Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
Data File : BB058608.D
Acq On : 11 Oct 2016 16:42
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 11 17:42:28 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 16:28:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	511972	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1847224	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1149439	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.44	188	1813404	20.00	ng/ul	0.00
75) Chrysene-d12	22.83	240	1935513	20.00	ng/ul	0.02
83) Perylene-d12	25.98	264	1607020	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	74106	6.56	ng/uL	0.00
5) Phenol-d5	7.79	99	1074781	28.90	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	726780	29.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1212753	31.43	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	914862	29.71	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	613342	32.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	710749	34.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	961451	33.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1268752	36.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2679363	35.06	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2916710	32.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	484449	27.60	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2158905	34.48	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.74	200	538091	27.95	ng/ul	0.00
70) Anthracene-d10	18.55	188	2895302	35.70	ng/ul	0.02
76) Pyrene-d10	20.90	212	3075400	36.16	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.77	264	2440417	33.26	ng/ul	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	11183	1.00	ng/uL#	90
4) Benzaldehyde	7.73	77	61838	2.58	ng/ul	88
6) Phenol	7.83	94	105057	2.85	ng/ul#	61
8) Bis(2-Chloroethyl)ether	8.04	93	88465	2.91	ng/ul#	85
10) 2-Chlorophenol	8.21	128	106232	2.89	ng/ul	98
11) 2-Methylphenol	9.16	108	85290	2.88	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.25	45	150045	2.81	ng/ul#	94
14) Acetophenone	9.52	105	127831	2.84	ng/ul#	67
15) N-Nitroso-di-n-propylamine	9.54	70	75439	2.83	ng/ul#	62
16) 4-Methylphenol	9.50	108	87392	2.73	ng/ul	98
17) Hexachloroethane	9.83	117	51137	2.88	ng/ul#	75
20) Nitrobenzene	9.93	77	120882	3.37	ng/ul#	91
21) Isophorone	10.49	82	201934	2.92	ng/ul	96
23) 2-Nitrophenol	10.68	139	67338	3.14	ng/ul#	86
24) 2,4-Dimethylphenol	10.78	107	107233	3.05	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.99	93	96990	2.91	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	93964	3.22	ng/ul#	80
28) Naphthalene	11.68	128	284536	3.23	ng/ul	98
30) 4-Chloroaniline	11.78	127	110177	3.31	ng/ul	94
31) Hexachlorobutadiene	12.03	225	65302	3.28	ng/ul	94
32) Caprolactam	12.60	113	27391	2.58	ng/ul	84
33) 4-Chloro-3-methylphenol	12.95	107	86514	2.98	ng/ul	86
34) 2-Methylnaphthalene	13.34	142	199041	3.28	ng/ul	96

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Sample : MDL-05-S
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 11 17:42:28 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	106868	3.03	ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	41955	1.88	ng/ul	96
38) 2,4,6-Trichlorophenol	13.97	196	64038	2.99	ng/ul	95
39) 2,4,5-Trichlorophenol	14.05	196	67037	2.95	ng/ul	94
40) 1,1'-Biphenyl	14.38	154	242881	3.15	ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	189043	3.08	ng/ul	97
42) 2-Nitroaniline	14.61	65	61659	2.61	ng/ul#	78
44) Dimethylphthalate	15.01	163	253986	3.32	ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	55164	2.86	ng/ul#	81
47) Acenaphthylene	15.30	152	290425	3.32	ng/ul	97
48) 3-Nitroaniline	14.61	138	68654	2.72	ng/ul#	35
49) Acenaphthene	15.65	153	183258	3.05	ng/ul	94
50) 2,4-Dinitrophenol	15.67	184	24388	1.77	ng/ul#	1
52) 4-Nitrophenol	15.80	109	38480	2.70	ng/ul#	83
53) Dibenzofuran	15.99	168	278537	3.26	ng/ul	94
54) 2,4-Dinitrotoluene	15.93	165	80962	3.01	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	16.24	232	59058	2.97	ng/ul#	95
56) Diethylphthalate	16.44	149	251290	3.17	ng/ul	98
58) Fluorene	16.67	166	203919	2.93	ng/ul	93
59) 4-Chlorophenyl-phenylether	16.67	204	112997	3.02	ng/ul	93
60) 4-Nitroaniline	16.67	138	36483	1.83	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.74	198	52683	2.74	ng/ul#	57
64) N-Nitrosodiphenylamine	16.88	169	186800	3.19	ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	70329	3.03	ng/ul	99
66) Hexachlorobenzene	17.74	284	73353	3.15	ng/ul#	88
67) Atrazine	17.86	200	67849	3.04	ng/ul#	89
68) Pentachlorophenol	18.09	266	41331	2.51	ng/ul	98
69) Phenanthrene	18.48	178	311956	3.46	ng/ul	99
71) Anthracene	18.57	178	317817	3.45	ng/ul	100
72) Carbazole	18.84	167	259415	3.37	ng/ul	96
73) Di-n-butylphthalate	19.44	149	403607	3.21	ng/ul#	97
74) Fluoranthene	20.54	202	324912	3.53	ng/ul#	95
77) Pyrene	20.92	202	372591	3.68	ng/ul#	91
78) Butylbenzylphthalate	21.83	149	209751	3.20	ng/ul	88
79) 3,3'-Dichlorobenzidine	22.71	252	69245	2.02	ng/ul#	96
80) Benzo(a)anthracene	22.81	228	337154	3.42	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.73	149	246211	2.82	ng/ul#	90
82) Chrysene	22.87	228	301457	3.26	ng/ul	99
84) Di-n-octyl phthalate	22.73	149	246211	2.94	ng/ul#	70
85) Benzo(b)fluoranthene	24.98	252	301883m	2.85	ng/ul	
86) Benzo(k)fluoranthene	25.04	252	262125	3.19	ng/ul#	97
88) Benzo(a)pyrene	25.83	252	249640	2.79	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.35	276	205061	2.63	ng/ul	96
90) Dibenzo(a,h)anthracene	29.39	278	160696	2.48	ng/ul#	93
91) Benzo(g,h,i)perylene	30.39	276	164548	2.67	ng/ul#	95

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

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Acq On : 11 Oct 2016 16:42
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 11 17:42:28 2016
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_B
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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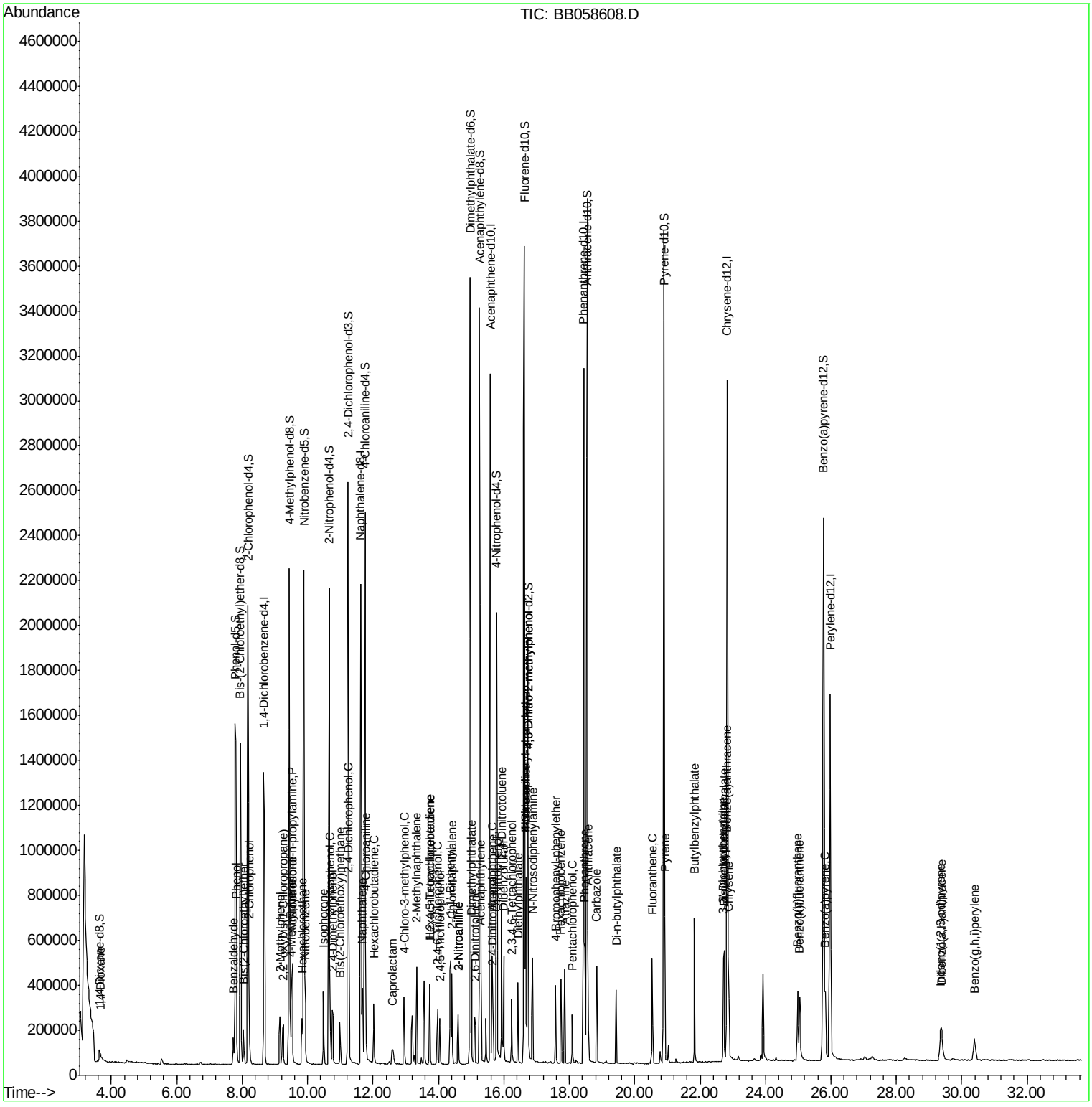
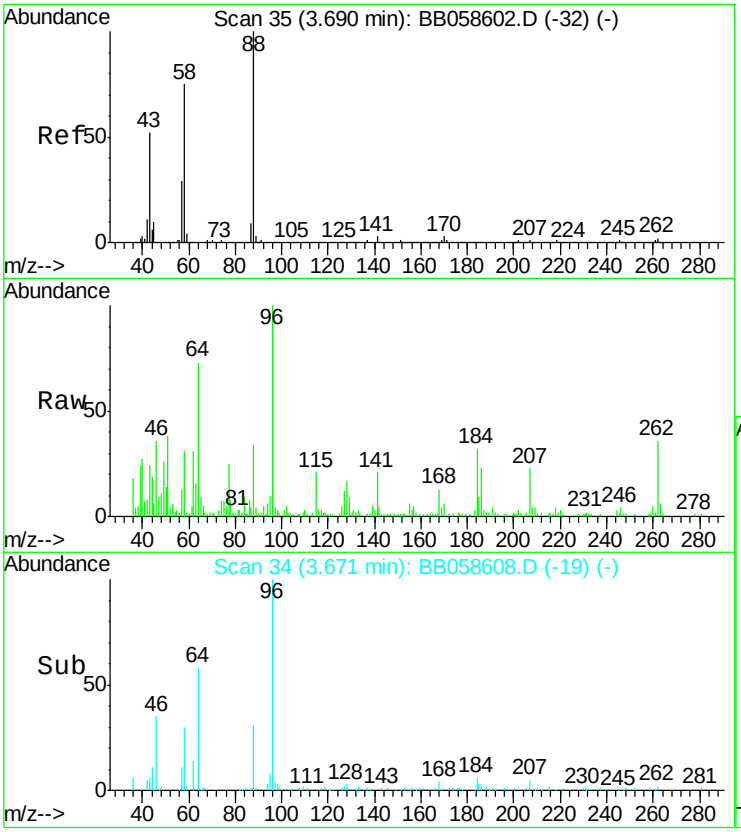
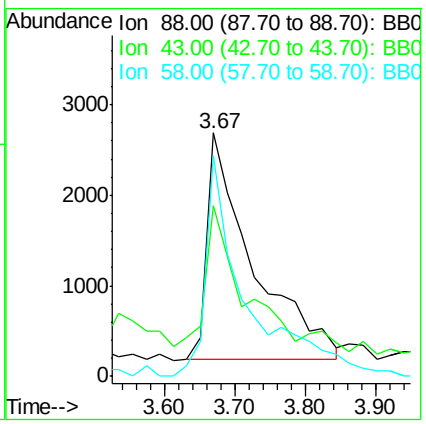




#2
1,4-Dioxane
Concen: 1.00 ng/uL
RT: 3.67 min Scan# 34
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 88 Resp: 11183

Ion	Ratio	Lower	Upper
88	100		
43	35.6	22.6	34.0#
58	64.4	57.3	85.9



Instrument :
BNA_B
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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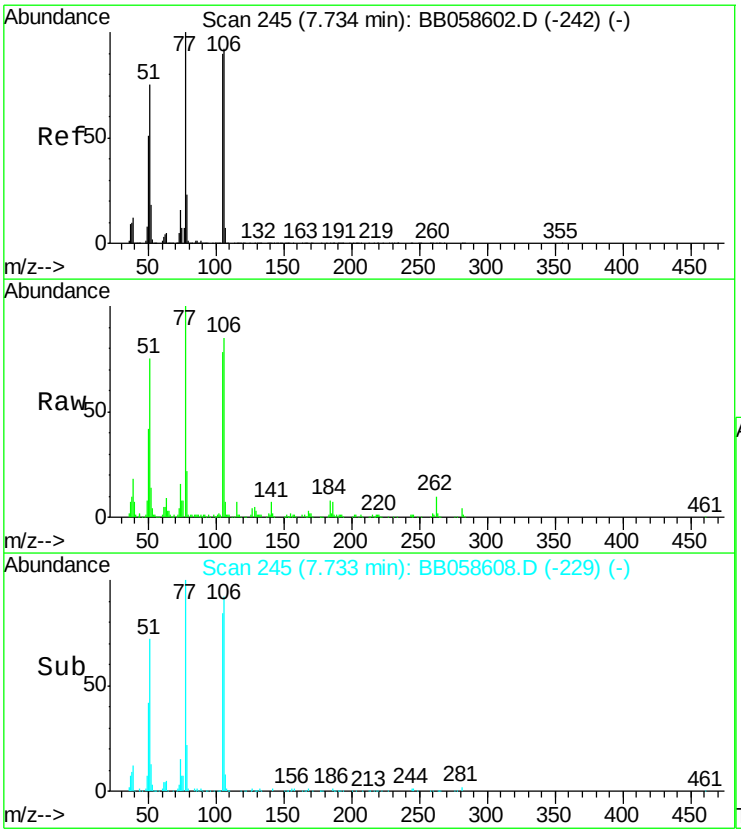
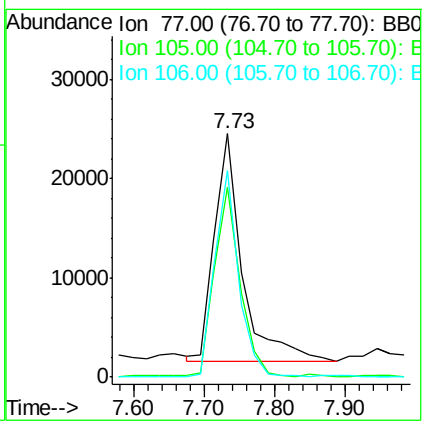
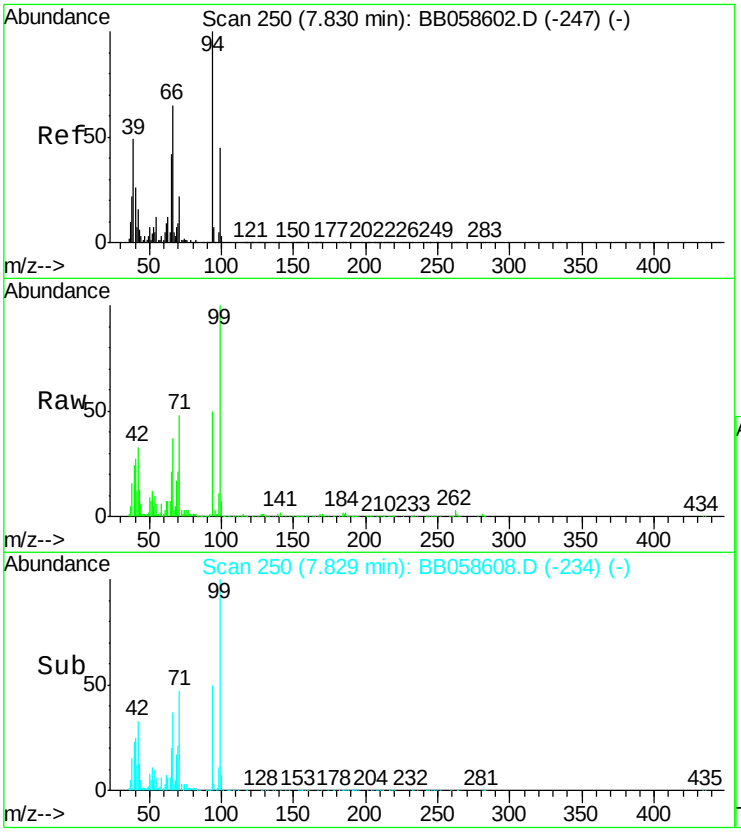


#4
Benzaldehyde
Concen: 2.58 ng/ul
RT: 7.73 min Scan# 245
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 77 Resp: 61838

Ion	Ratio	Lower	Upper
77	100		
105	77.9	76.9	115.3
106	84.8	71.8	107.8





#6
Phenol
Concen: 2.85 ng/ul
RT: 7.83 min Scan# 250
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 94 Resp: 105057

Ion	Ratio	Lower	Upper
94	100		
65	41.2	23.9	35.9#
66	74.9	33.5	50.3#

Instrument :
BNA_B
ClientSampleId :
MDL-05-S

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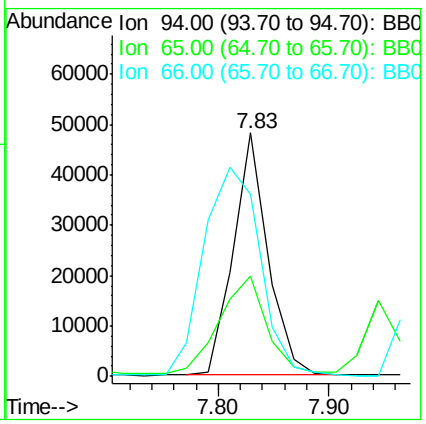
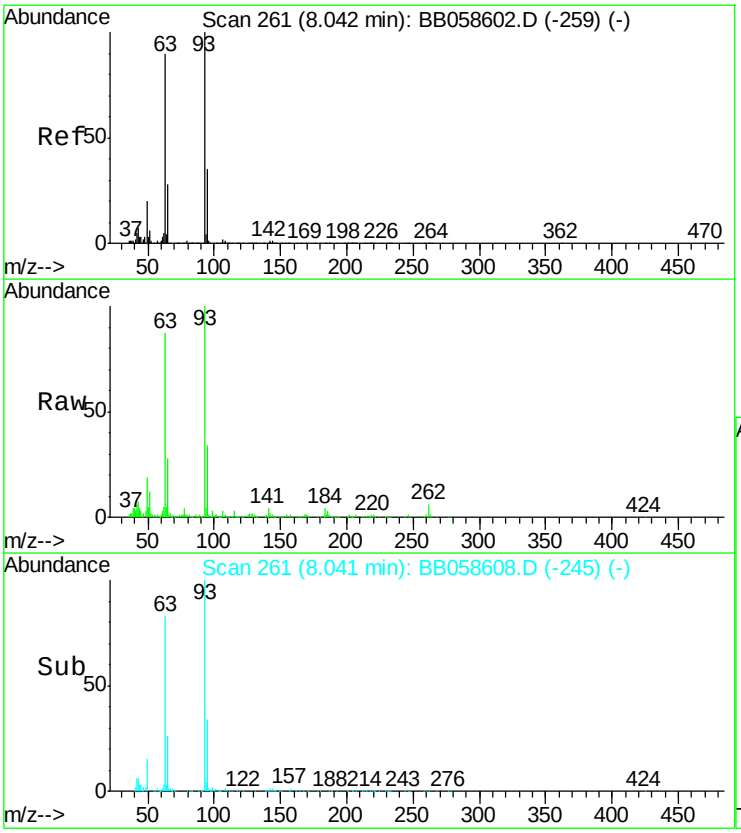
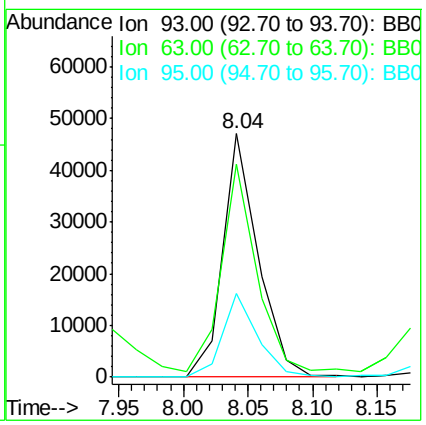


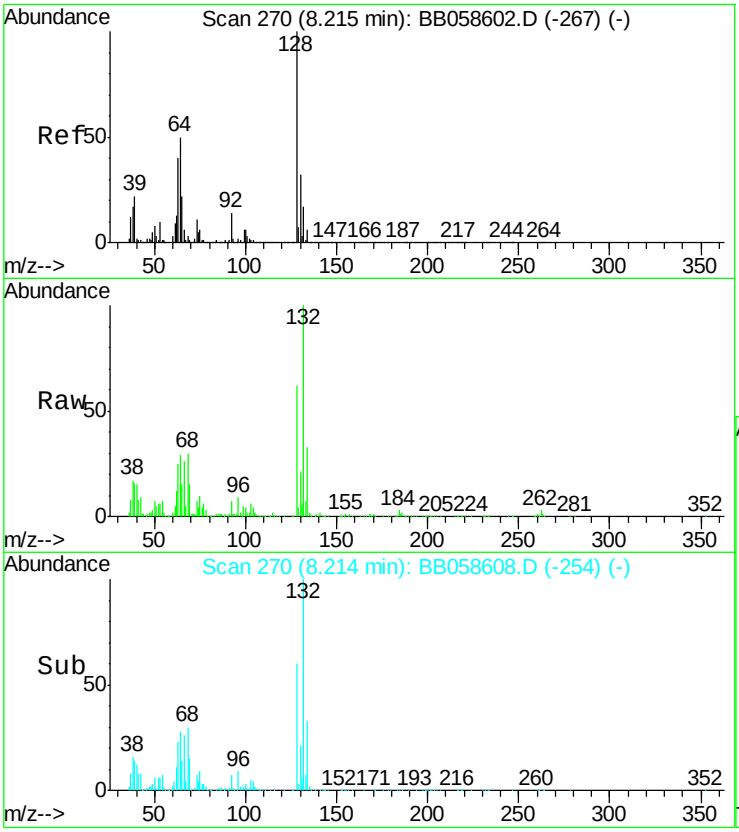


#8
Bis(2-Chloroethyl)ether
Concen: 2.91 ng/ul
RT: 8.04 min Scan# 261
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 93 Resp: 88465

Ion	Ratio	Lower	Upper
93	100		
63	87.2	57.3	85.9#
95	34.2	25.1	37.7

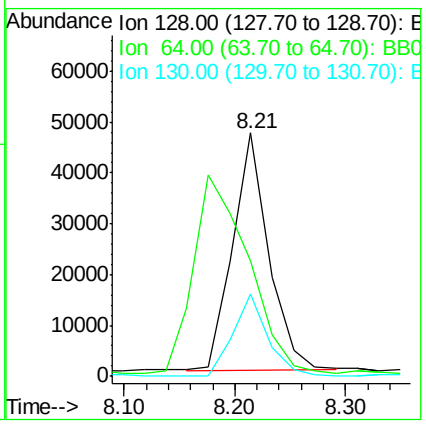




#10
2-Chlorophenol
Concen: 2.89 ng/ul
RT: 8.21 min Scan# 270
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:128 Resp: 106232

