Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058640.D
Acq On : 18 Oct 2016 14:13
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
umangi
10/19/2016 1:46:47 PM

Quant Time: Oct 19 12:23:50 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	514600	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	1949758	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1118451	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1819924m	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	1855183	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1333368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	84262	7.42	ng/uL	0.00
5) Phenol-d5	7.83	99	1185363	31.71	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	887439	35.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.21	132	1260149	32.50	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	989644	31.98	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	640234	31.76	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	727905	33.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	945072	30.74	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1347441	36.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2635469	35.44	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3077332	35.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	479035	28.05	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2139646	35.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	504731	26.12	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2640994	32.45	ng/ul	0.00
76) Pyrene-d10	20.88	212	3153684	38.69	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2073218	34.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	13414	1.19	ng/uL#	87
4) Benzaldehyde	7.75	77	63274	2.63	ng/ul	89
6) Phenol	7.85	94	109101	2.95	ng/ul#	41
8) Bis(2-Chloroethyl)ether	8.06	93	102363	3.35	ng/ul#	76
10) 2-Chlorophenol	8.23	128	109449	2.97	ng/ul#	73
11) 2-Methylphenol	9.18	108	85060	2.86	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.27	45	200242	3.72	ng/ul#	86
14) Acetophenone	9.56	105	136431	3.01	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.56	70	85241	3.18	ng/ul#	57
16) 4-Methylphenol	9.52	108	97233	3.02	ng/ul	97
17) Hexachloroethane	9.85	117	55187	3.09	ng/ul#	60
20) Nitrobenzene	9.95	77	131938	3.49	ng/ul#	96
21) Isophorone	10.51	82	241493	3.31	ng/ul#	96
23) 2-Nitrophenol	10.72	139	68379	3.02	ng/ul	92
24) 2,4-Dimethylphenol	10.78	107	113703	3.07	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.01	93	112595	3.20	ng/ul#	94
27) 2,4-Dichlorophenol	11.28	162	90625	2.94	ng/ul#	85
28) Naphthalene	11.70	128	296569	3.19	ng/ul	99
30) 4-Chloroaniline	11.80	127	116877	3.33	ng/ul	97
31) Hexachlorobutadiene	12.05	225	59440	2.83	ng/ul	96
32) Caprolactam	12.60	113	29021m	2.59	ng/ul	
33) 4-Chloro-3-methylphenol	12.95	107	90802	2.96	ng/ul	91
34) 2-Methylnaphthalene	13.36	142	195436	3.05	ng/ul	99

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Sample : MDL-04-S-ML
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 19 12:23:50 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	100602	2.93 ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	39977	1.84 ng/ul	88
38) 2,4,6-Trichlorophenol	13.97	196	57887	2.77 ng/ul	98
39) 2,4,5-Trichlorophenol	14.05	196	59955	2.71 ng/ul	94
40) 1,1'-Biphenyl	14.38	154	237092	3.16 ng/ul	99
41) 2-Chloronaphthalene	14.41	162	178298	2.98 ng/ul#	91
42) 2-Nitroaniline	14.61	65	68414	2.98 ng/ul#	81
44) Dimethylphthalate	15.01	163	235168	3.16 ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	55416	2.95 ng/ul	97
47) Acenaphthylene	15.30	152	298598	3.51 ng/ul	99
48) 3-Nitroaniline	14.61	138	65308	2.66 ng/ul#	47
49) Acenaphthene	15.65	153	177605	3.04 ng/ul	94
50) 2,4-Dinitrophenol	15.67	184	20563	1.54 ng/ul#	1
52) 4-Nitrophenol	15.80	109	42095	3.03 ng/ul	86
53) Dibenzofuran	15.99	168	250470	3.01 ng/ul#	81
54) 2,4-Dinitrotoluene	15.94	165	72805	2.78 ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	16.24	232	51531	2.66 ng/ul#	84
56) Diethylphthalate	16.44	149	251506	3.26 ng/ul	96
58) Fluorene	16.67	166	199720	2.95 ng/ul	93
59) 4-Chlorophenyl-phenylether	16.67	204	102270	2.81 ng/ul	96
60) 4-Nitroaniline	16.67	138	36289	1.87 ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	16.74	198	50805m	2.63 ng/ul	
64) N-Nitrosodiphenylamine	16.88	169	165957	2.83 ng/ul	95
65) 4-Bromophenyl-phenylether	17.59	248	61372	2.63 ng/ul	96
66) Hexachlorobenzene	17.75	284	55643	2.38 ng/ul#	85
67) Atrazine	17.86	200	59961	2.68 ng/ul#	88
68) Pentachlorophenol	18.09	266	32415	1.96 ng/ul	95
69) Phenanthrene	18.48	178	287433m	3.17 ng/ul	
71) Anthracene	18.57	178	293258	3.17 ng/ul	100
72) Carbazole	18.84	167	231335	2.99 ng/ul	98
73) Di-n-butylphthalate	19.42	149	421728	3.34 ng/ul	98
74) Fluoranthene	20.54	202	288615	3.13 ng/ul#	92
77) Pyrene	20.90	202	358345	3.70 ng/ul	99
78) Butylbenzylphthalate	21.81	149	173968	2.77 ng/ul#	85
79) 3,3'-Dichlorobenzidine	22.67	252	51417	1.57 ng/ul#	92
80) Benzo(a)anthracene	22.77	228	293414	3.11 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.69	149	236798	2.83 ng/ul#	97
82) Chrysene	22.85	228	265738	3.00 ng/ul	99
84) Di-n-octyl phthalate	22.69	149	236798	3.41 ng/ul#	62
85) Benzo(b)fluoranthene	24.91	252	239706m	2.72 ng/ul	
86) Benzo(k)fluoranthene	24.98	252	225944	3.31 ng/ul	97
88) Benzo(a)pyrene	25.74	252	207076	2.79 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.16	276	145949	2.25 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.18	278	114231	2.13 ng/ul#	88
91) Benzo(g,h,i)perylene	30.16	276	117213	2.29 ng/ul#	90

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

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Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
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Sample : MDL-04-S-ML
Misc :
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Quant Time: Oct 19 12:23:50 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
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Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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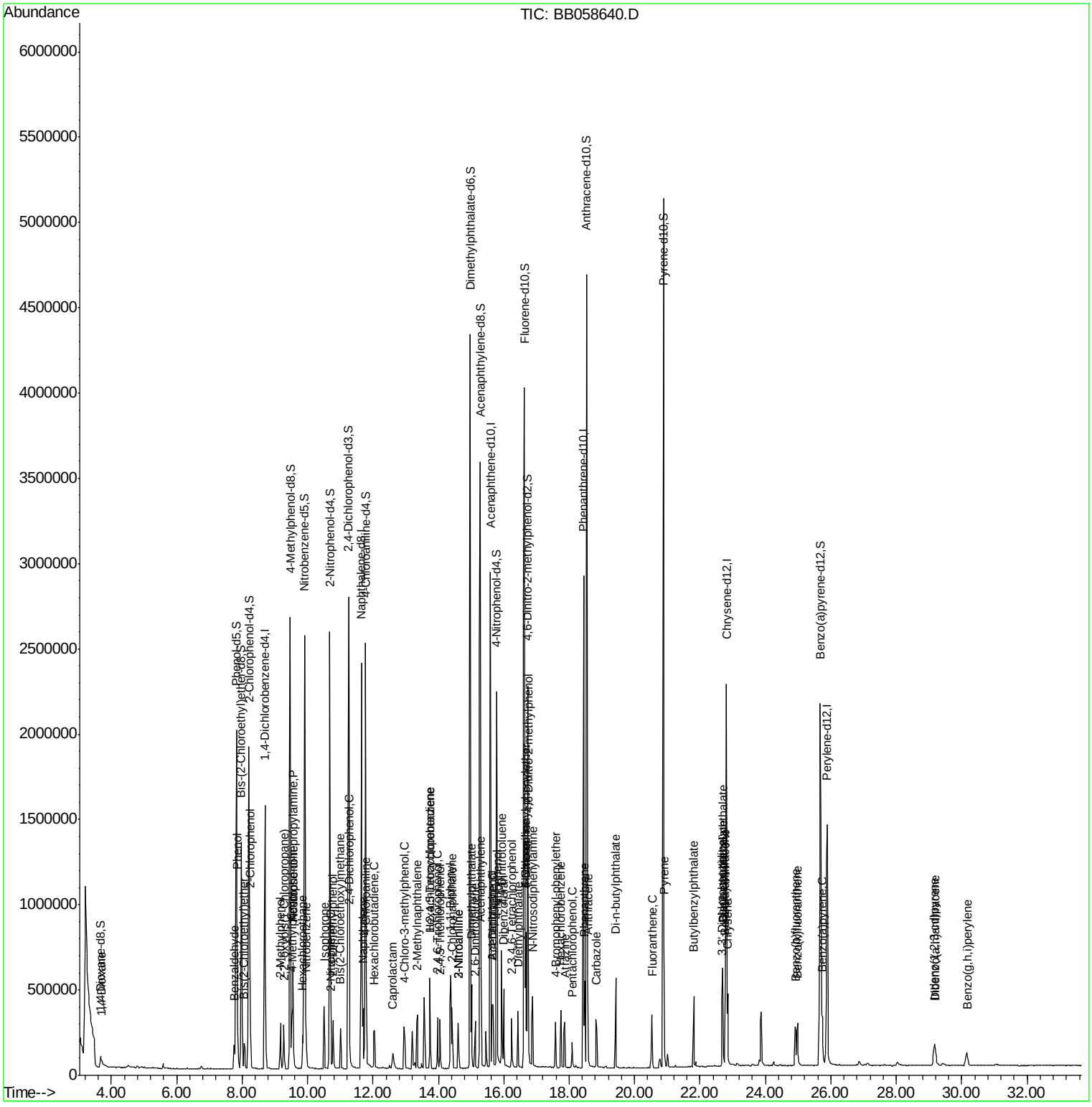
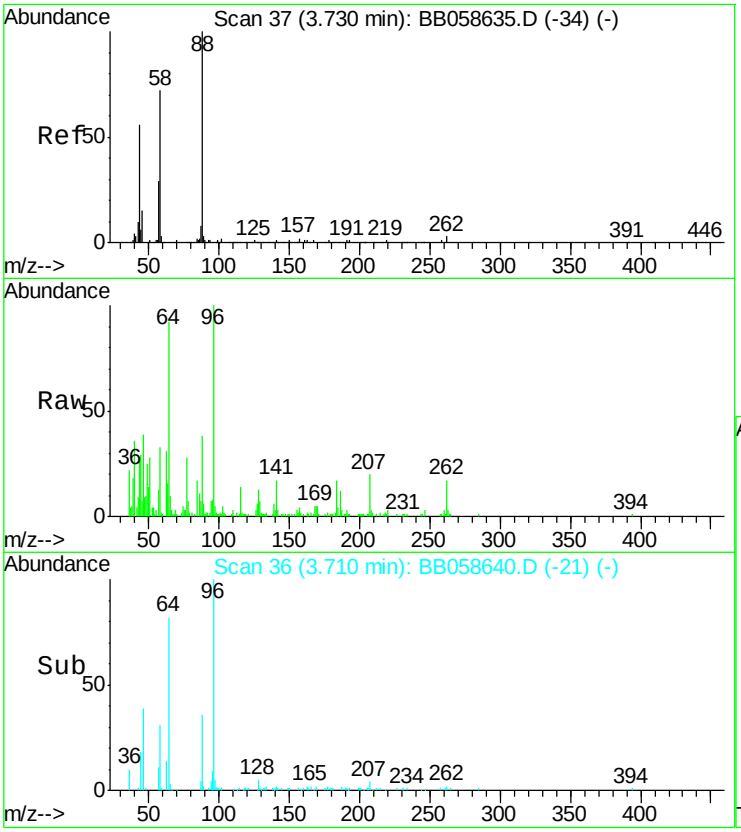
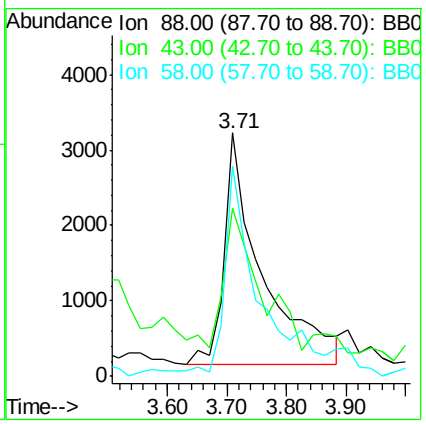




#2
1,4-Dioxane
Concen: 1.19 ng/uL
RT: 3.71 min Scan# 36
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 88 Resp: 13414

Ion	Ratio	Lower	Upper
88	100		
43	46.1	22.6	34.0#
58	67.4	57.3	85.9



Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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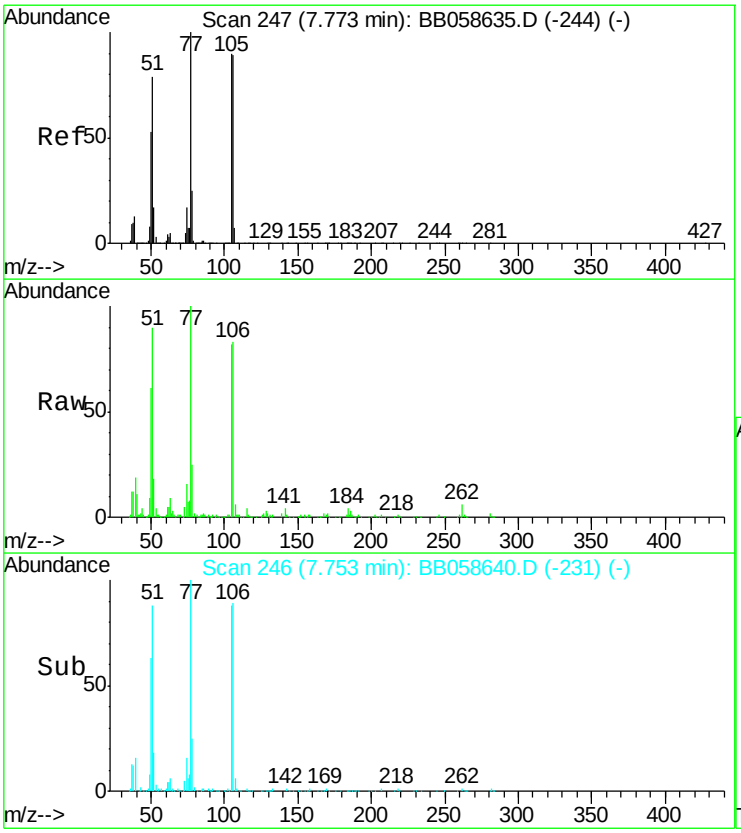
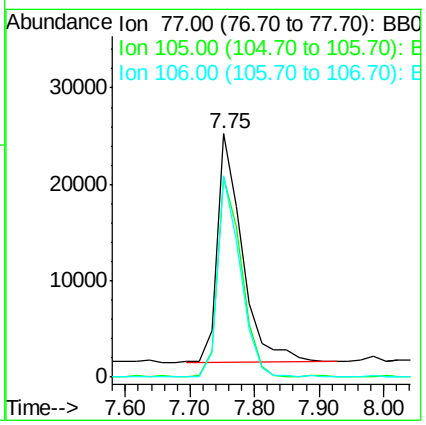
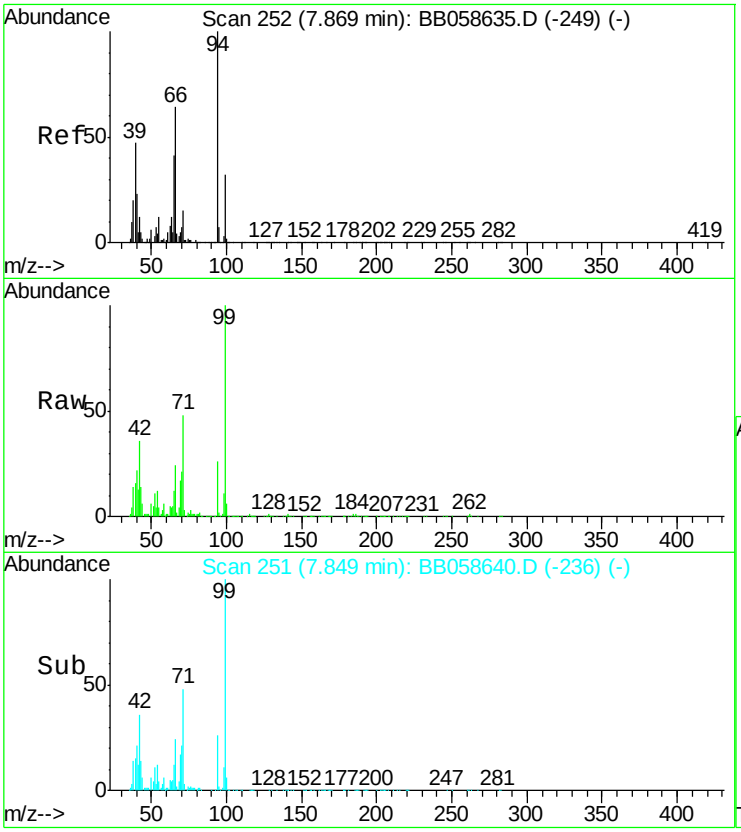


#4
Benzaldehyde
Concen: 2.63 ng/ul
RT: 7.75 min Scan# 246
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 77 Resp: 63274

Ion	Ratio	Lower	Upper
77	100		
105	82.0	76.9	115.3
106	82.8	71.8	107.8

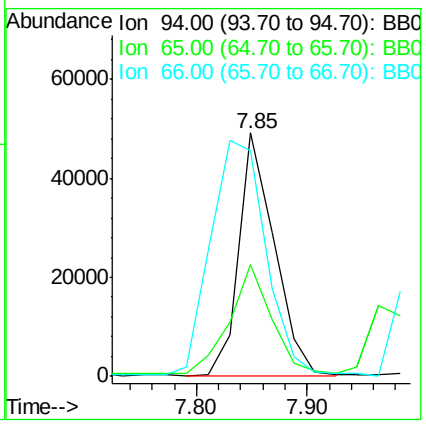




#6
Phenol
Concen: 2.95 ng/ul
RT: 7.85 min Scan# 251
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 94 Resp: 109101

Ion	Ratio	Lower	Upper
94	100		
65	46.1	23.9	35.9#
66	92.5	33.5	50.3#



Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

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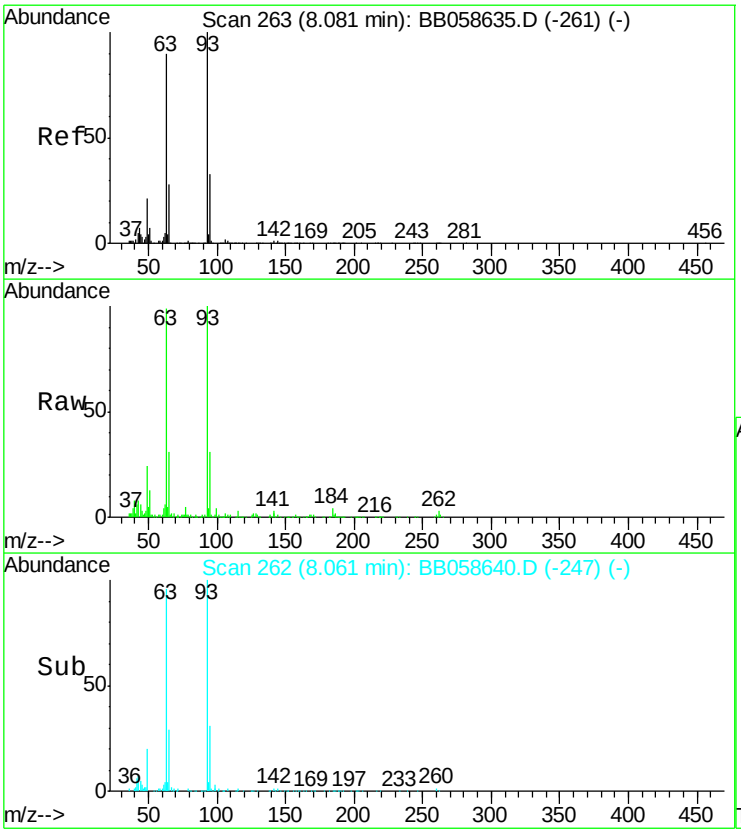
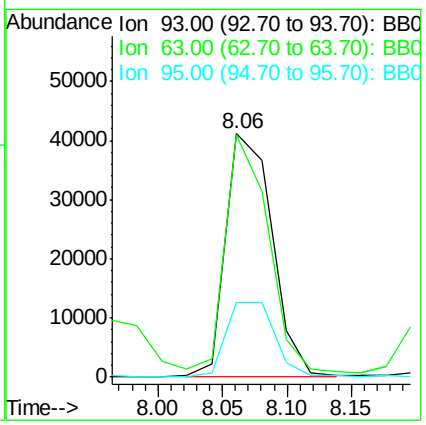
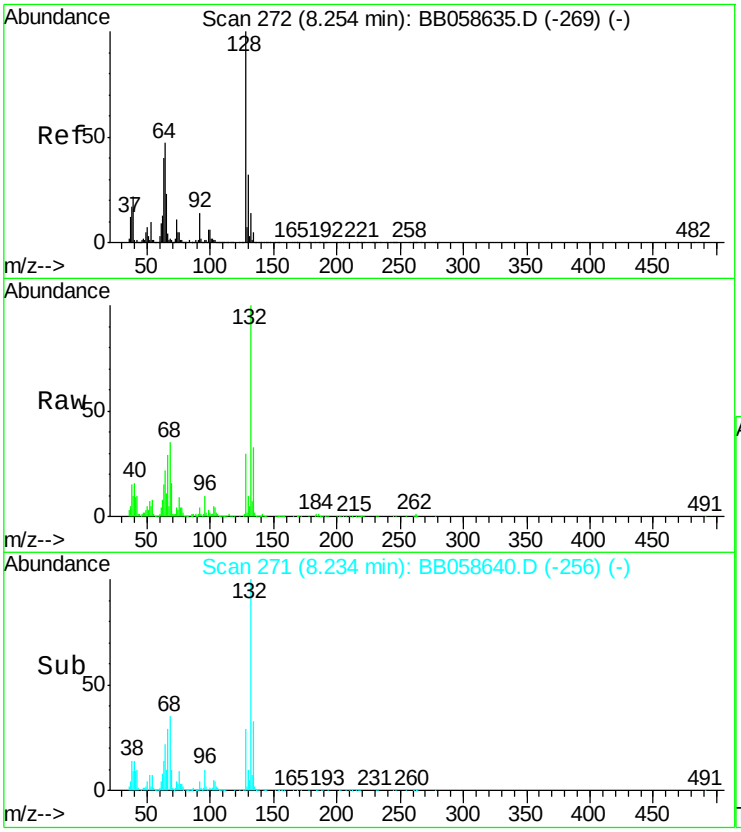


#8
Bis(2-Chloroethyl)ether
Concen: 3.35 ng/ul
RT: 8.06 min Scan# 262
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 93 Resp: 102363

Ion	Ratio	Lower	Upper
93	100		
63	99.5	57.3	85.9#
95	30.8	25.1	37.7

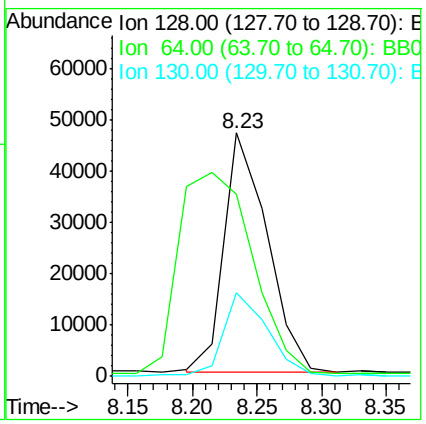




#10
2-Chlorophenol
Concen: 2.97 ng/ul
RT: 8.23 min Scan# 271
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:128 Resp: 109449

