Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100821.D
Acq On : 22 Nov 2017 12:51
Operator : SJ/JU
Sample : I6310-05MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 17:26:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	73485	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	273567	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	111560	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	172120	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	173449	20.00	ng		-0.01
86) Perylene-d12	15.51	264	167800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	54481	11.88	ng		-0.01
7) Phenol-d6	6.49	99	65616	11.61	ng		-0.02
23) Nitrobenzene-d5	7.43	82	36924	8.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	12040	10.59	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	81739	11.16	ng		-0.01
78) Terphenyl-d14	12.98	244	60248	7.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	5704	2.553	ng		97
4) n-Nitrosodimethylamine	3.38	42	8169	2.761	ng	#	83
8) 2-Chlorophenol	6.65	128	17936	3.698	ng		98
10) Phenol	6.50	94	24861	4.189	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	17232	3.457	ng		97
12) 1,3-Dichlorobenzene	6.81	146	20628	3.689	ng		97
13) 1,4-Dichlorobenzene	6.89	146	20426	3.609	ng		97
14) 1,2-Dichlorobenzene	7.04	146	19674	3.760	ng		95
15) Benzyl Alcohol	7.00	79	14860	3.368	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	27624	3.465	ng		98
17) 2-Methylphenol	7.12	107	14457	3.488	ng		98
18) Hexachloroethane	7.38	117	5981	3.205	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	12228	3.119	ng		91
20) 3+4-Methylphenols	7.27	107	18406	3.510	ng	#	76
22) Acetophenone	7.27	105	26749	4.010	ng		96
24) Nitrobenzene	7.45	77	16863	3.959	ng		97
25) Isophorone	7.69	82	31223	3.591	ng		98
26) 2-Nitrophenol	7.77	139	8543	9.178	ng		100
27) 2,4-Dimethylphenol	7.80	122	15202	3.900	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	20357	3.579	ng		99
29) 2,4-Dichlorophenol	8.01	162	14624	3.930	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	16013	3.978	ng		96
31) Naphthalene	8.17	128	52963	4.020	ng		98
32) Benzoic acid	7.87	122	1690	9.826	ng	#	62
34) Hexachlorobutadiene	8.29	225	9629	4.023	ng		92
35) Caprolactam	8.55	113	4260	3.336	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	13855	3.467	ng		92
37) 2-Methylnaphthalene	8.86	142	38121	4.358	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	15987	4.321	ng	#	94
42) 2,4,6-Trichlorophenol	9.14	196	9597	4.093	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	10011	4.121	ng		92
45) 1,1'-Biphenyl	9.33	154	41336	4.284	ng		97
46) 2-Chloronaphthalene	9.35	162	30276	4.325	ng		96
47) 2-Nitroaniline	9.45	65	8463	6.638	ng		84

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Instrument : BNA_F
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Quant Time: Nov 22 17:26:04 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.77	152	45389	3.913	ng		98
49) Dimethylphthalate	9.62	163	40056	4.703	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	7025	4.167	ng	#	85
51) Acenaphthene	9.94	154	25866	3.666	ng		98
52) 3-Nitroaniline	9.86	138	4926	2.474	ng	#	92
54) Dibenzofuran	10.11	168	39804	4.025	ng		95
55) 4-Nitrophenol	10.02	139	7720	4.775	ng		96
56) 2,4-Dinitrotoluene	10.09	165	8133	3.824	ng	#	85
57) Fluorene	10.46	166	30303	4.183	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	6202	3.115	ng	#	90
59) Diethylphthalate	10.32	149	32737	3.841	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	14683	4.132	ng		90
61) 4-Nitroaniline	10.46	138	5344	2.831	ng		84
62) Azobenzene	10.60	77	26579	3.311	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	182	8.742	ng	#	66
65) n-Nitrosodiphenylamine	10.56	169	29270	4.891	ng		91
66) 4-Bromophenyl-phenylether	10.94	248	8277	4.486	ng	#	80
67) Hexachlorobenzene	11.00	284	8235	4.267	ng	#	84
68) Atrazine	11.09	200	7636	4.215	ng		97
69) Pentachlorophenol	11.20	266	6172	4.460	ng		92
70) Phenanthrene	11.42	178	41034	4.528	ng		98
71) Anthracene	11.47	178	36505	3.970	ng		98
72) Carbazole	11.62	167	32522	3.834	ng		99
73) Di-n-butylphthalate	11.95	149	40987	4.129	ng		98
74) Fluoranthene	12.61	202	42470	4.422	ng		96
77) Pyrene	12.84	202	44198	3.575	ng		98
79) Butylbenzylphthalate	13.45	149	17228	3.417	ng	#	95
80) Benzo(a)anthracene	14.02	228	43488	4.164	ng		98
82) Chrysene	14.06	228	43827	4.333	ng		96
83) Bis(2-ethylhexyl)phthalate	14.00	149	24018	3.622	ng	#	94
84) Di-n-octyl phthalate	14.62	149	46222	4.057	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	31324	3.829	ng		96
87) Benzo(b)fluoranthene	15.07	252	40520	4.076	ng		95
88) Benzo(k)fluoranthene	15.10	252	39561	4.212	ng		96
89) Benzo(a)pyrene	15.44	252	36565	4.149	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	26064	3.616	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	25083	3.555	ng	#	92

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

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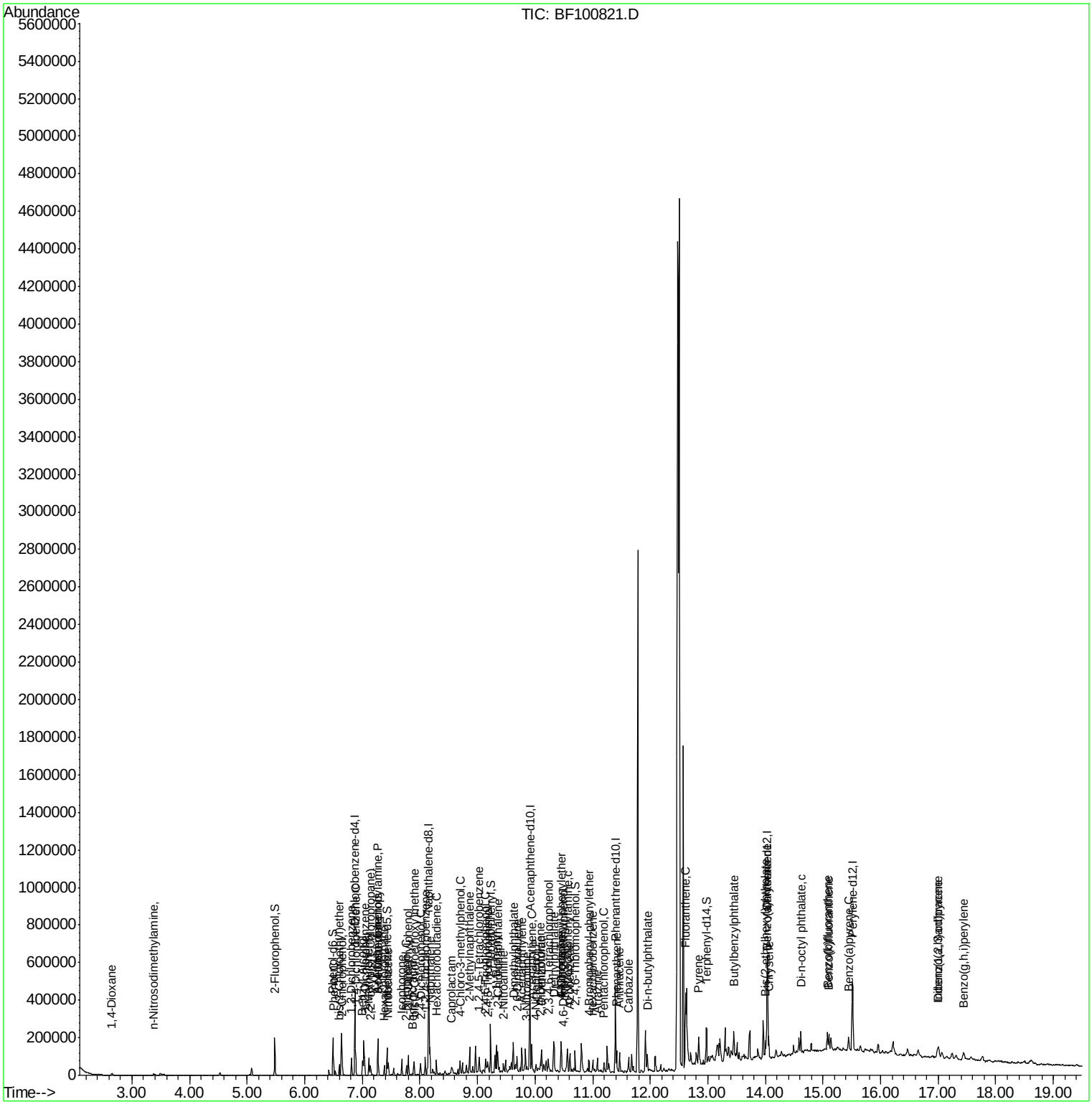
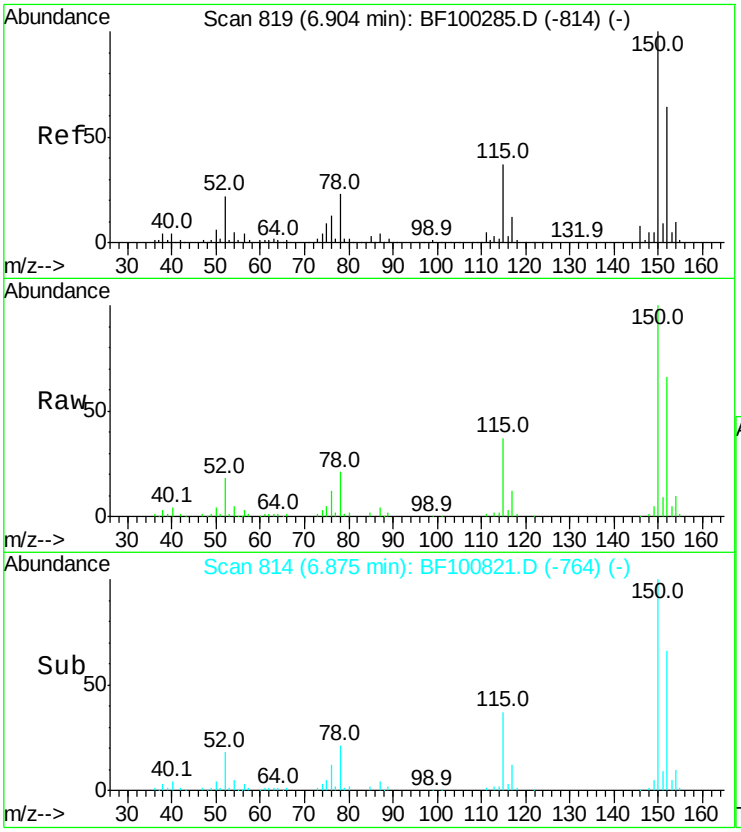


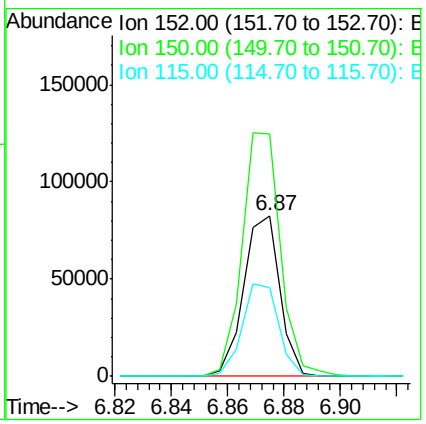


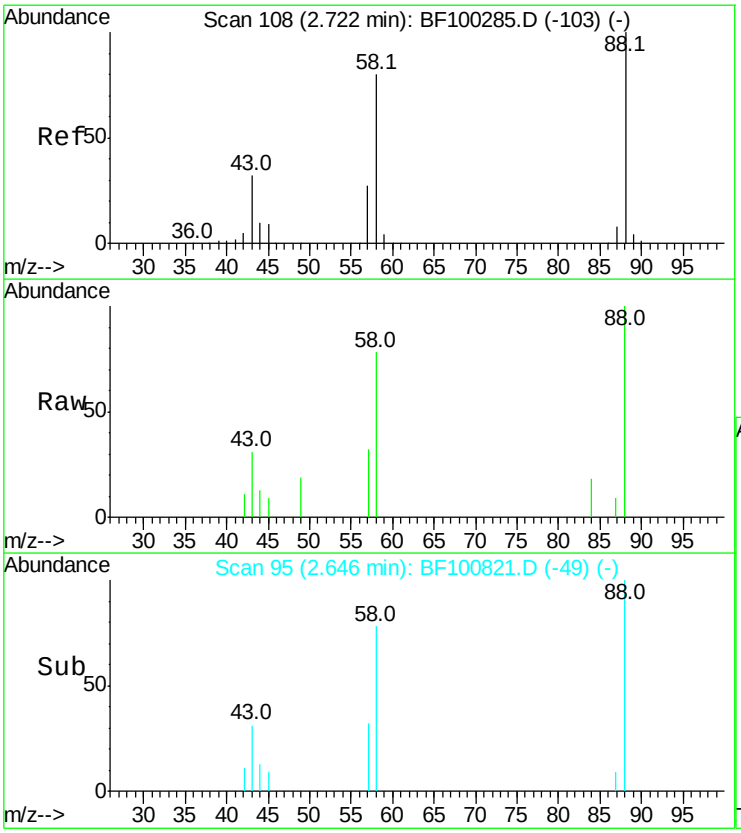
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73485

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.6	186.8
115	55.4	50.1	75.1

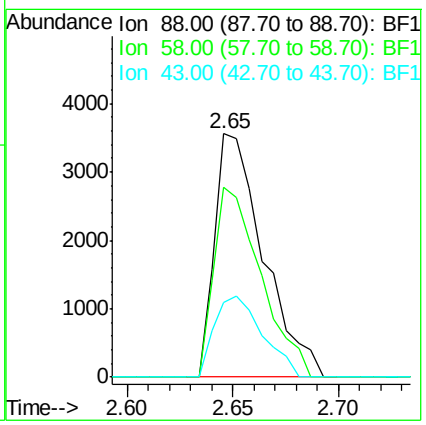


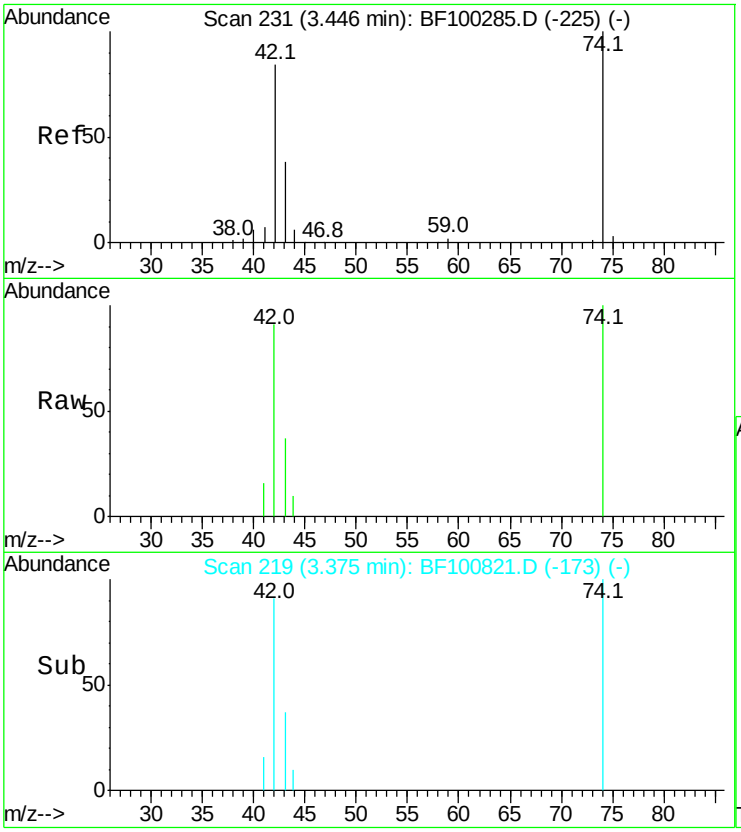


#2
1,4-Dioxane
Concen: 2.553 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.03 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 88 Resp: 5704

Ion	Ratio	Lower	Upper
88	100		
58	75.2	62.6	93.8
43	32.8	24.6	37.0



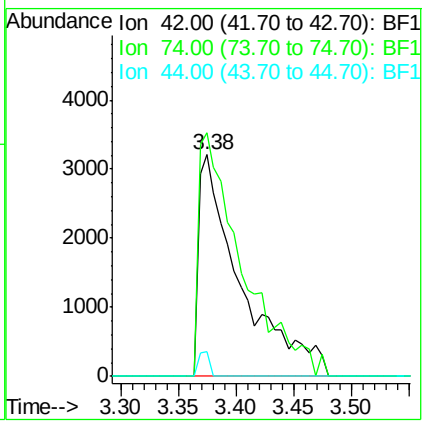


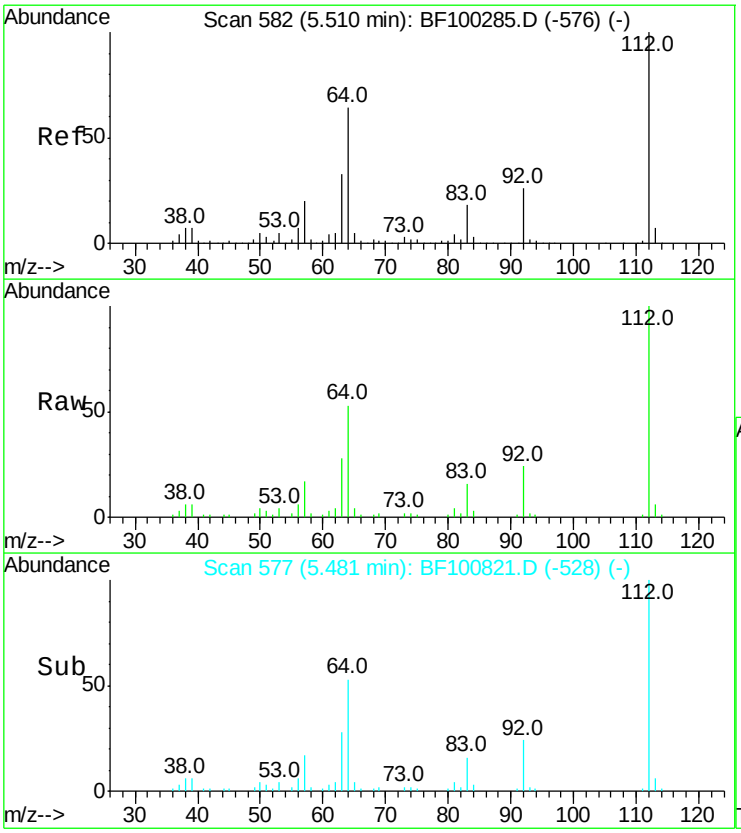
#4
n-Nitrosodimethylamine
Concen: 2.761 ng
RT: 3.38 min Scan# 219
Delta R.T. -0.03 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 8169

Ion	Ratio	Lower	Upper
42	100		
74	110.0	104.9	157.3
44	10.9	6.9	10.3#

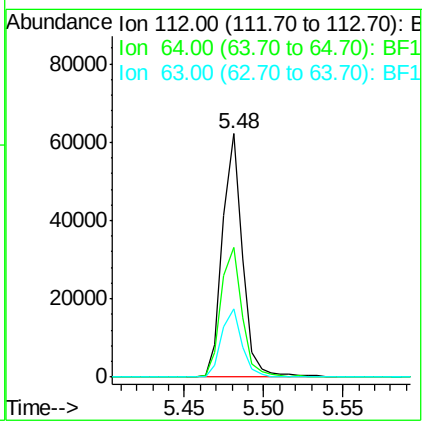


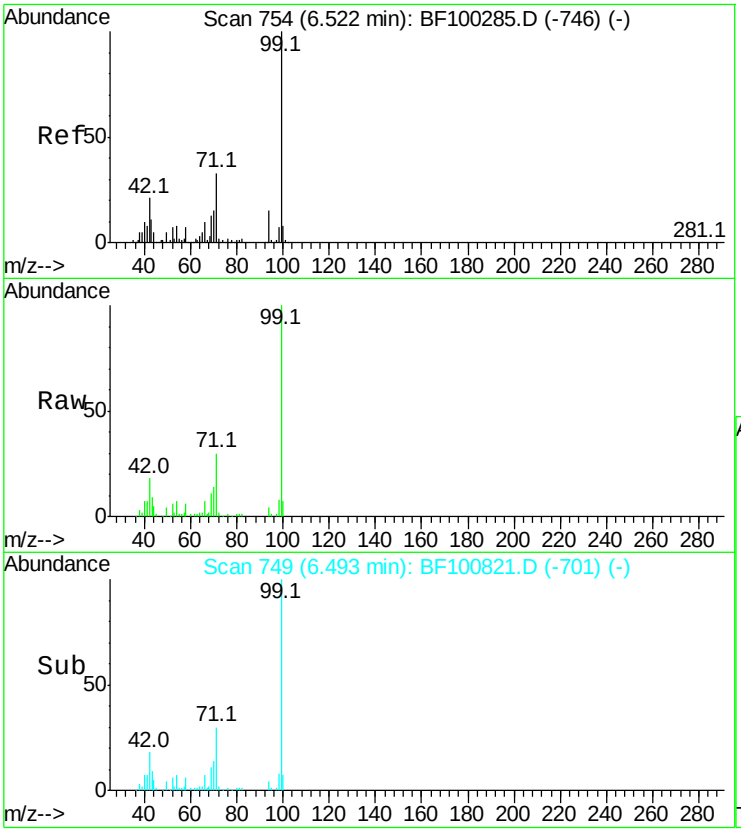


#5
2-Fluorophenol
Concen: 11.884 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:112 Resp: 54481

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	27.8	23.7	35.5



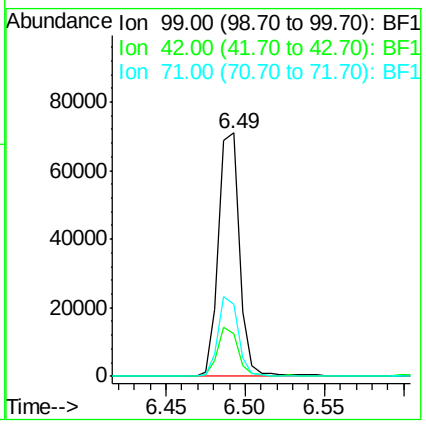


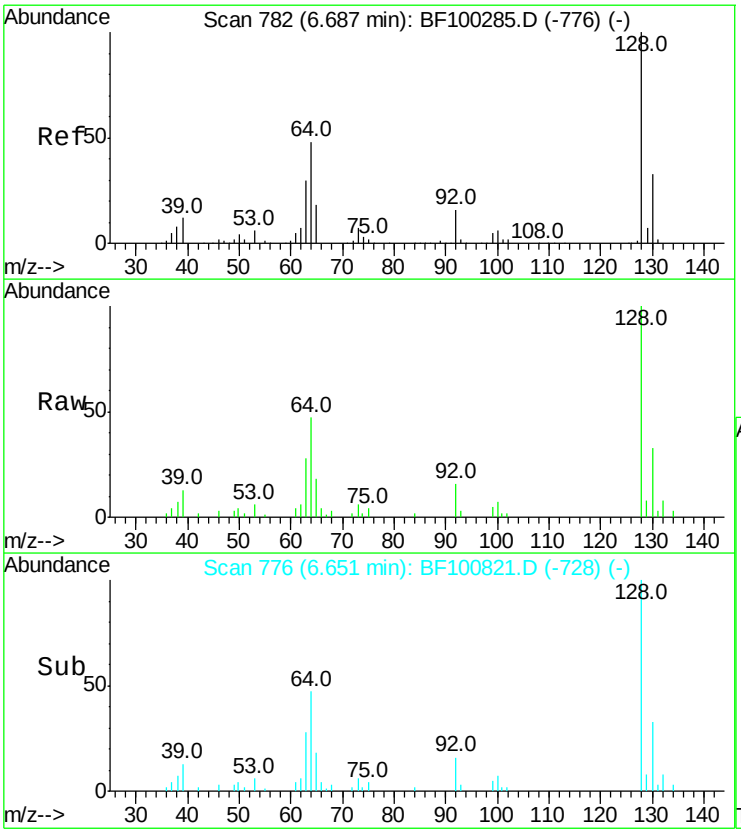
#7
Phenol-d6
Concen: 11.607 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 65616

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	29.7	25.4	38.0

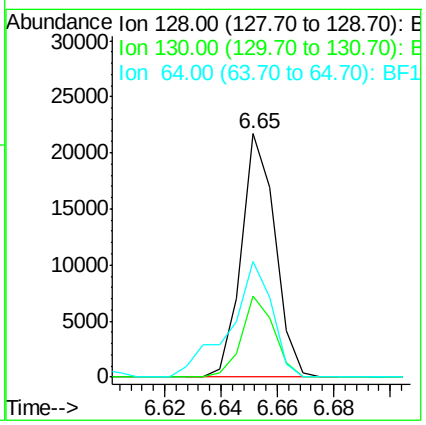


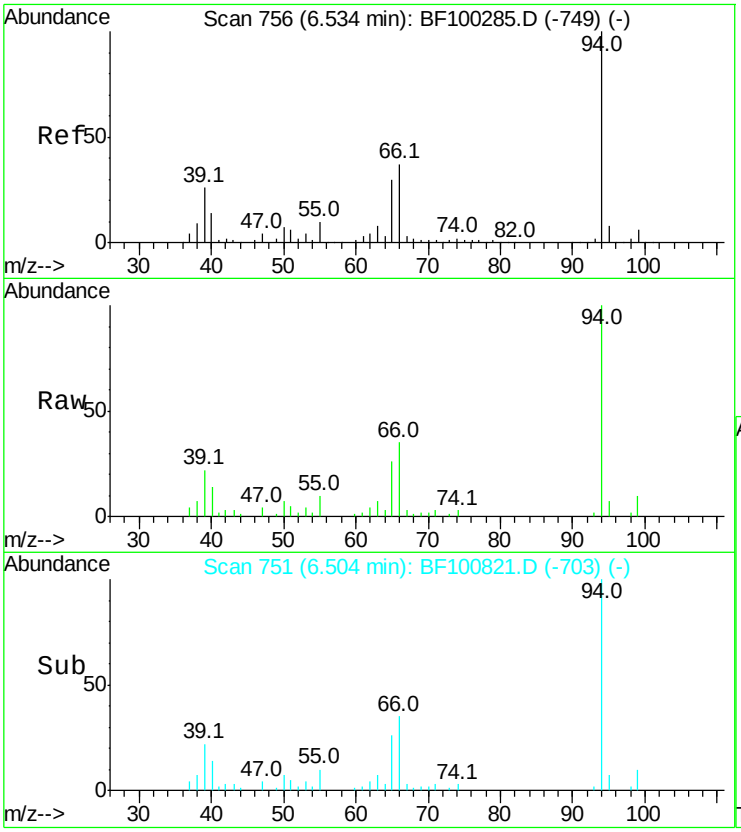


#8
2-Chlorophenol
Concen: 3.698 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:128 Resp: 17936

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	47.2	29.4	69.4



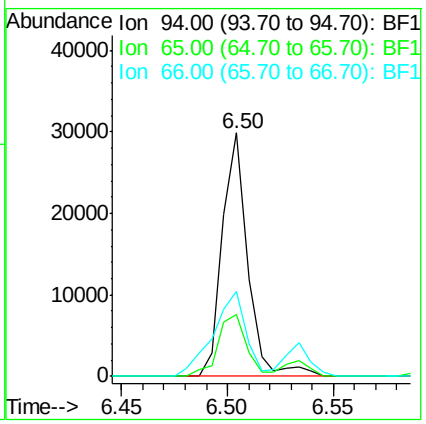


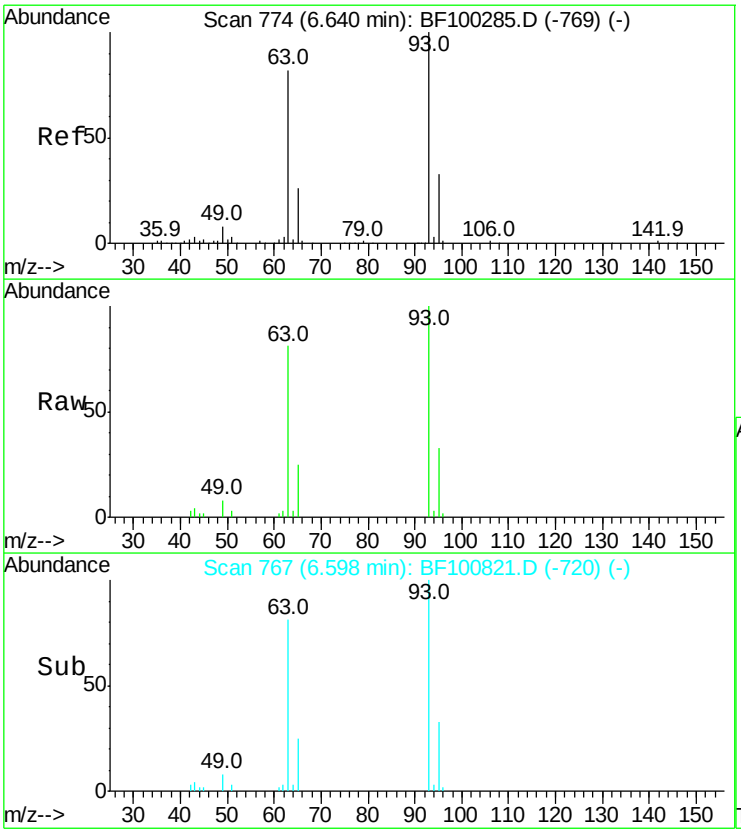
#10
Phenol
Concen: 4.189 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 24861