Ion	Ratio	Lower	Upper
128	100		
64	47.5	37.5	56.3
130	33.8	25.0	37.4



Instrument :
BNA_B
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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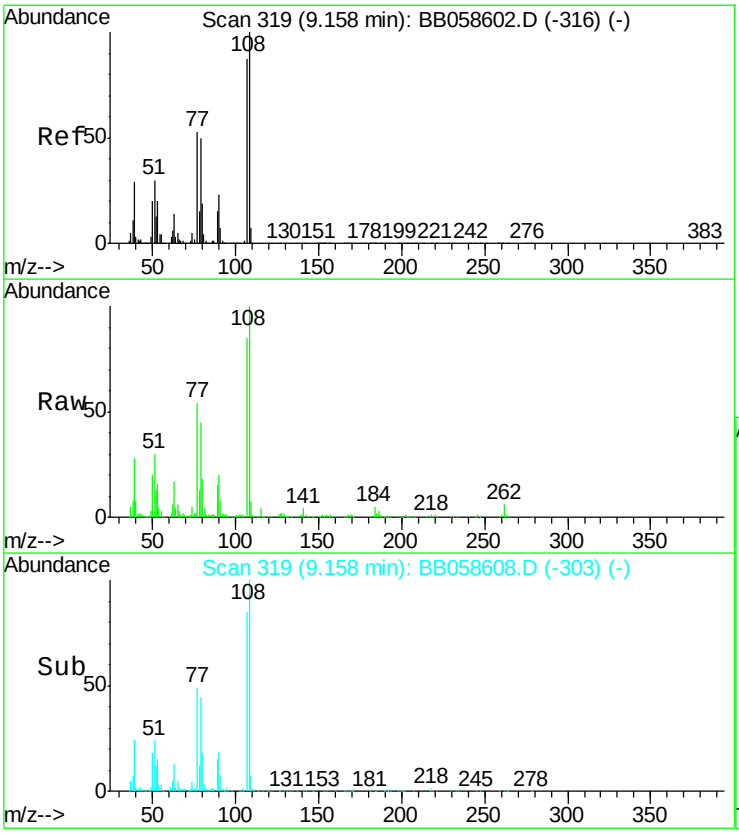
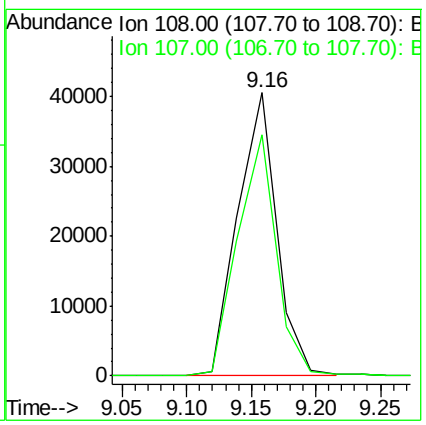
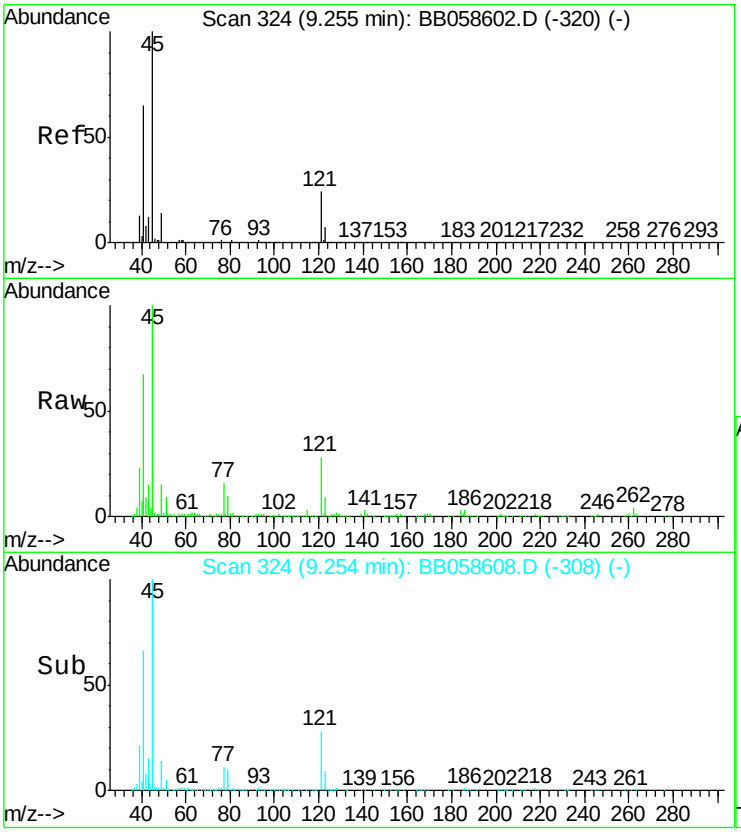


#11
2-Methylphenol
Concen: 2.88 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:108 Resp: 85290

Ion	Ratio	Lower	Upper
108	100		
107	85.1	71.8	107.6





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.81 ng/ul
RT: 9.25 min Scan# 324
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 45 Resp: 150045

Ion	Ratio	Lower	Upper
45	100		
77	15.6	14.1	21.1
79	10.1	10.4	15.6#

Instrument :
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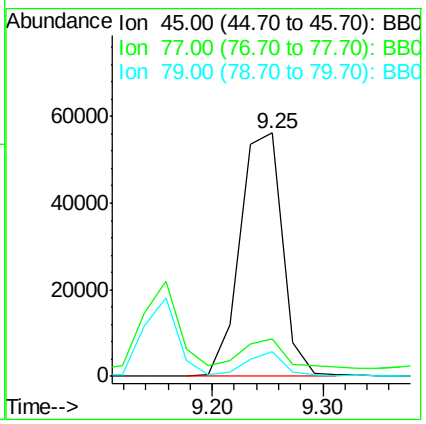
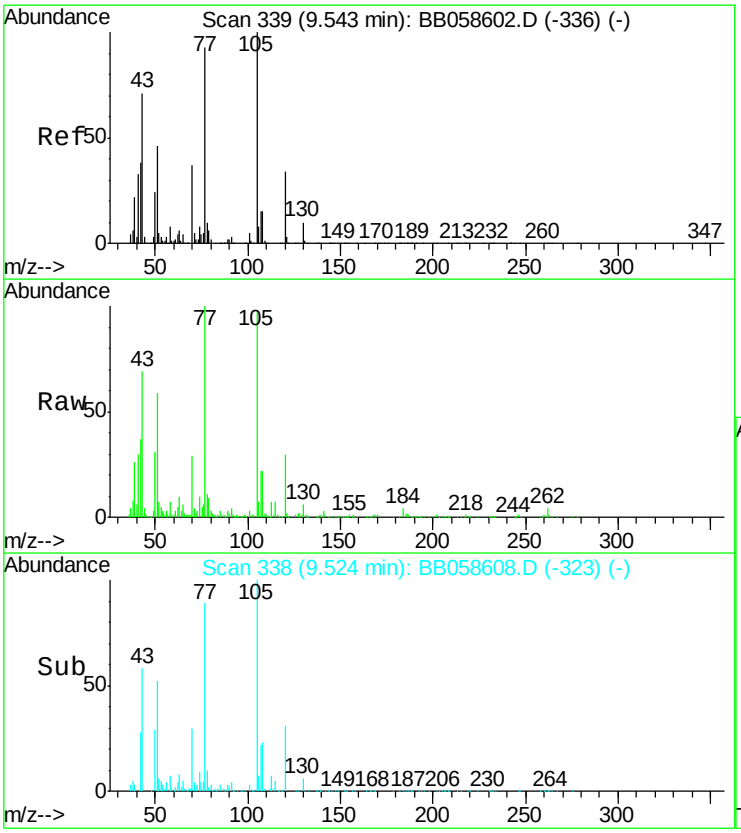
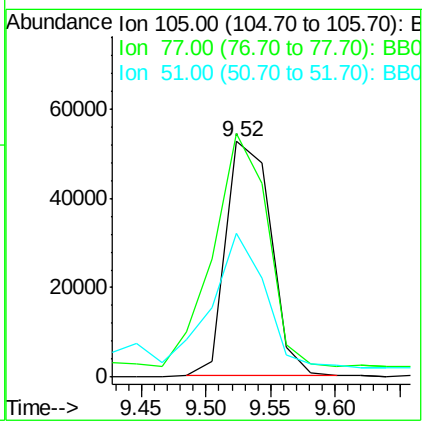


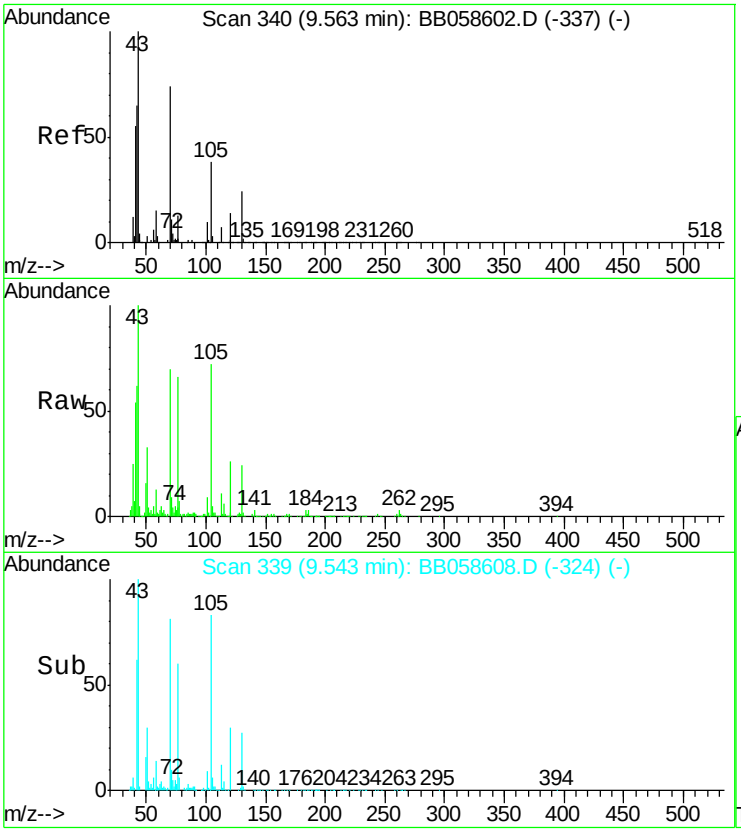


#14
Acetophenone
Concen: 2.84 ng/ul
RT: 9.52 min Scan# 338
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:105 Resp: 127831

Ion	Ratio	Lower	Upper
105	100		
77	103.2	65.9	98.9#
51	61.0	22.2	33.2#

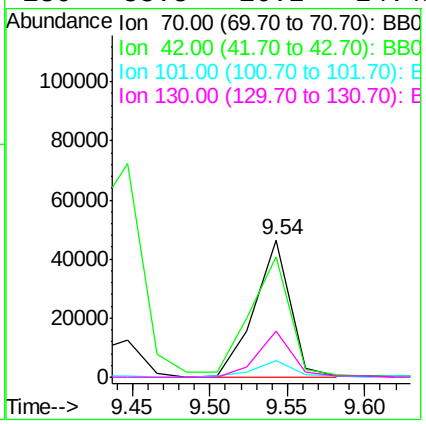




#15
N-Nitroso-di-n-propylamine
Concen: 2.83 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 70 Resp: 75439

Ion	Ratio	Lower	Upper
70	100		
42	87.7	43.4	65.2#
101	12.2	7.8	11.6#
130	33.8	16.2	24.4#



Instrument :
BNA_B
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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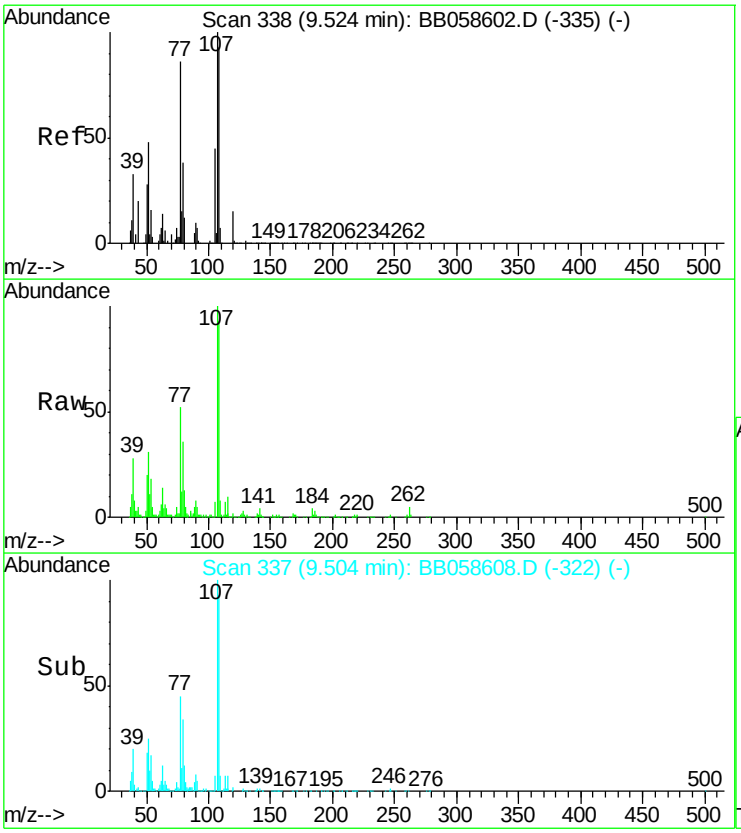
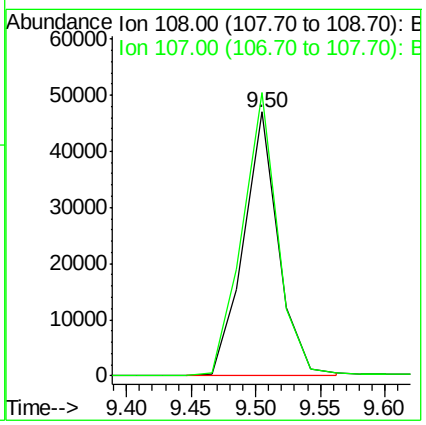
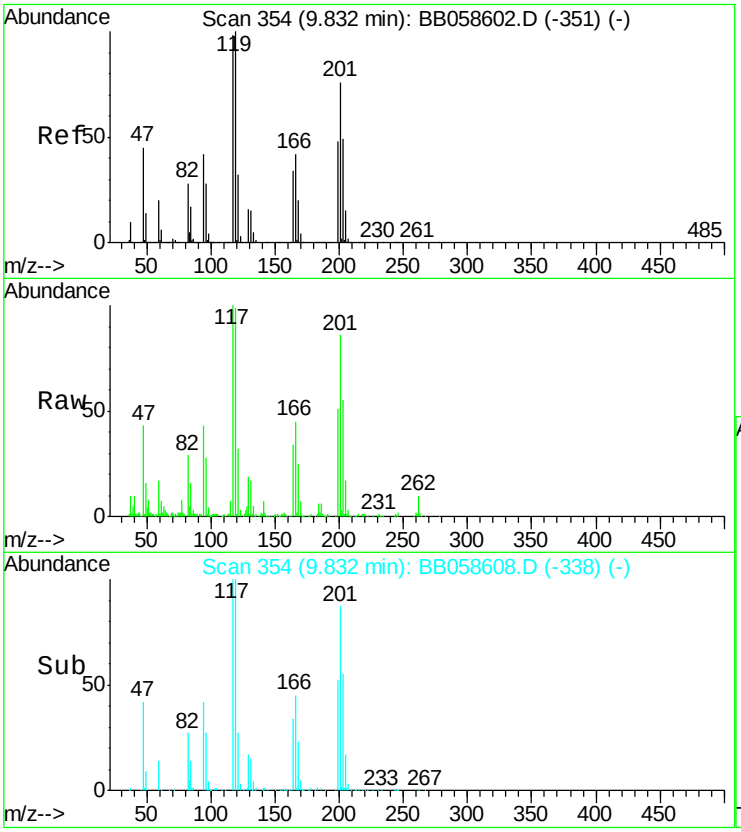


#16
4-Methylphenol
Concen: 2.73 ng/ul
RT: 9.50 min Scan# 337
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:108 Resp: 87392

Ion	Ratio	Lower	Upper
108	100		
107	107.3	87.8	131.8

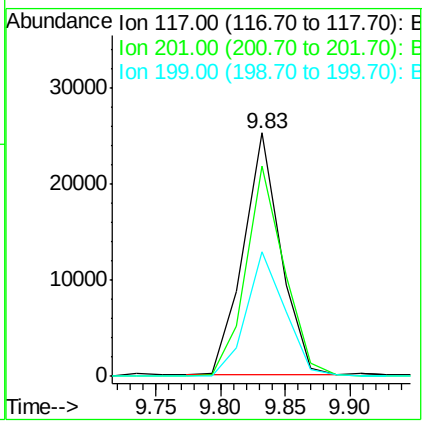




#17
Hexachloroethane
Concen: 2.88 ng/ul
RT: 9.83 min Scan# 354
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:117 Resp: 51137

Ion	Ratio	Lower	Upper
117	100		
201	86.4	90.3	135.5#
199	51.4	58.5	87.7#



Instrument :
BNA_B
ClientSampleId :
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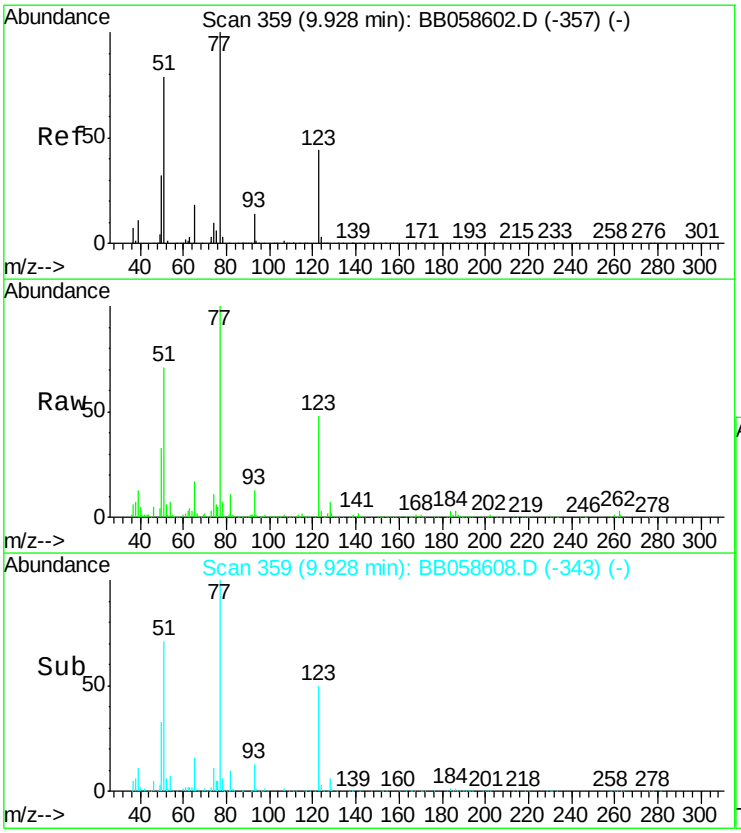
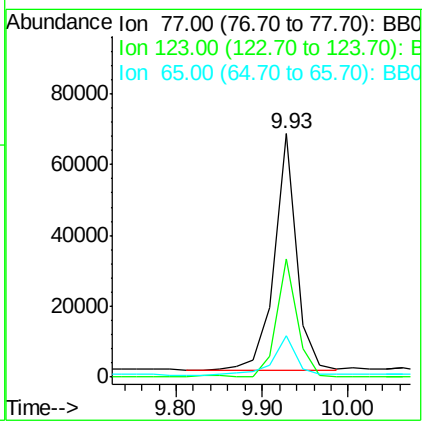
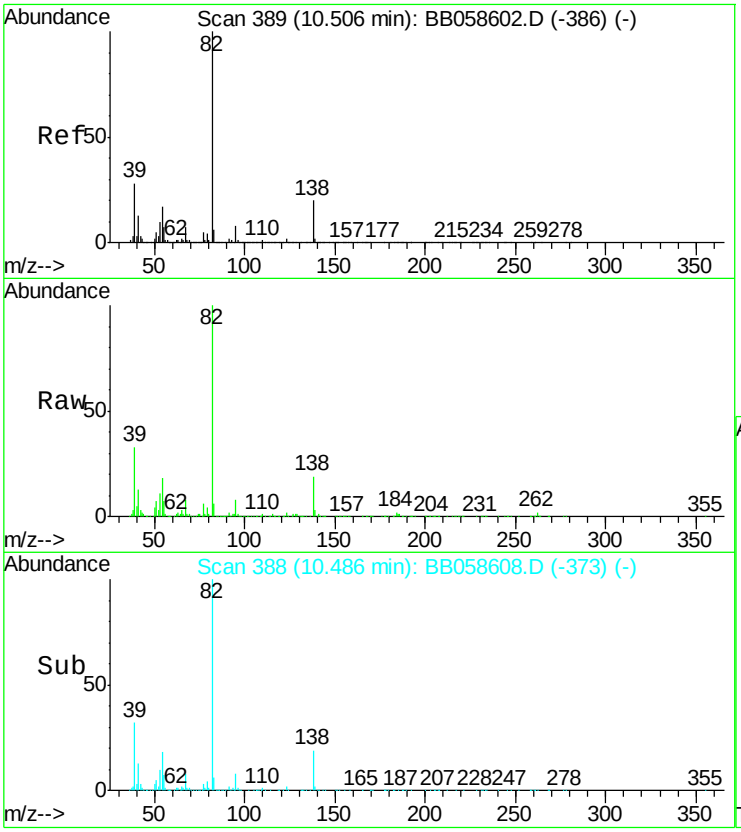


#20
Nitrobenzene
Concen: 3.37 ng/ul
RT: 9.93 min Scan# 359
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 77 Resp: 120882

Ion	Ratio	Lower	Upper
77	100		
123	48.4	34.2	51.4
65	16.9	11.0	16.6#

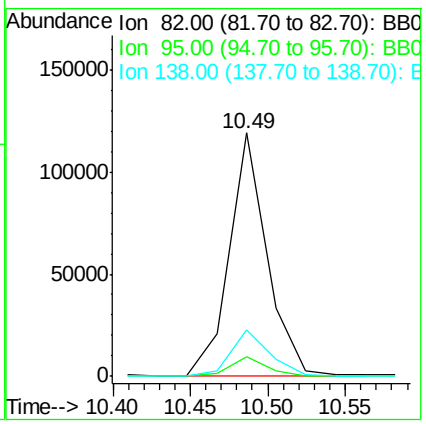




#21
Isophorone
Concen: 2.92 ng/ul
RT: 10.49 min Scan# 388
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 82 Resp: 201934

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.9	10.3
138	19.3	13.8	20.8



Instrument :
BNA_B
ClientSampleId :
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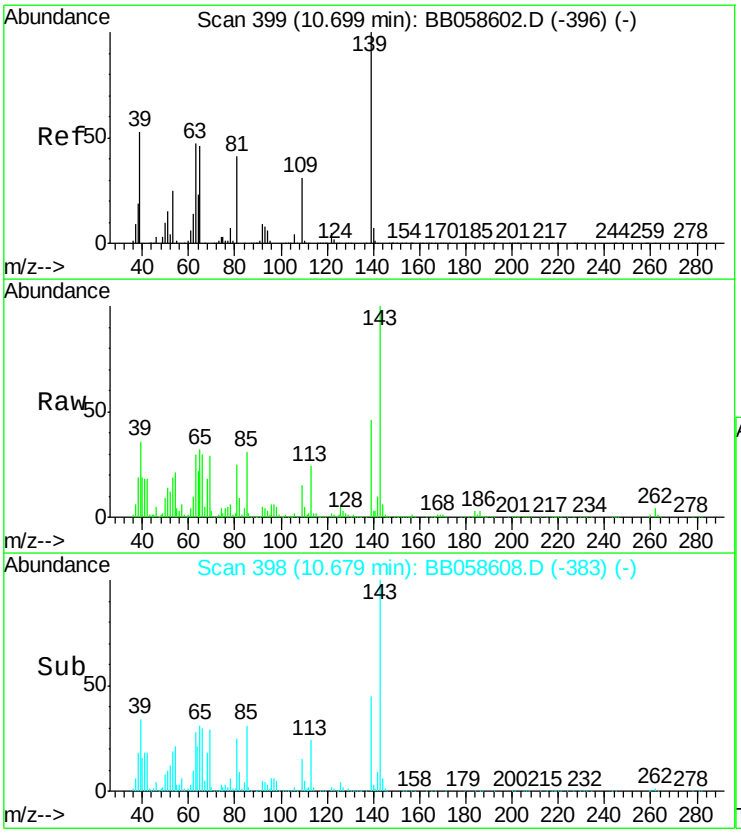
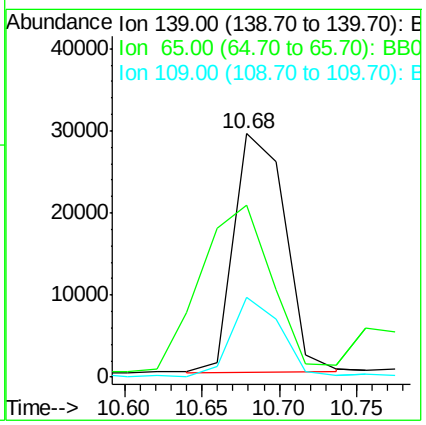
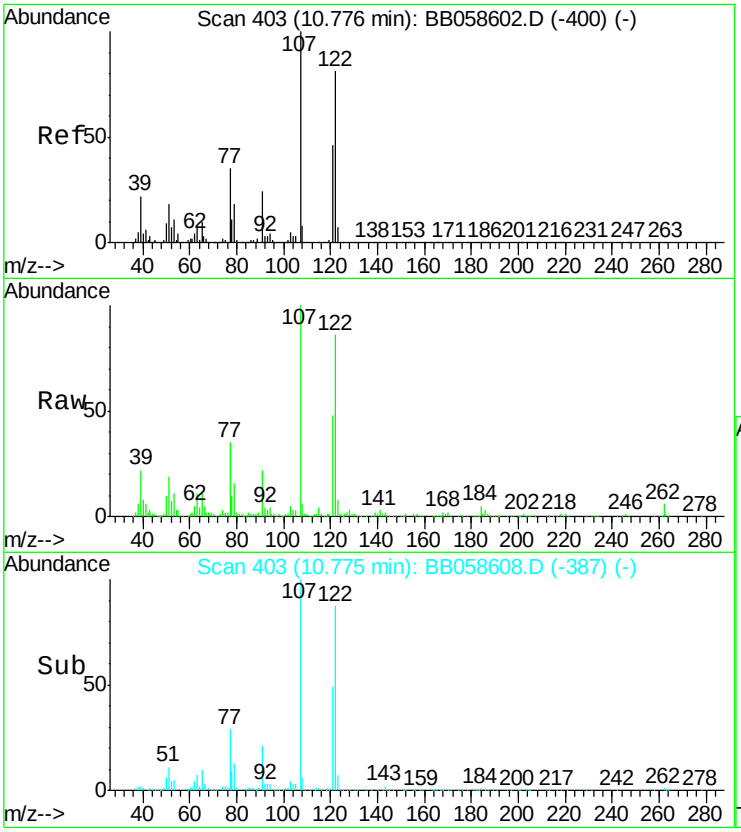


