Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002507.D
Acq On : 20 Aug 2015 00:57
Operator : UM/IZ
Sample : MDL-07-S
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

Quant Time: Aug 20 04:22:03 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	109620	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	535327	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	308440	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	678473	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	741166	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	761204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14457	6.09	ng/uL	0.00
5) Phenol-d5	7.93	99	315816	31.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179853	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	281527	34.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	282838	33.30	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	150269	37.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	163534	46.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	268553	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	422535	40.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	903153	35.57	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1130178	35.37	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	171139	37.34	ng/ul	0.00
58) Fluorene-d10	16.38	176	761703	34.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	128061	48.03	ng/ul	0.00
71) Anthracene-d10	18.22	188	1181504	35.89	ng/ul	0.00
79) Pyrene-d10	20.44	212	1248389	34.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1465693	36.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1311	0.49	ng/uL#	56
4) Benzaldehyde	7.93	77	17239	2.95	ng/ul	92
6) Phenol	7.96	94	26030	2.56	ng/ul	98
8) Bis(2-Chloroethyl)ether	8.20	93	22360	2.86	ng/ul	96
10) 2-Chlorophenol	8.37	128	23166	2.77	ng/ul	93
11) 2-Methylphenol	9.25	108	21068	2.62	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	30433	2.18	ng/ul	96
14) Acetophenone	9.66	105	36132	2.86	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.63	70	17701	2.61	ng/ul#	92
16) 4-Methylphenol	9.58	108	23481	2.67	ng/ul	99
17) Hexachloroethane	9.93	117	8370	2.54	ng/ul	87
20) Nitrobenzene	10.06	77	24382	2.62	ng/ul	89
21) Isophorone	10.57	82	50289	2.71	ng/ul	100
23) 2-Nitrophenol	10.78	139	14195	3.51	ng/ul	92
24) 2,4-Dimethylphenol	10.81	107	25581	2.58	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	30636	2.66	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	22230	2.97	ng/ul#	84
28) Naphthalene	11.74	128	81291	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	36039	3.51	ng/ul	99
31) Hexachlorobutadiene	11.99	225	12182	2.82	ng/ul	97
32) Caprolactam	12.59	113	8306m	2.69	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	25390	2.71	ng/ul	97
34) 2-Methylnaphthalene	13.29	142	59486	2.95	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002507.D
Acq On : 20 Aug 2015 00:57
Operator : UM/IZ
Sample : MDL-07-S
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

Quant Time: Aug 20 04:22:03 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	26002	2.94 ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5500	1.05 ng/ul	97
39) 2,4,6-Trichlorophenol	13.86	196	16209	2.94 ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	18218	2.94 ng/ul	97
41) 1,1'-Biphenyl	14.25	154	76781	2.94 ng/ul	98
42) 2-Chloronaphthalene	14.31	162	56995	2.88 ng/ul	97
43) 2-Nitroaniline	14.50	65	14797	2.46 ng/ul#	84
45) Dimethylphthalate	14.83	163	76899	2.97 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14426	2.97 ng/ul	89
48) Acenaphthylene	15.14	152	99339	2.99 ng/ul	99
49) 3-Nitroaniline	15.30	138	18095	3.45 ng/ul#	91
50) Acenaphthene	15.47	153	64512	2.89 ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3008	1.80 ng/ul#	1
53) 4-Nitrophenol	15.58	109	8807	2.62 ng/ul	89
54) Dibenzofuran	15.80	168	90138	3.03 ng/ul	95
55) 2,4-Dinitrotoluene	15.74	165	22285	3.24 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.01	232	12644	2.68 ng/ul#	95
57) Diethylphthalate	16.16	149	79119	2.86 ng/ul	99
59) Fluorene	16.43	166	75293	3.00 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	34398	2.99 ng/ul	95
61) 4-Nitroaniline	16.44	138	19421	3.20 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.50	198	10738	3.59 ng/ul#	80
65) N-Nitrosodiphenylamine	16.62	169	65092	2.93 ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	19755	2.79 ng/ul	98
67) Hexachlorobenzene	17.42	284	23126	2.86 ng/ul	98
68) Atrazine	17.52	200	22760	2.94 ng/ul	98
69) Pentachlorophenol	17.76	266	4947	1.25 ng/ul	99
70) Phenanthrene	18.16	178	121073	3.10 ng/ul	100
72) Anthracene	18.25	178	122032	3.03 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	24606	2.67 ng/uL	98
74) Pentachlorobenzene	15.72	250	25359	2.84 ng/uL	97
75) Carbazole	18.50	167	111571	3.06 ng/ul	100
76) Di-n-butylphthalate	18.99	149	138028	2.82 ng/ul	99
77) Fluoranthene	20.11	202	135436	3.28 ng/ul	97
80) Pyrene	20.46	202	144999	3.03 ng/ul	99
81) Butylbenzylphthalate	21.27	149	66233	2.80 ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	52269	3.67 ng/ul	97
83) Benzo(a)anthracene	22.18	228	139735	3.09 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	98932	2.89 ng/ul	100
85) Chrysene	22.24	228	130229	3.04 ng/ul	99
87) Di-n-octyl phthalate	23.01	149	169116	2.91 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	143405	3.03 ng/ul	98
89) Benzo(k)fluoranthene	24.08	252	135642	2.99 ng/ul	98
91) Benzo(a)pyrene	24.74	252	142109	3.14 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.64	276	159541	3.07 ng/ul	98
93) Dibenzo(a,h)anthracene	27.64	278	135473	3.08 ng/ul	98
94) Benzo(g,h,i)perylene	28.51	276	132883	3.04 ng/ul	99

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

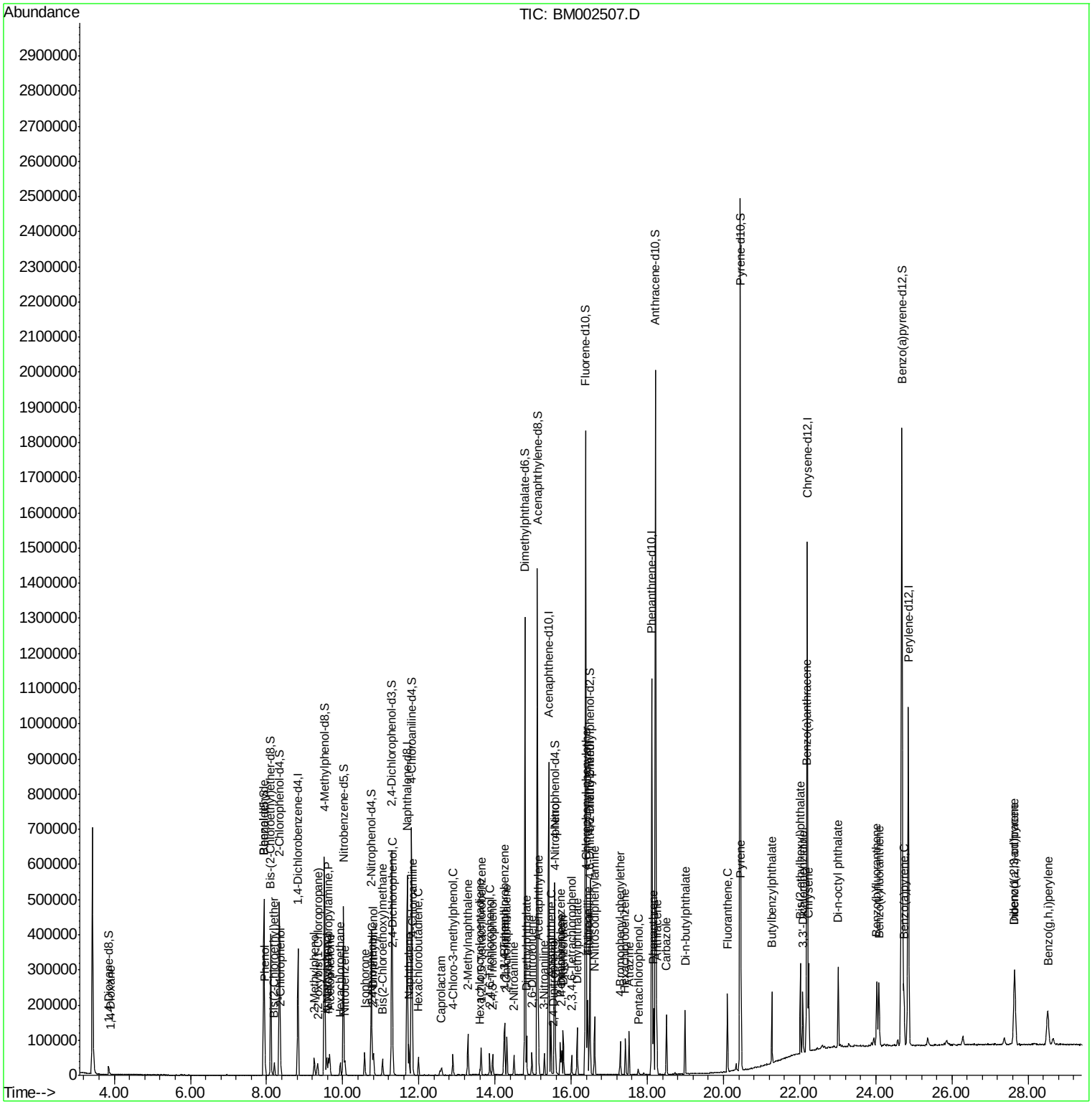
Quantitation Report (QT Reviewed)

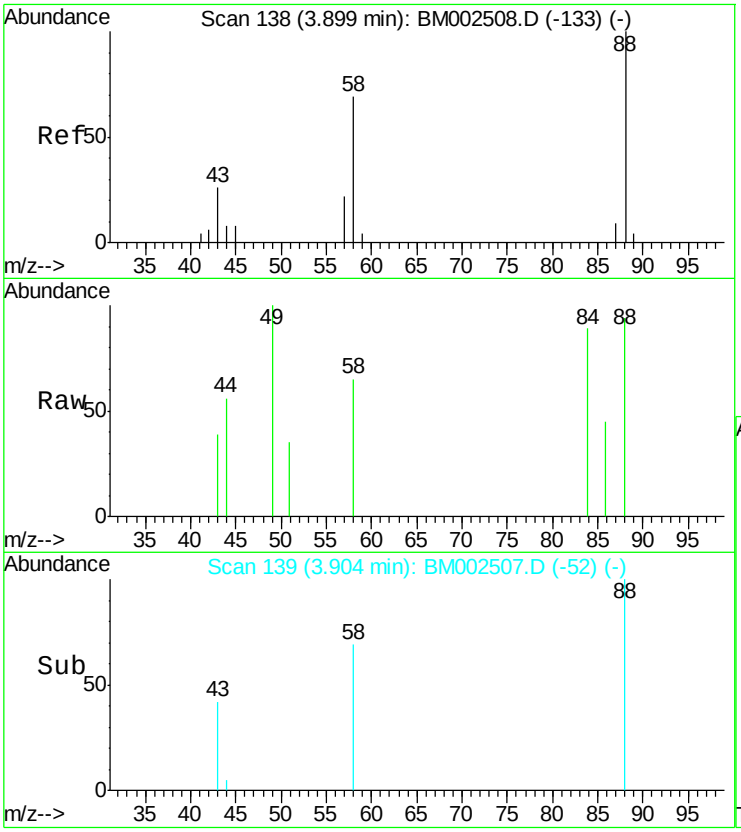
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002507.D
Acq On : 20 Aug 2015 00:57
Operator : UM/IZ
Sample : MDL-07-S
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 20 04:22:03 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

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

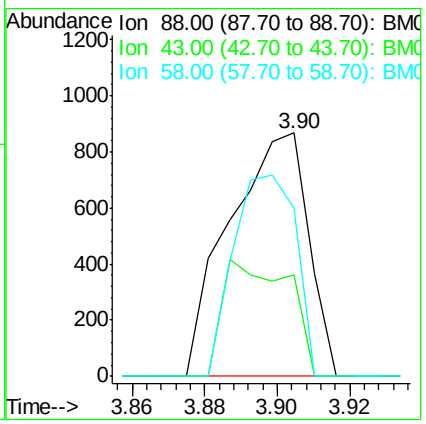




#2
1,4-Dioxane
Concen: 0.49 ng/uL
RT: 3.90 min Scan# 139
Delta R.T. 0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

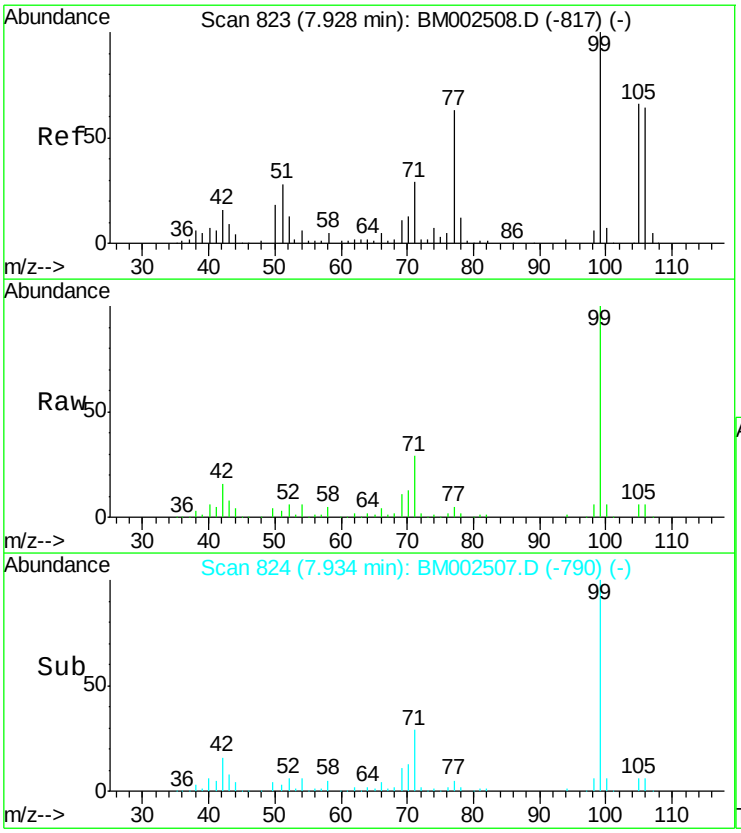
Tgt Ion: 88 Resp: 1311

Ion	Ratio	Lower	Upper
88	100		
43	9.7	2.3	3.5#
58	65.4	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

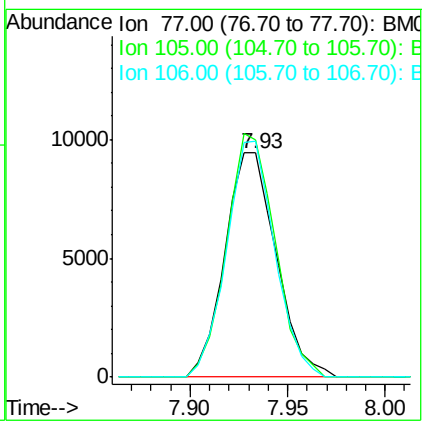
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

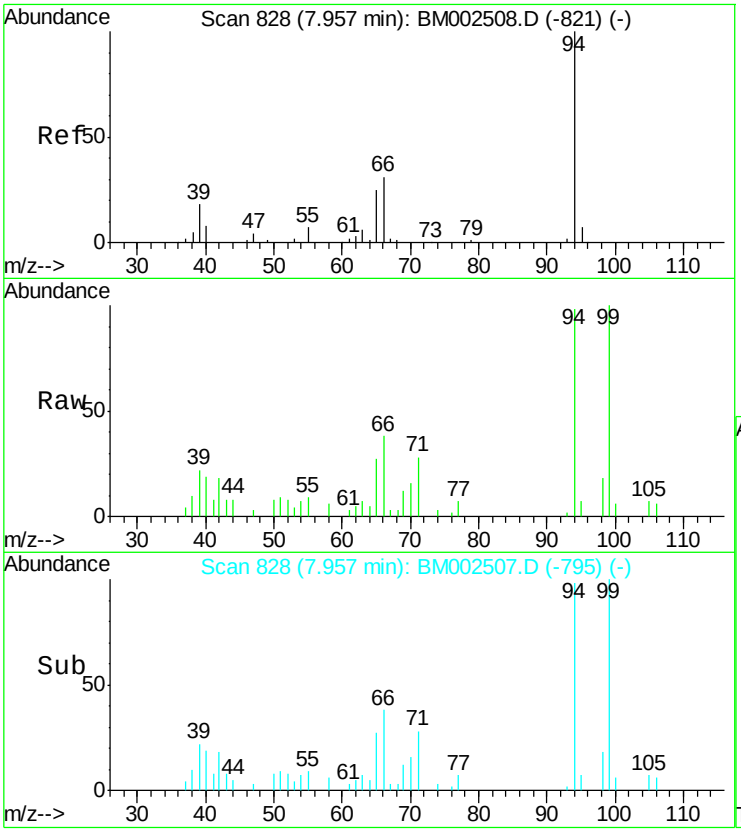


#4
Benzaldehyde
Concen: 2.95 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion: 77 Resp: 17239

Ion	Ratio	Lower	Upper
77	100		
105	106.0	80.0	120.0
106	105.4	76.7	115.1

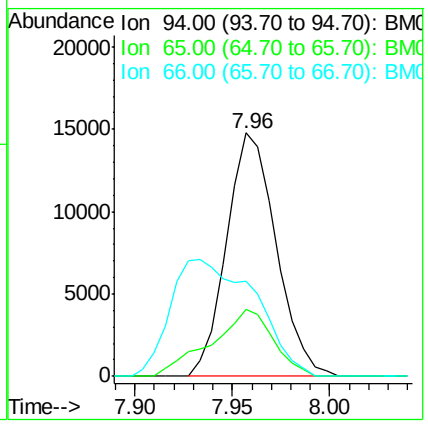




#6
Phenol
Concen: 2.56 ng/ul
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

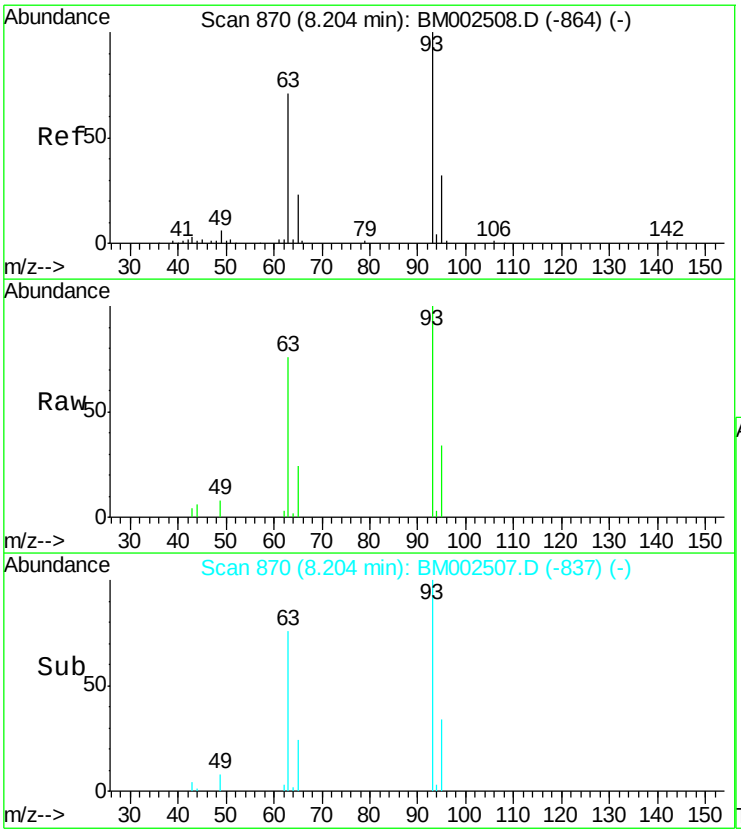
Tgt Ion: 94 Resp: 26030

Ion	Ratio	Lower	Upper
94	100		
65	27.5	23.7	35.5
66	38.8	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

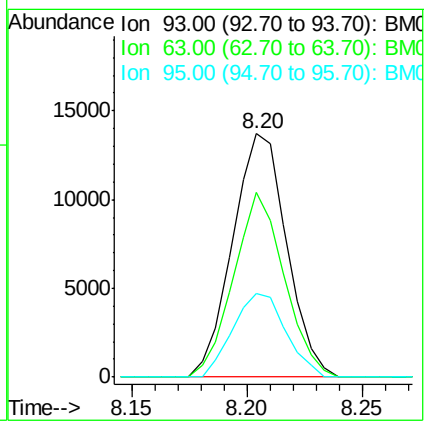
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

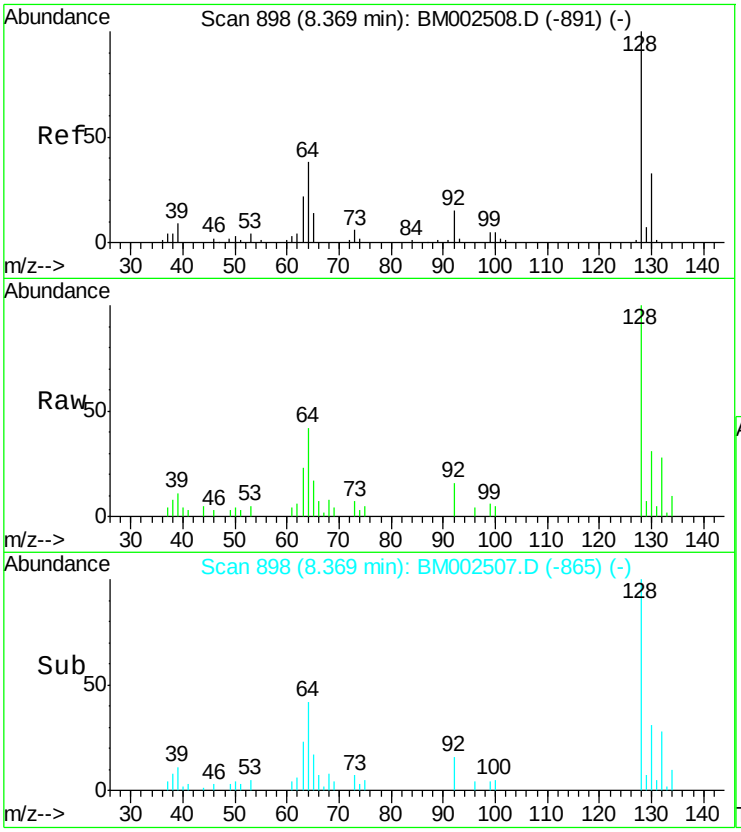


#8
Bis(2-Chloroethyl)ether
Concen: 2.86 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion: 93 Resp: 22360

Ion	Ratio	Lower	Upper
93	100		
63	75.8	64.6	97.0
95	34.2	26.6	40.0

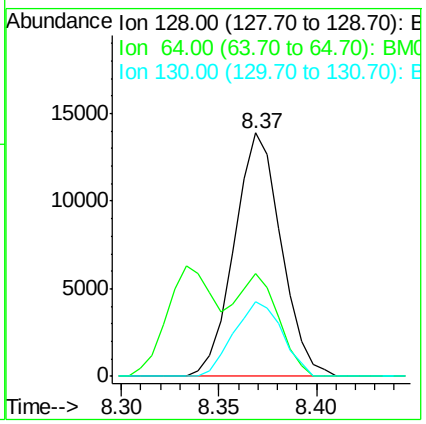




#10
2-Chlorophenol
Concen: 2.77 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

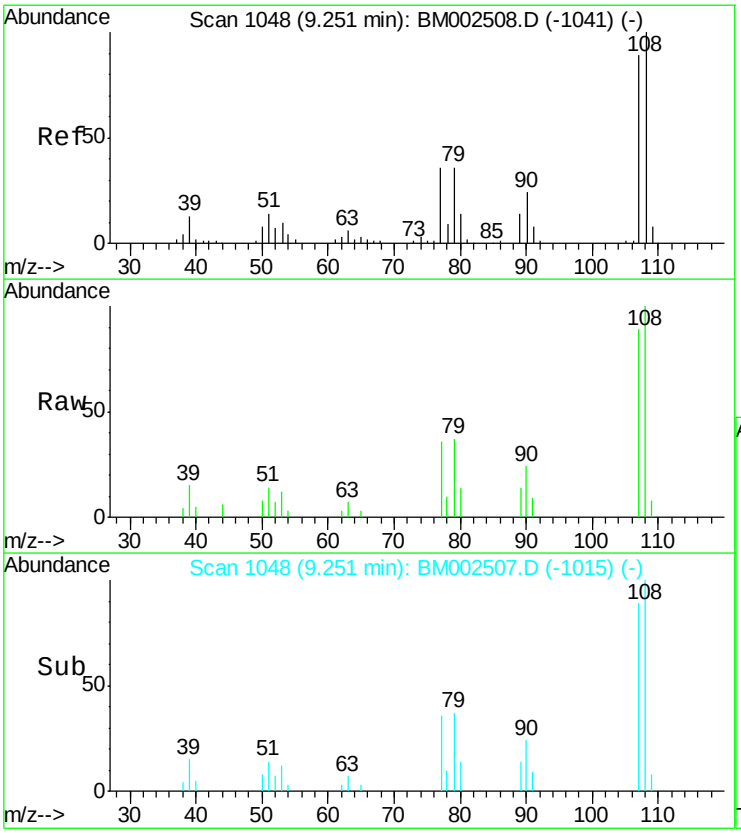
Tgt Ion:128 Resp: 23166

Ion	Ratio	Lower	Upper
128	100		
64	42.3	38.7	58.1
130	30.5	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

