

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007272.D
 Acq On : 24 Aug 2016 03:09
 Operator : UM/SJ
 Sample : MDL-02-W
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Manual Integrations
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Quant Time: Aug 24 06:59:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 13:53:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	149424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	751215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	554895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1531442	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2321356	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2665884	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7906	2.70	ng/uL	0.00
5) Phenol-d5	6.97	99	342867	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	203678	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	269987	25.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	304435	24.73	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148536	26.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	173398	26.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	317347	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	457057	28.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1454883	30.39	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1564117	28.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	266551	29.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	1211456	29.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	263140	27.33	ng/ul	0.00
70) Anthracene-d10	17.27	188	2124269	29.69	ng/ul	0.00
76) Pyrene-d10	19.57	212	2745068	28.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3511376	28.60	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.35	88	2273m	0.70	ng/ul	
4) Benzaldehyde	6.95	77	21295m	2.65	ng/ul	
6) Phenol	6.99	94	28439	1.94	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.23	93	22784	2.23	ng/ul	95
10) 2-Chlorophenol	7.37	128	21877	2.05	ng/ul	99
11) 2-Methylphenol	8.24	108	21116	1.85	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24835	2.16	ng/ul	98
14) Acetophenone	8.62	105	41787	2.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	21554	2.15	ng/ul	90
16) 4-Methylphenol	8.56	108	25513	1.99	ng/ul	95
17) Hexachloroethane	8.87	117	8758	2.11	ng/ul	94
20) Nitrobenzene	9.00	77	32999	2.33	ng/ul#	93
21) Isophorone	9.52	82	62768	2.18	ng/ul	99
23) 2-Nitrophenol	9.70	139	14913	2.13	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	31845	2.06	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.00	93	34034	2.09	ng/ul	94
27) 2,4-Dichlorophenol	10.23	162	26159	2.05	ng/ul	94
28) Naphthalene	10.64	128	79029	2.12	ng/ul	98
30) 4-Chloroaniline	10.75	127	37515	2.28	ng/ul	96
31) Hexachlorobutadiene	10.92	225	18906	2.20	ng/ul	95
32) Caprolactam	11.53	113	11256m	2.19	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	31166	1.98	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	64905	2.12	ng/ul	100

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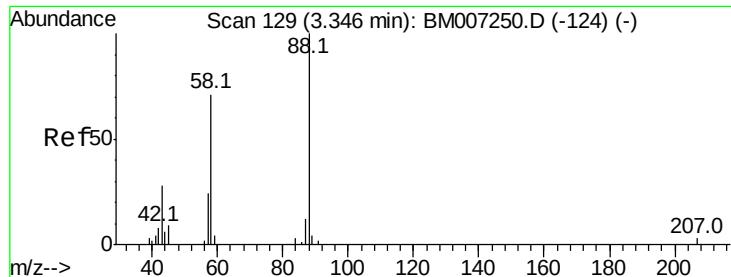
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	40588	2.20	ng/ul#	90
37) Hexachlorocyclopentadiene	12.60	237	17837	1.60	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.86	196	24393	1.87	ng/ul	93
39) 2,4,5-Trichlorophenol	12.93	196	26357	1.93	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	93941	2.18	ng/ul#	98
41) 2-Chloronaphthalene	13.30	162	74432	2.21	ng/ul	98
42) 2-Nitroaniline	13.51	65	21047	1.91	ng/ul	90
44) Dimethylphthalate	13.89	163	119249	2.50	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	19164	1.97	ng/ul	89
47) Acenaphthylene	14.15	152	129024	2.26	ng/ul	98
48) 3-Nitroaniline	14.34	138	20248	2.04	ng/ul	95
49) Acenaphthene	14.49	153	84995	2.29	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	8737	1.32	ng/ul	96
52) 4-Nitrophenol	14.64	109	23782	2.47	ng/ul	88
53) Dibenzofuran	14.83	168	128926	2.32	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	31650	2.12	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.06	232	29529	2.11	ng/ul	97
56) Diethylphthalate	15.26	149	116560	2.34	ng/ul	98
58) Fluorene	15.48	166	110994	2.42	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	59402	2.48	ng/ul	97
60) 4-Nitroaniline	15.50	138	25555m	2.26	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	22474	2.19	ng/ul#	45
64) N-Nitrosodiphenylamine	15.69	169	98150	2.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	38787	2.24	ng/ul	92
66) Hexachlorobenzene	16.48	284	45626	2.36	ng/ul	95
67) Atrazine	16.64	200	40614	2.25	ng/ul	96
68) Pentachlorophenol	16.83	266	22051	1.76	ng/ul	94
69) Phenanthrene	17.22	178	201373	2.45	ng/ul	98
71) Anthracene	17.30	178	206213	2.43	ng/ul	99
72) Carbazole	17.58	167	178225	2.42	ng/ul	99
73) Di-n-butylphthalate	18.14	149	203922	2.20	ng/ul	99
74) Fluoranthene	19.23	202	265965	2.58	ng/ul#	96
77) Pyrene	19.59	202	291818	2.34	ng/ul	99
78) Butylbenzylphthalate	20.49	149	96888	1.87	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	101727	2.21	ng/ul	99
80) Benzo(a)anthracene	21.34	228	326906	2.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	151500	2.02	ng/ul	99
82) Chrysene	21.39	228	303426	2.45	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	269168	2.03	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	364480	2.31	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	333243	2.29	ng/ul	100
88) Benzo(a)pyrene	23.53	252	364292	2.42	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	436339	2.36	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	364620	2.37	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	364789	2.32	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.70 ng/uL m

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

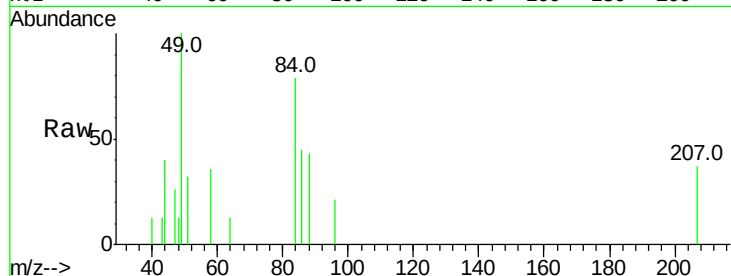
ClientSampled :

MDL-02-W

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.2	22.6	34.0
58	45.8	57.3	85.9#

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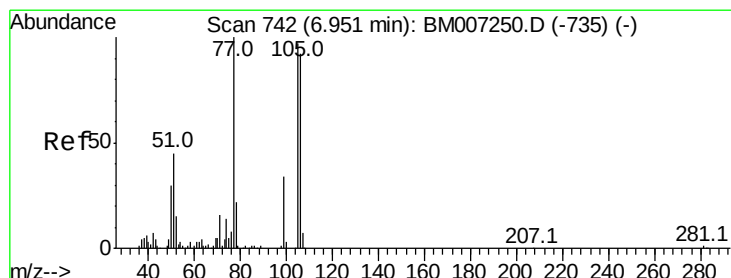
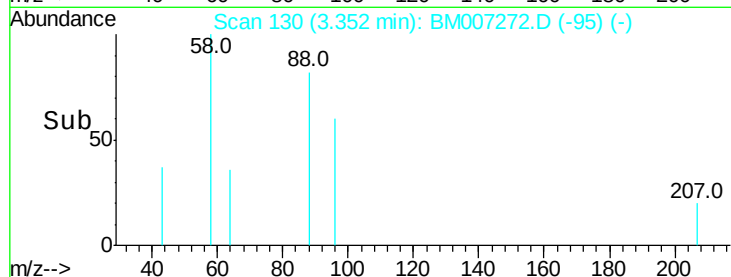
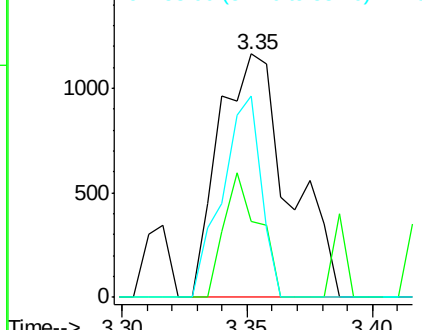
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Abundance Ion 88.00 (87.70 to 88.70): BM007272.D (-130) (-)

Ion 43.00 (42.70 to 43.70): BM007272.D (-130) (-)

Ion 58.00 (57.70 to 58.70): BM007272.D (-130) (-)



#4

Benzaldehyde

Concen: 2.65 ng/uL m

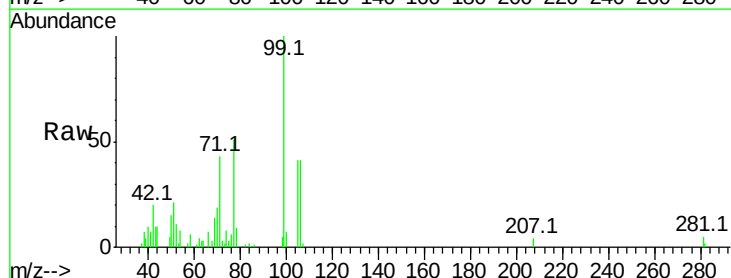
RT: 6.95 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

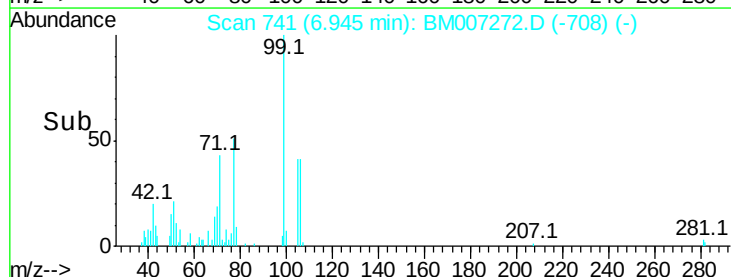
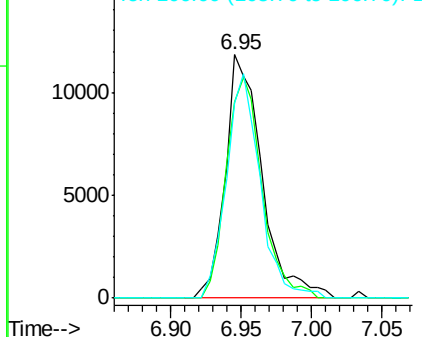
Tgt Ion	Ratio	Lower	Upper
77	100		
105	80.5	76.9	115.3
106	80.1	71.8	107.8

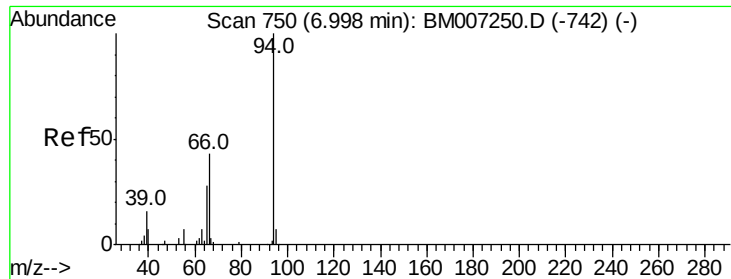


Abundance Ion 77.00 (76.70 to 77.70): BM007272.D (-741) (-)

Ion 105.00 (104.70 to 105.70): BM007272.D (-741) (-)

Ion 106.00 (105.70 to 106.70): BM007272.D (-741) (-)





#6

Phenol

Concen: 1.94 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

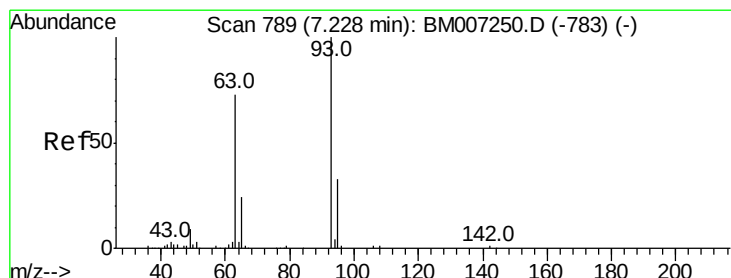
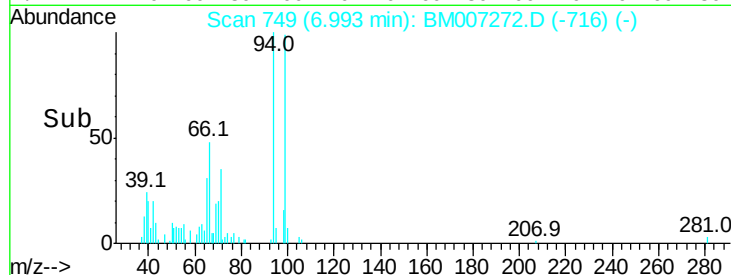
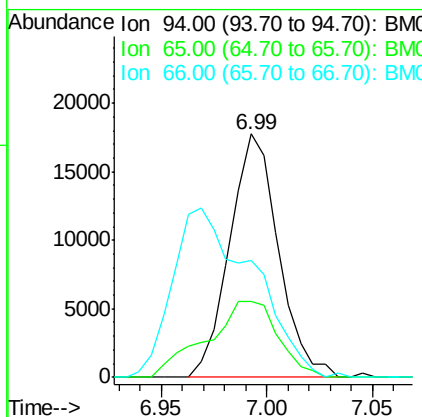
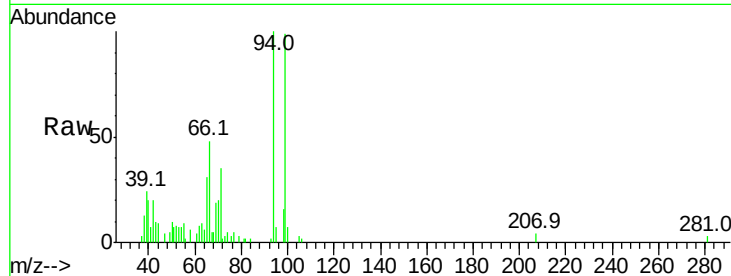
ClientSampleId :

MDL-02-W

Tot Ion:	94	Resp:	28439
Ion Ratio	Lower	Upper	
94	100		
65	30.9	23.9	35.9
66	48.2	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.23 ng/ul

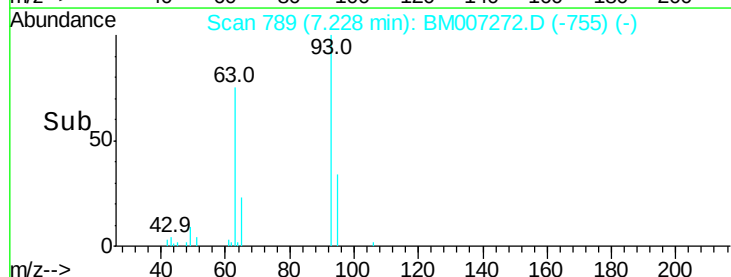
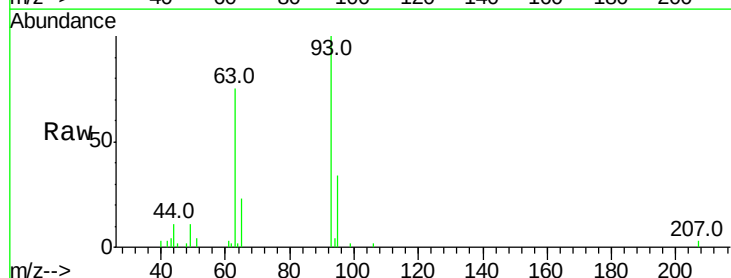
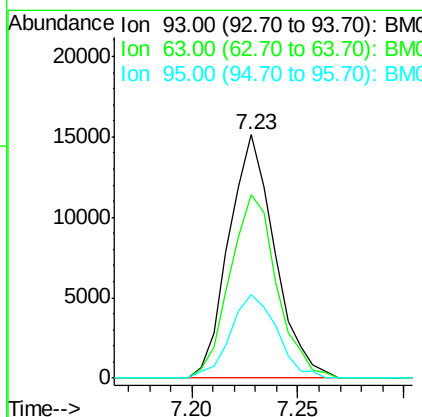
RT: 7.23 min Scan# 789

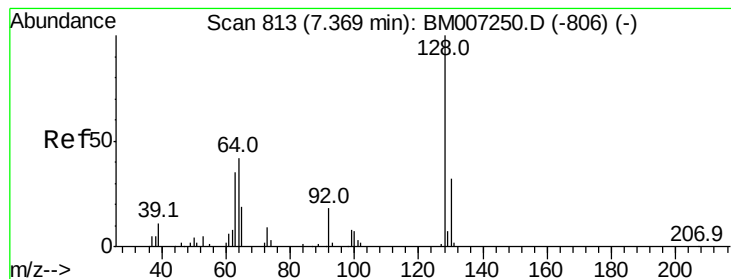
Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	93	Resp:	22784
Ion Ratio	Lower	Upper	
93	100		
63	75.3	57.3	85.9
95	34.2	25.1	37.7





#10

2-Chlorophenol

Concen: 2.05 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

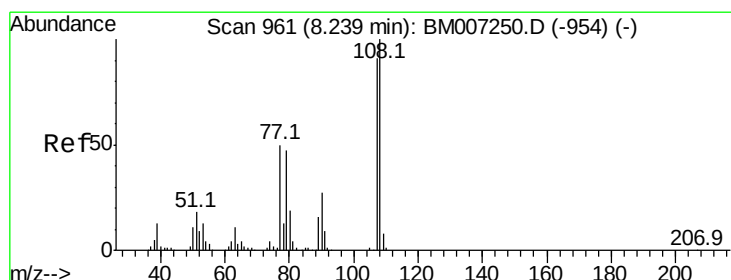
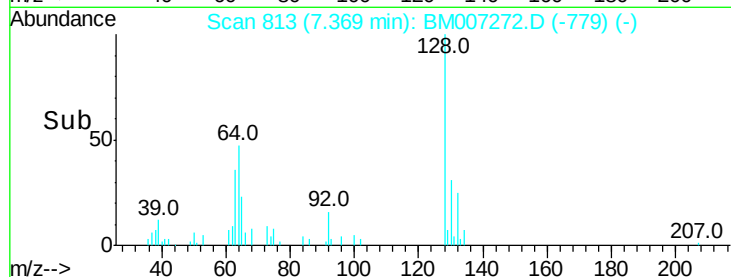
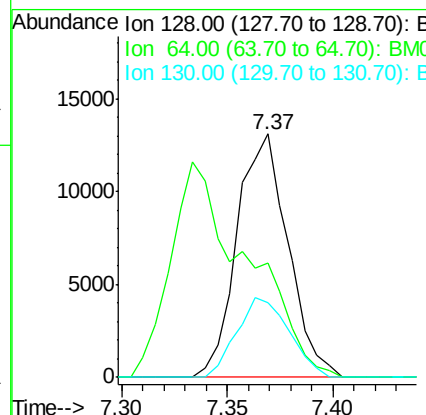
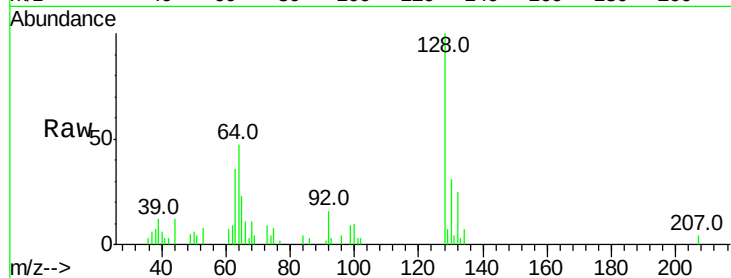
ClientSampleId :

MDL-02-W

Tot Ion:	128	Resp:	21877
Ion Ratio	Lower	Upper	
128	100		
64	46.7	37.5	56.3
130	30.6	25.0	37.4

Manual Integrations
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#11

2-Methylphenol

Concen: 1.85 ng/ul

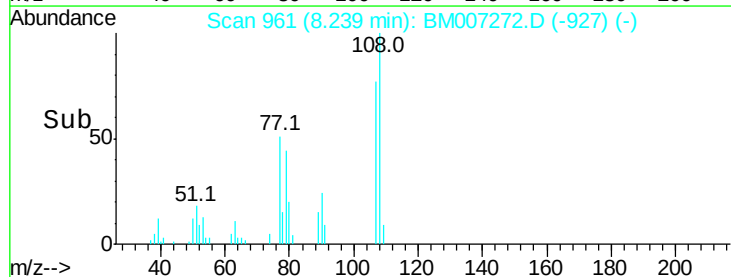
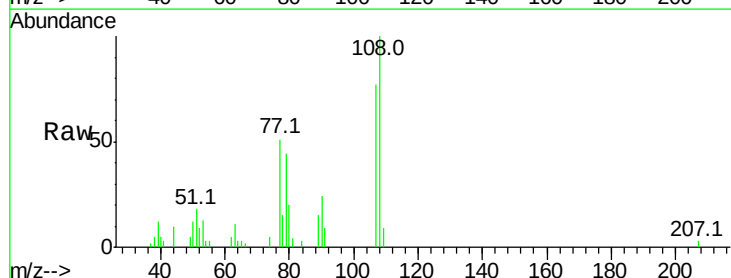
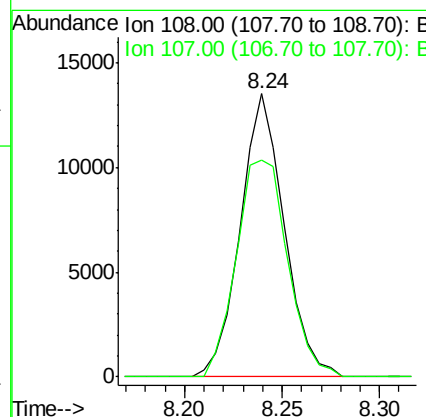
RT: 8.24 min Scan# 961

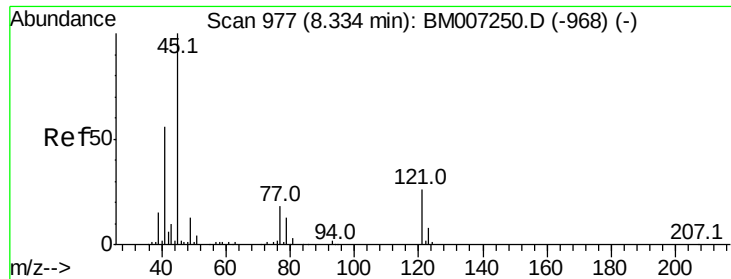
Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	108	Resp:	21116
Ion Ratio	Lower	Upper	
108	100		
107	76.7	71.8	107.6





