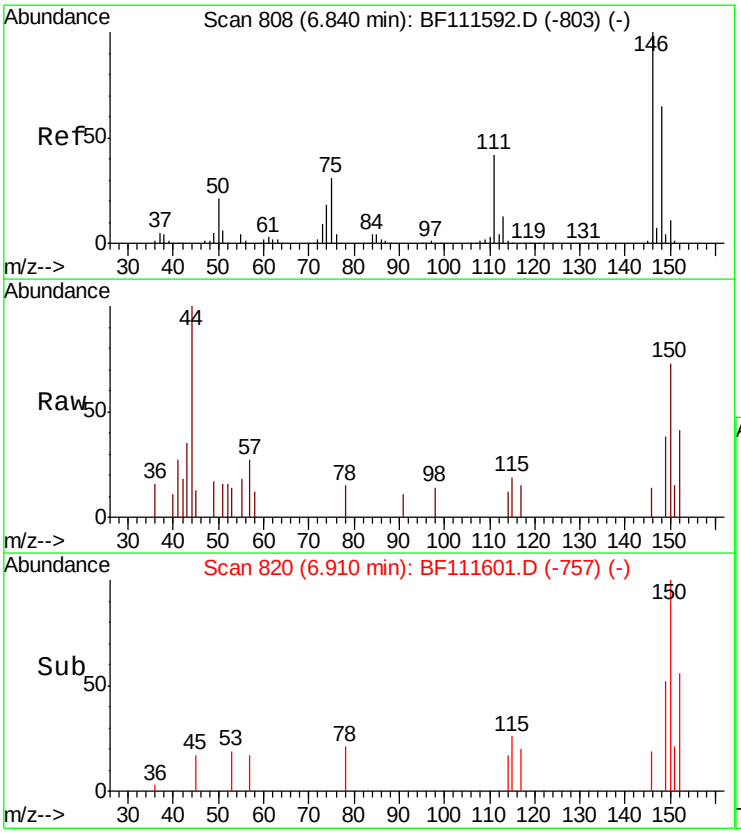
#11
bis(2-Chloroethyl)ether
Concen: 0.154 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.04 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 93 Resp: 2038

Ion	Ratio	Lower	Upper
93	100		
63	687.4	60.0	100.0#
95	557.5	13.4	53.4#

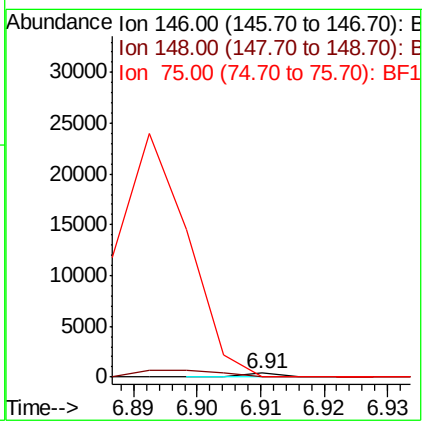


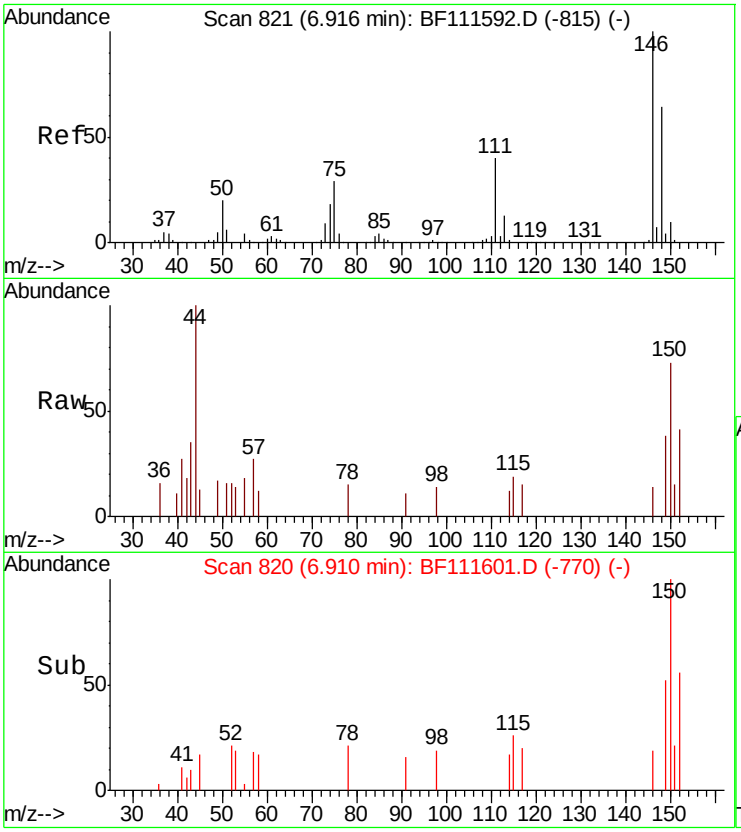


#12
1,3-Dichlorobenzene
Concen: 0.009 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.07 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:146 Resp: 136

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.1	78.1#
75	0.0	23.9	35.9#



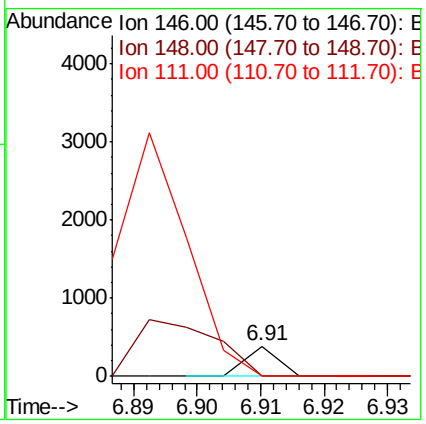


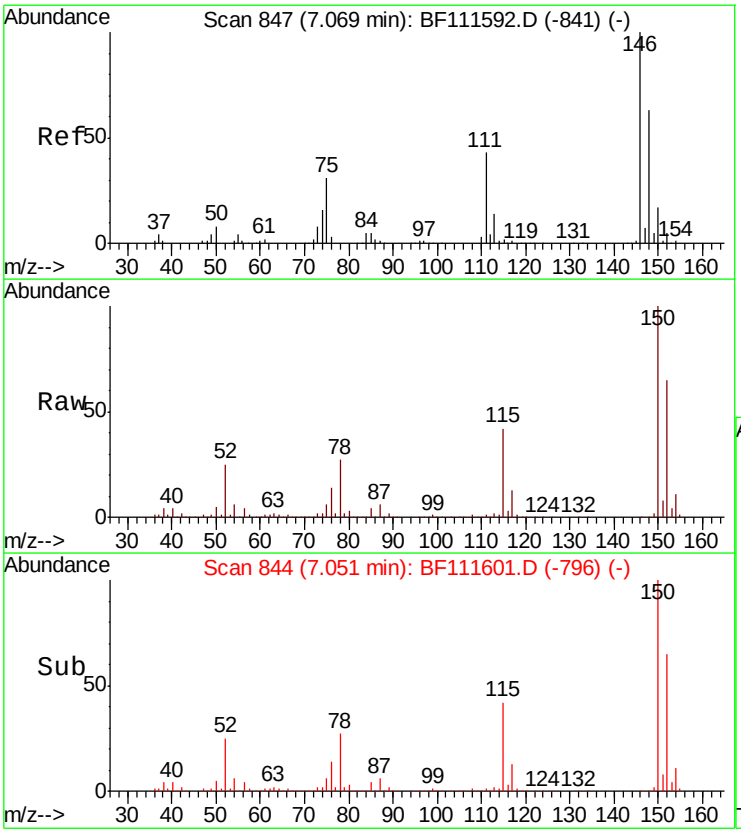
#13
1,4-Dichlorobenzene
Concen: 0.008 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:146 Resp: 136

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.8	79.2#
111	0.0	33.4	50.0#

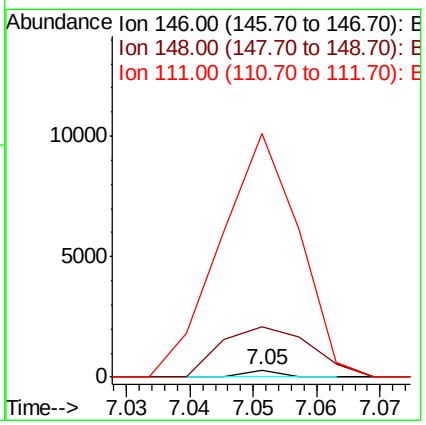


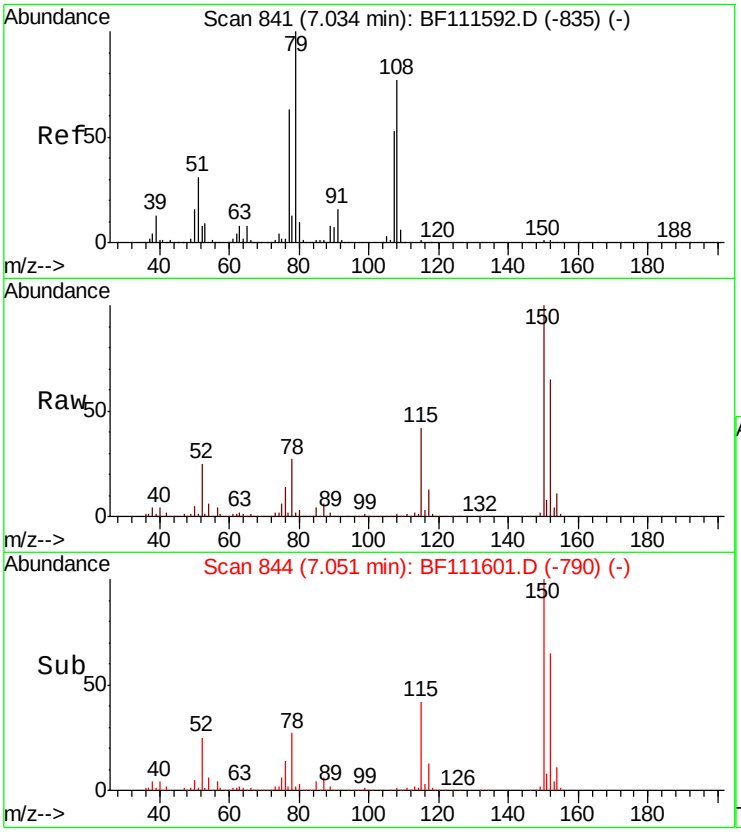


#14
1,2-Dichlorobenzene
Concen: 0.007 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
148	691.8	51.9	77.9#
111	3313.1	36.2	54.4#



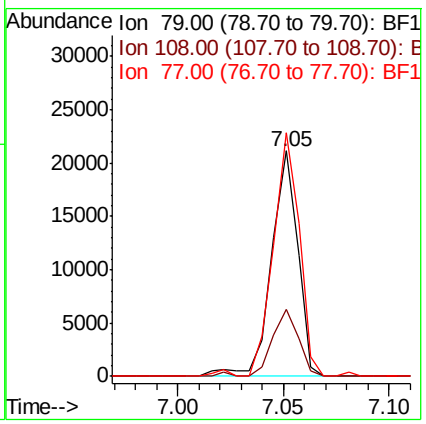


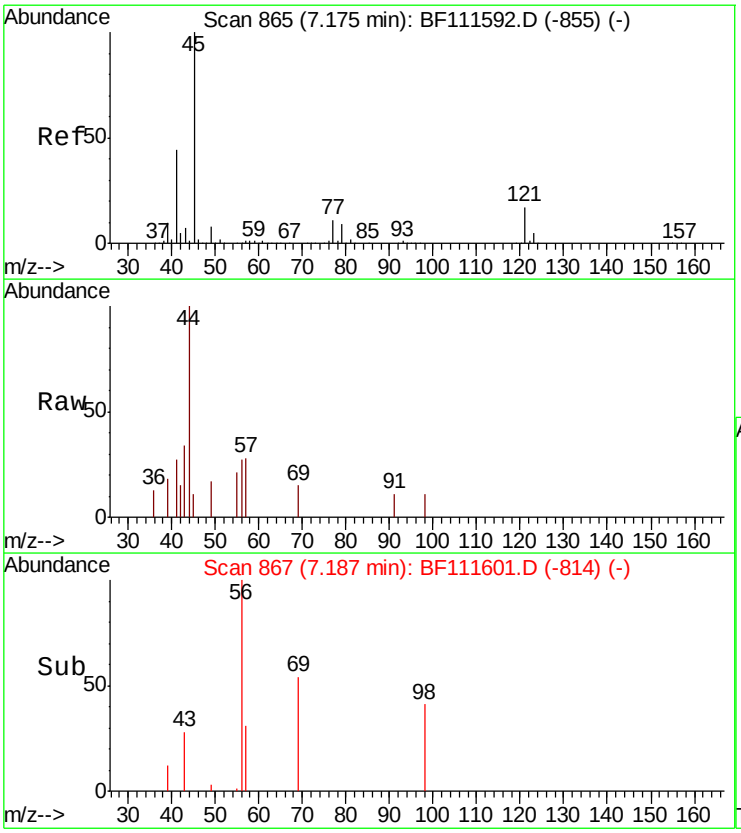
#15
Benzyl Alcohol
Concen: 1.471 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 79 Resp: 18295

Ion	Ratio	Lower	Upper
79	100		
108	29.9	69.4	104.2#
77	107.9	49.7	74.5#

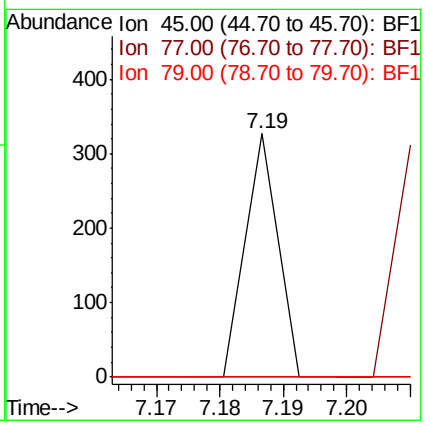


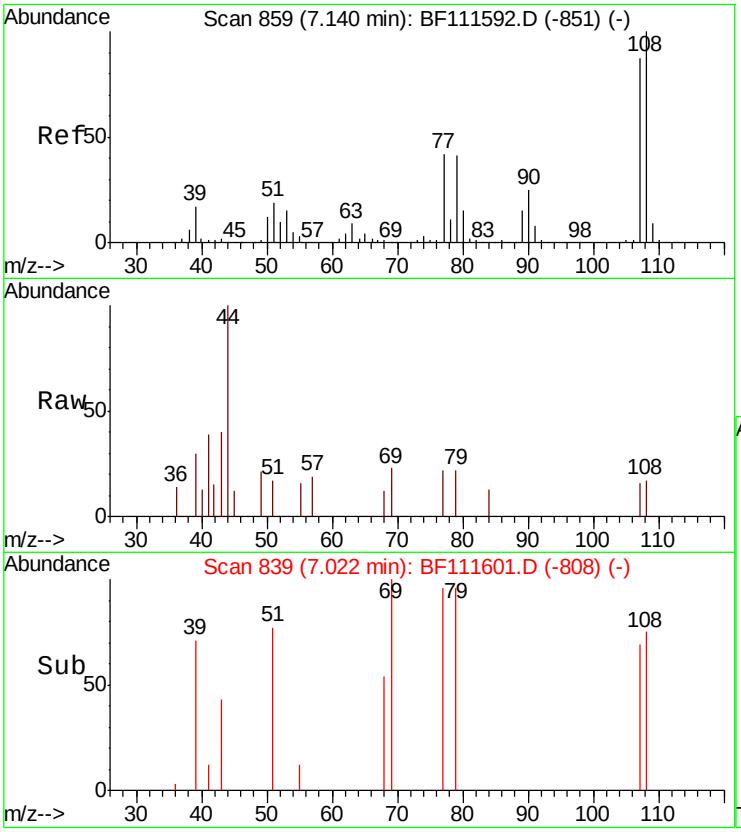


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 45 Resp: 115

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.5
79	0.0	0.0	28.9



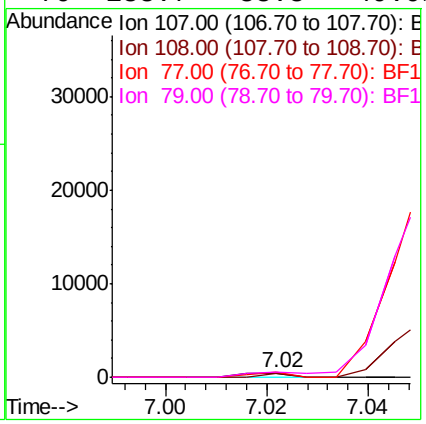


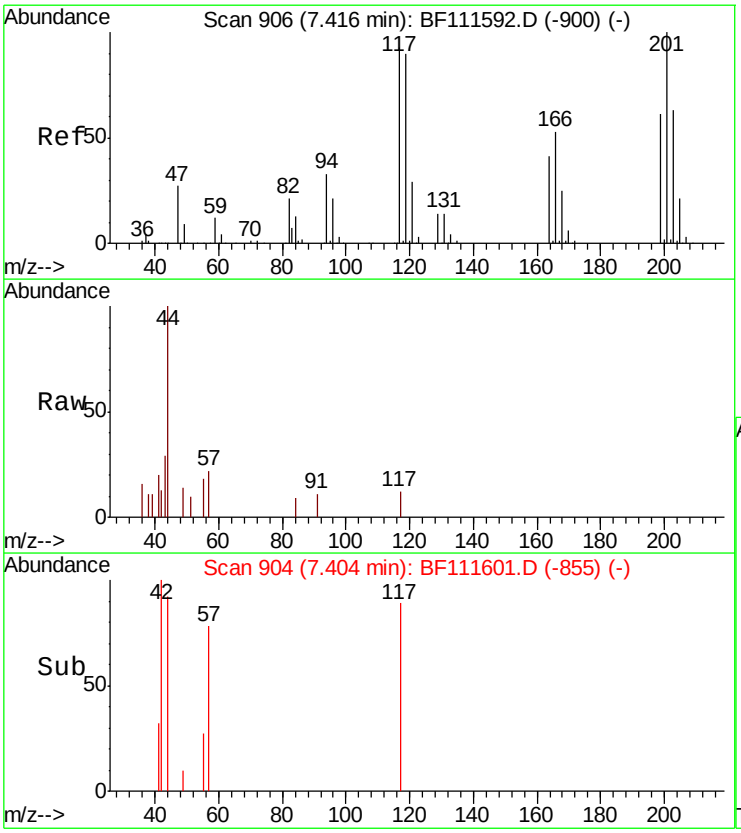
#17
2-Methylphenol
Concen: 0.025 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.12 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:107 Resp: 276

Ion	Ratio	Lower	Upper
107	100		
108	107.6	91.0	136.4
77	138.0	33.5	50.3#
79	138.7	33.3	49.9#

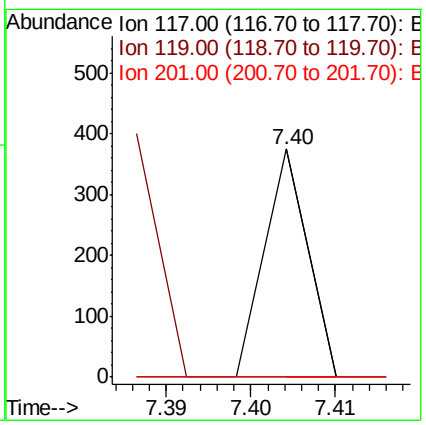


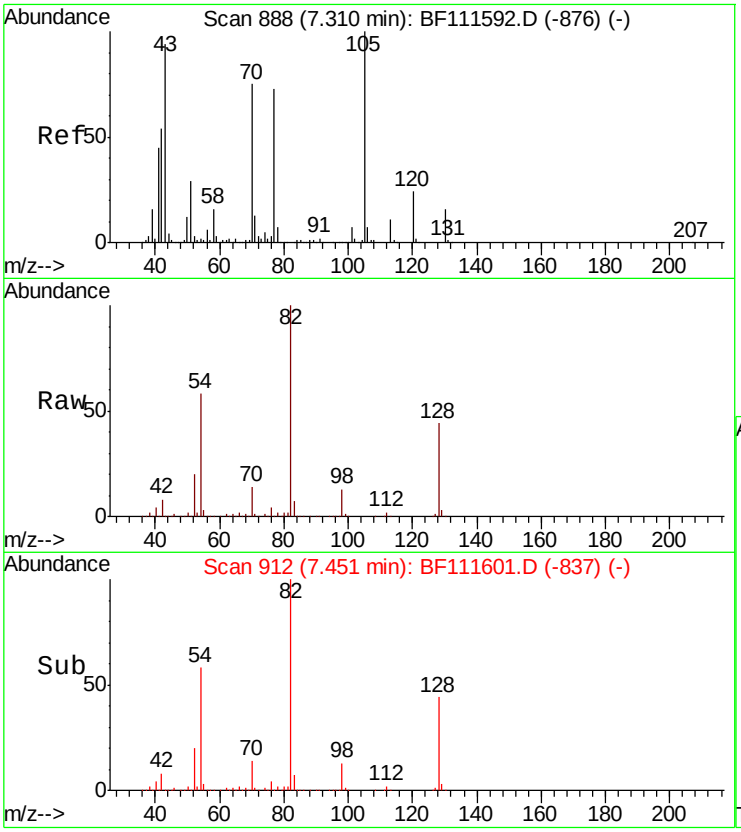


#18
Hexachloroethane
Concen: 0.024 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:117 Resp: 132

