

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
 Data File : BM002515.D
 Acq On : 20 Aug 2015 05:48
 Operator : UM/IZ
 Sample : MDL-06-S-ML
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:37:54 PM

Quant Time: Aug 20 06:47:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 05:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	105194	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	508262	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	290950	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	648227	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	728220	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	759050	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	13405	5.89	ng/uL	0.00
5) Phenol-d5	7.93	99	302235	31.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	172196	30.65	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	267825	34.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	270109	33.14	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	142917	37.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	154195	45.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	253779	34.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	407786	41.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.78	166	876856	36.61	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1071458	35.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	169894	39.30	ng/ul	0.00
58) Fluorene-d10	16.38	176	734316	35.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	125247	49.17	ng/ul	0.00
71) Anthracene-d10	18.22	188	1161517	36.93	ng/ul	0.00
79) Pyrene-d10	20.43	212	1250273	35.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	1516196	37.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.90	88	1290	0.50 ng/uL#	33
4) Benzaldehyde	7.93	77	16184	2.88 ng/ul	94
6) Phenol	7.96	94	24878	2.55 ng/ul	94
8) Bis(2-Chloroethyl)ether	8.20	93	21204	2.82 ng/ul	88
10) 2-Chlorophenol	8.37	128	21502	2.68 ng/ul	94
11) 2-Methylphenol	9.25	108	19271	2.50 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.35	45	28144	2.10 ng/ul	95
14) Acetophenone	9.66	105	34437	2.84 ng/ul	96
15) N-Nitroso-di-n-propylamine	9.63	70	16409	2.52 ng/ul	88
16) 4-Methylphenol	9.58	108	21951	2.60 ng/ul	92
17) Hexachloroethane	9.93	117	7873	2.49 ng/ul	94
20) Nitrobenzene	10.06	77	22971	2.60 ng/ul	93
21) Isophorone	10.57	82	46820	2.65 ng/ul	98
23) 2-Nitrophenol	10.78	139	13430	3.50 ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	24064	2.56 ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	28177	2.58 ng/ul	97
27) 2,4-Dichlorophenol	11.32	162	20093	2.83 ng/ul#	81
28) Naphthalene	11.74	128	74831	2.80 ng/ul	100
30) 4-Chloroaniline	11.83	127	34061	3.50 ng/ul	96
31) Hexachlorobutadiene	11.99	225	11276	2.75 ng/ul	93
32) Caprolactam	12.59	113	8040m	2.74 ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	22931	2.58 ng/ul	93
34) 2-Methylnaphthalene	13.29	142	55329	2.89 ng/ul	98

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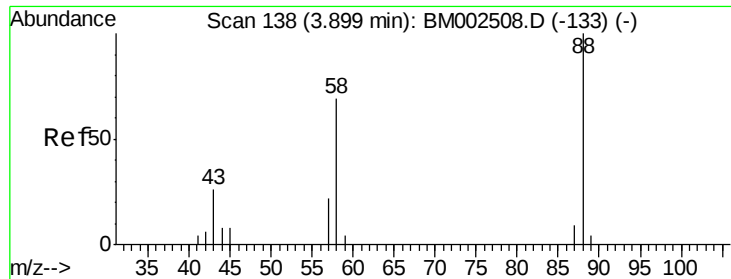
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	24081	2.88	ng/ul	96
38) Hexachlorocyclopentadiene	13.60	237	4803	0.97	ng/ul	96
39) 2,4,6-Trichlorophenol	13.86	196	15126	2.91	ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	16297	2.79	ng/ul	96
41) 1,1'-Biphenyl	14.25	154	71177	2.89	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	53551	2.86	ng/ul	97
43) 2-Nitroaniline	14.50	65	14385	2.54	ng/ul#	84
45) Dimethylphthalate	14.83	163	72366	2.96	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14053	3.07	ng/ul#	86
48) Acenaphthylene	15.14	152	91467	2.92	ng/ul	99
49) 3-Nitroaniline	15.30	138	16624	3.36	ng/ul#	88
50) Acenaphthene	15.47	153	60446	2.87	ng/ul	98
51) 2,4-Dinitrophenol	15.51	184	2876	1.82	ng/ul#	1
53) 4-Nitrophenol	15.58	109	8751	2.76	ng/ul	95
54) Dibenzofuran	15.79	168	83321	2.97	ng/ul	95
55) 2,4-Dinitrotoluene	15.74	165	20955	3.23	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	11653	2.62	ng/ul#	96
57) Diethylphthalate	16.16	149	74919	2.87	ng/ul	99
59) Fluorene	16.43	166	71122	3.00	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.40	204	32454	2.99	ng/ul	91
61) 4-Nitroaniline	16.44	138	18194	3.18	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	16.50	198	10681	3.73	ng/ul#	67
65) N-Nitrosodiphenylamine	16.62	169	60875	2.86	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	18759	2.77	ng/ul	97
67) Hexachlorobenzene	17.42	284	22396	2.90	ng/ul	98
68) Atrazine	17.52	200	21636	2.92	ng/ul	100
69) Pentachlorophenol	17.76	266	4443	1.17	ng/ul	95
70) Phenanthrene	18.16	178	114878	3.08	ng/ul	100
72) Anthracene	18.24	178	116549	3.02	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	23002	2.61	ng/uL	98
74) Pentachlorobenzene	15.71	250	23784	2.79	ng/uL	98
75) Carbazole	18.50	167	107576	3.08	ng/ul	98
76) Di-n-butylphthalate	18.99	149	133646	2.86	ng/ul	100
77) Fluoranthene	20.10	202	130722	3.31	ng/ul	99
80) Pyrene	20.46	202	139673	2.97	ng/ul	97
81) Butylbenzylphthalate	21.27	149	64357	2.77	ng/ul	90
82) 3,3'-Dichlorobenzidine	22.08	252	51040	3.65	ng/ul	99
83) Benzo(a)anthracene	22.18	228	137631	3.10	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	22.01	149	97433	2.90	ng/ul	99
85) Chrysene	22.23	228	128911	3.06	ng/ul	100
87) Di-n-octyl phthalate	23.01	149	167782	2.90	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	144742	3.07	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	133397	2.94	ng/ul	99
91) Benzo(a)pyrene	24.73	252	142479	3.16	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.63	276	163476	3.16	ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	138346	3.16	ng/ul	99
94) Benzo(g,h,i)perylene	28.50	276	137617	3.15	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.50 ng/uL

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

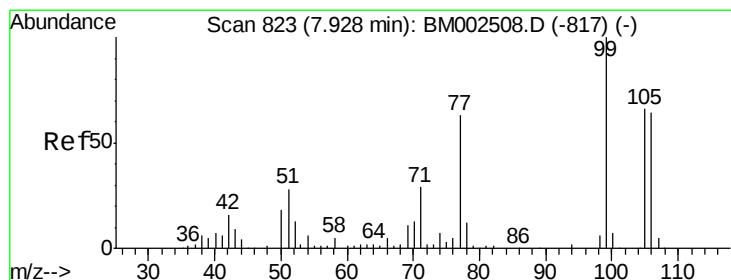
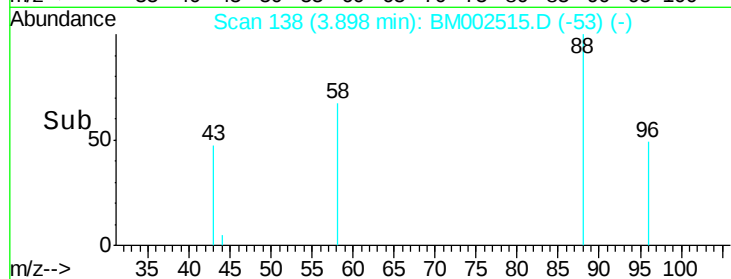
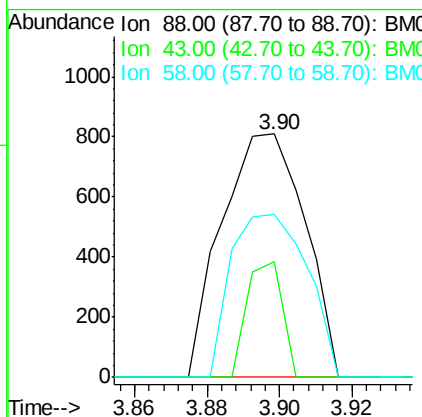
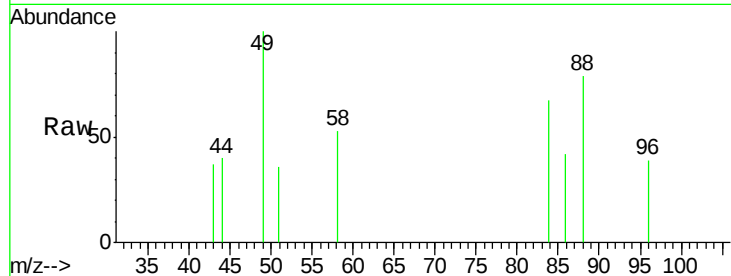
ClientSampled :

MDL-06-S-ML

Tgt Ion:	88	Resp:	1290
Ion	Ratio	Lower	Upper
88	100		
43	20.1	2.3	3.5#
58	61.6	0.6	1.0#

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#4

Benzaldehyde

Concen: 2.88 ng/uL

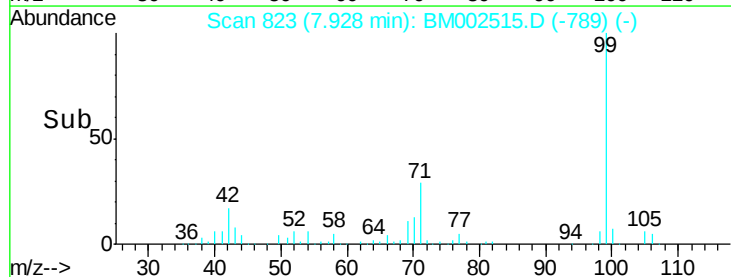
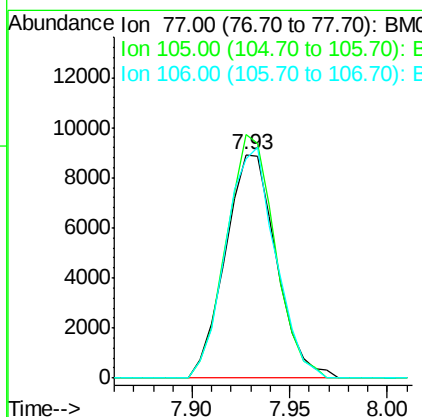
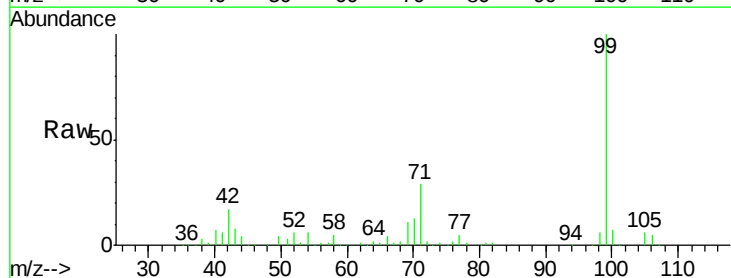
RT: 7.93 min Scan# 823

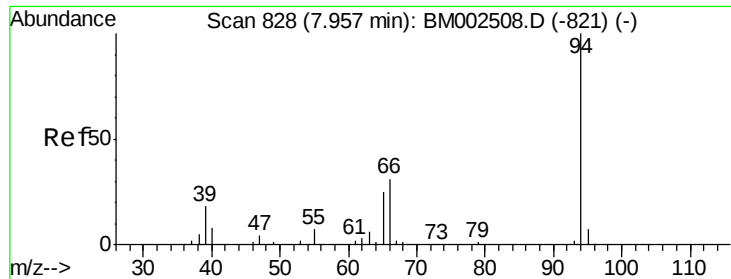
Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	77	Resp:	16184
Ion	Ratio	Lower	Upper
77	100		
105	109.1	80.0	120.0
106	98.2	76.7	115.1





#6

Phenol

Concen: 2.55 ng/ul

RT: 7.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

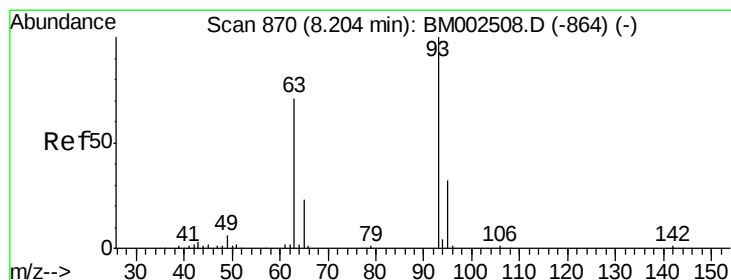
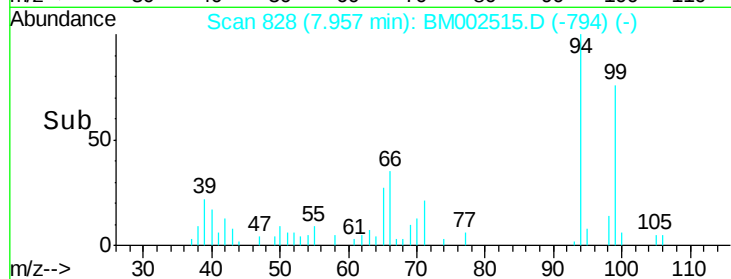
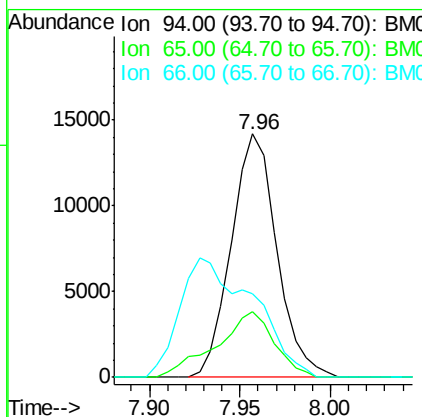
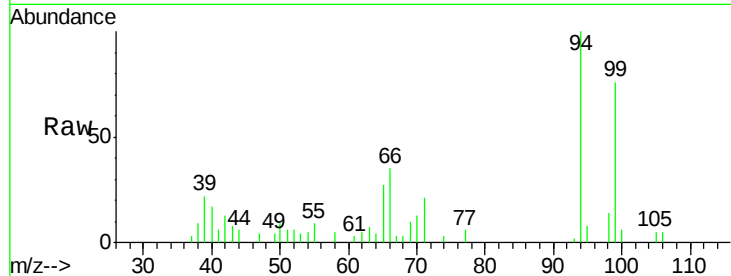
ClientSampleId :

MDL-06-S-ML

Tgt Ion:	94	Resp:	24878
Ion Ratio	Lower	Upper	
94	100		
65	27.1	23.7	35.5
66	34.6	31.3	46.9

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#8

Bis(2-Chloroethyl)ether

Concen: 2.82 ng/ul

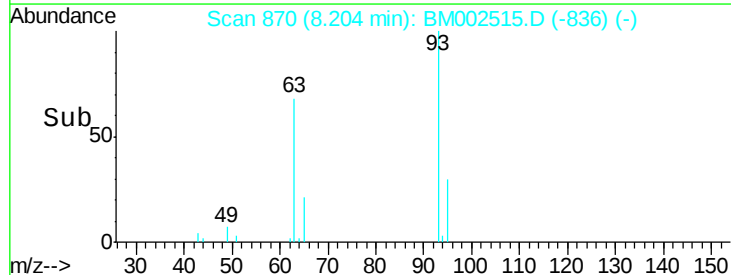
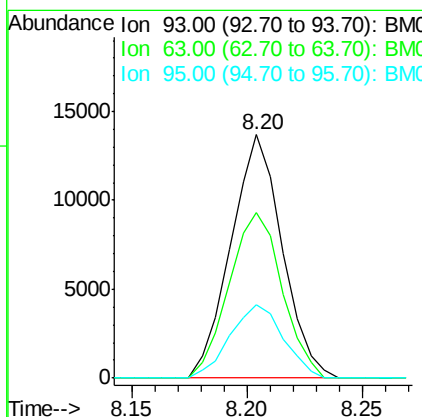
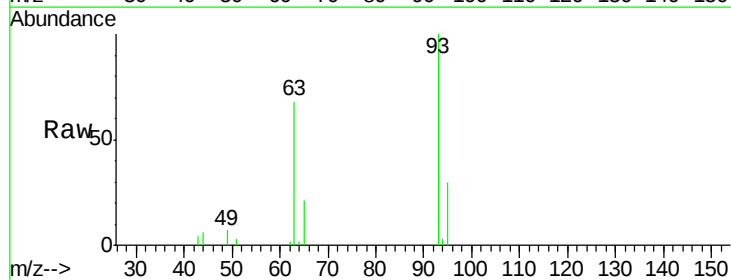
RT: 8.20 min Scan# 870

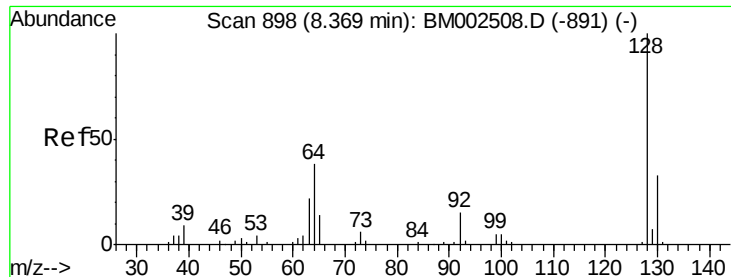
Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	93	Resp:	21204
Ion Ratio	Lower	Upper	
93	100		
63	68.1	64.6	97.0
95	30.2	26.6	40.0





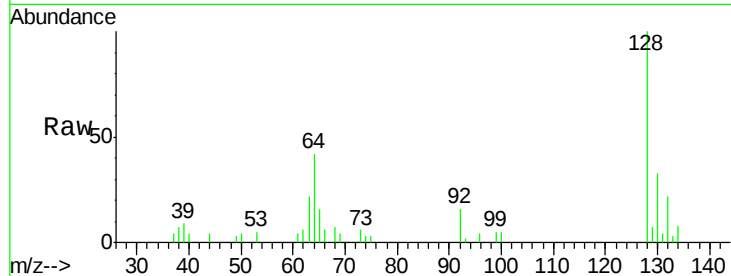
#10
2-Chlorophenol
Concen: 2.68 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

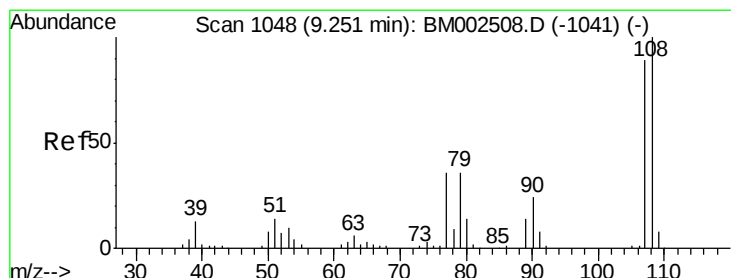
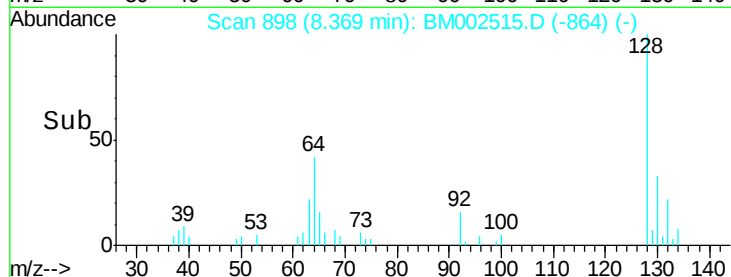
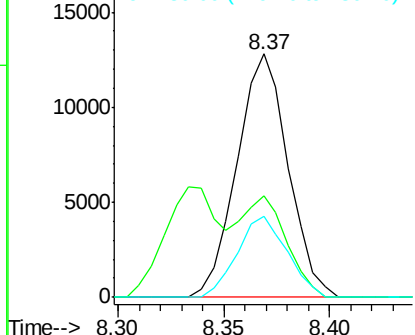
Tgt Ion	Ratio	Lower	Upper
128	100		
64	41.8	38.7	58.1
130	33.2	26.6	40.0

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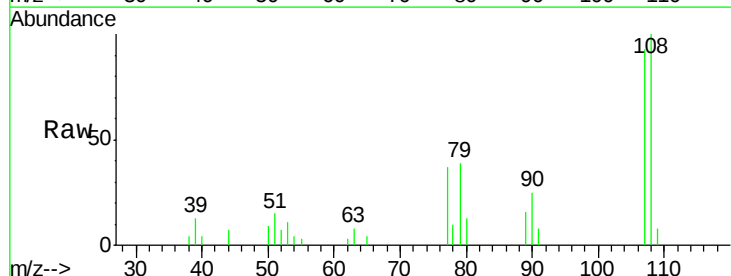


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

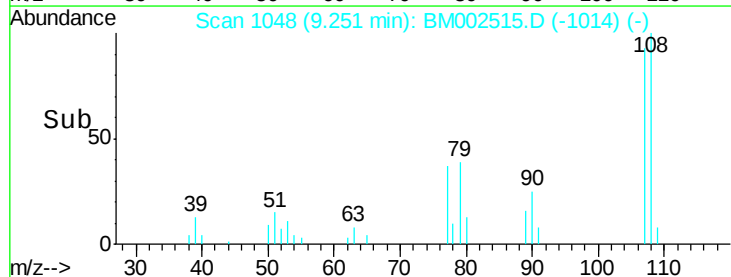
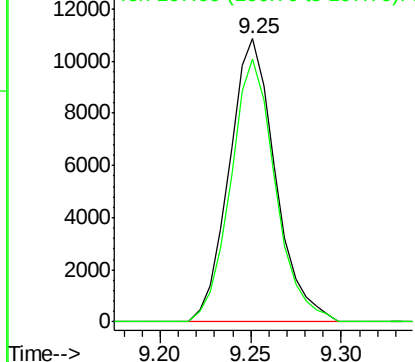


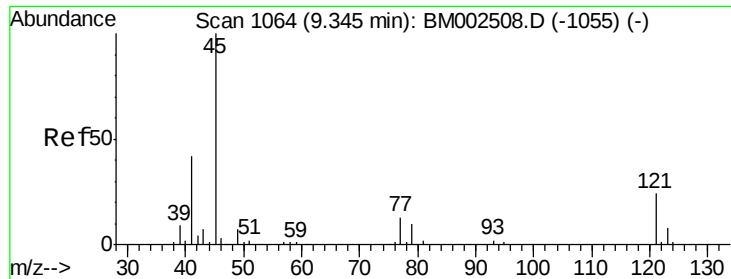
#11
2-Methylphenol
Concen: 2.50 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.8	72.0	108.0



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





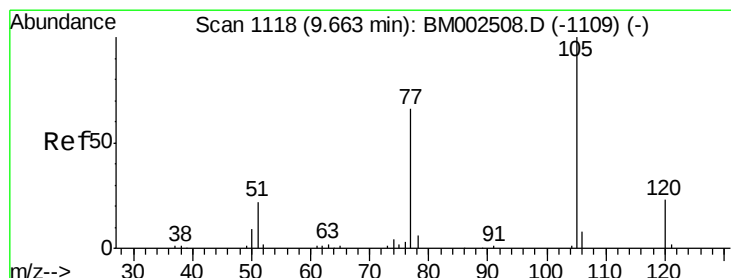
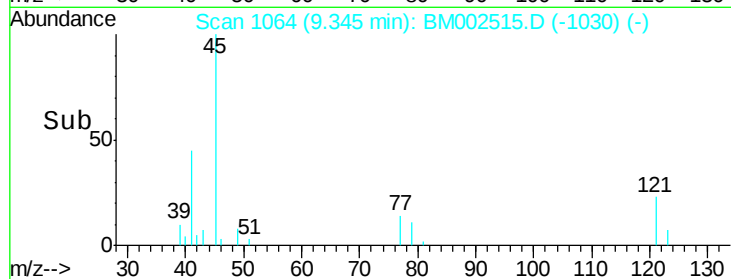
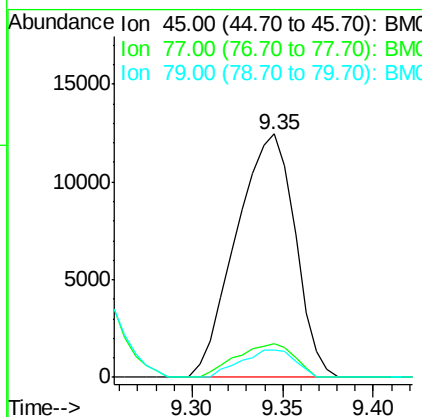
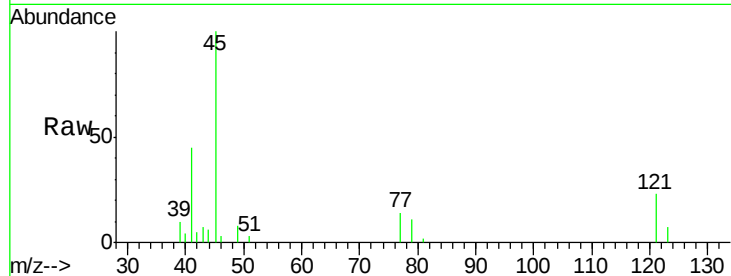
#12
2,2'-oxybis(1-chloropropane)
Concen: 2.10 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BM002515.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	9.4	14.2
79	11.1	7.5	11.3