#23
2-Nitrophenol
Concen: 3.14 ng/ul
RT: 10.68 min Scan# 398
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:139 Resp: 67338

Ion	Ratio	Lower	Upper
139	100		
65	70.4	44.2	66.4#
109	32.7	28.2	42.4

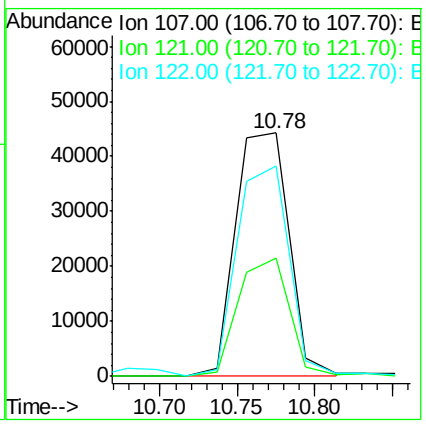




#24
2,4-Dimethylphenol
Concen: 3.05 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:107 Resp: 107233

Ion	Ratio	Lower	Upper
107	100		
121	48.4	37.1	55.7
122	86.4	62.8	94.2



Instrument :
BNA_B
ClientSampleId :
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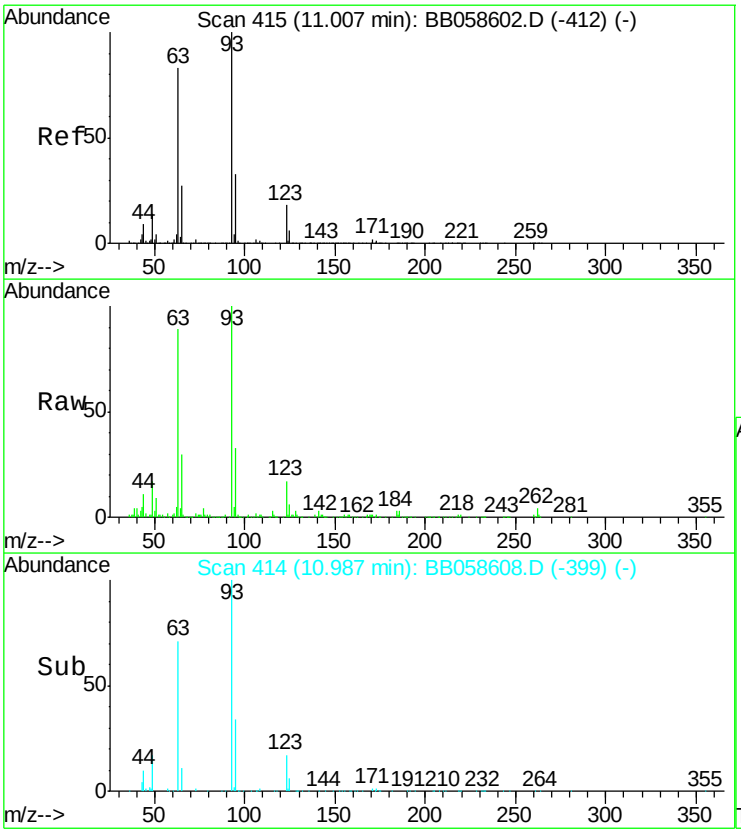
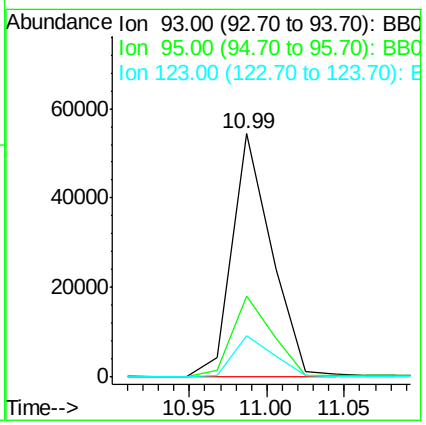
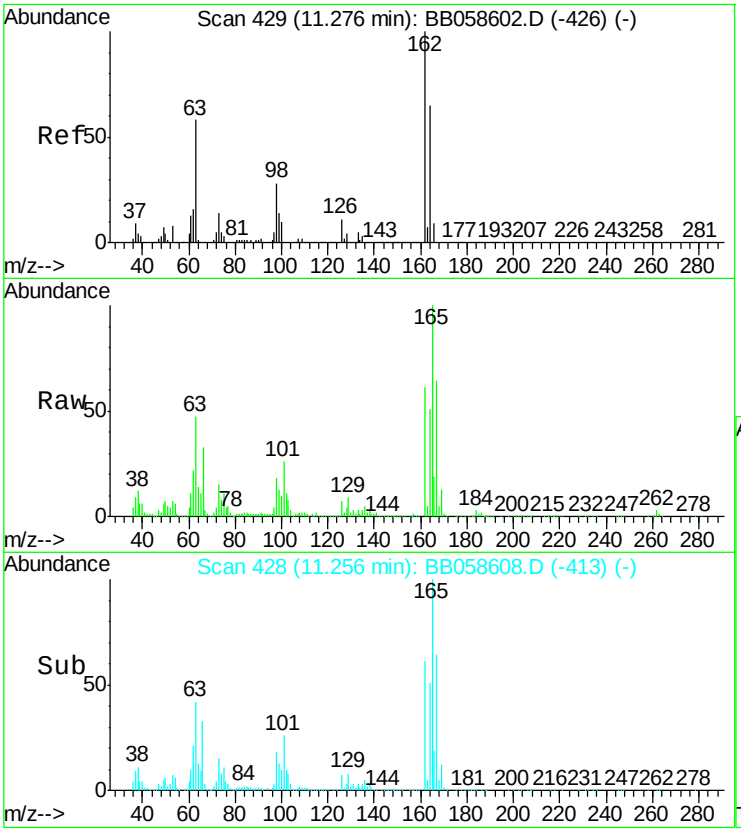


#25
Bis(2-Chloroethoxy)methane
Concen: 2.91 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 93 Resp: 96990

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.0
123	17.2	8.3	12.5#

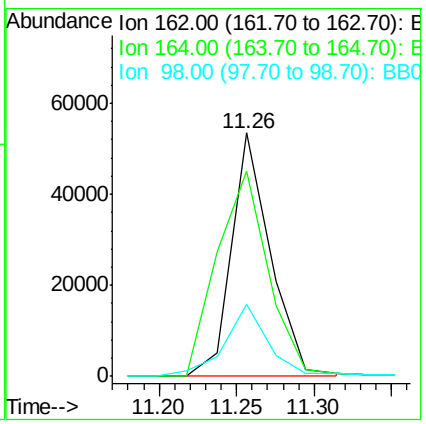




#27
2,4-Dichlorophenol
Concen: 3.22 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:162 Resp: 93964

Ion	Ratio	Lower	Upper
162	100		
164	84.2	51.6	77.4#
98	29.5	28.4	42.6



Instrument :
BNA_B
ClientSampleId :
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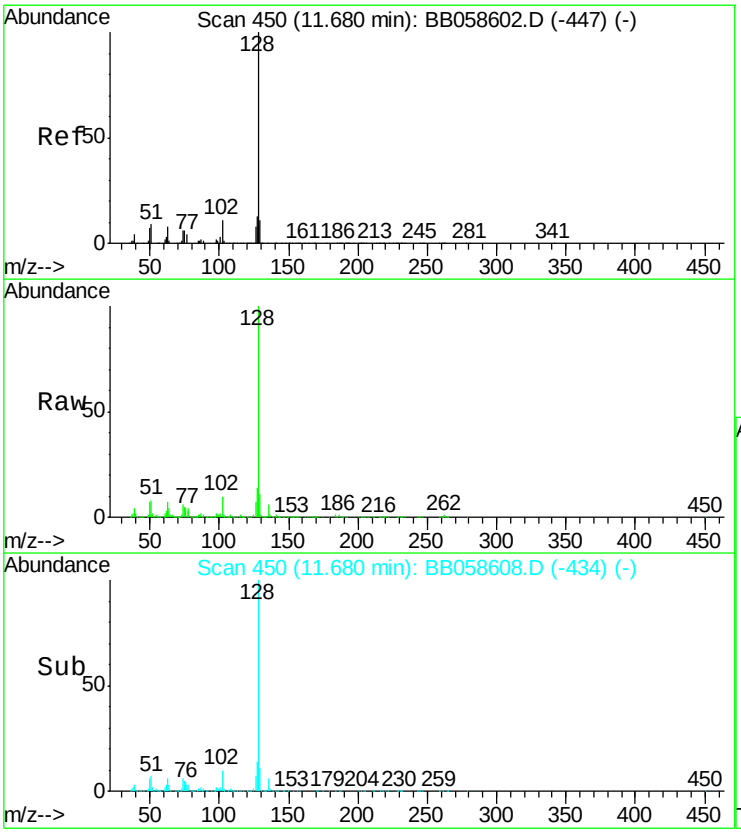
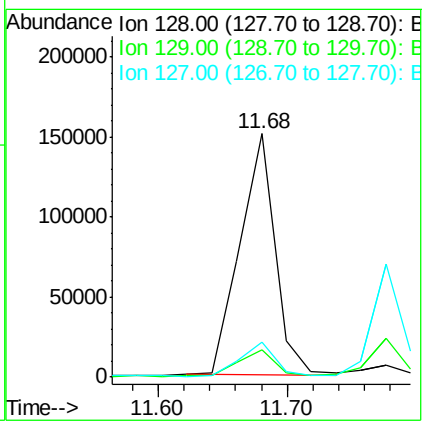
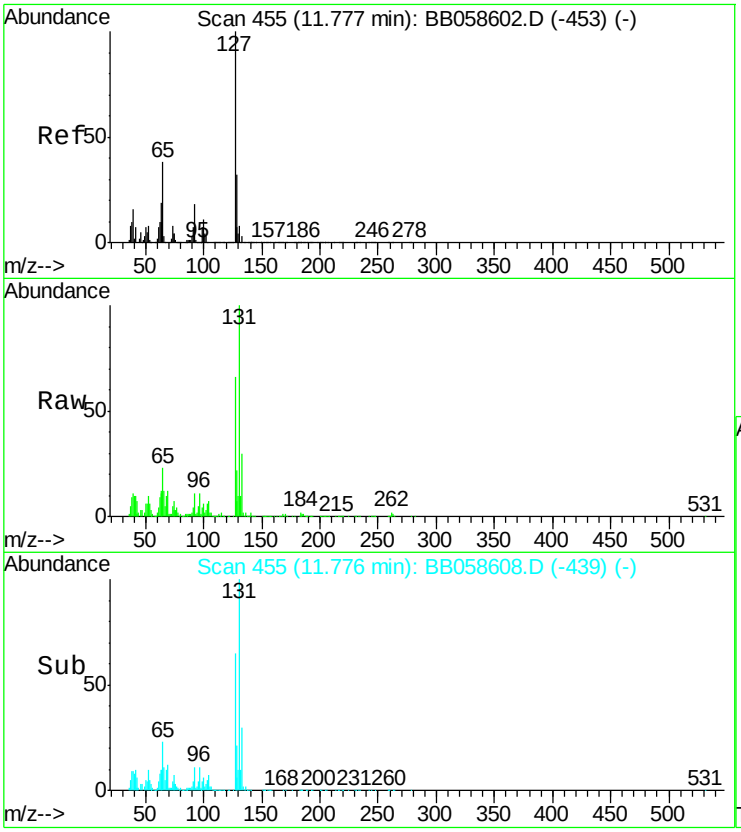


#28
Naphthalene
Concen: 3.23 ng/ul
RT: 11.68 min Scan# 450
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:128 Resp: 284536

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.1	10.6	15.8

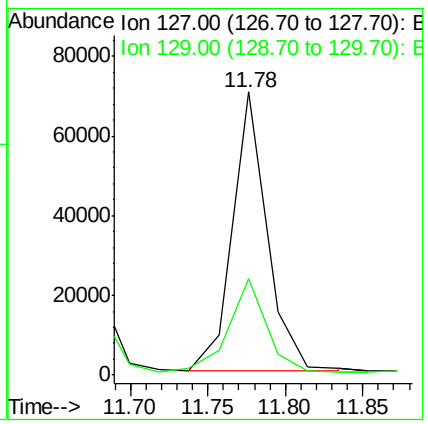




#30
4-Chloroaniline
Concen: 3.31 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:127 Resp: 110177

Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.6	37.0



Instrument :
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ClientSampleId :
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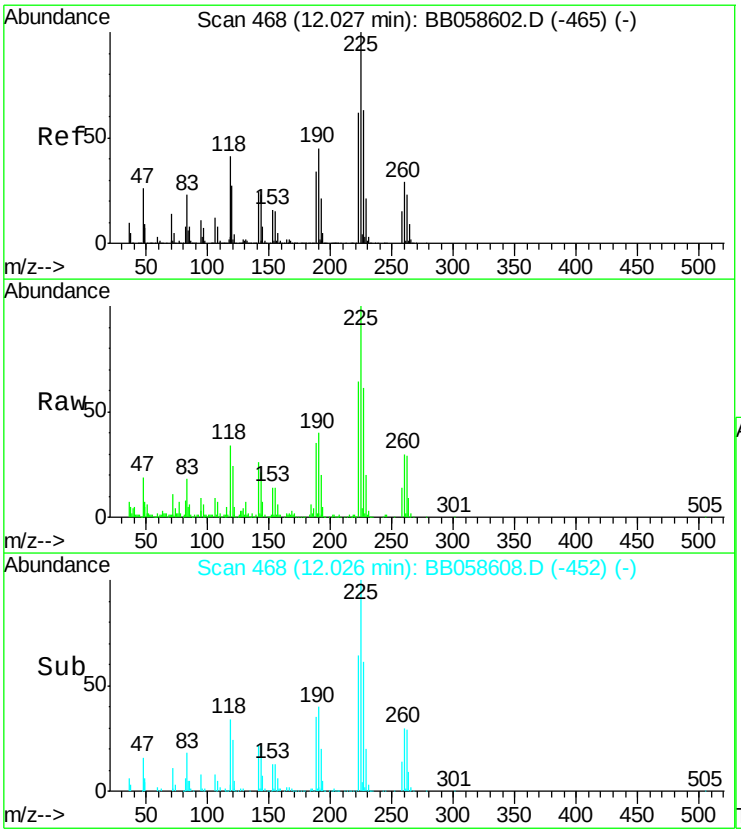
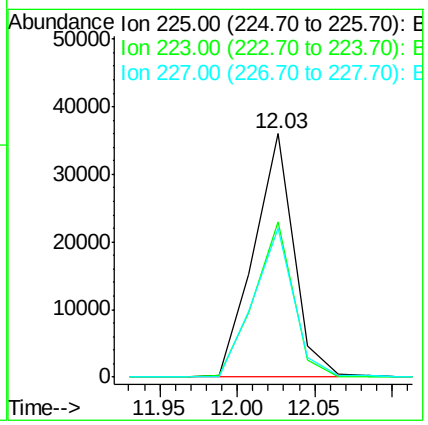
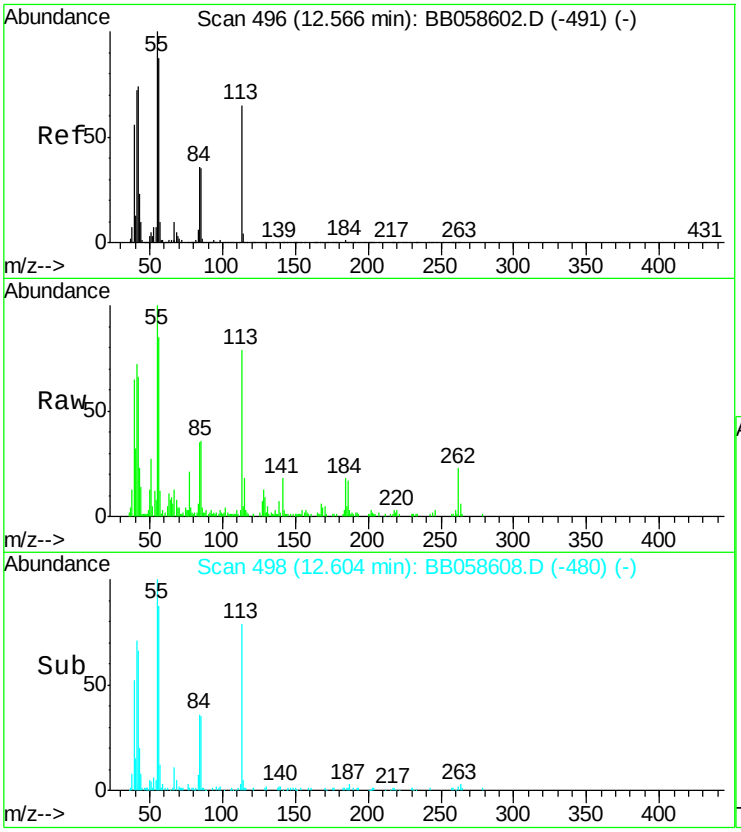


#31
Hexachlorobutadiene
Concen: 3.28 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:225 Resp: 65302

Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.2	76.8
227	58.8	52.5	78.7

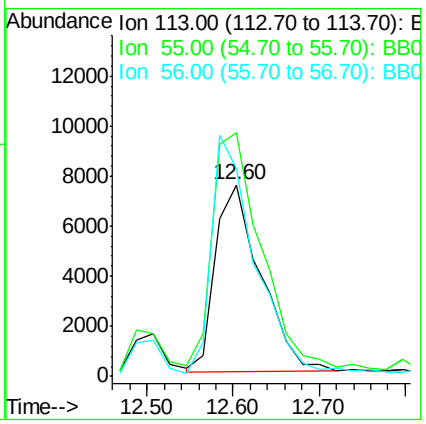




#32
Caprolactam
Concen: 2.58 ng/ul
RT: 12.60 min Scan# 498
Delta R.T. 0.04 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:113 Resp: 27391

Ion	Ratio	Lower	Upper
113	100		
55	127.3	121.9	182.9
56	108.6	97.4	146.0



Instrument :
BNA_B
ClientSampleId :
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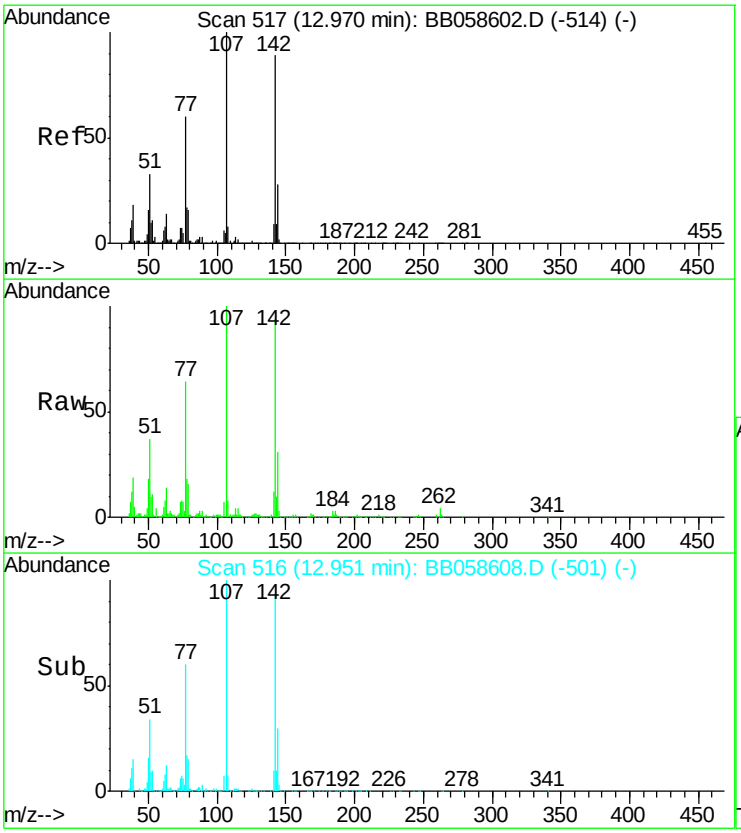
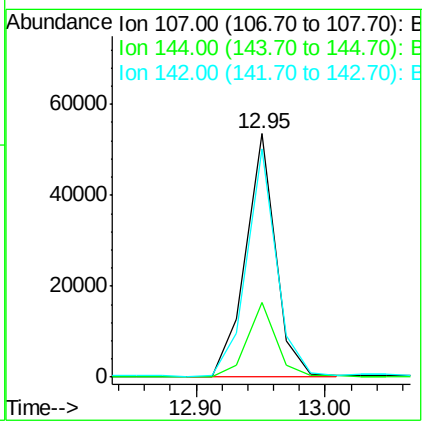
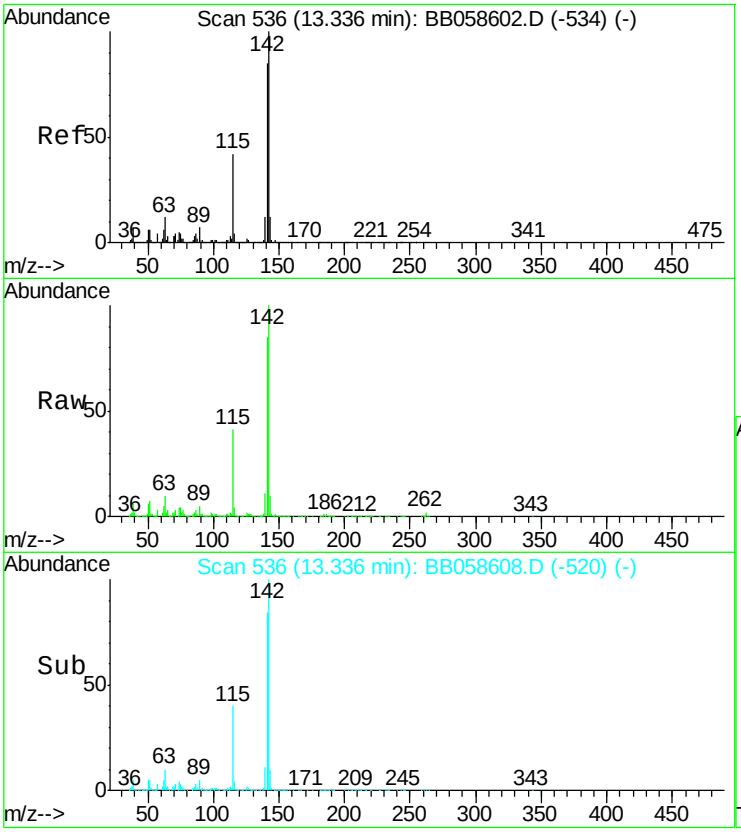


#33
4-Chloro-3-methylphenol
Concen: 2.98 ng/ul
RT: 12.95 min Scan# 516
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:107 Resp: 86514

Ion	Ratio	Lower	Upper
107	100		
144	30.5	21.1	31.7
142	93.8	64.1	96.1





#34
2-Methylnaphthalene
Concen: 3.28 ng/ul
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:142 Resp: 199041

