Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002511.D
Acq On : 20 Aug 2015 03:22
Operator : UM/IZ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-S-ML

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:18 PM

Quant Time: Aug 20 05:42:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	122591	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	598811	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	340600	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	740233	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	811044	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	823619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	15725	5.93	ng/uL	0.00
5) Phenol-d5	7.93	99	348994	31.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	198840	30.37	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	311642	34.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	314141	33.07	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	166558	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	179660	45.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	294616	33.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	469942	40.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	994627	35.47	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1235660	35.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	190373	37.62	ng/ul	0.00
58) Fluorene-d10	16.38	176	837830	34.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	143460	49.32	ng/ul	0.00
71) Anthracene-d10	18.22	188	1304043	36.31	ng/ul	0.00
79) Pyrene-d10	20.44	212	1383637	35.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1623144	37.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1561	0.52	ng/uL#	17
4) Benzaldehyde	7.93	77	19408	2.97	ng/ul	94
6) Phenol	7.96	94	29948	2.64	ng/ul	97
8) Bis(2-Chloroethyl)ether	8.20	93	25603	2.93	ng/ul	92
10) 2-Chlorophenol	8.37	128	26304	2.81	ng/ul	92
11) 2-Methylphenol	9.25	108	23652	2.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	34190	2.19	ng/ul#	94
14) Acetophenone	9.66	105	42064	2.97	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.63	70	20520	2.70	ng/ul	93
16) 4-Methylphenol	9.59	108	27053	2.75	ng/ul	99
17) Hexachloroethane	9.93	117	9456	2.56	ng/ul	87
20) Nitrobenzene	10.06	77	27996	2.69	ng/ul	93
21) Isophorone	10.57	82	56486	2.72	ng/ul	95
23) 2-Nitrophenol	10.78	139	16447	3.64	ng/ul	90
24) 2,4-Dimethylphenol	10.81	107	28346	2.56	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.05	93	34347	2.67	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	25426	3.04	ng/ul	87
28) Naphthalene	11.74	128	91970	2.92	ng/ul	100
30) 4-Chloroaniline	11.83	127	41239	3.59	ng/ul	99
31) Hexachlorobutadiene	11.99	225	14294	2.95	ng/ul	95
32) Caprolactam	12.59	113	9808m	2.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	27706	2.64	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	67497	3.00	ng/ul	100

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:18 PM

Quant Time: Aug 20 05:42:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	29741	3.04	ng/ul#	95
38) Hexachlorocyclopentadiene	13.60	237	6449	1.11	ng/ul	97
39) 2,4,6-Trichlorophenol	13.86	196	18249	3.00	ng/ul	96
40) 2,4,5-Trichlorophenol	13.94	196	20099	2.94	ng/ul	98
41) 1,1'-Biphenyl	14.25	154	86847	3.02	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	65686	3.00	ng/ul	96
43) 2-Nitroaniline	14.50	65	17276	2.60	ng/ul#	83
45) Dimethylphthalate	14.83	163	87194	3.05	ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	16848	3.15	ng/ul	90
48) Acenaphthylene	15.14	152	112014	3.06	ng/ul	100
49) 3-Nitroaniline	15.30	138	20404	3.52	ng/ul#	85
50) Acenaphthene	15.47	153	73584	2.99	ng/ul	99
51) 2,4-Dinitrophenol	15.51	184	3797	2.05	ng/ul#	1
53) 4-Nitrophenol	15.58	109	10087	2.72	ng/ul	94
54) Dibenzofuran	15.79	168	101469	3.09	ng/ul	98
55) 2,4-Dinitrotoluene	15.74	165	24810	3.26	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	16.01	232	14331	2.76	ng/ul#	92
57) Diethylphthalate	16.16	149	90530	2.96	ng/ul	100
59) Fluorene	16.43	166	85675	3.09	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	38762	3.05	ng/ul	94
61) 4-Nitroaniline	16.44	138	21372	3.19	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	12652	3.87	ng/ul#	86
65) N-Nitrosodiphenylamine	16.62	169	72618	2.99	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	23328	3.02	ng/ul	96
67) Hexachlorobenzene	17.42	284	26771	3.04	ng/ul	98
68) Atrazine	17.52	200	25924	3.07	ng/ul	98
69) Pentachlorophenol	17.76	266	5855	1.35	ng/ul	97
70) Phenanthrene	18.16	178	136167	3.20	ng/ul	99
72) Anthracene	18.24	178	138957	3.16	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	28087	2.79	ng/uL	99
74) Pentachlorobenzene	15.72	250	28945	2.97	ng/uL	98
75) Carbazole	18.50	167	127989	3.21	ng/ul	99
76) Di-n-butylphthalate	18.99	149	159867	2.99	ng/ul	99
77) Fluoranthene	20.10	202	154891	3.44	ng/ul	100
80) Pyrene	20.46	202	166080	3.17	ng/ul	97
81) Butylbenzylphthalate	21.27	149	76295	2.95	ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	59887	3.84	ng/ul	99
83) Benzo(a)anthracene	22.18	228	159304	3.22	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	112075	2.99	ng/ul	100
85) Chrysene	22.24	228	149710	3.19	ng/ul	98
87) Di-n-octyl phthalate	23.01	149	193992	3.08	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	160695	3.14	ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	154985	3.15	ng/ul	99
91) Benzo(a)pyrene	24.73	252	160526	3.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.64	276	180800	3.22	ng/ul	98
93) Dibenzo(a,h)anthracene	27.64	278	151556	3.19	ng/ul	99
94) Benzo(g,h,i)perylene	28.51	276	149506	3.16	ng/ul	100

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

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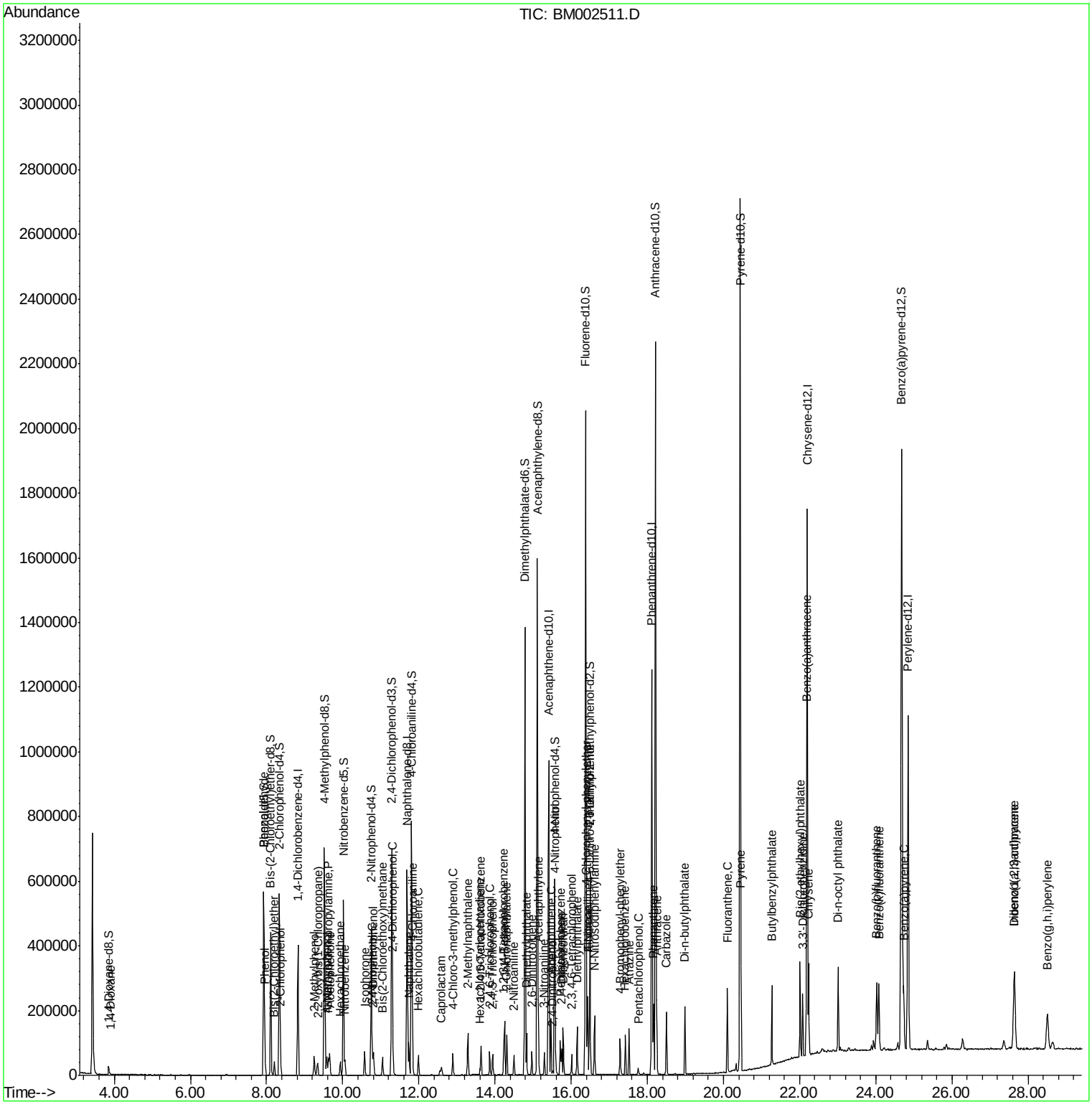
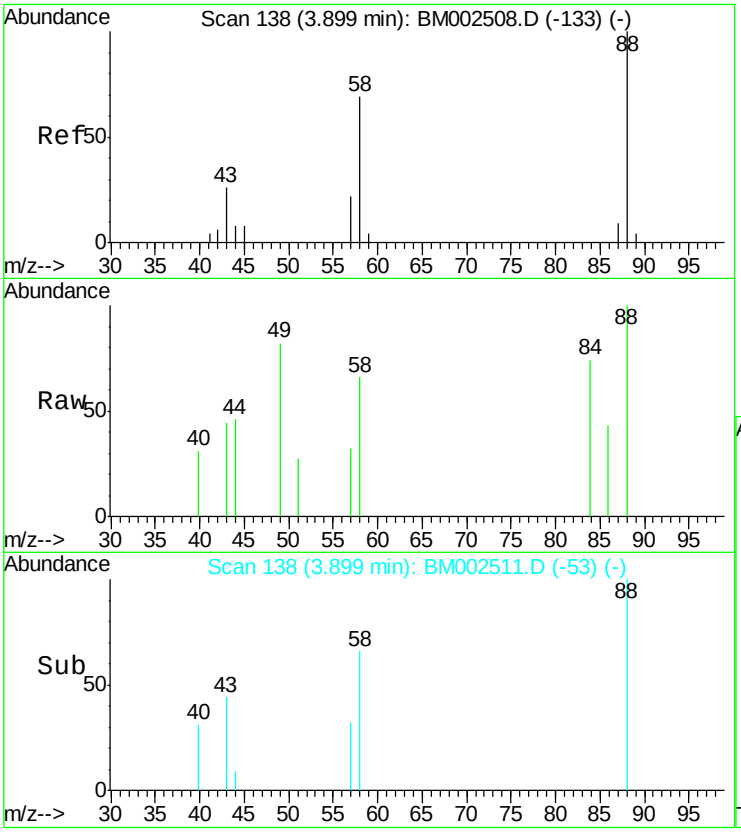
Operator : UM/IZ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 20 05:42:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:18 PM

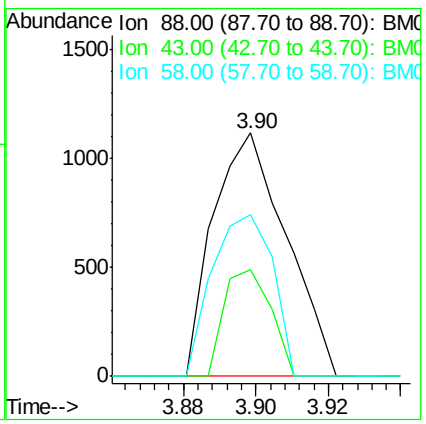




#2
1,4-Dioxane
Concen: 0.52 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

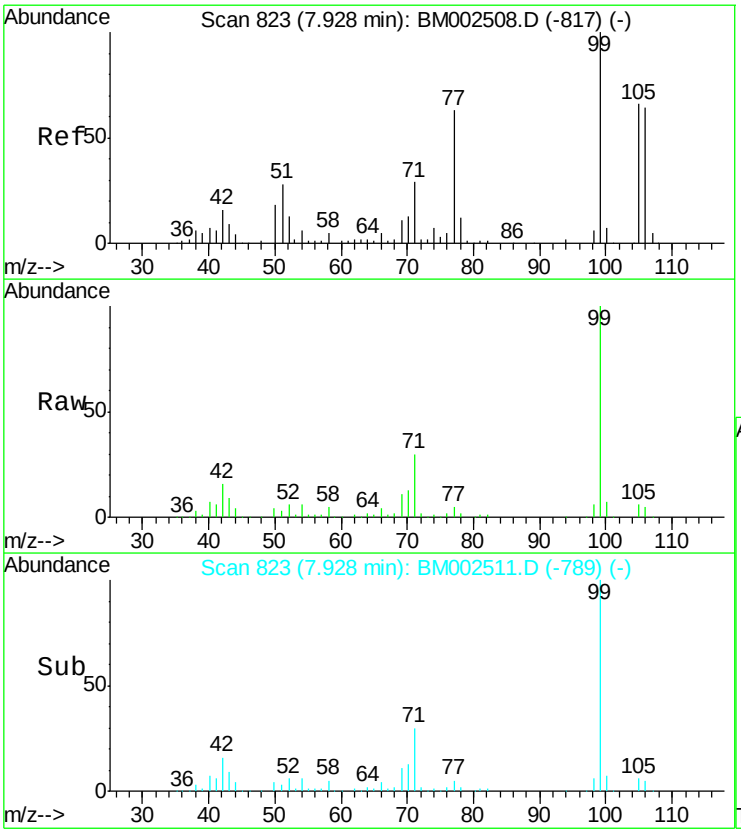
Tgt Ion: 88 Resp: 1561

Ion	Ratio	Lower	Upper
88	100		
43	28.1	2.3	3.5#
58	54.9	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

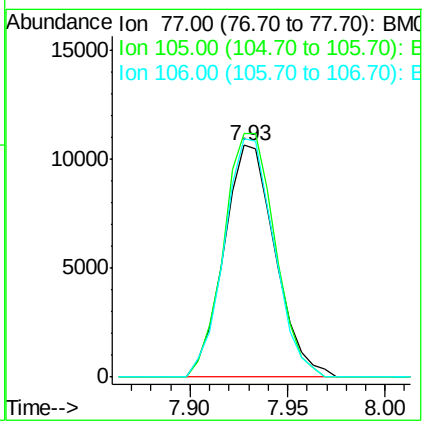
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:18 PM

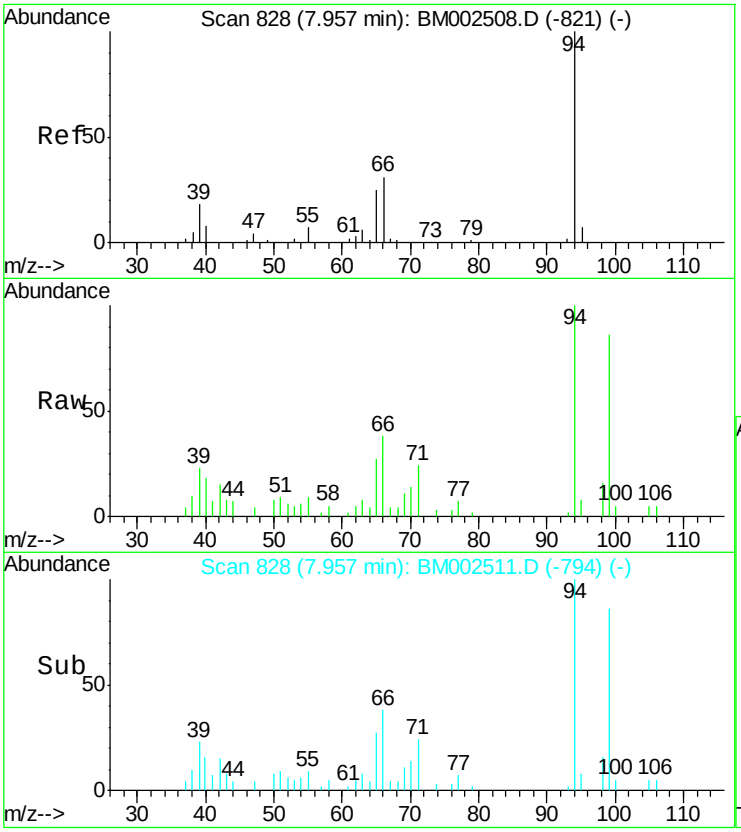


#4
Benzaldehyde
Concen: 2.97 ng/ul
RT: 7.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 77 Resp: 19408

Ion	Ratio	Lower	Upper
77	100		
105	105.1	80.0	120.0
106	102.8	76.7	115.1

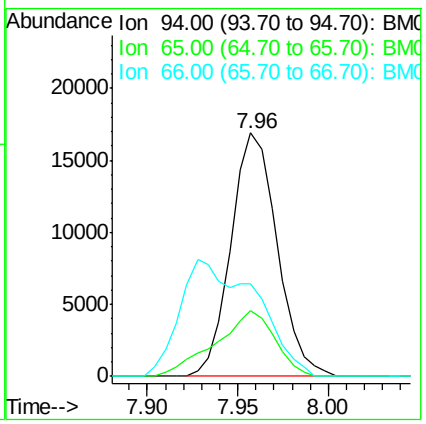




#6
Phenol
Concen: 2.64 ng/ul
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 94 Resp: 29948

Ion	Ratio	Lower	Upper
94	100		
65	27.0	23.7	35.5
66	38.1	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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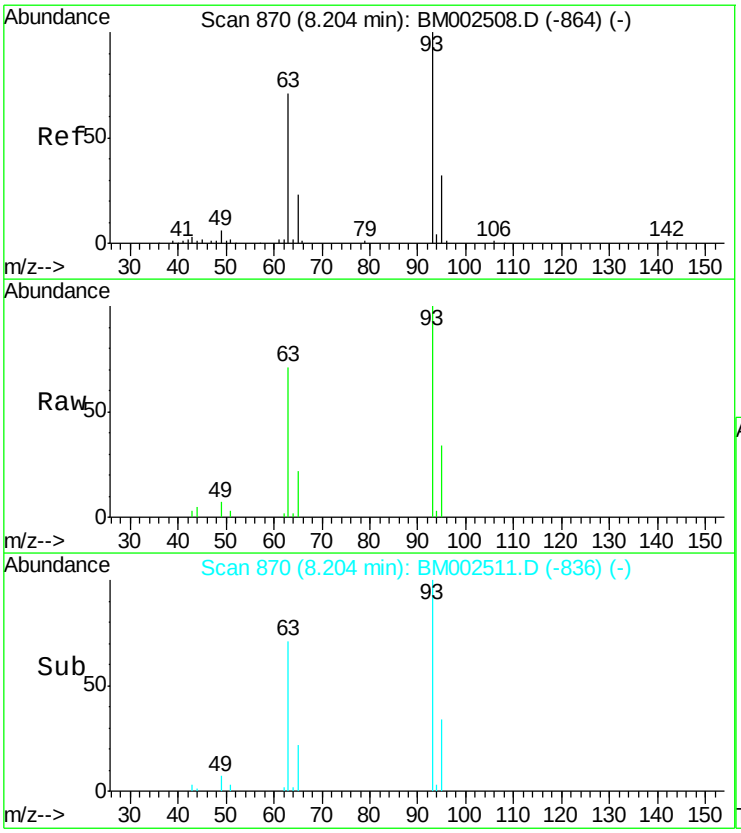
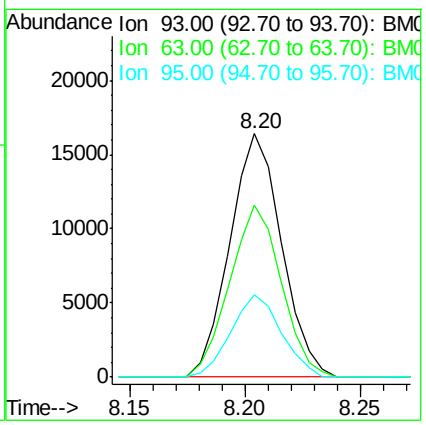
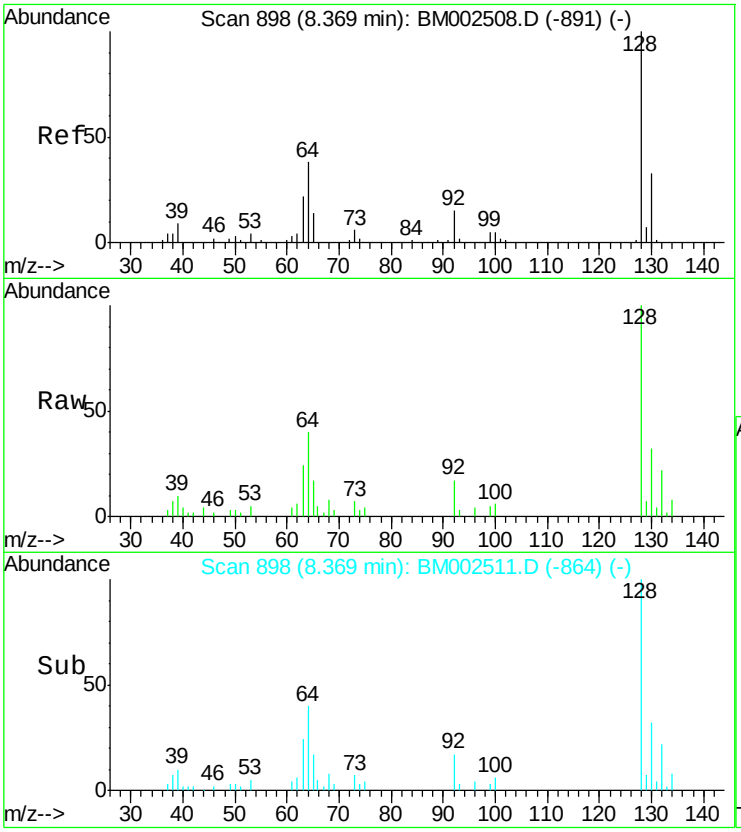


#8
Bis(2-Chloroethyl)ether
Concen: 2.93 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 93 Resp: 25603

Ion	Ratio	Lower	Upper
93	100		
63	70.5	64.6	97.0
95	33.6	26.6	40.0

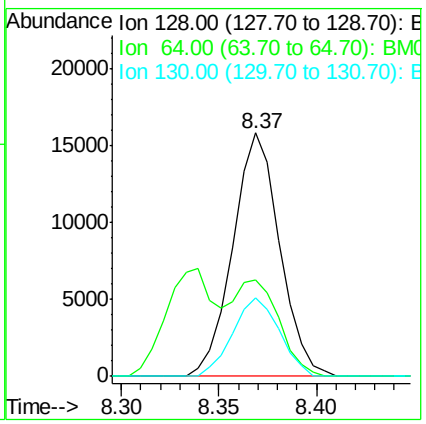




#10
2-Chlorophenol
Concen: 2.81 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:128 Resp: 26304

Ion	Ratio	Lower	Upper
128	100		
64	39.6	38.7	58.1
130	32.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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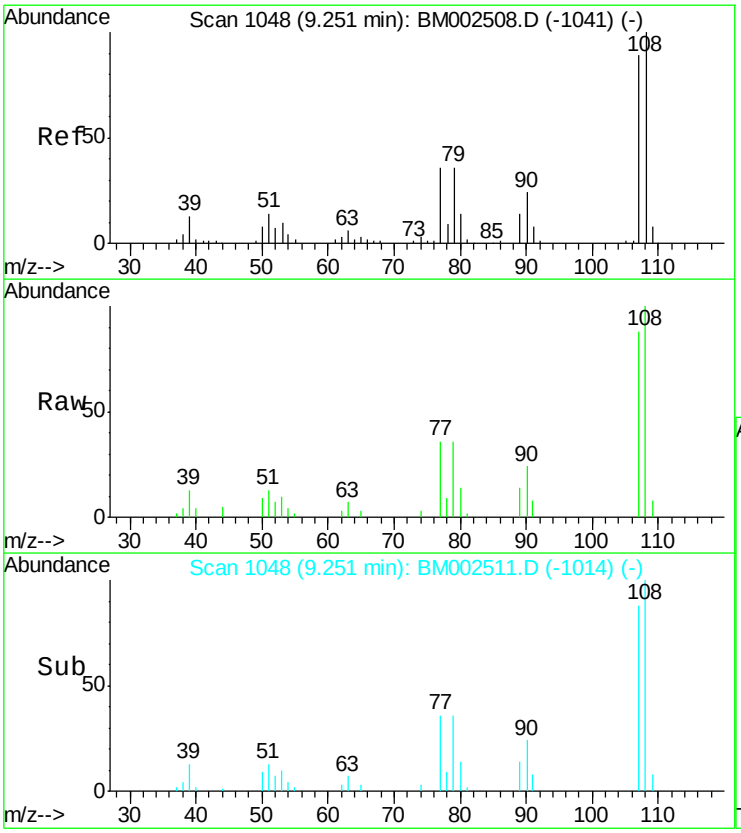
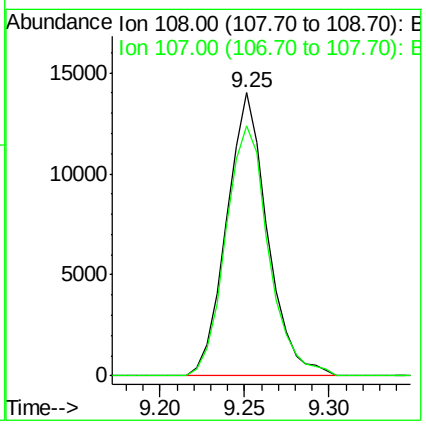
MMDadoda
8/20/2015 3:37:18 PM