Ion	Ratio	Lower	Upper
128	100		
64	74.8	37.5	56.3#
130	34.3	25.0	37.4



Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

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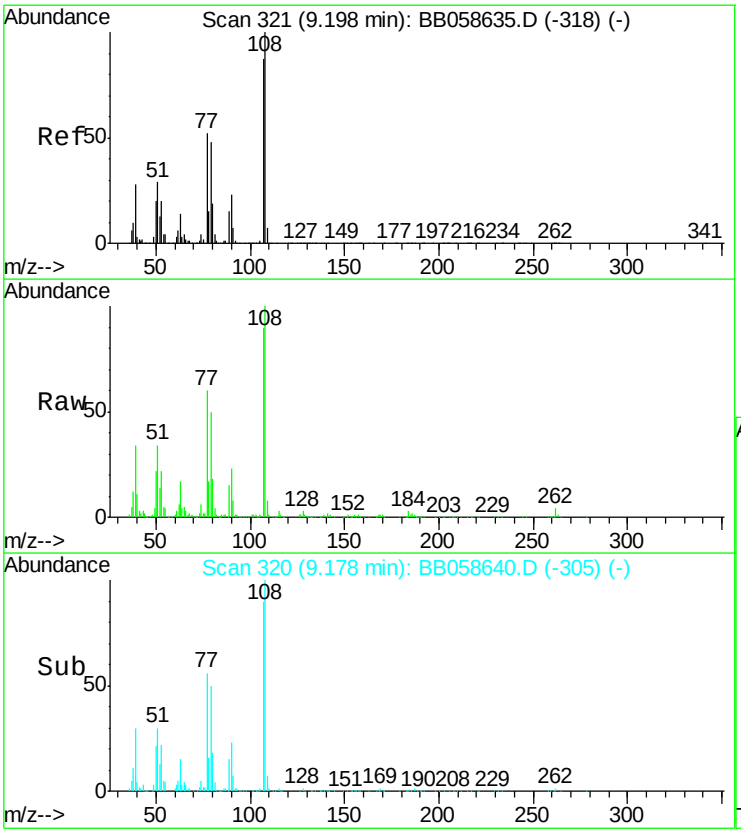
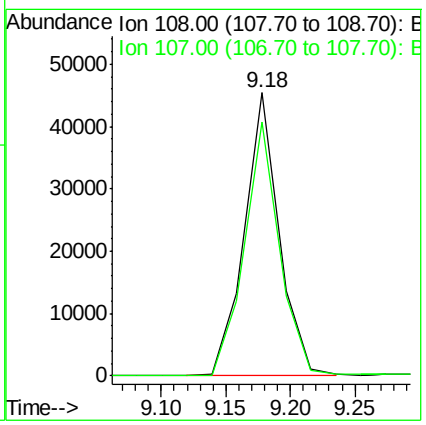
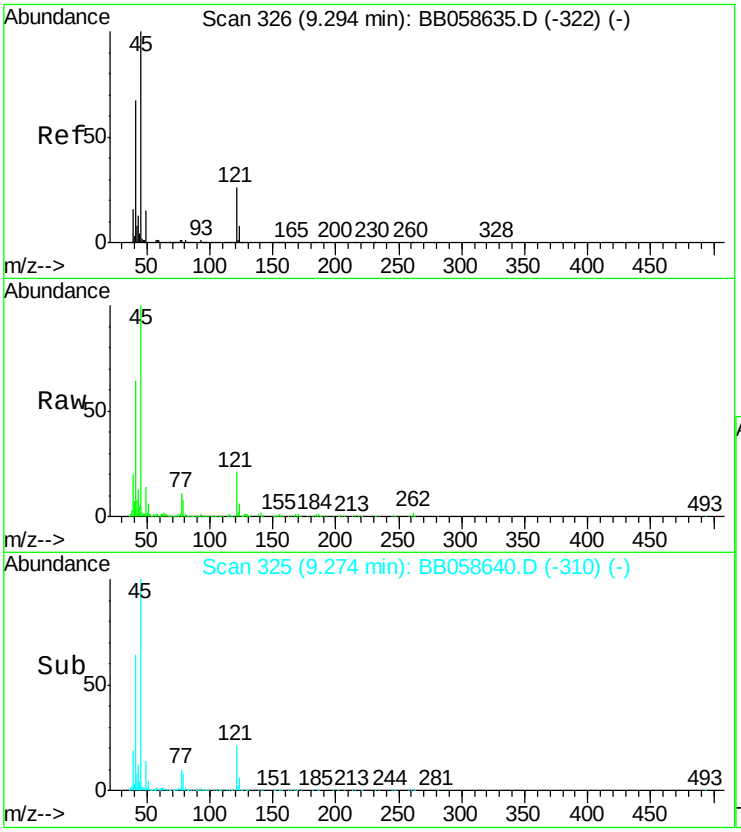


#11
2-Methylphenol
Concen: 2.86 ng/ul
RT: 9.18 min Scan# 320
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:108 Resp: 85060

Ion	Ratio	Lower	Upper
108	100		
107	89.5	71.8	107.6





#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.72 ng/ul
RT: 9.27 min Scan# 325
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 45 Resp: 200242

Ion	Ratio	Lower	Upper
45	100		
77	11.2	14.1	21.1#
79	7.9	10.4	15.6#

Instrument :
BNA_B
ClientSampleId :
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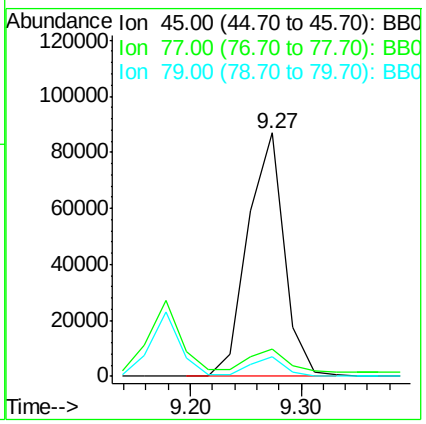
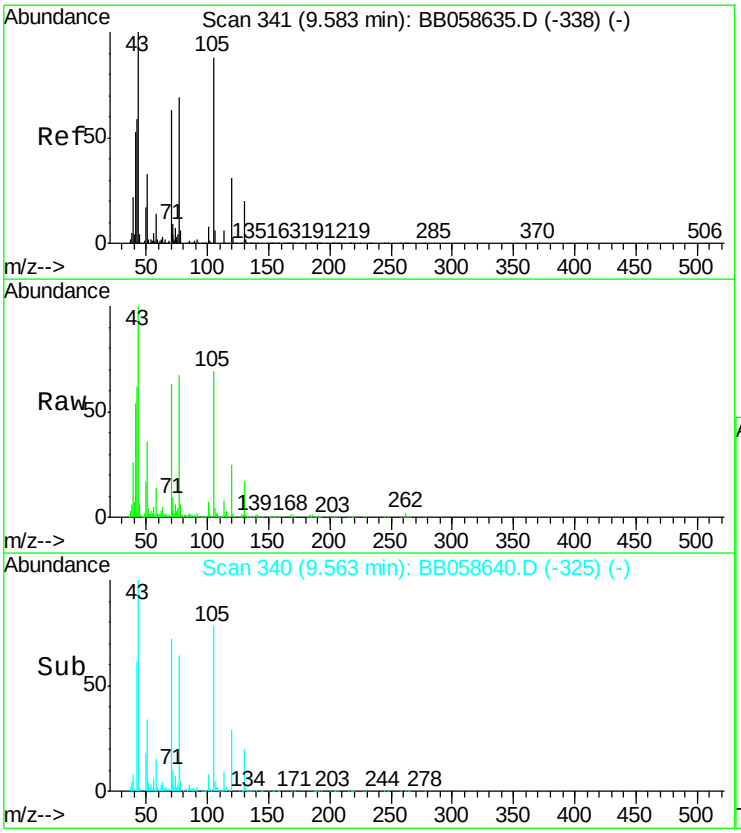
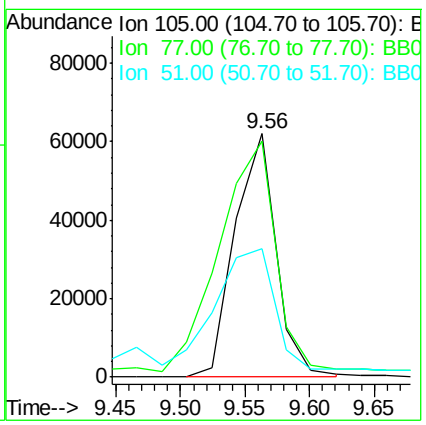


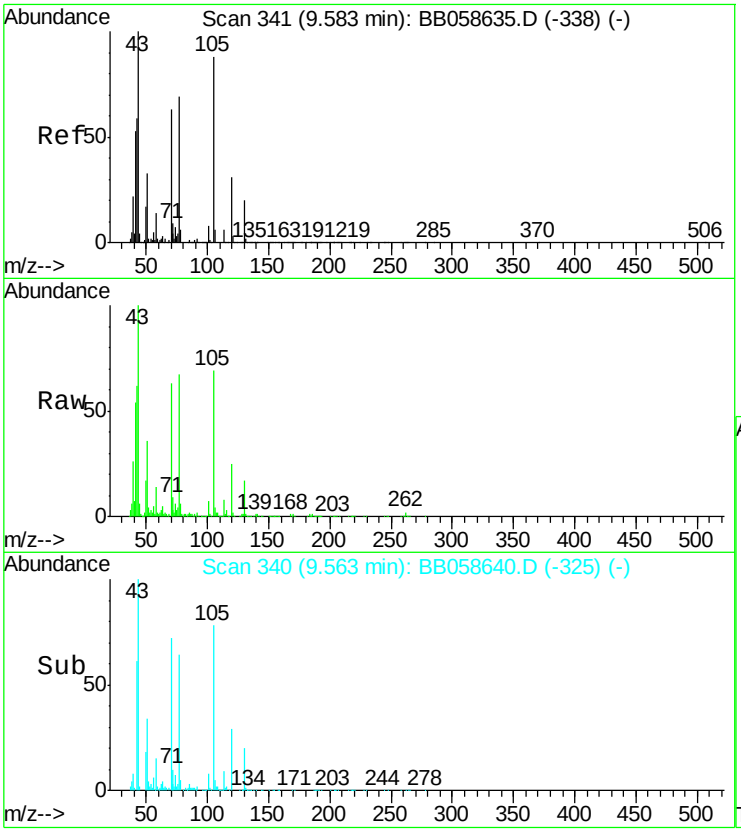


#14
Acetophenone
Concen: 3.01 ng/ul
RT: 9.56 min Scan# 340
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:105 Resp: 136431

Ion	Ratio	Lower	Upper
105	100		
77	97.1	65.9	98.9
51	52.6	22.2	33.2#

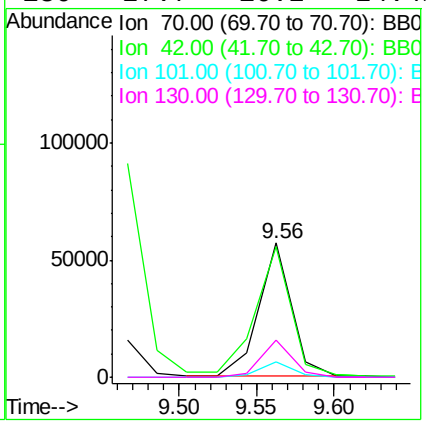




#15
N-Nitroso-di-n-propylamine
Concen: 3.18 ng/ul
RT: 9.56 min Scan# 340
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 70 Resp: 85241

Ion	Ratio	Lower	Upper
70	100		
42	97.7	43.4	65.2#
101	11.7	7.8	11.6#
130	27.7	16.2	24.4#



Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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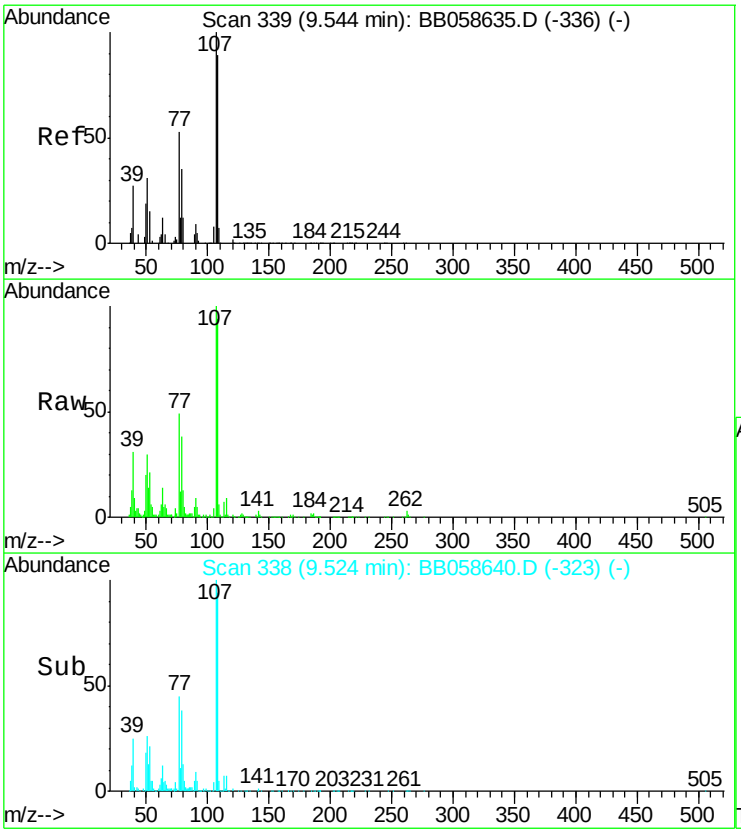
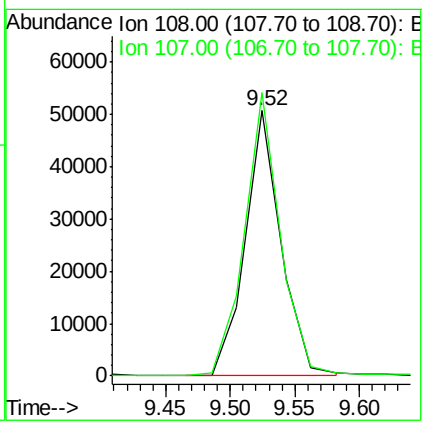
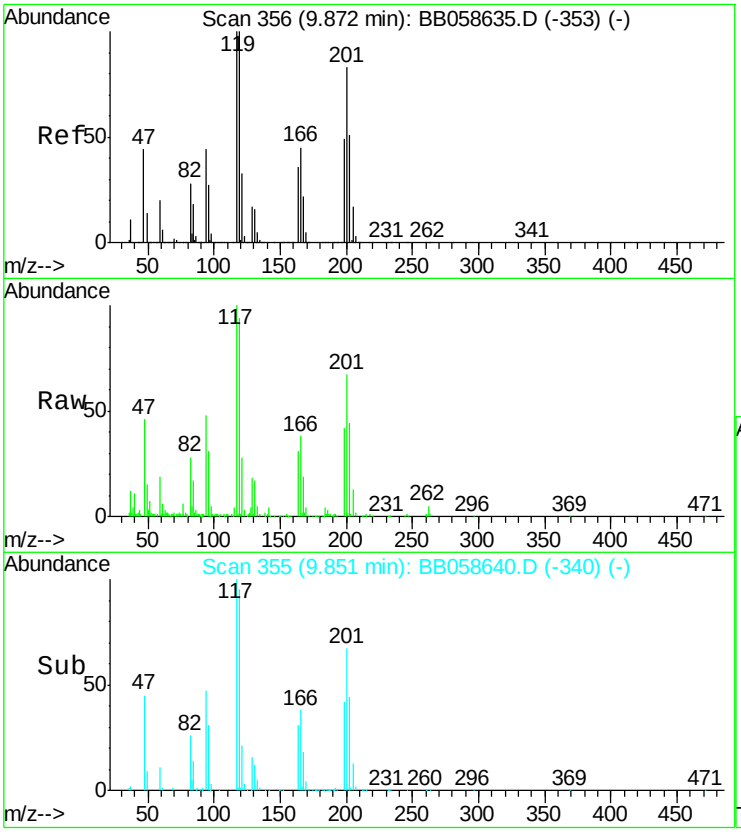


#16
4-Methylphenol
Concen: 3.02 ng/ul
RT: 9.52 min Scan# 338
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:108 Resp: 97233

Ion	Ratio	Lower	Upper
108	100		
107	106.7	87.8	131.8

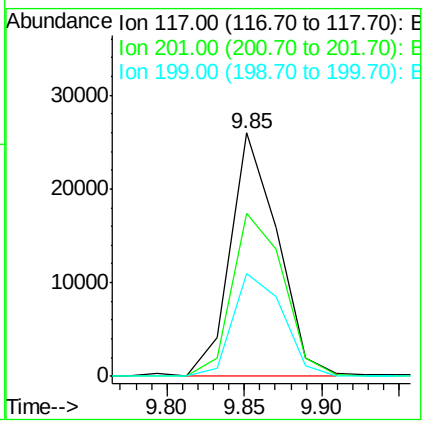




#17
Hexachloroethane
Concen: 3.09 ng/ul
RT: 9.85 min Scan# 355
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:117 Resp: 55187

Ion	Ratio	Lower	Upper
117	100		
201	67.1	90.3	135.5#
199	42.1	58.5	87.7#



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ClientSampleId :
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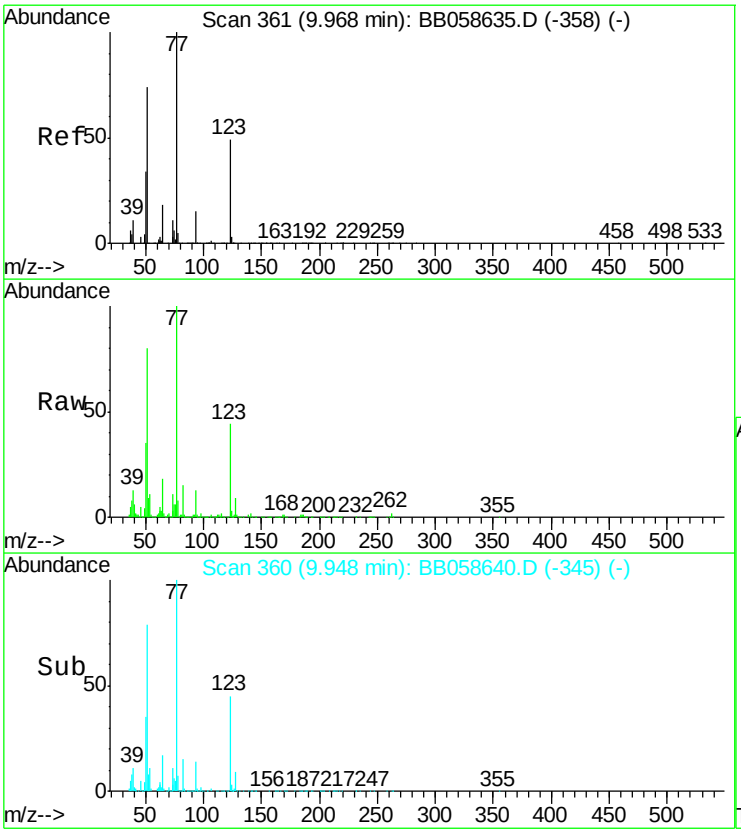
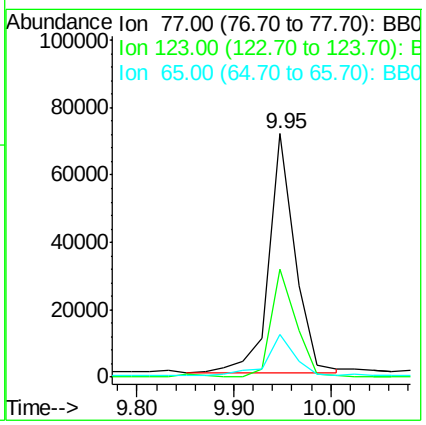
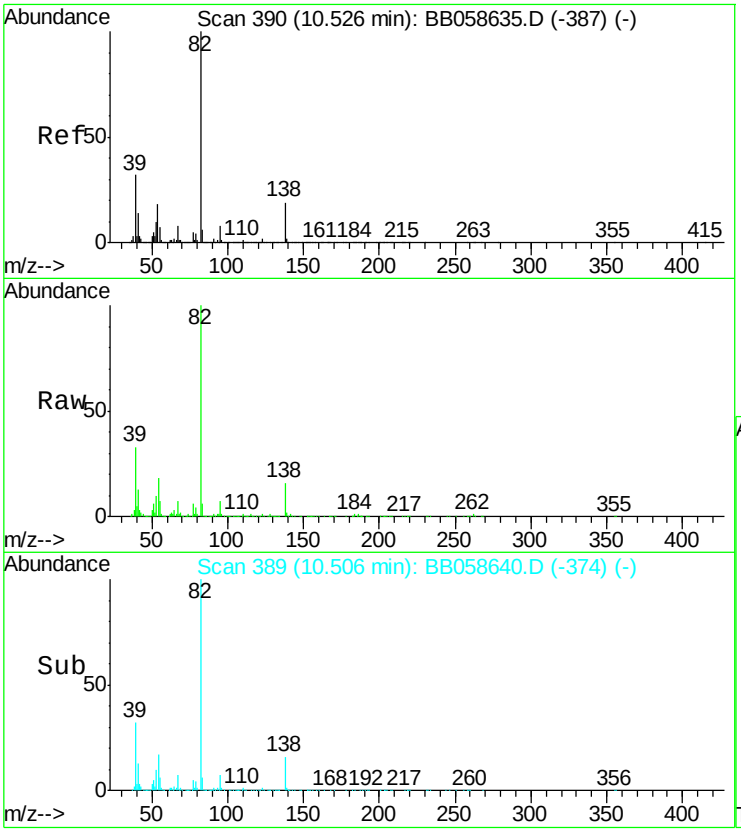


#20
Nitrobenzene
Concen: 3.49 ng/ul
RT: 9.95 min Scan# 360
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 77 Resp: 131938

Ion	Ratio	Lower	Upper
77	100		
123	44.1	34.2	51.4
65	17.7	11.0	16.6#

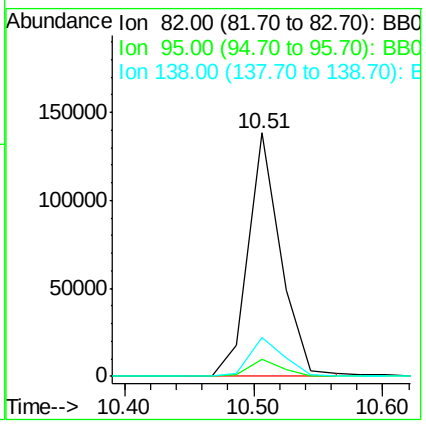




#21
Isophorone
Concen: 3.31 ng/ul
RT: 10.51 min Scan# 389
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 82 Resp: 241493

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.9	10.3#
138	15.8	13.8	20.8



Instrument :
BNA_B
ClientSampleId :
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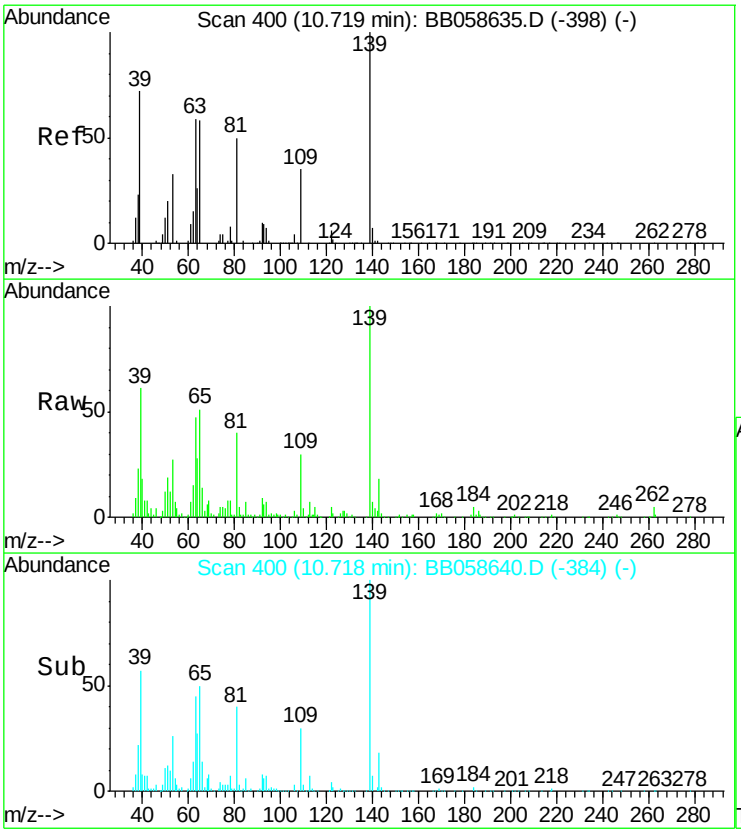
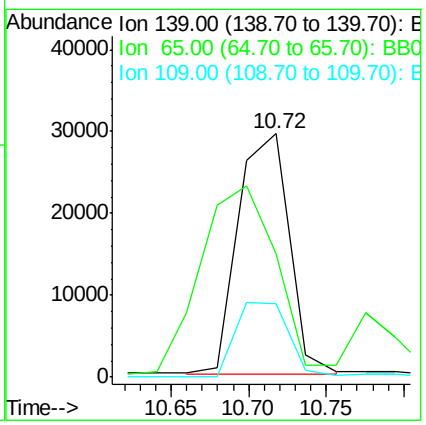
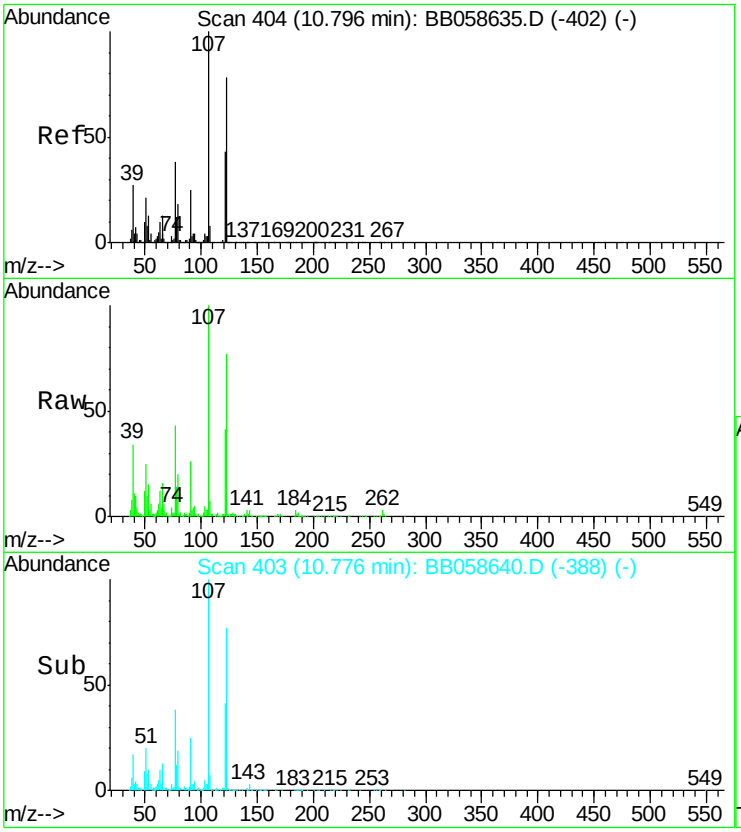