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	35.1	16.2	56.2

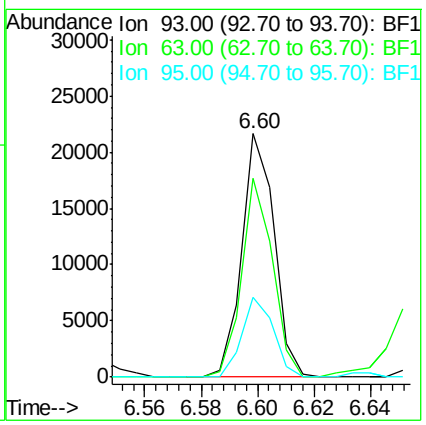


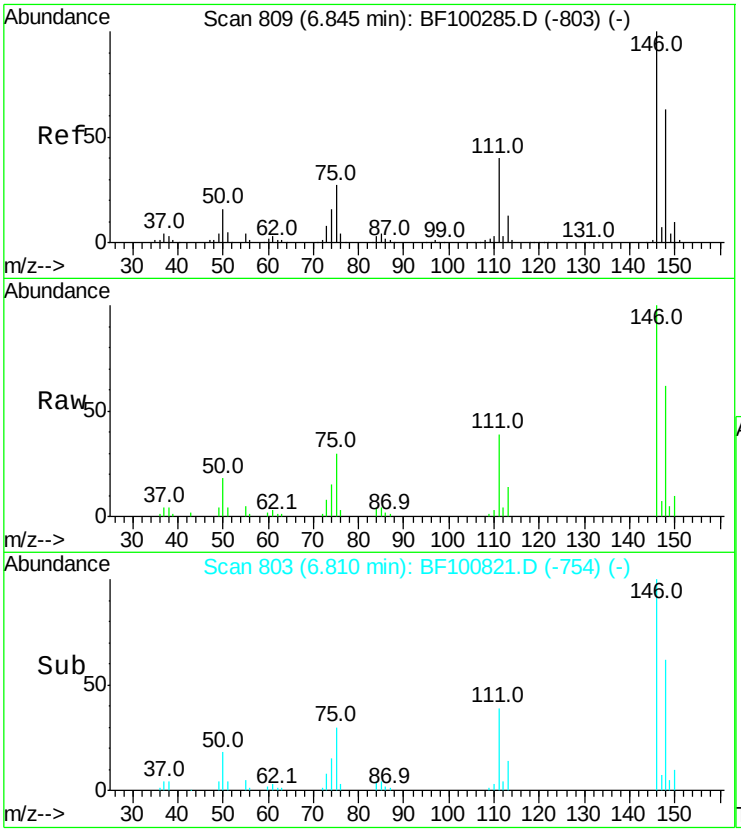


#11
bis(2-Chloroethyl)ether
Concen: 3.457 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 93 Resp: 17232

Ion	Ratio	Lower	Upper
93	100		
63	81.5	58.6	98.6
95	32.9	11.8	51.8



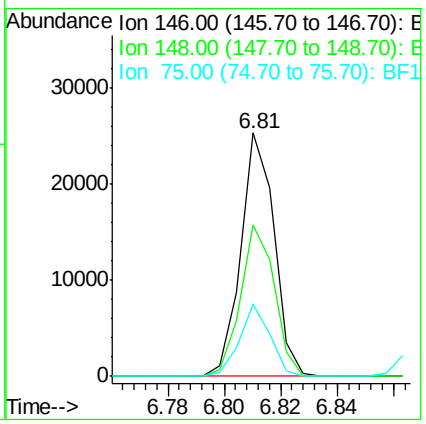


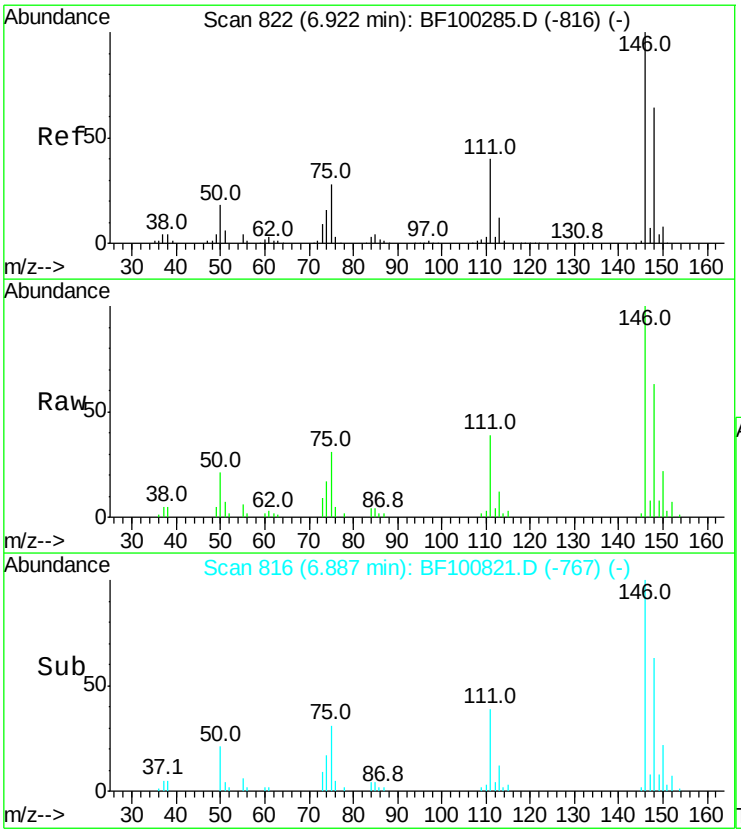
#12
1,3-Dichlorobenzene
Concen: 3.689 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 20628

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	29.6	24.2	36.4

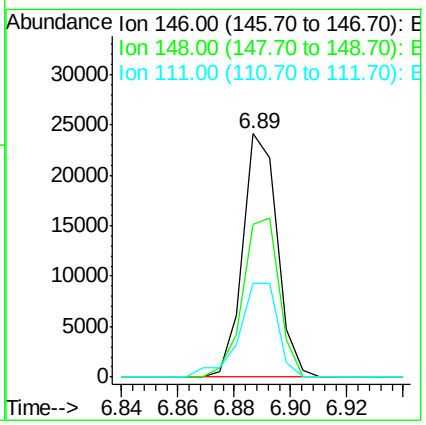


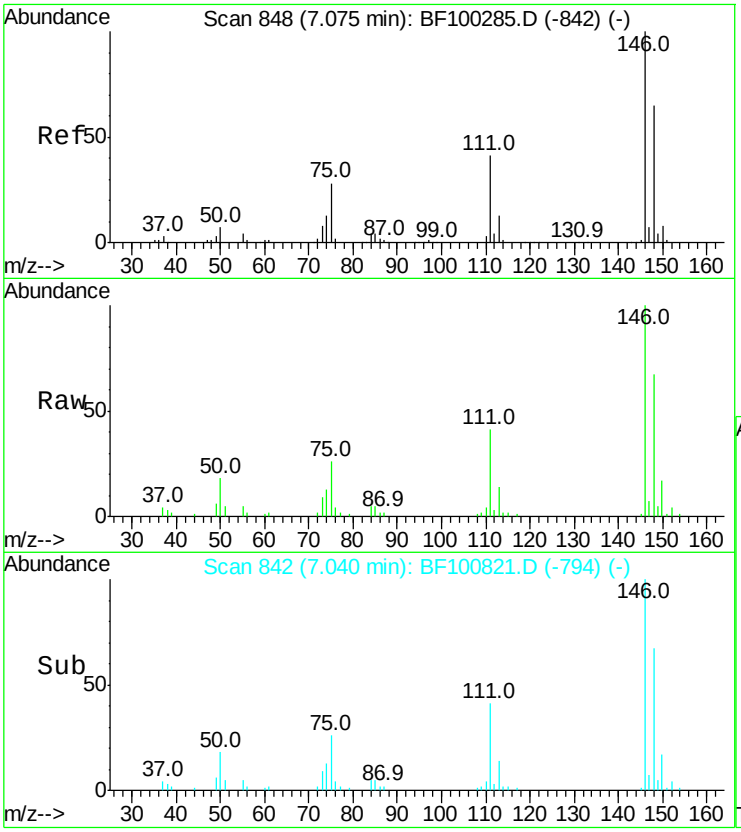


#13
1,4-Dichlorobenzene
Concen: 3.609 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:146 Resp: 20426

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	38.8	34.2	51.2



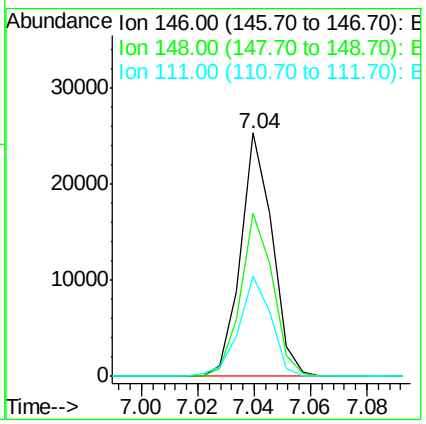


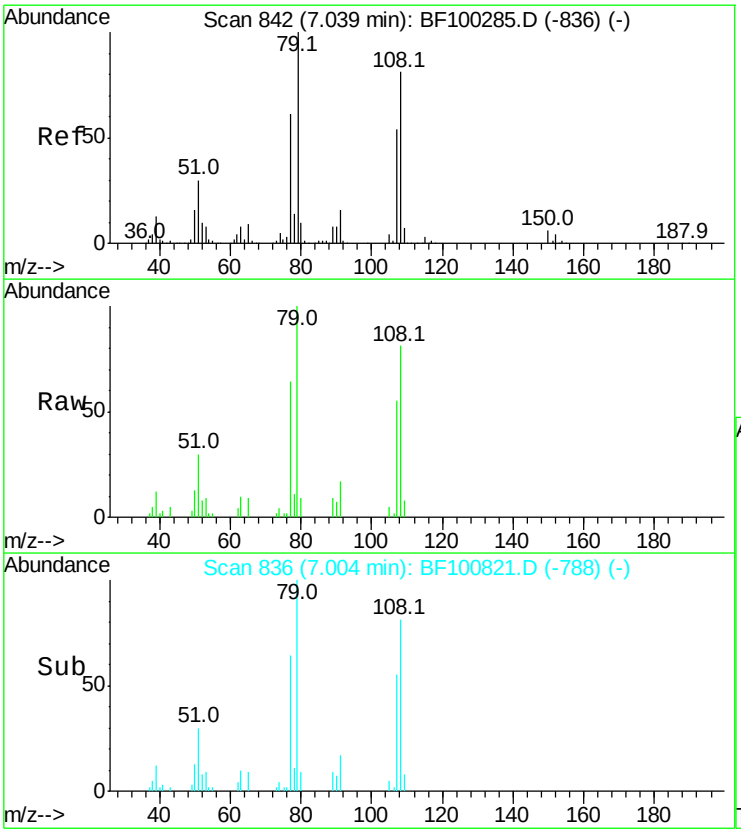
#14
1,2-Dichlorobenzene
Concen: 3.760 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 19674

Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.6	75.8
111	41.0	36.0	54.0

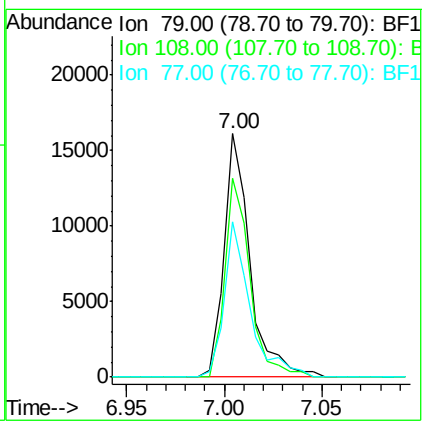


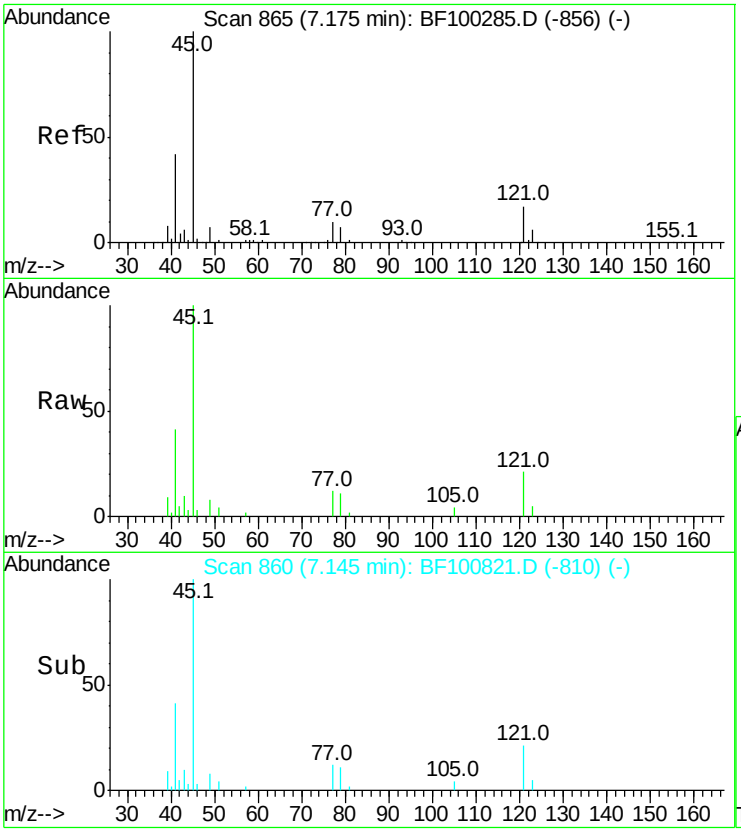


#15
Benzyl Alcohol
Concen: 3.368 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 79 Resp: 14860

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.8	50.6	75.8



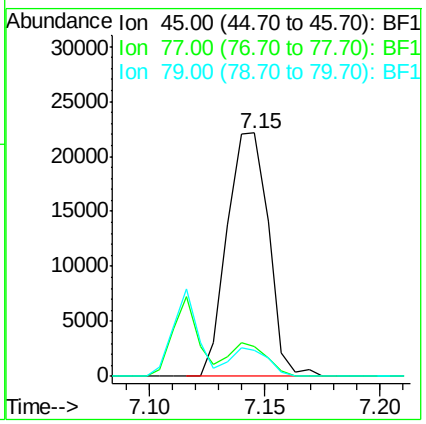


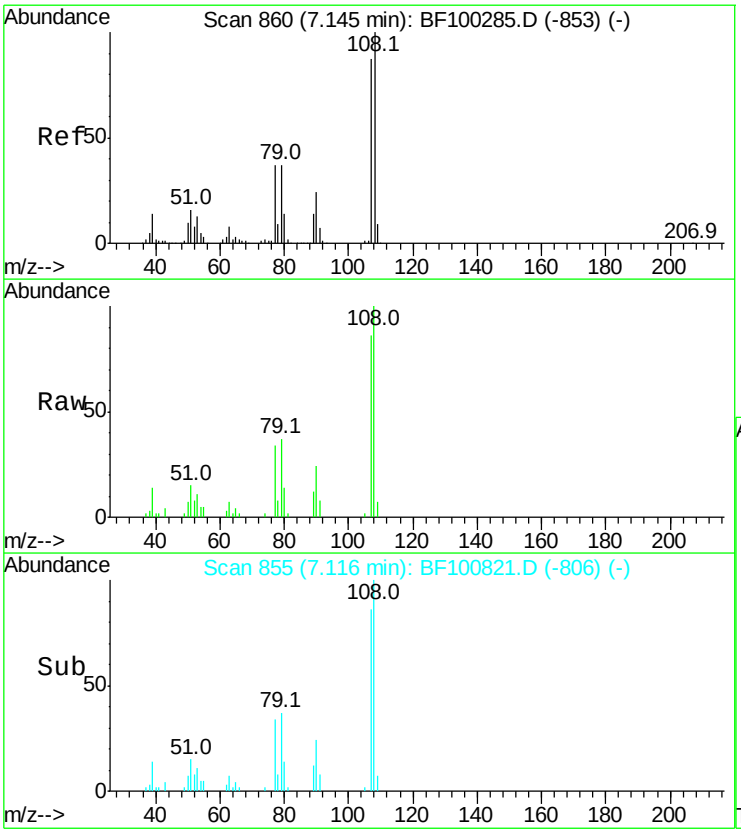
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.465 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 27624

Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	10.6	0.0	29.6

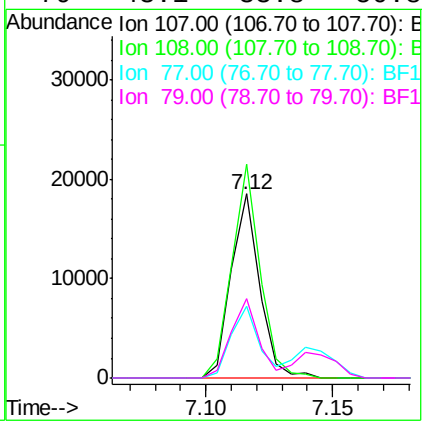


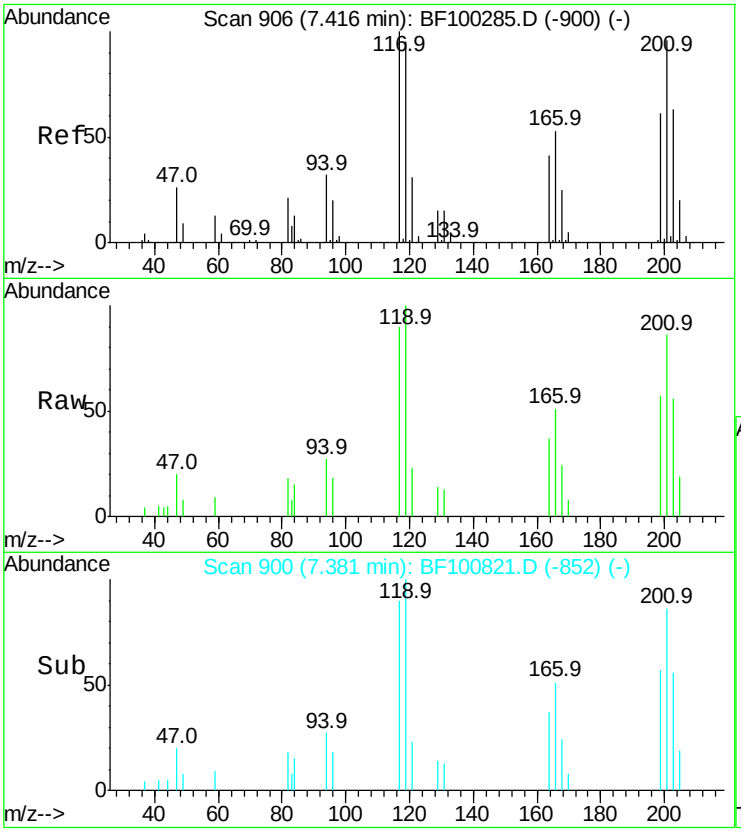


#17
2-Methylphenol
Concen: 3.488 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:107 Resp: 14457

Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.7	137.5
77	39.1	33.8	50.8
79	43.1	33.8	50.8



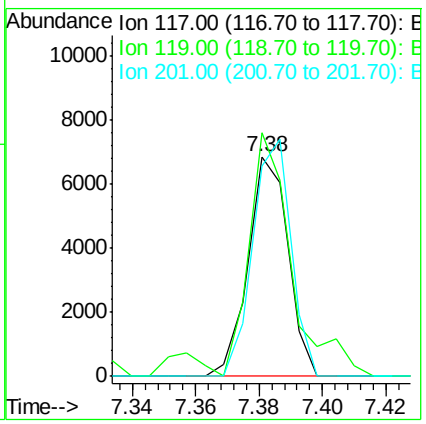


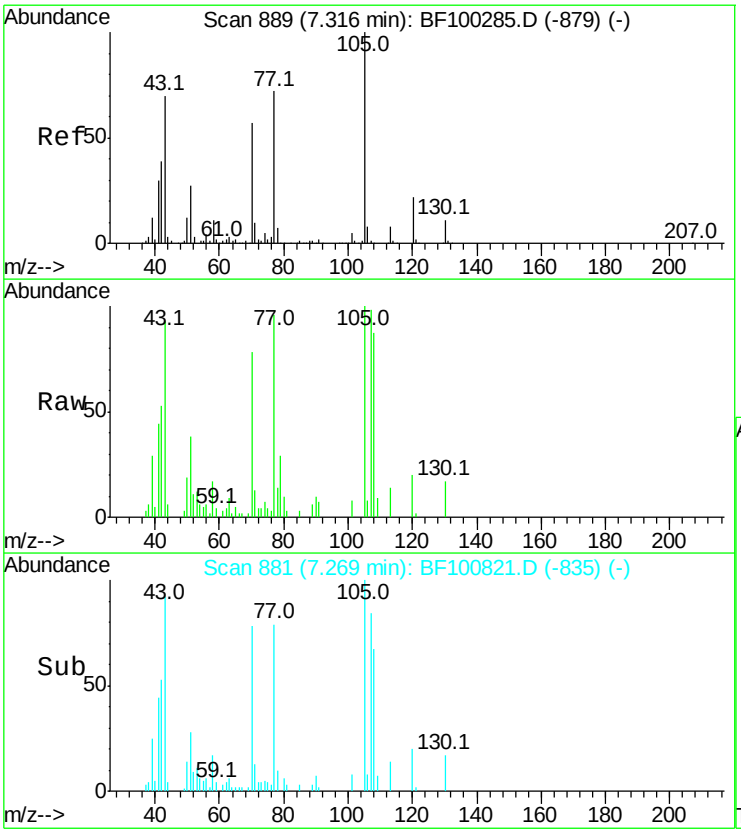
#18
Hexachloroethane
Concen: 3.205 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 5981

Ion	Ratio	Lower	Upper
117	100		
119	110.9	75.8	113.8
201	95.6	75.7	113.5

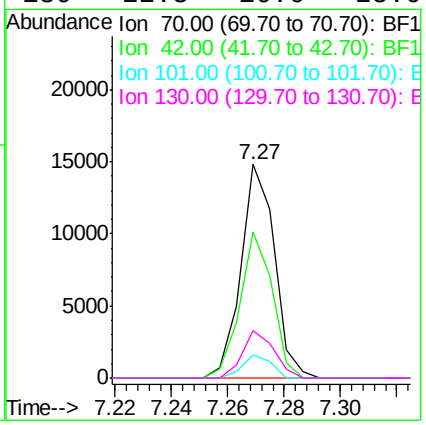


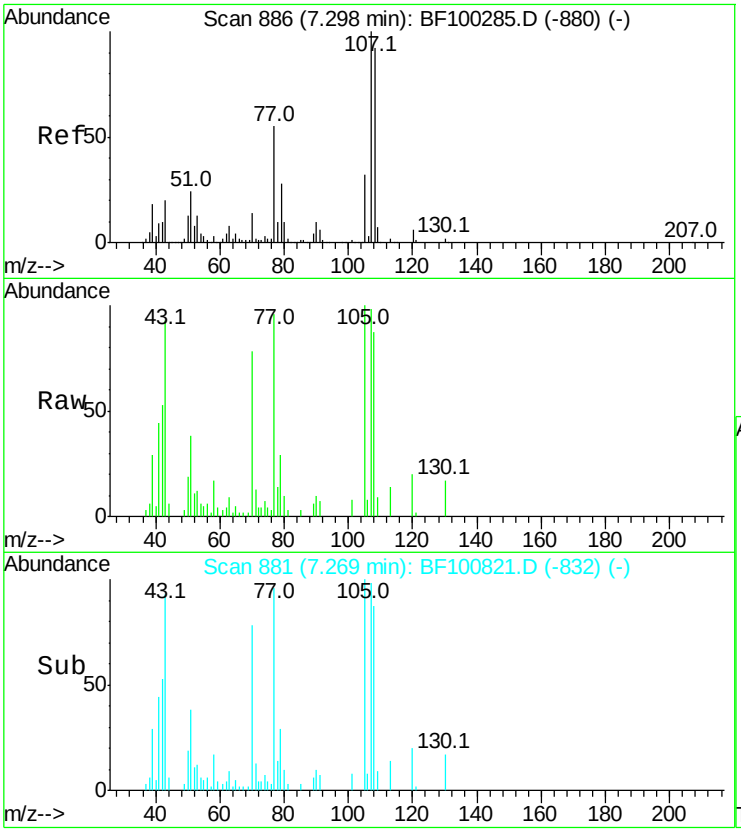


#19
n-Nitroso-di-n-propylamine
Concen: 3.119 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 70 Resp: 12228

Ion	Ratio	Lower	Upper
70	100		
42	68.0	47.5	71.3
101	10.9	7.4	11.2
130	22.3	16.6	25.0



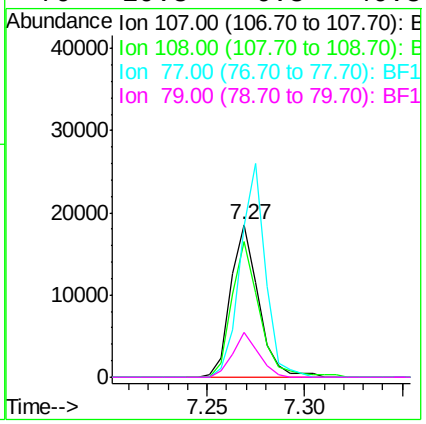


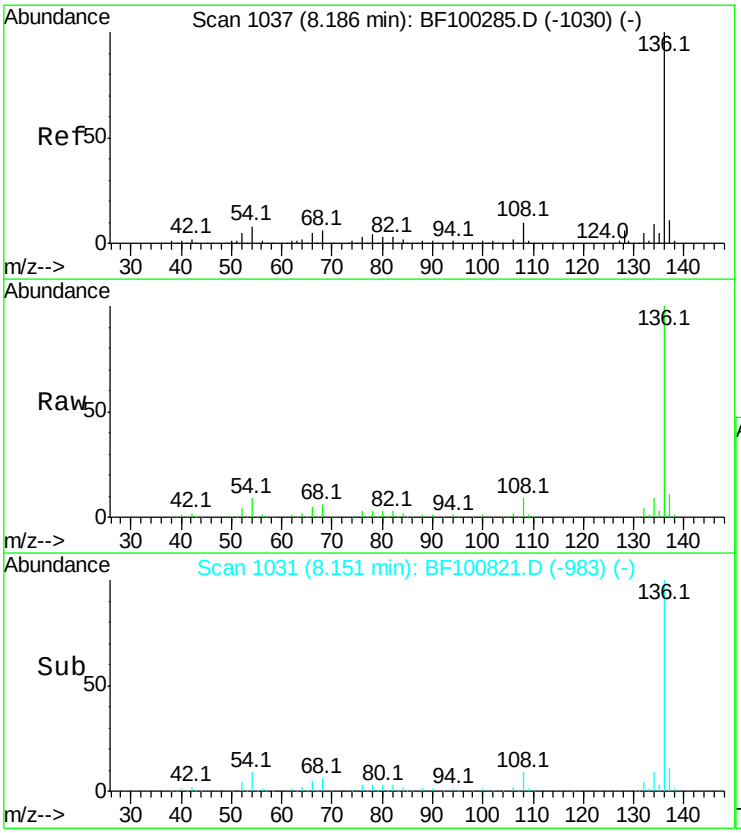
#20
3+4-Methylphenols
Concen: 3.510 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 18406

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	98.6	26.7	66.7#
79	29.3	6.3	46.3