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
201	0.0	62.4	93.6#



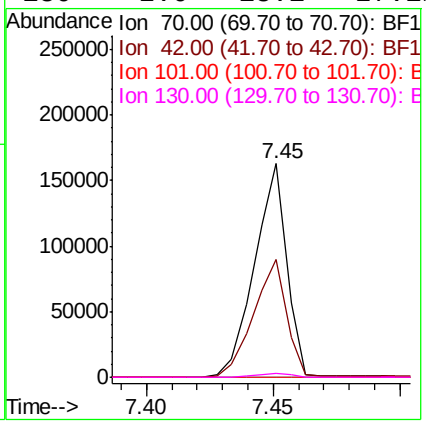


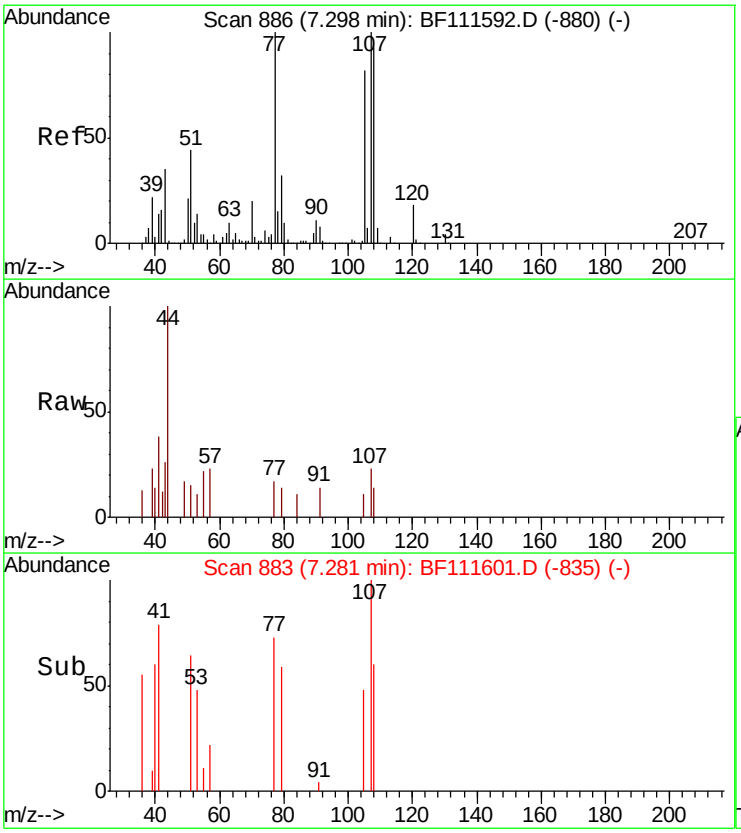
#19
n-Nitroso-di-n-propylamine
Concen: 13.901 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 70 Resp: 144620

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

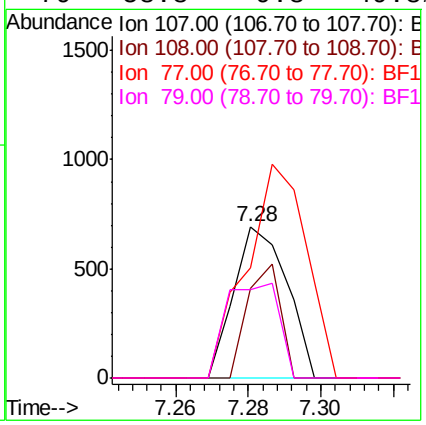


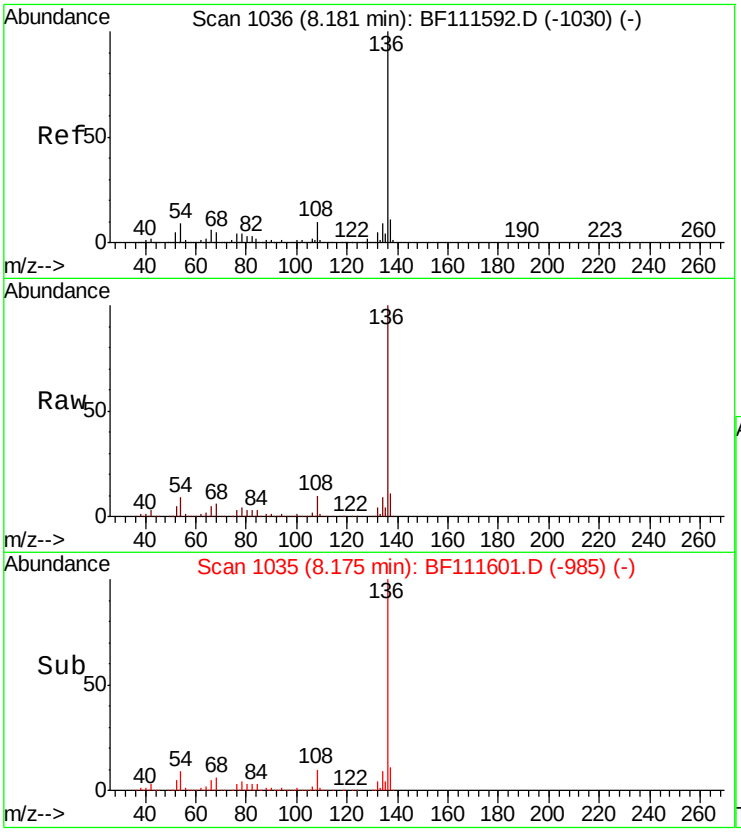


#20
3+4-Methylphenols
Concen: 0.051 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:107 Resp: 702

Ion	Ratio	Lower	Upper
107	100		
108	59.7	72.1	112.1#
77	73.0	94.1	134.1#
79	58.8	9.8	49.8#



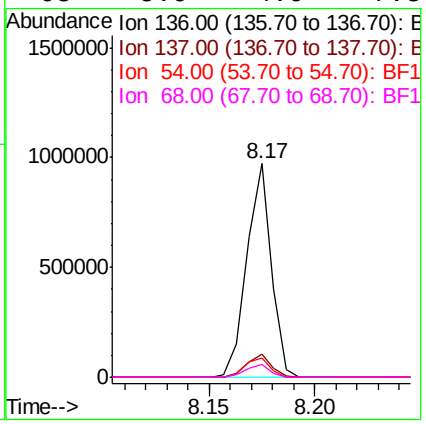


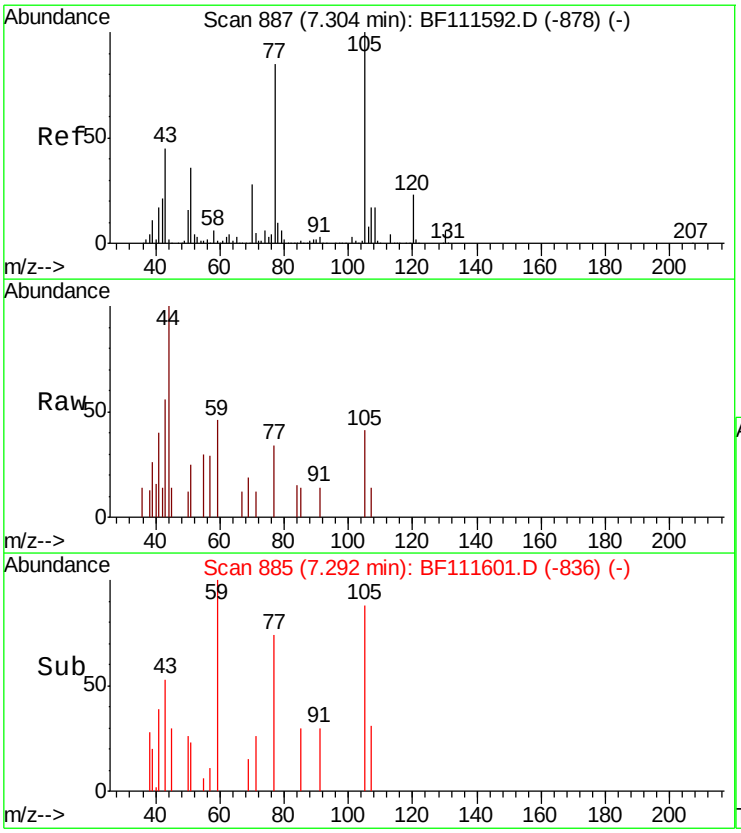
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:136 Resp: 782254

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.1	7.7	11.5
68	5.9	4.9	7.3

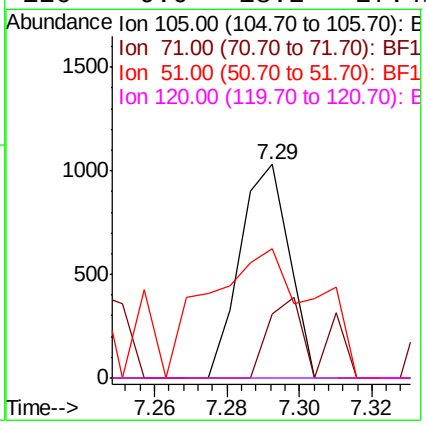


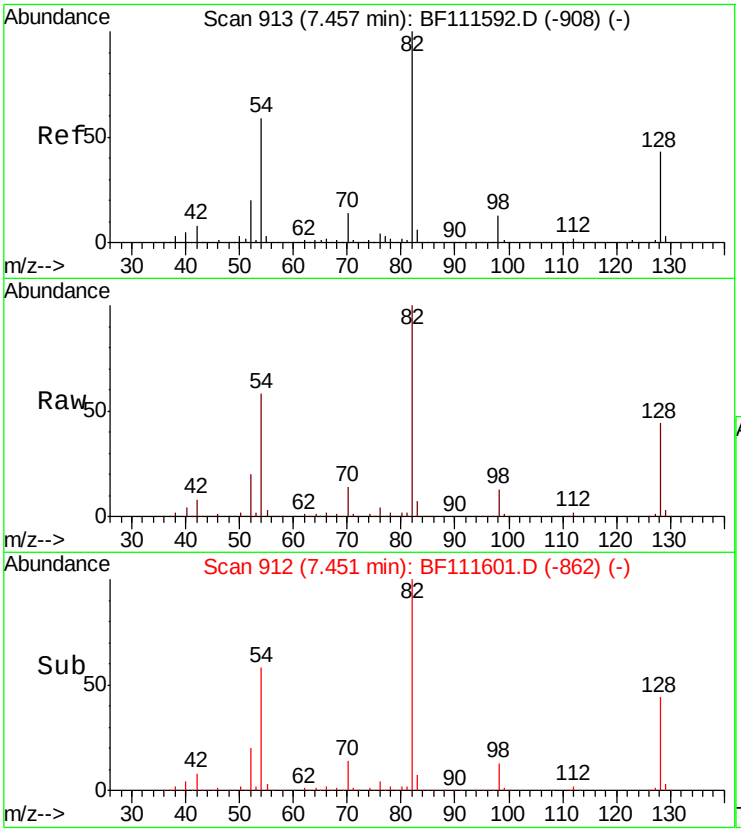


#22
Acetophenone
Concen: 0.049 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:105 Resp: 972

Ion	Ratio	Lower	Upper
105	100		
71	29.8	3.1	4.7#
51	60.7	36.6	54.8#
120	0.0	18.2	27.4#



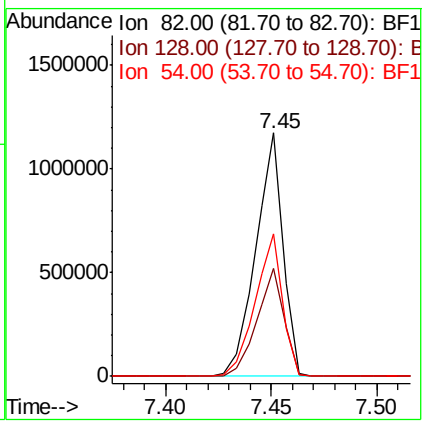


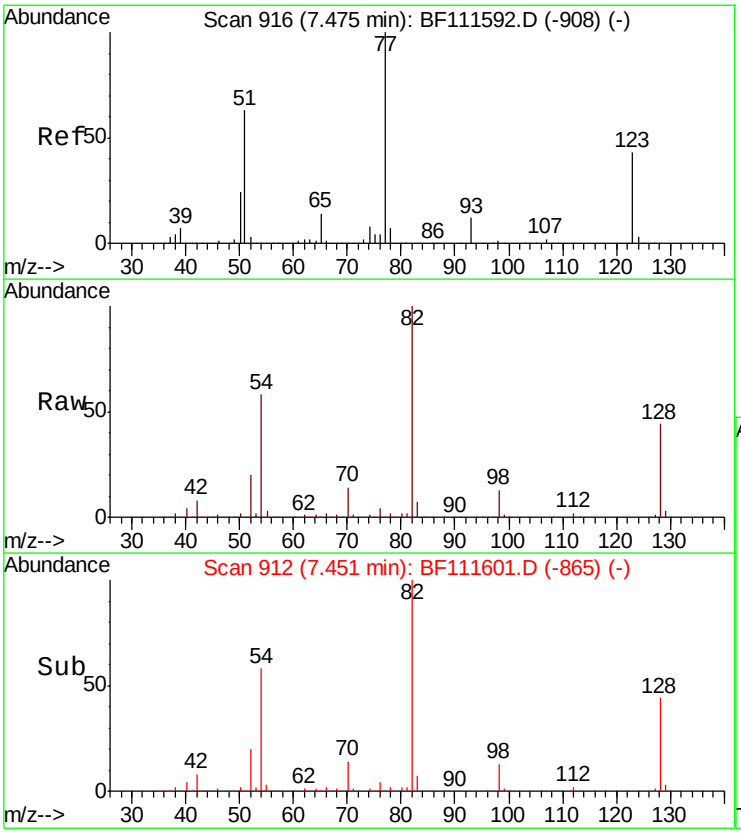
#23
Nitrobenzene-d5
Concen: 78.165 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 82 Resp: 1050465

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	58.4	47.6	71.4

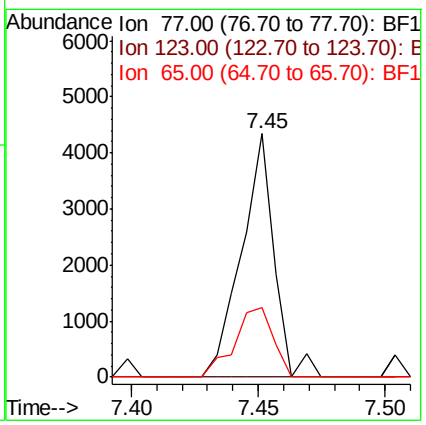


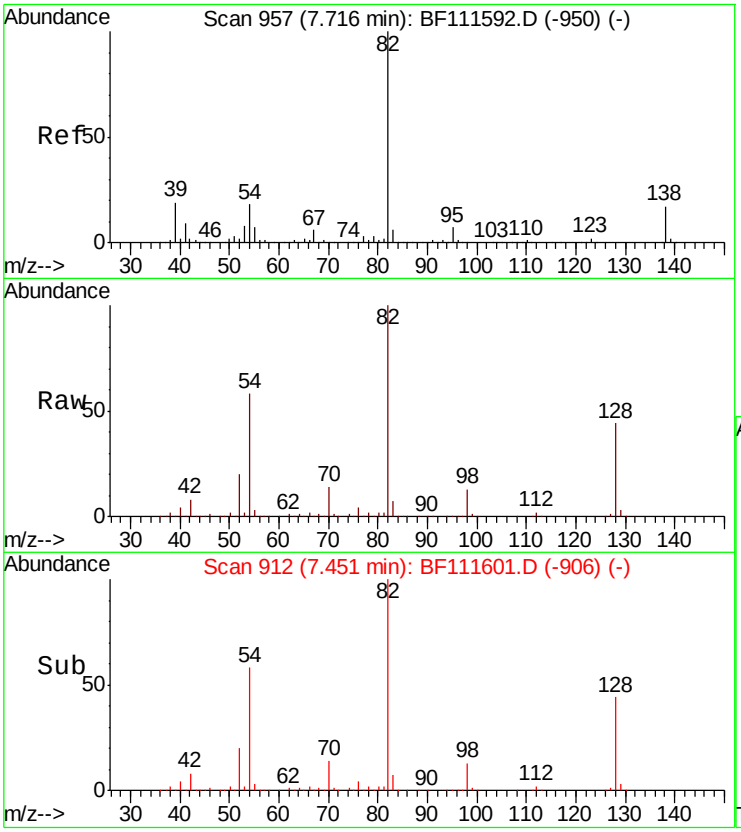


#24
Nitrobenzene
Concen: 0.277 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 77 Resp: 3901

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	28.5	11.5	17.3#



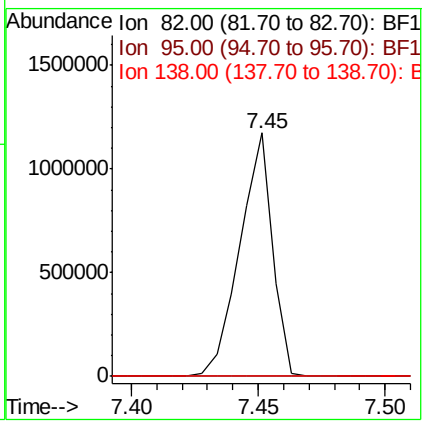


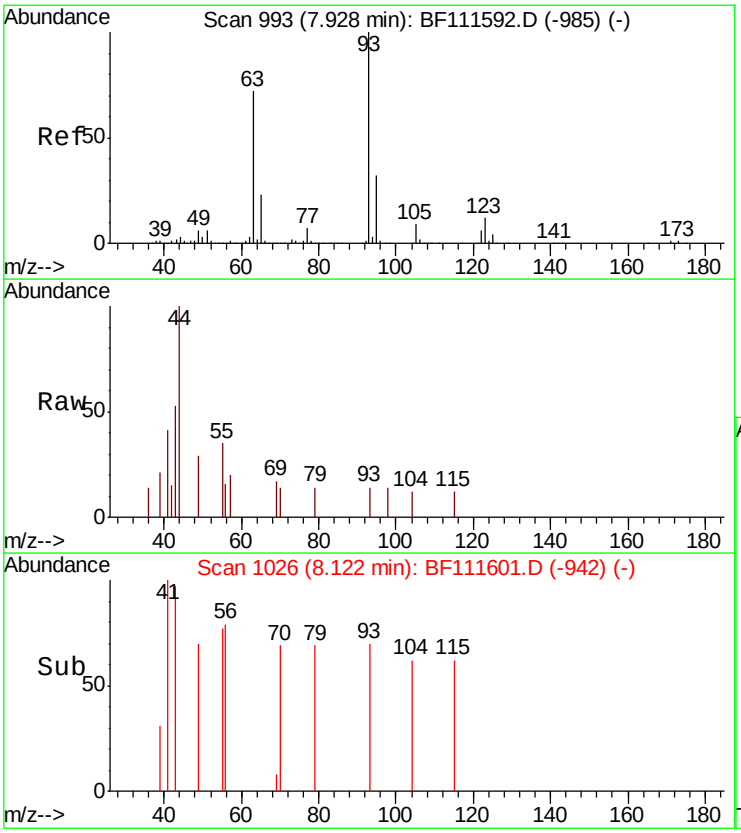
#25
Isophorone
Concen: 43.969 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 82 Resp: 1049007

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

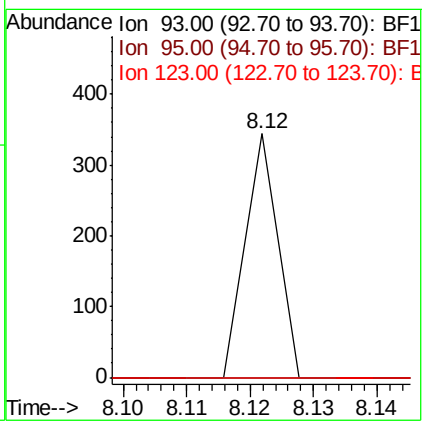


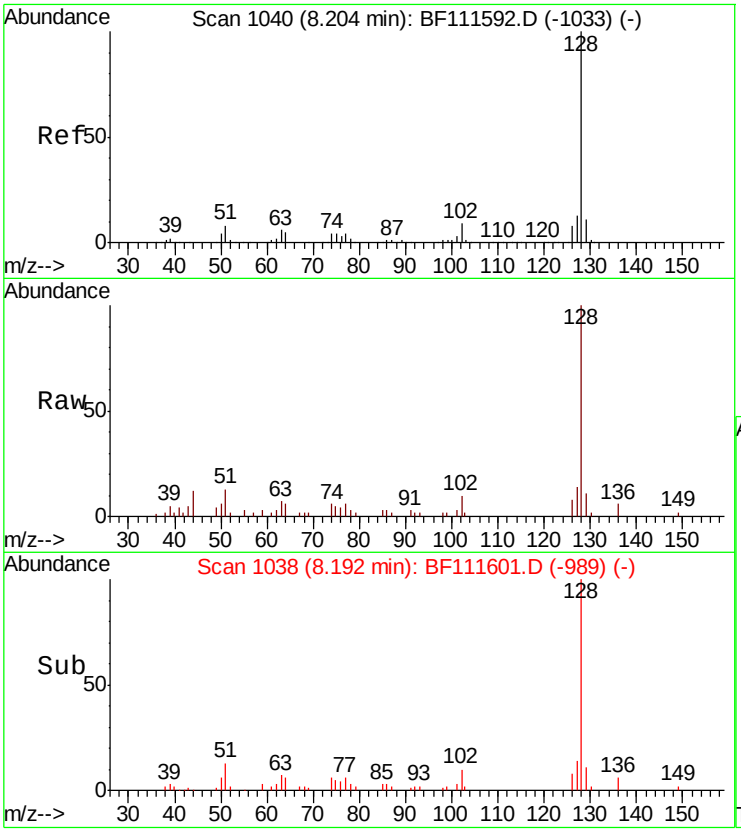


#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.19 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 93 Resp: 121

