Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095004.D
Acq On : 9 May 2017 4:06
Operator : SJ/MA
Sample : I2976-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:58 PM

Quant Time: May 09 07:37:09 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	7.72	152	94370	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	388547	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	166613	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	272237	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	194852	20.00	ng		-0.02
86) Perylene-d12	20.30	264	146245	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	834913	147.50	ng		0.00
7) Phenol-d6	7.27	99	1023890	150.76	ng		0.00
23) Nitrobenzene-d5	8.62	82	602843	97.84	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	200061	146.62	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1130492	97.66	ng		-0.02
78) Terphenyl-d14	17.29	244	801011	90.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	100986	36.38	ng		95
3) Pyridine	2.80	79	220657	34.30	ng		98
4) n-Nitrosodimethylamine	2.72	42	111886	41.72	ng		84
6) Aniline	7.23	93	119718	13.96	ng		93
8) 2-Chlorophenol	7.41	128	314997	48.89	ng		94
9) Benzaldehyde	7.04	77	47892	11.55	ng		99
10) Phenol	7.29	94	338991	47.37	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	272101	46.05	ng		96
12) 1,3-Dichlorobenzene	7.62	146	329676	45.11	ng		98
13) 1,4-Dichlorobenzene	7.74	146	334600	45.15	ng		96
14) 1,2-Dichlorobenzene	7.98	146	301159	43.53	ng		96
15) Benzyl Alcohol	8.00	79	234258	53.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	379223	45.35	ng		96
17) 2-Methylphenol	8.23	107	248707	47.17	ng		94
18) Hexachloroethane	8.50	117	101066	40.25	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	217933	47.45	ng		93
20) 3+4-Methylphenols	8.50	107	318131m	44.40	ng		
22) Acetophenone	8.39	105	438204	47.01	ng	#	84
24) Nitrobenzene	8.65	77	296986	45.98	ng		93
25) Isophorone	9.05	82	522258	47.47	ng		95
26) 2-Nitrophenol	9.15	139	155858	44.72	ng		96
27) 2,4-Dimethylphenol	9.30	122	253184	44.93	ng		97
28) bis(2-Chloroethoxy)methane	9.41	93	350838	46.09	ng		98
29) 2,4-Dichlorophenol	9.58	162	262892	49.41	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	252524	44.30	ng		99
31) Naphthalene	9.77	128	855274	43.80	ng		99
32) Benzoic acid	9.60	122	135611	37.86	ng		95
33) 4-Chloroaniline	9.95	127	96982	13.33	ng	#	92
34) Hexachlorobutadiene	9.99	225	118011	39.24	ng		98
35) Caprolactam	10.54	113	71163m	44.55	ng		
36) 4-Chloro-3-methylphenol	10.77	107	243934	42.88	ng		89
37) 2-Methylnaphthalene	10.90	142	550568	42.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	224878	43.89	ng		99
40) Hexachlorocyclopentadiene	11.15	237	79295	40.08	ng		97

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Misc :
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Instrument : BNA_F
ClientSampleId : P001-TANK001-01MSD

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Quant Time: May 09 07:37:09 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	161168	47.11	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	155927	42.41	ng		94
45) 1,1'-Biphenyl	11.67	154	651282	46.43	ng		98
46) 2-Chloronaphthalene	11.68	162	507411	44.80	ng		94
47) 2-Nitroaniline	11.89	65	147700	47.64	ng	#	85
48) Acenaphthylene	12.34	152	829374	46.75	ng		99
49) Dimethylphthalate	12.21	163	759633	55.54	ng		99
50) 2,6-Dinitrotoluene	12.30	165	131131	46.99	ng		96
51) Acenaphthene	12.62	154	486673	45.93	ng		98
52) 3-Nitroaniline	12.57	138	75035	25.05	ng		91
53) 2,4-Dinitrophenol	12.78	184	46748	34.29	ng	#	66
54) Dibenzofuran	12.91	168	724129	49.38	ng		98
55) 4-Nitrophenol	12.95	139	176535	98.14	ng	#	72
56) 2,4-Dinitrotoluene	12.97	165	172093	47.99	ng	#	90
57) Fluorene	13.46	166	556163	43.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	121599	52.55	ng	#	94
59) Diethylphthalate	13.36	149	556709	42.46	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	248781	44.39	ng		88
61) 4-Nitroaniline	13.57	138	111252	40.46	ng		95
62) Azobenzene	13.74	77	522617	49.61	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	37724	20.67	ng	#	69
65) n-Nitrosodiphenylamine	13.69	169	467515	47.32	ng		98
66) 4-Bromophenyl-phenylether	14.27	248	132498	46.07	ng		98
67) Hexachlorobenzene	14.35	284	132435	44.93	ng	#	85
68) Atrazine	14.61	200	134332	48.15	ng		94
69) Pentachlorophenol	14.71	266	113846	85.02	ng		98
70) Phenanthrene	15.01	178	736702	47.10	ng		99
71) Anthracene	15.09	178	755521	47.29	ng		98
72) Carbazole	15.37	167	609730	41.94	ng		97
73) Di-n-butylphthalate	15.94	149	821621	45.32	ng		99
74) Fluoranthene	16.75	202	683839	42.62	ng		98
76) Benzidine	16.99	184	8373	7.96	ng	#	88
77) Pyrene	17.05	202	689320	47.30	ng		99
79) Butylbenzylphthalate	17.95	149	313531	46.26	ng	#	86
80) Benzo(a)anthracene	18.62	228	535310	47.20	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	117927	30.11	ng	#	96
82) Chrysene	18.67	228	504798	46.04	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	469372	48.60	ng	#	100
84) Di-n-octyl phthalate	19.47	149	667910	42.18	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	373506	41.94	ng		99
87) Benzo(b)fluoranthene	19.89	252	418851	46.35	ng		98
88) Benzo(k)fluoranthene	19.92	252	433097m	49.69	ng		
89) Benzo(a)pyrene	20.25	252	385673	46.25	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	318642	46.27	ng		97
91) Benzo(g,h,i)perylene	21.96	276	322827	47.77	ng		98

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

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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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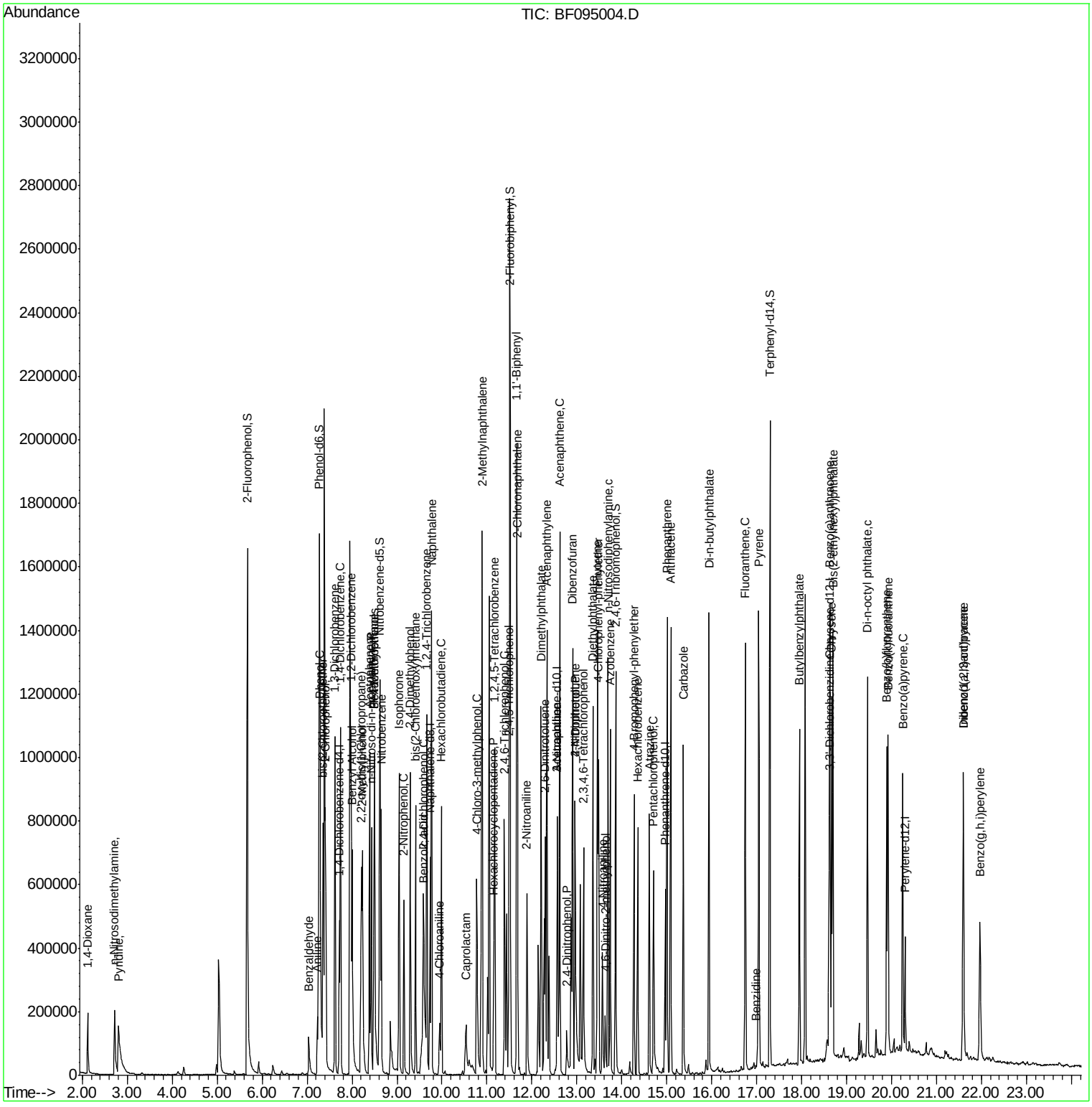
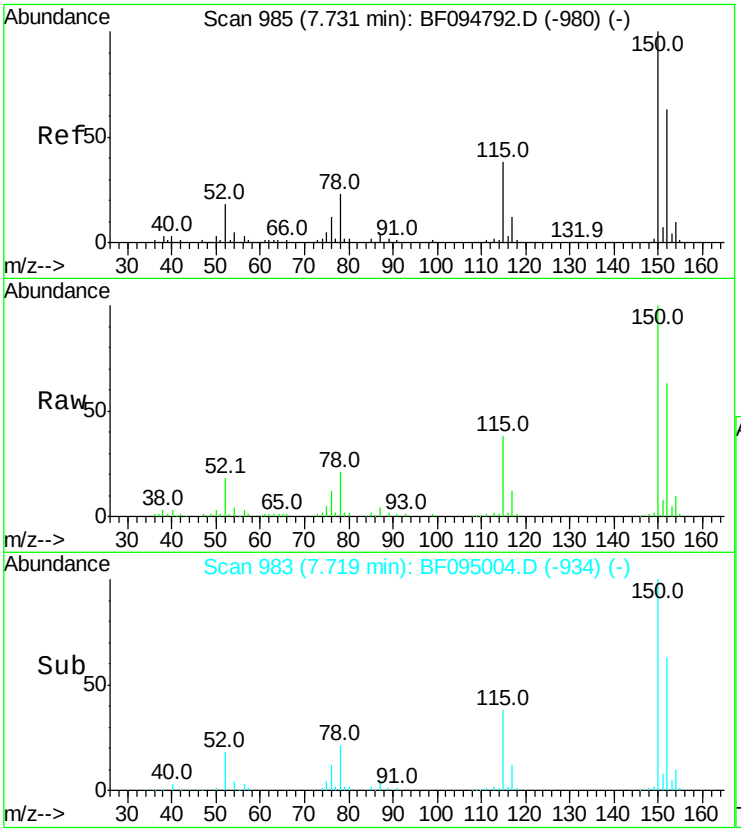
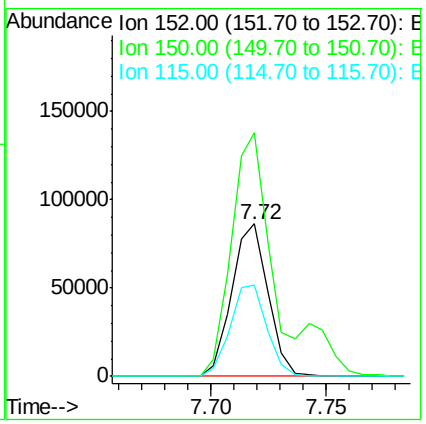




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:152 Resp: 94370

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	60.3	52.2	78.2



Instrument :
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ClientSampleId :
P001-TANK001-01MSD

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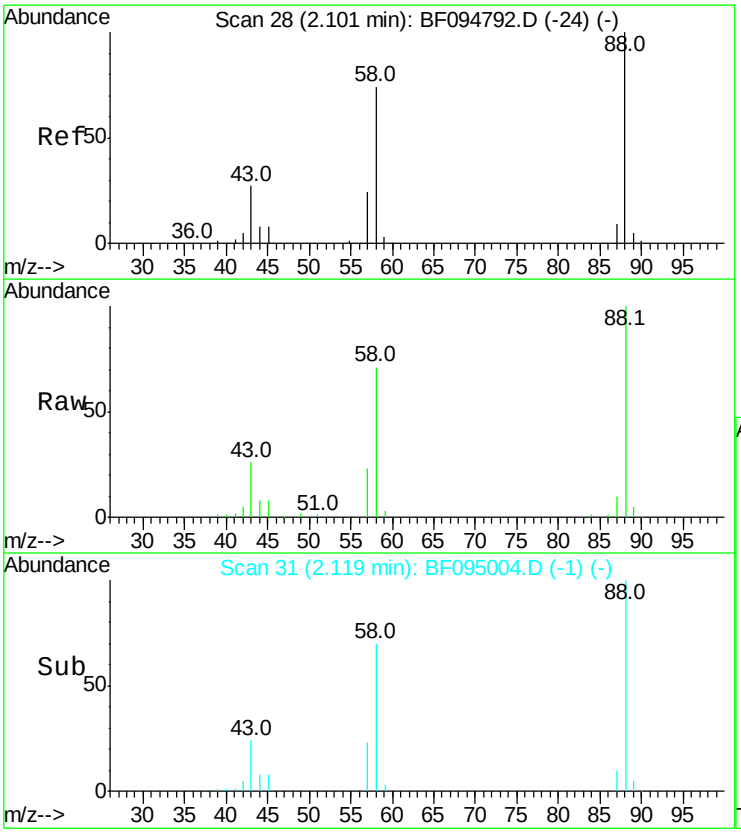
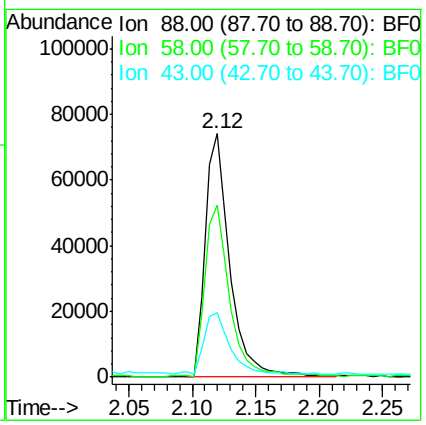
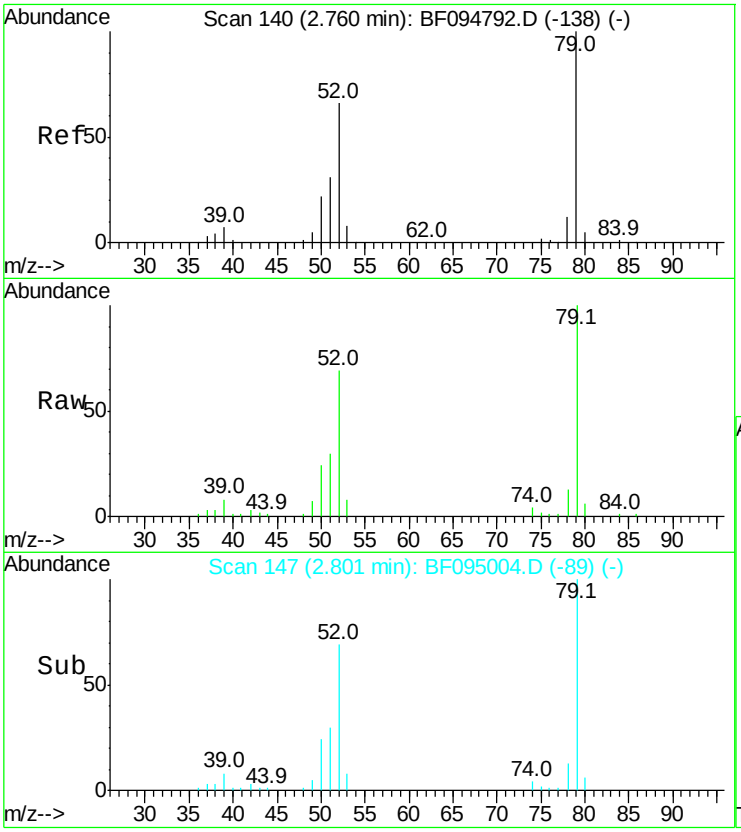


#2
1,4-Dioxane
Concen: 36.38 ng
RT: 2.12 min Scan# 31
Delta R.T. 0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 88 Resp: 100986

Ion	Ratio	Lower	Upper
88	100		
58	72.6	61.4	92.0
43	27.1	23.4	35.0

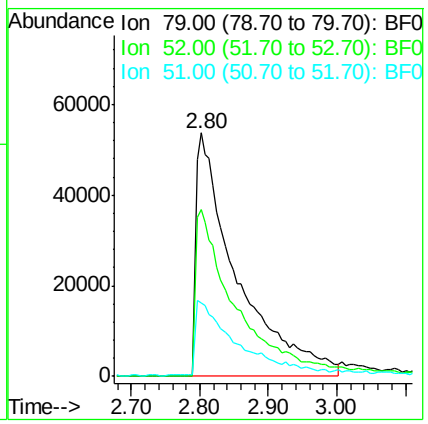




#3
Pyridine
Concen: 34.30 ng
RT: 2.80 min Scan# 147
Delta R.T. 0.04 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 79 Resp: 220657

Ion	Ratio	Lower	Upper
79	100		
52	68.5	54.8	82.2
51	30.3	27.0	40.4



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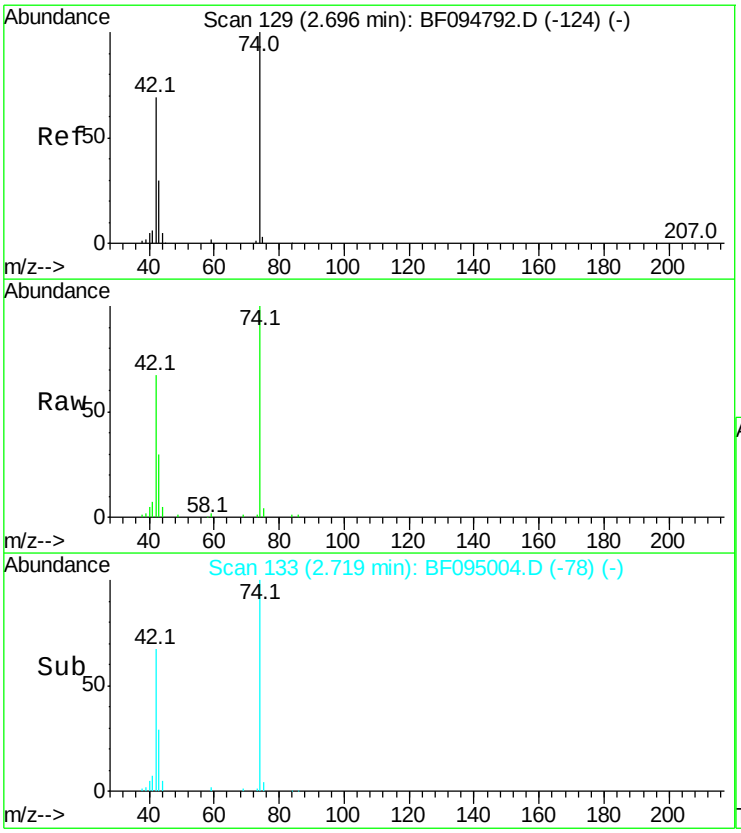
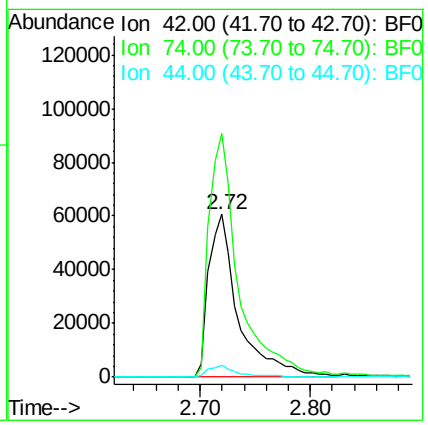
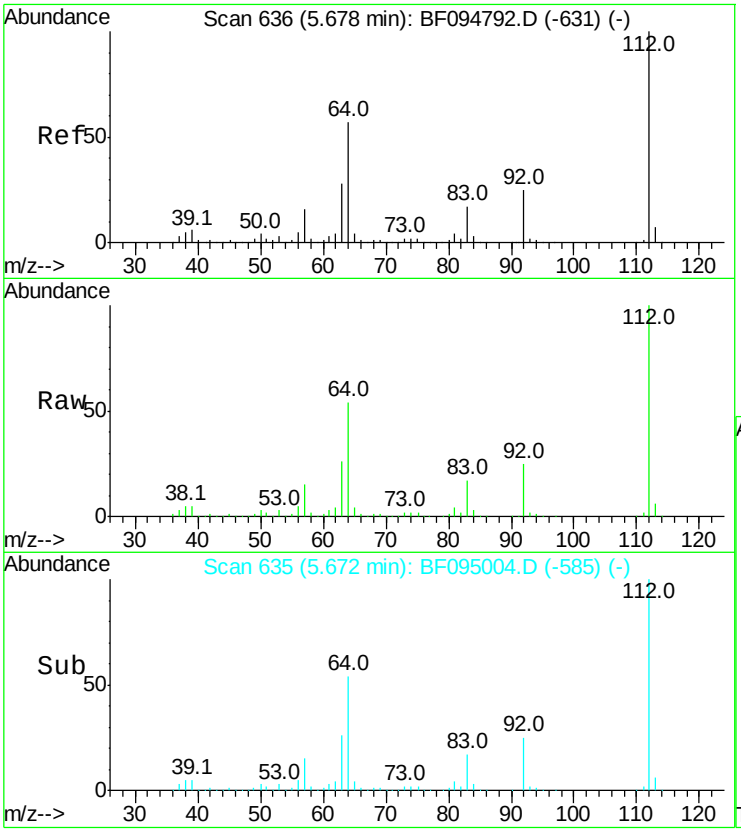


#4
n-Nitrosodimethylamine
Concen: 41.72 ng
RT: 2.72 min Scan# 133
Delta R.T. 0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 42 Resp: 111886

Ion	Ratio	Lower	Upper
42	100		
74	149.5	103.9	155.9
44	7.2	5.7	8.5

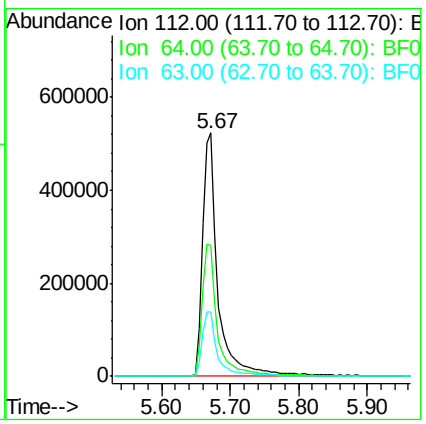




#5
2-Fluorophenol
Concen: 147.50 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:112 Resp: 834913

Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.3	23.4	35.0



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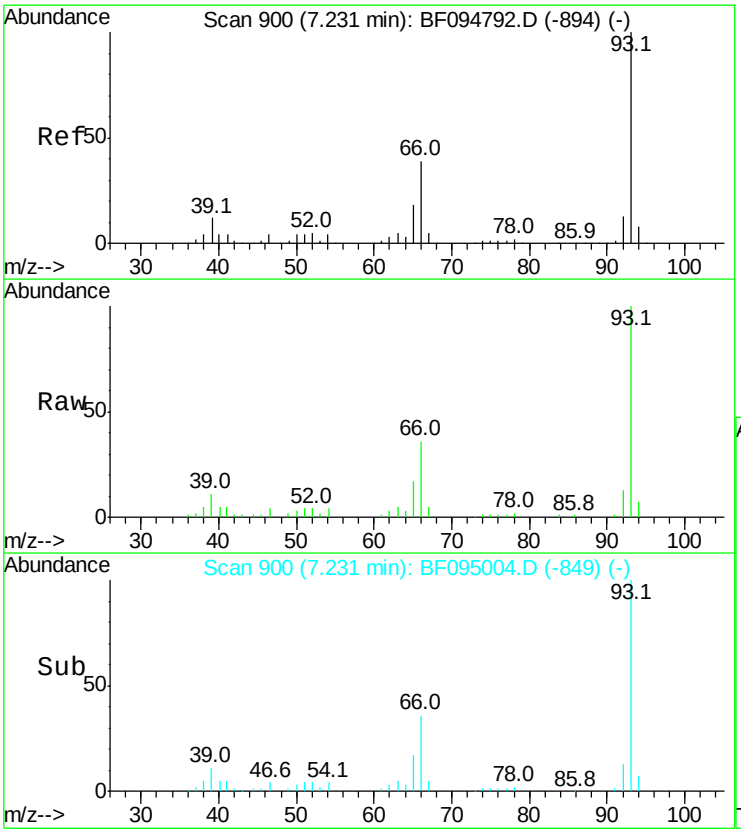
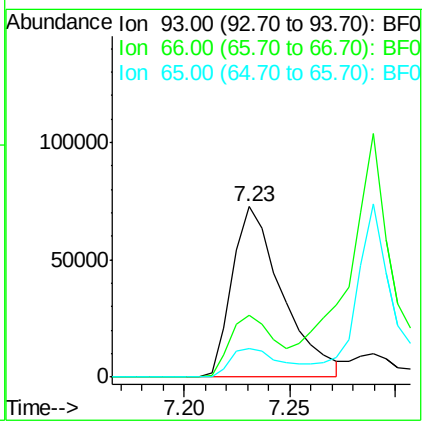
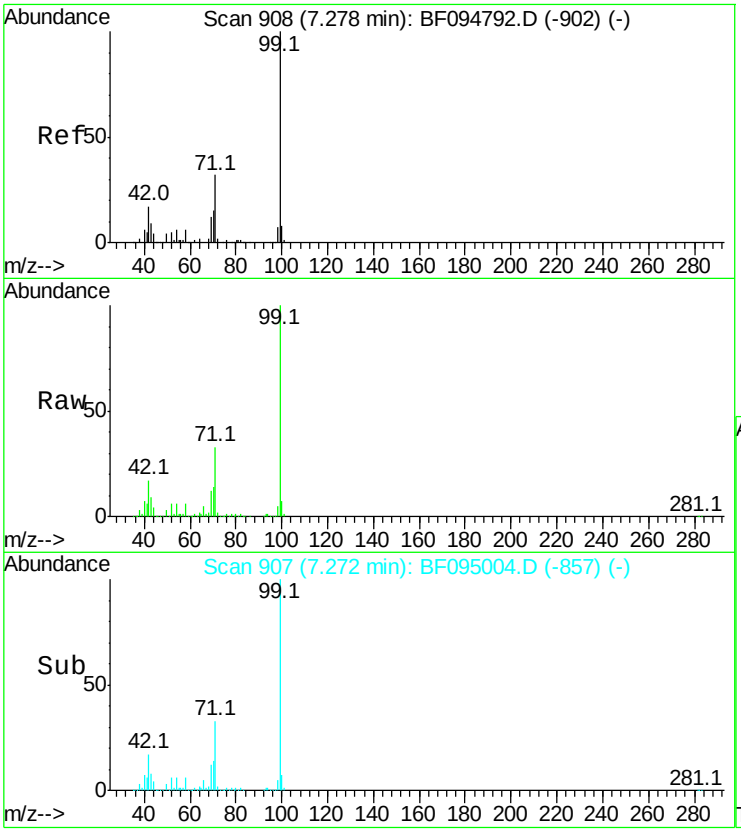


#6
Aniline
Concen: 13.96 ng
RT: 7.23 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 93 Resp: 119718

Ion	Ratio	Lower	Upper
93	100		
66	36.4	32.9	49.3
65	16.6	16.0	24.0

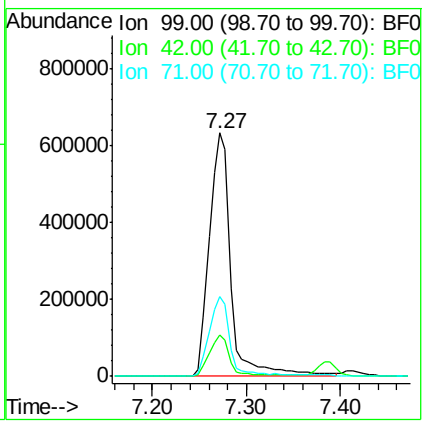




#7
Phenol-d6
Concen: 150.76 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 99 Resp: 1023890

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	32.7	24.5	36.7



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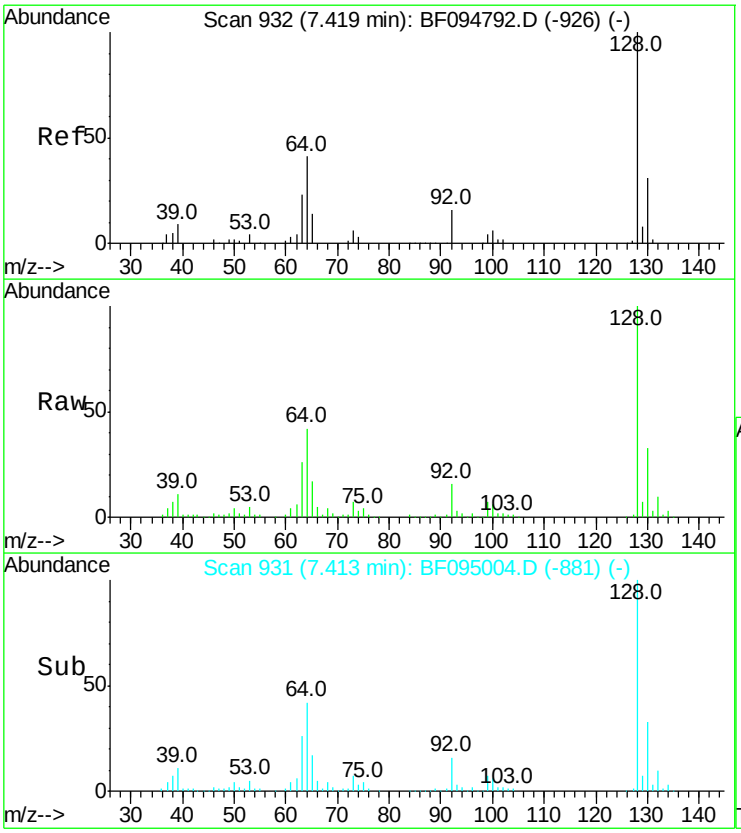
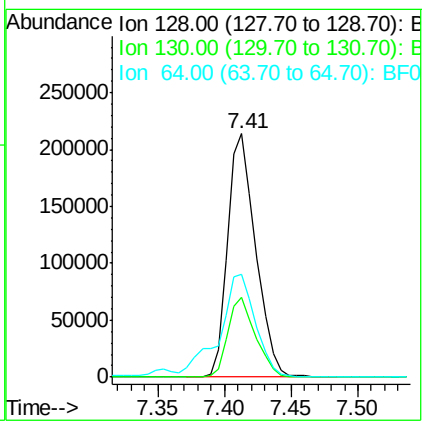
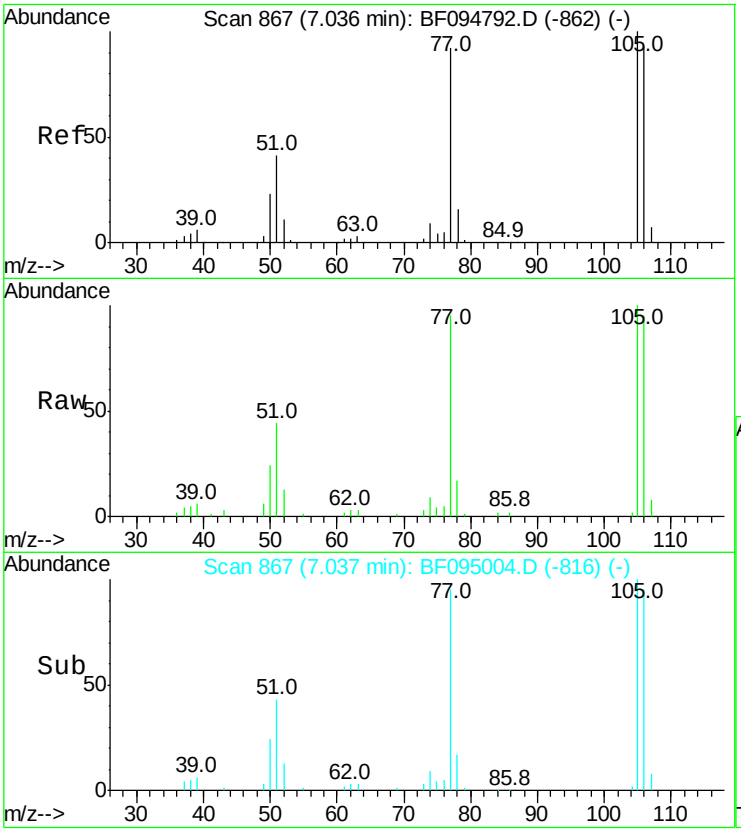