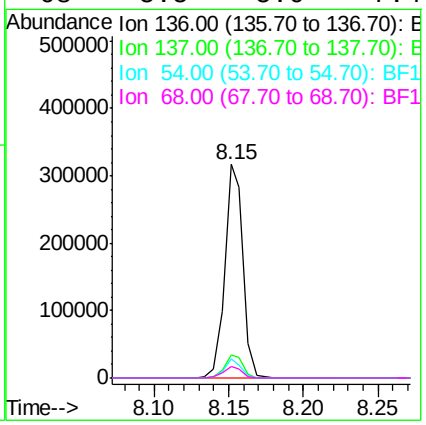


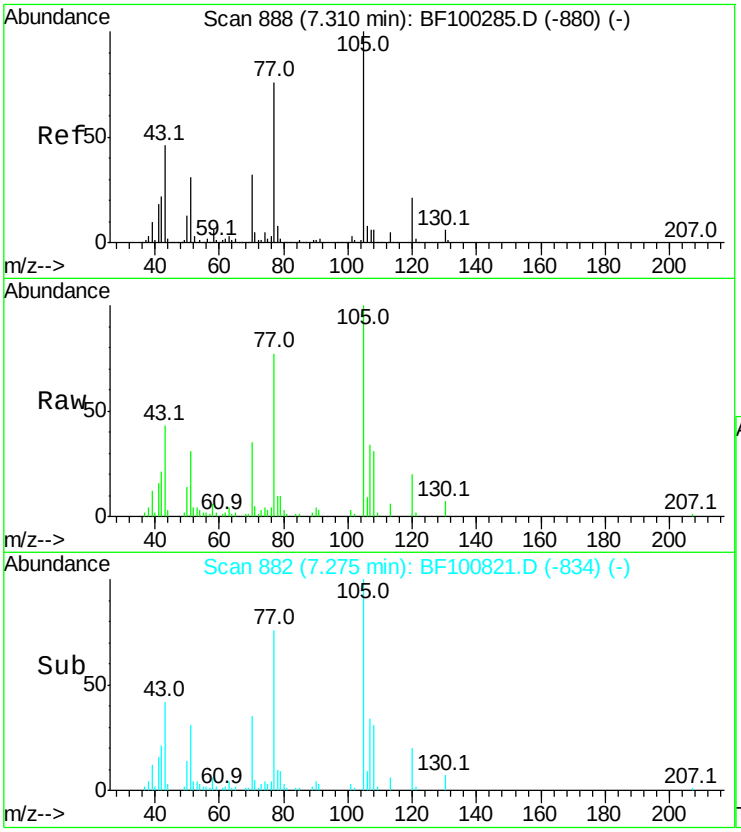


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:136 Resp: 273567

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4



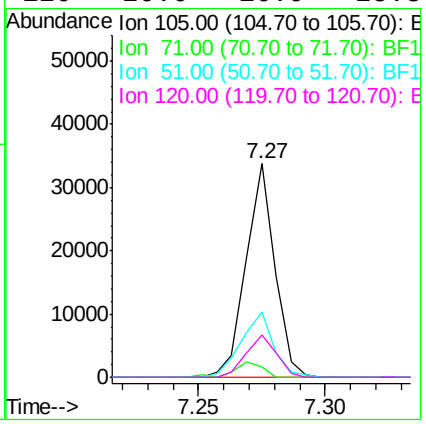


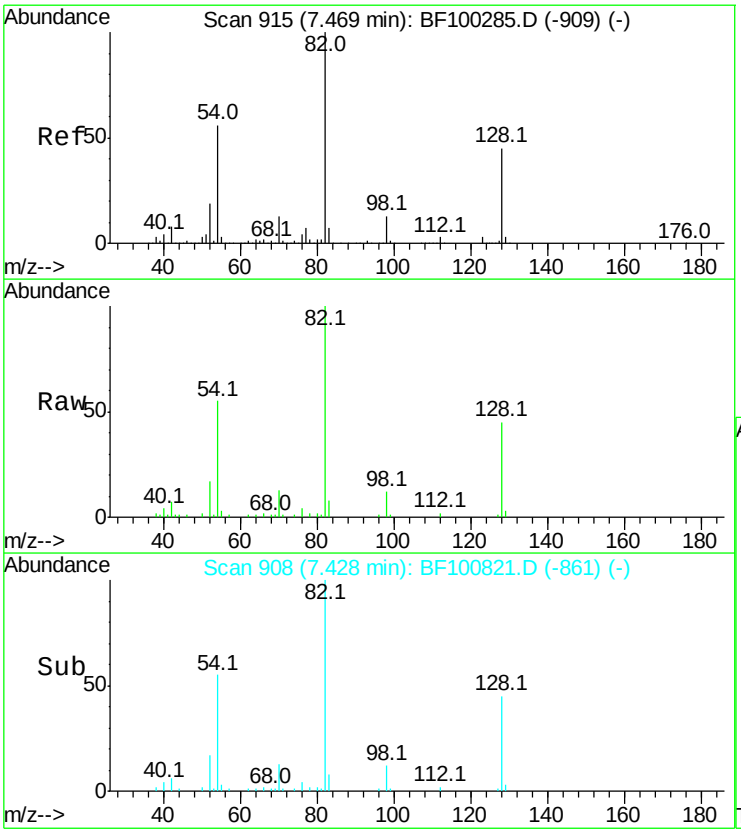
#22
Acetophenone
Concen: 4.010 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 26749

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.4	6.6
51	30.8	22.3	33.5
120	20.0	16.9	25.3

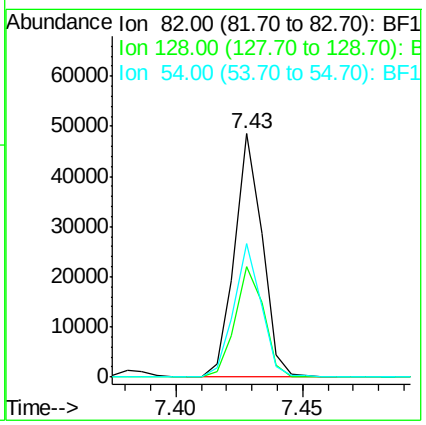


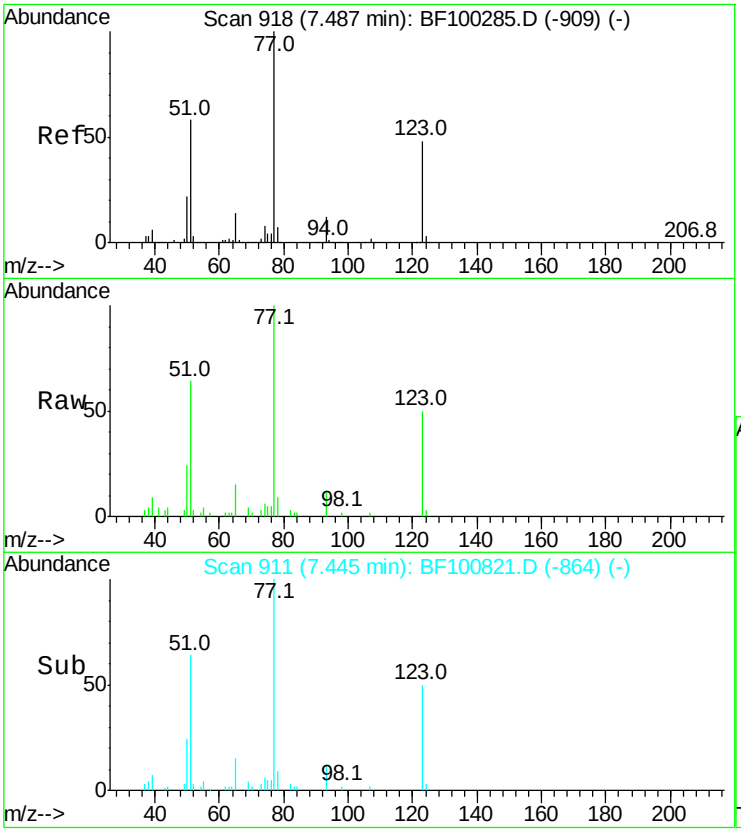


#23
Nitrobenzene-d5
Concen: 8.923 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 82 Resp: 36924

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2



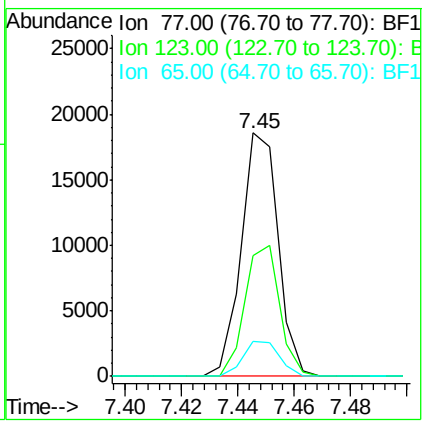


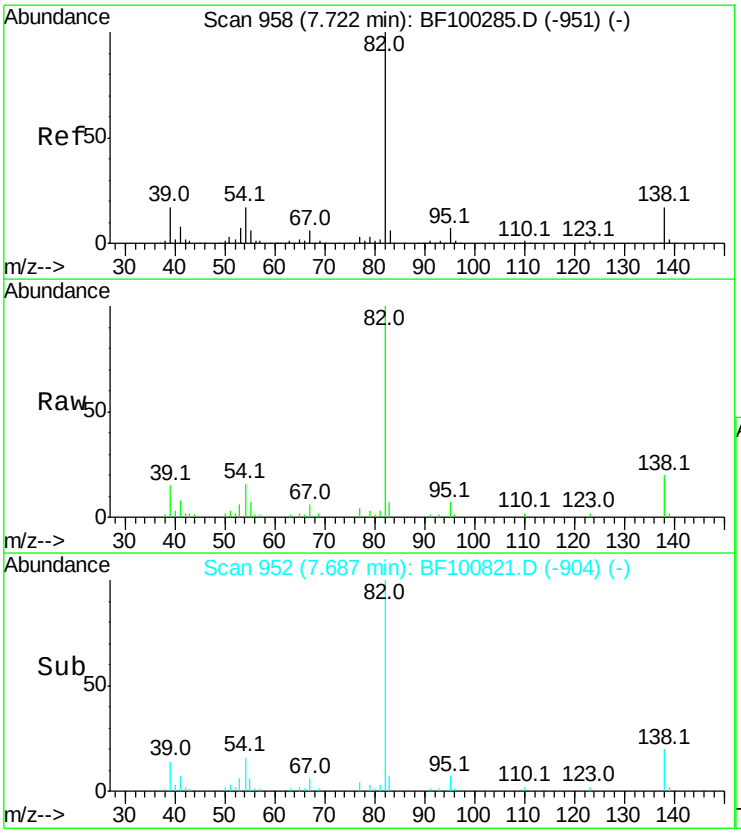
#24
Nitrobenzene
Concen: 3.959 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 16863

Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.9	56.9
65	14.6	11.0	16.4

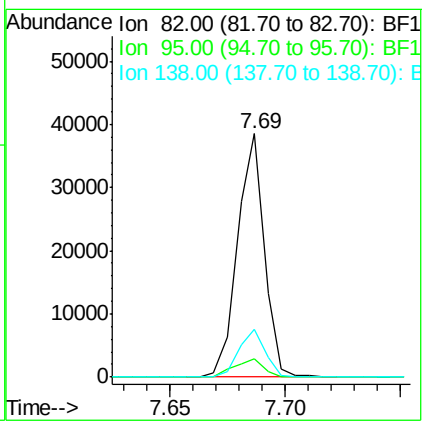


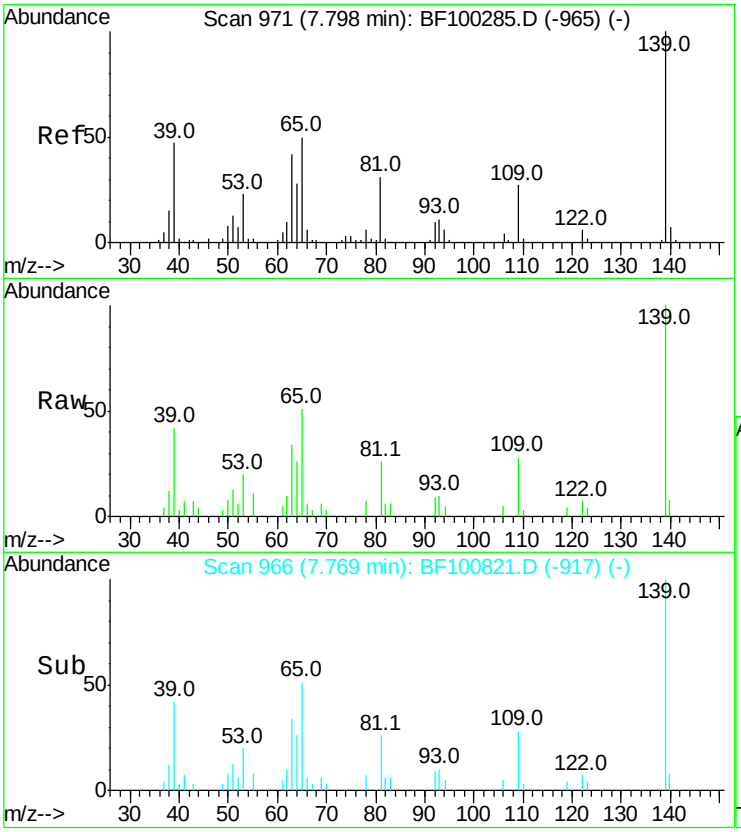


#25
Isophorone
Concen: 3.591 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 82 Resp: 31223

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.2	7.8
138	19.5	14.9	22.3



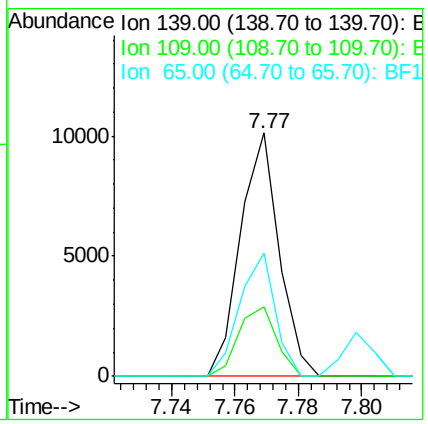


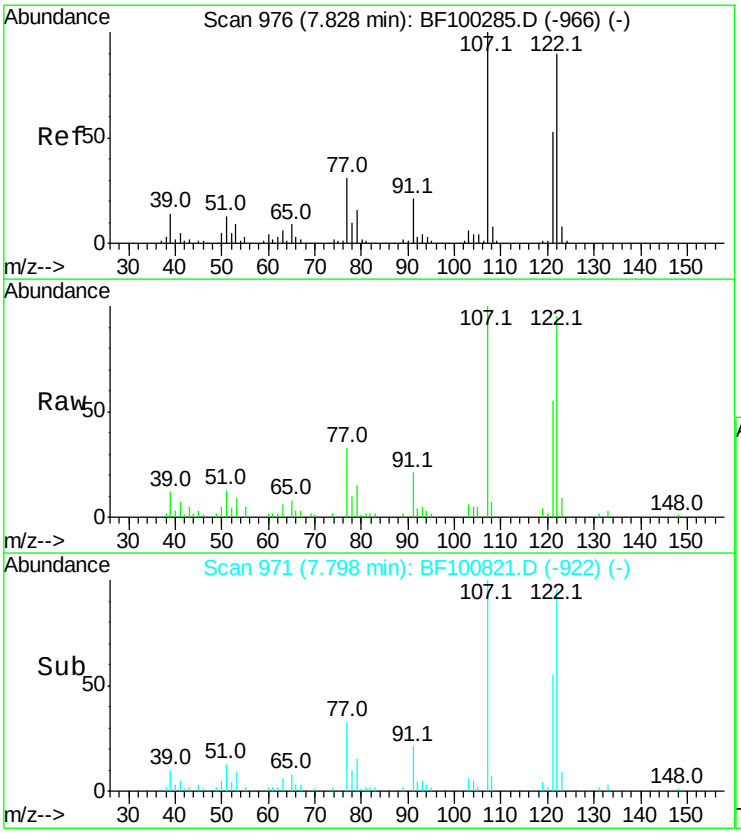
#26
2-Nitrophenol
Concen: 9.178 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8543

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	50.6	40.5	60.7

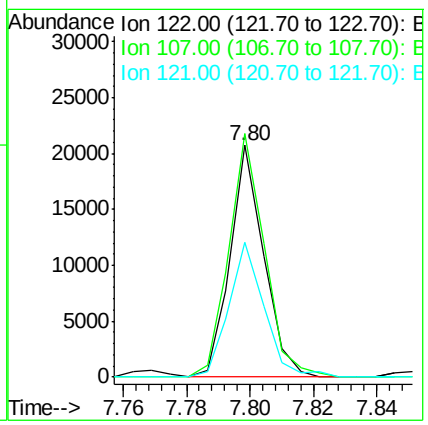


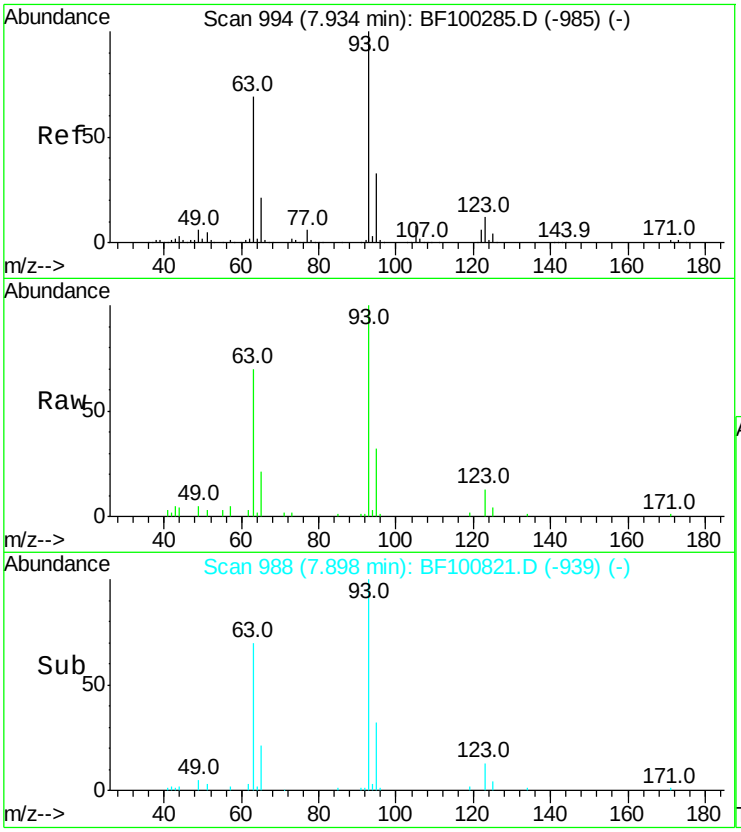


#27
2,4-Dimethylphenol
Concen: 3.900 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:122 Resp: 15202

Ion	Ratio	Lower	Upper
122	100		
107	105.1	91.2	136.8
121	57.9	47.2	70.8



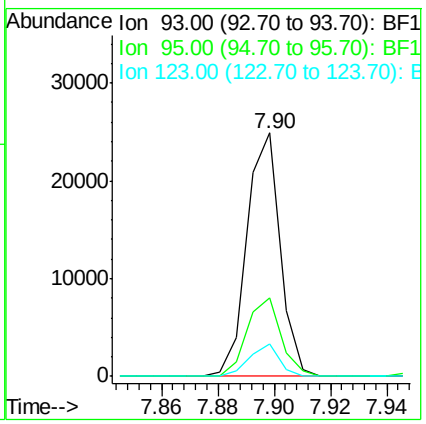


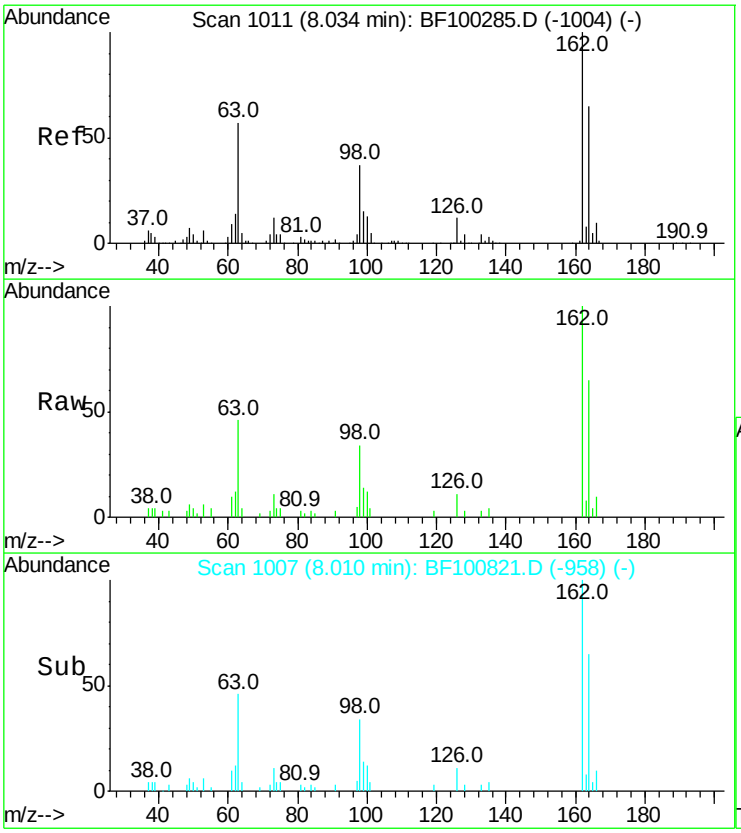
#28
bis(2-Chloroethoxy)methane
Concen: 3.579 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 20357

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	13.1	9.8	14.6

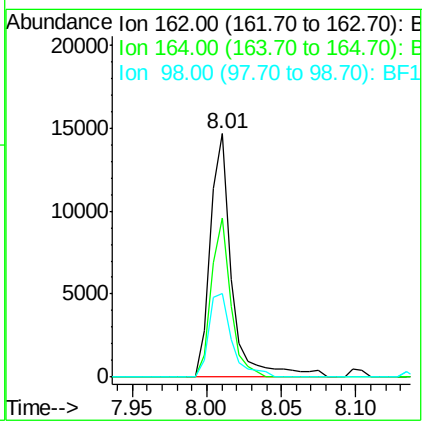


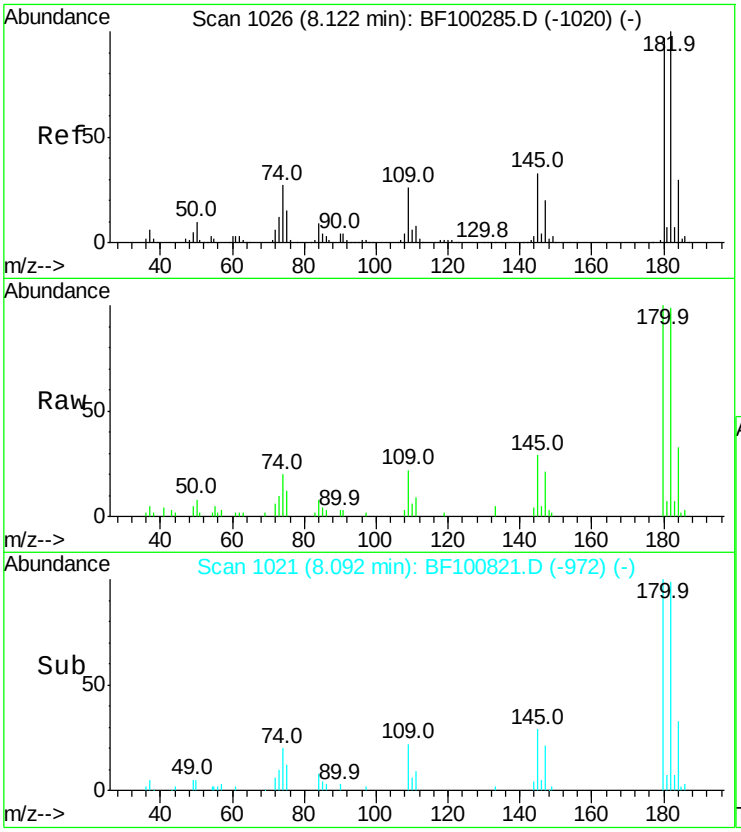


#29
2,4-Dichlorophenol
Concen: 3.930 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:162 Resp: 14624

Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	34.4	18.1	58.1



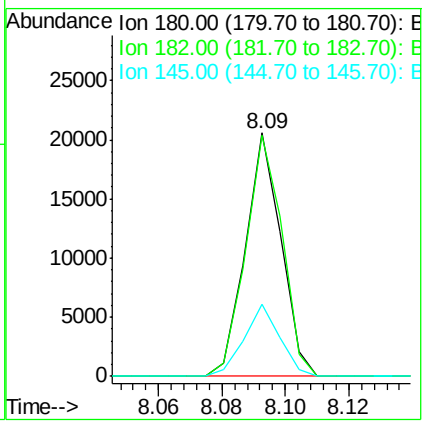


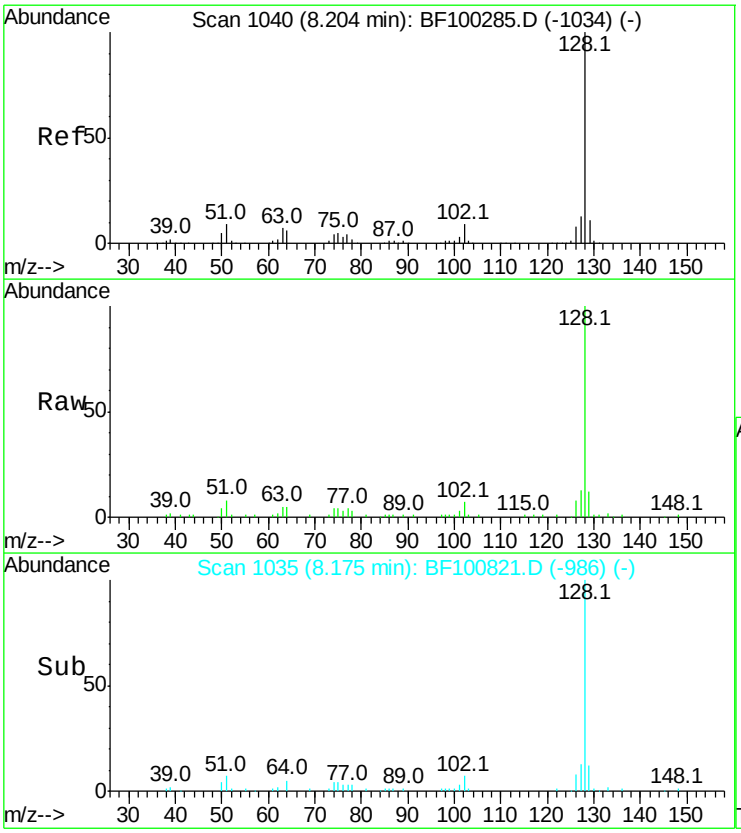
#30
1,2,4-Trichlorobenzene
Concen: 3.978 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 16013

Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	29.3	26.5	39.7

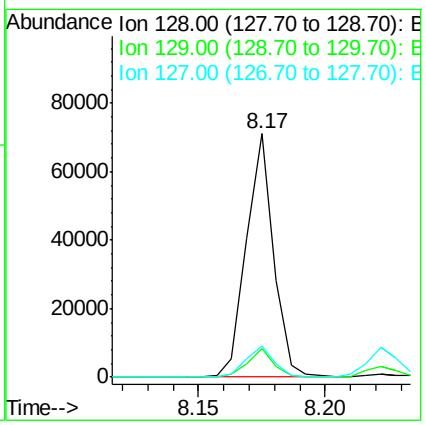


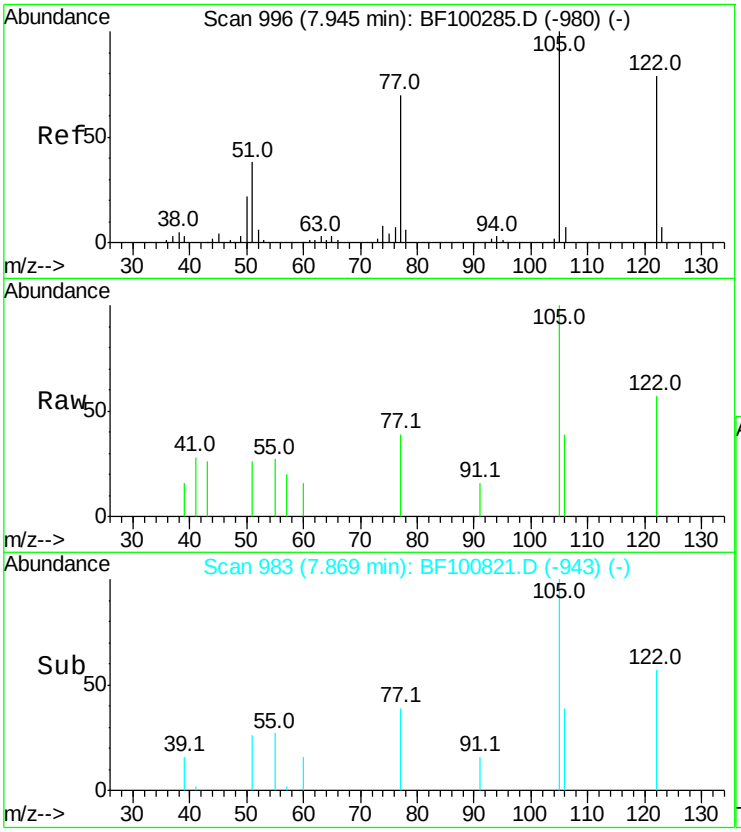


#31
Naphthalene
Concen: 4.020 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:128 Resp: 52963