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.1	40.7#
123	0.0	9.9	14.9#



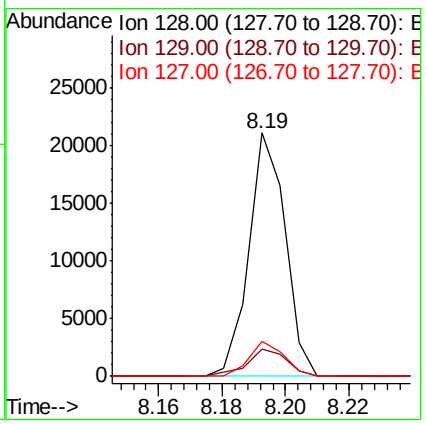


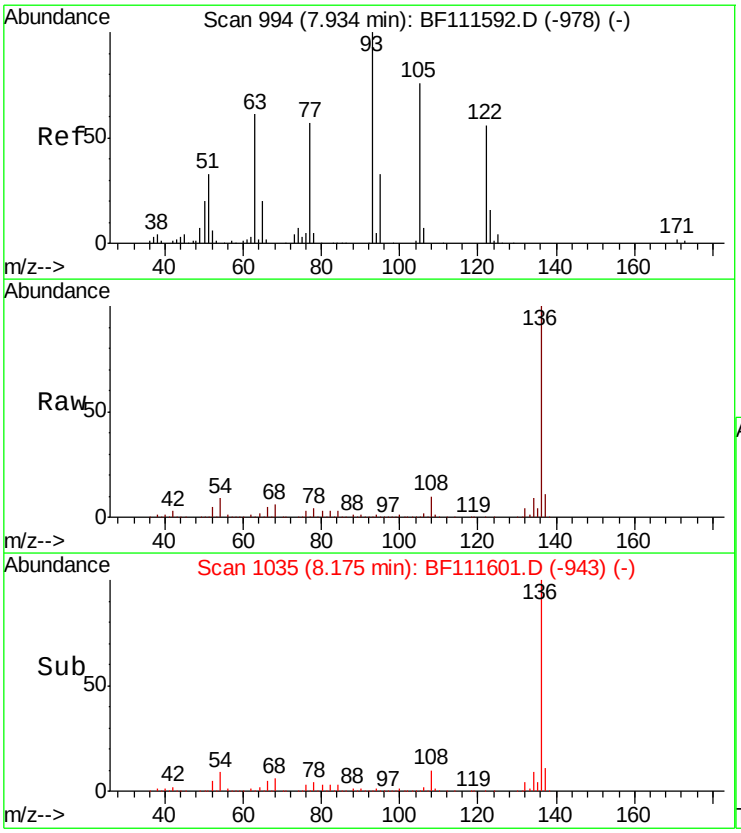
#31
Naphthalene
Concen: 0.446 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:128 Resp: 16764

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	14.3	12.0	18.0

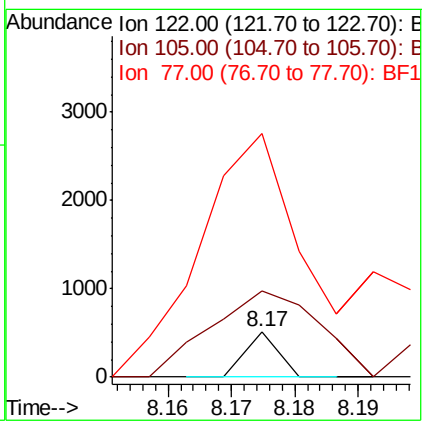


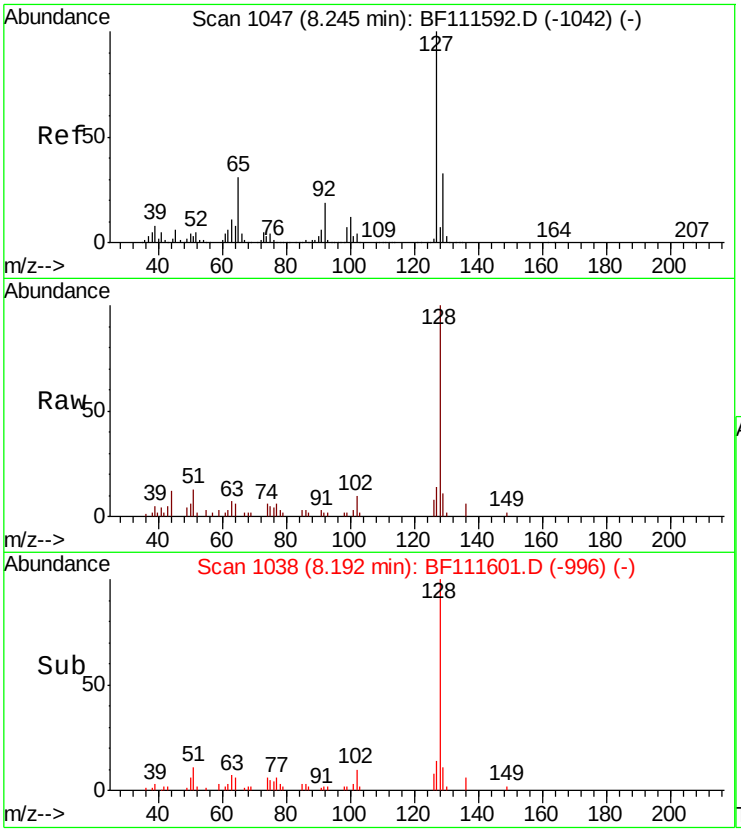


#32
Benzoic acid
Concen: 0.024 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.24 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:122 Resp: 182

Ion	Ratio	Lower	Upper
122	100		
105	188.8	97.0	137.0#
77	534.3	65.7	105.7#



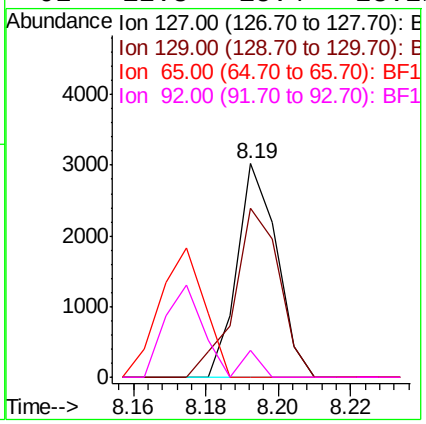


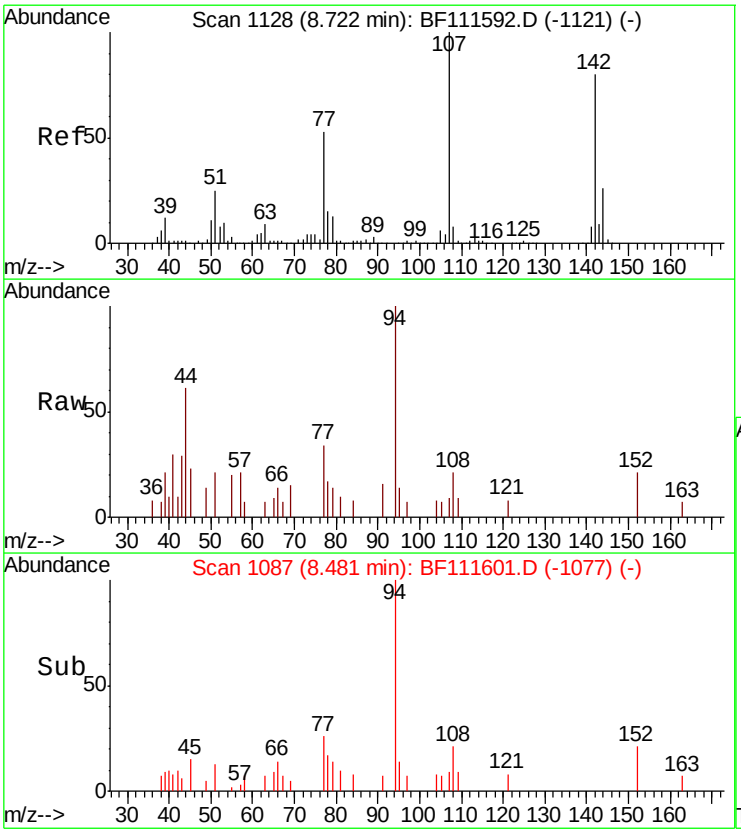
#33
4-Chloroaniline
Concen: 0.142 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:127 Resp: 2302

Ion	Ratio	Lower	Upper
127	100		
129	79.4	26.6	39.8#
65	0.0	25.7	38.5#
92	12.8	15.4	23.2#

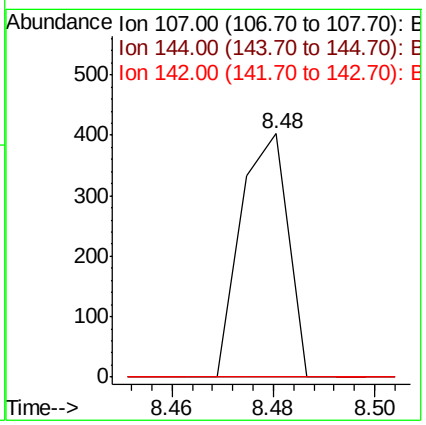


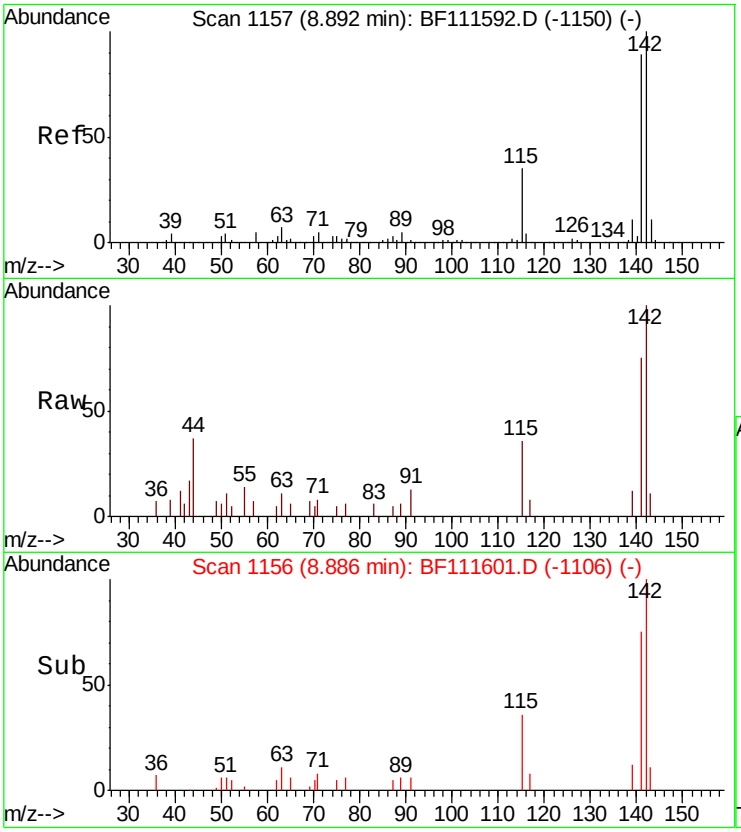


#36
4-Chloro-3-methylphenol
Concen: 0.022 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.24 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:107 Resp: 260

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#



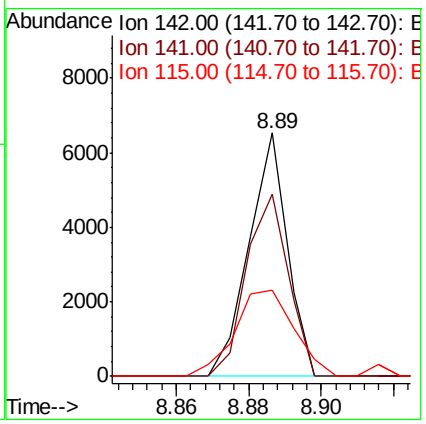


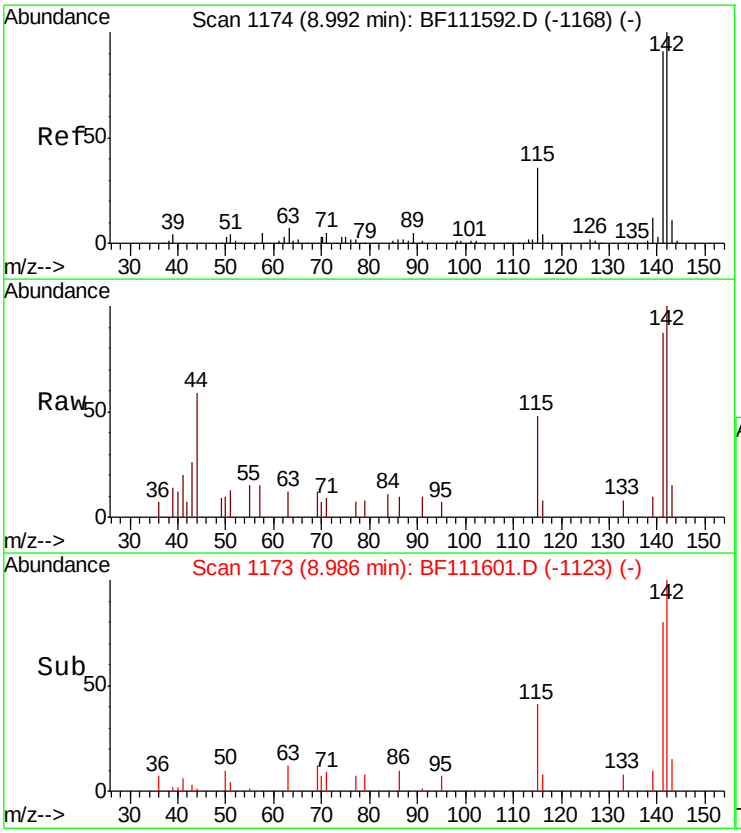
#37
2-Methylnaphthalene
Concen: 0.196 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:142 Resp: 4787

Ion	Ratio	Lower	Upper
142	100		
141	74.6	70.6	105.8
115	35.6	27.0	40.6

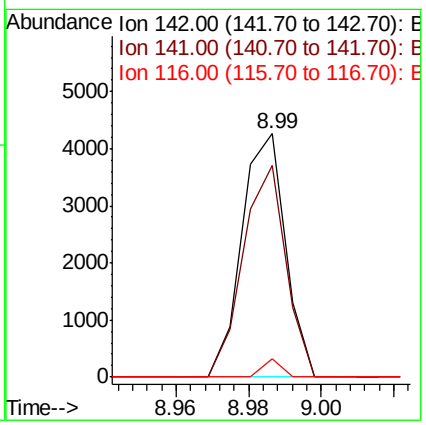


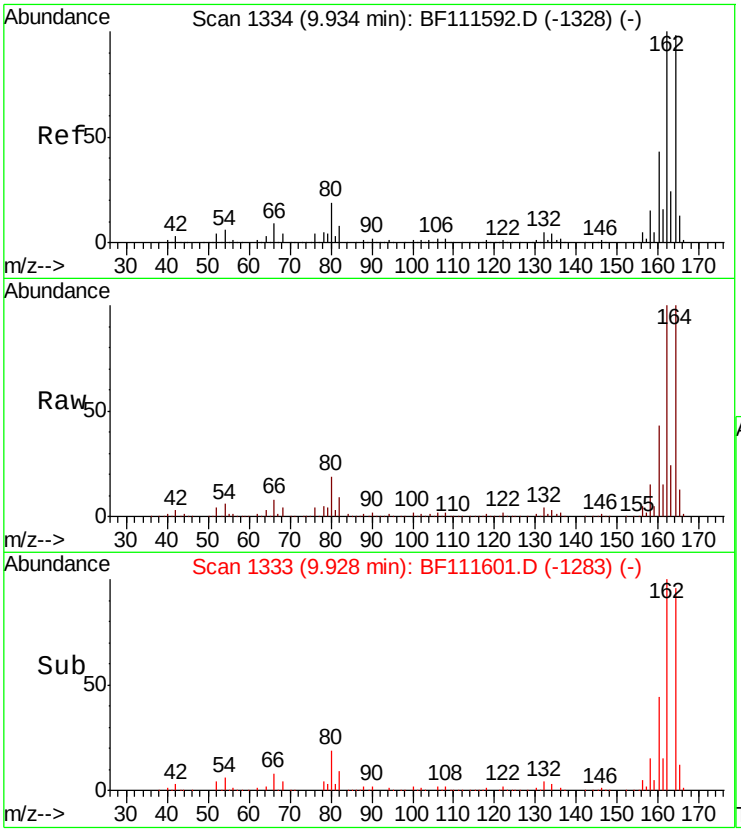


#38
1-Methylnaphthalene
Concen: 0.153 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:142 Resp: 3597

Ion	Ratio	Lower	Upper
142	100		
141	87.2	74.2	111.4
116	7.6	2.9	4.3#



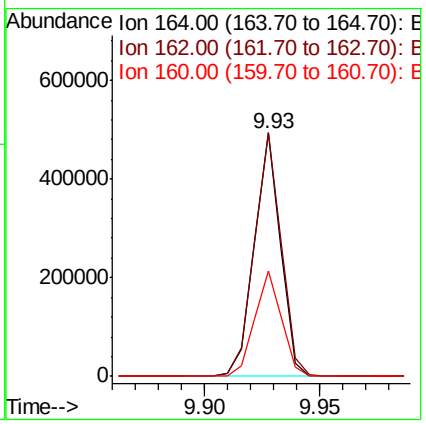


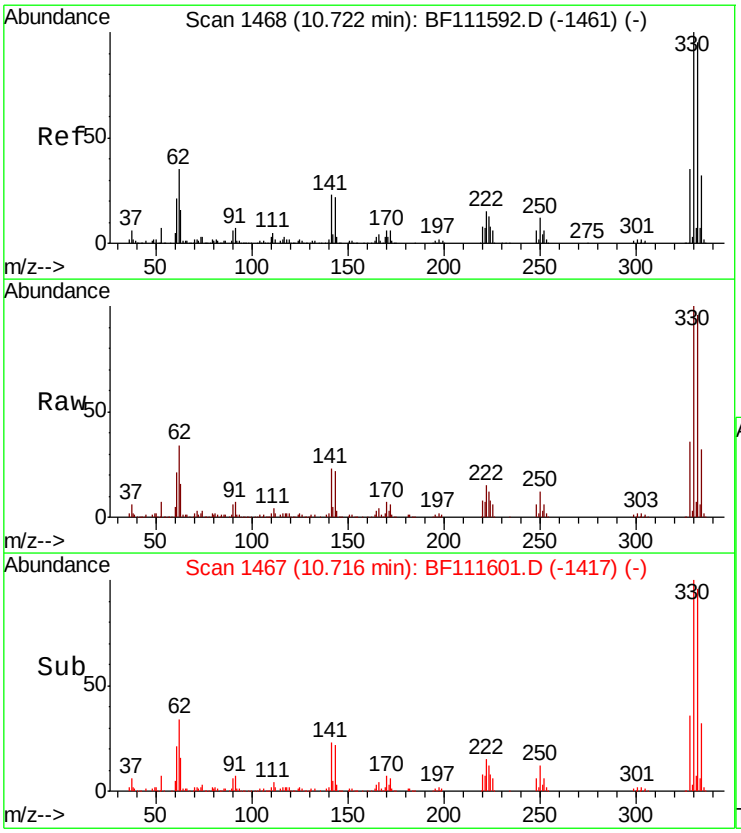
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:164 Resp: 391152

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	43.3	35.7	53.5

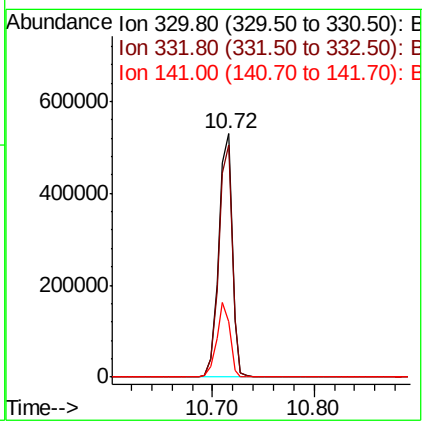


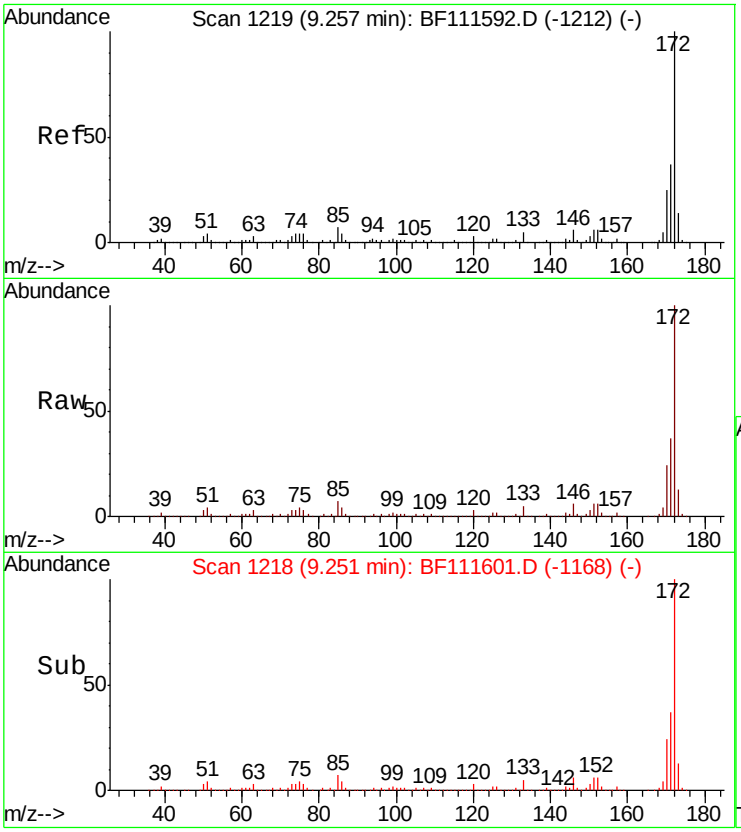


#42
2,4,6-Tribromophenol
Concen: 106.235 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:330 Resp: 490994

