Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094863.D
Acq On : 4 May 2017 7:48
Operator : SJ/MA
Sample : I2897-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:30 PM

Quant Time: May 04 08:34:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	97711	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	357515	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	162610	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	254502	20.00	ng		0.00
75) Chrysene-d12	18.64	240	193920	20.00	ng		-0.01
86) Perylene-d12	20.31	264	157349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	760171	129.71	ng		0.02
7) Phenol-d6	7.28	99	871156	123.88	ng		0.00
23) Nitrobenzene-d5	8.63	82	581690	102.60	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	189794	142.52	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1097917	97.18	ng		0.00
78) Terphenyl-d14	17.30	244	721768	81.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	94546	32.89	ng	#	80
3) Pyridine	2.96	79	176996m	26.57	ng		
4) n-Nitrosodimethylamine	2.79	42	113652	40.93	ng		86
6) Aniline	7.24	93	167930	18.92	ng		95
8) 2-Chlorophenol	7.42	128	310674	46.57	ng		94
9) Benzaldehyde	7.05	77	20817	4.85	ng		98
10) Phenol	7.30	94	324582	43.80	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	281943	46.09	ng		94
12) 1,3-Dichlorobenzene	7.64	146	321022	42.42	ng		98
13) 1,4-Dichlorobenzene	7.76	146	335388	43.71	ng		97
14) 1,2-Dichlorobenzene	8.00	146	320878	44.80	ng		95
15) Benzyl Alcohol	8.02	79	244597	54.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	368105	42.51	ng		75
17) 2-Methylphenol	8.23	107	246276	45.11	ng		97
18) Hexachloroethane	8.51	117	102318	39.36	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	215309	45.27	ng		95
20) 3+4-Methylphenols	8.48	107	400140	53.94	ng	#	58
22) Acetophenone	8.40	105	432826	50.46	ng	#	84
24) Nitrobenzene	8.66	77	297315	50.03	ng		94
25) Isophorone	9.06	82	548250	54.16	ng	#	94
26) 2-Nitrophenol	9.17	139	170273	53.10	ng		97
27) 2,4-Dimethylphenol	9.31	122	269464	51.97	ng		99
28) bis(2-Chloroethoxy)methane	9.43	93	354676	50.64	ng		98
29) 2,4-Dichlorophenol	9.58	162	264634	54.06	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	251470	47.95	ng		99
31) Naphthalene	9.78	128	870097	48.42	ng		100
32) Benzoic acid	9.77	122	599335m	162.51	ng		
33) 4-Chloroaniline	9.94	127	130794	19.53	ng		94
34) Hexachlorobutadiene	10.00	225	128306	46.37	ng		99
35) Caprolactam	10.67	113	60693	41.29	ng		91
36) 4-Chloro-3-methylphenol	10.78	107	258279	49.35	ng	#	88
37) 2-Methylnaphthalene	10.91	142	587950	49.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	236448	47.28	ng		99
40) Hexachlorocyclopentadiene	11.17	237	54174	29.87	ng		97

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Quant Time: May 04 08:34:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	166338	49.82	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	177254	49.39	ng	#	91
45) 1,1'-Biphenyl	11.68	154	669956	48.93	ng		97
46) 2-Chloronaphthalene	11.69	162	520490	47.08	ng		95
47) 2-Nitroaniline	11.90	65	149670	49.47	ng	#	79
48) Acenaphthylene	12.35	152	812781	46.94	ng		99
49) Dimethylphthalate	12.22	163	657456	49.25	ng		99
50) 2,6-Dinitrotoluene	12.31	165	133707	49.10	ng		93
51) Acenaphthene	12.63	154	495185	47.88	ng		99
52) 3-Nitroaniline	12.58	138	47836	16.36	ng	#	86
53) 2,4-Dinitrophenol	12.77	184	72063	50.54	ng	#	66
54) Dibenzofuran	12.92	168	745038	52.06	ng		98
55) 4-Nitrophenol	12.96	139	168658	96.07	ng	#	72
56) 2,4-Dinitrotoluene	12.97	165	171598	49.03	ng	#	84
57) Fluorene	13.47	166	588970	47.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	132806	58.80	ng	#	93
59) Diethylphthalate	13.37	149	595469	46.54	ng		99
60) 4-Chlorophenyl-phenylether	13.50	204	265981	48.63	ng		90
61) 4-Nitroaniline	13.57	138	117093	43.64	ng		98
62) Azobenzene	13.75	77	518280	50.41	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	50761	29.75	ng	#	73
65) n-Nitrosodiphenylamine	13.71	169	475177	51.44	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	144217	53.64	ng		99
67) Hexachlorobenzene	14.37	284	139477	50.62	ng	#	88
68) Atrazine	14.62	200	118387	45.39	ng		96
69) Pentachlorophenol	14.72	266	136714	107.55	ng		99
70) Phenanthrene	15.01	178	723451	49.47	ng		99
71) Anthracene	15.09	178	717226	48.02	ng		98
72) Carbazole	15.38	167	669943	49.29	ng		97
73) Di-n-butylphthalate	15.95	149	845912	49.91	ng		99
74) Fluoranthene	16.75	202	691942	46.13	ng		99
76) Benzidine	16.98	184	32359	11.91	ng	#	94
77) Pyrene	17.05	202	687292	47.39	ng		99
79) Butylbenzylphthalate	17.97	149	326827	48.45	ng		92
80) Benzo(a)anthracene	18.63	228	555349	49.21	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	146802	37.66	ng	#	96
82) Chrysene	18.68	228	517054	47.38	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	444311	46.23	ng	#	99
84) Di-n-octyl phthalate	19.48	149	735182	46.65	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	409667	46.23	ng		100
87) Benzo(b)fluoranthene	19.90	252	483871	49.77	ng		99
88) Benzo(k)fluoranthene	19.93	252	495305	52.81	ng	#	95
89) Benzo(a)pyrene	20.25	252	461639	51.45	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	349772	47.21	ng		99
91) Benzo(g,h,i)perylene	21.96	276	336662	46.30	ng		99

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

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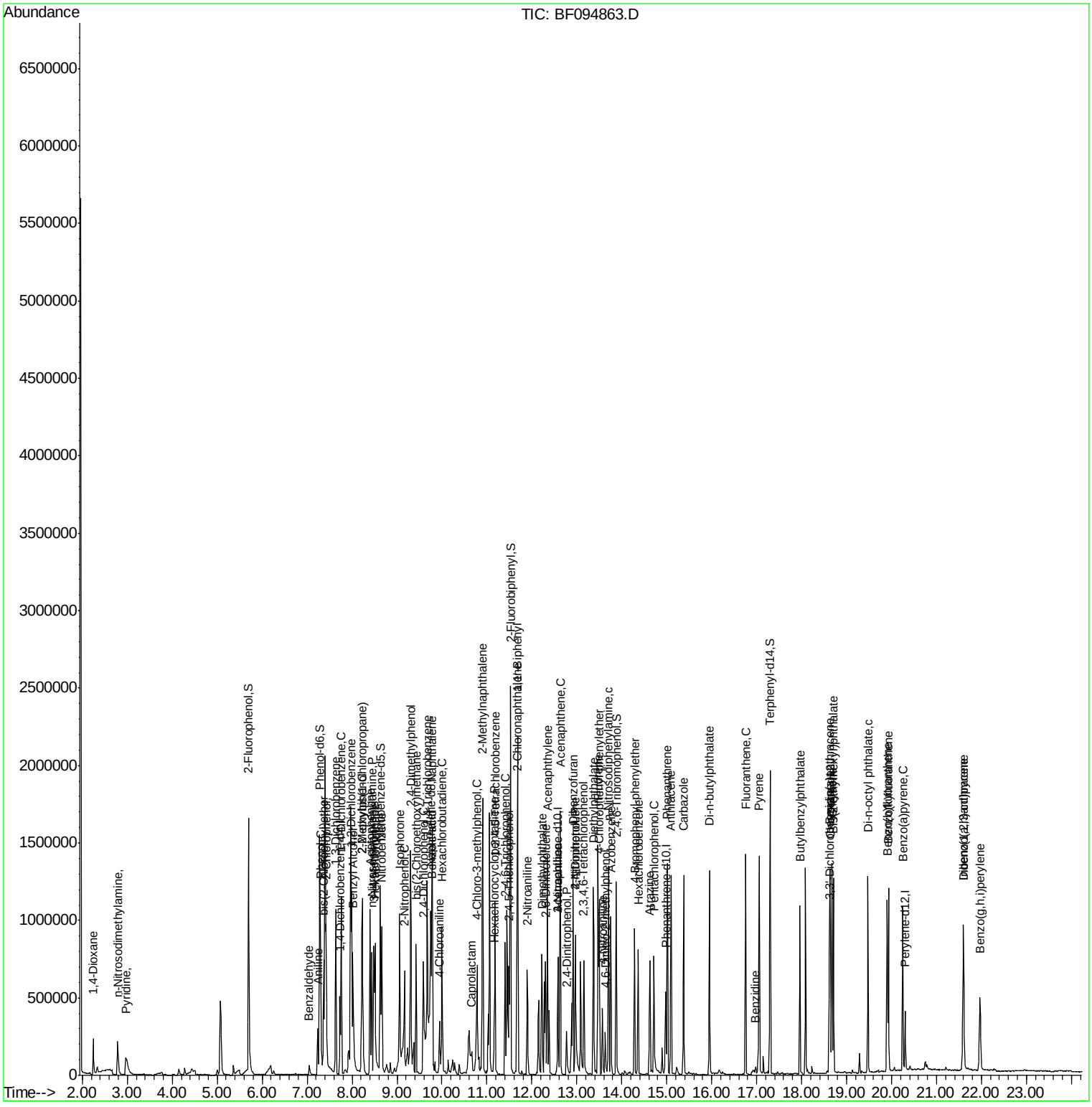
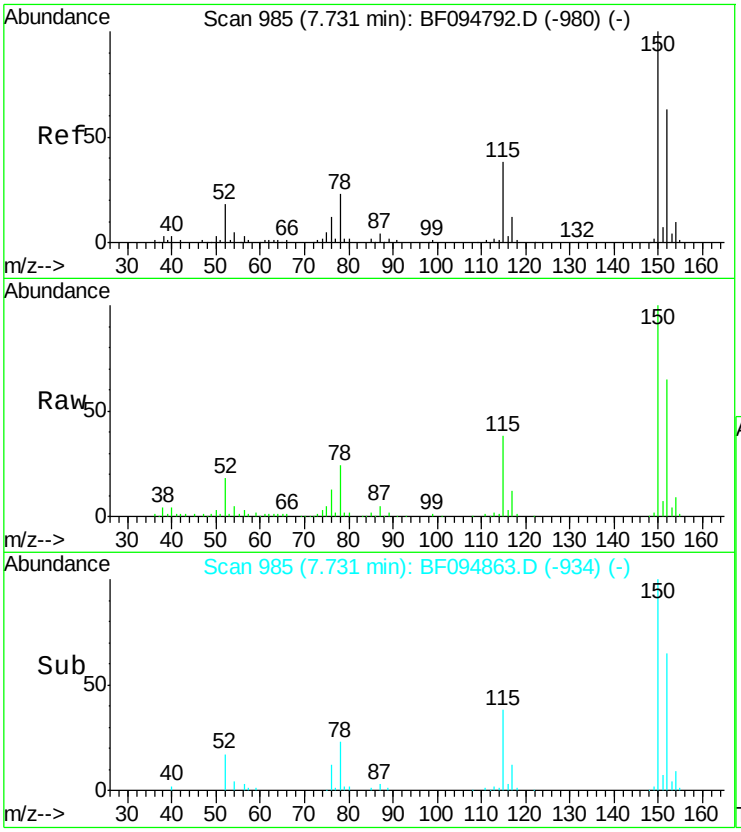
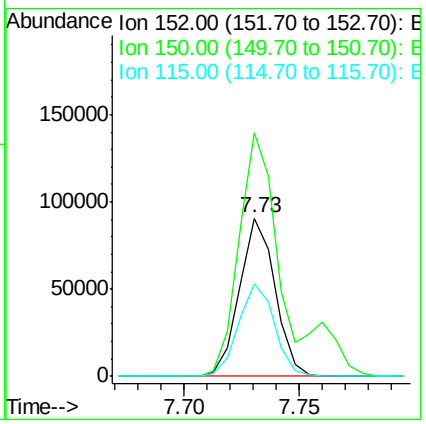




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:152 Resp: 97711

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	58.4	52.2	78.2



Instrument :
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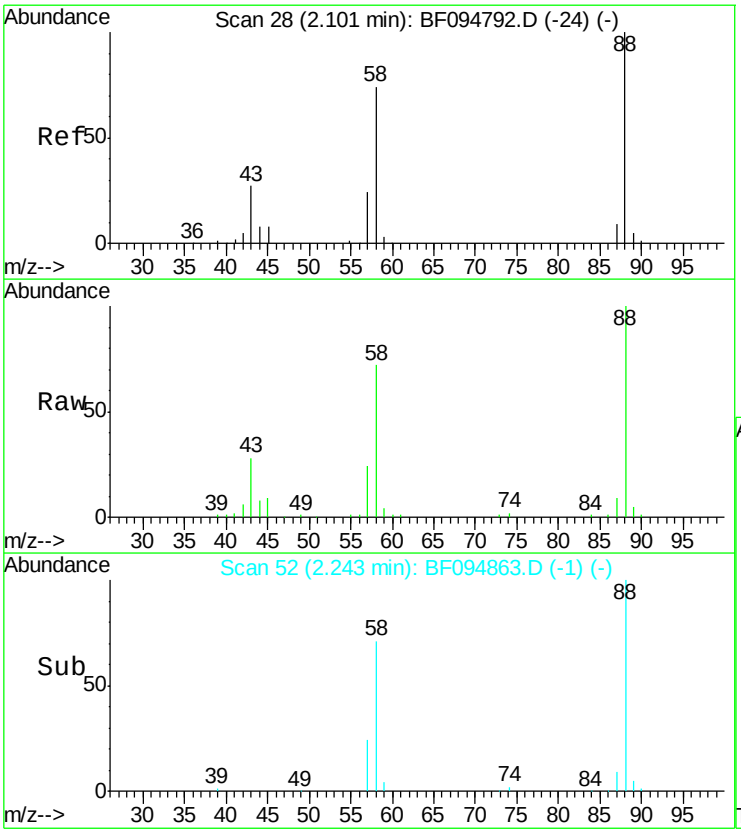
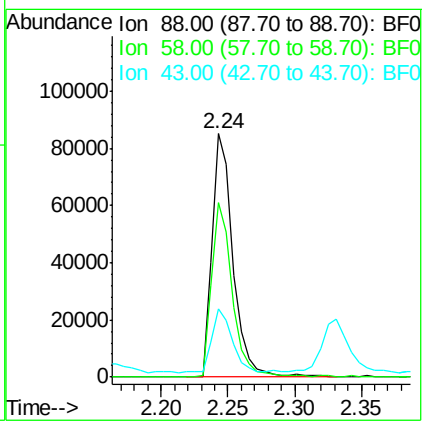
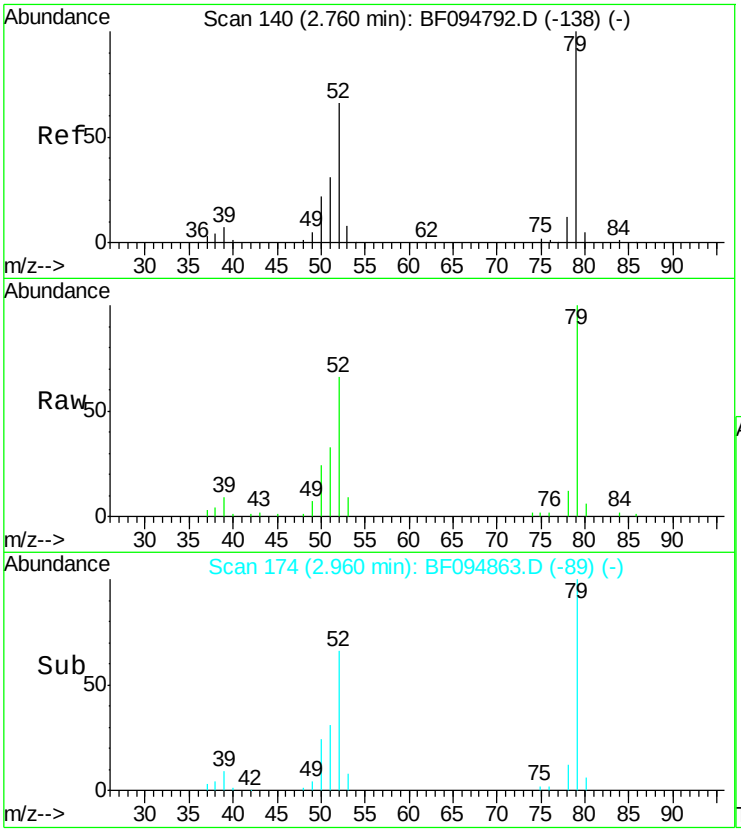


#2
1,4-Dioxane
Concen: 32.89 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.14 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 88 Resp: 94546

Ion	Ratio	Lower	Upper
88	100		
58	71.1	61.4	92.0
43	0.0	23.4	35.0#

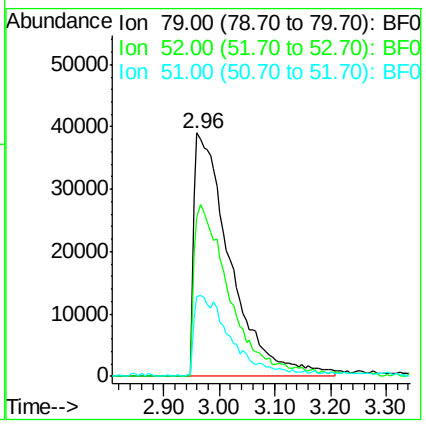




#3
Pyridine
Concen: 26.57 ng m
RT: 2.96 min Scan# 174
Delta R.T. 0.20 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 79 Resp: 176996

Ion	Ratio	Lower	Upper
79	100		
52	65.6	54.8	82.2
51	32.6	27.0	40.4



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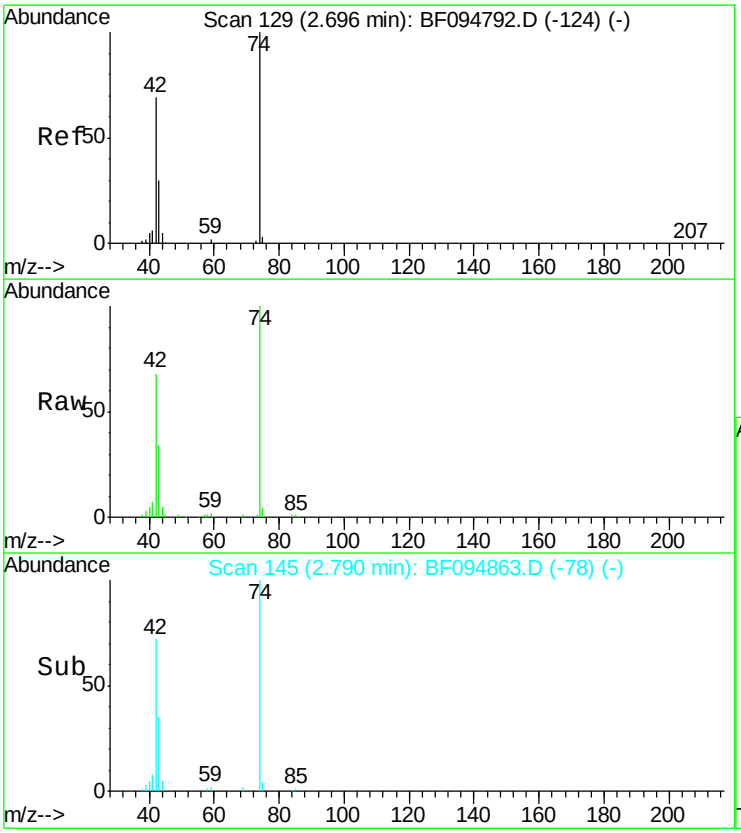
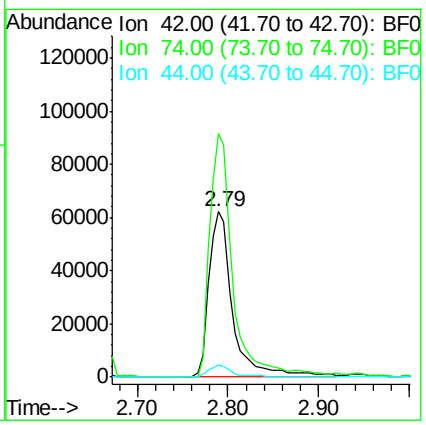
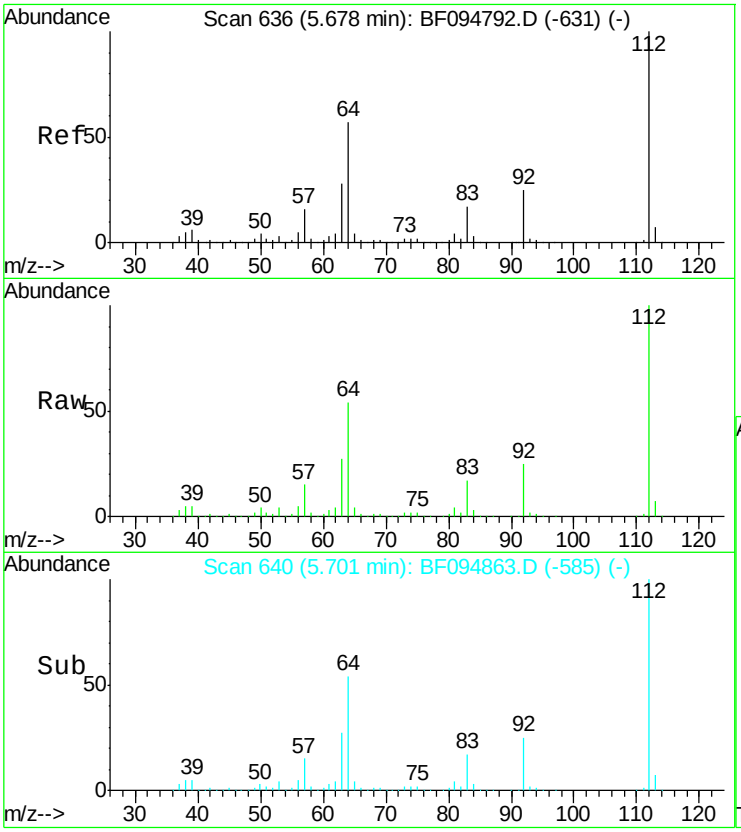


#4
n-Nitrosodimethylamine
Concen: 40.93 ng
RT: 2.79 min Scan# 145
Delta R.T. 0.09 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 42 Resp: 113652

Ion	Ratio	Lower	Upper
42	100		
74	147.1	103.9	155.9
44	7.0	5.7	8.5

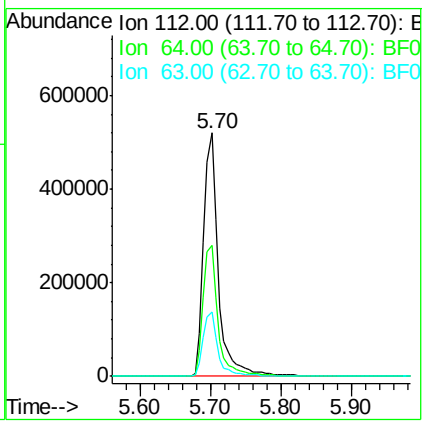




#5
2-Fluorophenol
Concen: 129.71 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:112 Resp: 760171

Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.6	23.4	35.0



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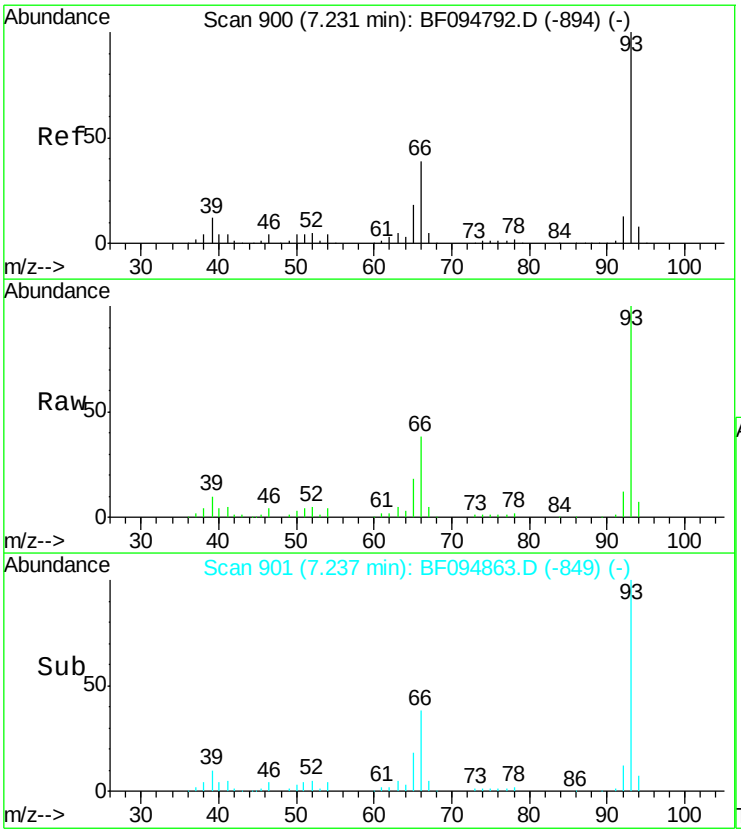
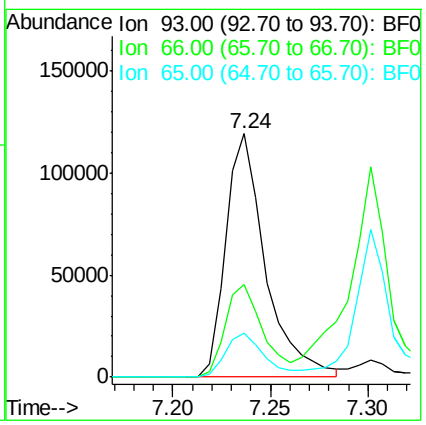
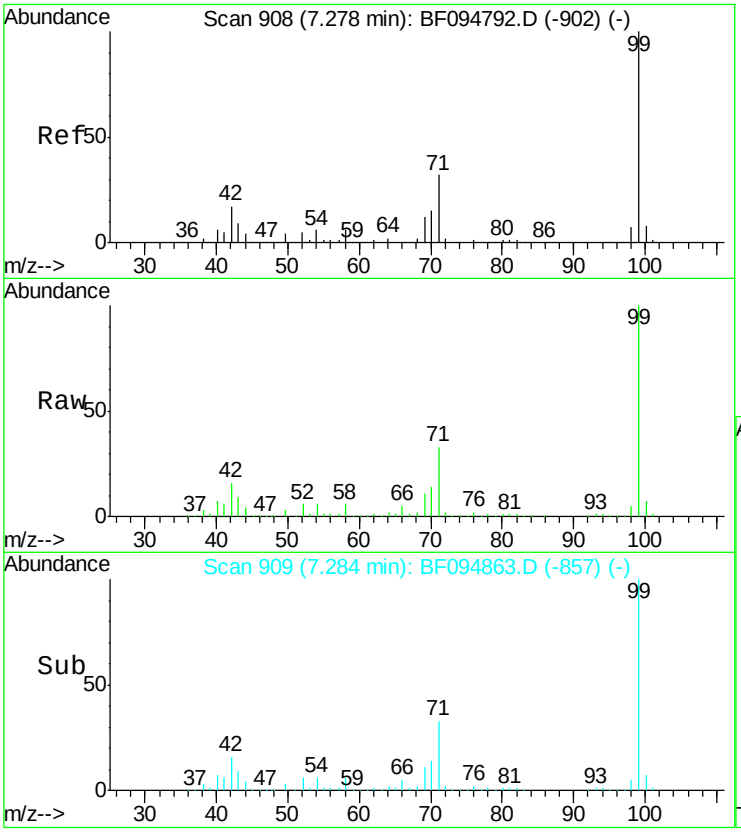


#6
Aniline
Concen: 18.92 ng
RT: 7.24 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 93 Resp: 167930

Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.2	16.0	24.0

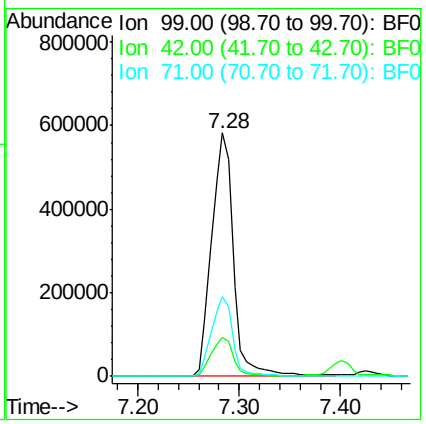




#7
Phenol-d6
Concen: 123.88 ng
RT: 7.28 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 99 Resp: 871156

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.8	24.5	36.7



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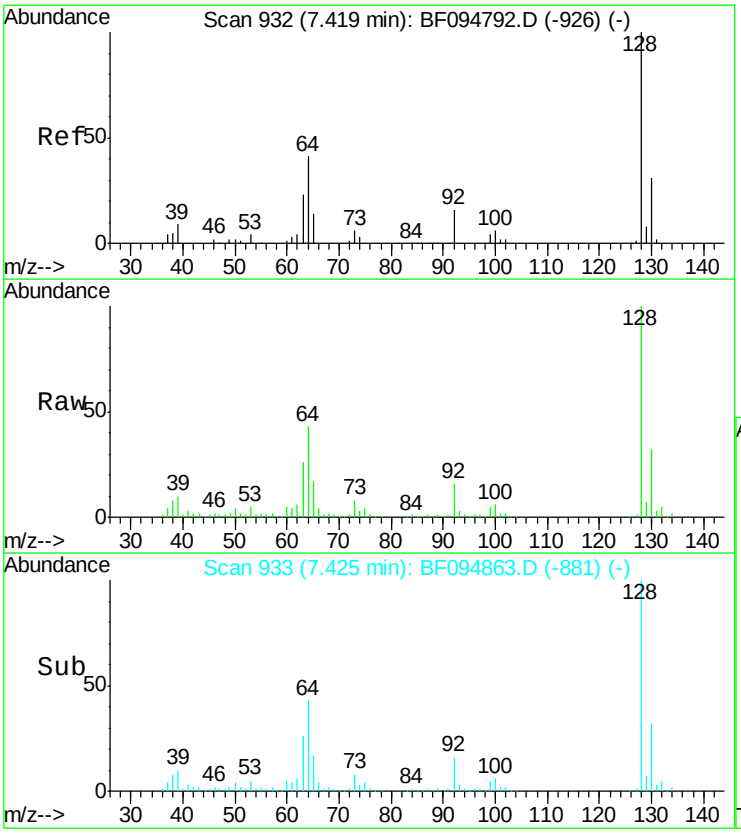
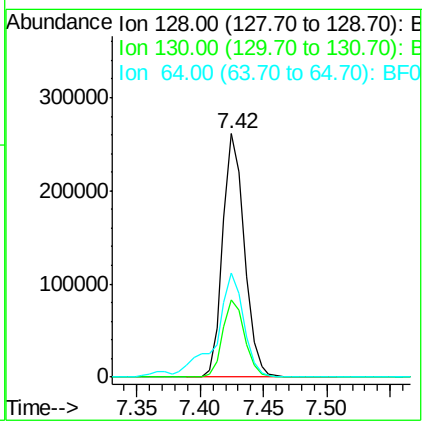
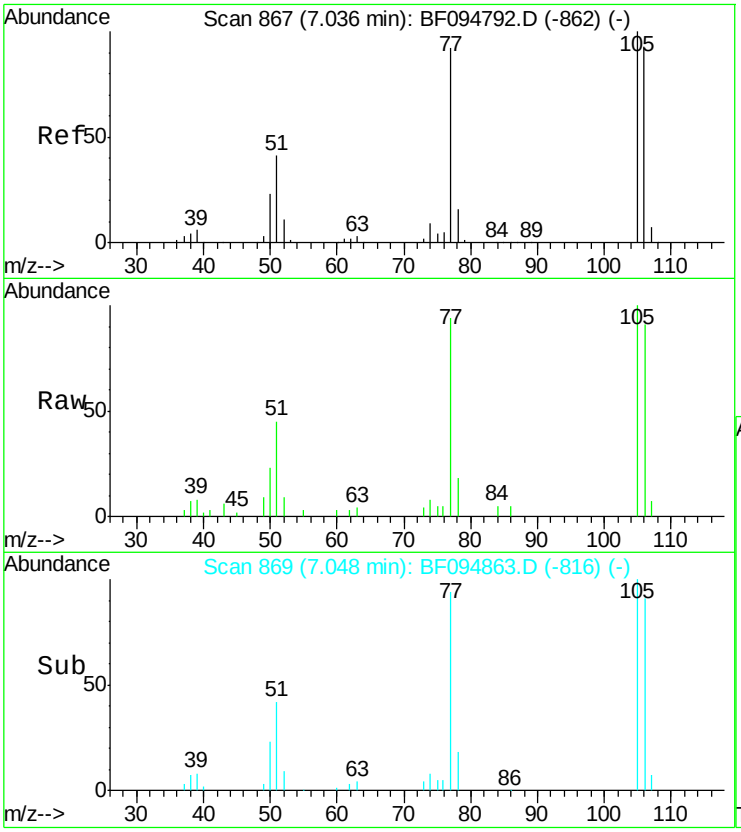