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.7	10.9	16.3



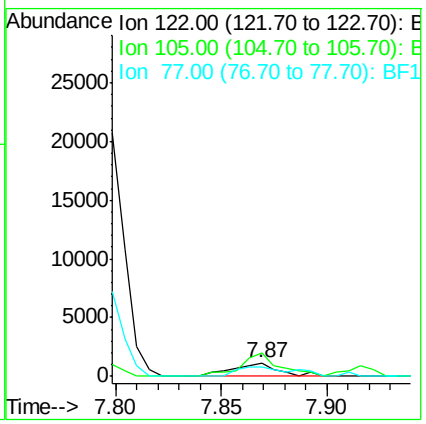


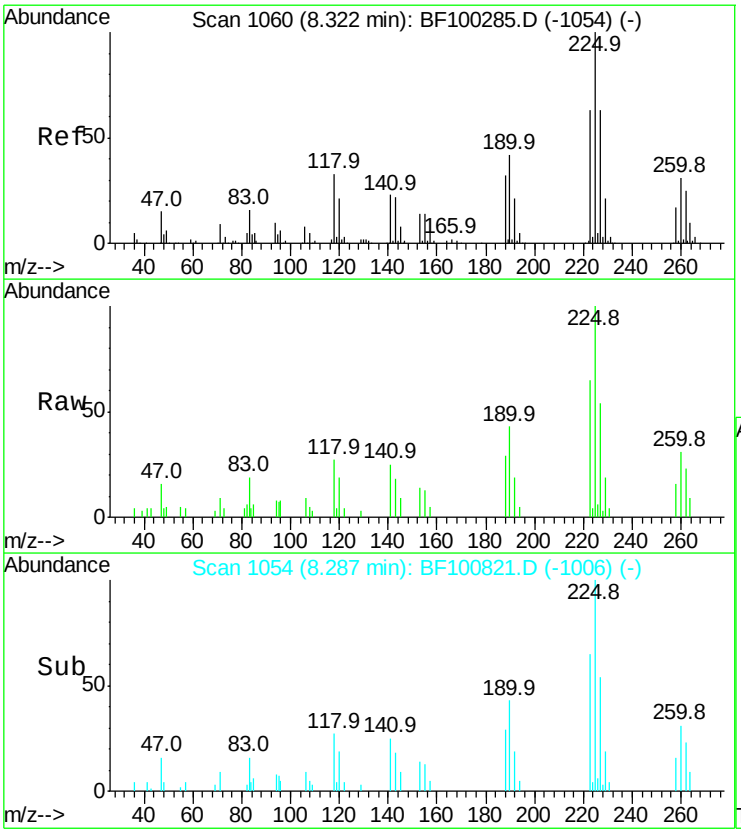
#32
Benzoic acid
Concen: 9.826 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1690

Ion	Ratio	Lower	Upper
122	100		
105	175.0	101.1	141.1#
77	68.6	70.7	110.7#

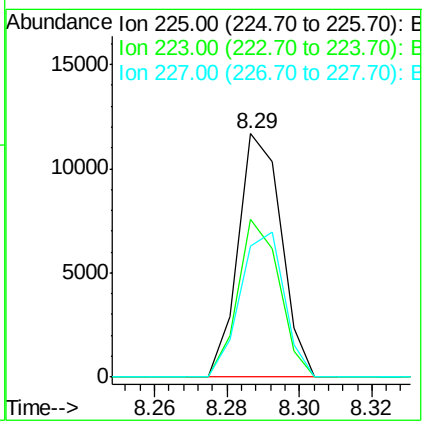


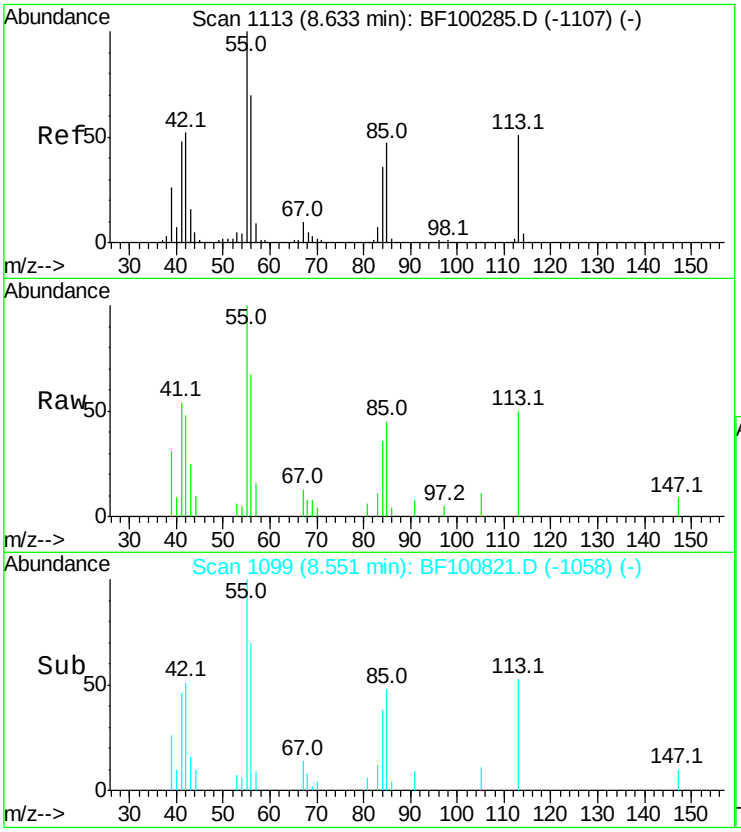


#34
Hexachlorobutadiene
Concen: 4.023 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:225 Resp: 9629

Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	54.0	51.9	77.9



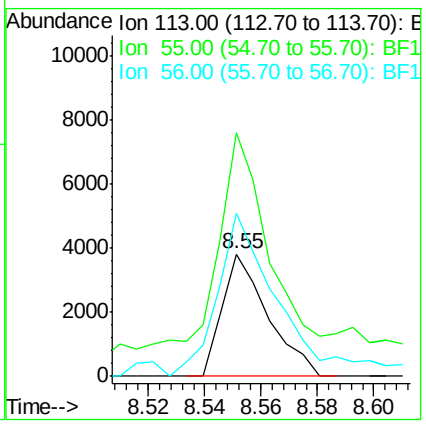


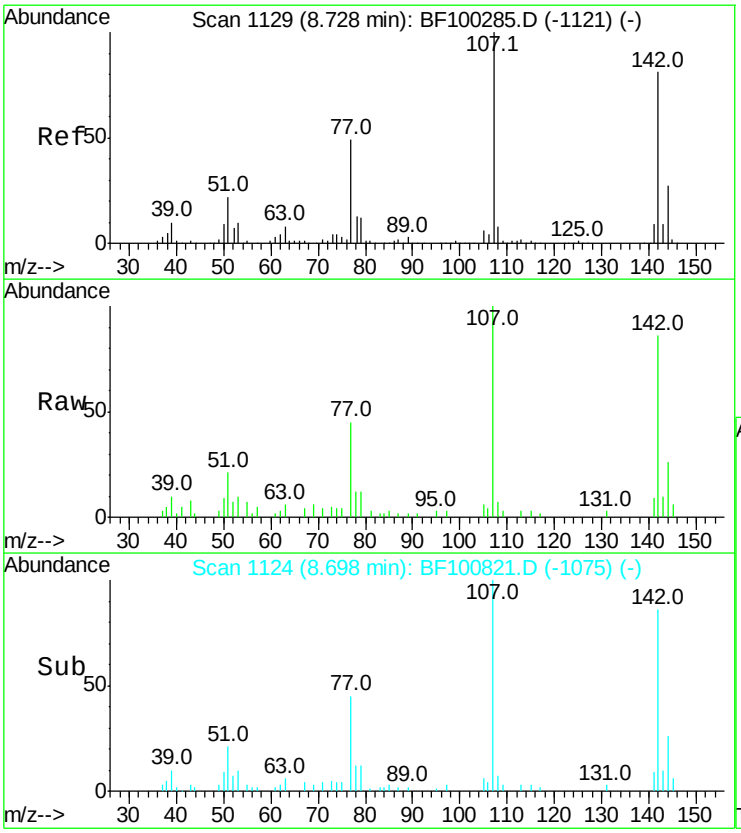
#35
Caprolactam
Concen: 3.336 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 4260

Ion	Ratio	Lower	Upper
113	100		
55	198.8	163.3	203.3
56	132.6	115.7	155.7

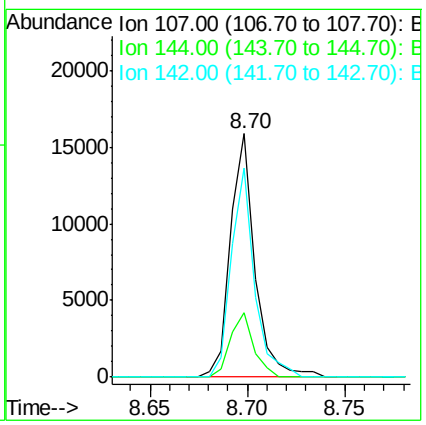


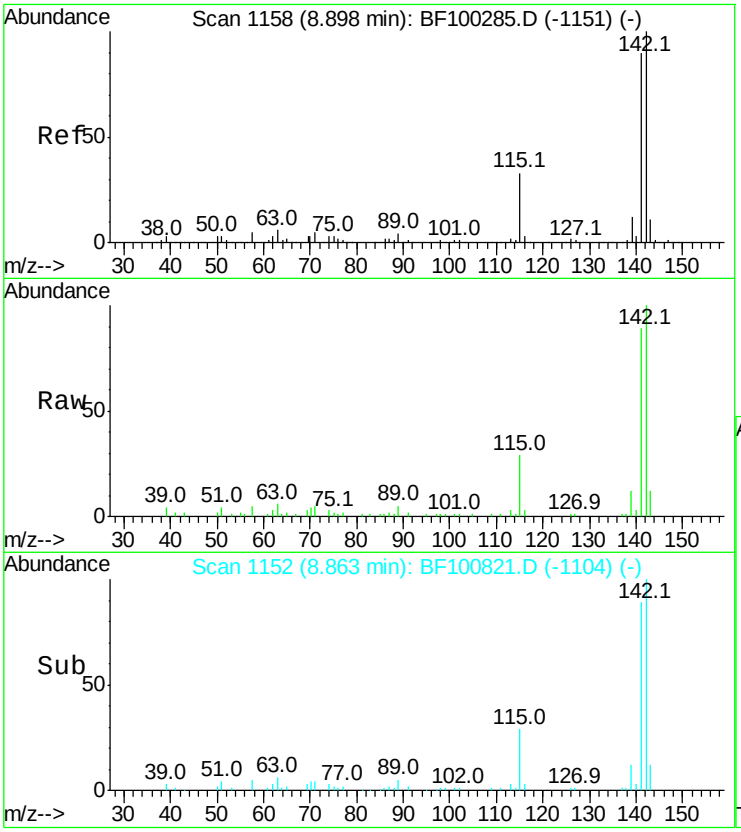


#36
4-Chloro-3-methylphenol
Concen: 3.467 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:107 Resp: 13855

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	85.9	62.0	93.0

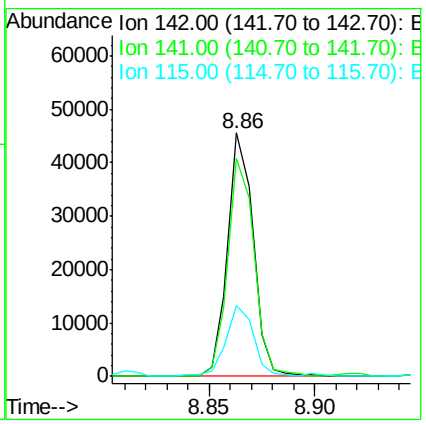




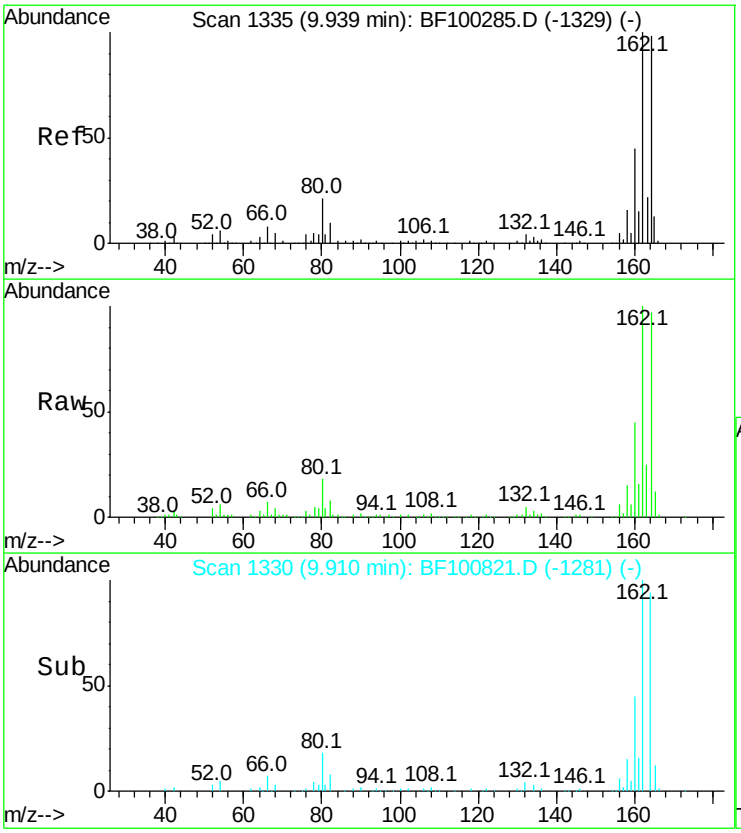
#37
2-Methylnaphthalene
Concen: 4.358 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:142 Resp: 38121

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	29.3	26.1	39.1



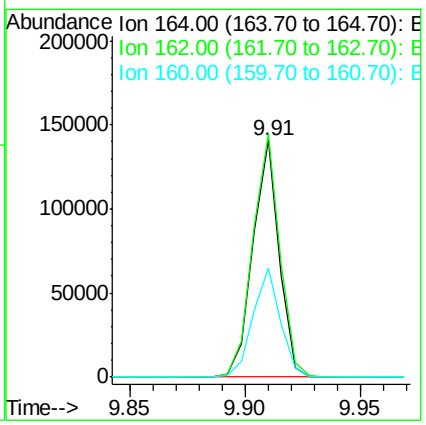
Instrument :
BNA_F
ClientSampleId :

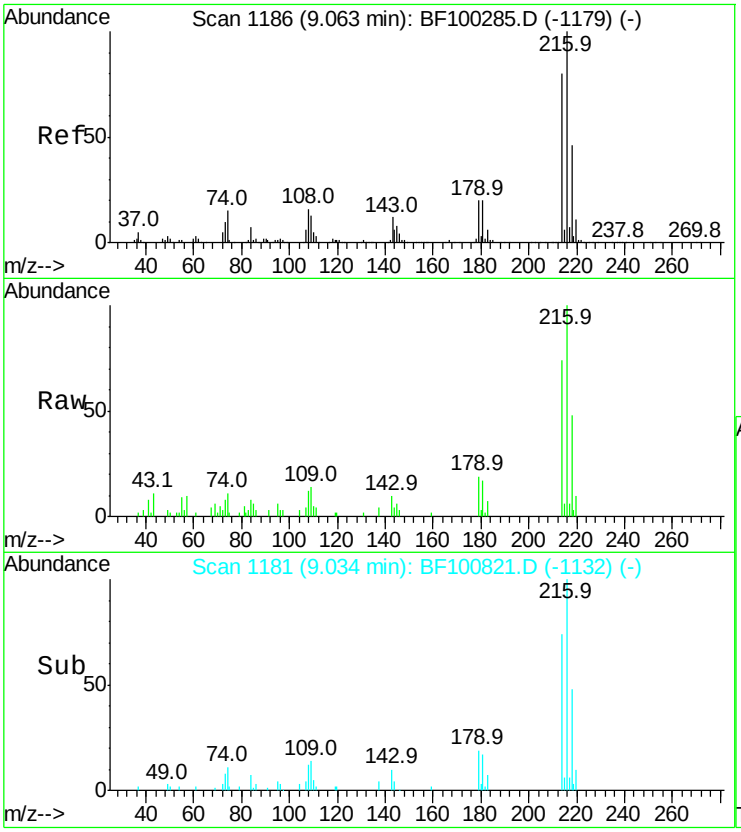


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:164 Resp: 111560

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.4	38.3	57.5



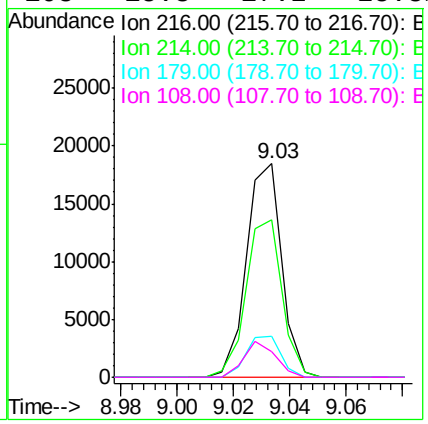


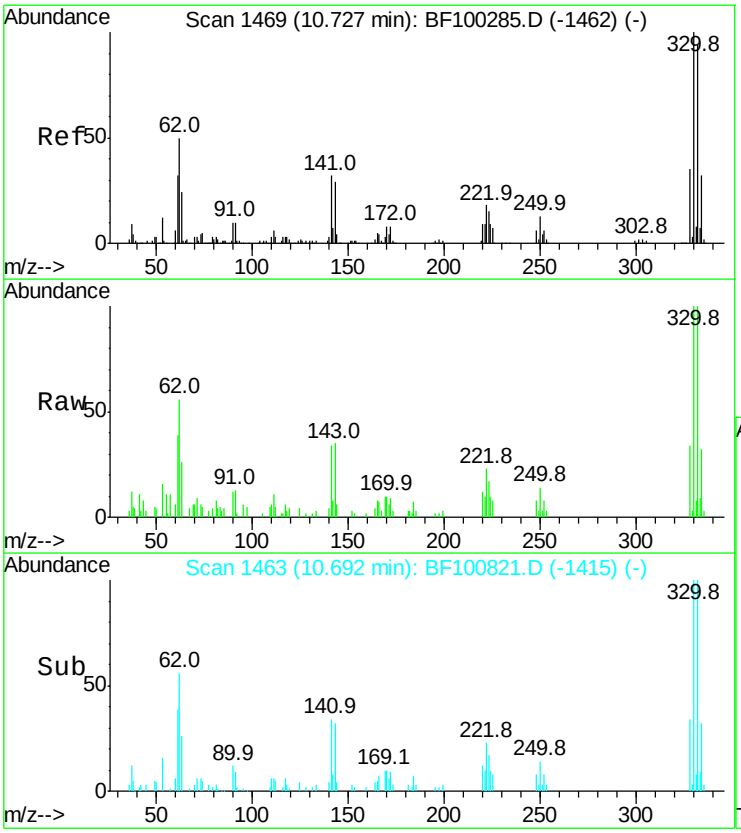
#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.321 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 15987

Ion	Ratio	Lower	Upper
216	100		
214	75.9	63.0	94.4
179	19.0	18.1	27.1
108	15.3	17.2	25.8#

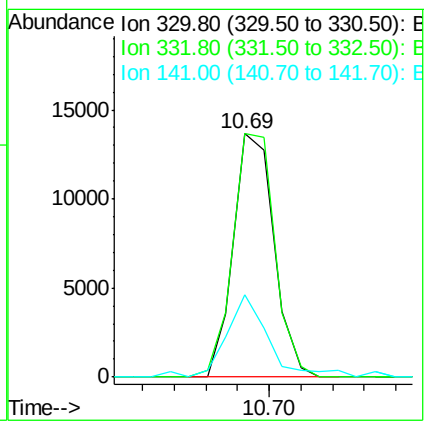


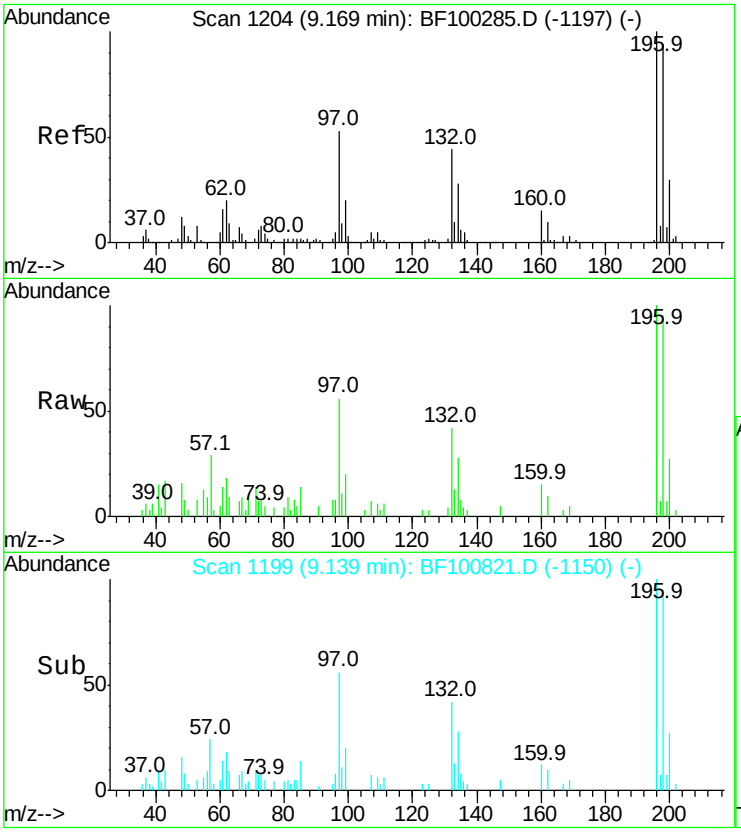


#41
2,4,6-Tribromophenol
Concen: 10.591 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:330 Resp: 12040

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	36.2	29.9	44.9



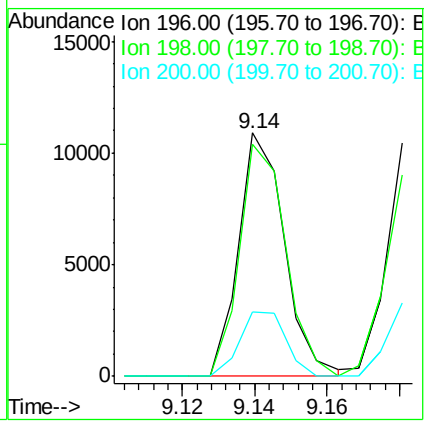


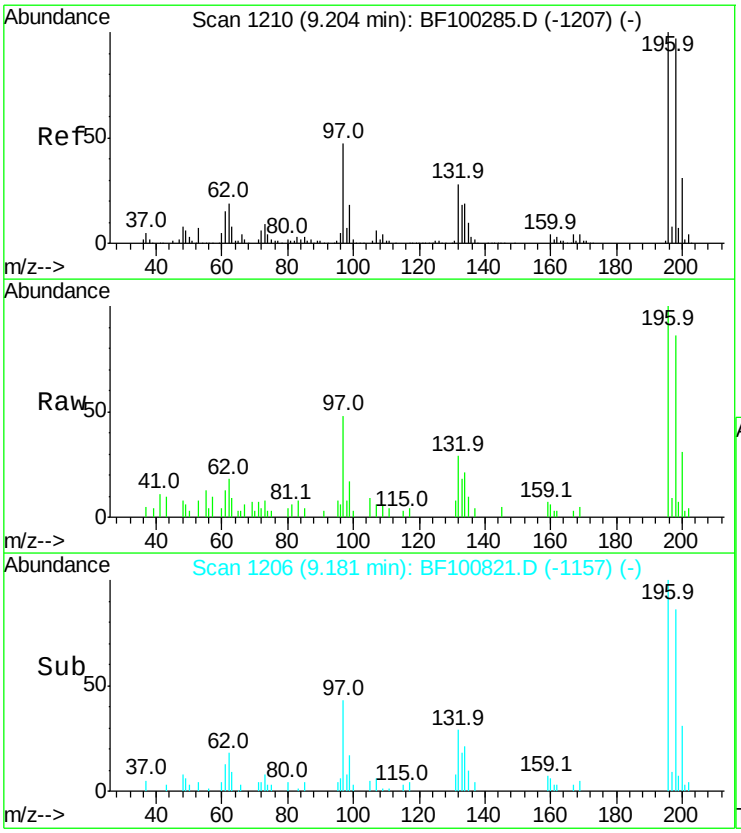
#42
2,4,6-Trichlorophenol
Concen: 4.093 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 9597

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	26.7	24.5	36.7

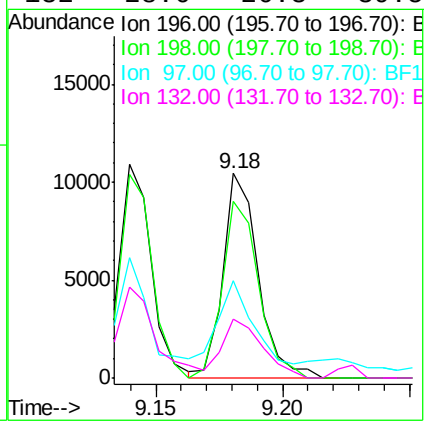


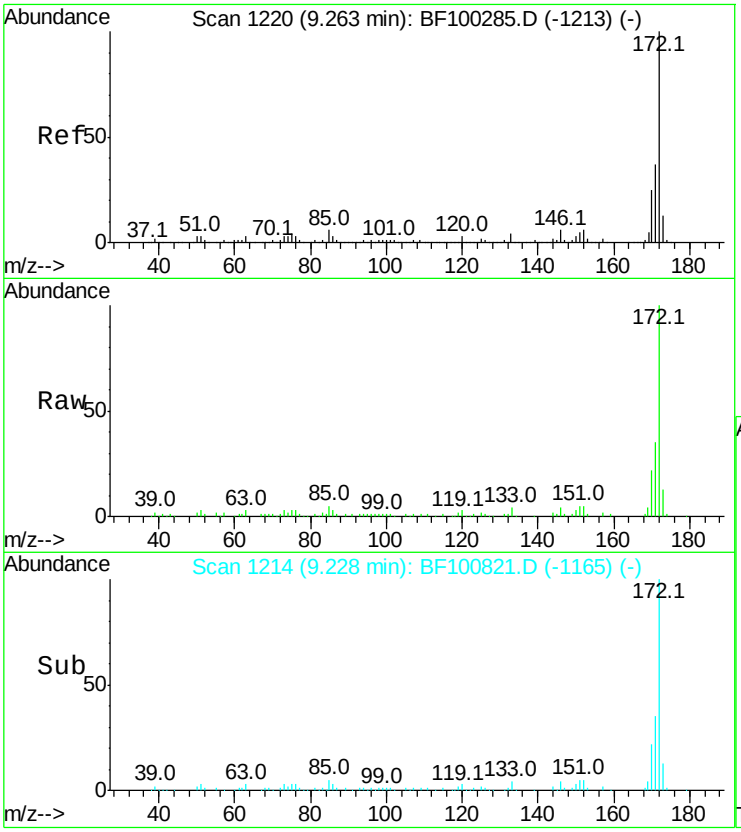


#43
2,4,5-Trichlorophenol
Concen: 4.121 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:196 Resp: 10011

Ion	Ratio	Lower	Upper
196	100		
198	86.3	74.6	112.0
97	47.8	42.9	64.3
132	28.6	26.3	39.5



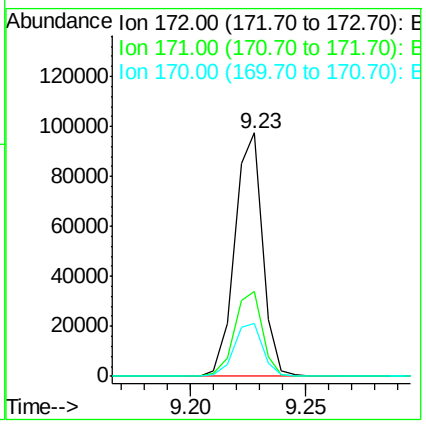


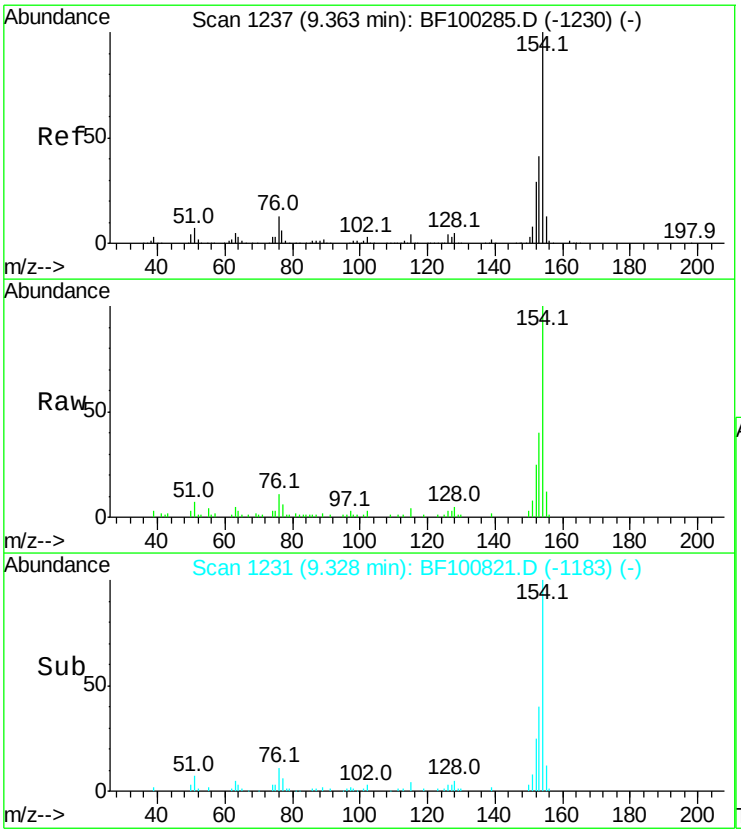
#44
2-Fluorobiphenyl
Concen: 11.157 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 81739

