Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110089.D
Acq On : 23 Oct 2018 20:37
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 02:55:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	178278	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	758697	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	369248	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	717002	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	610974	20.00	ng		-0.02
87) Perylene-d12	15.67	264	519471	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1394309	127.36	ng		-0.02
7) Phenol-d6	6.59	99	1789688	127.81	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1056032	82.56	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	473153	129.36	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	1912143	81.32	ng		-0.02
79) Terphenyl-d14	13.09	244	1998841	68.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	24535	4.278	ng		93
3) Pyridine	3.67	79	61947	4.849	ng	#	84
4) n-Nitrosodimethylamine	3.55	42	27156	5.074	ng	#	92
6) Aniline	6.63	93	85147	4.668	ng	#	56
8) 2-Chlorophenol	6.75	128	66619	5.278	ng		97
9) Benzaldehyde	6.52	77	41547	3.410	ng		89
10) Phenol	6.60	94	77984	5.210	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	65418	5.312	ng		99
12) 1,3-Dichlorobenzene	6.90	146	74129	5.337	ng		96
13) 1,4-Dichlorobenzene	6.98	146	73413	5.226	ng		99
14) 1,2-Dichlorobenzene	7.13	146	70443	5.402	ng		99
15) Benzyl Alcohol	7.10	79	68258	6.338	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.23	45	107549	5.462	ng		66
17) 2-Methylphenol	7.20	107	54098	5.378	ng	#	81
18) Hexachloroethane	7.47	117	26672	5.186	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	46563	5.183	ng		91
20) 3+4-Methylphenols	7.35	107	71300	5.484	ng	#	86
22) Acetophenone	7.37	105	97497	5.577	ng	#	98
24) Nitrobenzene	7.55	77	72111	5.460	ng		93
25) Isophorone	7.77	82	129981	5.961	ng		98
26) 2-Nitrophenol	7.86	139	29152	4.639	ng		94
27) 2,4-Dimethylphenol	7.89	122	58205	5.586	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	82997	5.603	ng		98
29) 2,4-Dichlorophenol	8.10	162	54097	5.139	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	61820	5.243	ng		98
31) Naphthalene	8.27	128	208134	5.952	ng		99
32) Benzoic acid	7.95	122	20285	2.519	ng		91
33) 4-Chloroaniline	8.32	127	67015	4.258	ng		95
34) Hexachlorobutadiene	8.38	225	33745	5.155	ng		99
35) Caprolactam	8.65	113	16388	4.467	ng	#	89
36) 4-Chloro-3-methylphenol	8.78	107	59817	5.255	ng		97
37) 2-Methylnaphthalene	8.96	142	141630	6.122	ng		97
38) 1-Methylnaphthalene	9.06	142	133041	5.951	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	58948	5.124	ng		98

Quantitation Report (Not Reviewed)

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Data File : BF110089.D
Acq On : 23 Oct 2018 20:37
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 02:55:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	28260	4.804 ng		98
43) 2,4,6-Trichlorophenol	9.23	196	36225	4.882 ng		96
44) 2,4,5-Trichlorophenol	9.27	196	41087	5.238 ng		96
46) 1,1'-Biphenyl	9.42	154	177930	5.329 ng		100
47) 2-Chloronaphthalene	9.45	162	135618	5.537 ng		98
48) 2-Nitroaniline	9.54	65	37769	5.089 ng		96
49) Acenaphthylene	9.87	152	206135	5.827 ng		100
50) Dimethylphthalate	9.72	163	151974	5.576 ng		99
51) 2,6-Dinitrotoluene	9.78	165	31808	5.418 ng		90
52) Acenaphthene	10.04	154	131072	5.601 ng		96
53) 3-Nitroaniline	9.95	138	30484	4.366 ng		91
54) 2,4-Dinitrophenol	10.06	184	6603	7.825 ng		93
55) Dibenzofuran	10.21	168	186414	5.689 ng		94
56) 4-Nitrophenol	10.10	139	25515	4.938 ng		93
57) 2,4-Dinitrotoluene	10.19	165	39299	5.270 ng	#	84
58) Fluorene	10.56	166	148851	6.104 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	30204	4.724 ng		95
60) Diethylphthalate	10.42	149	148369	5.576 ng		98
61) 4-Chlorophenyl-phenylether	10.55	204	70041	5.444 ng		96
62) 4-Nitroaniline	10.56	138	35350	5.090 ng		89
63) Azobenzene	10.70	77	149031	5.643 ng		99
65) 4,6-Dinitro-2-methylphenol	10.59	198	11520	3.517 ng		86
66) n-Nitrosodiphenylamine	10.66	169	126180	5.365 ng		95
67) 4-Bromophenyl-phenylether	11.04	248	41517	5.338 ng		98
68) Hexachlorobenzene	11.10	284	43072	5.220 ng		96
69) Atrazine	11.18	200	41345	5.563 ng		97
70) Pentachlorophenol	11.30	266	16038	3.333 ng		98
71) Phenanthrene	11.52	178	225549	6.012 ng		99
72) Anthracene	11.57	178	229947	6.115 ng		98
73) Carbazole	11.73	167	199928	5.445 ng		98
74) Di-n-butylphthalate	12.05	149	236018	5.692 ng		99
75) Fluoranthene	12.71	202	231237	6.073 ng		99
77) Benzidine	12.83	184	54039	2.127 ng	#	92
78) Pyrene	12.94	202	231606	5.288 ng		99
80) Butylbenzylphthalate	13.55	149	95512	5.024 ng		94
81) Benzo(a)anthracene	14.13	228	207350	5.723 ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	49262	3.905 ng		98
83) Chrysene	14.17	228	196510	5.710 ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	135349	5.267 ng		98
85) Di-n-octyl phthalate	14.72	149	210625	5.271 ng		99
86) Indeno(1,2,3-cd)pyrene	17.22	276	150126	5.259 ng		95
88) Benzo(b)fluoranthene	15.21	252	172641	5.755 ng		100
89) Benzo(k)fluoranthene	15.21	252	172641	5.854 ng		99
90) Benzo(a)pyrene	15.59	252	158916	5.757 ng		95
91) Dibenzo(a,h)anthracene	17.23	278	127226	5.342 ng		95
92) Benzo(g,h,i)perylene	17.69	276	118239	5.038 ng		96

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110089.D
Acq On : 23 Oct 2018 20:37
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
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Instrument :
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Quant Time: Oct 24 02:55:04 2018
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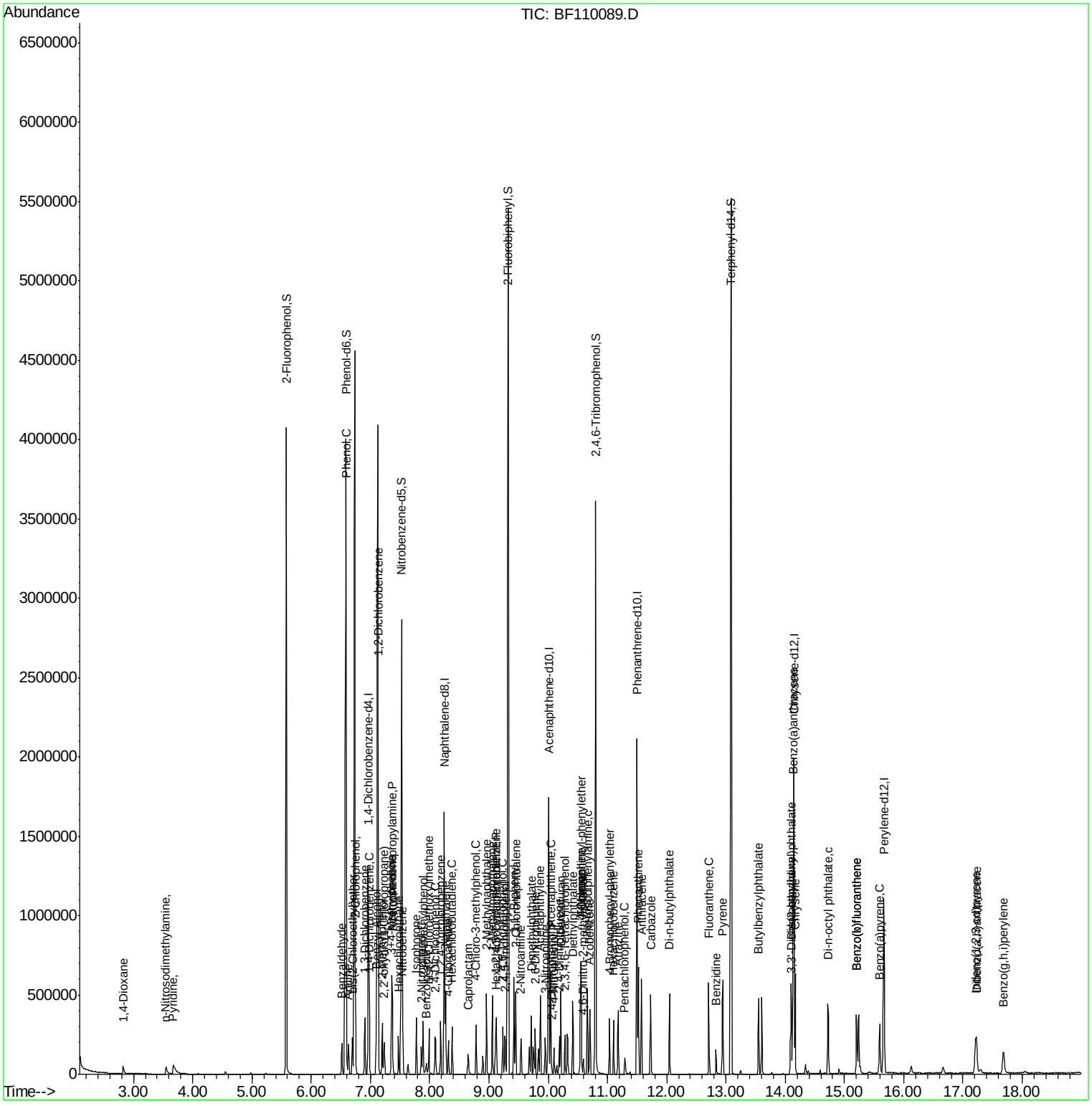
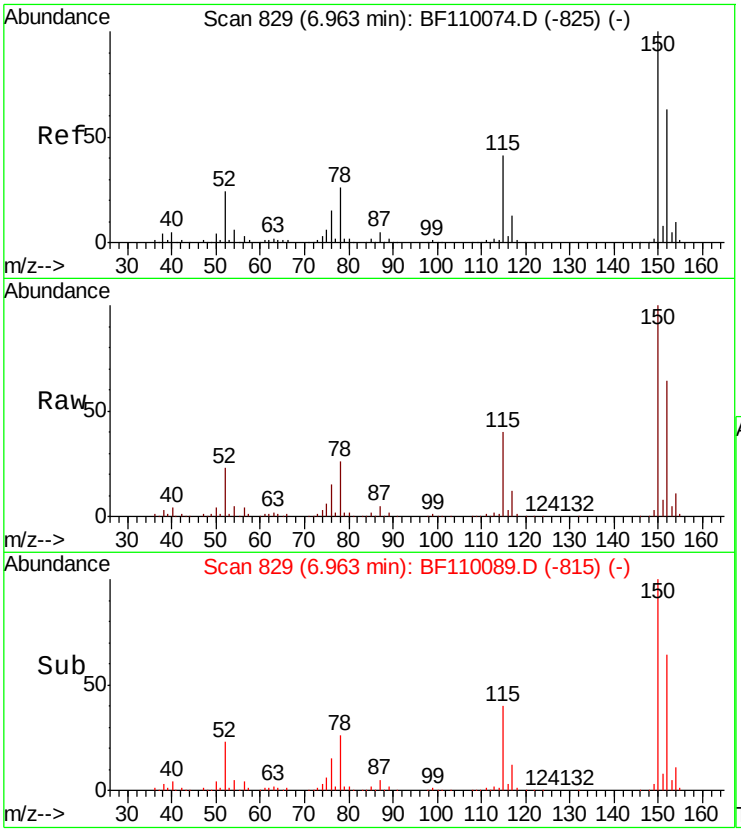
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



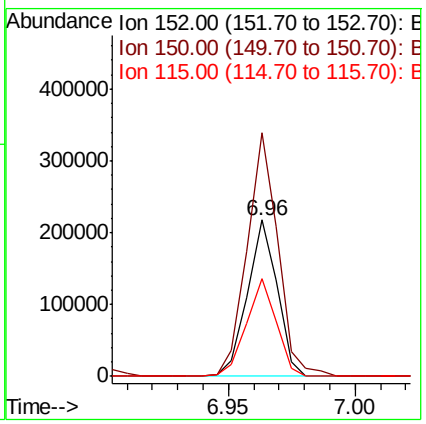


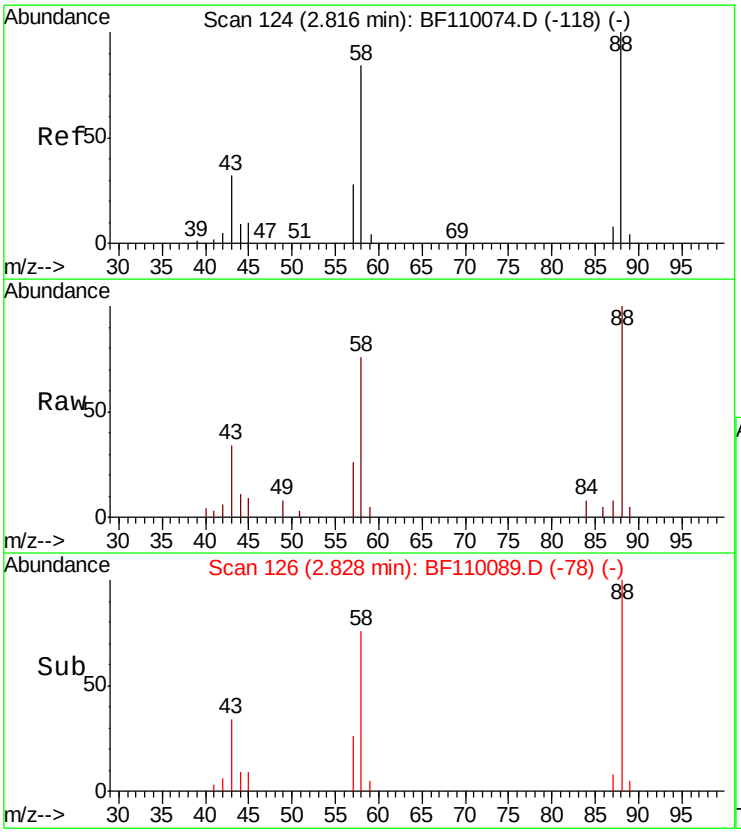
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 178278

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	62.2	49.1	73.7

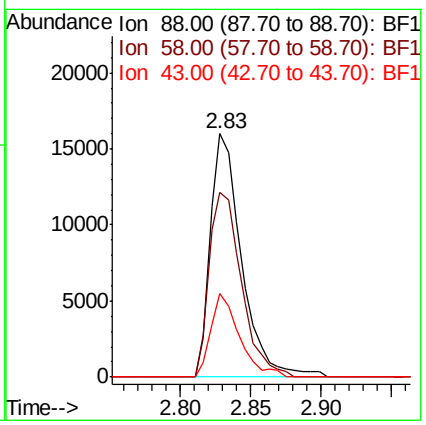


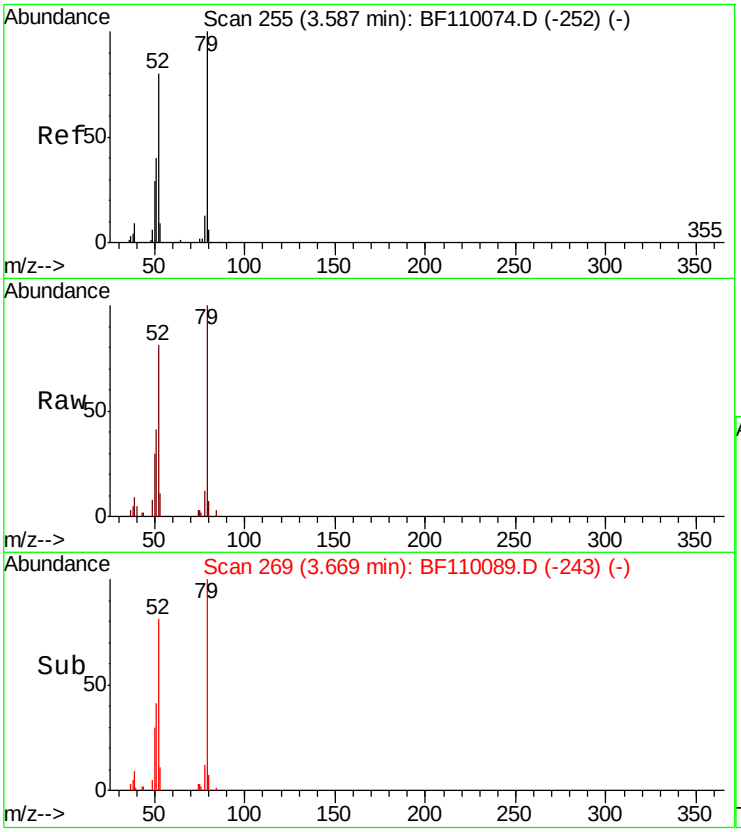


#2
1,4-Dioxane
Concen: 4.278 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 88 Resp: 24535

Ion	Ratio	Lower	Upper
88	100		
58	78.5	57.1	85.7
43	31.6	24.1	36.1



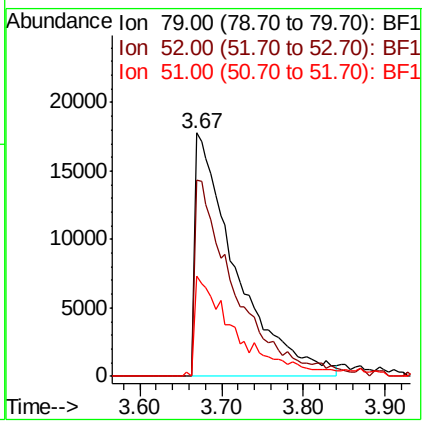


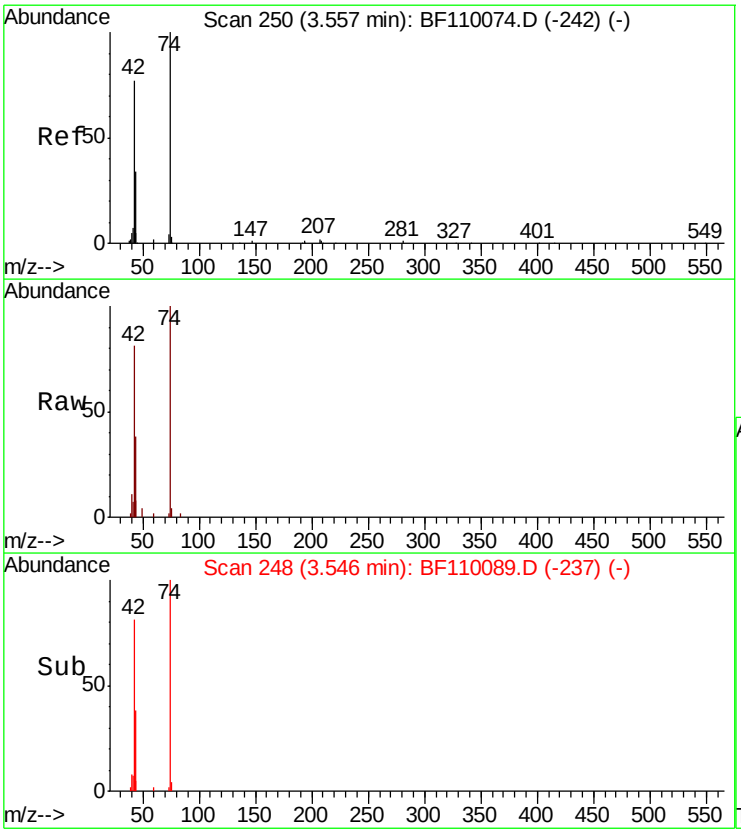
#3
Pyridine
Concen: 4.849 ng
RT: 3.67 min Scan# 269
Delta R.T. 0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 61947

Ion	Ratio	Lower	Upper
79	100		
52	80.6	53.1	79.7#
51	40.9	27.4	41.2

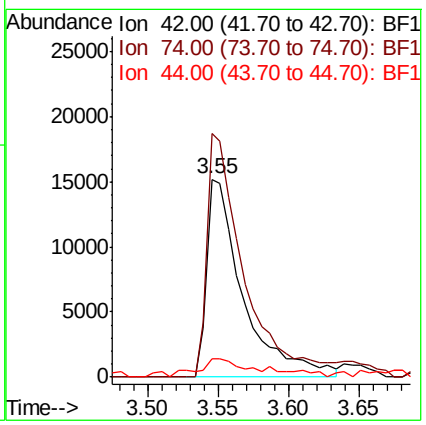


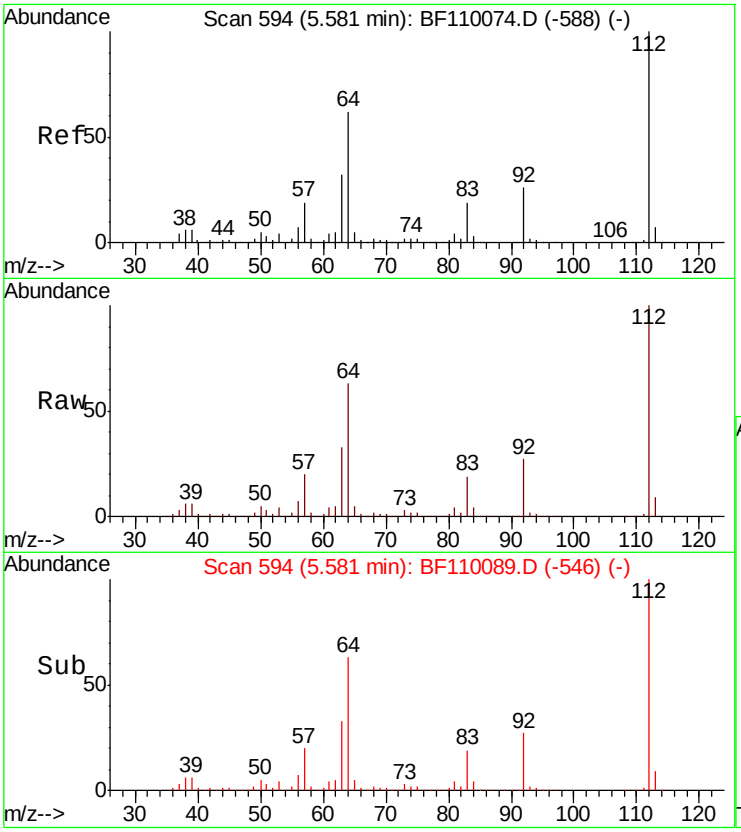


#4
n-Nitrosodimethylamine
Concen: 5.074 ng
RT: 3.55 min Scan# 248
Delta R.T. -0.04 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 42 Resp: 27156

Ion	Ratio	Lower	Upper
42	100		
74	123.0	105.5	158.3
44	9.4	4.9	7.3#



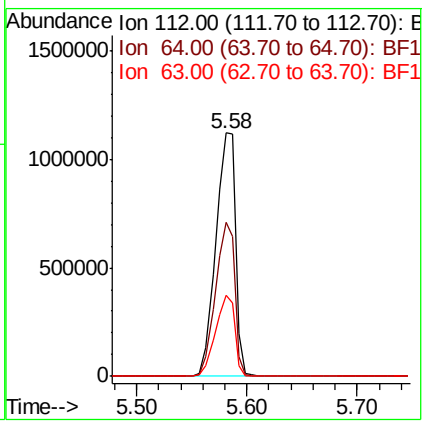


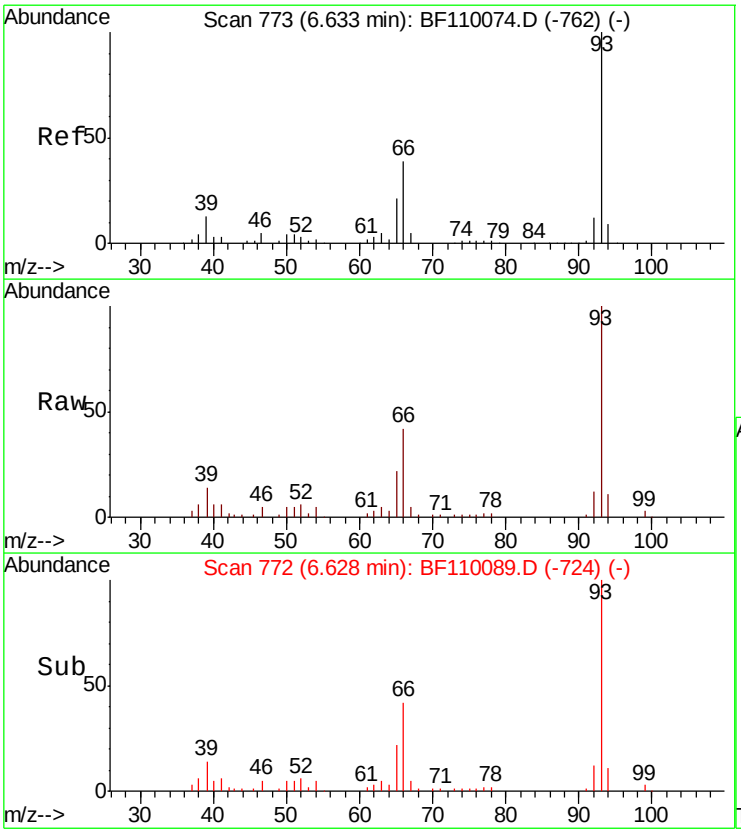
#5
2-Fluorophenol
Concen: 127.361 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1394309

Ion	Ratio	Lower	Upper
112	100		
64	63.3	44.1	66.1
63	33.2	23.7	35.5

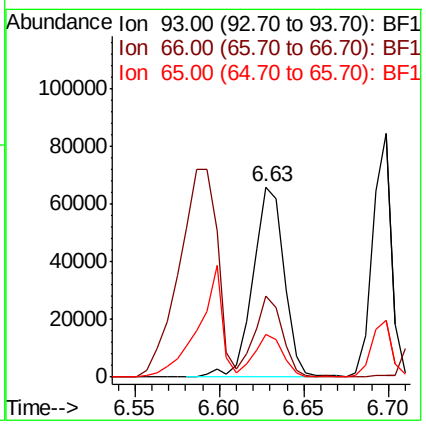


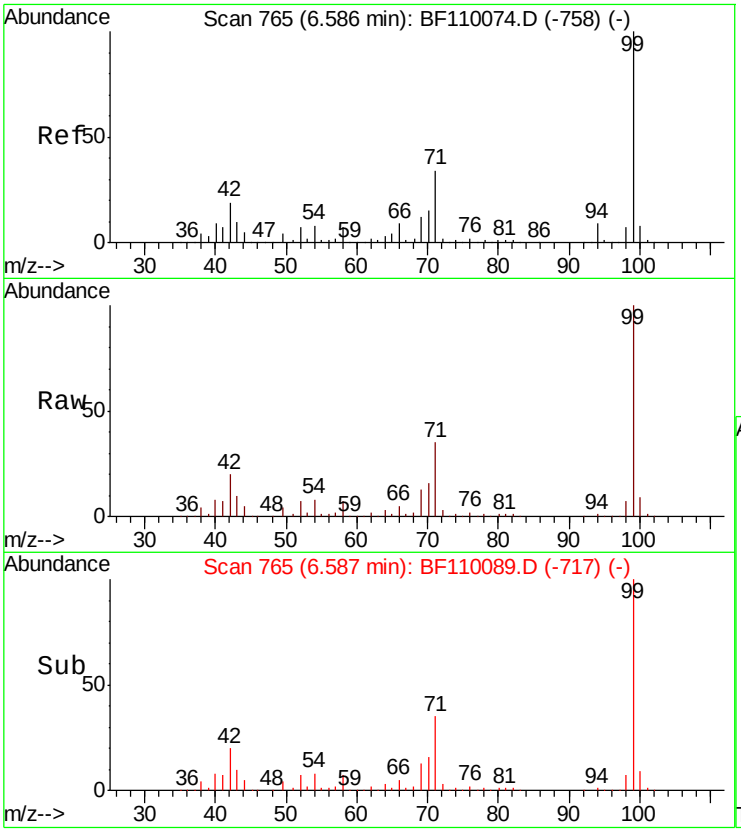


#6
Aniline
Concen: 4.668 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 93 Resp: 85147

Ion	Ratio	Lower	Upper
93	100		
66	42.5	67.4	101.0#
65	22.4	41.0	61.4#



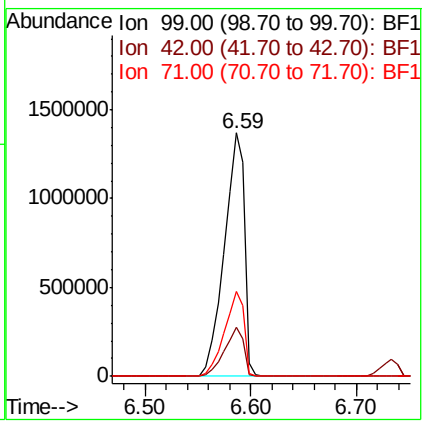


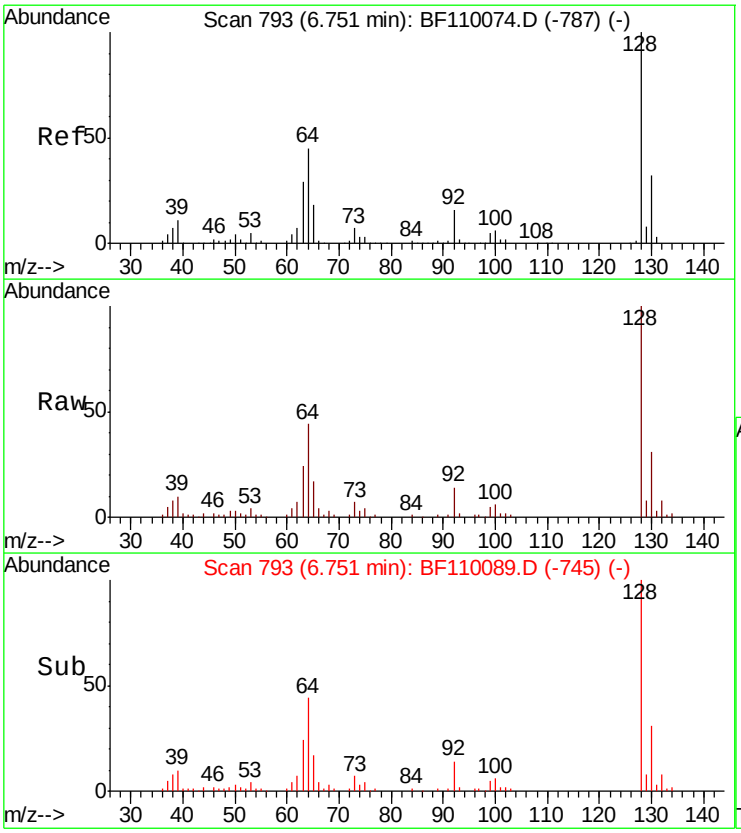
#7
Phenol-d6
Concen: 127.808 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1789688