#8
2-Chlorophenol
Concen: 46.57 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:128 Resp: 310674

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	43.0	28.4	68.4

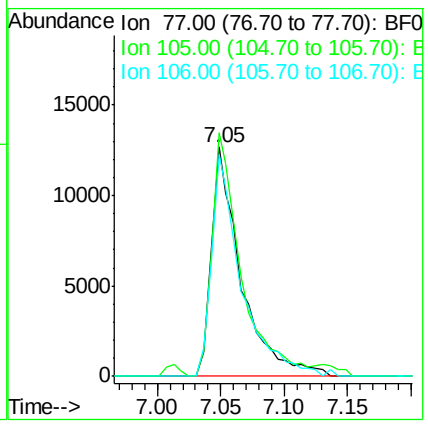




#9
Benzaldehyde
Concen: 4.85 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 77 Resp: 20817

Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.8	123.8
106	97.1	79.1	119.1



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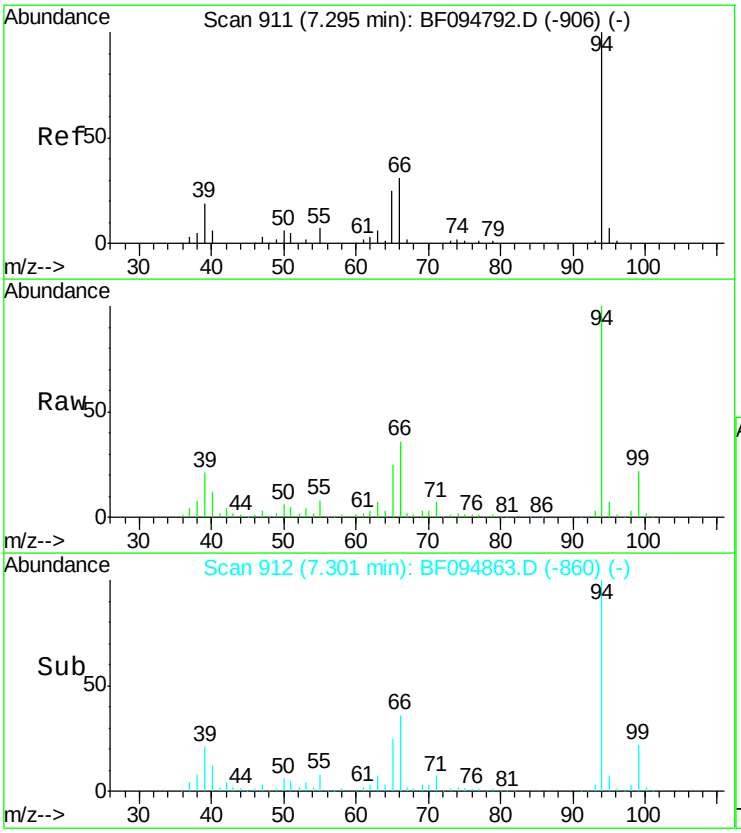
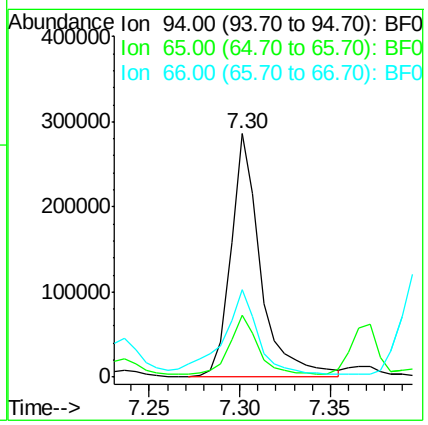
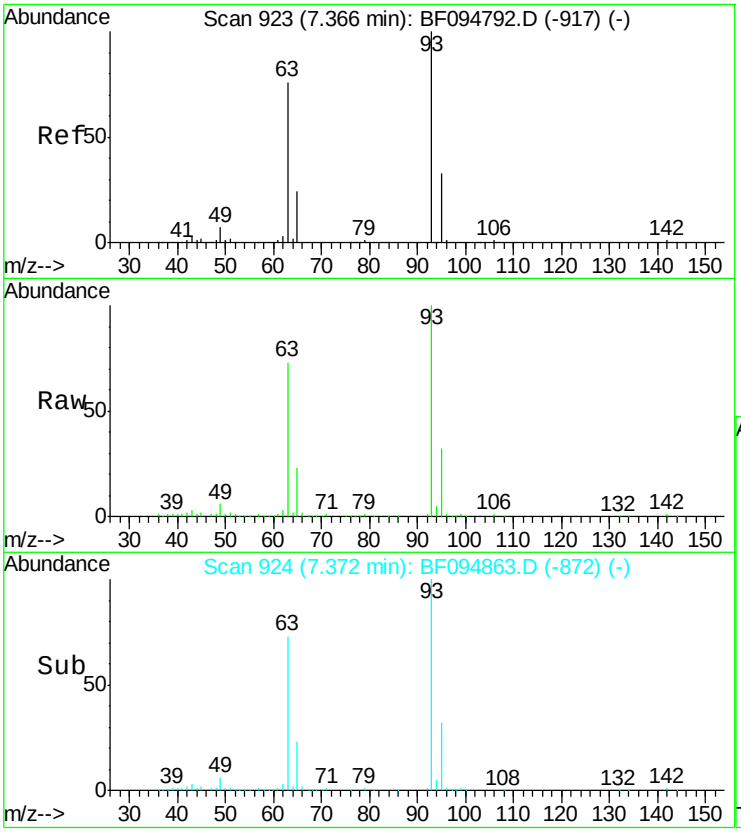


#10
Phenol
Concen: 43.80 ng
RT: 7.30 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 94 Resp: 324582

Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	36.1	23.1	63.1

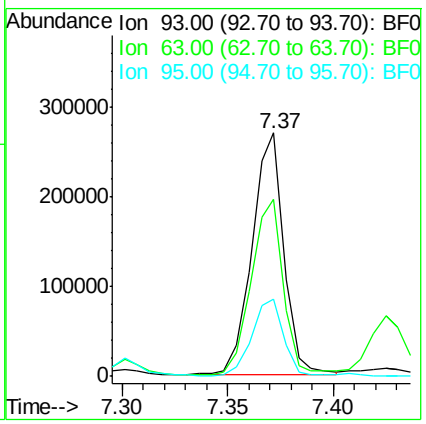




#11
bis(2-Chloroethyl)ether
Concen: 46.09 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 93 Resp: 281943

Ion	Ratio	Lower	Upper
93	100		
63	72.8	59.2	99.2
95	31.7	12.8	52.8



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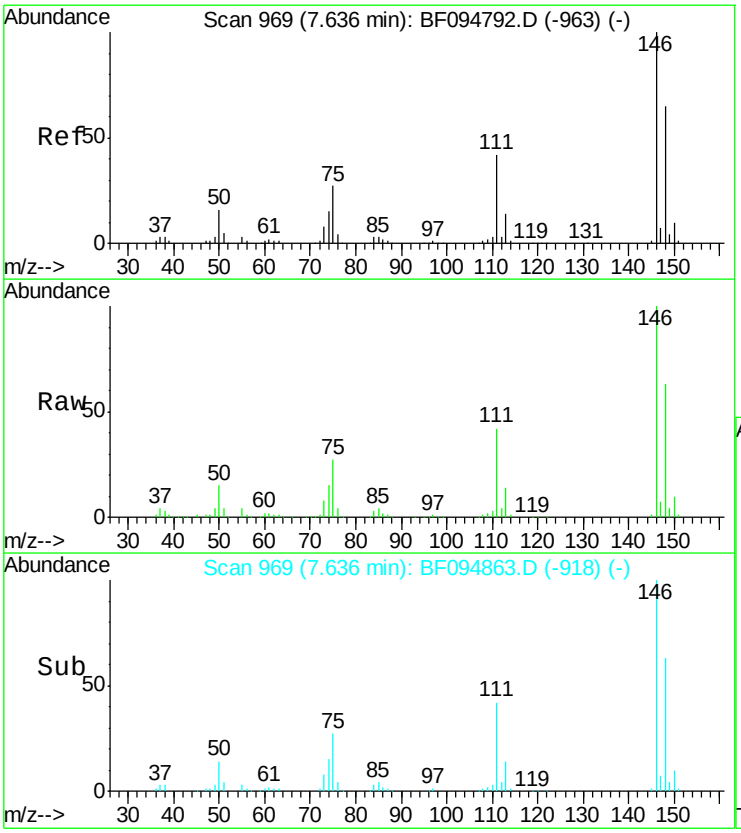
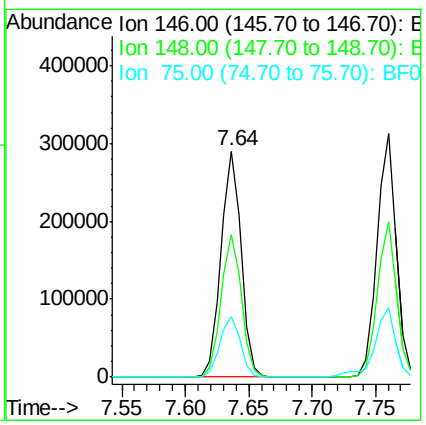
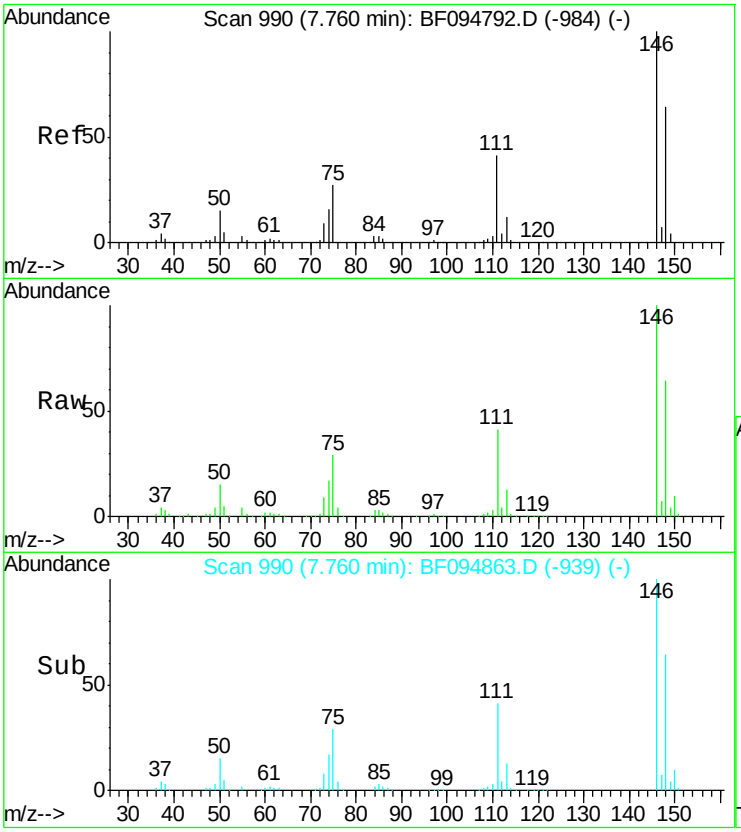


#12
1,3-Dichlorobenzene
Concen: 42.42 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:146 Resp: 321022

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
75	26.9	23.1	34.7

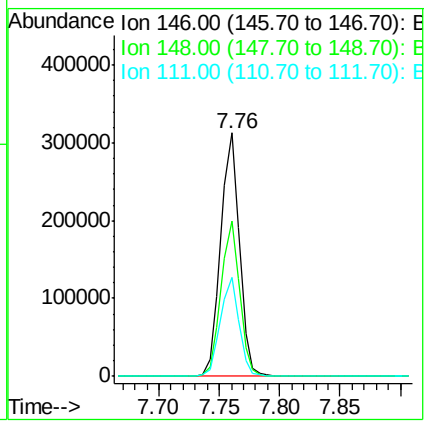




#13
1,4-Dichlorobenzene
Concen: 43.71 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:146 Resp: 335388

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	40.9	30.3	45.5



Instrument :
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ClientSampleId :
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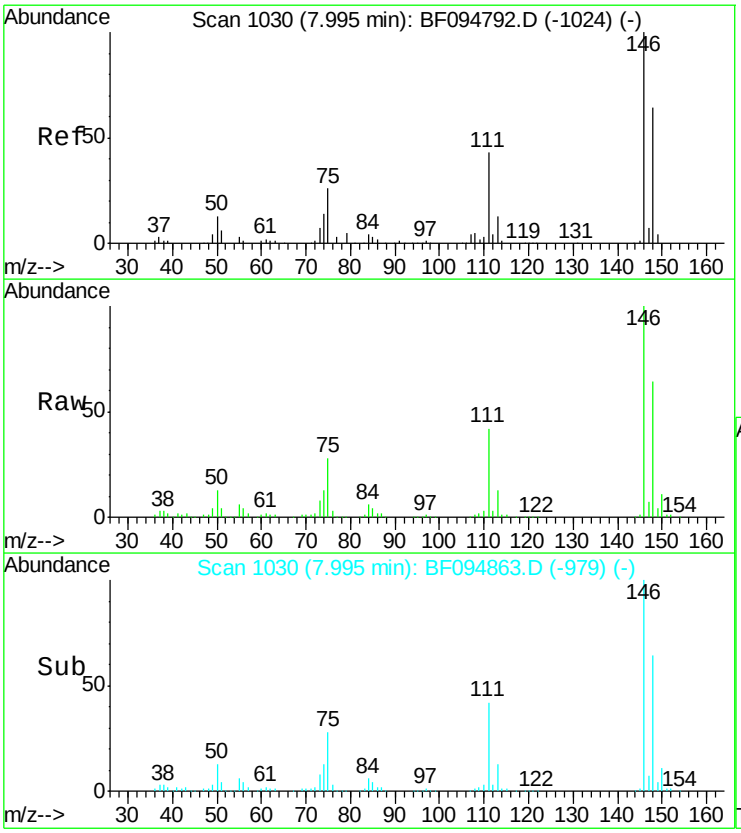
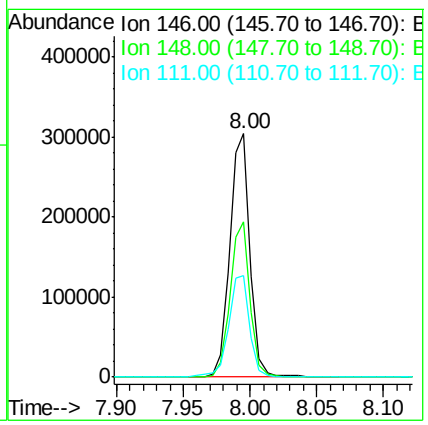
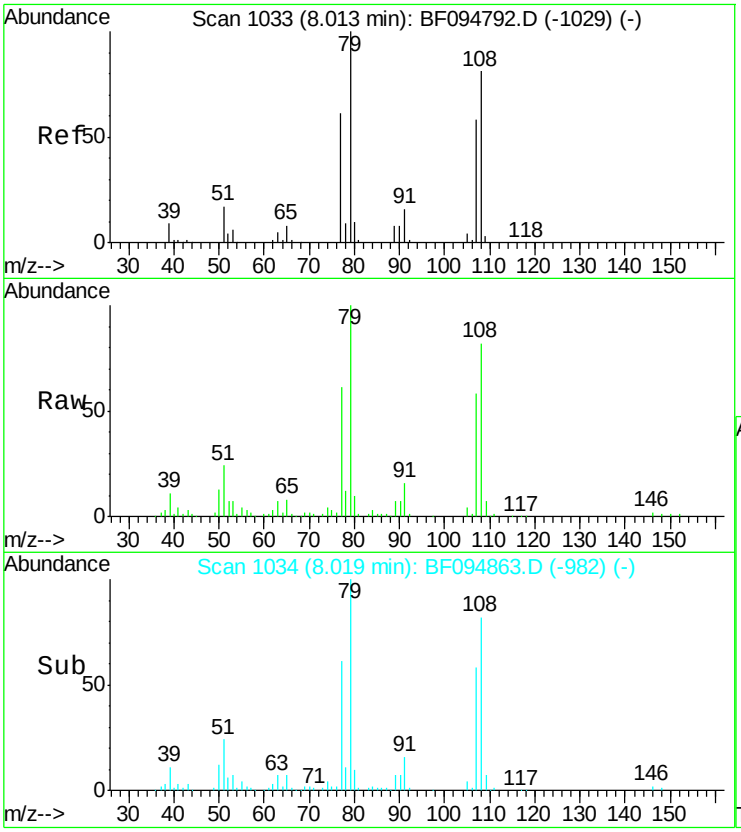


#14
1,2-Dichlorobenzene
Concen: 44.80 ng
RT: 8.00 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:146 Resp: 320878

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.5	38.2	57.4

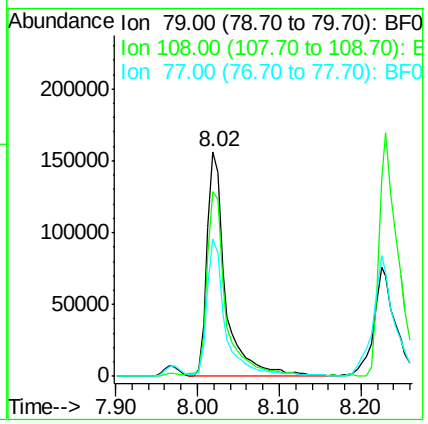




#15
Benzyl Alcohol
Concen: 54.08 ng
RT: 8.02 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 79 Resp: 244597

Ion	Ratio	Lower	Upper
79	100		
108	81.9	63.4	95.0
77	61.0	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
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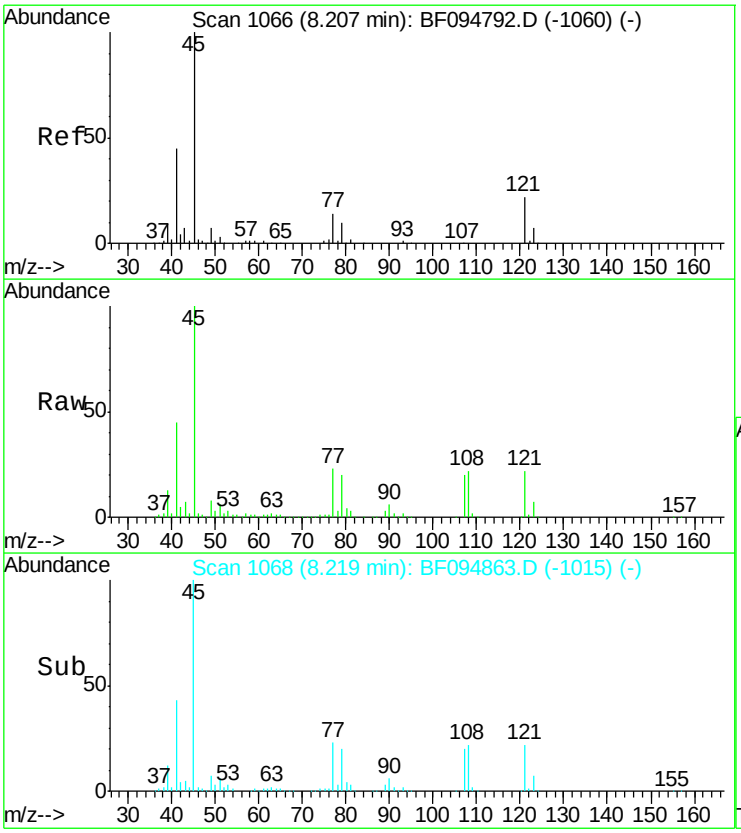
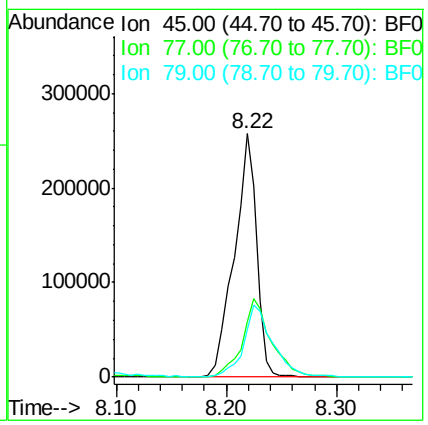
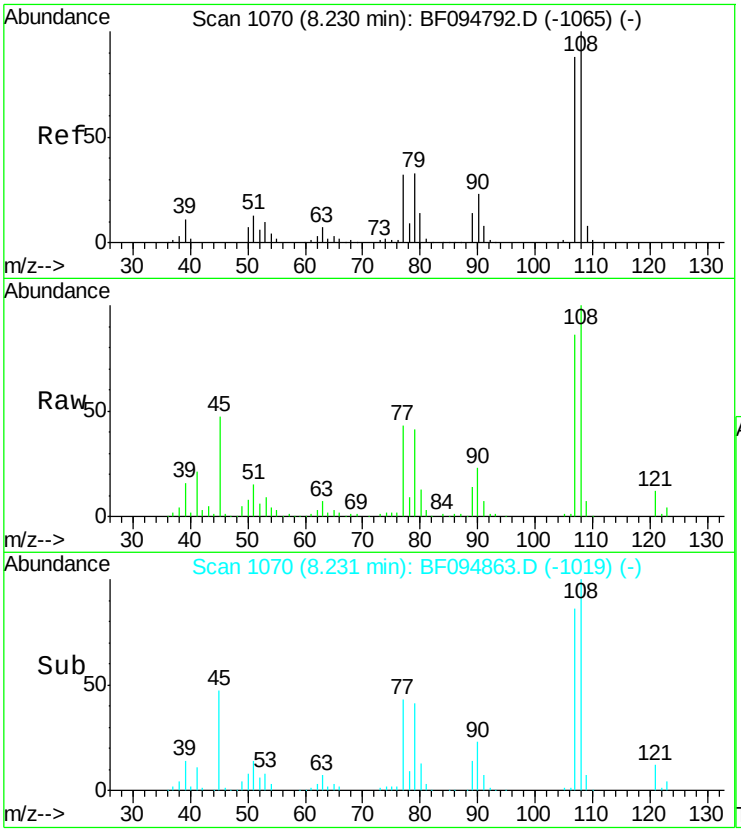


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.51 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 45 Resp: 368105

Ion	Ratio	Lower	Upper
45	100		
77	22.8	0.0	33.2
79	19.9	0.0	30.0

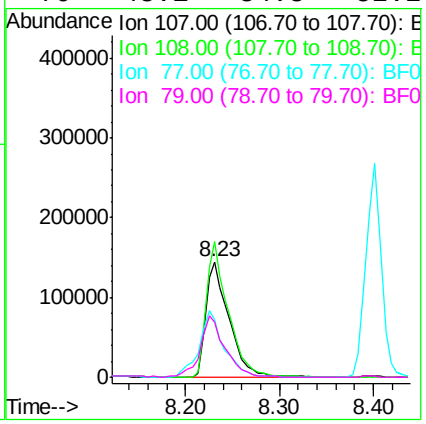




#17
2-Methylphenol
Concen: 45.11 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:107 Resp: 246276

Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	49.9	35.8	53.6
79	48.1	34.8	52.2



Instrument :
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ClientSampleId :
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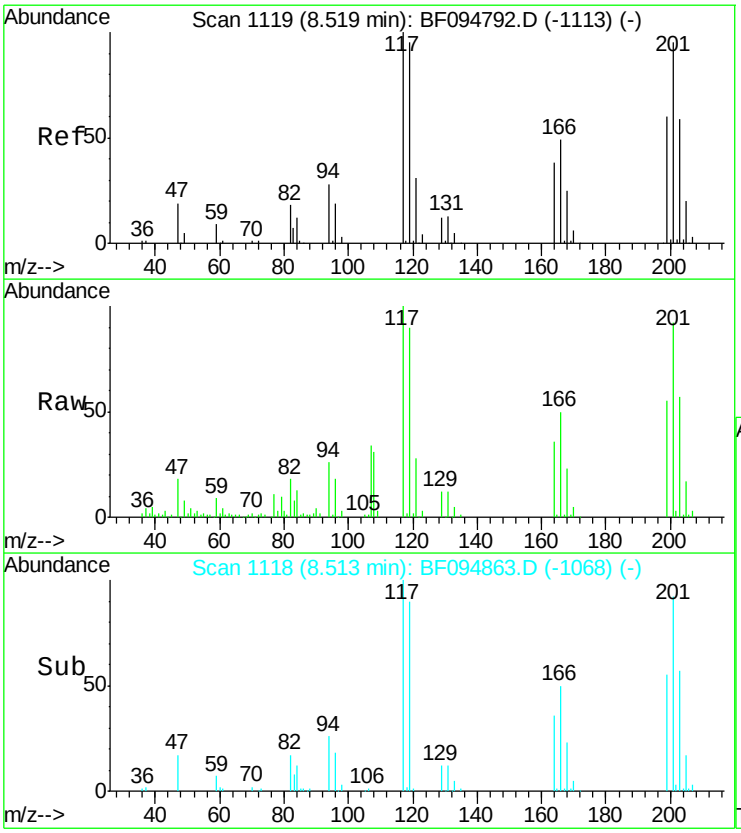
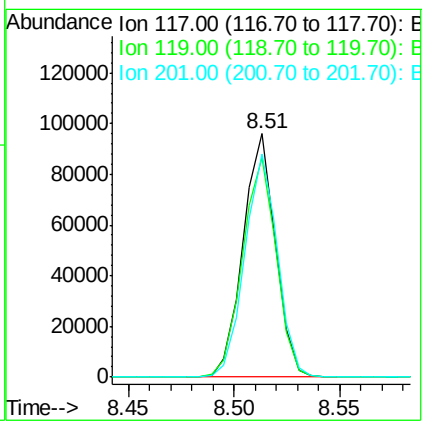
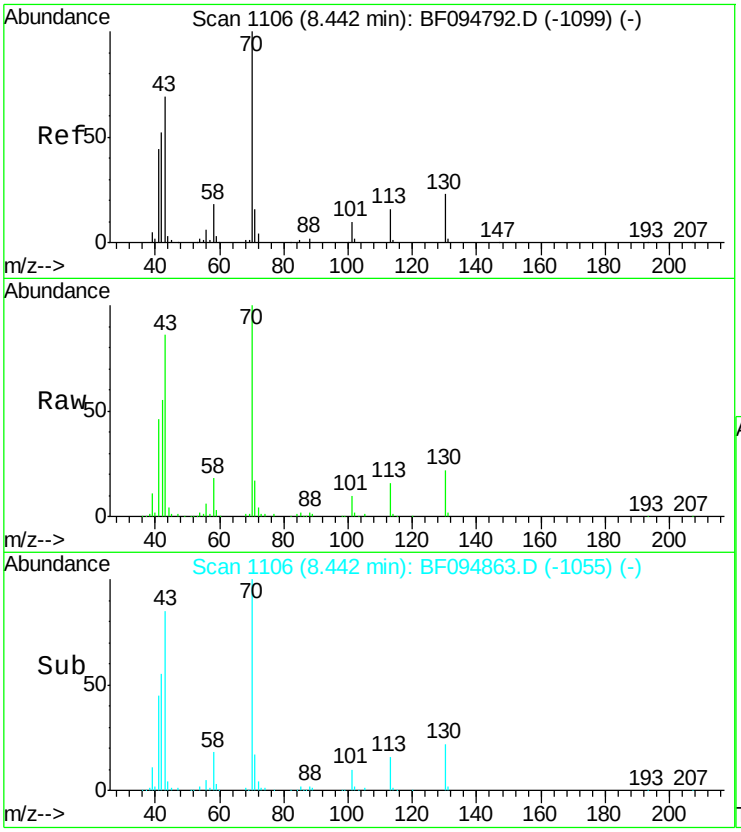


#18
Hexachloroethane
Concen: 39.36 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:117 Resp: 102318

Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.4	116.0
201	91.7	94.6	141.8#

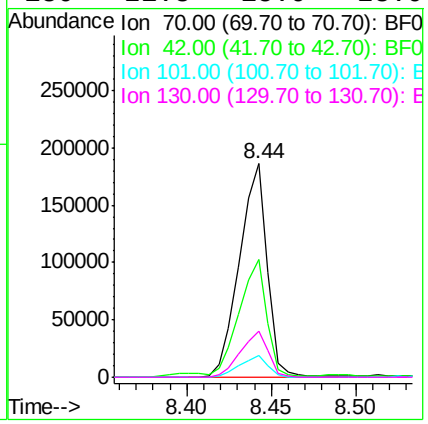




#19
n-Nitroso-di-n-propylamine
Concen: 45.27 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 70 Resp: 215309

Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	10.2	7.2	10.8
130	21.8	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
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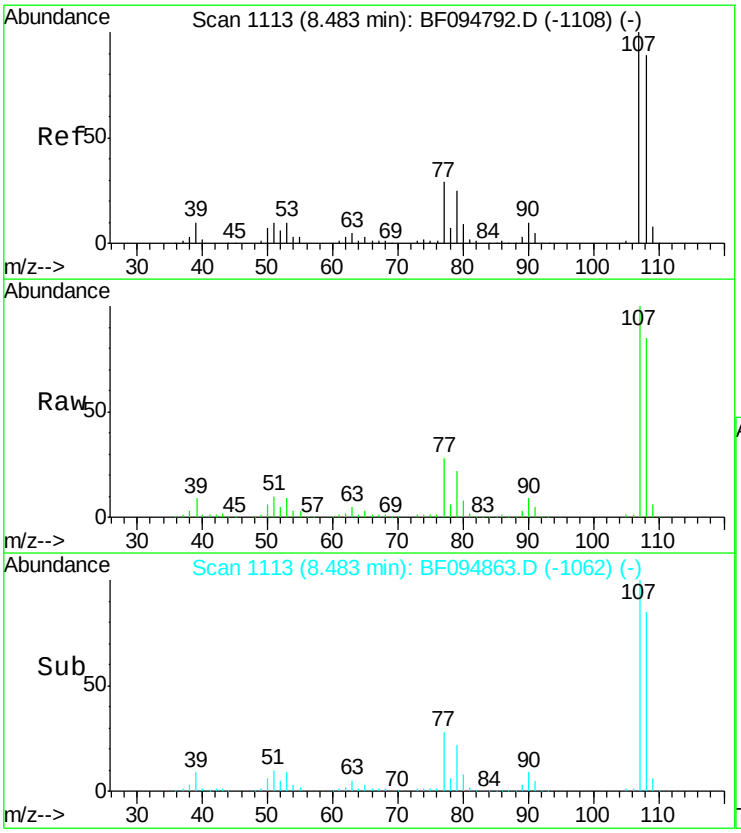
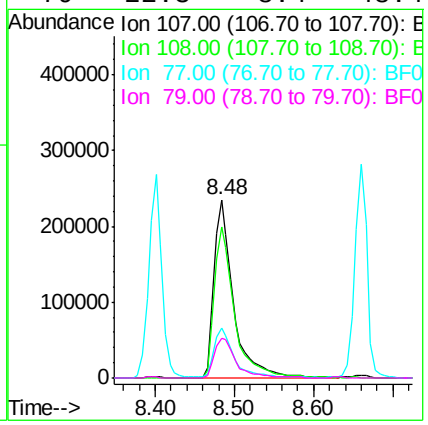
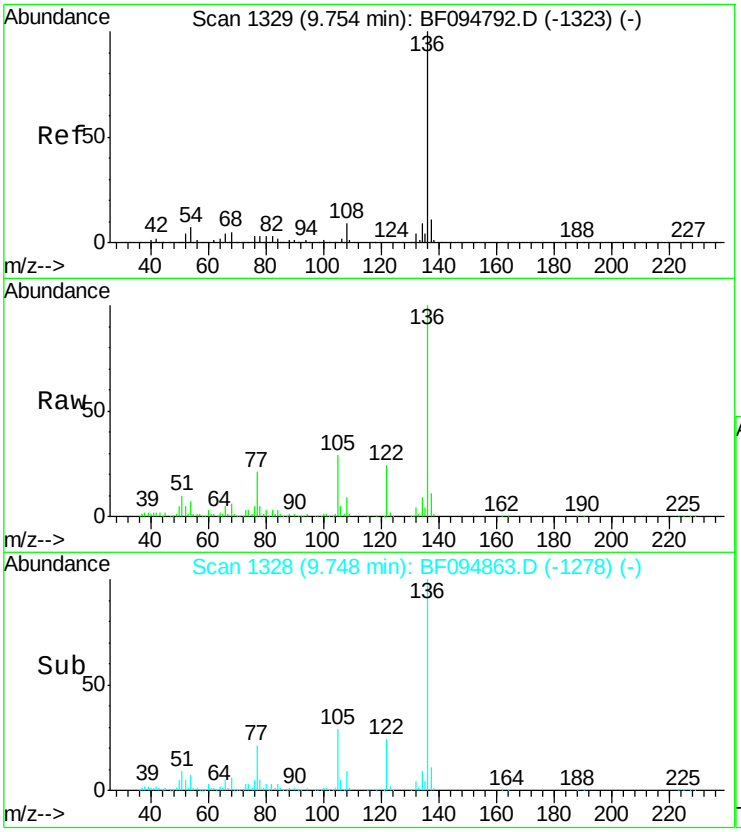


