Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100741.D
Acq On : 20 Nov 2017 20:20
Operator : SJ/JU
Sample : I6521-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:33 PM

Quant Time: Nov 21 04:41:13 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	95809	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	380681	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	179814	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	348378	20.00	ng		0.00
75) Chrysene-d12	14.04	240	227263	20.00	ng		0.00
86) Perylene-d12	15.50	264	191547	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	700749	117.24	ng		0.00
7) Phenol-d6	6.50	99	882104	119.68	ng		0.00
23) Nitrobenzene-d5	7.44	82	542065	94.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	254110	138.68	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1041617	88.21	ng		0.00
78) Terphenyl-d14	12.98	244	997125	100.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	90939	31.221	ng		97
3) Pyridine	3.48	79	247309	31.121	ng		95
4) n-Nitrosodimethylamine	3.43	42	134666	34.904	ng		98
6) Aniline	6.55	93	283271	27.205	ng		99
8) 2-Chlorophenol	6.66	128	289808	45.834	ng		94
9) Benzaldehyde	6.42	77	101551	19.294	ng		96
10) Phenol	6.52	94	375995	48.595	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	264014	40.624	ng		98
12) 1,3-Dichlorobenzene	6.82	146	310662	42.615	ng		97
13) 1,4-Dichlorobenzene	6.89	146	318182	43.124	ng		96
14) 1,2-Dichlorobenzene	7.05	146	300672	44.075	ng		96
15) Benzyl Alcohol	7.02	79	254084	44.172	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	464743	44.711	ng		98
17) 2-Methylphenol	7.12	107	252859	46.796	ng		99
18) Hexachloroethane	7.39	117	104397	42.914	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	201243	39.372	ng		99
20) 3+4-Methylphenols	7.27	107	305248	44.642	ng	#	89
22) Acetophenone	7.29	105	386610	41.648	ng	#	98
24) Nitrobenzene	7.46	77	300429	50.693	ng		98
25) Isophorone	7.70	82	555199	45.884	ng		99
26) 2-Nitrophenol	7.77	139	165492	58.263	ng		95
27) 2,4-Dimethylphenol	7.80	122	276931	51.055	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	353288	44.636	ng		98
29) 2,4-Dichlorophenol	8.01	162	269404	52.027	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	263429	47.031	ng		98
31) Naphthalene	8.18	128	835543	45.569	ng		99
32) Benzoic acid	7.87	122	27196m	14.640	ng		
33) 4-Chloroaniline	8.22	127	118599	15.539	ng		97
34) Hexachlorobutadiene	8.29	225	149935	45.021	ng		97
35) Caprolactam	8.60	113	85451m	48.086	ng		
36) 4-Chloro-3-methylphenol	8.70	107	274658	49.387	ng		99
37) 2-Methylnaphthalene	8.87	142	572124	46.999	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	266393	44.670	ng		97
40) Hexachlorocyclopentadiene	9.02	237	259002	92.279	ng		99

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Quant Time: Nov 21 04:41:13 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)
42) 2,4,6-Trichlorophenol	9.15	196	201240	53.244	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	209005	53.373	ng		94
45) 1,1'-Biphenyl	9.33	154	680540	43.759	ng		99
46) 2-Chloronaphthalene	9.36	162	544891	48.295	ng		97
47) 2-Nitroaniline	9.46	65	172453	51.513	ng		95
48) Acenaphthylene	9.77	152	827034	44.232	ng		100
49) Dimethylphthalate	9.64	163	711590	51.831	ng		98
50) 2,6-Dinitrotoluene	9.70	165	148708	54.721	ng		88
51) Acenaphthene	9.95	154	496310	43.645	ng		99
52) 3-Nitroaniline	9.86	138	106315	33.130	ng		96
53) 2,4-Dinitrophenol	9.97	184	99738	82.480	ng	#	12
54) Dibenzofuran	10.12	168	739682	46.410	ng		96
55) 4-Nitrophenol	10.03	139	246977	94.783	ng		94
56) 2,4-Dinitrotoluene	10.10	165	193853	56.544	ng	#	90
57) Fluorene	10.46	166	584136	50.030	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	169800	52.907	ng	#	85
59) Diethylphthalate	10.33	149	608803	44.312	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	268216	46.828	ng		92
61) 4-Nitroaniline	10.49	138	159228	52.328	ng		88
62) Azobenzene	10.61	77	544288	42.063	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	99701	55.130	ng		85
65) n-Nitrosodiphenylamine	10.57	169	536477	44.288	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	176414	47.238	ng	#	90
67) Hexachlorobenzene	11.01	284	183684	47.027	ng	#	85
68) Atrazine	11.10	200	173531	47.325	ng		95
69) Pentachlorophenol	11.20	266	219585	78.402	ng		98
70) Phenanthrene	11.42	178	860649	46.921	ng		98
71) Anthracene	11.47	178	911944	49.004	ng		99
72) Carbazole	11.63	167	801416	46.673	ng		99
73) Di-n-butylphthalate	11.95	149	932343	46.398	ng		99
74) Fluoranthene	12.61	202	1044386	53.724	ng		97
76) Benzidine	12.73	184	211425	23.230	ng		98
77) Pyrene	12.85	202	1024918	63.266	ng		99
79) Butylbenzylphthalate	13.45	149	357715	54.144	ng		94
80) Benzo(a)anthracene	14.03	228	743421	54.321	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	126203	25.738	ng	#	96
82) Chrysene	14.06	228	661259	49.896	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	471929	54.311	ng		99
84) Di-n-octyl phthalate	14.62	149	670619	44.925	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	646642	60.324	ng		95
87) Benzo(b)fluoranthene	15.07	252	592369	52.200	ng		99
88) Benzo(k)fluoranthene	15.10	252	486541	45.376	ng		98
89) Benzo(a)pyrene	15.44	252	534989	53.177	ng		100
90) Dibenzo(a,h)anthracene	17.01	278	503630	61.212	ng		97
91) Benzo(g,h,i)perylene	17.44	276	573107	71.159	ng		94

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

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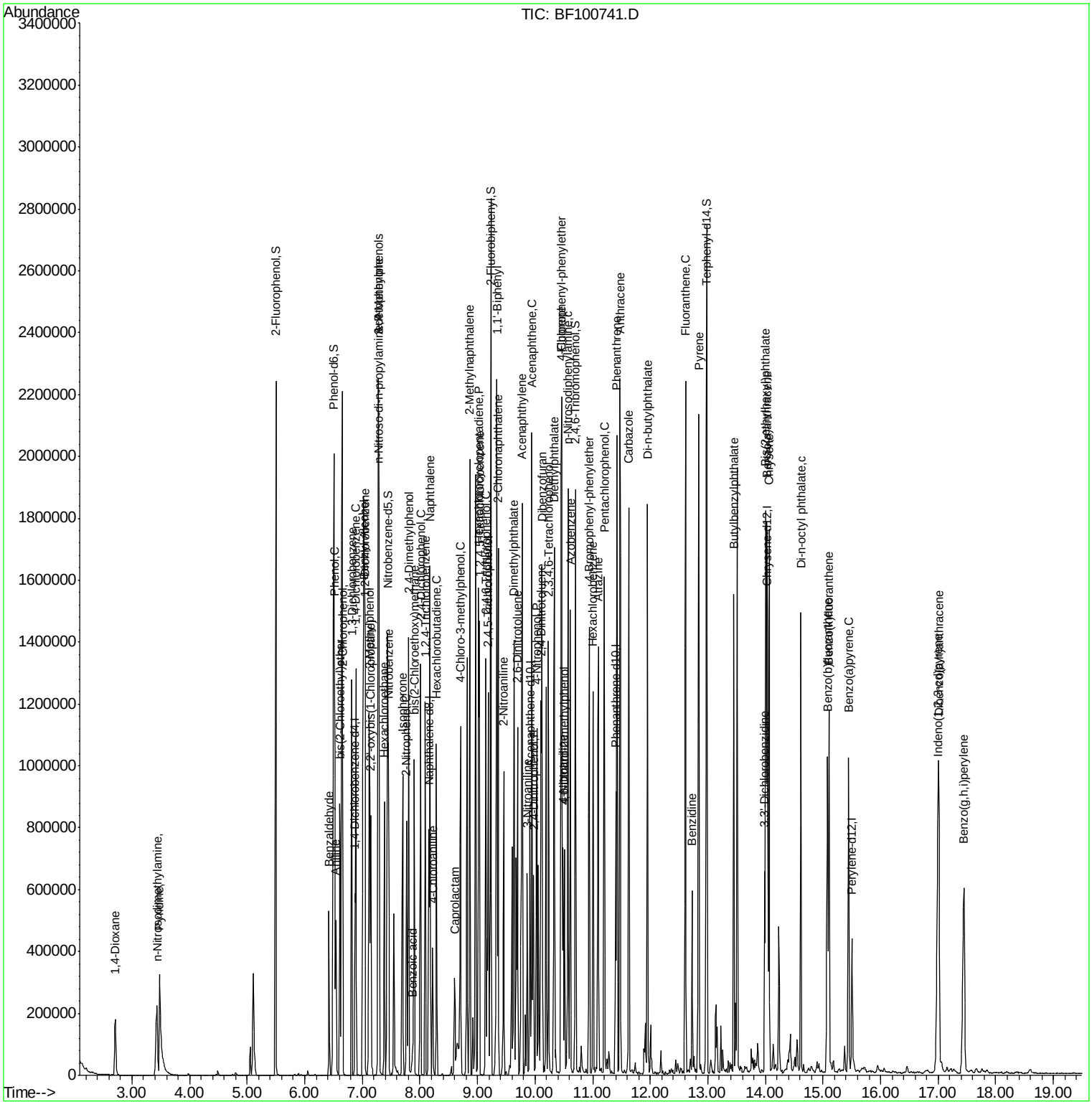
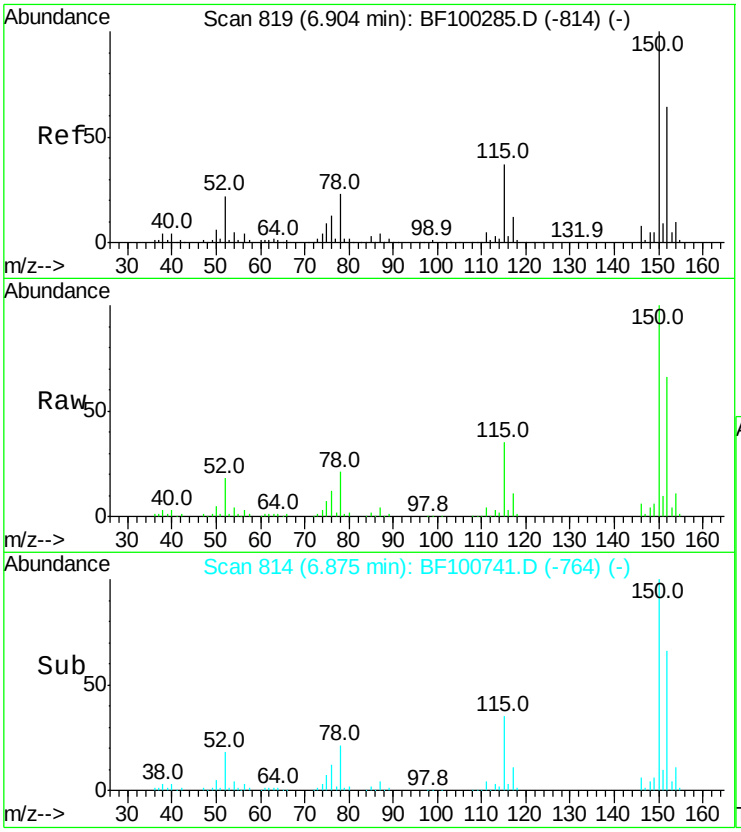
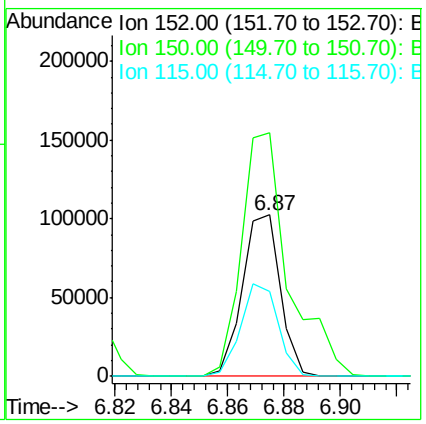




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:152 Resp: 95809

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	52.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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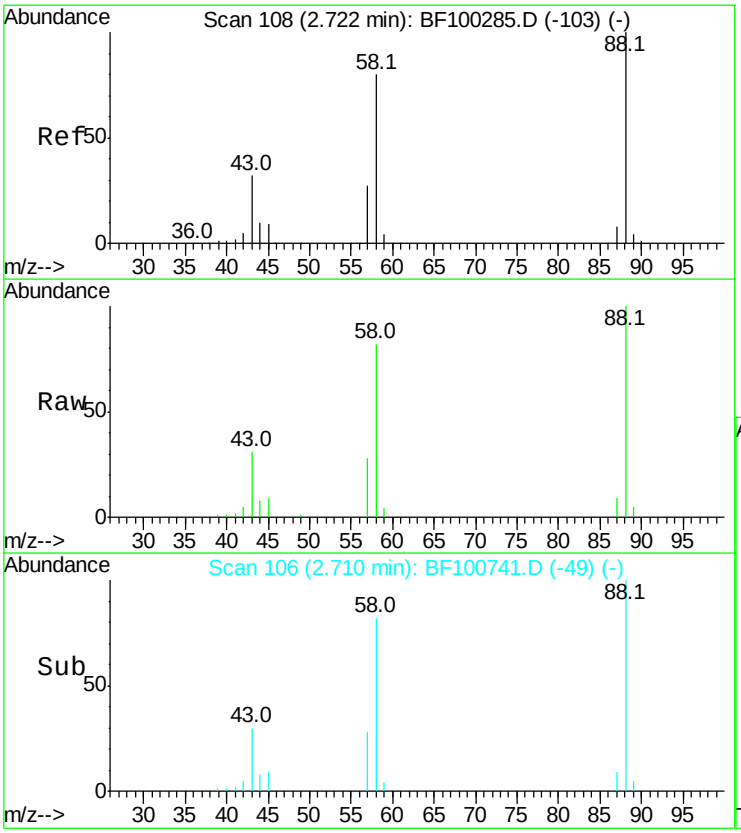
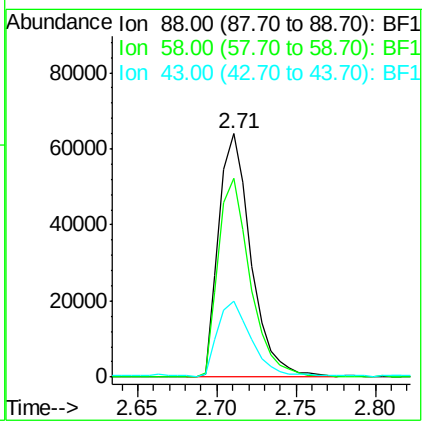
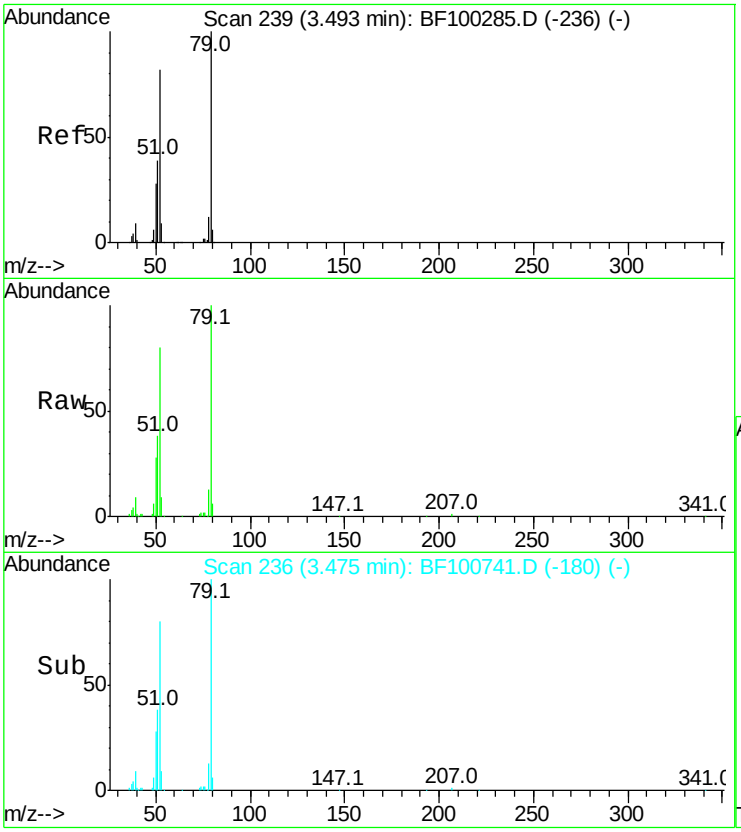


#2
1,4-Dioxane
Concen: 31.221 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.04 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 88 Resp: 90939

Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.6	93.8
43	33.2	24.6	37.0

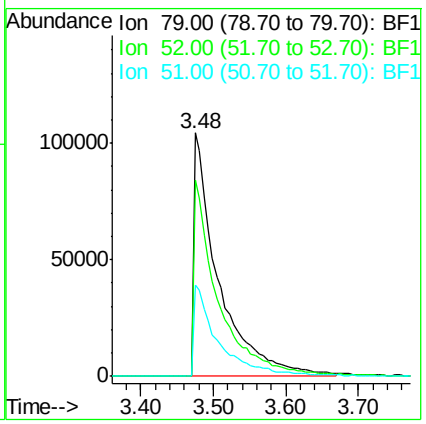




#3
Pyridine
Concen: 31.121 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.03 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 79 Resp: 247309

Ion	Ratio	Lower	Upper
79	100		
52	80.4	59.8	89.6
51	37.7	29.8	44.8



Instrument :
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ClientSampleId :
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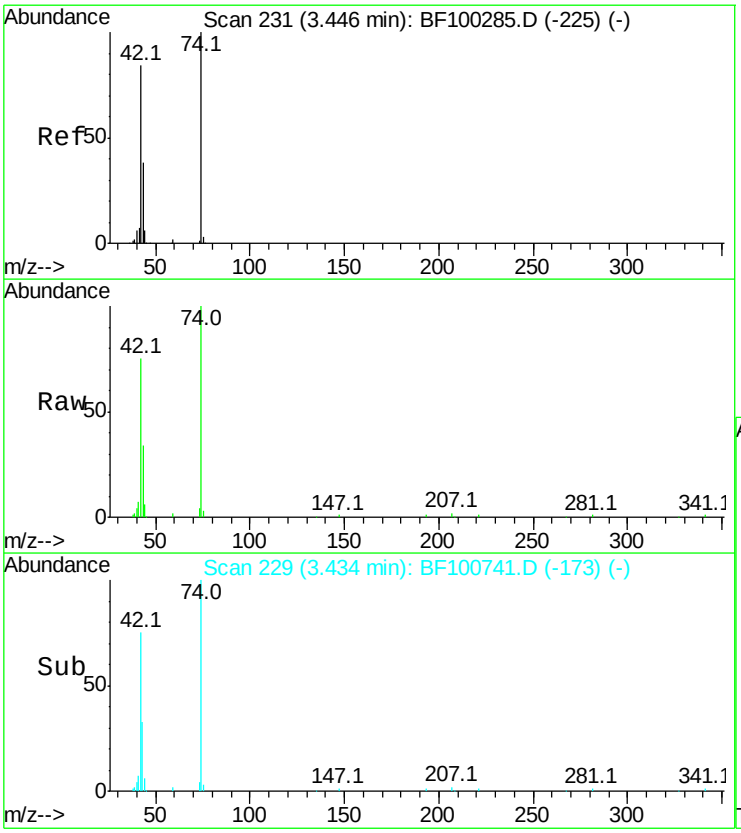
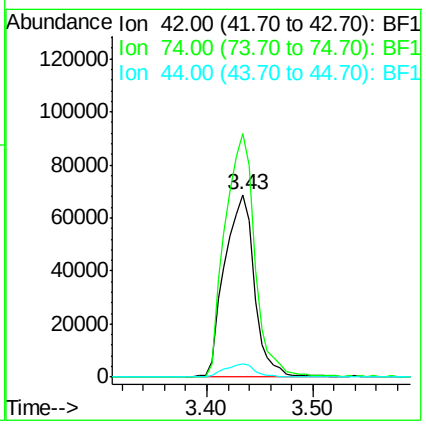
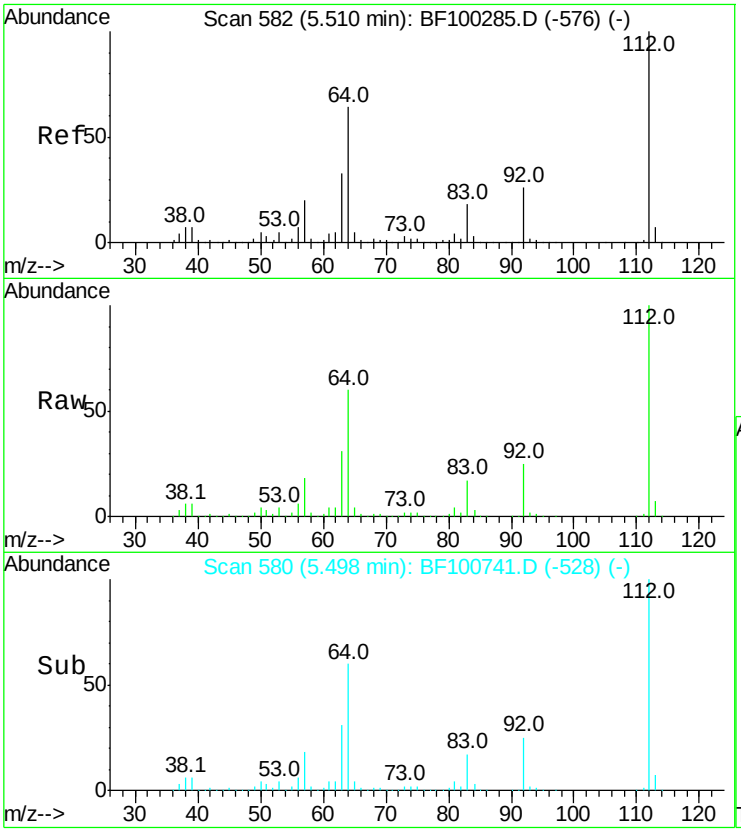


#4
n-Nitrosodimethylamine
Concen: 34.904 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.03 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 42 Resp: 134666

Ion	Ratio	Lower	Upper
42	100		
74	133.6	104.9	157.3
44	7.5	6.9	10.3

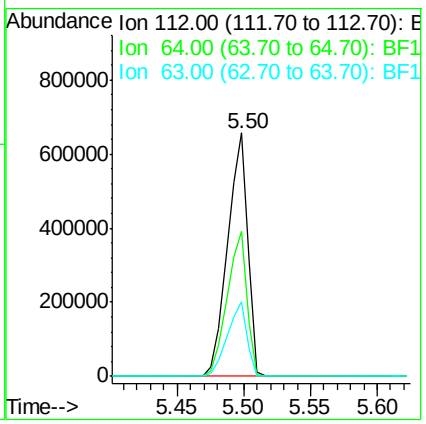




#5
2-Fluorophenol
Concen: 117.243 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:112 Resp: 700749

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.7	23.7	35.5



Instrument :
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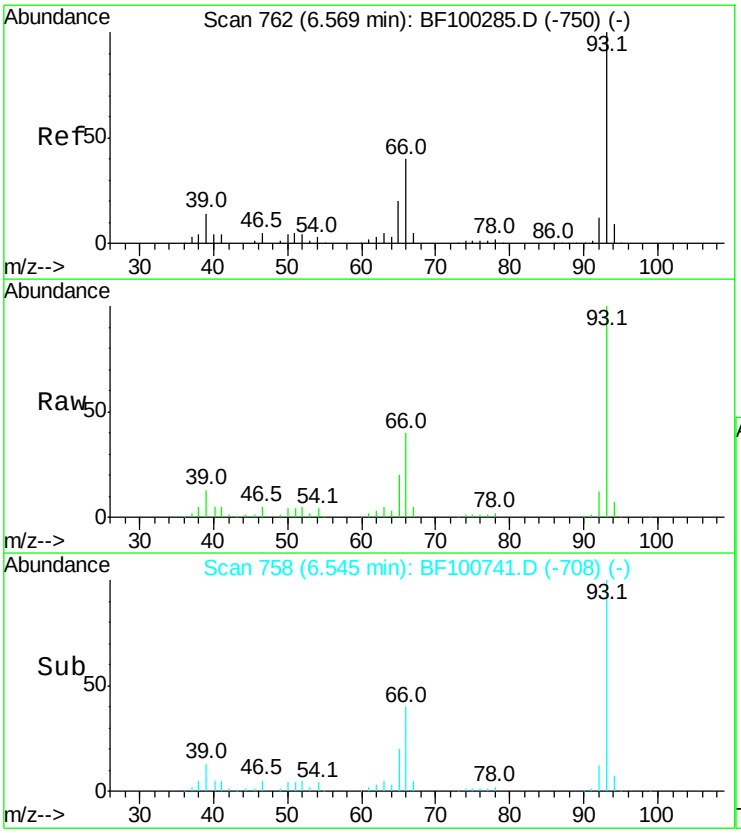
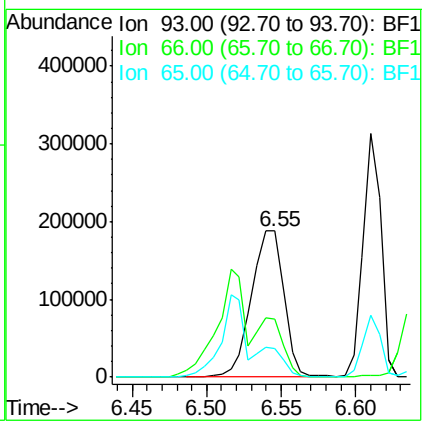
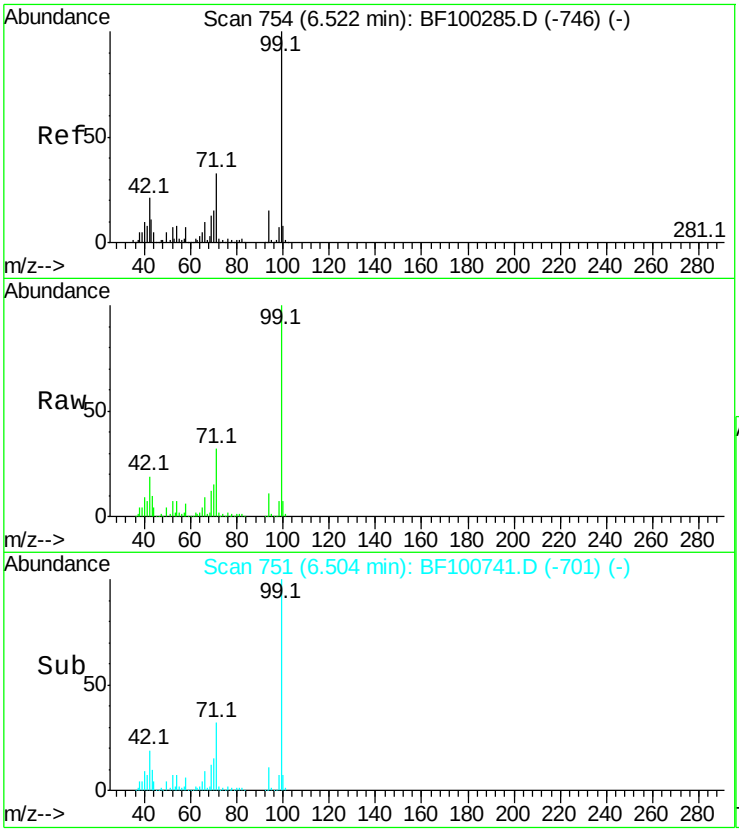


#6
Aniline
Concen: 27.205 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 93 Resp: 283271

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.2	48.2
65	20.0	16.4	24.6

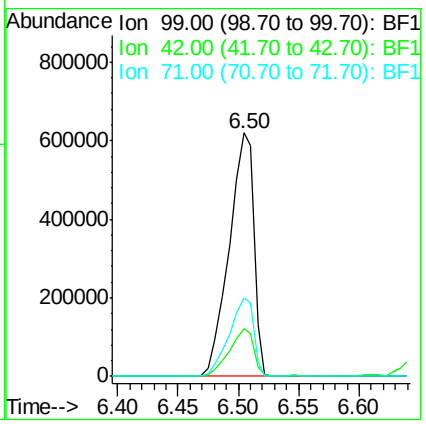




#7
Phenol-d6
Concen: 119.683 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 99 Resp: 882104

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.1	25.4	38.0



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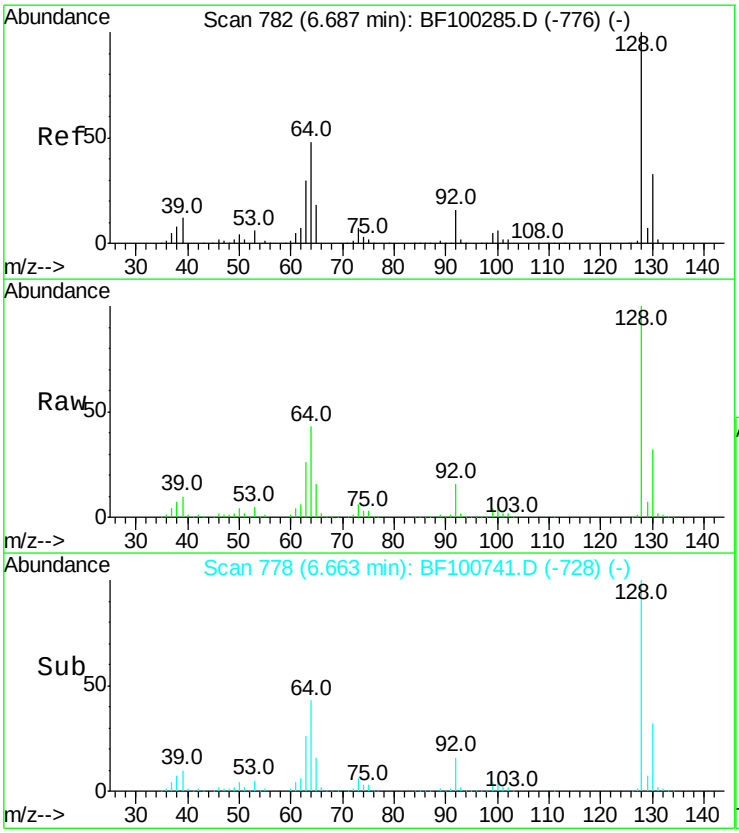
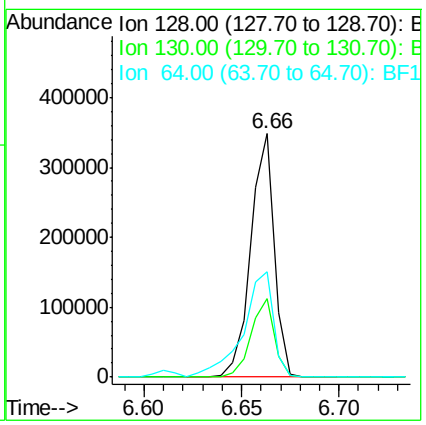
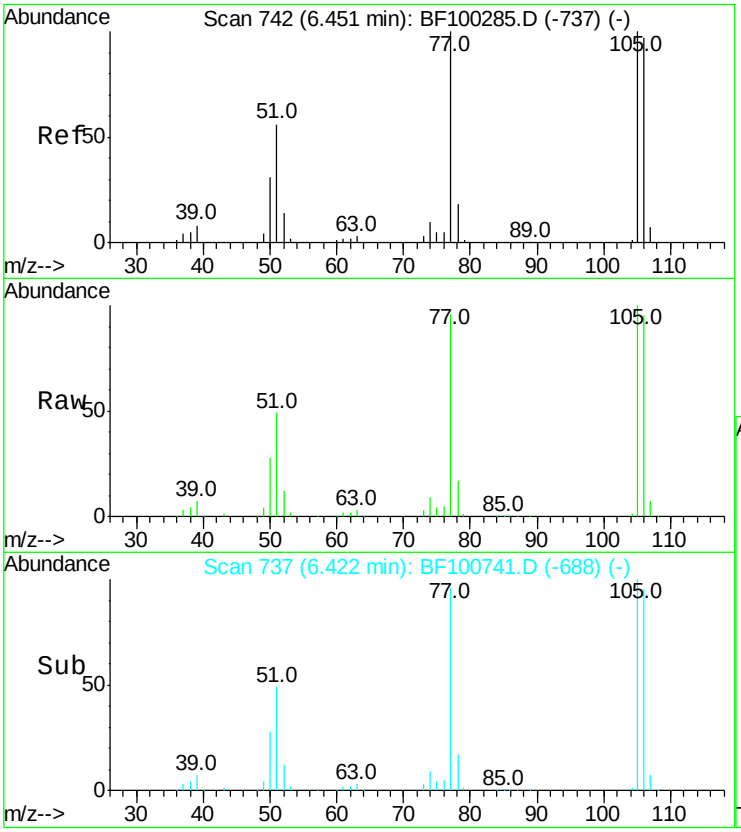


