Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100397.D
Acq On : 10 Nov 2017 18:02
Operator : SJ/JU
Sample : I6364-03MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 21:55:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157319	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	606419	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	263020	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	424126	20.00	ng		0.00
75) Chrysene-d12	14.06	240	343085	20.00	ng		0.00
86) Perylene-d12	15.54	264	284249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	83755	8.53	ng		-0.01
7) Phenol-d6	6.51	99	103652	8.56	ng		-0.02
23) Nitrobenzene-d5	7.46	82	58547	6.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	19670	7.34	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	124997	7.24	ng		-0.01
78) Terphenyl-d14	13.00	244	83071	5.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	11196	2.341	ng	#	87
4) n-Nitrosodimethylamine	3.42	42	14937	2.358	ng	#	85
8) 2-Chlorophenol	6.68	128	30809	2.967	ng		96
9) Benzaldehyde	6.45	77	17899	2.071	ng		92
10) Phenol	6.52	94	39469	3.107	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	30251	2.835	ng		94
12) 1,3-Dichlorobenzene	6.84	146	34546	2.886	ng		96
13) 1,4-Dichlorobenzene	6.92	146	35516	2.932	ng		94
14) 1,2-Dichlorobenzene	7.07	146	32499	2.901	ng		99
15) Benzyl Alcohol	7.03	79	24899	2.636	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	52328	3.066	ng		98
17) 2-Methylphenol	7.14	107	25123	2.832	ng		99
18) Hexachloroethane	7.42	117	8247	2.065	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	21566	2.570	ng		98
20) 3+4-Methylphenols	7.29	107	32043	2.854	ng		88
22) Acetophenone	7.30	105	43648	2.952	ng		99
24) Nitrobenzene	7.47	77	29923	3.170	ng		99
25) Isophorone	7.71	82	54317	2.818	ng		98
26) 2-Nitrophenol	7.79	139	9866	7.358	ng		95
27) 2,4-Dimethylphenol	7.82	122	27064	3.132	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	37248	2.954	ng		94
29) 2,4-Dichlorophenol	8.03	162	22463	2.723	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	26014	2.915	ng		93
31) Naphthalene	8.20	128	90463	3.097	ng		99
32) Benzoic acid	7.86	122	4900	9.967	ng	#	84
34) Hexachlorobutadiene	8.32	225	14502	2.734	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	23795	2.686	ng		97
37) 2-Methylnaphthalene	8.89	142	59249	3.055	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	26010	2.982	ng	#	96
42) 2,4,6-Trichlorophenol	9.17	196	14904	2.696	ng		92
43) 2,4,5-Trichlorophenol	9.20	196	15578	2.720	ng	#	92
45) 1,1'-Biphenyl	9.36	154	69654	3.062	ng		94
46) 2-Chloronaphthalene	9.38	162	53054	3.215	ng		97
47) 2-Nitroaniline	9.47	65	15302	5.740	ng		91

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100397.D
Acq On : 10 Nov 2017 18:02
Operator : SJ/JU
Sample : I6364-03MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 21:55:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.80	152	76003	2.779	ng		98
49) Dimethylphthalate	9.65	163	64369	3.205	ng		99
50) 2,6-Dinitrotoluene	9.71	165	8714	2.192	ng		96
51) Acenaphthene	9.97	154	46529	2.797	ng		98
54) Dibenzofuran	10.14	168	69573	2.984	ng		98
55) 4-Nitrophenol	10.03	139	13287	3.486	ng		89
57) Fluorene	10.48	166	53306	3.121	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	11404	2.429	ng	#	93
59) Diethylphthalate	10.35	149	57109	2.842	ng		98
60) 4-Chlorophenyl-phenylether	10.47	204	26458	3.158	ng		95
61) 4-Nitroaniline	10.49	138	10136	2.277	ng		90
62) Azobenzene	10.63	77	55029	2.907	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	140	8.624	ng	#	23
65) n-Nitrosodiphenylamine	10.59	169	46777	3.172	ng		97
66) 4-Bromophenyl-phenylether	10.96	248	14975	3.294	ng		91
67) Hexachlorobenzene	11.03	284	14558	3.062	ng		94
68) Atrazine	11.11	200	14217	3.185	ng		95
69) Pentachlorophenol	11.22	266	12833	3.764	ng		95
70) Phenanthrene	11.45	178	67177	3.008	ng		99
71) Anthracene	11.50	178	68819	3.038	ng		100
72) Carbazole	11.65	167	57515	2.751	ng		98
73) Di-n-butylphthalate	11.98	149	83234	3.402	ng		99
74) Fluoranthene	12.63	202	64716	2.735	ng		97
77) Pyrene	12.86	202	64722	2.646	ng		99
79) Butylbenzylphthalate	13.48	149	28059	2.813	ng	#	94
80) Benzo(a)anthracene	14.05	228	61221	2.963	ng		97
82) Chrysene	14.09	228	58104	2.904	ng		95
83) Bis(2-ethylhexyl)phthalate	14.03	149	42772	3.261	ng		99
84) Di-n-octyl phthalate	14.65	149	70352	3.122	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.03	276	37294	2.305	ng		92
87) Benzo(b)fluoranthene	15.10	252	47615	2.827	ng		96
88) Benzo(k)fluoranthene	15.13	252	48478	3.047	ng		98
89) Benzo(a)pyrene	15.47	252	41713	2.794	ng	#	93
90) Dibenzo(a,h)anthracene	17.05	278	32912	2.696	ng		95
91) Benzo(g,h,i)perylene	17.48	276	32355	2.707	ng		94

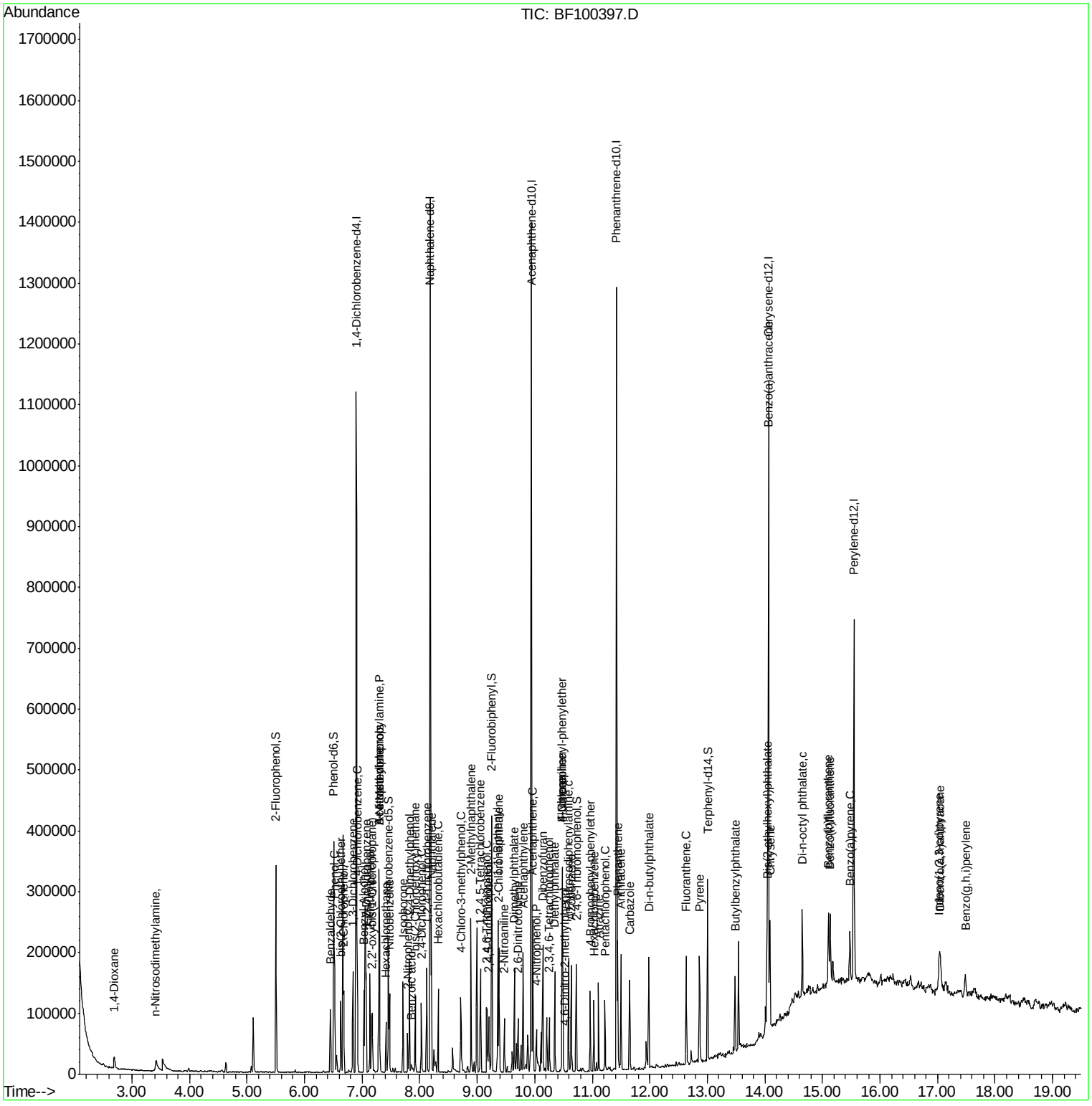
(#) = qualifier out of range (m) = manual integration (+) = signals summed

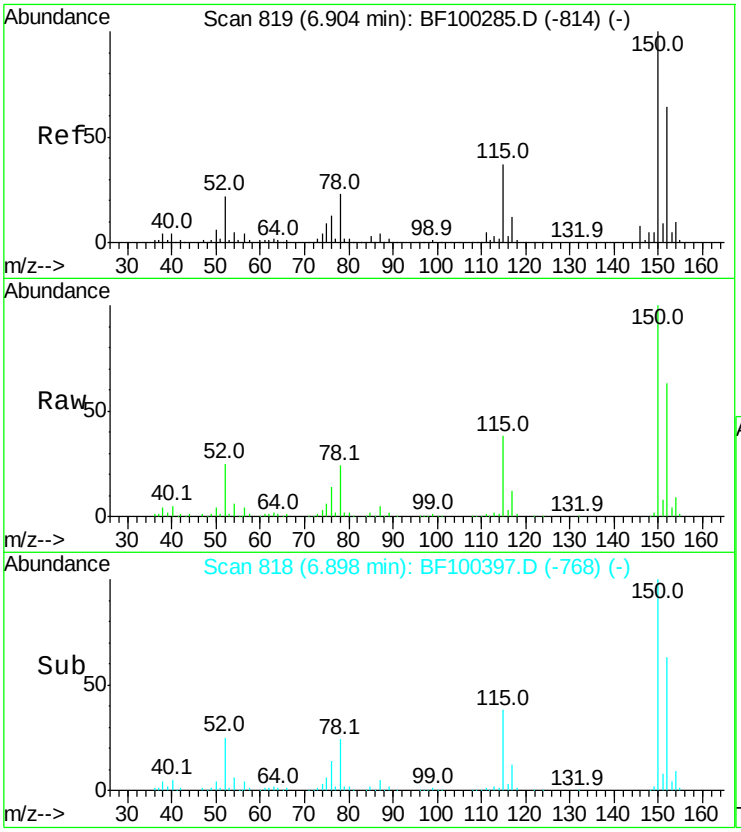
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100397.D
Acq On : 10 Nov 2017 18:02
Operator : SJ/JU
Sample : I6364-03MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 10 21:55:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



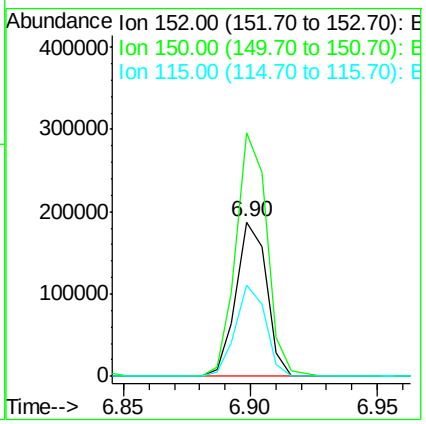


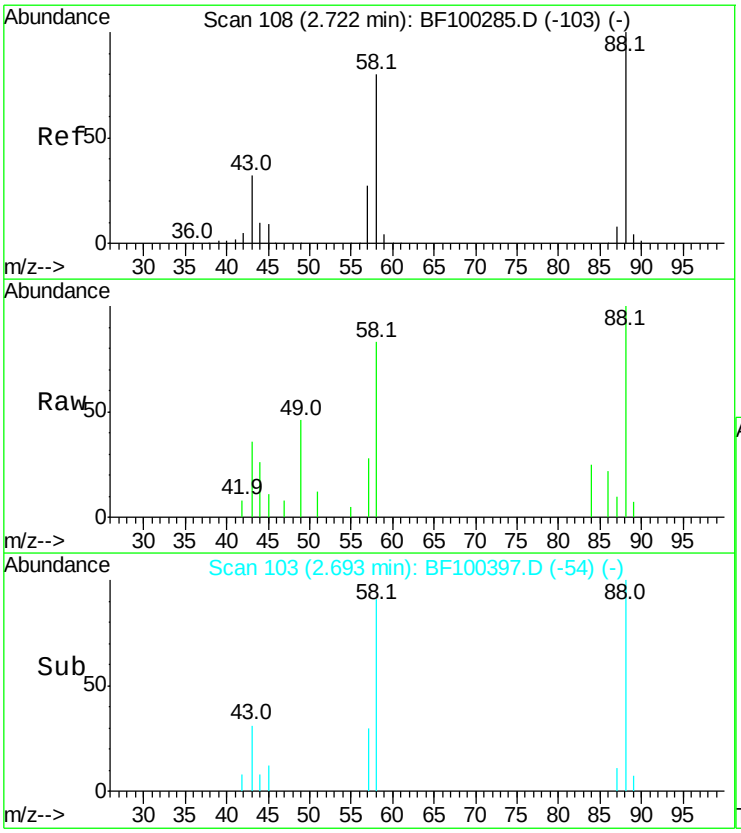
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157319

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	59.6	50.1	75.1

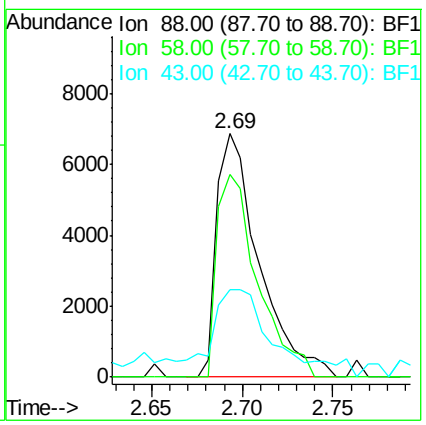


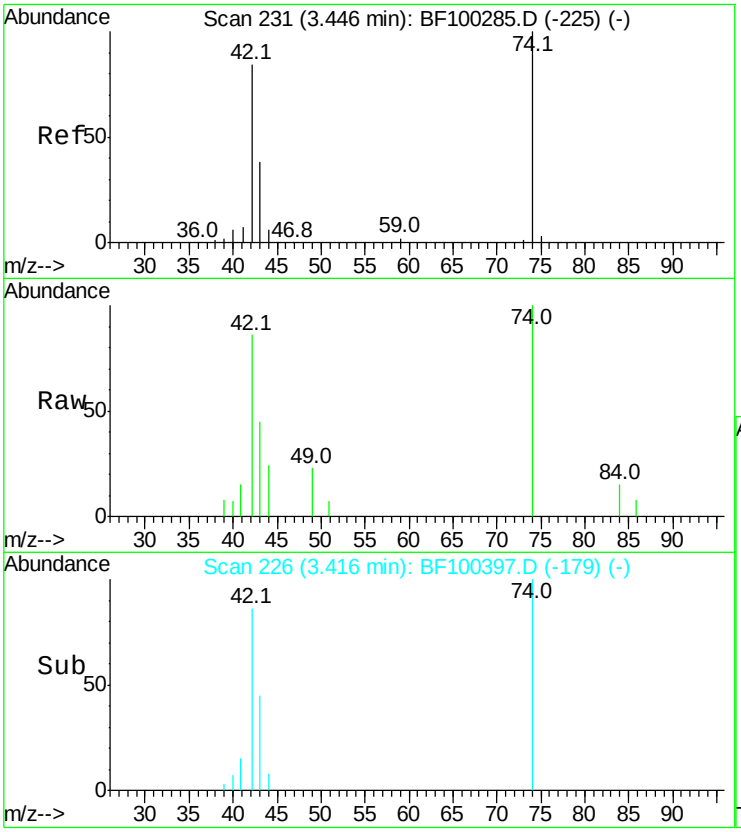


#2
1,4-Dioxane
Concen: 2.341 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 88 Resp: 11196

Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.6	93.8
43	53.3	24.6	37.0#



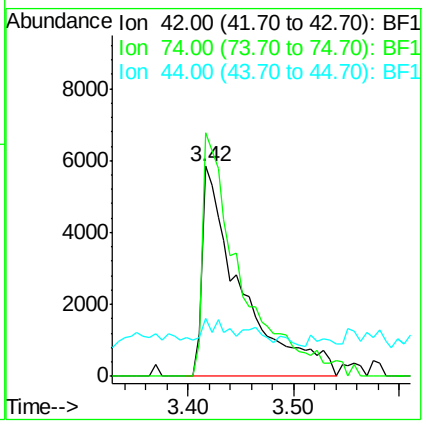


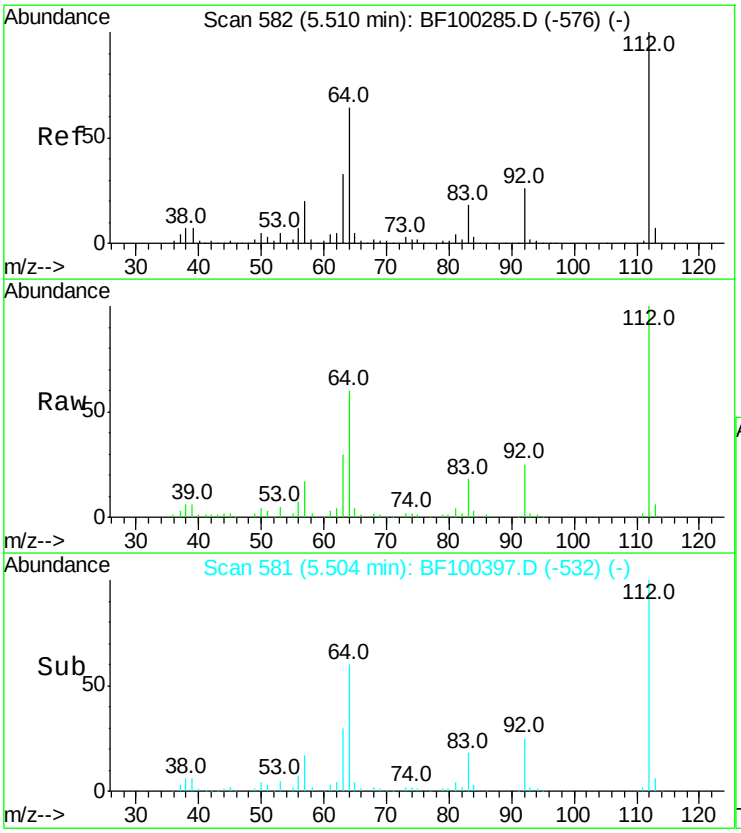
#4
n-Nitrosodimethylamine
Concen: 2.358 ng
RT: 3.42 min Scan# 226
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 14937

Ion	Ratio	Lower	Upper
42	100		
74	116.0	104.9	157.3
44	27.6	6.9	10.3#

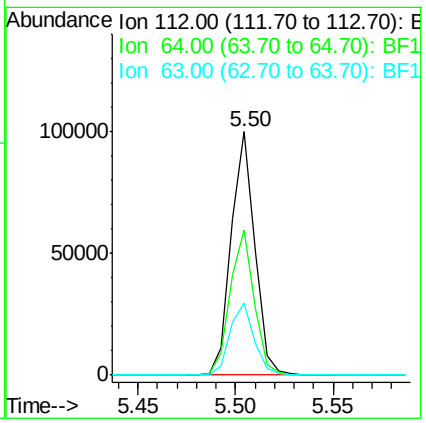


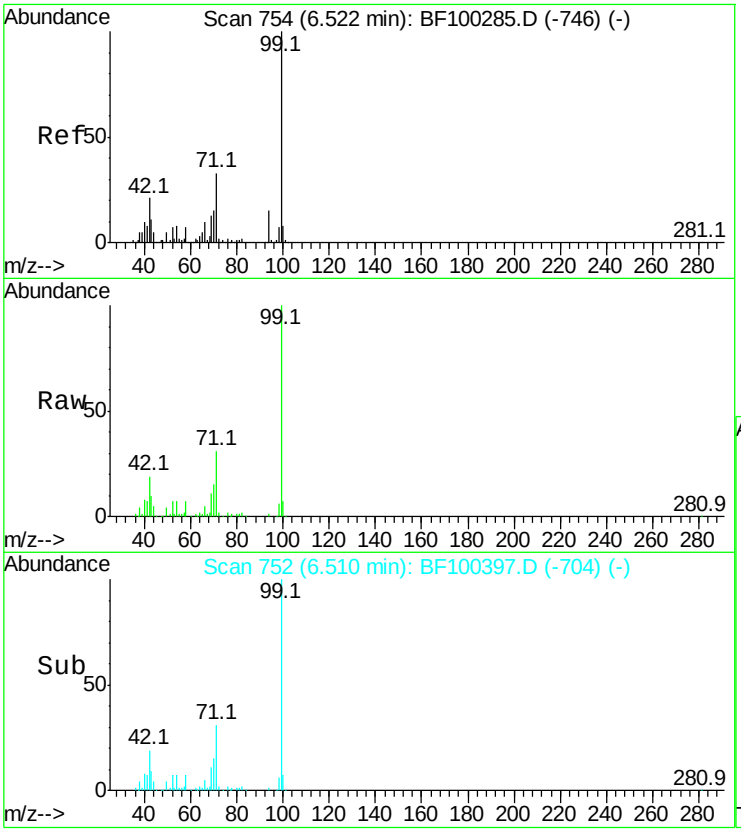


#5
2-Fluorophenol
Concen: 8.534 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:112 Resp: 83755

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.9	23.7	35.5



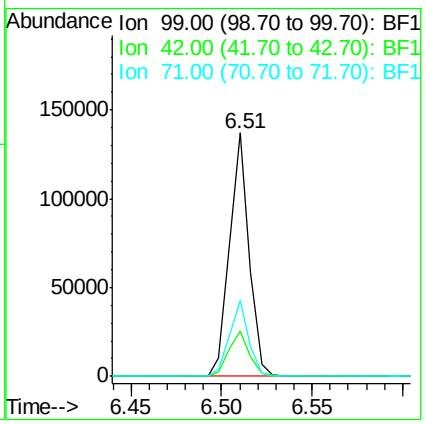


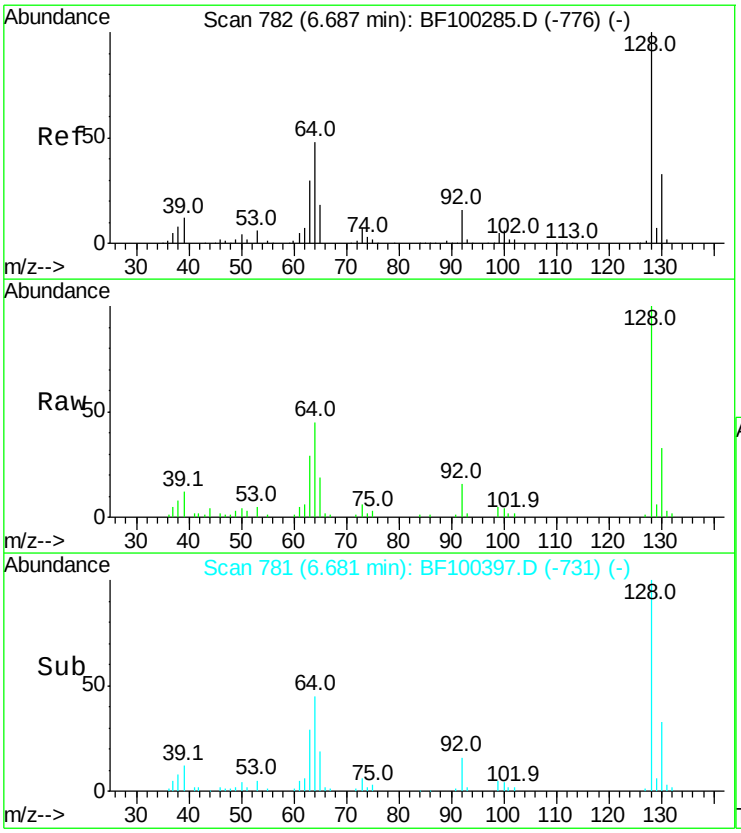
#7
Phenol-d6
Concen: 8.565 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 103652

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	31.1	25.4	38.0

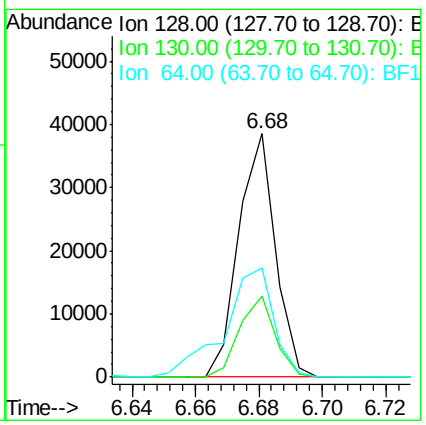


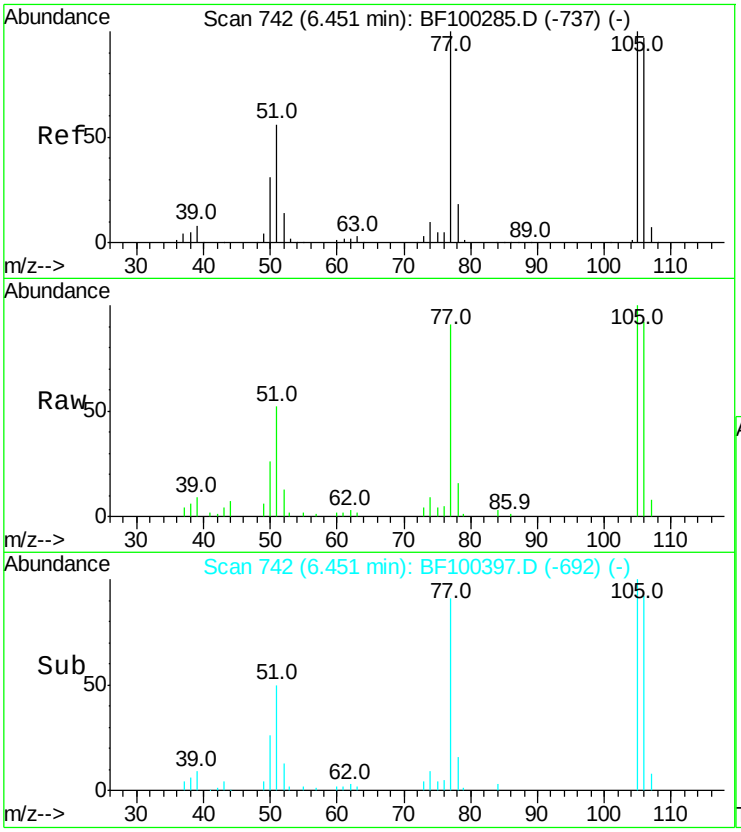


#8
2-Chlorophenol
Concen: 2.967 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:128 Resp: 30809