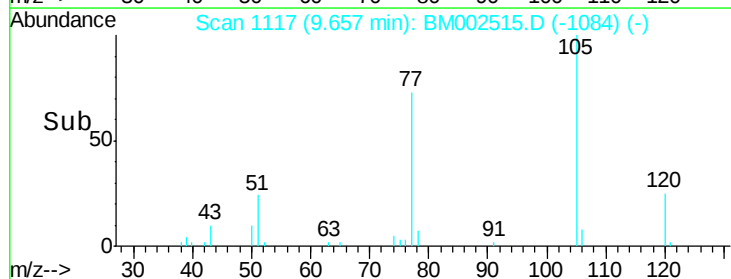
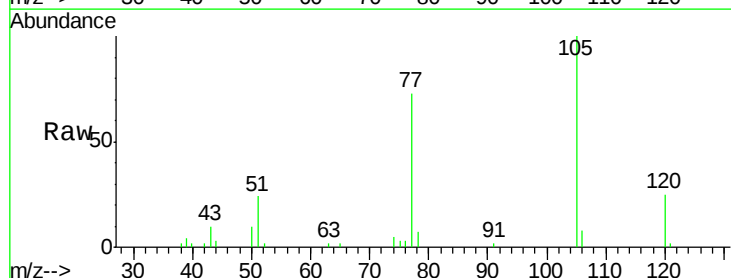
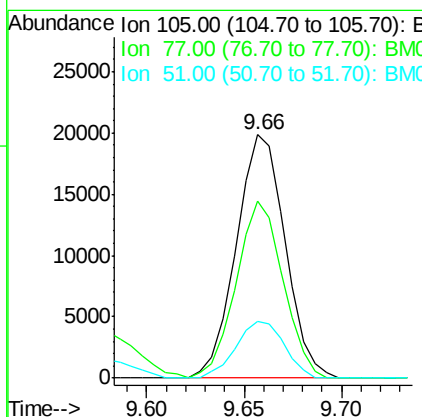
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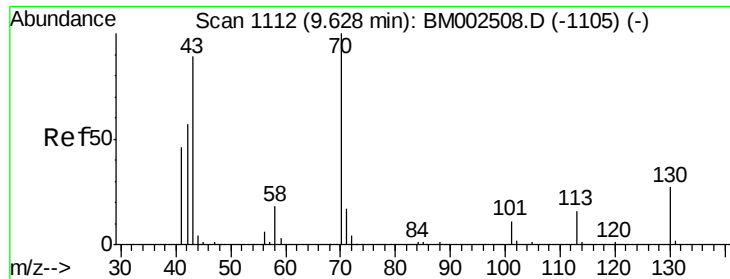
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#14
Acetophenone
Concen: 2.84 ng/ul
RT: 9.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
105	100		
77	72.9	59.4	89.0
51	23.6	23.4	35.0





#15

N-Nitroso-di-n-propylamine

Concen: 2.52 ng/ul

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM002515.D

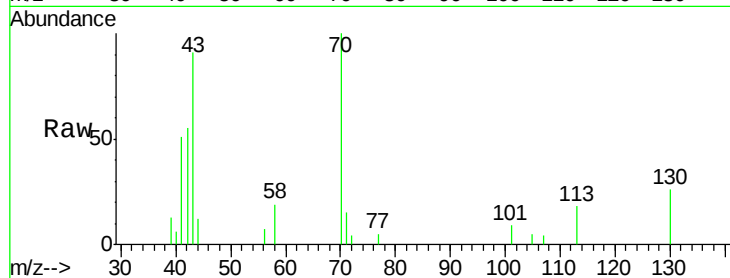
Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 70 Resp: 16409

Ion Ratio Lower Upper

70 100

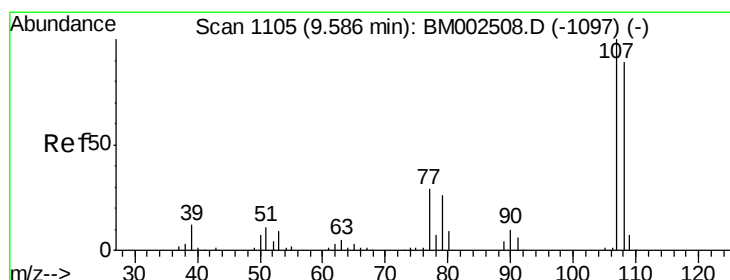
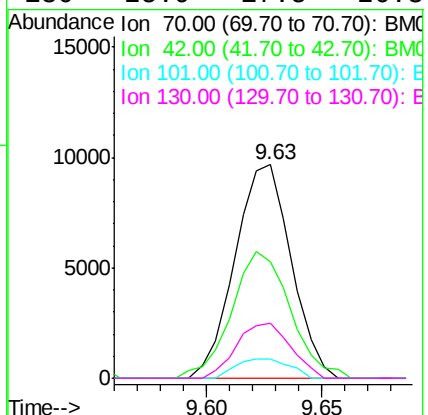
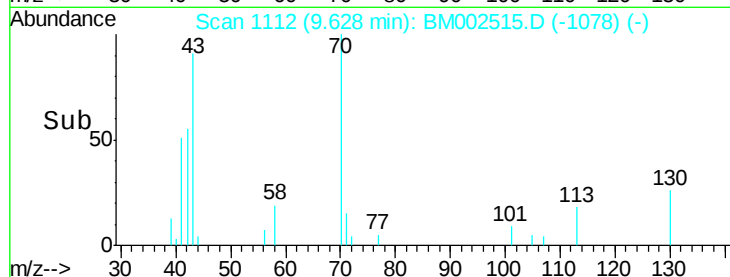
42 54.7 53.4 80.0

101 9.1 7.7 11.5

130 25.9 17.5 26.3

Manual Integrations
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#16

4-Methylphenol

Concen: 2.60 ng/ul

RT: 9.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM002515.D

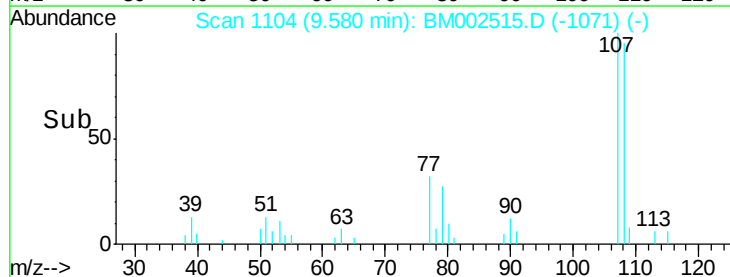
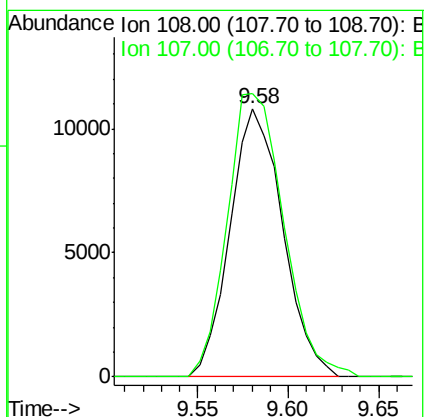
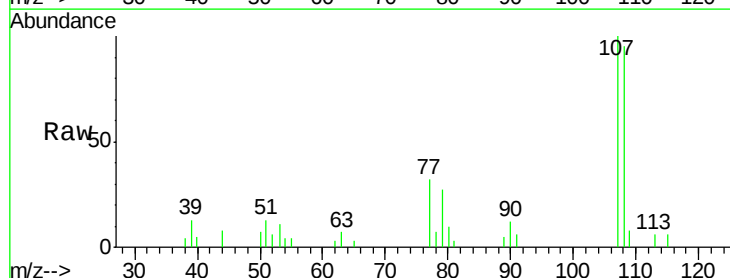
Acq: 20 Aug 2015 05:48

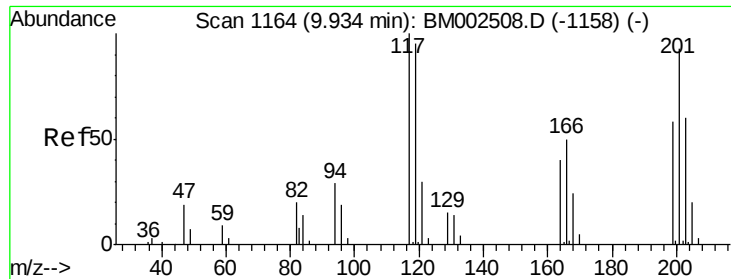
Tgt Ion: 108 Resp: 21951

Ion Ratio Lower Upper

108 100

107 105.5 90.9 136.3





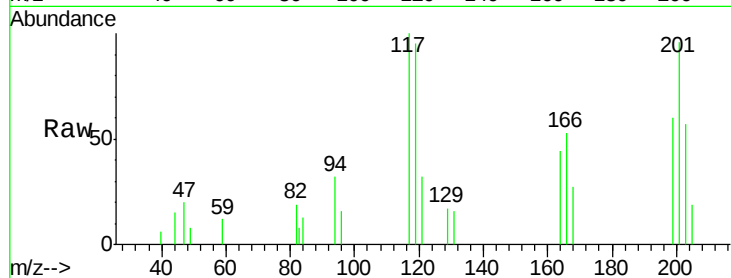
#17
Hexachloroethane
Concen: 2.49 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

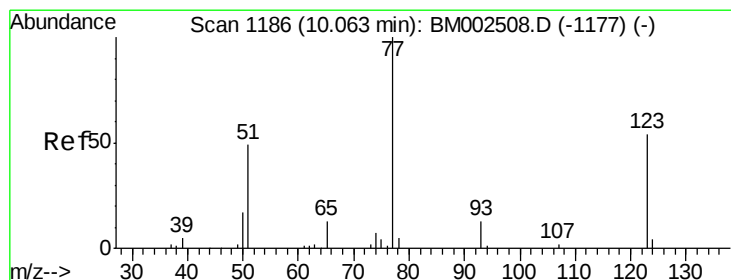
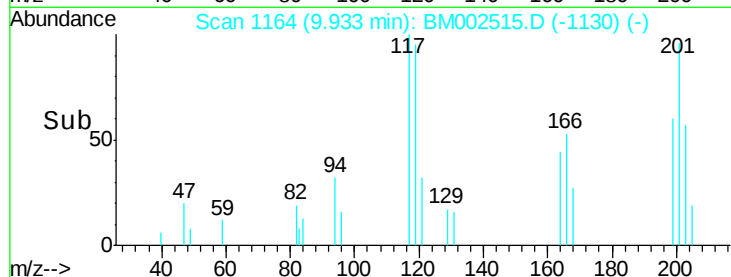
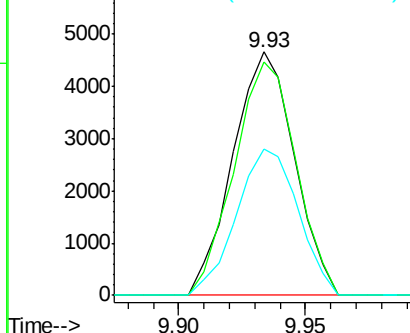
Tgt Ion:	117	Resp:	7873
Ion Ratio	Lower	Upper	
117	100		
201	95.6	71.5	107.3
199	60.2	44.9	67.3

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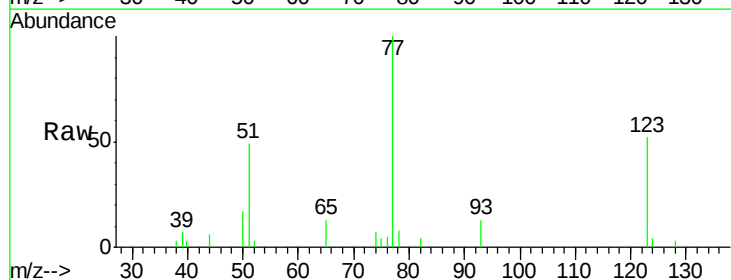


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

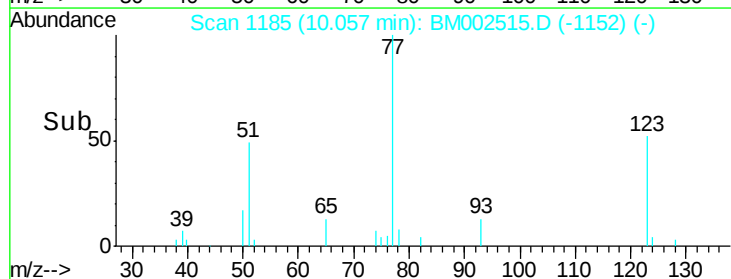
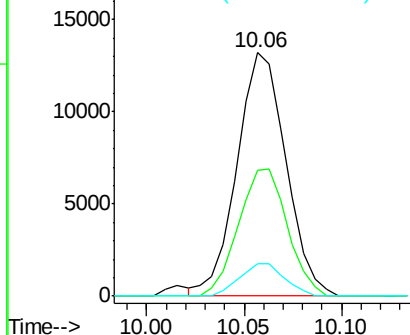


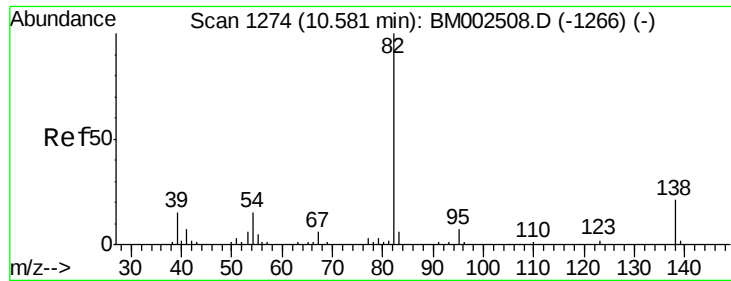
#20
Nitrobenzene
Concen: 2.60 ng/ul
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion:	77	Resp:	22971
Ion Ratio	Lower	Upper	
77	100		
123	51.6	37.0	55.6
65	13.1	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





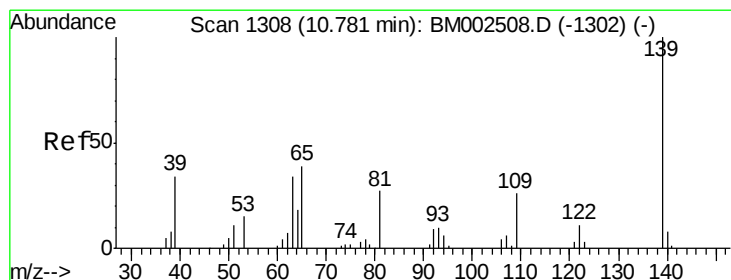
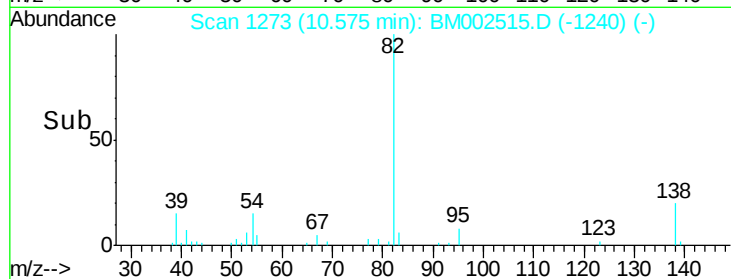
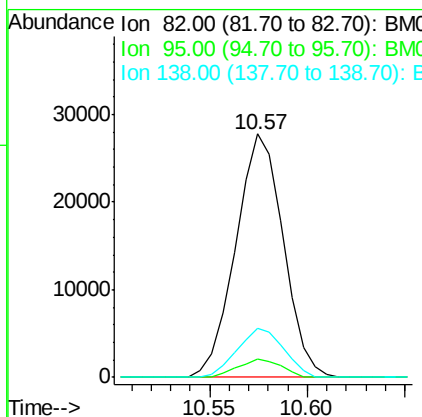
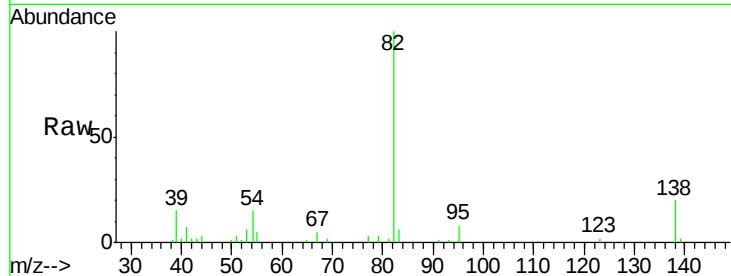
#21
Isophorone
Concen: 2.65 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	46820		
95	7.6	5.9	8.9	
138	20.1	15.0	22.4	

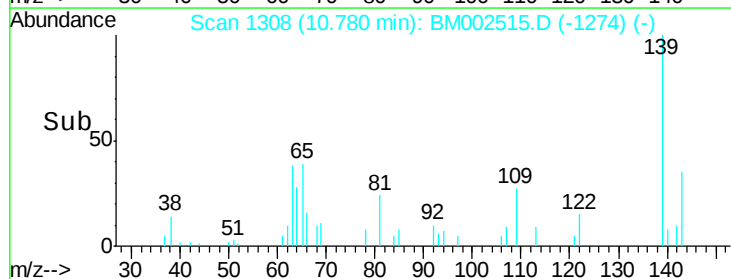
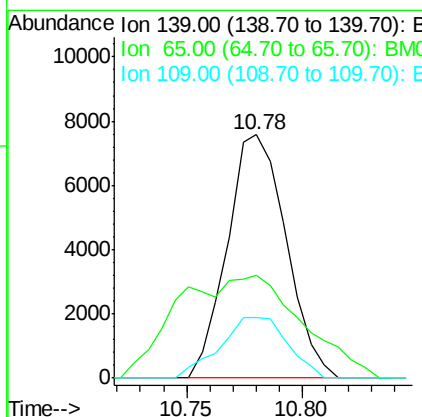
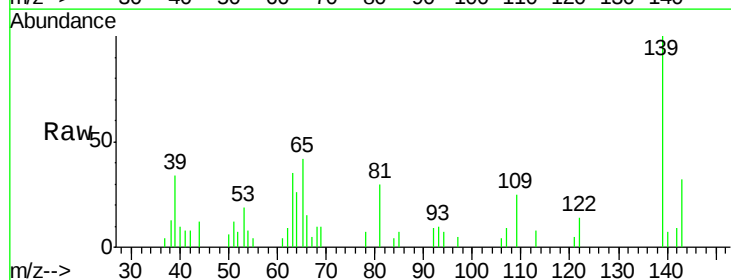
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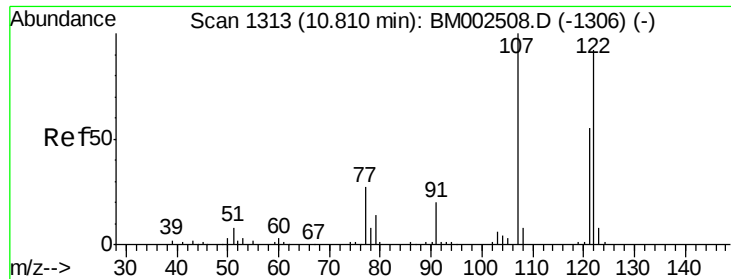
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#23
2-Nitrophenol
Concen: 3.50 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	13430		
65	42.4	43.0	64.6#	
109	25.1	23.8	35.8	





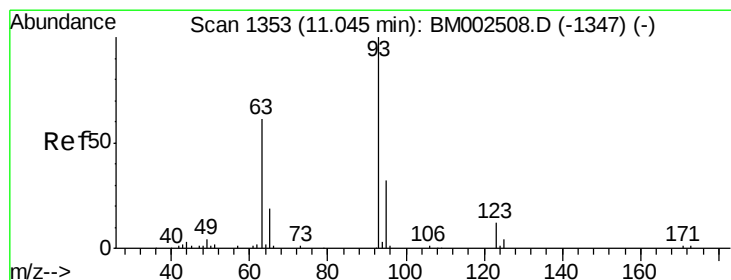
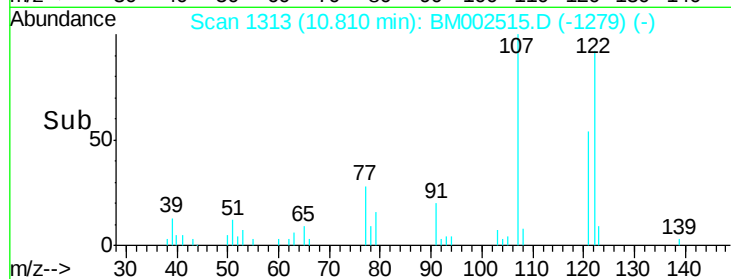
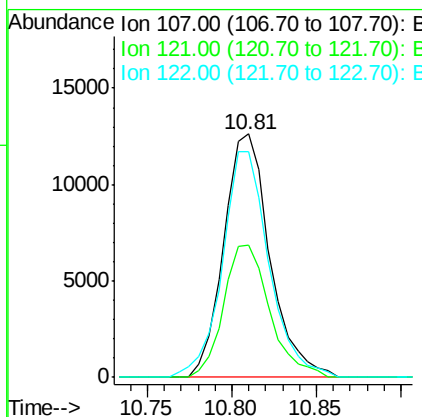
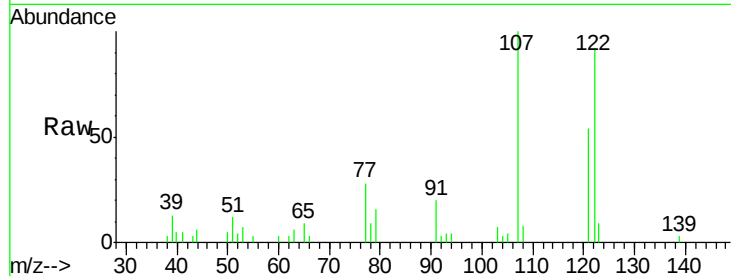
#24
 2,4-Dimethylphenol
 Concen: 2.56 ng/ul
 RT: 10.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion: 107 Resp: 24064
 Ion Ratio Lower Upper
 107 100
 121 54.2 41.8 62.6
 122 92.5 71.2 106.8

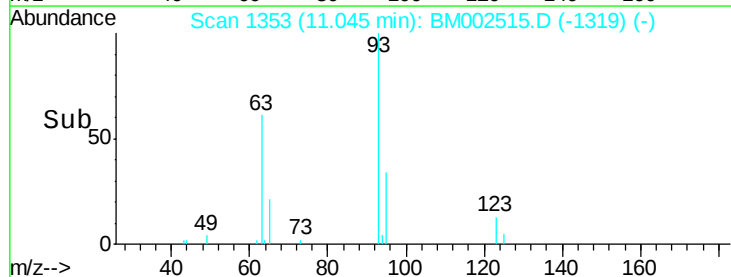
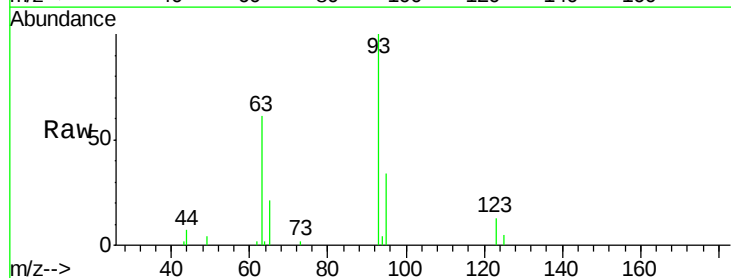
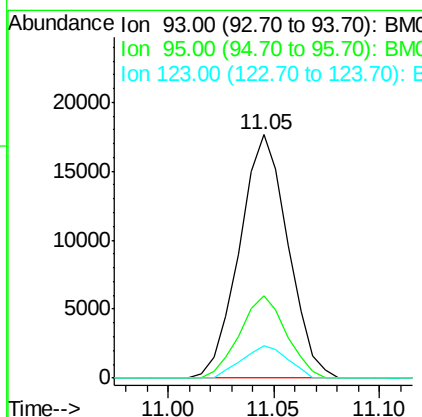
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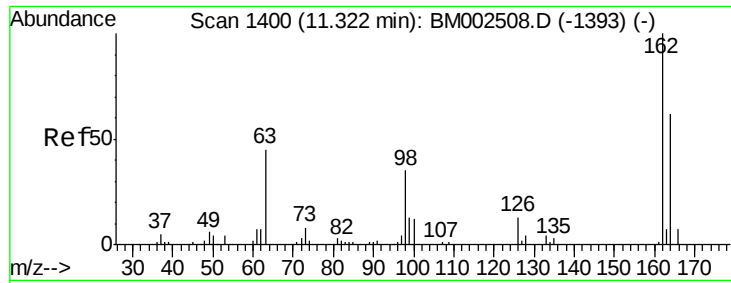
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.58 ng/ul
 RT: 11.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion: 93 Resp: 28177
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.8 38.8
 123 13.4 9.3 13.9





