

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007292.D
 Acq On : 25 Aug 2016 00:40
 Operator : UM/SJ
 Sample : MDL-07-S-ML
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Manual Integrations
 APPROVED

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 8/25/2016 6:31:44 PM

Quant Time: Aug 25 10:38:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 10:16:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	259673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1318773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	977856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2708342	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	4003833	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4489620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	13202	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	600255	24.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	344267	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	461316	25.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	529952	24.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	256269	26.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	308877	27.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	551106	24.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	777950	27.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2357265	27.94	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2578341	26.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	447959	28.13	ng/ul	0.00
57) Fluorene-d10	15.43	176	1956854	26.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	474351	27.85	ng/ul	0.00
70) Anthracene-d10	17.27	188	3386260	26.77	ng/ul	0.00
76) Pyrene-d10	19.57	212	4473179	26.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	5673741	27.44	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2830	0.50 ng/uL	90
4) Benzaldehyde	6.95	77	41288	2.95 ng/ul	95
6) Phenol	6.99	94	56925	2.24 ng/ul	91
8) Bis(2-Chloroethyl)ether	7.23	93	45197	2.55 ng/ul	96
10) 2-Chlorophenol	7.36	128	43370	2.34 ng/ul	95
11) 2-Methylphenol	8.24	108	43283	2.18 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	49237	2.47 ng/ul#	94
14) Acetophenone	8.62	105	82838	2.52 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	42744	2.45 ng/ul	96
16) 4-Methylphenol	8.56	108	50147	2.25 ng/ul	100
17) Hexachloroethane	8.87	117	16979	2.35 ng/ul	89
20) Nitrobenzene	9.00	77	61368	2.47 ng/ul	99
21) Isophorone	9.52	82	121623	2.40 ng/ul	98
23) 2-Nitrophenol	9.70	139	29149	2.37 ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	61780	2.28 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	65442	2.29 ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	52652	2.36 ng/ul	89
28) Naphthalene	10.63	128	155797	2.38 ng/ul	98
30) 4-Chloroaniline	10.75	127	72032	2.49 ng/ul	96
31) Hexachlorobutadiene	10.92	225	36979	2.45 ng/ul	99
32) Caprolactam	11.56	113	20881m	2.32 ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	62658	2.26 ng/ul	93
34) 2-Methylnaphthalene	12.24	142	128189	2.39 ng/ul	99

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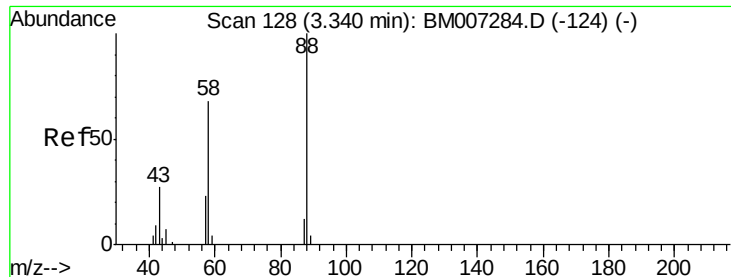
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	79578	2.44	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	34877	1.78	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	50153	2.18	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	53646	2.23	ng/ul	95
40) 1,1'-Biphenyl	13.26	154	184244	2.43	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	143782	2.42	ng/ul	95
42) 2-Nitroaniline	13.51	65	42370	2.18	ng/ul	96
44) Dimethylphthalate	13.89	163	216866	2.58	ng/ul	97
45) 2,6-Dinitrotoluene	14.01	165	38628	2.25	ng/ul	91
47) Acenaphthylene	14.15	152	245575	2.44	ng/ul	99
48) 3-Nitroaniline	14.34	138	40424	2.31	ng/ul	98
49) Acenaphthene	14.50	153	160452	2.45	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	19617	1.68	ng/ul	97
52) 4-Nitrophenol	14.64	109	46342	2.74	ng/ul	92
53) Dibenzofuran	14.83	168	238154	2.43	ng/ul	93
54) 2,4-Dinitrotoluene	14.80	165	64051	2.43	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	57458	2.33	ng/ul	97
56) Diethylphthalate	15.26	149	223204	2.55	ng/ul	99
58) Fluorene	15.48	166	206248	2.56	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	107431	2.55	ng/ul	94
60) 4-Nitroaniline	15.50	138	48644	2.45	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	48174	2.65	ng/ul#	49
64) N-Nitrosodiphenylamine	15.69	169	187491	2.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	73623	2.41	ng/ul	96
66) Hexachlorobenzene	16.48	284	85972	2.51	ng/ul	95
67) Atrazine	16.64	200	81170	2.54	ng/ul	99
68) Pentachlorophenol	16.83	266	44959	2.03	ng/ul	99
69) Phenanthrene	17.22	178	371433	2.55	ng/ul	99
71) Anthracene	17.31	178	374046	2.49	ng/ul	99
72) Carbazole	17.58	167	342367	2.62	ng/ul	99
73) Di-n-butylphthalate	18.14	149	405413	2.47	ng/ul	100
74) Fluoranthene	19.23	202	510572	2.80	ng/ul	99
77) Pyrene	19.60	202	546500	2.54	ng/ul#	95
78) Butylbenzylphthalate	20.49	149	195857	2.19	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	205540	2.59	ng/ul	99
80) Benzo(a)anthracene	21.34	228	622932	2.64	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	303925	2.34	ng/ul	98
82) Chrysene	21.39	228	561813	2.63	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	530578	2.37	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	694603	2.62	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	652537	2.66	ng/ul	98
88) Benzo(a)pyrene	23.53	252	682202	2.69	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	827832	2.66	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	700501	2.70	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	688565	2.60	ng/ul	97

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



#2

1,4-Dioxane

Concen: 0.50 ng/uL

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM007292.D

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Instrument :

BNA_M

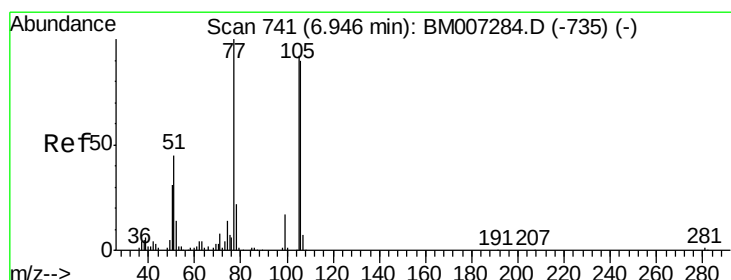
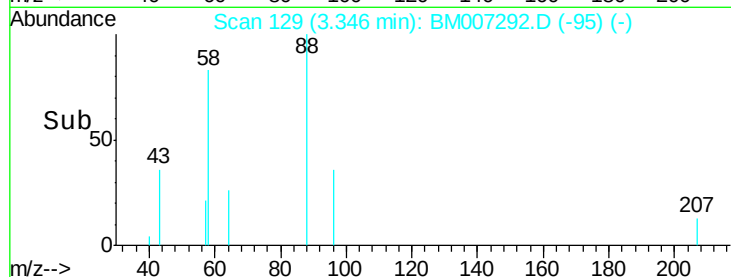
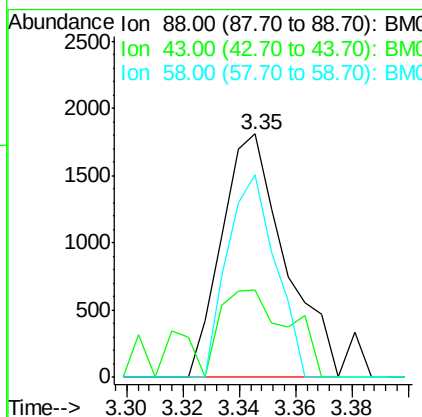
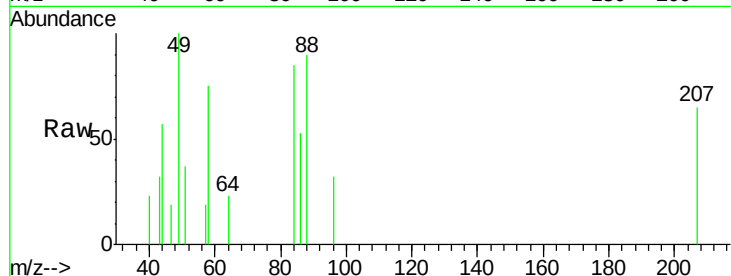
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	88	Resp:	2830
Ion	Ratio	Lower	Upper
88	100		
43	32.5	22.6	34.0
58	63.0	57.3	85.9

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#4

Benzaldehyde

Concen: 2.95 ng/uL

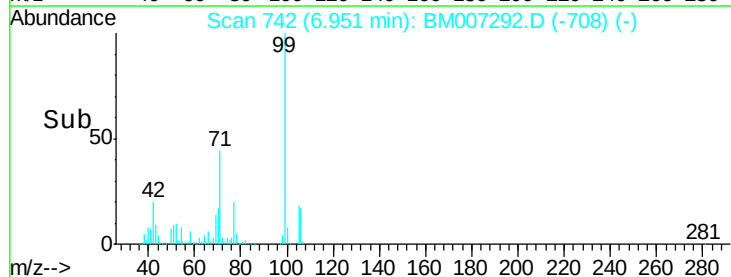
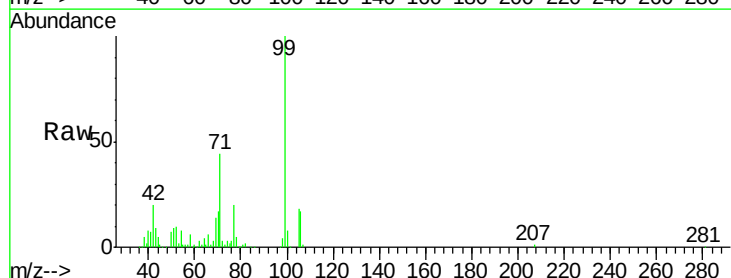
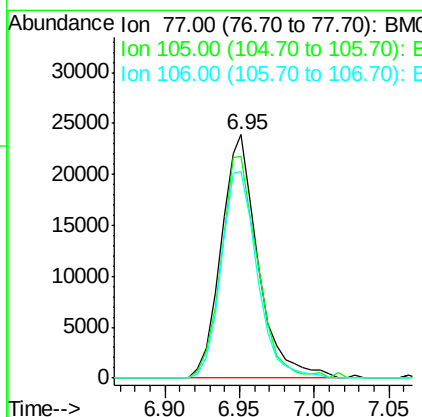
RT: 6.95 min Scan# 742

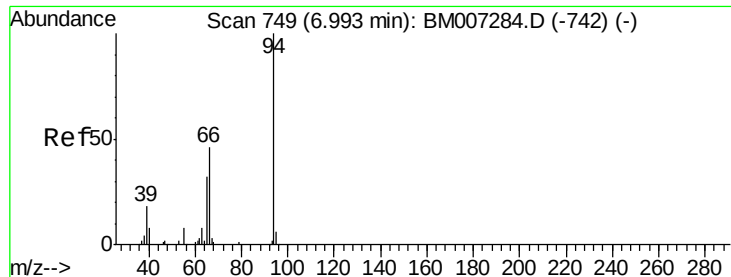
Delta R.T. 0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	77	Resp:	41288
Ion	Ratio	Lower	Upper
77	100		
105	90.9	76.9	115.3
106	84.8	71.8	107.8





#6

Phenol

Concen: 2.24 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

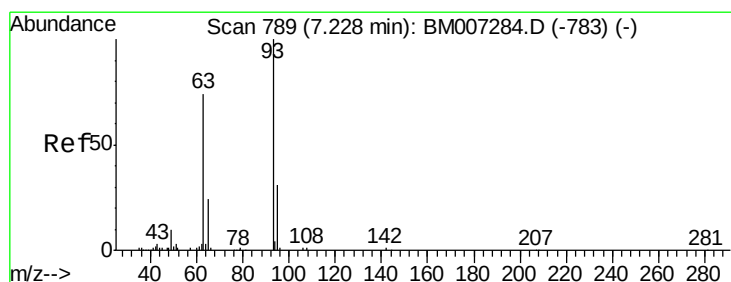
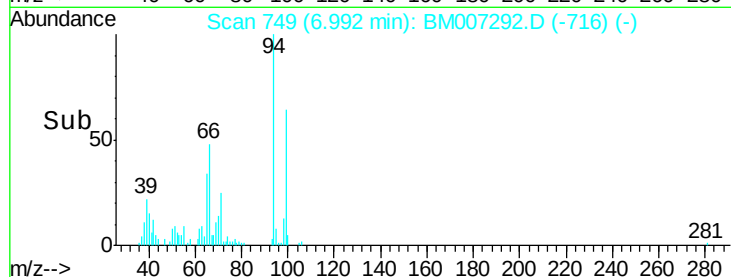
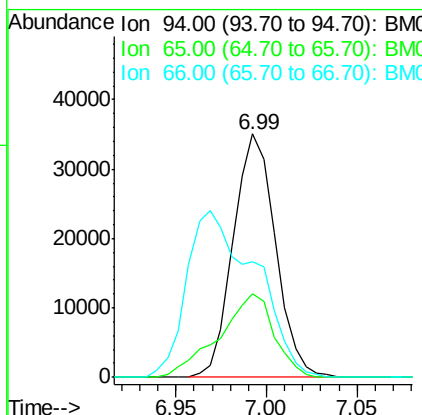
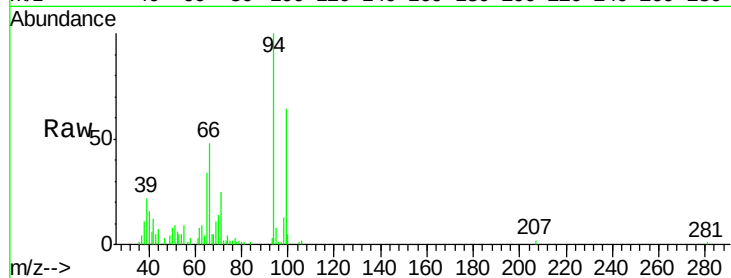
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	94	Resp:	56925
Ion	Ratio	Lower	Upper
94	100		
65	34.3	23.9	35.9
66	47.6	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.55 ng/ul

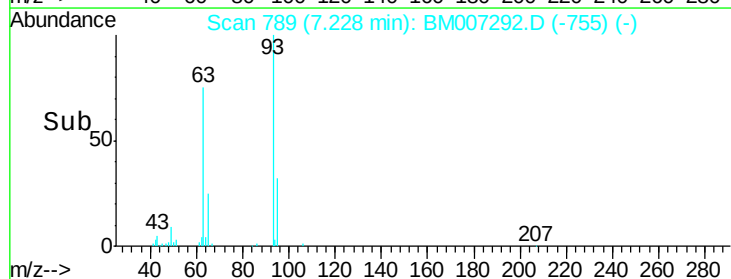
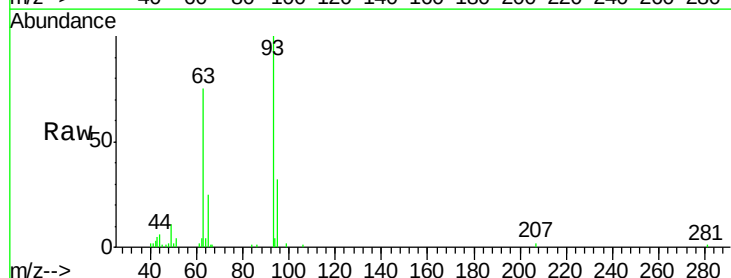
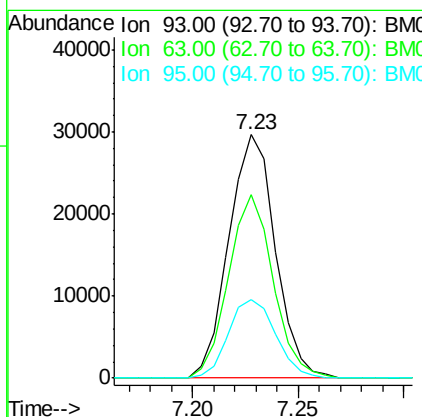
RT: 7.23 min Scan# 789

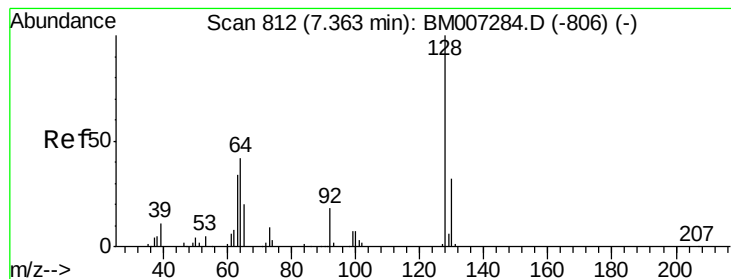
Delta R.T. 0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	93	Resp:	45197
Ion	Ratio	Lower	Upper
93	100		
63	75.5	57.3	85.9
95	32.4	25.1	37.7





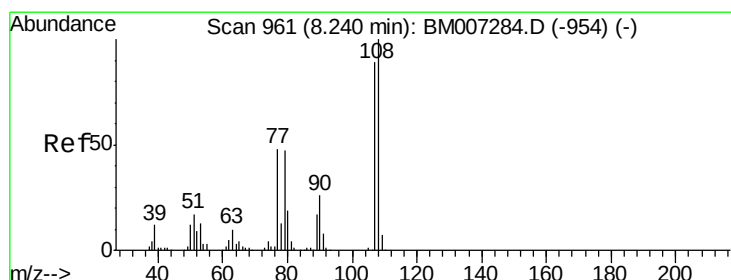
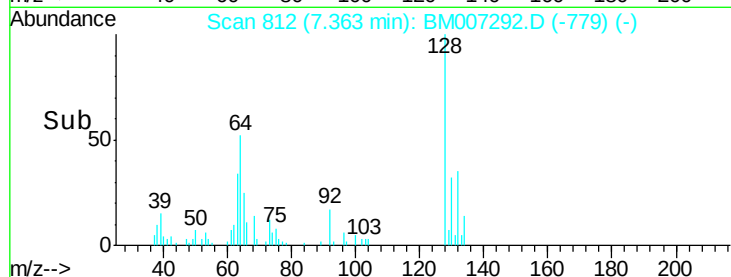
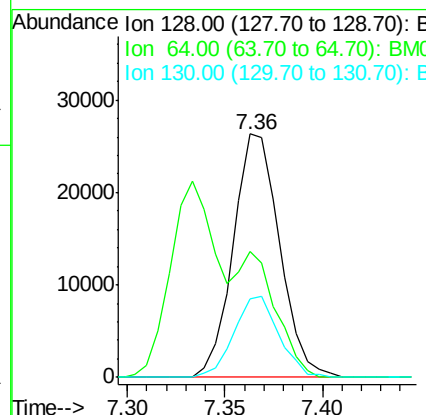
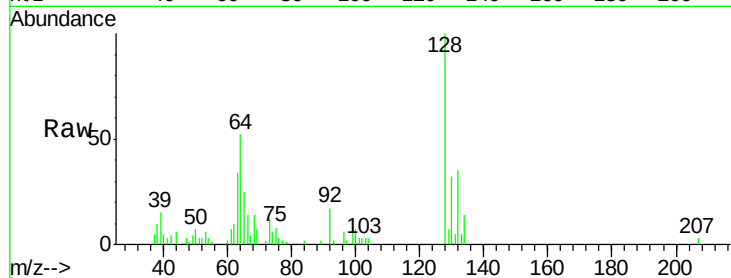
#10
2-Chlorophenol
Concen: 2.34 ng/ul
RT: 7.36 min Scan# 812
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

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Tgt Ion	Ratio	Lower	Upper
128	100		
64	51.6	37.5	56.3
130	32.4	25.0	37.4

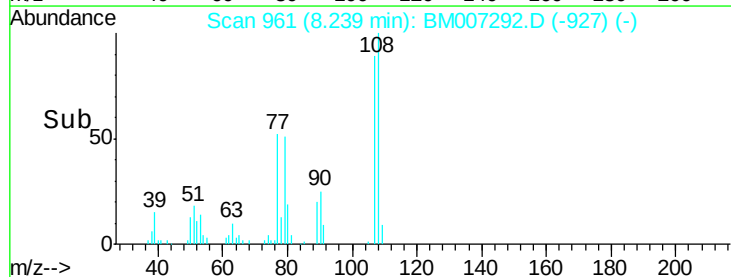
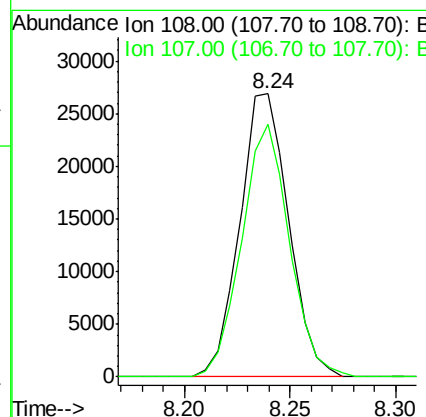
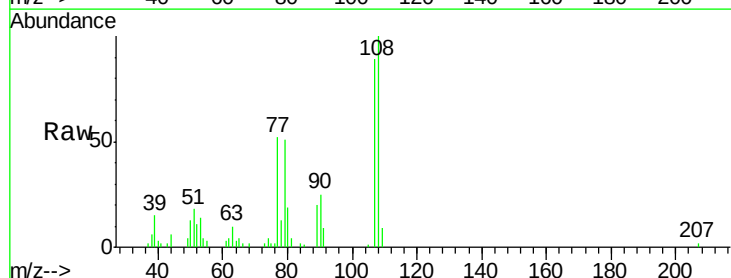
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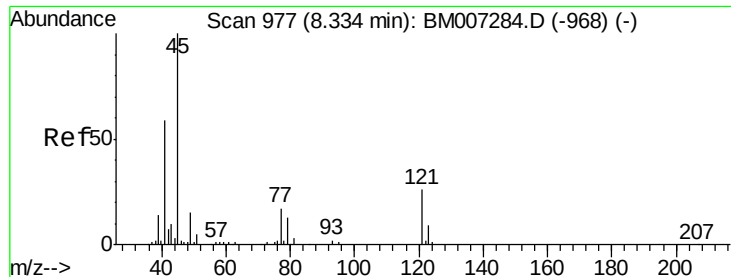
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#11
2-Methylphenol
Concen: 2.18 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.3	71.8	107.6





