Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002502.D
Acq On : 19 Aug 2015 21:54
Operator : UM/IZ
Sample : MDL-02-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:32 PM

Quant Time: Aug 20 04:11:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	110736	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	545818	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	313375	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	692420	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	755163	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	776254	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14038	5.86	ng/uL	0.00
5) Phenol-d5	7.93	99	315840	31.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179726	30.39	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	281249	33.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	287887	33.55	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	151582	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	165078	45.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	269632	33.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	430071	40.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	923822	35.81	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1141115	35.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	175784	37.75	ng/ul	0.00
58) Fluorene-d10	16.38	176	776423	34.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	132679	48.76	ng/ul	0.00
71) Anthracene-d10	18.22	188	1211567	36.06	ng/ul	0.00
79) Pyrene-d10	20.44	212	1283811	35.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1519637	36.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1307	0.48	ng/uL#	33
4) Benzaldehyde	7.93	77	17992	3.04	ng/ul	97
6) Phenol	7.96	94	27116	2.64	ng/ul	91
8) Bis(2-Chloroethyl)ether	8.20	93	23129	2.93	ng/ul	91
10) 2-Chlorophenol	8.37	128	23286	2.76	ng/ul	96
11) 2-Methylphenol	9.25	108	21916	2.70	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31326	2.22	ng/ul	95
14) Acetophenone	9.66	105	37910	2.97	ng/ul#	96
15) N-Nitroso-di-n-propylamine	9.63	70	18484	2.69	ng/ul	92
16) 4-Methylphenol	9.59	108	24737	2.78	ng/ul	100
17) Hexachloroethane	9.94	117	8514	2.55	ng/ul	90
20) Nitrobenzene	10.06	77	25638	2.70	ng/ul	89
21) Isophorone	10.58	82	52967	2.80	ng/ul	97
23) 2-Nitrophenol	10.79	139	14569	3.54	ng/ul#	82
24) 2,4-Dimethylphenol	10.81	107	26252	2.60	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.05	93	31781	2.71	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	23062	3.02	ng/ul#	87
28) Naphthalene	11.75	128	83872	2.92	ng/ul	99
30) 4-Chloroaniline	11.83	127	37717	3.61	ng/ul	98
31) Hexachlorobutadiene	11.99	225	12697	2.88	ng/ul	97
32) Caprolactam	12.59	113	8997m	2.86	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	26403	2.76	ng/ul	95
34) 2-Methylnaphthalene	13.29	142	60818	2.96	ng/ul	96

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Operator : UM/IZ
Sample : MDL-02-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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8/20/2015 3:36:32 PM

Quant Time: Aug 20 04:11:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	27204	3.02	ng/ul	97
38) Hexachlorocyclopentadiene	13.60	237	5754	1.08	ng/ul	95
39) 2,4,6-Trichlorophenol	13.86	196	17063	3.04	ng/ul	99
40) 2,4,5-Trichlorophenol	13.94	196	18816	2.99	ng/ul	94
41) 1,1'-Biphenyl	14.25	154	79137	2.99	ng/ul	99
42) 2-Chloronaphthalene	14.31	162	59266	2.94	ng/ul	99
43) 2-Nitroaniline	14.50	65	16325	2.67	ng/ul#	78
45) Dimethylphthalate	14.83	163	80950	3.08	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	15185	3.08	ng/ul	96
48) Acenaphthylene	15.14	152	103128	3.06	ng/ul	99
49) 3-Nitroaniline	15.30	138	18754	3.52	ng/ul#	91
50) Acenaphthene	15.47	153	67484	2.98	ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	3219	1.89	ng/ul#	1
53) 4-Nitrophenol	15.59	109	9102	2.66	ng/ul	92
54) Dibenzofuran	15.80	168	92875	3.07	ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	22769	3.26	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	13439	2.81	ng/ul#	96
57) Diethylphthalate	16.16	149	82233	2.92	ng/ul	99
59) Fluorene	16.44	166	79832	3.13	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	35582	3.04	ng/ul	98
61) 4-Nitroaniline	16.44	138	20082	3.26	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	11554	3.78	ng/ul#	64
65) N-Nitrosodiphenylamine	16.62	169	68187	3.00	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	21256	2.94	ng/ul	96
67) Hexachlorobenzene	17.43	284	25067	3.04	ng/ul	99
68) Atrazine	17.53	200	24152	3.06	ng/ul	99
69) Pentachlorophenol	17.76	266	5013	1.24	ng/ul	93
70) Phenanthrene	18.16	178	125267	3.14	ng/ul	99
72) Anthracene	18.25	178	128588	3.12	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	25175	2.67	ng/uL	98
74) Pentachlorobenzene	15.72	250	26367	2.89	ng/uL	97
75) Carbazole	18.50	167	118109	3.17	ng/ul	99
76) Di-n-butylphthalate	18.99	149	148998	2.98	ng/ul	99
77) Fluoranthene	20.11	202	144022	3.42	ng/ul	98
80) Pyrene	20.47	202	151875	3.11	ng/ul	96
81) Butylbenzylphthalate	21.27	149	69358	2.88	ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	56279	3.88	ng/ul	97
83) Benzo(a)anthracene	22.18	228	147303	3.20	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	105297	3.02	ng/ul	99
85) Chrysene	22.24	228	138773	3.18	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	179934	3.04	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	151263	3.14	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	145465	3.14	ng/ul	99
91) Benzo(a)pyrene	24.74	252	150088	3.25	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.65	276	173125	3.27	ng/ul	98
93) Dibenzo(a,h)anthracene	27.66	278	144223	3.22	ng/ul	99
94) Benzo(g,h,i)perylene	28.52	276	143017	3.20	ng/ul	99

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002502.D
Acq On : 19 Aug 2015 21:54
Operator : UM/IZ
Sample : MDL-02-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 04:11:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
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Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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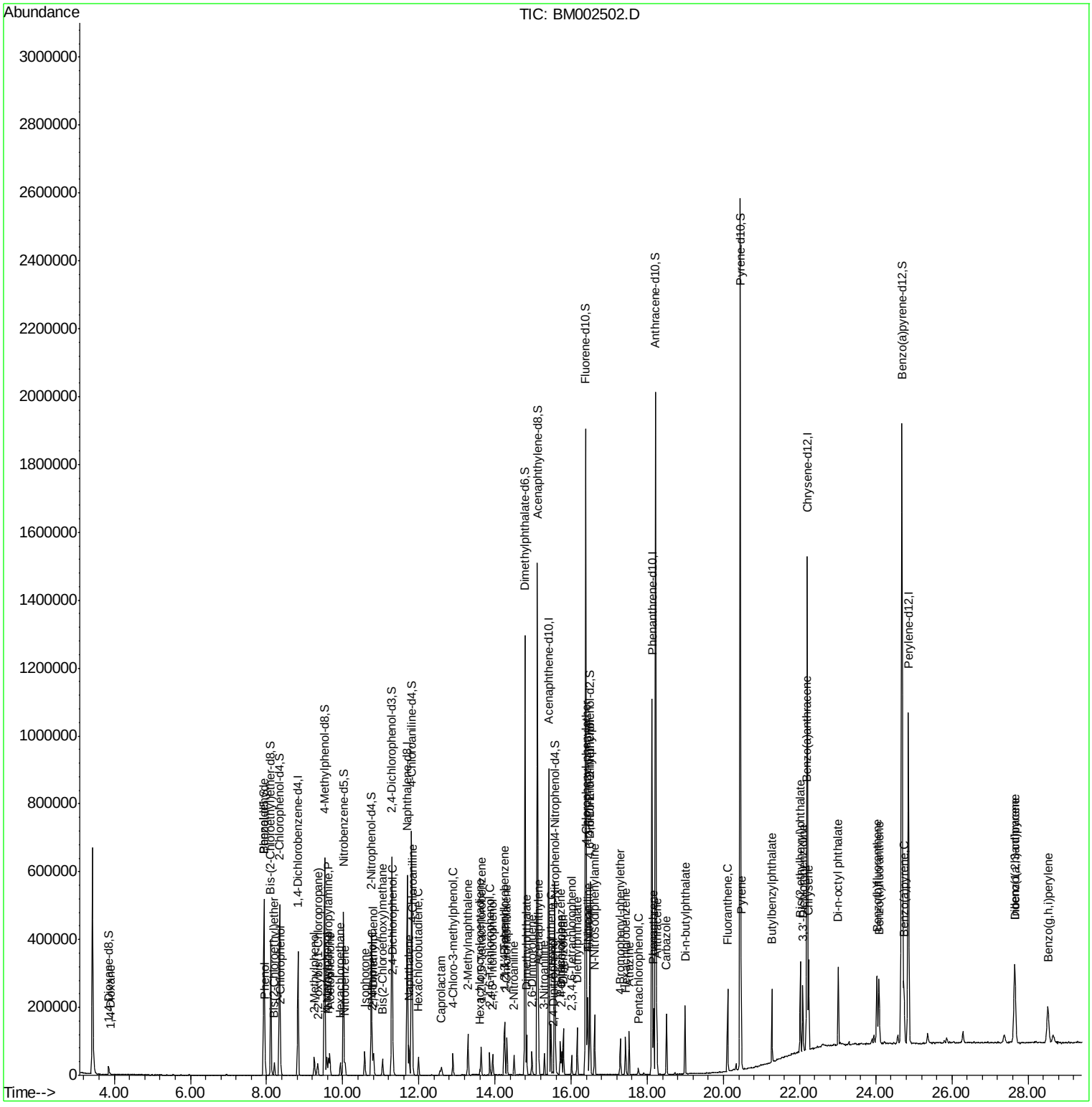
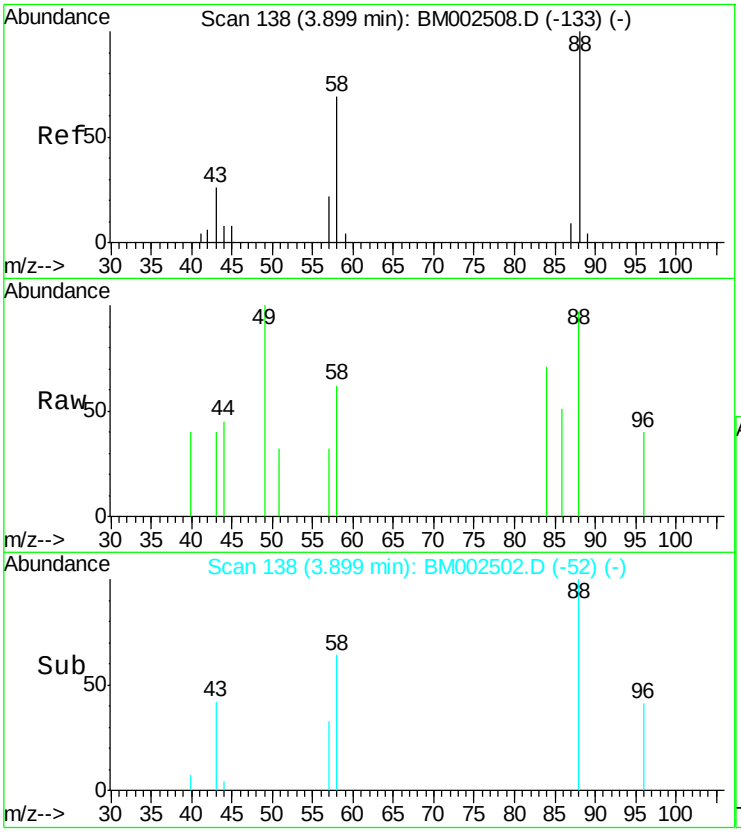
8/20/2015 3:36:32 PM

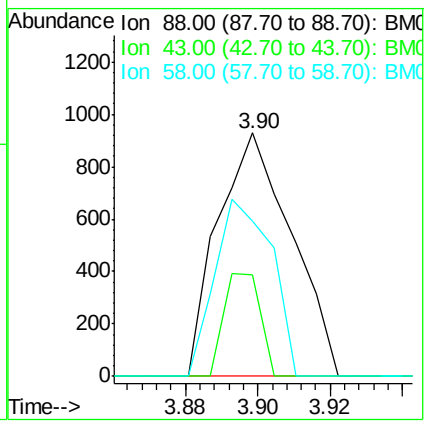




#2
1,4-Dioxane
Concen: 0.48 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. 0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 88 Resp: 1307

Ion	Ratio	Lower	Upper
88	100		
43	21.0	2.3	3.5#
58	56.0	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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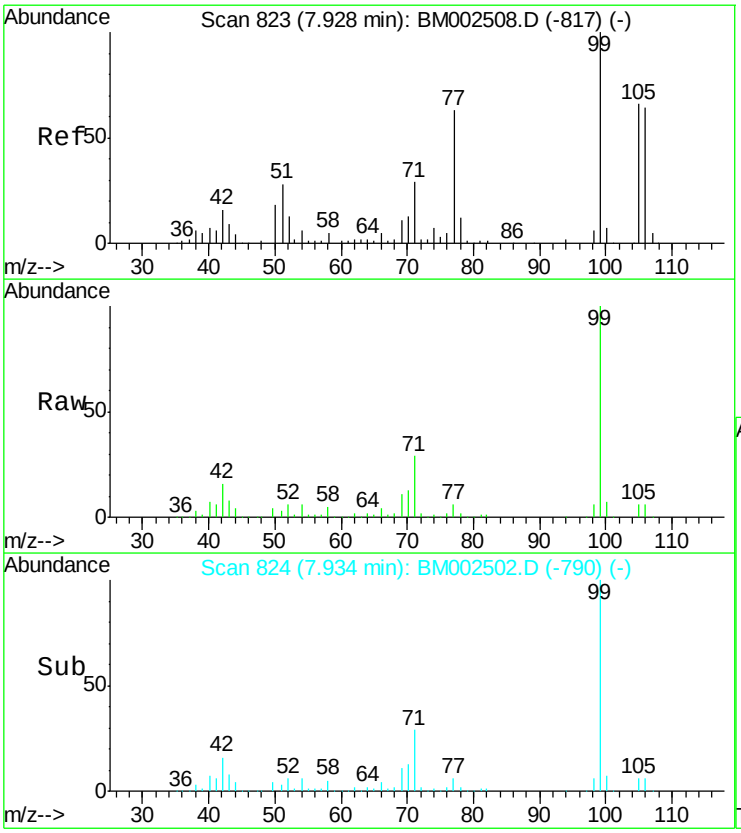
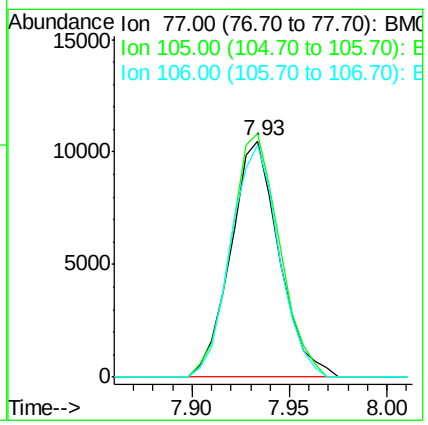
8/20/2015 3:36:32 PM

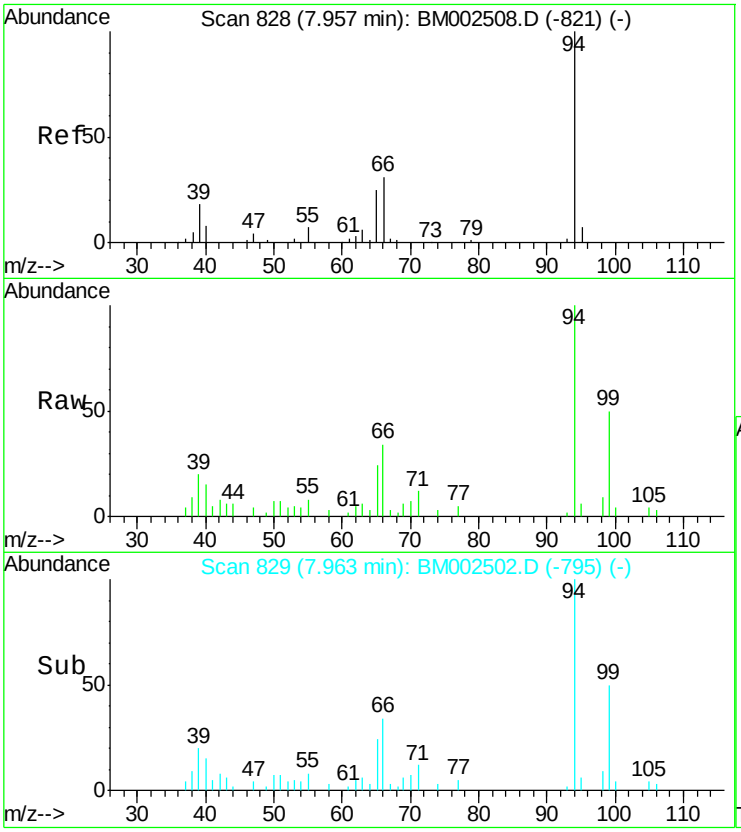


#4
Benzaldehyde
Concen: 3.04 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 77 Resp: 17992

Ion	Ratio	Lower	Upper
77	100		
105	103.1	80.0	120.0
106	98.4	76.7	115.1

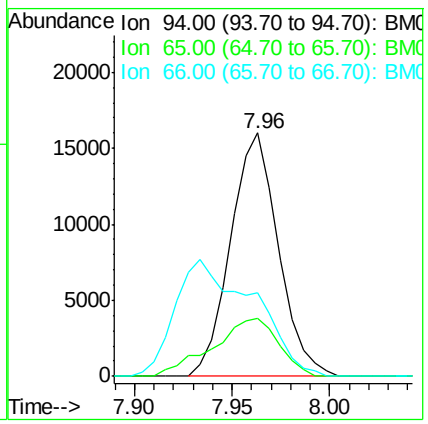




#6
Phenol
Concen: 2.64 ng/ul
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 94 Resp: 27116

Ion	Ratio	Lower	Upper
94	100		
65	23.9	23.7	35.5
66	34.3	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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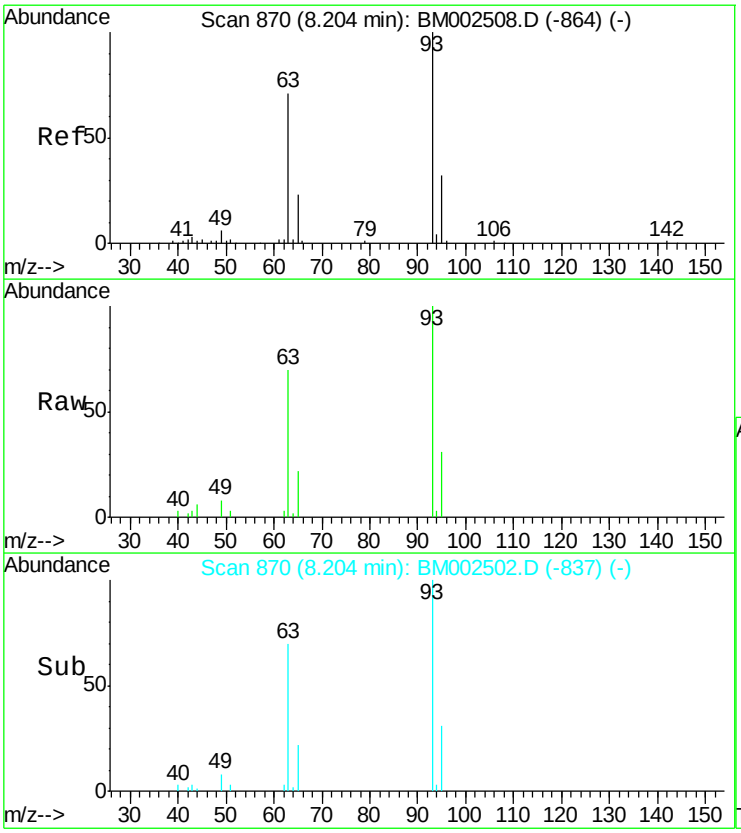
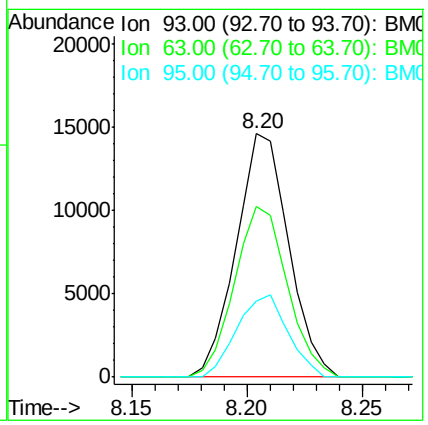
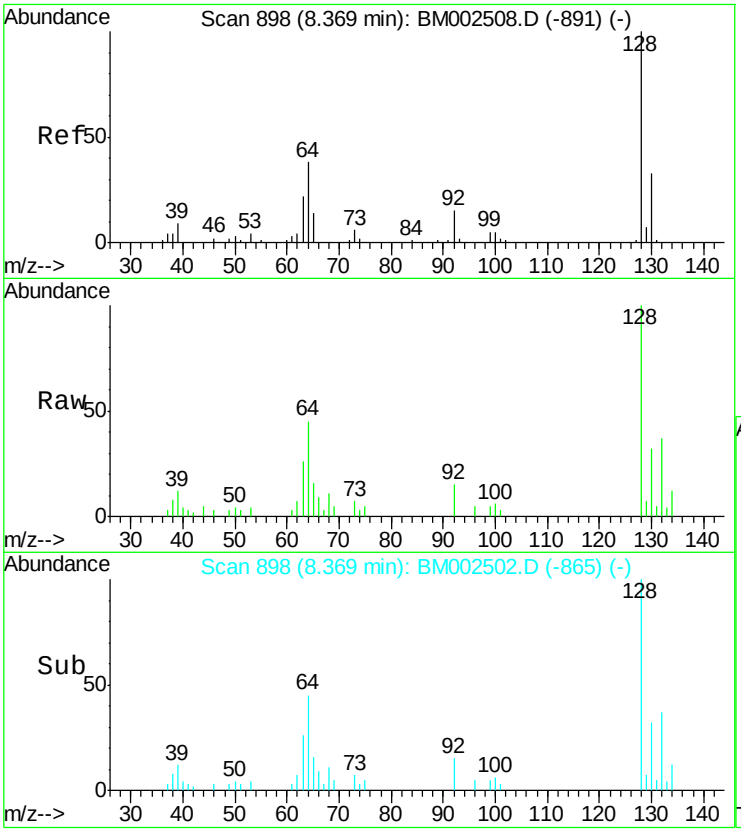


#8
Bis(2-Chloroethyl)ether
Concen: 2.93 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 93 Resp: 23129

Ion	Ratio	Lower	Upper
93	100		
63	70.3	64.6	97.0
95	31.4	26.6	40.0

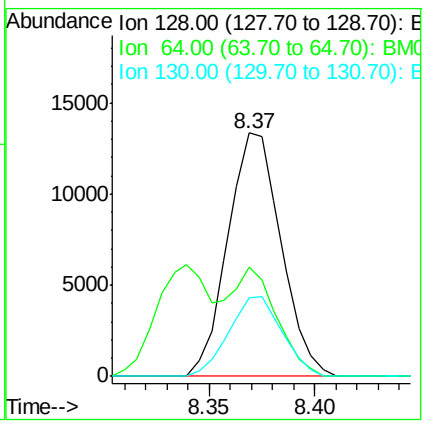




#10
2-Chlorophenol
Concen: 2.76 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:128 Resp: 23286

Ion	Ratio	Lower	Upper
128	100		
64	44.7	38.7	58.1
130	32.4	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