Ion	Ratio	Lower	Upper
142	100		
141	85.1	71.3	106.9

Instrument :
BNA_B
ClientSampleId :
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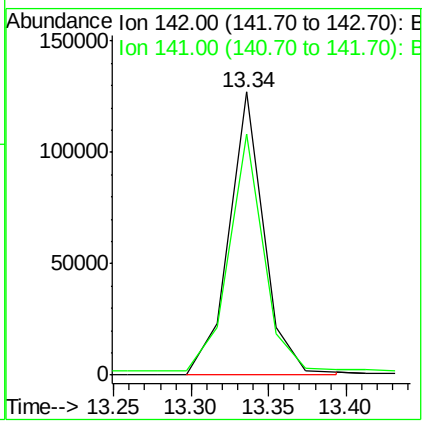
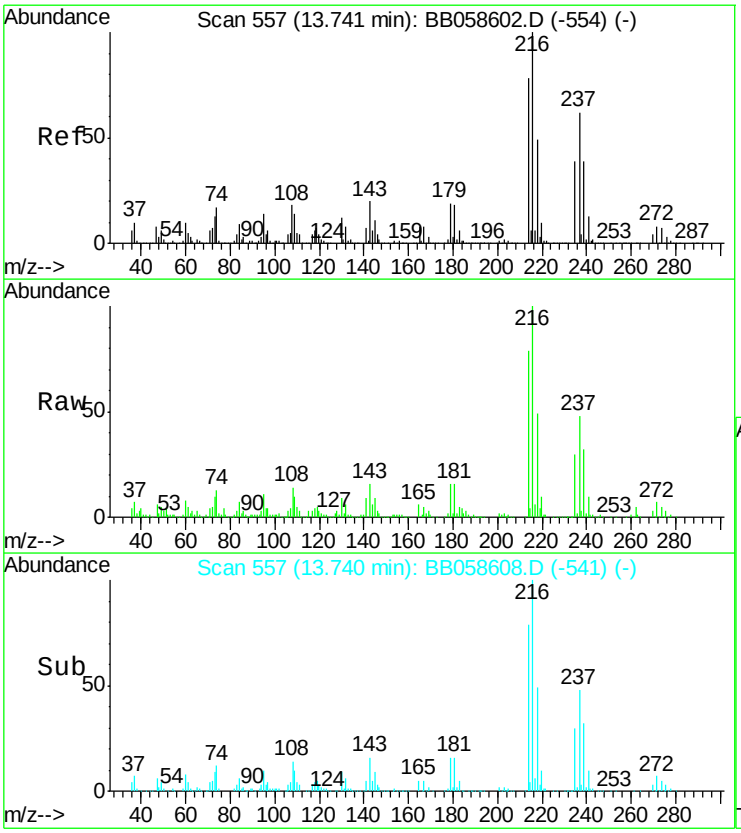
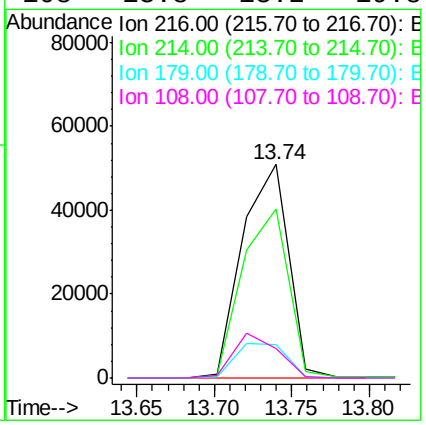


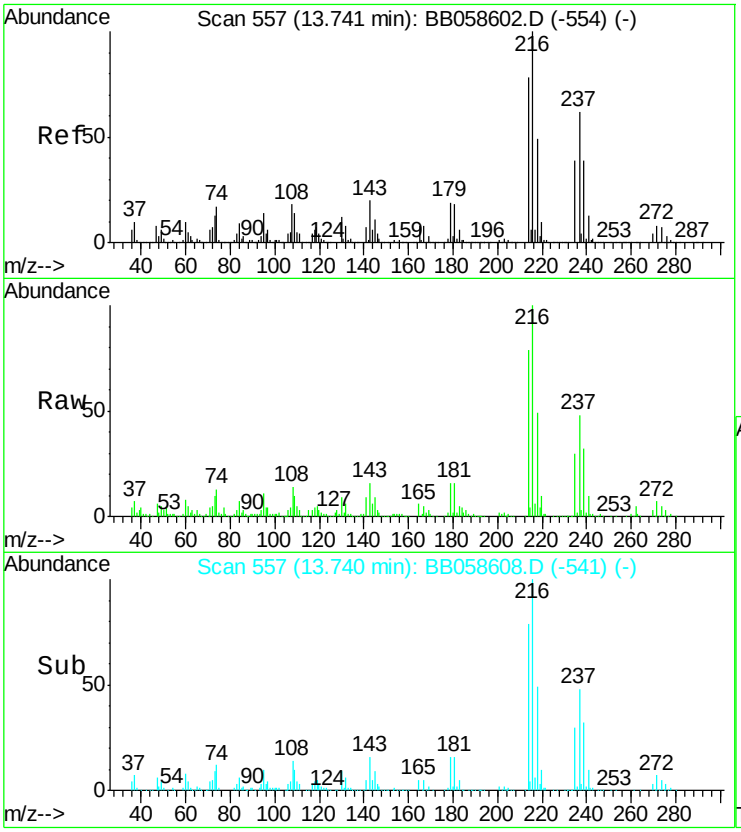


#36
1,2,4,5-Tetrachlorobenzene
Concen: 3.03 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:216 Resp: 106868

Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.8	97.2
179	15.6	16.7	25.1#
108	13.8	13.2	19.8

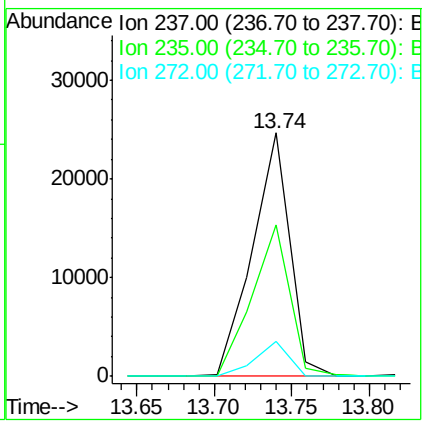




#37
Hexachlorocyclopentadiene
Concen: 1.88 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:237 Resp: 41955

Ion	Ratio	Lower	Upper
237	100		
235	58.7	49.6	74.4
272	13.8	10.4	15.6



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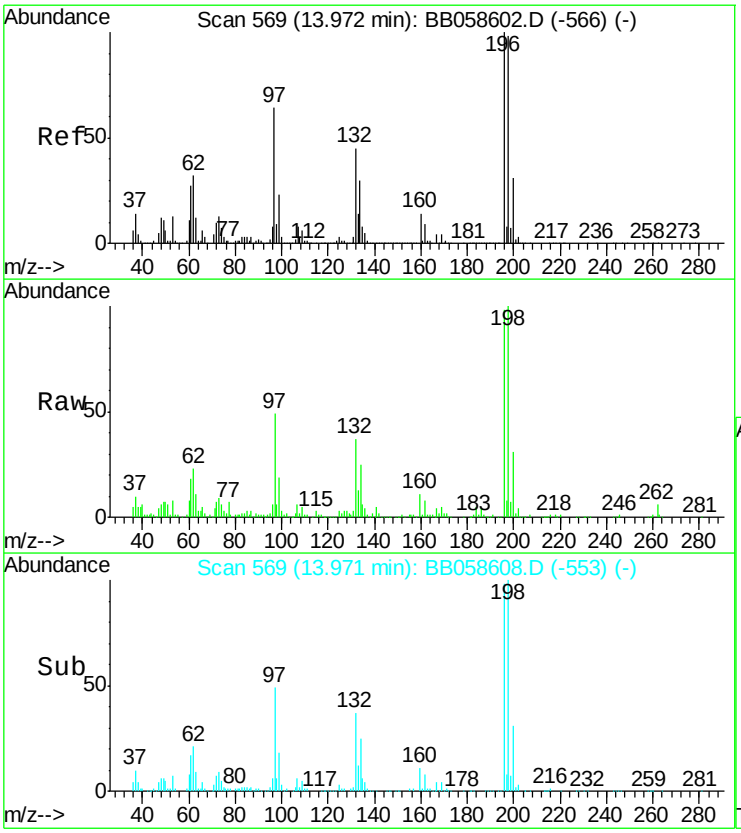
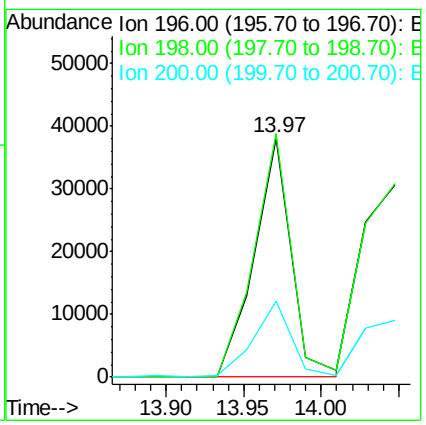
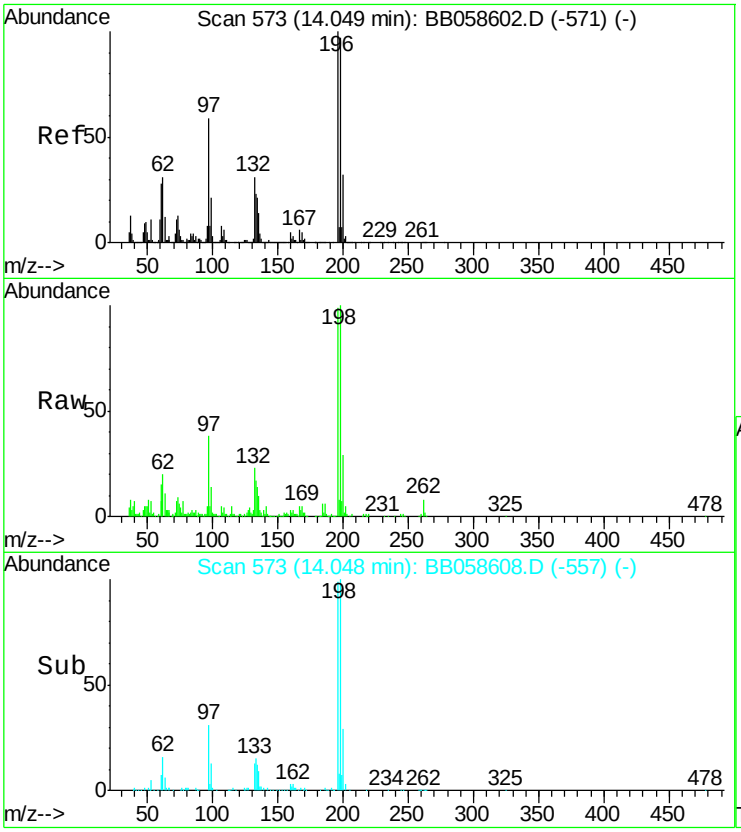


#38
2,4,6-Trichlorophenol
Concen: 2.99 ng/ul
RT: 13.97 min Scan# 569
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:196 Resp: 64038

Ion	Ratio	Lower	Upper
196	100		
198	102.0	76.9	115.3
200	32.0	25.1	37.7

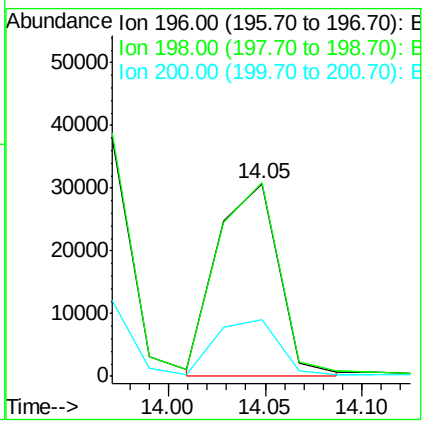




#39
2,4,5-Trichlorophenol
Concen: 2.95 ng/ul
RT: 14.05 min Scan# 573
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:196 Resp: 67037

Ion	Ratio	Lower	Upper
196	100		
198	100.8	76.8	115.2
200	29.2	27.0	40.4



Instrument :
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ClientSampleId :
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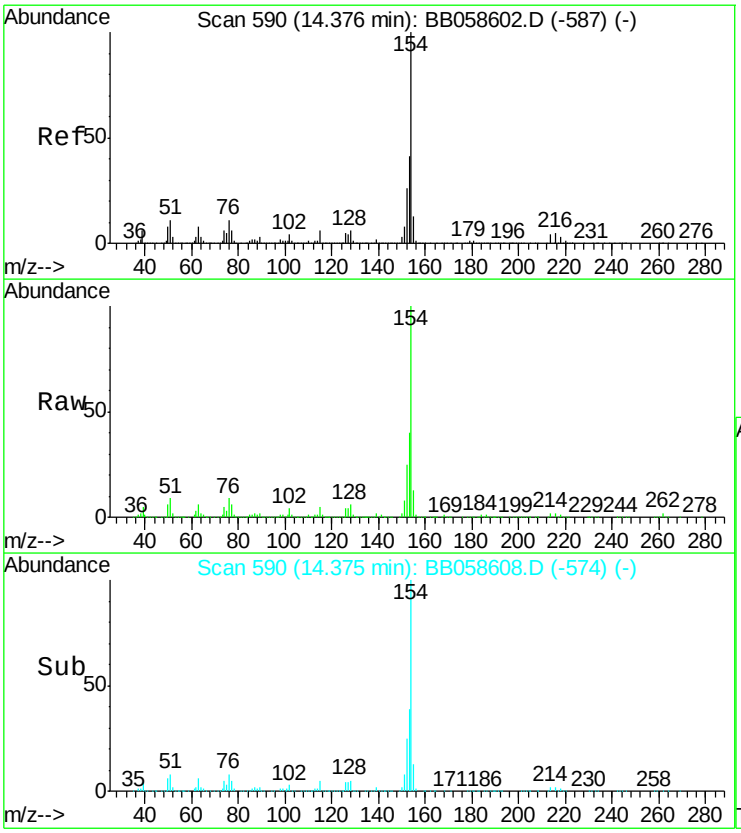
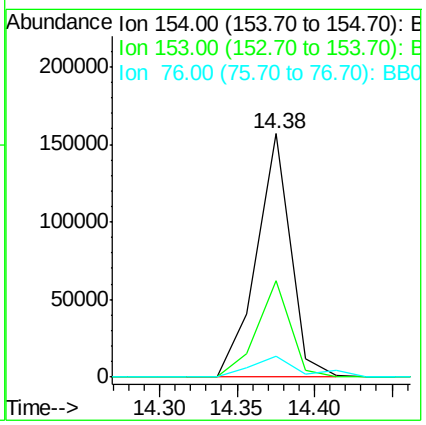
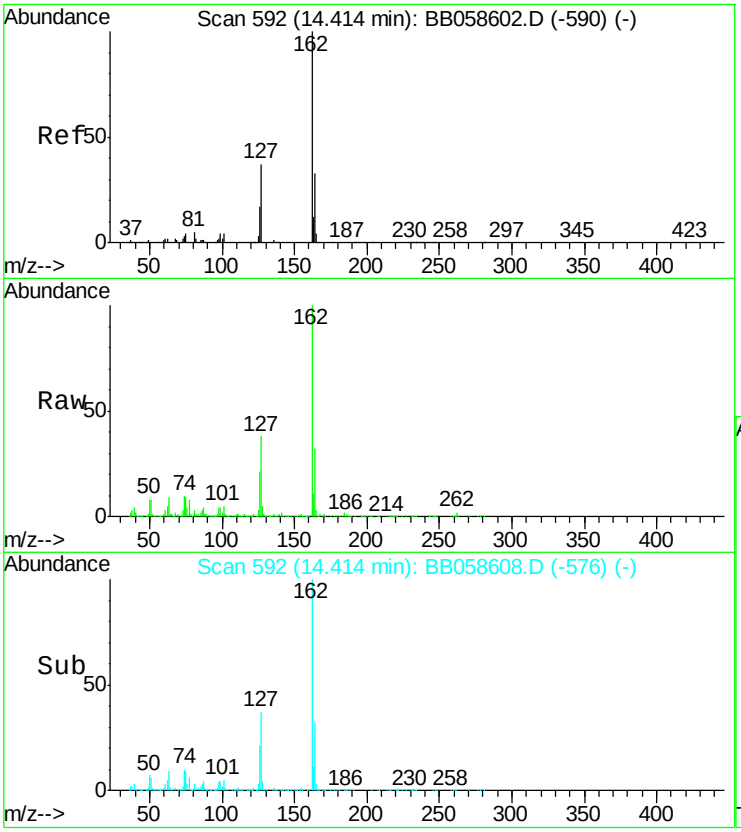


#40
1,1'-Biphenyl
Concen: 3.15 ng/ul
RT: 14.38 min Scan# 590
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:154 Resp: 242881

Ion	Ratio	Lower	Upper
154	100		
153	39.5	31.3	46.9
76	8.6	10.0	15.0#

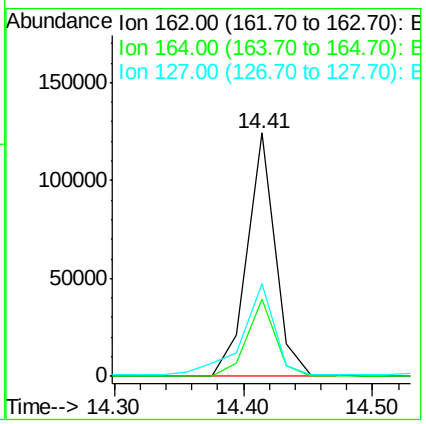




#41
2-Chloronaphthalene
Concen: 3.08 ng/ul
RT: 14.41 min Scan# 592
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:162 Resp: 189043

Ion	Ratio	Lower	Upper
162	100		
164	31.7	26.9	40.3
127	37.8	31.2	46.8



Instrument :
BNA_B
ClientSampleId :
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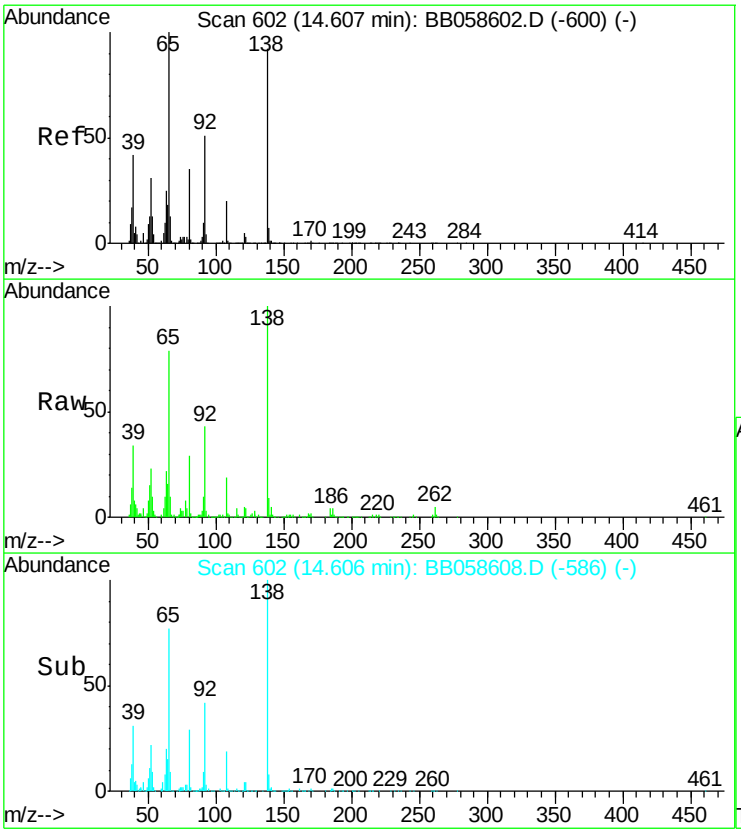
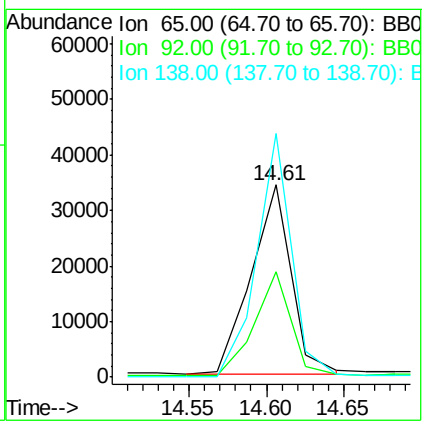
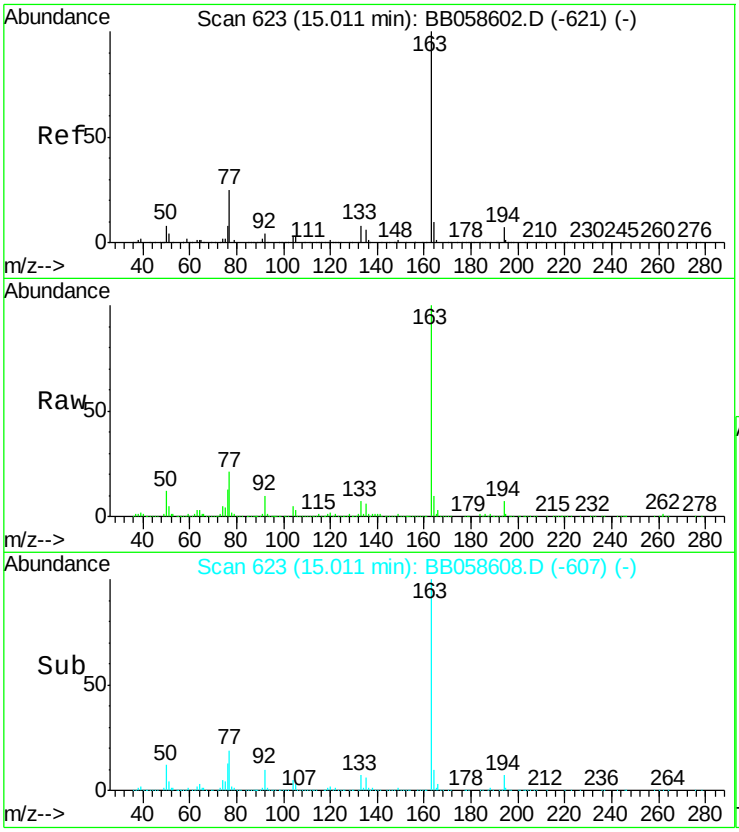


#42
2-Nitroaniline
Concen: 2.61 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion: 65 Resp: 61659

Ion	Ratio	Lower	Upper
65	100		
92	54.6	55.6	83.4#
138	126.7	81.3	121.9#

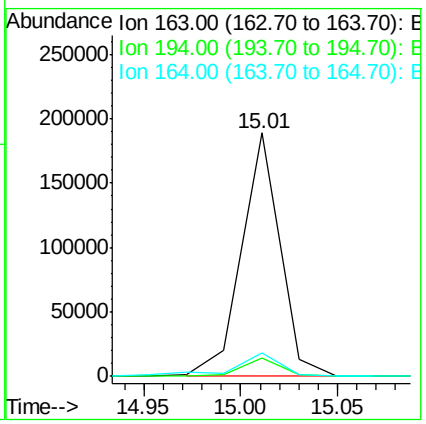




#44
Dimethylphthalate
Concen: 3.32 ng/ul
RT: 15.01 min Scan# 623
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:163 Resp: 253986

Ion	Ratio	Lower	Upper
163	100		
194	7.5	3.4	5.2#
164	9.7	7.8	11.8



Instrument :
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ClientSampleId :
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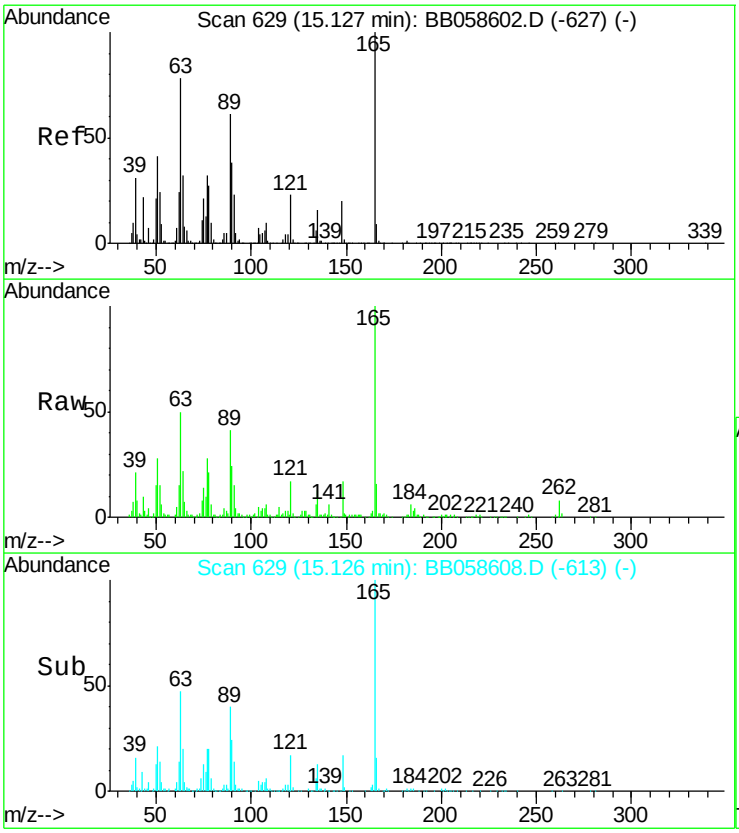
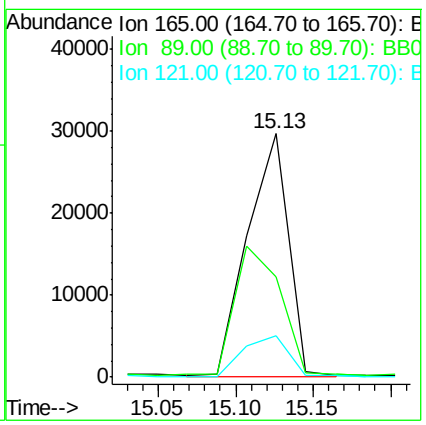
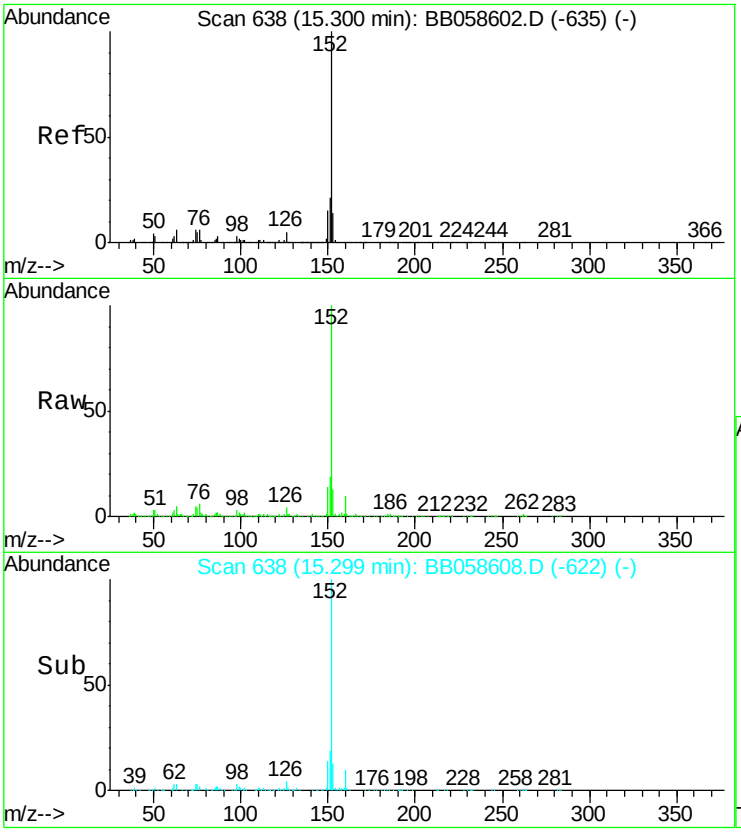