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	45.1	29.4	69.4



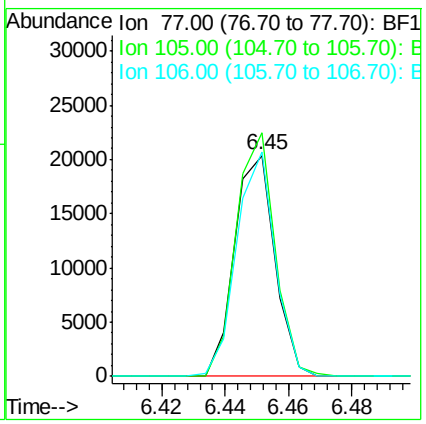


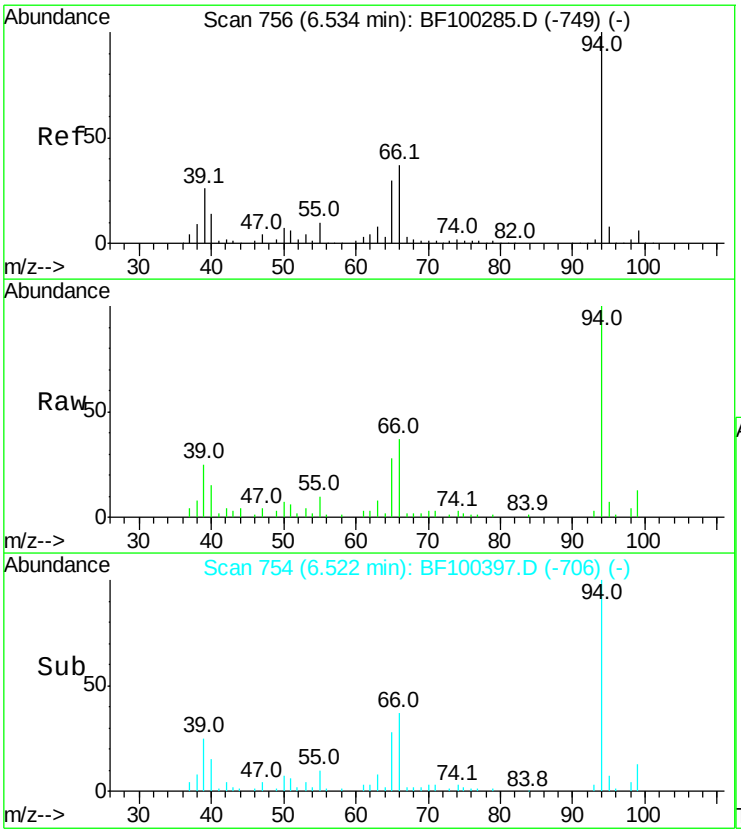
#9
Benzaldehyde
Concen: 2.071 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 17899

Ion	Ratio	Lower	Upper
77	100		
105	110.2	81.1	121.1
106	101.5	74.5	114.5

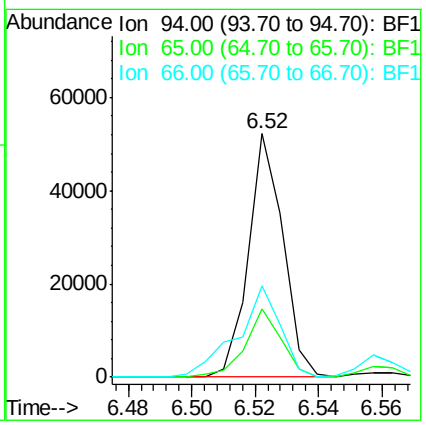


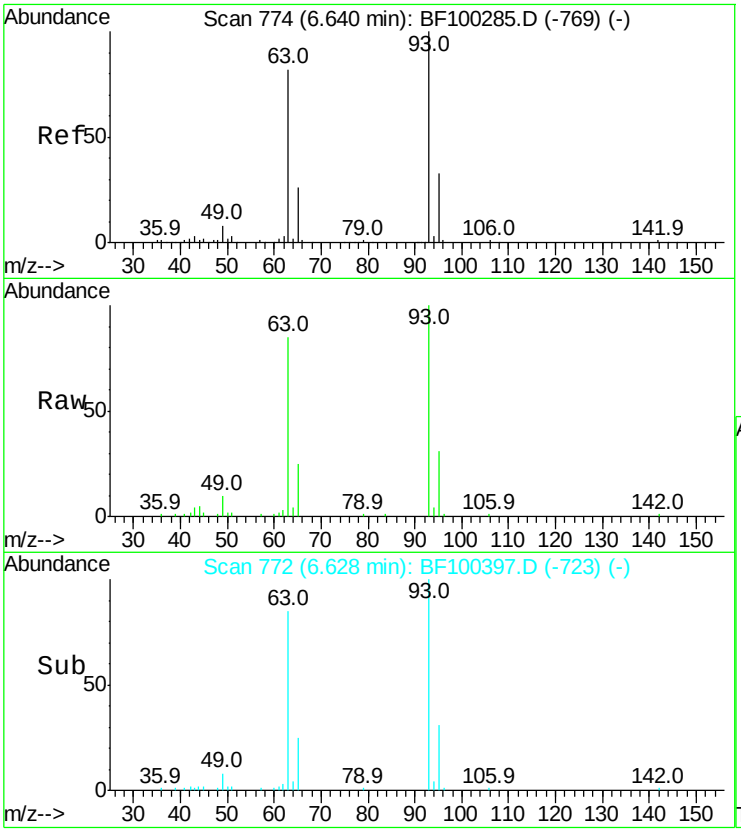


#10
Phenol
Concen: 3.107 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 94 Resp: 39469

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	37.3	16.2	56.2



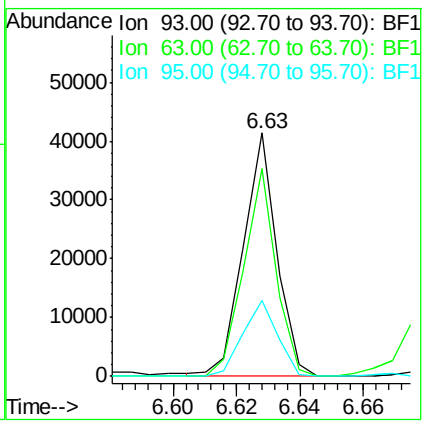


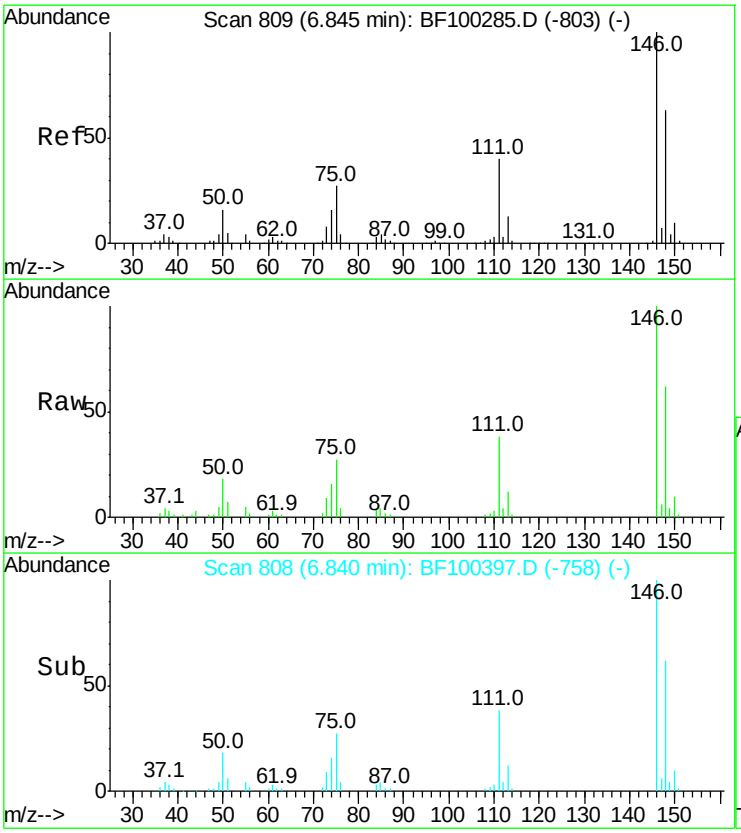
#11
bis(2-Chloroethyl)ether
Concen: 2.835 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 30251

Ion	Ratio	Lower	Upper
93	100		
63	85.4	58.6	98.6
95	31.4	11.8	51.8

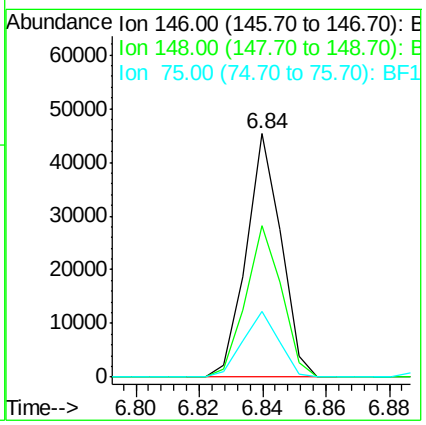


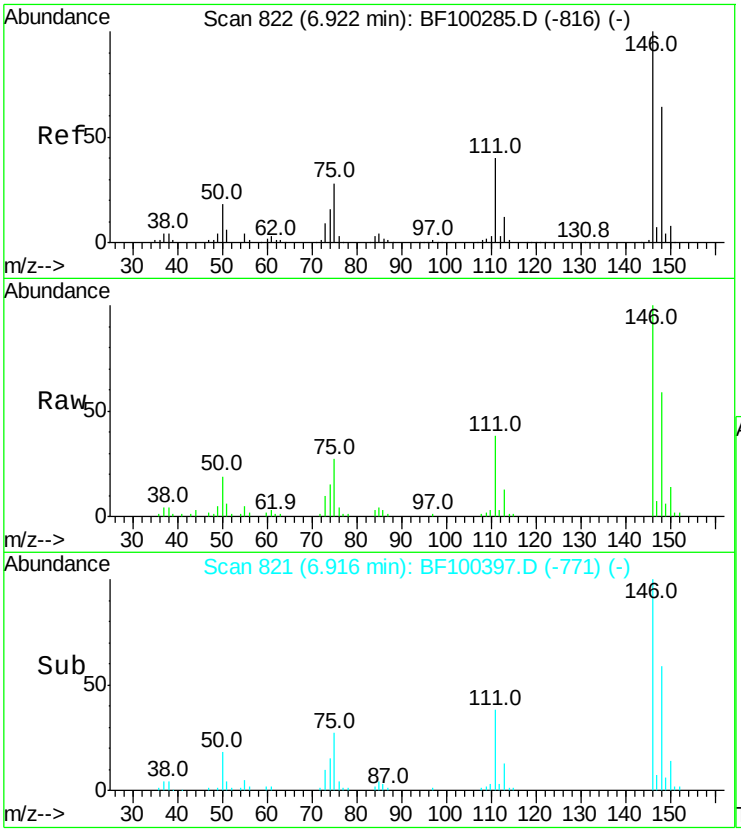


#12
1,3-Dichlorobenzene
Concen: 2.886 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:146 Resp: 34546

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	27.2	24.2	36.4



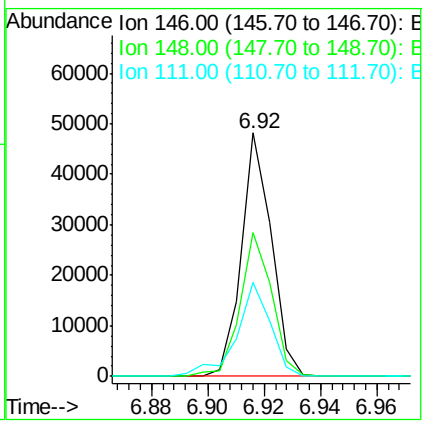


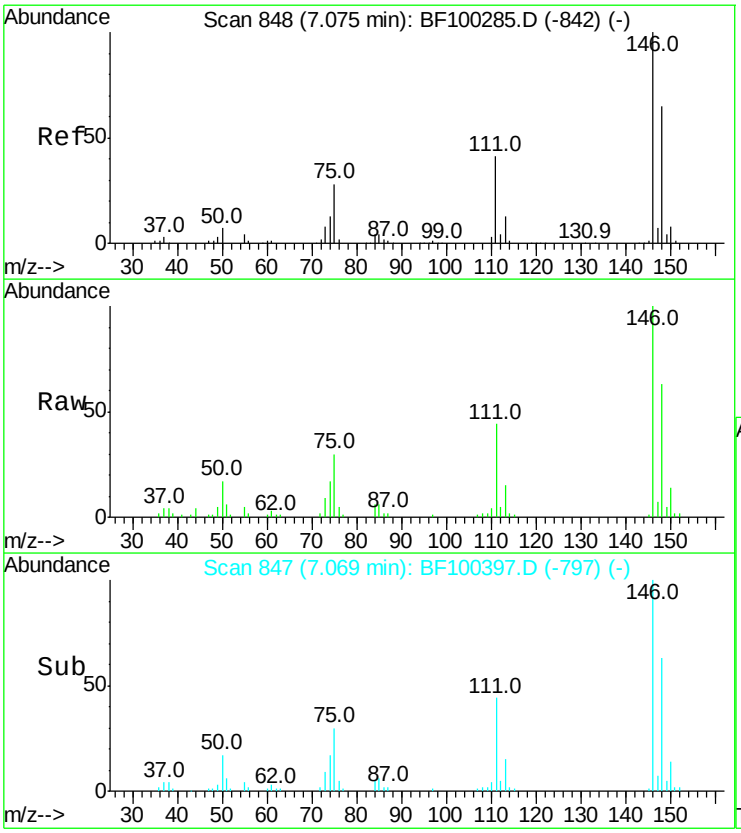
#13
1,4-Dichlorobenzene
Concen: 2.932 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 35516

Ion	Ratio	Lower	Upper
146	100		
148	58.9	50.8	76.2
111	38.4	34.2	51.2

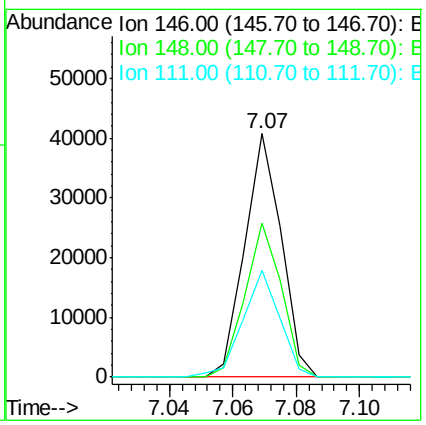


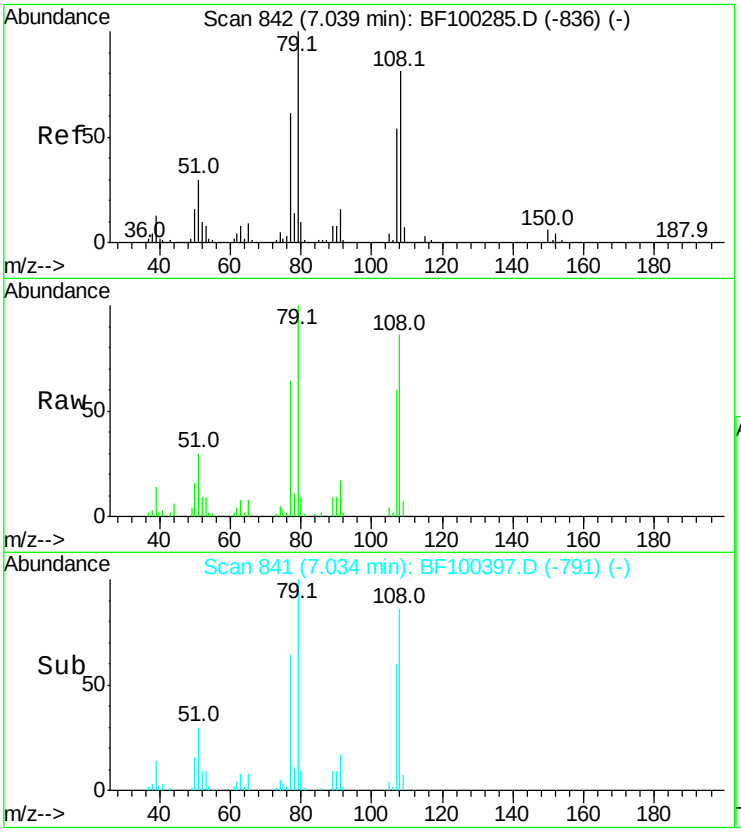


#14
1,2-Dichlorobenzene
Concen: 2.901 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:146 Resp: 32499

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.8	36.0	54.0



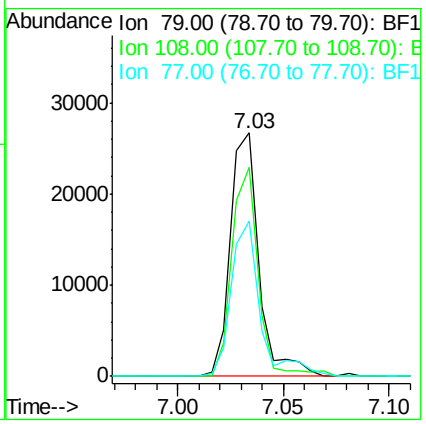


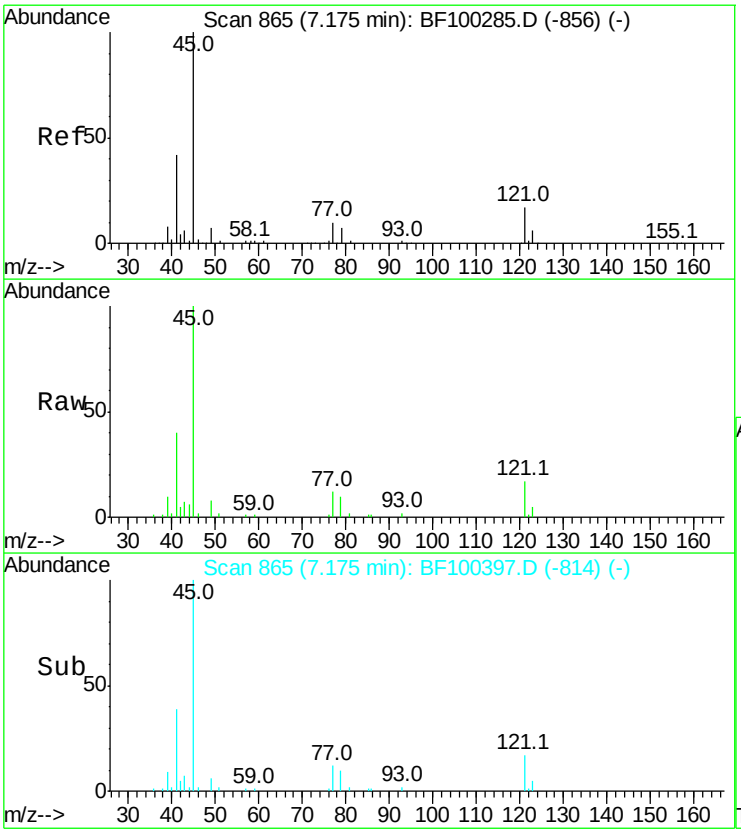
#15
Benzyl Alcohol
Concen: 2.636 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 24899

Ion	Ratio	Lower	Upper
79	100		
108	86.0	65.1	97.7
77	63.9	50.6	75.8

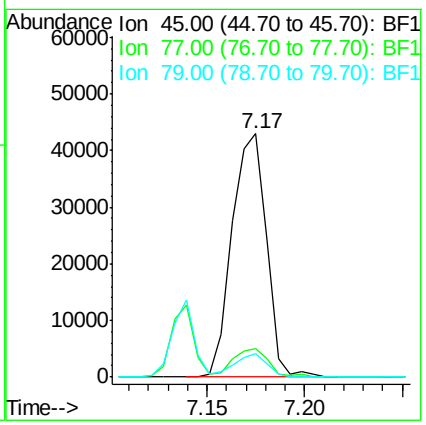


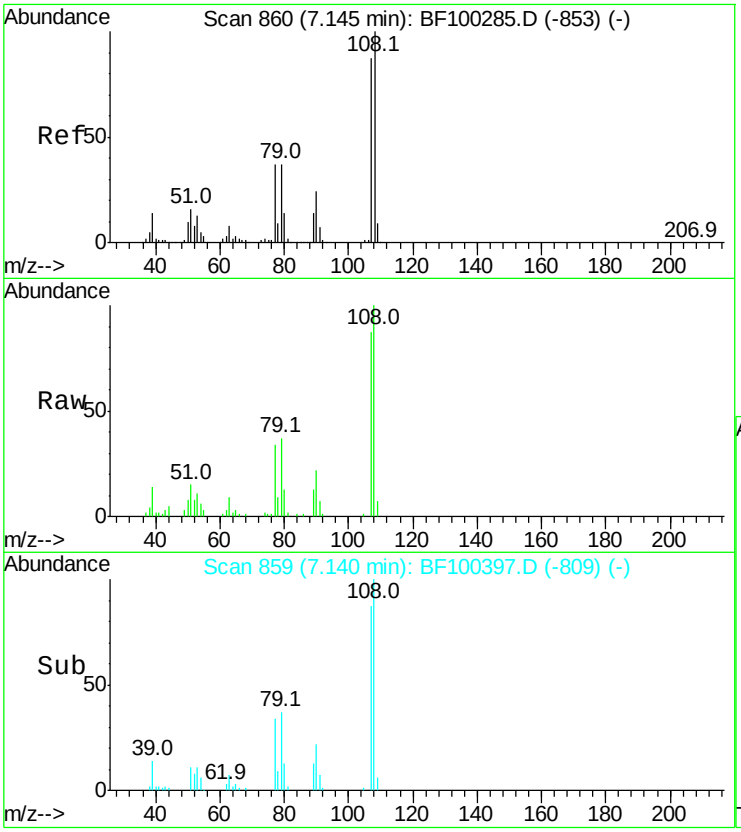


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.066 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 45 Resp: 52328

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	32.9
79	9.7	0.0	29.6



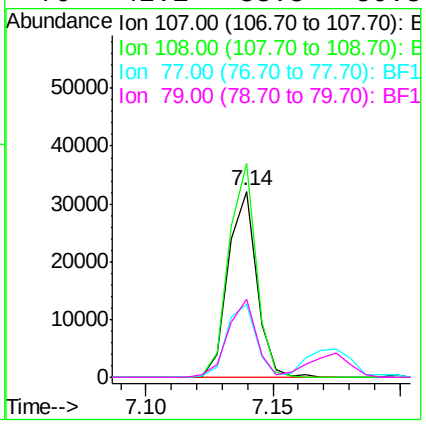


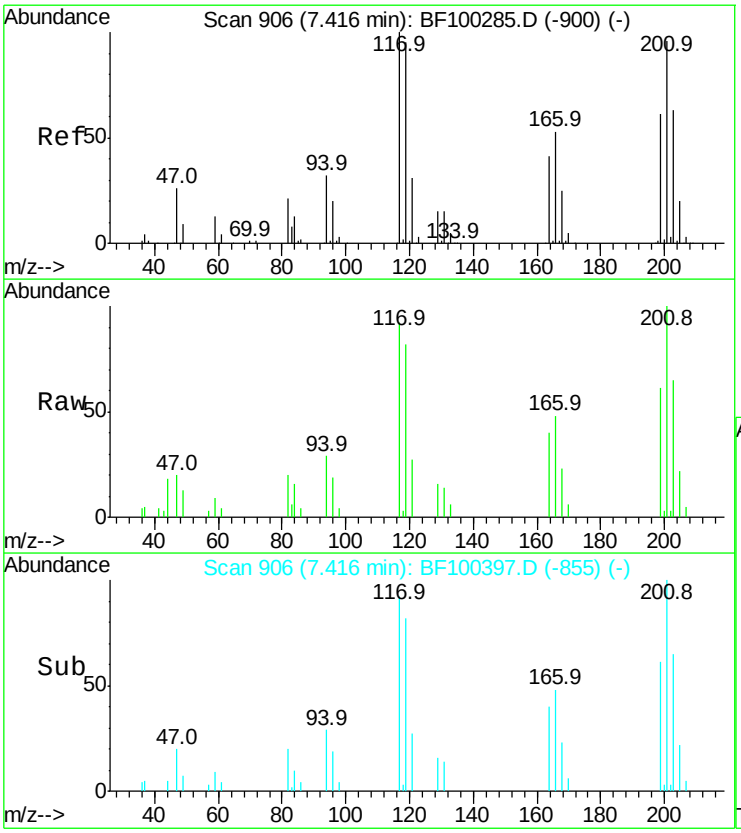
#17
2-Methylphenol
Concen: 2.832 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 25123

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	39.2	33.8	50.8
79	42.1	33.8	50.8

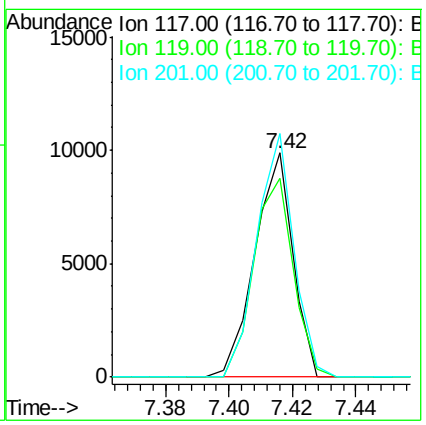


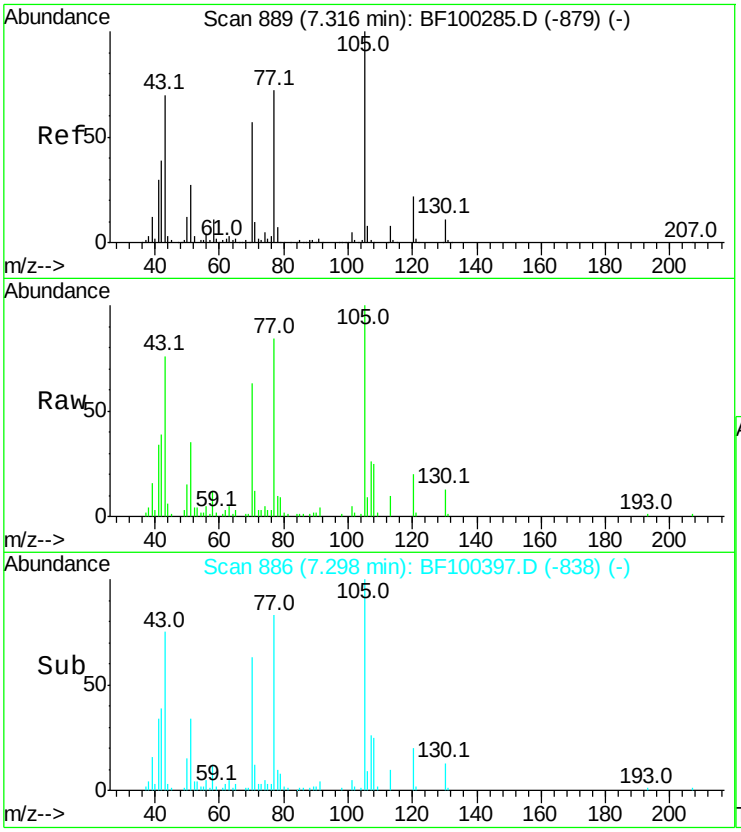


#18
Hexachloroethane
Concen: 2.065 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:117 Resp: 8247

Ion	Ratio	Lower	Upper
117	100		
119	88.6	75.8	113.8
201	108.7	75.7	113.5



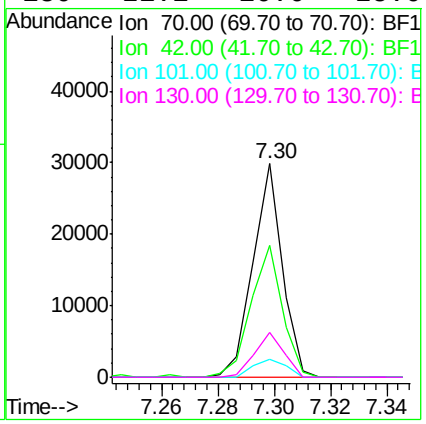


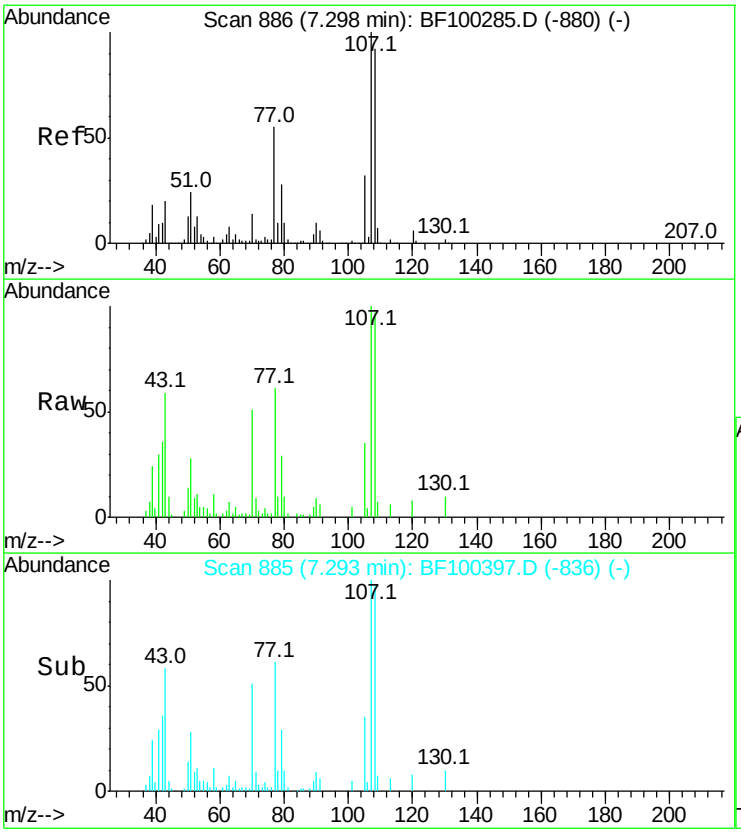
#19
n-Nitroso-di-n-propylamine
Concen: 2.570 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21566

Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.5	71.3
101	8.4	7.4	11.2
130	21.1	16.6	25.0

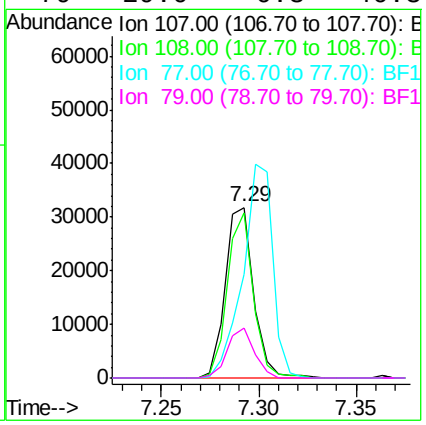


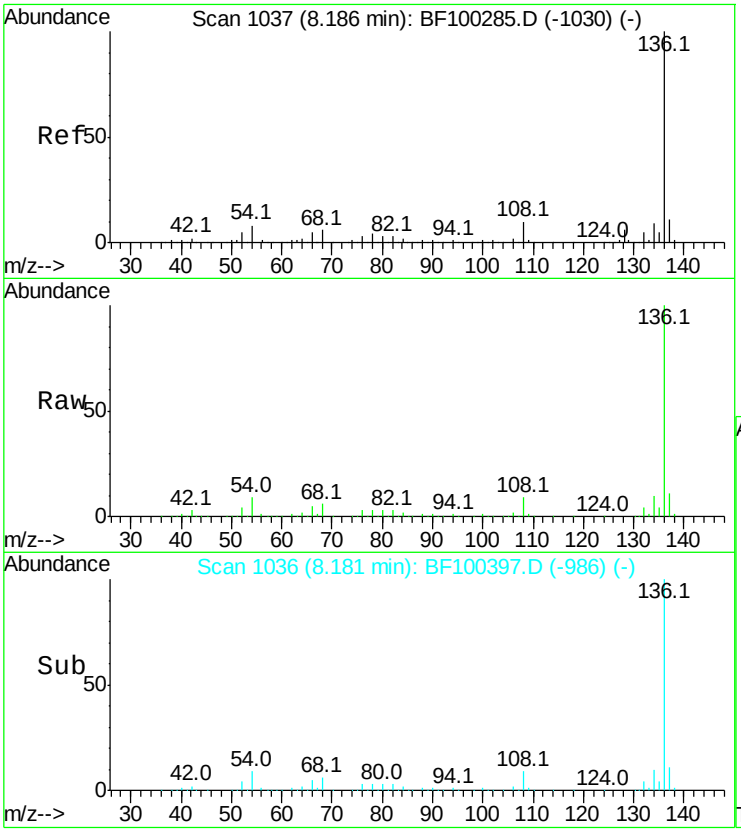


#20
3+4-Methylphenols
Concen: 2.854 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:107 Resp: 32043

Ion	Ratio	Lower	Upper
107	100		
108	96.9	68.2	108.2
77	61.0	26.7	66.7
79	29.0	6.3	46.3



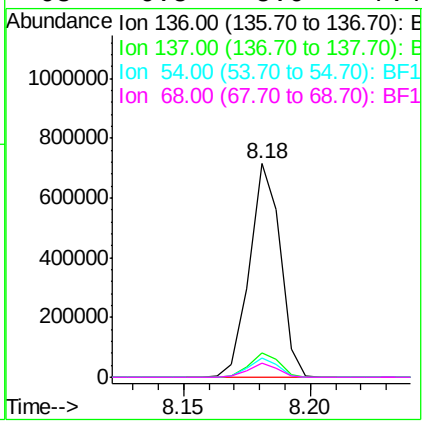


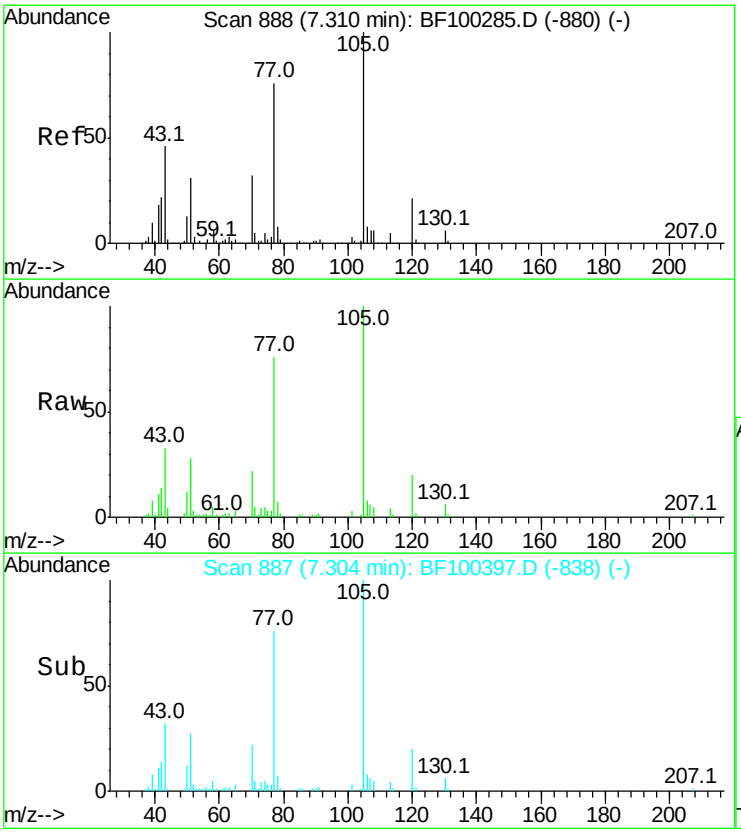
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 606419

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4

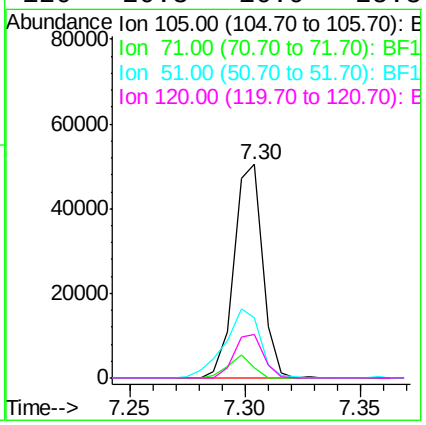


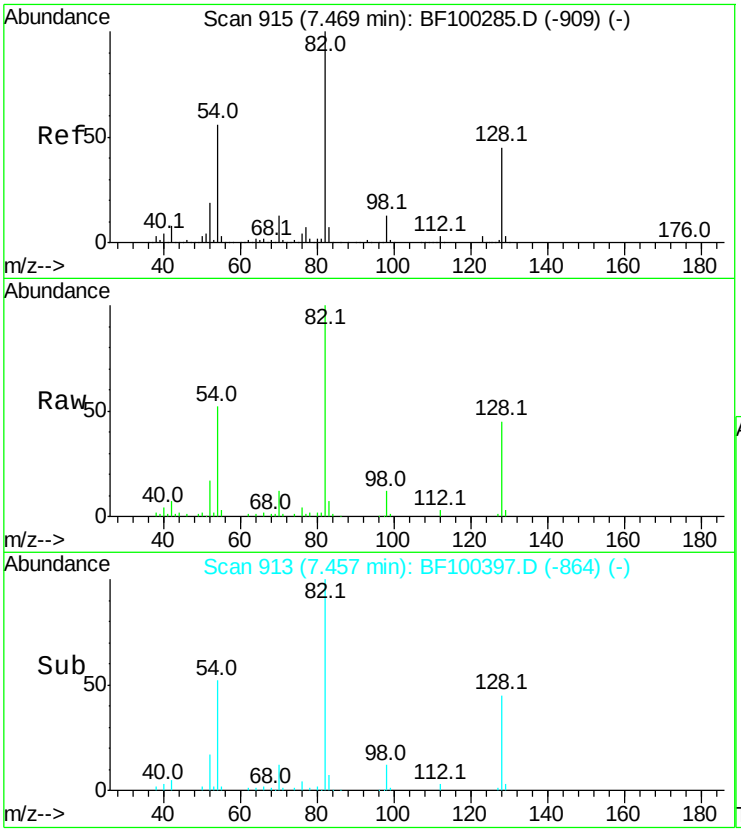


#22
Acetophenone
Concen: 2.952 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:105 Resp: 43648

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.4	6.6
51	28.2	22.3	33.5
120	20.3	16.9	25.3



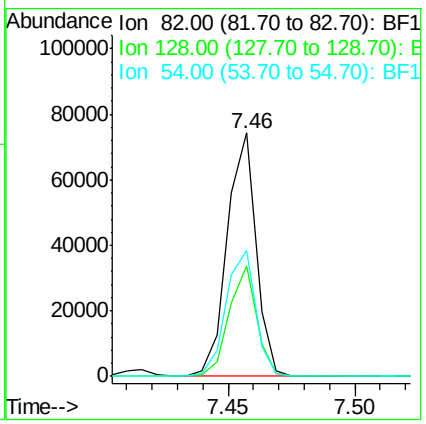


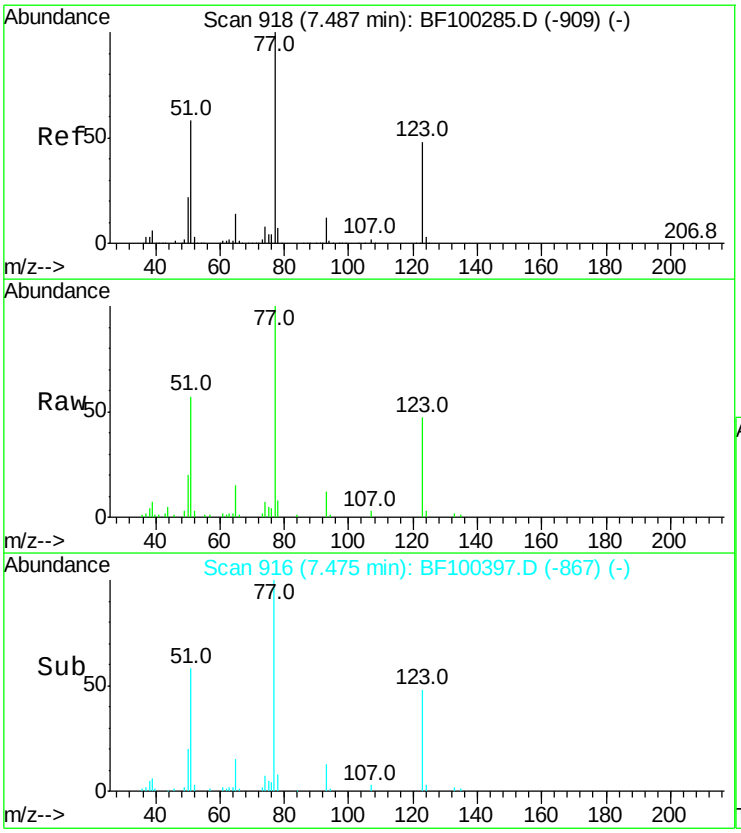
#23
Nitrobenzene-d5
Concen: 6.383 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 58547

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	51.8	41.4	62.2

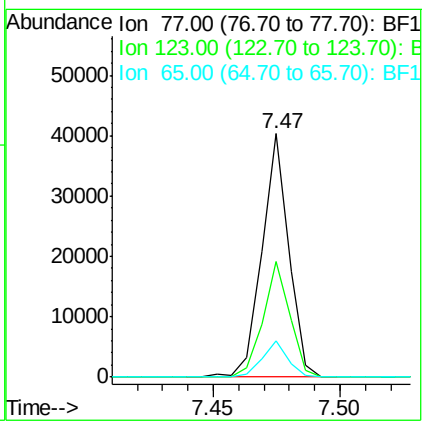


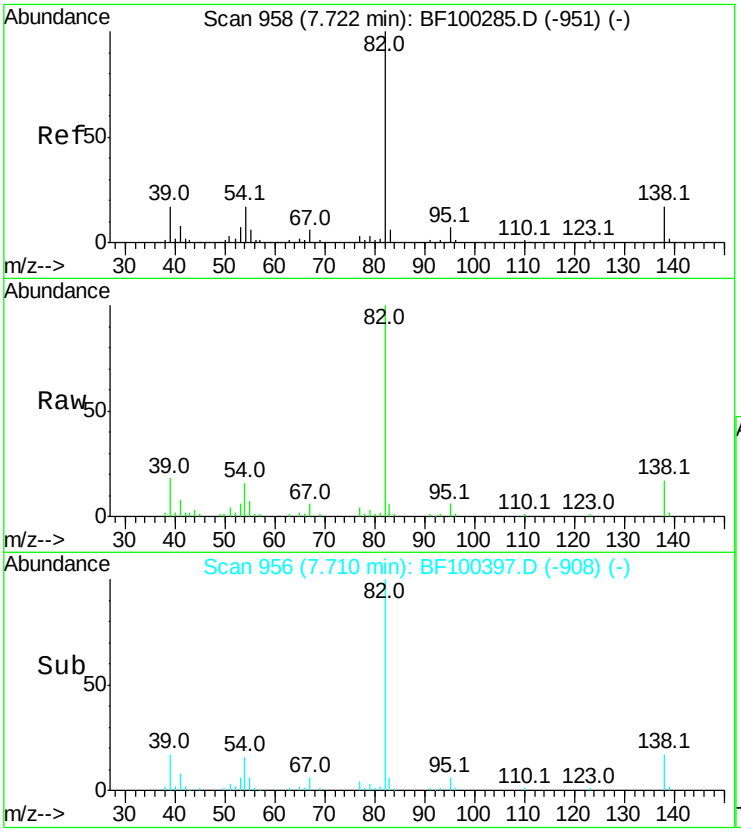


#24
Nitrobenzene
Concen: 3.170 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 77 Resp: 29923

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	15.0	11.0	16.4



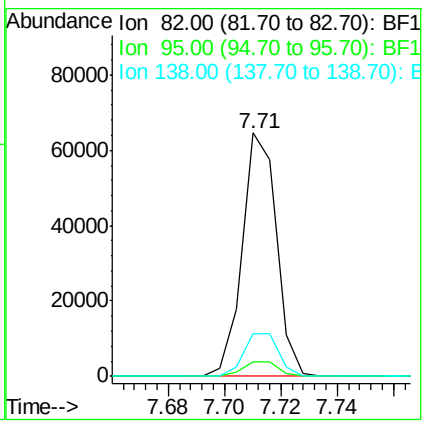


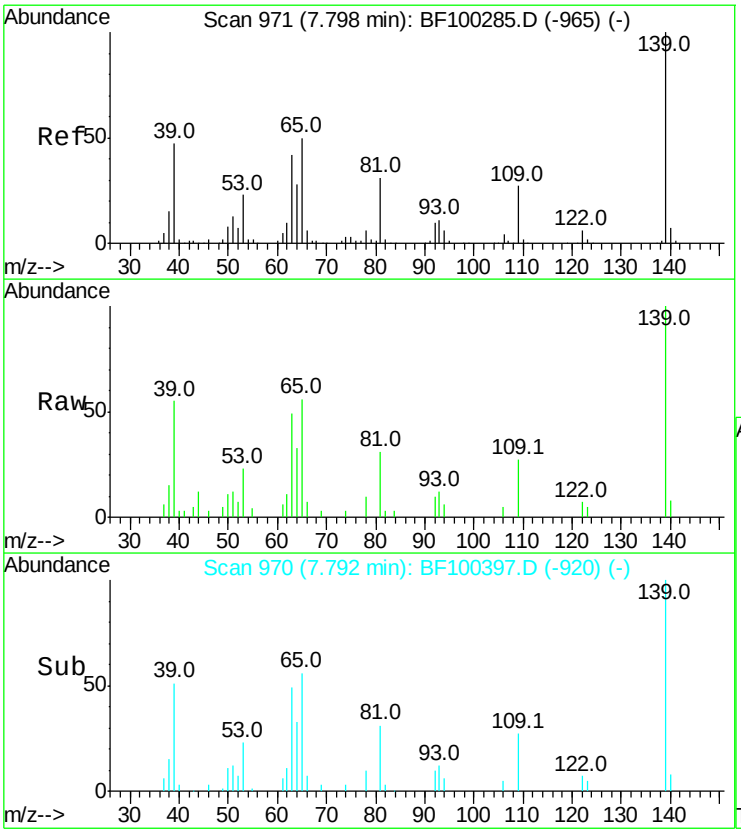
#25
Isophorone
Concen: 2.818 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 54317

Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.2	7.8
138	17.3	14.9	22.3

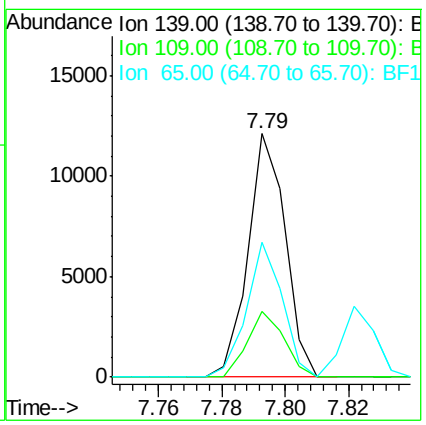


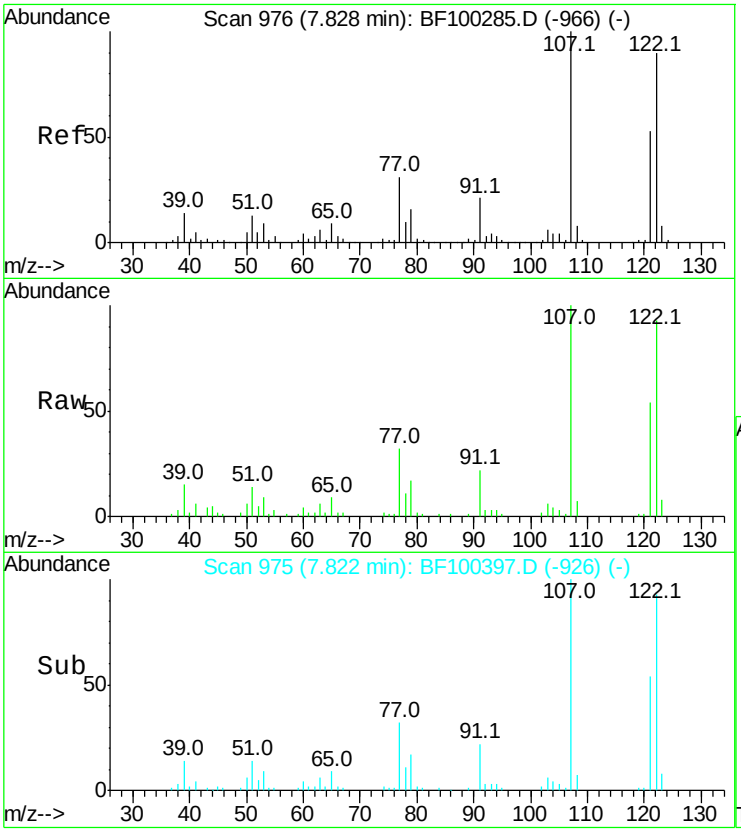


#26
2-Nitrophenol
Concen: 7.358 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:139 Resp: 9866

Ion	Ratio	Lower	Upper
139	100		
109	27.2	22.7	34.1
65	55.5	40.5	60.7



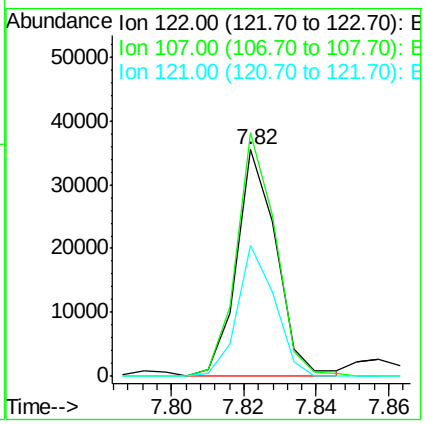


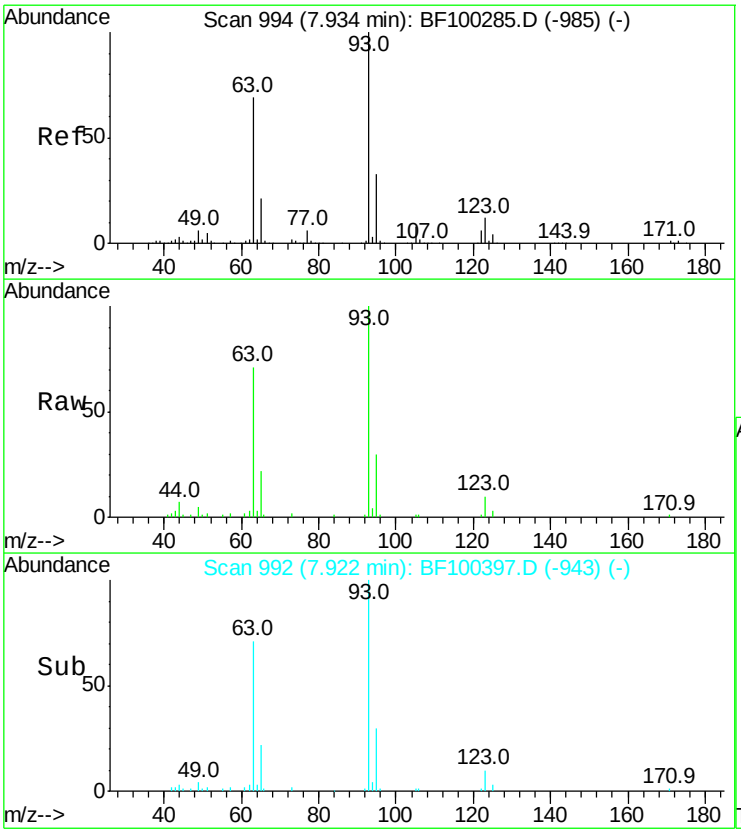
#27
2,4-Dimethylphenol
Concen: 3.132 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 27064

Ion	Ratio	Lower	Upper
122	100		
107	107.4	91.2	136.8
121	57.7	47.2	70.8

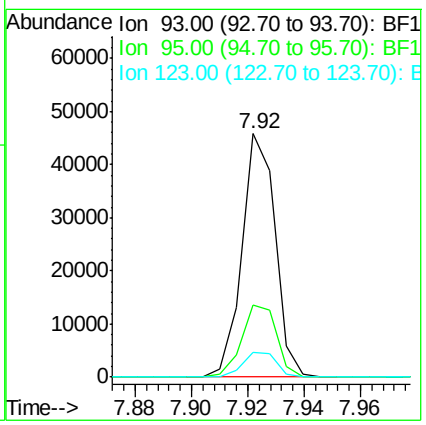


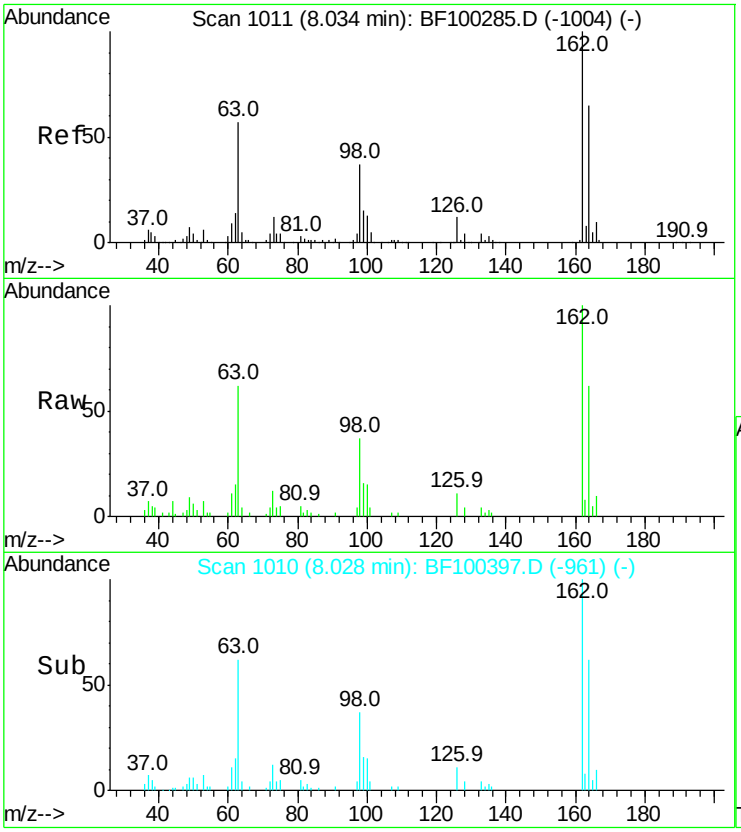


#28
bis(2-Chloroethoxy)methane
Concen: 2.954 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 93 Resp: 37248

Ion	Ratio	Lower	Upper
93	100		
95	29.5	26.3	39.5
123	10.2	9.8	14.6



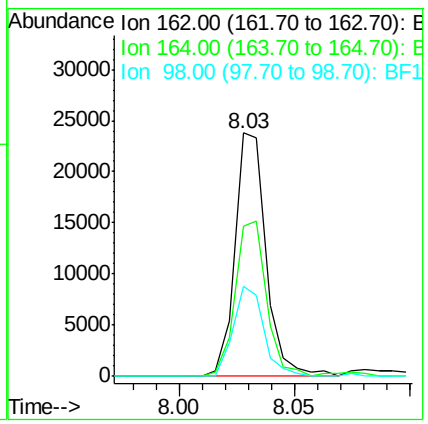


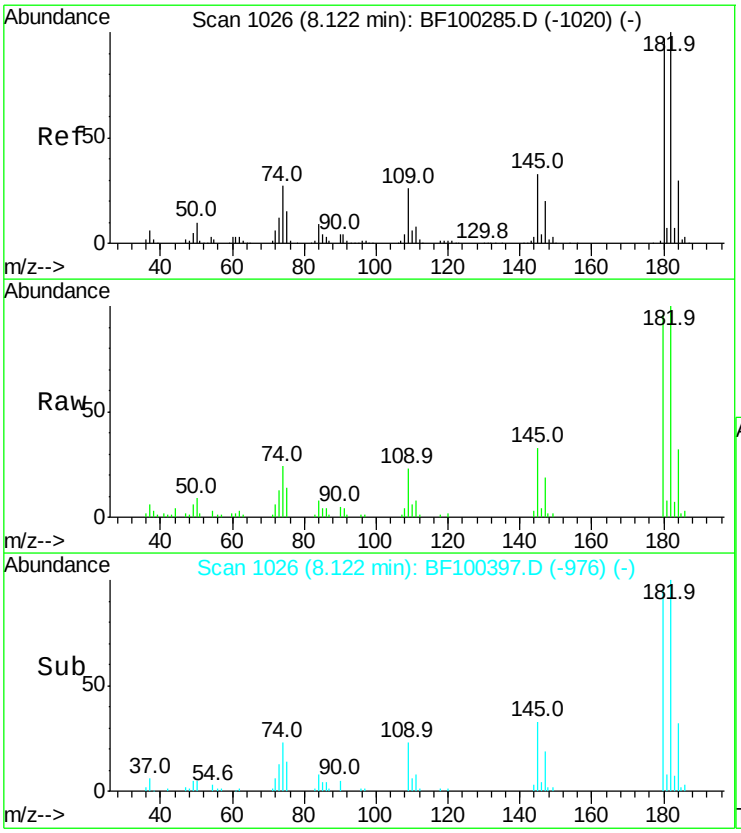
#29
2,4-Dichlorophenol
Concen: 2.723 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 22463