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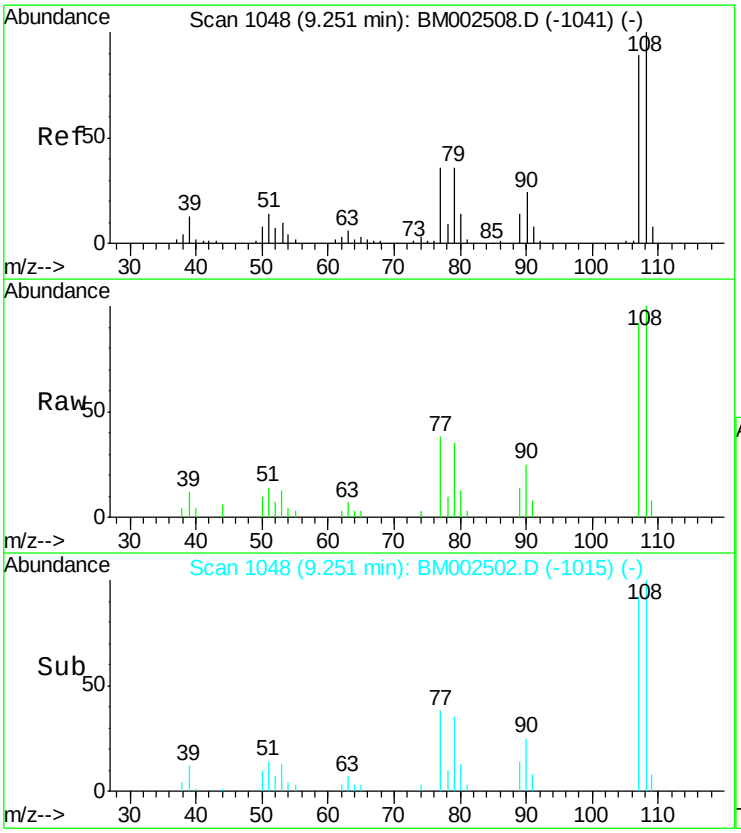
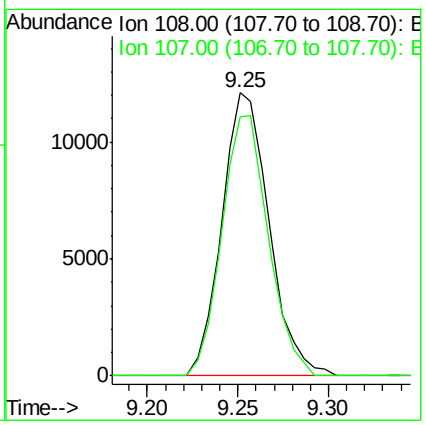
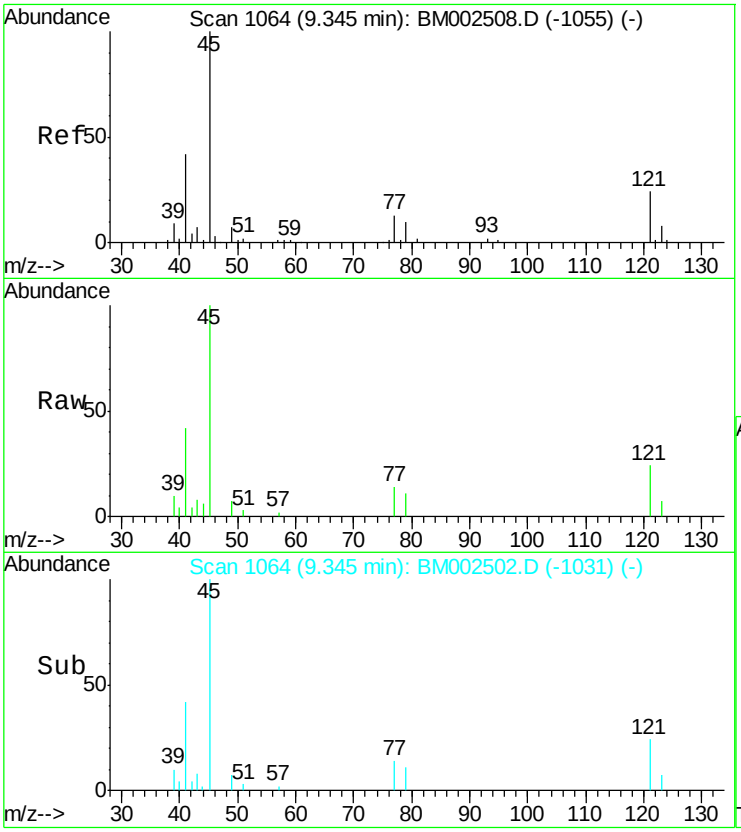


#11
2-Methylphenol
Concen: 2.70 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:108 Resp: 21916

Ion	Ratio	Lower	Upper
108	100		
107	91.6	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.22 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 45 Resp: 31326

Ion	Ratio	Lower	Upper
45	100		
77	14.0	9.4	14.2
79	10.9	7.5	11.3

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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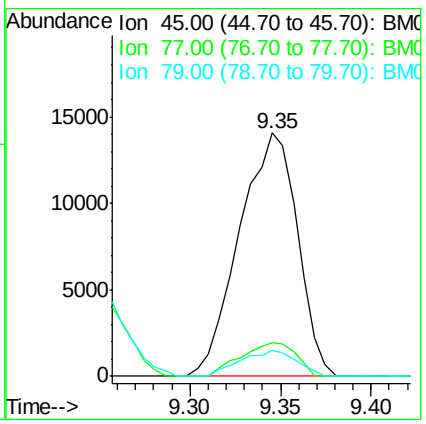
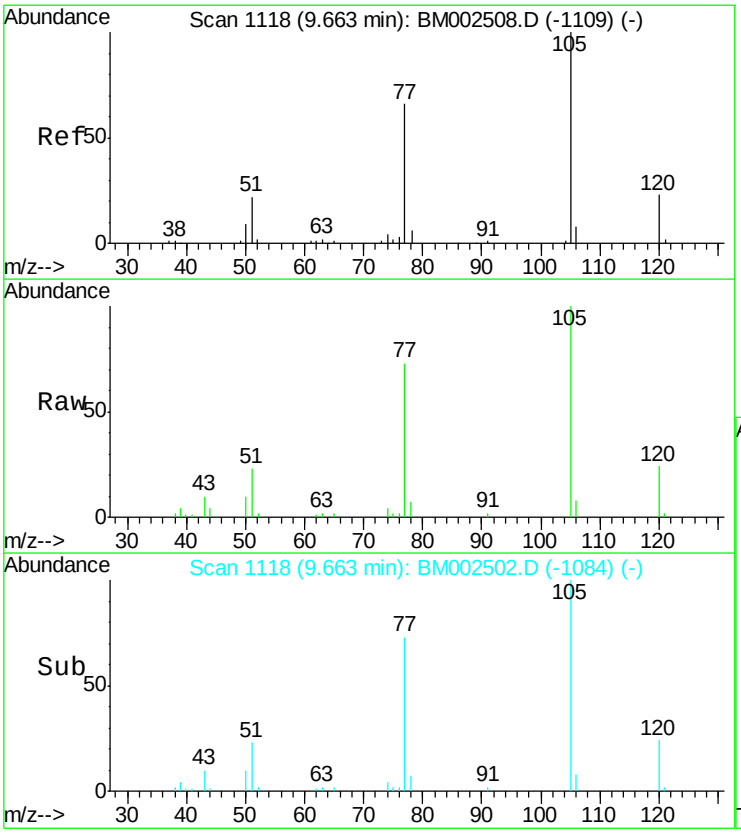
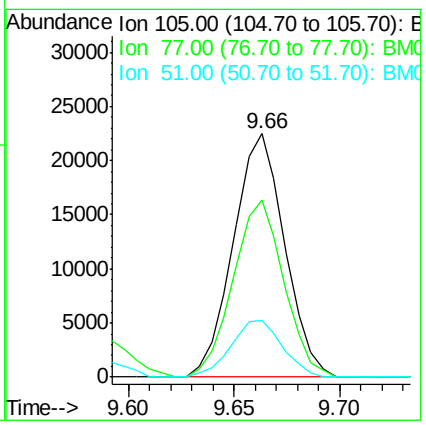


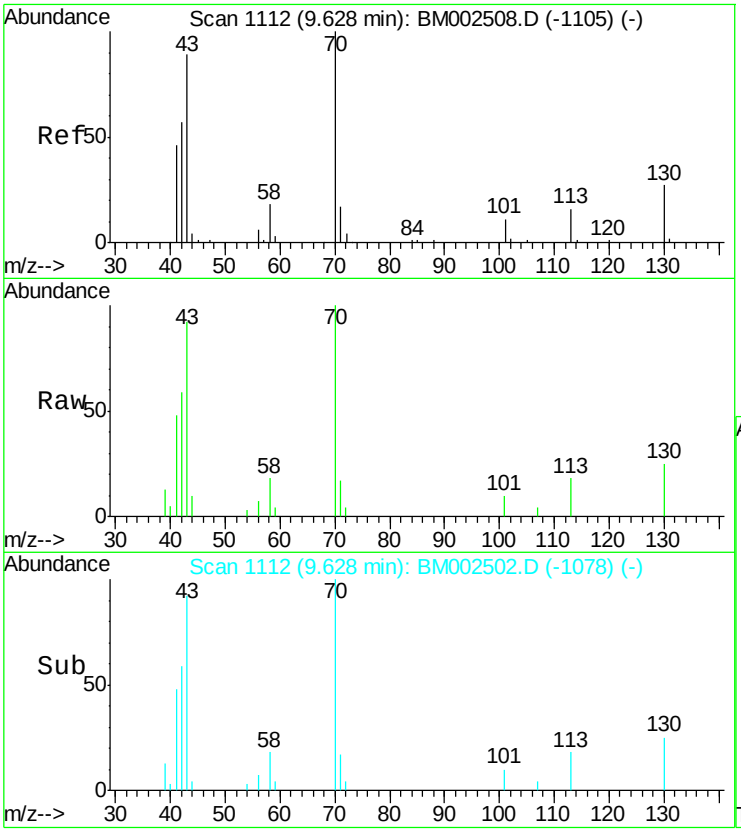


#14
Acetophenone
Concen: 2.97 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:105 Resp: 37910

Ion	Ratio	Lower	Upper
105	100		
77	72.8	59.4	89.0
51	23.1	23.4	35.0#

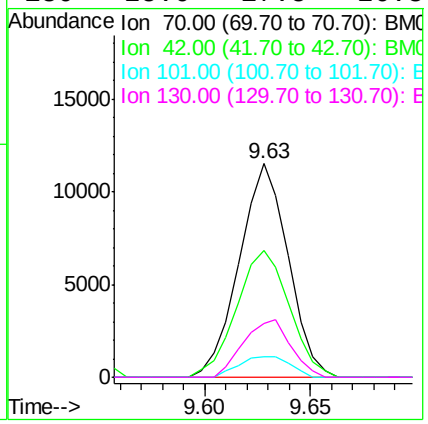




#15
N-Nitroso-di-n-propylamine
Concen: 2.69 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 70 Resp: 18484

Ion	Ratio	Lower	Upper
70	100		
42	59.1	53.4	80.0
101	9.8	7.7	11.5
130	25.0	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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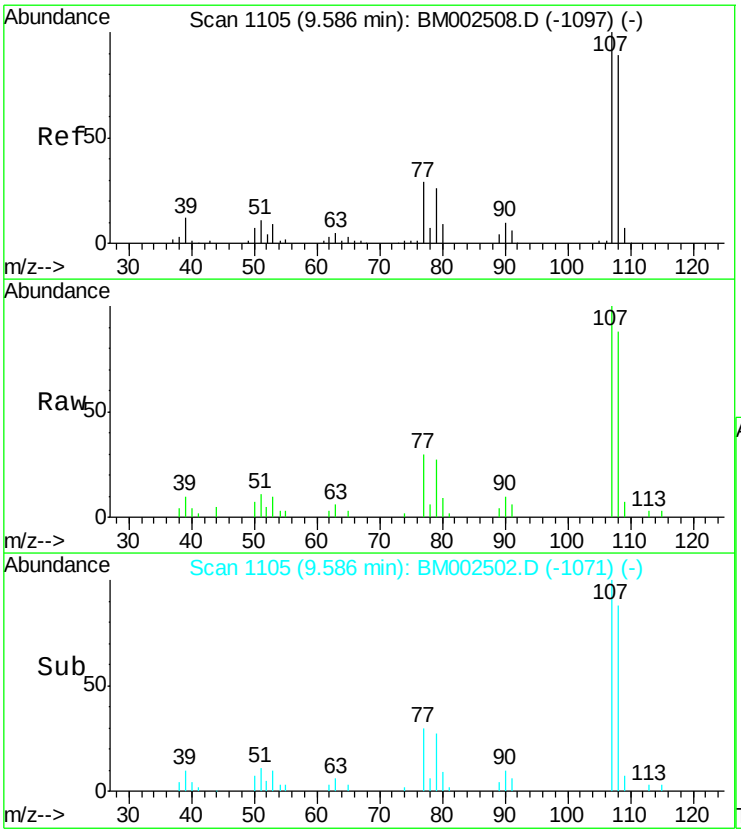
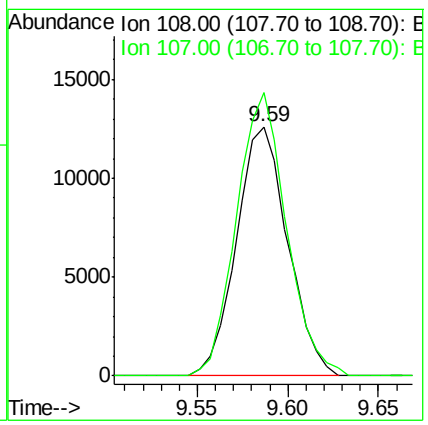
8/20/2015 3:36:32 PM

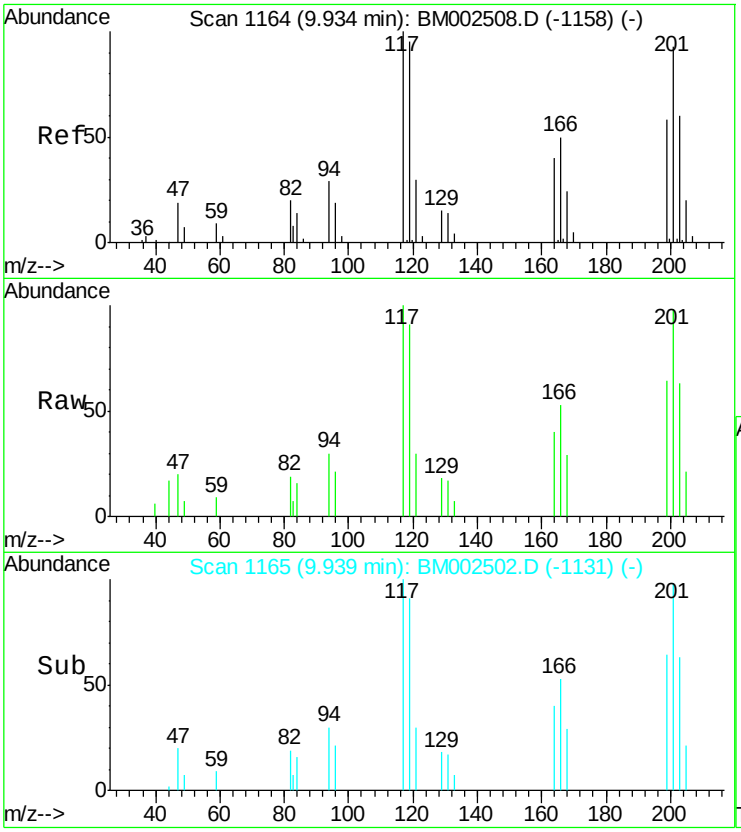


#16
4-Methylphenol
Concen: 2.78 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:108 Resp: 24737

Ion	Ratio	Lower	Upper
108	100		
107	113.7	90.9	136.3

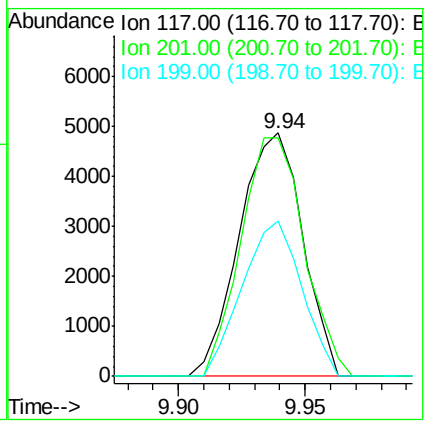




#17
Hexachloroethane
Concen: 2.55 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:117 Resp: 8514

Ion	Ratio	Lower	Upper
117	100		
201	97.8	71.5	107.3
199	64.0	44.9	67.3



Instrument :
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ClientSampleId :
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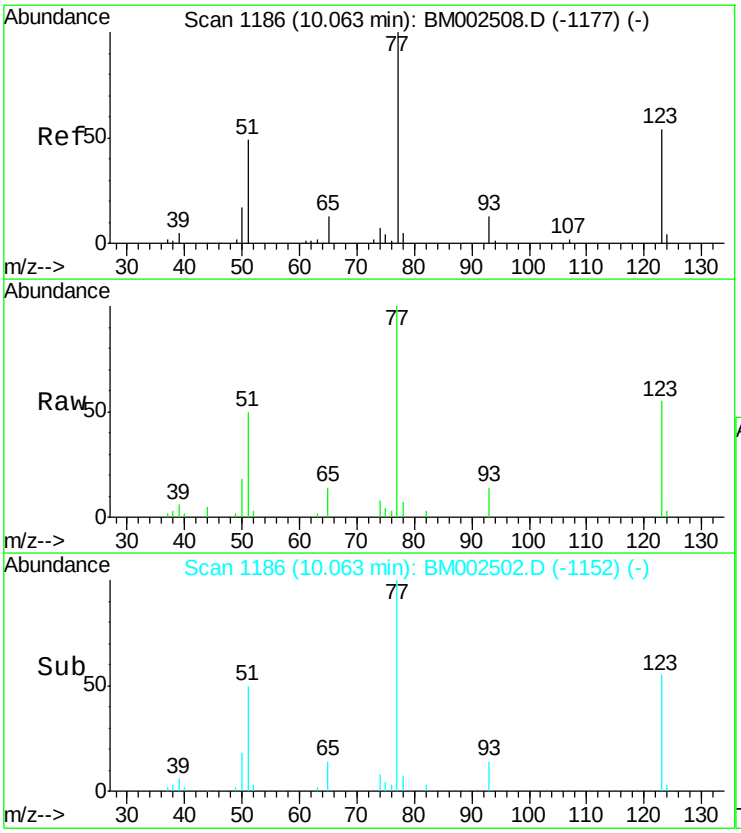
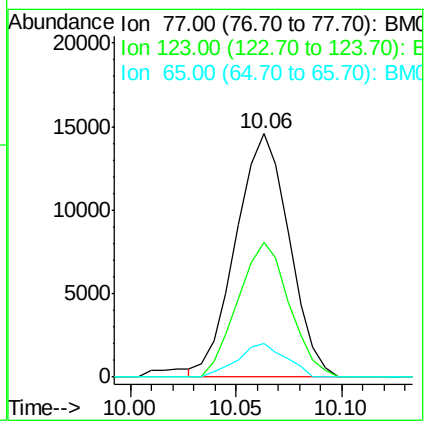
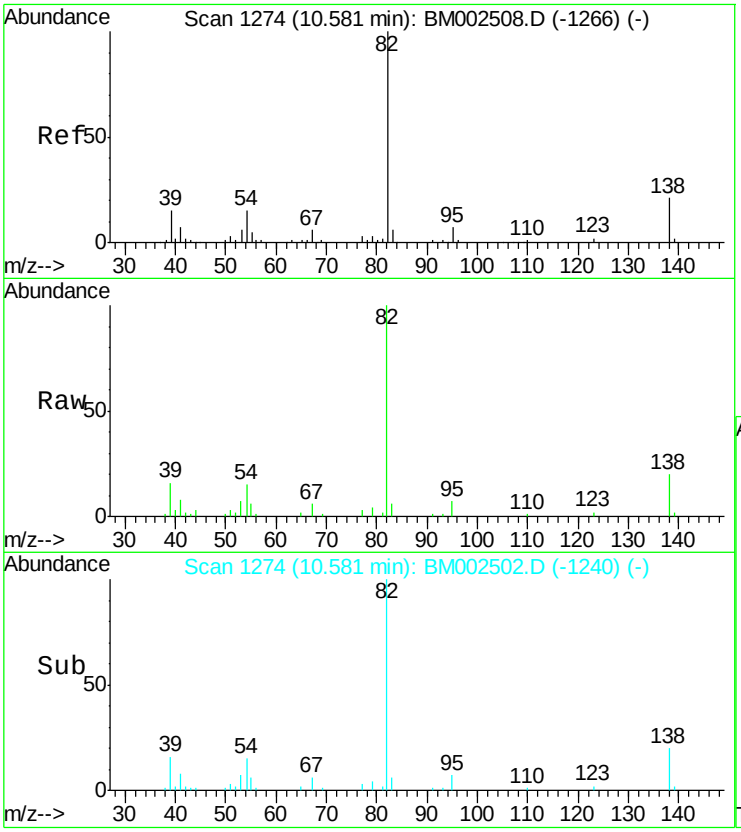


#20
Nitrobenzene
Concen: 2.70 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 77 Resp: 25638

Ion	Ratio	Lower	Upper
77	100		
123	55.5	37.0	55.6
65	13.9	11.0	16.6

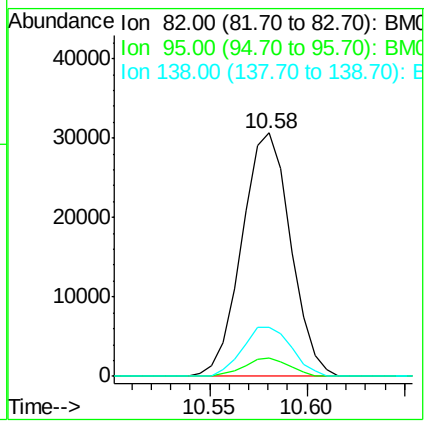




#21
Isophorone
Concen: 2.80 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 82 Resp: 52967

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	20.3	15.0	22.4



Instrument :
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ClientSampleId :
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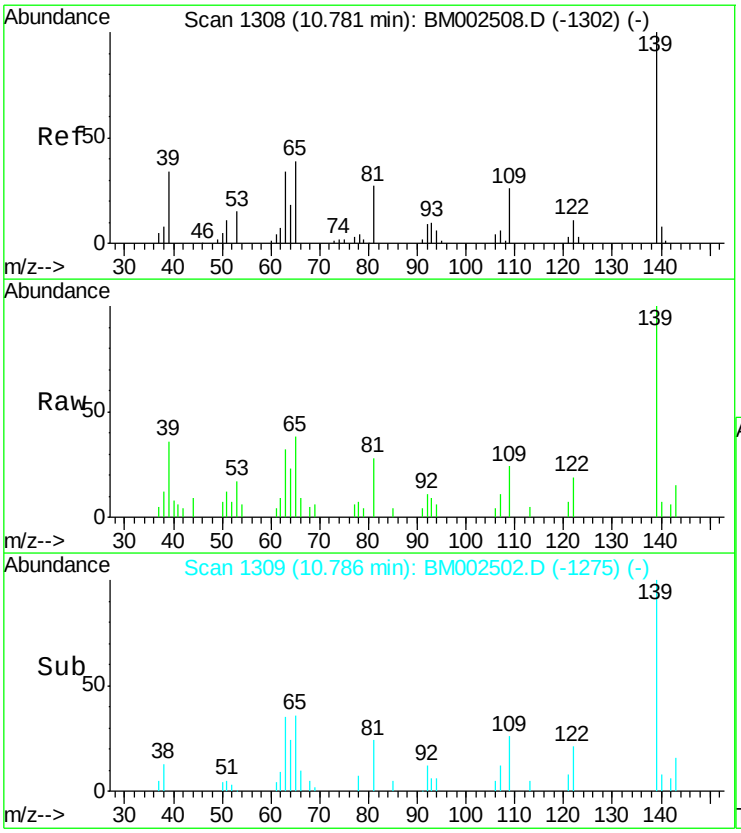
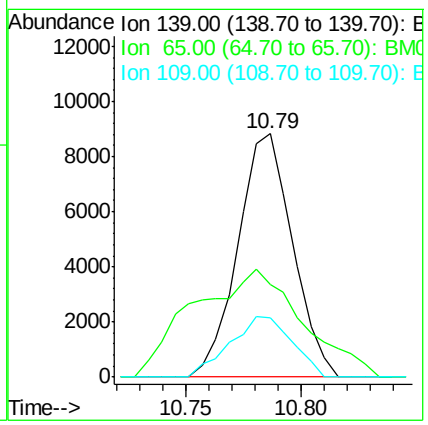
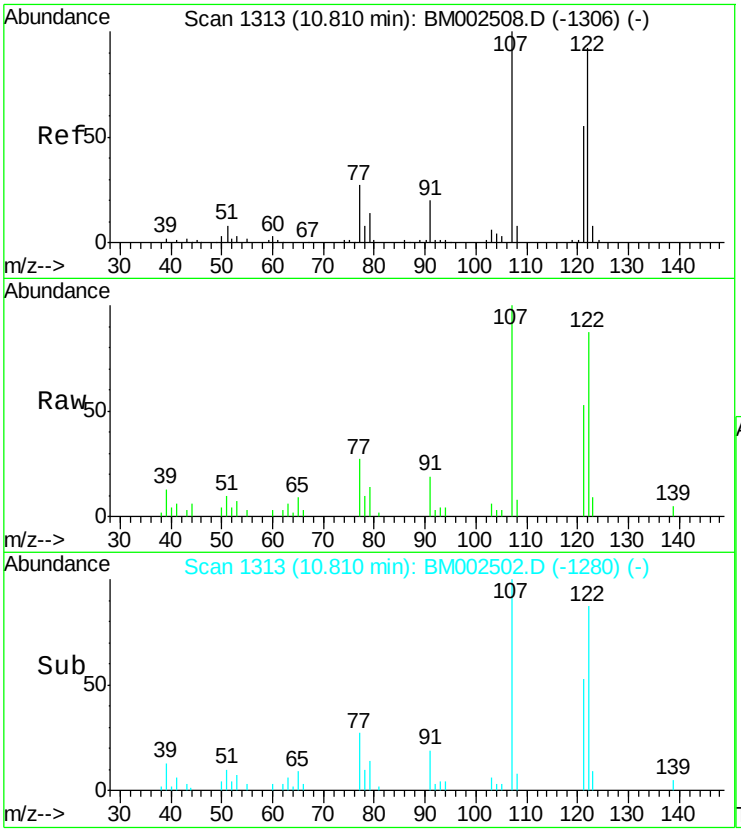


#23
2-Nitrophenol
Concen: 3.54 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:139 Resp: 14569