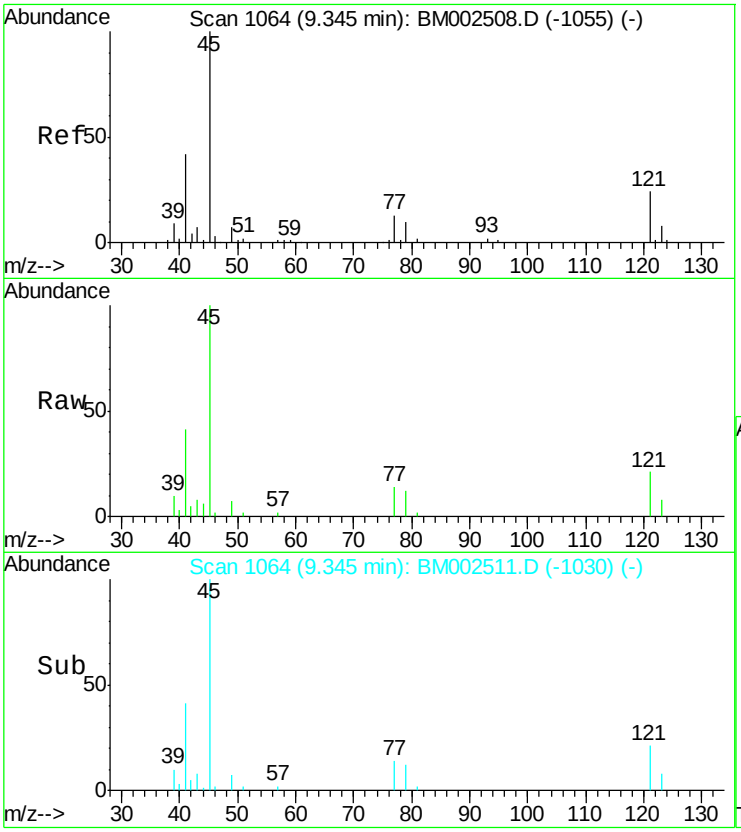


#11
2-Methylphenol
Concen: 2.63 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:108 Resp: 23652

Ion	Ratio	Lower	Upper
108	100		
107	88.2	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.19 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 45 Resp: 34190

Ion	Ratio	Lower	Upper
45	100		
77	13.9	9.4	14.2
79	11.6	7.5	11.3#

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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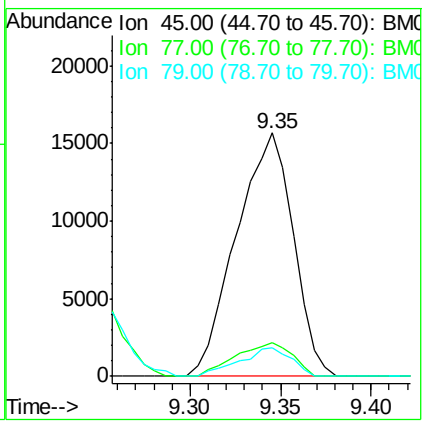
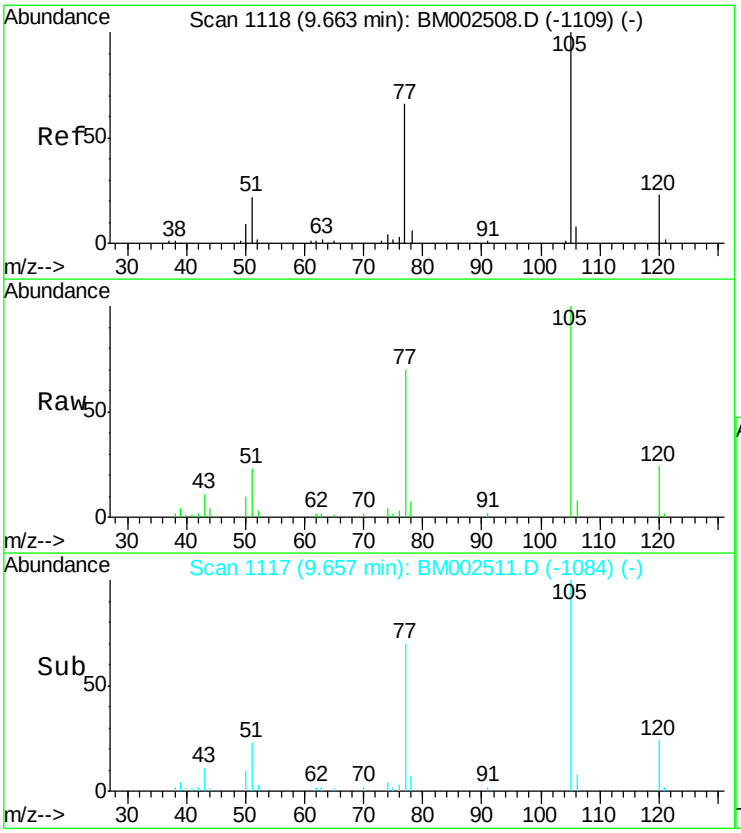
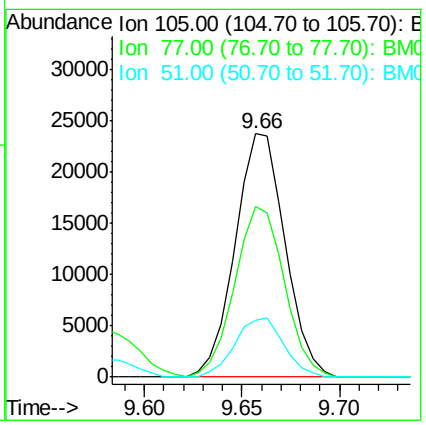


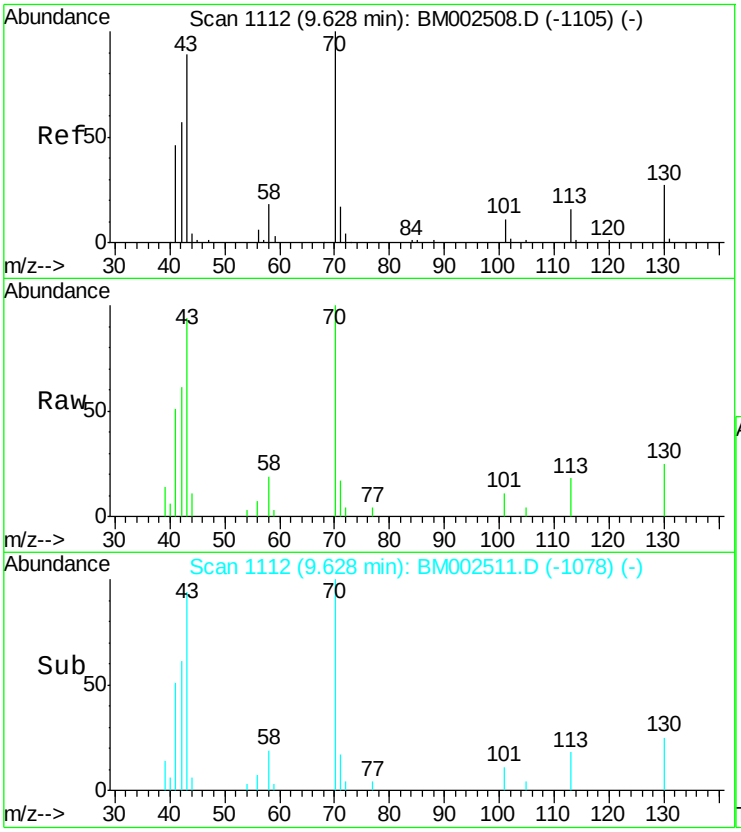


#14
Acetophenone
Concen: 2.97 ng/ul
RT: 9.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:105 Resp: 42064

Ion	Ratio	Lower	Upper
105	100		
77	70.0	59.4	89.0
51	23.3	23.4	35.0#

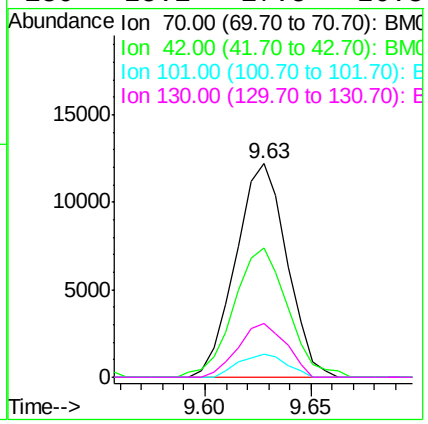




#15
N-Nitroso-di-n-propylamine
Concen: 2.70 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 70 Resp: 20520

Ion	Ratio	Lower	Upper
70	100		
42	60.6	53.4	80.0
101	10.6	7.7	11.5
130	25.1	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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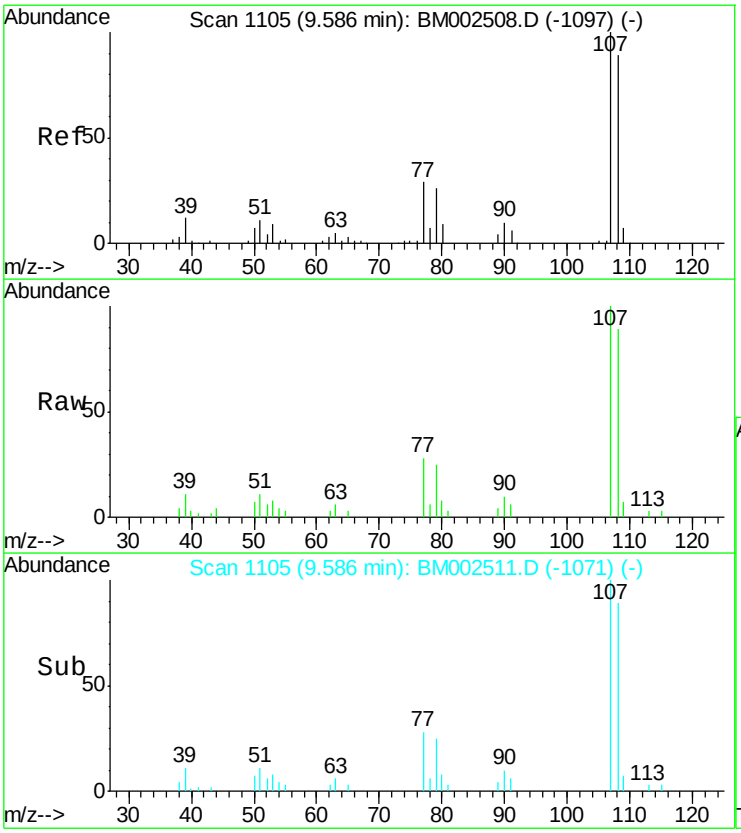
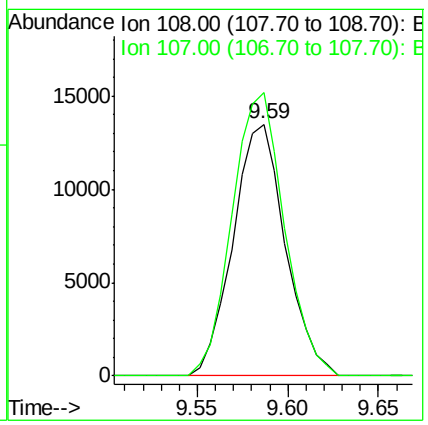
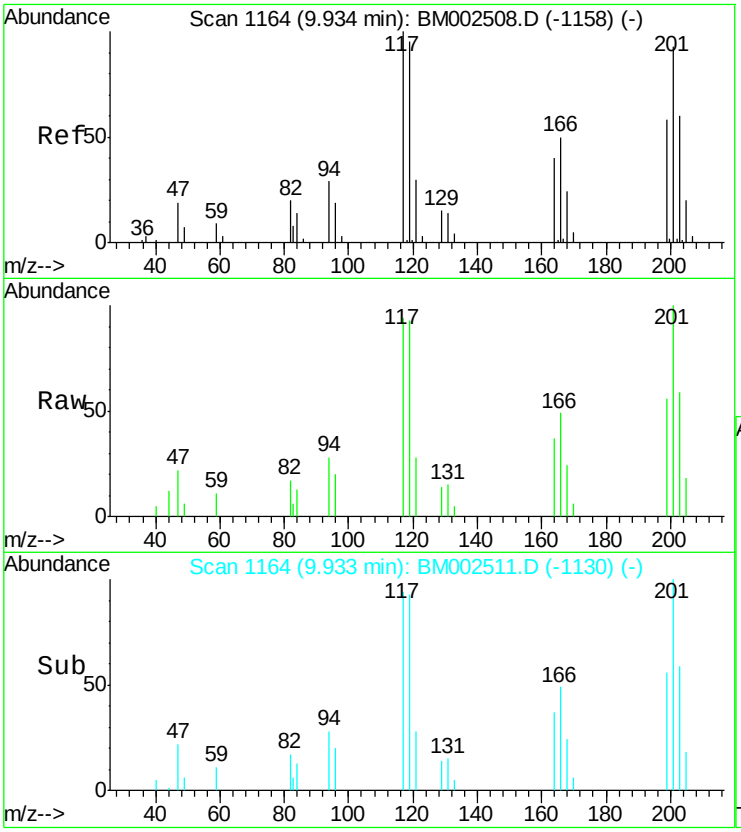


#16
4-Methylphenol
Concen: 2.75 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:108 Resp: 27053

Ion	Ratio	Lower	Upper
108	100		
107	112.4	90.9	136.3

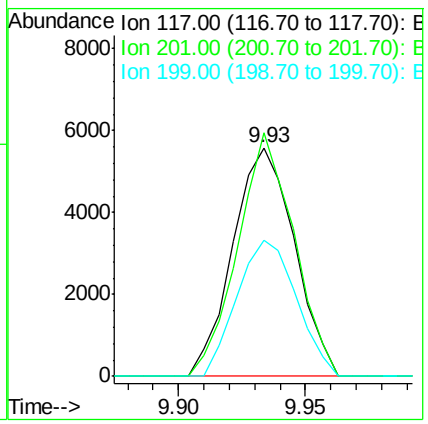




#17
Hexachloroethane
Concen: 2.56 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:117 Resp: 9456

Ion	Ratio	Lower	Upper
117	100		
201	106.5	71.5	107.3
199	59.7	44.9	67.3



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ClientSampleId :
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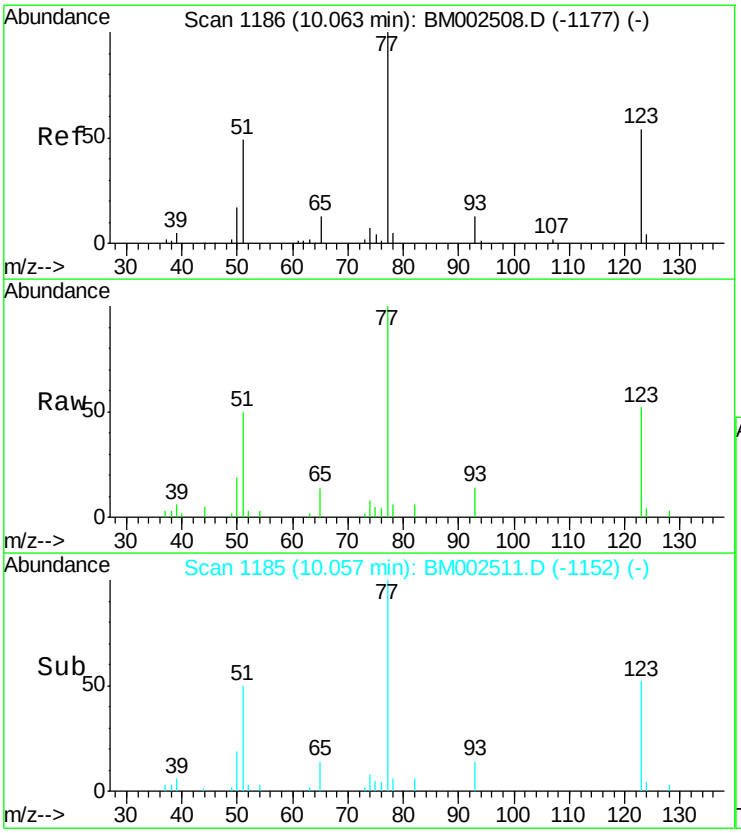
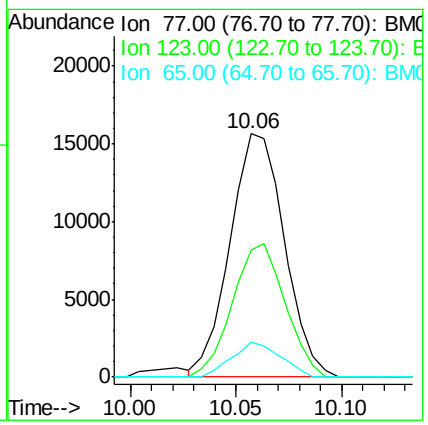
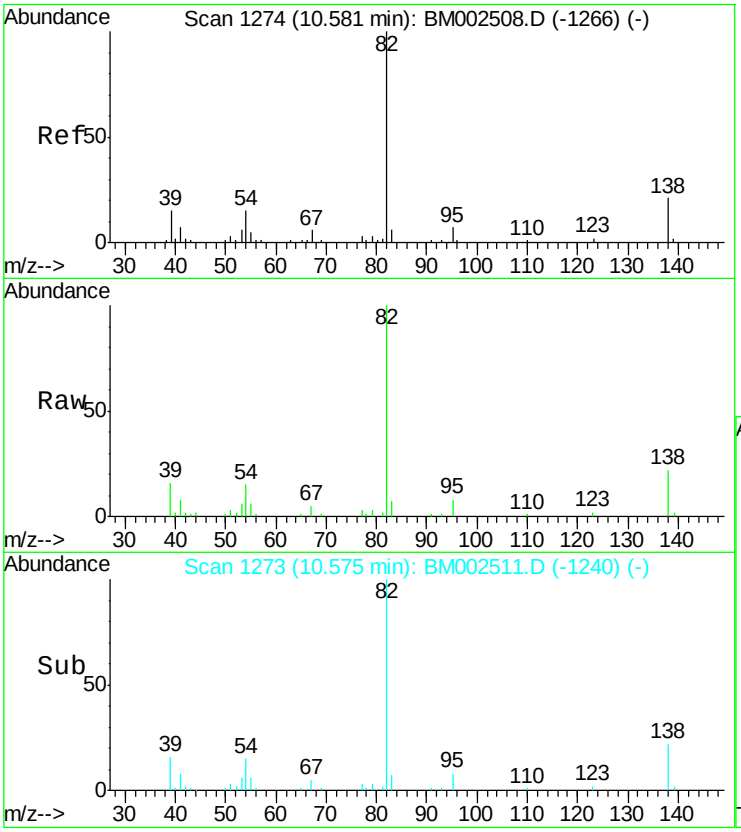


#20
Nitrobenzene
Concen: 2.69 ng/ul
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 77 Resp: 27996

Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.0	55.6
65	14.1	11.0	16.6

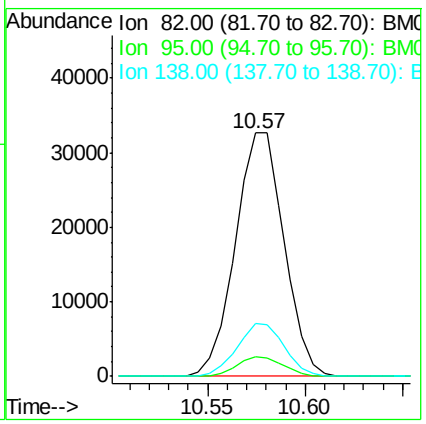




#21
Isophorone
Concen: 2.72 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 82 Resp: 56486

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.9	8.9
138	21.8	15.0	22.4



Instrument :
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ClientSampleId :
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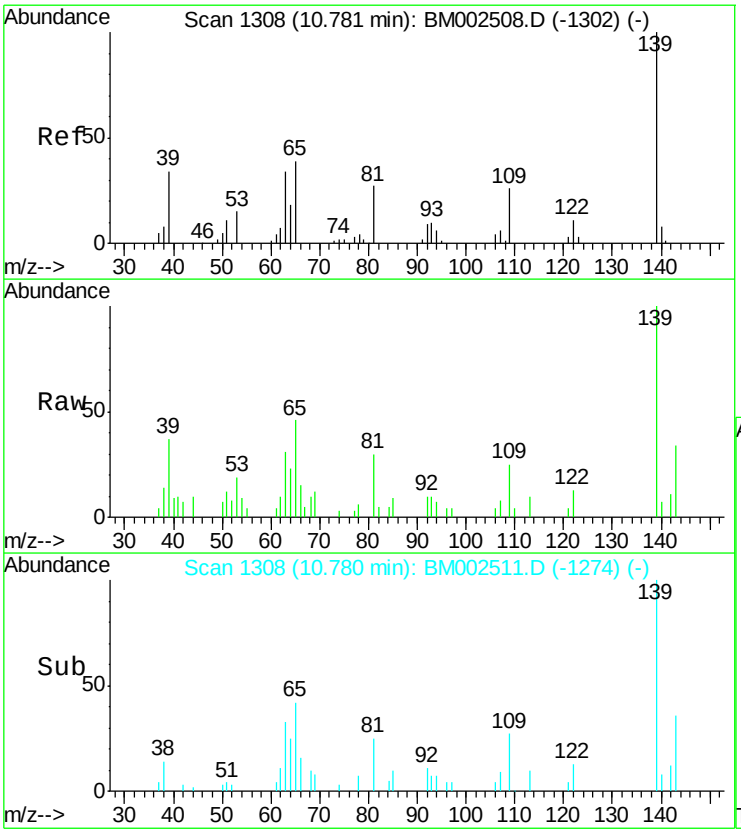
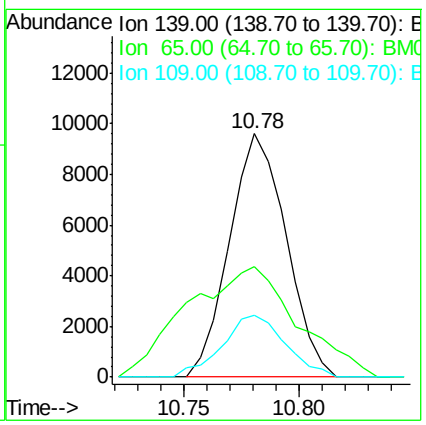
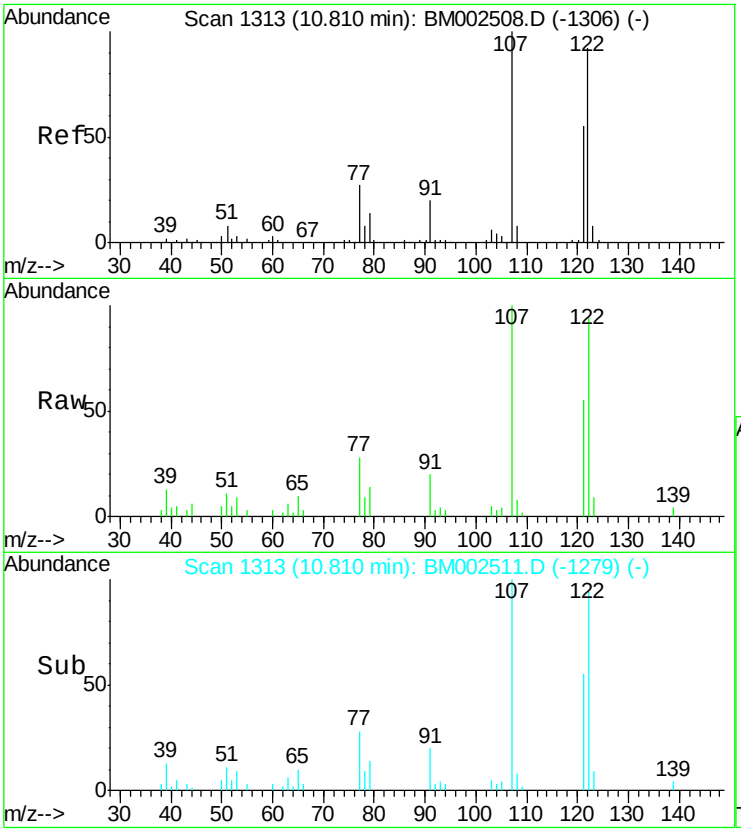


#23
2-Nitrophenol
Concen: 3.64 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:139 Resp: 16447

