

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007264.D
 Acq On : 23 Aug 2016 22:17
 Operator : UM/SJ
 Sample : MDL-02-S-ML
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Manual Integrations
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Quant Time: Aug 24 06:43:45 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	167551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	831794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	614999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1703692	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2515565	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2863556	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7380	2.25	ng/uL	0.00
5) Phenol-d5	6.97	99	308232	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185473	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	247389	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	275765	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	134933	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	154688	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	282971	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	410305	23.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1282477	24.17	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1388978	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	232982	23.26	ng/ul	0.00
57) Fluorene-d10	15.43	176	1066566	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	231918	21.65	ng/ul	0.00
70) Anthracene-d10	17.27	188	1904478	23.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	2487002	23.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3177236	24.09	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	1706m	0.47	ng/ul
4) Benzaldehyde	6.95	77	19711	2.19	ng/ul
6) Phenol	6.99	94	25347	1.54	ng/ul#
8) Bis(2-Chloroethyl)ether	7.23	93	21283	1.86	ng/ul
10) 2-Chlorophenol	7.37	128	19728	1.65	ng/ul
11) 2-Methylphenol	8.24	108	18519	1.44	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.33	45	22704	1.76	ng/ul
14) Acetophenone	8.62	105	36906	1.74	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	19153	1.70	ng/ul
16) 4-Methylphenol	8.56	108	22207	1.54	ng/ul
17) Hexachloroethane	8.87	117	7823	1.68	ng/ul
20) Nitrobenzene	9.00	77	28549	1.82	ng/ul
21) Isophorone	9.52	82	54490	1.71	ng/ul
23) 2-Nitrophenol	9.70	139	13614	1.76	ng/ul#
24) 2,4-Dimethylphenol	9.76	107	28238	1.65	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	30928	1.72	ng/ul
27) 2,4-Dichlorophenol	10.23	162	23147	1.64	ng/ul
28) Naphthalene	10.64	128	72247	1.75	ng/ul
30) 4-Chloroaniline	10.75	127	34046	1.87	ng/ul
31) Hexachlorobutadiene	10.92	225	16805	1.76	ng/ul
32) Caprolactam	11.53	113	9988m	1.76	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	27617	1.58	ng/ul
34) 2-Methylnaphthalene	12.25	142	59679	1.76	ng/ul

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 ClientSampled :
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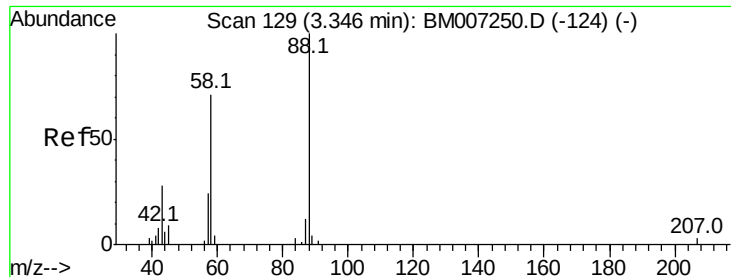
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Quant Time: Aug 24 06:43:45 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	36233	1.77	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	16158	1.31	ng/ul	93
38) 2,4,6-Trichlorophenol	12.86	196	22670	1.57	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	22085	1.46	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	83824	1.76	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	64918	1.74	ng/ul	95
42) 2-Nitroaniline	13.51	65	18891	1.55	ng/ul	91
44) Dimethylphthalate	13.89	163	103172	1.95	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	17310	1.60	ng/ul	98
47) Acenaphthylene	14.16	152	114039	1.80	ng/ul	97
48) 3-Nitroaniline	14.34	138	17110	1.55	ng/ul	99
49) Acenaphthene	14.50	153	74837	1.82	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	7404	1.01	ng/ul	89
52) 4-Nitrophenol	14.64	109	20927	1.96	ng/ul	83
53) Dibenzofuran	14.83	168	115089	1.87	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	28472	1.72	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.06	232	26806	1.73	ng/ul#	96
56) Diethylphthalate	15.26	149	107399	1.95	ng/ul	95
58) Fluorene	15.48	166	98069	1.93	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.47	204	49828	1.88	ng/ul	91
60) 4-Nitroaniline	15.50	138	23592	1.89	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	20905	1.83	ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	88029	1.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	34856	1.81	ng/ul	95
66) Hexachlorobenzene	16.48	284	41567	1.93	ng/ul	96
67) Atrazine	16.64	200	36198	1.80	ng/ul	97
68) Pentachlorophenol	16.83	266	19067	1.37	ng/ul	95
69) Phenanthrene	17.22	178	177501	1.94	ng/ul	99
71) Anthracene	17.31	178	184942	1.96	ng/ul	98
72) Carbazole	17.58	167	159587	1.94	ng/ul	100
73) Di-n-butylphthalate	18.14	149	186798	1.81	ng/ul	98
74) Fluoranthene	19.23	202	240222	2.09	ng/ul	99
77) Pyrene	19.59	202	265607	1.97	ng/ul	98
78) Butylbenzylphthalate	20.49	149	88663	1.58	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	95236	1.91	ng/ul	96
80) Benzo(a)anthracene	21.34	228	296002	2.00	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	137368	1.69	ng/ul	99
82) Chrysene	21.39	228	272146	2.03	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	249459	1.75	ng/ul#	100
85) Benzo(b)fluoranthene	22.94	252	325108	1.92	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	320647	2.05	ng/ul	98
88) Benzo(a)pyrene	23.53	252	333158	2.06	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	391259	1.97	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	332119	2.01	ng/ul	100
91) Benzo(g,h,i)perylene	26.61	276	329233	1.95	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.47 ng/uL m

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

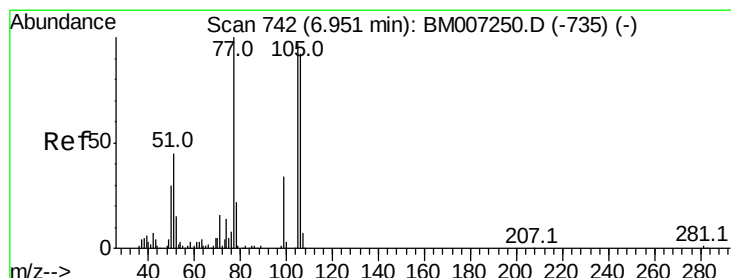
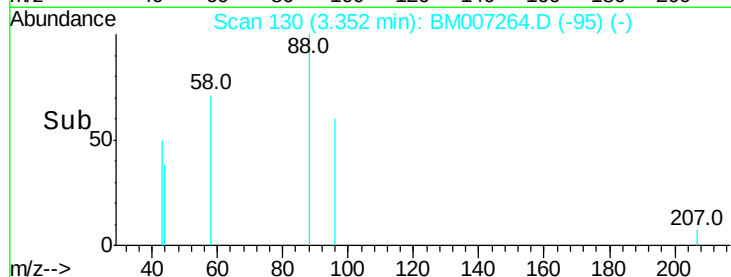
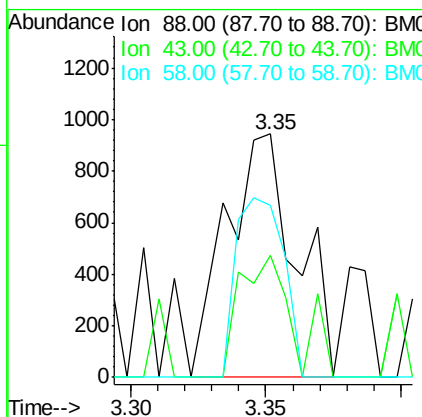
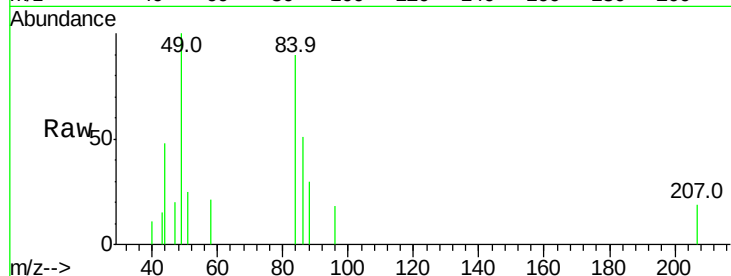
ClientSampleId :