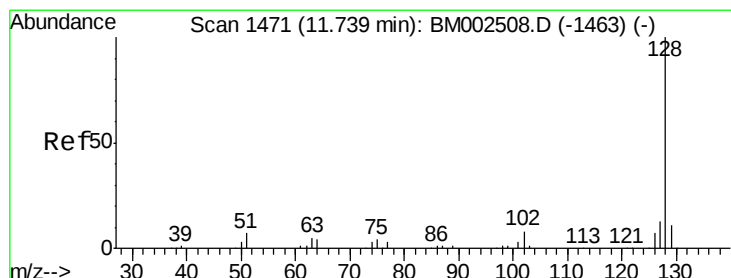
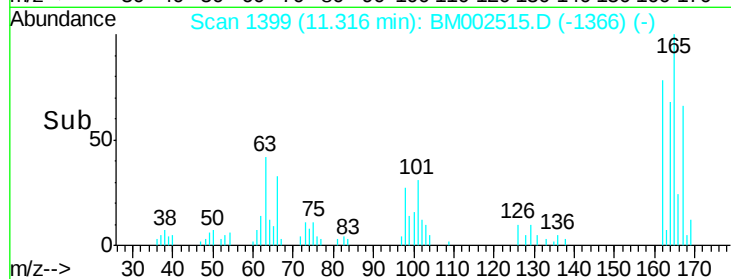
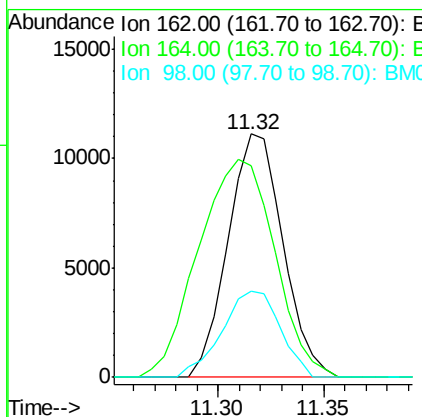
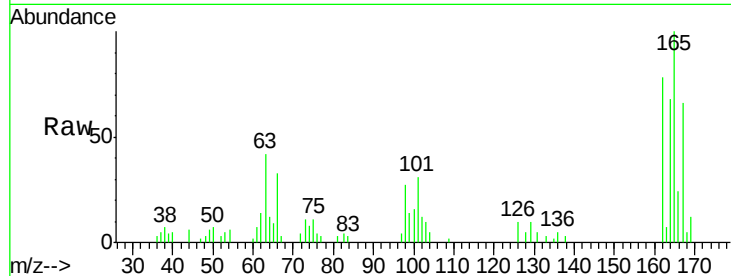
#27
 2,4-Dichlorophenol
 Concen: 2.83 ng/ul
 RT: 11.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	20093		
164	86.9	52.9	79.3#	
98	35.3	31.4	47.0	

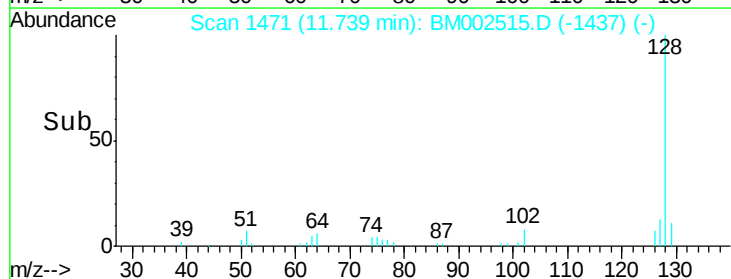
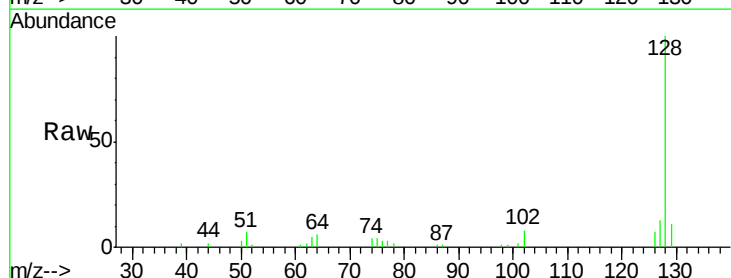
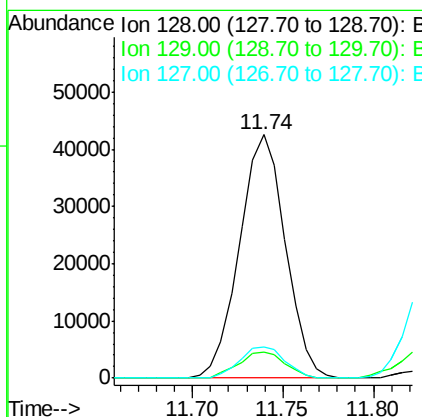
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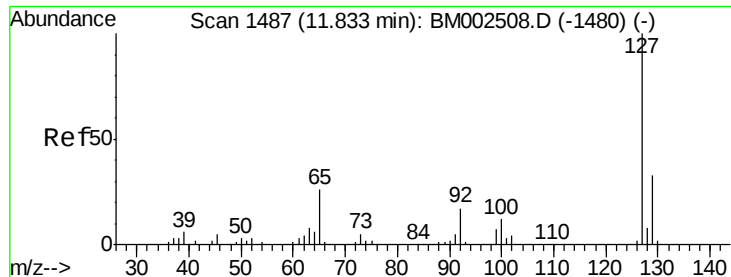
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#28
 Naphthalene
 Concen: 2.80 ng/ul
 RT: 11.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	74831		
129	10.5	8.6	12.8	
127	12.9	10.4	15.6	





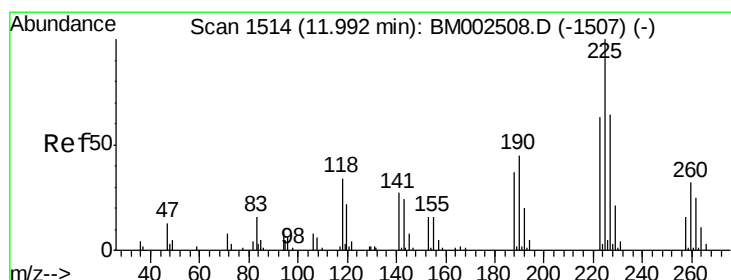
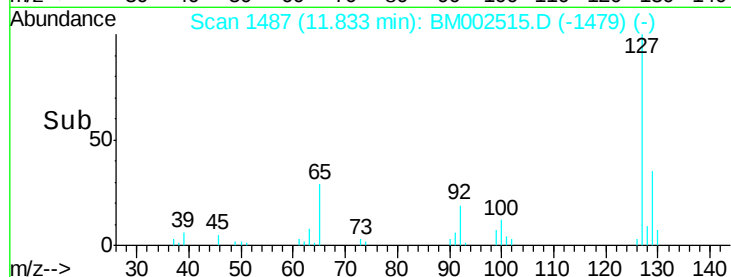
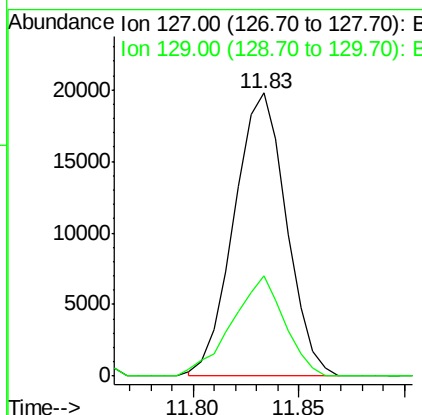
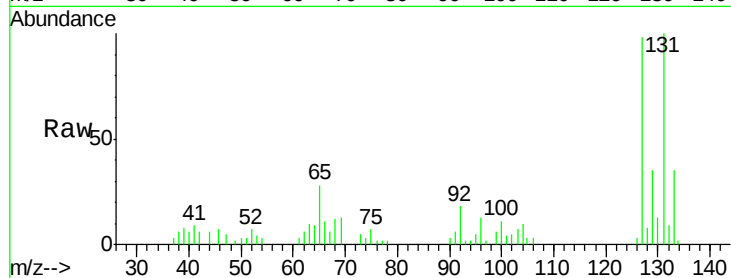
#30
 4-Chloroaniline
 Concen: 3.50 ng/ul
 RT: 11.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion:127 Resp: 34061
 Ion Ratio Lower Upper
 127 100
 129 35.3 26.6 39.8

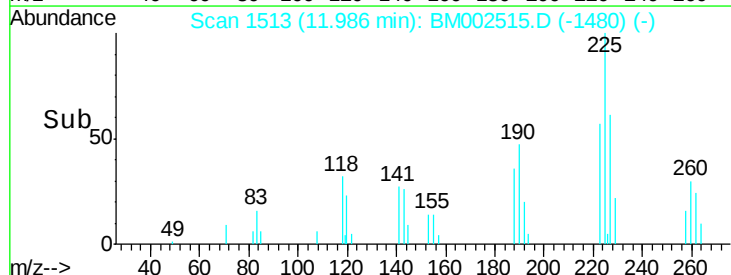
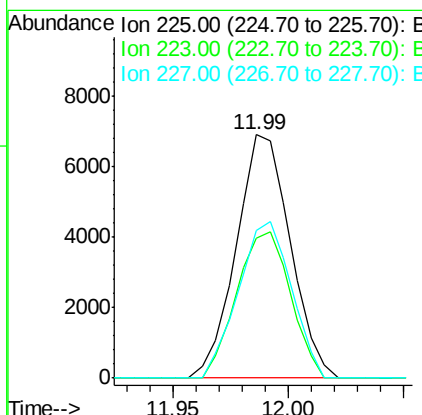
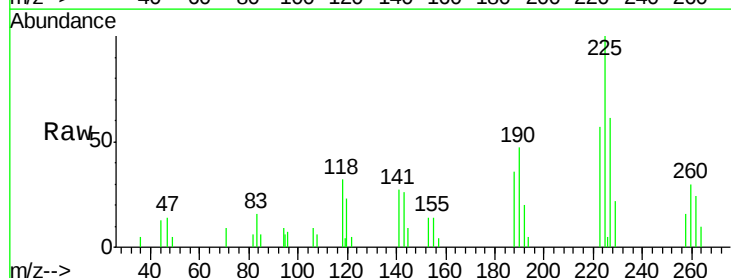
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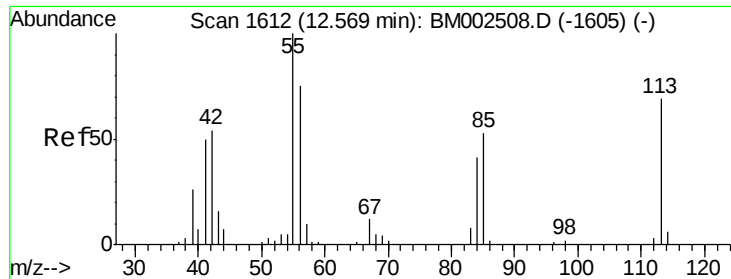
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#31
 Hexachlorobutadiene
 Concen: 2.75 ng/ul
 RT: 11.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion:225 Resp: 11276
 Ion Ratio Lower Upper
 225 100
 223 57.4 51.0 76.4
 227 60.6 52.1 78.1





#32

Caprolactam

Concen: 2.74 ng/ul m

RT: 12.59 min Scan# 1615

Delta R.T. 0.02 min

Lab File: BM002515.D

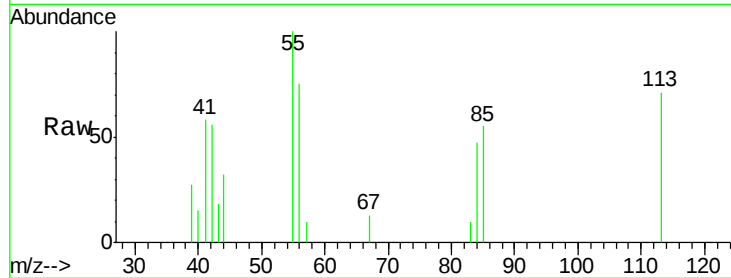
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Instrument :

BNA_M

ClientSampleId :

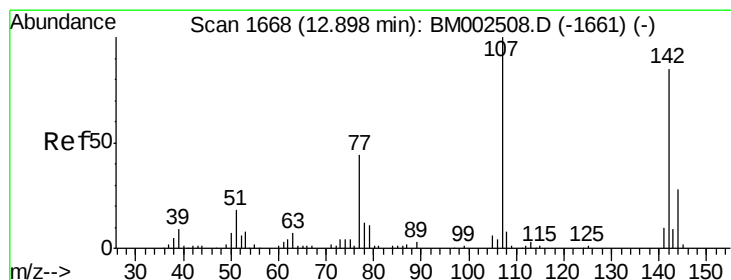
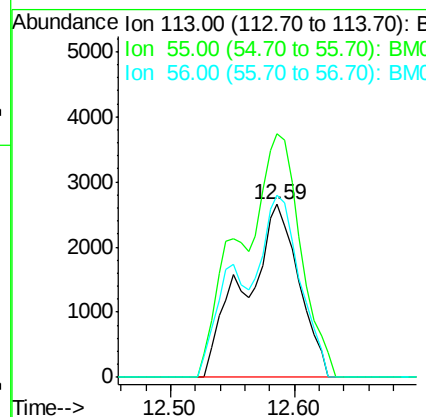
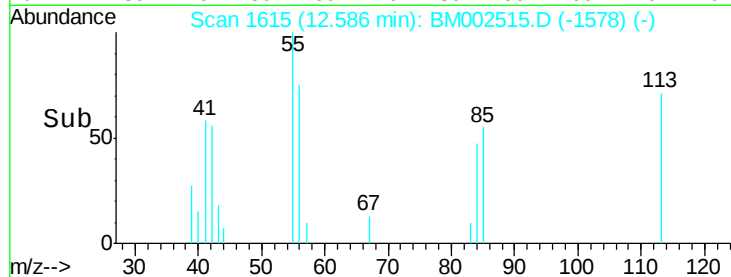
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Tgt Ion:	113	Resp:	8040
Ion Ratio	Lower	Upper	
113	100		
55	141.0	152.5	228.7#
56	105.8	111.4	167.0#

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#33

4-Chloro-3-methylphenol

Concen: 2.58 ng/ul

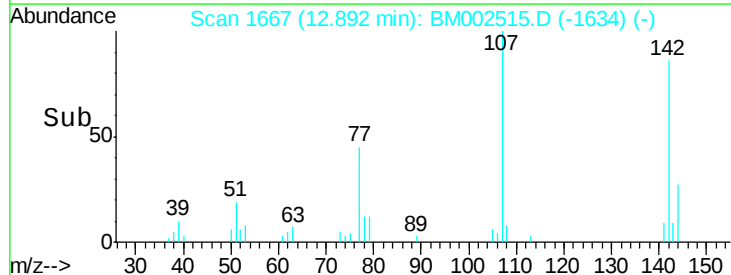
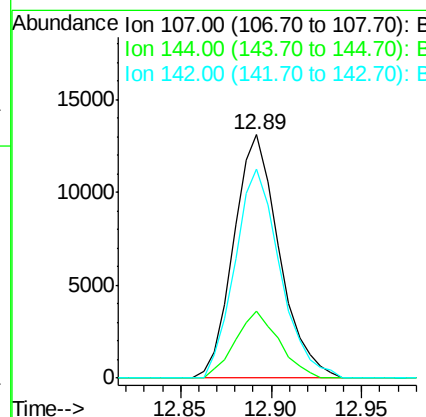
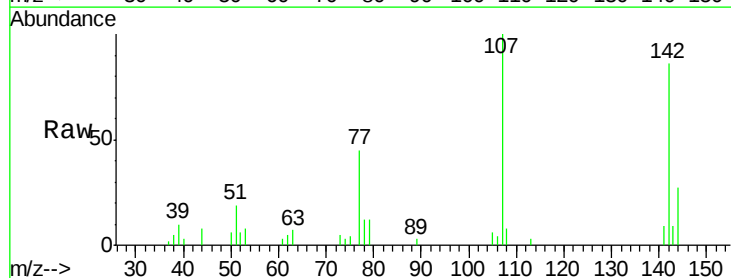
RT: 12.89 min Scan# 1667

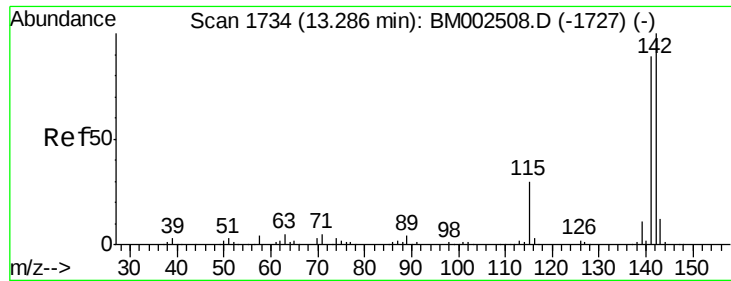
Delta R.T. -0.01 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	107	Resp:	22931
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.3	30.5
142	85.8	63.1	94.7





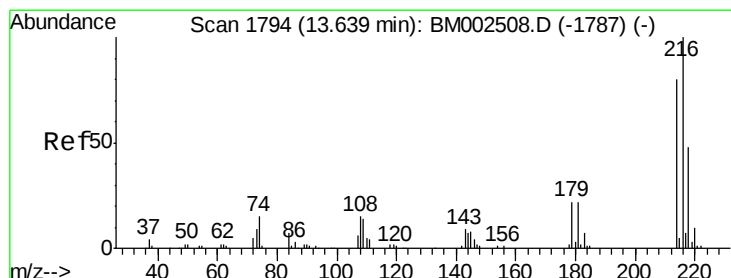
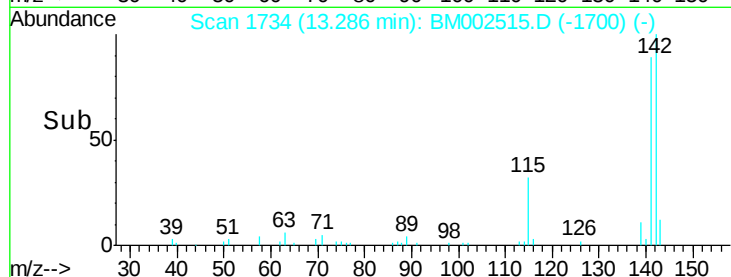
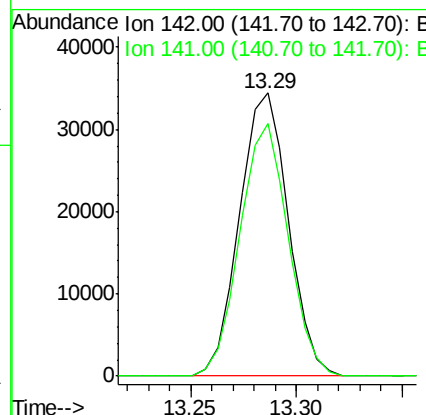
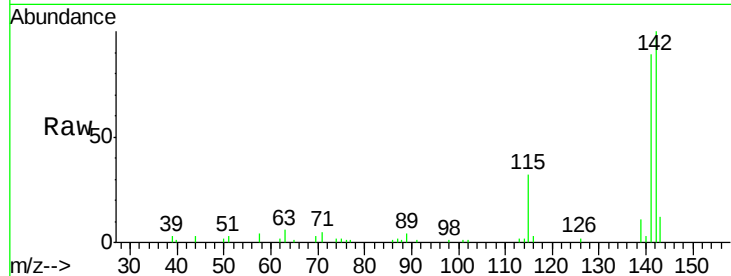
#34
 2-Methylnaphthalene
 Concen: 2.89 ng/ul
 RT: 13.29 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion:142 Resp: 55329
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.5 108.7

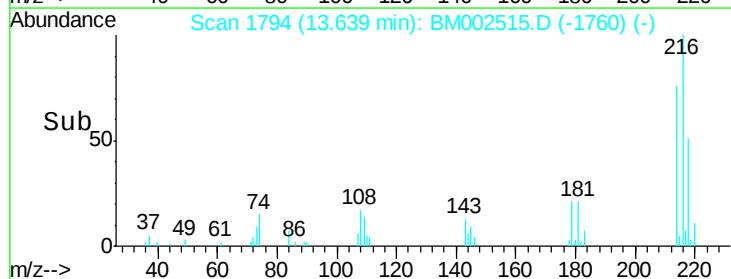
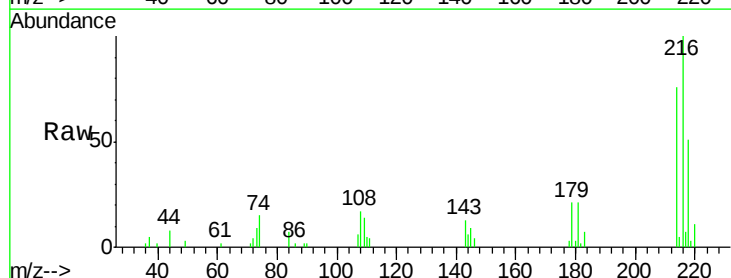
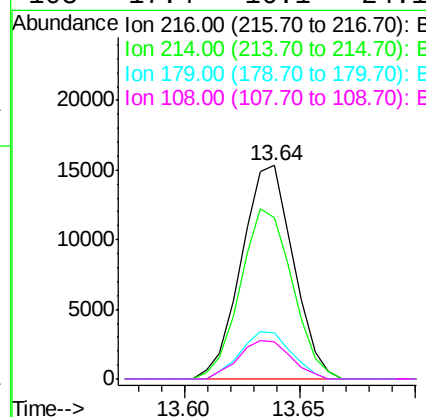
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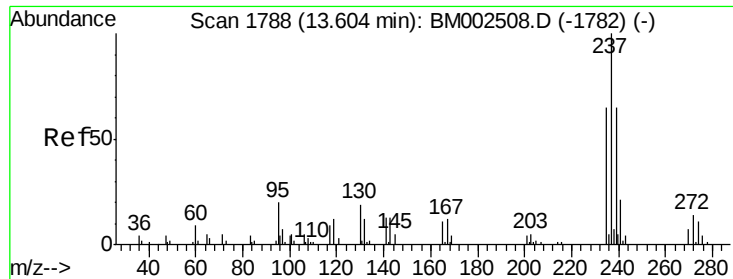
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.88 ng/ul
 RT: 13.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion:216 Resp: 24081
 Ion Ratio Lower Upper
 216 100
 214 75.6 63.1 94.7
 179 21.4 18.9 28.3
 108 17.4 16.1 24.1