#8
2-Chlorophenol
Concen: 45.834 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:128 Resp: 289808

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	43.4	29.4	69.4

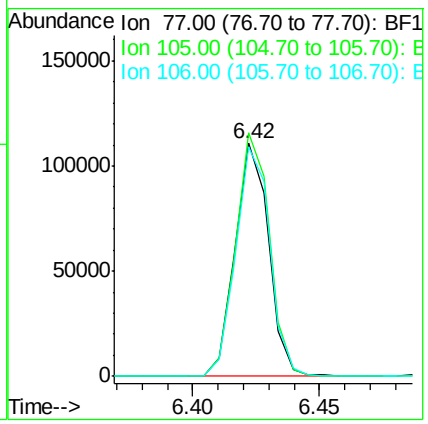




#9
Benzaldehyde
Concen: 19.294 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 77 Resp: 101551

Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.1	121.1
106	98.7	74.5	114.5



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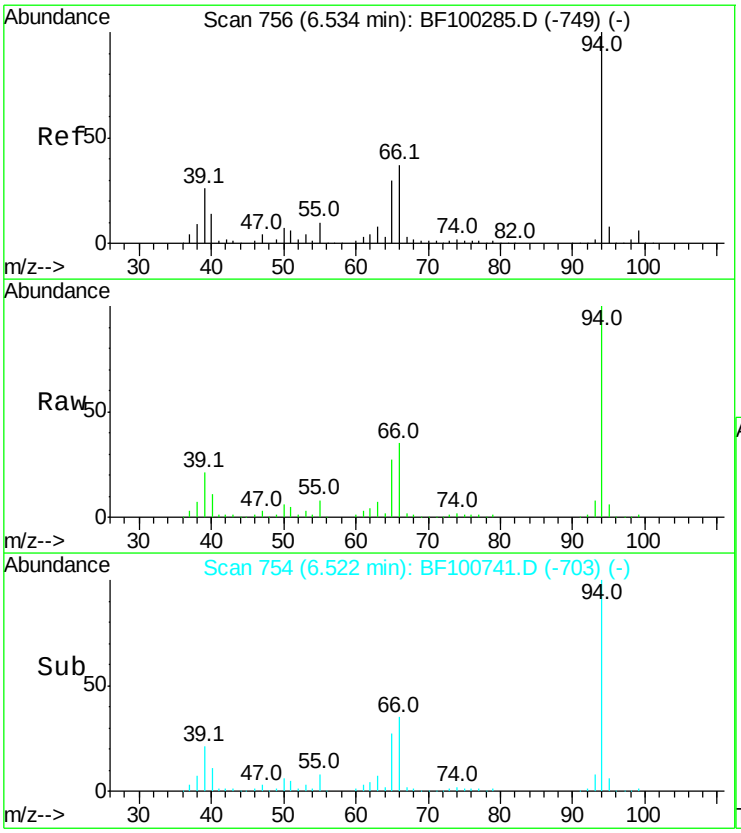
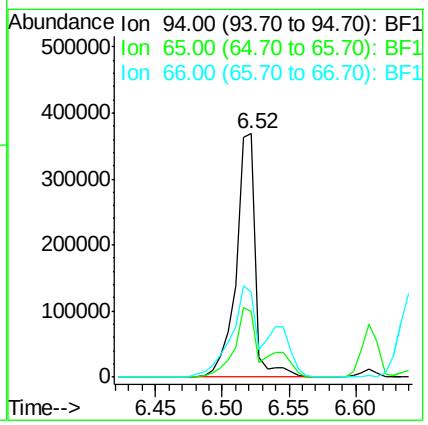
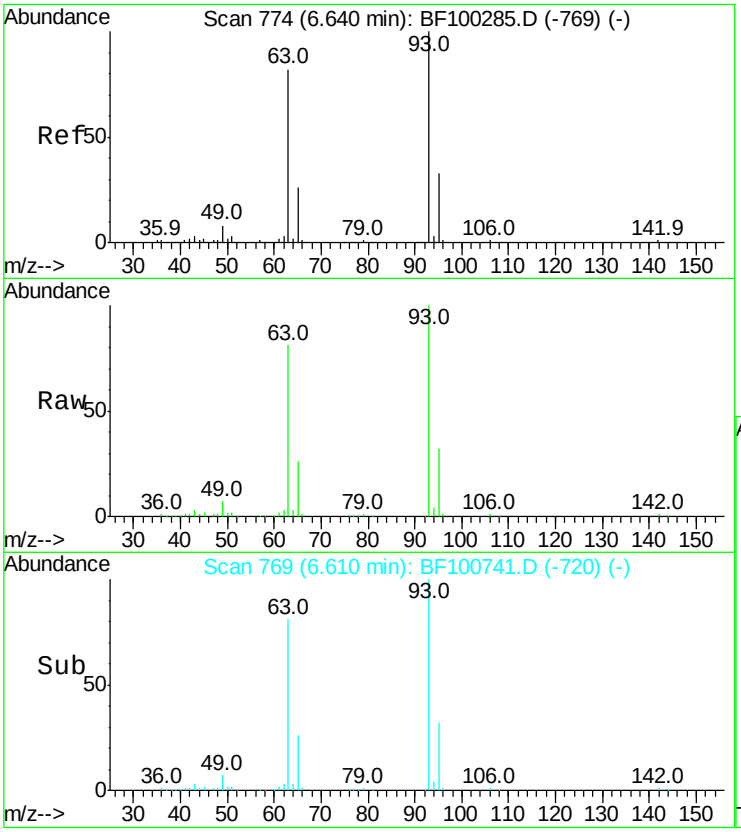


#10
Phenol
Concen: 48.595 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 94 Resp: 375995

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	35.1	16.2	56.2

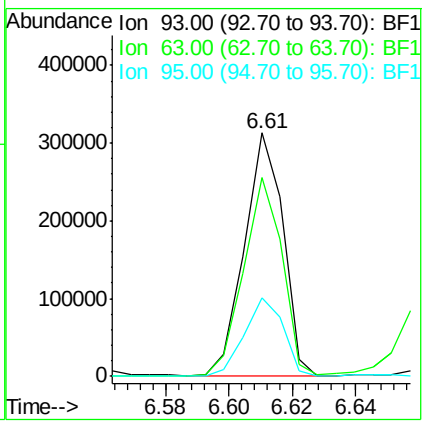




#11
bis(2-Chloroethyl)ether
Concen: 40.624 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 93 Resp: 264014

Ion	Ratio	Lower	Upper
93	100		
63	81.5	58.6	98.6
95	32.1	11.8	51.8



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BNA_F
ClientSampleId :
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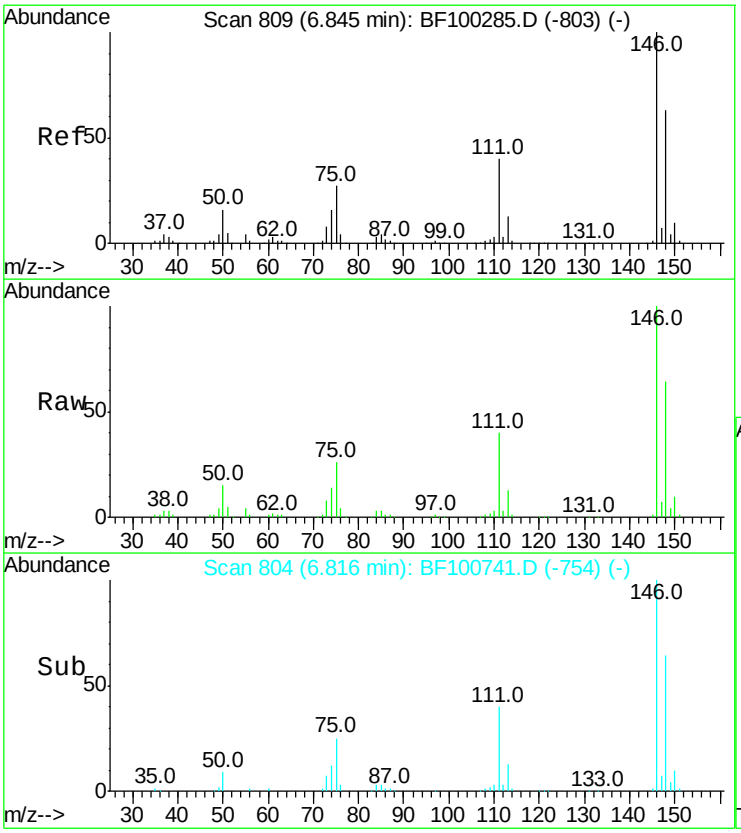
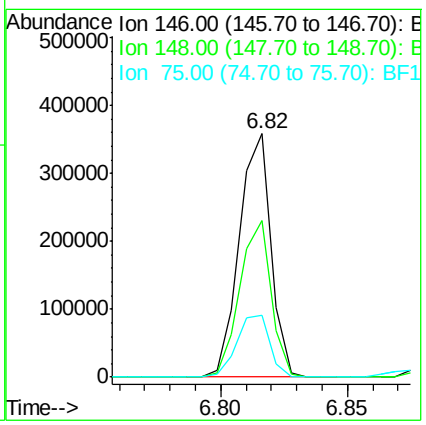
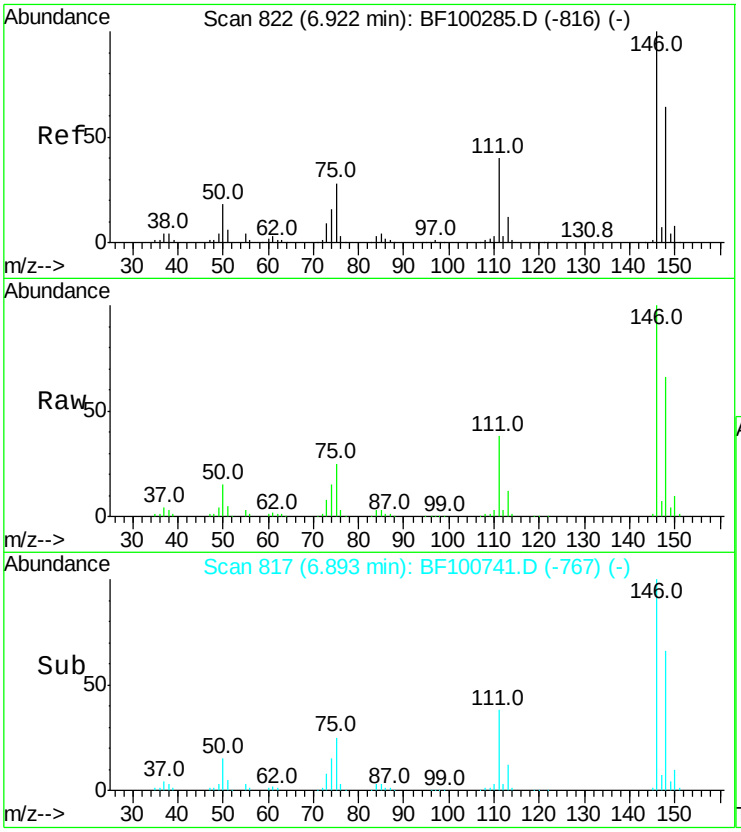


#12
1,3-Dichlorobenzene
Concen: 42.615 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:146 Resp: 310662

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	25.6	24.2	36.4

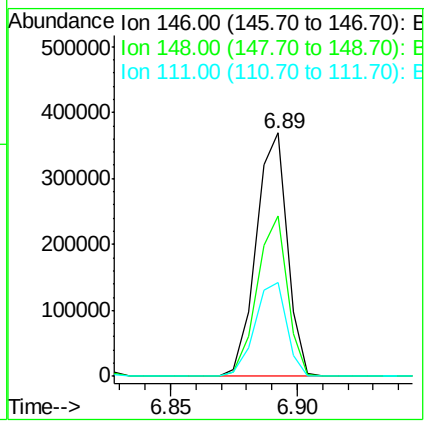




#13
1,4-Dichlorobenzene
Concen: 43.124 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:146 Resp: 318182

Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	38.4	34.2	51.2



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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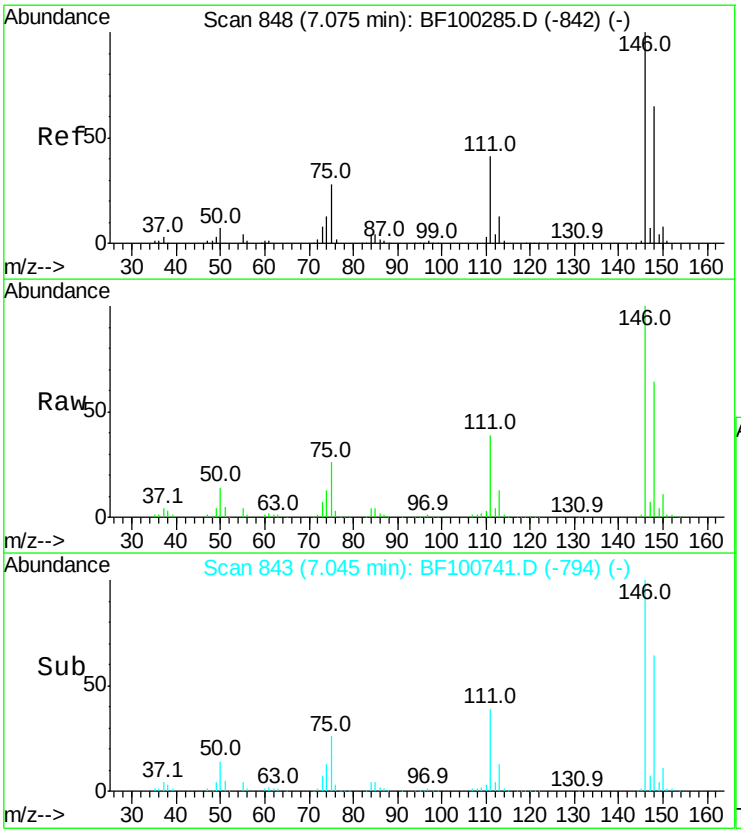
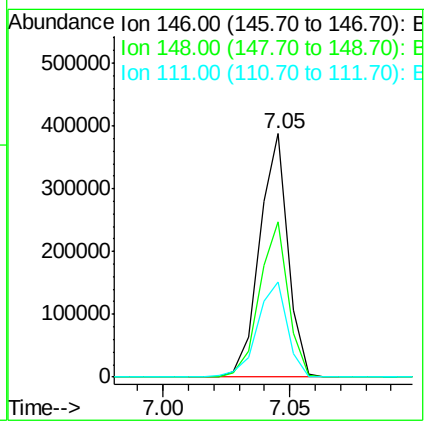
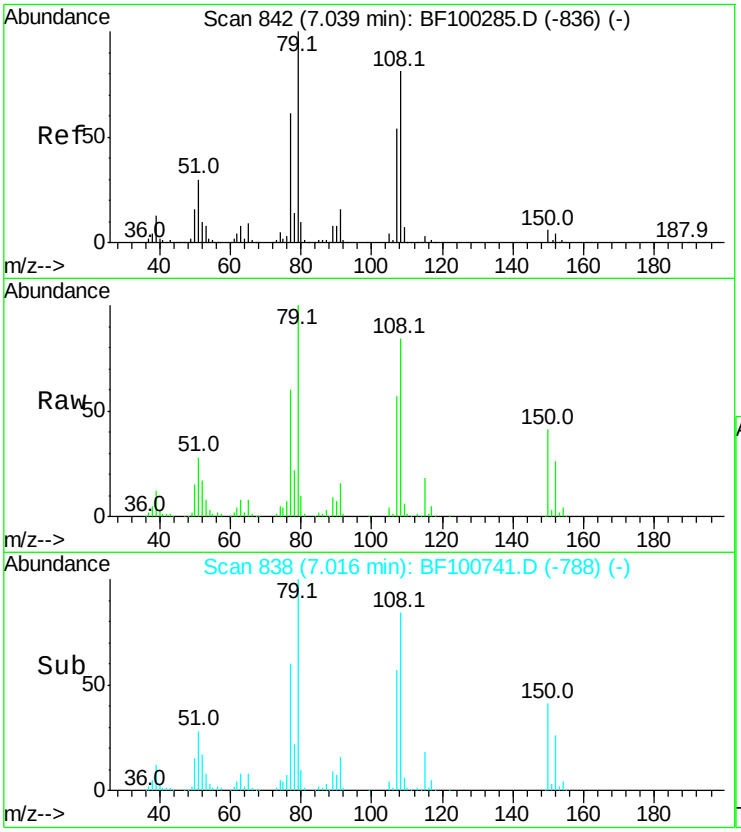


#14
1,2-Dichlorobenzene
Concen: 44.075 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:146 Resp: 300672

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	39.1	36.0	54.0

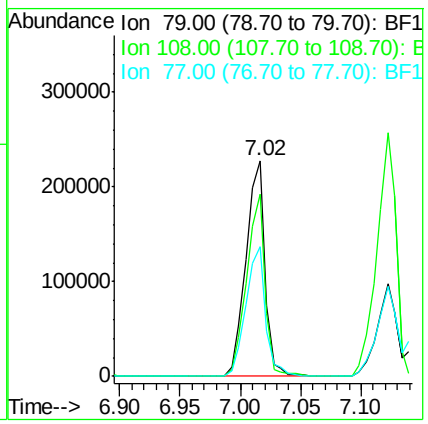




#15
Benzyl Alcohol
Concen: 44.172 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 79 Resp: 254084

Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.1	97.7
77	60.3	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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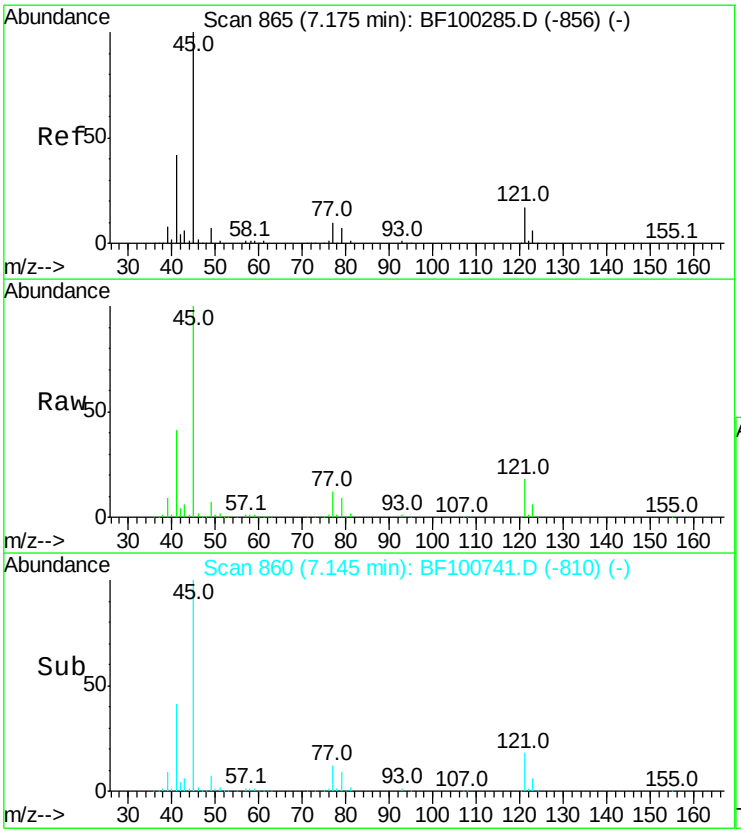
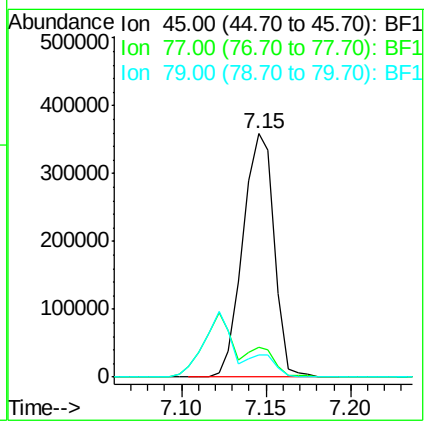
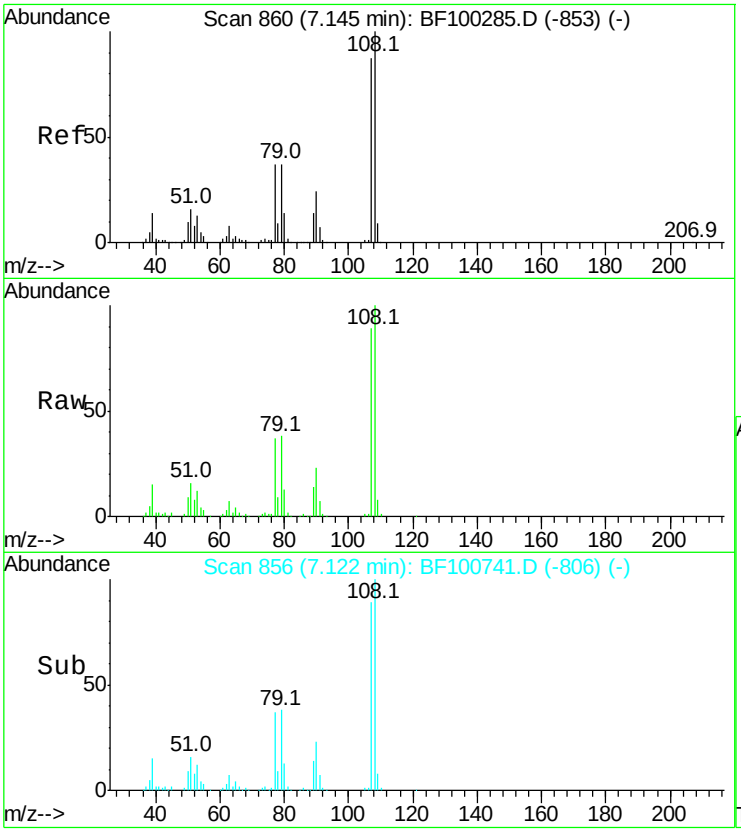


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.711 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 45 Resp: 464743

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.1	0.0	29.6

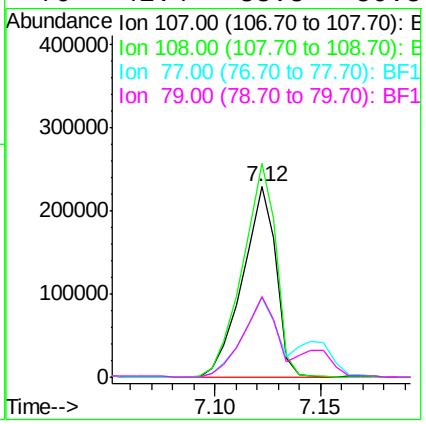




#17
2-Methylphenol
Concen: 46.796 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:107 Resp: 252859

Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	41.7	33.8	50.8
79	42.4	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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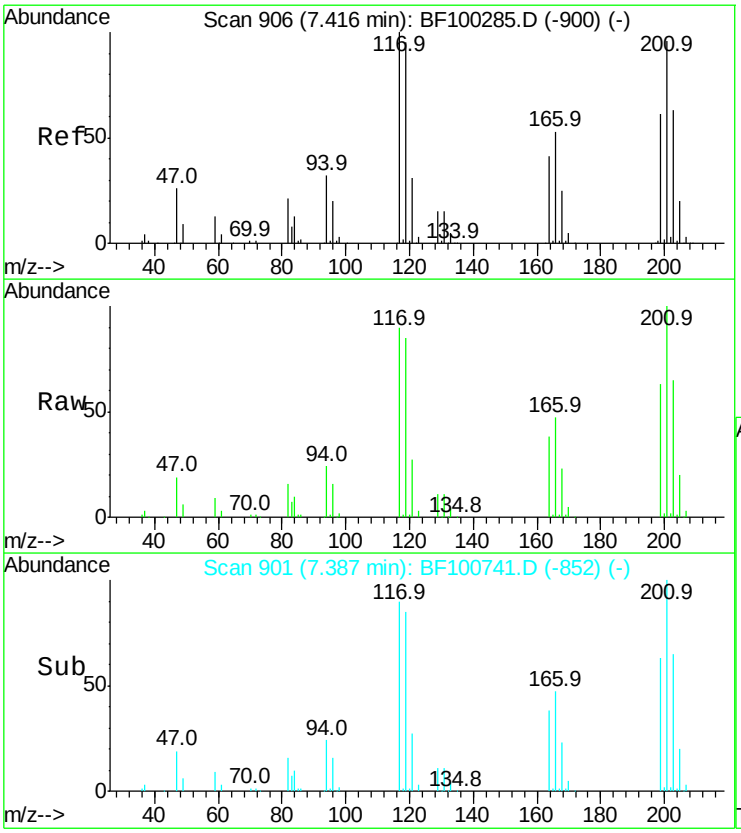
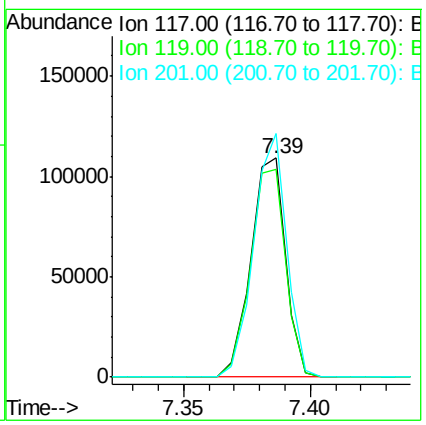
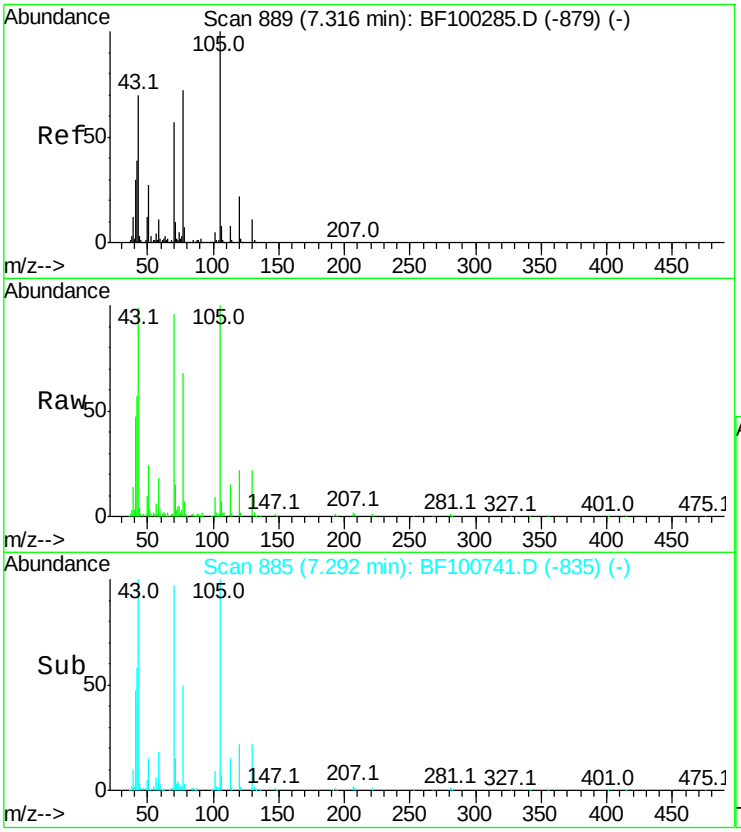


#18
Hexachloroethane
Concen: 42.914 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:117 Resp: 104397

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.8
201	111.2	75.7	113.5

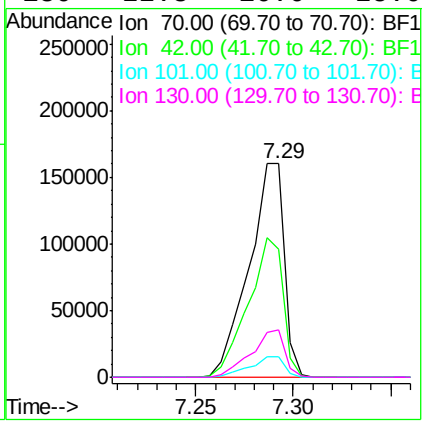




#19
n-Nitroso-di-n-propylamine
Concen: 39.372 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 70 Resp: 201243

Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.5	71.3
101	9.4	7.4	11.2
130	22.3	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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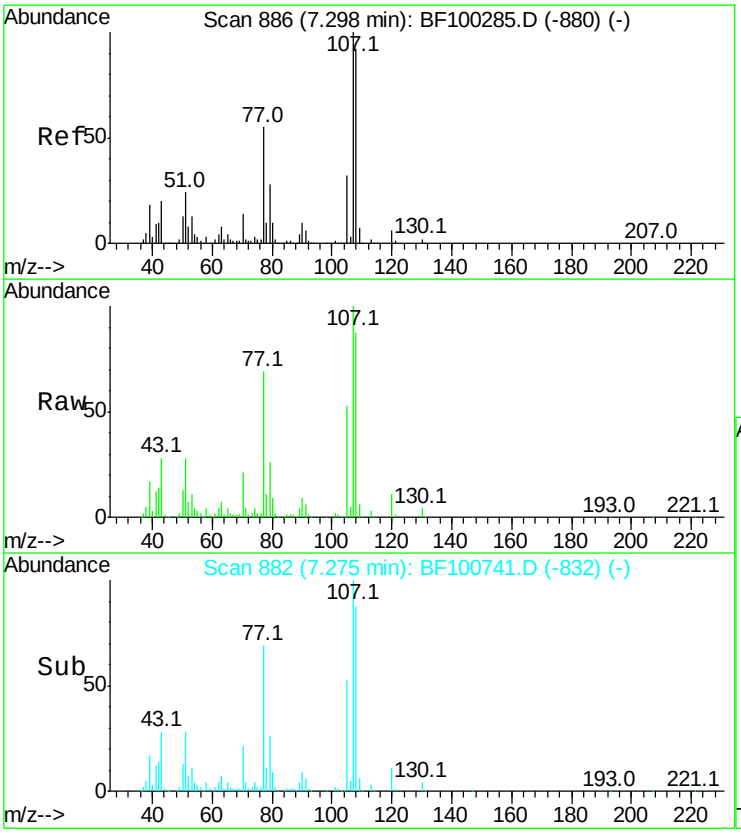
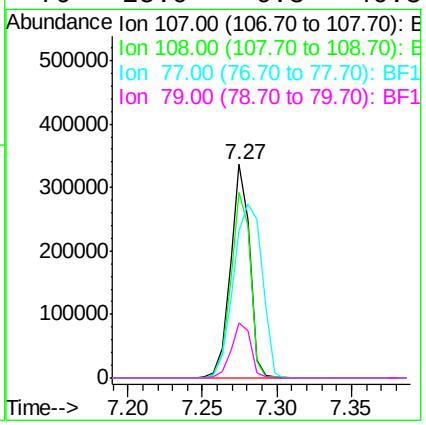
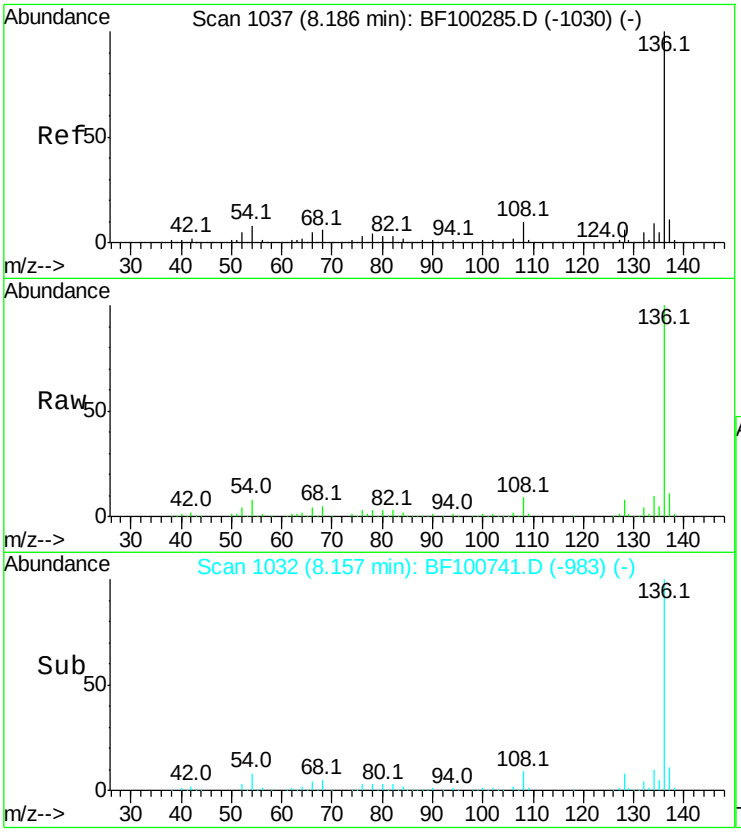