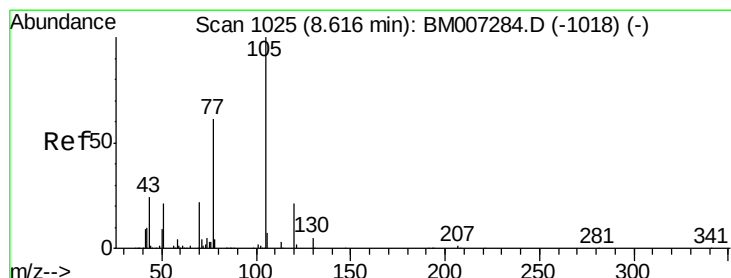
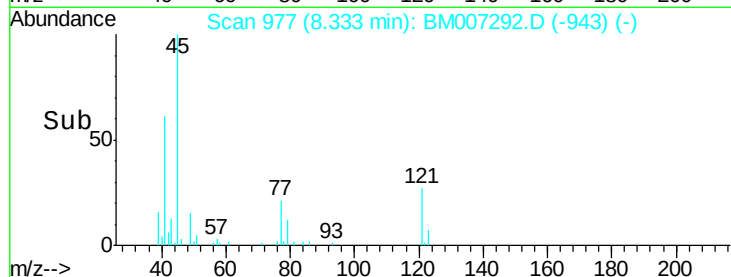
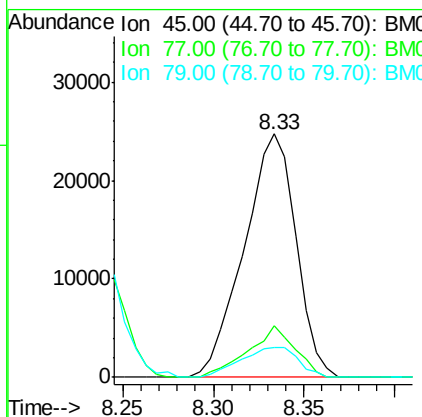
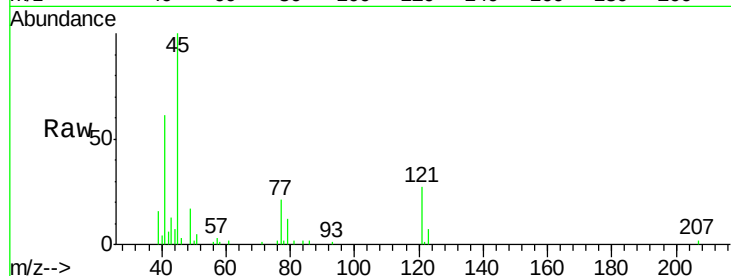
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 2.47 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
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 MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	14.1	21.1#
79	12.2	10.4	15.6

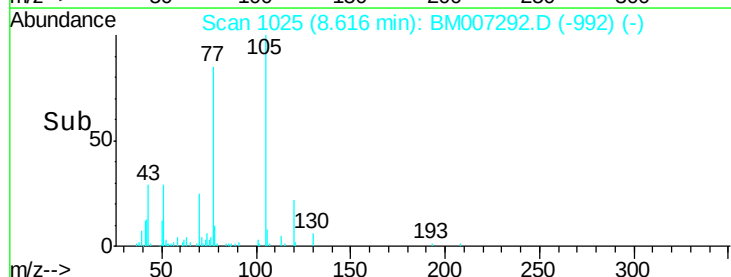
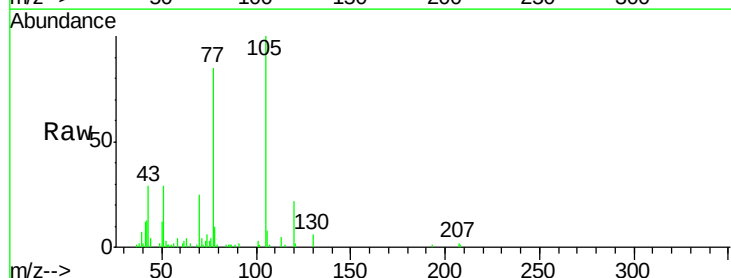
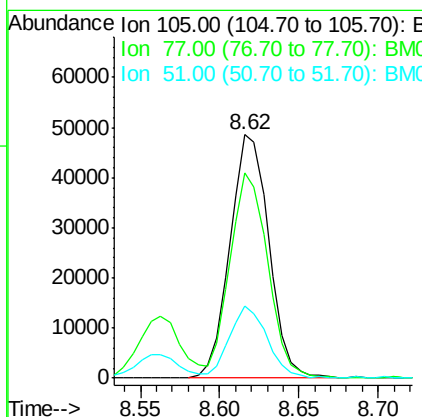
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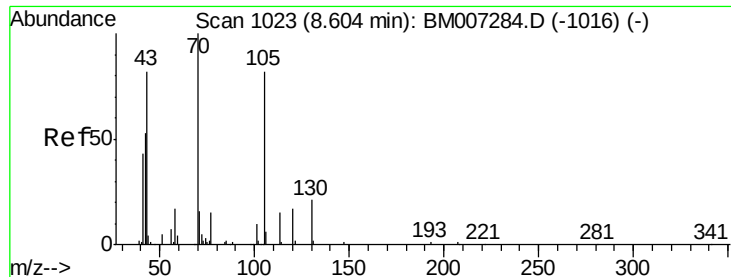
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#14
 Acetophenone
 Concen: 2.52 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.5	65.9	98.9
51	29.4	22.2	33.2





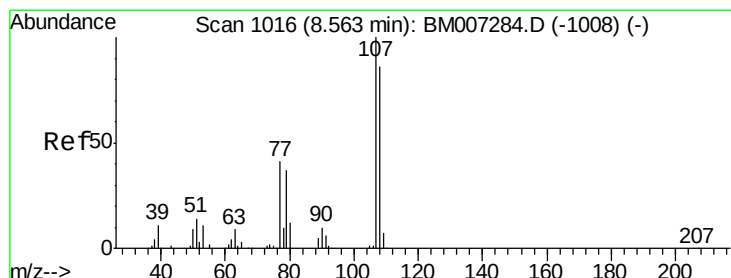
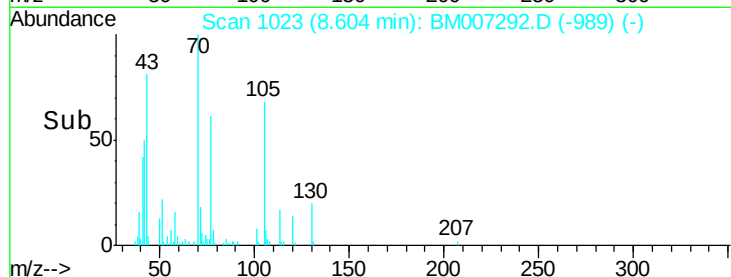
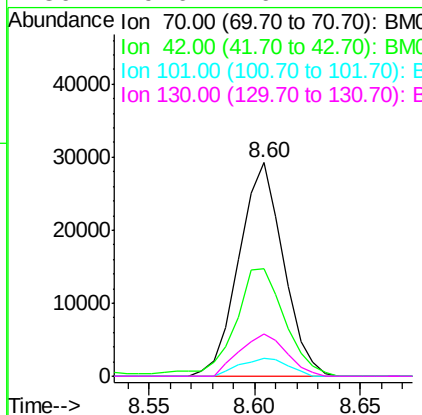
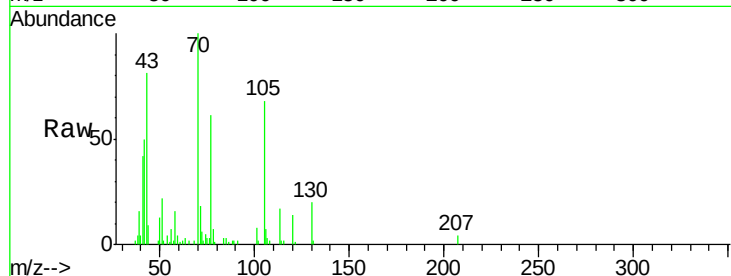
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N-Nitroso-di-n-propylamine
Concen: 2.45 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	43.4	65.2	
101	8.4	7.8	11.6	
130	19.6	16.2	24.4	

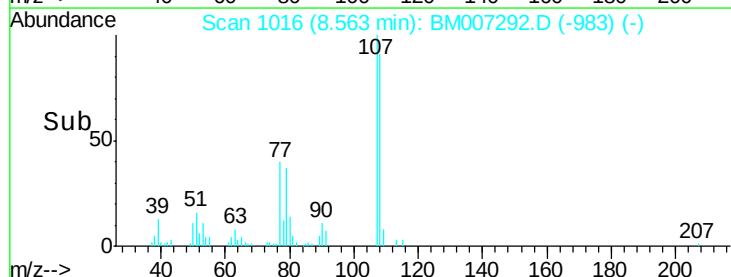
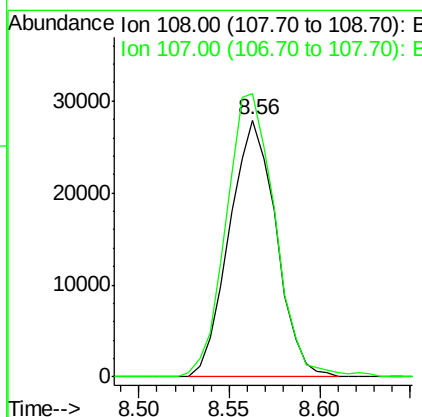
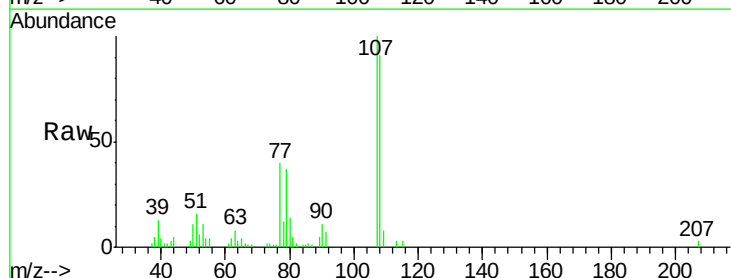
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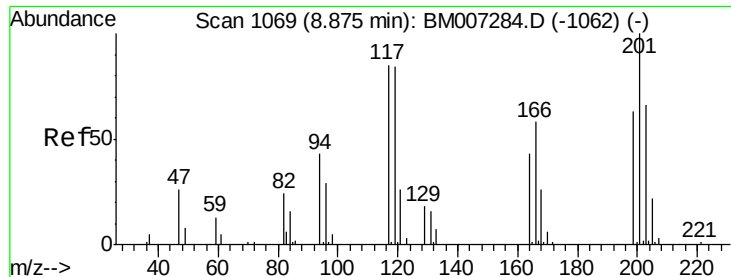
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#16
4-Methylphenol
Concen: 2.25 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	110.2	87.8	131.8	





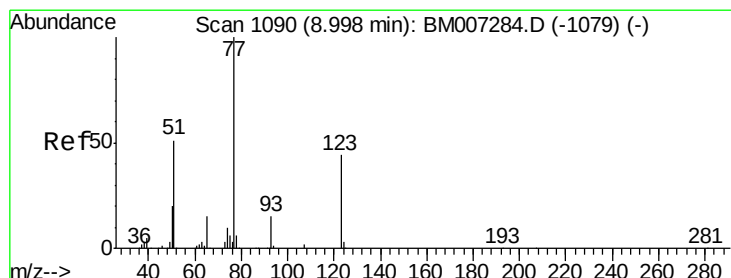
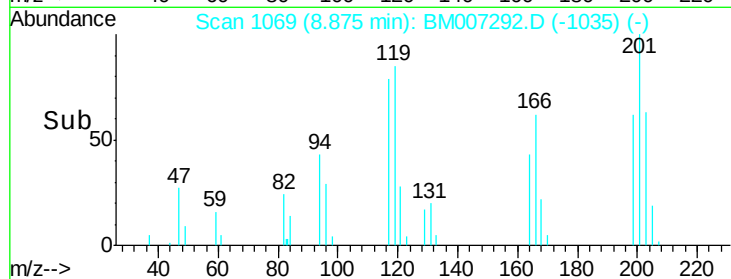
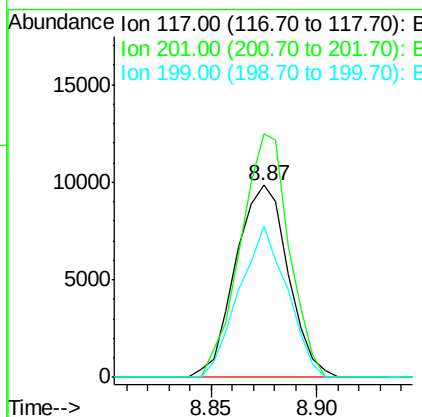
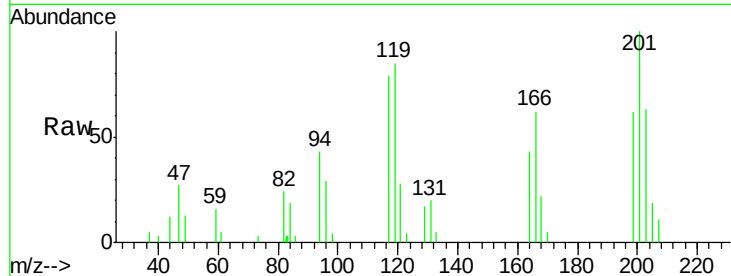
#17
 Hexachloroethane
 Concen: 2.35 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion:	117	Resp:	16979
Ion Ratio	Lower	Upper	
117	100		
201	126.7	90.3	135.5
199	79.1	58.5	87.7

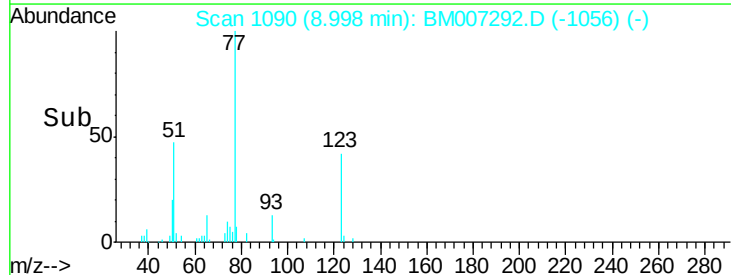
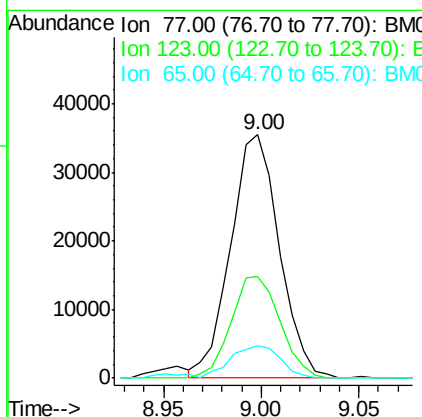
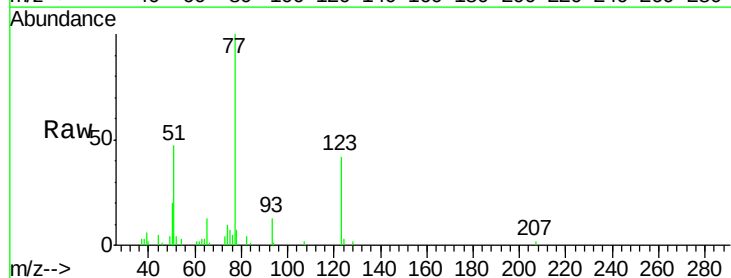
Manual Integrations
 APPROVED

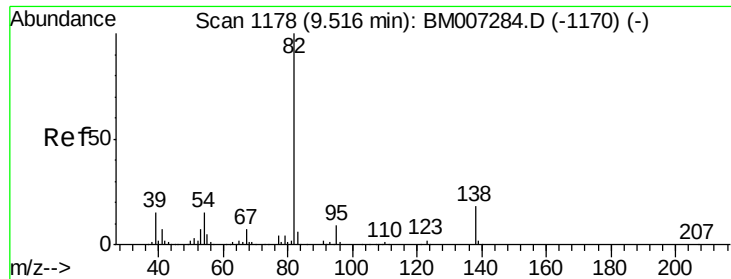
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#20
 Nitrobenzene
 Concen: 2.47 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion:	77	Resp:	61368
Ion Ratio	Lower	Upper	
77	100		
123	41.9	34.2	51.4
65	13.4	11.0	16.6





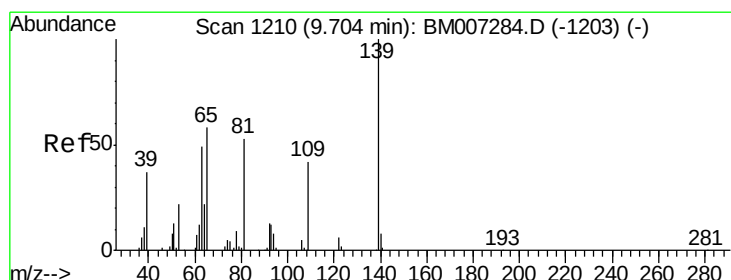
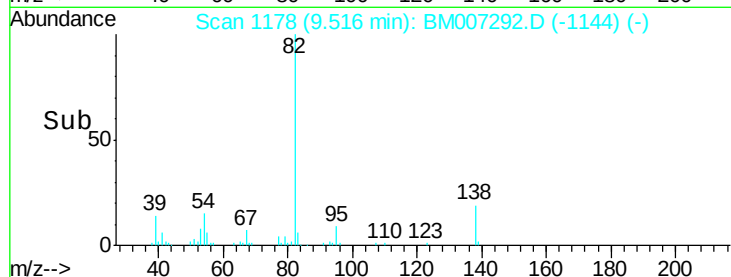
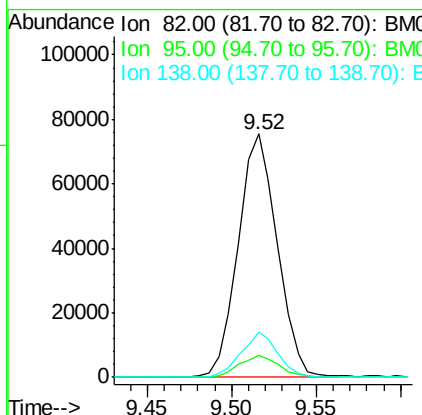
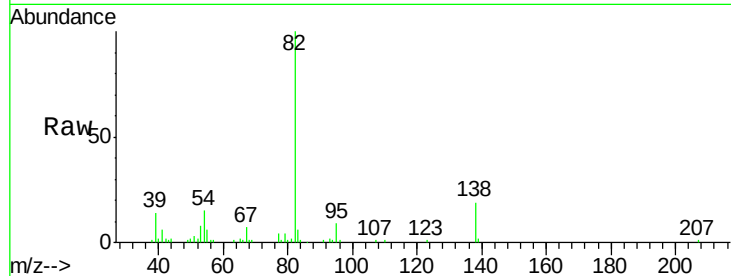
#21
Isophorone
Concen: 2.40 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.9	6.9	10.3
138	18.7	13.8	20.8

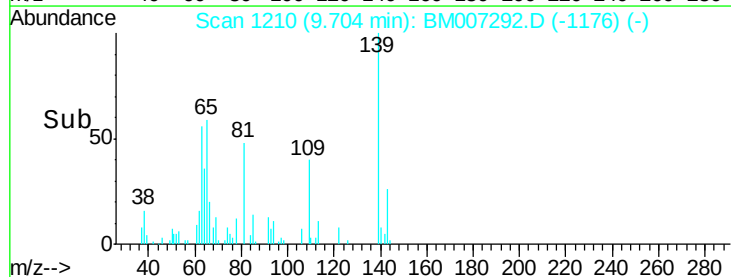
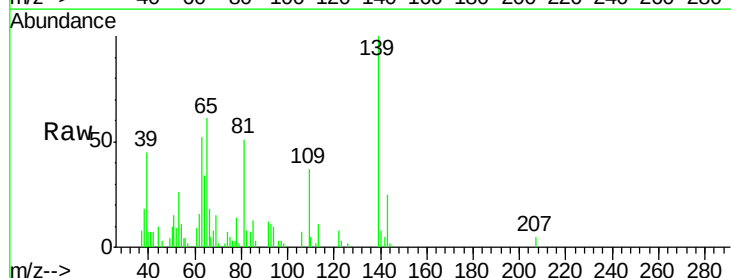
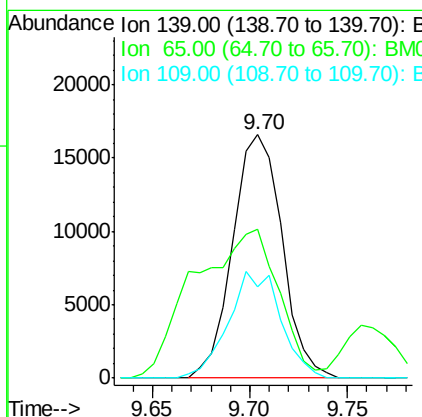
Manual Integrations
APPROVED

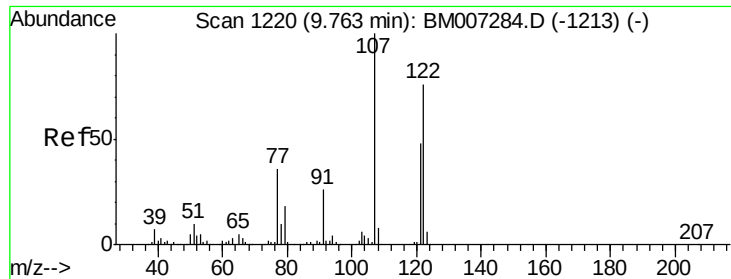
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#23
2-Nitrophenol
Concen: 2.37 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	61.3	44.2	66.4
109	37.4	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 2.28 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

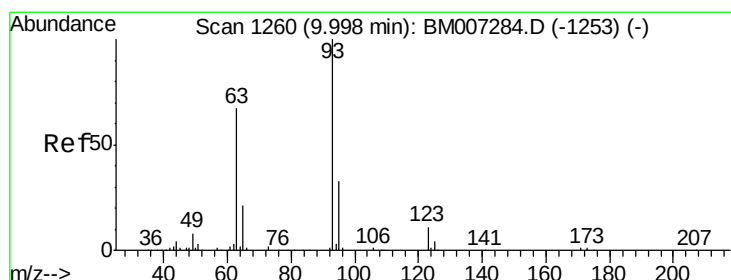
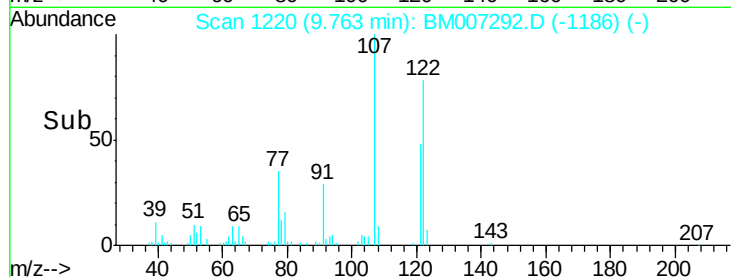
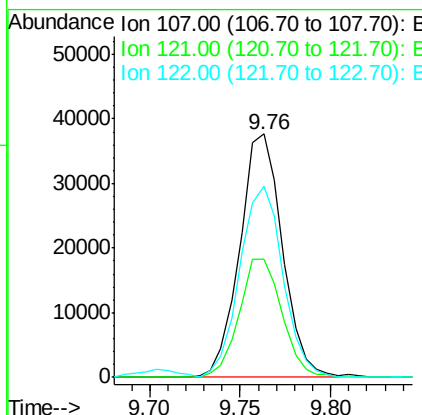
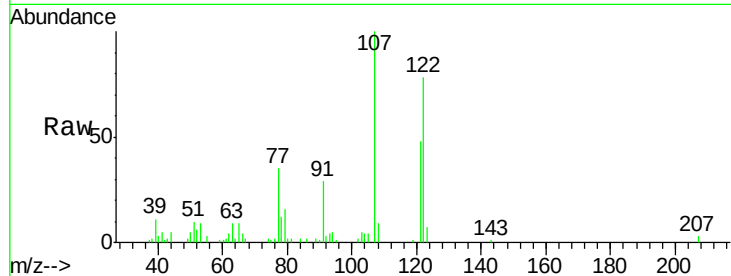
ClientSampled :

MDL-07-S-ML

Tgt Ion:	107	Resp:	61780
Ion Ratio	Lower	Upper	
107	100		
121	48.3	37.1	55.7
122	78.4	62.8	94.2