Ion	Ratio	Lower	Upper
139	100		
65	37.8	43.0	64.6#
109	24.3	23.8	35.8

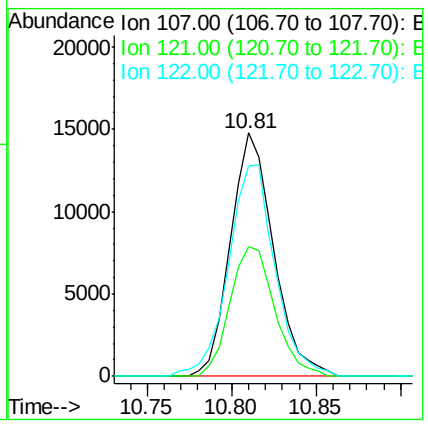




#24
2,4-Dimethylphenol
Concen: 2.60 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:107 Resp: 26252

Ion	Ratio	Lower	Upper
107	100		
121	53.3	41.8	62.6
122	86.6	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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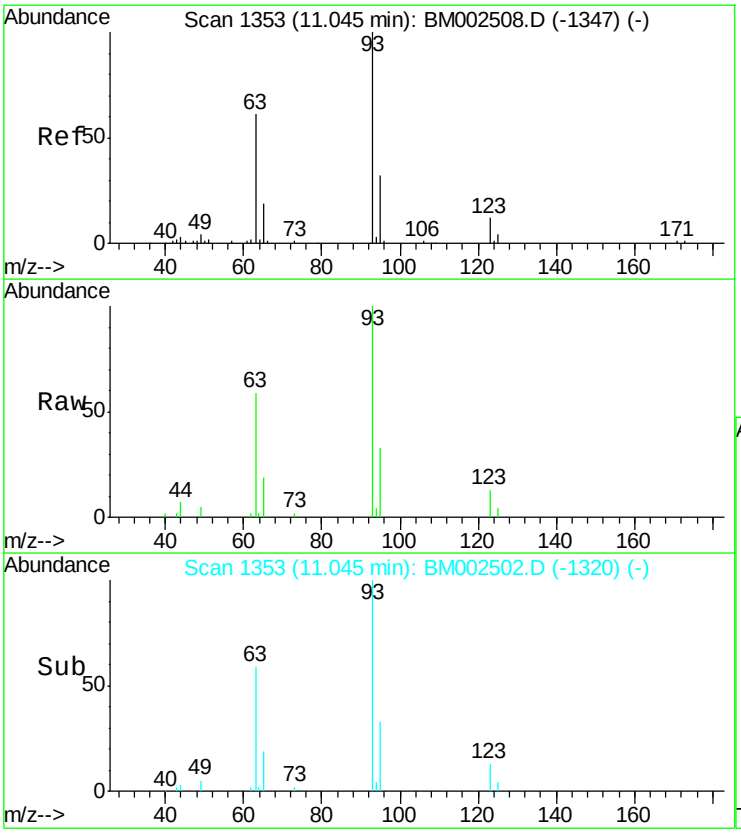
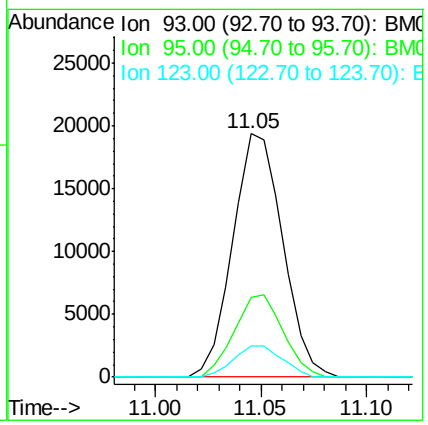
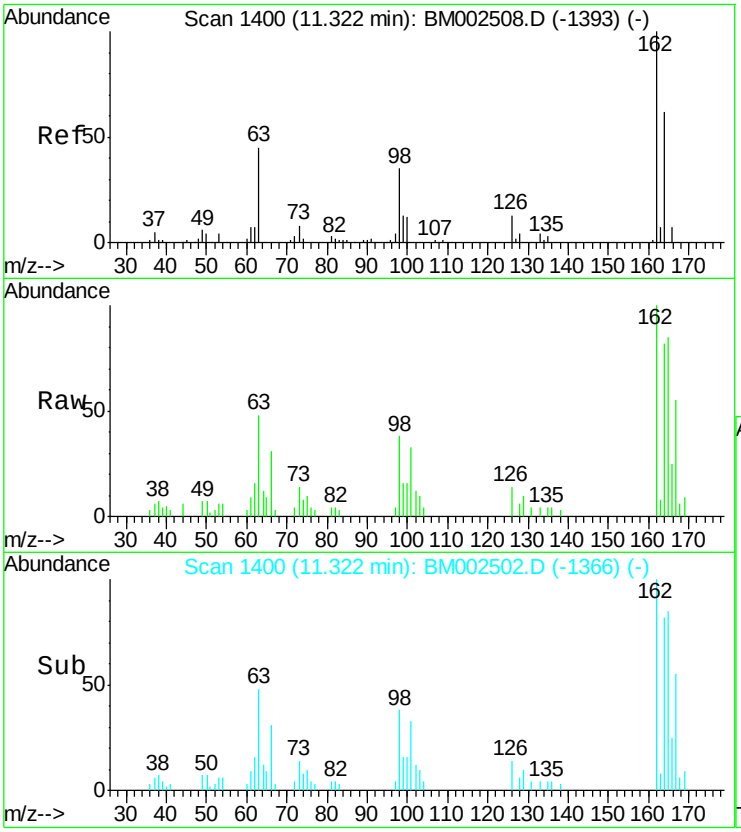


#25
Bis(2-Chloroethoxy)methane
Concen: 2.71 ng/ul
RT: 11.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 93 Resp: 31781

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	12.5	9.3	13.9

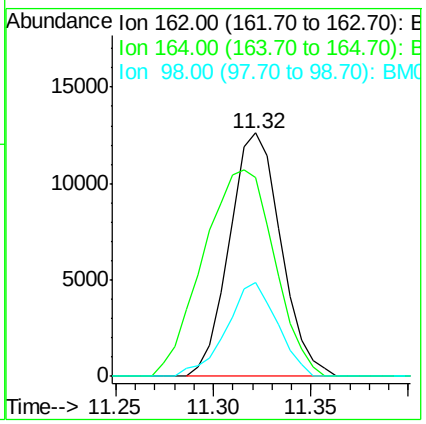




#27
2,4-Dichlorophenol
Concen: 3.02 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:162 Resp: 23062

Ion	Ratio	Lower	Upper
162	100		
164	81.7	52.9	79.3#
98	38.4	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
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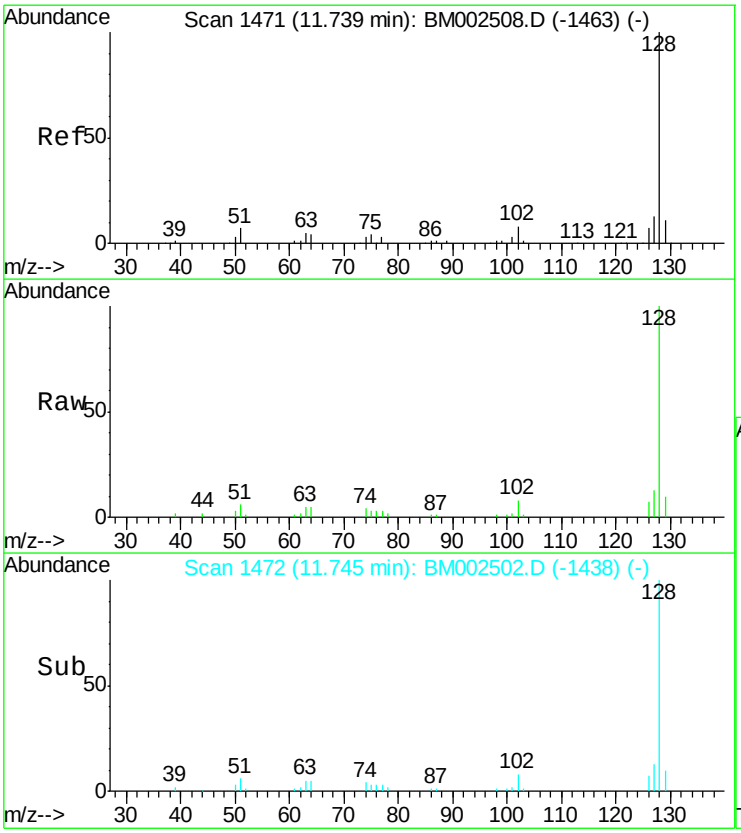
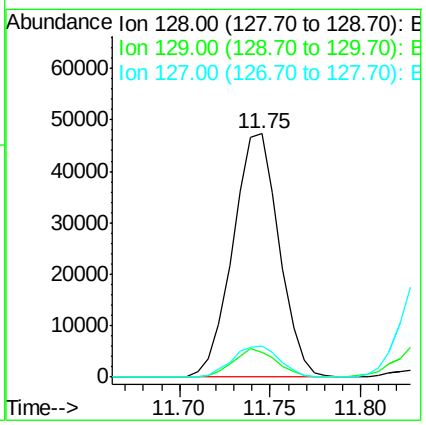
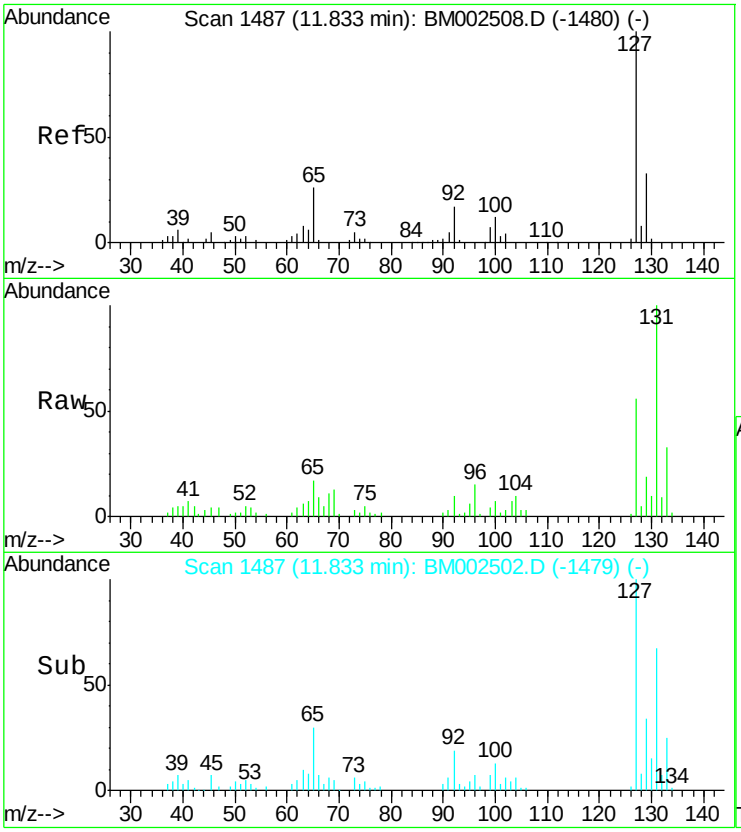


#28
Naphthalene
Concen: 2.92 ng/ul
RT: 11.75 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:128 Resp: 83872

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	12.8	10.4	15.6





#30
4-Chloroaniline
Concen: 3.61 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:127 Resp: 37717

Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
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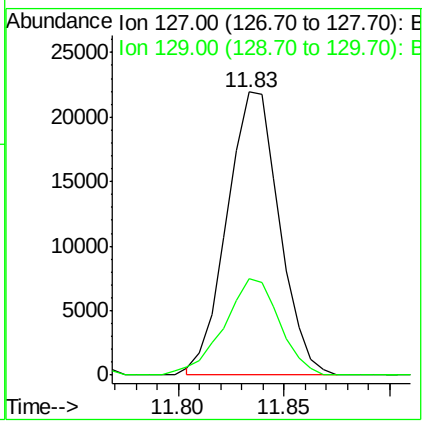
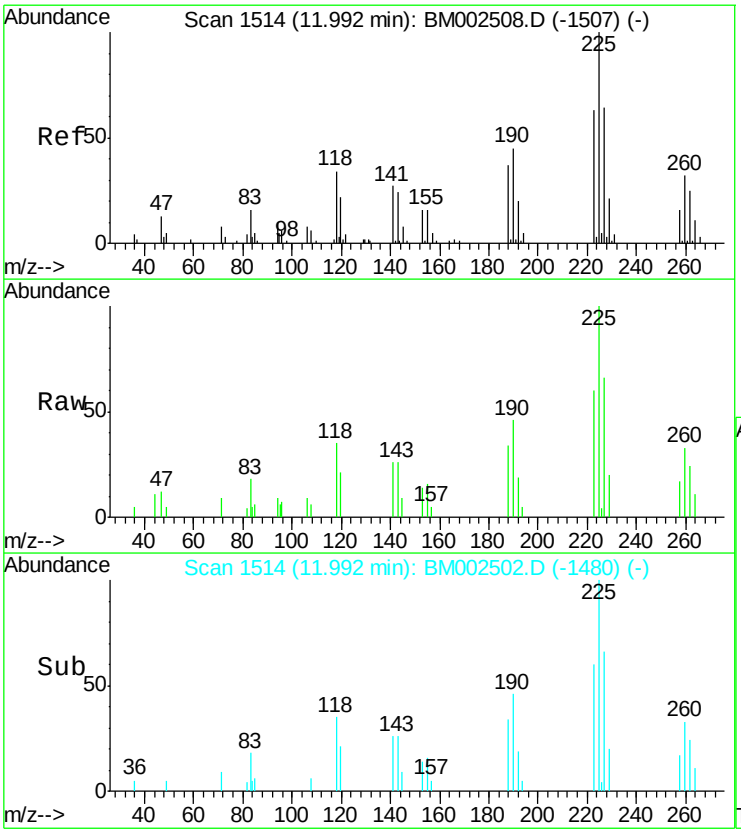
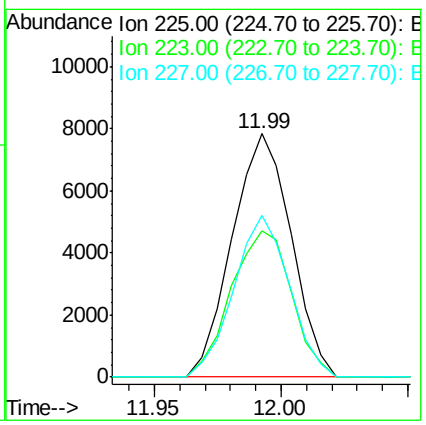


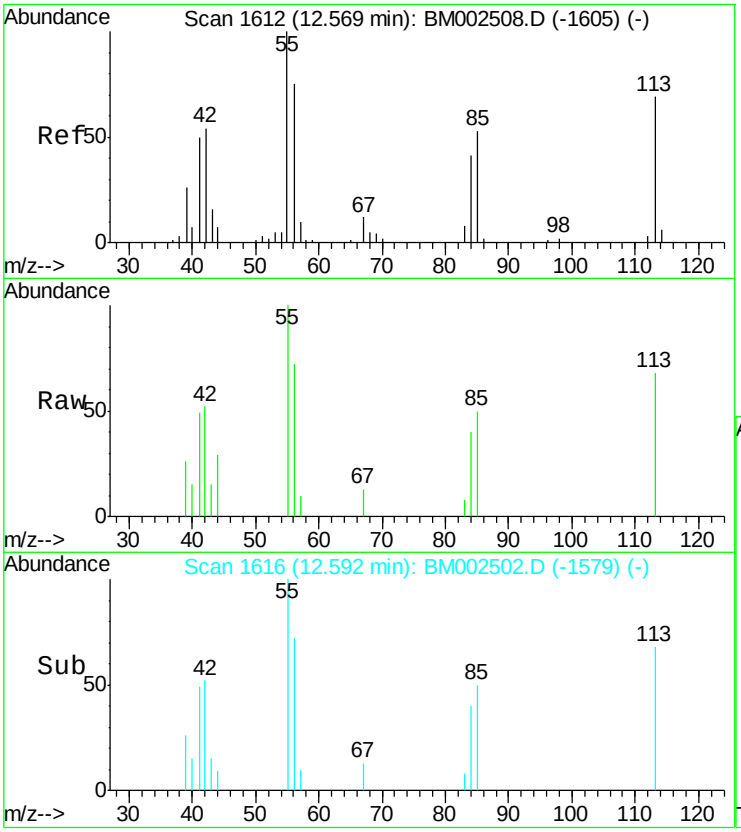


#31
Hexachlorobutadiene
Concen: 2.88 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:225 Resp: 12697

Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.0	76.4
227	66.3	52.1	78.1

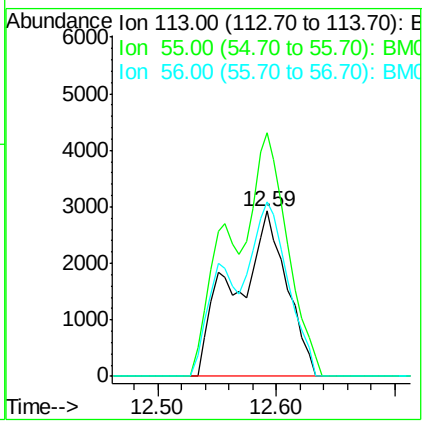




#32
Caprolactam
Concen: 2.86 ng/ul m
RT: 12.59 min Scan# 1616
Delta R.T. 0.02 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:113 Resp: 8997

Ion	Ratio	Lower	Upper
113	100		
55	147.3	152.5	228.7#
56	105.7	111.4	167.0#



Instrument :
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ClientSampleId :
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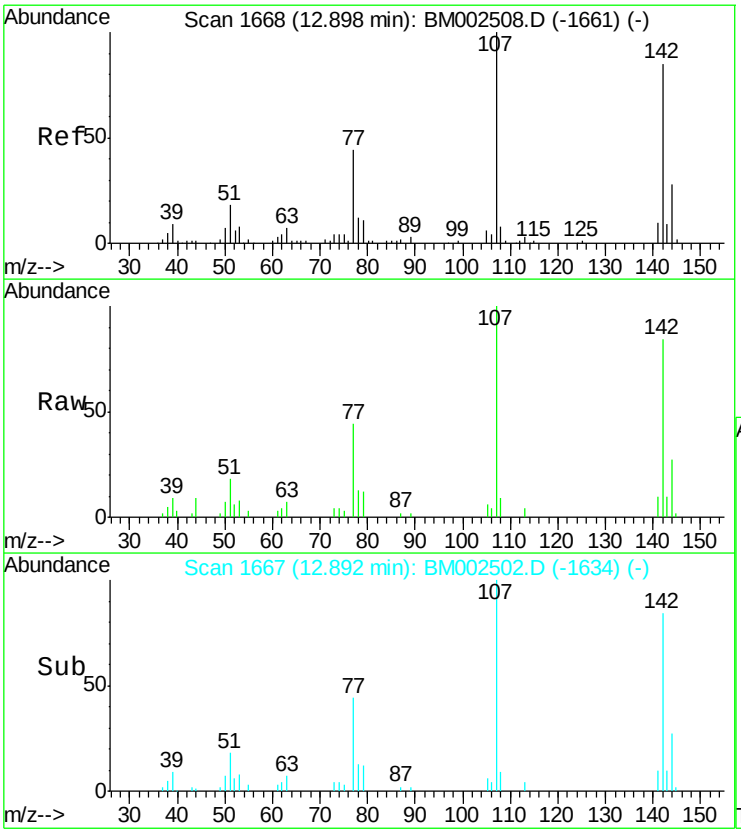
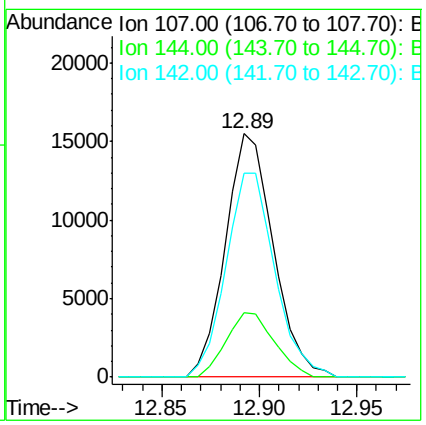
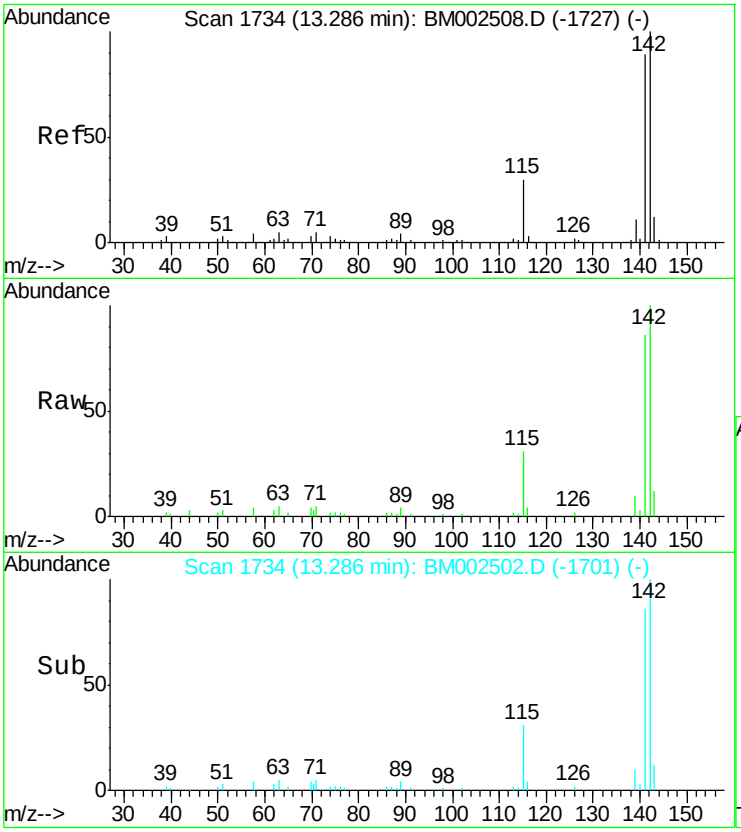


#33
4-Chloro-3-methylphenol
Concen: 2.76 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:107 Resp: 26403

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.3	30.5
142	83.5	63.1	94.7





#34
2-Methylnaphthalene
Concen: 2.96 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:142 Resp: 60818

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
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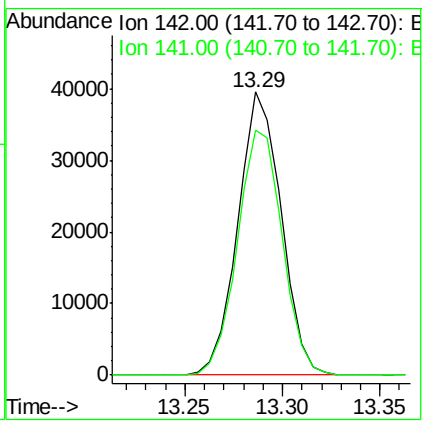
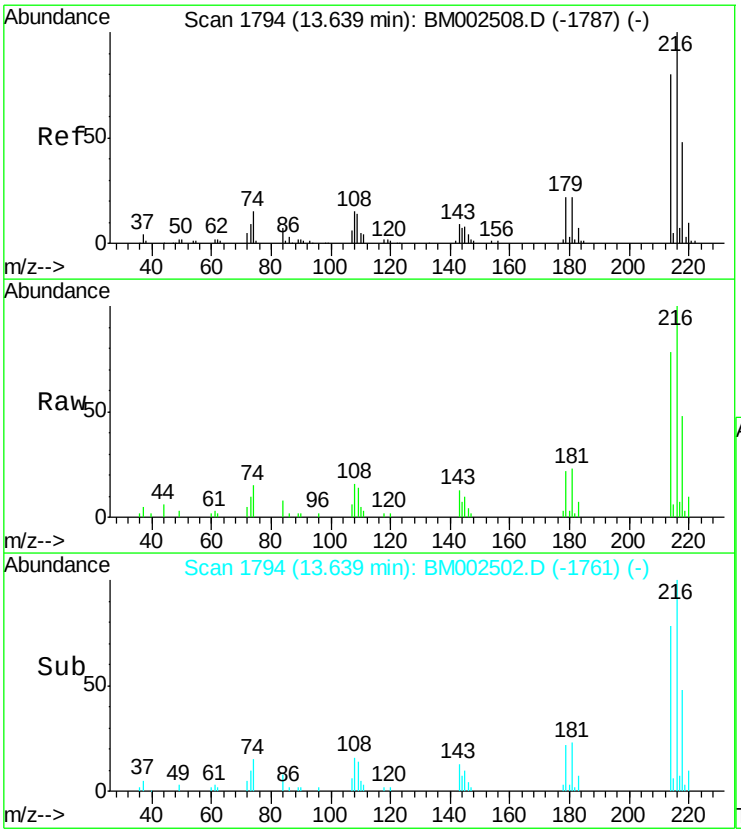
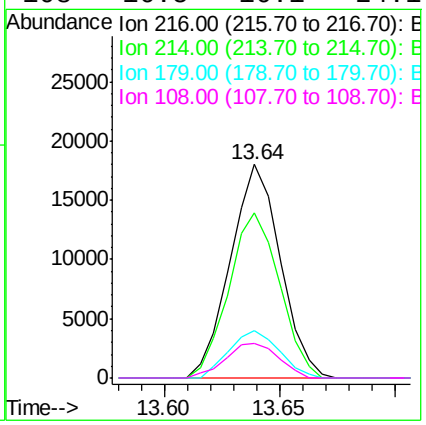