#8
2-Chlorophenol
Concen: 48.89 ng
RT: 7.41 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:128 Resp: 314997

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	42.4	28.4	68.4

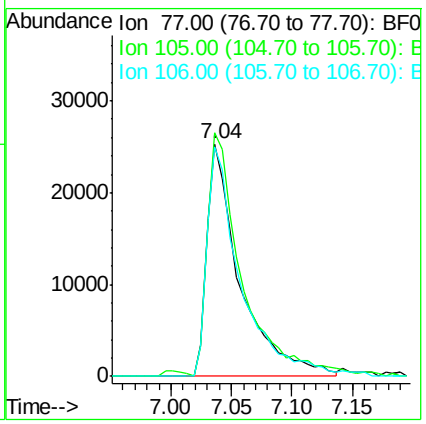




#9
Benzaldehyde
Concen: 11.55 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 77 Resp: 47892

Ion	Ratio	Lower	Upper
77	100		
105	104.7	83.8	123.8
106	99.0	79.1	119.1



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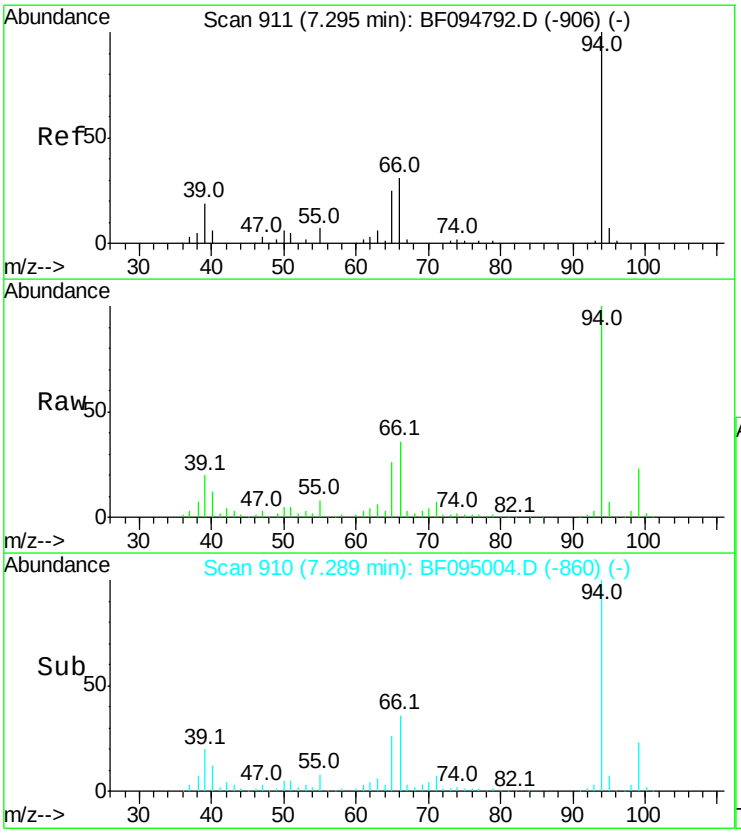
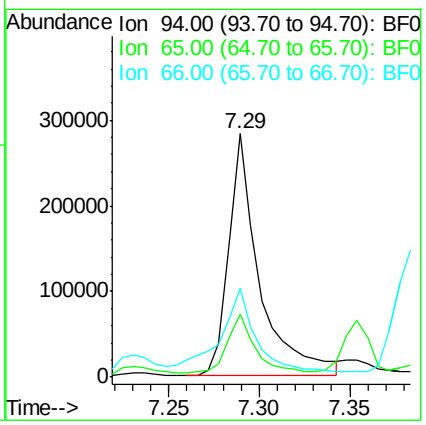
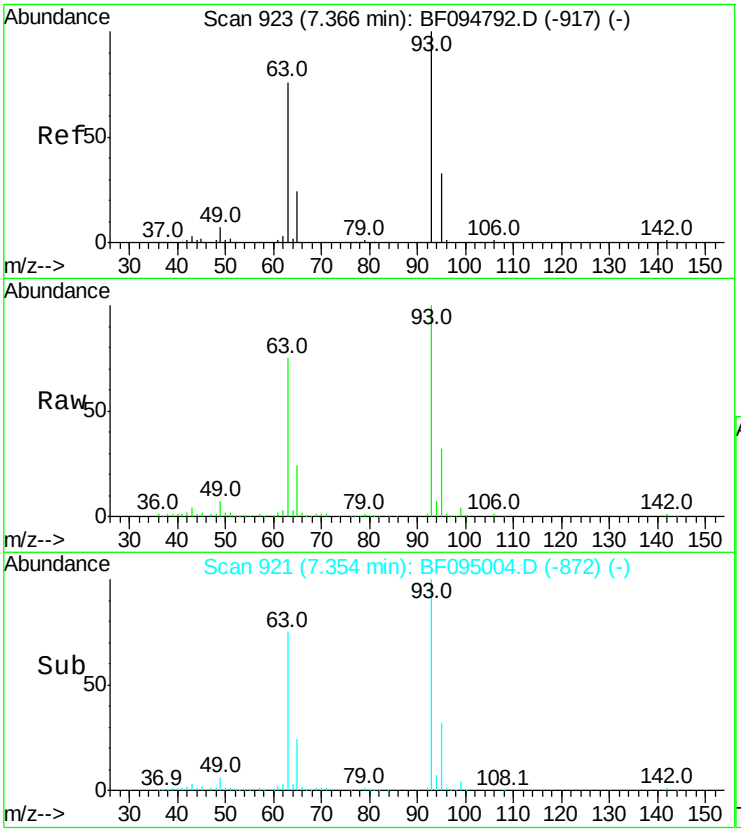


#10
Phenol
Concen: 47.37 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 94 Resp: 338991

Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	36.5	23.1	63.1

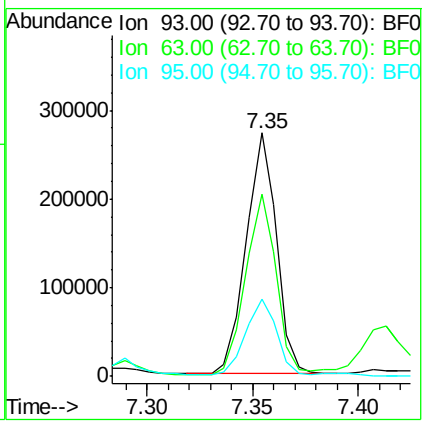




#11
bis(2-Chloroethyl)ether
Concen: 46.05 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 93 Resp: 272101

Ion	Ratio	Lower	Upper
93	100		
63	75.0	59.2	99.2
95	31.7	12.8	52.8



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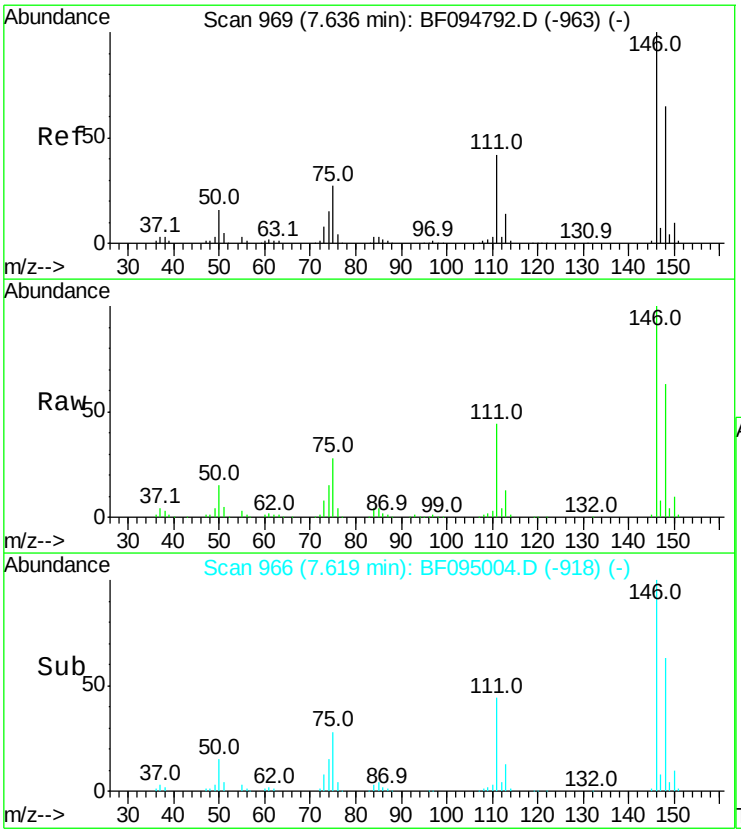
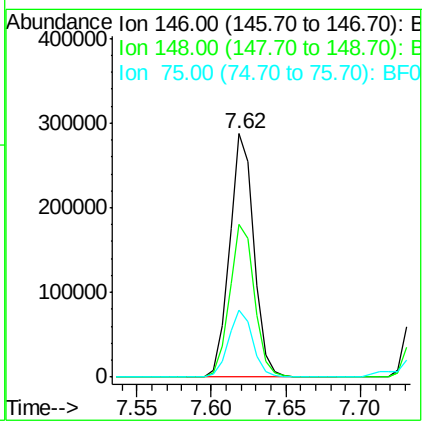
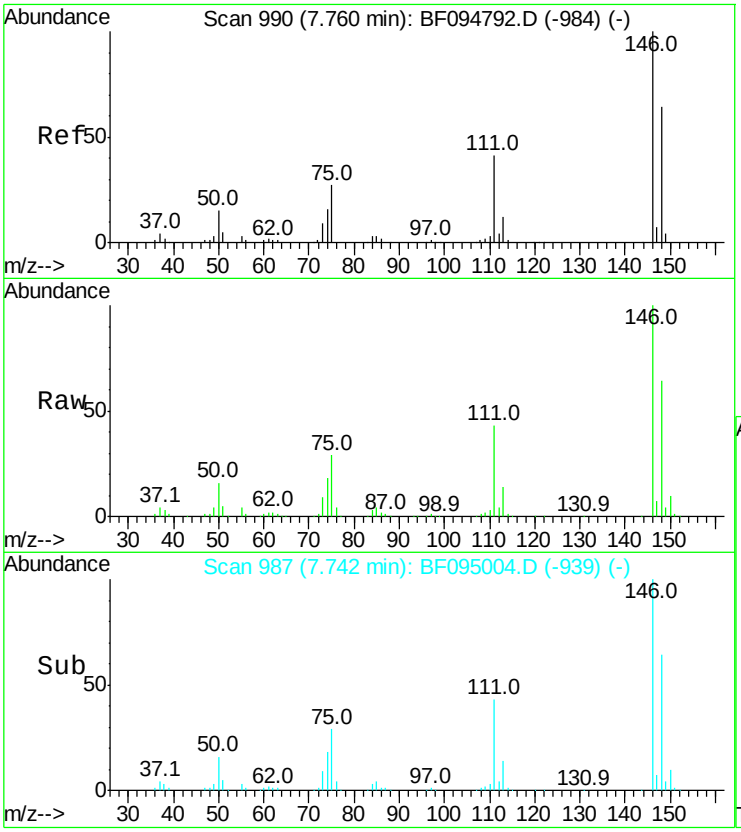


#12
1,3-Dichlorobenzene
Concen: 45.11 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:146 Resp: 329676

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
75	27.8	23.1	34.7

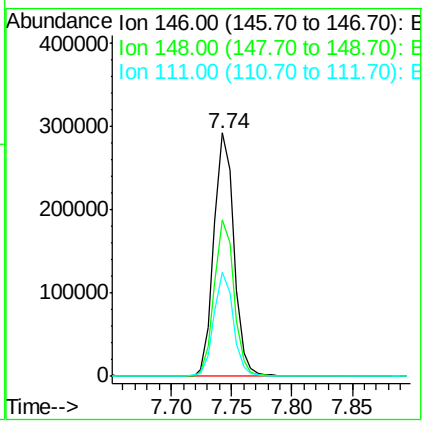




#13
1,4-Dichlorobenzene
Concen: 45.15 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:146 Resp: 334600

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.7	30.3	45.5



Instrument :
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ClientSampleId :
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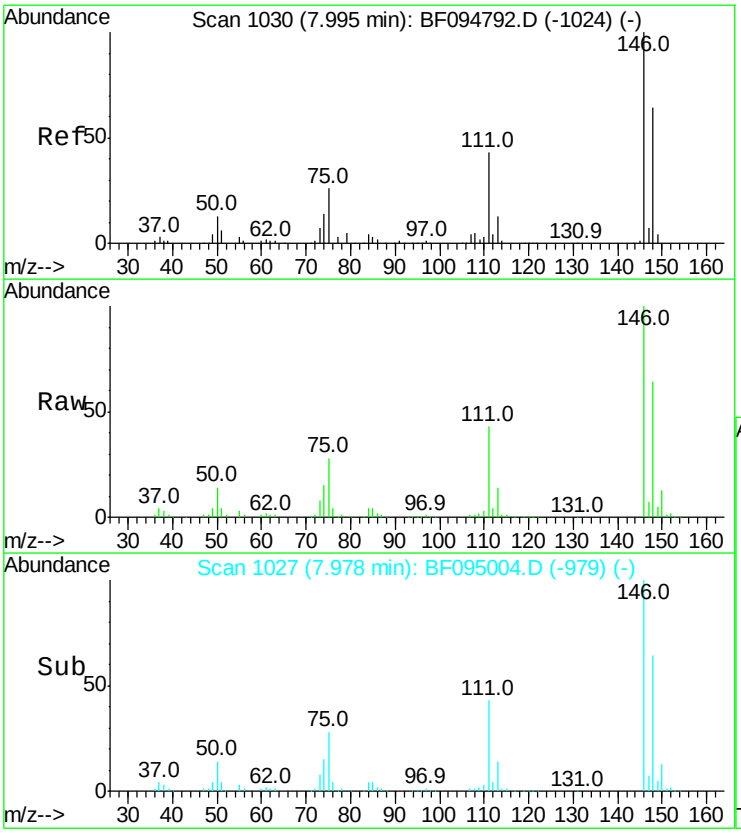
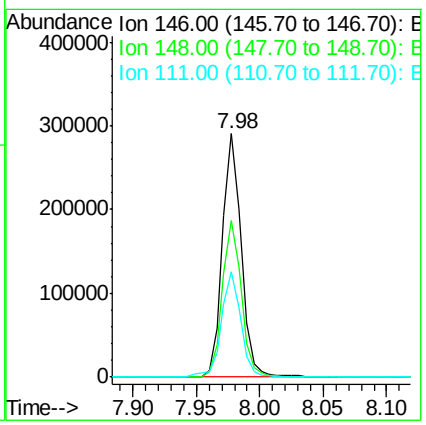
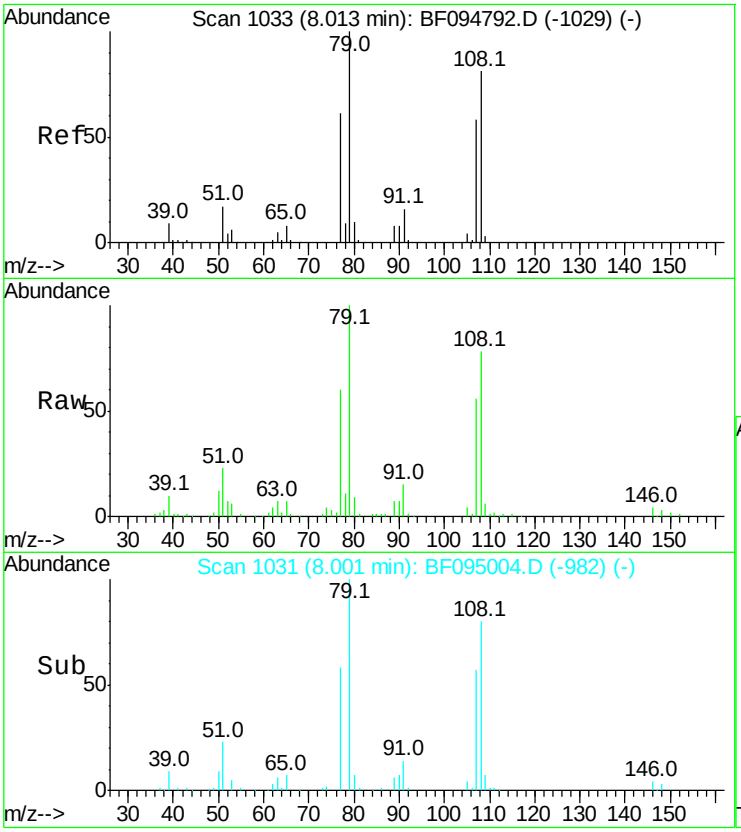


#14
1,2-Dichlorobenzene
Concen: 43.53 ng
RT: 7.98 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:146 Resp: 301159

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.1	38.2	57.4





#15
Benzyl Alcohol
Concen: 53.63 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 79 Resp: 234258

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.4	95.0
77	59.6	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
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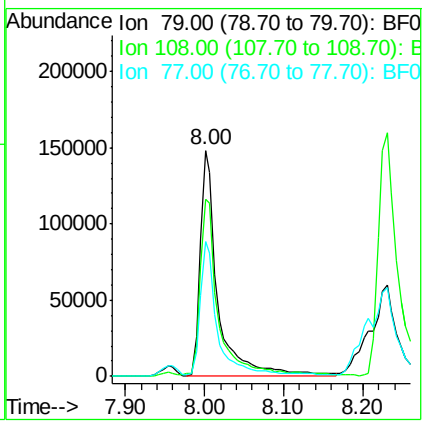
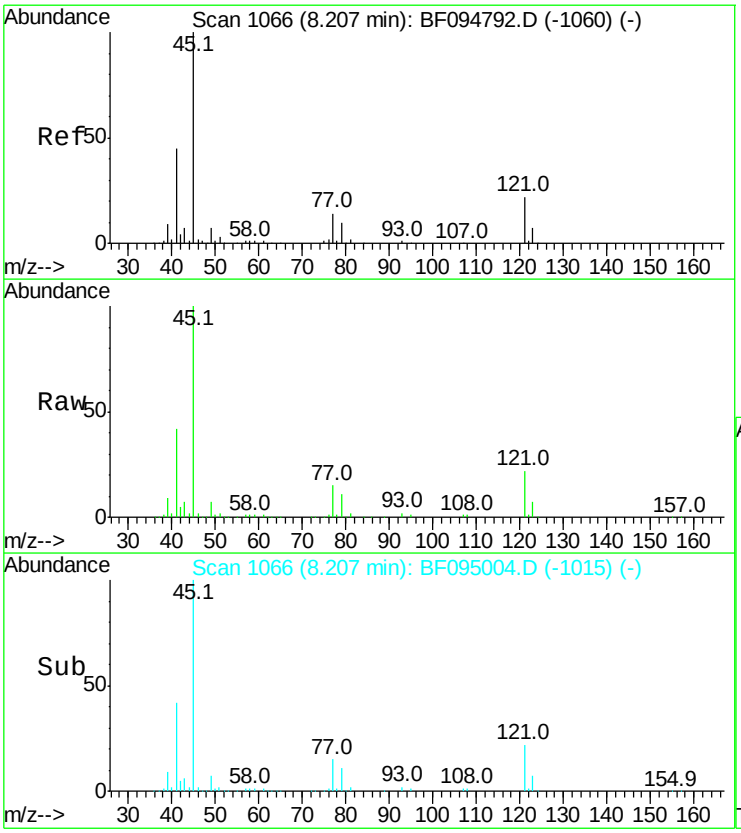
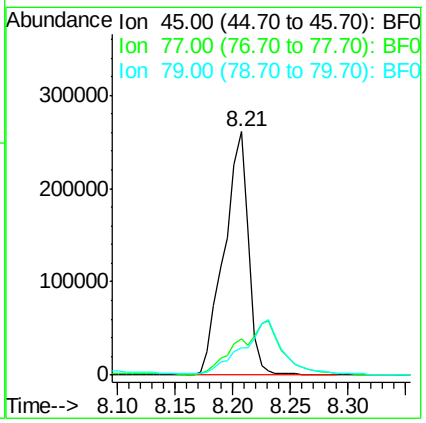


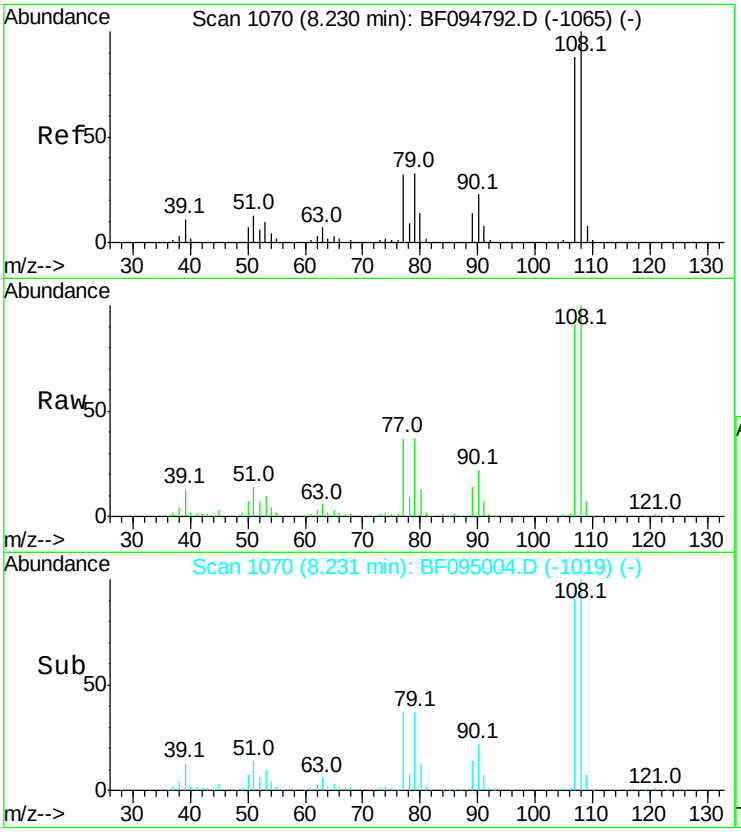


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.35 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 45 Resp: 379223

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.2
79	11.4	0.0	30.0

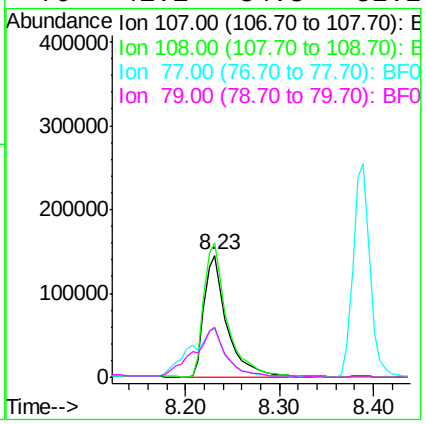




#17
2-Methylphenol
Concen: 47.17 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:107 Resp: 248707

Ion	Ratio	Lower	Upper
107	100		
108	110.0	93.4	140.0
77	40.2	35.8	53.6
79	41.1	34.8	52.2



Instrument :
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ClientSampleId :
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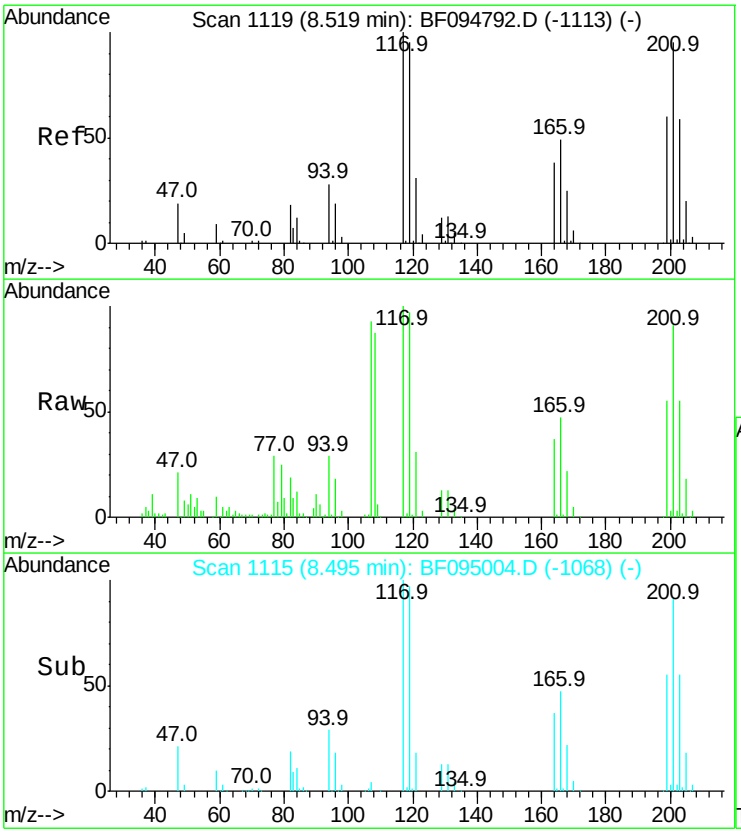
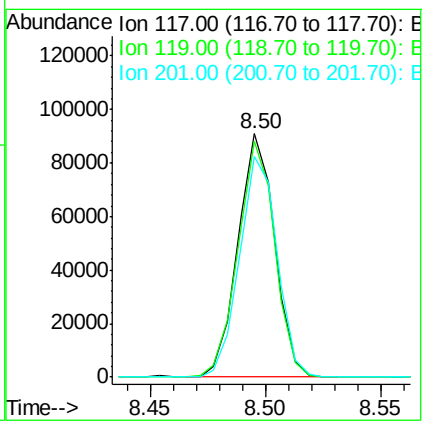
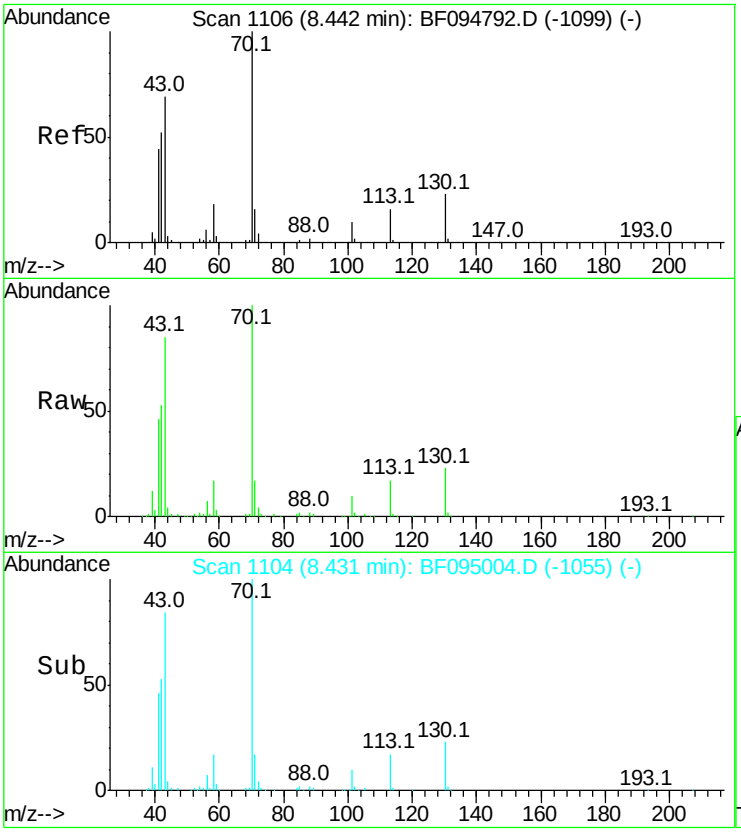


#18
Hexachloroethane
Concen: 40.25 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:117 Resp: 101066

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	90.6	94.6	141.8#

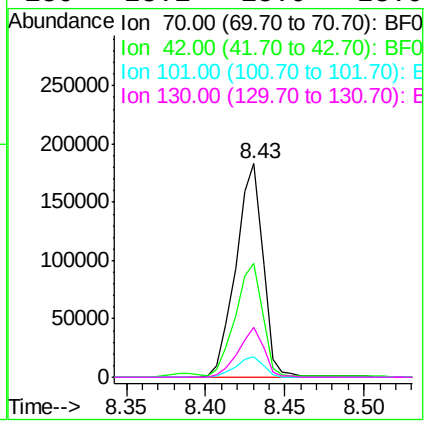




#19
n-Nitroso-di-n-propylamine
Concen: 47.45 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 70 Resp: 217933

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.2	70.8
101	9.7	7.2	10.8
130	23.1	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
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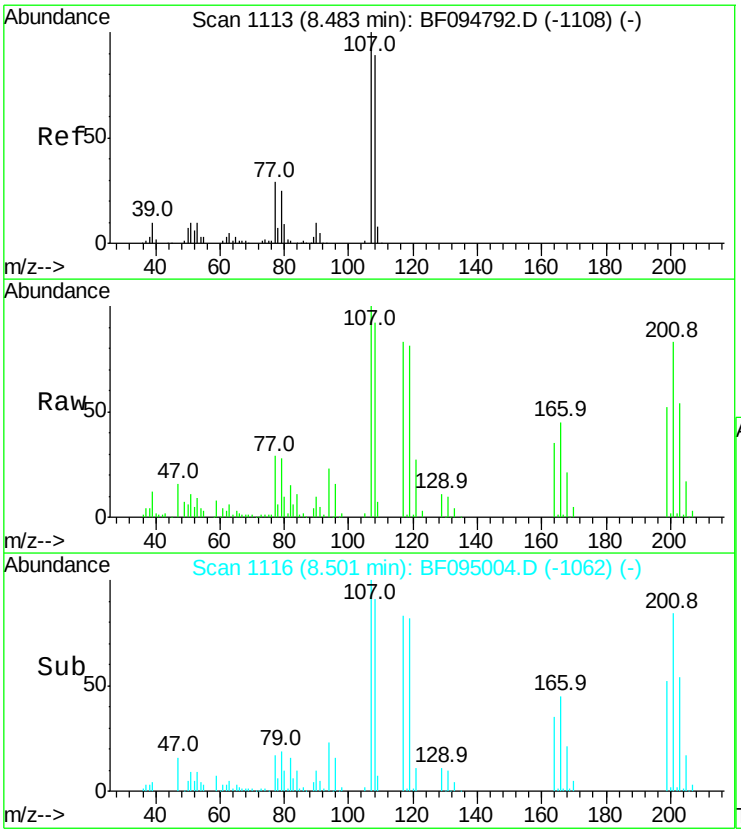
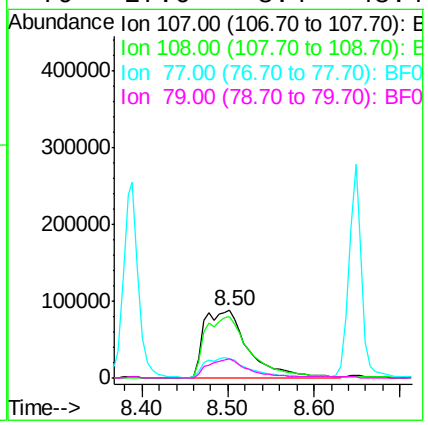
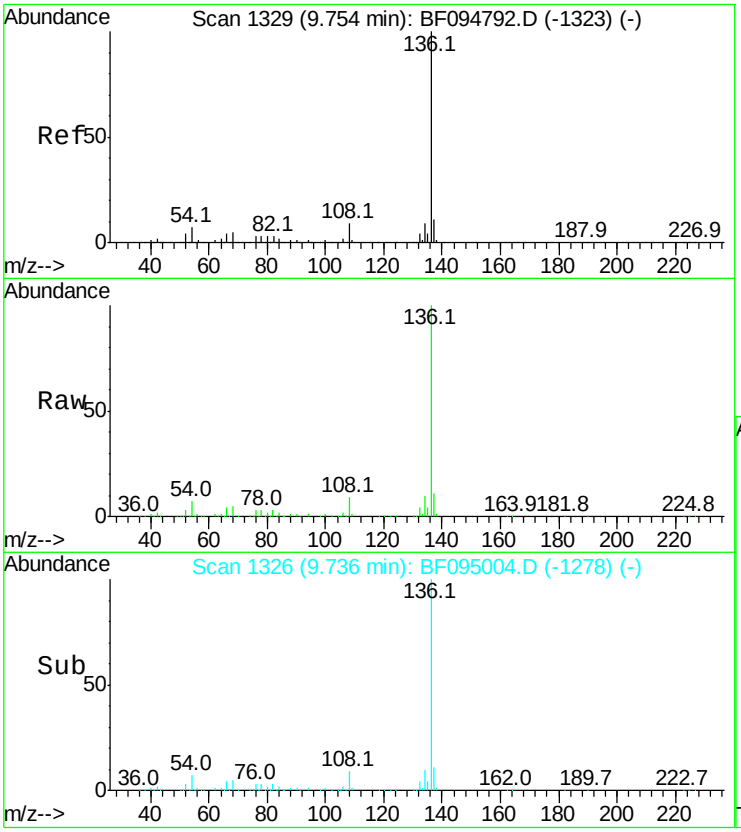