Manual Integrations
APPROVED

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.29 ng/ul

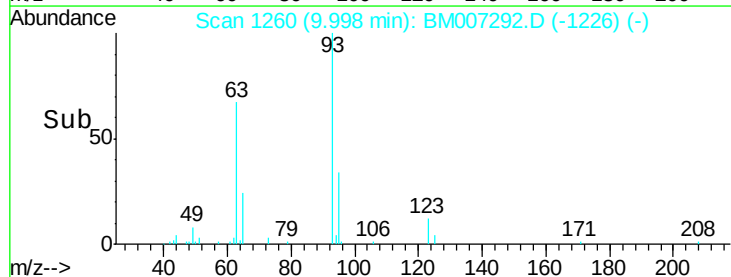
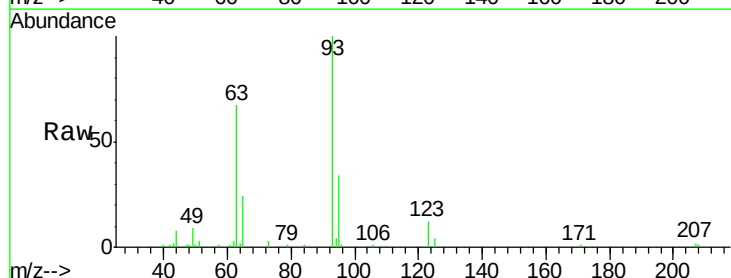
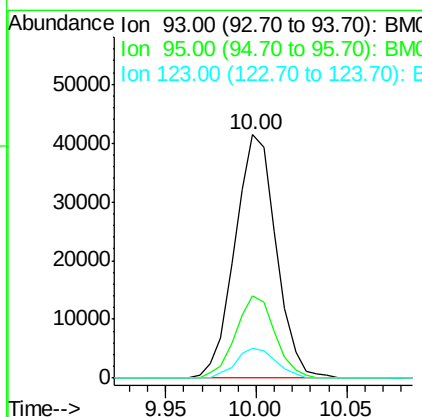
RT: 10.00 min Scan# 1260

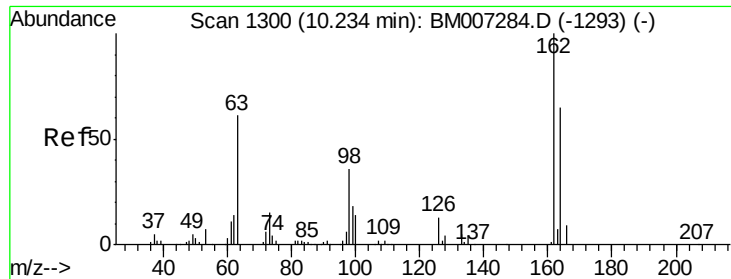
Delta R.T. -0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	93	Resp:	65442
Ion Ratio	Lower	Upper	
93	100		
95	33.6	25.4	38.0
123	12.1	8.3	12.5





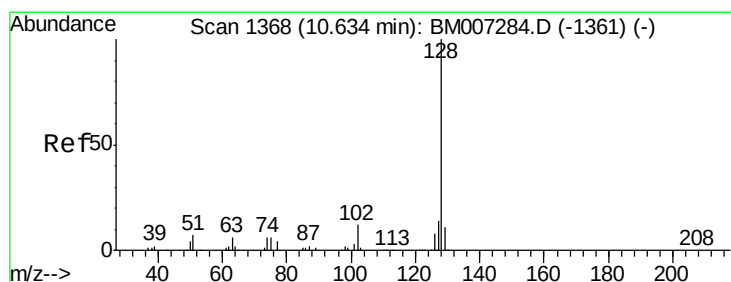
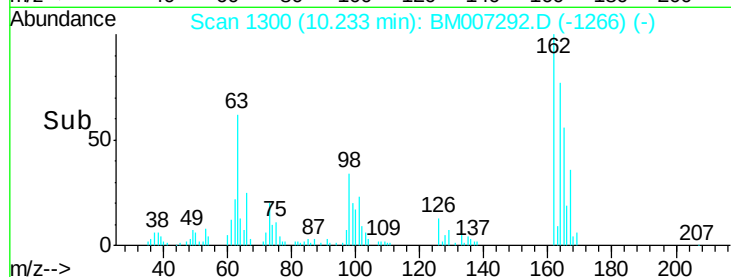
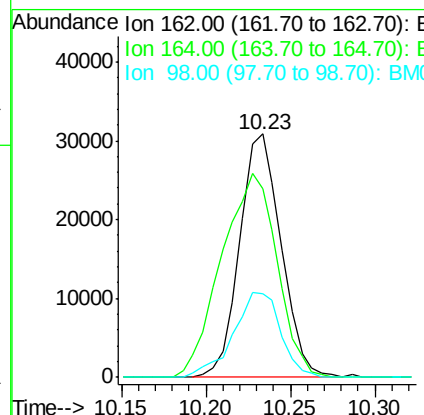
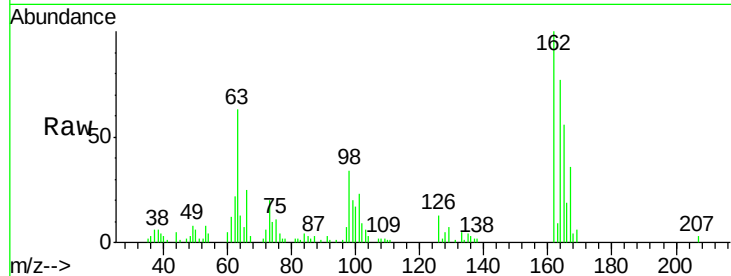
#27
2,4-Dichlorophenol
Concen: 2.36 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	52652		
164	77.4	51.6	77.4	
98	34.5	28.4	42.6	

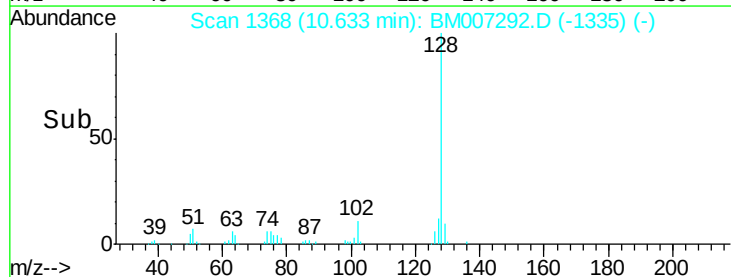
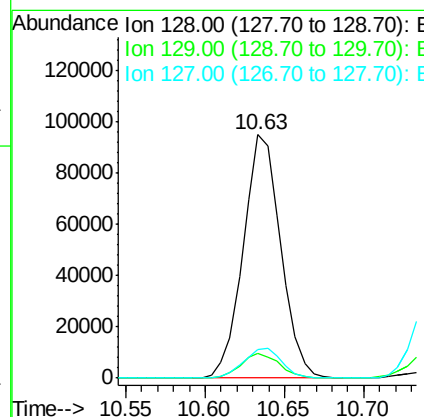
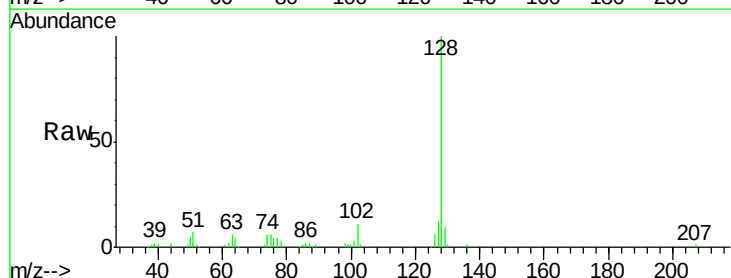
Manual Integrations
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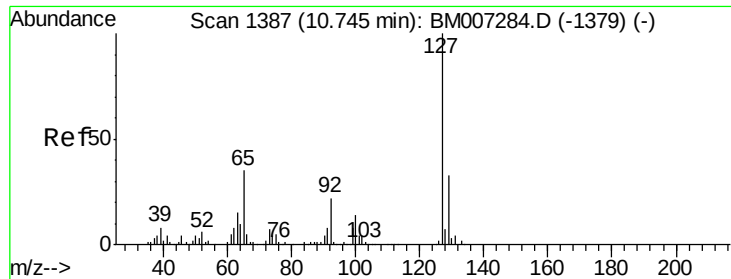
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#28
Naphthalene
Concen: 2.38 ng/ul
RT: 10.63 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	155797		
129	10.2	8.6	12.8	
127	11.9	10.6	15.8	





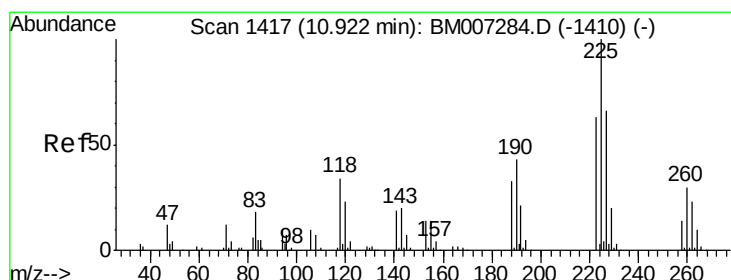
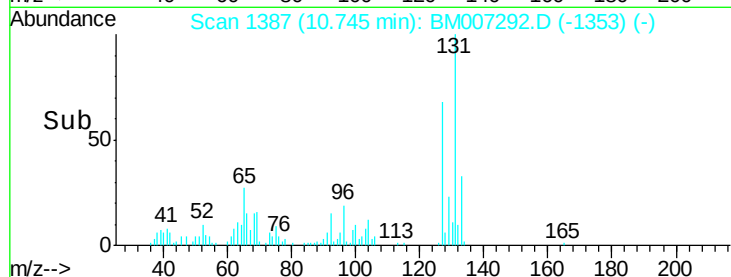
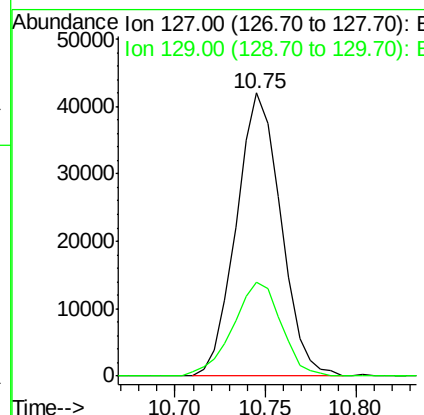
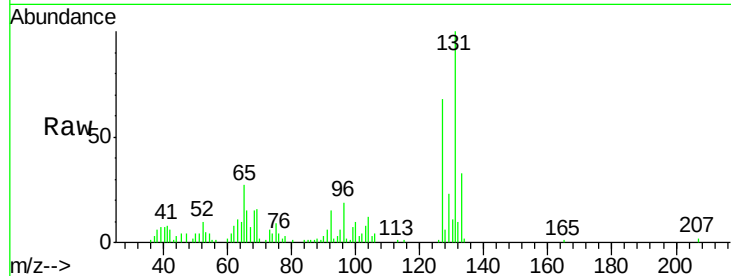
#30
4-Chloroaniline
Concen: 2.49 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.6	37.0

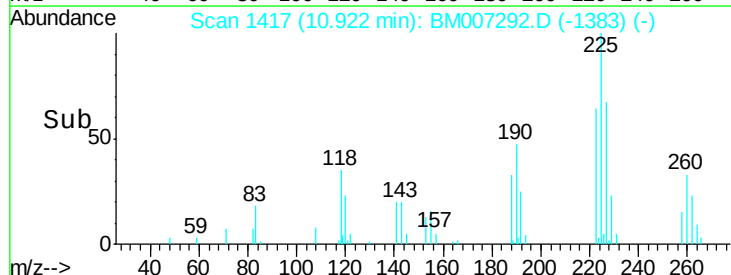
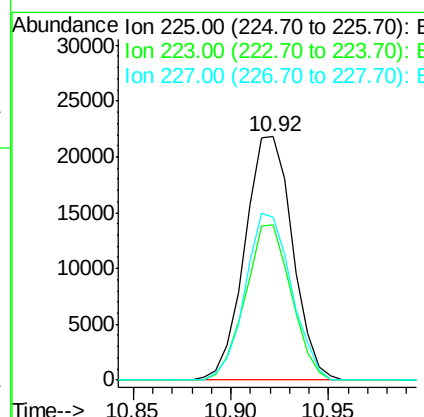
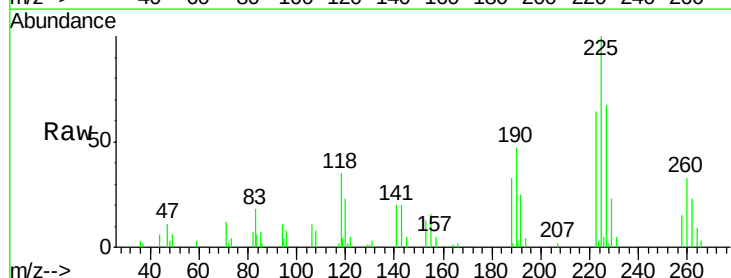
Manual Integrations
APPROVED

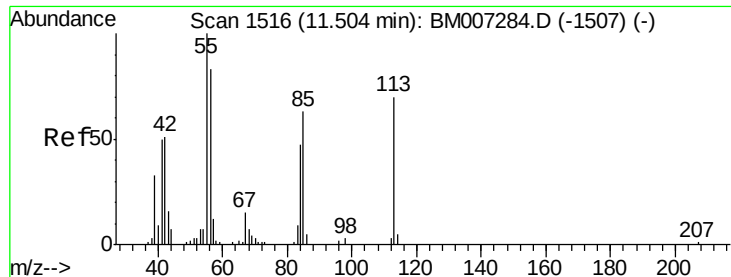
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#31
Hexachlorobutadiene
Concen: 2.45 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.2	76.8
227	66.7	52.5	78.7





#32

Caprolactam

Concen: 2.32 ng/ul m

RT: 11.56 min Scan# 1525

Delta R.T. 0.05 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

Tgt Ion:113 Resp: 20881

Ion Ratio Lower Upper

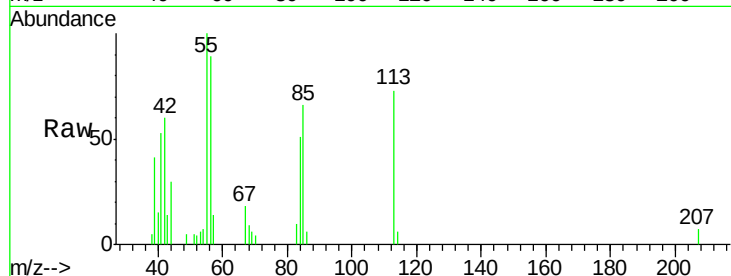
113 100

55 136.3 121.9 182.9

56 121.8 97.4 146.0

Manual Integrations
APPROVED

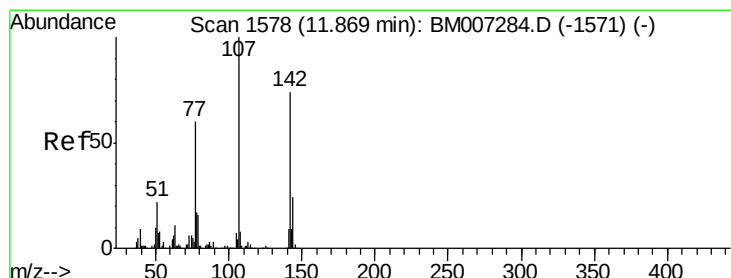
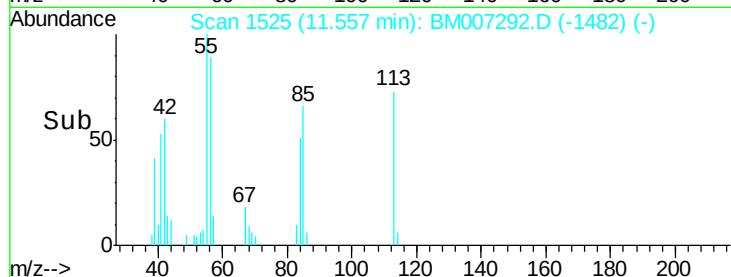
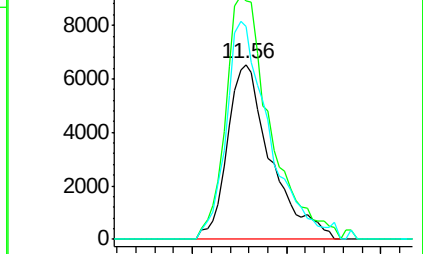
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 2.26 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

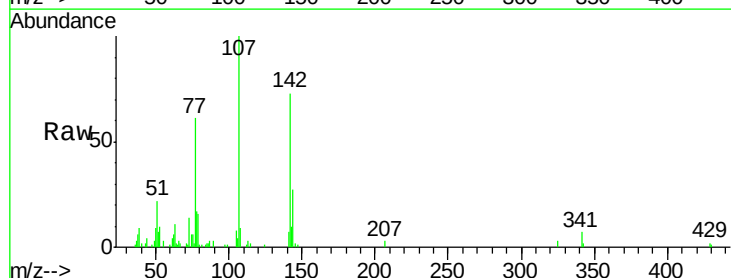
Tgt Ion:107 Resp: 62658

Ion Ratio Lower Upper

107 100

144 27.4 21.1 31.7

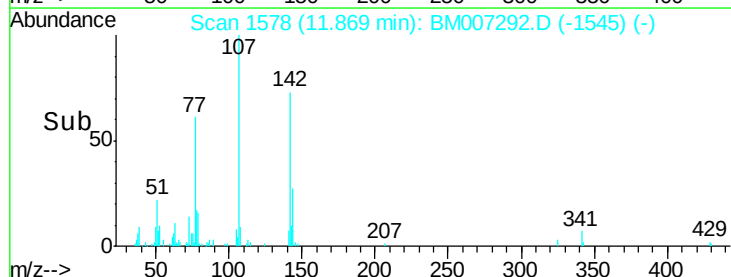
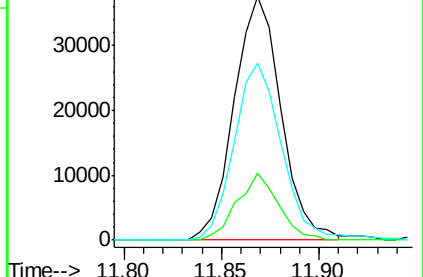
142 72.7 64.1 96.1

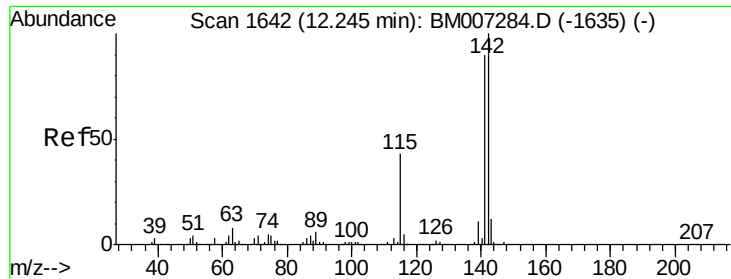


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





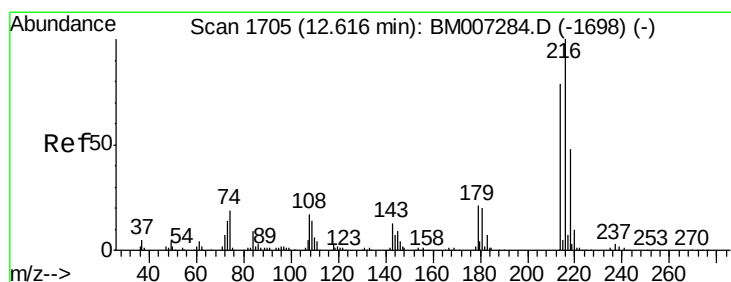
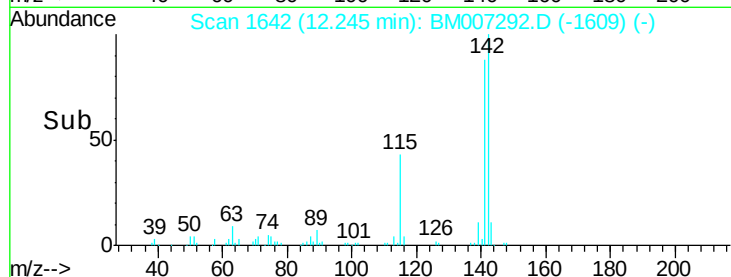
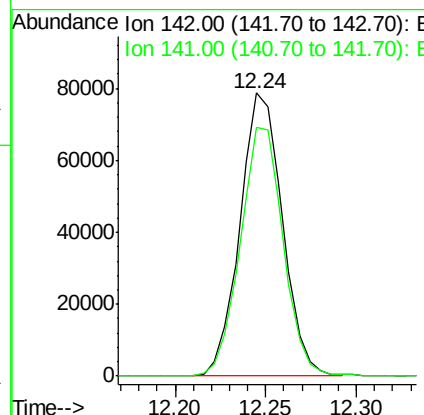
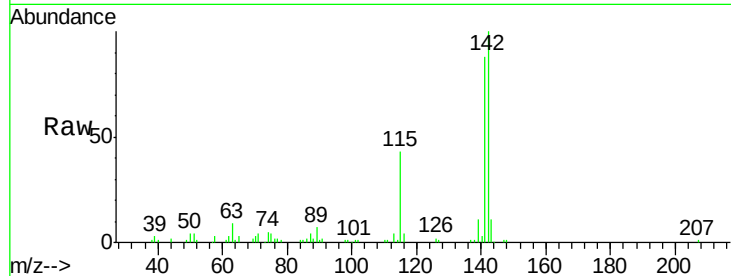
#34
 2-Methylnaphthalene
 Concen: 2.39 ng/ul
 RT: 12.24 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9

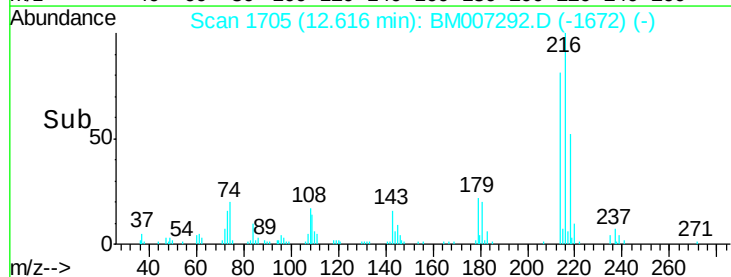
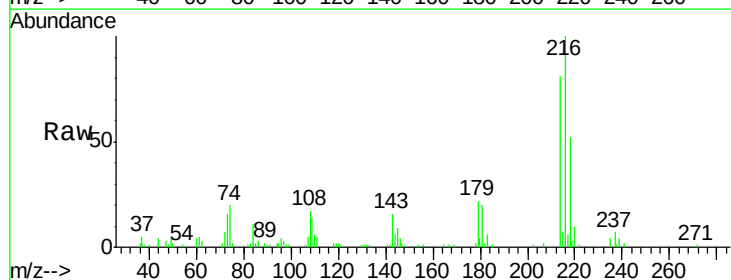
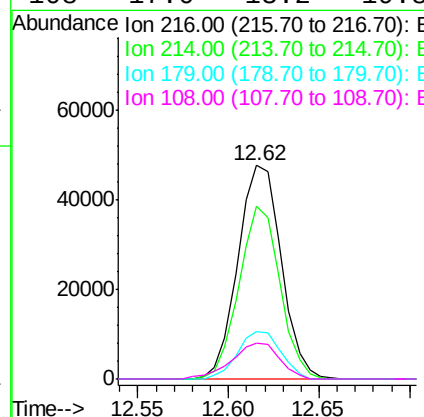
Manual Integrations
 APPROVED