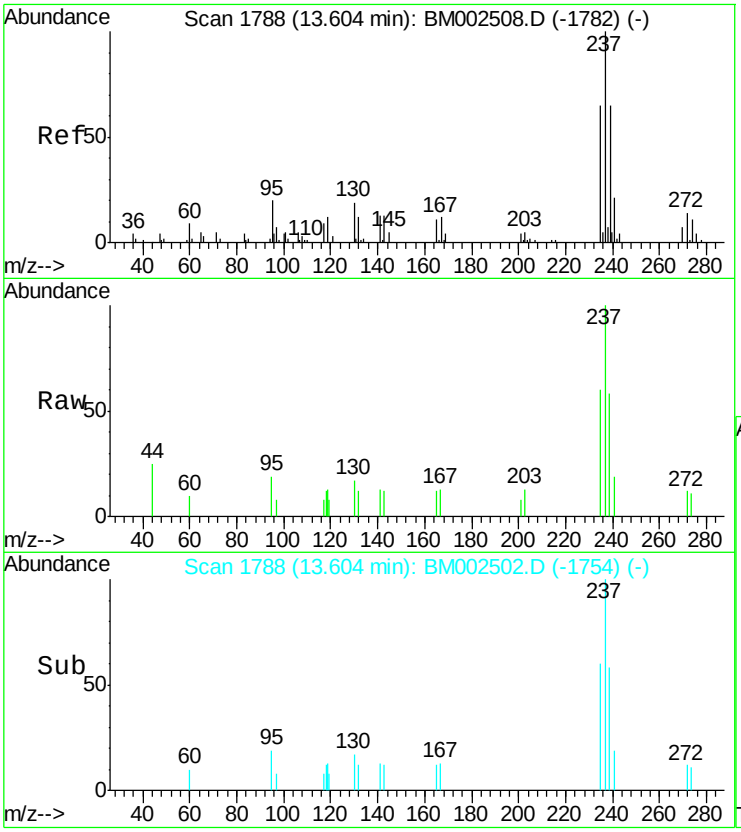


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.02 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:216 Resp: 27204

Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.1	94.7
179	22.2	18.9	28.3
108	16.5	16.1	24.1

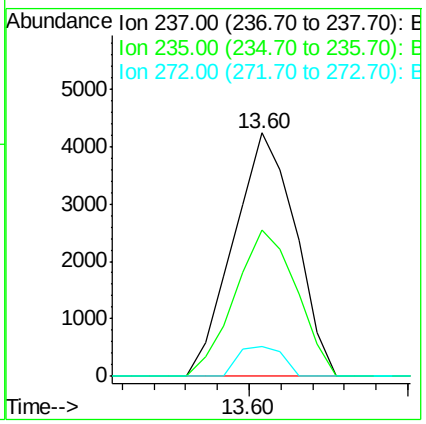




#38
Hexachlorocyclopentadiene
Concen: 1.08 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:237 Resp: 5754

Ion	Ratio	Lower	Upper
237	100		
235	59.9	51.0	76.6
272	12.2	10.8	16.2



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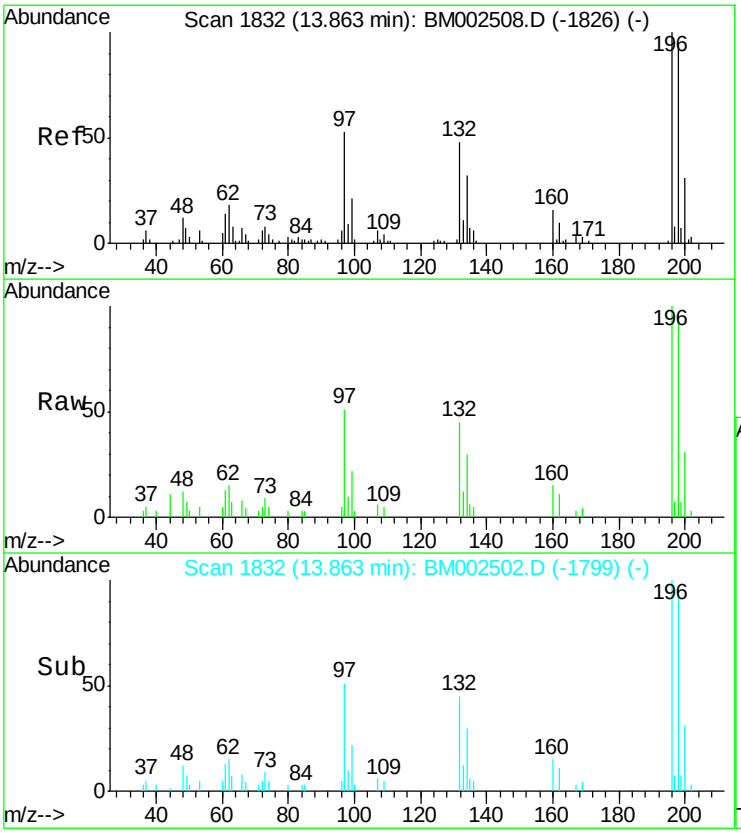
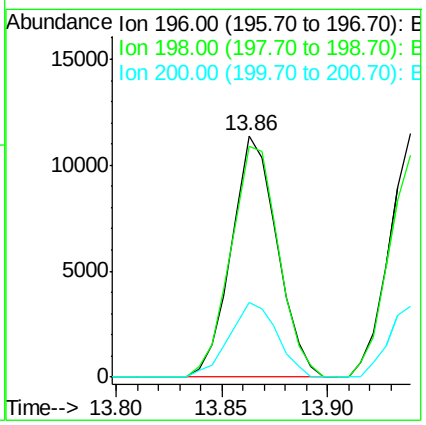
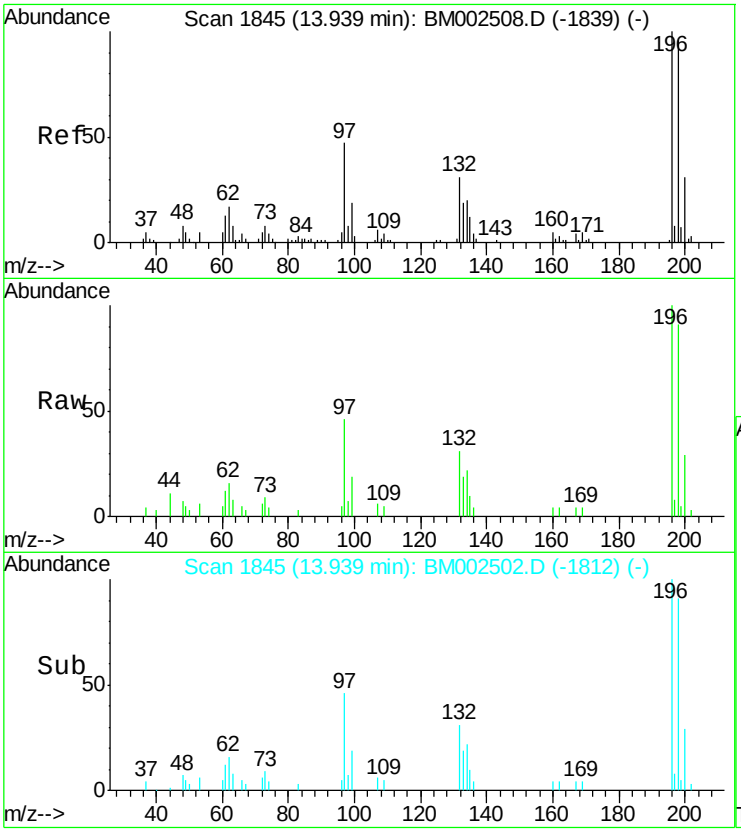


#39
2,4,6-Trichlorophenol
Concen: 3.04 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:196 Resp: 17063

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.1	115.7
200	30.9	24.8	37.2

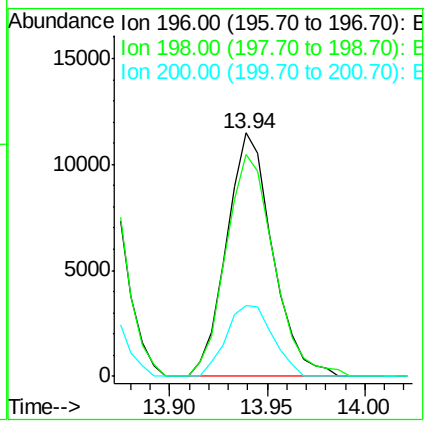




#40
2,4,5-Trichlorophenol
Concen: 2.99 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:196 Resp: 18816

Ion	Ratio	Lower	Upper
196	100		
198	91.3	78.6	117.8
200	28.9	25.0	37.4



Instrument :
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ClientSampleId :
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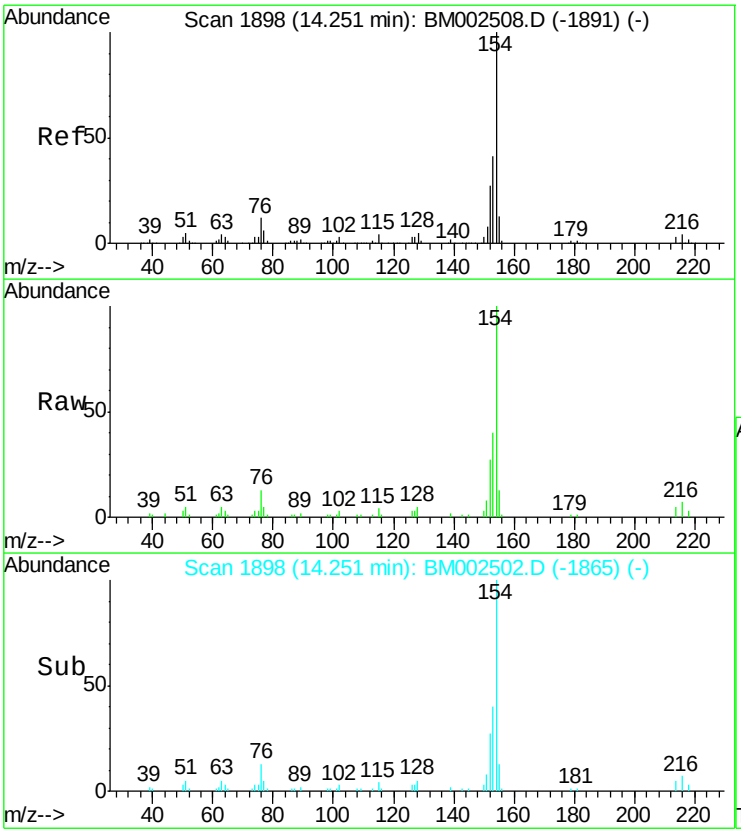
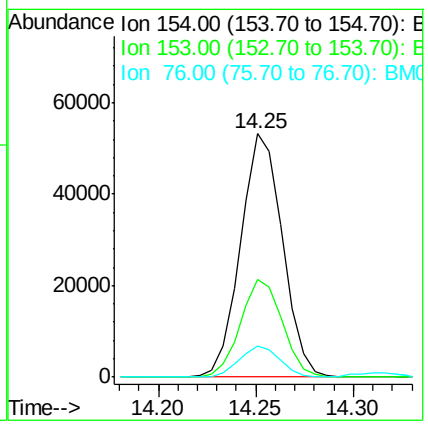
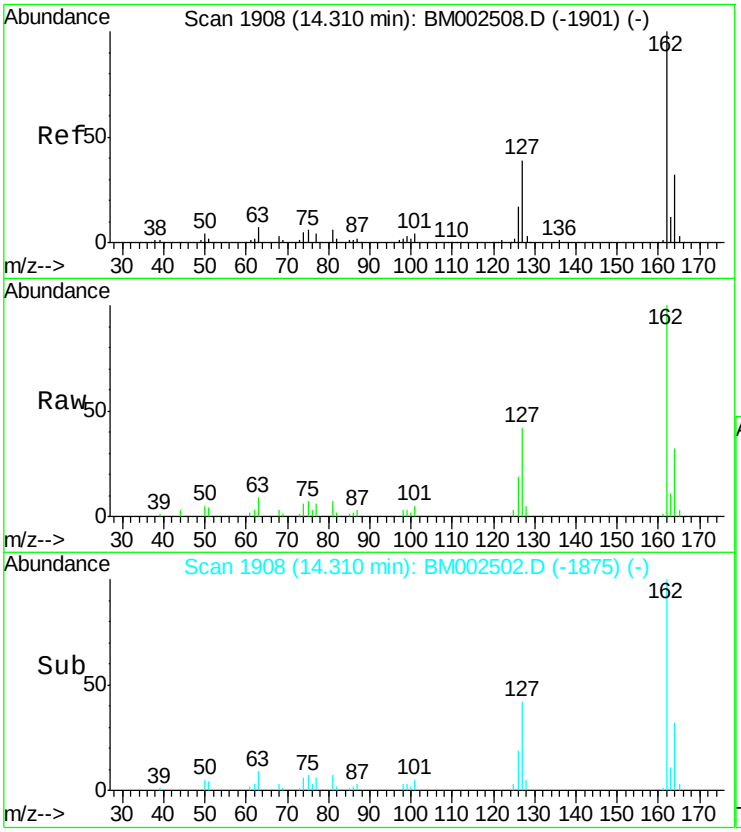


#41
1,1'-Biphenyl
Concen: 2.99 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:154 Resp: 79137

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.1	48.1
76	12.7	11.0	16.4

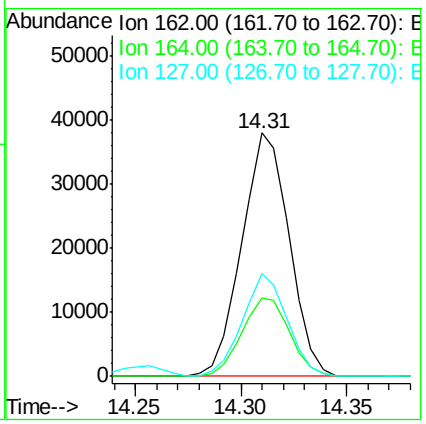




#42
2-Chloronaphthalene
Concen: 2.94 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:162 Resp: 59266

Ion	Ratio	Lower	Upper
162	100		
164	32.0	26.7	40.1
127	42.2	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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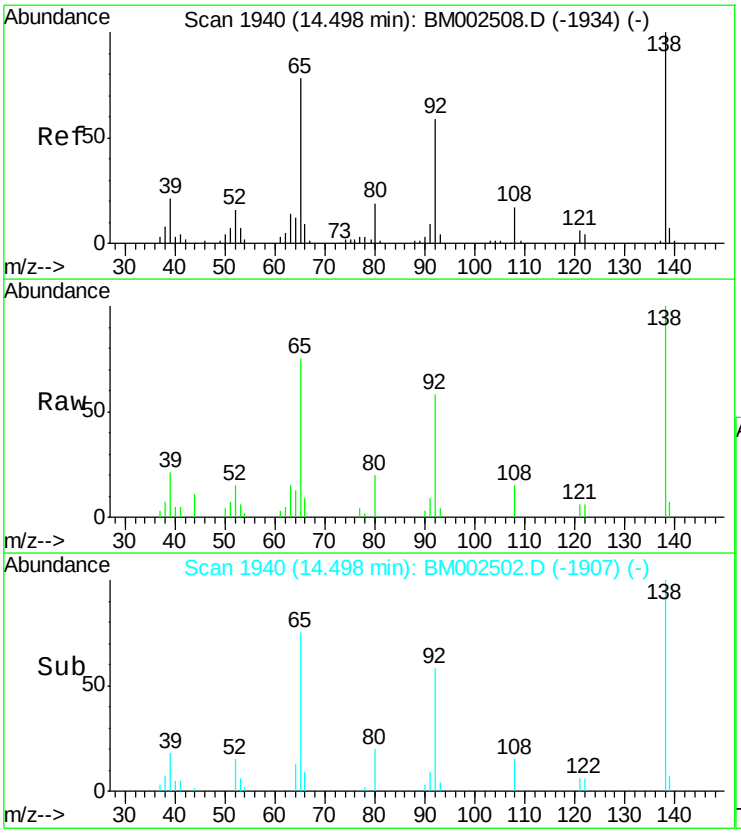
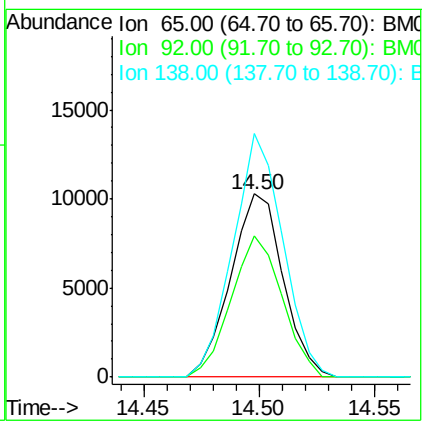
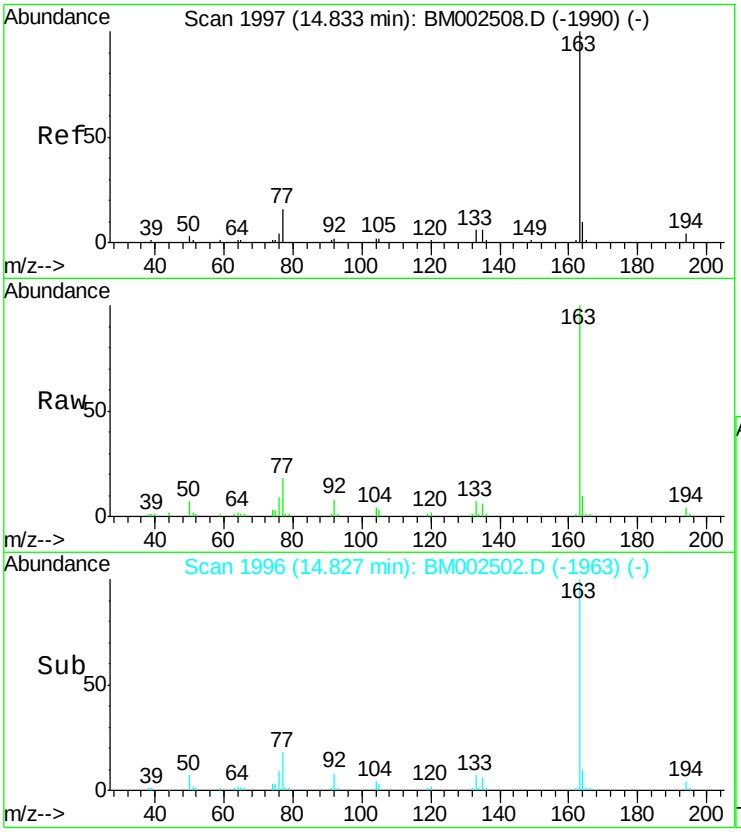


#43
2-Nitroaniline
Concen: 2.67 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion: 65 Resp: 16325

Ion	Ratio	Lower	Upper
65	100		
92	76.9	54.0	81.0
138	133.0	83.1	124.7#

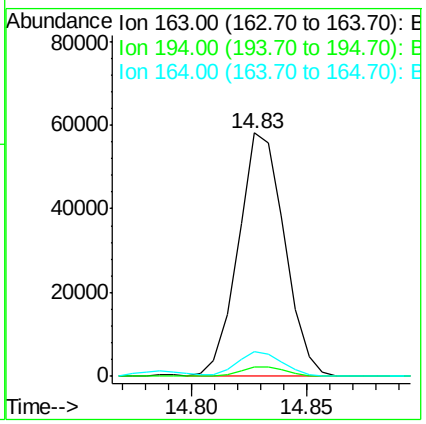




#45
Dimethylphthalate
Concen: 3.08 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:163 Resp: 80950

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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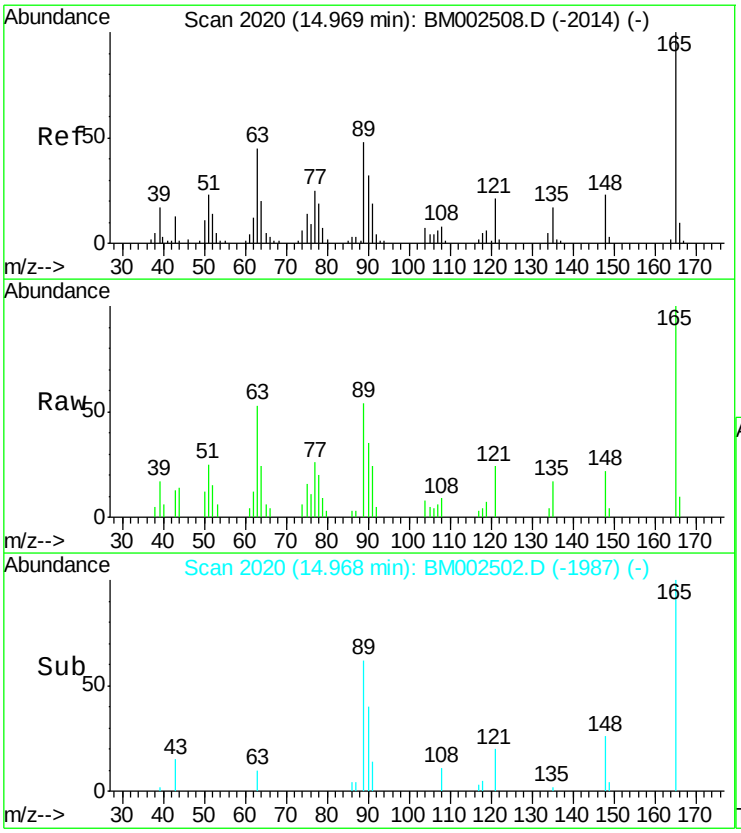
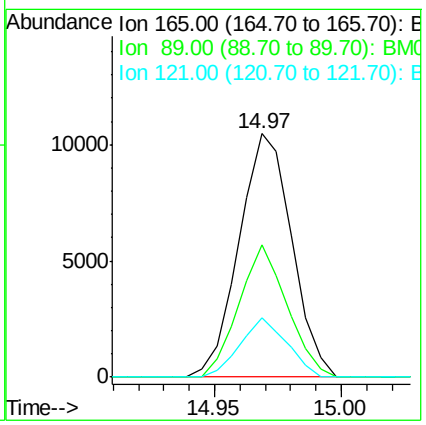
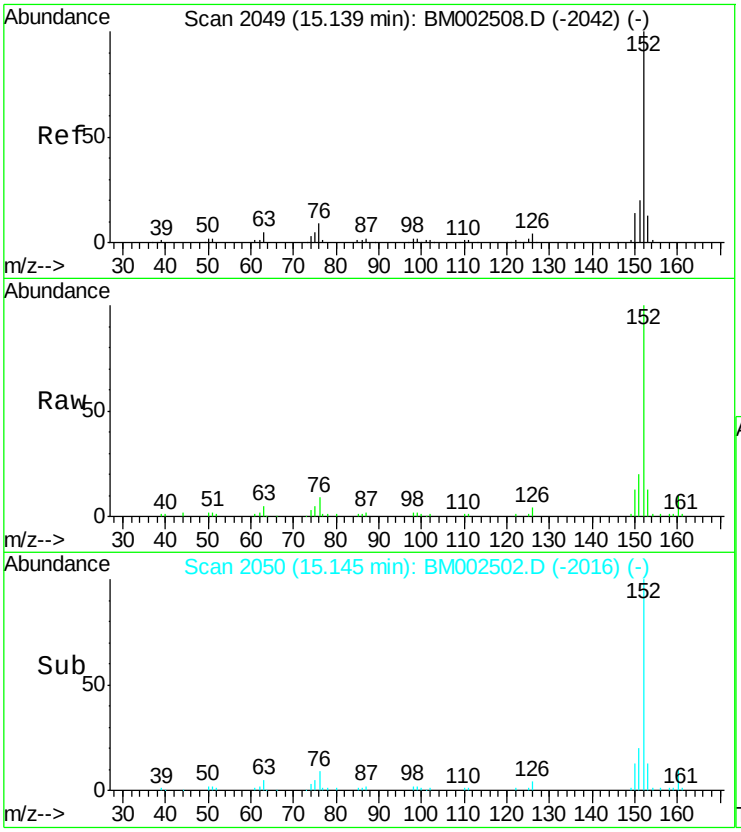


#46
2,6-Dinitrotoluene
Concen: 3.08 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:165 Resp: 15185

Ion	Ratio	Lower	Upper
165	100		
89	54.3	46.6	69.8
121	24.2	19.0	28.4

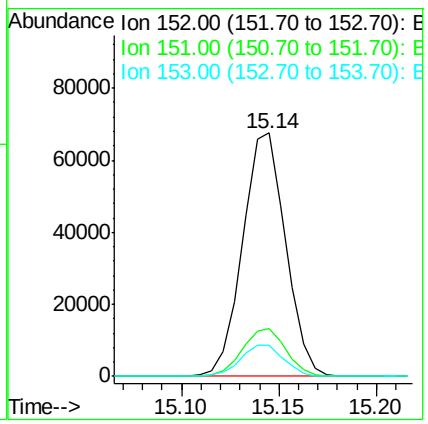




#48
Acenaphthylene
Concen: 3.06 ng/ul
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:152 Resp: 103128