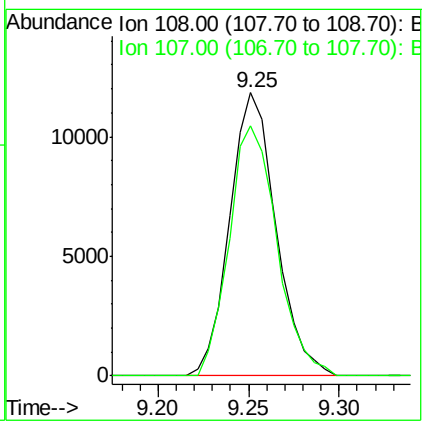
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

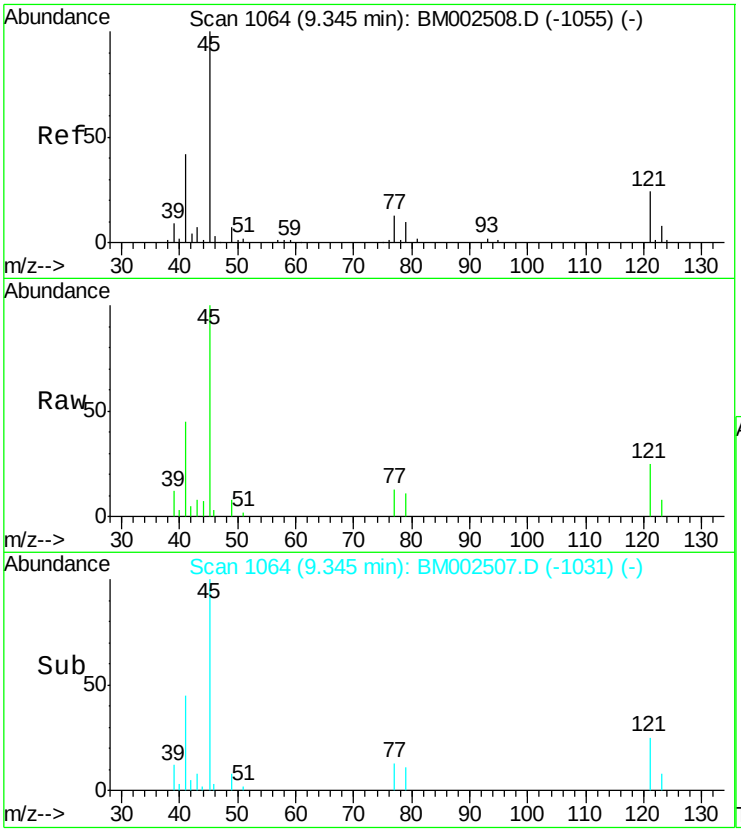


#11
2-Methylphenol
Concen: 2.62 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:108 Resp: 21068

Ion	Ratio	Lower	Upper
108	100		
107	88.5	72.0	108.0





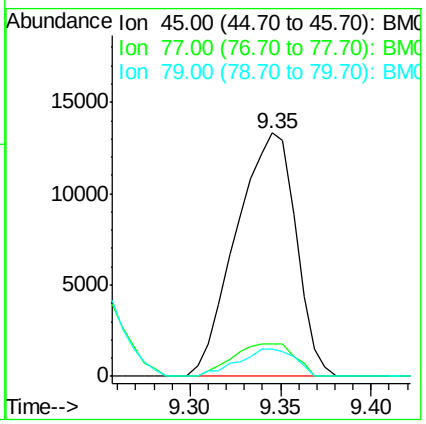
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.18 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

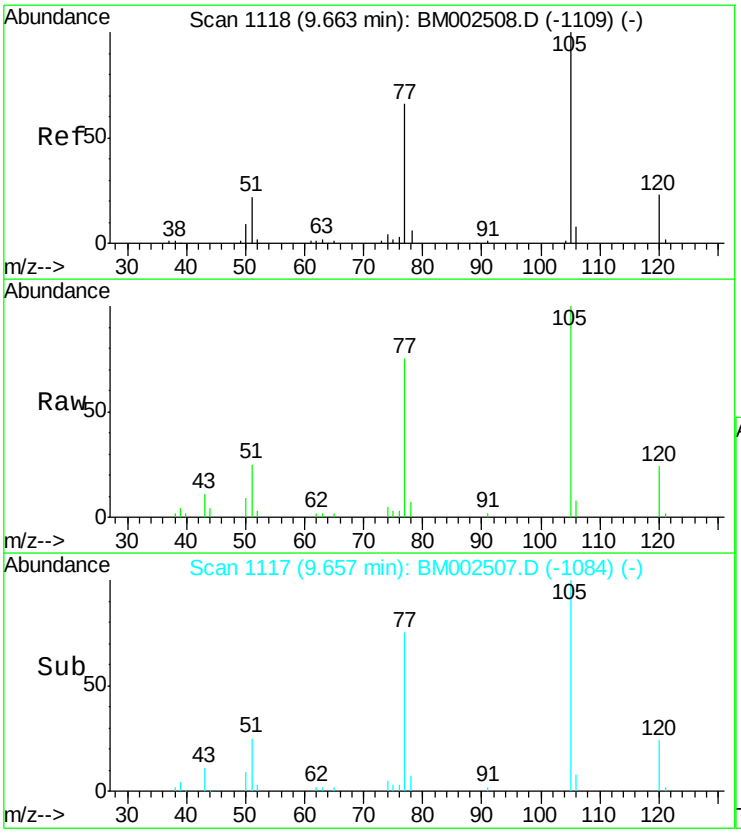
Tgt Ion: 45 Resp: 30433

Ion	Ratio	Lower	Upper
45	100		
77	13.2	9.4	14.2
79	11.2	7.5	11.3

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

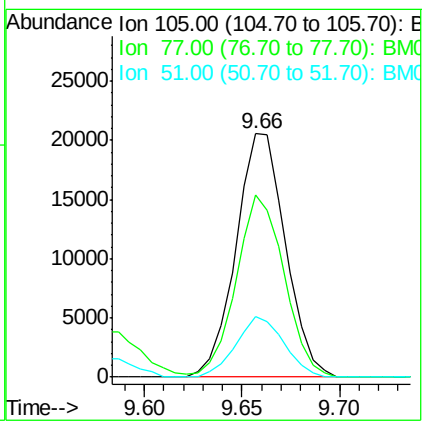


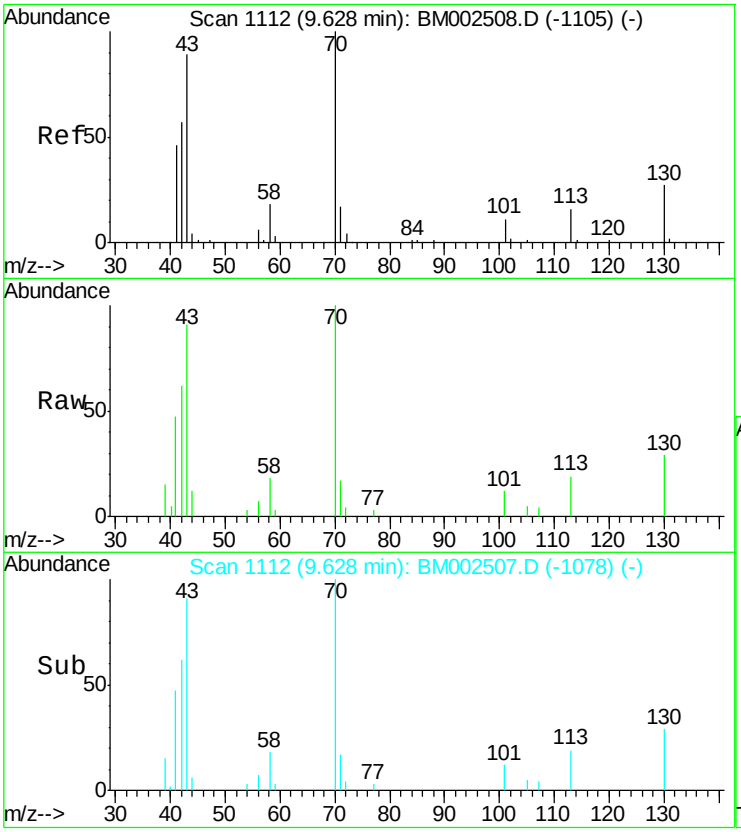


#14
Acetophenone
Concen: 2.86 ng/ul
RT: 9.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:105 Resp: 36132

Ion	Ratio	Lower	Upper
105	100		
77	74.6	59.4	89.0
51	24.6	23.4	35.0

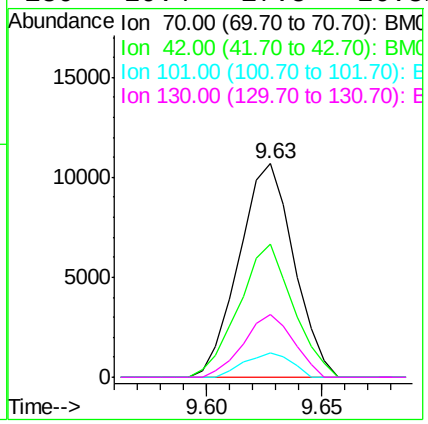




#15
N-Nitroso-di-n-propylamine
Concen: 2.61 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

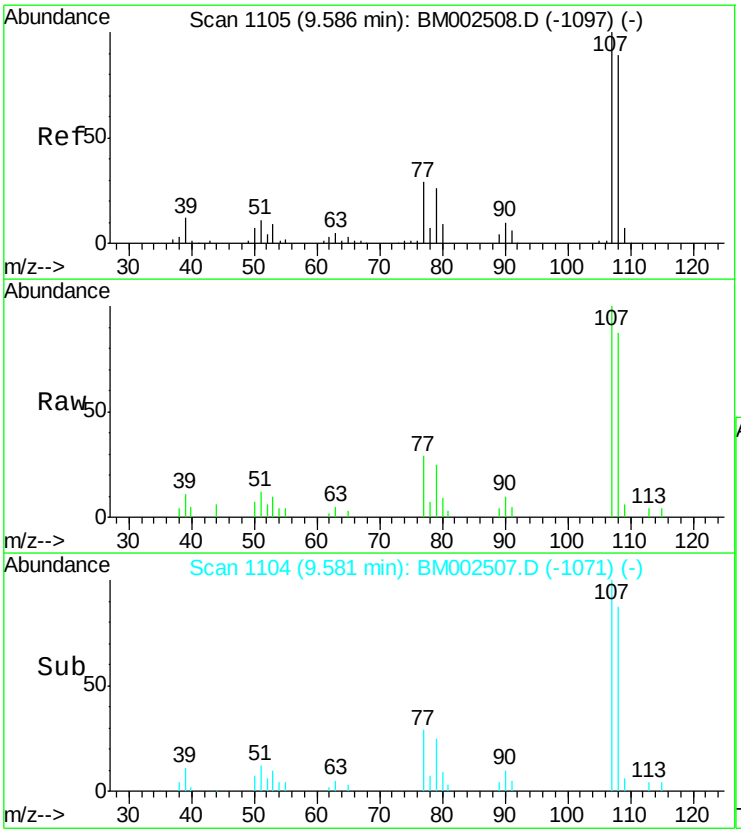
Tgt Ion: 70 Resp: 17701

Ion	Ratio	Lower	Upper
70	100		
42	62.2	53.4	80.0
101	11.6	7.7	11.5#
130	29.4	17.5	26.3#



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

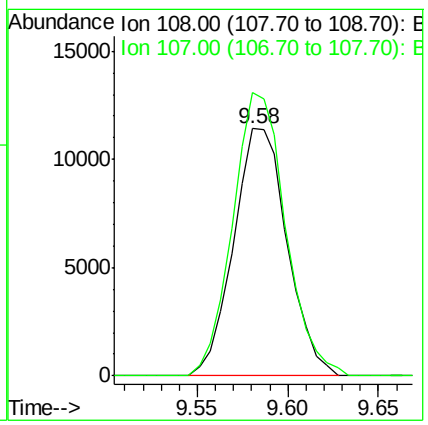
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

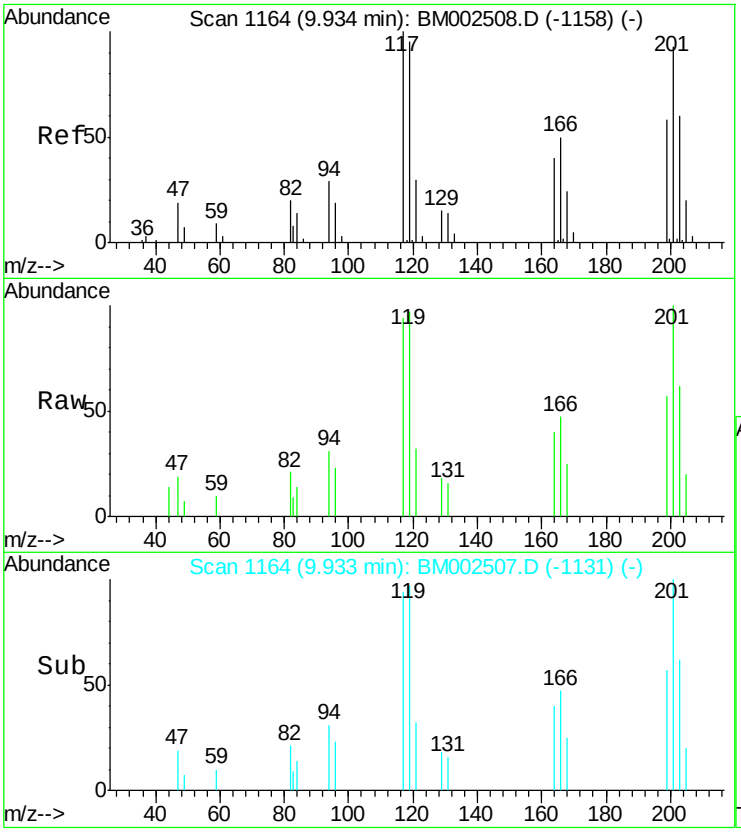


#16
4-Methylphenol
Concen: 2.67 ng/ul
RT: 9.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:108 Resp: 23481

Ion	Ratio	Lower	Upper
108	100		
107	114.5	90.9	136.3

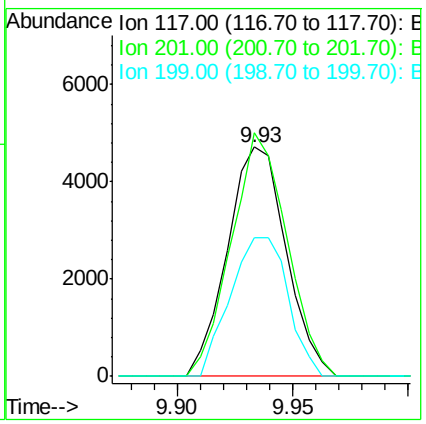




#17
Hexachloroethane
Concen: 2.54 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

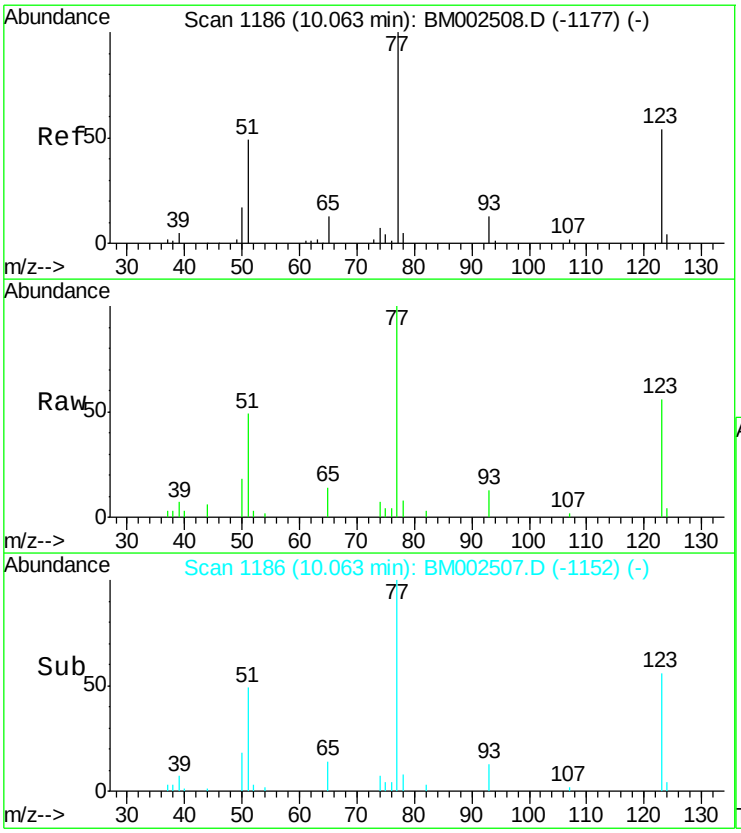
Tgt Ion:117 Resp: 8370

Ion	Ratio	Lower	Upper
117	100		
201	106.2	71.5	107.3
199	60.3	44.9	67.3



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

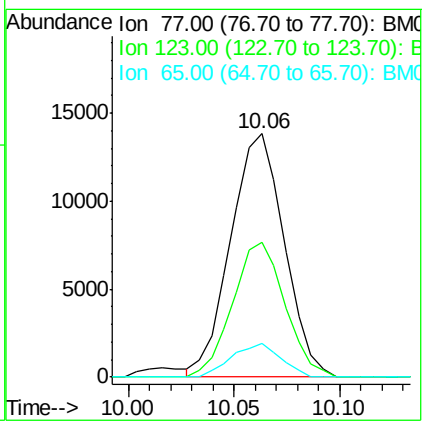
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

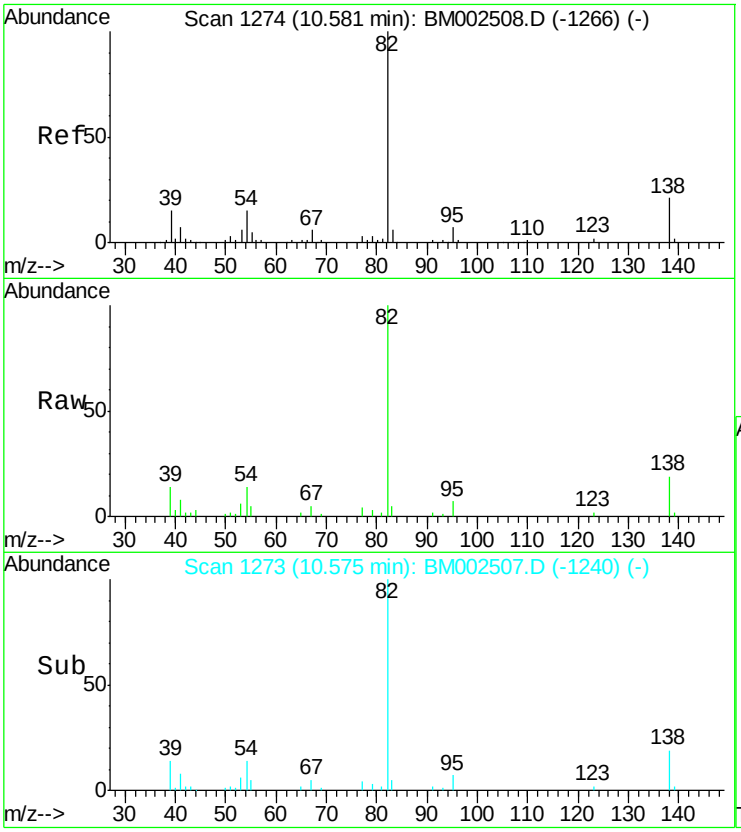


#20
Nitrobenzene
Concen: 2.62 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion: 77 Resp: 24382

Ion	Ratio	Lower	Upper
77	100		
123	55.5	37.0	55.6
65	14.0	11.0	16.6

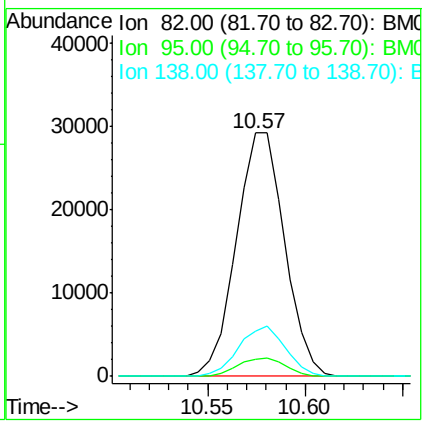




#21
Isophorone
Concen: 2.71 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

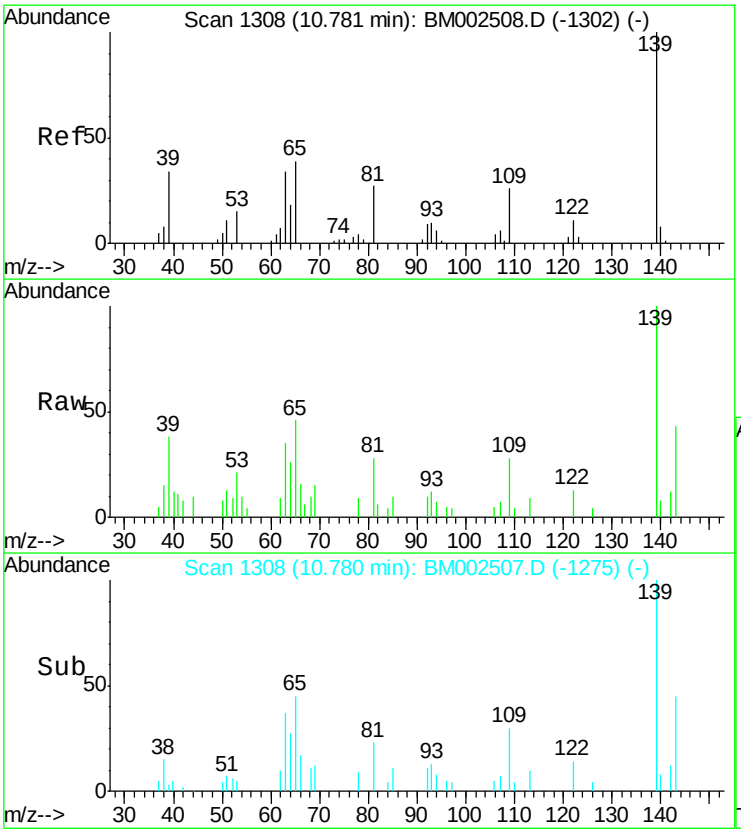
Tgt Ion: 82 Resp: 50289

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.9	8.9
138	18.6	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

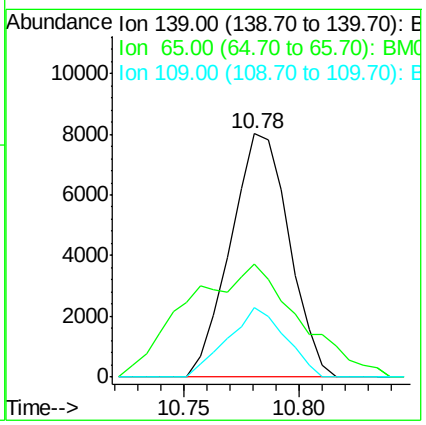
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

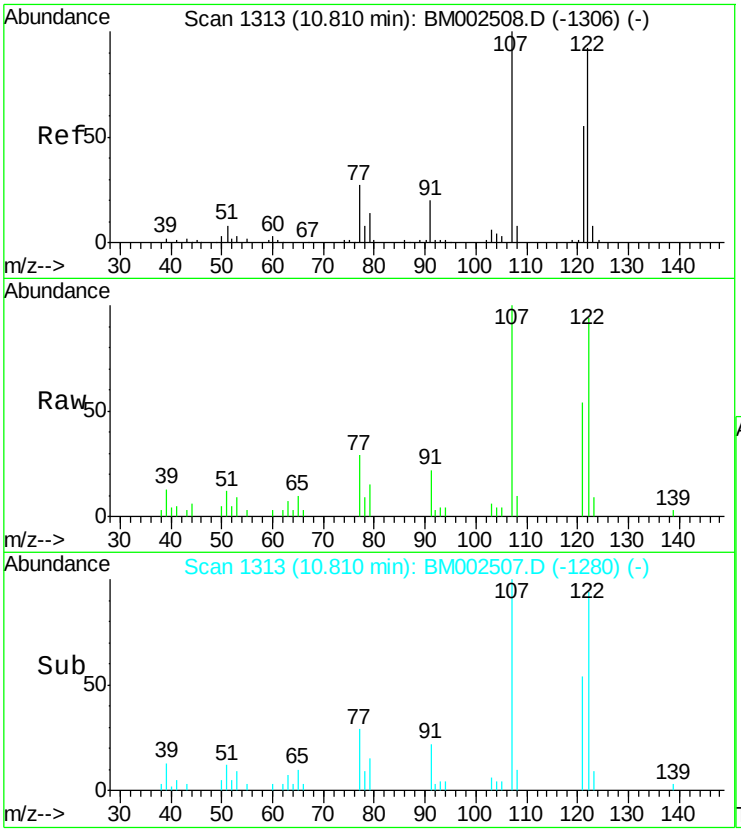


#23
2-Nitrophenol
Concen: 3.51 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:139 Resp: 14195