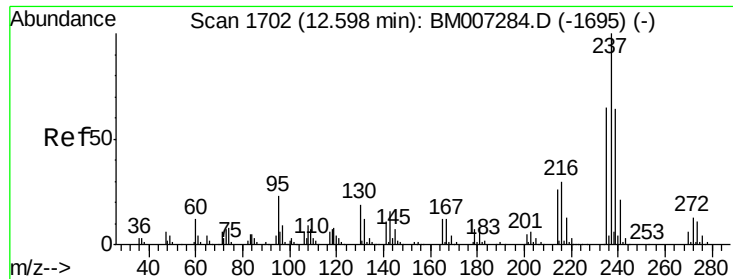
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.44 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	64.8	97.2
179	22.0	16.7	25.1
108	17.0	13.2	19.8





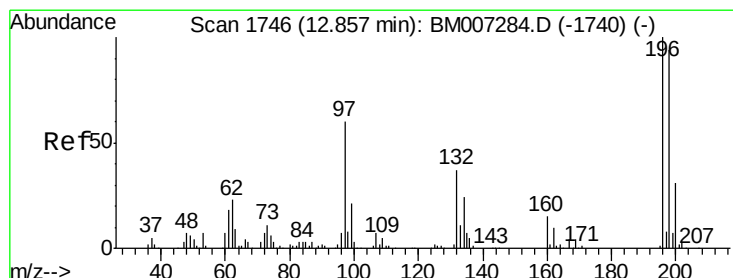
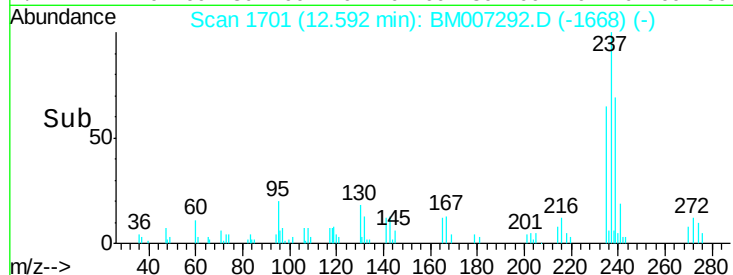
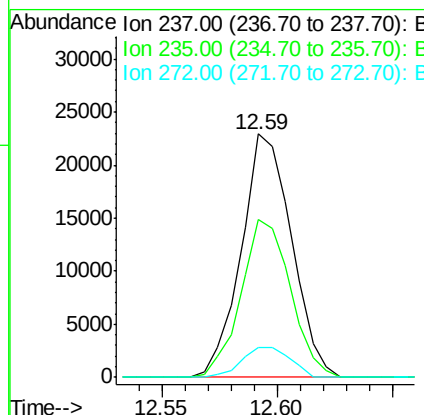
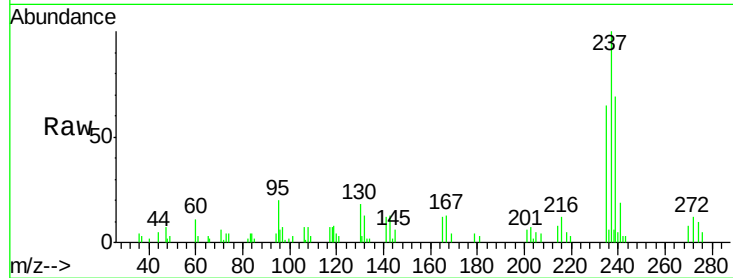
#37
Hexachlorocyclopentadiene
Concen: 1.78 ng/ul
RT: 12.59 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	49.6	74.4
272	12.2	10.4	15.6

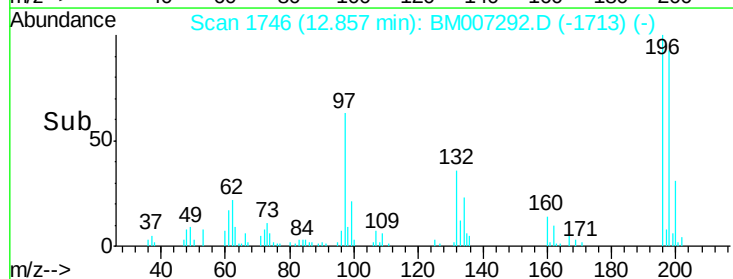
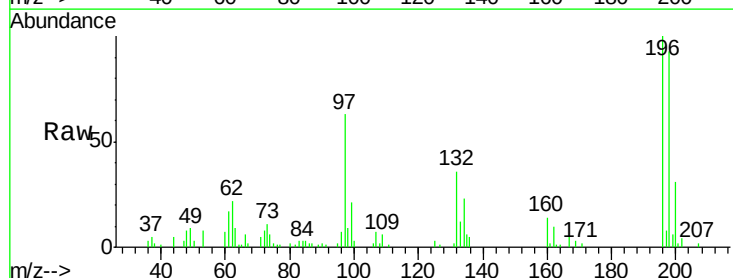
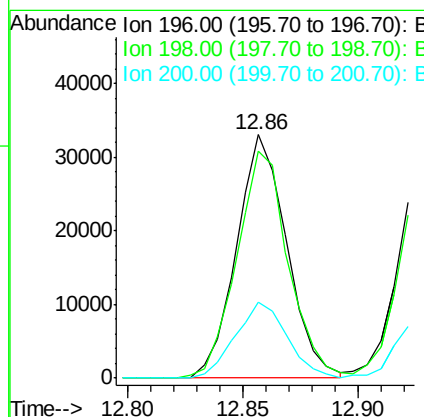
Manual Integrations
APPROVED

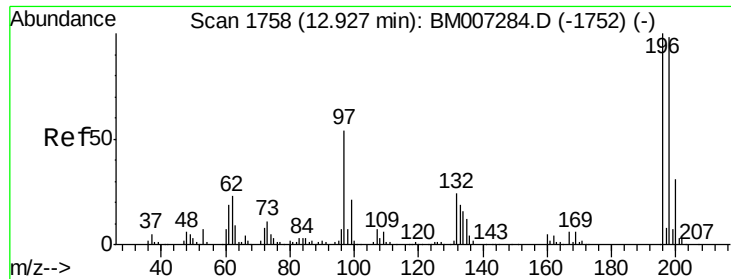
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#38
2,4,6-Trichlorophenol
Concen: 2.18 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.1	76.9	115.3
200	31.4	25.1	37.7





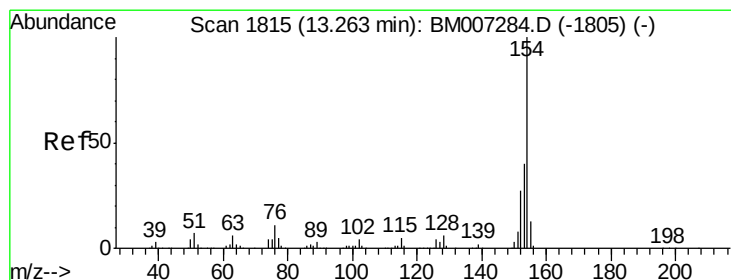
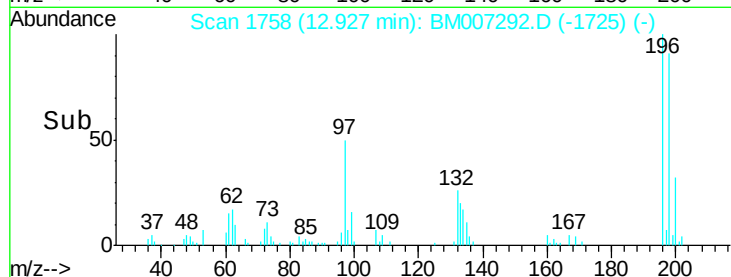
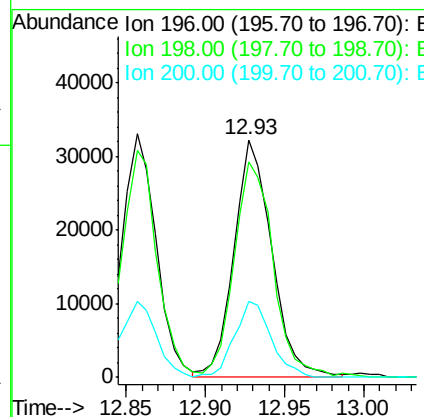
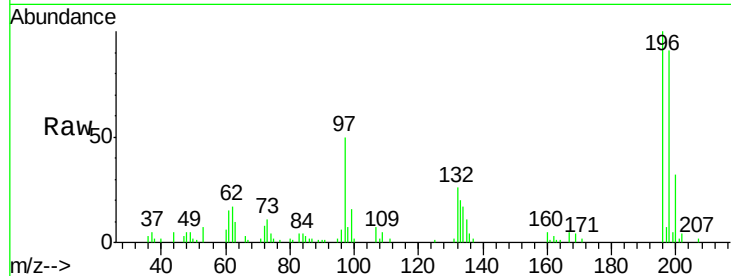
#39
 2,4,5-Trichlorophenol
 Concen: 2.23 ng/ul
 RT: 12.93 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53646		
198	90.7	76.8	115.2	
200	31.8	27.0	40.4	

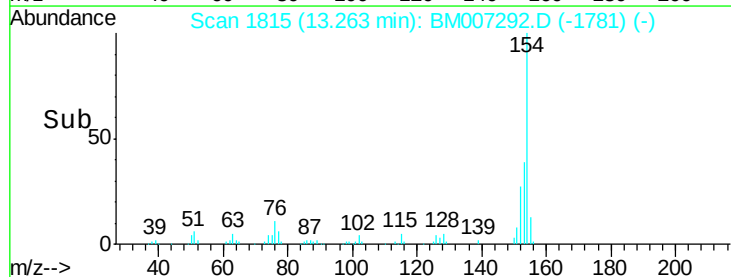
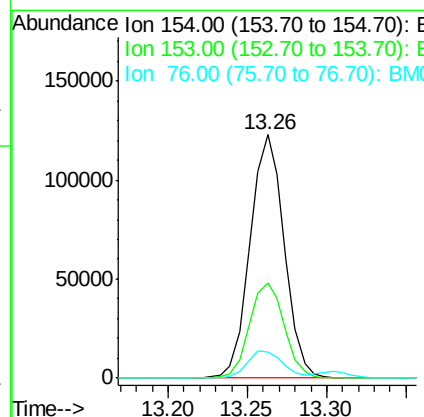
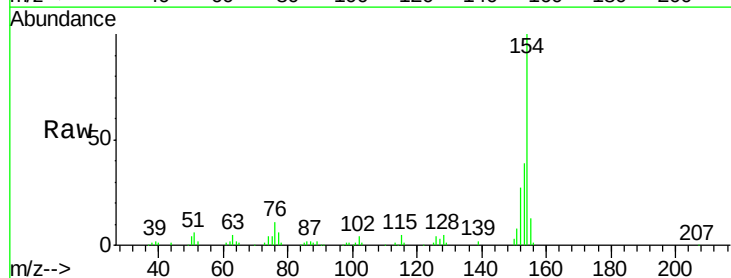
Manual Integrations
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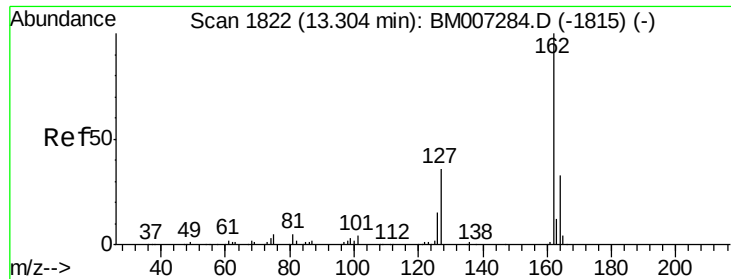
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#40
 1,1'-Biphenyl
 Concen: 2.43 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	184244		
153	39.0	31.3	46.9	
76	10.9	10.0	15.0	





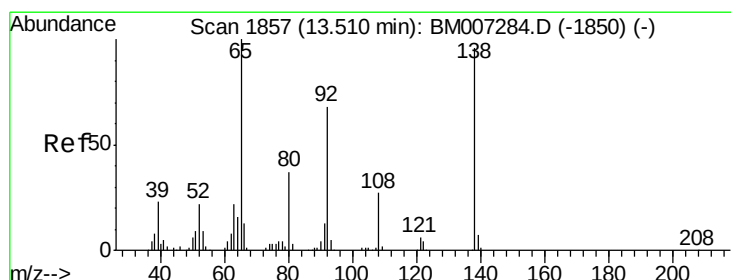
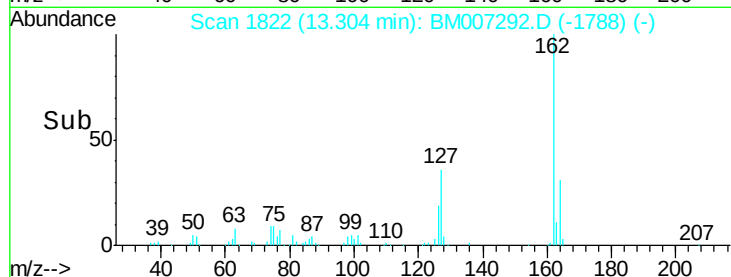
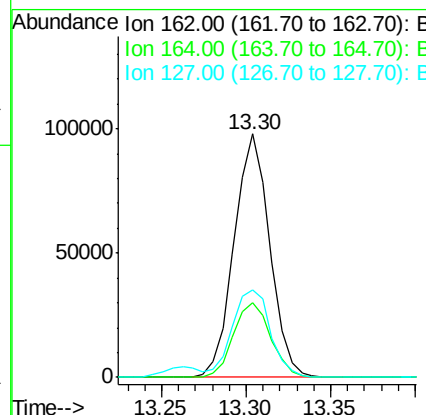
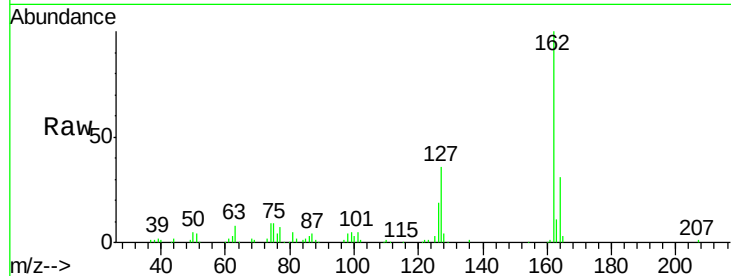
#41
2-Chloronaphthalene
Concen: 2.42 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.8	26.9	40.3
127	36.1	31.2	46.8

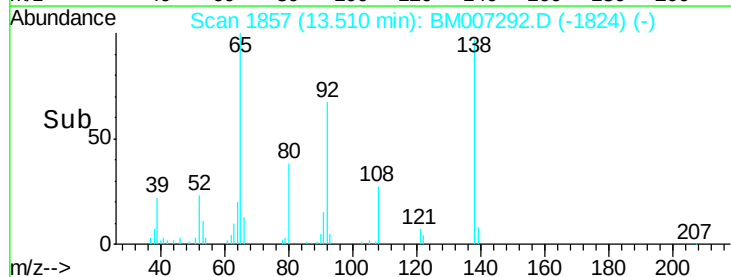
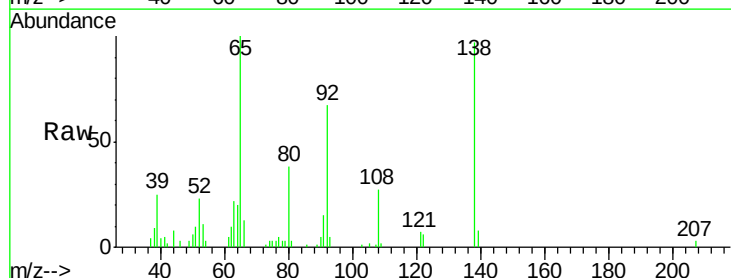
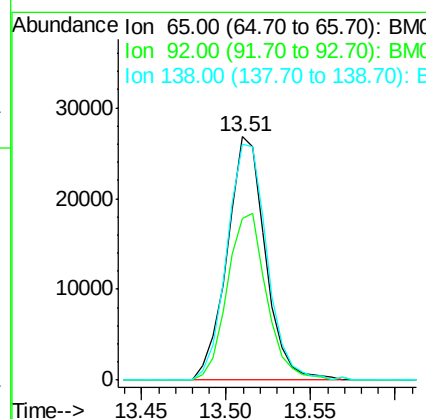
Manual Integrations
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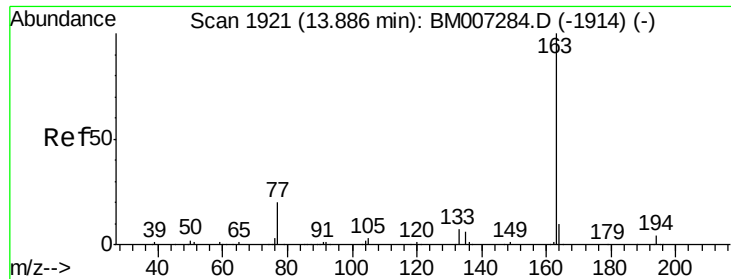
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#42
2-Nitroaniline
Concen: 2.18 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	55.6	83.4
138	97.2	81.3	121.9





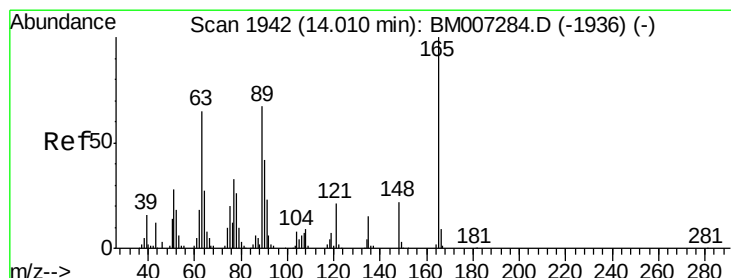
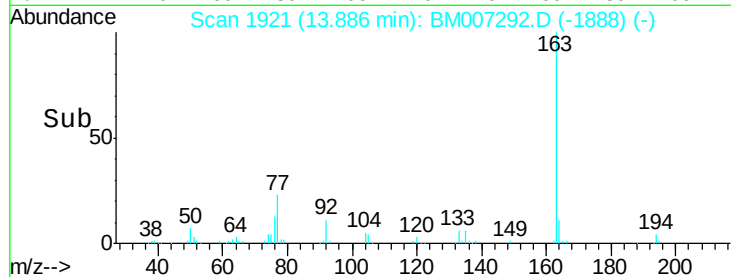
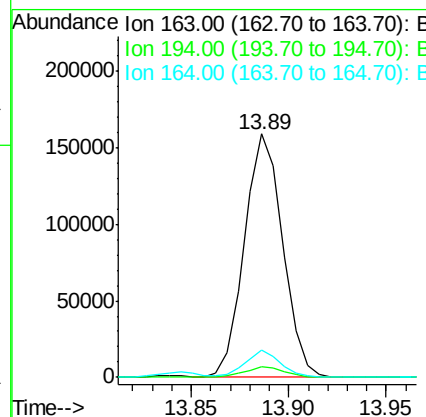
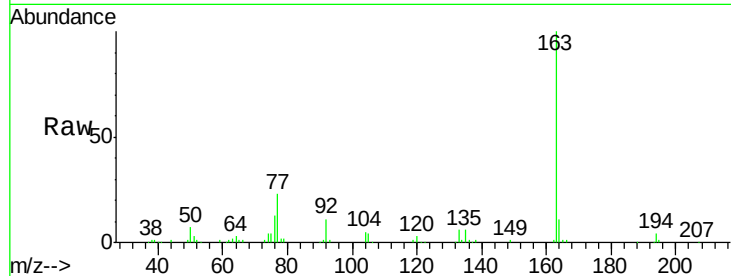
#44
Dimethylphthalate
Concen: 2.58 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	216866		
194	4.4		3.4	5.2
164	11.1		7.8	11.8

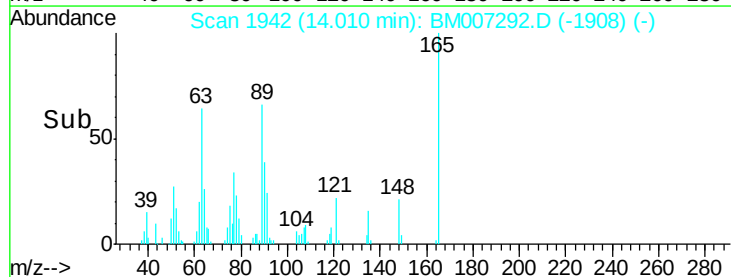
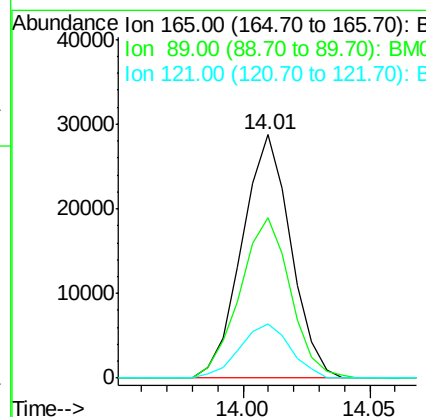
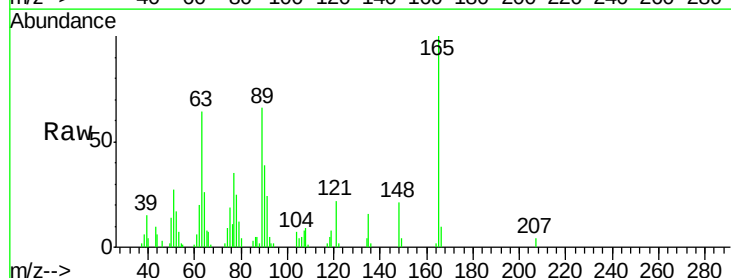
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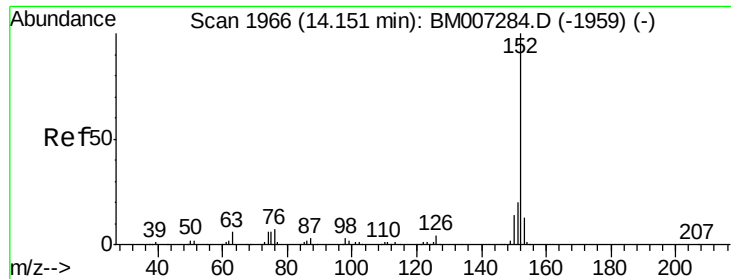
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#45
2,6-Dinitrotoluene
Concen: 2.25 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38628		
89	65.7		46.6	69.8
121	22.3		16.0	24.0