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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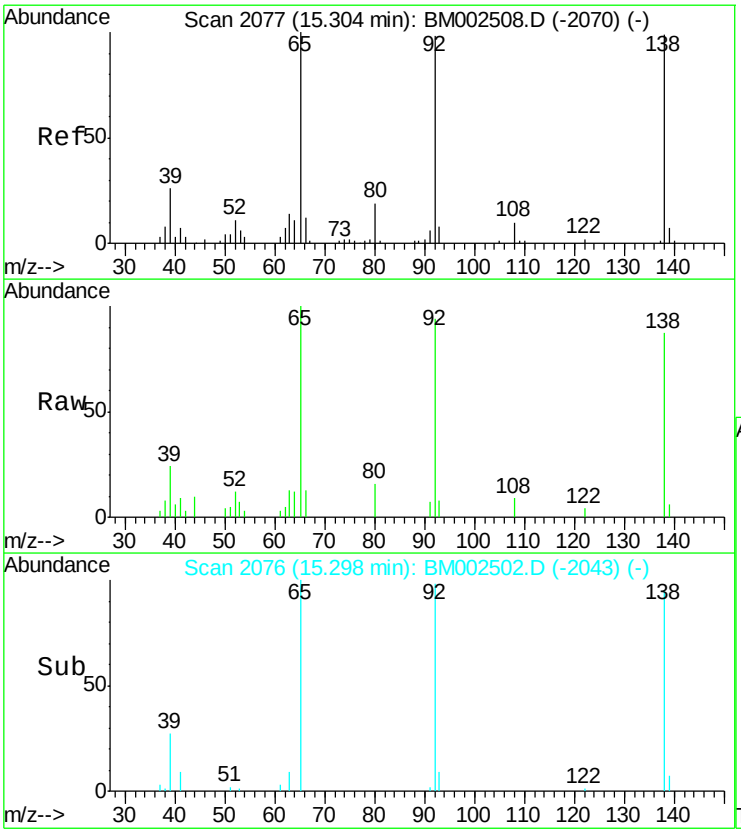
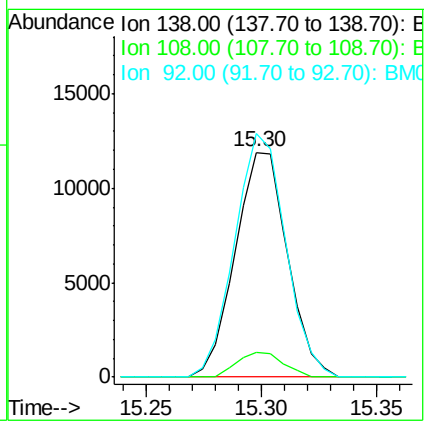
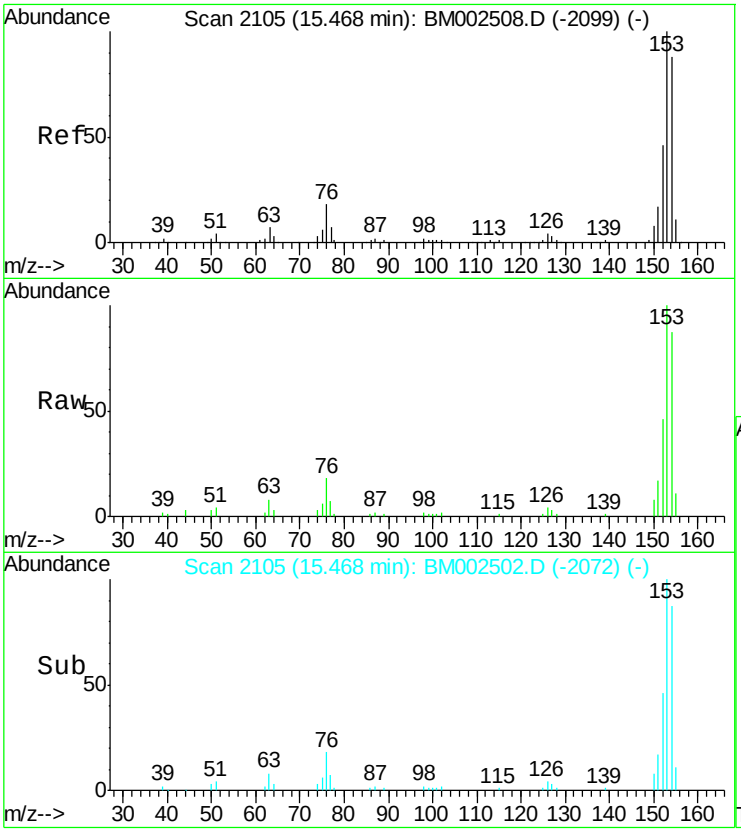


#49
3-Nitroaniline
Concen: 3.52 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:138 Resp: 18754

Ion	Ratio	Lower	Upper
138	100		
108	10.8	11.7	17.5#
92	108.2	94.3	141.5

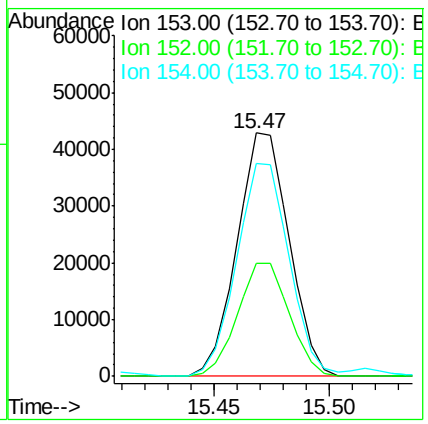




#50
Acenaphthene
Concen: 2.98 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:153 Resp: 67484

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.6	55.0
154	87.3	71.5	107.3



Instrument :
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ClientSampleId :
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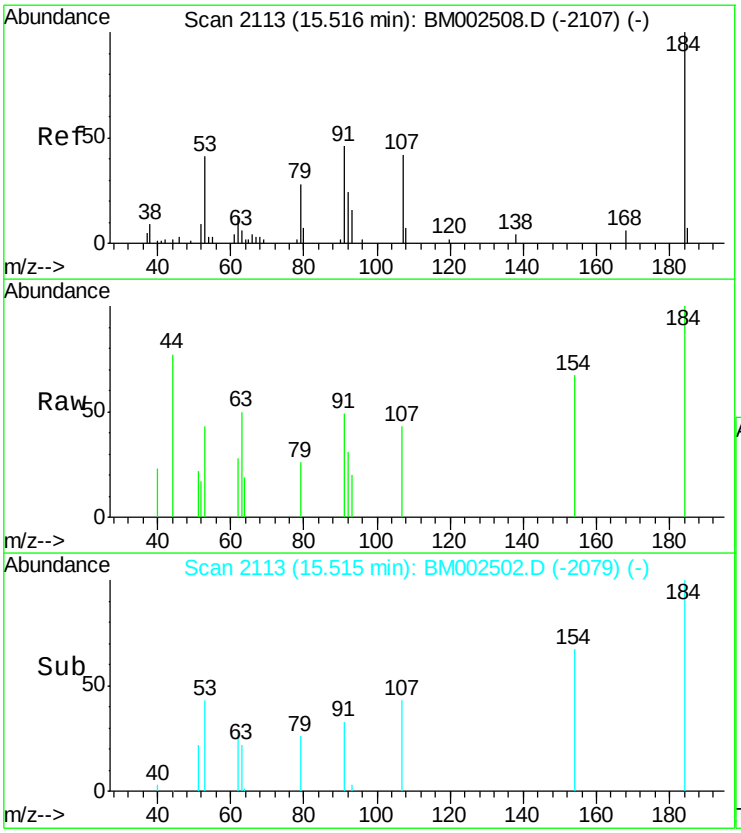
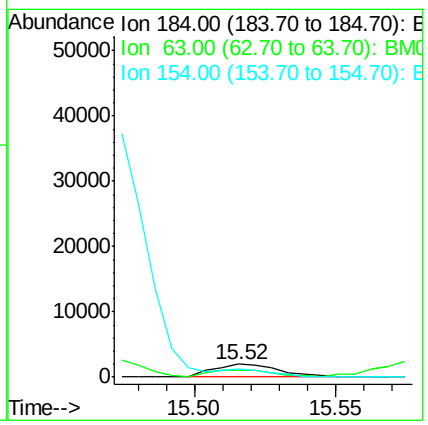
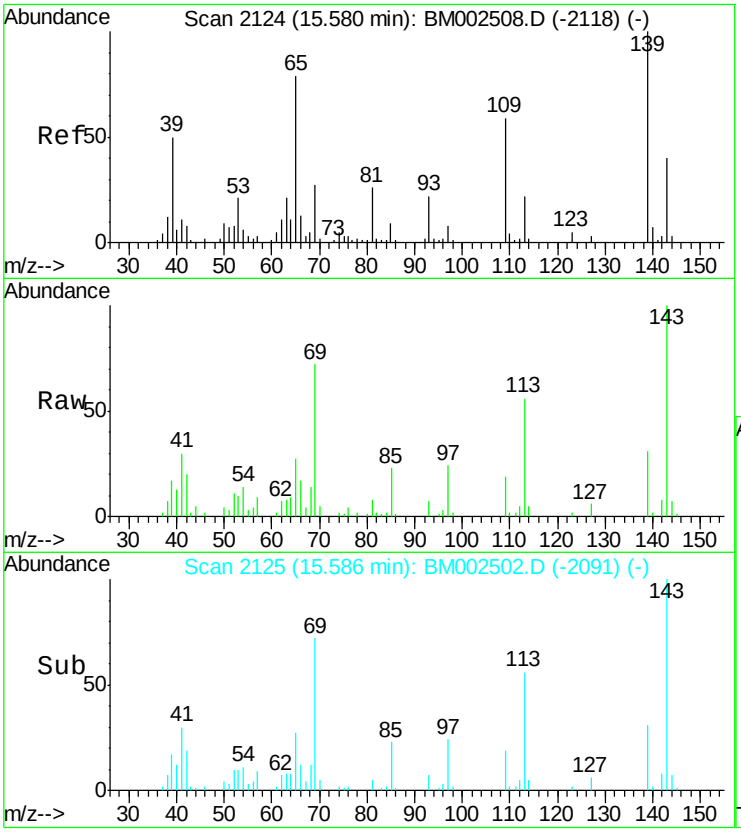


#51
2,4-Dinitrophenol
Concen: 1.89 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:184 Resp: 3219

Ion	Ratio	Lower	Upper
184	100		
63	50.3	94.8	142.2#
154	66.5	525.6	788.4#

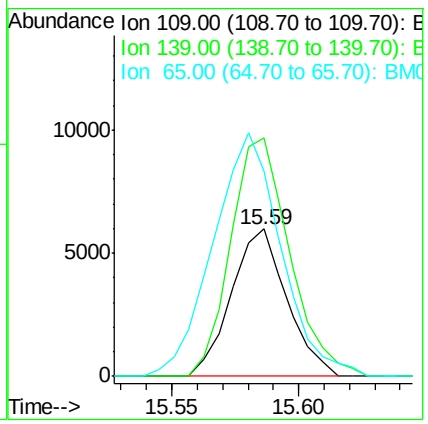




#53
4-Nitrophenol
Concen: 2.66 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:109 Resp: 9102

Ion	Ratio	Lower	Upper
109	100		
139	161.6	118.7	178.1
65	139.0	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
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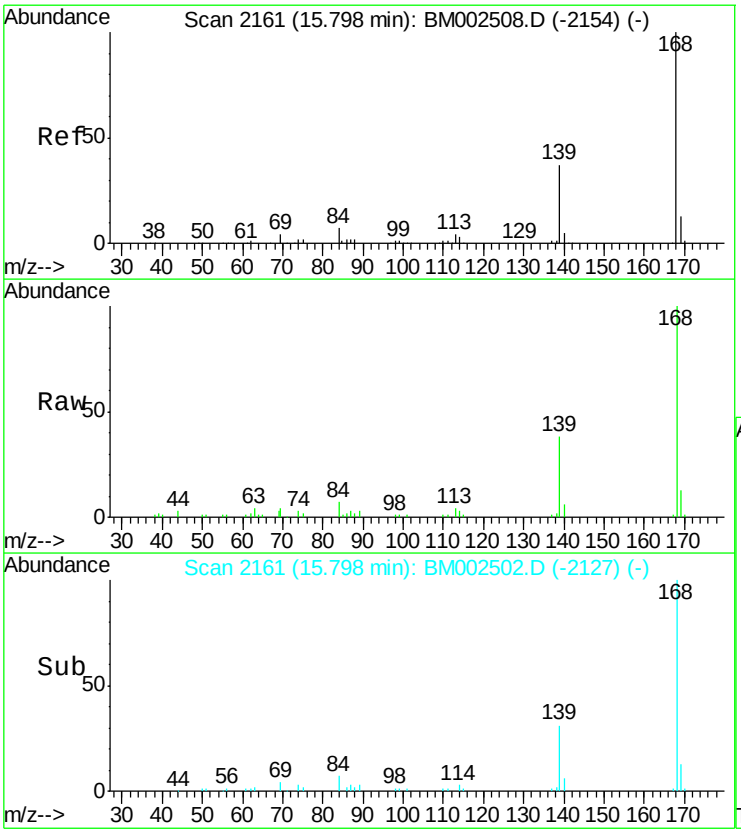
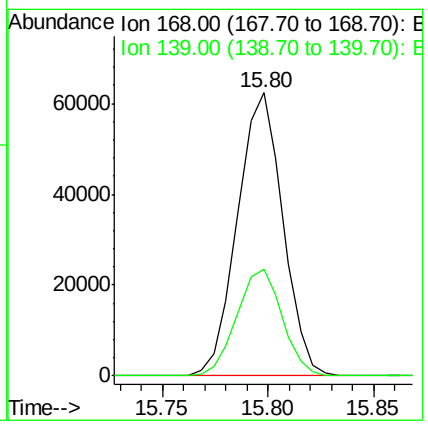
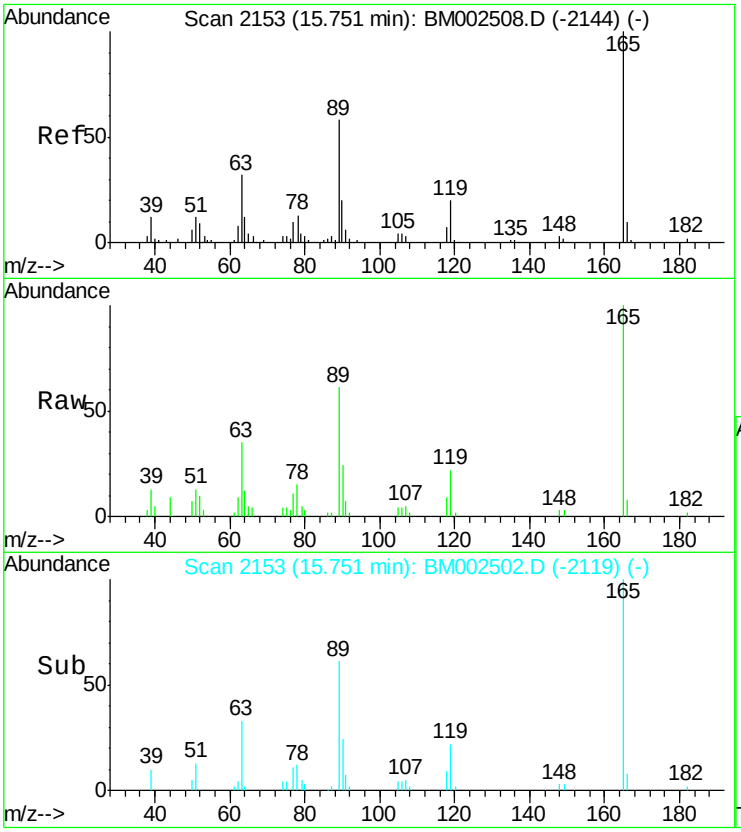


#54
Dibenzofuran
Concen: 3.07 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:168 Resp: 92875

Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 3.26 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:165 Resp: 22769

Ion	Ratio	Lower	Upper
165	100		
63	35.1	35.9	53.9#
182	2.4	2.5	3.7#

Instrument :
BNA_M
ClientSampleId :
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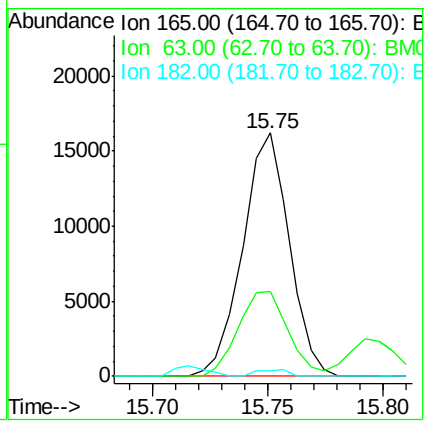
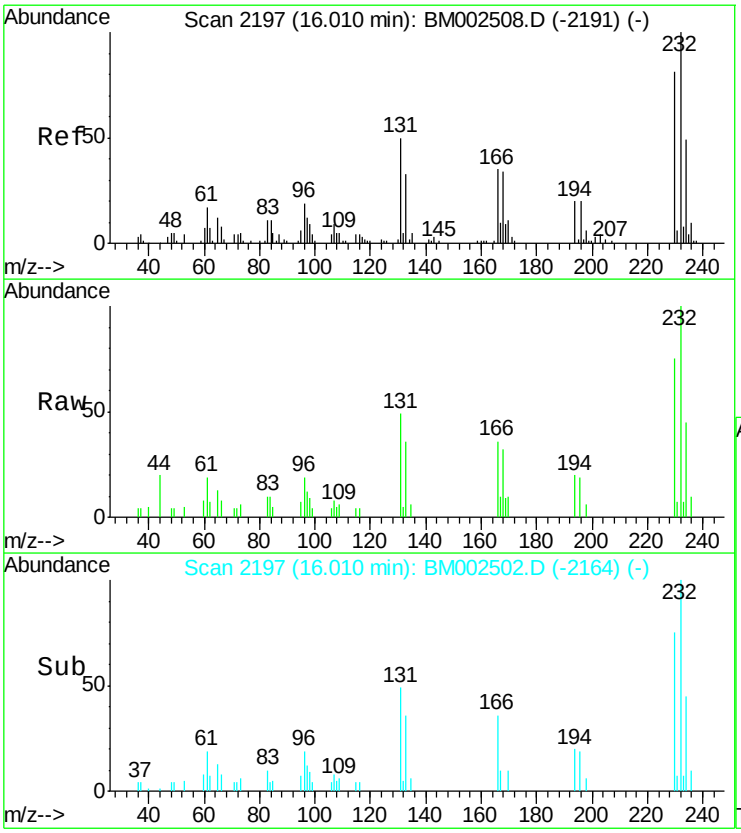
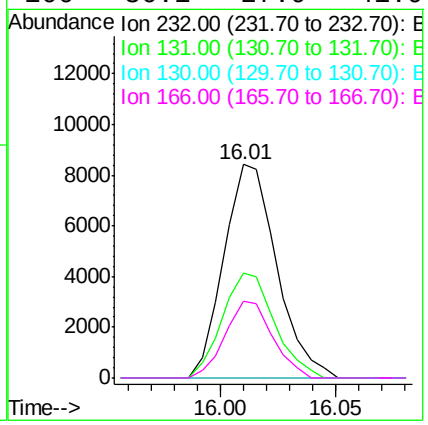


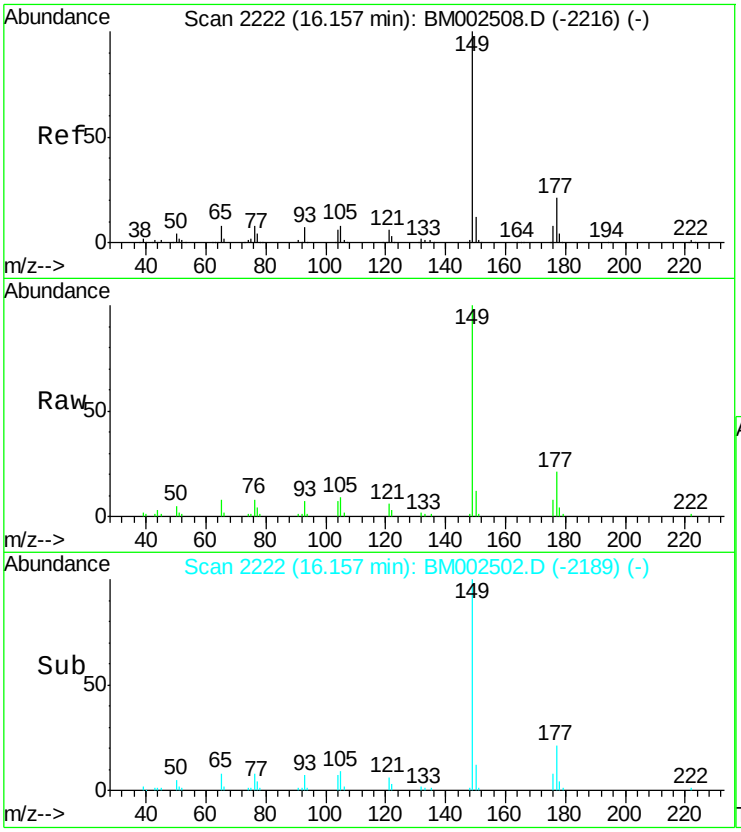


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.81 ng/ul
RT: 16.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:232 Resp: 13439

Ion	Ratio	Lower	Upper
232	100		
131	49.4	42.2	63.4
130	0.0	2.2	3.4#
166	36.1	27.9	41.9

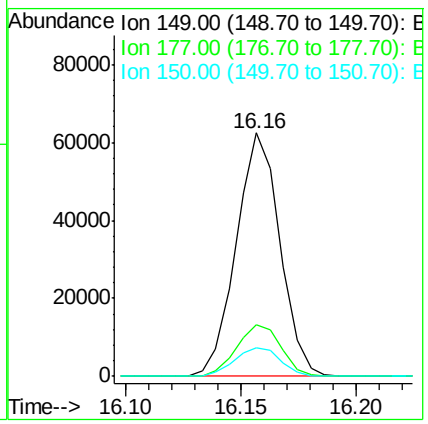




#57
Diethylphthalate
Concen: 2.92 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:149 Resp: 82233

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	11.9	9.9	14.9



Instrument :
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ClientSampleId :
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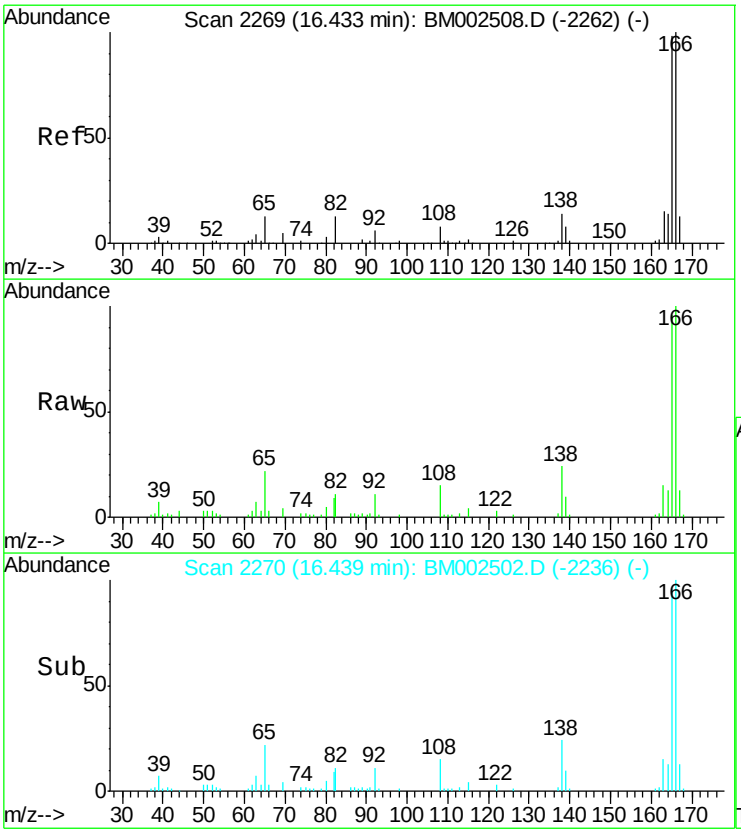
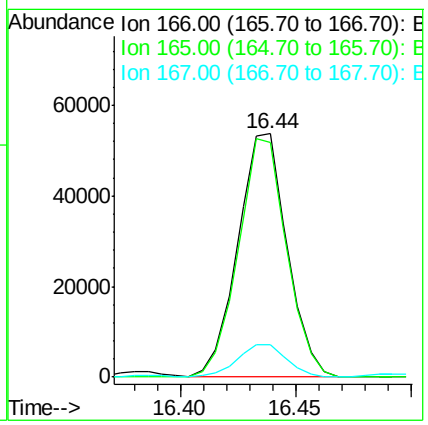
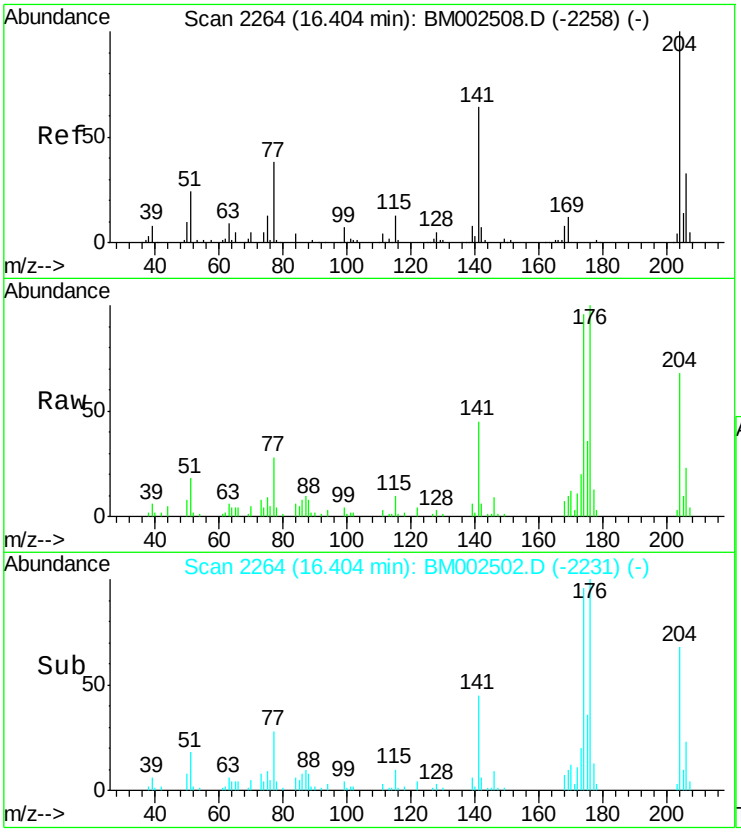