MDL-02-S-ML

Tot Ion:	88	Resp:	1706
Ion Ratio	Lower	Upper	
88	100		
43	32.2	22.6	34.0
58	50.5	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.19 ng/uL

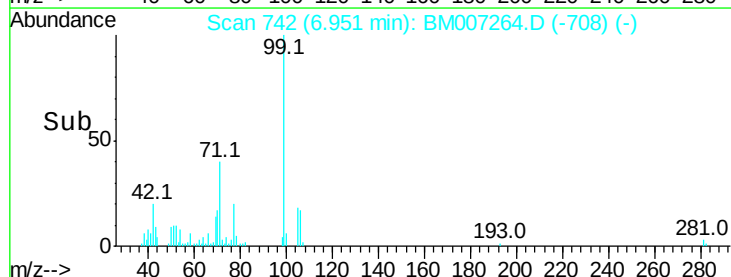
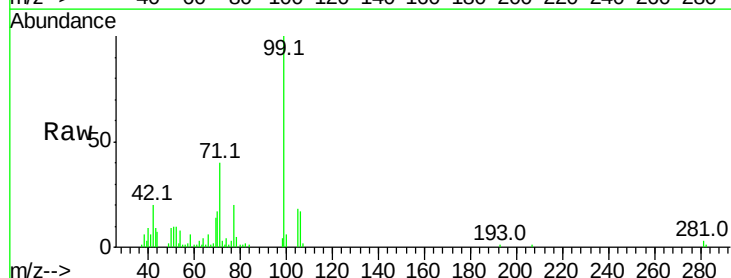
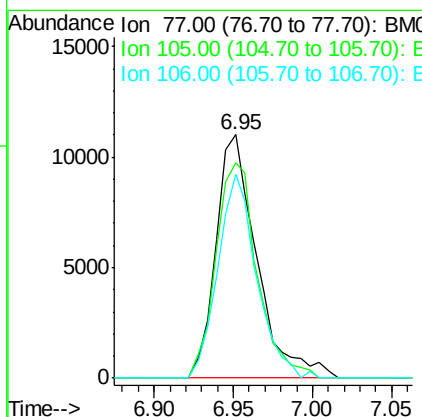
RT: 6.95 min Scan# 742

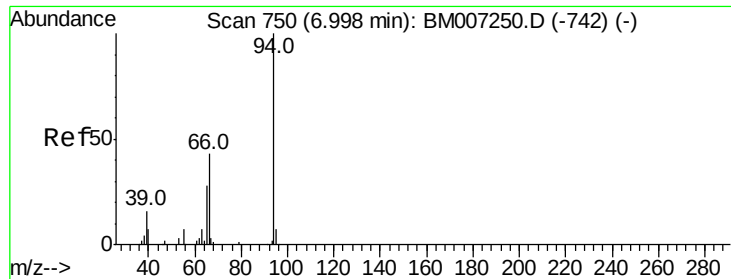
Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	77	Resp:	19711
Ion Ratio	Lower	Upper	
77	100		
105	88.5	76.9	115.3
106	83.6	71.8	107.8





#6

Phenol

Concen: 1.54 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

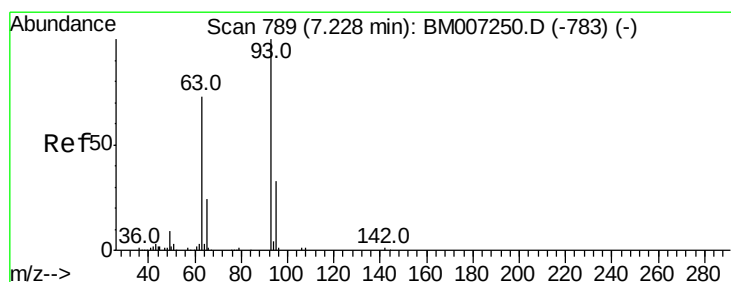
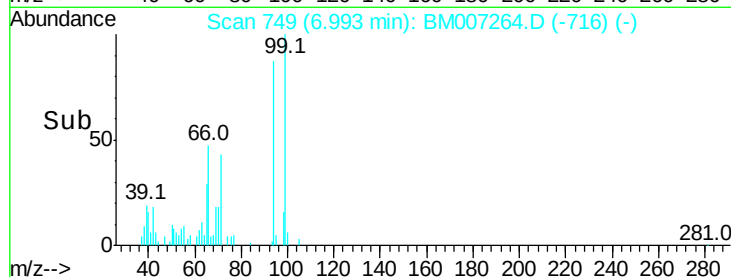
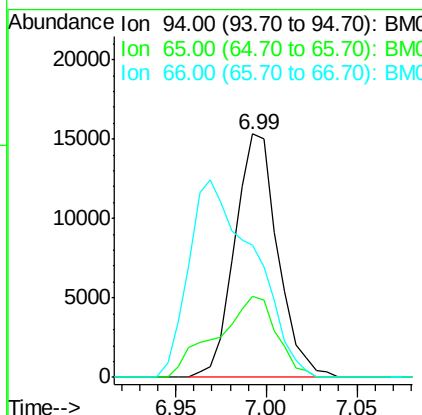
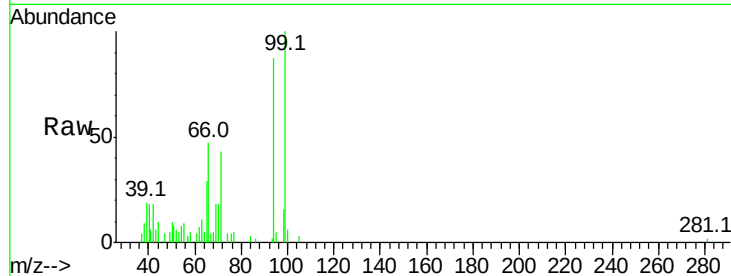
ClientSampleId :

MDL-02-S-ML

Tot Ion:	94	Resp:	25347
Ion Ratio	Lower	Upper	
94	100		
65	33.0	23.9	35.9
66	54.2	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 1.86 ng/ul