#20
3+4-Methylphenols
Concen: 53.94 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:107 Resp: 400140

Ion	Ratio	Lower	Upper
107	100		
108	84.6	71.0	111.0
77	28.0	90.5	130.5#
79	22.3	8.4	48.4

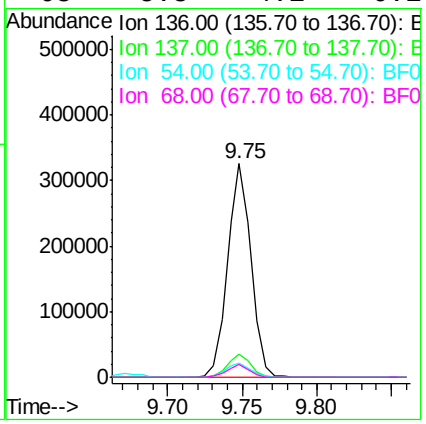




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:136 Resp: 357515

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
OWS-1MS

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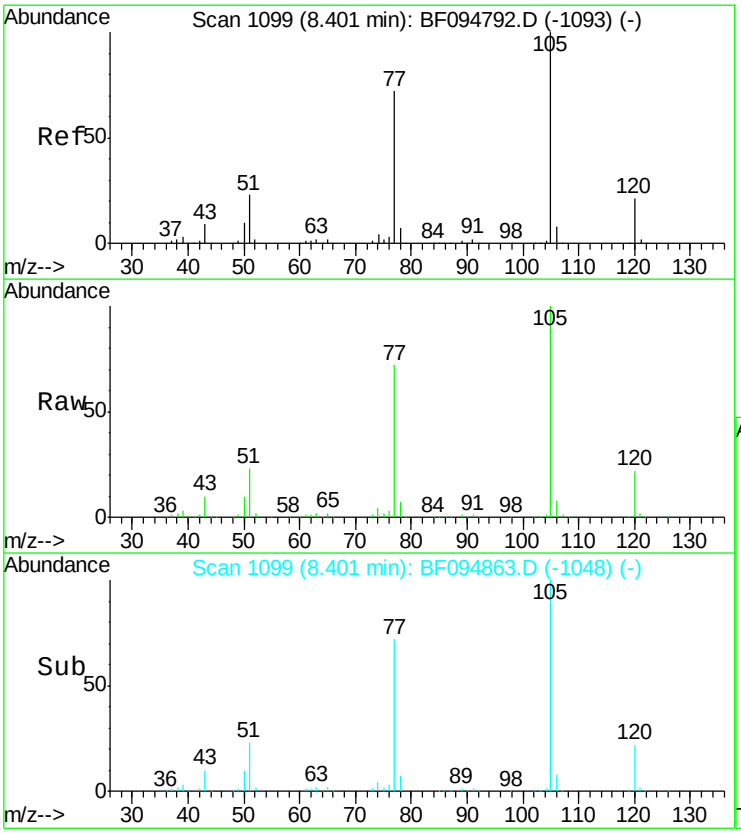
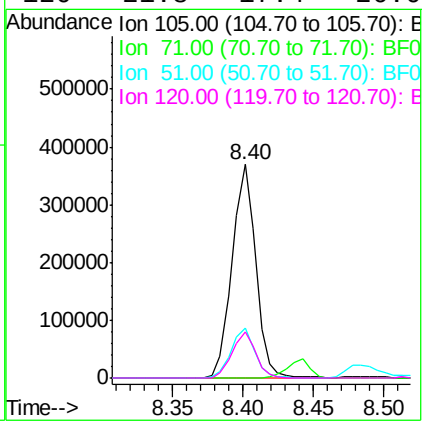
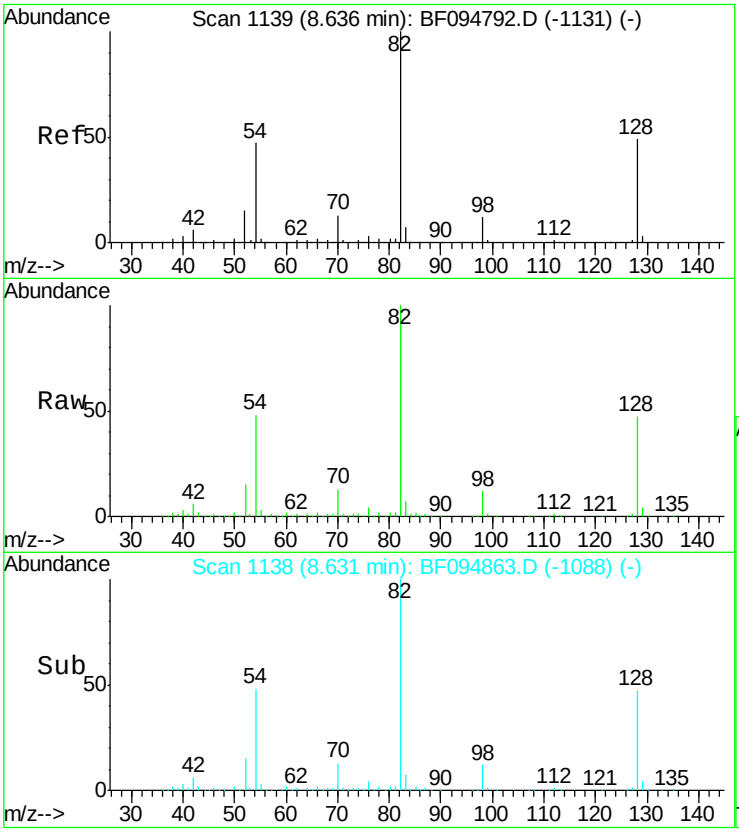


#22
Acetophenone
Concen: 50.46 ng
RT: 8.40 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:105 Resp: 432826

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	23.3	30.7	46.1#
120	21.8	17.4	26.0

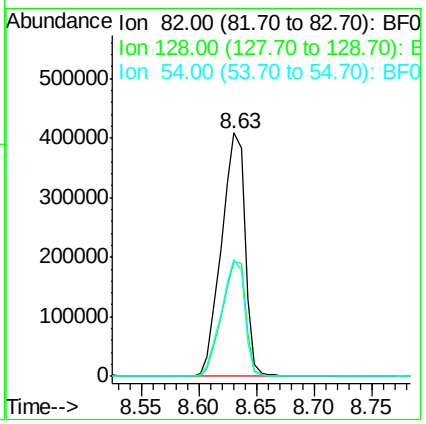




#23
Nitrobenzene-d5
Concen: 102.60 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 82 Resp: 581690

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	47.8	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
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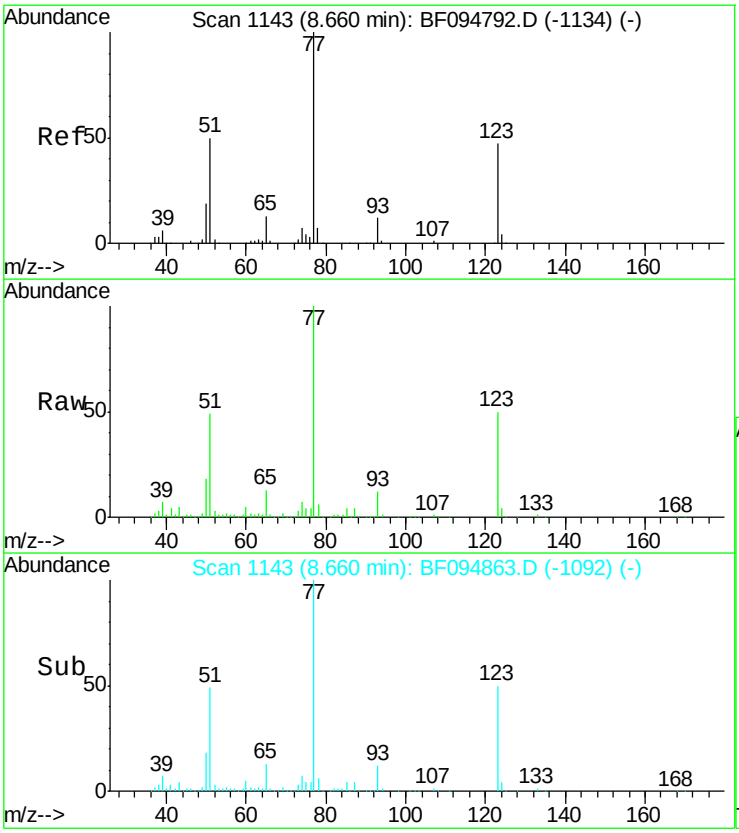
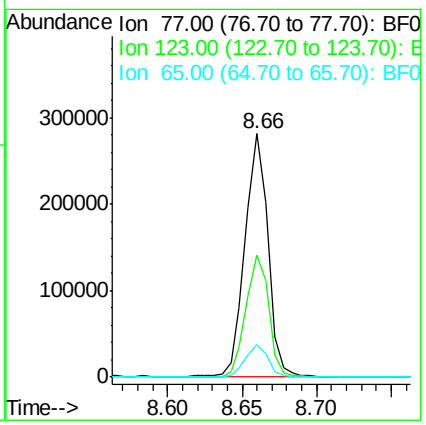
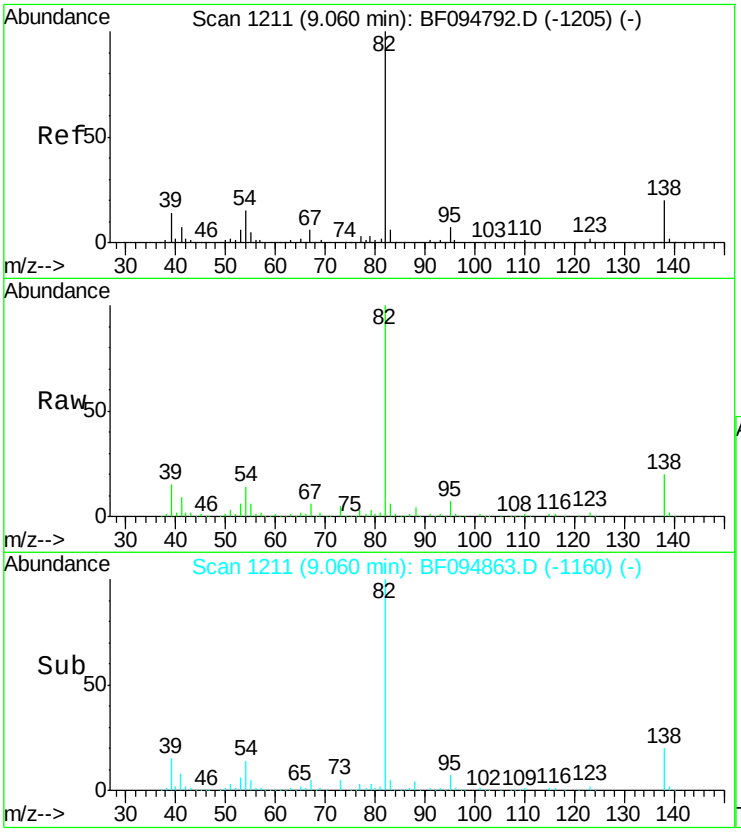


#24
Nitrobenzene
Concen: 50.03 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 77 Resp: 297315

Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.8	53.8
65	13.2	10.6	15.8

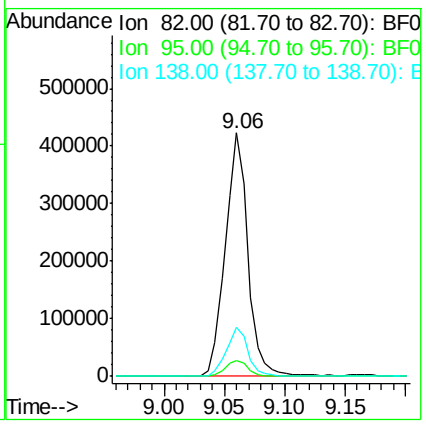




#25
Isophorone
Concen: 54.16 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 82 Resp: 548250

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	20.1	13.1	19.7#



Instrument :
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ClientSampleId :
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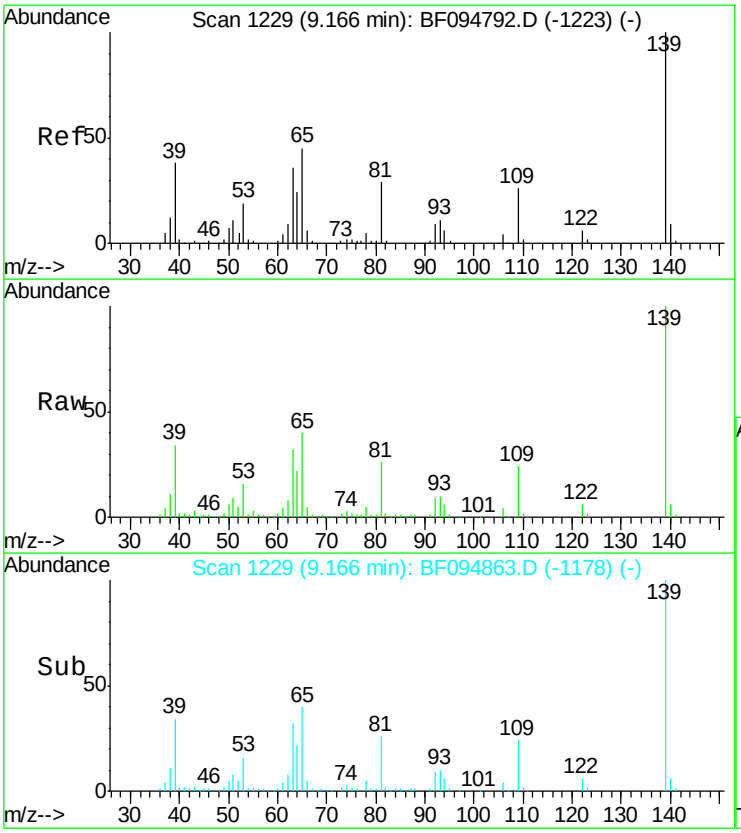
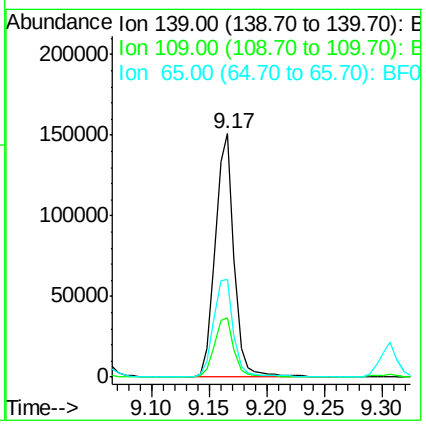
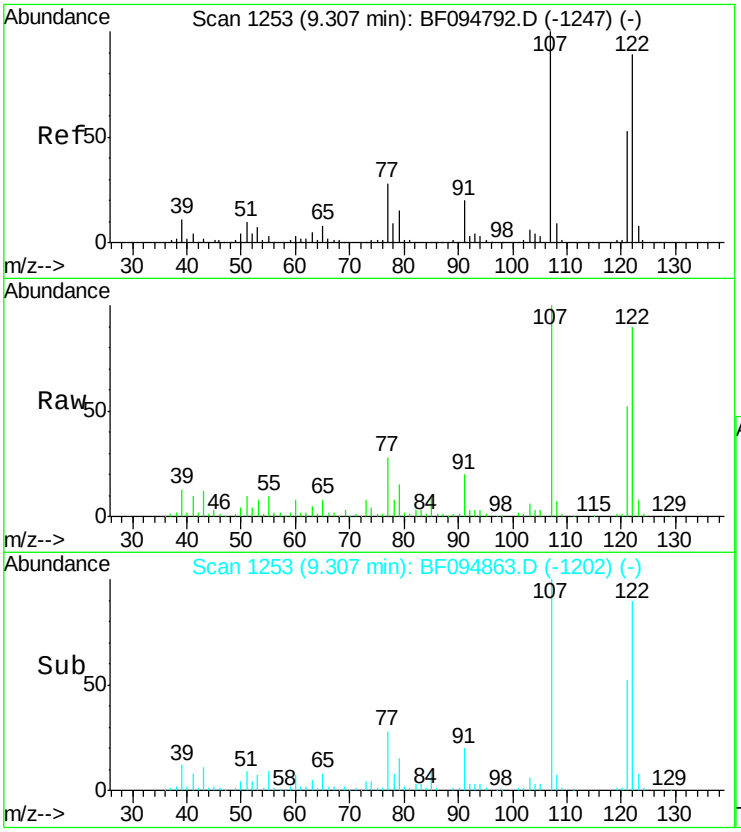


#26
2-Nitrophenol
Concen: 53.10 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:139 Resp: 170273

Ion	Ratio	Lower	Upper
139	100		
109	24.1	21.0	31.6
65	40.2	33.0	49.6

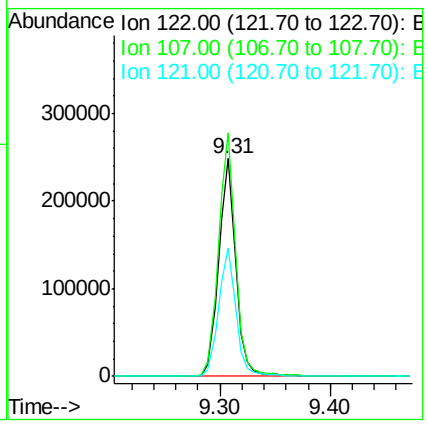




#27
2,4-Dimethylphenol
Concen: 51.97 ng
RT: 9.31 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:122 Resp: 269464

Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.2	133.8
121	58.6	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
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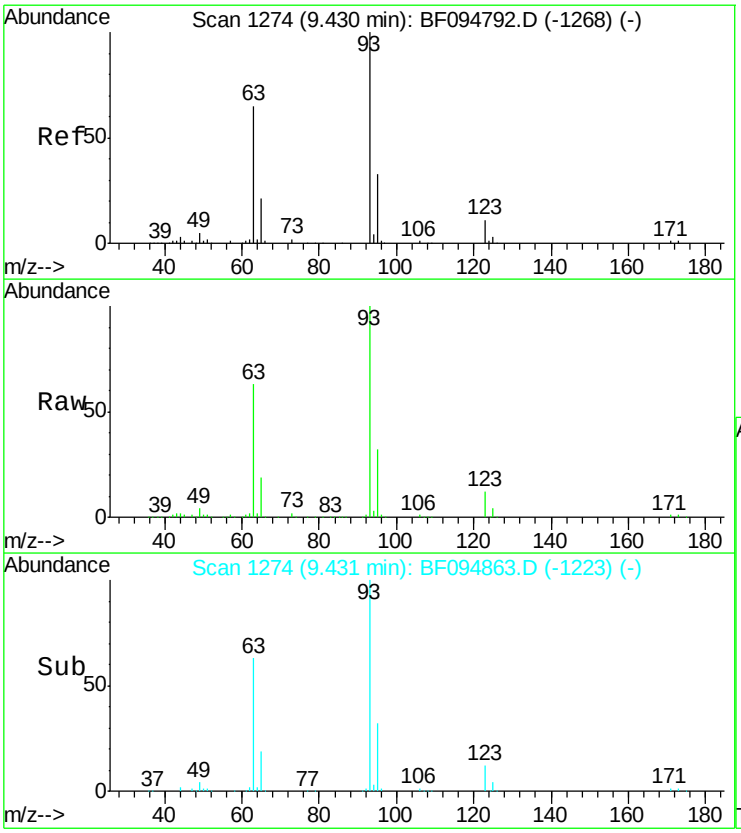
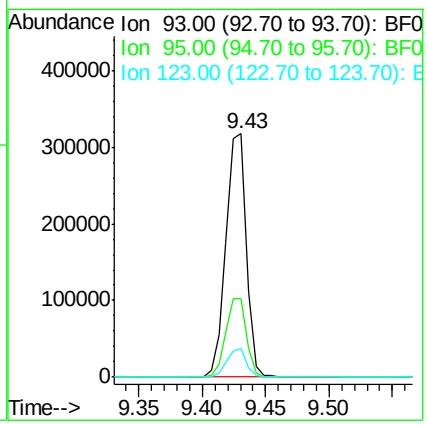
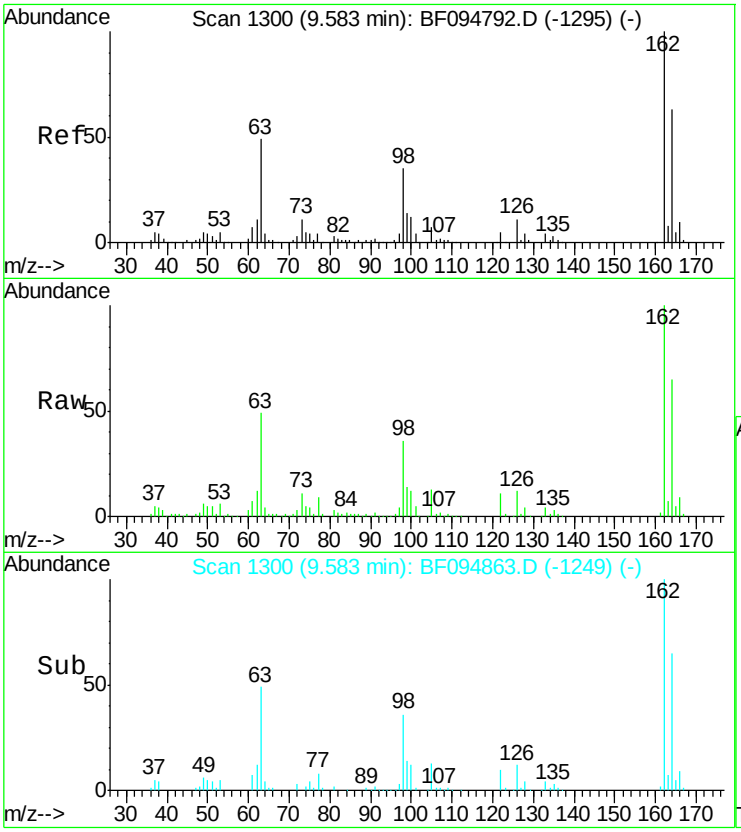


#28
bis(2-Chloroethoxy)methane
Concen: 50.64 ng
RT: 9.43 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 93 Resp: 354676

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	11.6	9.0	13.4

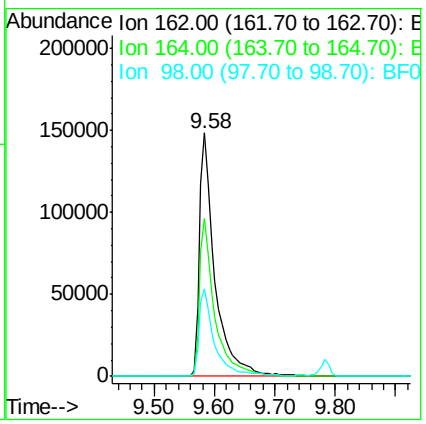




#29
2,4-Dichlorophenol
Concen: 54.06 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:162 Resp: 264634

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	36.0	14.8	54.8



Instrument :
BNA_F
ClientSampleId :
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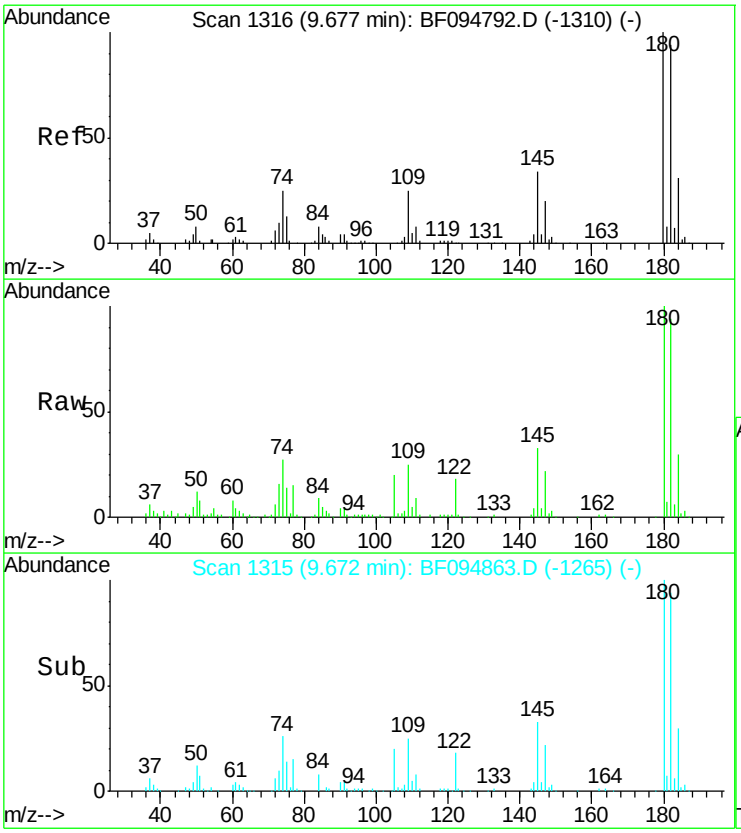
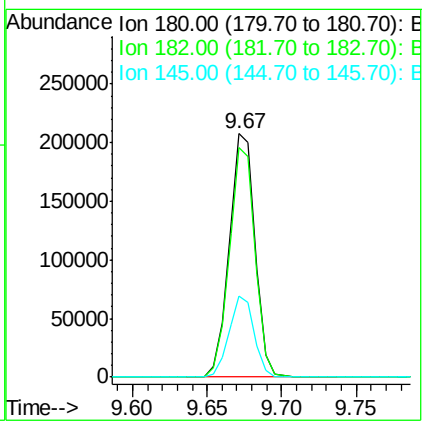
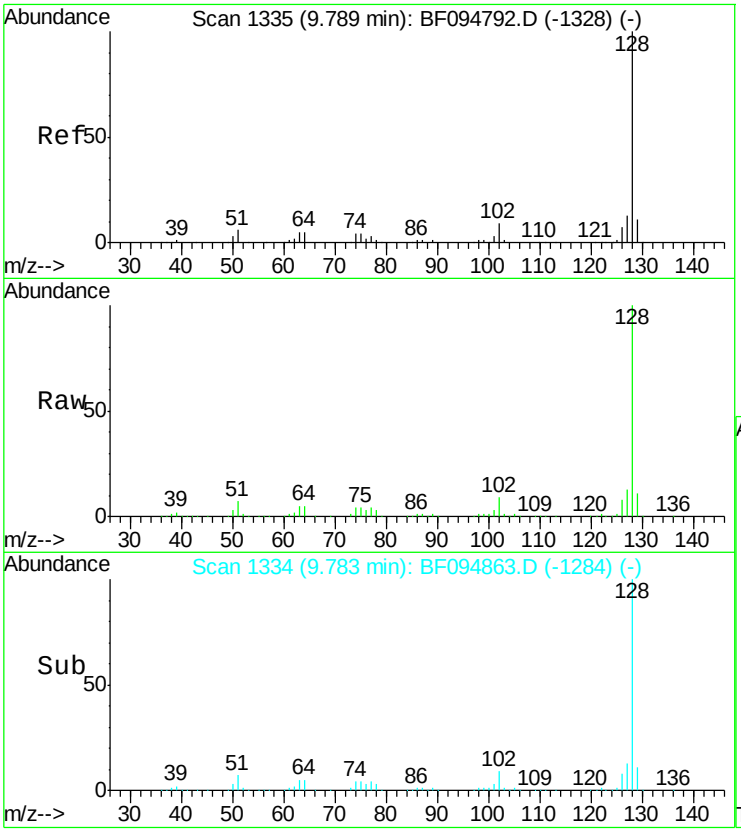


#30
1,2,4-Trichlorobenzene
Concen: 47.95 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:180 Resp: 251470

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	33.1	25.3	37.9

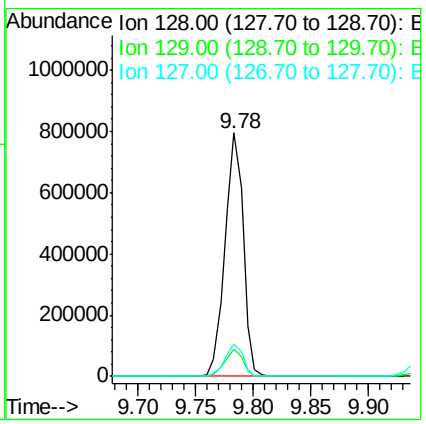




#31
Naphthalene
Concen: 48.42 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:128 Resp: 870097

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.8	16.2



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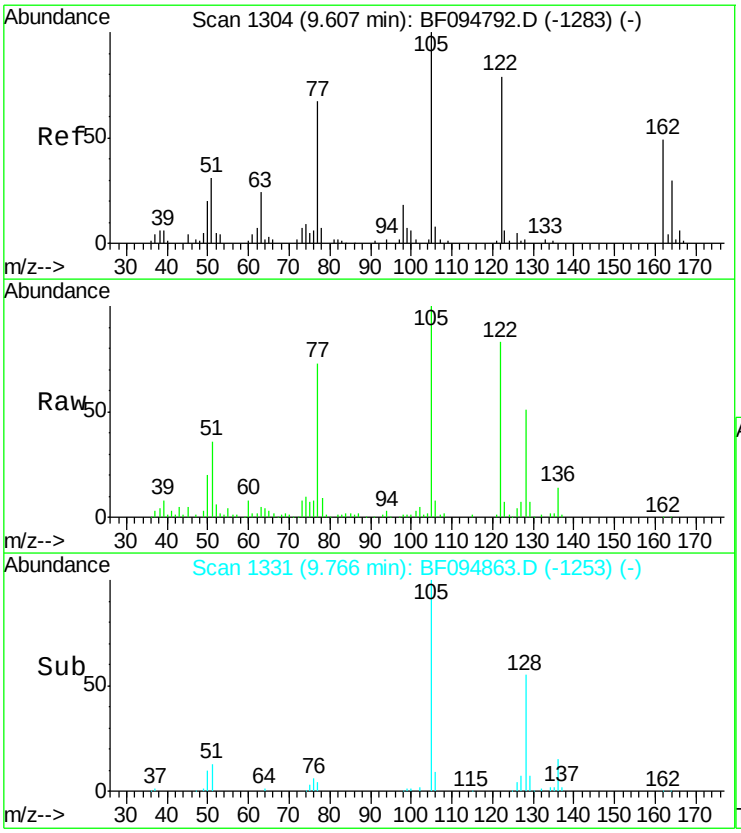
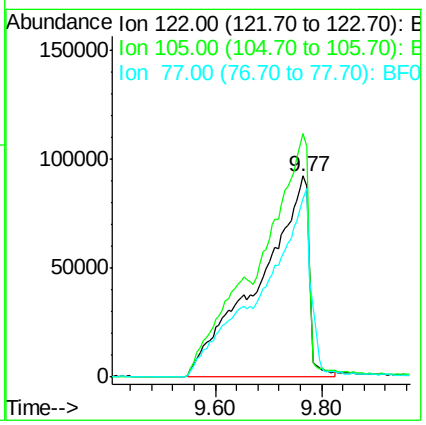
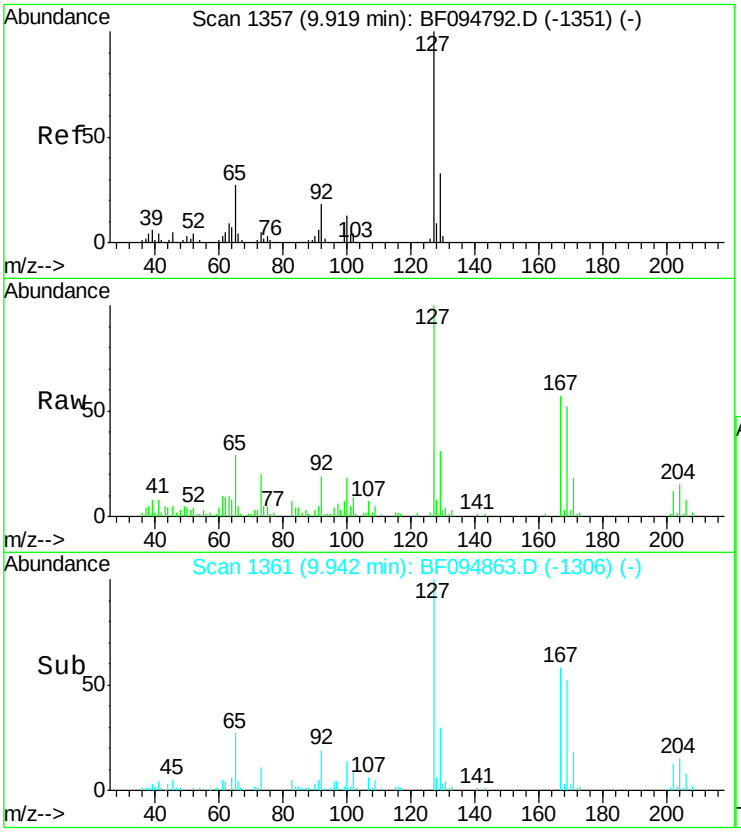