#23
2-Nitrophenol
Concen: 3.02 ng/ul
RT: 10.72 min Scan# 400
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:139 Resp: 68379

Ion	Ratio	Lower	Upper
139	100		
65	50.6	44.2	66.4
109	29.9	28.2	42.4

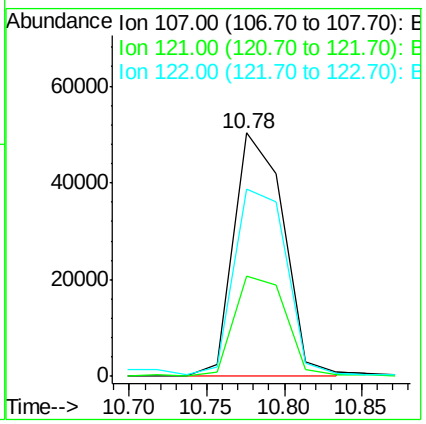




#24
2,4-Dimethylphenol
Concen: 3.07 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:107 Resp: 113703

Ion	Ratio	Lower	Upper
107	100		
121	41.1	37.1	55.7
122	77.1	62.8	94.2



Instrument :
BNA_B
ClientSampleId :
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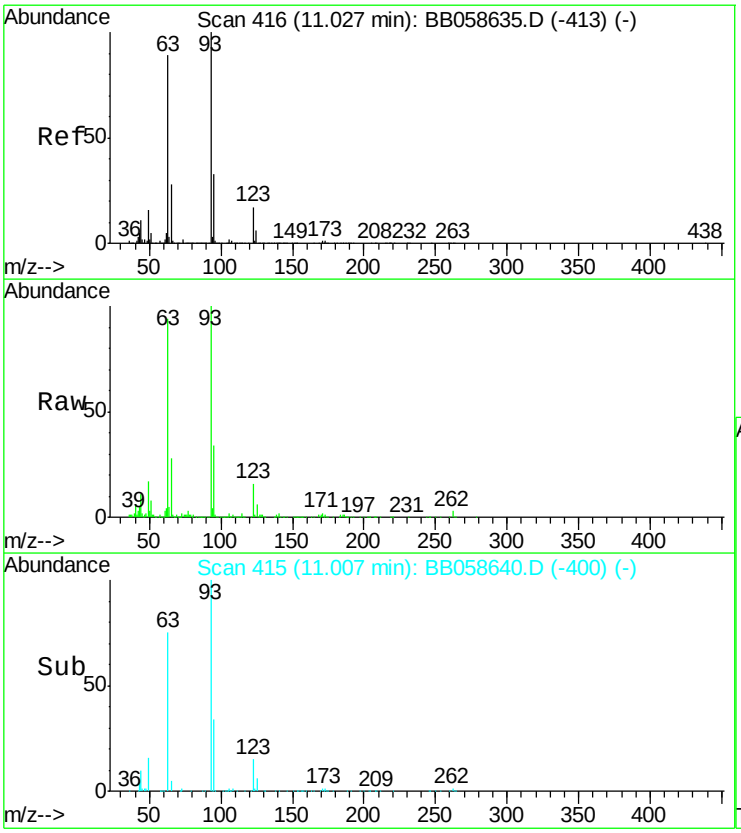
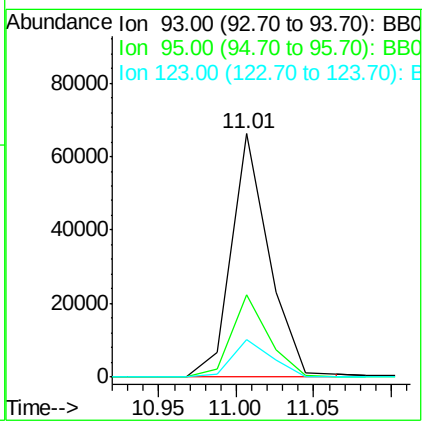
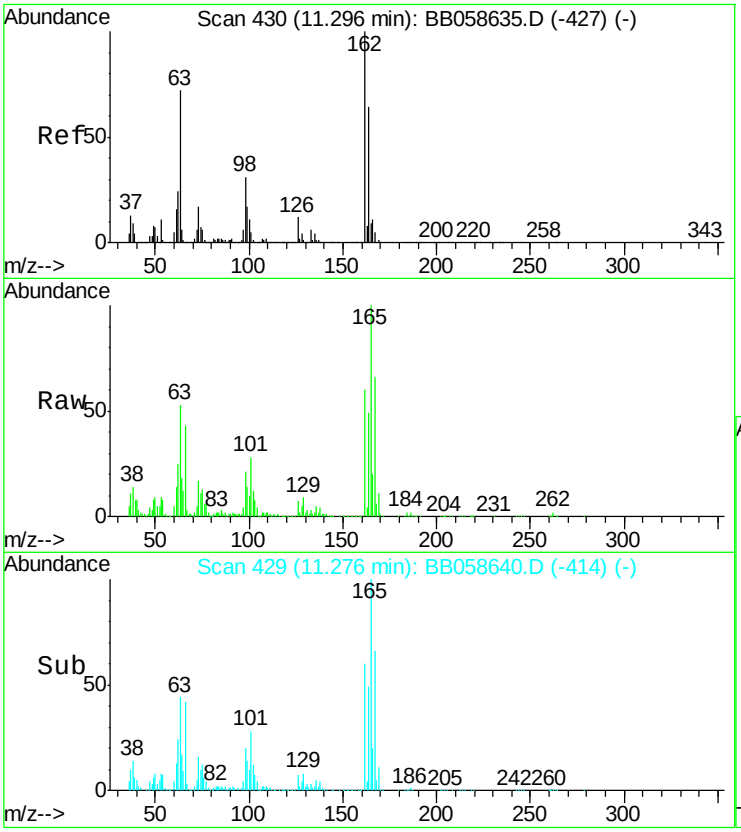


#25
Bis(2-Chloroethoxy)methane
Concen: 3.20 ng/ul
RT: 11.01 min Scan# 415
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 93 Resp: 112595

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.4	38.0
123	15.6	8.3	12.5#

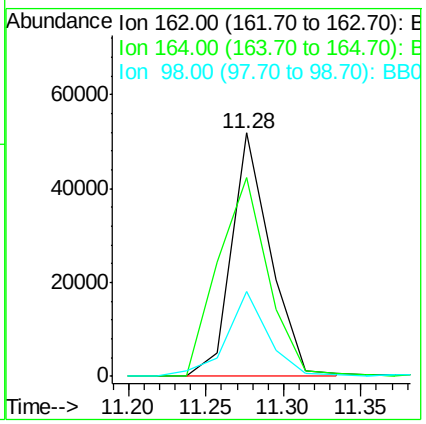




#27
2,4-Dichlorophenol
Concen: 2.94 ng/ul
RT: 11.28 min Scan# 429
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:162 Resp: 90625

Ion	Ratio	Lower	Upper
162	100		
164	81.8	51.6	77.4#
98	34.7	28.4	42.6



Instrument :
BNA_B
ClientSampleId :
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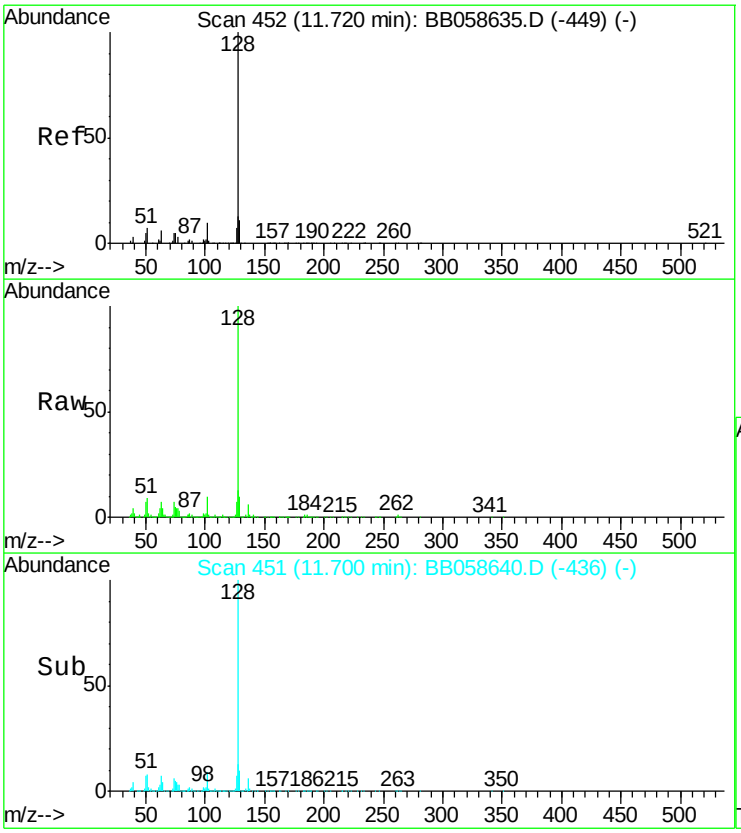
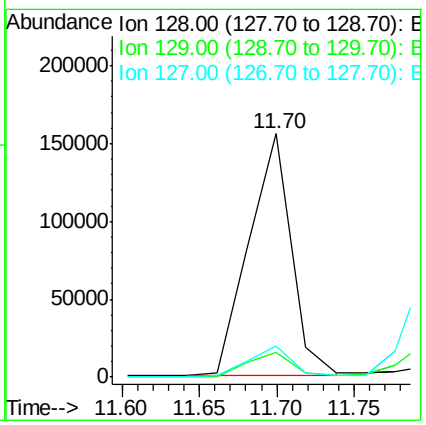
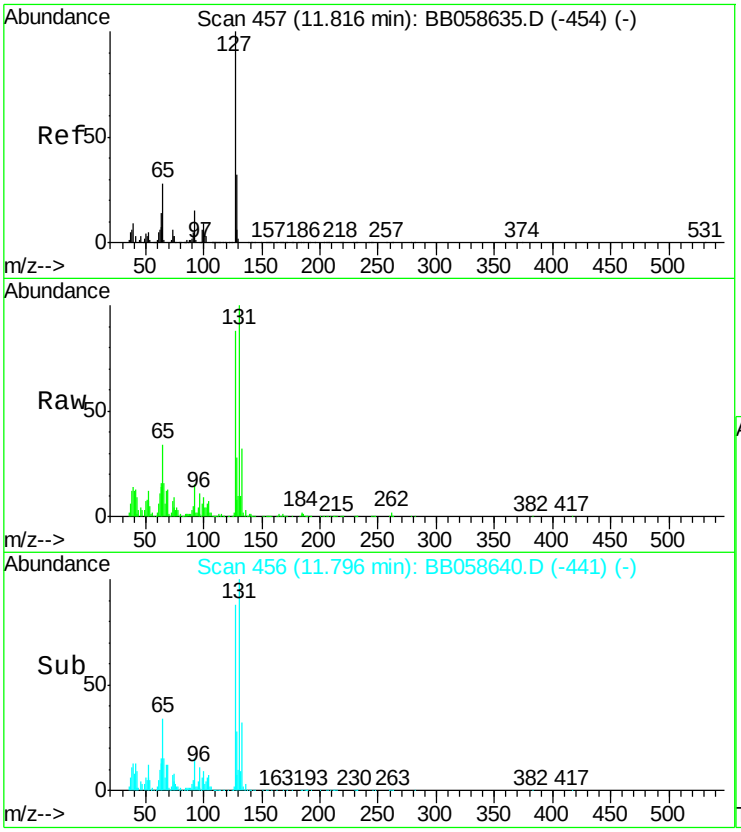


#28
Naphthalene
Concen: 3.19 ng/ul
RT: 11.70 min Scan# 451
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:128 Resp: 296569

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	12.9	10.6	15.8

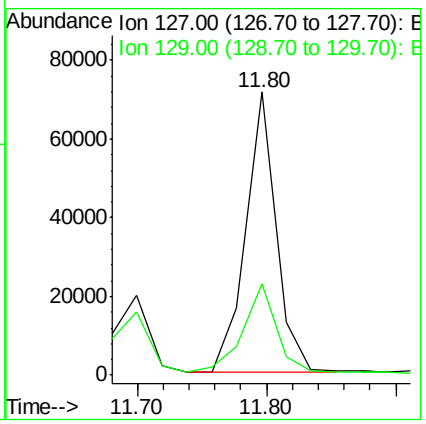




#30
4-Chloroaniline
Concen: 3.33 ng/ul
RT: 11.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:127 Resp: 116877

Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	37.0



Instrument :
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ClientSampleId :
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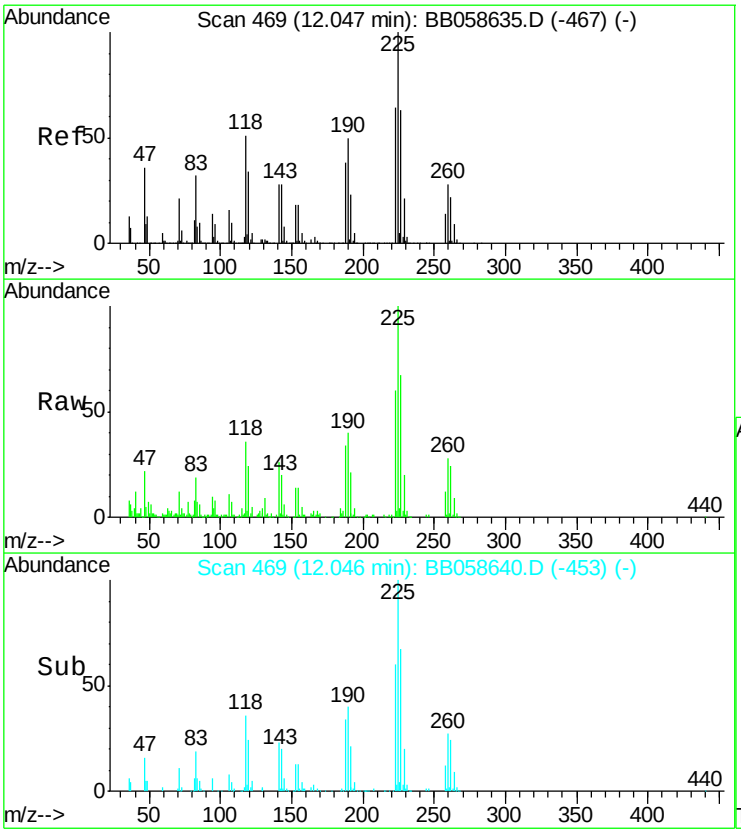
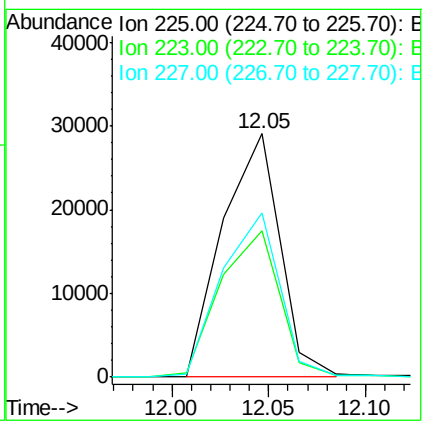
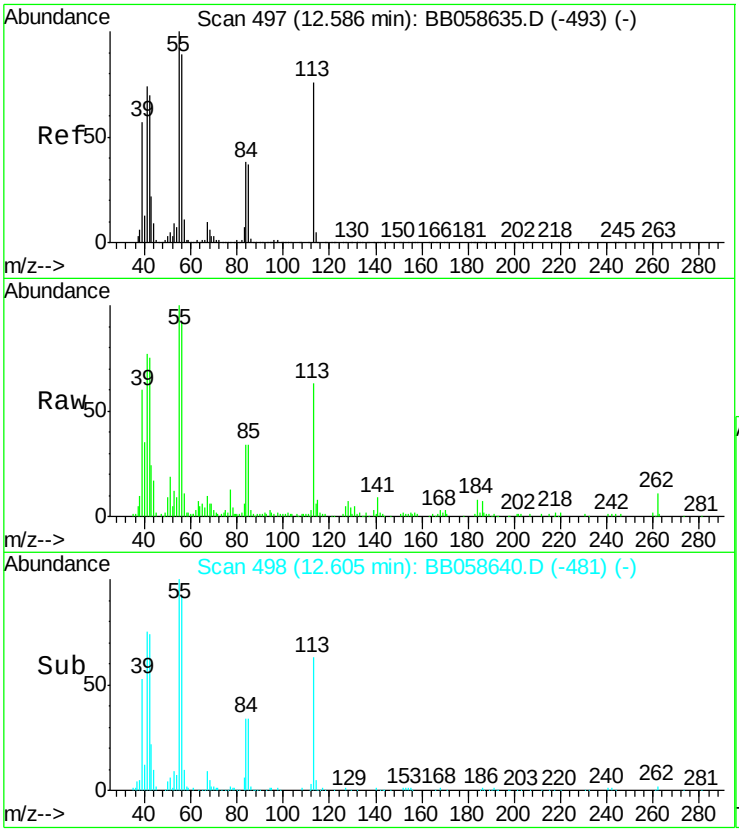


#31
Hexachlorobutadiene
Concen: 2.83 ng/ul
RT: 12.05 min Scan# 469
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:225 Resp: 59440

Ion	Ratio	Lower	Upper
225	100		
223	58.0	51.2	76.8
227	64.8	52.5	78.7

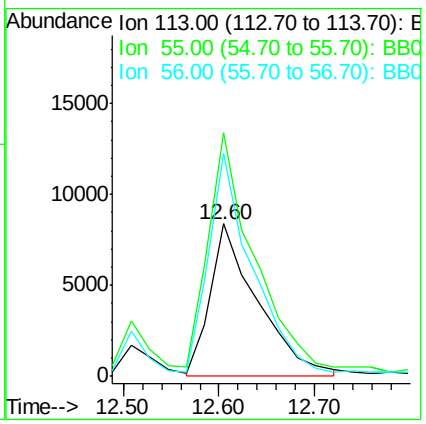




#32
Caprolactam
Concen: 2.59 ng/ul m
RT: 12.60 min Scan# 498
Delta R.T. 0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:113 Resp: 29021

Ion	Ratio	Lower	Upper
113	100		
55	159.6	121.9	182.9
56	146.1	97.4	146.0#



Instrument :
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ClientSampleId :
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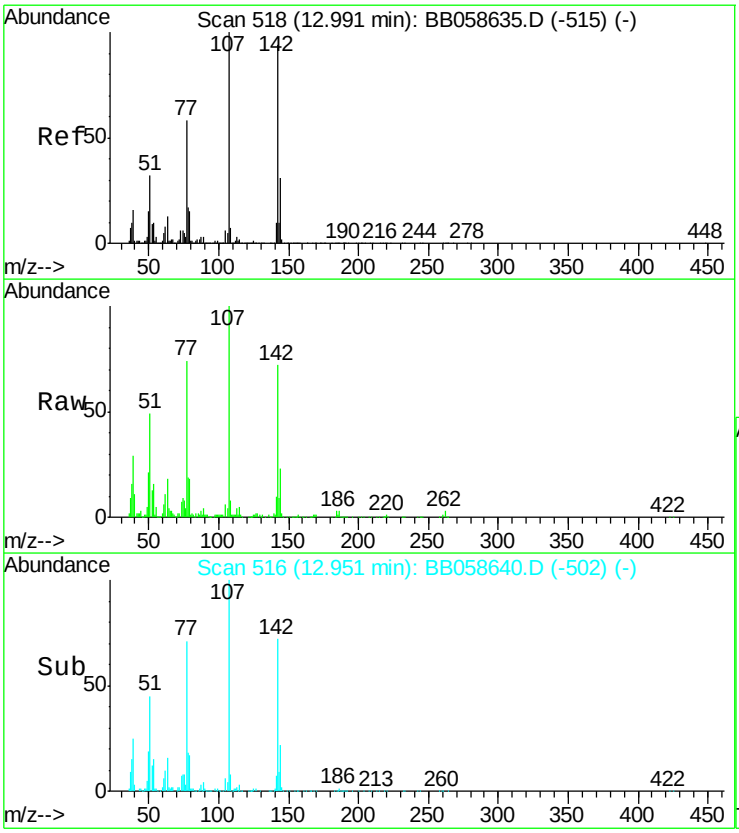
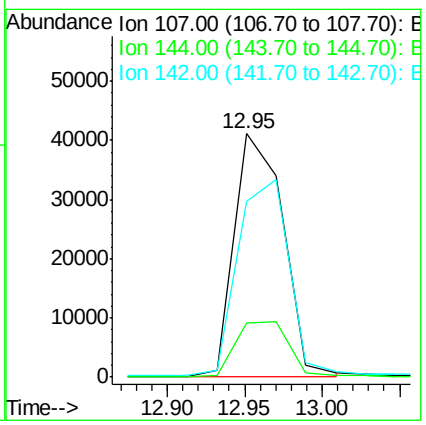
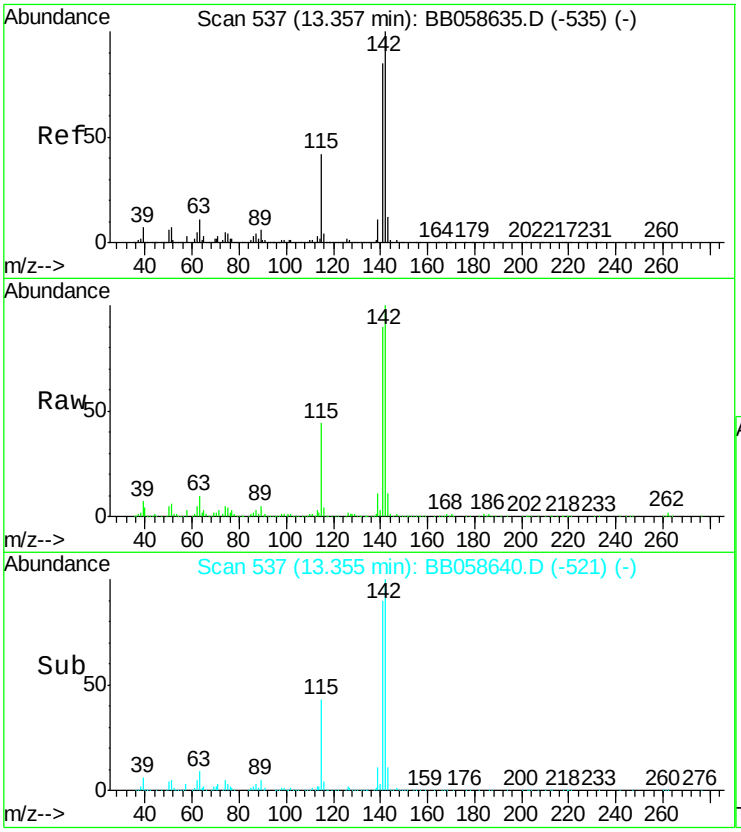


#33
4-Chloro-3-methylphenol
Concen: 2.96 ng/ul
RT: 12.95 min Scan# 516
Delta R.T. -0.04 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:107 Resp: 90802

Ion	Ratio	Lower	Upper
107	100		
144	22.5	21.1	31.7
142	72.2	64.1	96.1





#34
2-Methylnaphthalene
Concen: 3.05 ng/ul
RT: 13.36 min Scan# 537
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:142 Resp: 195436