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	35.0	28.0	42.0

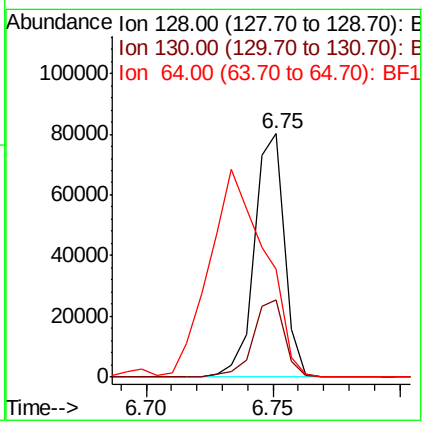


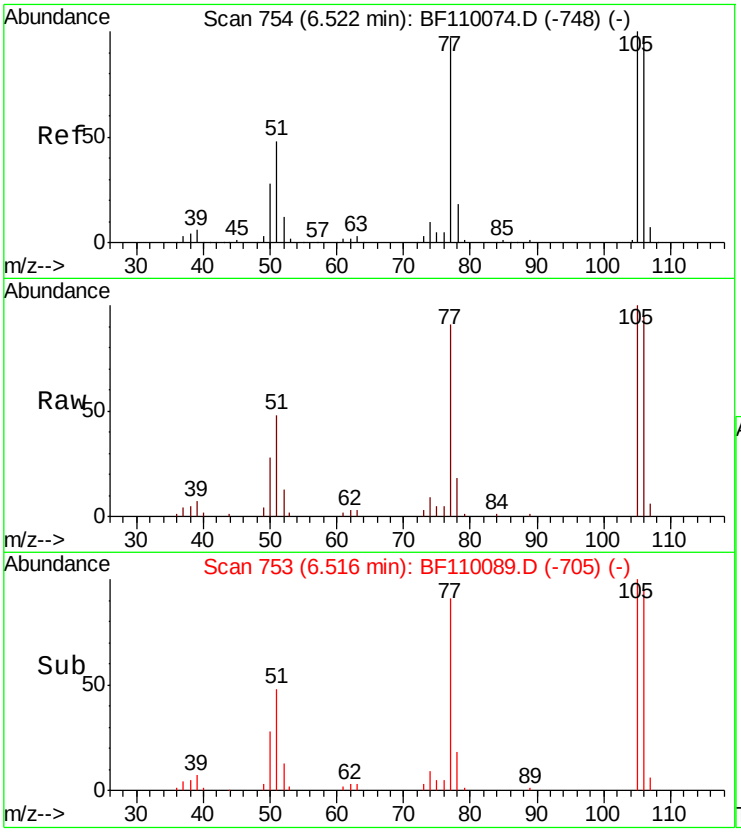


#8
2-Chlorophenol
Concen: 5.278 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:128 Resp: 66619

Ion	Ratio	Lower	Upper
128	100		
130	31.5	13.1	53.1
64	44.5	26.0	66.0



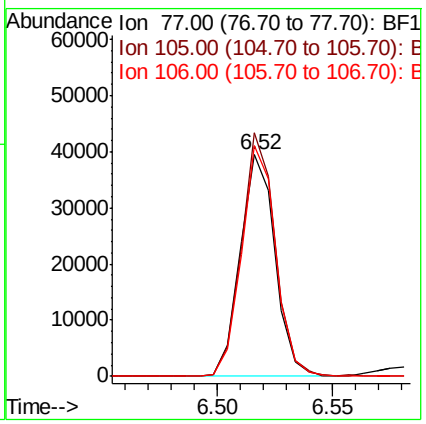


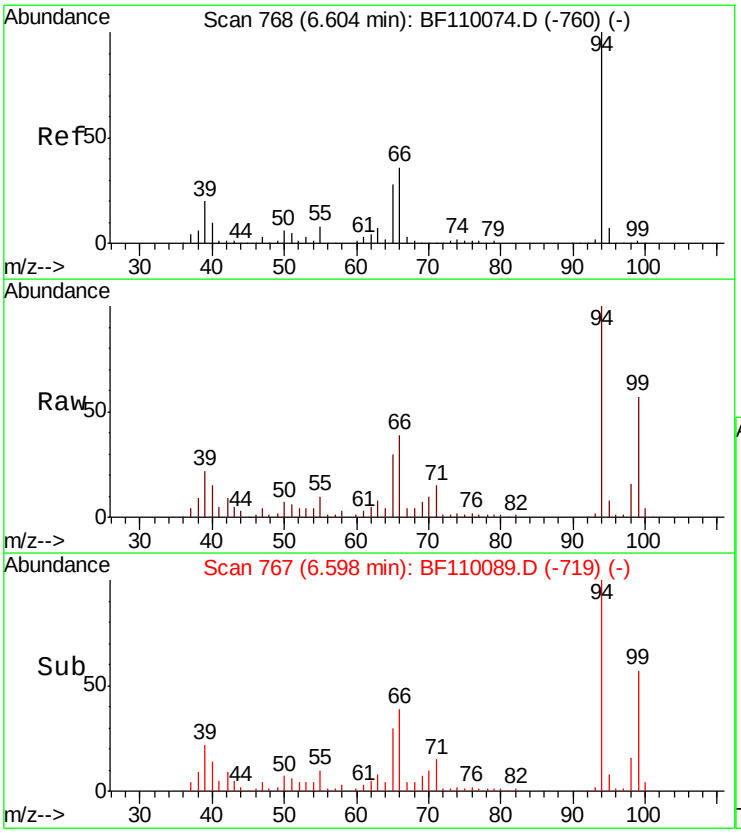
#9
Benzaldehyde
Concen: 3.410 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 41547

Ion	Ratio	Lower	Upper
77	100		
105	109.9	78.6	118.6
106	104.4	74.8	114.8

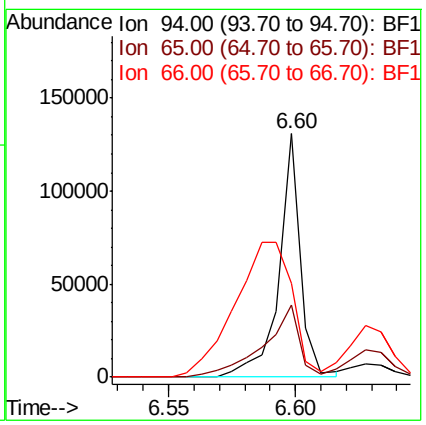


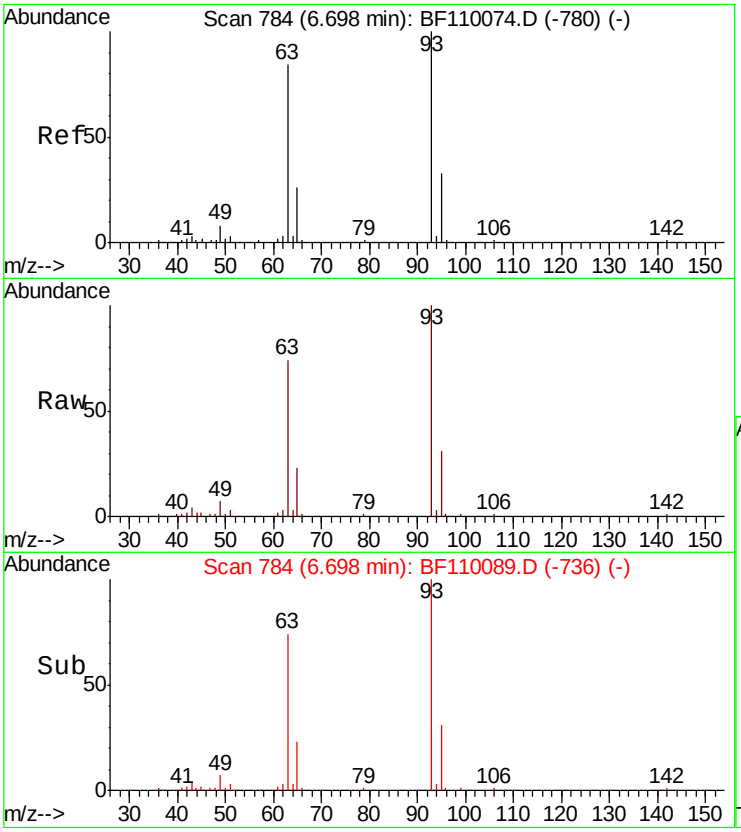


#10
Phenol
Concen: 5.210 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 94 Resp: 77984

Ion	Ratio	Lower	Upper
94	100		
65	29.7	25.3	65.3
66	38.8	54.5	94.5#



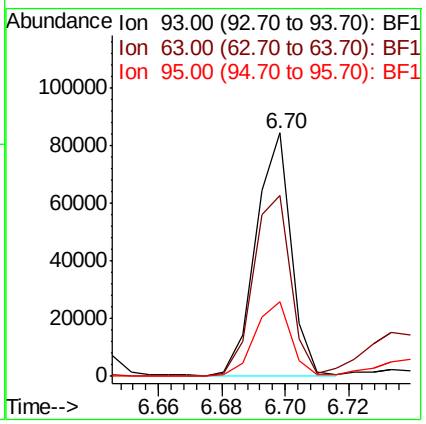


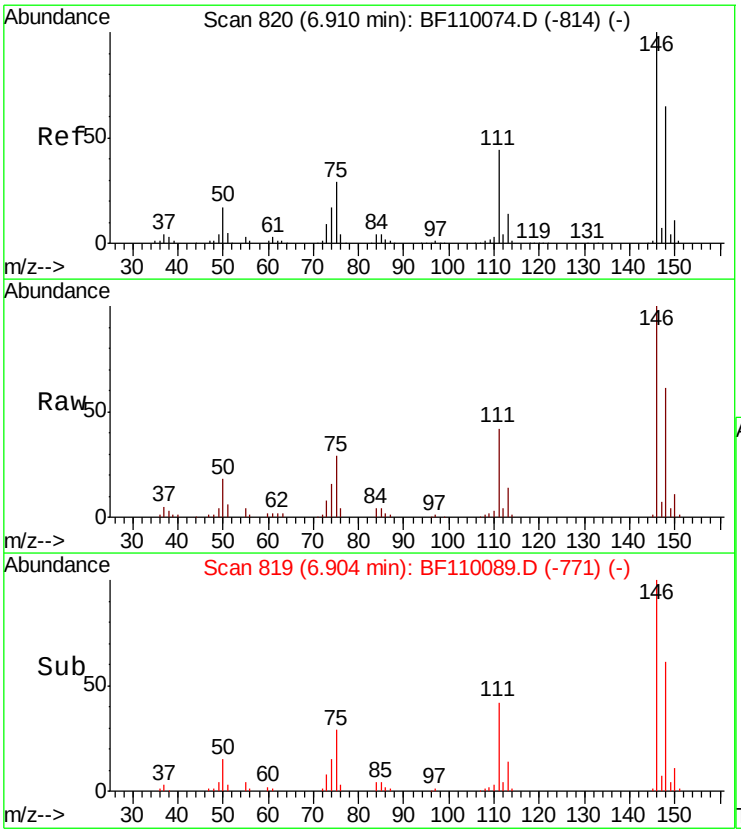
#11
bis(2-Chloroethyl)ether
Concen: 5.312 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 65418

Ion	Ratio	Lower	Upper
93	100		
63	74.3	53.4	93.4
95	30.9	12.1	52.1

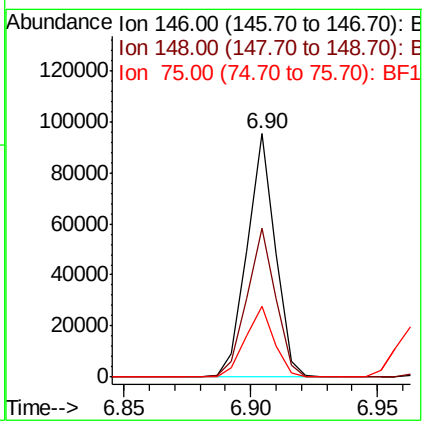


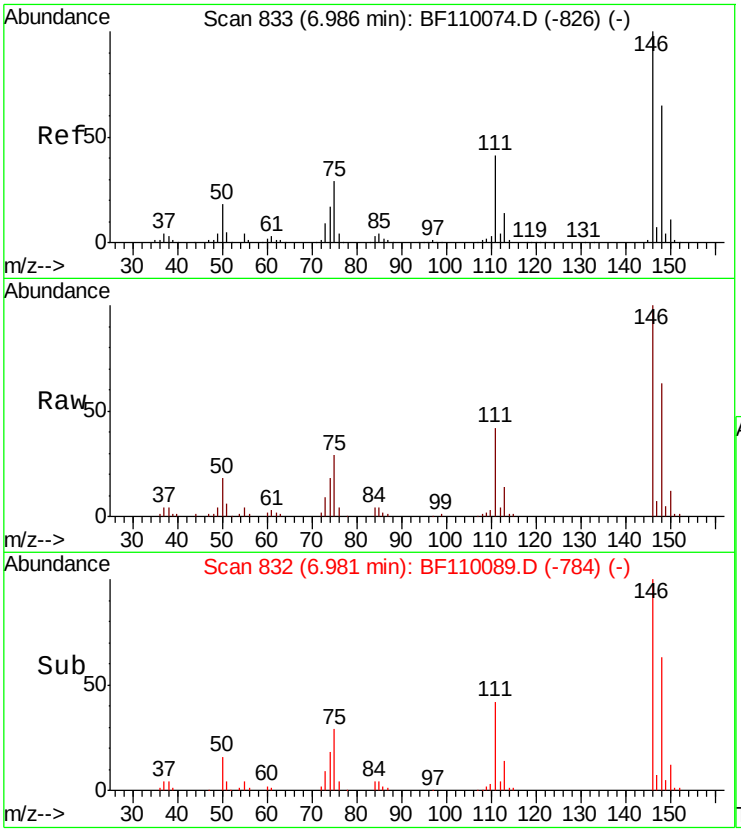


#12
1,3-Dichlorobenzene
Concen: 5.337 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:146 Resp: 74129

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.4	75.6
75	29.0	25.8	38.6



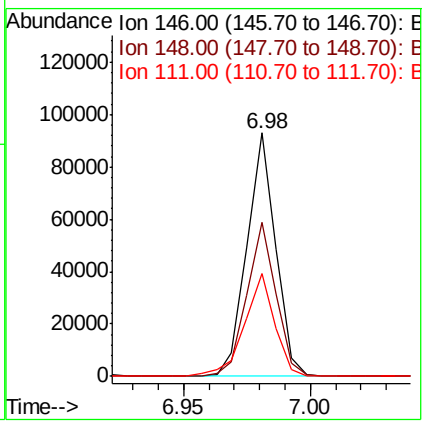


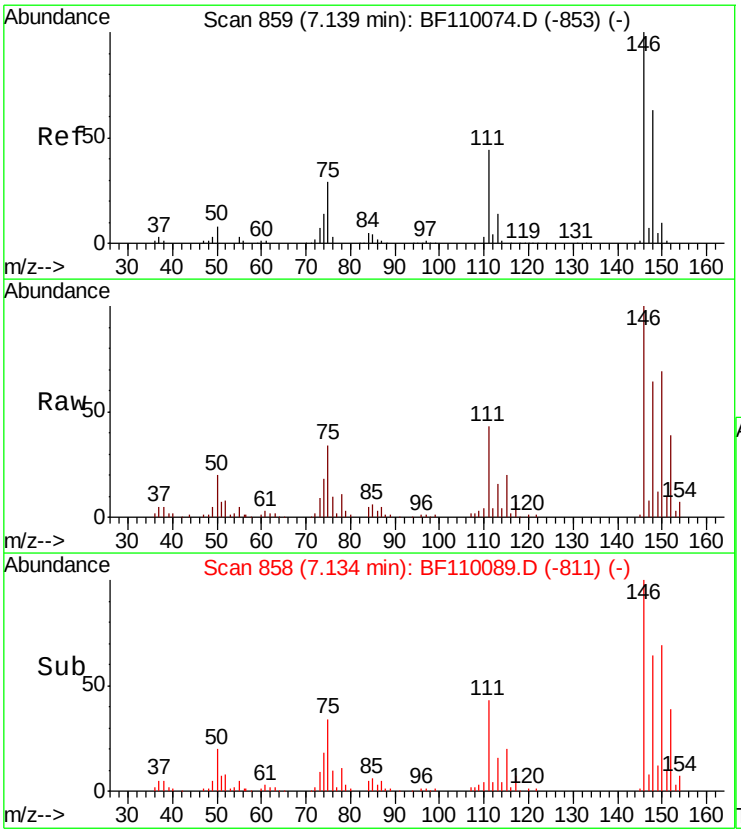
#13
1,4-Dichlorobenzene
Concen: 5.226 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 73413

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.4	32.7	49.1

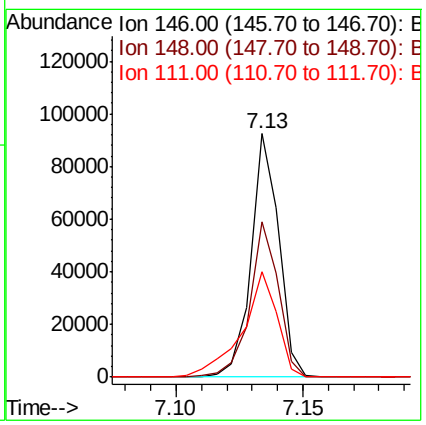


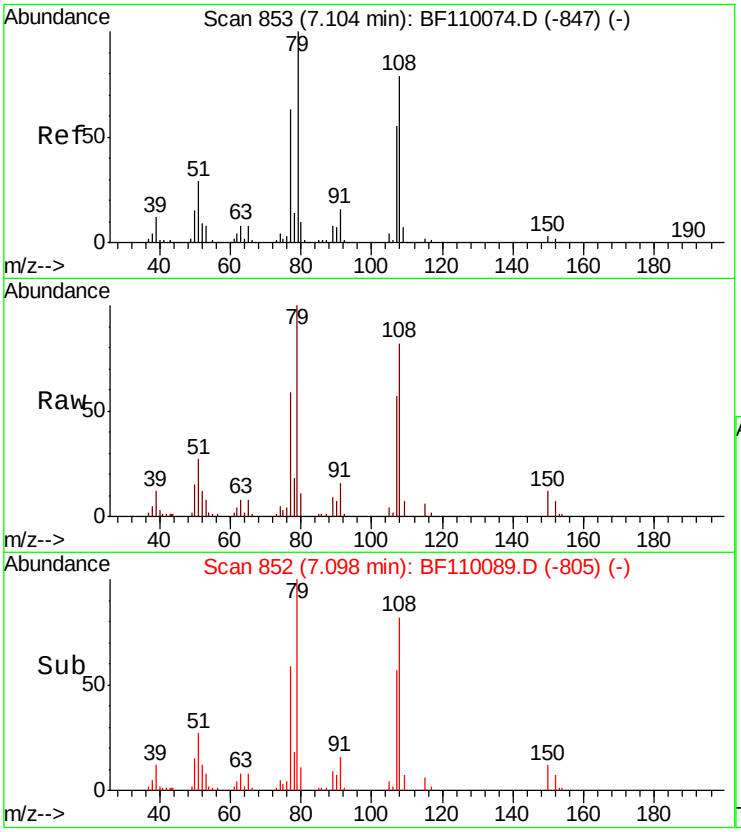


#14
1,2-Dichlorobenzene
Concen: 5.402 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:146 Resp: 70443

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.1	35.8	53.6



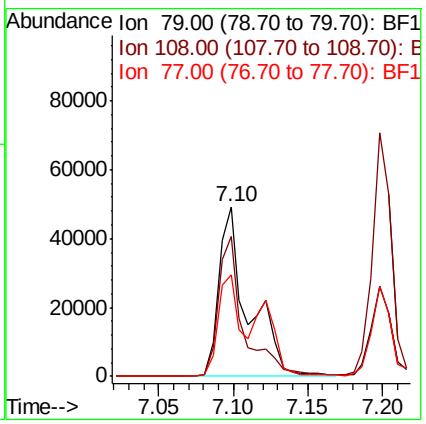


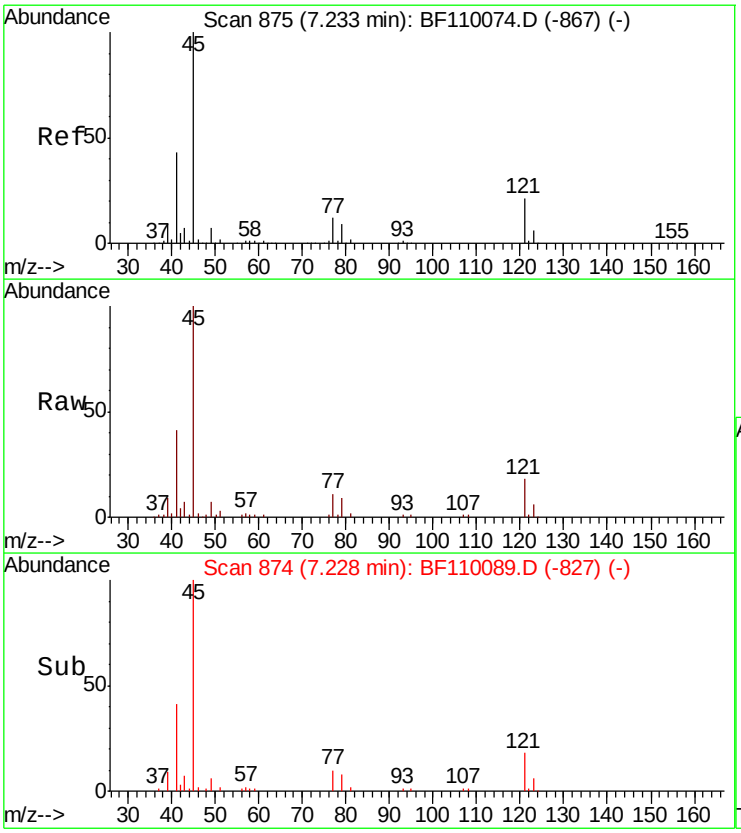
#15
Benzyl Alcohol
Concen: 6.338 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 68258

Ion	Ratio	Lower	Upper
79	100		
108	82.4	56.3	84.5
77	59.4	52.9	79.3

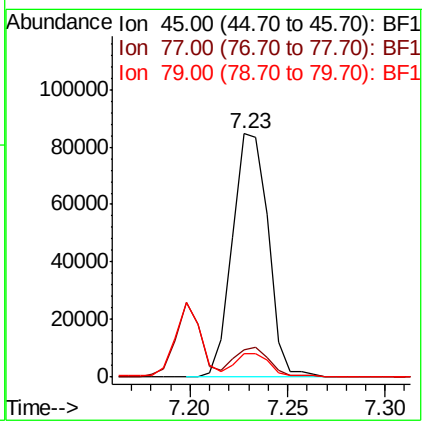


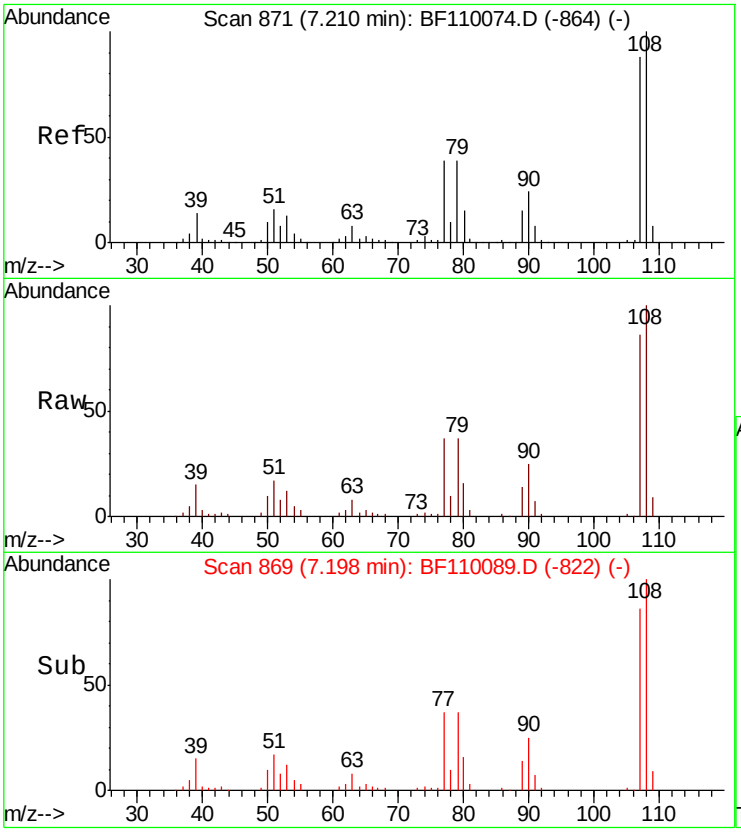


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.462 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 45 Resp: 107549

Ion	Ratio	Lower	Upper
45	100		
77	11.2	10.0	50.0
79	9.4	6.1	46.1



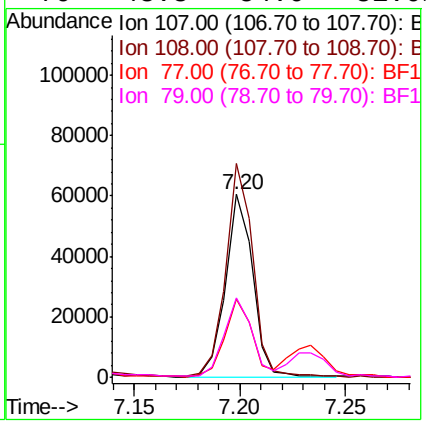


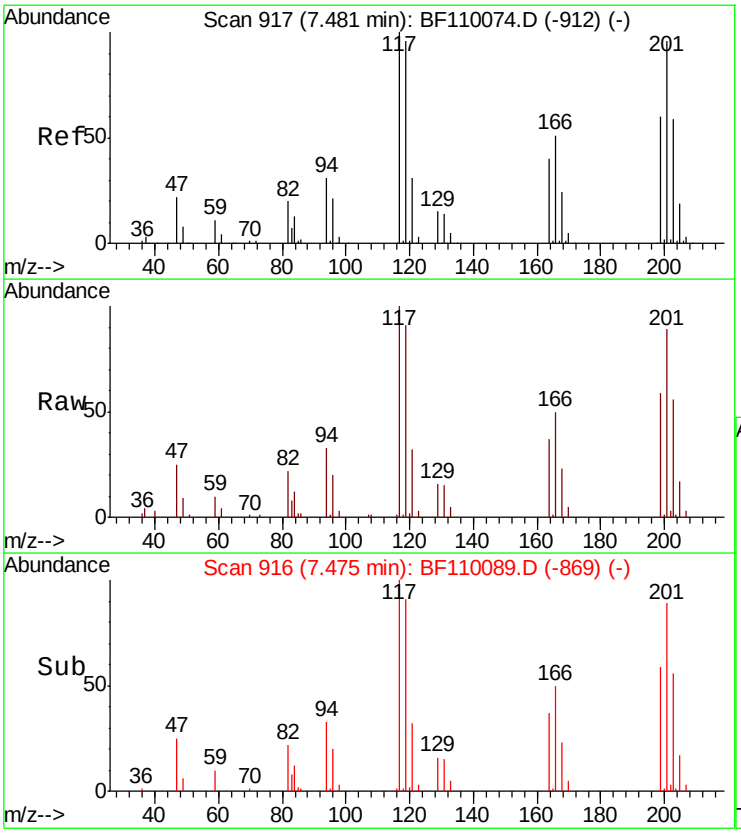
#17
2-Methylphenol
Concen: 5.378 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 54098

Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.6	138.8
77	43.0	59.4	89.2#
79	43.3	54.0	81.0#

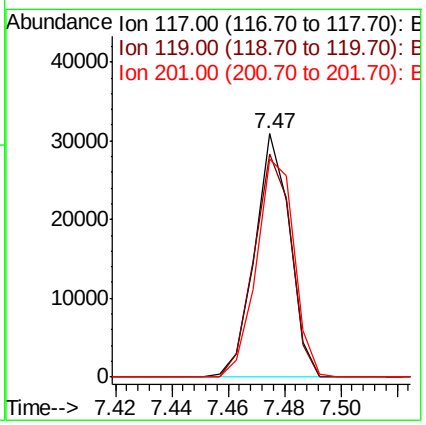


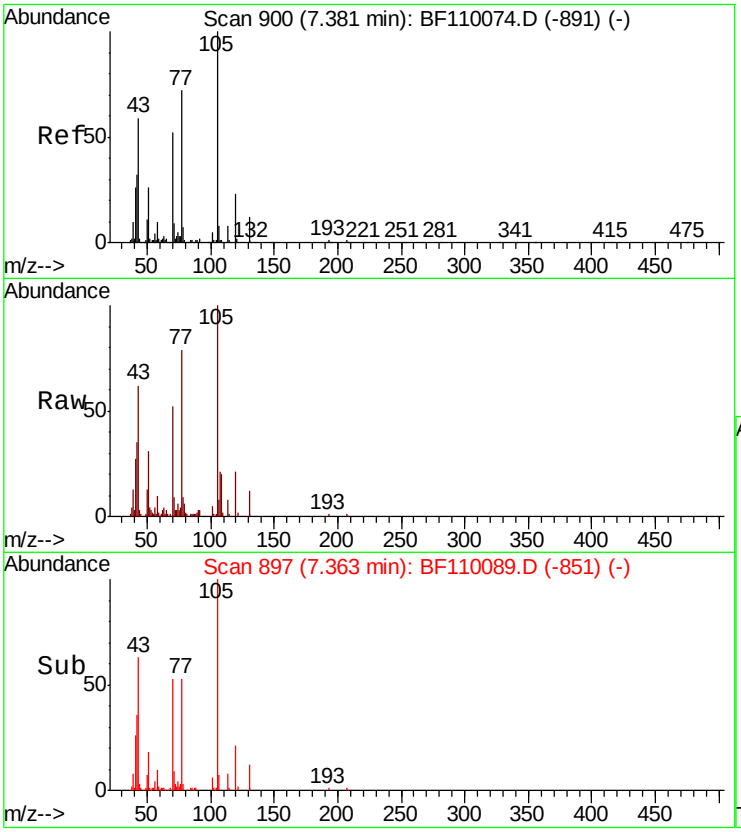


#18
Hexachloroethane
Concen: 5.186 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:117 Resp: 26672

Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.0	112.6
201	89.3	79.2	118.8



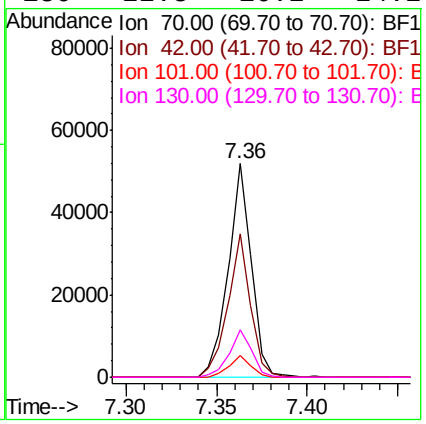


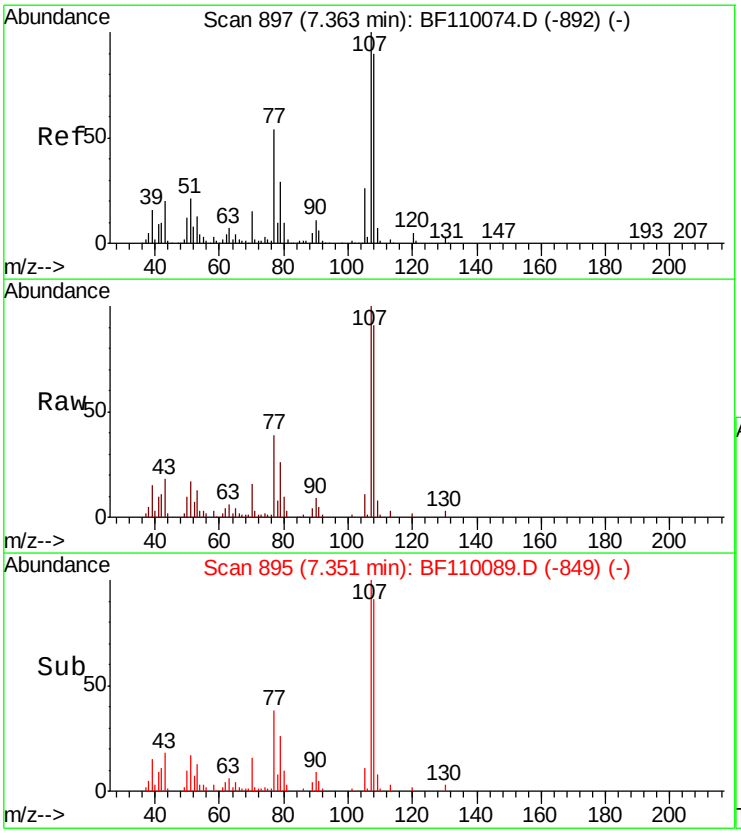
#19
n-Nitroso-di-n-propylamine
Concen: 5.183 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46563

Ion	Ratio	Lower	Upper
70	100		
42	67.3	47.4	71.2
101	10.5	7.3	10.9
130	22.3	16.2	24.2