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	21.9	19.6	29.4

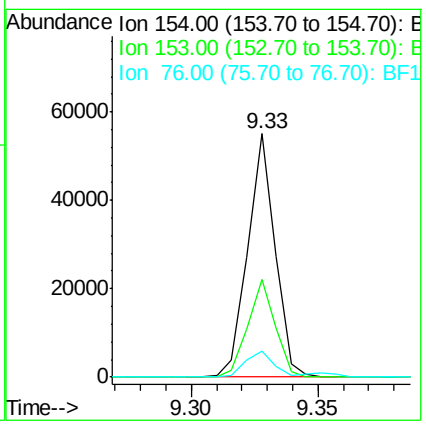


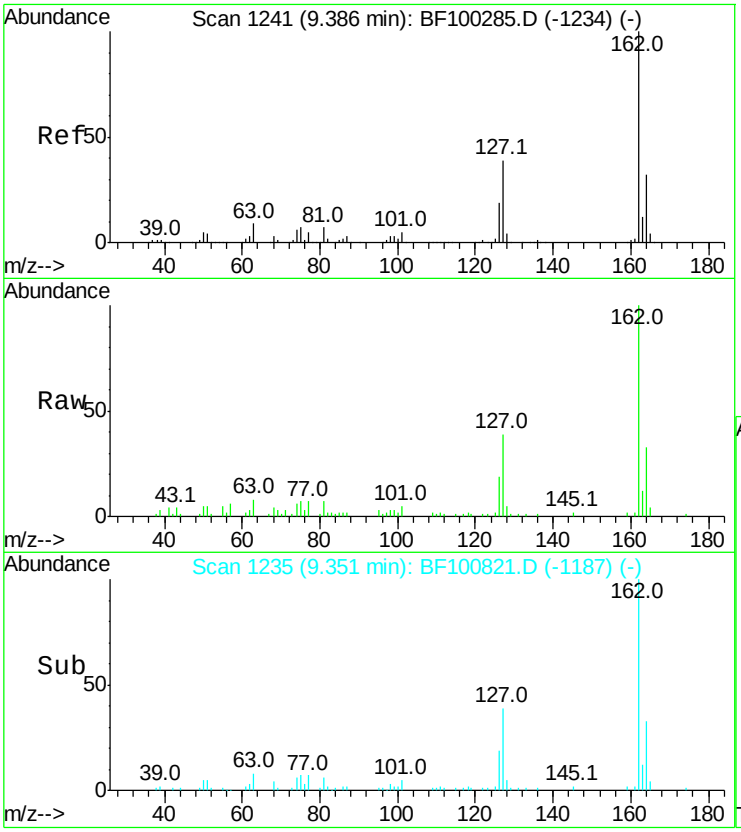


#45
1,1'-Biphenyl
Concen: 4.284 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:154 Resp: 41336

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	10.5	0.0	34.0



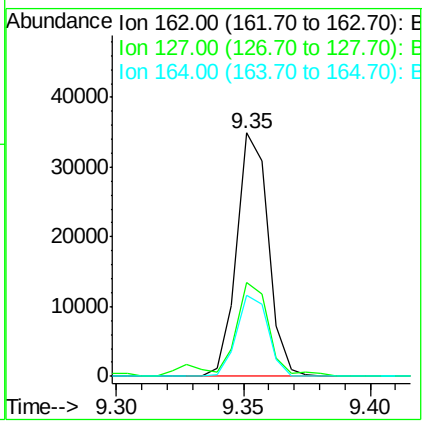


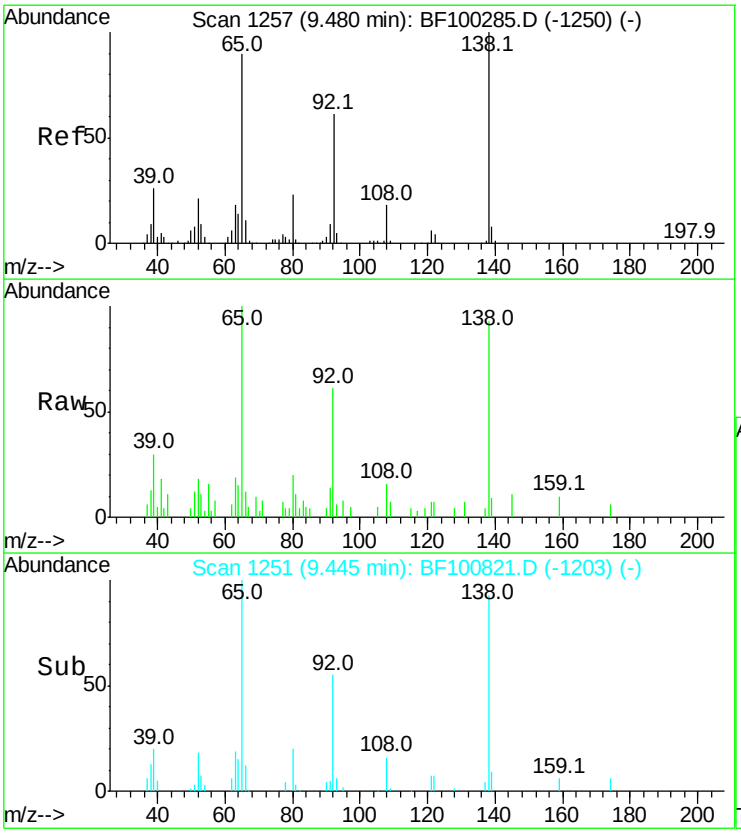
#46
2-Chloronaphthalene
Concen: 4.325 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 30276

Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.9	50.9
164	33.4	26.5	39.7

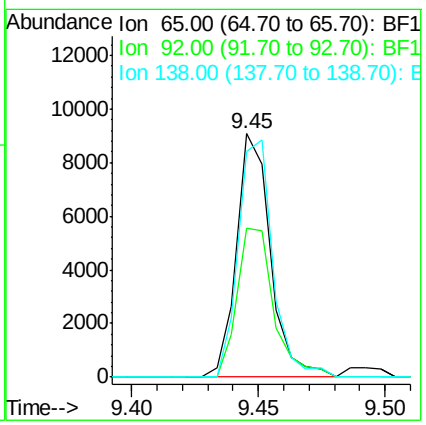


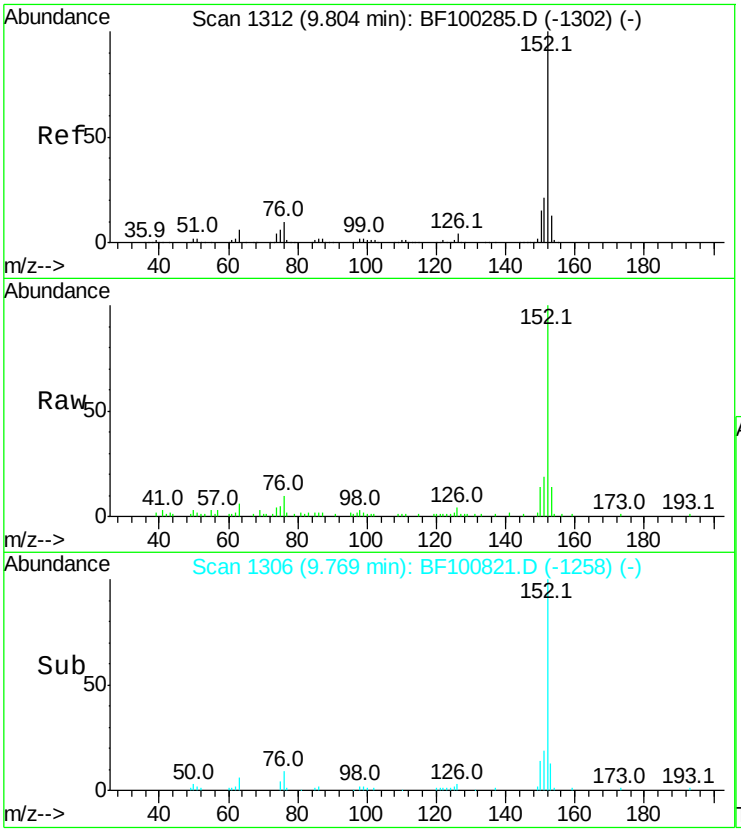


#47
2-Nitroaniline
Concen: 6.638 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 65 Resp: 8463

Ion	Ratio	Lower	Upper
65	100		
92	60.9	55.8	83.6
138	92.9	91.2	136.8



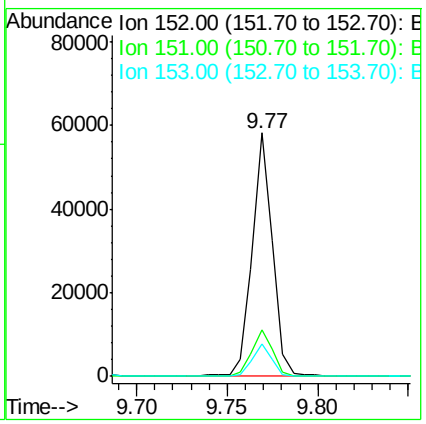


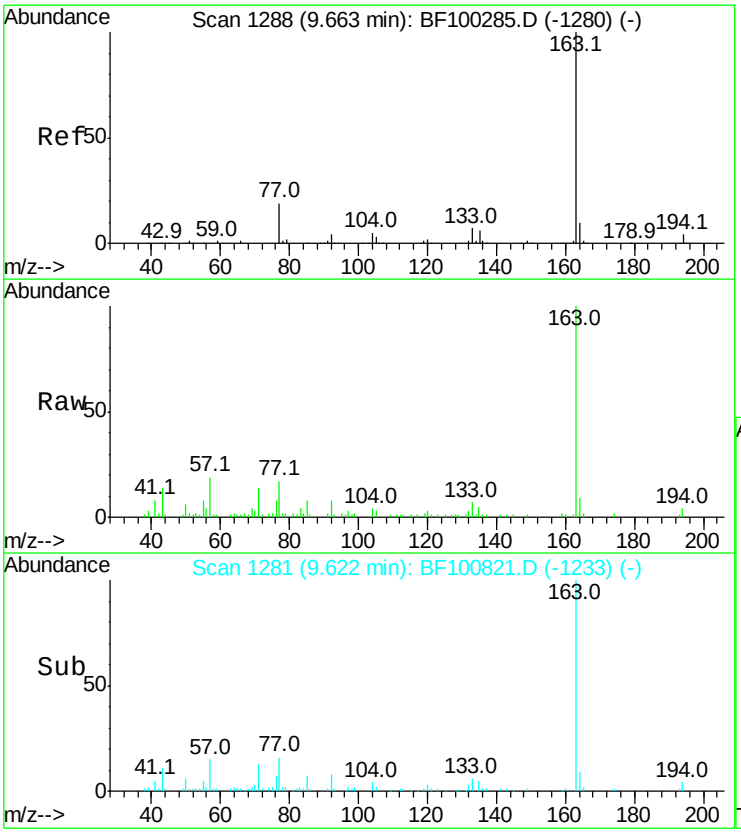
#48
Acenaphthylene
Concen: 3.913 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45389

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	13.5	10.7	16.1

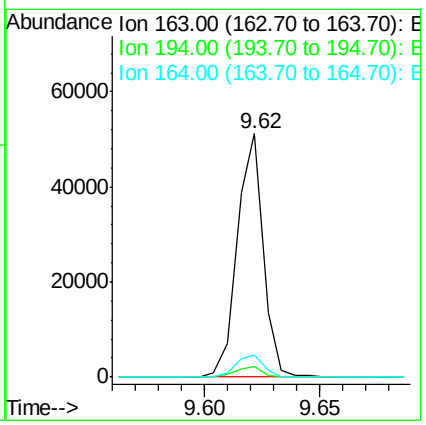


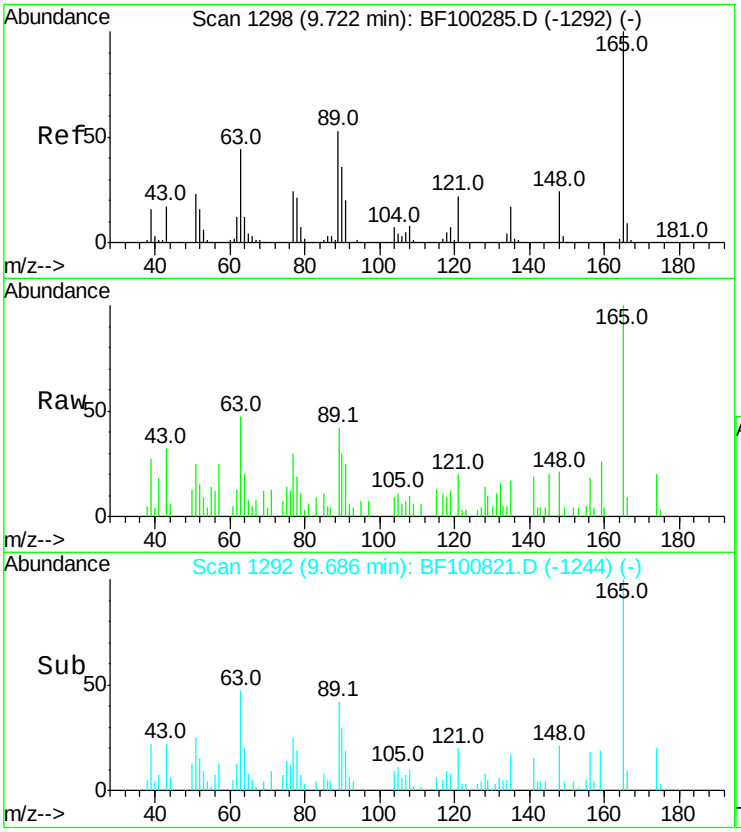


#49
Dimethylphthalate
Concen: 4.703 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:163 Resp: 40056

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.3	8.2	12.2



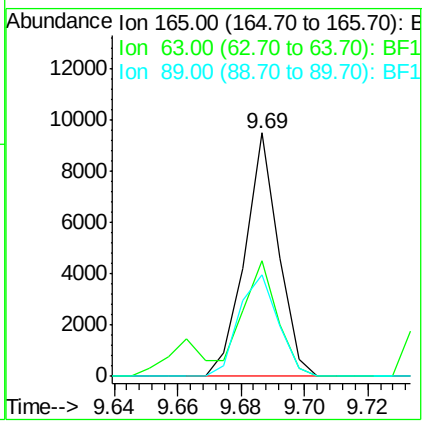


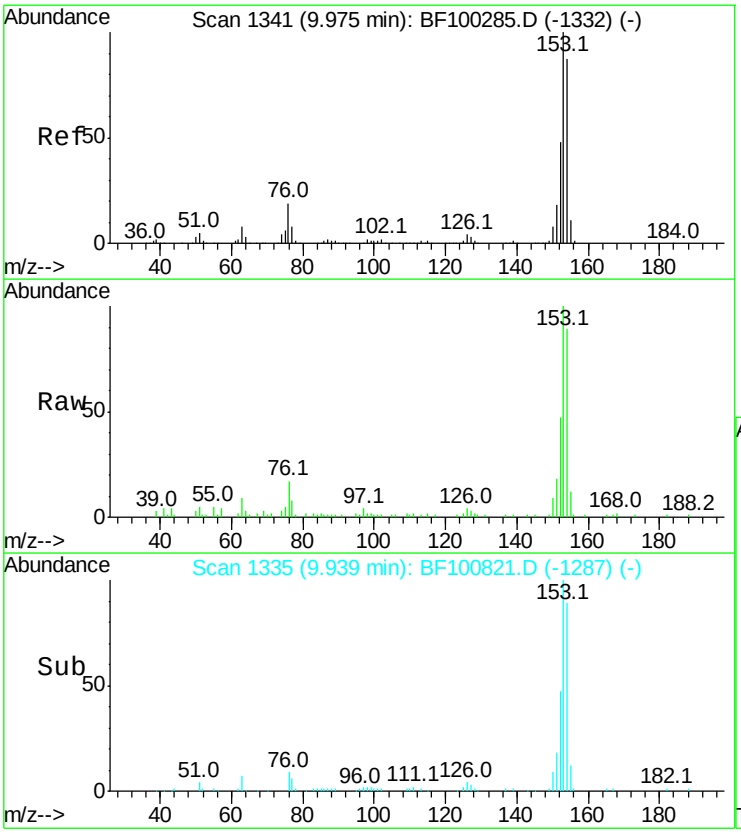
#50
2,6-Dinitrotoluene
Concen: 4.167 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7025

Ion	Ratio	Lower	Upper
165	100		
63	47.4	44.7	67.1
89	41.9	44.0	66.0#

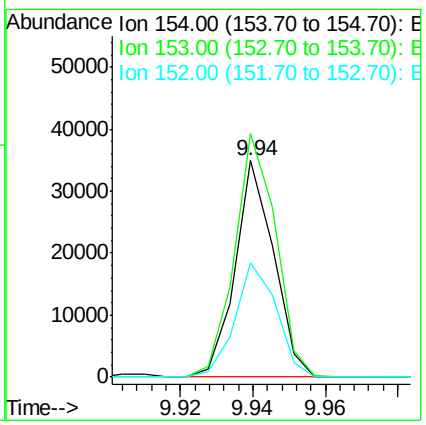


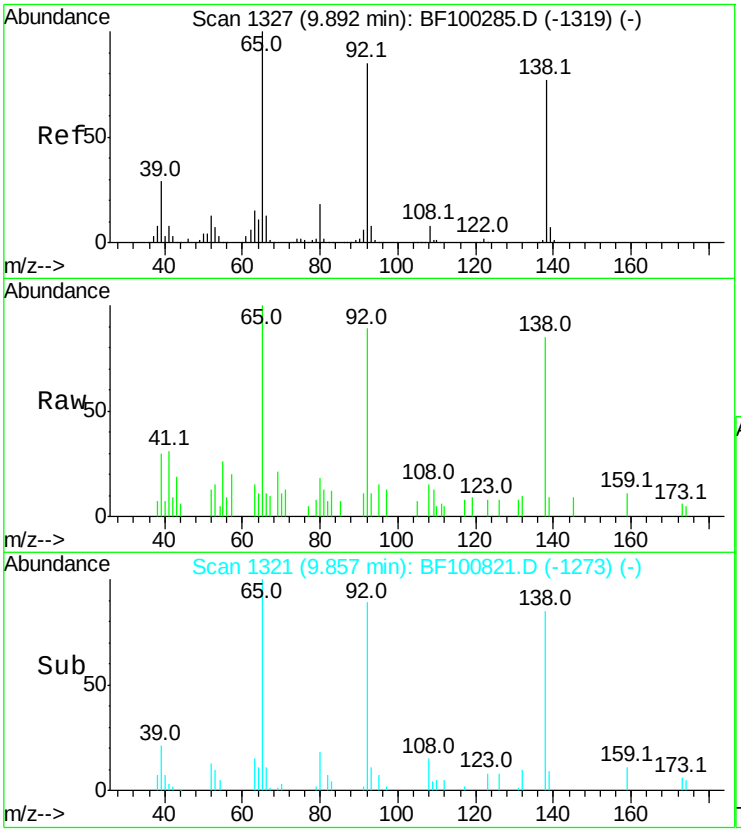


#51
Acenaphthene
Concen: 3.666 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:154 Resp: 25866

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	52.6	43.8	65.8



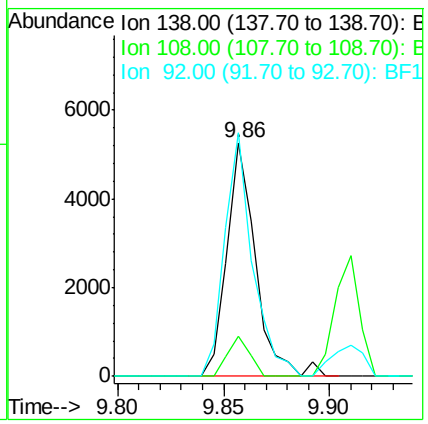


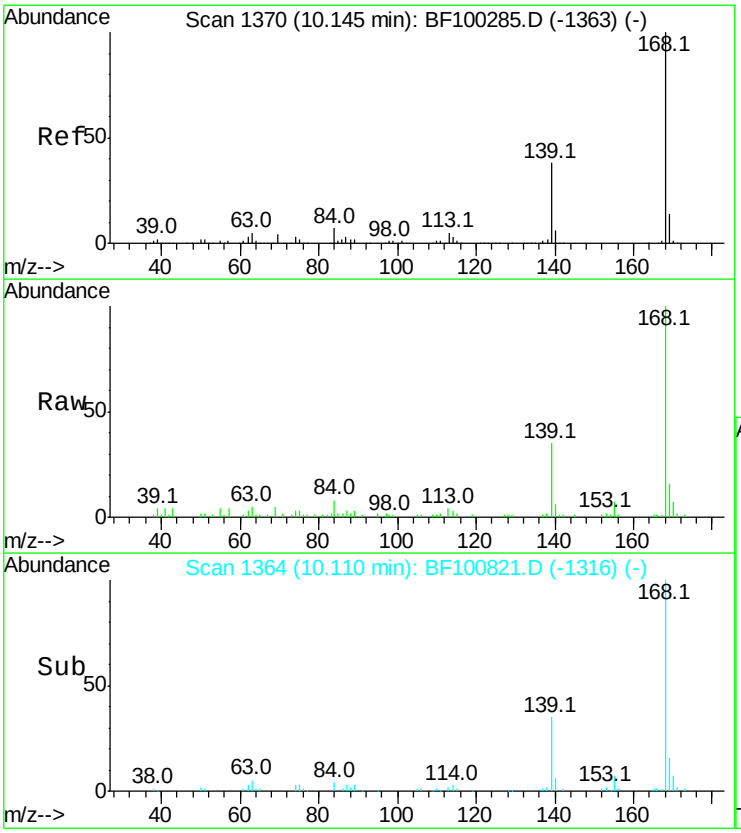
#52
3-Nitroaniline
Concen: 2.474 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 4926

Ion	Ratio	Lower	Upper
138	100		
108	17.4	9.4	14.0#
92	104.3	89.4	134.2

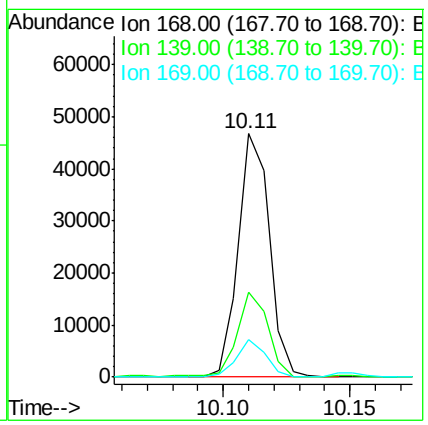


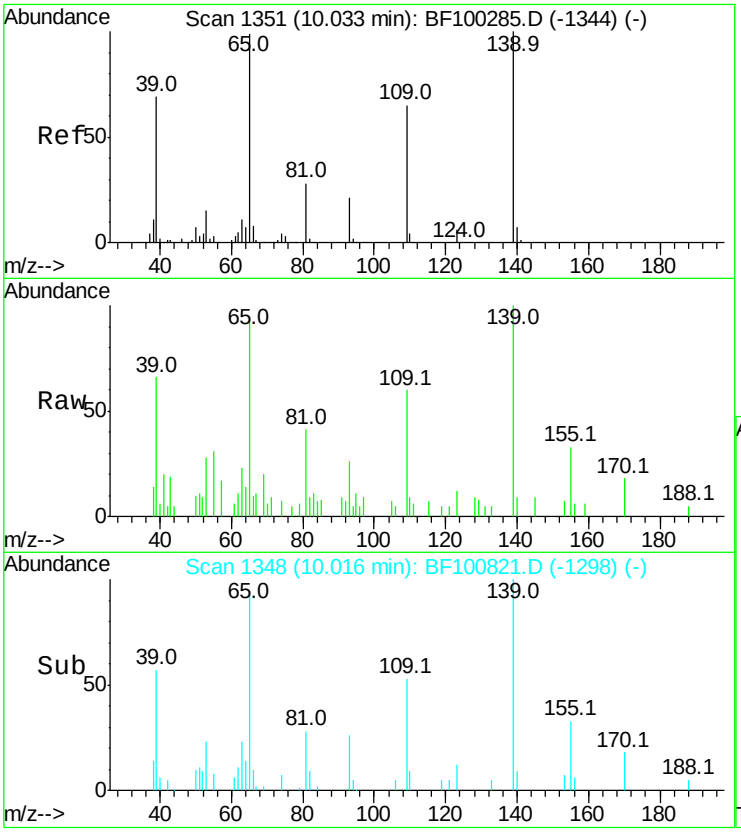


#54
Dibenzofuran
Concen: 4.025 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:168 Resp: 39804

Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	15.6	10.9	16.3



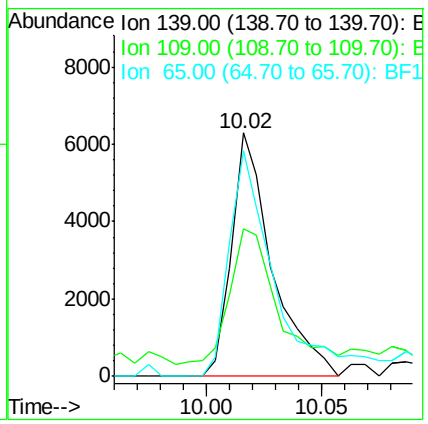


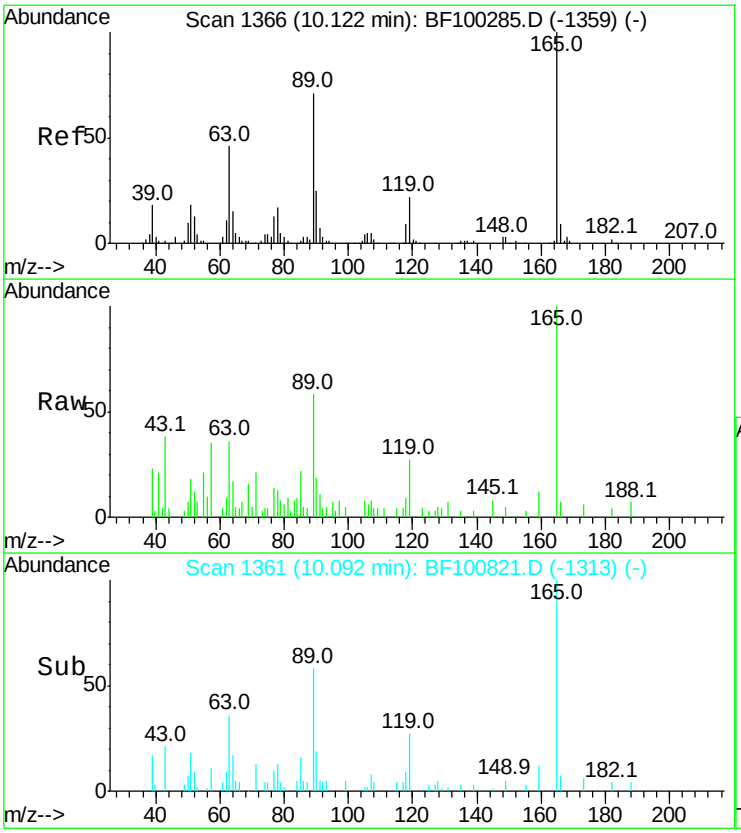
#55
4-Nitrophenol
Concen: 4.775 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 7720

Ion	Ratio	Lower	Upper
139	100		
109	60.4	48.4	88.4
65	92.8	72.6	112.6

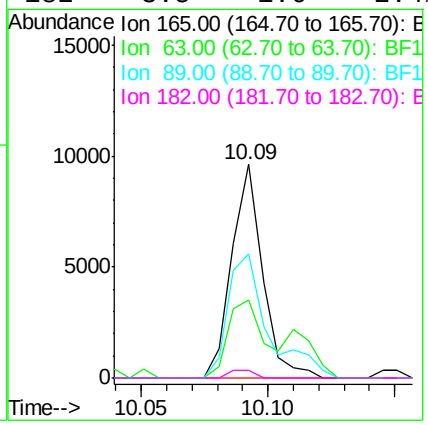


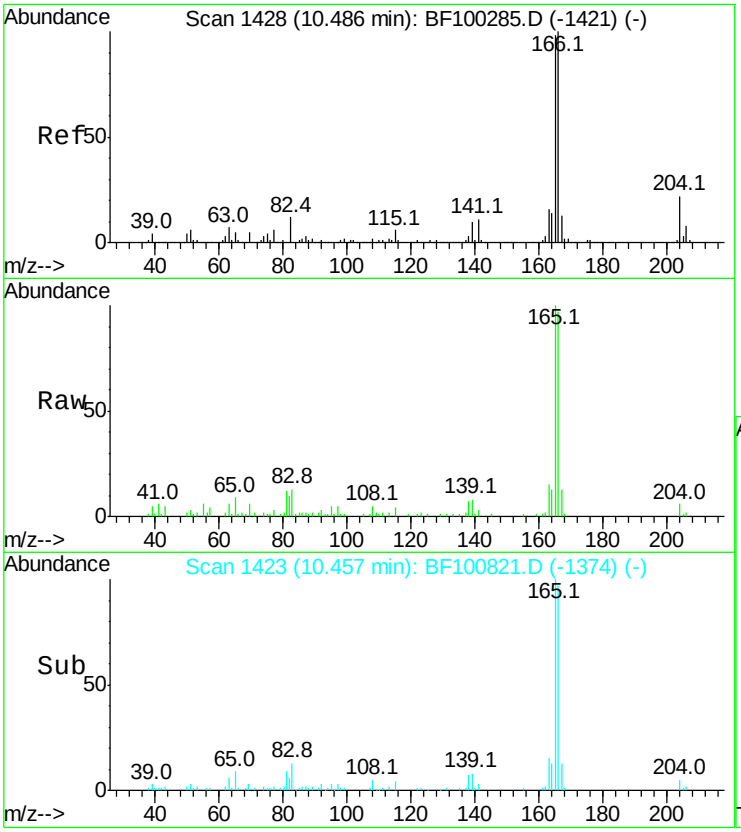


#56
2,4-Dinitrotoluene
Concen: 3.824 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:165 Resp: 8133