#32
Benzoic acid
Concen: 162.51 ng m
RT: 9.77 min Scan# 1331
Delta R.T. 0.16 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:122 Resp: 599335

Ion	Ratio	Lower	Upper
122	100		
105	121.2	103.3	143.3
77	88.7	73.7	113.7

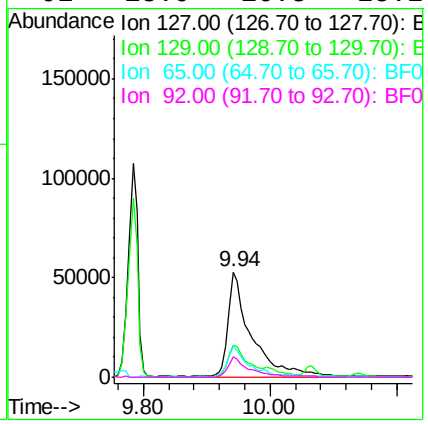




#33
4-Chloroaniline
Concen: 19.53 ng
RT: 9.94 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:127 Resp: 130794

Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	29.3	27.8	41.8
92	18.9	16.8	25.2



Instrument :
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ClientSampleId :
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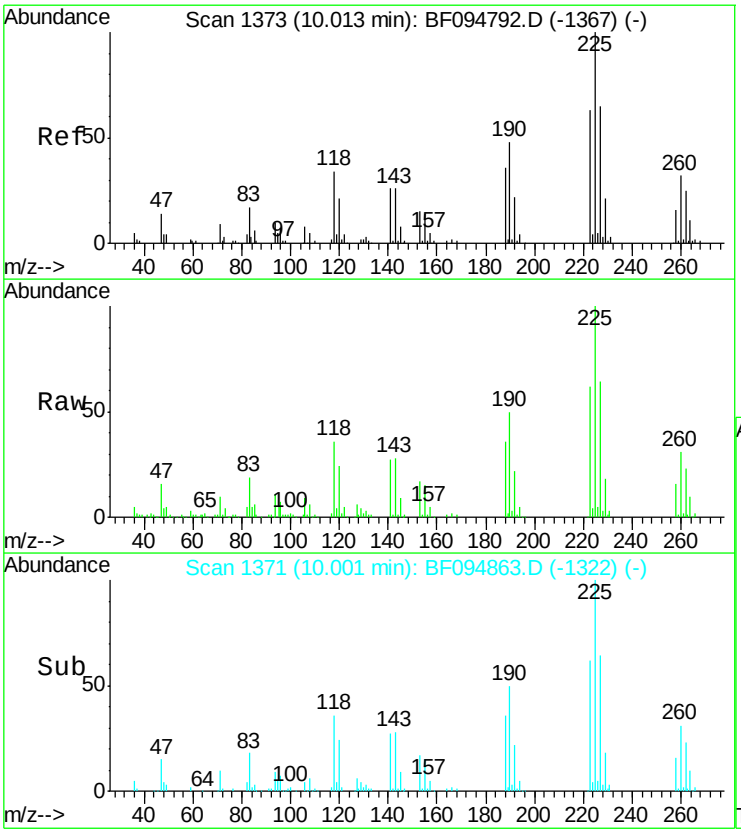
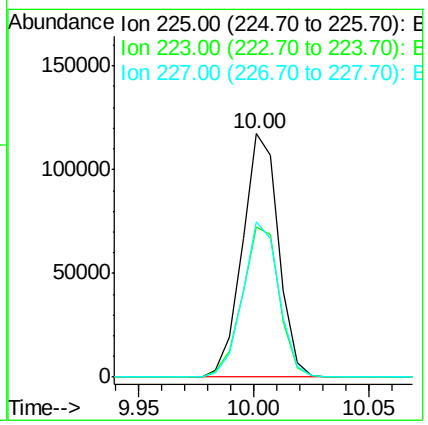
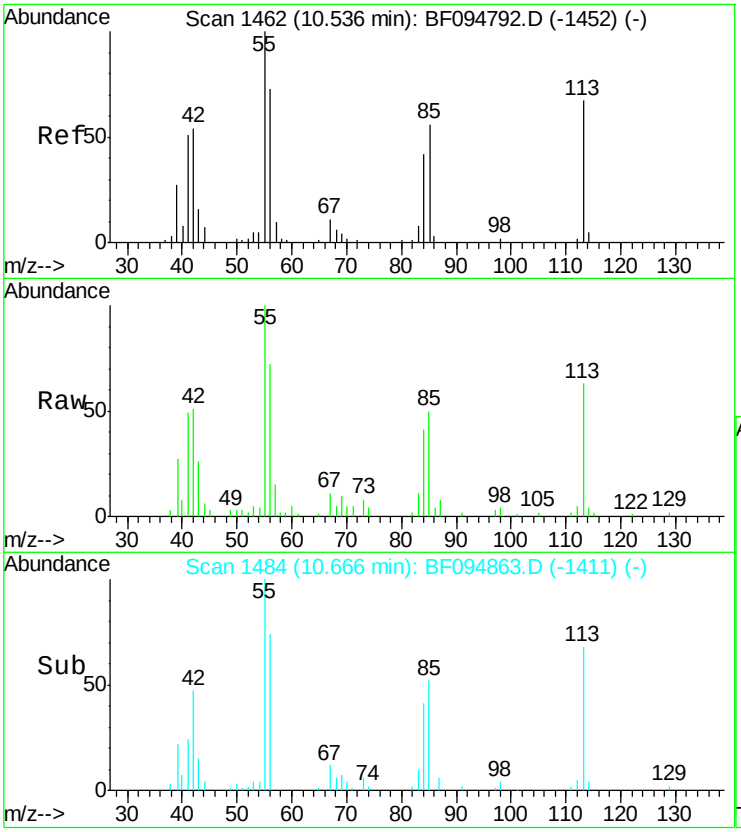


#34
Hexachlorobutadiene
Concen: 46.37 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:225 Resp: 128306

Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.8	51.1	76.7

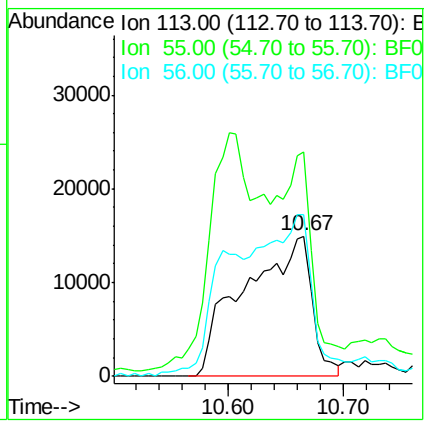




#35
Caprolactam
Concen: 41.29 ng
RT: 10.67 min Scan# 1484
Delta R.T. 0.13 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:113 Resp: 60693

Ion	Ratio	Lower	Upper
113	100		
55	159.5	150.2	190.2
56	115.4	107.8	147.8



Instrument :
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ClientSampleId :
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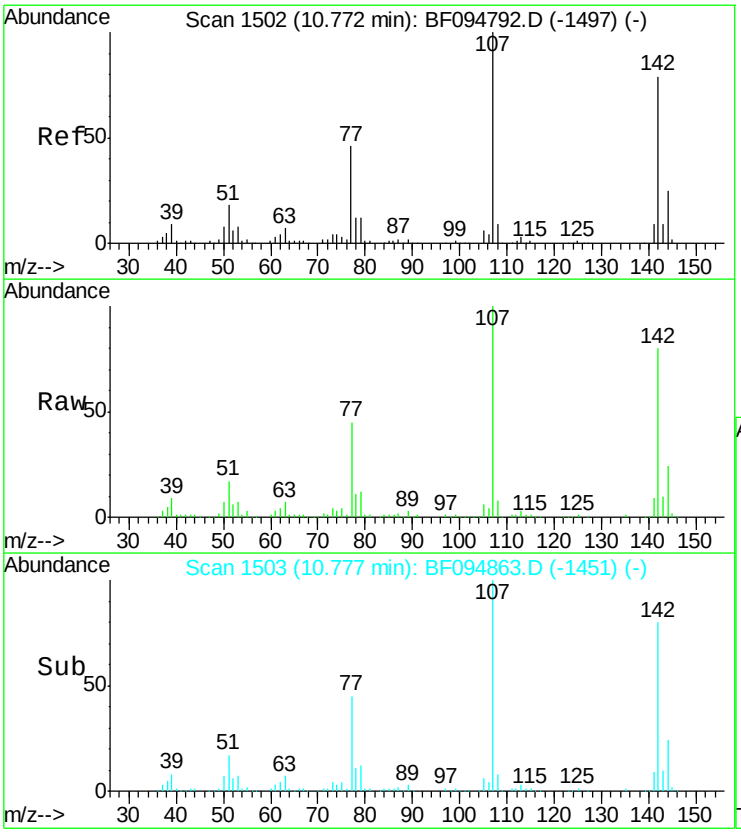
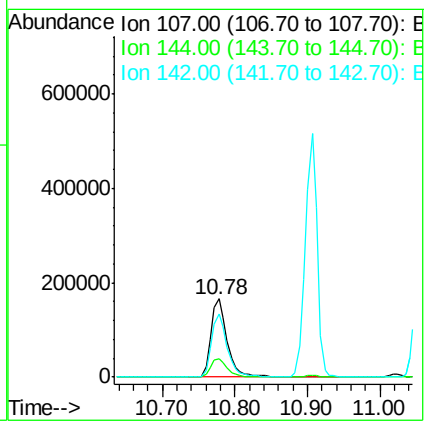
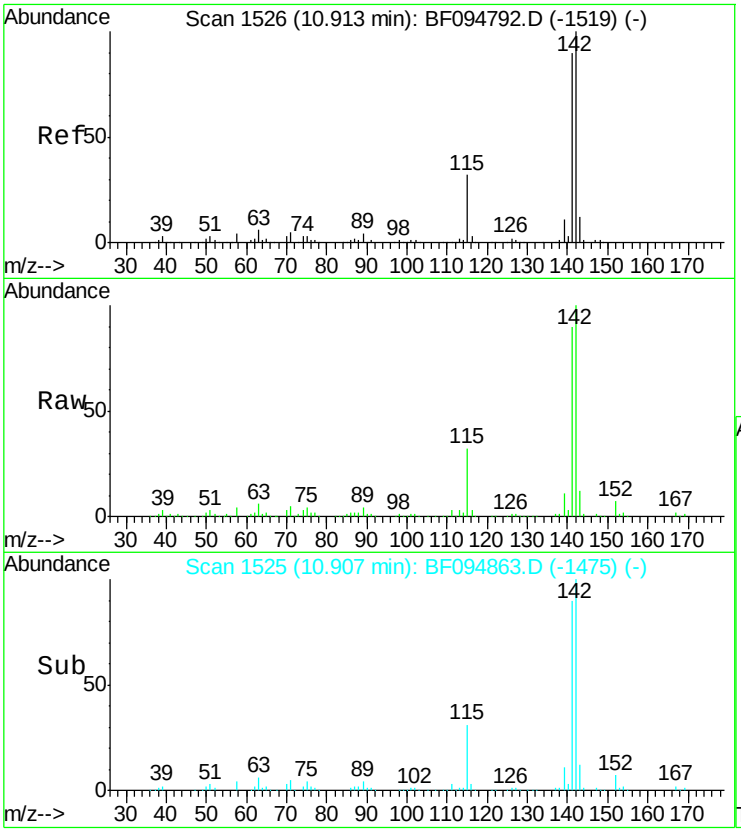


#36
4-Chloro-3-methylphenol
Concen: 49.35 ng
RT: 10.78 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:107 Resp: 258279

Ion	Ratio	Lower	Upper
107	100		
144	23.9	24.2	36.4#
142	80.5	73.4	110.0

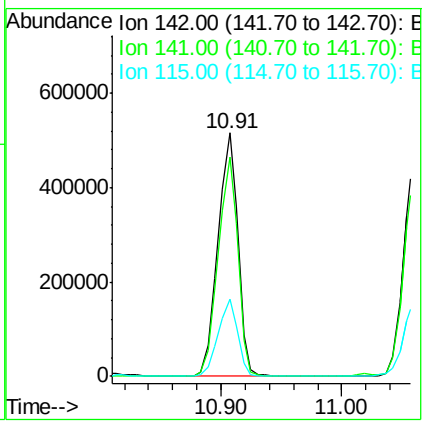




#37
2-Methylnaphthalene
Concen: 49.86 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:142 Resp: 587950

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	31.5	27.1	40.7



Instrument :
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ClientSampleId :
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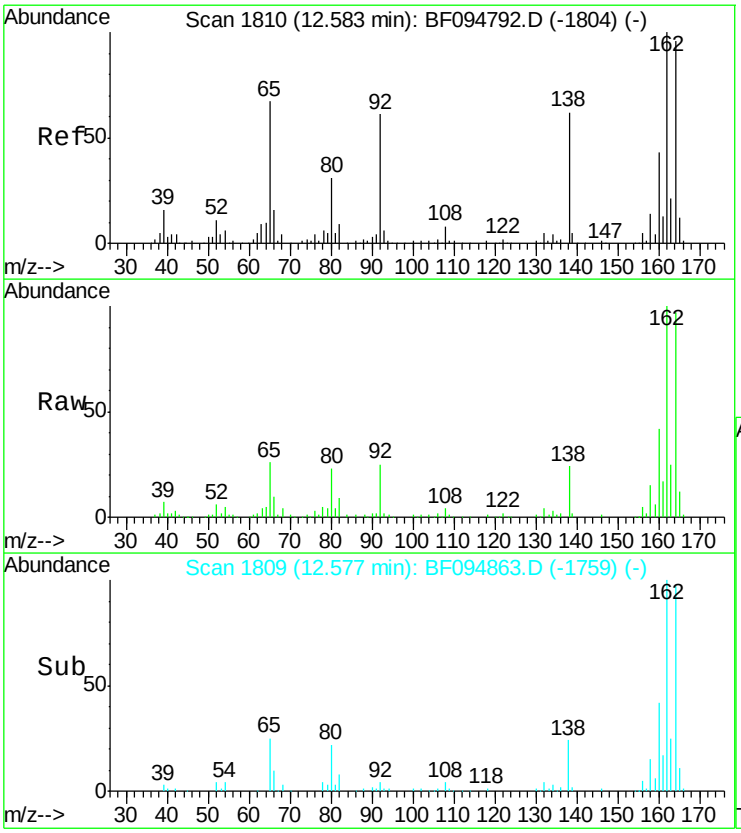
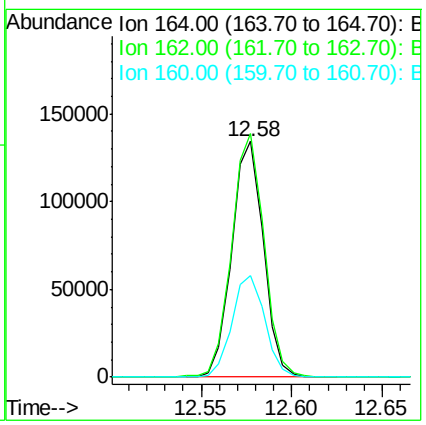
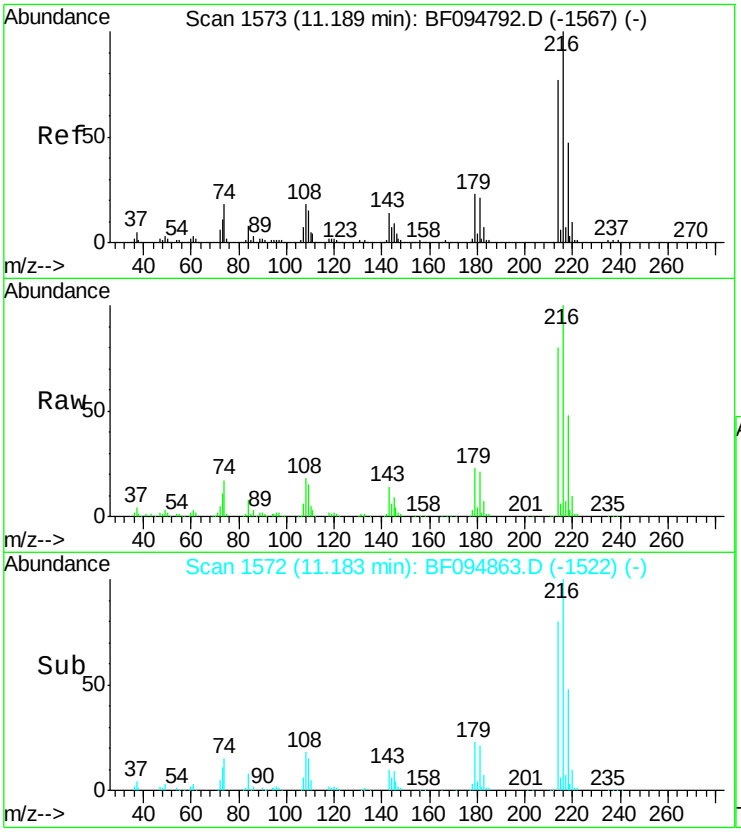


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:164 Resp: 162610

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	43.1	36.2	54.2

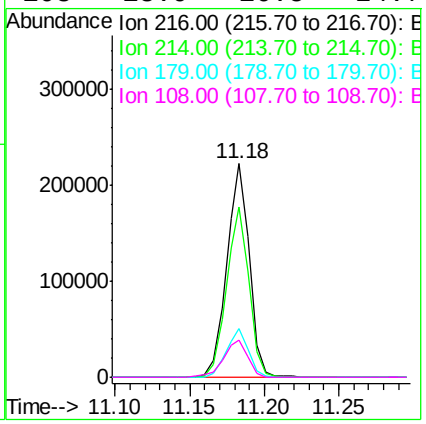




#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.28 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:216 Resp: 236448

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.1	17.9	26.9
108	18.9	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
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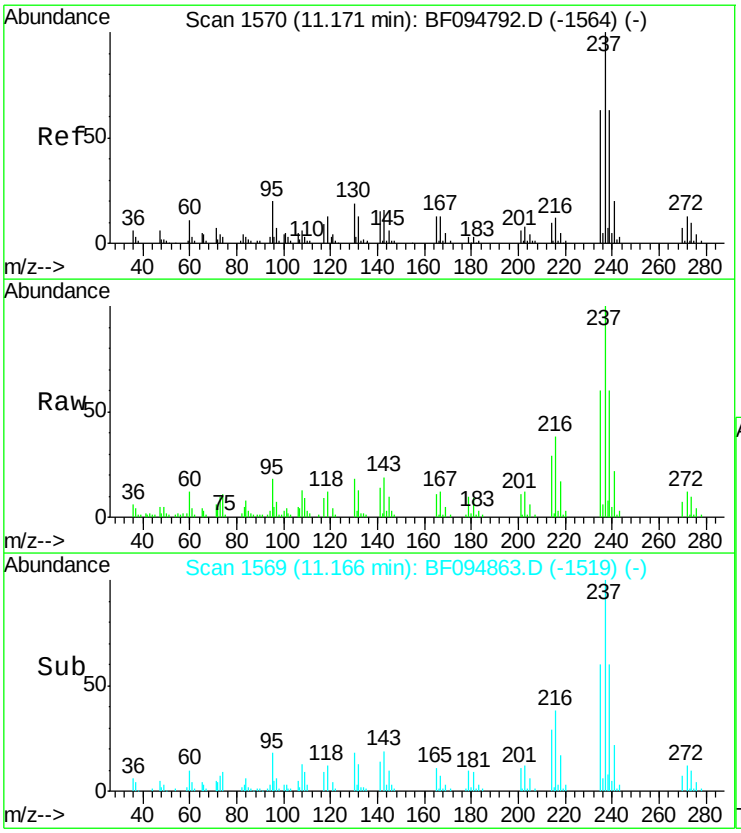
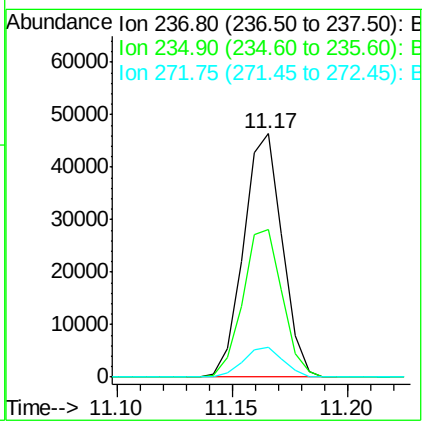
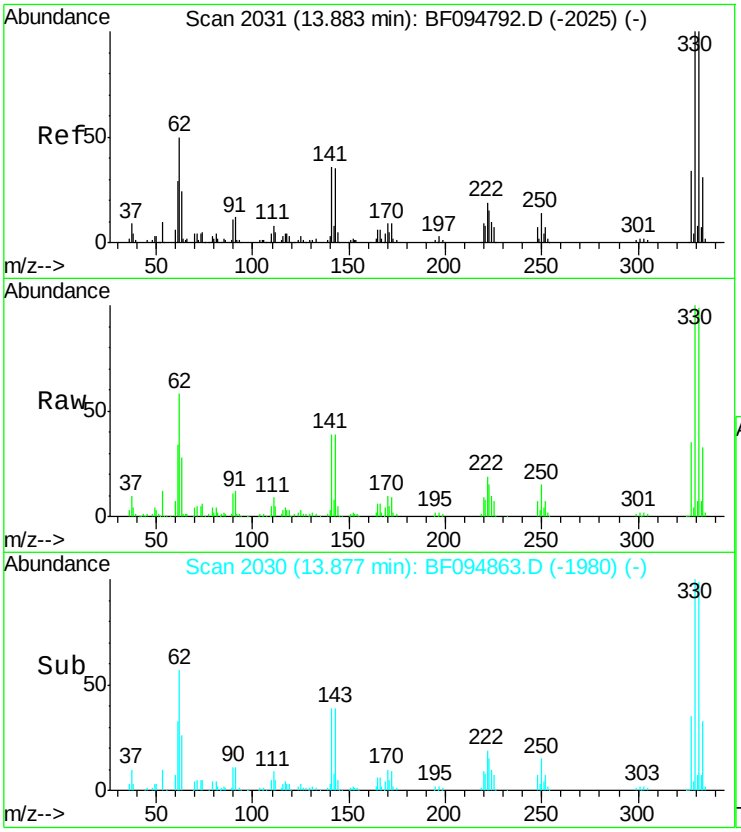


#40
Hexachlorocyclopentadiene
Concen: 29.87 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:237 Resp: 54174

Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.6	82.6
272	12.3	0.0	31.9





#41
2,4,6-Tribromophenol
Concen: 142.52 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:330 Resp: 189794

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.3	31.4	47.2

Instrument :
BNA_F
ClientSampleId :
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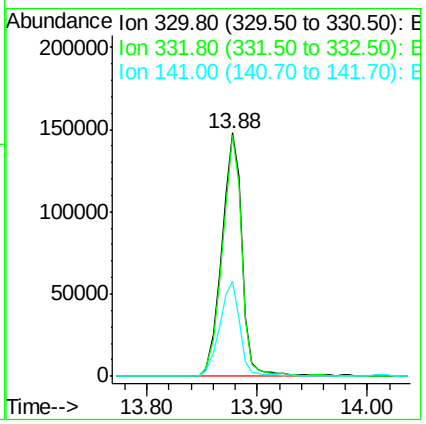
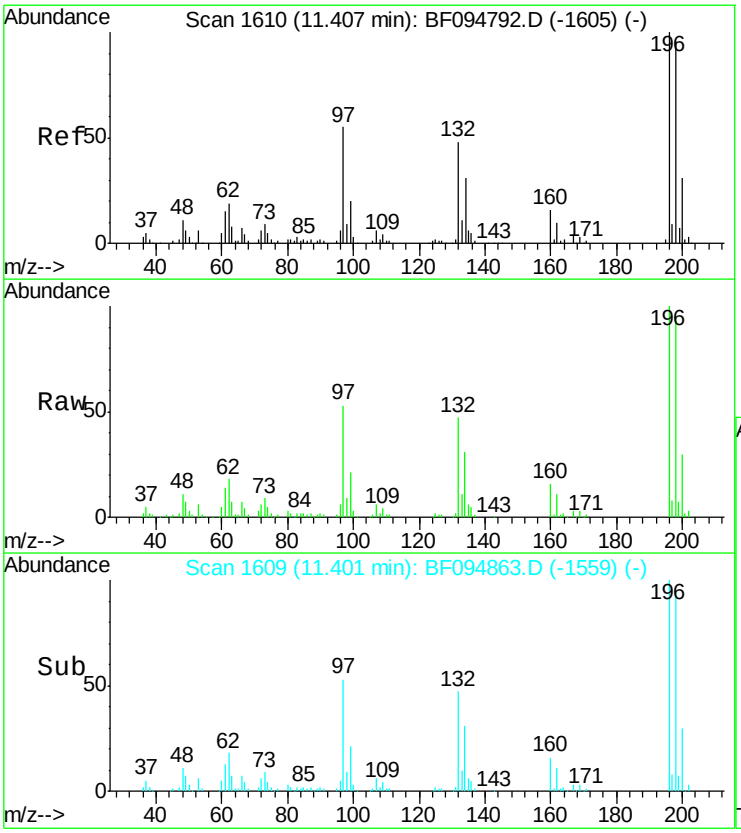
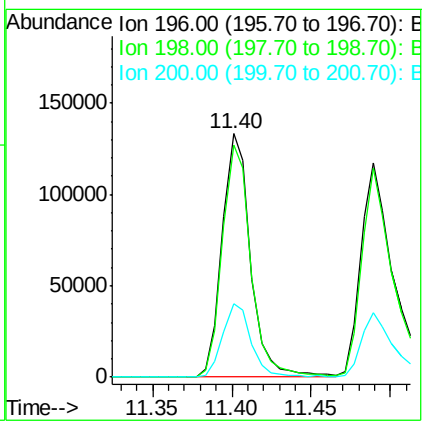


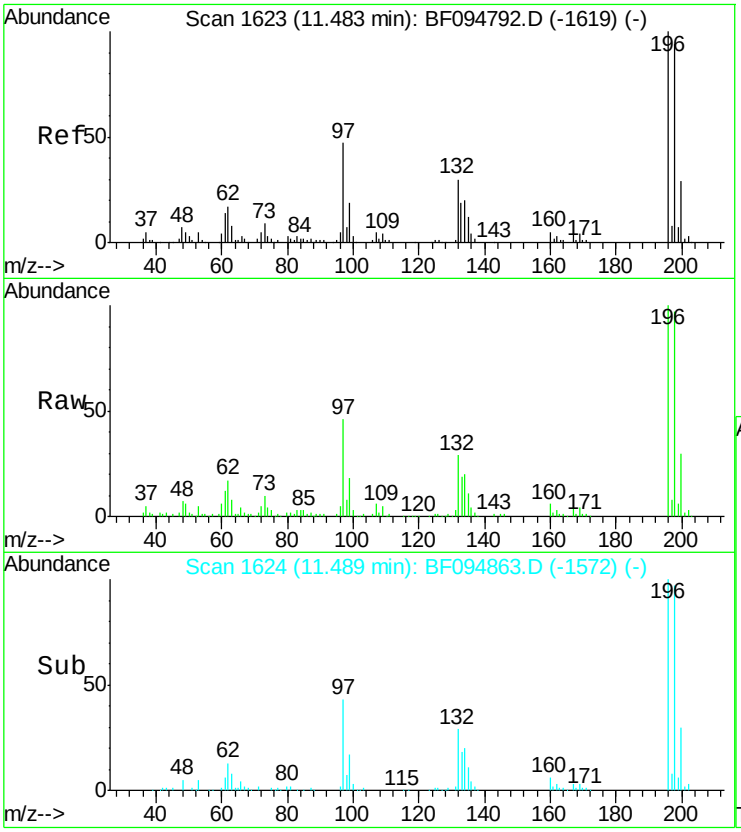


#42
2,4,6-Trichlorophenol
Concen: 49.82 ng
RT: 11.40 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:196 Resp: 166338

Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.4
200	30.1	24.0	36.0

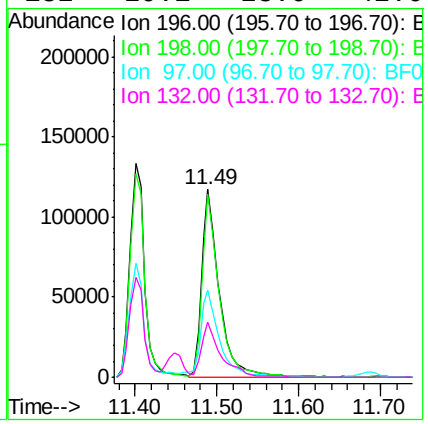




#43
2,4,5-Trichlorophenol
Concen: 49.39 ng
RT: 11.49 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:196 Resp: 177254

Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
97	46.2	47.7	71.5#
132	29.1	28.0	42.0