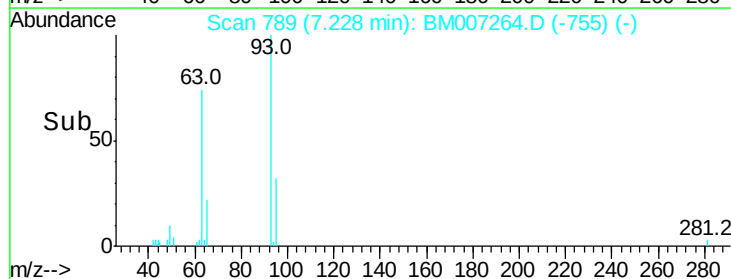
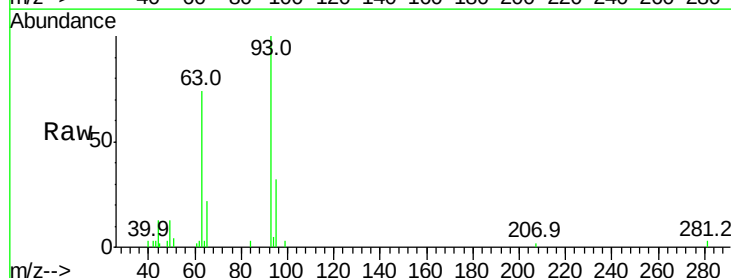
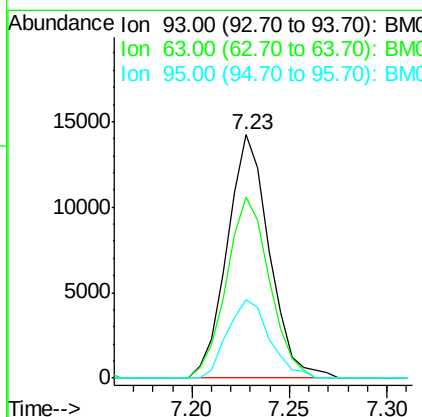
RT: 7.23 min Scan# 789

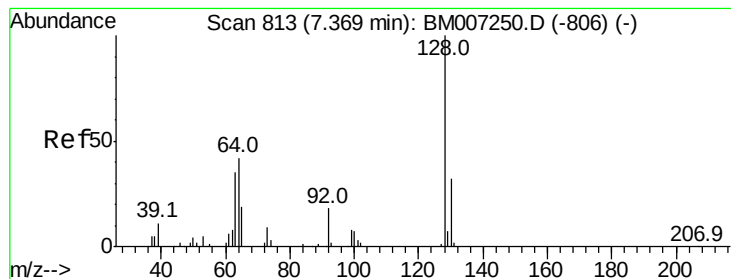
Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	93	Resp:	21283
Ion Ratio	Lower	Upper	
93	100		
63	74.3	57.3	85.9
95	32.4	25.1	37.7





#10

2-Chlorophenol

Concen: 1.65 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

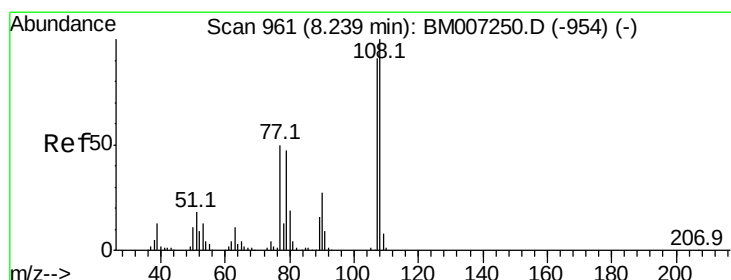
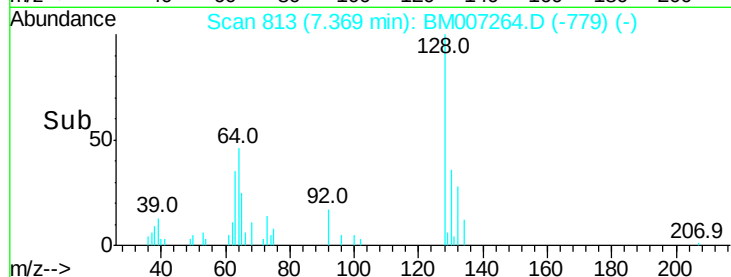
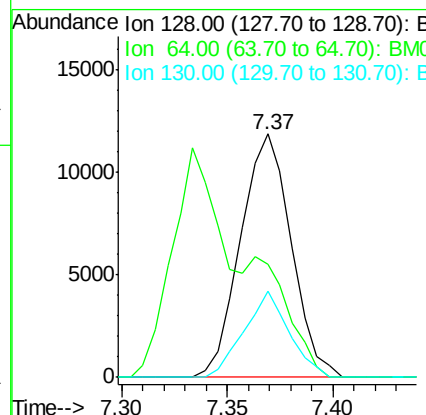
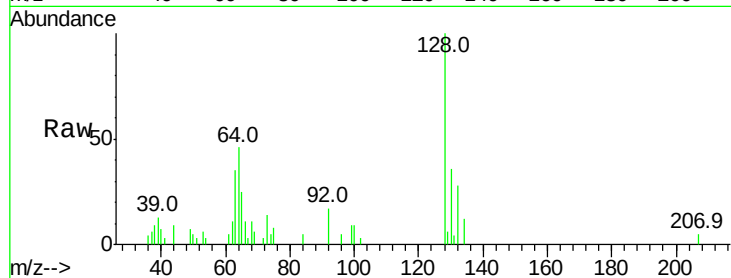
ClientSampleId :

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Tot Ion:	128	Resp:	19728
Ion Ratio	Lower	Upper	
128	100		
64	46.4	37.5	56.3
130	35.6	25.0	37.4

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#11

2-Methylphenol

Concen: 1.44 ng/ul

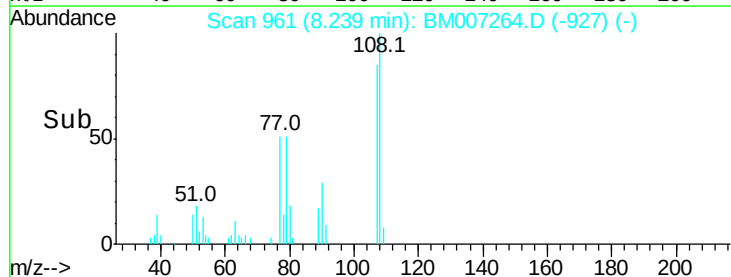
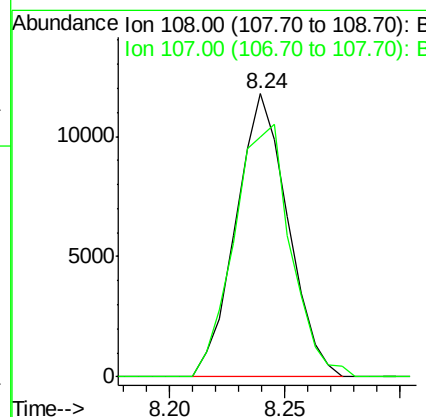
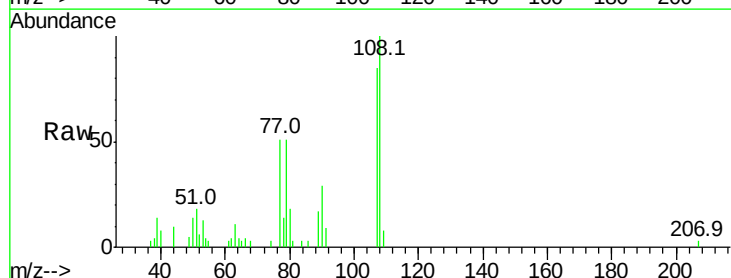
RT: 8.24 min Scan# 961