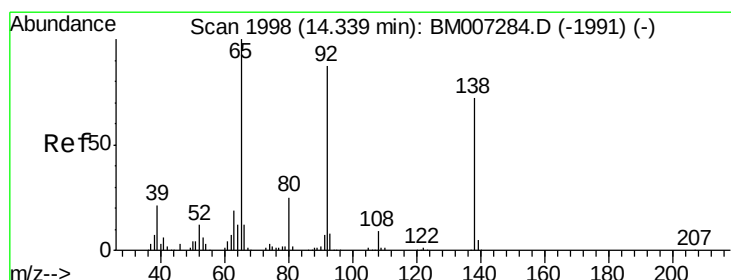
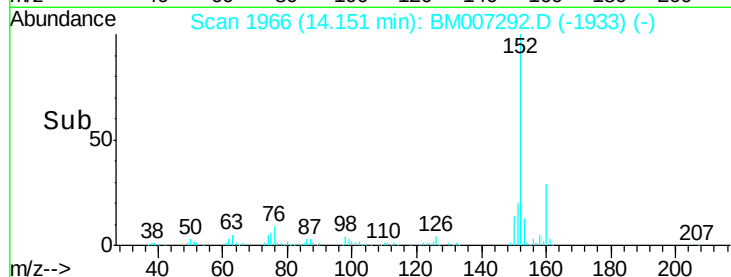
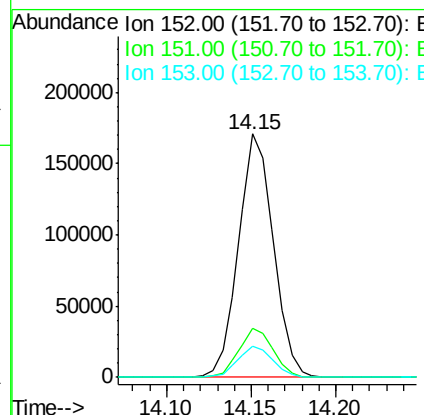
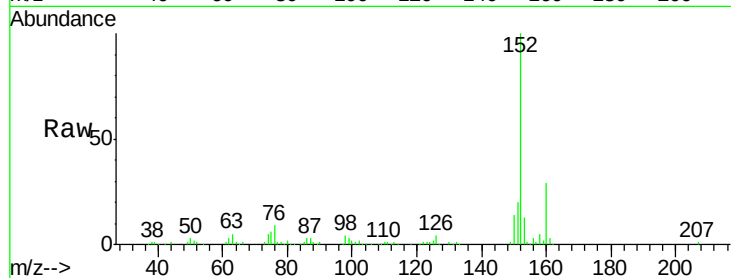
#47
Acenaphthylene
Concen: 2.44 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	245575		
151	20.3		16.0	24.0
153	12.9		11.0	16.6

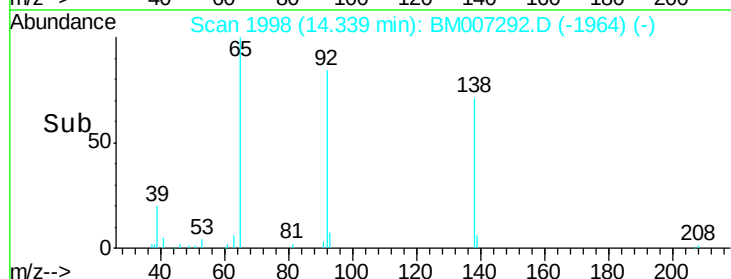
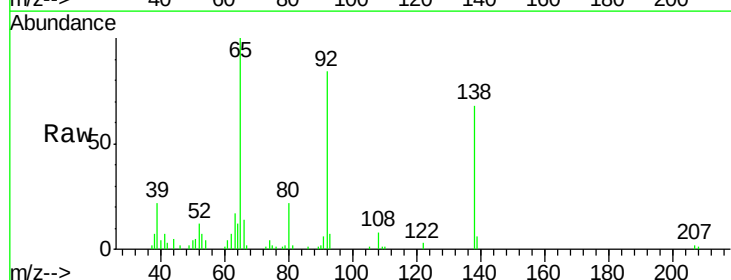
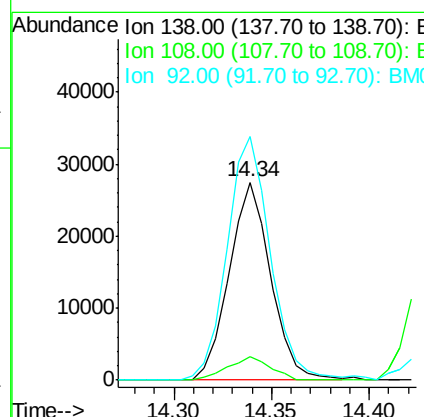
Manual Integrations
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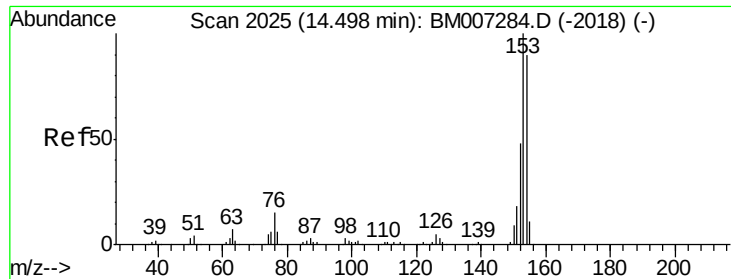
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#48
3-Nitroaniline
Concen: 2.31 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	40424		
108	11.8		9.4	14.0
92	123.2		96.6	145.0





#49

Acenaphthene

Concen: 2.45 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

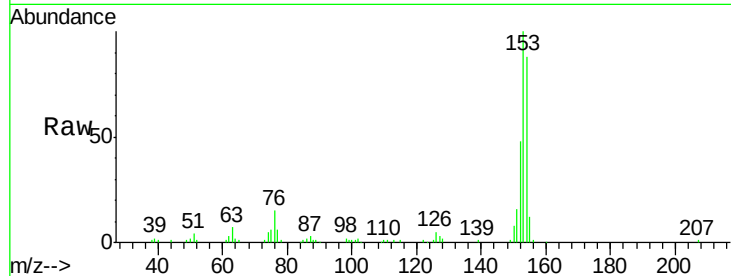
ClientSampled :

MDL-07-S-ML

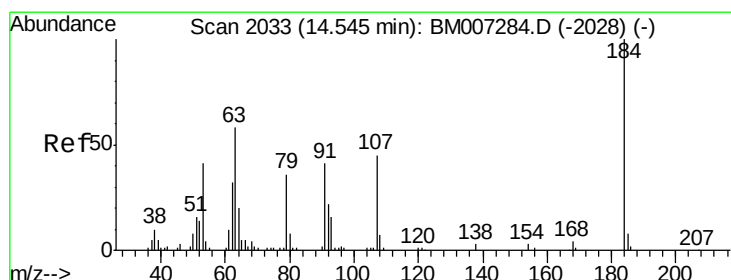
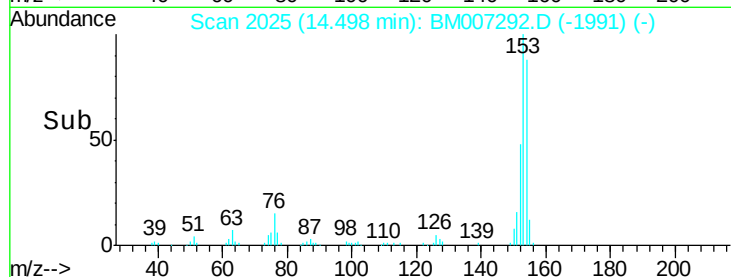
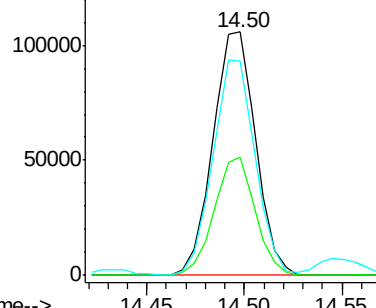
Tgt Ion:	153	Resp:	160452
Ion Ratio	Lower	Upper	
153	100		
152	48.5	37.8	56.6
154	88.0	71.4	107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.68 ng/ul

RT: 14.55 min Scan# 2034

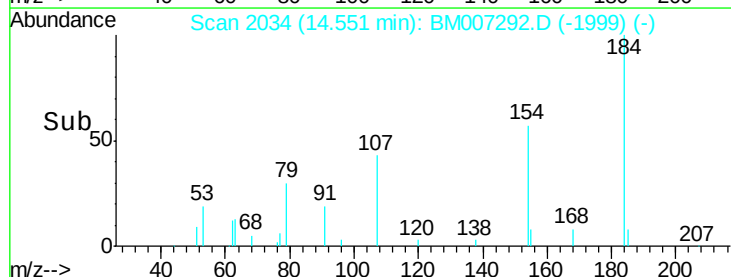
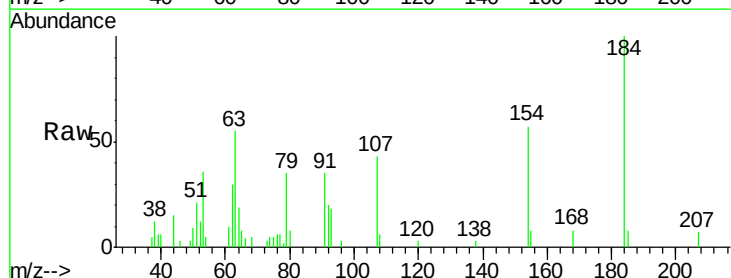
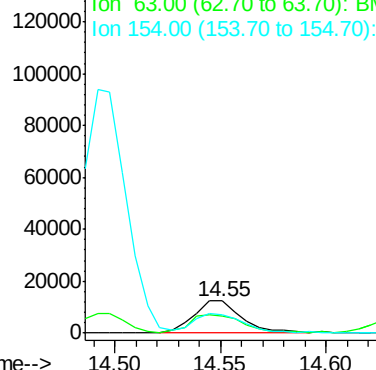
Delta R.T. 0.01 min

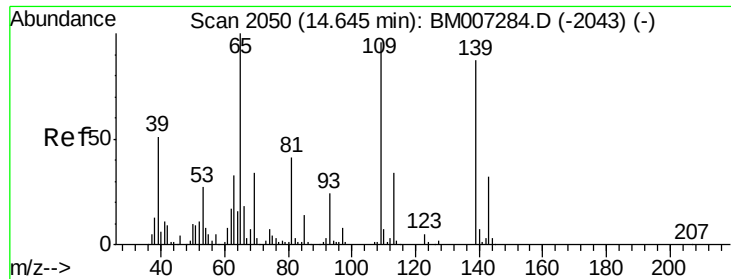
Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	184	Resp:	19617
Ion Ratio	Lower	Upper	
184	100		
63	55.3	43.4	65.0
154	57.3	48.2	72.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 2.74 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

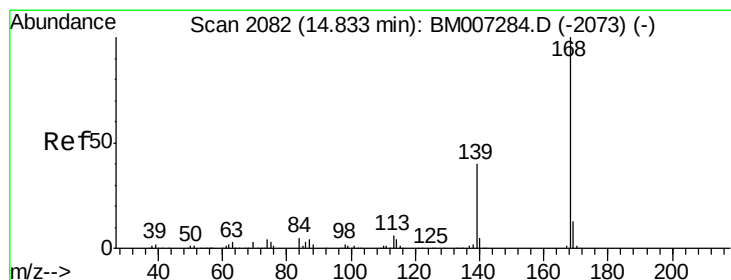
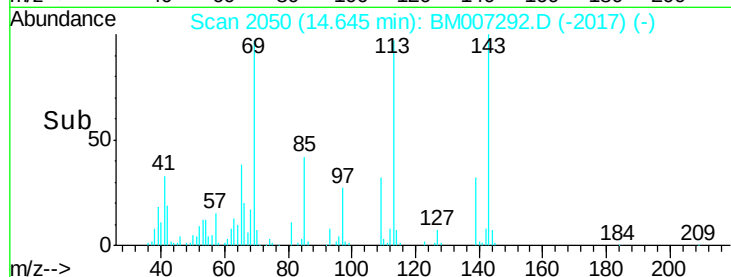
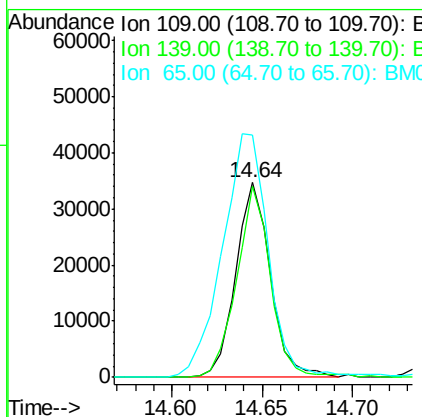
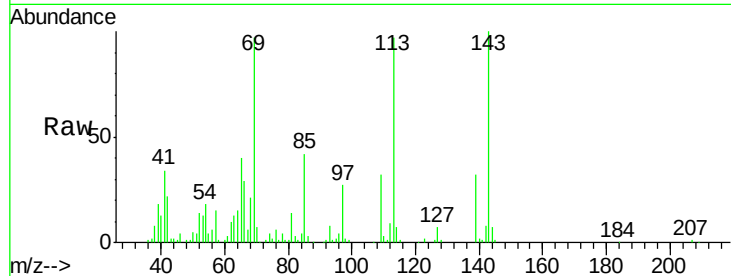
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	109	Resp:	46342
Ion Ratio	Lower	Upper	
109	100		
139	98.2	88.7	133.1
65	124.5	96.4	144.6

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#53

Dibenzofuran

Concen: 2.43 ng/ul

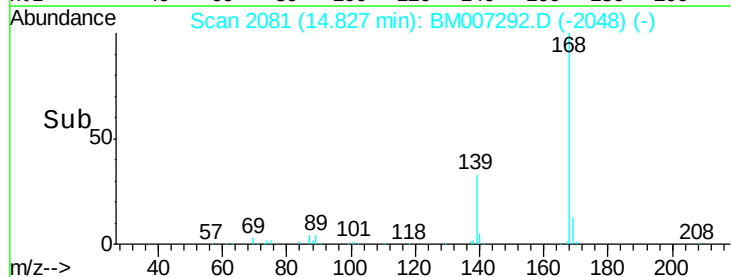
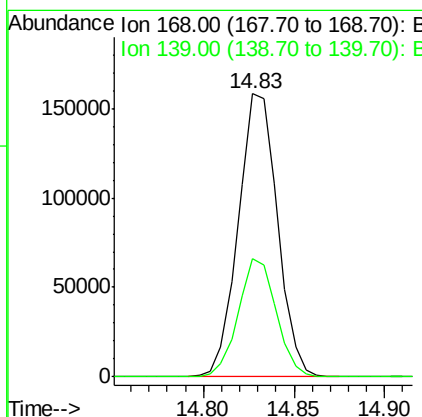
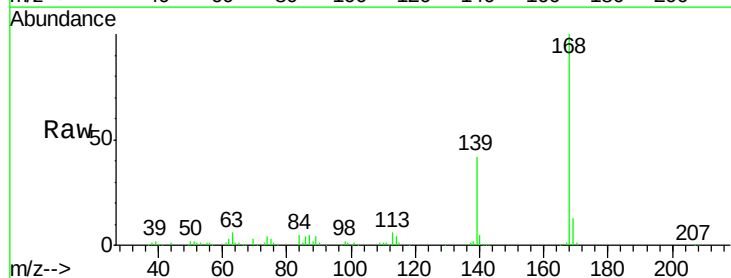
RT: 14.83 min Scan# 2081

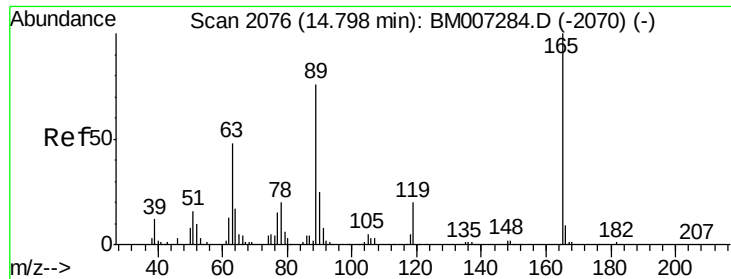
Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	168	Resp:	238154
Ion Ratio	Lower	Upper	
168	100		
139	41.6	30.1	45.1





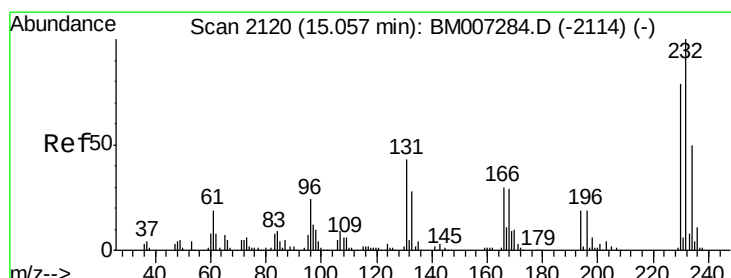
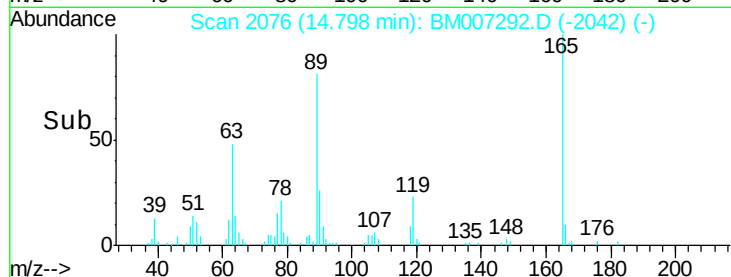
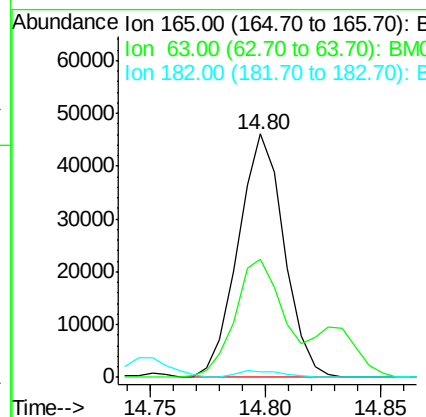
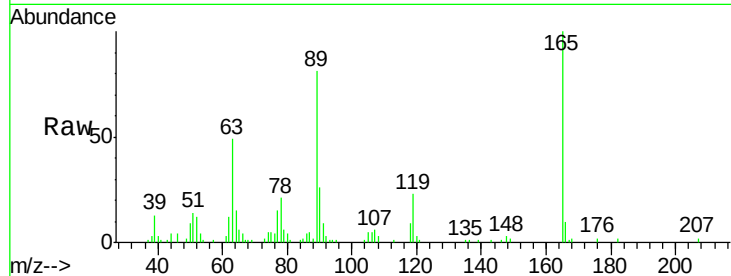
#54
 2,4-Dinitrotoluene
 Concen: 2.43 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64051		
63	48.6	36.2	54.2	
182	2.4	2.2	3.4	

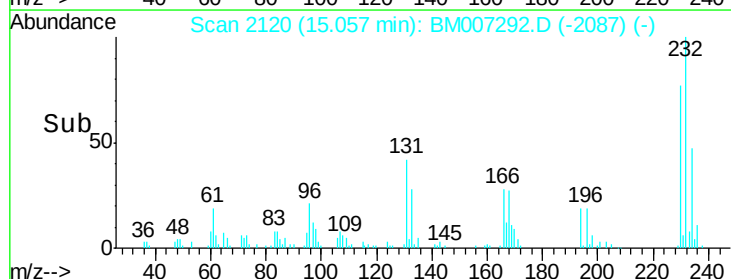
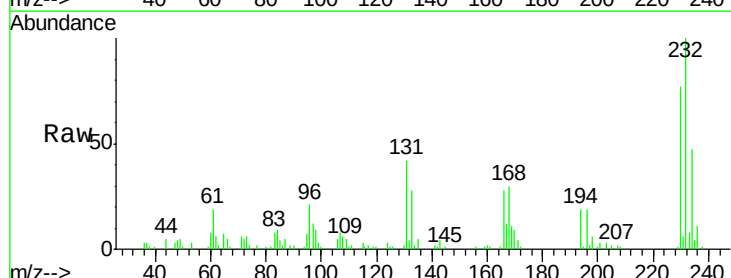
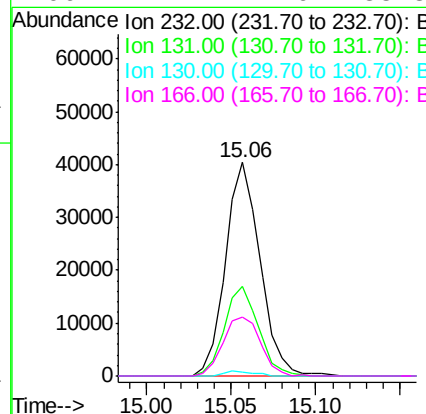
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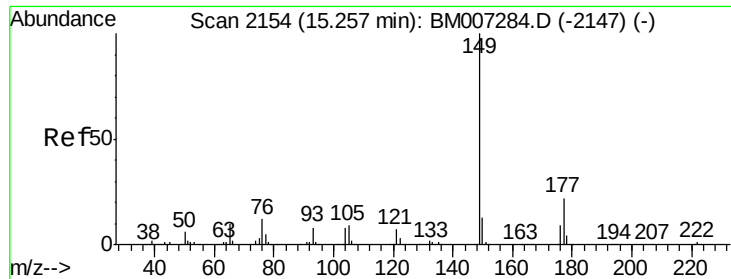
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.33 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	57458		
131	42.2	31.4	47.0	
130	2.0	1.6	2.4	
166	27.7	22.6	33.8	





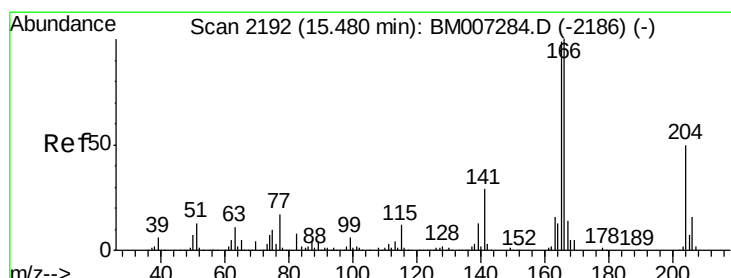
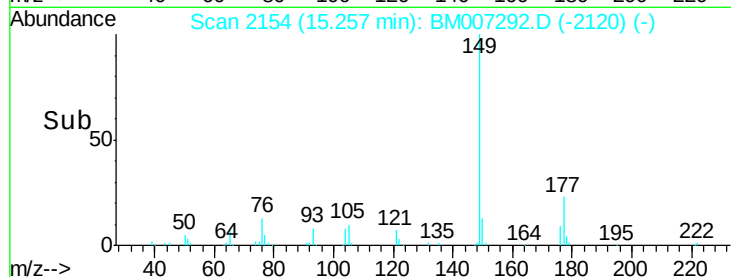
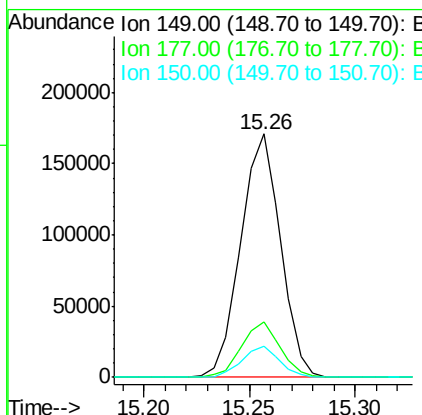
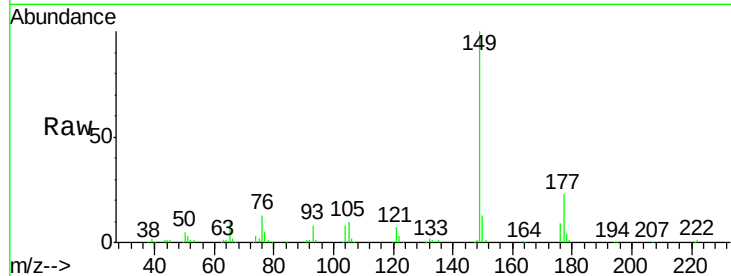
#56
Diethylphthalate
Concen: 2.55 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	223204		
177	22.8	18.6	28.0	
150	12.5	10.0	15.0	