#20
3+4-Methylphenols
Concen: 44.40 ng m
RT: 8.50 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:107 Resp: 318131

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.0	111.0
77	28.8	90.5	130.5#
79	27.6	8.4	48.4

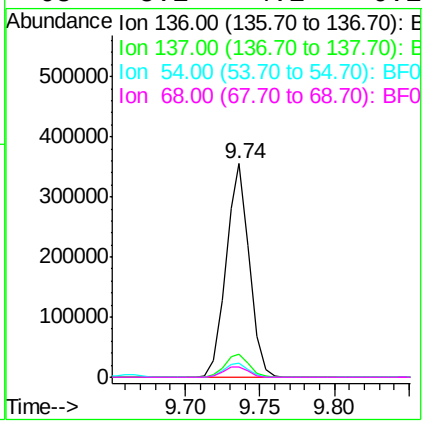




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:136 Resp: 388547

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.9	4.9	7.3
68	5.1	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
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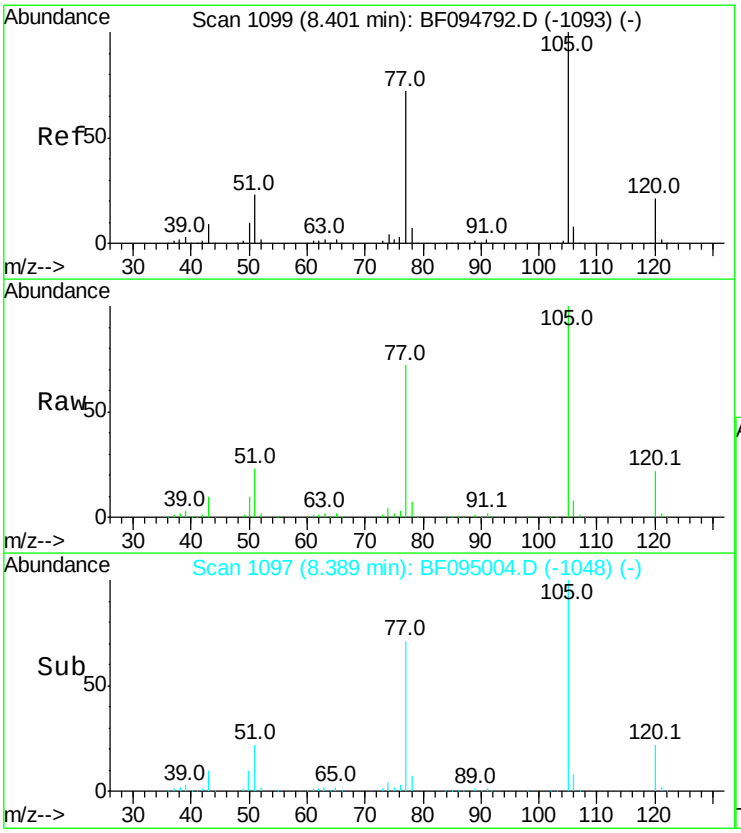
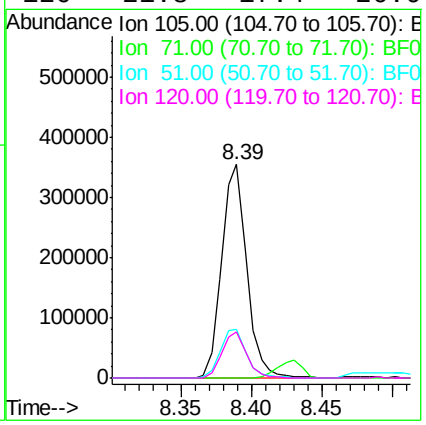
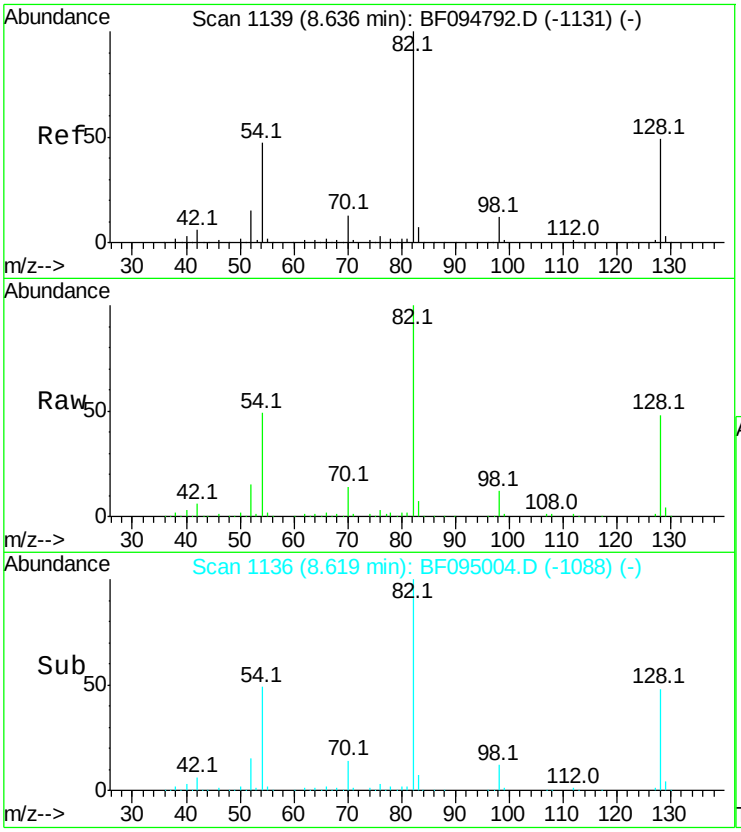


#22
Acetophenone
Concen: 47.01 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:105 Resp: 438204

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	22.8	30.7	46.1#
120	21.8	17.4	26.0

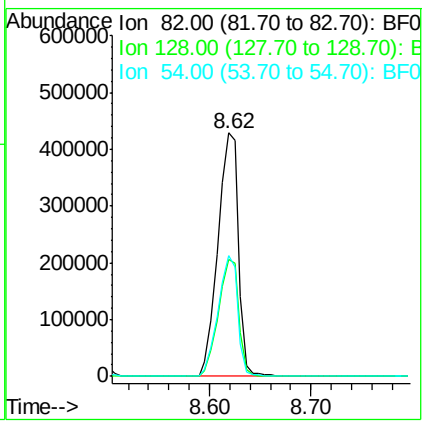




#23
Nitrobenzene-d5
Concen: 97.84 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 82 Resp: 602843

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	49.4	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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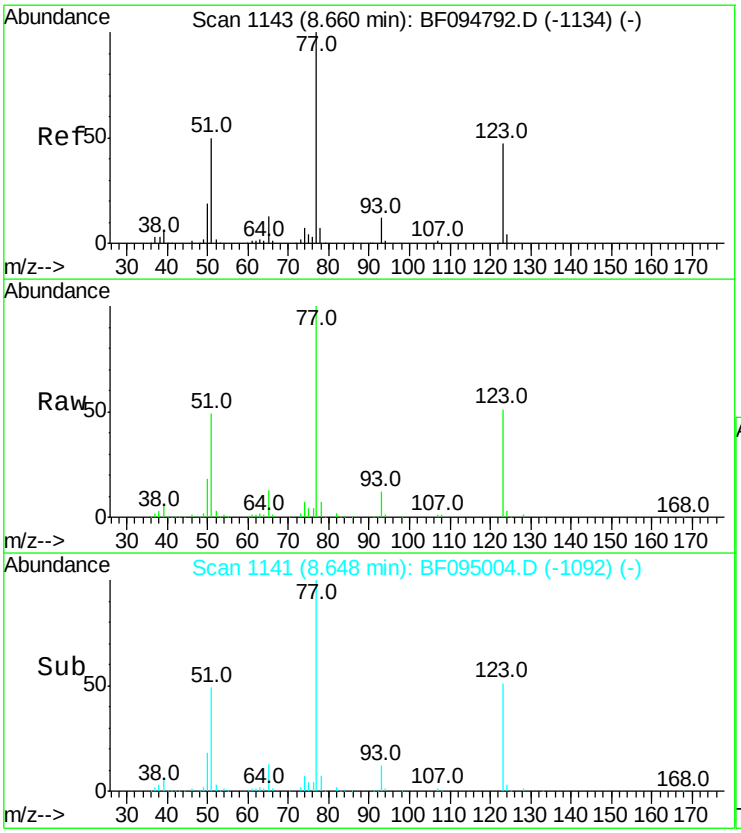
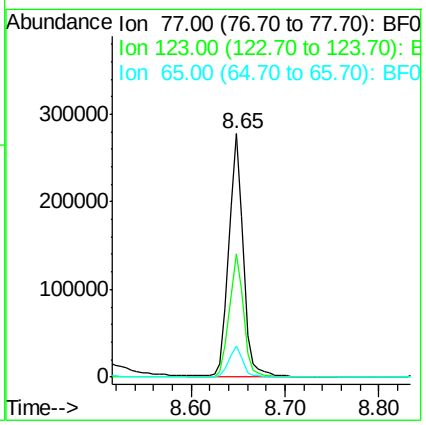
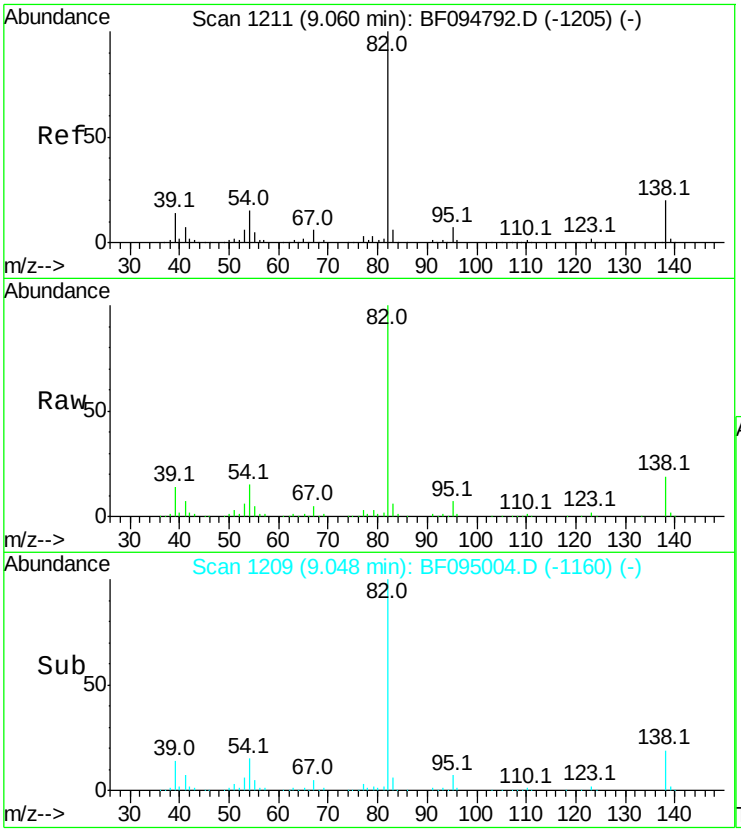


#24
Nitrobenzene
Concen: 45.98 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 77 Resp: 296986

Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	12.7	10.6	15.8

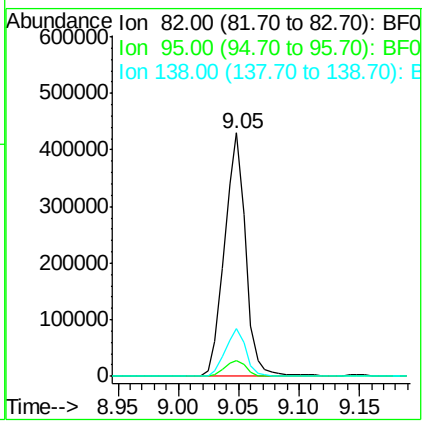




#25
Isophorone
Concen: 47.47 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 82 Resp: 522258

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	19.4	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
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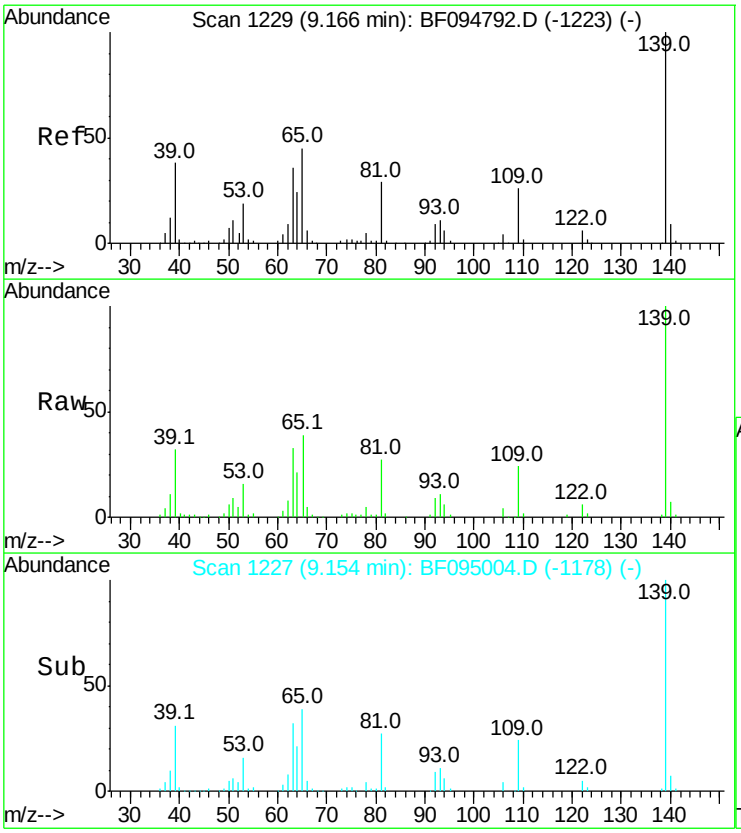
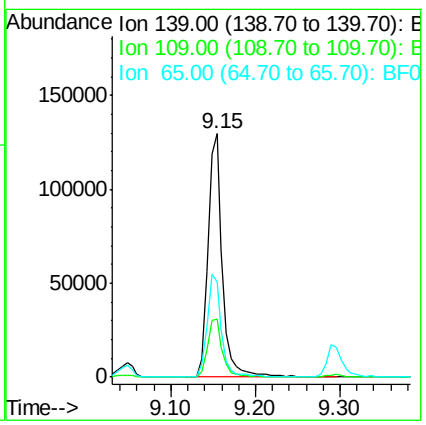
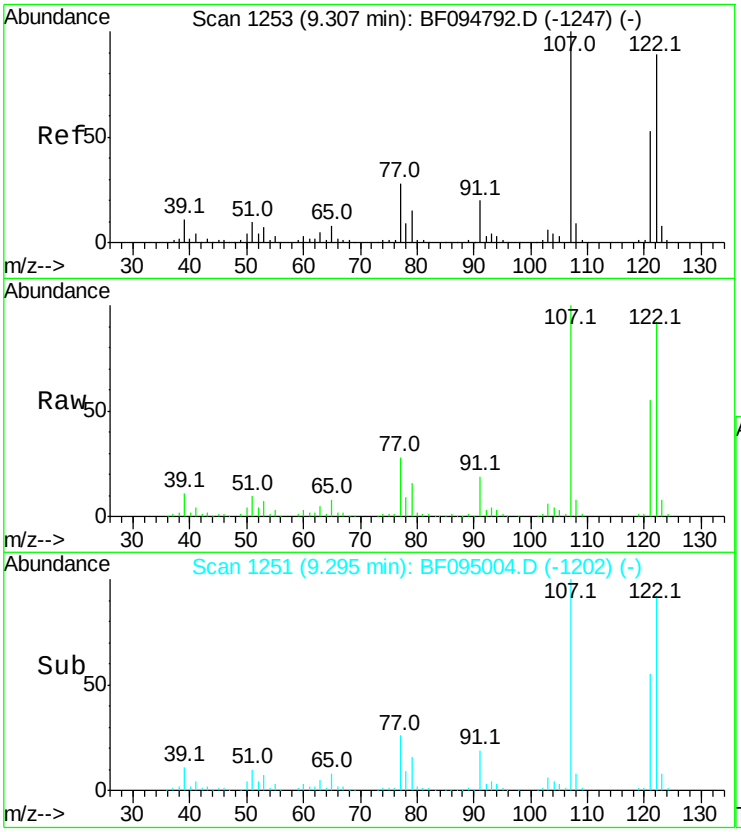


#26
2-Nitrophenol
Concen: 44.72 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:139 Resp: 155858

Ion	Ratio	Lower	Upper
139	100		
109	23.9	21.0	31.6
65	39.3	33.0	49.6

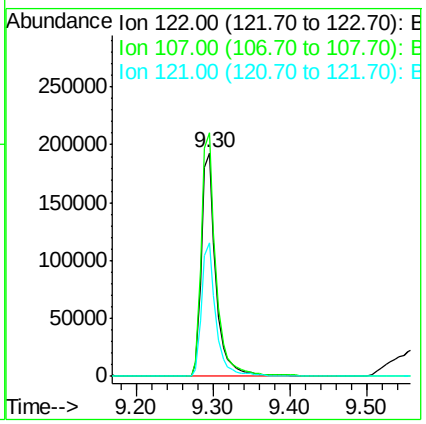




#27
2,4-Dimethylphenol
Concen: 44.93 ng
RT: 9.30 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:122 Resp: 253184

Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.2	133.8
121	59.9	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
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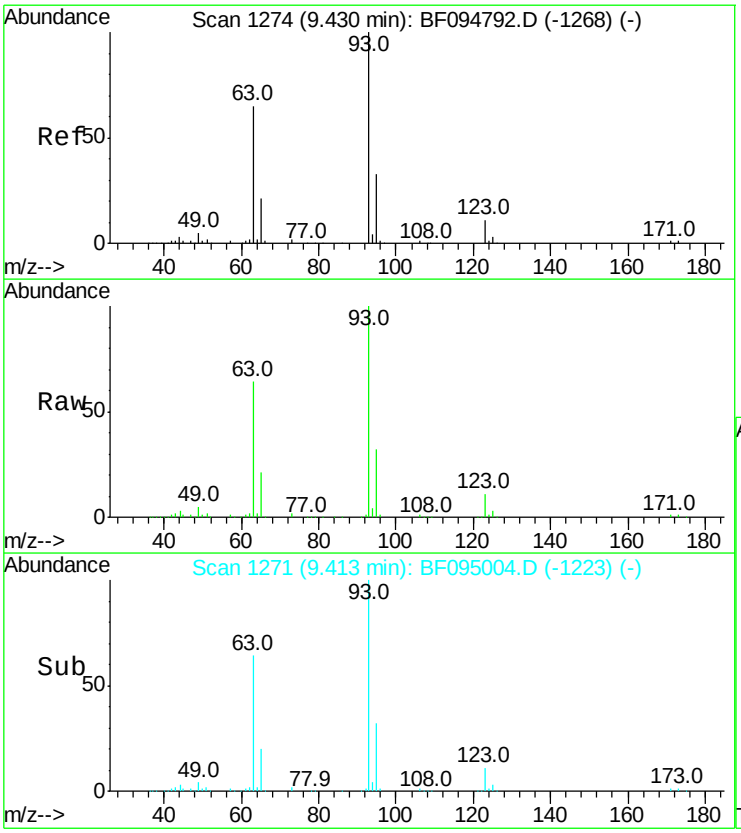
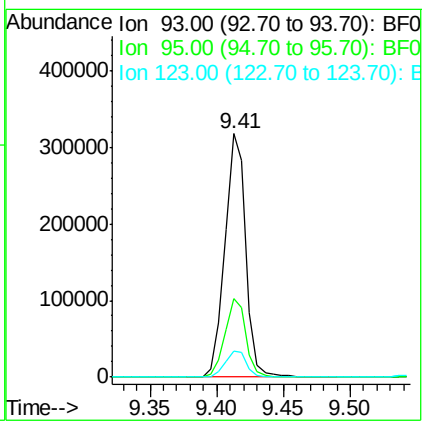
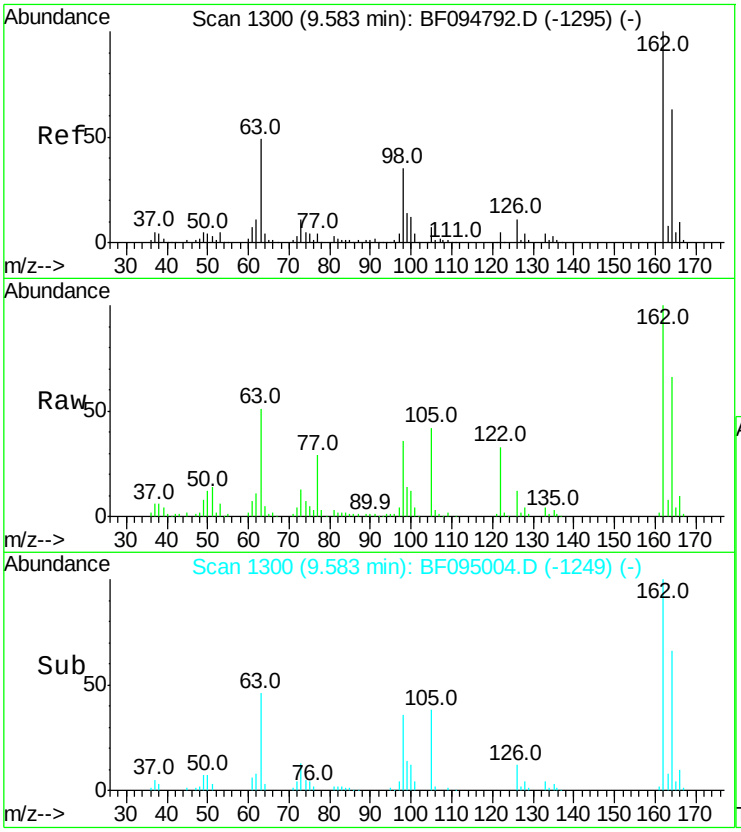


#28
bis(2-Chloroethoxy)methane
Concen: 46.09 ng
RT: 9.41 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 93 Resp: 350838

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.8	9.0	13.4

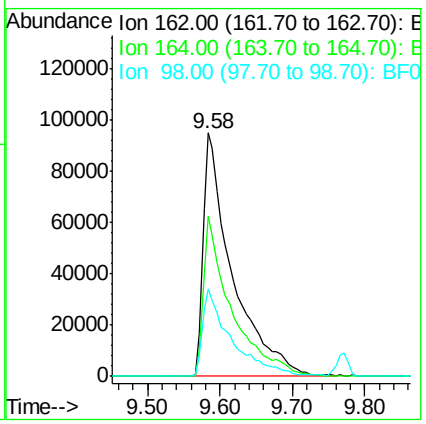




#29
2,4-Dichlorophenol
Concen: 49.41 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:162 Resp: 262892

Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.6	84.6
98	35.8	14.8	54.8



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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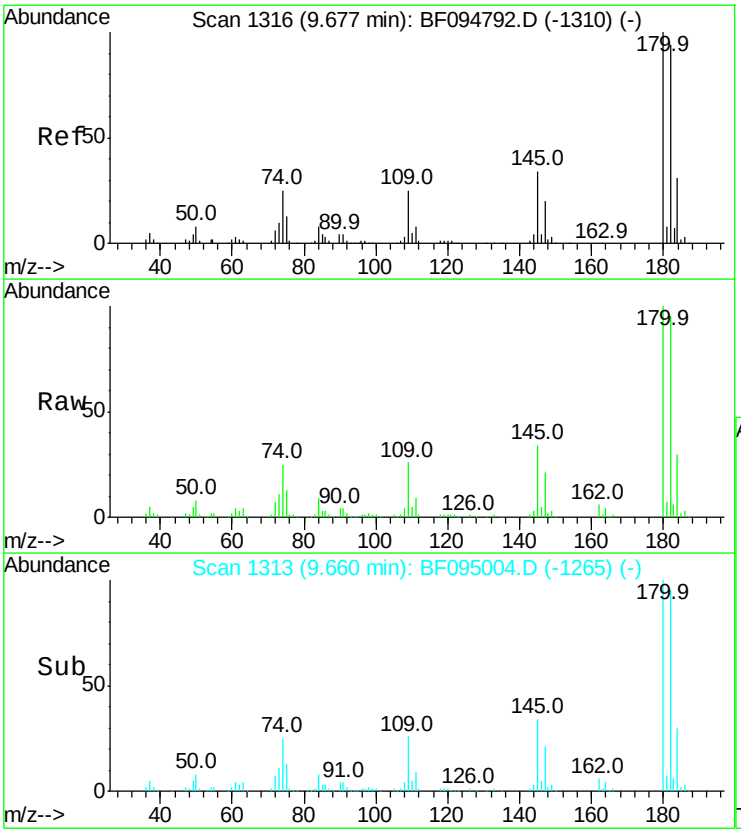
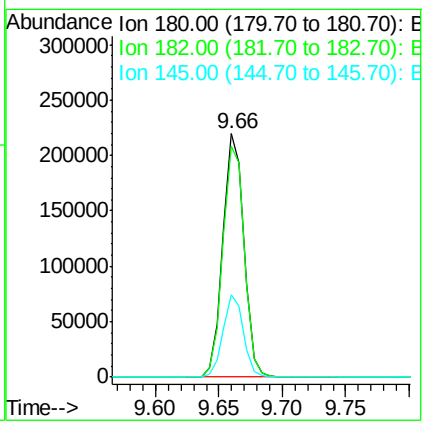
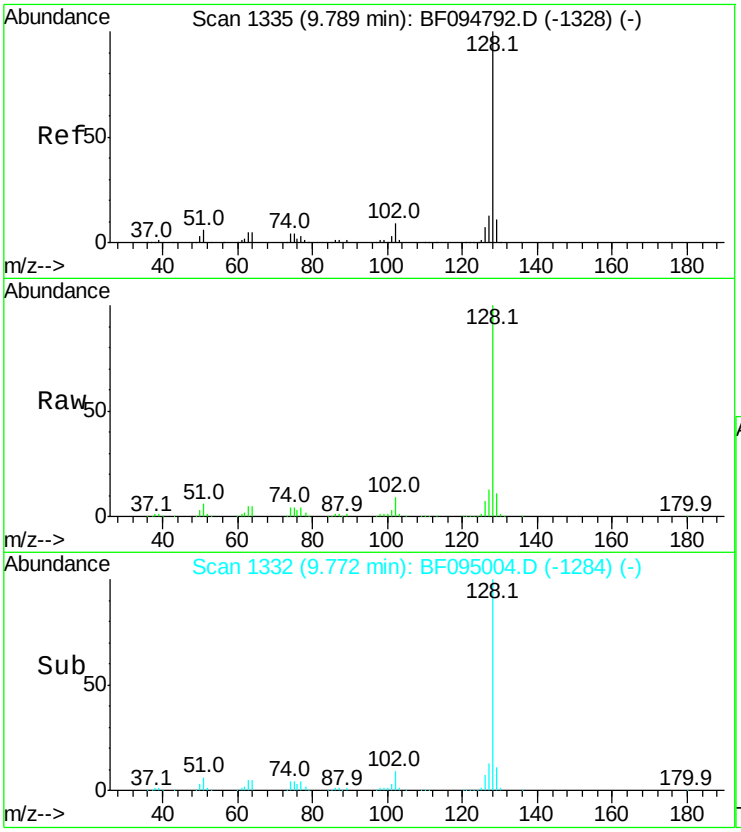


#30
1,2,4-Trichlorobenzene
Concen: 44.30 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:180 Resp: 252524

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	33.6	25.3	37.9

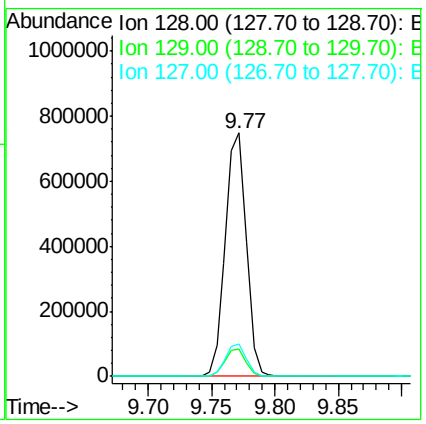




#31
Naphthalene
Concen: 43.80 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:128 Resp: 855274

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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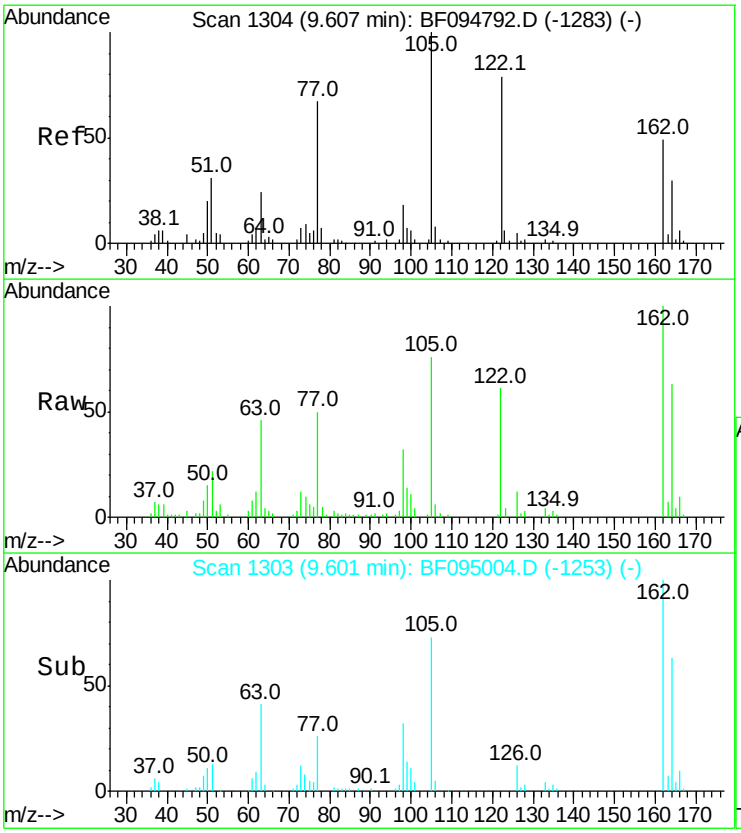
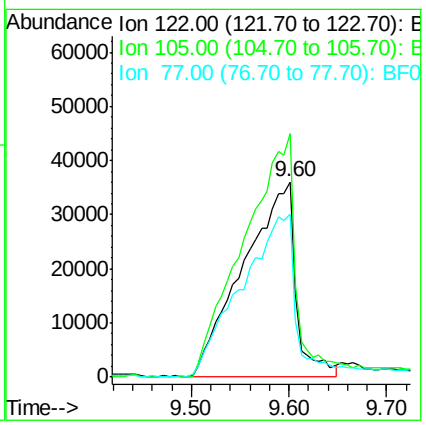
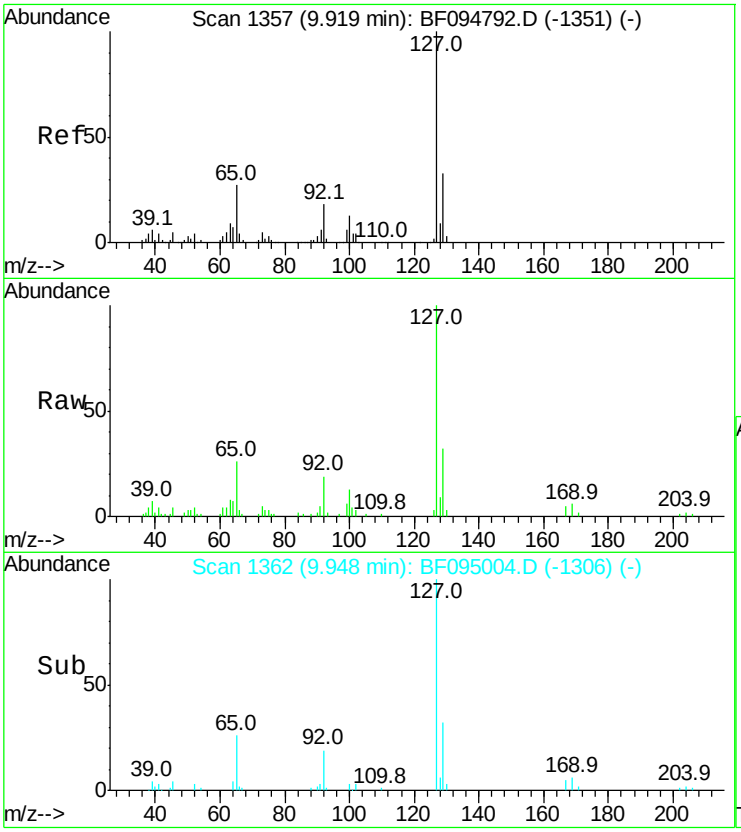