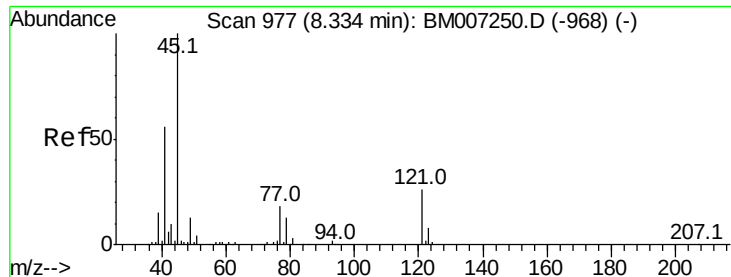
Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	108	Resp:	18519
Ion Ratio	Lower	Upper	
108	100		
107	84.6	71.8	107.6





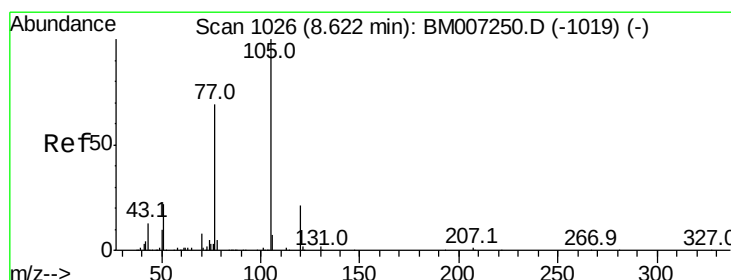
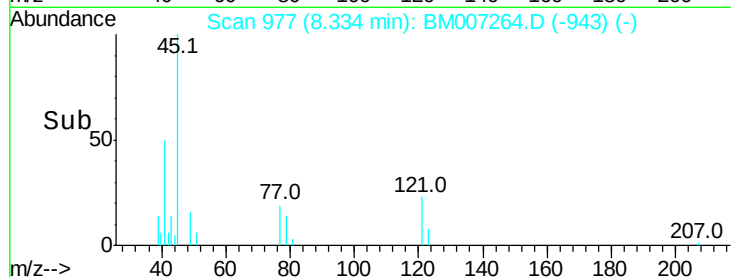
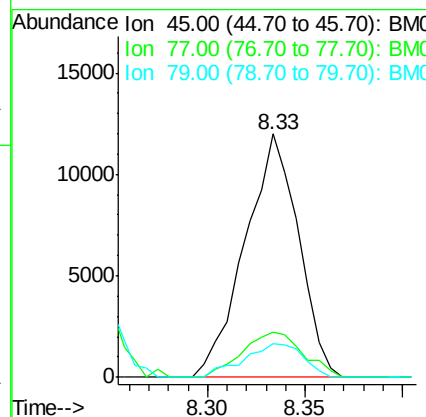
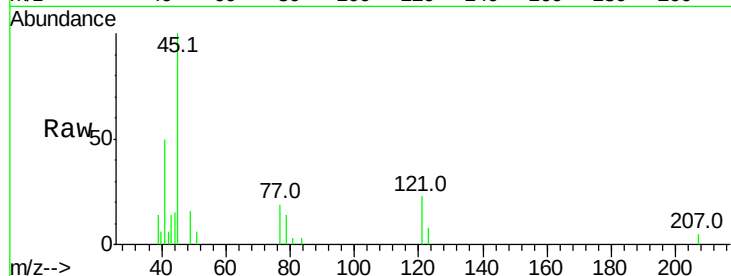
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 1.76 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

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MDL-02-S-ML

Tot Ion	Ratio	Lower	Upper
45	100		
77	18.8	14.1	21.1
79	14.1	10.4	15.6

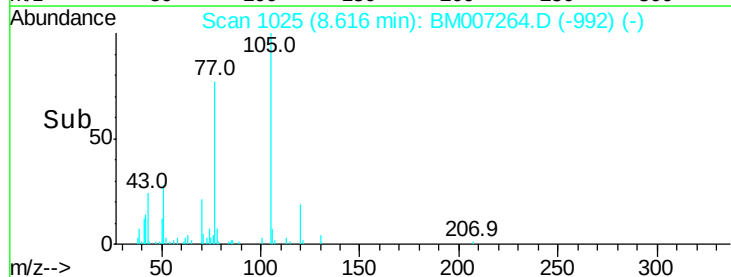
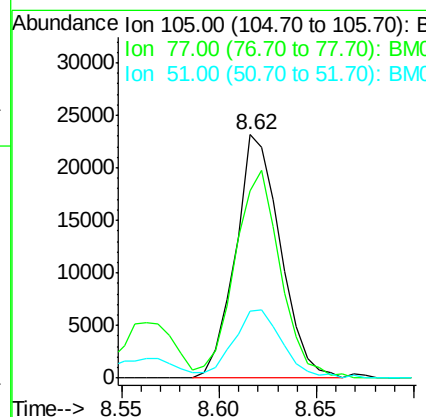
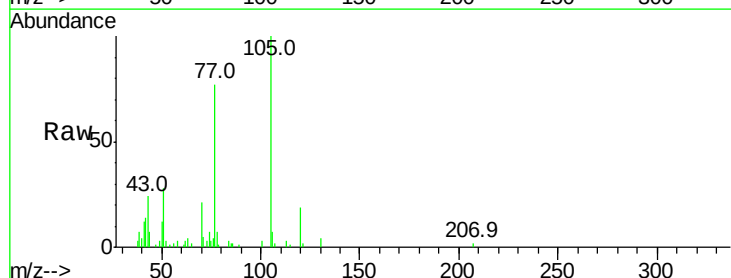
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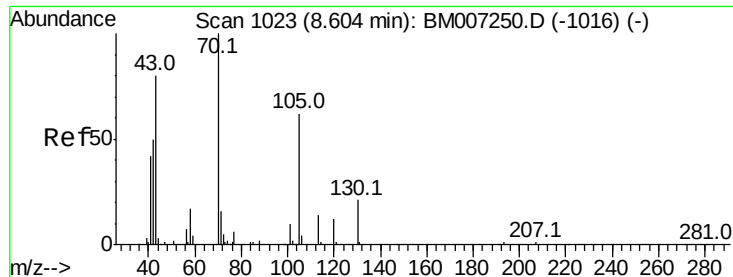
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#14
Acetophenone
Concen: 1.74 ng/ul
RT: 8.62 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.9	65.9	98.9
51	27.7	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 1.70 ng/ul