Ion	Ratio	Lower	Upper
139	100		
65	46.2	43.0	64.6
109	28.5	23.8	35.8

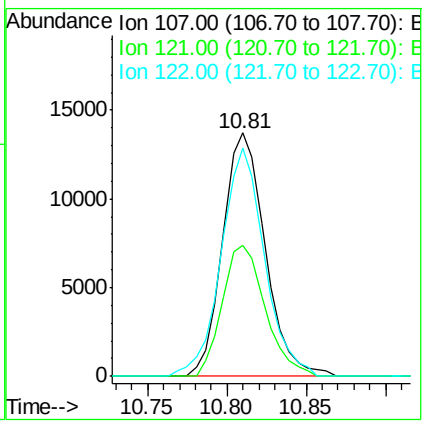




#24
2,4-Dimethylphenol
Concen: 2.58 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

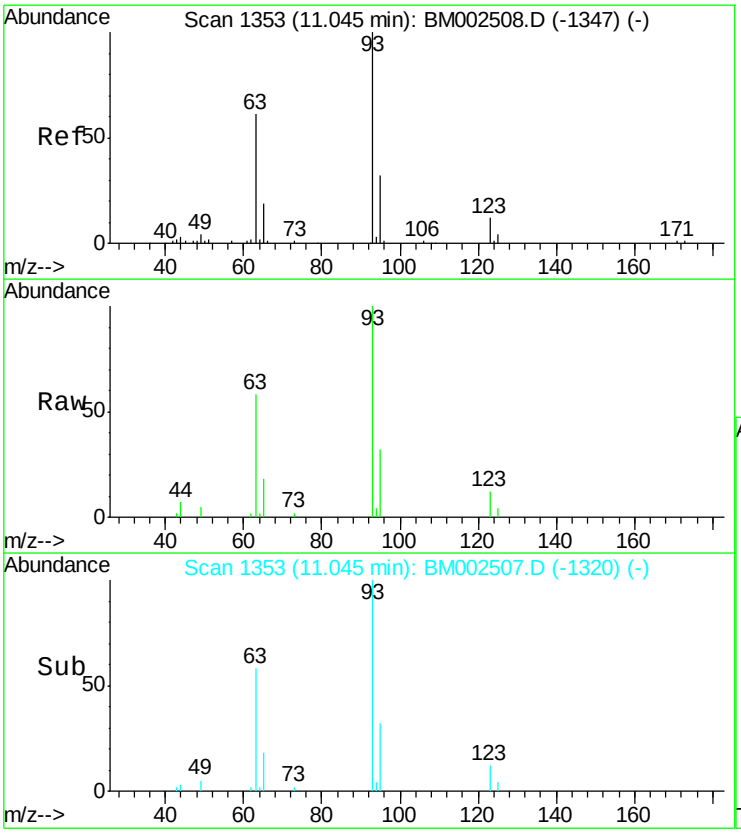
Tgt Ion:107 Resp: 25581

Ion	Ratio	Lower	Upper
107	100		
121	54.0	41.8	62.6
122	94.0	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

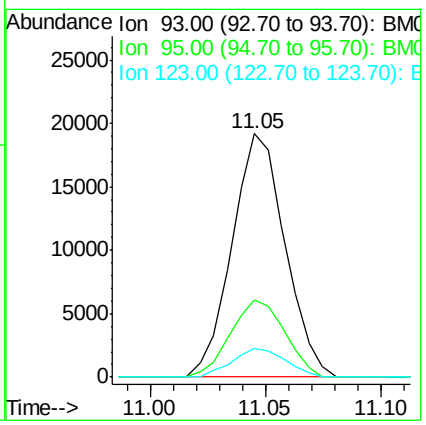
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

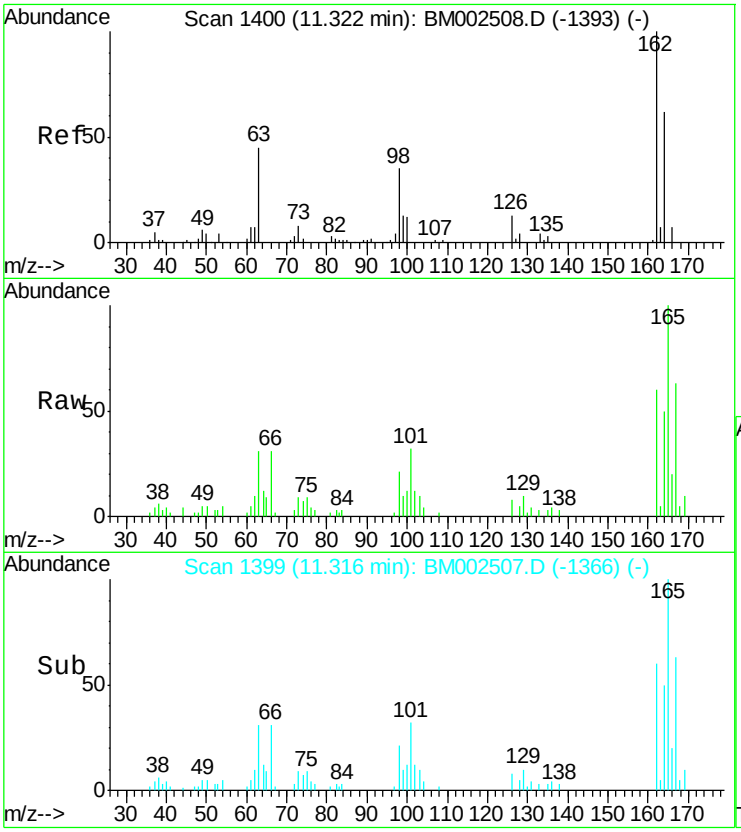


#25
Bis(2-Chloroethoxy)methane
Concen: 2.66 ng/ul
RT: 11.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion: 93 Resp: 30636

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.6	9.3	13.9

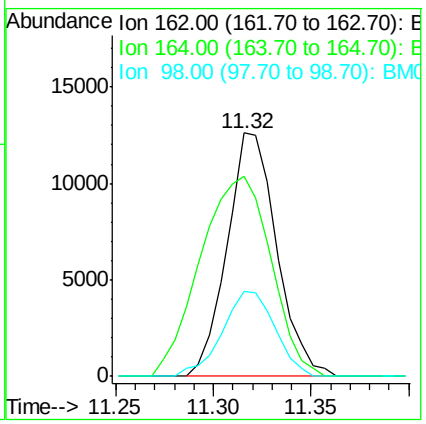




#27
2,4-Dichlorophenol
Concen: 2.97 ng/ul
RT: 11.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

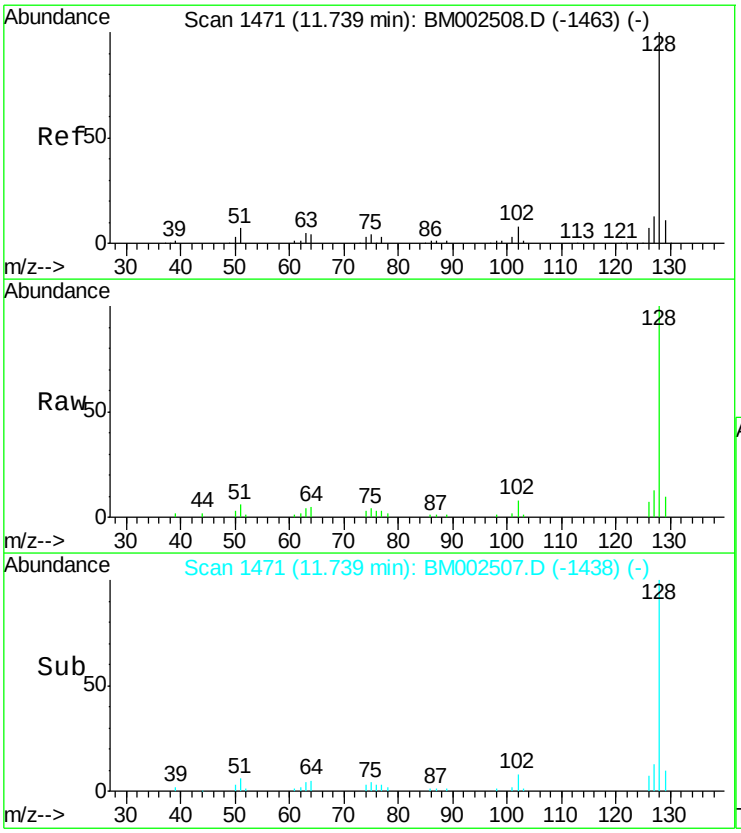
Tgt Ion:162 Resp: 22230

Ion	Ratio	Lower	Upper
162	100		
164	82.3	52.9	79.3#
98	34.7	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

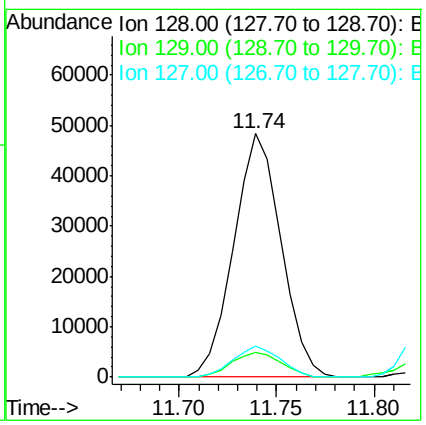
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

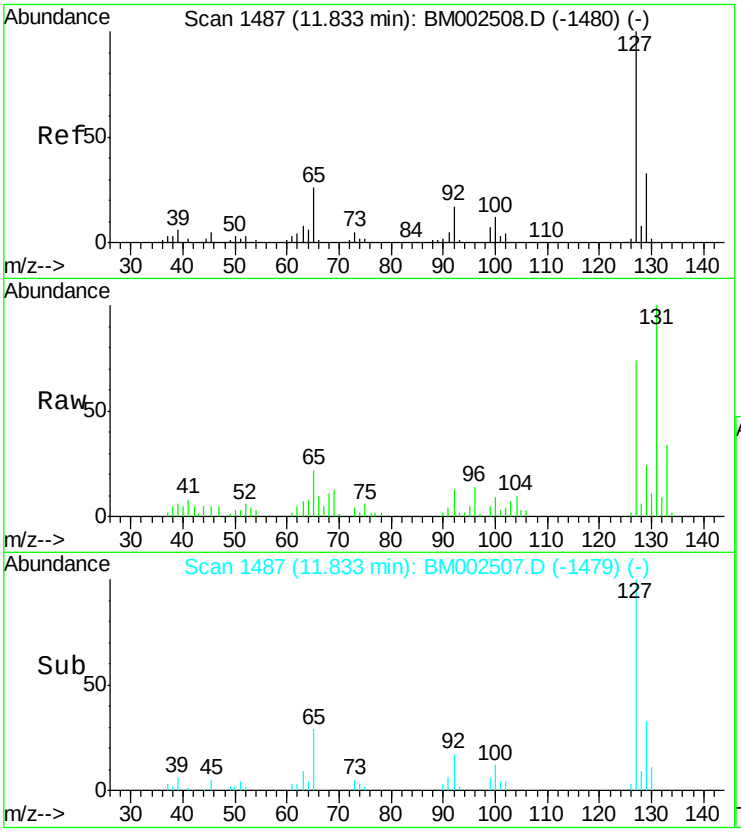


#28
Naphthalene
Concen: 2.88 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:128 Resp: 81291

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	12.7	10.4	15.6





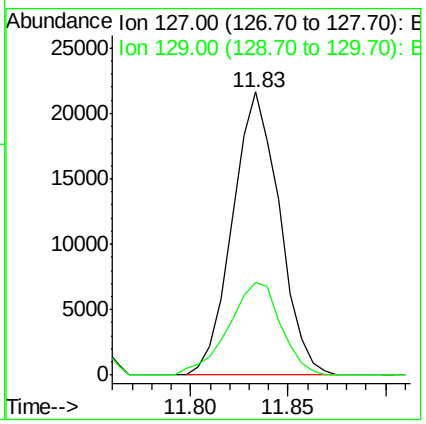
#30
4-Chloroaniline
Concen: 3.51 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

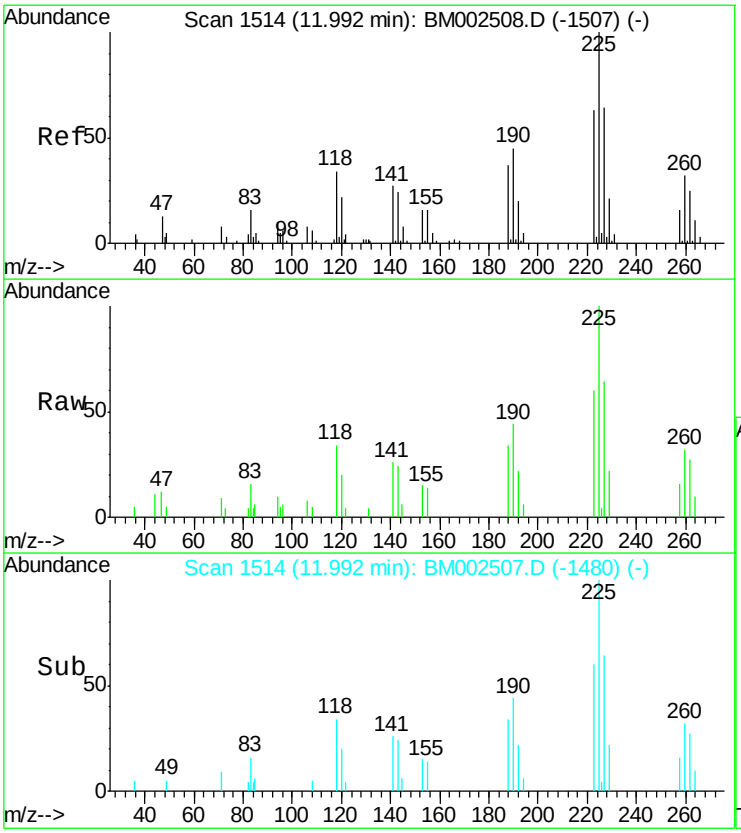
Tgt Ion:127 Resp: 36039

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

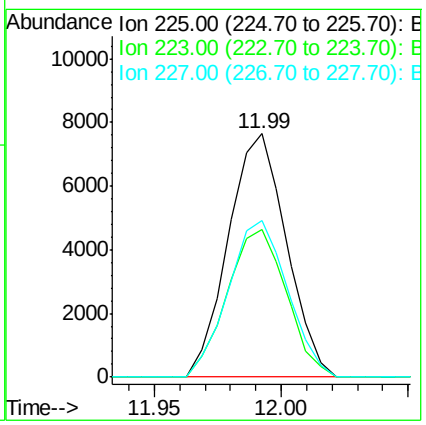


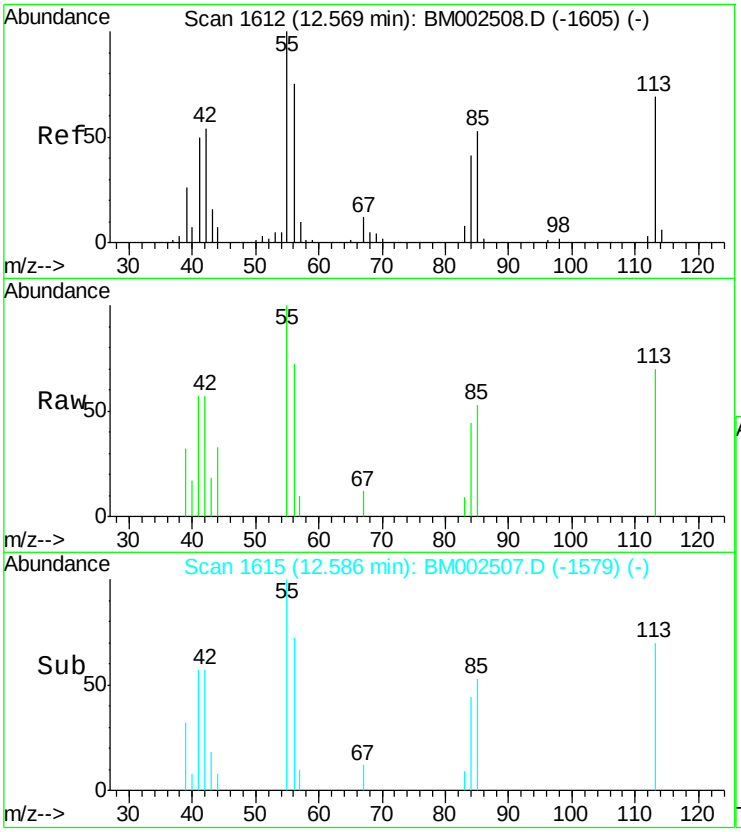


#31
Hexachlorobutadiene
Concen: 2.82 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:225 Resp: 12182

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.4
227	64.2	52.1	78.1

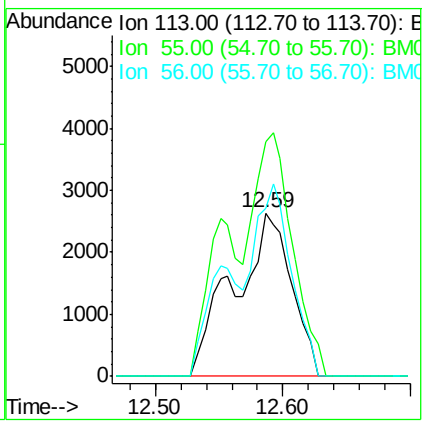




#32
Caprolactam
Concen: 2.69 ng/ul m
RT: 12.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

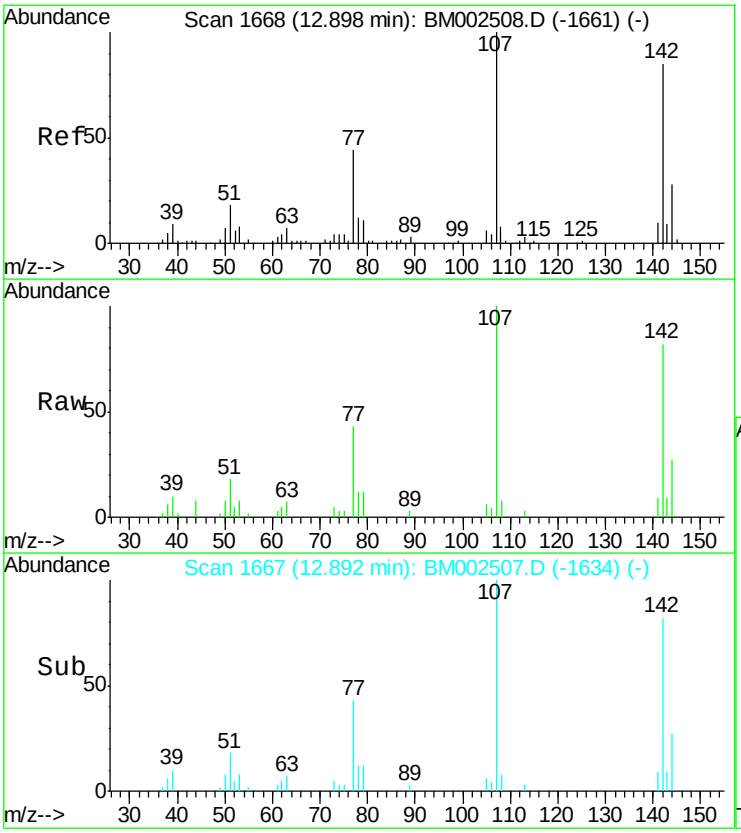
Tgt Ion:113 Resp: 8306

Ion	Ratio	Lower	Upper
113	100		
55	143.3	152.5	228.7#
56	102.9	111.4	167.0#



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

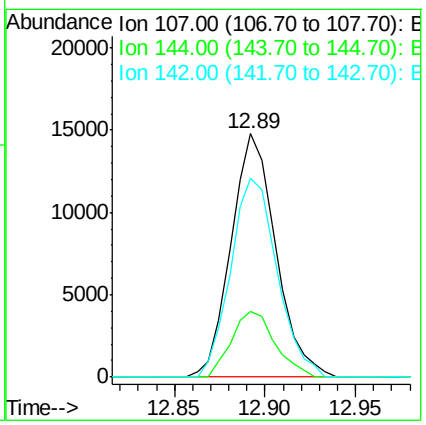
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

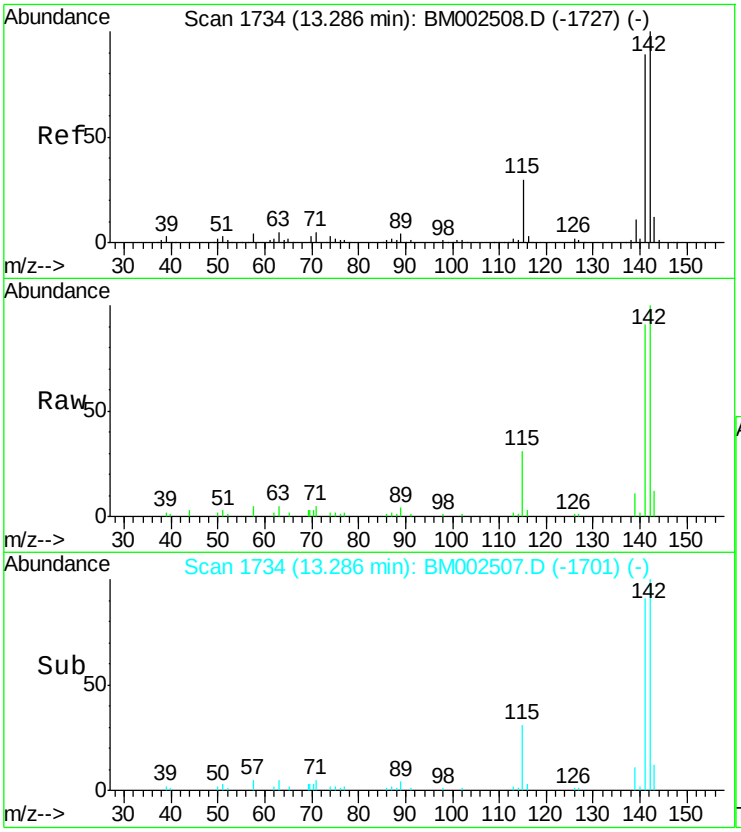


#33
4-Chloro-3-methylphenol
Concen: 2.71 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:107 Resp: 25390

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.3	30.5
142	81.6	63.1	94.7





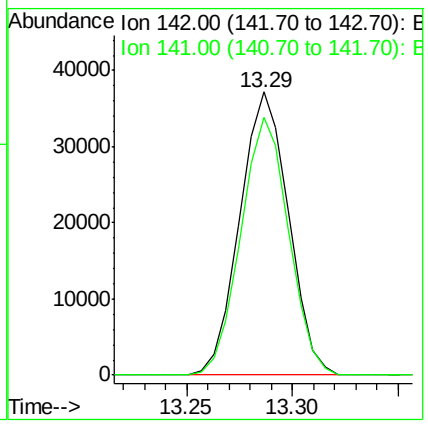
#34
2-Methylnaphthalene
Concen: 2.95 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

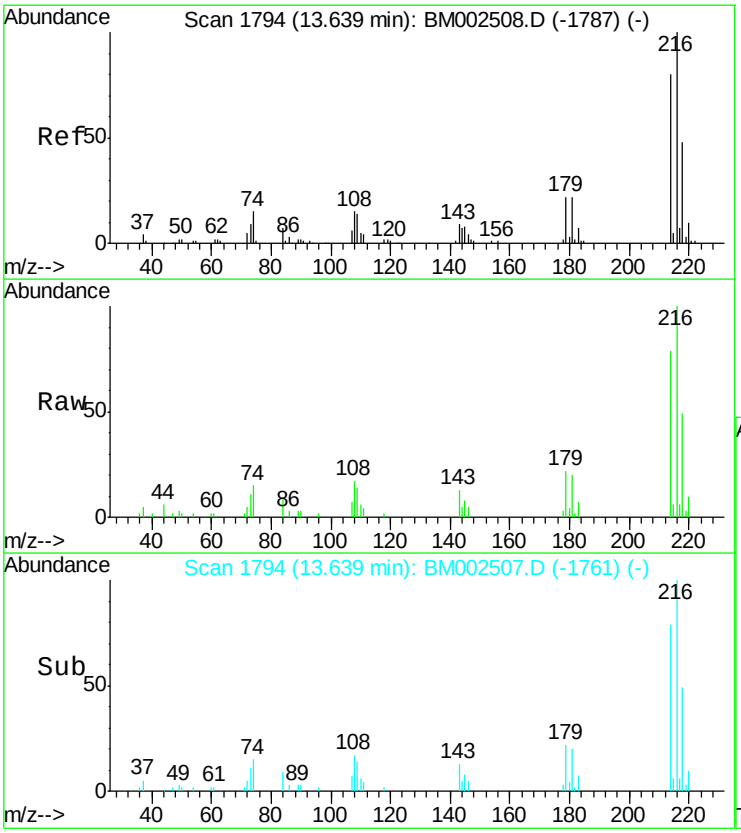
Tgt Ion:142 Resp: 59486

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

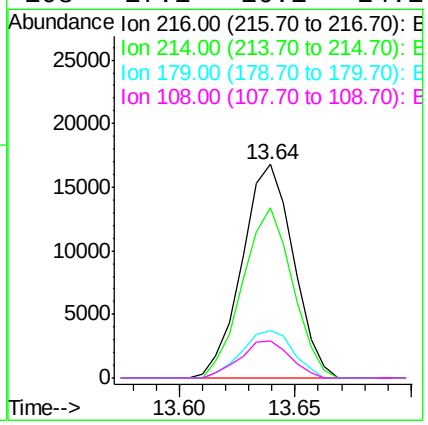


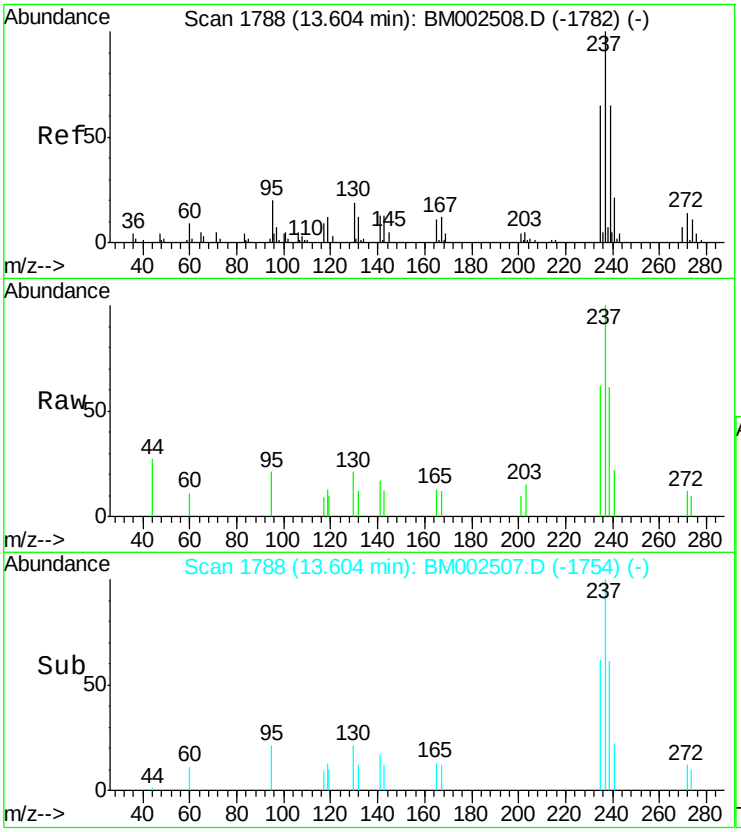


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.94 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:216 Resp: 26002