#32
Benzoic acid
Concen: 37.86 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:122 Resp: 135611

Ion	Ratio	Lower	Upper
122	100		
105	124.7	103.3	143.3
77	83.3	73.7	113.7

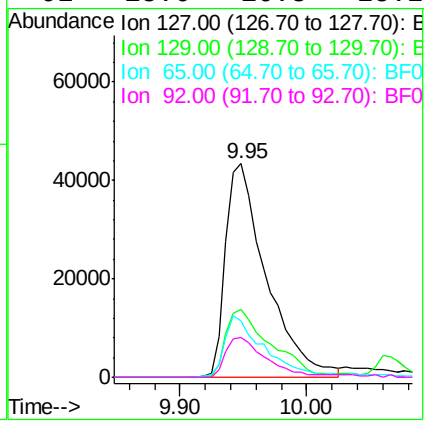




#33
4-Chloroaniline
Concen: 13.33 ng
RT: 9.95 min Scan# 1362
Delta R.T. 0.03 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:127 Resp: 96982

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	26.3	27.8	41.8#
92	18.6	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
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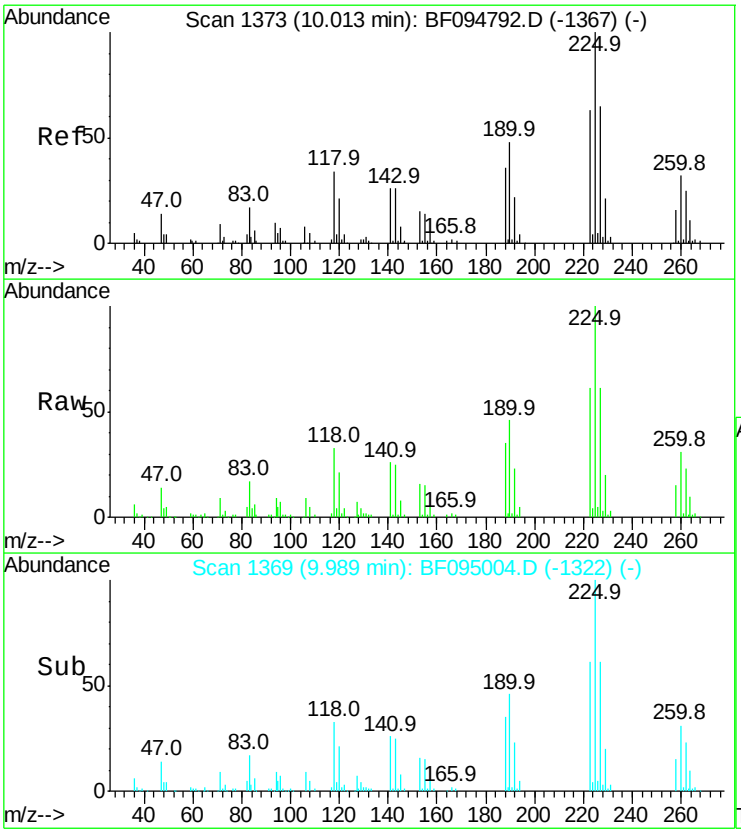
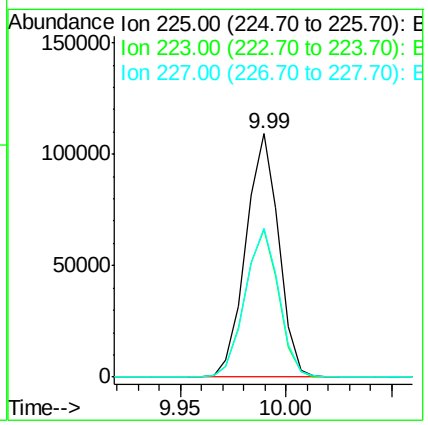
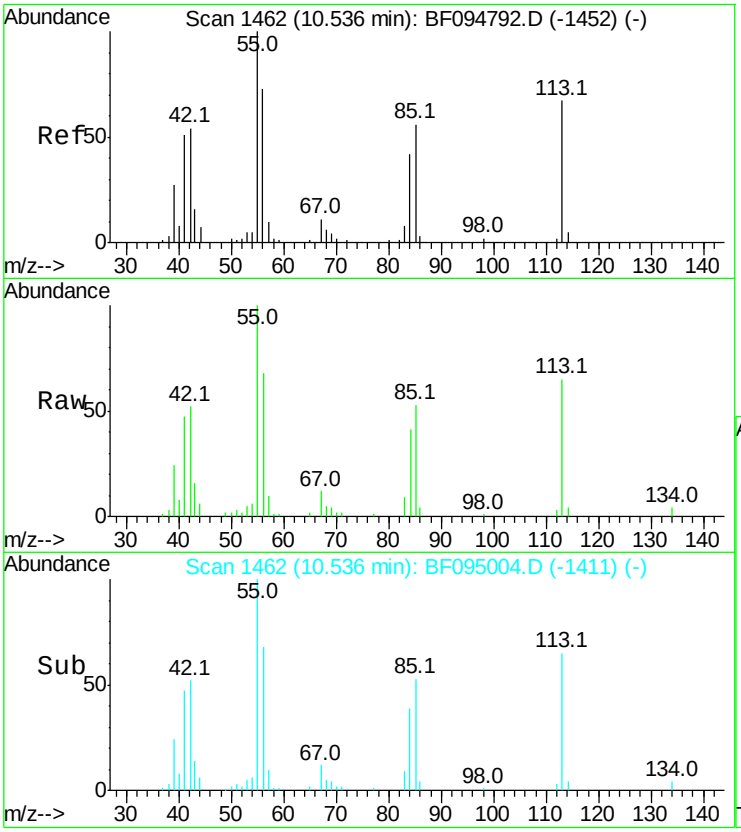


#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:225 Resp: 118011

Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	61.3	51.1	76.7

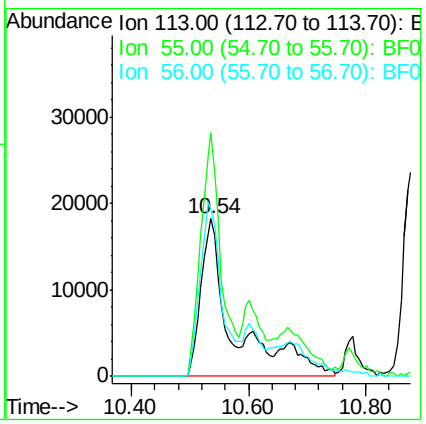




#35
Caprolactam
Concen: 44.55 ng m
RT: 10.54 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:113 Resp: 71163

Ion	Ratio	Lower	Upper
113	100		
55	154.8	150.2	190.2
56	105.9	107.8	147.8#



Instrument :
BNA_F
ClientSampleId :
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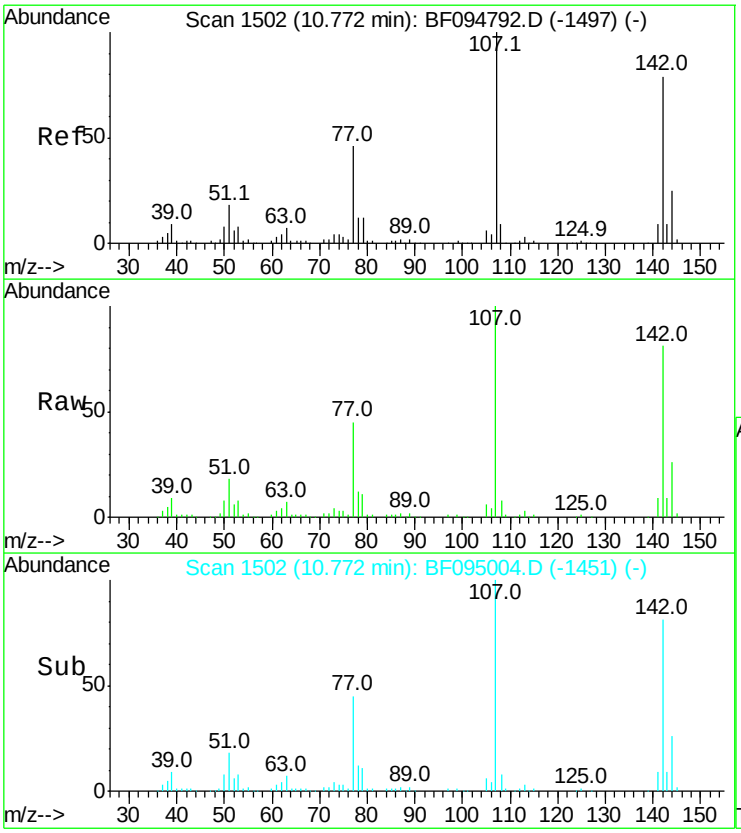
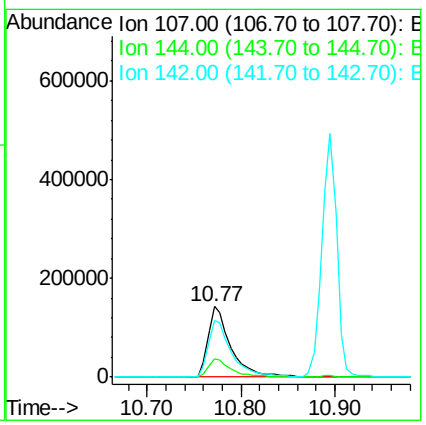
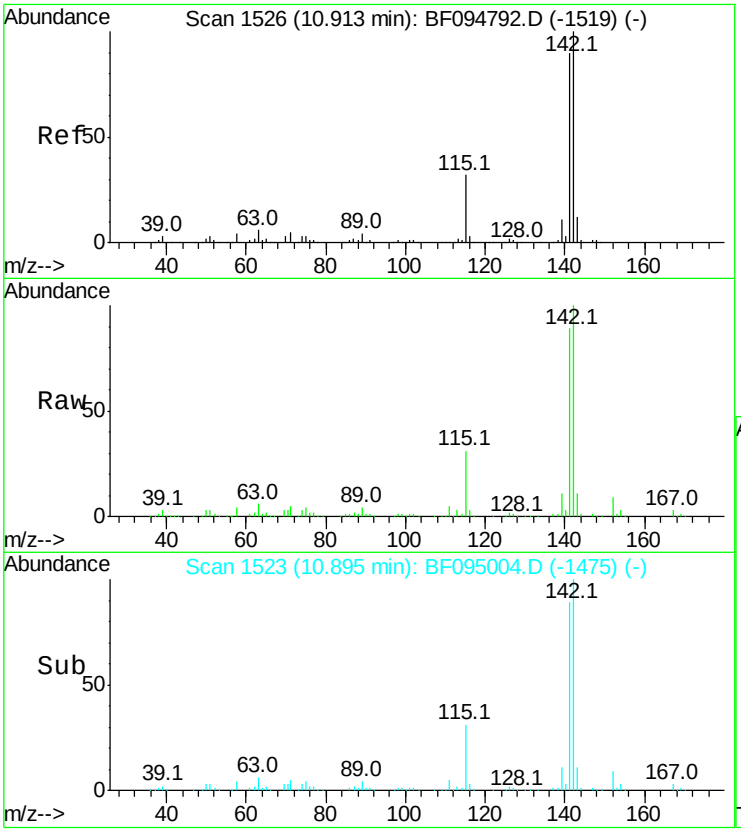


#36
4-Chloro-3-methylphenol
Concen: 42.88 ng
RT: 10.77 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:107 Resp: 243934

Ion	Ratio	Lower	Upper
107	100		
144	26.0	24.2	36.4
142	80.6	73.4	110.0

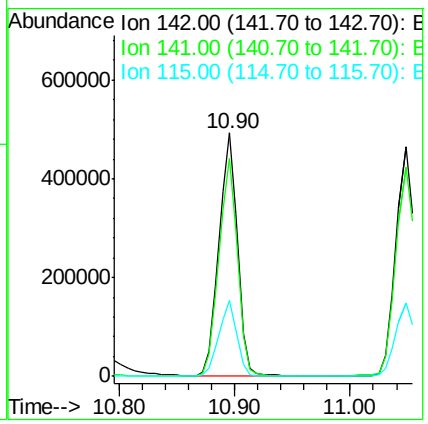




#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:142 Resp: 550568

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.3	27.1	40.7



Instrument :
BNA_F
ClientSampleId :
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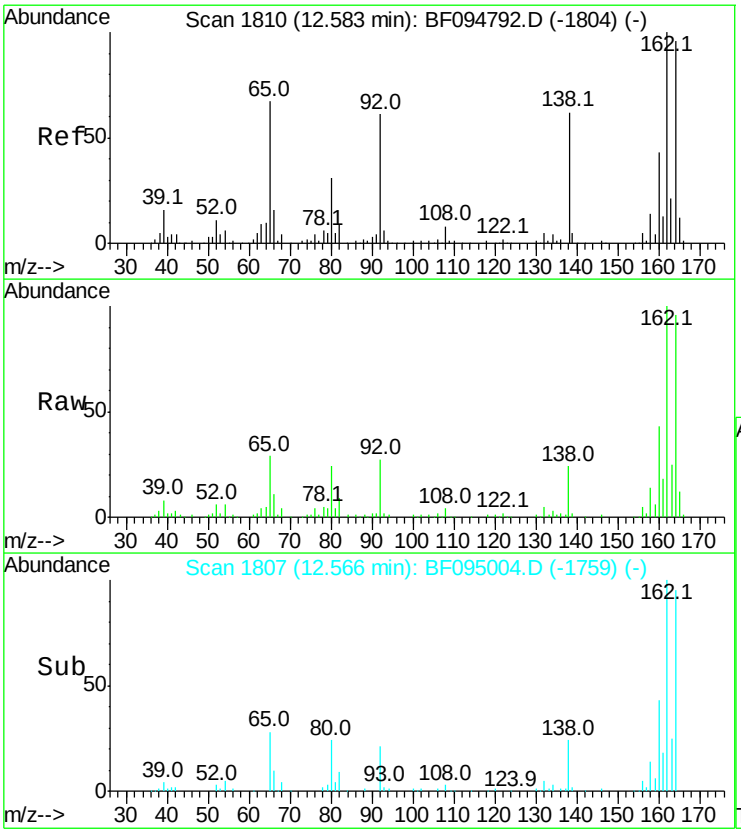
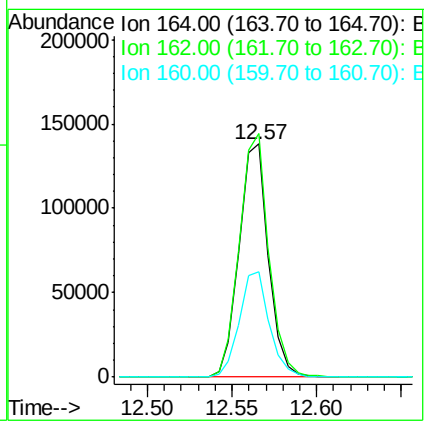
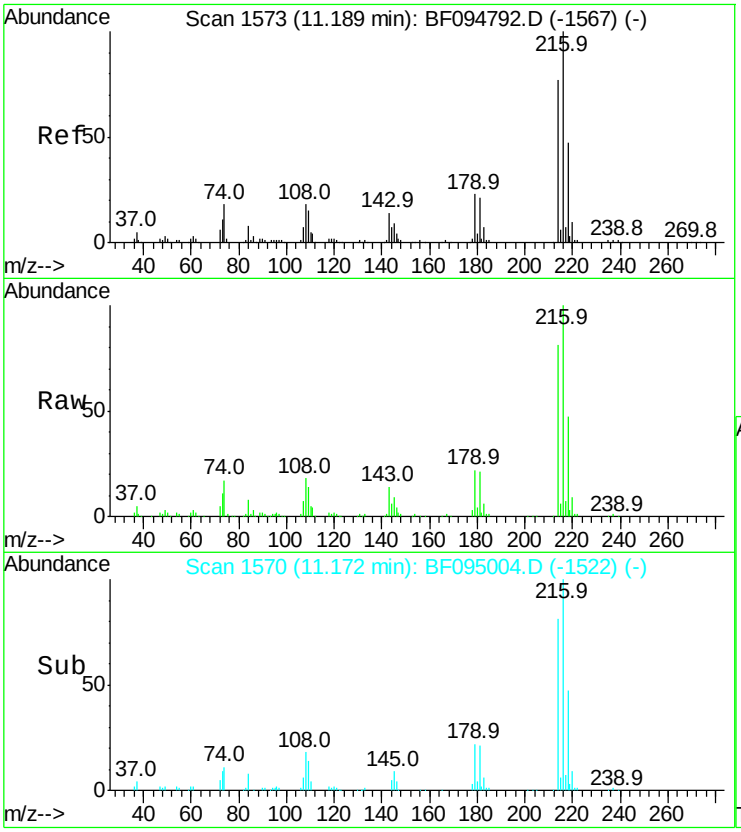


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:164 Resp: 166613

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.2	36.2	54.2

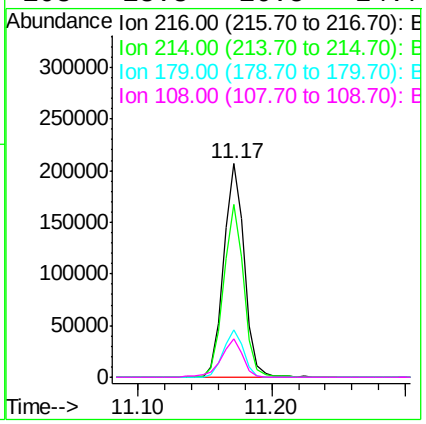




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.89 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:216 Resp: 224878

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.9	17.9	26.9
108	18.8	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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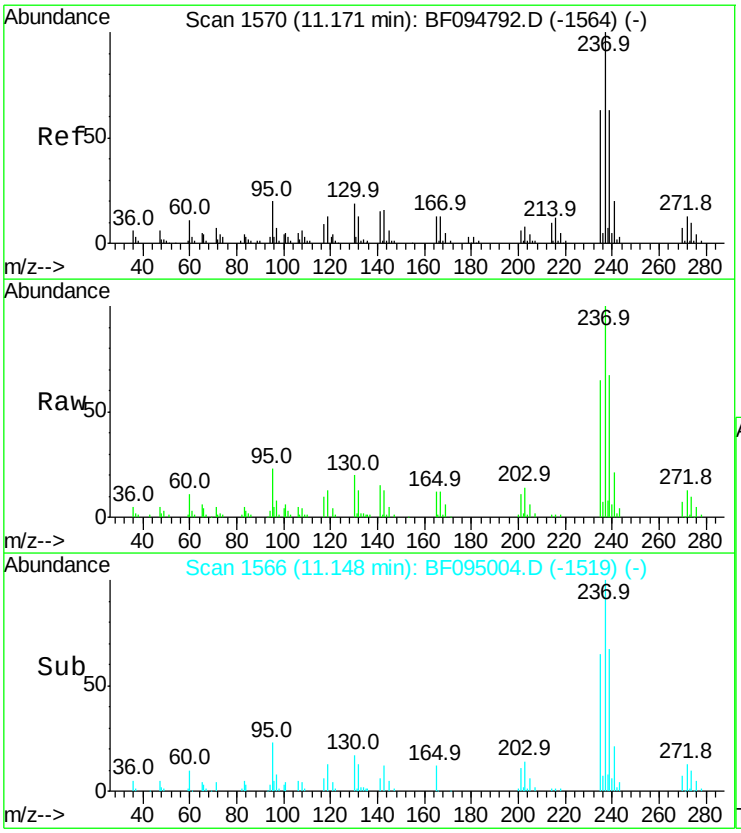
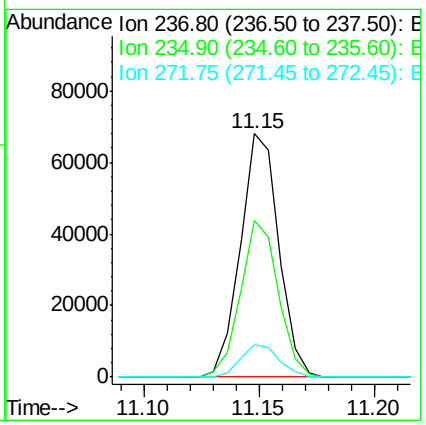
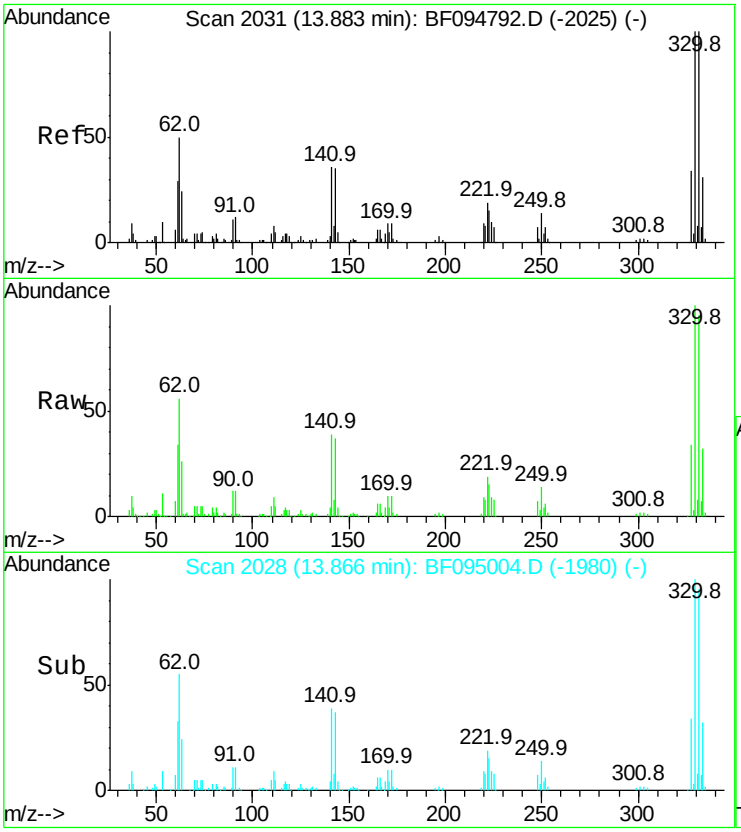


#40
Hexachlorocyclopentadiene
Concen: 40.08 ng
RT: 11.15 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:237 Resp: 79295

Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	13.1	0.0	31.9

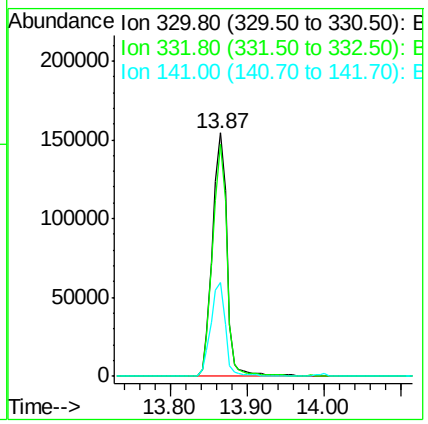




#41
2,4,6-Tribromophenol
Concen: 146.62 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:330 Resp: 200061

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	38.6	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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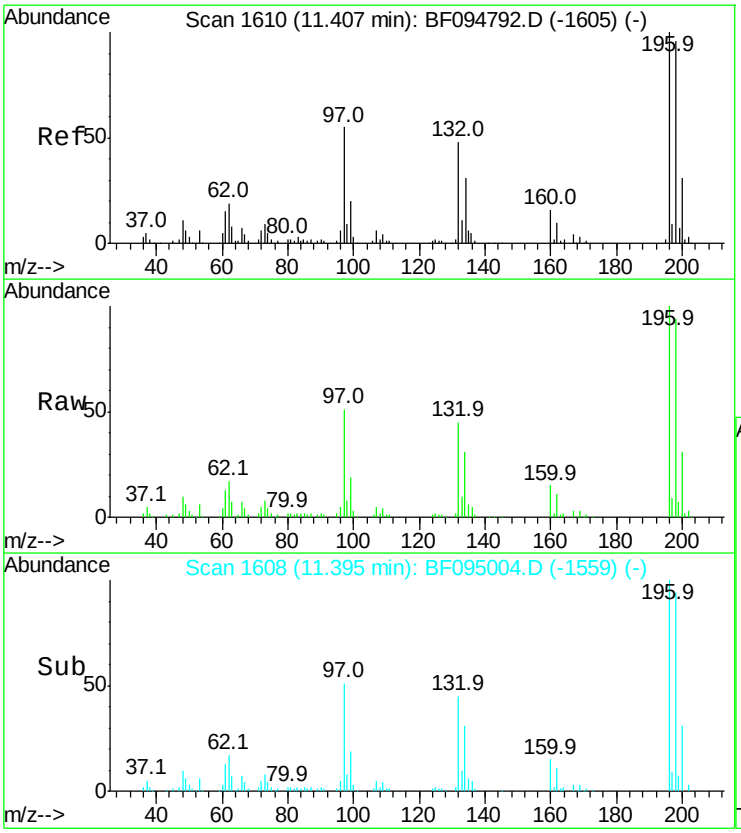
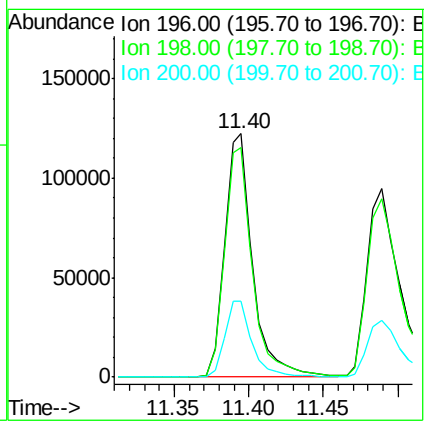
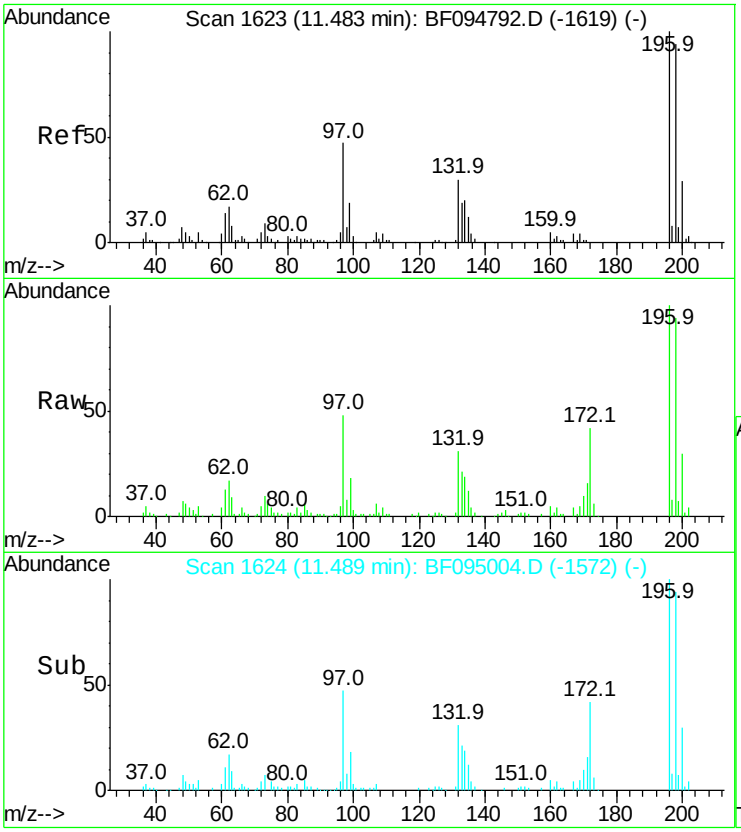


#42
2,4,6-Trichlorophenol
Concen: 47.11 ng
RT: 11.40 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:196 Resp: 161168

Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
200	30.9	24.0	36.0

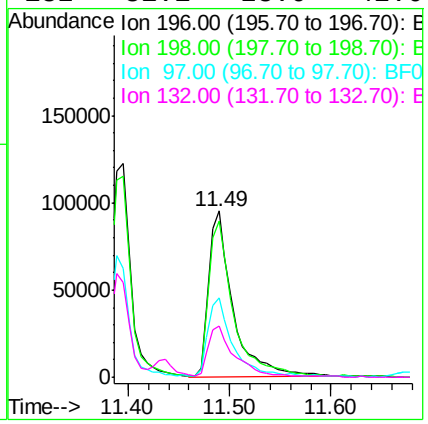




#43
2,4,5-Trichlorophenol
Concen: 42.41 ng
RT: 11.49 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:196 Resp: 155927