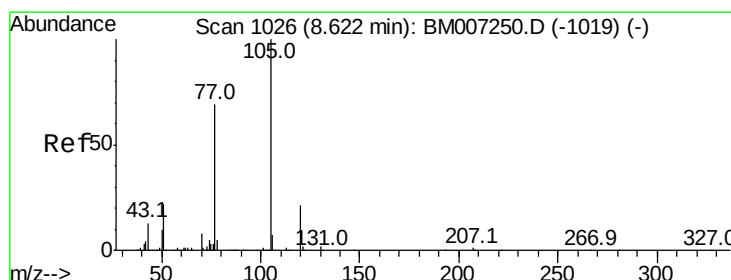
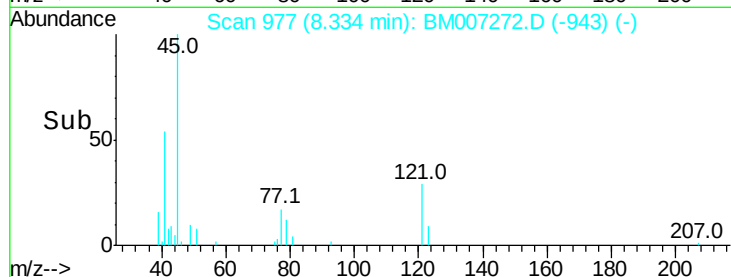
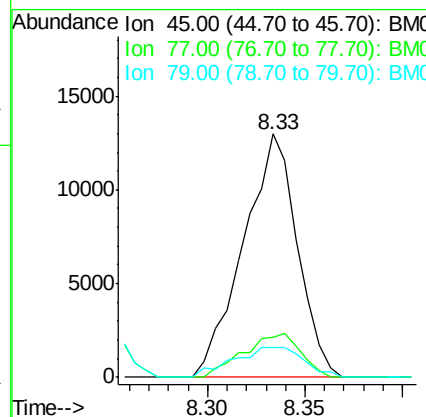
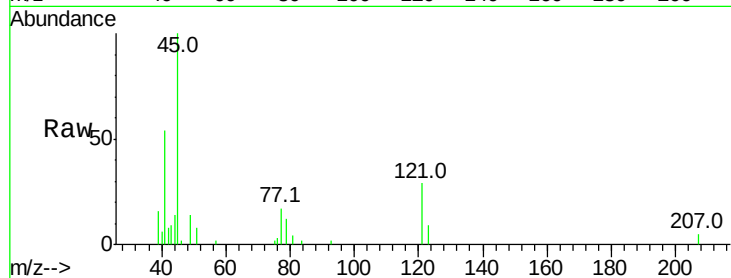
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.16 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007272.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	16.6	14.1	21.1
79	12.4	10.4	15.6

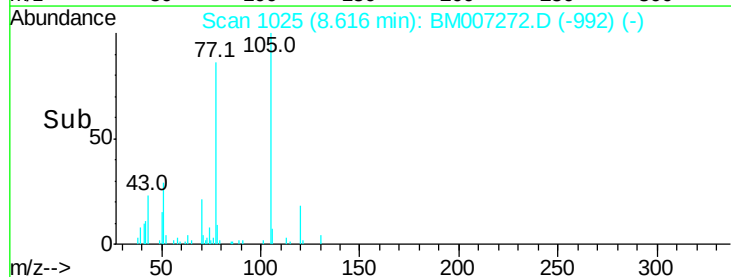
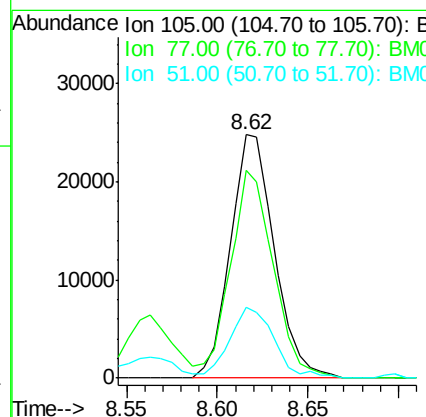
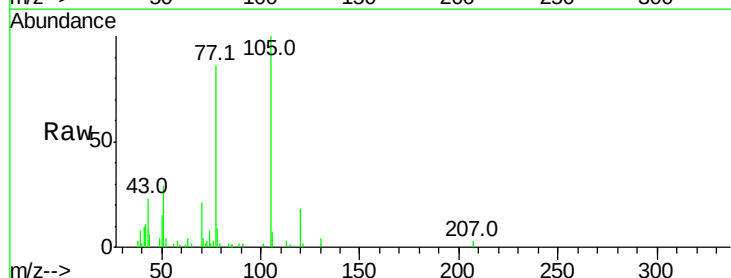
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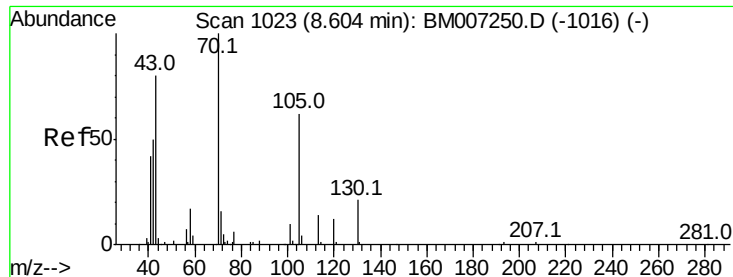
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#14
Acetophenone
Concen: 2.21 ng/ul
RT: 8.62 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.6	65.9	98.9
51	29.2	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.15 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

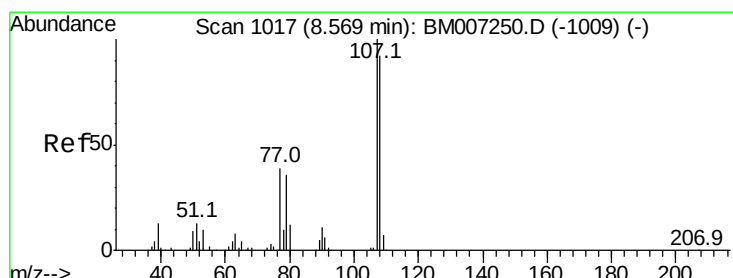
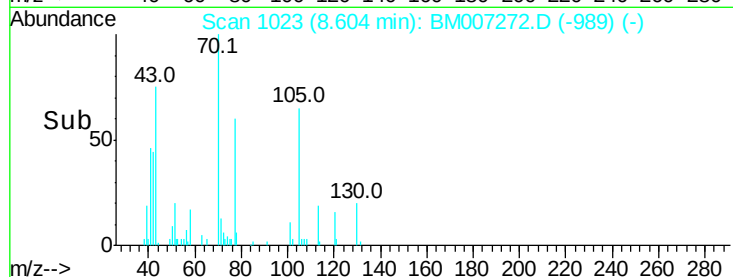
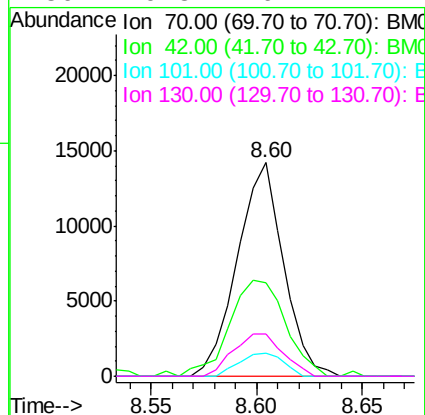
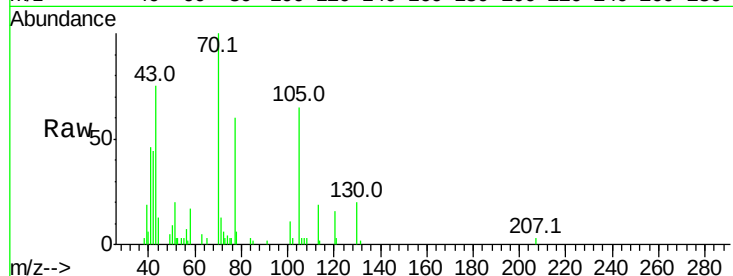
ClientSampleId :

MDL-02-W

Tot Ion	70	Resp:	21554
Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.4	65.2
101	10.9	7.8	11.6
130	19.8	16.2	24.4

Manual Integrations
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#16

4-Methylphenol

Concen: 1.99 ng/ul

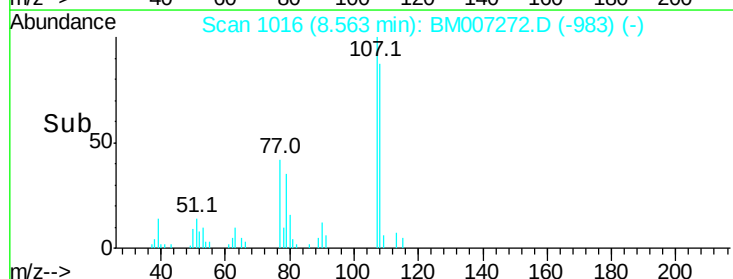
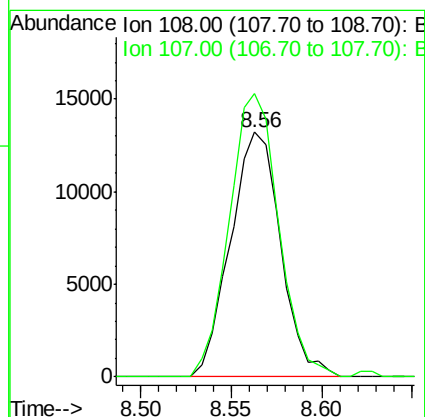
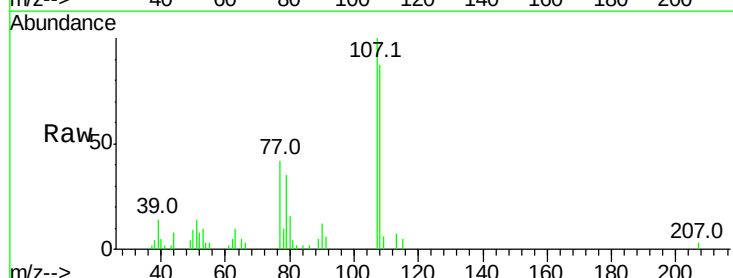
RT: 8.56 min Scan# 1016

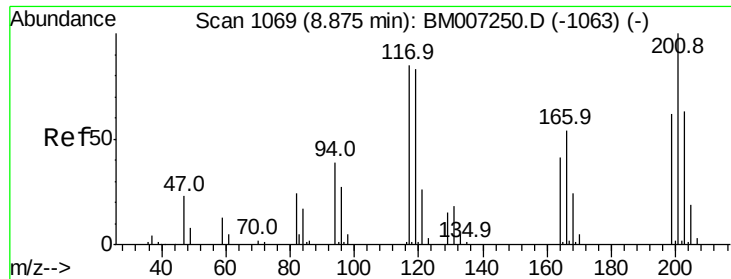
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion	108	Resp:	25513
Ion	Ratio	Lower	Upper
108	100		
107	115.6	87.8	131.8





#17

Hexachloroethane

Concen: 2.11 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

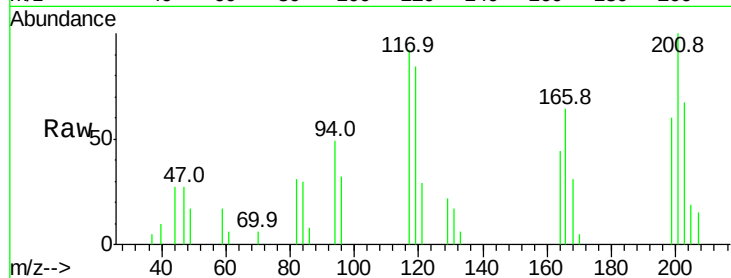
ClientSampled :

MDL-02-W

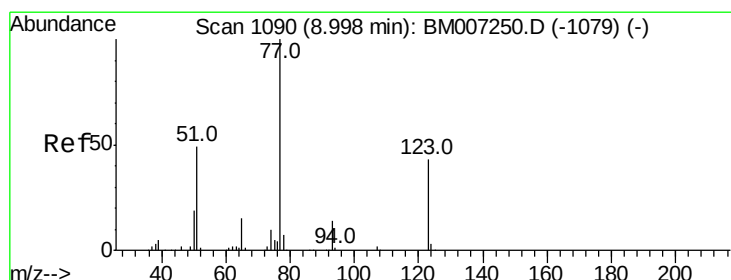
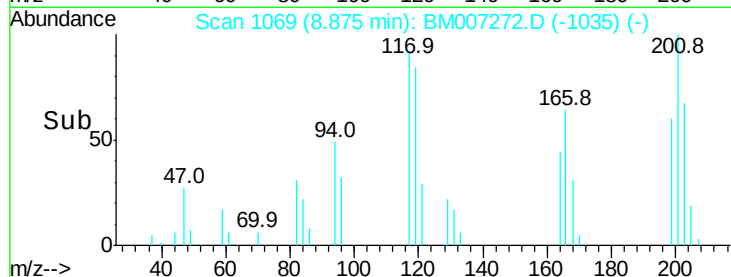
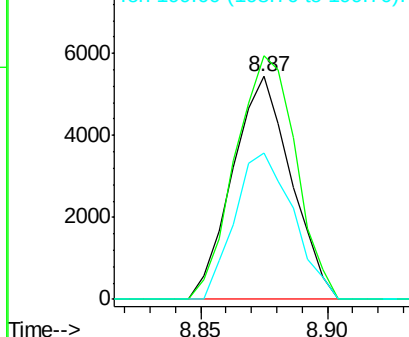
Tot Ion:	117	Resp:	8758
Ion Ratio	Lower	Upper	
117	100		
201	109.2	90.3	135.5
199	65.6	58.5	87.7

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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: 2.33 ng/ul

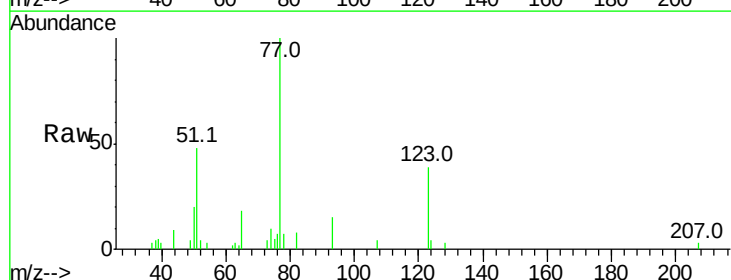
RT: 9.00 min Scan# 1090

Delta R.T. 0.00 min

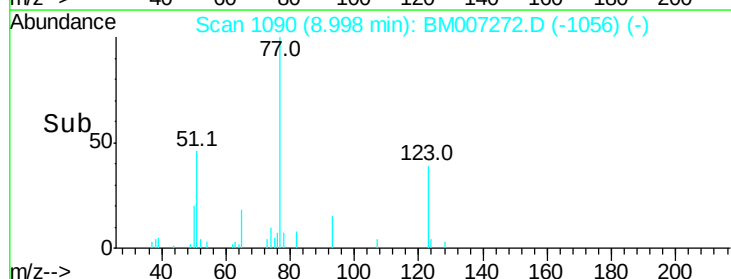
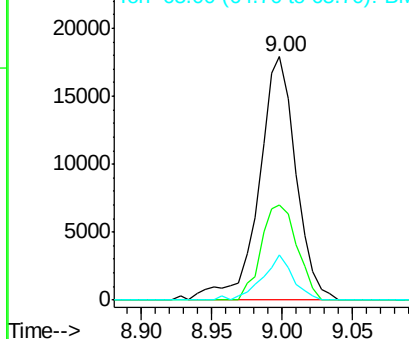
Lab File: BM007272.D

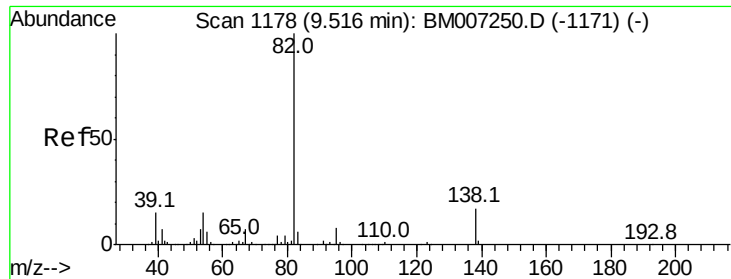
Acq: 24 Aug 2016 03:09

Tgt Ion:	77	Resp:	32999
Ion Ratio	Lower	Upper	
77	100		
123	39.0	34.2	51.4
65	18.4	11.0	16.6#



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





#21

Isophorone

Concen: 2.18 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

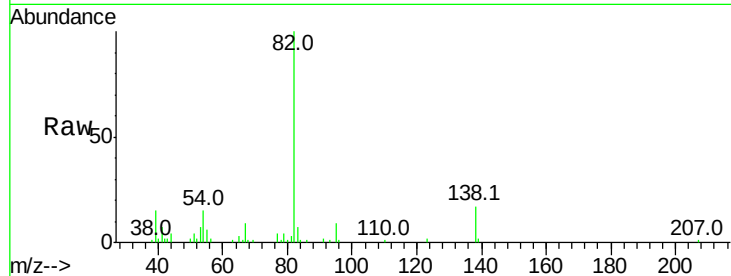
ClientSampled :

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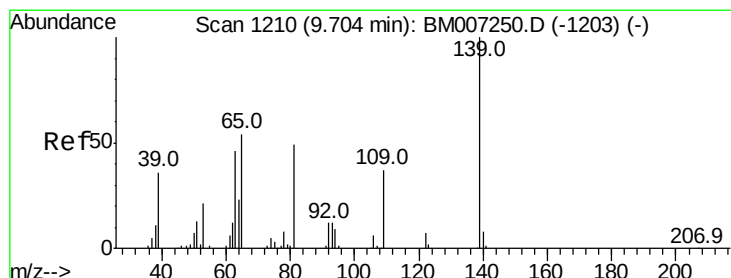
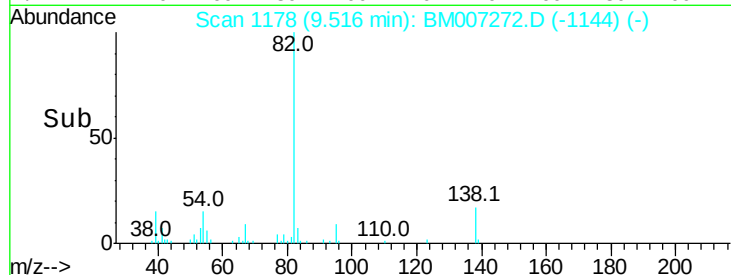
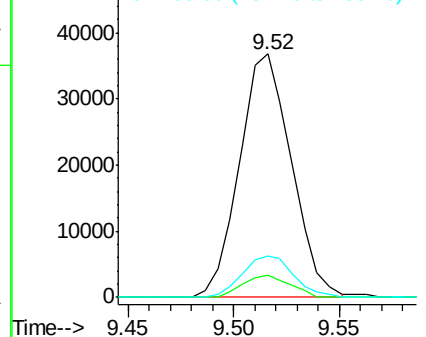
Tot Ion:	82	Resp:	62768
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.9	10.3
138	17.0	13.8	20.8

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Abundance Ion 82.00 (81.70 to 82.70): BM007272.D (-1176) (-)



#23

2-Nitrophenol

Concen: 2.13 ng/ul

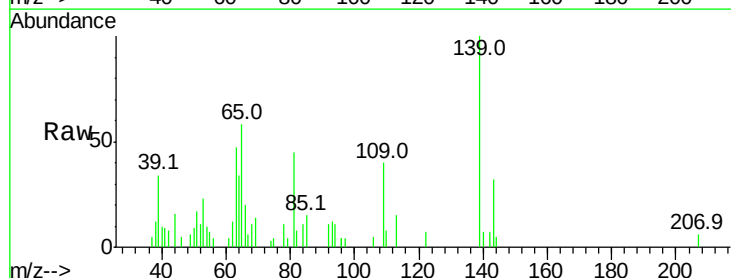
RT: 9.70 min Scan# 1210

Delta R.T. 0.00 min

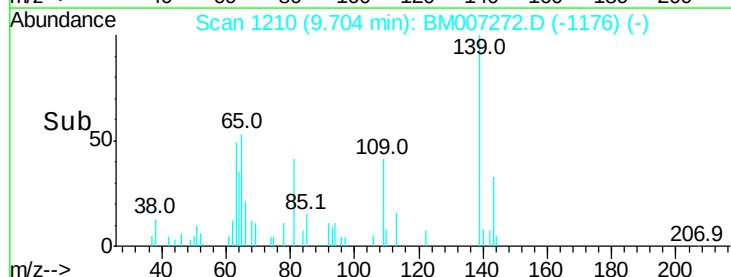
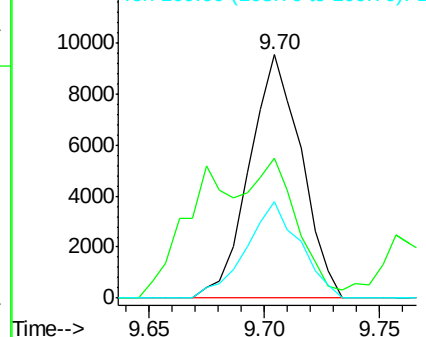
Lab File: BM007272.D

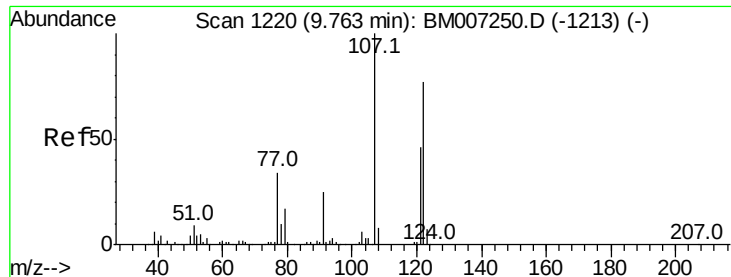
Acq: 24 Aug 2016 03:09

Tgt Ion:	139	Resp:	14913
Ion Ratio	Lower	Upper	
139	100		
65	57.6	44.2	66.4
109	39.6	28.2	42.4



Abundance Ion 139.00 (138.70 to 139.70): BM007272.D (-1176) (-)





#24

2,4-Dimethylphenol

Concen: 2.06 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

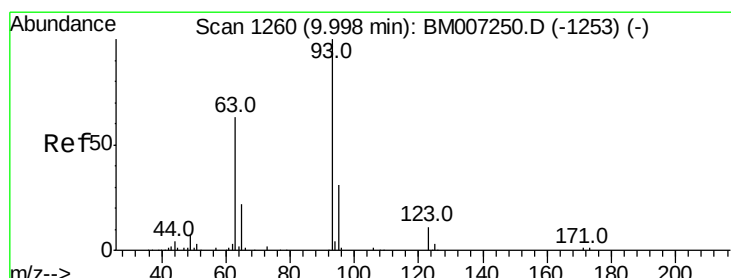
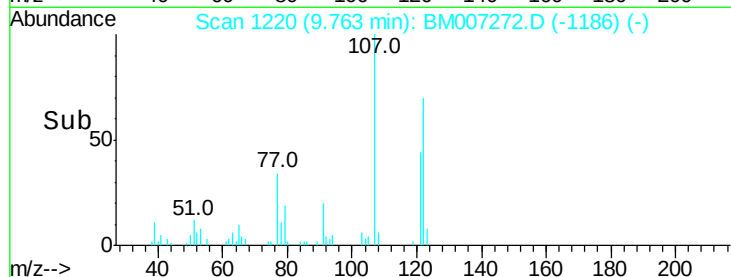
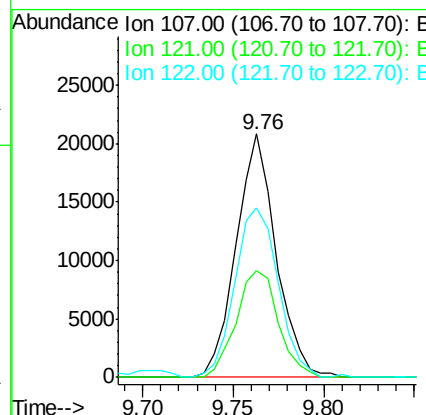
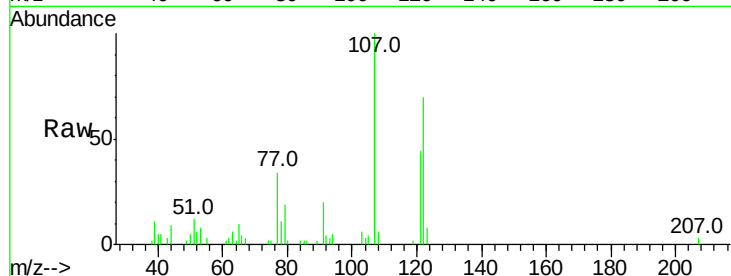
ClientSampled :

MDL-02-W

Tot Ion:	107	Resp:	31845
Ion Ratio	Lower	Upper	
107	100		
121	43.9	37.1	55.7
122	69.8	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.09 ng/ul