Ion	Ratio	Lower	Upper
139	100		
65	45.6	43.0	64.6
109	25.3	23.8	35.8

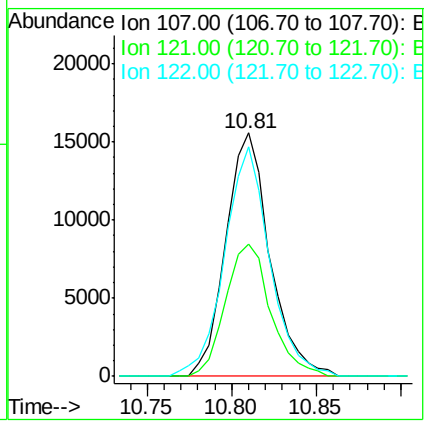




#24
2,4-Dimethylphenol
Concen: 2.56 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:107 Resp: 28346

Ion	Ratio	Lower	Upper
107	100		
121	54.6	41.8	62.6
122	94.4	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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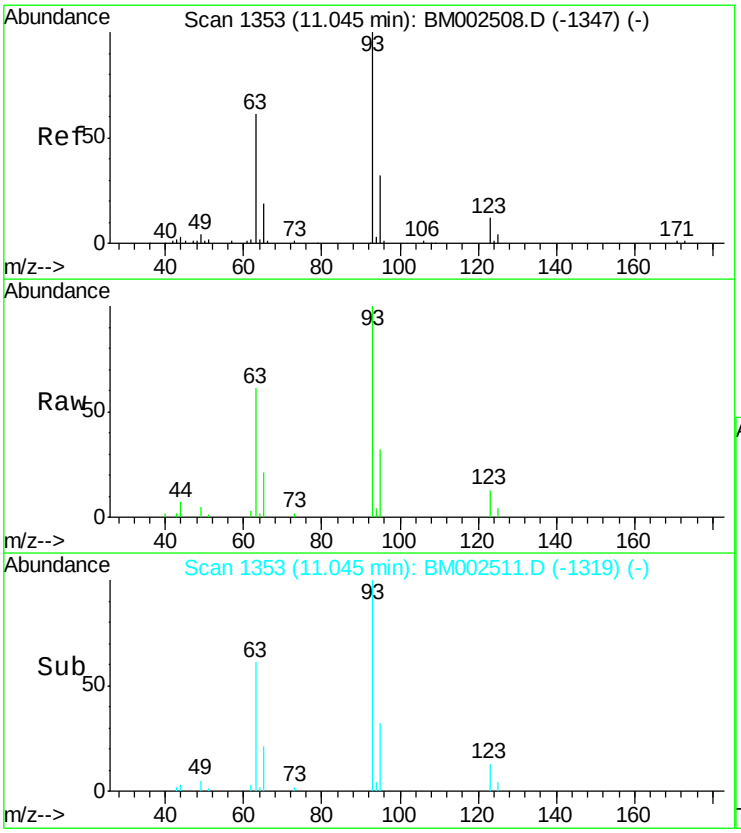
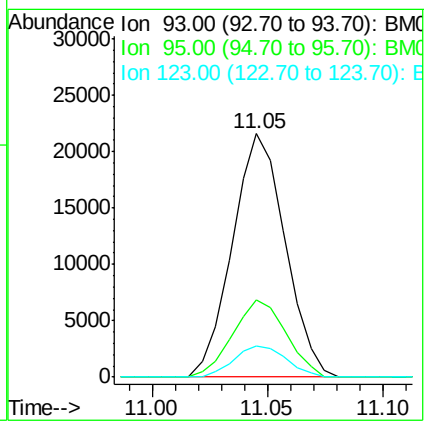
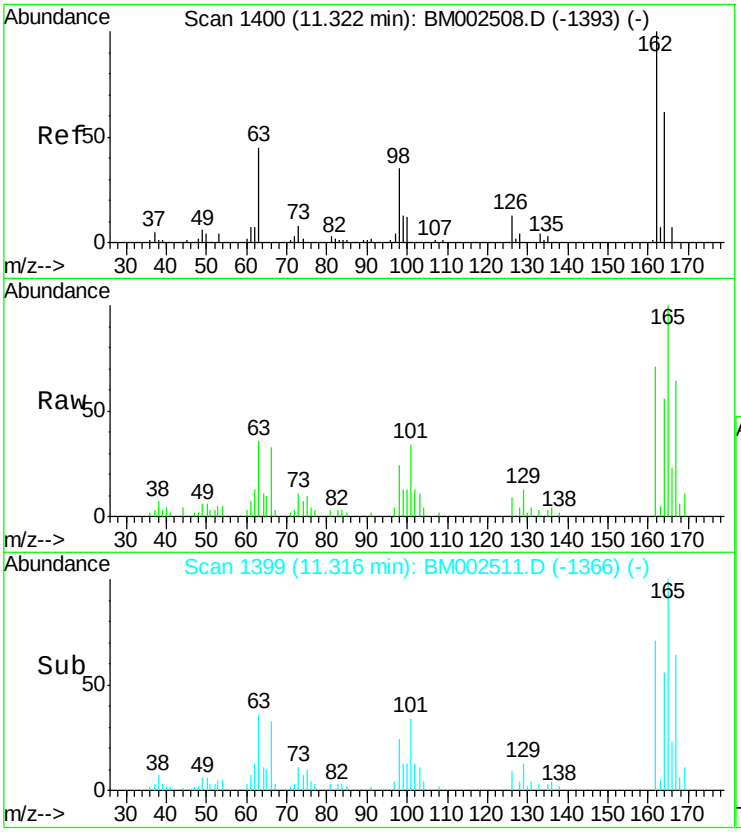


#25
Bis(2-Chloroethoxy)methane
Concen: 2.67 ng/ul
RT: 11.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 93 Resp: 34347

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.8	38.8
123	12.8	9.3	13.9

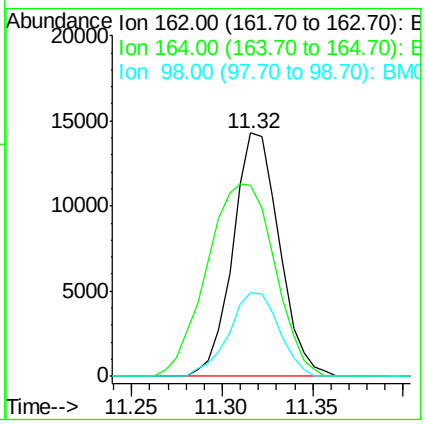




#27
2,4-Dichlorophenol
Concen: 3.04 ng/ul
RT: 11.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:162 Resp: 25426

Ion	Ratio	Lower	Upper
162	100		
164	78.7	52.9	79.3
98	34.5	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
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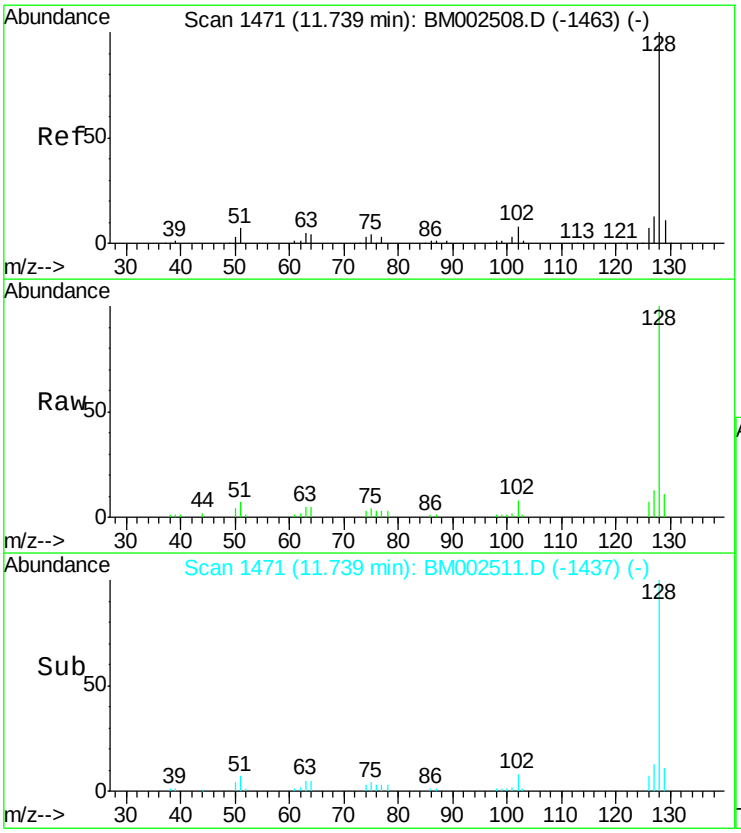
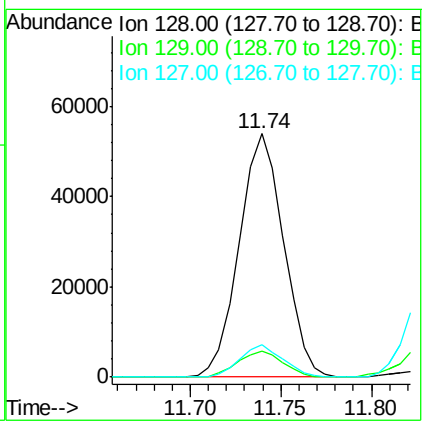
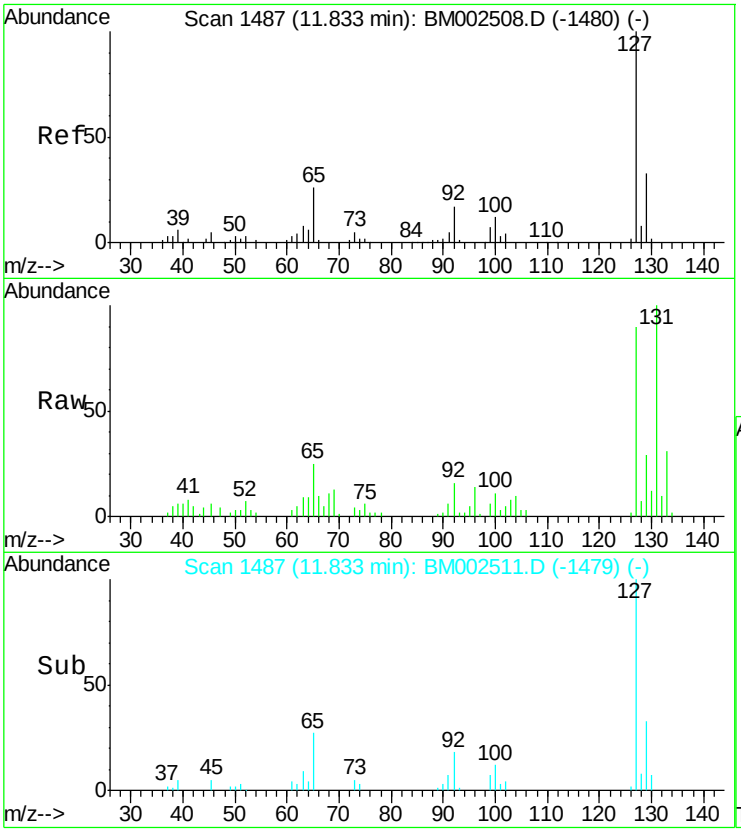


#28
Naphthalene
Concen: 2.92 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:128 Resp: 91970

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.1	10.4	15.6

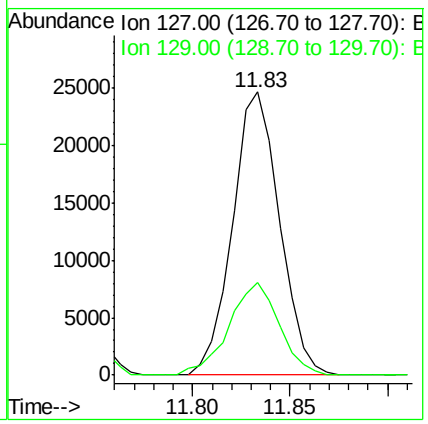




#30
4-Chloroaniline
Concen: 3.59 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:127 Resp: 41239

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8



Instrument :
BNA_M
ClientSampleId :
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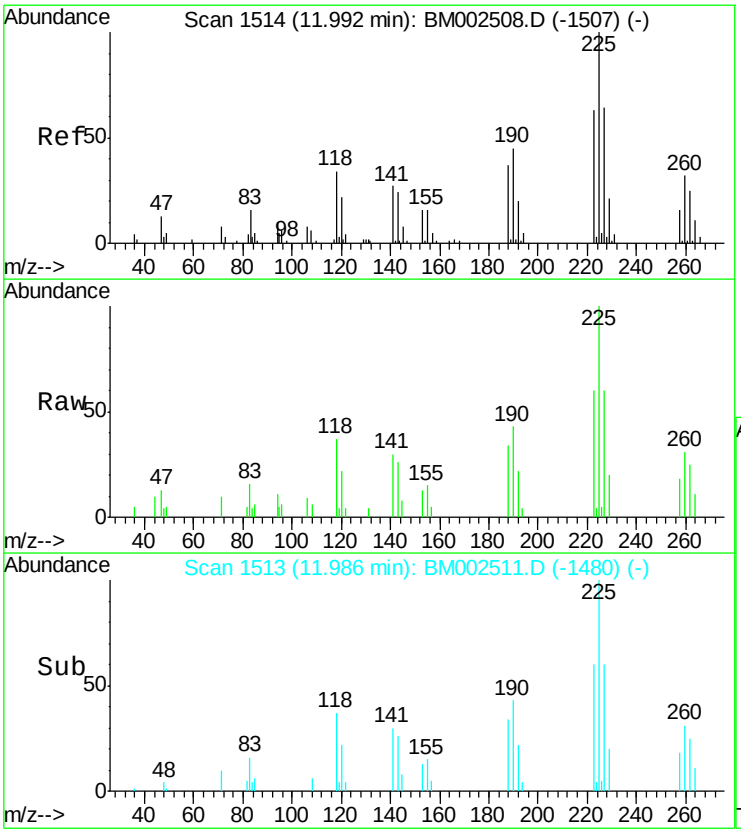
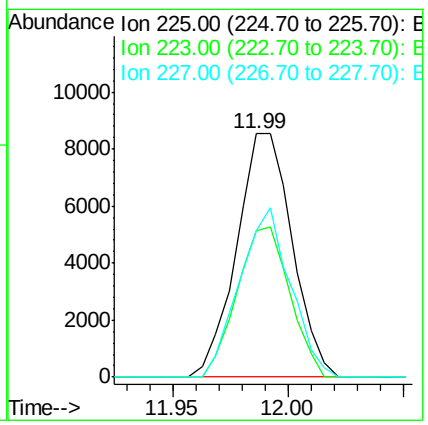
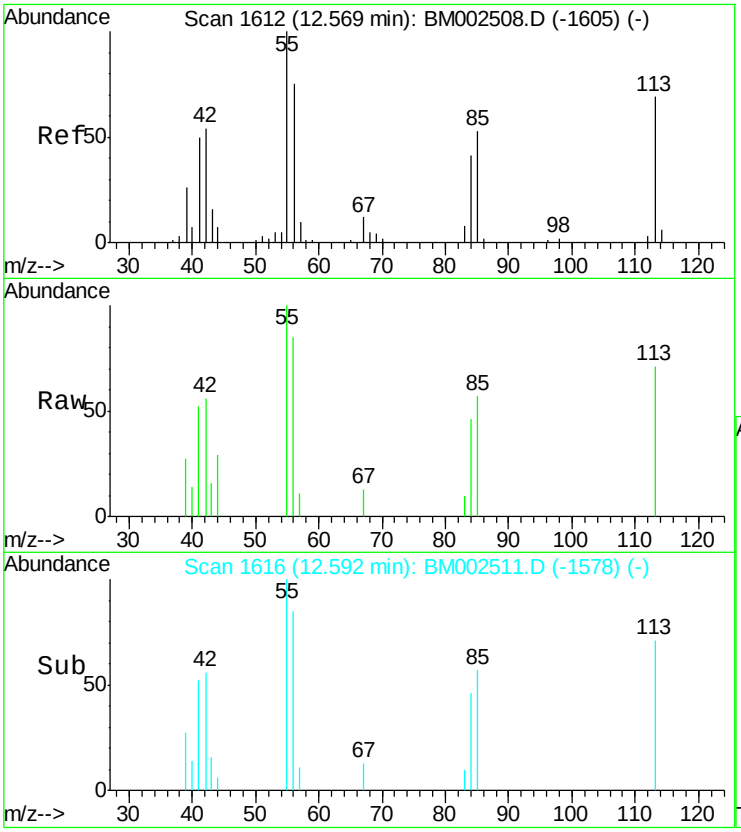


#31
Hexachlorobutadiene
Concen: 2.95 ng/ul
RT: 11.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:225 Resp: 14294

Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.0	76.4
227	60.3	52.1	78.1

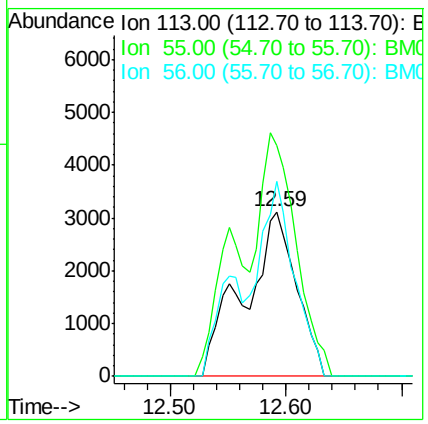




#32
Caprolactam
Concen: 2.84 ng/ul m
RT: 12.59 min Scan# 1616
Delta R.T. 0.02 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:113 Resp: 9808

Ion	Ratio	Lower	Upper
113	100		
55	140.5	152.5	228.7#
56	119.0	111.4	167.0



Instrument :
BNA_M
ClientSampleId :
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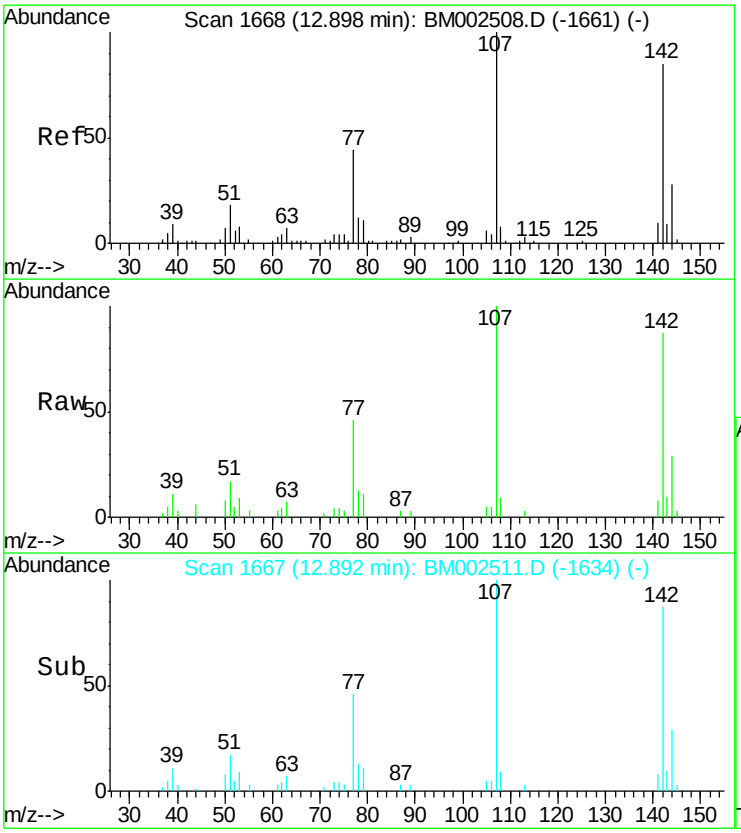
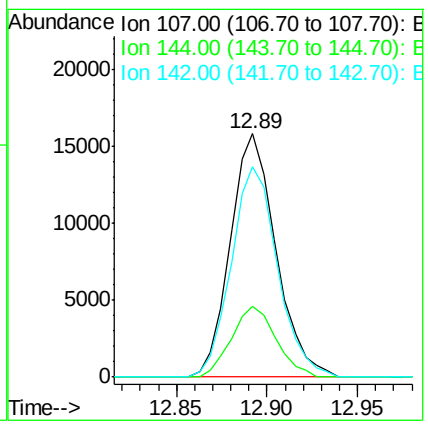
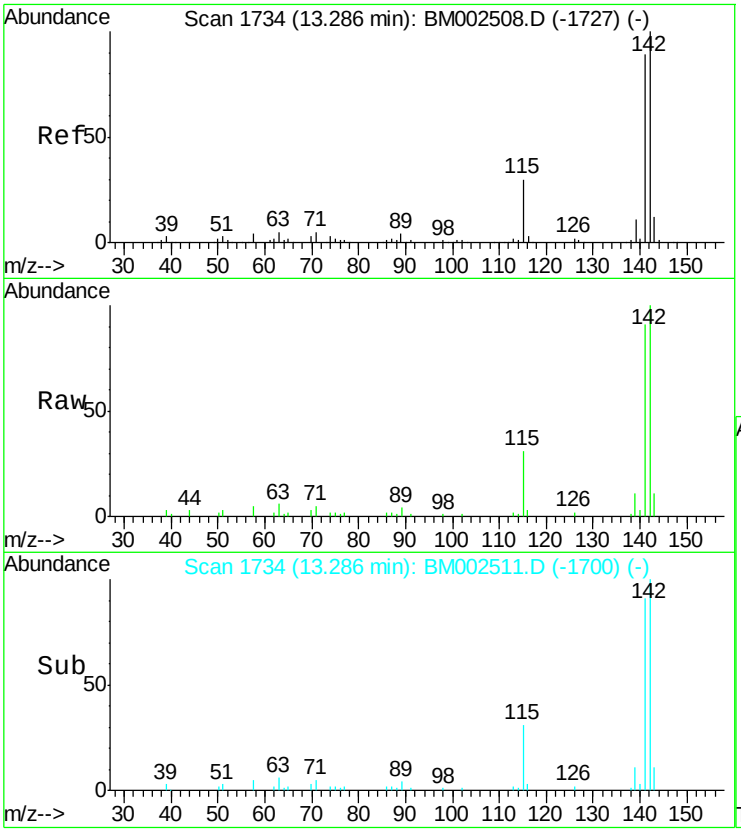


#33
4-Chloro-3-methylphenol
Concen: 2.64 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:107 Resp: 27706

Ion	Ratio	Lower	Upper
107	100		
144	29.1	20.3	30.5
142	86.5	63.1	94.7





#34
2-Methylnaphthalene
Concen: 3.00 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:142 Resp: 67497

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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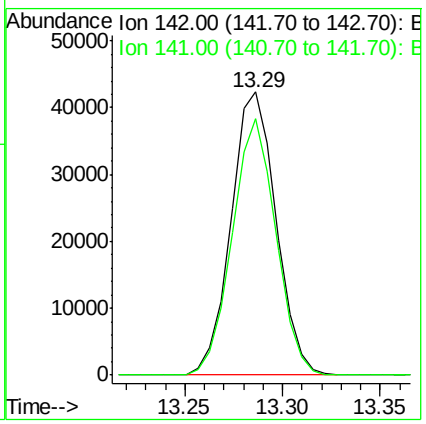
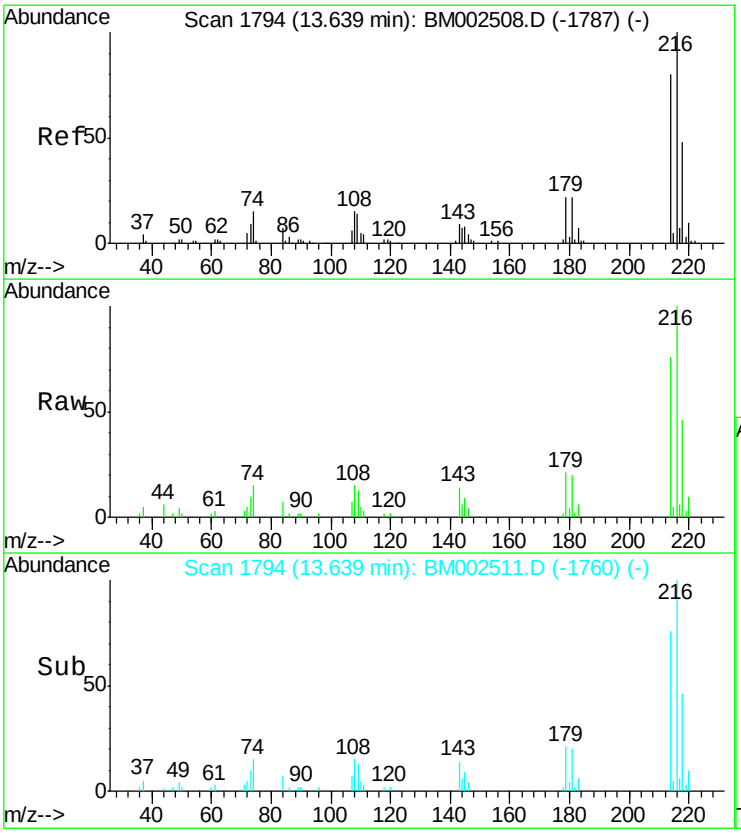
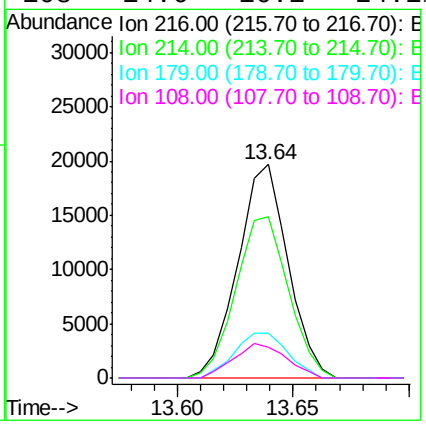