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	47.7	47.7	71.5
132	31.1	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
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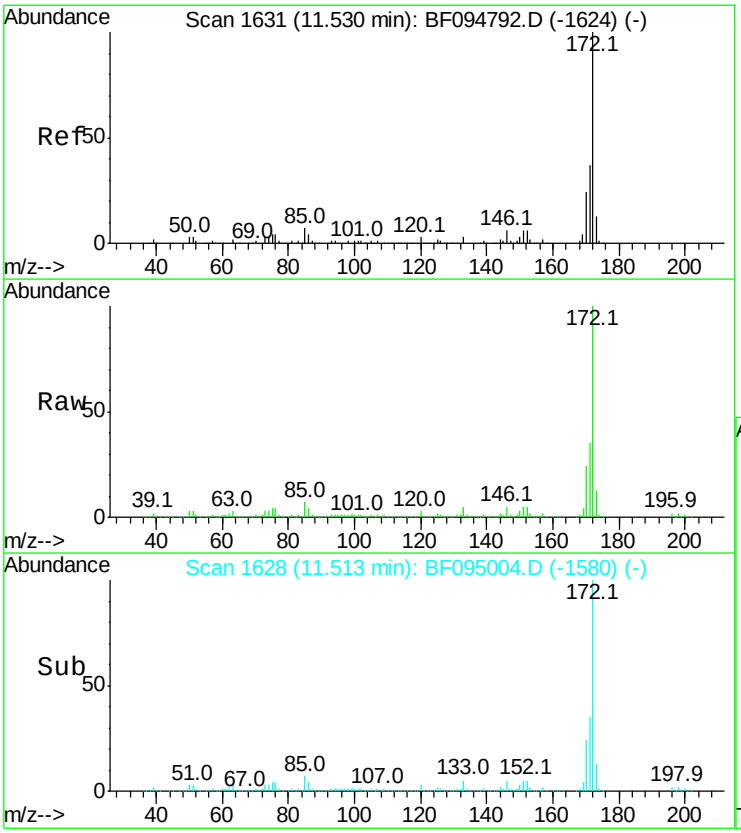
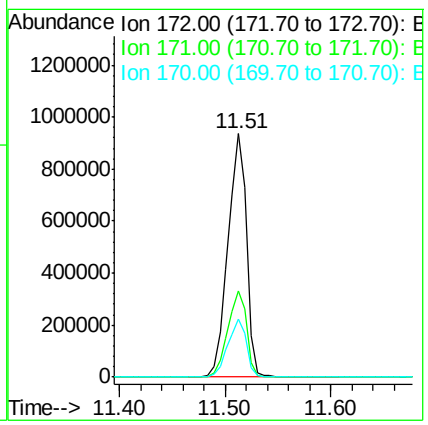
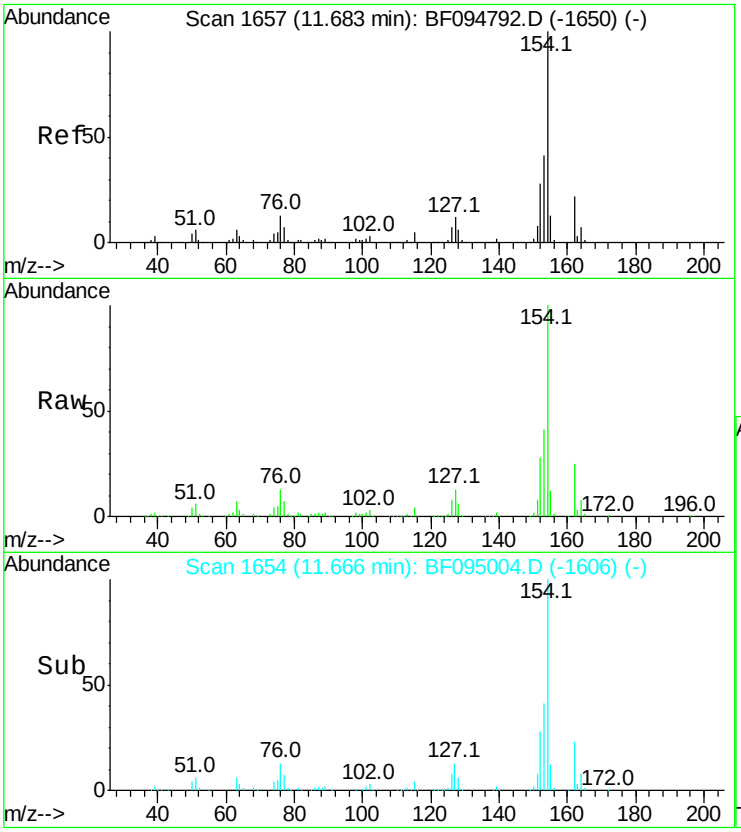


#44
2-Fluorobiphenyl
Concen: 97.66 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:172 Resp: 1130492

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8

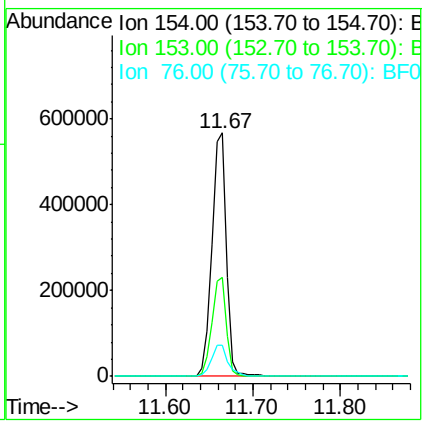




#45
1,1'-Biphenyl
Concen: 46.43 ng
RT: 11.67 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:154 Resp: 651282

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	13.0	0.0	29.9



Instrument :
BNA_F
ClientSampleId :
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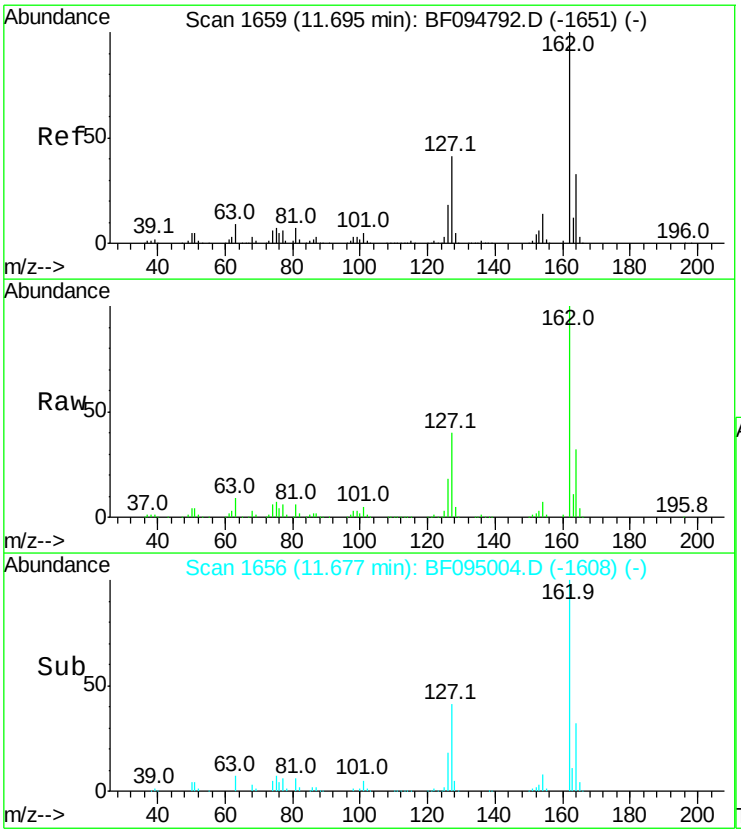
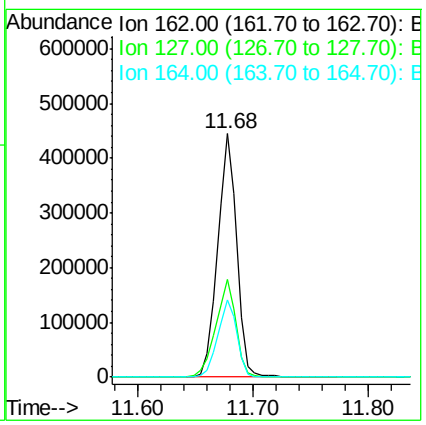
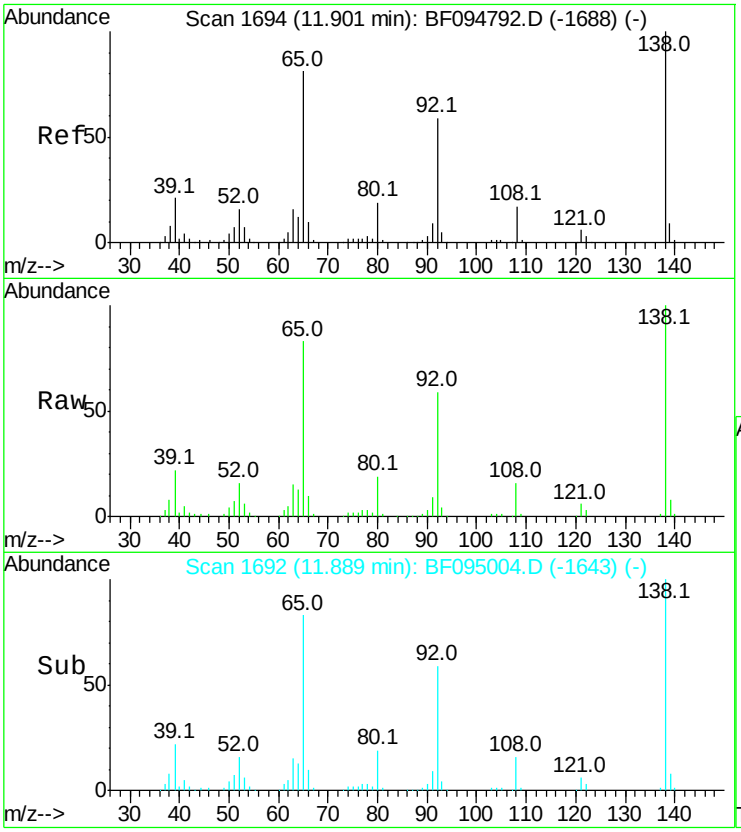


#46
2-Chloronaphthalene
Concen: 44.80 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:162 Resp: 507411

Ion	Ratio	Lower	Upper
162	100		
127	40.2	28.3	42.5
164	31.9	27.0	40.4

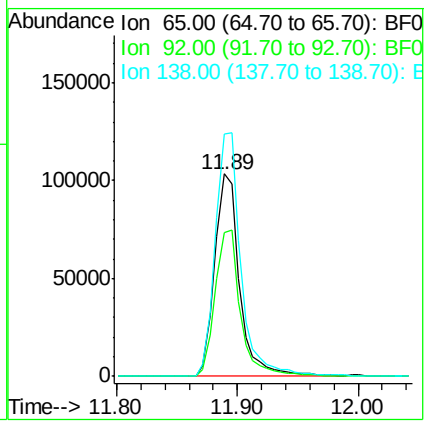




#47
2-Nitroaniline
Concen: 47.64 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 65 Resp: 147700

Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.9	80.9
138	119.9	78.8	118.2#



Instrument :
BNA_F
ClientSampleId :
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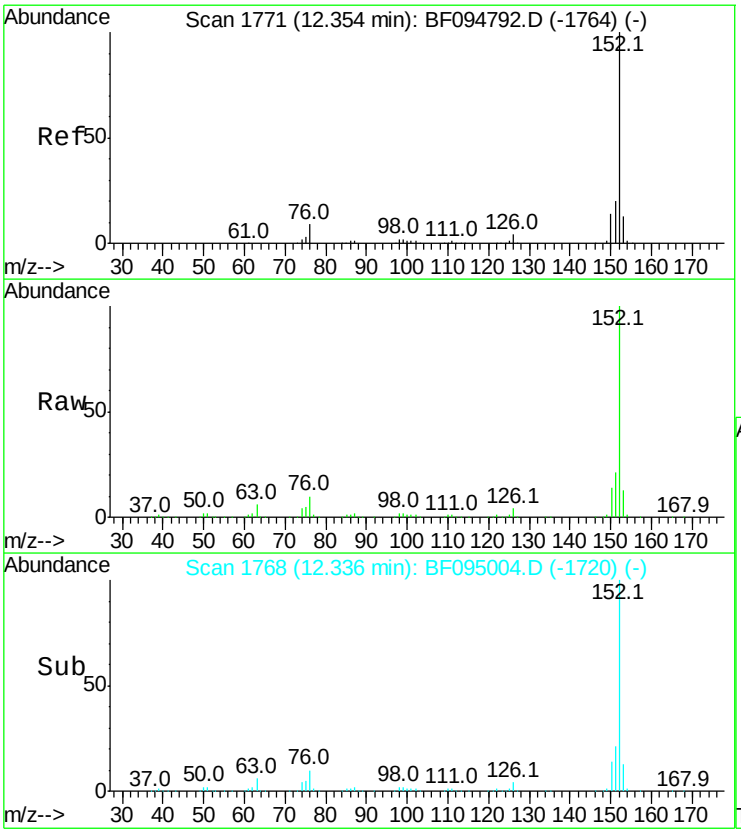
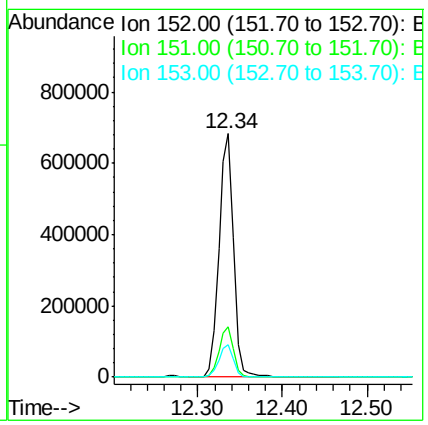
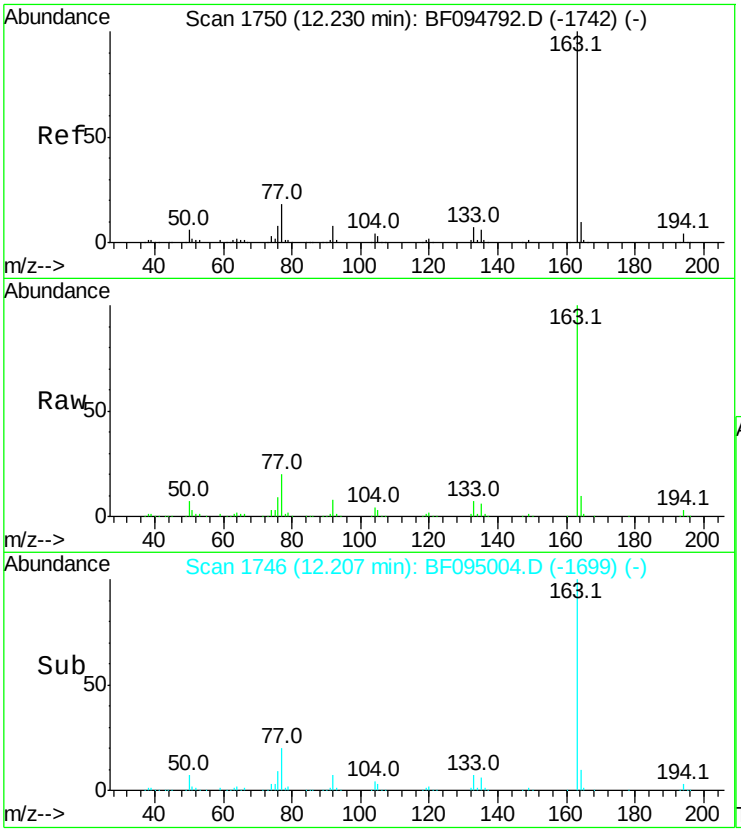


#48
Acenaphthylene
Concen: 46.75 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:152 Resp: 829374

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.1	10.8	16.2

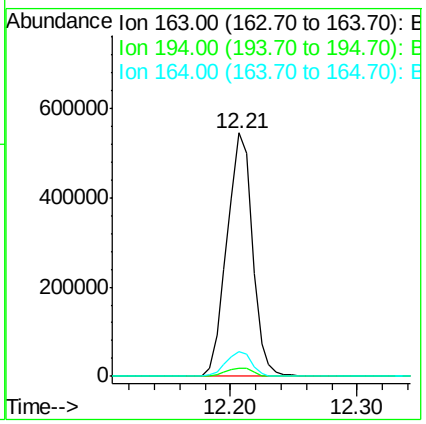




#49
Dimethylphthalate
Concen: 55.54 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:163 Resp: 759633

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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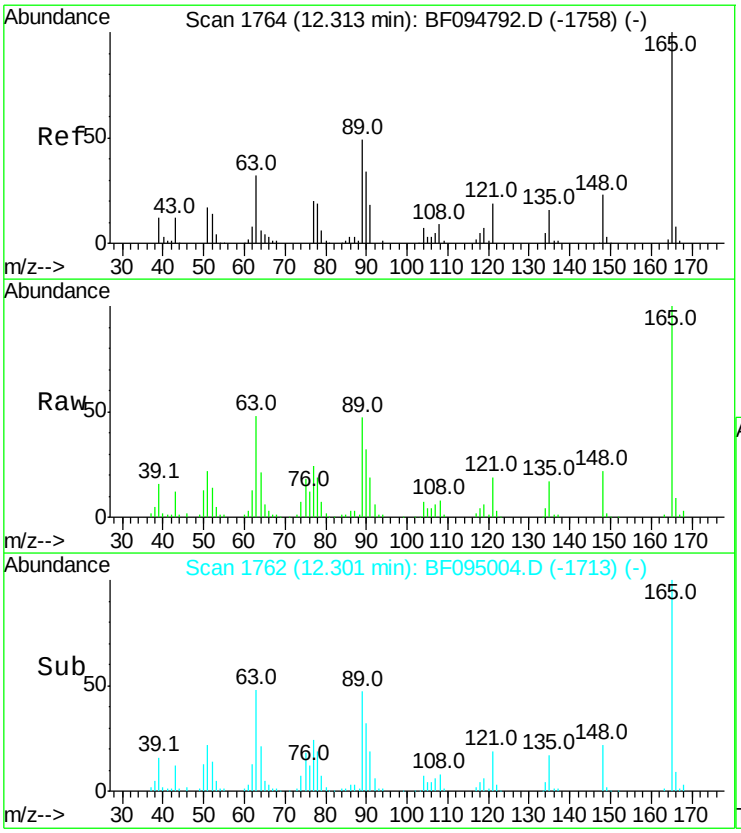
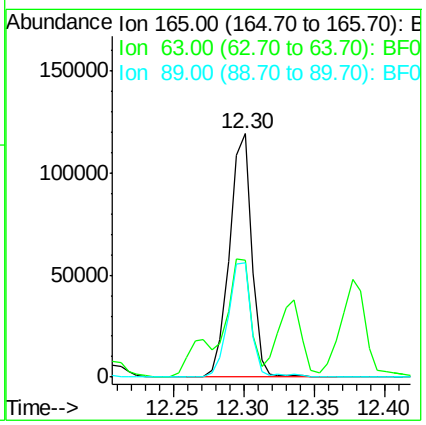
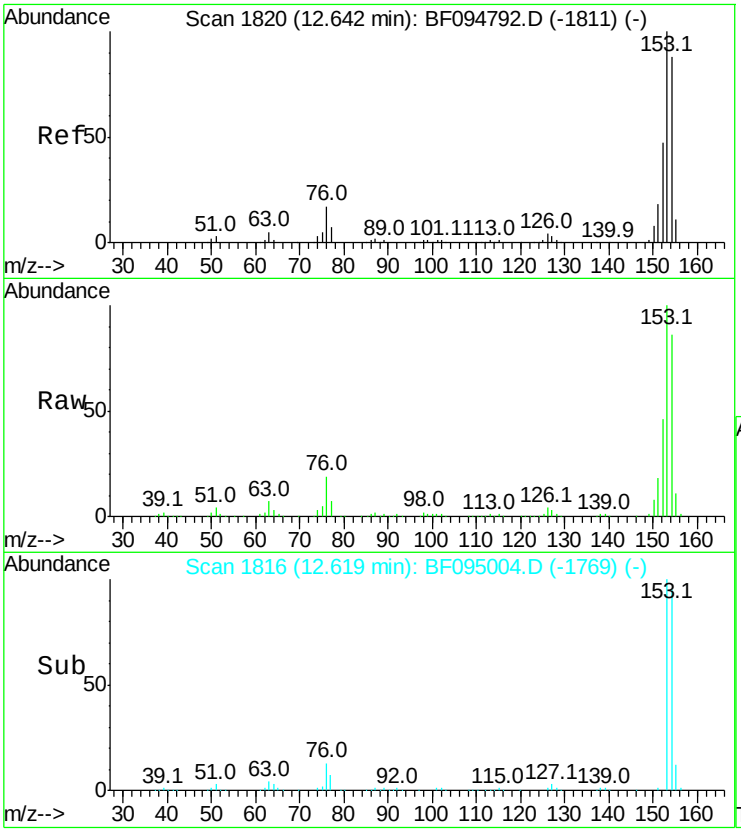


#50
2,6-Dinitrotoluene
Concen: 46.99 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:165 Resp: 131131

Ion	Ratio	Lower	Upper
165	100		
63	47.9	34.3	51.5
89	47.0	37.1	55.7

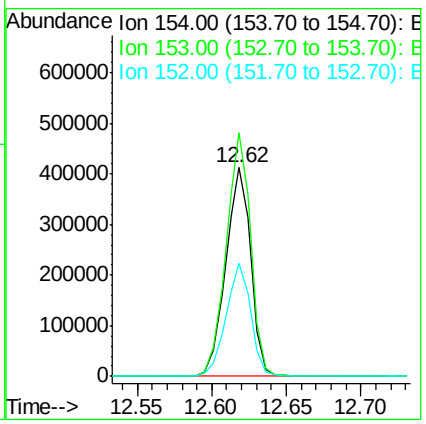




#51
Acenaphthene
Concen: 45.93 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:154 Resp: 486673

Ion	Ratio	Lower	Upper
154	100		
153	116.6	90.5	135.7
152	54.2	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
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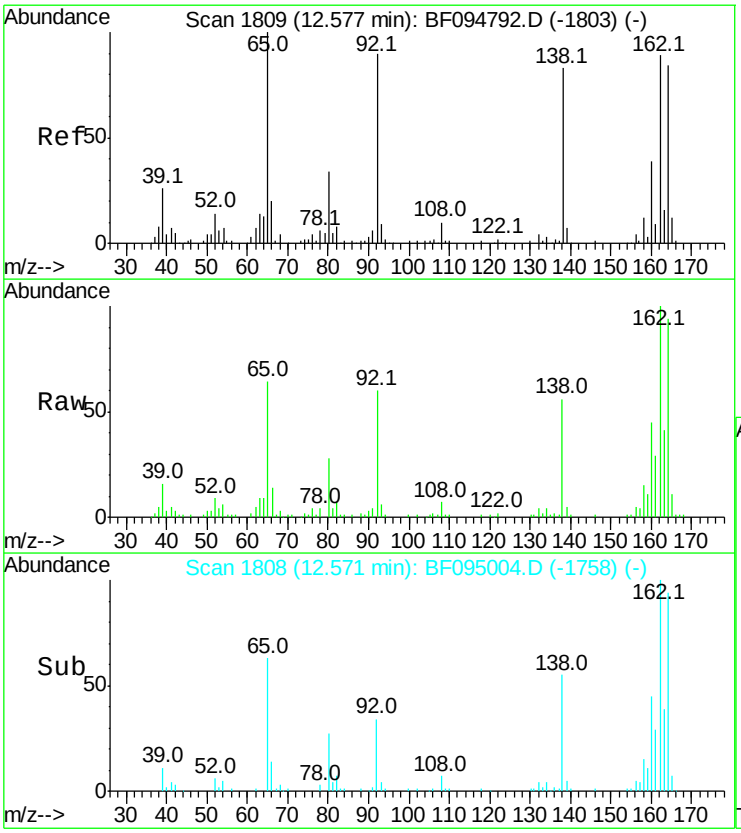
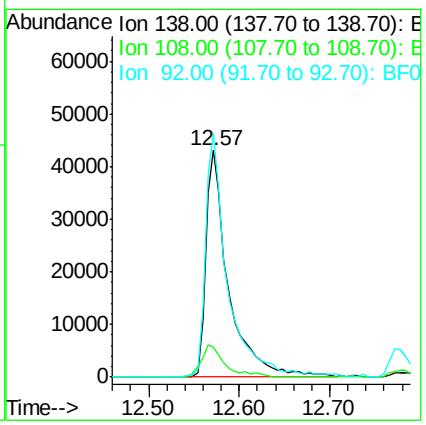
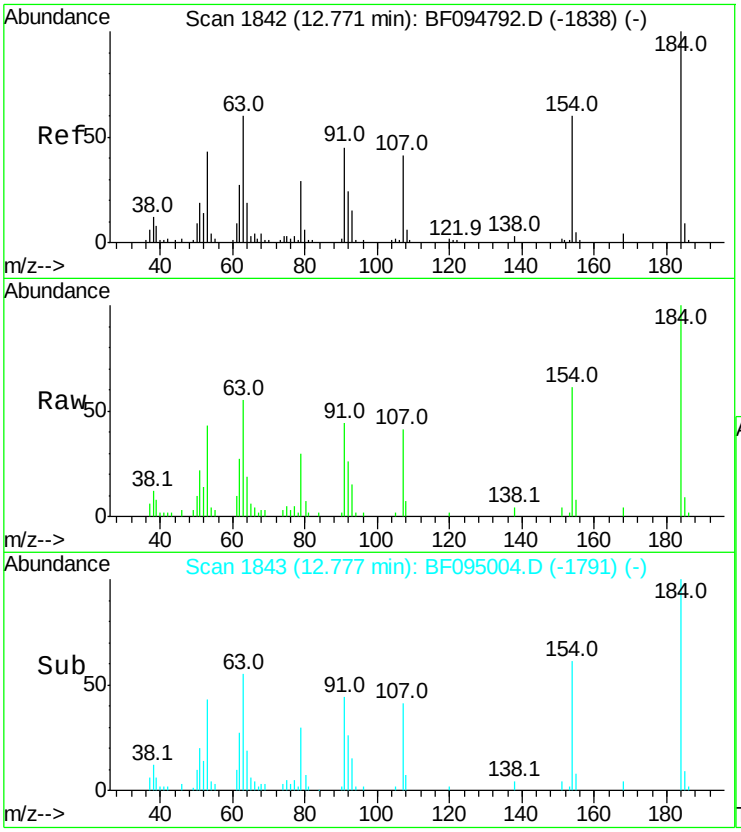


#52
3-Nitroaniline
Concen: 25.05 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:138 Resp: 75035

Ion	Ratio	Lower	Upper
138	100		
108	13.2	9.1	13.7
92	107.4	93.8	140.6





#53
2,4-Dinitrophenol
Concen: 34.29 ng
RT: 12.78 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:184 Resp: 46748

Ion	Ratio	Lower	Upper
184	100		
63	55.1	62.7	94.1#
154	61.3	81.1	121.7#

Instrument :
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ClientSampleId :
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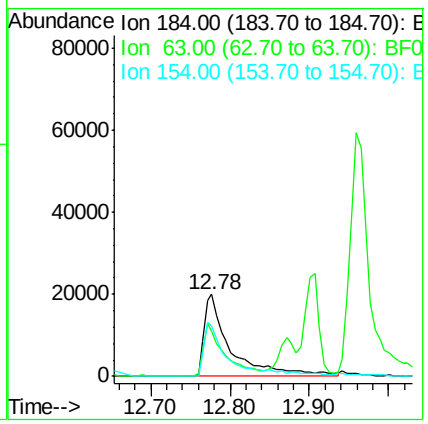
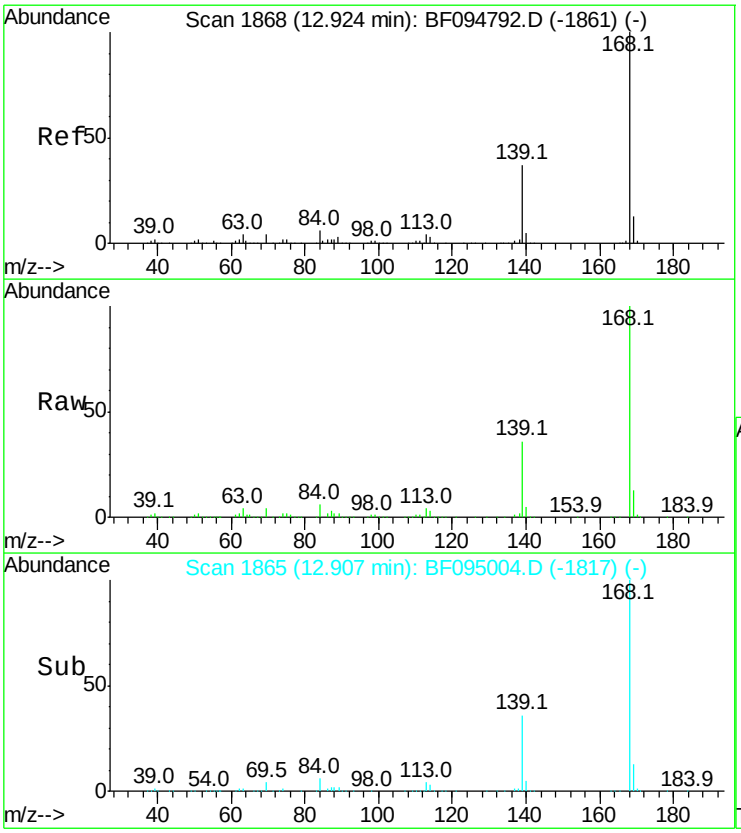
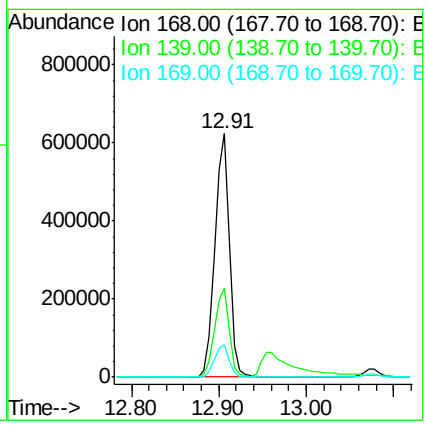


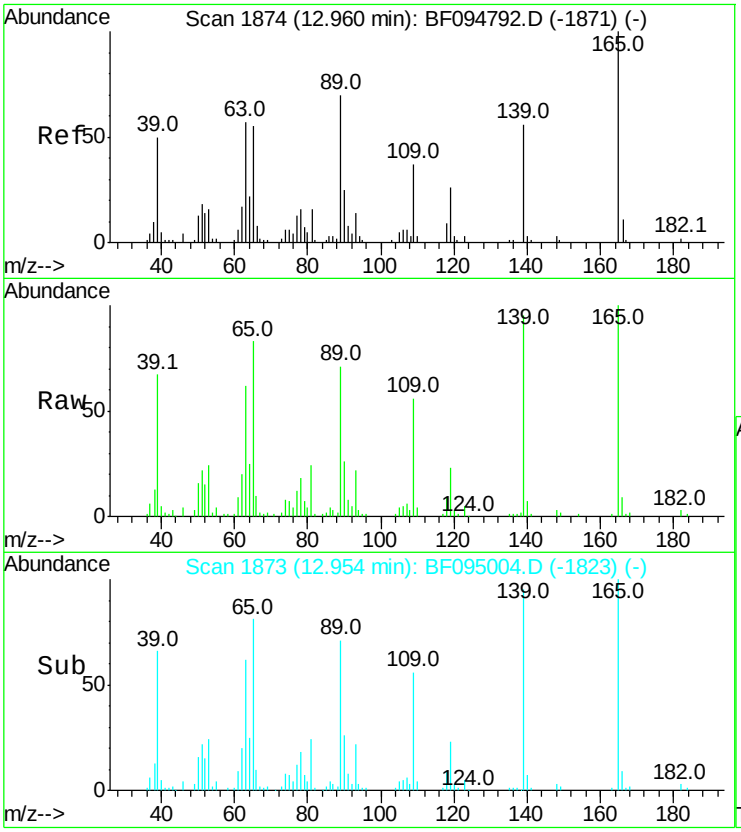


#54
Dibenzofuran
Concen: 49.38 ng
RT: 12.91 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:168 Resp: 724129

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.5	10.8	16.2

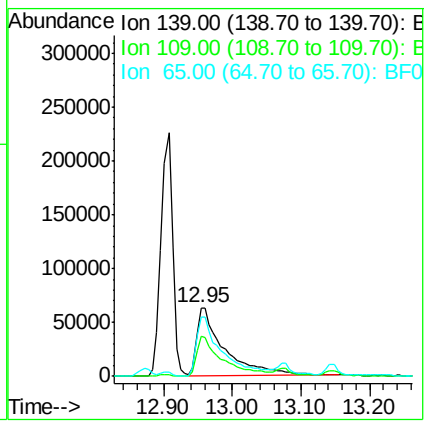




#55
4-Nitrophenol
Concen: 98.14 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:139 Resp: 176535