#20
3+4-Methylphenols
Concen: 44.642 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:107 Resp: 305248

Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	68.9	26.7	66.7#
79	25.9	6.3	46.3

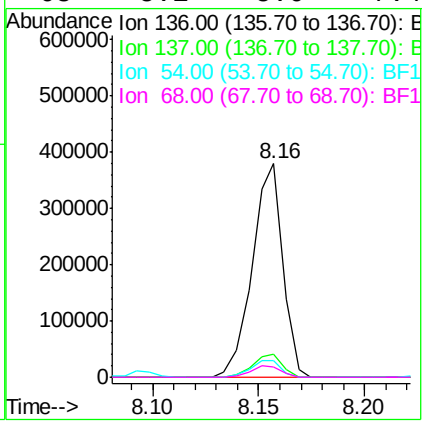




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:136 Resp: 380681

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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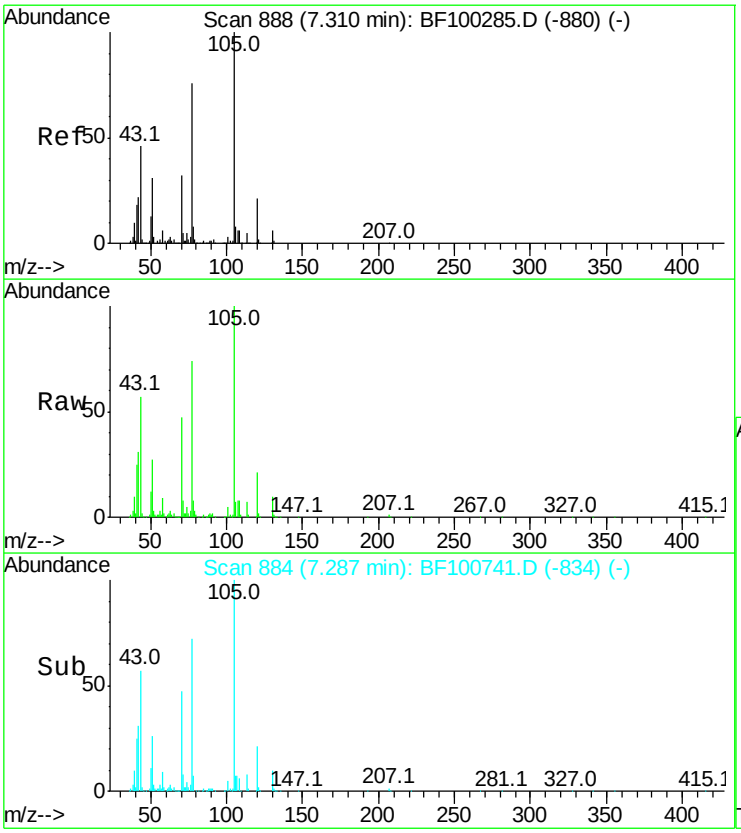
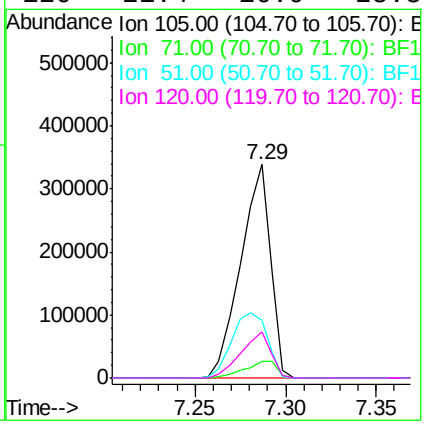
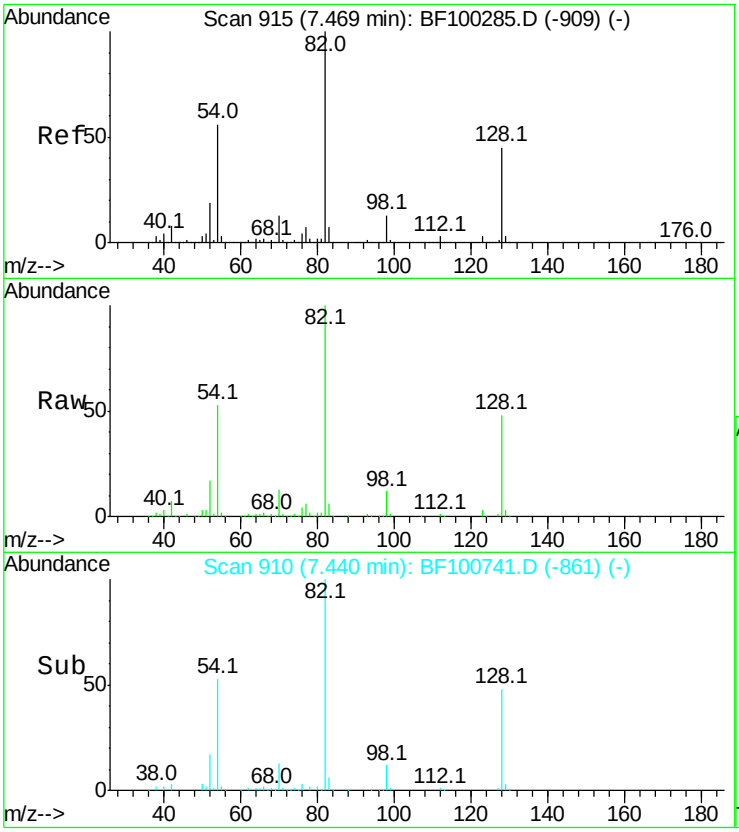


#22
Acetophenone
Concen: 41.648 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:105 Resp: 386610

Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	26.7	22.3	33.5
120	21.4	16.9	25.3

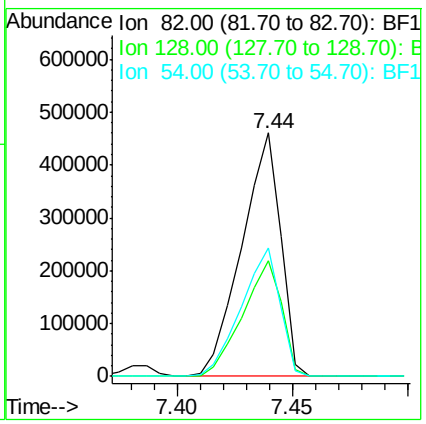




#23
Nitrobenzene-d5
Concen: 94.141 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 82 Resp: 542065

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	52.6	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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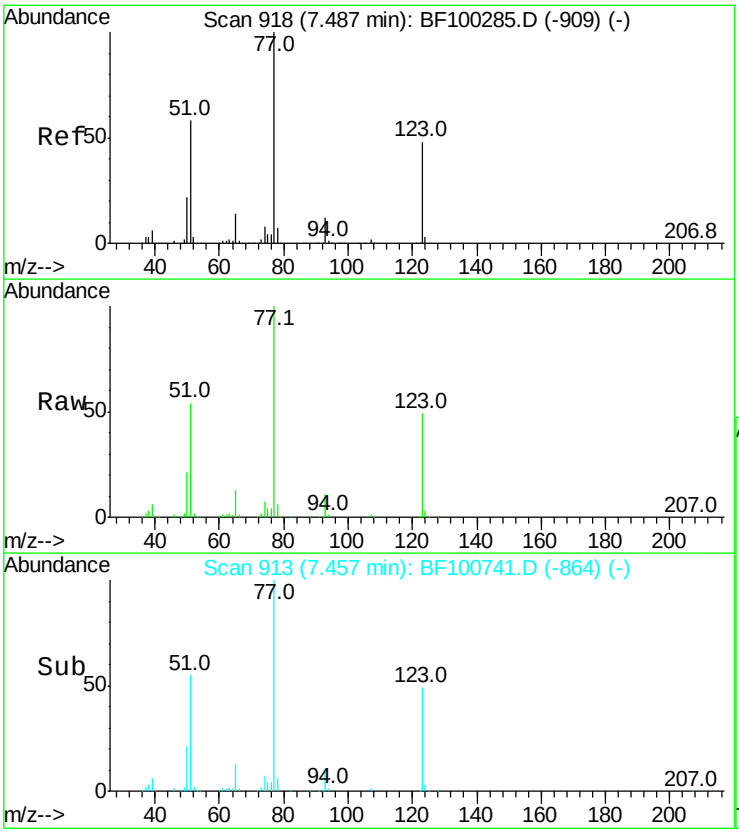
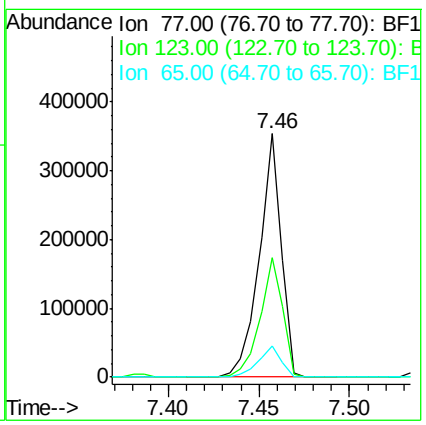
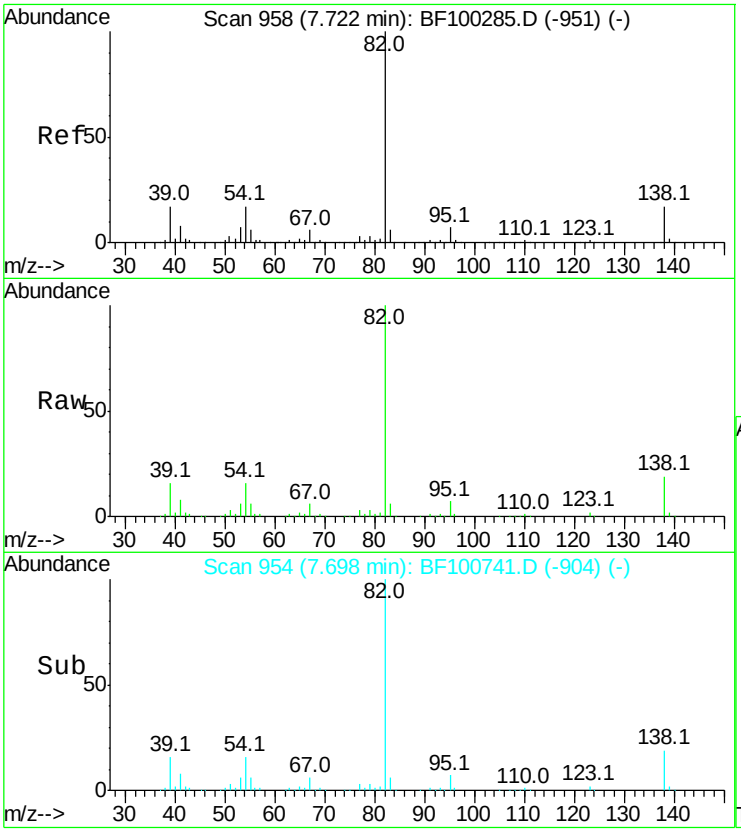


#24
Nitrobenzene
Concen: 50.693 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 77 Resp: 300429

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	13.0	11.0	16.4

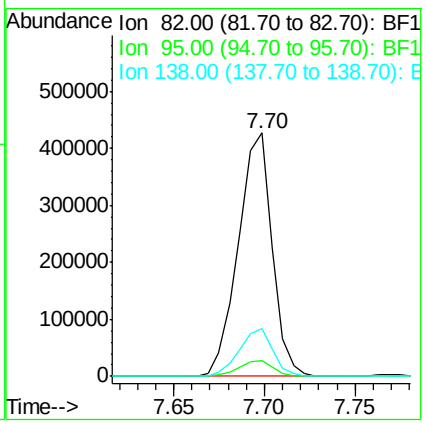




#25
Isophorone
Concen: 45.884 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 82 Resp: 555199

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	19.4	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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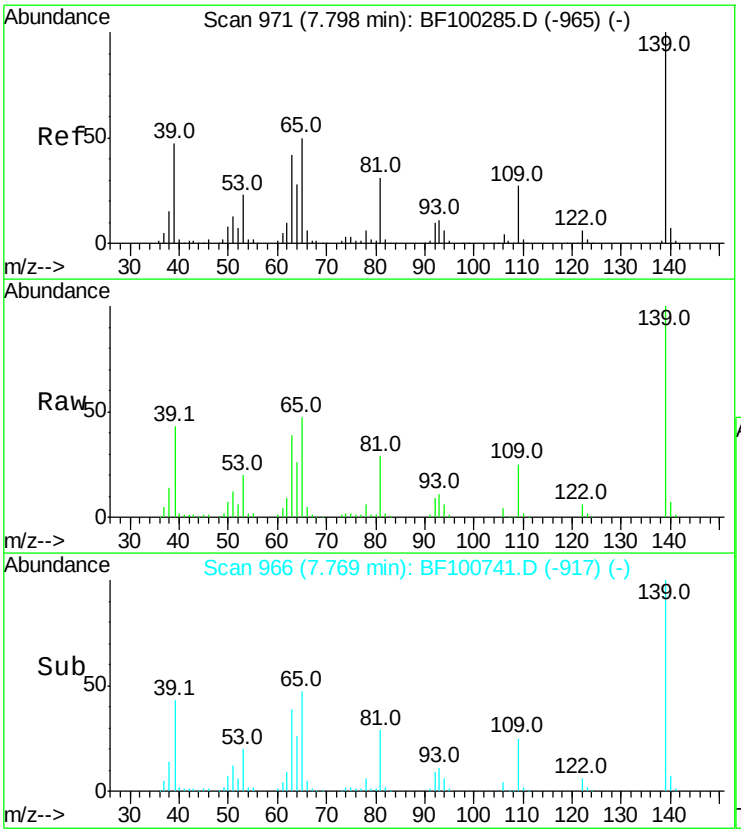
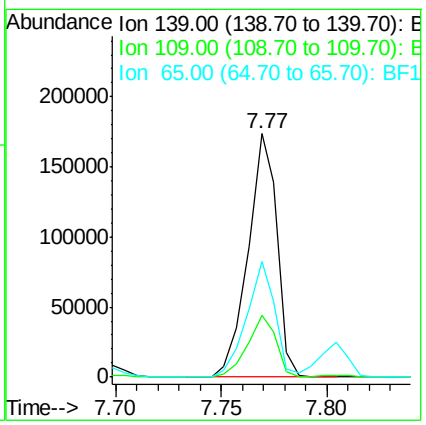
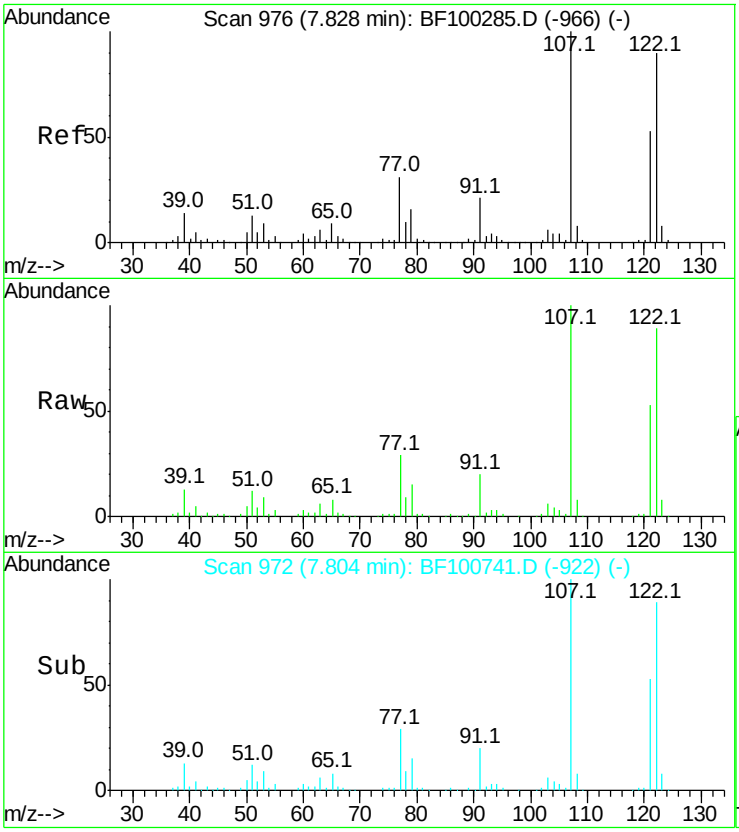


#26
2-Nitrophenol
Concen: 58.263 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:139 Resp: 165492

Ion	Ratio	Lower	Upper
139	100		
109	25.2	22.7	34.1
65	47.3	40.5	60.7

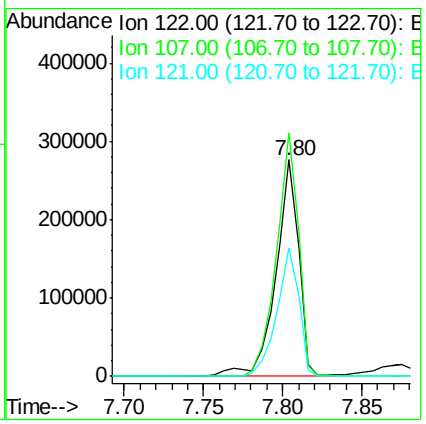




#27
2,4-Dimethylphenol
Concen: 51.055 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:122 Resp: 276931

Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.2	136.8
121	59.2	47.2	70.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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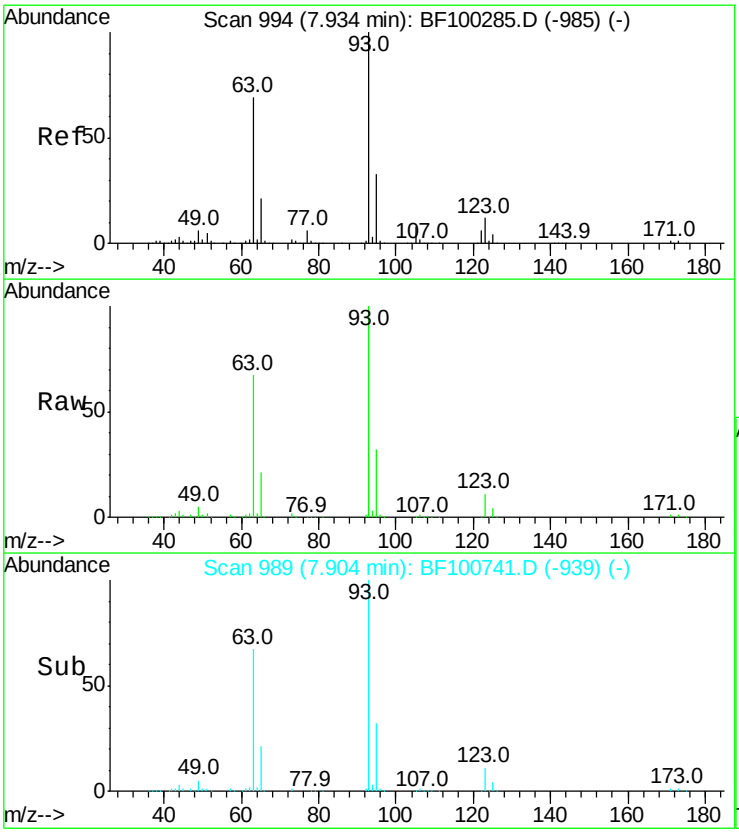
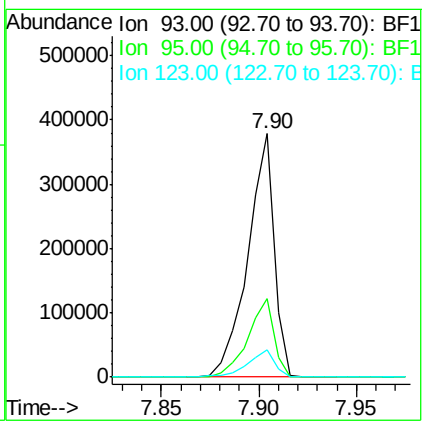
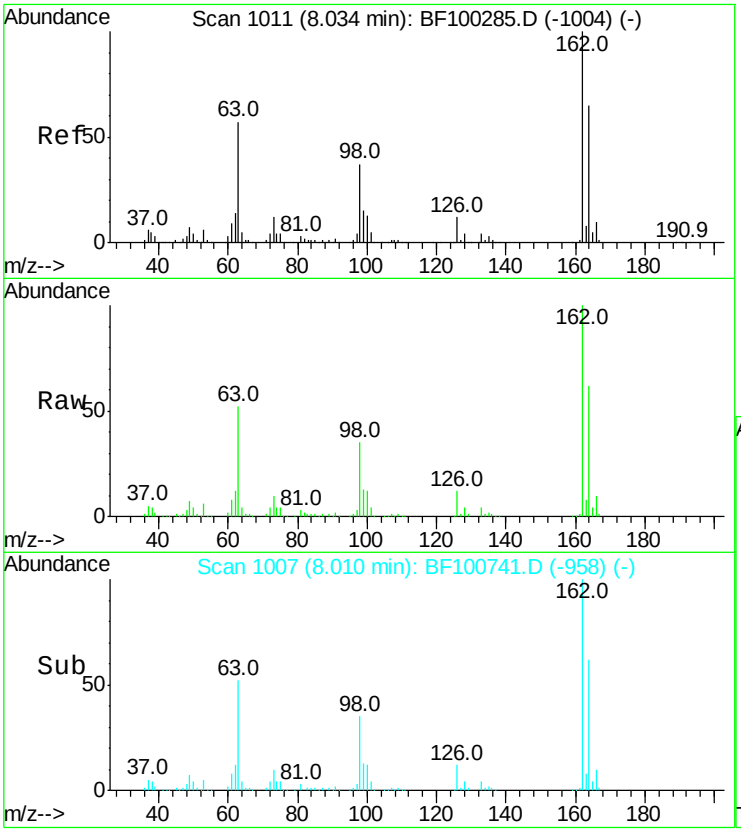


#28
bis(2-Chloroethoxy)methane
Concen: 44.636 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 93 Resp: 353288

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.0	9.8	14.6

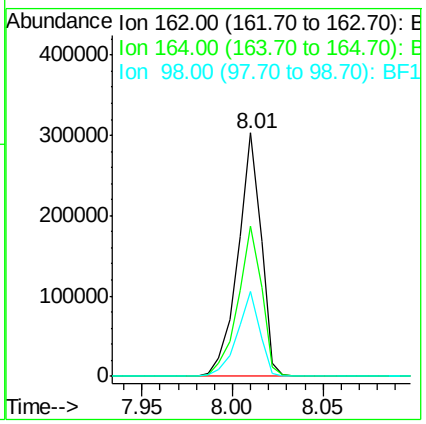




#29
2,4-Dichlorophenol
Concen: 52.027 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:162 Resp: 269404

Ion	Ratio	Lower	Upper
162	100		
164	61.9	42.7	82.7
98	34.8	18.1	58.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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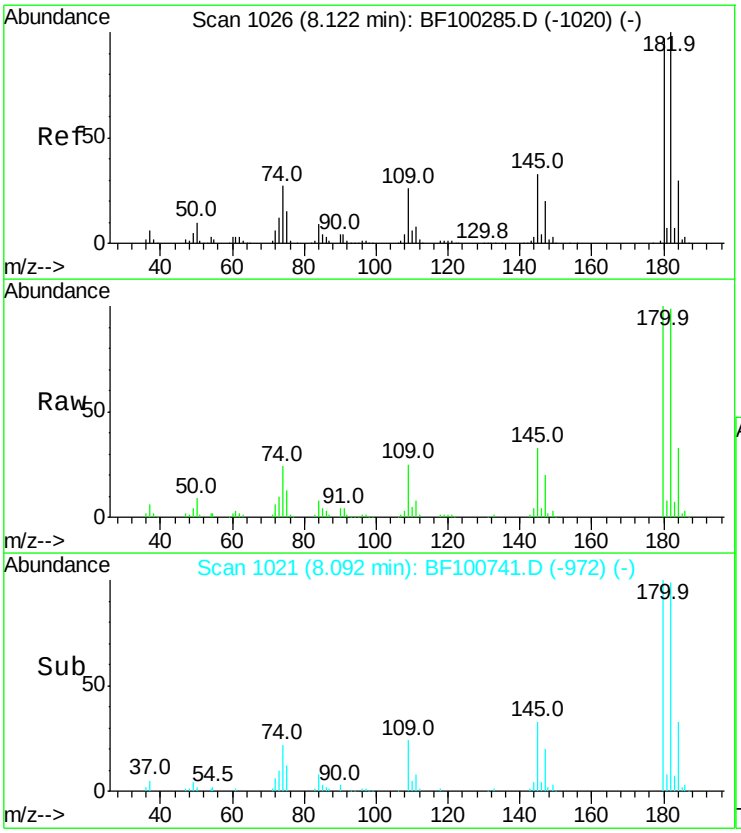
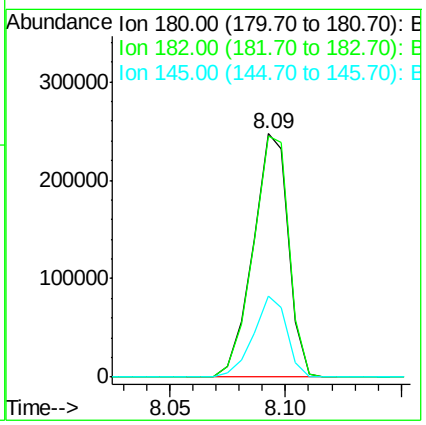
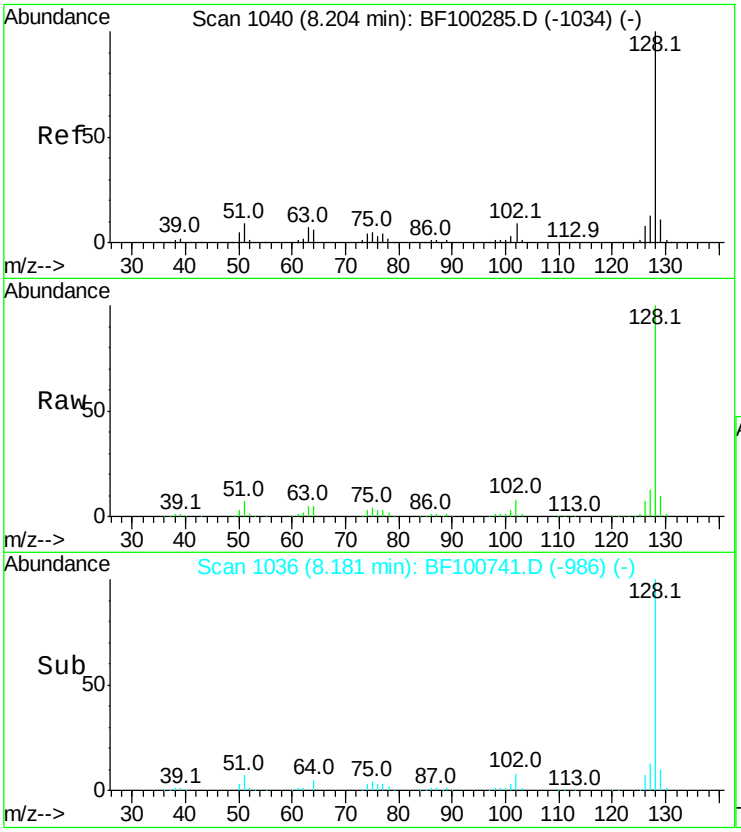


#30
1,2,4-Trichlorobenzene
Concen: 47.031 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:180 Resp: 263429

Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	33.4	26.5	39.7

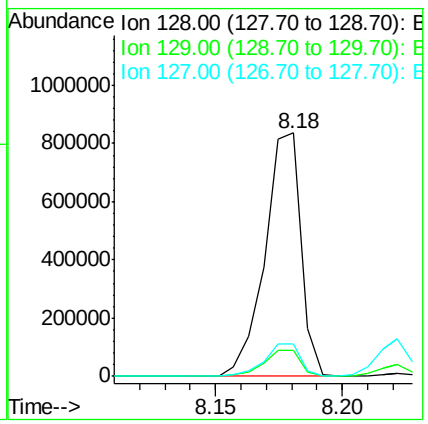




#31
Naphthalene
Concen: 45.569 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:128 Resp: 835543

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.2	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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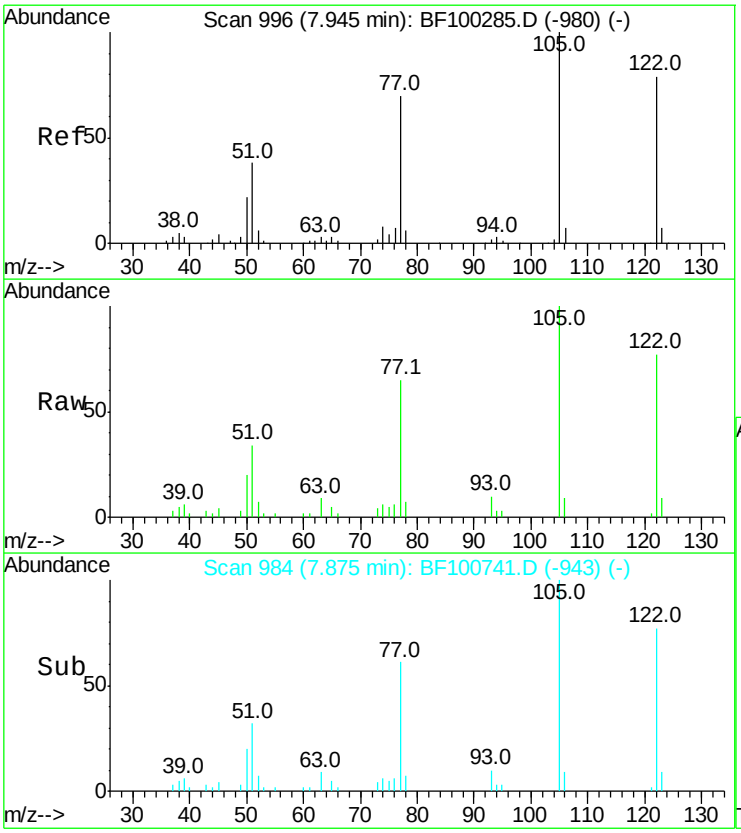
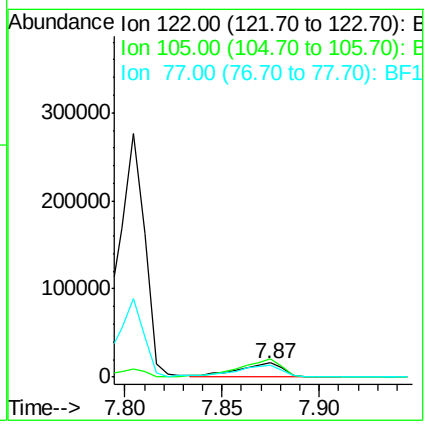
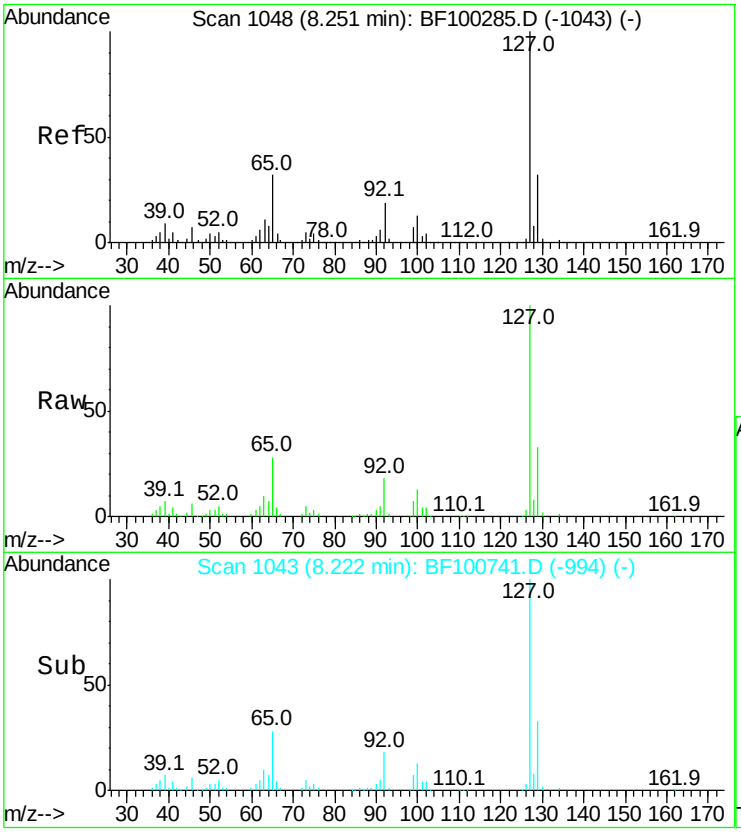