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9

Instrument :
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ClientSampleId :
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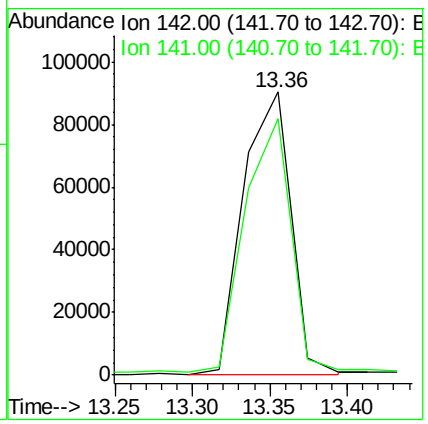
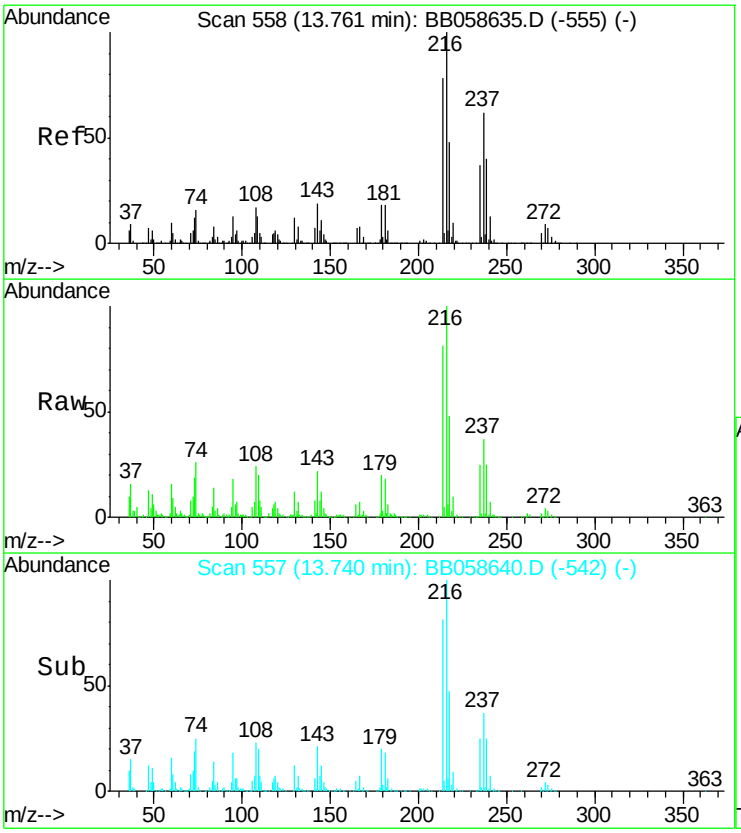
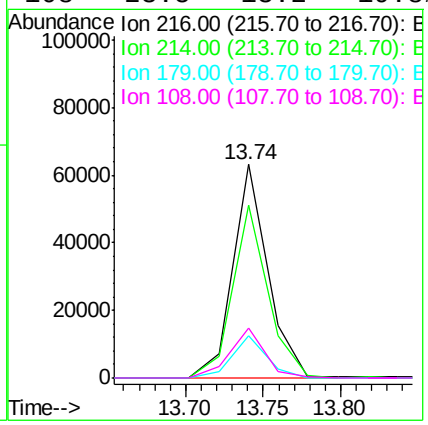


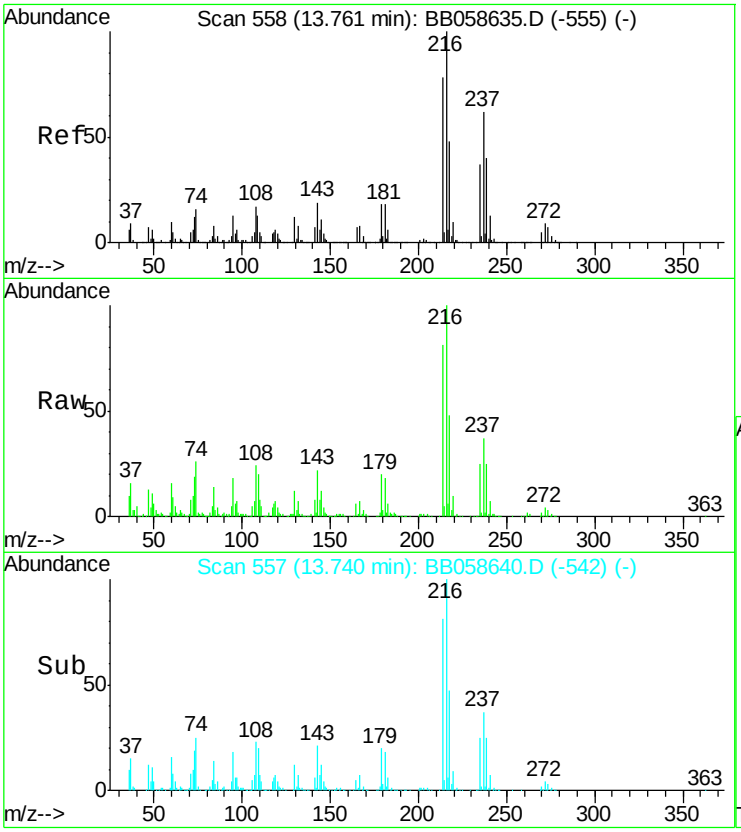


#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.93 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:216 Resp: 100602

Ion	Ratio	Lower	Upper
216	100		
214	80.9	64.8	97.2
179	19.9	16.7	25.1
108	23.5	13.2	19.8#

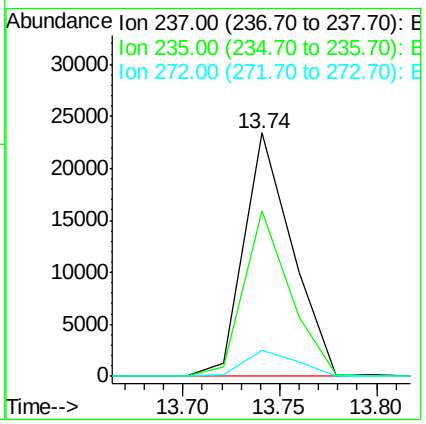




#37
Hexachlorocyclopentadiene
Concen: 1.84 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:237 Resp: 39977

Ion	Ratio	Lower	Upper
237	100		
235	72.3	49.6	74.4
272	10.9	10.4	15.6



Instrument :
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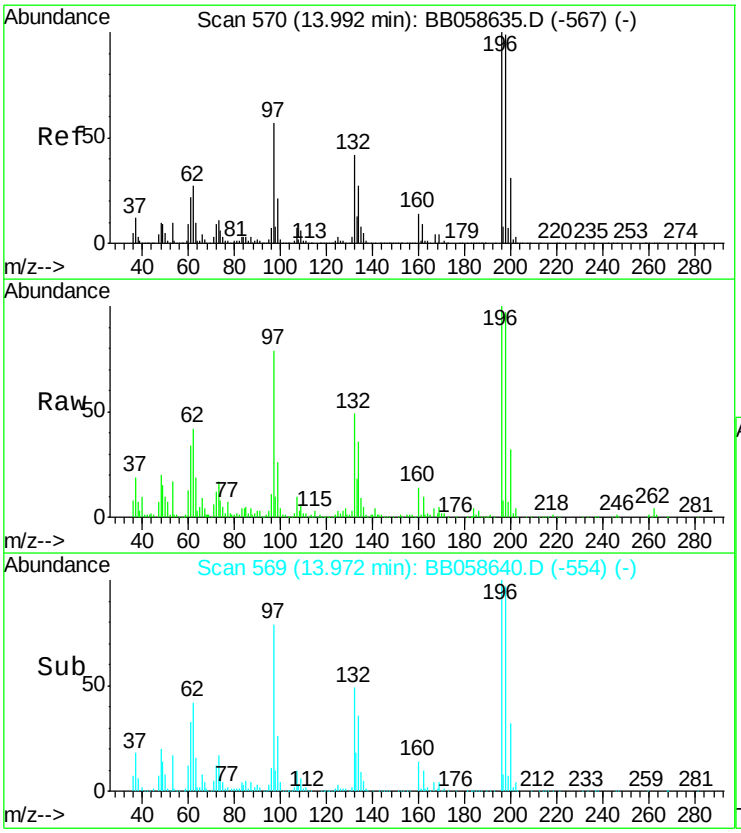
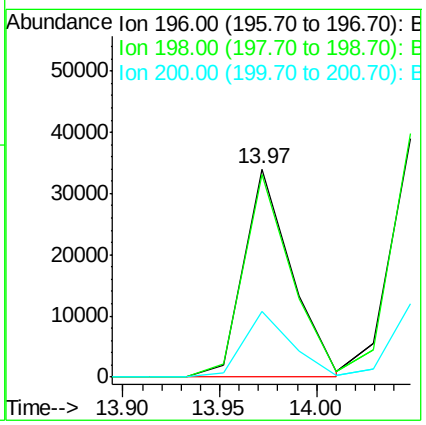
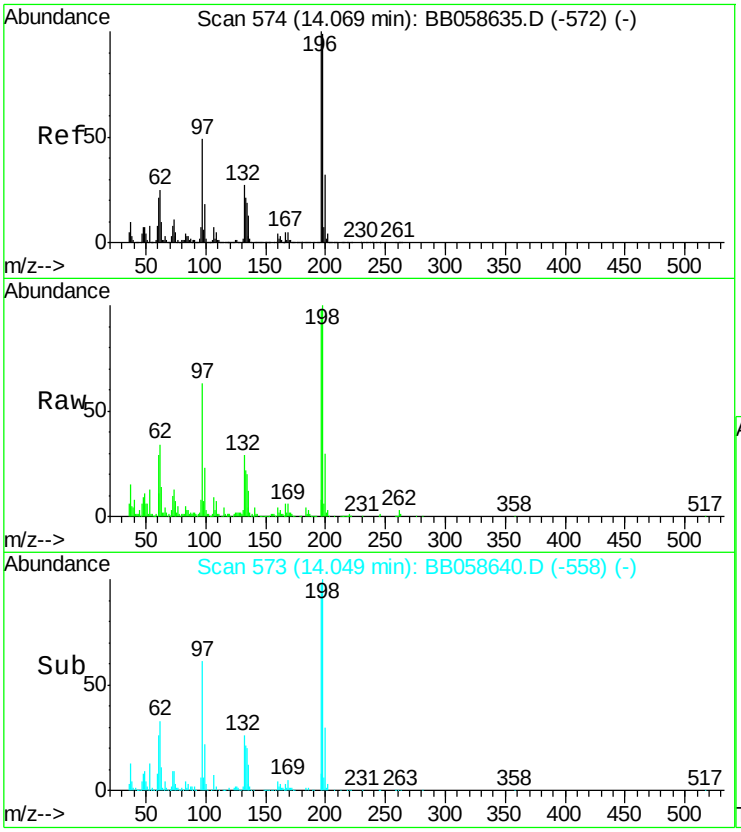


#38
2,4,6-Trichlorophenol
Concen: 2.77 ng/ul
RT: 13.97 min Scan# 569
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:196 Resp: 57887

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.9	115.3
200	33.6	25.1	37.7

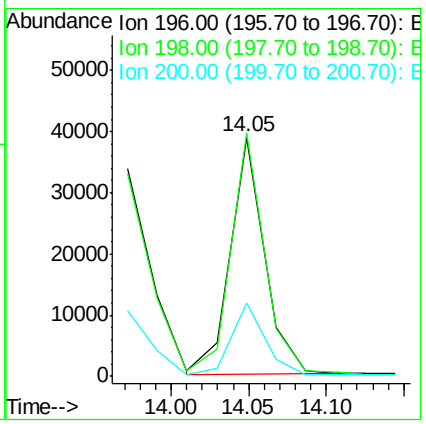




#39
2,4,5-Trichlorophenol
Concen: 2.71 ng/ul
RT: 14.05 min Scan# 573
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:196 Resp: 59955

Ion	Ratio	Lower	Upper
196	100		
198	102.1	76.8	115.2
200	30.9	27.0	40.4



Instrument :
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ClientSampleId :
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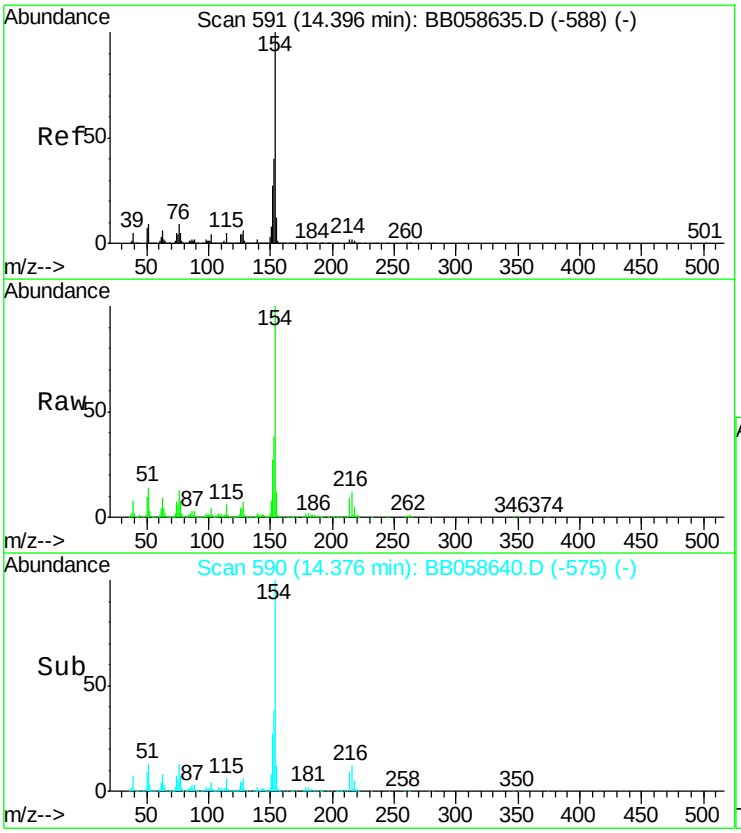
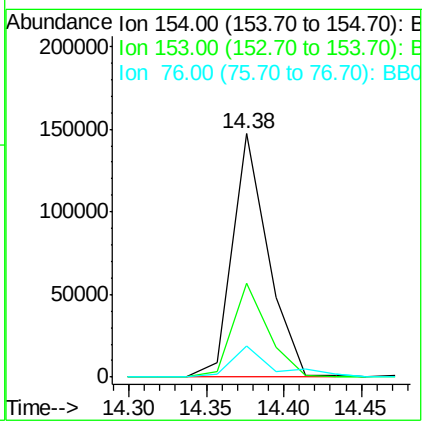
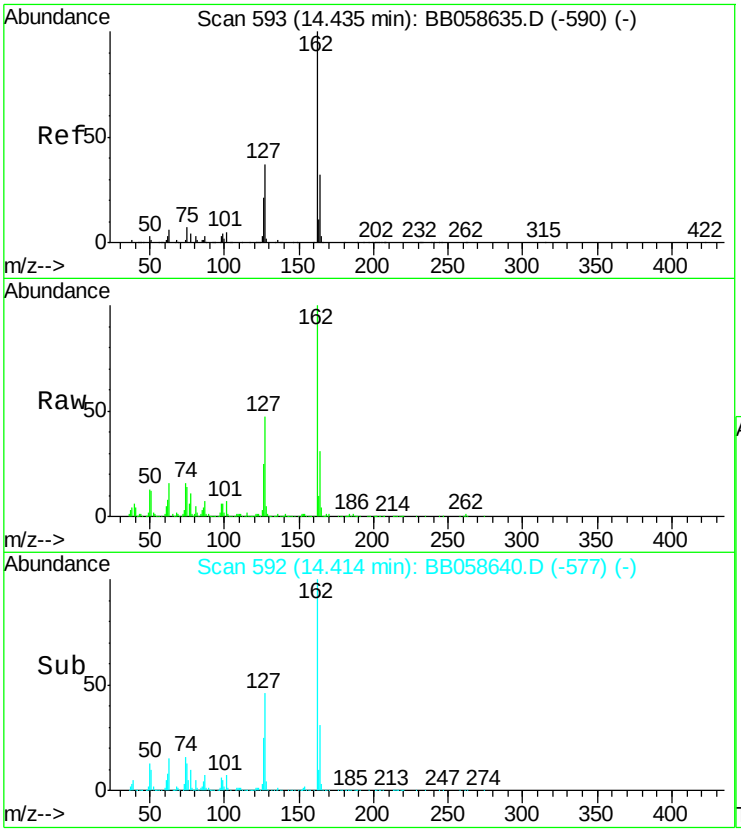


#40
1,1'-Biphenyl
Concen: 3.16 ng/ul
RT: 14.38 min Scan# 590
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:154 Resp: 237092

Ion	Ratio	Lower	Upper
154	100		
153	38.4	31.3	46.9
76	12.9	10.0	15.0

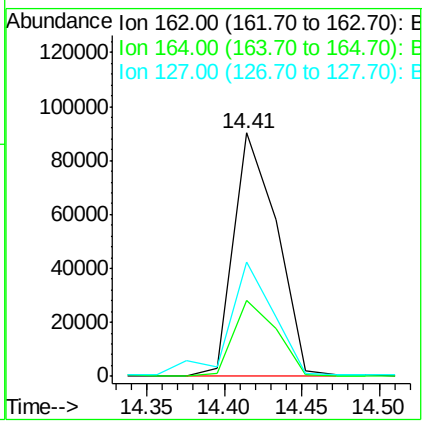




#41
2-Chloronaphthalene
Concen: 2.98 ng/ul
RT: 14.41 min Scan# 592
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:162 Resp: 178298

Ion	Ratio	Lower	Upper
162	100		
164	30.9	26.9	40.3
127	47.0	31.2	46.8#



Instrument :
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ClientSampleId :
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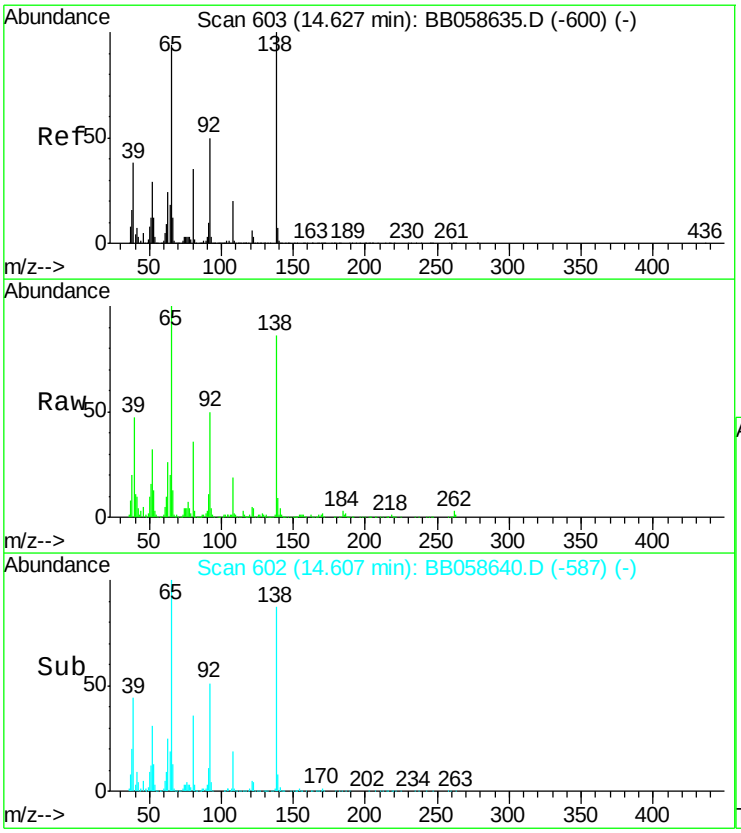
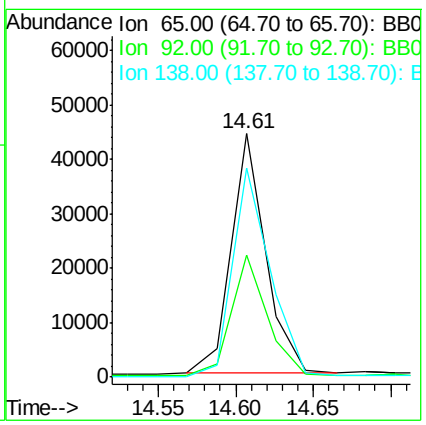
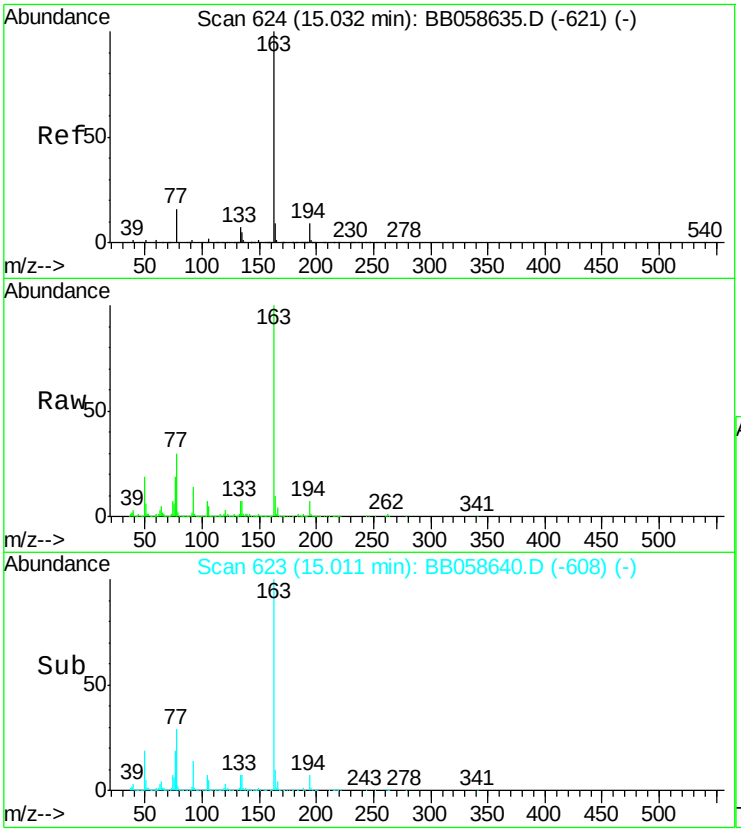


#42
2-Nitroaniline
Concen: 2.98 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion: 65 Resp: 68414

Ion	Ratio	Lower	Upper
65	100		
92	50.3	55.6	83.4#
138	85.9	81.3	121.9

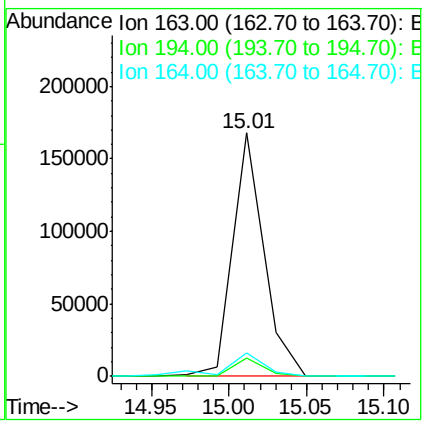




#44
Dimethylphthalate
Concen: 3.16 ng/ul
RT: 15.01 min Scan# 623
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:163 Resp: 235168

Ion	Ratio	Lower	Upper
163	100		
194	7.3	3.4	5.2#
164	9.8	7.8	11.8



Instrument :
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ClientSampleId :
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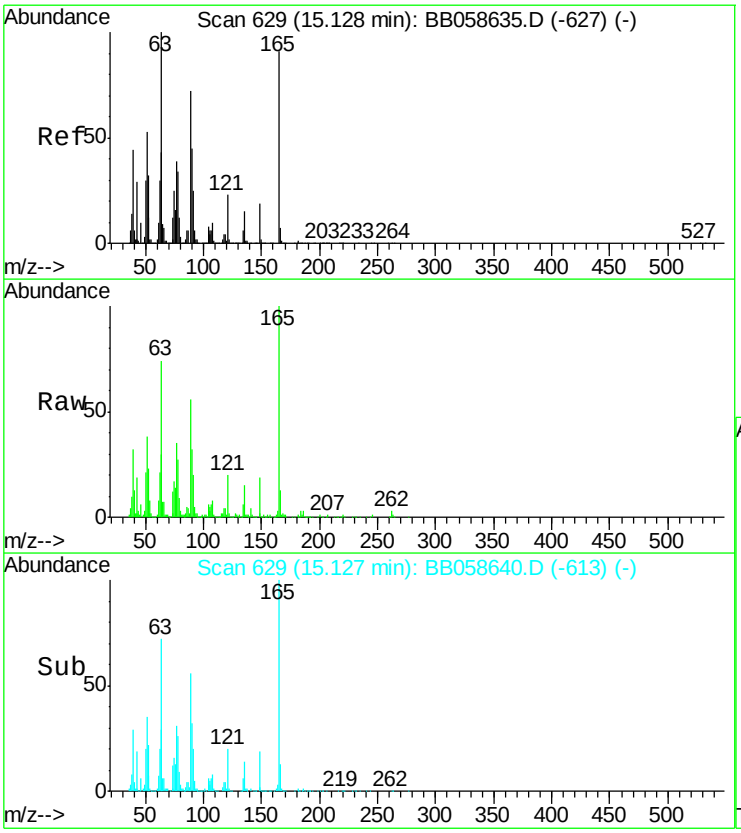
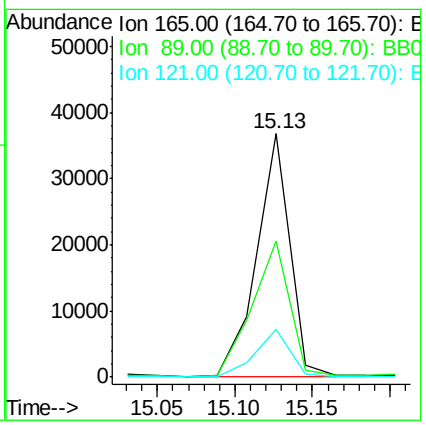
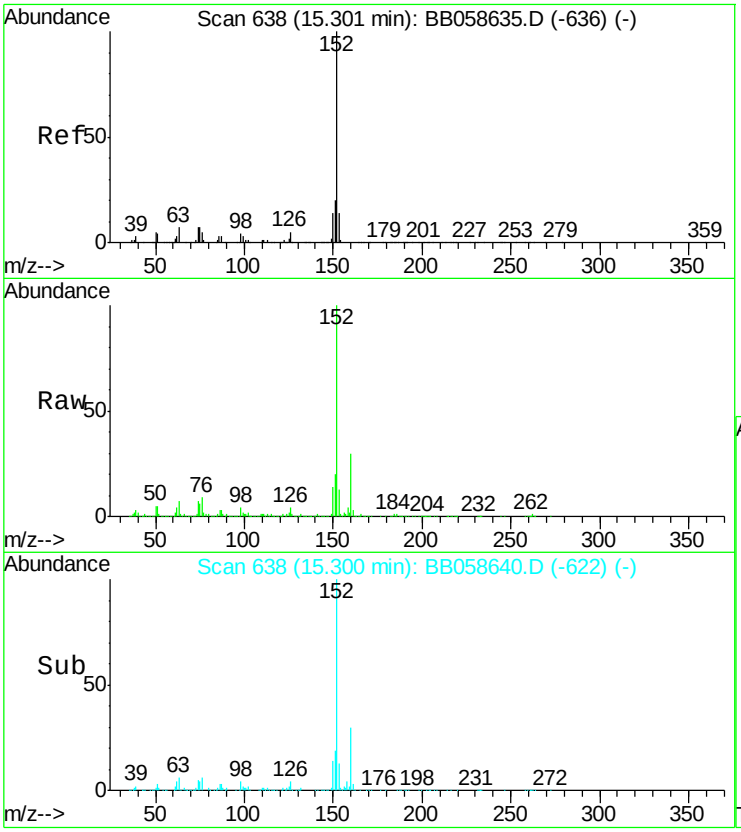