Ion	Ratio	Lower	Upper
139	100		
109	58.4	34.1	74.1
65	87.0	31.4	71.4#



Instrument :
BNA_F
ClientSampleId :
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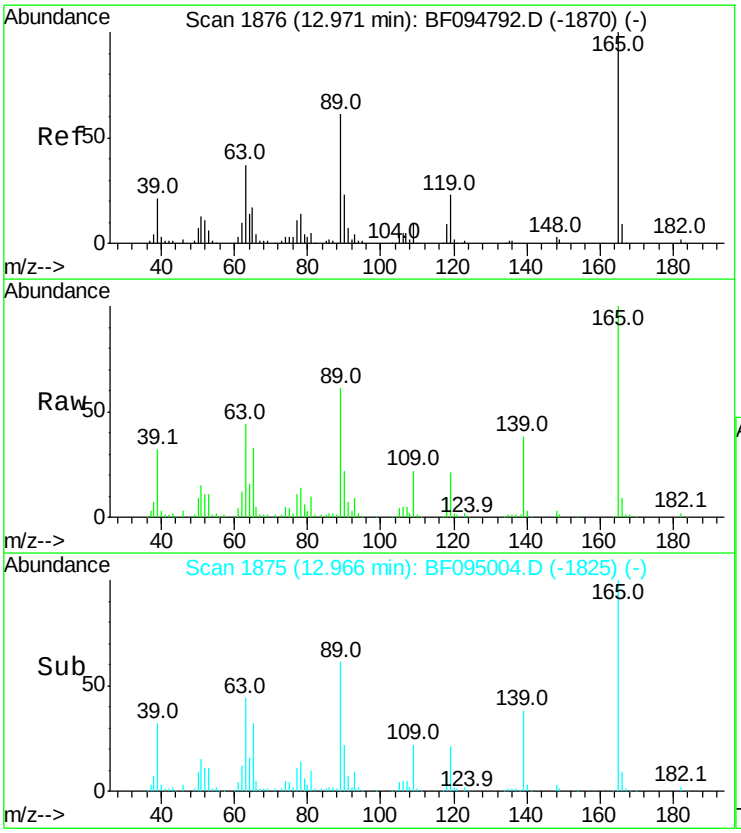
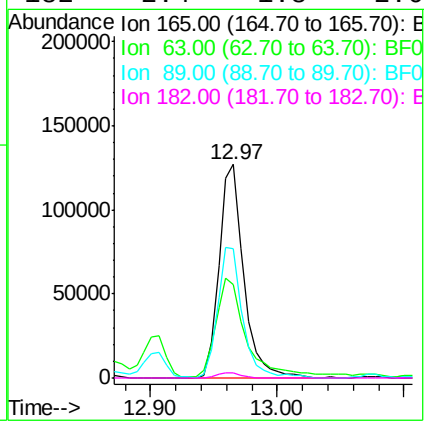
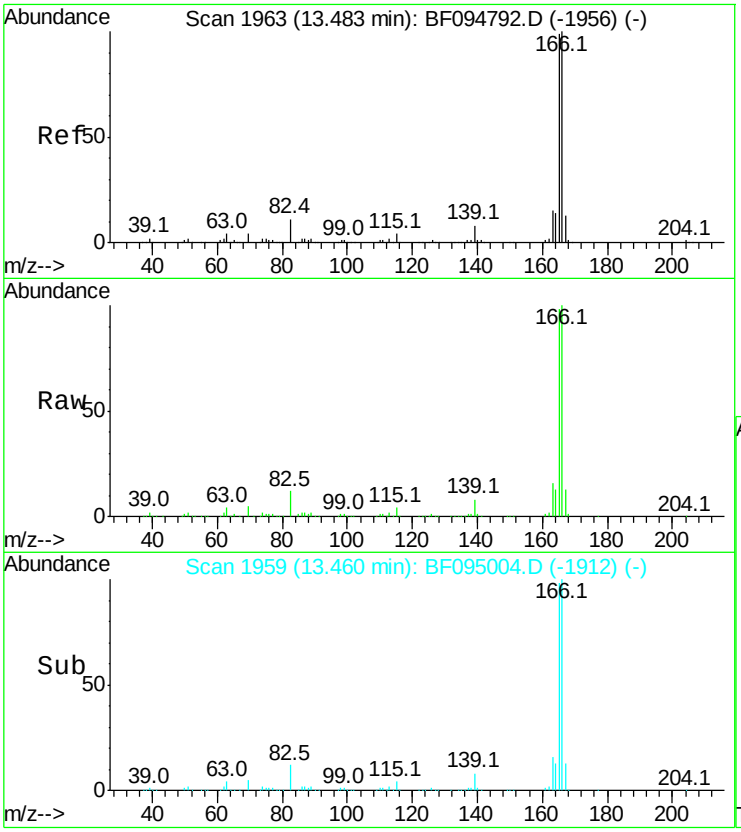


#56
2,4-Dinitrotoluene
Concen: 47.99 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:165 Resp: 172093

Ion	Ratio	Lower	Upper
165	100		
63	43.9	25.4	38.0#
89	60.8	46.4	69.6
182	2.4	1.8	2.6

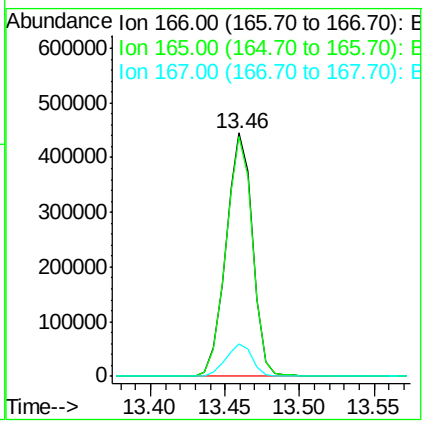




#57
Fluorene
Concen: 43.62 ng
RT: 13.46 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:166 Resp: 556163

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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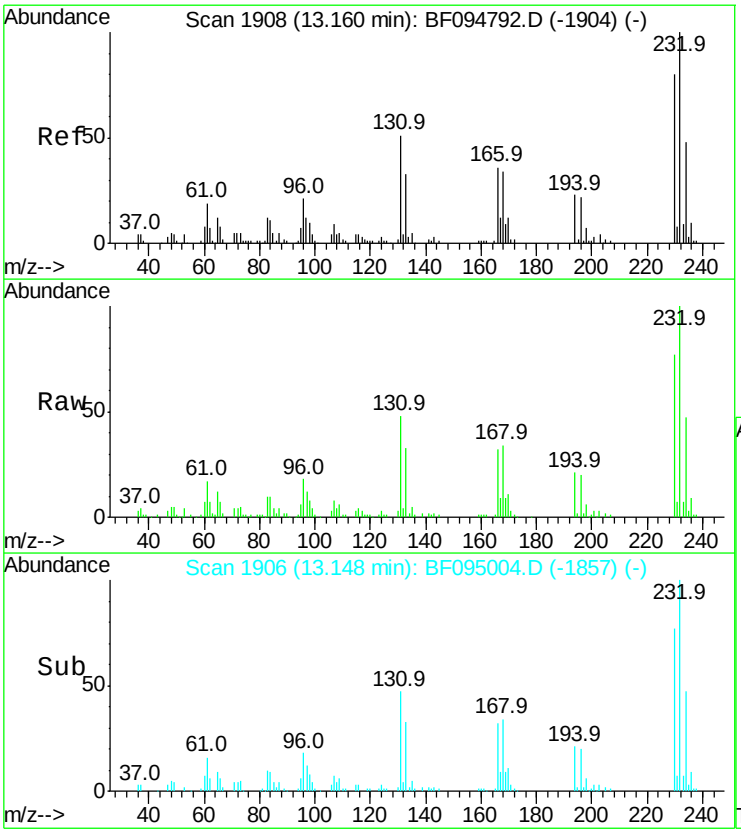
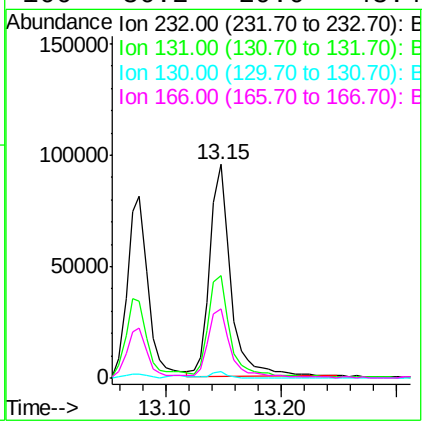
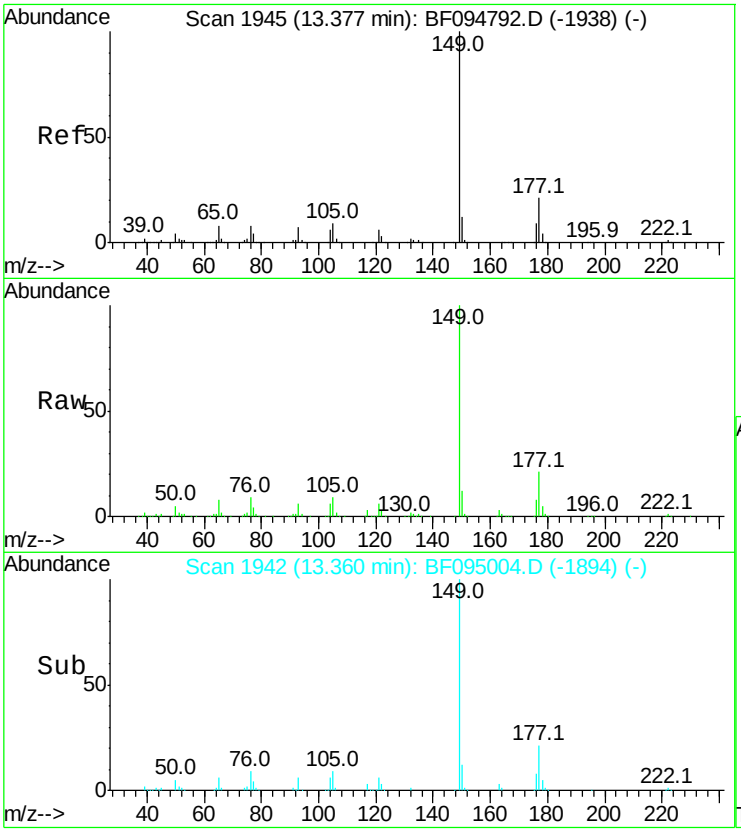


#58
2,3,4,6-Tetrachlorophenol
Concen: 52.55 ng
RT: 13.15 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:232 Resp: 121599

Ion	Ratio	Lower	Upper
232	100		
131	48.9	44.8	67.2
130	2.3	2.3	3.5#
166	36.2	29.0	43.4

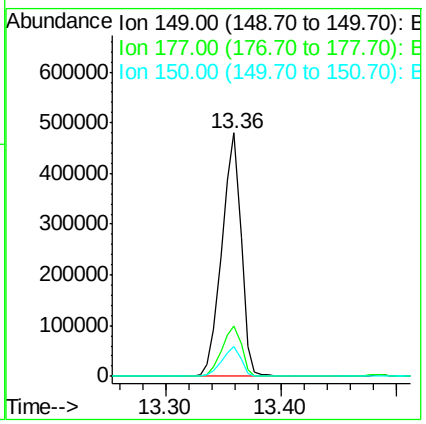




#59
Diethylphthalate
Concen: 42.46 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 556709

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.3	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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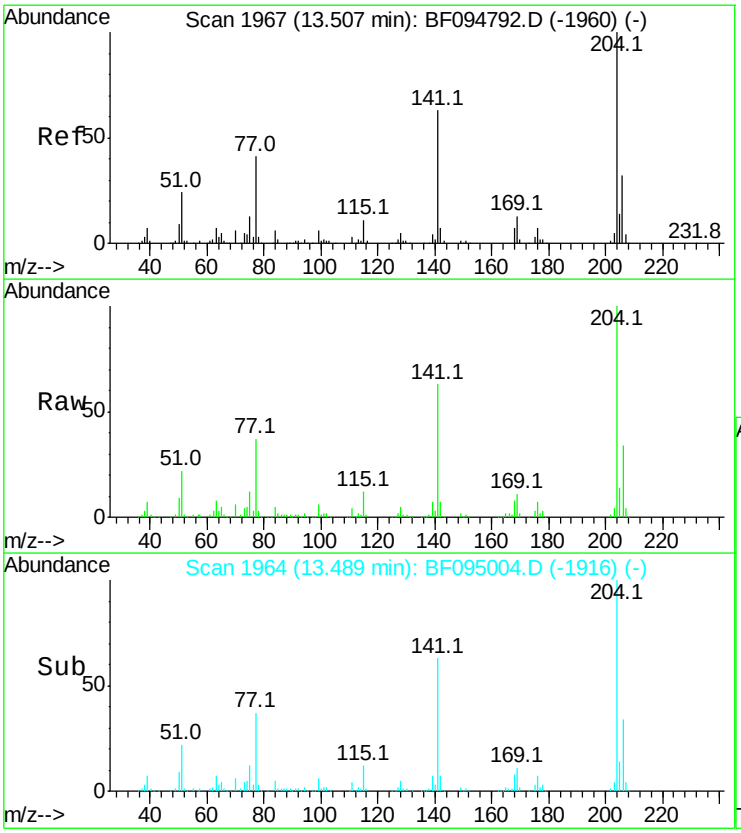
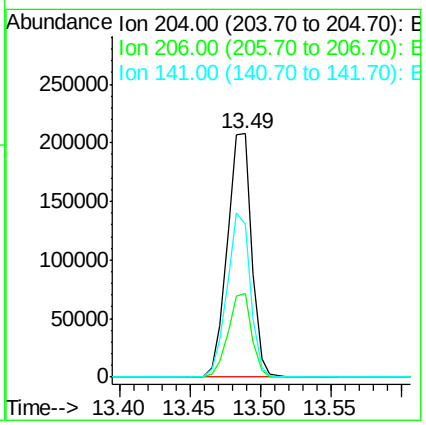
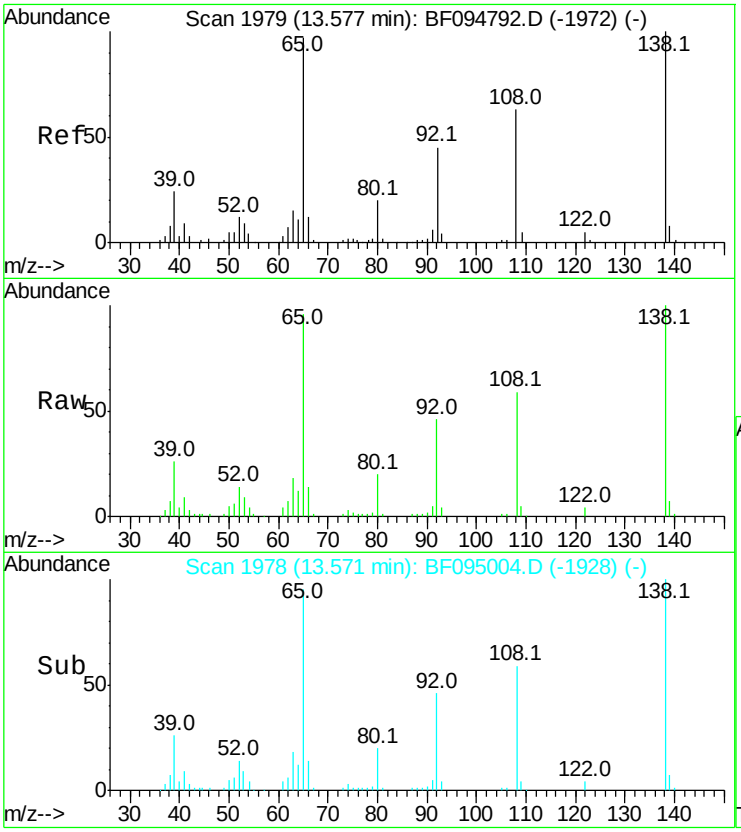


#60
4-Chlorophenyl-phenylether
Concen: 44.39 ng
RT: 13.49 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:204 Resp: 248781

Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	62.8	60.8	91.2

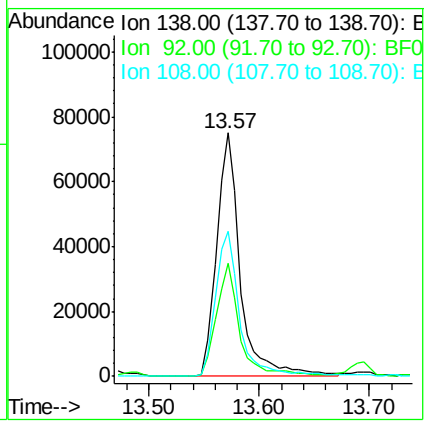




#61
4-Nitroaniline
Concen: 40.46 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:138 Resp: 111252

Ion	Ratio	Lower	Upper
138	100		
92	46.4	21.8	61.8
108	59.3	42.3	82.3



Instrument :
BNA_F
ClientSampleId :
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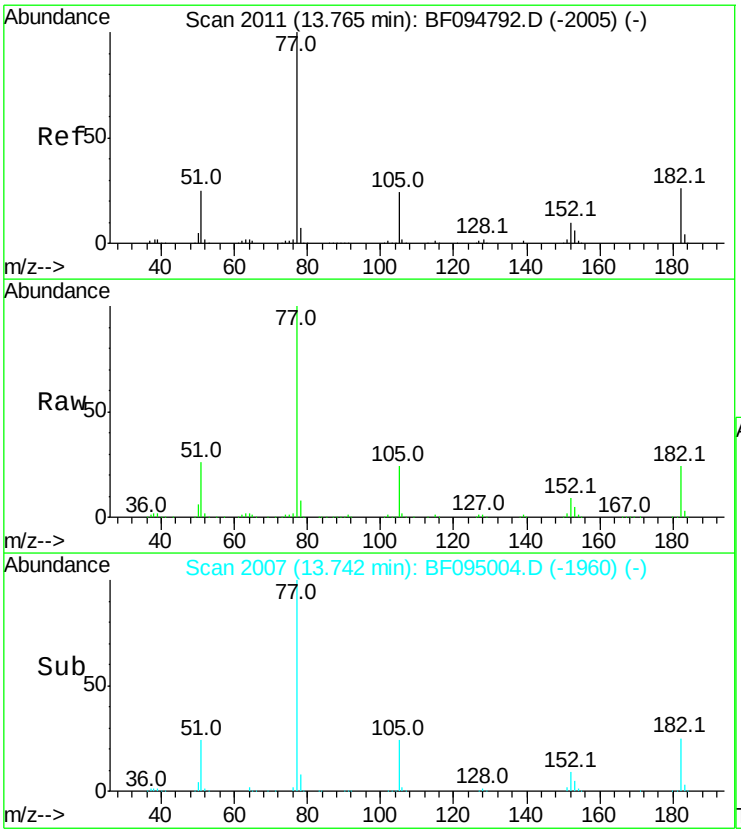
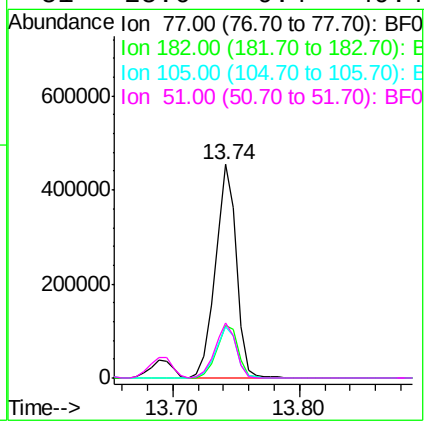
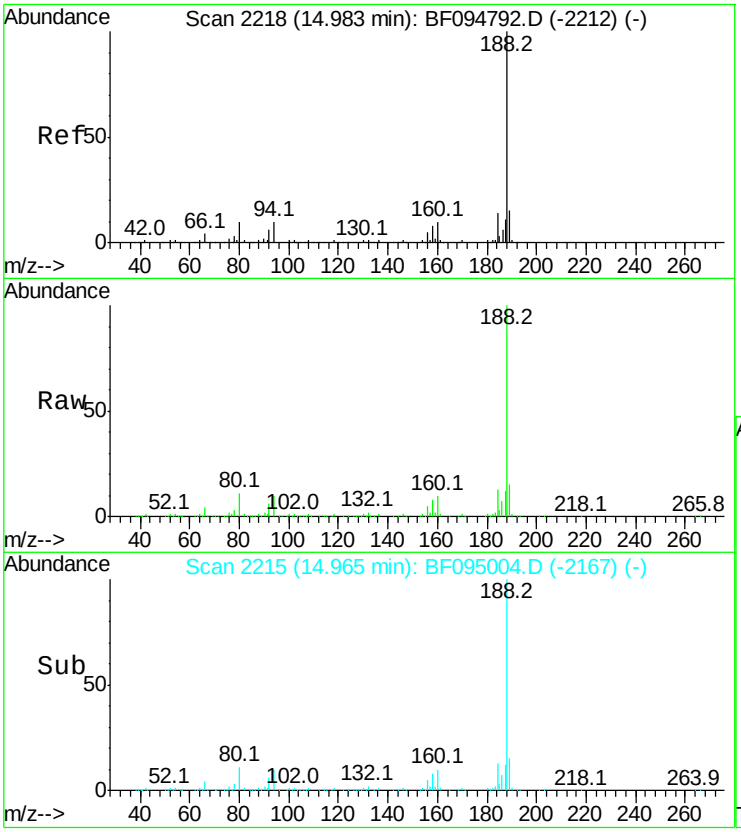


#62
Azobenzene
Concen: 49.61 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 77 Resp: 522617

Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.1	40.1
105	23.7	3.6	43.6
51	25.6	9.4	49.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:188 Resp: 272237

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.2	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
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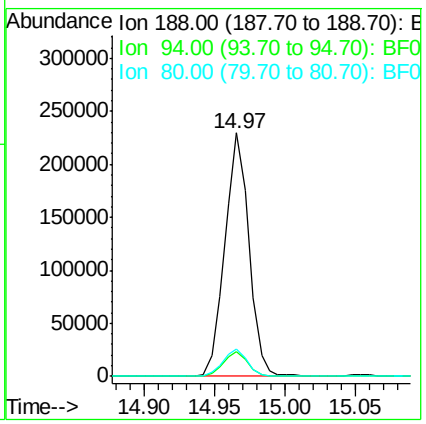
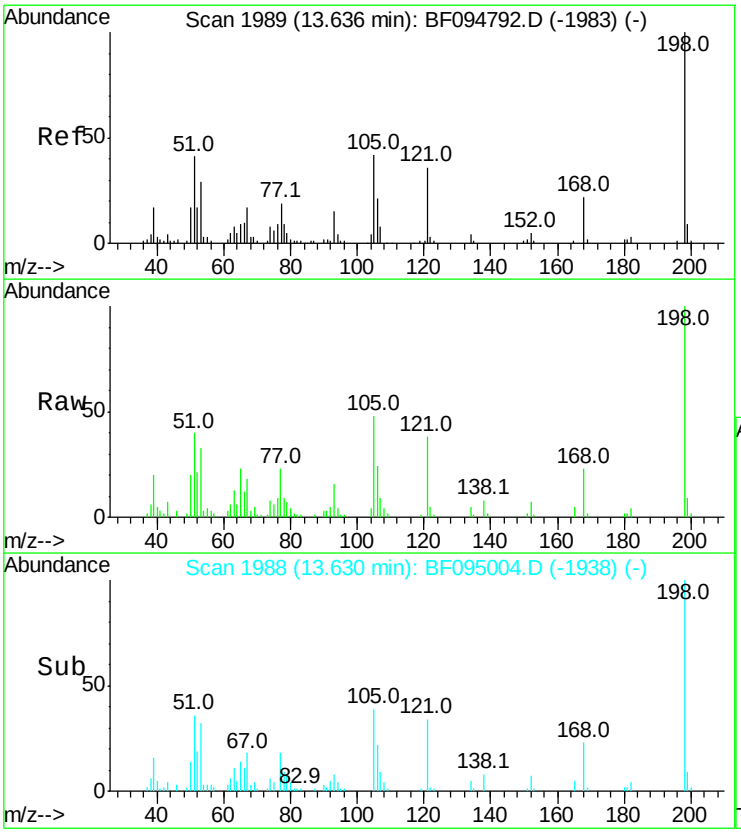
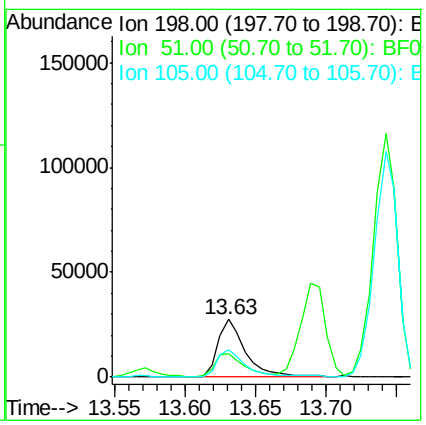


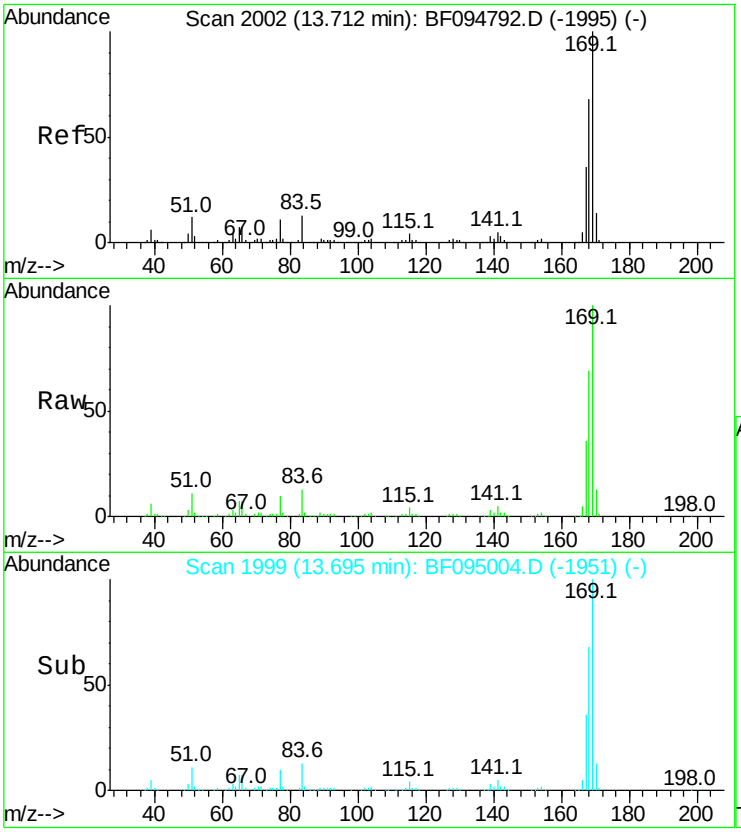


#64
4,6-Dinitro-2-methylphenol
Concen: 20.67 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:198 Resp: 37724

Ion	Ratio	Lower	Upper
198	100		
51	40.5	53.2	93.2#
105	47.9	45.8	85.8

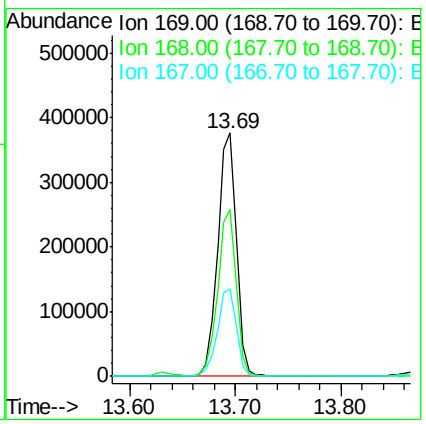




#65
n-Nitrosodiphenylamine
Concen: 47.32 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:169 Resp: 467515

Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	36.1	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
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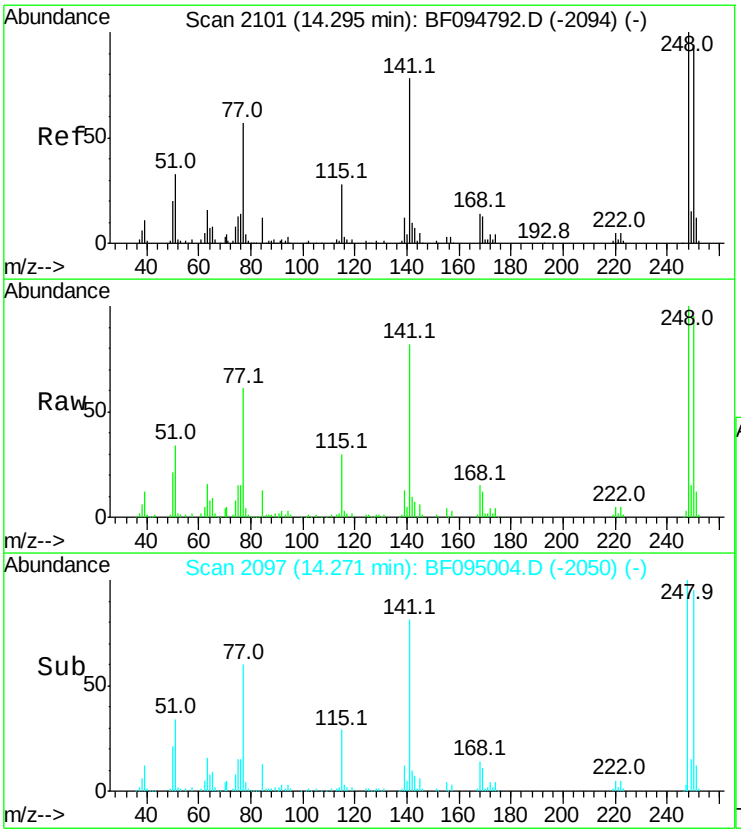
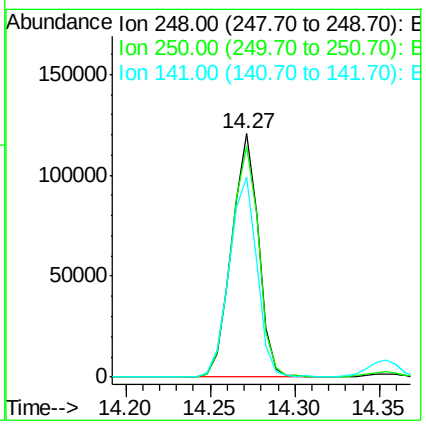
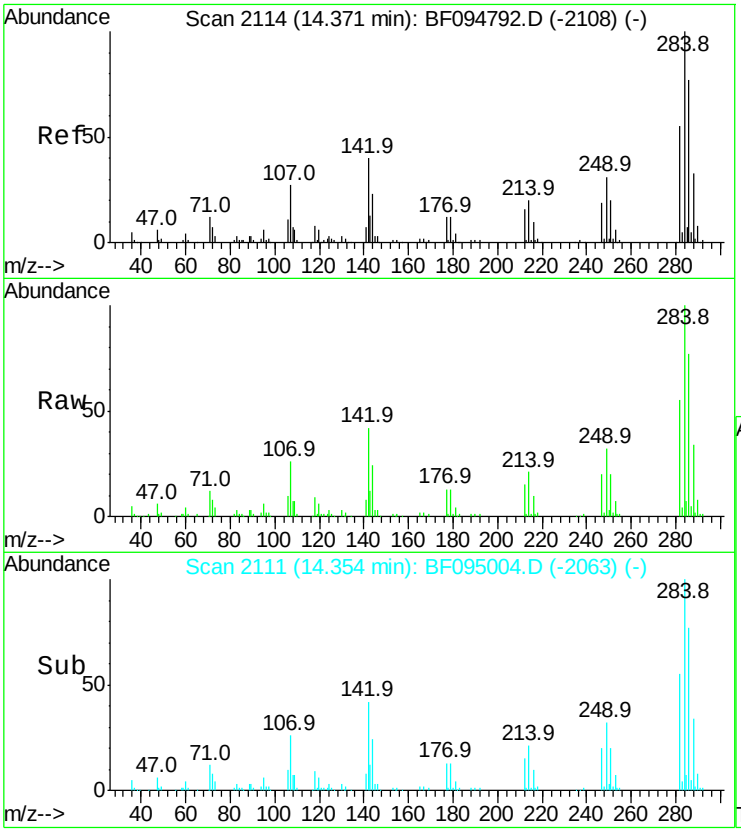


#66
4-Bromophenyl-phenylether
Concen: 46.07 ng
RT: 14.27 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:248 Resp: 132498

Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.8	115.2
141	82.0	68.6	103.0

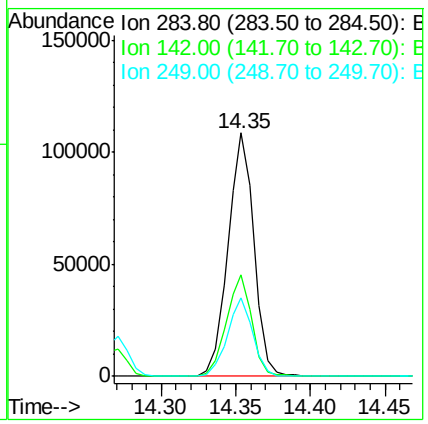




#67
Hexachlorobenzene
Concen: 44.93 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:284 Resp: 132435