#59
Fluorene
Concen: 3.13 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:166 Resp: 79832

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.5	116.3
167	13.1	10.4	15.6

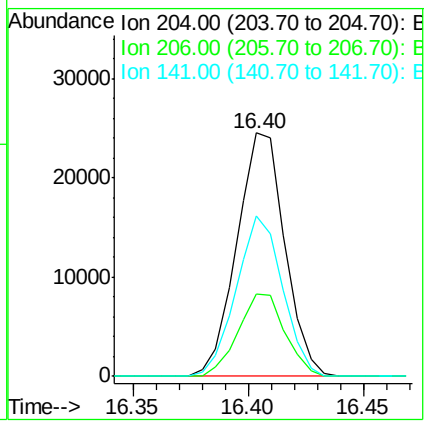




#60
4-Chlorophenyl-phenylether
Concen: 3.04 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:204 Resp: 35582

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.0	39.0
141	65.9	53.7	80.5



Instrument :
BNA_M
ClientSampleId :
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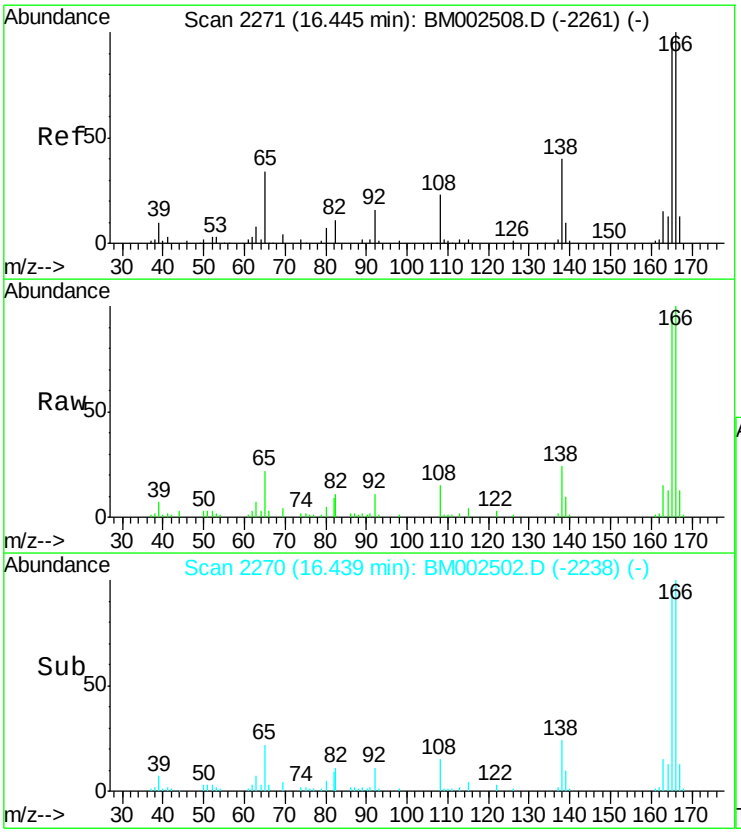
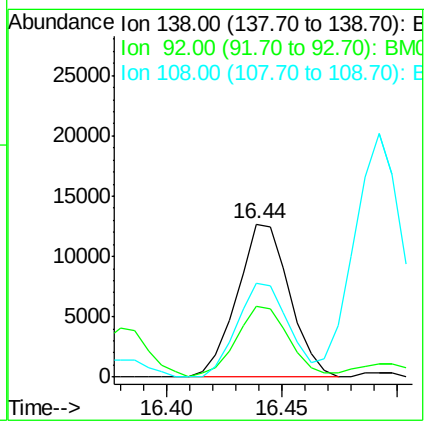
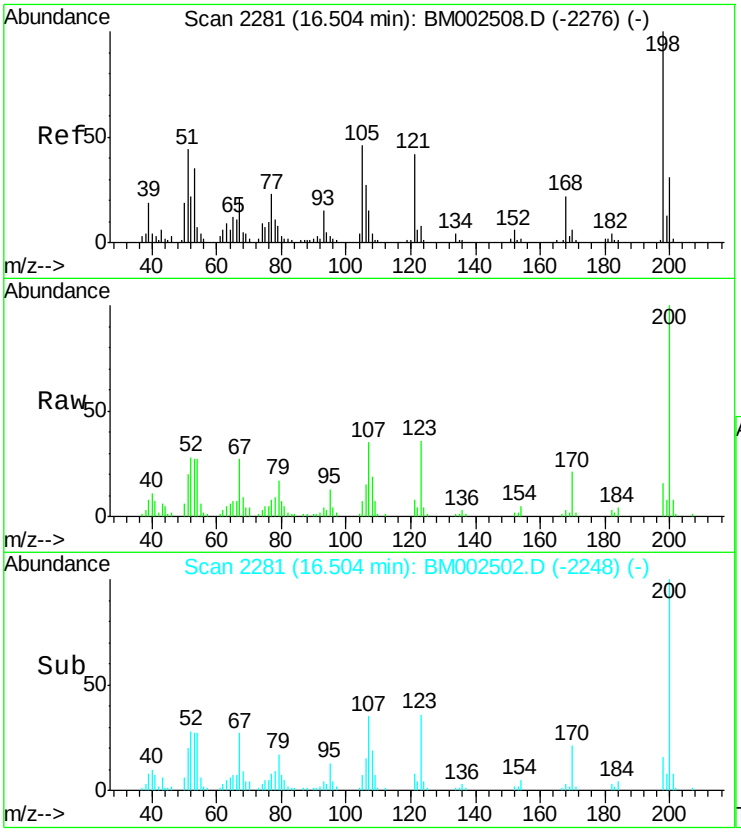


#61
4-Nitroaniline
Concen: 3.26 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:138 Resp: 20082

Ion	Ratio	Lower	Upper
138	100		
92	46.3	40.4	60.6
108	61.3	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 3.78 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:198 Resp: 11554

Ion	Ratio	Lower	Upper
198	100		
182	18.1	3.7	5.5#
77	49.6	24.2	36.4#

Instrument :
BNA_M
ClientSampleId :
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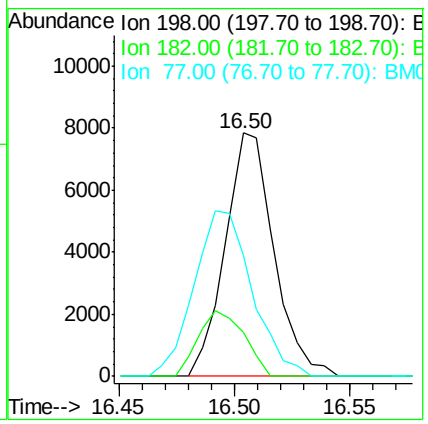
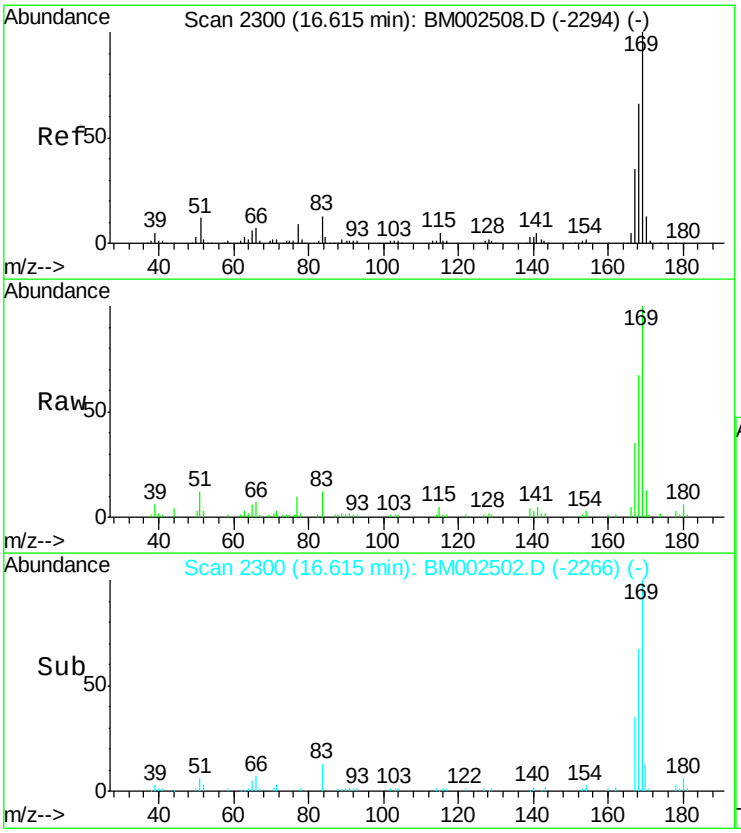
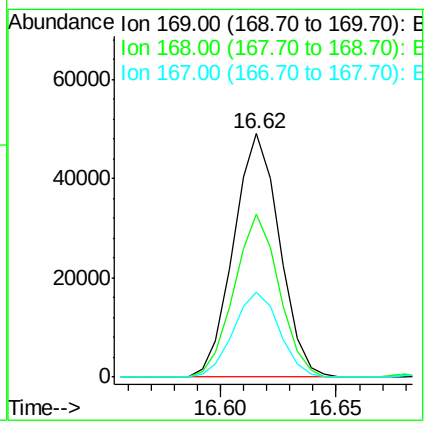


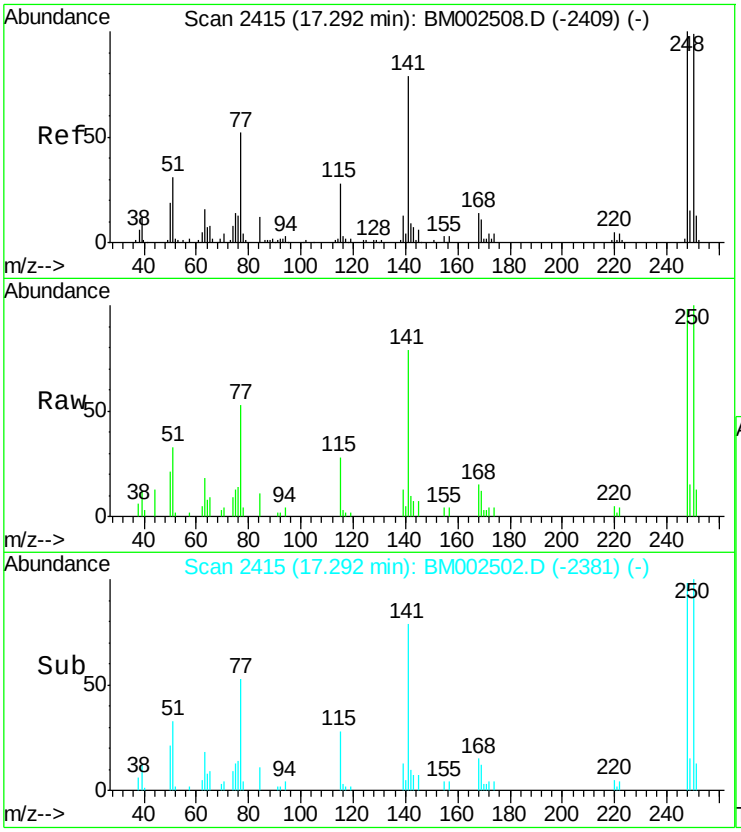


#65
N-Nitrosodiphenylamine
Concen: 3.00 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:169 Resp: 68187

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	35.0	28.8	43.2

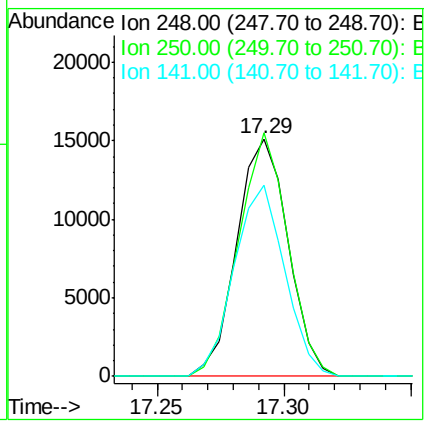




#66
4-Bromophenyl-phenylether
Concen: 2.94 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:248 Resp: 21256

Ion	Ratio	Lower	Upper
248	100		
250	102.6	78.5	117.7
141	80.5	66.2	99.4



Instrument :
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ClientSampleId :
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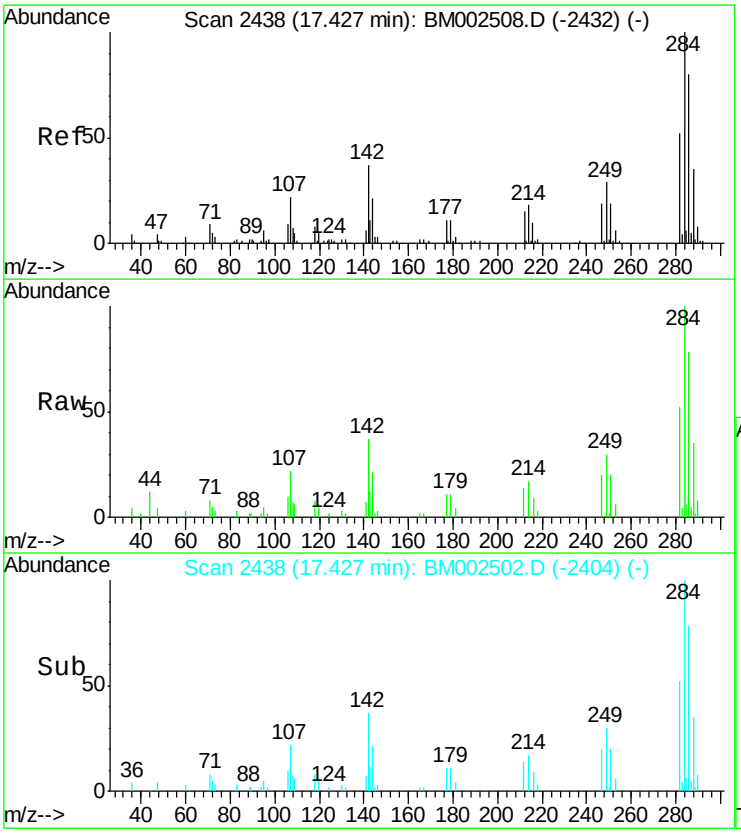
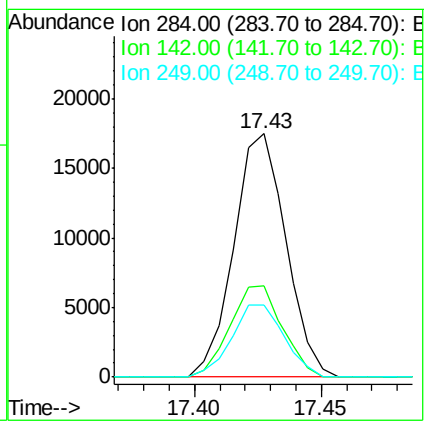
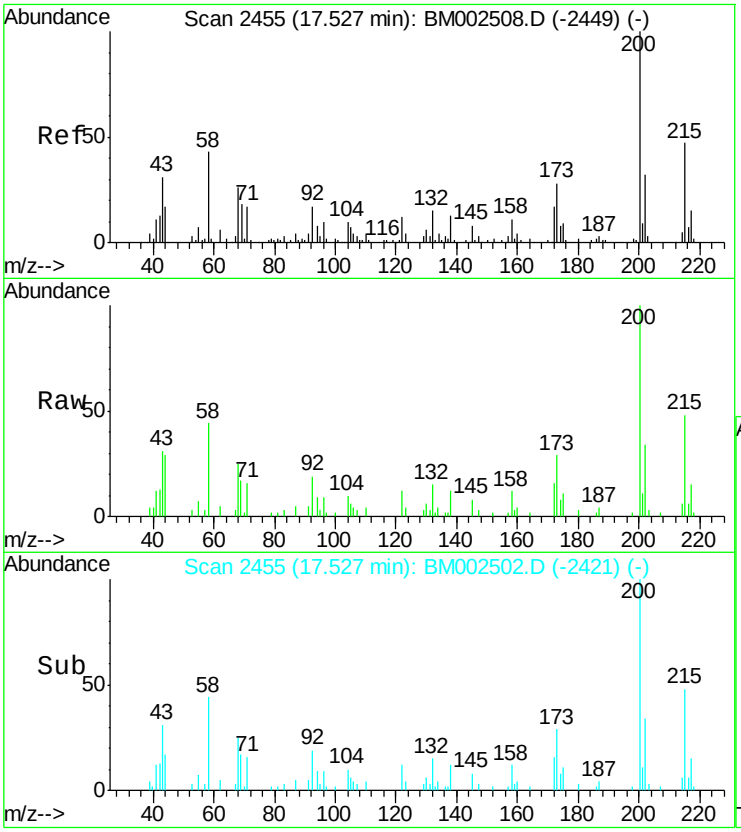


#67
Hexachlorobenzene
Concen: 3.04 ng/ul
RT: 17.43 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:284 Resp: 25067

Ion	Ratio	Lower	Upper
284	100		
142	37.3	30.2	45.4
249	29.5	24.6	36.8

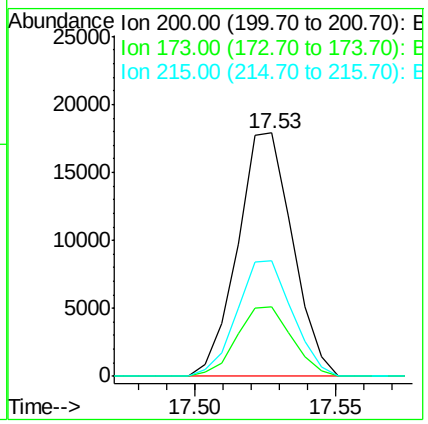




#68
Atrazine
Concen: 3.06 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:200 Resp: 24152

Ion	Ratio	Lower	Upper
200	100		
173	28.7	22.4	33.6
215	47.7	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
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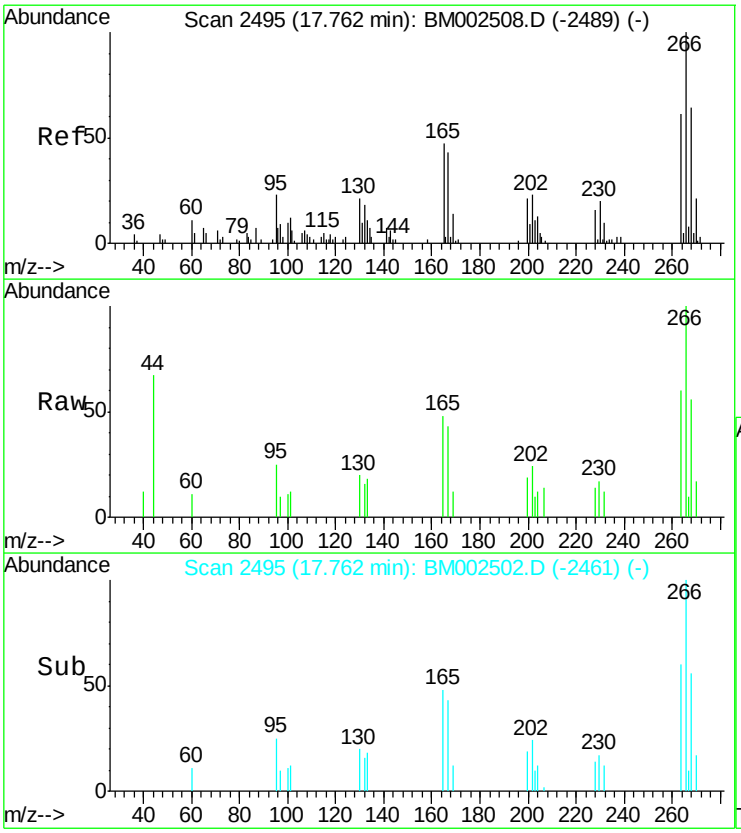
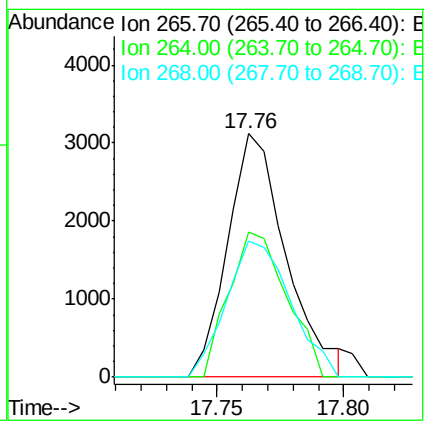
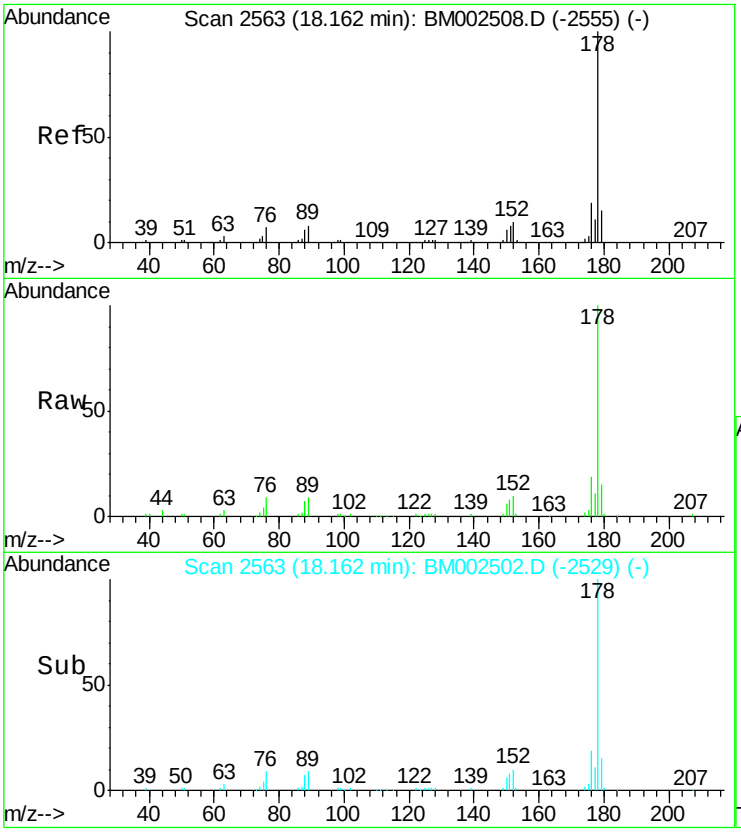


#69
Pentachlorophenol
Concen: 1.24 ng/ul
RT: 17.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:266 Resp: 5013

Ion	Ratio	Lower	Upper
266	100		
264	59.8	50.3	75.5
268	56.1	51.0	76.4

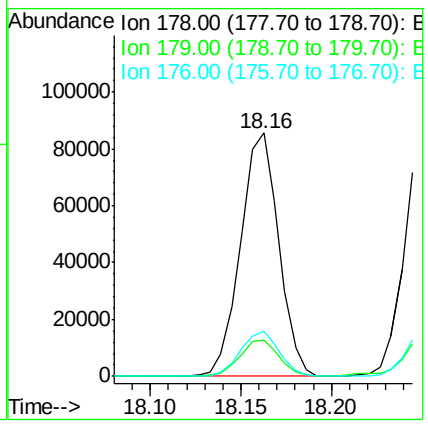




#70
Phenanthrene
Concen: 3.14 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:178 Resp: 125267

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.5	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

