Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058630.D
Acq On : 13 Oct 2016 13:28
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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Quant Time: Oct 13 14:14:30 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	502209	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1878448	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1101980	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1744938	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1864213	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1360543	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	65667	5.92	ng/uL	0.02
5) Phenol-d5	7.81	99	948726	26.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	699225	28.61	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1036690	27.39	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	792491	26.24	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	527760	27.17	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	590435	28.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	793625	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1079355	30.27	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2075280	28.32	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2514844	29.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	391014	23.24	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1771260	29.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	423713	22.87	ng/ul	0.00
70) Anthracene-d10	18.53	188	2303912m	29.52	ng/ul	0.00
76) Pyrene-d10	20.86	212	2492786	30.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1749568	28.16	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	10159	0.92	ng/uL#	73
4) Benzaldehyde	7.73	77	52531	2.24	ng/ul#	71
6) Phenol	7.83	94	89931	2.49	ng/ul#	26
8) Bis(2-Chloroethyl)ether	8.06	93	79984	2.68	ng/ul	86
10) 2-Chlorophenol	8.22	128	90612	2.52	ng/ul#	67
11) 2-Methylphenol	9.16	108	72550	2.50	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.25	45	154478	2.94	ng/ul#	86
14) Acetophenone	9.54	105	112987	2.56	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.54	70	68376	2.62	ng/ul#	54
16) 4-Methylphenol	9.51	108	74476	2.37	ng/ul	99
17) Hexachloroethane	9.83	117	43231	2.48	ng/ul#	57
20) Nitrobenzene	9.93	77	100113	2.74	ng/ul#	97
21) Isophorone	10.49	82	193885	2.76	ng/ul#	96
23) 2-Nitrophenol	10.70	139	55402	2.54	ng/ul	94
24) 2,4-Dimethylphenol	10.78	107	92630	2.59	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.99	93	89526	2.64	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	75564	2.55	ng/ul#	72
28) Naphthalene	11.68	128	247995	2.77	ng/ul	100
30) 4-Chloroaniline	11.78	127	93285	2.76	ng/ul	99
31) Hexachlorobutadiene	12.03	225	49774	2.46	ng/ul	95
32) Caprolactam	12.59	113	24389	2.26	ng/ul	85
33) 4-Chloro-3-methylphenol	12.95	107	75653	2.56	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	164339	2.66	ng/ul	92

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Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	82419	2.44 ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	30972	1.45 ng/ul	96
38) 2,4,6-Trichlorophenol	13.97	196	47861	2.33 ng/ul	96
39) 2,4,5-Trichlorophenol	14.03	196	51091	2.34 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	189819	2.57 ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	151066	2.57 ng/ul	97
42) 2-Nitroaniline	14.59	65	54515	2.41 ng/ul#	69
44) Dimethylphthalate	14.99	163	182530	2.49 ng/ul#	98
45) 2,6-Dinitrotoluene	15.11	165	43608	2.36 ng/ul#	84
47) Acenaphthylene	15.28	152	232762	2.78 ng/ul	99
48) 3-Nitroaniline	14.61	138	53512	2.21 ng/ul#	38
49) Acenaphthene	15.65	153	150179	2.61 ng/ul	95
50) 2,4-Dinitrophenol	15.67	184	16666	1.26 ng/ul#	72
52) 4-Nitrophenol	15.78	109	35289m	2.58 ng/ul	
53) Dibenzofuran	15.99	168	217833	2.66 ng/ul	97
54) 2,4-Dinitrotoluene	15.94	165	60044	2.33 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.22	232	42390m	2.22 ng/ul	
56) Diethylphthalate	16.42	149	216417	2.85 ng/ul	95
58) Fluorene	16.67	166	167831	2.52 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	92742	2.59 ng/ul	96
60) 4-Nitroaniline	16.65	138	24635	1.29 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.72	198	36763	1.99 ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	146006	2.59 ng/ul	92
65) 4-Bromophenyl-phenylether	17.57	248	52724	2.36 ng/ul#	88
66) Hexachlorobenzene	17.73	284	52474	2.34 ng/ul#	70
67) Atrazine	17.84	200	52670	2.46 ng/ul	93
68) Pentachlorophenol	18.07	266	27905	1.76 ng/ul	95
69) Phenanthrene	18.46	178	242992	2.80 ng/ul	99
71) Anthracene	18.55	178	251397	2.83 ng/ul	100
72) Carbazole	18.82	167	207586	2.80 ng/ul	98
73) Di-n-butylphthalate	19.40	149	373029	3.08 ng/ul	98
74) Fluoranthene	20.52	202	266244	3.01 ng/ul	98
77) Pyrene	20.88	202	268410	2.75 ng/ul#	90
78) Butylbenzylphthalate	21.79	149	171939	2.72 ng/ul#	94
79) 3,3'-Dichlorobenzidine	22.67	252	47387	1.44 ng/ul	96
80) Benzo(a)anthracene	22.77	228	245759	2.59 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	227587	2.71 ng/ul	98
82) Chrysene	22.83	228	233226	2.62 ng/ul	97
84) Di-n-octyl phthalate	22.67	149	227587	3.21 ng/ul#	47
85) Benzo(b)fluoranthene	24.91	252	196538	2.19 ng/ul	98
86) Benzo(k)fluoranthene	24.97	252	190650m	2.74 ng/ul	
88) Benzo(a)pyrene	25.72	252	181922	2.41 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	124825	1.89 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.16	278	97365	1.78 ng/ul#	87
91) Benzo(g,h,i)perylene	30.13	276	102446	1.96 ng/ul#	92

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

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Instrument :
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Manual Integrations APPROVED
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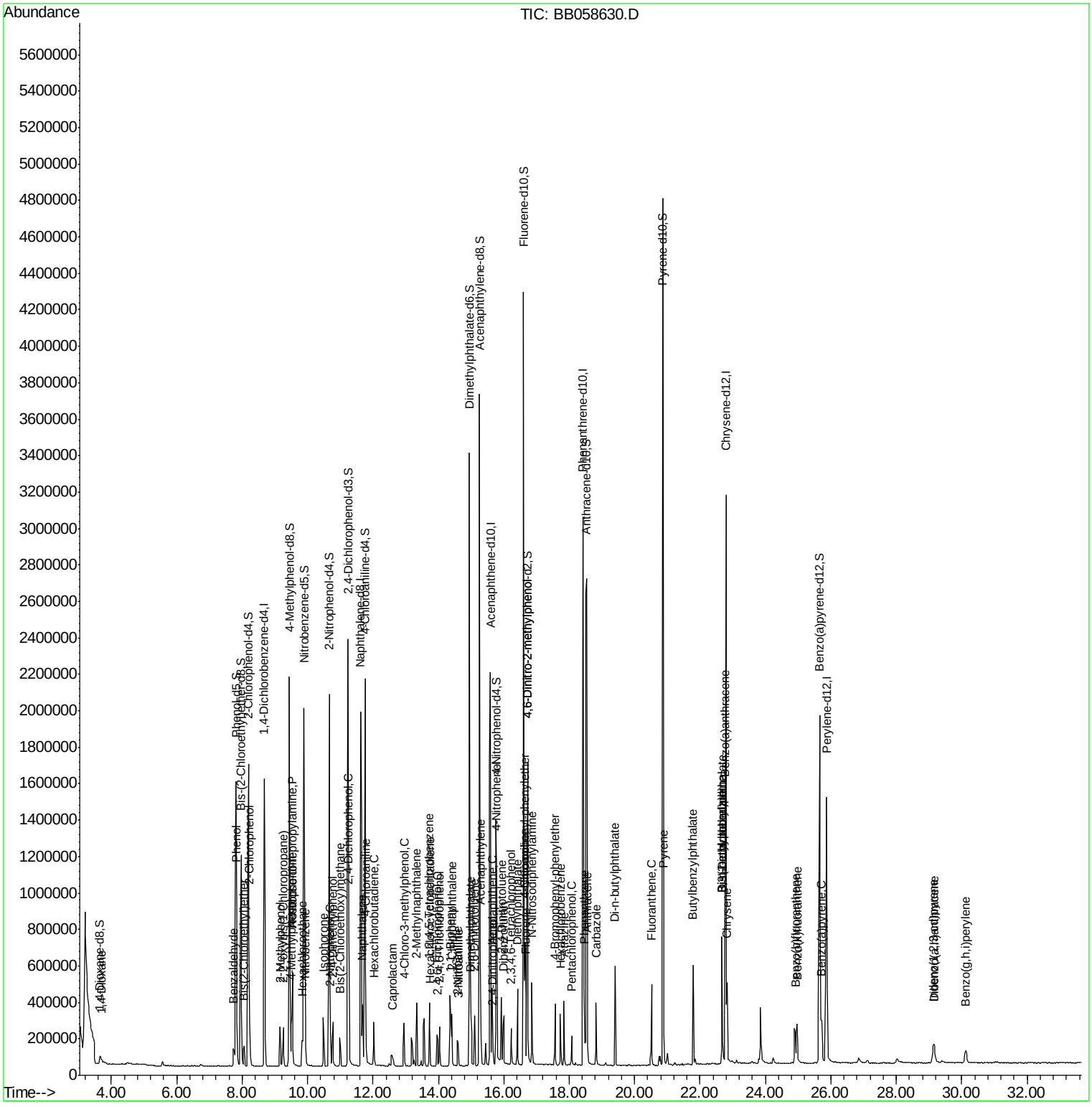
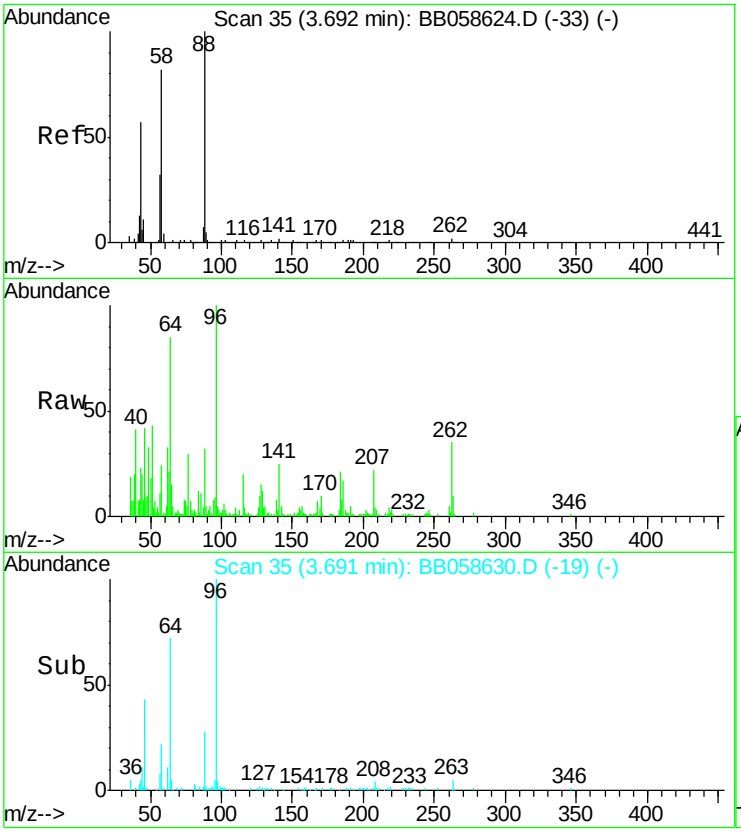
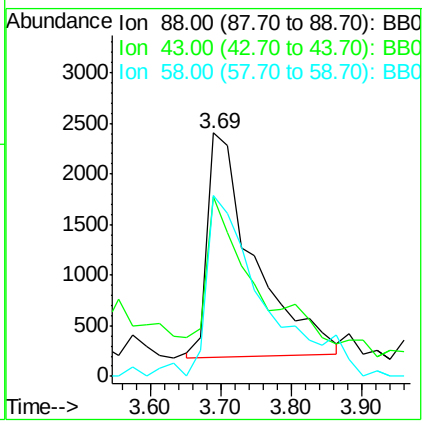




#2
1,4-Dioxane
Concen: 0.92 ng/uL
RT: 3.69 min Scan# 35
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 88 Resp: 10159

Ion	Ratio	Lower	Upper
88	100		
43	45.9	22.6	34.0#
58	91.9	57.3	85.9#



Instrument :
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ClientSampleId :
MDL-05-S

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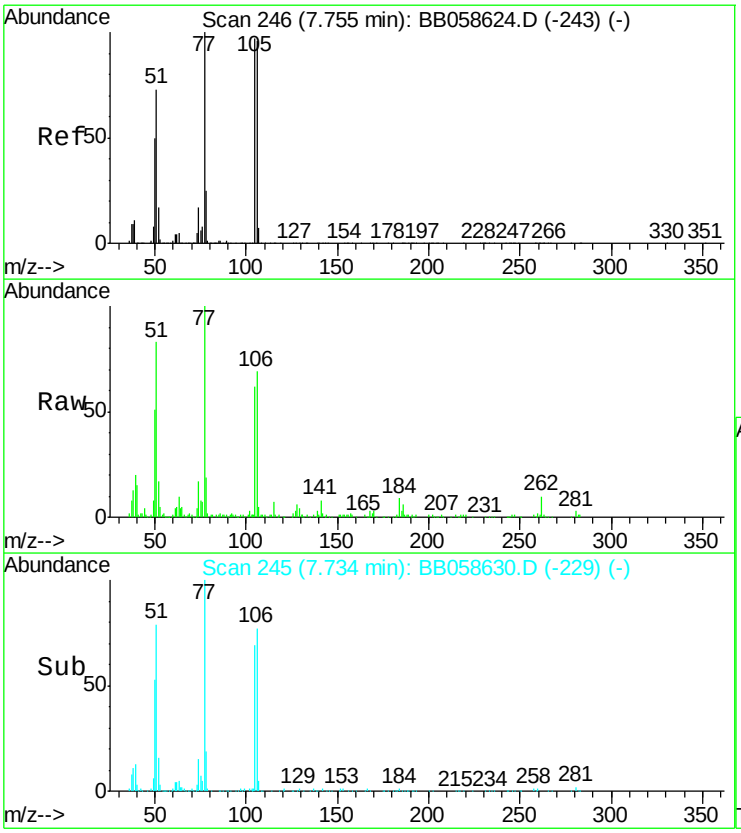
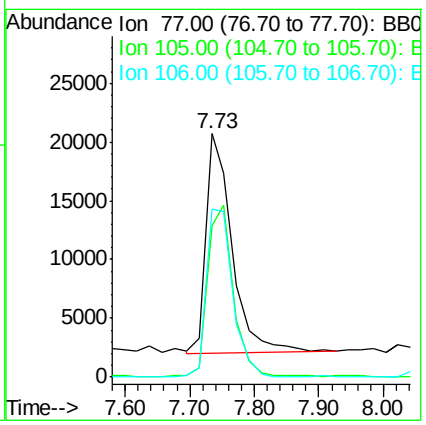
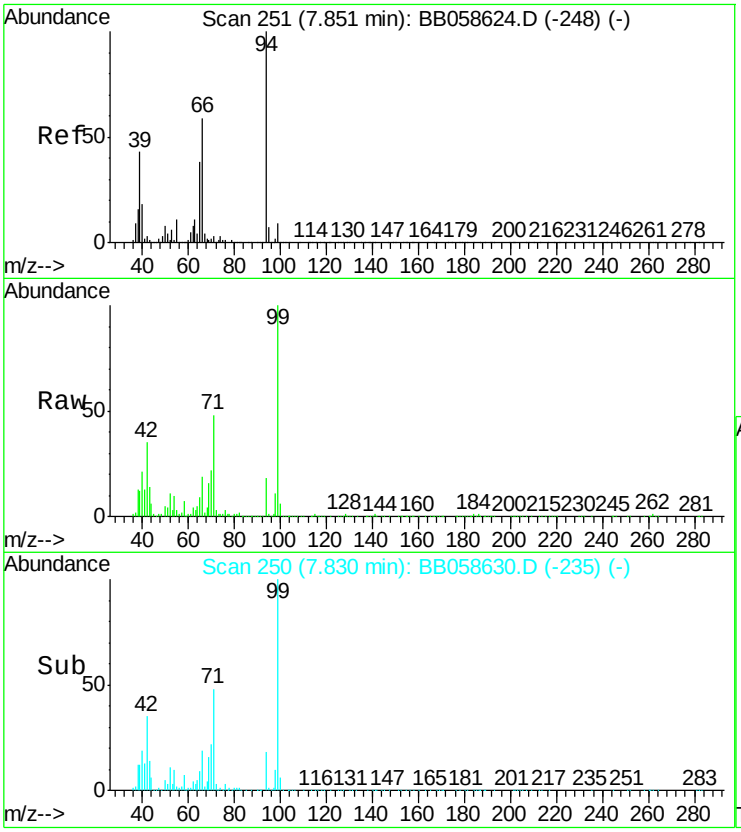


#4
Benzaldehyde
Concen: 2.24 ng/ul
RT: 7.73 min Scan# 245
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 77 Resp: 52531

Ion	Ratio	Lower	Upper
77	100		
105	62.0	76.9	115.3#
106	68.8	71.8	107.8#

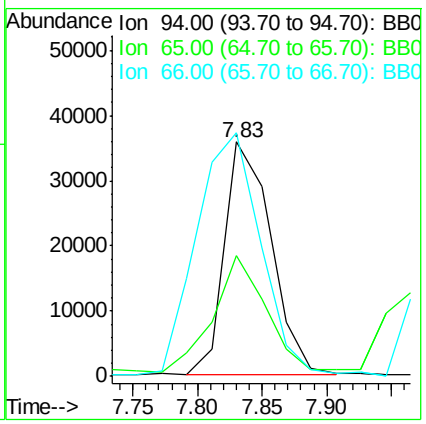




#6
Phenol
Concen: 2.49 ng/ul
RT: 7.83 min Scan# 250
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 94 Resp: 89931

Ion	Ratio	Lower	Upper
94	100		
65	51.5	23.9	35.9#
66	103.8	33.5	50.3#



Instrument :
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ClientSampleId :
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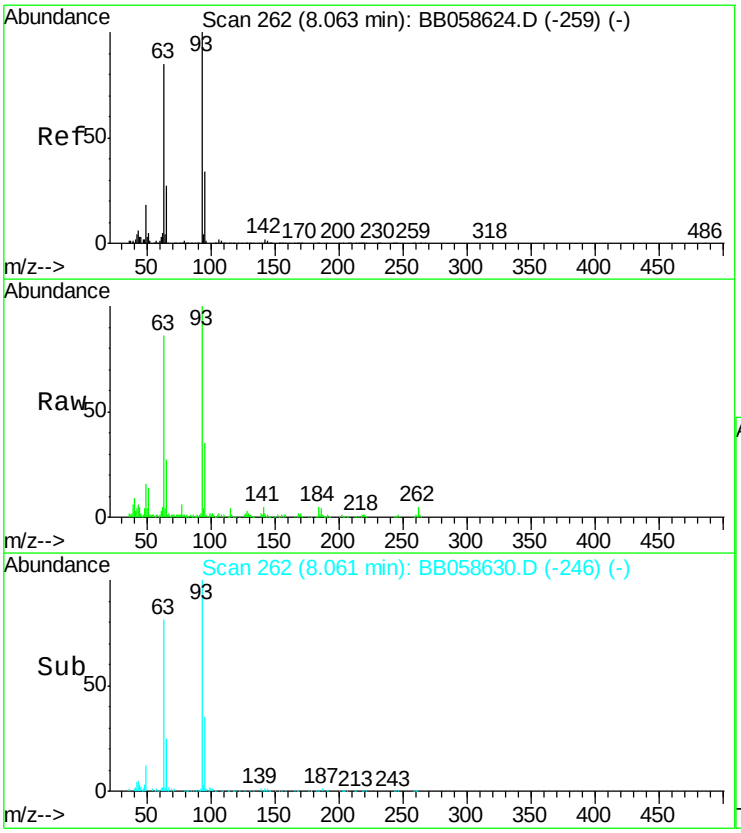
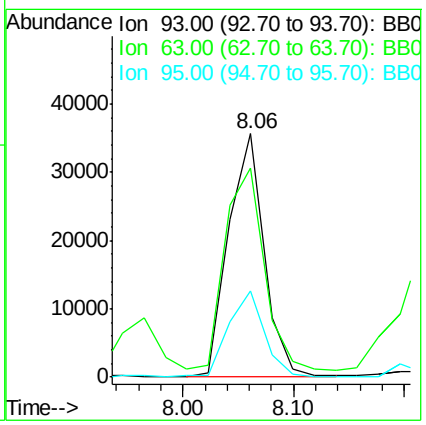
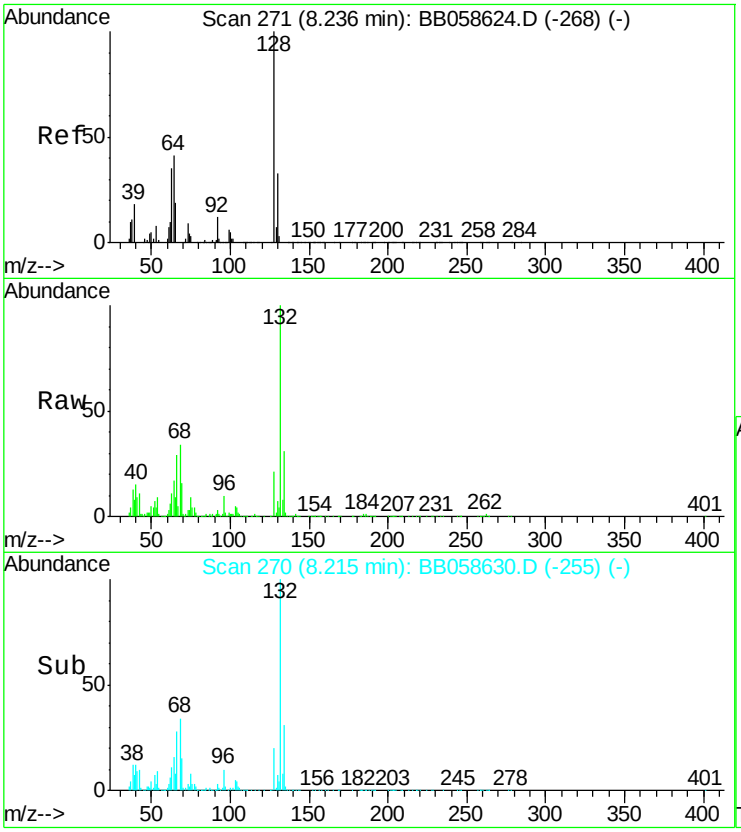


#8
Bis(2-Chloroethyl)ether
Concen: 2.68 ng/ul
RT: 8.06 min Scan# 262
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 93 Resp: 79984

Ion	Ratio	Lower	Upper
93	100		
63	85.9	57.3	85.9
95	35.3	25.1	37.7

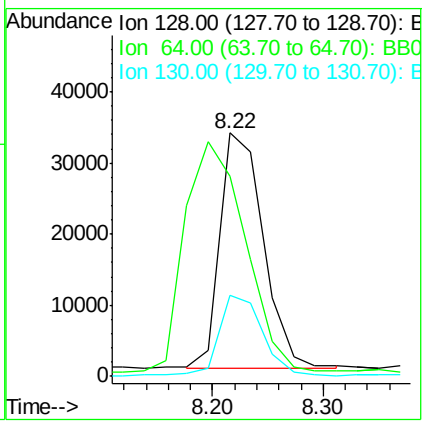




#10
2-Chlorophenol
Concen: 2.52 ng/ul
RT: 8.22 min Scan# 270
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:128 Resp: 90612