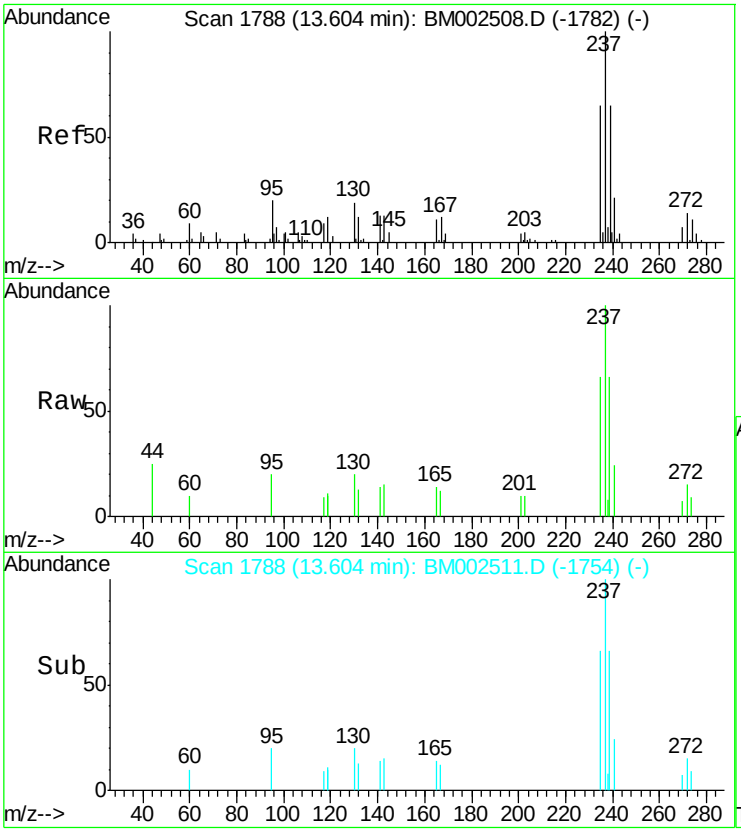


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.04 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:216 Resp: 29741

Ion	Ratio	Lower	Upper
216	100		
214	75.7	63.1	94.7
179	21.0	18.9	28.3
108	14.6	16.1	24.1#

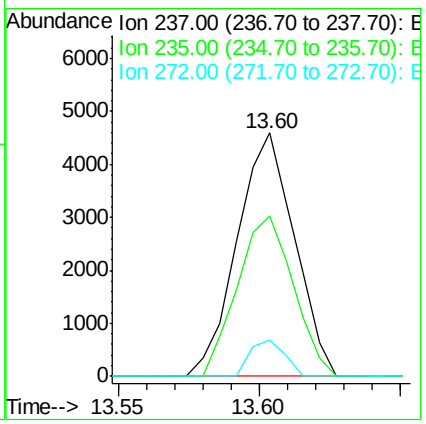




#38
Hexachlorocyclopentadiene
Concen: 1.11 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:237 Resp: 6449

Ion	Ratio	Lower	Upper
237	100		
235	65.8	51.0	76.6
272	14.8	10.8	16.2



Instrument :
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ClientSampleId :
MDL-02-S-ML

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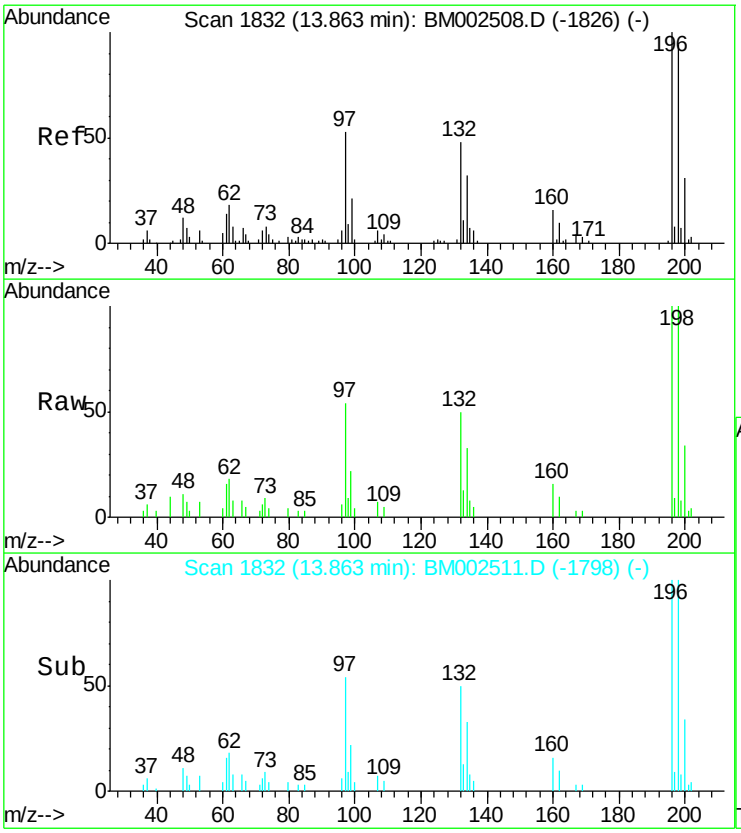
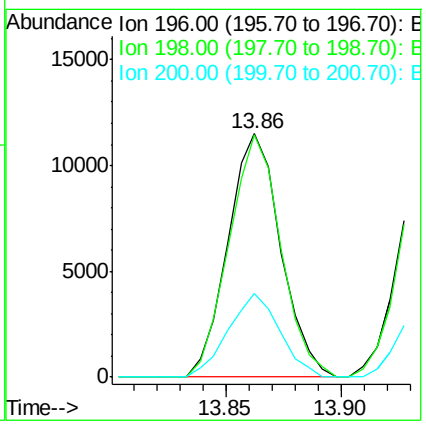
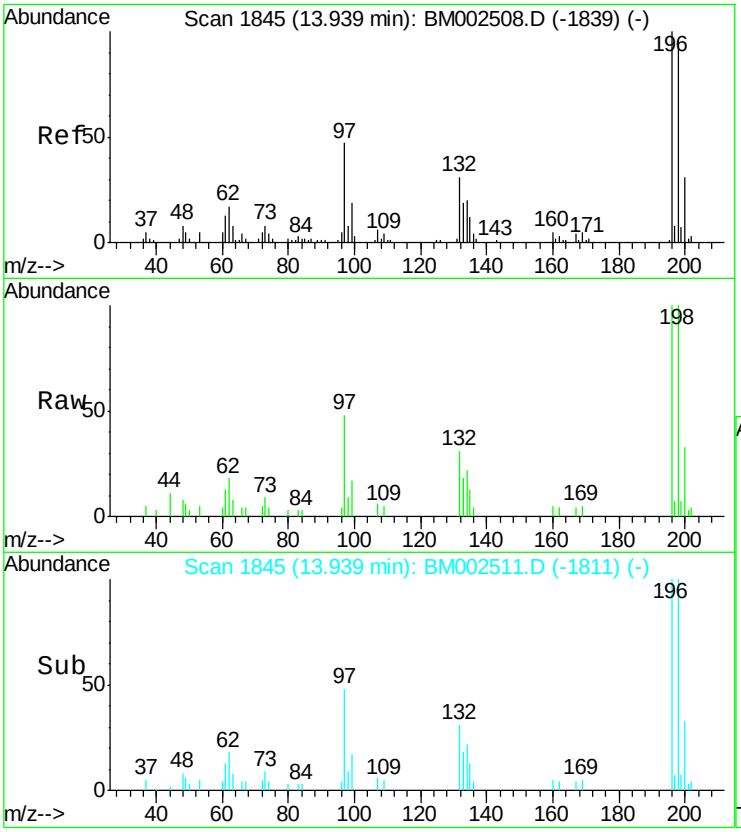


#39
2,4,6-Trichlorophenol
Concen: 3.00 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:196 Resp: 18249

Ion	Ratio	Lower	Upper
196	100		
198	99.8	77.1	115.7
200	34.4	24.8	37.2

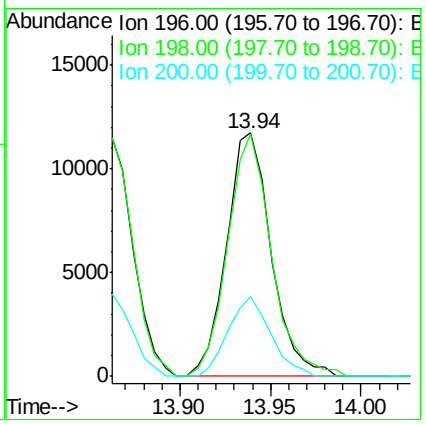




#40
2,4,5-Trichlorophenol
Concen: 2.94 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:196 Resp: 20099

Ion	Ratio	Lower	Upper
196	100		
198	99.6	78.6	117.8
200	32.9	25.0	37.4



Instrument :
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ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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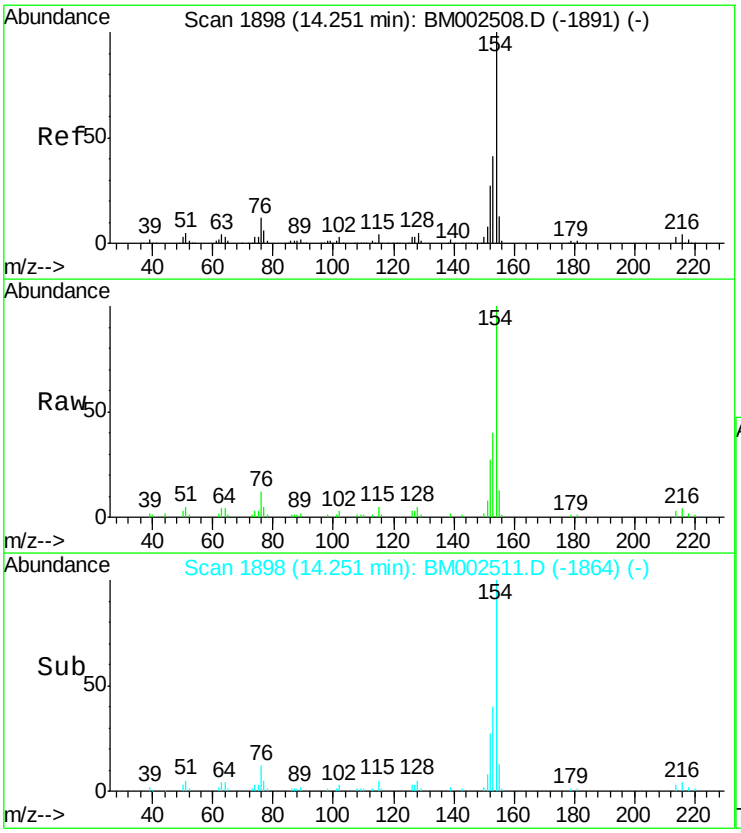
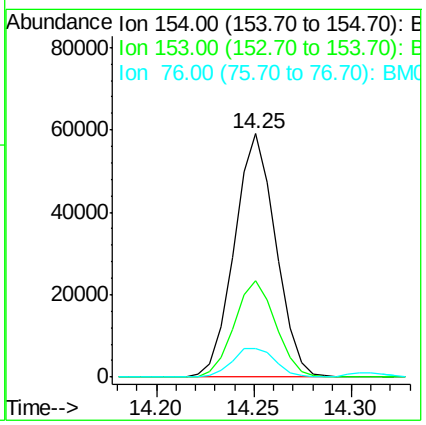
8/20/2015 3:37:18 PM

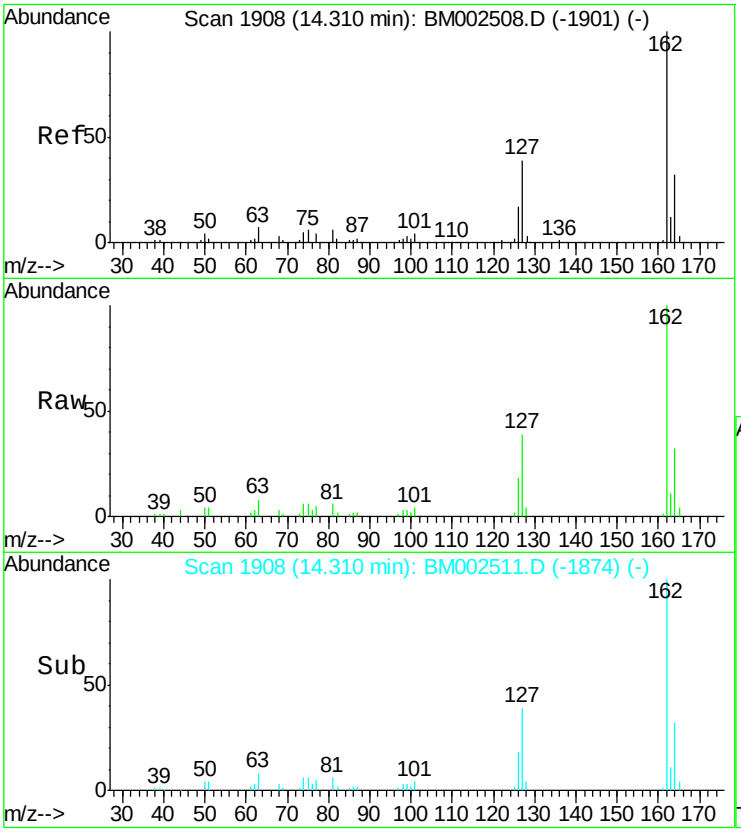


#41
1,1'-Biphenyl
Concen: 3.02 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:154 Resp: 86847

Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.1	48.1
76	11.8	11.0	16.4

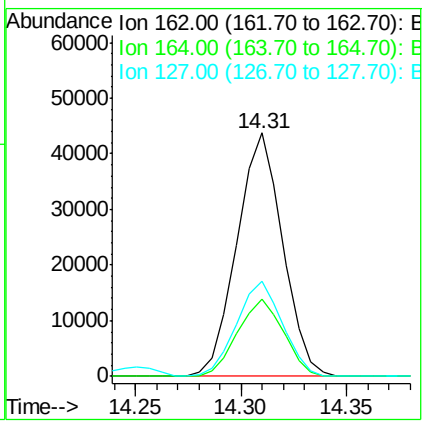




#42
2-Chloronaphthalene
Concen: 3.00 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:162 Resp: 65686

Ion	Ratio	Lower	Upper
162	100		
164	31.5	26.7	40.1
127	39.3	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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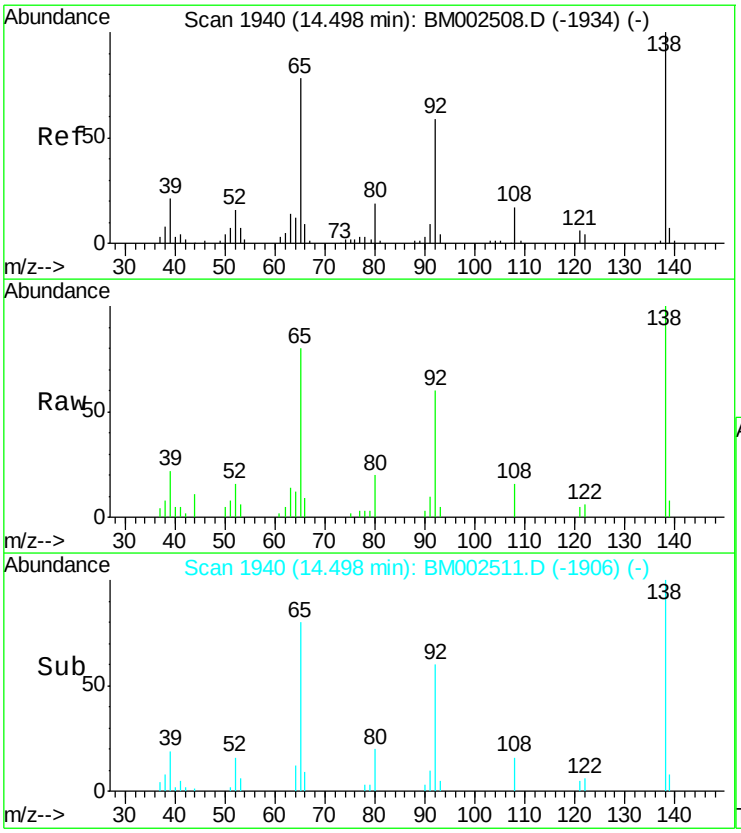
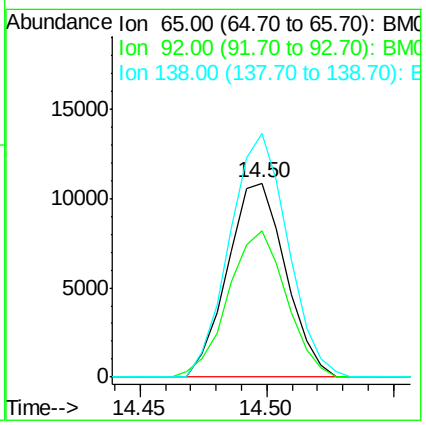
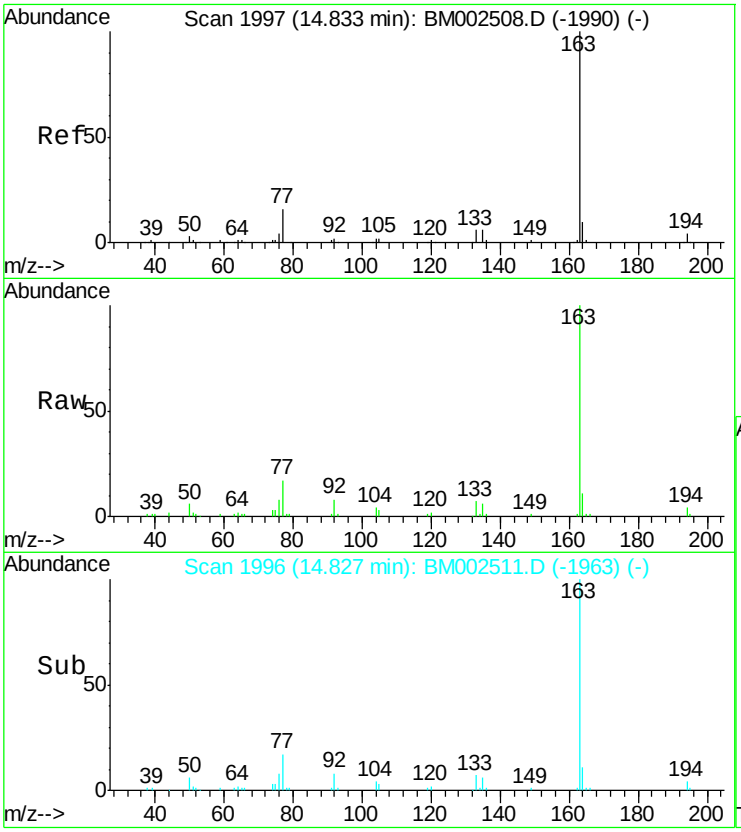


#43
2-Nitroaniline
Concen: 2.60 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion: 65 Resp: 17276

Ion	Ratio	Lower	Upper
65	100		
92	75.3	54.0	81.0
138	125.4	83.1	124.7#

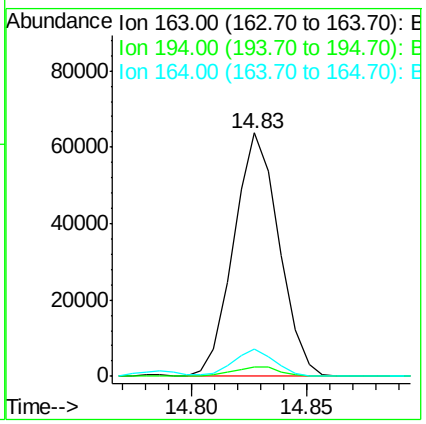




#45
Dimethylphthalate
Concen: 3.05 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:163 Resp: 87194

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	11.1	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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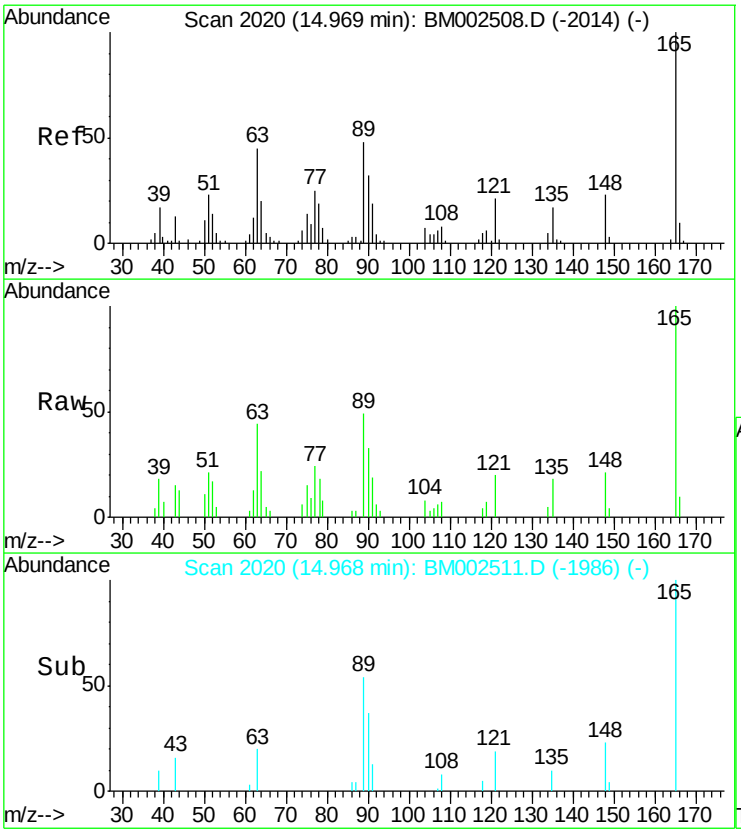
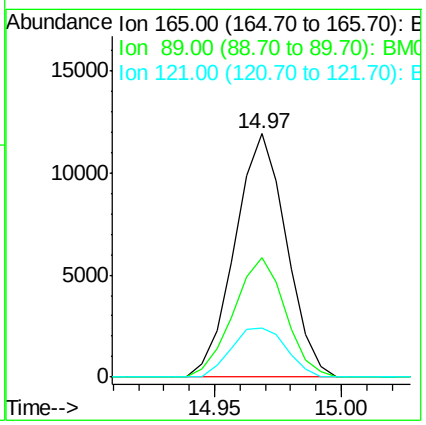
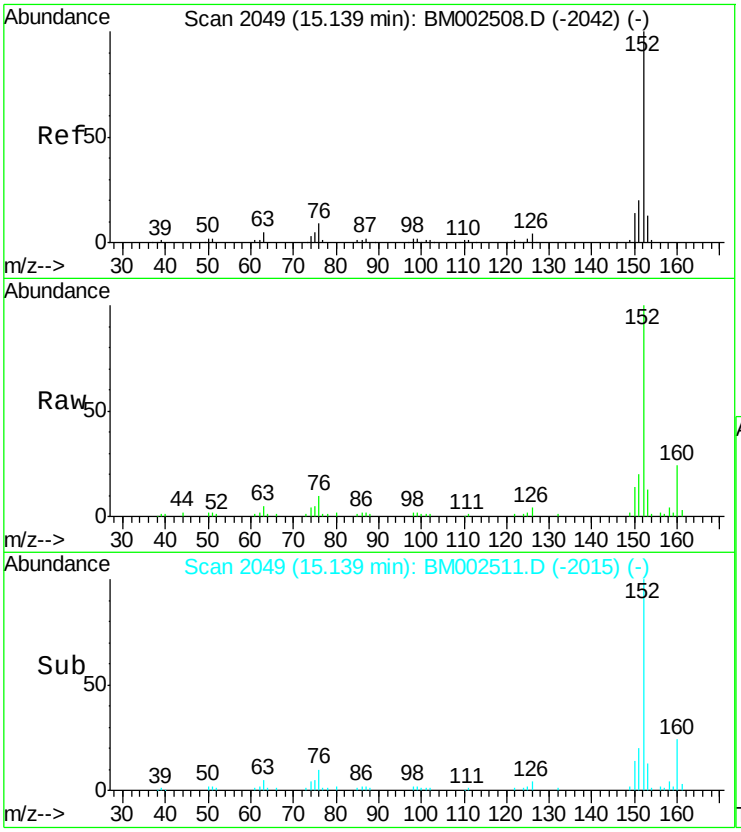


#46
2,6-Dinitrotoluene
Concen: 3.15 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:165 Resp: 16848

Ion	Ratio	Lower	Upper
165	100		
89	49.3	46.6	69.8
121	20.3	19.0	28.4

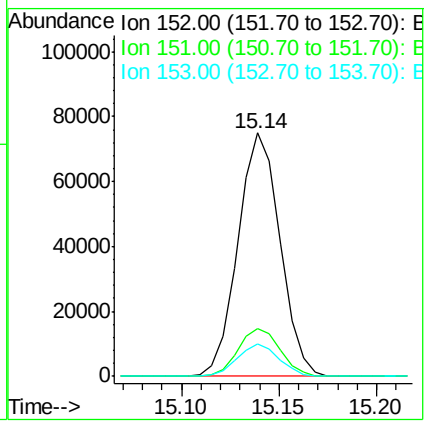




#48
Acenaphthylene
Concen: 3.06 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:152 Resp: 112014