RT: 8.60 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

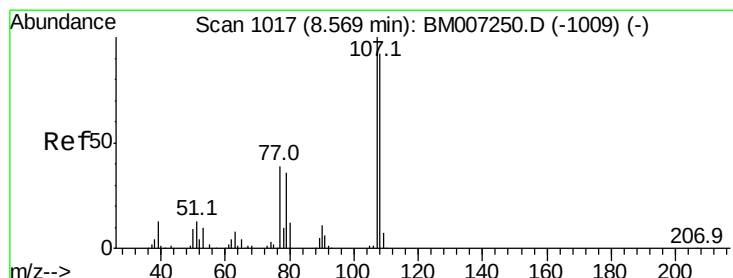
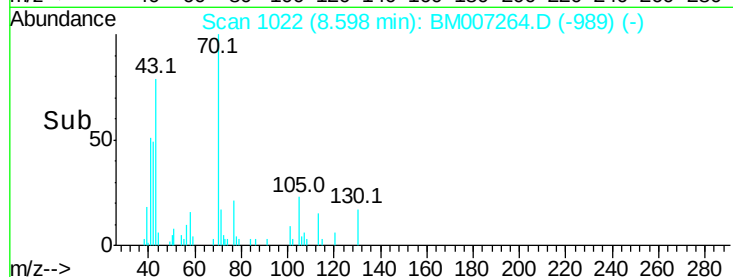
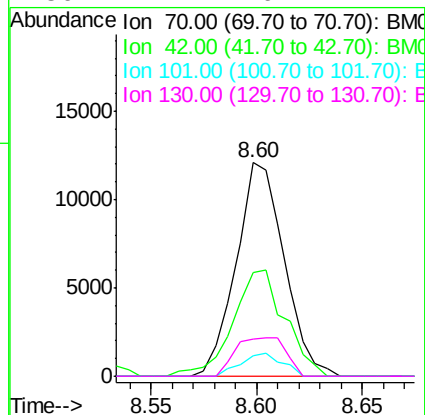
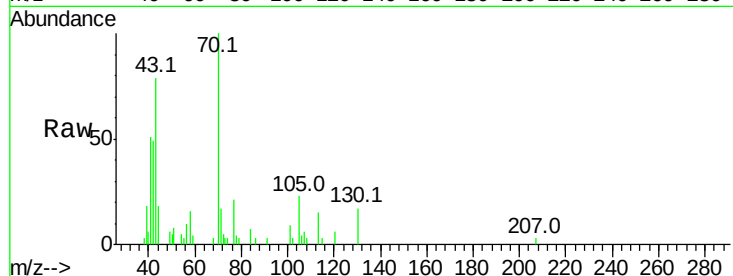
ClientSampleId :

MDL-02-S-ML

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.7	43.4	65.2	
101	9.4	7.8	11.6	
130	17.1	16.2	24.4	

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#16

4-Methylphenol

Concen: 1.54 ng/ul

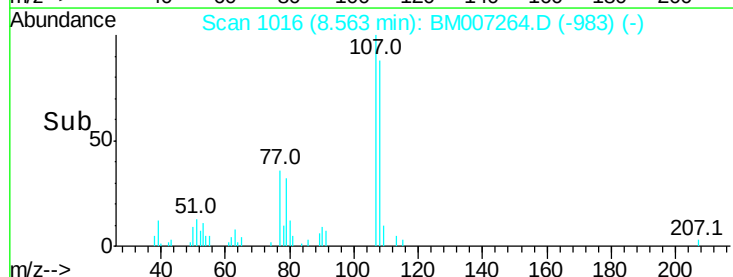
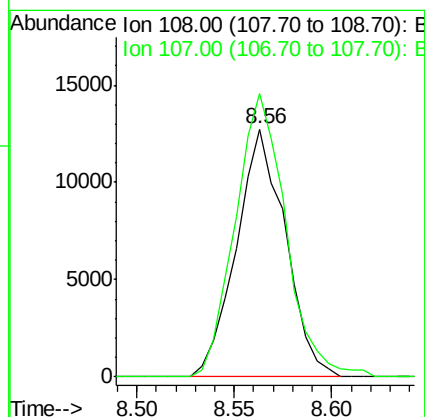
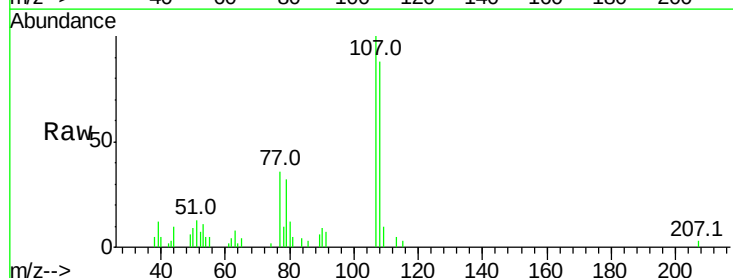
RT: 8.56 min Scan# 1016

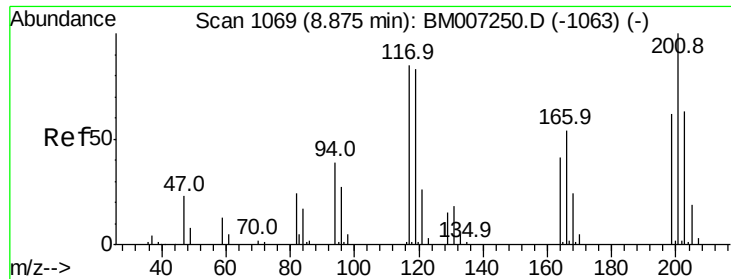
Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	114.1	87.8	131.8	





#17

Hexachloroethane

Concen: 1.68 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

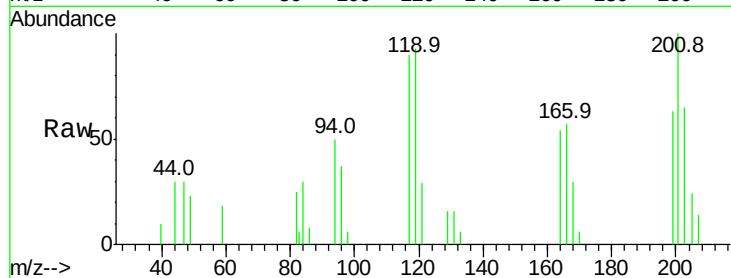
ClientSampled :

MDL-02-S-ML

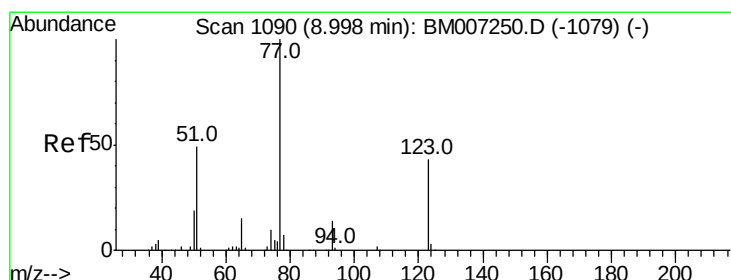
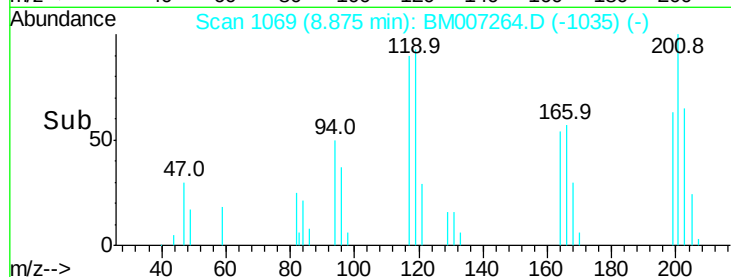
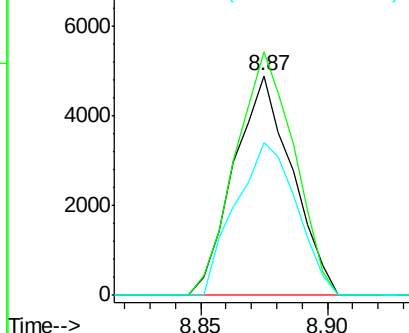
Tot Ion:	117	Resp:	7823
Ion Ratio	Lower	Upper	
117	100		
201	110.9	90.3	135.5
199	69.5	58.5	87.7