Ion	Ratio	Lower	Upper
128	100		
64	82.2	37.5	56.3#
130	33.0	25.0	37.4



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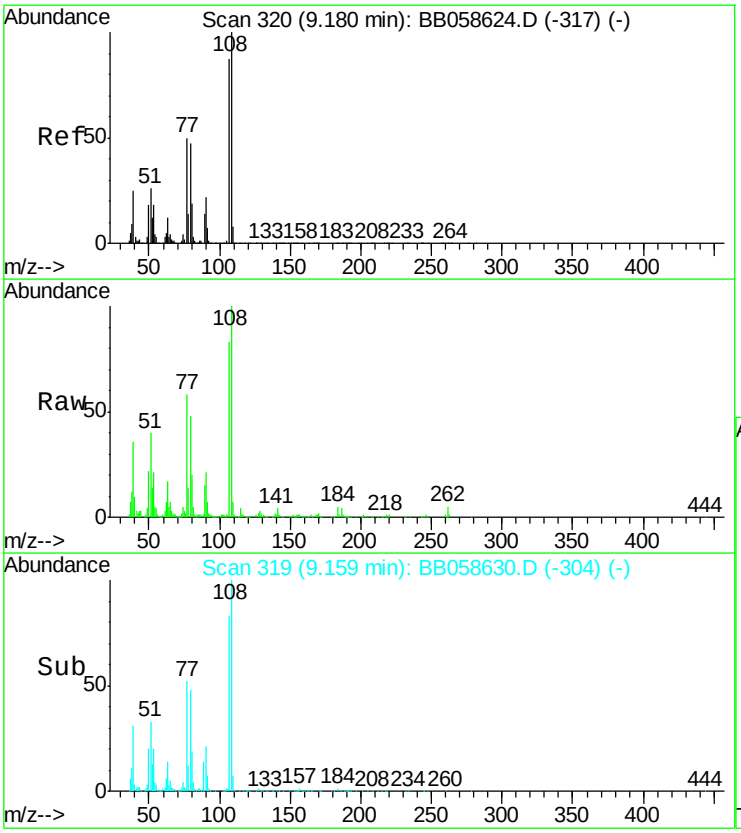
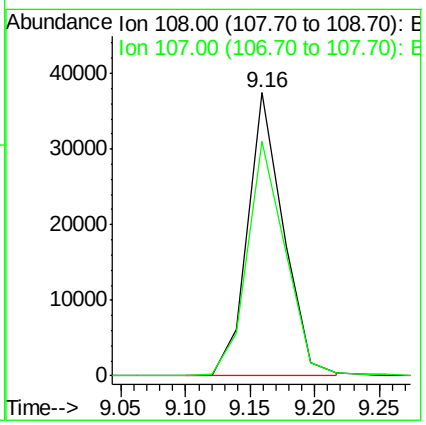
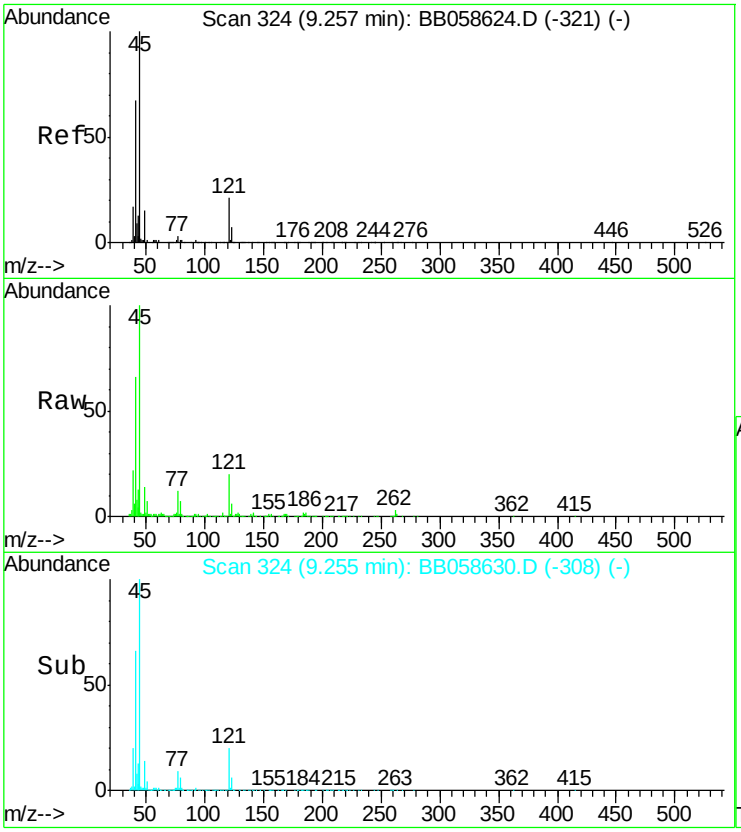


#11
2-Methylphenol
Concen: 2.50 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:108 Resp: 72550

Ion	Ratio	Lower	Upper
108	100		
107	83.0	71.8	107.6





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.94 ng/ul
RT: 9.25 min Scan# 324
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 45 Resp: 154478

Ion	Ratio	Lower	Upper
45	100		
77	11.8	14.1	21.1#
79	6.6	10.4	15.6#

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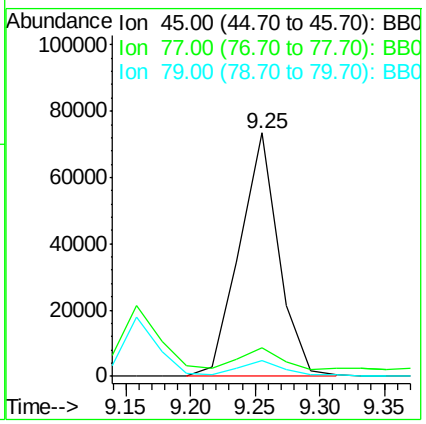
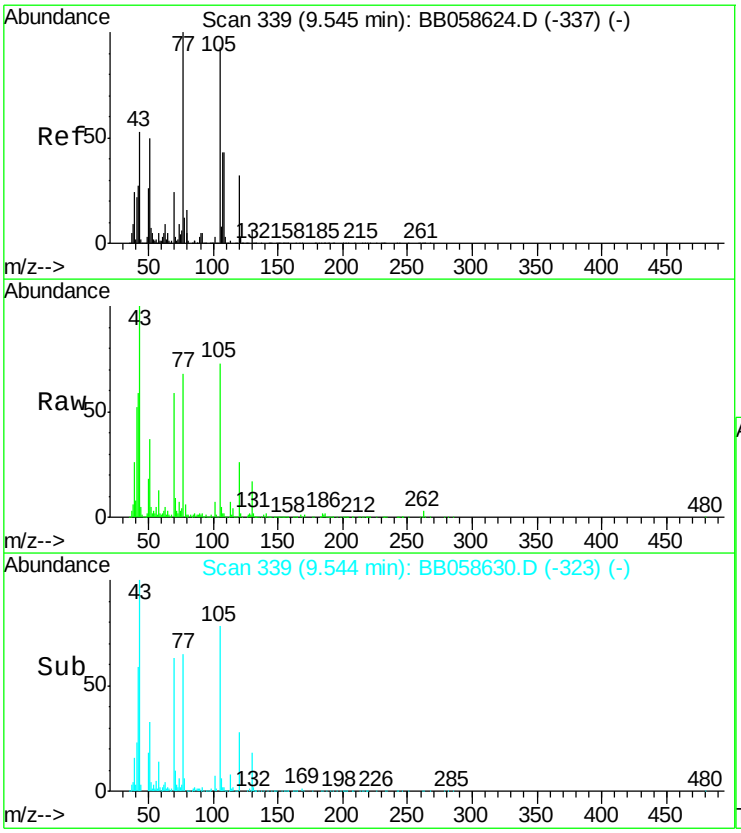
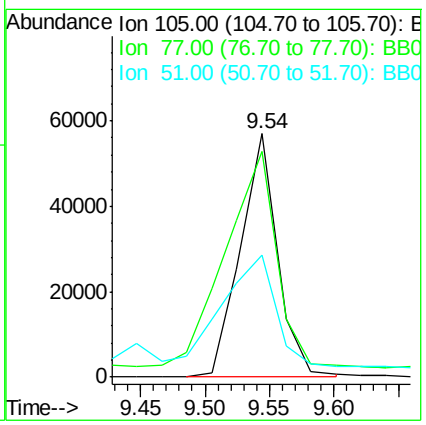


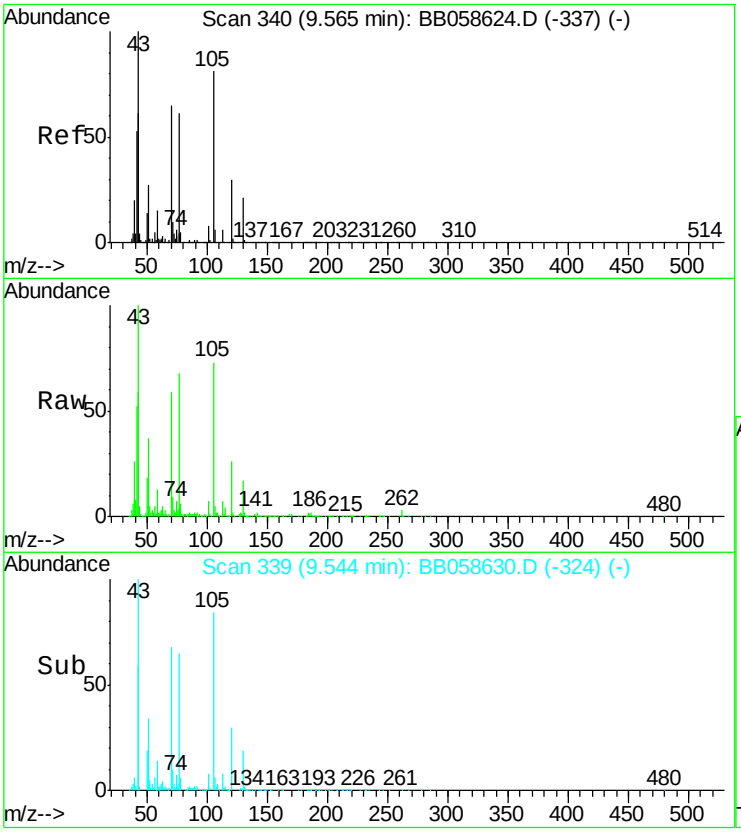


#14
Acetophenone
Concen: 2.56 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:105 Resp: 112987

Ion	Ratio	Lower	Upper
105	100		
77	92.5	65.9	98.9
51	50.0	22.2	33.2#

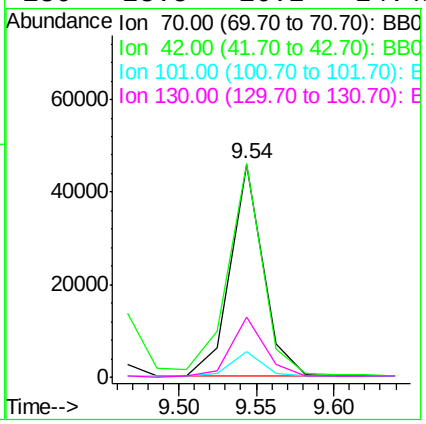




#15
N-Nitroso-di-n-propylamine
Concen: 2.62 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 70 Resp: 68376

Ion	Ratio	Lower	Upper
70	100		
42	100.4	43.4	65.2#
101	12.2	7.8	11.6#
130	28.5	16.2	24.4#



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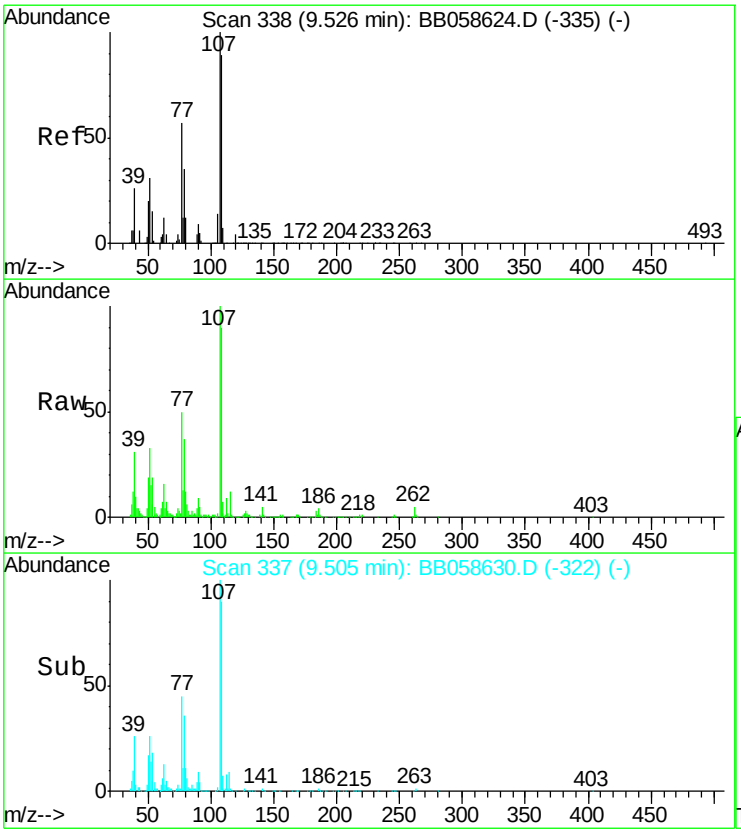
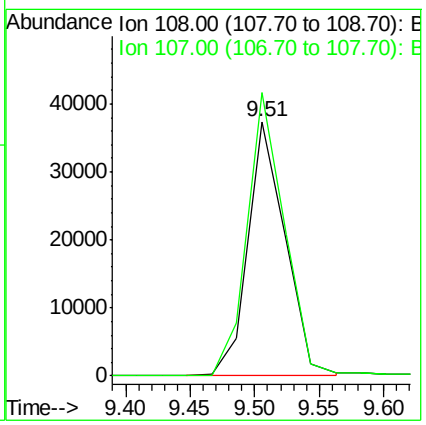
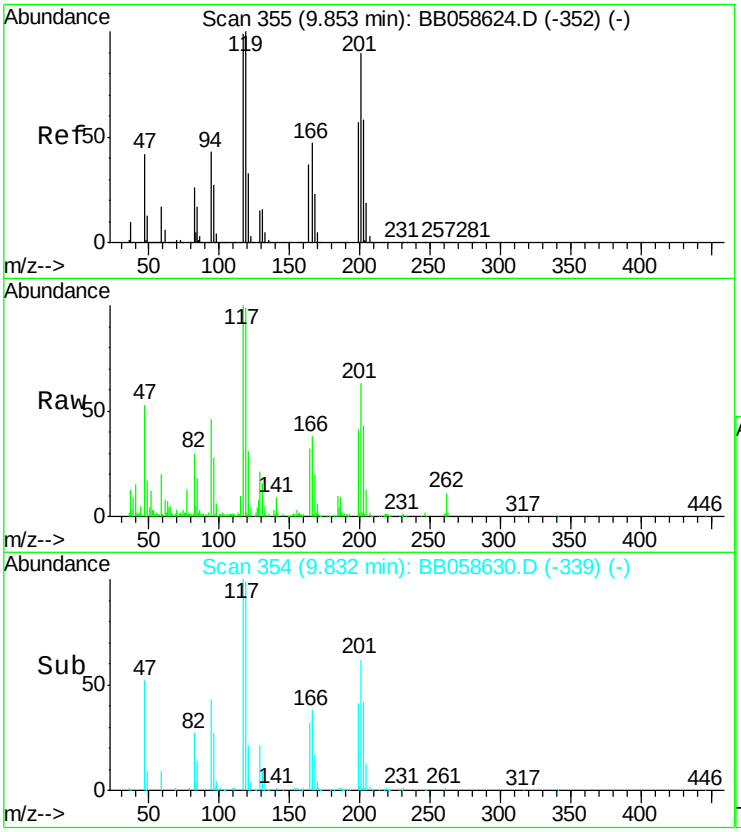


#16
4-Methylphenol
Concen: 2.37 ng/ul
RT: 9.51 min Scan# 337
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:108 Resp: 74476

Ion	Ratio	Lower	Upper
108	100		
107	111.3	87.8	131.8

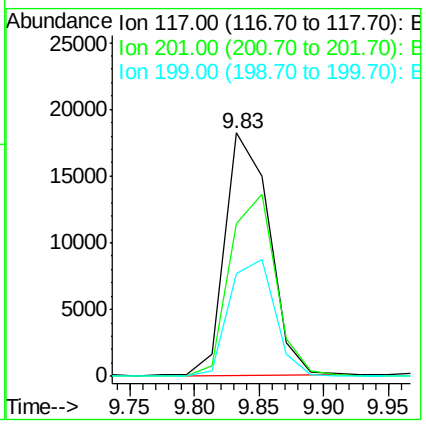




#17
Hexachloroethane
Concen: 2.48 ng/ul
RT: 9.83 min Scan# 354
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:117 Resp: 43231

Ion	Ratio	Lower	Upper
117	100		
201	62.9	90.3	135.5#
199	42.3	58.5	87.7#



Instrument :
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ClientSampleId :
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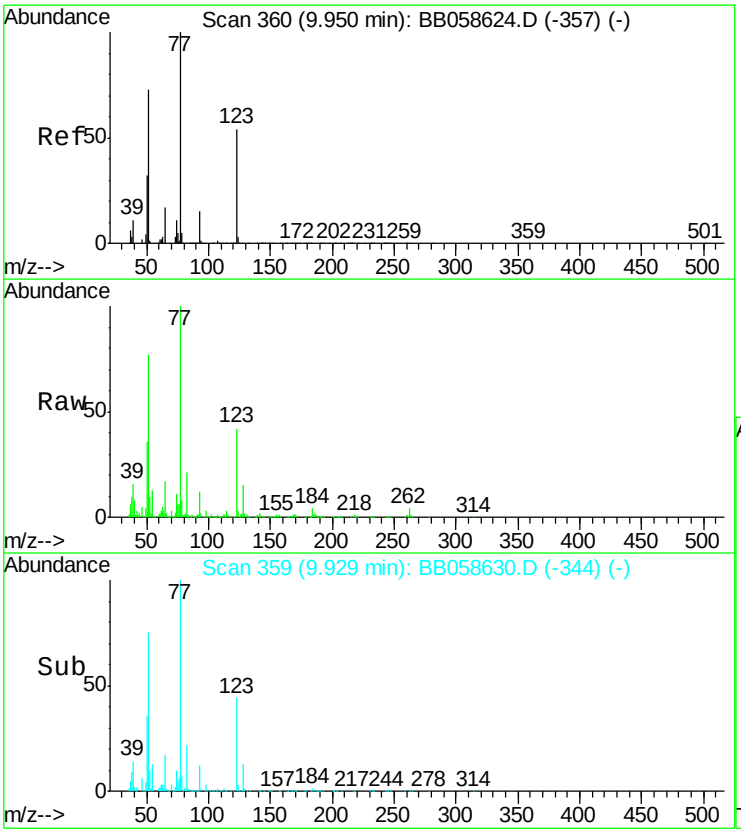
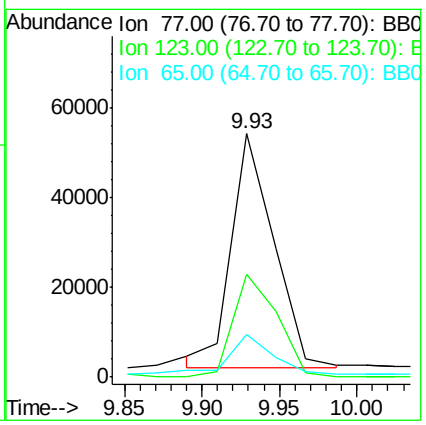
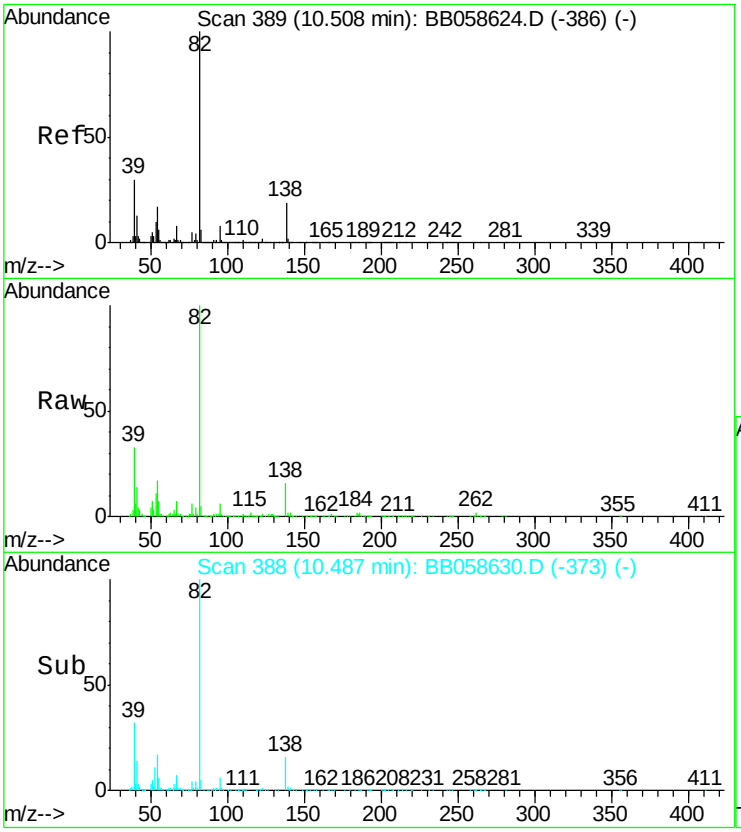


#20
Nitrobenzene
Concen: 2.74 ng/ul
RT: 9.93 min Scan# 359
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 77 Resp: 100113

Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.2	51.4
65	17.3	11.0	16.6#

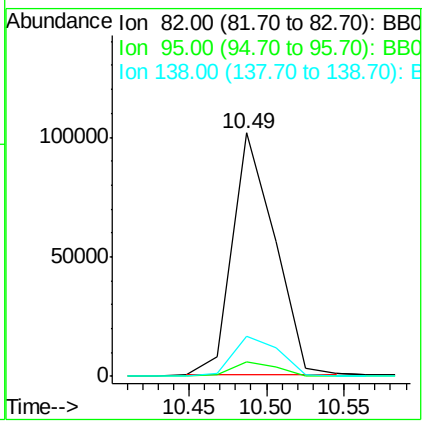




#21
Isophorone
Concen: 2.76 ng/ul
RT: 10.49 min Scan# 388
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 82 Resp: 193885

Ion	Ratio	Lower	Upper
82	100		
95	6.2	6.9	10.3#
138	16.3	13.8	20.8



Instrument :
BNA_B
ClientSampleId :
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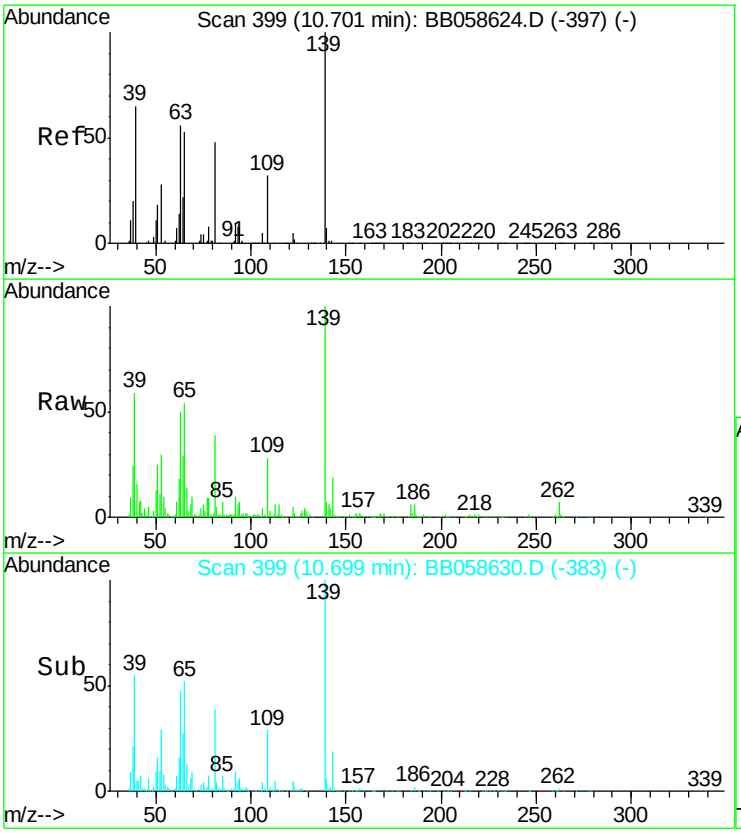
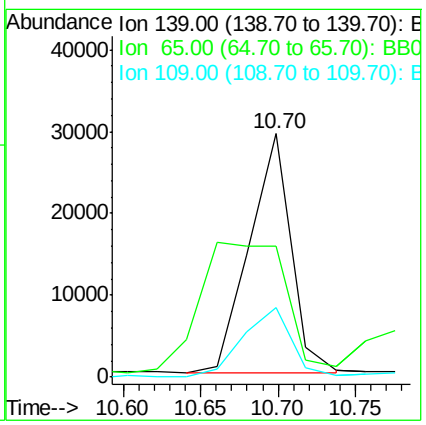
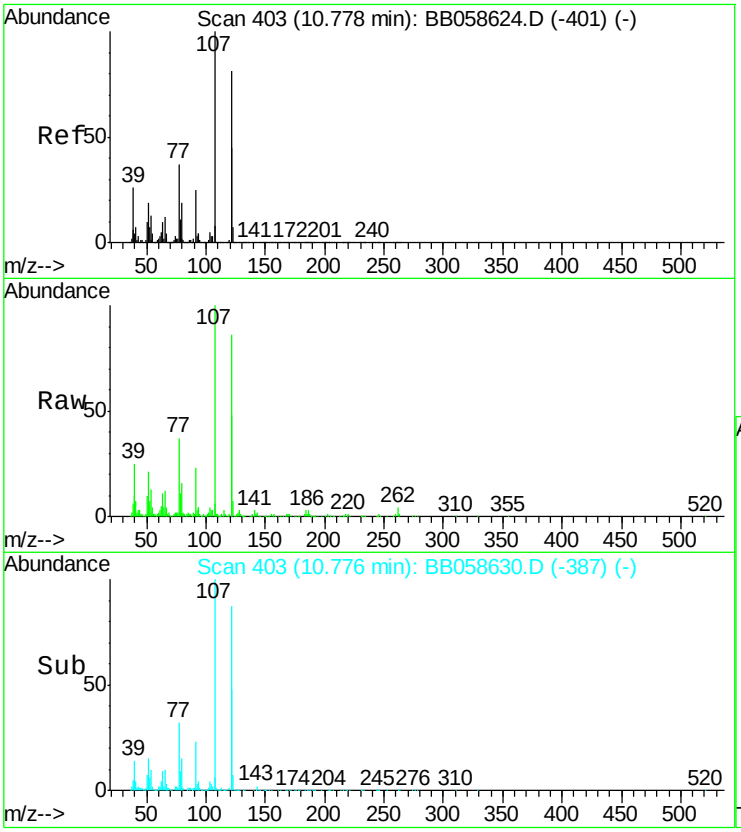