#45
2,6-Dinitrotoluene
Concen: 2.86 ng/ul
RT: 15.13 min Scan# 629
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:165 Resp: 55164

Ion	Ratio	Lower	Upper
165	100		
89	40.9	46.6	69.8#
121	17.2	16.0	24.0

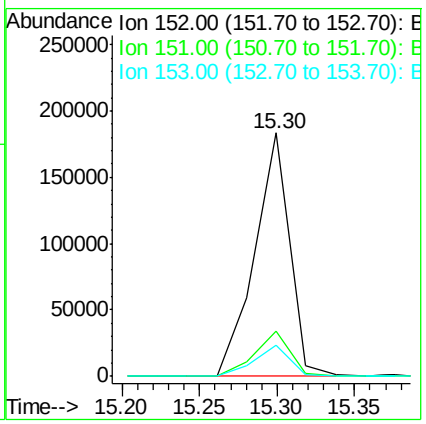




#47
Acenaphthylene
Concen: 3.32 ng/ul
RT: 15.30 min Scan# 638
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:152 Resp: 290425

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.0	24.0
153	12.9	11.0	16.6



Instrument :
BNA_B
ClientSampleId :
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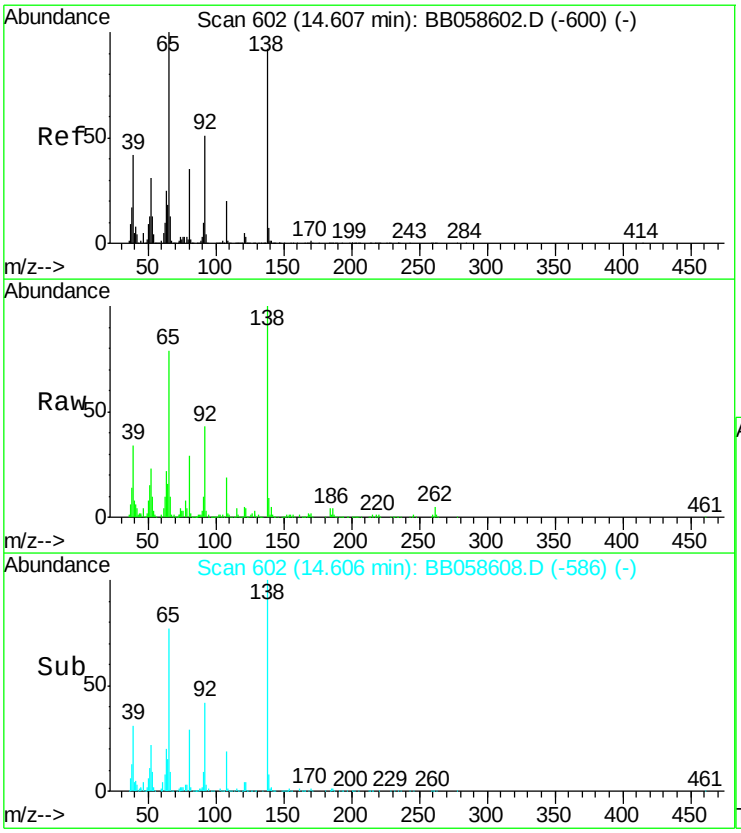
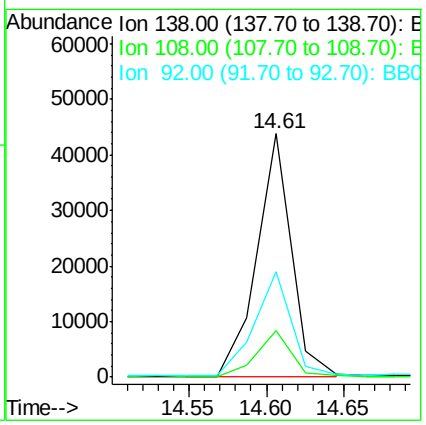
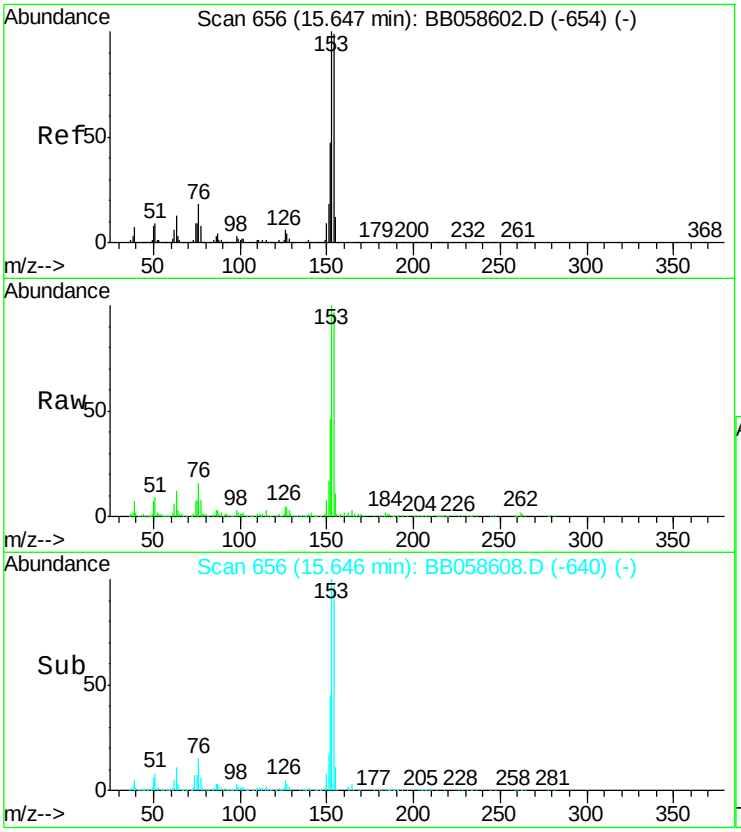


#48
3-Nitroaniline
Concen: 2.72 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:138 Resp: 68654

Ion	Ratio	Lower	Upper
138	100		
108	19.0	9.4	14.0#
92	43.1	96.6	145.0#

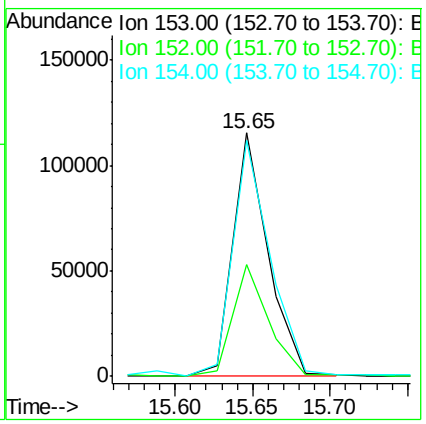




#49
Acenaphthene
Concen: 3.05 ng/ul
RT: 15.65 min Scan# 656
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:153 Resp: 183258

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.8	56.6
154	96.9	71.4	107.0



Instrument :
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ClientSampleId :
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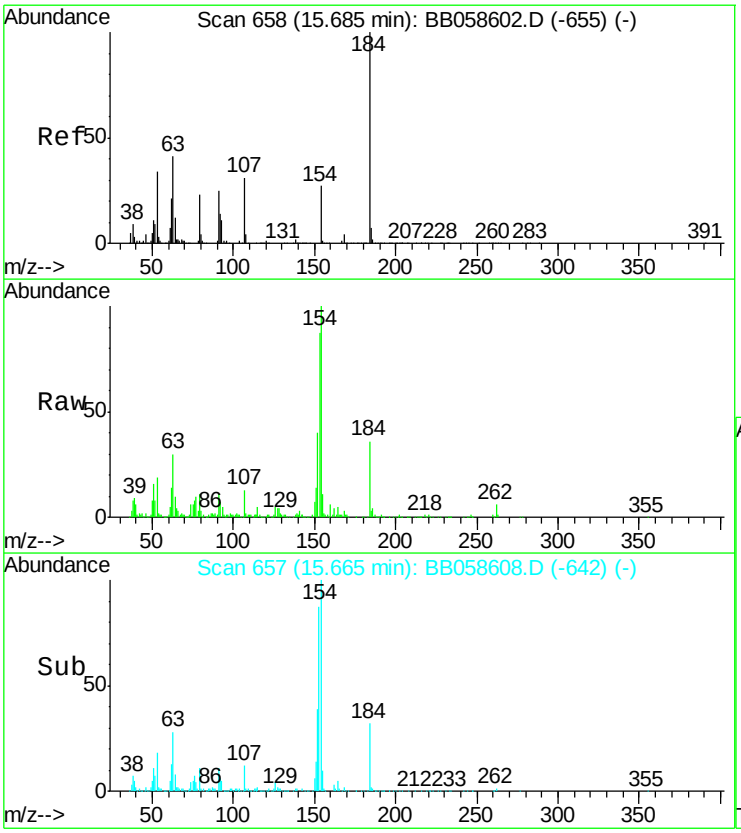
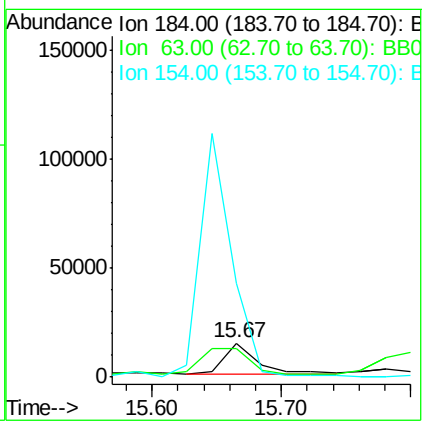
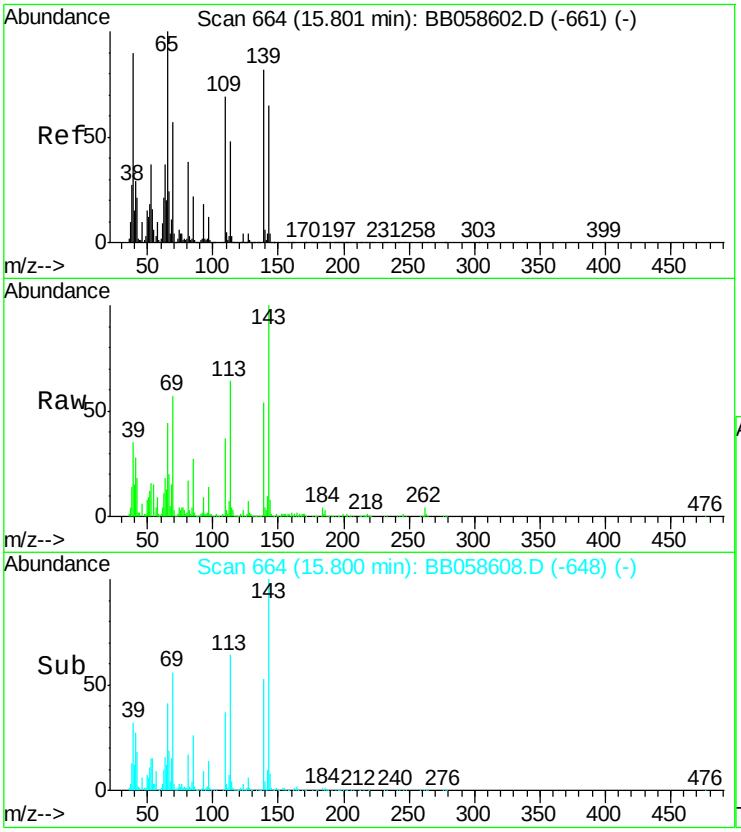


#50
2,4-Dinitrophenol
Concen: 1.77 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:184 Resp: 24388

Ion	Ratio	Lower	Upper
184	100		
63	83.8	43.4	65.0#
154	276.3	48.2	72.4#

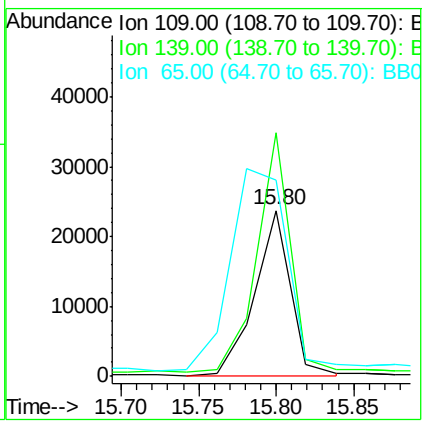




#52
4-Nitrophenol
Concen: 2.70 ng/ul
RT: 15.80 min Scan# 664
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:109 Resp: 38480

Ion	Ratio	Lower	Upper
109	100		
139	146.6	88.7	133.1#
65	117.8	96.4	144.6



Instrument :
BNA_B
ClientSampleId :
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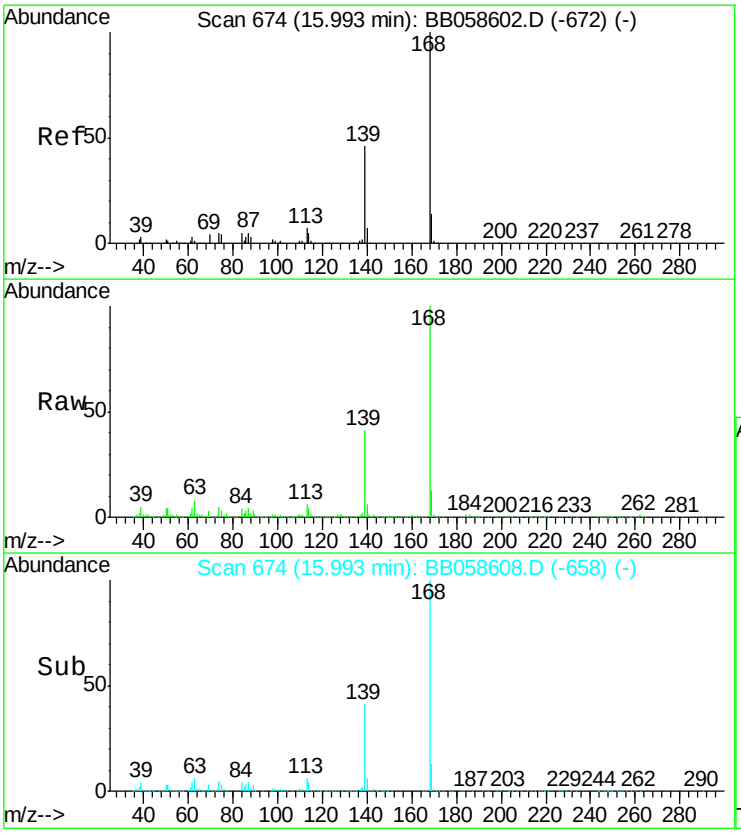
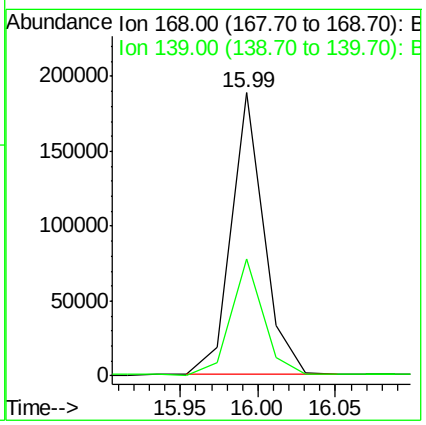
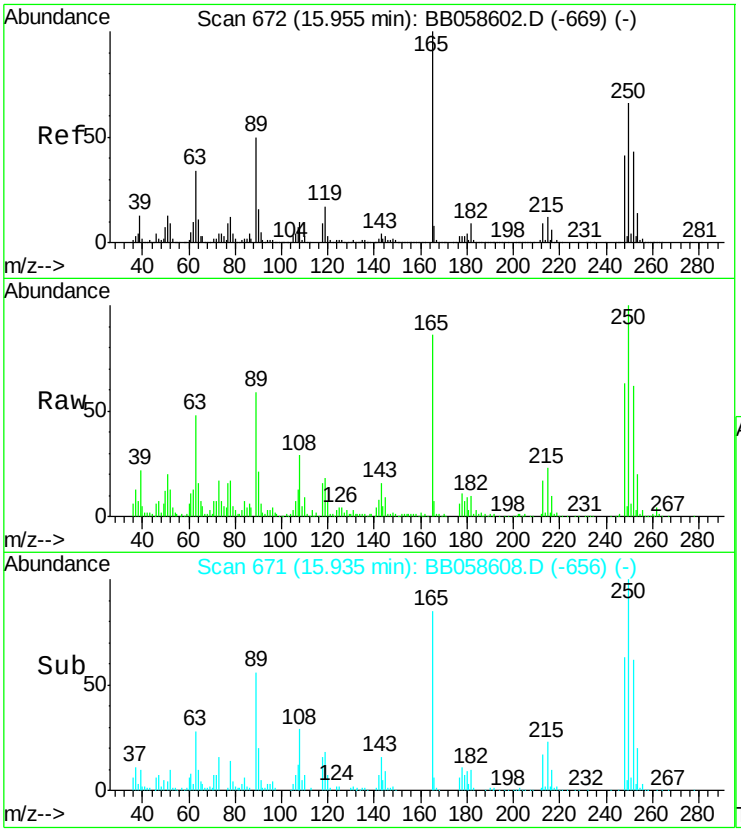


#53
Dibenzofuran
Concen: 3.26 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:168 Resp: 278537

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.1	45.1

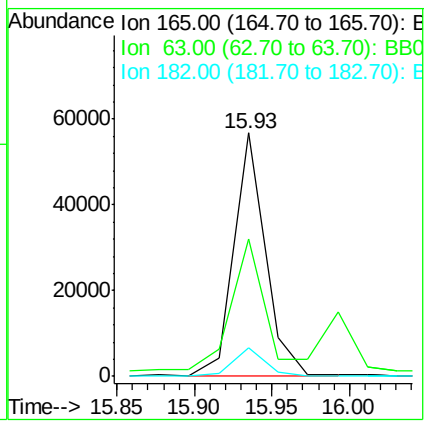




#54
2,4-Dinitrotoluene
Concen: 3.01 ng/ul
RT: 15.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:165 Resp: 80962

Ion	Ratio	Lower	Upper
165	100		
63	56.3	36.2	54.2#
182	11.5	2.2	3.4#



Instrument :
BNA_B
ClientSampleId :
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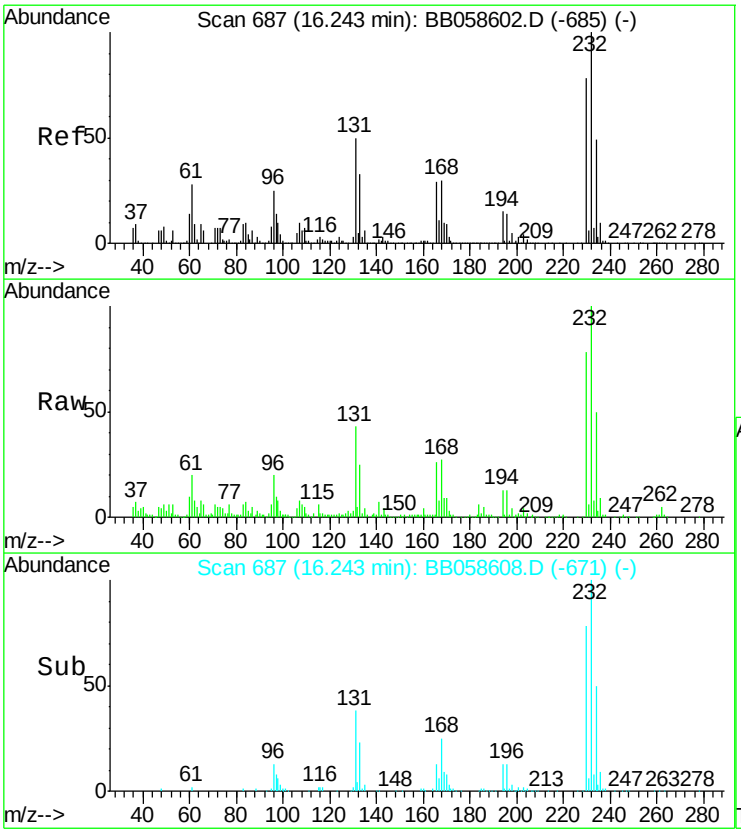
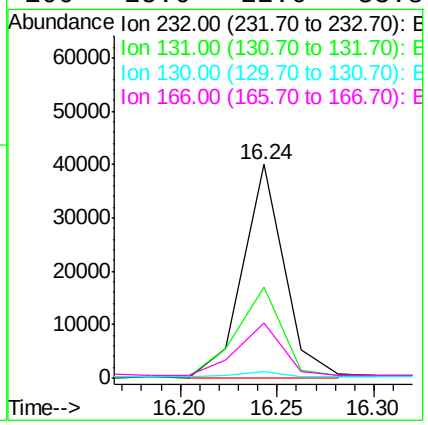
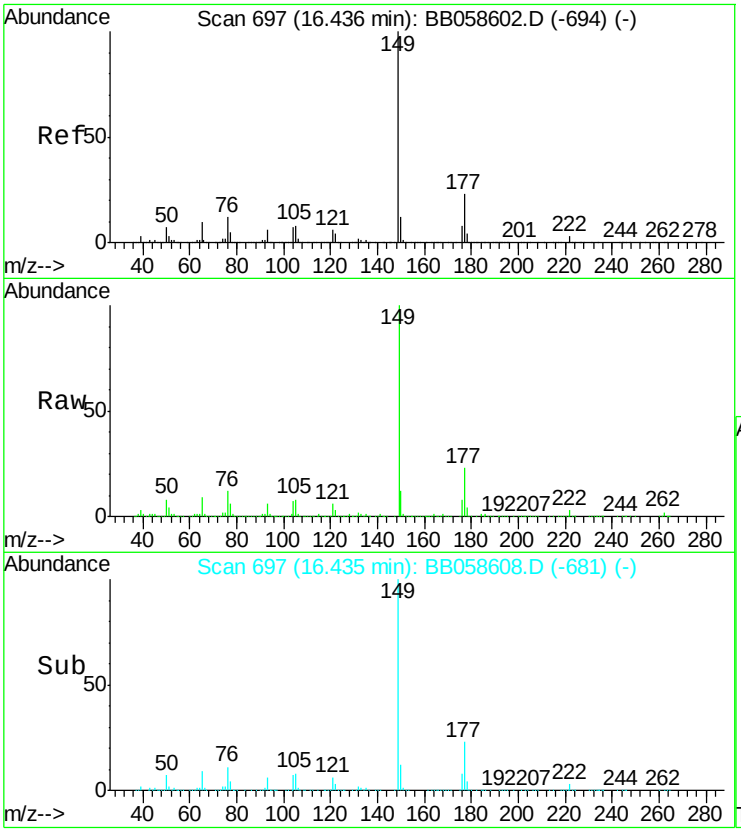


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.97 ng/ul
RT: 16.24 min Scan# 687
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:232 Resp: 59058

Ion	Ratio	Lower	Upper
232	100		
131	42.7	31.4	47.0
130	3.3	1.6	2.4#
166	25.6	22.6	33.8

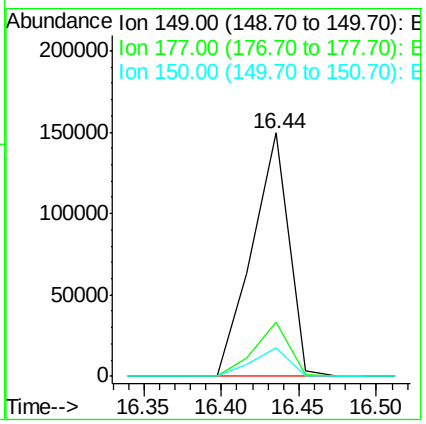




#56
Diethylphthalate
Concen: 3.17 ng/ul
RT: 16.44 min Scan# 697
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:149 Resp: 251290