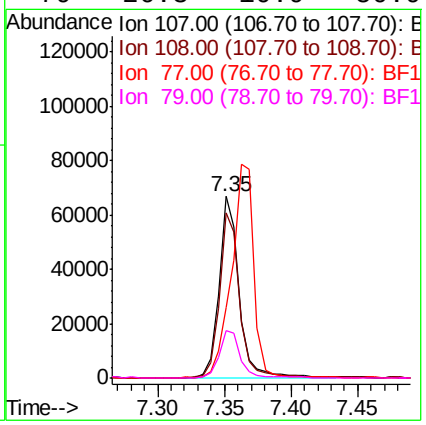


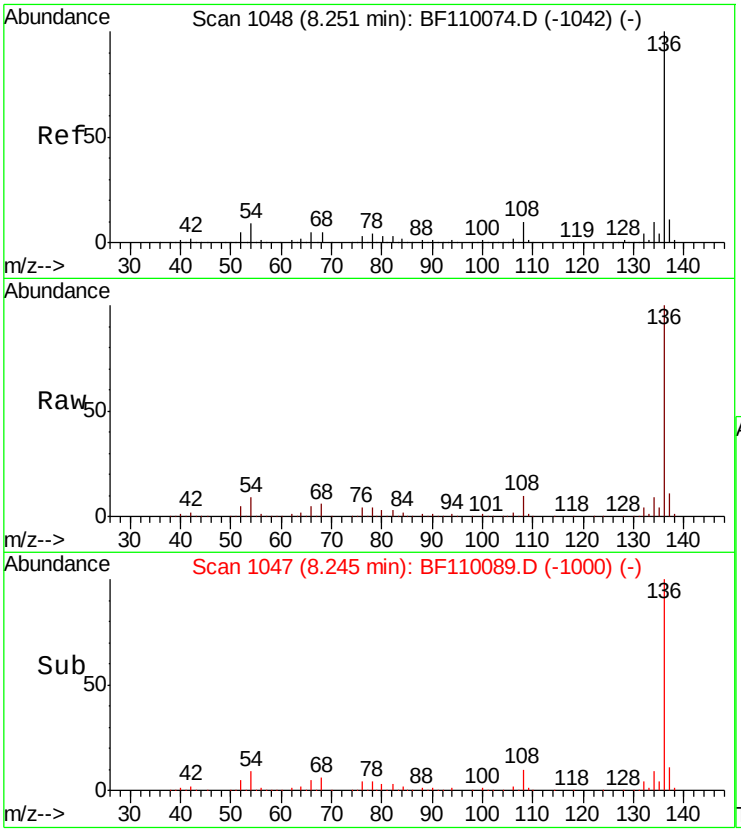


#20
3+4-Methylphenols
Concen: 5.484 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:107 Resp: 71300

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.4	111.4
77	38.9	47.3	87.3#
79	26.3	10.9	50.9



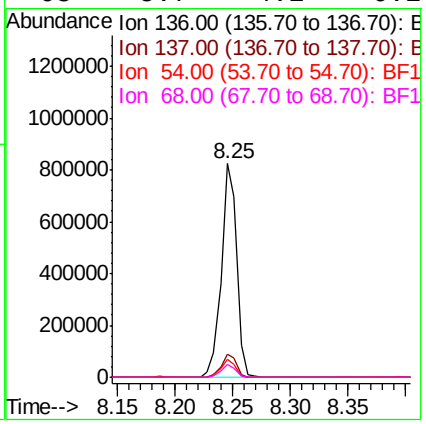


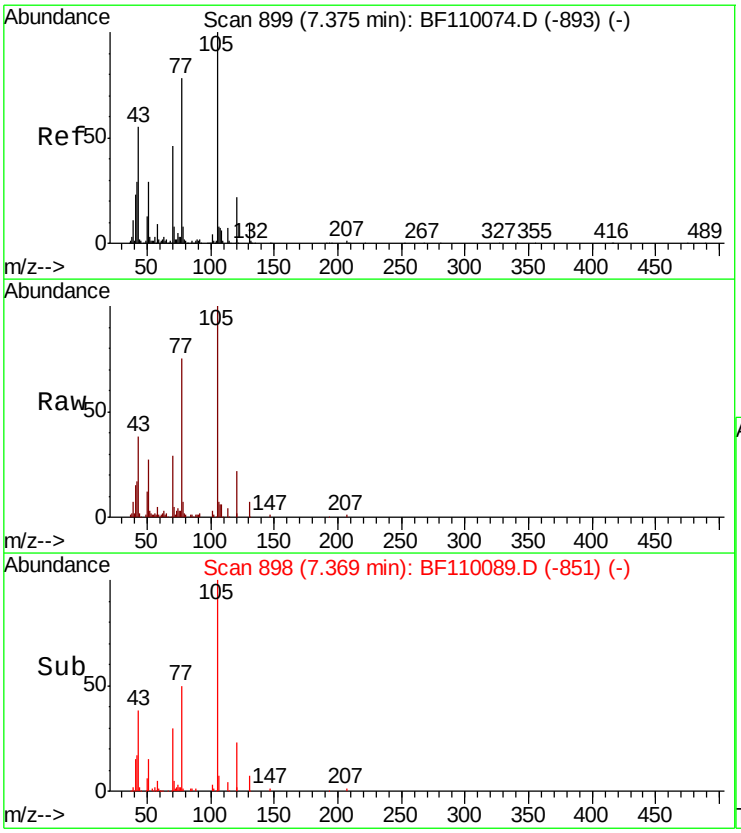
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 758697

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	5.4	8.2#
68	5.7	4.2	6.2

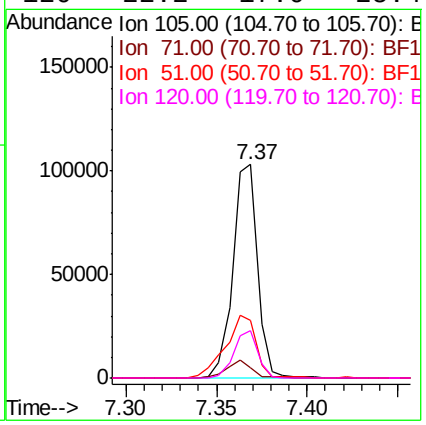


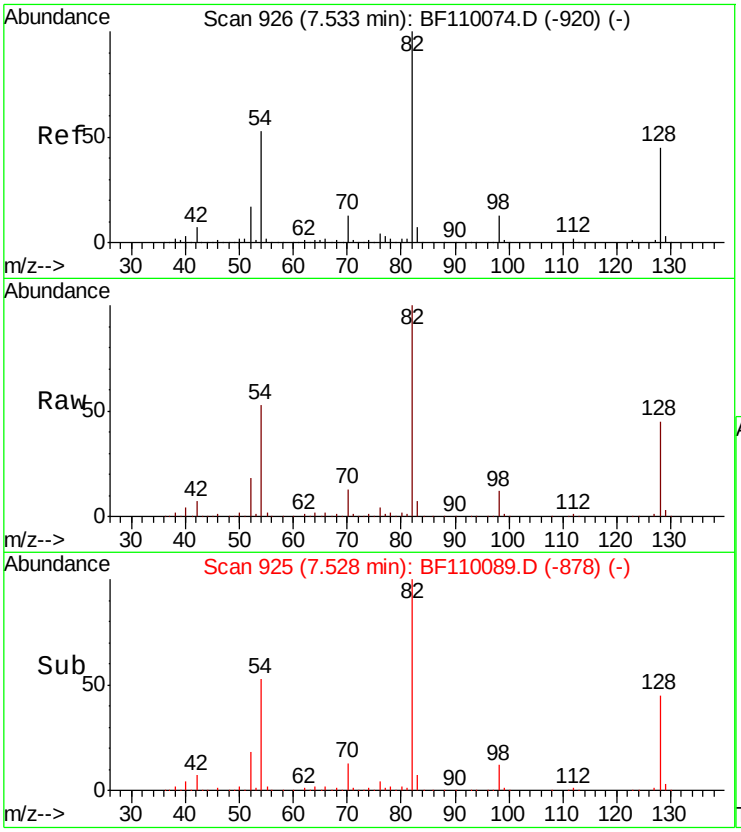


#22
Acetophenone
Concen: 5.577 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:105 Resp: 97497

Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.2	7.8#
51	26.9	21.8	32.8
120	22.2	17.0	25.4



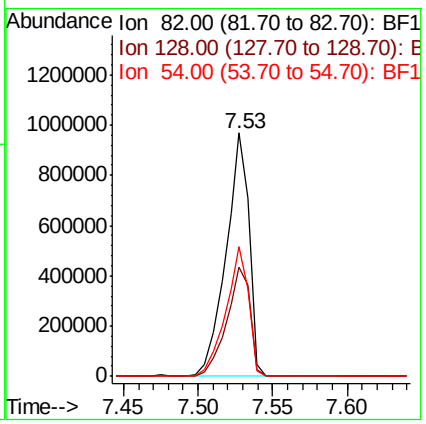


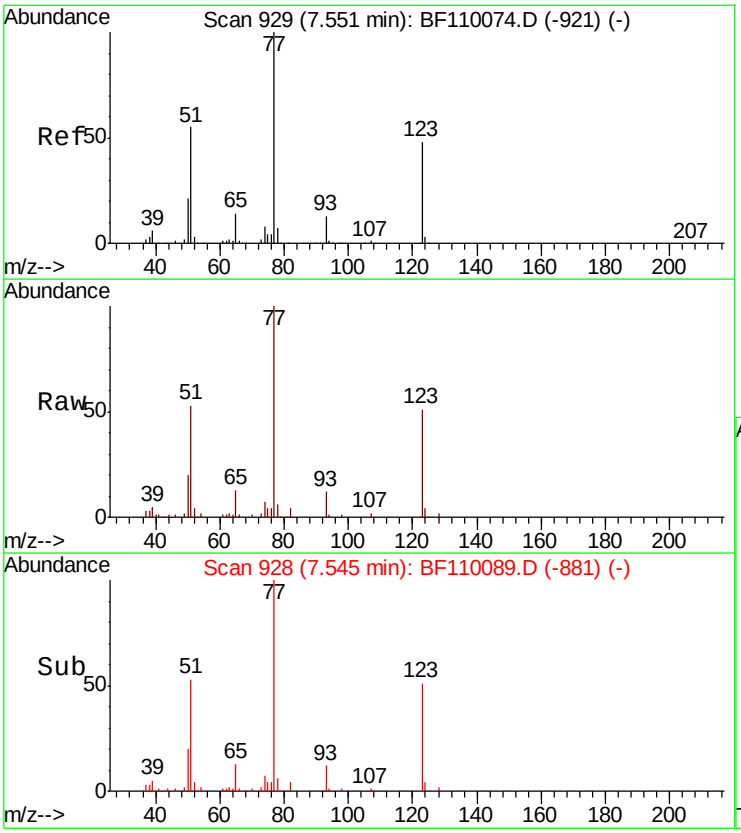
#23
Nitrobenzene-d5
Concen: 82.558 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1056032

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.3	38.6	58.0

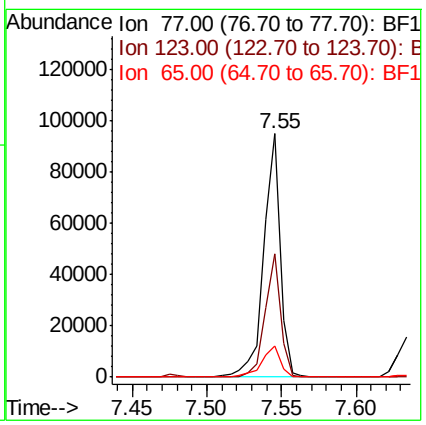


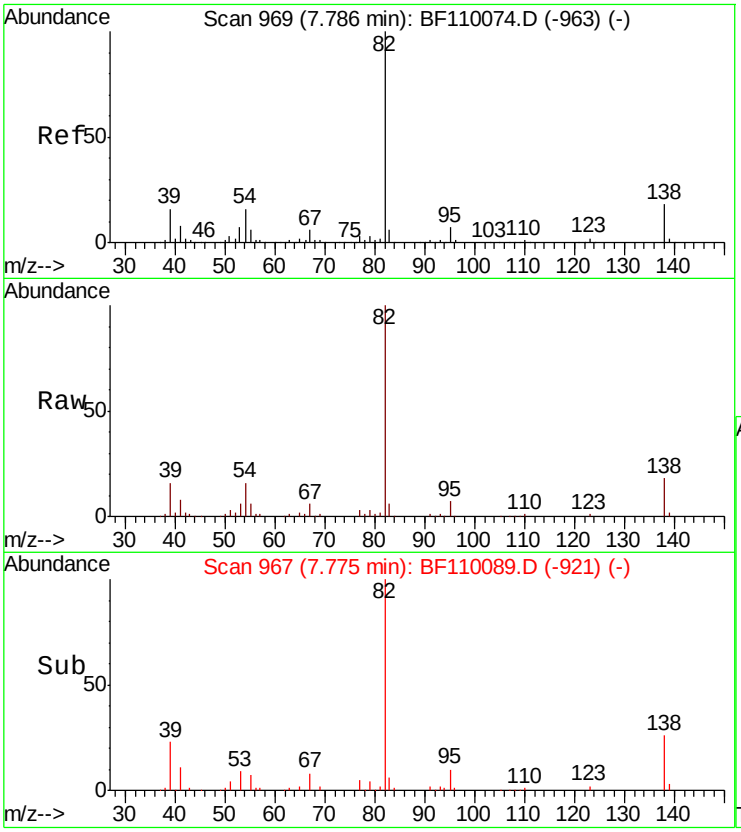


#24
Nitrobenzene
Concen: 5.460 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 77 Resp: 72111

Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.7	53.5
65	13.0	10.7	16.1



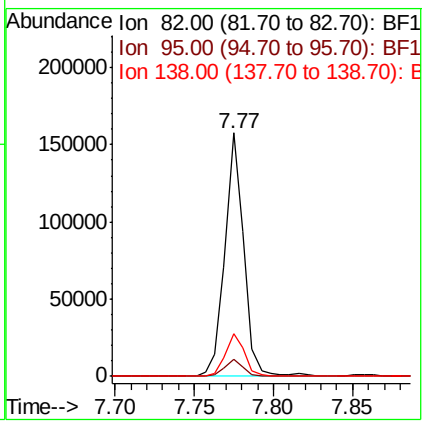


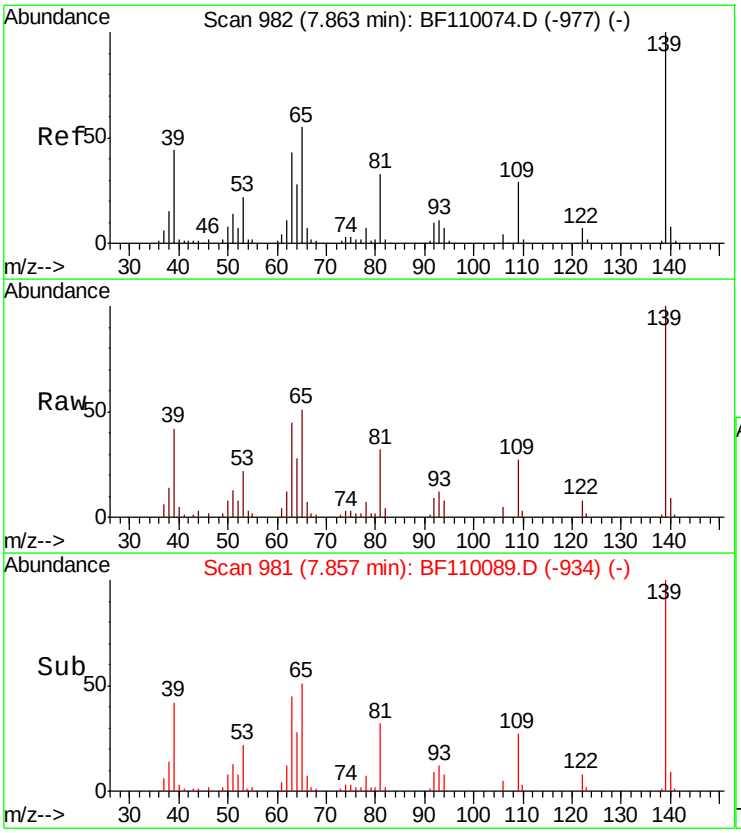
#25
Isophorone
Concen: 5.961 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 129981

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	17.6	13.2	19.8

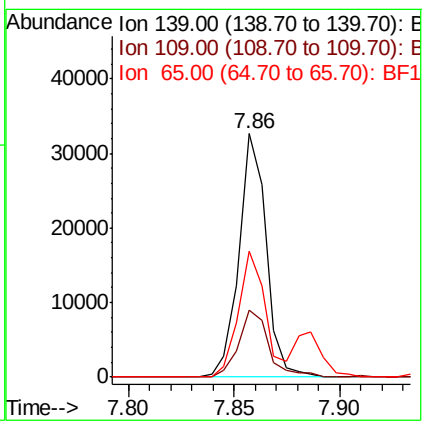


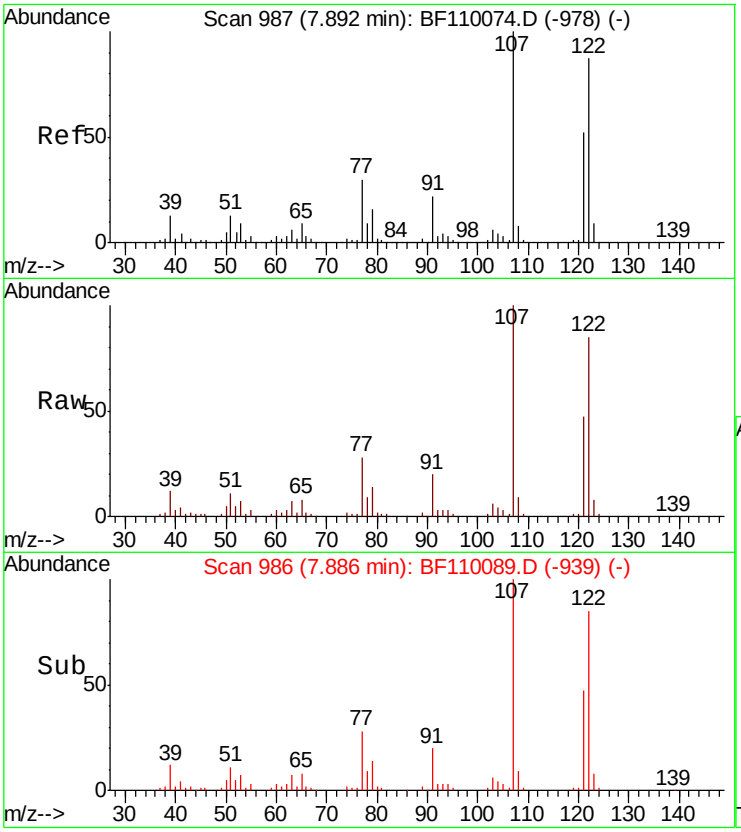


#26
2-Nitrophenol
Concen: 4.639 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:139 Resp: 29152

Ion	Ratio	Lower	Upper
139	100		
109	27.5	25.0	37.6
65	51.4	44.0	66.0



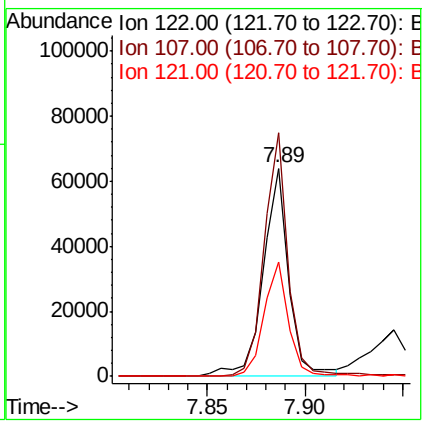


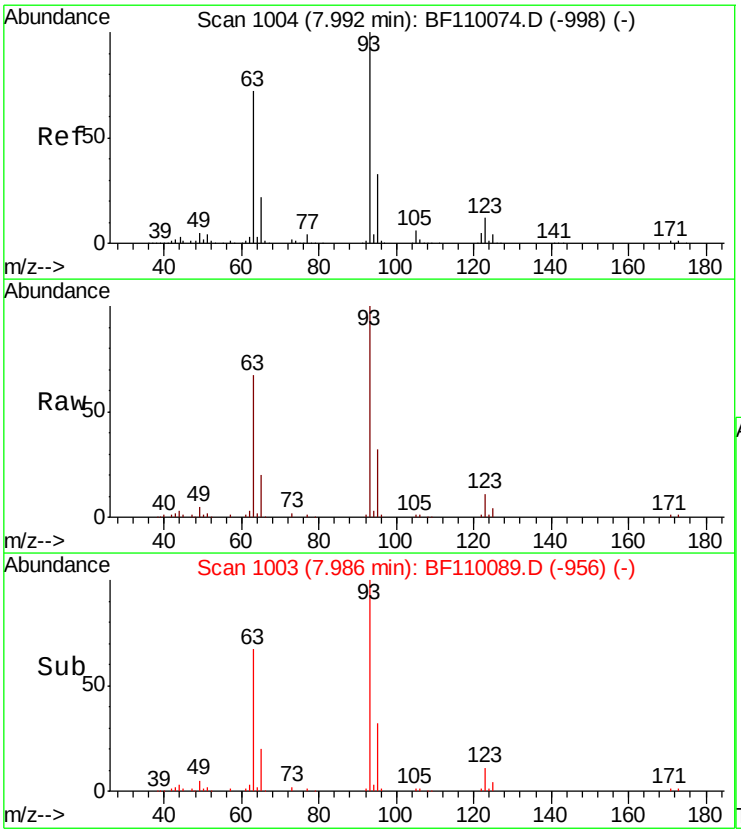
#27
2,4-Dimethylphenol
Concen: 5.586 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 58205

Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.5	138.7
121	55.1	45.8	68.8

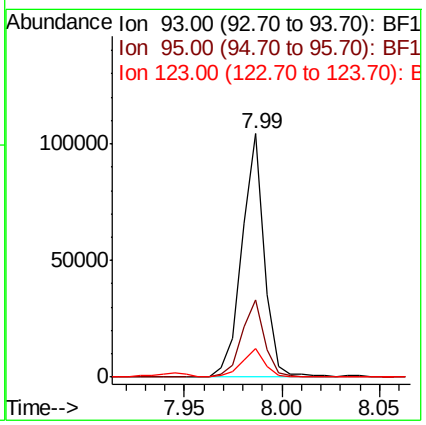


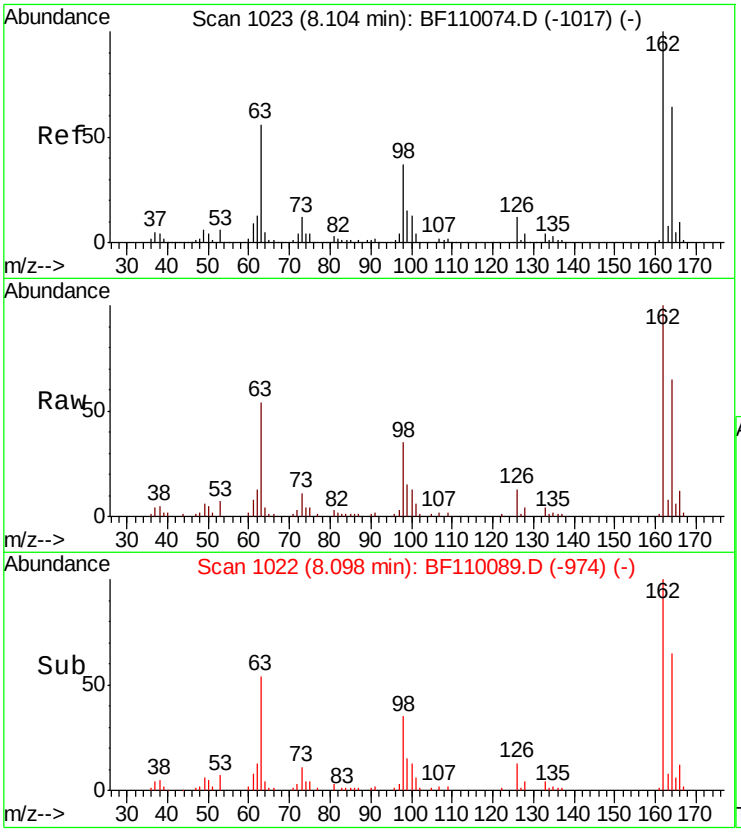


#28
bis(2-Chloroethoxy)methane
Concen: 5.603 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 93 Resp: 82997

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.4	39.6
123	11.5	9.0	13.6



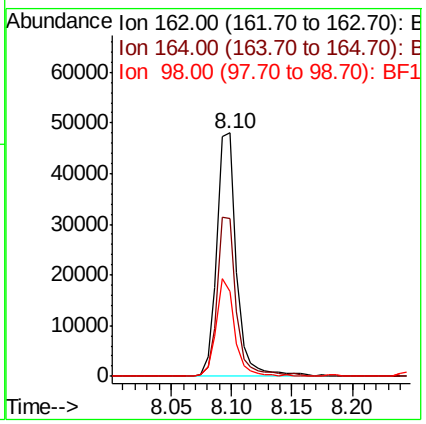


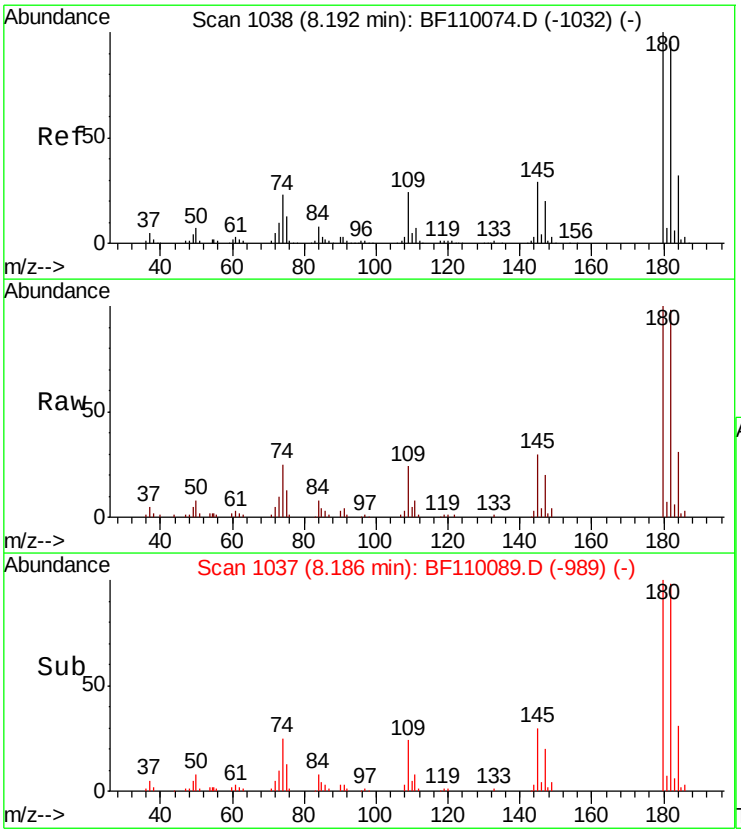
#29
2,4-Dichlorophenol
Concen: 5.139 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 54097

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	35.1	17.4	57.4

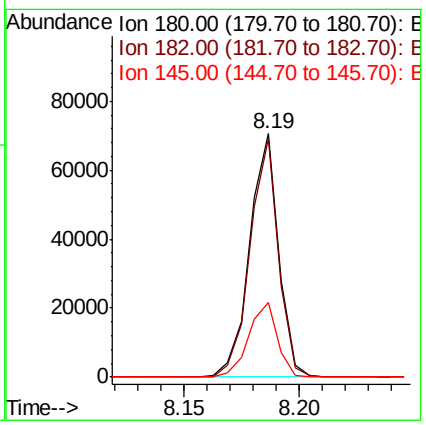


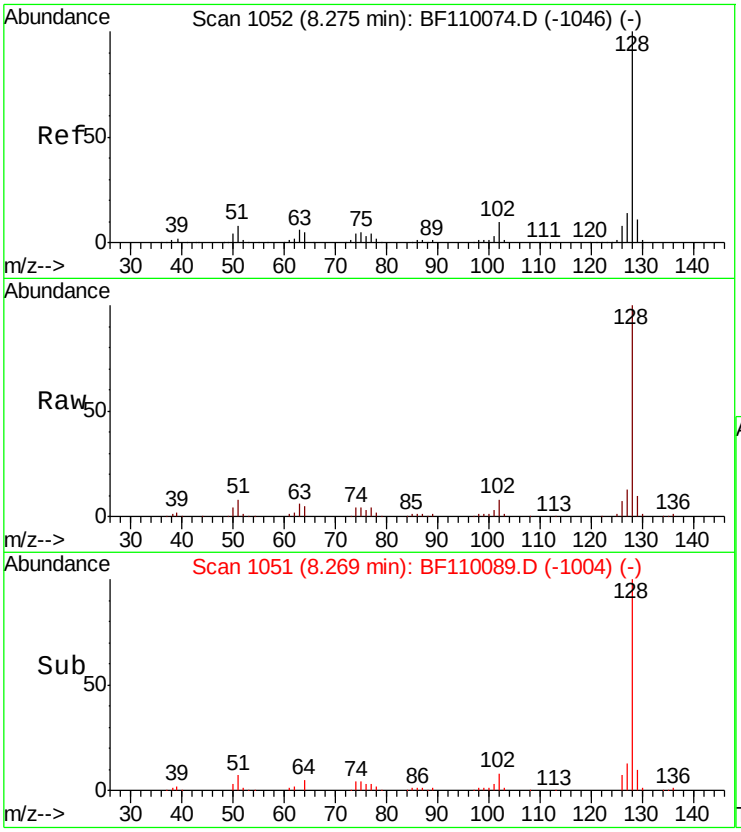


#30
1,2,4-Trichlorobenzene
Concen: 5.243 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:180 Resp: 61820

Ion	Ratio	Lower	Upper
180	100		
182	97.9	80.3	120.5
145	30.5	25.4	38.0



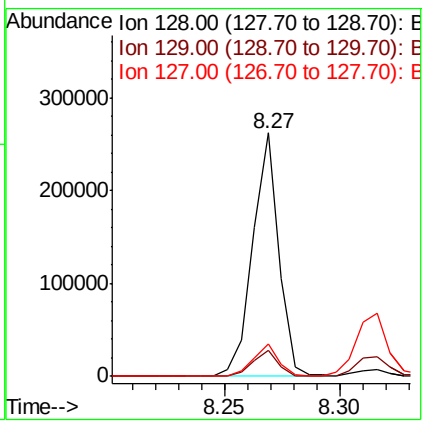


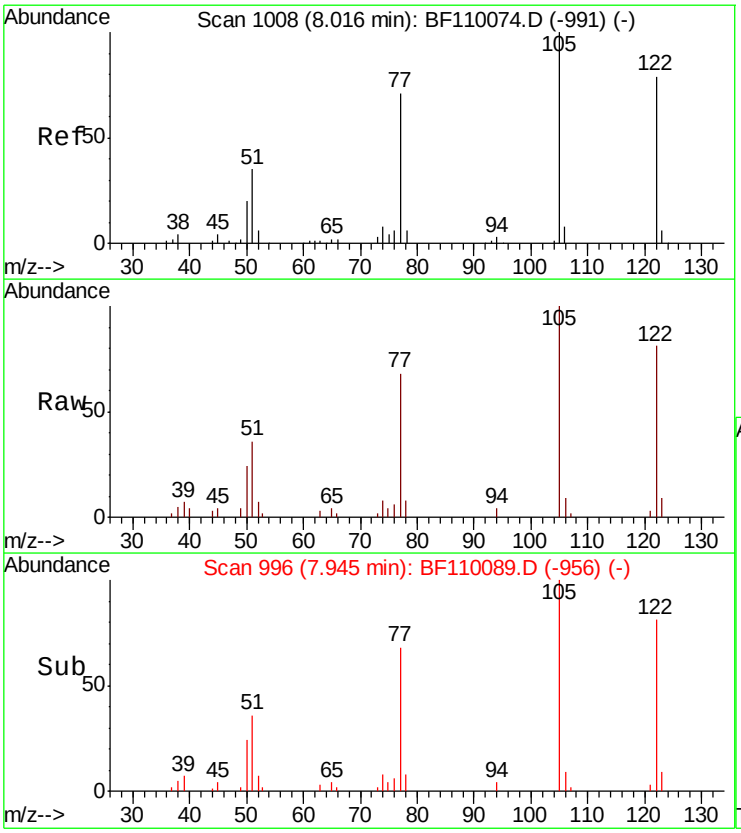
#31
Naphthalene
Concen: 5.952 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 208134