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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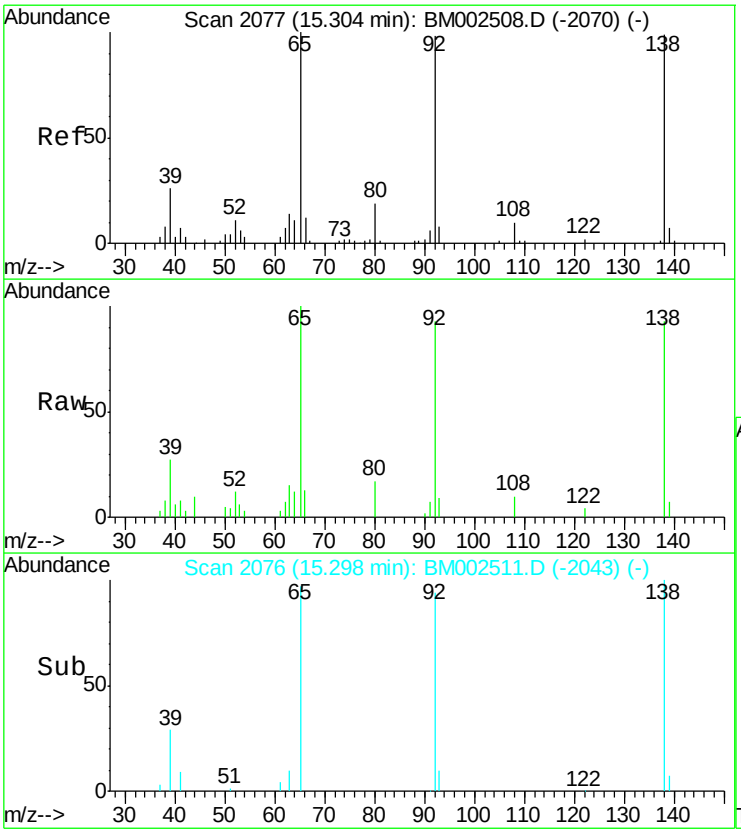
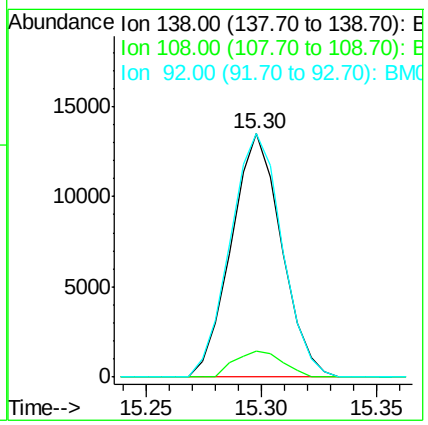
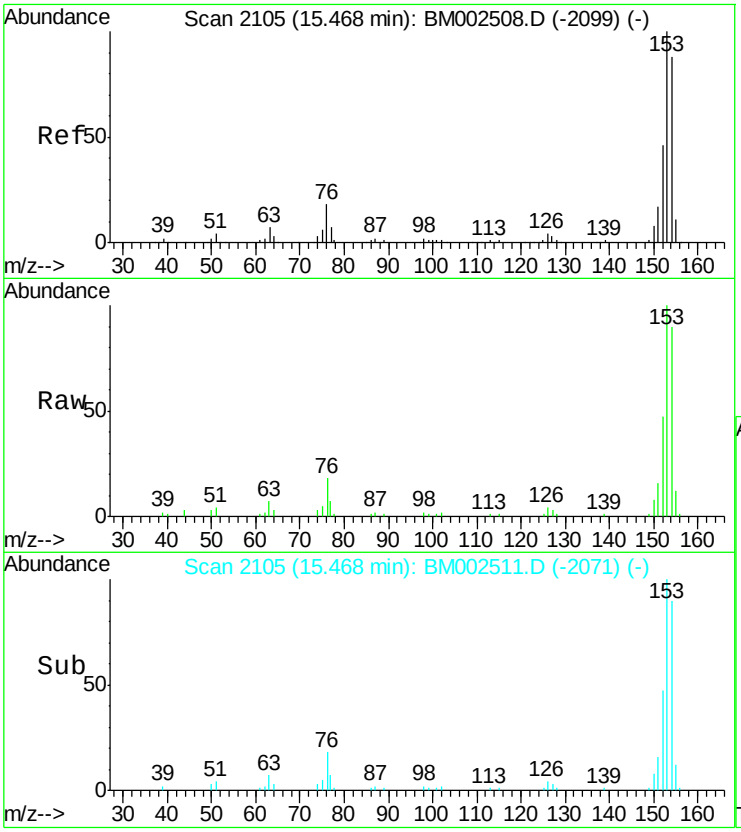


#49
3-Nitroaniline
Concen: 3.52 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:138 Resp: 20404

Ion	Ratio	Lower	Upper
138	100		
108	10.7	11.7	17.5#
92	100.2	94.3	141.5

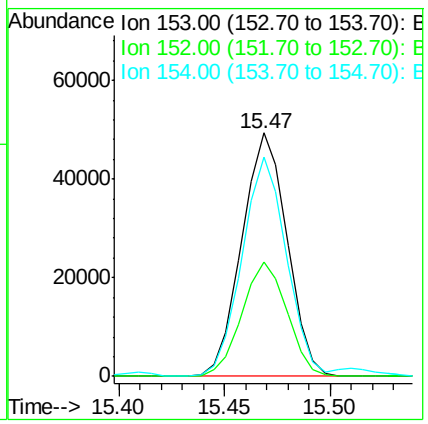




#50
Acenaphthene
Concen: 2.99 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:153 Resp: 73584

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.6	55.0
154	90.3	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
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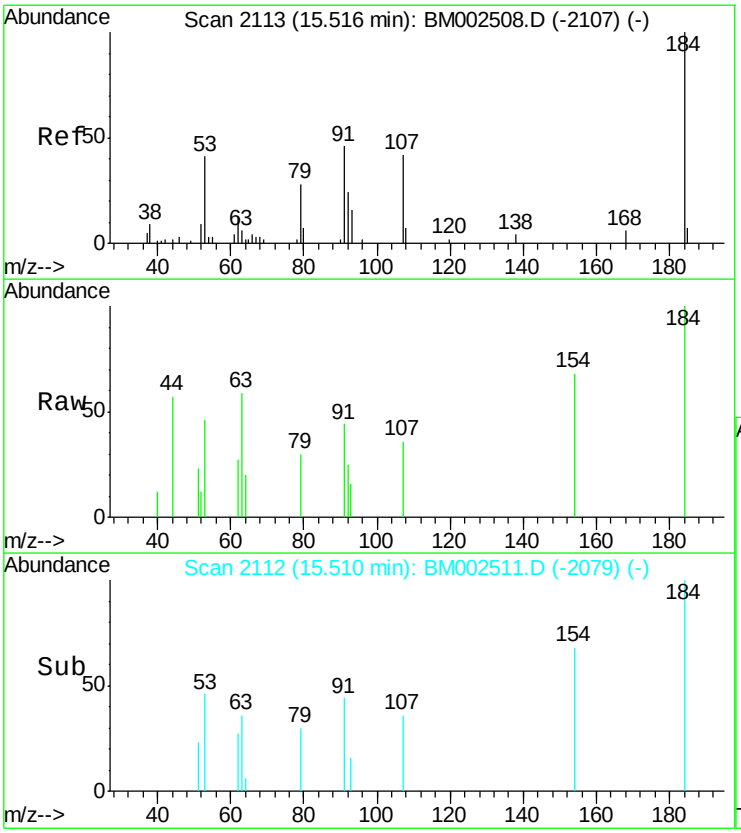
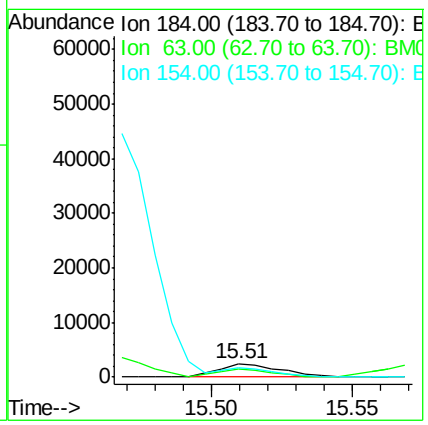
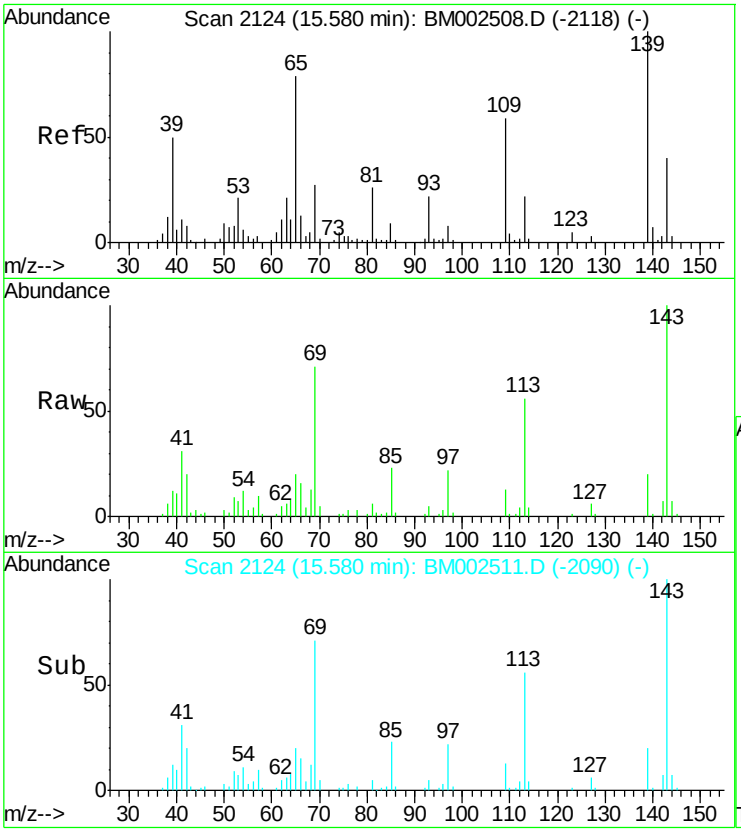


#51
2,4-Dinitrophenol
Concen: 2.05 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:184 Resp: 3797

Ion	Ratio	Lower	Upper
184	100		
63	58.9	94.8	142.2#
154	68.4	525.6	788.4#

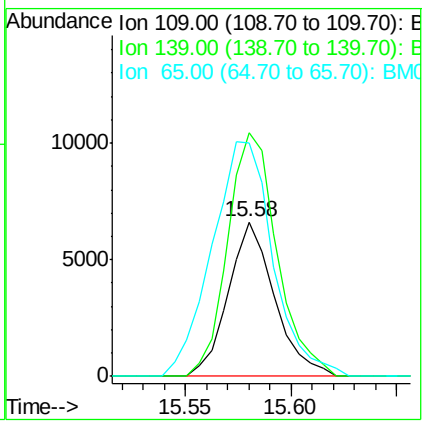




#53
4-Nitrophenol
Concen: 2.72 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:109 Resp: 10087

Ion	Ratio	Lower	Upper
109	100		
139	157.9	118.7	178.1
65	151.0	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
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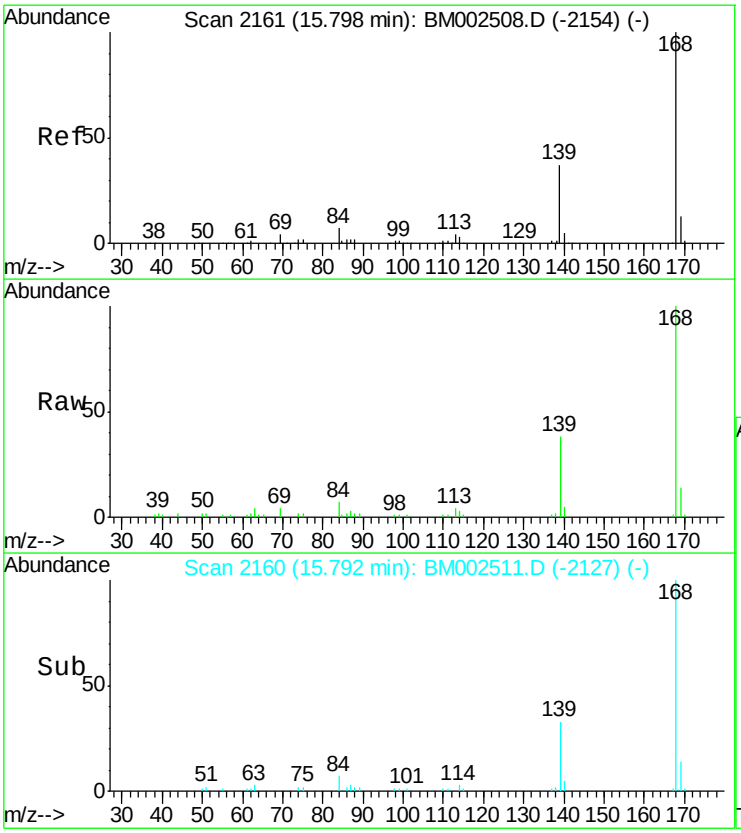
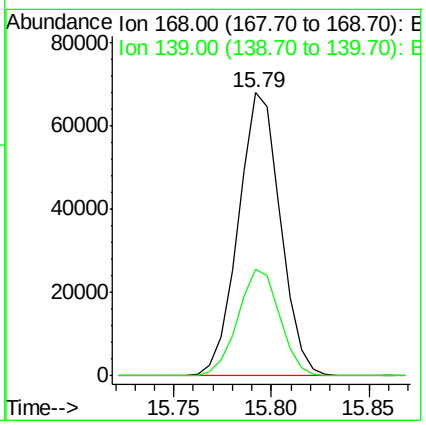
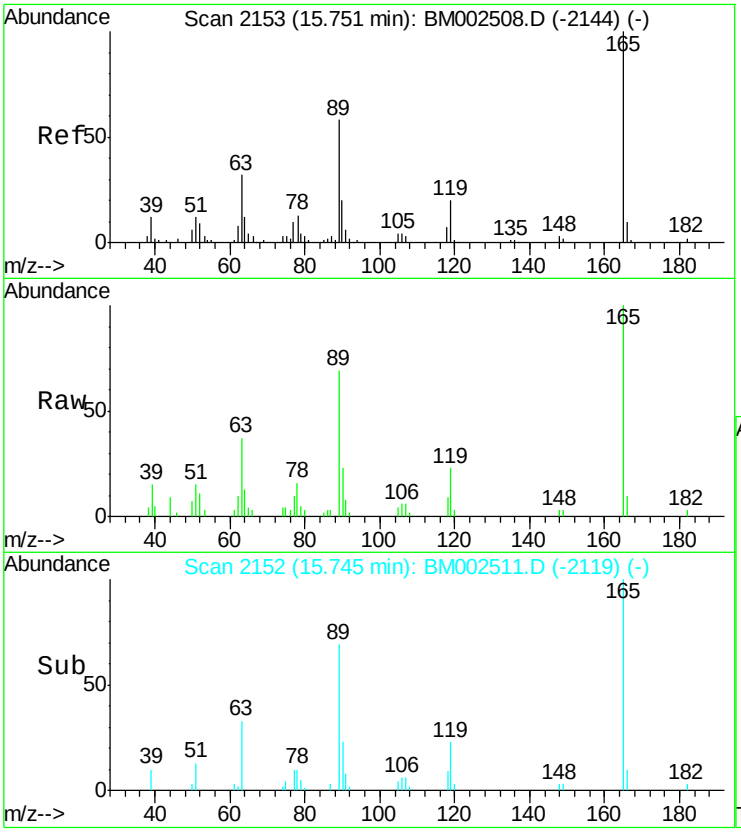


#54
Dibenzofuran
Concen: 3.09 ng/ul
RT: 15.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:168 Resp: 101469

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.3	46.9

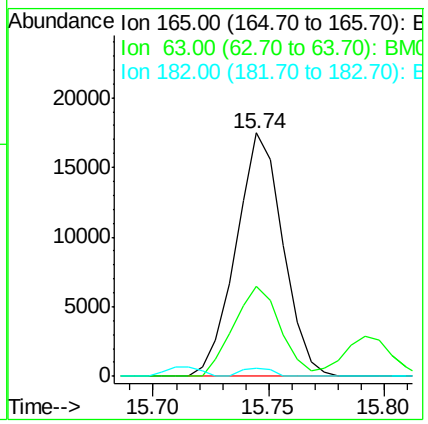




#55
2,4-Dinitrotoluene
Concen: 3.26 ng/ul
RT: 15.74 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:165 Resp: 24810

Ion	Ratio	Lower	Upper
165	100		
63	36.8	35.9	53.9
182	3.2	2.5	3.7



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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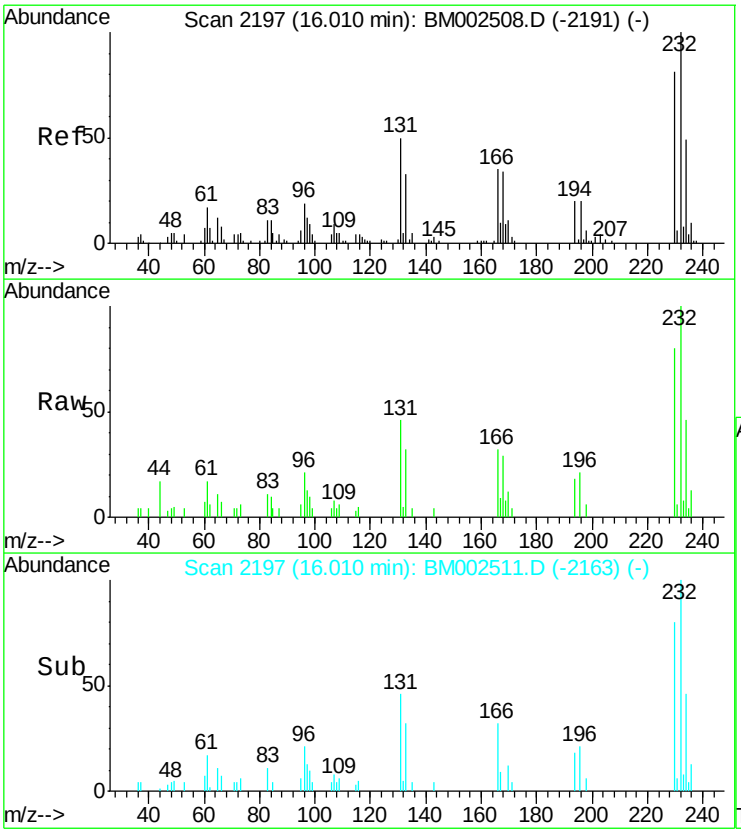
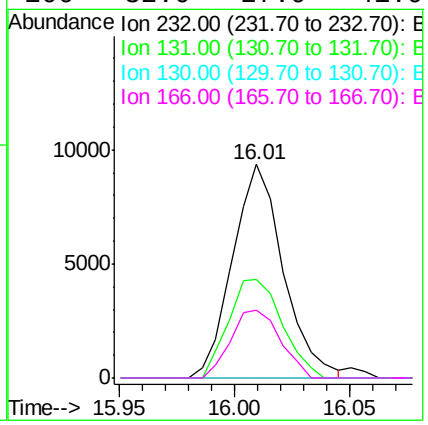
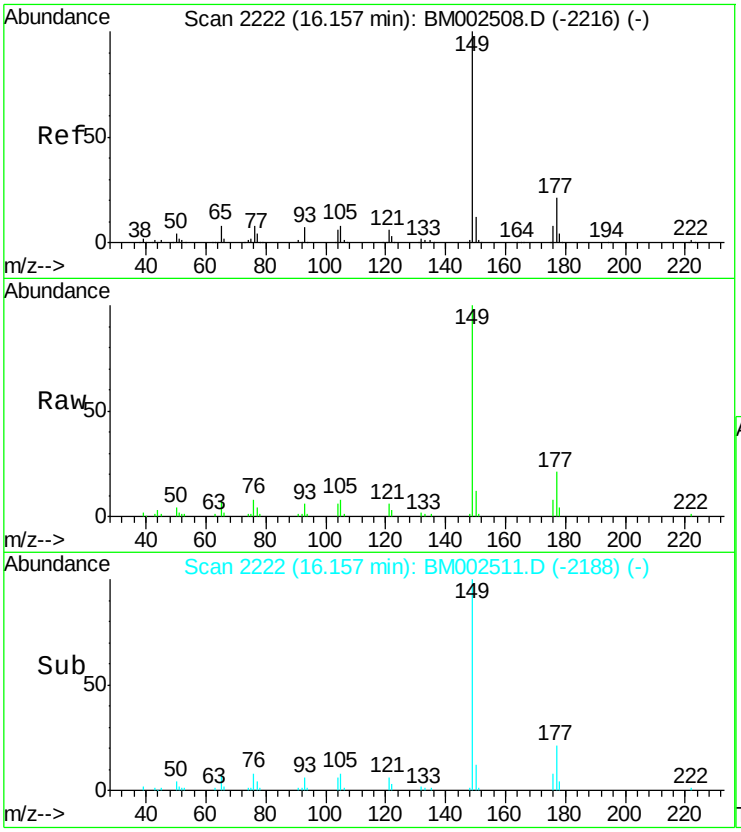


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.76 ng/ul
RT: 16.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:232 Resp: 14331

Ion	Ratio	Lower	Upper
232	100		
131	46.2	42.2	63.4
130	0.0	2.2	3.4#
166	32.0	27.9	41.9





#57
Diethylphthalate
Concen: 2.96 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:149 Resp: 90530

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.2	9.9	14.9

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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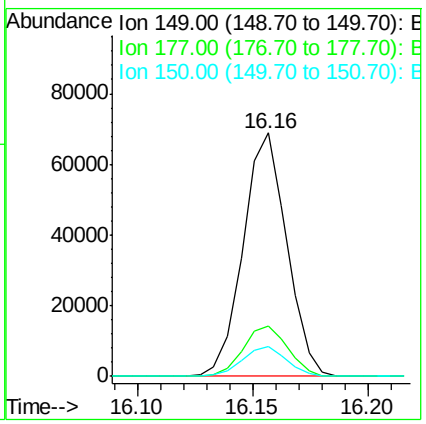
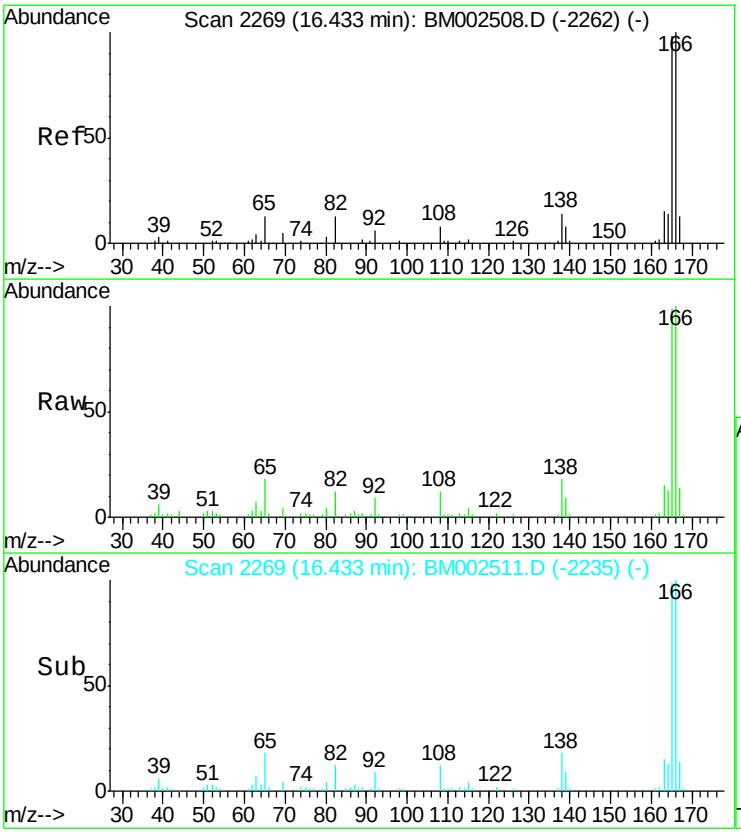
8/20/2015 3:37:18 PM