Ion	Ratio	Lower	Upper
284	100		
142	41.8	22.8	34.2#
249	32.4	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
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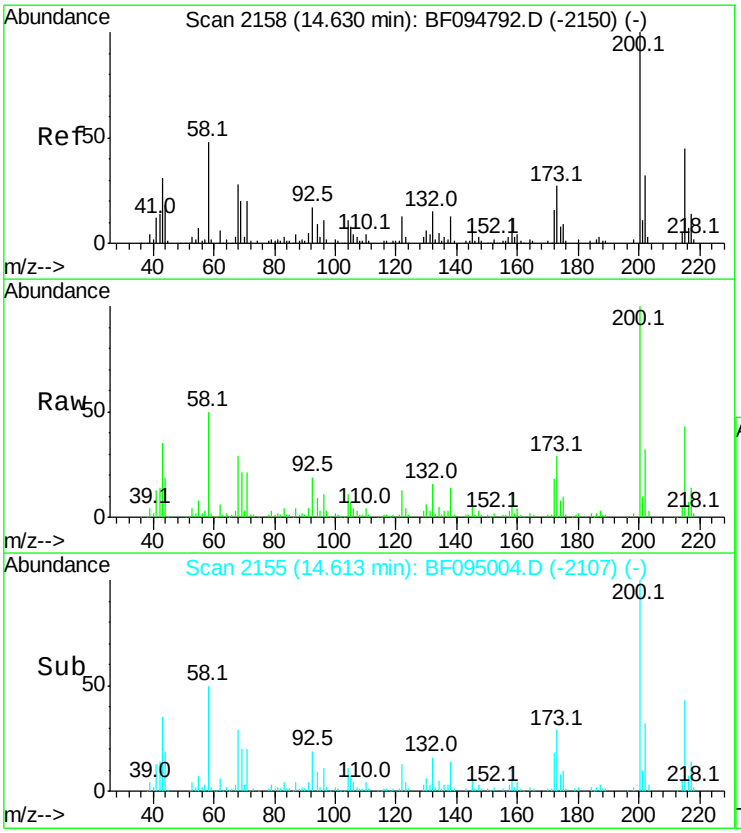
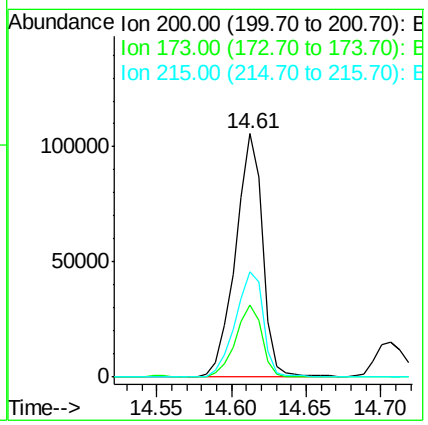
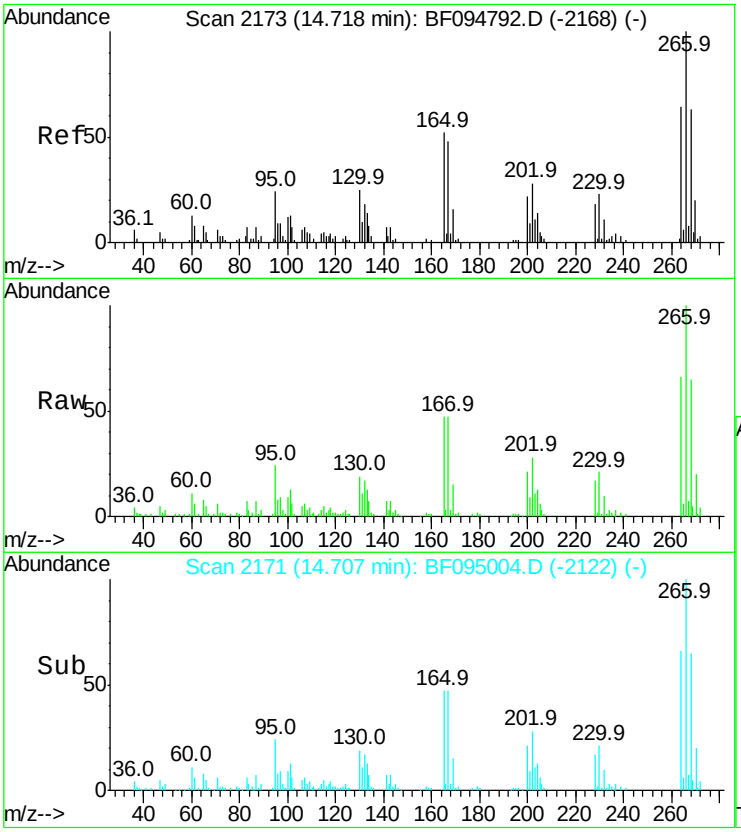


#68
Atrazine
Concen: 48.15 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:200 Resp: 134332

Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.3	46.3
215	43.5	27.2	67.2





#69
Pentachlorophenol
Concen: 85.02 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:266 Resp: 113846

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	66.3	51.7	77.5

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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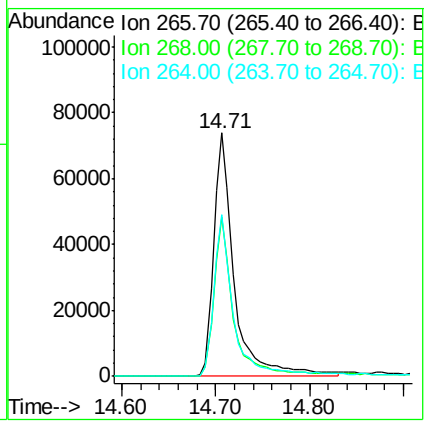
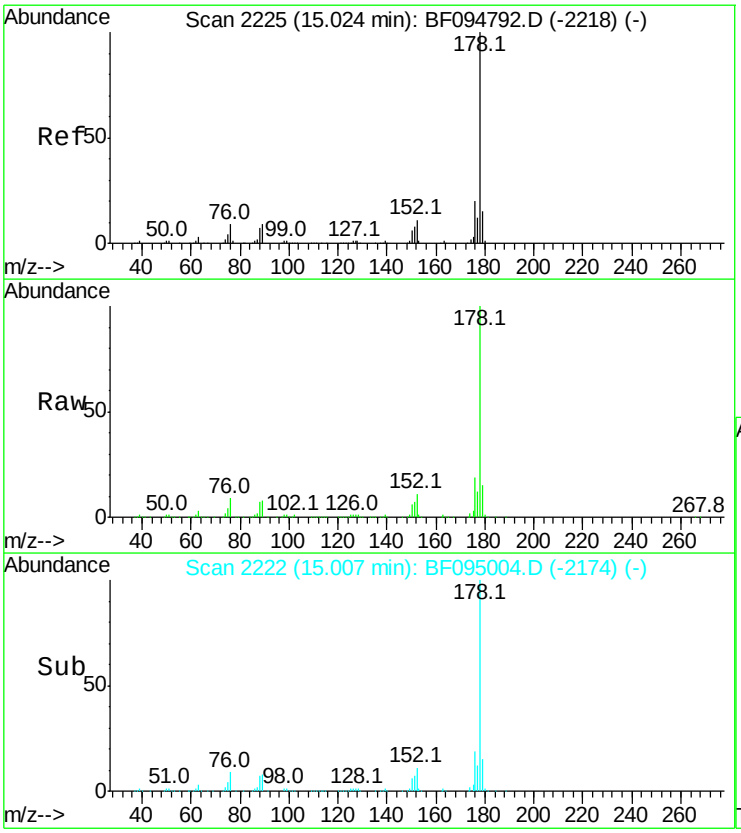
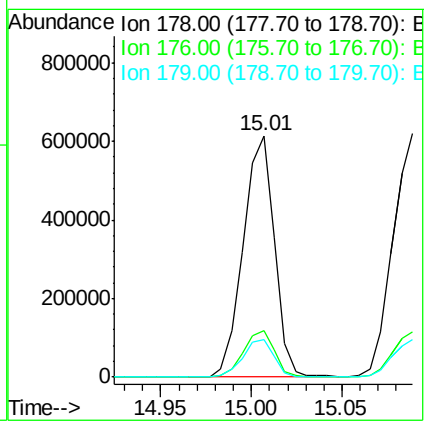


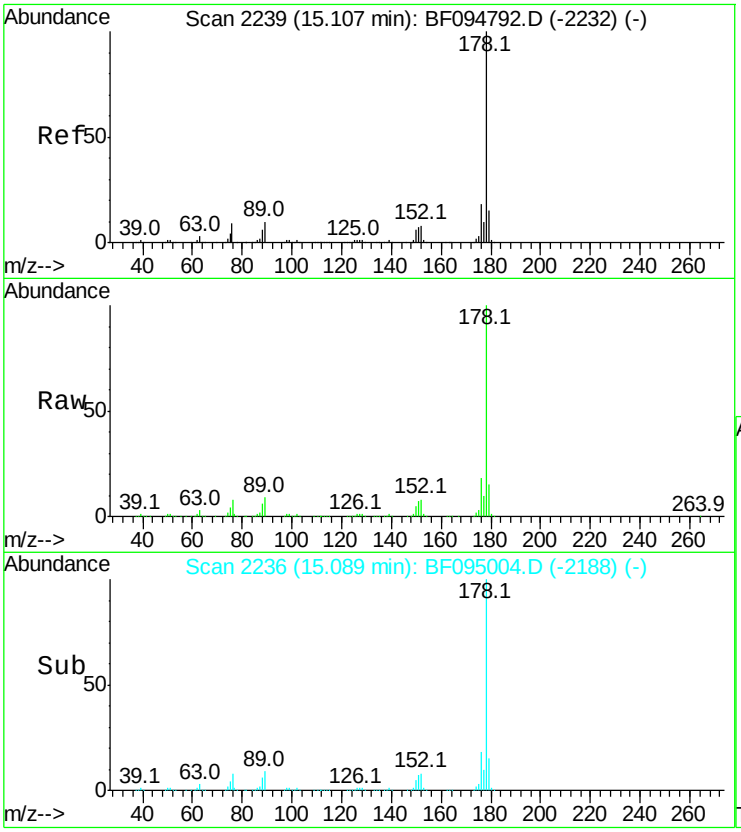


#70
Phenanthrene
Concen: 47.10 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:178 Resp: 736702

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0

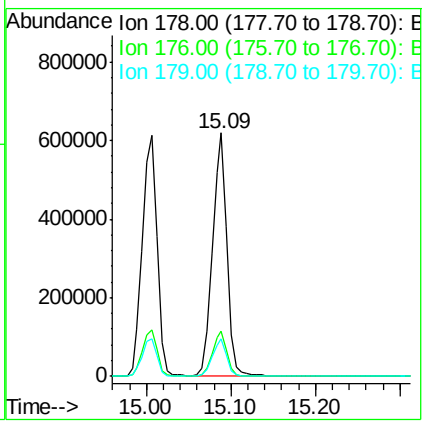




#71
Anthracene
Concen: 47.29 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:178 Resp: 755521

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
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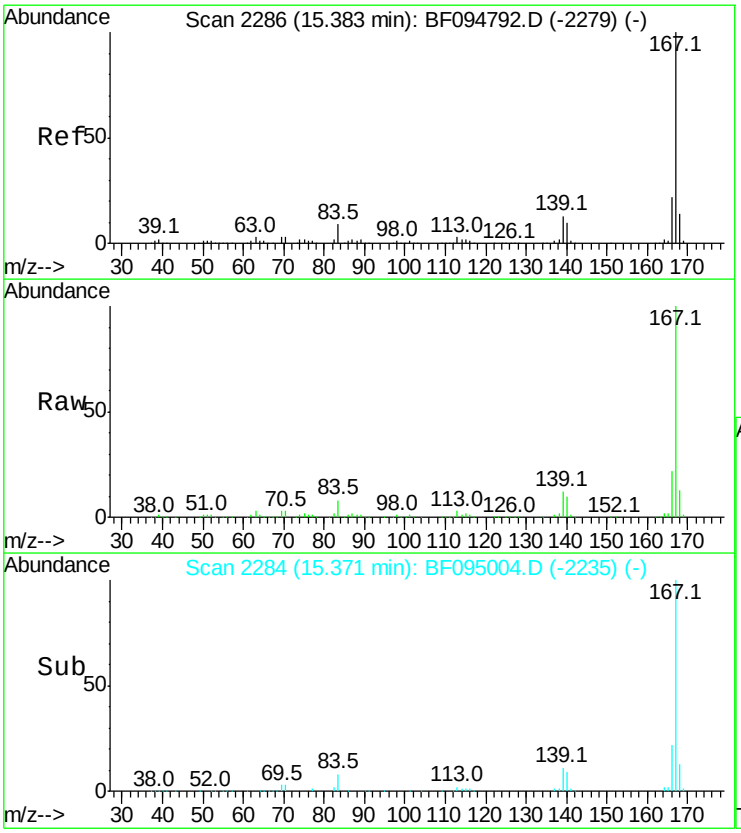
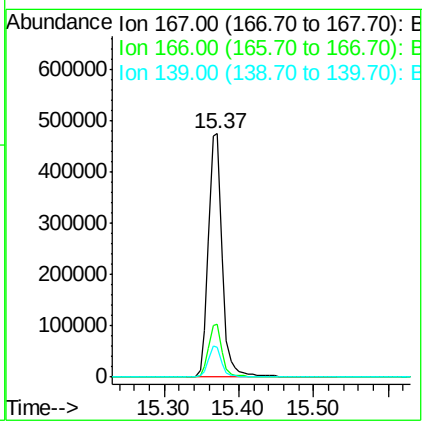
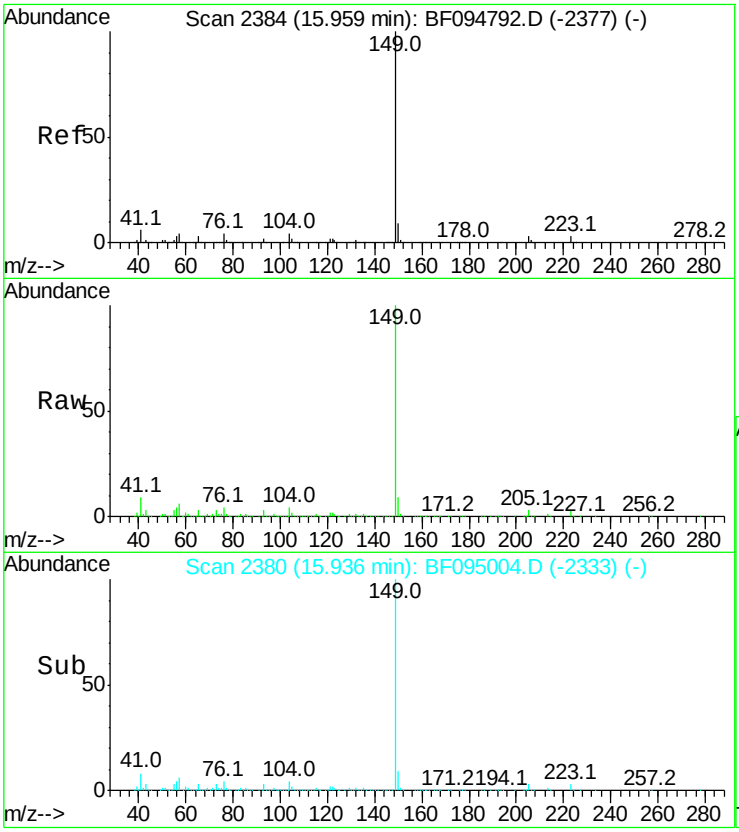


#72
Carbazole
Concen: 41.94 ng
RT: 15.37 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:167 Resp: 609730

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.3	11.7	17.5

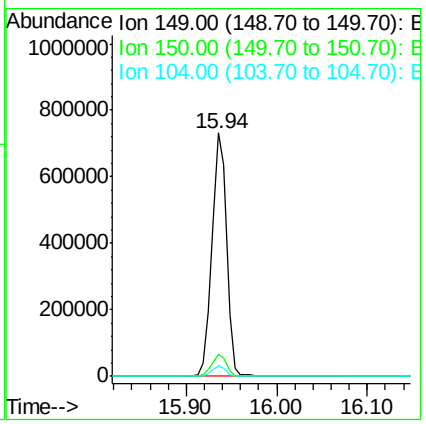




#73
Di-n-butylphthalate
Concen: 45.32 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 821621

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.3	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
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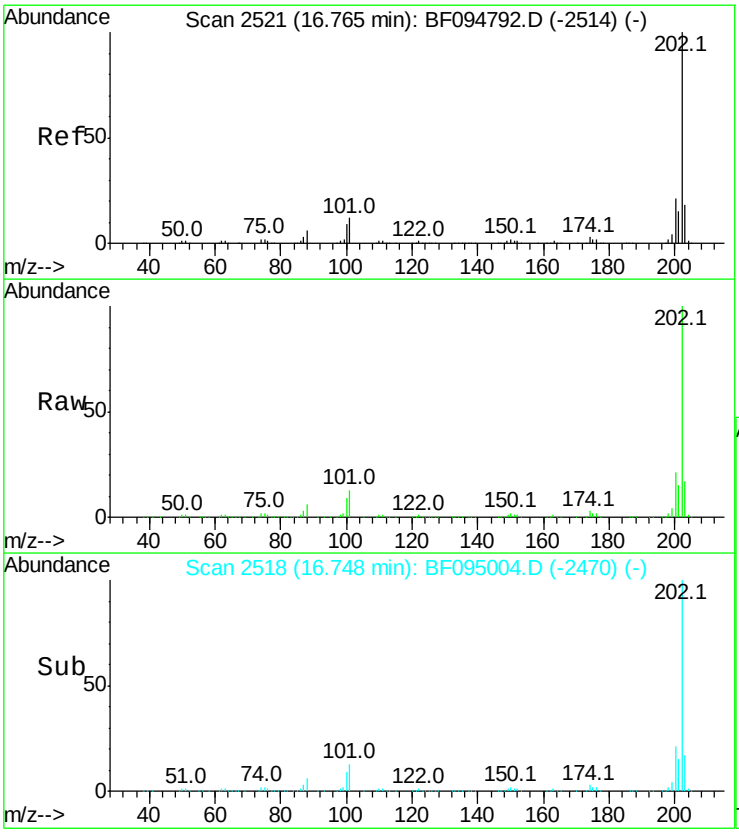
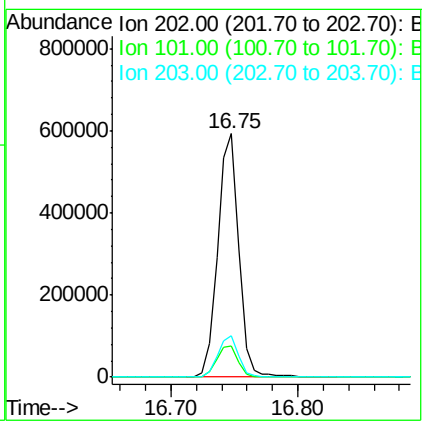
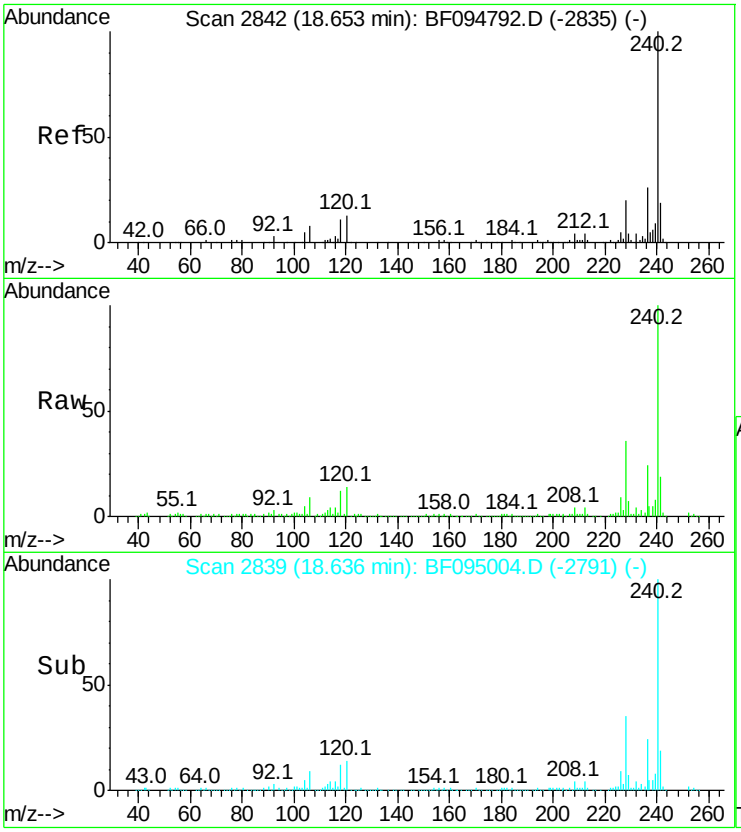


#74
Fluoranthene
Concen: 42.62 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:202 Resp: 683839

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.1	0.0	38.1

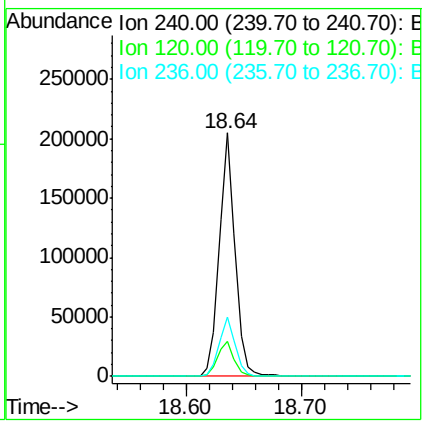




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:240 Resp: 194852

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.5	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
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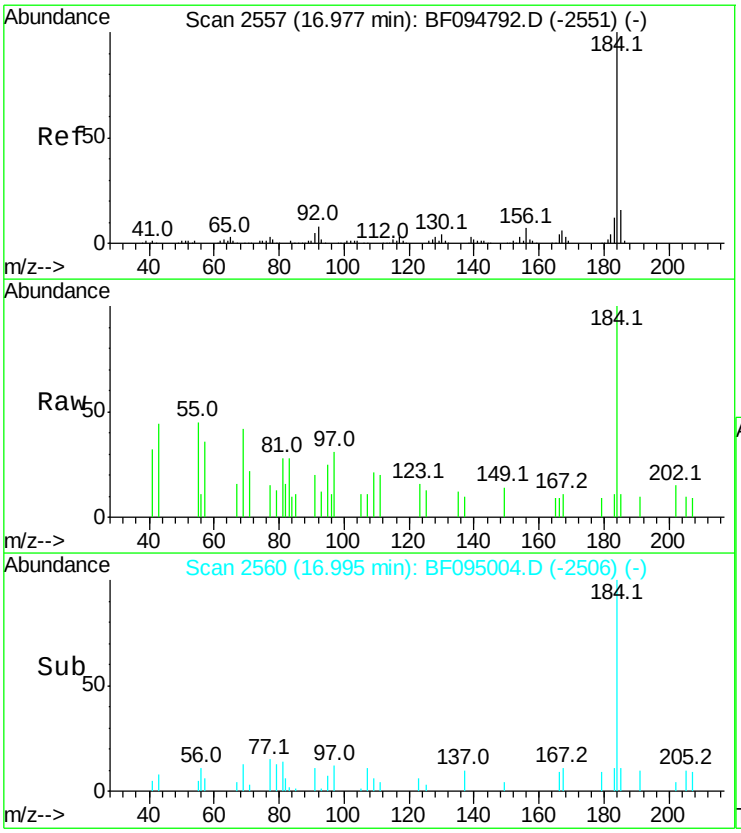
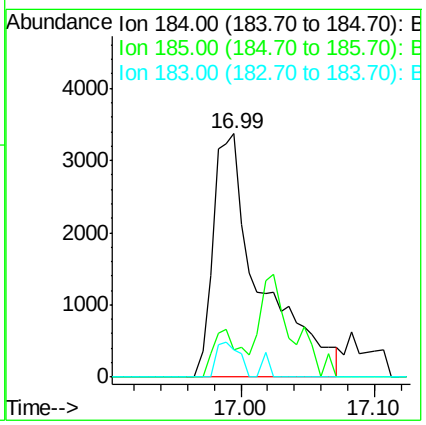
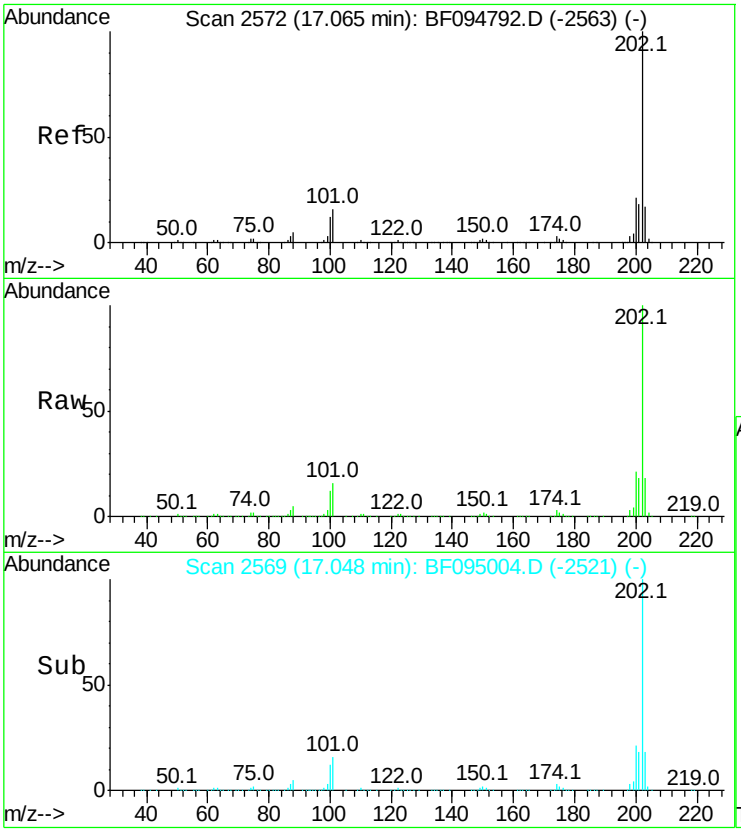


#76
Benzidine
Concen: 7.96 ng
RT: 16.99 min Scan# 2560
Delta R.T. 0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:184 Resp: 8373

Ion	Ratio	Lower	Upper
184	100		
185	11.4	15.5	23.3#
183	11.3	9.8	14.6

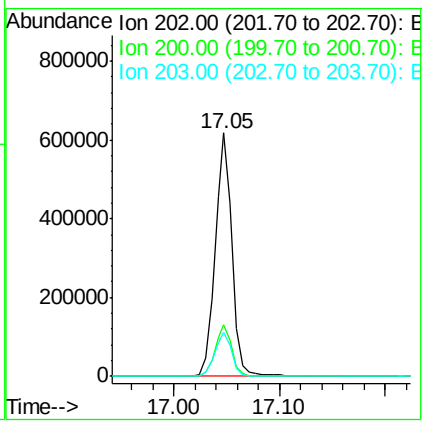




#77
Pyrene
Concen: 47.30 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:202 Resp: 689320

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.9	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
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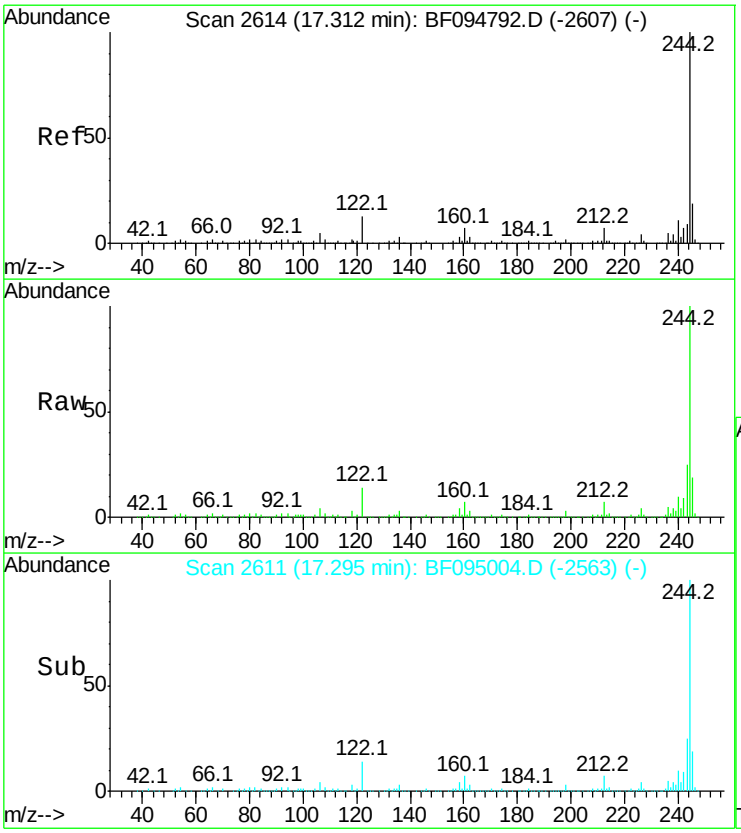
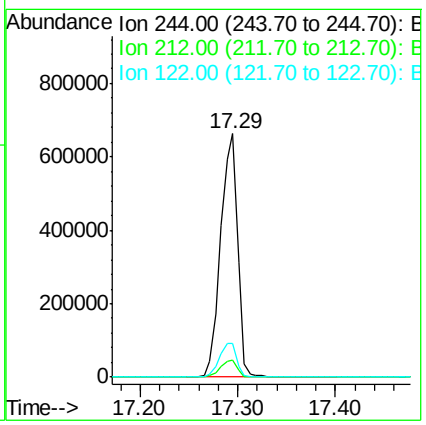
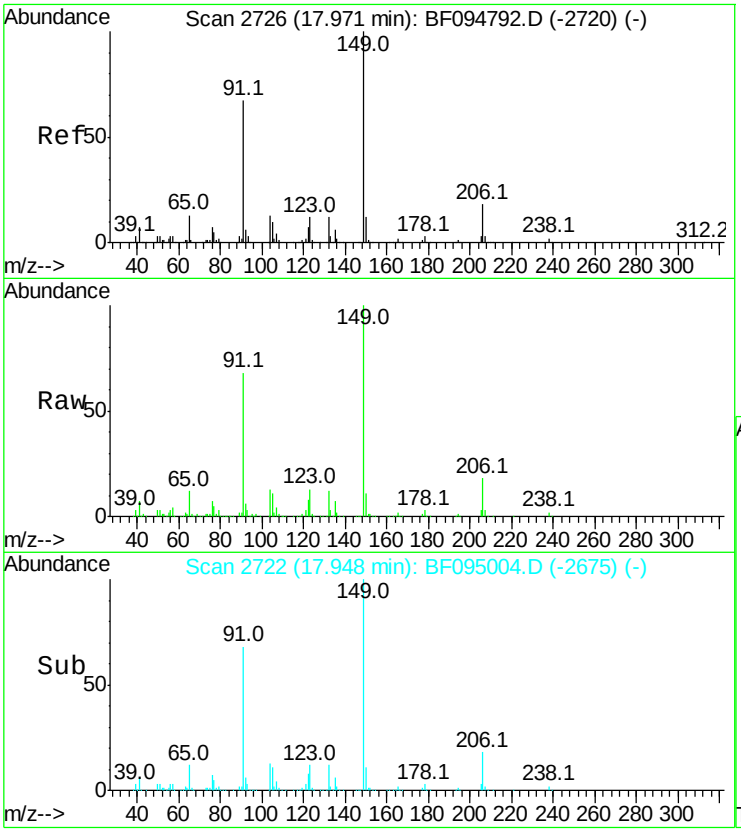


#78
Terphenyl-d14
Concen: 90.54 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:244 Resp: 801011

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.6	10.3	15.5

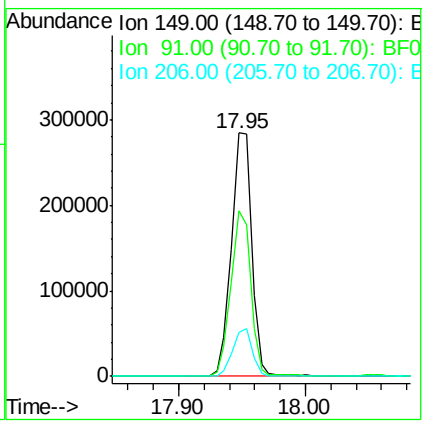




#79
Butylbenzylphthalate
Concen: 46.26 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 313531