#45
2,6-Dinitrotoluene
Concen: 2.95 ng/ul
RT: 15.13 min Scan# 629
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:165 Resp: 55416

Ion	Ratio	Lower	Upper
165	100		
89	55.7	46.6	69.8
121	19.8	16.0	24.0

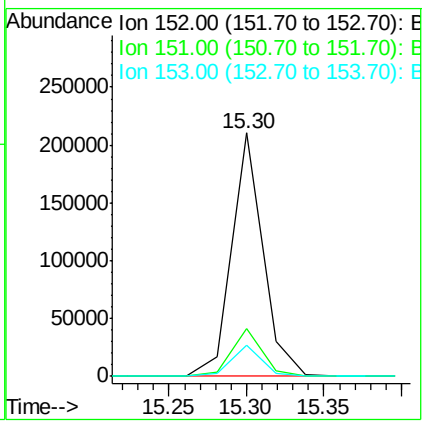




#47
Acenaphthylene
Concen: 3.51 ng/ul
RT: 15.30 min Scan# 638
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:152 Resp: 298598

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.0	11.0	16.6



Instrument :
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ClientSampleId :
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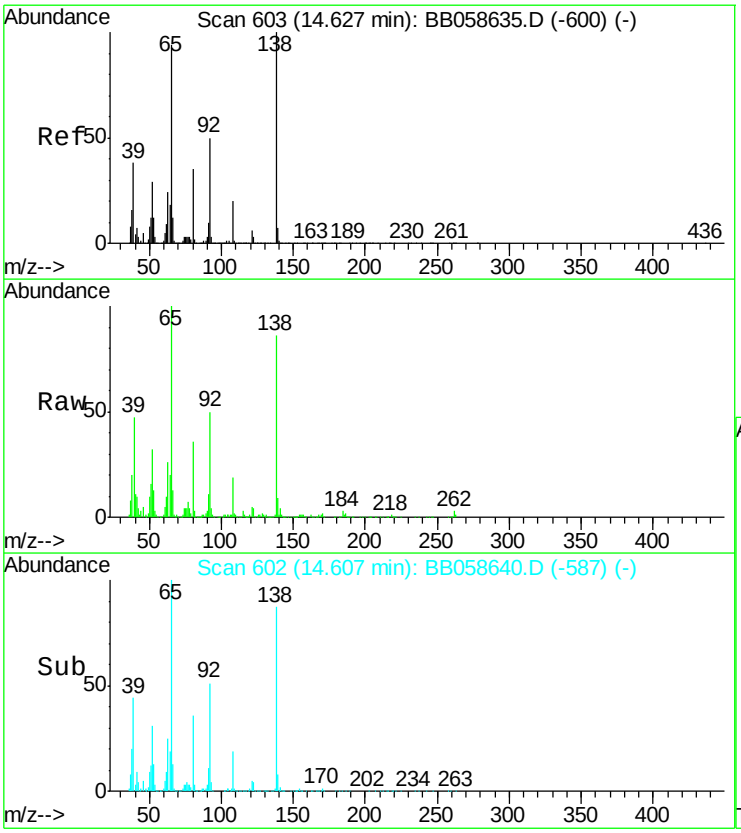
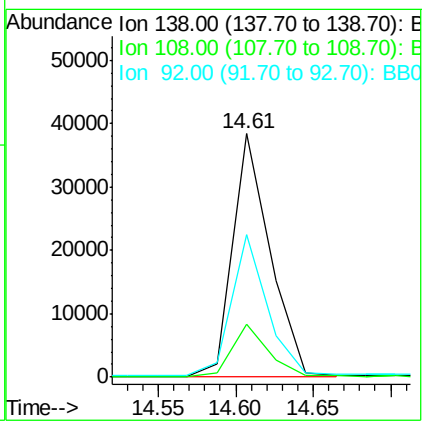
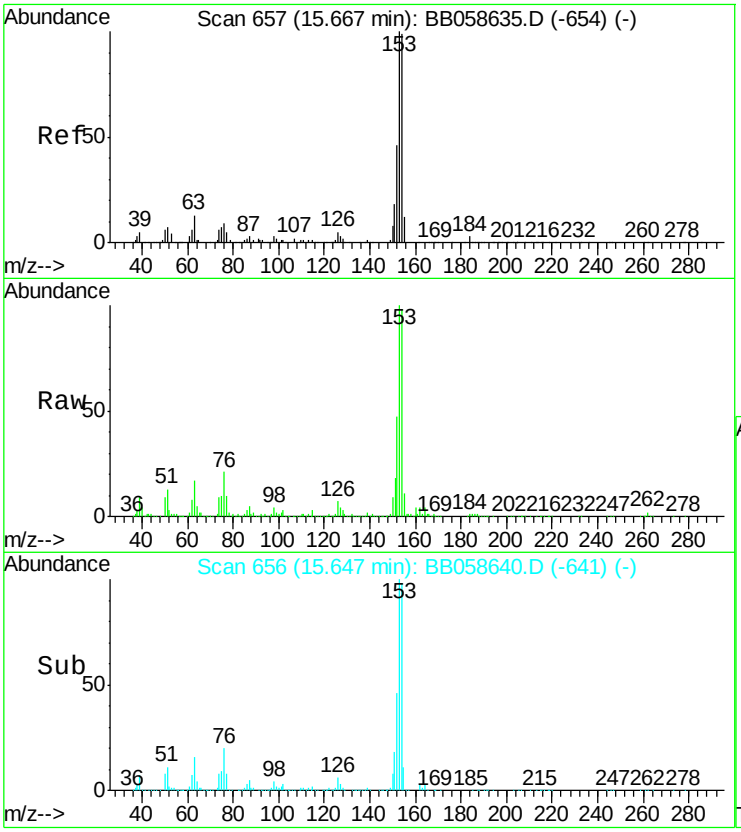


#48
3-Nitroaniline
Concen: 2.66 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:138 Resp: 65308

Ion	Ratio	Lower	Upper
138	100		
108	21.8	9.4	14.0#
92	58.5	96.6	145.0#

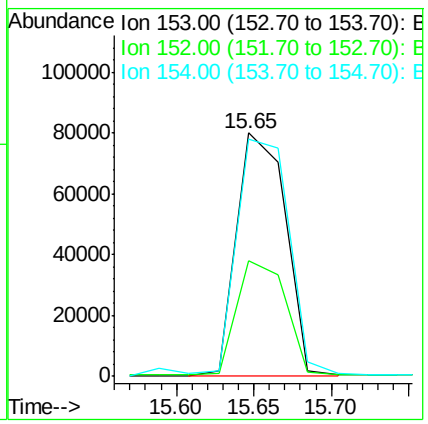




#49
Acenaphthene
Concen: 3.04 ng/ul
RT: 15.65 min Scan# 656
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:153 Resp: 177605

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.8	56.6
154	97.5	71.4	107.0



Instrument :
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ClientSampleId :
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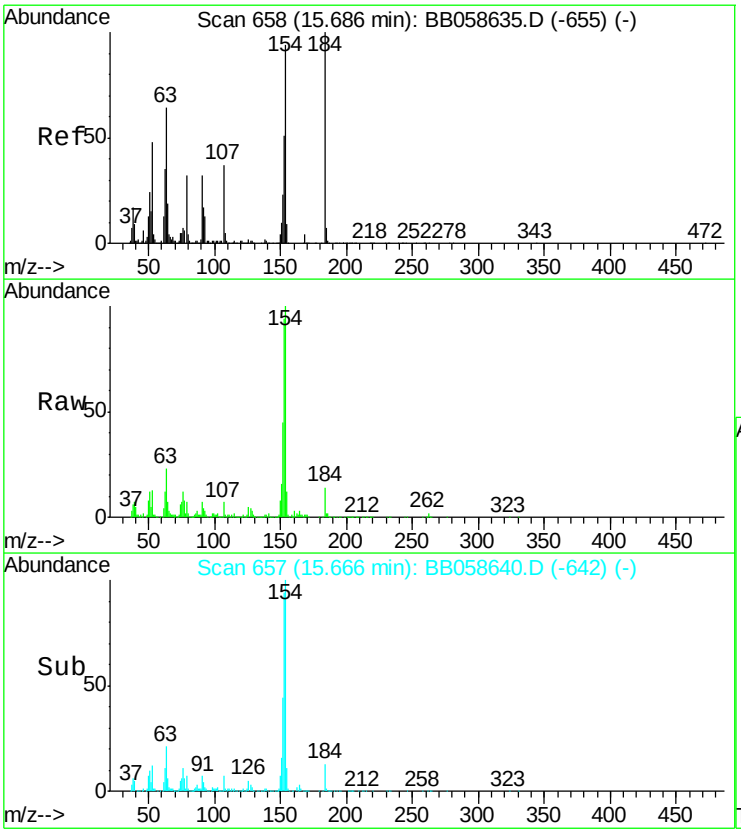
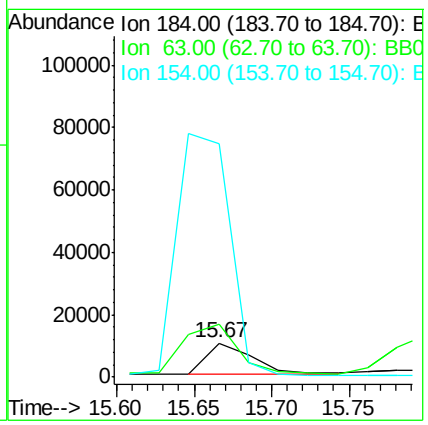
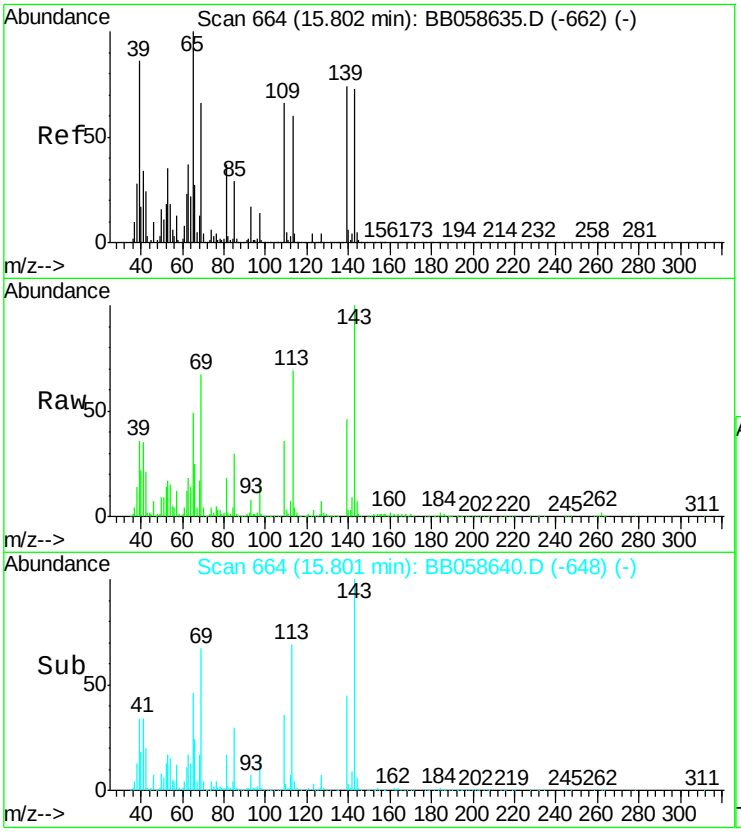


#50
2,4-Dinitrophenol
Concen: 1.54 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:184 Resp: 20563

Ion	Ratio	Lower	Upper
184	100		
63	156.1	43.4	65.0#
154	689.8	48.2	72.4#

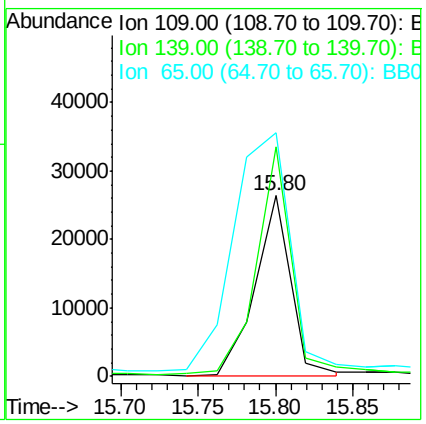




#52
4-Nitrophenol
Concen: 3.03 ng/ul
RT: 15.80 min Scan# 664
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:109 Resp: 42095

Ion	Ratio	Lower	Upper
109	100		
139	127.2	88.7	133.1
65	134.9	96.4	144.6



Instrument :
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ClientSampleId :
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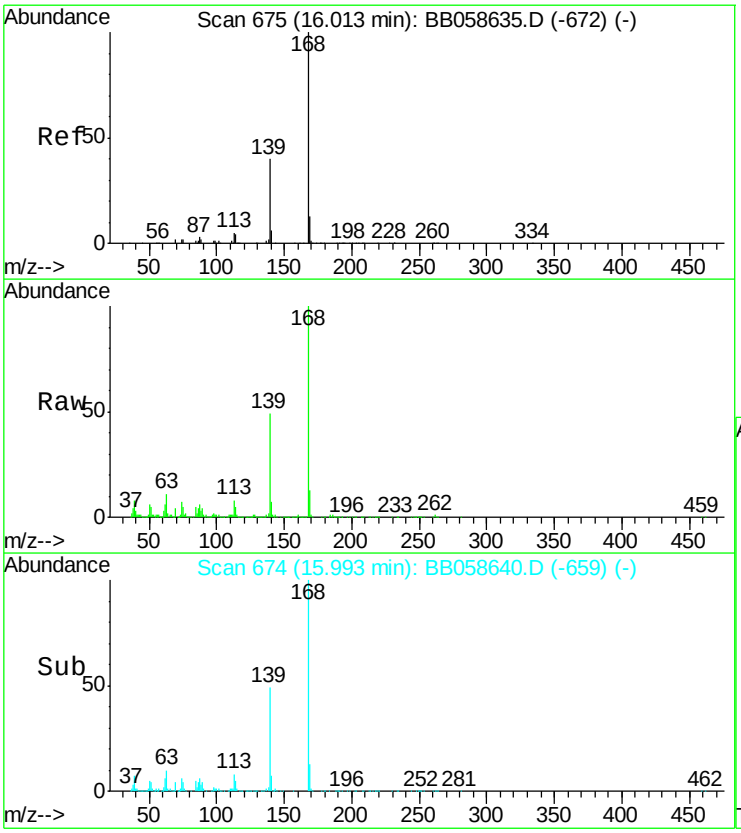
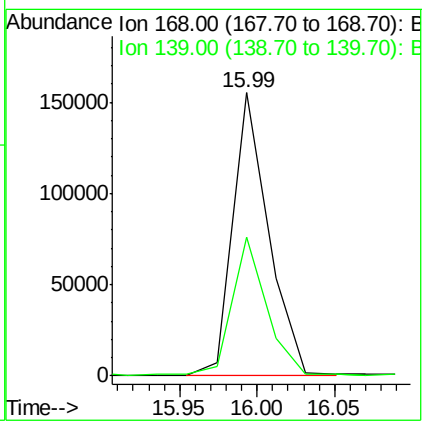
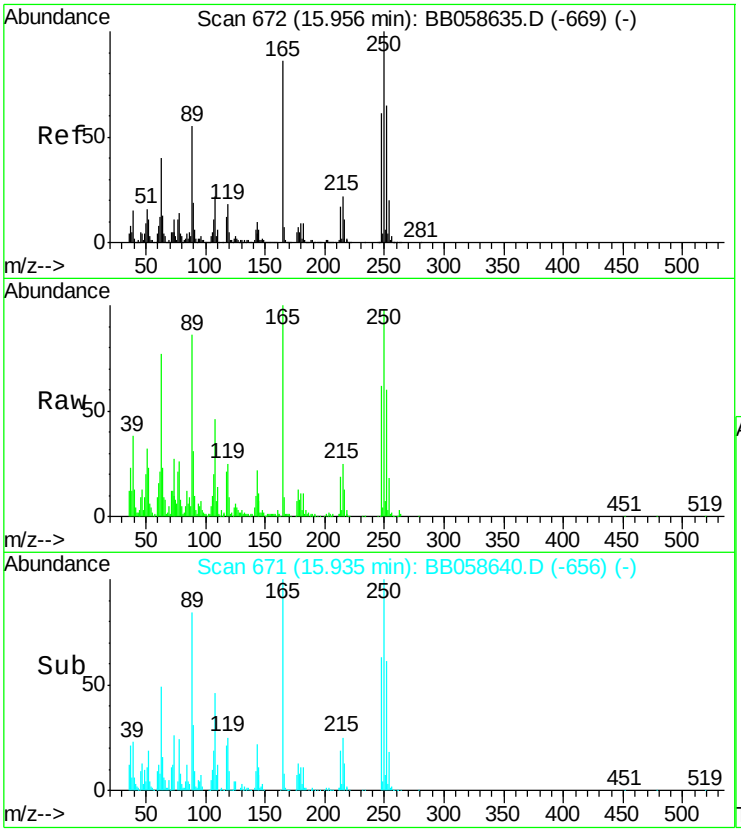


#53
Dibenzofuran
Concen: 3.01 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:168 Resp: 250470

Ion	Ratio	Lower	Upper
168	100		
139	49.0	30.1	45.1#

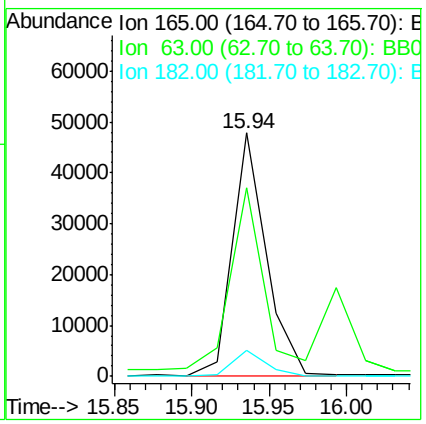




#54
2,4-Dinitrotoluene
Concen: 2.78 ng/ul
RT: 15.94 min Scan# 671
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:165 Resp: 72805

Ion	Ratio	Lower	Upper
165	100		
63	77.3	36.2	54.2#
182	10.6	2.2	3.4#



Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

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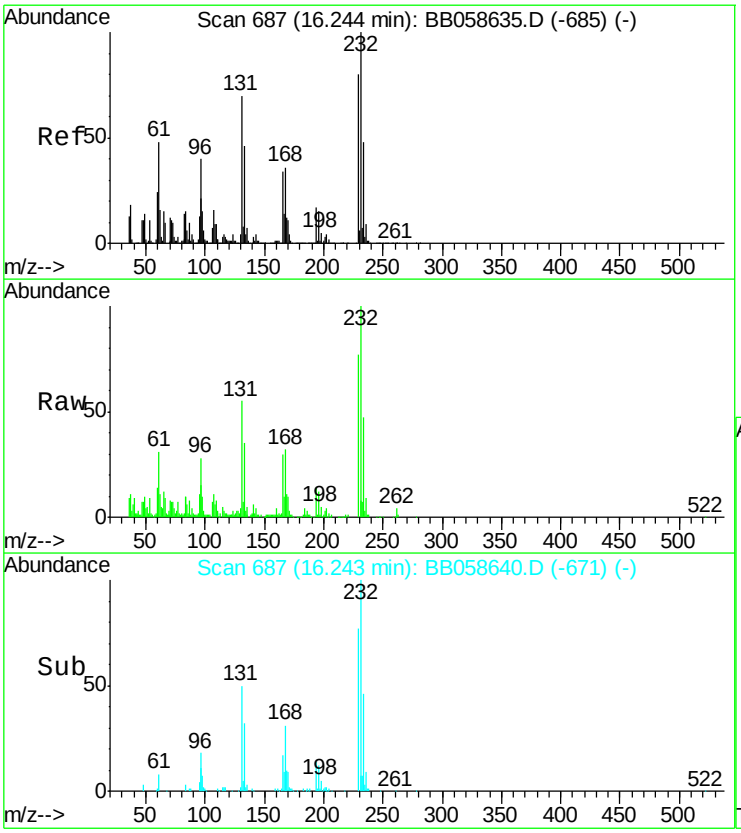
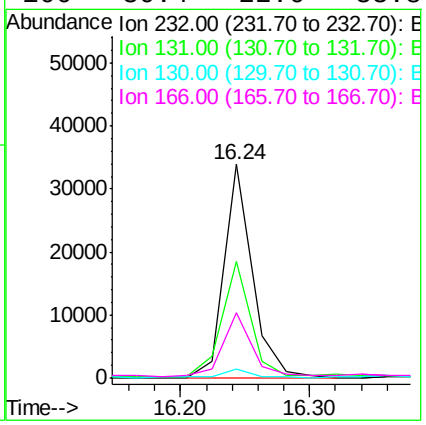
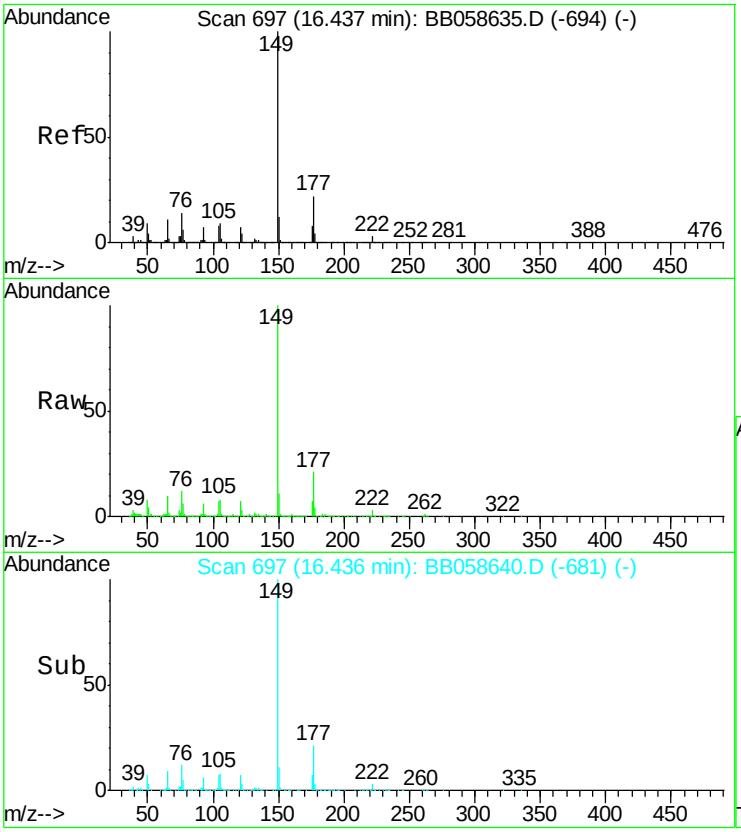


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.66 ng/ul
RT: 16.24 min Scan# 687
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:232 Resp: 51531

Ion	Ratio	Lower	Upper
232	100		
131	54.6	31.4	47.0#
130	4.2	1.6	2.4#
166	30.4	22.6	33.8

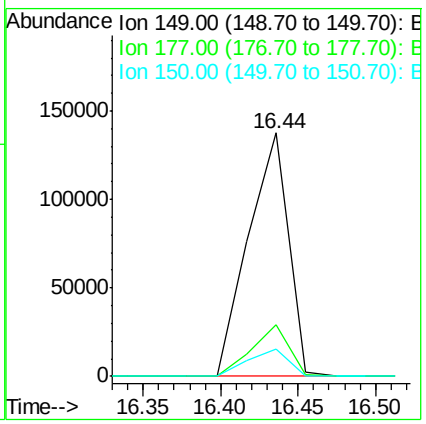




#56
Diethylphthalate
Concen: 3.26 ng/ul
RT: 16.44 min Scan# 697
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:149 Resp: 251506

Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.6	28.0
150	11.1	10.0	15.0



Instrument :
BNA_B
ClientSampleId :
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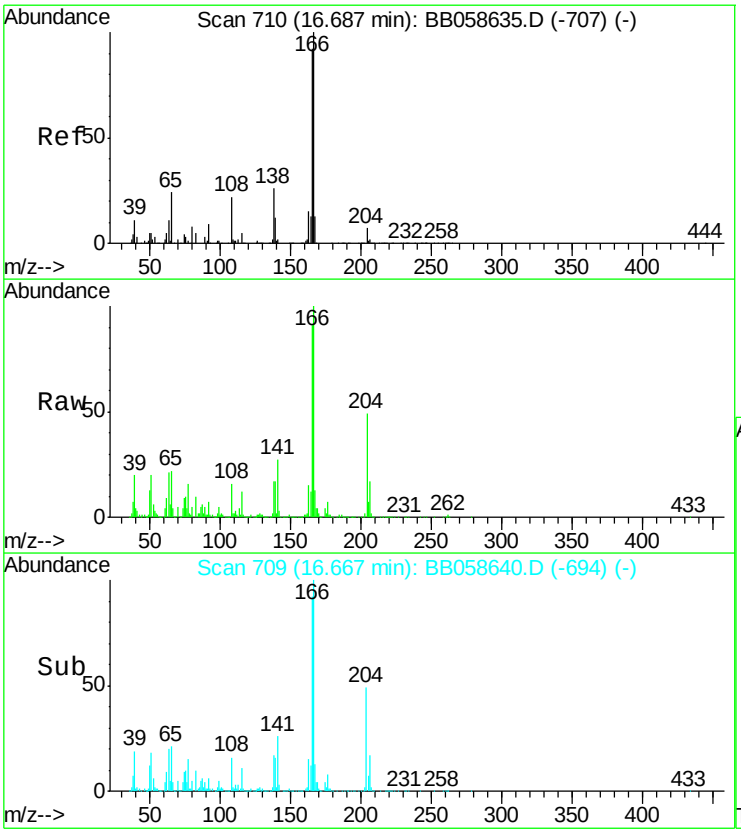
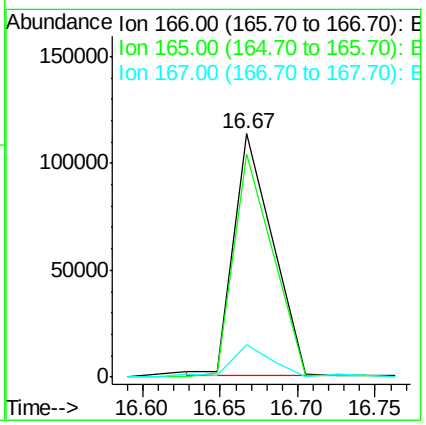
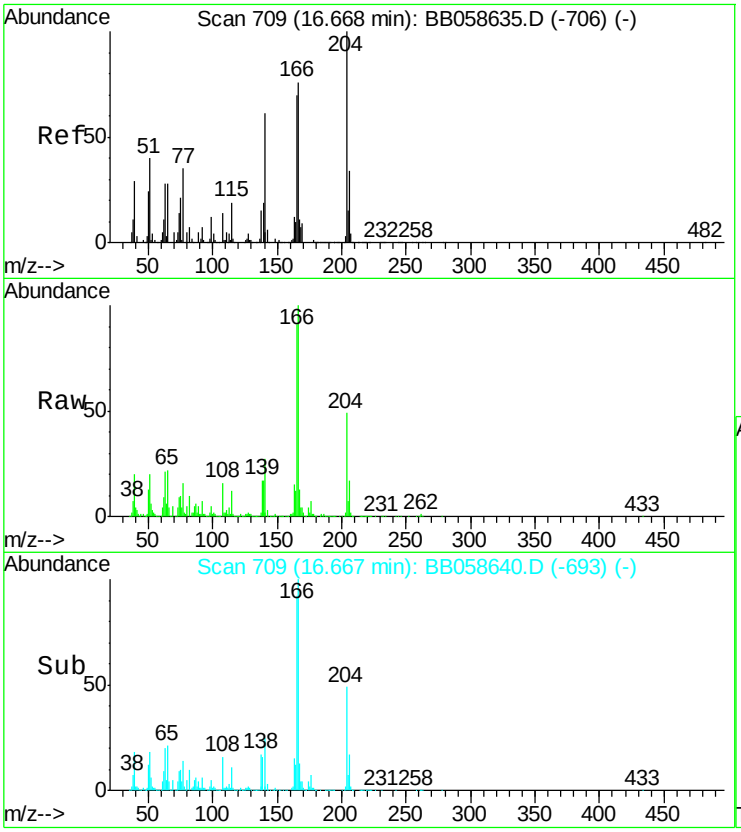


#58
Fluorene
Concen: 2.95 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:166 Resp: 199720

Ion	Ratio	Lower	Upper
166	100		
165	91.5	79.9	119.9
167	13.1	10.5	15.7

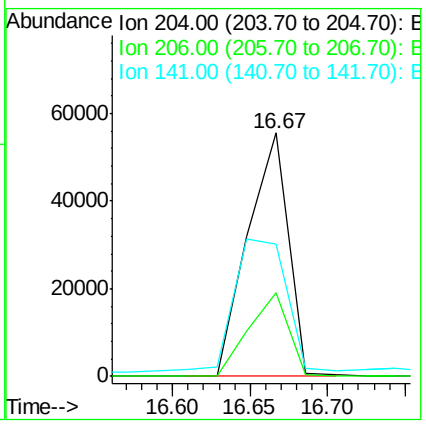




#59
4-Chlorophenyl-phenylether
Concen: 2.81 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:204 Resp: 102270

Ion	Ratio	Lower	Upper
204	100		
206	34.4	25.9	38.9
141	54.3	46.1	69.1



Instrument :
BNA_B
ClientSampleId :
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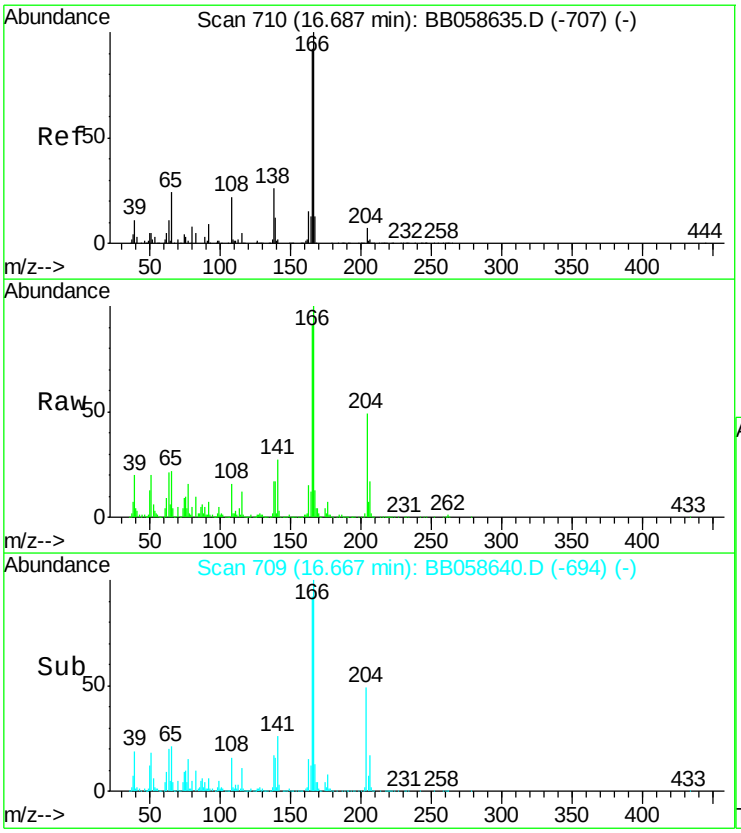
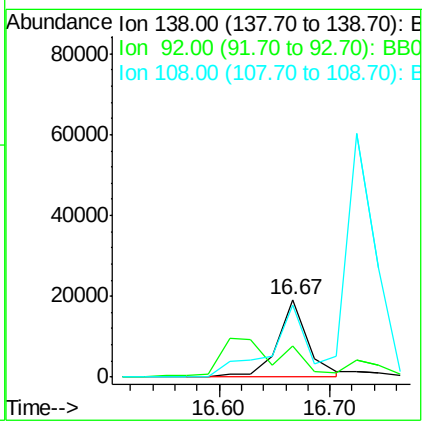
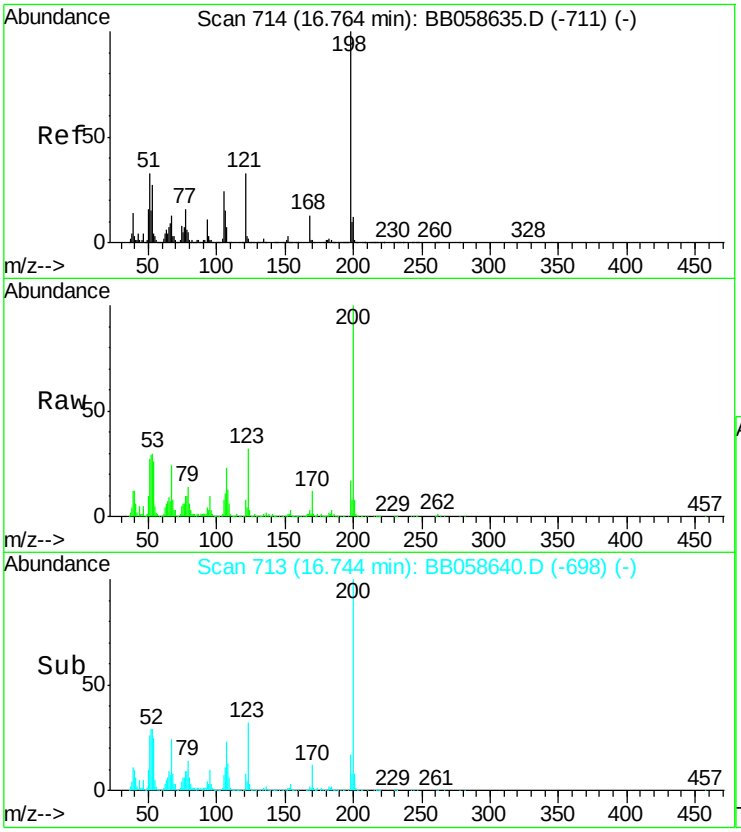


#60
4-Nitroaniline
Concen: 1.87 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:138 Resp: 36289

Ion	Ratio	Lower	Upper
138	100		
92	39.4	43.5	65.3#
108	92.5	80.3	120.5

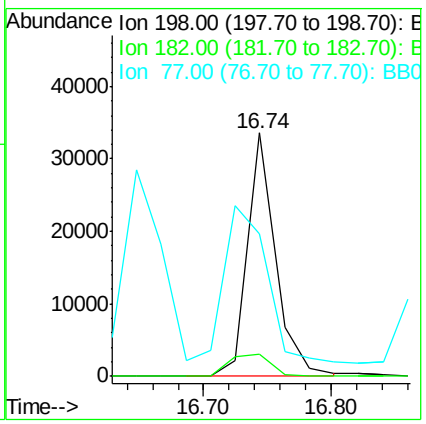




#63
4,6-Dinitro-2-methylphenol
Concen: 2.63 ng/ul m
RT: 16.74 min Scan# 713
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:198 Resp: 50805

Ion	Ratio	Lower	Upper
198	100		
182	9.1	3.3	4.9#
77	58.5	21.8	32.6#



Instrument :
BNA_B
ClientSampleId :
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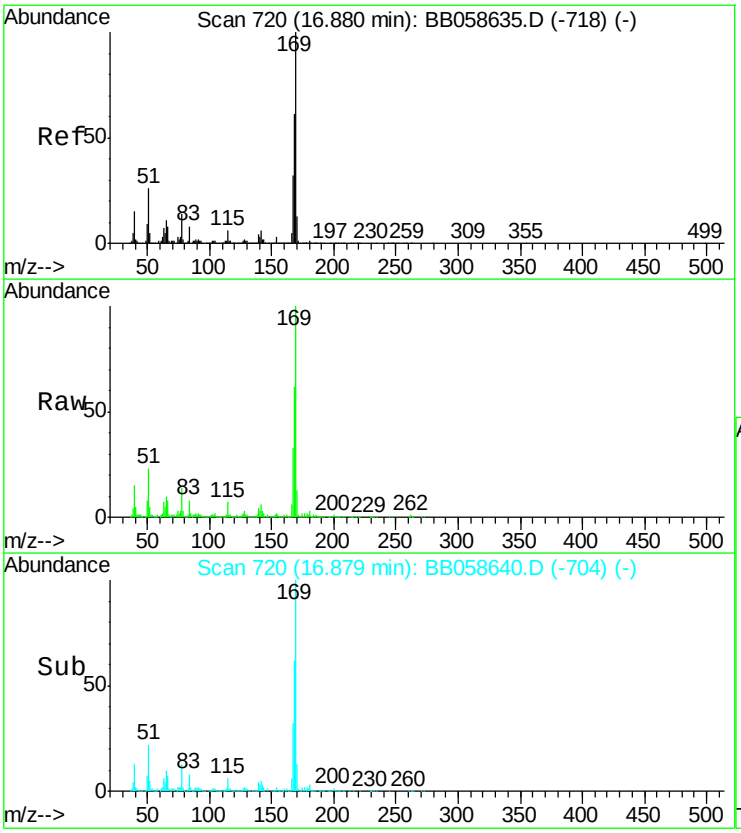
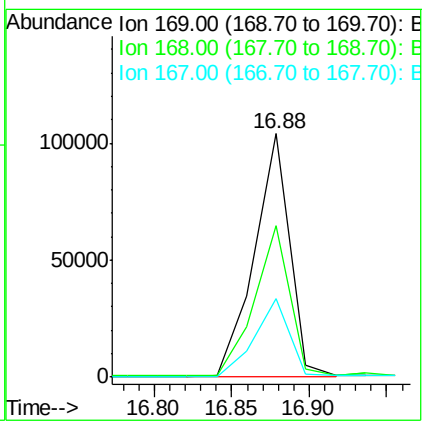
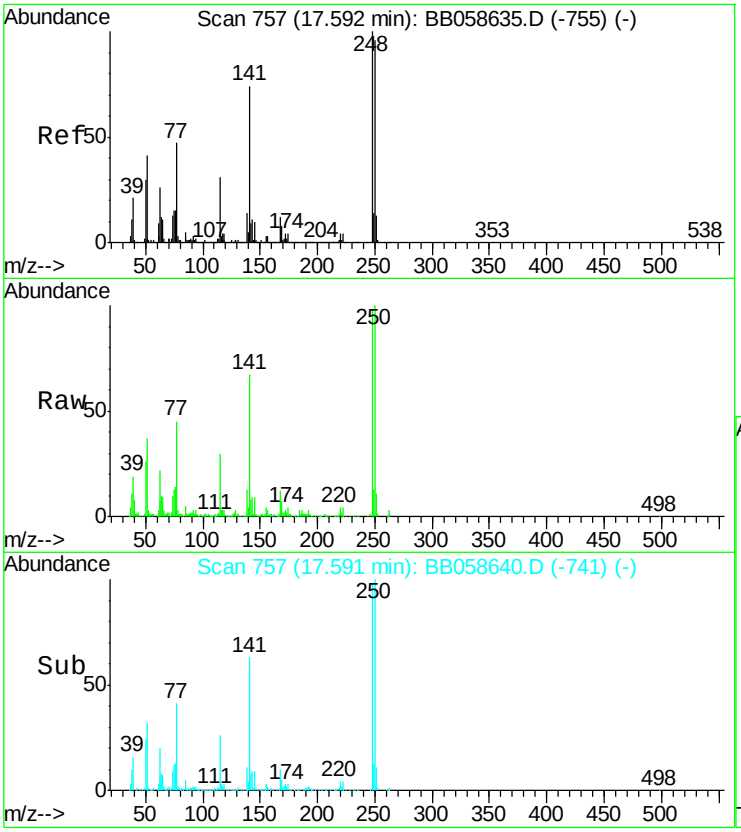


#64
N-Nitrosodiphenylamine
Concen: 2.83 ng/ul
RT: 16.88 min Scan# 720
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:169 Resp: 165957

Ion	Ratio	Lower	Upper
169	100		
168	62.3	52.6	79.0
167	32.5	28.6	43.0

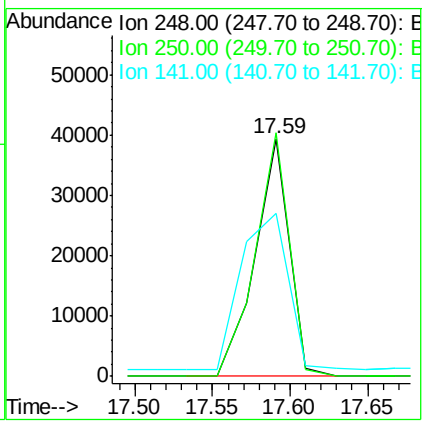




#65
4-Bromophenyl-phenylether
Concen: 2.63 ng/ul
RT: 17.59 min Scan# 757
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:248 Resp: 61372

Ion	Ratio	Lower	Upper
248	100		
250	102.5	79.7	119.5
141	68.8	58.3	87.5



Instrument :
BNA_B
ClientSampleId :
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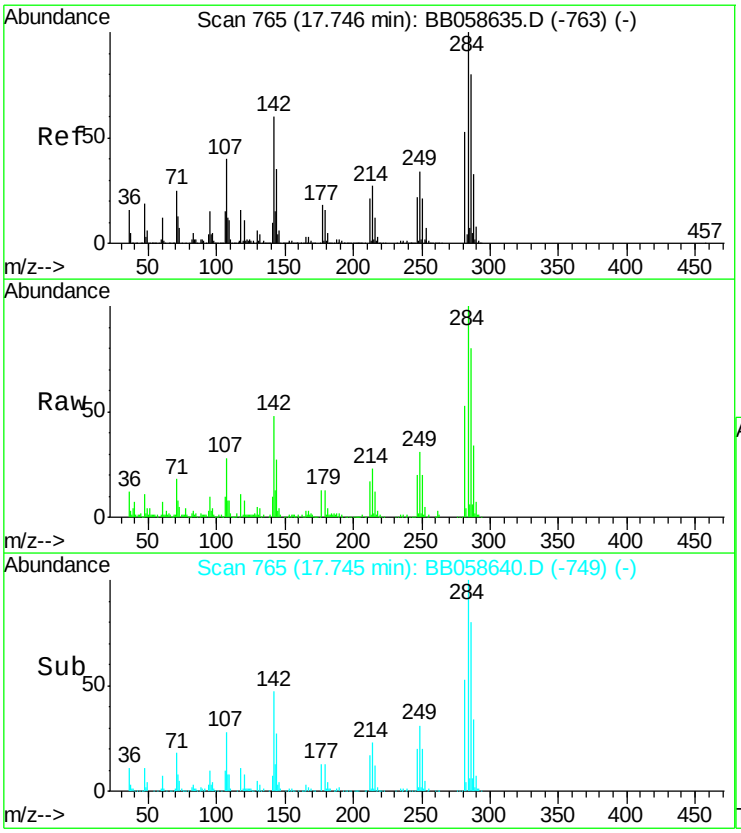
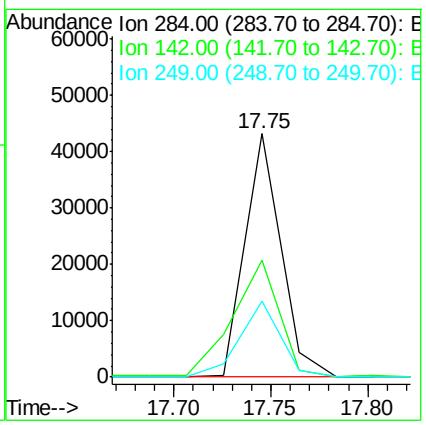
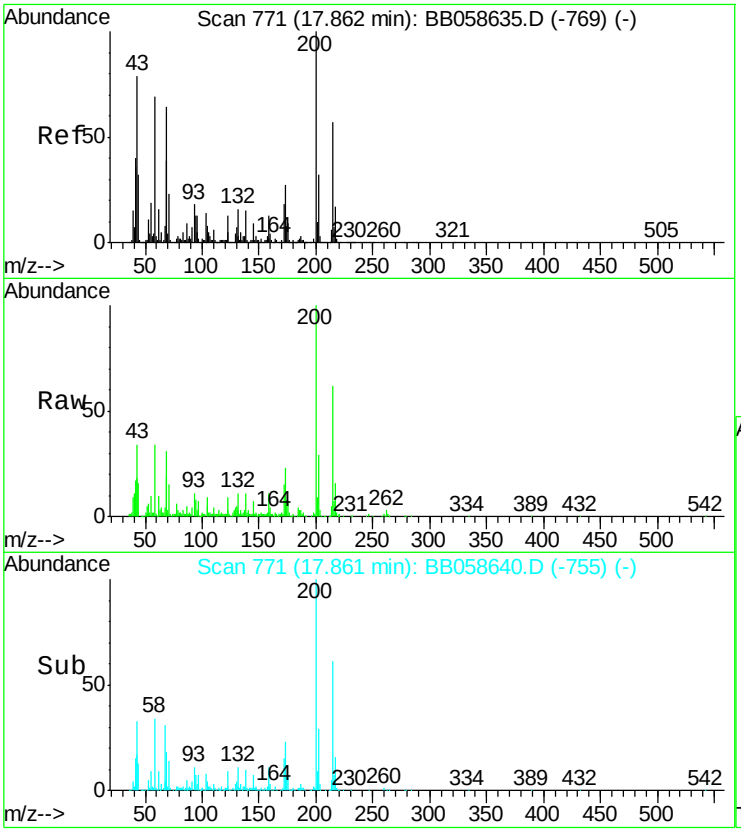


#66
Hexachlorobenzene
Concen: 2.38 ng/ul
RT: 17.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:284 Resp: 55643

Ion	Ratio	Lower	Upper
284	100		
142	45.1	24.9	37.3#
249	29.5	25.5	38.3

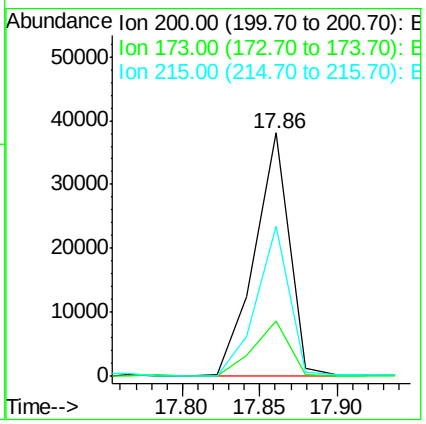




#67
Atrazine
Concen: 2.68 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:200 Resp: 59961

Ion	Ratio	Lower	Upper
200	100		
173	23.0	18.9	28.3
215	61.6	39.5	59.3#



Instrument :
BNA_B
ClientSampleId :
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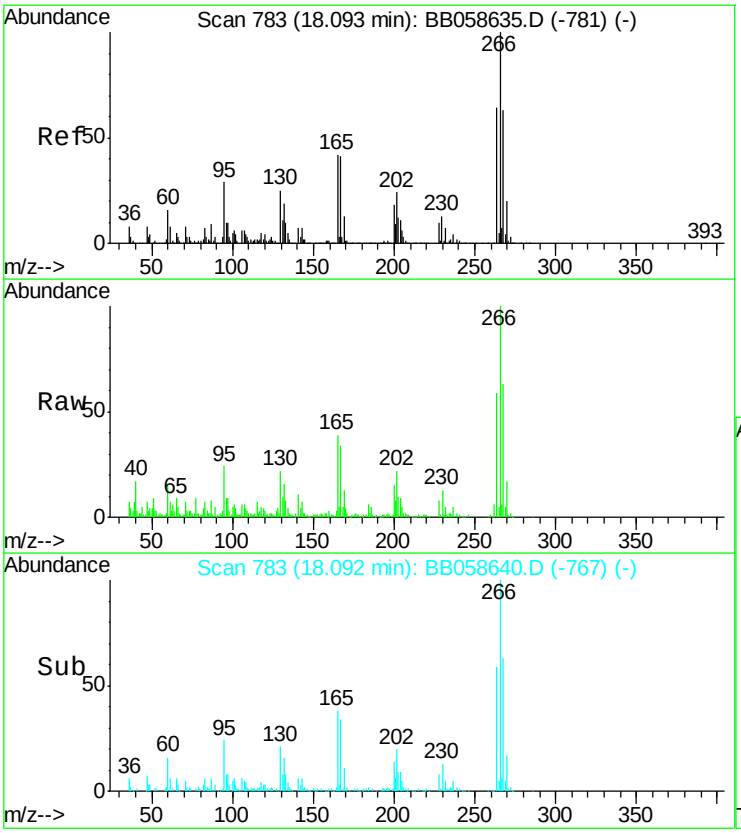
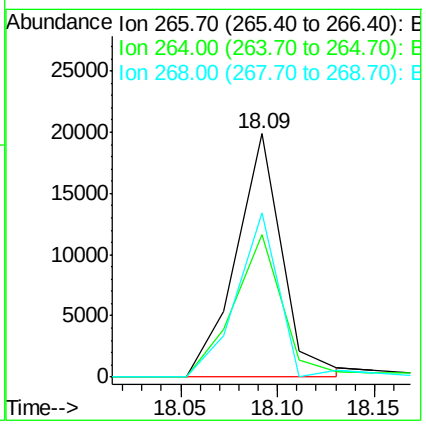
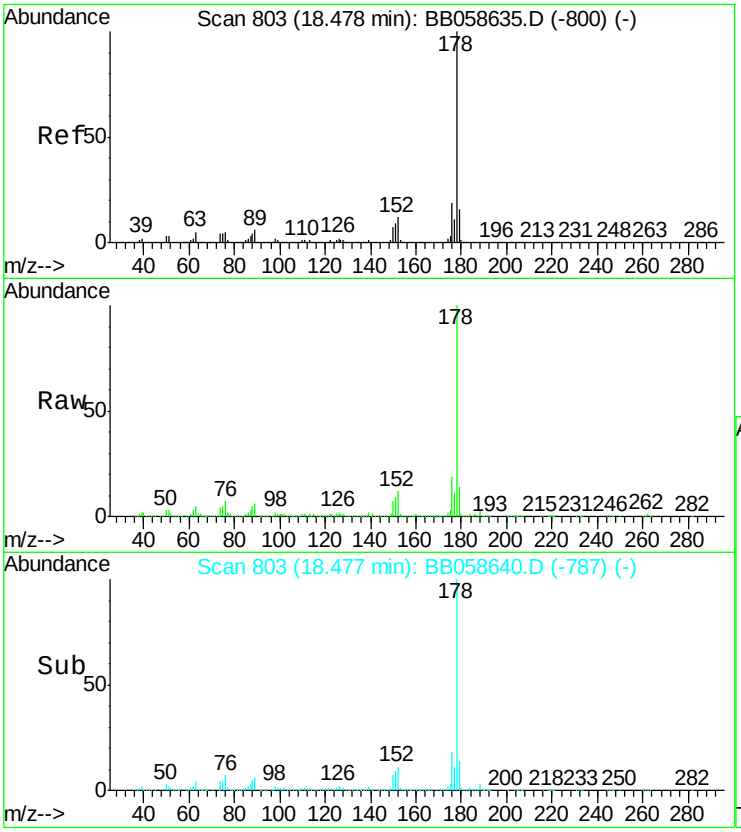