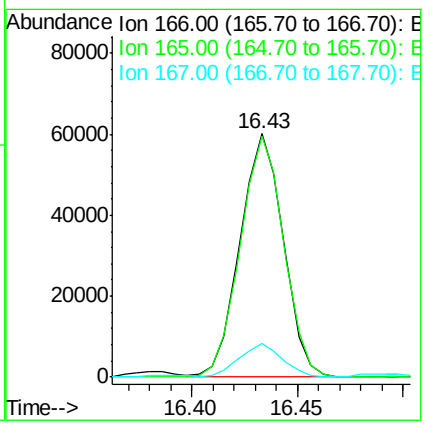


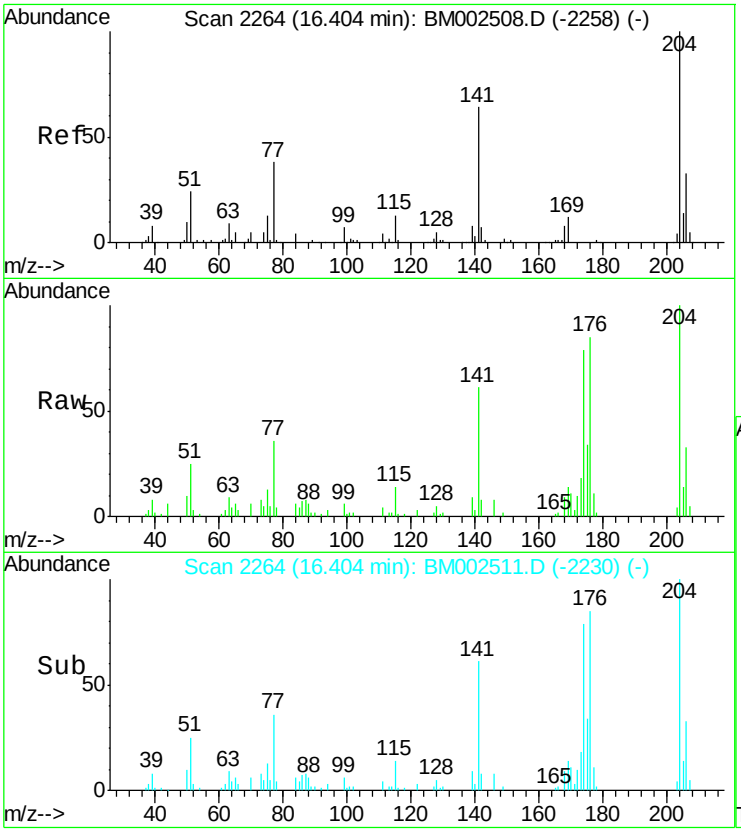


#59
Fluorene
Concen: 3.09 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:166 Resp: 85675

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.5	116.3
167	13.8	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 3.05 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:204 Resp: 38762

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	60.5	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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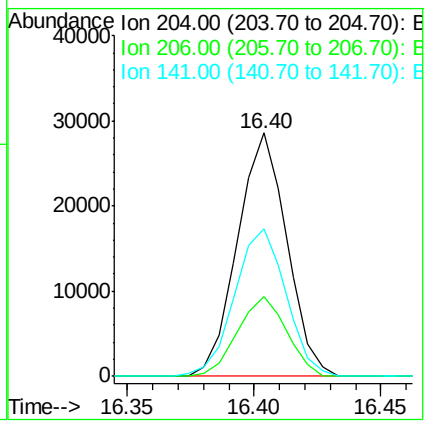
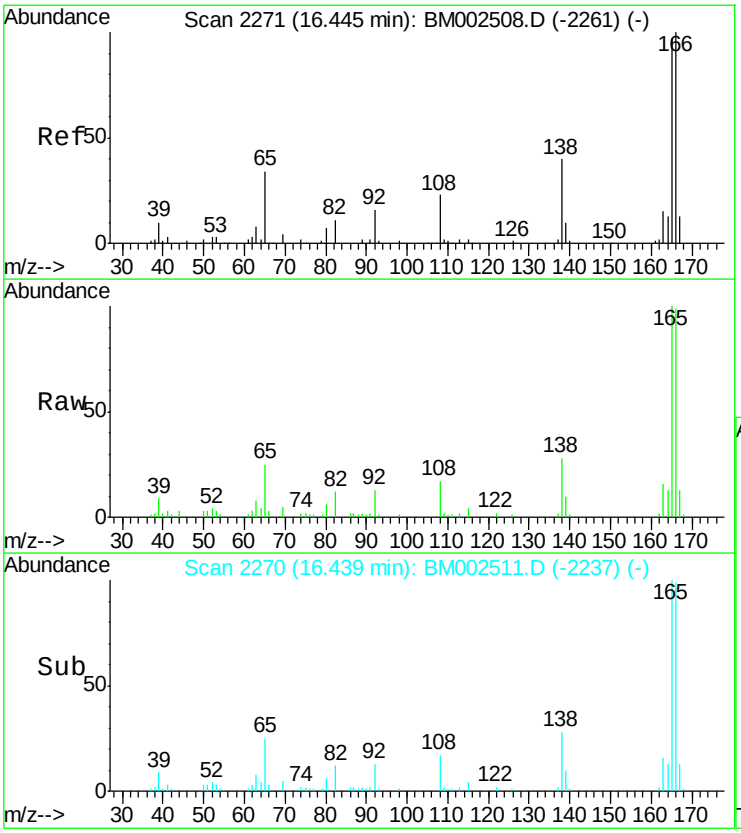
8/20/2015 3:37:18 PM

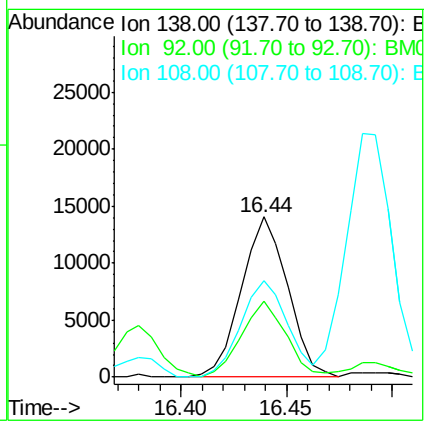


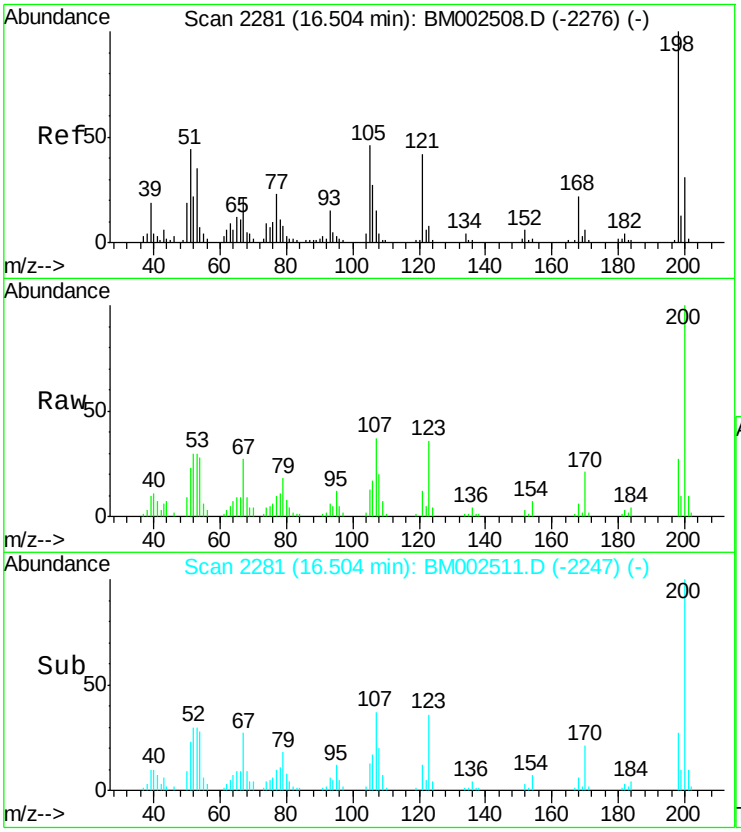


#61
4-Nitroaniline
Concen: 3.19 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:138 Resp: 21372

Ion	Ratio	Lower	Upper
138	100		
92	47.7	40.4	60.6
108	59.9	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 3.87 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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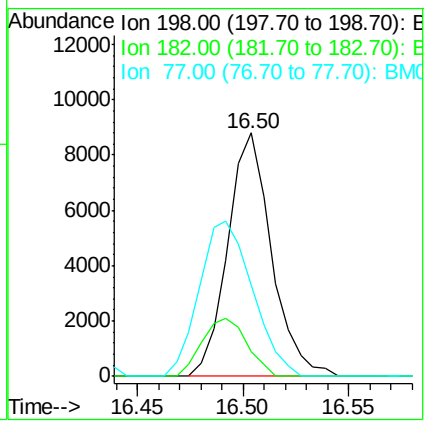
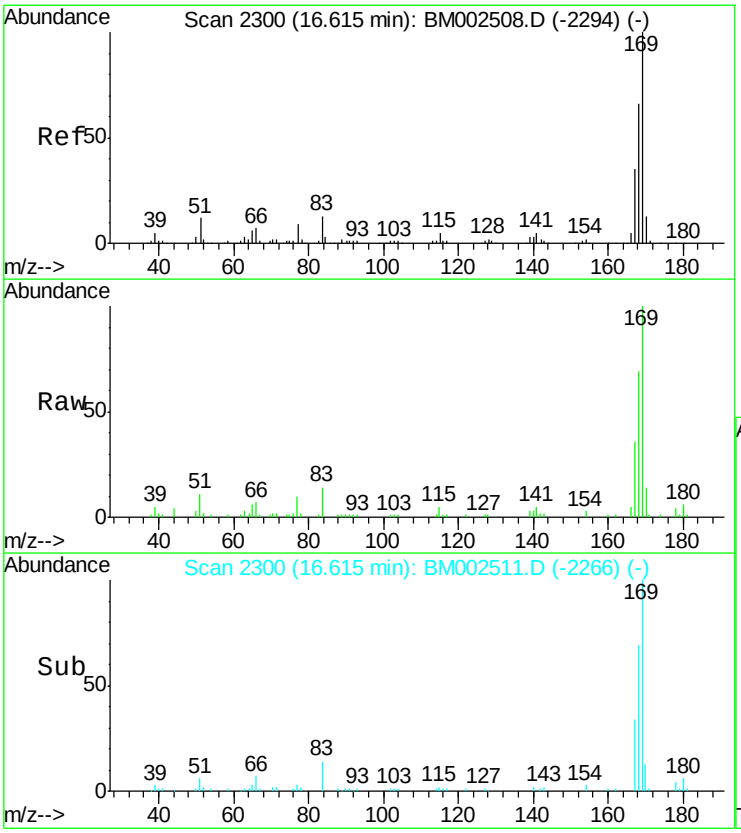
8/20/2015 3:37:18 PM

Tgt Ion:198 Resp: 12652

Ion	Ratio	Lower	Upper
198	100		
182	10.4	3.7	5.5#
77	37.5	24.2	36.4#

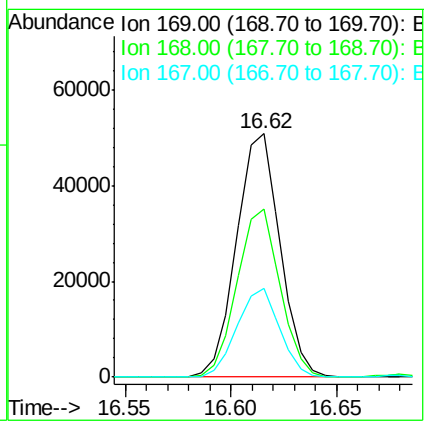


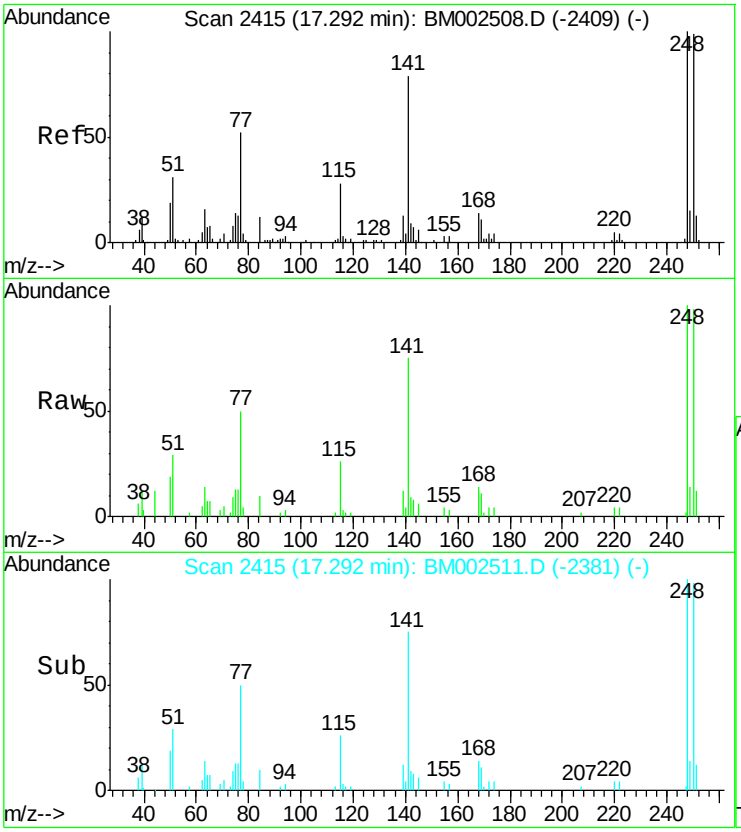


#65
N-Nitrosodiphenylamine
Concen: 2.99 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:169 Resp: 72618

Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.4	80.2
167	36.5	28.8	43.2

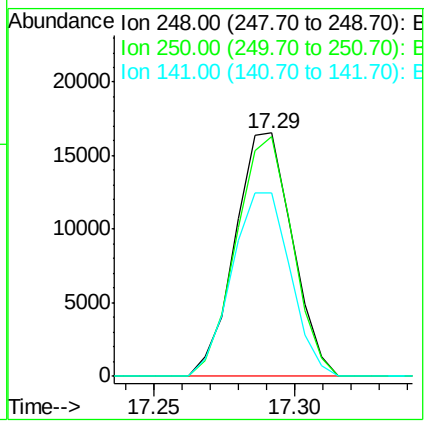




#66
4-Bromophenyl-phenylether
Concen: 3.02 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:248 Resp: 23328

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.5	117.7
141	75.1	66.2	99.4



Instrument :
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ClientSampleId :
MDL-02-S-ML

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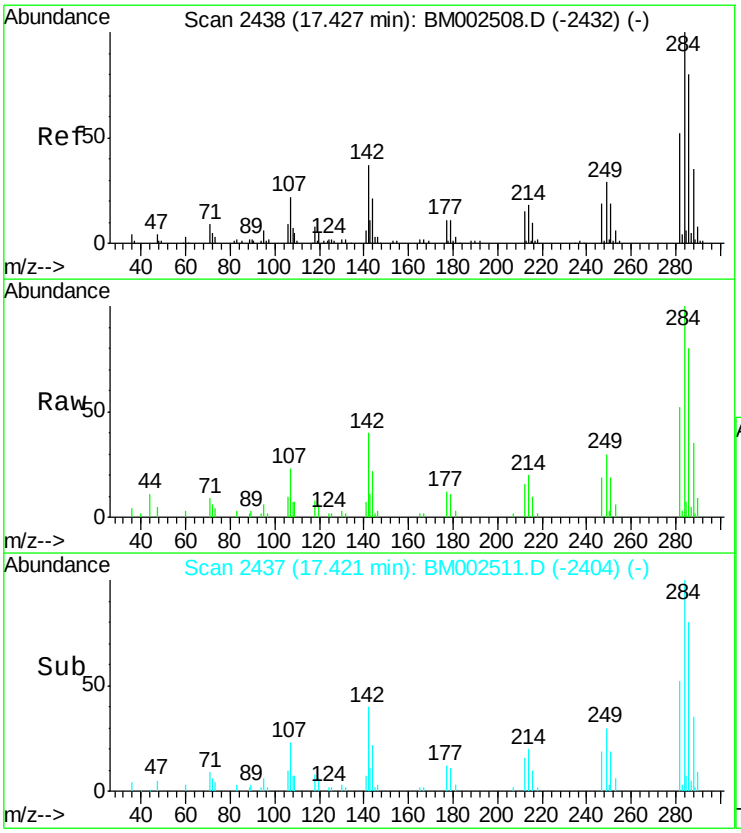
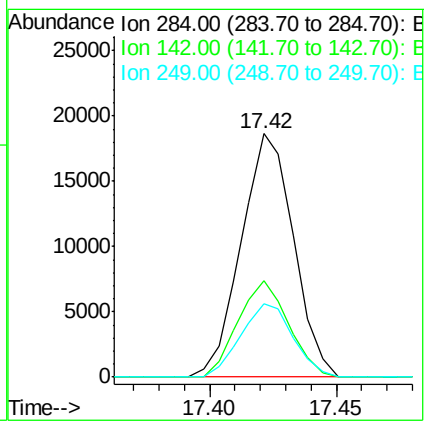
8/20/2015 3:37:18 PM

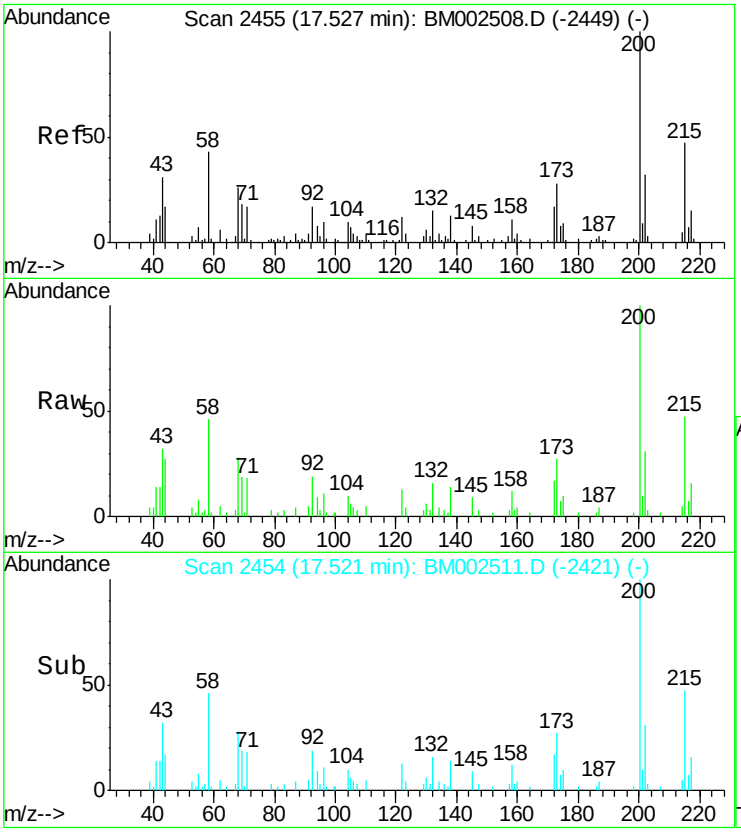


#67
Hexachlorobenzene
Concen: 3.04 ng/ul
RT: 17.42 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:284 Resp: 26771

Ion	Ratio	Lower	Upper
284	100		
142	39.5	30.2	45.4
249	30.0	24.6	36.8

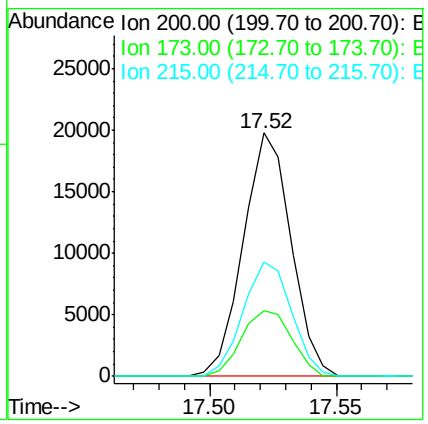




#68
Atrazine
Concen: 3.07 ng/ul
RT: 17.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:200 Resp: 25924

Ion	Ratio	Lower	Upper
200	100		
173	27.2	22.4	33.6
215	46.8	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
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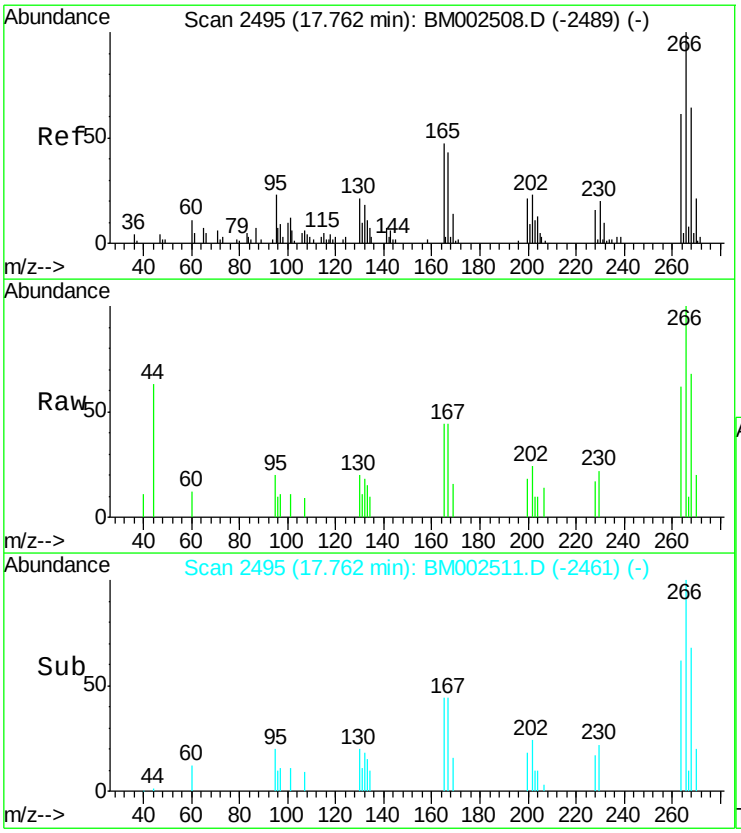
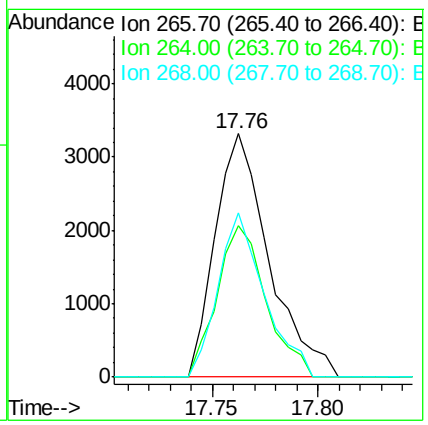
8/20/2015 3:37:18 PM

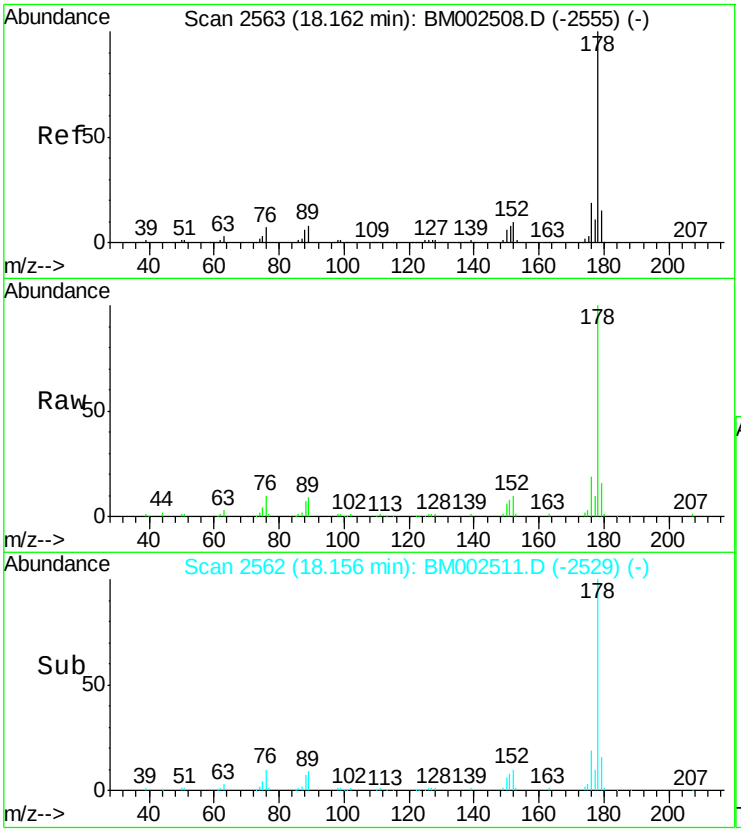


#69
Pentachlorophenol
Concen: 1.35 ng/ul
RT: 17.76 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:266 Resp: 5855

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.3	75.5
268	67.7	51.0	76.4

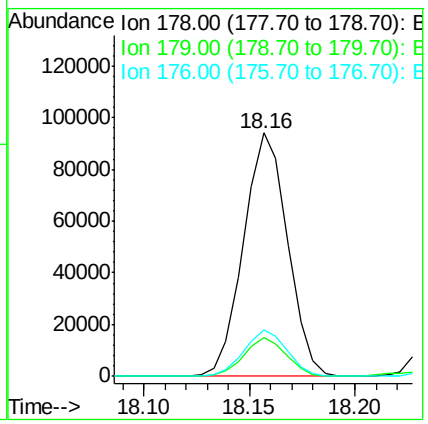




#70
Phenanthrene
Concen: 3.20 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:178 Resp: 136167