#38

Hexachlorocyclopentadiene

Concen: 0.97 ng/ul

RT: 13.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

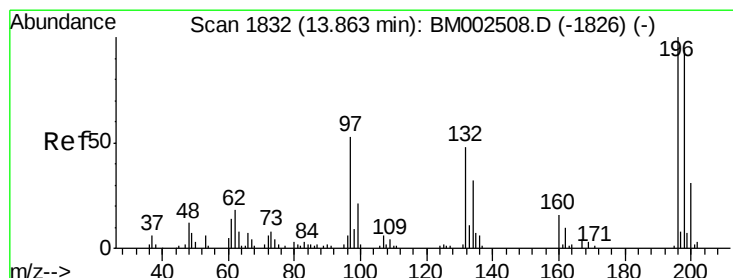
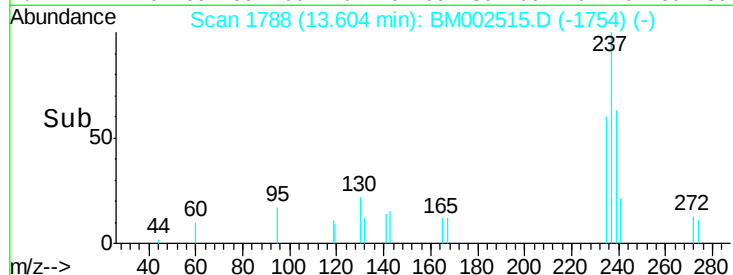
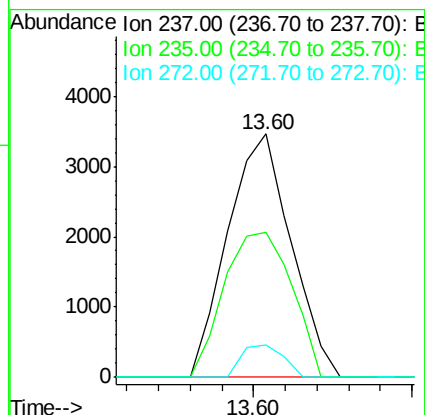
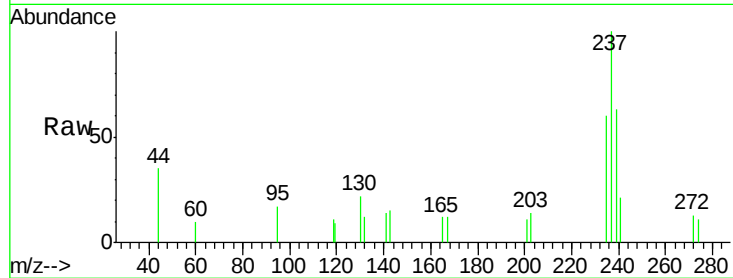
ClientSampleId :

MDL-06-S-ML

Tgt Ion:	237	Resp:	4803
Ion Ratio	Lower	Upper	
237	100		
235	59.8	51.0	76.6
272	13.5	10.8	16.2

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#39

2,4,6-Trichlorophenol

Concen: 2.91 ng/ul

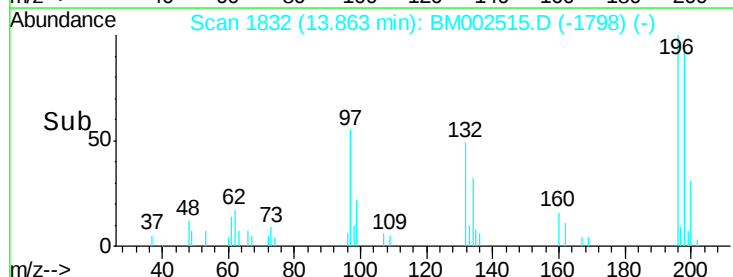
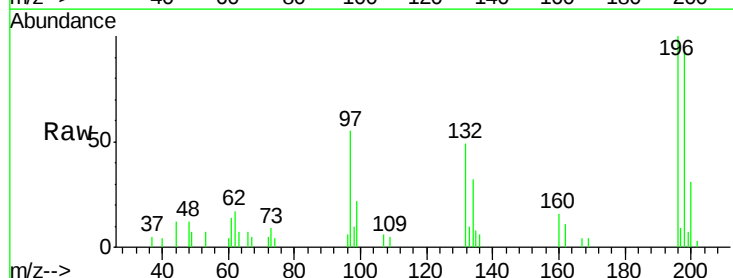
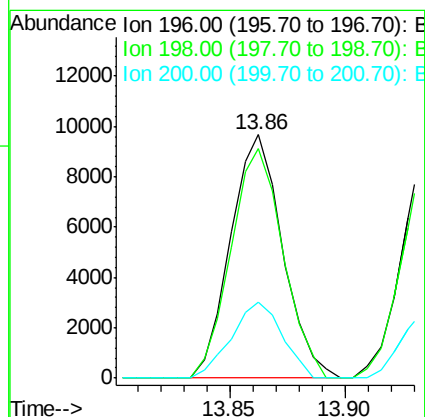
RT: 13.86 min Scan# 1832

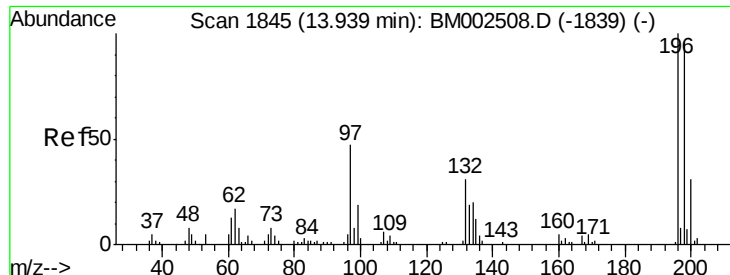
Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	196	Resp:	15126
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.1	115.7
200	31.2	24.8	37.2





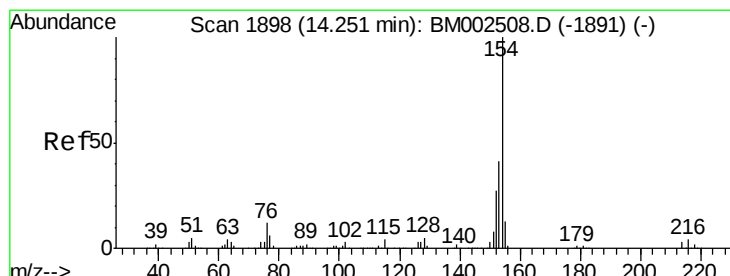
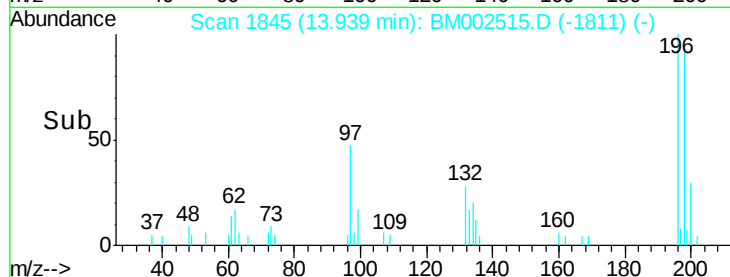
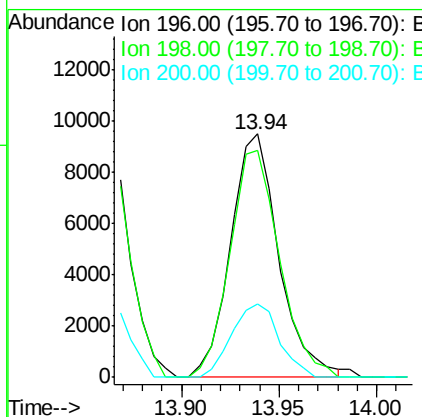
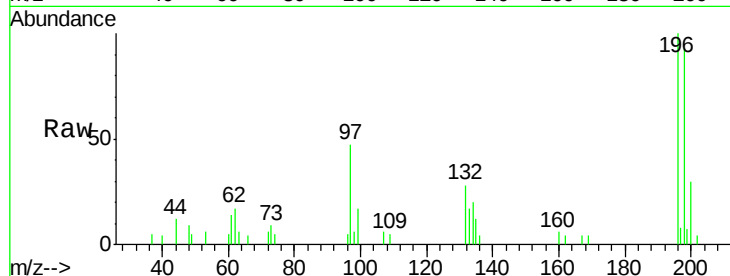
#40
 2,4,5-Trichlorophenol
 Concen: 2.79 ng/ul
 RT: 13.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	16297		
198	93.4	78.6	117.8	
200	30.0	25.0	37.4	

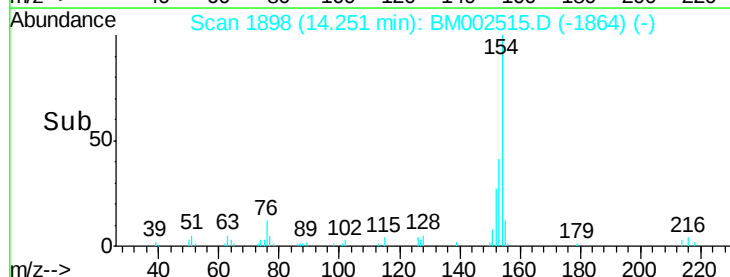
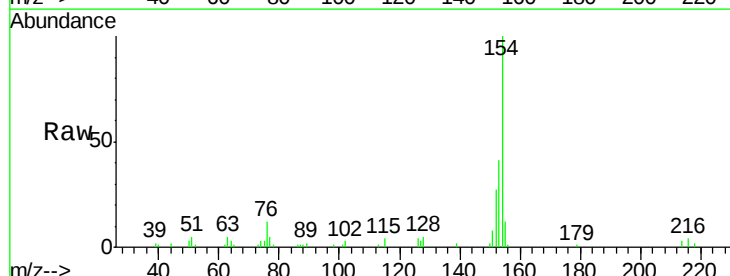
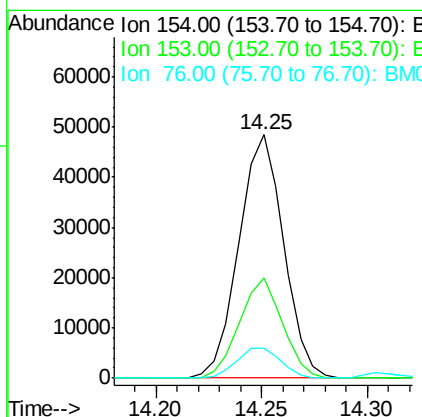
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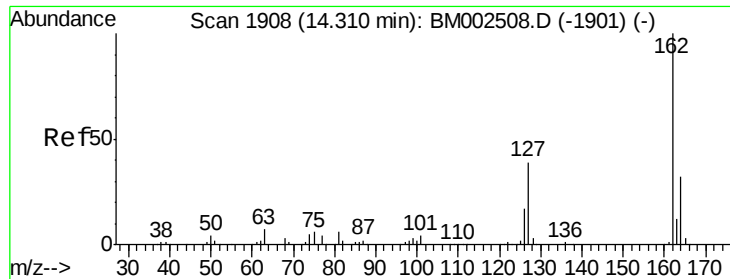
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#41
 1,1'-Biphenyl
 Concen: 2.89 ng/ul
 RT: 14.25 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	71177		
153	41.3	32.1	48.1	
76	12.4	11.0	16.4	





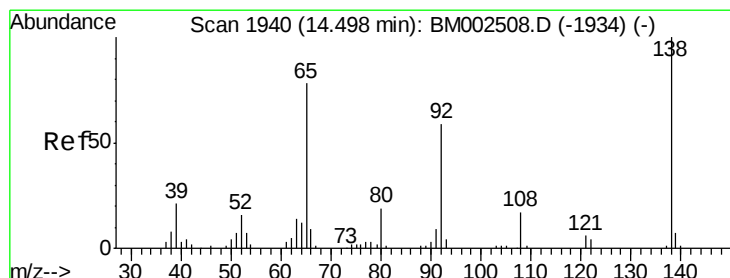
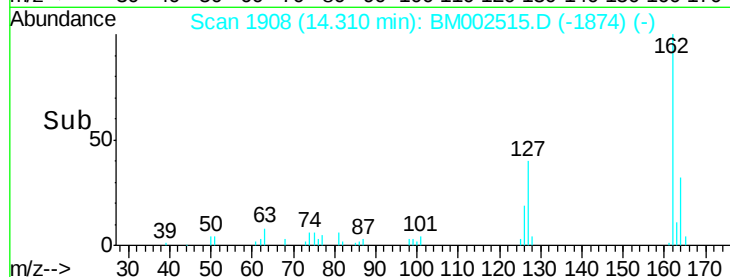
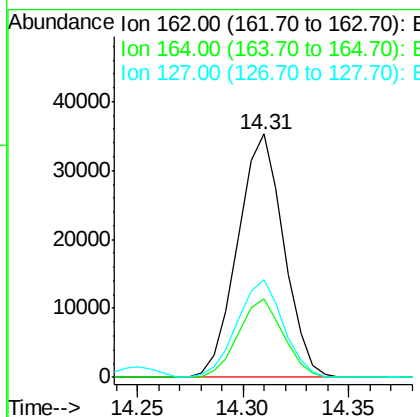
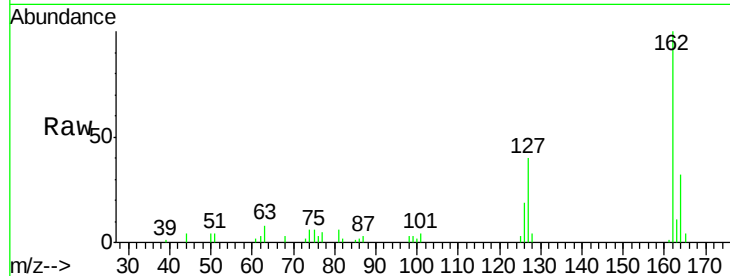
#42
 2-Chloronaphthalene
 Concen: 2.86 ng/ul
 RT: 14.31 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.3	26.7	40.1
127	40.1	33.6	50.4

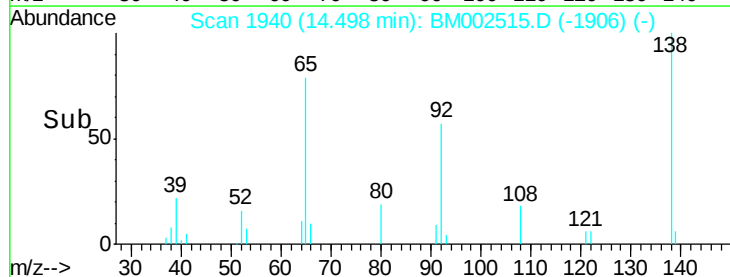
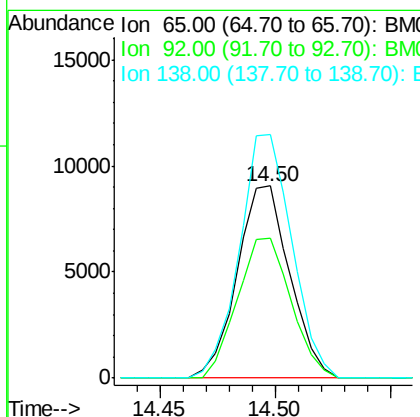
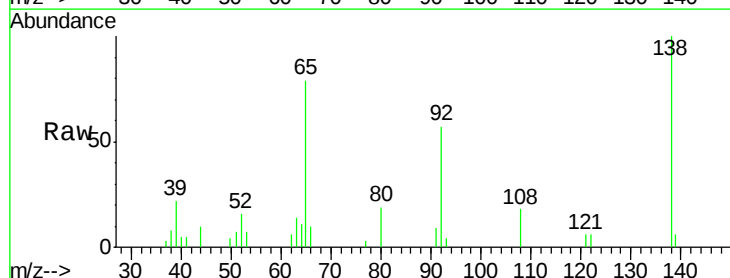
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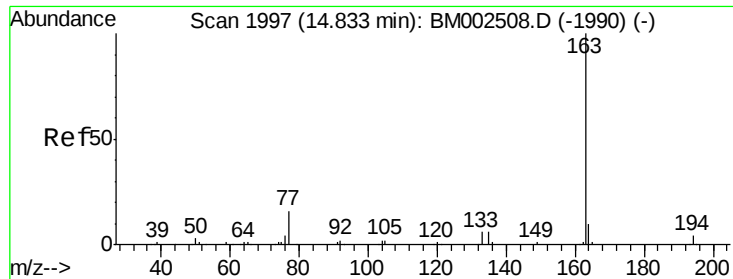
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#43
 2-Nitroaniline
 Concen: 2.54 ng/ul
 RT: 14.50 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	54.0	81.0
138	126.8	83.1	124.7





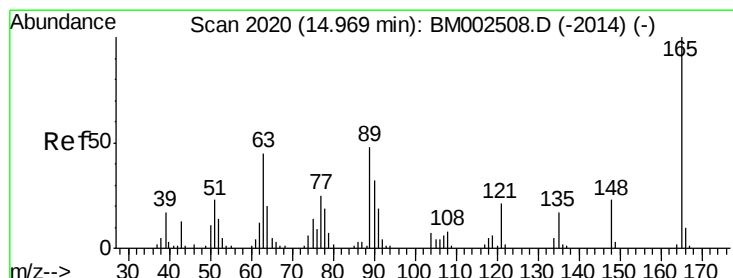
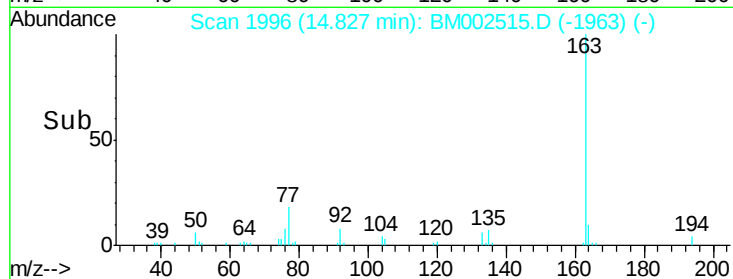
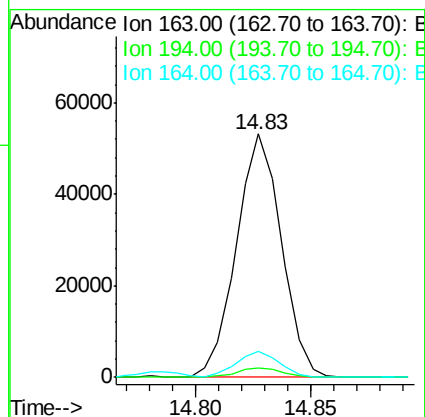
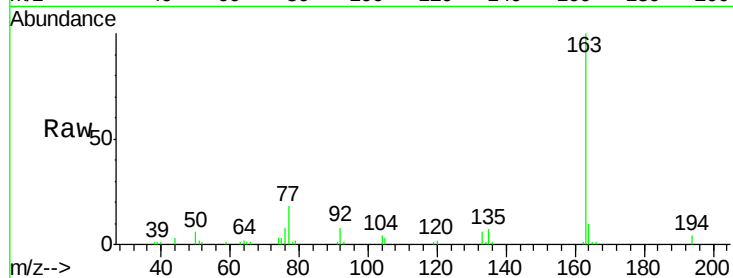
#45
Dimethylphthalate
Concen: 2.96 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	72366		
194	3.9		3.2	4.8
164	10.4		7.9	11.9

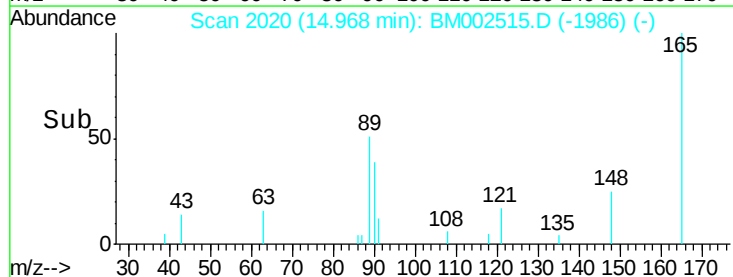
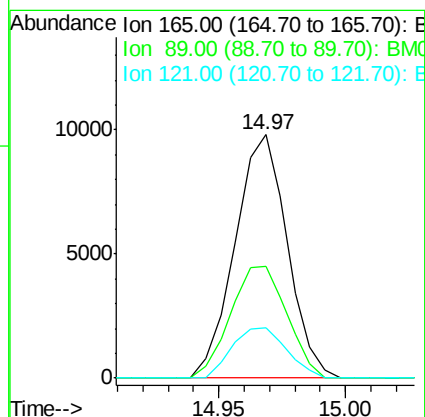
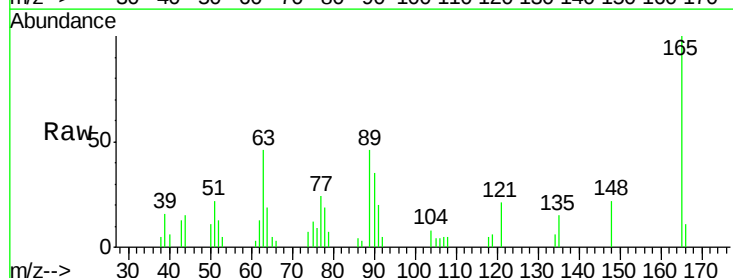
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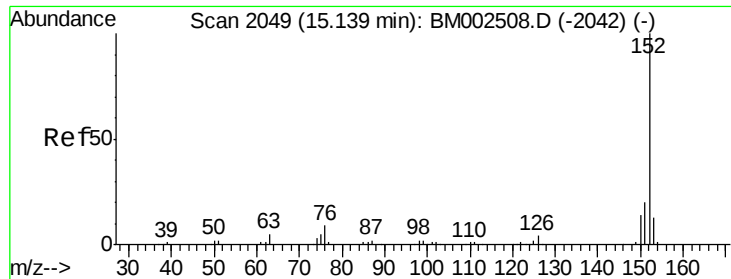
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#46
2,6-Dinitrotoluene
Concen: 3.07 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	14053		
89	45.9		46.6	69.8#
121	20.6		19.0	28.4





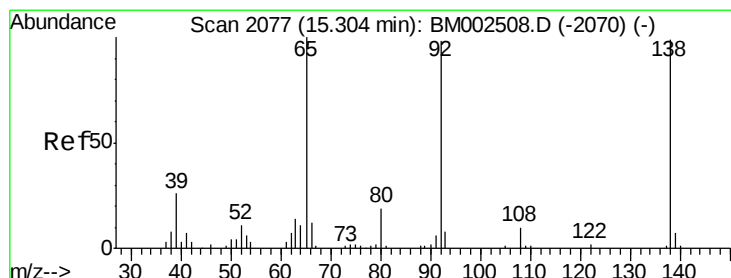
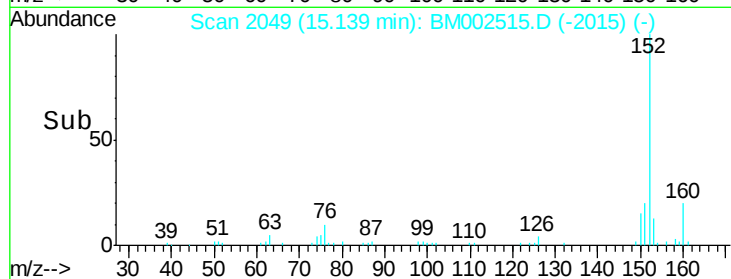
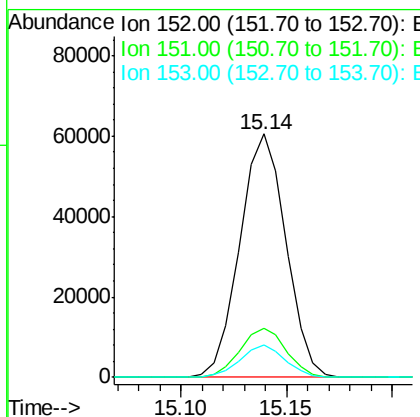
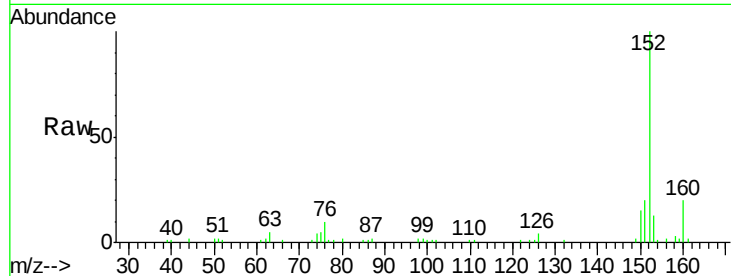
#48
Acenaphthylene
Concen: 2.92 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	91467		
151	20.3		15.9	23.9
153	13.1		10.6	15.8