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.1	10.8	16.2

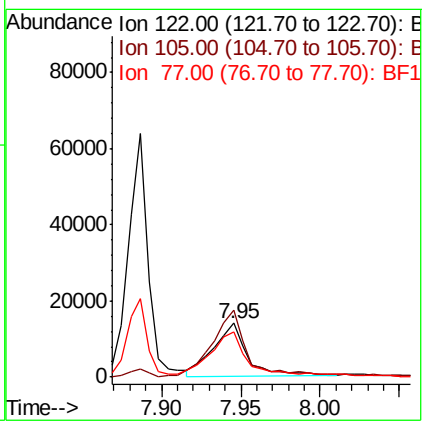


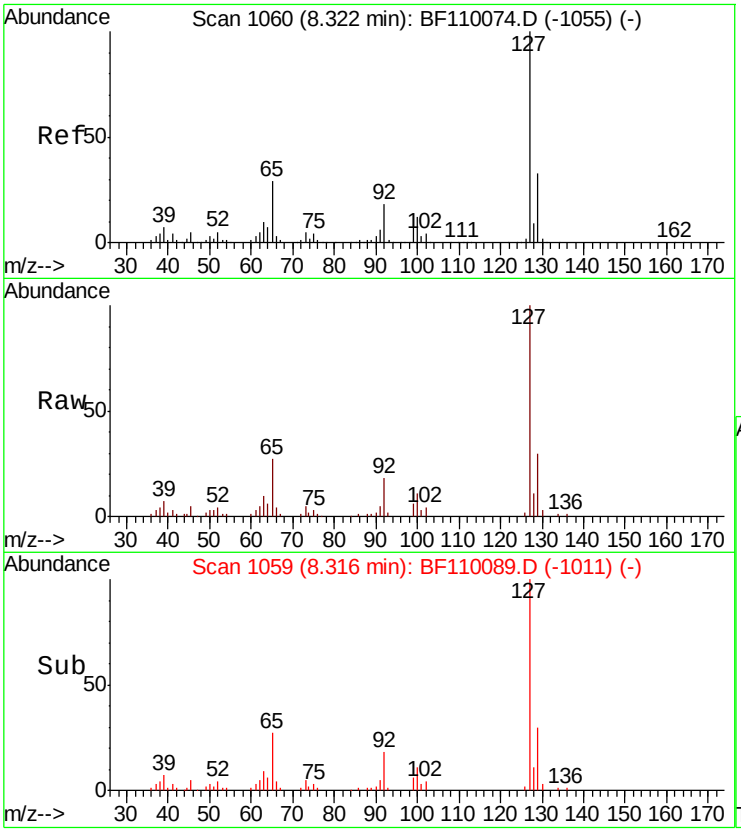


#32
Benzoic acid
Concen: 2.519 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.06 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:122 Resp: 20285

Ion	Ratio	Lower	Upper
122	100		
105	123.5	109.0	149.0
77	83.8	79.0	119.0



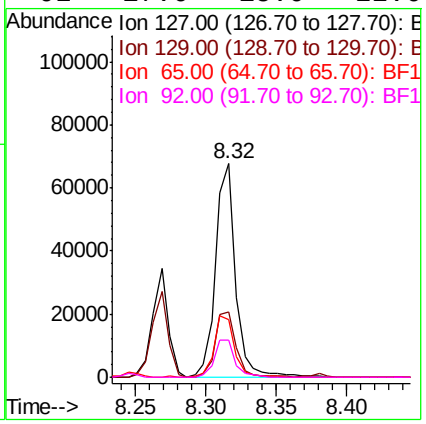


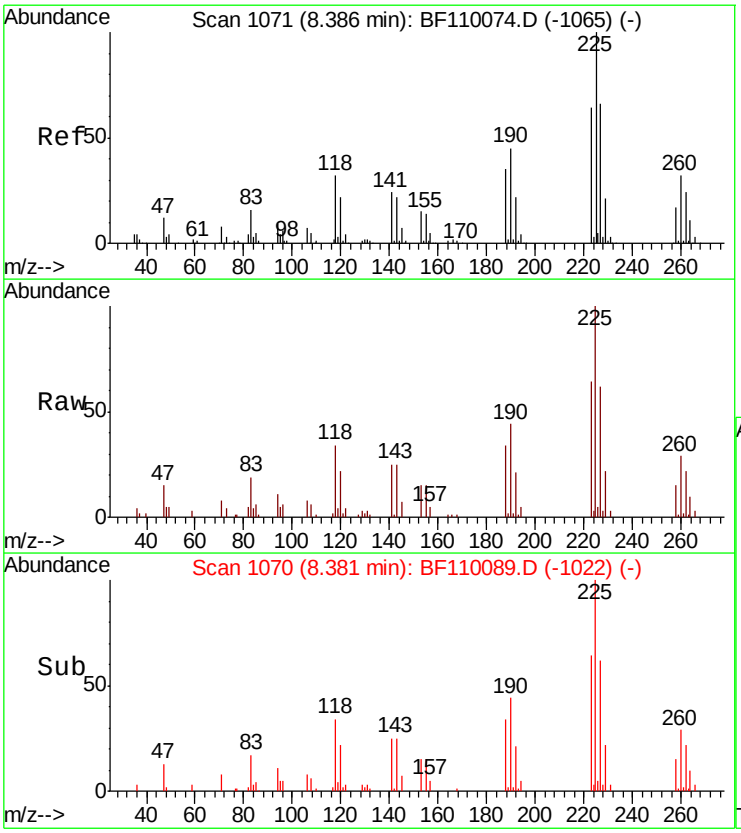
#33
4-Chloroaniline
Concen: 4.258 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 67015

Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.0	39.0
65	27.1	25.1	37.7
92	17.6	15.0	22.6

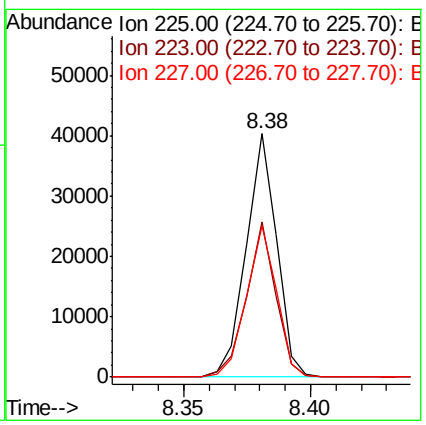


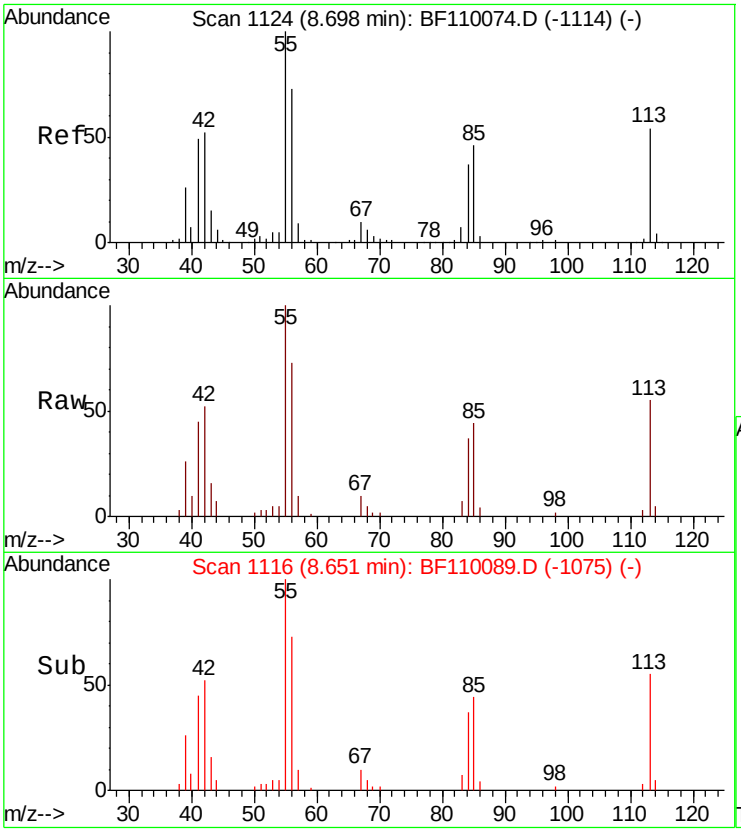


#34
Hexachlorobutadiene
Concen: 5.155 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:225 Resp: 33745

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.2
227	62.4	51.0	76.6



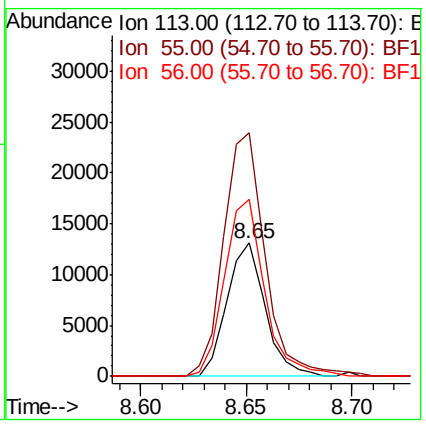


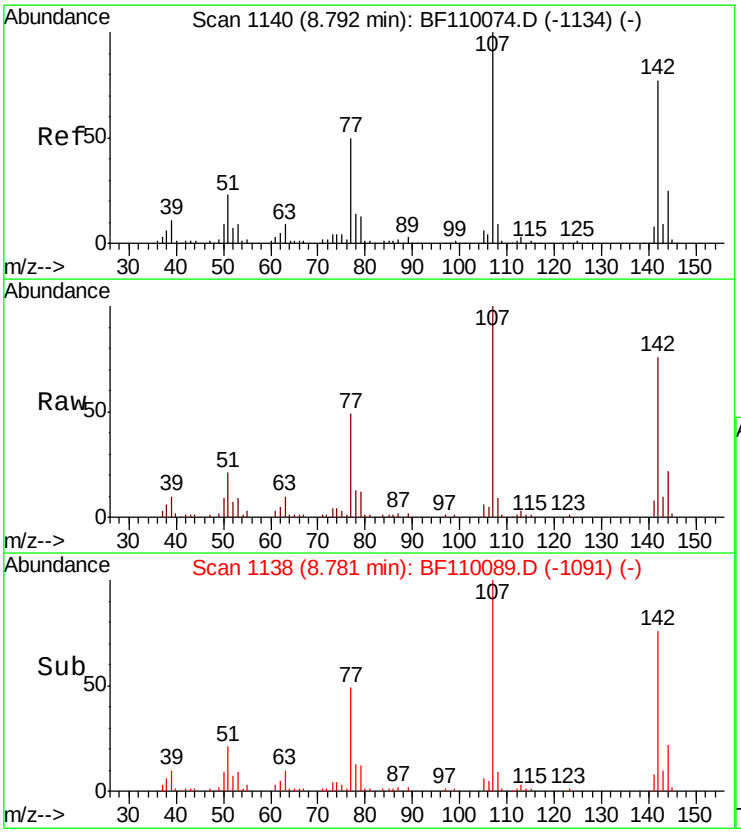
#35
Caprolactam
Concen: 4.467 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 16388

Ion	Ratio	Lower	Upper
113	100		
55	182.9	142.8	182.8#
56	132.6	105.0	145.0

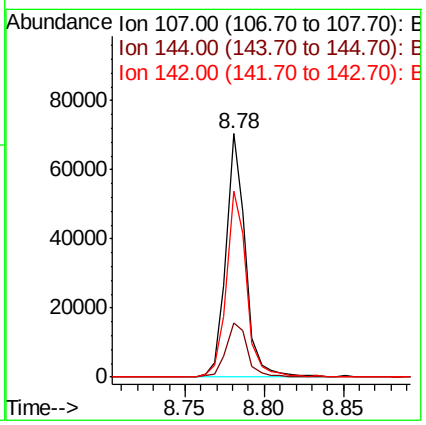


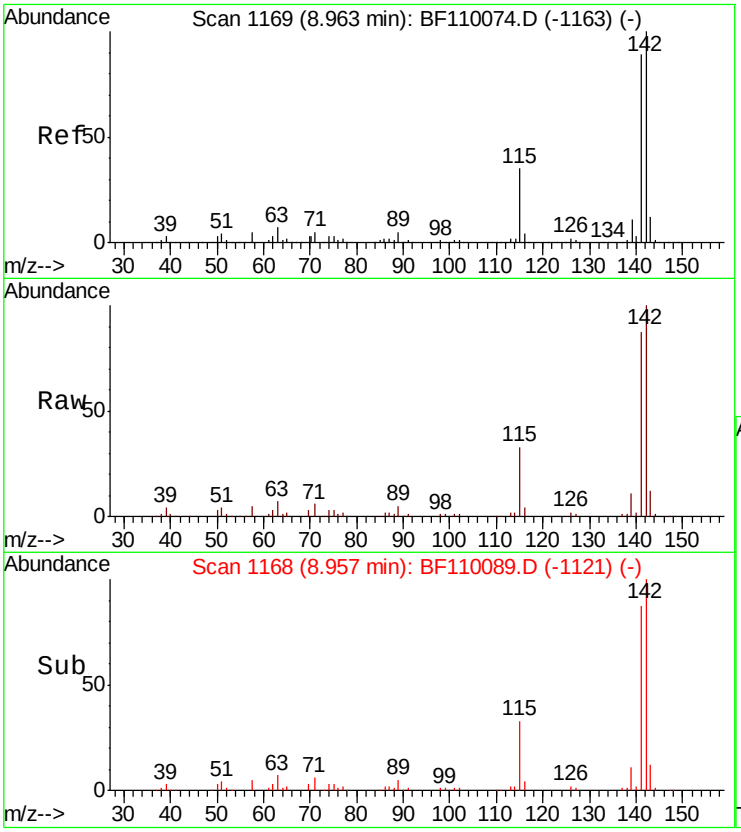


#36
4-Chloro-3-methylphenol
Concen: 5.255 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:107 Resp: 59817

Ion	Ratio	Lower	Upper
107	100		
144	22.1	20.0	30.0
142	76.2	59.7	89.5



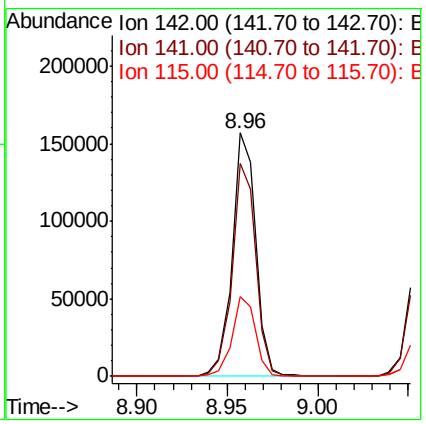


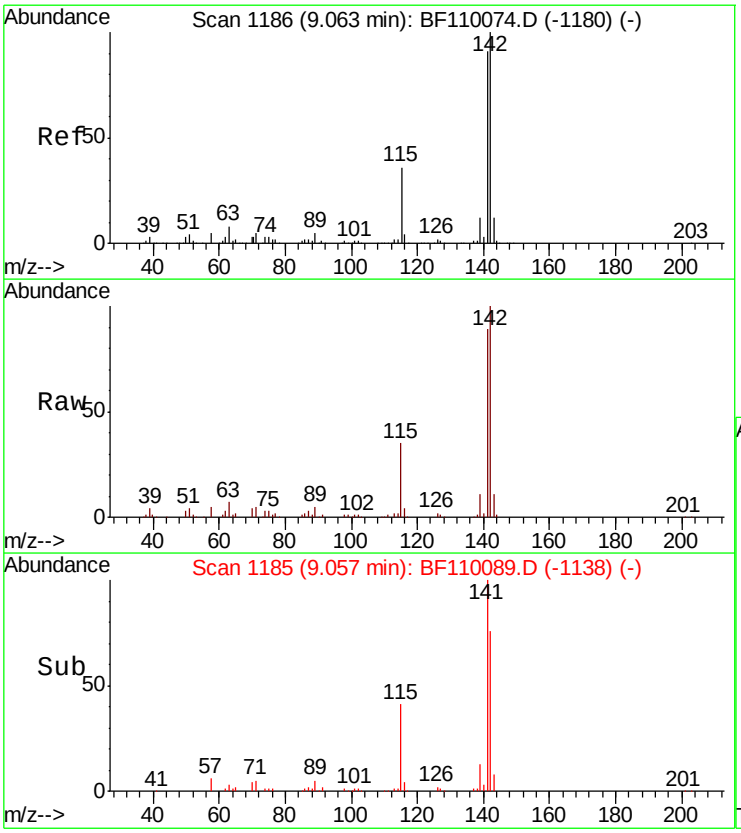
#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 141630

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.2
115	33.0	28.7	43.1

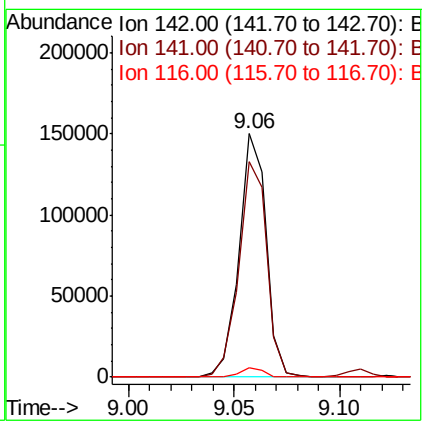


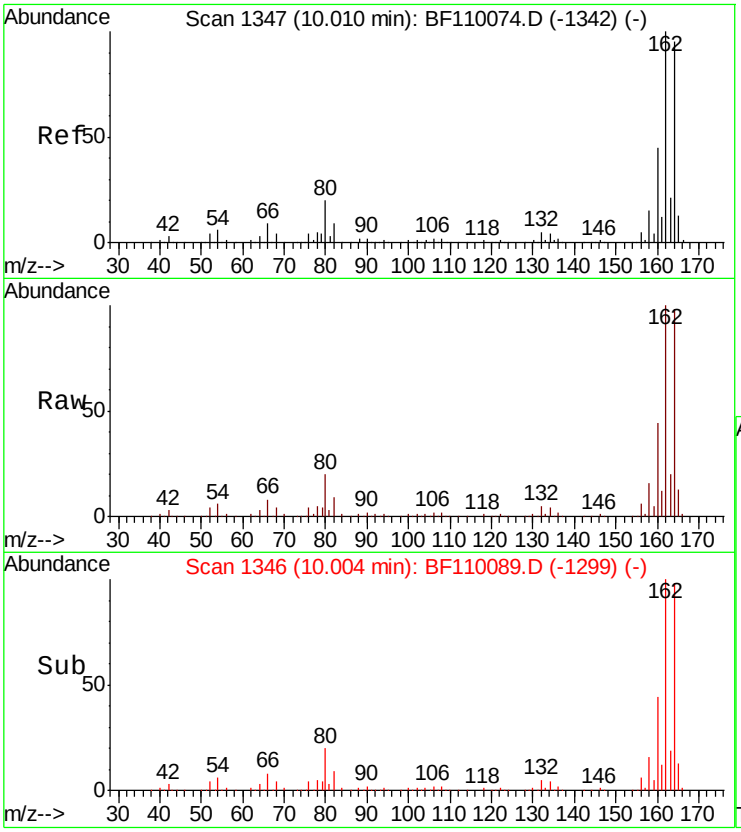


#38
1-Methylnaphthalene
Concen: 5.951 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:142 Resp: 133041

Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.2	111.4
116	3.6	2.6	4.0



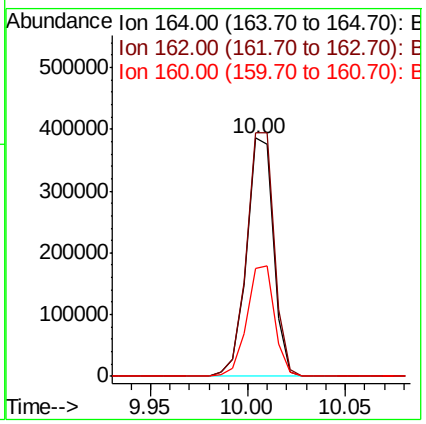


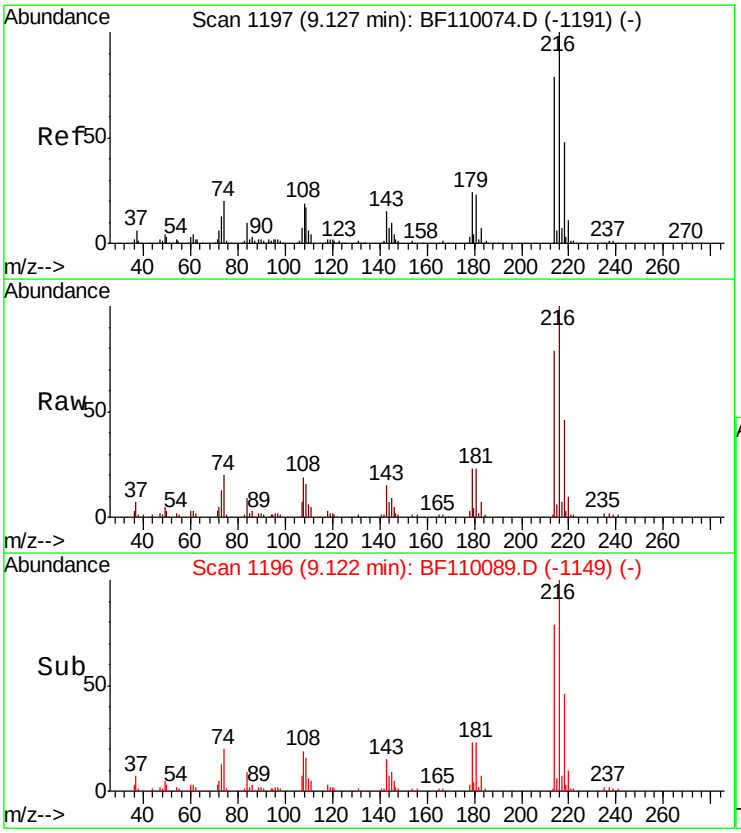
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 369248

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.6
160	45.4	37.0	55.6

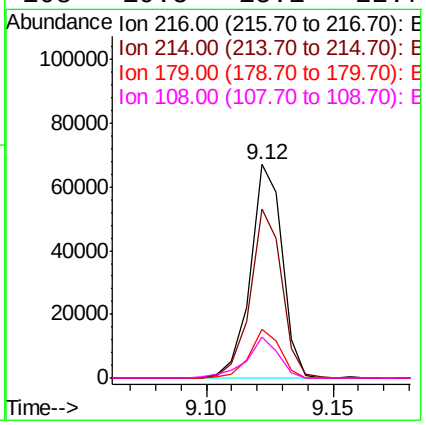


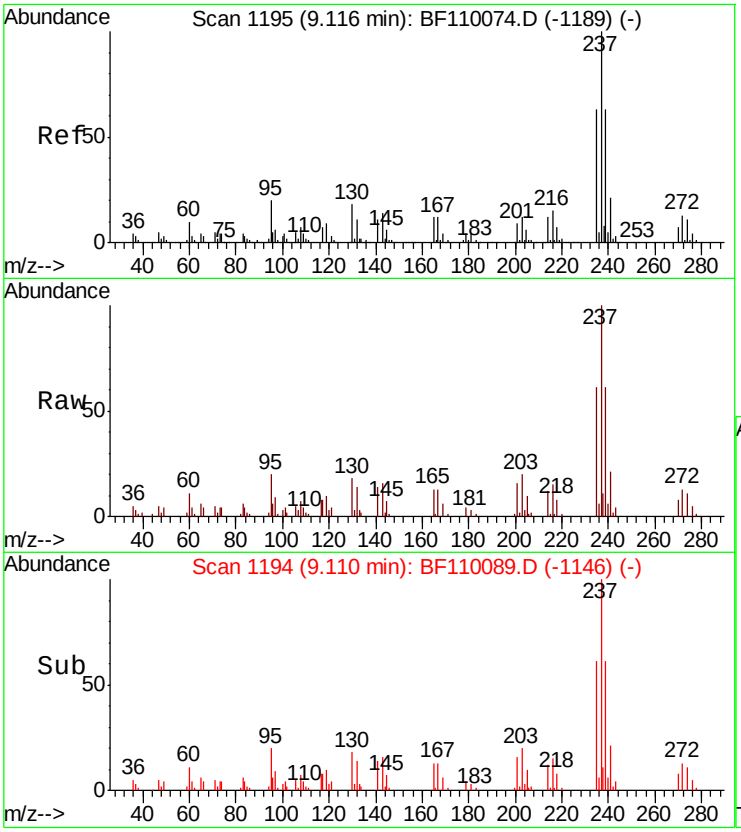


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.124 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:216 Resp: 58948

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.0	16.6	25.0
108	19.5	15.1	22.7



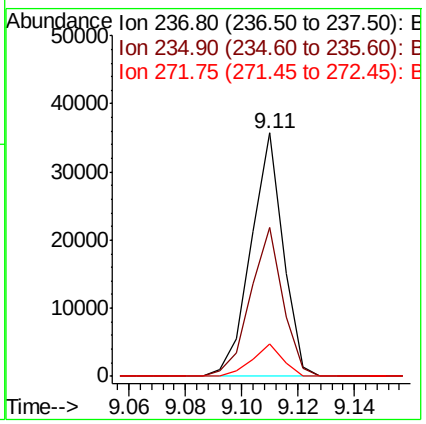


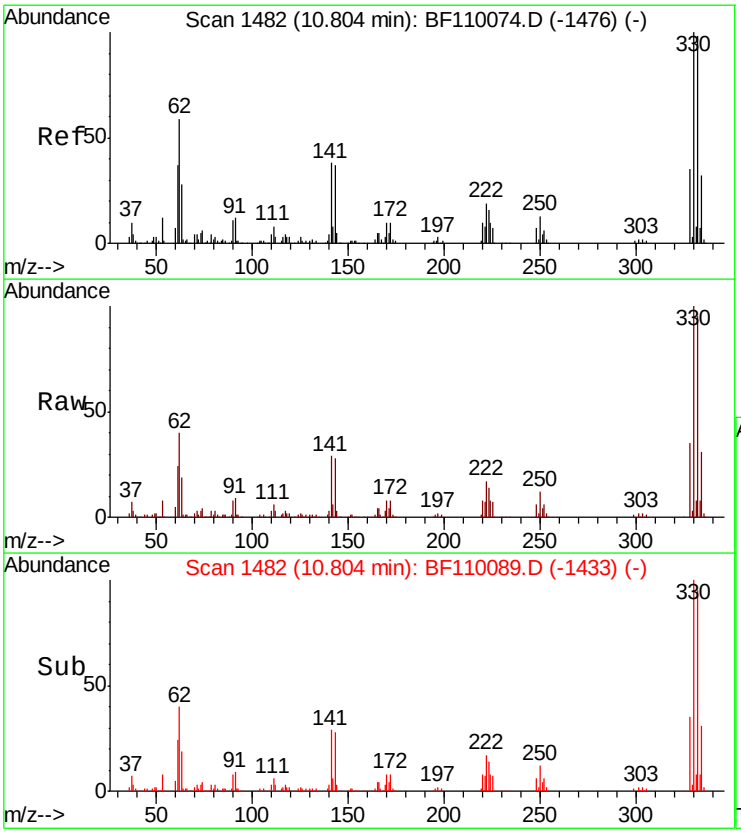
#41
Hexachlorocyclopentadiene
Concen: 4.804 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 28260

Ion	Ratio	Lower	Upper
237	100		
235	61.1	43.1	83.1
272	13.2	0.0	32.6

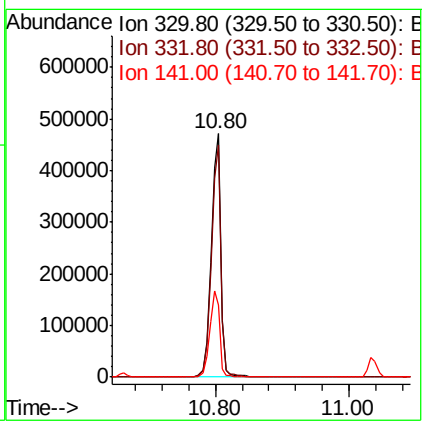


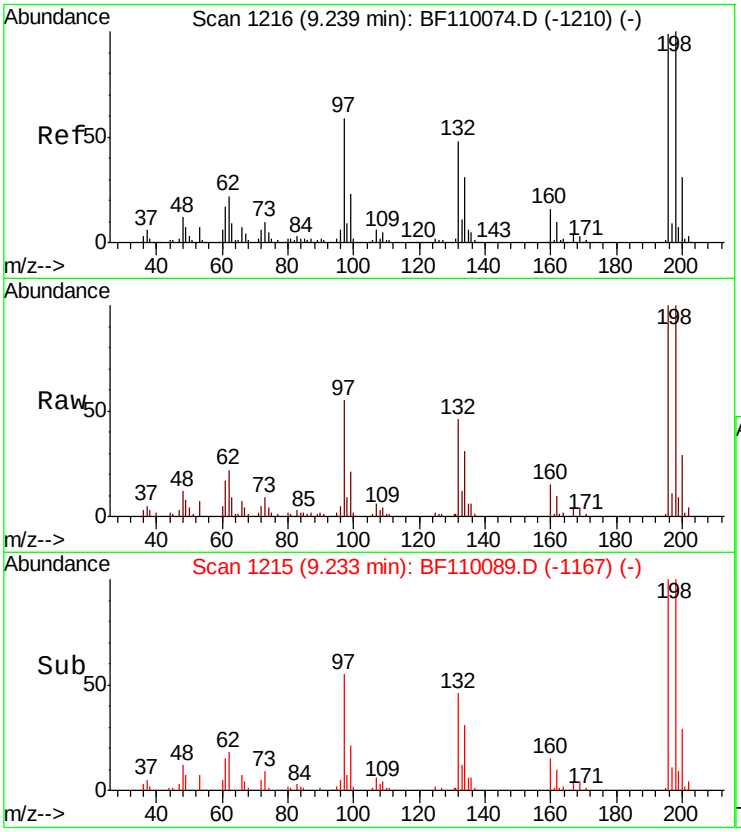


#42
2,4,6-Tribromophenol
Concen: 129.360 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:330 Resp: 473153

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	36.8	27.0	40.4



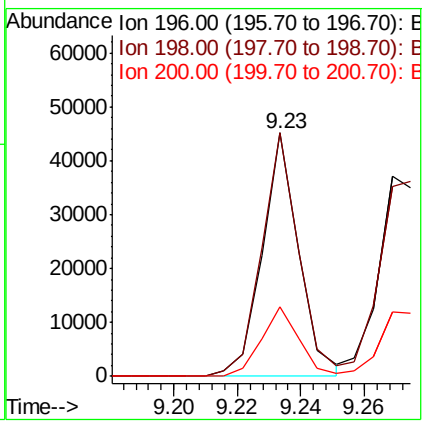


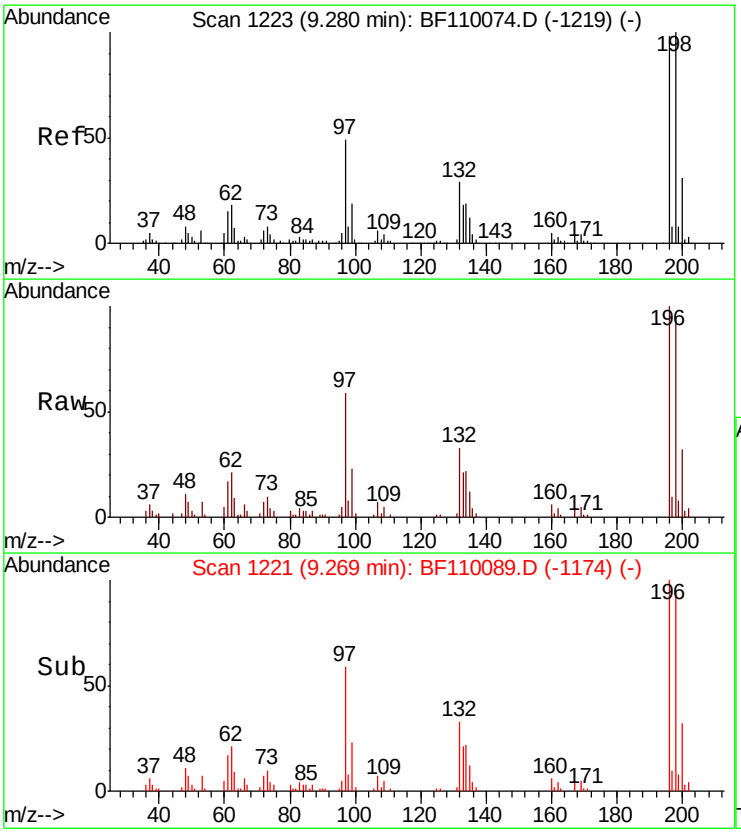
#43
2,4,6-Trichlorophenol
Concen: 4.882 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 36225

Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
200	28.7	24.4	36.6

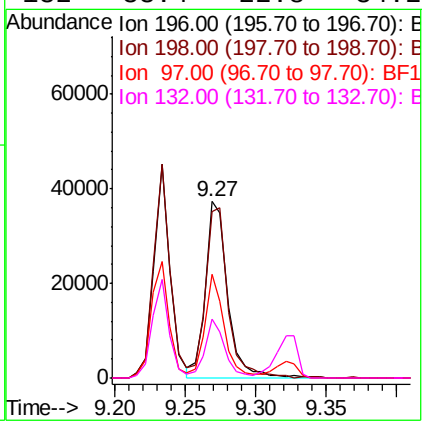


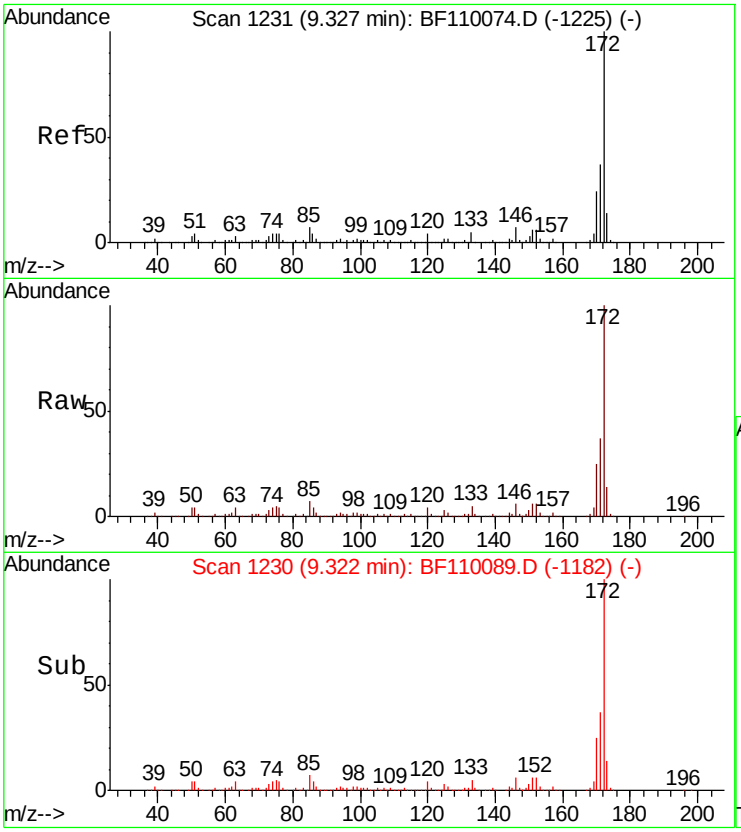


#44
2,4,5-Trichlorophenol
Concen: 5.238 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:196 Resp: 41087

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
97	58.9	42.4	63.6
132	33.4	22.8	34.2

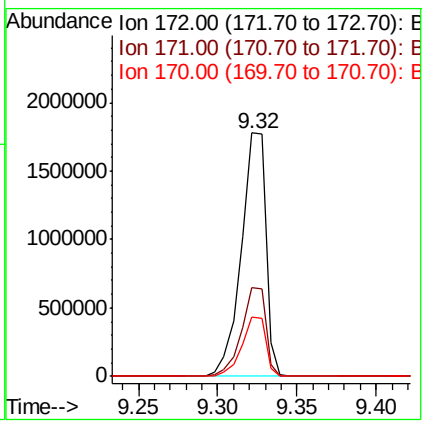




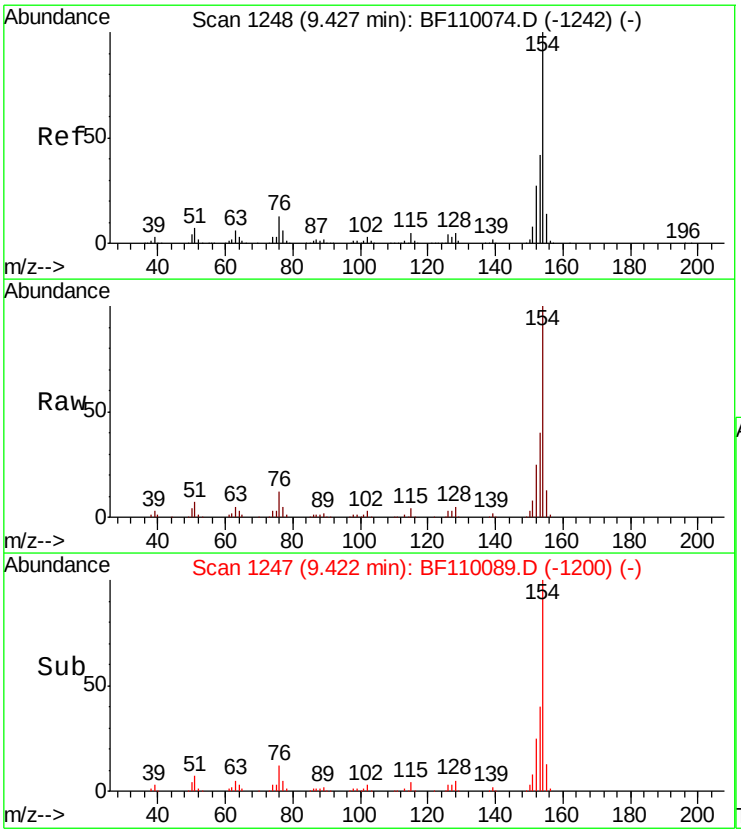
#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:172 Resp: 1912143

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.7	29.5



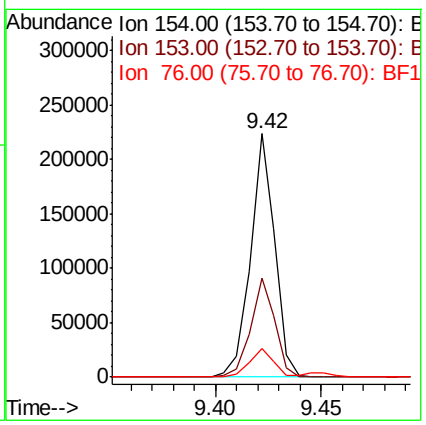
Instrument :
BNA_F
ClientSampleId :

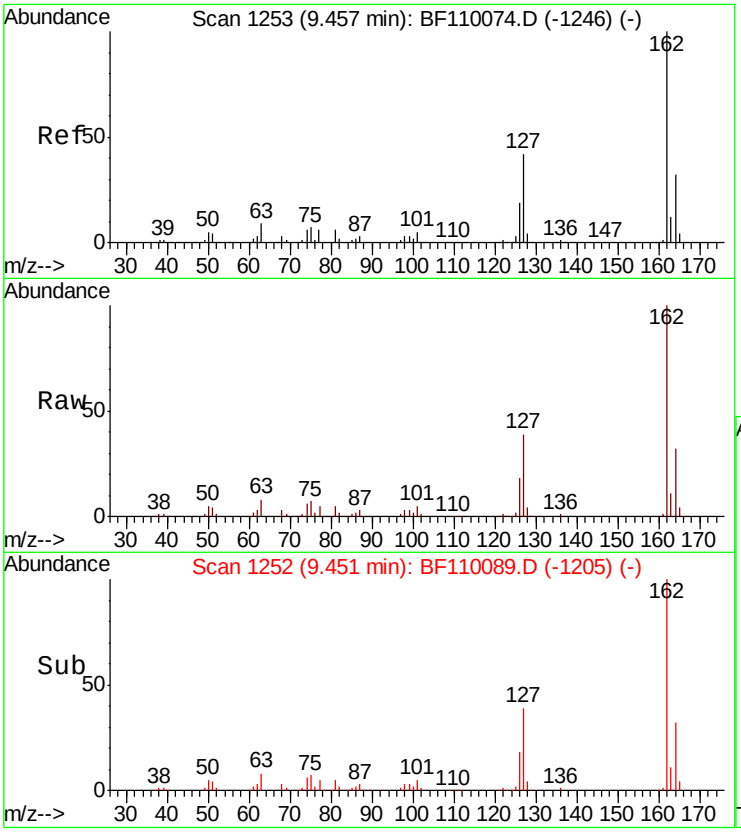


#46
1,1'-Biphenyl
Concen: 5.329 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:154 Resp: 177930

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	11.6	0.0	31.9



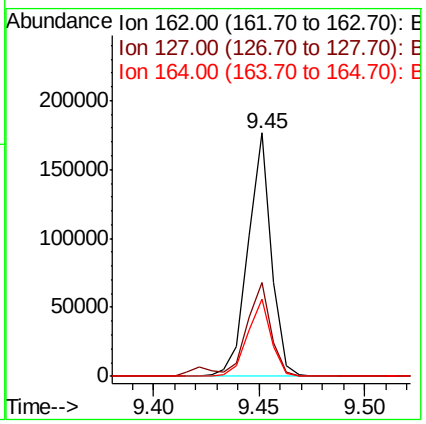


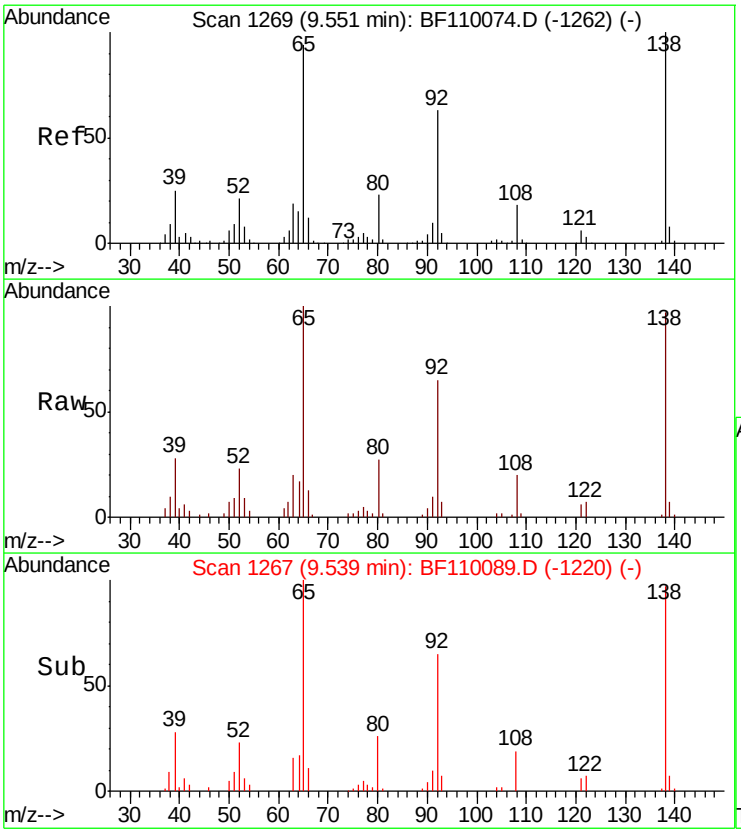
#47
2-Chloronaphthalene
Concen: 5.537 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 135618

Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.6	48.8
164	31.9	25.9	38.9

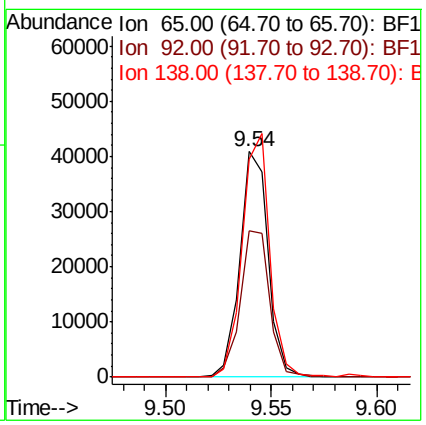


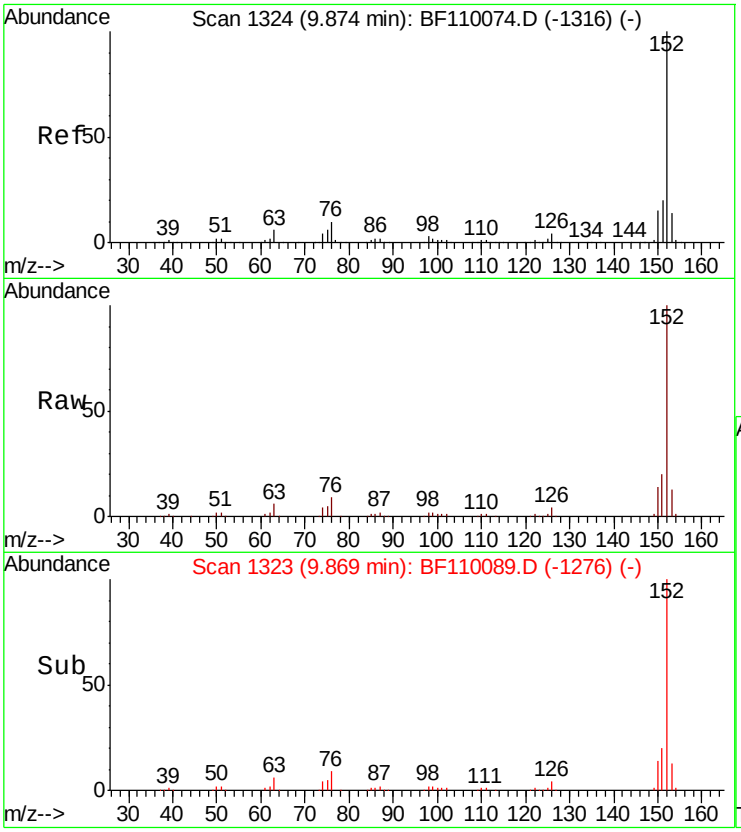


#48
2-Nitroaniline
Concen: 5.089 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion: 65 Resp: 37769

Ion	Ratio	Lower	Upper
65	100		
92	65.1	54.6	81.8
138	96.9	80.3	120.5



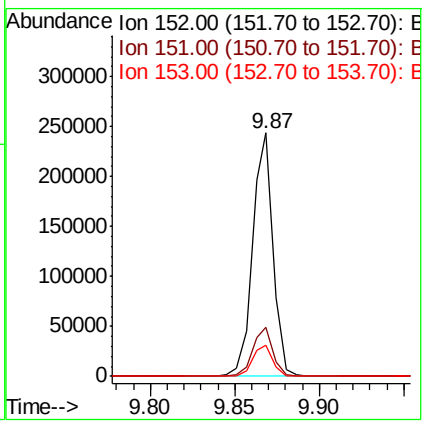


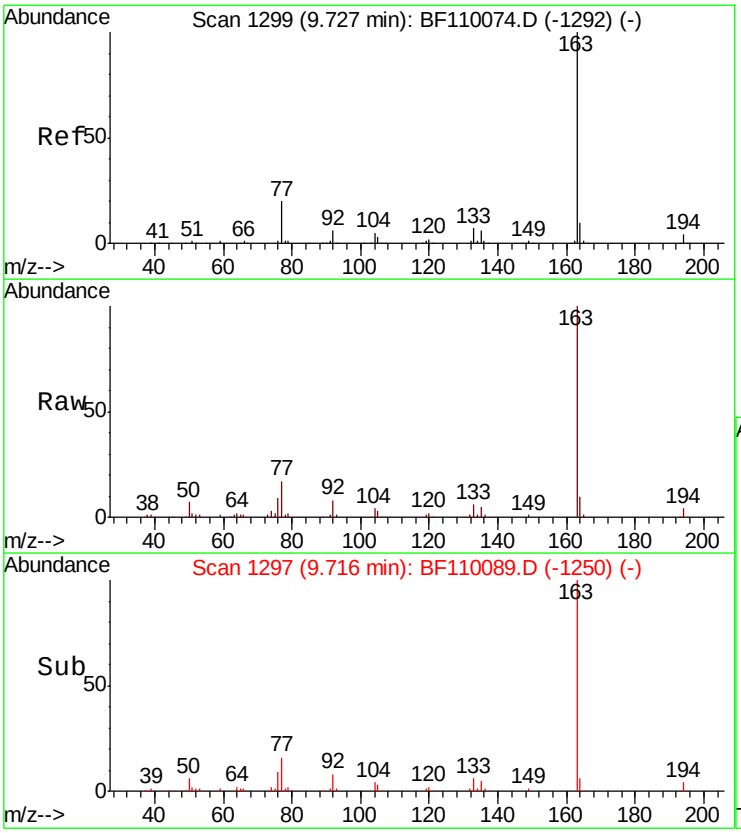
#49
Acenaphthylene
Concen: 5.827 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 206135

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.4	15.6

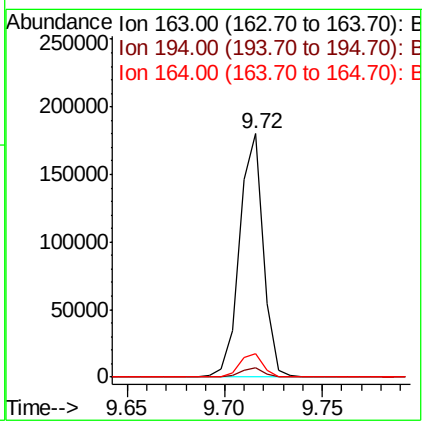


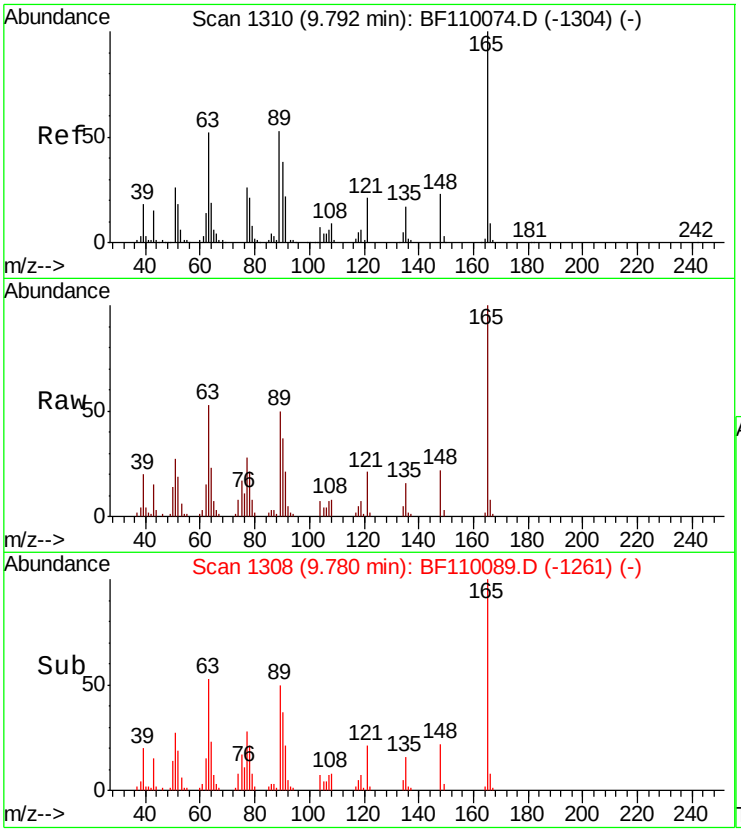


#50
Dimethylphthalate
Concen: 5.576 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:163 Resp: 151974

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1



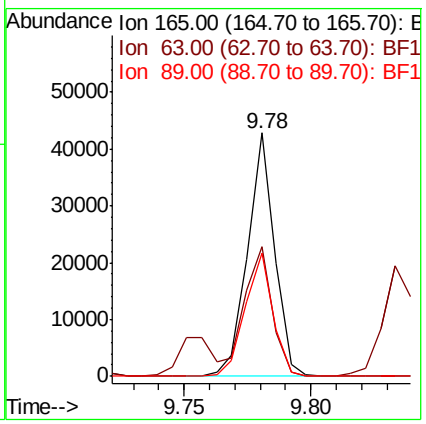


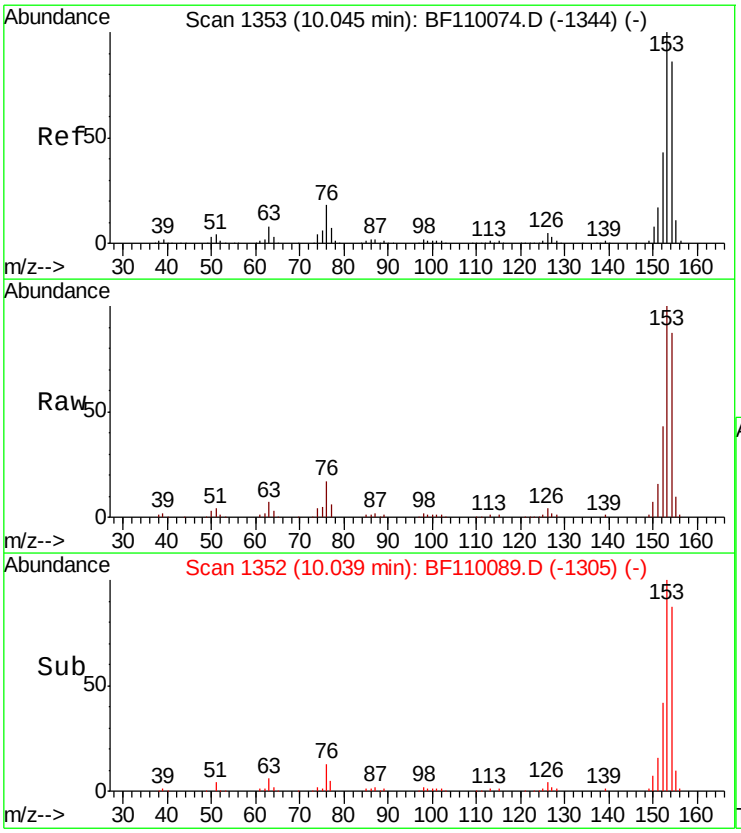
#51
2,6-Dinitrotoluene
Concen: 5.418 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31808

Ion	Ratio	Lower	Upper
165	100		
63	53.1	48.9	73.3
89	50.5	46.6	69.8

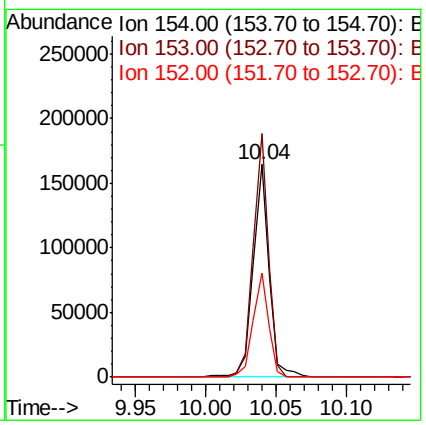


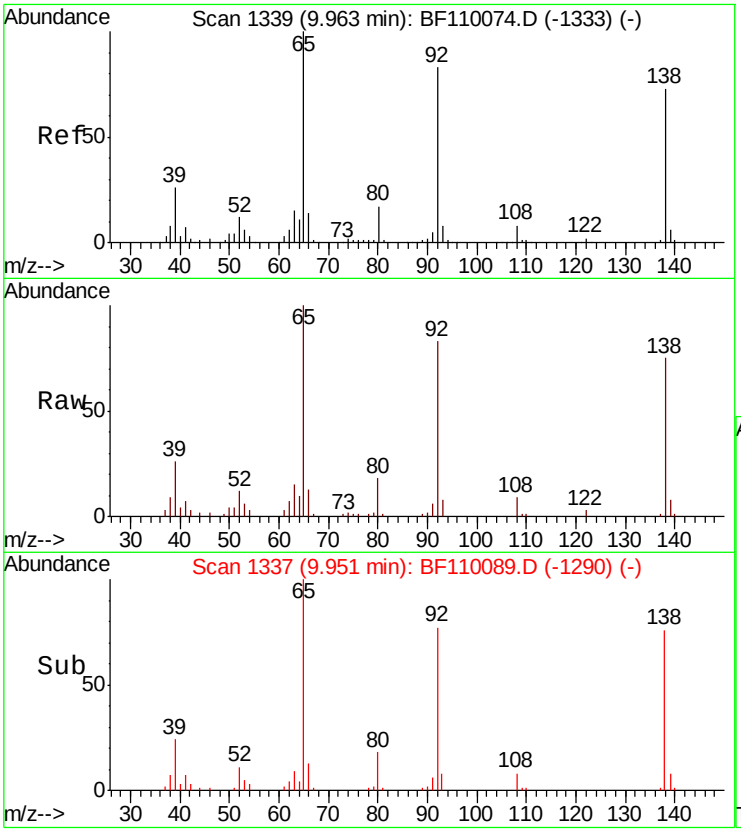


#52
Acenaphthene
Concen: 5.601 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:154 Resp: 131072

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.1	135.1
152	48.8	43.4	65.2



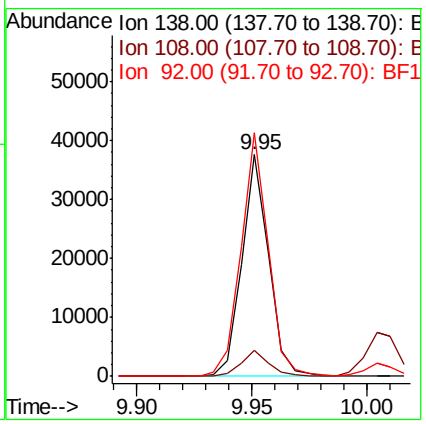


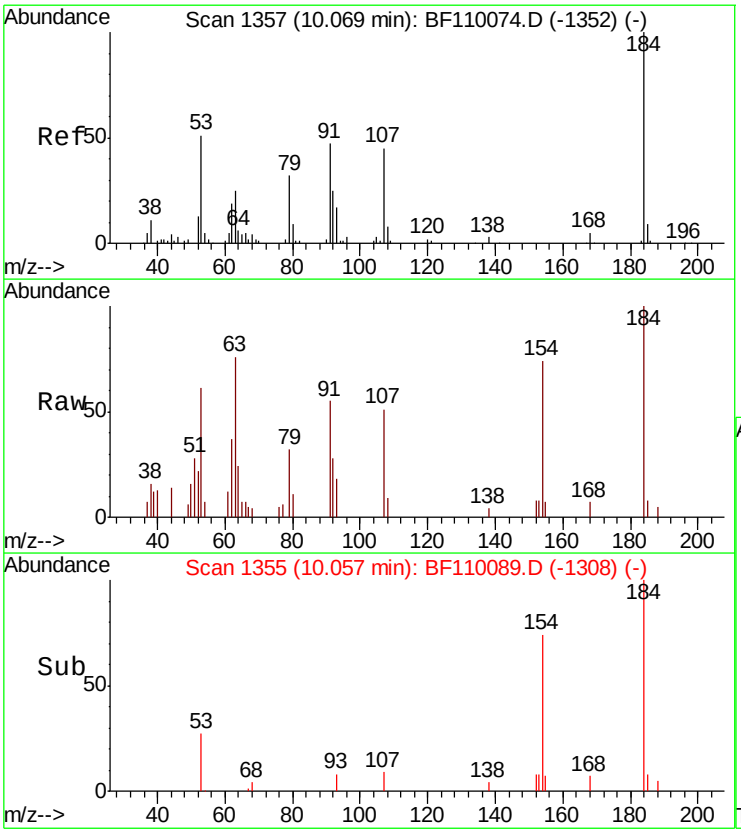
#53
3-Nitroaniline
Concen: 4.366 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 30484

Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	109.8	97.0	145.4

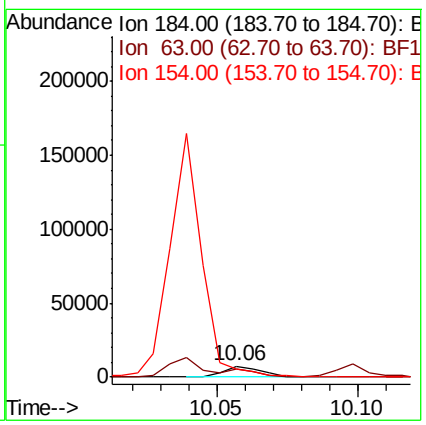


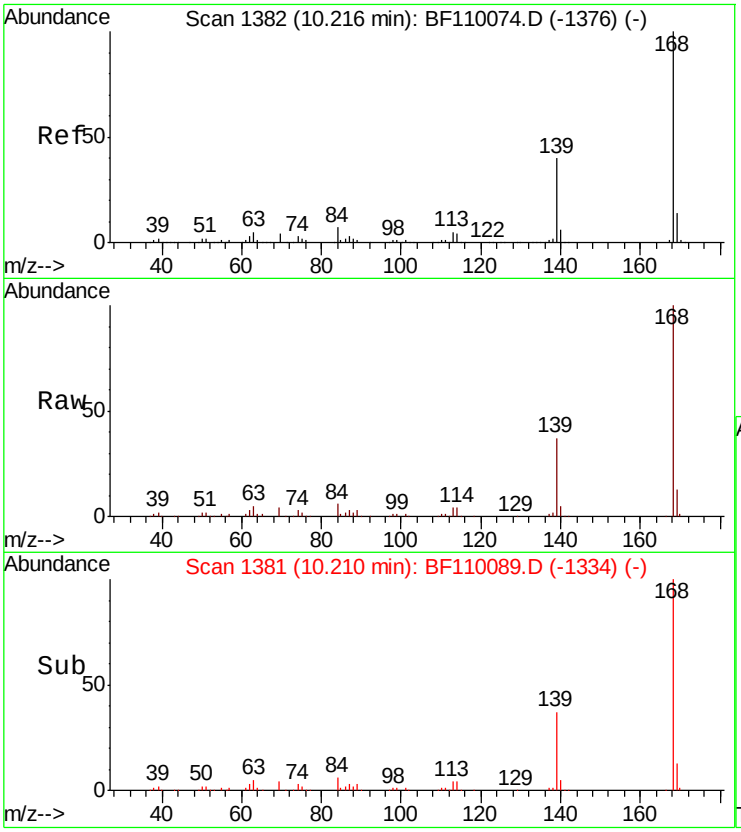


#54
2,4-Dinitrophenol
Concen: 7.825 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:184 Resp: 6603

Ion	Ratio	Lower	Upper
184	100		
63	76.2	55.8	83.6
154	73.5	63.2	94.8



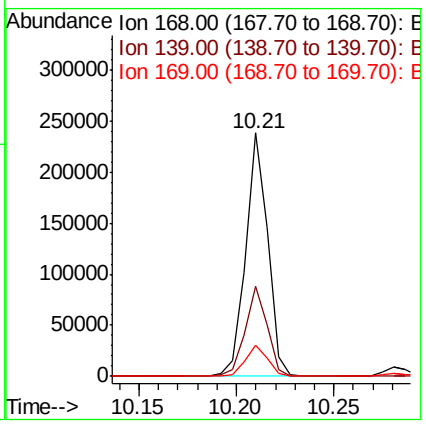


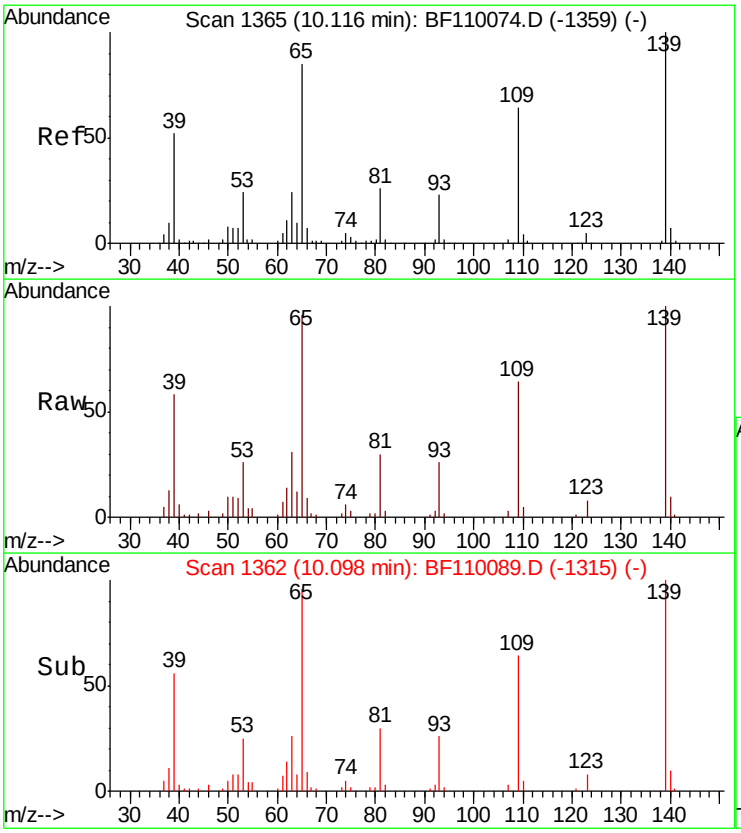
#55
Dibenzofuran
Concen: 5.689 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 186414