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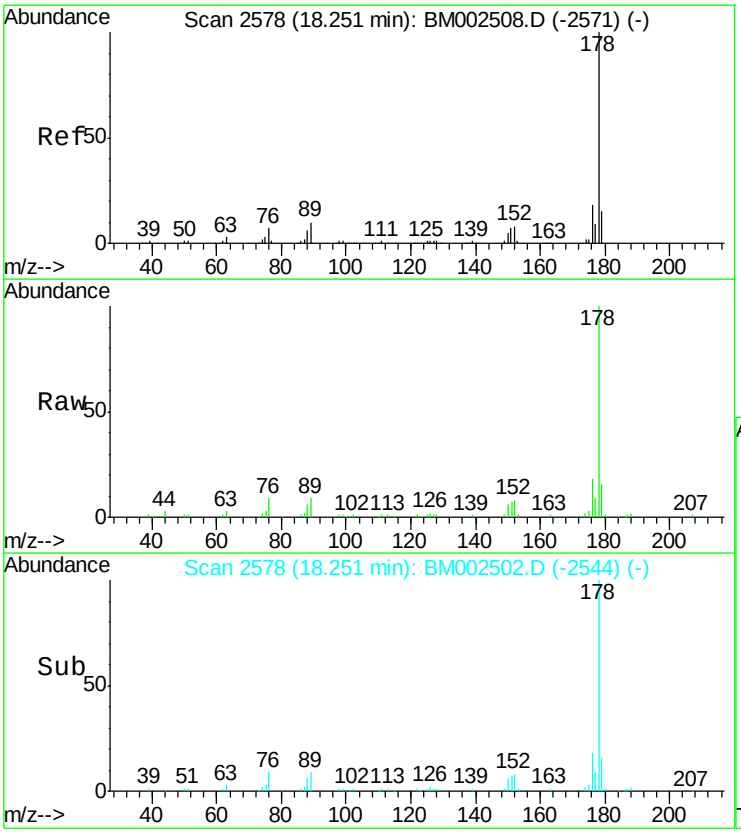
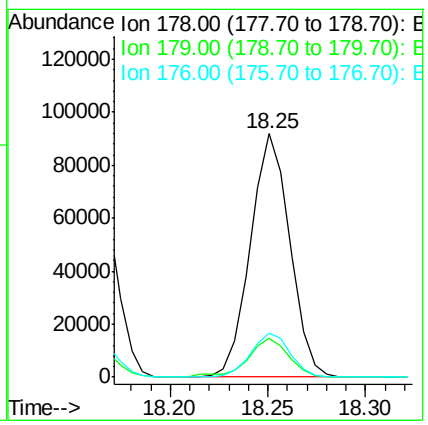
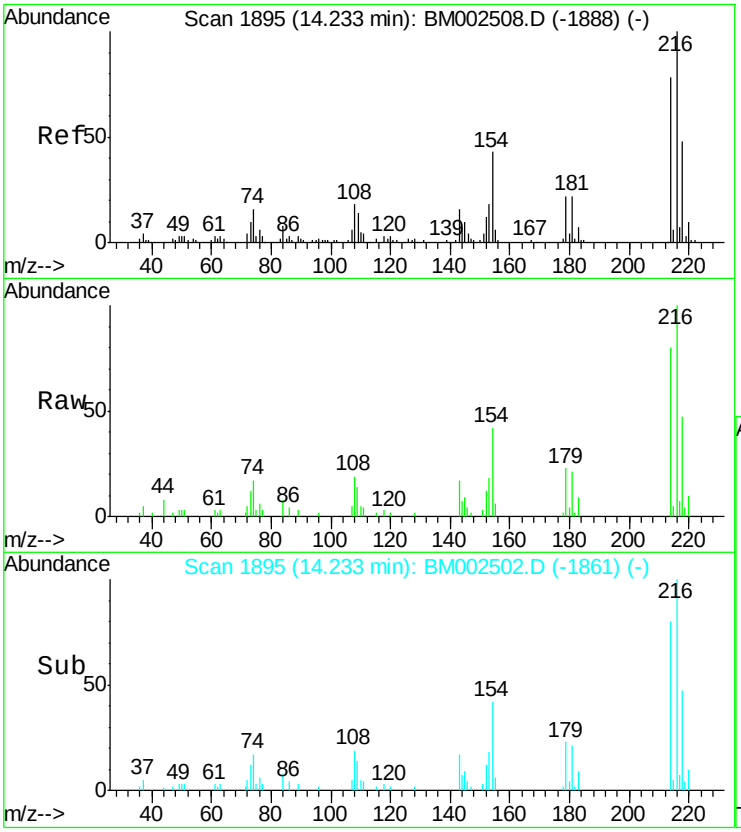


#72
Anthracene
Concen: 3.12 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:178 Resp: 128588

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.0	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.67 ng/uL
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:216 Resp: 25175

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.0
218	47.4	38.9	58.3

Instrument :
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ClientSampleId :
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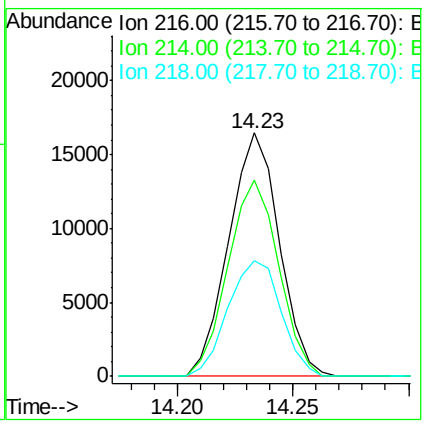
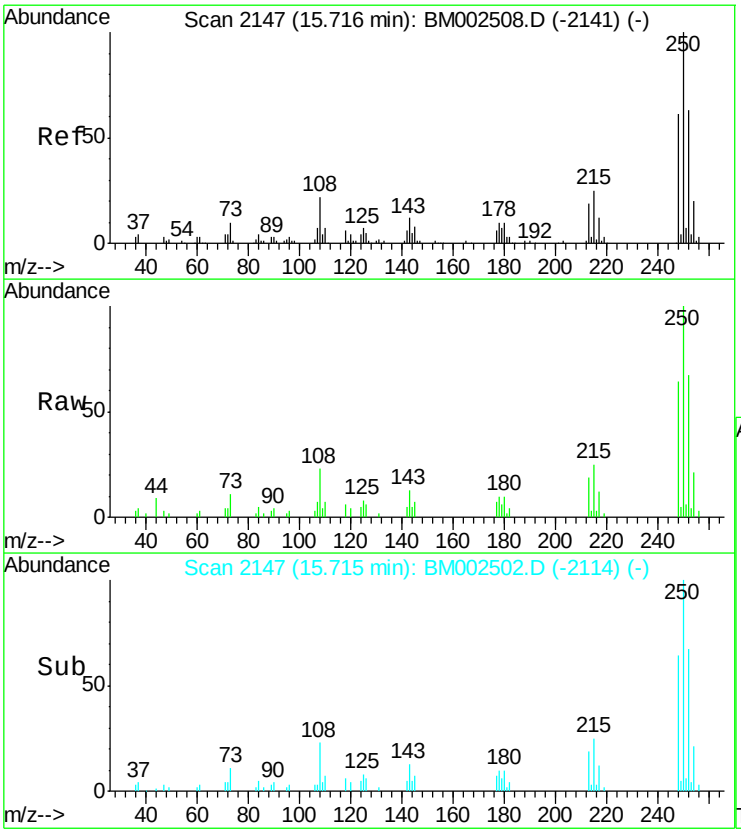
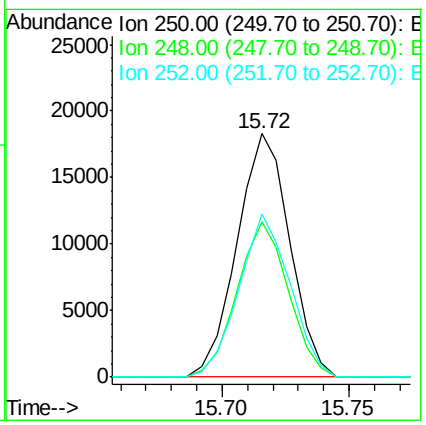


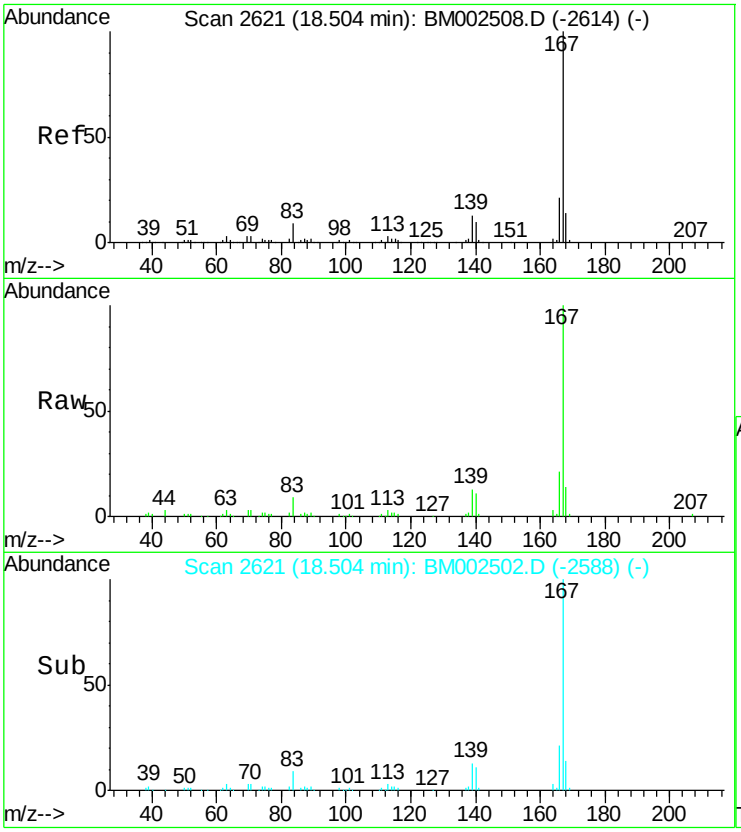


#74
Pentachlorobenzene
Concen: 2.89 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:250 Resp: 26367

Ion	Ratio	Lower	Upper
250	100		
248	63.7	51.0	76.6
252	66.8	50.1	75.1

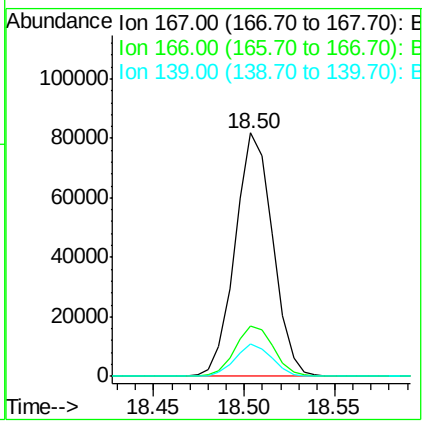




#75
Carbazole
Concen: 3.17 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:167 Resp: 118109

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.2	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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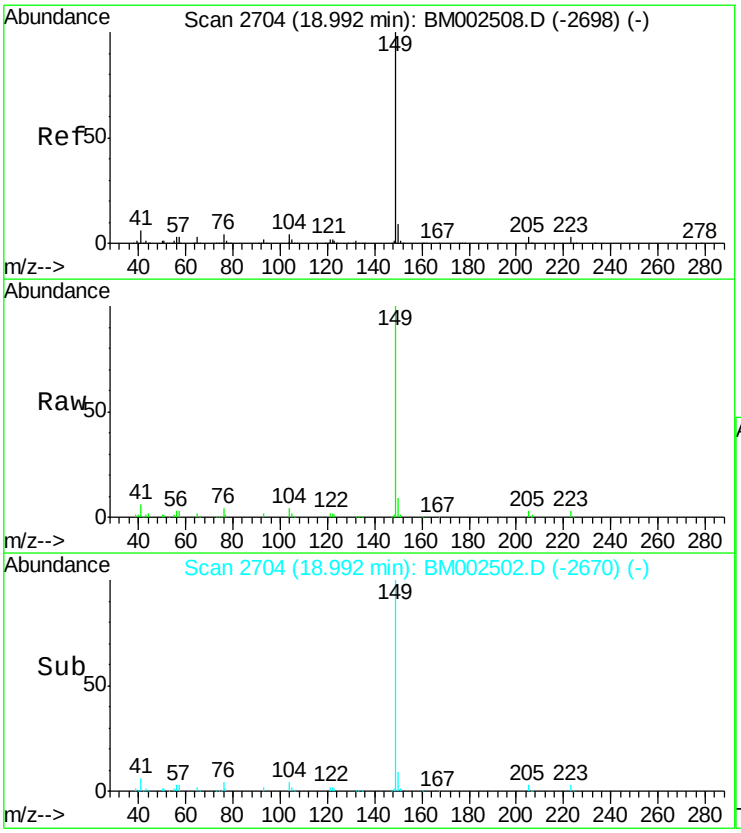
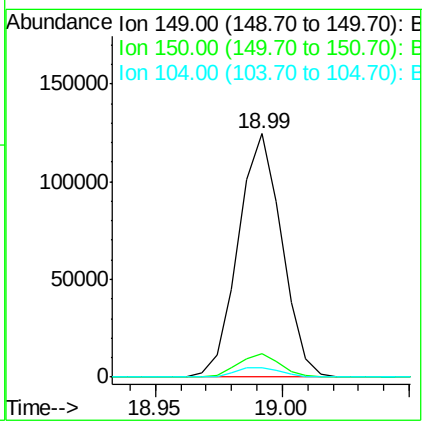
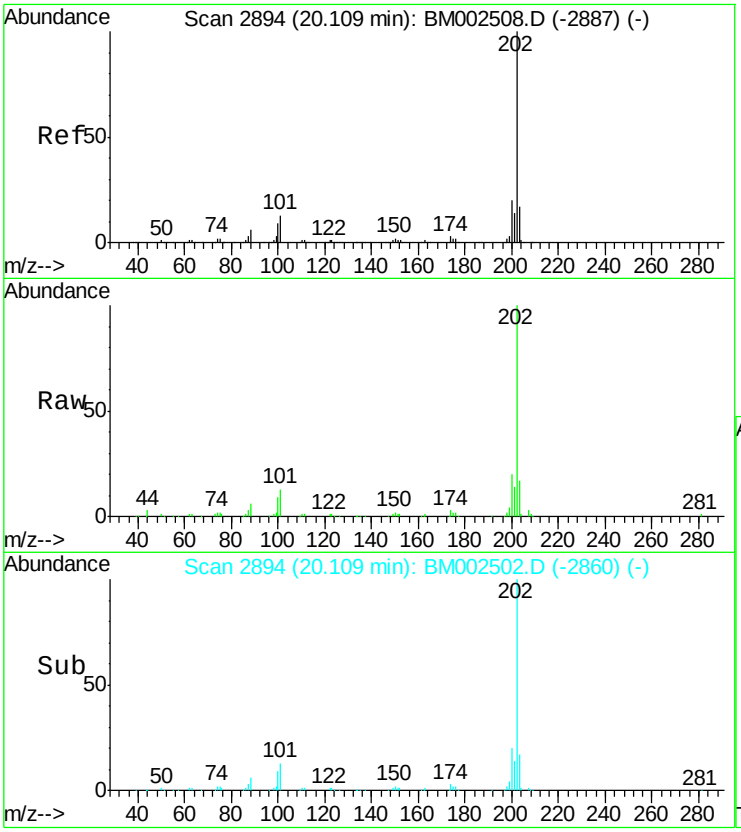


#76
Di-n-butylphthalate
Concen: 2.98 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:149 Resp: 148998

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.1	3.8	5.6

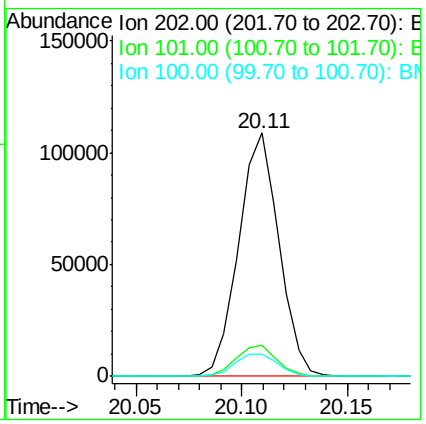




#77
Fluoranthene
Concen: 3.42 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:202 Resp: 144022

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
100	9.2	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

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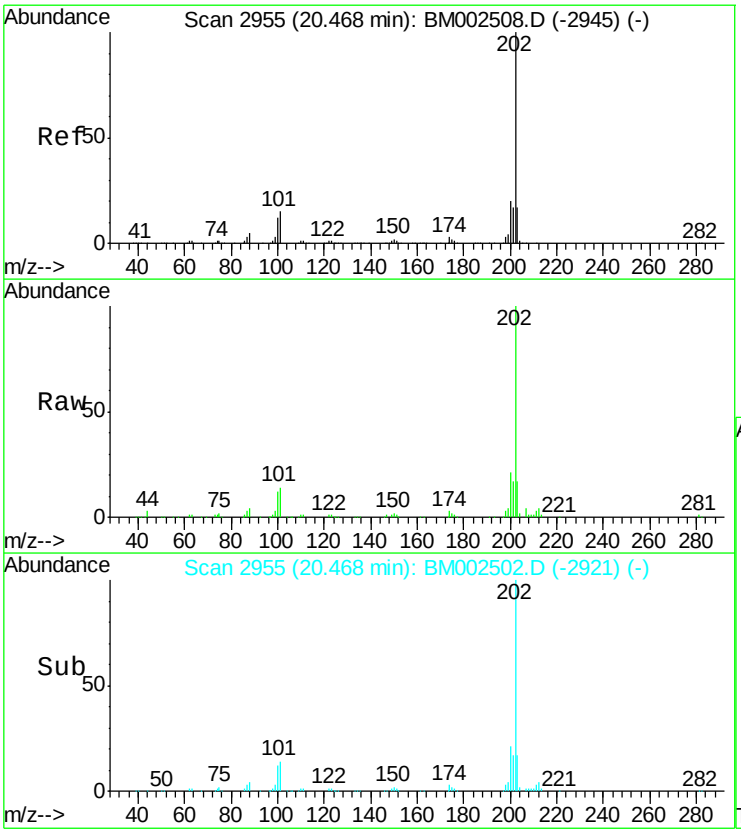
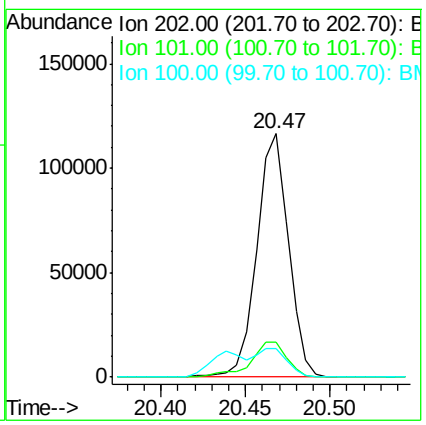
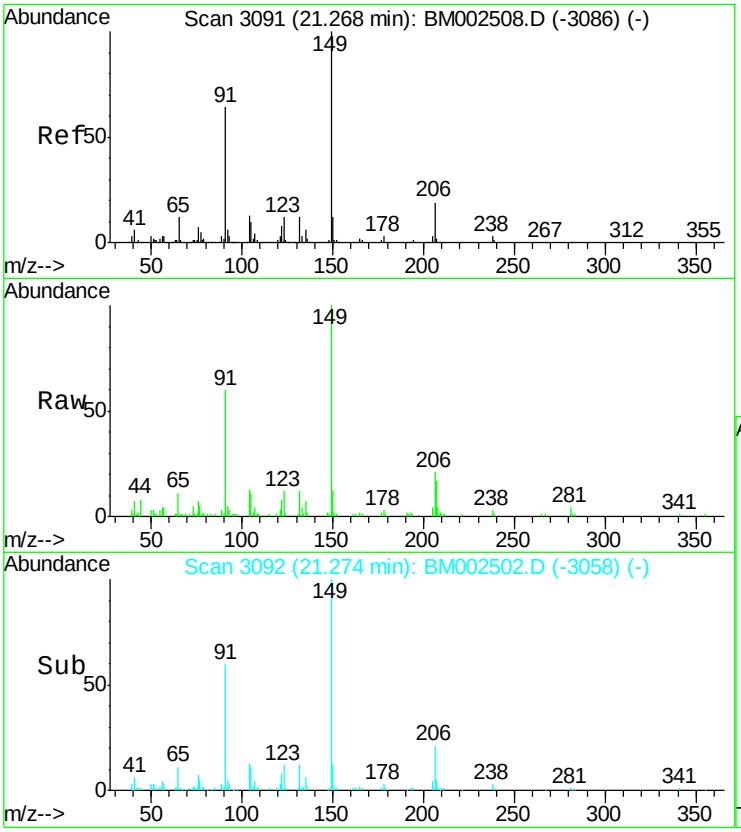


#80
Pyrene
Concen: 3.11 ng/ul
RT: 20.47 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:202 Resp: 151875

Ion	Ratio	Lower	Upper
202	100		
101	14.4	13.0	19.6
100	12.0	11.0	16.4





#81
Butylbenzylphthalate
Concen: 2.88 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:149 Resp: 69358

Ion	Ratio	Lower	Upper
149	100		
91	60.2	57.5	86.3
206	20.8	15.2	22.8

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

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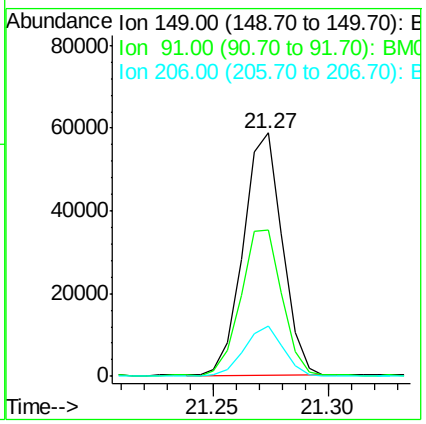
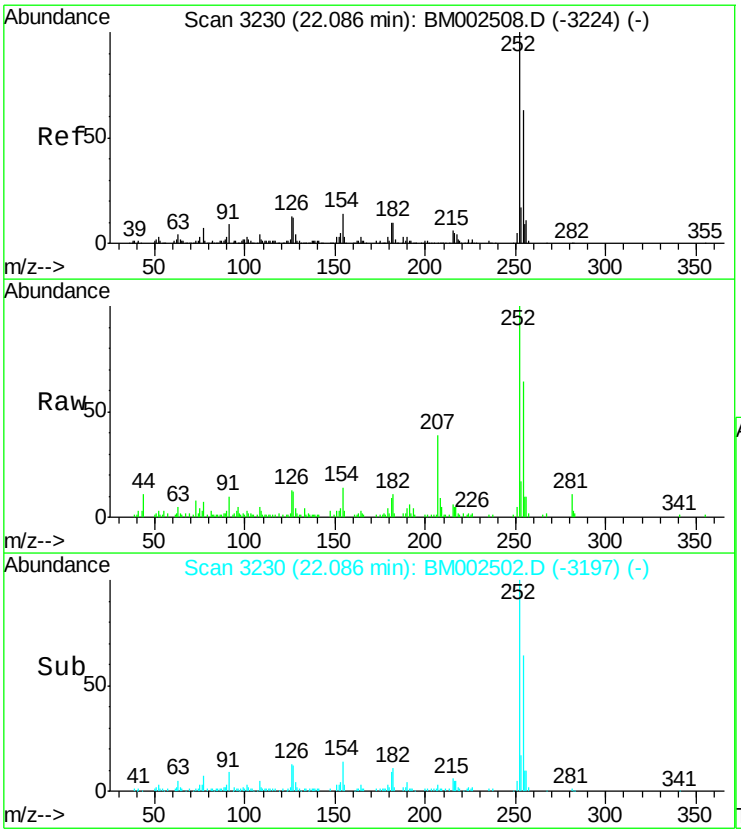
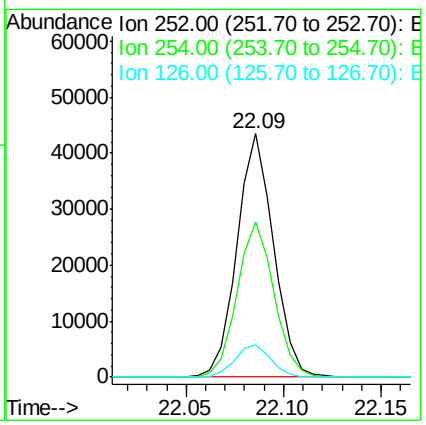


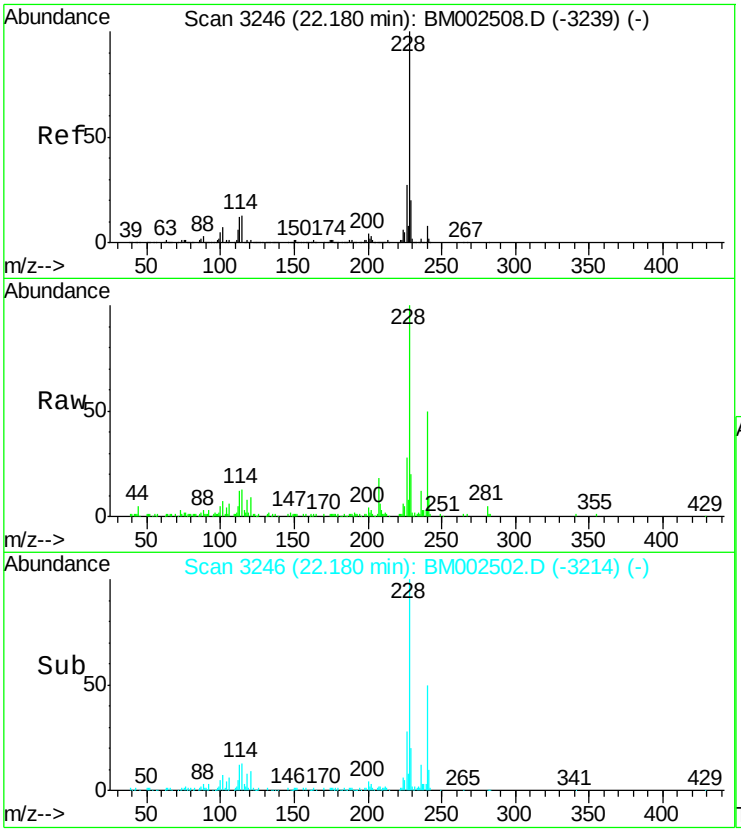


#82
3,3'-Dichlorobenzidine
Concen: 3.88 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:252 Resp: 56279