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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: 1.82 ng/ul

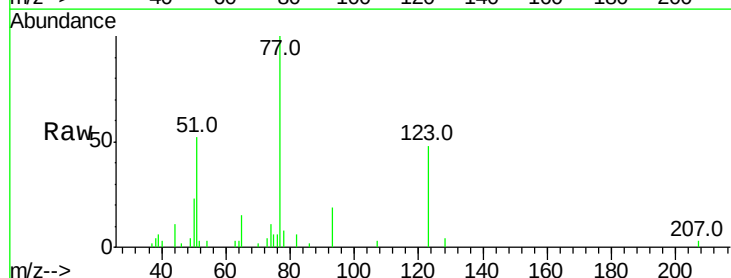
RT: 9.00 min Scan# 1090

Delta R.T. 0.00 min

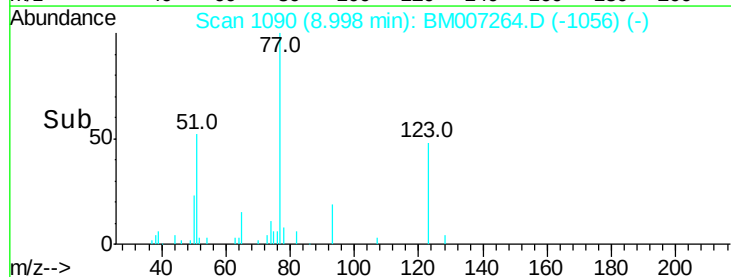
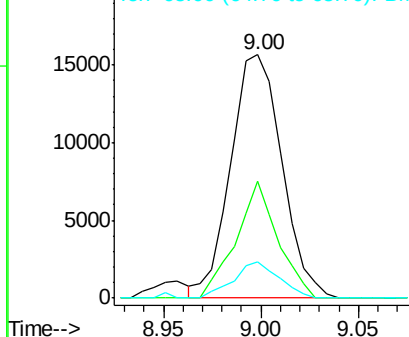
Lab File: BM007264.D

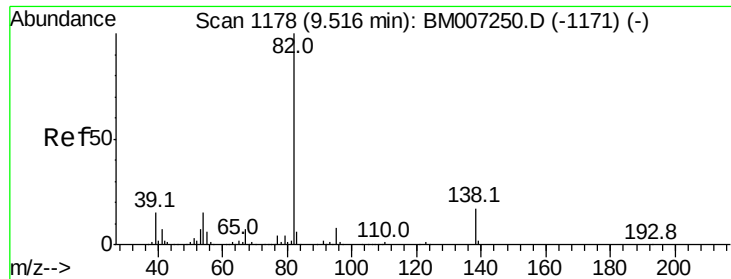
Acq: 23 Aug 2016 22:17

Tgt Ion:	77	Resp:	28549
Ion Ratio	Lower	Upper	
77	100		
123	47.8	34.2	51.4
65	15.1	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





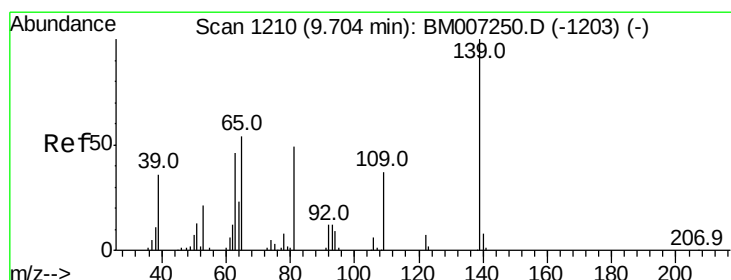
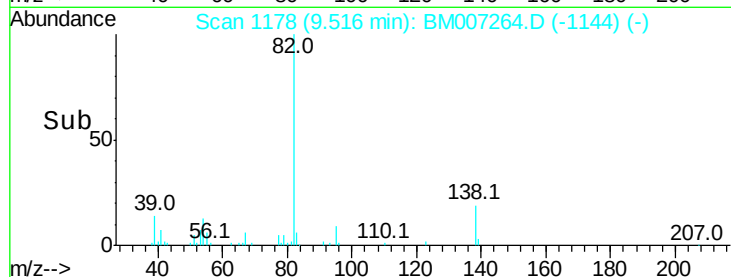
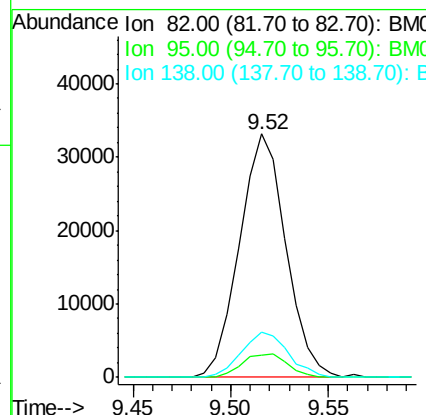
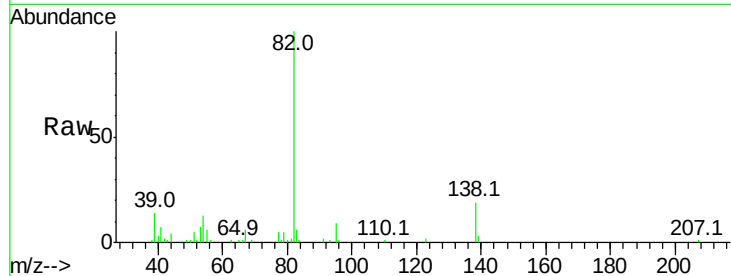
#21
Isophorone
Concen: 1.71 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	6.9	10.3	
138	18.6	13.8	20.8	

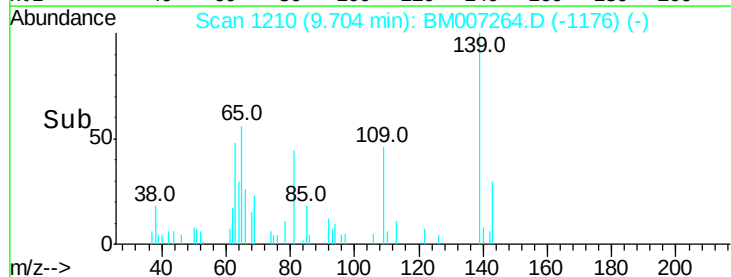
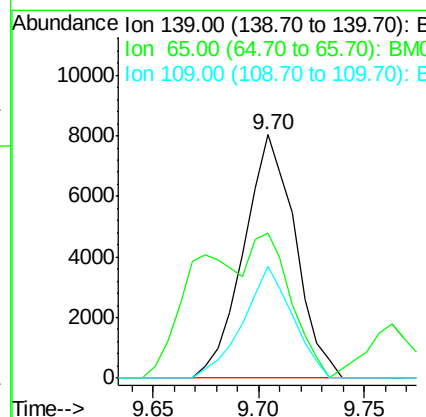
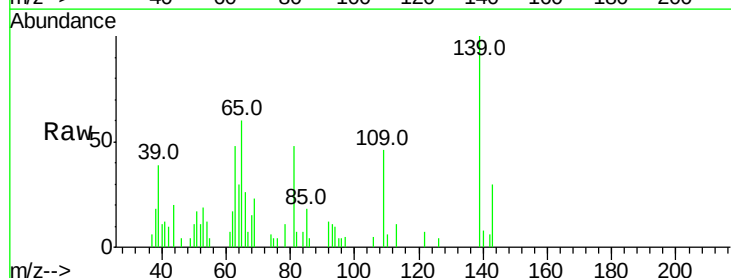
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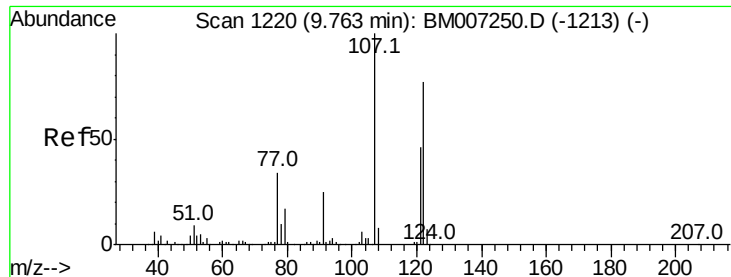
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#23
2-Nitrophenol
Concen: 1.76 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
65	59.6	44.2	66.4	
109	45.7	28.2	42.4	