Ion	Ratio	Lower	Upper
168	100		
139	36.9	33.0	49.6
169	13.0	11.3	16.9

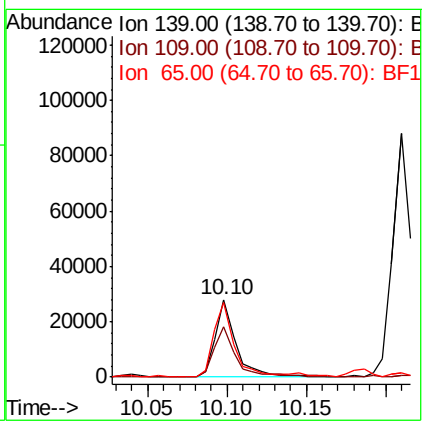


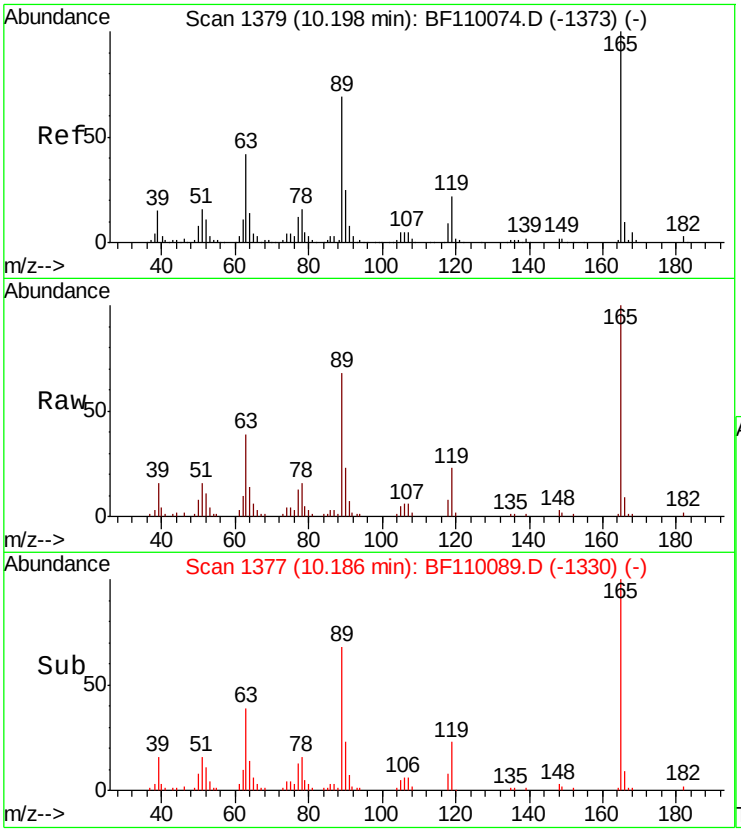


#56
4-Nitrophenol
Concen: 4.938 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:139 Resp: 25515

Ion	Ratio	Lower	Upper
139	100		
109	64.3	55.8	95.8
65	95.9	77.9	117.9



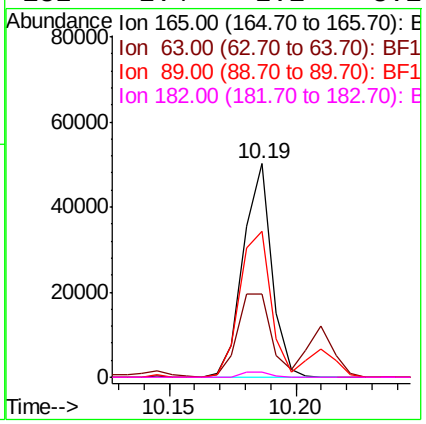


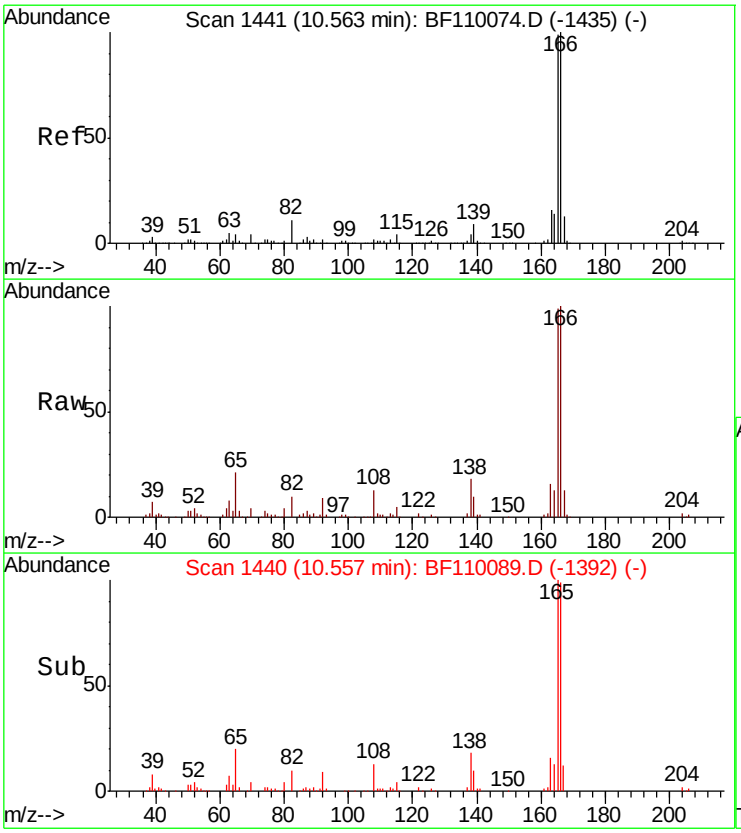
#57
2,4-Dinitrotoluene
Concen: 5.270 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39299

Ion	Ratio	Lower	Upper
165	100		
63	39.2	44.8	67.2#
89	68.1	62.2	93.4
182	2.4	2.1	3.1

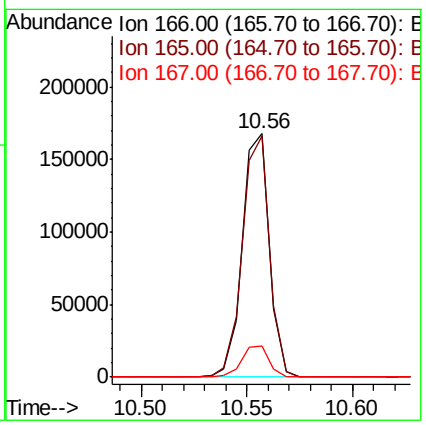


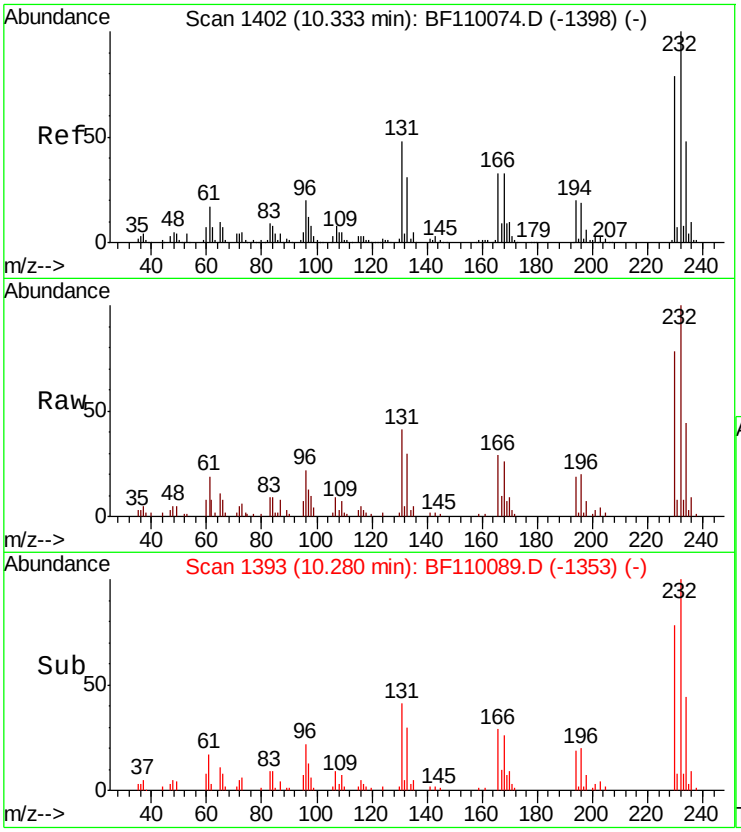


#58
Fluorene
Concen: 6.104 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:166 Resp: 148851

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	12.6	10.8	16.2



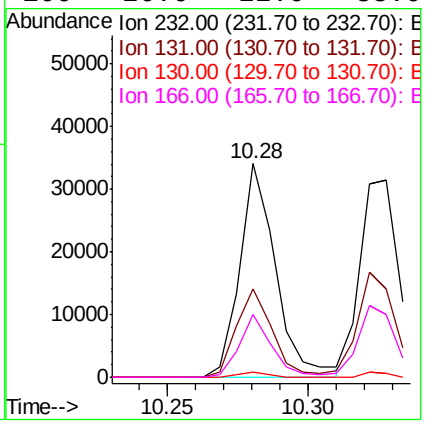


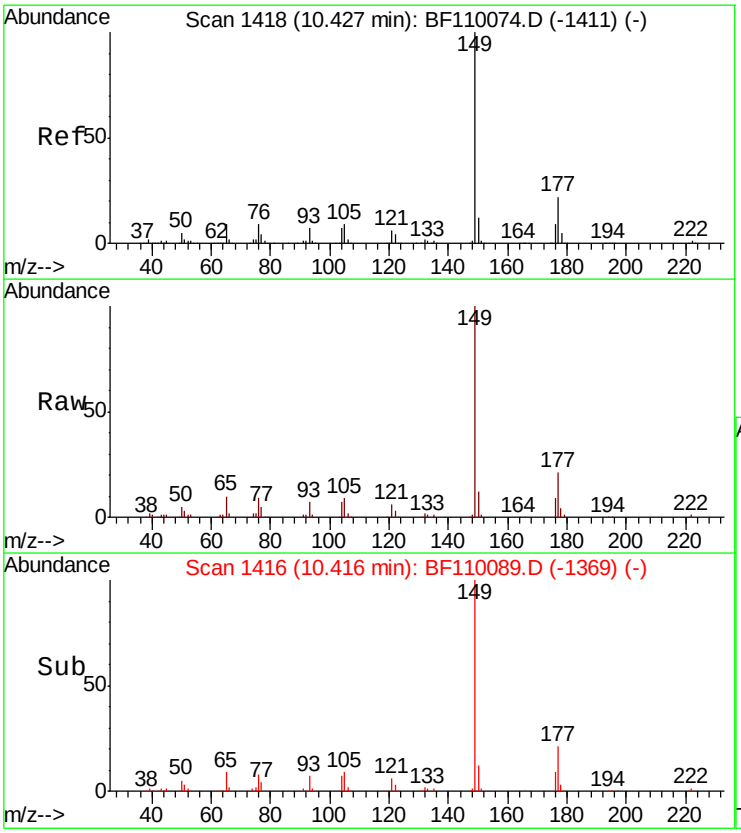
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.724 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.06 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 30204

Ion	Ratio	Lower	Upper
232	100		
131	41.3	37.0	55.4
130	2.1	1.8	2.6
166	26.6	22.0	33.0

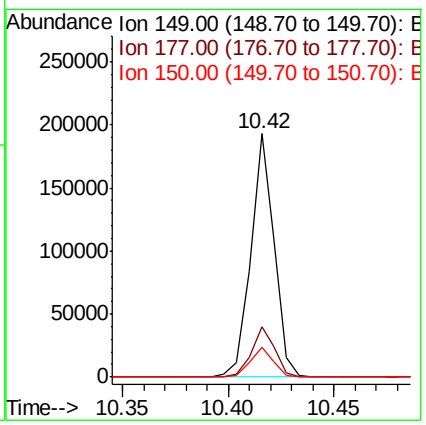


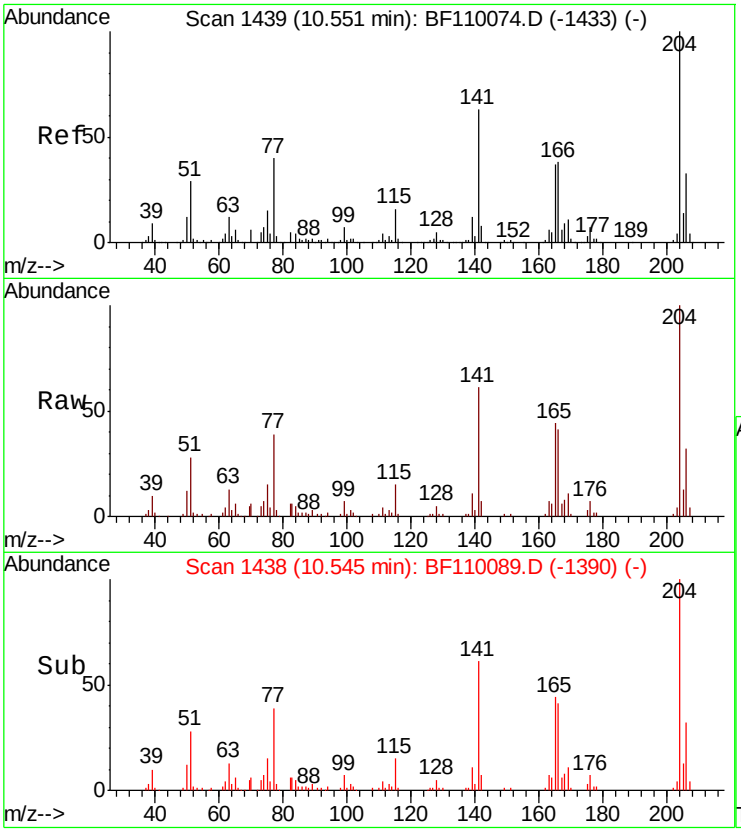


#60
Diethylphthalate
Concen: 5.576 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:149 Resp: 148369

Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.4	26.2
150	12.1	9.8	14.8



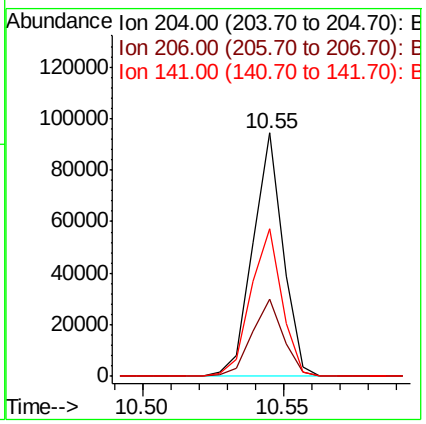


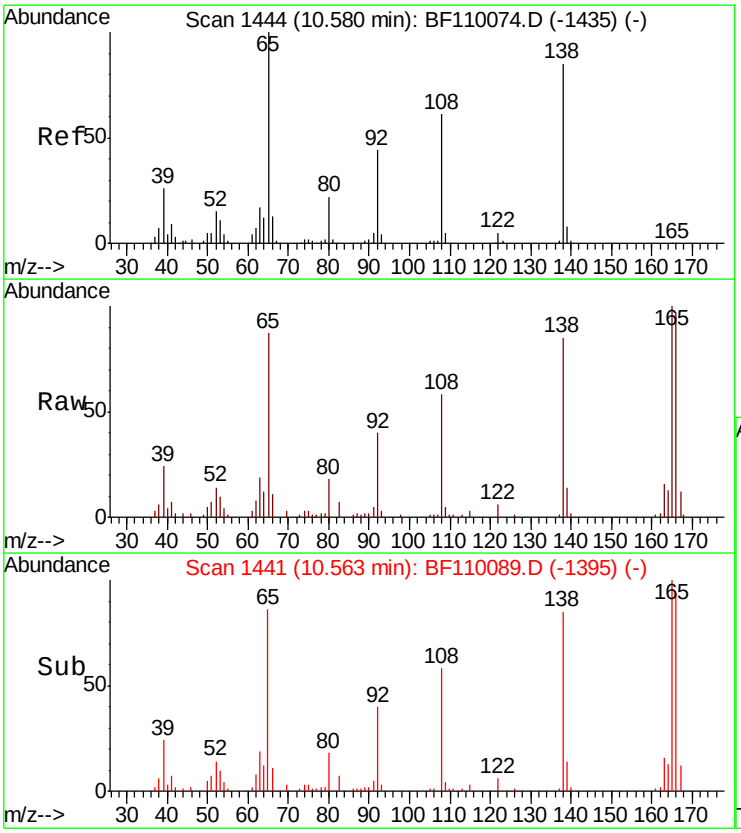
#61
4-Chlorophenyl-phenylether
Concen: 5.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 70041

Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	60.5	51.8	77.8

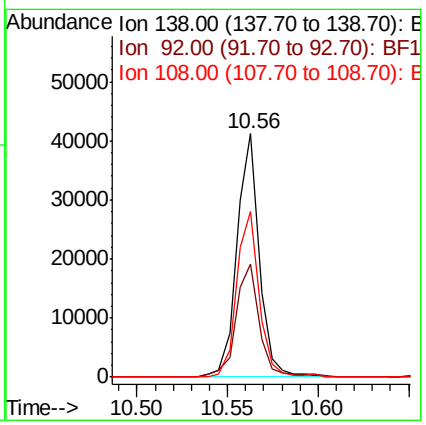


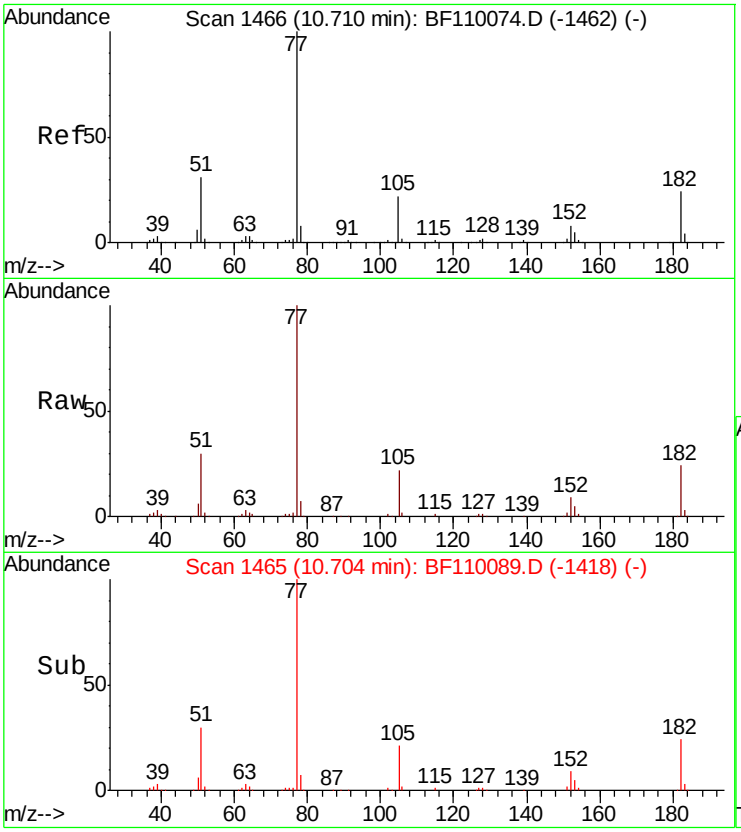


#62
4-Nitroaniline
Concen: 5.090 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:138 Resp: 35350

Ion	Ratio	Lower	Upper
138	100		
92	46.6	31.7	71.7
108	68.1	59.3	99.3



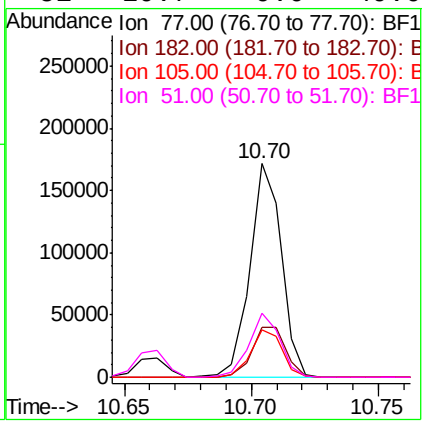


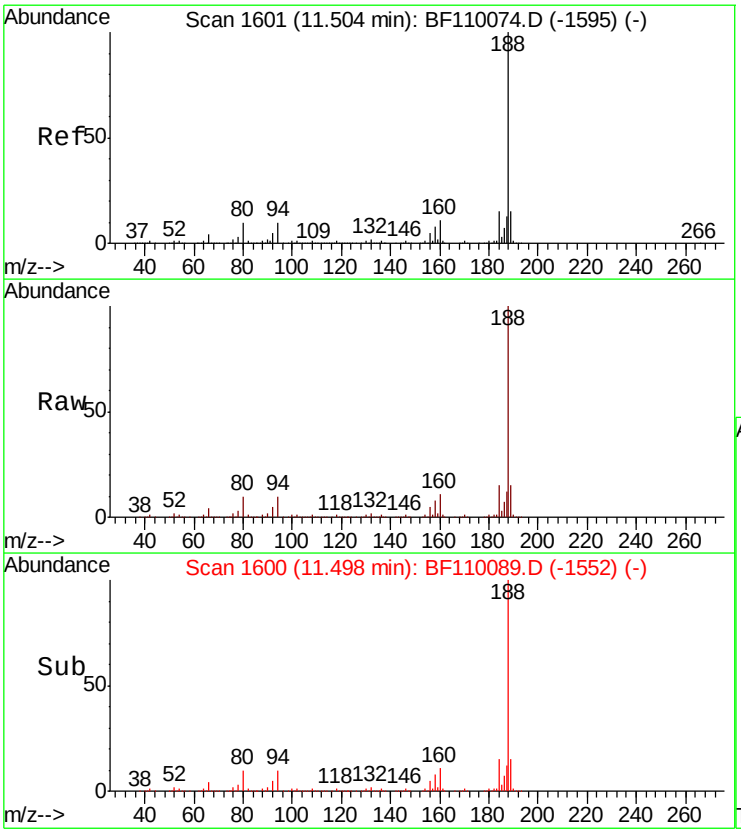
#63
Azobenzene
Concen: 5.643 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 149031

Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.3	44.3
105	21.9	1.3	41.3
51	29.7	9.0	49.0

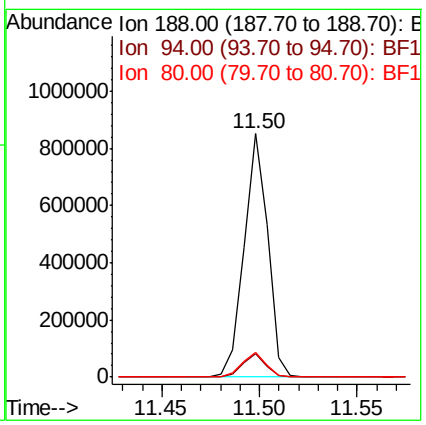


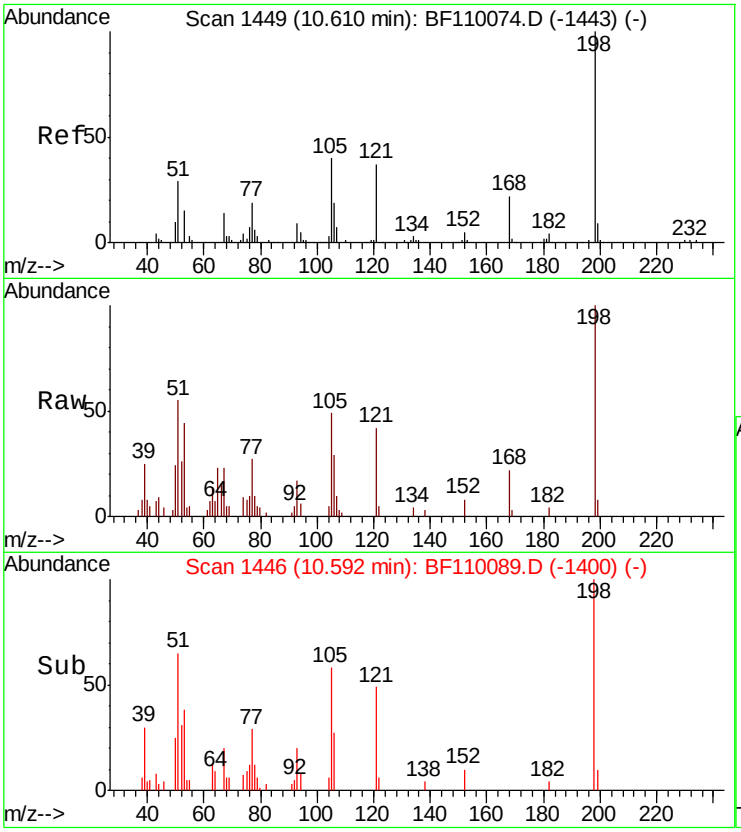


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:188 Resp: 717002

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.4	7.9	11.9



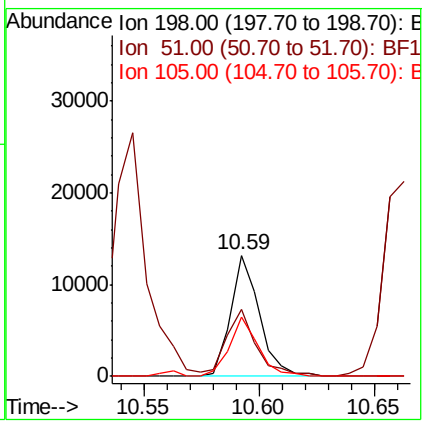


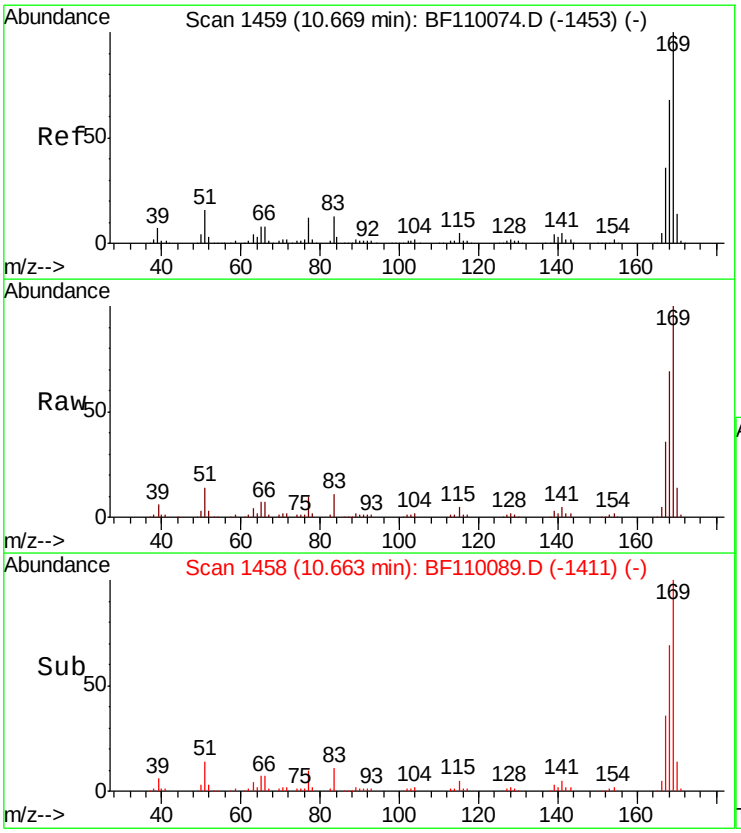
#65
4,6-Dinitro-2-methylphenol
Concen: 3.517 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 11520

Ion	Ratio	Lower	Upper
198	100		
51	55.2	22.8	62.8
105	48.8	23.6	63.6

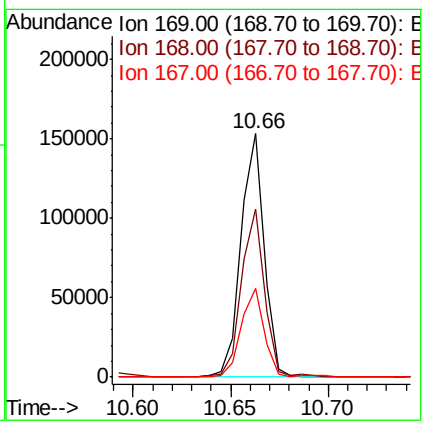


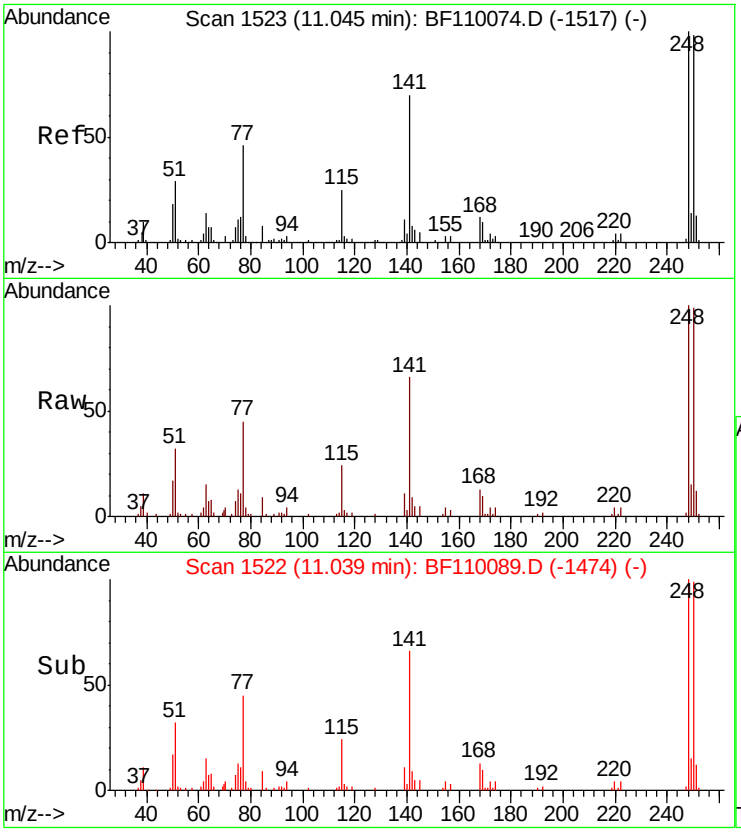


#66
n-Nitrosodiphenylamine
Concen: 5.365 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:169 Resp: 126180

Ion	Ratio	Lower	Upper
169	100		
168	69.0	51.2	76.8
167	36.2	27.8	41.6



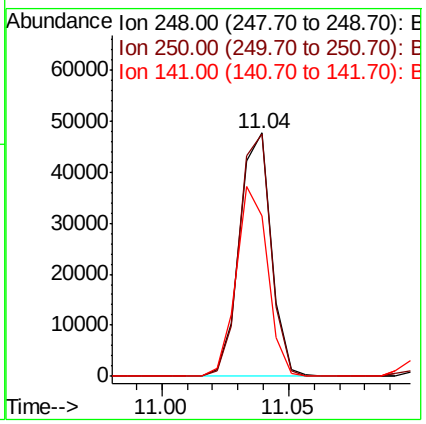


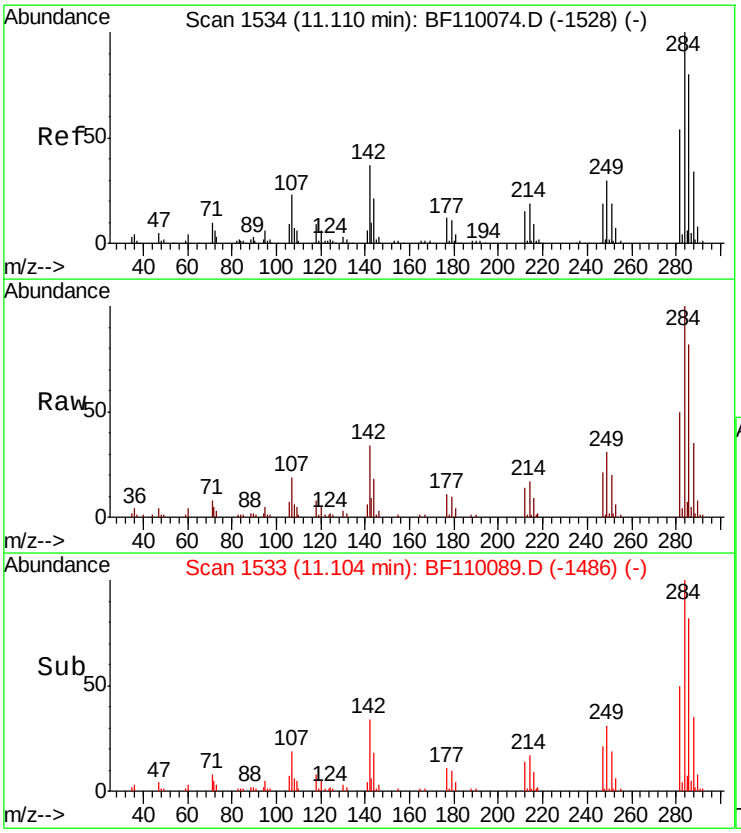
#67
4-Bromophenyl-phenylether
Concen: 5.338 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 41517