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
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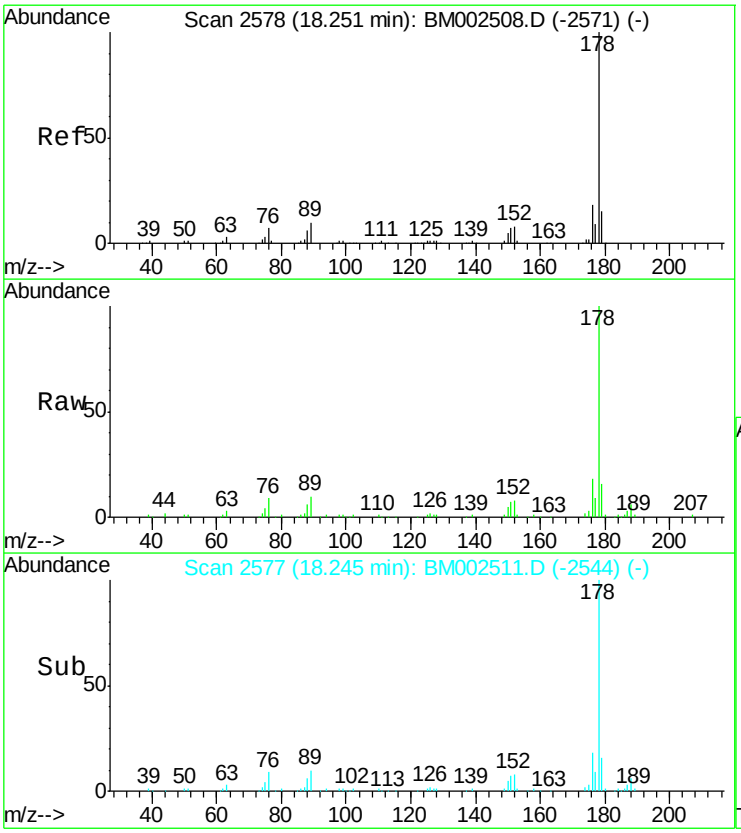
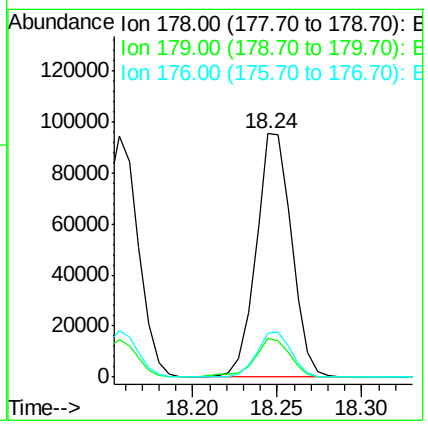
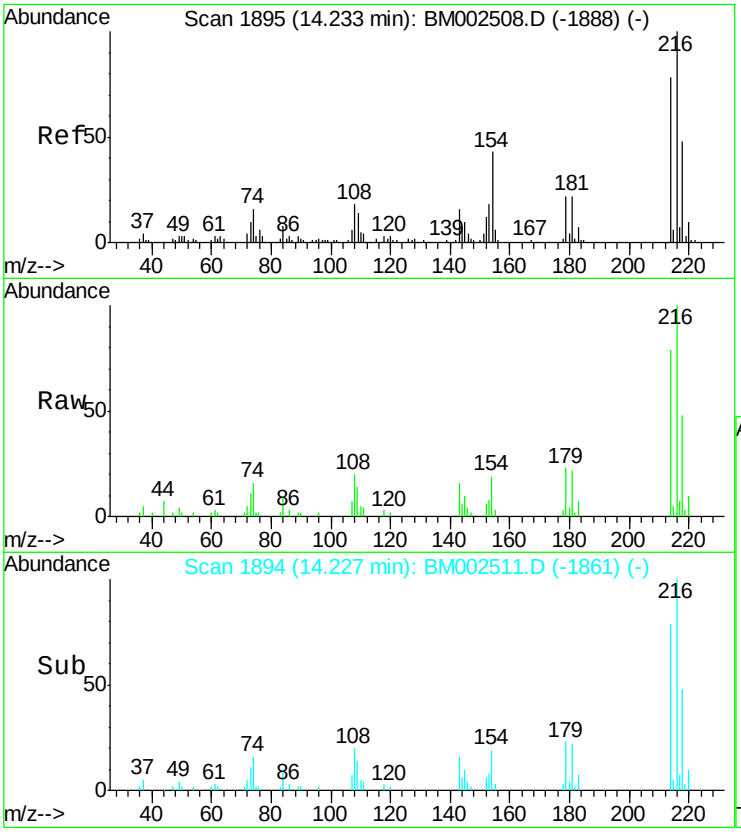


#72
Anthracene
Concen: 3.16 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:178 Resp: 138957

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.9	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.79 ng/uL
RT: 14.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:216 Resp: 28087

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
218	47.9	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
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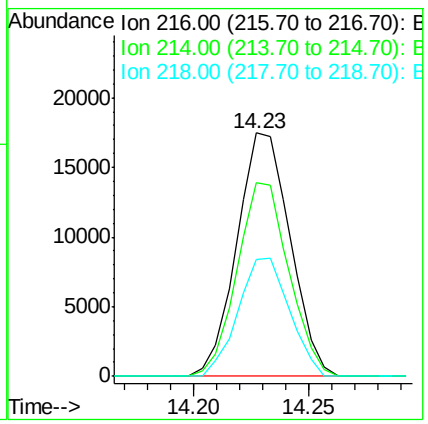
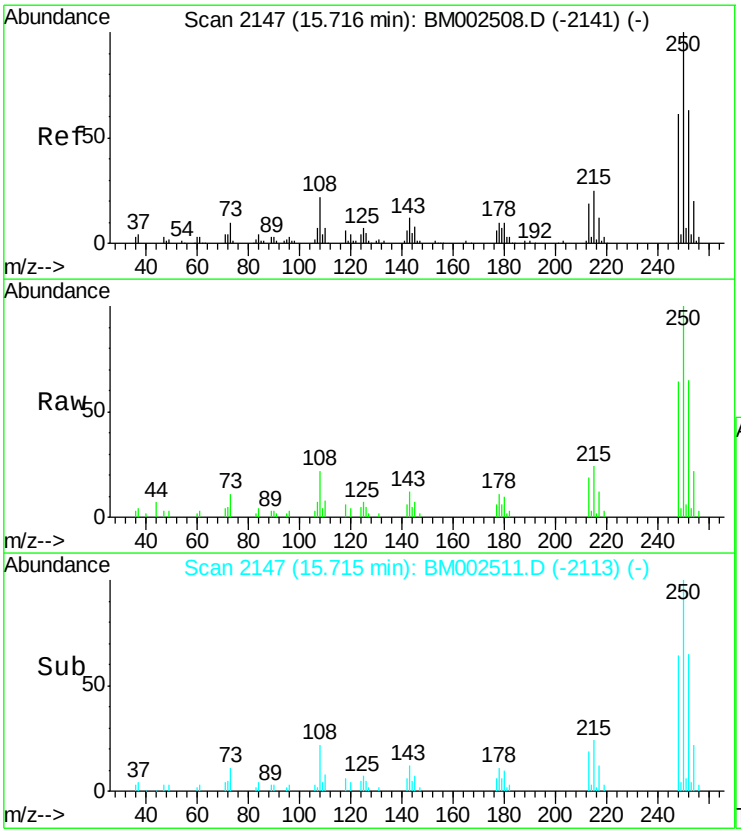
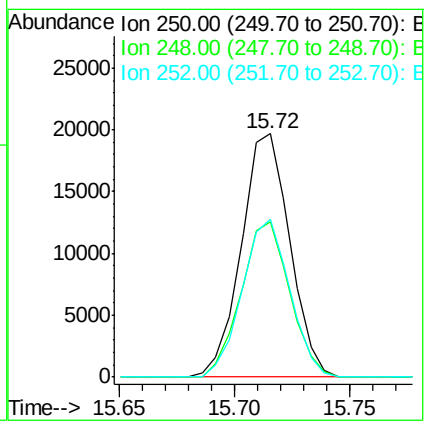


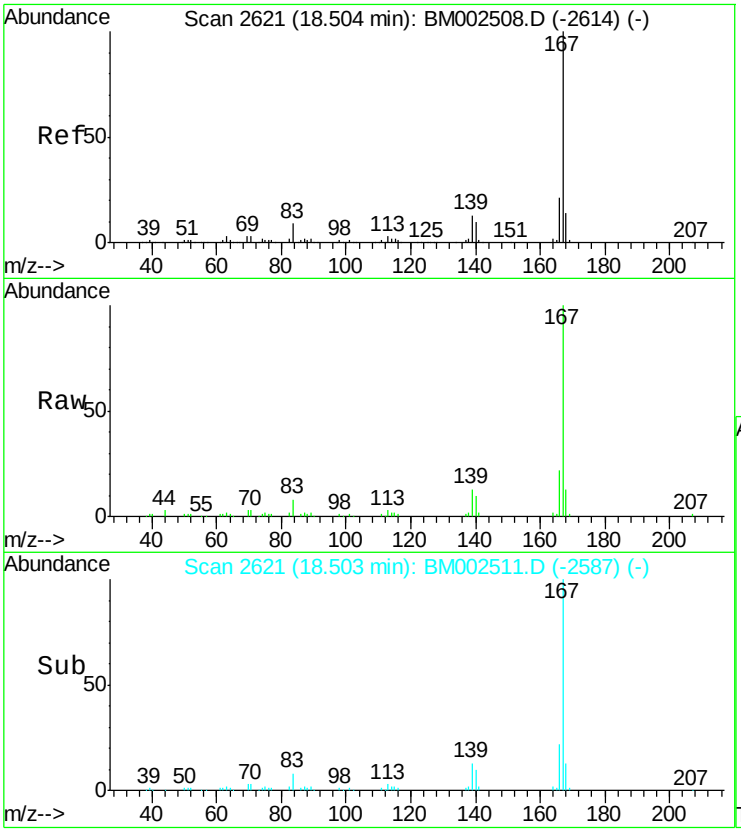


#74
Pentachlorobenzene
Concen: 2.97 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:250 Resp: 28945

Ion	Ratio	Lower	Upper
250	100		
248	63.9	51.0	76.6
252	64.9	50.1	75.1

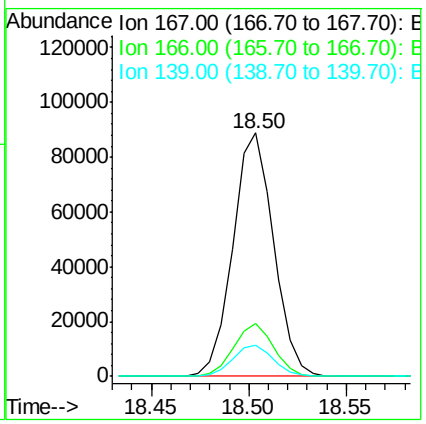




#75
Carbazole
Concen: 3.21 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:167 Resp: 127989

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.9	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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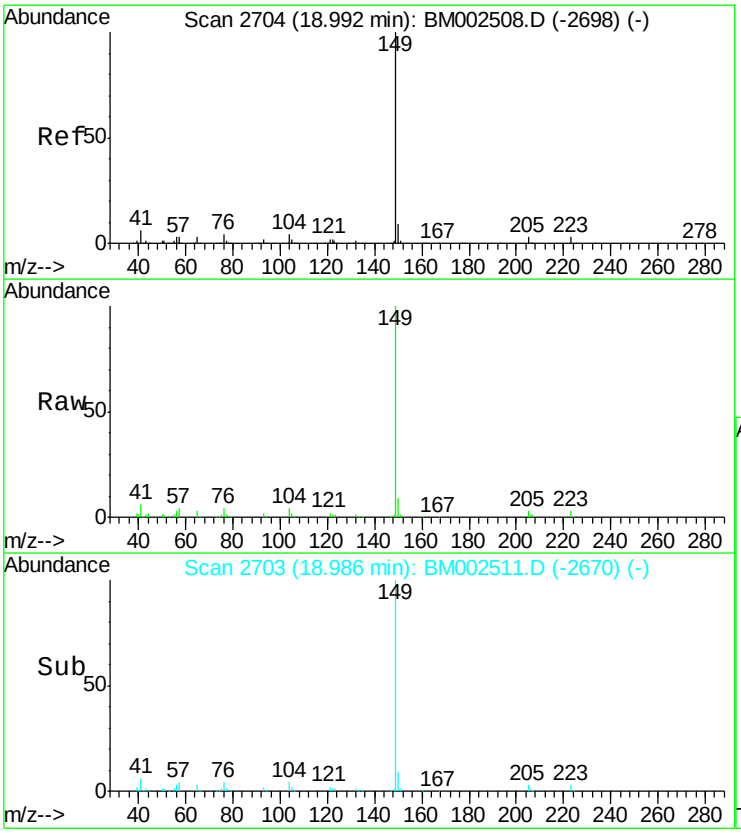
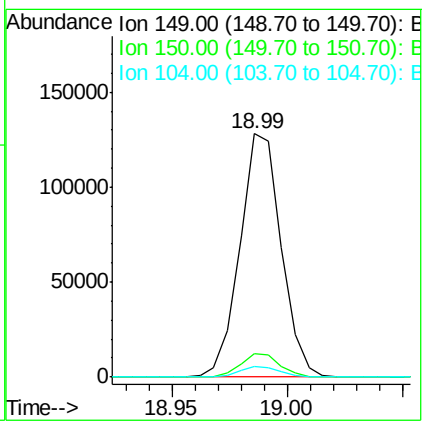
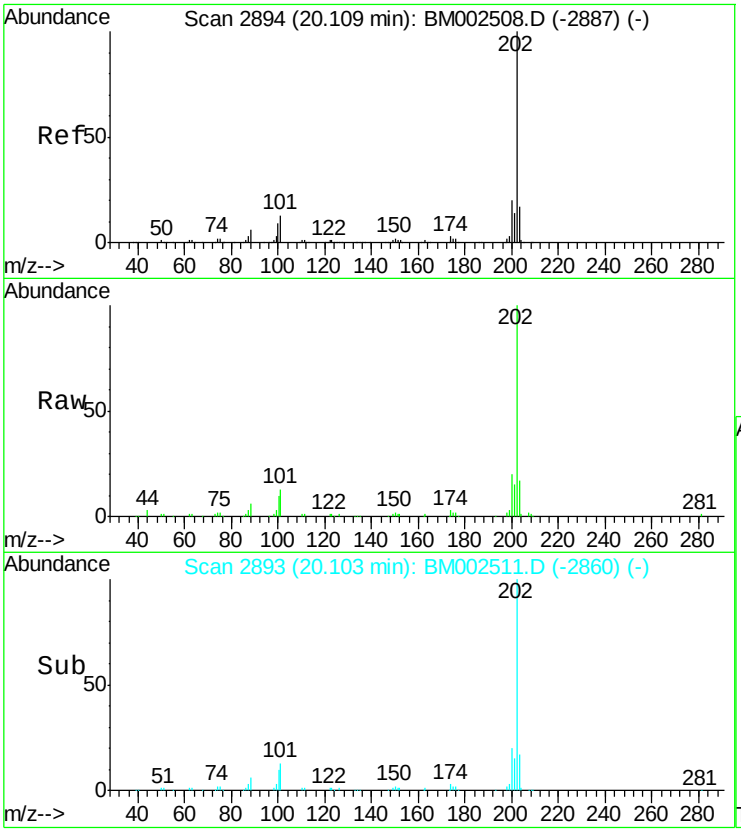


#76
Di-n-butylphthalate
Concen: 2.99 ng/ul
RT: 18.99 min Scan# 2703
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:149 Resp: 159867

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.3	3.8	5.6

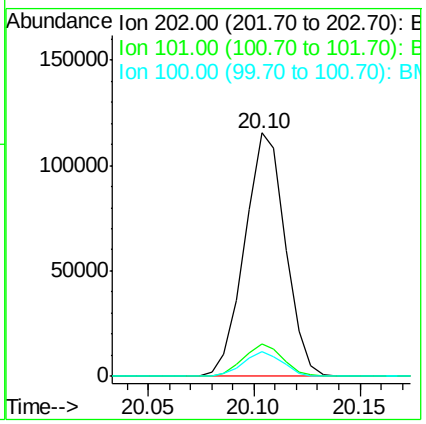




#77
Fluoranthene
Concen: 3.44 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:202 Resp: 154891

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.4	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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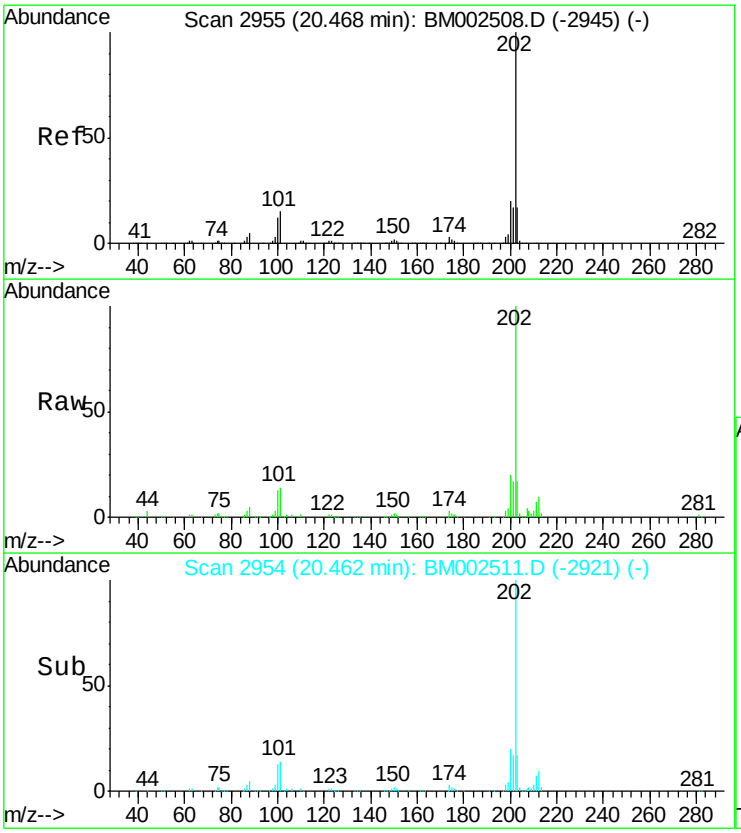
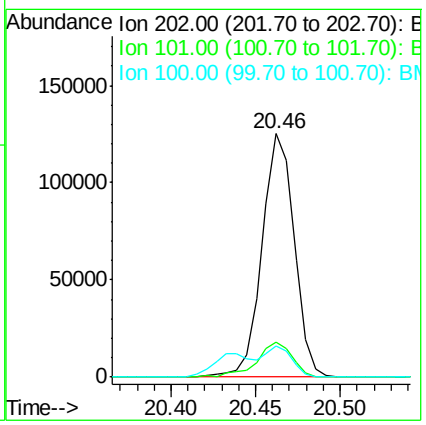
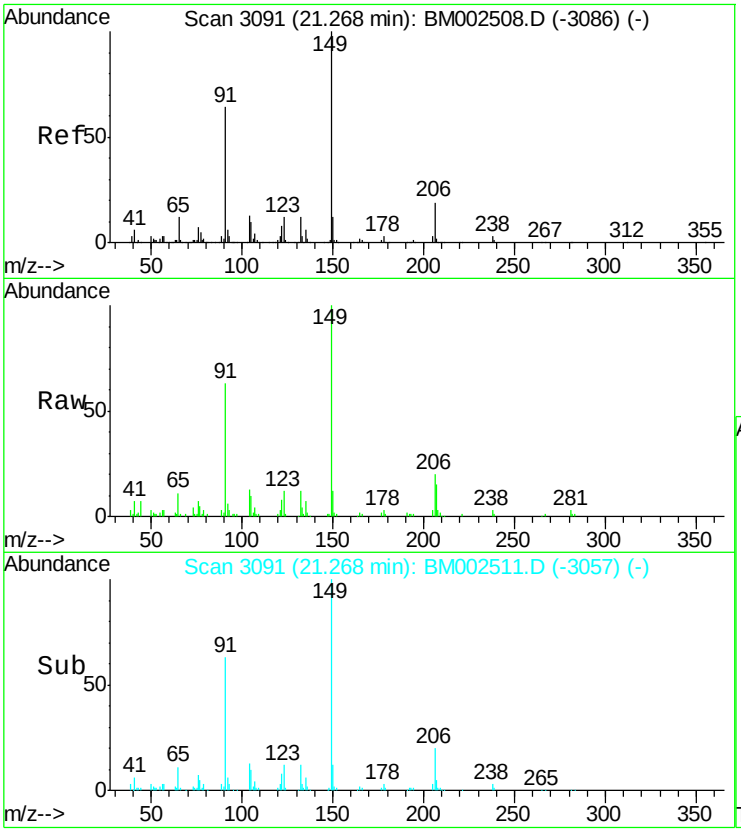


#80
Pyrene
Concen: 3.17 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:202 Resp: 166080

Ion	Ratio	Lower	Upper
202	100		
101	14.5	13.0	19.6
100	13.0	11.0	16.4

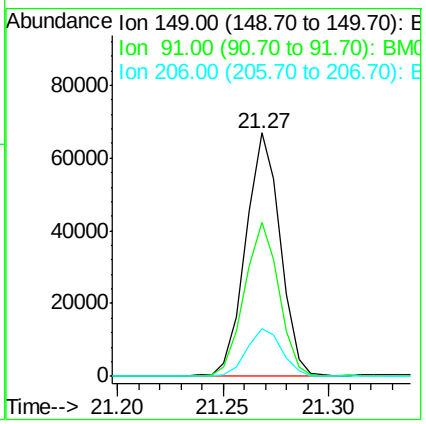




#81
Butylbenzylphthalate
Concen: 2.95 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:149 Resp: 76295

Ion	Ratio	Lower	Upper
149	100		
91	63.4	57.5	86.3
206	19.7	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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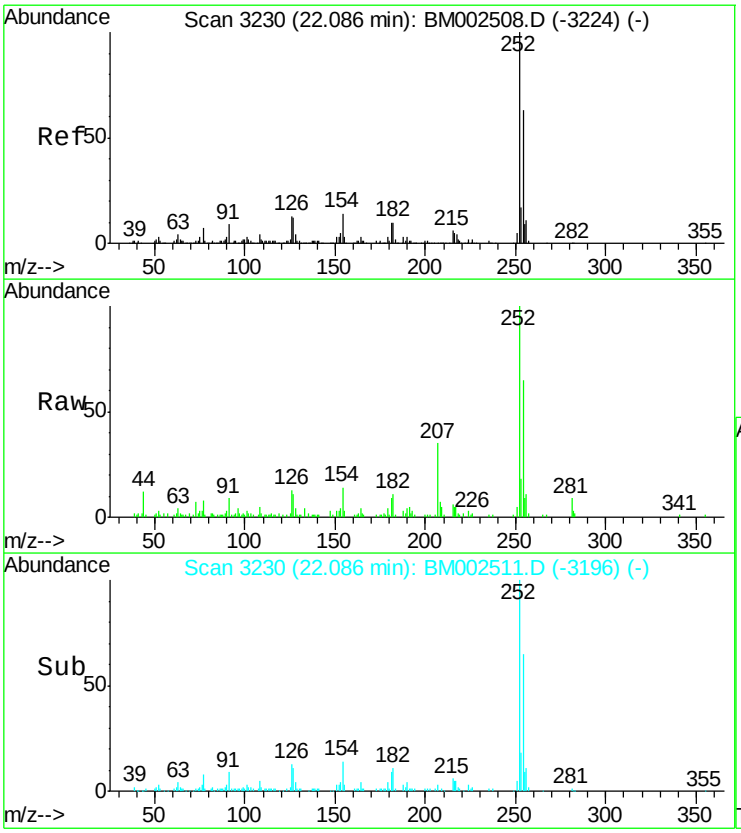
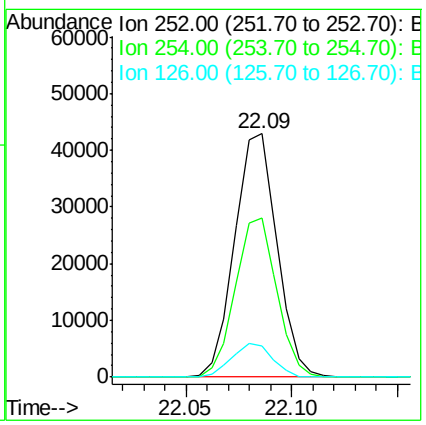
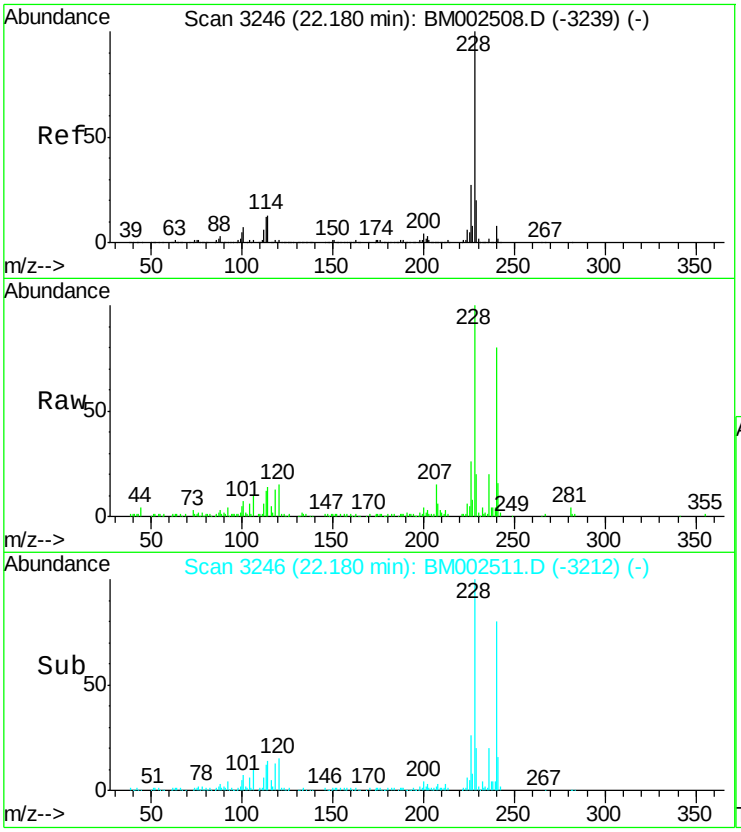