#24

2,4-Dimethylphenol

Concen: 1.65 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

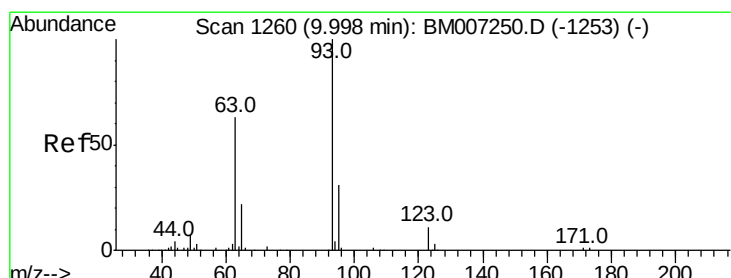
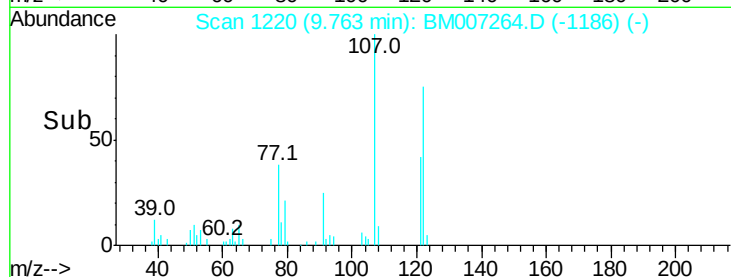
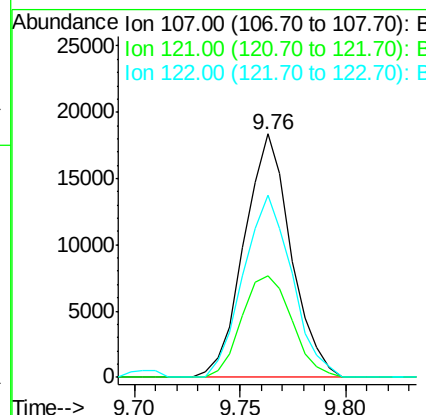
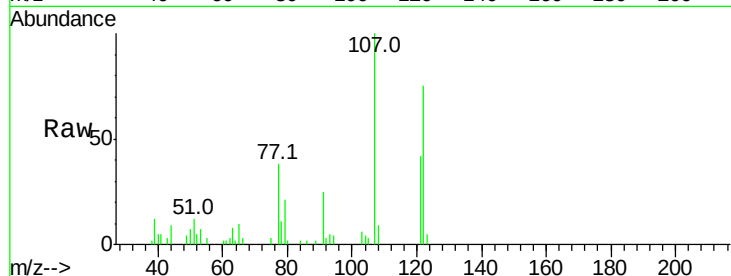
ClientSampled :

MDL-02-S-ML

Tot Ion:	107	Resp:	28238
Ion Ratio	Lower	Upper	
107	100		
121	41.7	37.1	55.7
122	74.9	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 1.72 ng/ul

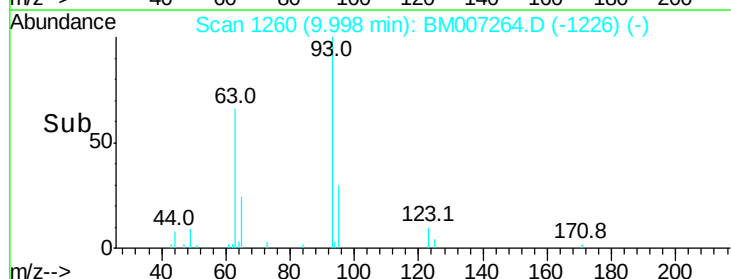
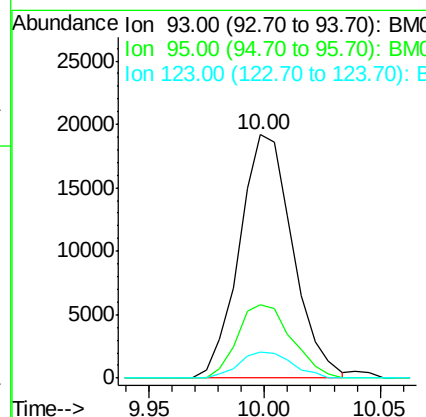
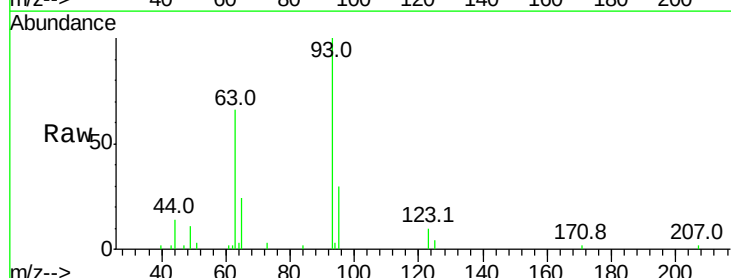
RT: 10.00 min Scan# 1260

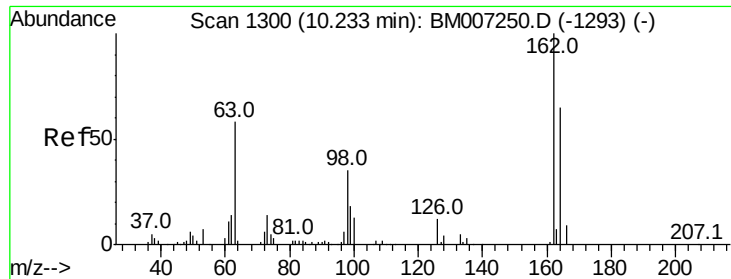
Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	93	Resp:	30928
Ion Ratio	Lower	Upper	
93	100		
95	30.4	25.4	38.0
123	10.5	8.3	12.5