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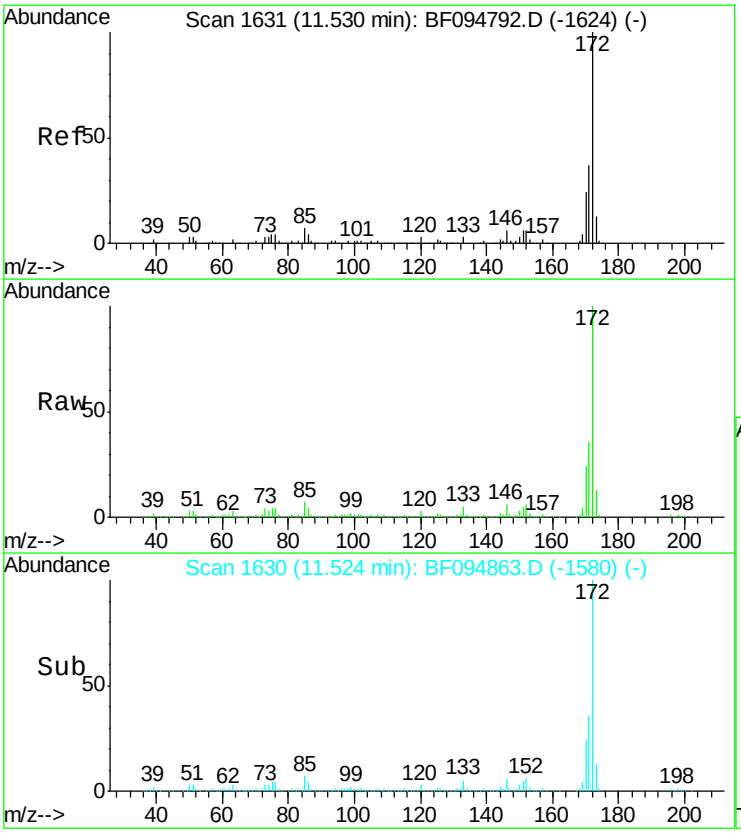
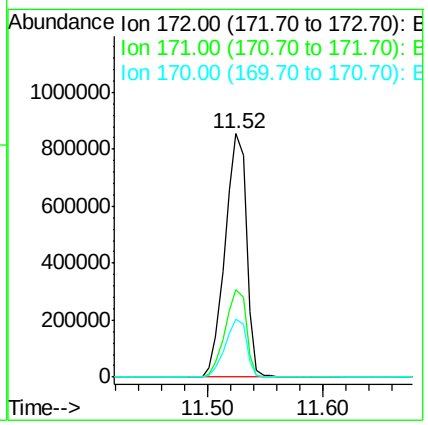
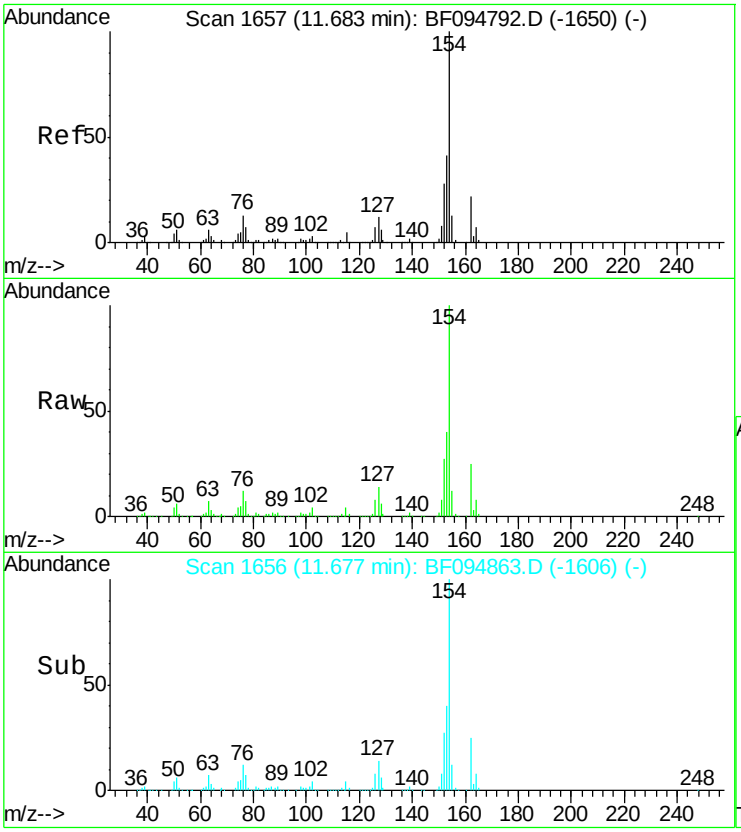


#44
2-Fluorobiphenyl
Concen: 97.18 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:172 Resp: 1097917

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	19.8	29.8

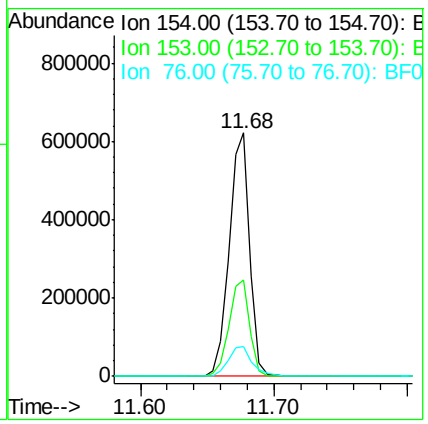




#45
1,1'-Biphenyl
Concen: 48.93 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:154 Resp: 669956

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.2	61.2
76	12.5	0.0	29.9



Instrument :
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ClientSampleId :
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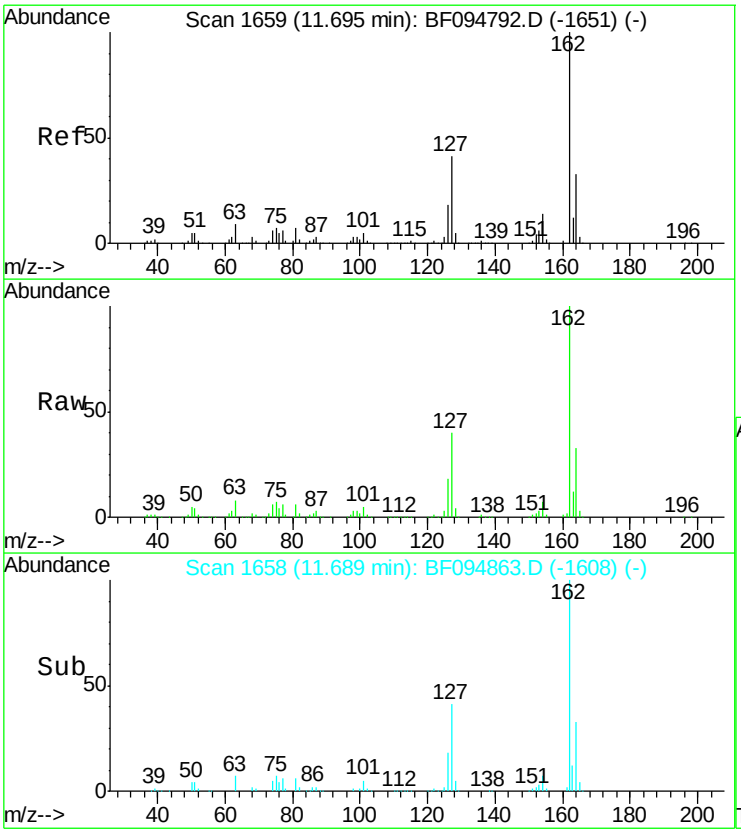
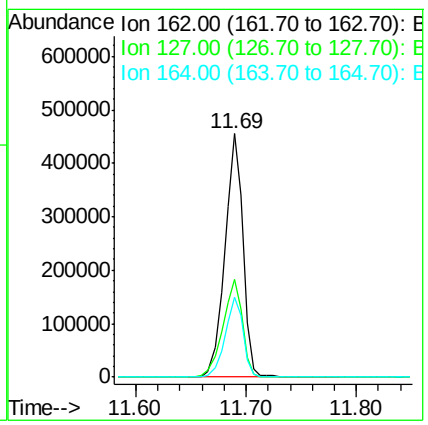
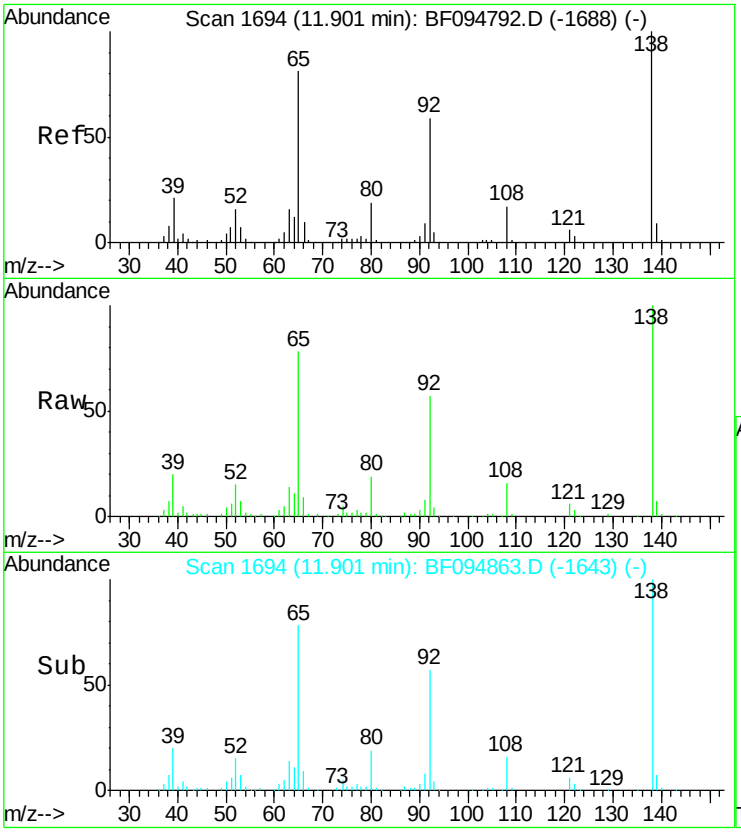


#46
2-Chloronaphthalene
Concen: 47.08 ng
RT: 11.69 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:162 Resp: 520490

Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	32.7	27.0	40.4

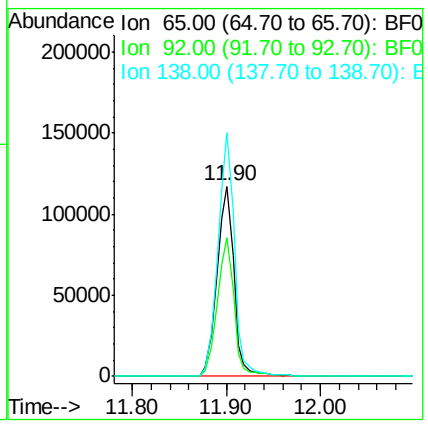




#47
2-Nitroaniline
Concen: 49.47 ng
RT: 11.90 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 65 Resp: 149670

Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	128.1	78.8	118.2#



Instrument :
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ClientSampleId :
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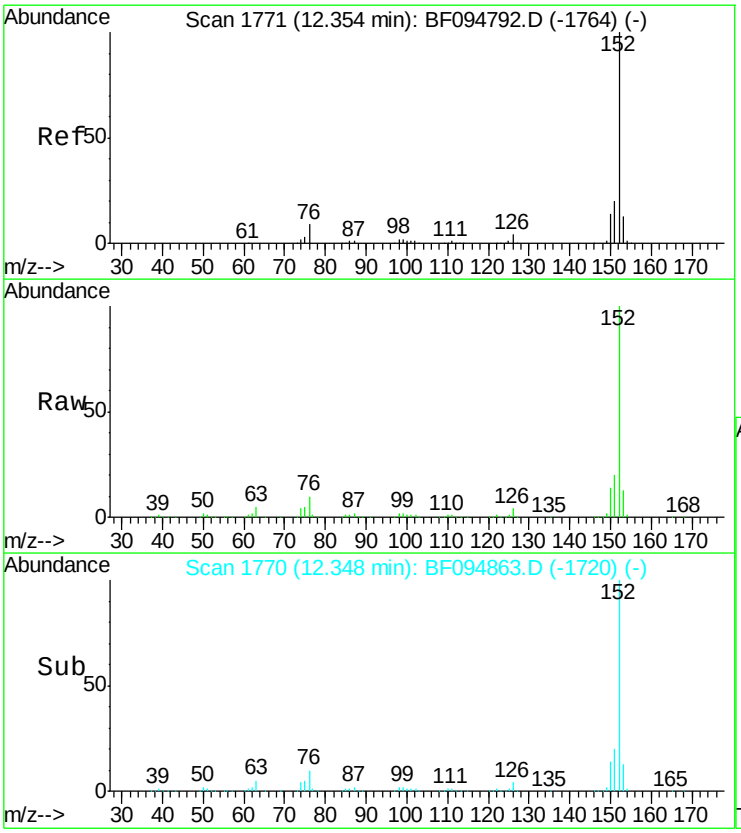
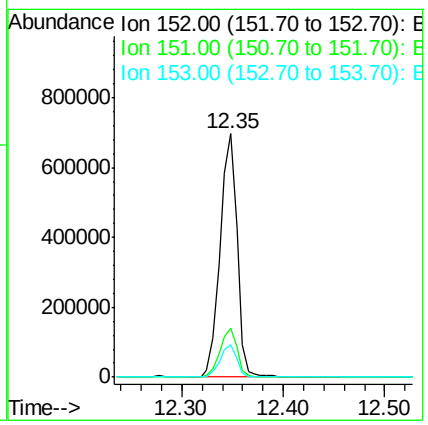
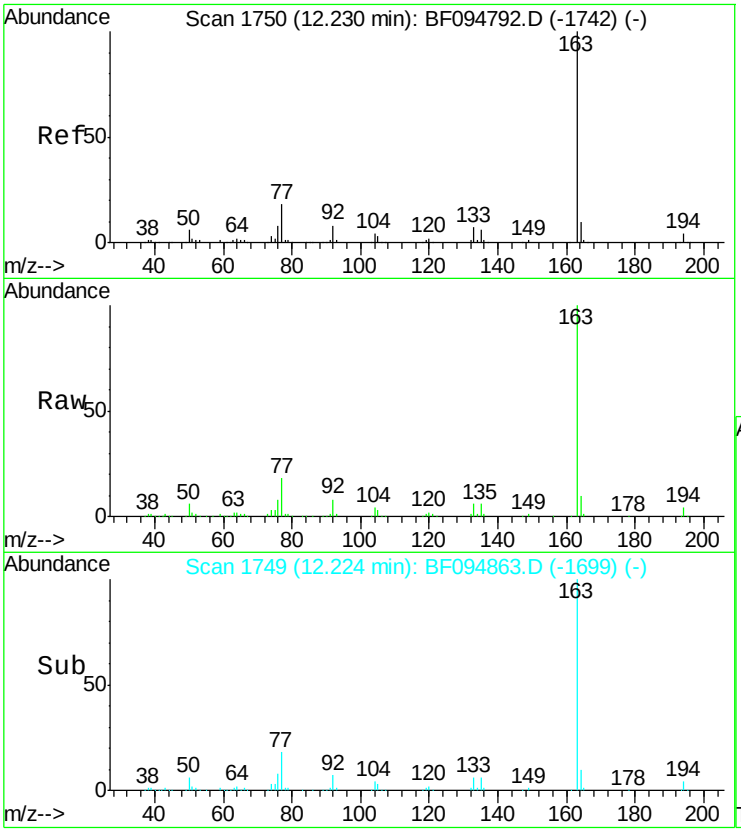


#48
Acenaphthylene
Concen: 46.94 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:152 Resp: 812781

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2

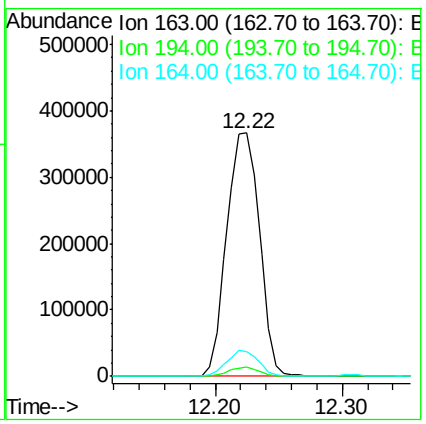




#49
Dimethylphthalate
Concen: 49.25 ng
RT: 12.22 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:163 Resp: 657456

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6



Instrument :
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ClientSampleId :
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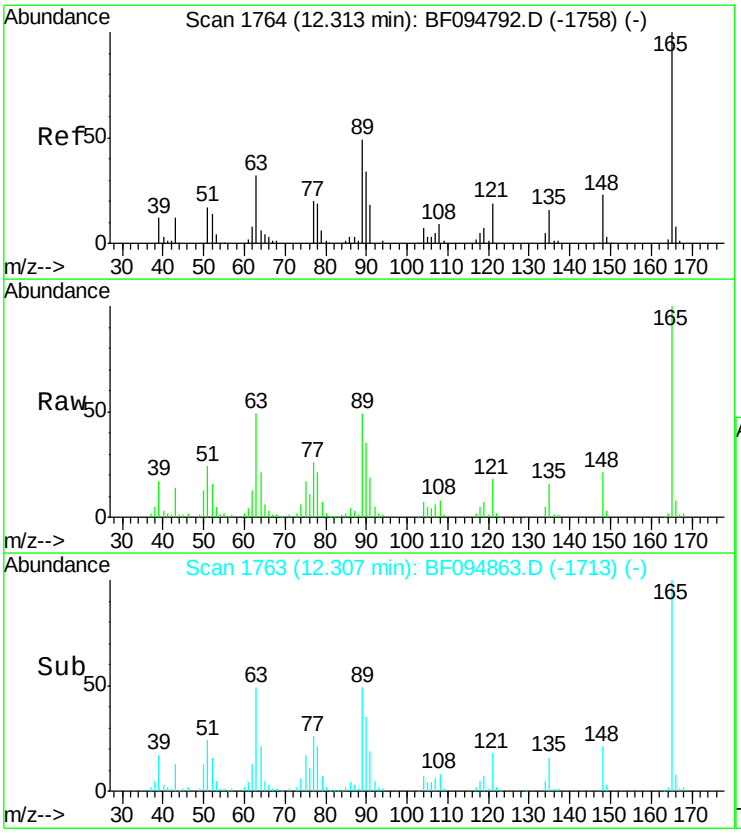
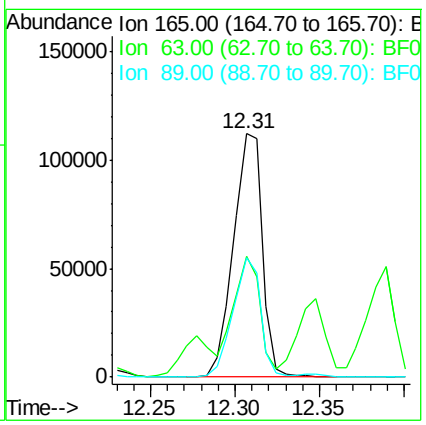
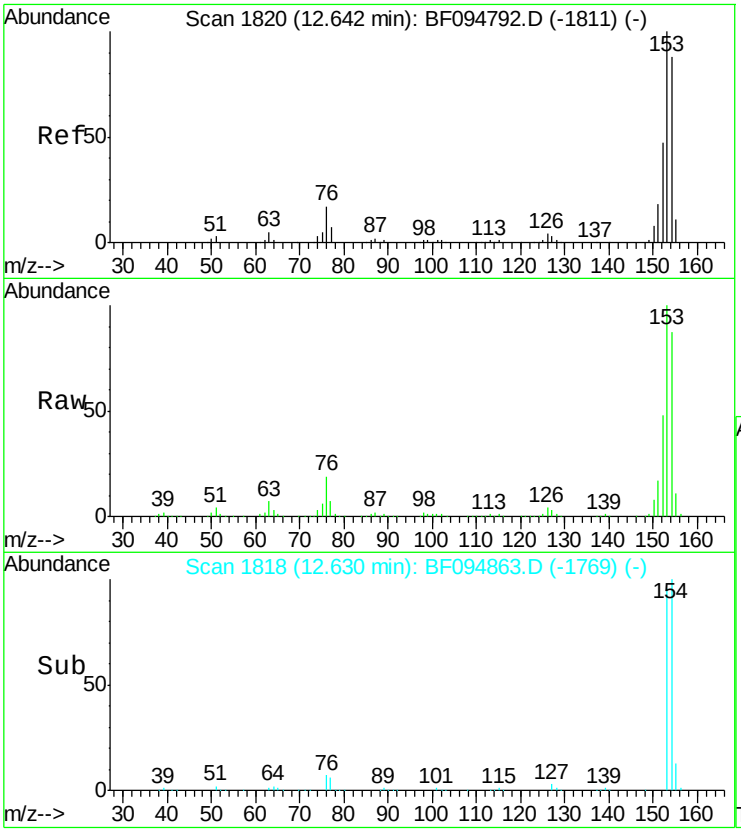


#50
2,6-Dinitrotoluene
Concen: 49.10 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:165 Resp: 133707

Ion	Ratio	Lower	Upper
165	100		
63	49.3	34.3	51.5
89	49.3	37.1	55.7

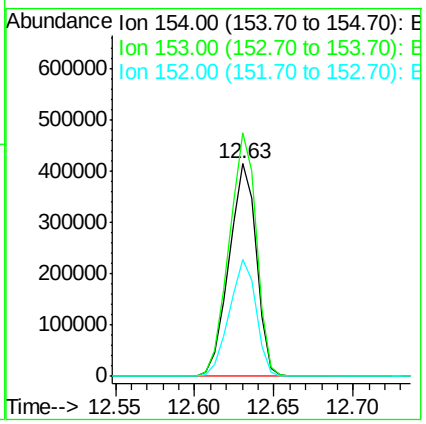




#51
Acenaphthene
Concen: 47.88 ng
RT: 12.63 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:154 Resp: 495185

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	54.7	43.6	65.4



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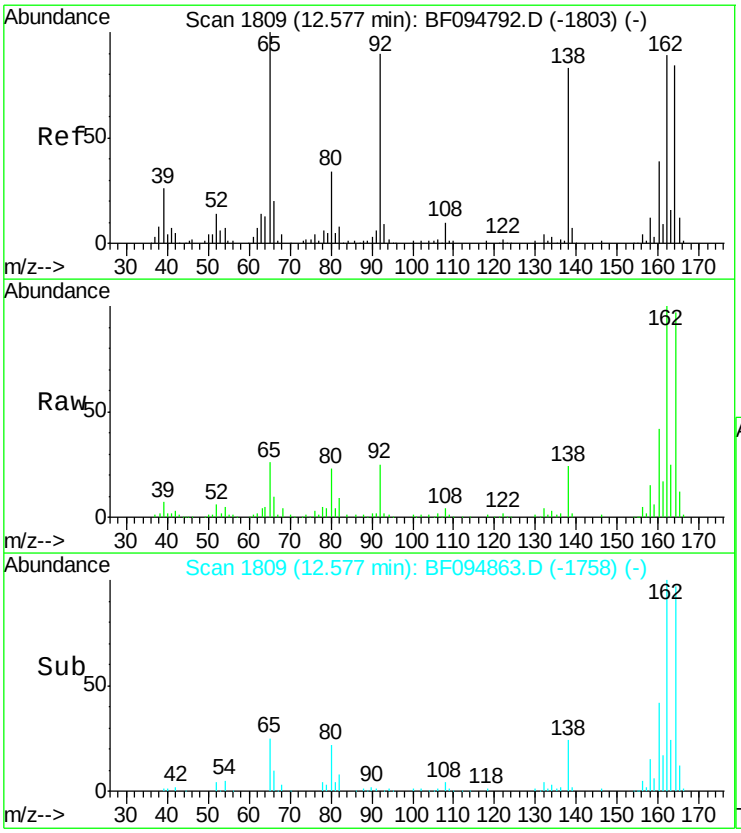
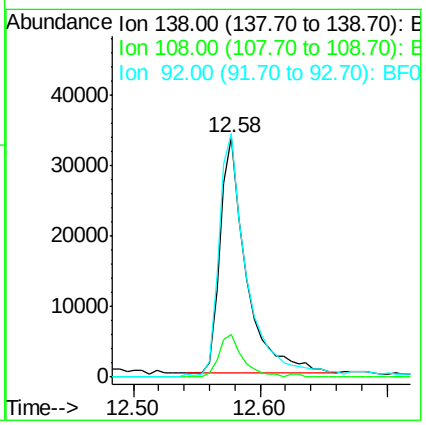
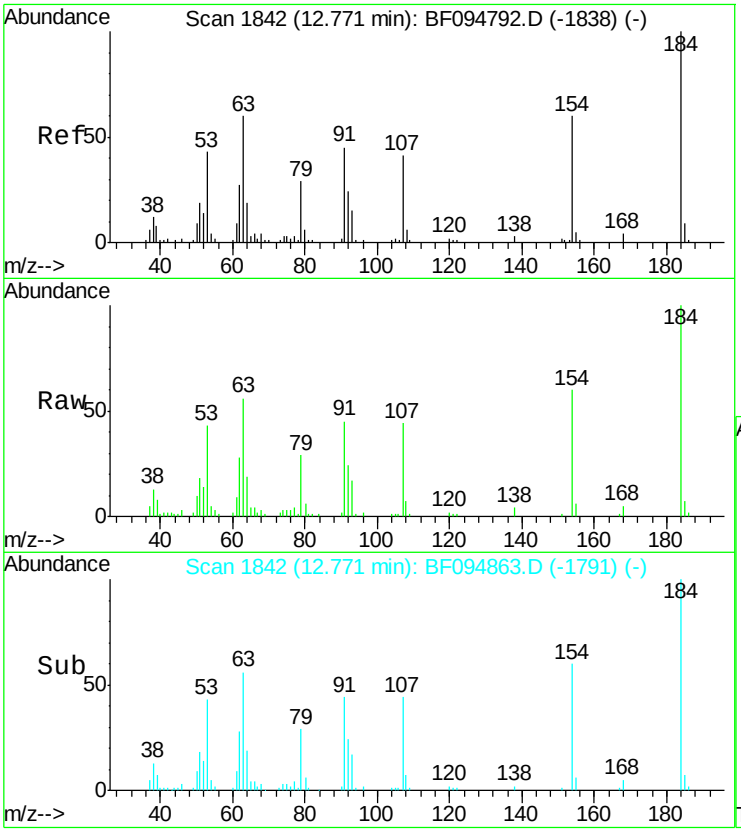


#52
3-Nitroaniline
Concen: 16.36 ng
RT: 12.58 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:138 Resp: 47836

Ion	Ratio	Lower	Upper
138	100		
108	17.5	9.1	13.7#
92	101.7	93.8	140.6





#53
2,4-Dinitrophenol
Concen: 50.54 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:184 Resp: 72063

Ion	Ratio	Lower	Upper
184	100		
63	56.2	62.7	94.1#
154	59.6	81.1	121.7#

Instrument :
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ClientSampleId :
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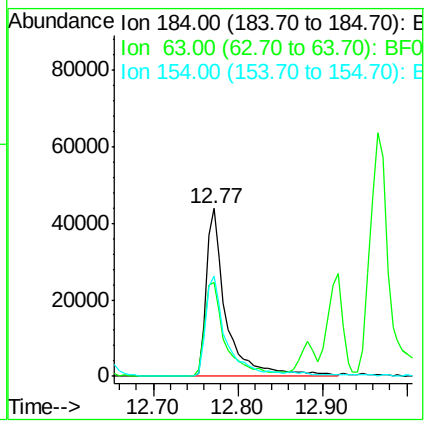
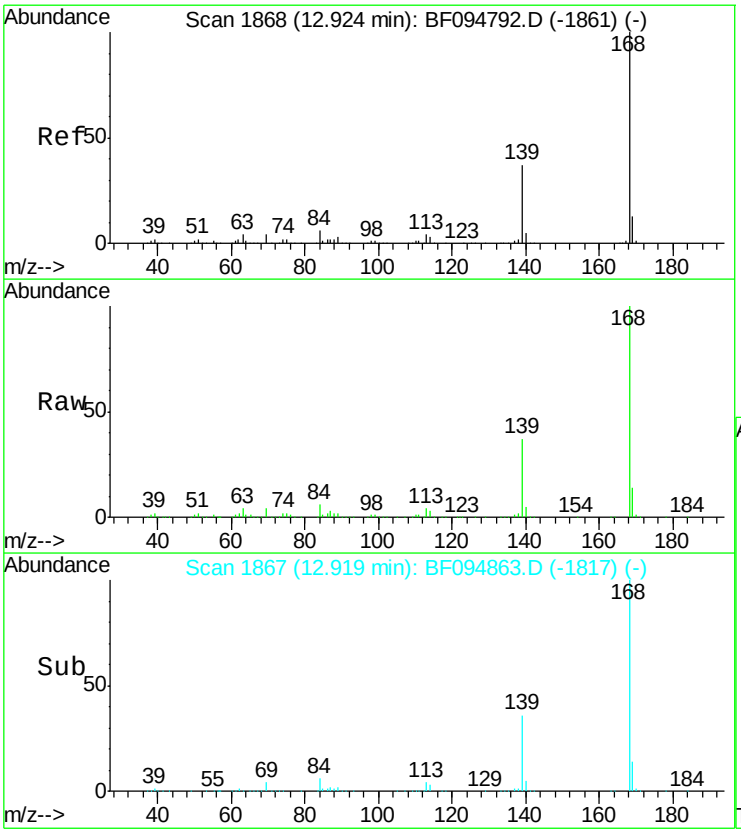
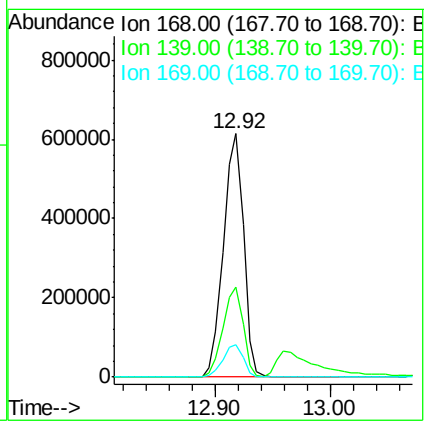


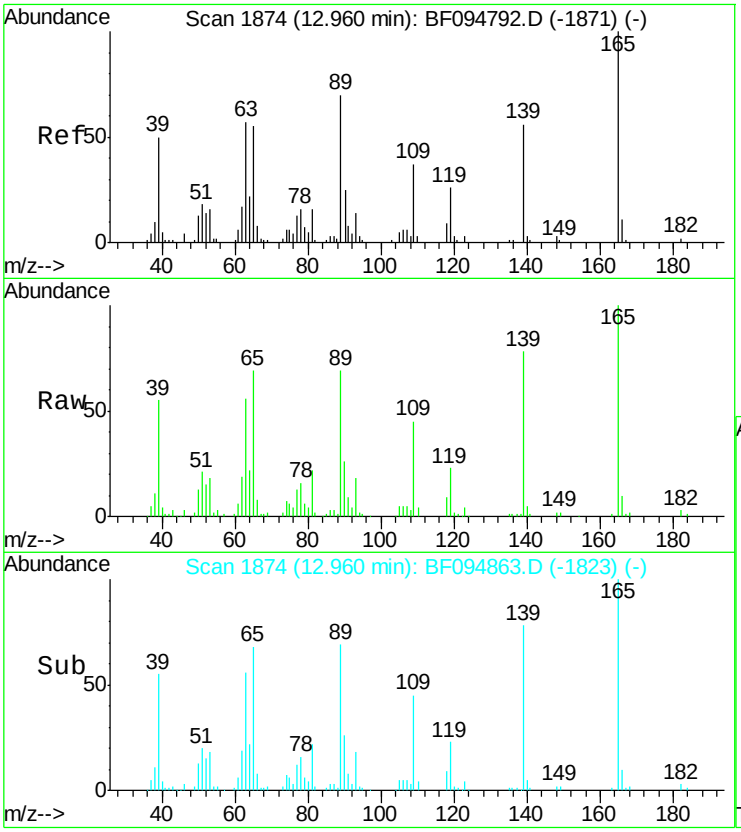


#54
Dibenzofuran
Concen: 52.06 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:168 Resp: 745038

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.6	45.8
169	13.5	10.8	16.2

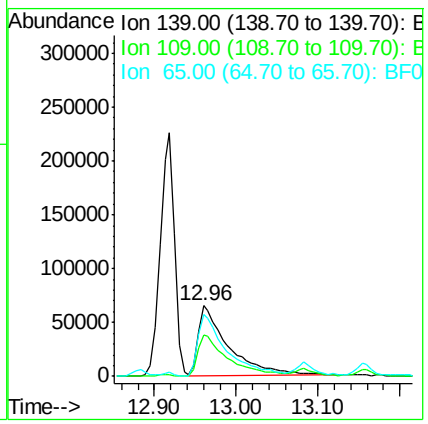




#55
4-Nitrophenol
Concen: 96.07 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:139 Resp: 168658