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.1	94.7
179	21.9	18.9	28.3
108	17.1	16.1	24.1

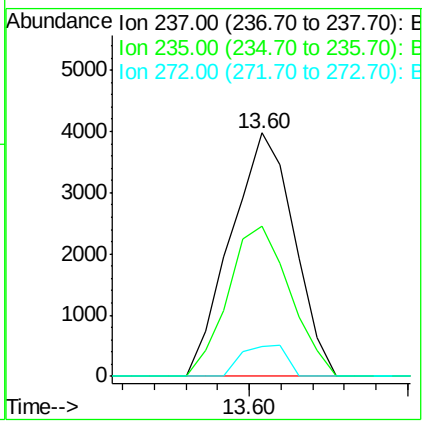




#38
Hexachlorocyclopentadiene
Concen: 1.05 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

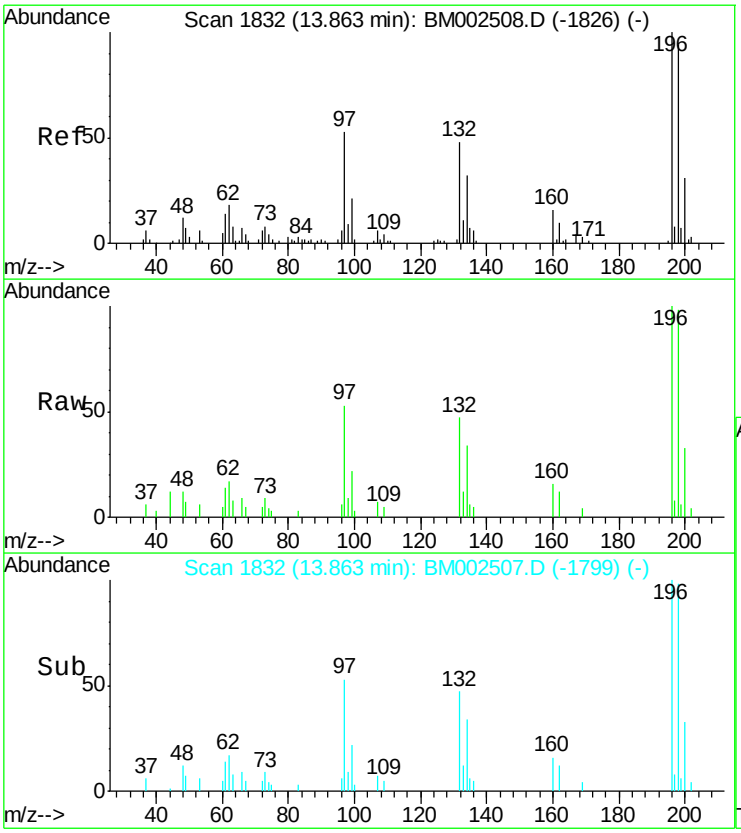
Tgt Ion:237 Resp: 5500

Ion	Ratio	Lower	Upper
237	100		
235	61.9	51.0	76.6
272	12.2	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

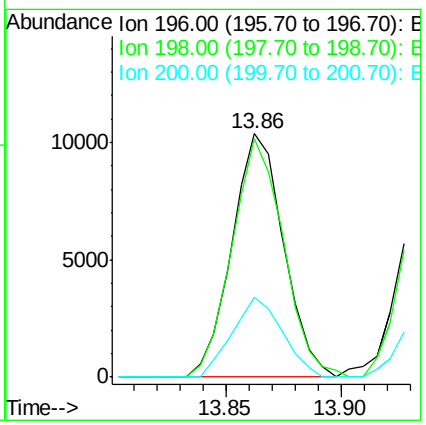
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

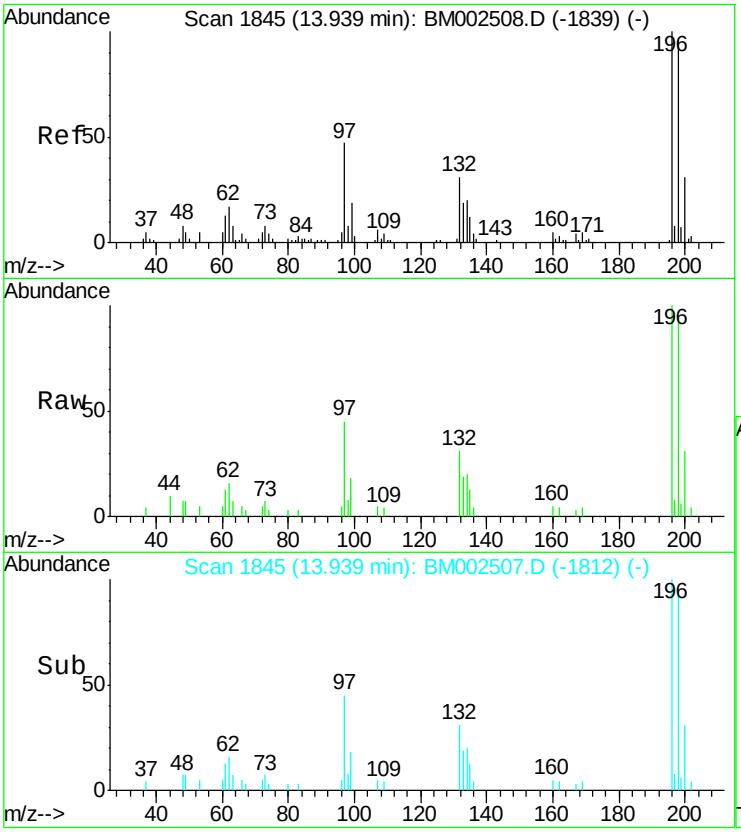


#39
2,4,6-Trichlorophenol
Concen: 2.94 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:196 Resp: 16209

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.1	115.7
200	32.7	24.8	37.2

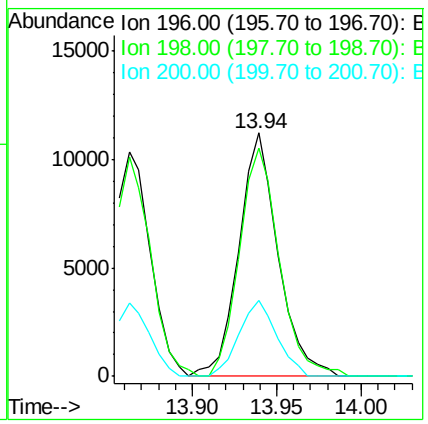




#40
2,4,5-Trichlorophenol
Concen: 2.94 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

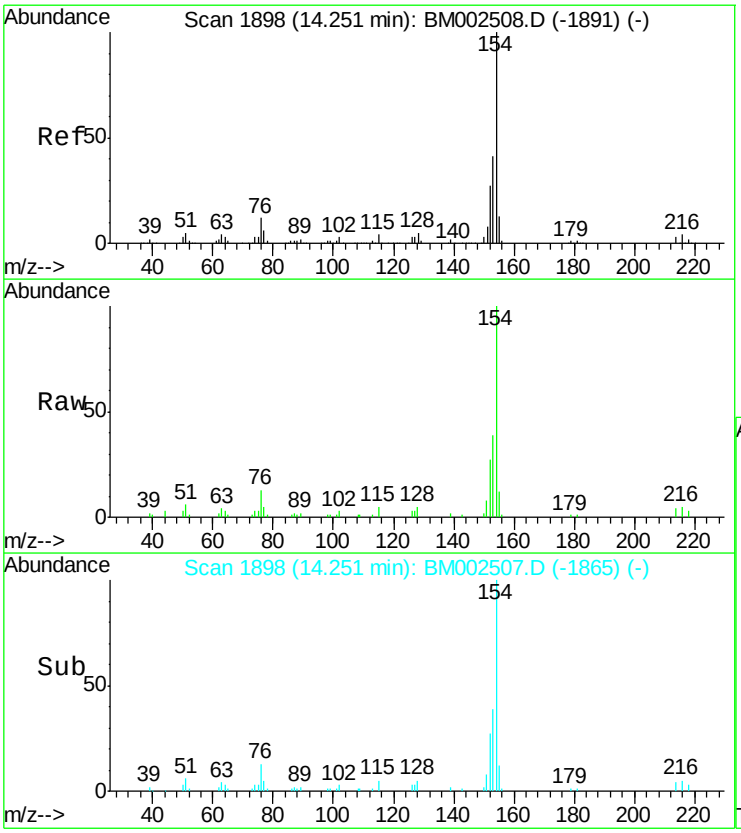
Tgt Ion:196 Resp: 18218

Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.6	117.8
200	31.0	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

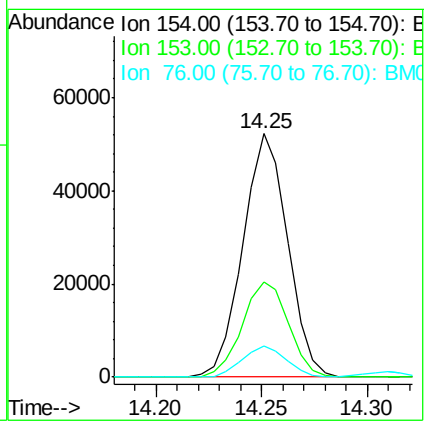
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

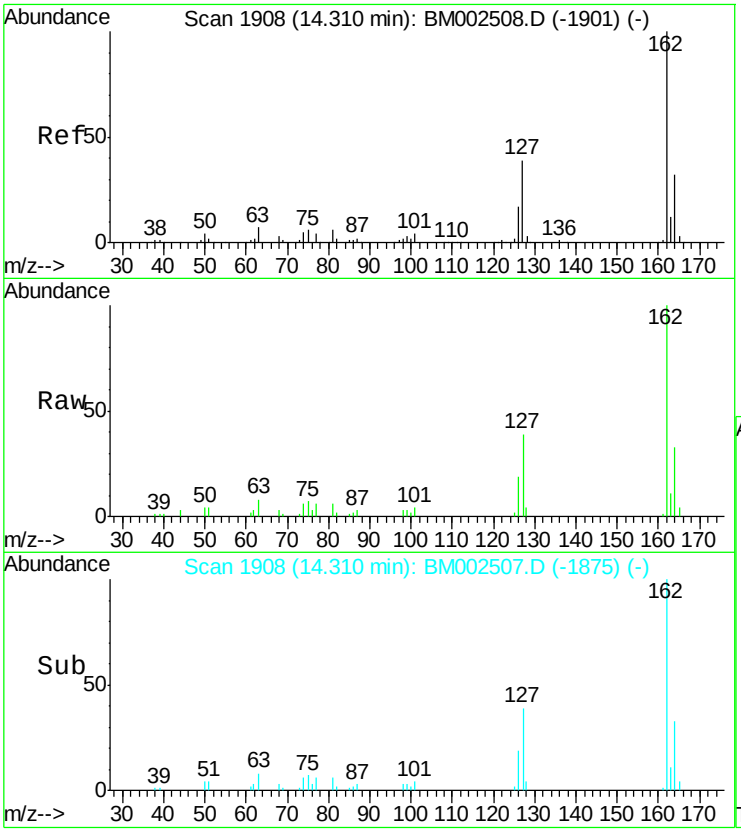


#41
1,1'-Biphenyl
Concen: 2.94 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:154 Resp: 76781

Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.1	48.1
76	12.6	11.0	16.4

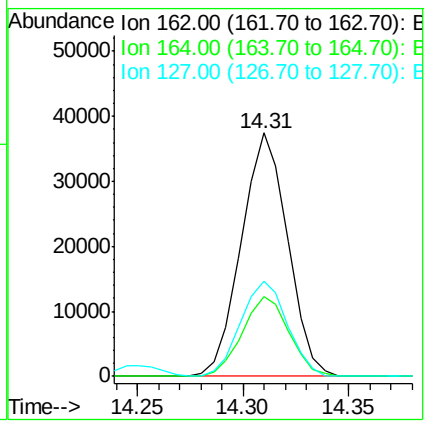




#42
2-Chloronaphthalene
Concen: 2.88 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

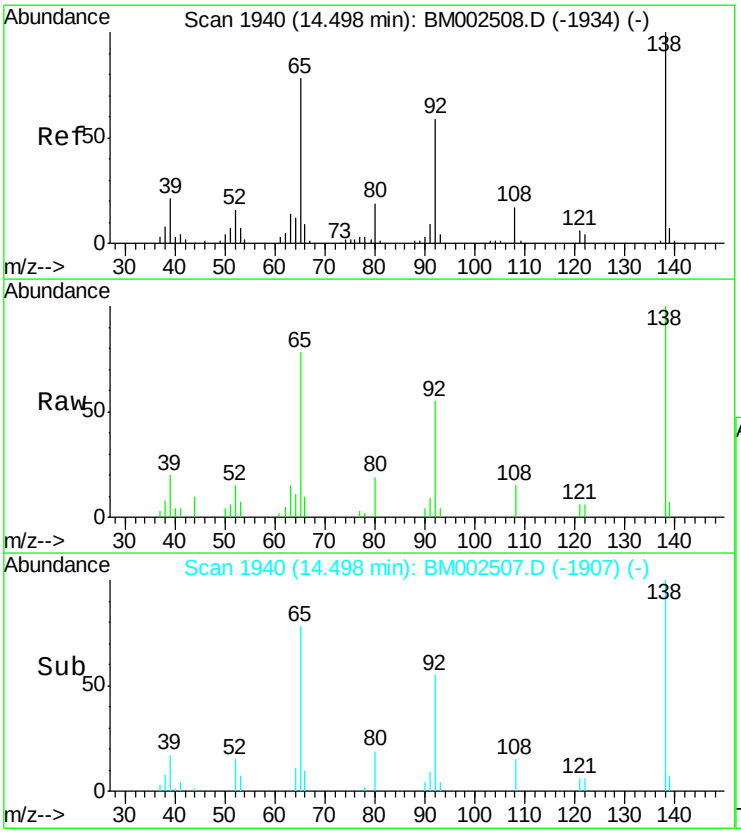
Tgt Ion:162 Resp: 56995

Ion	Ratio	Lower	Upper
162	100		
164	33.0	26.7	40.1
127	39.2	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

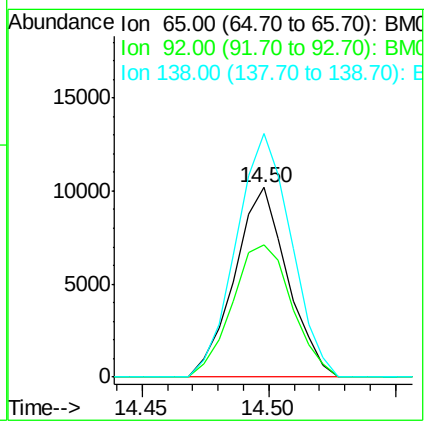
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

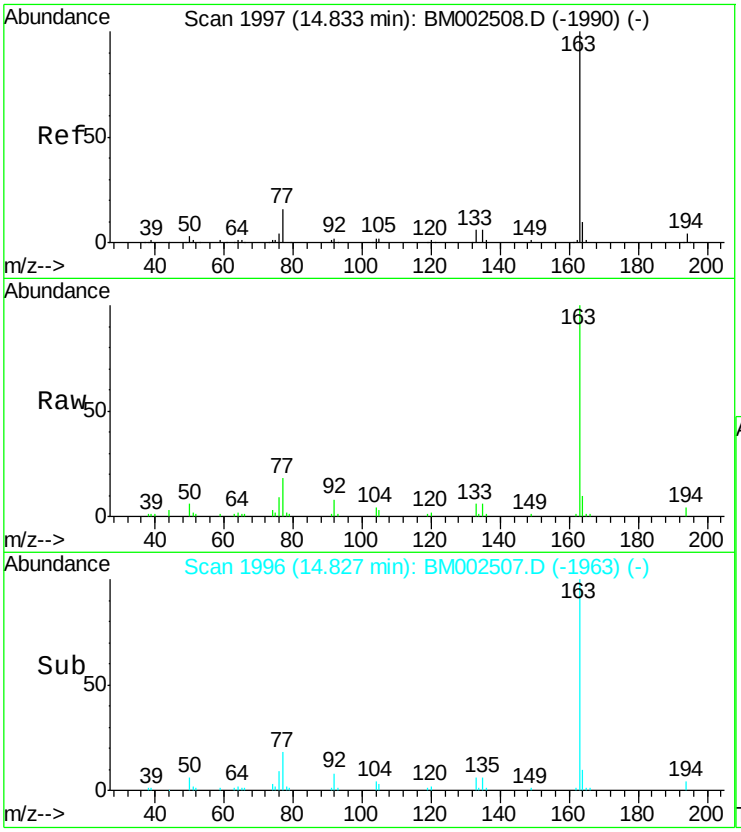


#43
2-Nitroaniline
Concen: 2.46 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion: 65 Resp: 14797

Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.0	81.0
138	128.5	83.1	124.7#

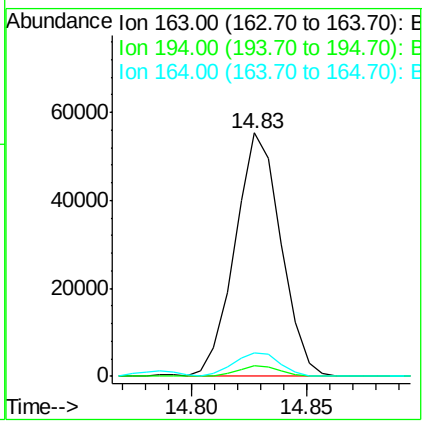




#45
Dimethylphthalate
Concen: 2.97 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

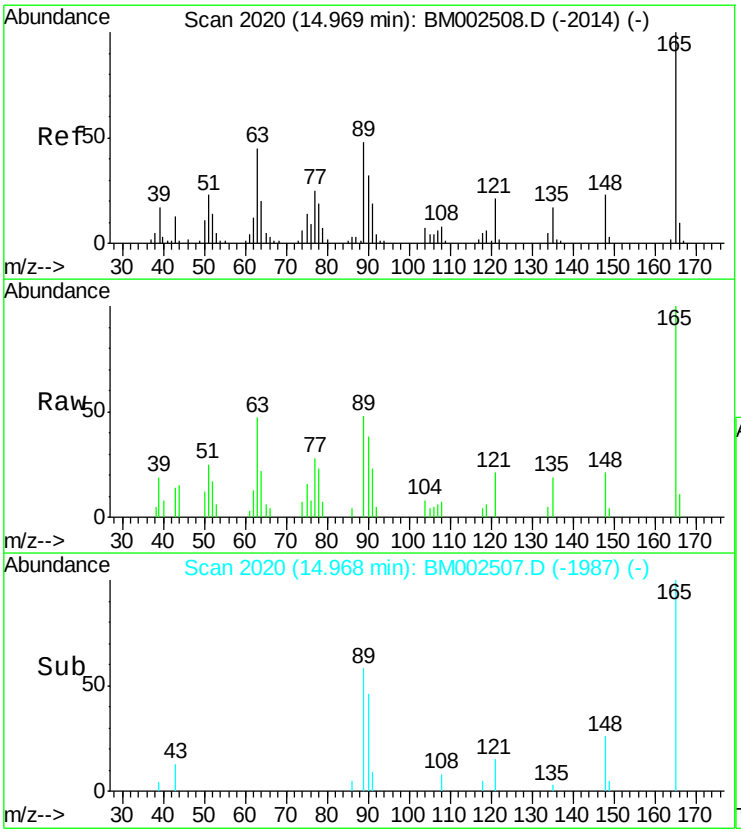
Tgt Ion:163 Resp: 76899

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.6	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

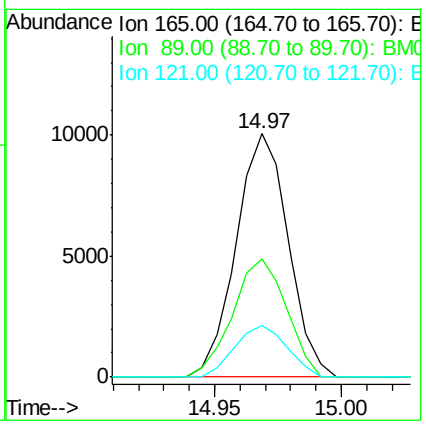
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

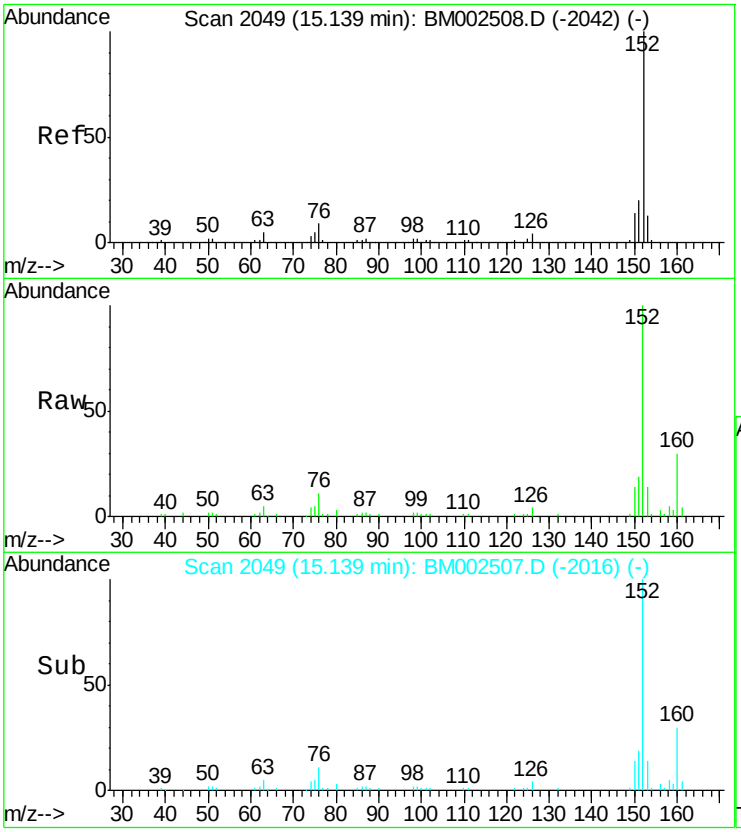


#46
2,6-Dinitrotoluene
Concen: 2.97 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:165 Resp: 14426

Ion	Ratio	Lower	Upper
165	100		
89	48.3	46.6	69.8
121	21.5	19.0	28.4

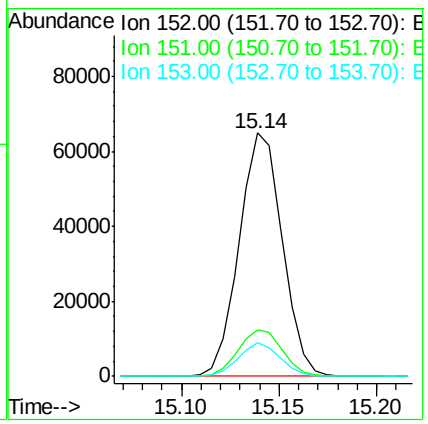




#48
Acenaphthylene
Concen: 2.99 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