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	30.0	31.0	46.6#



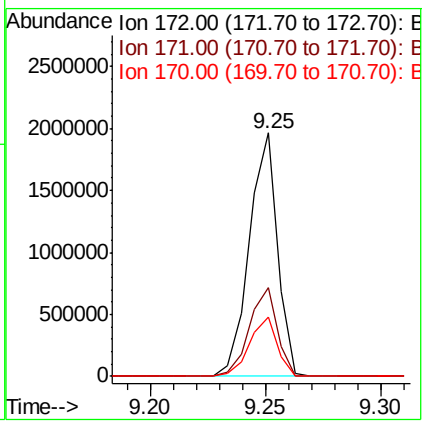


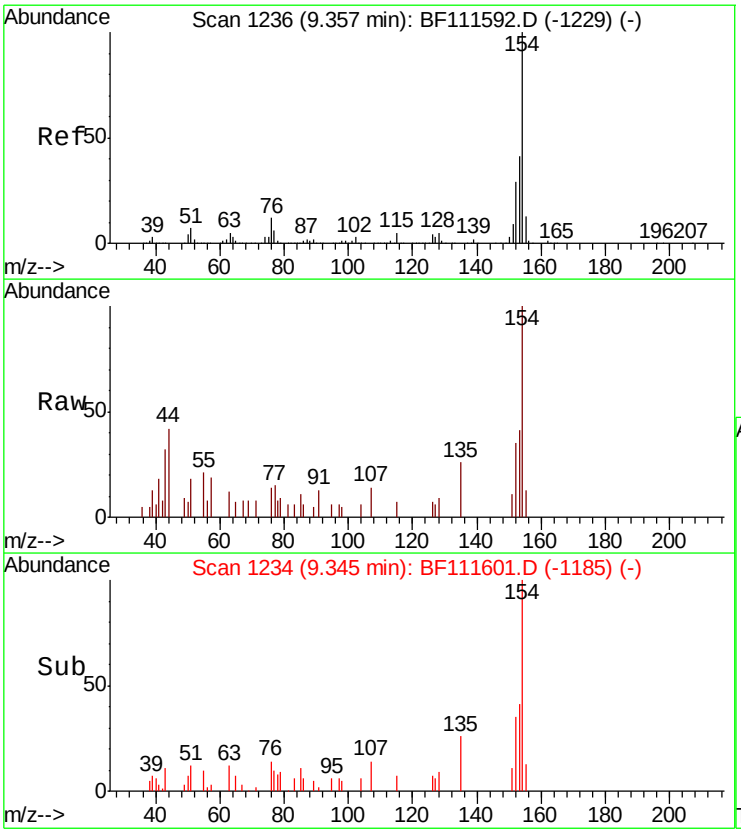
#45
2-Fluorobiphenyl
Concen: 62.483 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:172 Resp: 1676773

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.5	22.3	33.5

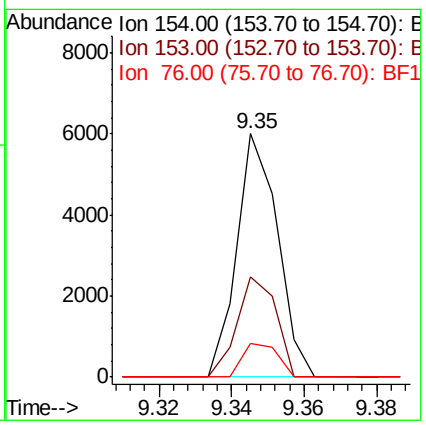


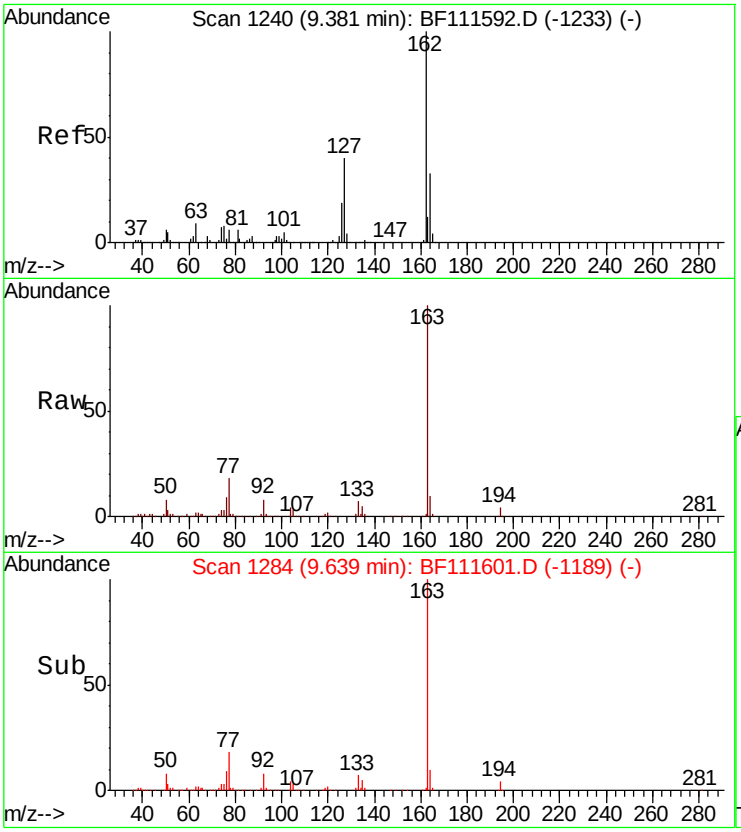


#46
1,1'-Biphenyl
Concen: 0.142 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:154 Resp: 4683

Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.7	63.7
76	13.7	0.0	35.0



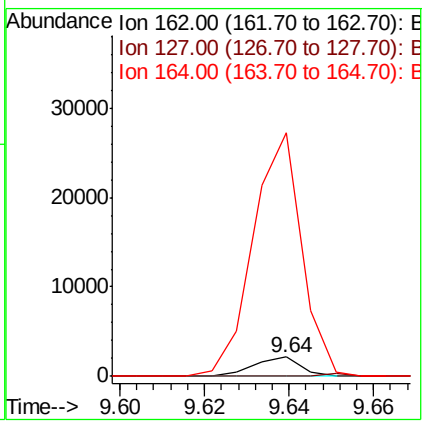


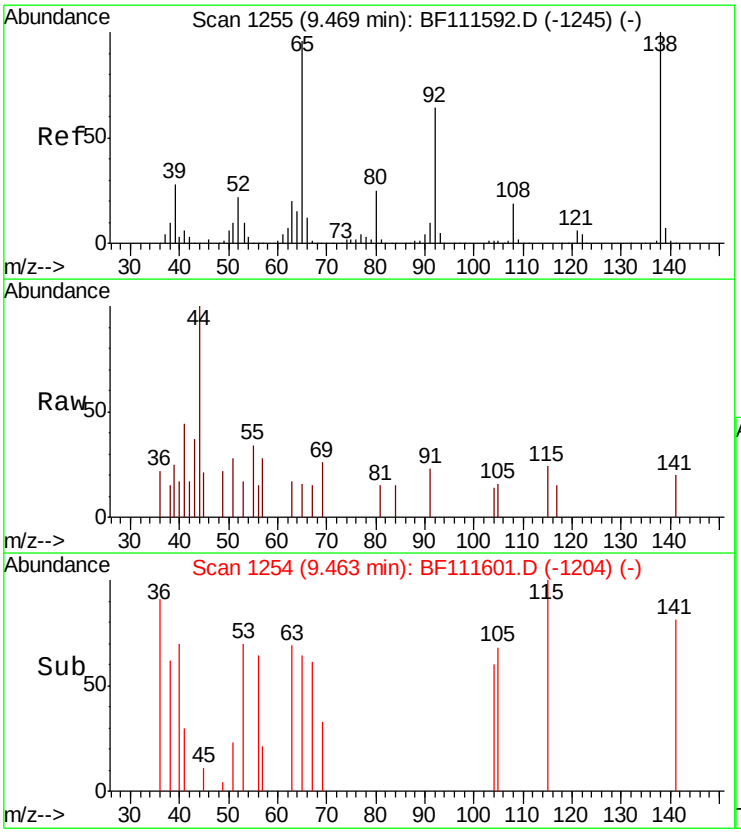
#47
2-Chloronaphthalene
Concen: 0.064 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:162 Resp: 1663

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.0	52.4#
164	1278.5	28.4	42.6#

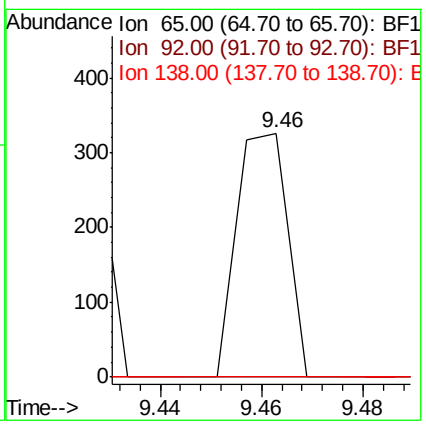


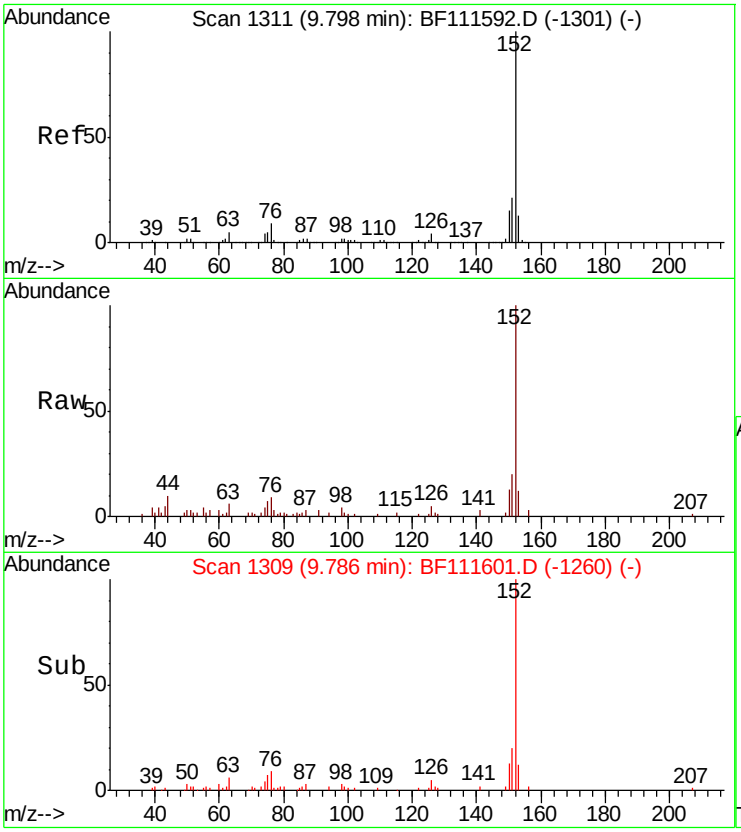


#48
2-Nitroaniline
Concen: 0.033 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion: 65 Resp: 227

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.5	80.3#
138	0.0	80.9	121.3#



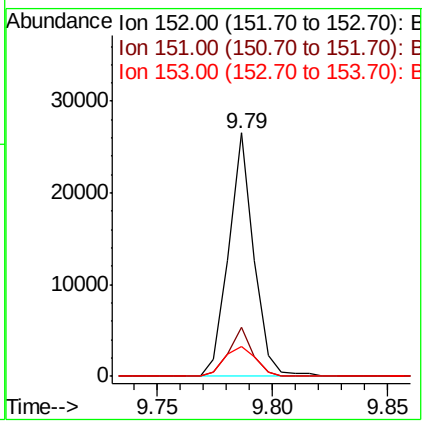


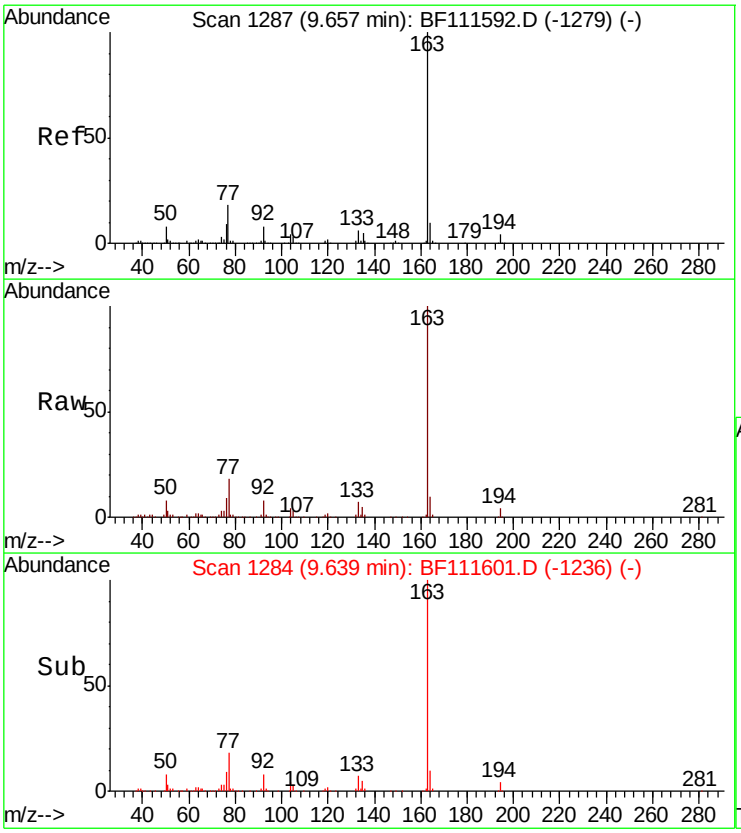
#49
Acenaphthylene
Concen: 0.526 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:152 Resp: 20083

Ion	Ratio	Lower	Upper
152	100		
151	20.1	18.0	27.0
153	12.1	12.3	18.5#

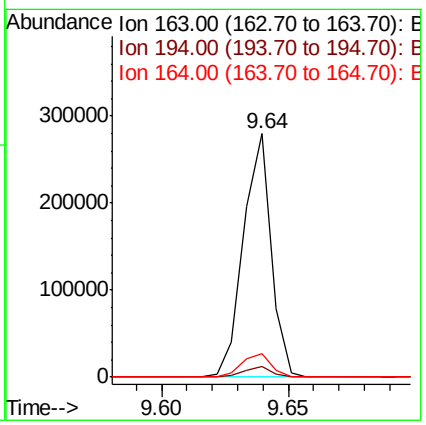


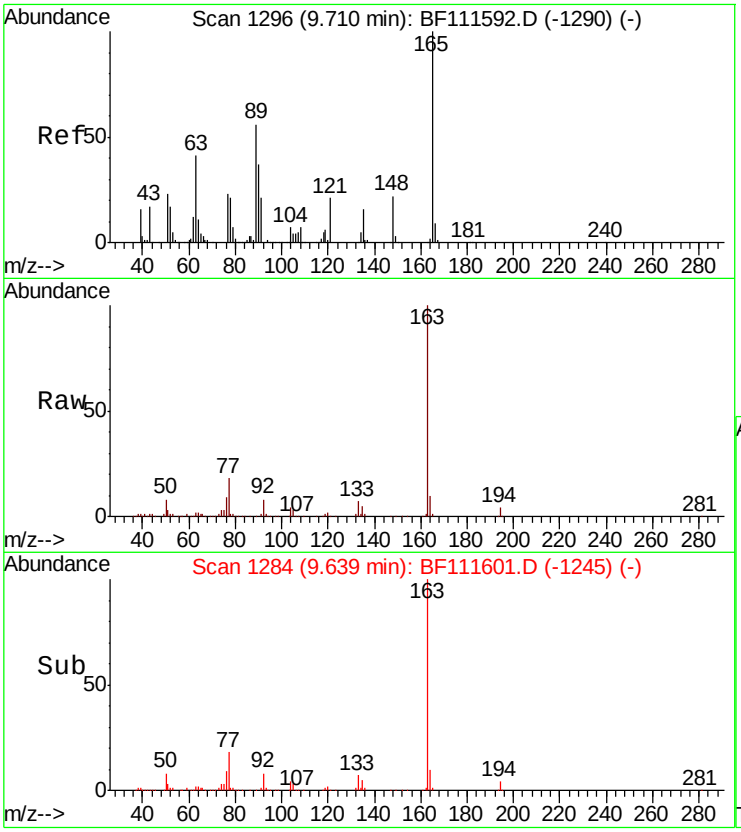


#50
Dimethylphthalate
Concen: 7.434 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:163 Resp: 212646

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.7	8.9	13.3



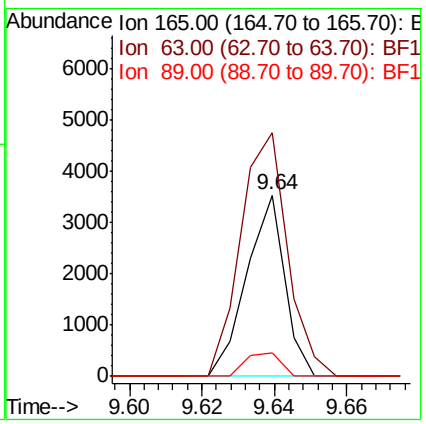


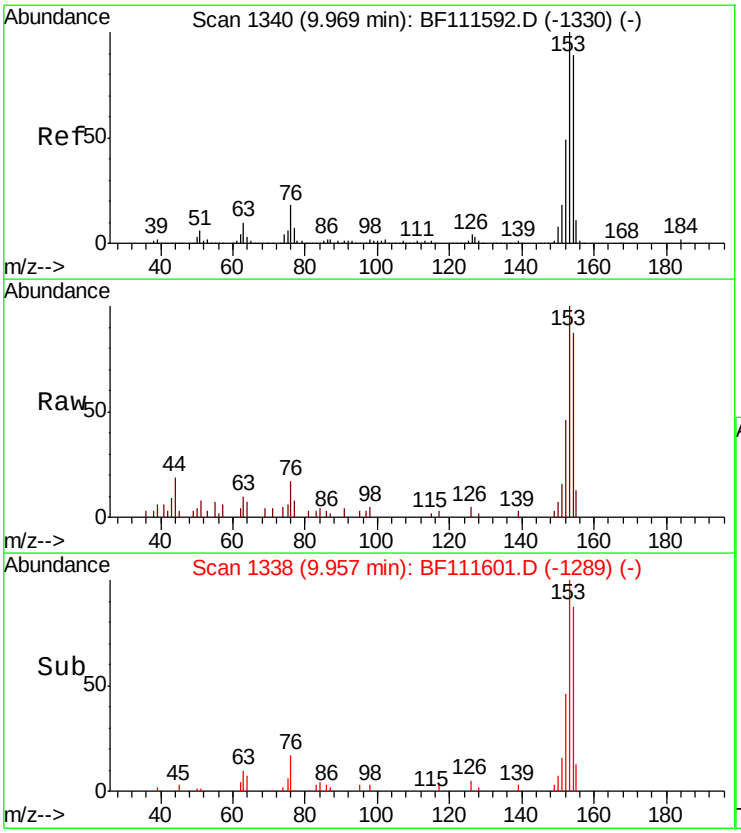
#51
2,6-Dinitrotoluene
Concen: 0.450 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:165 Resp: 2565

Ion	Ratio	Lower	Upper
165	100		
63	134.6	40.5	60.7#
89	13.0	40.0	60.0#

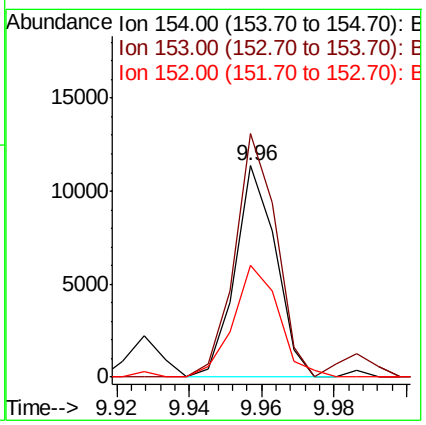


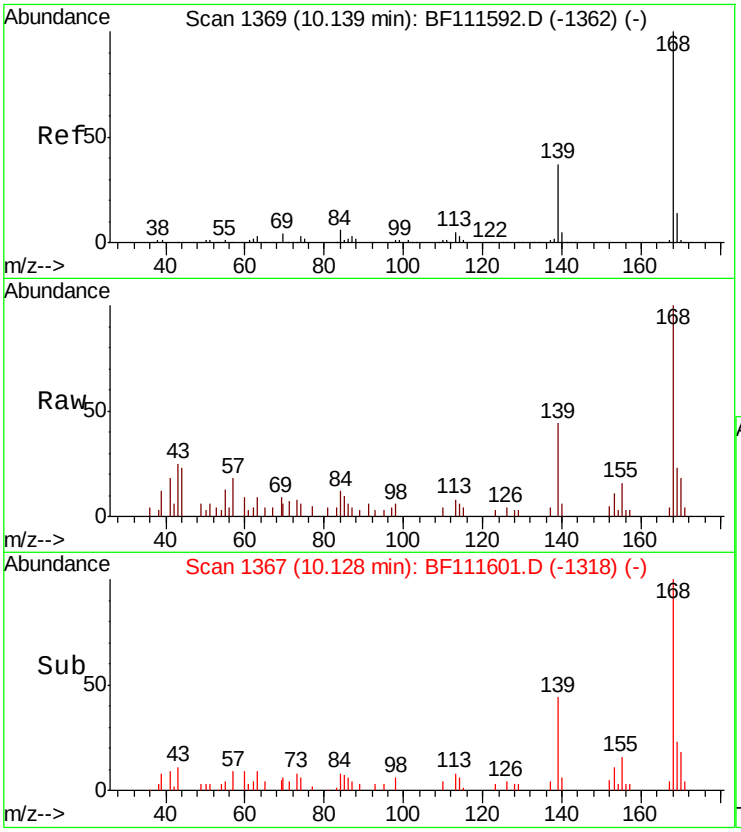


#52
Acenaphthene
Concen: 0.377 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:154 Resp: 8889