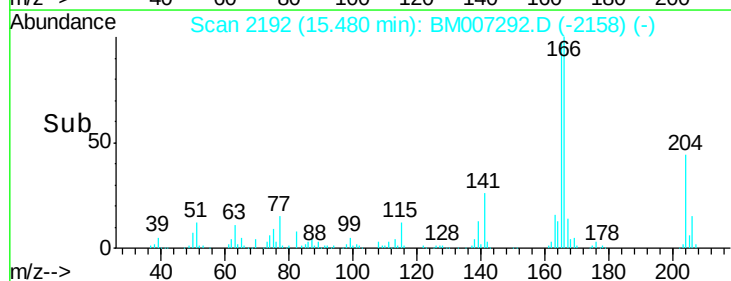
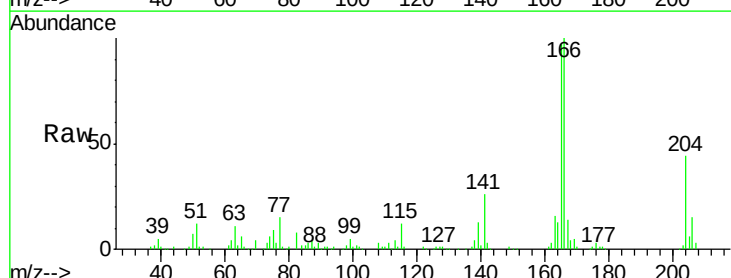
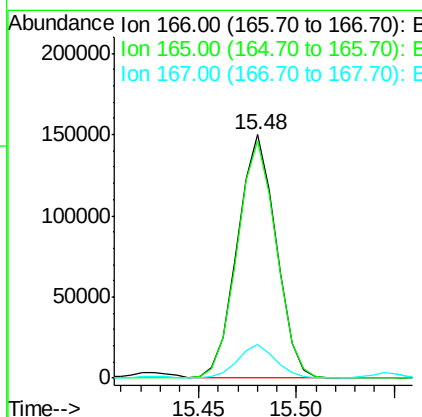
Manual Integrations
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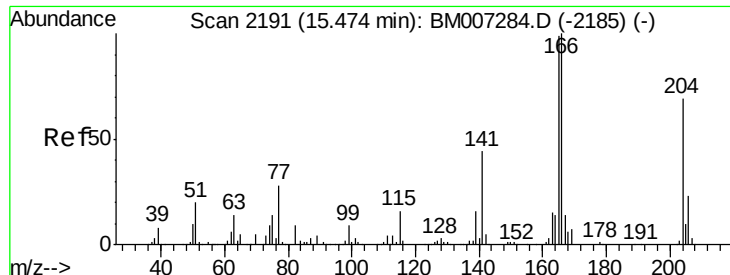
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#58
Fluorene
Concen: 2.56 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	206248		
165	97.4	79.9	119.9	
167	13.8	10.5	15.7	





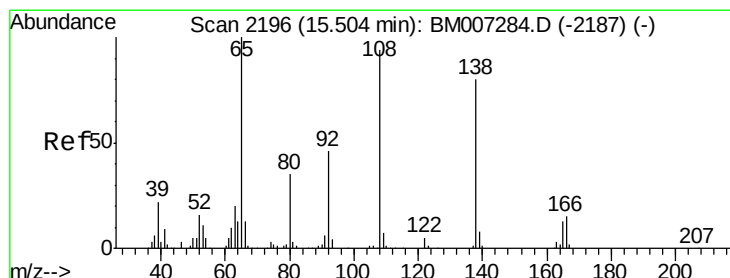
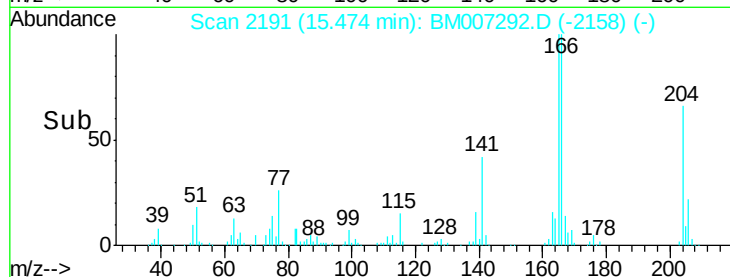
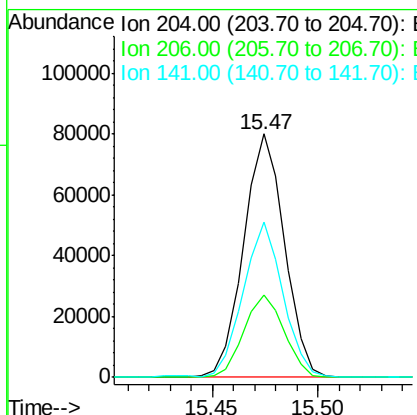
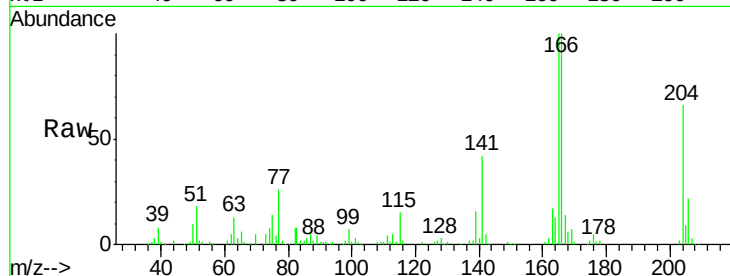
#59
 4-Chlorophenyl-phenylether
 Concen: 2.55 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	107431		
206	33.7	25.9	38.9	
141	64.0	46.1	69.1	

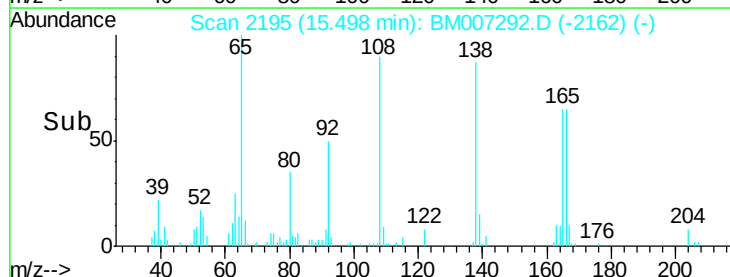
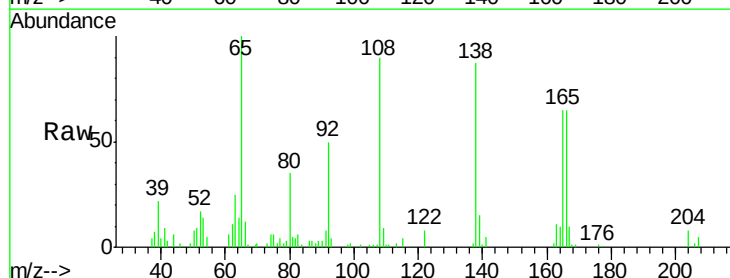
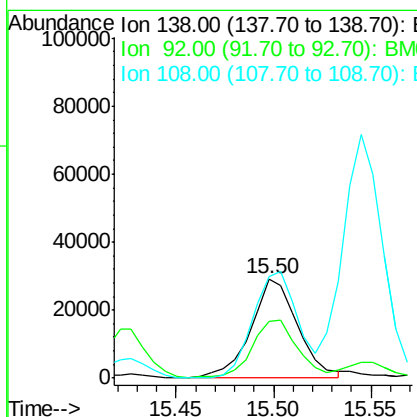
Manual Integrations
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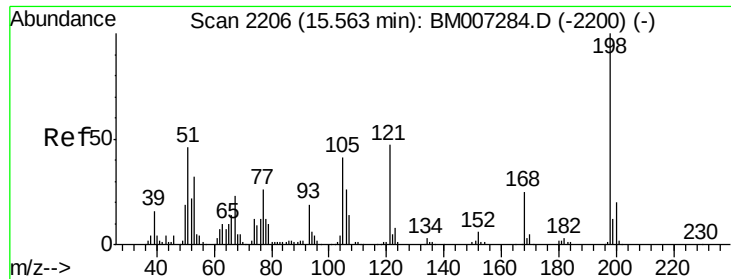
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#60
 4-Nitroaniline
 Concen: 2.45 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	48644		
92	57.3	43.5	65.3	
108	102.9	80.3	120.5	





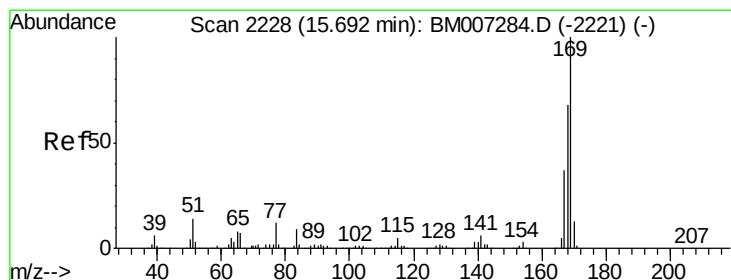
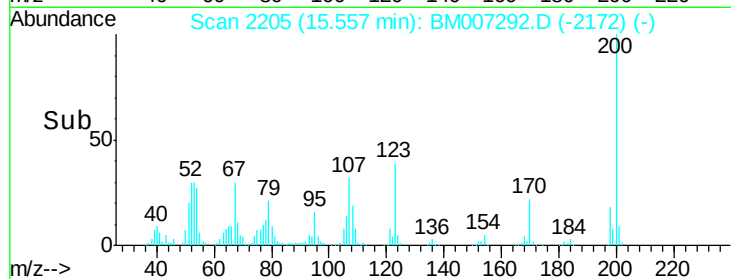
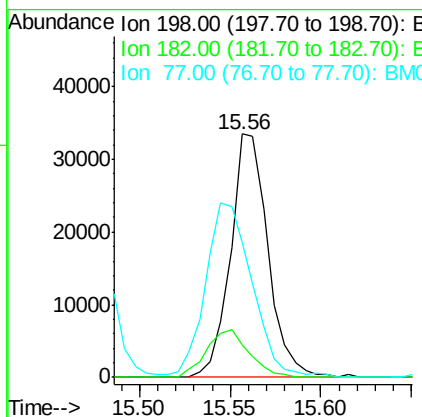
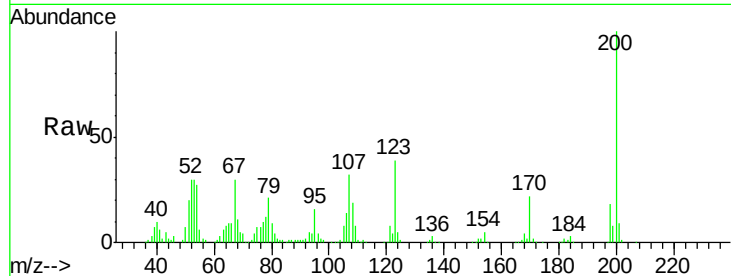
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.65 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48174		
182	13.1	3.3	4.9#	
77	55.6	21.8	32.6#	

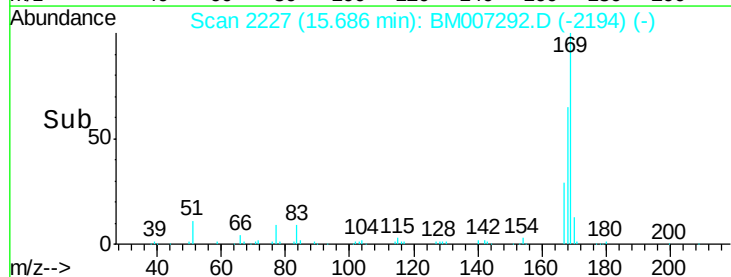
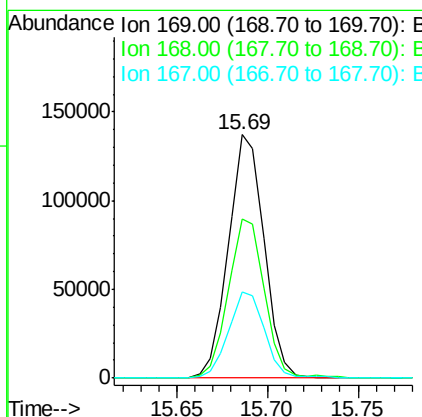
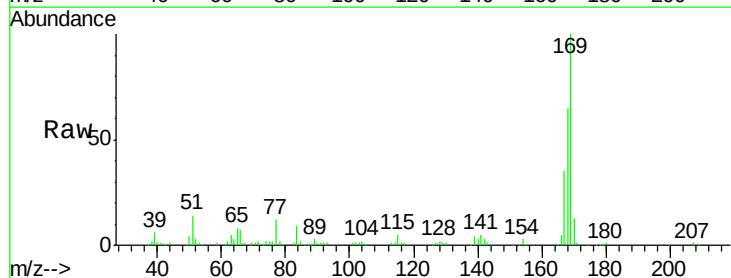
Manual Integrations
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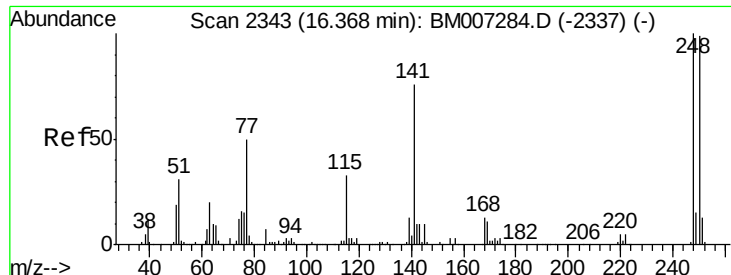
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#64
 N-Nitrosodiphenylamine
 Concen: 2.48 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	187491		
168	65.5	52.6	79.0	
167	35.2	28.6	43.0	





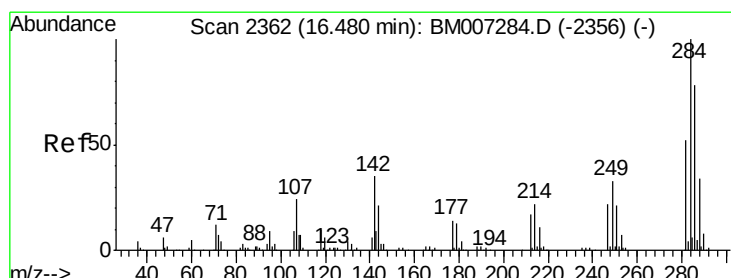
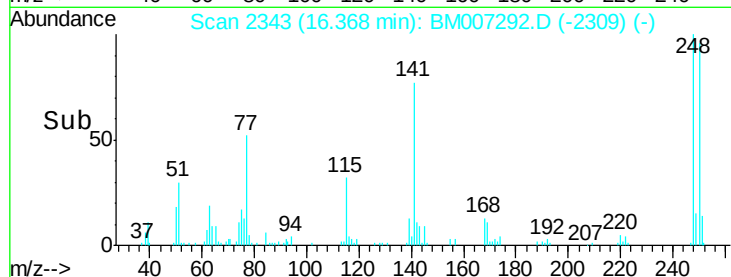
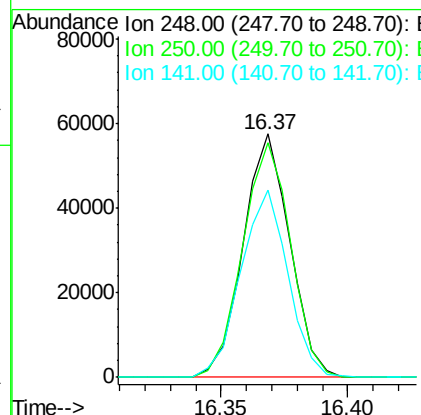
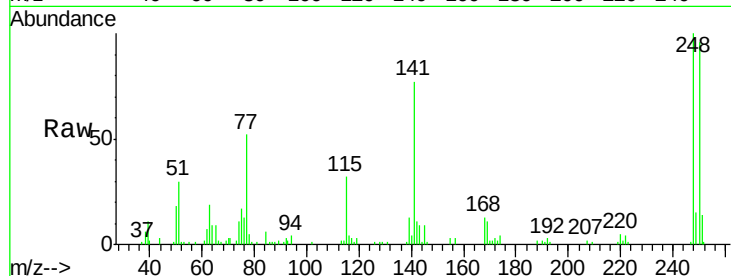
#65
4-Bromophenyl-phenylether
Concen: 2.41 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.7	119.5
141	76.9	58.3	87.5

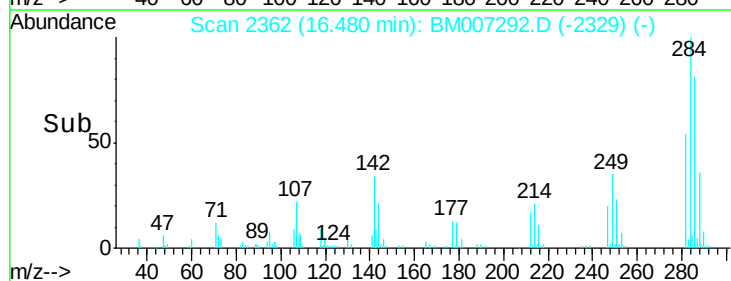
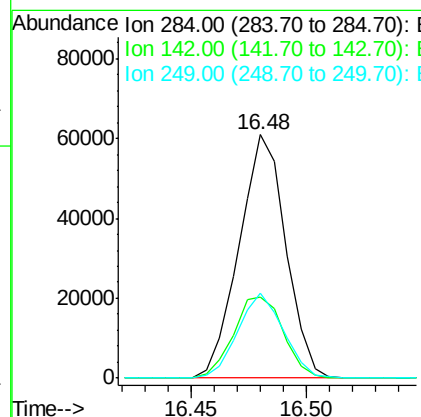
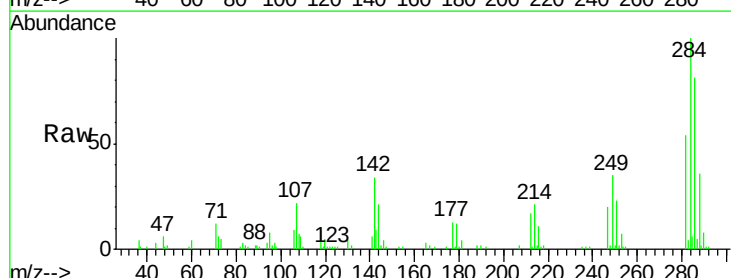
Manual Integrations
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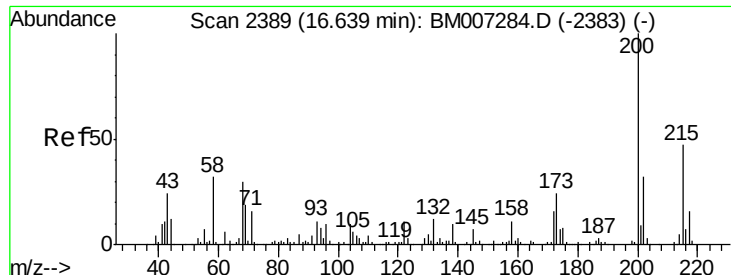
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#66
Hexachlorobenzene
Concen: 2.51 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	24.9	37.3
249	35.0	25.5	38.3





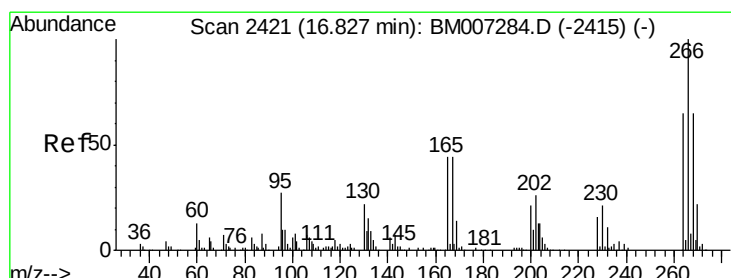
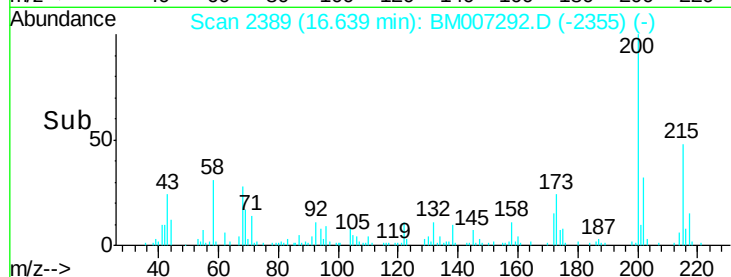
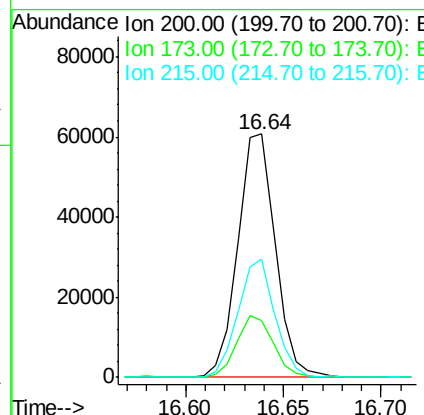
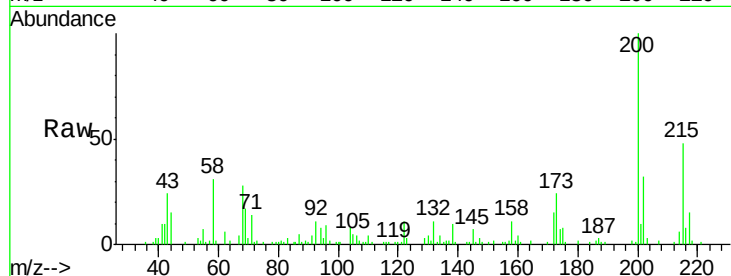
#67
Atrazine
Concen: 2.54 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.6	18.9	28.3
215	48.4	39.5	59.3

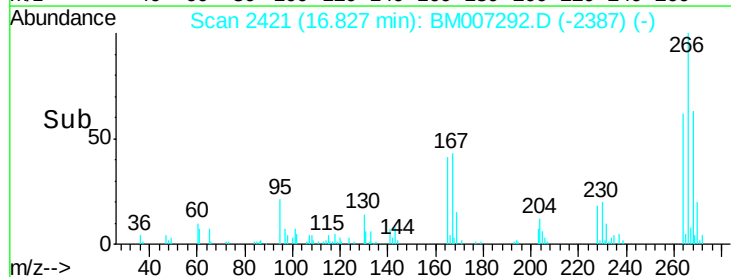
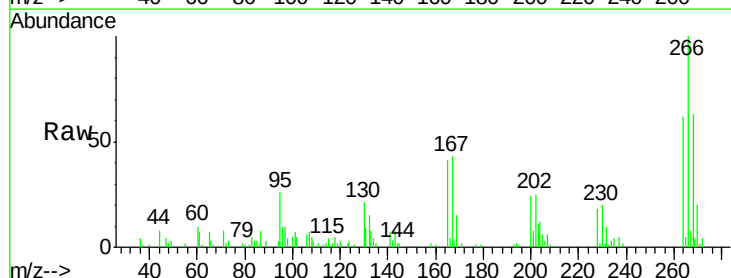
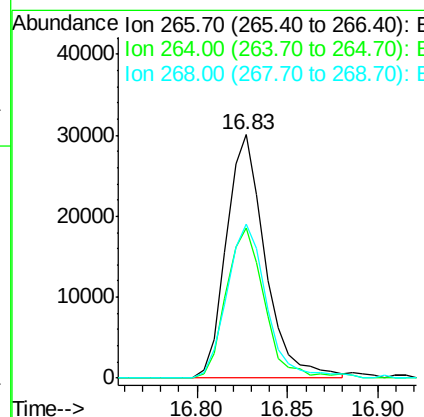
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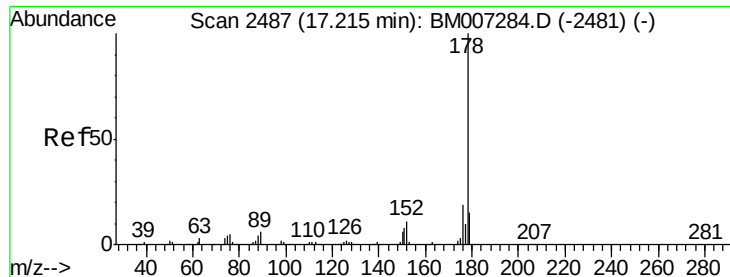
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#68
Pentachlorophenol
Concen: 2.03 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	61.8	50.6	75.8
268	63.1	51.0	76.6