Ion	Ratio	Lower	Upper
165	100		
63	36.5	36.4	54.6
89	58.3	57.8	86.6
182	3.5	1.6	2.4#



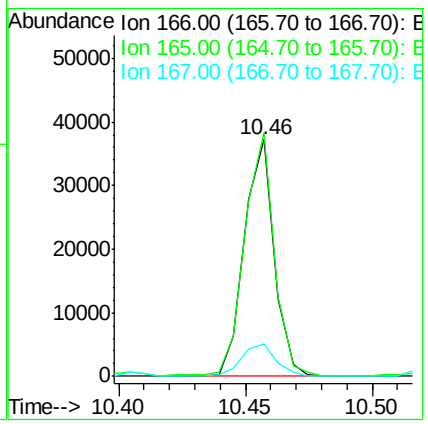


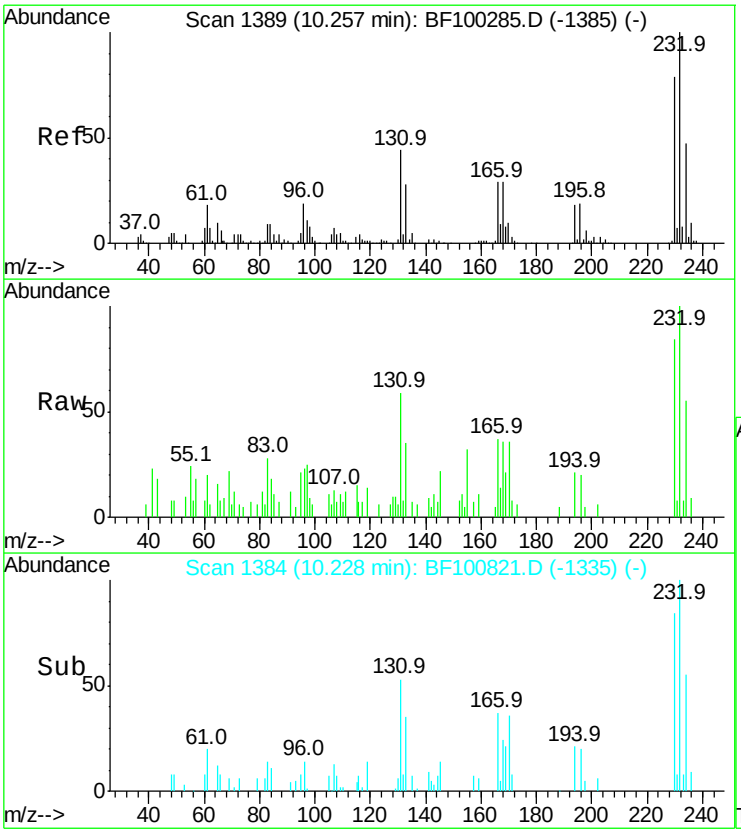
#57
Fluorene
Concen: 4.183 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 30303

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.8	119.8
167	13.6	10.6	16.0

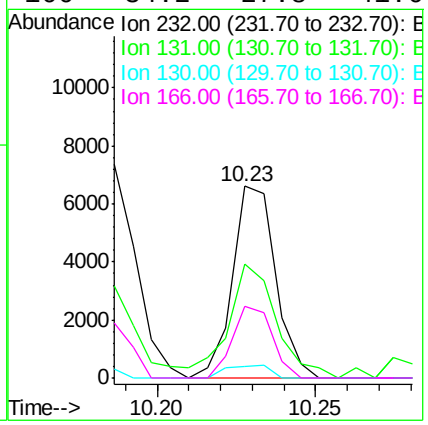


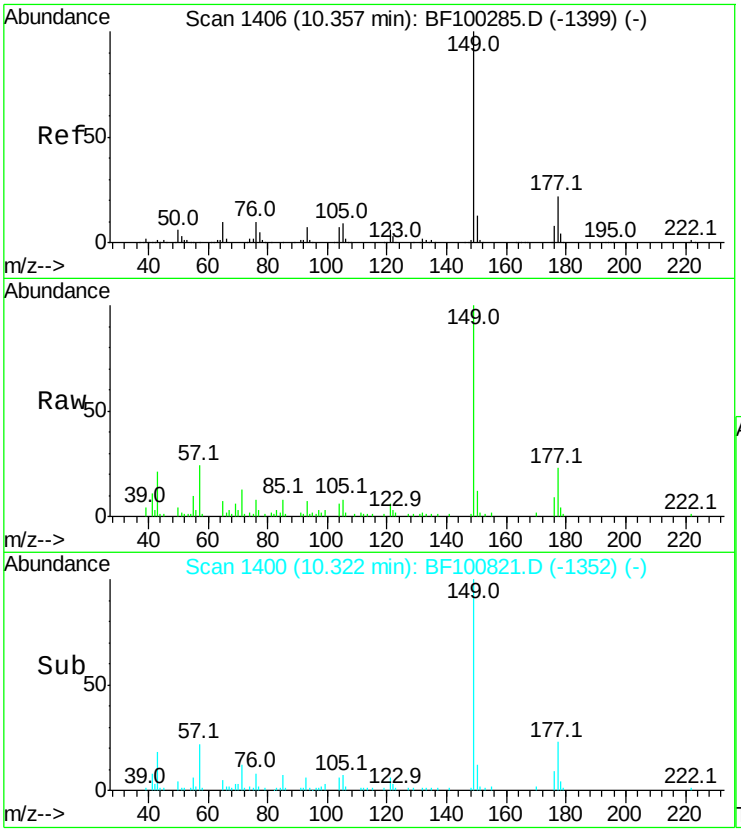


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.115 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:232 Resp: 6202

Ion	Ratio	Lower	Upper
232	100		
131	65.9	43.8	65.8#
130	6.6	2.1	3.1#
166	34.2	27.8	41.6



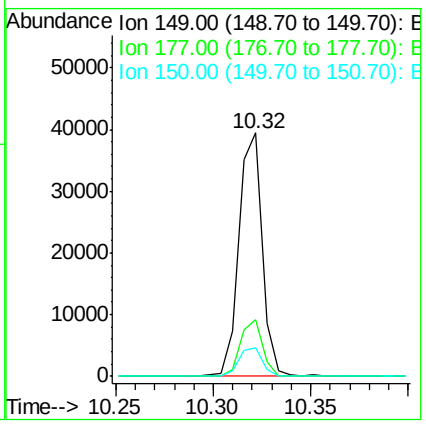


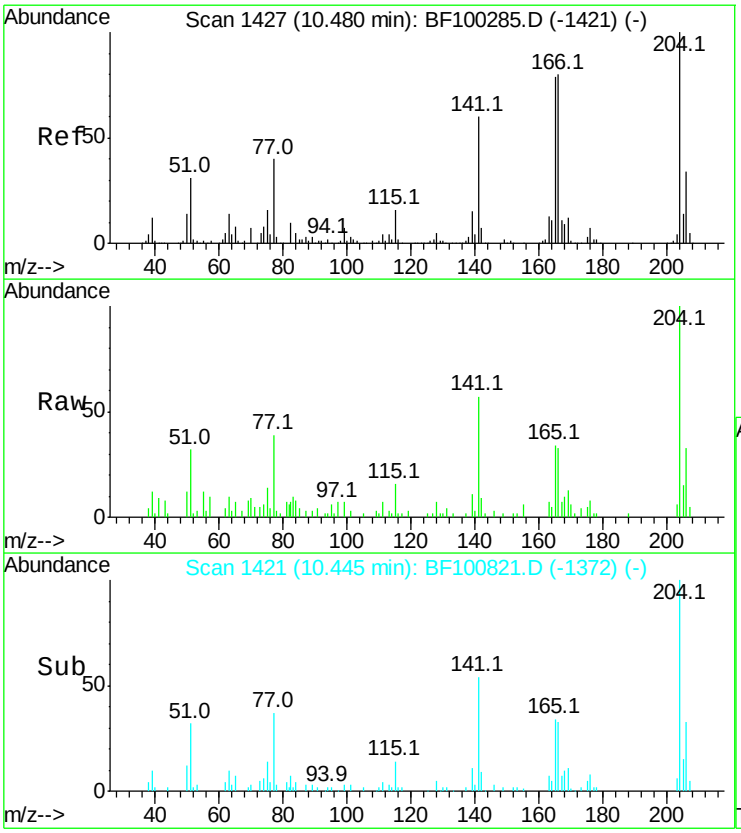
#59
Diethylphthalate
Concen: 3.841 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 32737

Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.1	24.1
150	11.8	10.1	15.1

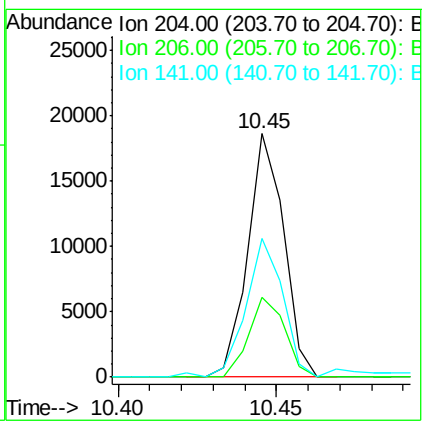


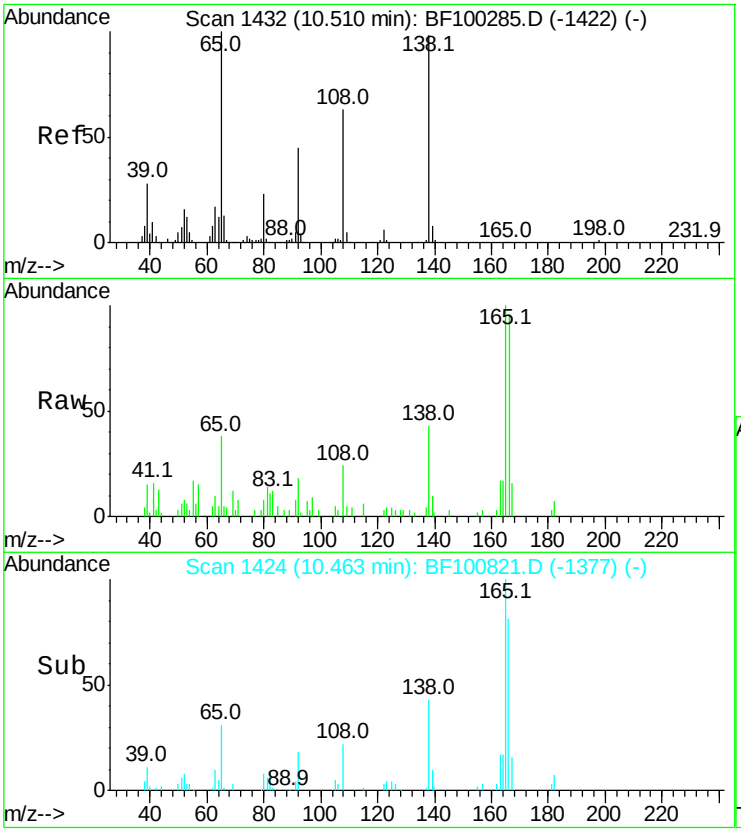


#60
4-Chlorophenyl-phenylether
Concen: 4.132 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:204 Resp: 14683

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	56.8	54.6	81.8



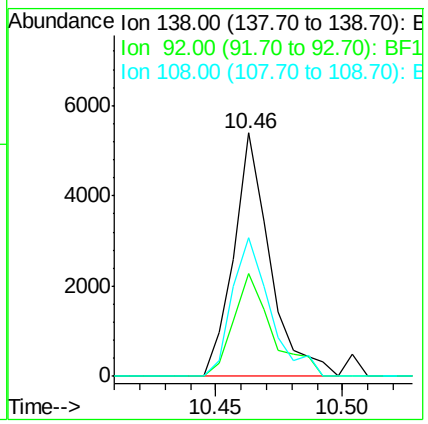


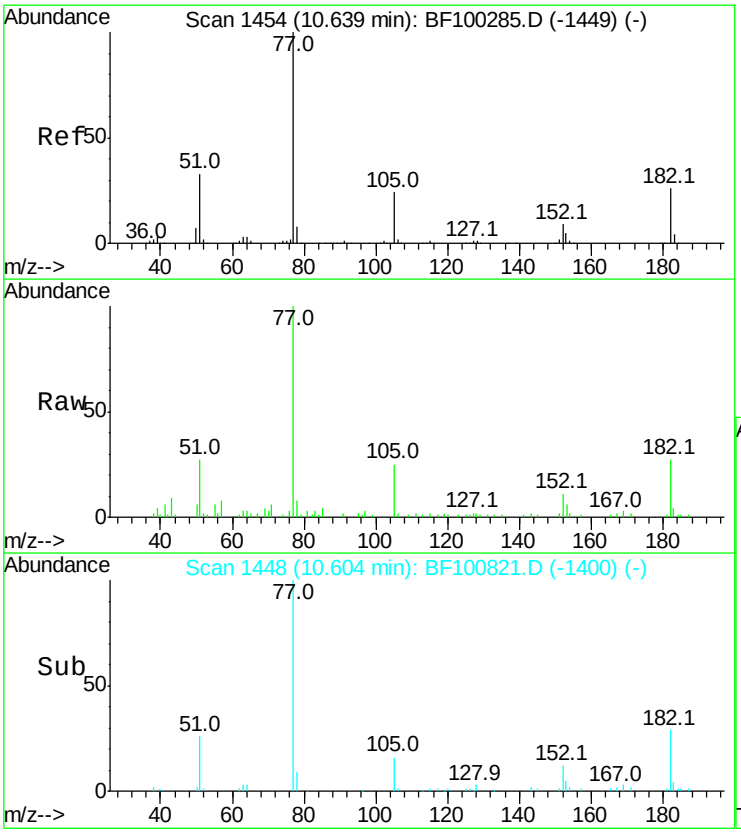
#61
4-Nitroaniline
Concen: 2.831 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 5344

Ion	Ratio	Lower	Upper
138	100		
92	42.4	30.2	70.2
108	57.0	52.5	92.5

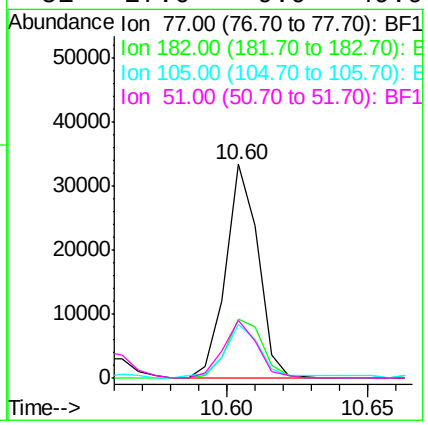


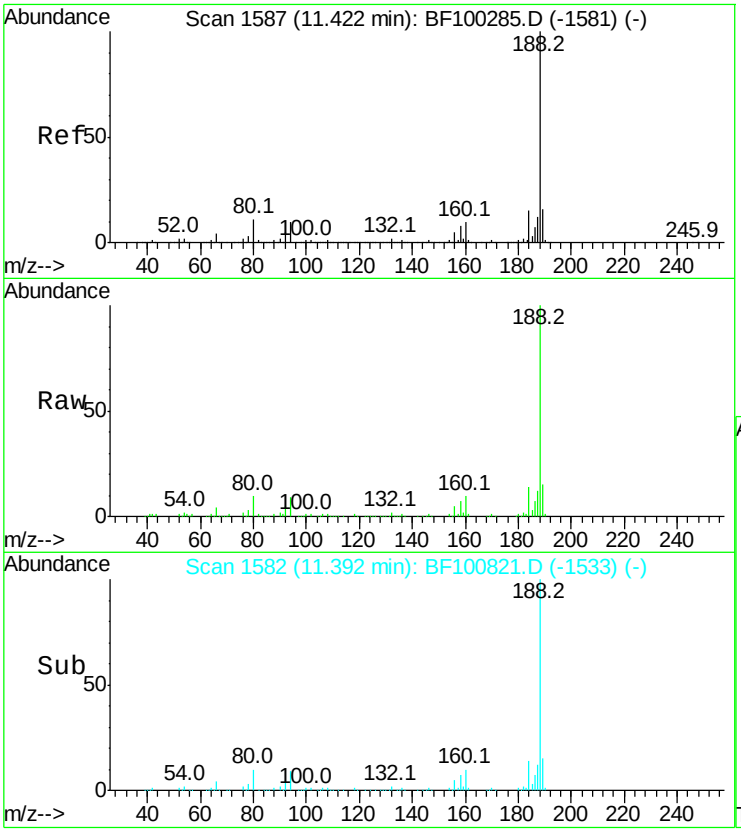


#62
Azobenzene
Concen: 3.311 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion: 77 Resp: 26579

Ion	Ratio	Lower	Upper
77	100		
182	27.4	1.7	41.7
105	25.5	3.0	43.0
51	27.0	9.9	49.9



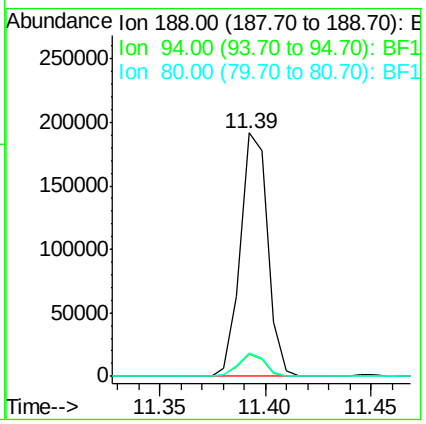


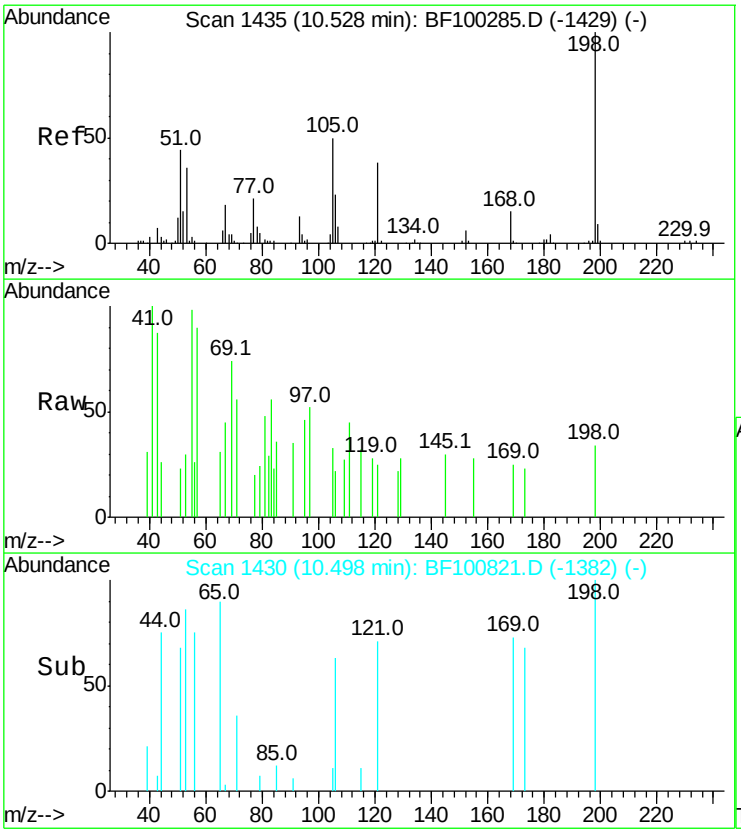
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 172120

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

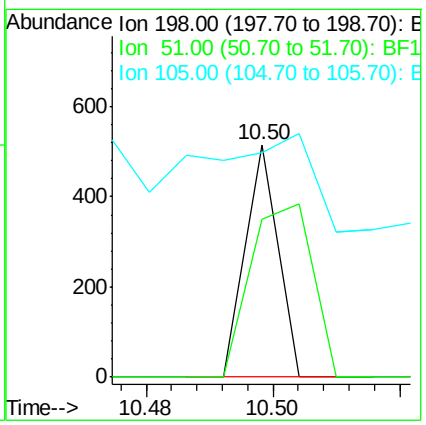


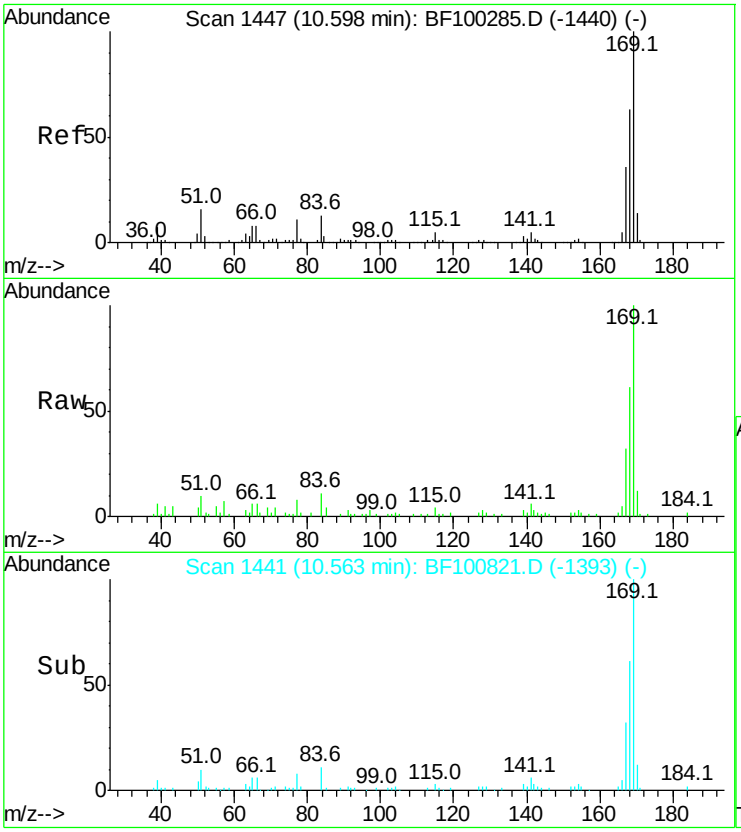


#64
4,6-Dinitro-2-methylphenol
Concen: 8.742 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:198 Resp: 182

Ion	Ratio	Lower	Upper
198	100		
51	68.0	37.7	77.7
105	96.9	36.3	76.3#



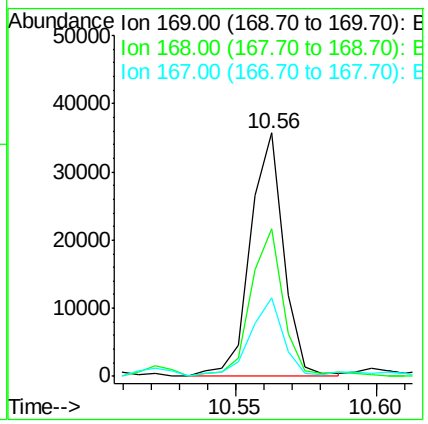


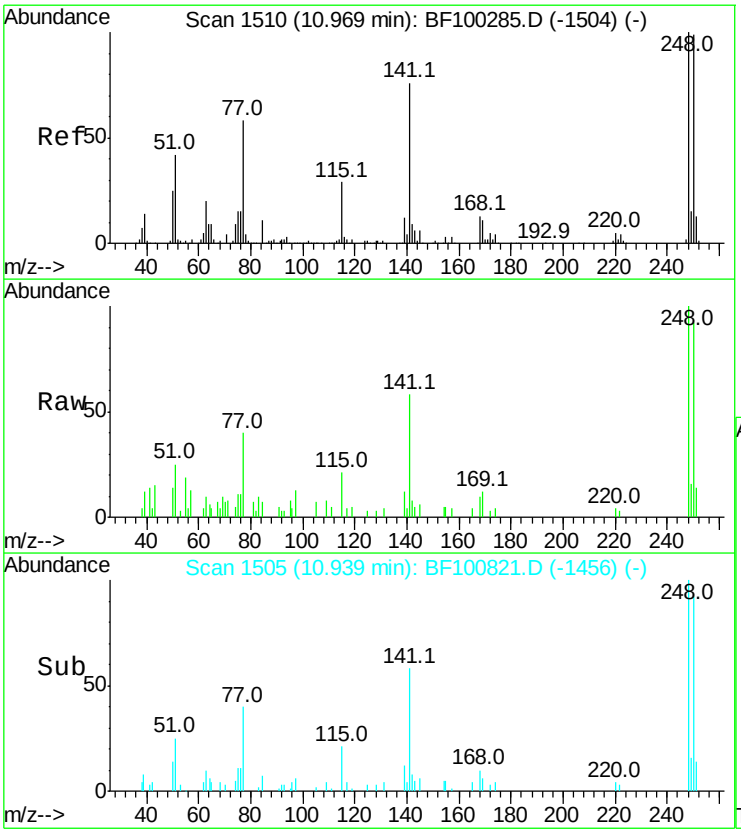
#65
n-Nitrosodiphenylamine
Concen: 4.891 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 29270

Ion	Ratio	Lower	Upper
169	100		
168	60.7	54.4	81.6
167	32.1	29.8	44.6

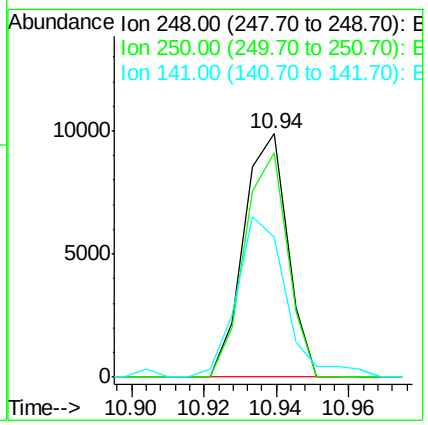


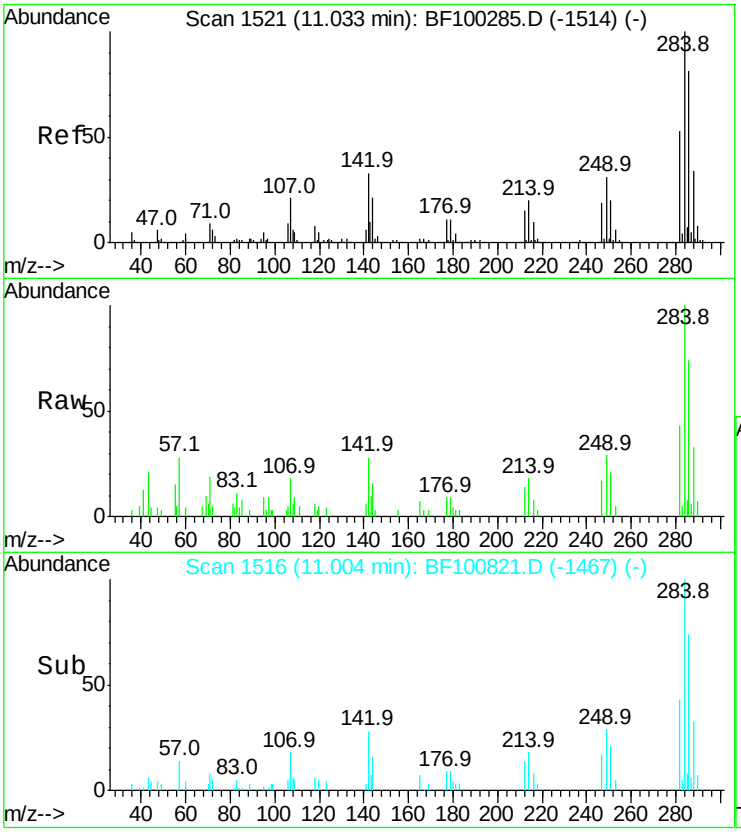


#66
4-Bromophenyl-phenylether
Concen: 4.486 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:248 Resp: 8277