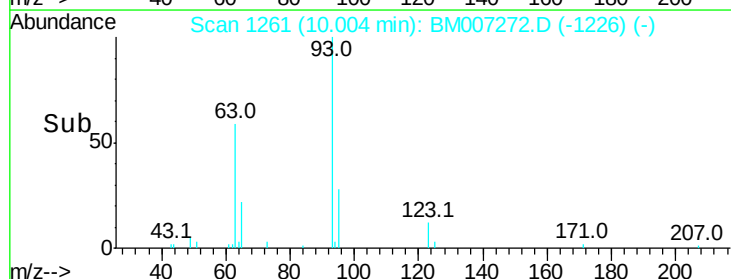
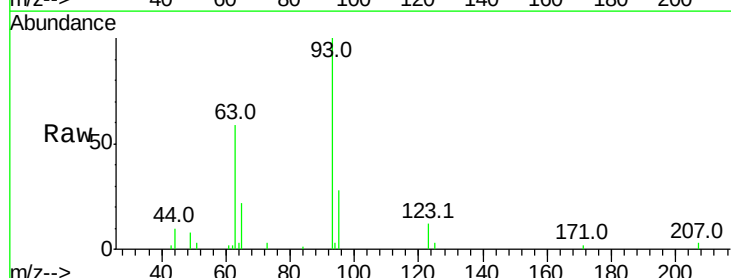
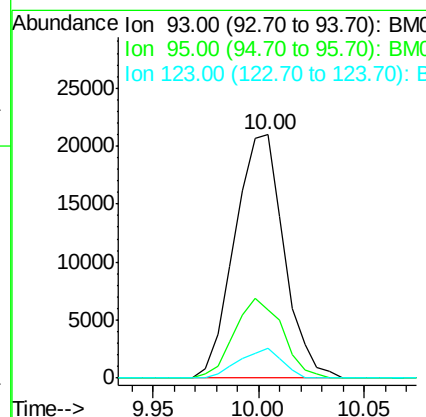
RT: 10.00 min Scan# 1261

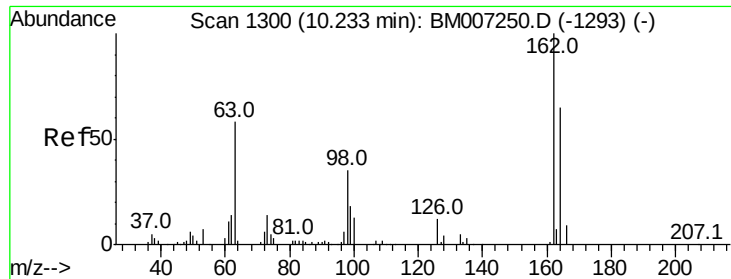
Delta R.T. 0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	93	Resp:	34034
Ion Ratio	Lower	Upper	
93	100		
95	28.2	25.4	38.0
123	12.3	8.3	12.5





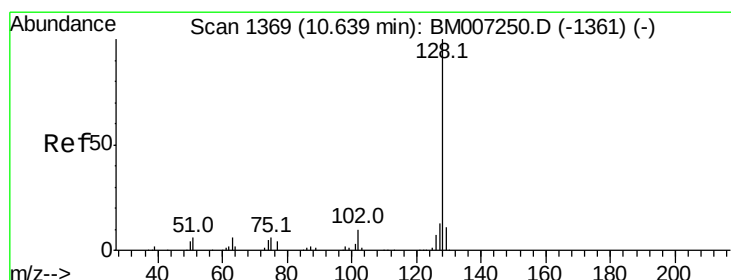
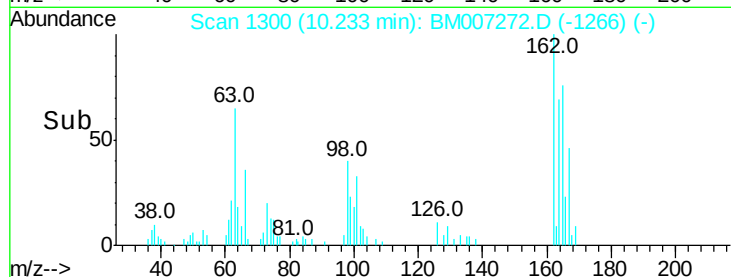
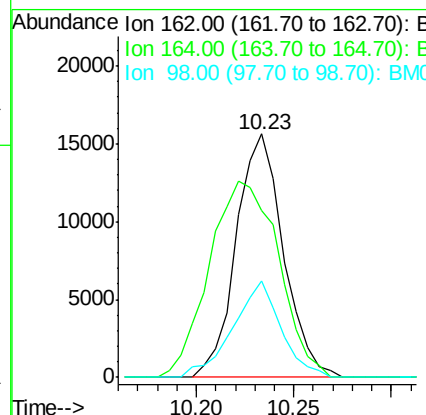
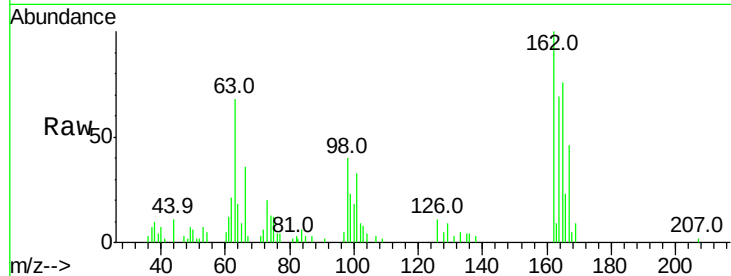
#27
 2,4-Dichlorophenol
 Concen: 2.05 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-W

Tot Ion	Ratio	Resp	Lower	Upper
162	100	26159		
164	68.7		51.6	77.4
98	39.8		28.4	42.6

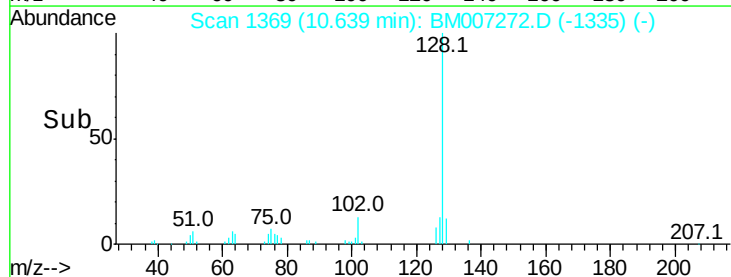
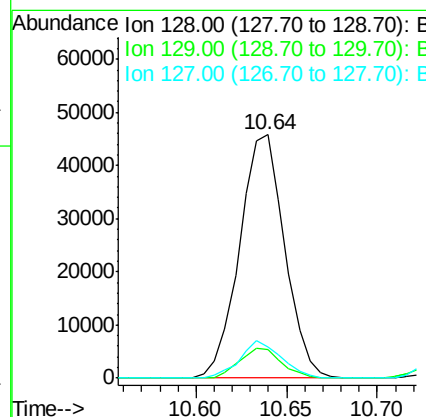
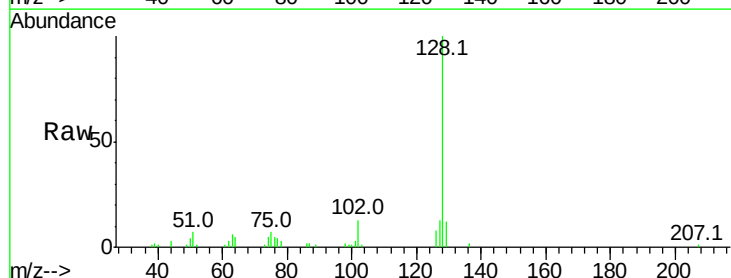
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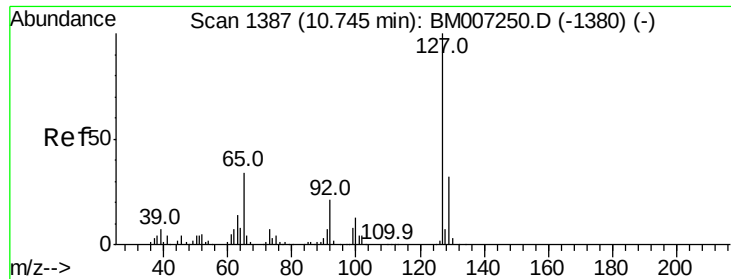
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#28
 Naphthalene
 Concen: 2.12 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	79029		
129	11.9		8.6	12.8
127	13.0		10.6	15.8





#30

4-Chloroaniline

Concen: 2.28 ng/ul

RT: 10.75 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

ClientSampled :

MDL-02-W

Tot Ion:127 Resp: 37515

Ion Ratio Lower Upper

127 100

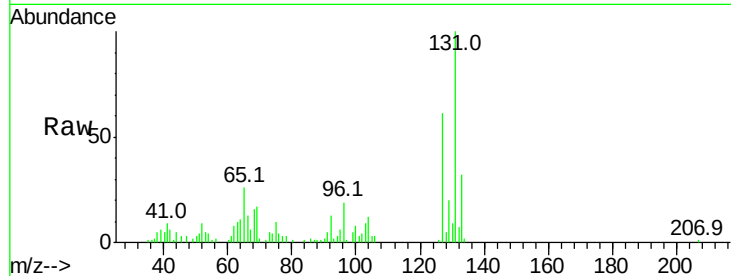
129 32.8 24.6 37.0

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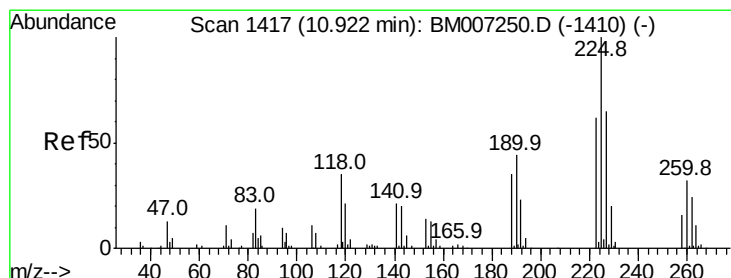
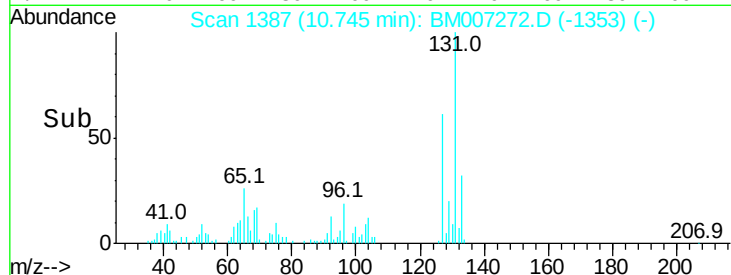
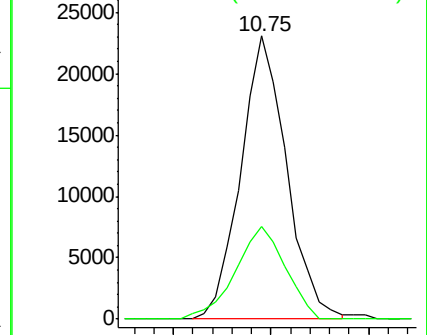
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 2.20 ng/ul

RT: 10.92 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

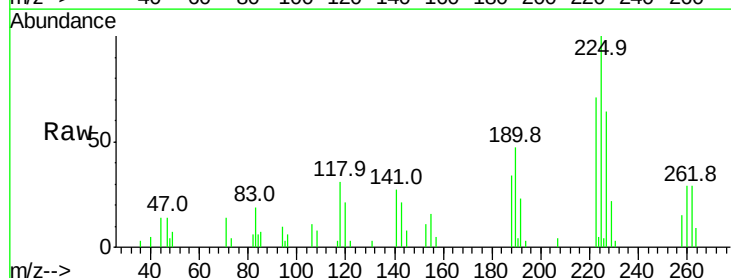
Tgt Ion:225 Resp: 18906

Ion Ratio Lower Upper

225 100

223 67.8 51.2 76.8

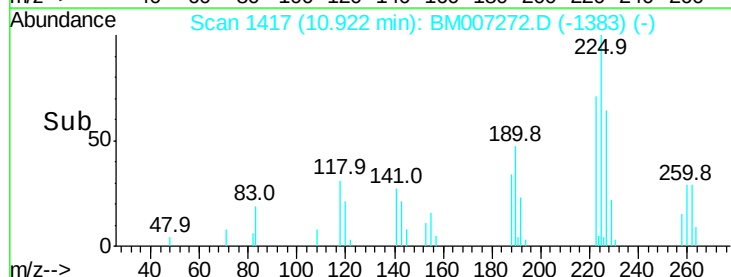
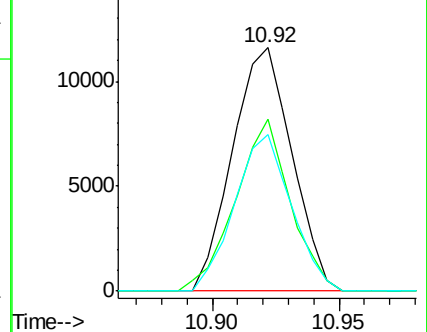
227 61.6 52.5 78.7

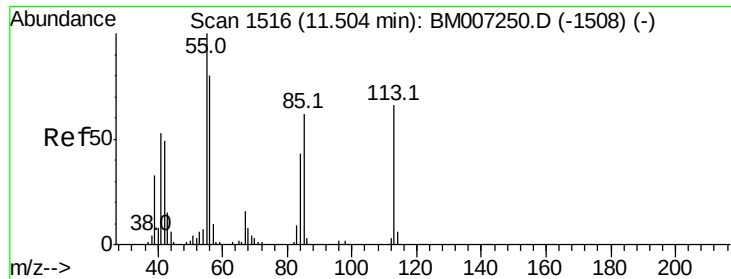


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.19 ng/ul m

RT: 11.53 min Scan# 1520

Delta R.T. 0.02 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

Tot Ion:113 Resp: 11256

Ion Ratio Lower Upper

113 100

55 122.7 121.9 182.9

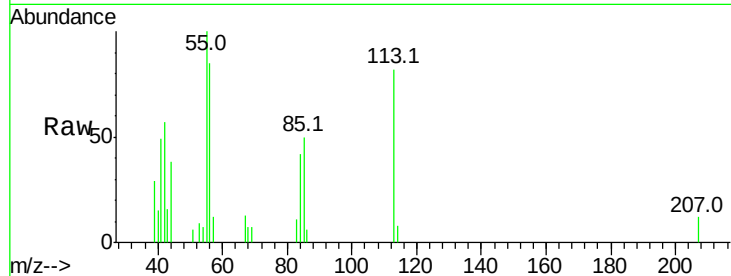
56 104.6 97.4 146.0

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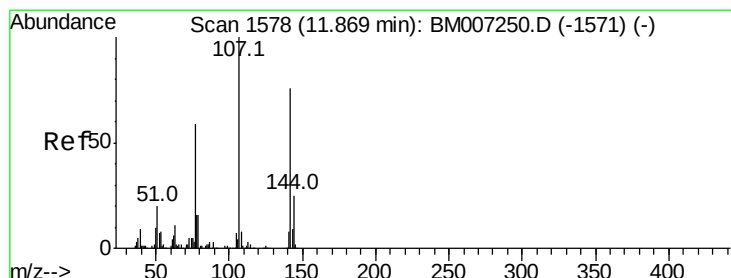
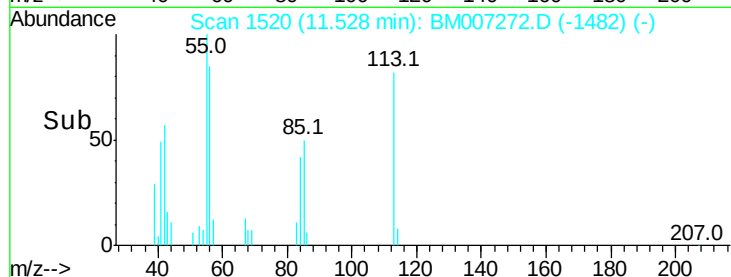
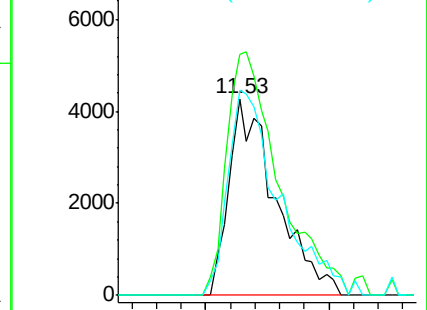
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1.98 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

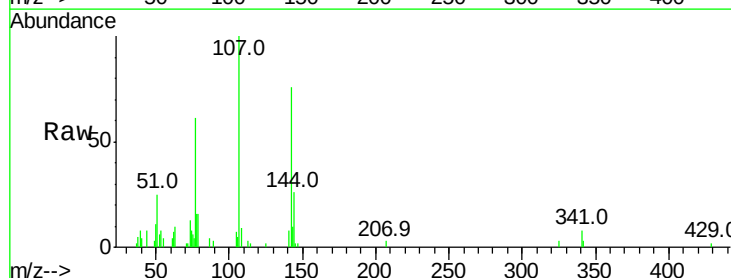
Tgt Ion:107 Resp: 31166

Ion Ratio Lower Upper

107 100

144 26.1 21.1 31.7

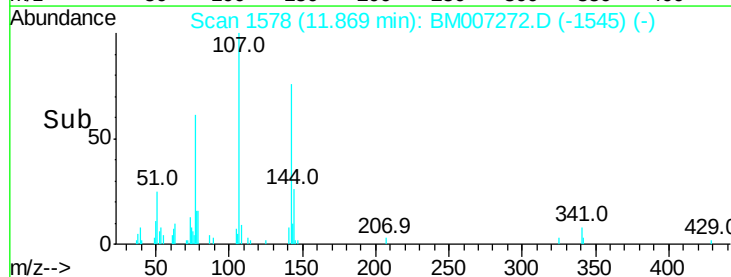
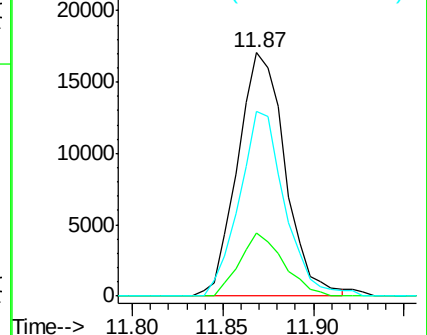
142 75.7 64.1 96.1

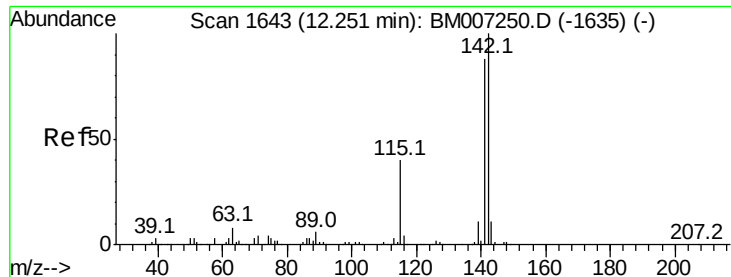


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





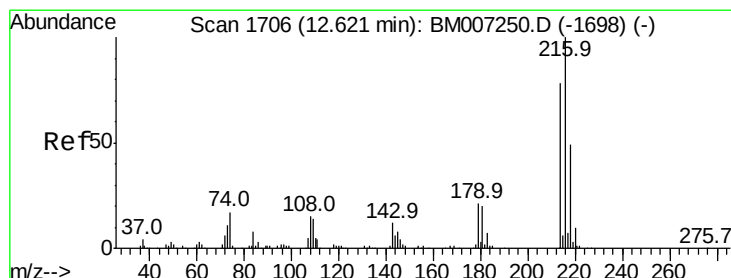
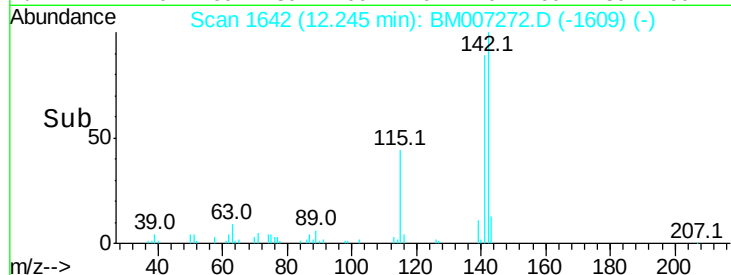
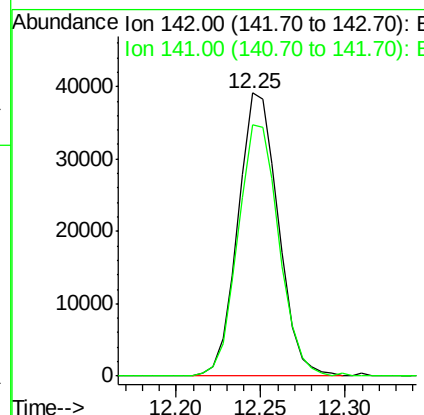
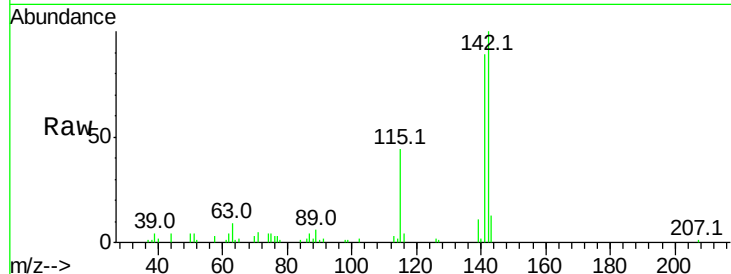
#34
 2-Methylnaphthalene
 Concen: 2.12 ng/ul
 RT: 12.25 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9

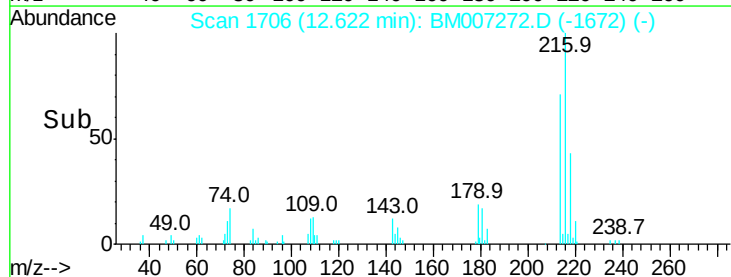
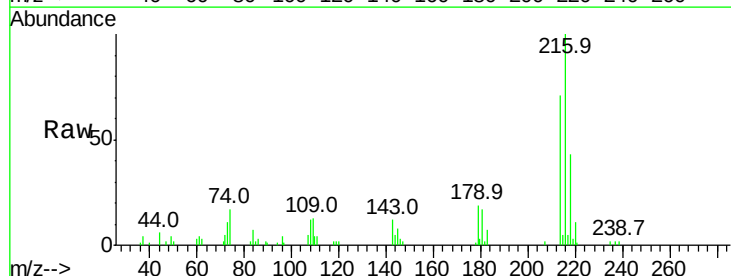
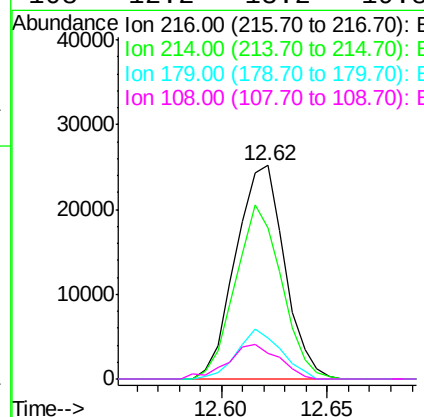
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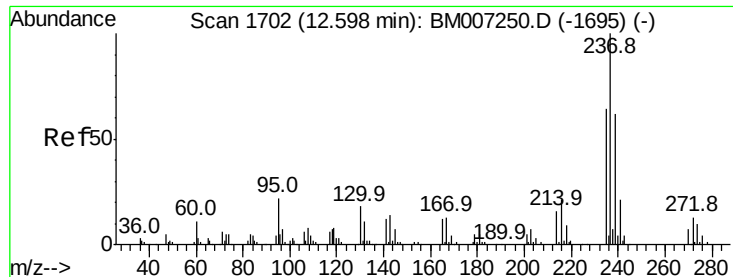
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.20 ng/ul
 RT: 12.62 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	70.6	64.8	97.2
179	19.5	16.7	25.1
108	12.2	13.2	19.8