#23
2-Nitrophenol
Concen: 2.54 ng/ul
RT: 10.70 min Scan# 399
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:139 Resp: 55402

Ion	Ratio	Lower	Upper
139	100		
65	53.9	44.2	66.4
109	28.4	28.2	42.4

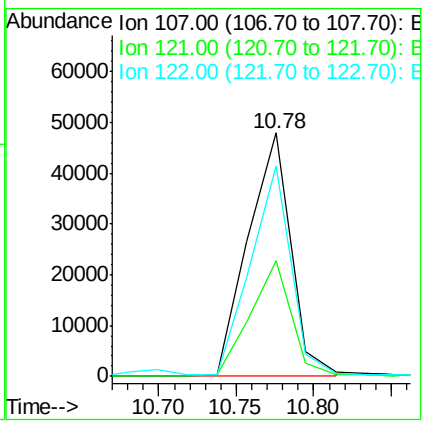




#24
2,4-Dimethylphenol
Concen: 2.59 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:107 Resp: 92630

Ion	Ratio	Lower	Upper
107	100		
121	47.7	37.1	55.7
122	86.5	62.8	94.2



Instrument :
BNA_B
ClientSampleId :
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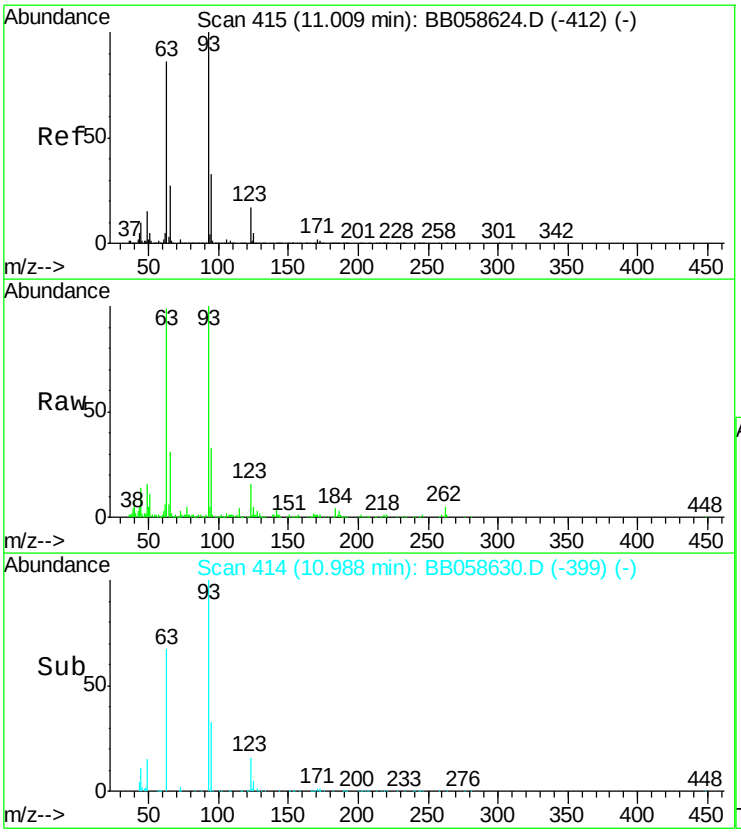
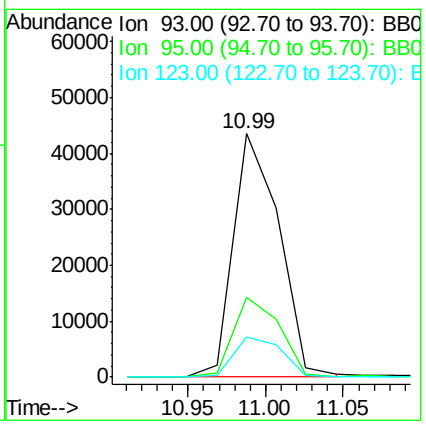
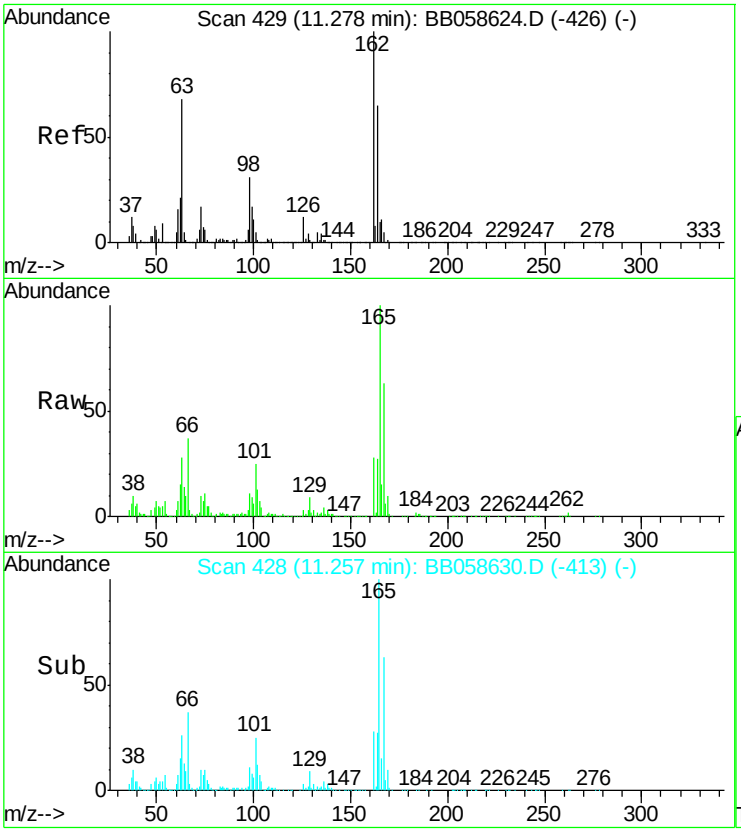


#25
Bis(2-Chloroethoxy)methane
Concen: 2.64 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 93 Resp: 89526

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	16.3	8.3	12.5#

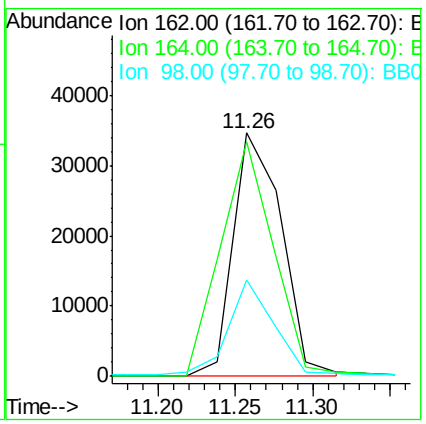




#27
2,4-Dichlorophenol
Concen: 2.55 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:162 Resp: 75564

Ion	Ratio	Lower	Upper
162	100		
164	96.1	51.6	77.4#
98	39.6	28.4	42.6



Instrument :
BNA_B
ClientSampleId :
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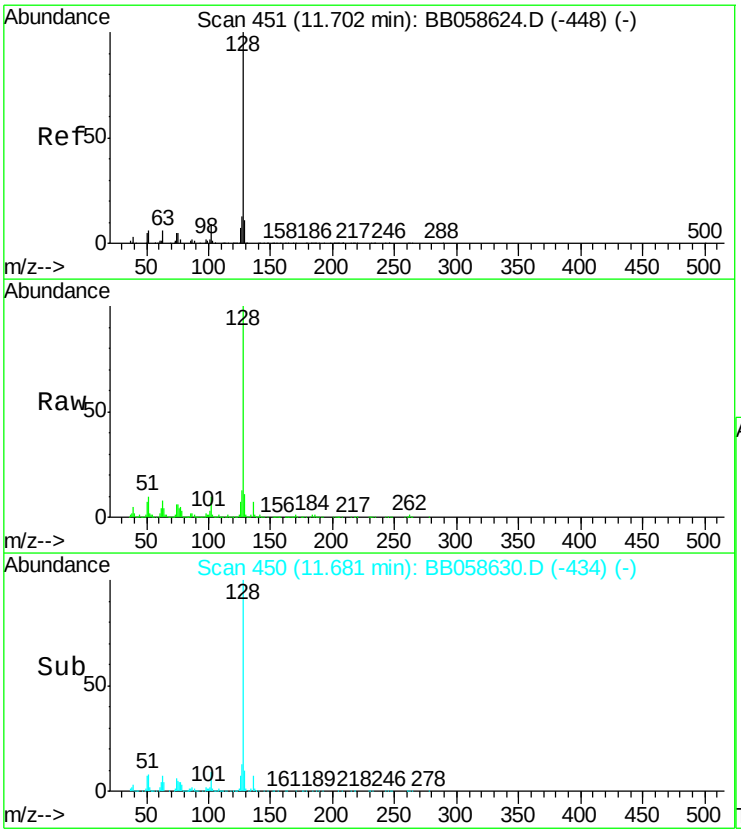
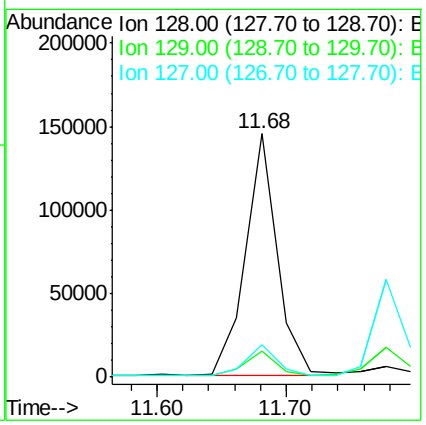
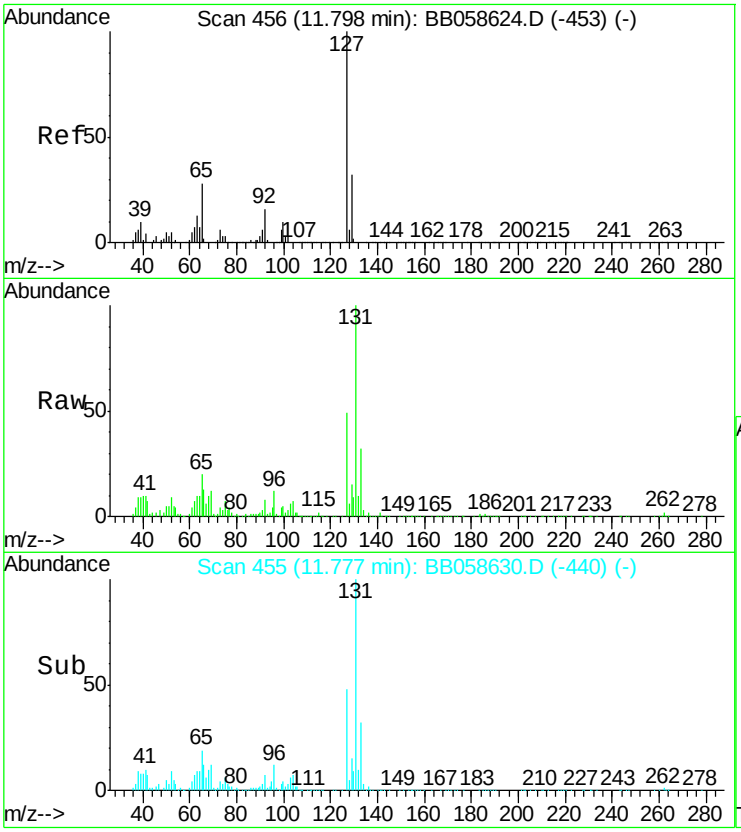


#28
Naphthalene
Concen: 2.77 ng/ul
RT: 11.68 min Scan# 450
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:128 Resp: 247995

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.3	10.6	15.8

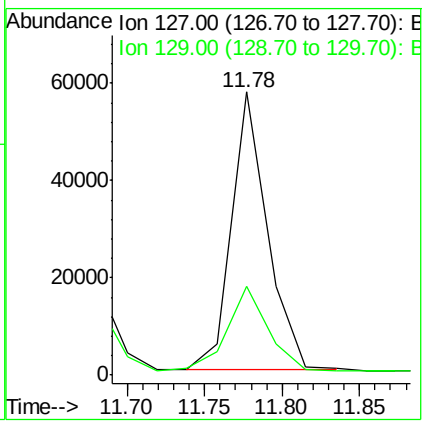




#30
4-Chloroaniline
Concen: 2.76 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:127 Resp: 93285

Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.6	37.0



Instrument :
BNA_B
ClientSampleId :
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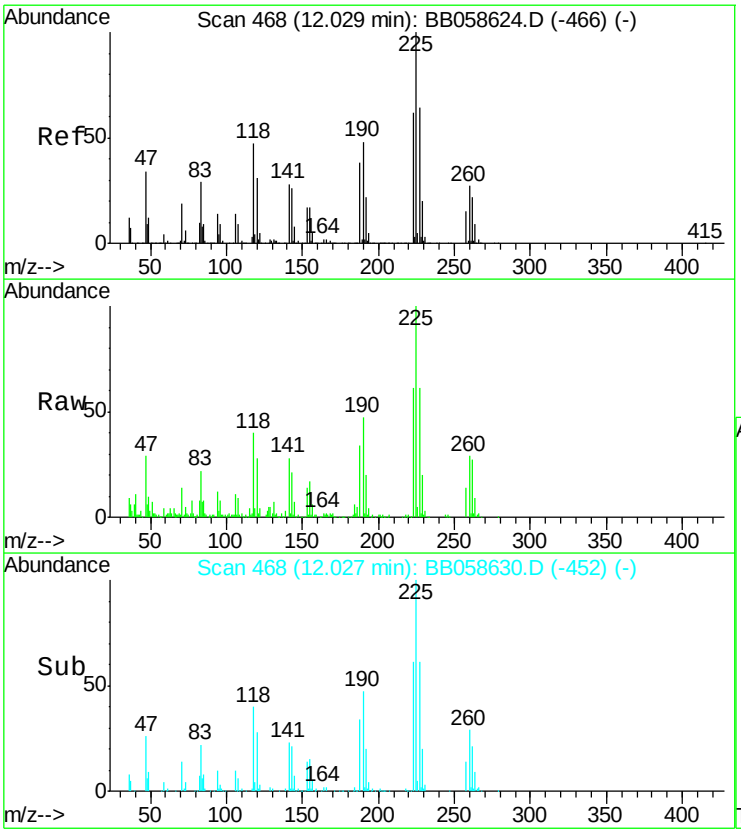
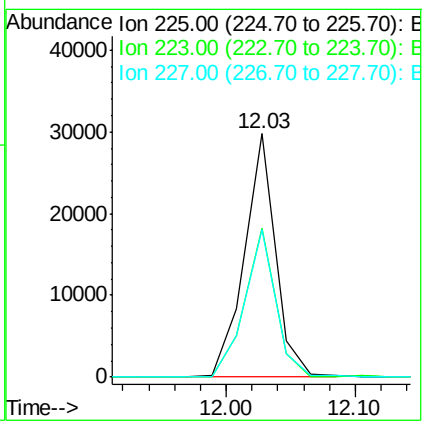
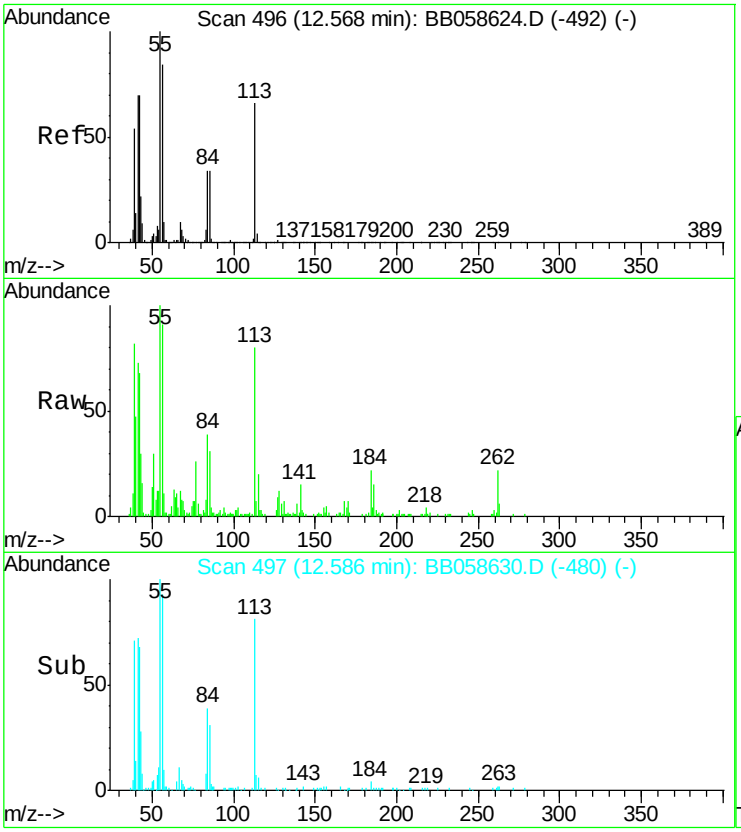


#31
Hexachlorobutadiene
Concen: 2.46 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:225 Resp: 49774

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.2	76.8
227	60.7	52.5	78.7

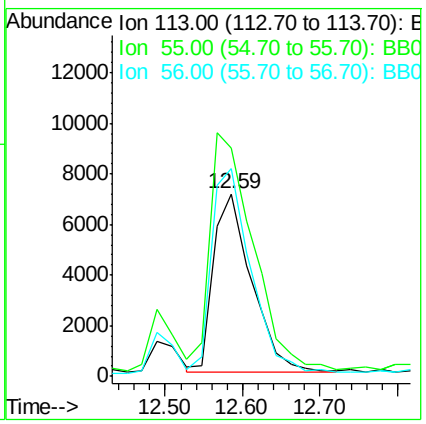




#32
Caprolactam
Concen: 2.26 ng/ul
RT: 12.59 min Scan# 497
Delta R.T. 0.04 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:113 Resp: 24389

Ion	Ratio	Lower	Upper
113	100		
55	125.1	121.9	182.9
56	113.9	97.4	146.0



Instrument :
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ClientSampleId :
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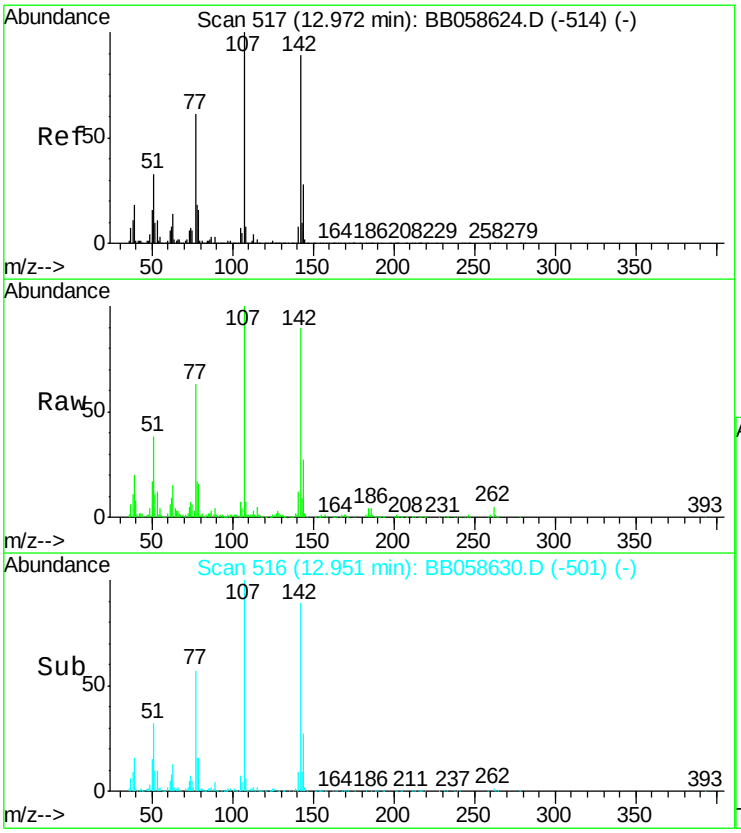
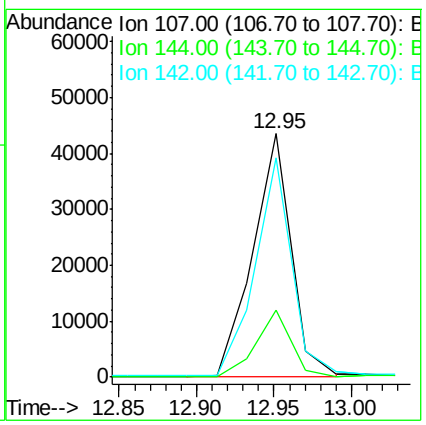
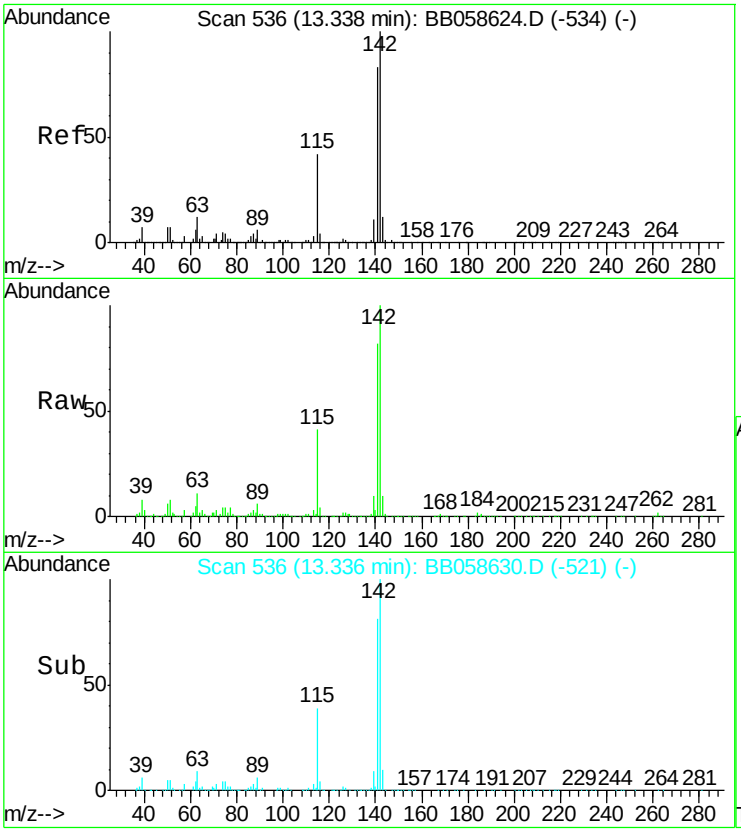


#33
4-Chloro-3-methylphenol
Concen: 2.56 ng/ul
RT: 12.95 min Scan# 516
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:107 Resp: 75653

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.1	31.7
142	90.2	64.1	96.1





#34
2-Methylnaphthalene
Concen: 2.66 ng/ul
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:142 Resp: 164339

Ion	Ratio	Lower	Upper
142	100		
141	82.0	71.3	106.9

Instrument :
BNA_B
ClientSampleId :
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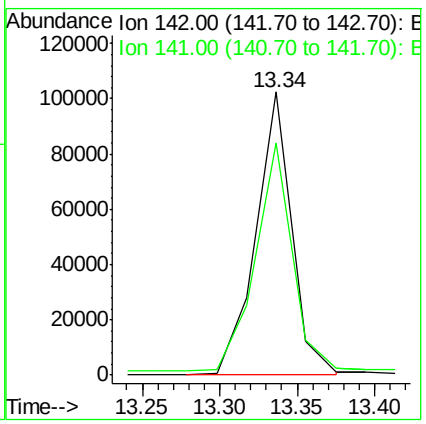
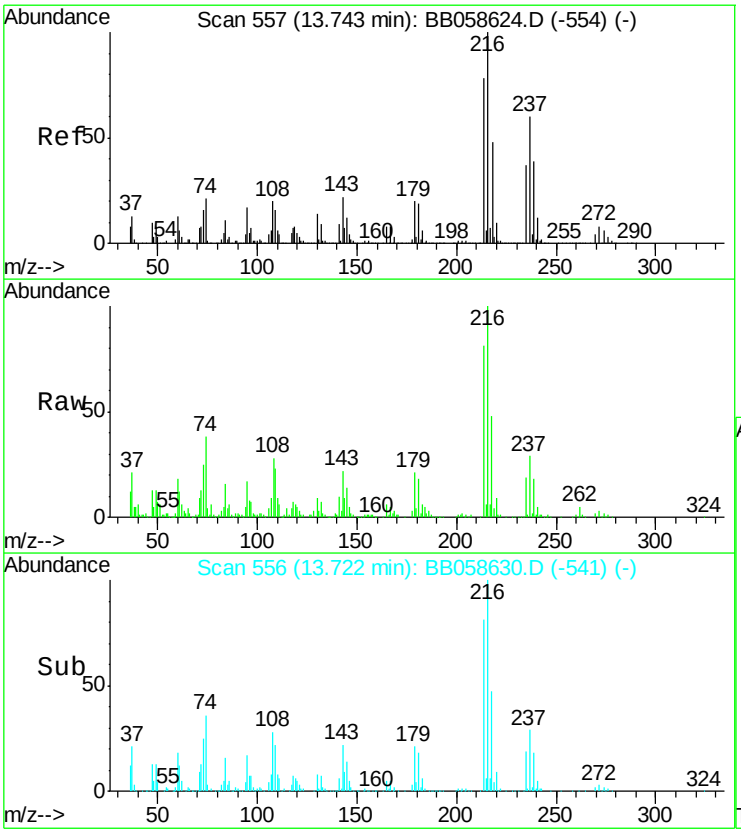
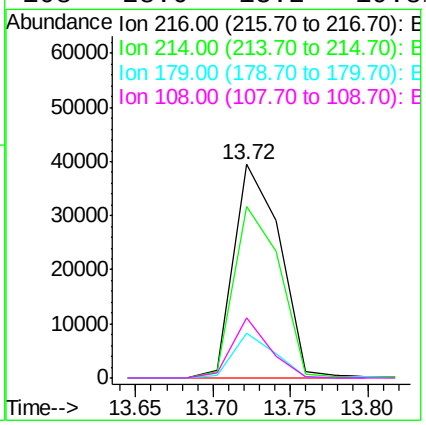