Ion	Ratio	Lower	Upper
139	100		
109	58.1	34.1	74.1
65	88.0	31.4	71.4#



Instrument :
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ClientSampleId :
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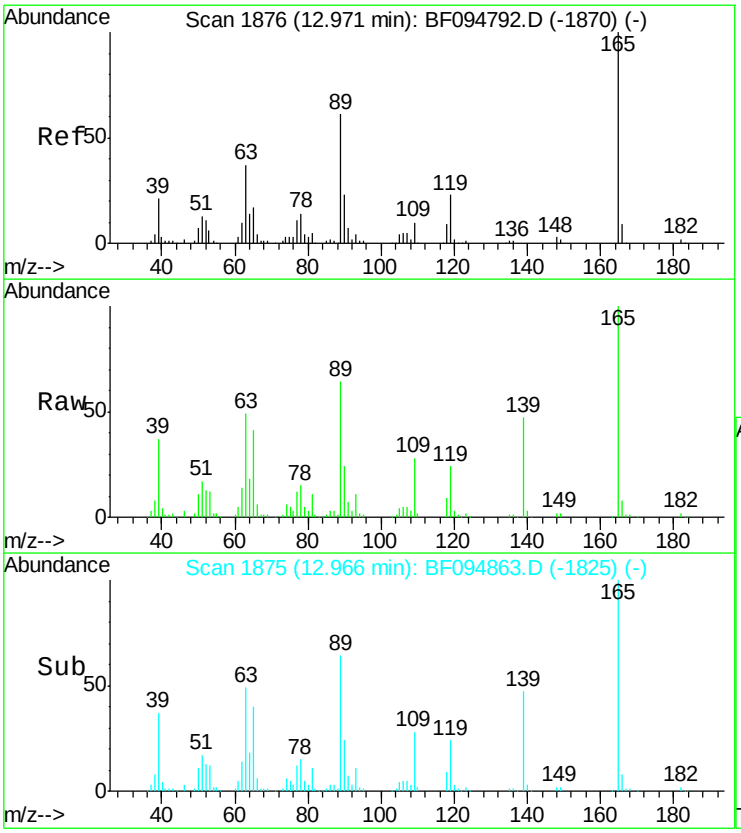
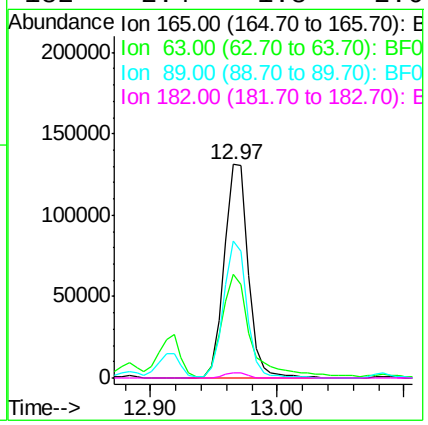
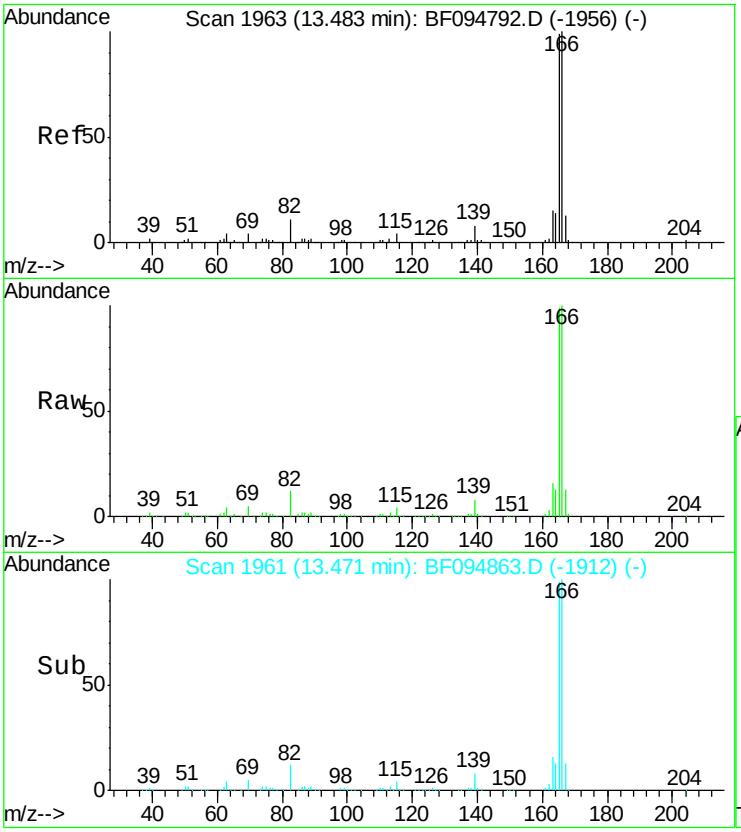


#56
2,4-Dinitrotoluene
Concen: 49.03 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:165 Resp: 171598

Ion	Ratio	Lower	Upper
165	100		
63	48.5	25.4	38.0#
89	64.0	46.4	69.6
182	2.4	1.8	2.6

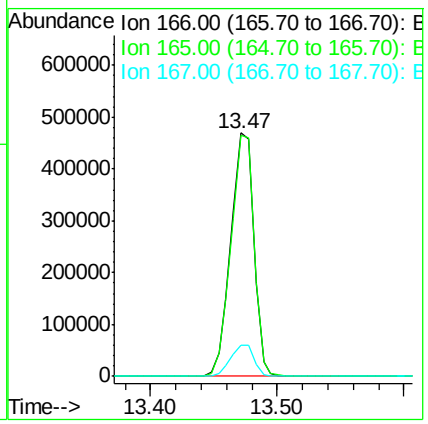




#57
Fluorene
Concen: 47.33 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:166 Resp: 588970

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	12.9	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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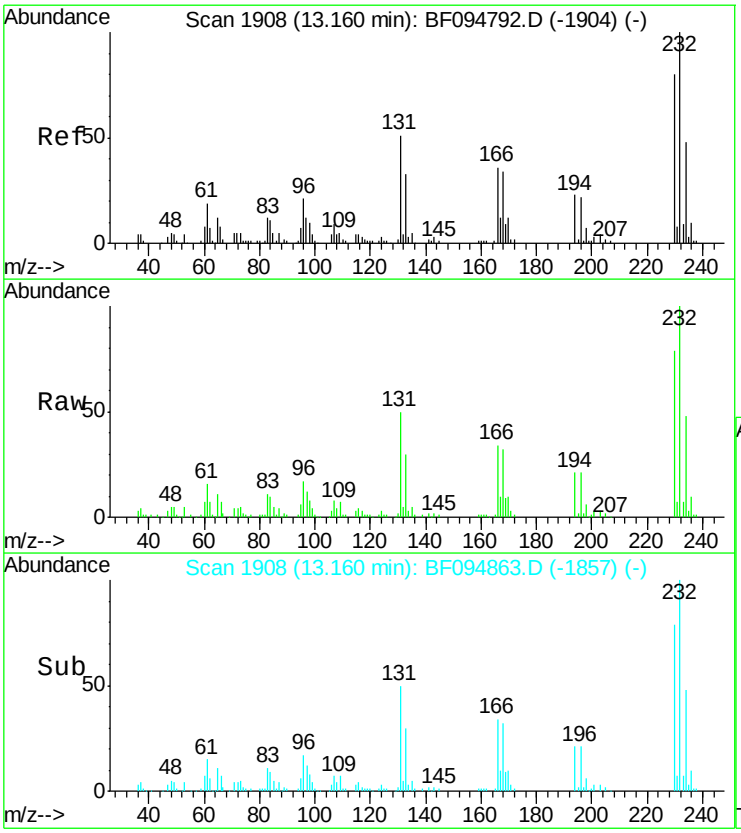
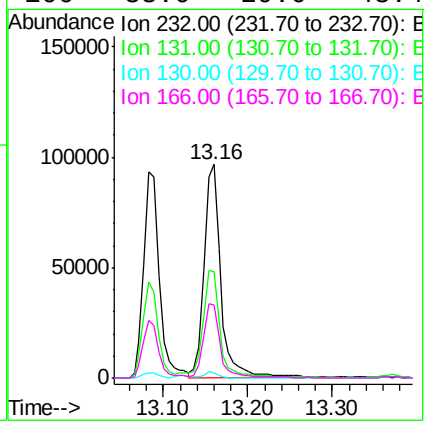
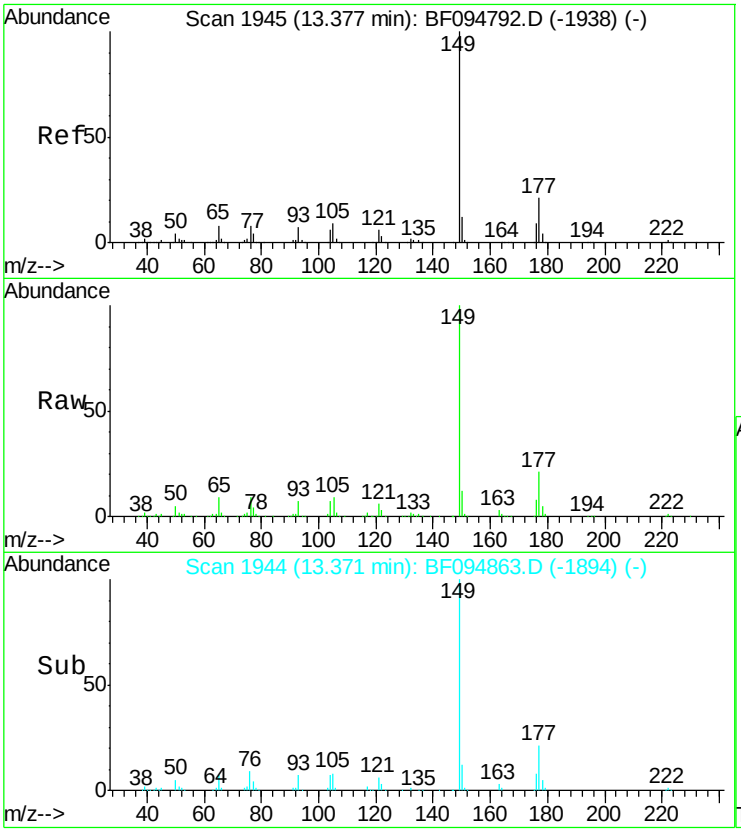


#58
2,3,4,6-Tetrachlorophenol
Concen: 58.80 ng
RT: 13.16 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:232 Resp: 132806

Ion	Ratio	Lower	Upper
232	100		
131	50.2	44.8	67.2
130	2.0	2.3	3.5#
166	33.0	29.0	43.4





#59
Diethylphthalate
Concen: 46.54 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 595469

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.1	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

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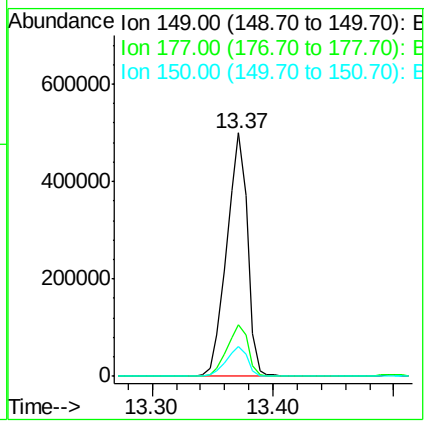
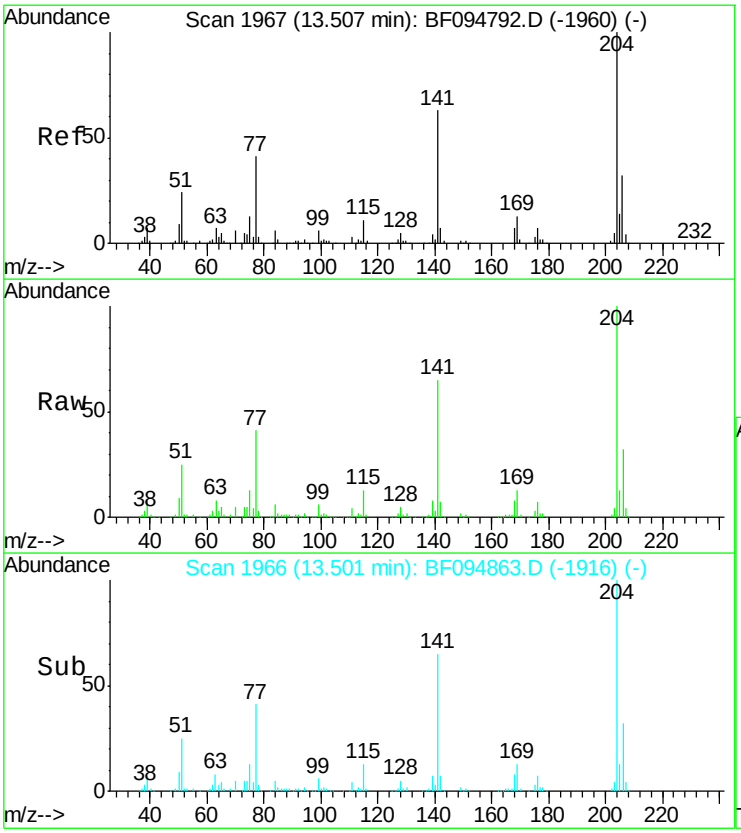
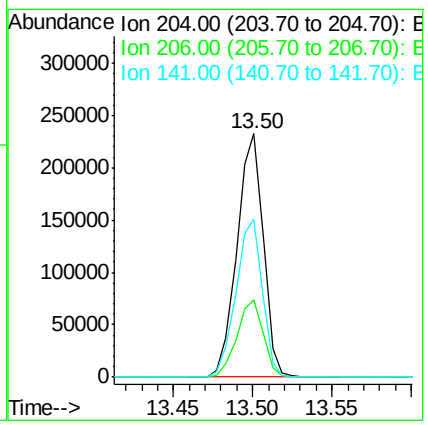


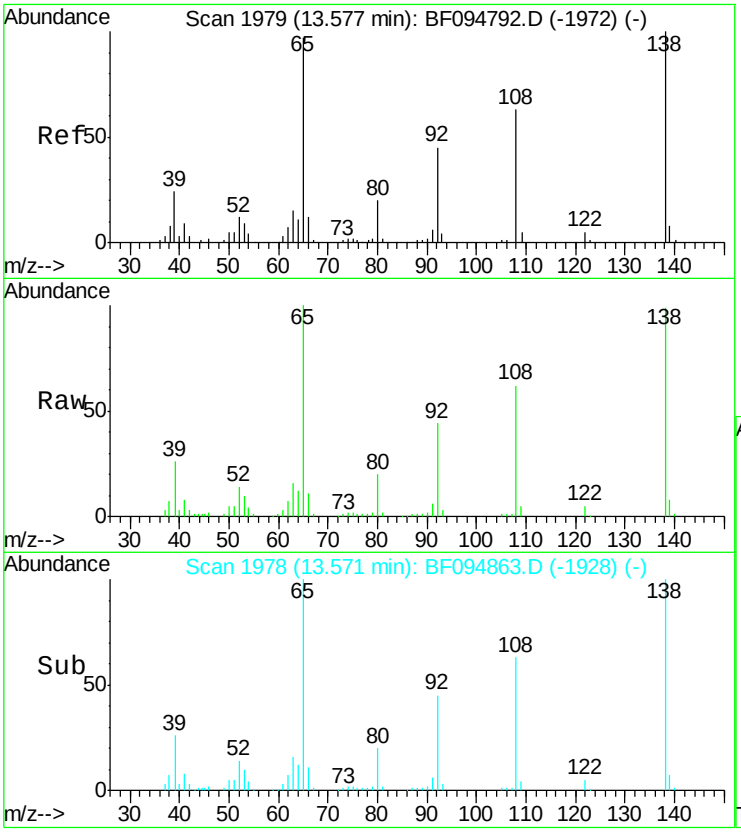


#60
4-Chlorophenyl-phenylether
Concen: 48.63 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:204 Resp: 265981

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	64.7	60.8	91.2

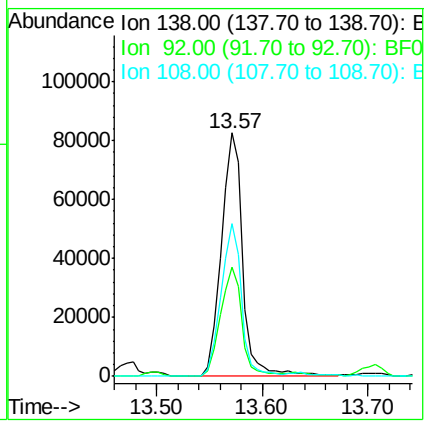




#61
4-Nitroaniline
Concen: 43.64 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:138 Resp: 117093

Ion	Ratio	Lower	Upper
138	100		
92	44.8	21.8	61.8
108	62.6	42.3	82.3



Instrument :
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ClientSampleId :
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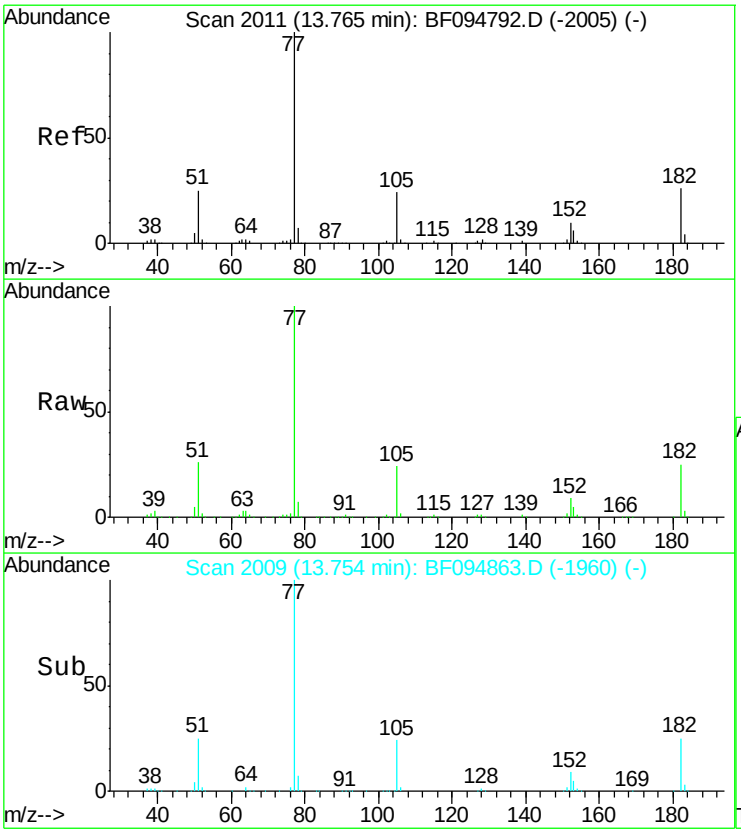
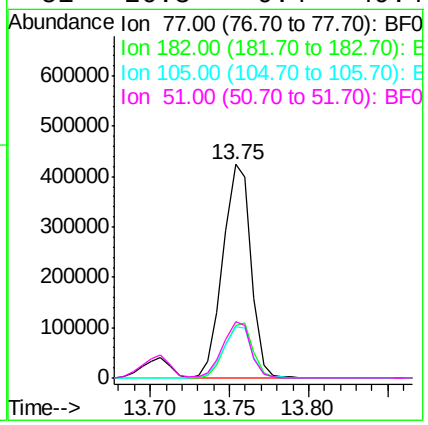
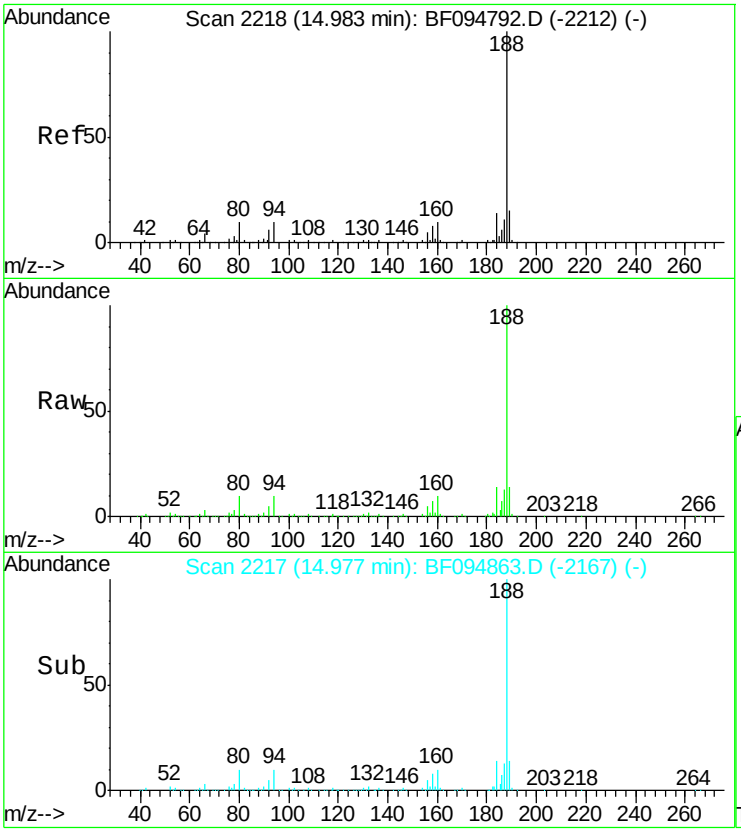


#62
Azobenzene
Concen: 50.41 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 77 Resp: 518280

Ion	Ratio	Lower	Upper
77	100		
182	24.8	0.1	40.1
105	24.1	3.6	43.6
51	26.3	9.4	49.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:188 Resp: 254502

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.2	10.2	15.2

Instrument :
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ClientSampleId :
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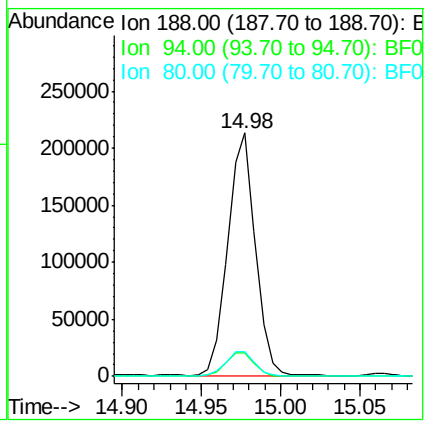
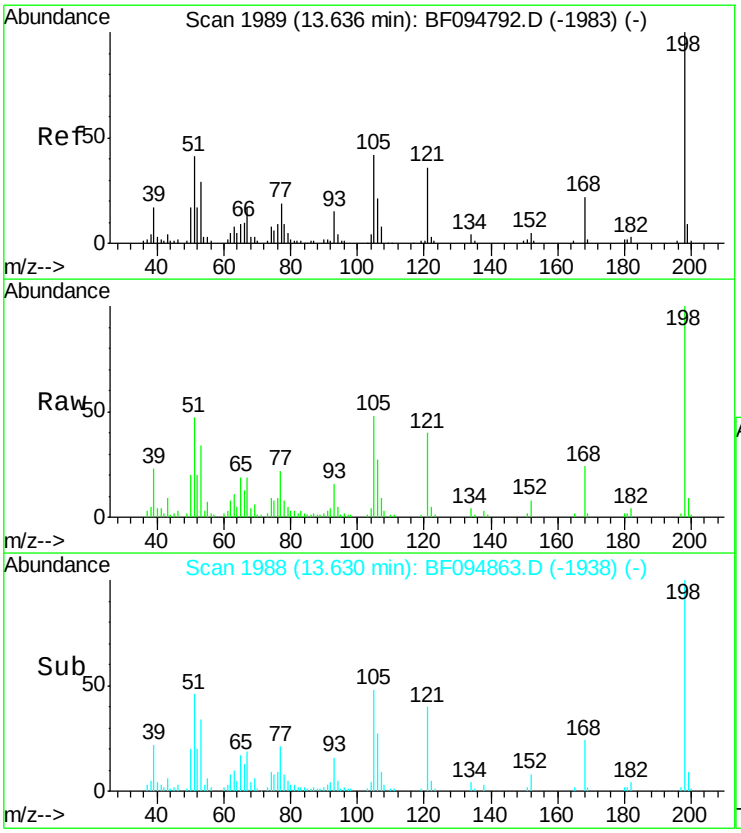
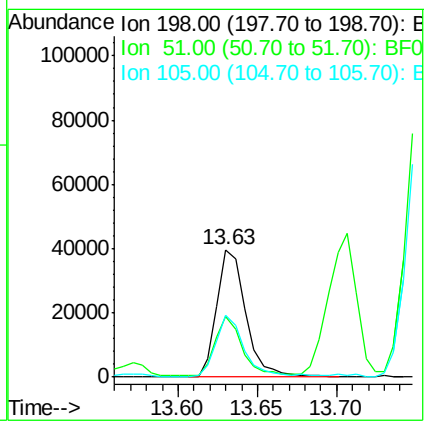


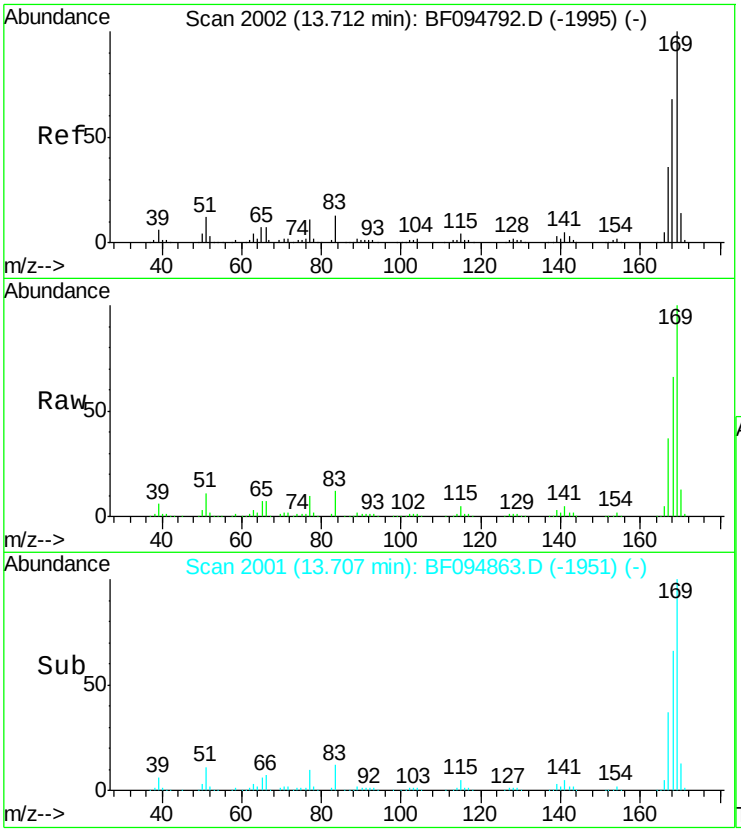


#64
4,6-Dinitro-2-methylphenol
Concen: 29.75 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:198 Resp: 50761

Ion	Ratio	Lower	Upper
198	100		
51	47.2	53.2	93.2#
105	48.0	45.8	85.8

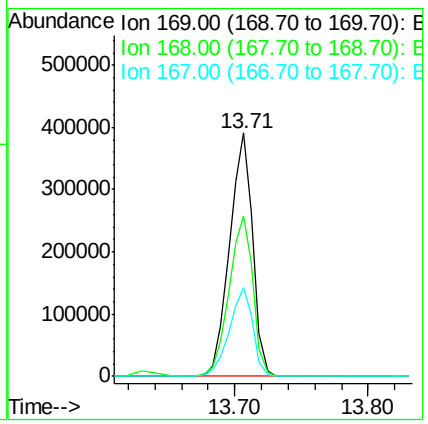




#65
n-Nitrosodiphenylamine
Concen: 51.44 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:169 Resp: 475177

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.5	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
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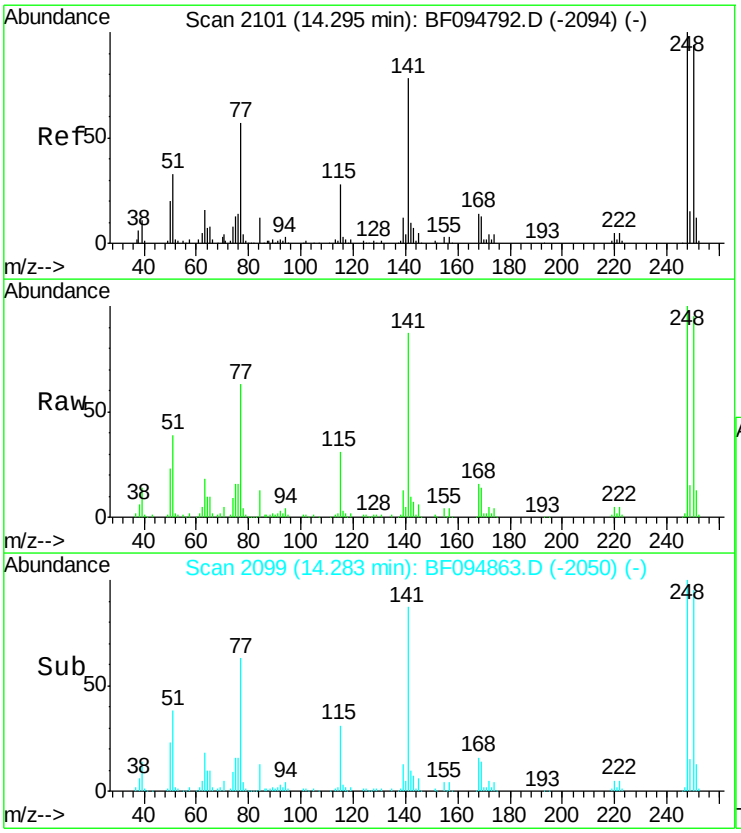
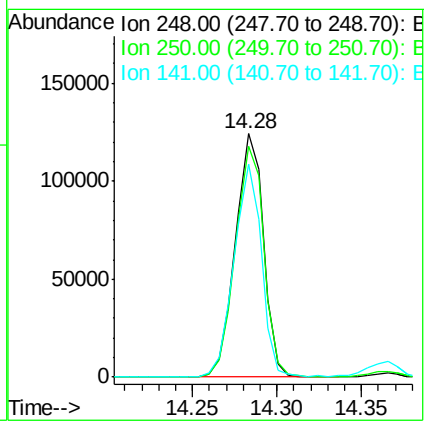
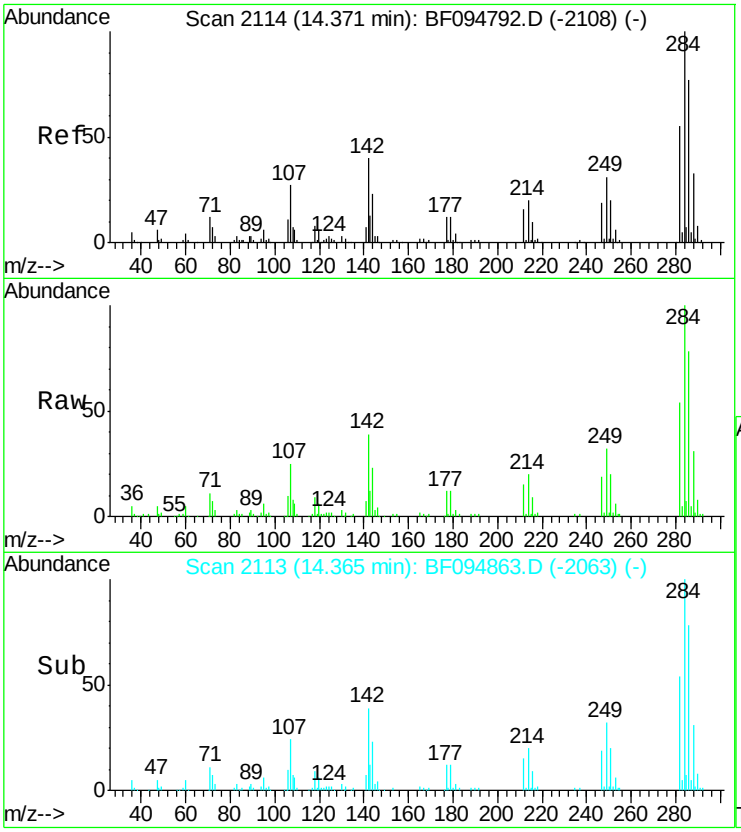


#66
4-Bromophenyl-phenylether
Concen: 53.64 ng
RT: 14.28 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:248 Resp: 144217

Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.8	115.2
141	87.2	68.6	103.0





#67
Hexachlorobenzene
Concen: 50.62 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:284 Resp: 139477

Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.8	34.2#
249	32.0	24.0	36.0

Instrument :
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ClientSampleId :
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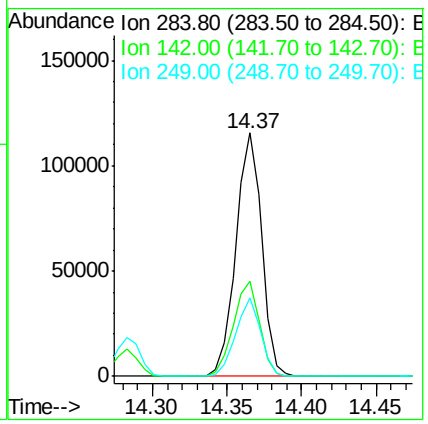
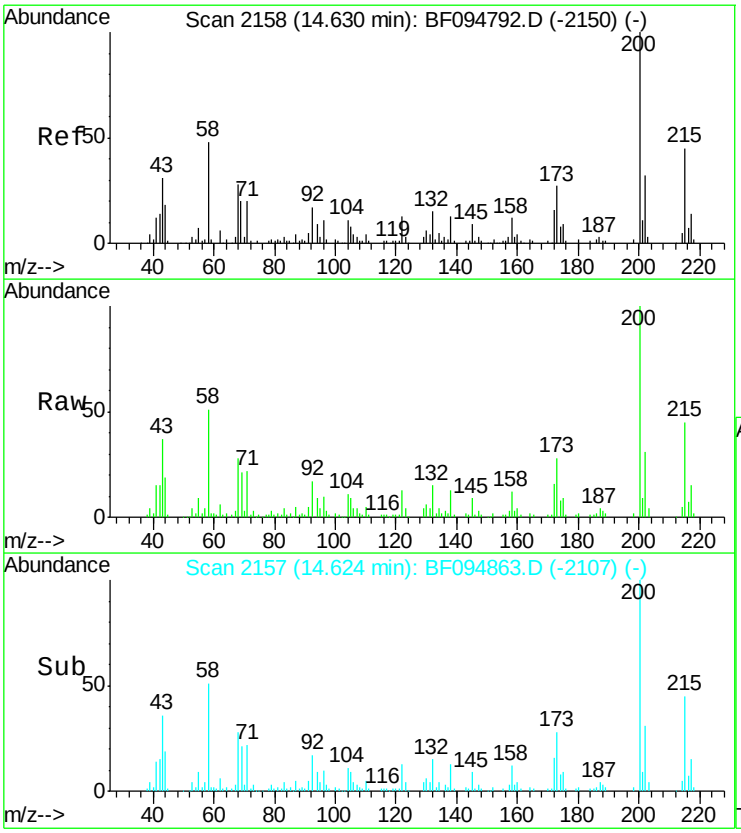
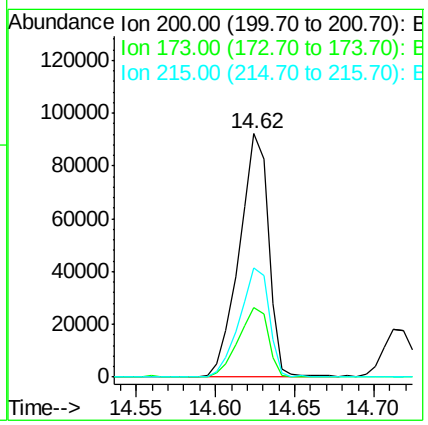


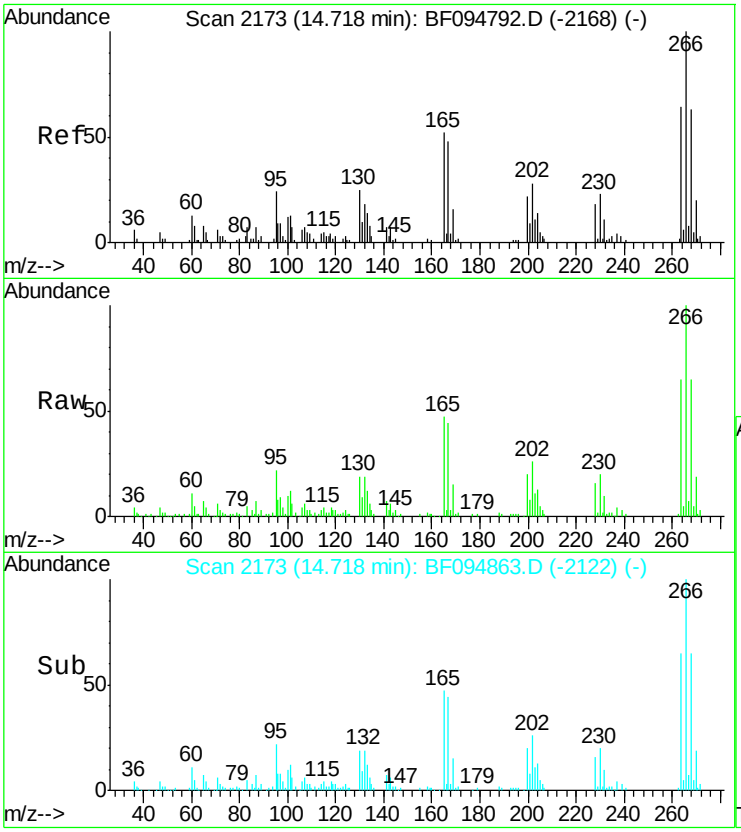


#68
Atrazine
Concen: 45.39 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:200 Resp: 118387

Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.3	46.3
215	44.8	27.2	67.2

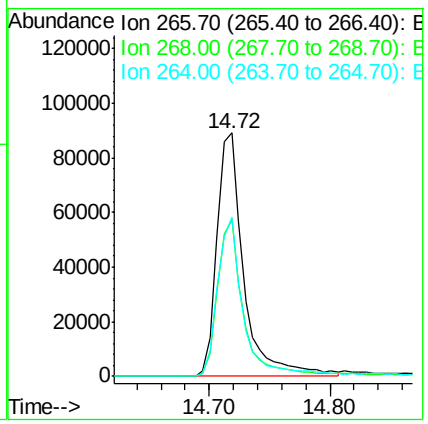




#69
Pentachlorophenol
Concen: 107.55 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:266 Resp: 136714

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.4	51.7	77.5



Instrument :
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ClientSampleId :
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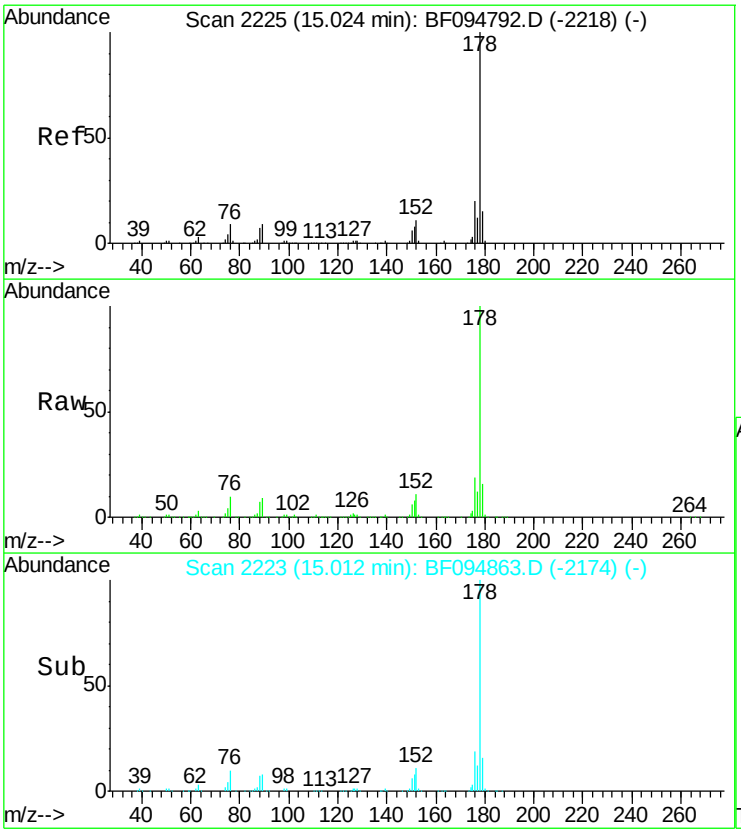
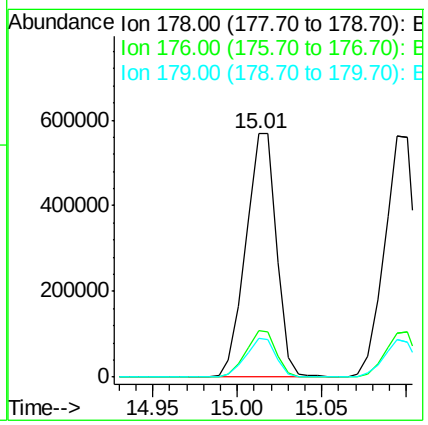
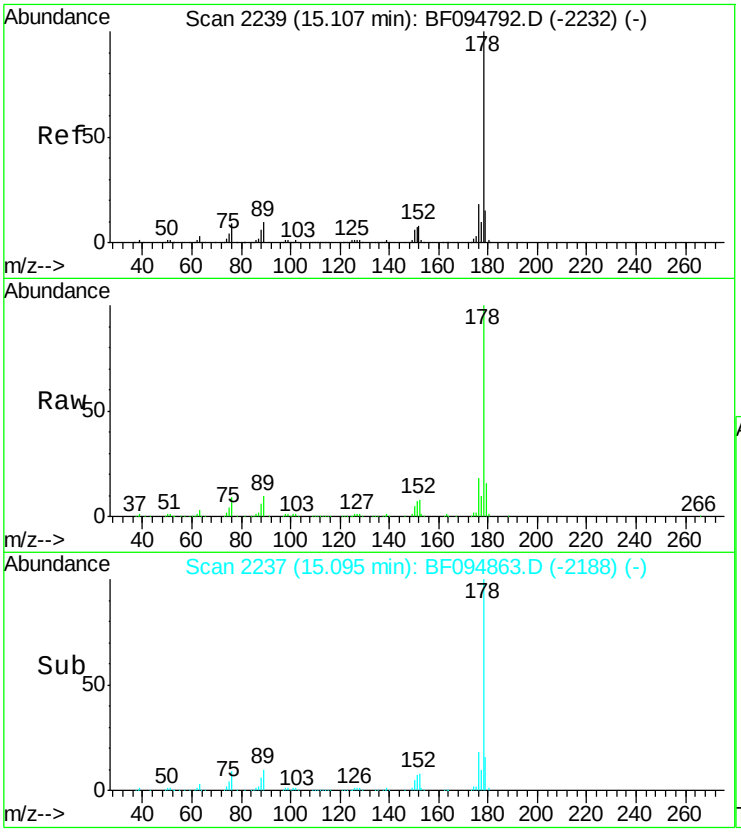


#70
Phenanthrene
Concen: 49.47 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:178 Resp: 723451

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.8	12.6	19.0

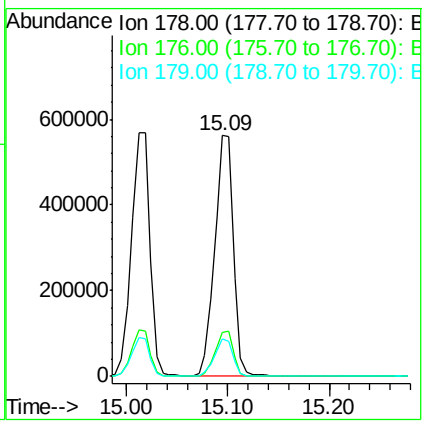




#71
Anthracene
Concen: 48.02 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:178 Resp: 717226

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.8	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
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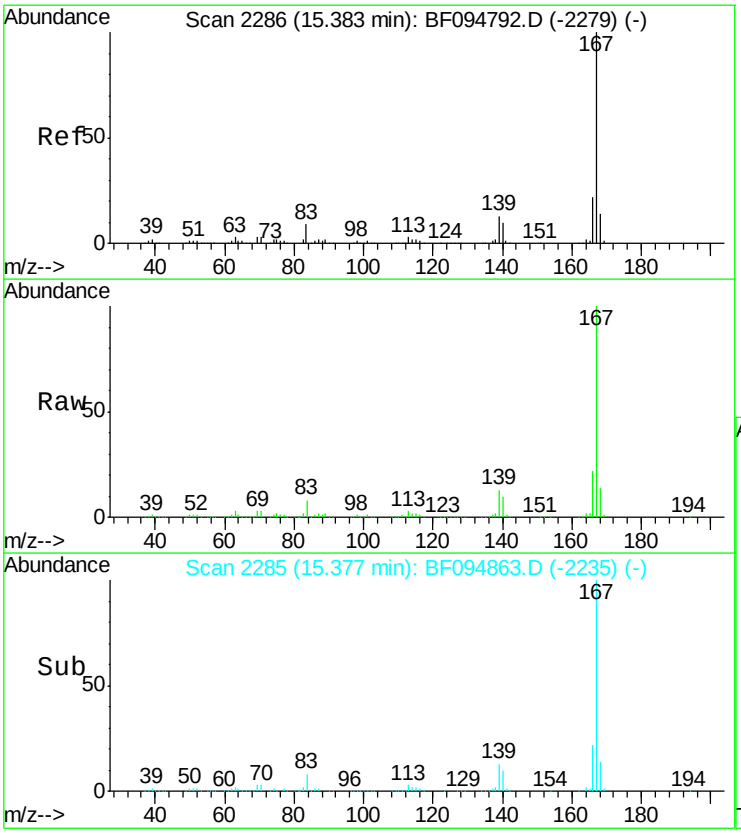
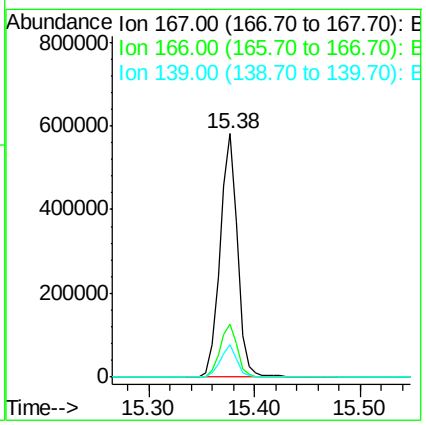
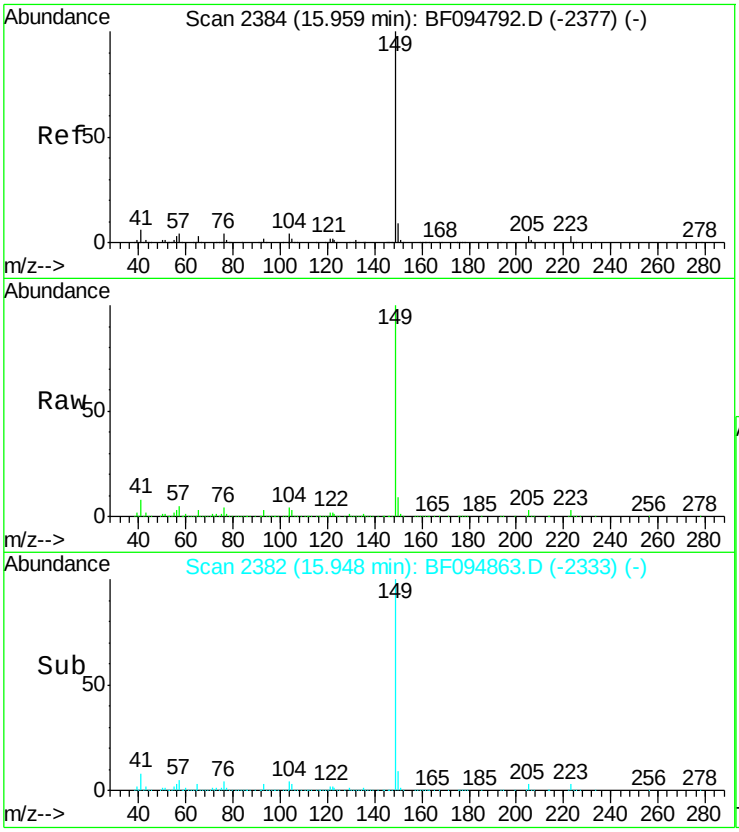


#72
Carbazole
Concen: 49.29 ng
RT: 15.38 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:167 Resp: 669943

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	13.2	11.7	17.5

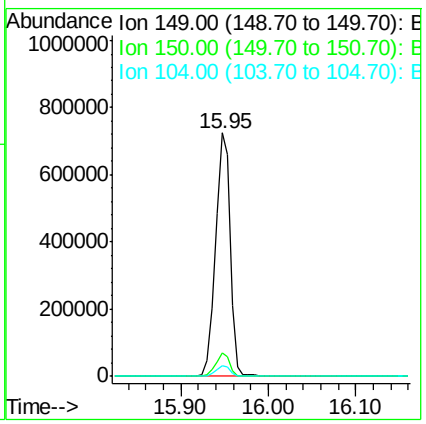




#73
Di-n-butylphthalate
Concen: 49.91 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 845912

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
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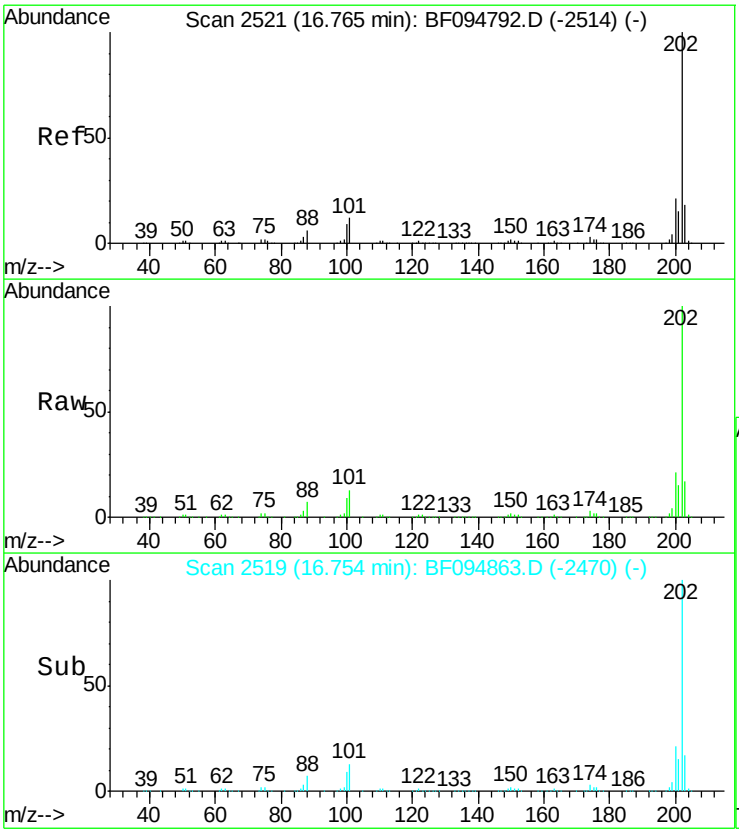
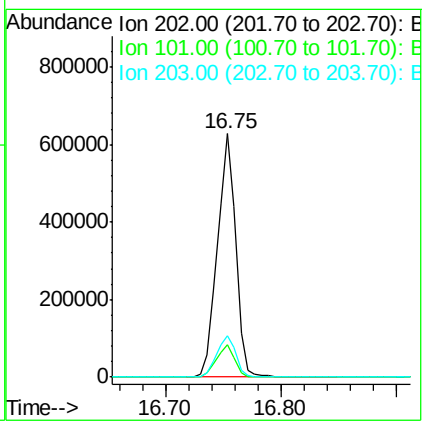
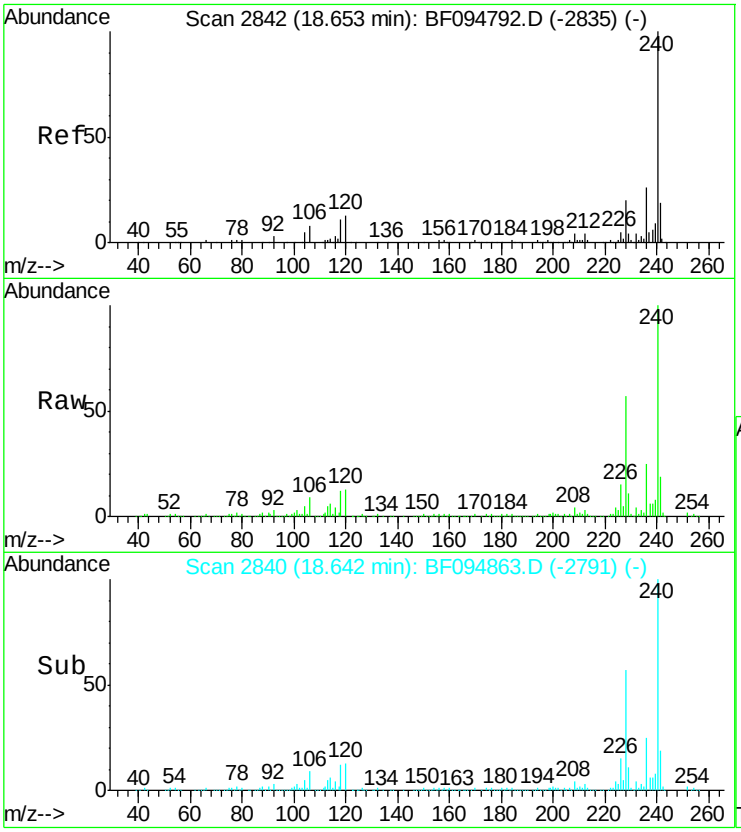


#74
Fluoranthene
Concen: 46.13 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:202 Resp: 691942

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.2	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:240 Resp: 193920

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.8	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
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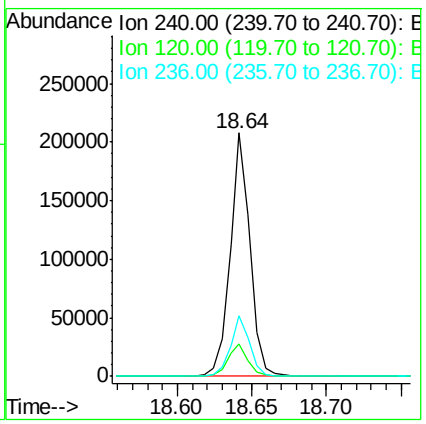
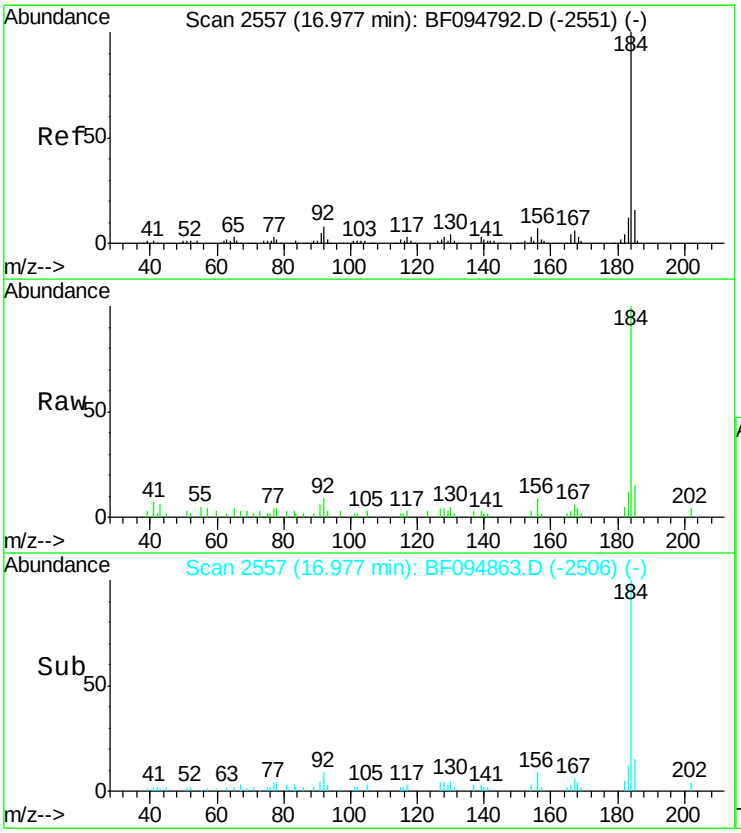
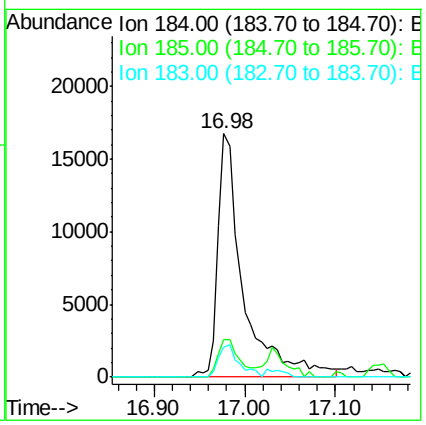


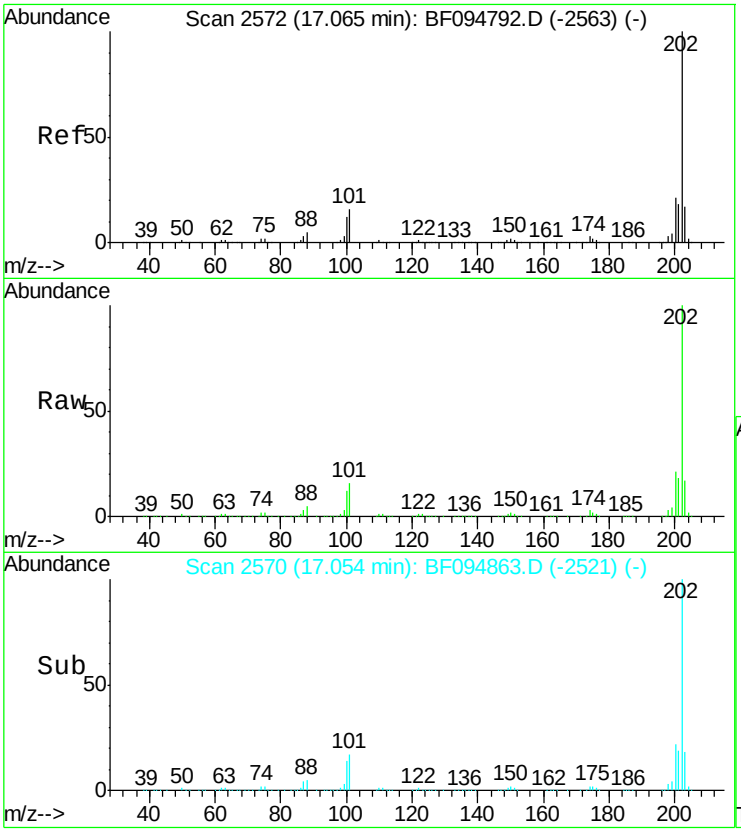


#76
Benzidine
Concen: 11.91 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:184 Resp: 32359

Ion	Ratio	Lower	Upper
184	100		
185	15.2	15.5	23.3#
183	12.2	9.8	14.6

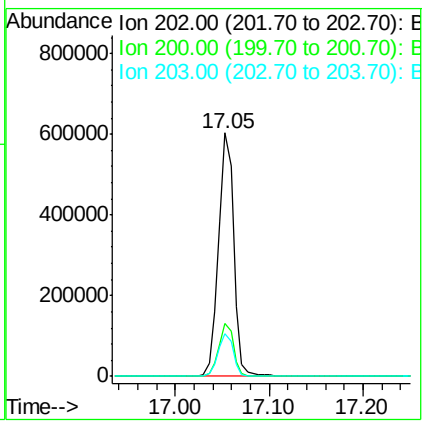




#77
Pyrene
Concen: 47.39 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:202 Resp: 687292

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.5	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
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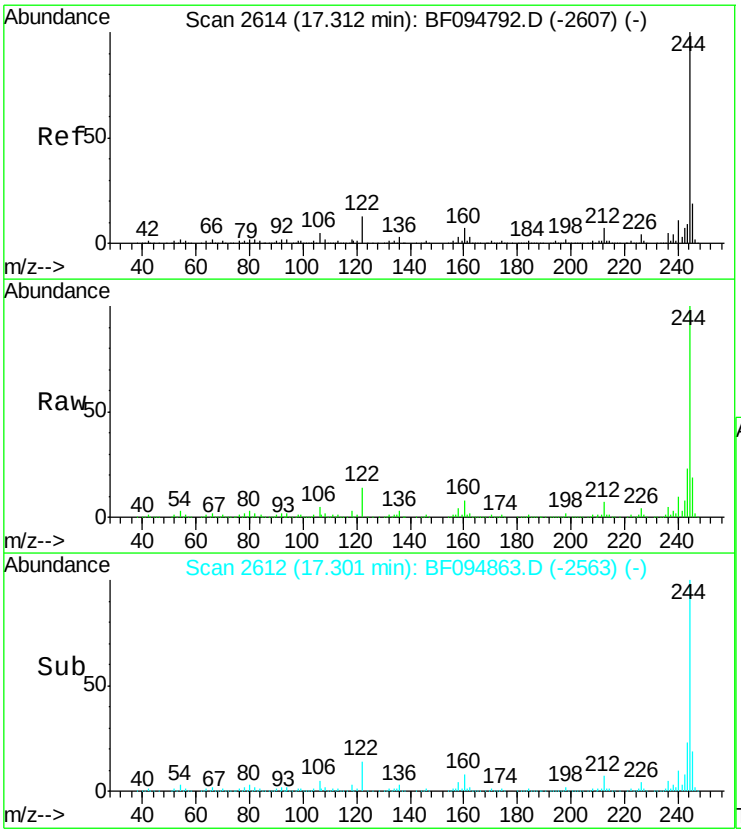
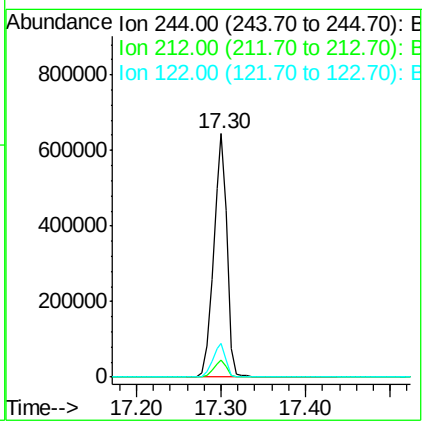
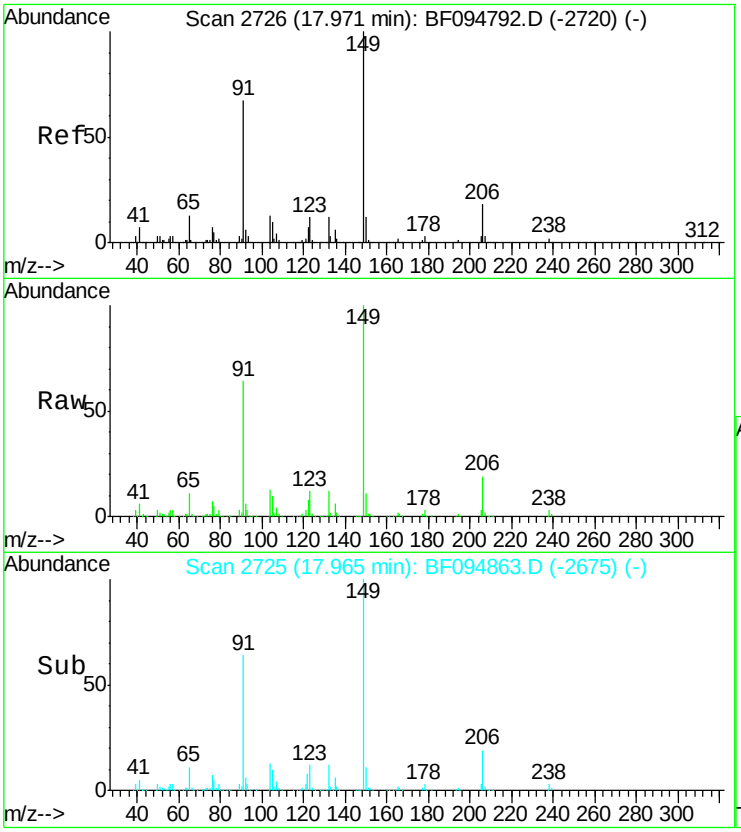


#78
Terphenyl-d14
Concen: 81.98 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:244 Resp: 721768

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5

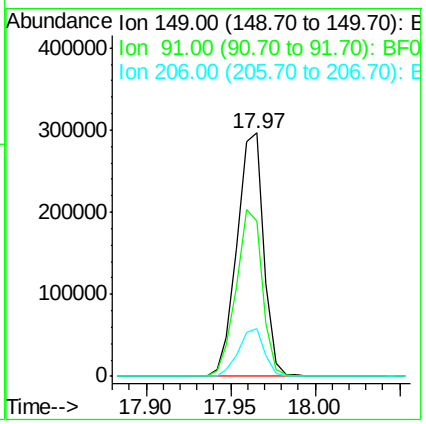




#79
Butylbenzylphthalate
Concen: 48.45 ng
RT: 17.97 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 326827

Ion	Ratio	Lower	Upper
149	100		
91	63.6	45.0	67.4
206	19.4	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
OWS-1MS