#37

Hexachlorocyclopentadiene

Concen: 1.60 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

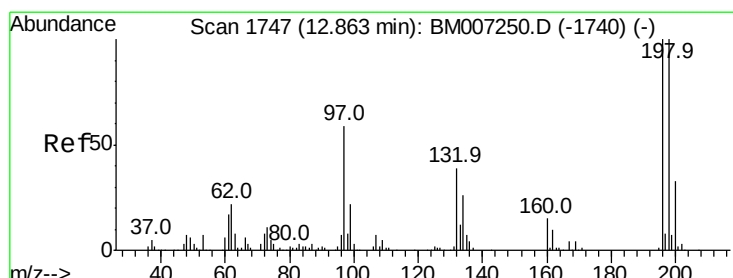
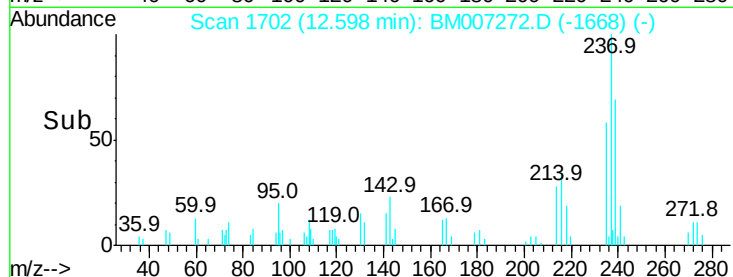
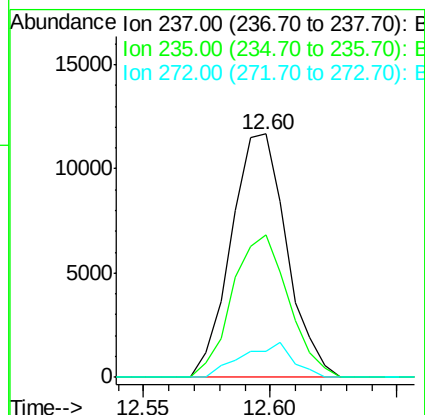
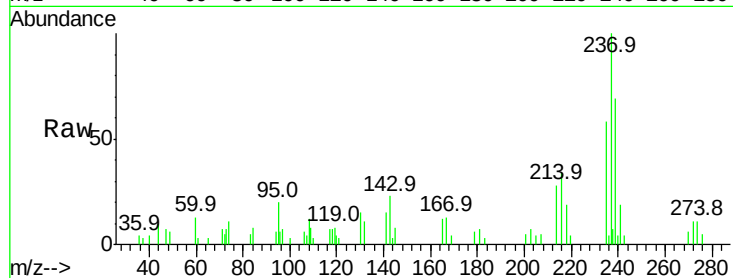
ClientSampleId :

MDL-02-W

Tot Ion:	237	Resp:	17837
Ion Ratio	Lower	Upper	
237	100		
235	54.7	49.6	74.4
272	10.2	10.4	15.6#

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#38

2,4,6-Trichlorophenol

Concen: 1.87 ng/ul

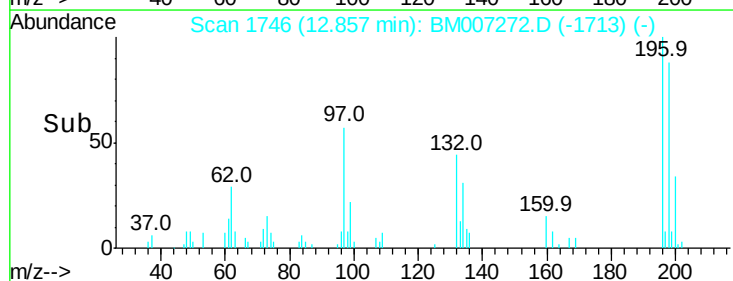
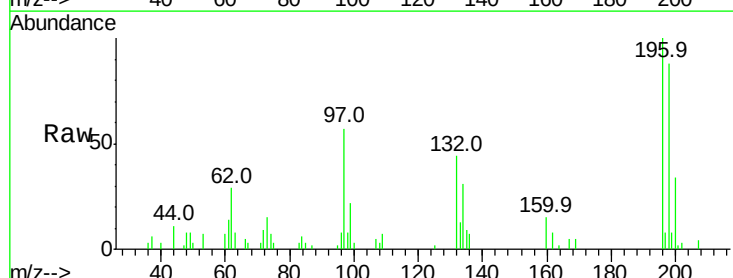
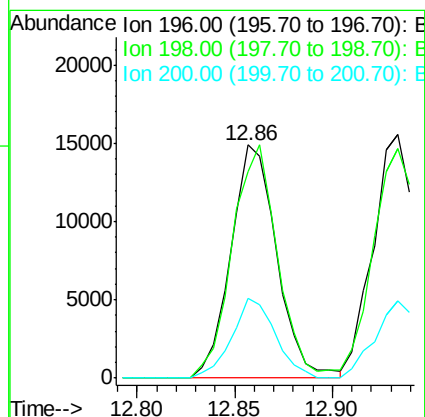
RT: 12.86 min Scan# 1746

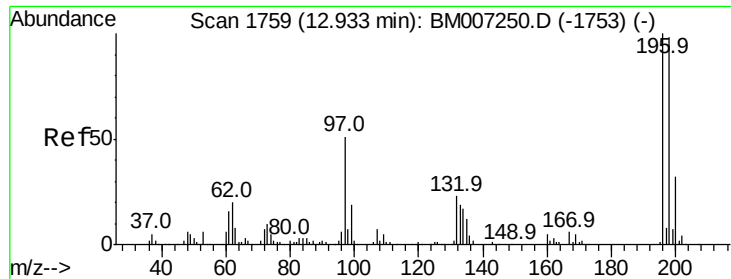
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	196	Resp:	24393
Ion Ratio	Lower	Upper	
196	100		
198	88.5	76.9	115.3
200	34.1	25.1	37.7





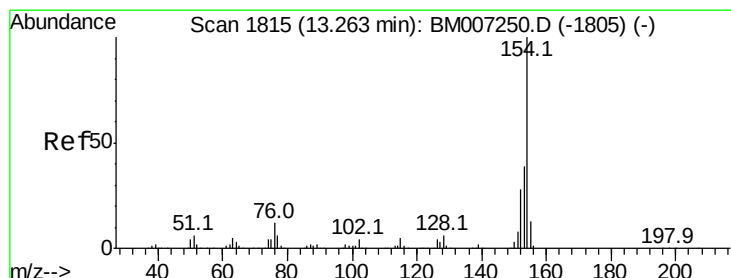
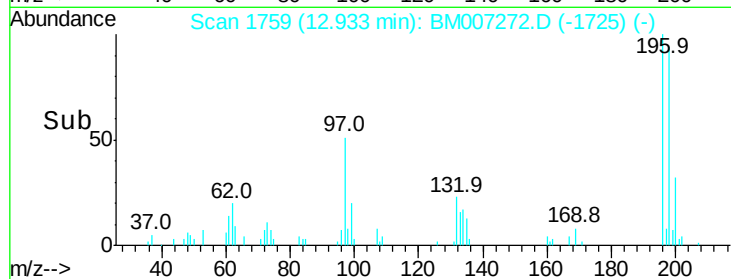
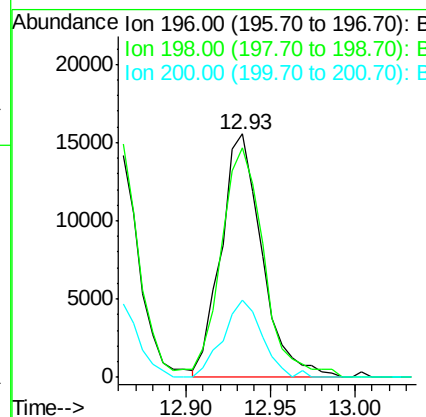
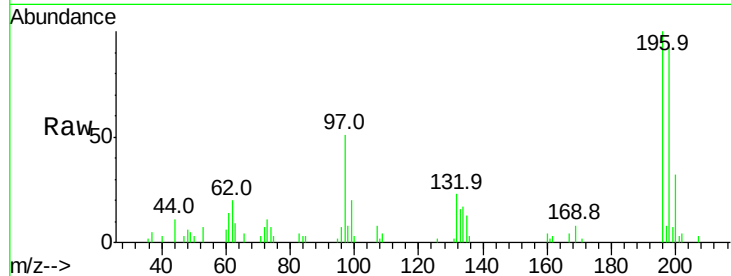
#39
 2,4,5-Trichlorophenol
 Concen: 1.93 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-W

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26357		
198	94.2	76.8	115.2	
200	32.0	27.0	40.4	

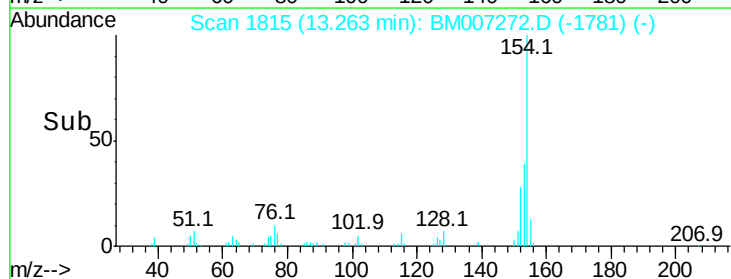
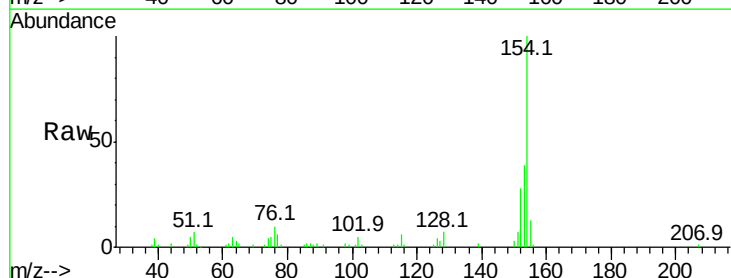
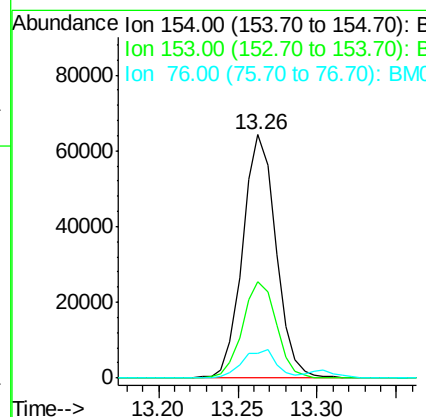
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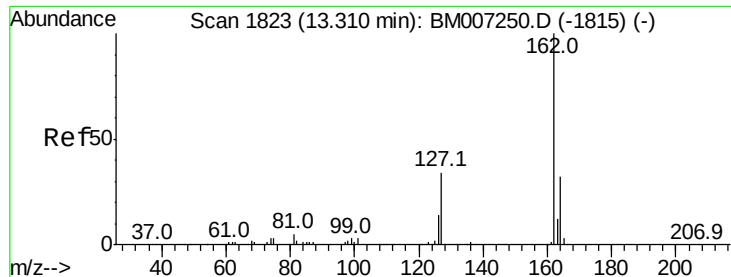
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#40
 1,1'-Biphenyl
 Concen: 2.18 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	93941		
153	39.4	31.3	46.9	
76	9.9	10.0	15.0	





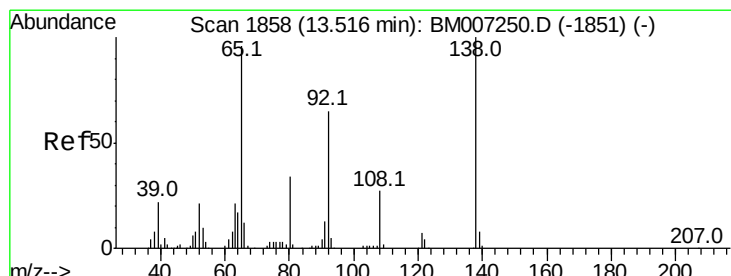
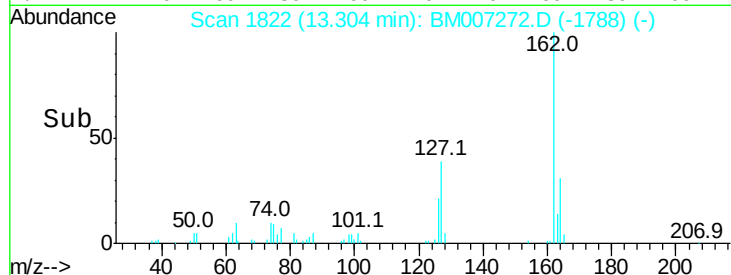
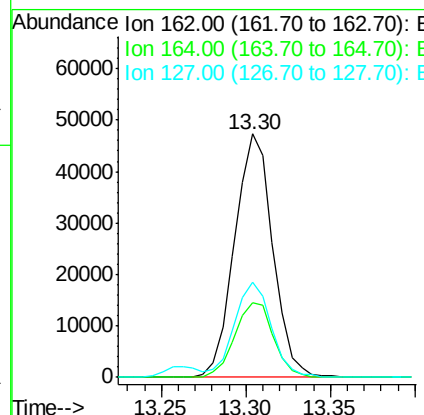
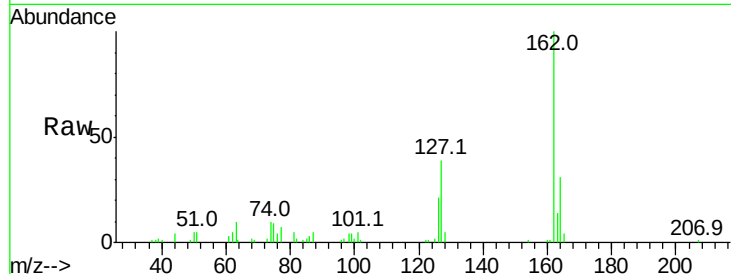
#41
2-Chloronaphthalene
Concen: 2.21 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.7	26.9	40.3
127	39.1	31.2	46.8

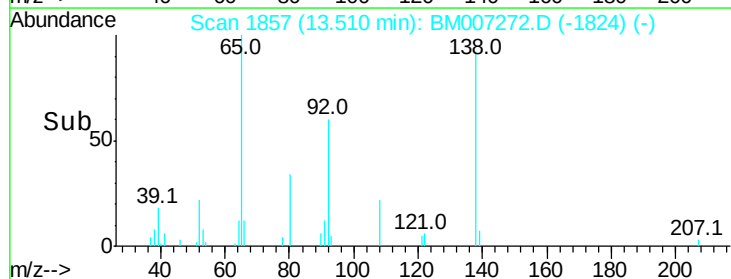
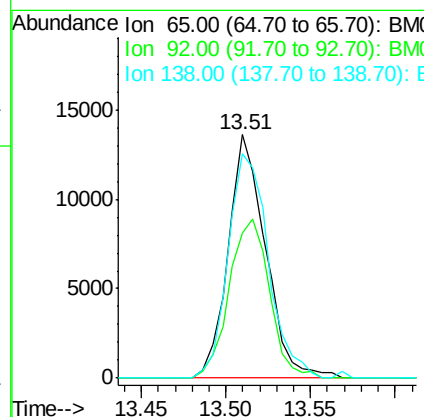
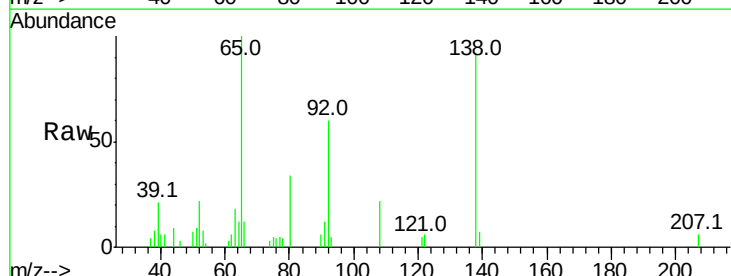
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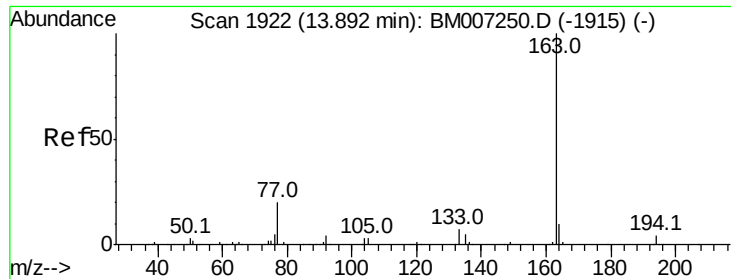
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#42
2-Nitroaniline
Concen: 1.91 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.8	55.6	83.4
138	92.2	81.3	121.9





#44

Dimethylphthalate

Concen: 2.50 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

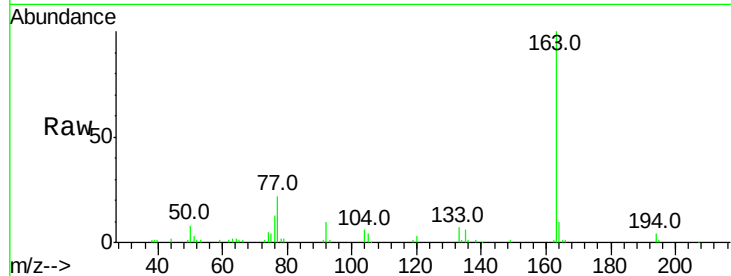
ClientSampleId :

MDL-02-W

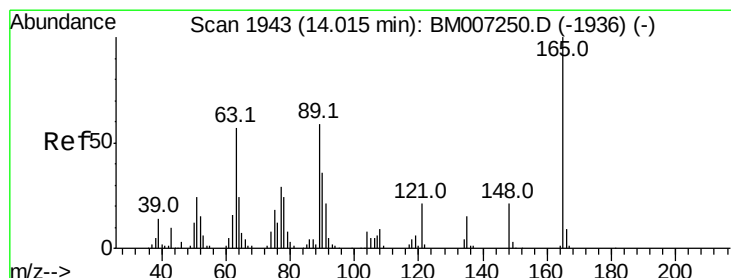
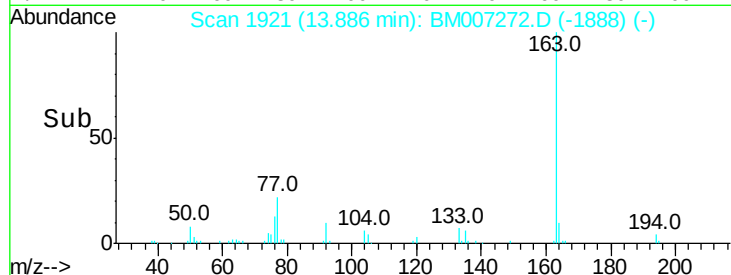
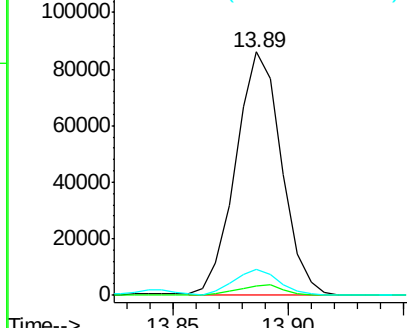
Tot Ion:	163	Resp:	119249
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 1.97 ng/ul

RT: 14.01 min Scan# 1942

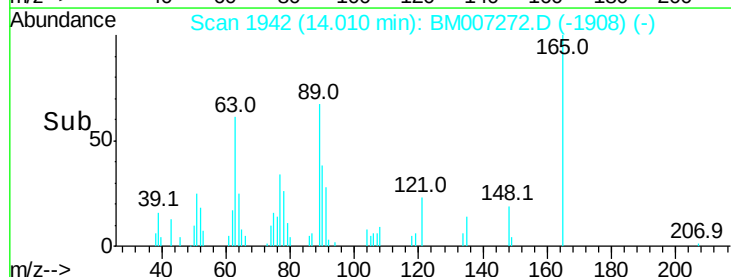
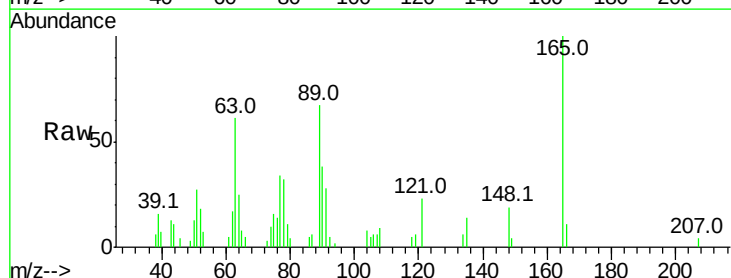
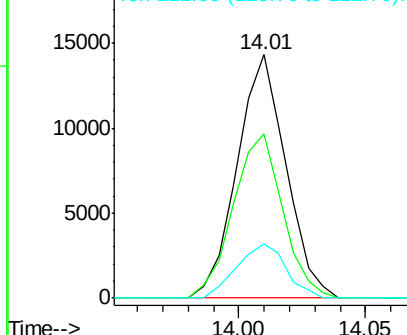
Delta R.T. 0.00 min

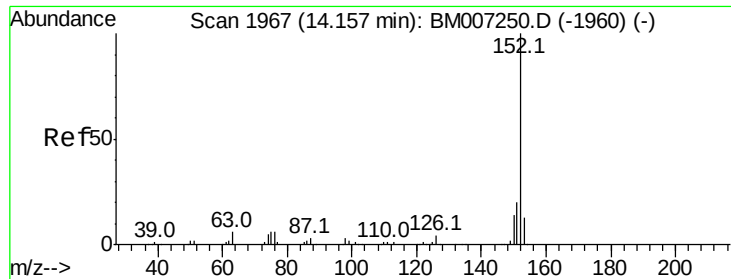
Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	165	Resp:	19164
Ion Ratio	Lower	Upper	
165	100		
89	67.3	46.6	69.8
121	22.5	16.0	24.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): E
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 2.26 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