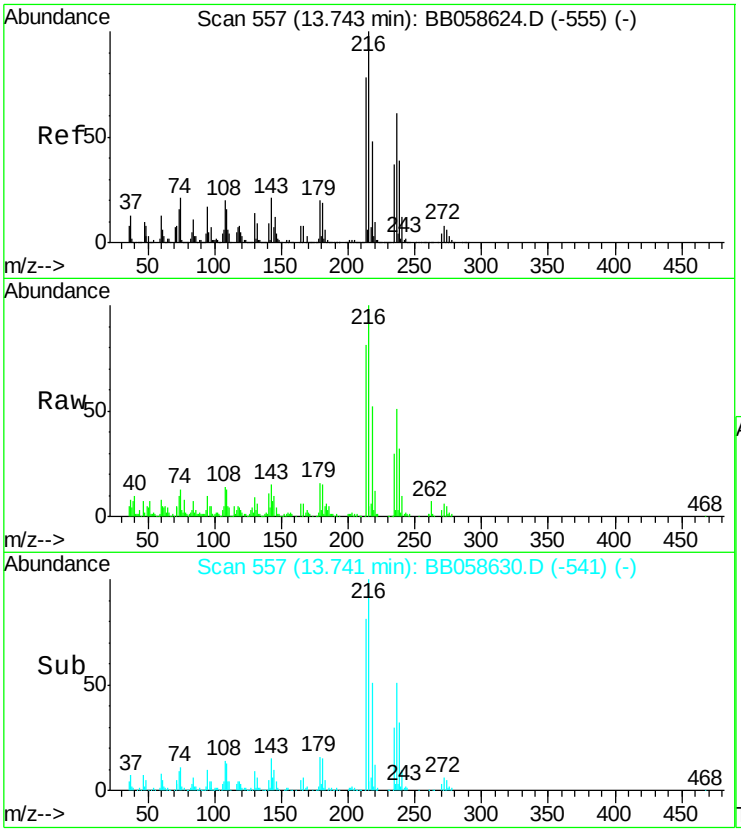


#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.44 ng/ul
RT: 13.72 min Scan# 556
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:216 Resp: 82419

Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.8	97.2
179	20.7	16.7	25.1
108	28.0	13.2	19.8#

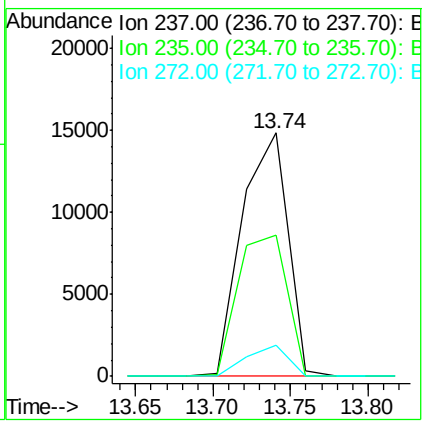




#37
Hexachlorocyclopentadiene
Concen: 1.45 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:237 Resp: 30972

Ion	Ratio	Lower	Upper
237	100		
235	58.0	49.6	74.4
272	12.6	10.4	15.6



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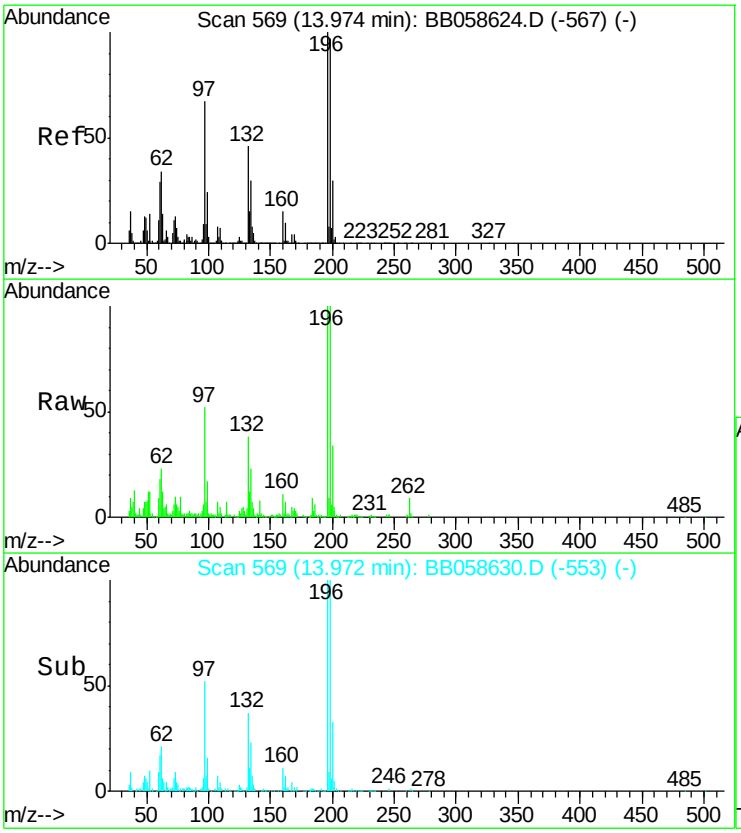
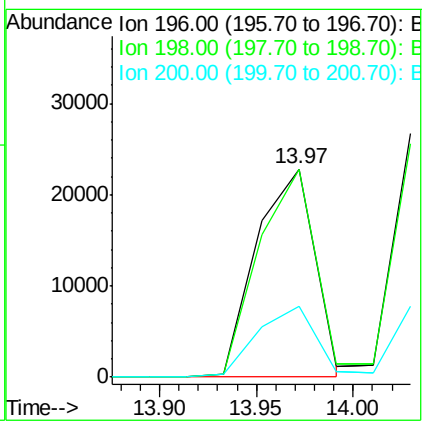
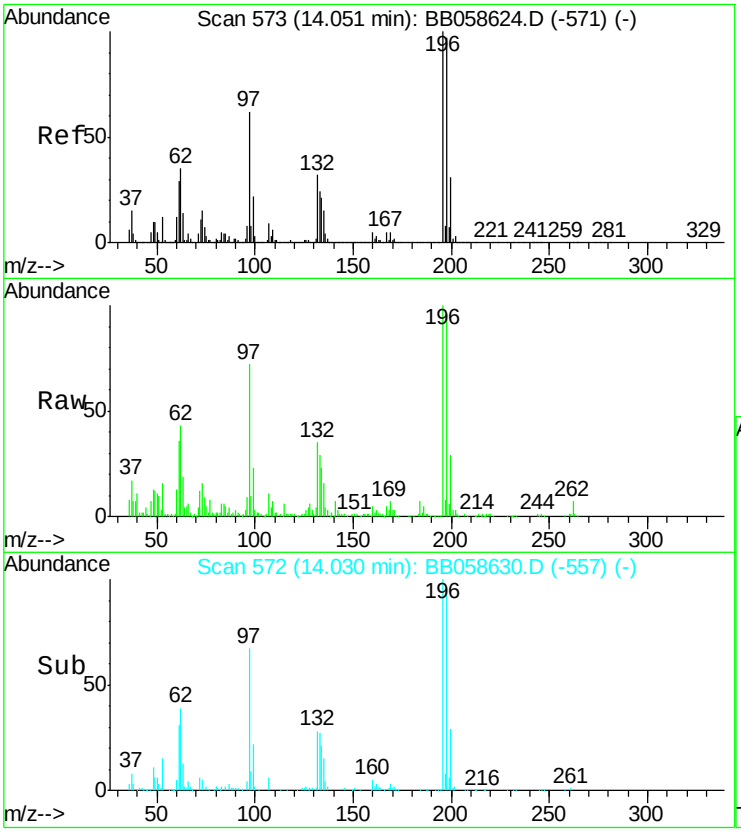


#38
2,4,6-Trichlorophenol
Concen: 2.33 ng/ul
RT: 13.97 min Scan# 569
Delta R.T. 0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:196 Resp: 47861

Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.9	115.3
200	33.7	25.1	37.7

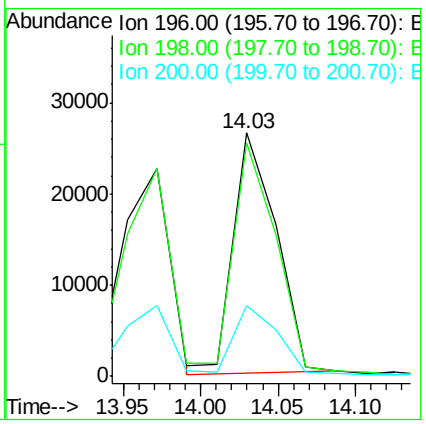




#39
2,4,5-Trichlorophenol
Concen: 2.34 ng/ul
RT: 14.03 min Scan# 572
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:196 Resp: 51091

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.8	115.2
200	29.3	27.0	40.4



Instrument :
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ClientSampleId :
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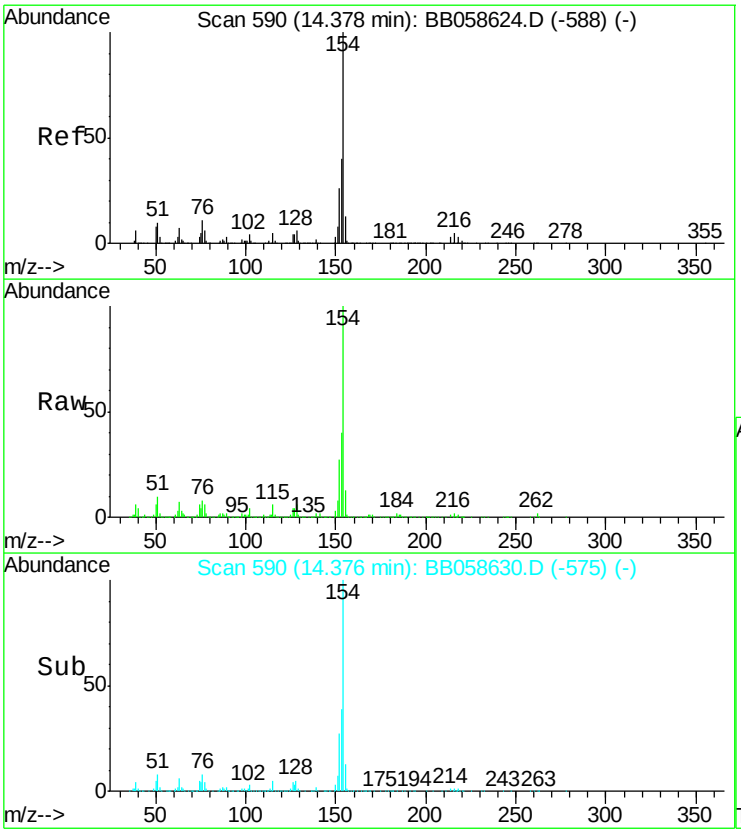
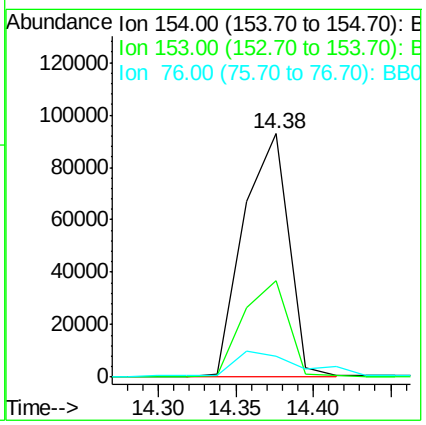
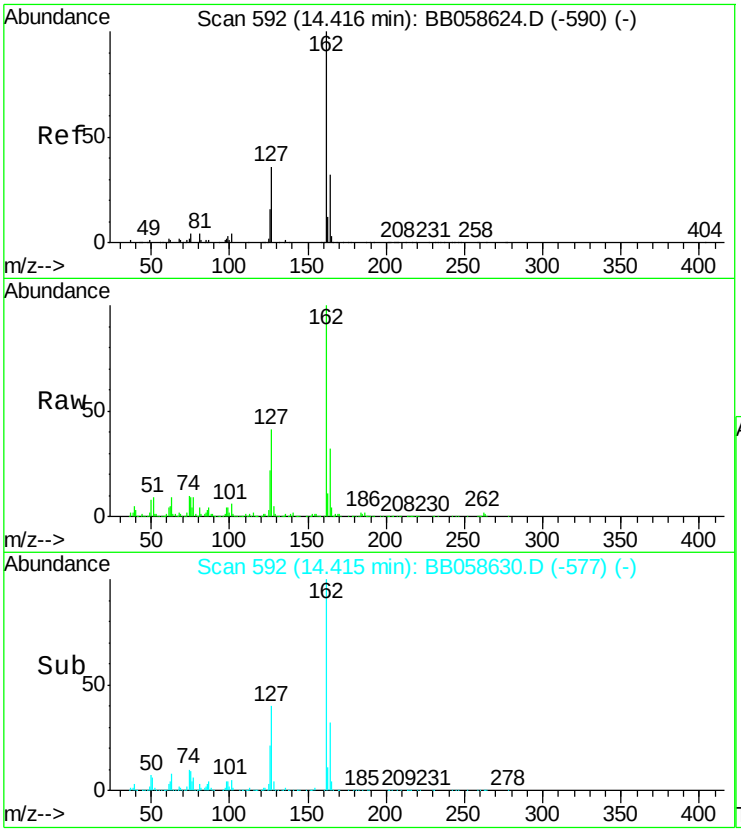


#40
1,1'-Biphenyl
Concen: 2.57 ng/ul
RT: 14.38 min Scan# 590
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:154 Resp: 189819

Ion	Ratio	Lower	Upper
154	100		
153	39.5	31.3	46.9
76	8.4	10.0	15.0#

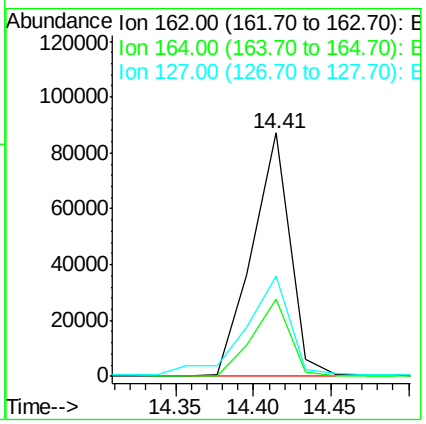




#41
2-Chloronaphthalene
Concen: 2.57 ng/ul
RT: 14.41 min Scan# 592
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:162 Resp: 151066

Ion	Ratio	Lower	Upper
162	100		
164	31.9	26.9	40.3
127	40.9	31.2	46.8



Instrument :
BNA_B
ClientSampleId :
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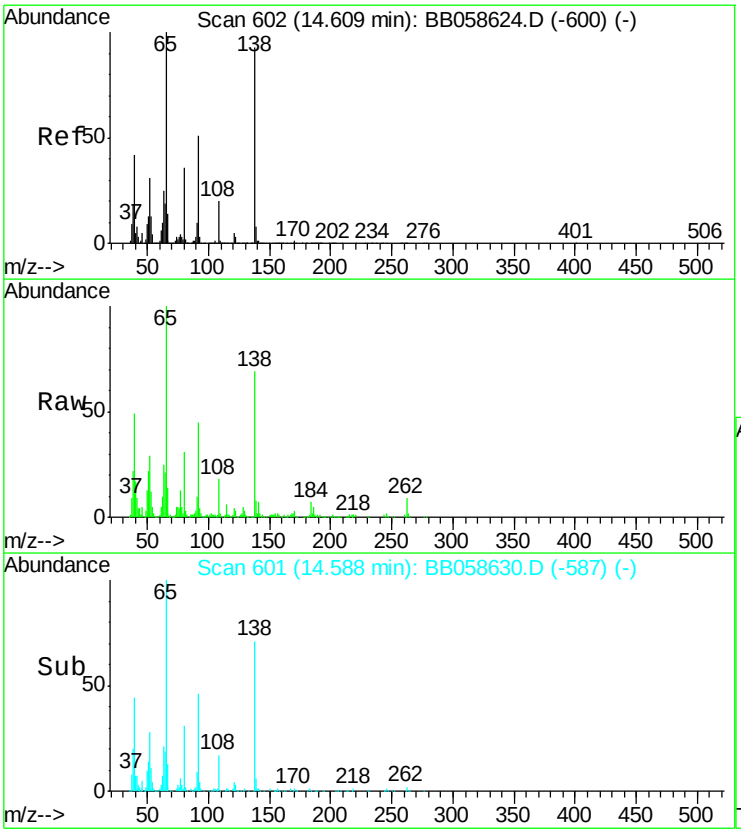
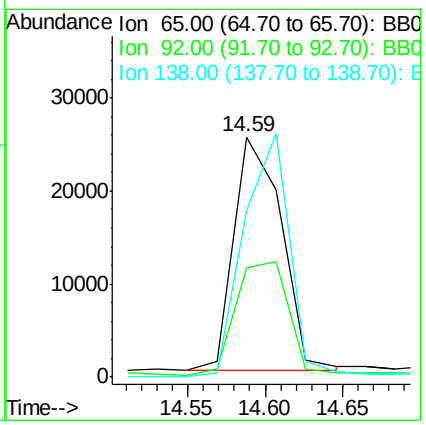
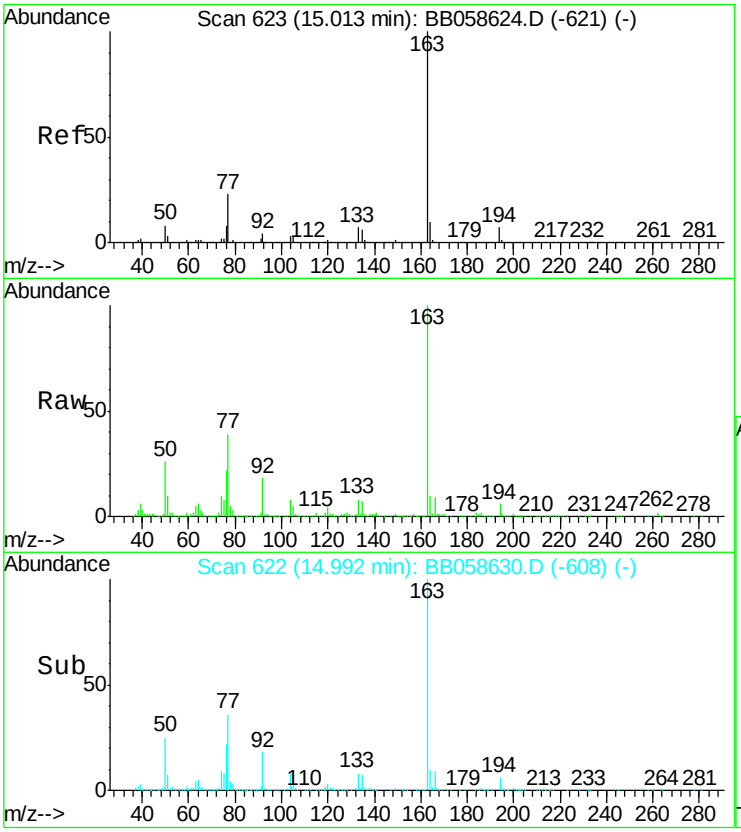


#42
2-Nitroaniline
Concen: 2.41 ng/ul
RT: 14.59 min Scan# 601
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion: 65 Resp: 54515

Ion	Ratio	Lower	Upper
65	100		
92	45.4	55.6	83.4#
138	69.3	81.3	121.9#

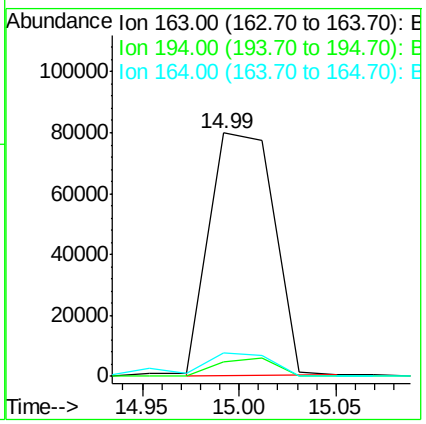




#44
Dimethylphthalate
Concen: 2.49 ng/ul
RT: 14.99 min Scan# 622
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:163 Resp: 182530

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	9.6	7.8	11.8



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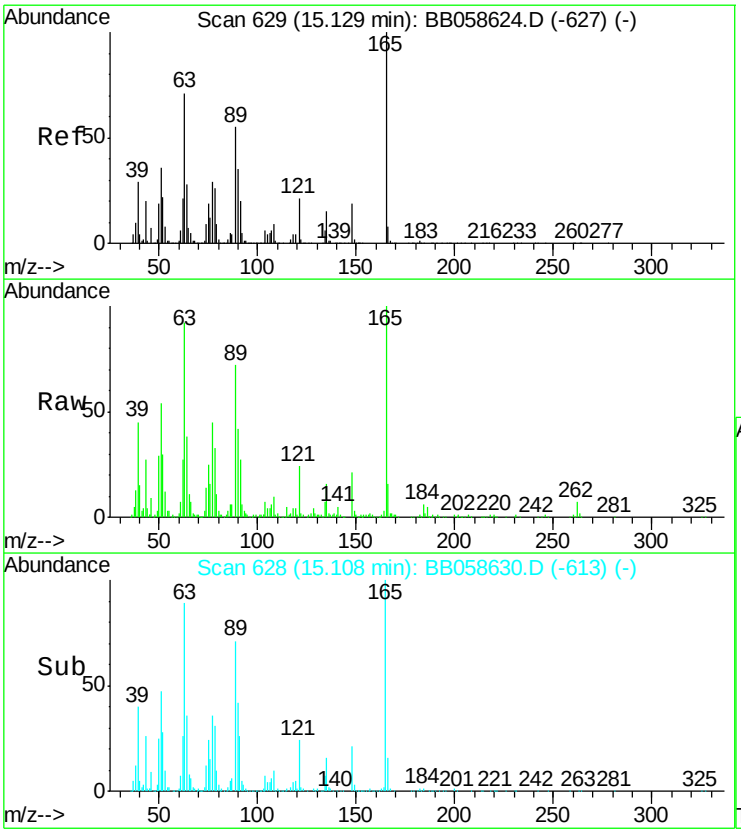
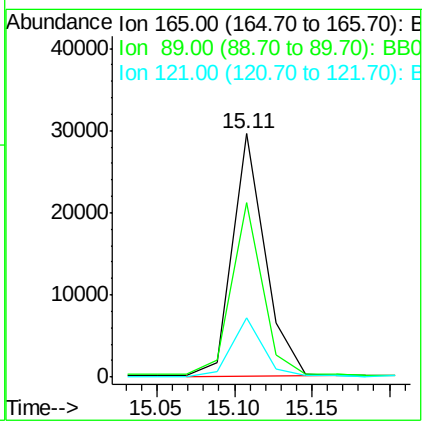
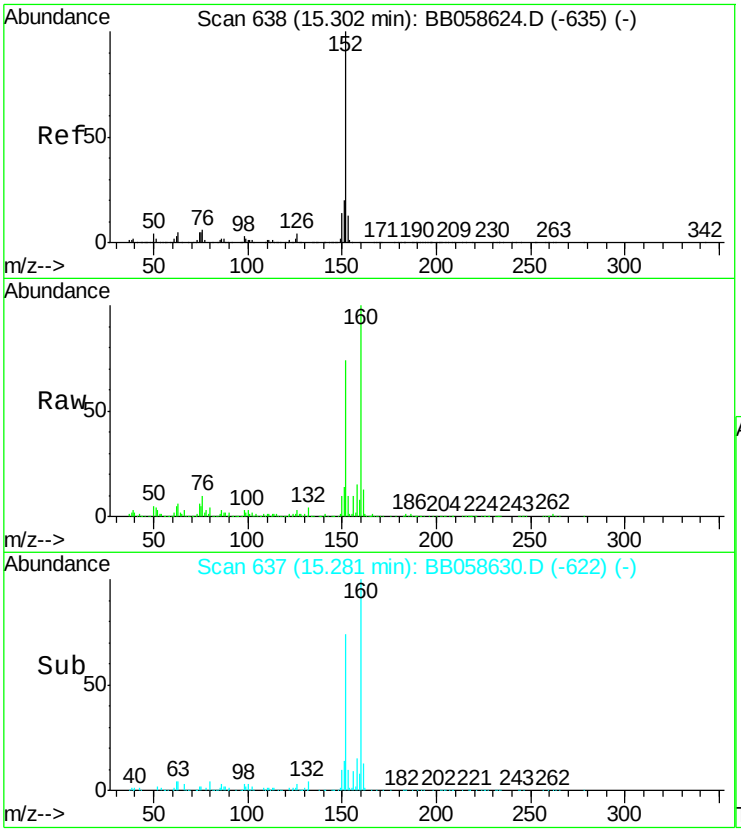