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.5	78.7
126	13.4	11.8	17.8





#83
Benzo(a)anthracene
Concen: 3.20 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:228 Resp: 147303

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.5	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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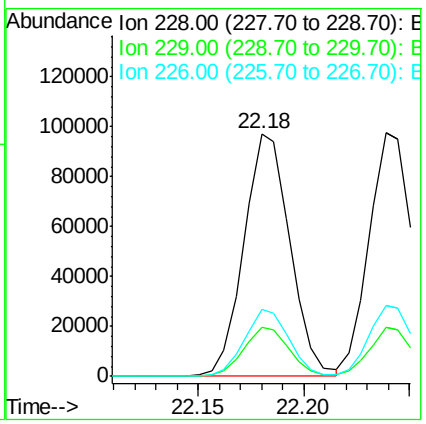
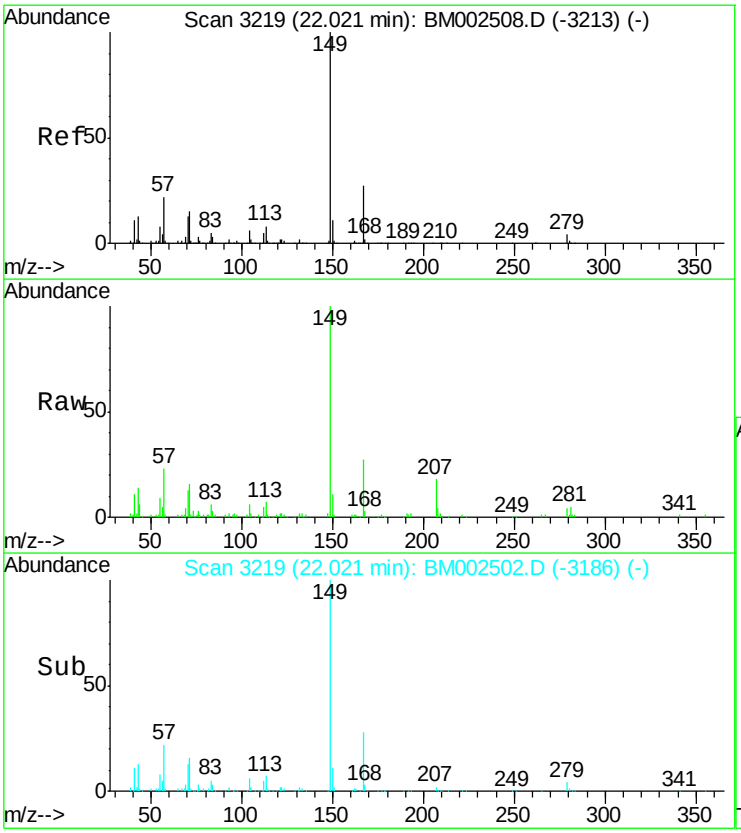
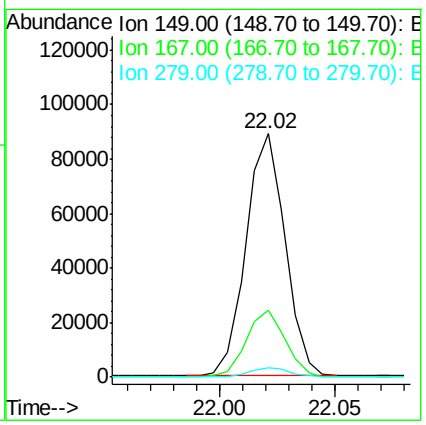


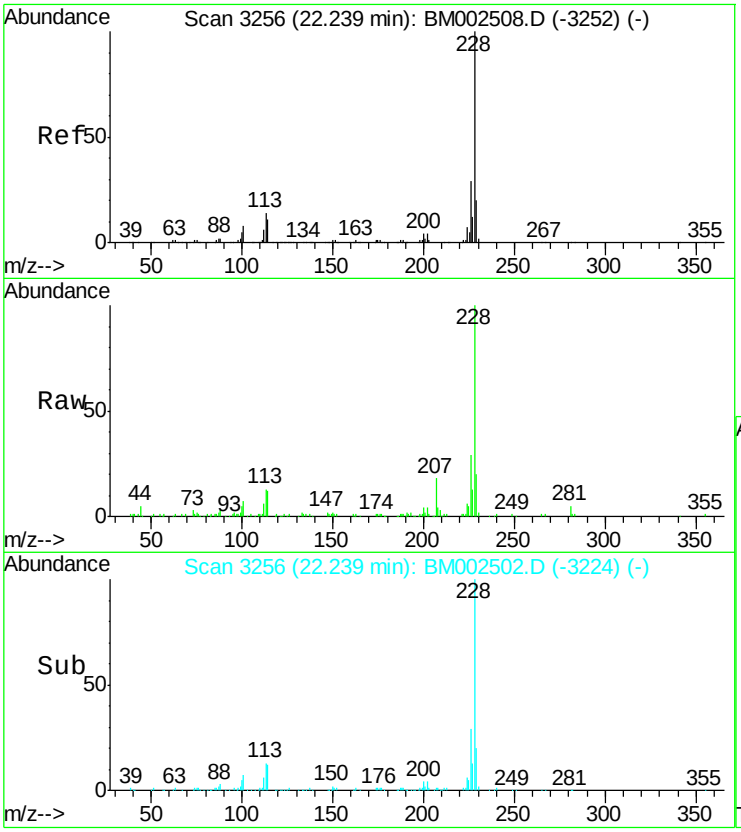


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.02 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:149 Resp: 105297

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	3.9	3.2	4.8





#85
Chrysene
Concen: 3.18 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:228 Resp: 138773

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.2	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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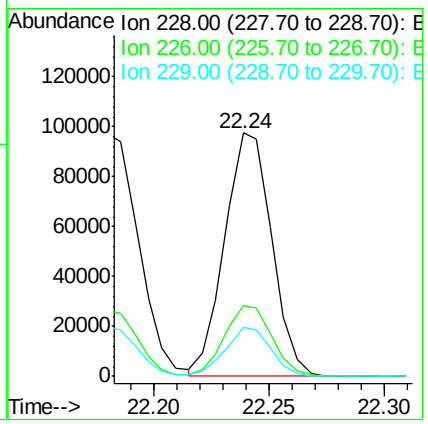
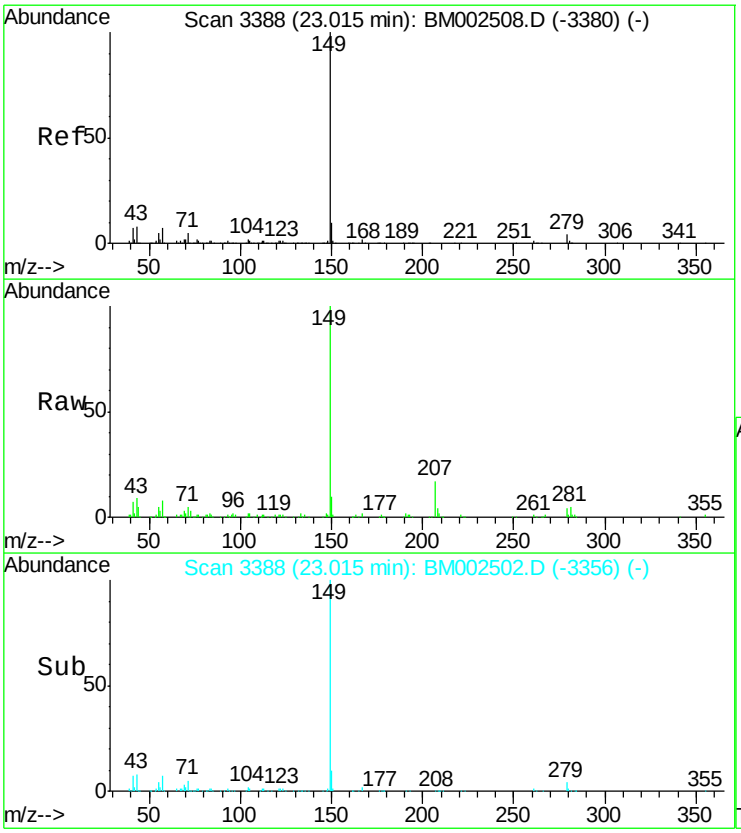
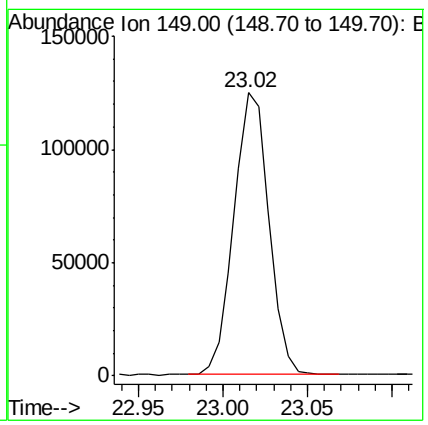
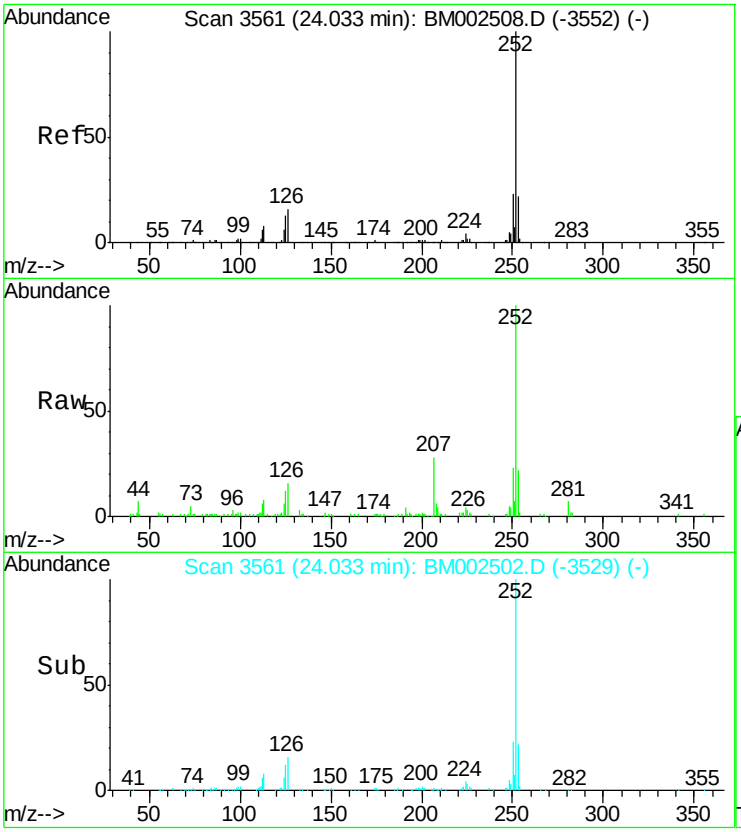




#87
Di-n-octyl phthalate
Concen: 3.04 ng/ul
RT: 23.02 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:149 Resp: 179934

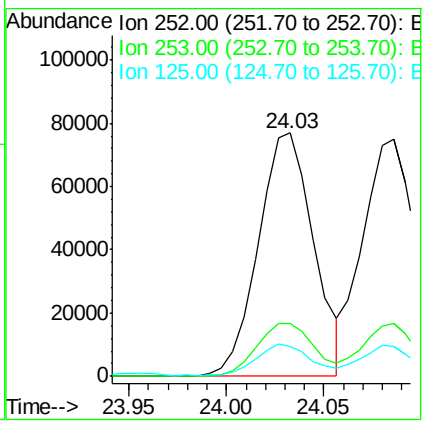




#88
Benzo(b)fluoranthene
Concen: 3.14 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:252 Resp: 151263

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.1	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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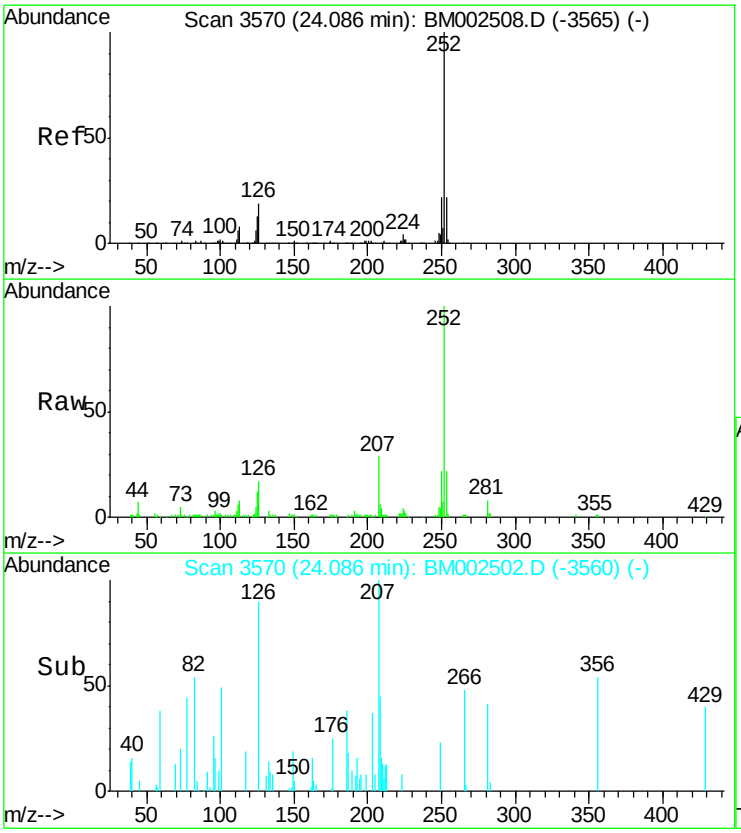
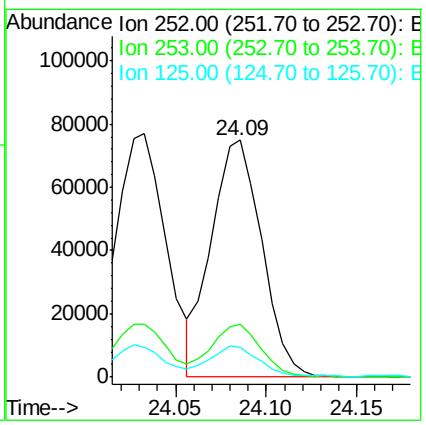
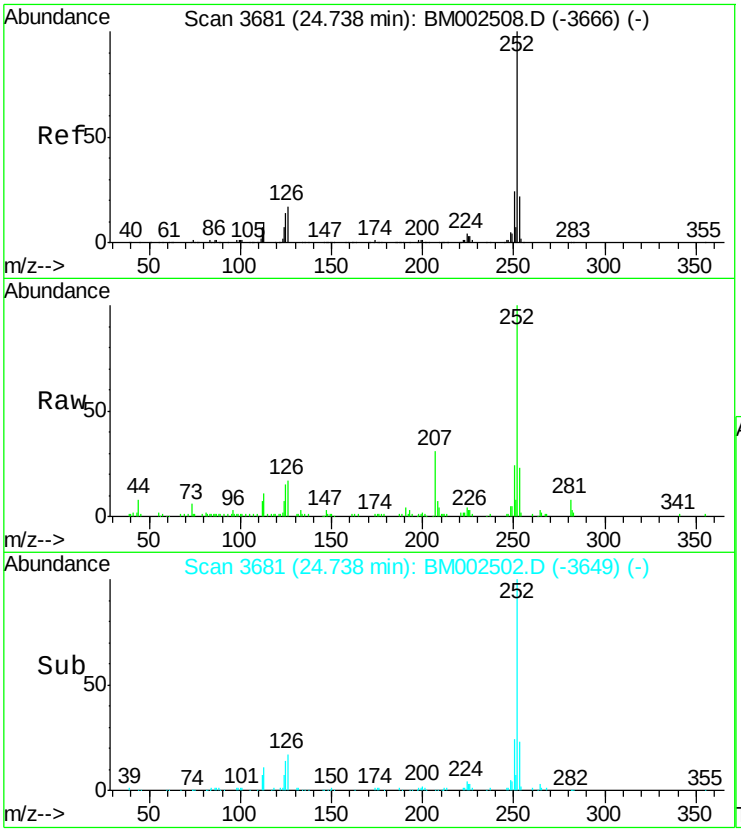


#89
Benzo(k)fluoranthene
Concen: 3.14 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:252 Resp: 145465

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.5	10.2	15.4

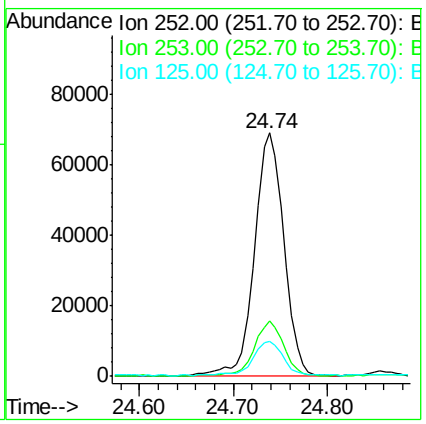




#91
Benzo(a)pyrene
Concen: 3.25 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:252 Resp: 150088

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.5	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
MDL-02-S

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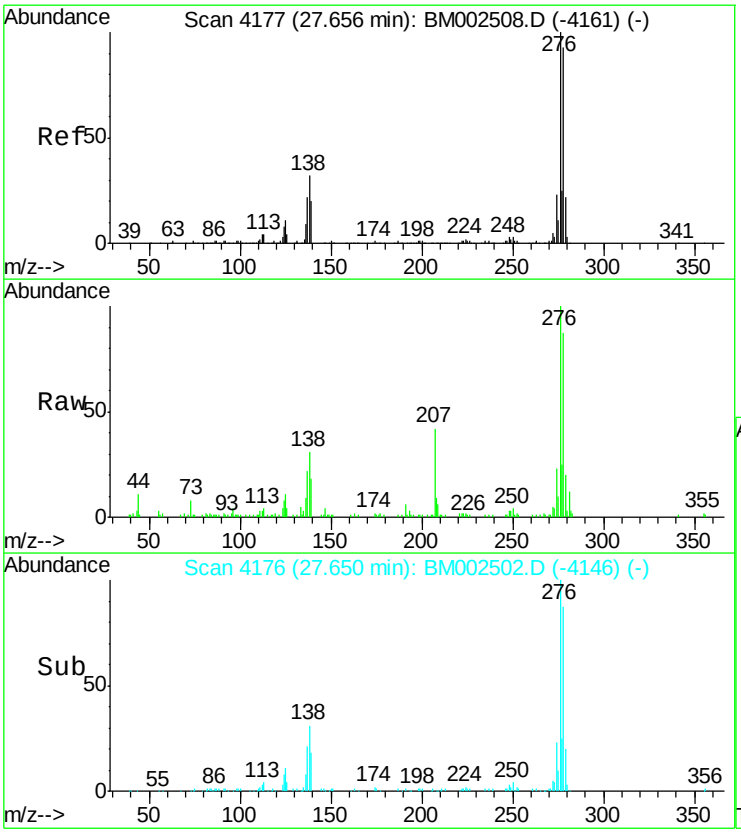
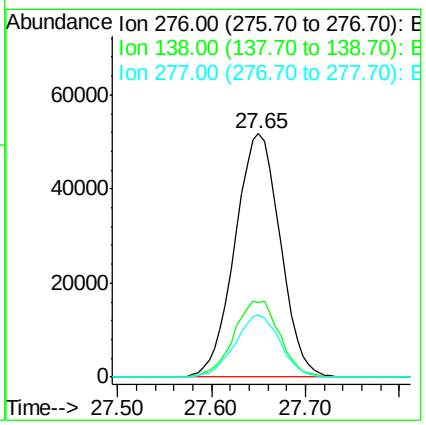
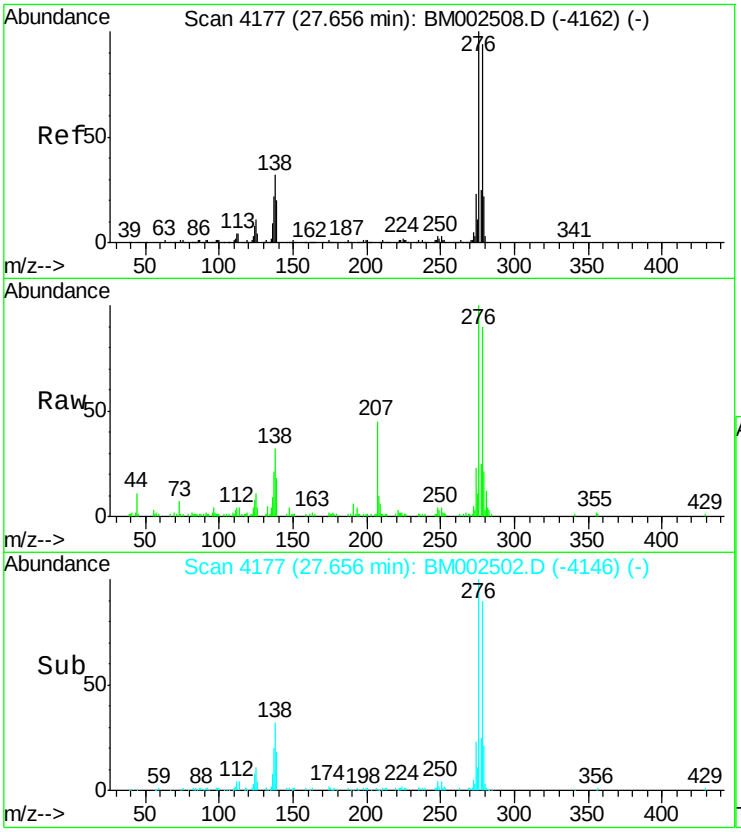


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.27 ng/ul
RT: 27.65 min Scan# 4176
Delta R.T. -0.02 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:276 Resp: 173125

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.6	38.4
277	25.3	21.0	31.4

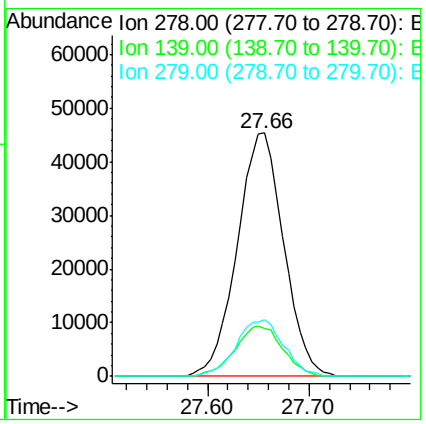




#93
Dibenzo(a,h)anthracene
Concen: 3.22 ng/ul
RT: 27.66 min Scan# 4177
Delta R.T. -0.02 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:278 Resp: 144223

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.4	24.6
279	23.5	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
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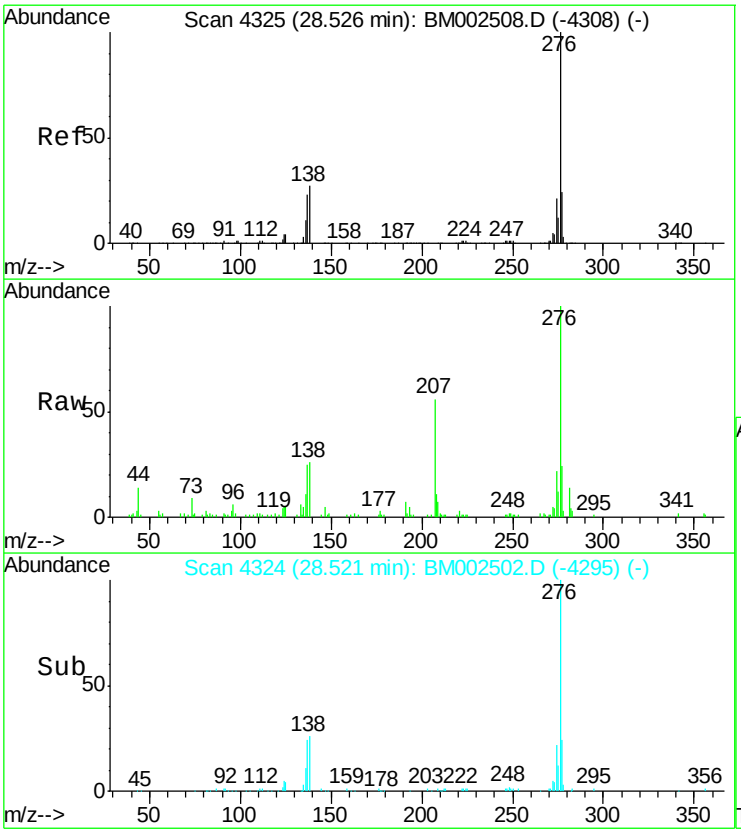

#94
Benzo(g,h,i)perylene
Concen: 3.20 ng/ul
RT: 28.52 min Scan# 4324
Delta R.T. -0.03 min
Lab File: BM002502.D
Acq: 19 Aug 2015 21:54

Tgt Ion:276 Resp: 143017

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.5	30.7
277	24.2	19.0	28.6