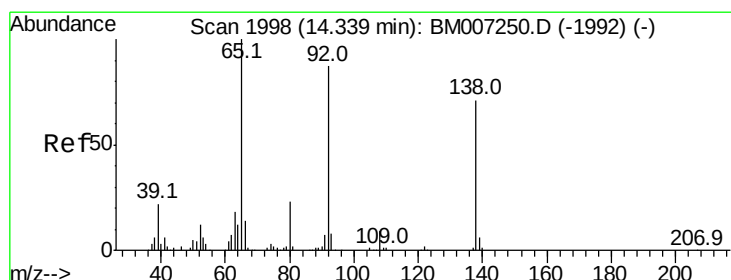
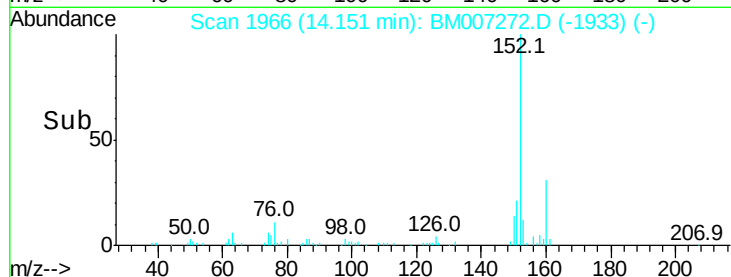
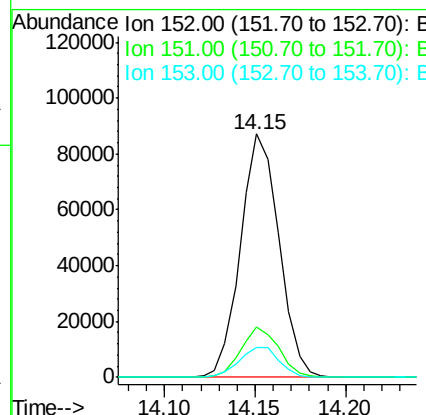
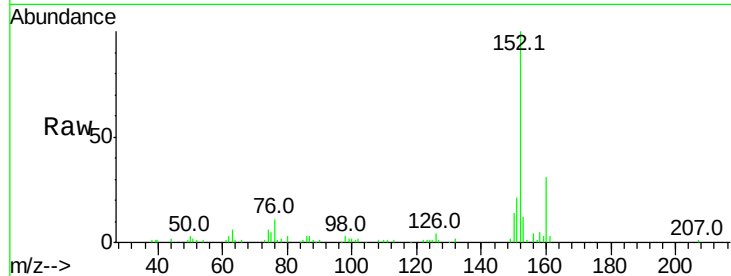
ClientSampled :

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Tot Ion:	152	Resp:	129024
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.0	24.0
153	12.3	11.0	16.6

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#48

3-Nitroaniline

Concen: 2.04 ng/ul

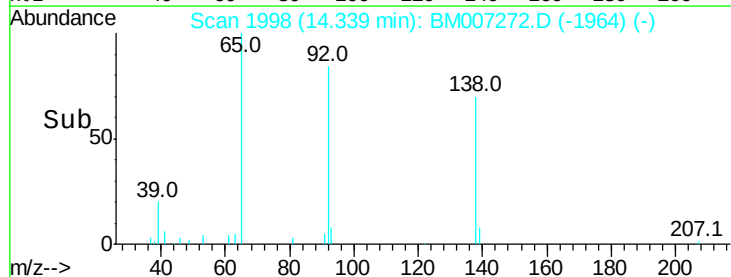
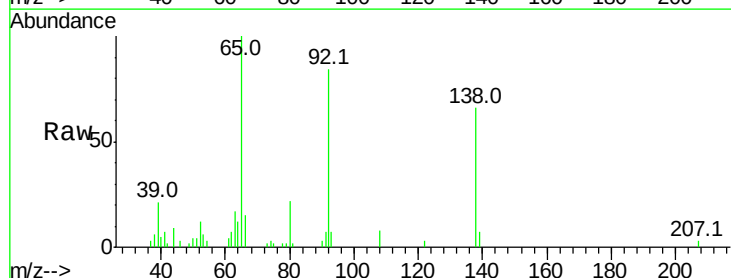
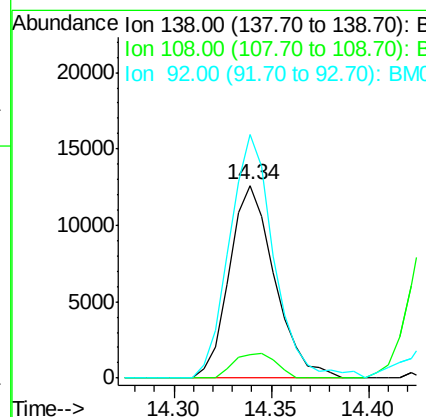
RT: 14.34 min Scan# 1998

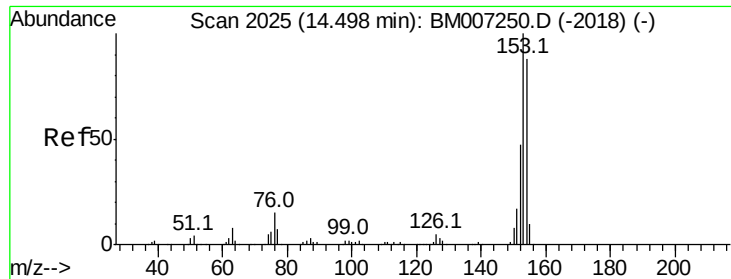
Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	138	Resp:	20248
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.4	14.0
92	126.5	96.6	145.0





#49

Acenaphthene

Concen: 2.29 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

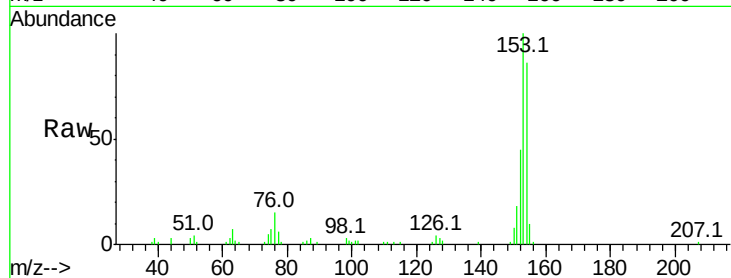
ClientSampleId :

MDL-02-W

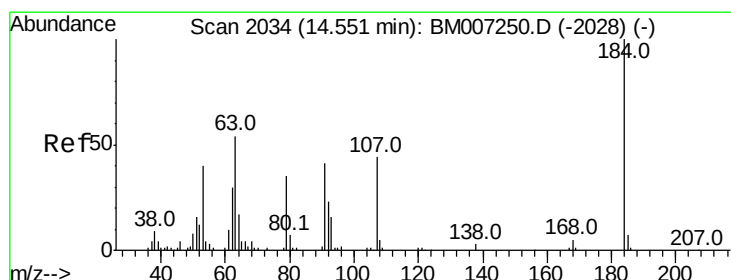
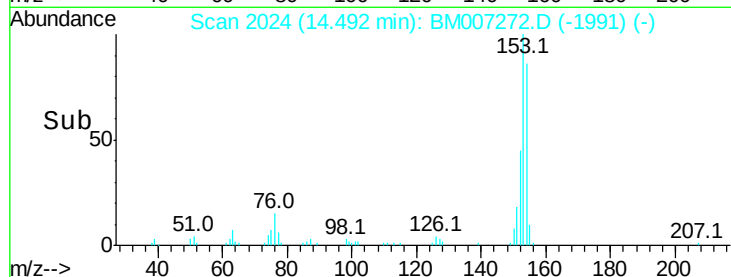
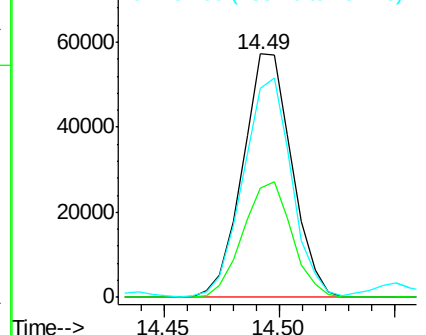
Tot Ion:153	Resp:	84995
Ion Ratio	Lower	Upper
153	100	
152	44.8	37.8 56.6
154	85.8	71.4 107.0

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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: 1.32 ng/ul

RT: 14.55 min Scan# 2034

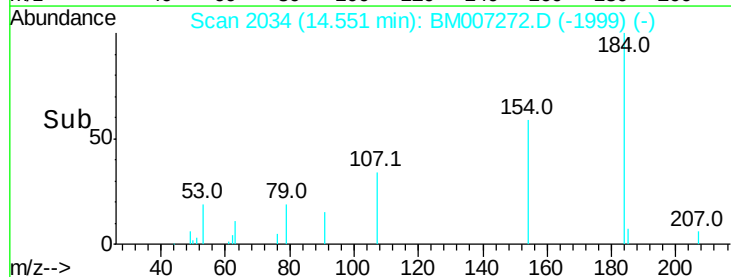
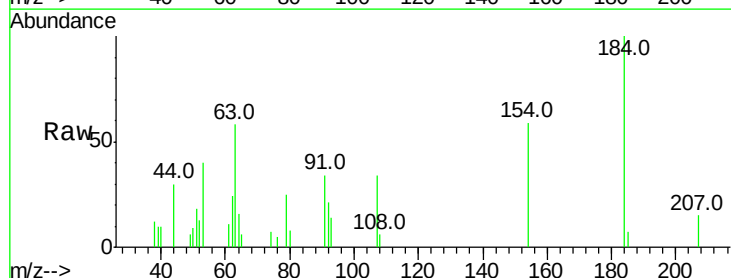
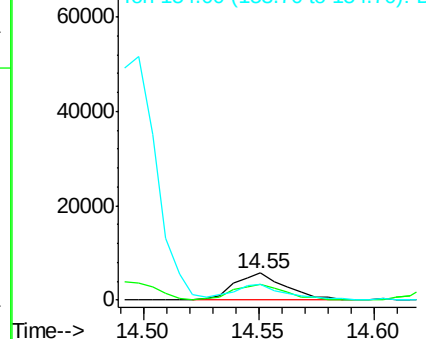
Delta R.T. 0.01 min

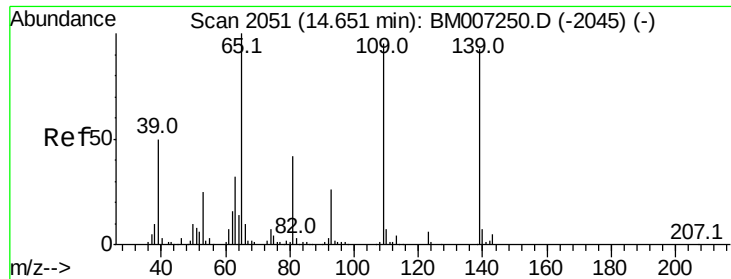
Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:184	Resp:	8737
Ion Ratio	Lower	Upper
184	100	
63	57.8	43.4 65.0
154	58.5	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





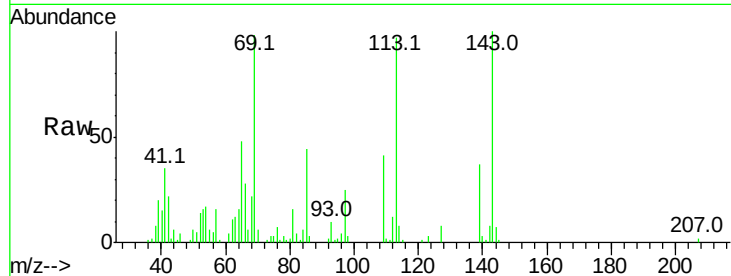
#52
4-Nitrophenol
Concen: 2.47 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

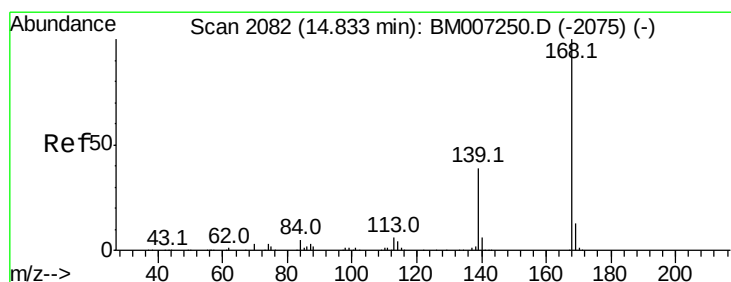
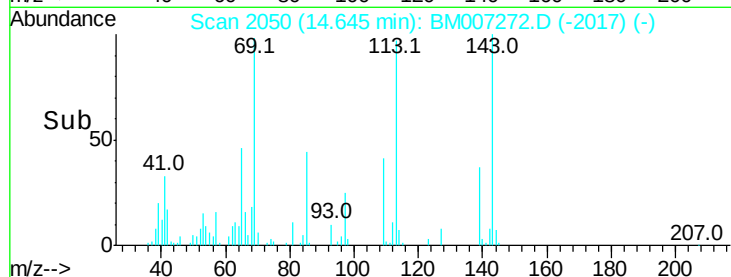
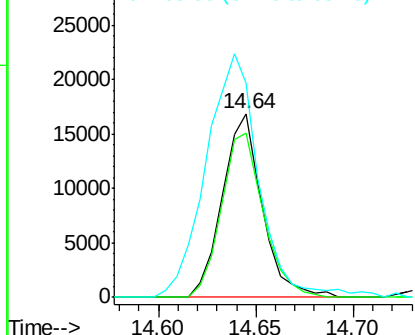
Tot Ion	Ratio	Resp	Lower	Upper
109	100	23782		
139	89.4	88.7	133.1	
65	116.4	96.4	144.6	

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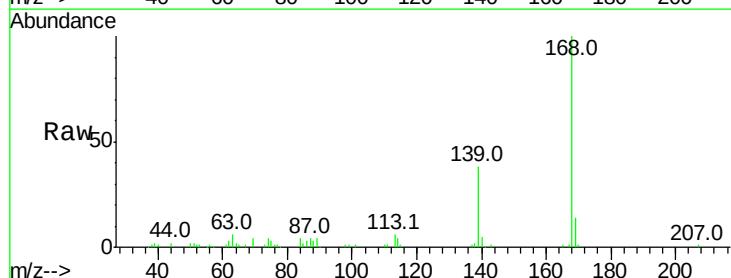


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

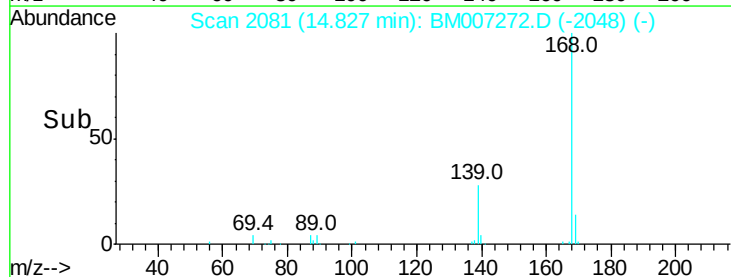
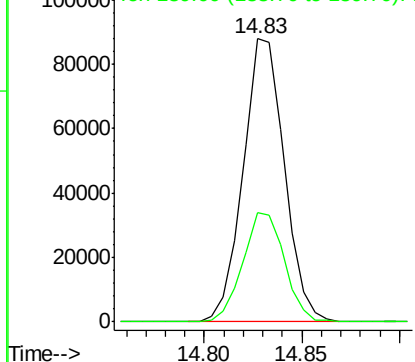


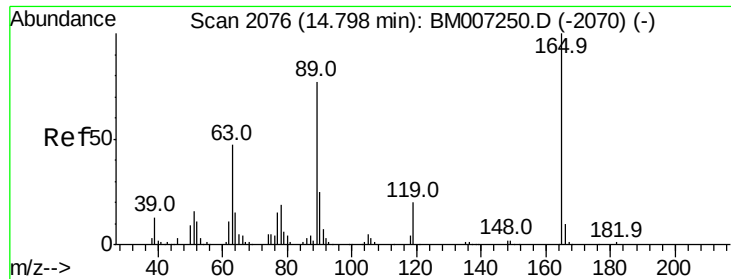
#53
Dibenzofuran
Concen: 2.32 ng/ul
RT: 14.83 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	128926		
139	38.4	30.1	45.1	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





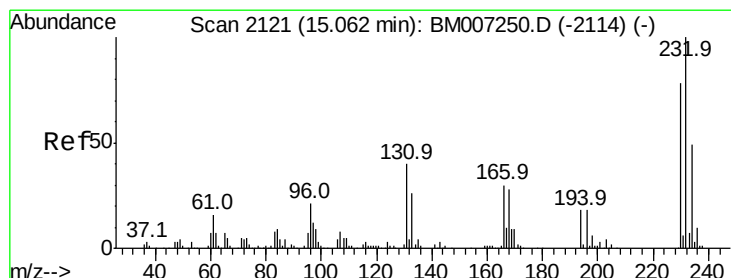
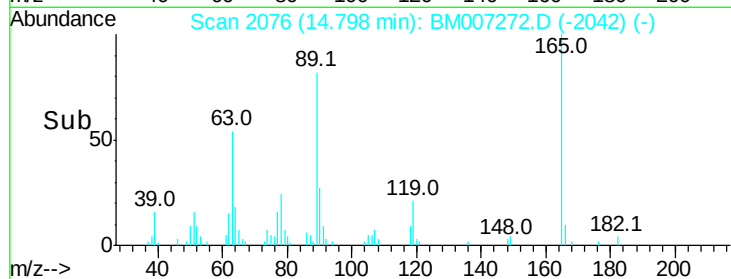
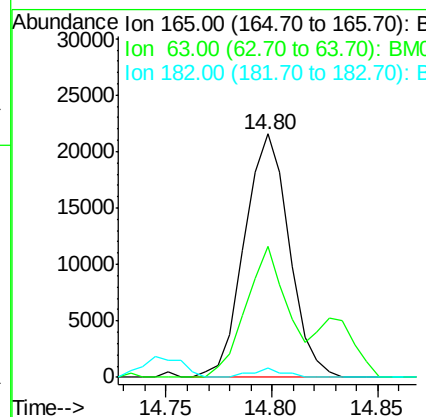
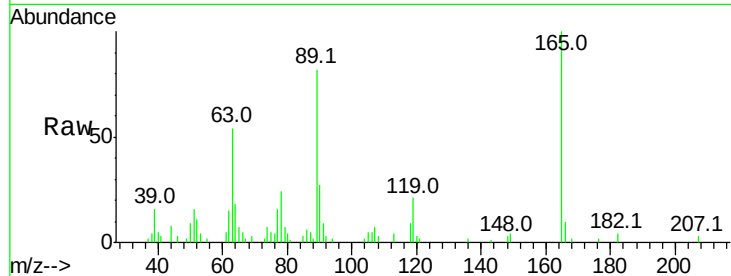
#54
 2,4-Dinitrotoluene
 Concen: 2.12 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-W

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.6	36.2	54.2
182	3.9	2.2	3.4

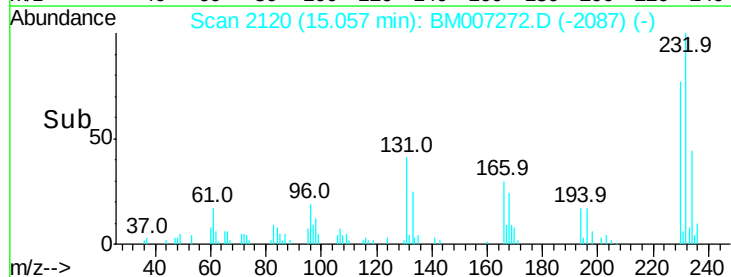
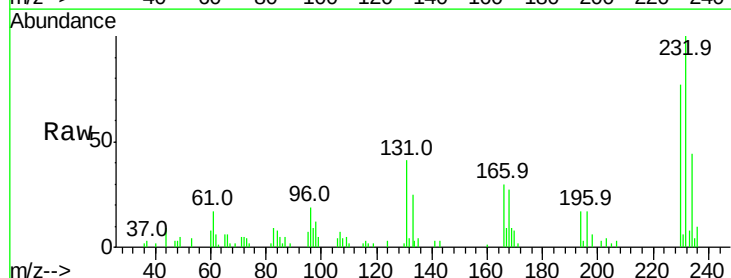
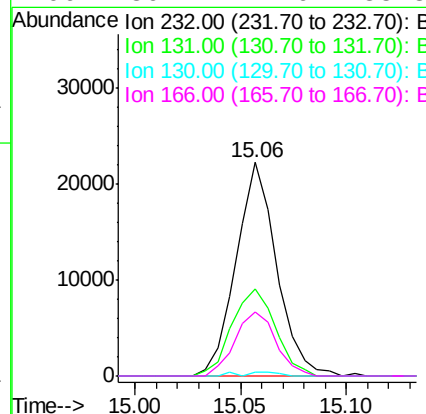
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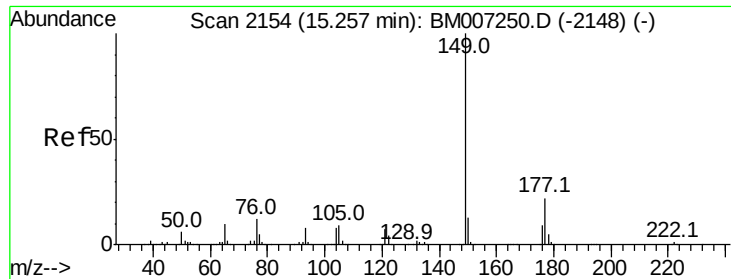
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.11 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	40.7	31.4	47.0
130	1.8	1.6	2.4
166	30.2	22.6	33.8





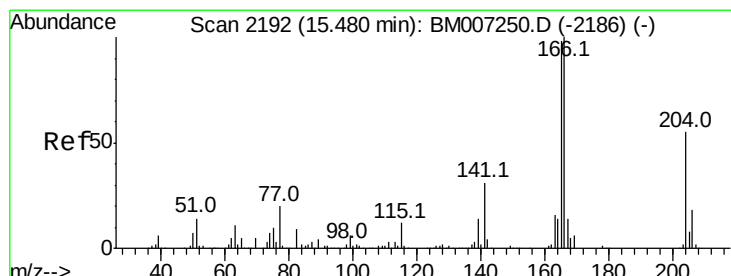
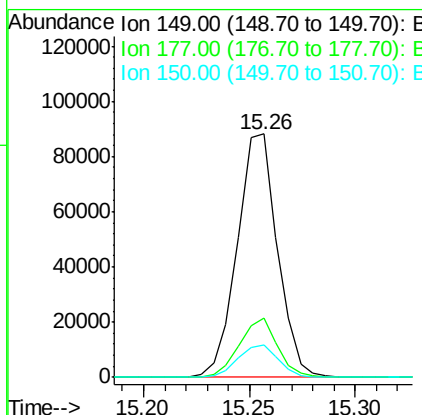
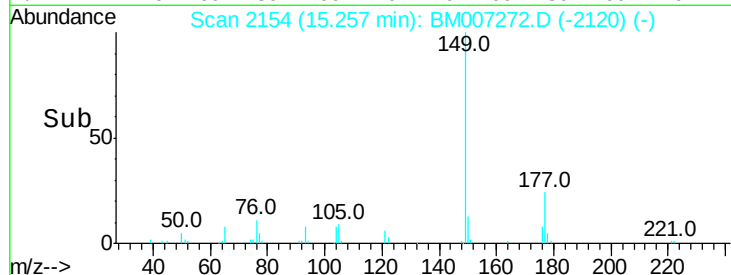
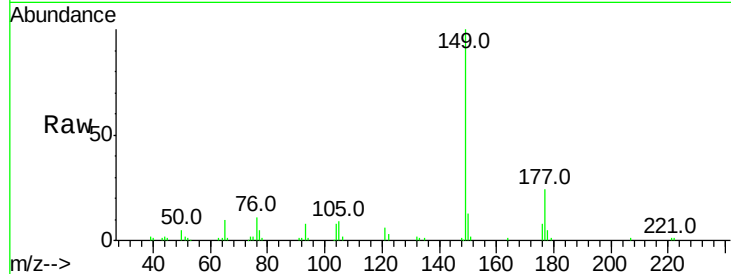
#56
Diethylphthalate
Concen: 2.34 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Tot Ion	Ratio	Resp	Lower	Upper
149	100	116560		
177	24.2	18.6	28.0	
150	13.2	10.0	15.0	