Ion	Ratio	Lower	Upper
154	100		
153	115.1	87.8	131.8
152	53.1	43.4	65.2



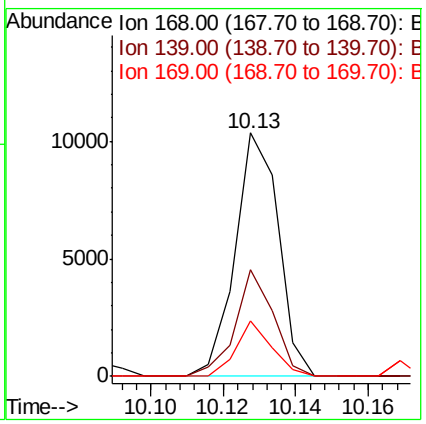


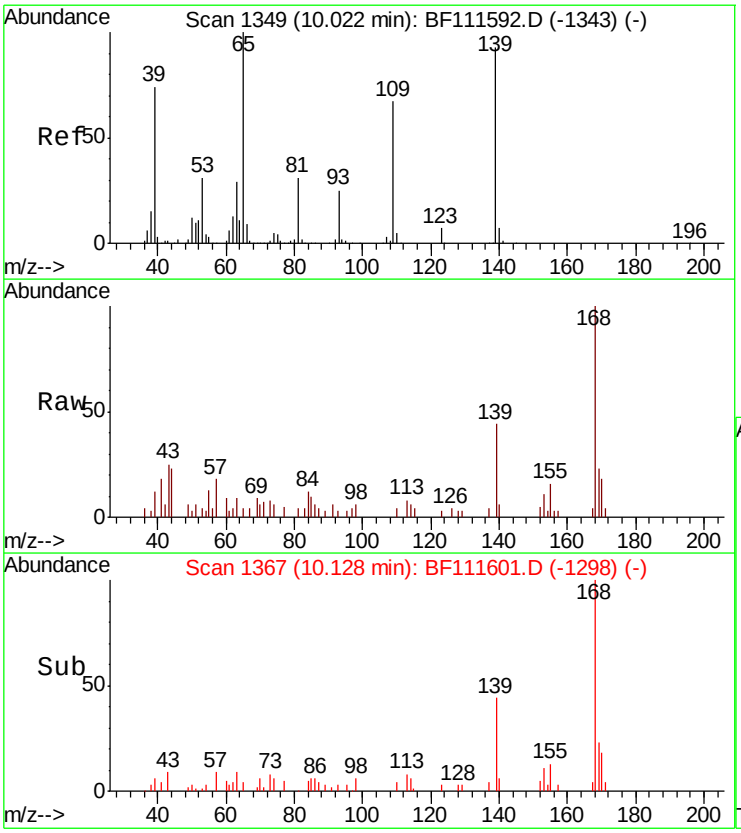
#55
Dibenzofuran
Concen: 0.243 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:168 Resp: 8637

Ion	Ratio	Lower	Upper
168	100		
139	43.8	32.6	49.0
169	22.6	11.8	17.6#

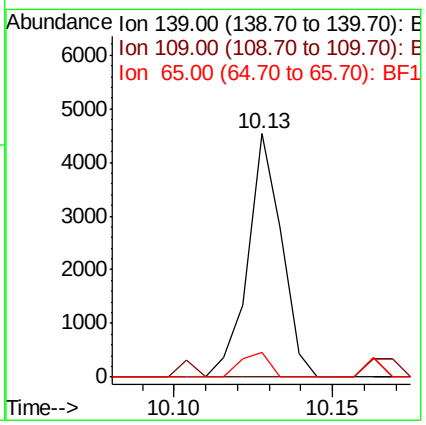


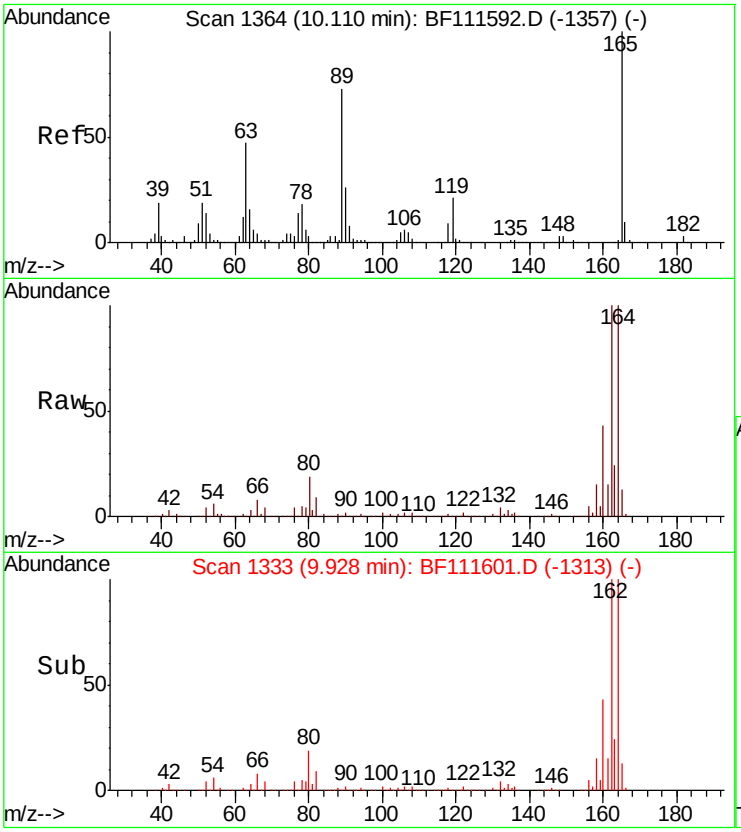


#56
4-Nitrophenol
Concen: 0.721 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:139 Resp: 3346

Ion	Ratio	Lower	Upper
139	100		
109	0.0	41.8	81.8#
65	10.1	79.6	119.6#



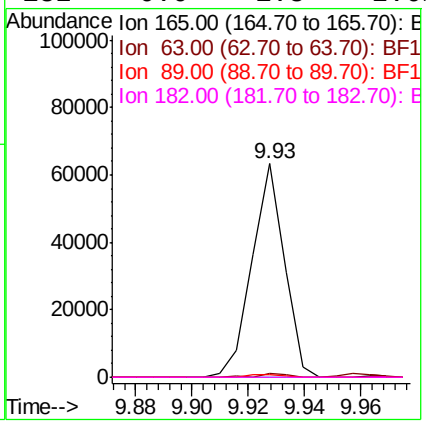


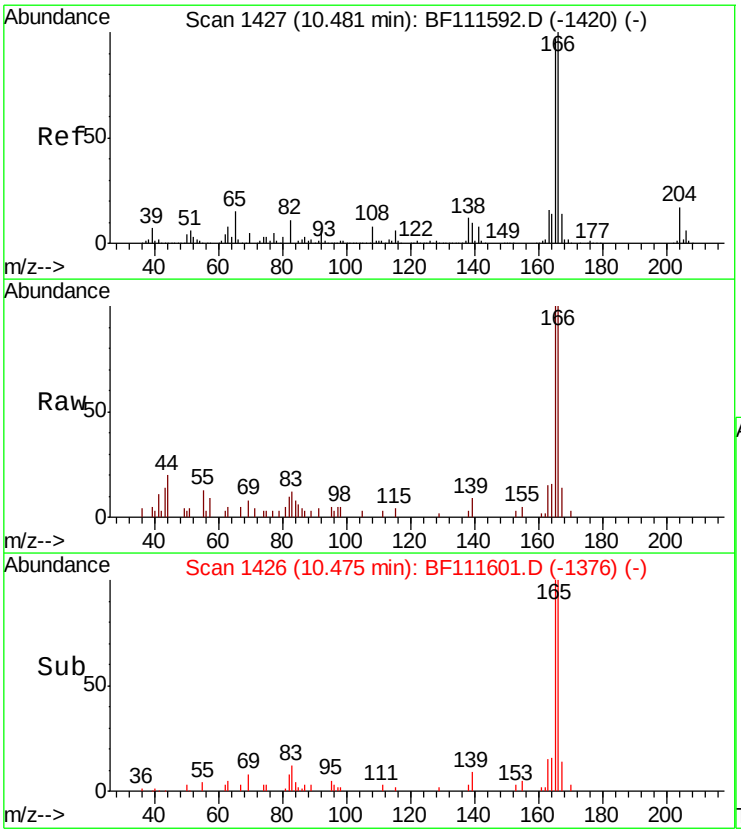
#57
2,4-Dinitrotoluene
Concen: 7.348 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:165 Resp: 50371

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

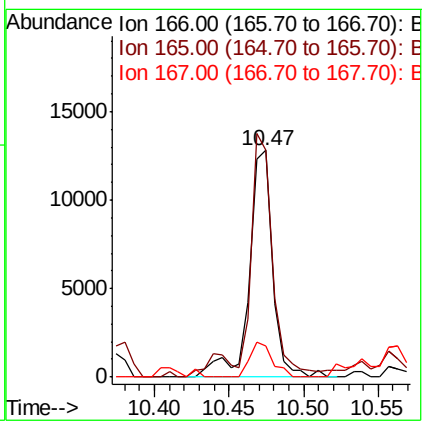


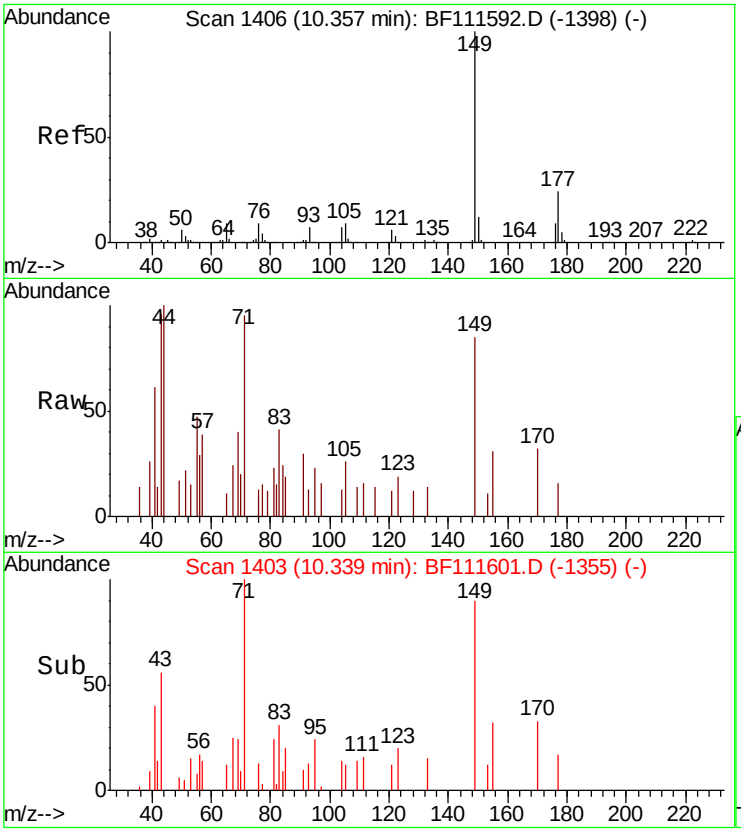


#58
Fluorene
Concen: 0.538 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:166 Resp: 13808

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.4	117.6
167	13.7	11.2	16.8



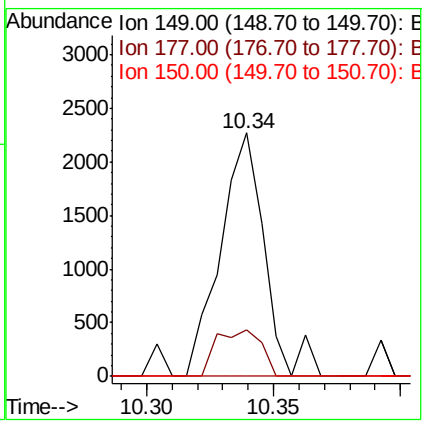


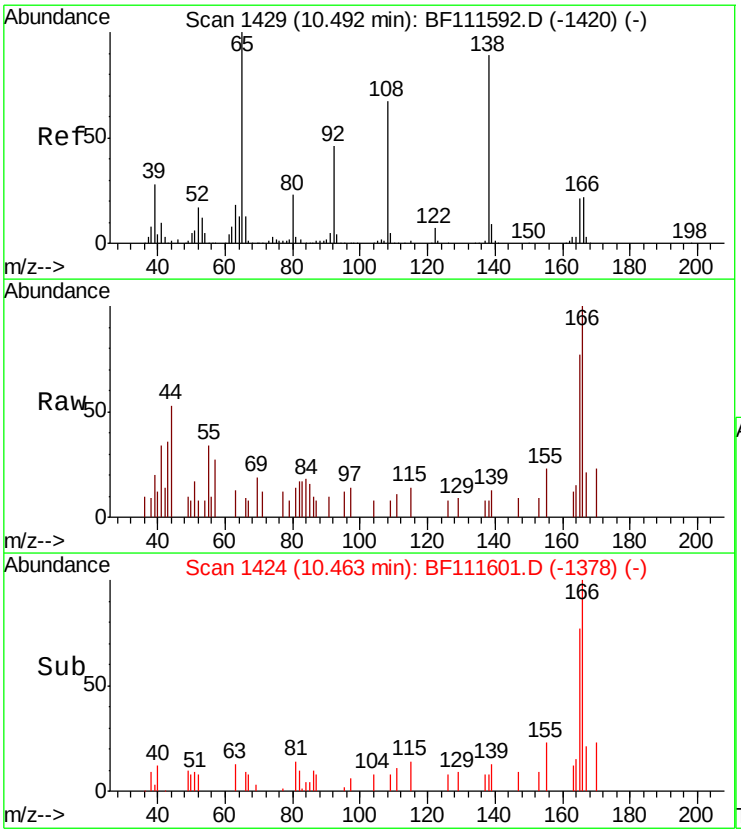
#60
Diethylphthalate
Concen: 0.098 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:149 Resp: 2754

Ion	Ratio	Lower	Upper
149	100		
177	19.3	18.3	27.5
150	0.0	10.6	15.8#

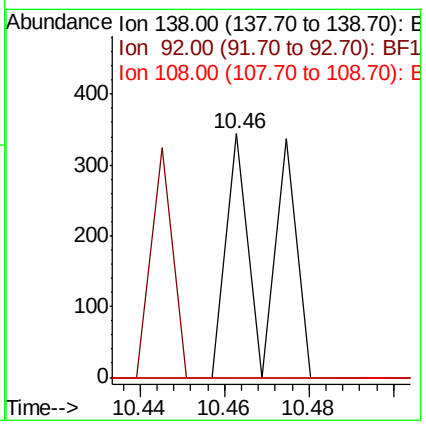


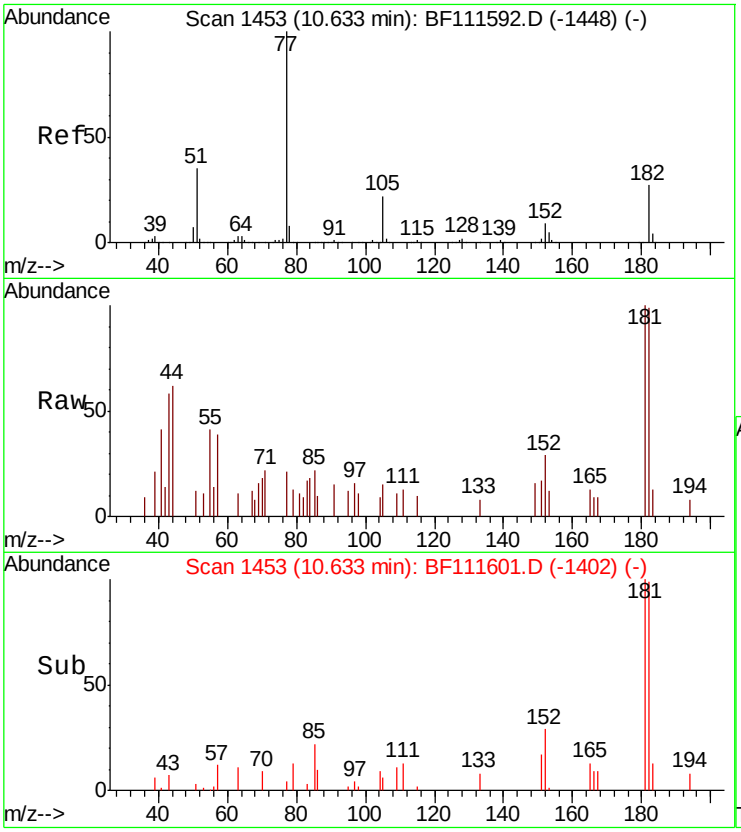


#62
4-Nitroaniline
Concen: 0.041 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:138 Resp: 240

Ion	Ratio	Lower	Upper
138	100		
92	0.0	29.9	69.9#
108	0.0	43.2	83.2#



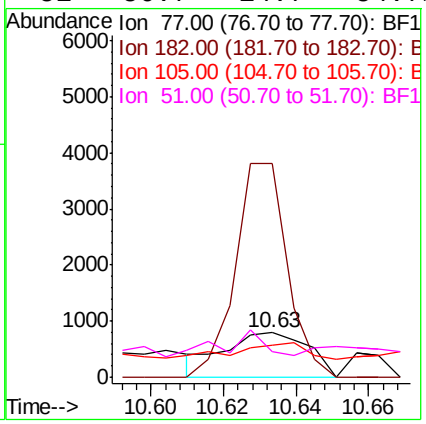


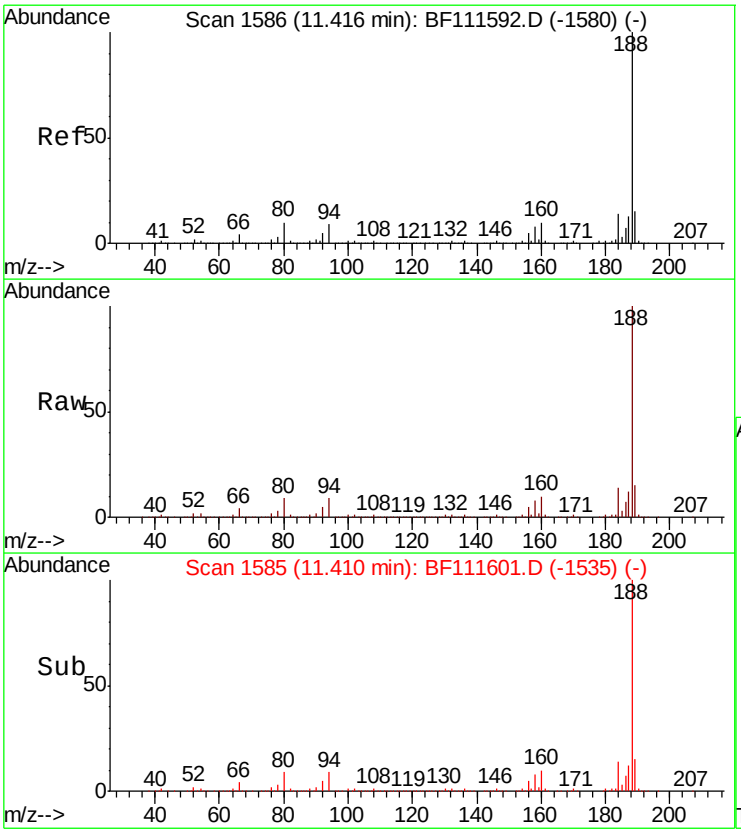
#63
Azobenzene
Concen: 0.046 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 77 Resp: 1287

Ion	Ratio	Lower	Upper
77	100		
182	477.5	4.9	44.9#
105	72.4	6.0	46.0#
51	56.7	14.7	54.7#

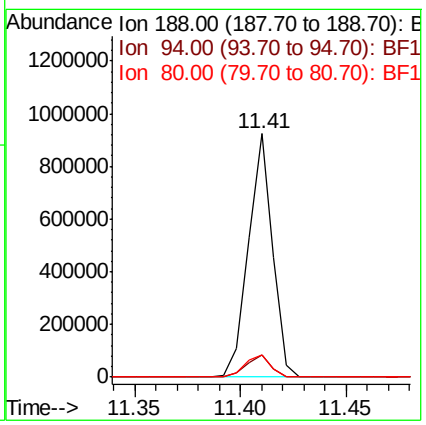


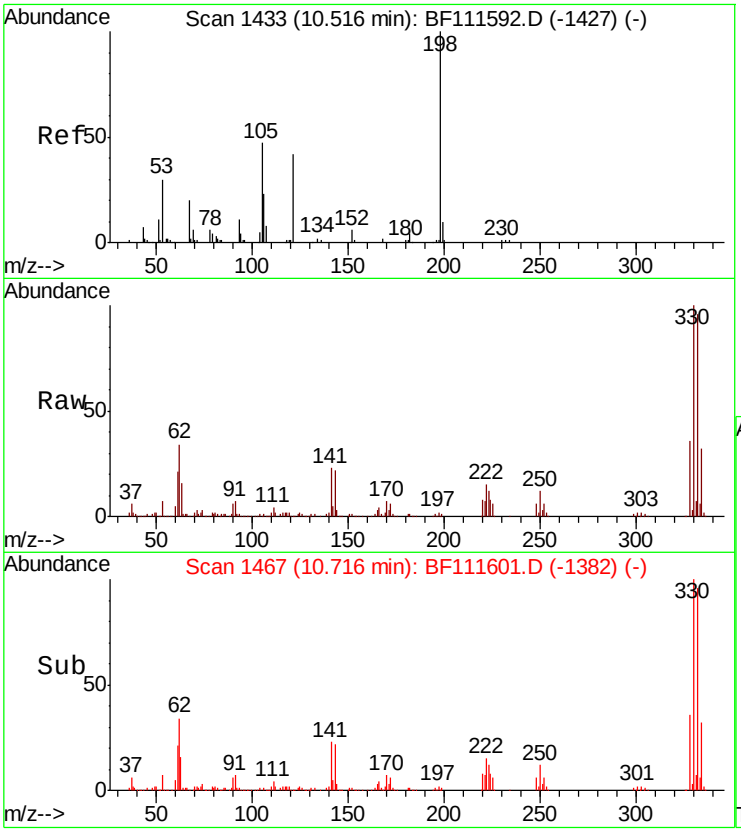


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:188 Resp: 731323

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.3	9.8	14.6#



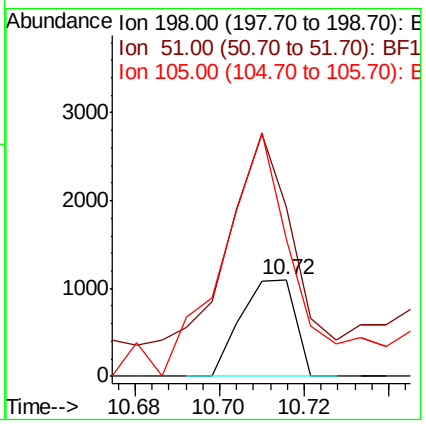


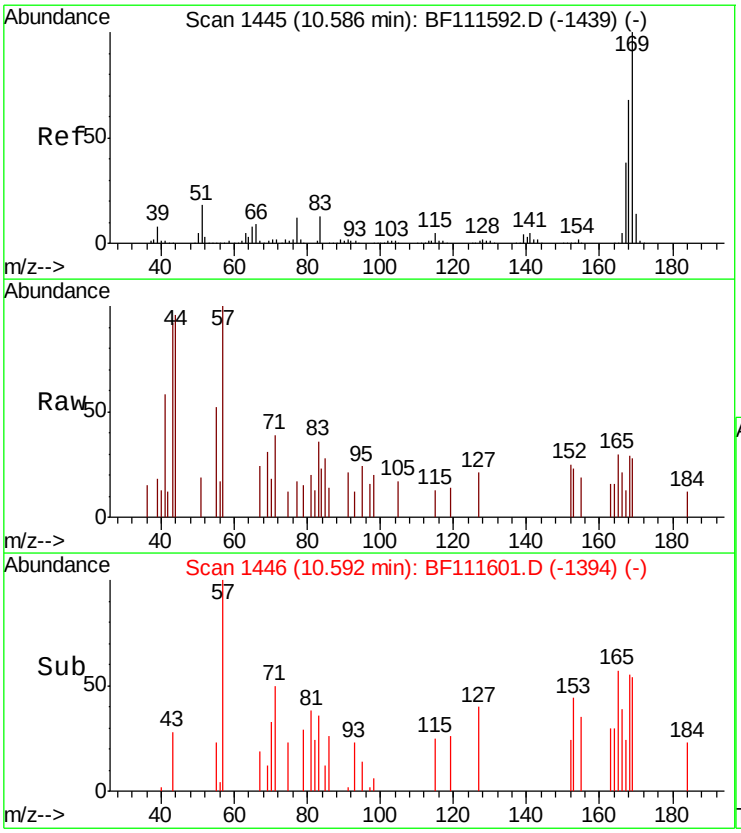
#65
4,6-Dinitro-2-methylphenol
Concen: 6.973 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:198 Resp: 984