#68
Pentachlorophenol
Concen: 1.96 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:266 Resp: 32415

Ion	Ratio	Lower	Upper
266	100		
264	58.7	50.6	75.8
268	67.5	51.0	76.6

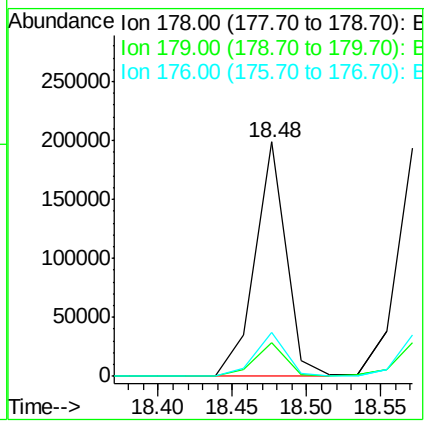




#69
Phenanthrene
Concen: 3.17 ng/ul m
RT: 18.48 min Scan# 803
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:178 Resp: 287433

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.2
176	18.5	15.1	22.7



Instrument :
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ClientSampleId :
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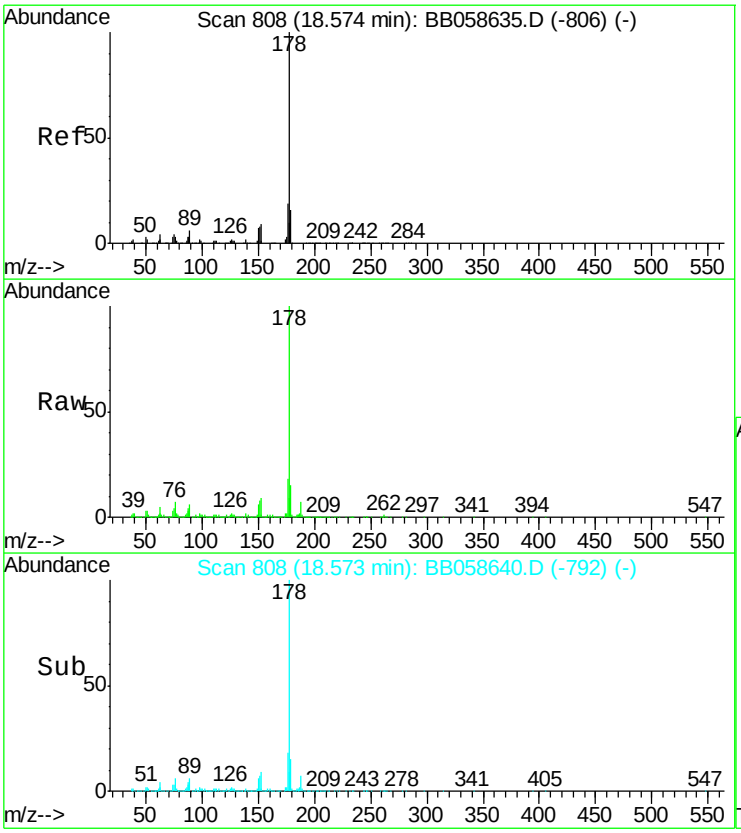
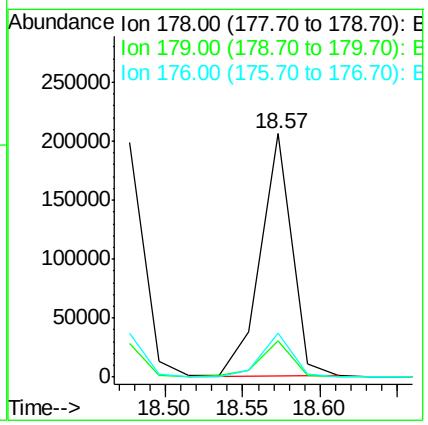
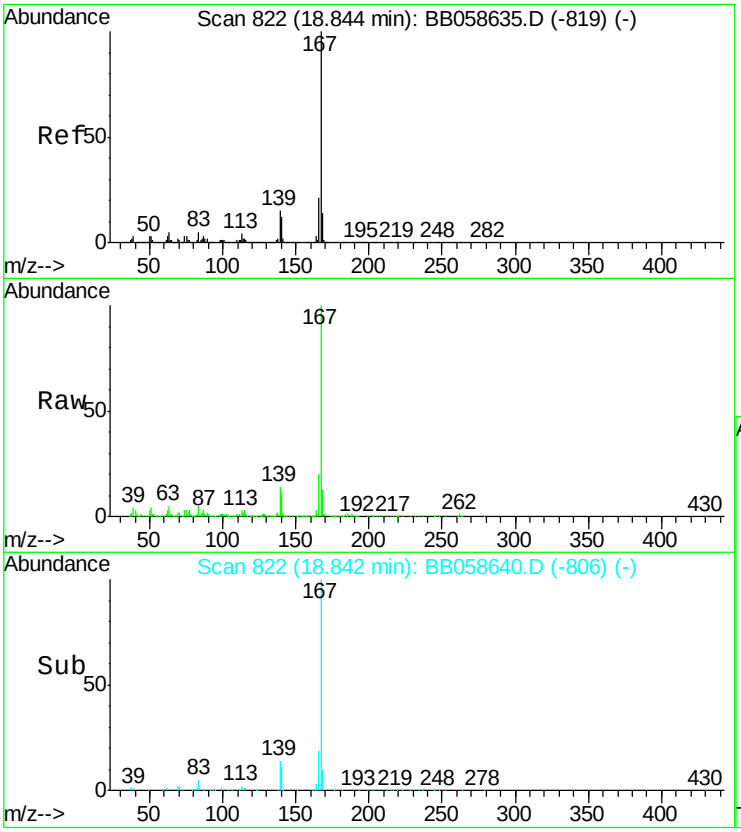


#71
Anthracene
Concen: 3.17 ng/ul
RT: 18.57 min Scan# 808
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:178 Resp: 293258

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.0	14.5	21.7

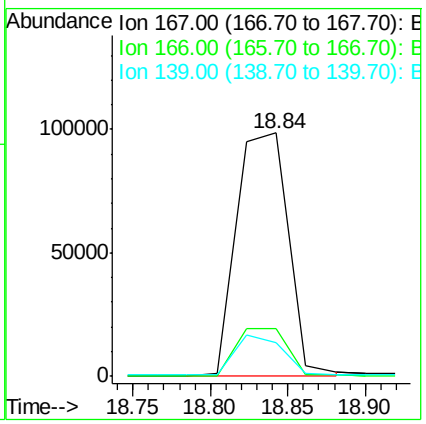




#72
Carbazole
Concen: 2.99 ng/ul
RT: 18.84 min Scan# 822
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:167 Resp: 231335

Ion	Ratio	Lower	Upper
167	100		
166	19.9	16.6	25.0
139	14.1	10.2	15.4



Instrument :
BNA_B
ClientSampleId :
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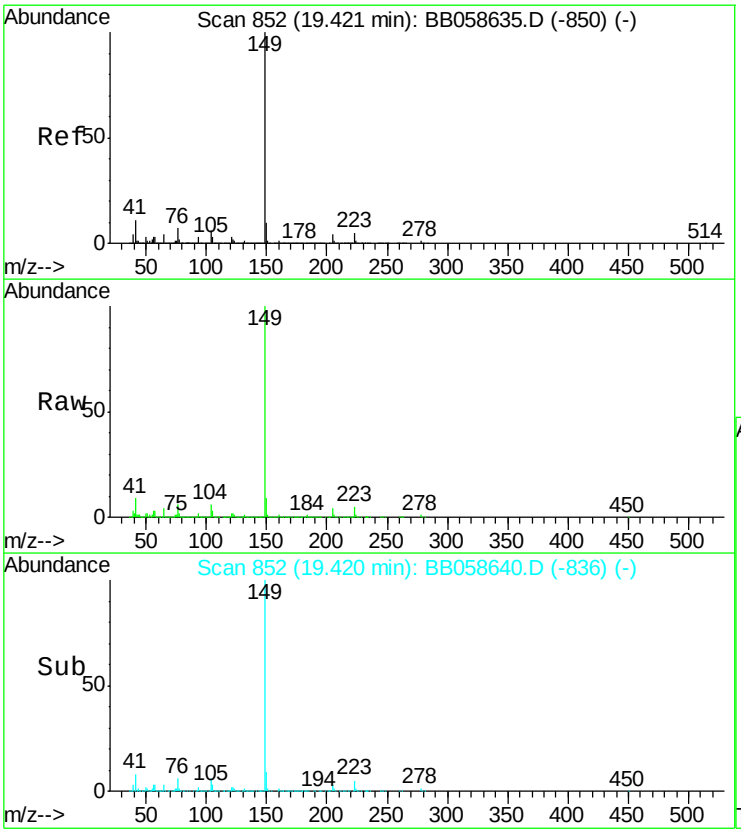
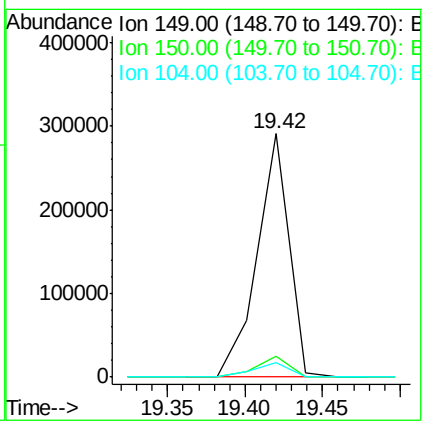
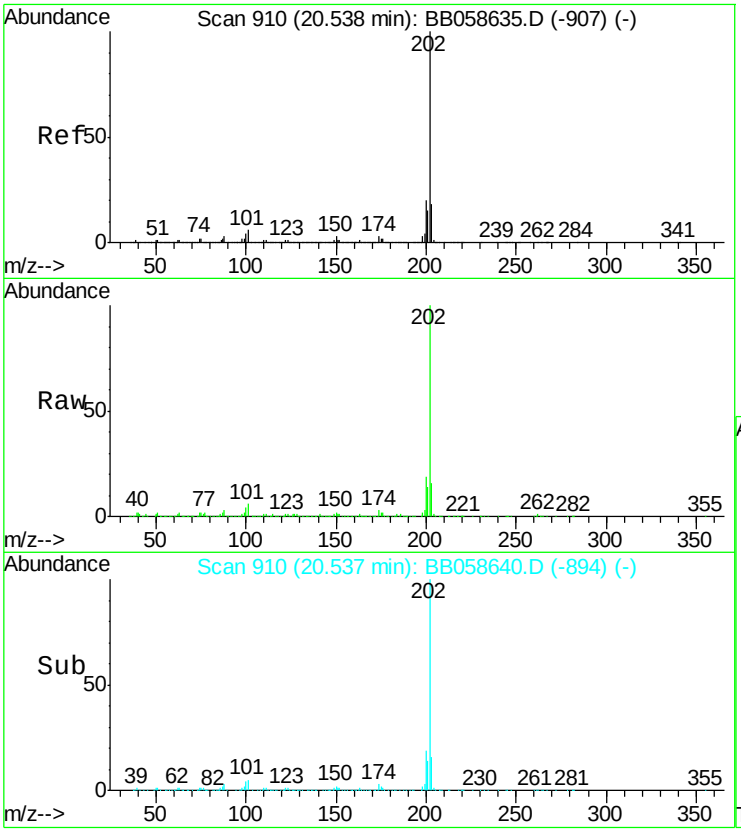


#73
Di-n-butylphthalate
Concen: 3.34 ng/ul
RT: 19.42 min Scan# 852
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:149 Resp: 421728

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.6	11.4
104	5.9	4.6	7.0

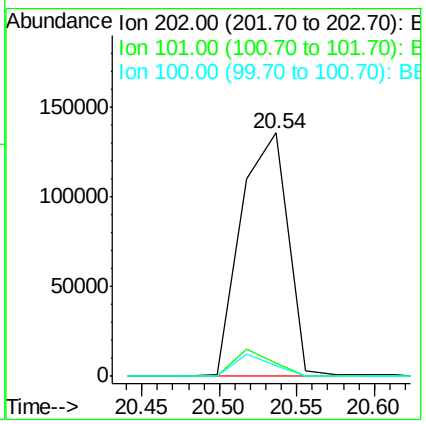




#74
Fluoranthene
Concen: 3.13 ng/ul
RT: 20.54 min Scan# 910
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:202 Resp: 288615

Ion	Ratio	Lower	Upper
202	100		
101	5.6	6.9	10.3#
100	4.1	5.4	8.0#



Instrument :
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ClientSampleId :
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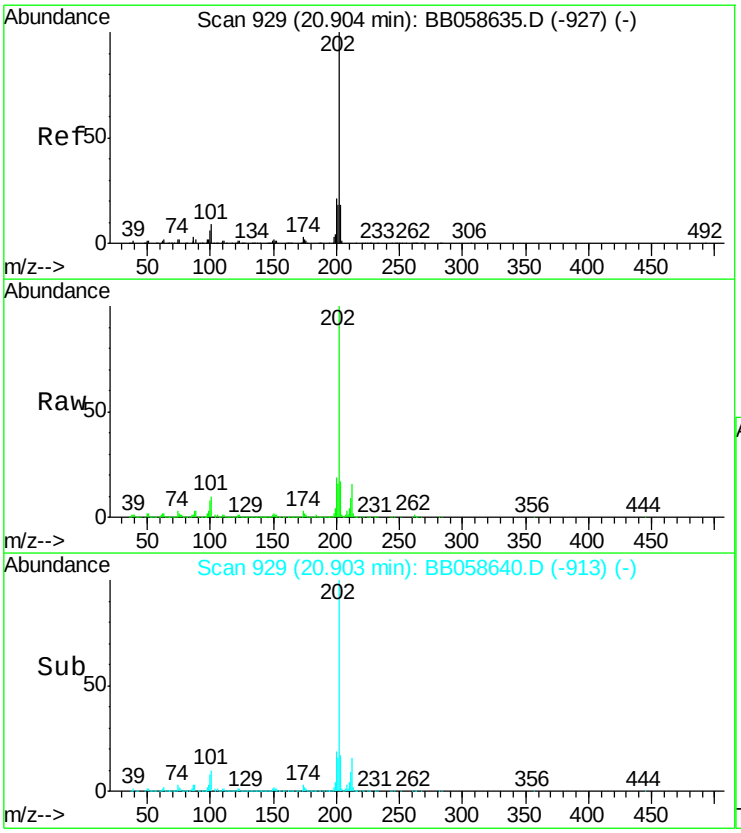
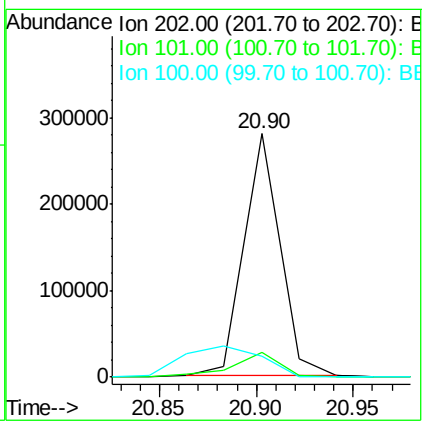
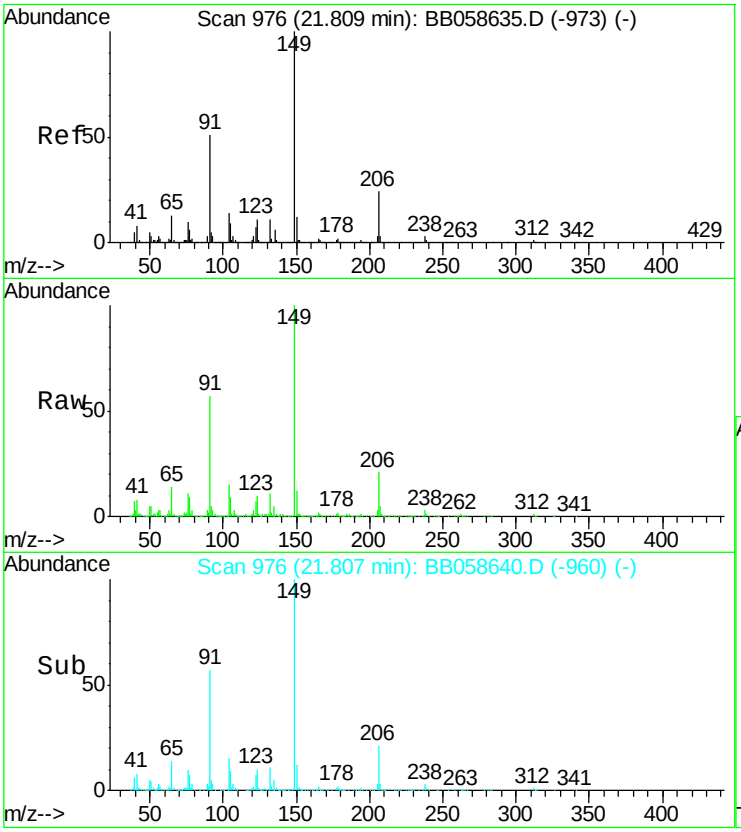


#77
Pyrene
Concen: 3.70 ng/ul
RT: 20.90 min Scan# 929
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:202 Resp: 358345

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.4	6.9	10.3

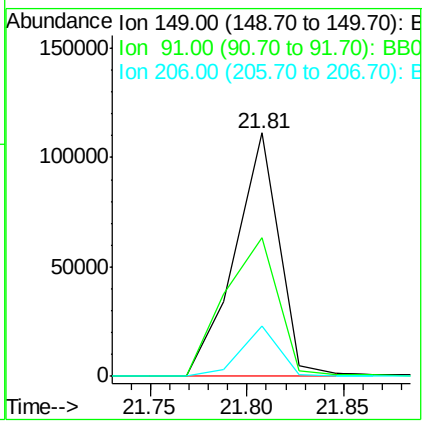




#78
Butylbenzylphthalate
Concen: 2.77 ng/ul
RT: 21.81 min Scan# 976
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:149 Resp: 173968

Ion	Ratio	Lower	Upper
149	100		
91	56.9	57.3	85.9#
206	20.6	18.6	27.8



Instrument :
BNA_B
ClientSampleId :
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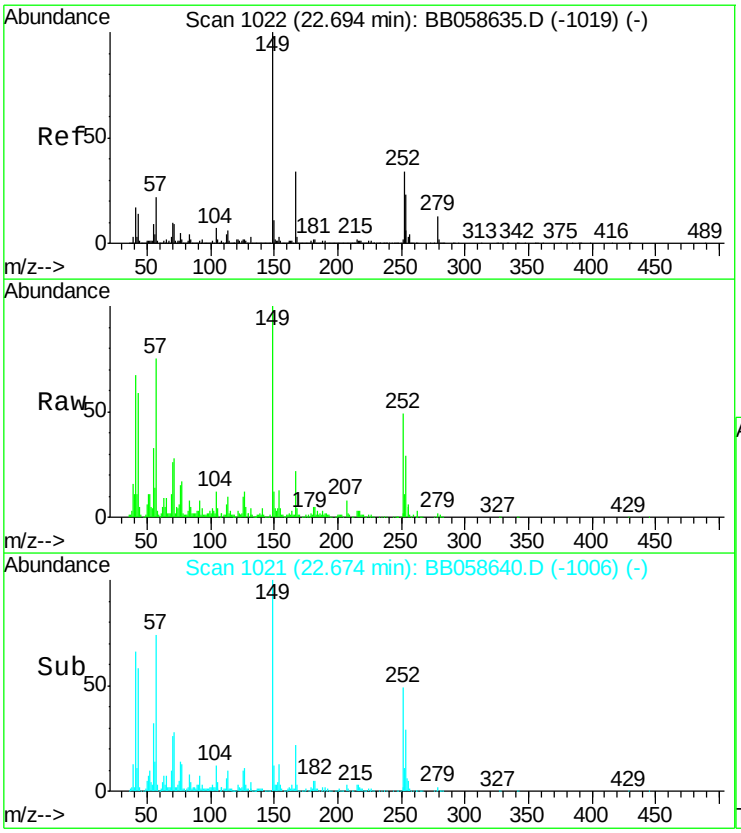
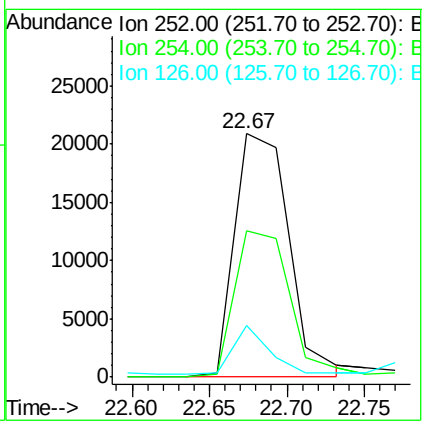
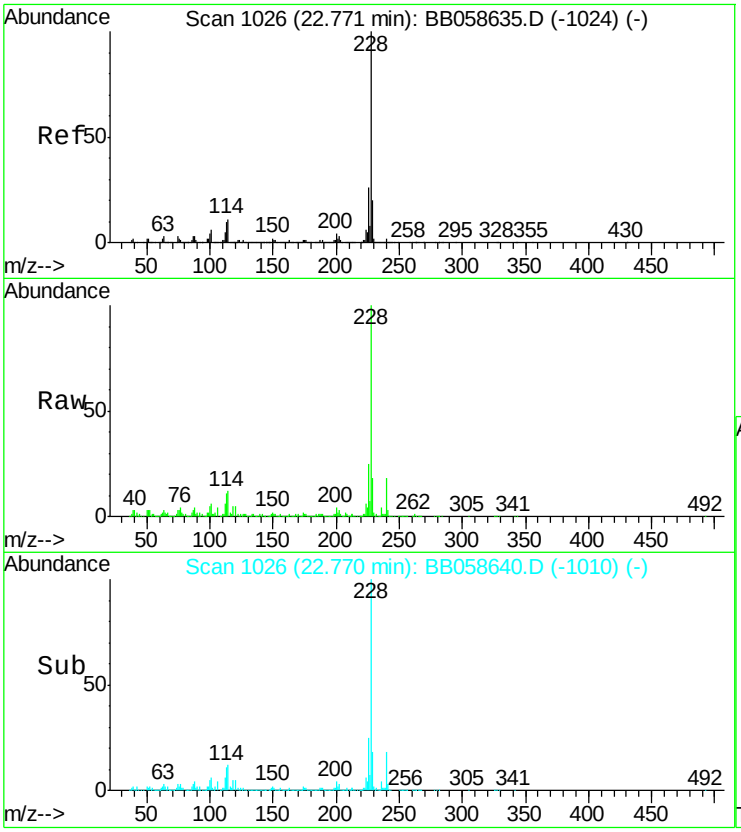


#79
3,3'-Dichlorobenzidine
Concen: 1.57 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:252 Resp: 51417