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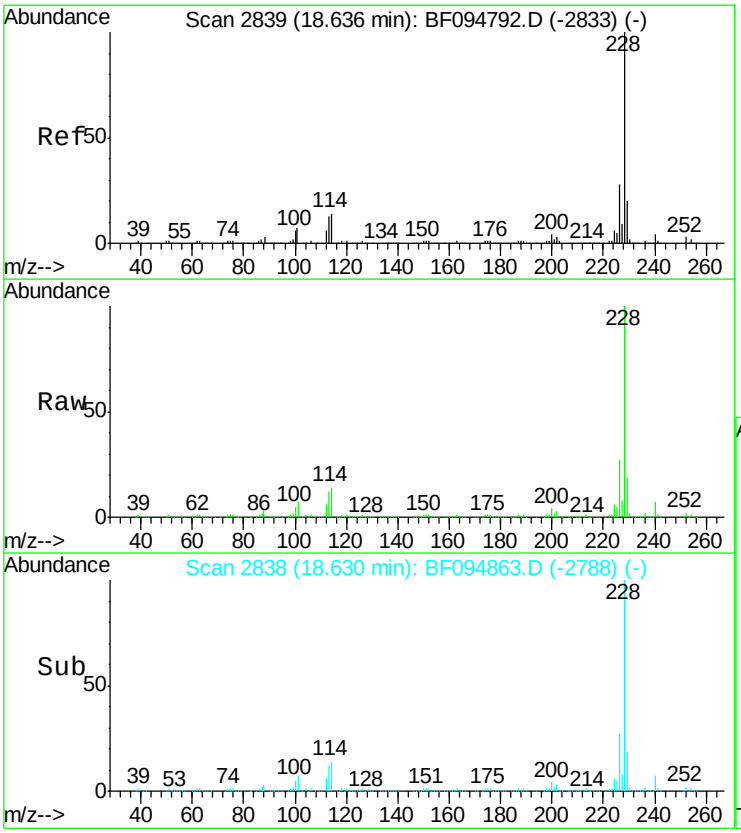
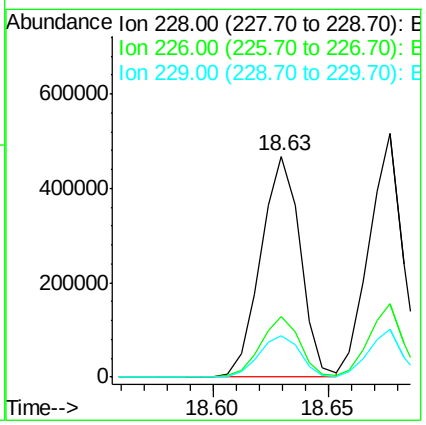
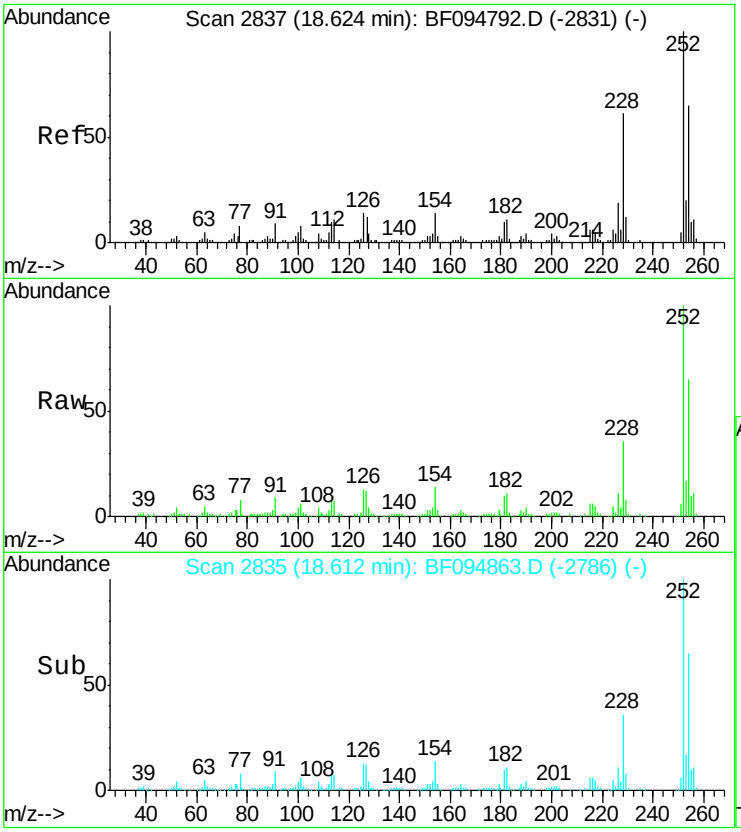


#80
Benzo(a)anthracene
Concen: 49.21 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:228 Resp: 555349

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	18.8	16.3	24.5

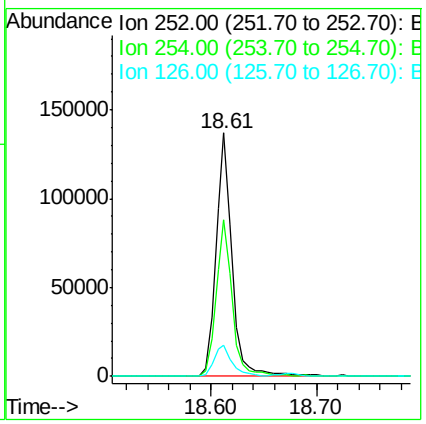




#81
3,3'-Dichlorobenzidine
Concen: 37.66 ng
RT: 18.61 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:252 Resp: 146802

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	12.7	15.8	23.8#



Instrument :
BNA_F
ClientSampleId :
OWS-1MS

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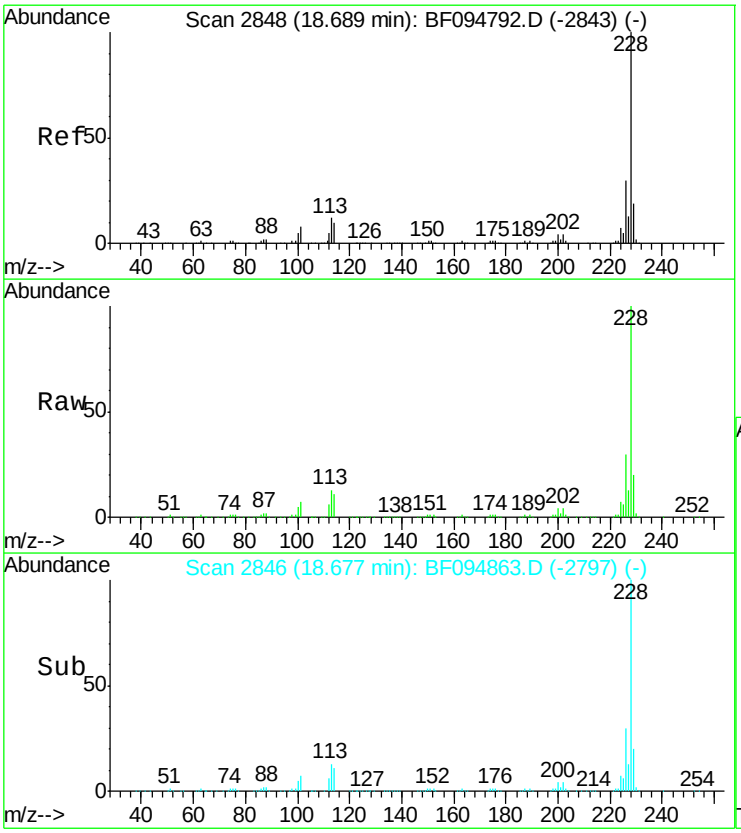
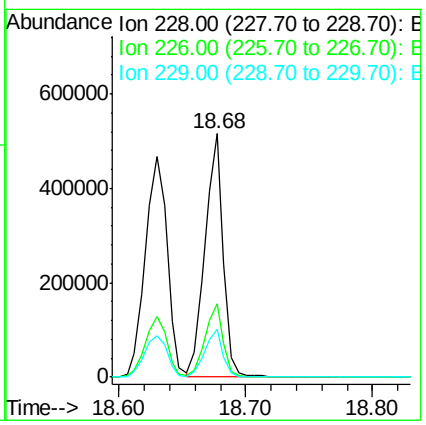
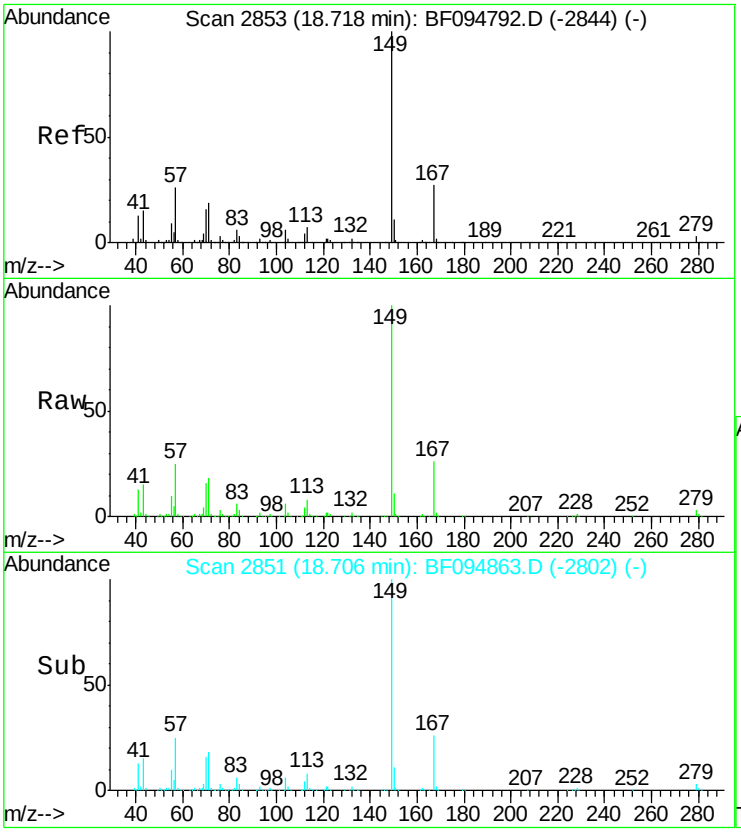


#82
Chrysene
Concen: 47.38 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:228 Resp: 517054

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.5	15.8	23.6





#83
Bis(2-ethylhexyl)phthalate
Concen: 46.23 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 444311

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.0	31.4
279	3.0	1.9	2.9#

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

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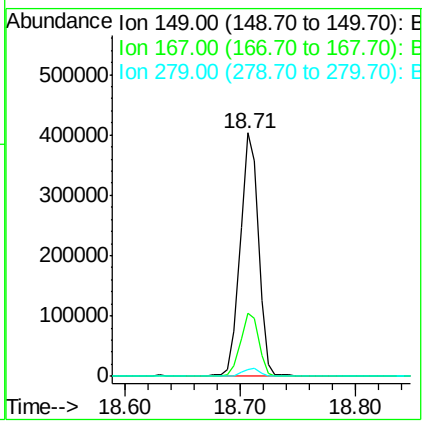
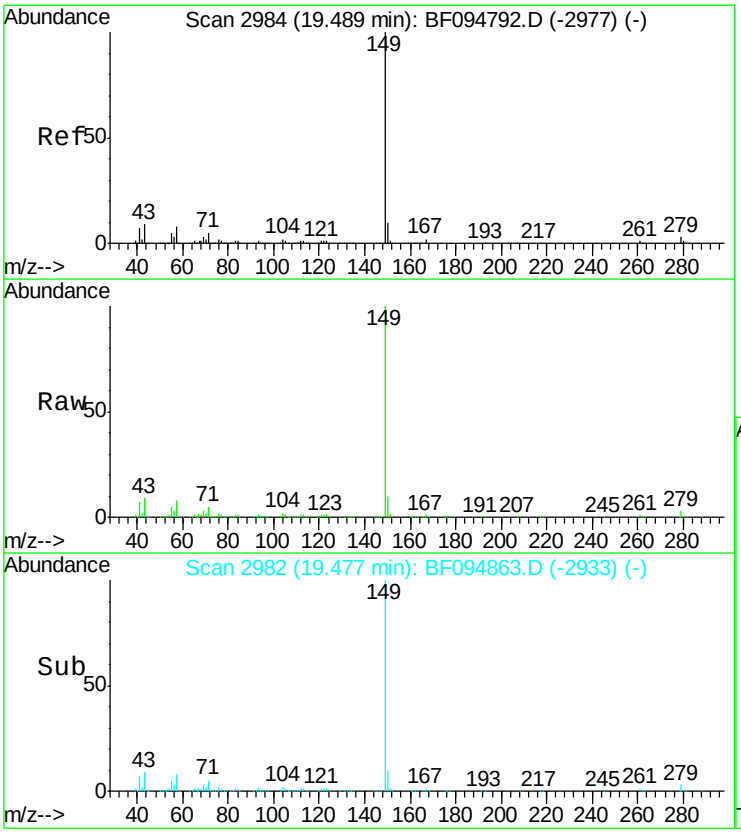
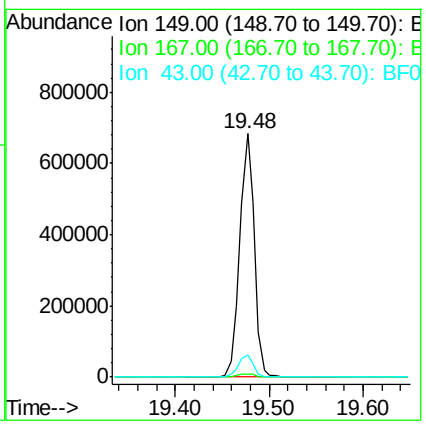


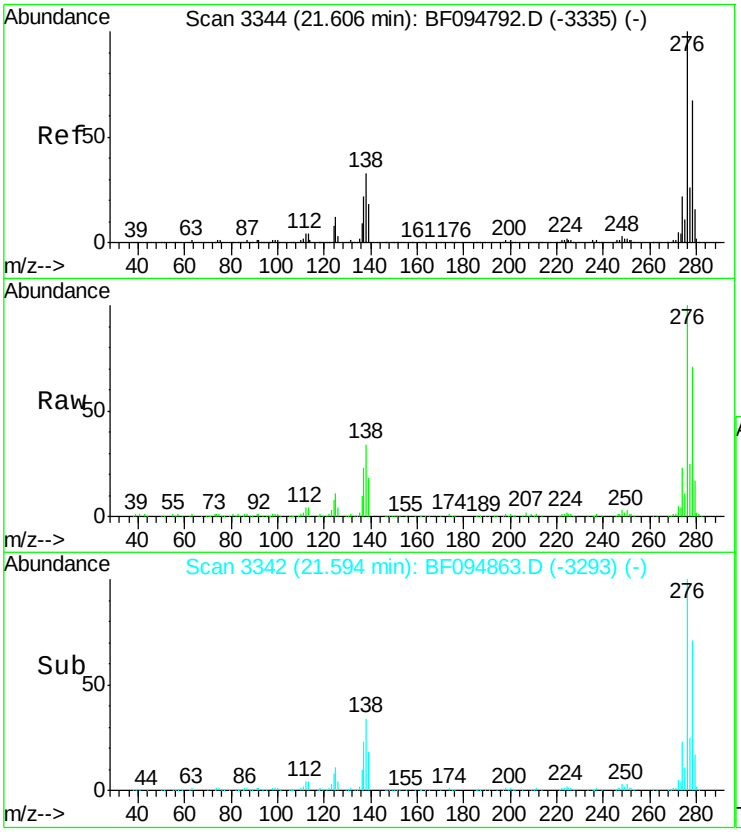


#84
Di-n-octyl phthalate
Concen: 46.65 ng
RT: 19.48 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 735182

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7

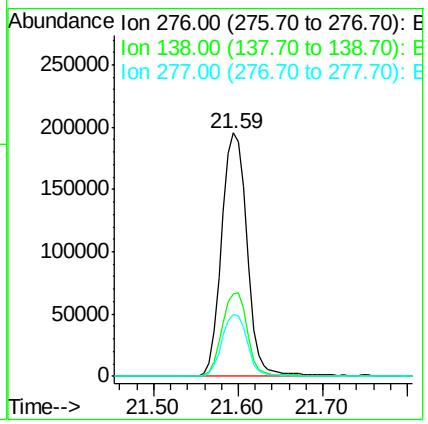




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.23 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:276 Resp: 409667

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.6	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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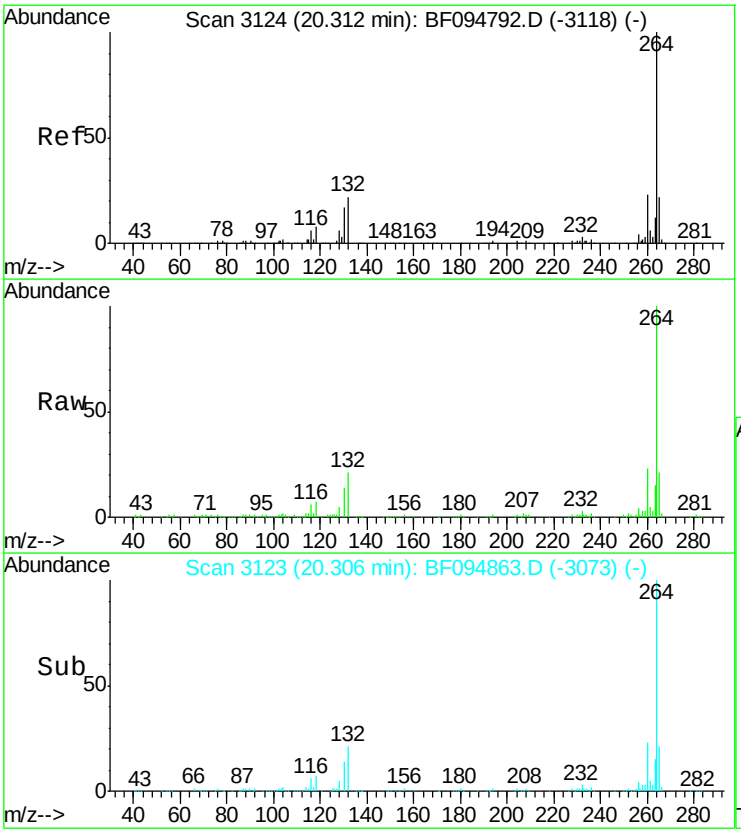
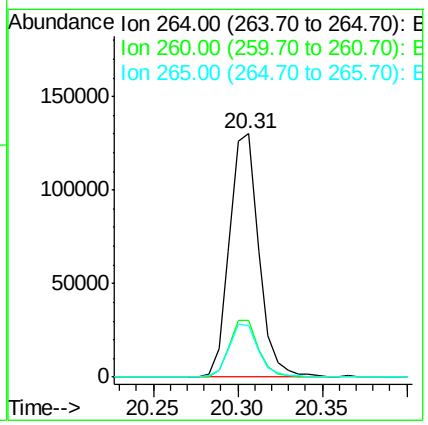
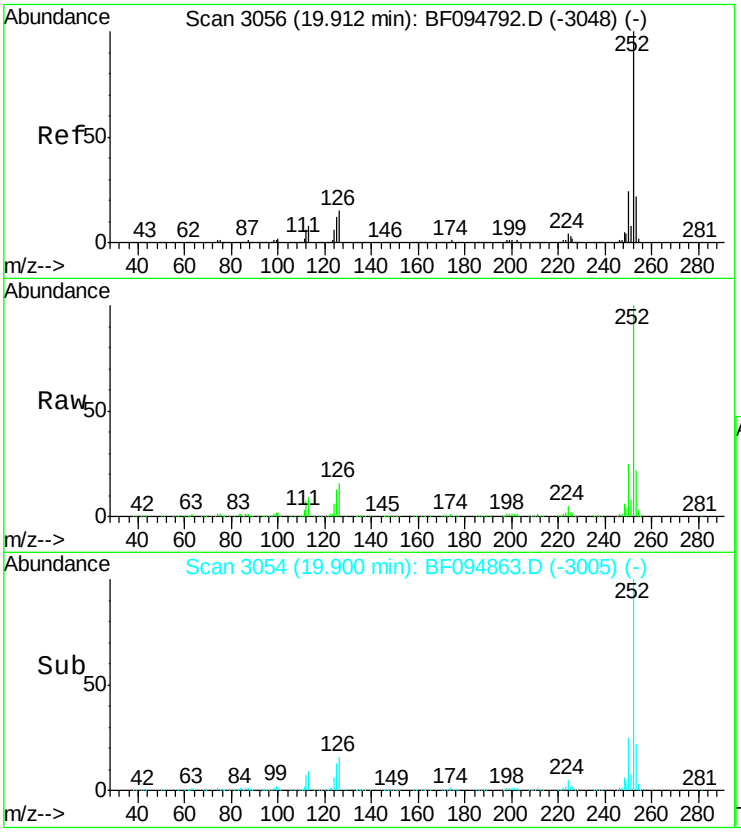


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:264 Resp: 157349

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	17.2	25.8

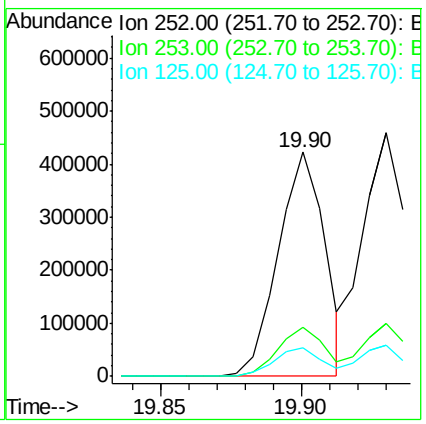




#87
Benzo(b)fluoranthene
Concen: 49.77 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:252 Resp: 483871

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.5	9.8	14.8



Instrument :
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ClientSampleId :
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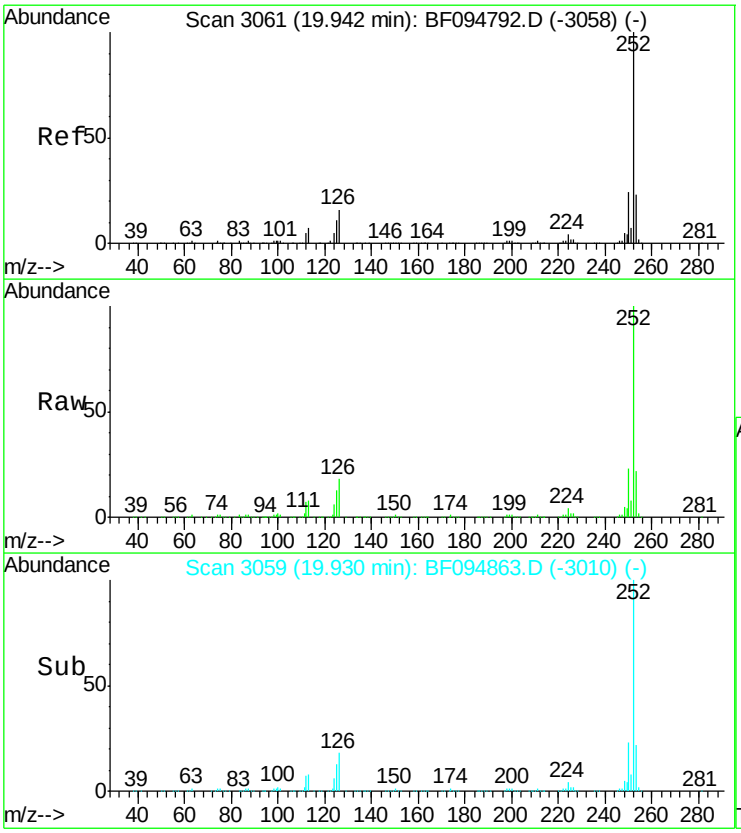
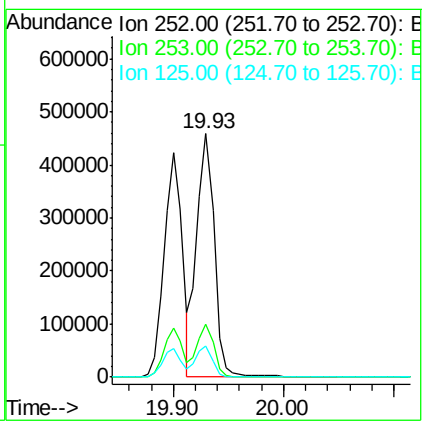
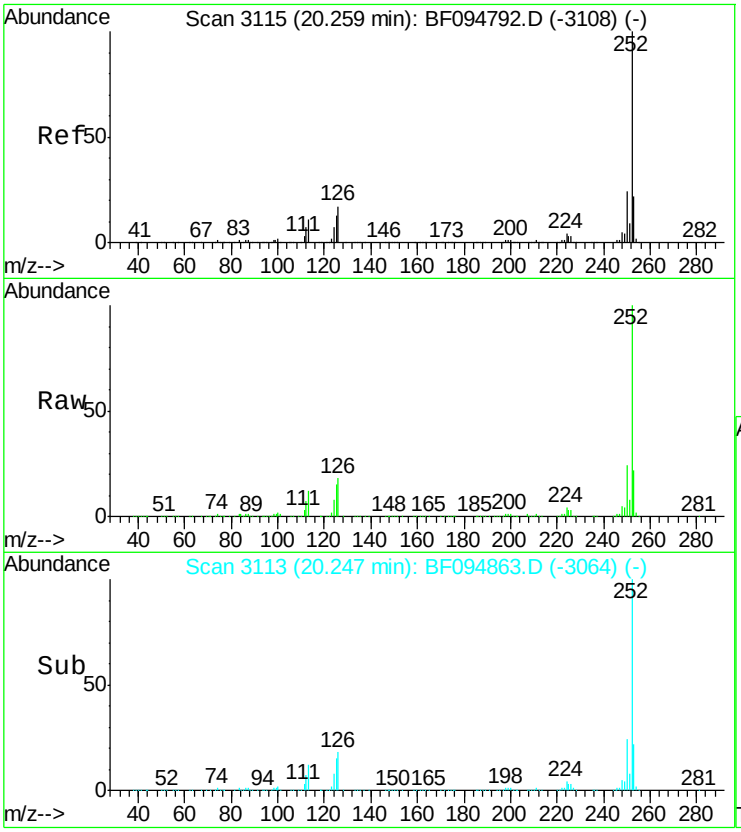


#88
Benzo(k)fluoranthene
Concen: 52.81 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:252 Resp: 495305

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.0	13.1	19.7#

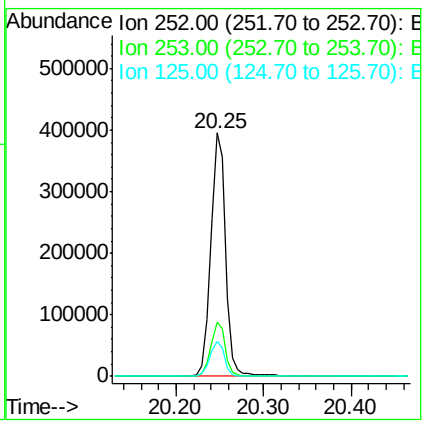




#89
Benzo(a)pyrene
Concen: 51.45 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:252 Resp: 461639

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.6	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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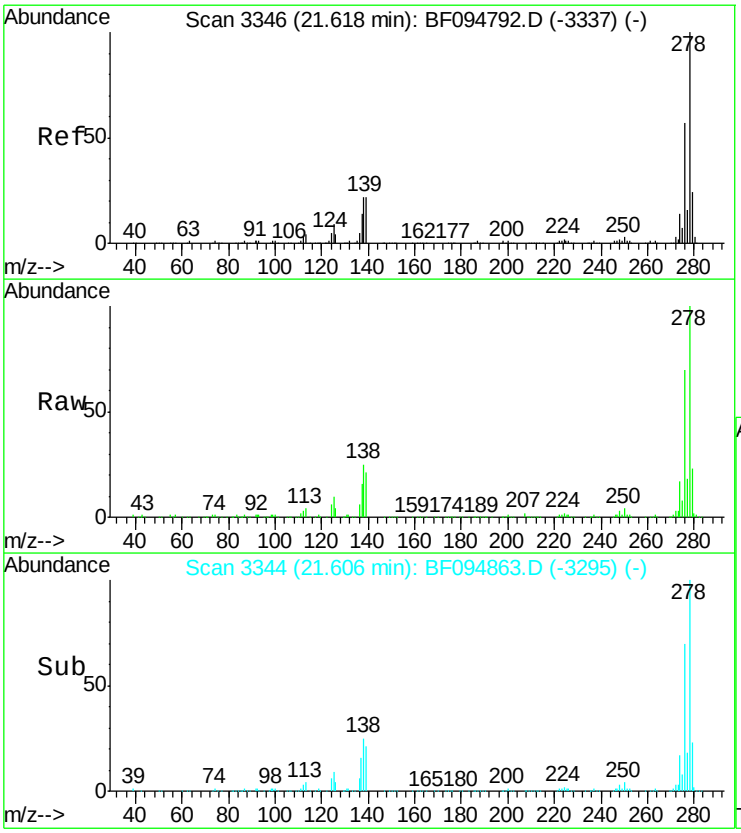
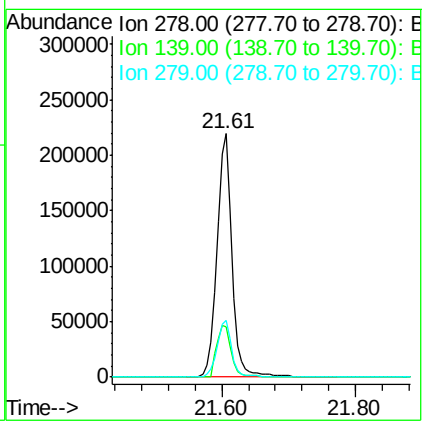
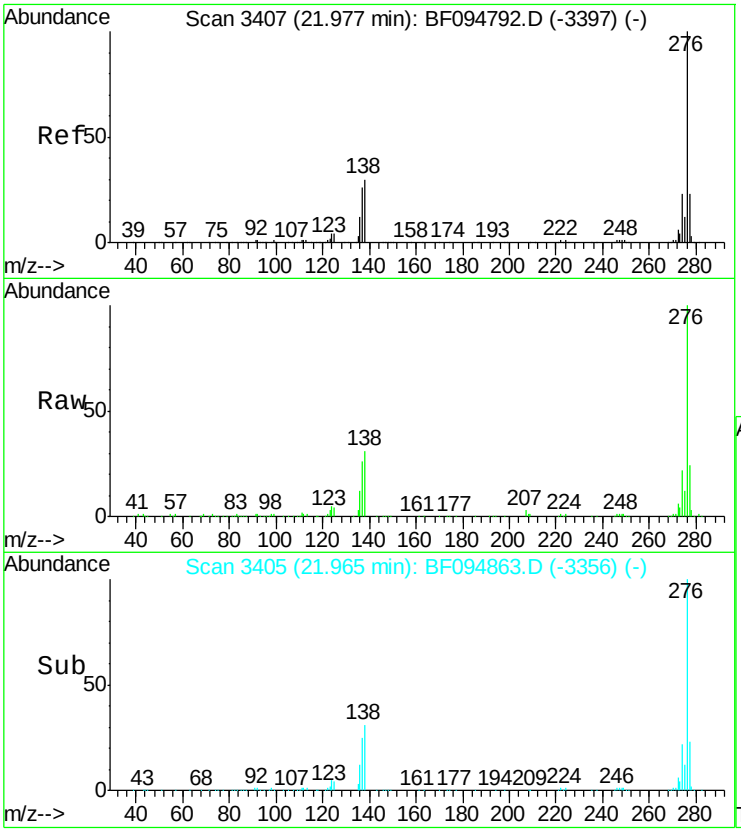


#90
Dibenzo(a,h)anthracene
Concen: 47.21 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:278 Resp: 349772

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	24.8
279	23.5	19.3	28.9

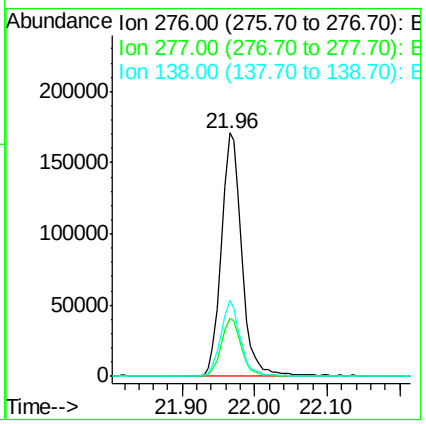




#91
Benzo(g,h,i)perylene
Concen: 46.30 ng
RT: 21.96 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:276 Resp: 336662

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:30 PM