Ion	Ratio	Lower	Upper
162	100		
164	61.8	42.7	82.7
98	36.8	18.1	58.1

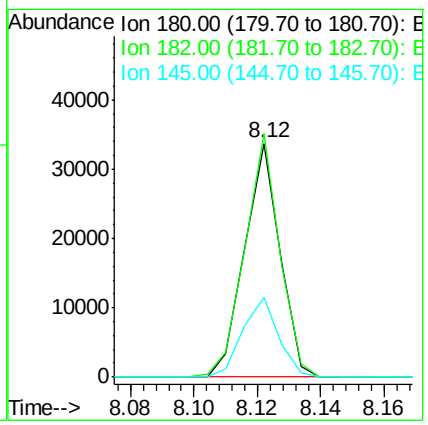


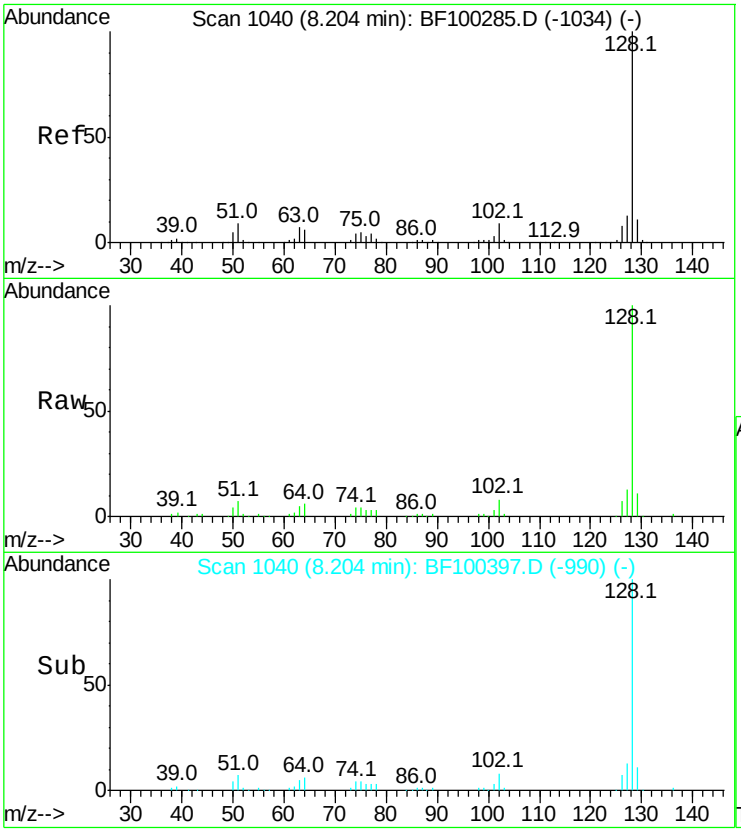


#30
1,2,4-Trichlorobenzene
Concen: 2.915 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:180 Resp: 26014

Ion	Ratio	Lower	Upper
180	100		
182	104.1	76.8	115.2
145	34.3	26.5	39.7



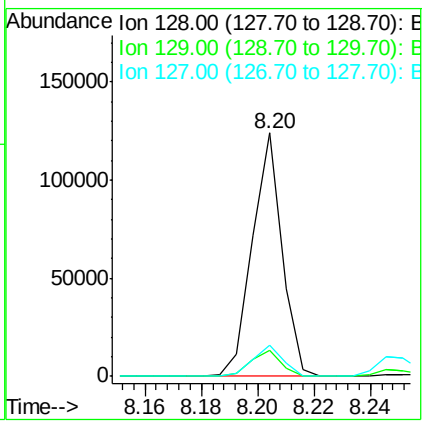


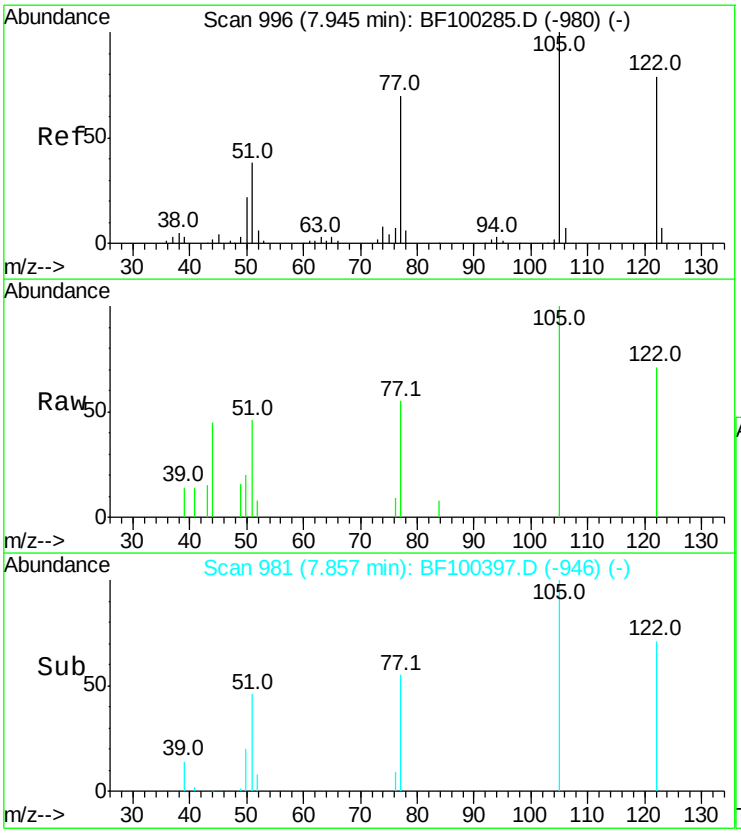
#31
Naphthalene
Concen: 3.097 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 90463

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.9	10.9	16.3

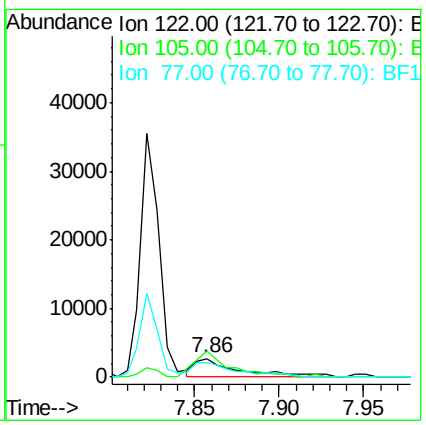


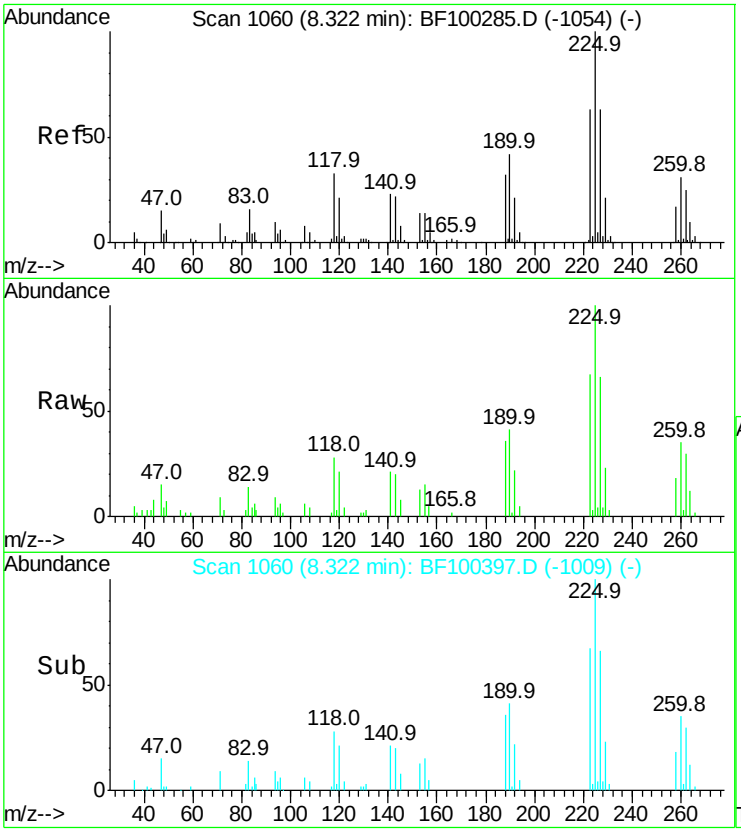


#32
Benzoic acid
Concen: 9.967 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.09 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:122 Resp: 4900

Ion	Ratio	Lower	Upper
122	100		
105	141.8	101.1	141.1#
77	78.7	70.7	110.7



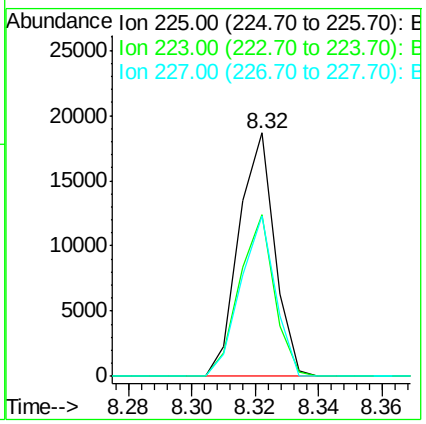


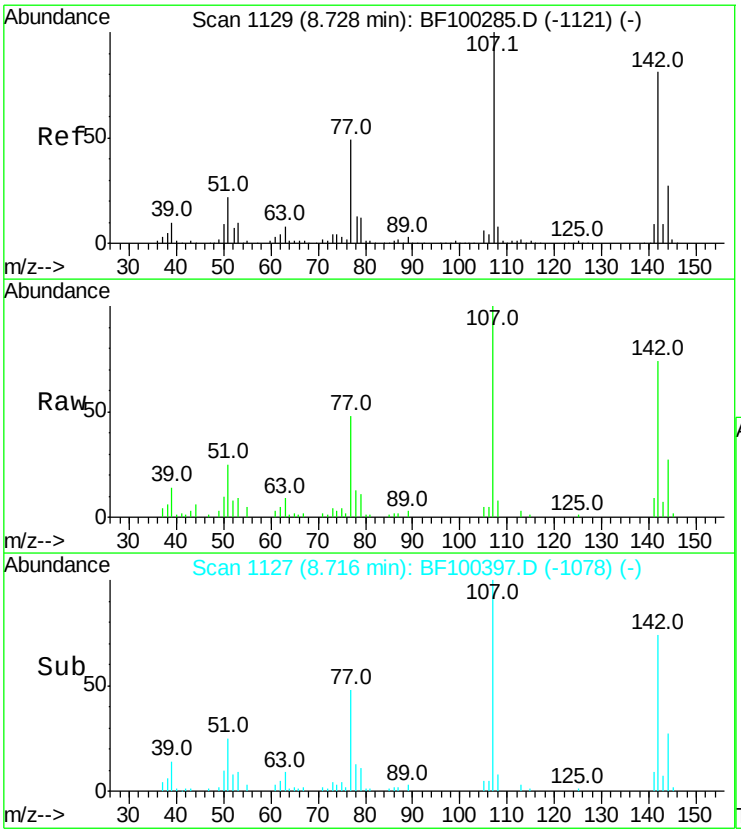
#34
Hexachlorobutadiene
Concen: 2.734 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 14502

Ion	Ratio	Lower	Upper
225	100		
223	66.5	50.6	76.0
227	65.7	51.9	77.9

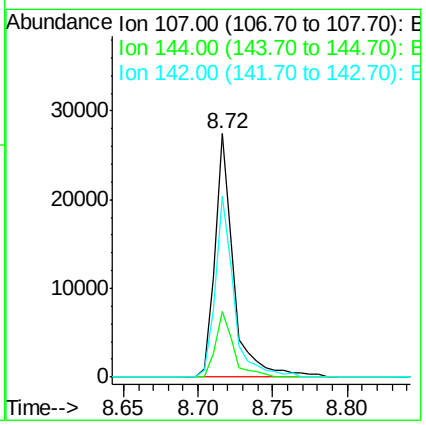


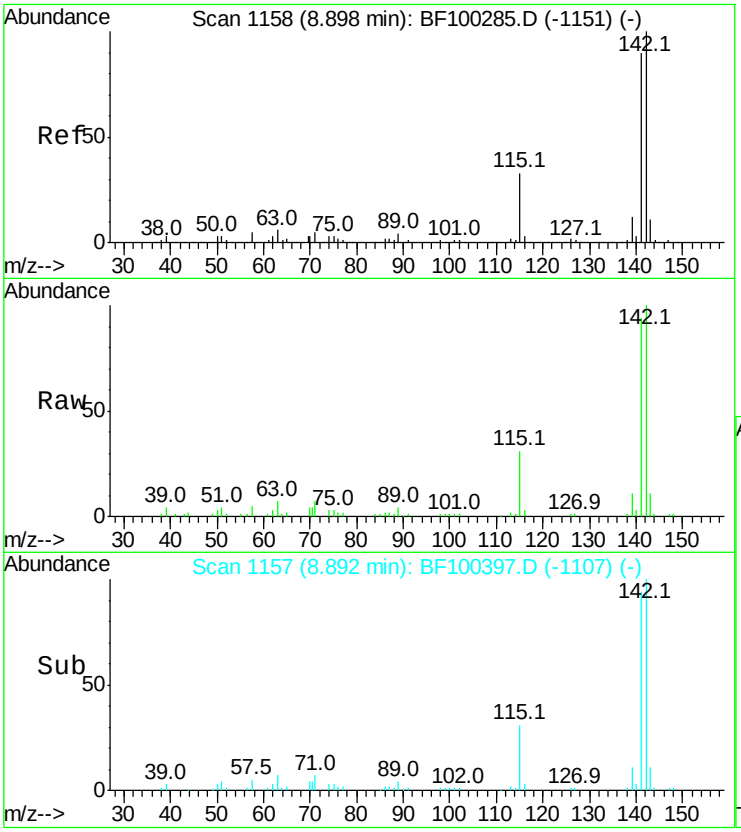


#36
4-Chloro-3-methylphenol
Concen: 2.686 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:107 Resp: 23795

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	74.5	62.0	93.0



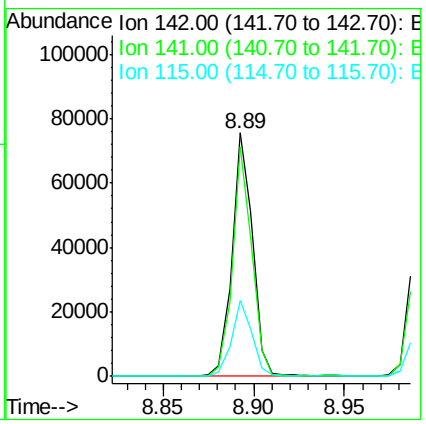


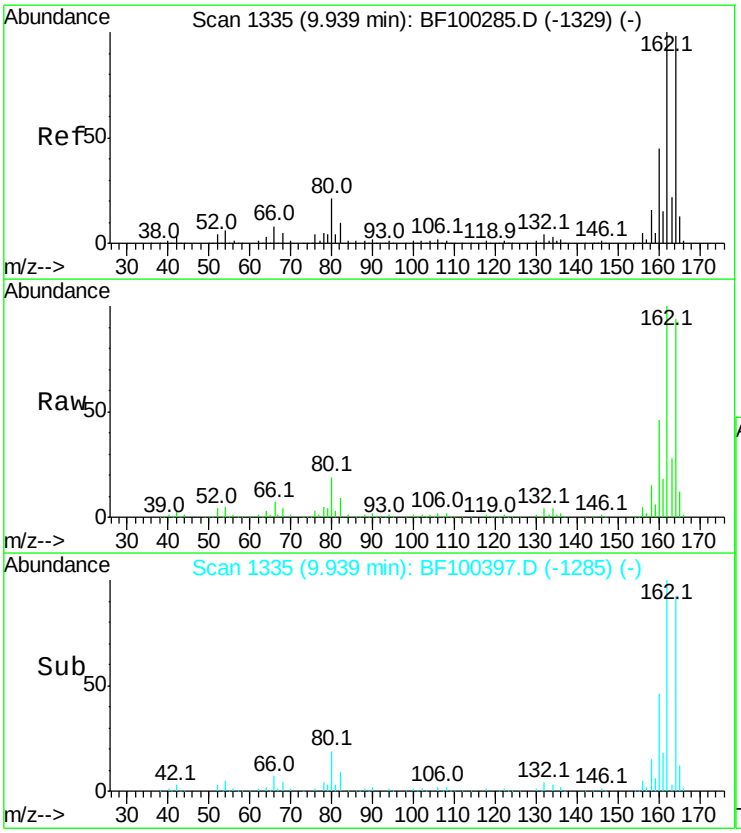
#37
2-Methylnaphthalene
Concen: 3.055 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 59249

Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.8	106.2
115	31.0	26.1	39.1

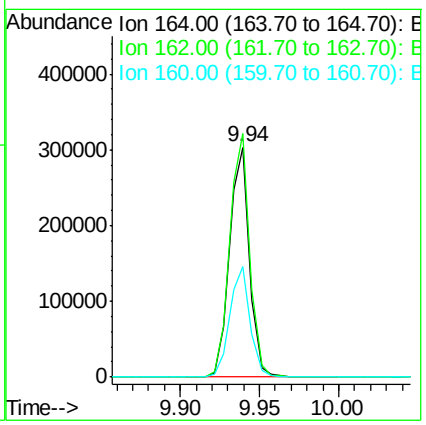


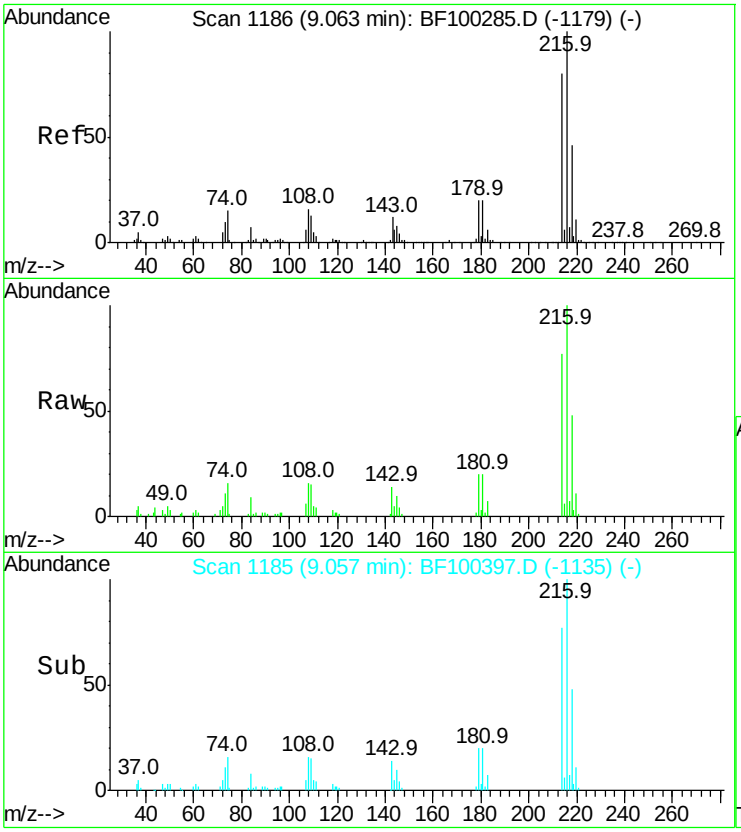


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:164 Resp: 263020

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.3	38.3	57.5



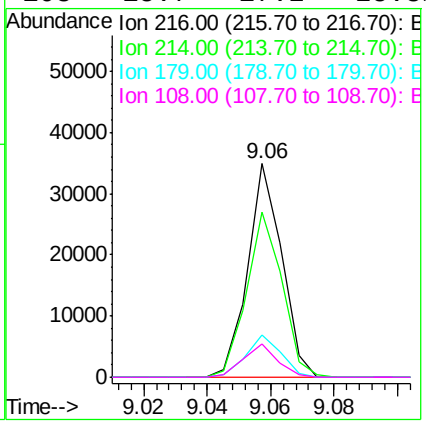


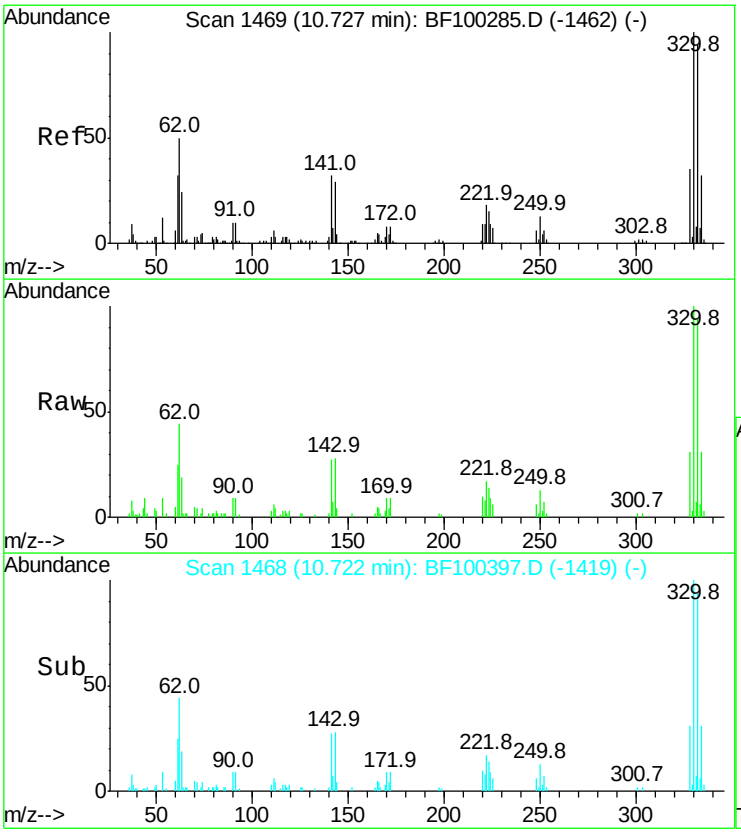
#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.982 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 26010

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	20.4	18.1	27.1
108	15.7	17.2	25.8#

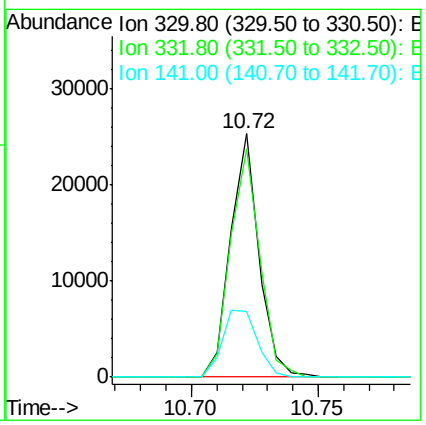


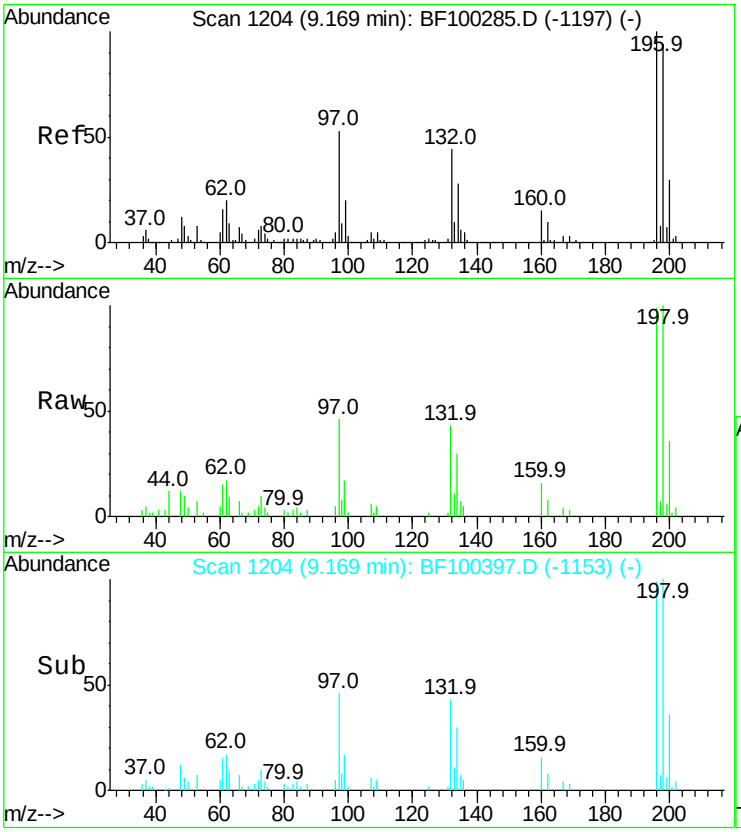


#41
2,4,6-Tribromophenol
Concen: 7.339 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:330 Resp: 19670

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.9	29.9	44.9



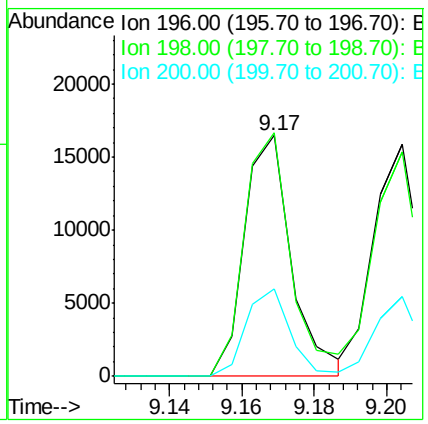


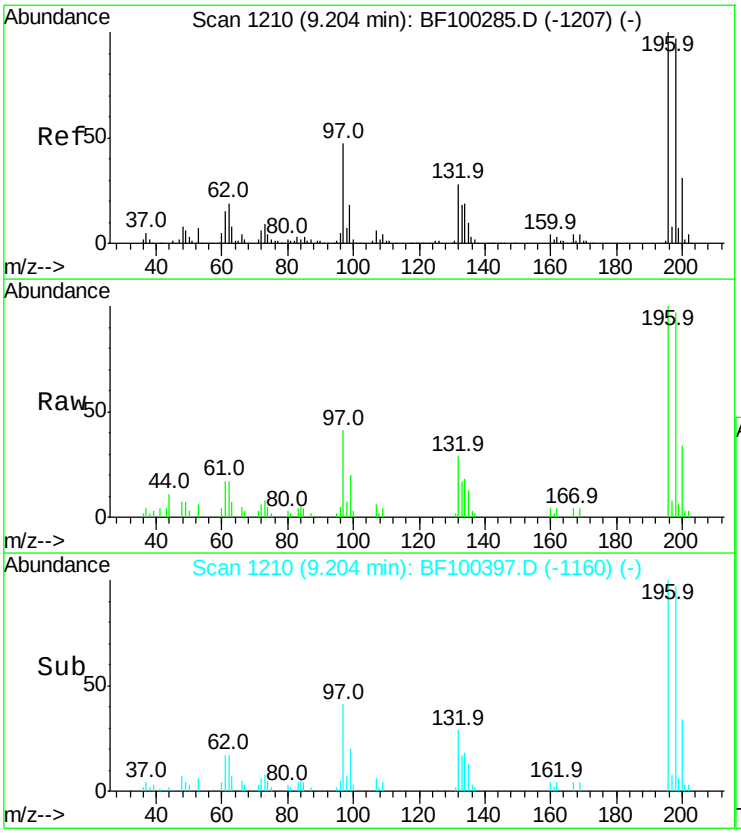
#42
2,4,6-Trichlorophenol
Concen: 2.696 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 14904

Ion	Ratio	Lower	Upper
196	100		
198	101.2	75.7	113.5
200	36.6	24.5	36.7

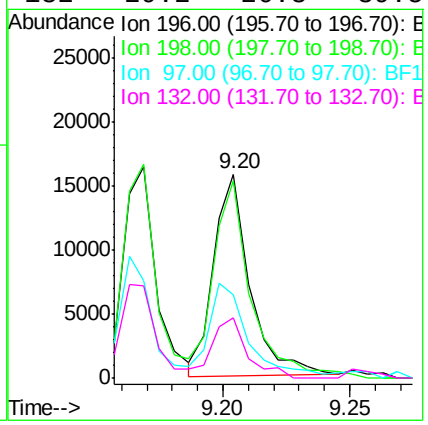


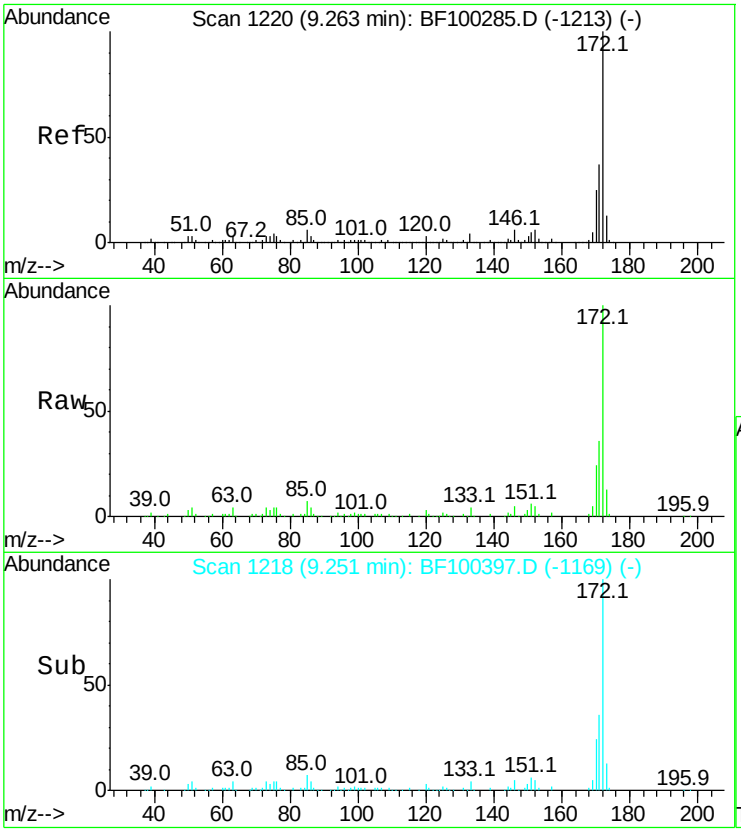


#43
2,4,5-Trichlorophenol
Concen: 2.720 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:196 Resp: 15578

Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.6	112.0
97	41.0	42.9	64.3#
132	29.2	26.3	39.5



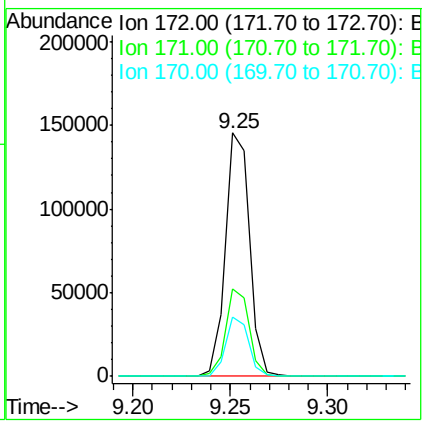


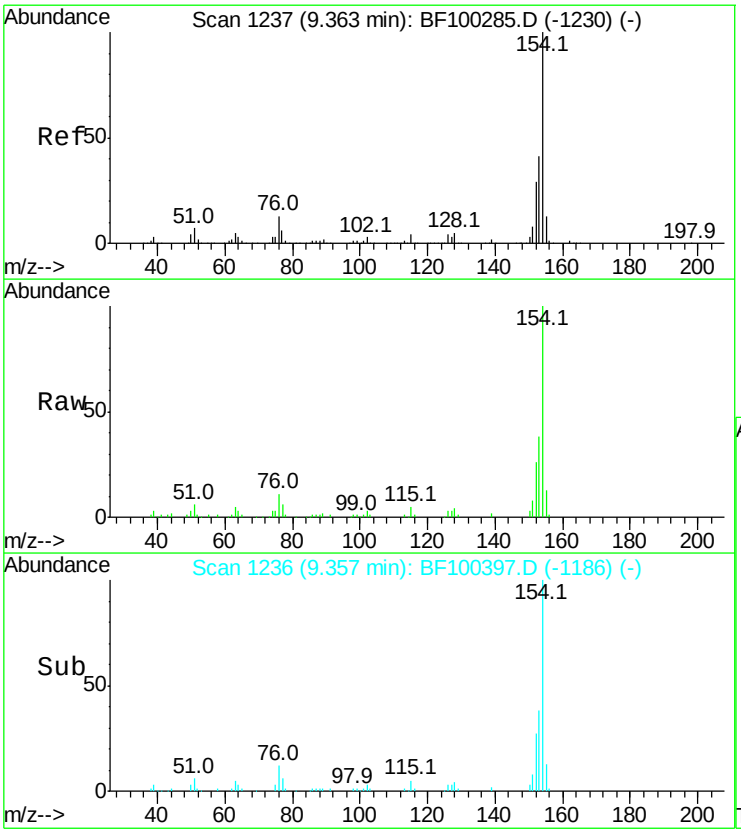
#44
2-Fluorobiphenyl
Concen: 7.236 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 124997

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

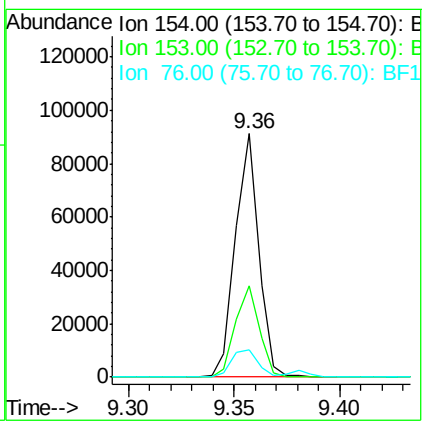


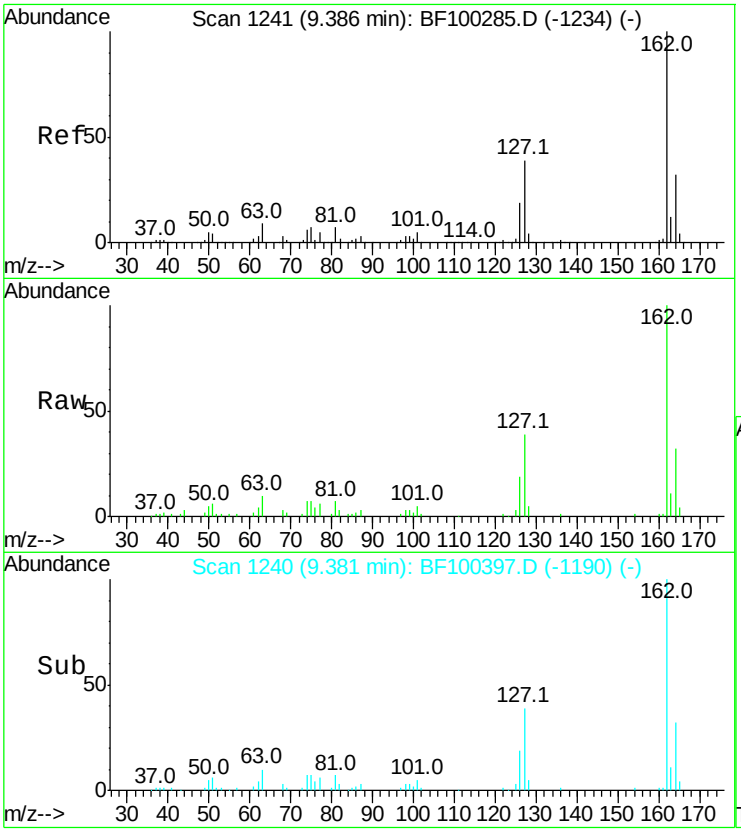


#45
1,1'-Biphenyl
Concen: 3.062 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:154 Resp: 69654

Ion	Ratio	Lower	Upper
154	100		
153	37.6	21.3	61.3
76	11.5	0.0	34.0



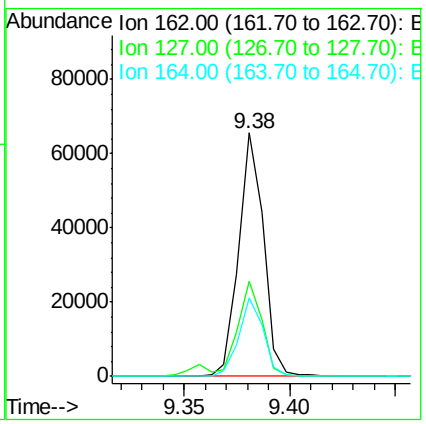


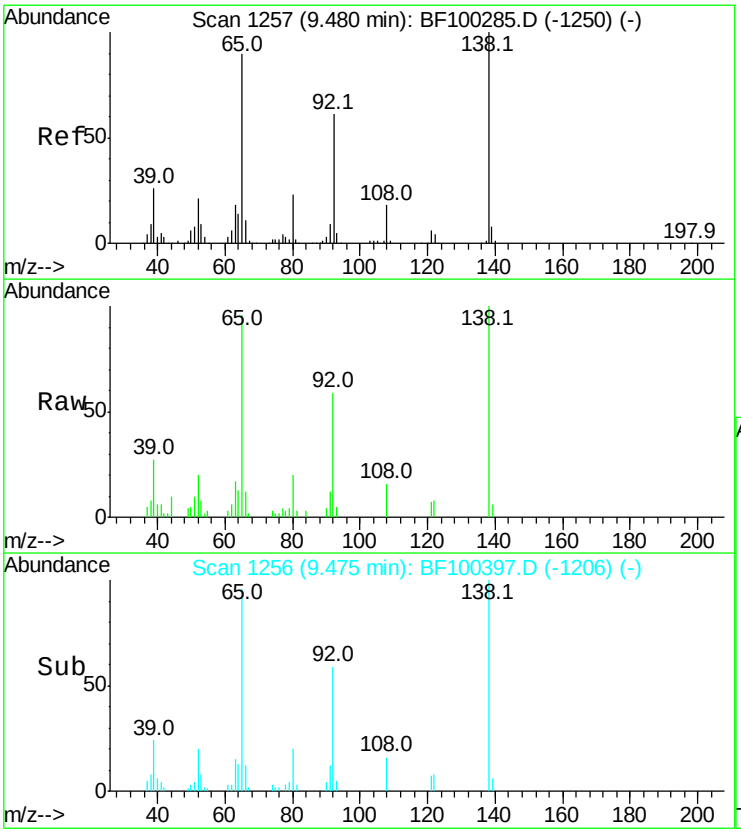
#46
2-Chloronaphthalene
Concen: 3.215 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 53054

Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	32.5	26.5	39.7

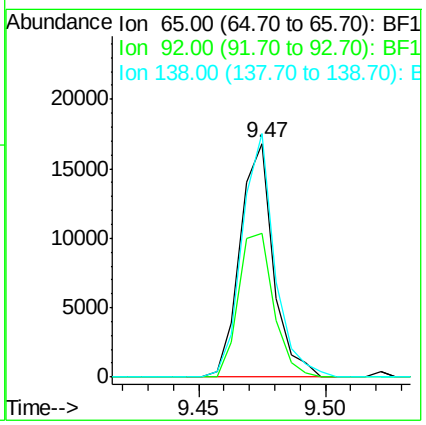


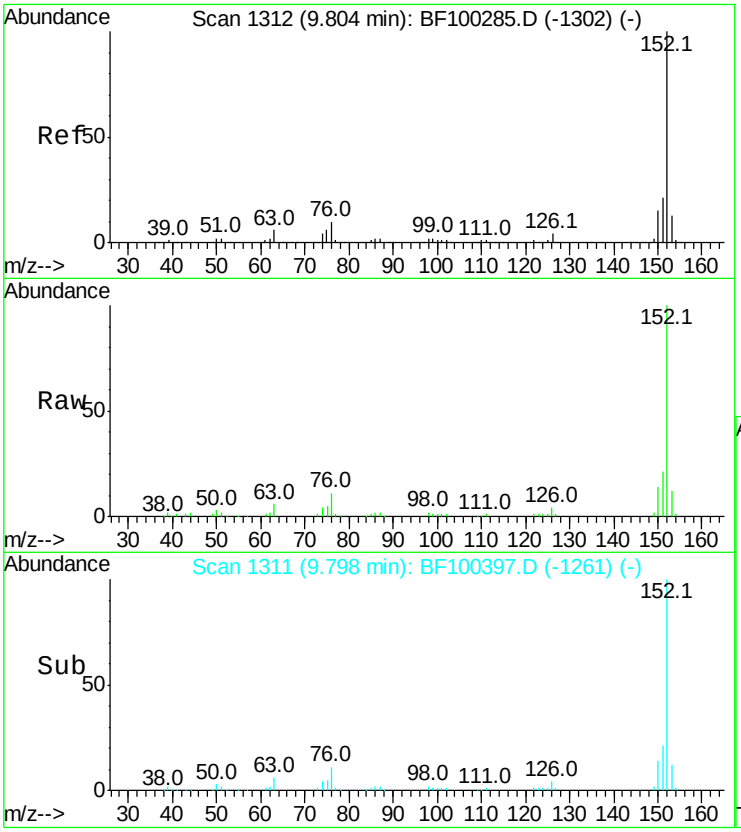


#47
2-Nitroaniline
Concen: 5.740 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 65 Resp: 15302

Ion	Ratio	Lower	Upper
65	100		
92	61.5	55.8	83.6
138	104.3	91.2	136.8



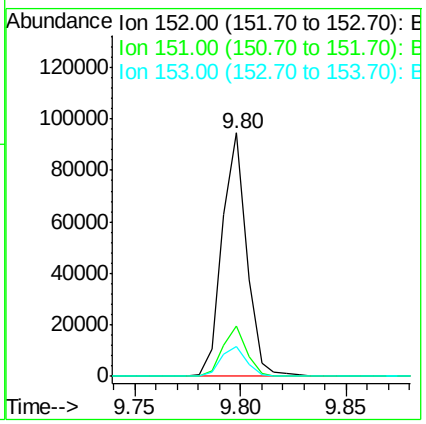


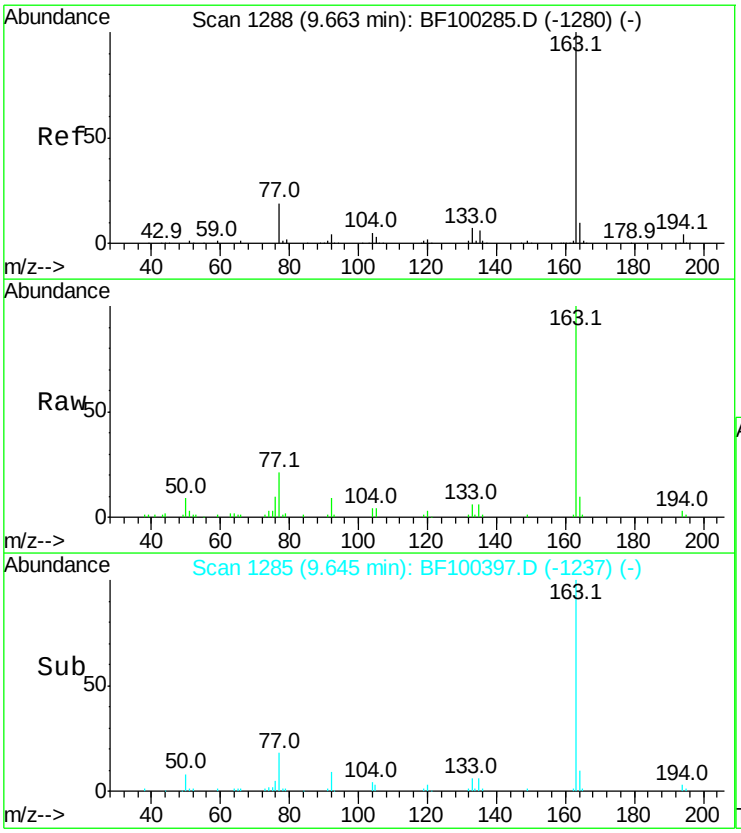
#48
Acenaphthylene
Concen: 2.779 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76003

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	12.3	10.7	16.1

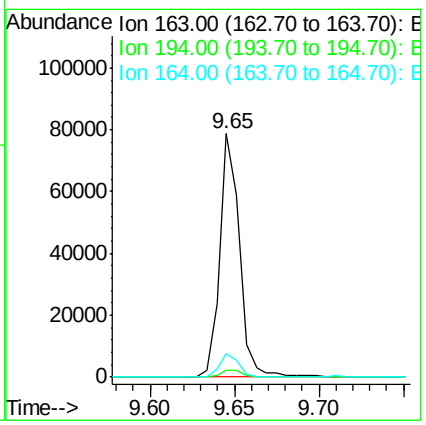


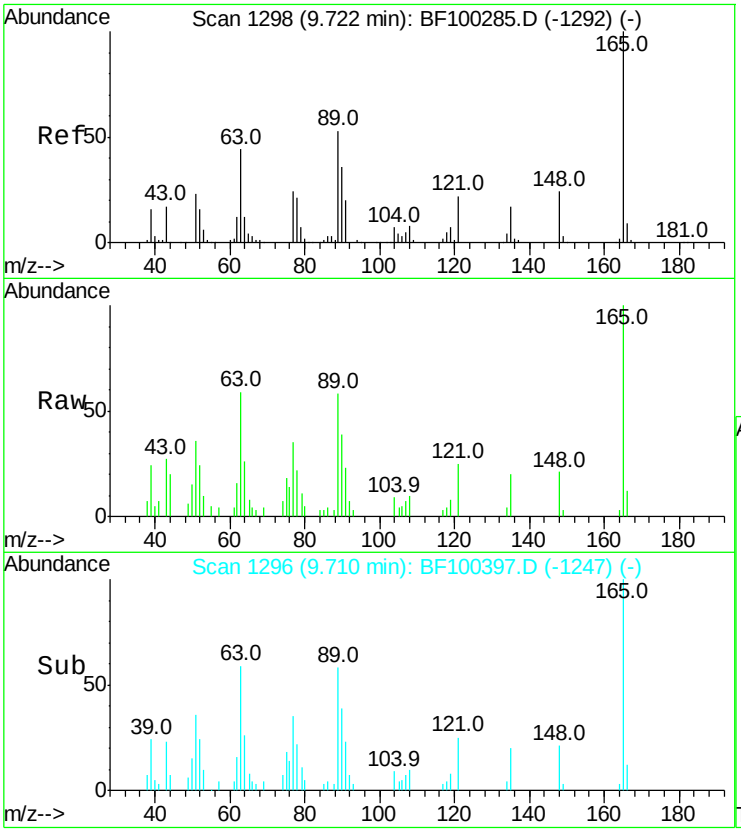


#49
Dimethylphthalate
Concen: 3.205 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:163 Resp: 64369

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.6	8.2	12.2



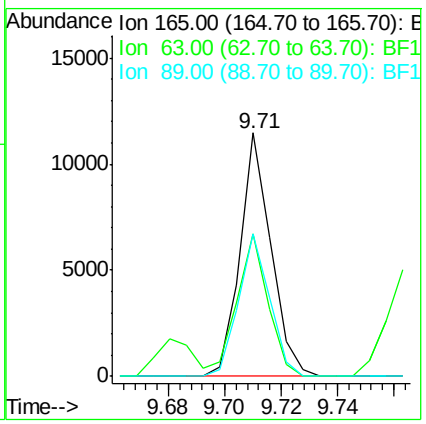


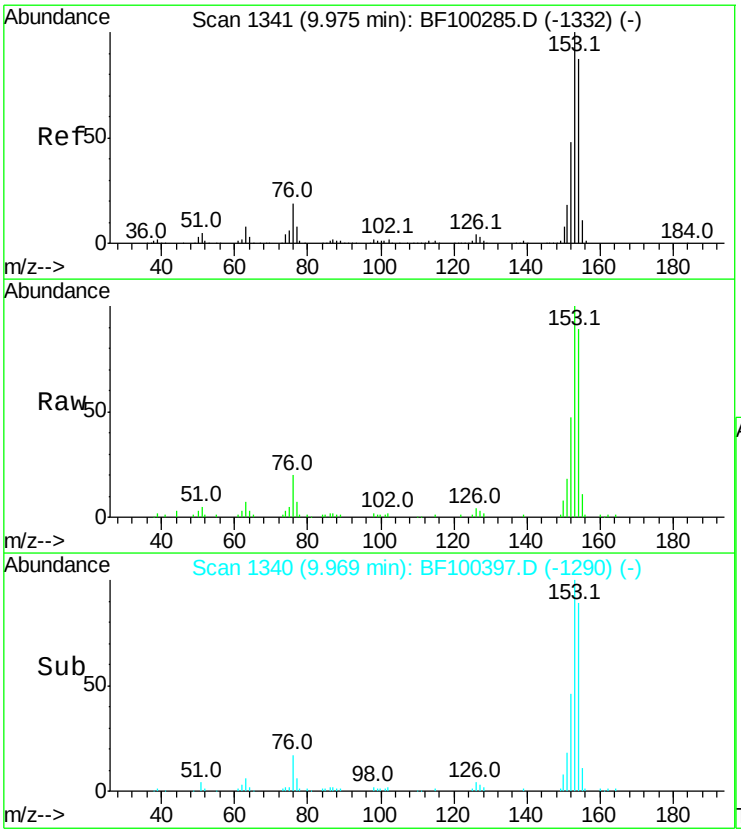
#50
2,6-Dinitrotoluene
Concen: 2.192 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8714

Ion	Ratio	Lower	Upper
165	100		
63	58.7	44.7	67.1
89	58.4	44.0	66.0

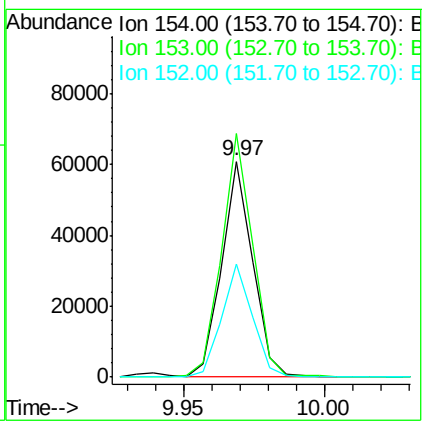


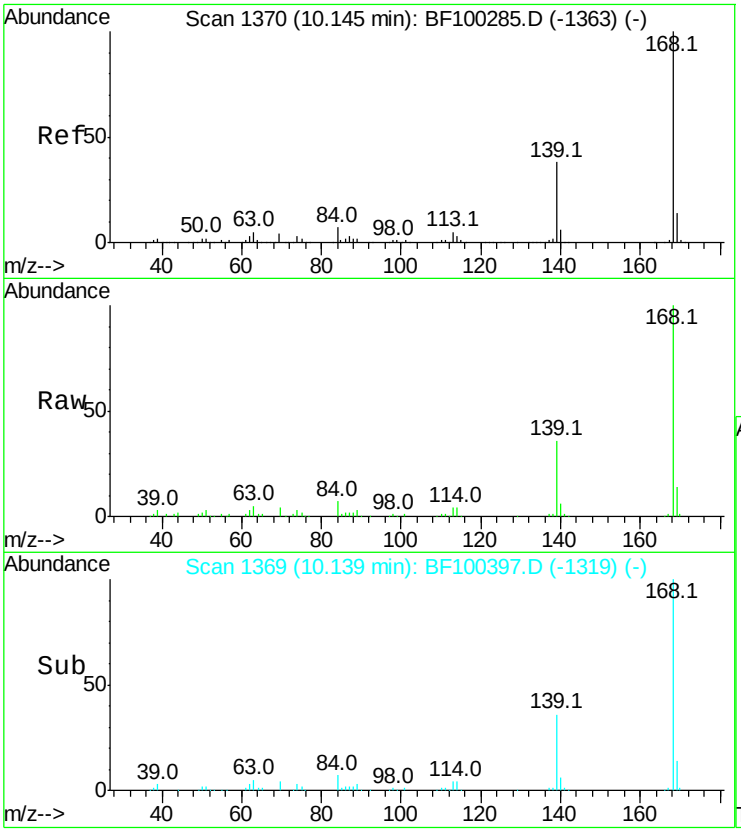


#51
Acenaphthene
Concen: 2.797 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:154 Resp: 46529

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	52.6	43.8	65.8



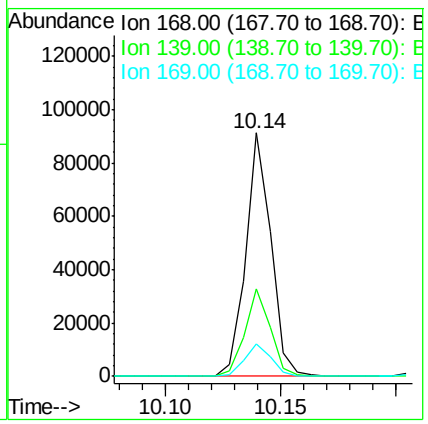


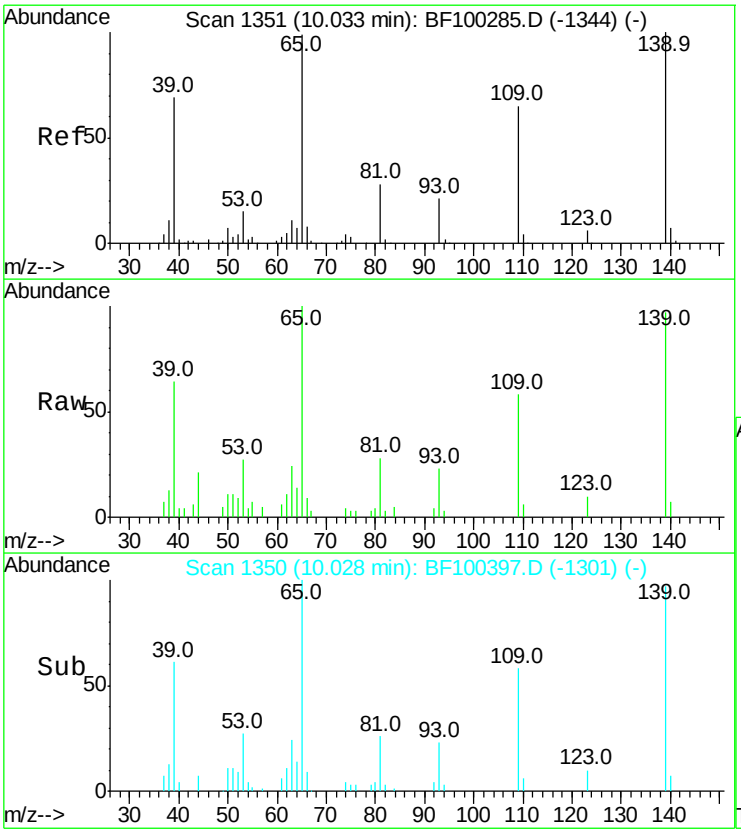
#54
Dibenzofuran
Concen: 2.984 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 69573

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	13.6	10.9	16.3

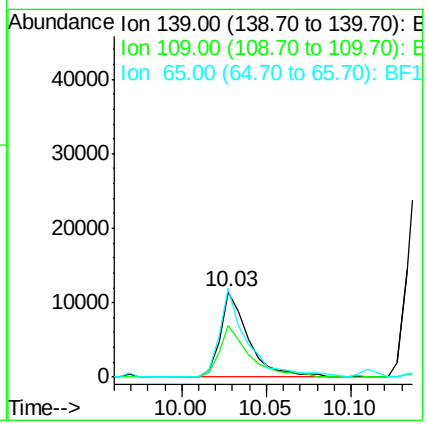


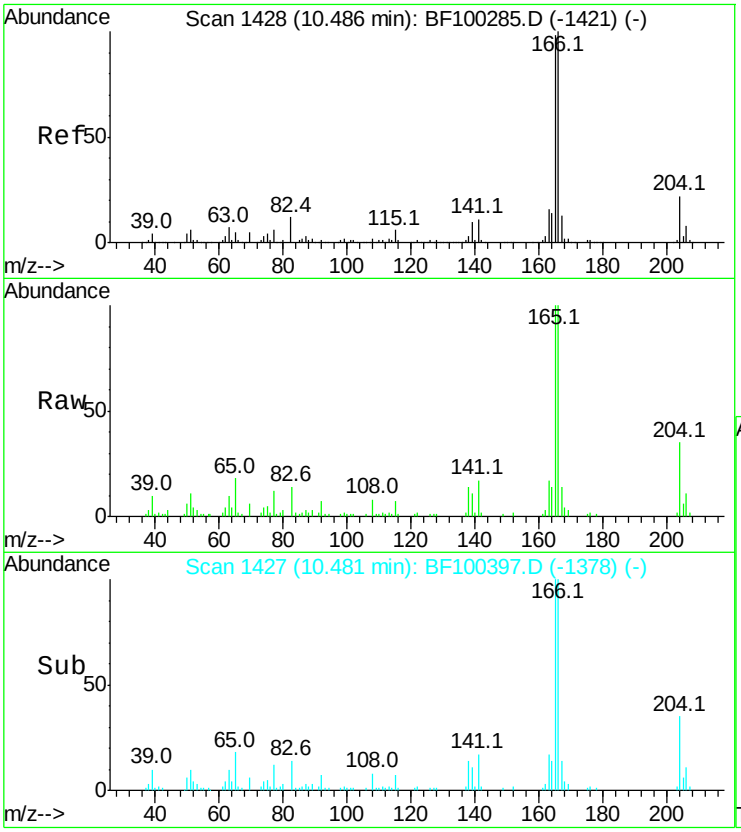


#55
4-Nitrophenol
Concen: 3.486 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:139 Resp: 13287