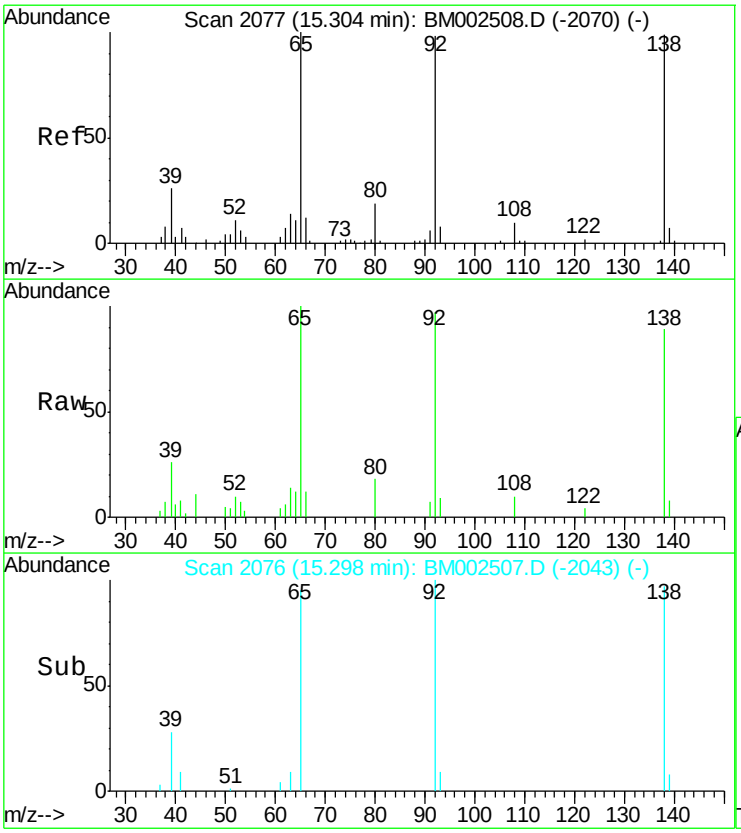
Tgt Ion:152 Resp: 99339

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	13.7	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

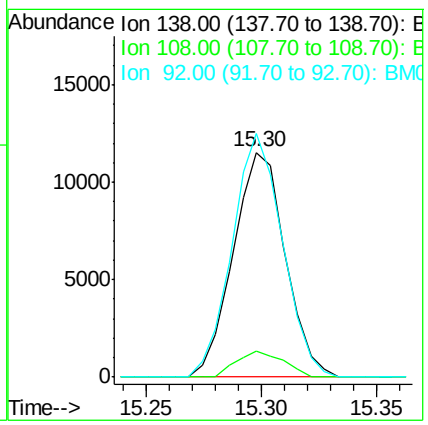
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

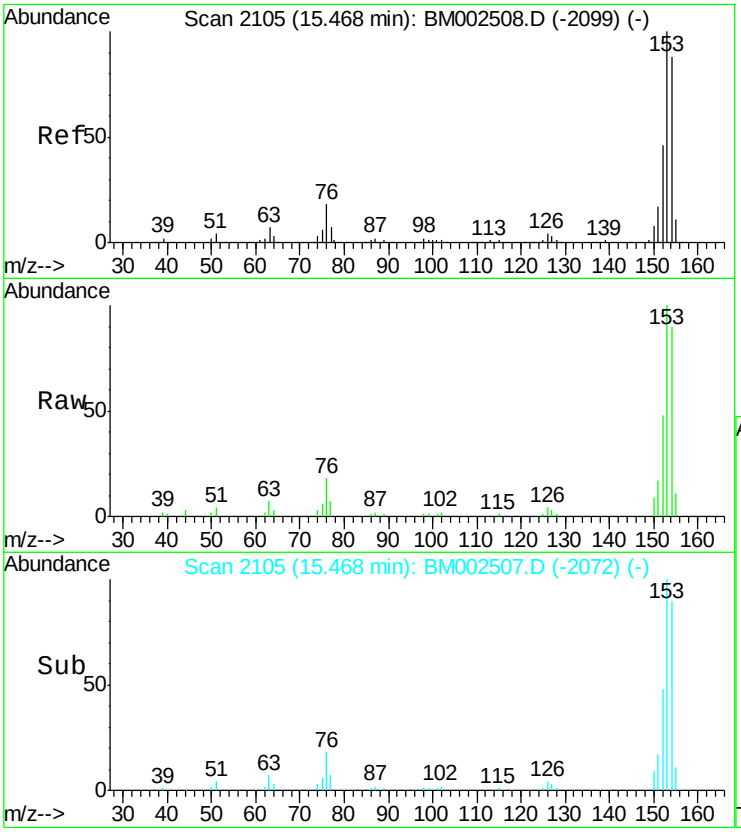


#49
3-Nitroaniline
Concen: 3.45 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:138 Resp: 18095

Ion	Ratio	Lower	Upper
138	100		
108	11.5	11.7	17.5#
92	108.3	94.3	141.5

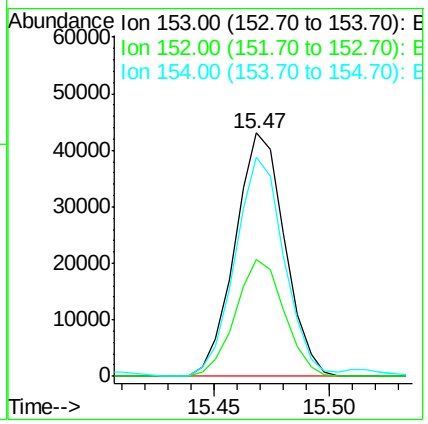




#50
Acenaphthene
Concen: 2.89 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

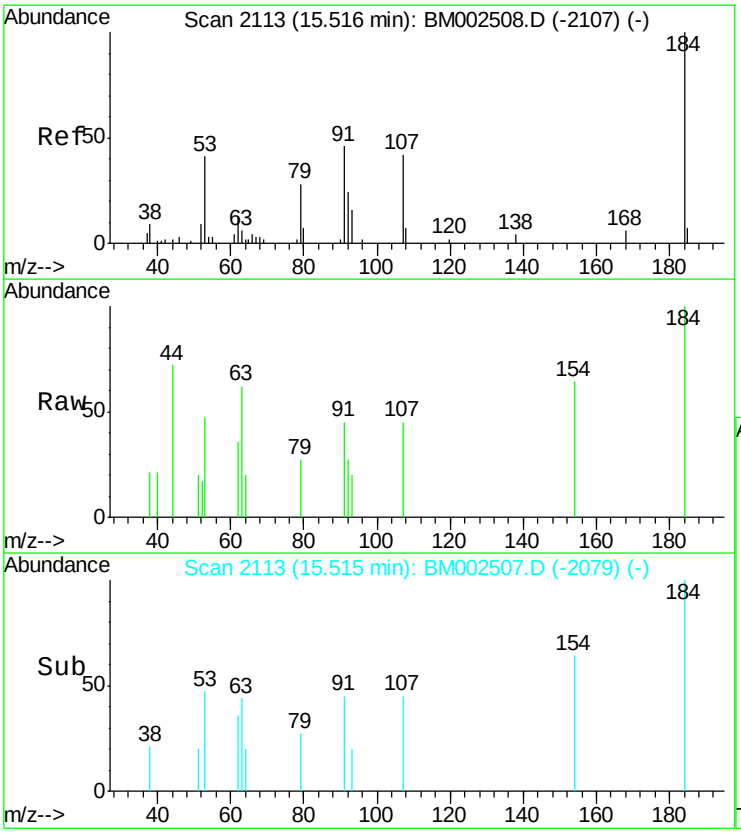
Tgt Ion:153 Resp: 64512

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.6	55.0
154	89.8	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

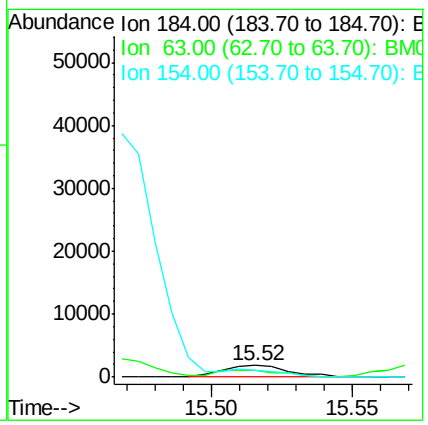
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

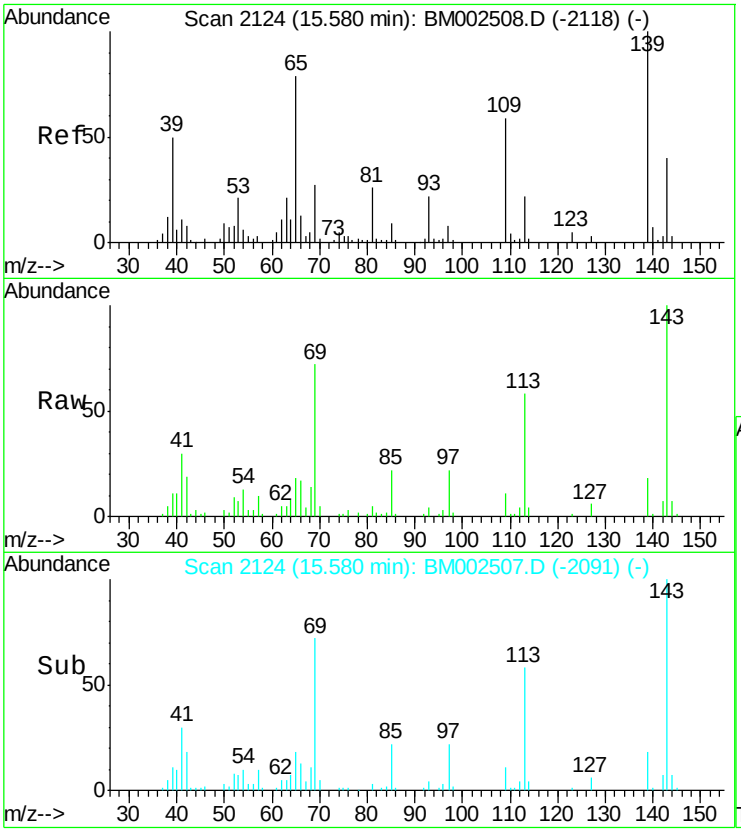


#51
2,4-Dinitrophenol
Concen: 1.80 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:184 Resp: 3008

Ion	Ratio	Lower	Upper
184	100		
63	62.5	94.8	142.2#
154	63.8	525.6	788.4#

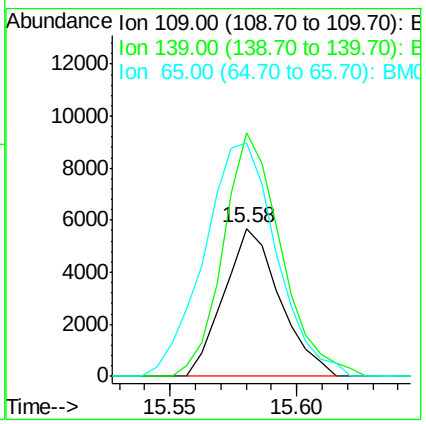




#53
4-Nitrophenol
Concen: 2.62 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

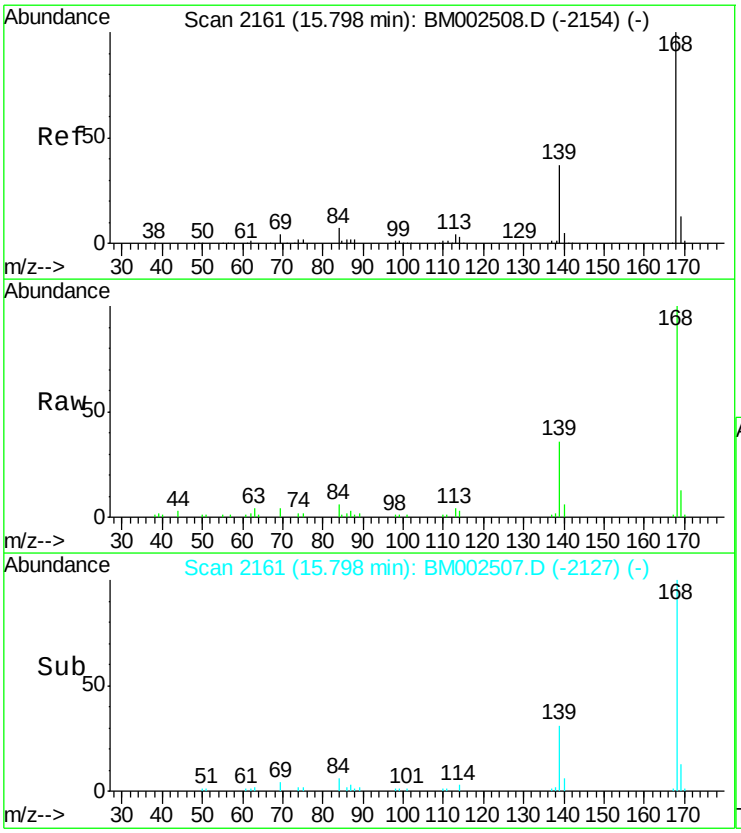
Tgt Ion:109 Resp: 8807

Ion	Ratio	Lower	Upper
109	100		
139	164.3	118.7	178.1
65	157.3	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

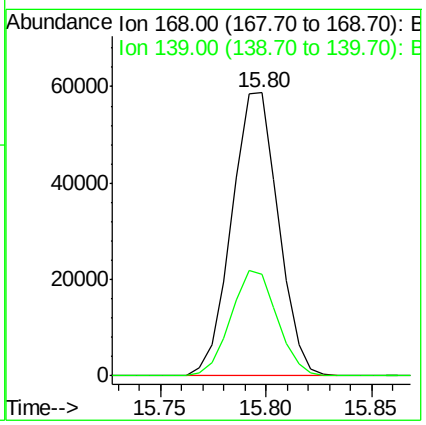
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

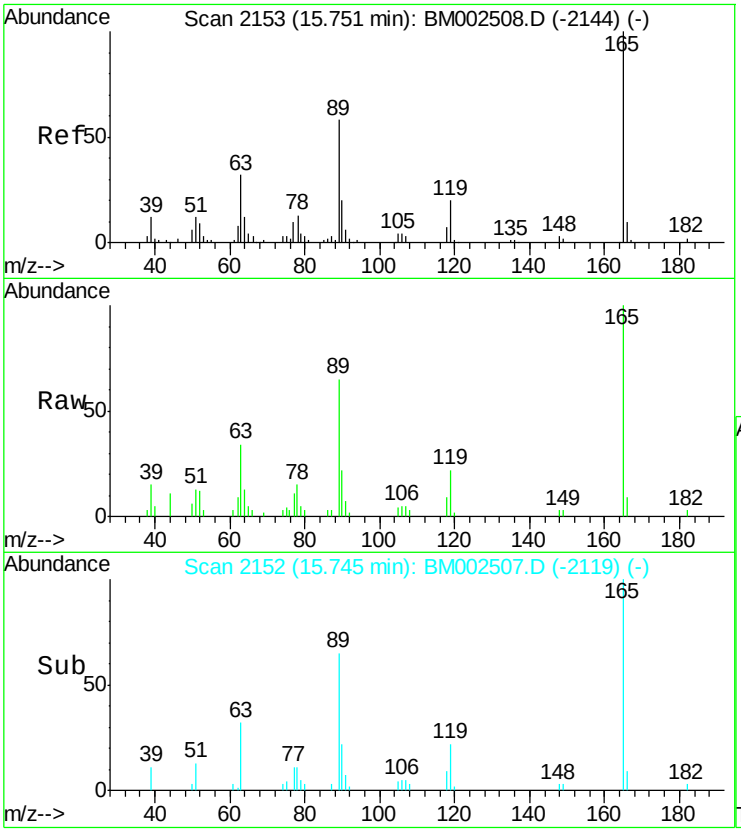


#54
Dibenzofuran
Concen: 3.03 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:168 Resp: 90138

Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.3	46.9





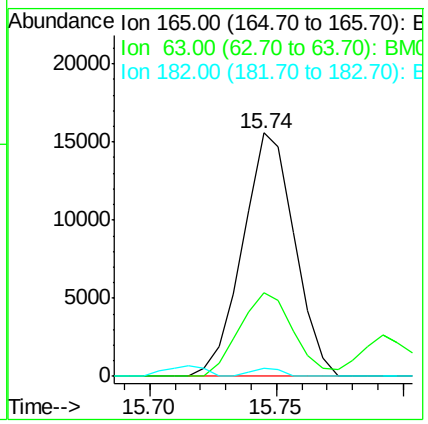
#55
2,4-Dinitrotoluene
Concen: 3.24 ng/ul
RT: 15.74 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

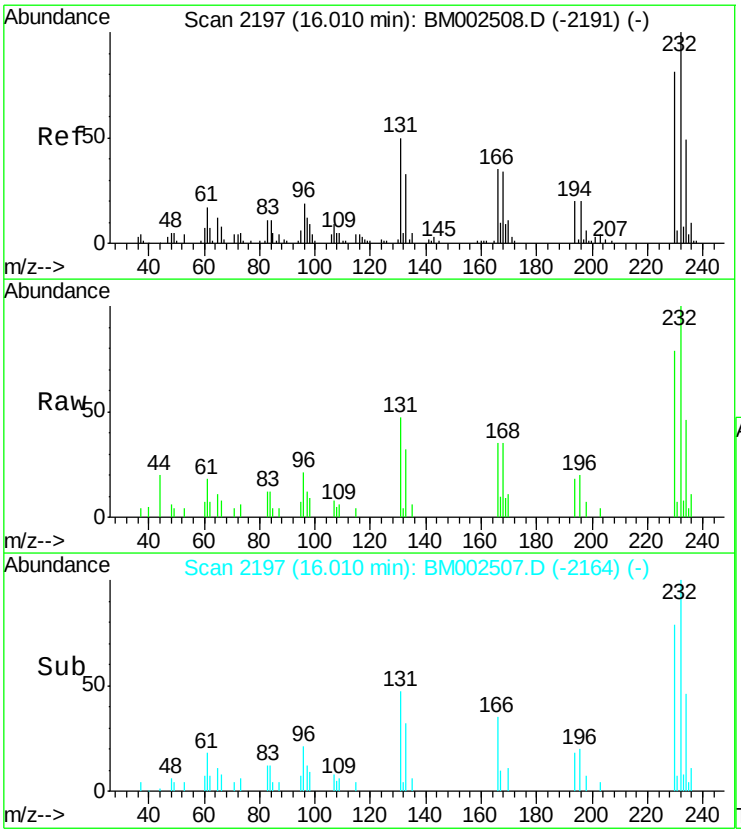
Tgt Ion:165 Resp: 22285

Ion	Ratio	Lower	Upper
165	100		
63	34.4	35.9	53.9#
182	3.2	2.5	3.7

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

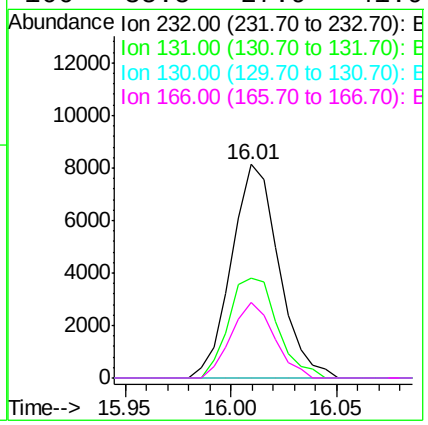


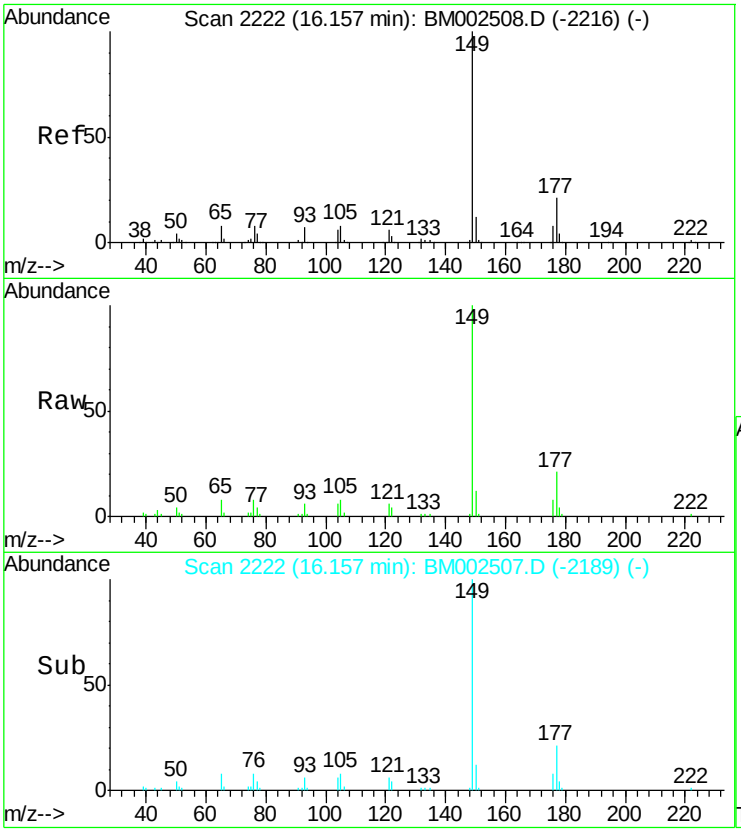


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.68 ng/ul
RT: 16.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:232 Resp: 12644

Ion	Ratio	Lower	Upper
232	100		
131	47.0	42.2	63.4
130	0.0	2.2	3.4#
166	35.5	27.9	41.9

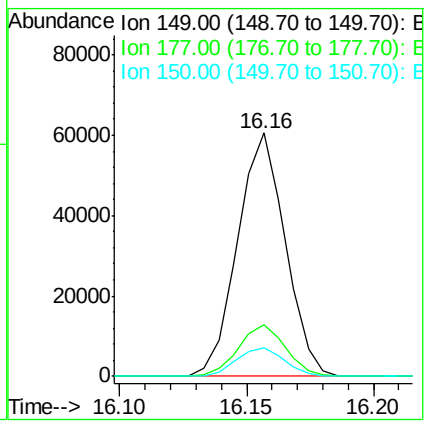




#57
Diethylphthalate
Concen: 2.86 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

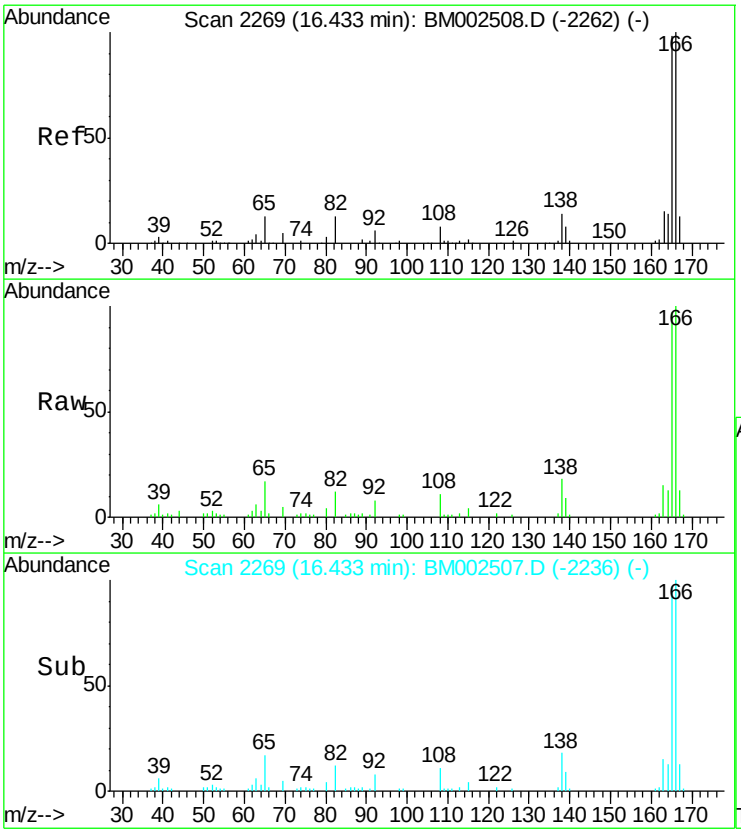
Tgt Ion:149 Resp: 79119

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	11.5	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

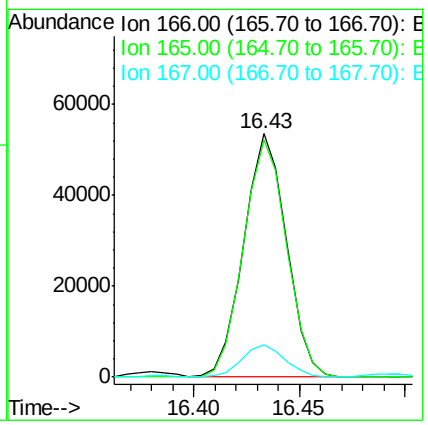
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