Ion	Ratio	Lower	Upper
248	100		
250	92.4	76.9	115.3
141	57.6	74.4	111.6#



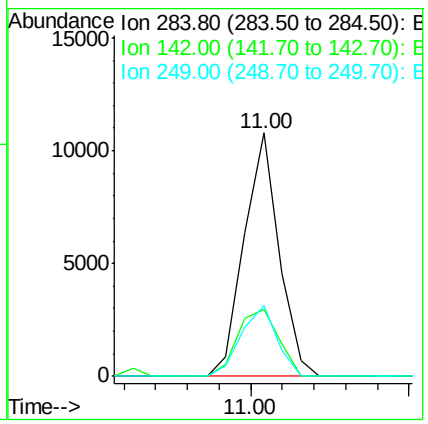


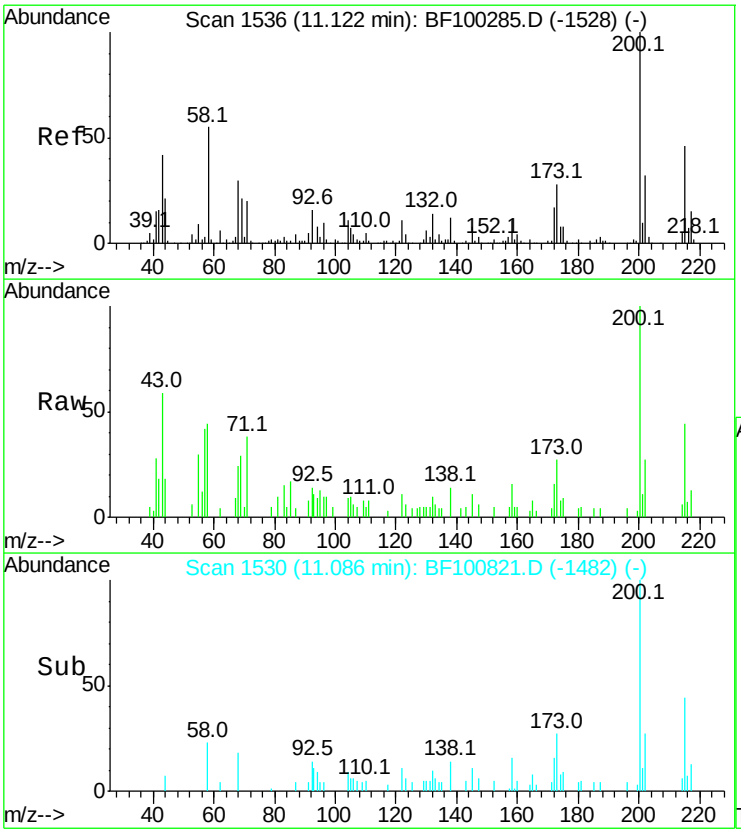
#67
Hexachlorobenzene
Concen: 4.267 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 8235

Ion	Ratio	Lower	Upper
284	100		
142	27.5	34.6	52.0#
249	29.3	24.8	37.2

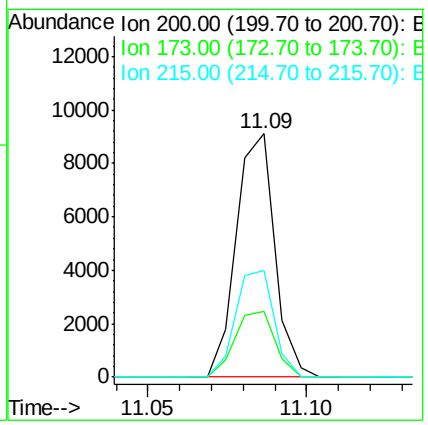


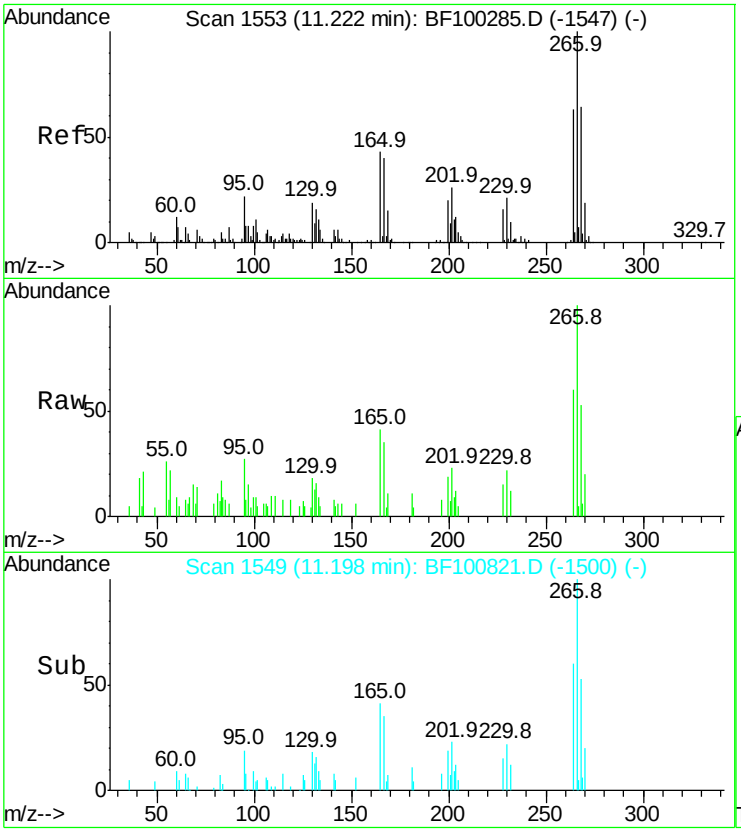


#68
Atrazine
Concen: 4.215 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:200 Resp: 7636

Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.6	48.6
215	43.8	25.1	65.1



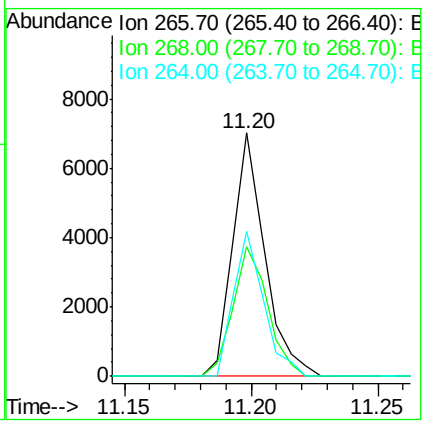


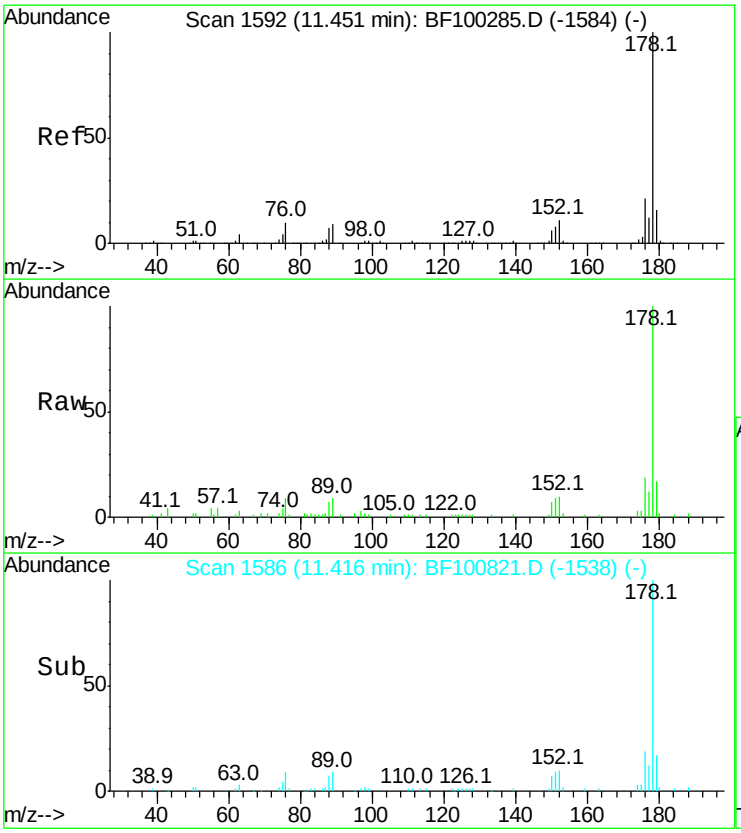
#69
Pentachlorophenol
Concen: 4.460 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 6172

Ion	Ratio	Lower	Upper
266	100		
268	53.4	51.1	76.7
264	59.8	49.5	74.3

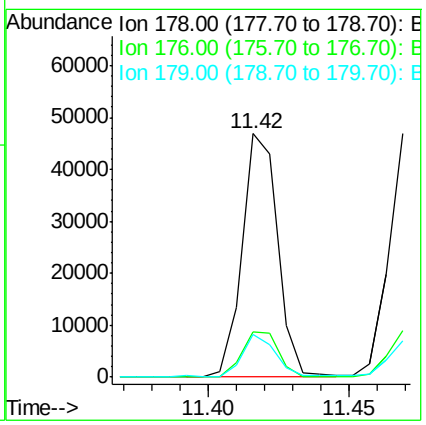


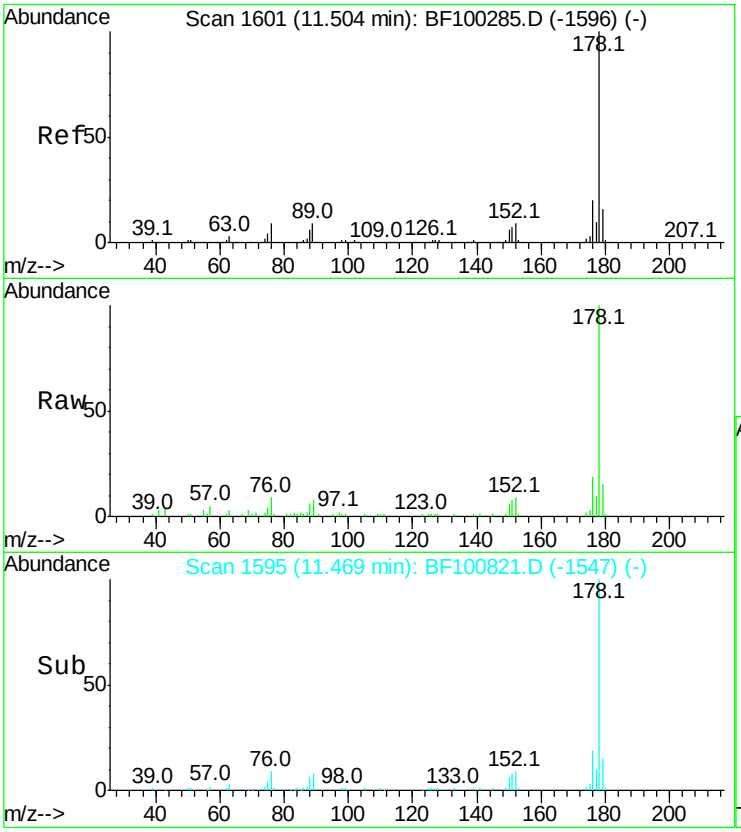


#70
Phenanthrene
Concen: 4.528 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:178 Resp: 41034

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.4	13.0	19.6



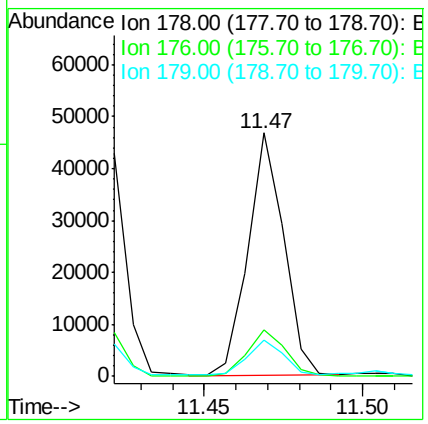


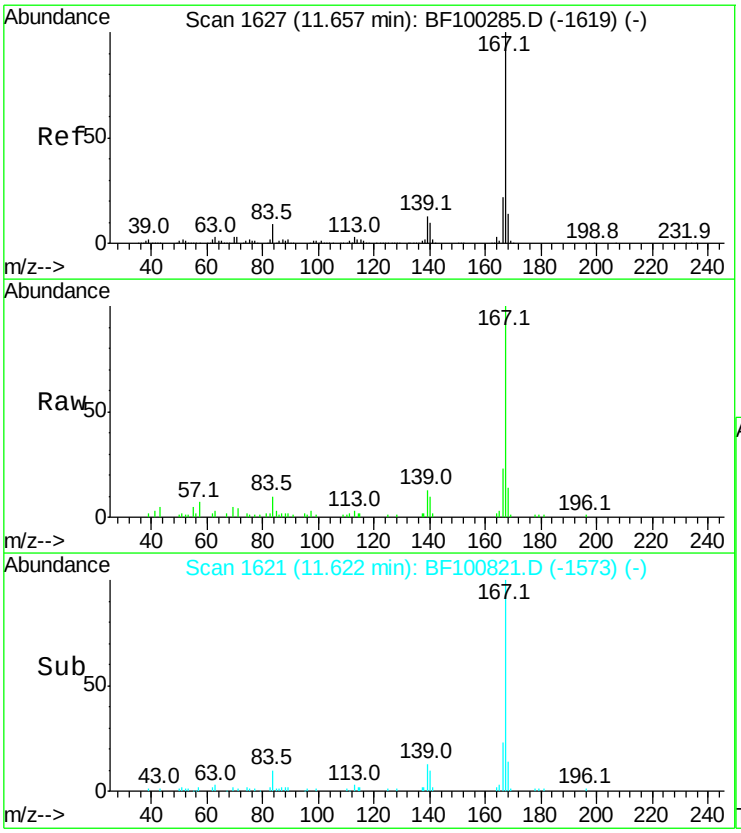
#71
Anthracene
Concen: 3.970 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36505

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.7	12.6	19.0

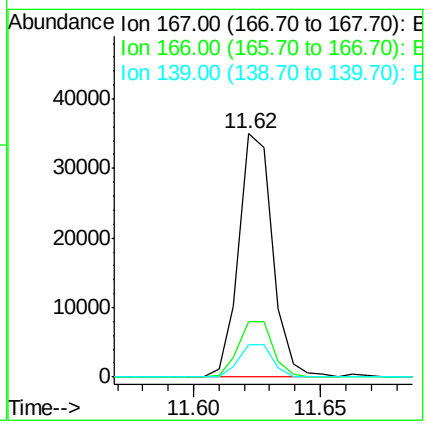


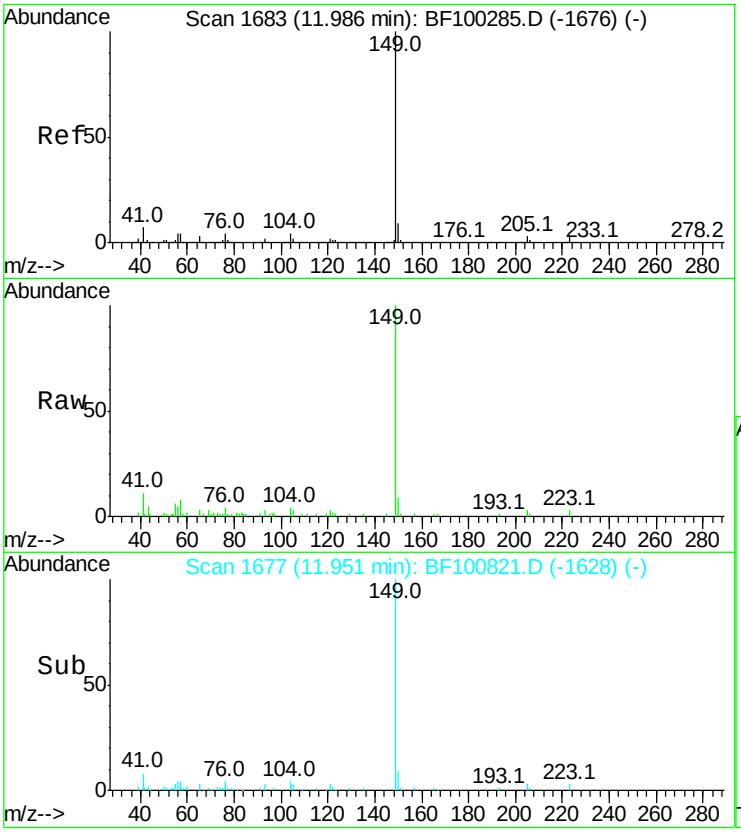


#72
Carbazole
Concen: 3.834 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:167 Resp: 32522

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.1	10.9	16.3



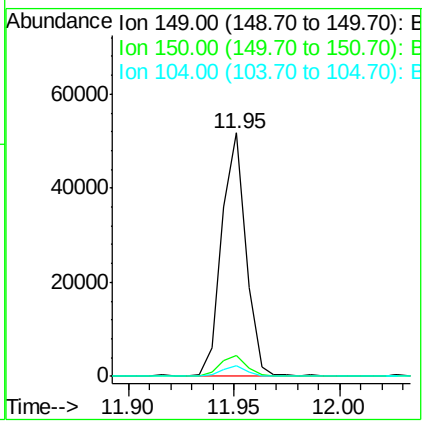


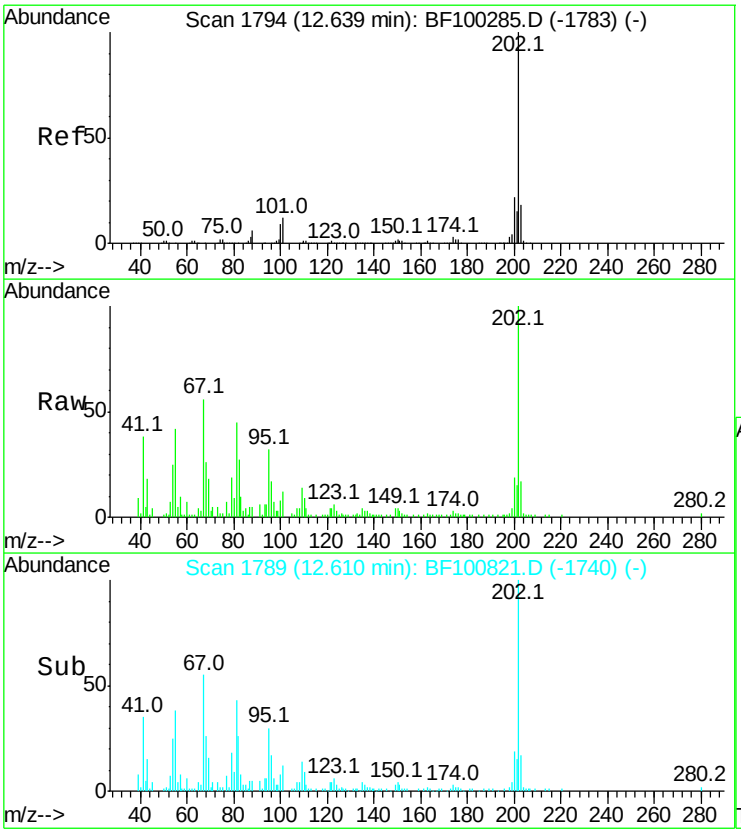
#73
Di-n-butylphthalate
Concen: 4.129 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 40987

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.3	3.8	5.8

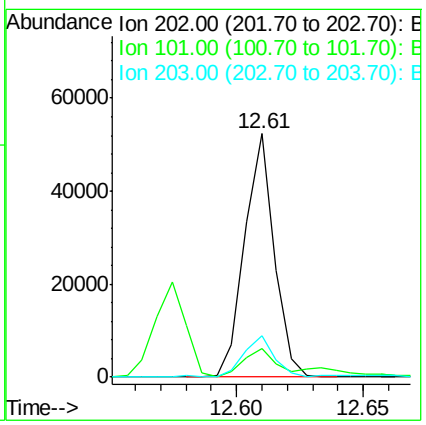


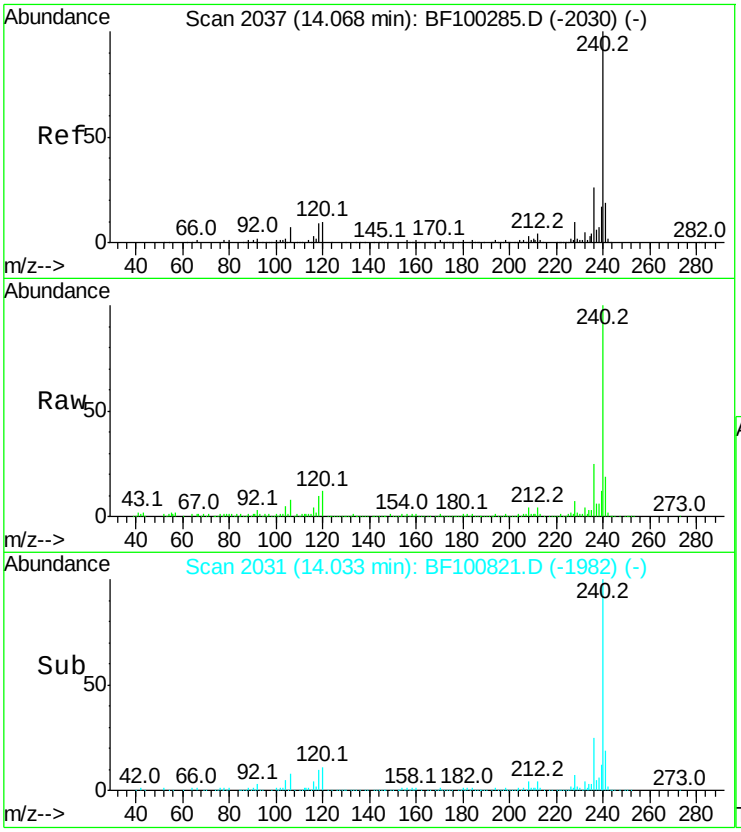


#74
Fluoranthene
Concen: 4.422 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:202 Resp: 42470

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.2	0.0	38.1



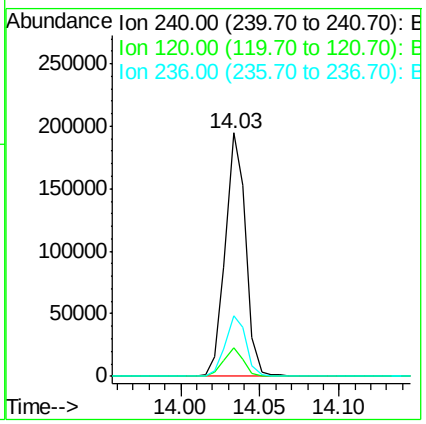


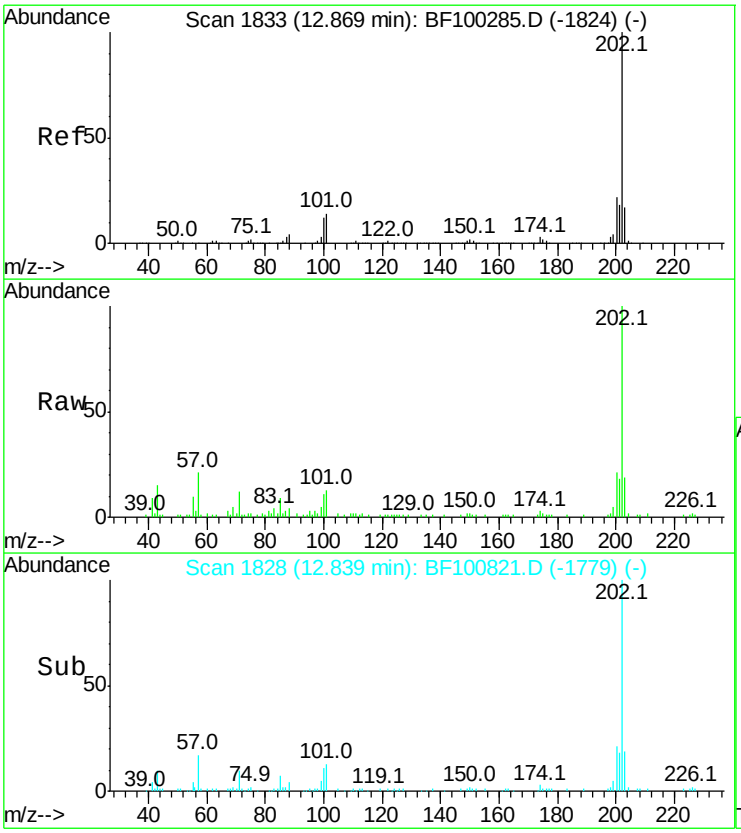
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 173449

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.1	20.7	31.1

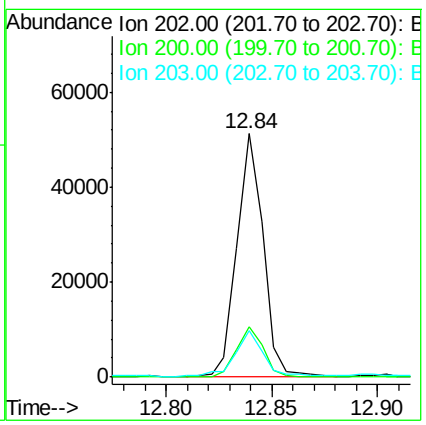


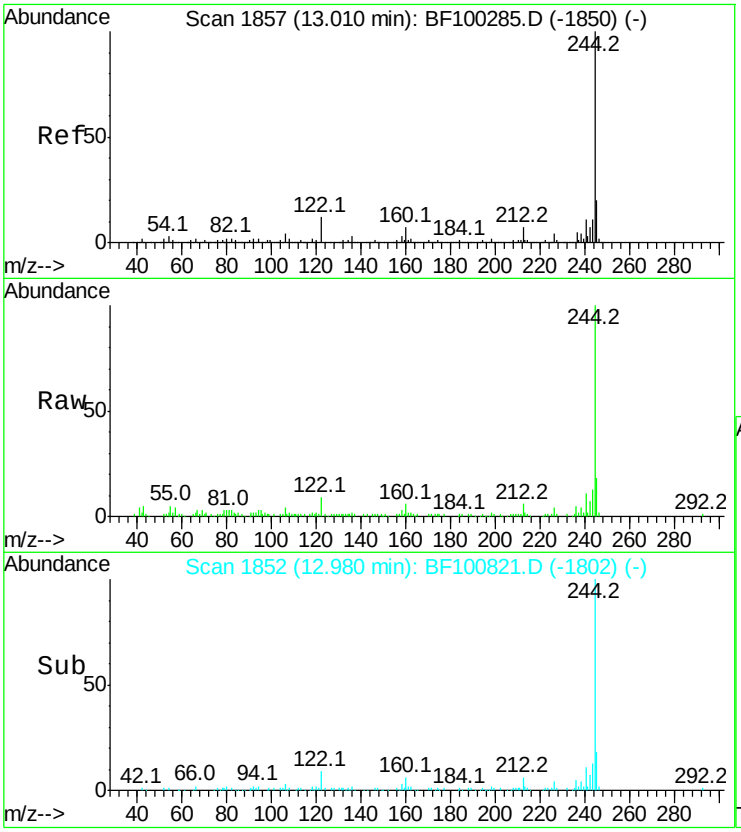


#77
Pyrene
Concen: 3.575 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:202 Resp: 44198

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	19.0	14.3	21.5



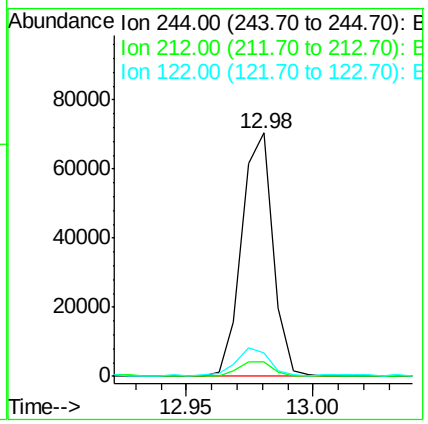


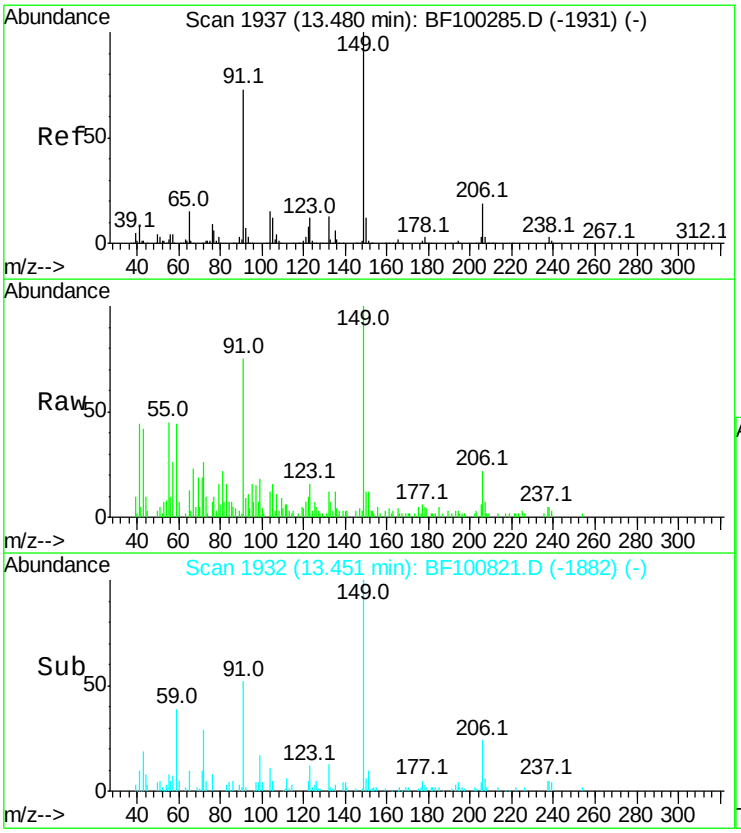
#78
Terphenyl-d14
Concen: 7.981 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 60248