#45
2,6-Dinitrotoluene
Concen: 2.36 ng/ul
RT: 15.11 min Scan# 628
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:165 Resp: 43608

Ion	Ratio	Lower	Upper
165	100		
89	71.6	46.6	69.8#
121	24.3	16.0	24.0#

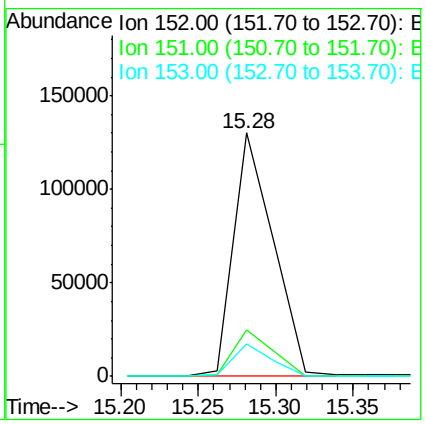




#47
Acenaphthylene
Concen: 2.78 ng/ul
RT: 15.28 min Scan# 637
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:152 Resp: 232762

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	13.5	11.0	16.6



Instrument :
BNA_B
ClientSampleId :
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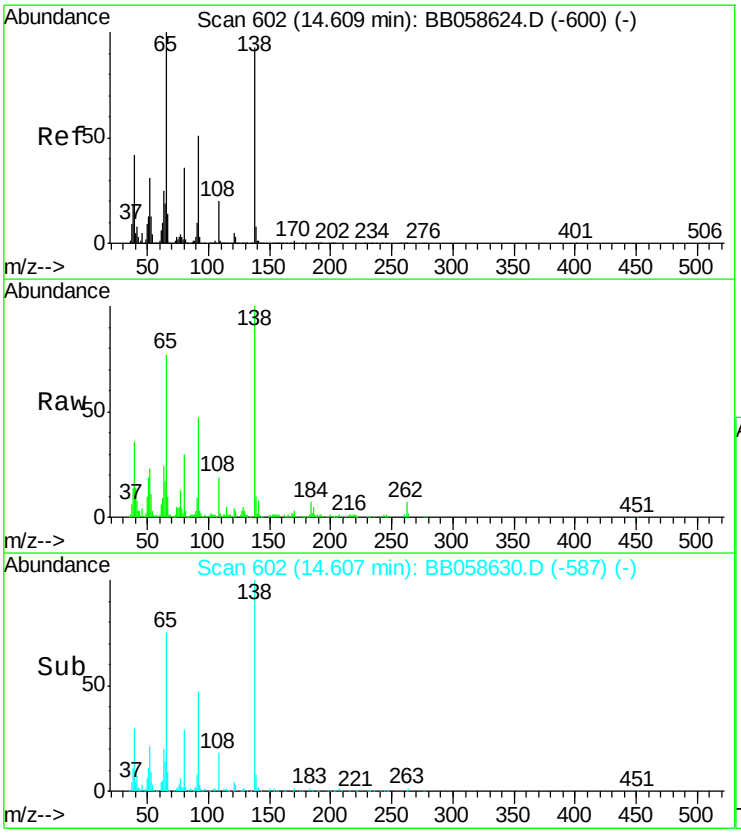
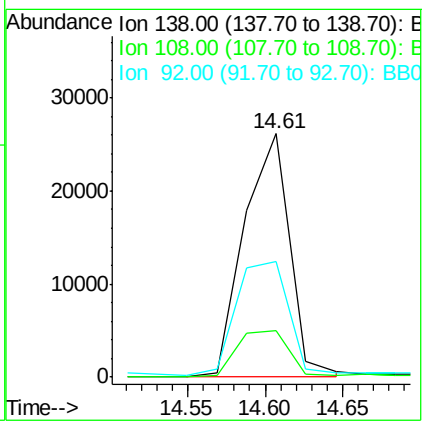
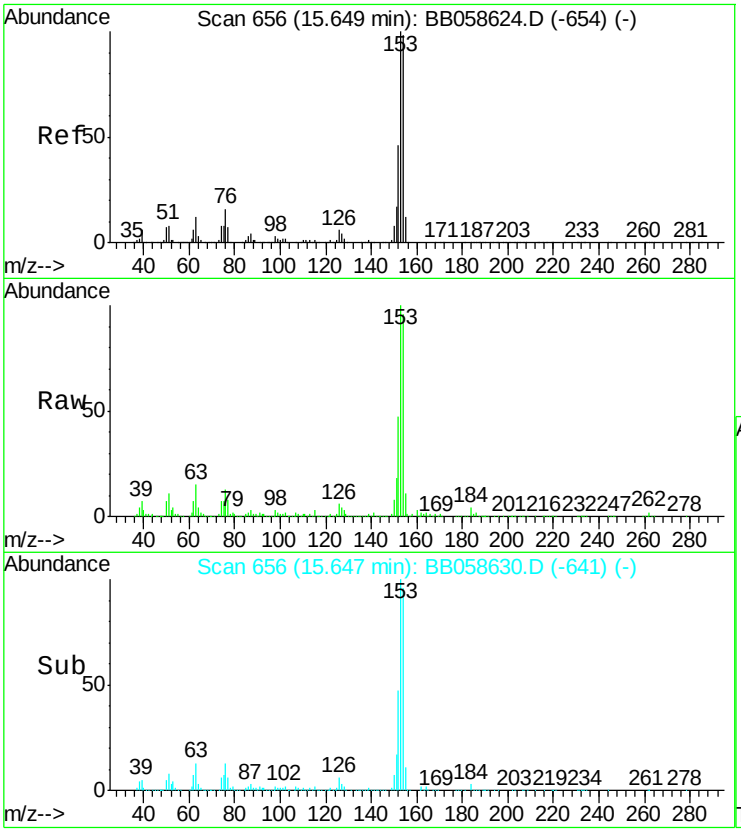


#48
3-Nitroaniline
Concen: 2.21 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:138 Resp: 53512

Ion	Ratio	Lower	Upper
138	100		
108	19.3	9.4	14.0#
92	47.4	96.6	145.0#

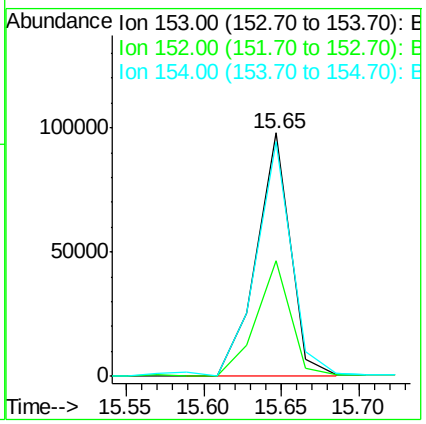




#49
Acenaphthene
Concen: 2.61 ng/ul
RT: 15.65 min Scan# 656
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:153 Resp: 150179

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.6
154	96.1	71.4	107.0



Instrument :
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ClientSampleId :
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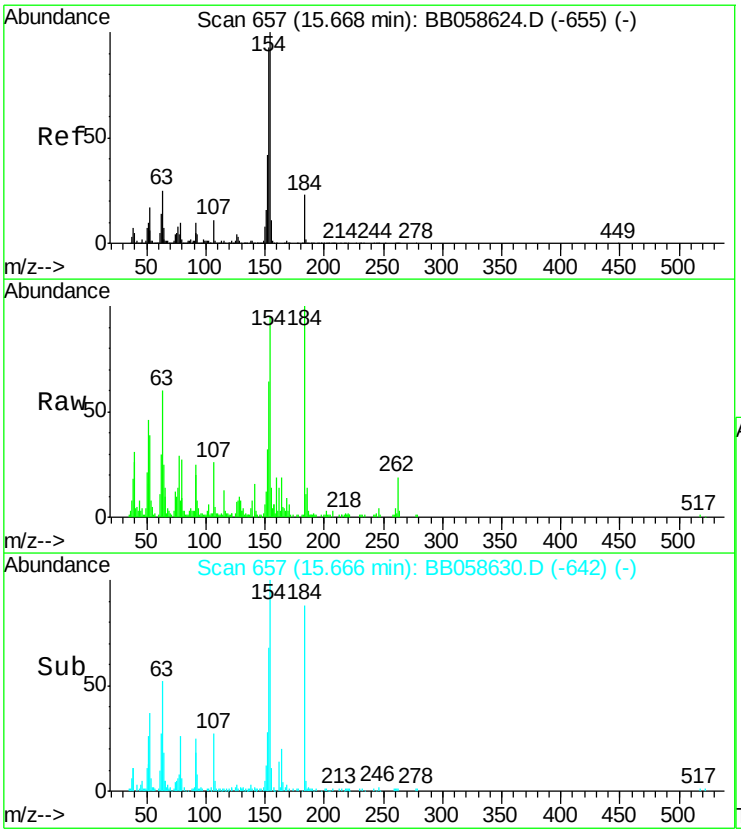
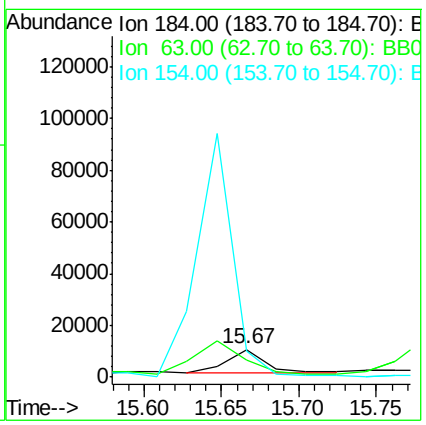
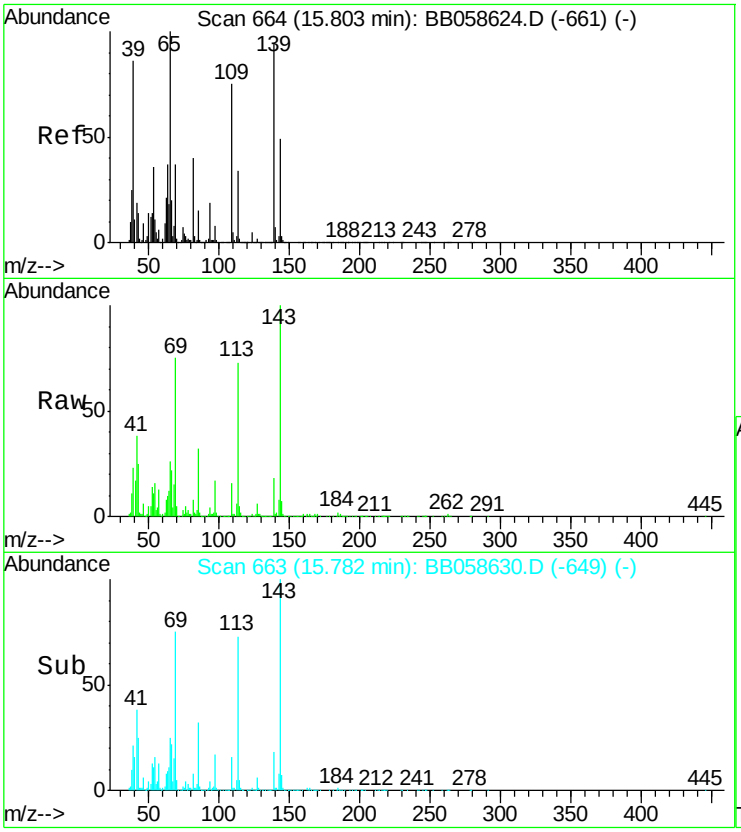


#50
2,4-Dinitrophenol
Concen: 1.26 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:184 Resp: 16666

Ion	Ratio	Lower	Upper
184	100		
63	60.2	43.4	65.0
154	95.5	48.2	72.4#

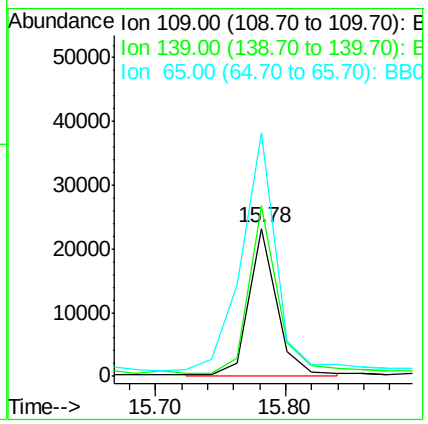




#52
4-Nitrophenol
Concen: 2.58 ng/ul m
RT: 15.78 min Scan# 663
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:109 Resp: 35289

Ion	Ratio	Lower	Upper
109	100		
139	115.7	88.7	133.1
65	164.8	96.4	144.6#



Instrument :
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ClientSampleId :
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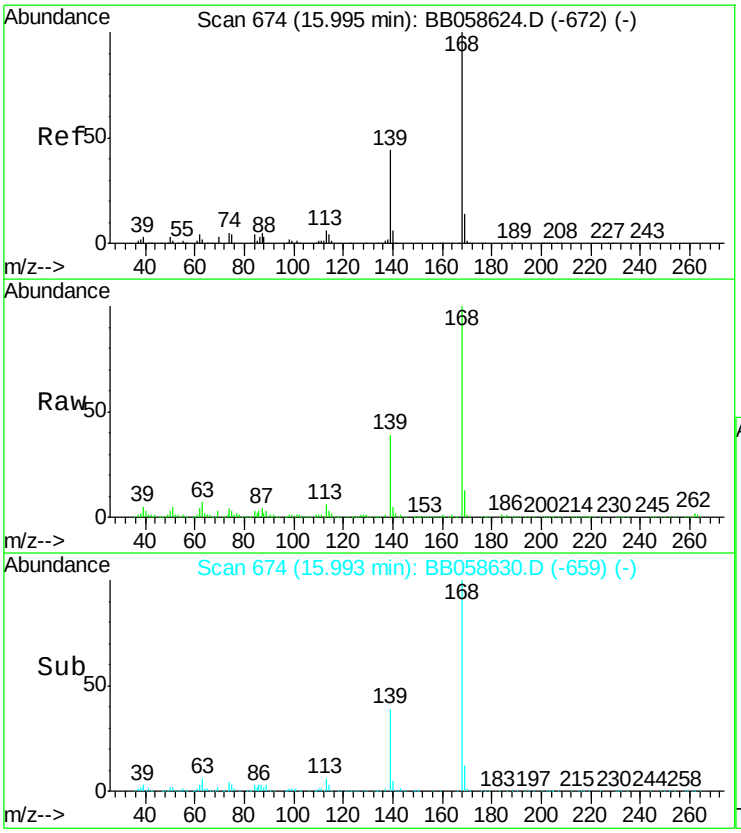
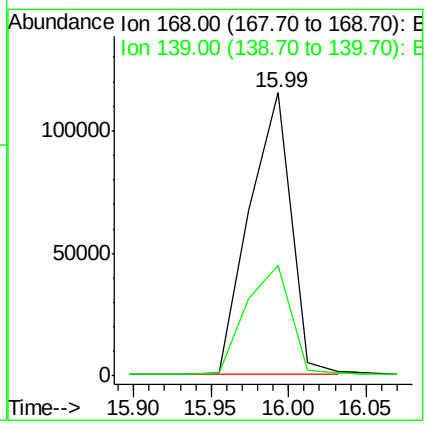
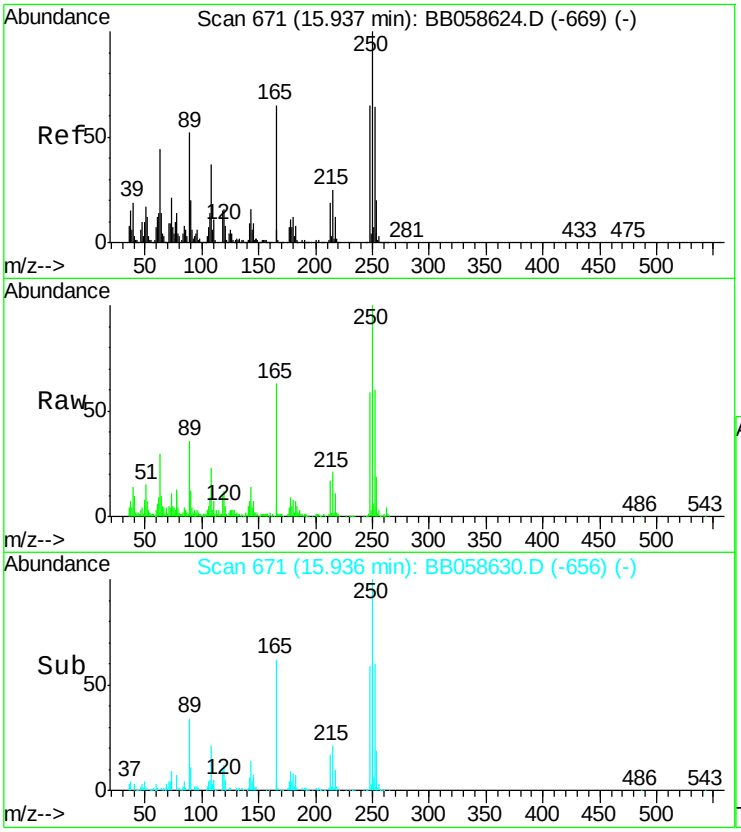


#53
Dibenzofuran
Concen: 2.66 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:168 Resp: 217833

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1

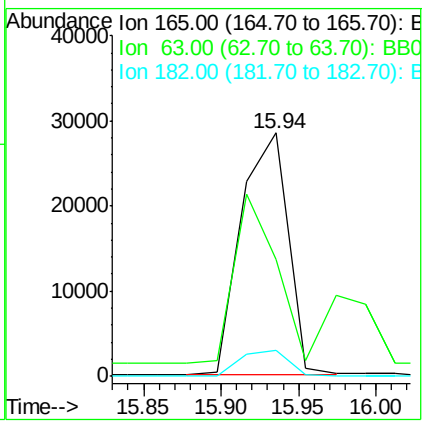




#54
2,4-Dinitrotoluene
Concen: 2.33 ng/ul
RT: 15.94 min Scan# 671
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:165 Resp: 60044

Ion	Ratio	Lower	Upper
165	100		
63	47.8	36.2	54.2
182	10.8	2.2	3.4#



Instrument :
BNA_B
ClientSampleId :
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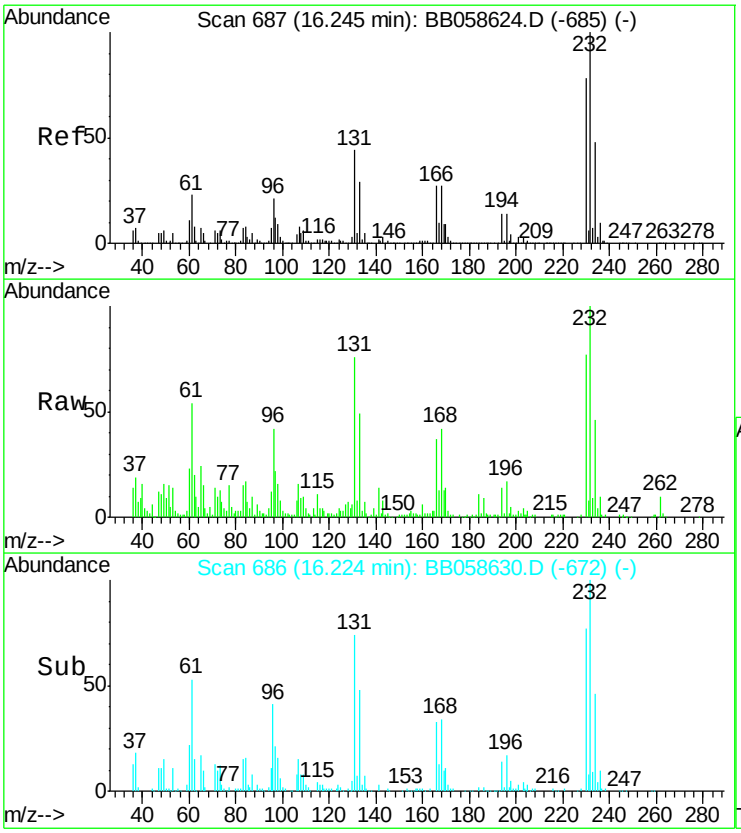
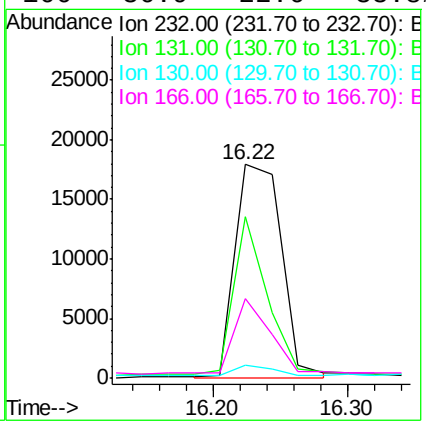
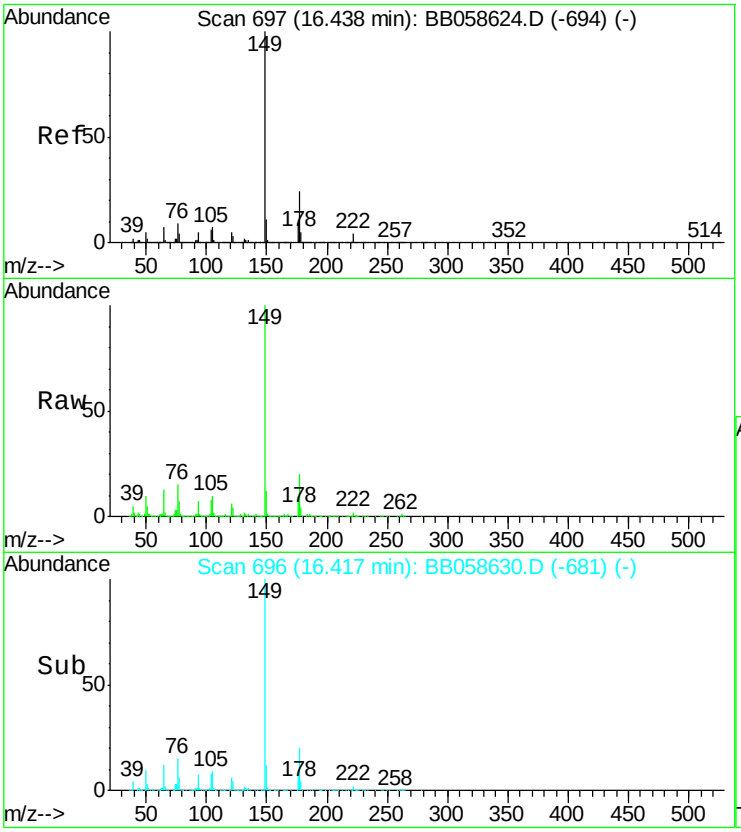


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.22 ng/ul m
RT: 16.22 min Scan# 686
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:232 Resp: 42390

Ion	Ratio	Lower	Upper
232	100		
131	75.5	31.4	47.0#
130	5.8	1.6	2.4#
166	36.9	22.6	33.8#

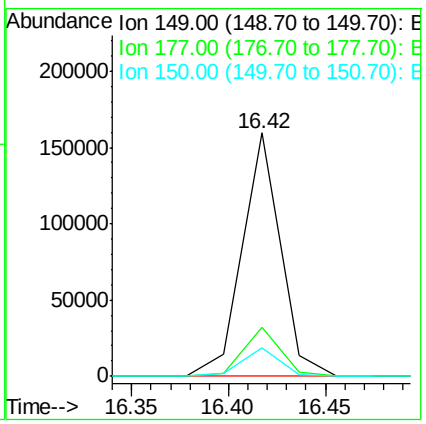




#56
Diethylphthalate
Concen: 2.85 ng/ul
RT: 16.42 min Scan# 696
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:149 Resp: 216417

Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.6	28.0
150	11.7	10.0	15.0



Instrument :
BNA_B
ClientSampleId :
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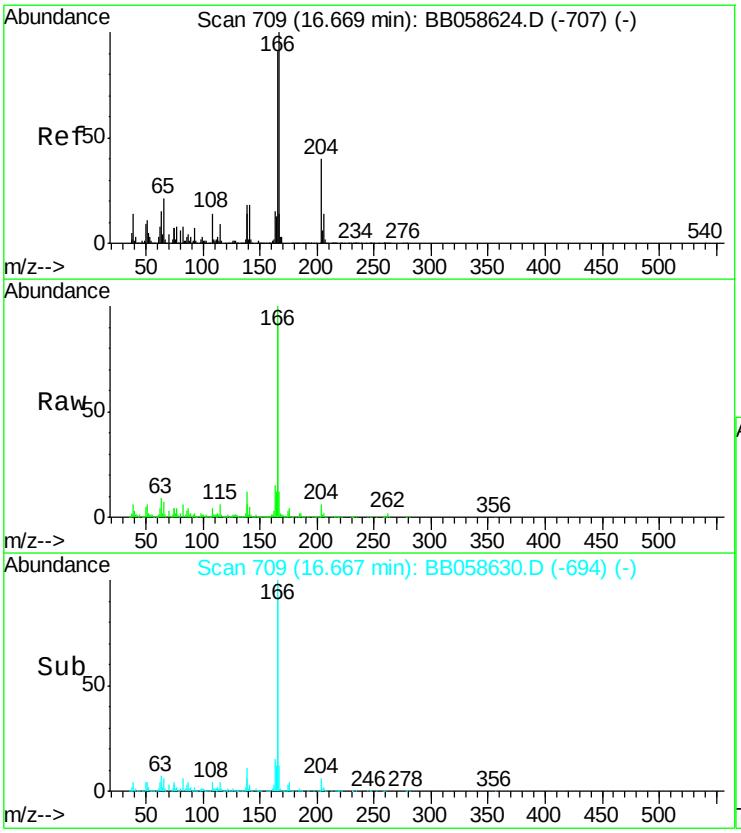
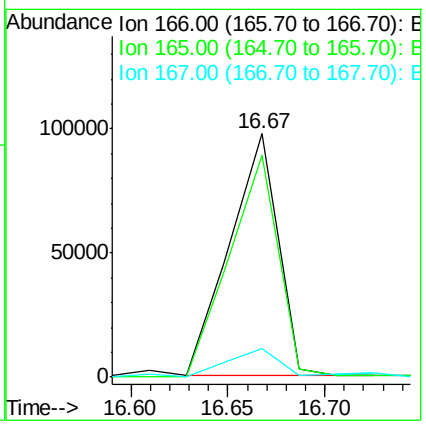
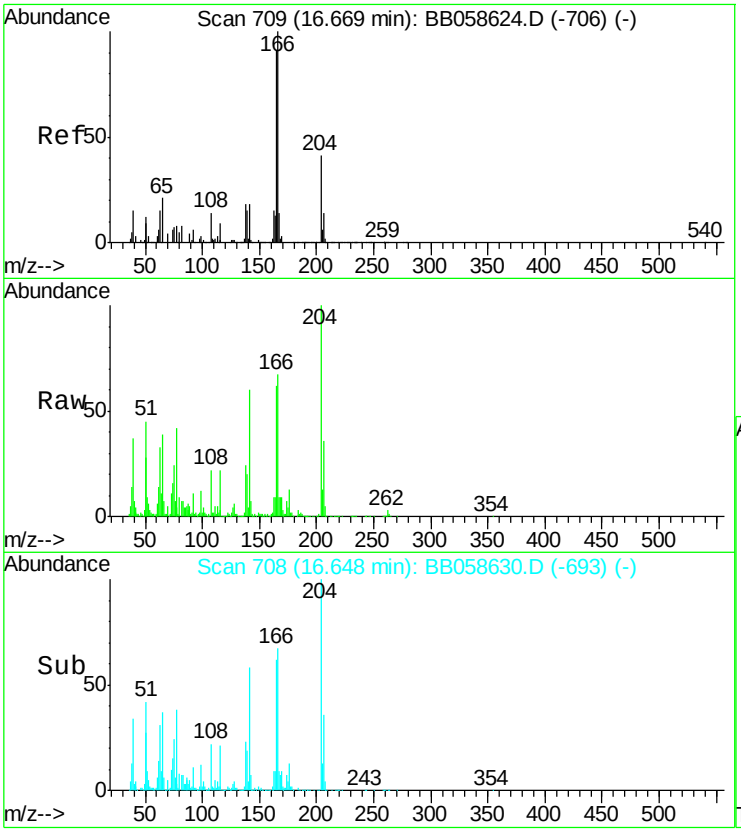


#58
Fluorene
Concen: 2.52 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:166 Resp: 167831

Ion	Ratio	Lower	Upper
166	100		
165	91.1	79.9	119.9
167	11.9	10.5	15.7

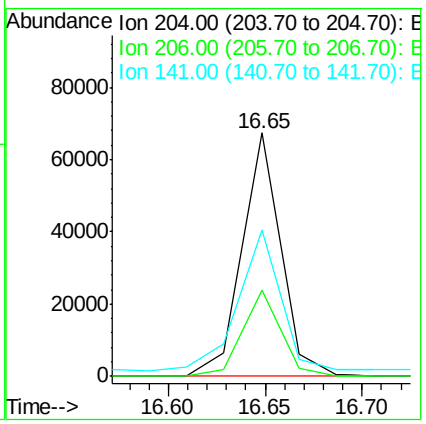




#59
4-Chlorophenyl-phenylether
Concen: 2.59 ng/ul
RT: 16.65 min Scan# 708
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:204 Resp: 92742

Ion	Ratio	Lower	Upper
204	100		
206	35.6	25.9	38.9
141	60.0	46.1	69.1



Instrument :
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ClientSampleId :
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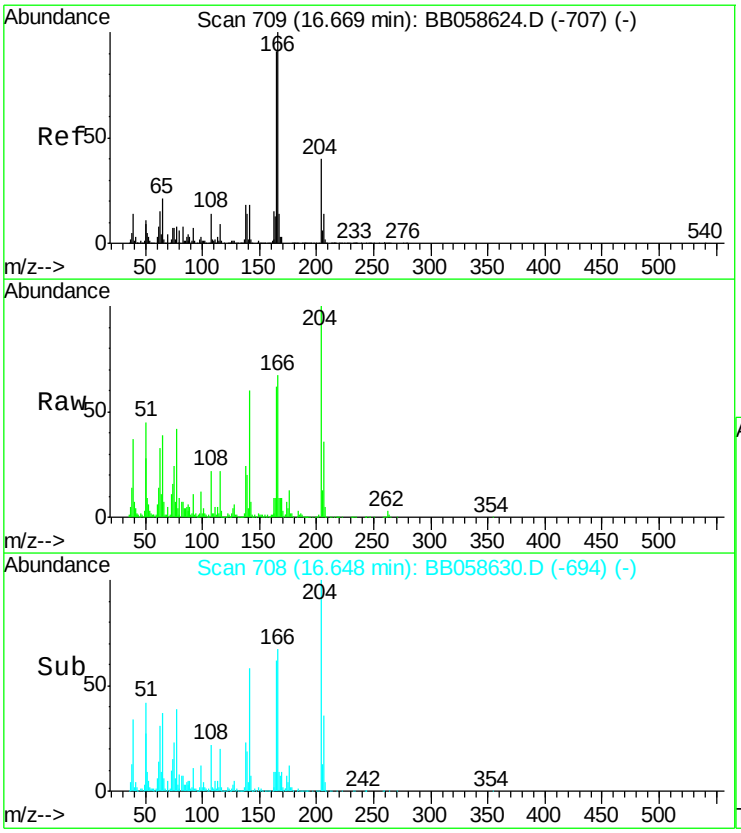
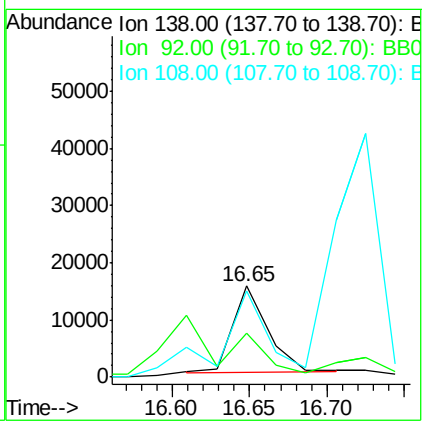
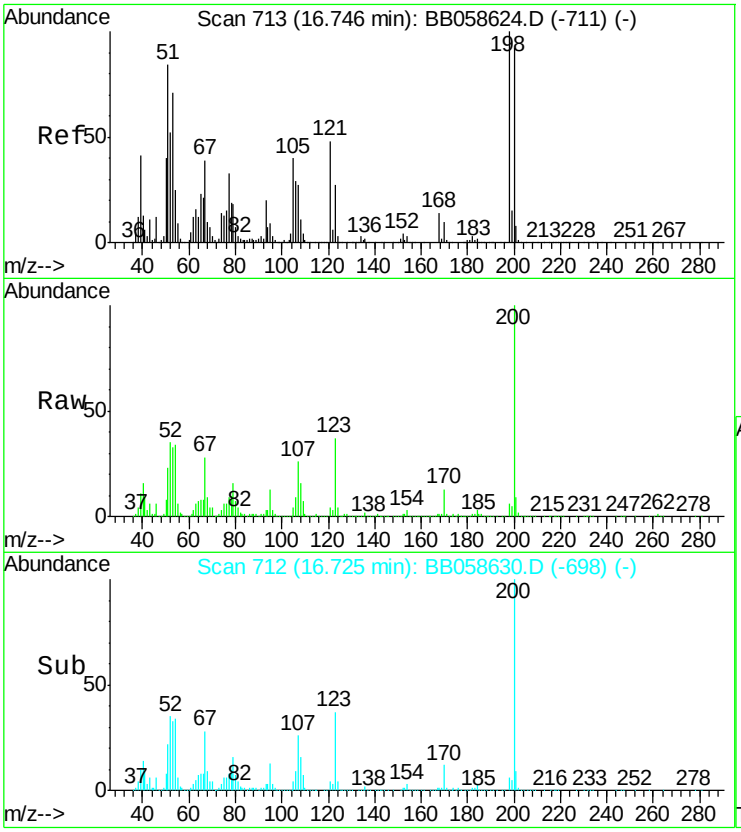


#60
4-Nitroaniline
Concen: 1.29 ng/ul
RT: 16.65 min Scan# 708
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:138 Resp: 24635

Ion	Ratio	Lower	Upper
138	100		
92	48.3	43.5	65.3
108	95.1	80.3	120.5





#63
4,6-Dinitro-2-methylphenol
Concen: 1.99 ng/ul
RT: 16.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:198 Resp: 36763

Ion	Ratio	Lower	Upper
198	100		
182	19.0	3.3	4.9#
77	140.1	21.8	32.6#

Instrument :
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ClientSampleId :
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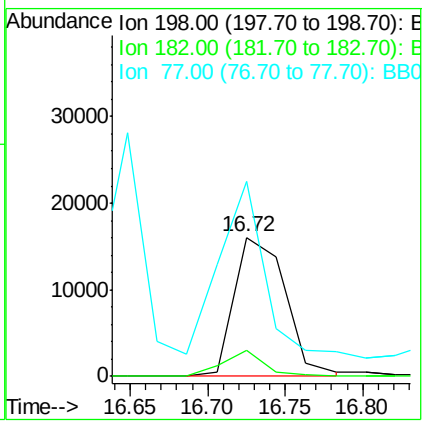
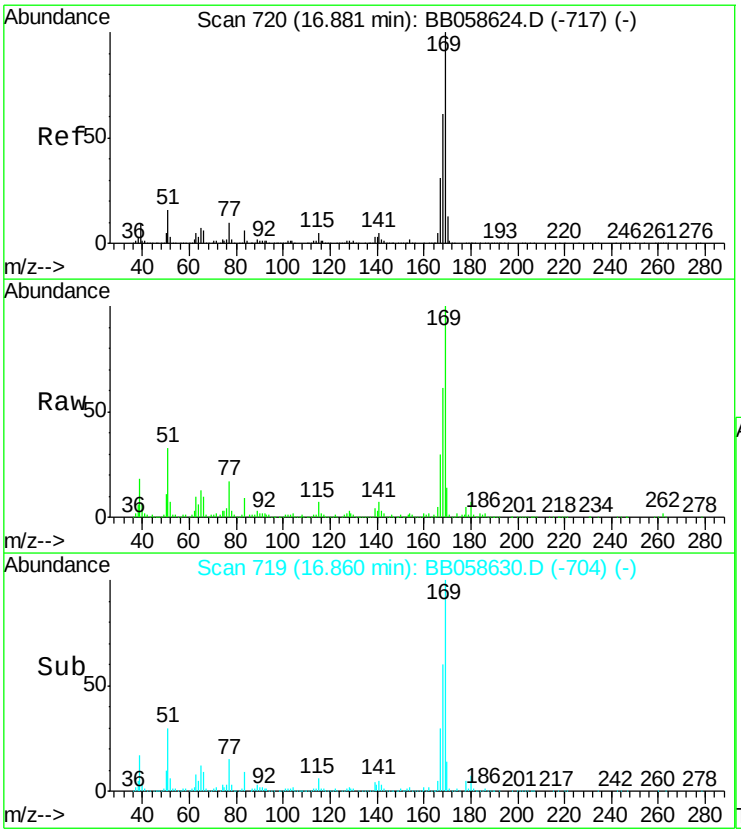
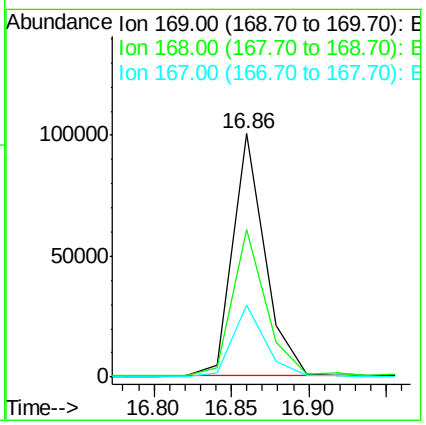


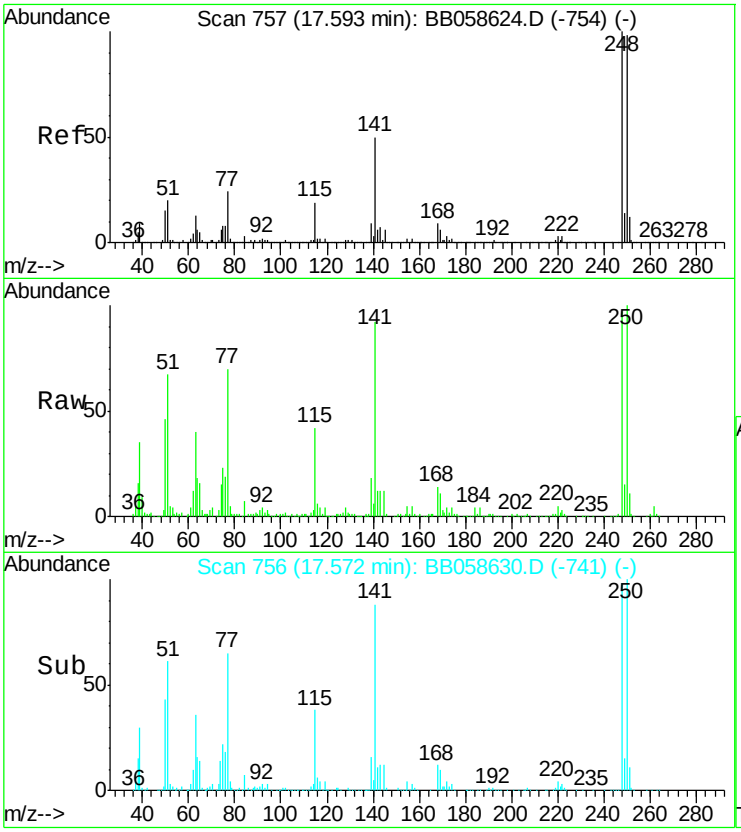


#64
N-Nitrosodiphenylamine
Concen: 2.59 ng/ul
RT: 16.86 min Scan# 719
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:169 Resp: 146006

Ion	Ratio	Lower	Upper
169	100		
168	60.7	52.6	79.0
167	29.6	28.6	43.0

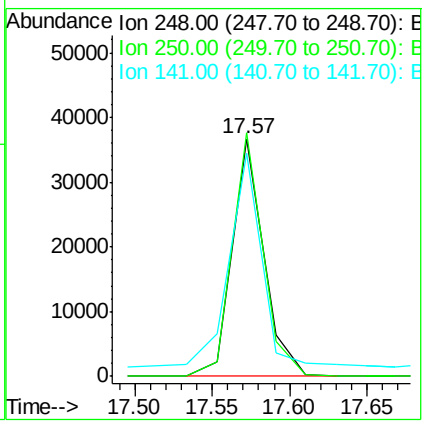




#65
4-Bromophenyl-phenylether
Concen: 2.36 ng/ul
RT: 17.57 min Scan# 756
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:248 Resp: 52724

Ion	Ratio	Lower	Upper
248	100		
250	102.6	79.7	119.5
141	93.9	58.3	87.5#



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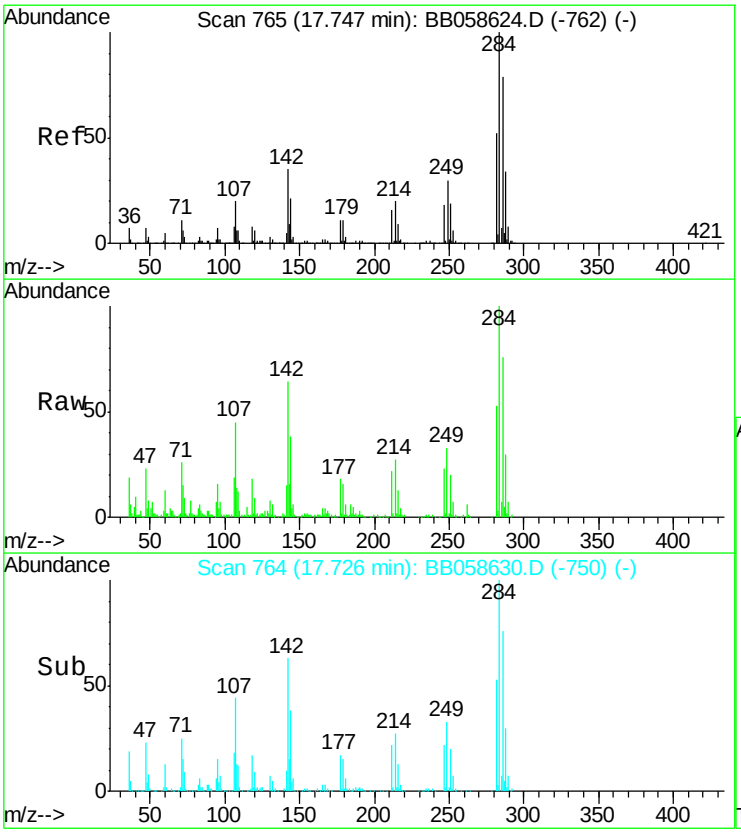
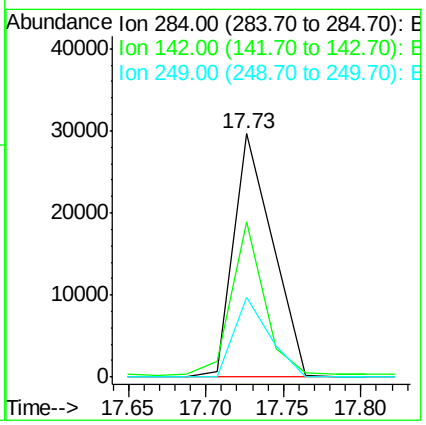
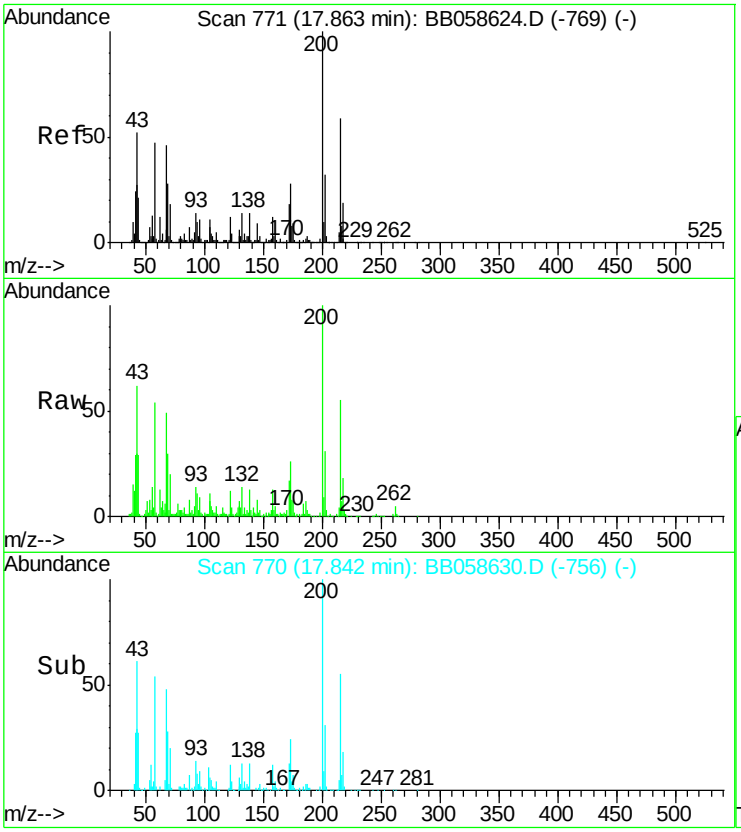


#66
Hexachlorobenzene
Concen: 2.34 ng/ul
RT: 17.73 min Scan# 764
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:284 Resp: 52474

Ion	Ratio	Lower	Upper
284	100		
142	63.7	24.9	37.3#
249	32.9	25.5	38.3

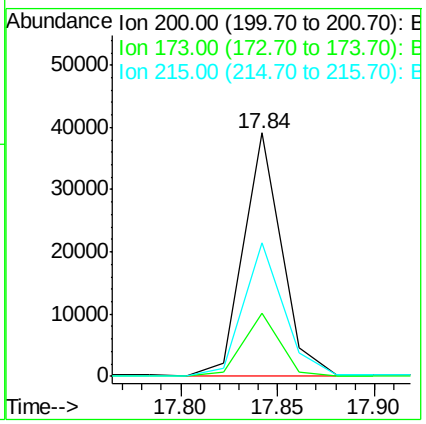




#67
Atrazine
Concen: 2.46 ng/ul
RT: 17.84 min Scan# 770
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:200 Resp: 52670

Ion	Ratio	Lower	Upper
200	100		
173	25.7	18.9	28.3
215	54.9	39.5	59.3



Instrument :
BNA_B
ClientSampleId :
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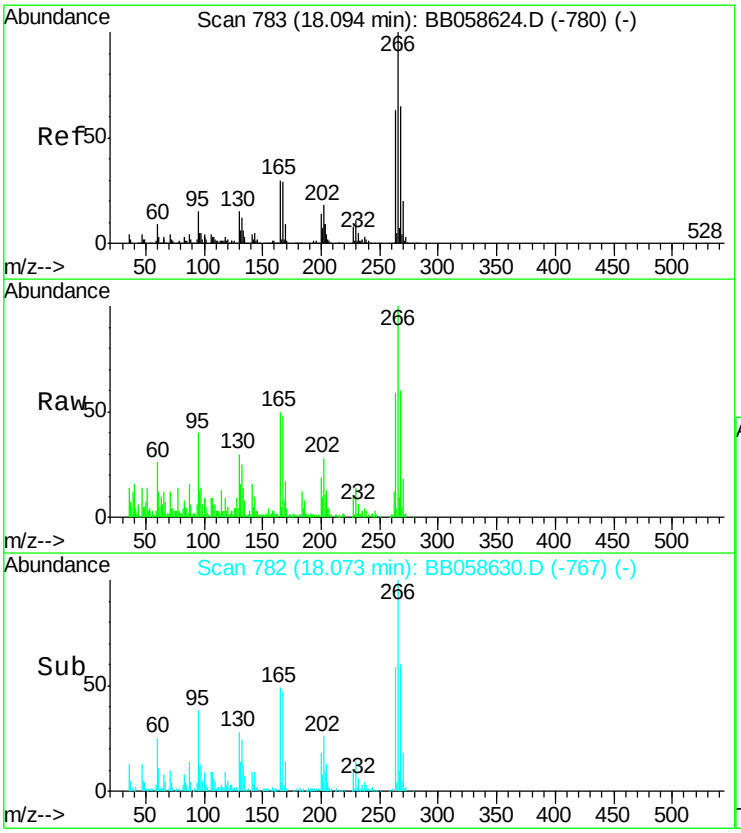
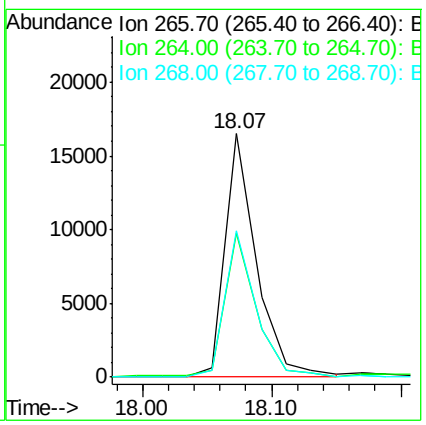
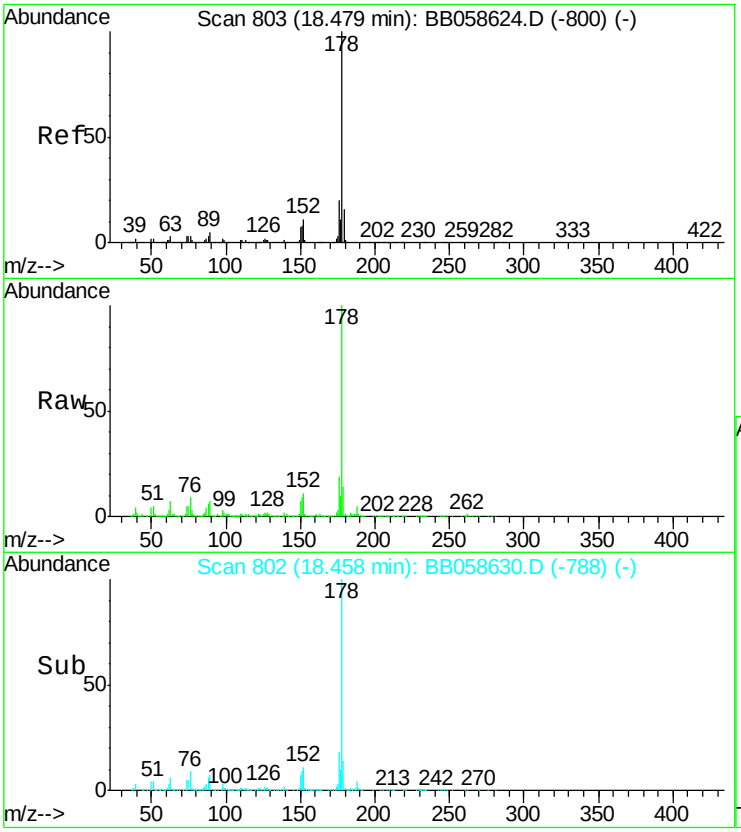