Ion	Ratio	Lower	Upper
198	100		
51	175.0	48.0	88.0#
105	142.5	34.0	74.0#

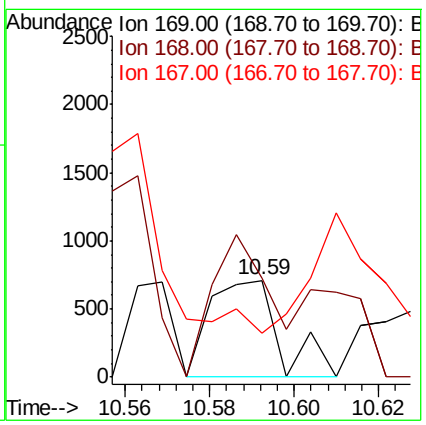


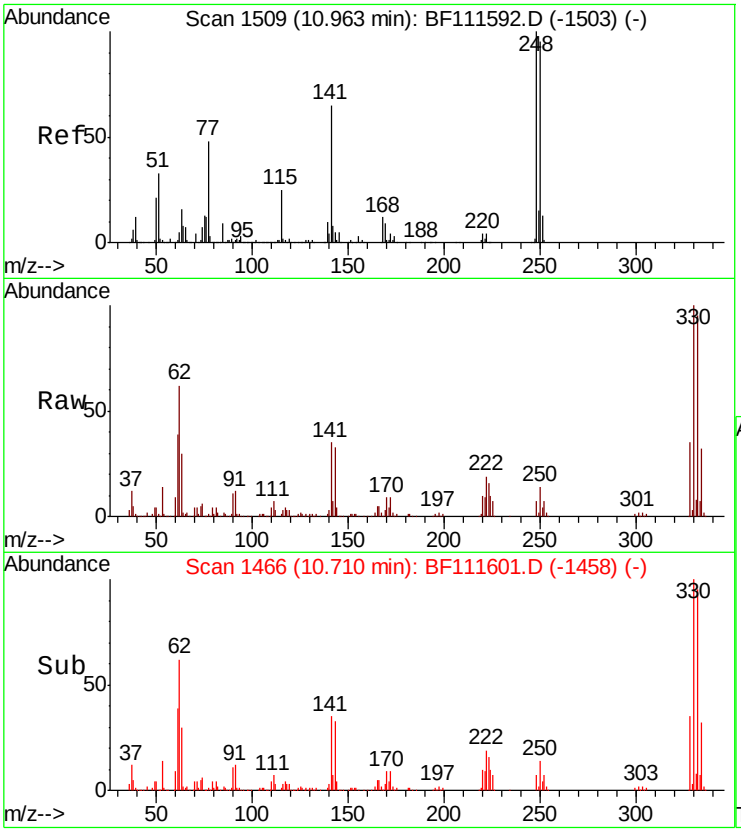


#66
n-Nitrosodiphenylamine
Concen: 0.033 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:169 Resp: 818

Ion	Ratio	Lower	Upper
169	100		
168	101.8	54.4	81.6#
167	44.7	30.5	45.7



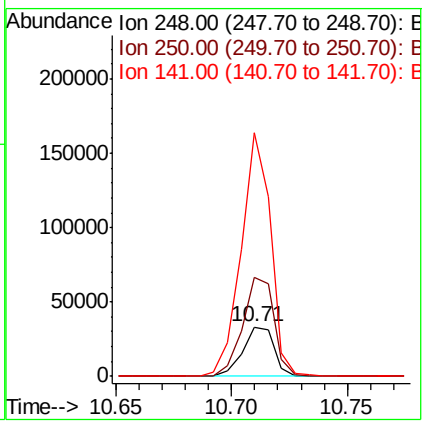


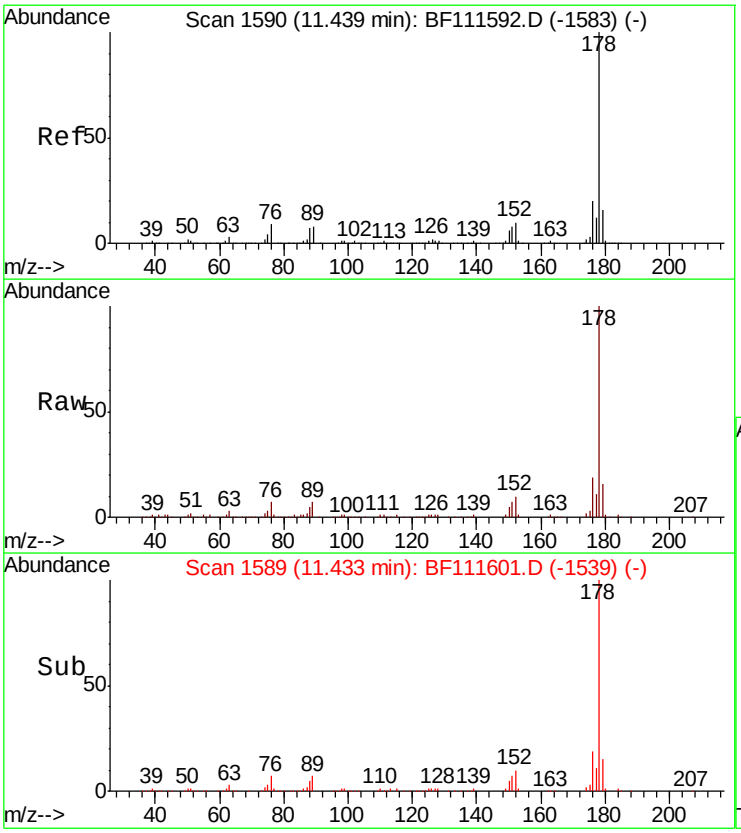
#67
4-Bromophenyl-phenylether
Concen: 3.496 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:248 Resp: 31710

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.0	115.4#
141	490.0	63.0	94.6#

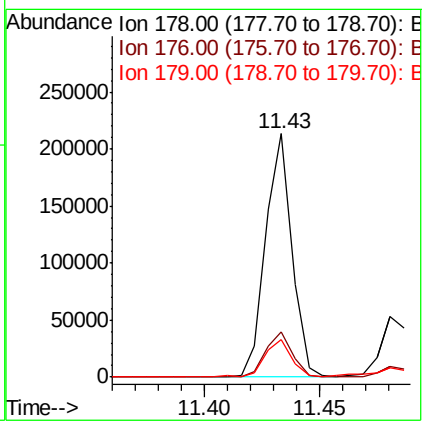


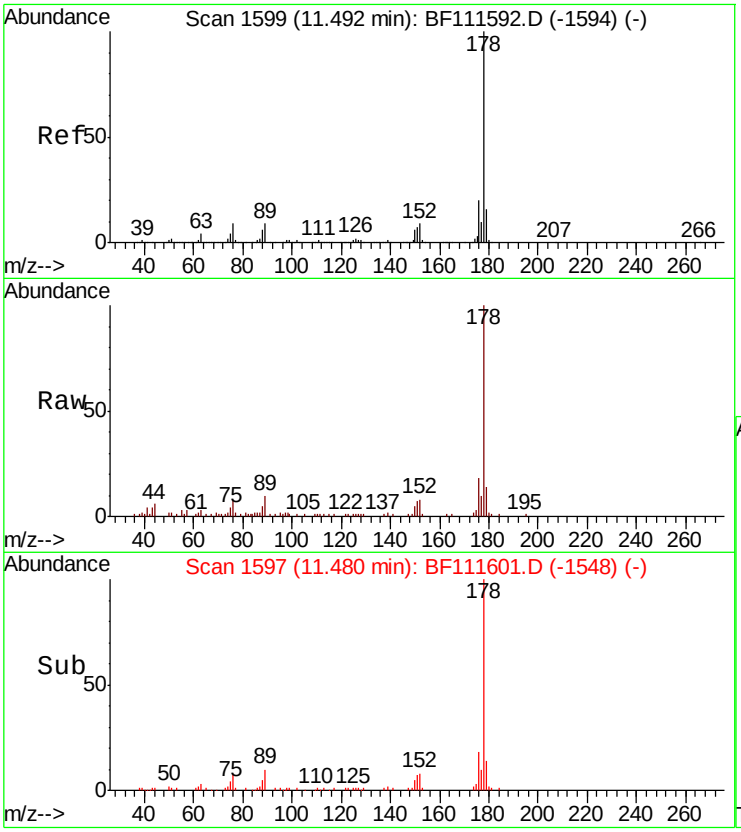


#71
Phenanthrene
Concen: 4.380 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:178 Resp: 169895

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.6	14.0	21.0



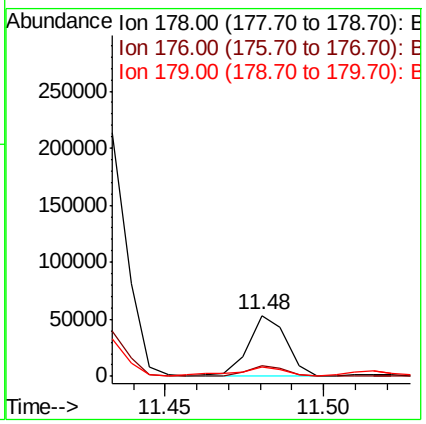


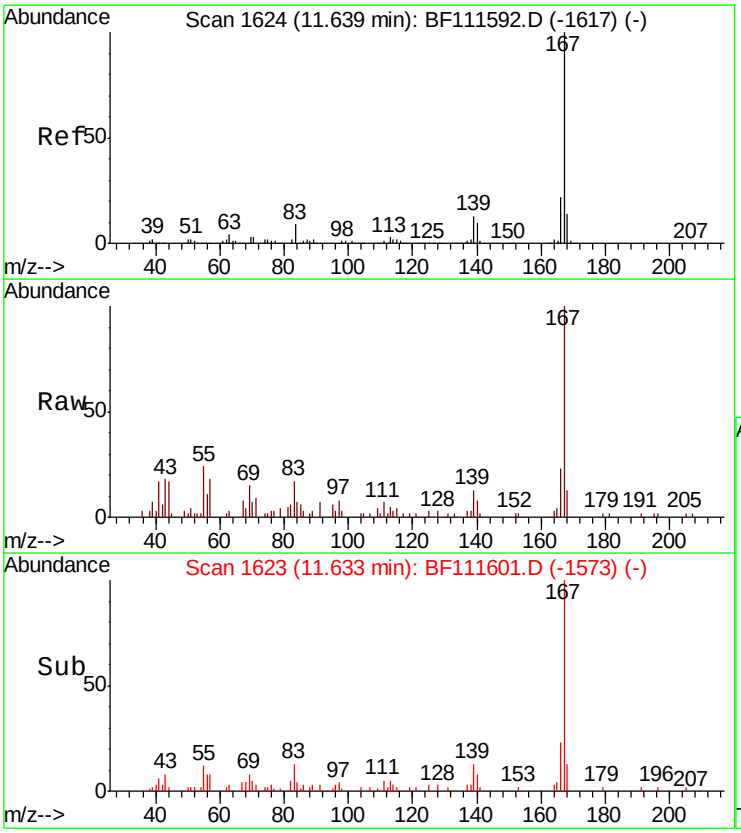
#72
Anthracene
Concen: 1.144 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:178 Resp: 44526

Ion	Ratio	Lower	Upper
178	100		
176	17.9	17.2	25.8
179	14.3	13.8	20.8

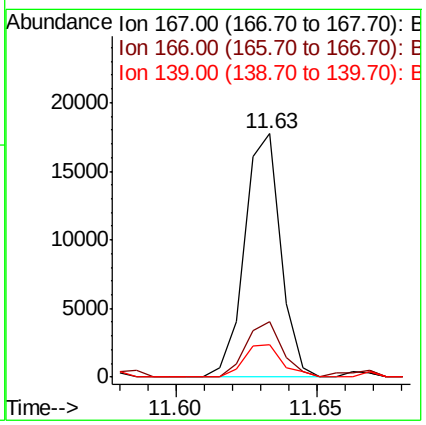


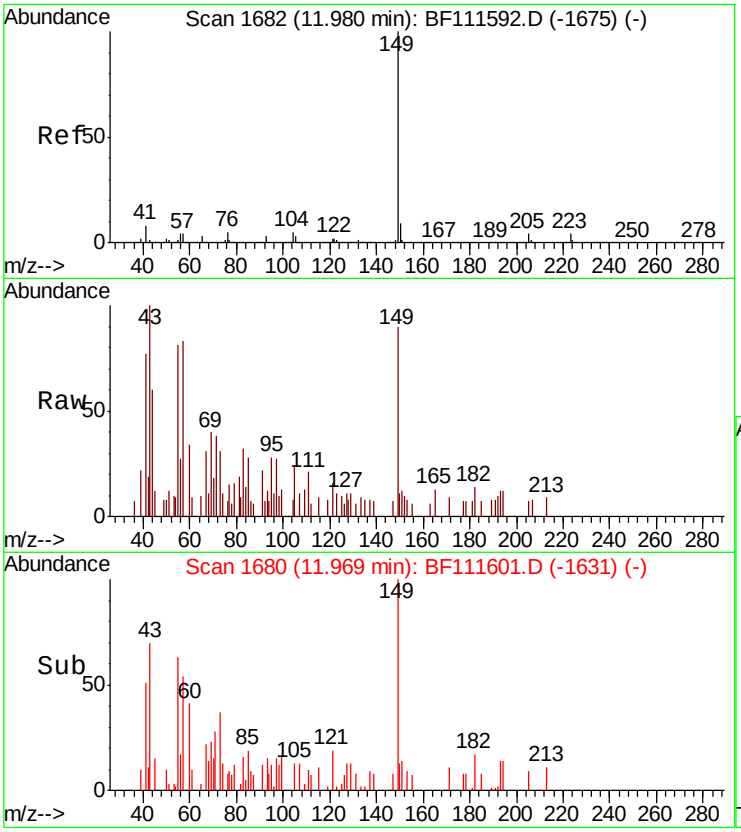


#73
Carbazole
Concen: 0.417 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:167 Resp: 15750

Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	13.4	11.9	17.9



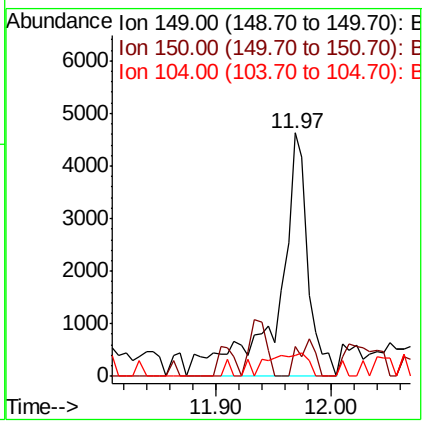


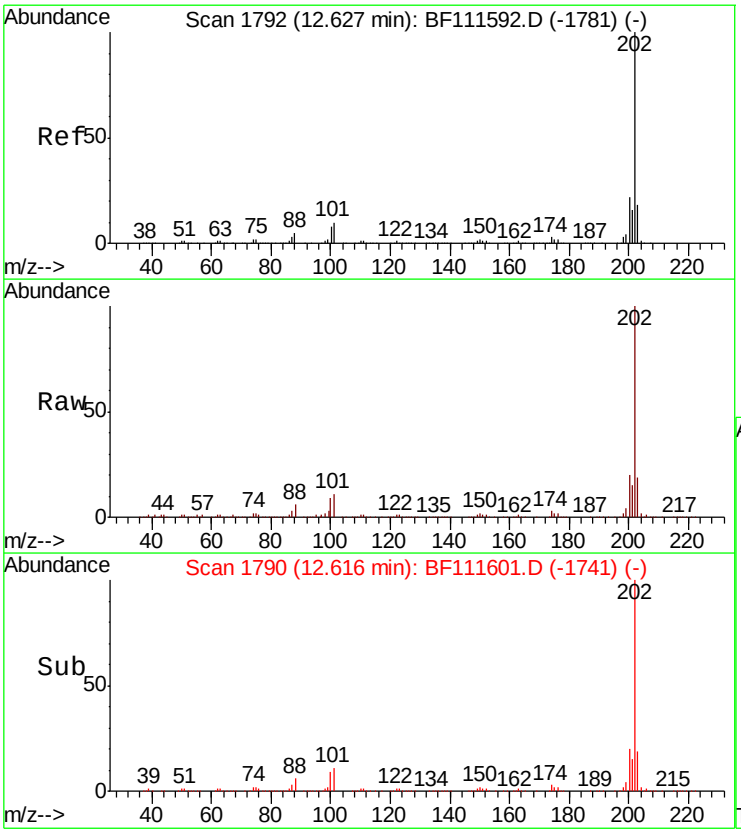
#74
Di-n-butylphthalate
Concen: 0.196 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:149 Resp: 8299

Ion	Ratio	Lower	Upper
149	100		
150	12.2	8.8	13.2
104	8.4	4.5	6.7#

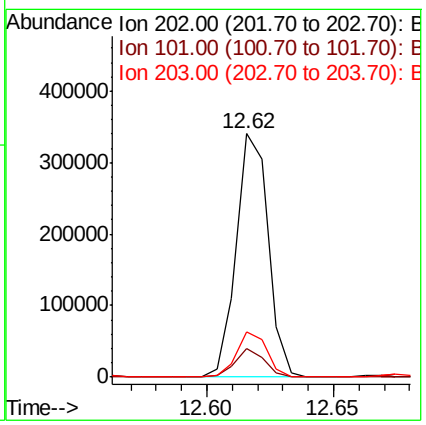


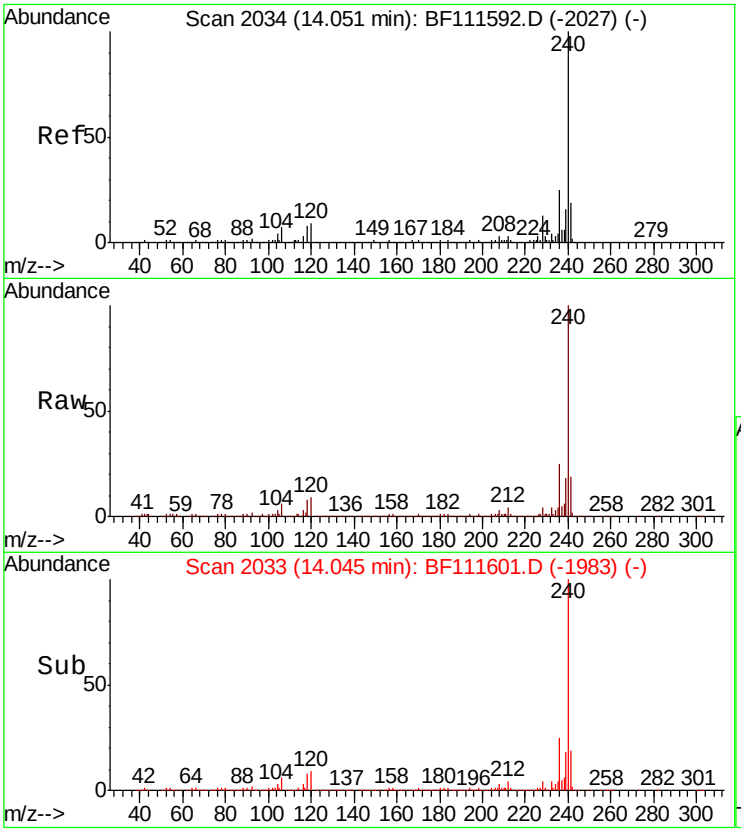


#75
Fluoranthene
Concen: 7.542 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:202 Resp: 296194