#32
Benzoic acid
Concen: 14.640 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:122 Resp: 27196

Ion	Ratio	Lower	Upper
122	100		
105	130.2	101.1	141.1
77	85.0	70.7	110.7

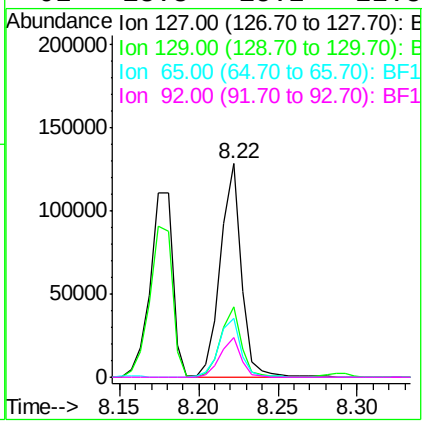




#33
4-Chloroaniline
Concen: 15.539 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:127 Resp: 118599

Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	27.8	25.0	37.4
92	18.3	15.2	22.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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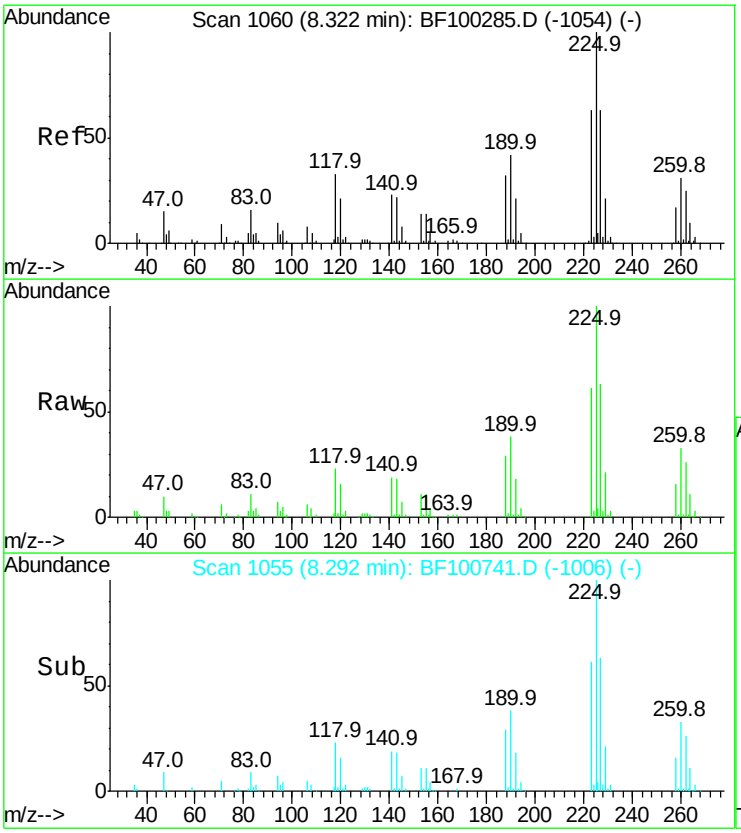
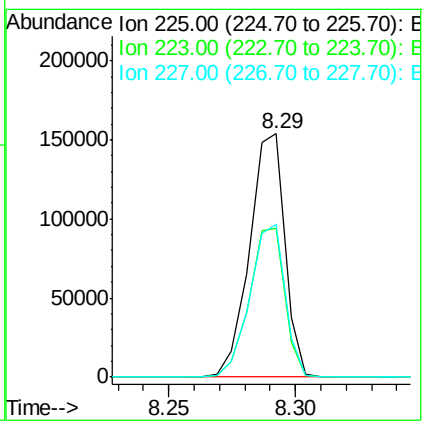
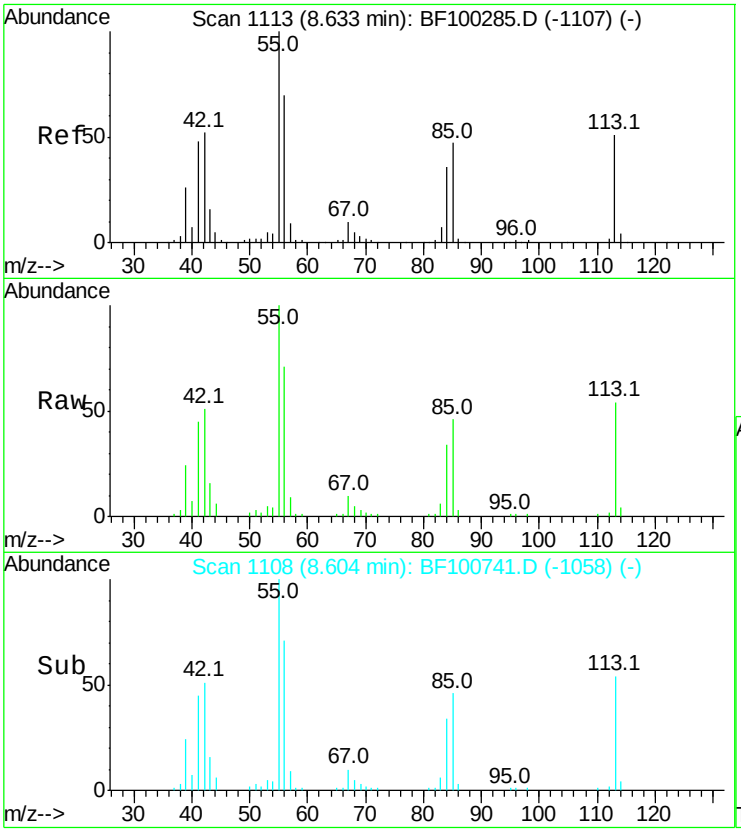


#34
Hexachlorobutadiene
Concen: 45.021 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:225 Resp: 149935

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	62.6	51.9	77.9

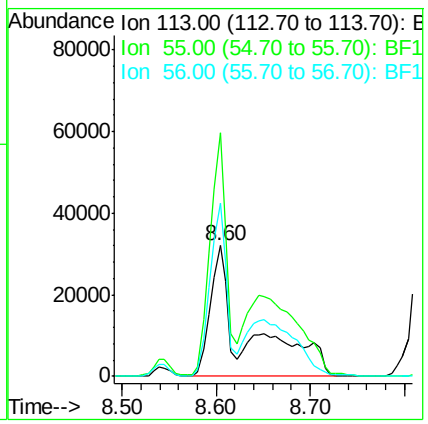




#35
Caprolactam
Concen: 48.086 ng m
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:113 Resp: 85451

Ion	Ratio	Lower	Upper
113	100		
55	186.1	163.3	203.3
56	132.0	115.7	155.7



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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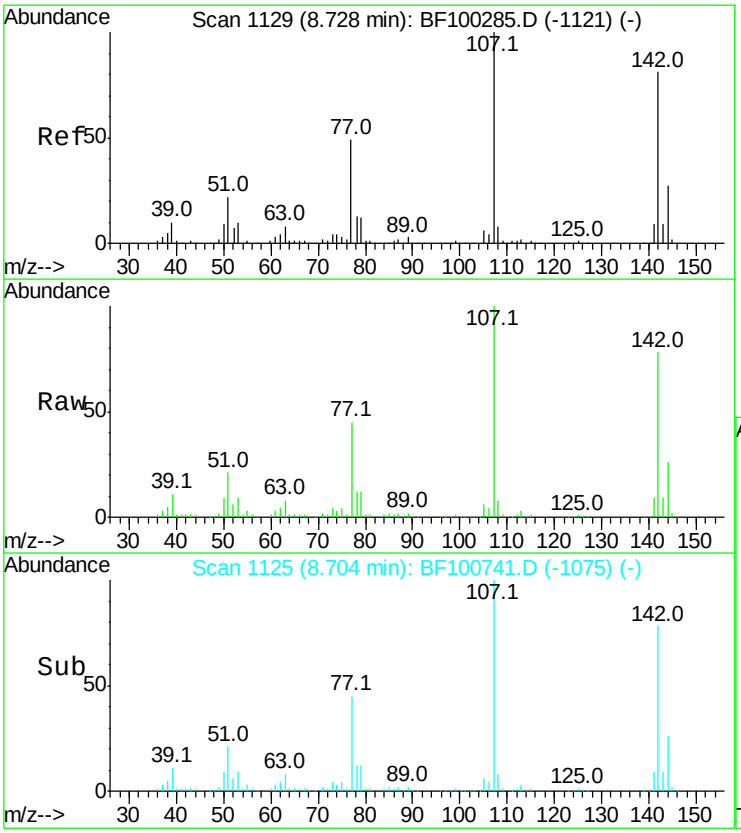
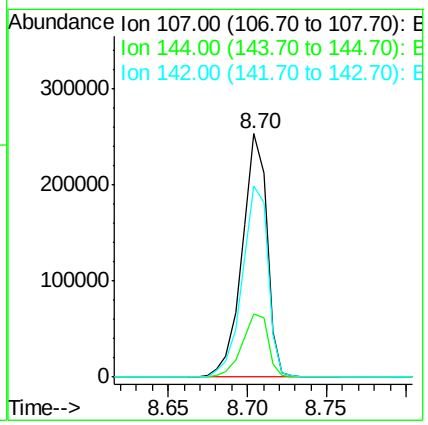
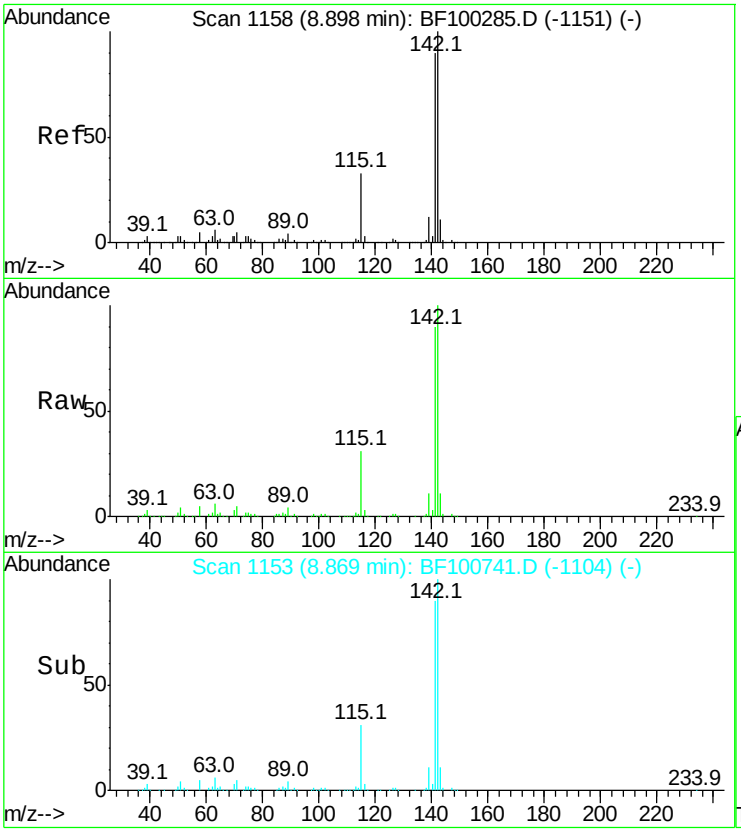


#36
4-Chloro-3-methylphenol
Concen: 49.387 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:107 Resp: 274658

Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	78.4	62.0	93.0

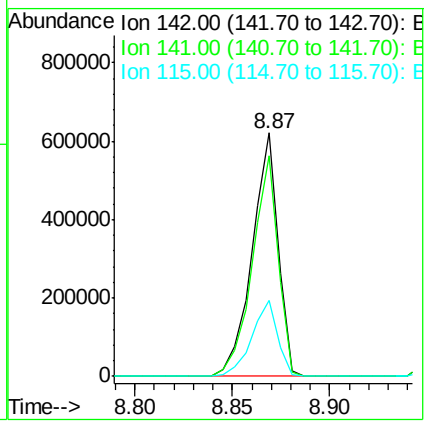




#37
2-Methylnaphthalene
Concen: 46.999 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:142 Resp: 572124

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	31.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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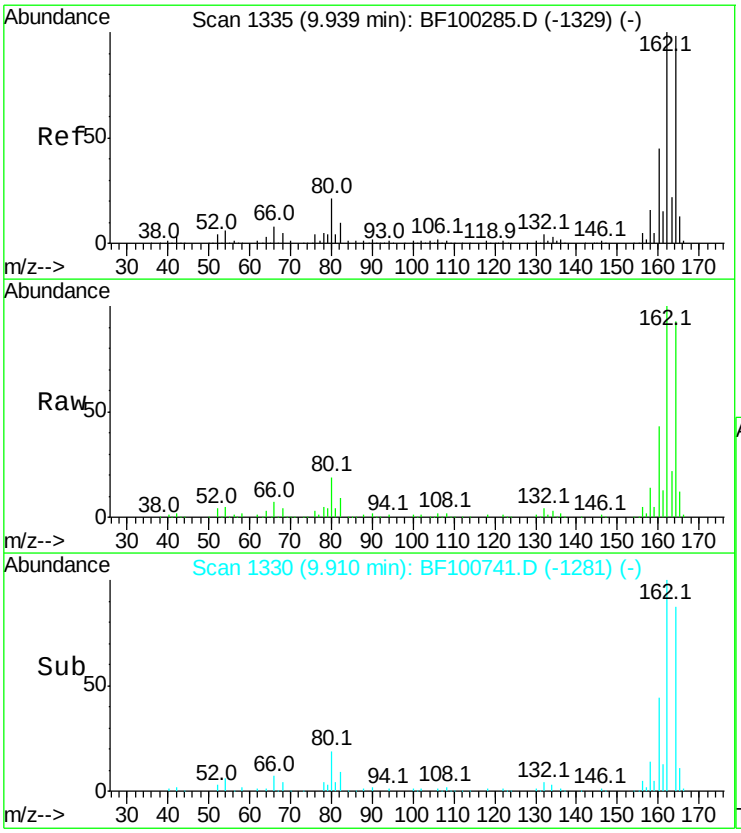
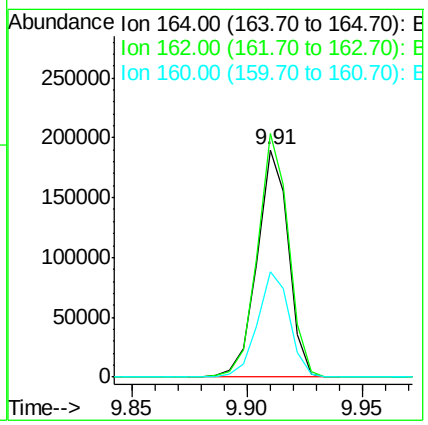
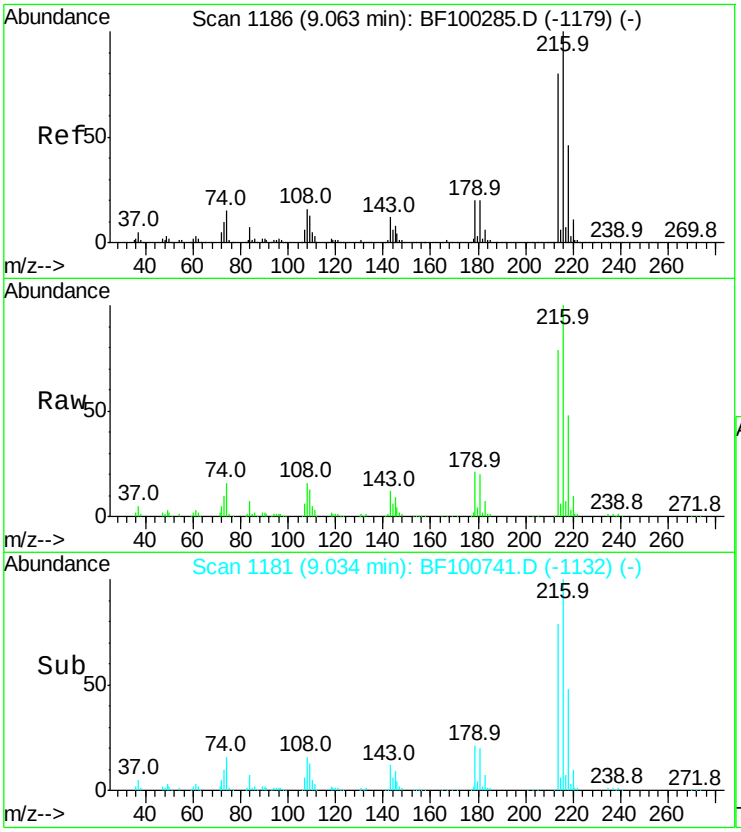


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:164 Resp: 179814

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	46.6	38.3	57.5

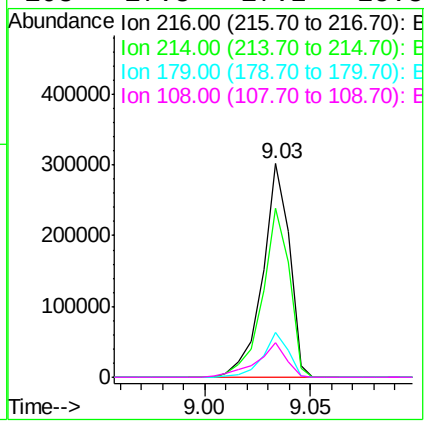




#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.670 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:216 Resp: 266393

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.1	18.1	27.1
108	17.8	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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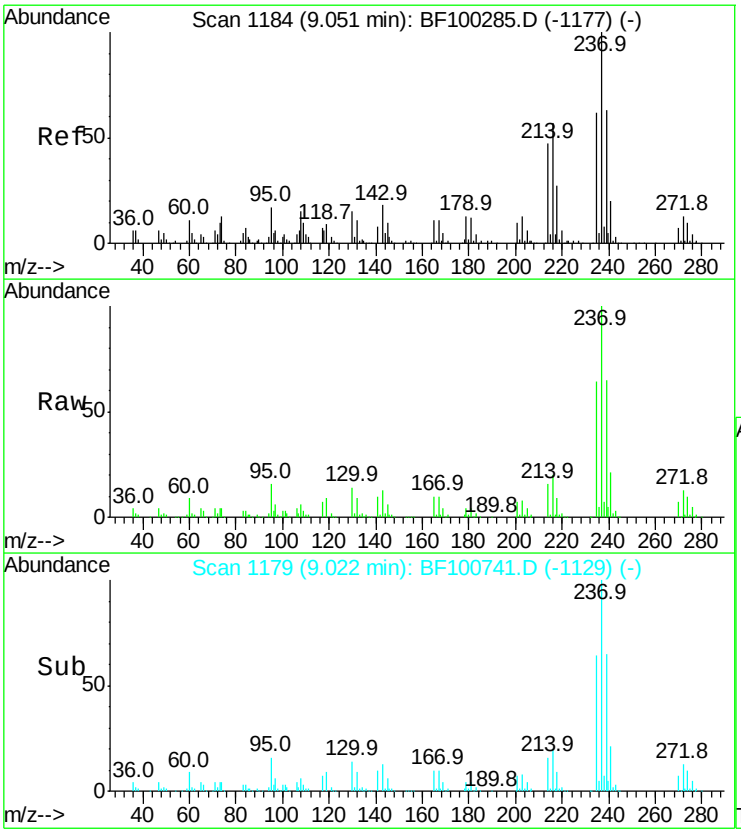
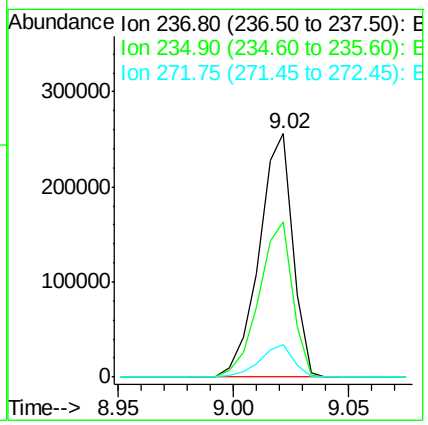
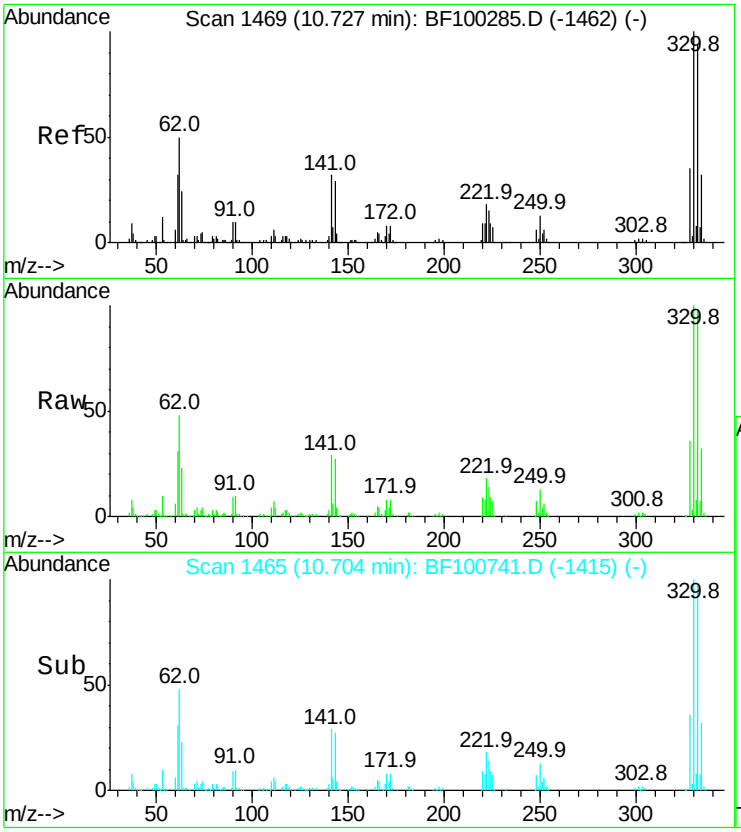


#40
Hexachlorocyclopentadiene
Concen: 92.279 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:237 Resp: 259002

Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.2	0.0	33.3





#41
2,4,6-Tribromophenol
Concen: 138.683 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:330 Resp: 254110

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.4	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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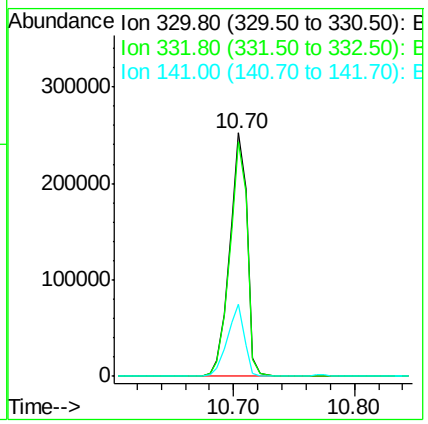
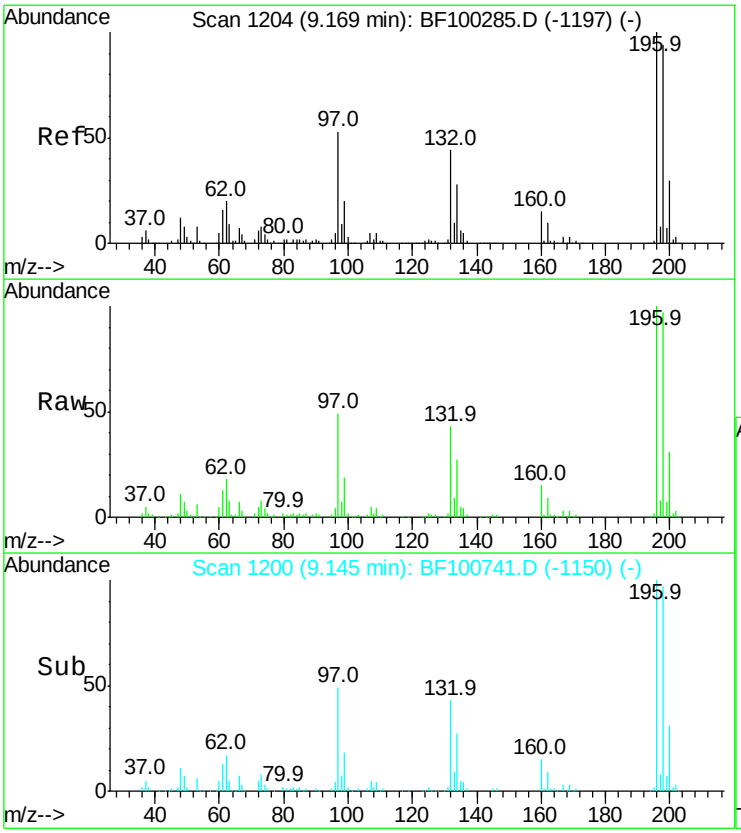
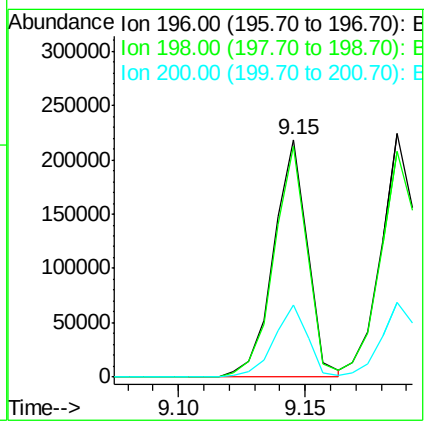


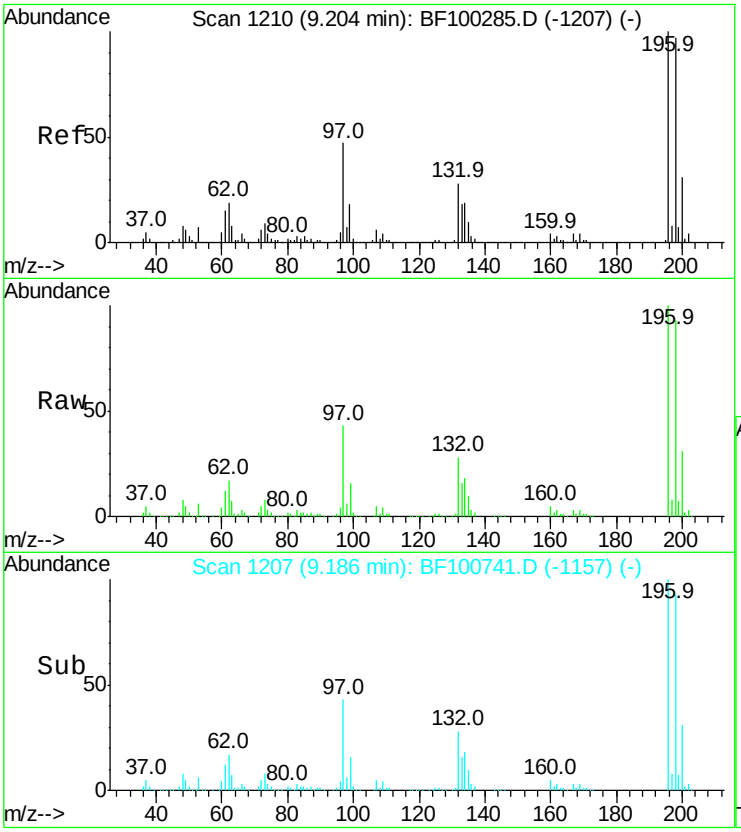


#42
2,4,6-Trichlorophenol
Concen: 53.244 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:196 Resp: 201240

Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	30.5	24.5	36.7

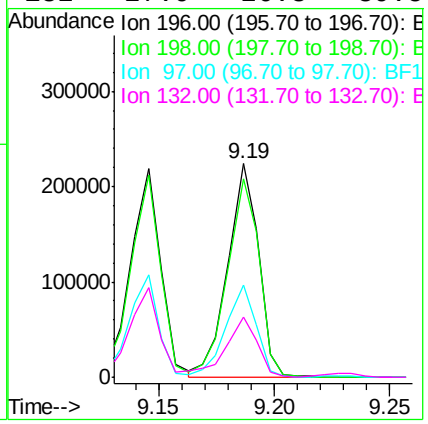




#43
2,4,5-Trichlorophenol
Concen: 53.373 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:196 Resp: 209005

Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	43.3	42.9	64.3
132	27.9	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
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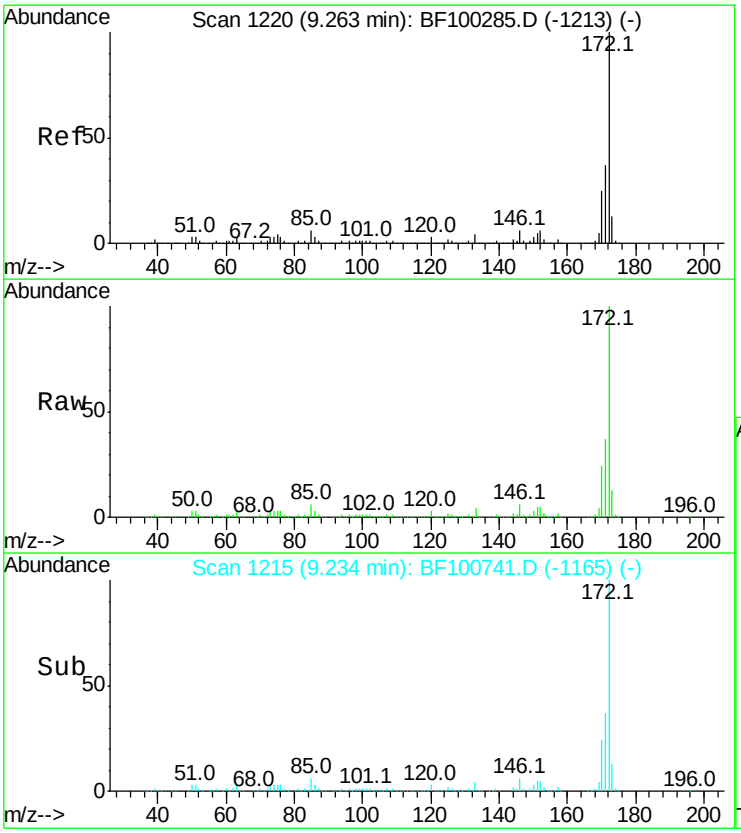
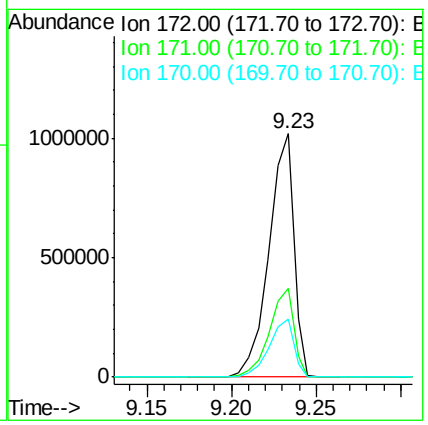
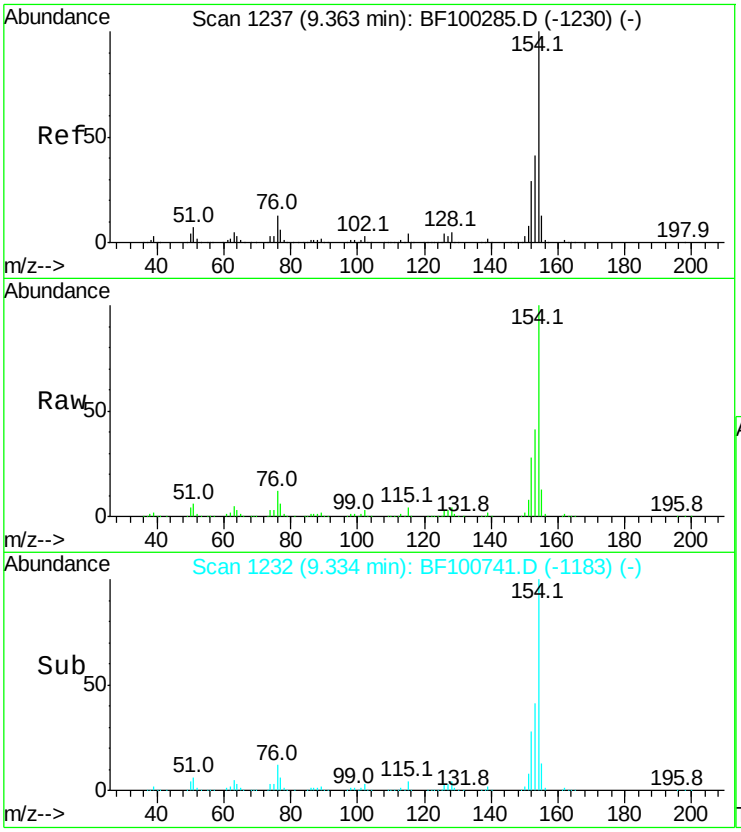


#44
2-Fluorobiphenyl
Concen: 88.207 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:172 Resp: 1041617

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4

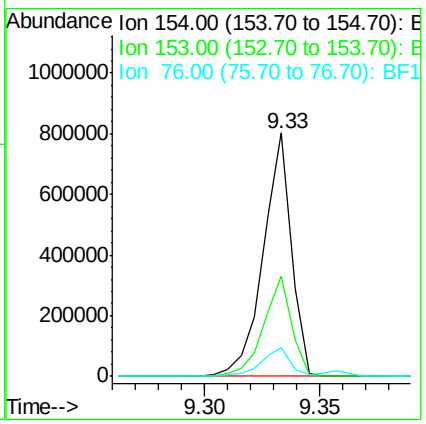




#45
1,1'-Biphenyl
Concen: 43.759 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:154 Resp: 680540

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	11.8	0.0	34.0



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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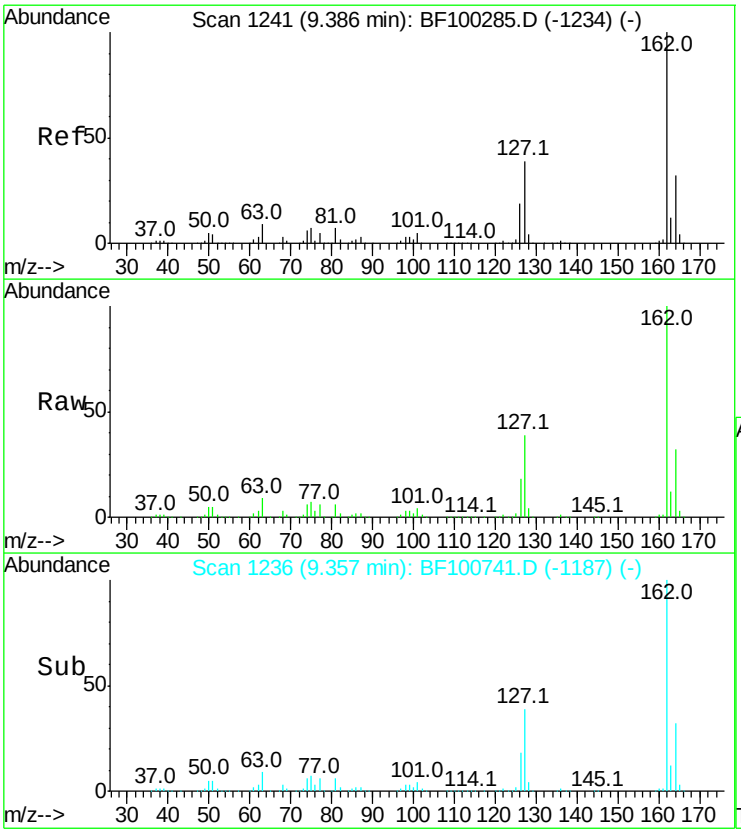
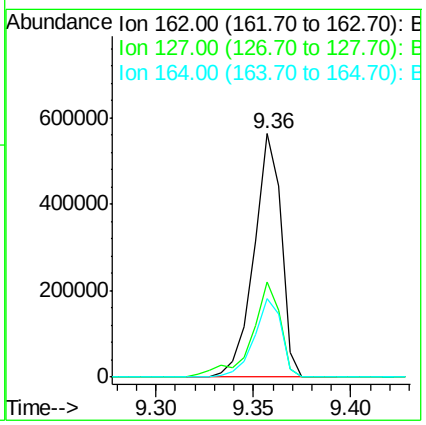
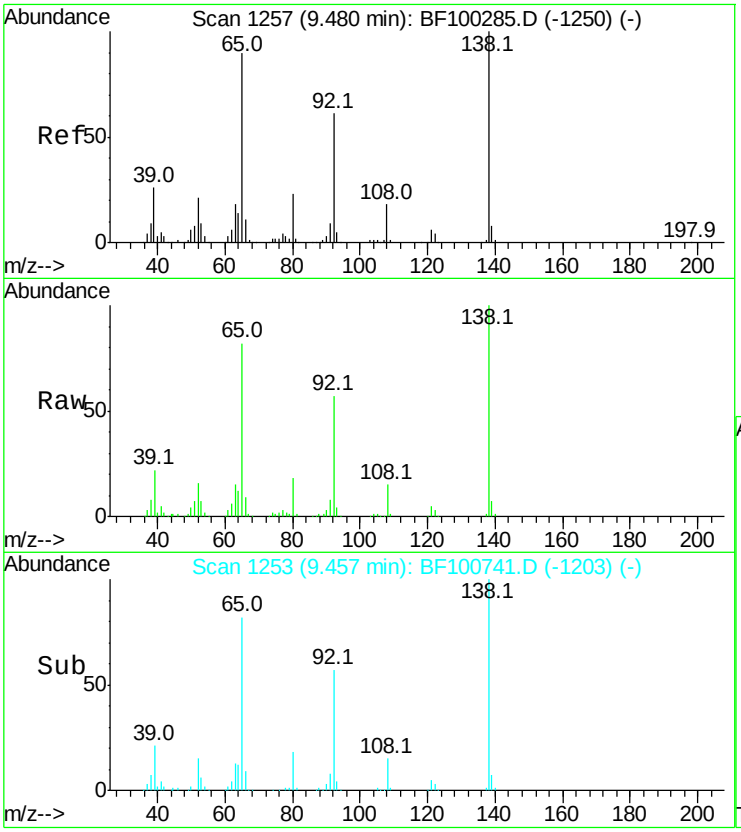


#46
2-Chloronaphthalene
Concen: 48.295 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:162 Resp: 544891

Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	32.4	26.5	39.7

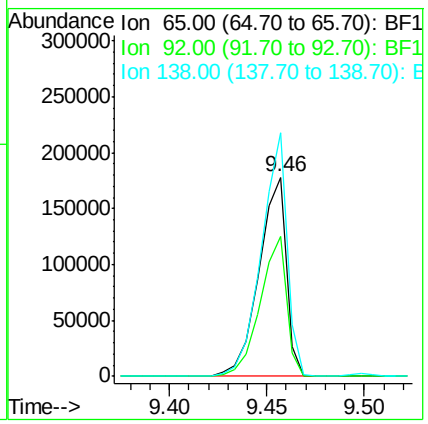




#47
2-Nitroaniline
Concen: 51.513 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 65 Resp: 172453

Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.8	83.6
138	122.2	91.2	136.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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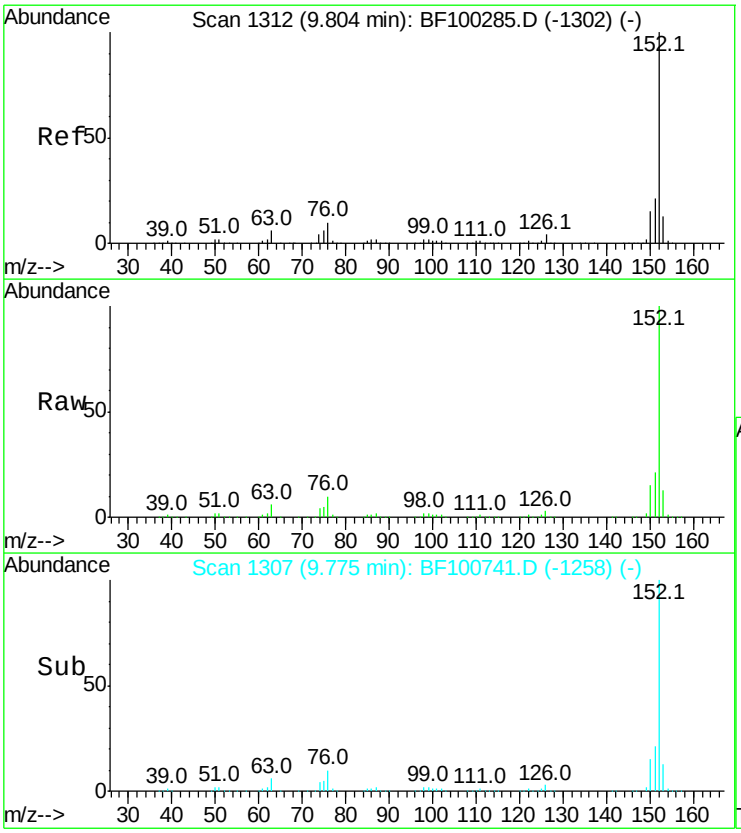
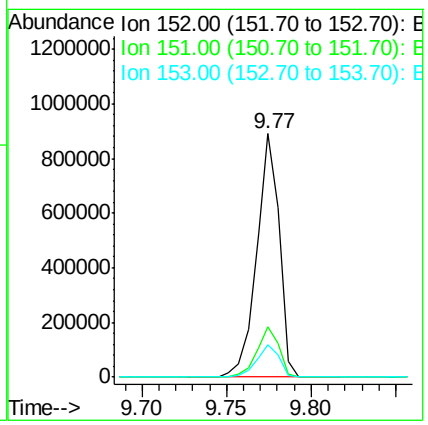
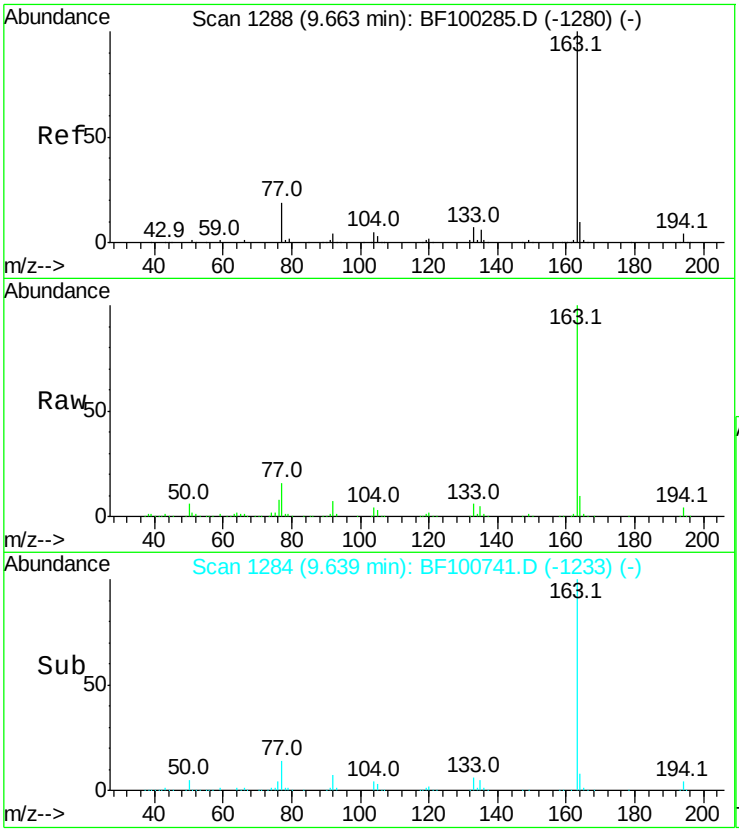


#48
Acenaphthylene
Concen: 44.232 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:152 Resp: 827034

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1

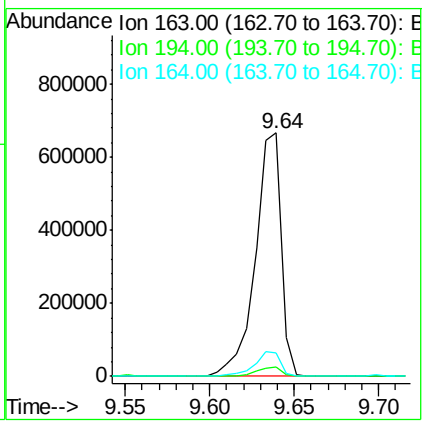




#49
Dimethylphthalate
Concen: 51.831 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:163 Resp: 711590

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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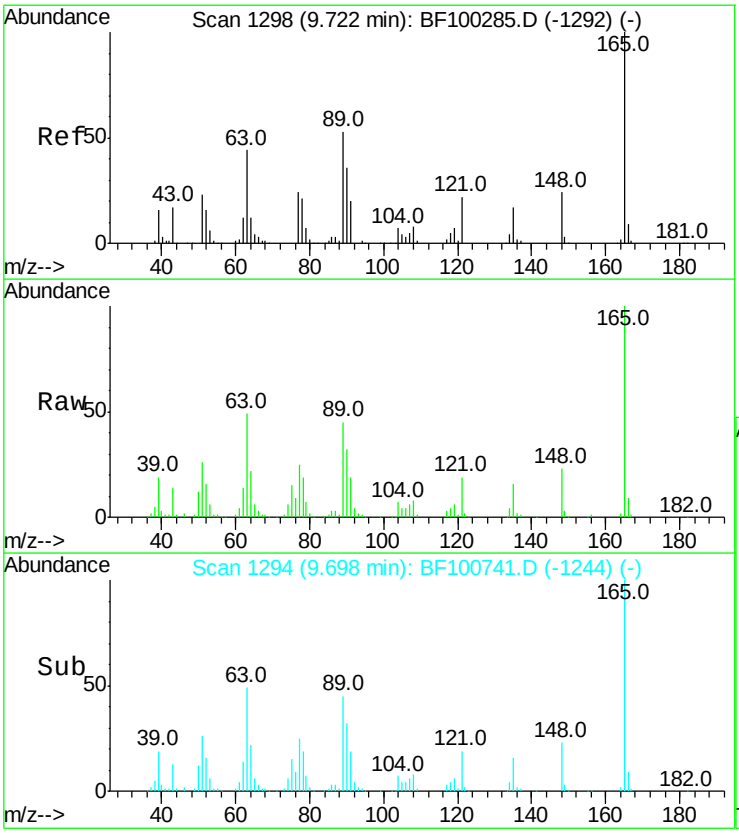
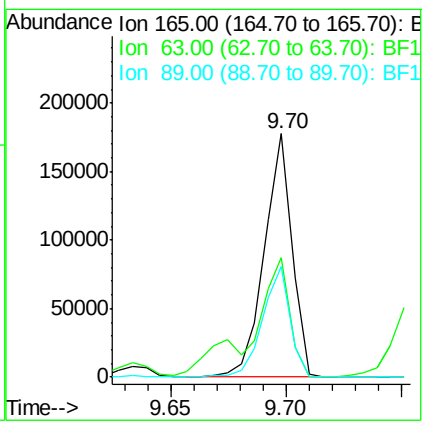
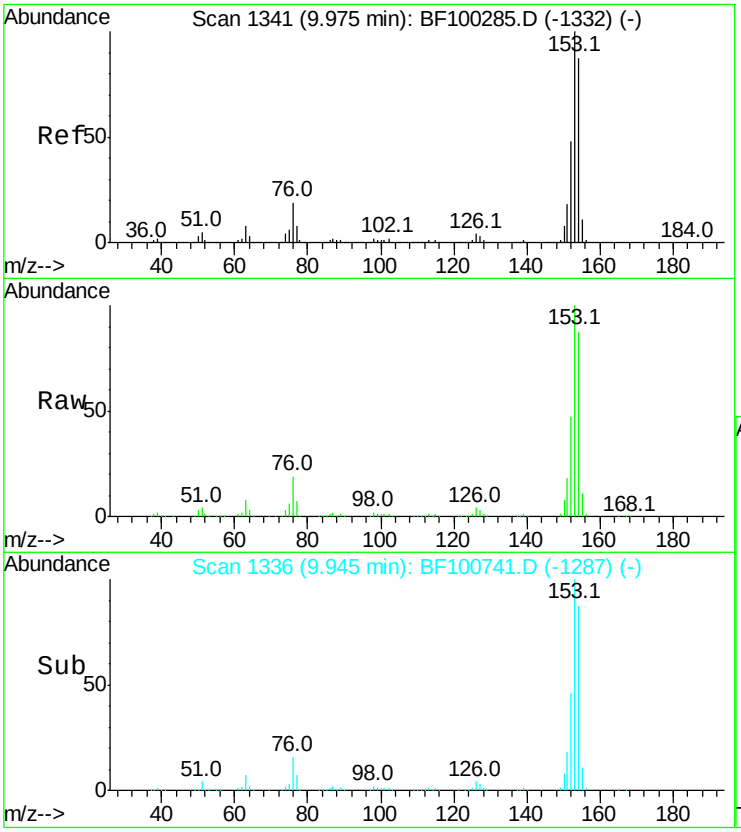


#50
2,6-Dinitrotoluene
Concen: 54.721 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:165 Resp: 148708

Ion	Ratio	Lower	Upper
165	100		
63	48.9	44.7	67.1
89	45.2	44.0	66.0

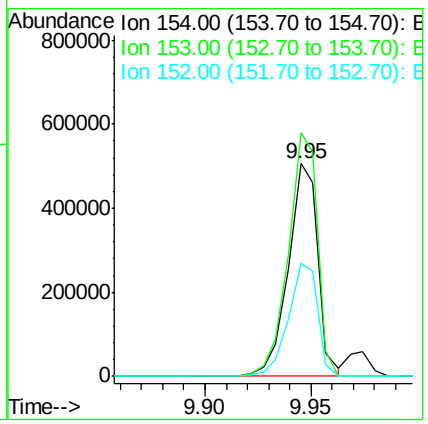




#51
Acenaphthene
Concen: 43.645 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:154 Resp: 496310

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	53.4	43.8	65.8



Instrument :
BNA_F
ClientSampleId :
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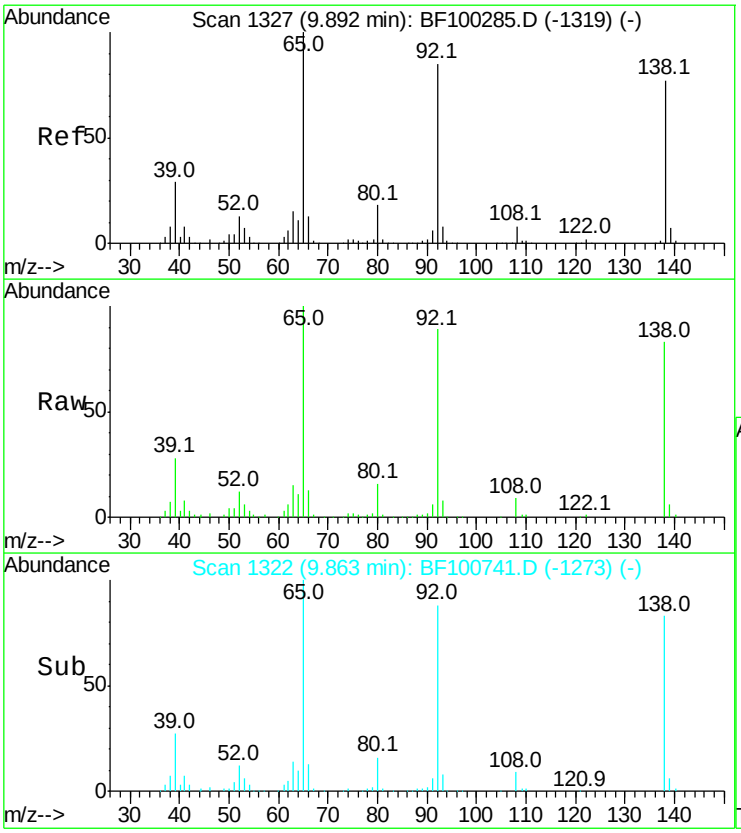
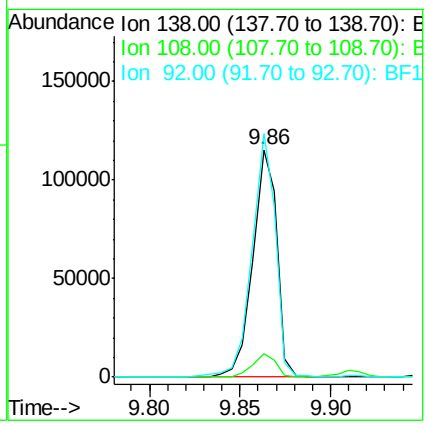
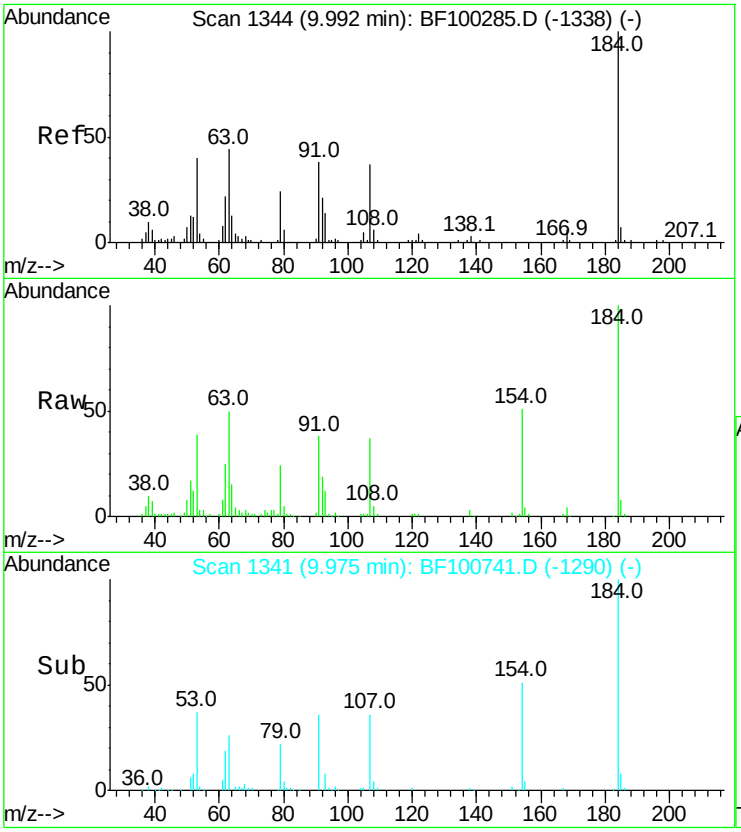


#52
3-Nitroaniline
Concen: 33.130 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:138 Resp: 106315

Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	107.1	89.4	134.2





#53
2,4-Dinitrophenol
Concen: 82.480 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:184 Resp: 99738

Ion	Ratio	Lower	Upper
184	100		
63	50.5	54.2	81.2#
154	51.0	184.0	276.0#

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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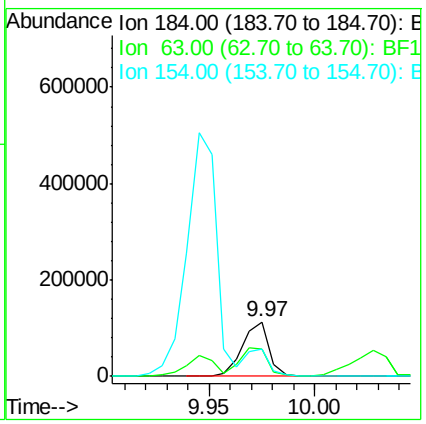
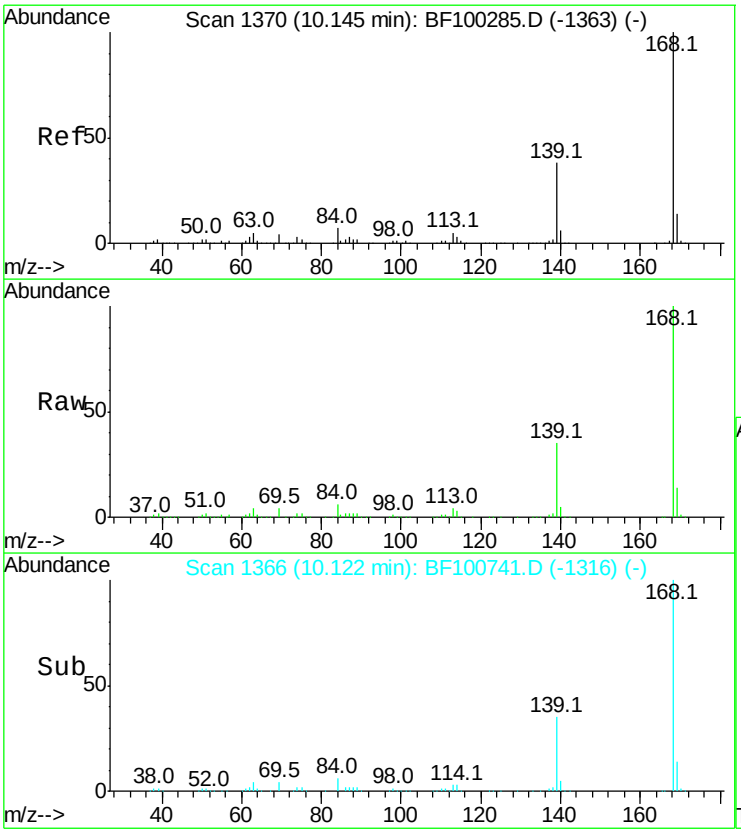
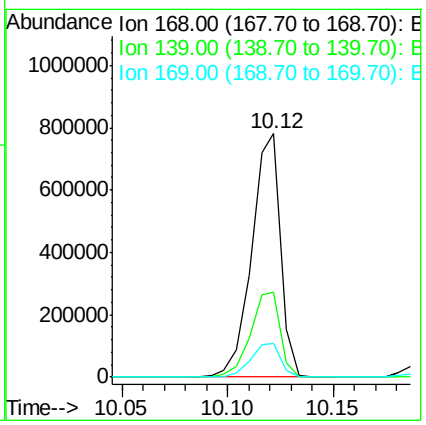


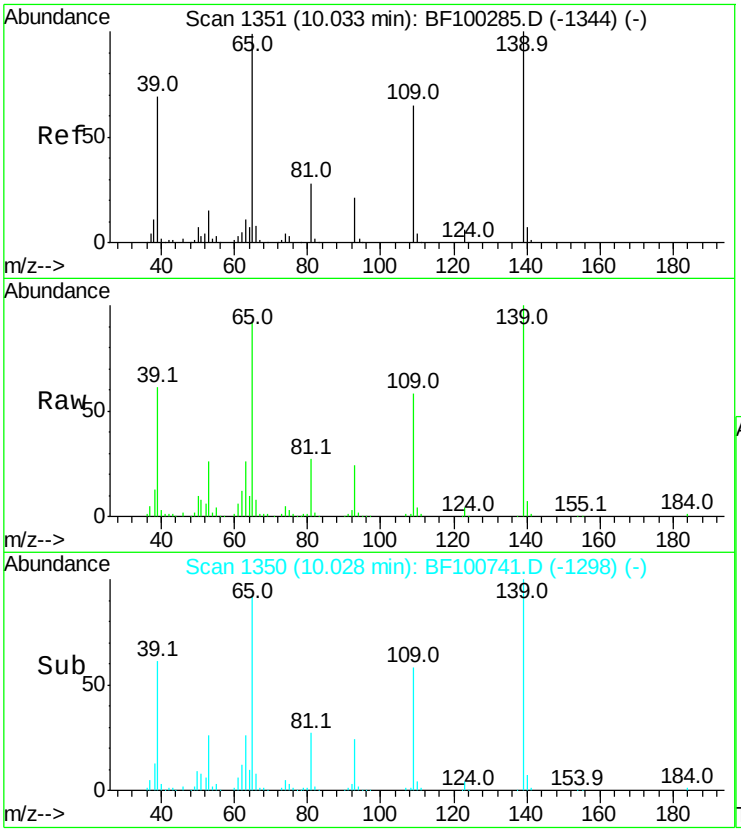


#54
Dibenzofuran
Concen: 46.410 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:168 Resp: 739682

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.1	45.1
169	13.8	10.9	16.3

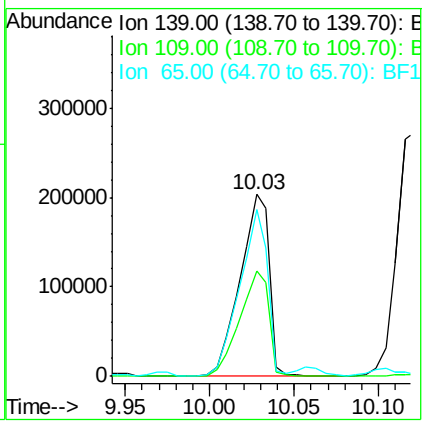




#55
4-Nitrophenol
Concen: 94.783 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:139 Resp: 246977