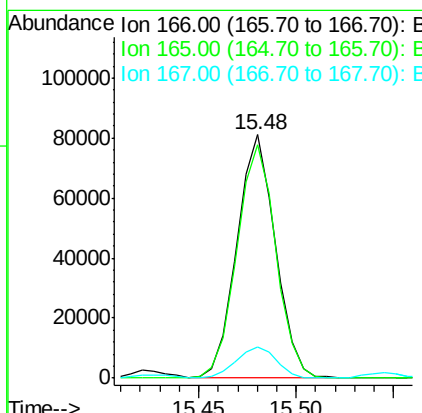
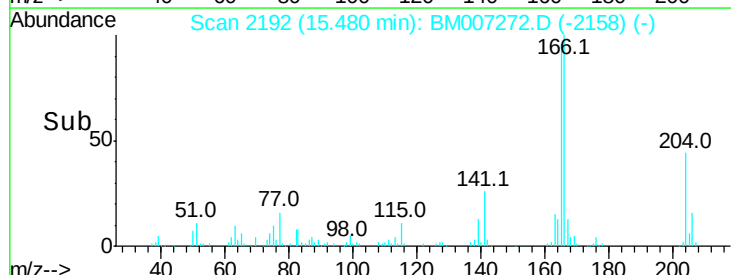
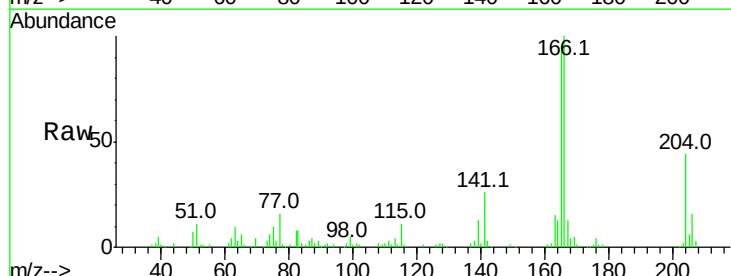
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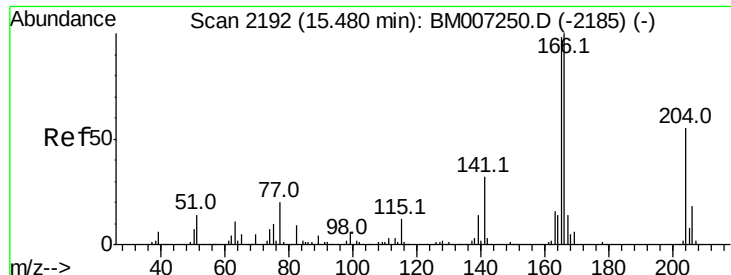
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#58
Fluorene
Concen: 2.42 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	110994		
165	95.7	79.9	119.9	
167	12.9	10.5	15.7	





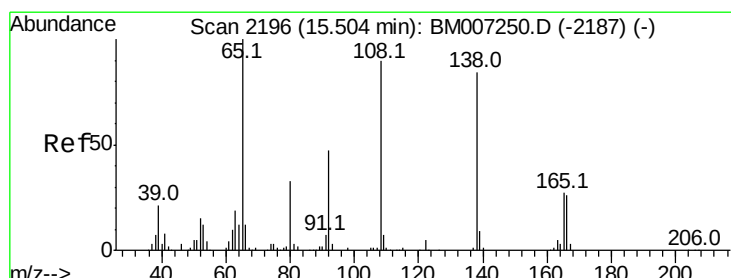
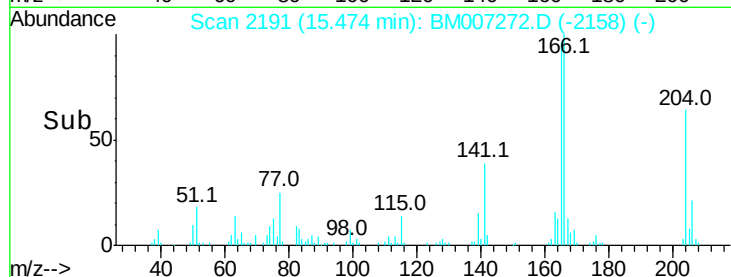
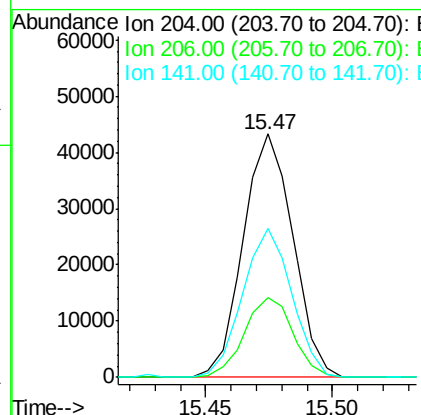
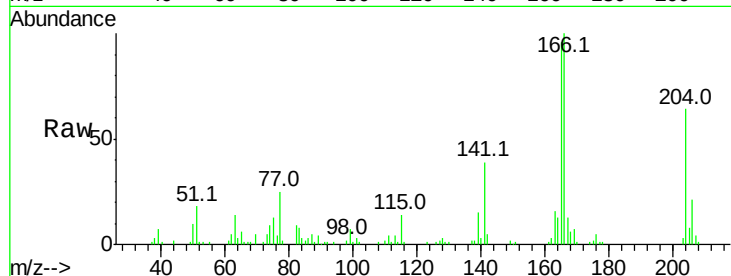
#59
 4-Chlorophenyl-phenylether
 Concen: 2.48 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-W

Tot Ion:	204	Resp:	59402
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.9	38.9
141	61.0	46.1	69.1

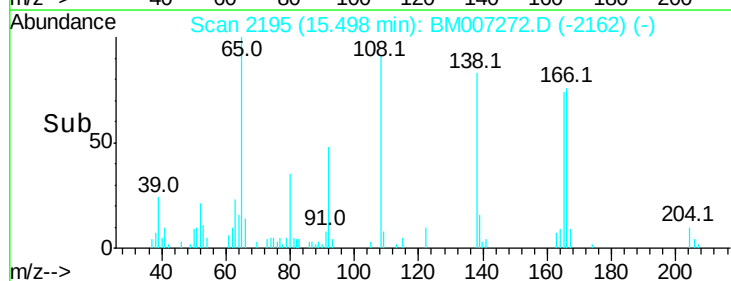
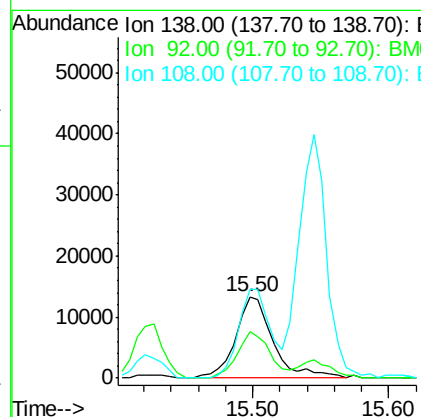
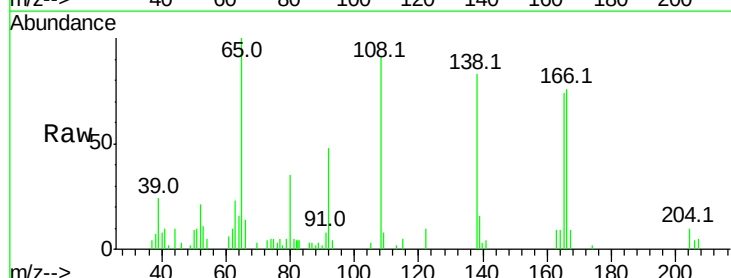
Manual Integrations
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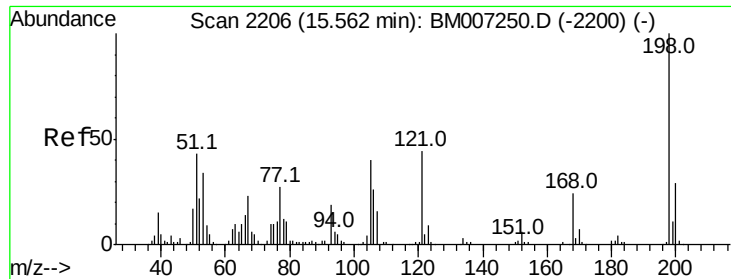
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#60
 4-Nitroaniline
 Concen: 2.26 ng/ul m
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion:	138	Resp:	25555
Ion Ratio	Lower	Upper	
138	100		
92	57.1	43.5	65.3
108	109.4	80.3	120.5





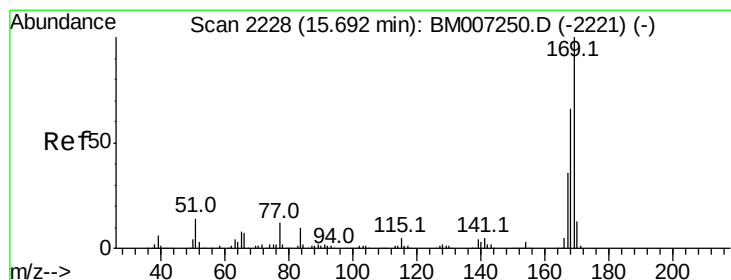
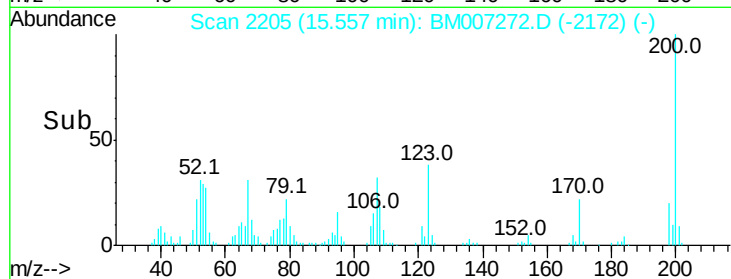
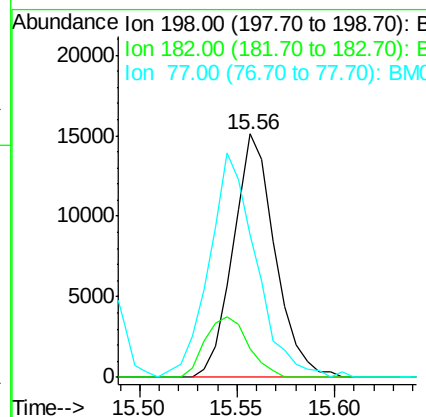
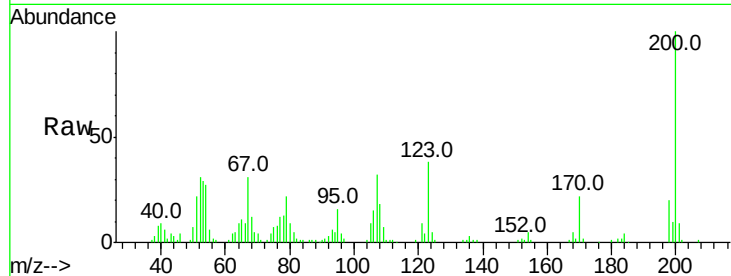
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.19 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-W

Tot Ion	Ratio	Lower	Upper
198	100		
182	11.8	3.3	4.9#
77	58.3	21.8	32.6#

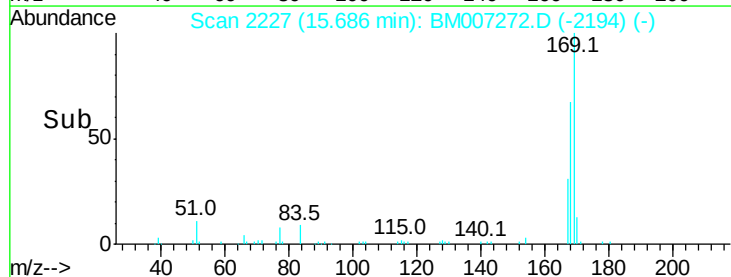
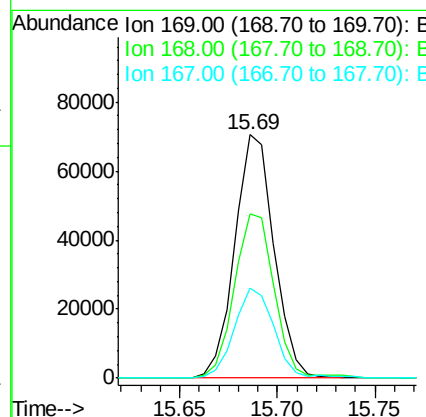
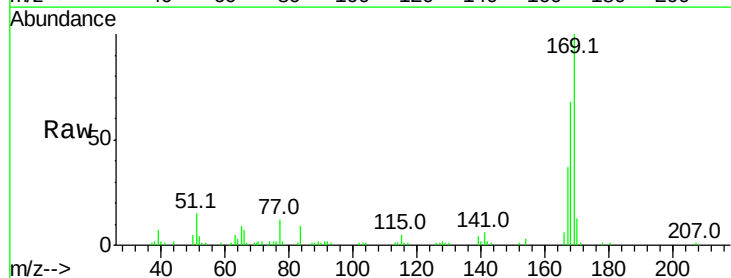
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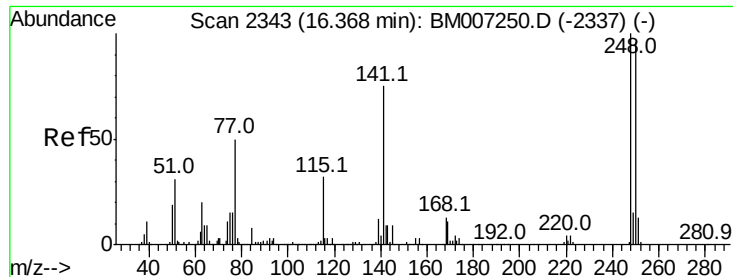
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#64
 N-Nitrosodiphenylamine
 Concen: 2.30 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.6	79.0
167	37.0	28.6	43.0





#65

4-Bromophenyl-phenylether

Concen: 2.24 ng/ul

RT: 16.37 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

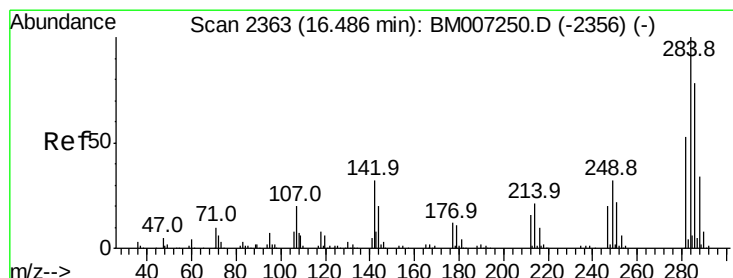
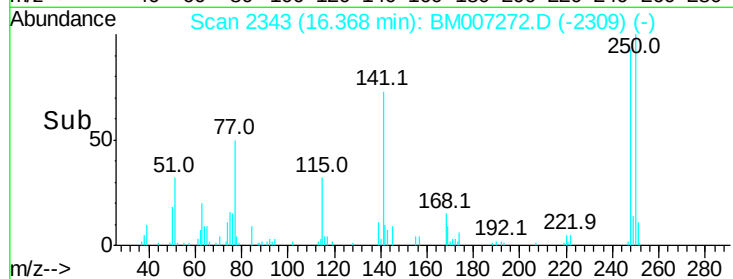
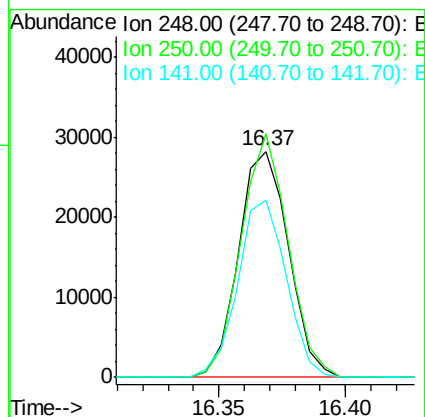
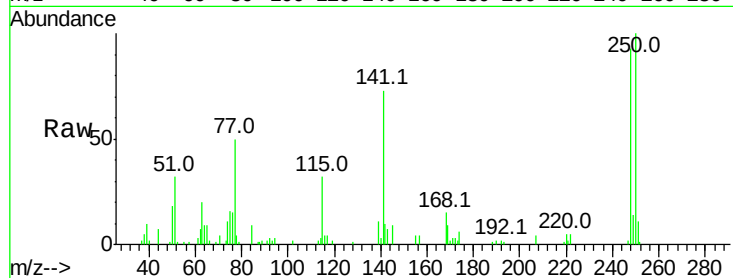
ClientSampled :

MDL-02-W

Tot Ion:	248	Resp:	38787
Ion Ratio	Lower	Upper	
248	100		
250	107.8	79.7	119.5
141	78.4	58.3	87.5

Manual Integrations
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#66

Hexachlorobenzene

Concen: 2.36 ng/ul

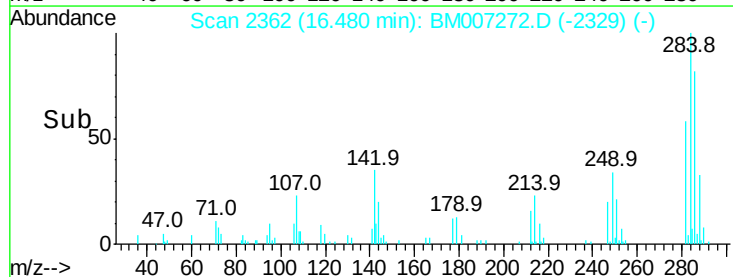
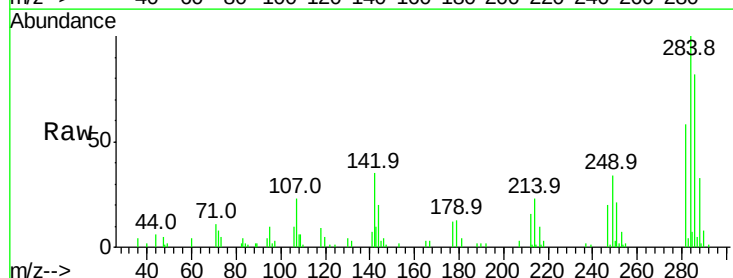
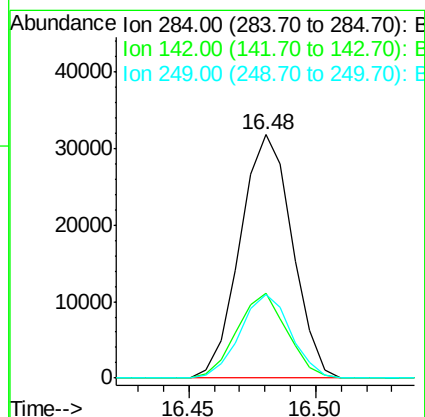
RT: 16.48 min Scan# 2362

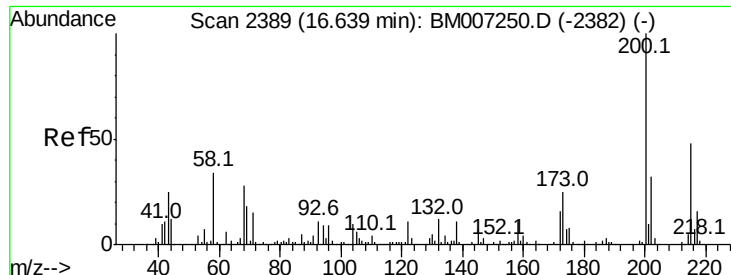
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	284	Resp:	45626
Ion Ratio	Lower	Upper	
284	100		
142	34.9	24.9	37.3
249	34.1	25.5	38.3





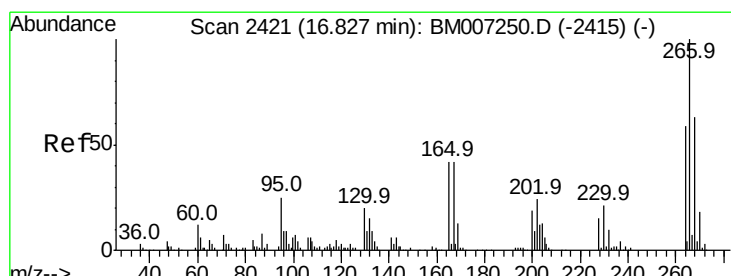
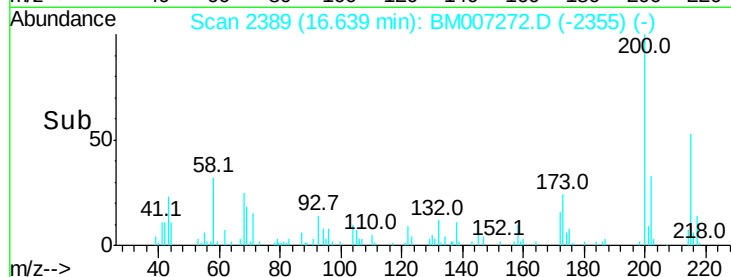
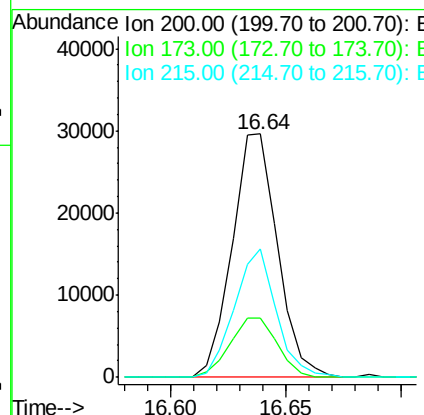
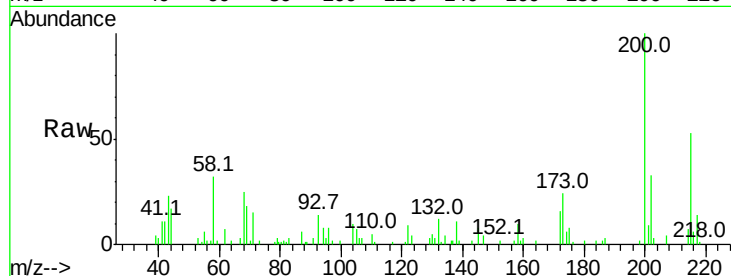
#67
 Atrazine
 Concen: 2.25 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tot Ion	Ratio	Resp	Lower	Upper
200	100	40614		
173	24.2		18.9	28.3
215	52.9		39.5	59.3

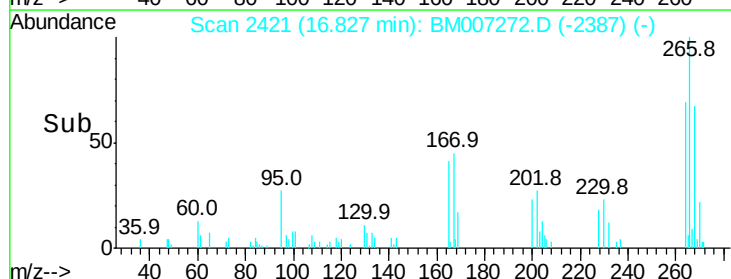
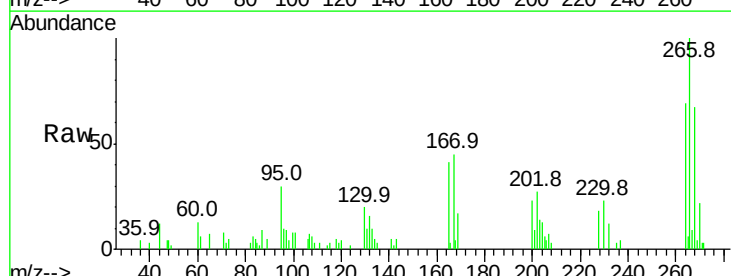
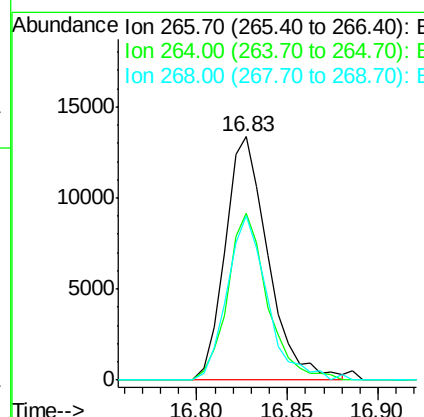
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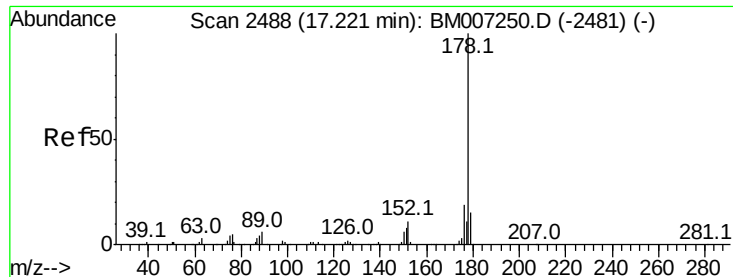
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#68
 Pentachlorophenol
 Concen: 1.76 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	22051		
264	68.6		50.6	75.8
268	67.4		51.0	76.6