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.8
203	18.6	0.0	38.6



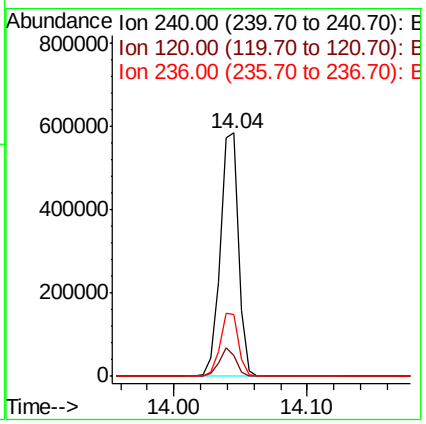


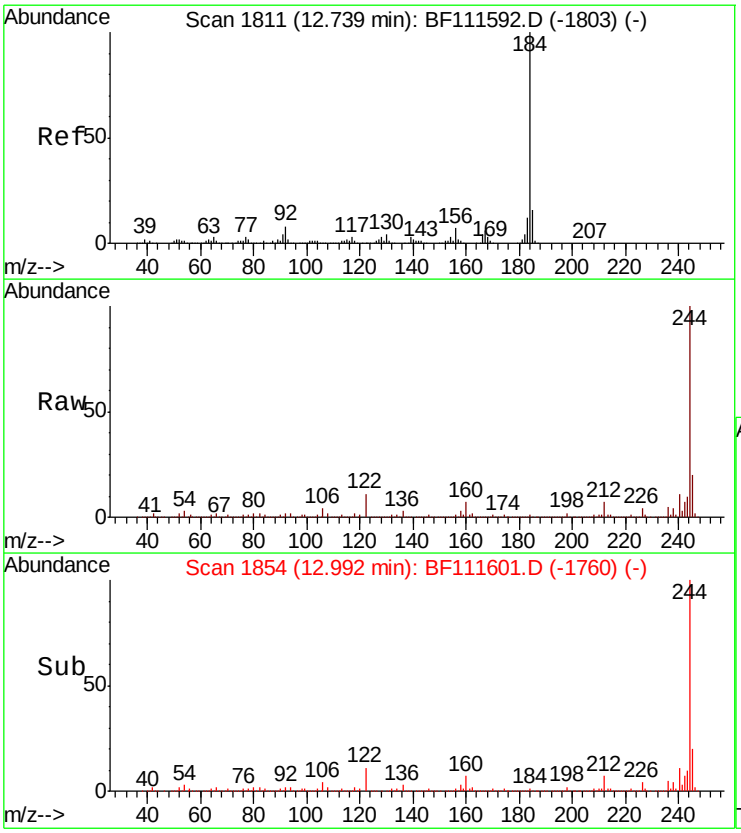
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:240 Resp: 566865

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.2	18.2#
236	25.5	20.2	30.2

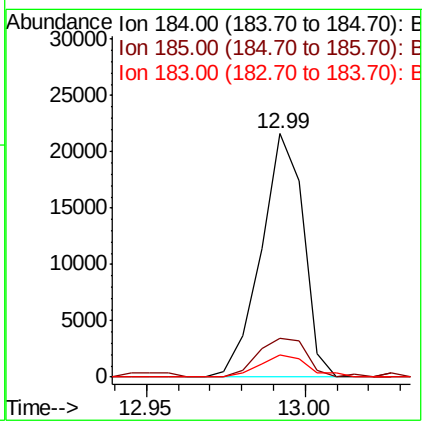


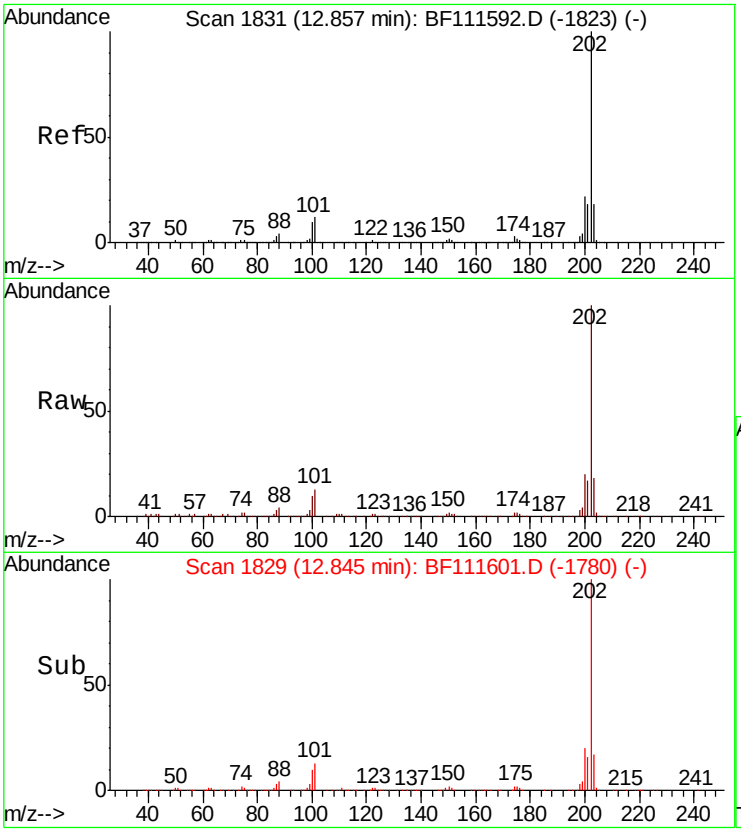


#77
Benzidine
Concen: 0.938 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:184 Resp: 20013

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.6
183	8.9	9.3	13.9#



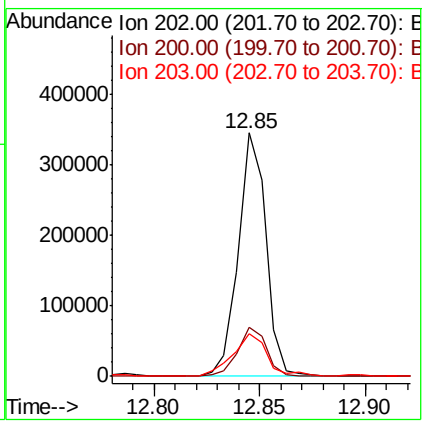


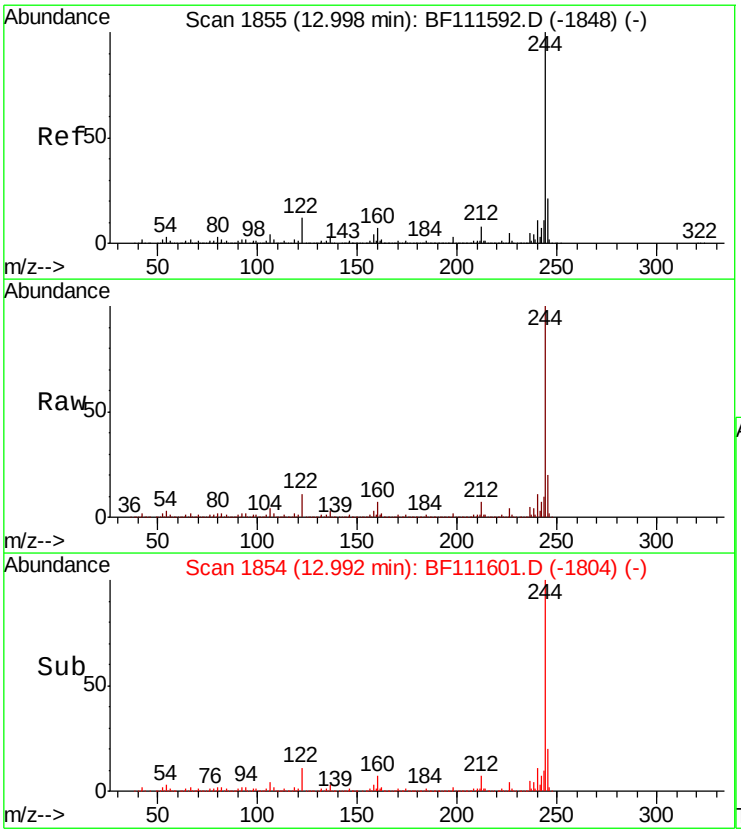
#78
Pyrene
Concen: 7.820 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:202 Resp: 313020

Ion	Ratio	Lower	Upper
202	100		
200	20.2	19.0	28.4
203	17.7	15.2	22.8

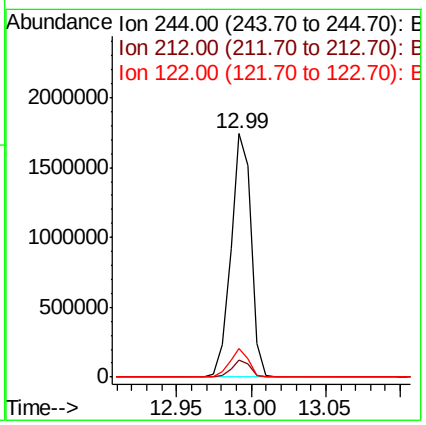


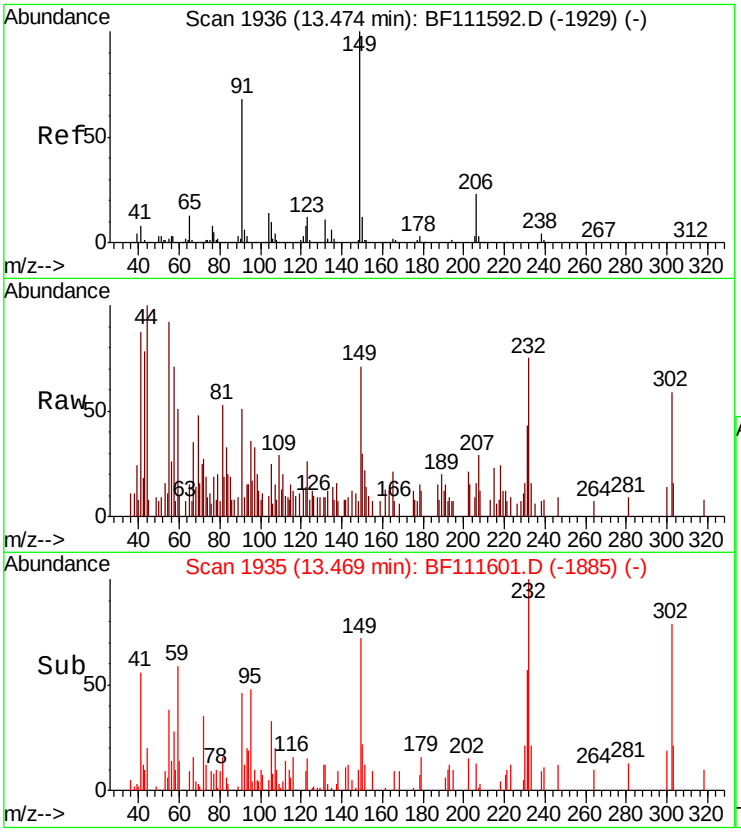


#79
Terphenyl-d14
Concen: 55.427 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:244 Resp: 1656798

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	13.1	19.7#



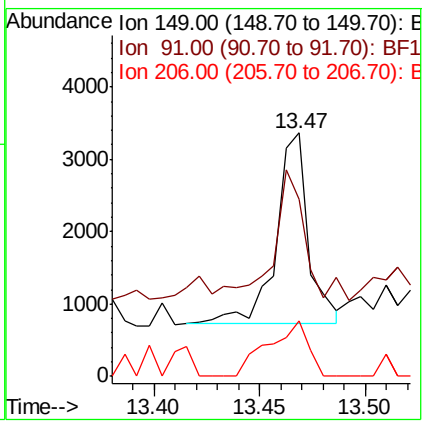


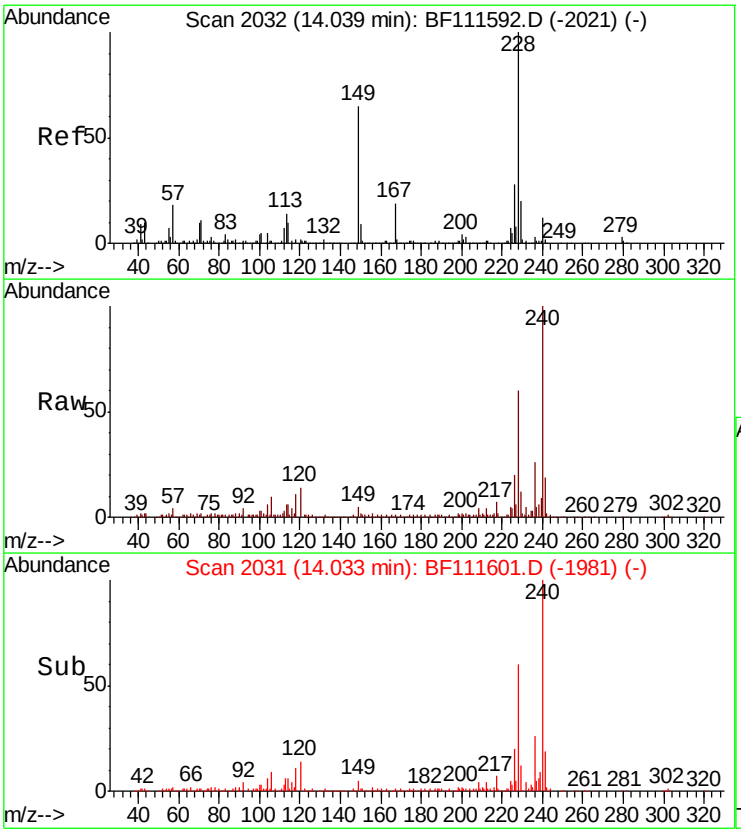
#80
Butylbenzylphthalate
Concen: 0.172 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:149 Resp: 2809

Ion	Ratio	Lower	Upper
149	100		
91	72.7	63.8	95.6
206	22.7	15.1	22.7#

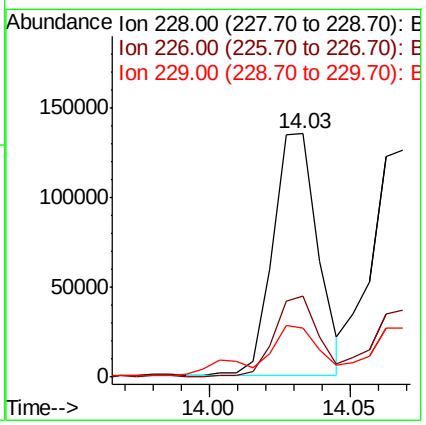


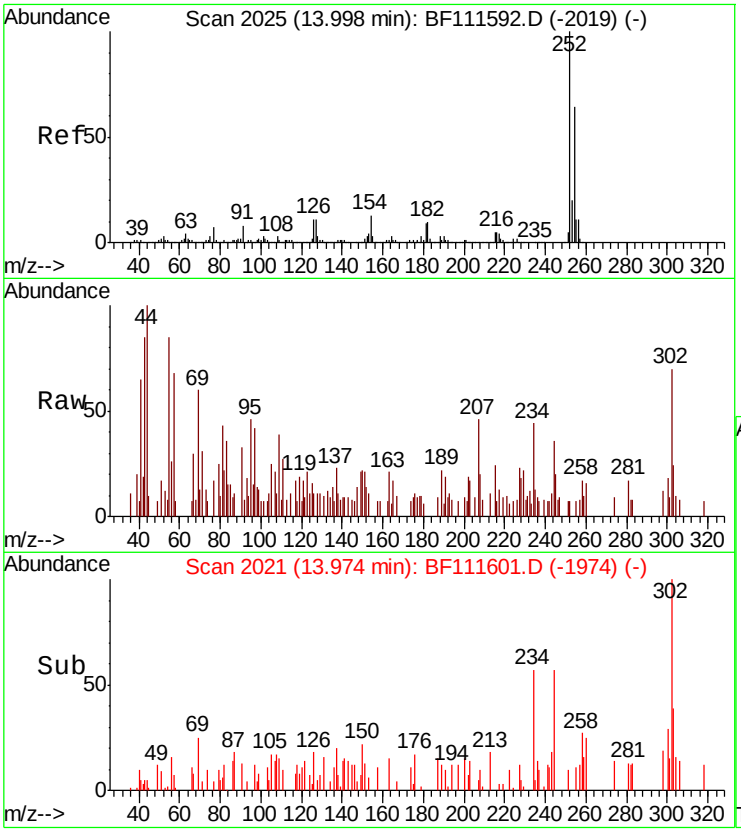


#81
Benzo(a)anthracene
Concen: 4.617 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:228 Resp: 149370

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	34.0
229	20.4	16.3	24.5



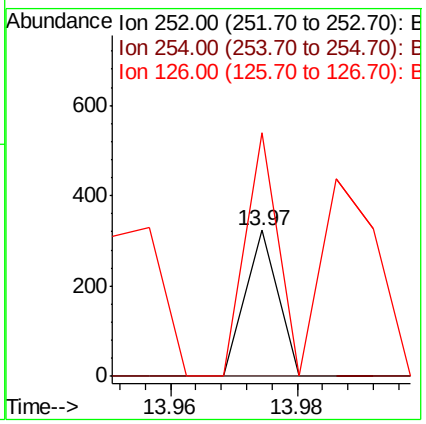


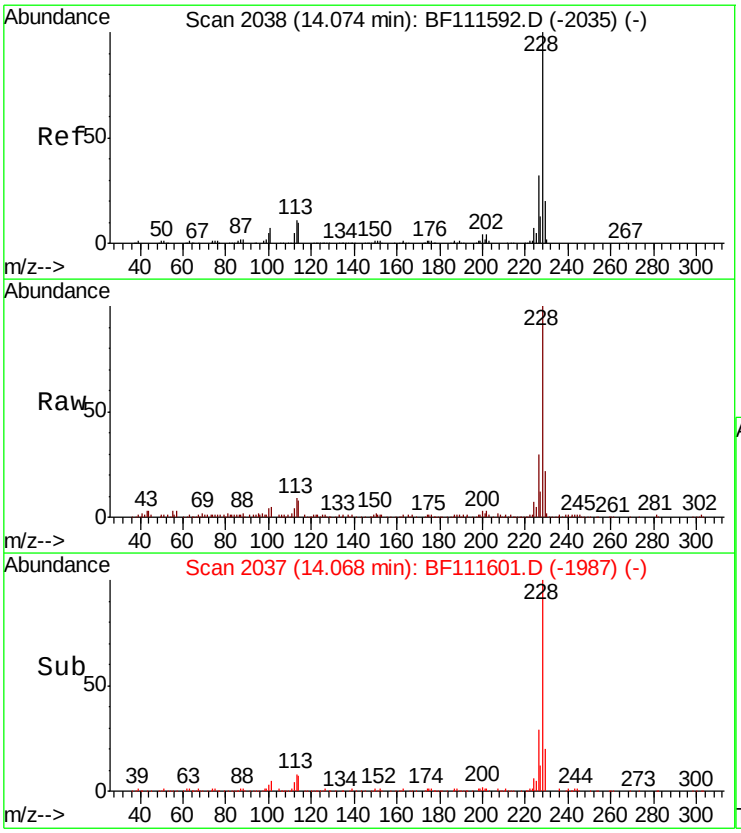
#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:252 Resp: 114

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	166.4	11.1	16.7#

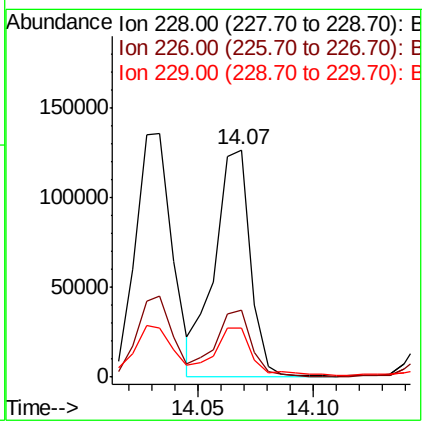


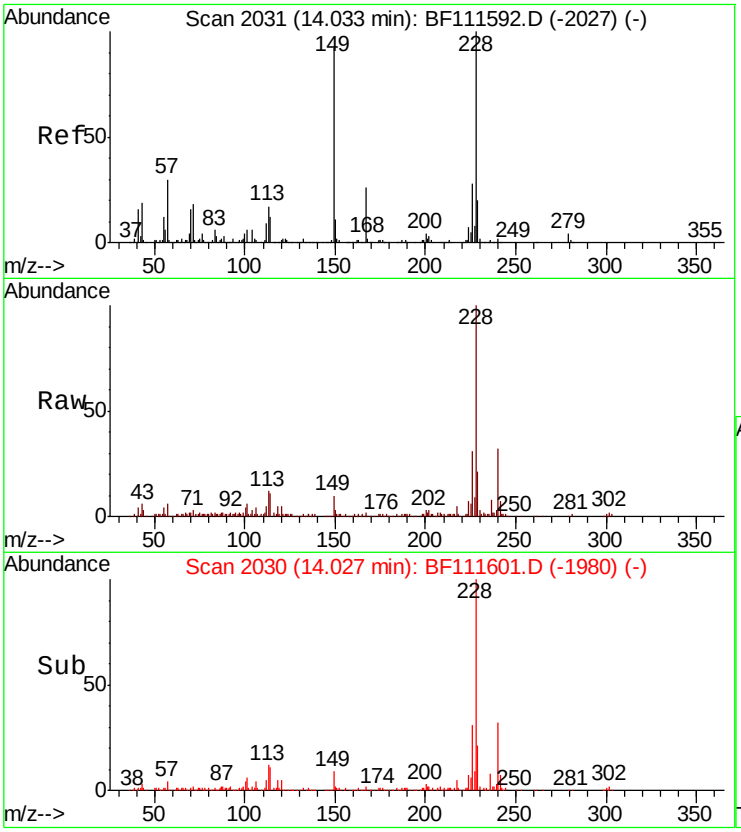


#83
Chrysene
Concen: 4.245 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:228 Resp: 134958