#82
3,3'-Dichlorobenzidine
Concen: 3.84 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:252 Resp: 59887

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.5	78.7
126	12.8	11.8	17.8





#83
Benzo(a)anthracene
Concen: 3.22 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:228 Resp: 159304

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	26.0	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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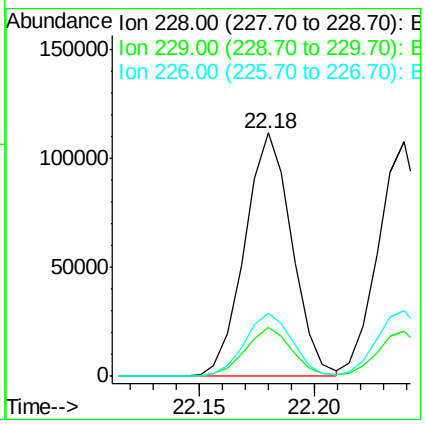
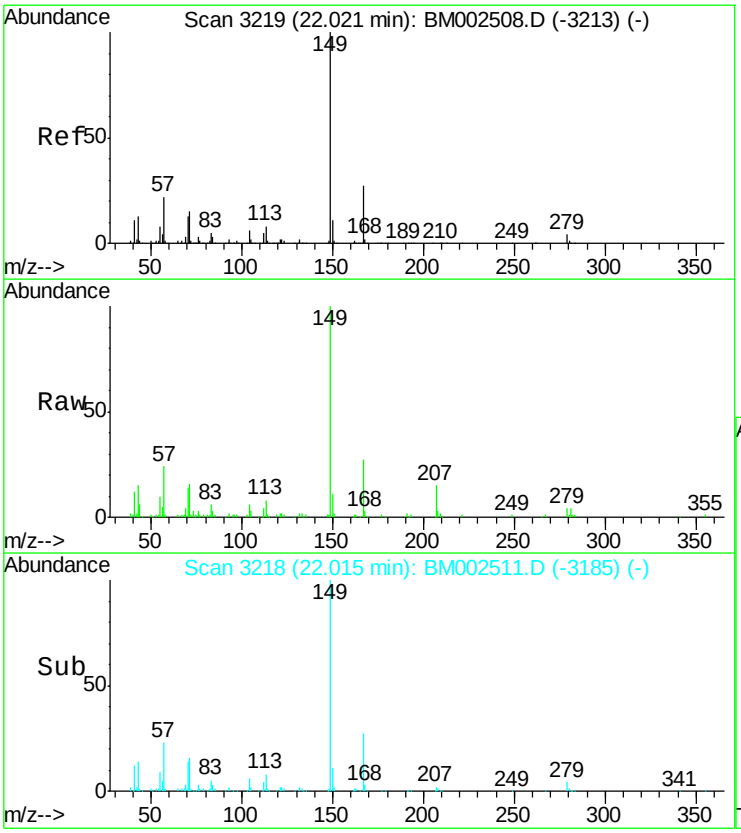
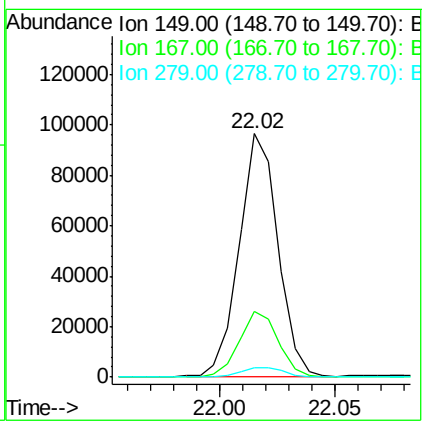


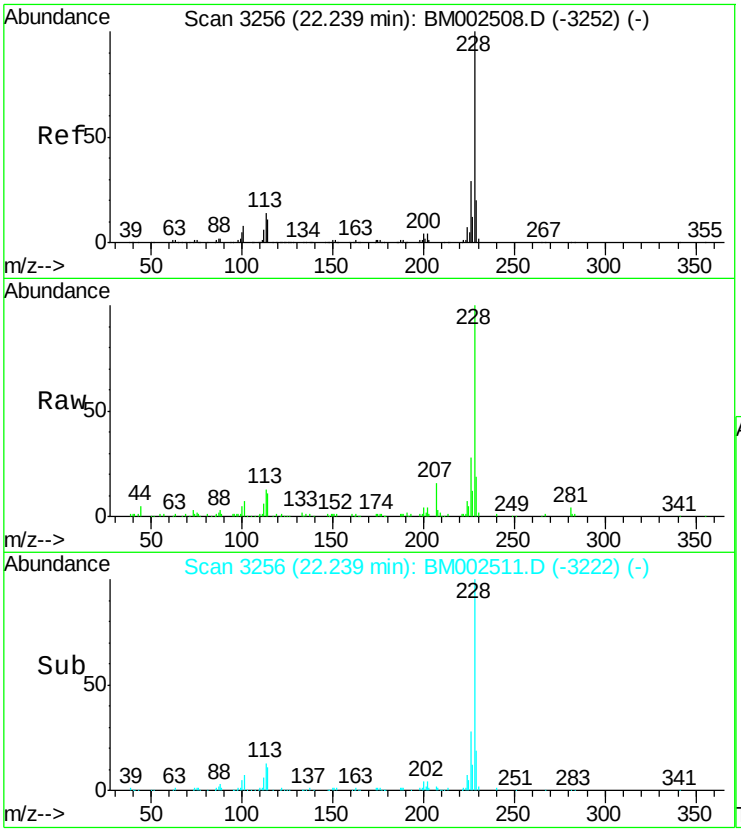


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.99 ng/ul
RT: 22.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:149 Resp: 112075

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	3.7	3.2	4.8





#85
Chrysene
Concen: 3.19 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:228 Resp: 149710

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.0
229	19.0	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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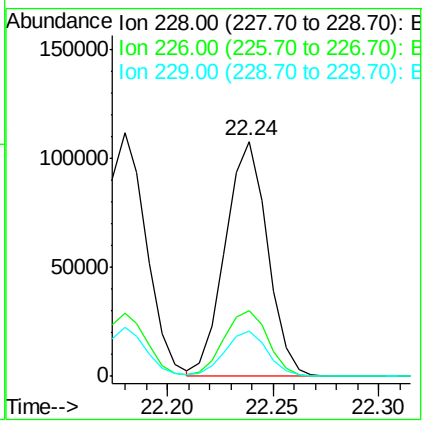
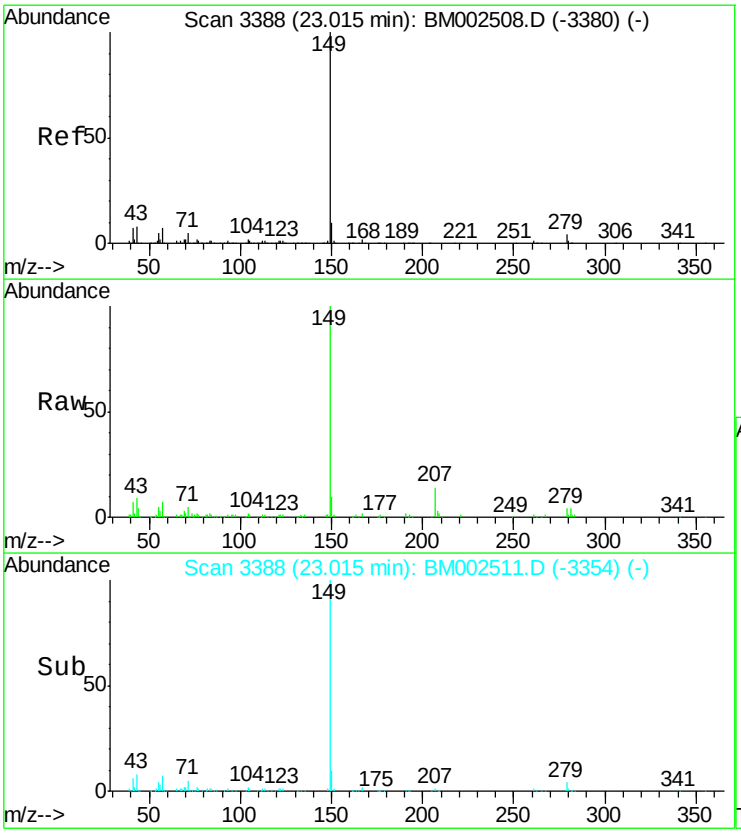
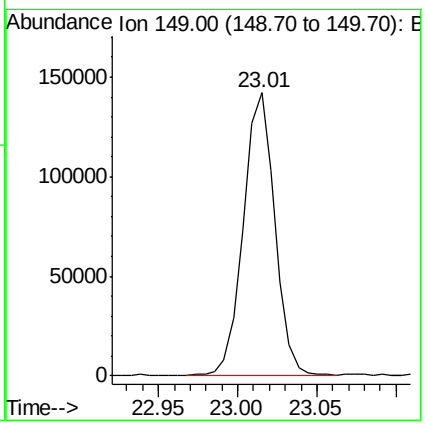
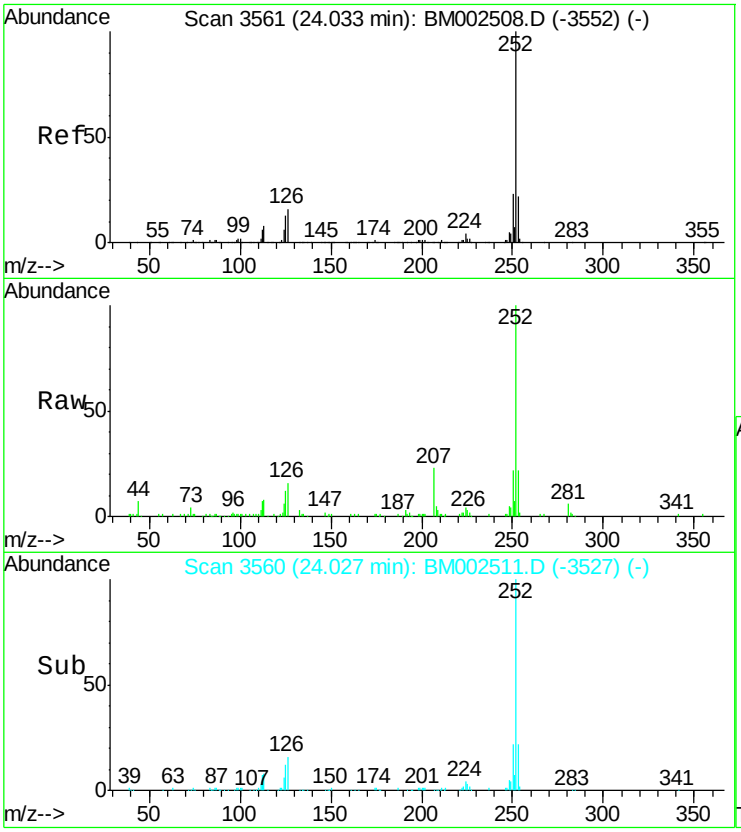




#87
Di-n-octyl phthalate
Concen: 3.08 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:149 Resp: 193992

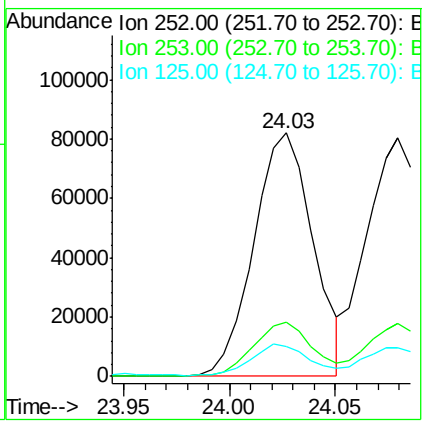




#88
Benzo(b)fluoranthene
Concen: 3.14 ng/ul
RT: 24.03 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:252 Resp: 160695

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.4	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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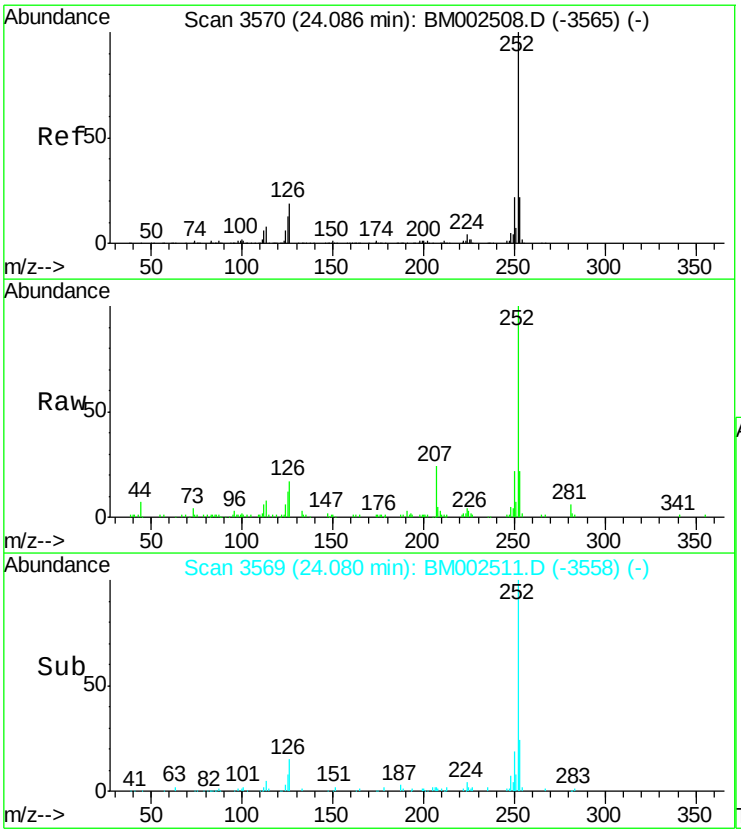
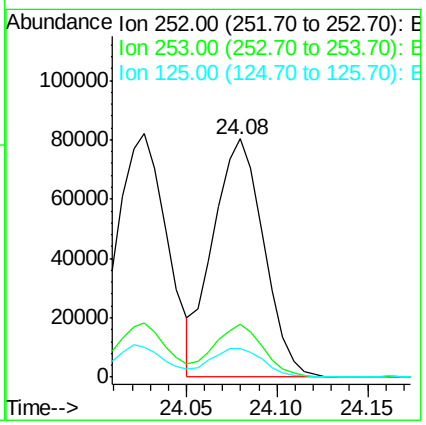
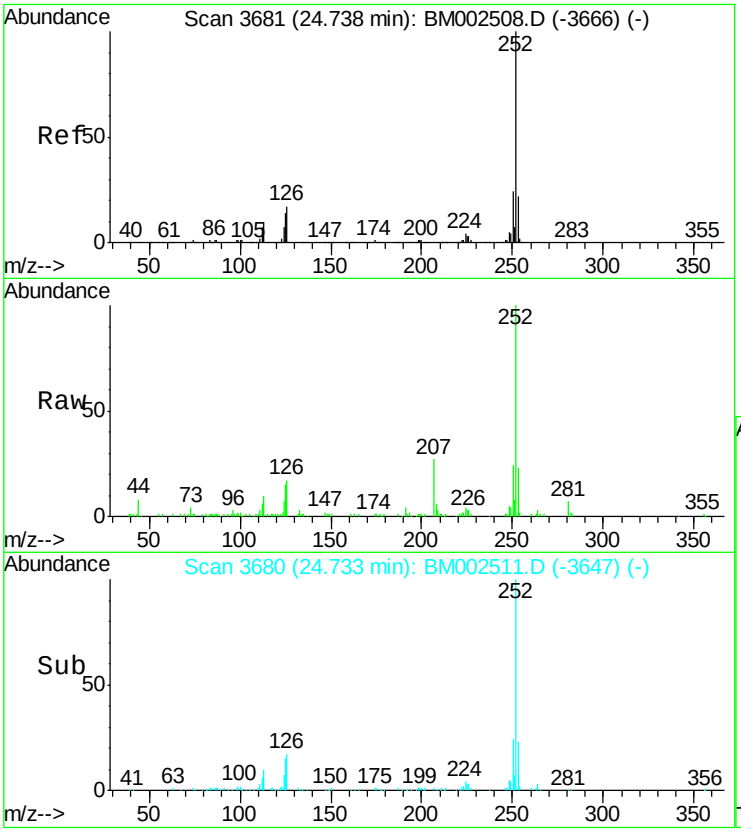


#89
Benzo(k)fluoranthene
Concen: 3.15 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:252 Resp: 154985

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.2	10.2	15.4

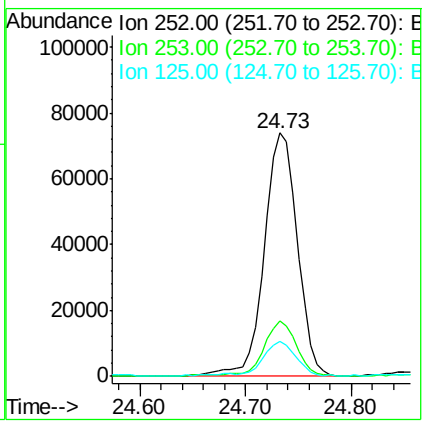




#91
Benzo(a)pyrene
Concen: 3.28 ng/ul
RT: 24.73 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:252 Resp: 160526

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.6	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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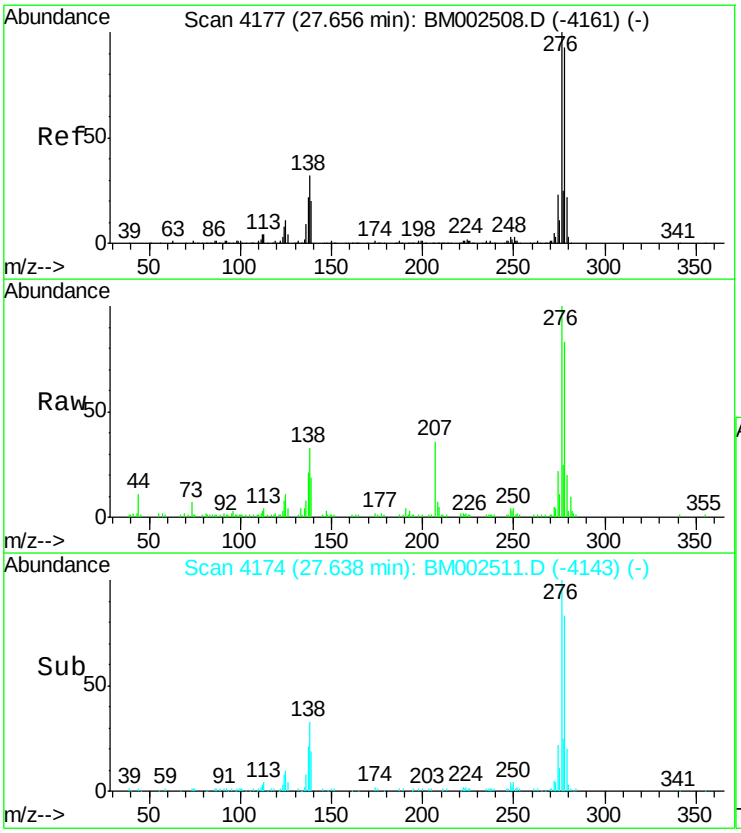
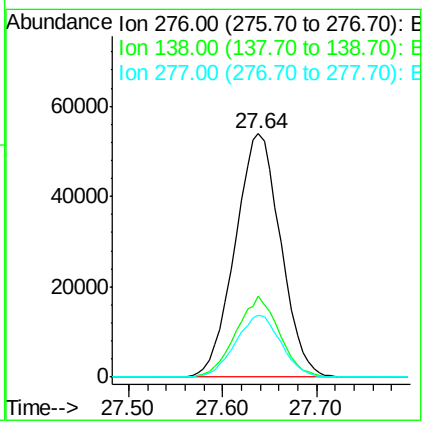
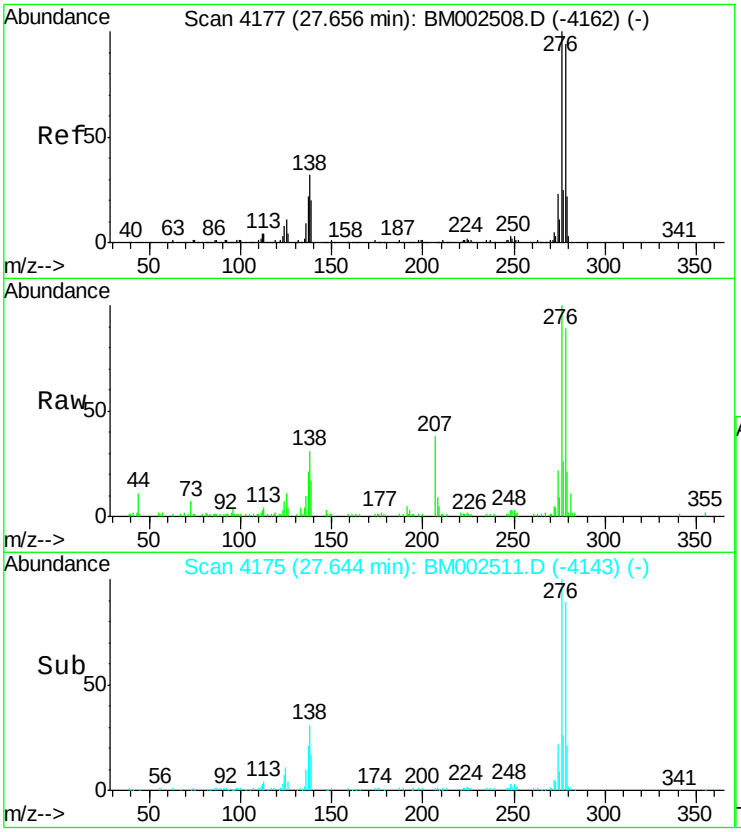


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng/ul
RT: 27.64 min Scan# 4174
Delta R.T. -0.02 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:276 Resp: 180800

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.6	38.4
277	25.4	21.0	31.4





#93
Dibenzo(a,h)anthracene
Concen: 3.19 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. -0.01 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:278 Resp: 151556

Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.4	24.6
279	23.5	18.8	28.2

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

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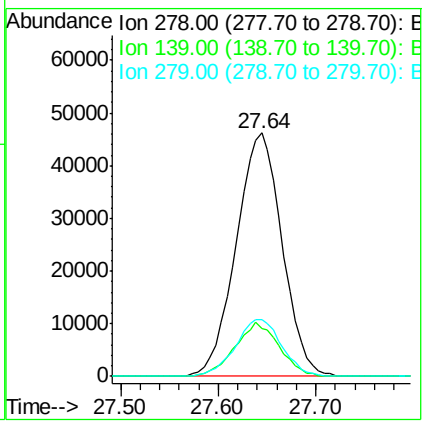

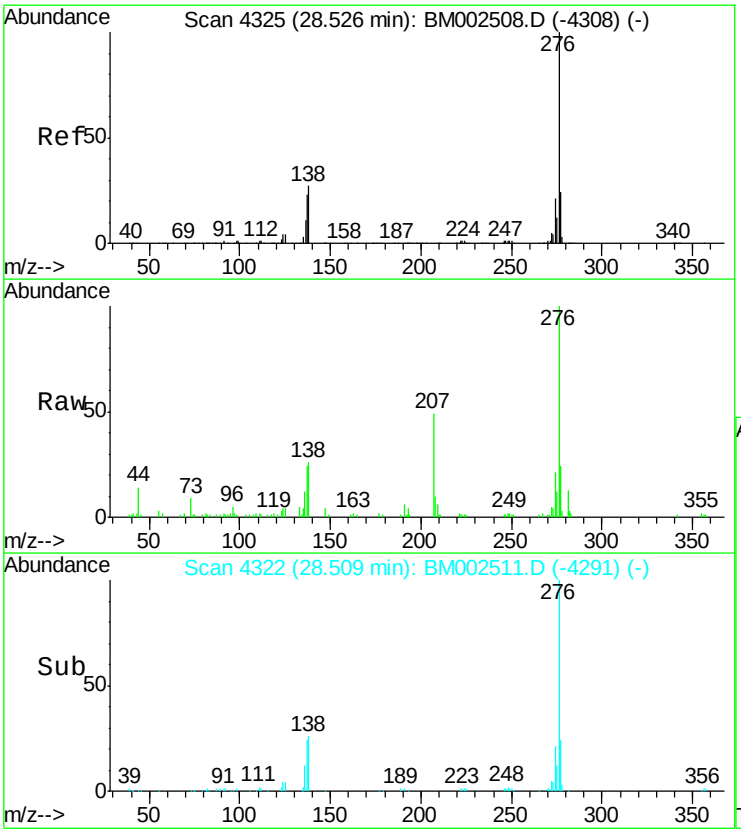

#94
Benzo(g,h,i)perylene
Concen: 3.16 ng/ul
RT: 28.51 min Scan# 4322
Delta R.T. -0.02 min
Lab File: BM002511.D
Acq: 20 Aug 2015 03:22

Tgt Ion:276 Resp: 149506

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.5	30.7
277	23.8	19.0	28.6