Ion	Ratio	Lower	Upper
139	100		
109	57.7	48.4	88.4
65	91.9	72.6	112.6



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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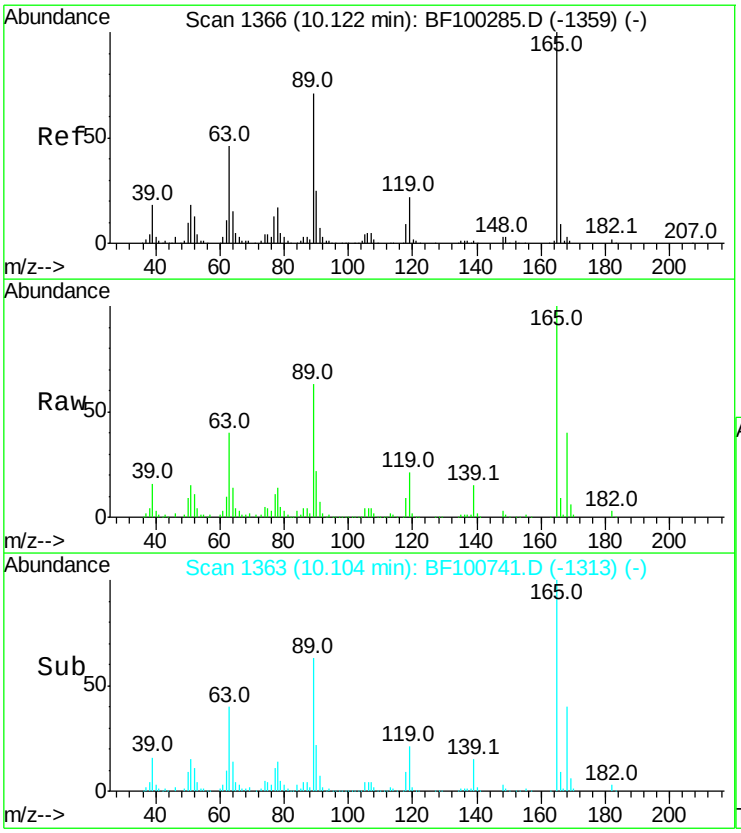
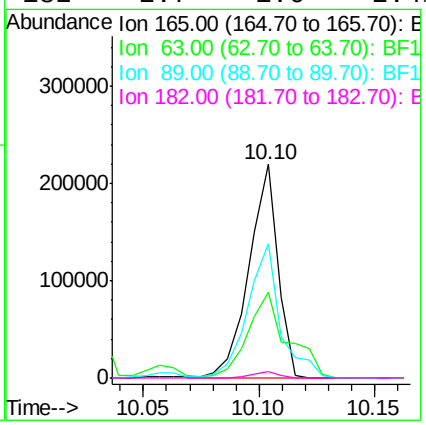
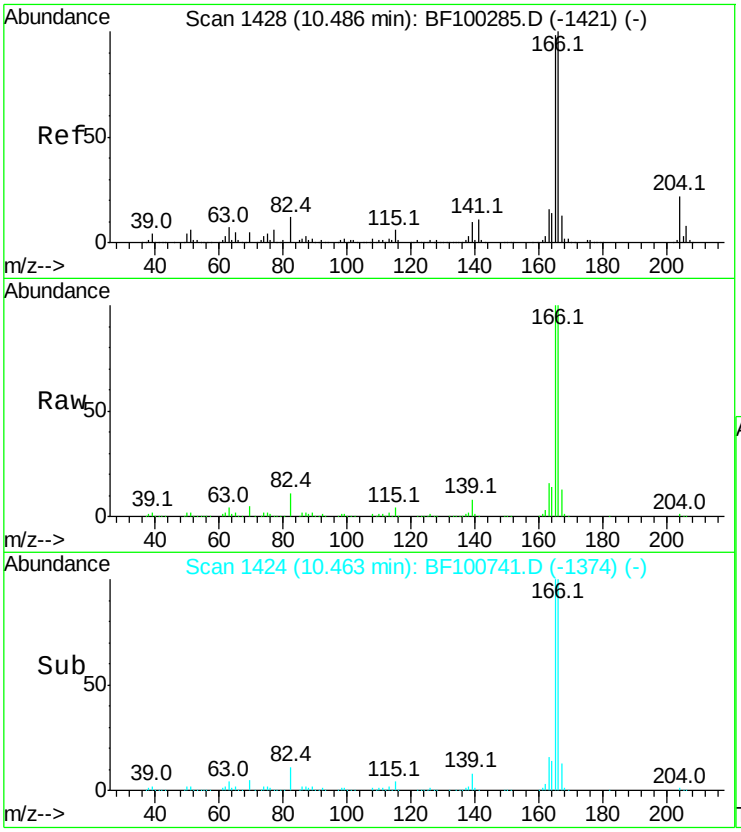


#56
2,4-Dinitrotoluene
Concen: 56.544 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:165 Resp: 193853

Ion	Ratio	Lower	Upper
165	100		
63	40.4	36.4	54.6
89	63.2	57.8	86.6
182	2.7	1.6	2.4#

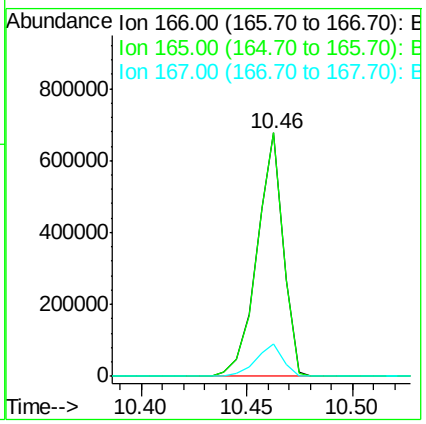




#57
Fluorene
Concen: 50.030 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:166 Resp: 584136

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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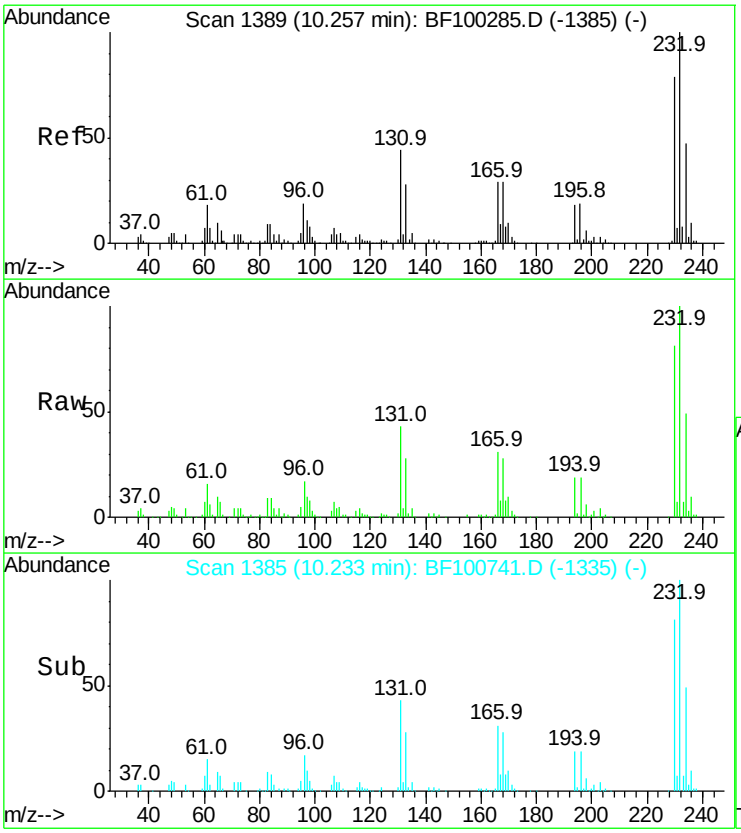
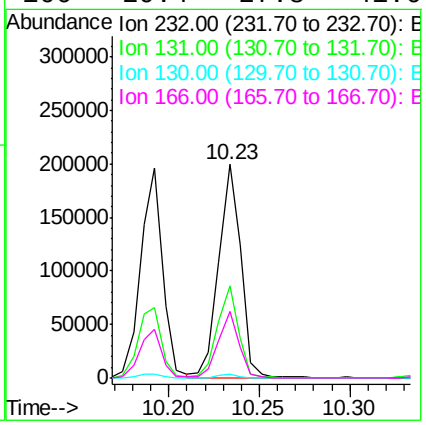
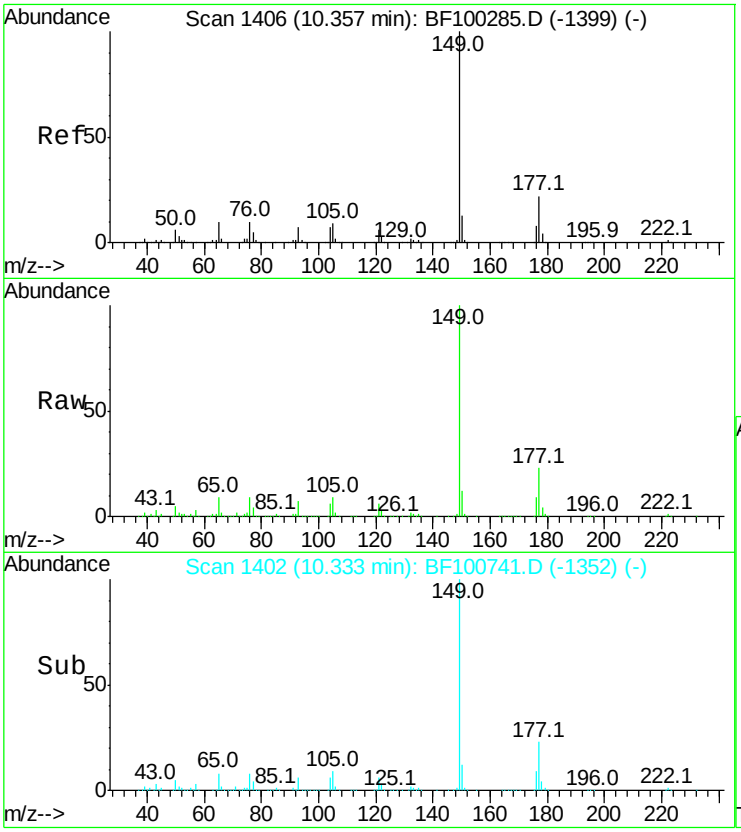


#58
2,3,4,6-Tetrachlorophenol
Concen: 52.907 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:232 Resp: 169800

Ion	Ratio	Lower	Upper
232	100		
131	41.4	43.8	65.8#
130	1.9	2.1	3.1#
166	29.4	27.8	41.6

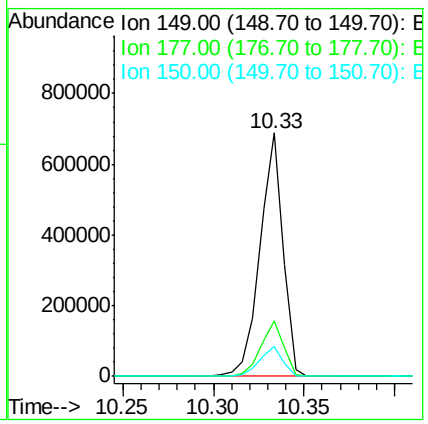




#59
Diethylphthalate
Concen: 44.312 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:149 Resp: 608803

Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	12.3	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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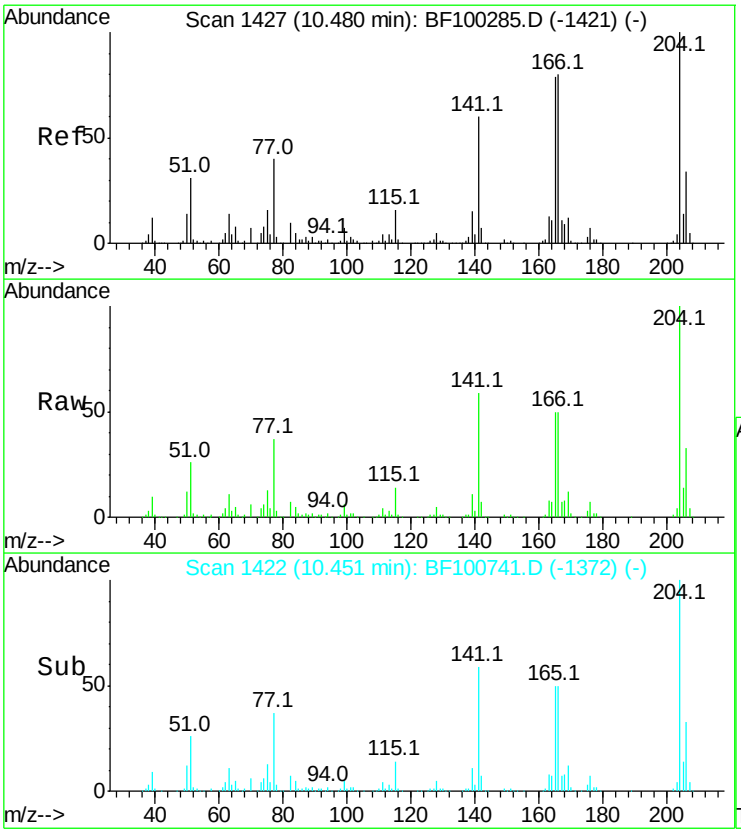
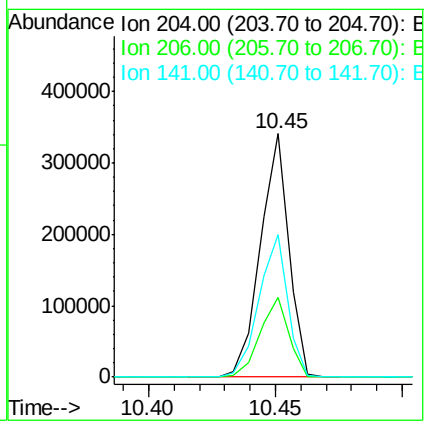
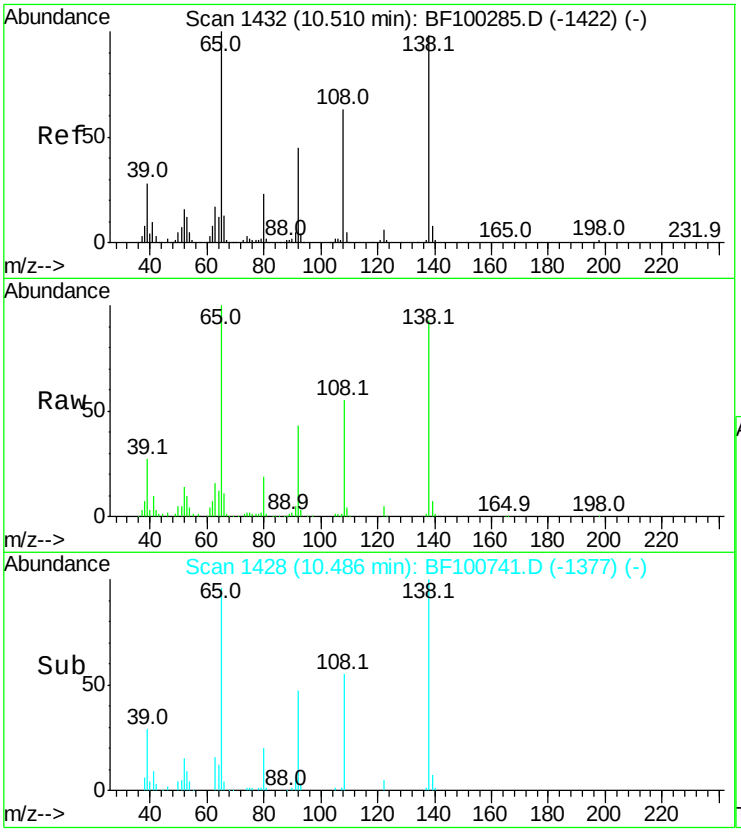


#60
4-Chlorophenyl-phenylether
Concen: 46.828 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:204 Resp: 268216

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.7	54.6	81.8

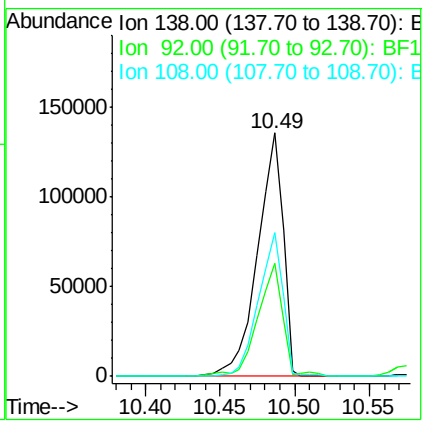




#61
4-Nitroaniline
Concen: 52.328 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:138 Resp: 159228

Ion	Ratio	Lower	Upper
138	100		
92	46.5	30.2	70.2
108	59.3	52.5	92.5



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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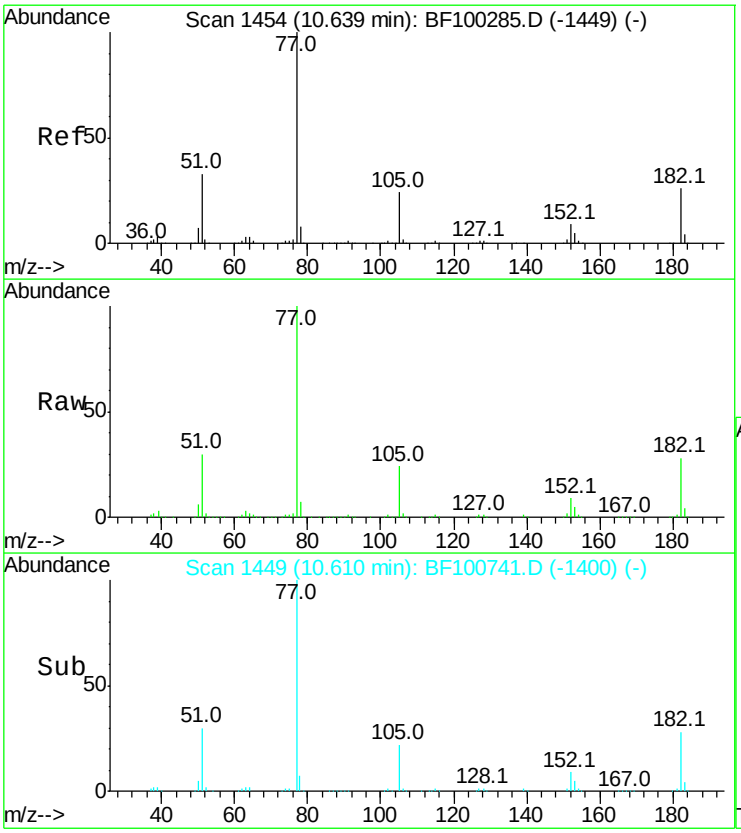
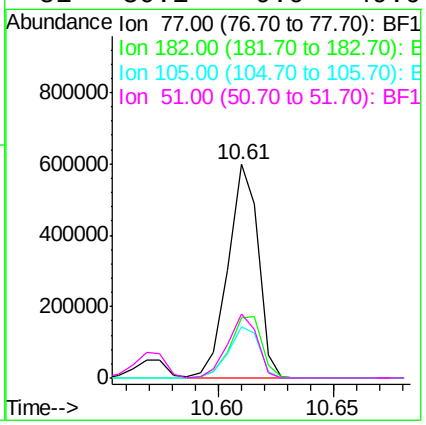
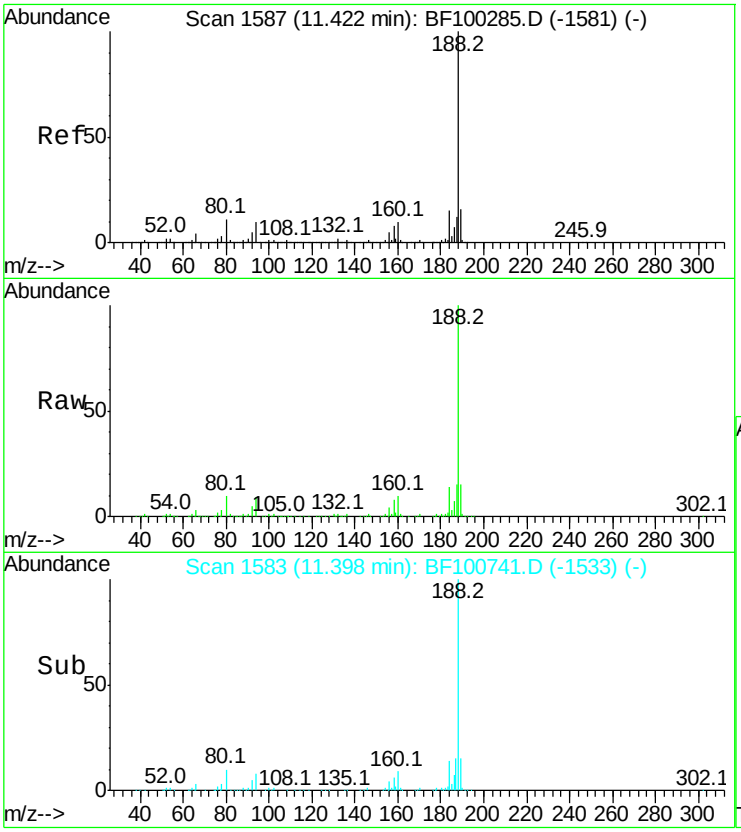


#62
Azobenzene
Concen: 42.063 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion: 77 Resp: 544288

Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	23.9	3.0	43.0
51	30.1	9.9	49.9





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:188 Resp: 348378

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.8	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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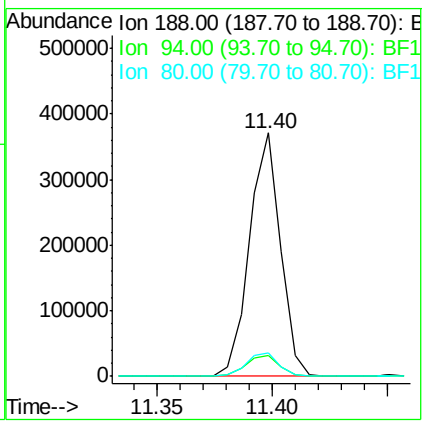
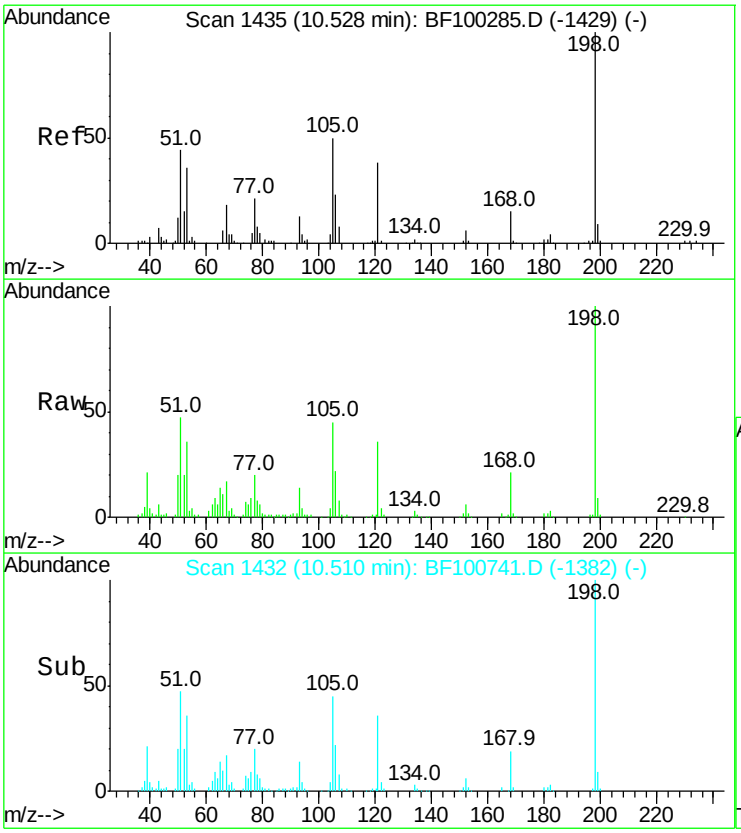
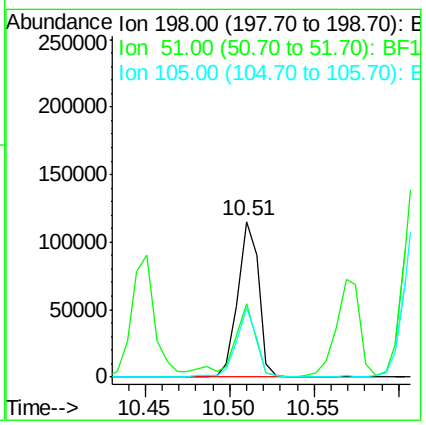


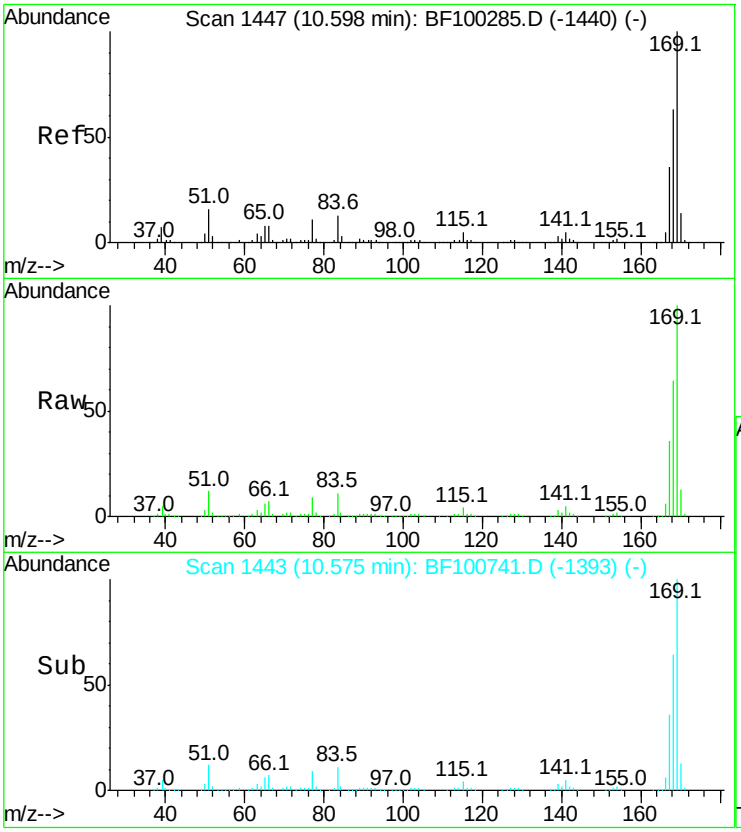


#64
4,6-Dinitro-2-methylphenol
Concen: 55.130 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:198 Resp: 99701

Ion	Ratio	Lower	Upper
198	100		
51	46.8	37.7	77.7
105	44.6	36.3	76.3

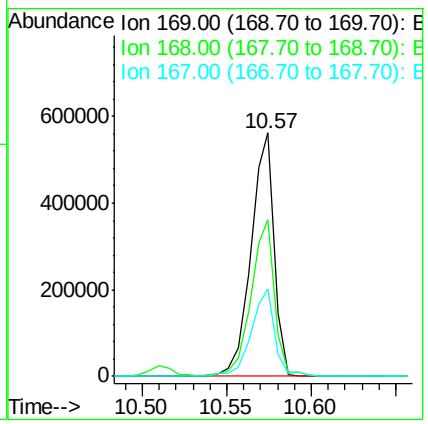




#65
n-Nitrosodiphenylamine
Concen: 44.288 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:169 Resp: 536477

Ion	Ratio	Lower	Upper
169	100		
168	64.4	54.4	81.6
167	35.8	29.8	44.6



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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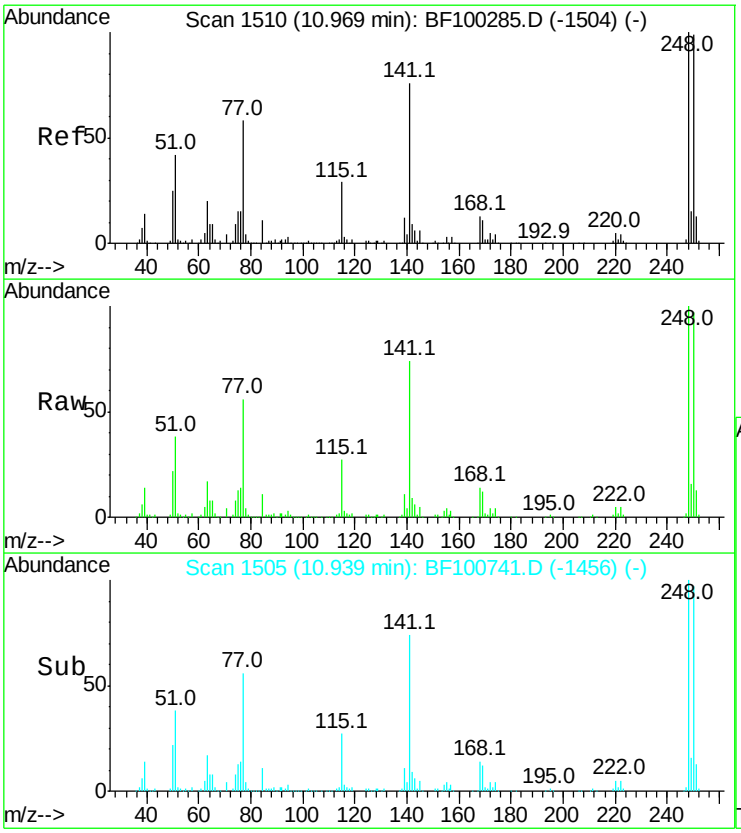
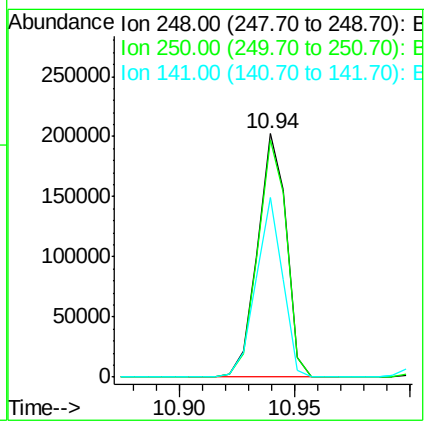
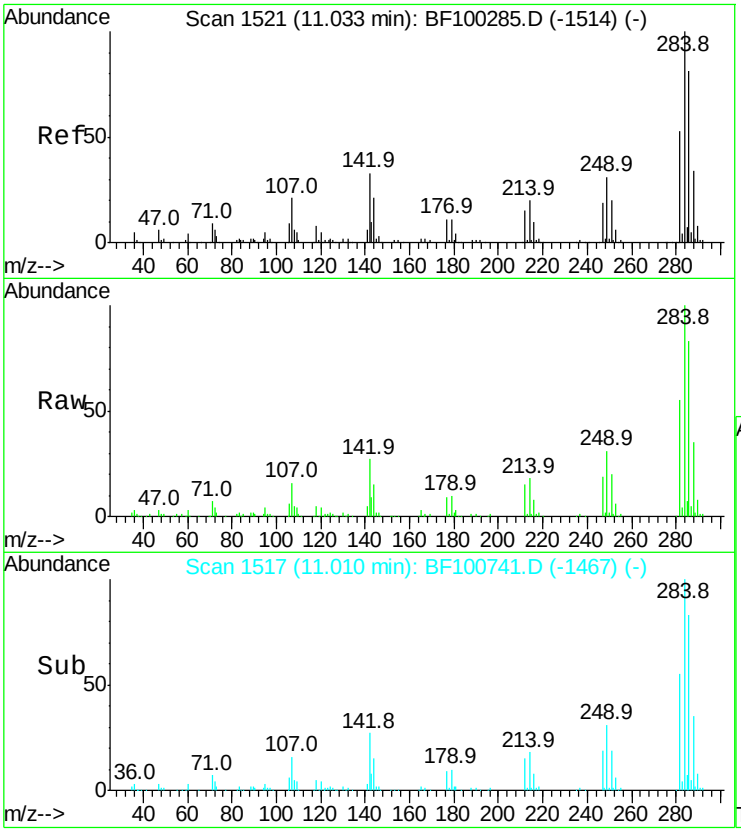


#66
4-Bromophenyl-phenylether
Concen: 47.238 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:248 Resp: 176414

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	73.9	74.4	111.6#





#67
Hexachlorobenzene
Concen: 47.027 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:284 Resp: 183684