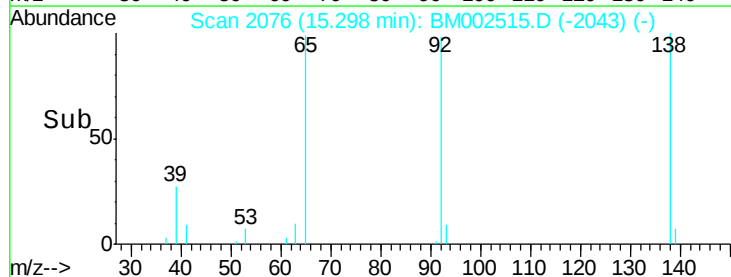
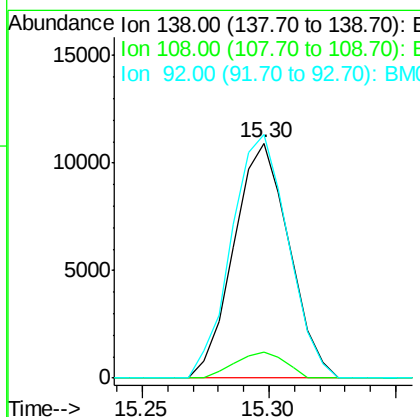
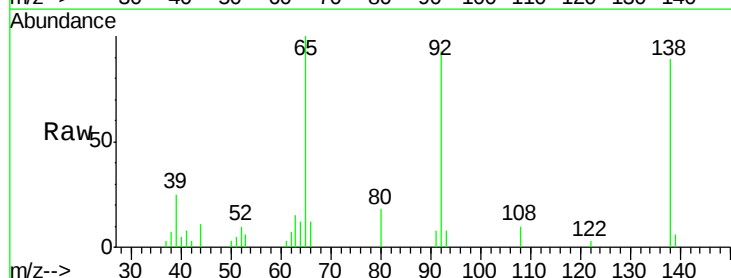
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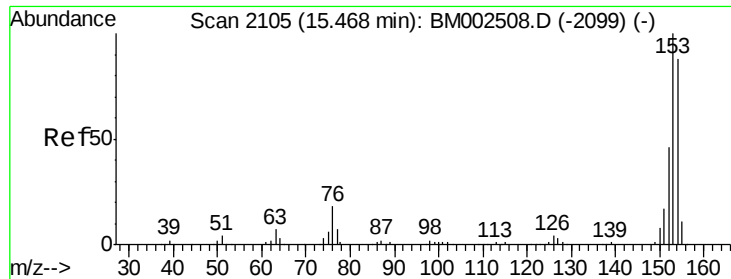
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#49
3-Nitroaniline
Concen: 3.36 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	16624		
108	11.3		11.7	17.5#
92	103.6		94.3	141.5





#50

Acenaphthene

Concen: 2.87 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM002515.D

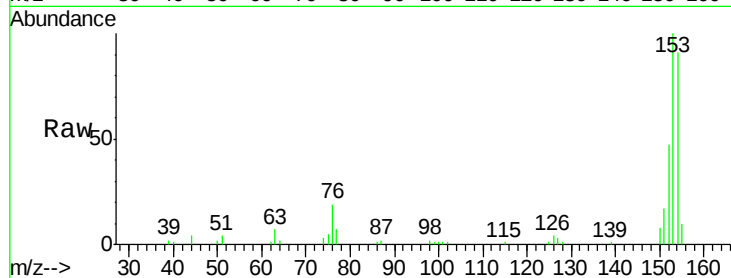
Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

ClientSampleId :

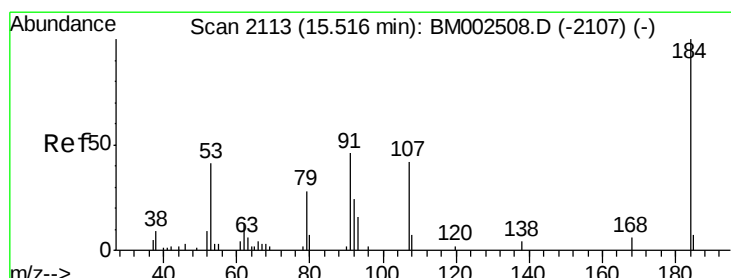
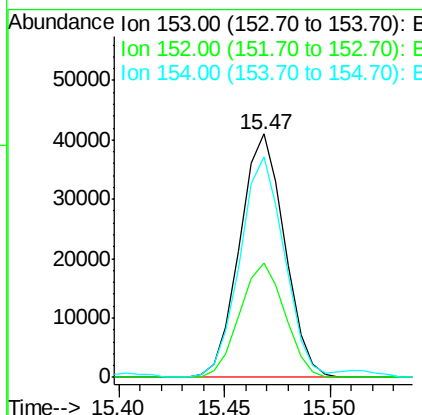
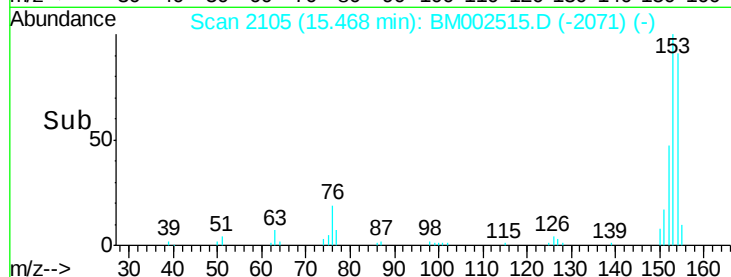
MDL-06-S-ML



Tgt Ion:	153	Resp:	60446
Ion Ratio	Lower	Upper	
153	100		
152	47.2	36.6	55.0
154	90.6	71.5	107.3

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#51

2,4-Dinitrophenol

Concen: 1.82 ng/ul

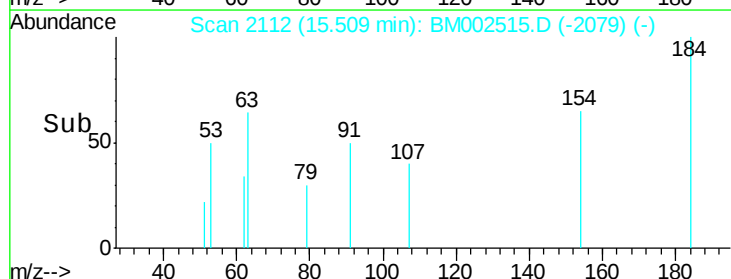
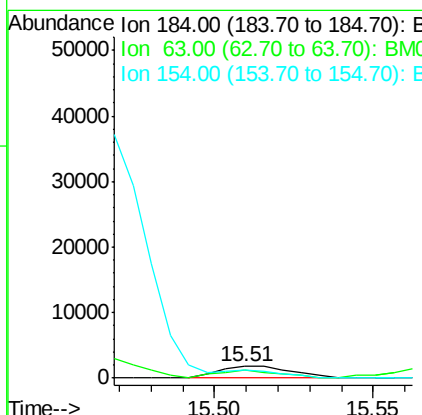
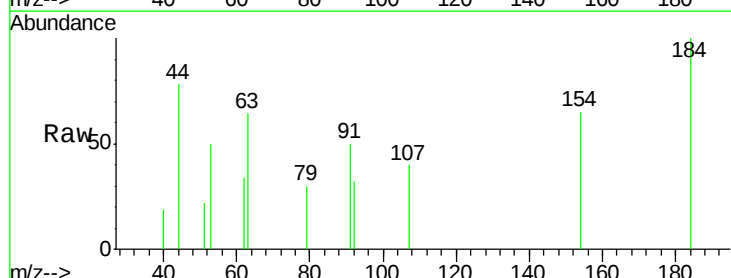
RT: 15.51 min Scan# 2112

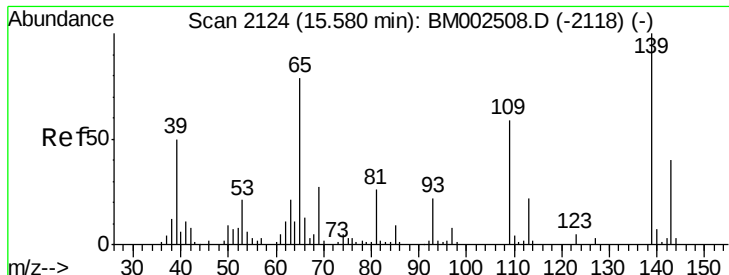
Delta R.T. -0.01 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	184	Resp:	2876
Ion Ratio	Lower	Upper	
184	100		
63	64.3	94.8	142.2#
154	65.3	525.6	788.4#





#53

4-Nitrophenol

Concen: 2.76 ng/ul

RT: 15.58 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BM002515.D

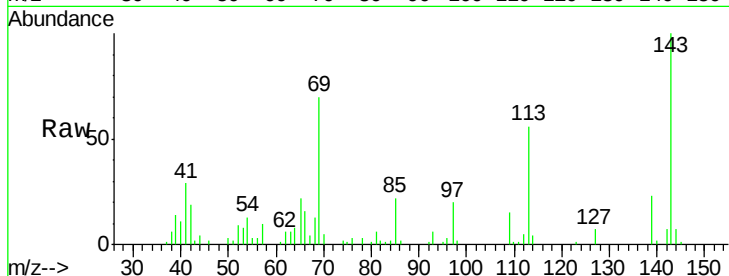
Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

ClientSampleId :

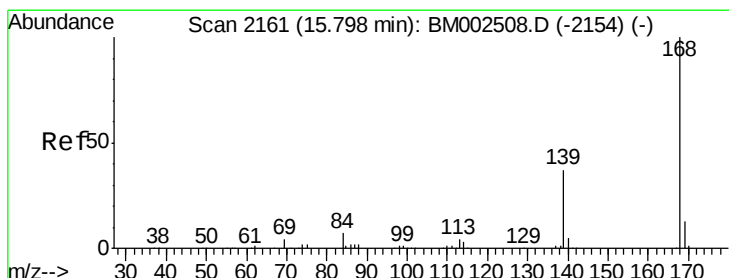
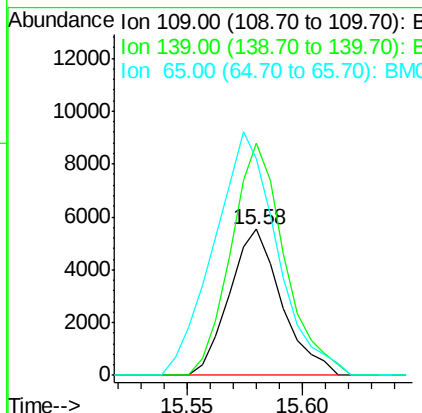
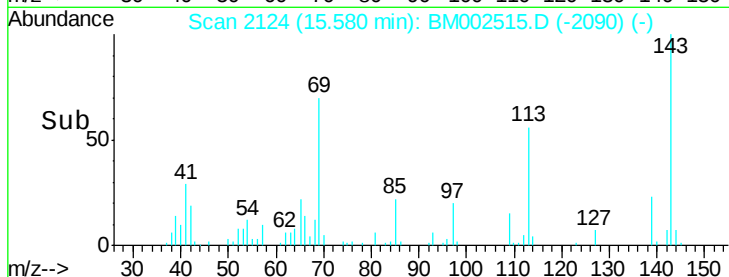
MDL-06-S-ML



Tgt Ion:	109	Resp:	8751
Ion Ratio	Lower	Upper	
109	100		
139	159.0	118.7	178.1
65	148.7	116.6	174.8

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#54

Dibenzofuran

Concen: 2.97 ng/ul

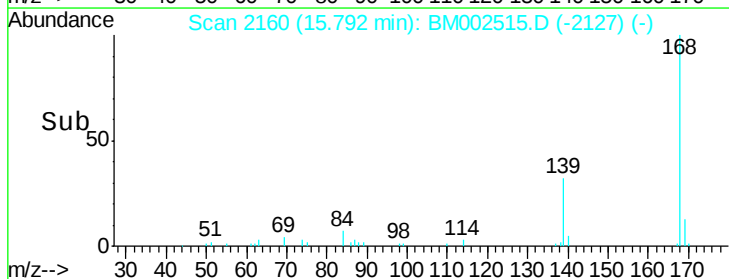
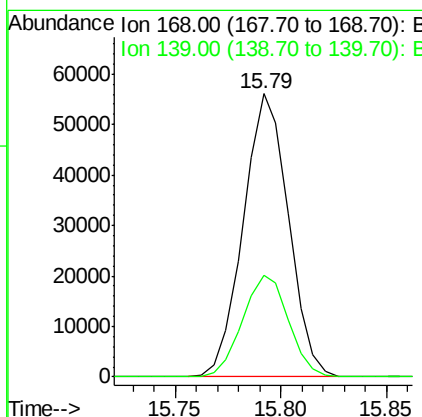
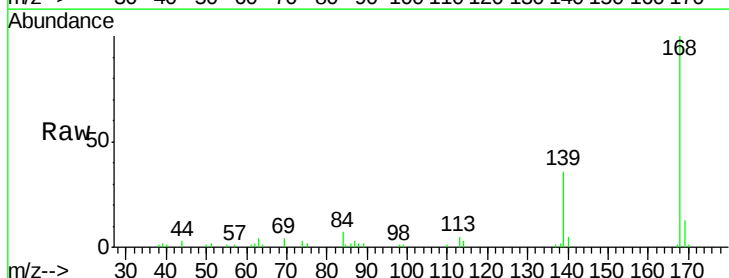
RT: 15.79 min Scan# 2160

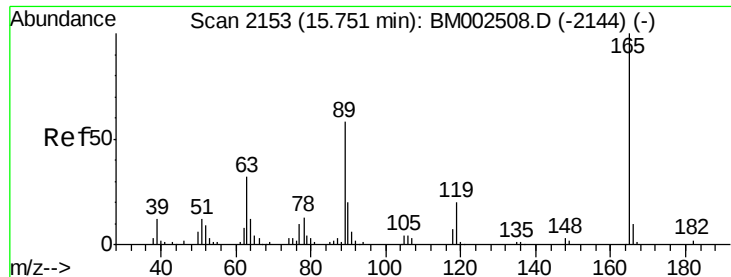
Delta R.T. -0.01 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	168	Resp:	83321
Ion Ratio	Lower	Upper	
168	100		
139	36.1	31.3	46.9





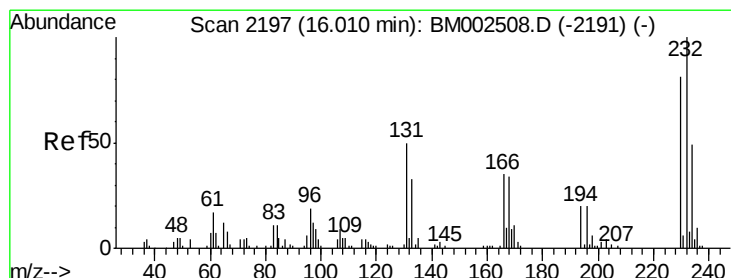
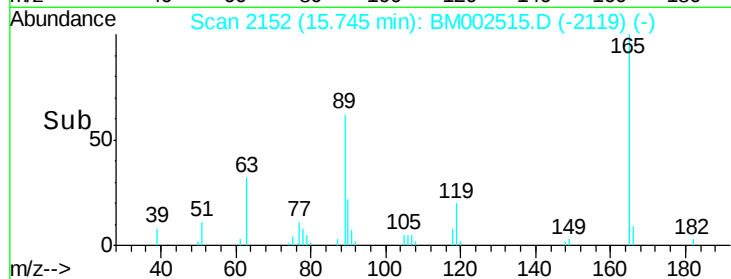
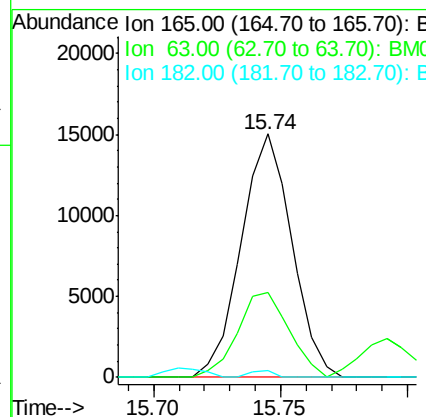
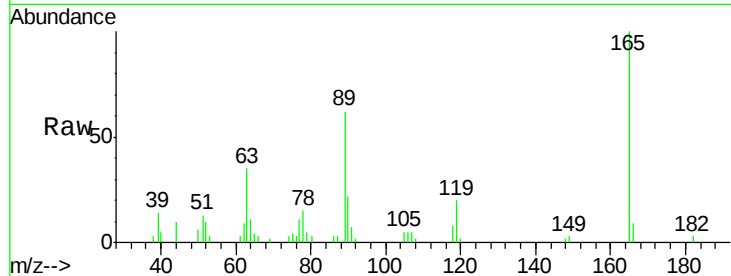
#55
 2,4-Dinitrotoluene
 Concen: 3.23 ng/ul
 RT: 15.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	35.1	35.9	53.9#
182	3.1	2.5	3.7

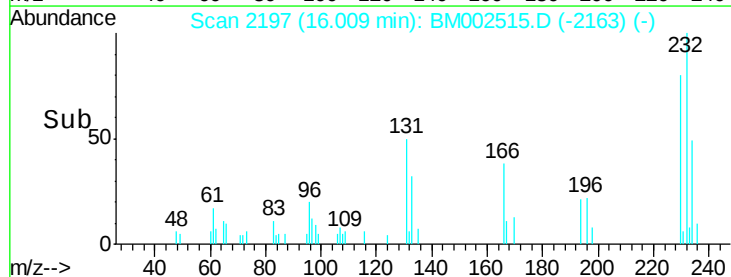
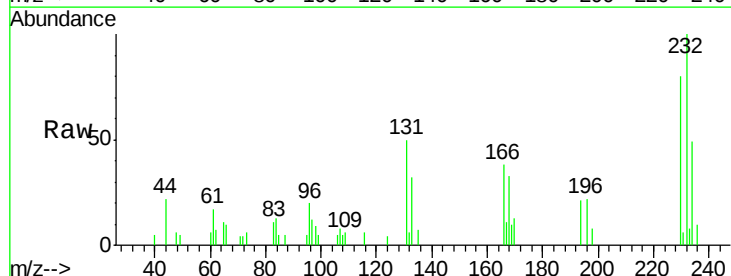
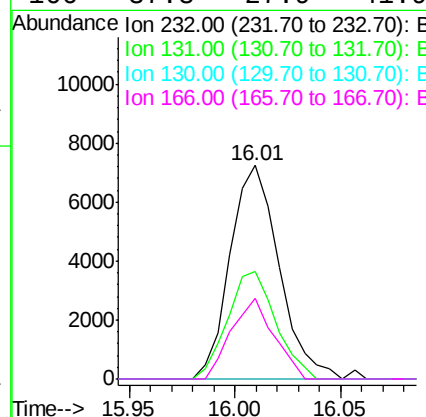
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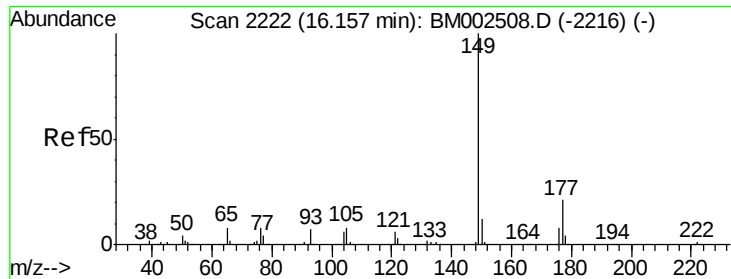
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#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.62 ng/ul
 RT: 16.01 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	50.5	42.2	63.4
130	0.0	2.2	3.4#
166	37.8	27.9	41.9





#57

Diethylphthalate

Concen: 2.87 ng/ul

RT: 16.16 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BM002515.D

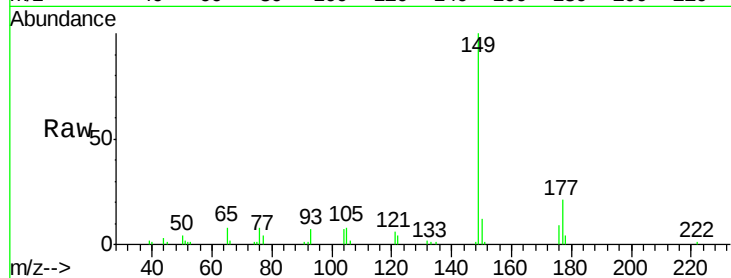
Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

ClientSampleId :

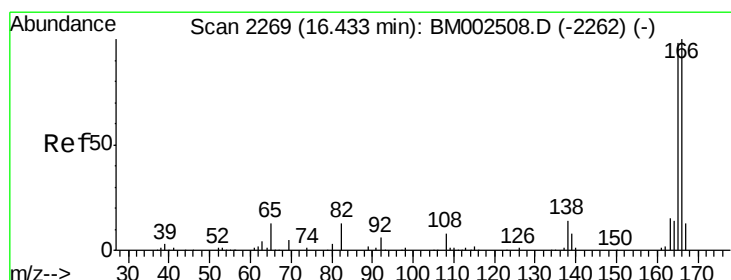
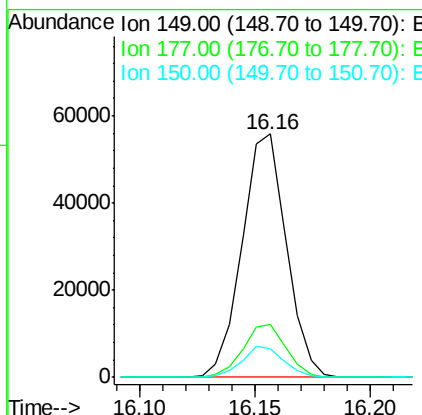
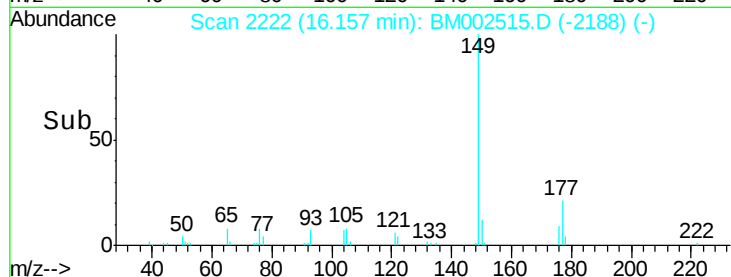
MDL-06-S-ML



Tgt Ion:	149	Resp:	74919
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.7	25.1
150	11.9	9.9	14.9

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#59

Fluorene

Concen: 3.00 ng/ul

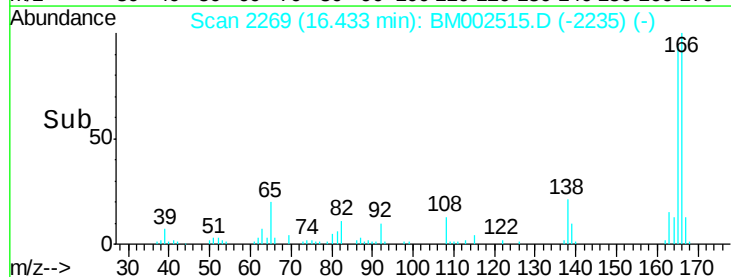
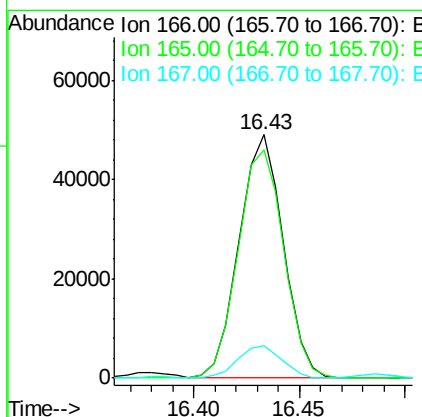
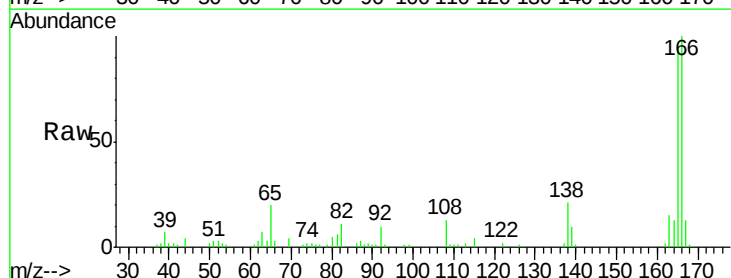
RT: 16.43 min Scan# 2269

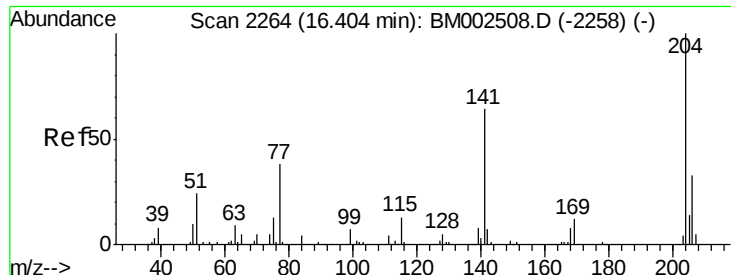
Delta R.T. -0.00 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion:	166	Resp:	71122
Ion Ratio	Lower	Upper	
166	100		
165	93.7	77.5	116.3
167	13.4	10.4	15.6