#68
Pentachlorophenol
Concen: 1.76 ng/ul
RT: 18.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:266 Resp: 27905

Ion	Ratio	Lower	Upper
266	100		
264	58.8	50.6	75.8
268	60.3	51.0	76.6

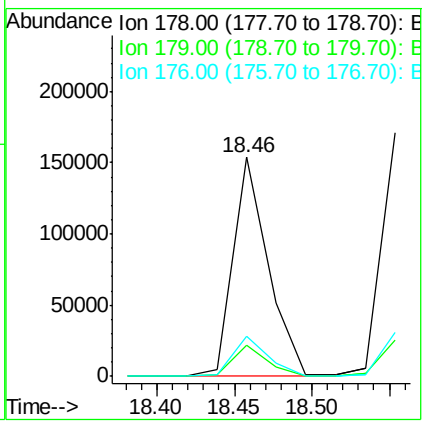




#69
Phenanthrene
Concen: 2.80 ng/ul
RT: 18.46 min Scan# 802
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:178 Resp: 242992

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.2	18.2
176	18.5	15.1	22.7



Instrument :
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ClientSampleId :
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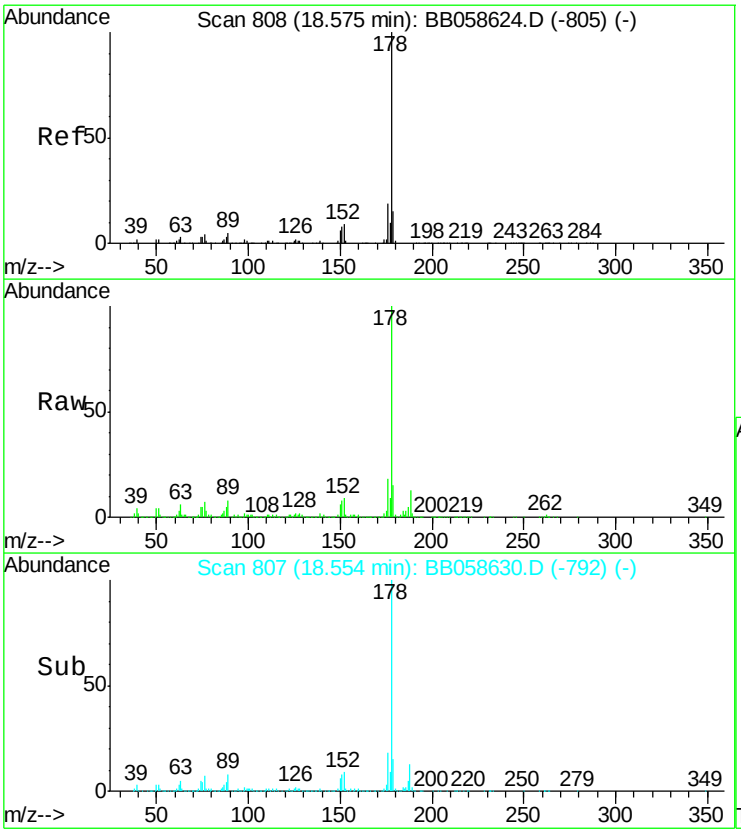
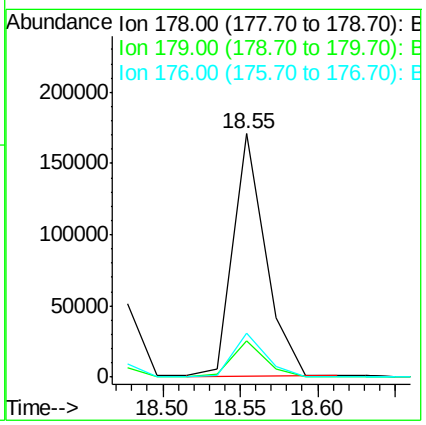
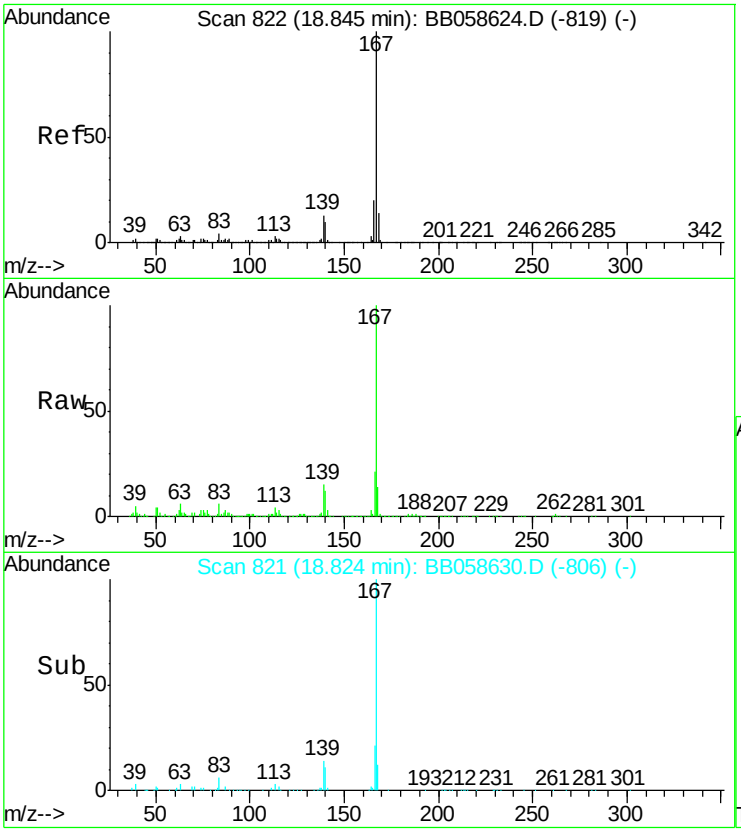


#71
Anthracene
Concen: 2.83 ng/ul
RT: 18.55 min Scan# 807
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:178 Resp: 251397

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.1	18.1
176	18.2	14.5	21.7

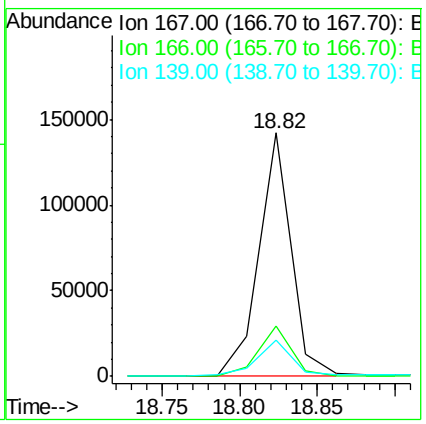




#72
Carbazole
Concen: 2.80 ng/ul
RT: 18.82 min Scan# 821
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:167 Resp: 207586

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	15.0	10.2	15.4



Instrument :
BNA_B
ClientSampleId :
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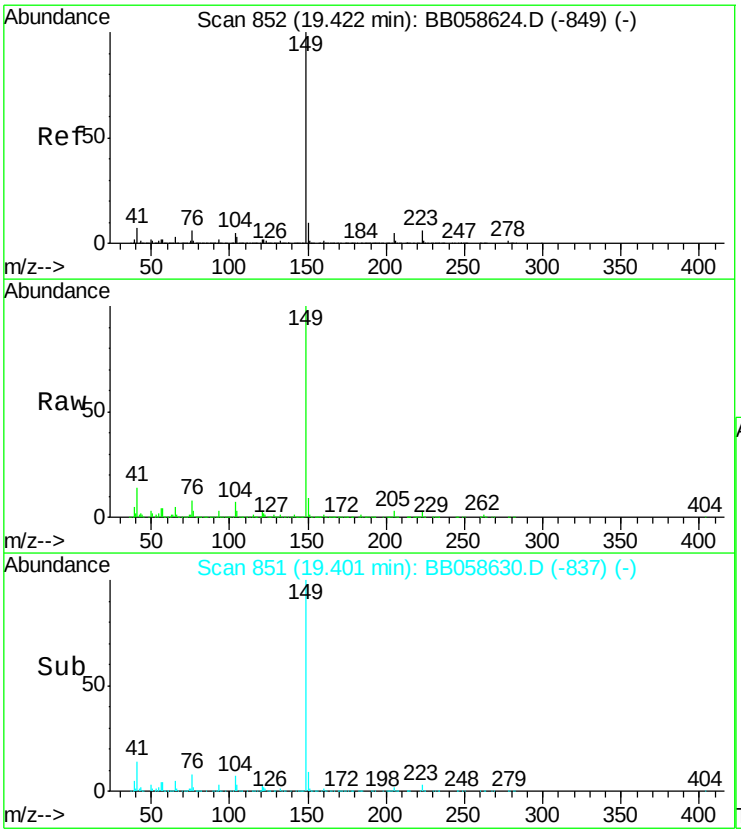
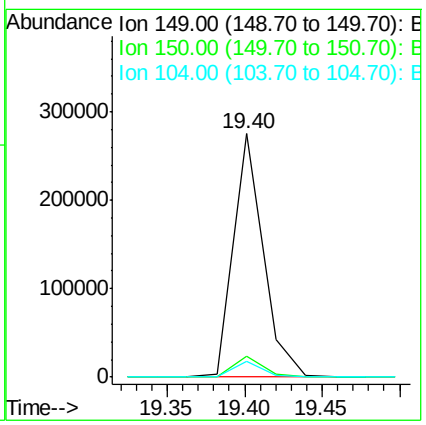
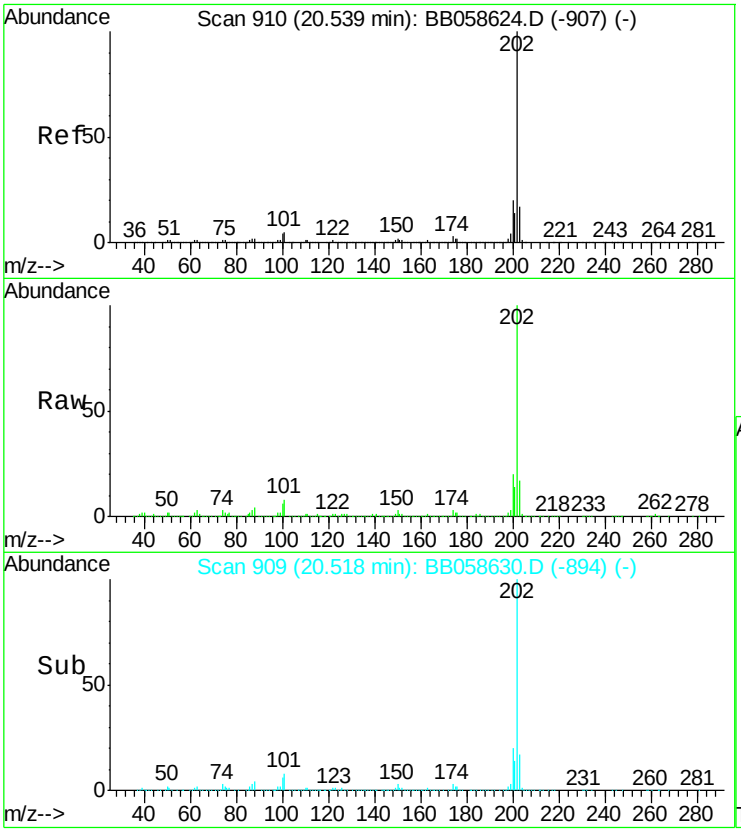


#73
Di-n-butylphthalate
Concen: 3.08 ng/ul
RT: 19.40 min Scan# 851
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:149 Resp: 373029

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.6	11.4
104	6.6	4.6	7.0

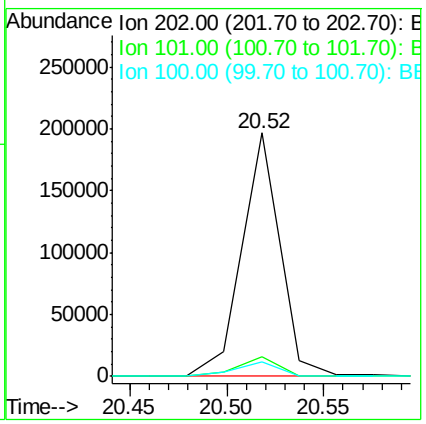




#74
Fluoranthene
Concen: 3.01 ng/ul
RT: 20.52 min Scan# 909
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:202 Resp: 266244

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	5.7	5.4	8.0



Instrument :
BNA_B
ClientSampleId :
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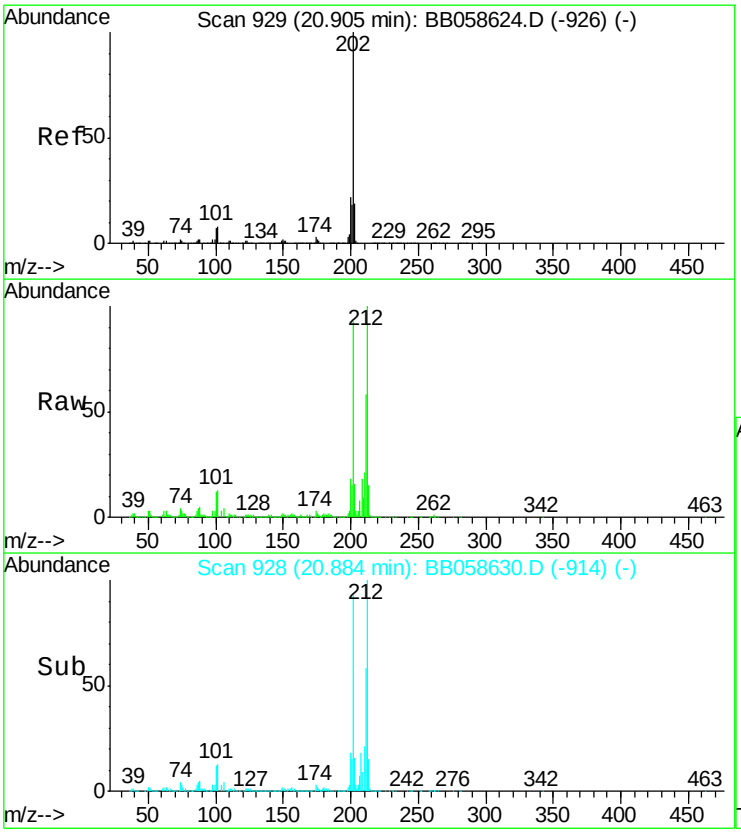
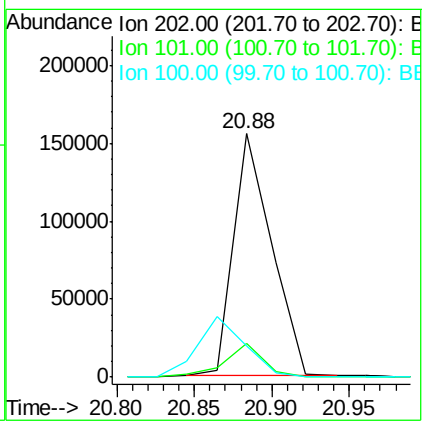
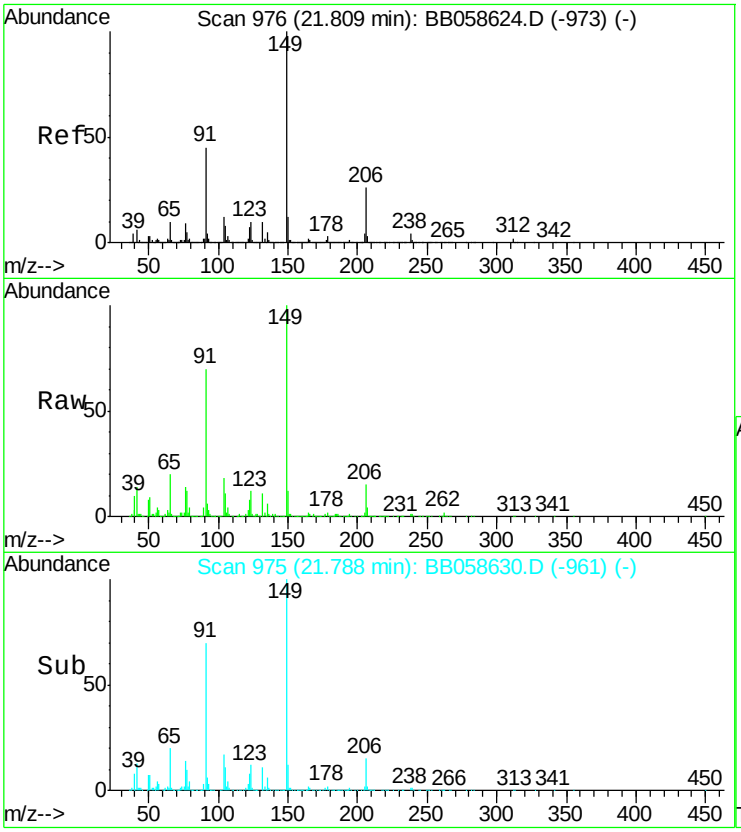


#77
Pyrene
Concen: 2.75 ng/ul
RT: 20.88 min Scan# 928
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:202 Resp: 268410

Ion	Ratio	Lower	Upper
202	100		
101	13.9	8.4	12.6#
100	12.8	6.9	10.3#

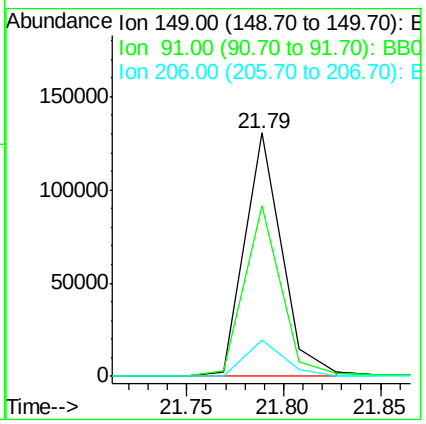




#78
Butylbenzylphthalate
Concen: 2.72 ng/ul
RT: 21.79 min Scan# 975
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:149 Resp: 171939

Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.3	85.9
206	15.0	18.6	27.8#



Instrument :
BNA_B
ClientSampleId :
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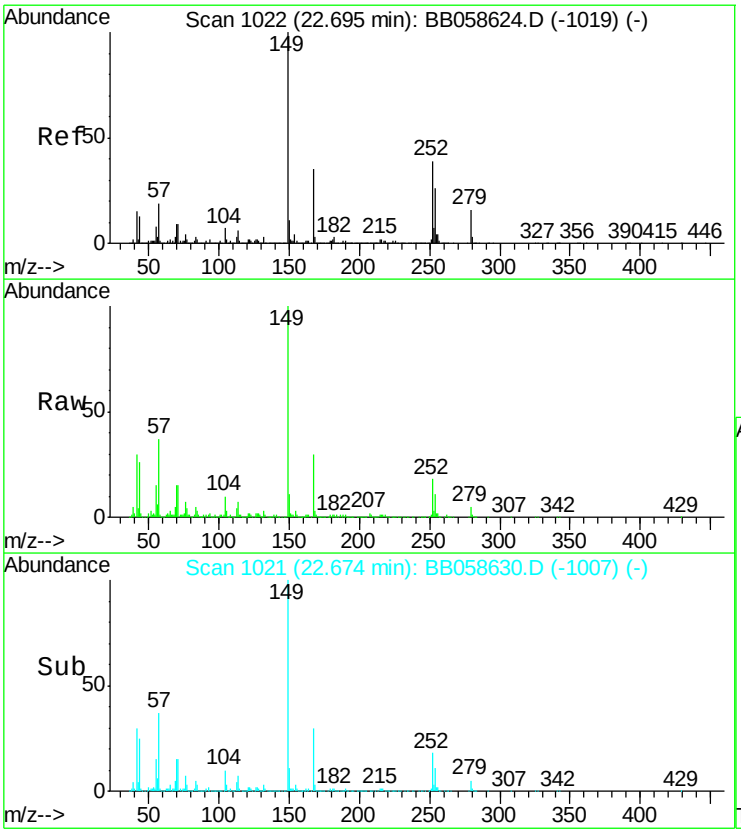
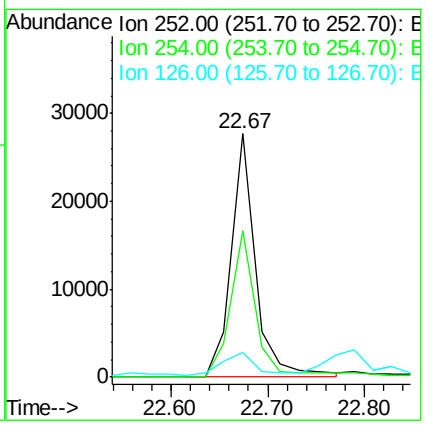
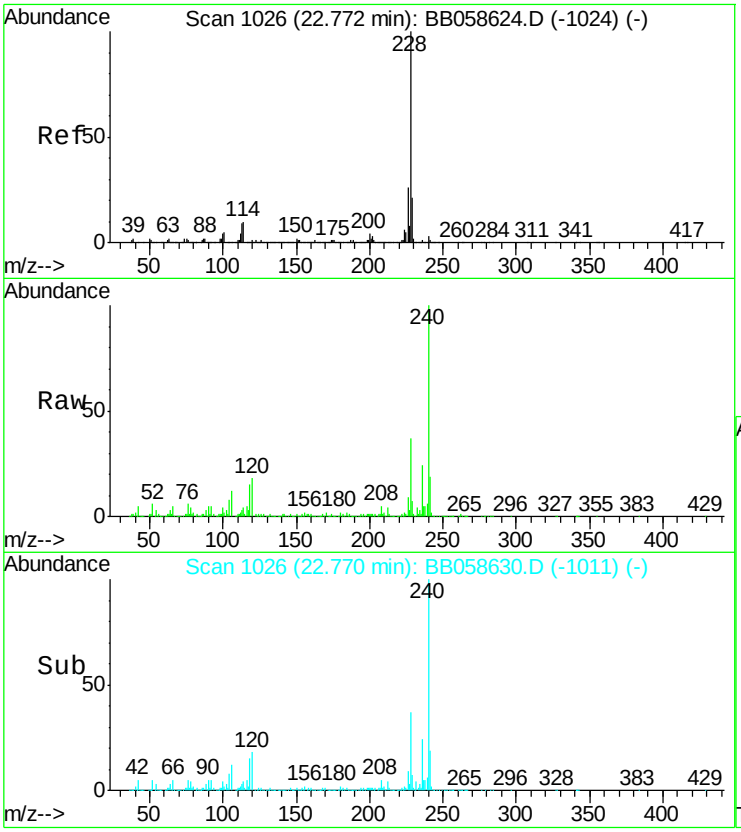


#79
3,3'-Dichlorobenzidine
Concen: 1.44 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:252 Resp: 47387

Ion	Ratio	Lower	Upper
252	100		
254	60.2	51.0	76.4
126	10.2	7.1	10.7

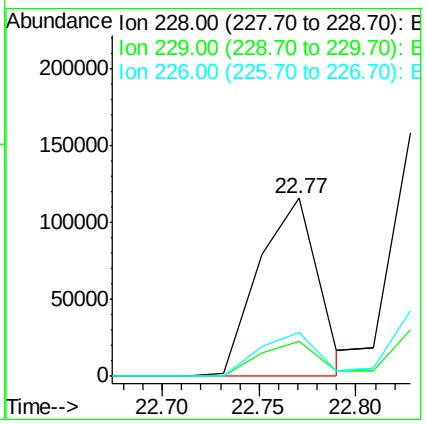




#80
Benzo(a)anthracene
Concen: 2.59 ng/ul
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:228 Resp: 245759