Ion	Ratio	Lower	Upper
252	100		
254	59.9	51.0	76.4
126	21.0	7.1	10.7#

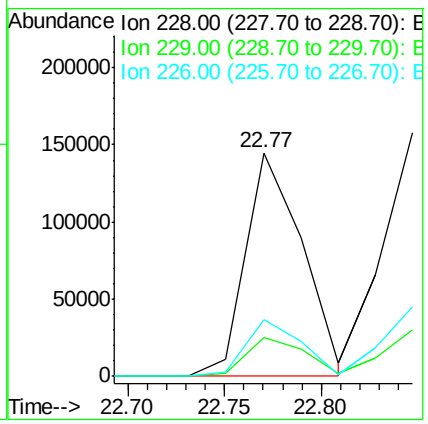




#80
Benzo(a)anthracene
Concen: 3.11 ng/ul
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:228 Resp: 293414

Ion	Ratio	Lower	Upper
228	100		
229	17.6	15.6	23.4
226	25.3	21.8	32.8



Instrument :
BNA_B
ClientSampleId :
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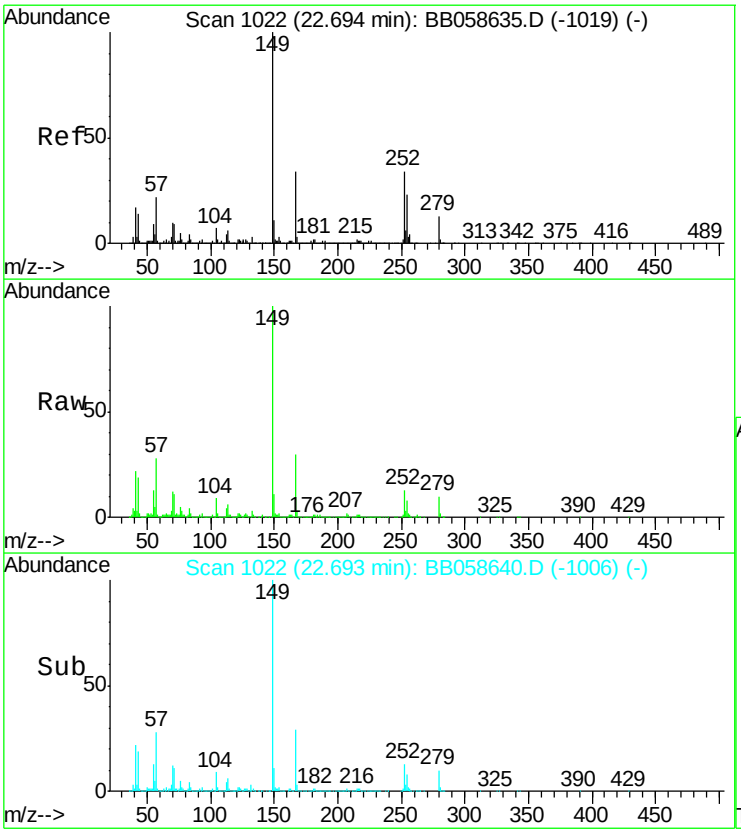
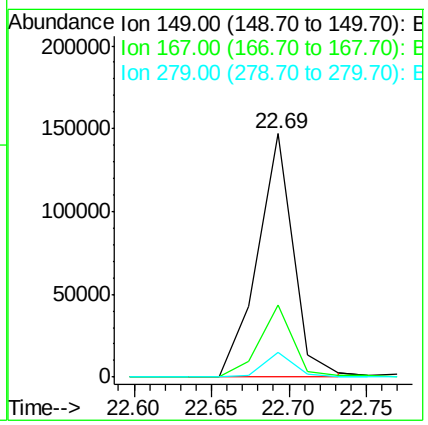
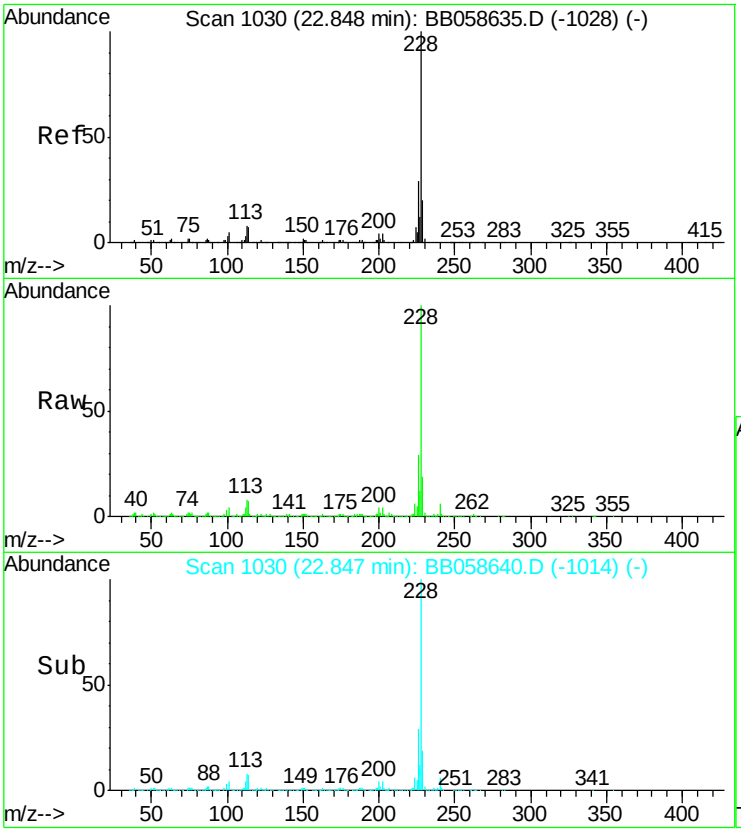


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.83 ng/ul
RT: 22.69 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:149 Resp: 236798

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.2	34.8
279	10.2	4.1	6.1#

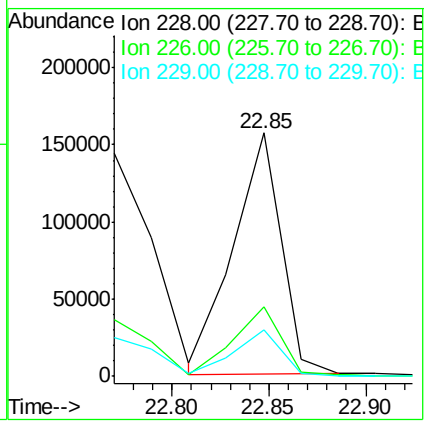




#82
Chrysene
Concen: 3.00 ng/ul
RT: 22.85 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:228 Resp: 265738

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.0	15.5	23.3



Instrument :
BNA_B
ClientSampleId :
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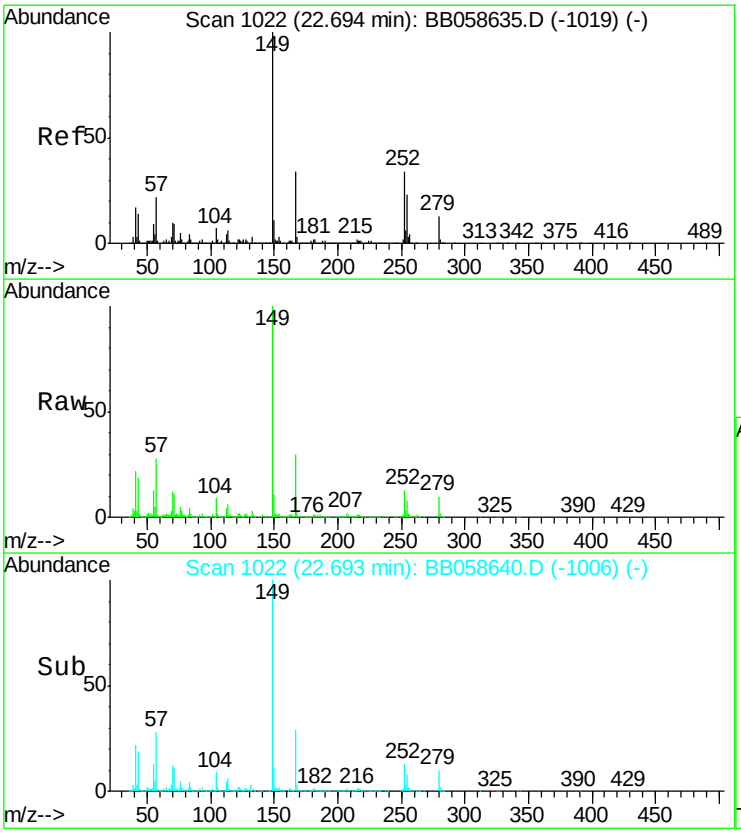
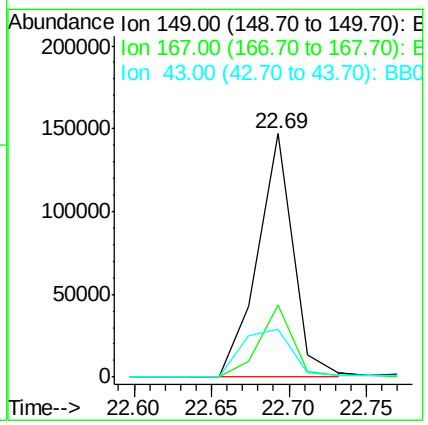
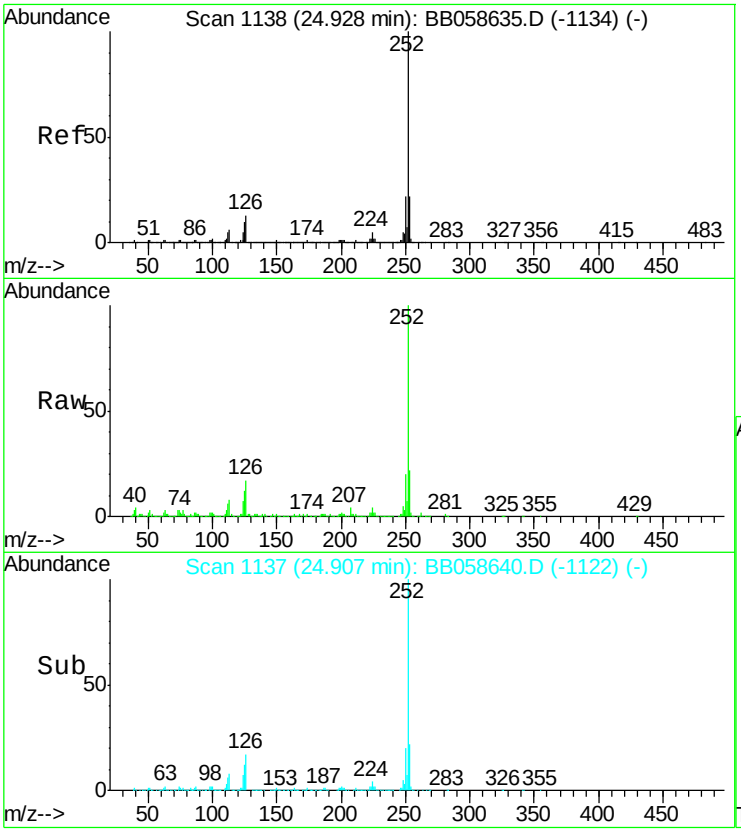


#84
Di-n-octyl phthalate
Concen: 3.41 ng/ul
RT: 22.69 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:149 Resp: 236798

Ion	Ratio	Lower	Upper
149	100		
167	29.5	1.3	1.9#
43	19.4	6.6	10.0#

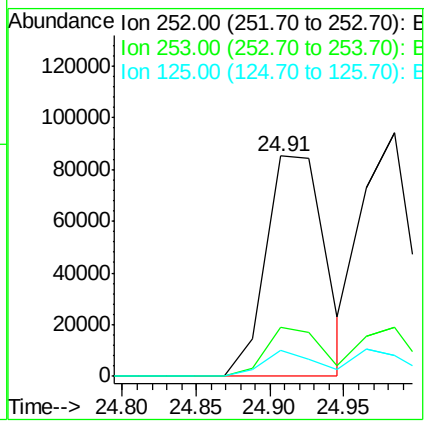




#85
Benzo(b)fluoranthene
Concen: 2.72 ng/ul m
RT: 24.91 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:252 Resp: 239706

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.0	5.8	8.8#



Instrument :
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ClientSampleId :
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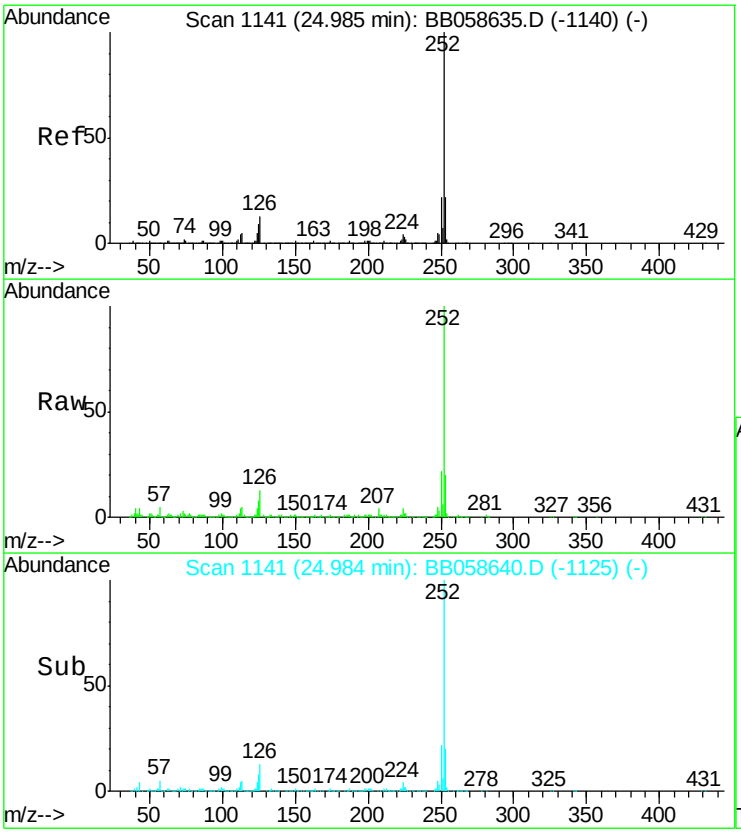
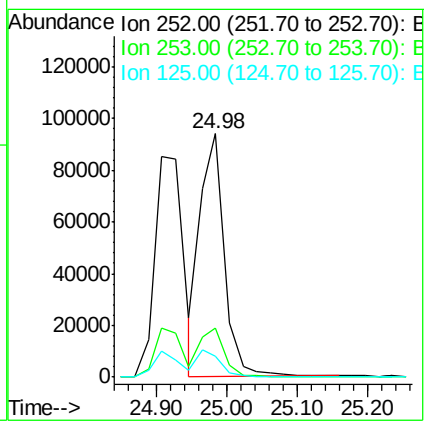
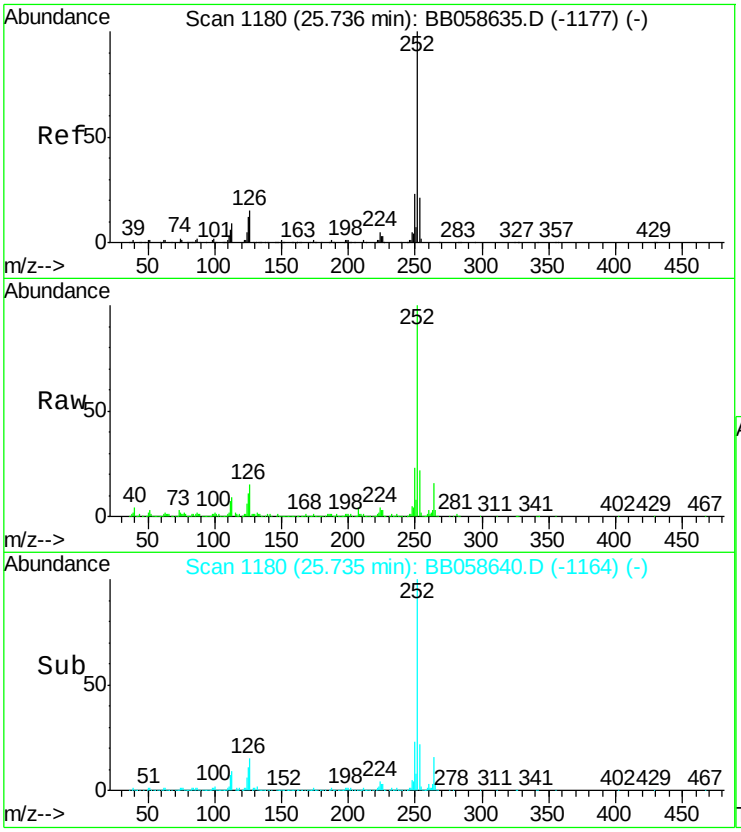


#86
Benzo(k)fluoranthene
Concen: 3.31 ng/ul
RT: 24.98 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:252 Resp: 225944

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.6	26.4
125	8.4	5.7	8.5





#88
Benzo(a)pyrene
Concen: 2.79 ng/ul
RT: 25.74 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:252 Resp: 207076

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	6.6	9.8#

Instrument :
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ClientSampleId :
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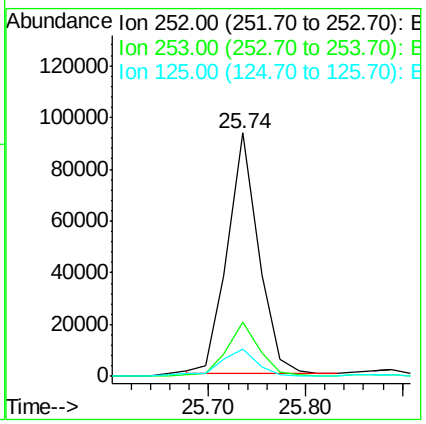
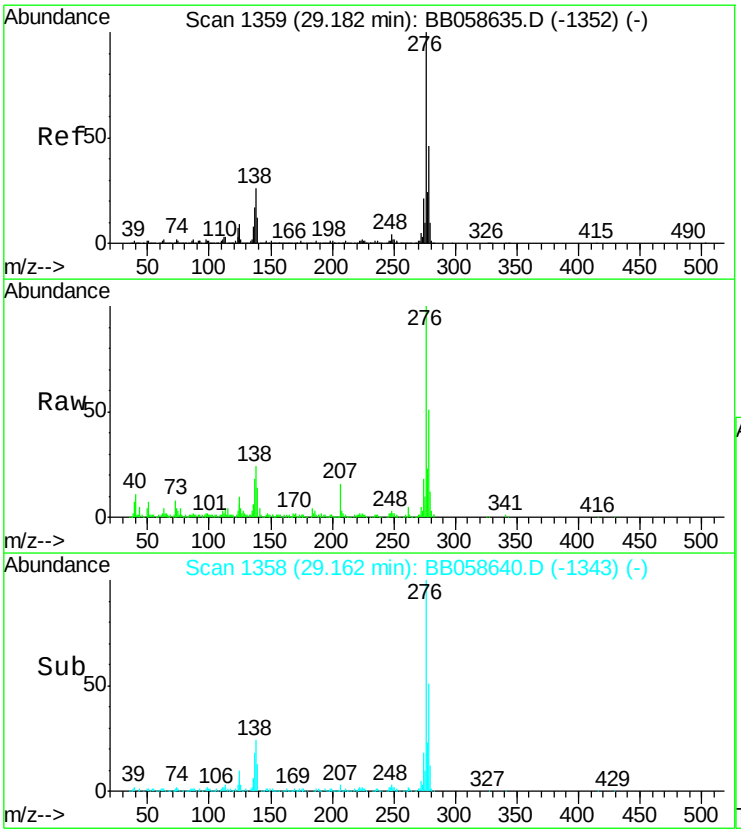
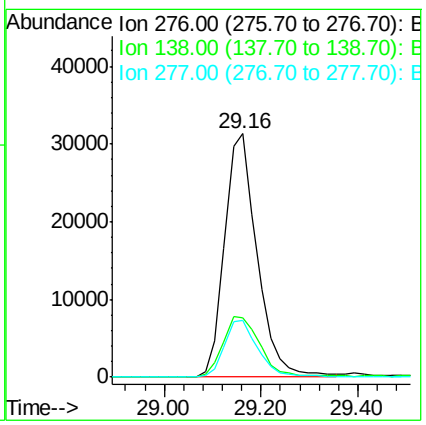


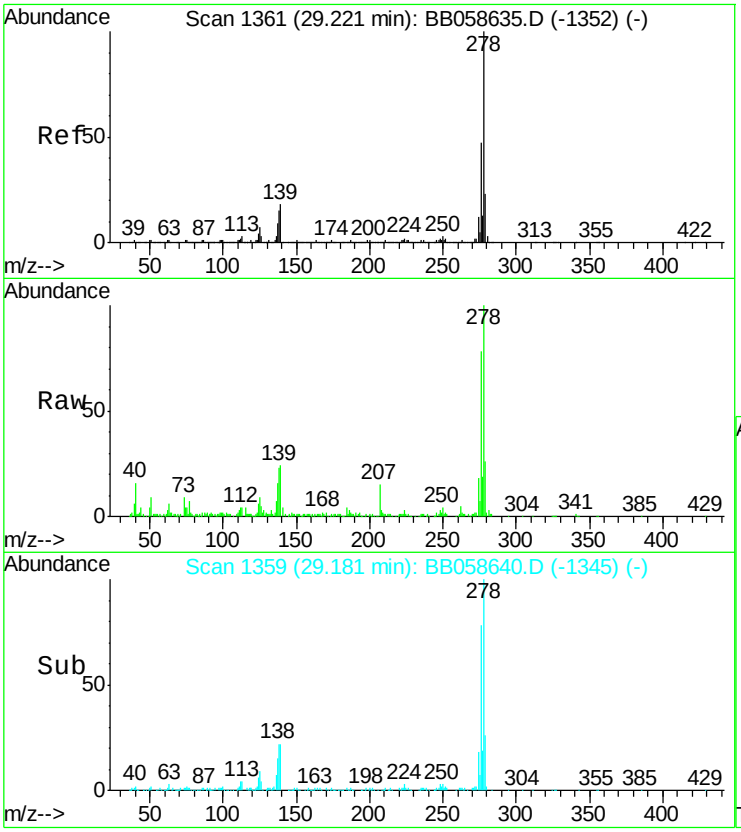


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:276 Resp: 145949

Ion	Ratio	Lower	Upper
276	100		
138	24.5	13.9	20.9#
277	23.1	20.1	30.1

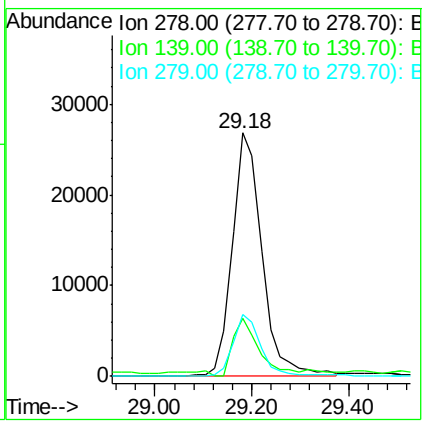




#90
Dibenzo(a,h)anthracene
Concen: 2.13 ng/ul
RT: 29.18 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:278 Resp: 114231

Ion	Ratio	Lower	Upper
278	100		
139	23.8	9.5	14.3#
279	25.5	19.1	28.7



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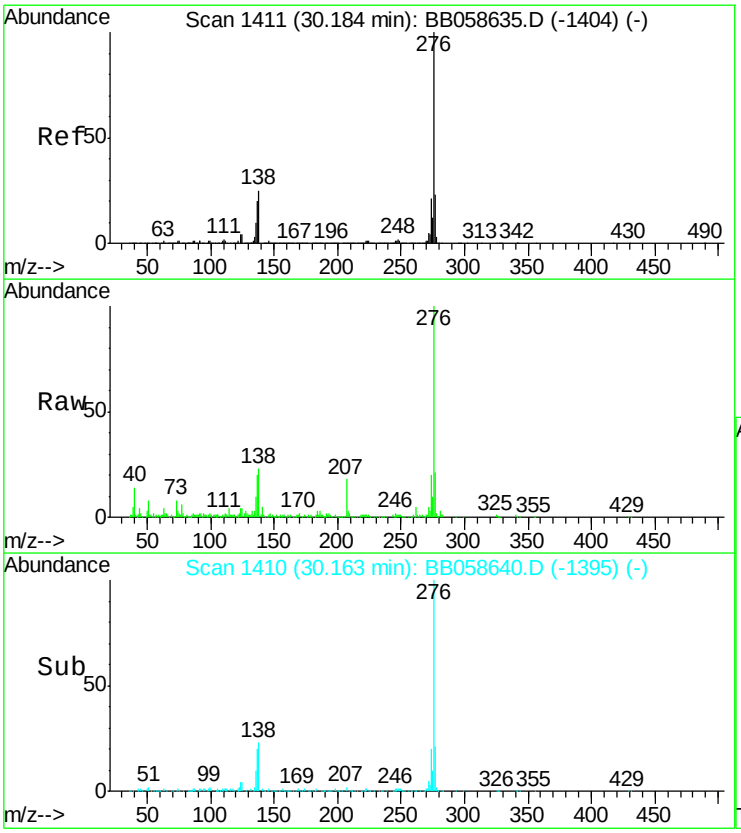

#91
Benzo(g,h,i)perylene
Concen: 2.29 ng/ul
RT: 30.16 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BB058640.D
Acq: 18 Oct 2016 14:13

Tgt Ion:276 Resp: 117213

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.5	20.3#
277	21.0	19.3	28.9