#69

Phenanthrene

Concen: 2.45 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

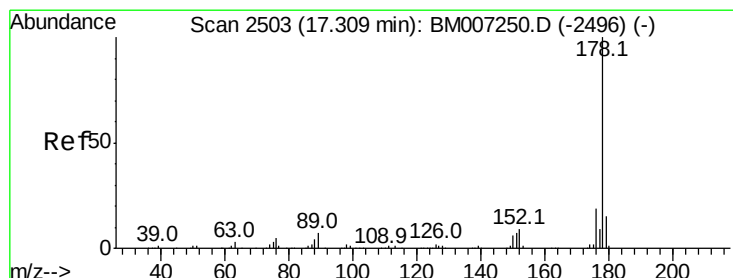
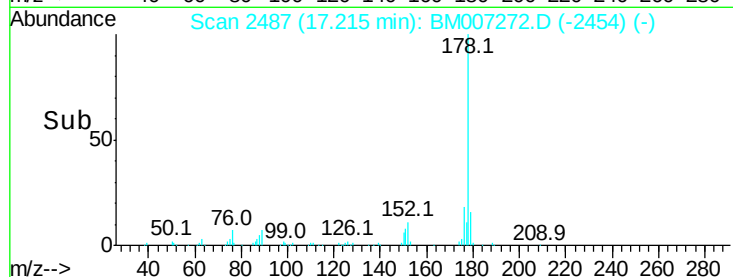
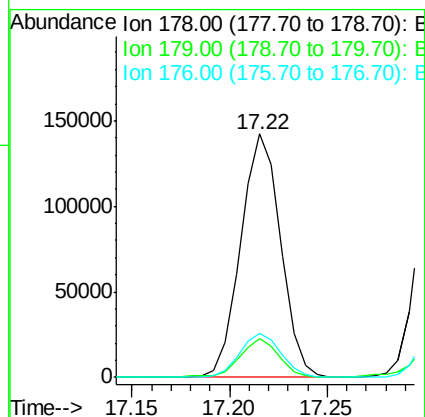
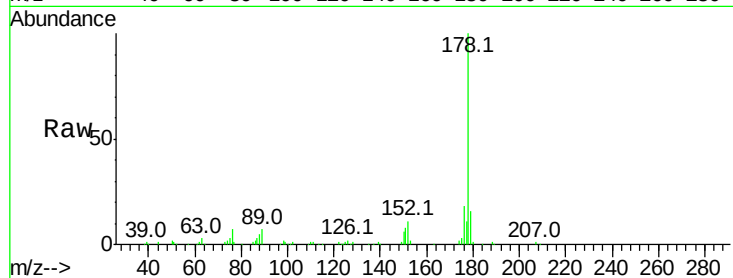
ClientSampleId :

MDL-02-W

Tot Ion:178	Resp:	201373
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.2 18.2
176	18.2	15.1 22.7

Manual Integrations
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#71

Anthracene

Concen: 2.43 ng/ul

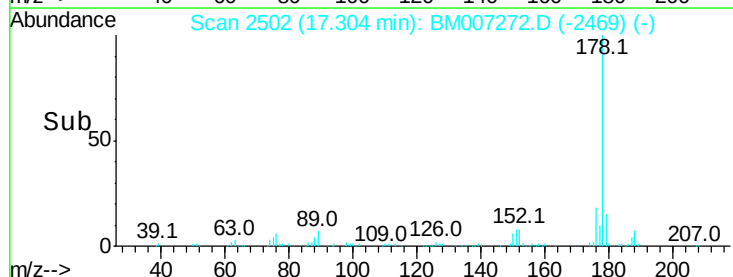
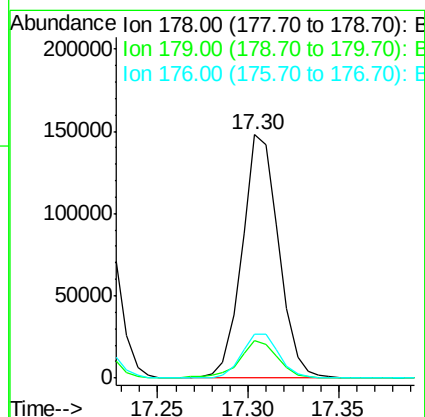
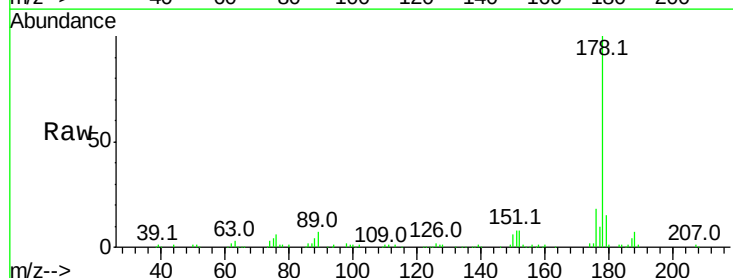
RT: 17.30 min Scan# 2502

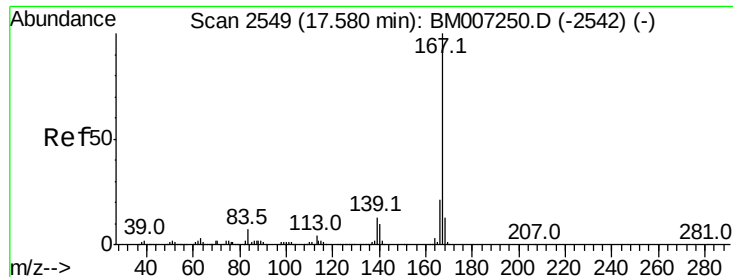
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:178	Resp:	206213
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.1 18.1
176	17.8	14.5 21.7





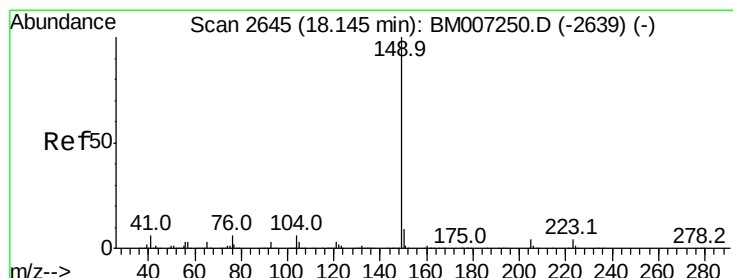
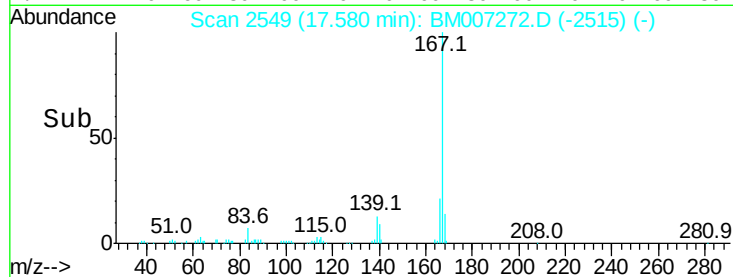
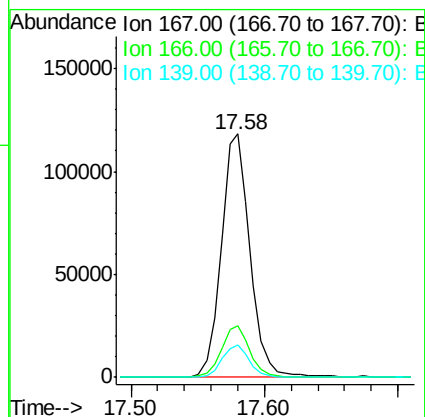
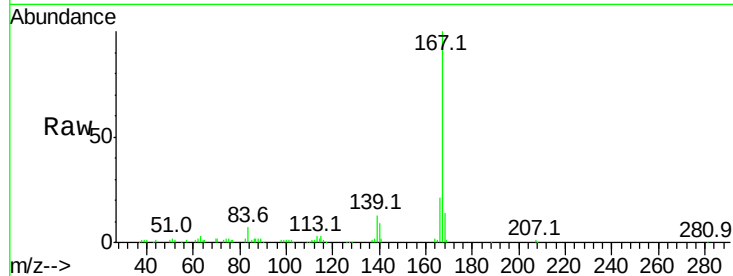
#72
 Carbazole
 Concen: 2.42 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tot Ion	Ratio	Resp	Lower	Upper
167	100	178225		
166	21.2		16.6	25.0
139	13.2		10.2	15.4

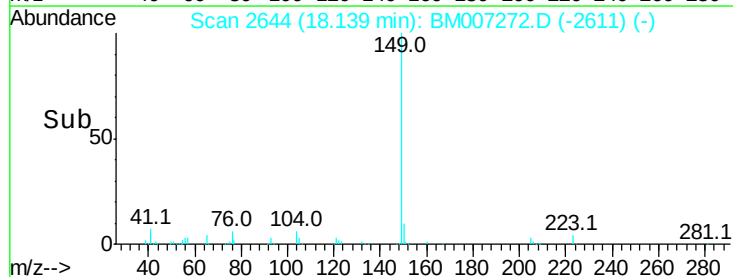
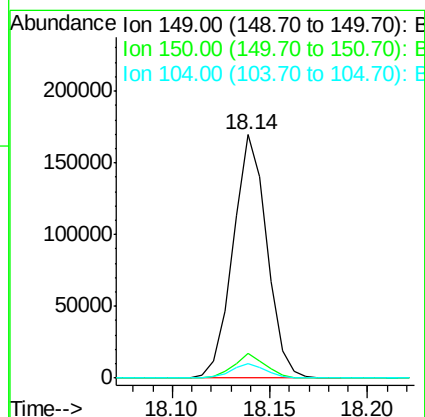
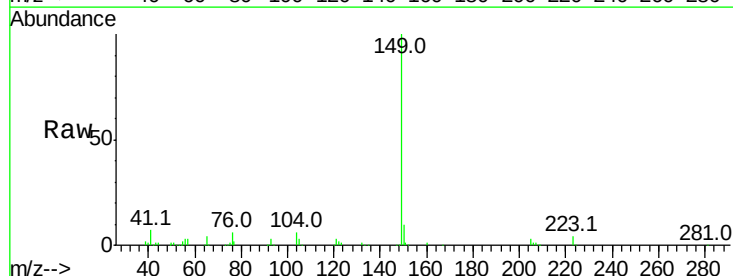
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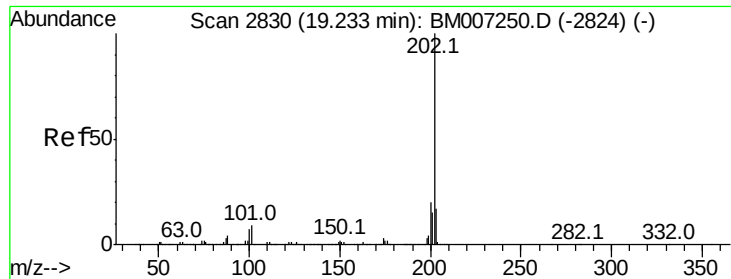
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#73
 Di-n-butylphthalate
 Concen: 2.20 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	203922		
150	10.0		7.6	11.4
104	6.0		4.6	7.0





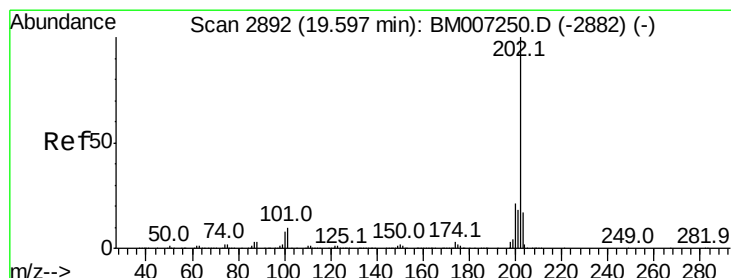
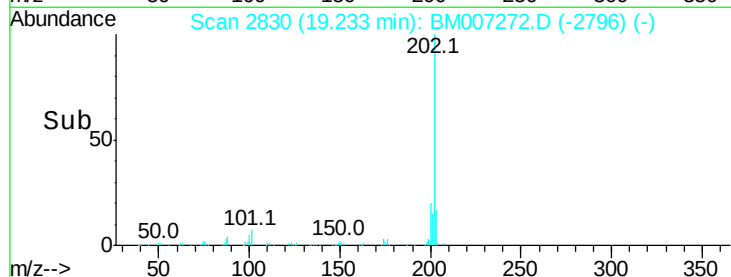
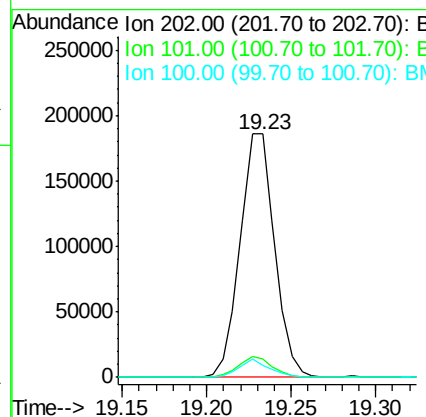
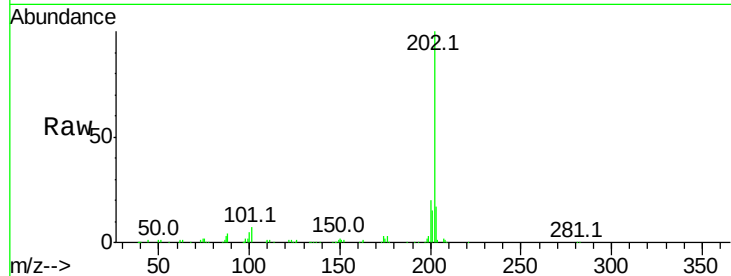
#74
 Fluoranthene
 Concen: 2.58 ng/ul
 RT: 19.23 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Instrument :
 BNA_M
 ClientSampleID :
 MDL-02-W

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.3	6.9	10.3
100	5.1	5.4	8.0

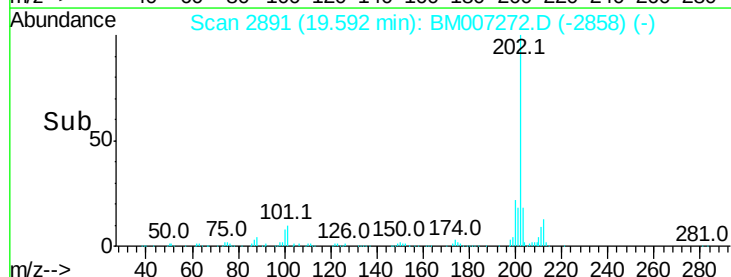
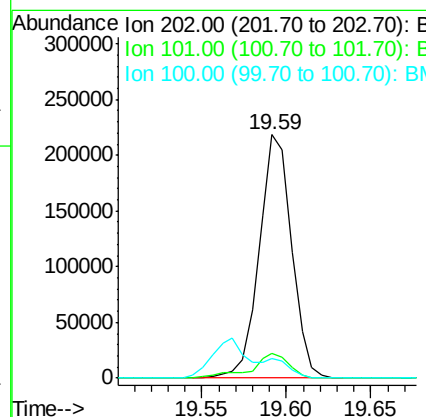
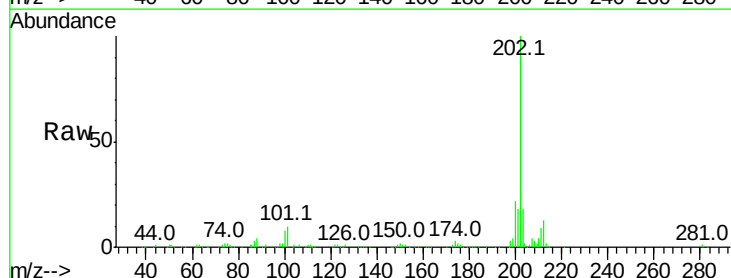
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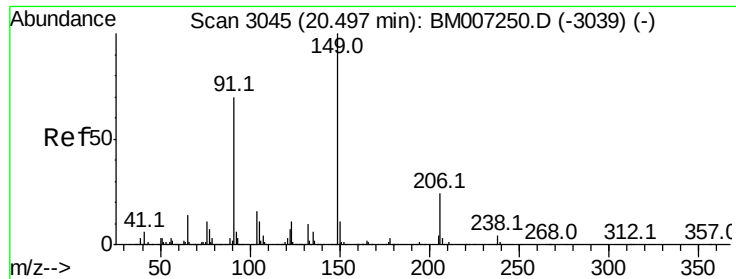
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#77
 Pyrene
 Concen: 2.34 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: BM007272.D
 Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	8.4	12.6
100	7.9	6.9	10.3





#78

Butylbenzylphthalate

Concen: 1.87 ng/ul

RT: 20.49 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

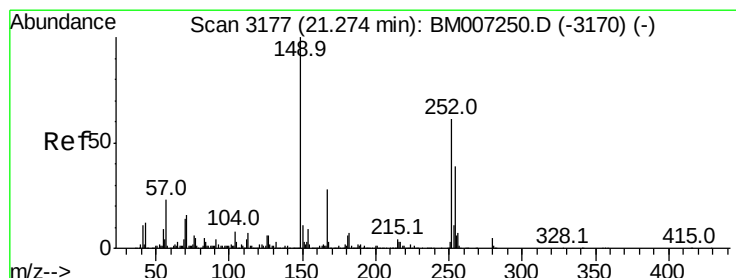
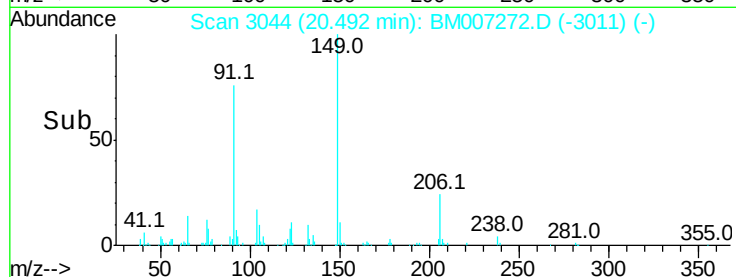
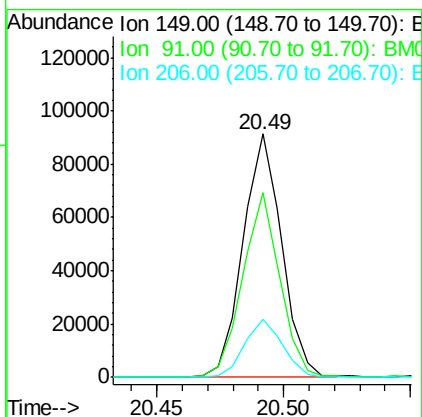
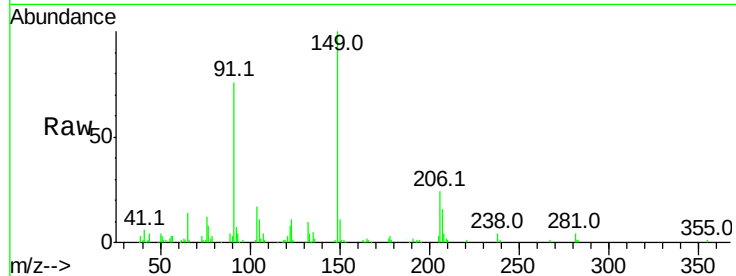
ClientSampleId :

MDL-02-W

Tot Ion:	149	Resp:	96888
Ion Ratio	Lower	Upper	
149	100		
91	75.8	57.3	85.9
206	24.0	18.6	27.8

Manual Integrations
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#79

3,3'-Dichlorobenzidine

Concen: 2.21 ng/ul

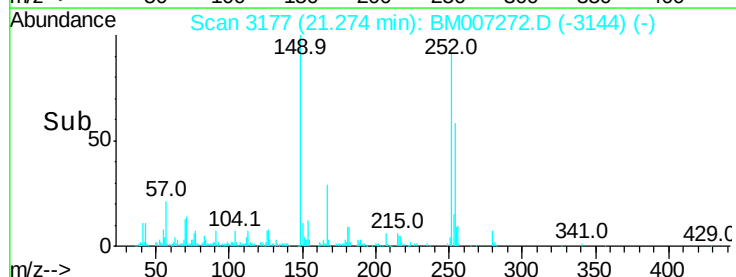
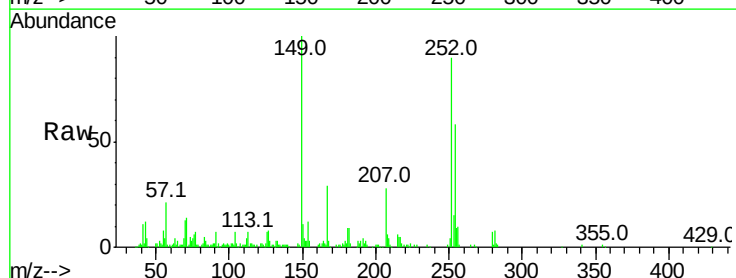
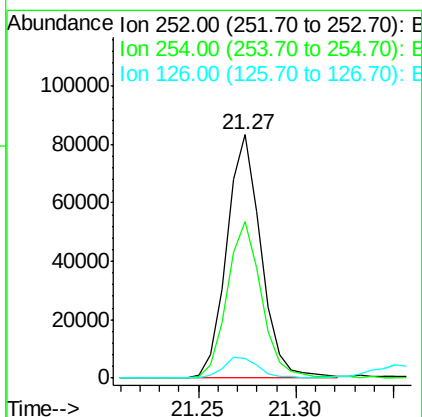
RT: 21.27 min Scan# 3177

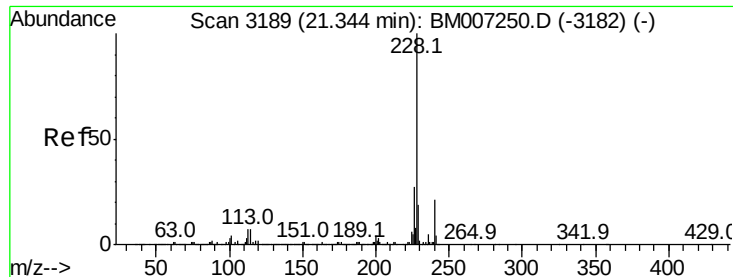
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	252	Resp:	101727
Ion Ratio	Lower	Upper	
252	100		
254	64.1	51.0	76.4
126	7.8	7.1	10.7