Ion	Ratio	Lower	Upper
139	100		
109	59.9	48.4	88.4
65	103.3	72.6	112.6



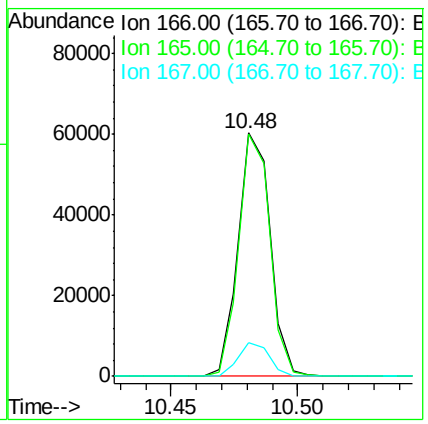


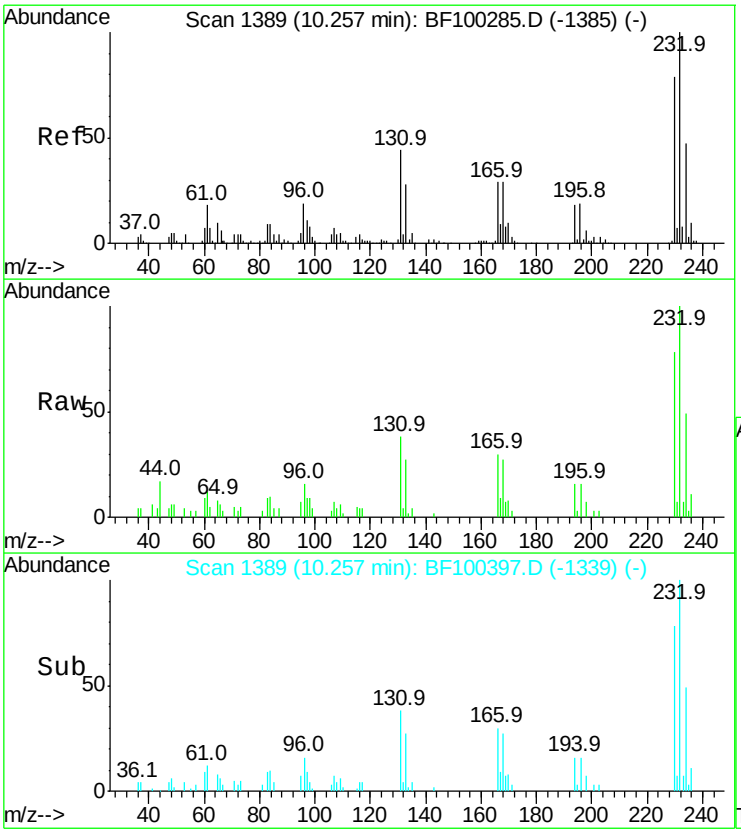
#57
Fluorene
Concen: 3.121 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 53306

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	14.0	10.6	16.0

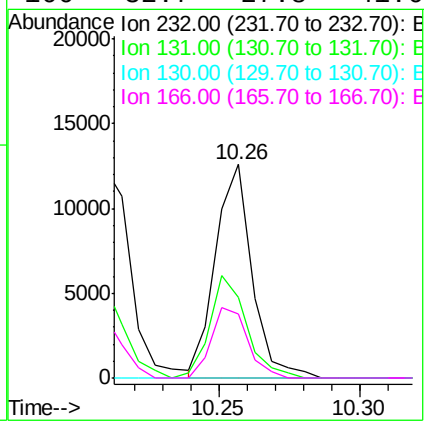


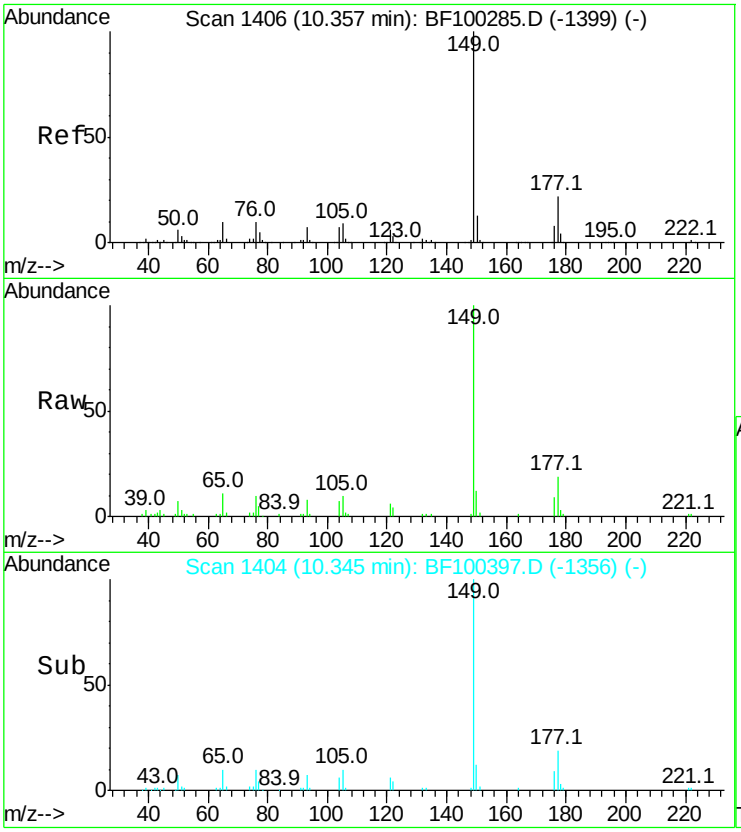


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.429 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:232 Resp: 11404

Ion	Ratio	Lower	Upper
232	100		
131	48.0	43.8	65.8
130	0.0	2.1	3.1#
166	32.7	27.8	41.6



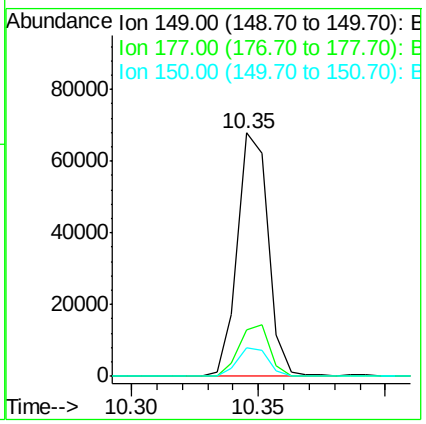


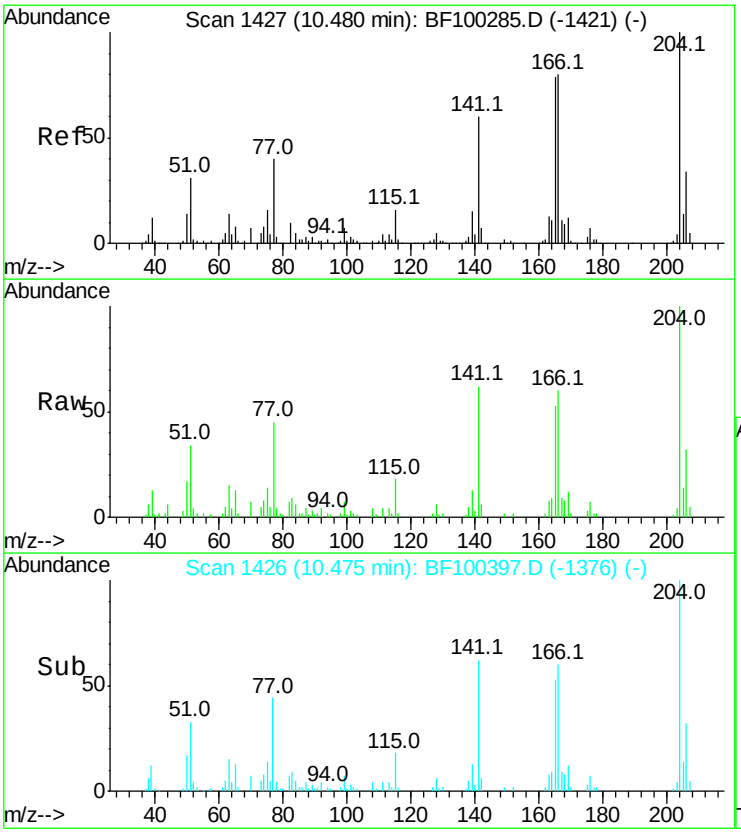
#59
Diethylphthalate
Concen: 2.842 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 57109

Ion	Ratio	Lower	Upper
149	100		
177	19.2	16.1	24.1
150	11.6	10.1	15.1

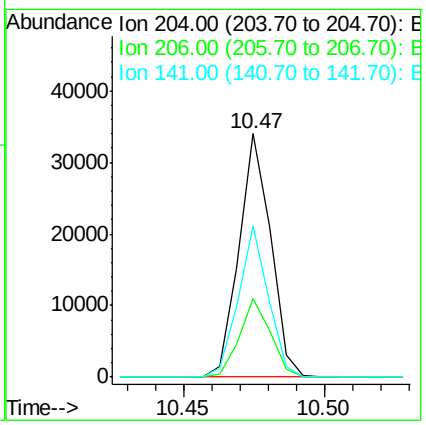


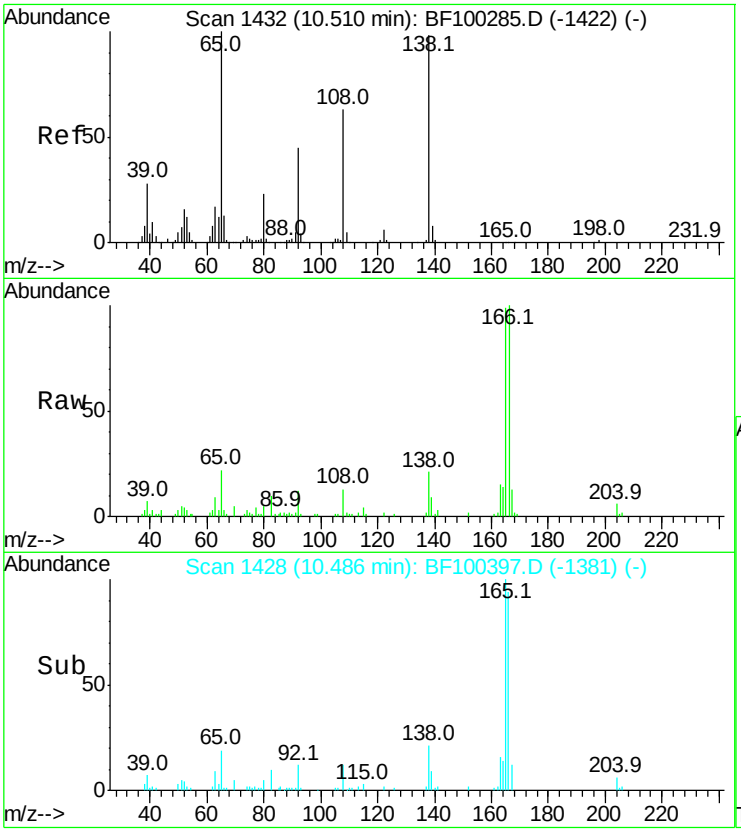


#60
4-Chlorophenyl-phenylether
Concen: 3.158 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:204 Resp: 26458

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	62.1	54.6	81.8



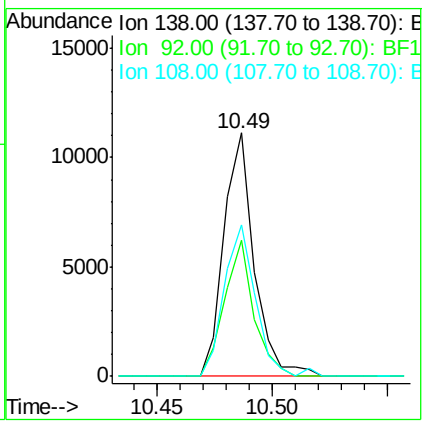


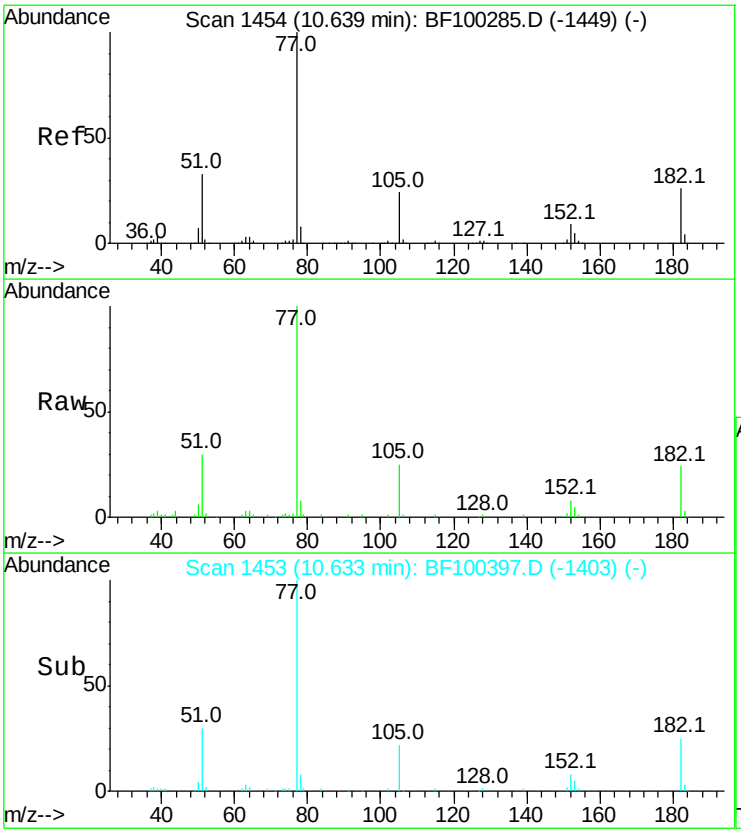
#61
4-Nitroaniline
Concen: 2.277 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 10136

Ion	Ratio	Lower	Upper
138	100		
92	55.6	30.2	70.2
108	62.3	52.5	92.5

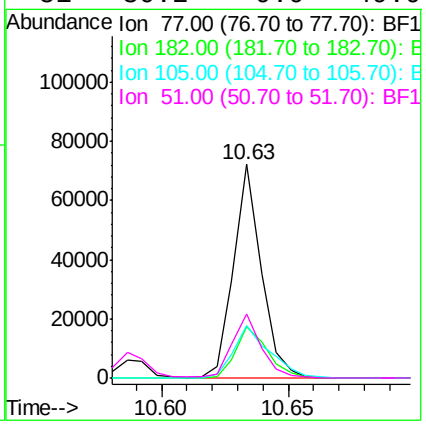


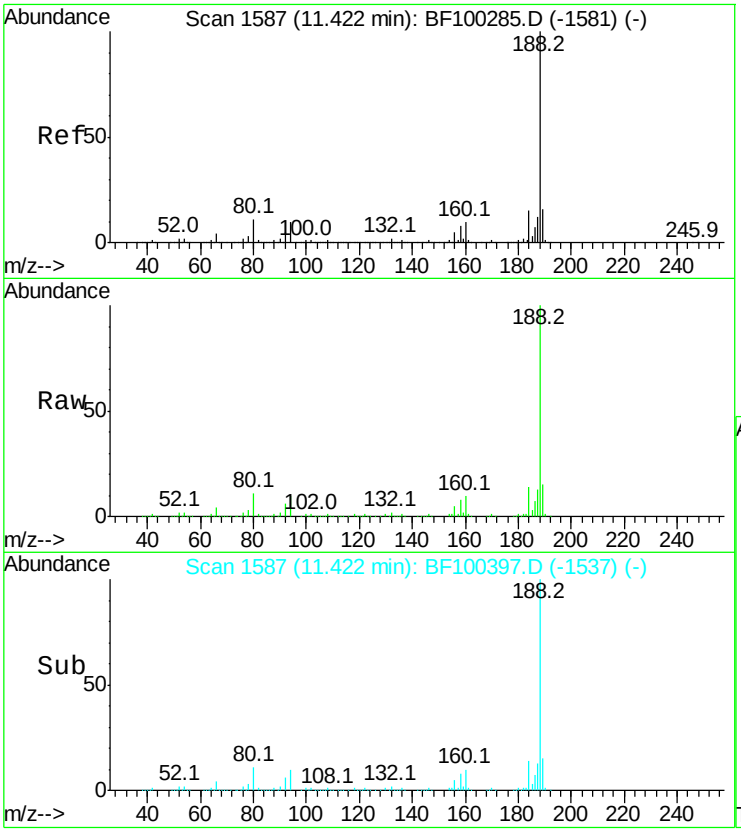


#62
Azobenzene
Concen: 2.907 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion: 77 Resp: 55029

Ion	Ratio	Lower	Upper
77	100		
182	24.1	1.7	41.7
105	24.8	3.0	43.0
51	30.2	9.9	49.9



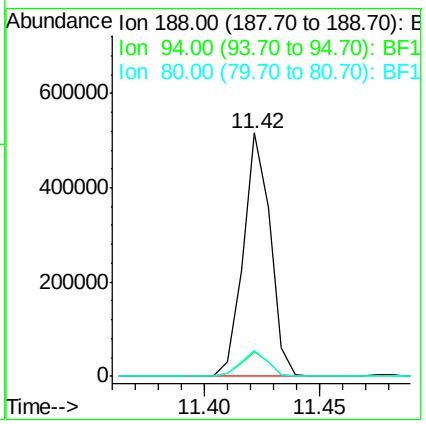


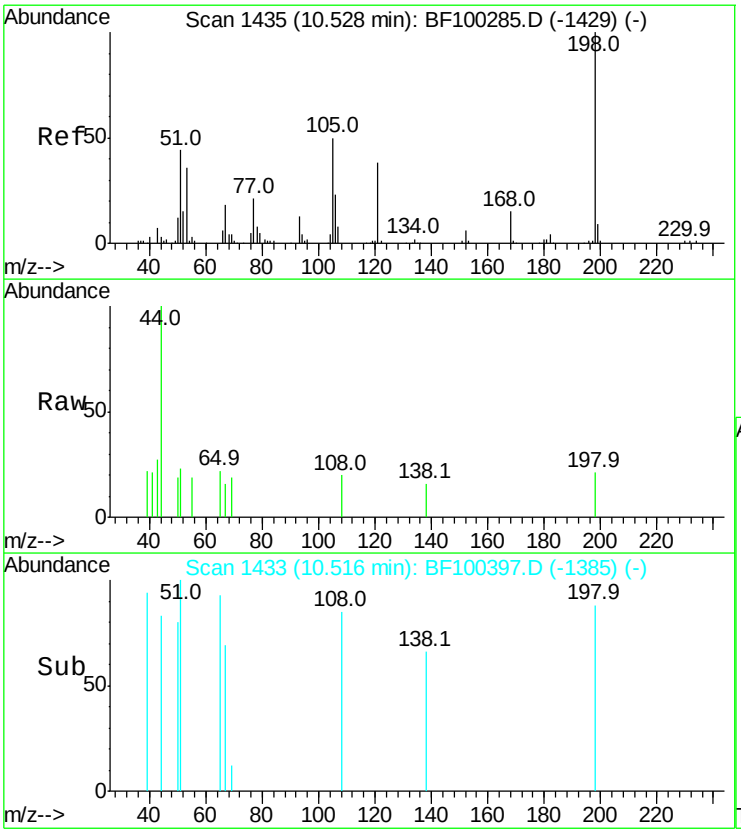
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 424126

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

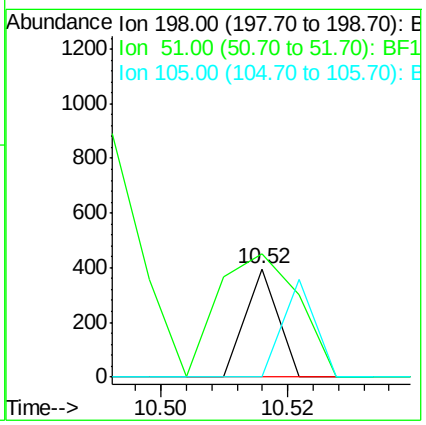


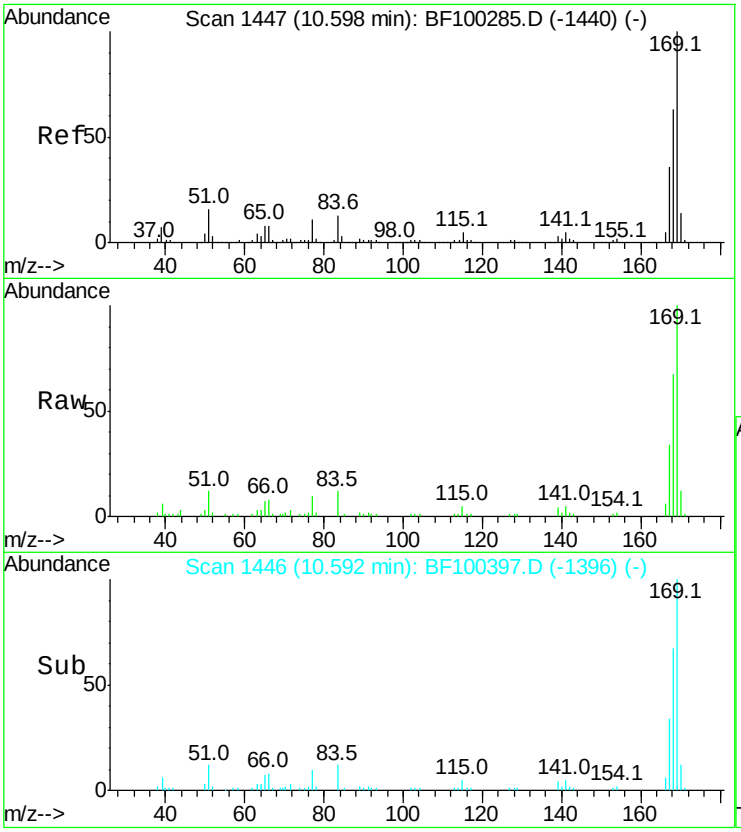


#64
4,6-Dinitro-2-methylphenol
Concen: 8.624 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
51	114.1	37.7	77.7#
105	0.0	36.3	76.3#



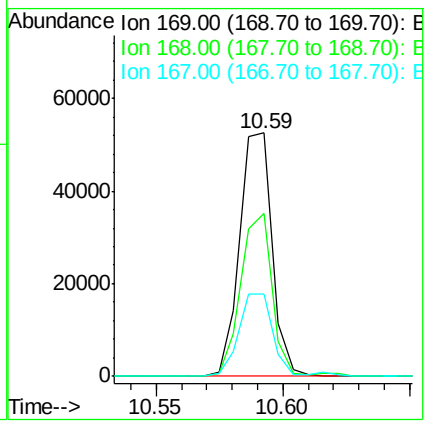


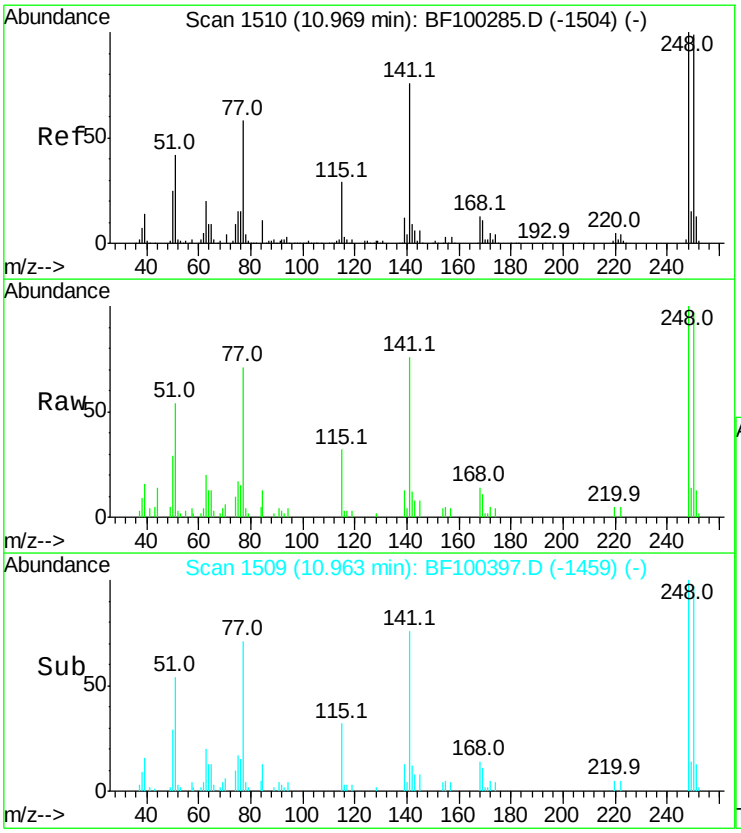
#65
n-Nitrosodiphenylamine
Concen: 3.172 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 46777

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.4	81.6
167	34.0	29.8	44.6

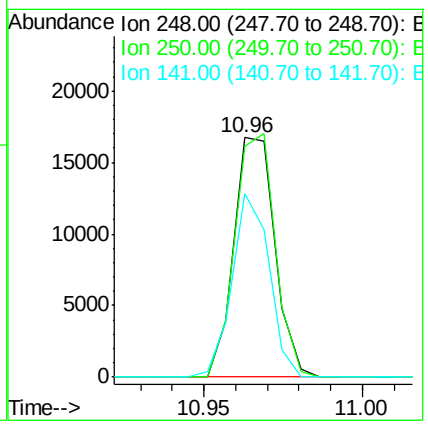


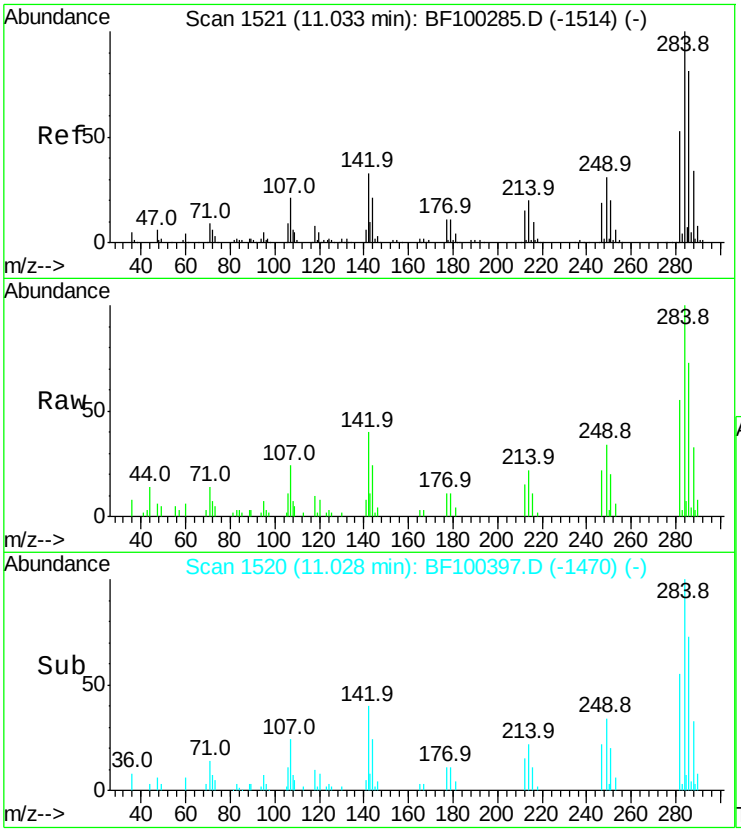


#66
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:248 Resp: 14975

Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	76.5	74.4	111.6



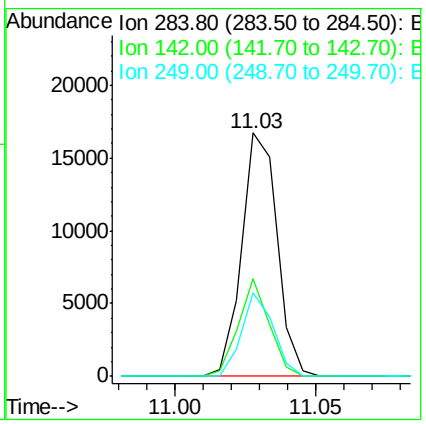


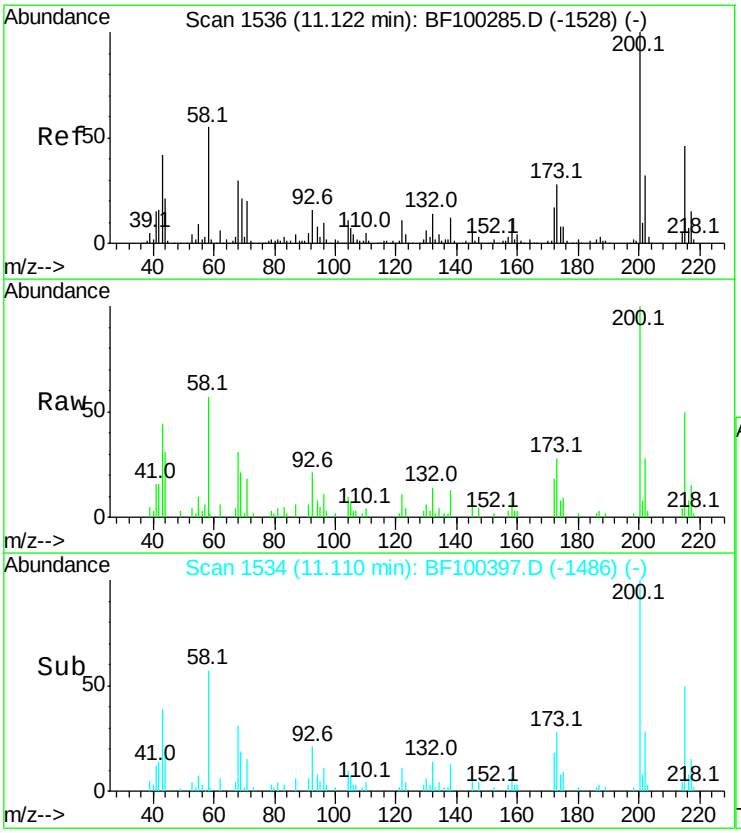
#67
Hexachlorobenzene
Concen: 3.062 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 14558

Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.6	52.0
249	34.5	24.8	37.2

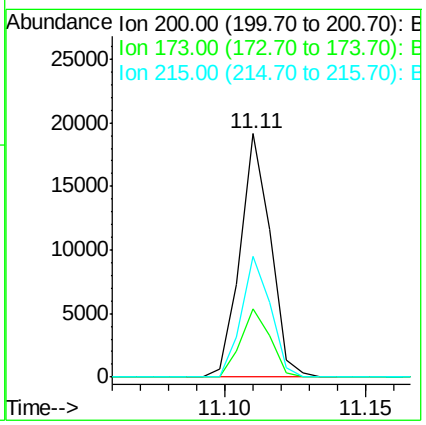


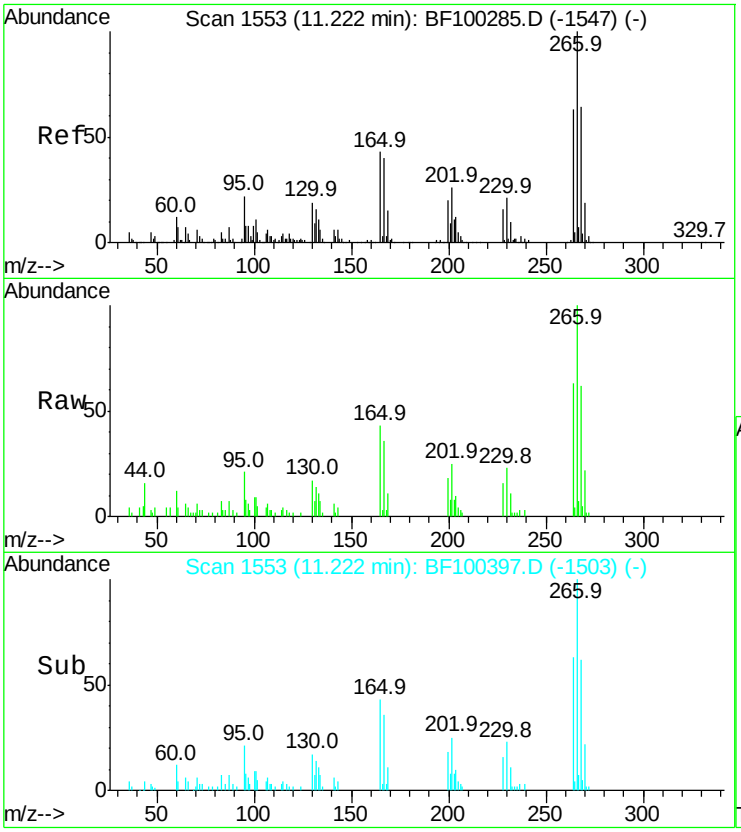


#68
Atrazine
Concen: 3.185 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:200 Resp: 14217

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	49.6	25.1	65.1



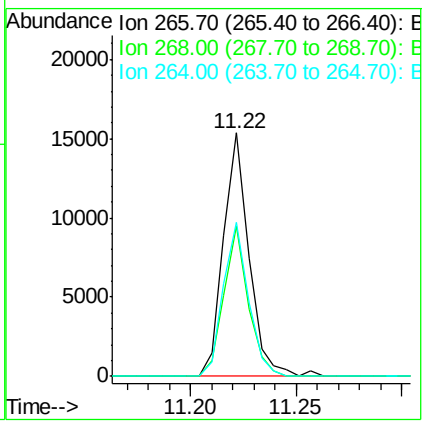


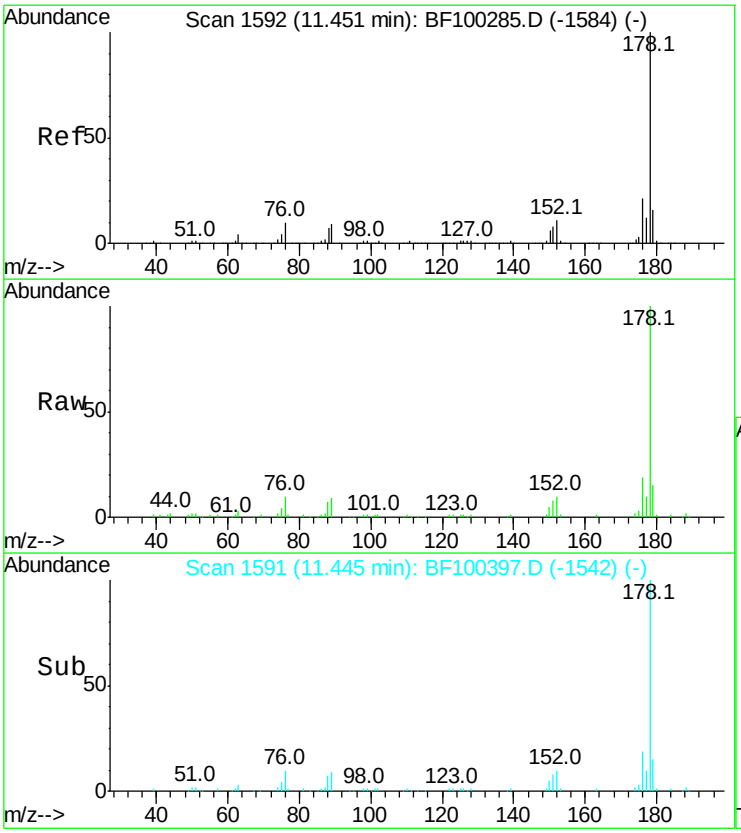
#69
Pentachlorophenol
Concen: 3.764 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 12833

Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	67.5	49.5	74.3

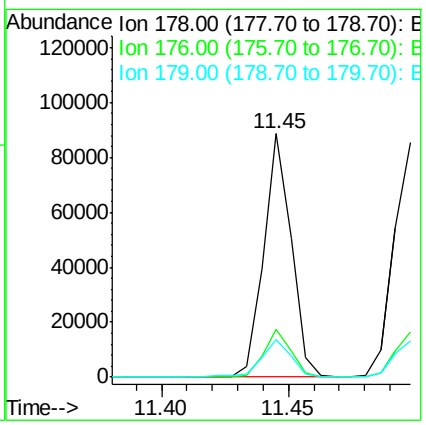


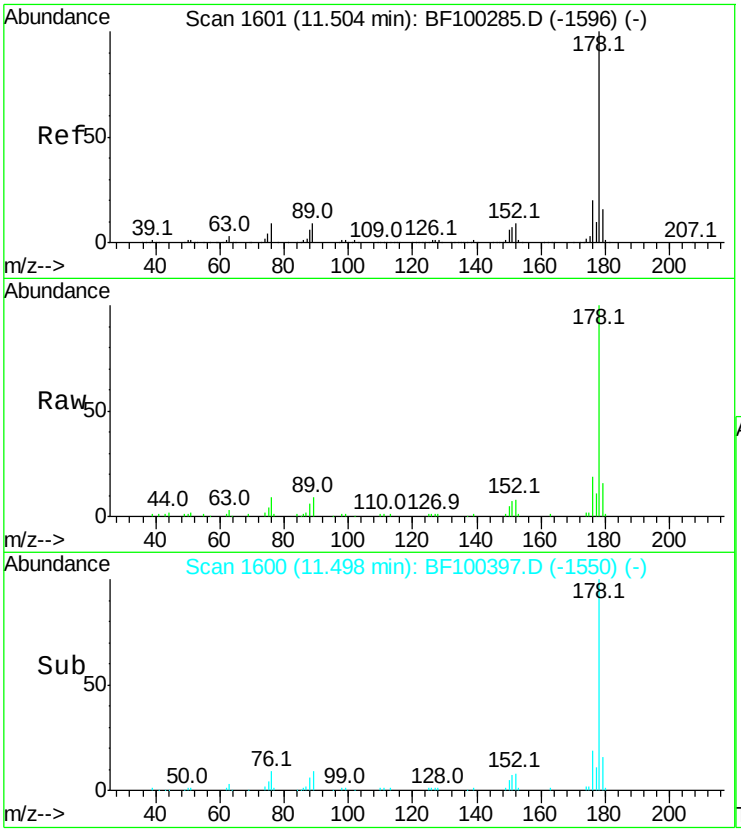


#70
Phenanthrene
Concen: 3.008 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:178 Resp: 67177

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6



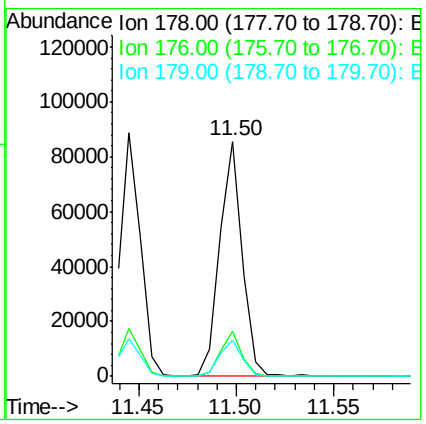


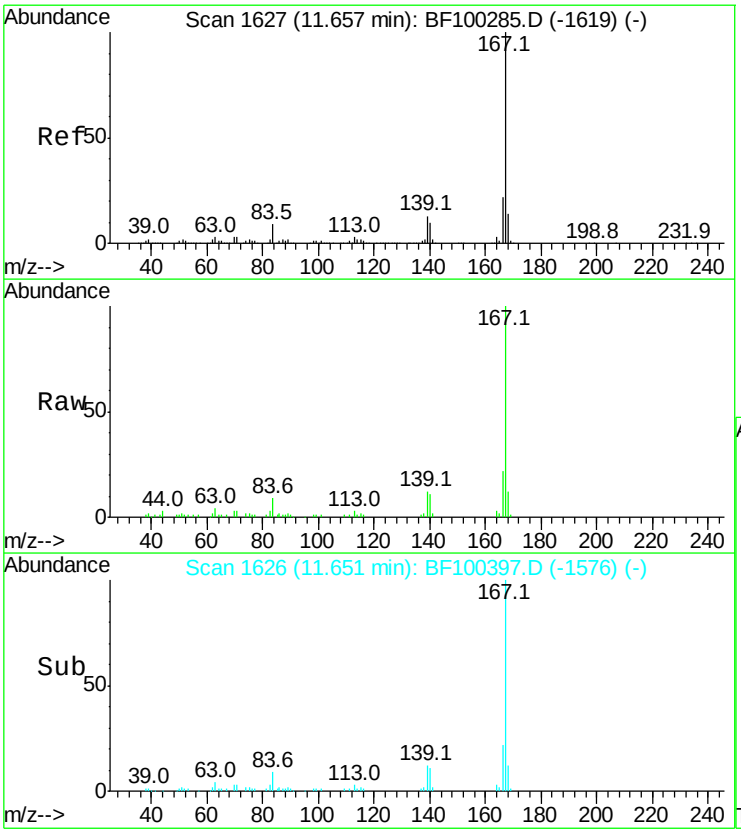
#71
Anthracene
Concen: 3.038 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 68819

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0

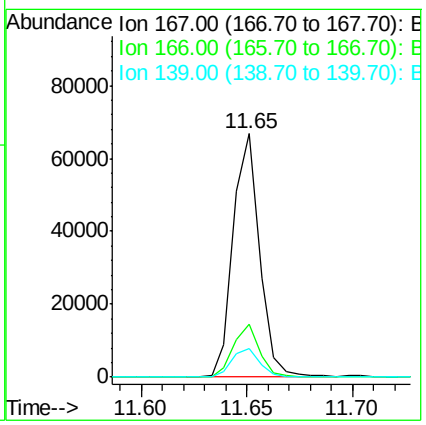


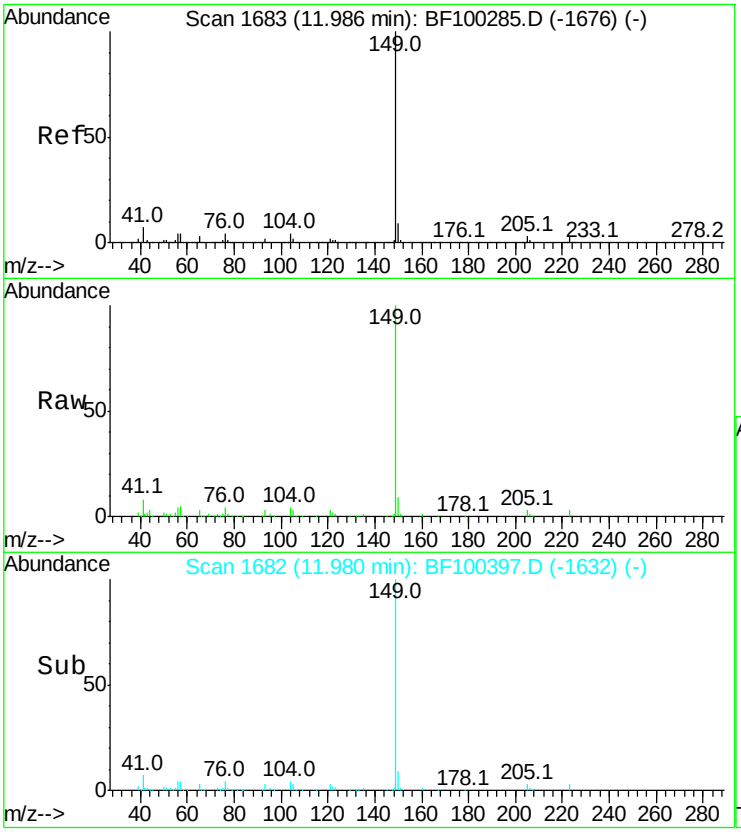


#72
Carbazole
Concen: 2.751 ng
RT: 11.65 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:167 Resp: 57515

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	11.6	10.9	16.3



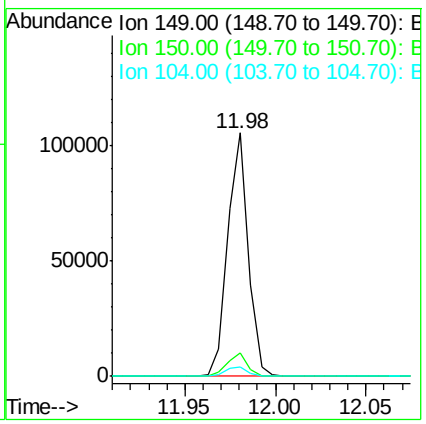


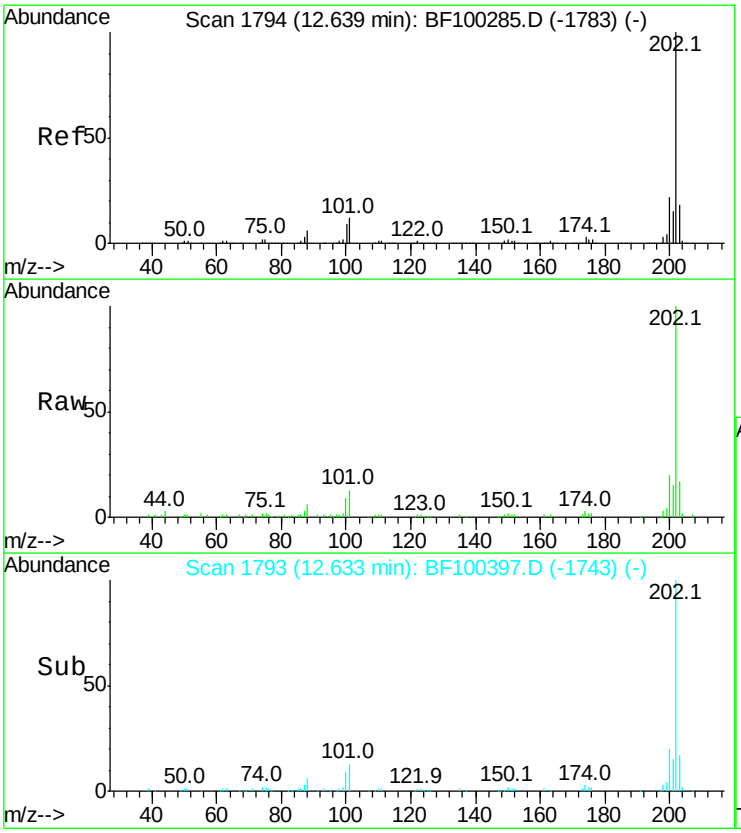
#73
Di-n-butylphthalate
Concen: 3.402 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 83234

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	3.9	3.8	5.8

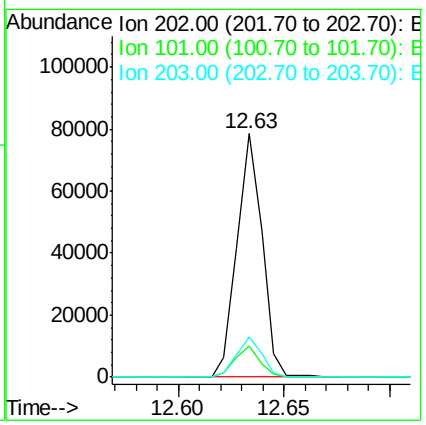


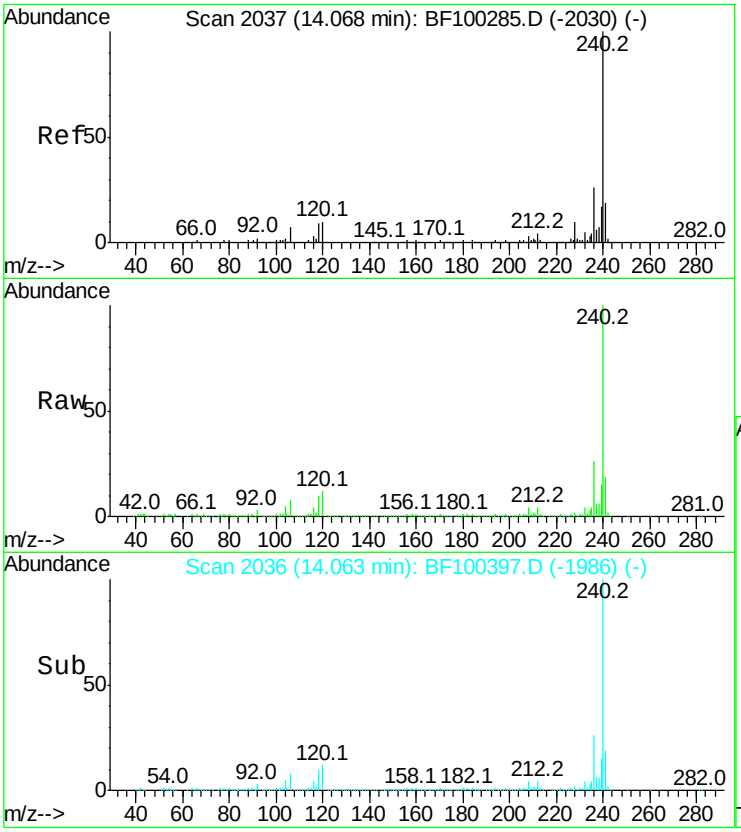


#74
Fluoranthene
Concen: 2.735 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:202 Resp: 64716

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.6	0.0	38.1



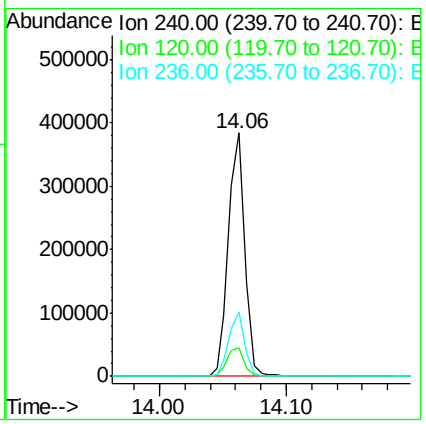


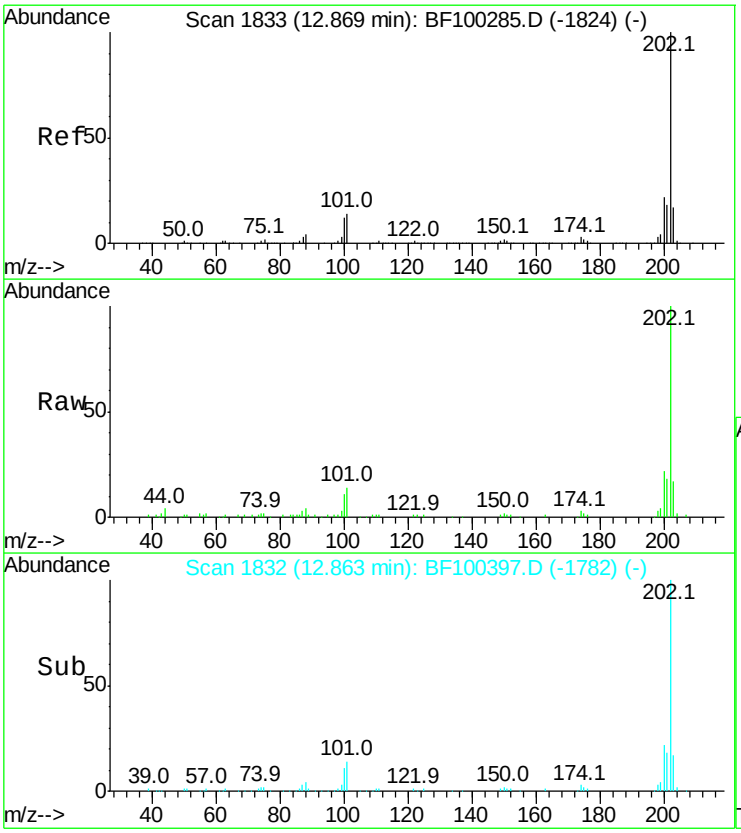
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 343085

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.5	20.7	31.1

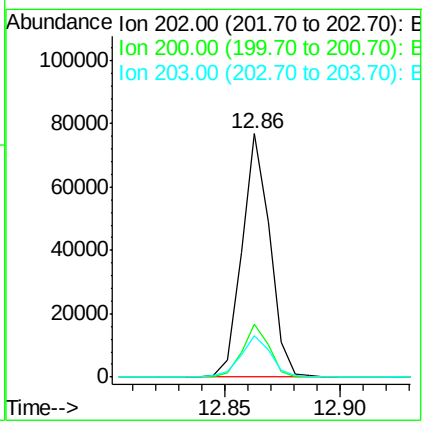


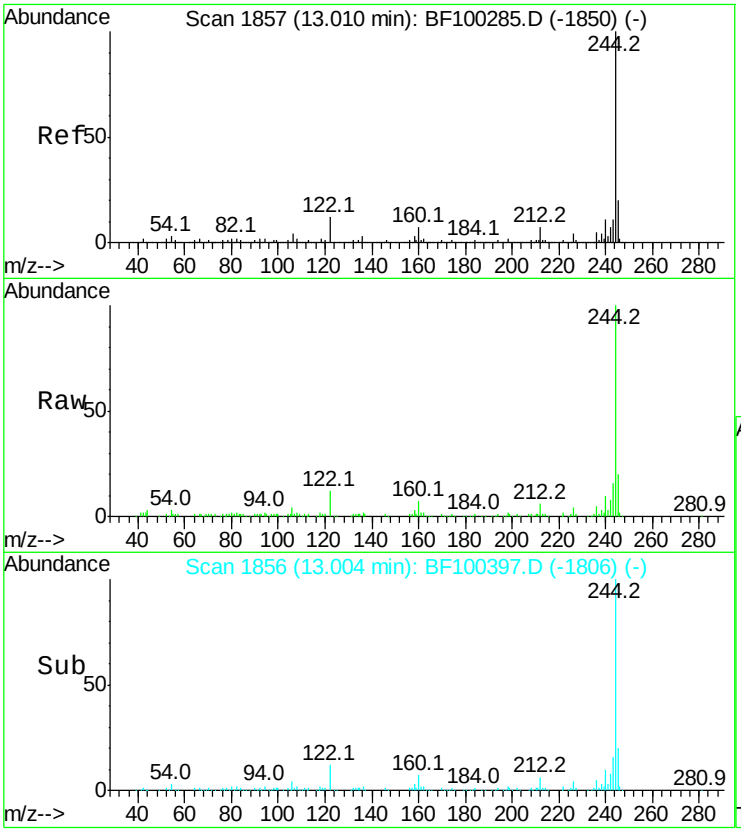


#77
Pyrene
Concen: 2.646 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:202 Resp: 64722

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.0	14.3	21.5



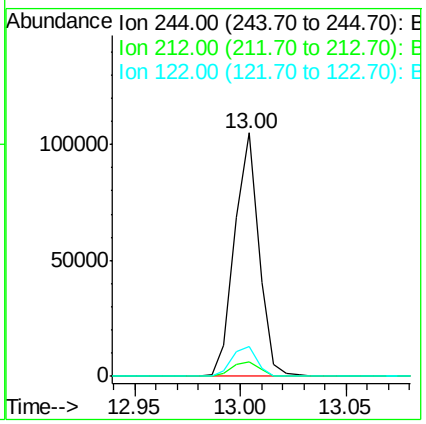


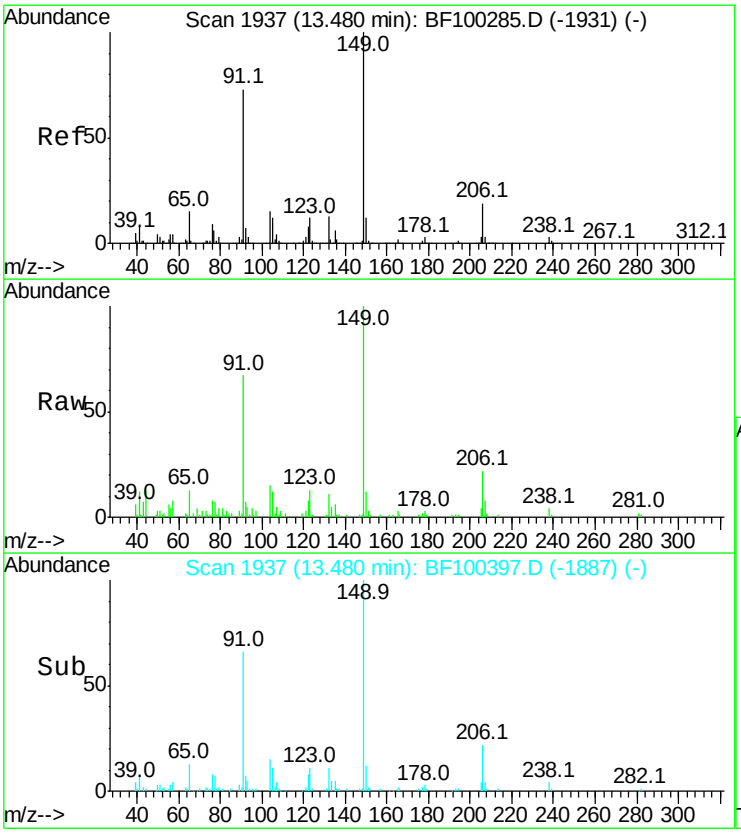
#78
Terphenyl-d14
Concen: 5.563 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 83071