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.4	119.2
141	65.8	55.9	83.9

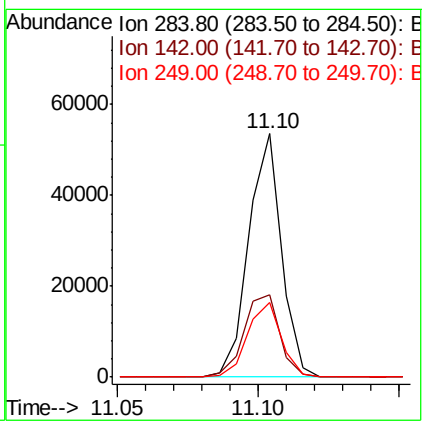


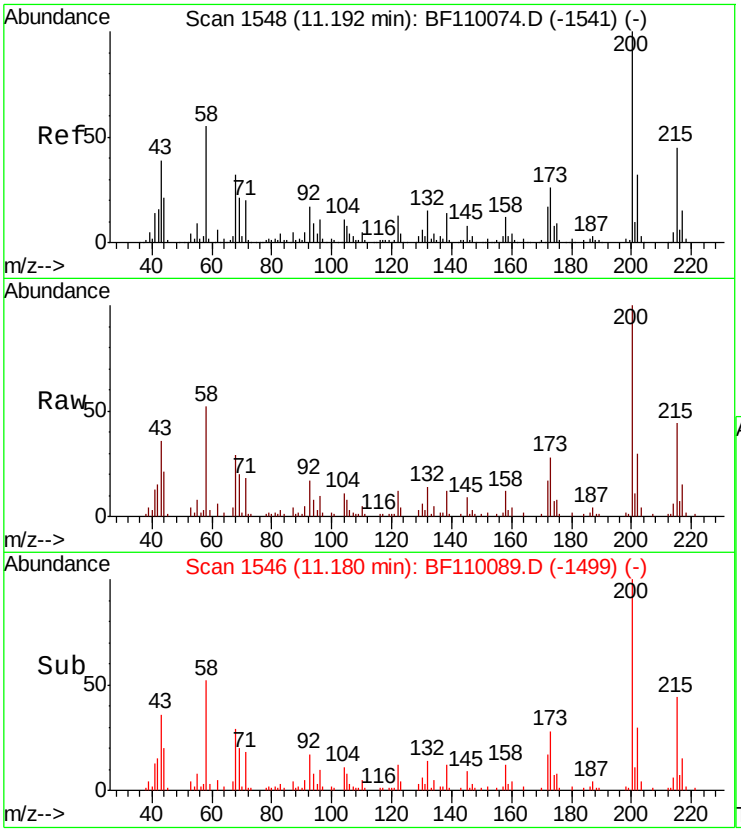


#68
Hexachlorobenzene
Concen: 5.220 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:284 Resp: 43072

Ion	Ratio	Lower	Upper
284	100		
142	33.9	23.9	35.9
249	30.9	24.2	36.2



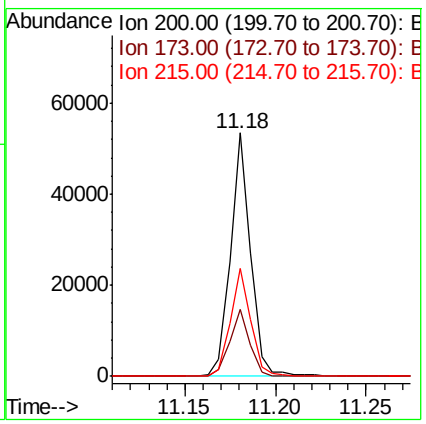


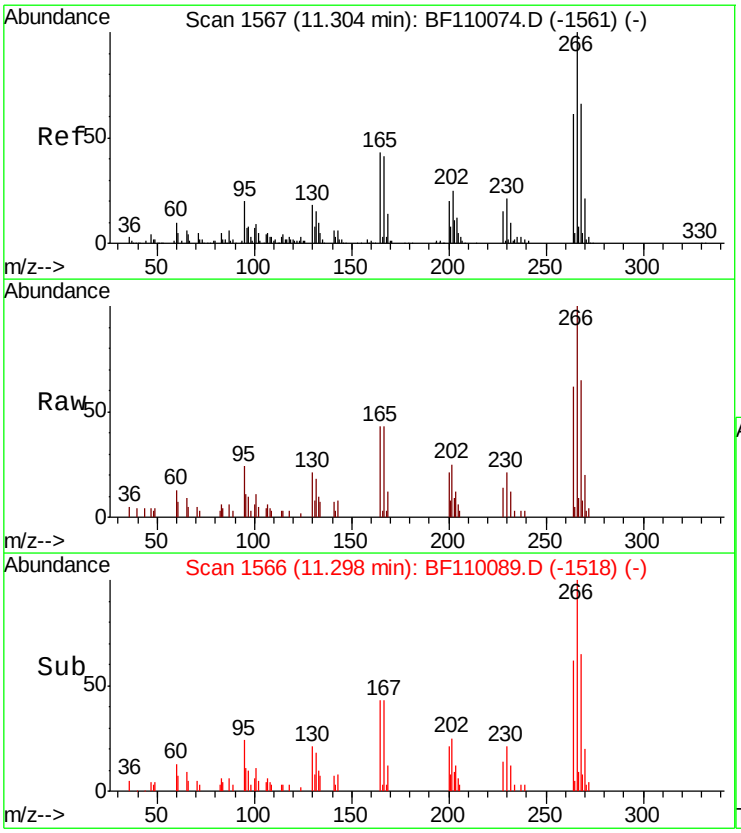
#69
Atrazine
Concen: 5.563 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 41345

Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.6	46.6
215	44.2	26.3	66.3

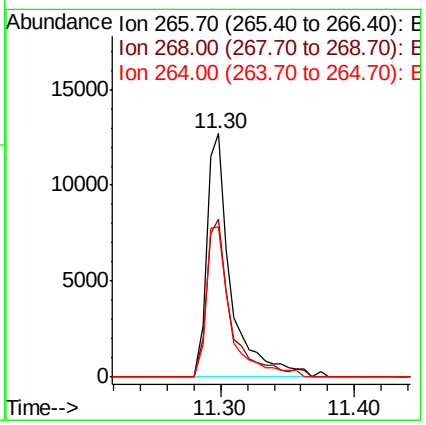


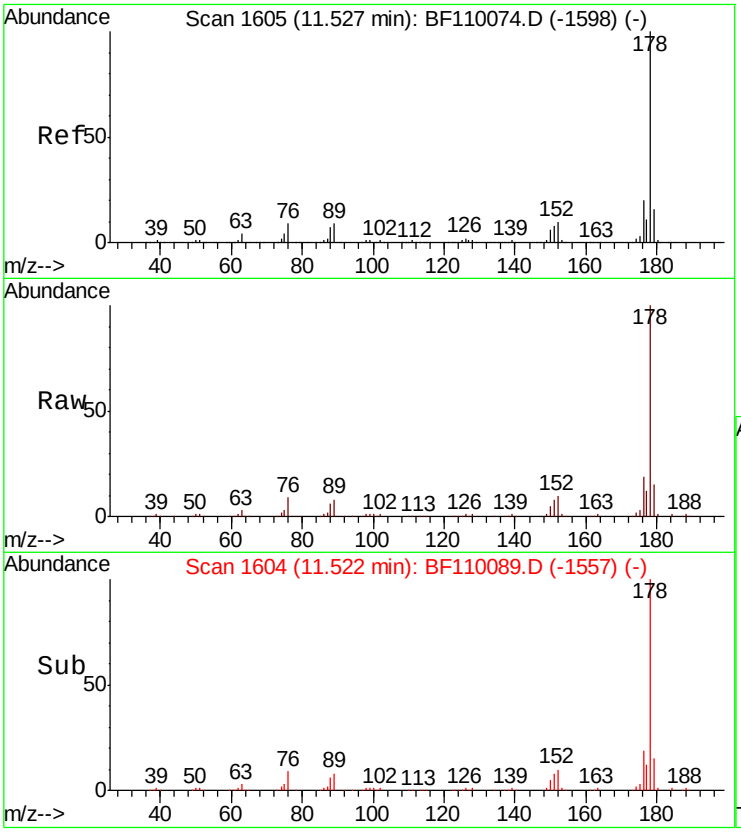


#70
Pentachlorophenol
Concen: 3.333 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:266 Resp: 16038

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.6	75.8
264	61.9	50.6	75.8



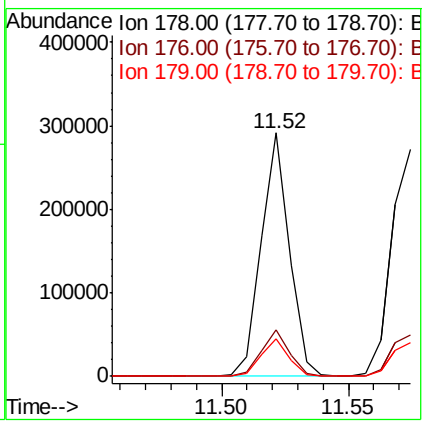


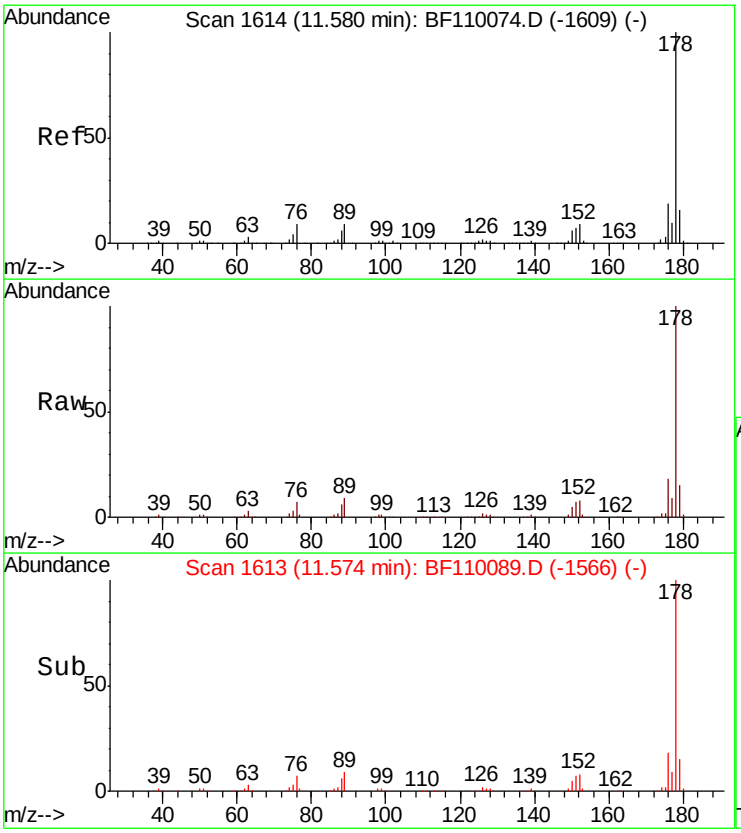
#71
Phenanthrene
Concen: 6.012 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 225549

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.5	18.7

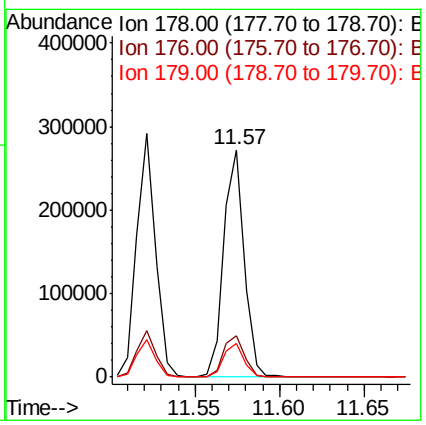


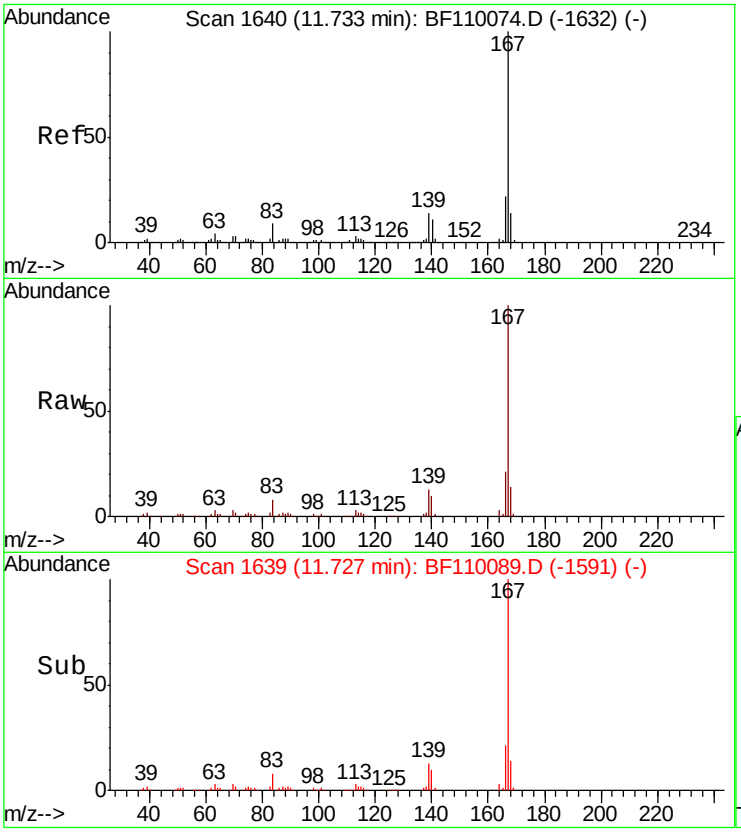


#72
Anthracene
Concen: 6.115 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:178 Resp: 229947

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.7	12.6	18.8



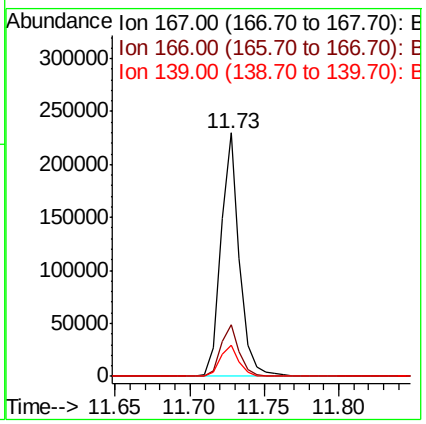


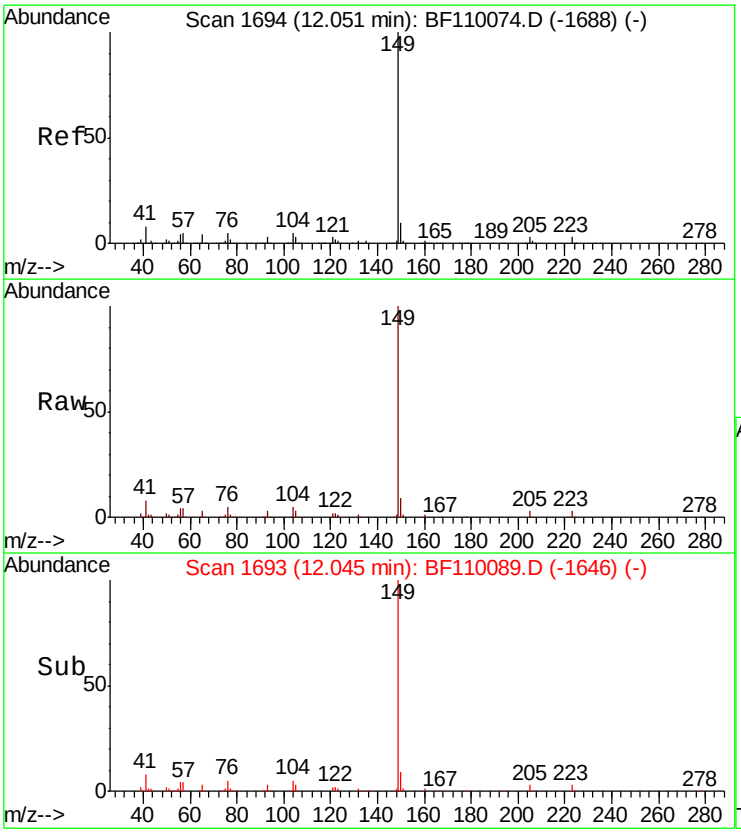
#73
Carbazole
Concen: 5.445 ng
RT: 11.73 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 199928

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.6	10.9	16.3

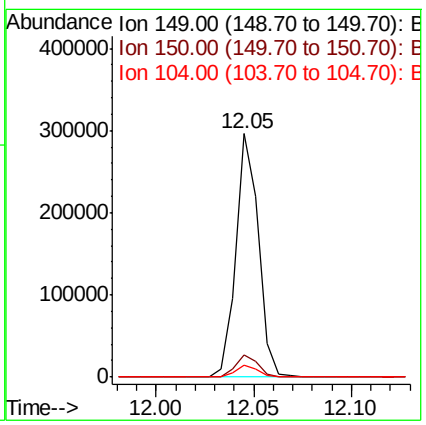


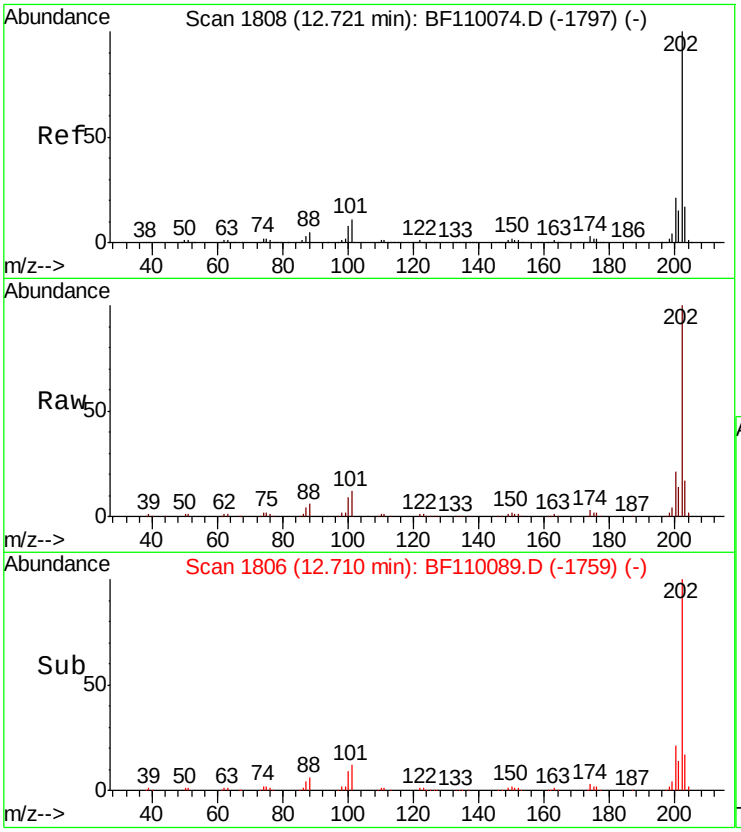


#74
Di-n-butylphthalate
Concen: 5.692 ng
RT: 12.05 min Scan# 1693
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:149 Resp: 236018

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4



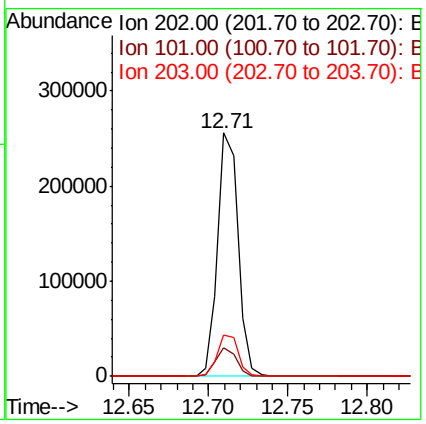


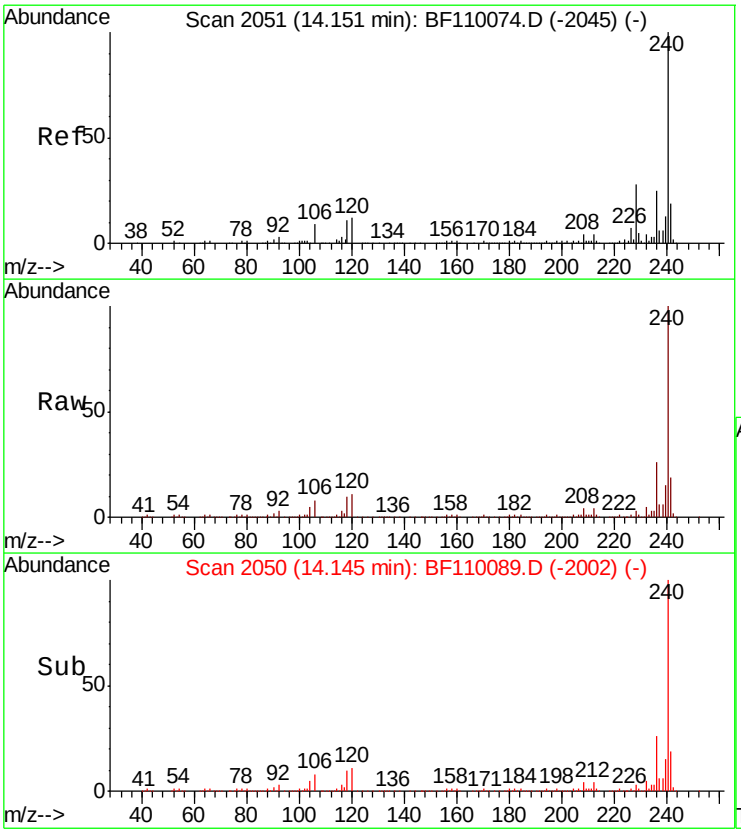
#75
Fluoranthene
Concen: 6.073 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 231237

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.0	0.0	37.7

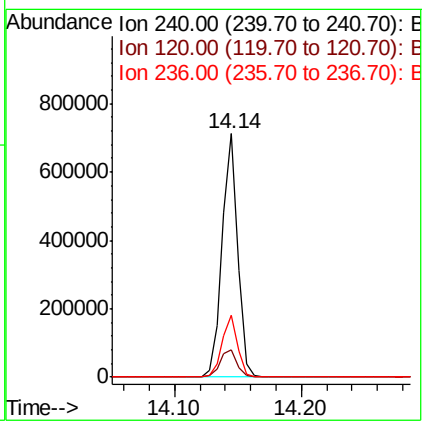


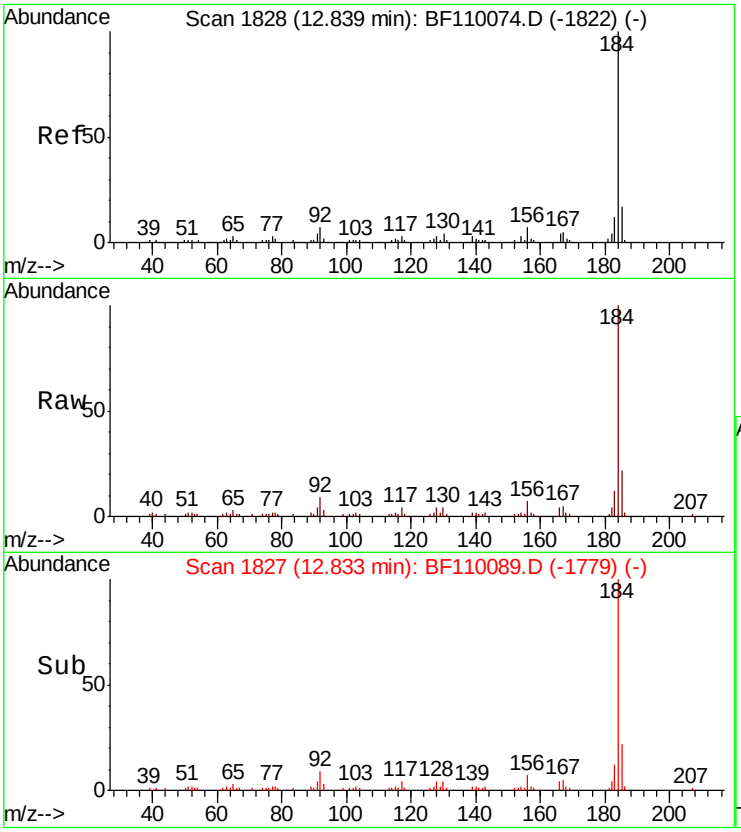


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:240 Resp: 610974

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.6	21.2	31.8



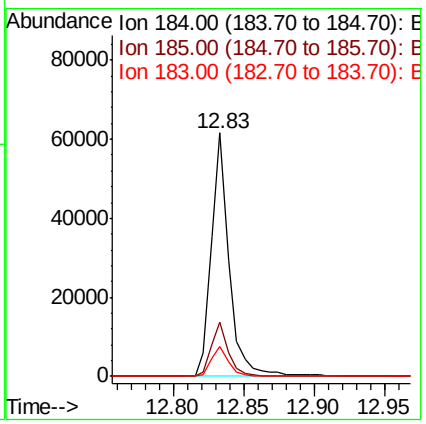


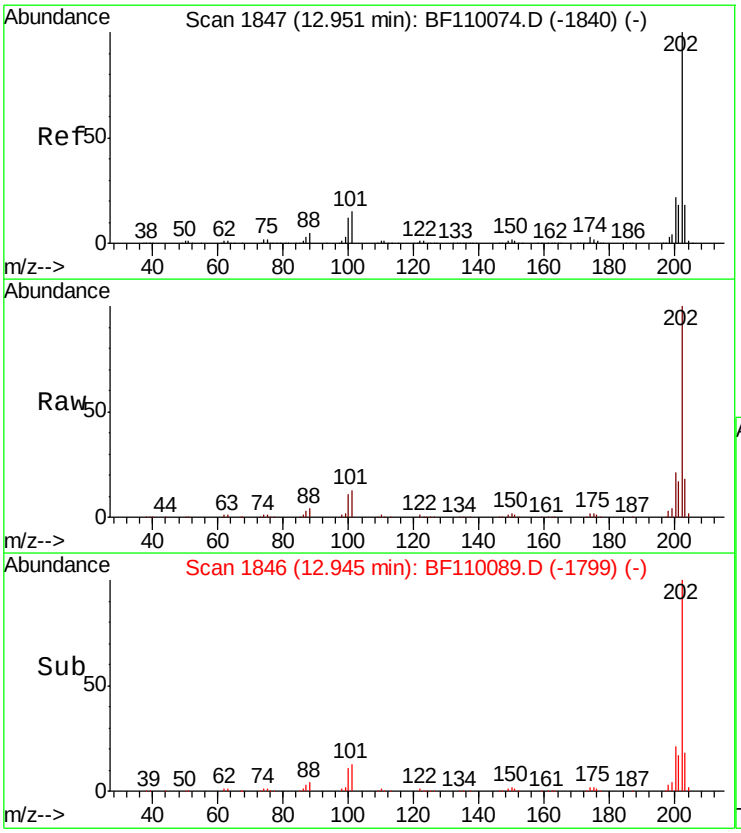
#77
Benzidine
Concen: 2.127 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 54039

Ion	Ratio	Lower	Upper
184	100		
185	22.3	13.4	20.2#
183	12.5	9.4	14.2

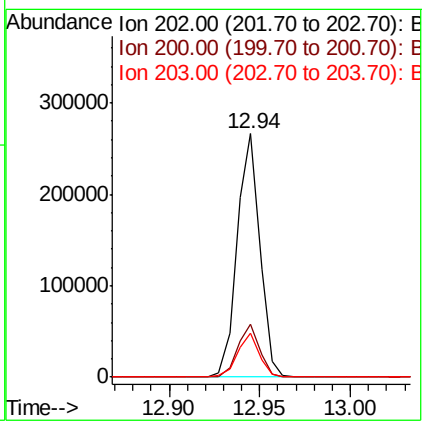


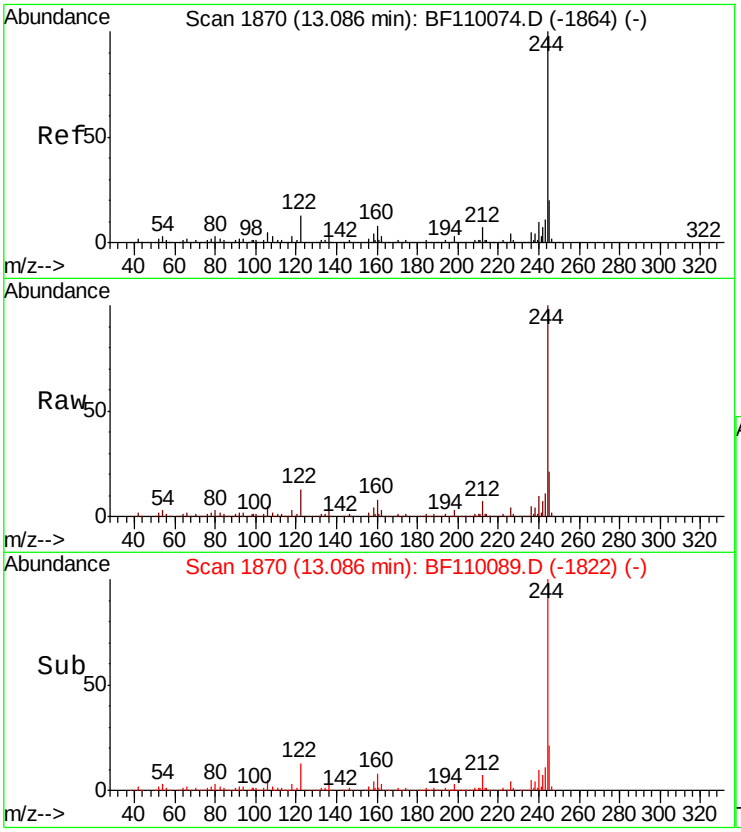


#78
Pyrene
Concen: 5.288 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:202 Resp: 231606

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	17.9	14.2	21.4



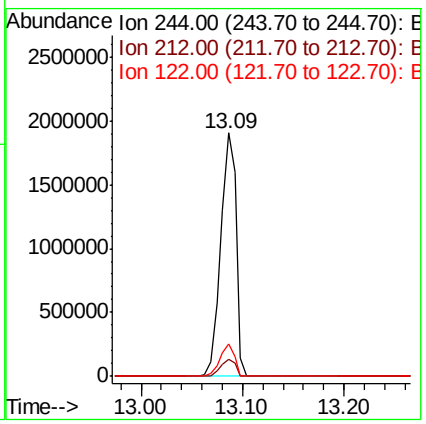


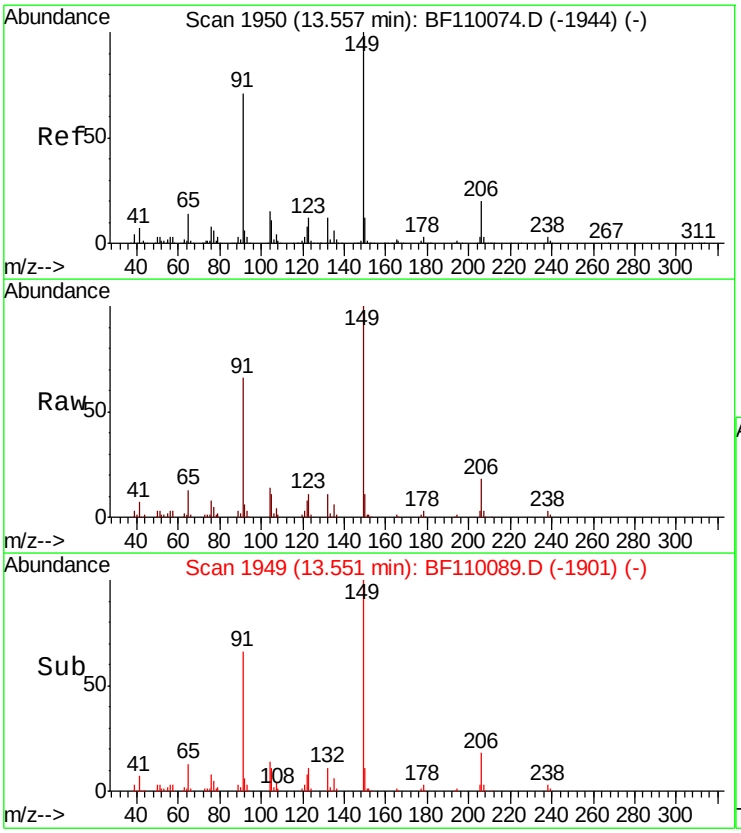
#79
Terphenyl-d14
Concen: 68.039 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1998841