#69

Phenanthrene

Concen: 2.55 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

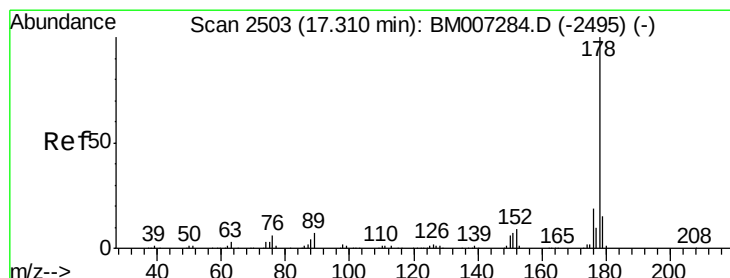
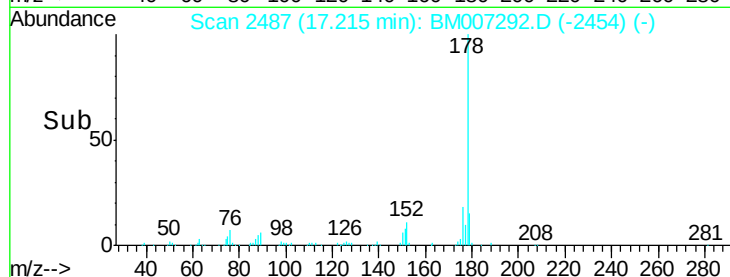
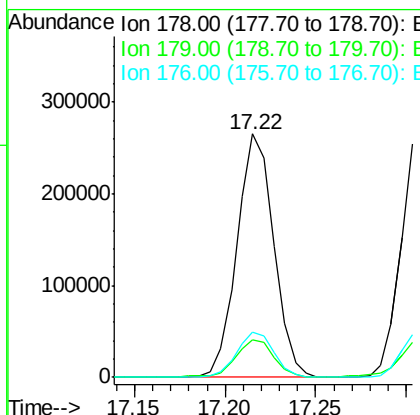
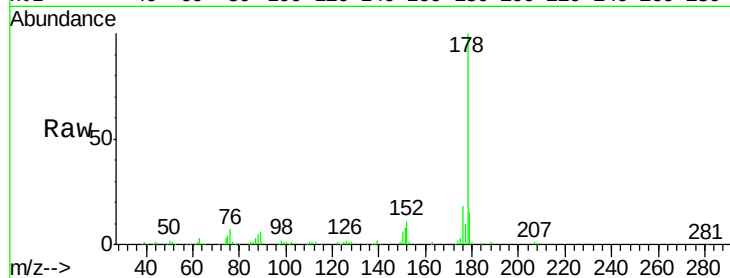
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	178	Resp:	371433
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.2
176	18.5	15.1	22.7

Manual Integrations
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#71

Anthracene

Concen: 2.49 ng/ul

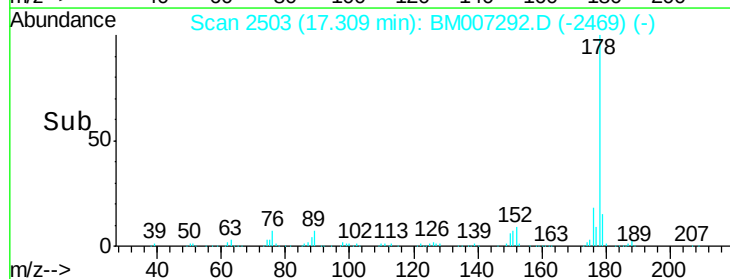
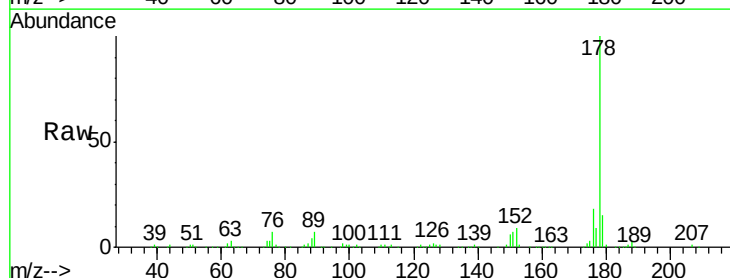
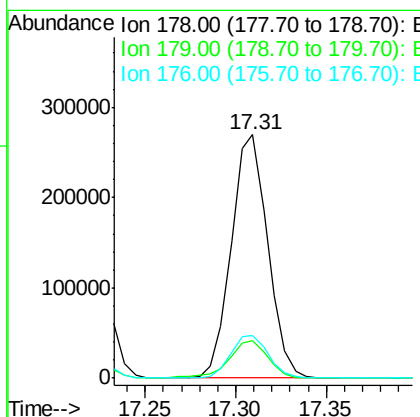
RT: 17.31 min Scan# 2503

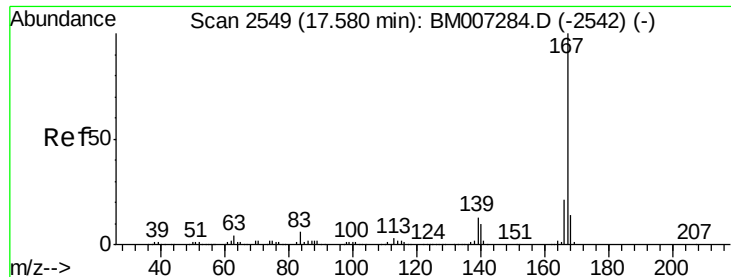
Delta R.T. 0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	178	Resp:	374046
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	17.6	14.5	21.7





#72

Carbazole

Concen: 2.62 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA_M

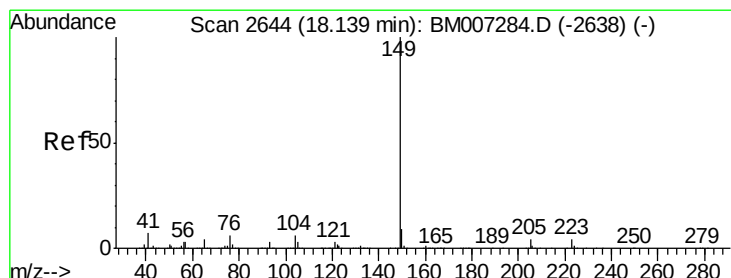
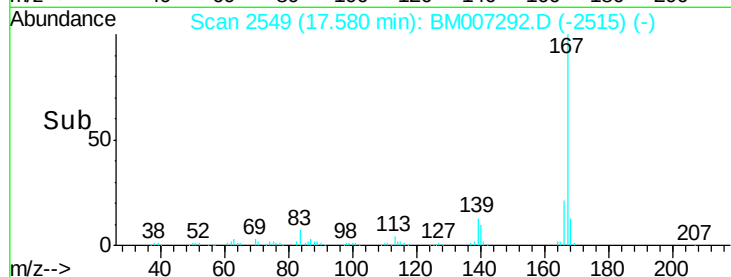
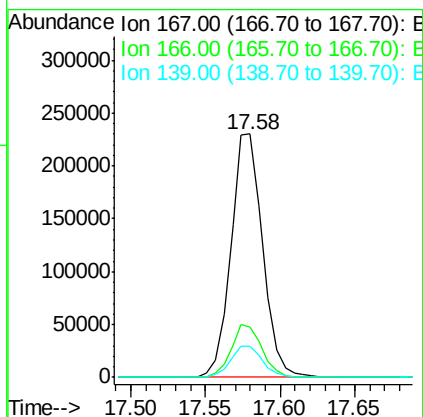
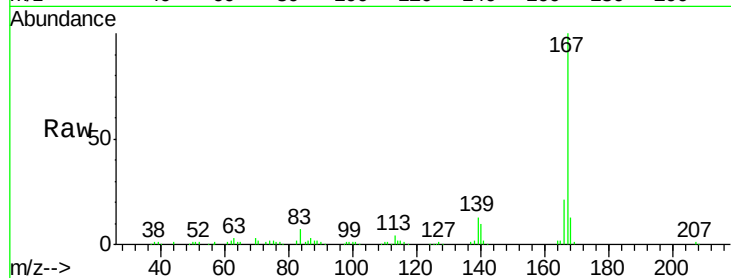
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	167	Resp:	342367
Ion Ratio		Lower	Upper
167	100		
166	20.5	16.6	25.0
139	12.6	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.47 ng/ul

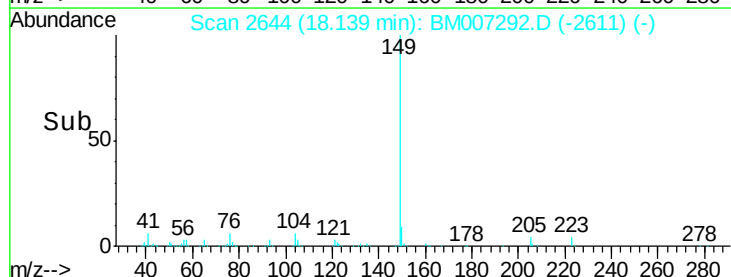
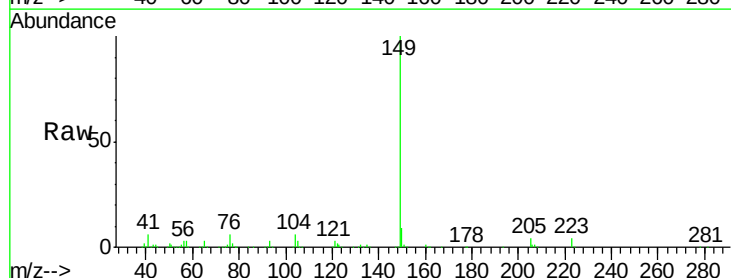
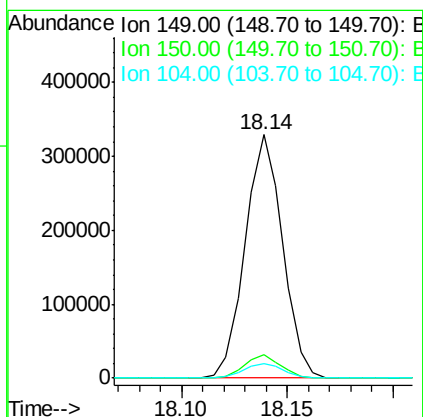
RT: 18.14 min Scan# 2644

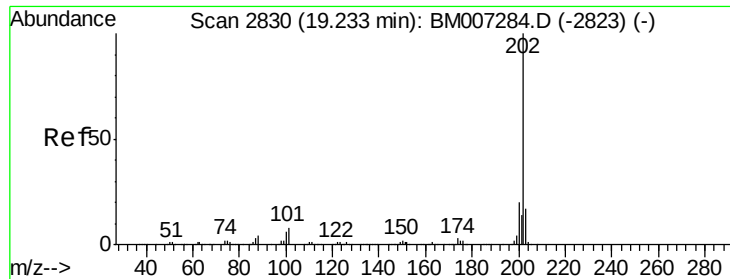
Delta R.T. -0.01 min

Lab File: BM007292.D

Acq: 25 Aug 2016 00:40

Tgt Ion:	149	Resp:	405413
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.9	4.6	7.0





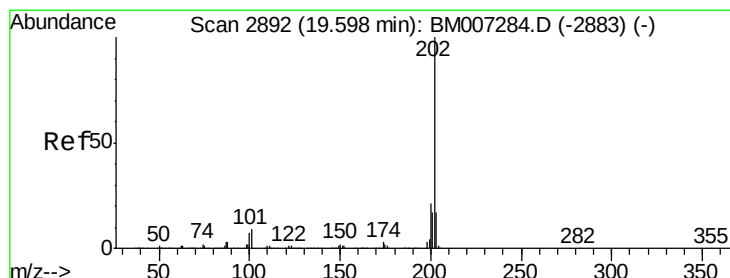
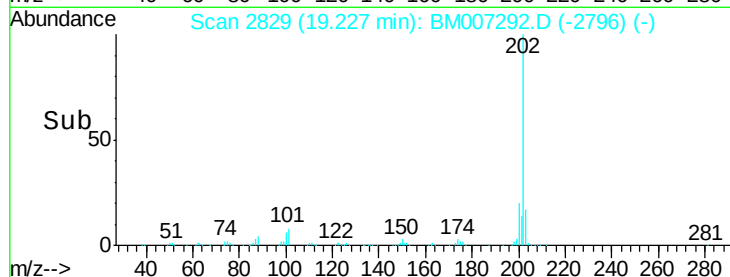
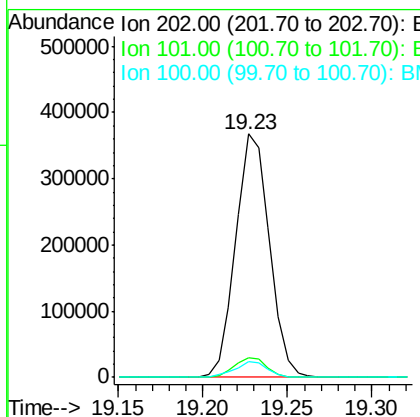
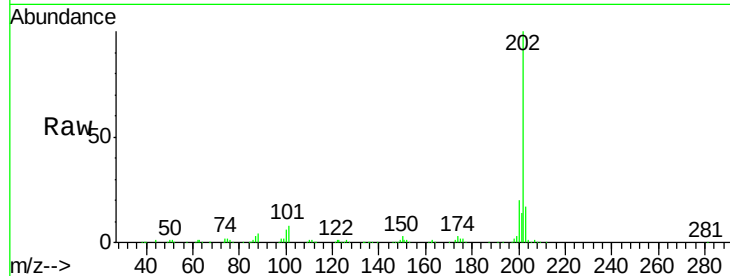
#74
Fluoranthene
Concen: 2.80 ng/ul
RT: 19.23 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.1	6.9	10.3
100	6.2	5.4	8.0

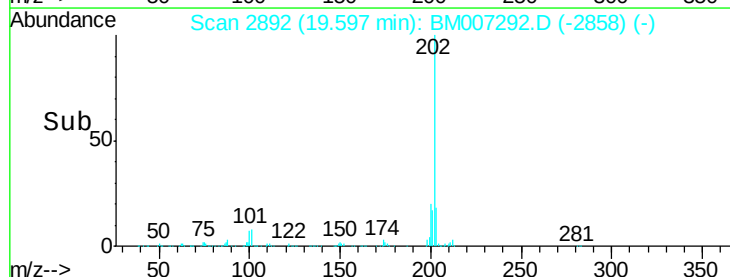
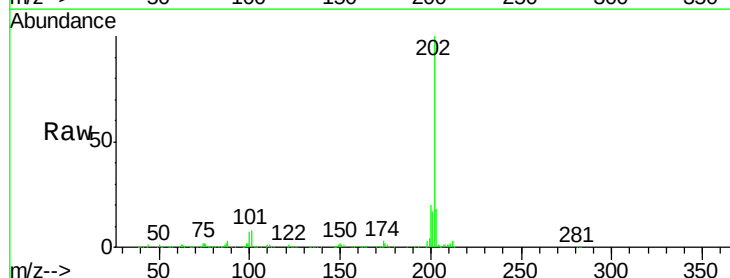
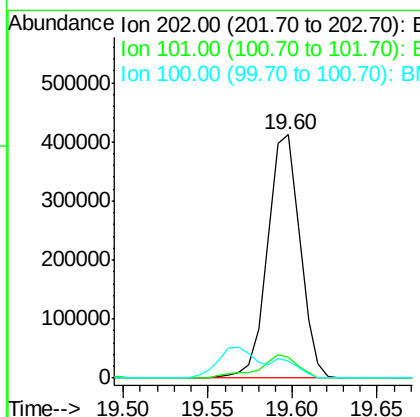
Manual Integrations
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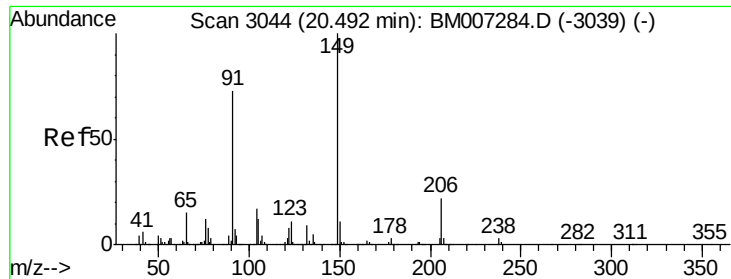
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#77
Pyrene
Concen: 2.54 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. -0.00 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

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





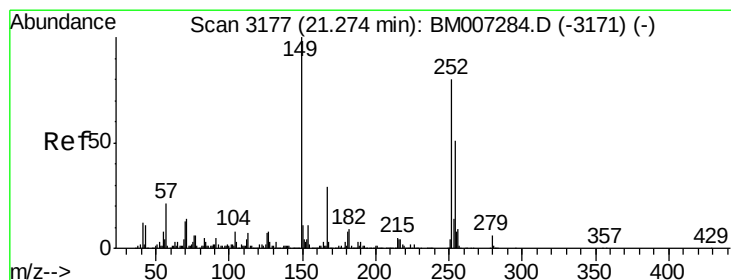
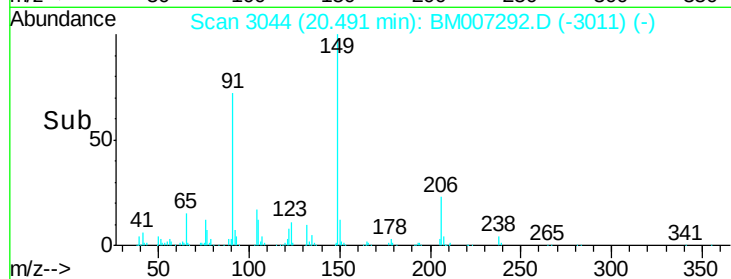
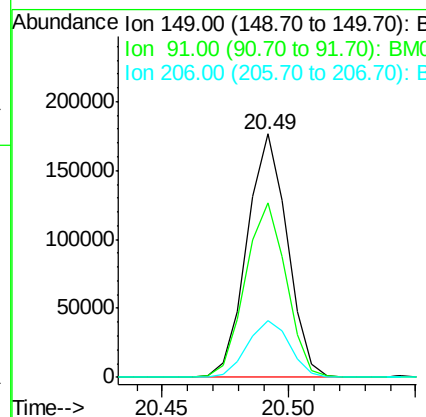
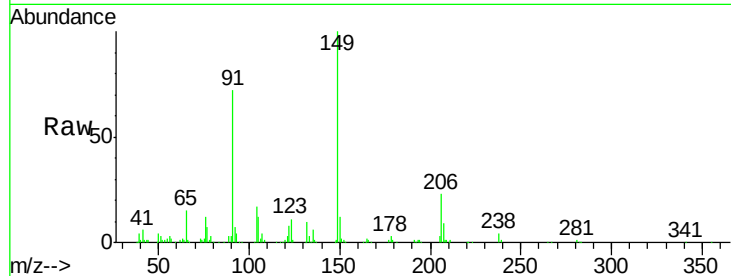
#78
 Butylbenzylphthalate
 Concen: 2.19 ng/ul
 RT: 20.49 min Scan# 3044
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion:	149	Resp:	195857
Ion Ratio	Lower	Upper	
149	100		
91	71.6	57.3	85.9
206	23.5	18.6	27.8

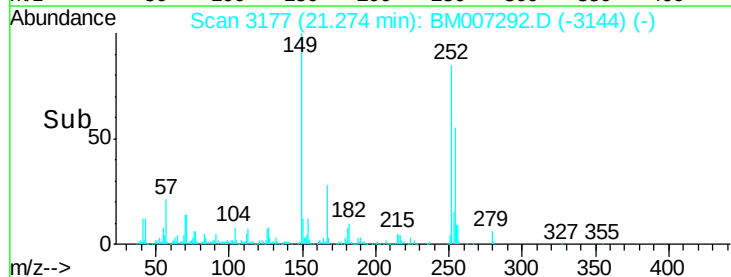
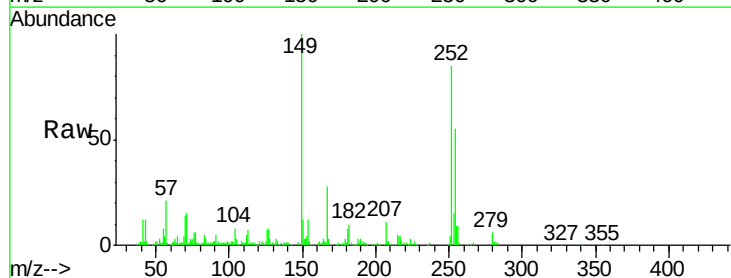
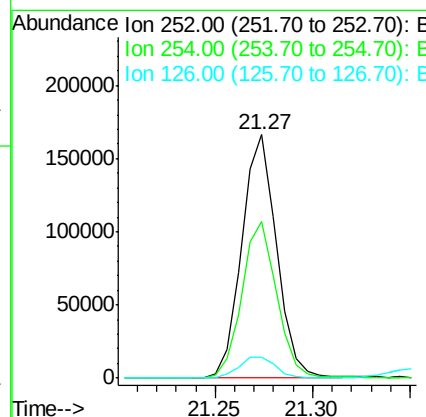
Manual Integrations
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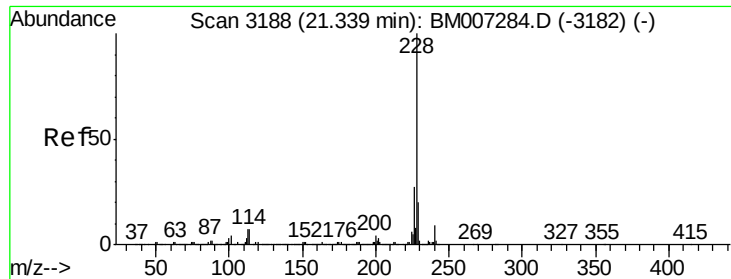
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#79
 3,3'-Dichlorobenzidine
 Concen: 2.59 ng/ul
 RT: 21.27 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion:	252	Resp:	205540
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.0	76.4
126	8.4	7.1	10.7