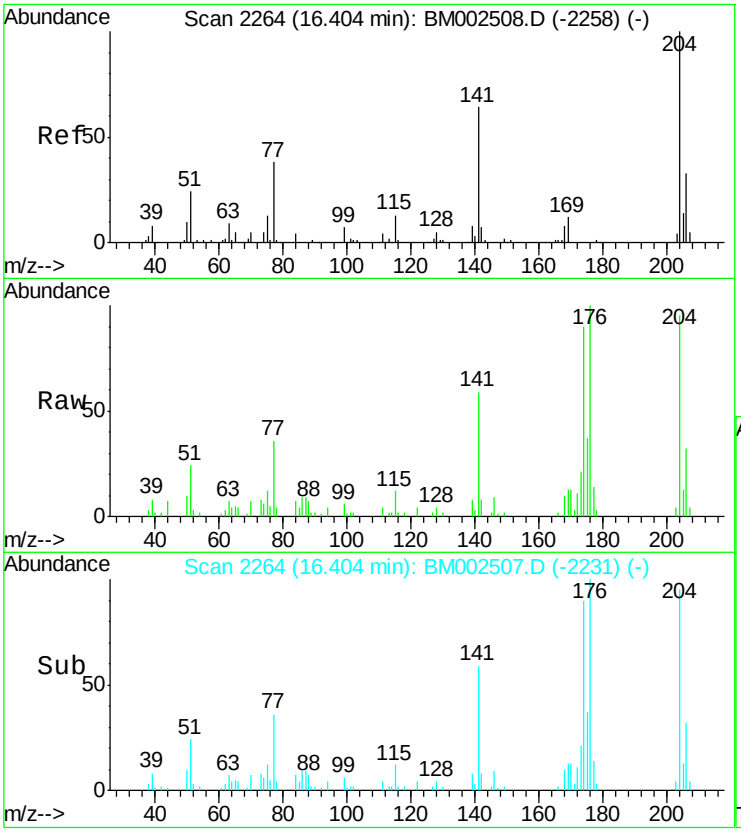


#59
Fluorene
Concen: 3.00 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:166 Resp: 75293

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.5	116.3
167	13.5	10.4	15.6





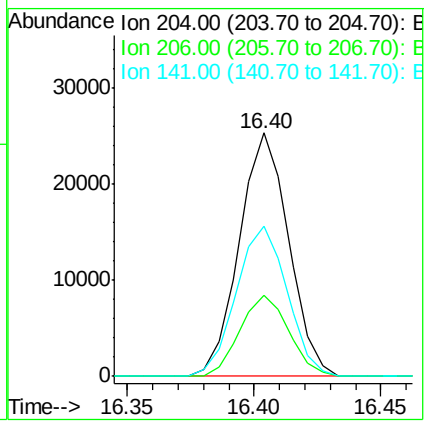
#60
4-Chlorophenyl-phenylether
Concen: 2.99 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

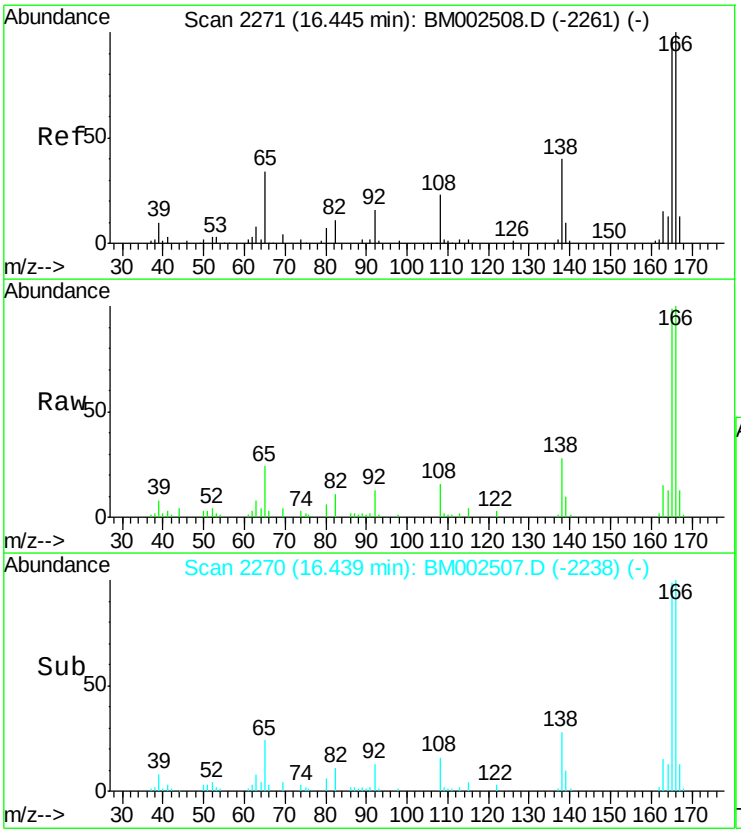
Tgt Ion:204 Resp: 34398

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	61.5	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

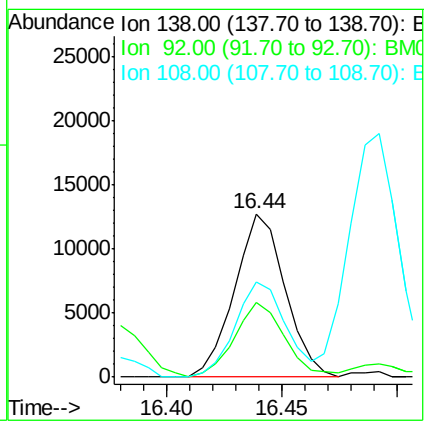


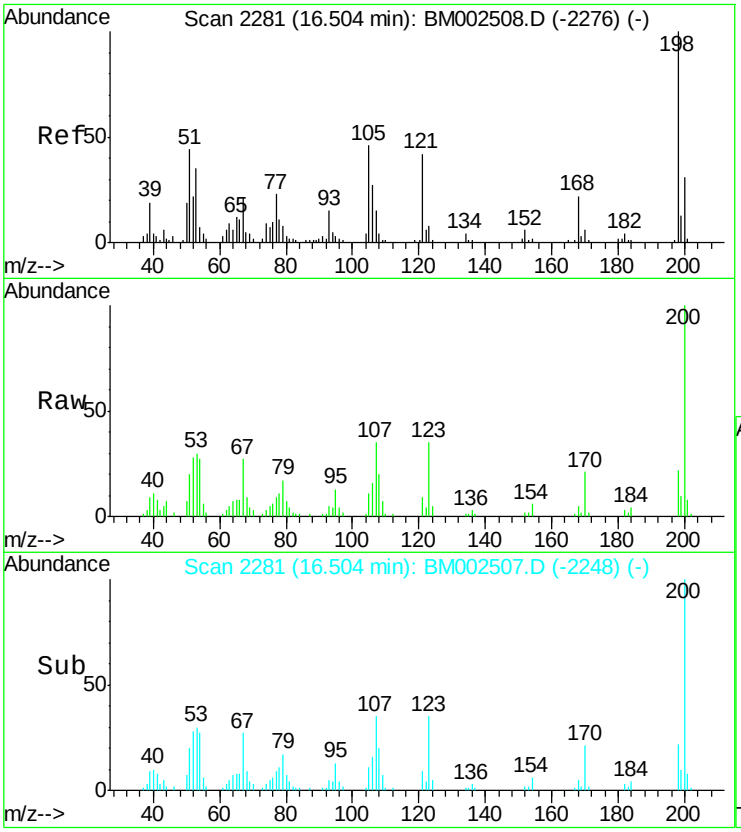


#61
4-Nitroaniline
Concen: 3.20 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:138 Resp: 19421

Ion	Ratio	Lower	Upper
138	100		
92	45.6	40.4	60.6
108	58.3	56.2	84.2





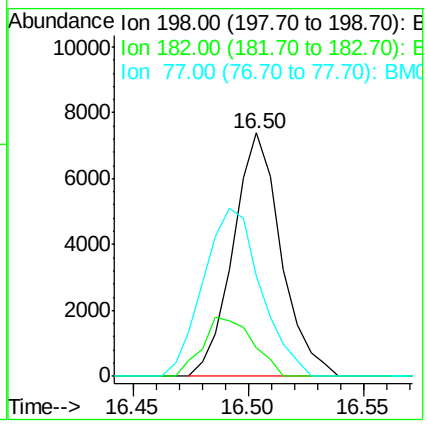
#64
4,6-Dinitro-2-methylphenol
Concen: 3.59 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

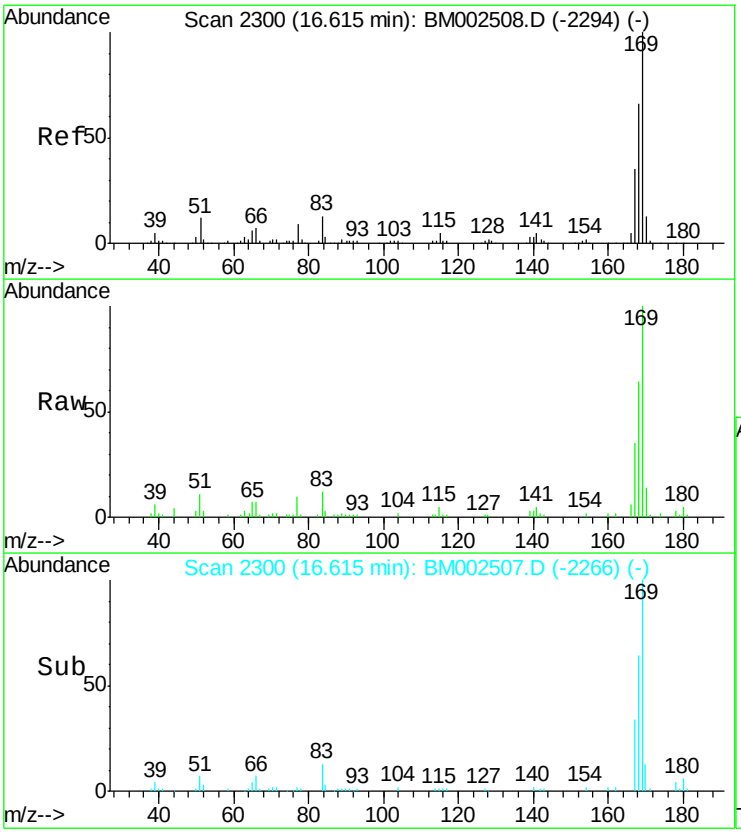
Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

Tgt Ion:198 Resp: 10738

Ion	Ratio	Lower	Upper
198	100		
182	11.6	3.7	5.5#
77	41.2	24.2	36.4#

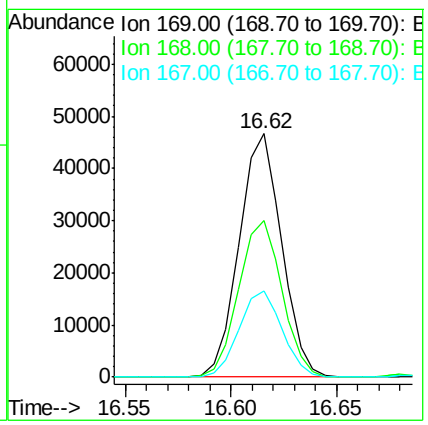


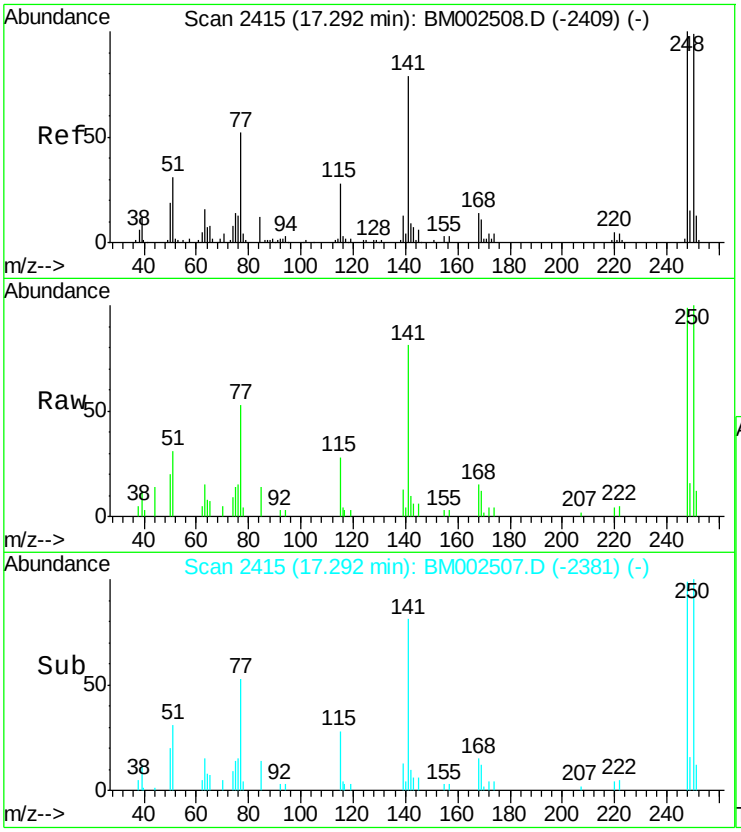


#65
N-Nitrosodiphenylamine
Concen: 2.93 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:169 Resp: 65092

Ion	Ratio	Lower	Upper
169	100		
168	64.5	53.4	80.2
167	35.2	28.8	43.2

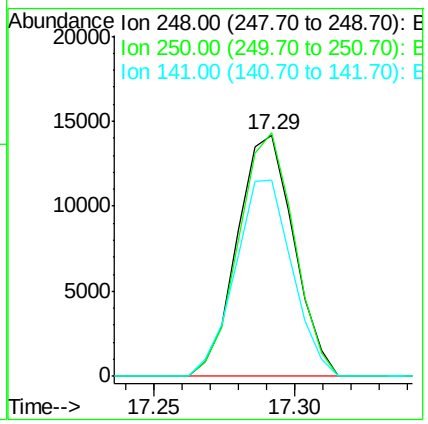




#66
4-Bromophenyl-phenylether
Concen: 2.79 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

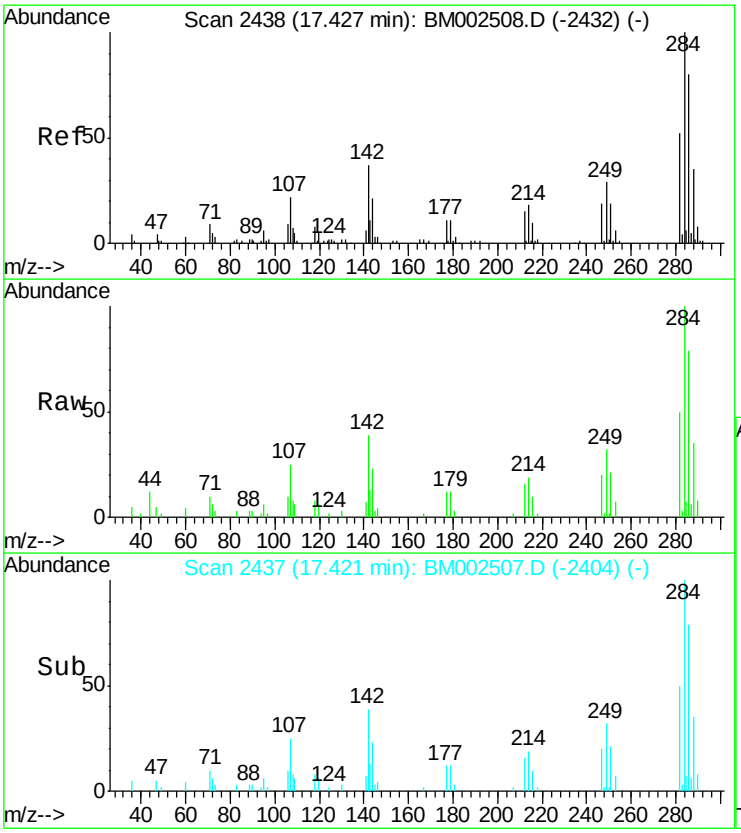
Tgt Ion:248 Resp: 19755

Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.5	117.7
141	81.4	66.2	99.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

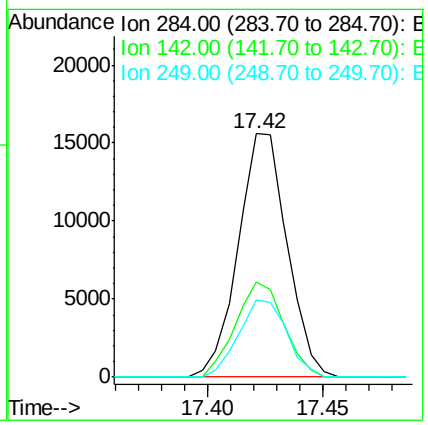
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

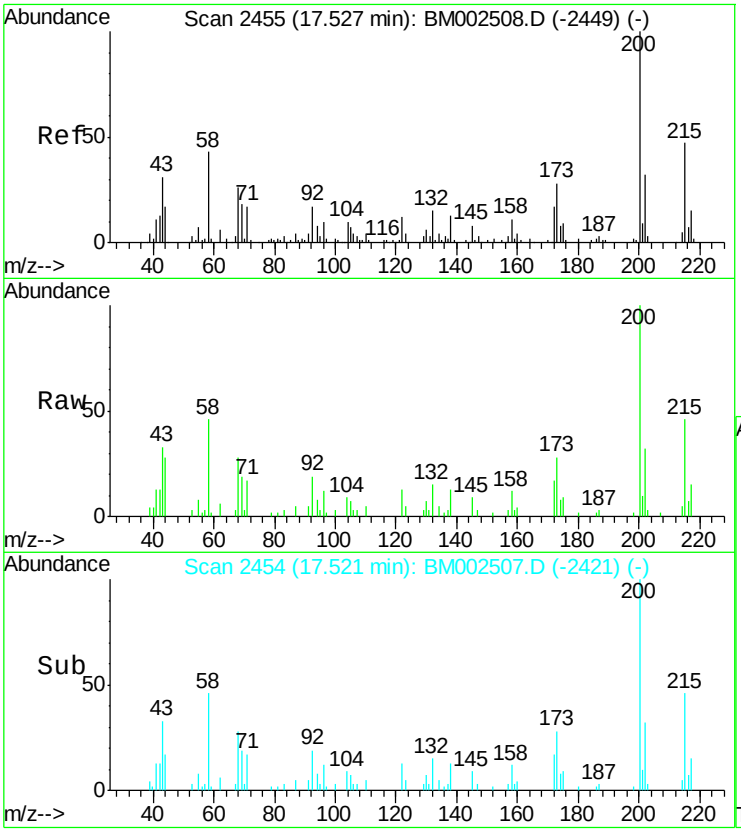


#67
Hexachlorobenzene
Concen: 2.86 ng/ul
RT: 17.42 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:284 Resp: 23126

Ion	Ratio	Lower	Upper
284	100		
142	39.1	30.2	45.4
249	31.6	24.6	36.8

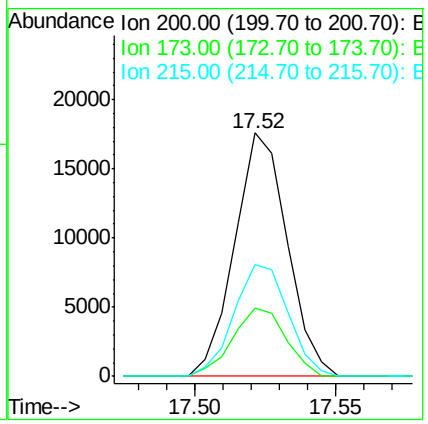




#68
Atrazine
Concen: 2.94 ng/ul
RT: 17.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

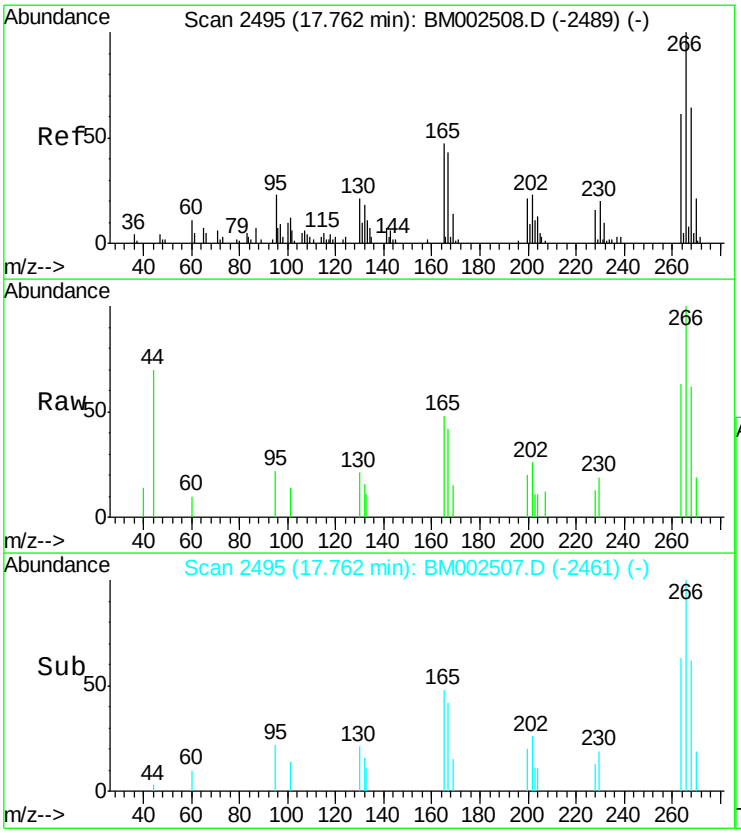
Tgt Ion:200 Resp: 22760

Ion	Ratio	Lower	Upper
200	100		
173	28.1	22.4	33.6
215	45.7	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

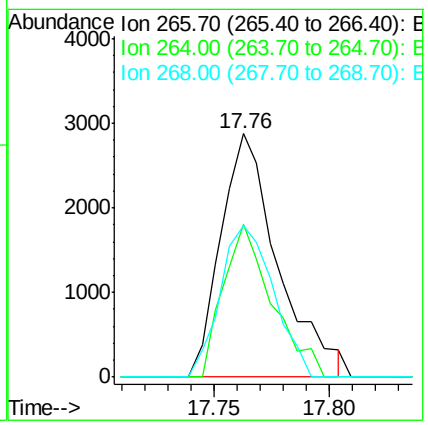
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

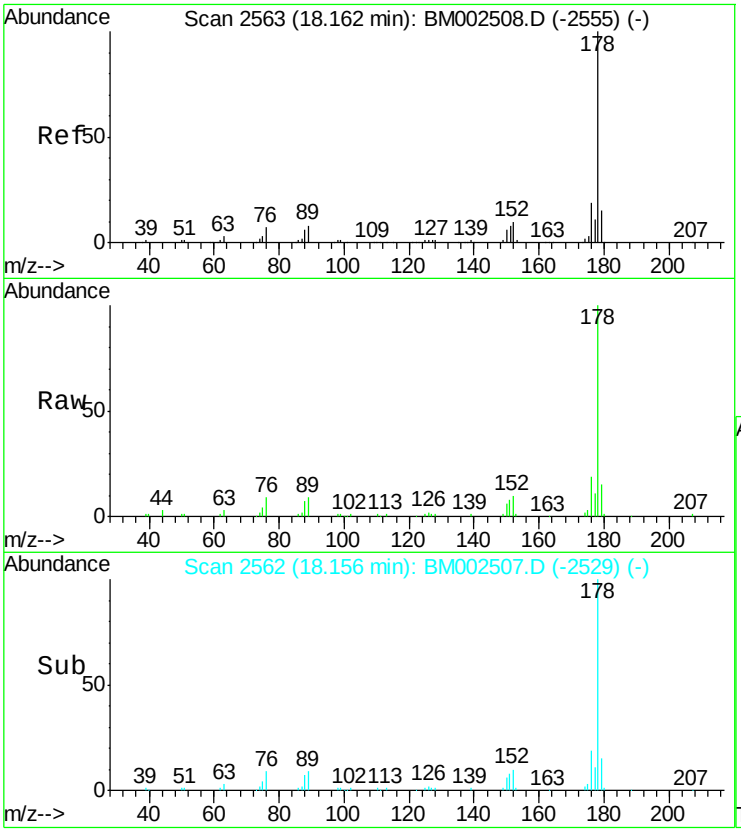


#69
Pentachlorophenol
Concen: 1.25 ng/ul
RT: 17.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:266 Resp: 4947

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.3	75.5
268	62.2	51.0	76.4

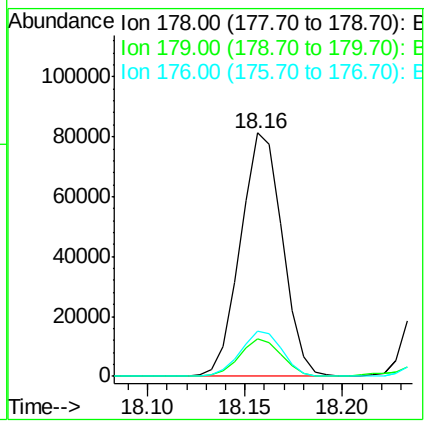




#70
Phenanthrene
Concen: 3.10 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