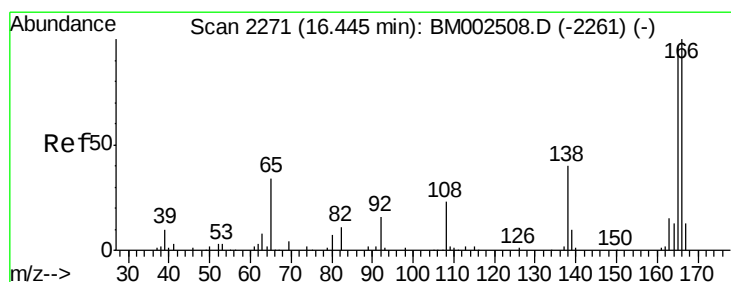
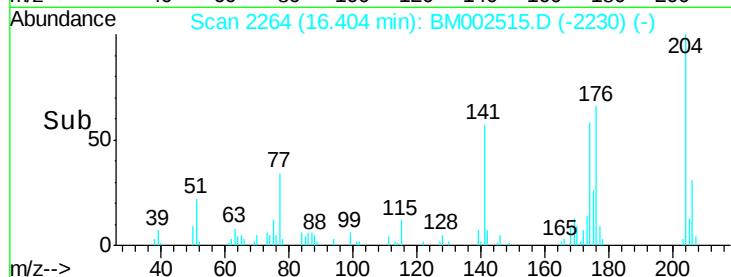
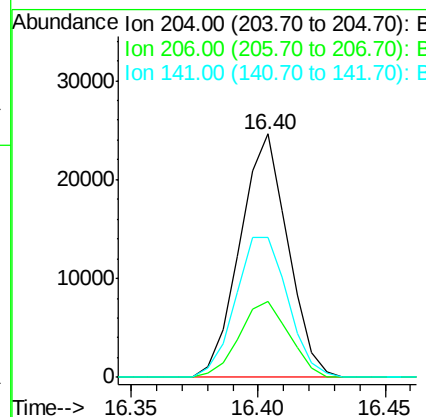
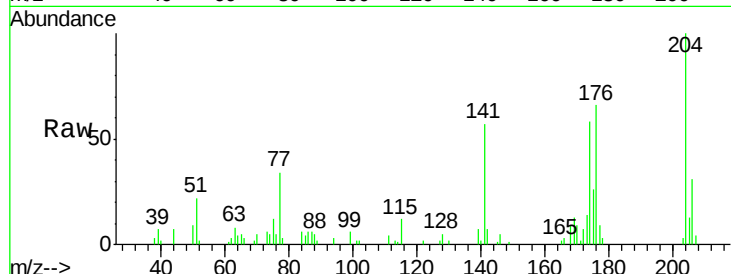
#60
 4-Chlorophenyl-phenylether
 Concen: 2.99 ng/ul
 RT: 16.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	32454		
206	31.0	26.0	39.0	
141	57.3	53.7	80.5	

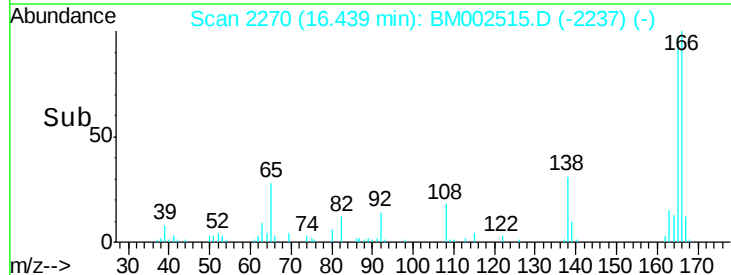
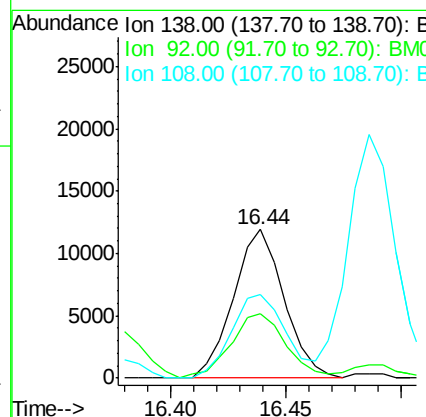
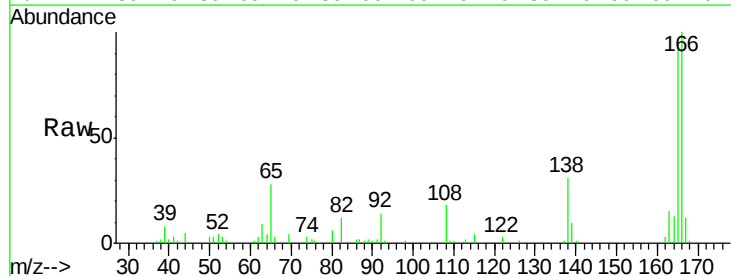
Manual Integrations
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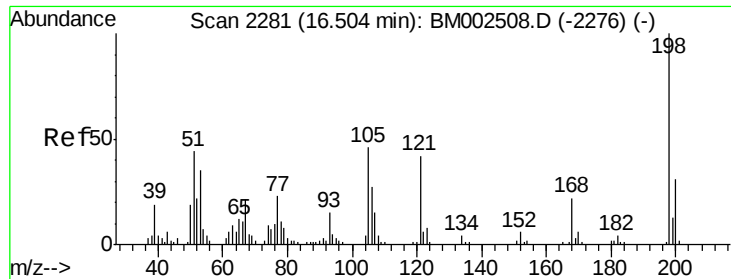
MMDadoda
 8/20/2015 3:37:54 PM



#61
 4-Nitroaniline
 Concen: 3.18 ng/ul
 RT: 16.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18194		
92	43.8	40.4	60.6	
108	56.8	56.2	84.2	





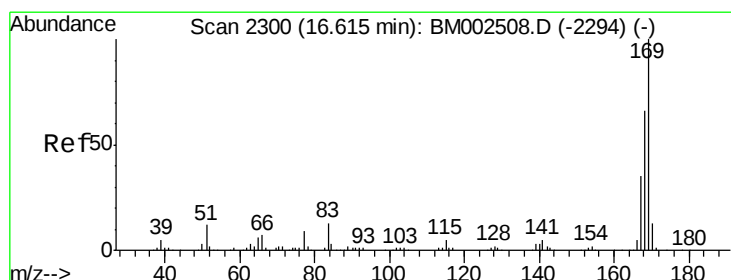
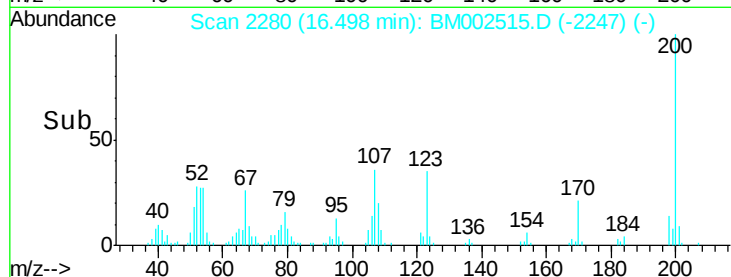
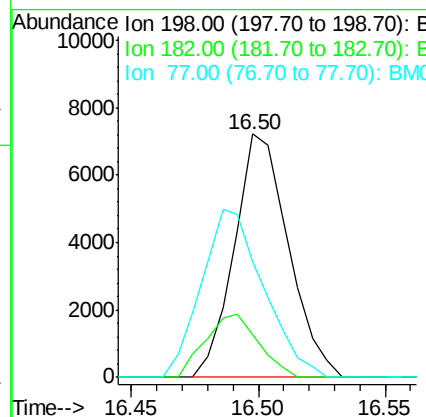
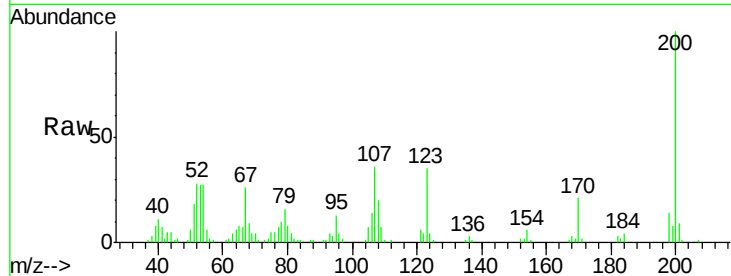
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.73 ng/ul
 RT: 16.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10681		
182	17.6	3.7	5.5#	
77	47.4	24.2	36.4#	

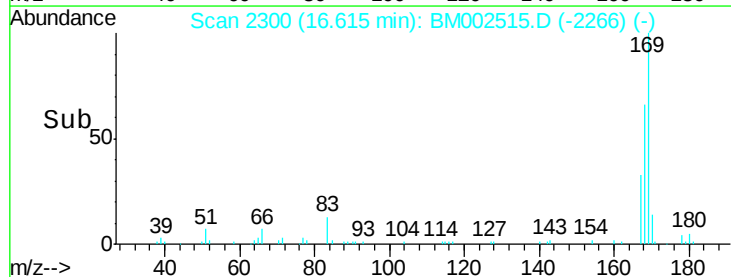
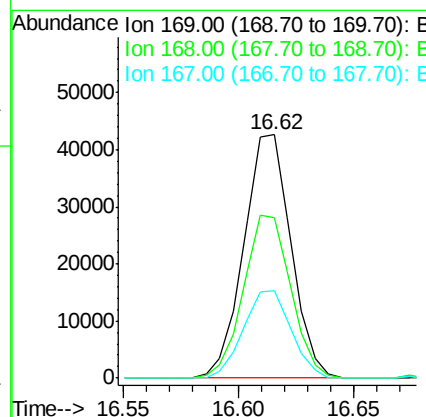
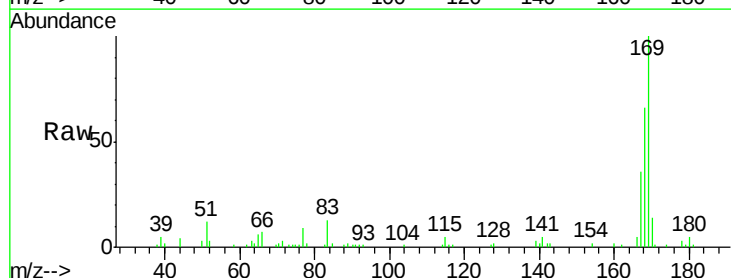
Manual Integrations
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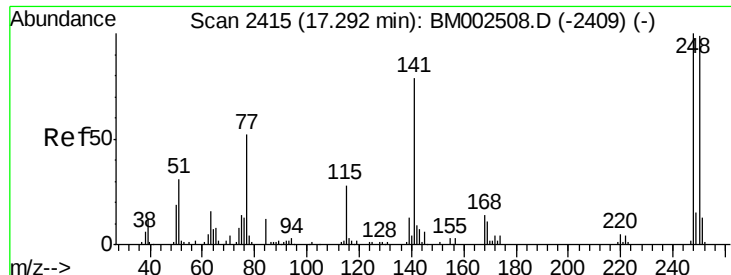
MMDadoda
 8/20/2015 3:37:54 PM



#65
 N-Nitrosodiphenylamine
 Concen: 2.86 ng/ul
 RT: 16.62 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	60875		
168	65.8	53.4	80.2	
167	36.1	28.8	43.2	





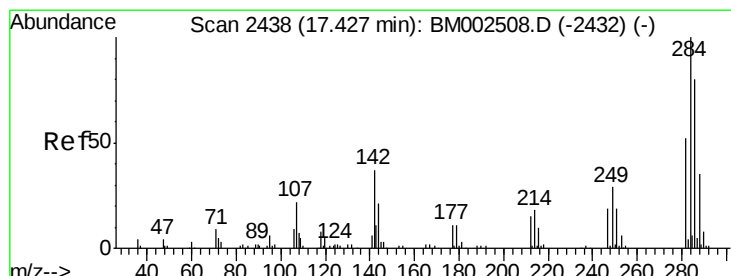
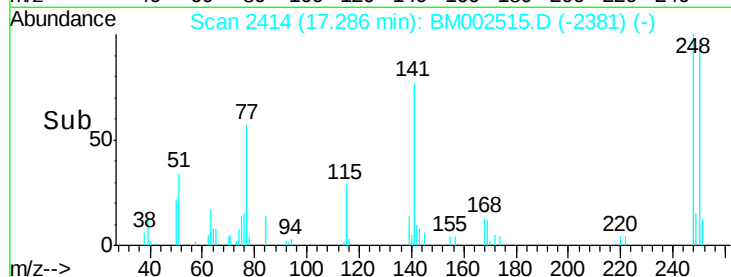
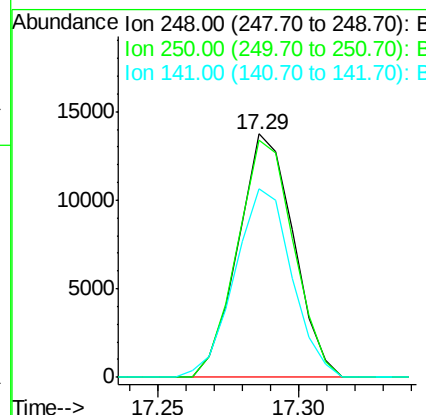
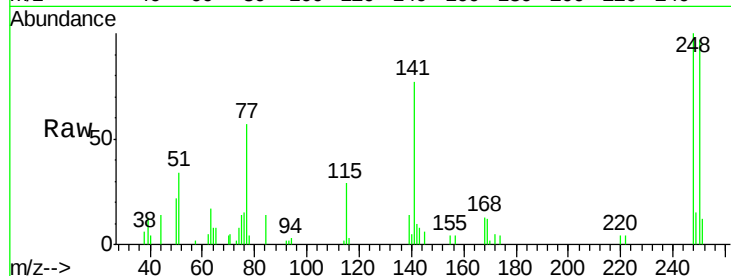
#66
 4-Bromophenyl-phenylether
 Concen: 2.77 ng/ul
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	18759		
250	97.5	78.5	117.7	
141	77.4	66.2	99.4	

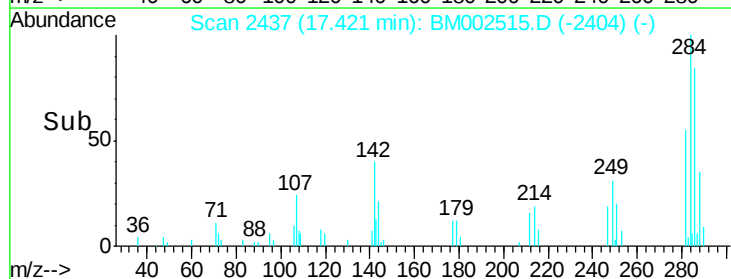
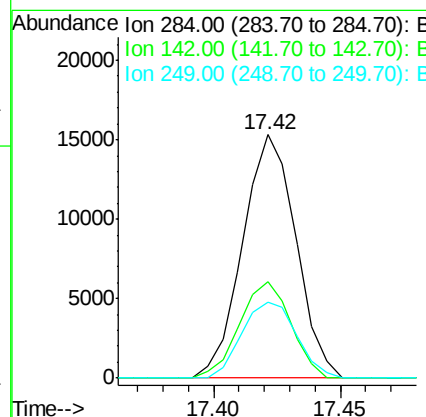
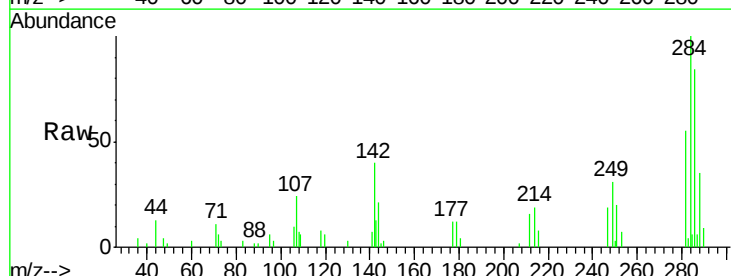
Manual Integrations
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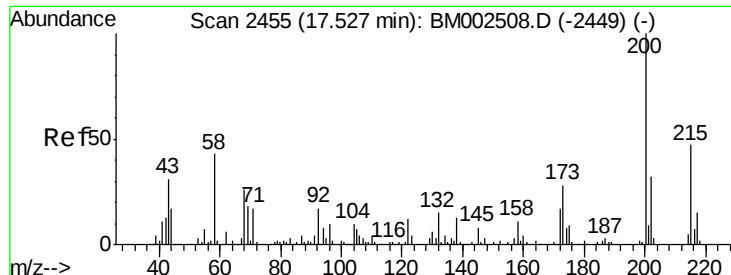
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#67
 Hexachlorobenzene
 Concen: 2.90 ng/ul
 RT: 17.42 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	22396		
142	39.6	30.2	45.4	
249	31.3	24.6	36.8	





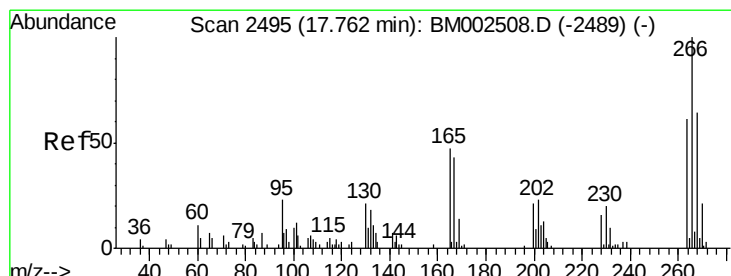
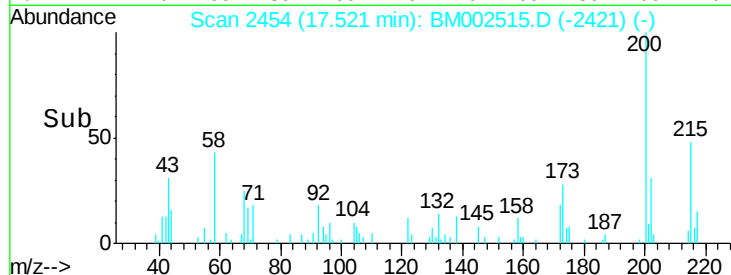
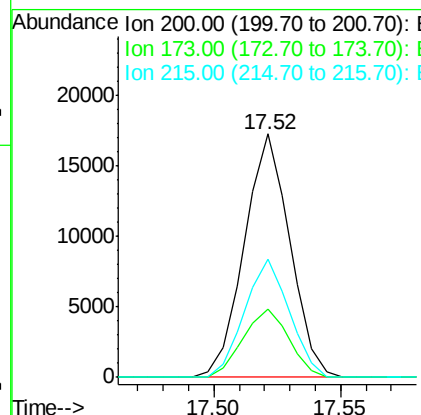
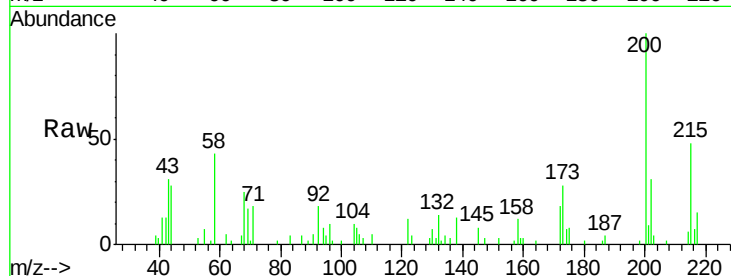
#68
 Atrazine
 Concen: 2.92 ng/ul
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	22.4	33.6
215	48.4	38.5	57.7

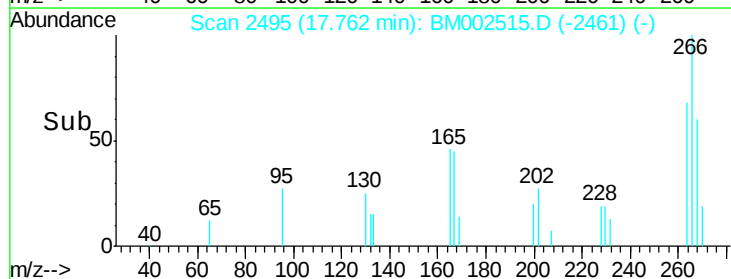
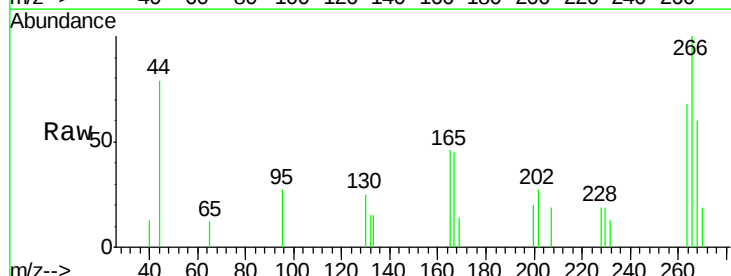
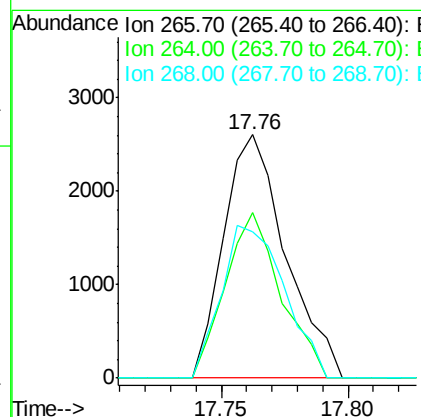
Manual Integrations
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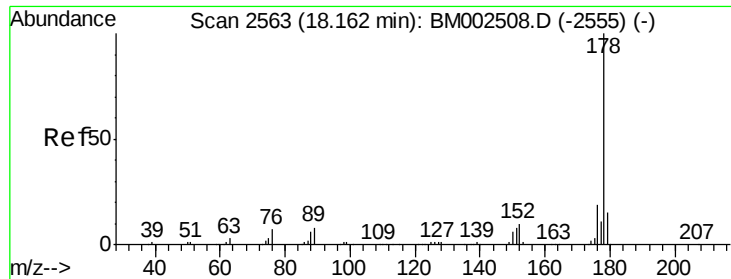
MMDadoda
 8/20/2015 3:37:54 PM



#69
 Pentachlorophenol
 Concen: 1.17 ng/ul
 RT: 17.76 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	68.0	50.3	75.5
268	60.2	51.0	76.4





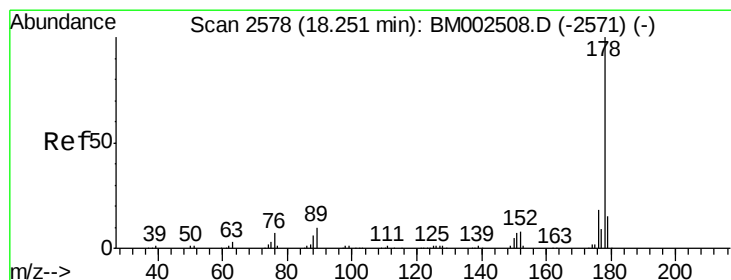
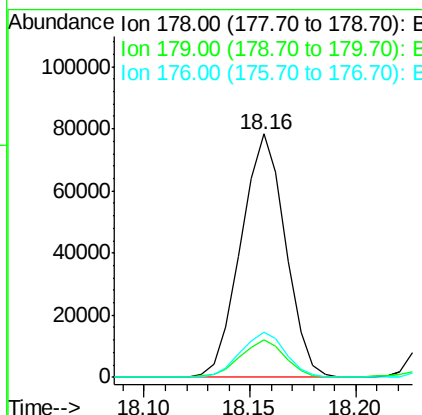
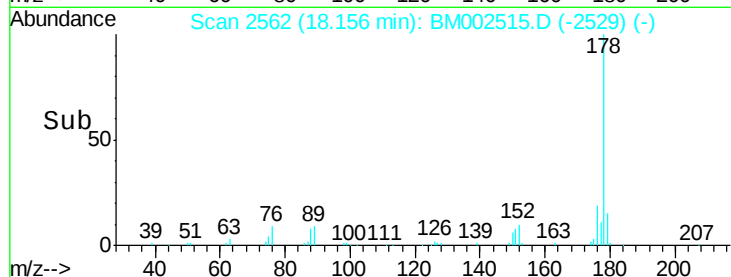
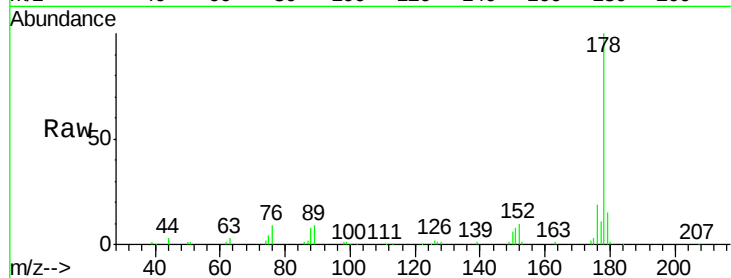
#70
 Phenanthrene
 Concen: 3.08 ng/ul
 RT: 18.16 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