Ion	Ratio	Lower	Upper
284	100		
142	27.1	34.6	52.0#
249	30.7	24.8	37.2

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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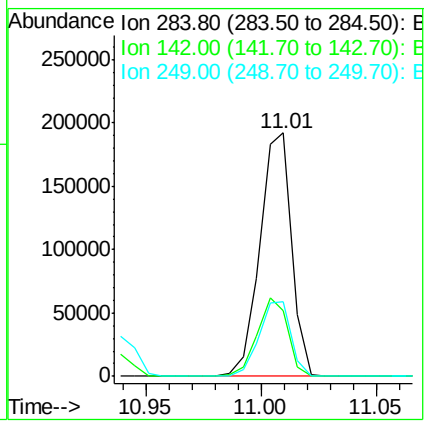
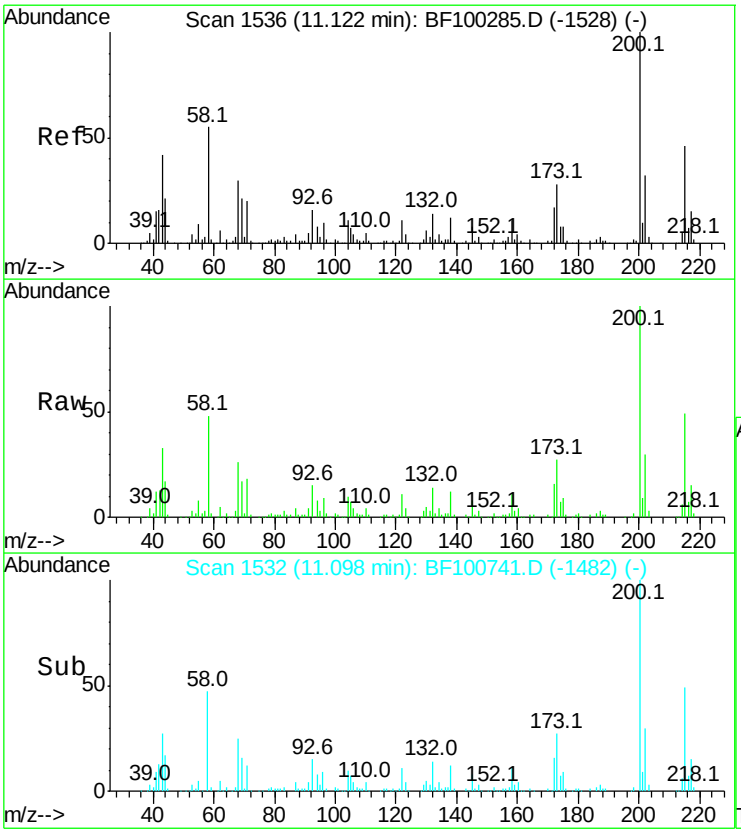
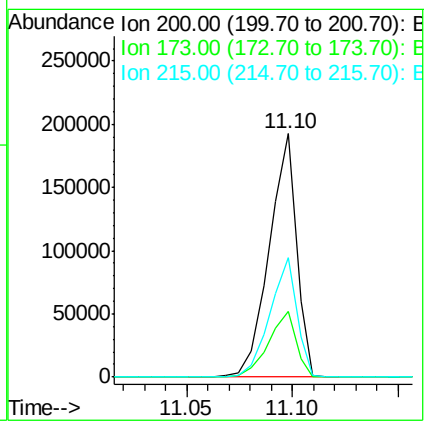


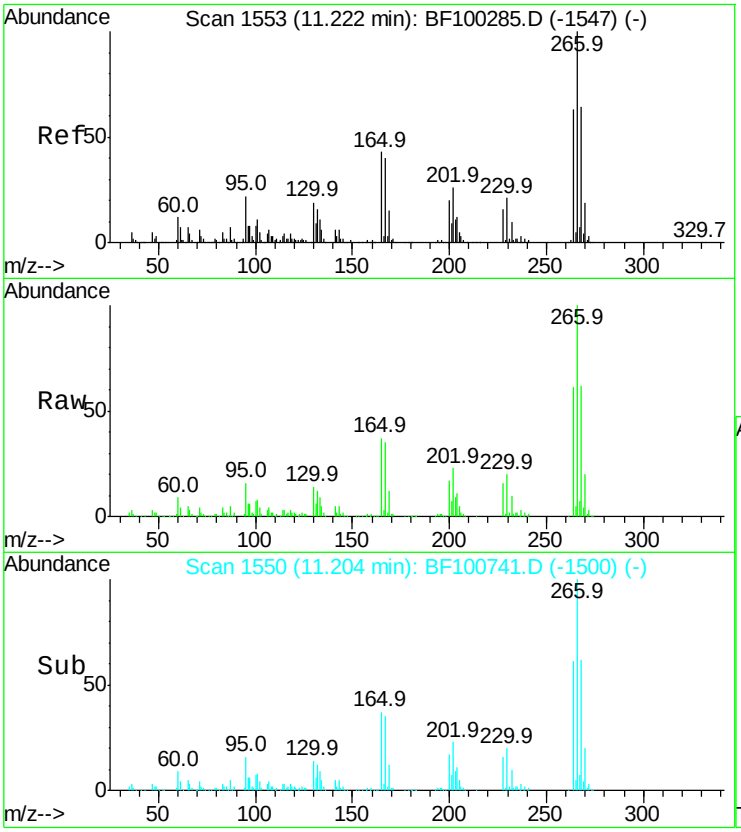


#68
Atrazine
Concen: 47.325 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:200 Resp: 173531

Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	48.8	25.1	65.1

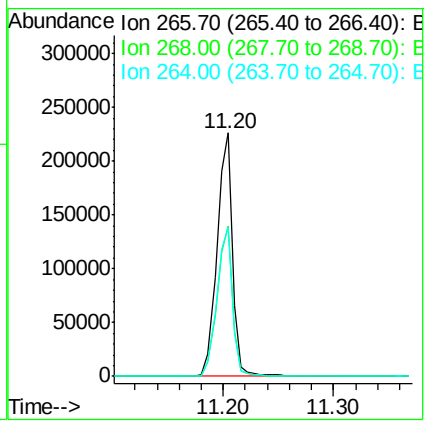




#69
Pentachlorophenol
Concen: 78.402 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:266 Resp: 219585

Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	61.4	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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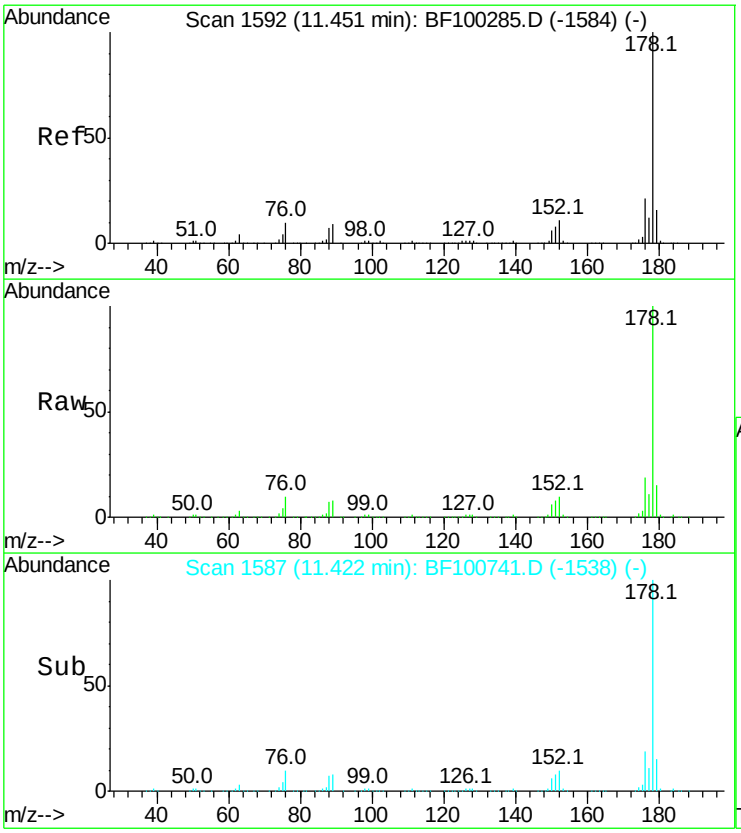
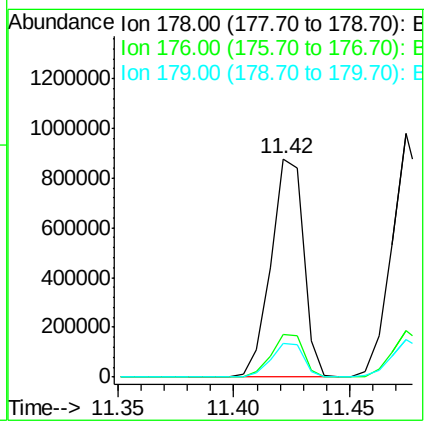
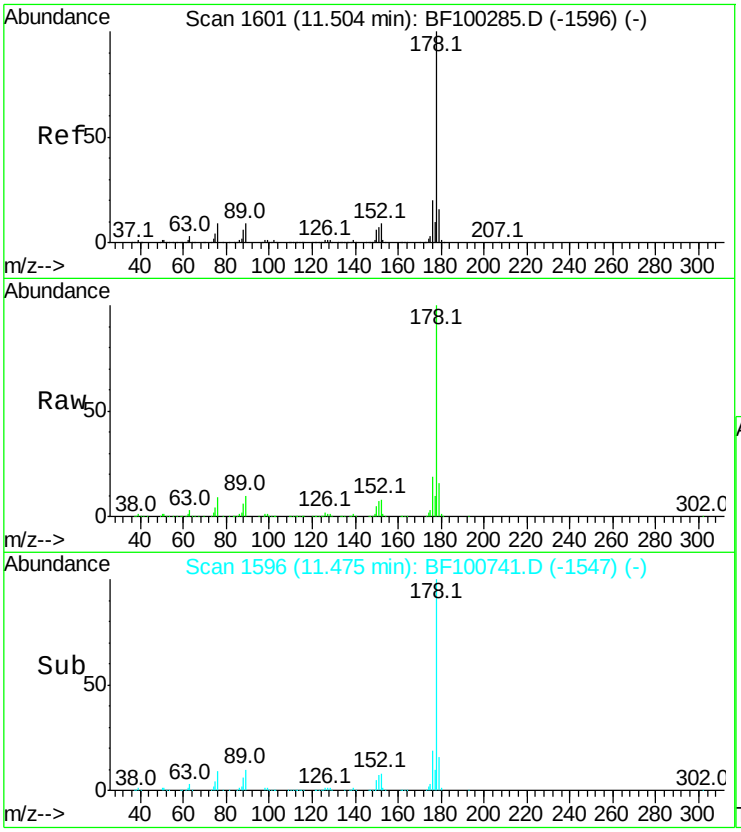


#70
Phenanthrene
Concen: 46.921 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:178 Resp: 860649

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	13.0	19.6

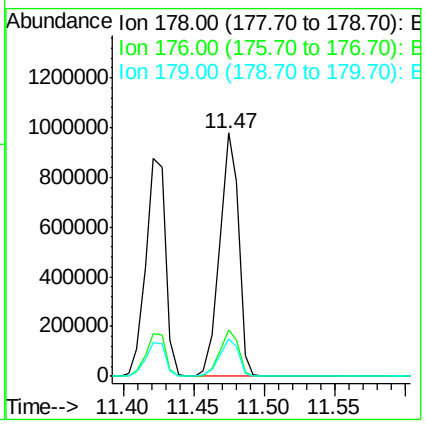




#71
Anthracene
Concen: 49.004 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:178 Resp: 911944

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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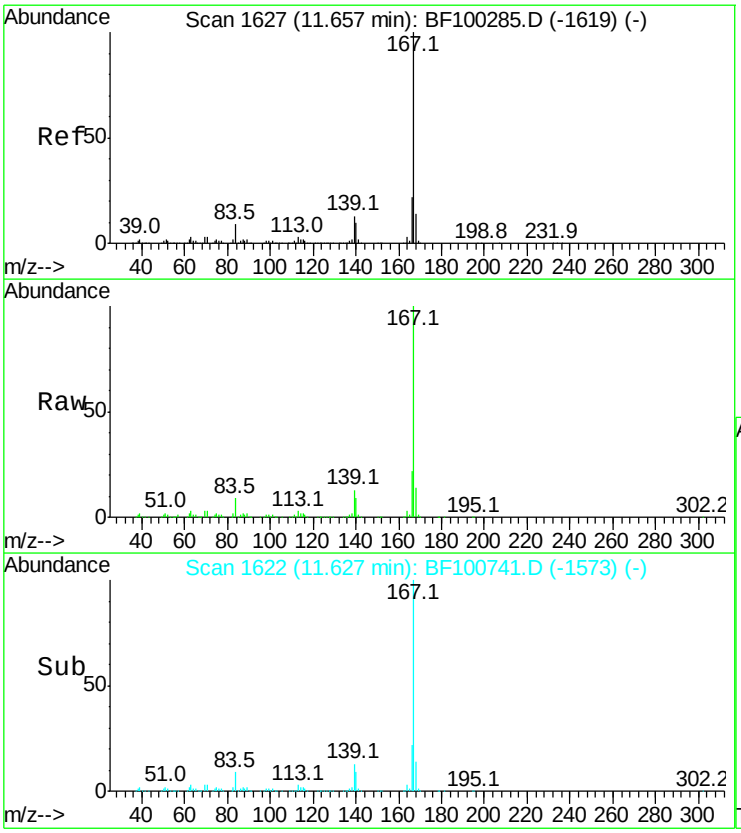
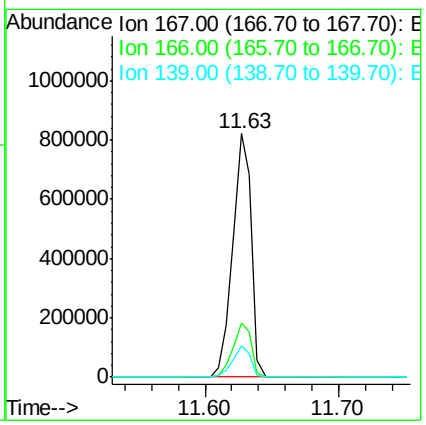
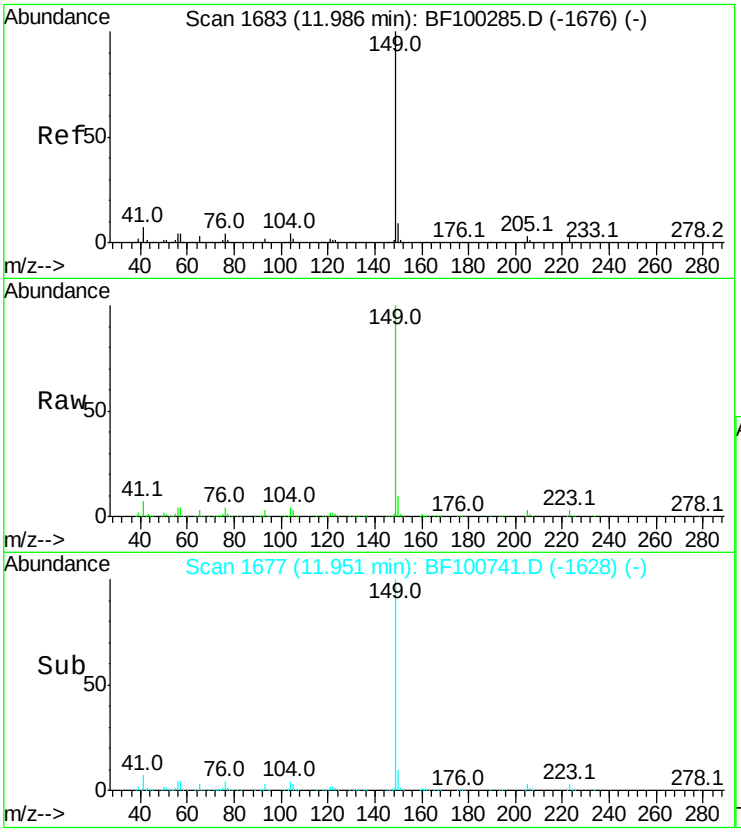


#72
Carbazole
Concen: 46.673 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:167 Resp: 801416

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.8	10.9	16.3

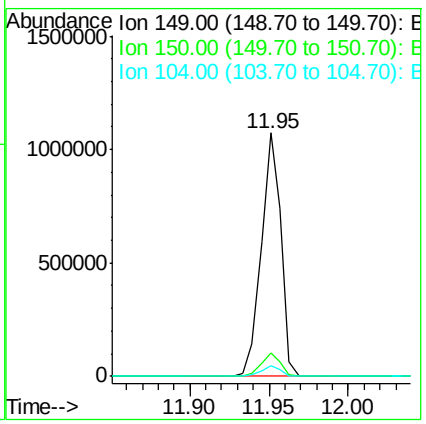




#73
Di-n-butylphthalate
Concen: 46.398 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:149 Resp: 932343

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.4	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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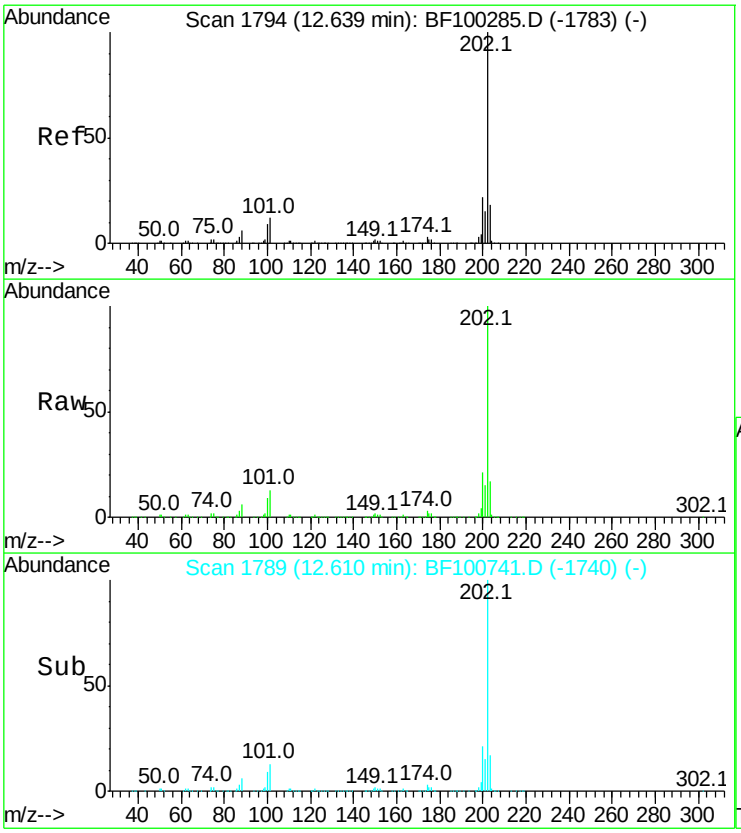
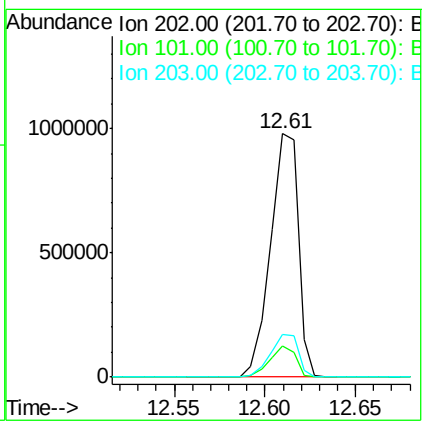
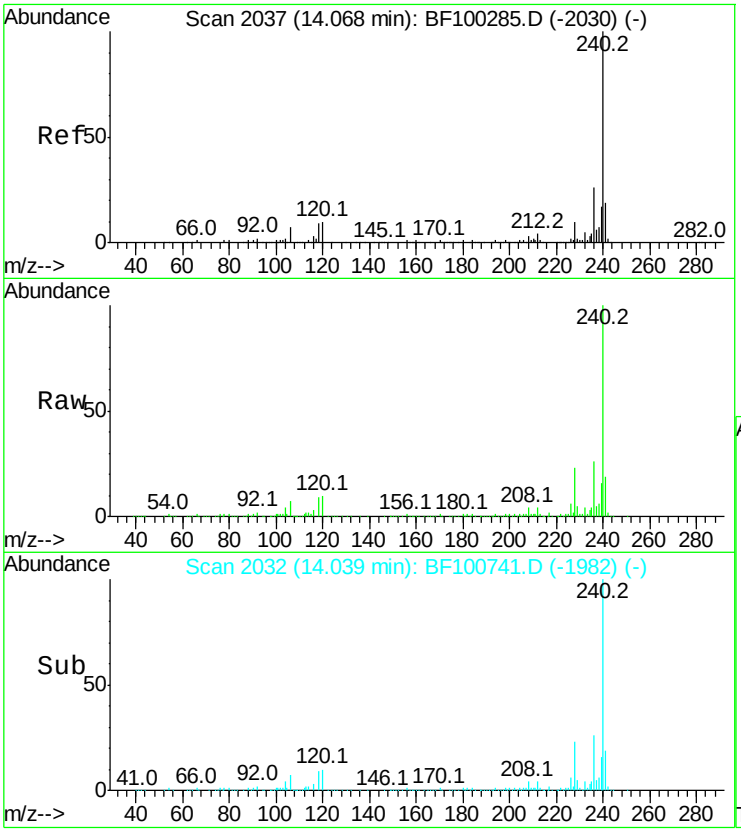


#74
Fluoranthene
Concen: 53.724 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:202 Resp: 1044386

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.4	0.0	38.1

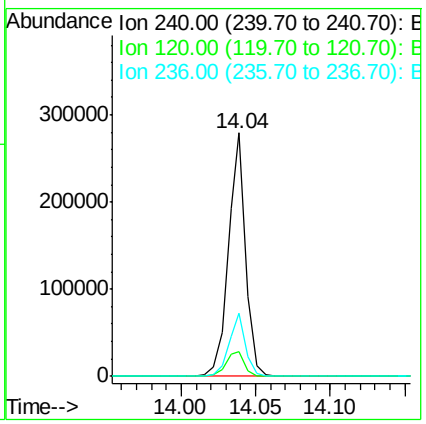




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:240 Resp: 227263

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.7	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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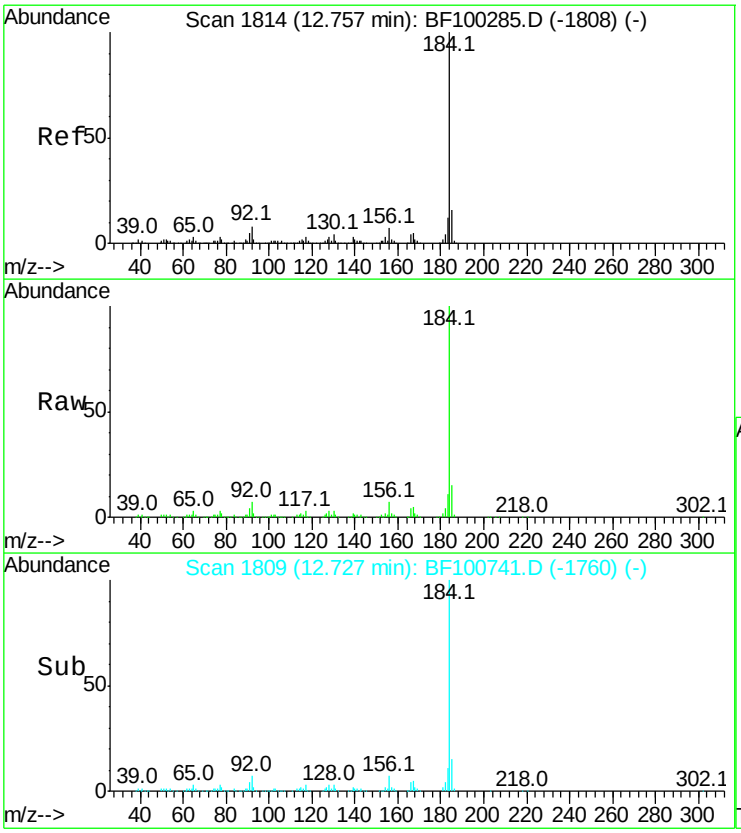
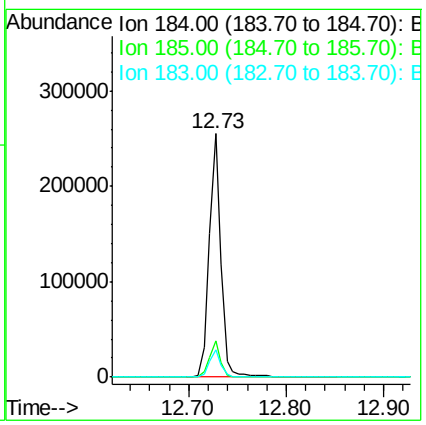
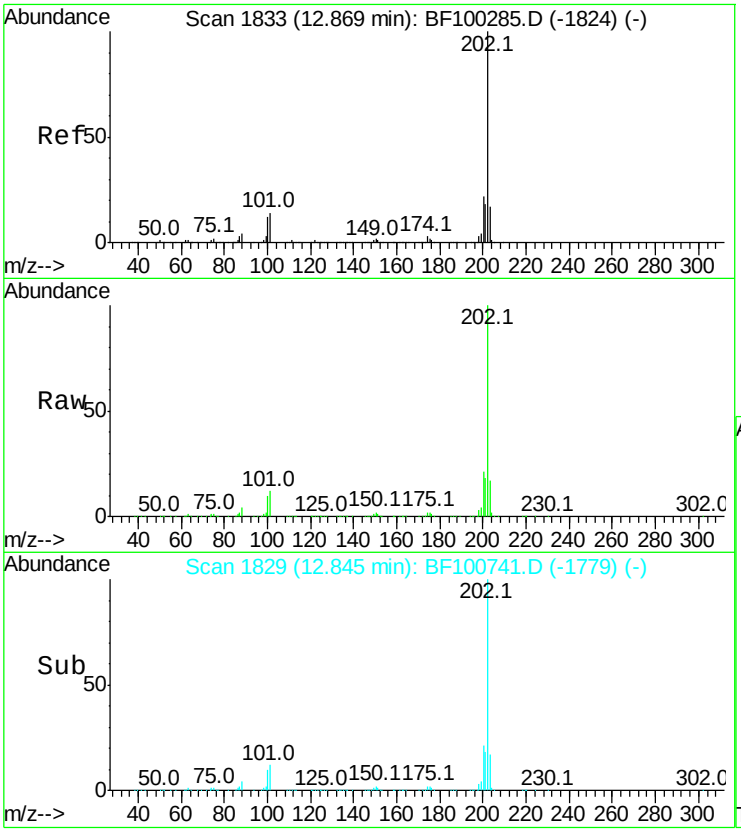


#76
Benzidine
Concen: 23.230 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:184 Resp: 211425

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.4	9.3	13.9

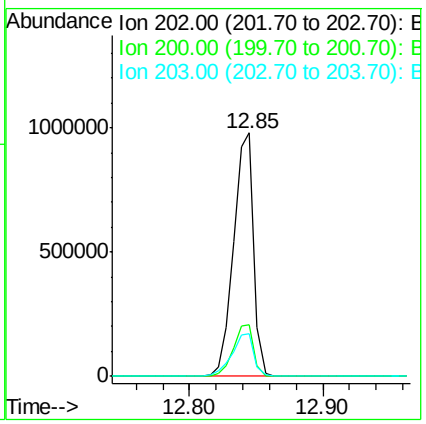




#77
Pyrene
Concen: 63.266 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:202 Resp: 1024918

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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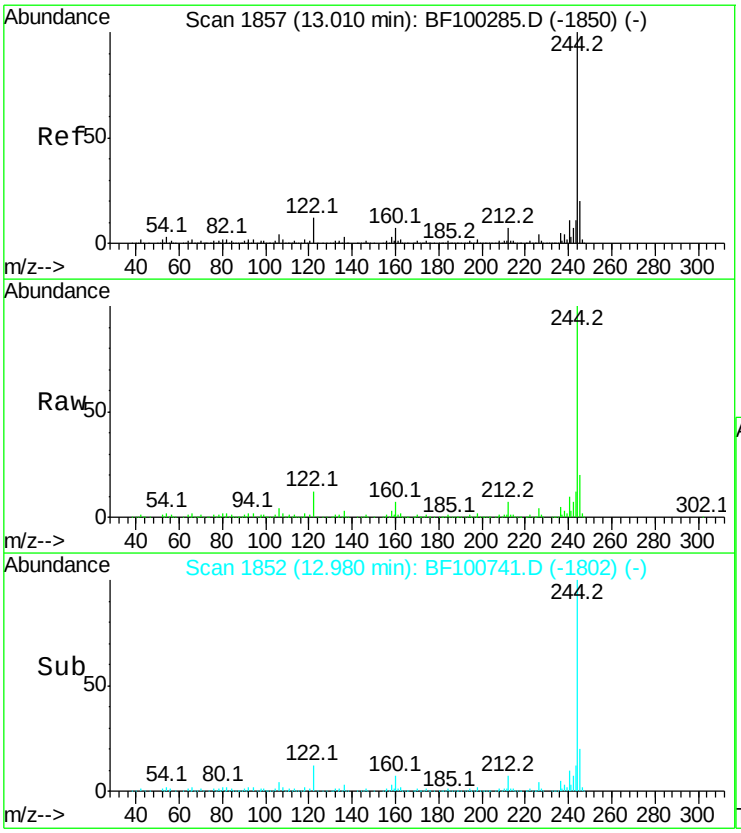
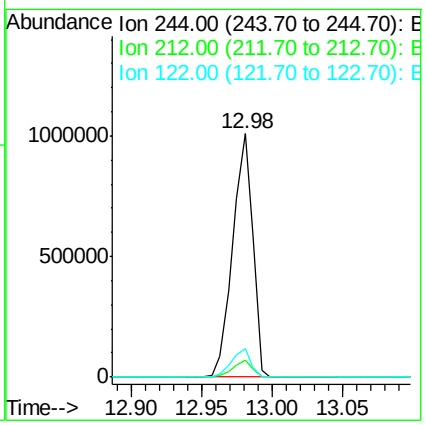
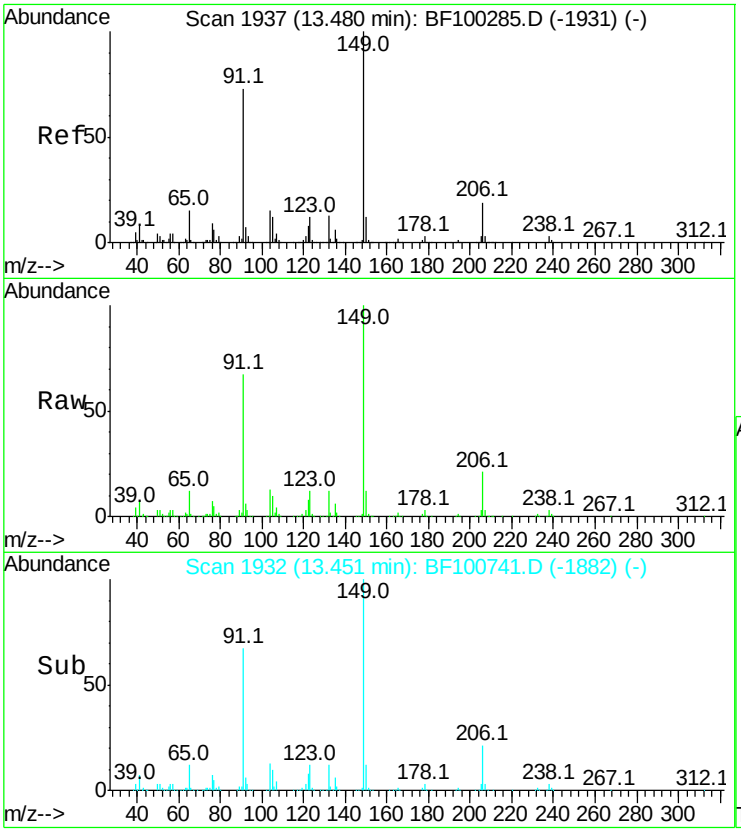


#78
Terphenyl-d14
Concen: 100.813 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:244 Resp: 997125

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

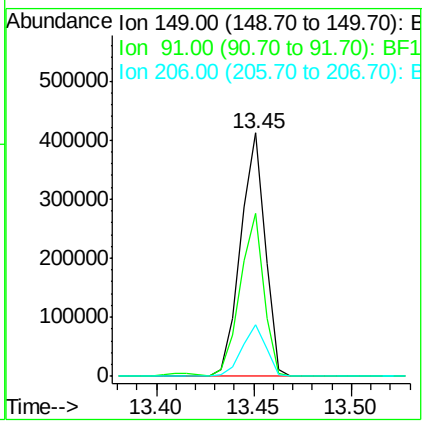




#79
Butylbenzylphthalate
Concen: 54.144 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:149 Resp: 357715