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.6	28.0
150	11.5	10.0	15.0



Instrument :
BNA_B
ClientSampleId :
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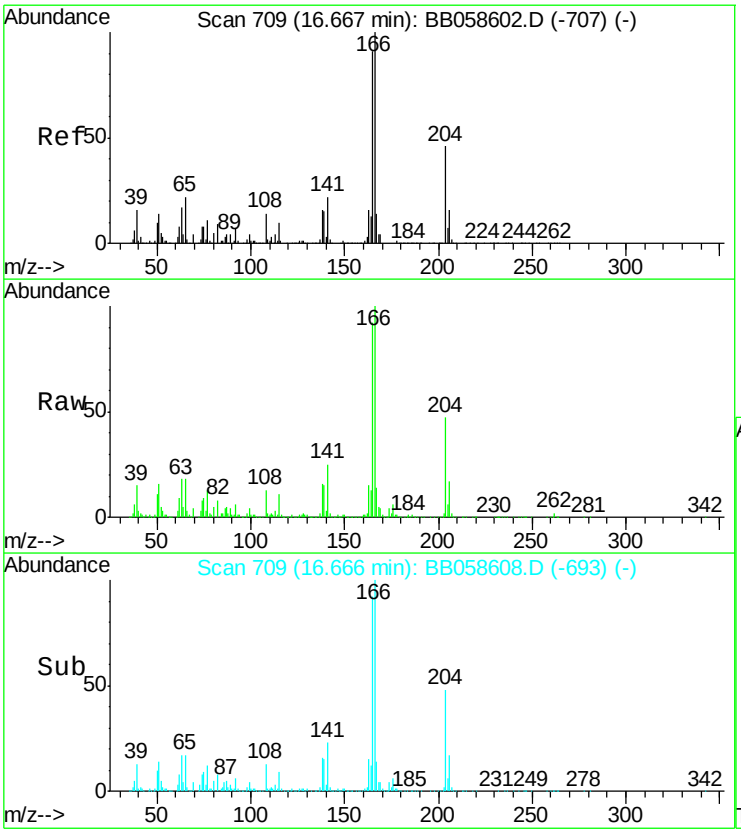
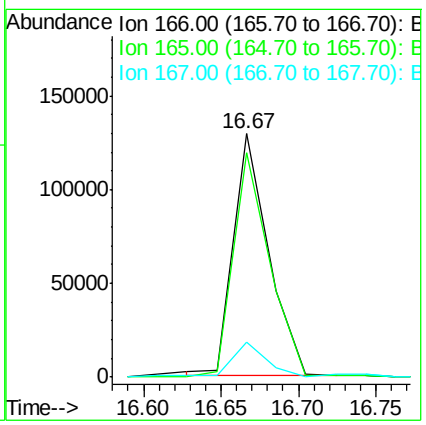
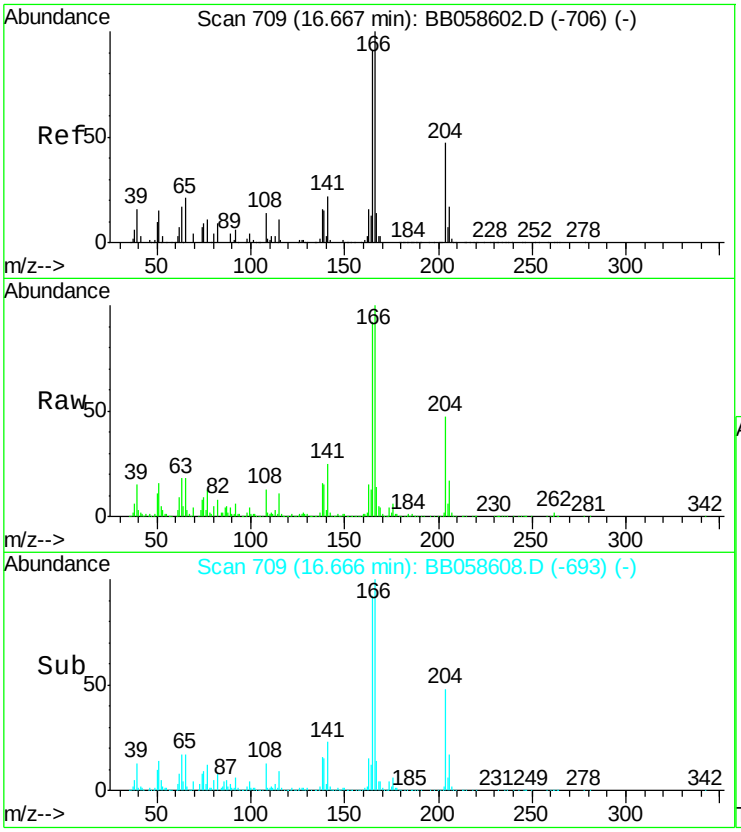


#58
Fluorene
Concen: 2.93 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:166 Resp: 203919

Ion	Ratio	Lower	Upper
166	100		
165	92.2	79.9	119.9
167	14.2	10.5	15.7

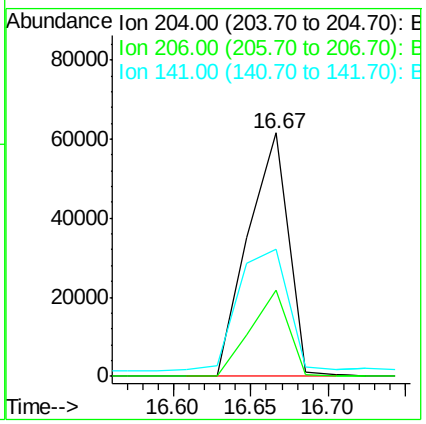




#59
4-Chlorophenyl-phenylether
Concen: 3.02 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:204 Resp: 112997

Ion	Ratio	Lower	Upper
204	100		
206	35.4	25.9	38.9
141	52.2	46.1	69.1



Instrument :
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ClientSampleId :
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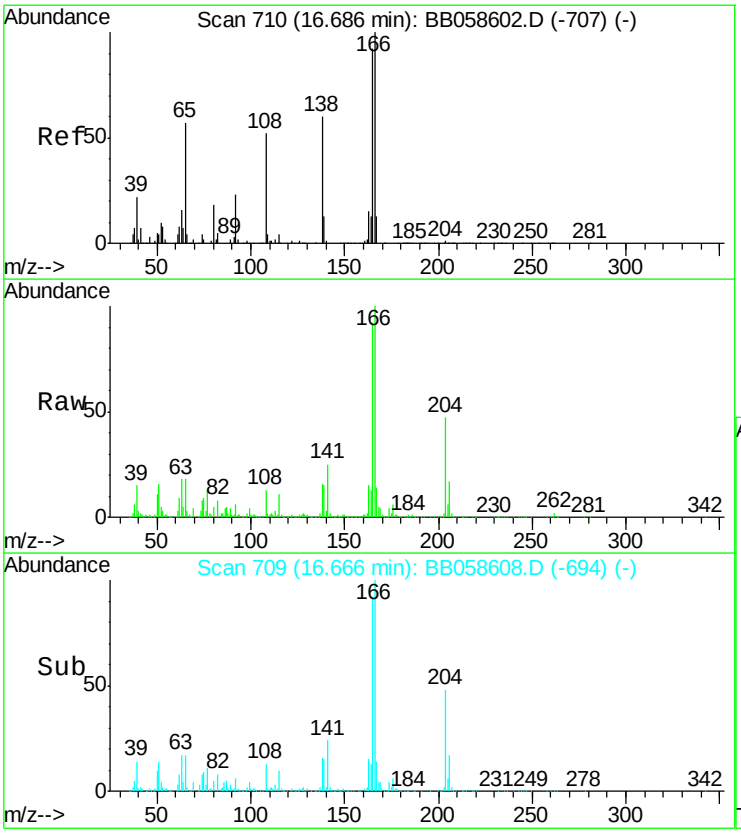
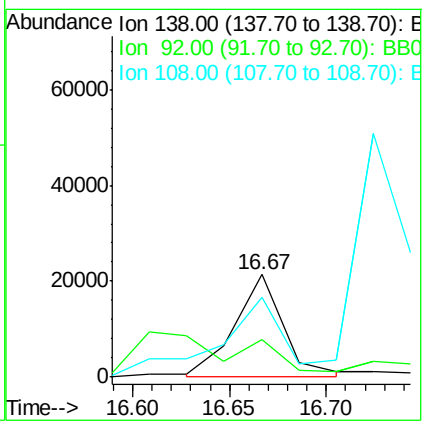
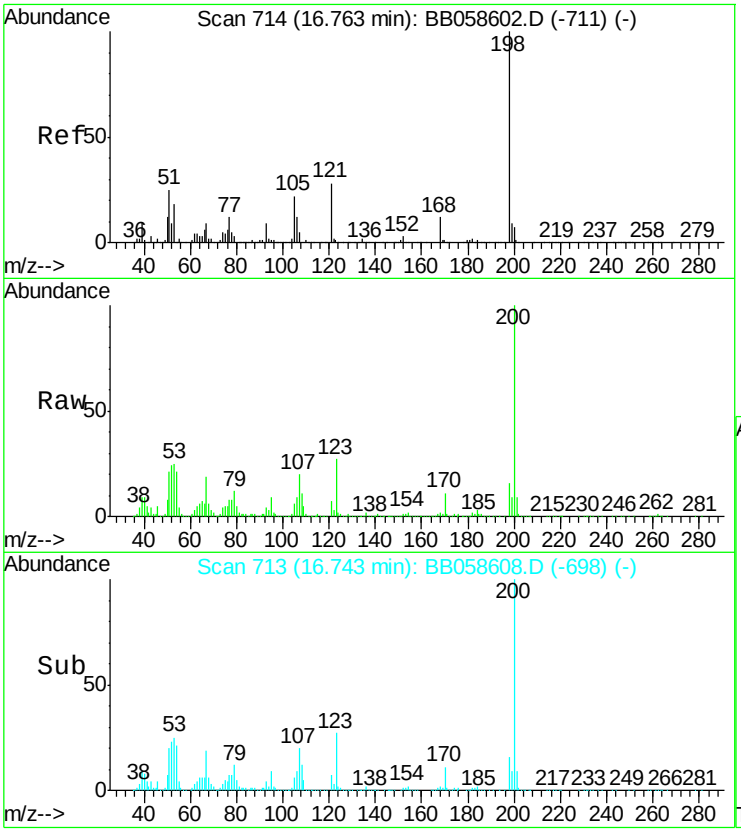


#60
4-Nitroaniline
Concen: 1.83 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:138 Resp: 36483

Ion	Ratio	Lower	Upper
138	100		
92	37.0	43.5	65.3#
108	78.2	80.3	120.5#





#63
4,6-Dinitro-2-methylphenol
Concen: 2.74 ng/ul
RT: 16.74 min Scan# 713
Delta R.T. -0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:198 Resp: 52683

Ion	Ratio	Lower	Upper
198	100		
182	9.6	3.3	4.9#
77	51.3	21.8	32.6#

Instrument :
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ClientSampleId :
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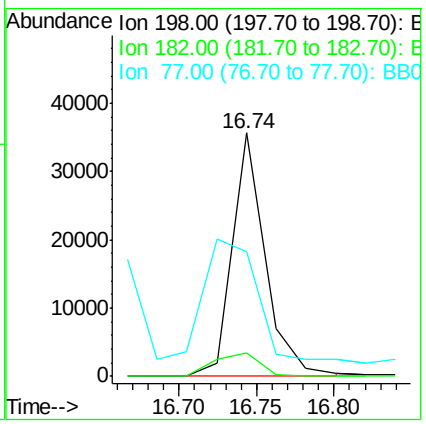
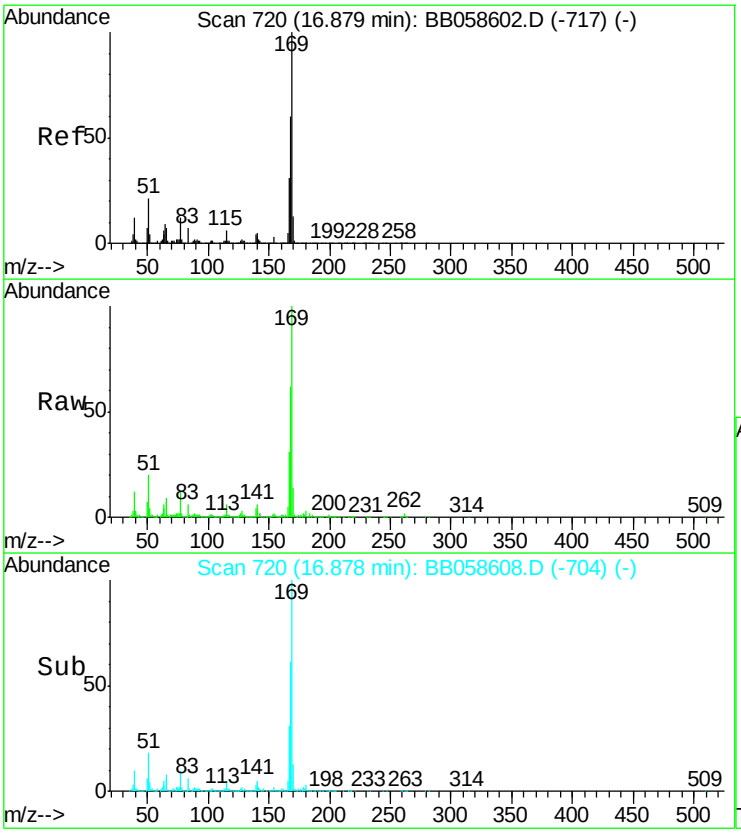
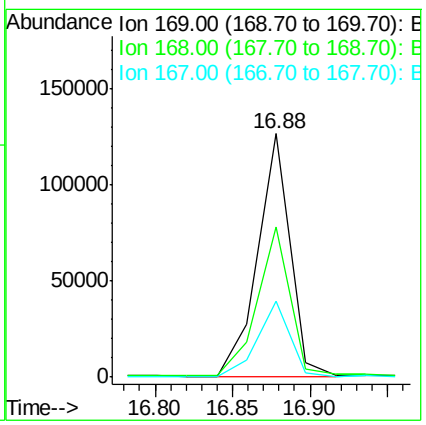


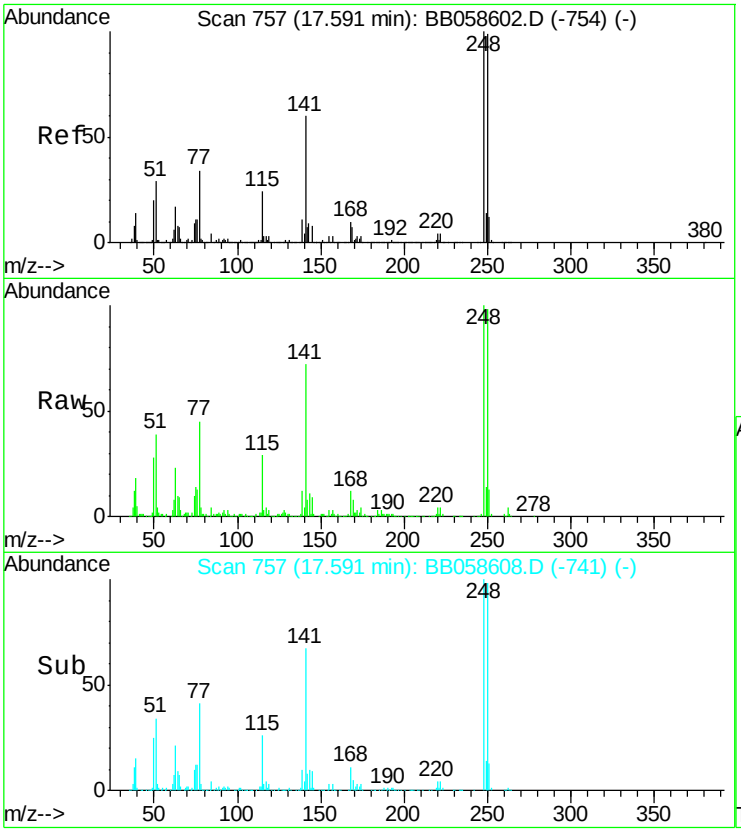


#64
N-Nitrosodiphenylamine
Concen: 3.19 ng/ul
RT: 16.88 min Scan# 720
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:169 Resp: 186800

Ion	Ratio	Lower	Upper
169	100		
168	61.7	52.6	79.0
167	31.0	28.6	43.0

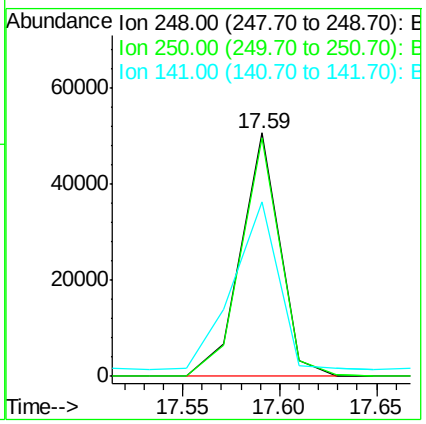




#65
4-Bromophenyl-phenylether
Concen: 3.03 ng/ul
RT: 17.59 min Scan# 757
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:248 Resp: 70329

Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.7	119.5
141	71.6	58.3	87.5



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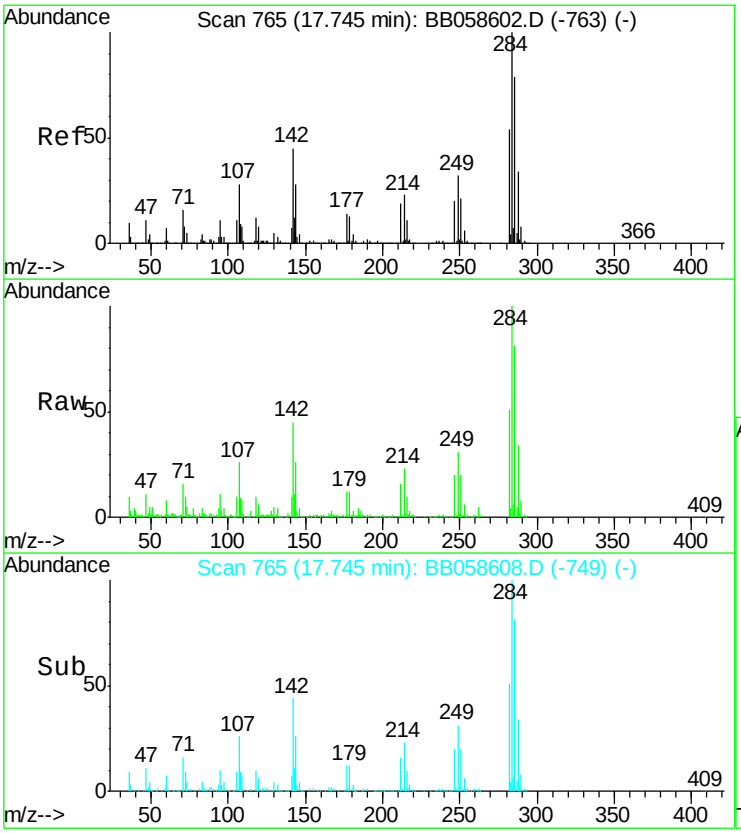
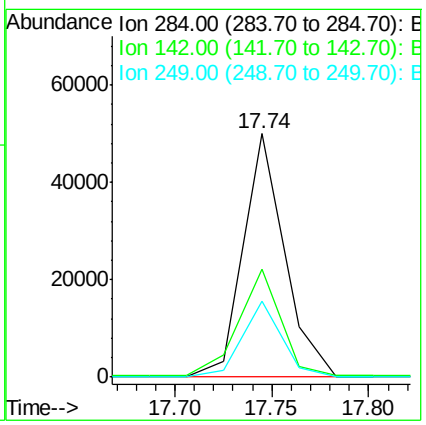
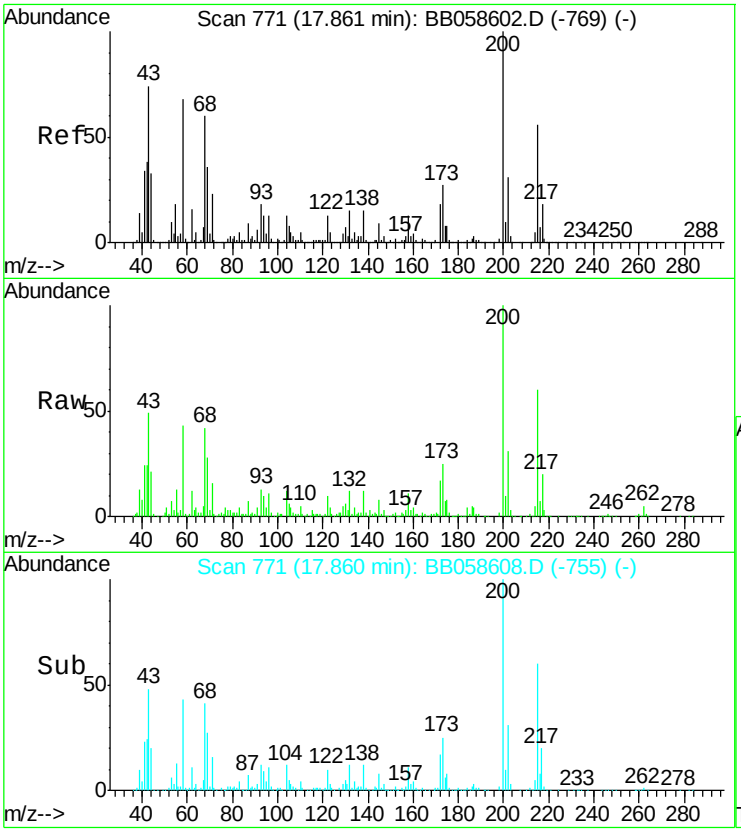


#66
Hexachlorobenzene
Concen: 3.15 ng/ul
RT: 17.74 min Scan# 765
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:284 Resp: 73353

Ion	Ratio	Lower	Upper
284	100		
142	42.0	24.9	37.3#
249	29.7	25.5	38.3

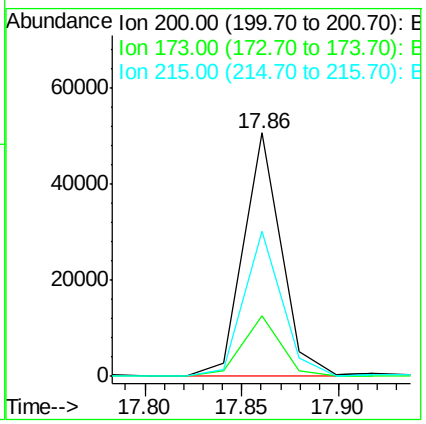




#67
Atrazine
Concen: 3.04 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:200 Resp: 67849

Ion	Ratio	Lower	Upper
200	100		
173	25.0	18.9	28.3
215	59.7	39.5	59.3#



Instrument :
BNA_B
ClientSampleId :
MDL-05-S

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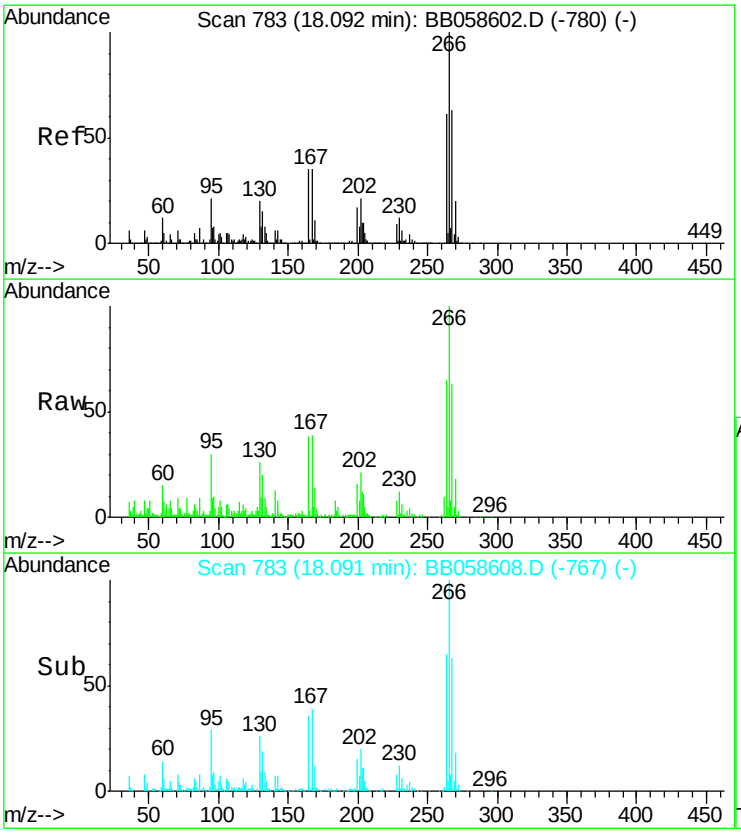
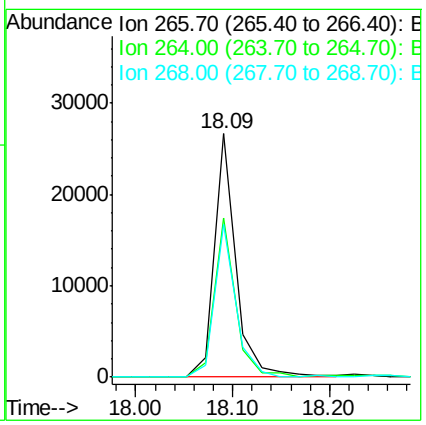
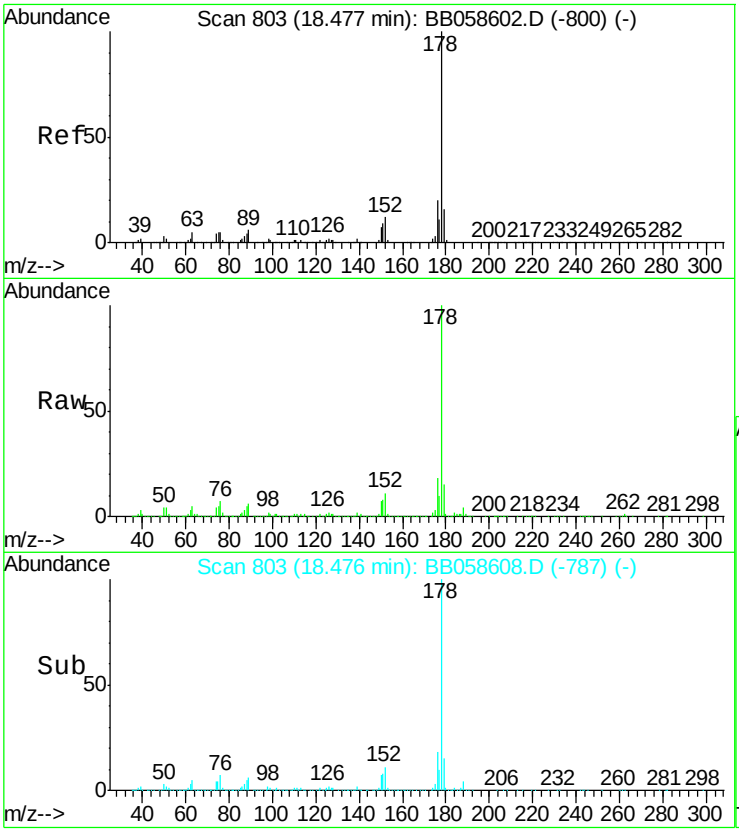