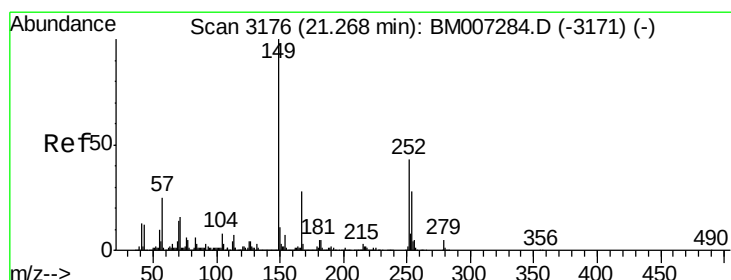
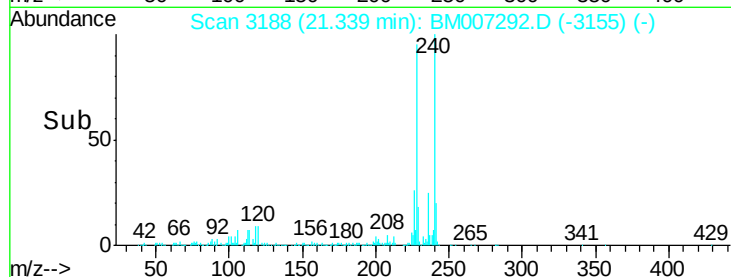
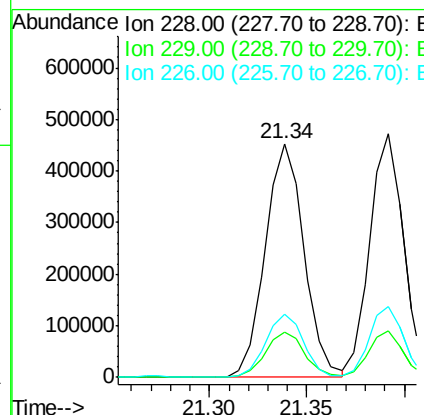
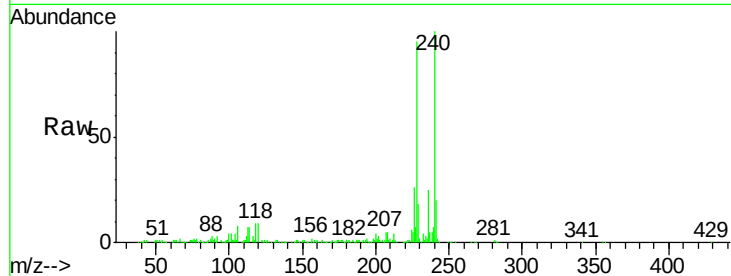
#80
Benzo(a)anthracene
Concen: 2.64 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	27.1	21.8	32.8

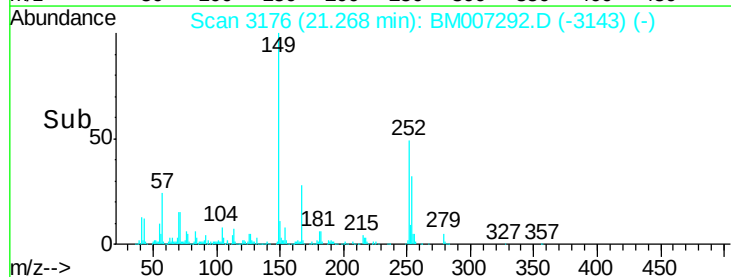
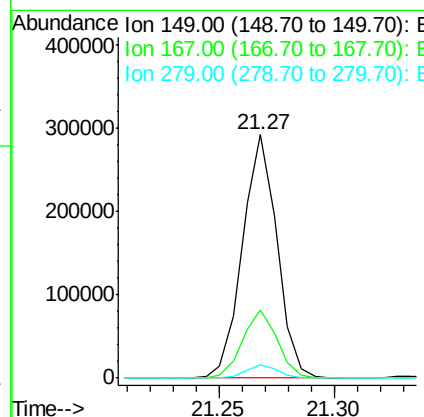
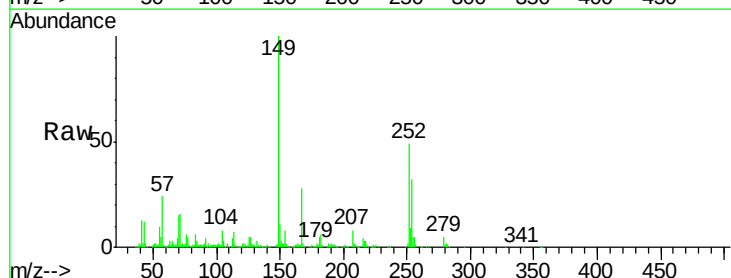
Manual Integrations
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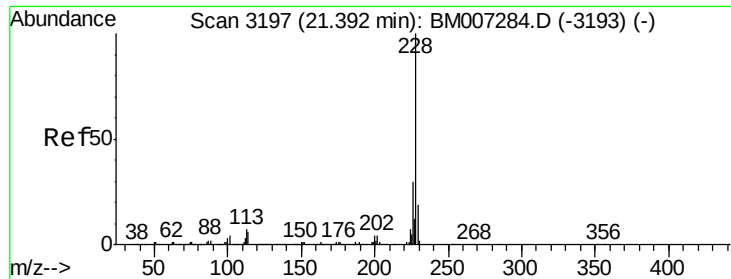
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.34 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.2	34.8
279	5.5	4.1	6.1





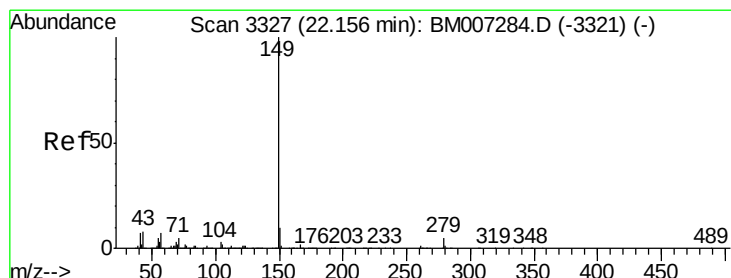
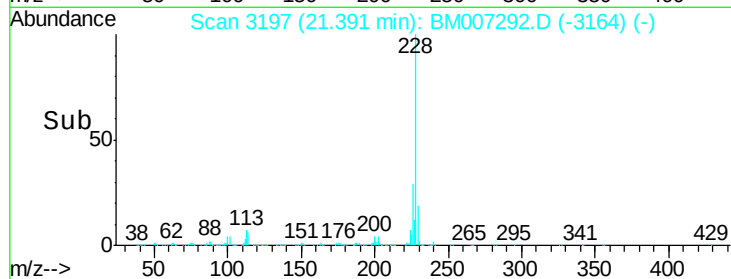
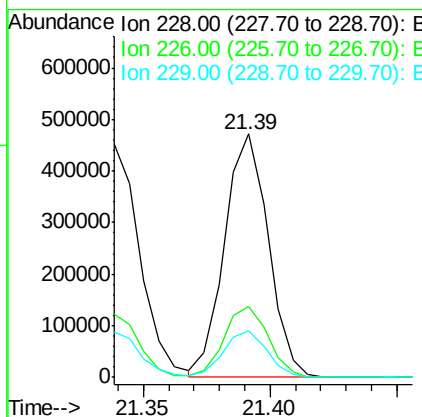
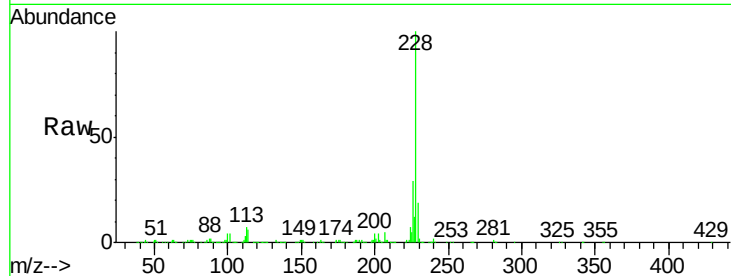
#82
Chrysene
 Concen: 2.63 ng/ul
 RT: 21.39 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	561813		
226	29.3		23.4	35.2
229	19.3		15.5	23.3

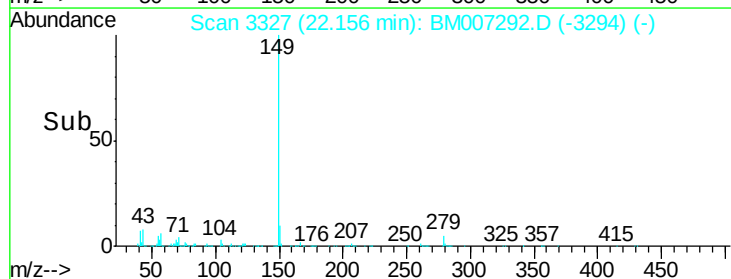
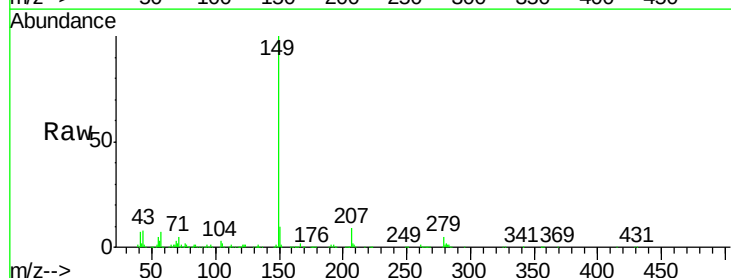
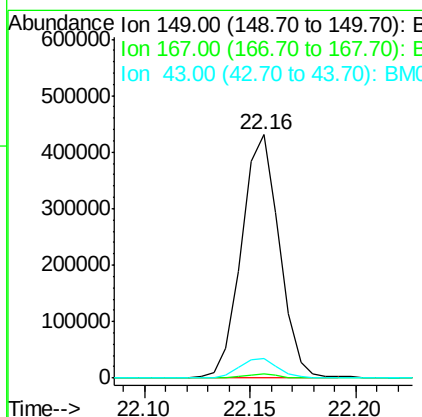
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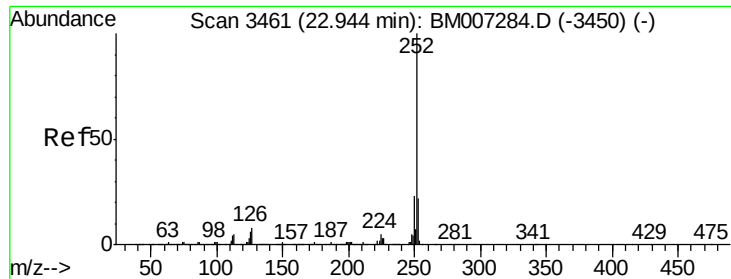
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#84
Di-n-octyl phthalate
 Concen: 2.37 ng/ul
 RT: 22.16 min Scan# 3327
 Delta R.T. -0.01 min
 Lab File: BM007292.D
 Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	530578		
167	1.5		1.3	1.9
43	8.2		6.6	10.0





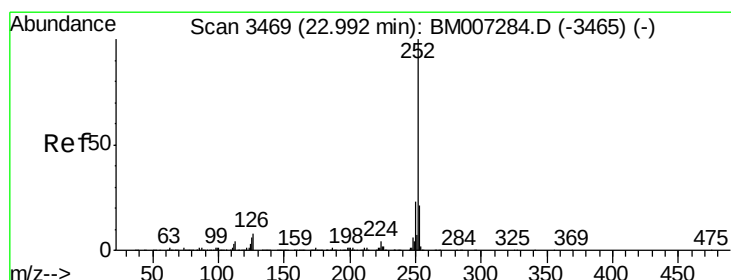
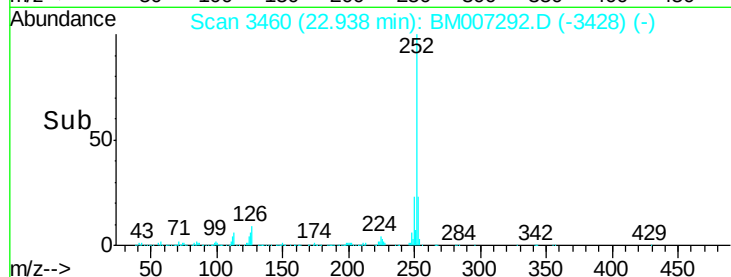
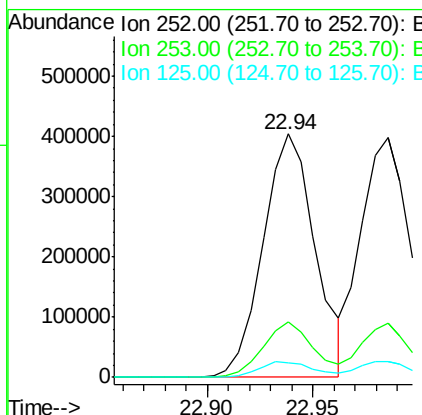
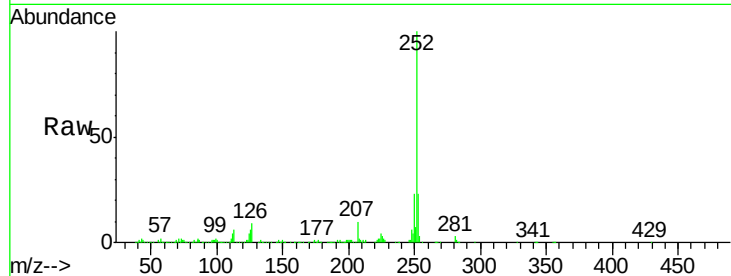
#85
Benzo(b)fluoranthene
Concen: 2.62 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampled :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.9	5.8	8.8

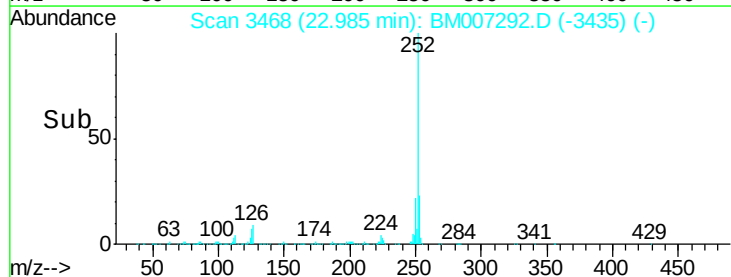
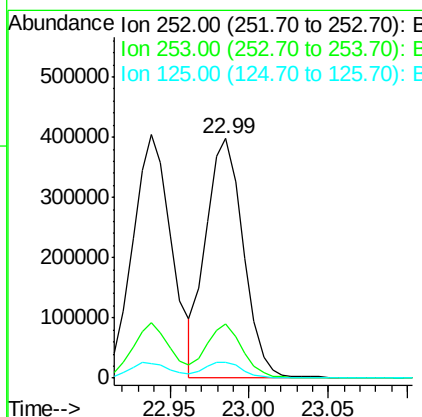
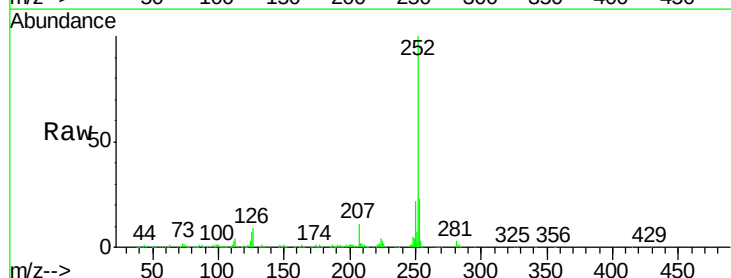
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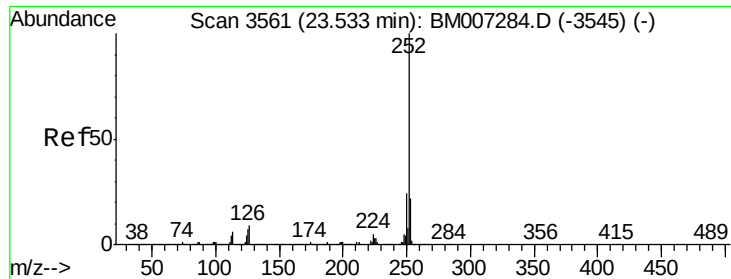
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#86
Benzo(k)fluoranthene
Concen: 2.66 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	6.6	5.7	8.5





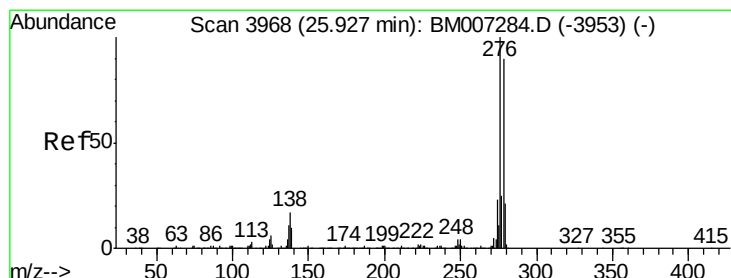
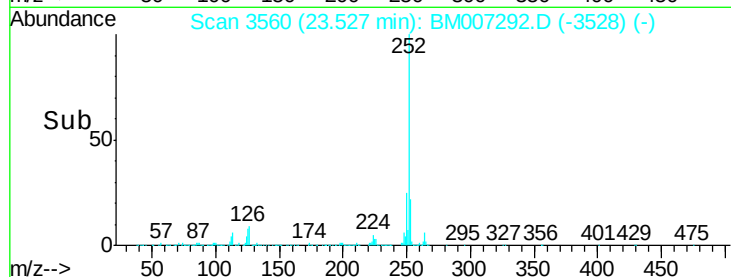
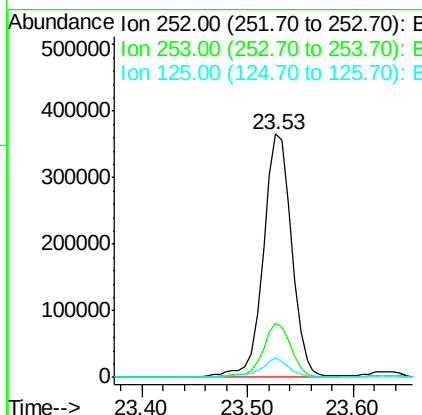
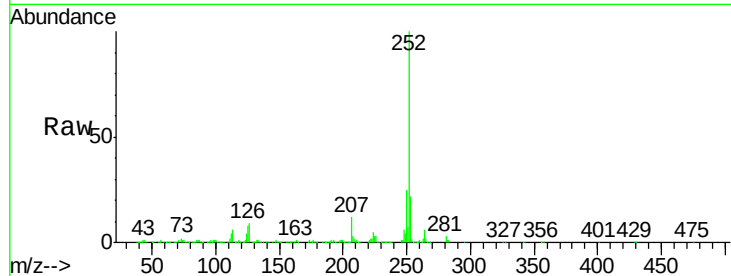
#88
Benzo(a)pyrene
Concen: 2.69 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.0	6.6	9.8

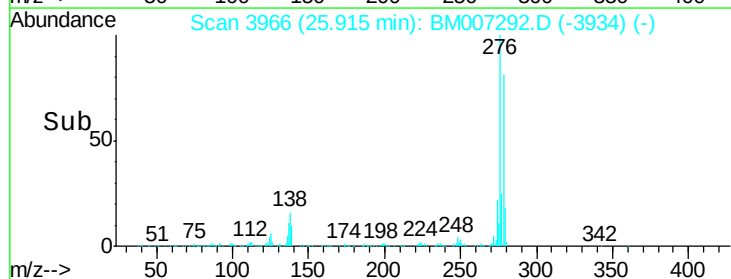
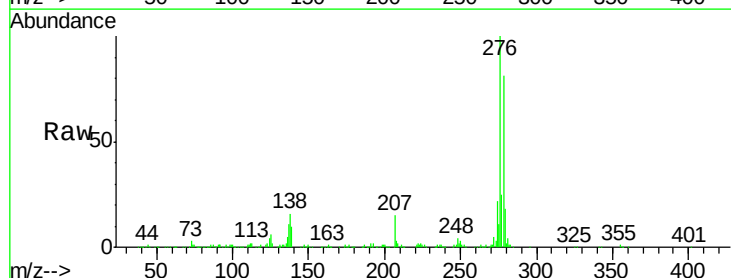
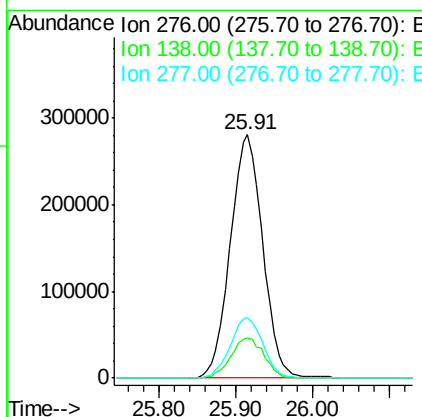
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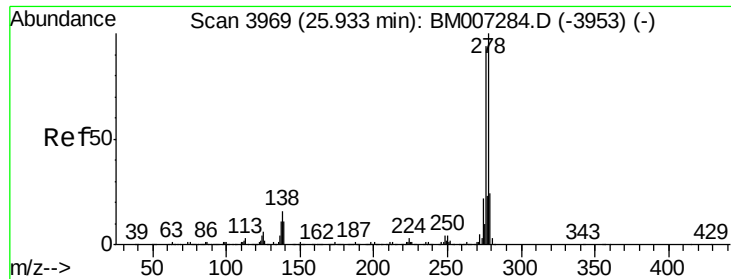
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.9	20.9
277	24.9	20.1	30.1





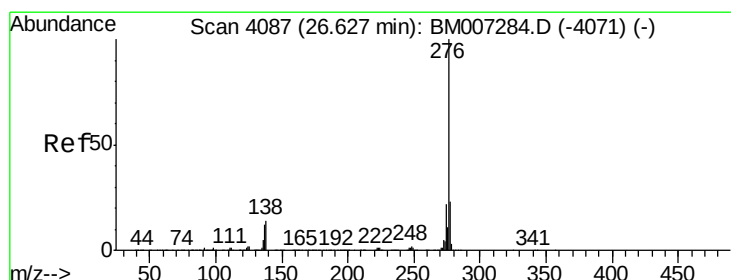
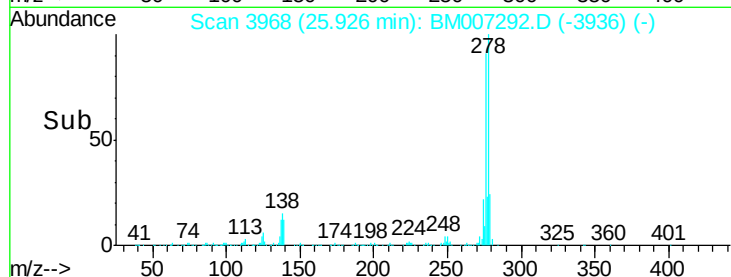
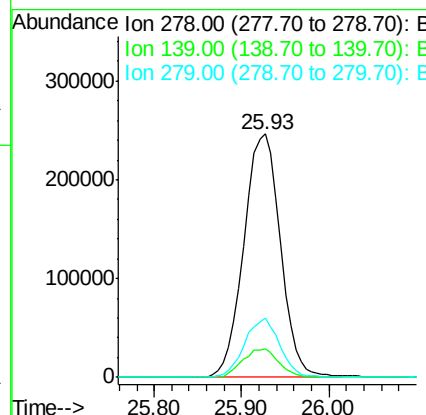
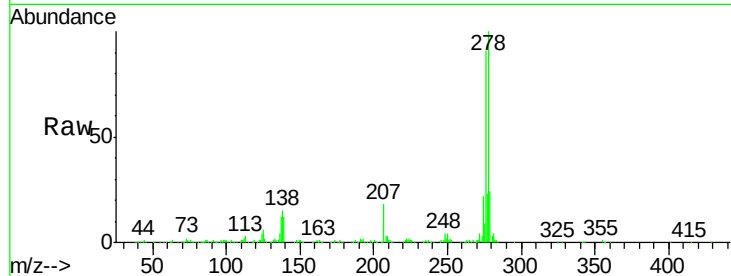
#90
Dibenzo(a,h)anthracene
Concen: 2.70 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.5	14.3
279	24.5	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.60 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007292.D
Acq: 25 Aug 2016 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.5	20.3
277	23.5	19.3	28.9