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	9.5	11.0	16.4#

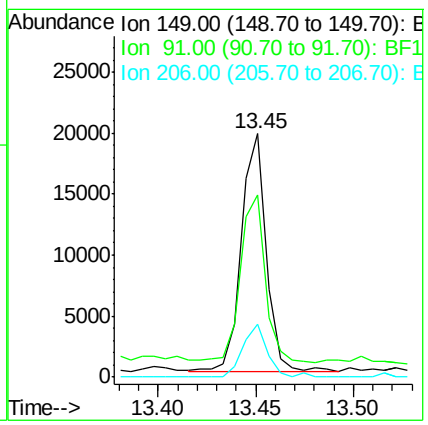


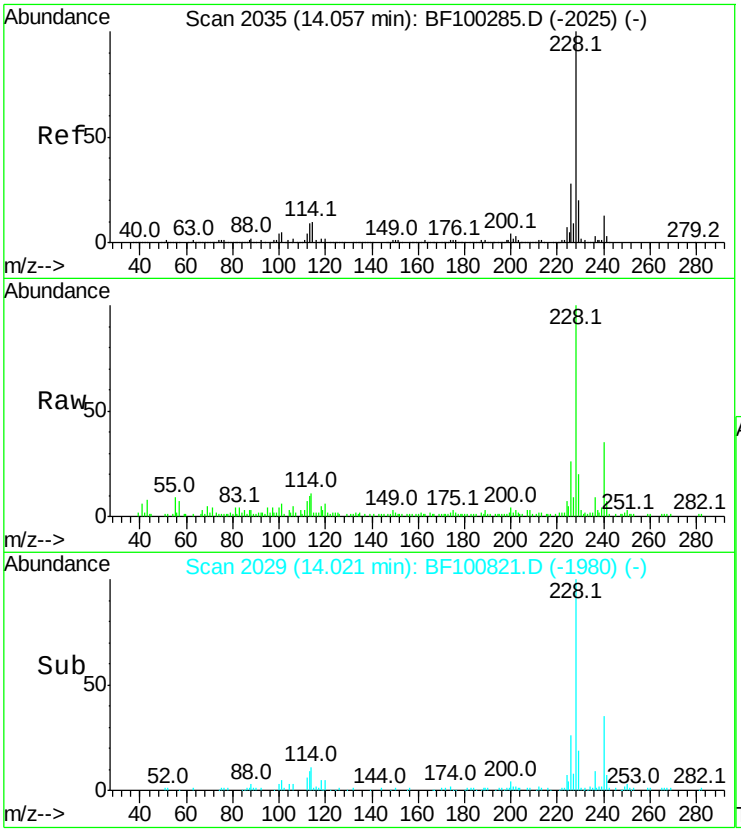


#79
Butylbenzylphthalate
Concen: 3.417 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:149 Resp: 17228

Ion	Ratio	Lower	Upper
149	100		
91	74.7	56.8	85.2
206	21.7	14.1	21.1#



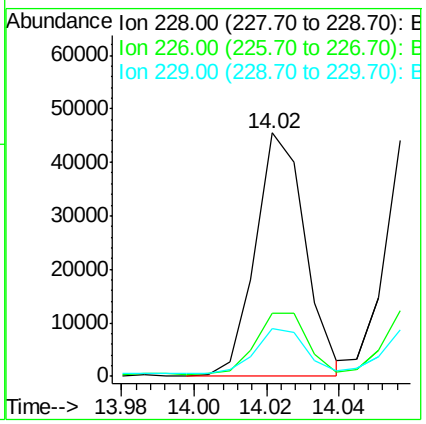


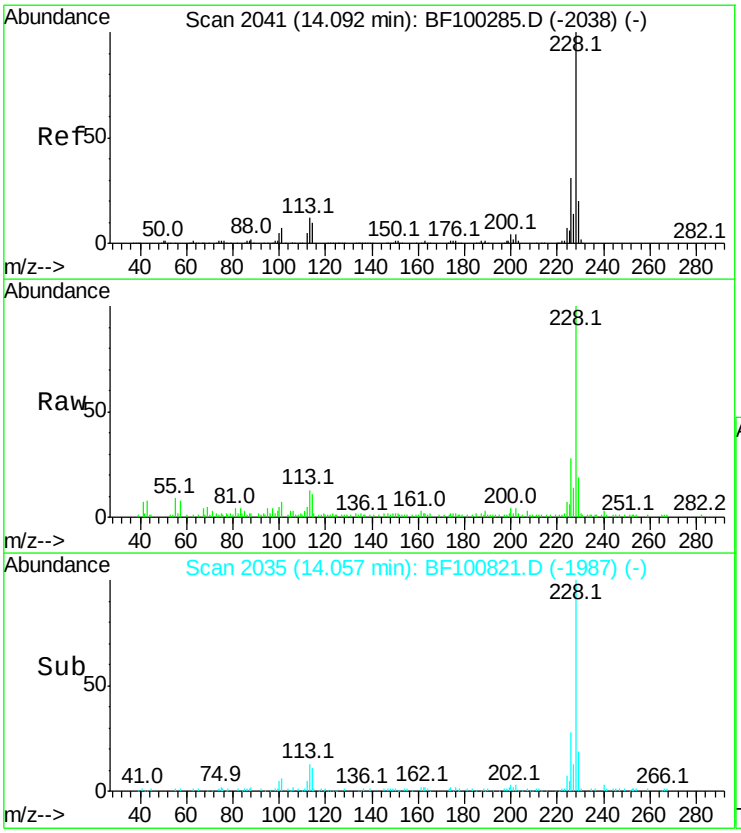
#80
Benzo(a)anthracene
Concen: 4.164 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43488

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	19.6	15.8	23.6

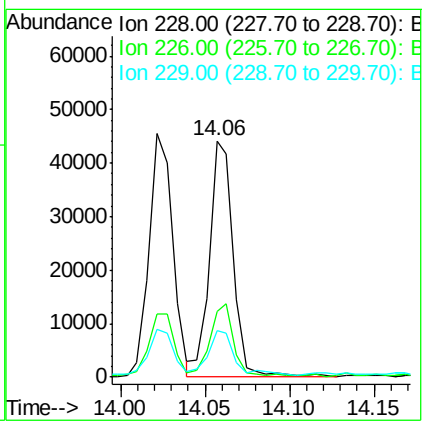


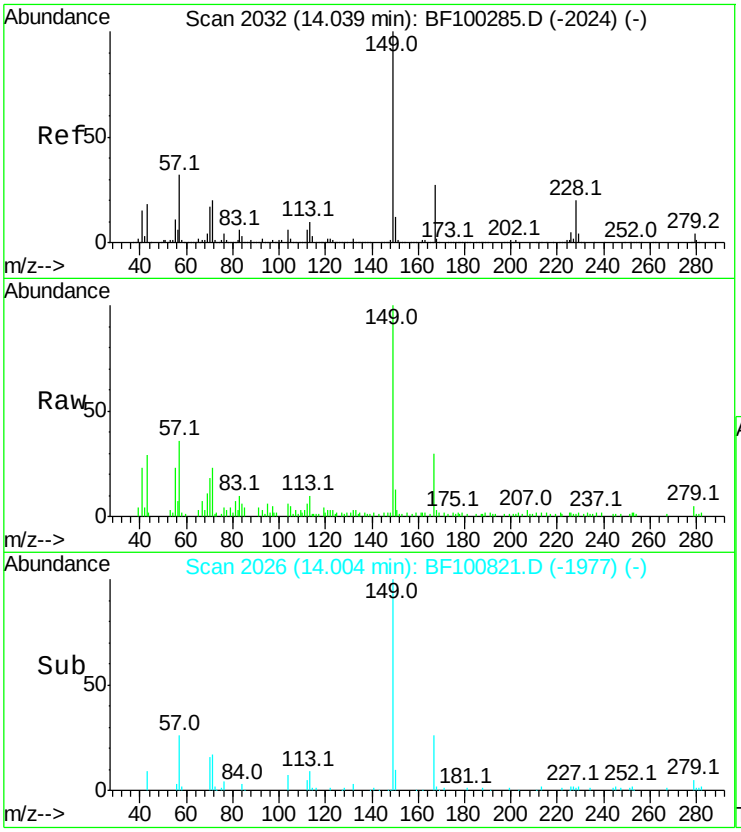


#82
Chrysene
Concen: 4.333 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:228 Resp: 43827

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	19.4	16.2	24.4



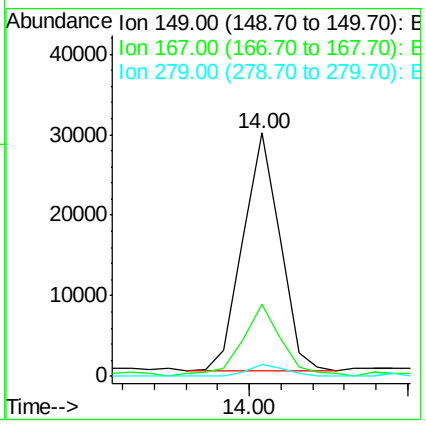


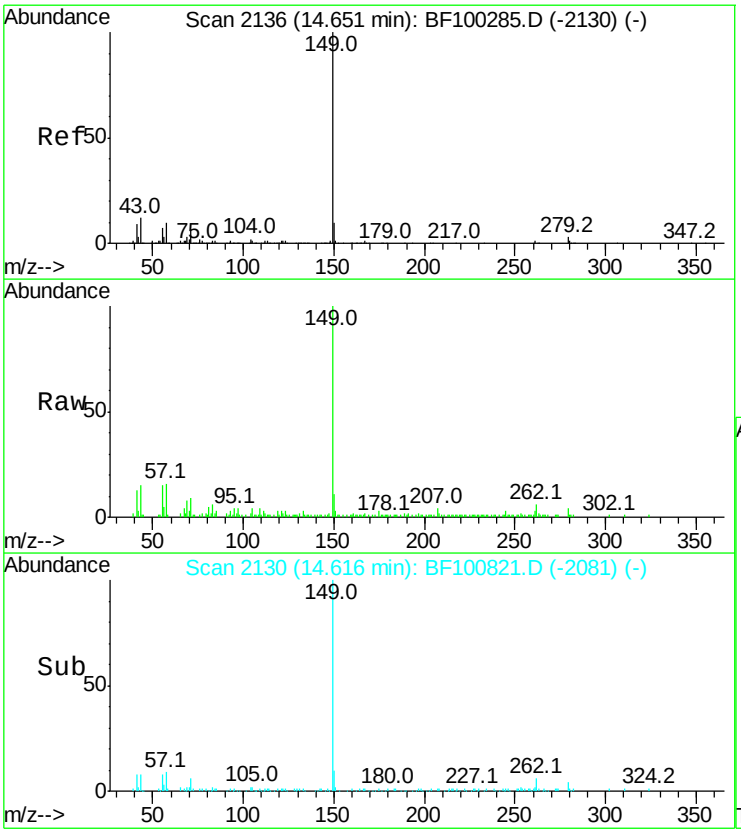
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.622 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 24018

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.3	31.9
279	5.2	3.0	4.4#

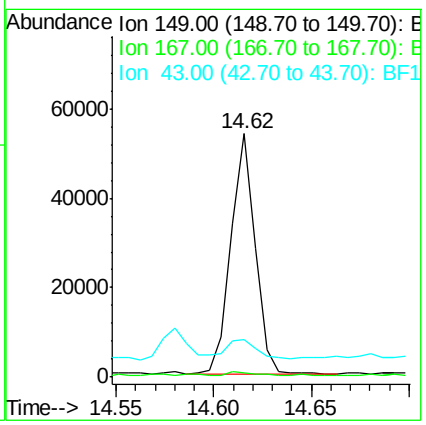


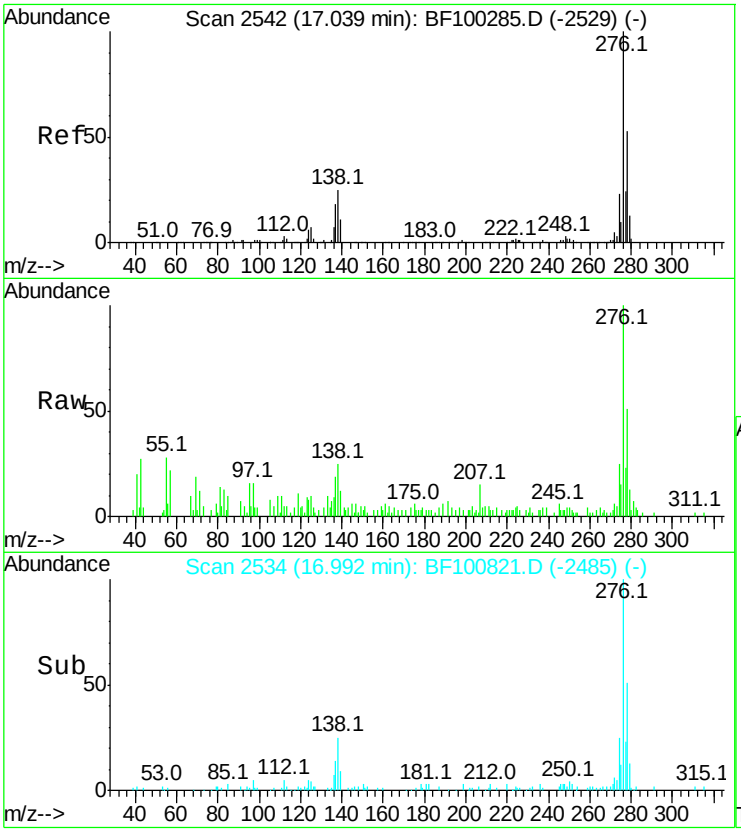


#84
Di-n-octyl phthalate
Concen: 4.057 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:149 Resp: 46222

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	11.0	8.4	12.6



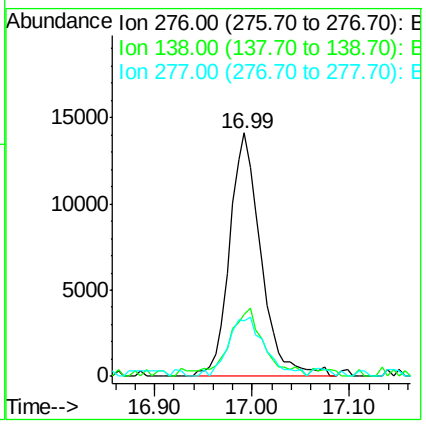


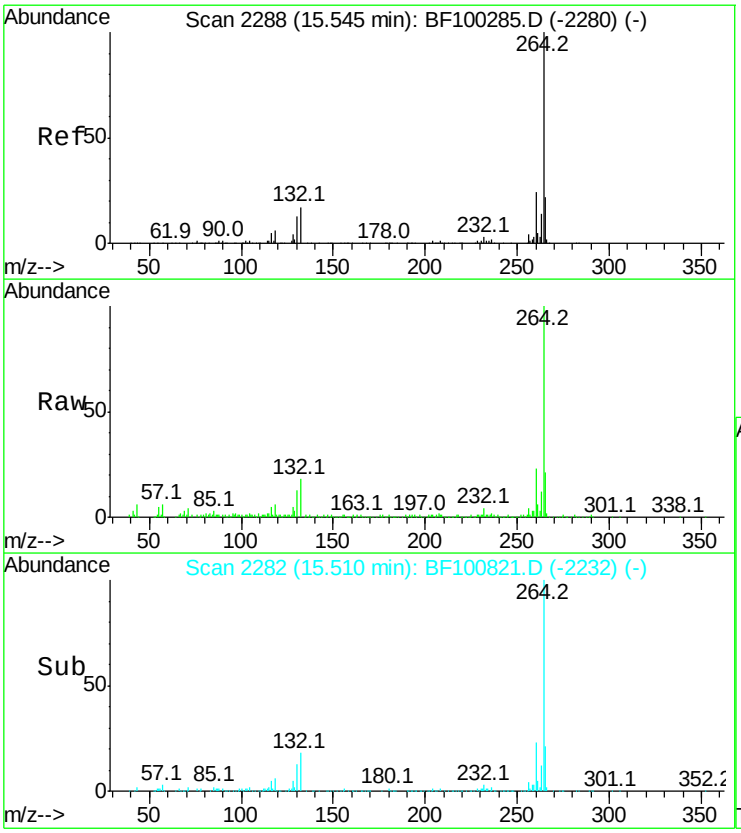
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.829 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31324

Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	28.5	20.1	30.1

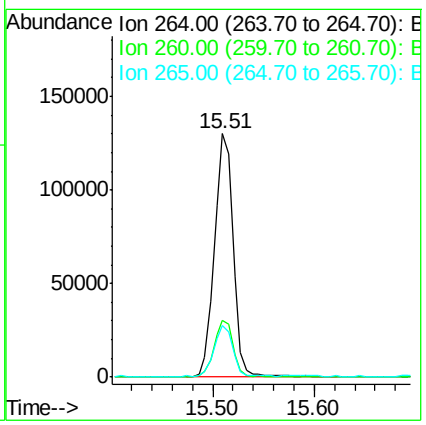


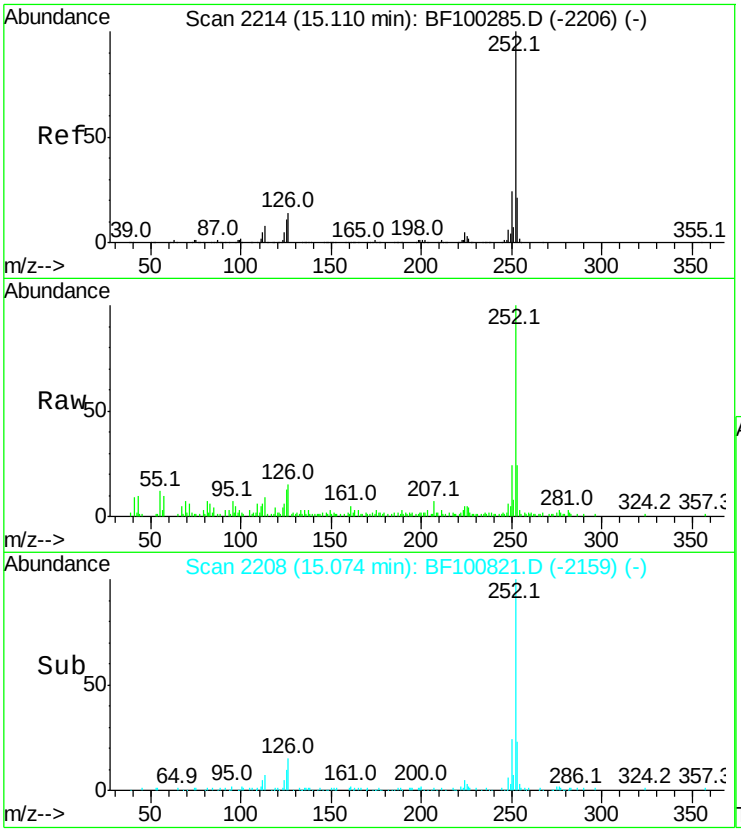


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:264 Resp: 167800

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3



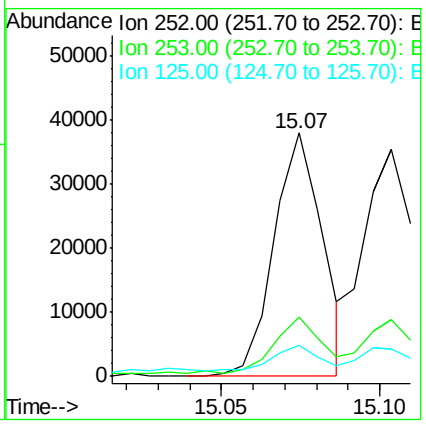


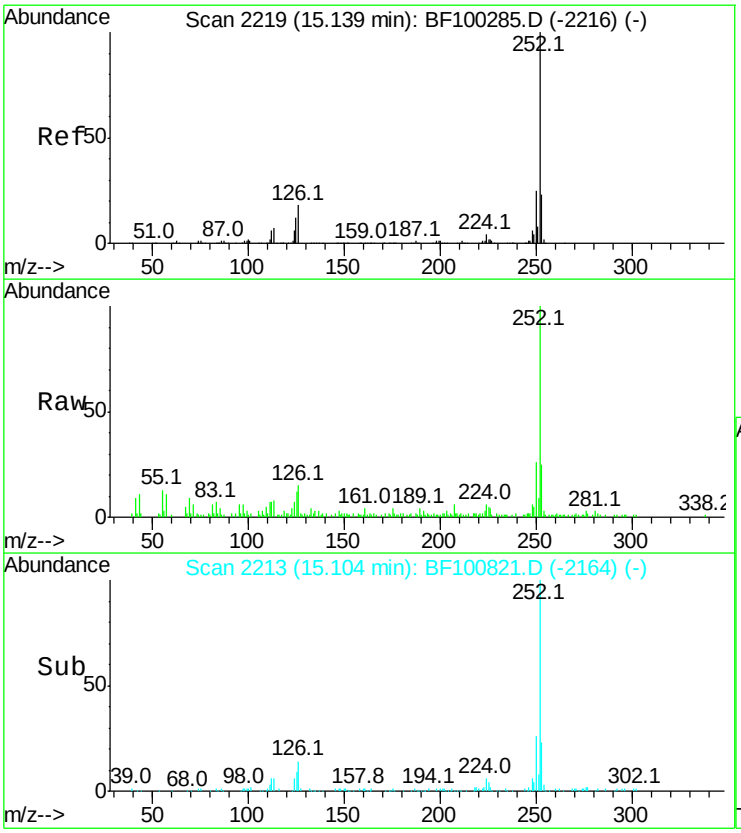
#87
Benzo(b)fluoranthene
Concen: 4.076 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40520

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	12.5	9.0	13.6

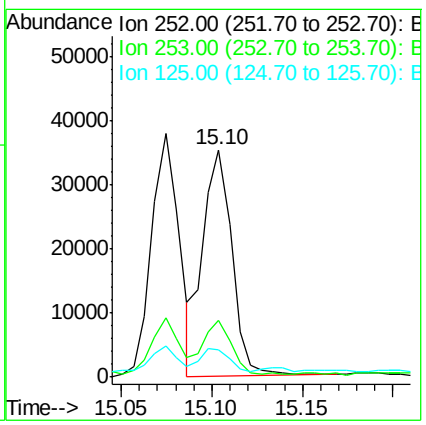


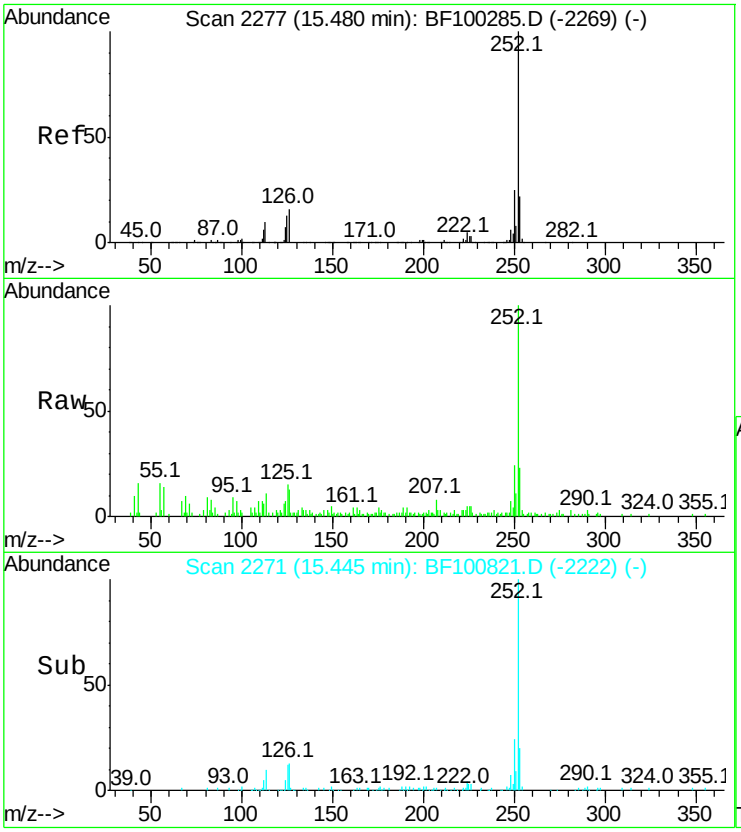


#88
Benzo(k)fluoranthene
Concen: 4.212 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:252 Resp: 39561

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	12.2	10.2	15.2



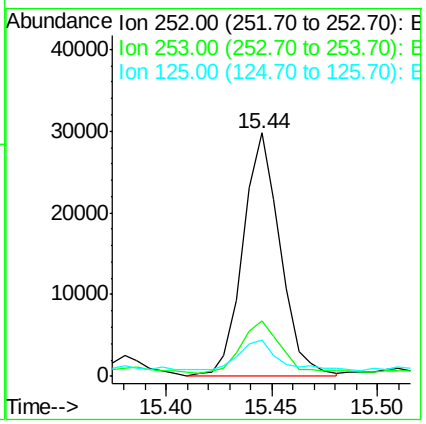


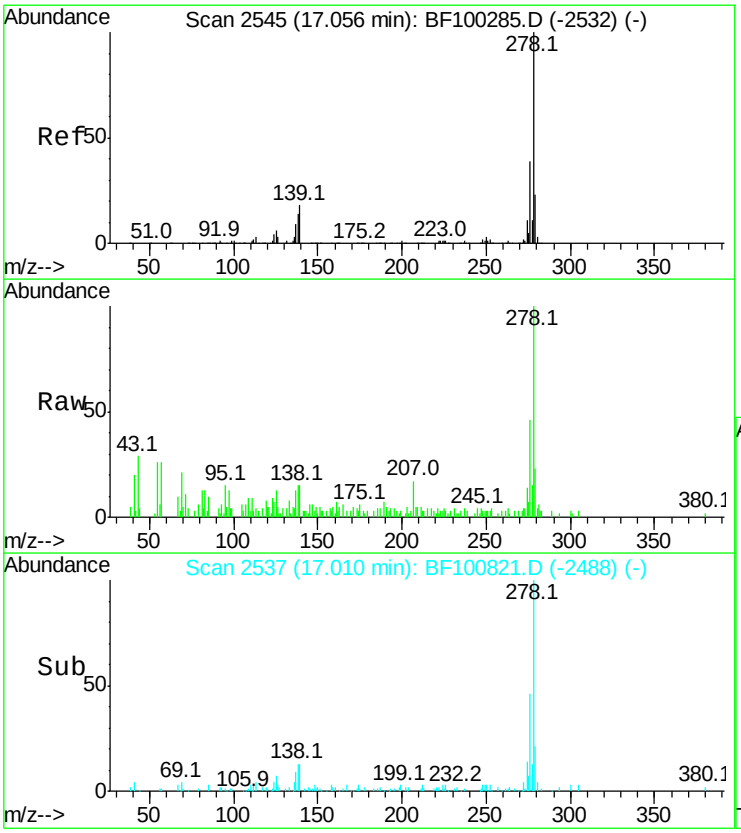
#89
Benzo(a)pyrene
Concen: 4.149 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36565

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.9	9.8	14.6#

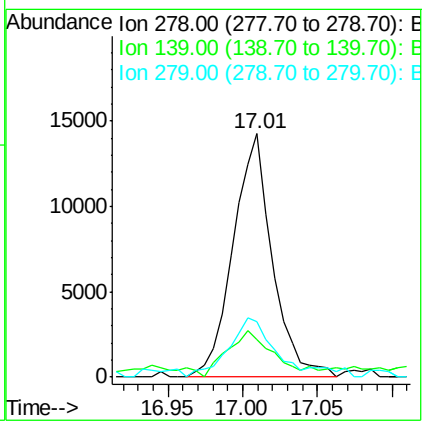


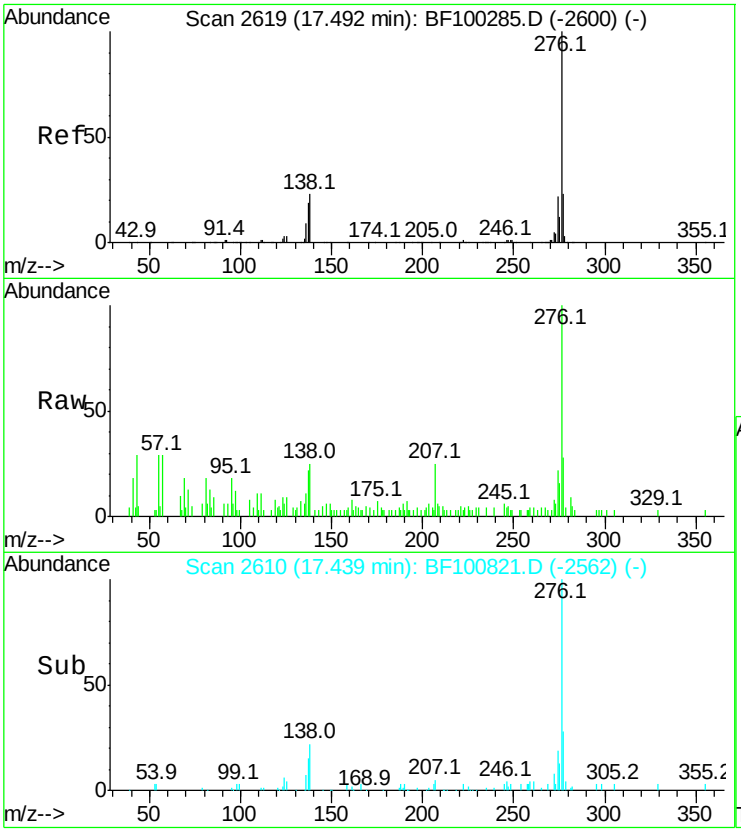


#90
Dibenzo(a,h)anthracene
Concen: 3.616 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Tgt Ion:278 Resp: 26064

Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.9	23.9#
279	22.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 3.555 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF100821.D
Acq: 22 Nov 2017 12:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25083

Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	24.7	21.8	32.8