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.7	17.2	25.8



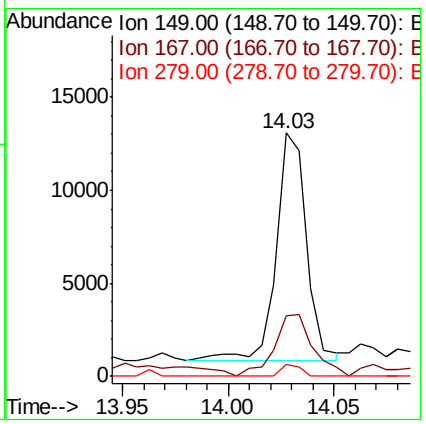


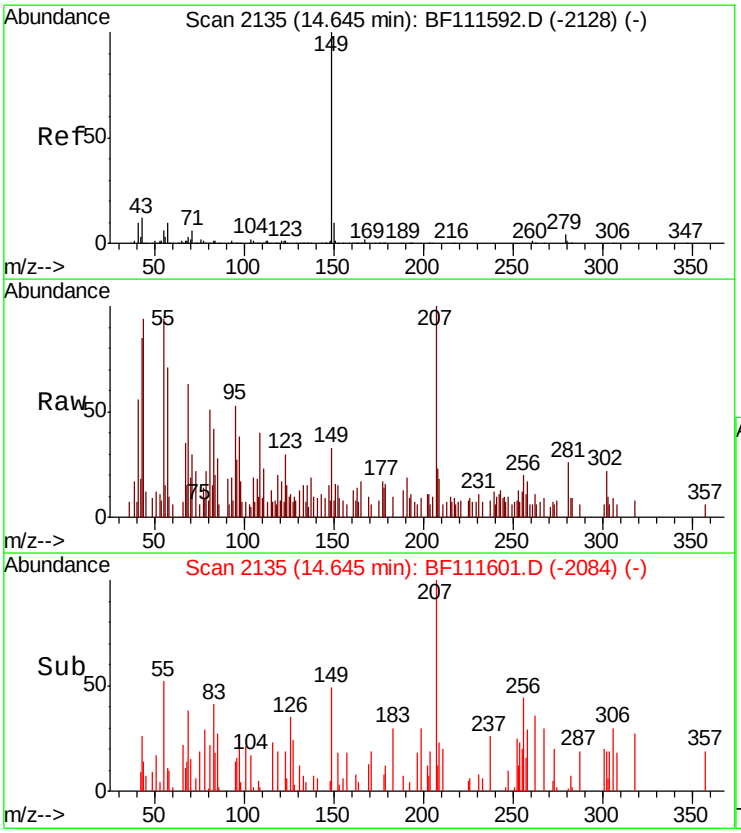
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.597 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:149 Resp: 12268

Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.5	33.7
279	4.8	2.6	4.0#

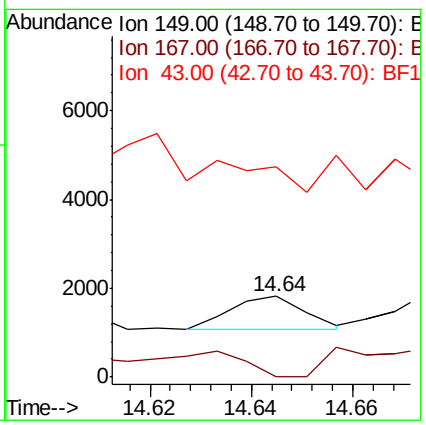


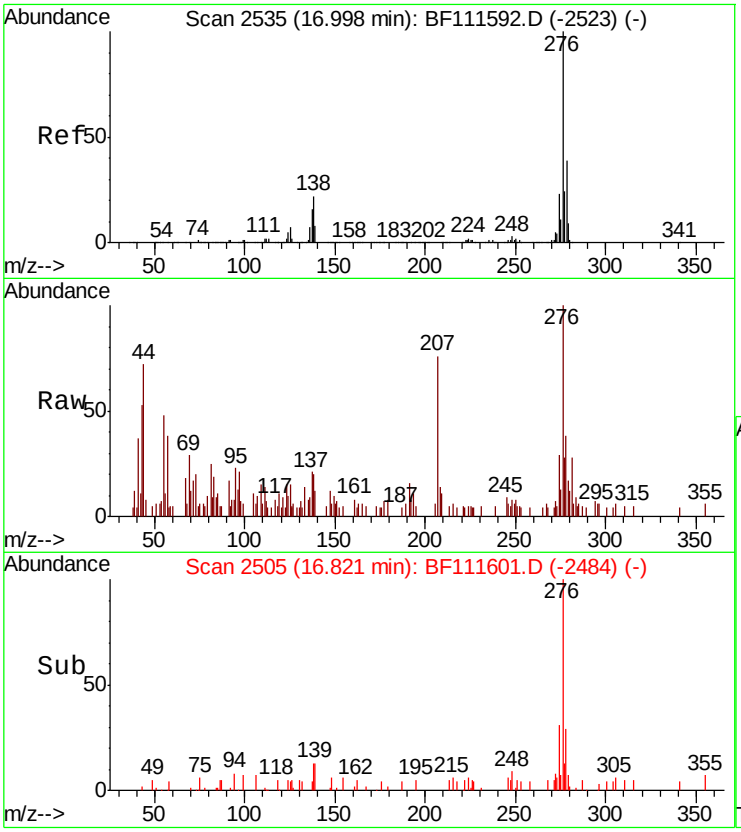


#85
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:149 Resp: 758

Ion	Ratio	Lower	Upper
149	100		
167	85.5	1.3	1.9#
43	0.0	10.9	16.3#



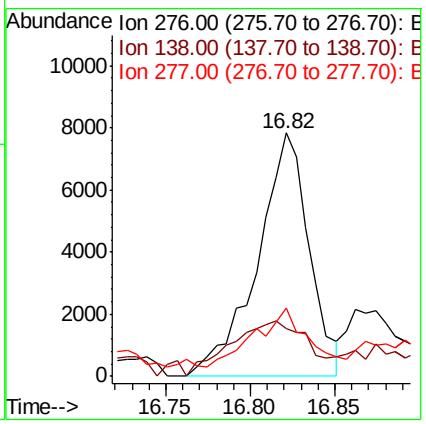


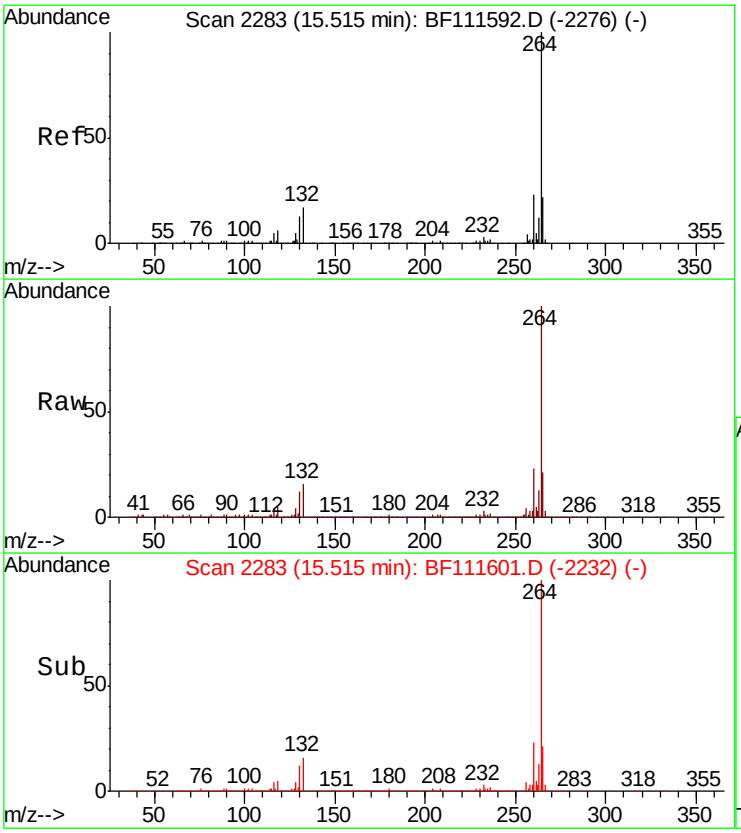
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.620 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.18 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:276 Resp: 16760

Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	24.2	20.1	30.1

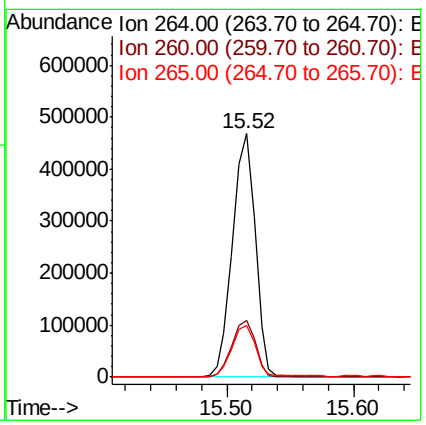


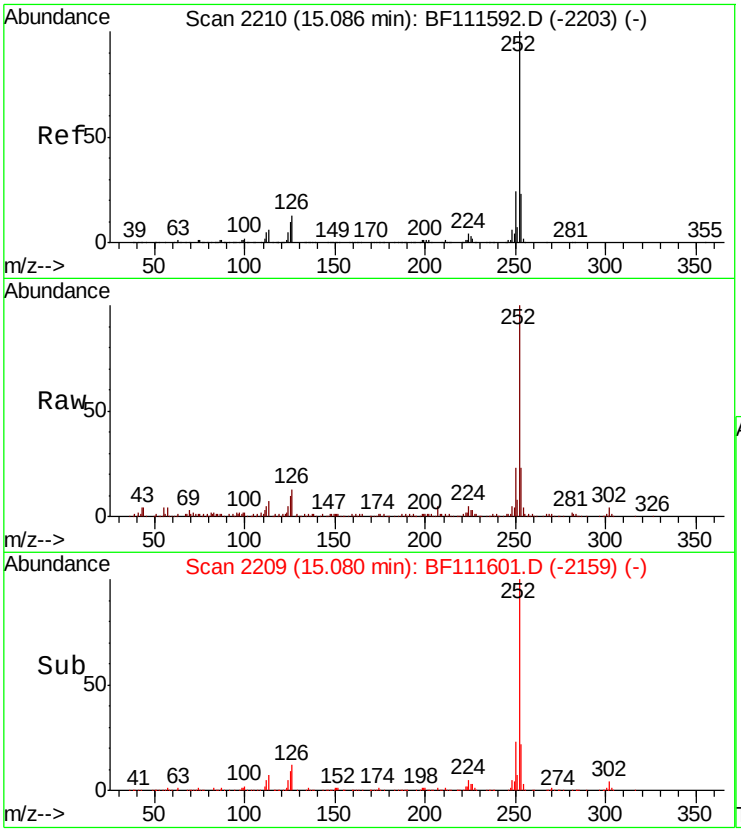


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:264 Resp: 580881

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	17.7	26.5



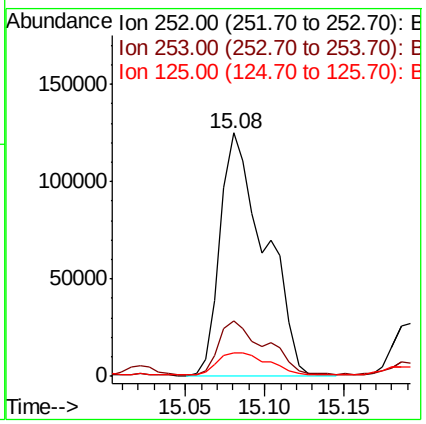


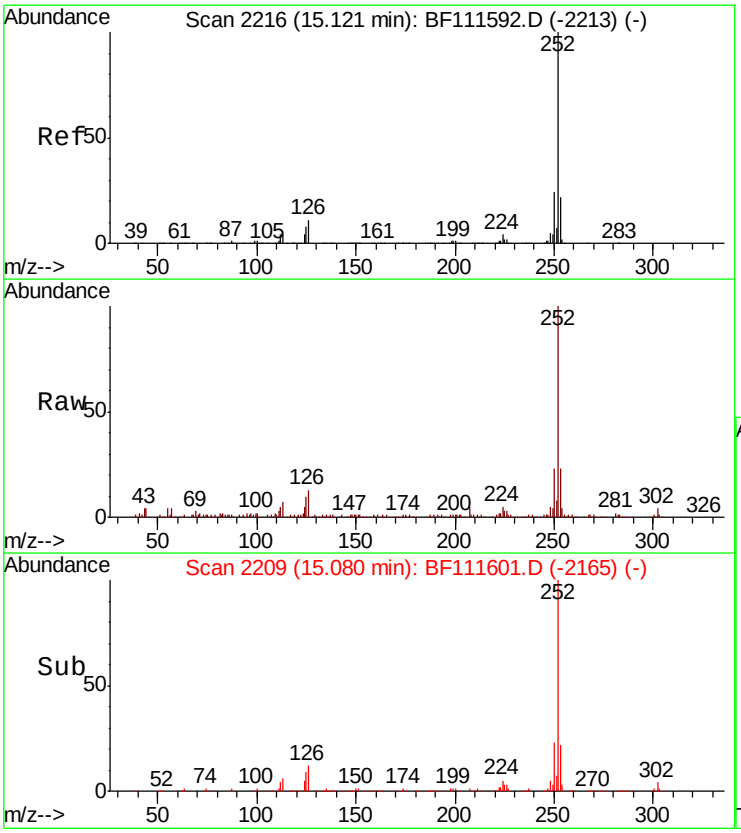
#88
Benzo(b)fluoranthene
Concen: 7.195 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:252 Resp: 244254

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.9	10.4	15.6#

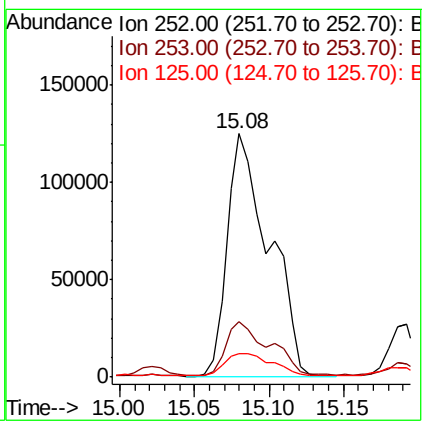


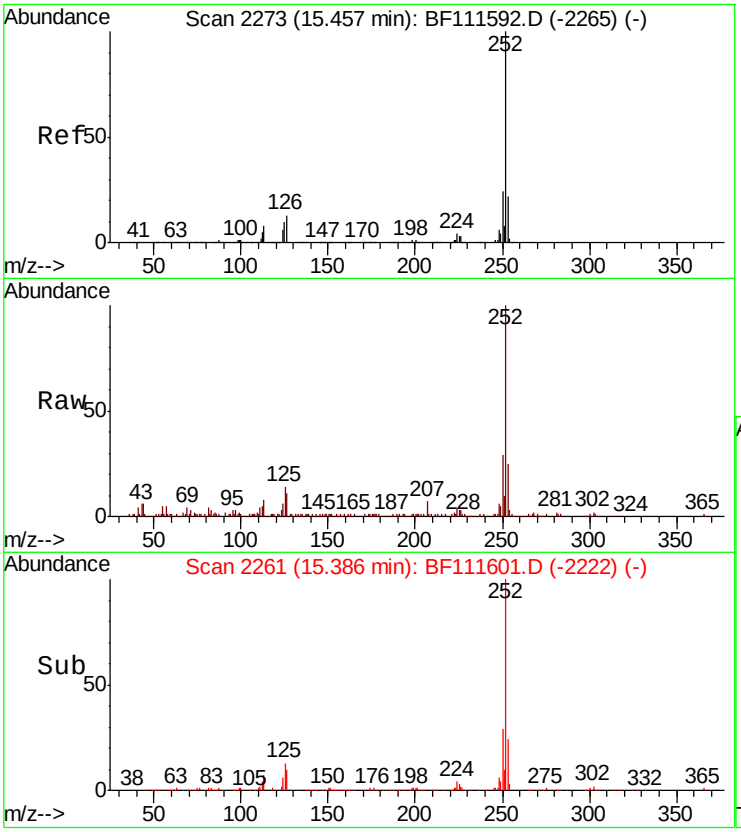


#89
Benzo(k)fluoranthene
Concen: 7.545 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:252 Resp: 243872

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.9	9.8	14.8



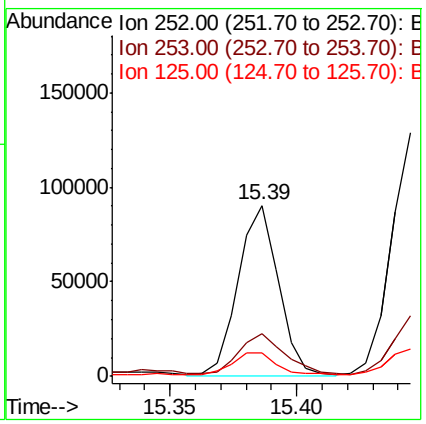


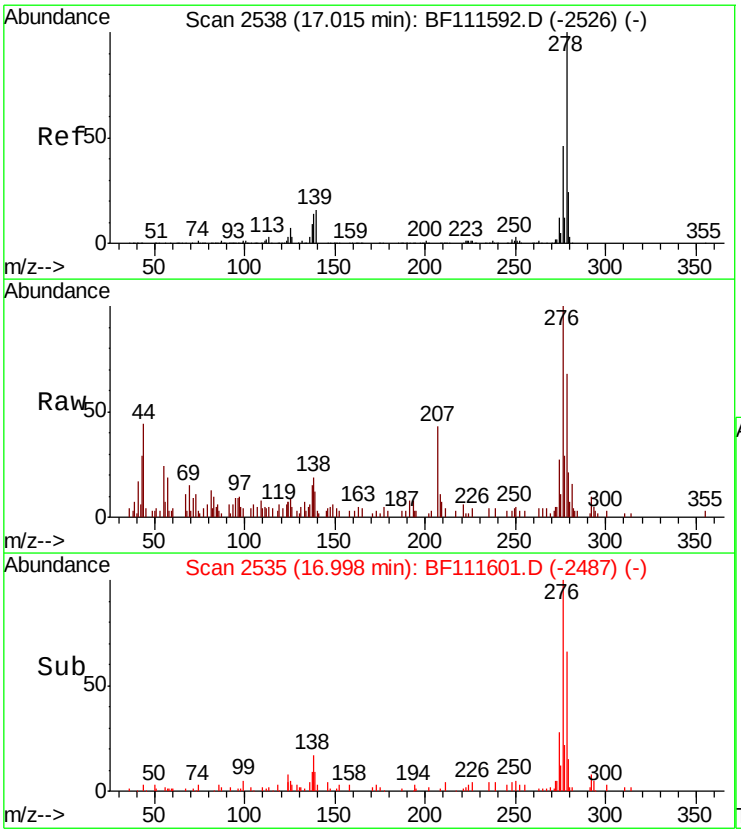
#90
Benzo(a)pyrene
Concen: 3.227 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.07 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:252 Resp: 99526

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	13.5	12.3	18.5

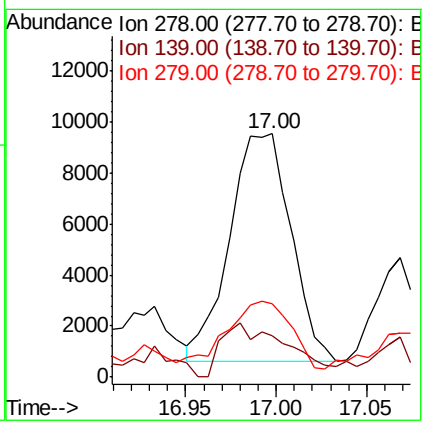


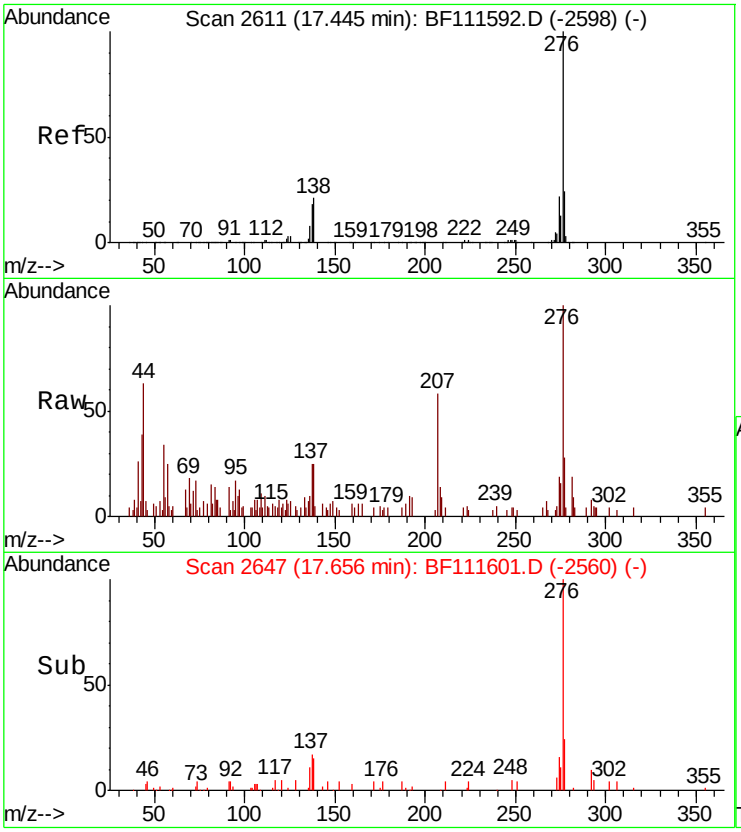


#91
Dibenzo(a,h)anthracene
Concen: 0.781 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Tgt Ion:278 Resp: 21083

Ion	Ratio	Lower	Upper
278	100		
139	17.2	18.2	27.4#
279	30.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.819 ng
RT: 17.66 min Scan# 2647
Delta R.T. 0.21 min
Lab File: BF111601.D
Acq: 19 Dec 2018 20:20

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:276 Resp: 21593

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.2	28.8
138	24.9	24.9	37.3