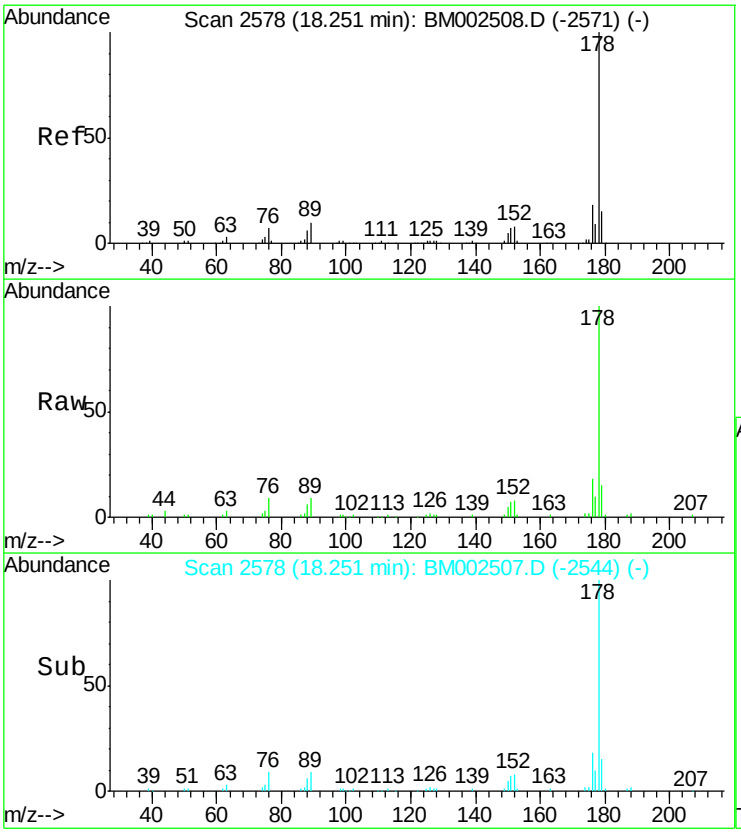
Tgt Ion:178 Resp: 121073

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

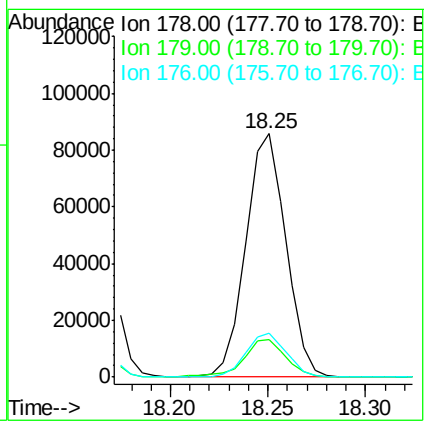
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

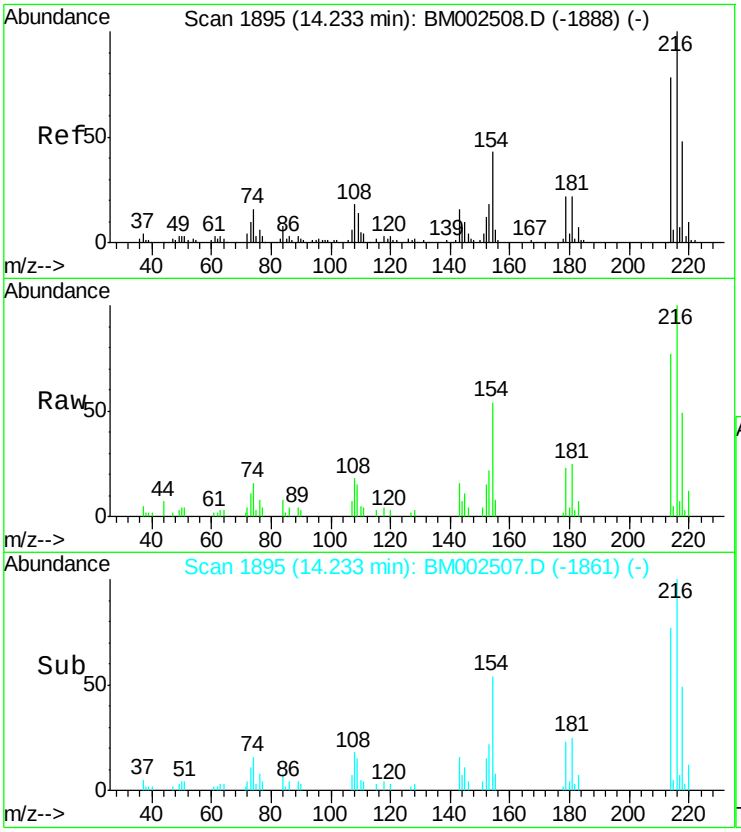


#72
Anthracene
Concen: 3.03 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:178 Resp: 122032

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.8	14.5	21.7





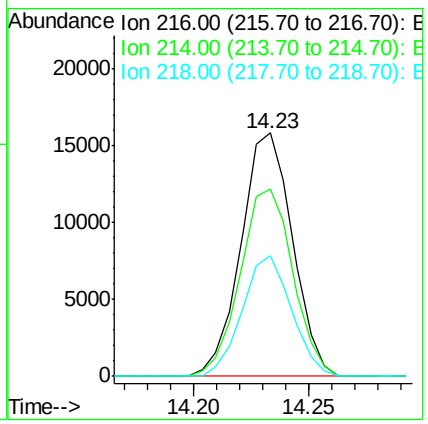
#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.67 ng/uL
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

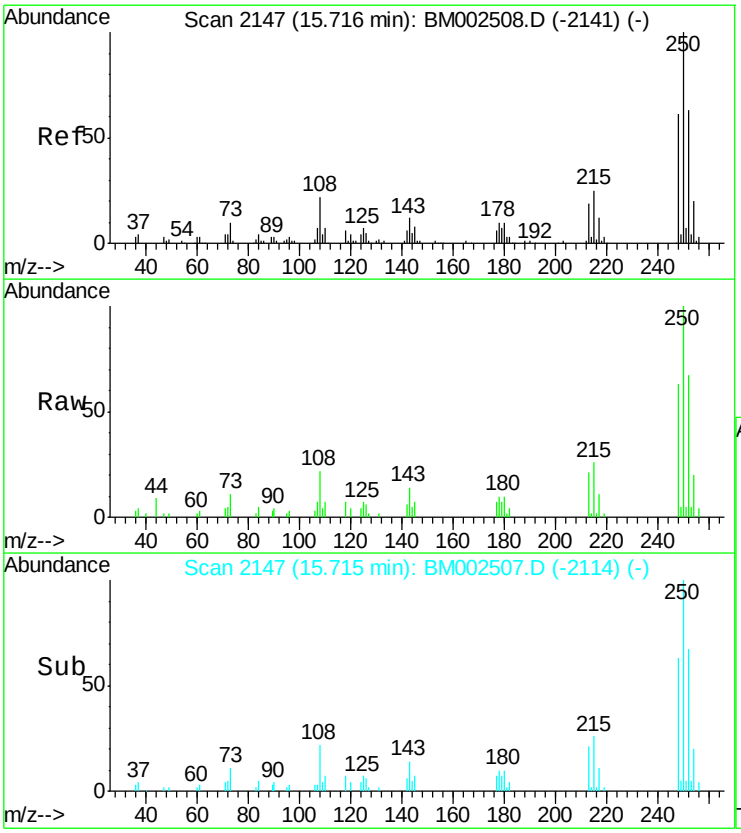
Tgt Ion:216 Resp: 24606

Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.4	95.0
218	49.4	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

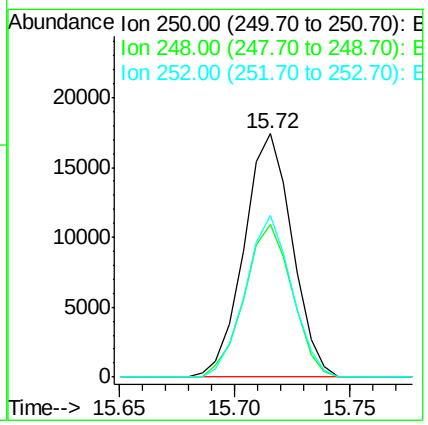


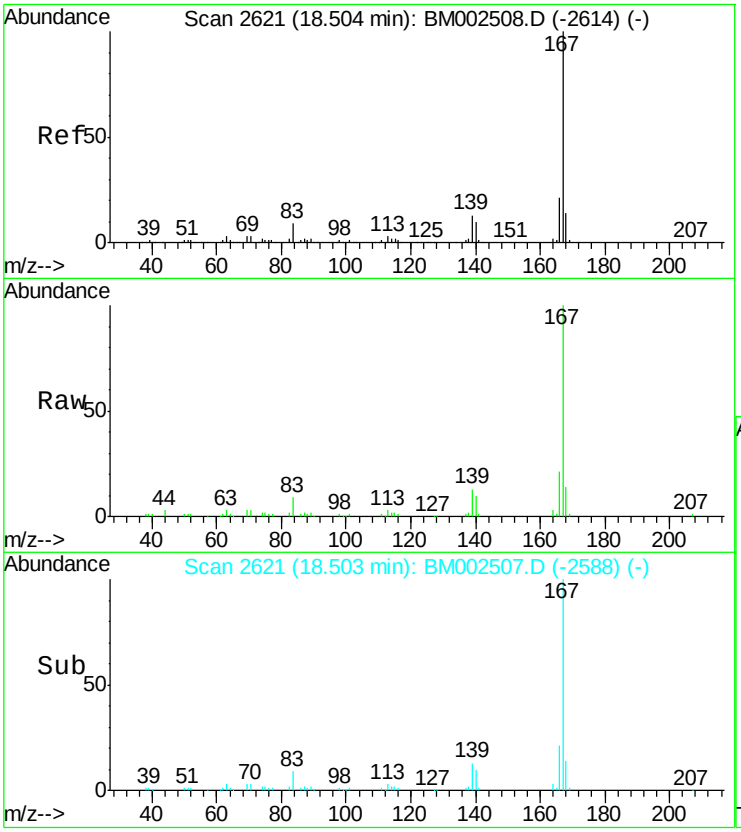


#74
Pentachlorobenzene
Concen: 2.84 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:250 Resp: 25359

Ion	Ratio	Lower	Upper
250	100		
248	62.7	51.0	76.6
252	66.6	50.1	75.1





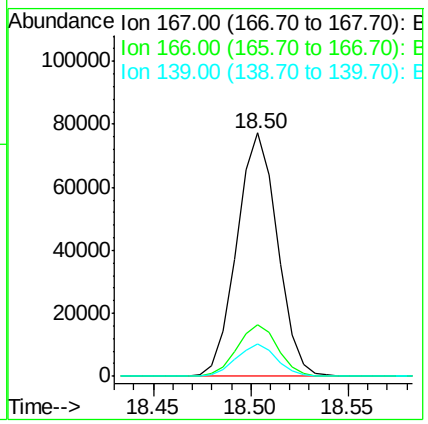
#75
Carbazole
Concen: 3.06 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

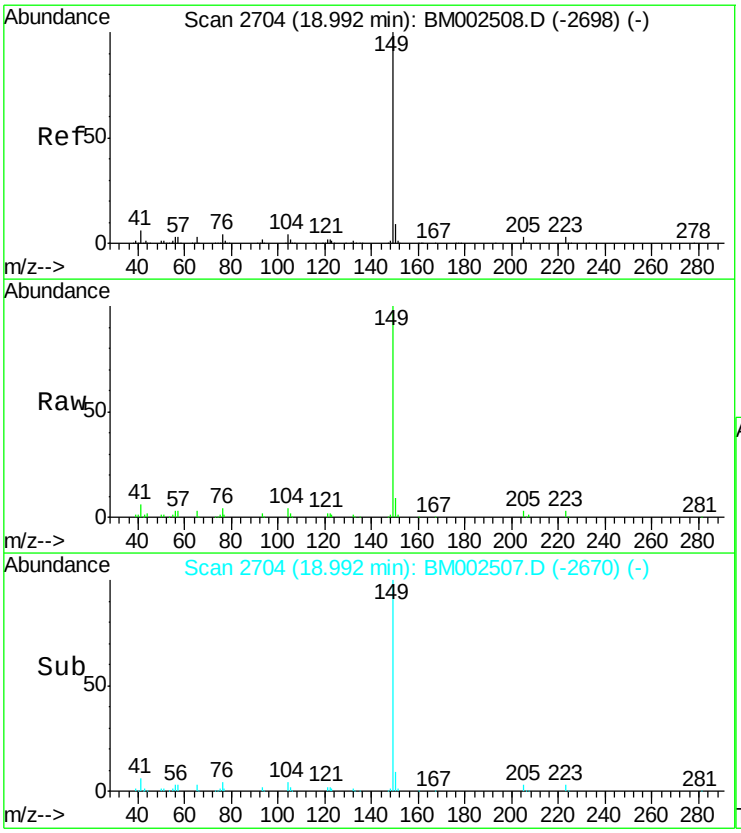
Tgt Ion:167 Resp: 111571

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

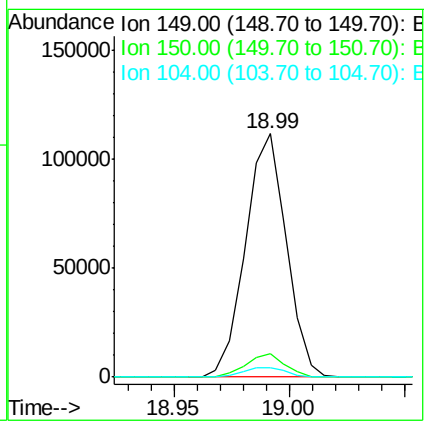


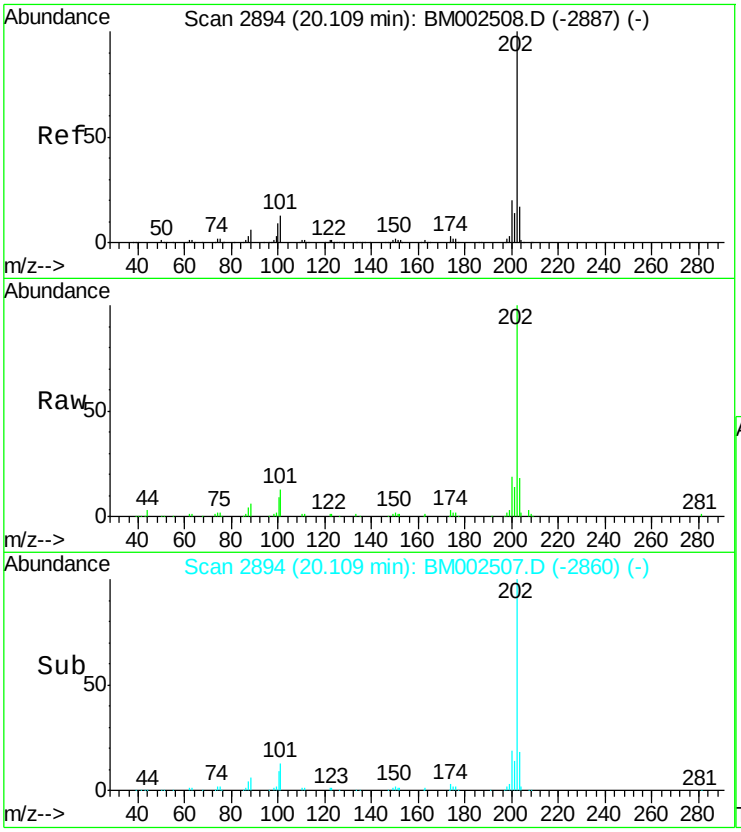


#76
Di-n-butylphthalate
Concen: 2.82 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:149 Resp: 138028

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.0	3.8	5.6

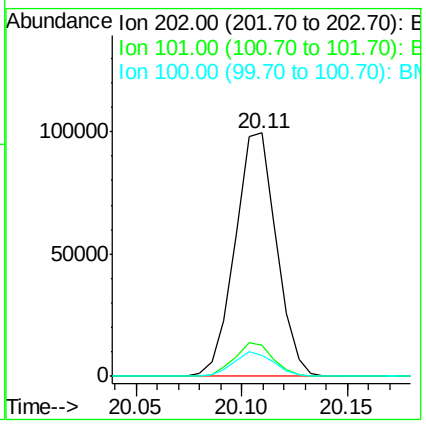




#77
Fluoranthene
Concen: 3.28 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

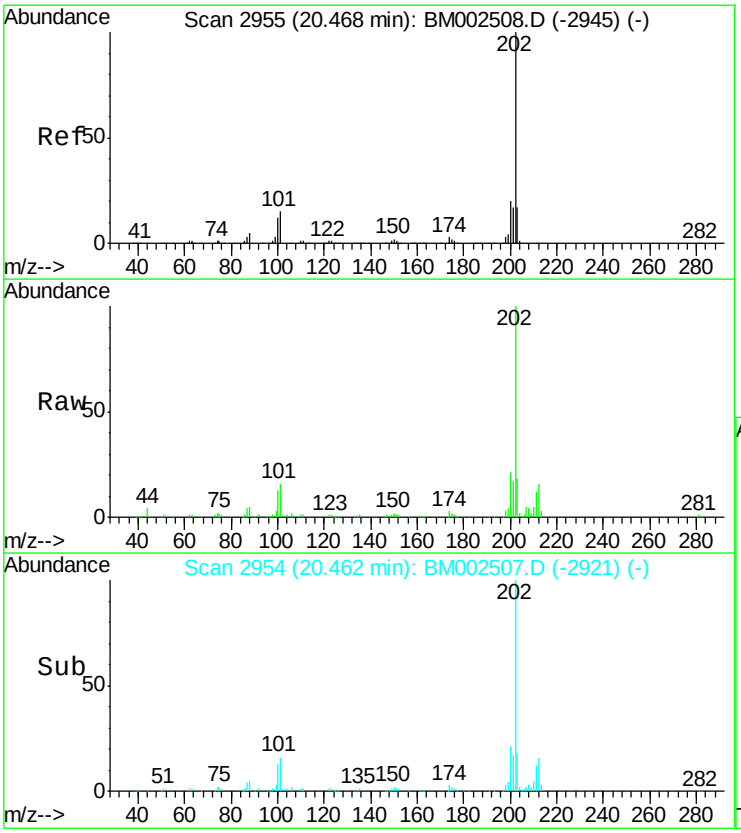
Tgt Ion:202 Resp: 135436

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	8.7	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

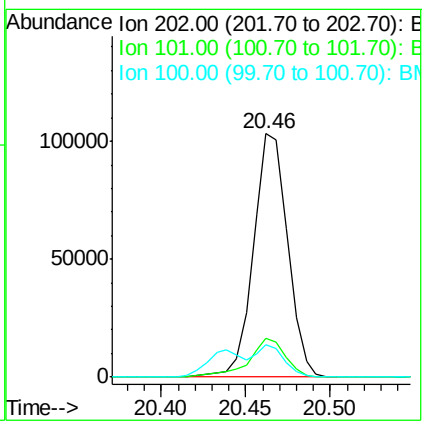
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

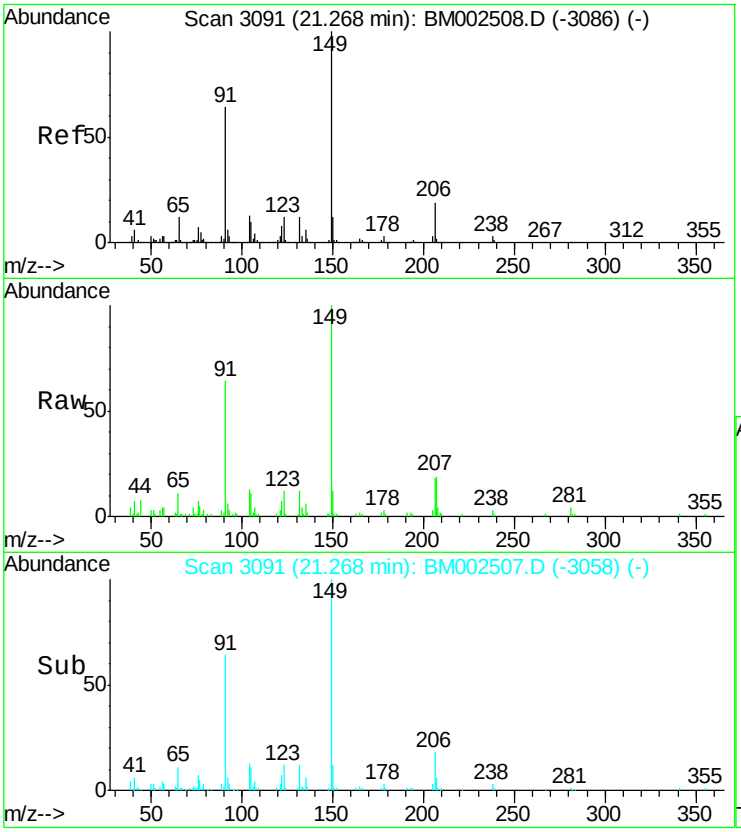


#80
Pyrene
Concen: 3.03 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:202 Resp: 144999

Ion	Ratio	Lower	Upper
202	100		
101	16.0	13.0	19.6
100	13.1	11.0	16.4

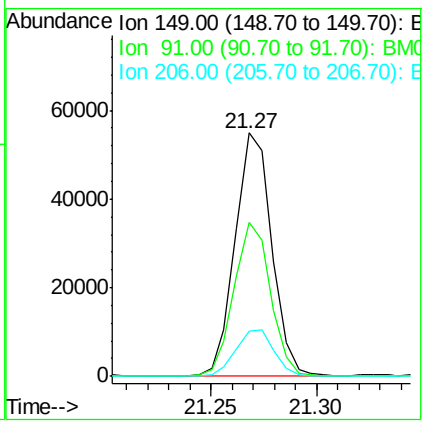




#81
Butylbenzylphthalate
Concen: 2.80 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

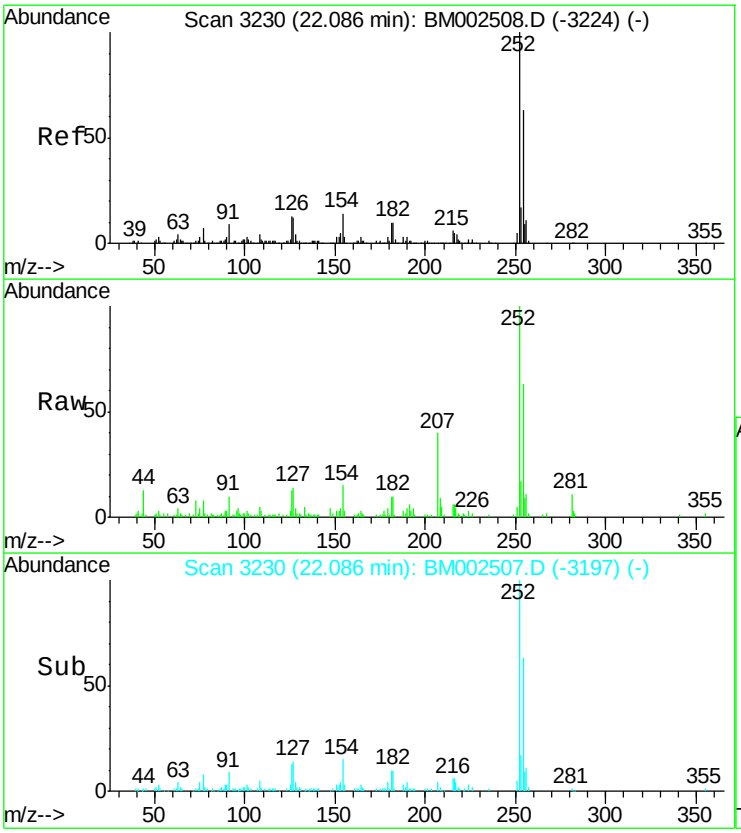
Tgt Ion:149 Resp: 66233

Ion	Ratio	Lower	Upper
149	100		
91	63.5	57.5	86.3
206	18.3	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

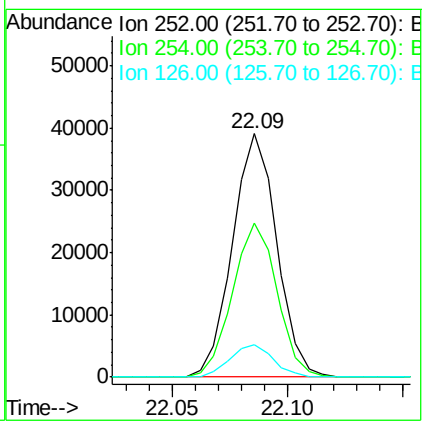
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

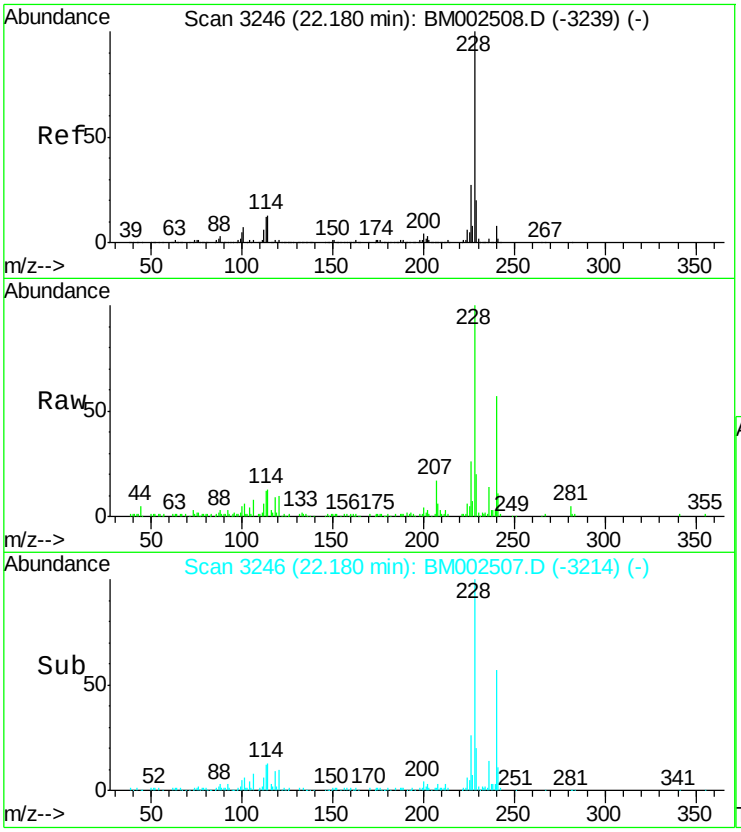


#82
3,3'-Dichlorobenzidine
Concen: 3.67 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:252 Resp: 52269