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

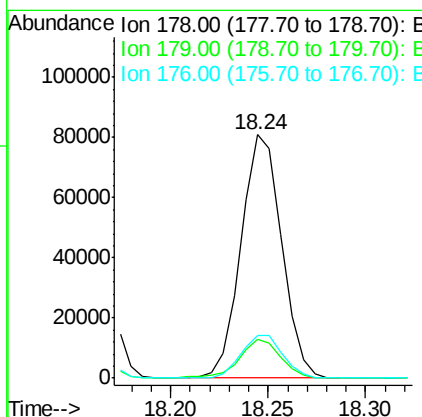
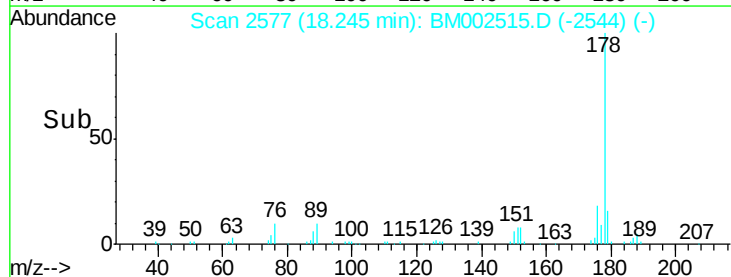
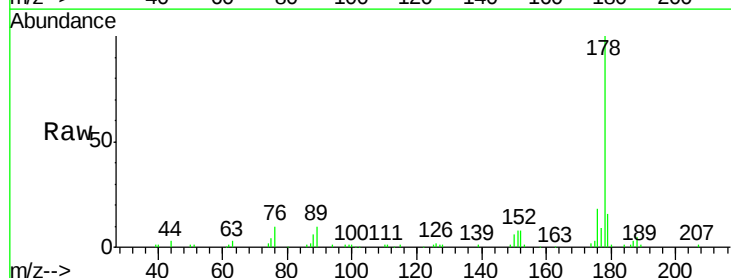
Manual Integrations
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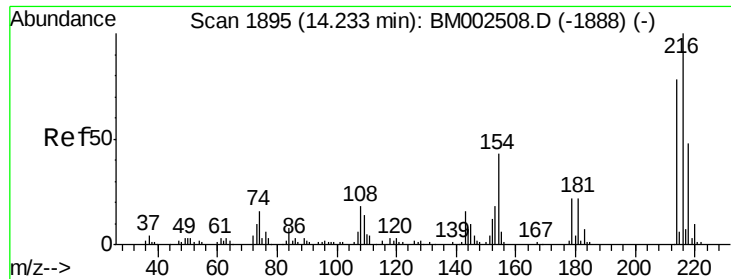
MMDadoda
 8/20/2015 3:37:54 PM



#72
 Anthracene
 Concen: 3.02 ng/ul
 RT: 18.24 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	17.7	14.5	21.7





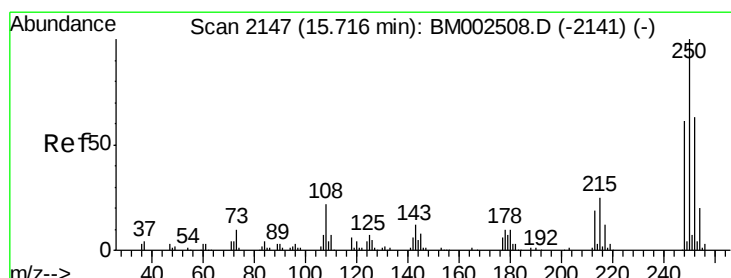
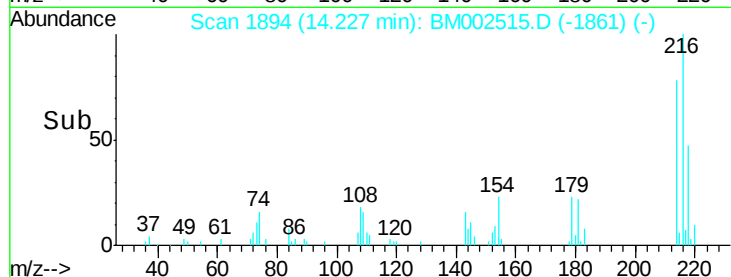
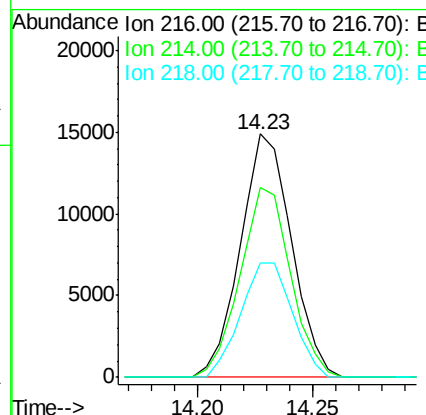
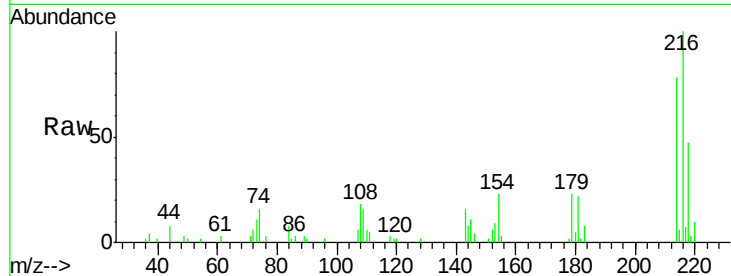
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.61 ng/uL
 RT: 14.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
218	47.1	38.9	58.3

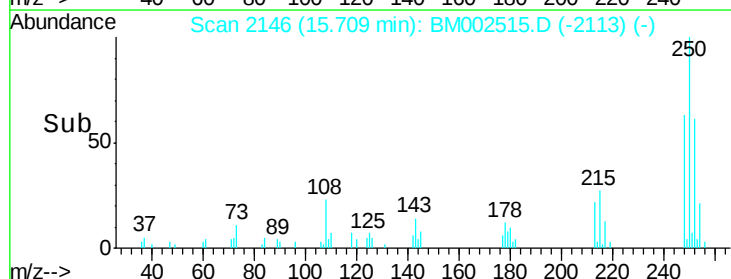
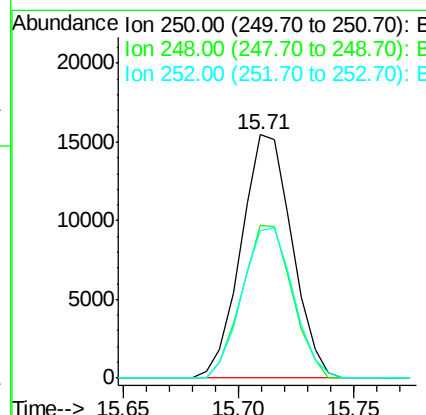
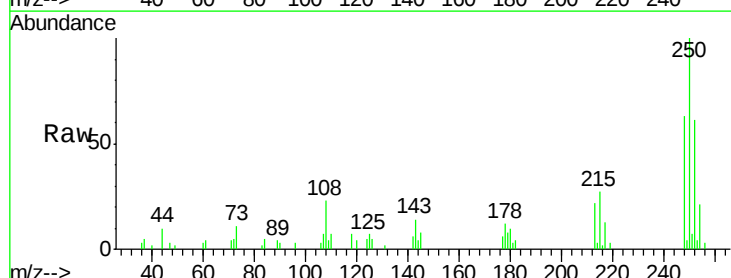
Manual Integrations
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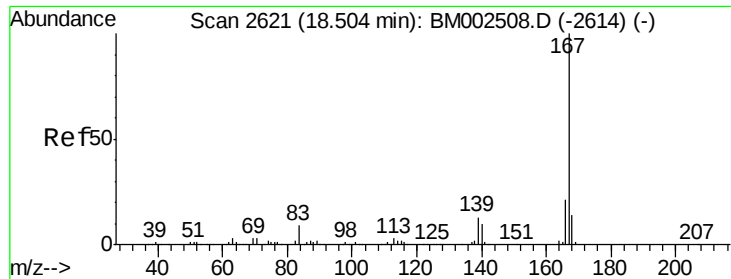
MMDadoda
 8/20/2015 3:37:54 PM



#74
 Pentachlorobenzene
 Concen: 2.79 ng/uL
 RT: 15.71 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.9	51.0	76.6
252	60.8	50.1	75.1





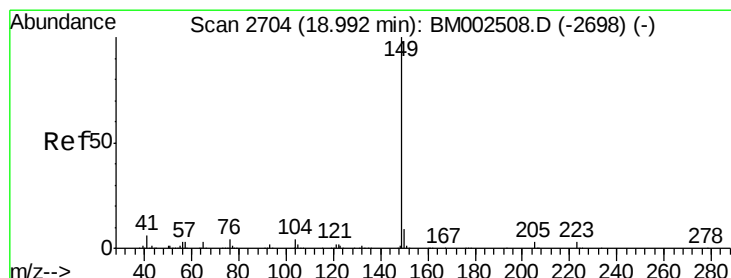
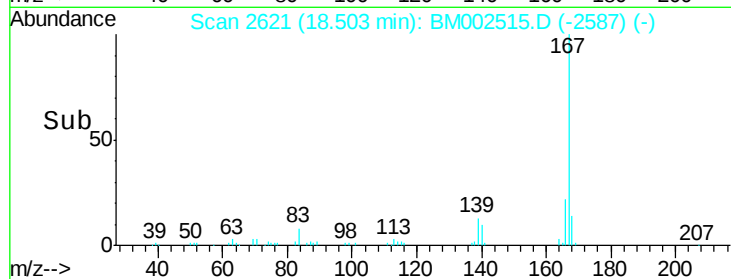
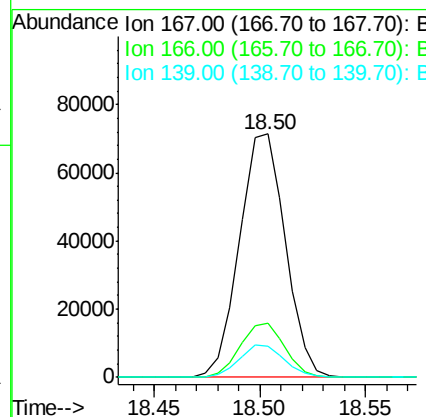
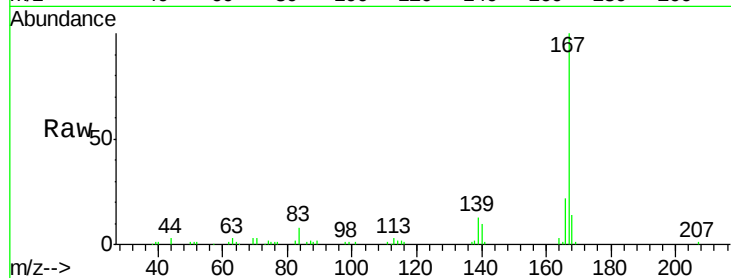
#75
 Carbazole
 Concen: 3.08 ng/ul
 RT: 18.50 min Scan# 2621
 Delta R.T. -0.00 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	107576		
166	22.1		17.0	25.6
139	12.6		10.8	16.2

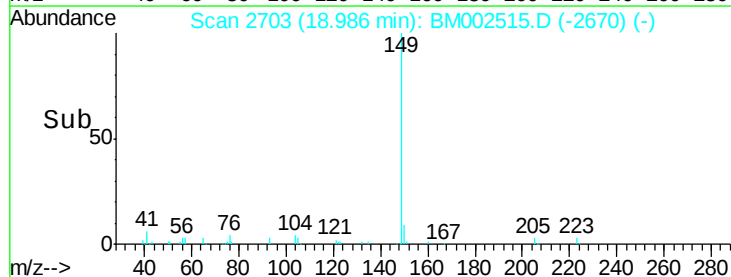
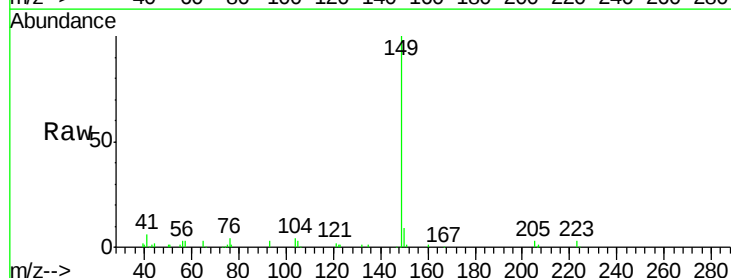
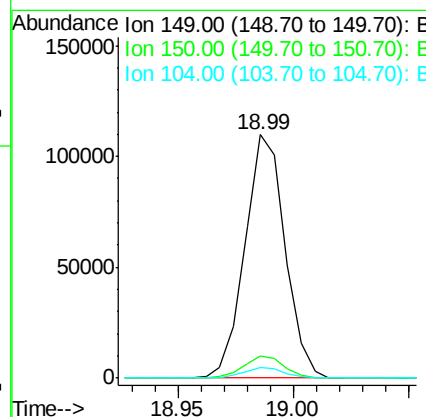
Manual Integrations
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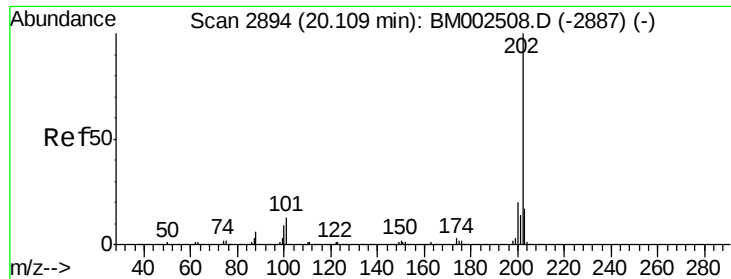
MMDadoda
 8/20/2015 3:37:54 PM



#76
 Di-n-butylphthalate
 Concen: 2.86 ng/ul
 RT: 18.99 min Scan# 2703
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	133646		
150	9.1		7.3	10.9
104	4.3		3.8	5.6





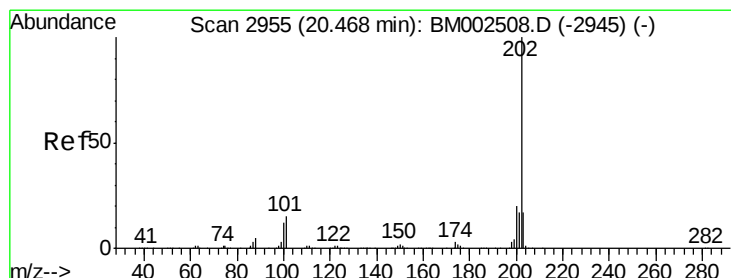
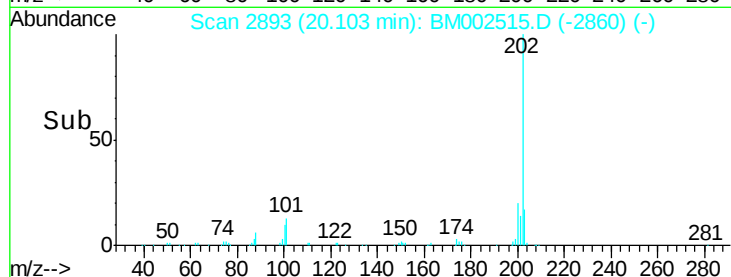
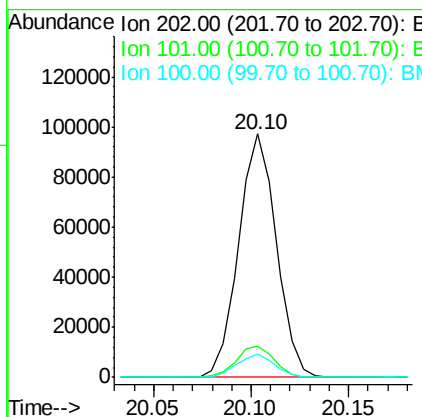
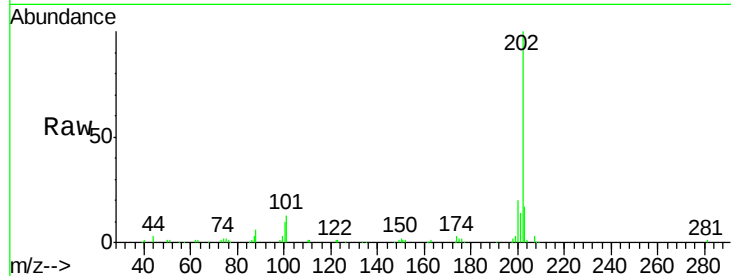
#77
Fluoranthene
 Concen: 3.31 ng/ul
 RT: 20.10 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130722		
101	12.9	10.6	15.8	
100	9.7	8.2	12.4	

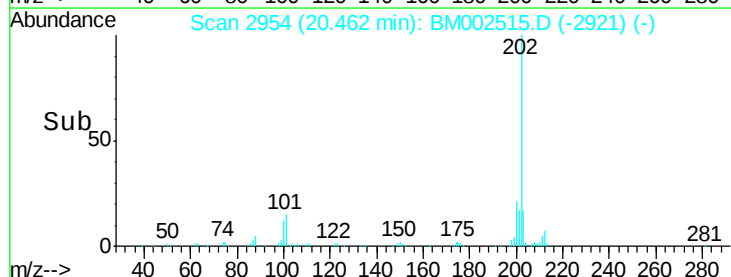
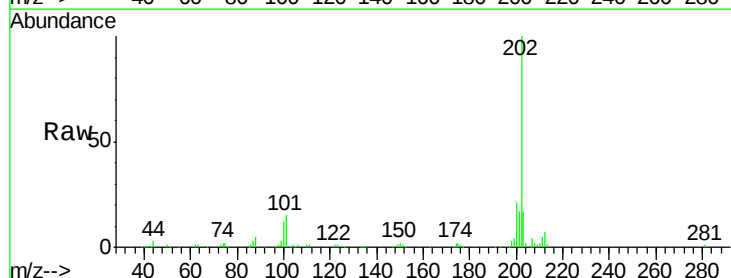
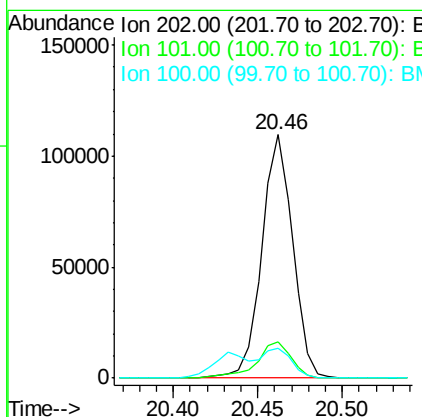
Manual Integrations
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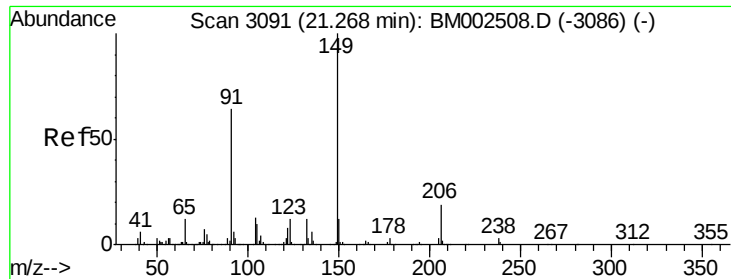
MMDadoda
 8/20/2015 3:37:54 PM



#80
Pyrene
 Concen: 2.97 ng/ul
 RT: 20.46 min Scan# 2954
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	139673		
101	14.9	13.0	19.6	
100	12.5	11.0	16.4	





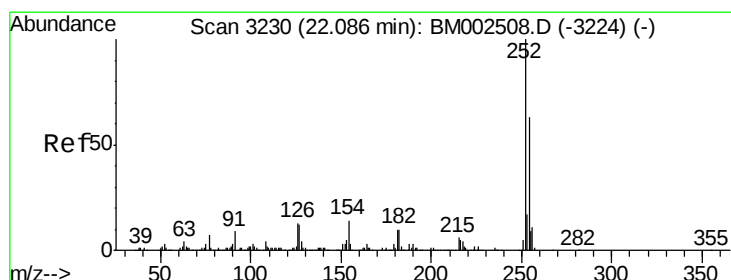
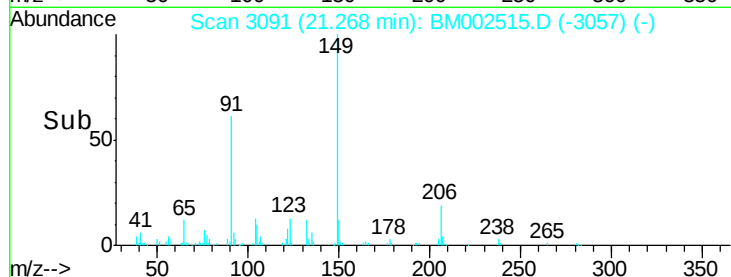
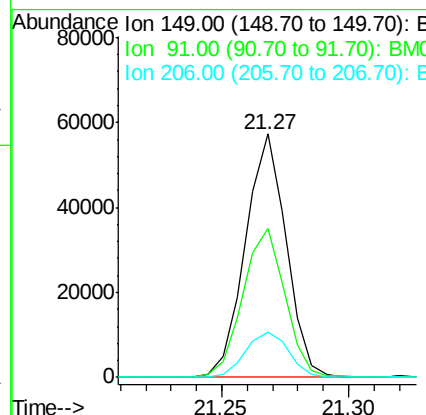
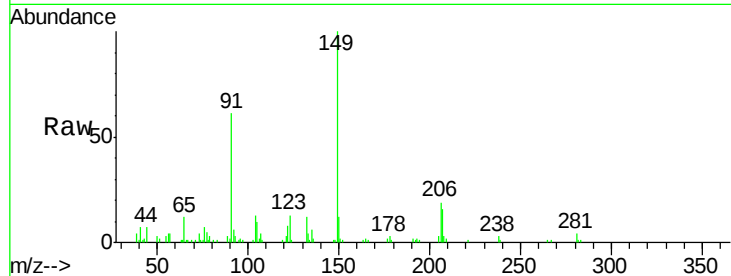
#81
Butylbenzylphthalate
Concen: 2.77 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	64357		
91	61.0	57.5	86.3	
206	18.8	15.2	22.8	

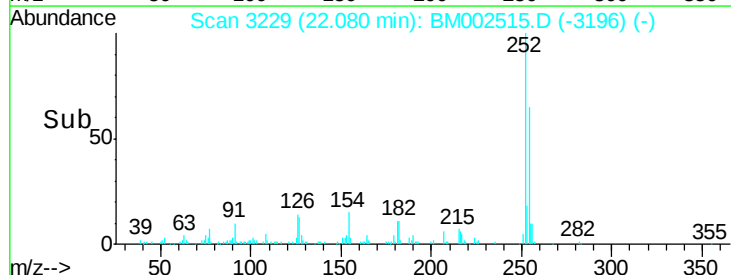
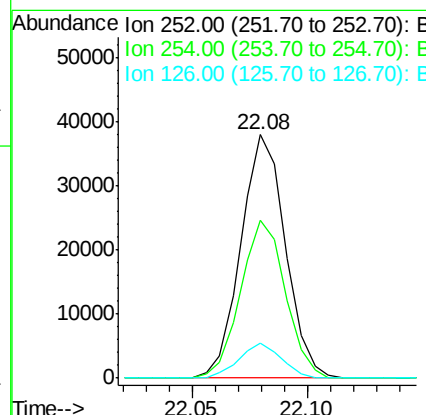
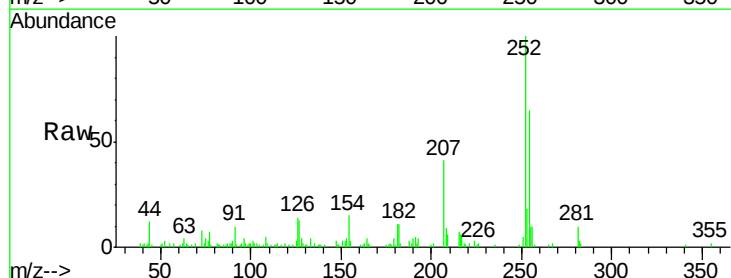
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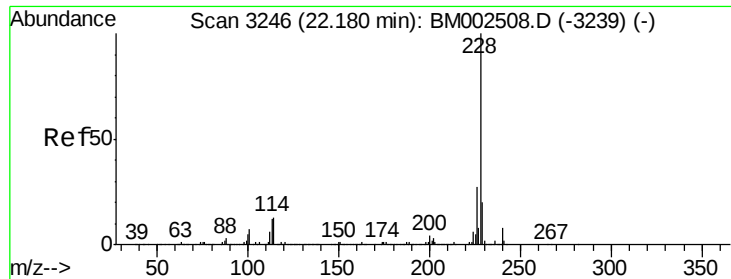
MMDadoda
8/20/2015 3:37:54 PM



#82
3,3'-Dichlorobenzidine
Concen: 3.65 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	51040		
254	64.8	52.5	78.7	
126	14.4	11.8	17.8	