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	24.7	21.8	32.8



Instrument :
BNA_B
ClientSampleId :
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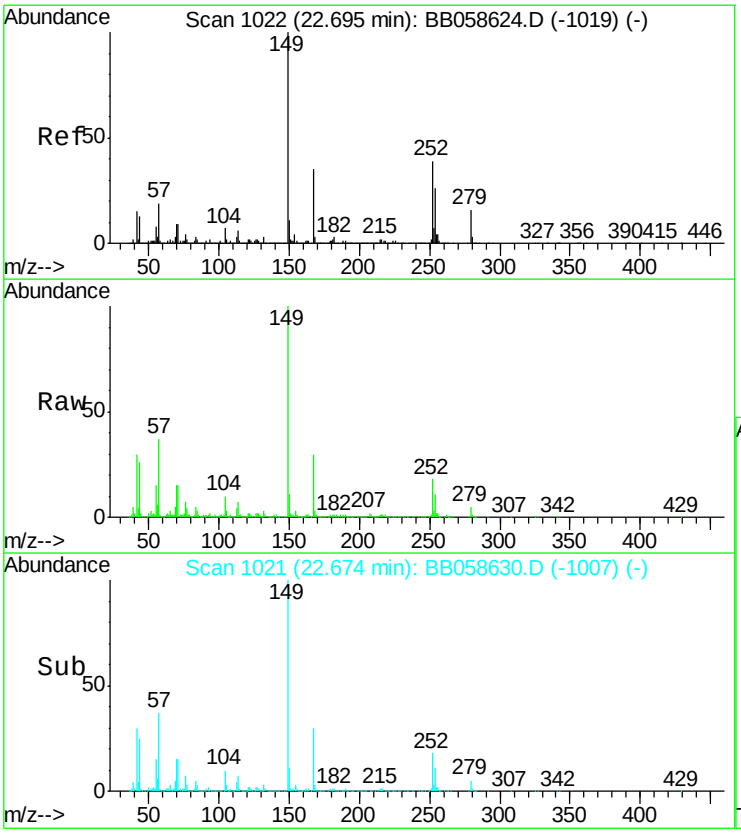
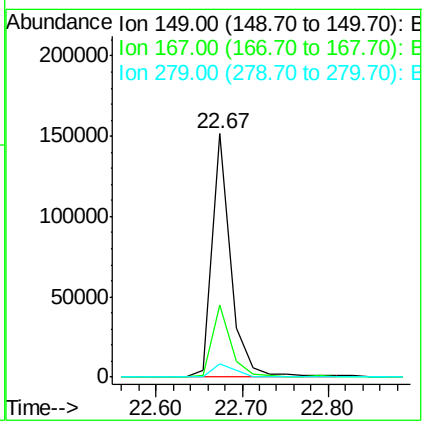
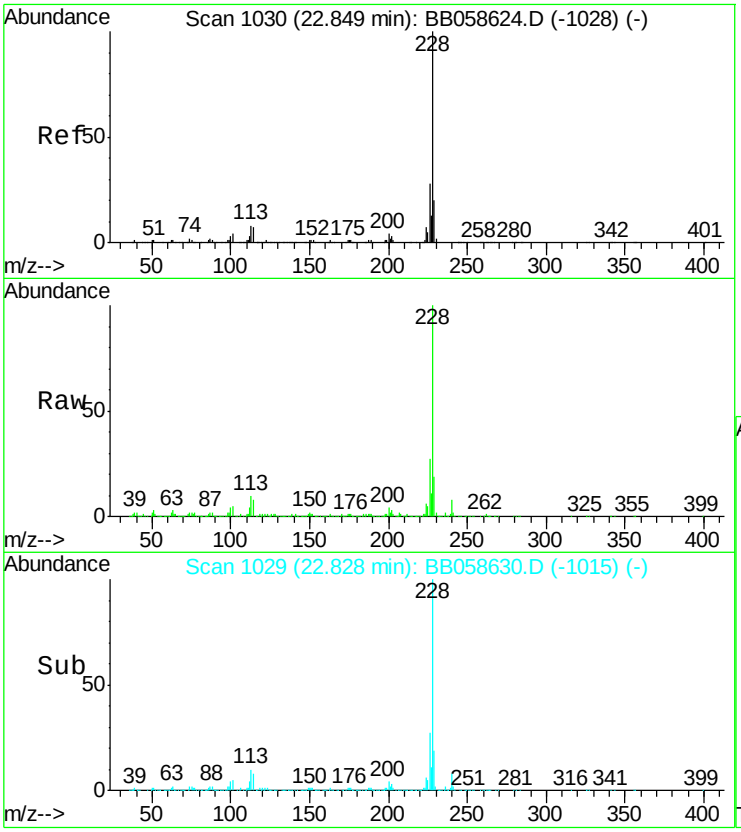


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.71 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:149 Resp: 227587

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.2	34.8
279	5.4	4.1	6.1

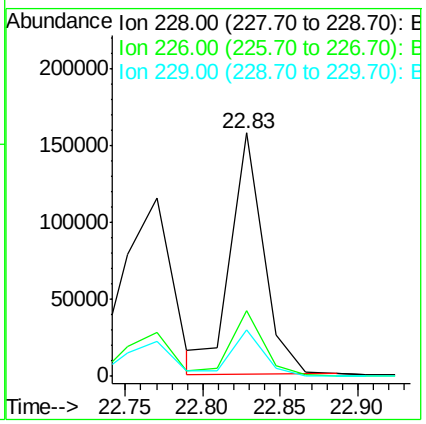




#82
Chrysene
Concen: 2.62 ng/ul
RT: 22.83 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:228 Resp: 233226

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.2
229	19.3	15.5	23.3



Instrument :
BNA_B
ClientSampleId :
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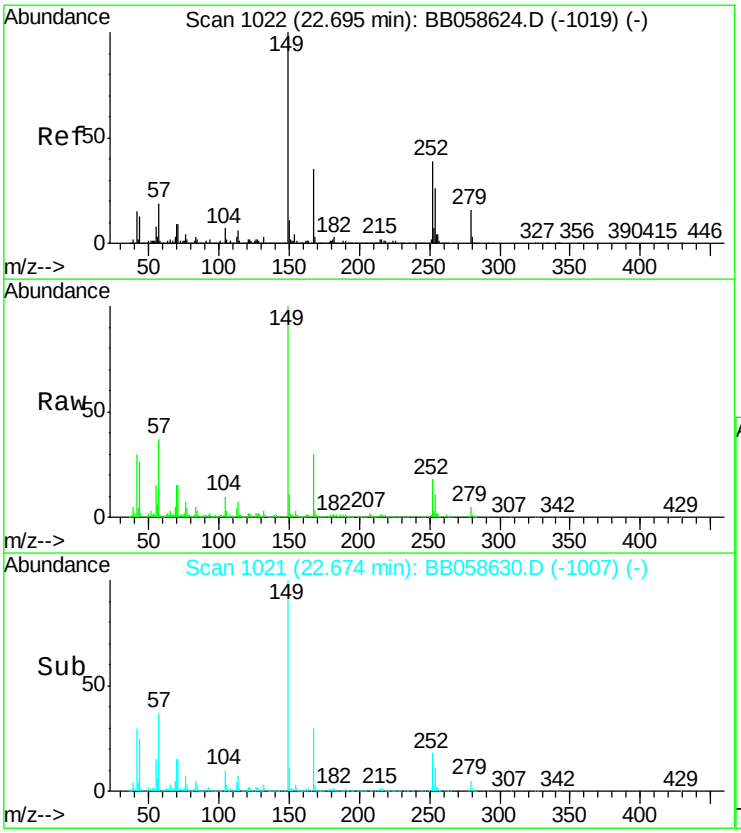
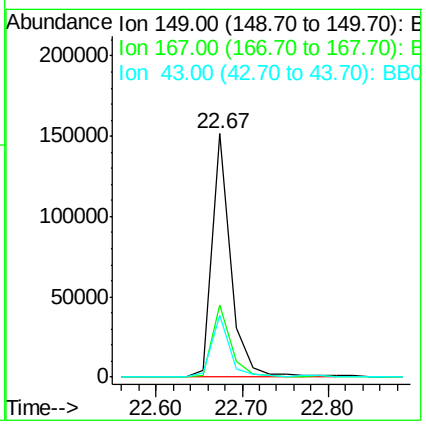
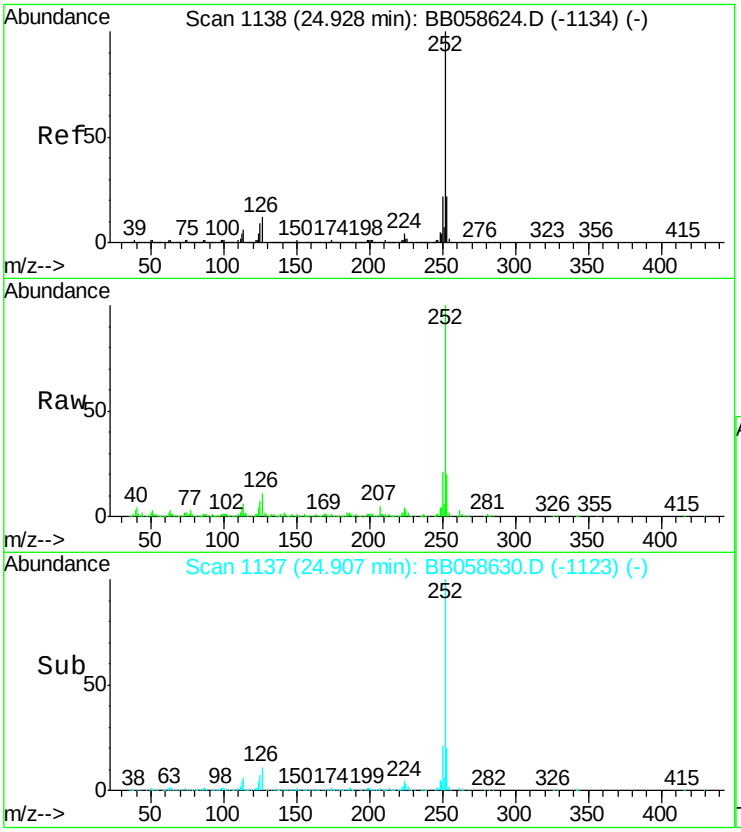


#84
Di-n-octyl phthalate
Concen: 3.21 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:149 Resp: 227587

Ion	Ratio	Lower	Upper
149	100		
167	29.9	1.3	1.9#
43	25.7	6.6	10.0#

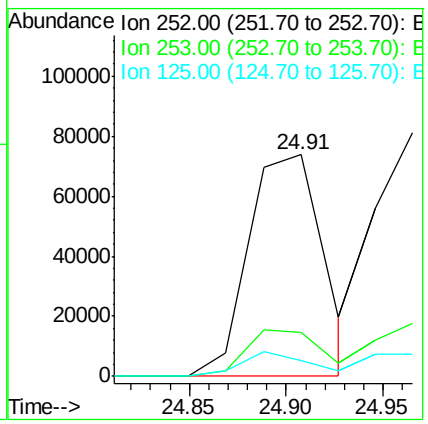




#85
Benzo(b)fluoranthene
Concen: 2.19 ng/ul
RT: 24.91 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:252 Resp: 196538

Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.1	25.7
125	7.3	5.8	8.8



Instrument :
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ClientSampleId :
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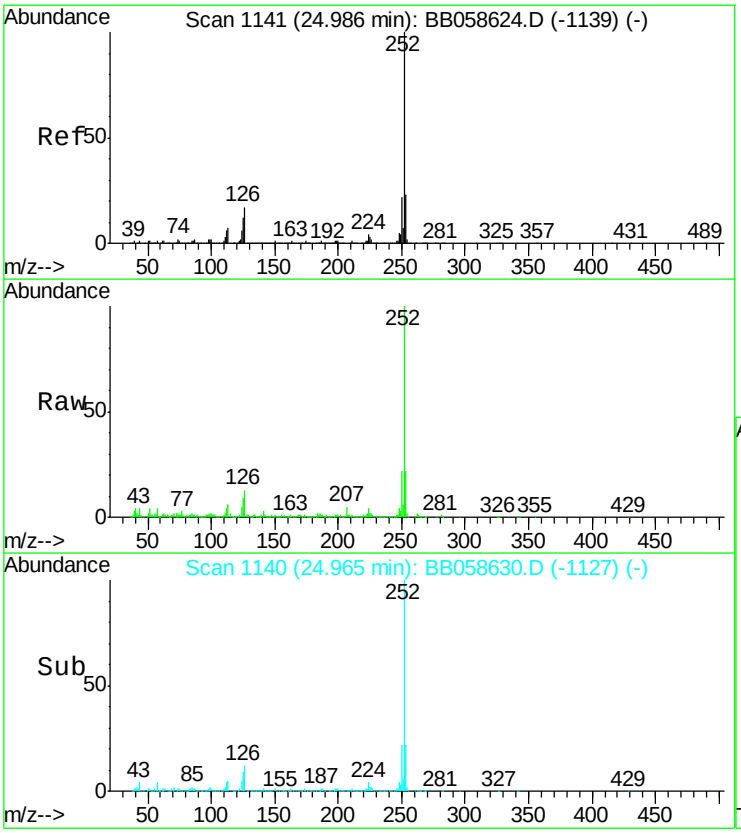
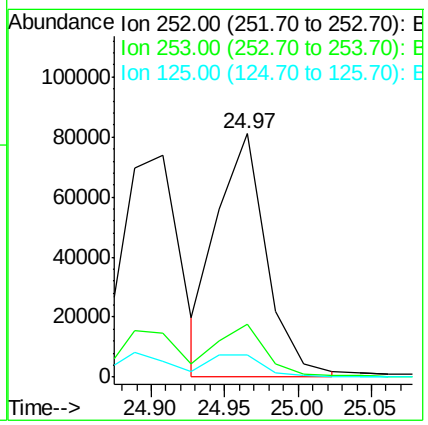
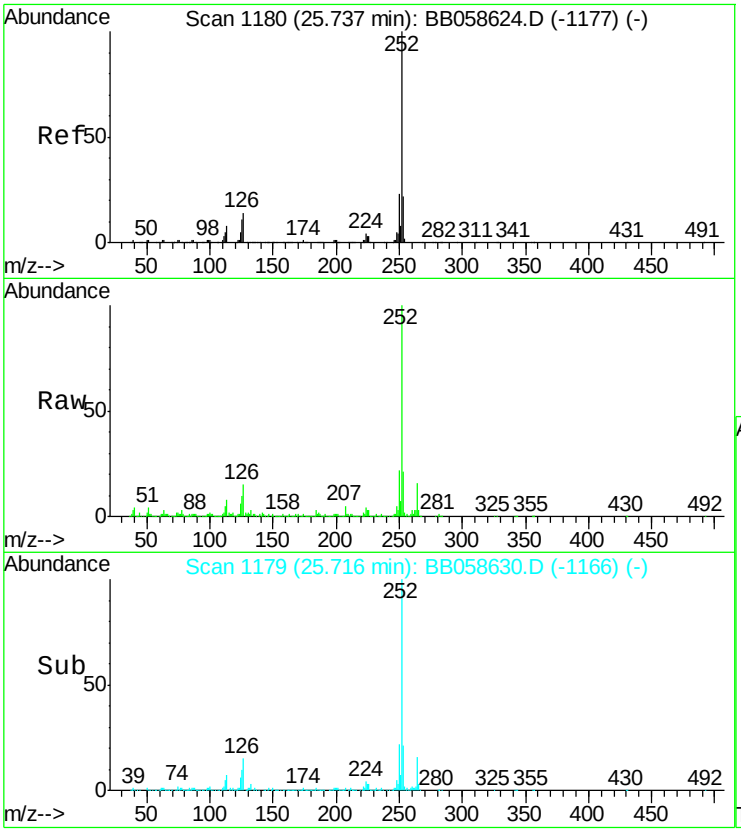


#86
Benzo(k)fluoranthene
Concen: 2.74 ng/ul m
RT: 24.97 min Scan# 1140
Delta R.T. -0.04 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:252 Resp: 190650

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.9	5.7	8.5#





#88
Benzo(a)pyrene
Concen: 2.41 ng/ul
RT: 25.72 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:252 Resp: 181922

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	10.2	6.6	9.8#

Instrument :
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ClientSampleId :
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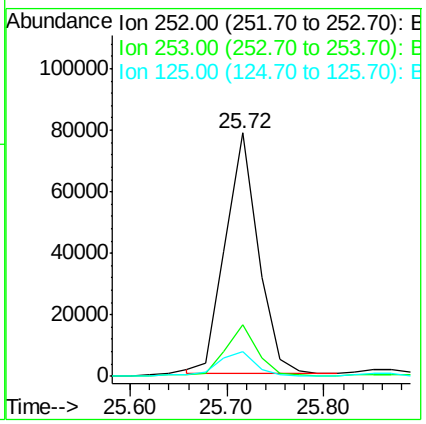
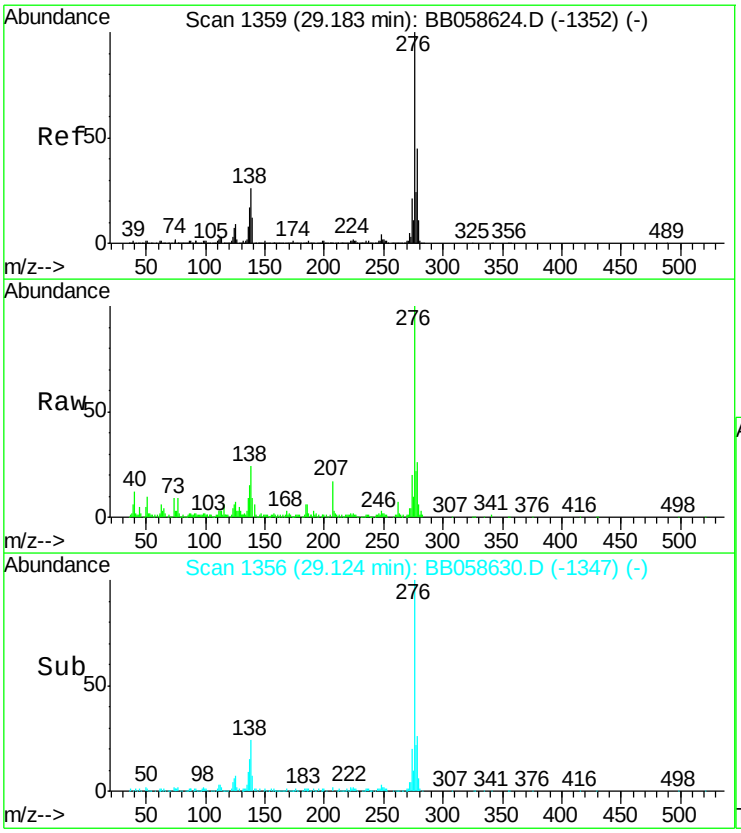
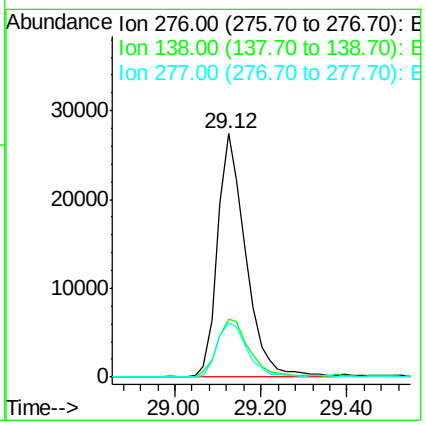


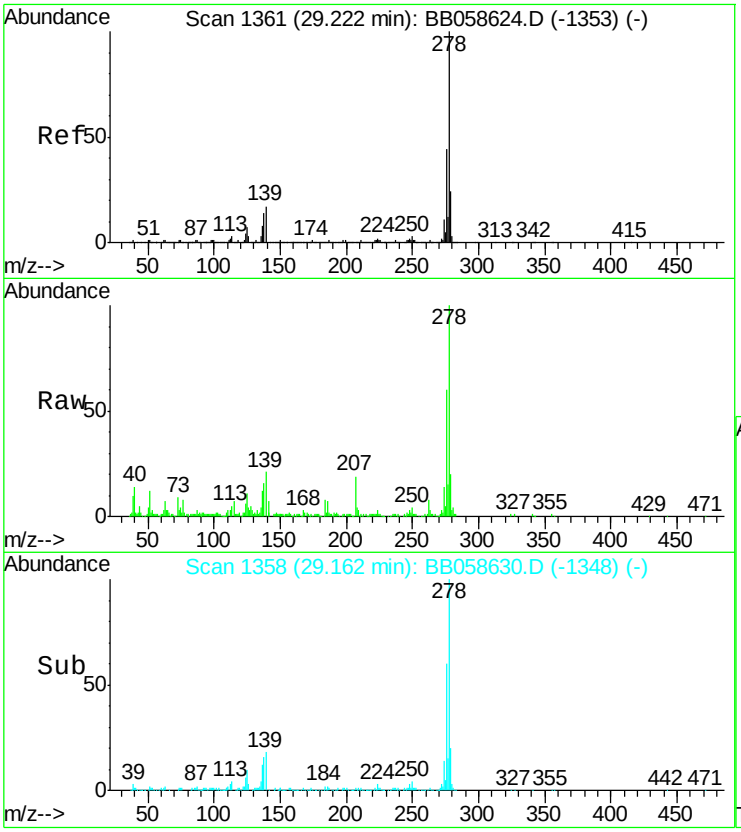


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.89 ng/ul
RT: 29.12 min Scan# 1356
Delta R.T. -0.12 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:276 Resp: 124825

Ion	Ratio	Lower	Upper
276	100		
138	23.6	13.9	20.9#
277	22.2	20.1	30.1

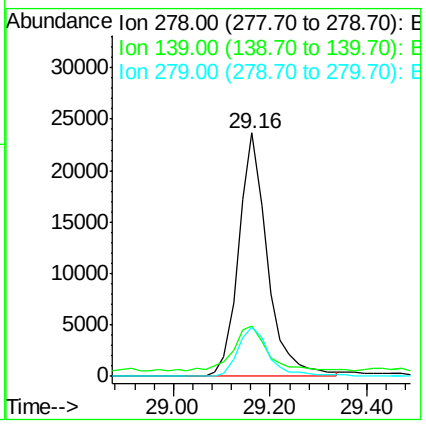




#90
Dibenzo(a,h)anthracene
Concen: 1.78 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:278 Resp: 97365

Ion	Ratio	Lower	Upper
278	100		
139	20.7	9.5	14.3#
279	19.9	19.1	28.7



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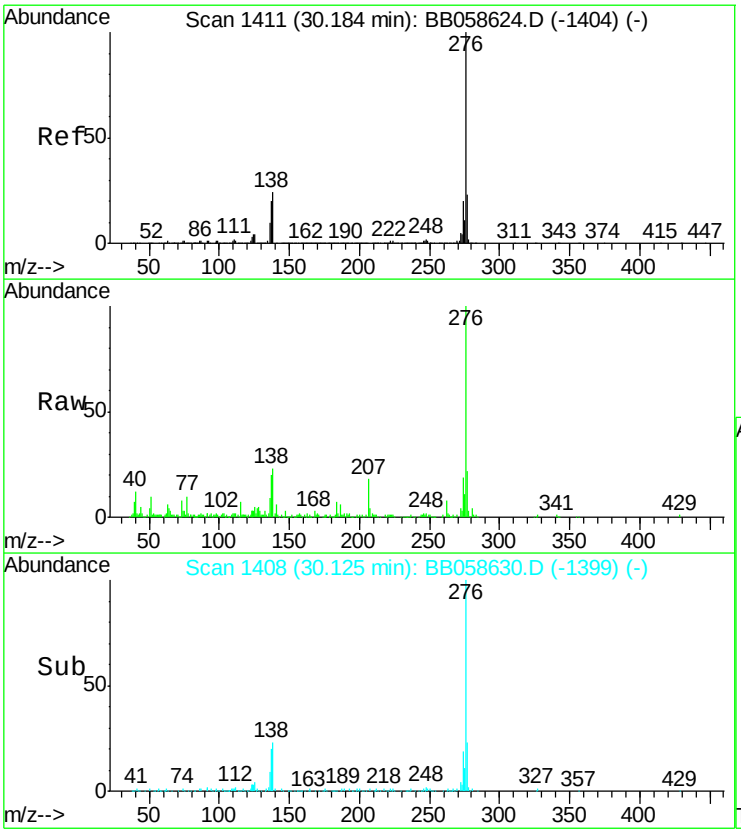

#91
Benzo(g,h,i)perylene
Concen: 1.96 ng/ul
RT: 30.13 min Scan# 1408
Delta R.T. -0.12 min
Lab File: BB058630.D
Acq: 13 Oct 2016 13:28

Tgt Ion:276 Resp: 102446

Ion	Ratio	Lower	Upper
276	100		
138	22.9	13.5	20.3#
277	22.5	19.3	28.9