Ion	Ratio	Lower	Upper
149	100		
91	66.8	56.8	85.2
206	21.0	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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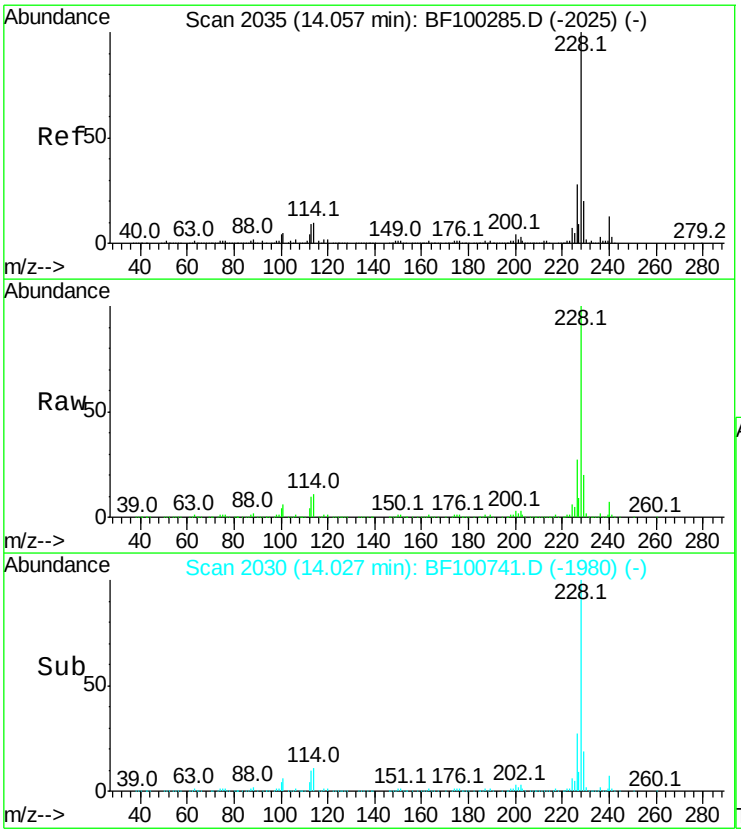
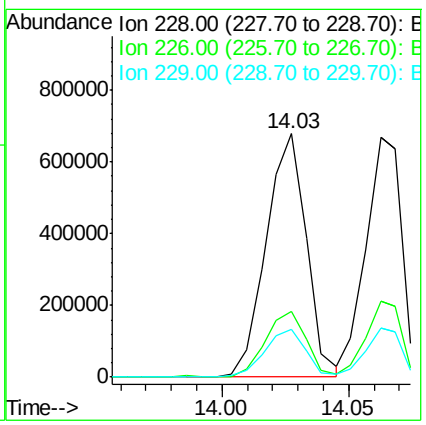
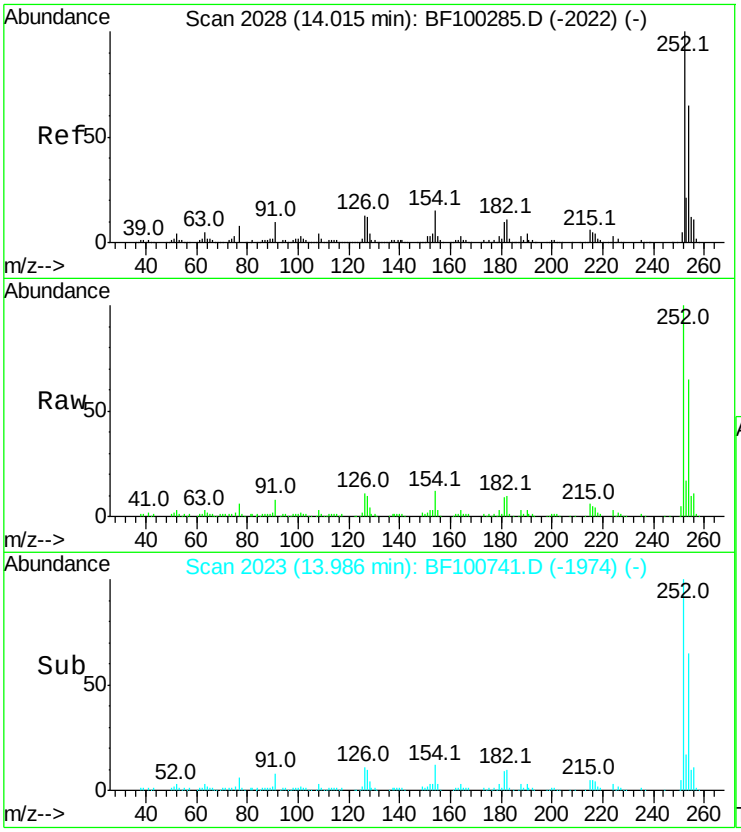


#80
Benzo(a)anthracene
Concen: 54.321 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:228 Resp: 743421

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6

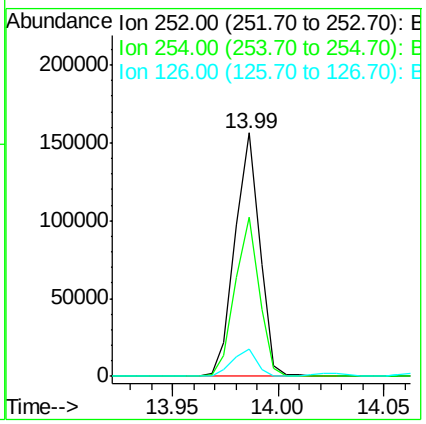




#81
3,3'-Dichlorobenzidine
Concen: 25.738 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:252 Resp: 126203

Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	11.1	11.3	16.9#



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
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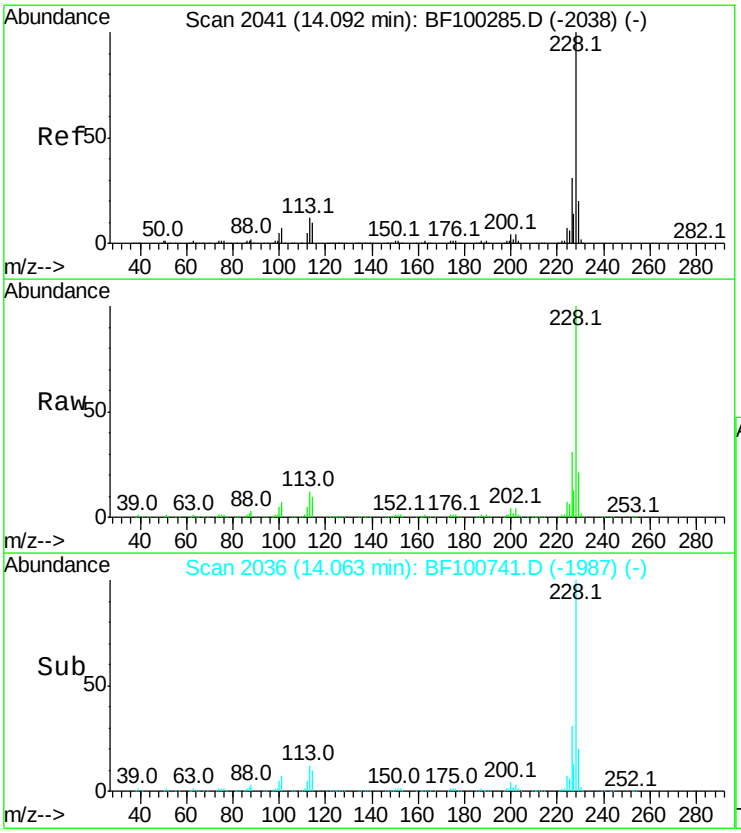
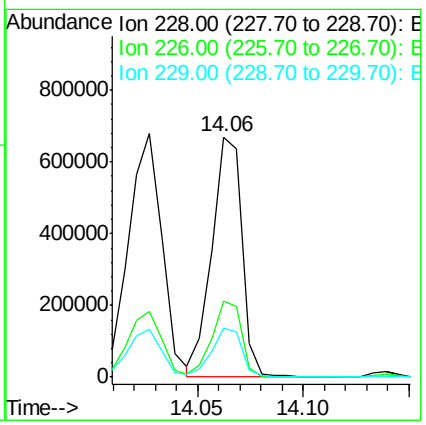
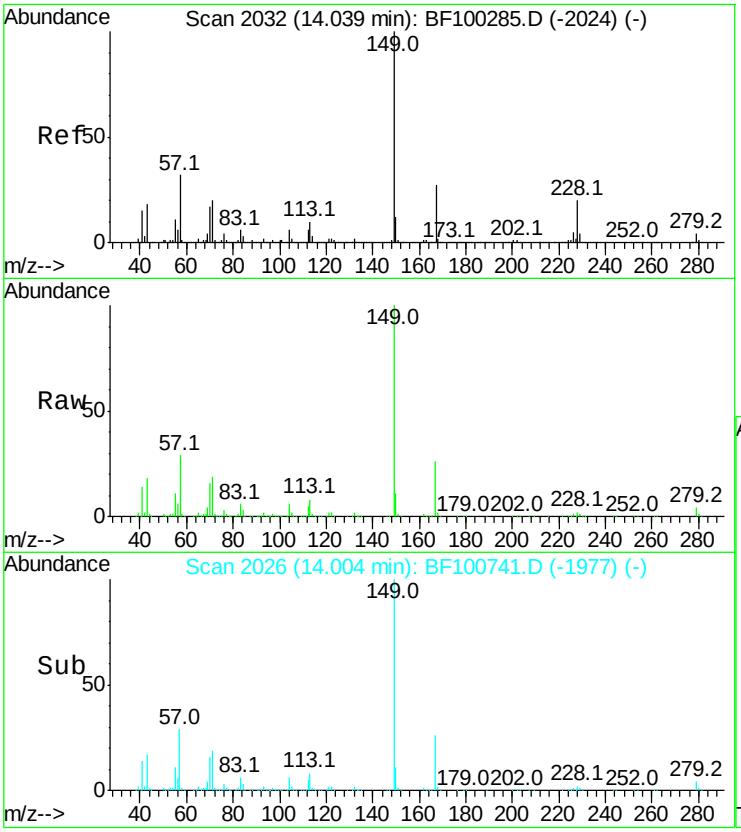


#82
Chrysene
Concen: 49.896 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:228 Resp: 661259

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.5	16.2	24.4

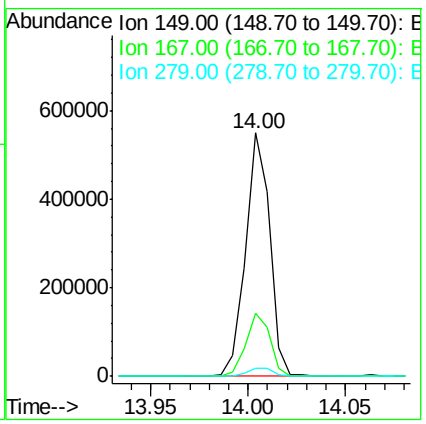




#83
Bis(2-ethylhexyl)phthalate
Concen: 54.311 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:149 Resp: 471929

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.6	3.0	4.4



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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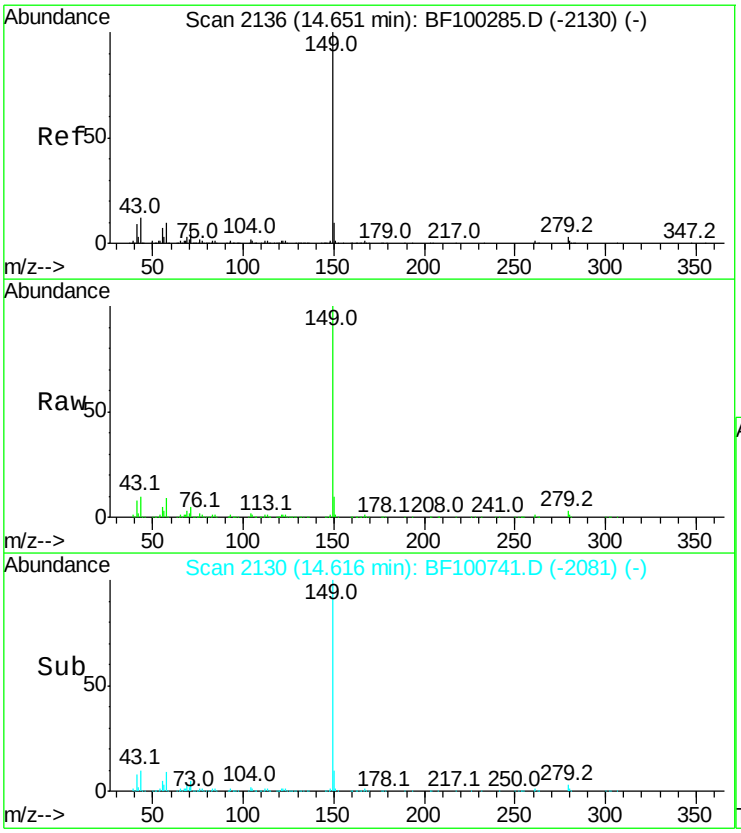
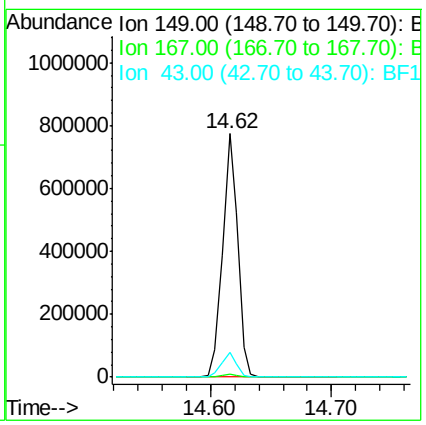
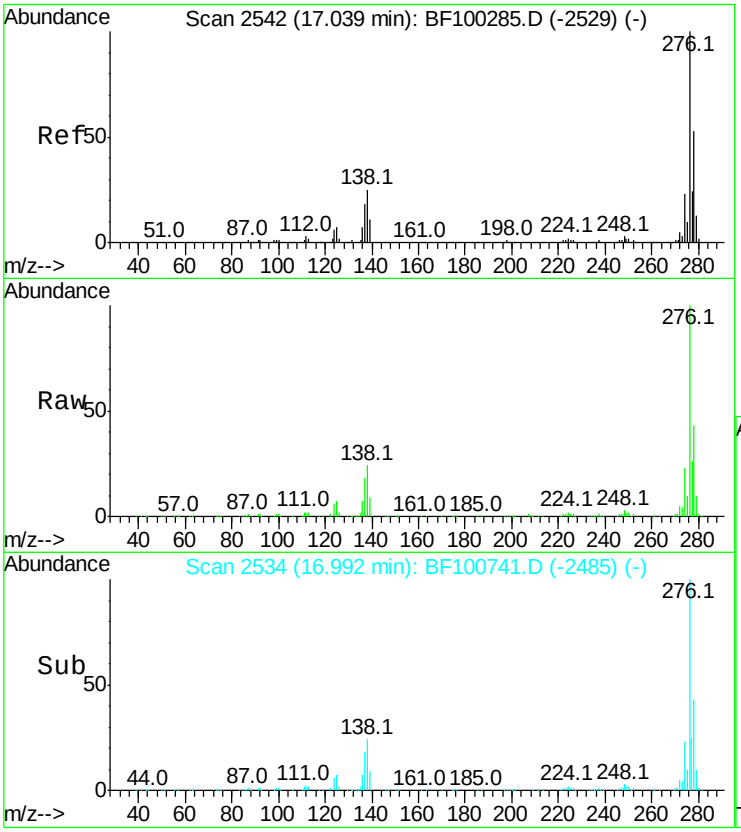


#84
Di-n-octyl phthalate
Concen: 44.925 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:149 Resp: 670619

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.9	8.4	12.6

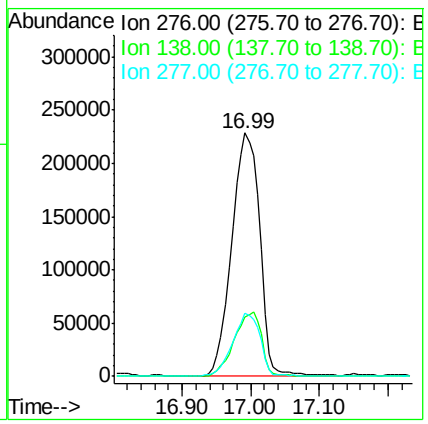




#85
Indeno(1,2,3-cd)pyrene
Concen: 60.324 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:276 Resp: 646642

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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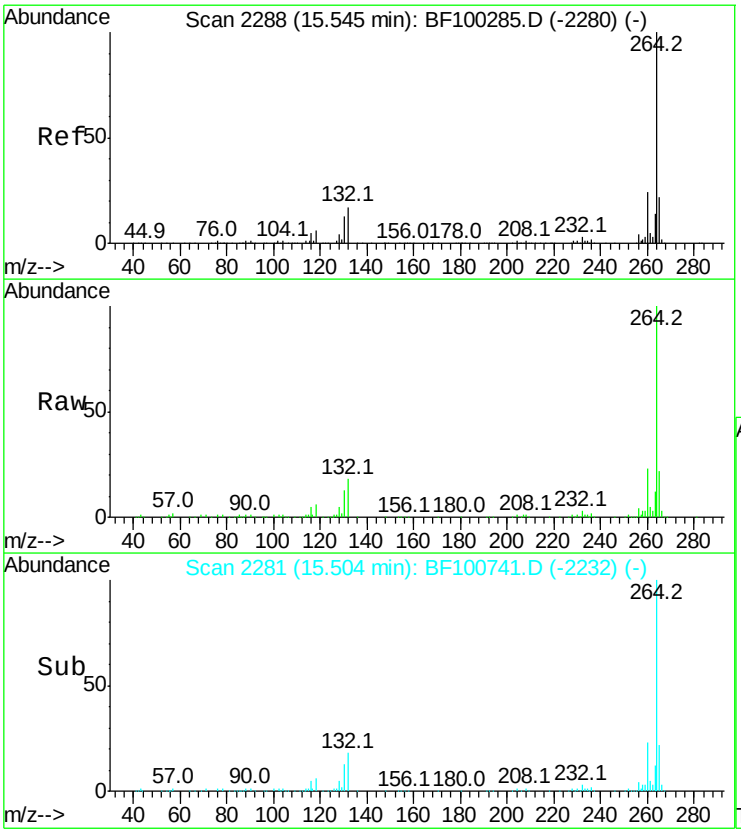
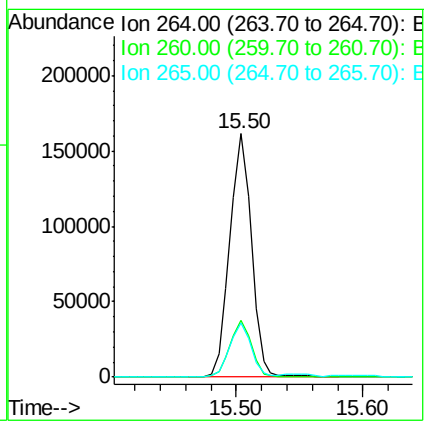
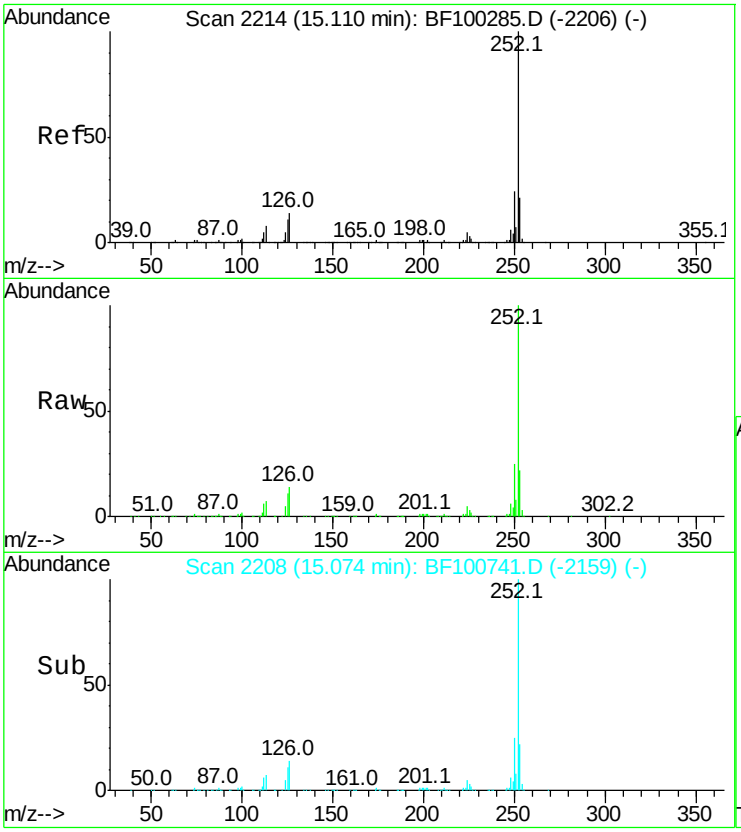


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:264 Resp: 191547

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.4	17.5	26.3

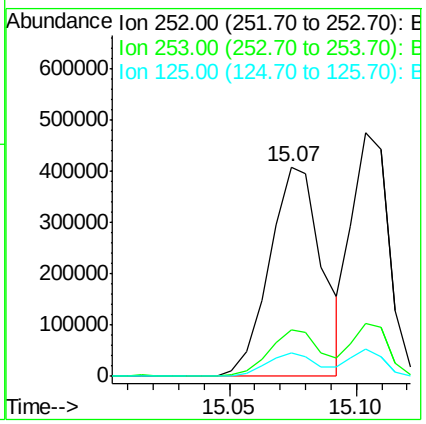




#87
Benzo(b)fluoranthene
Concen: 52.200 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:252 Resp: 592369

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.1	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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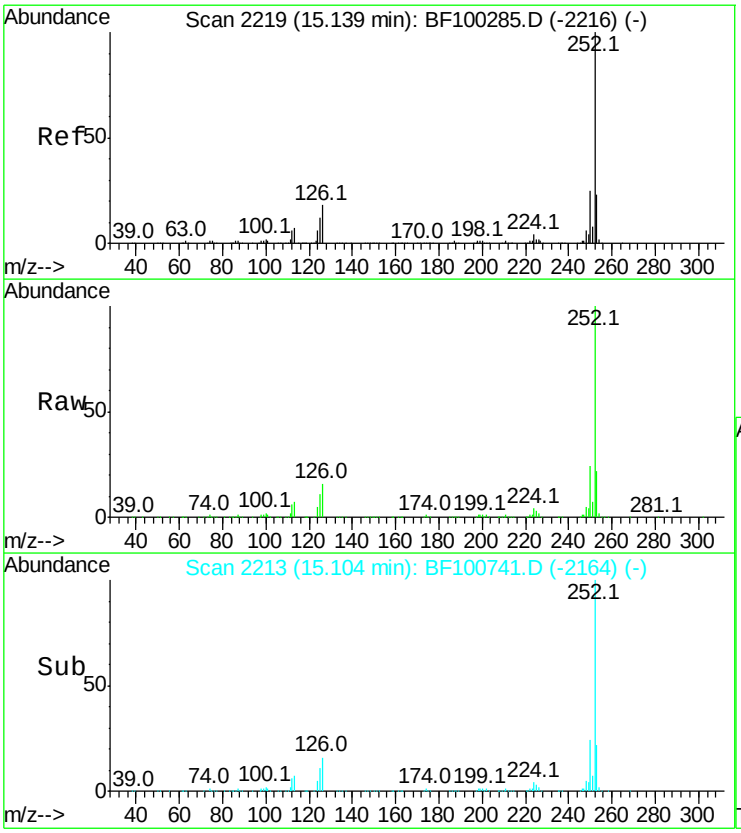
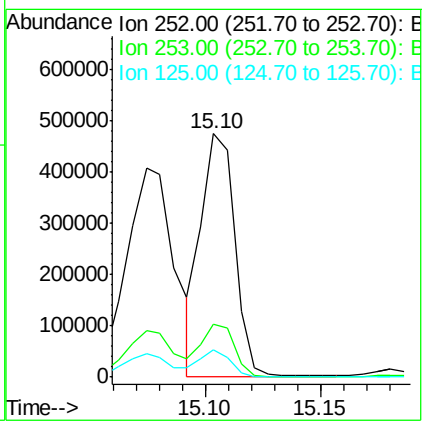
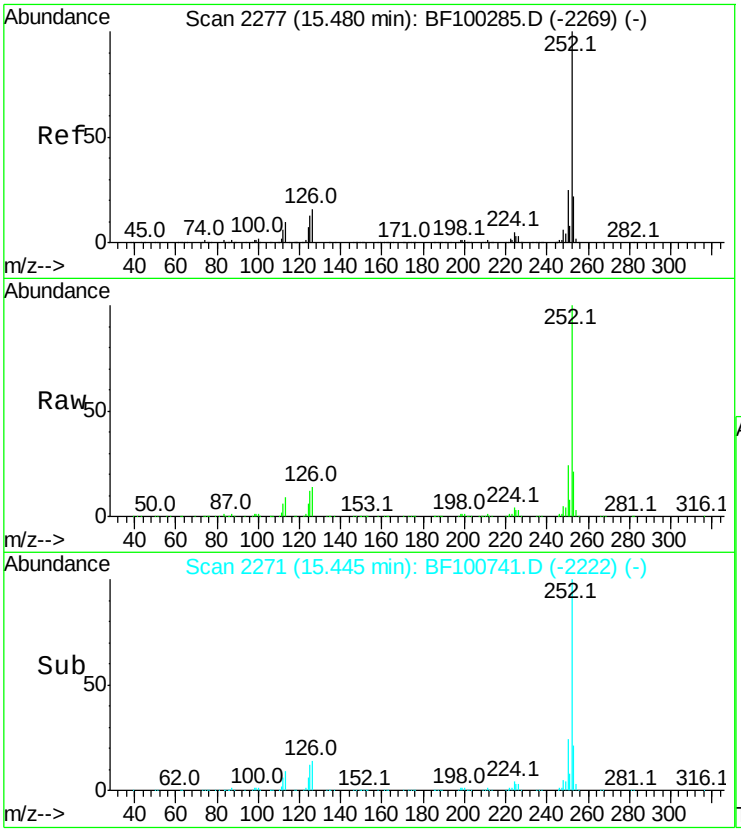


#88
Benzo(k)fluoranthene
Concen: 45.376 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:252 Resp: 486541

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.3	10.2	15.2

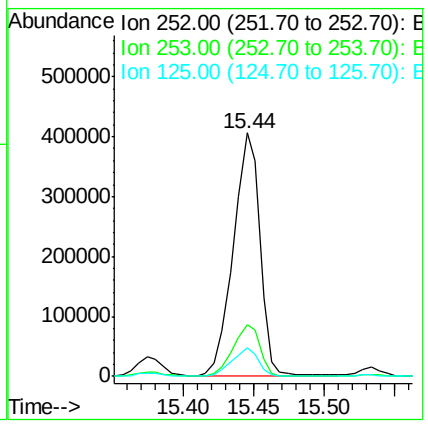




#89
Benzo(a)pyrene
Concen: 53.177 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:252 Resp: 534989

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.8	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

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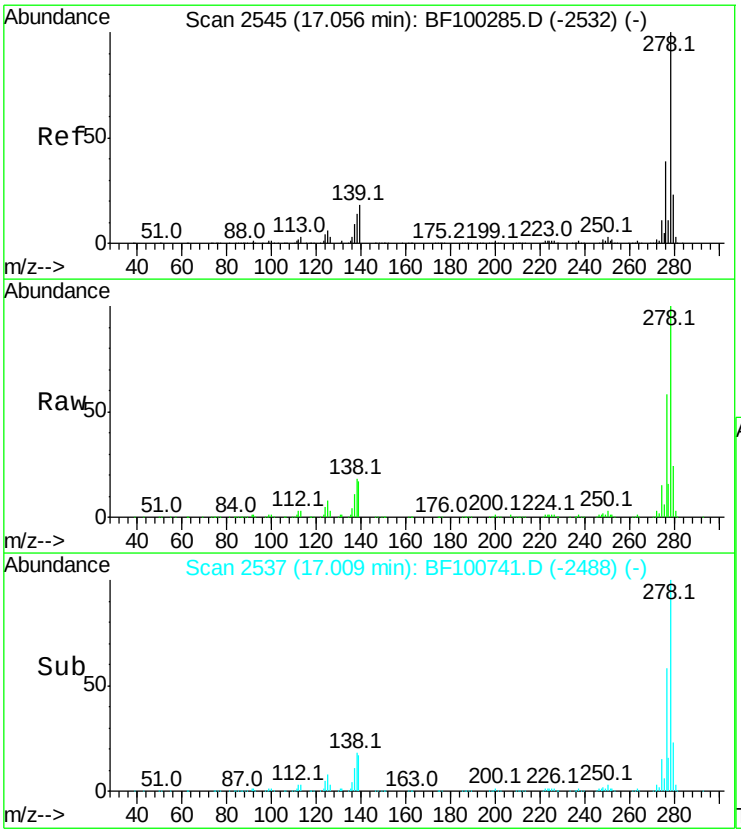
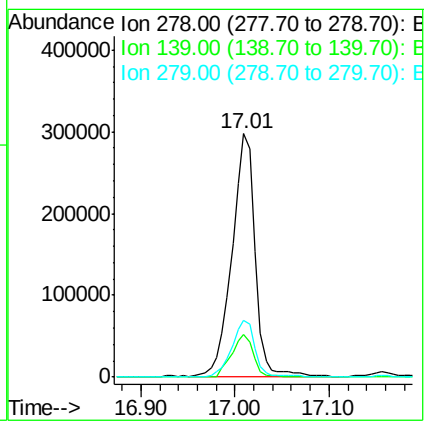
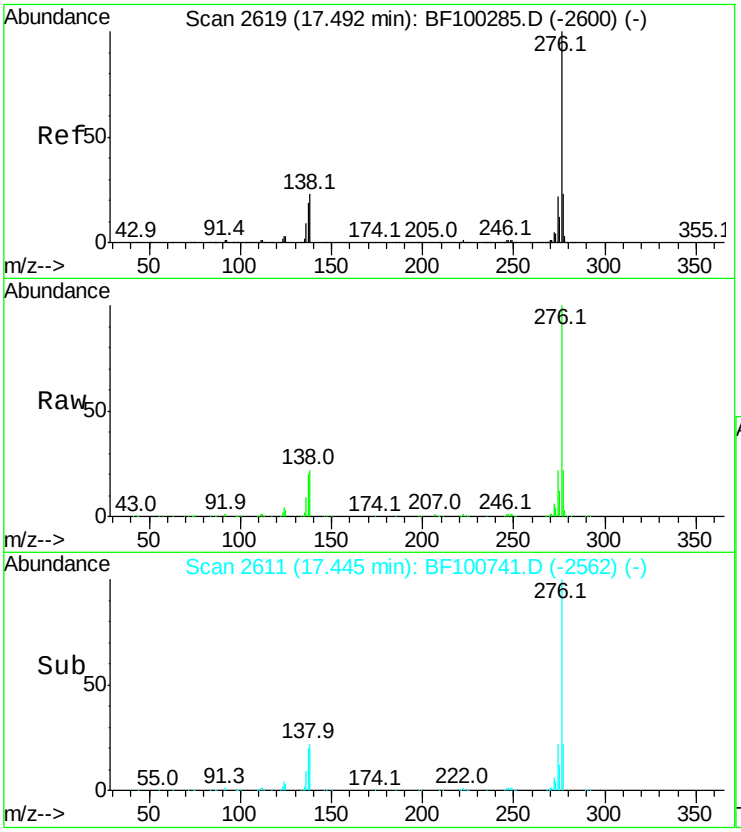


#90
Dibenzo(a,h)anthracene
Concen: 61.212 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:278 Resp: 503630

Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	23.5	19.0	28.4

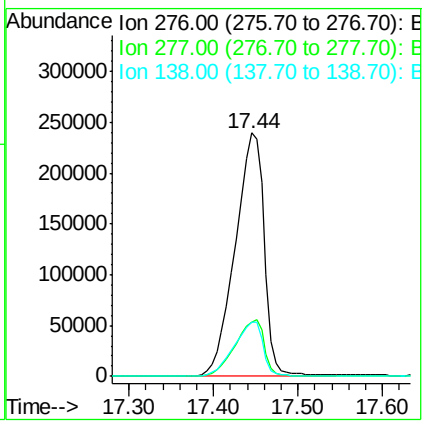




#91
Benzo(g,h,i)perylene
Concen: 71.159 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF100741.D
Acq: 20 Nov 2017 20:20

Tgt Ion:276 Resp: 573107

Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.9	26.9
138	22.3	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MSD

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:33 PM