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.5	78.7
126	13.3	11.8	17.8





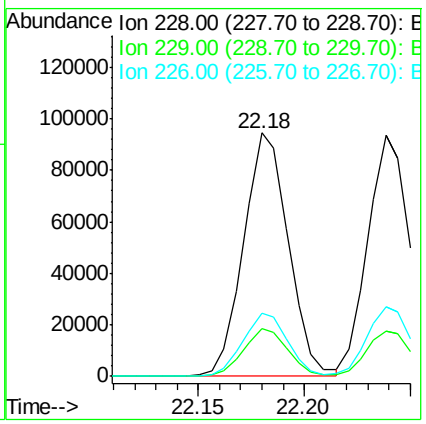
#83
Benzo(a)anthracene
Concen: 3.09 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

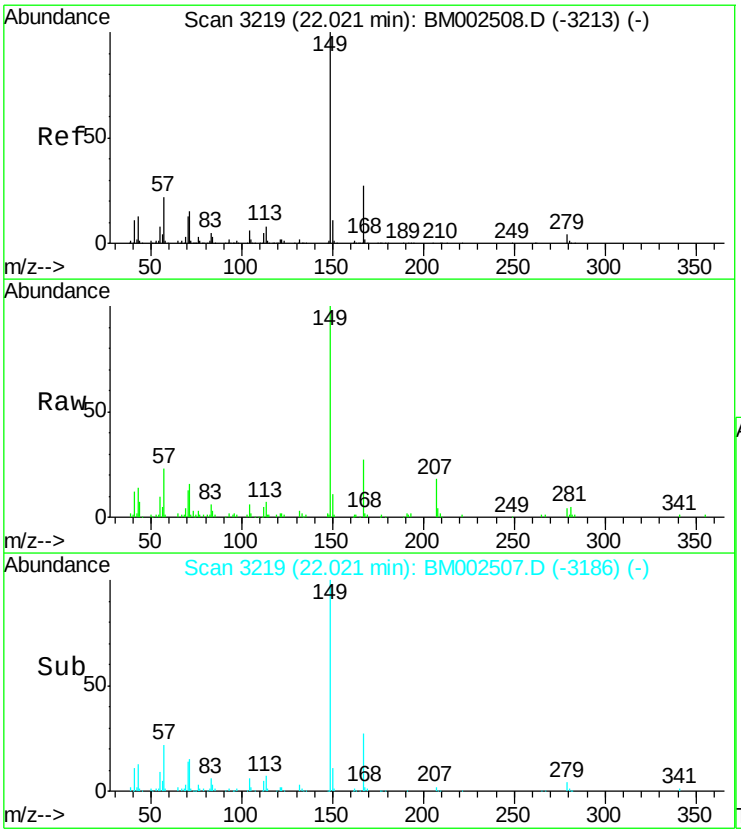
Tgt Ion:228 Resp: 139735

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.2	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

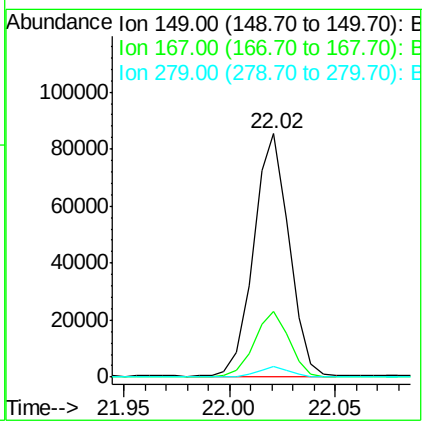


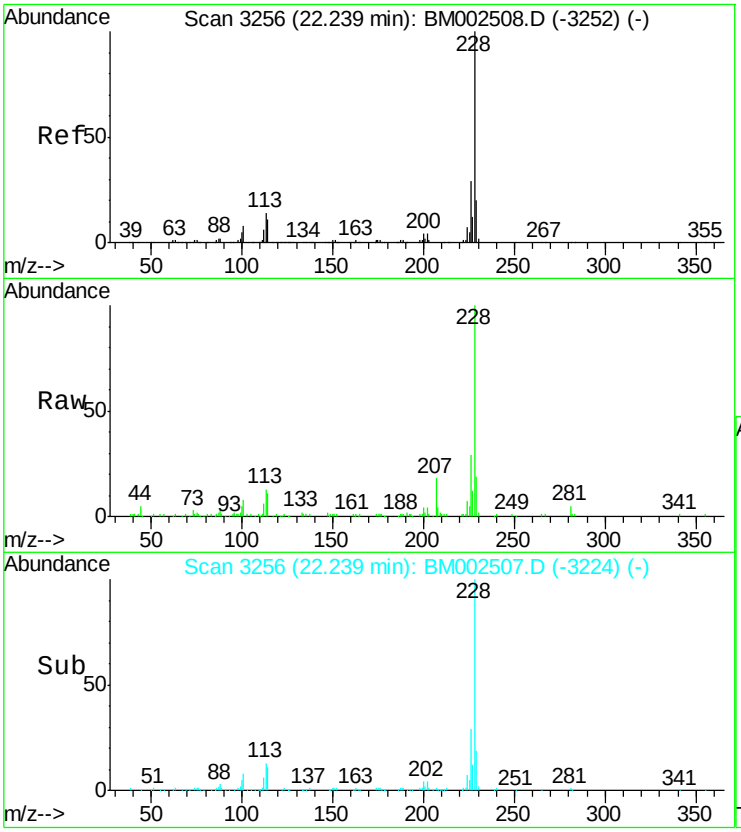


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.89 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:149 Resp: 98932

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	4.1	3.2	4.8





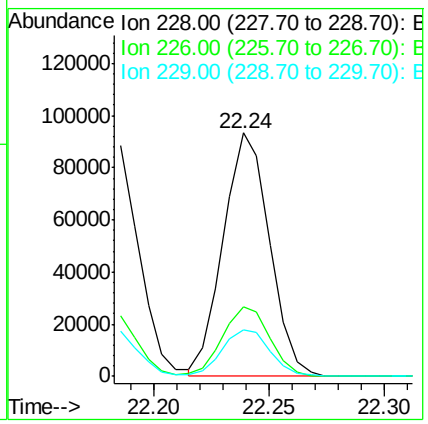
#85
Chrysene
Concen: 3.04 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

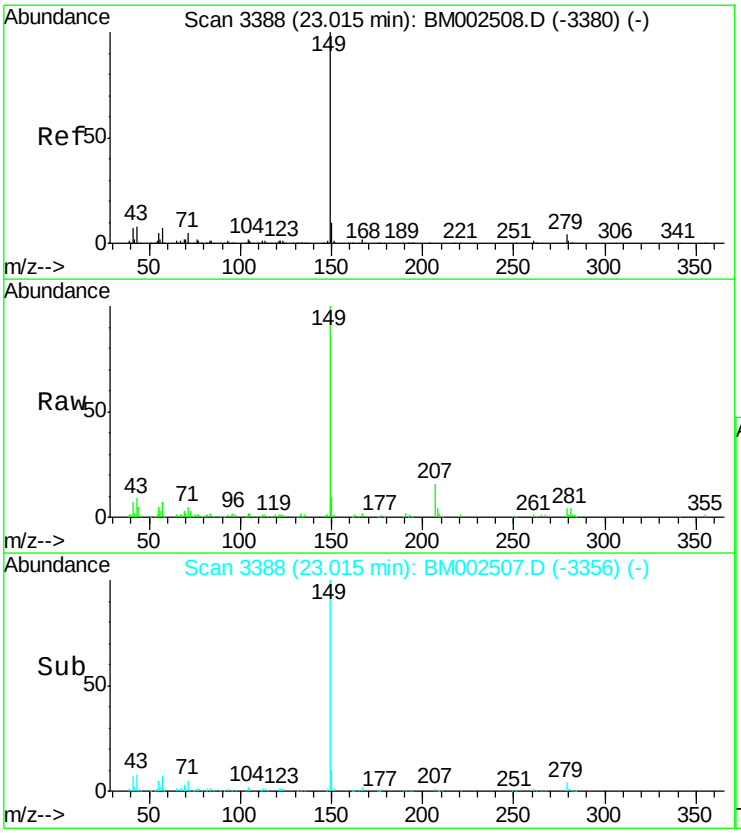
Tgt Ion:228 Resp: 130229

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	19.0	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

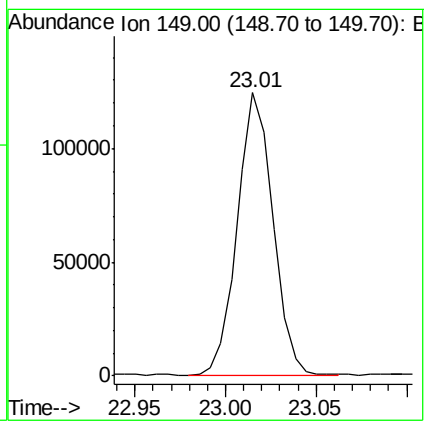
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

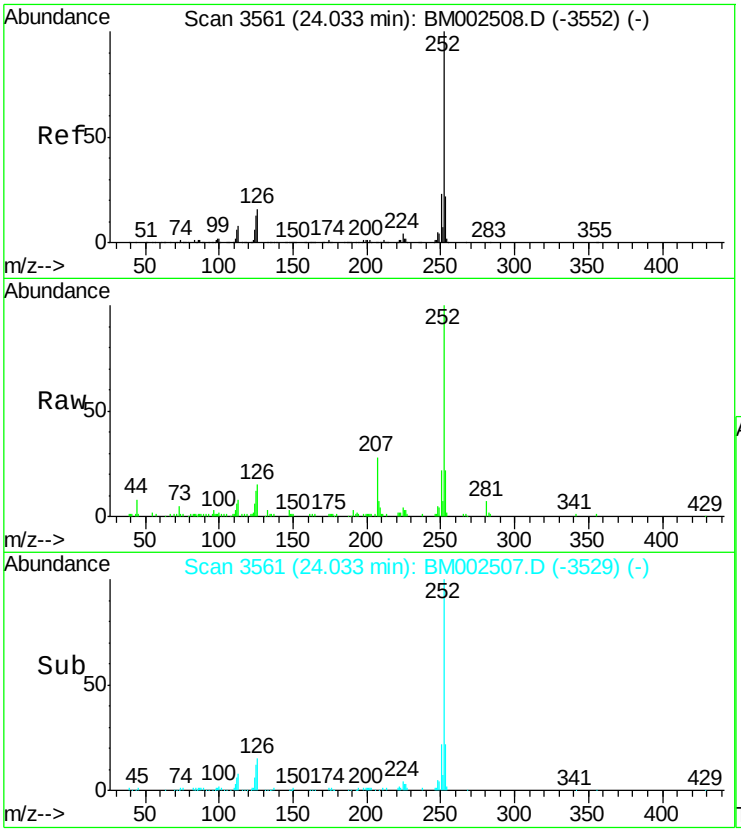




#87
Di-n-octyl phthalate
Concen: 2.91 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:149 Resp: 169116

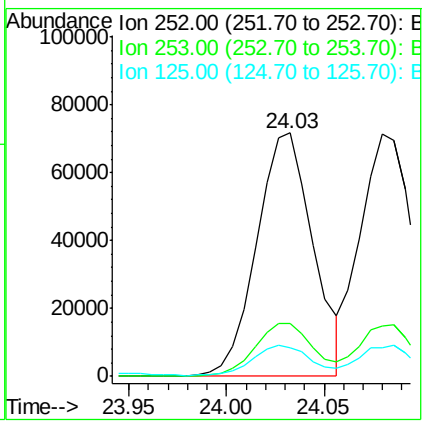




#88
Benzo(b)fluoranthene
Concen: 3.03 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

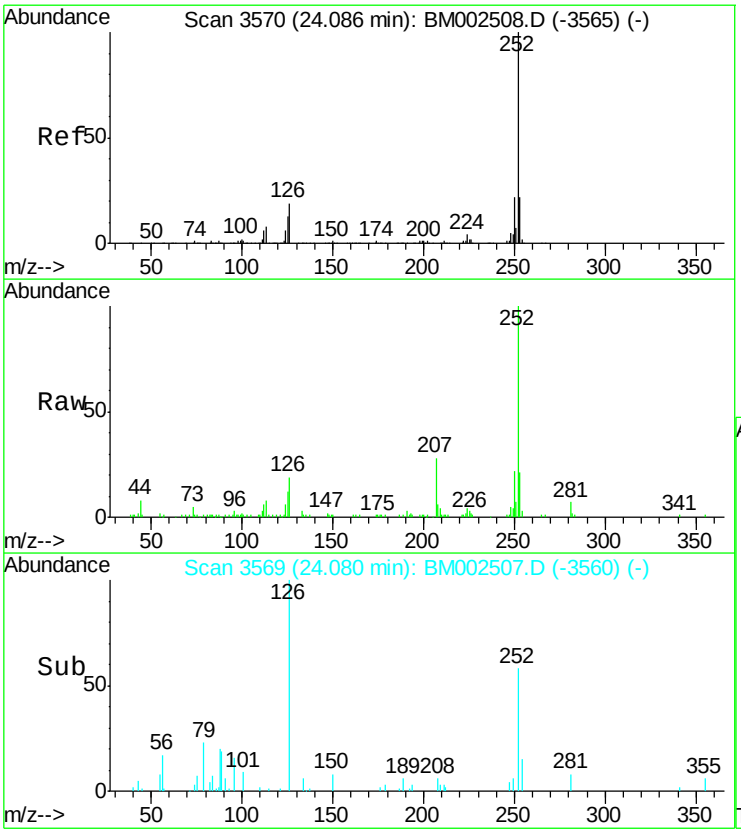
Tgt Ion:252 Resp: 143405

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

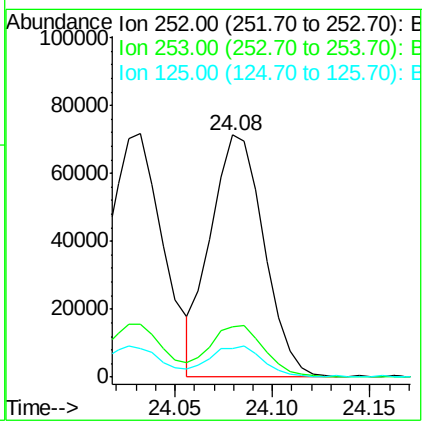
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

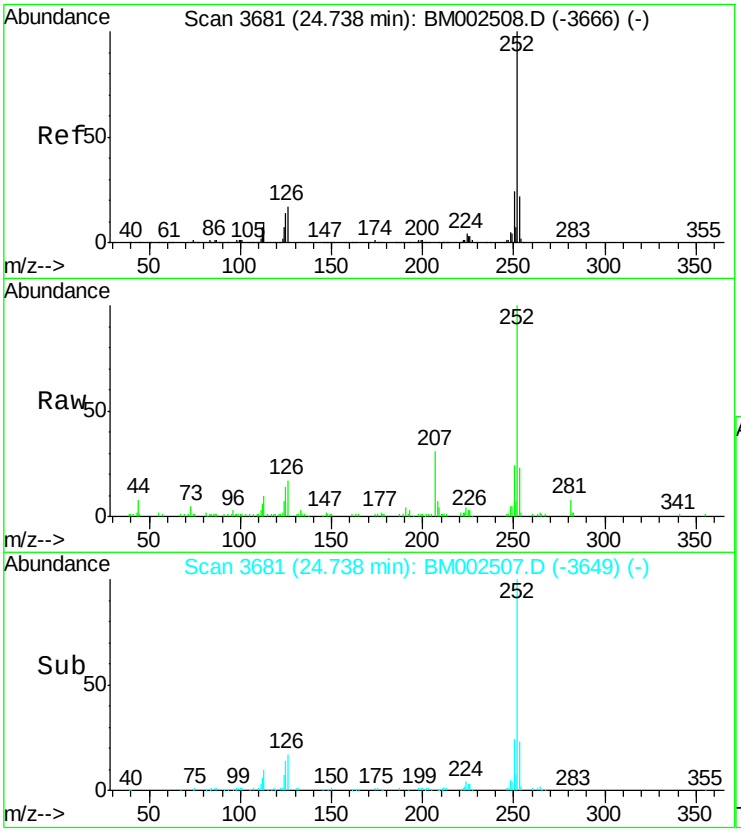


#89
Benzo(k)fluoranthene
Concen: 2.99 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. -0.02 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:252 Resp: 135642

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.3	25.9
125	12.0	10.2	15.4

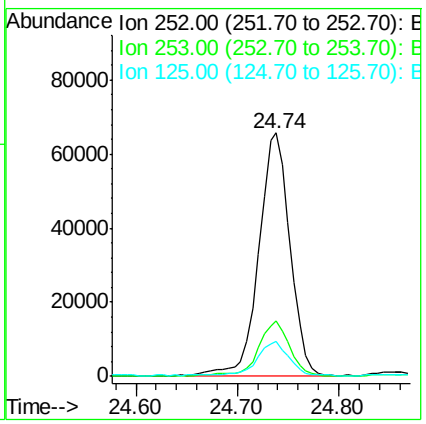




#91
Benzo(a)pyrene
Concen: 3.14 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

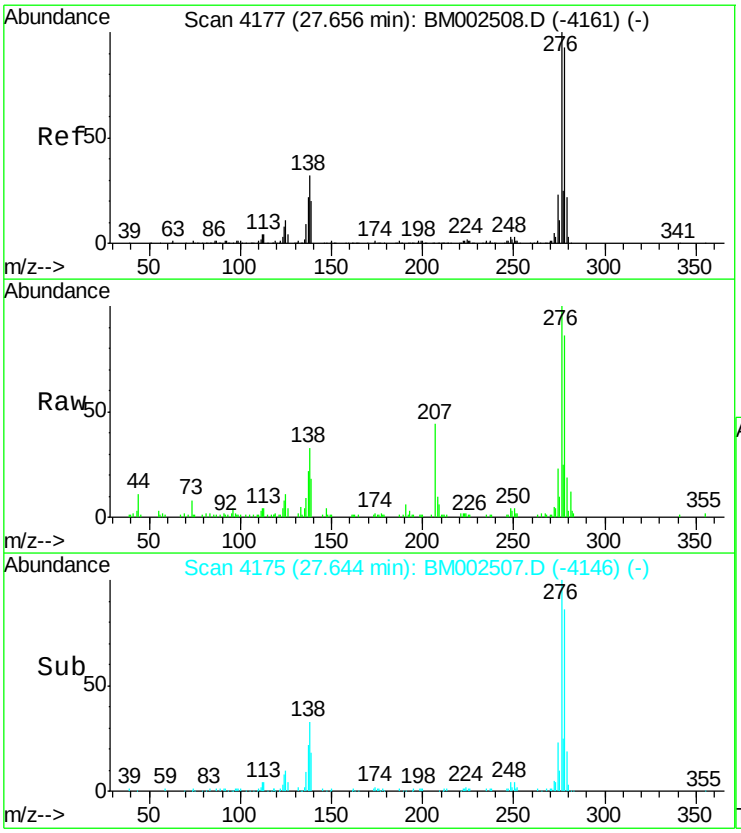
Tgt Ion:252 Resp: 142109

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	14.3	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

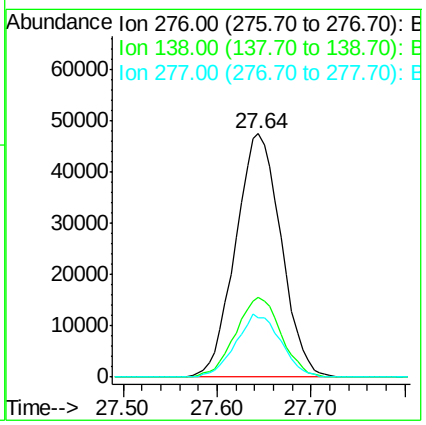
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM

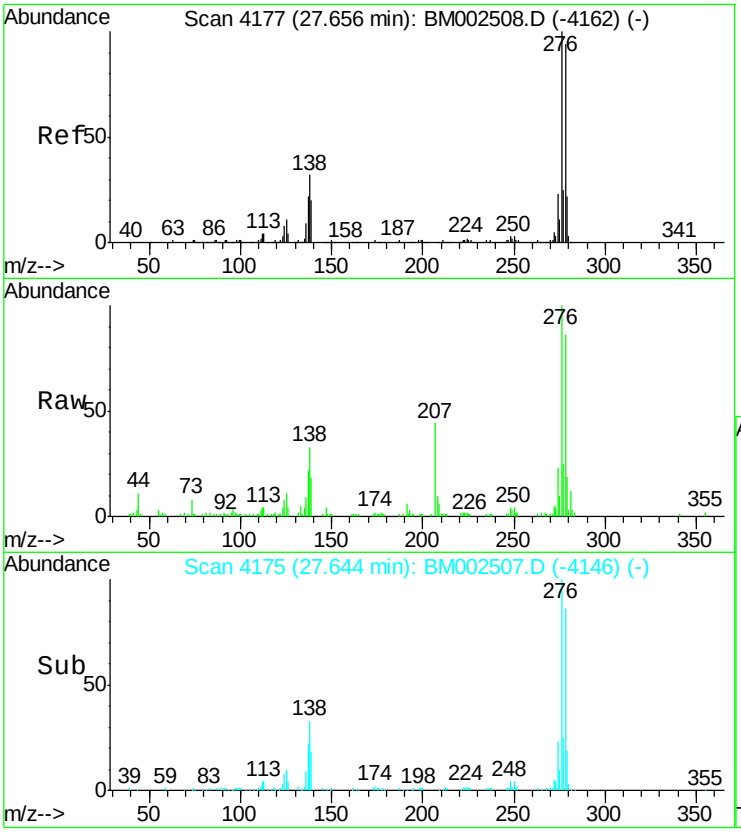


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.07 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. -0.03 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:276 Resp: 159541

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.6	38.4
277	24.5	21.0	31.4

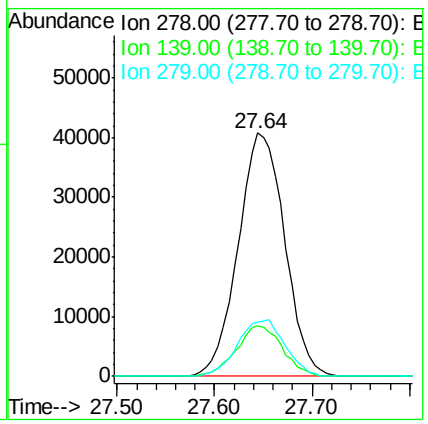




#93
Dibenzo(a,h)anthracene
Concen: 3.08 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. -0.03 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

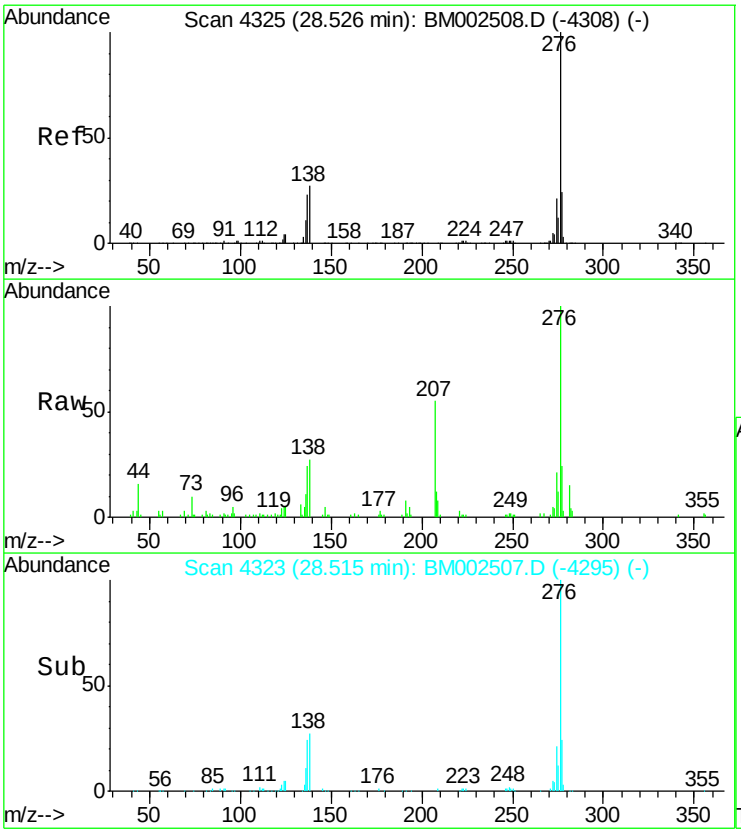
Tgt Ion:278 Resp: 135473

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.4	24.6
279	22.4	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:04 PM



#94
Benzo(g,h,i)perylene
Concen: 3.04 ng/ul
RT: 28.51 min Scan# 4323
Delta R.T. -0.04 min
Lab File: BM002507.D
Acq: 20 Aug 2015 00:57

Tgt Ion:276 Resp: 132883

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.5	30.7
277	23.8	19.0	28.6