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	12.3	11.0	16.4

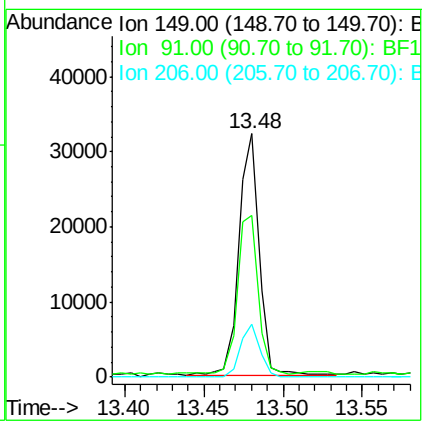


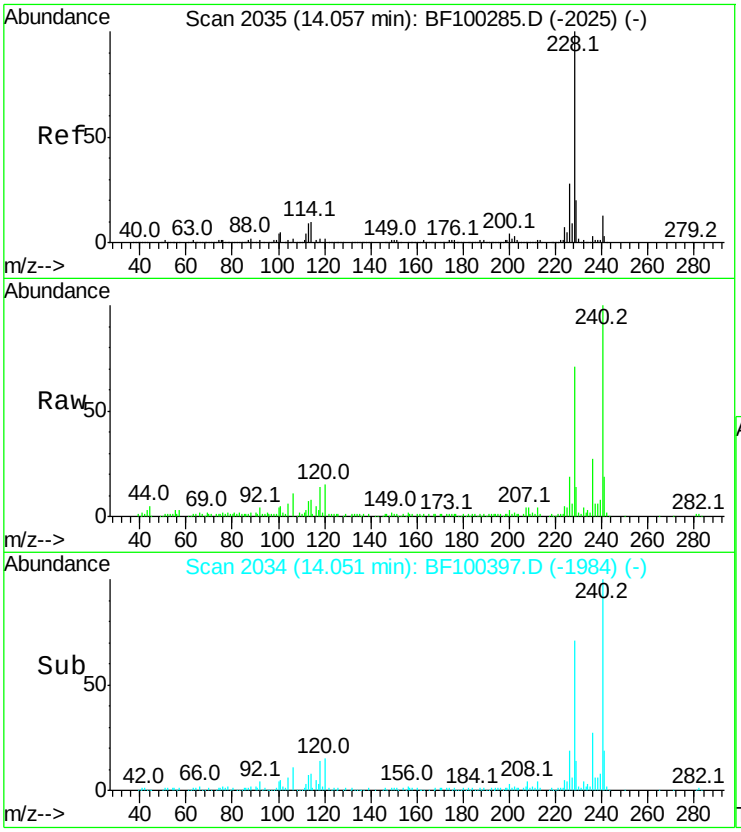


#79
Butylbenzylphthalate
Concen: 2.813 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:149 Resp: 28059

Ion	Ratio	Lower	Upper
149	100		
91	66.6	56.8	85.2
206	21.6	14.1	21.1#



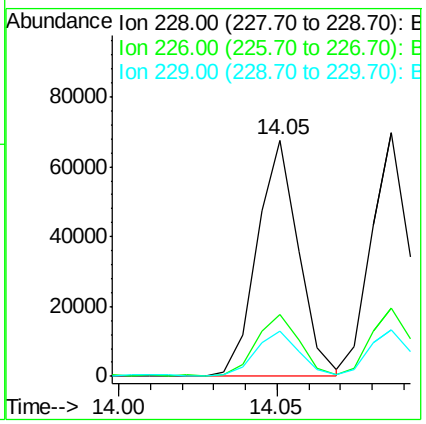


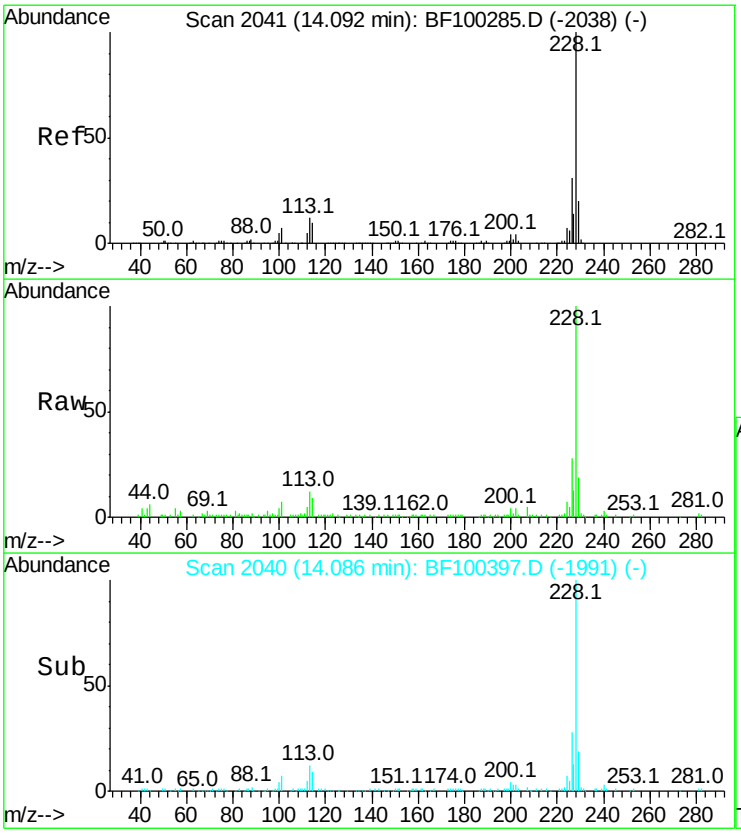
#80
Benzo(a)anthracene
Concen: 2.963 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61221

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	33.8
229	19.4	15.8	23.6

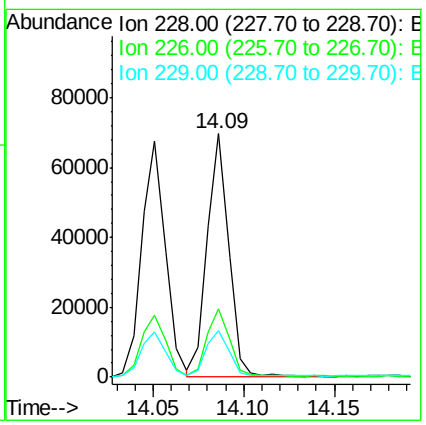


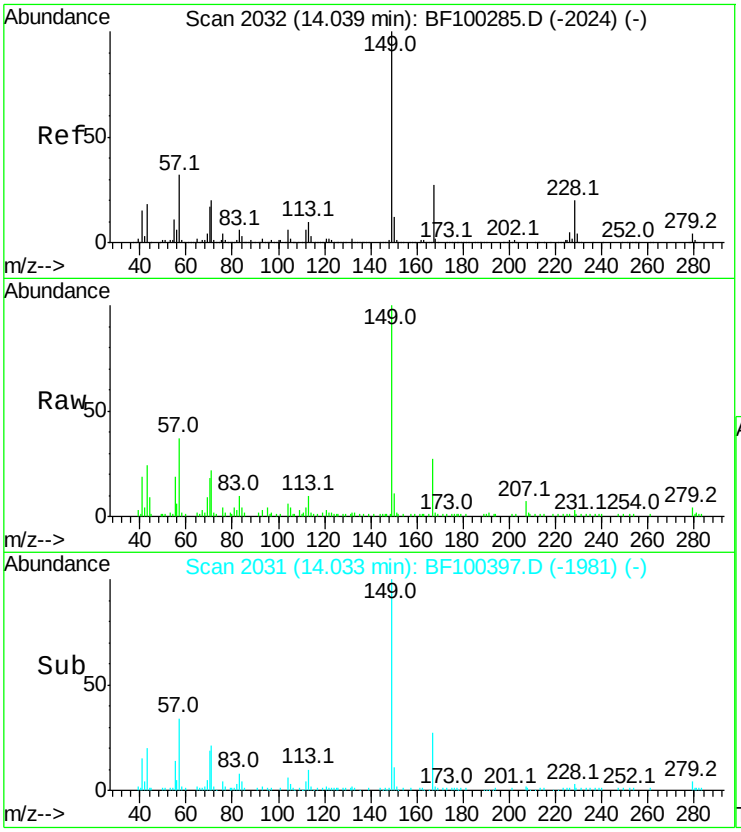


#82
Chrysene
Concen: 2.904 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:228 Resp: 58104

Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	19.0	16.2	24.4



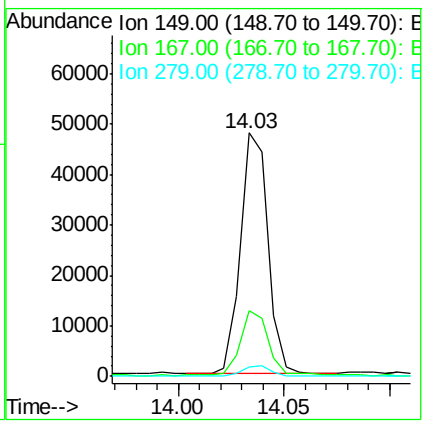


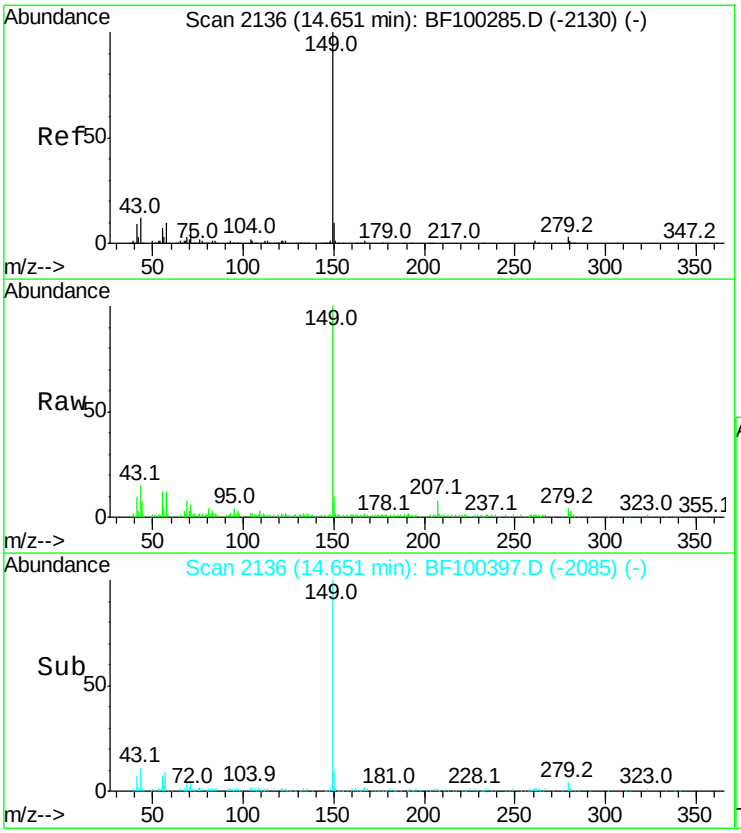
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.261 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 42772

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.6	3.0	4.4

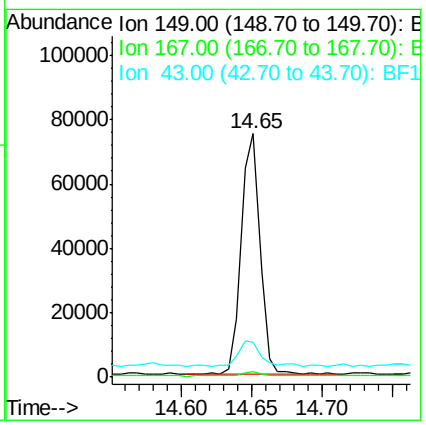


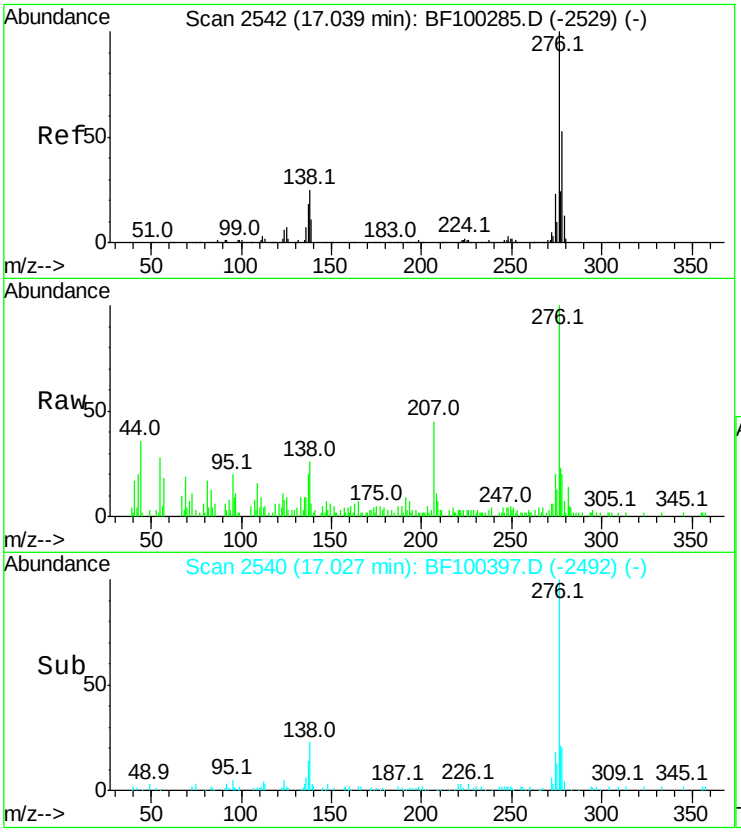


#84
Di-n-octyl phthalate
Concen: 3.122 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:149 Resp: 70352

Ion	Ratio	Lower	Upper
149	100		
167	4.2	1.2	1.8#
43	12.7	8.4	12.6#



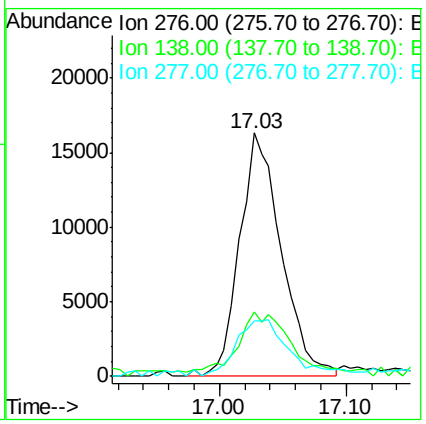


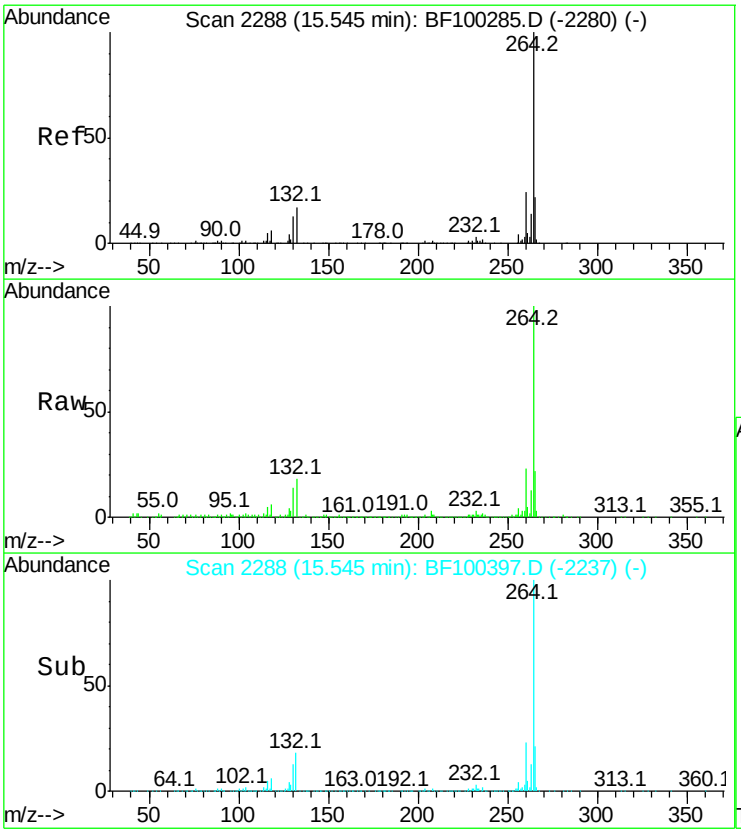
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.305 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37294

Ion	Ratio	Lower	Upper
276	100		
138	35.7	25.0	37.6
277	29.7	20.1	30.1

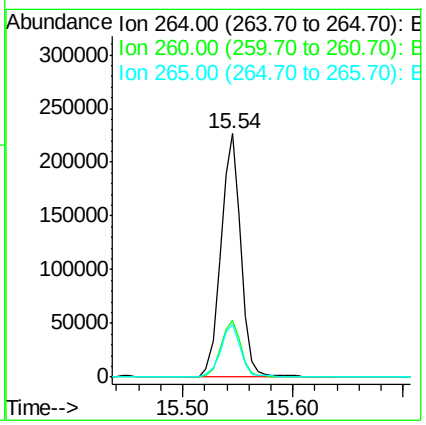


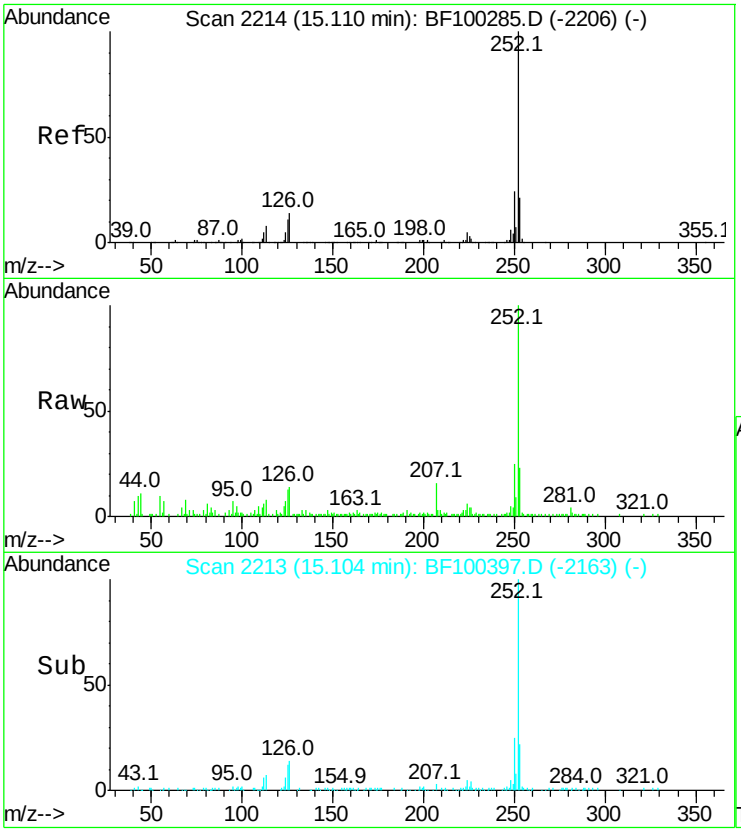


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:264 Resp: 284249

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3



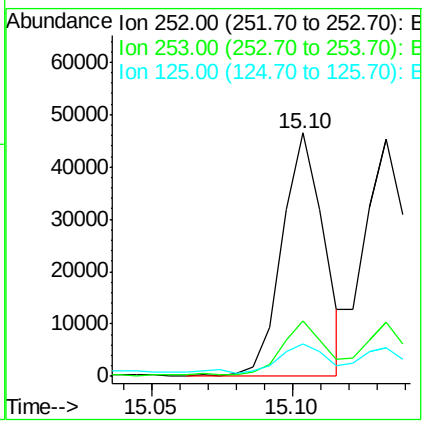


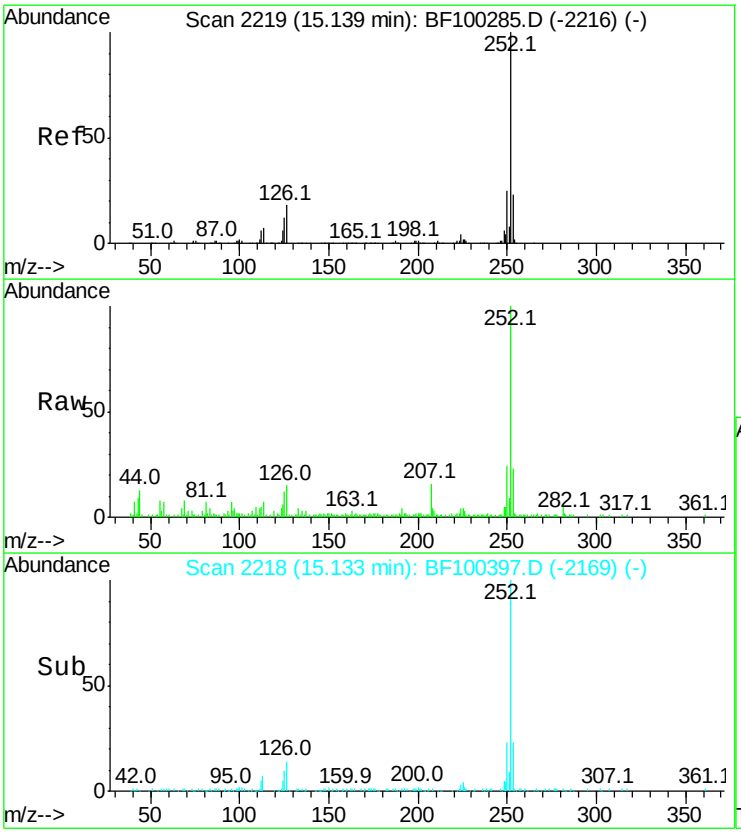
#87
Benzo(b)fluoranthene
Concen: 2.827 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 47615

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.2	9.0	13.6

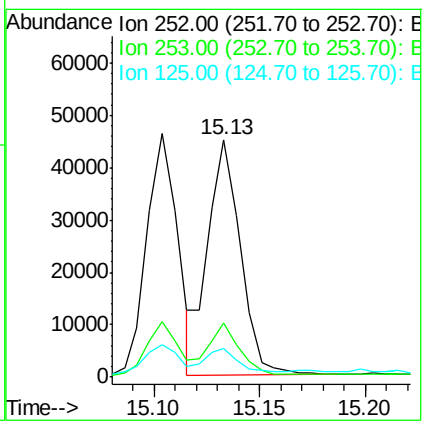


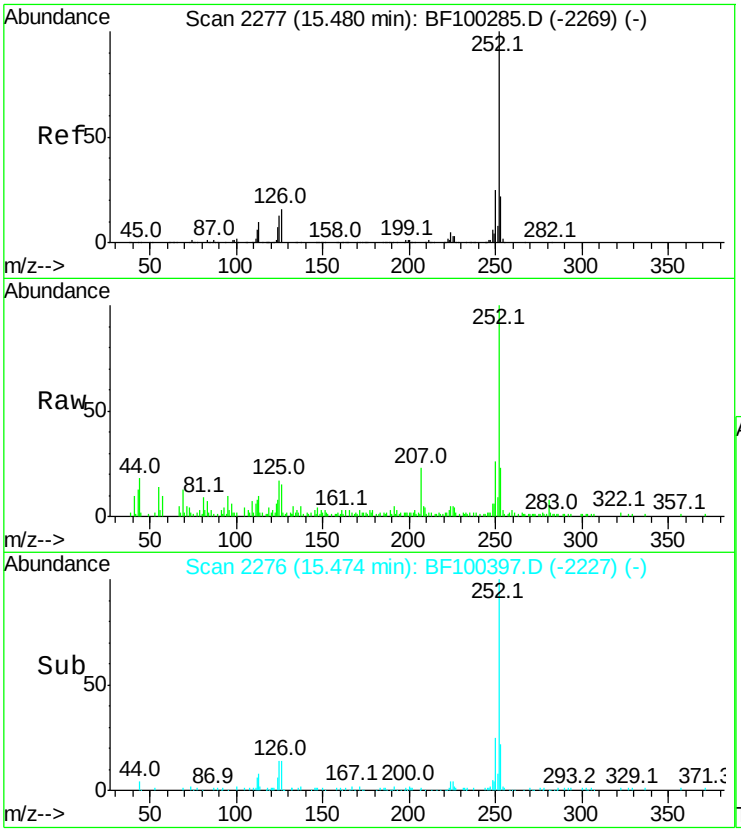


#88
Benzo(k)fluoranthene
Concen: 3.047 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:252 Resp: 48478

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.0	10.2	15.2



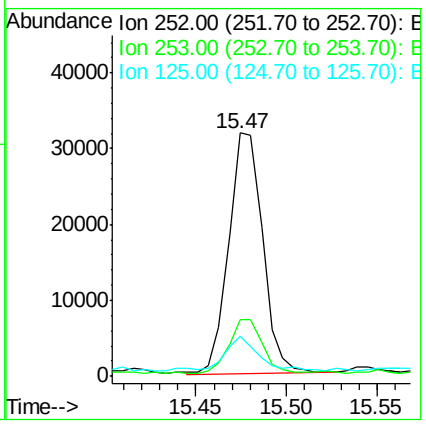


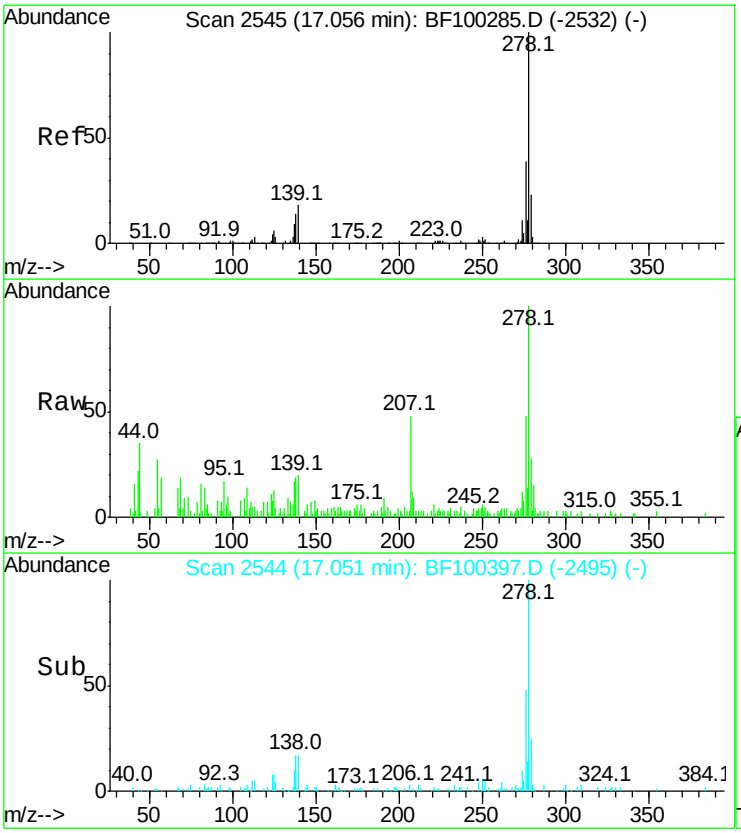
#89
Benzo(a)pyrene
Concen: 2.794 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41713

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	16.7	9.8	14.6#

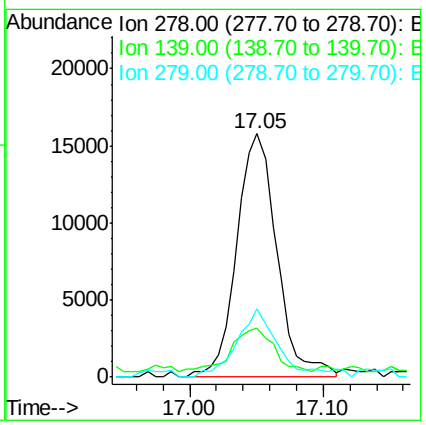


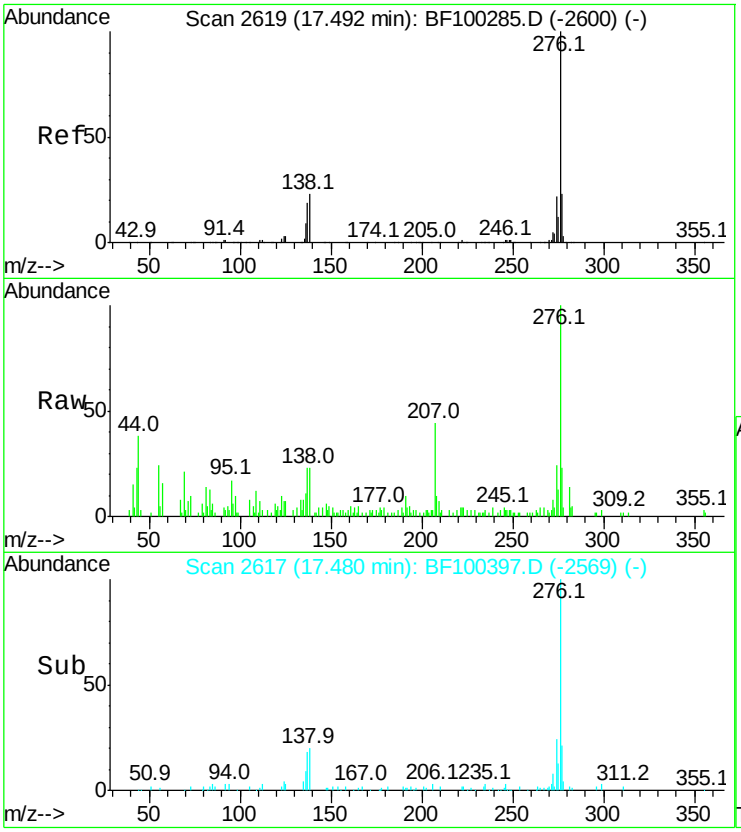


#90
Dibenzo(a,h)anthracene
Concen: 2.696 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Tgt Ion:278 Resp: 32912

Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	28.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.707 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF100397.D
Acq: 10 Nov 2017 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32355

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.5	21.8	32.8