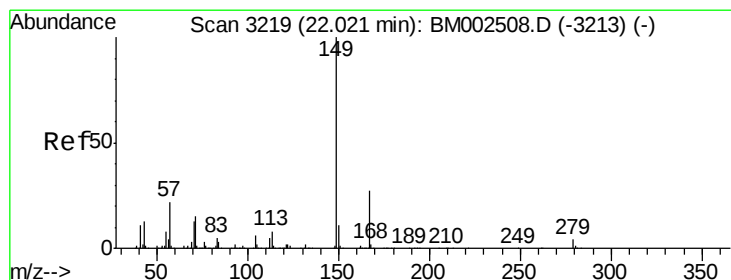
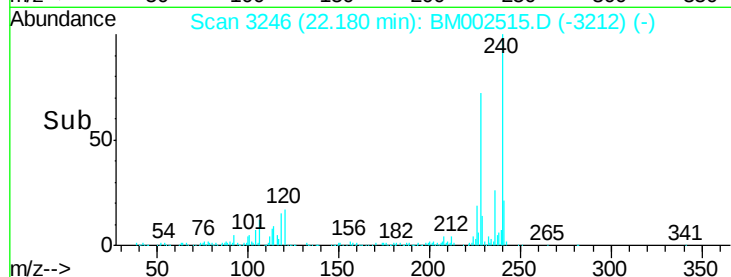
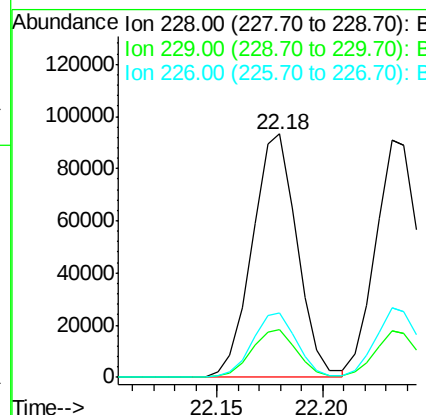
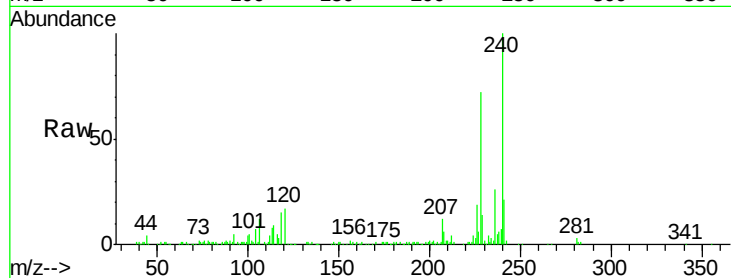
#83
Benzo(a)anthracene
Concen: 3.10 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	26.5	21.4	32.0

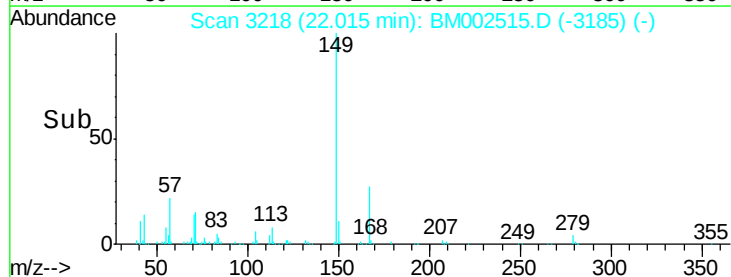
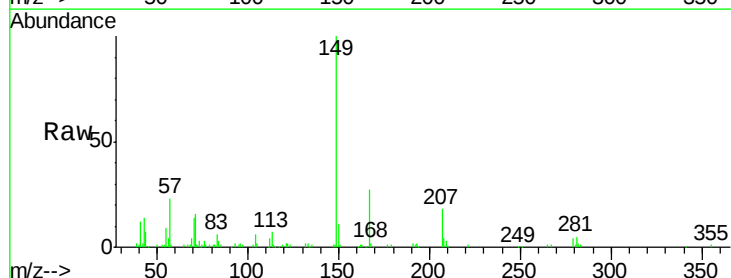
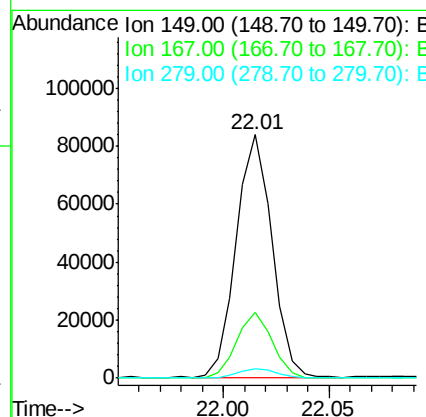
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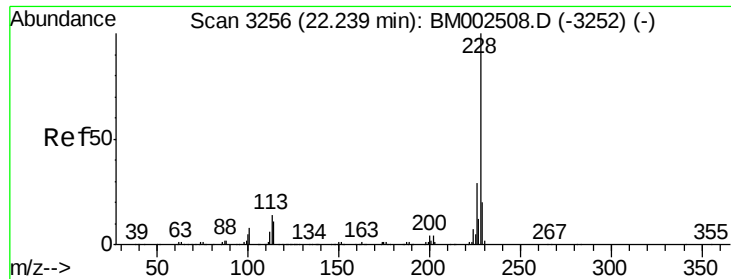
MMDadoda
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.90 ng/ul
RT: 22.01 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.2
279	4.0	3.2	4.8





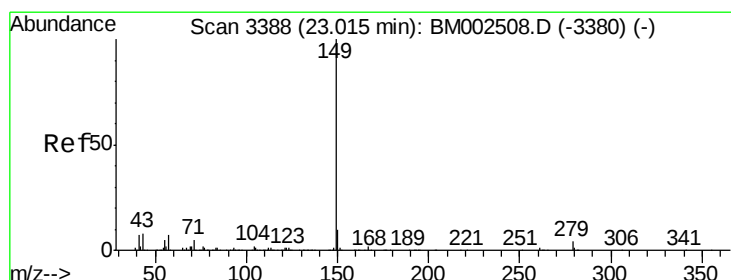
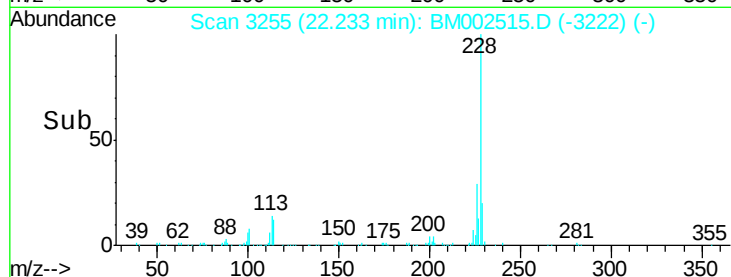
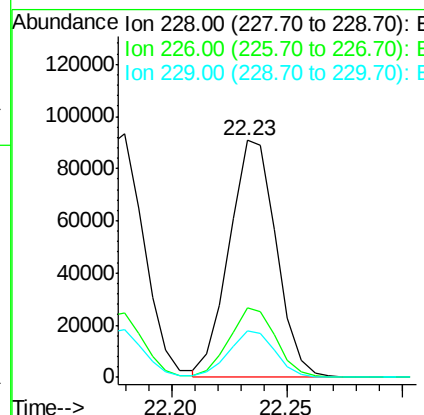
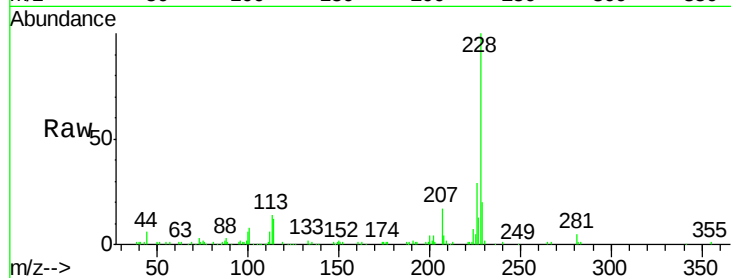
#85
 Chrysene
 Concen: 3.06 ng/ul
 RT: 22.23 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.3	23.4	35.0
229	19.6	15.5	23.3

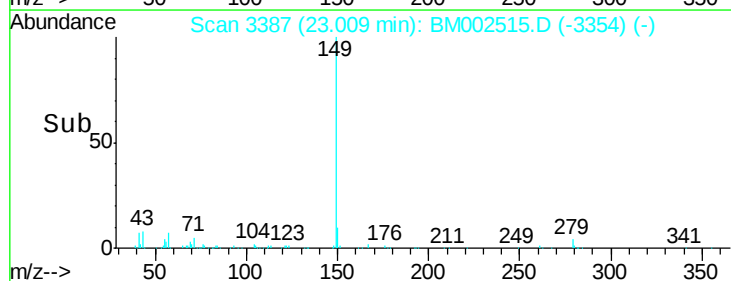
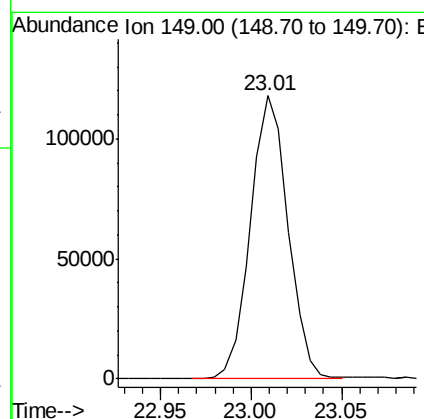
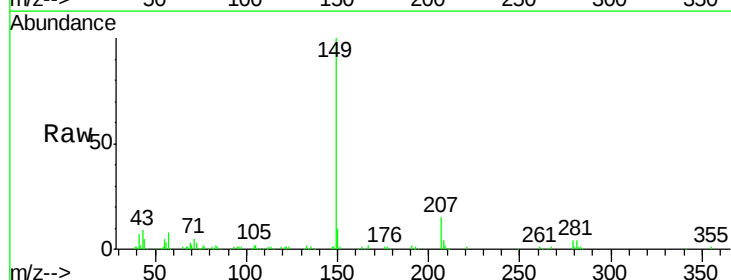
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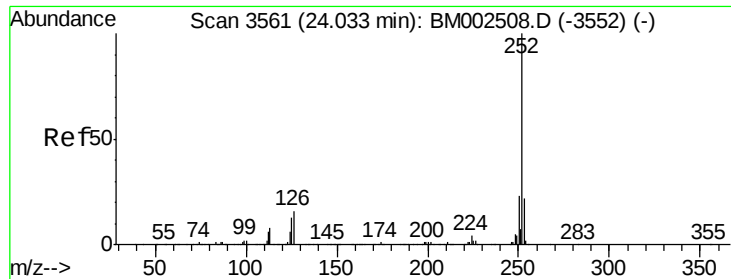
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#87
 Di-n-octyl phthalate
 Concen: 2.90 ng/ul
 RT: 23.01 min Scan# 3387
 Delta R.T. -0.01 min
 Lab File: BM002515.D
 Acq: 20 Aug 2015 05:48

Tgt Ion:149 Resp: 167782





#88

Benzo(b)fluoranthene

Concen: 3.07 ng/ul

RT: 24.02 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BM002515.D

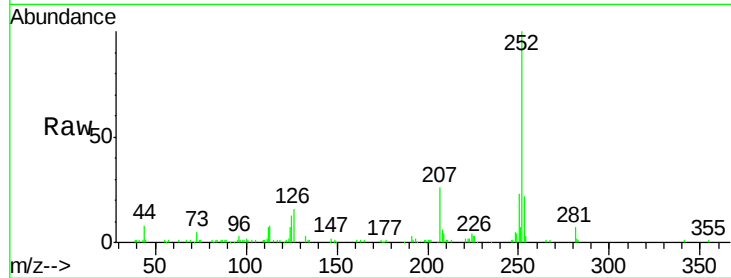
Acq: 20 Aug 2015 05:48

Instrument :

BNA_M

ClientSampleId :

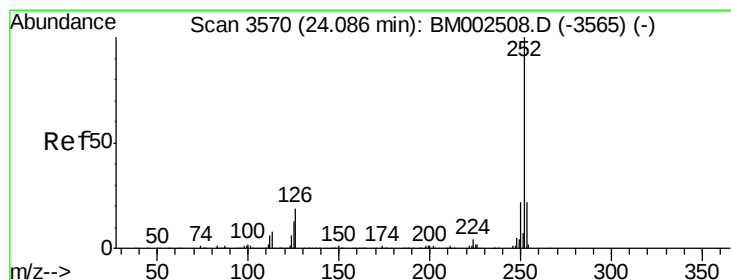
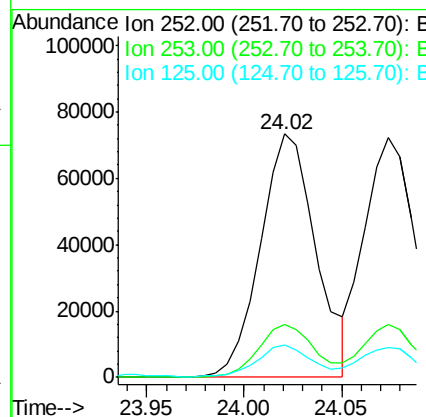
MDL-06-S-ML



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.1	10.3	15.5

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#89

Benzo(k)fluoranthene

Concen: 2.94 ng/ul

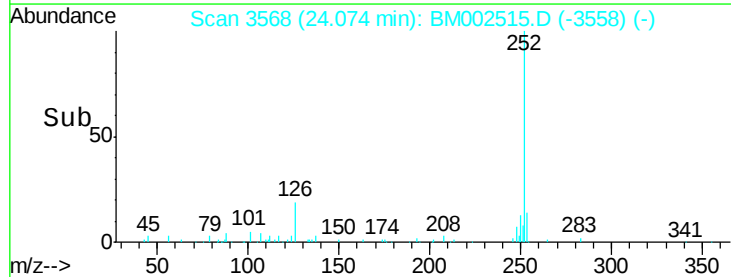
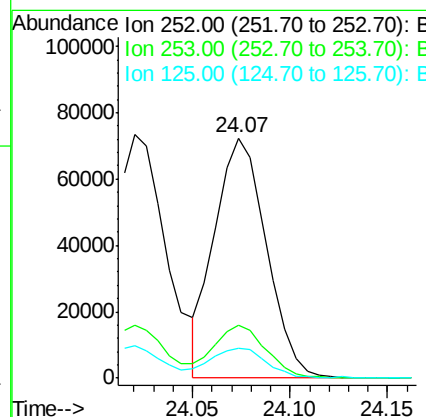
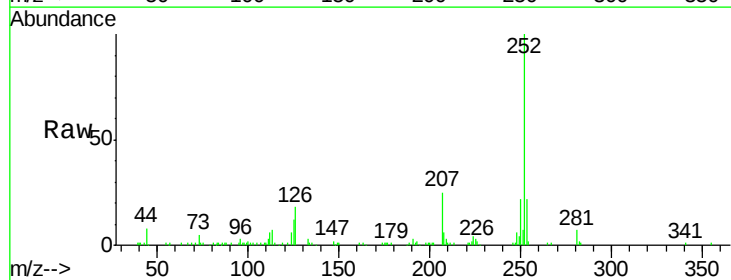
RT: 24.07 min Scan# 3568

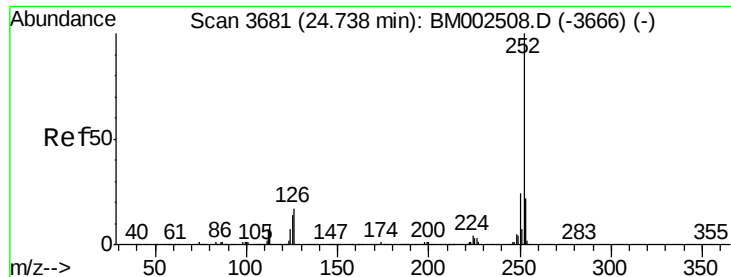
Delta R.T. -0.01 min

Lab File: BM002515.D

Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	12.2	10.2	15.4





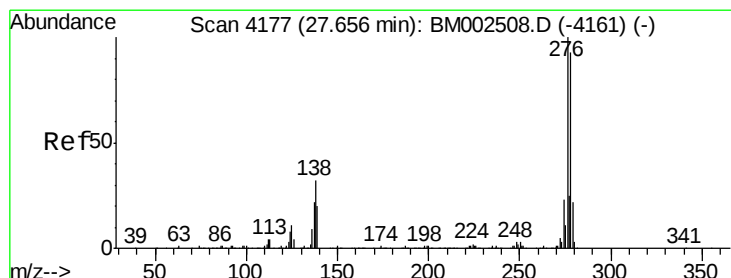
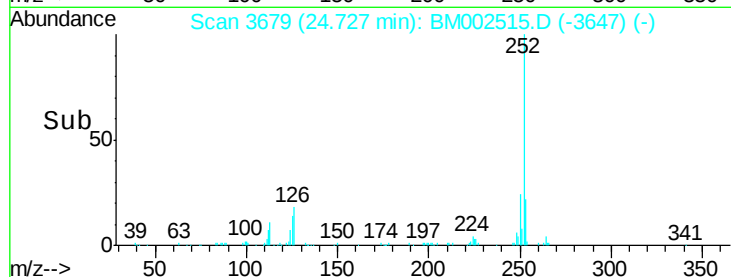
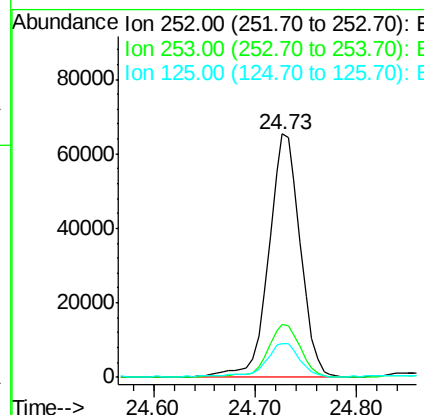
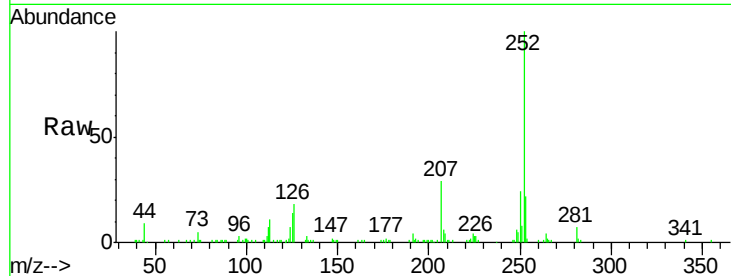
#91
Benzo(a)pyrene
Concen: 3.16 ng/ul
RT: 24.73 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	14.0	11.0	16.6

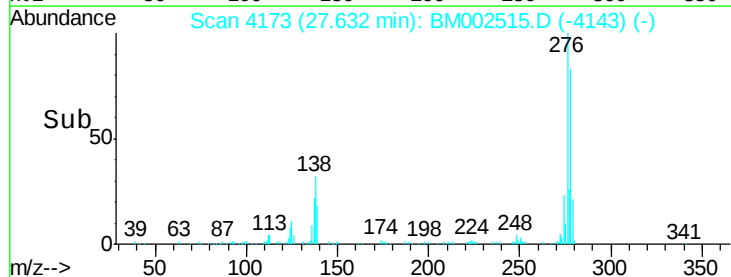
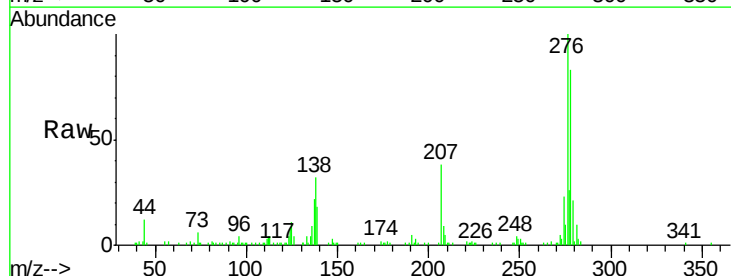
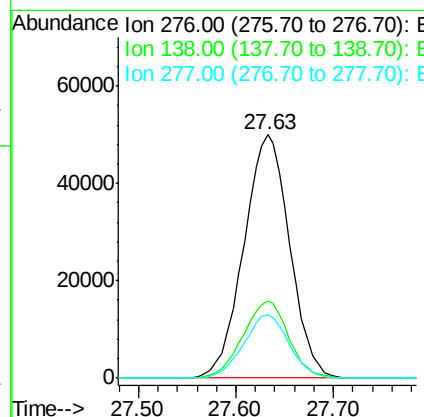
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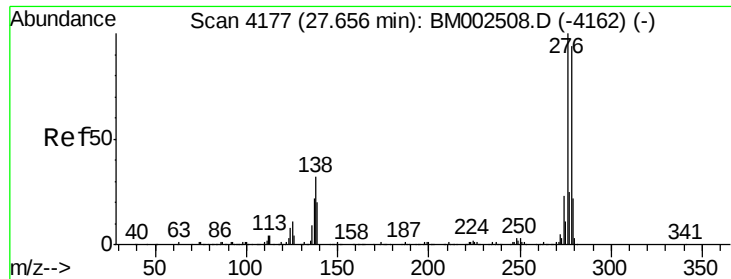
MMDadoda
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng/ul
RT: 27.63 min Scan# 4173
Delta R.T. -0.02 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.6	38.4
277	25.7	21.0	31.4





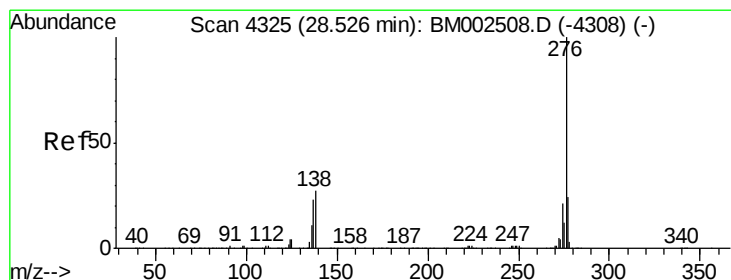
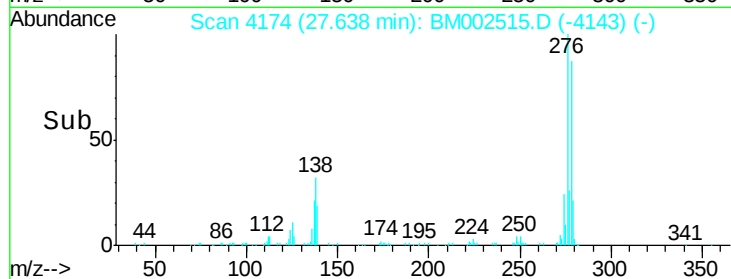
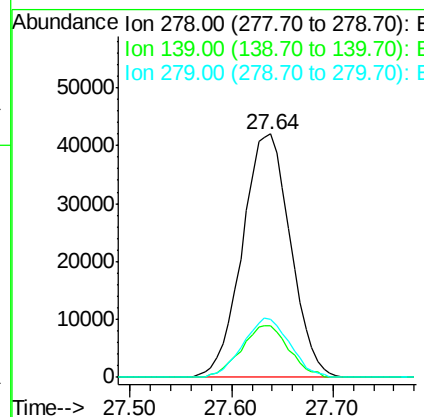
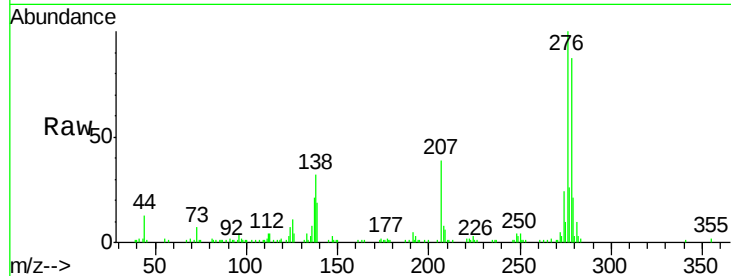
#93
Dibenzo(a,h)anthracene
Concen: 3.16 ng/ul
RT: 27.64 min Scan# 4174
Delta R.T. -0.02 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion:	278	Resp:	138346
Ion Ratio	Lower	Upper	
278	100		
139	21.3	16.4	24.6
279	23.6	18.8	28.2

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#94
Benzo(g,h,i)perylene
Concen: 3.15 ng/ul
RT: 28.50 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BM002515.D
Acq: 20 Aug 2015 05:48

Tgt Ion:	276	Resp:	137617
Ion Ratio	Lower	Upper	
276	100		
138	27.3	20.5	30.7
277	24.3	19.0	28.6