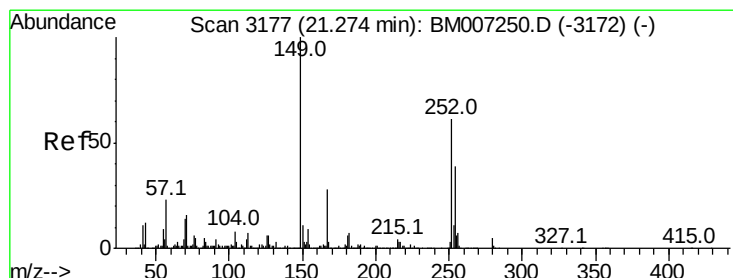
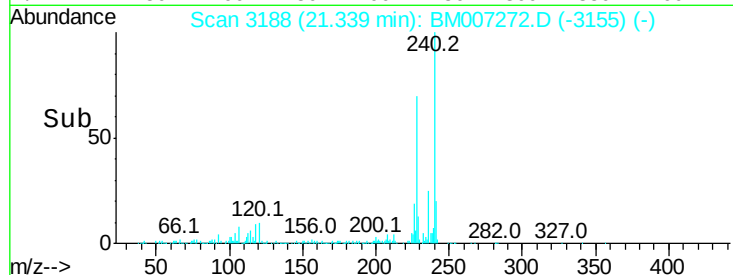
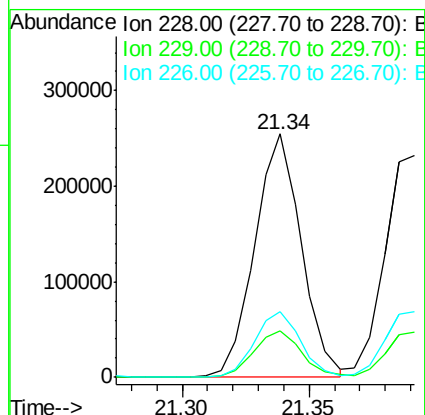
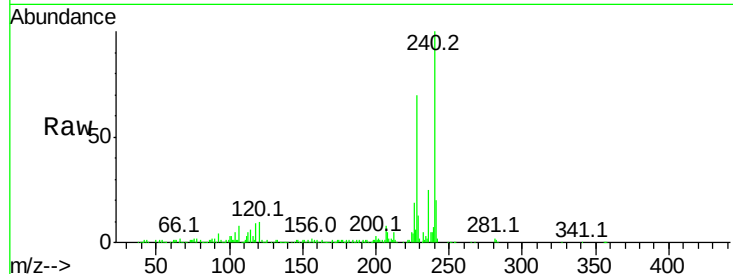
#80
Benzo(a)anthracene
Concen: 2.39 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.6	23.4
226	27.0	21.8	32.8

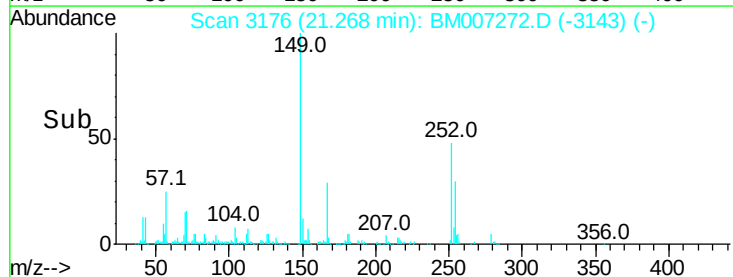
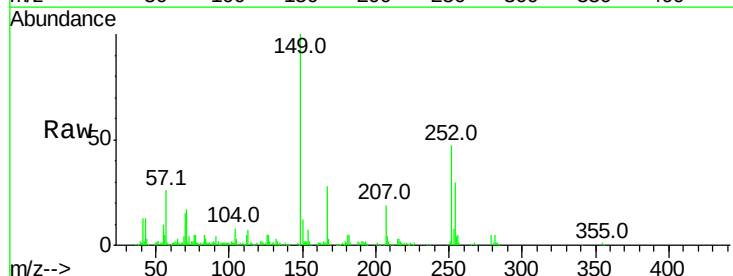
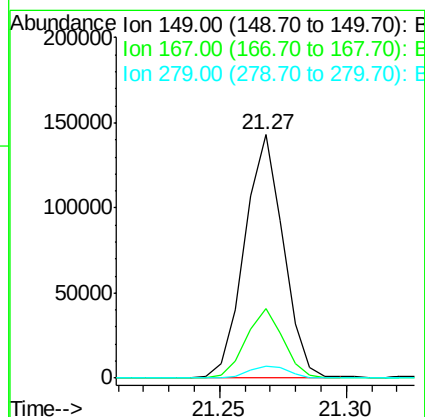
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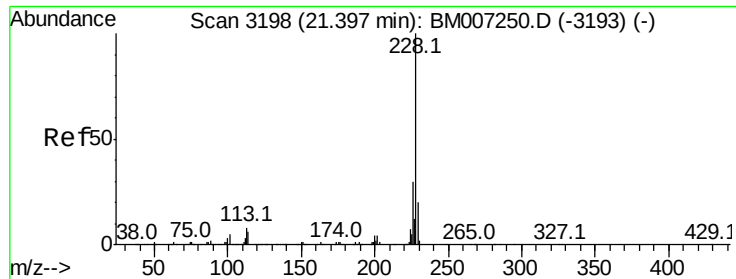
sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.02 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.2	34.8
279	5.1	4.1	6.1





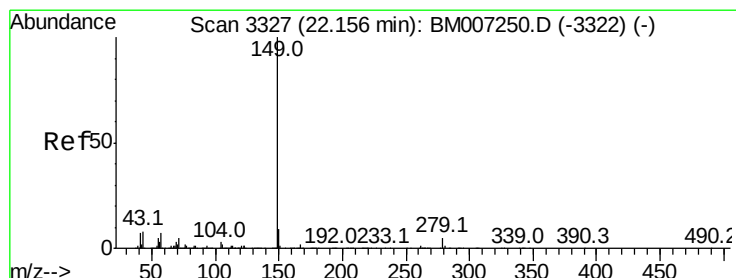
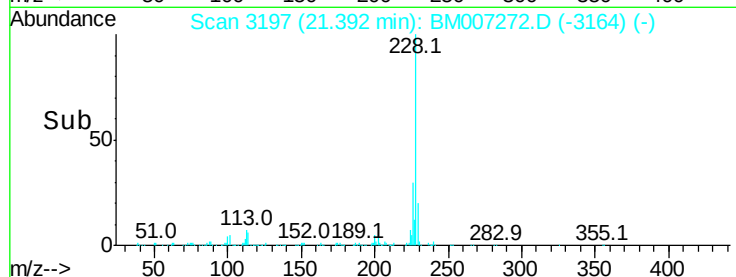
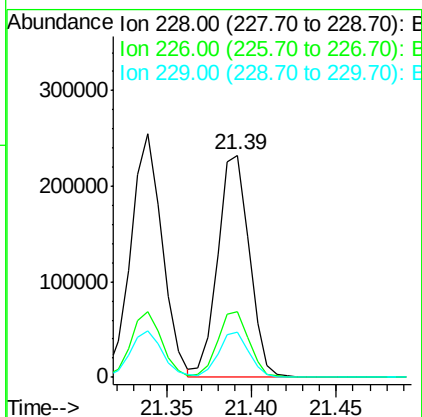
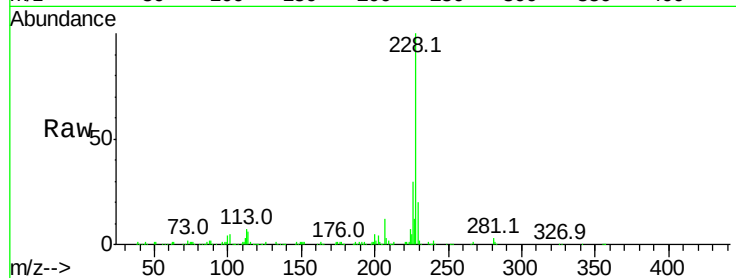
#82
Chrysene
Concen: 2.45 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampled :
MDL-02-W

Tot Ion:	228	Resp:	303426
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	20.1	15.5	23.3

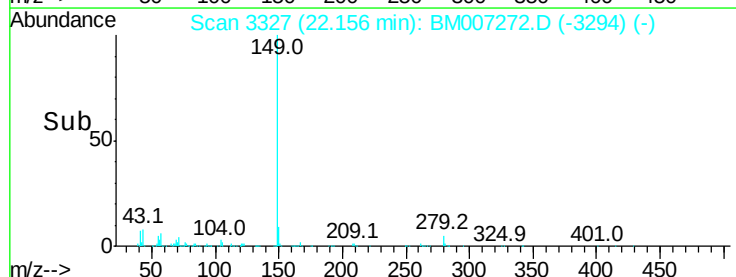
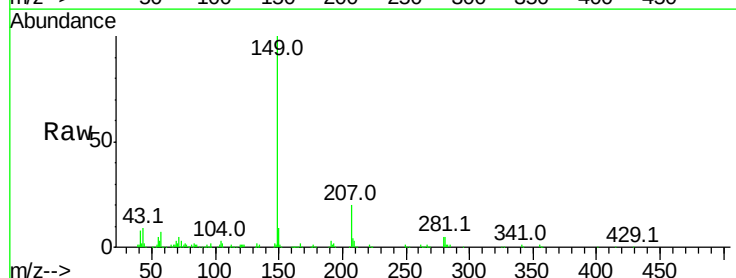
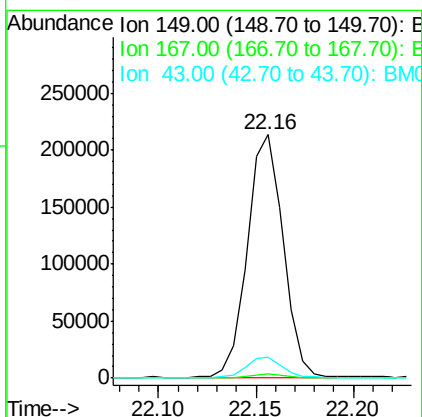
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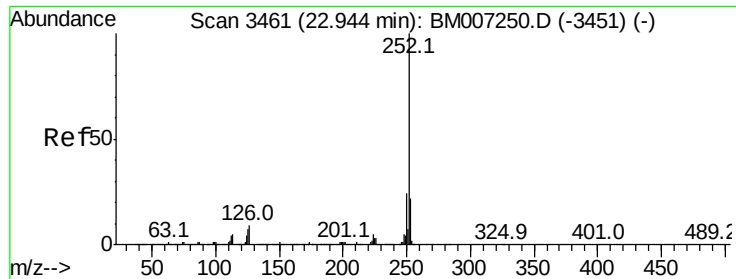
sohil
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#84
Di-n-octyl phthalate
Concen: 2.03 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion:	149	Resp:	269168
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.7	6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 2.31 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Instrument :

BNA_M

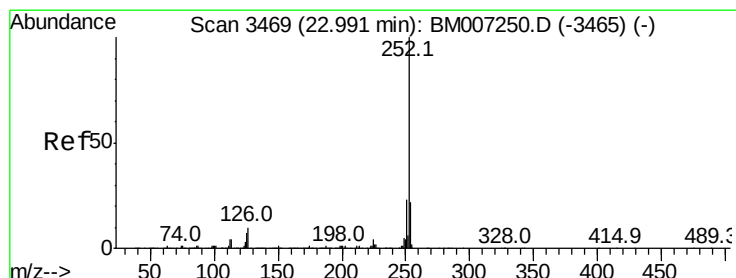
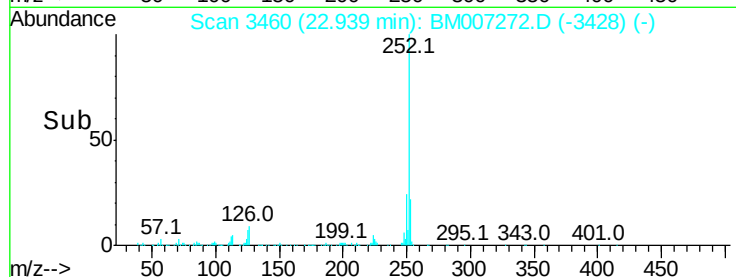
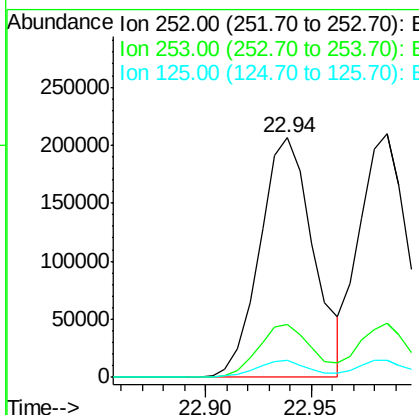
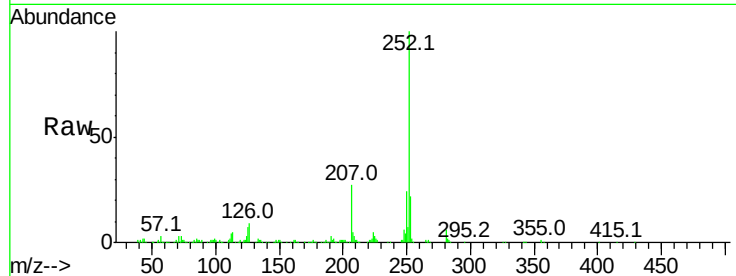
ClientSampled :

MDL-02-W

Tot Ion:	252	Resp:	364480
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	6.9	5.8	8.8

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.29 ng/ul

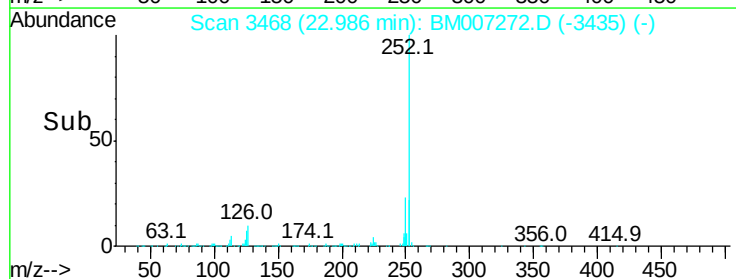
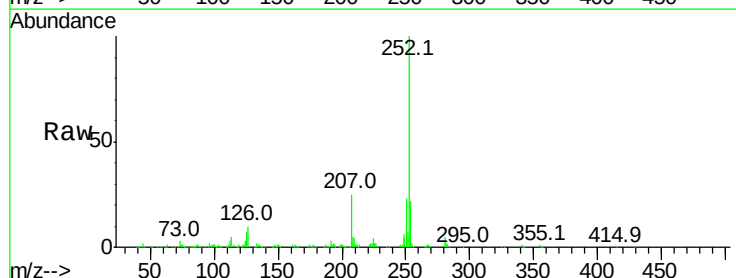
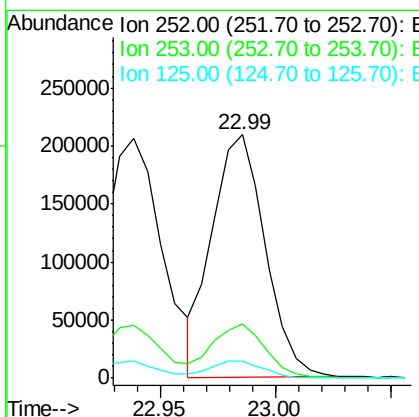
RT: 22.99 min Scan# 3468

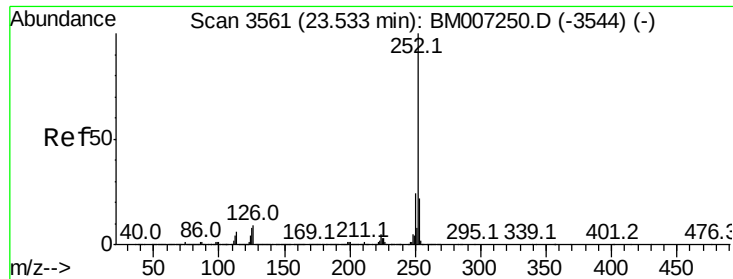
Delta R.T. -0.01 min

Lab File: BM007272.D

Acq: 24 Aug 2016 03:09

Tgt Ion:	252	Resp:	333243
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	7.2	5.7	8.5





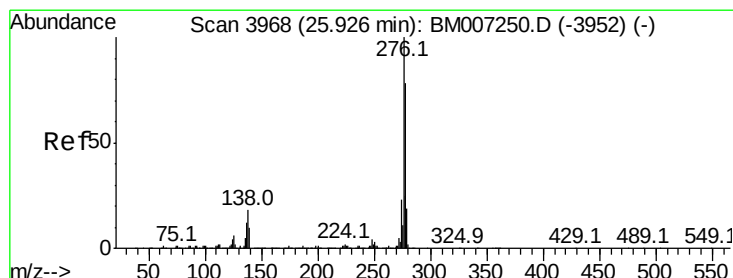
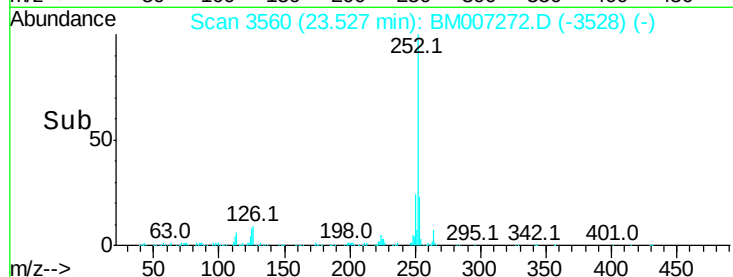
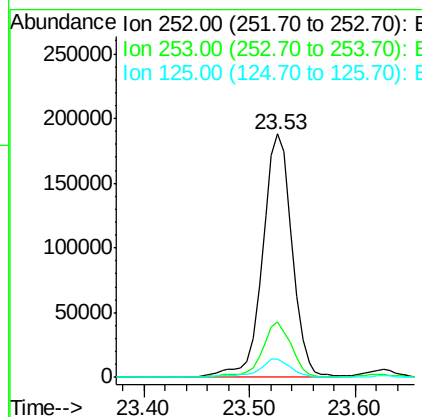
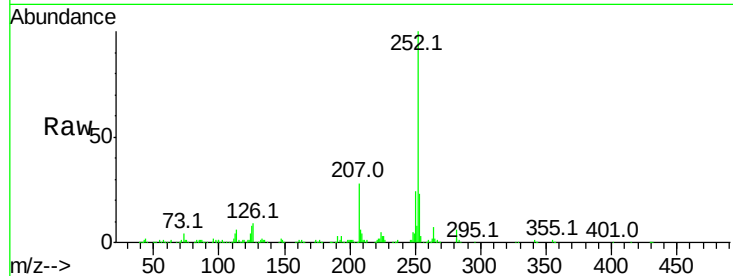
#88
Benzo(a)pyrene
Concen: 2.42 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampled :
MDL-02-W

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	7.7	6.6	9.8

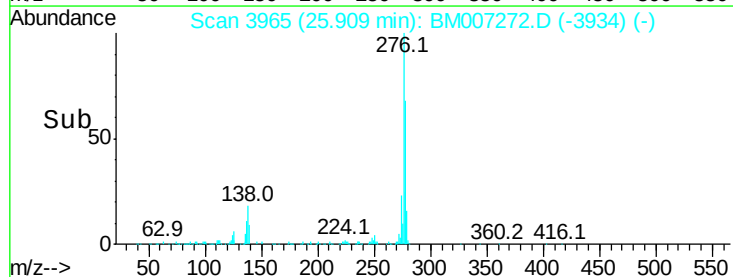
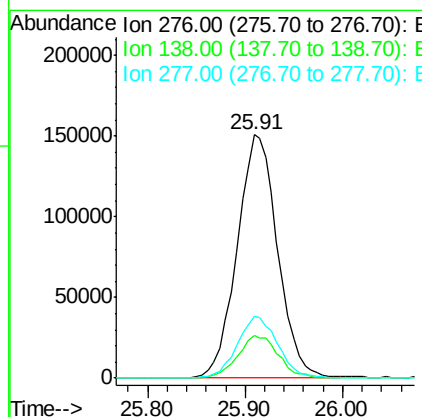
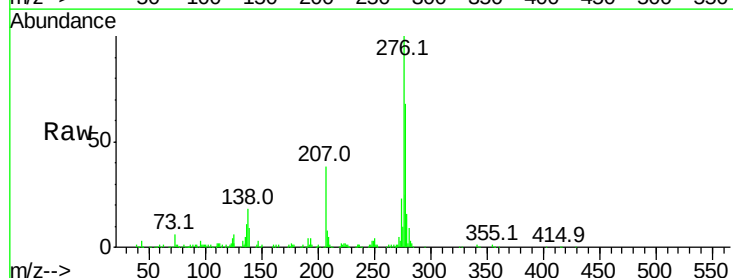
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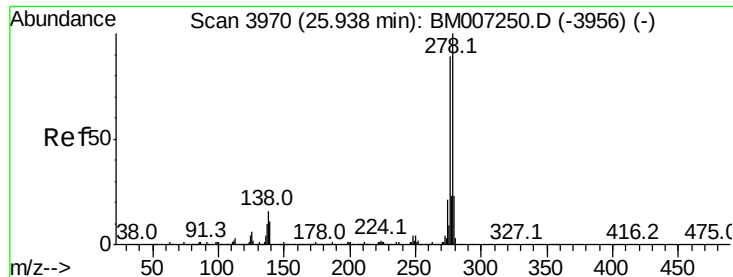
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.36 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. -0.02 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	25.4	20.1	30.1





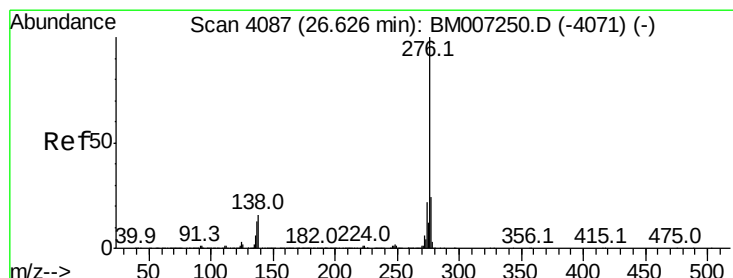
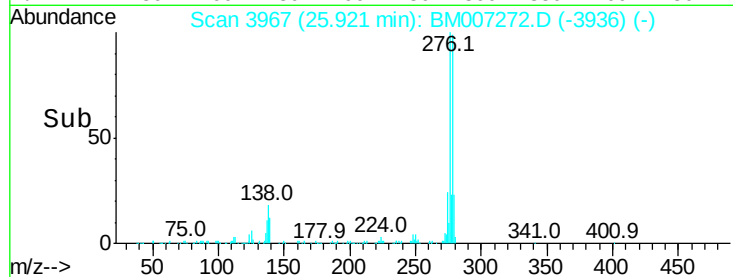
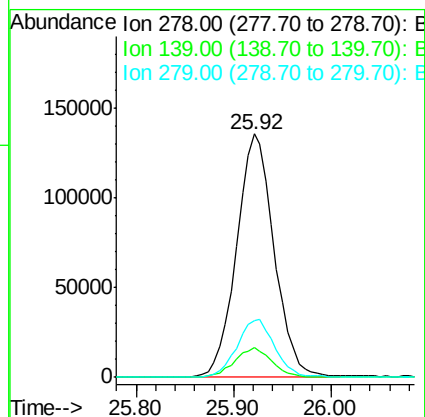
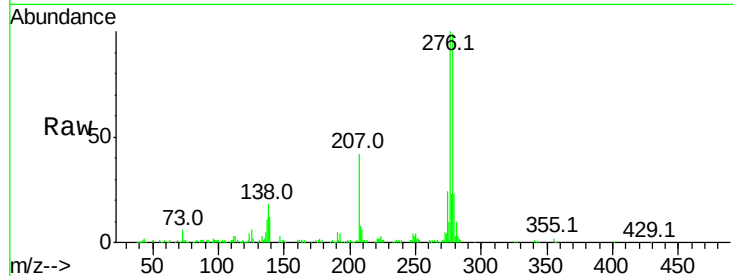
#90
Dibenzo(a,h)anthracene
Concen: 2.37 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Instrument :
BNA_M
ClientSampled :
MDL-02-W

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.5	14.3
279	23.5	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.32 ng/ul
RT: 26.61 min Scan# 4084
Delta R.T. -0.02 min
Lab File: BM007272.D
Acq: 24 Aug 2016 03:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.5	20.3
277	22.5	19.3	28.9