#68
Pentachlorophenol
Concen: 2.51 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:266 Resp: 41331

Ion	Ratio	Lower	Upper
266	100		
264	65.4	50.6	75.8
268	62.6	51.0	76.6

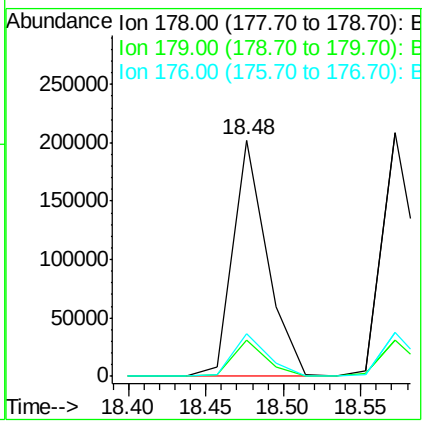




#69
Phenanthrene
Concen: 3.46 ng/ul
RT: 18.48 min Scan# 803
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:178 Resp: 311956

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.3	15.1	22.7



Instrument :
BNA_B
ClientSampleId :
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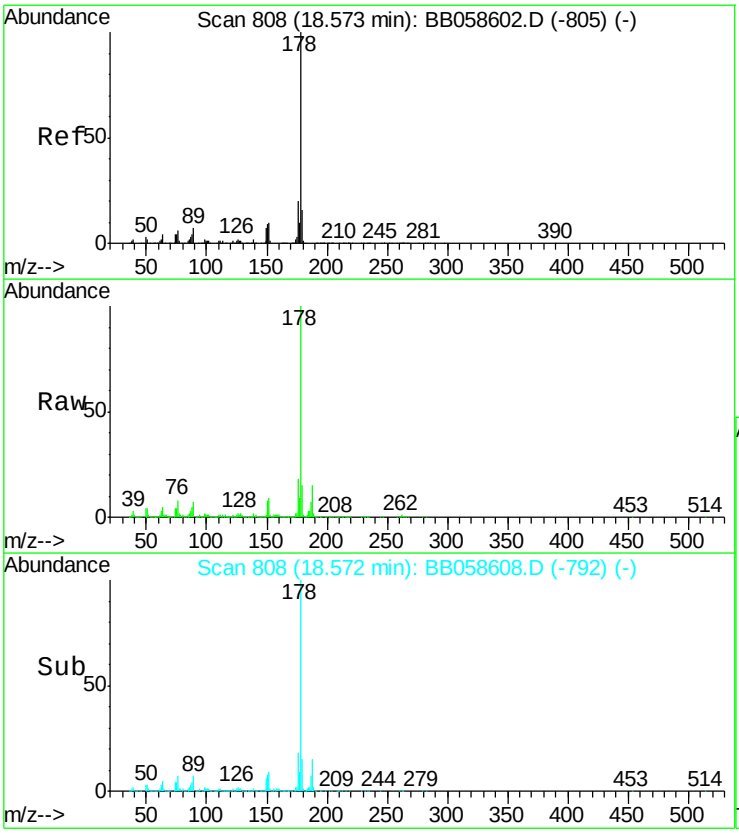
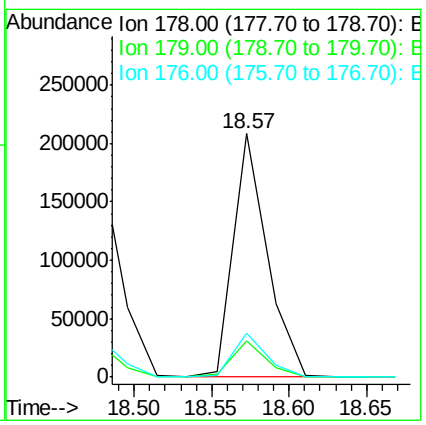
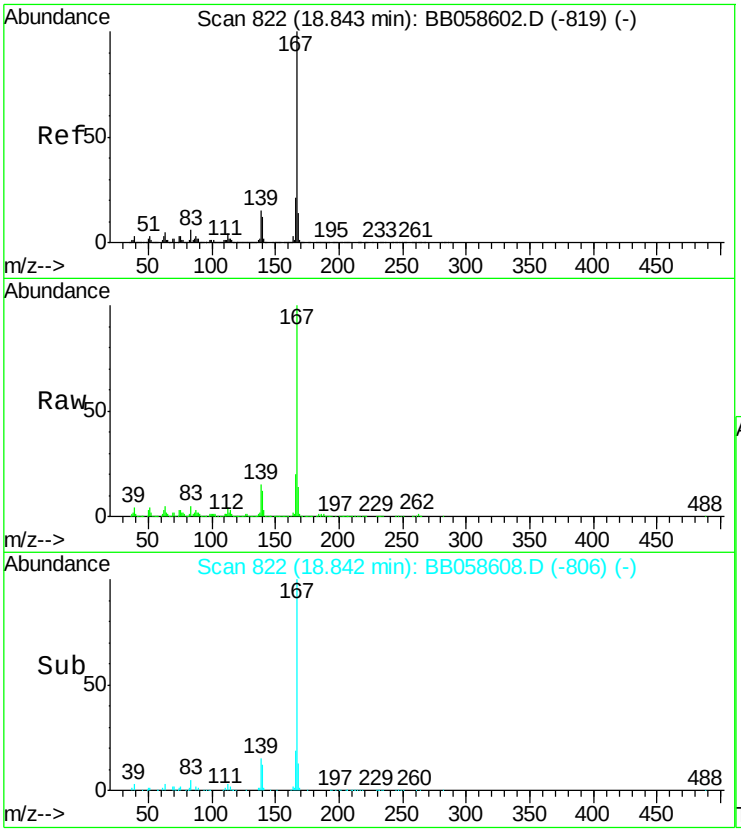


#71
Anthracene
Concen: 3.45 ng/ul
RT: 18.57 min Scan# 808
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:178 Resp: 317817

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.1	18.1
176	17.9	14.5	21.7

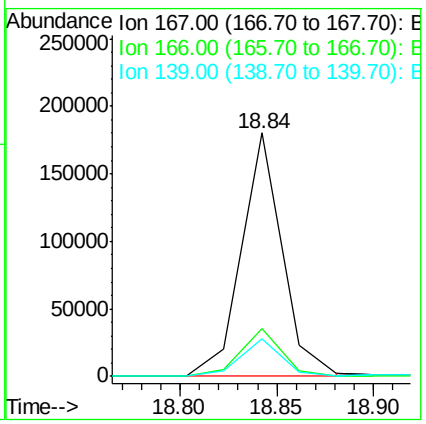




#72
Carbazole
Concen: 3.37 ng/ul
RT: 18.84 min Scan# 822
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:167 Resp: 259415

Ion	Ratio	Lower	Upper
167	100		
166	19.6	16.6	25.0
139	15.3	10.2	15.4



Instrument :
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ClientSampleId :
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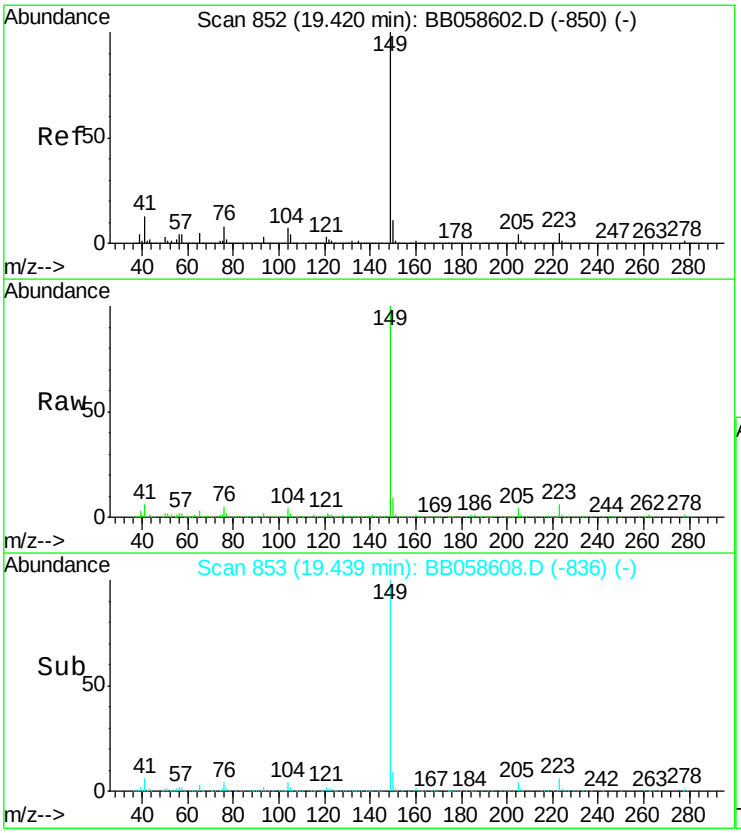
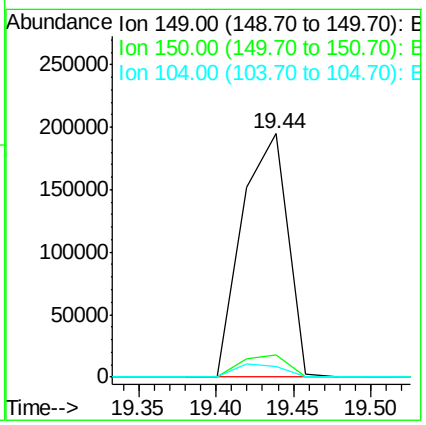
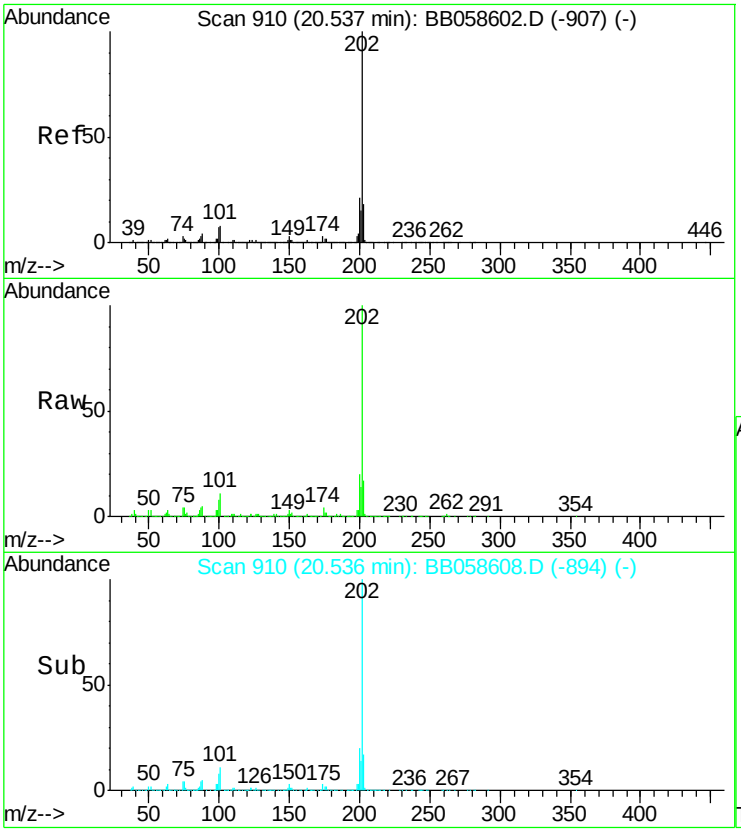


#73
Di-n-butylphthalate
Concen: 3.21 ng/ul
RT: 19.44 min Scan# 853
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:149 Resp: 403607

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.6	11.4
104	4.4	4.6	7.0#

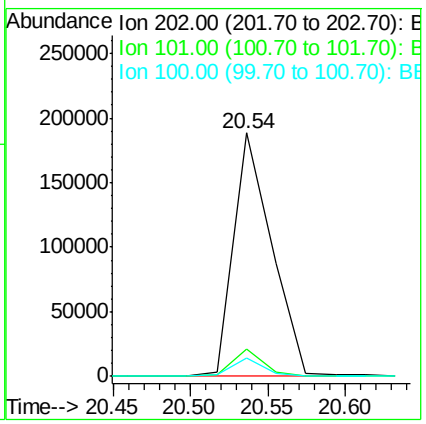




#74
Fluoranthene
Concen: 3.53 ng/ul
RT: 20.54 min Scan# 910
Delta R.T. -0.00 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:202 Resp: 324912

Ion	Ratio	Lower	Upper
202	100		
101	11.2	6.9	10.3#
100	7.7	5.4	8.0



Instrument :
BNA_B
ClientSampleId :
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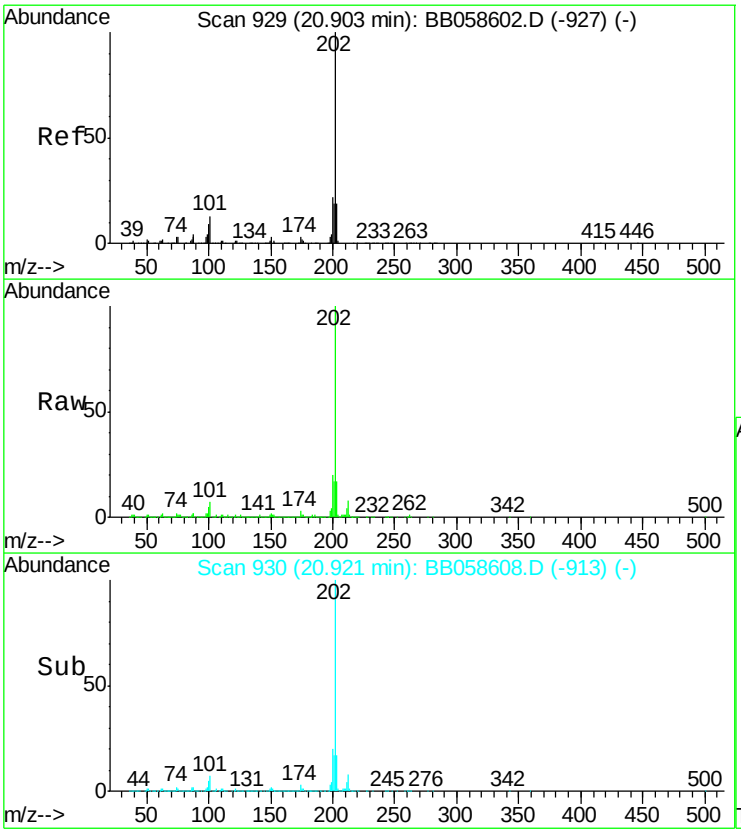
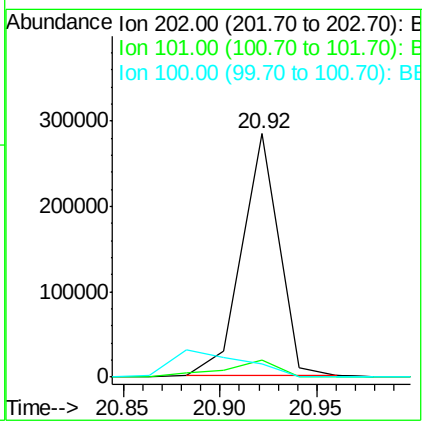
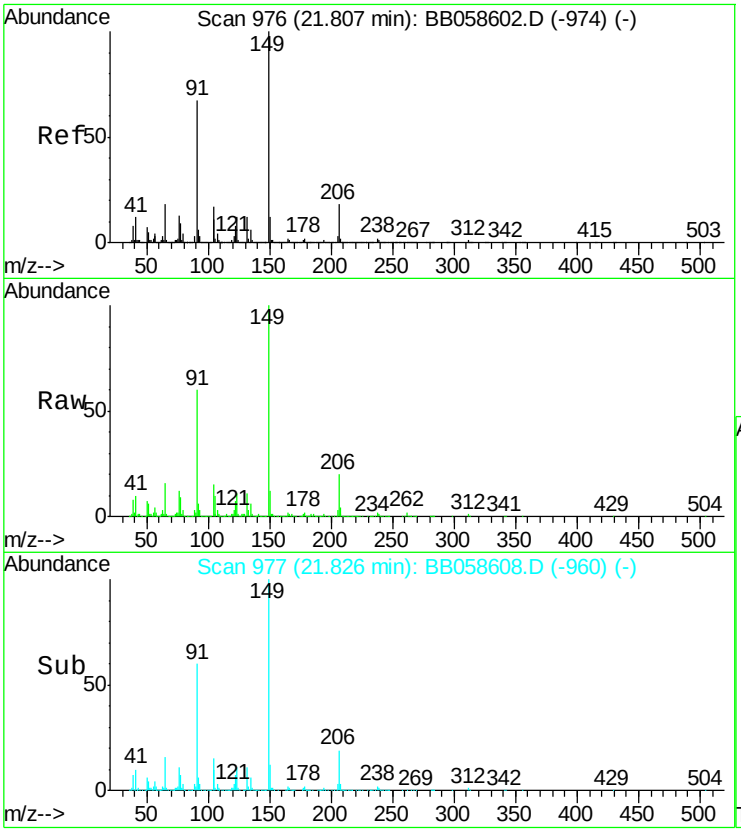


#77
Pyrene
Concen: 3.68 ng/ul
RT: 20.92 min Scan# 930
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:202 Resp: 372591

Ion	Ratio	Lower	Upper
202	100		
101	7.2	8.4	12.6#
100	5.5	6.9	10.3#

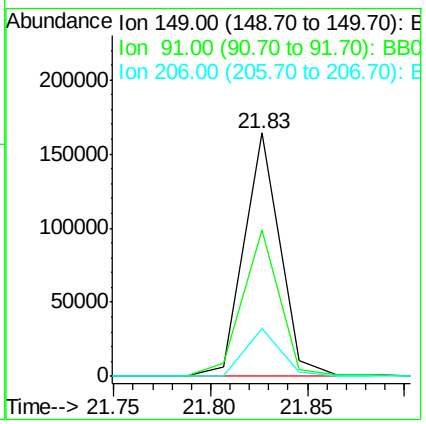




#78
Butylbenzylphthalate
Concen: 3.20 ng/ul
RT: 21.83 min Scan# 977
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:149 Resp: 209751

Ion	Ratio	Lower	Upper
149	100		
91	60.0	57.3	85.9
206	19.5	18.6	27.8



Instrument :
BNA_B
ClientSampleId :
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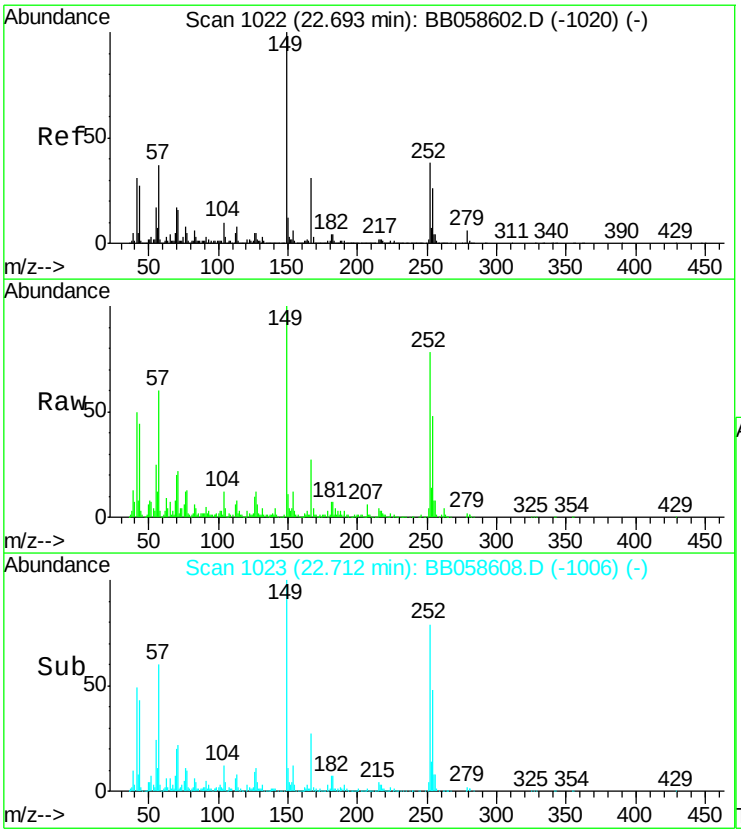
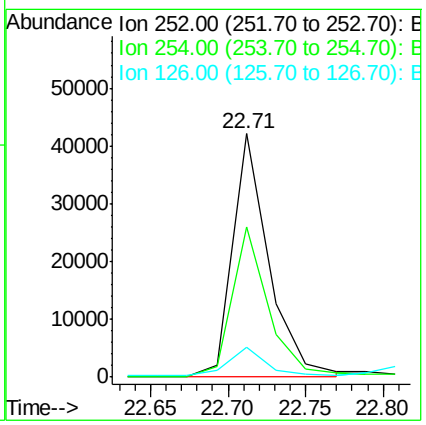
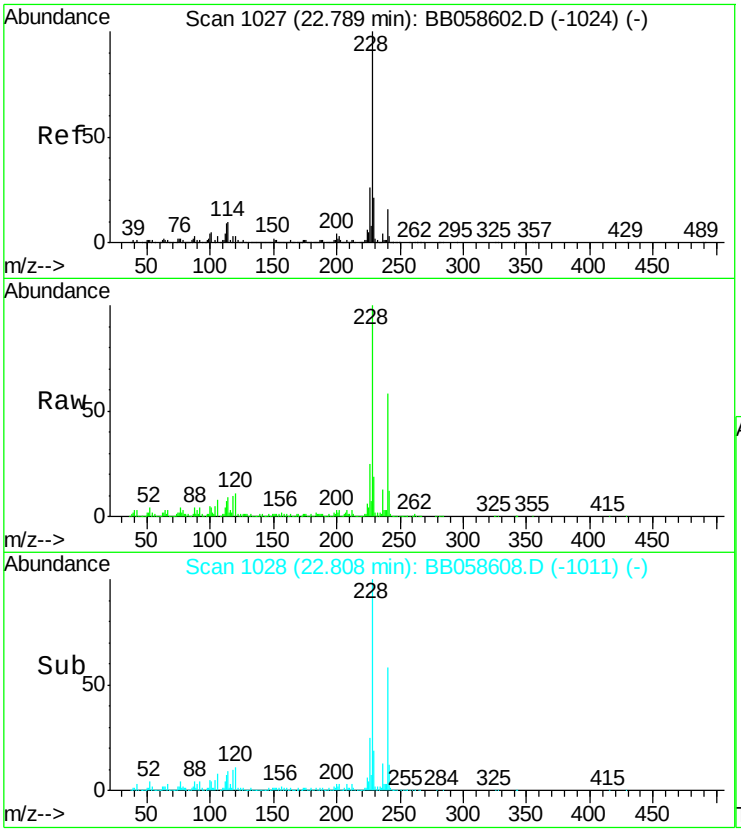


#79
3,3'-Dichlorobenzidine
Concen: 2.02 ng/ul
RT: 22.71 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:252 Resp: 69245

Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.0	76.4
126	12.5	7.1	10.7#

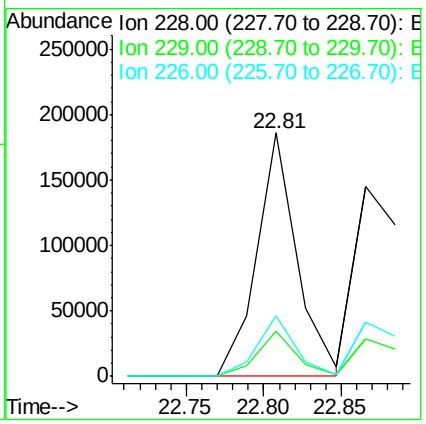




#80
Benzo(a)anthracene
Concen: 3.42 ng/ul
RT: 22.81 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:228 Resp: 337154

Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.6	23.4
226	24.7	21.8	32.8



Instrument :
BNA_B
ClientSampleId :
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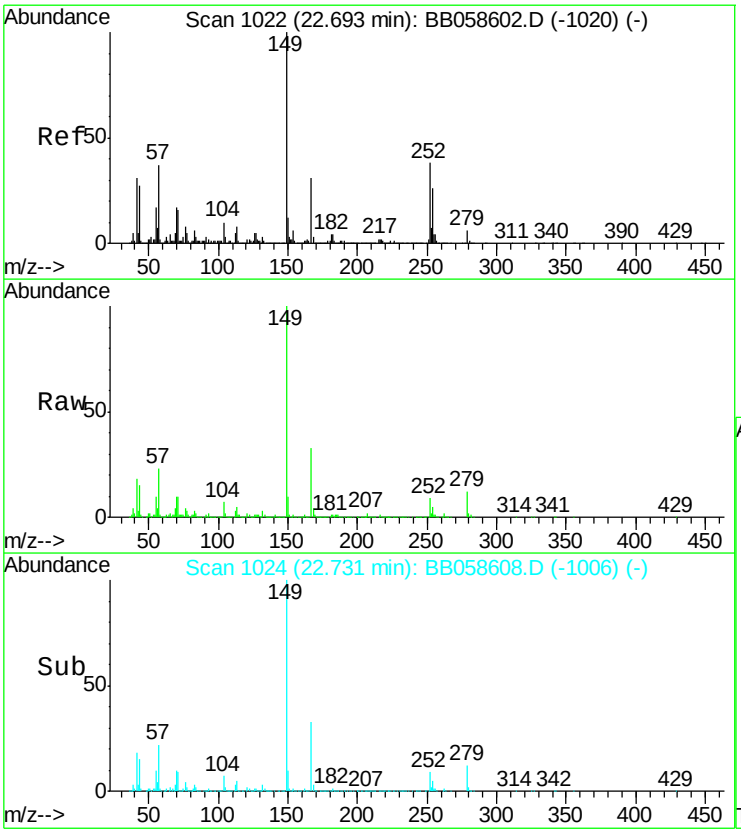
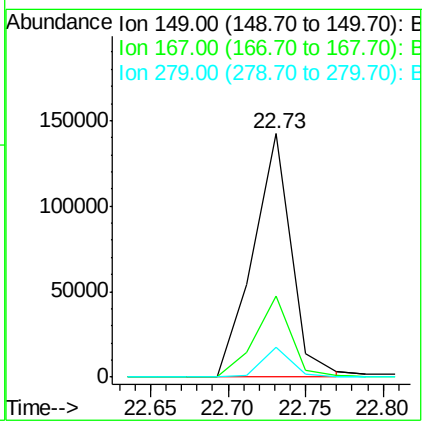
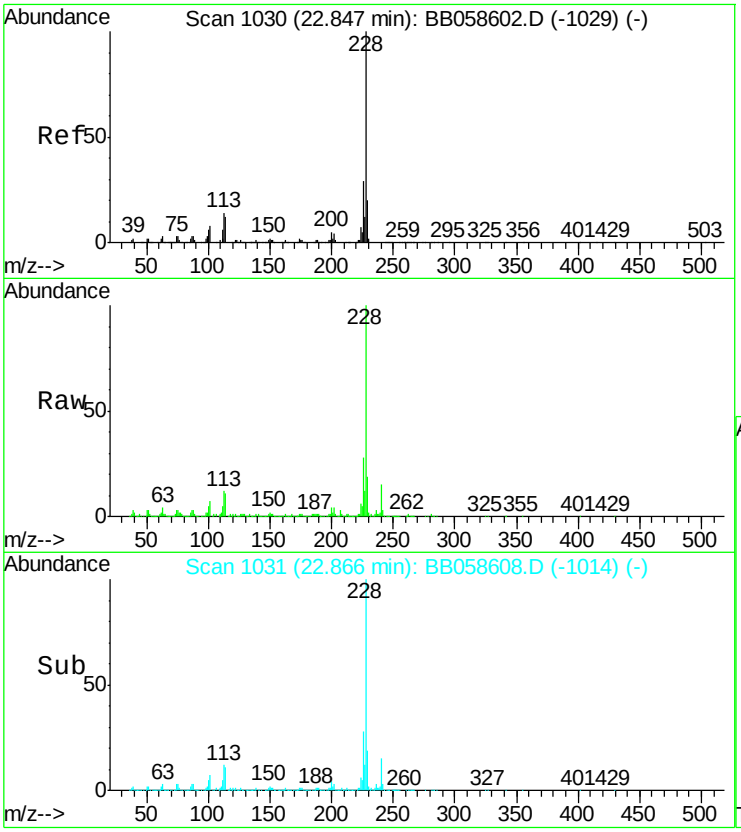


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.82 ng/ul
RT: 22.73 min Scan# 1024
Delta R.T. 0.04 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:149 Resp: 246211

Ion	Ratio	Lower	Upper
149	100		
167	33.4	23.2	34.8
279	12.3	4.1	6.1#

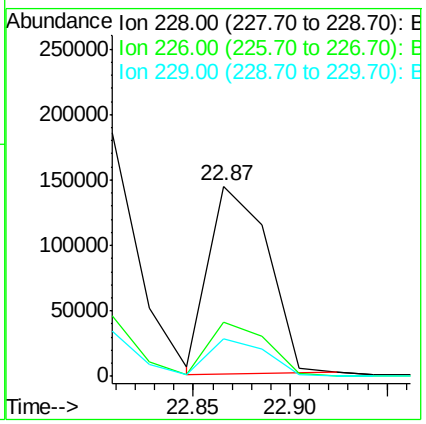




#82
Chrysene
Concen: 3.26 ng/ul
RT: 22.87 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:228 Resp: 301457

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	19.4	15.5	23.3



Instrument :
BNA_B
ClientSampleId :
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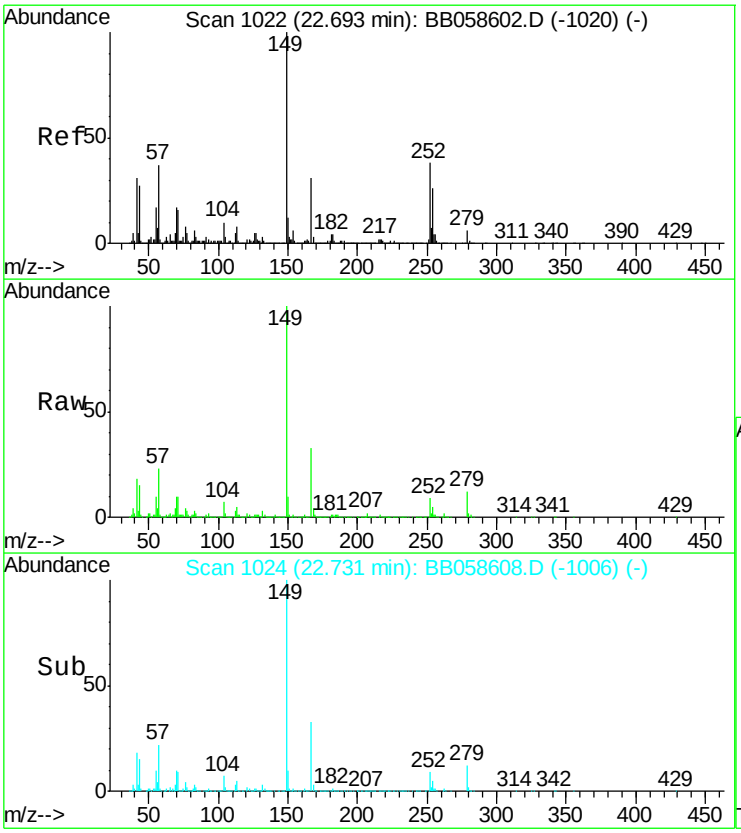
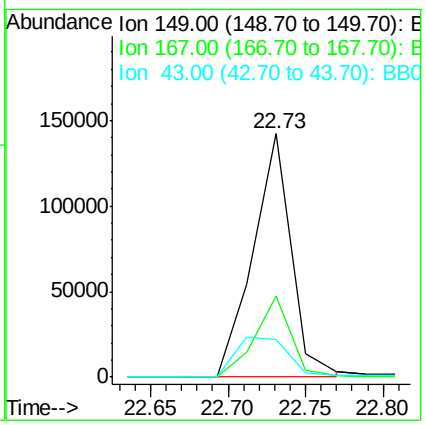
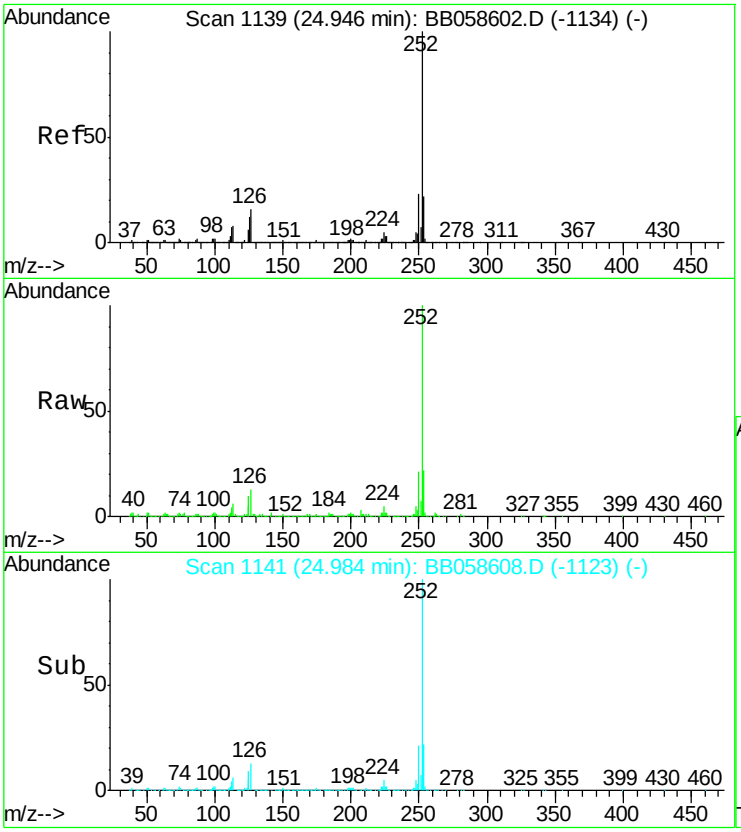


#84
Di-n-octyl phthalate
Concen: 2.94 ng/ul
RT: 22.73 min Scan# 1024
Delta R.T. 0.04 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:149 Resp: 246211

Ion	Ratio	Lower	Upper
149	100		
167	33.4	1.3	1.9#
43	15.3	6.6	10.0#

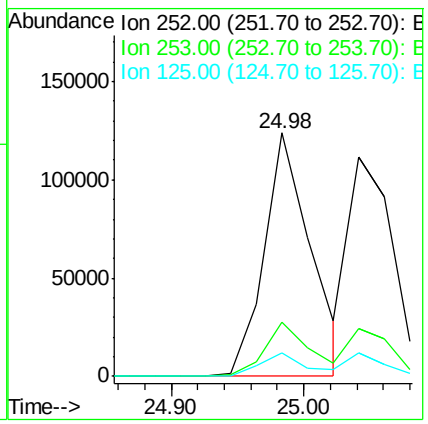




#85
Benzo(b)fluoranthene
Concen: 2.85 ng/ul m
RT: 24.98 min Scan# 1141
Delta R.T. 0.04 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:252 Resp: 301883

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.5	5.8	8.8#



Instrument :
BNA_B
ClientSampleId :
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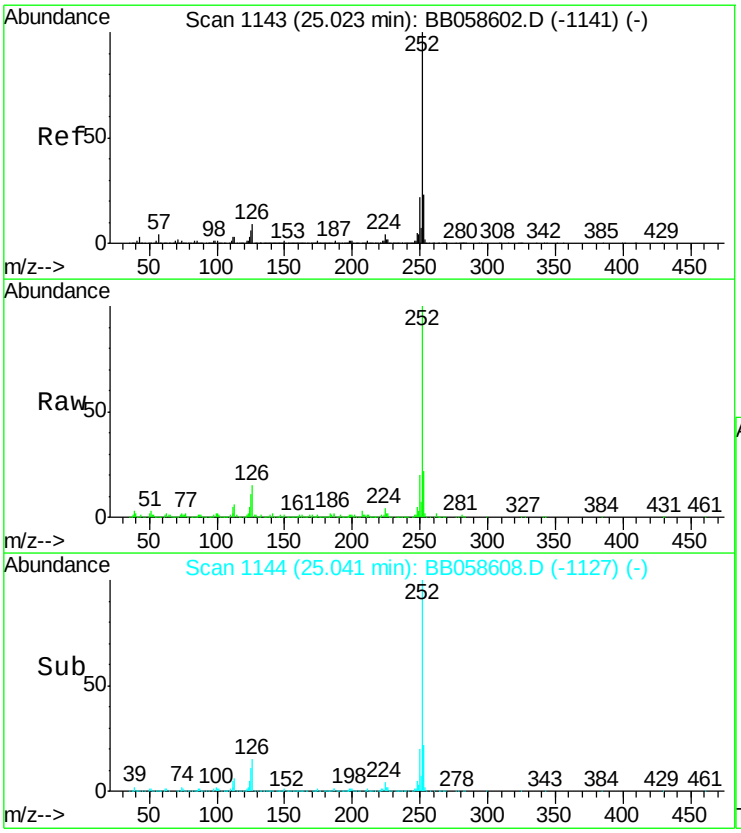
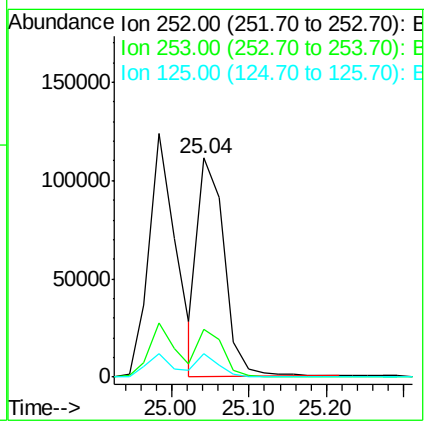
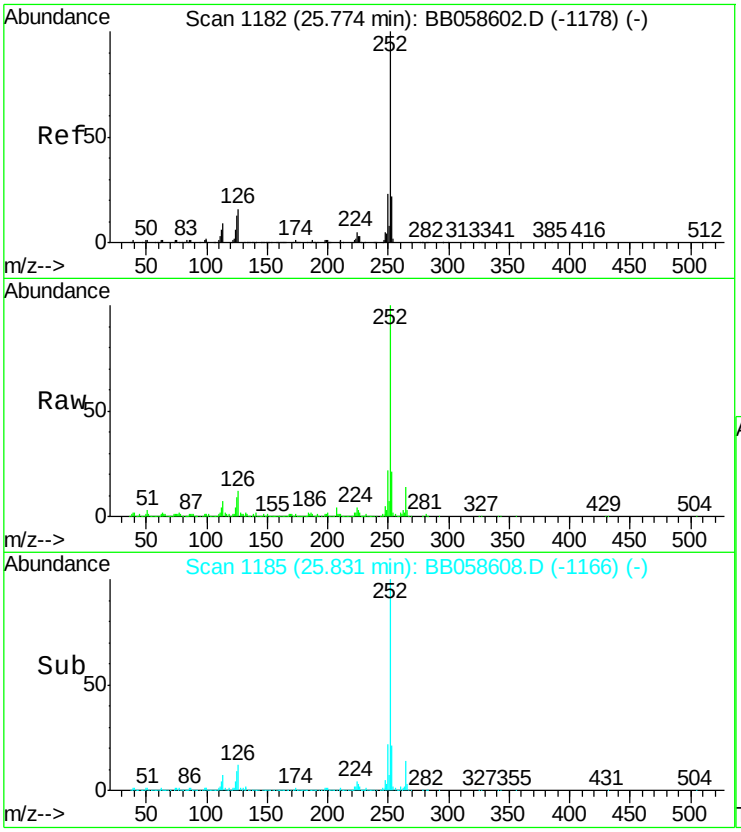


#86
Benzo(k)fluoranthene
Concen: 3.19 ng/ul
RT: 25.04 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:252 Resp: 262125

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.6	5.7	8.5#

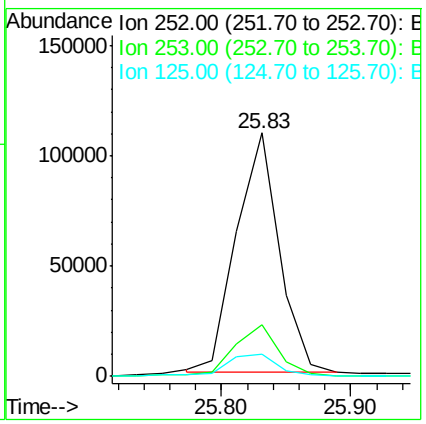




#88
Benzo(a)pyrene
Concen: 2.79 ng/ul
RT: 25.83 min Scan# 1185
Delta R.T. 0.06 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:252 Resp: 249640

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	9.2	6.6	9.8



Instrument :
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ClientSampleId :
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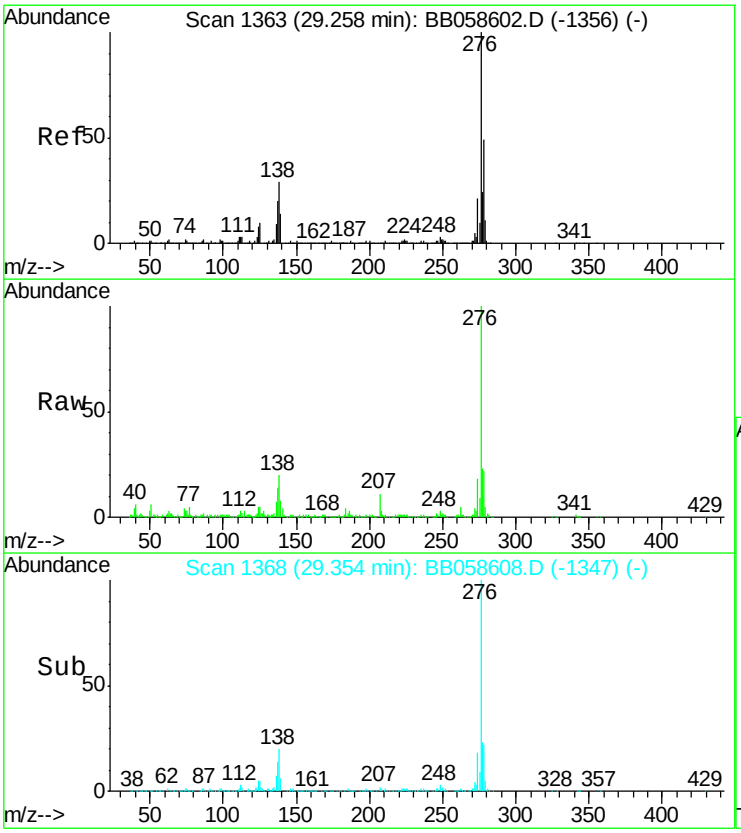
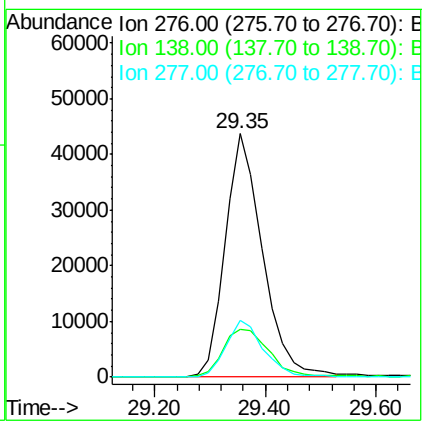
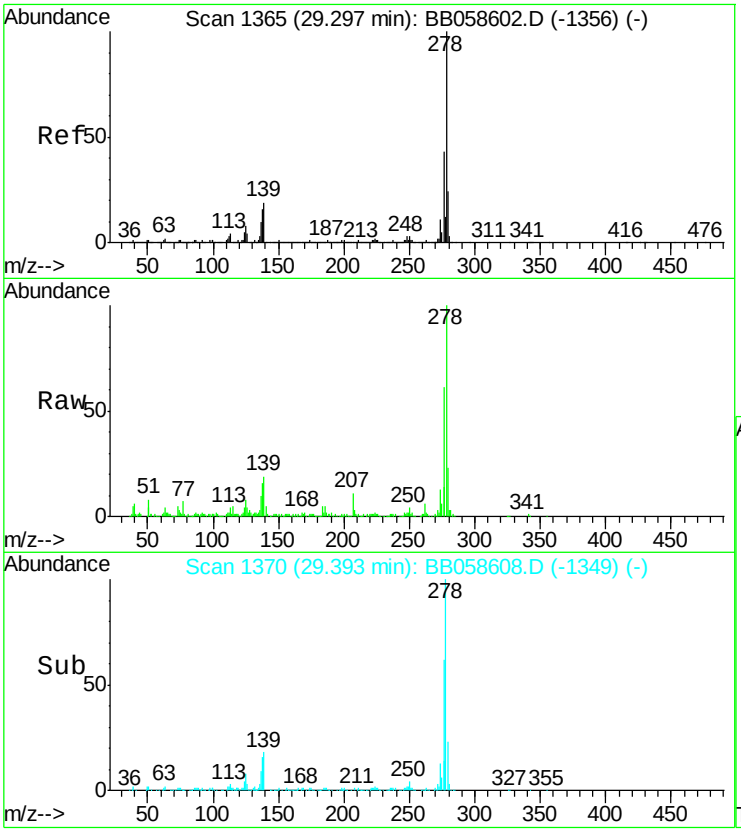


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng/ul
RT: 29.35 min Scan# 1368
Delta R.T. 0.10 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:276 Resp: 205061

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.9	20.9
277	23.1	20.1	30.1

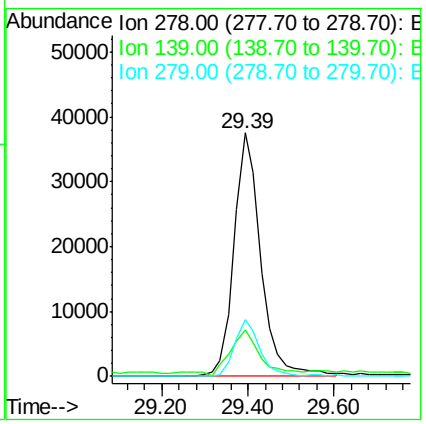




#90
Dibenzo(a,h)anthracene
Concen: 2.48 ng/ul
RT: 29.39 min Scan# 1370
Delta R.T. 0.10 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:278 Resp: 160696

Ion	Ratio	Lower	Upper
278	100		
139	19.1	9.5	14.3#
279	23.3	19.1	28.7



Instrument :
BNA_B
ClientSampleId :
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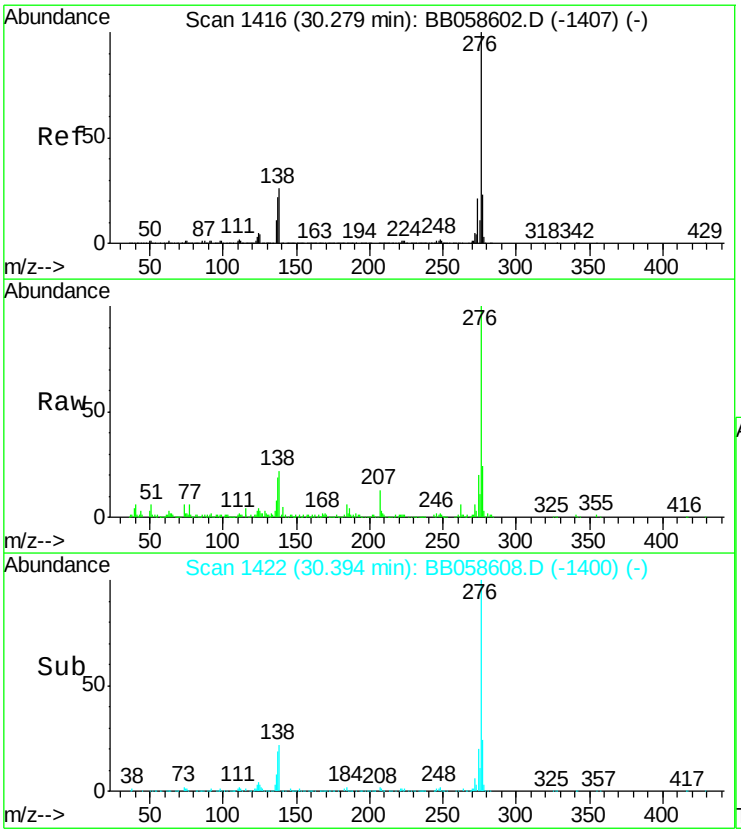

#91
Benzo(g,h,i)perylene
Concen: 2.67 ng/ul
RT: 30.39 min Scan# 1422
Delta R.T. 0.11 min
Lab File: BB058608.D
Acq: 11 Oct 2016 16:42

Tgt Ion:276 Resp: 164548

Ion	Ratio	Lower	Upper
276	100		
138	21.8	13.5	20.3#
277	23.8	19.3	28.9