Ion	Ratio	Lower	Upper
149	100		
91	68.2	45.0	67.4#
206	17.9	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
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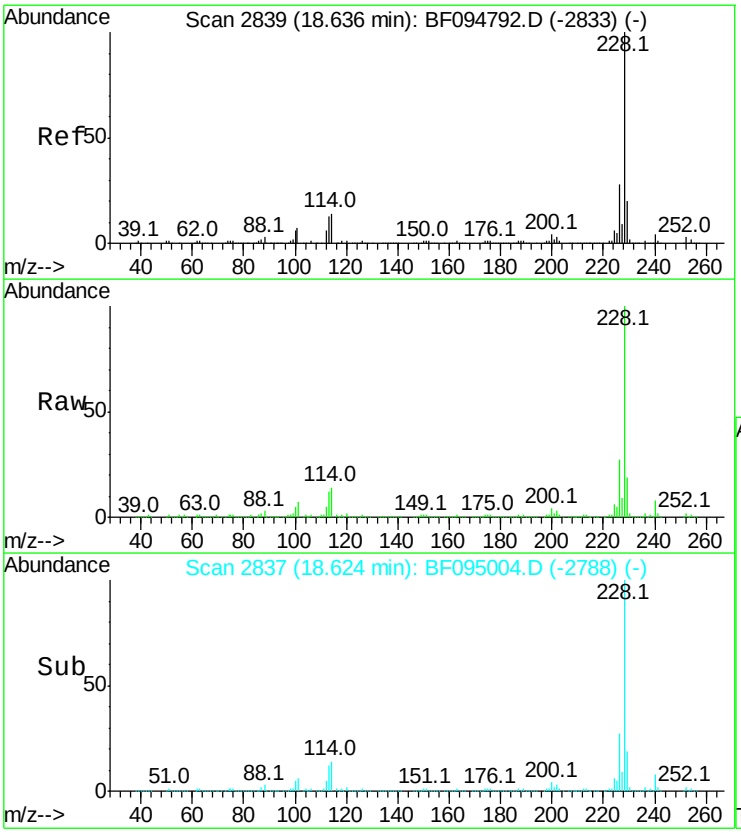
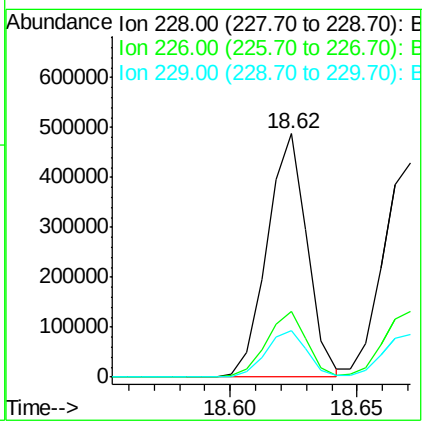
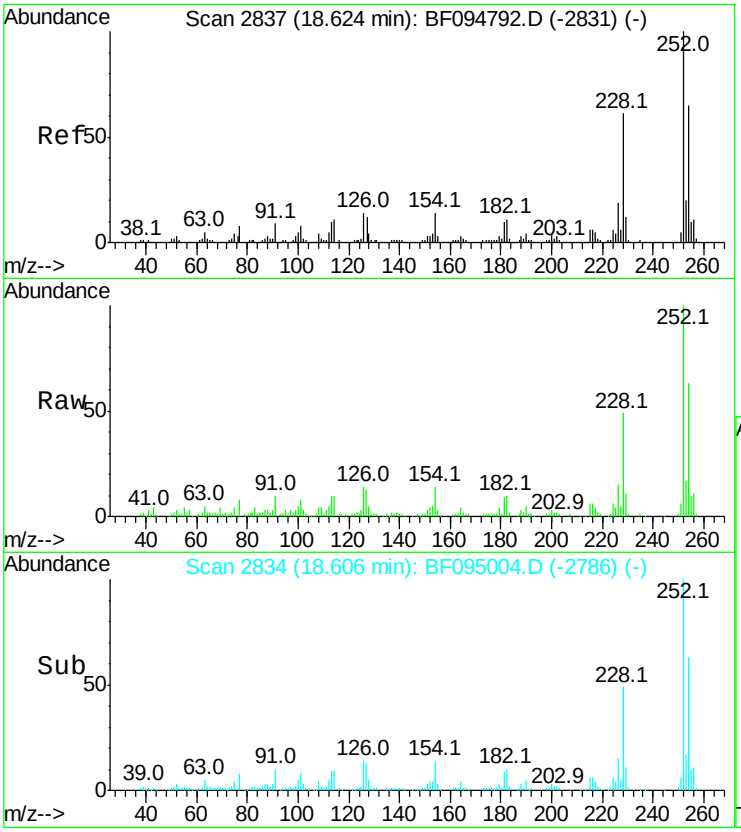


#80
Benzo(a)anthracene
Concen: 47.20 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:228 Resp: 535310

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.3	16.3	24.5

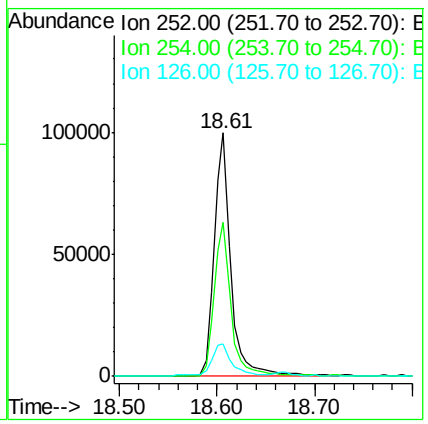




#81
3,3'-Dichlorobenzidine
Concen: 30.11 ng
RT: 18.61 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:252 Resp: 117927

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	13.5	15.8	23.8#



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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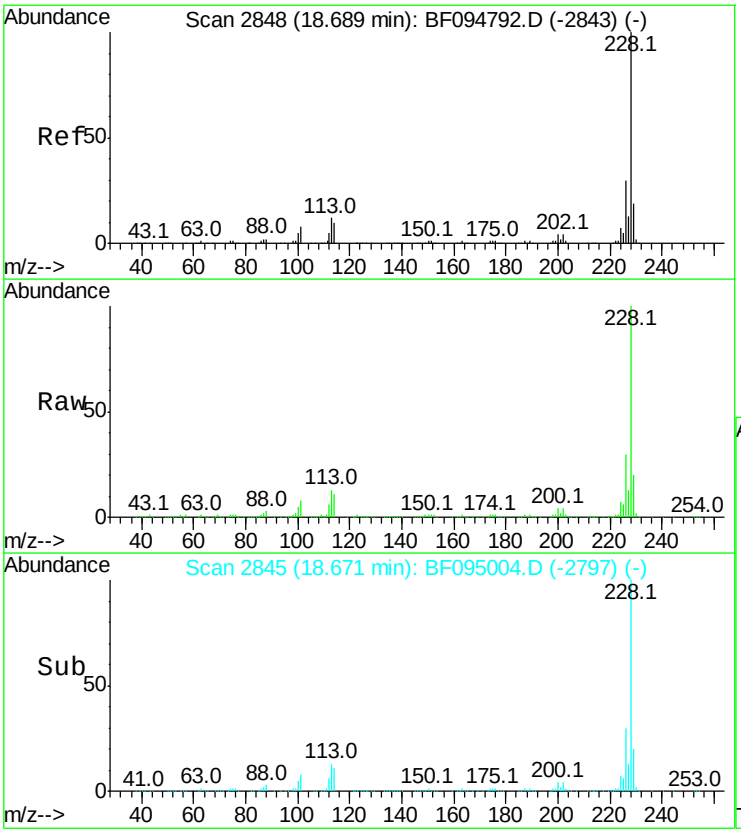
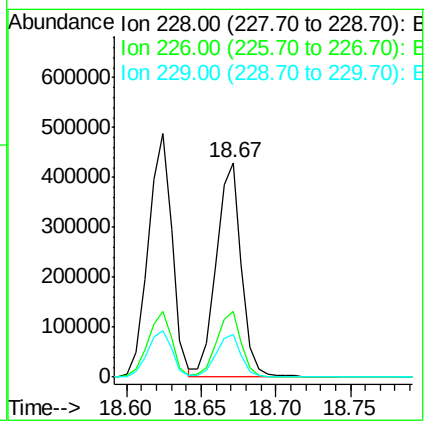
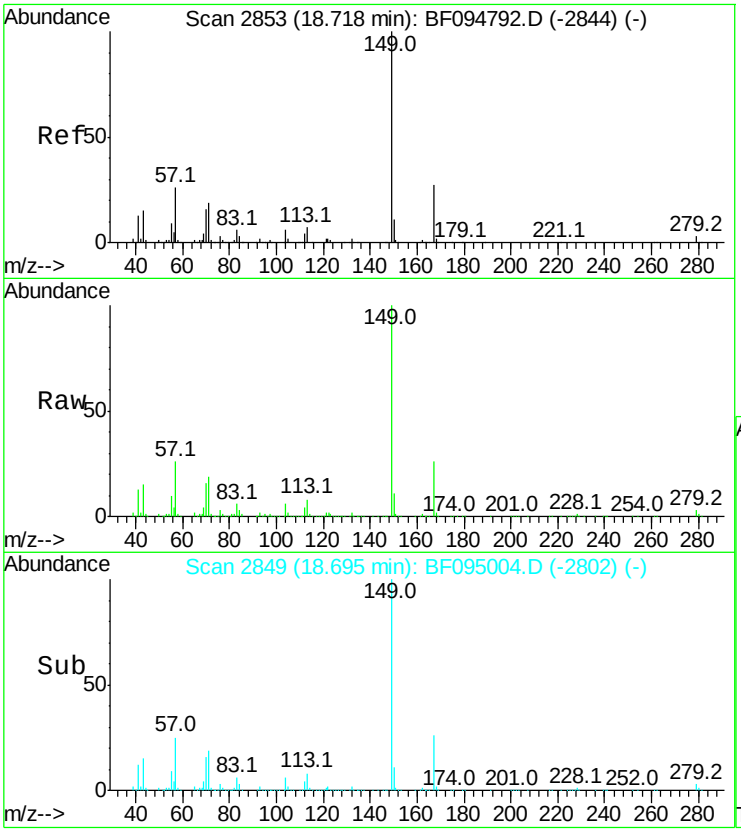


#82
Chrysene
Concen: 46.04 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:228 Resp: 504798

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6

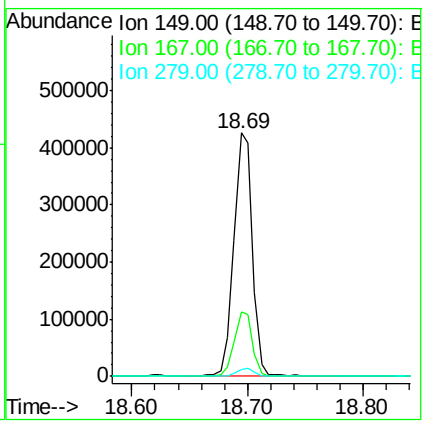




#83
Bis(2-ethylhexyl)phthalate
Concen: 48.60 ng
RT: 18.69 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 469372

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9#



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

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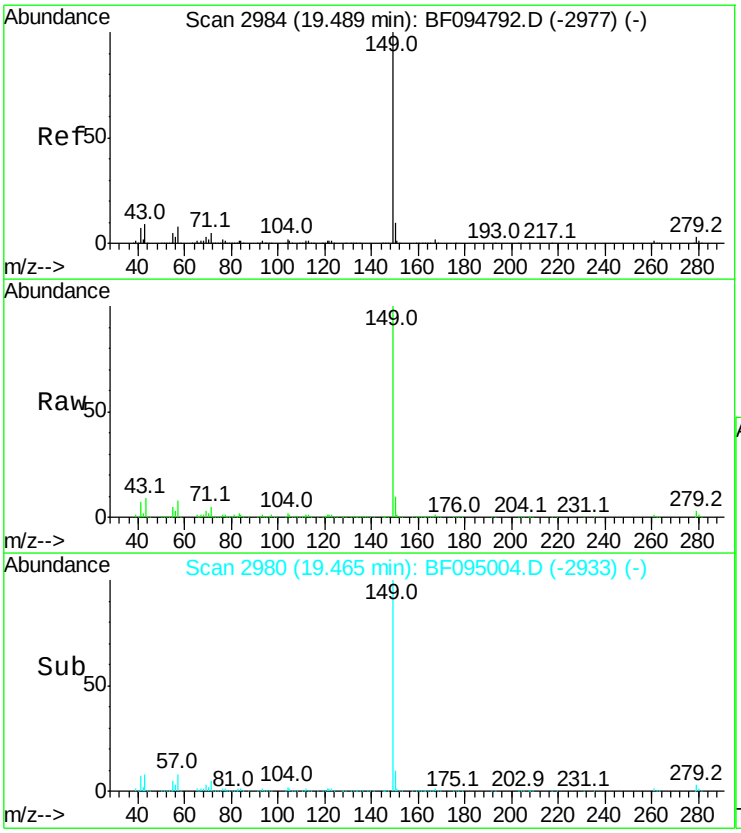
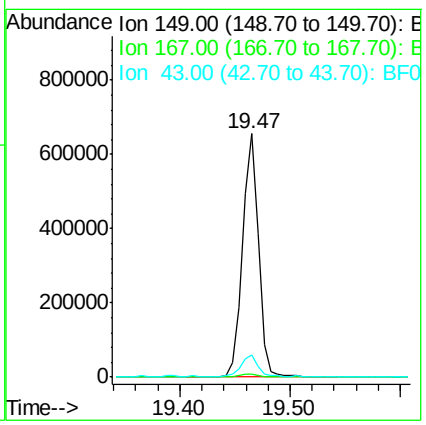
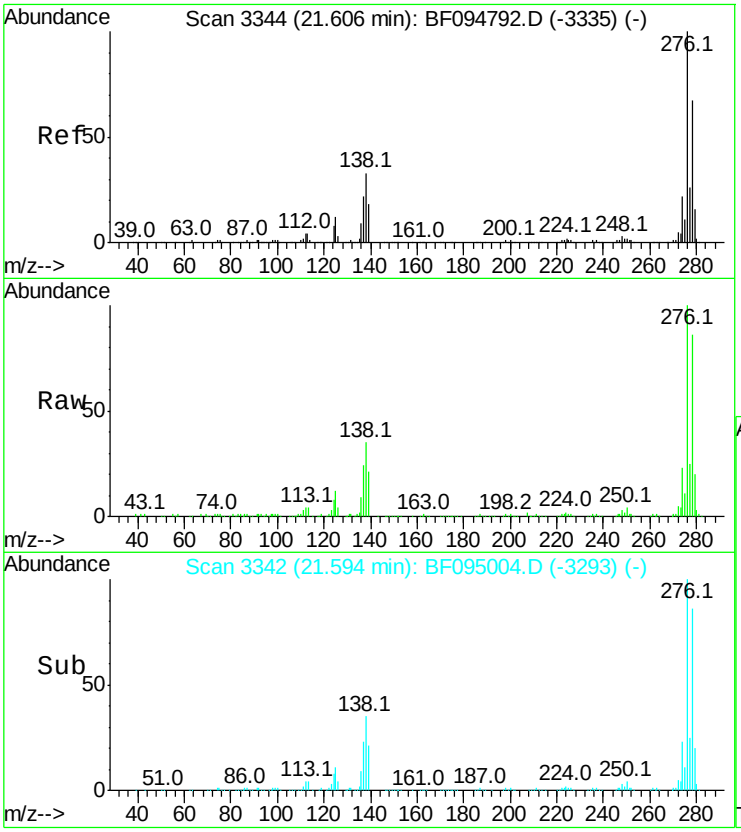


#84
Di-n-octyl phthalate
Concen: 42.18 ng
RT: 19.47 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 667910

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.5	12.7

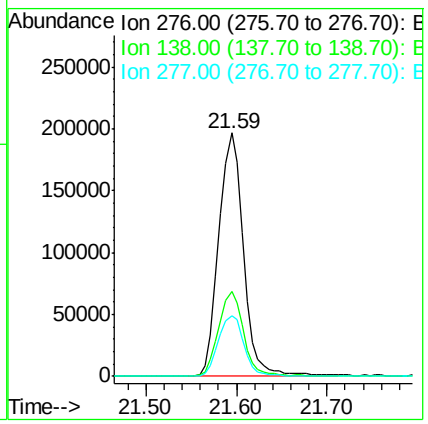




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.94 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:276 Resp: 373506

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	26.0	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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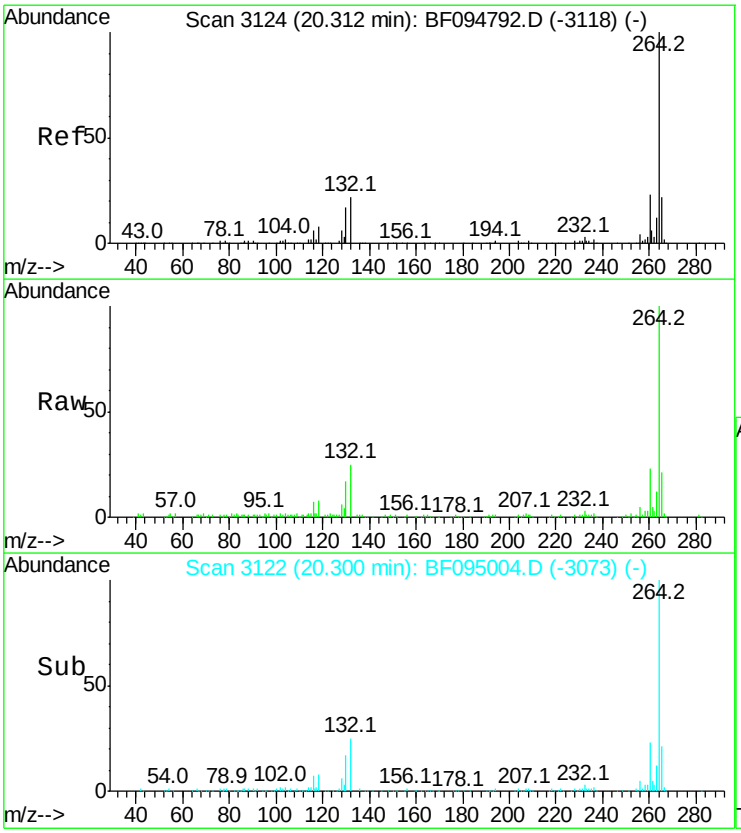
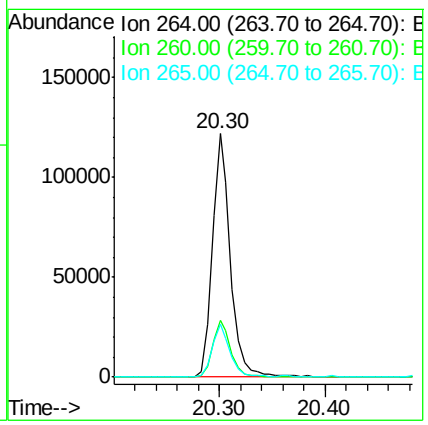
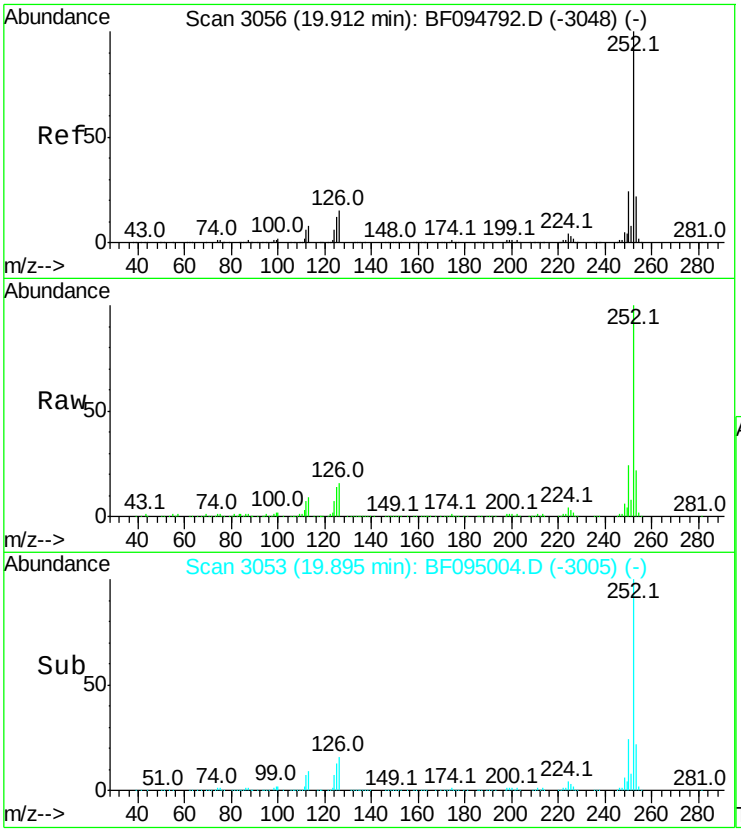


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:264 Resp: 146245

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8

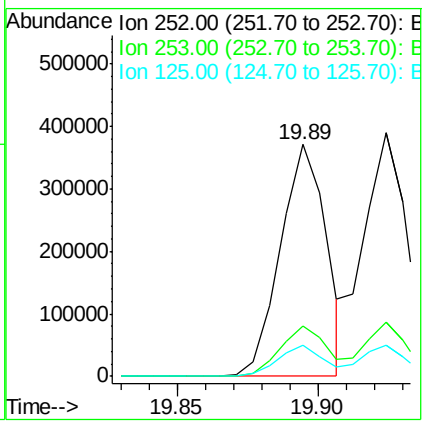




#87
Benzo(b)fluoranthene
Concen: 46.35 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:252 Resp: 418851

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
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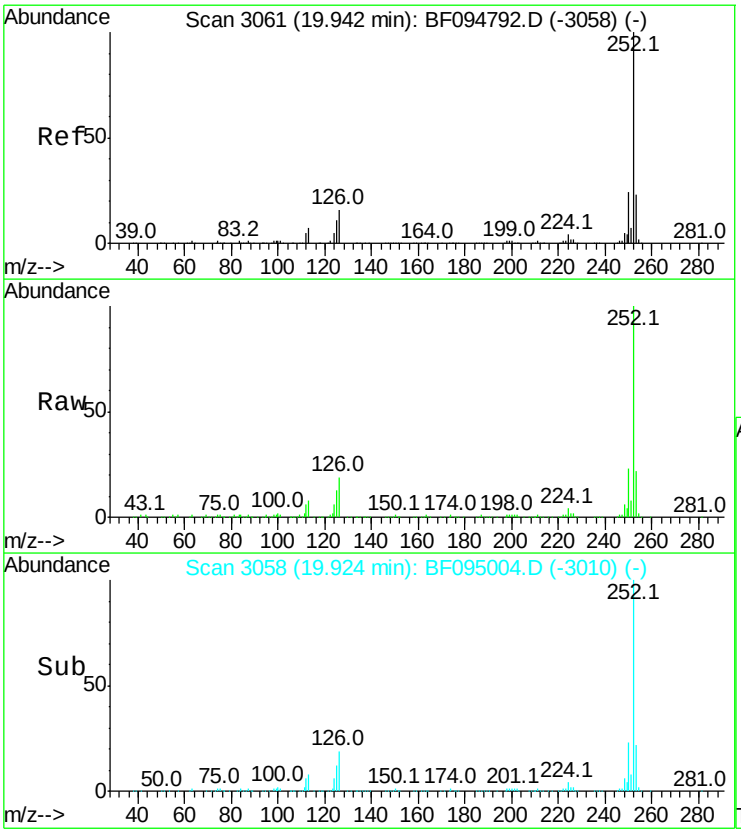
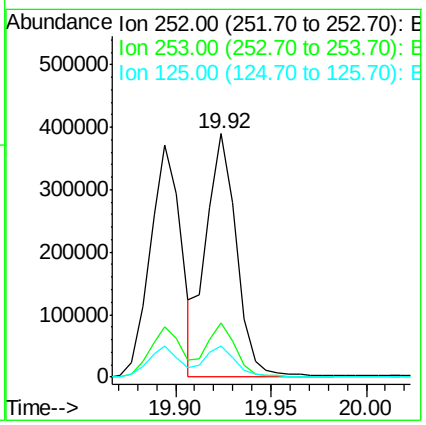
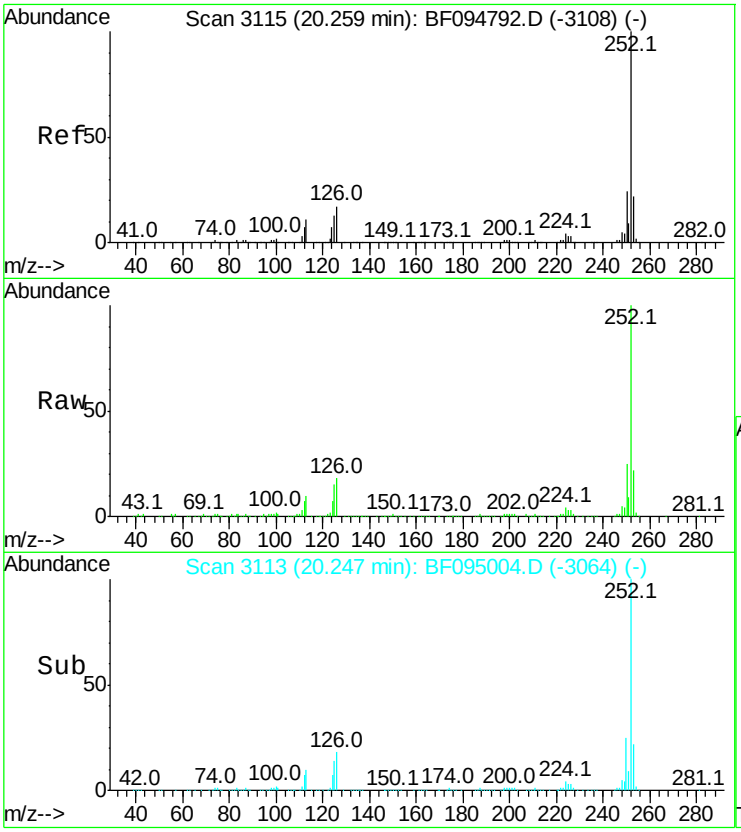


#88
Benzo(k)fluoranthene
Concen: 49.69 ng m
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:252 Resp: 433097

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.6	13.1	19.7#

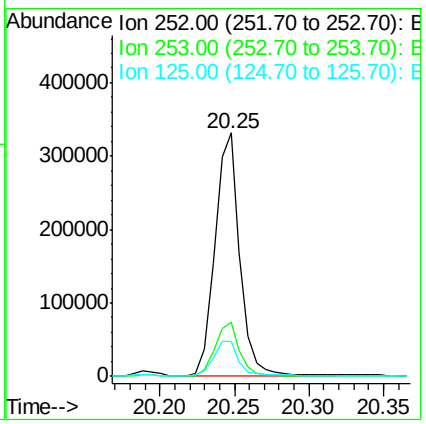




#89
Benzo(a)pyrene
Concen: 46.25 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:252 Resp: 385673

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.5	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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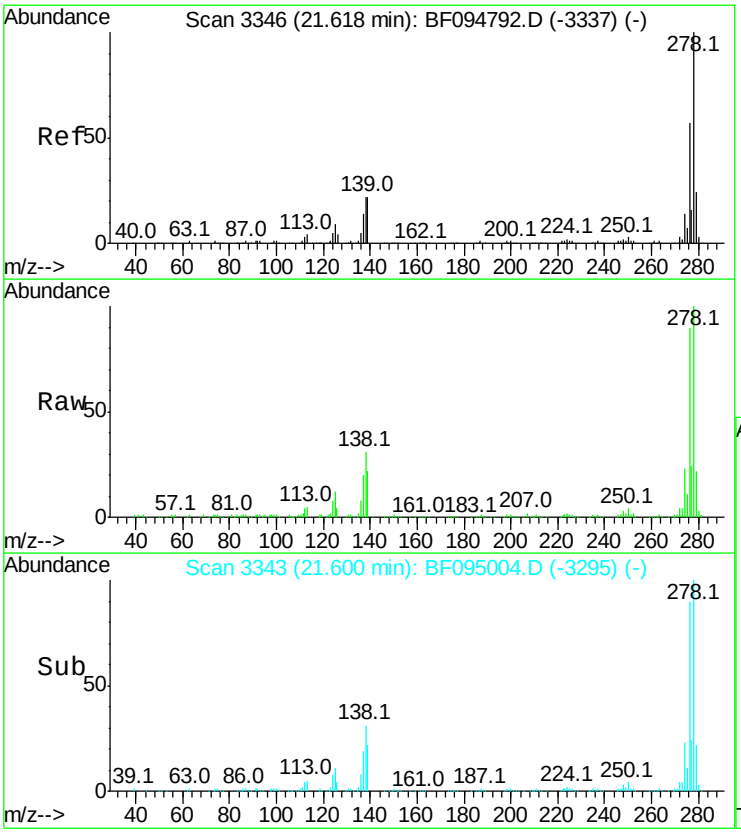
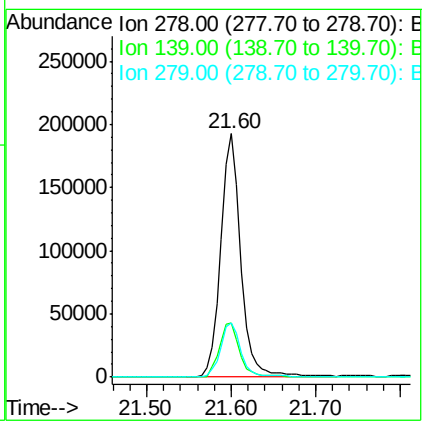
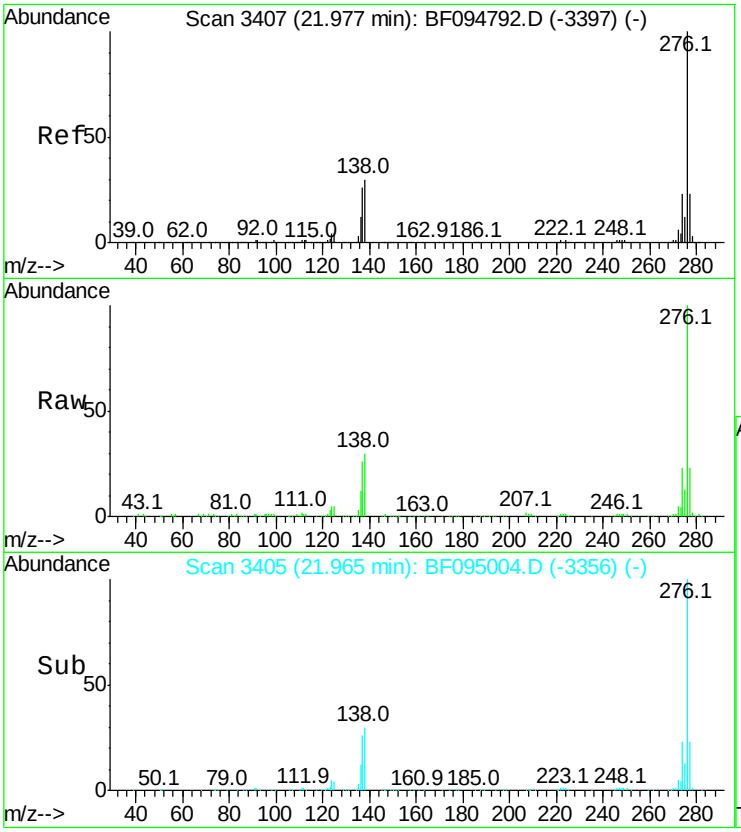


#90
Dibenzo(a,h)anthracene
Concen: 46.27 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:278 Resp: 318642

Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	22.5	19.3	28.9

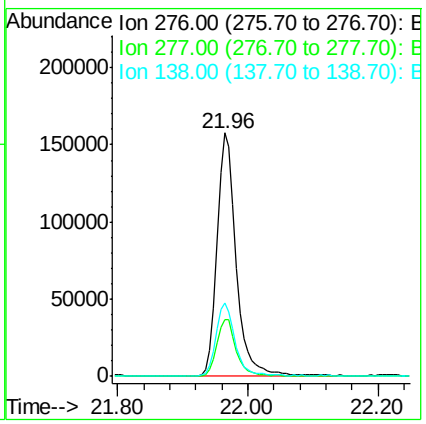




#91
Benzo(g,h,i)perylene
Concen: 47.77 ng
RT: 21.96 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:276 Resp: 322827

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	30.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:58 PM