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.4	8.7	13.1#

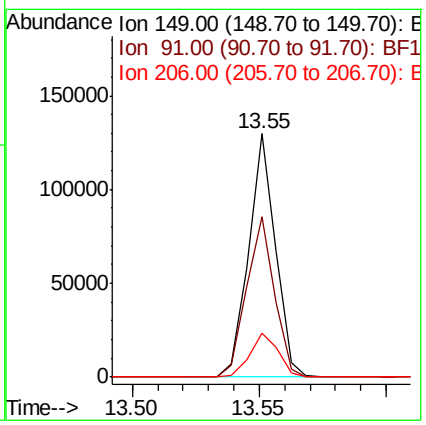


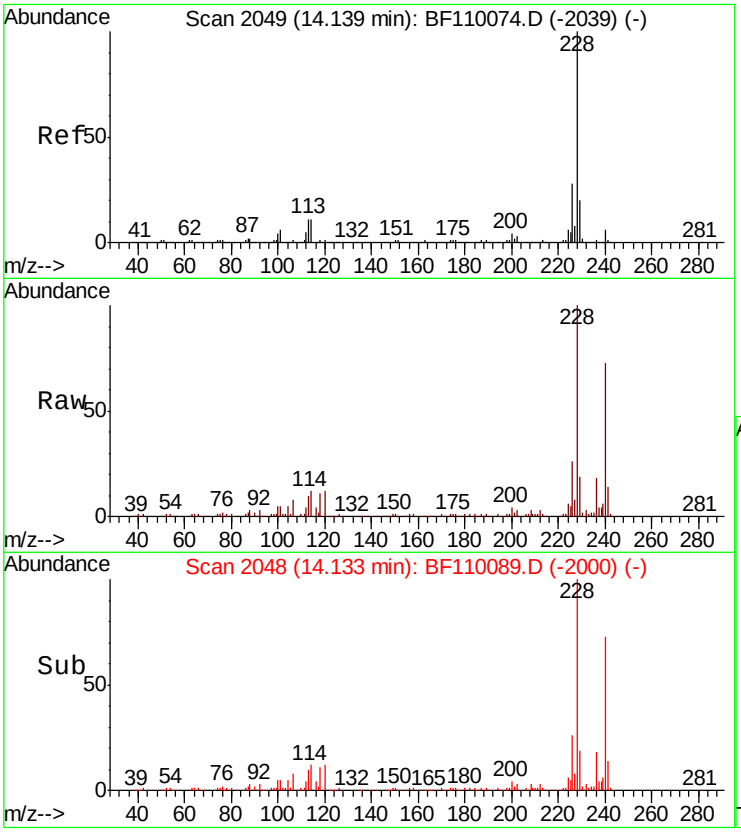


#80
Butylbenzylphthalate
Concen: 5.024 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:149 Resp: 95512

Ion	Ratio	Lower	Upper
149	100		
91	65.6	57.2	85.8
206	18.0	15.7	23.5



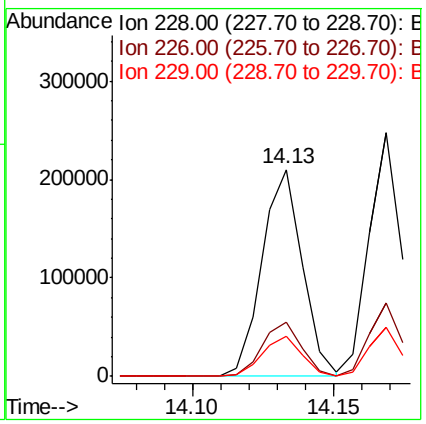


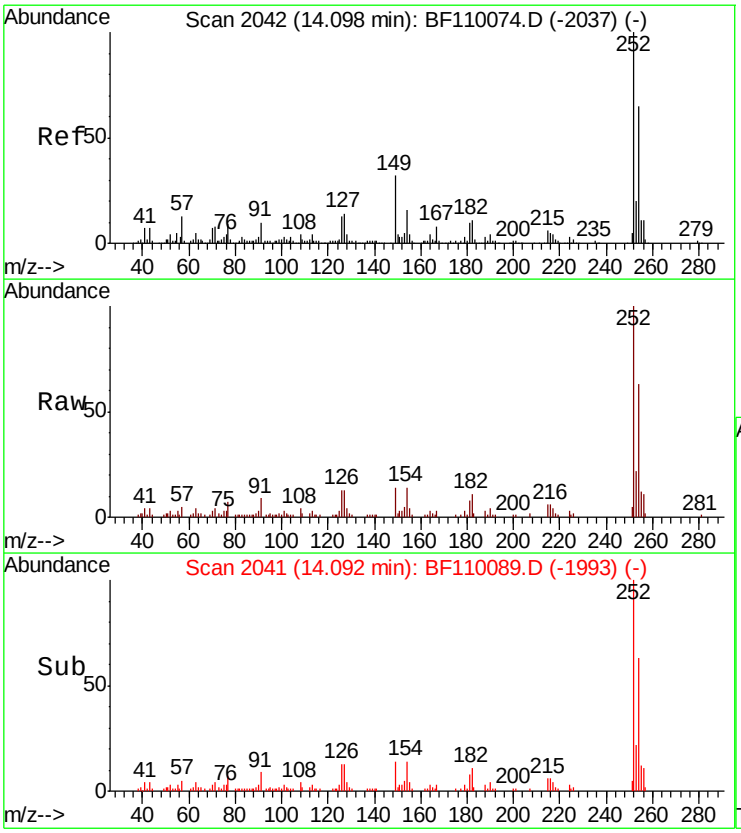
#81
Benzo(a)anthracene
Concen: 5.723 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 207350

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	19.4	15.6	23.4

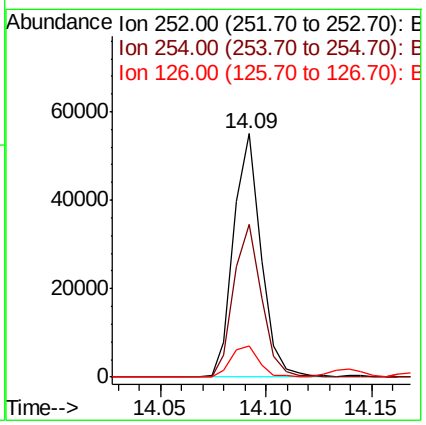


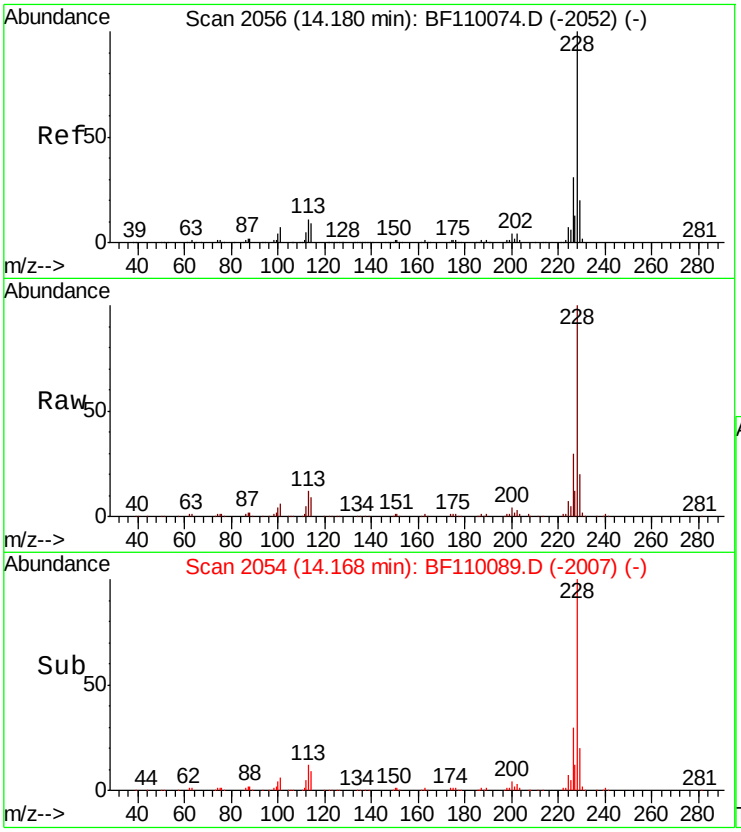


#82
3,3'-Dichlorobenzidine
Concen: 3.905 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:252 Resp: 49262

Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.3	76.9
126	12.5	9.4	14.2



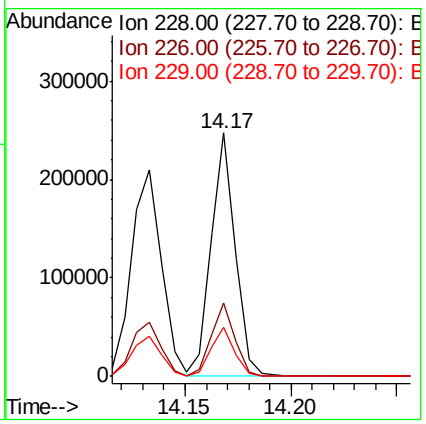


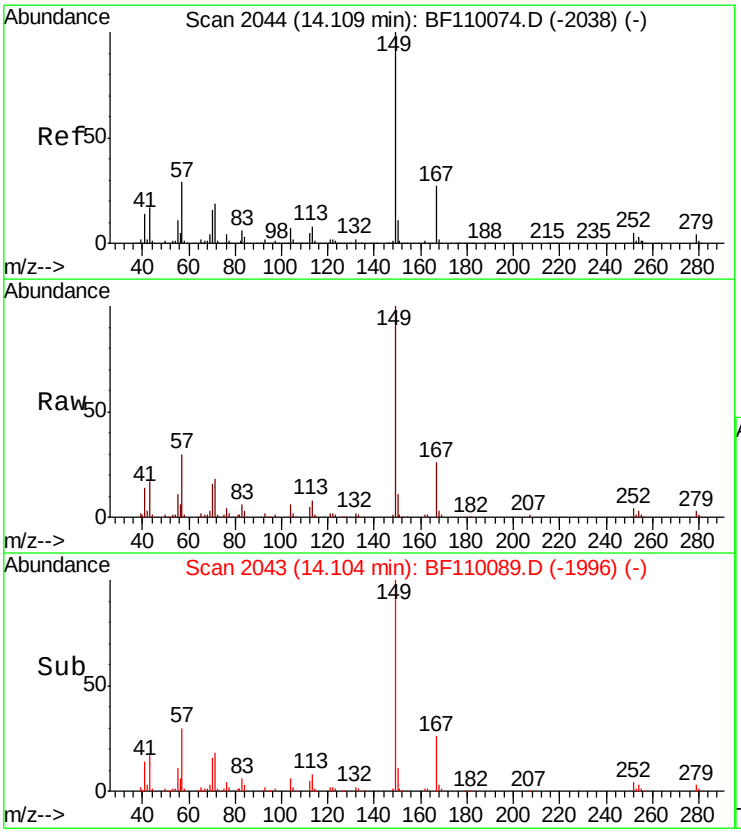
#83
Chrysene
Concen: 5.710 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 196510

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.9	15.9	23.9

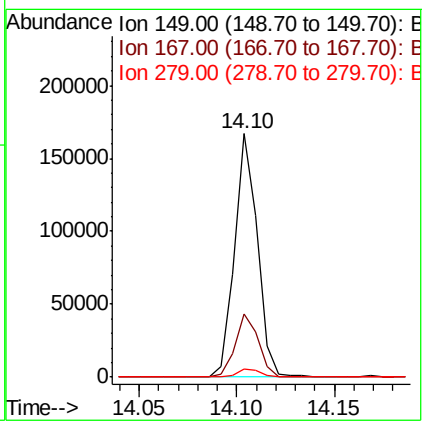


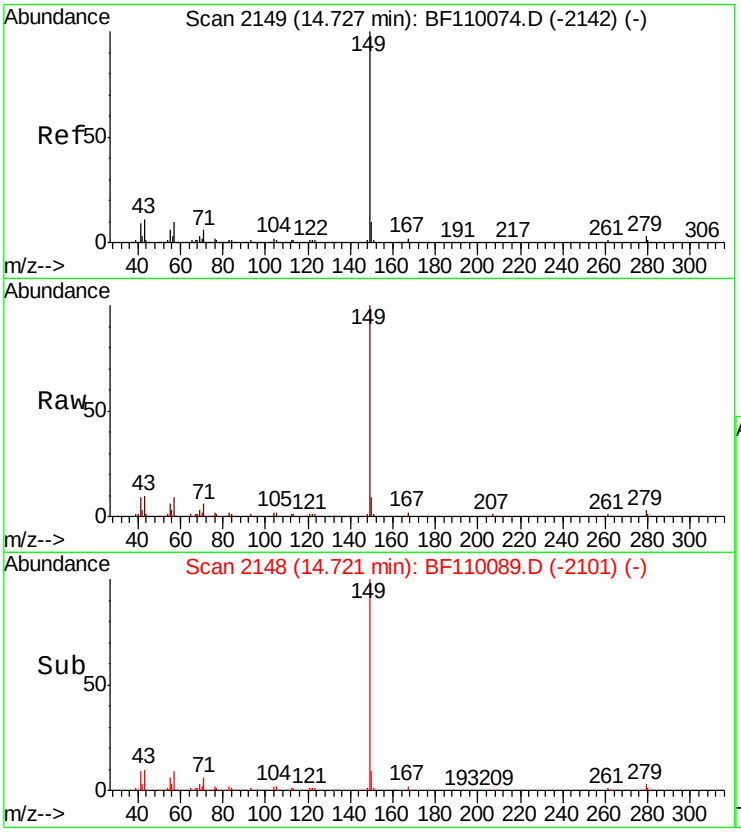


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.267 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:149 Resp: 135349

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.1	2.7	4.1



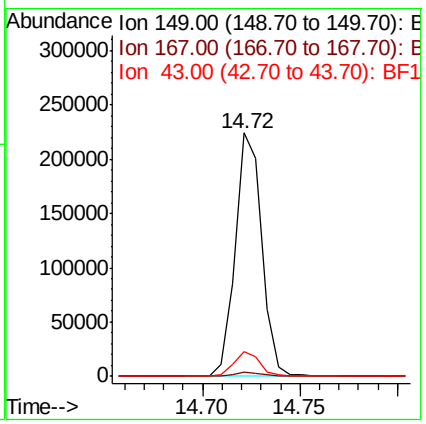


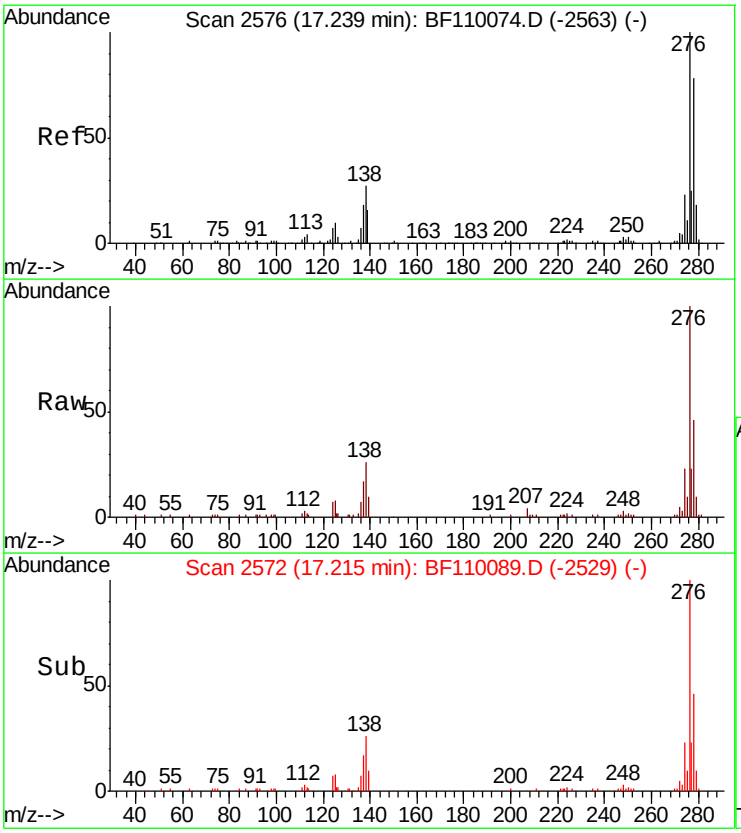
#85
Di-n-octyl phthalate
Concen: 5.271 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 210625

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8

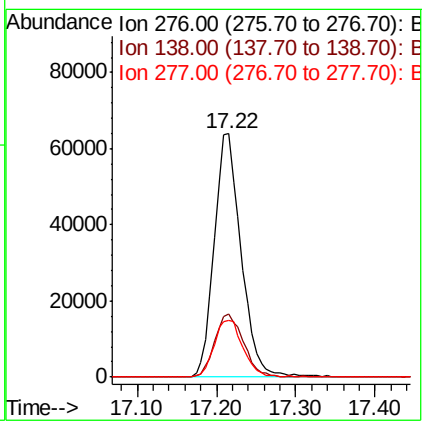


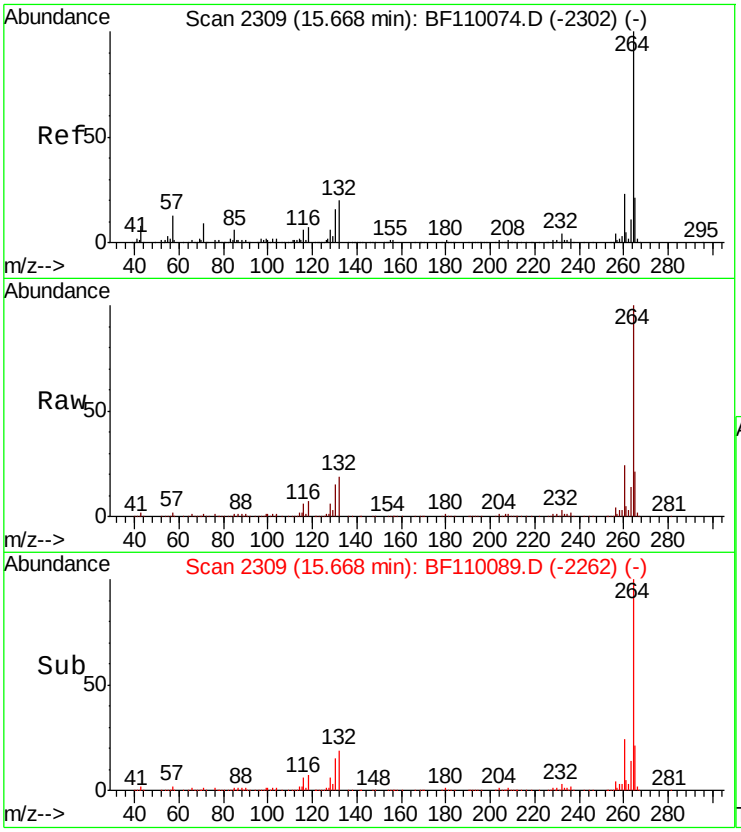


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.259 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:276 Resp: 150126

Ion	Ratio	Lower	Upper
276	100		
138	27.6	18.5	27.7
277	25.0	20.0	30.0



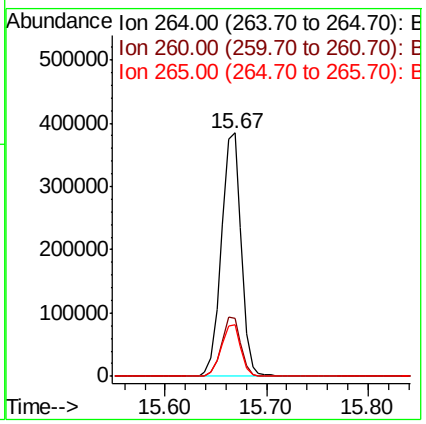


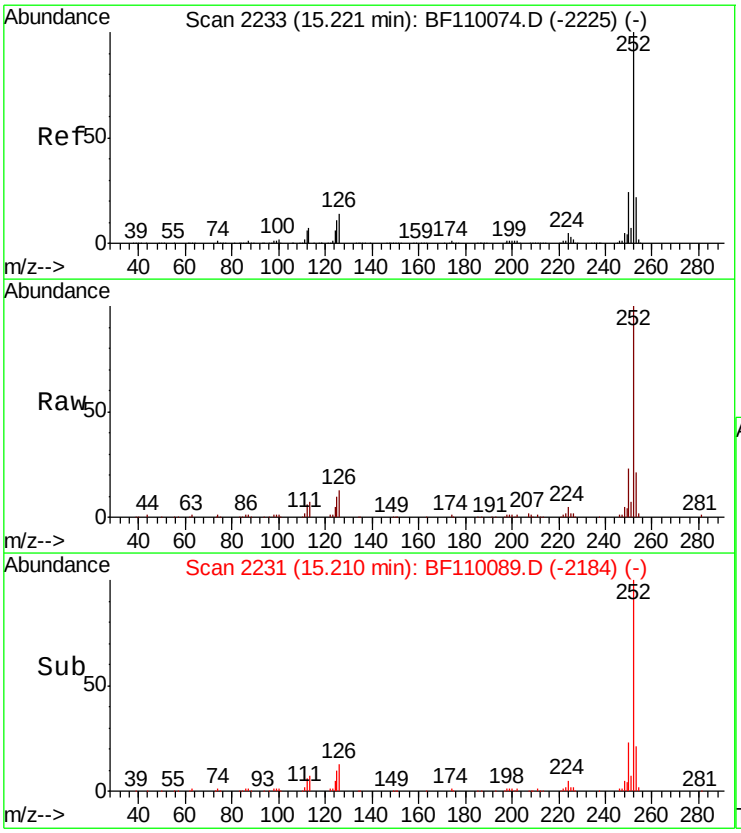
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 519471

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.1	16.7	25.1

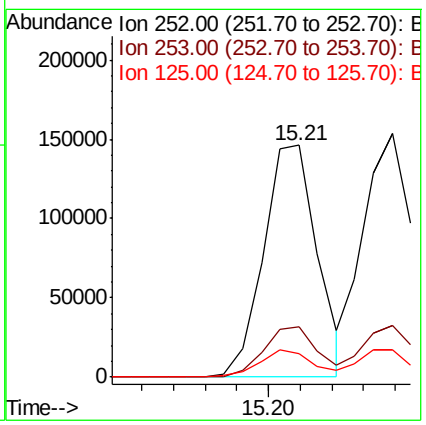


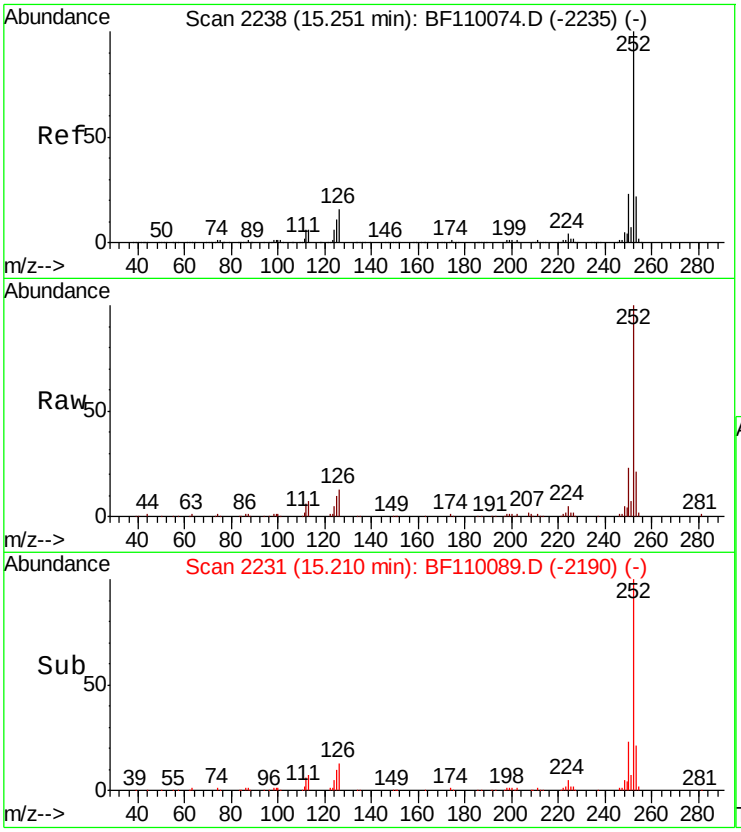


#88
Benzo(b)fluoranthene
Concen: 5.755 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:252 Resp: 172641

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.1	8.2	12.4



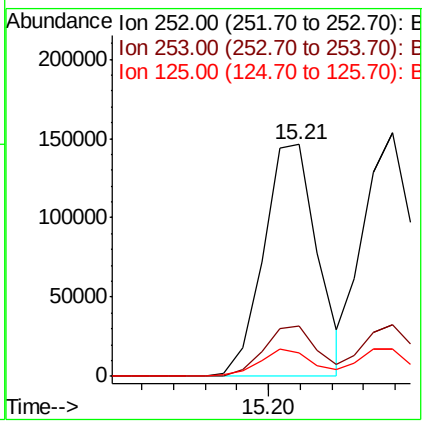


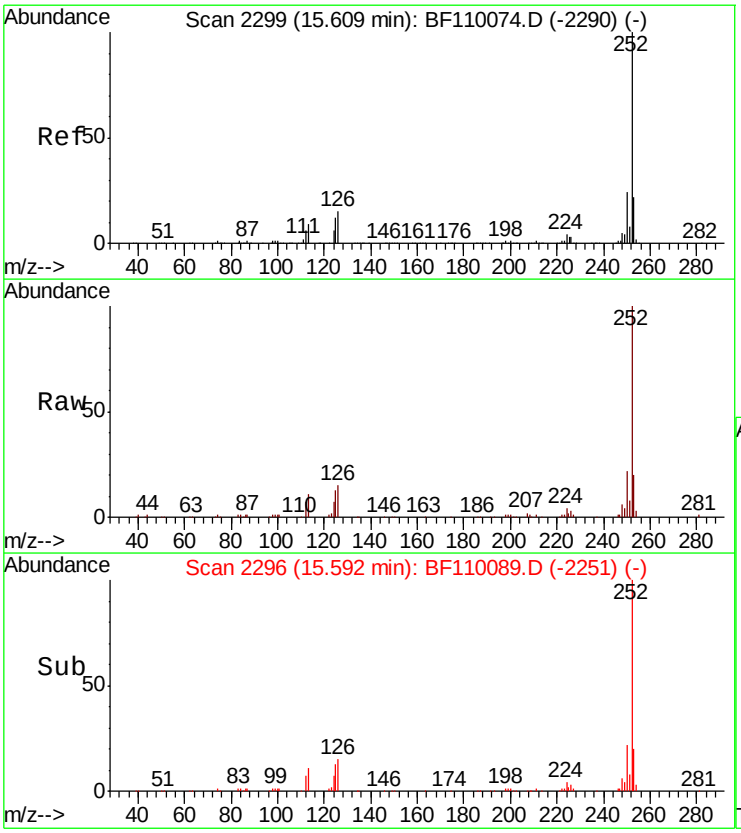
#89
Benzo(k)fluoranthene
Concen: 5.854 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 172641

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.1	7.4	11.0

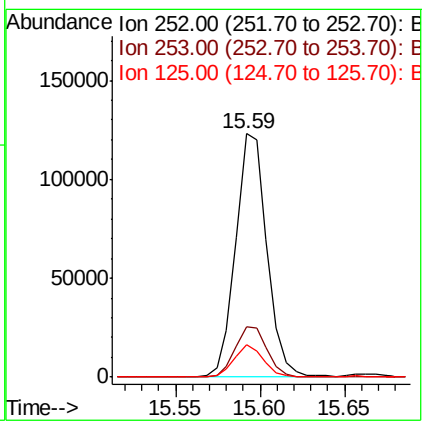


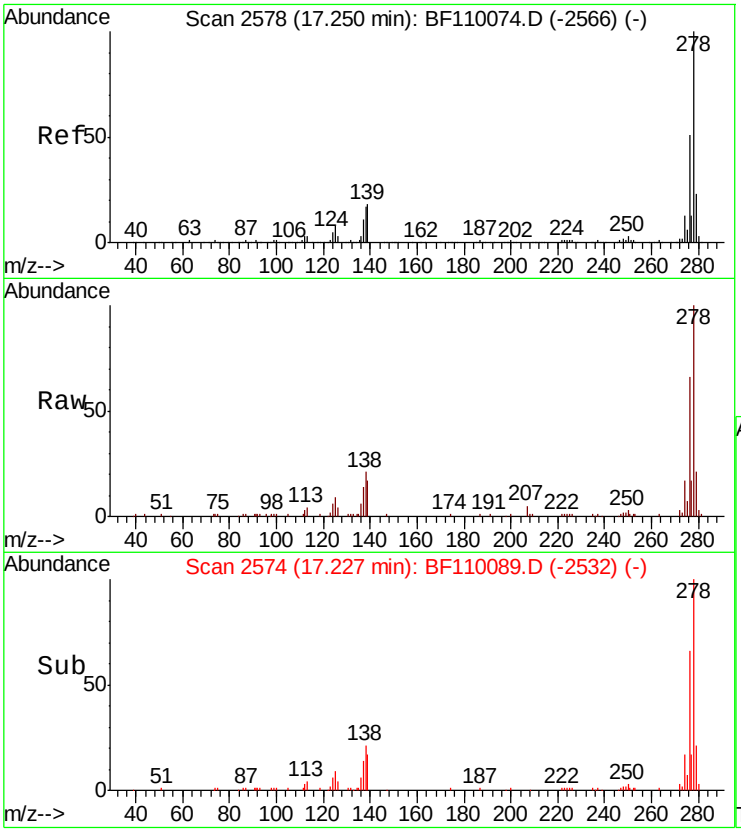


#90
Benzo(a)pyrene
Concen: 5.757 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:252 Resp: 158916

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	13.1	9.0	13.6



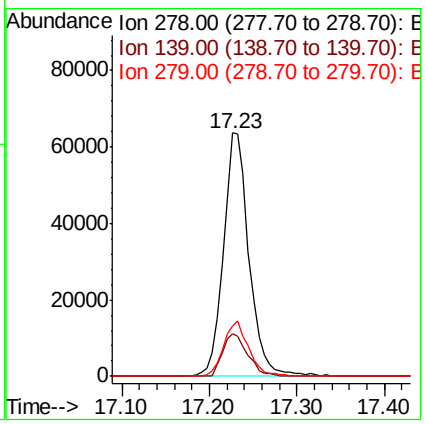


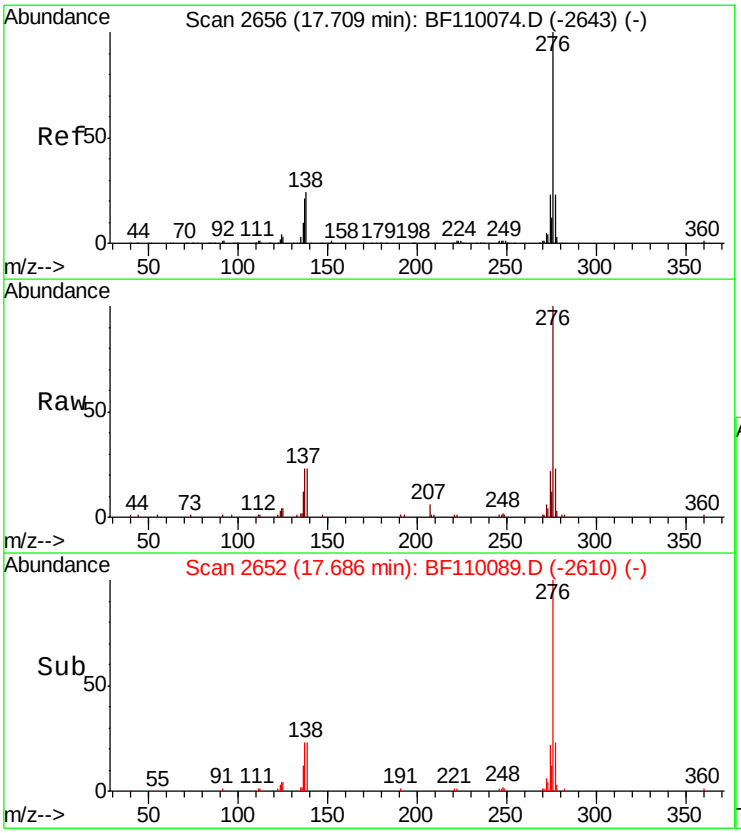
#91
Dibenzo(a,h)anthracene
Concen: 5.342 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 127226

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	20.9	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 5.038 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110089.D
Acq: 23 Oct 2018 20:37

Tgt Ion:276 Resp: 118239

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	23.1	16.0	24.0