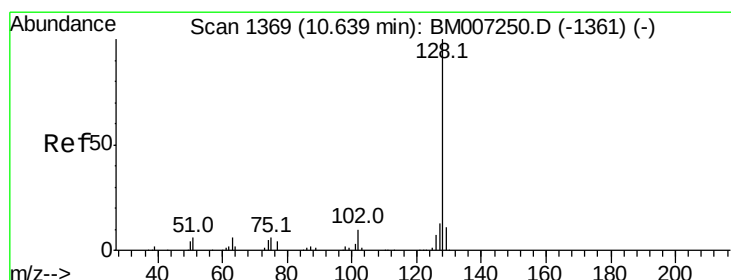
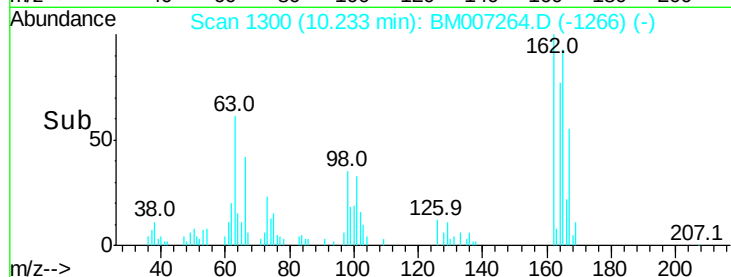
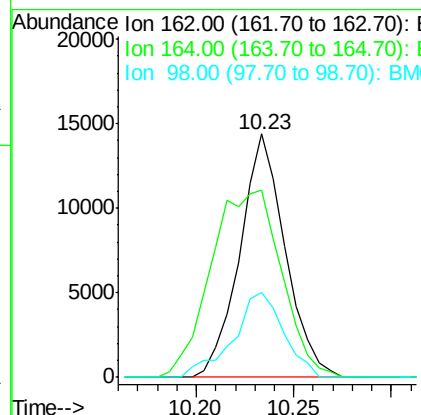
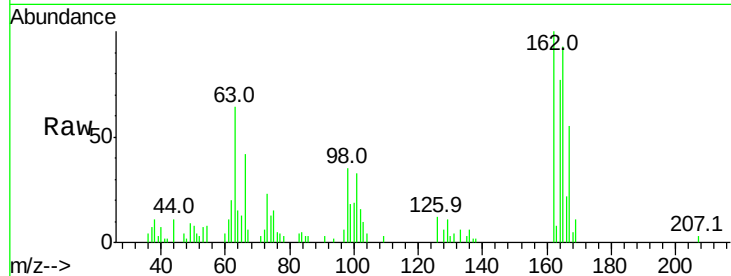
#27
 2,4-Dichlorophenol
 Concen: 1.64 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Tot Ion	Ratio	Lower	Upper
162	100		
164	76.9	51.6	77.4
98	34.8	28.4	42.6

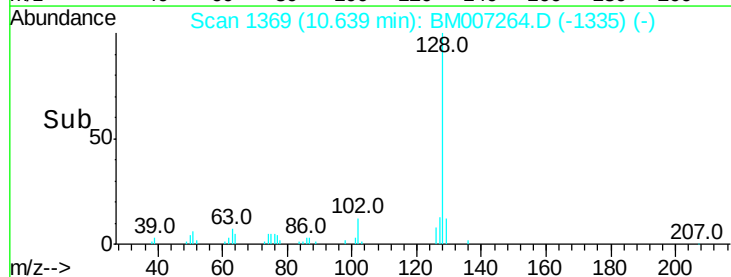
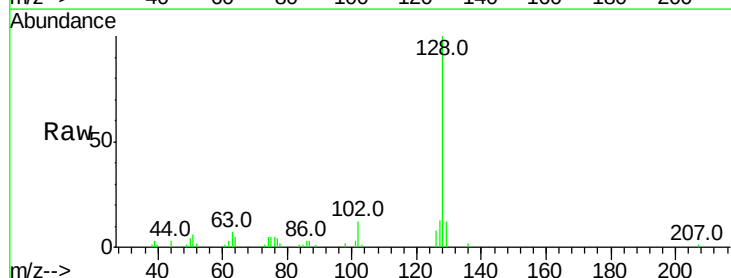
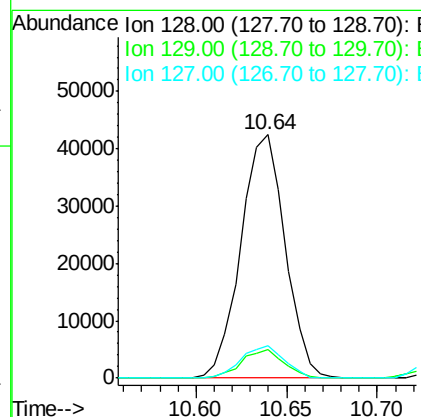
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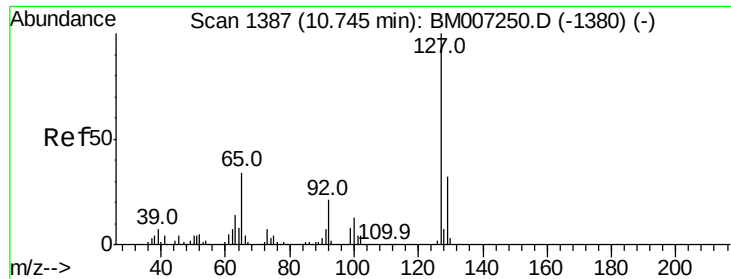
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#28
 Naphthalene
 Concen: 1.75 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.1	10.6	15.8





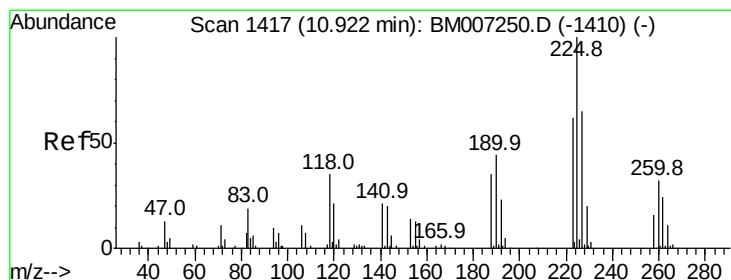
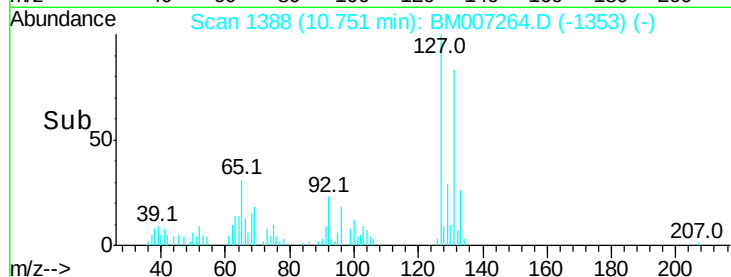
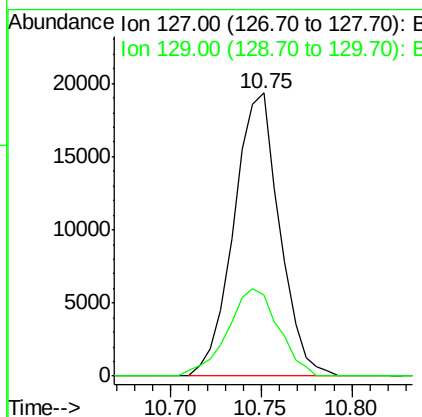
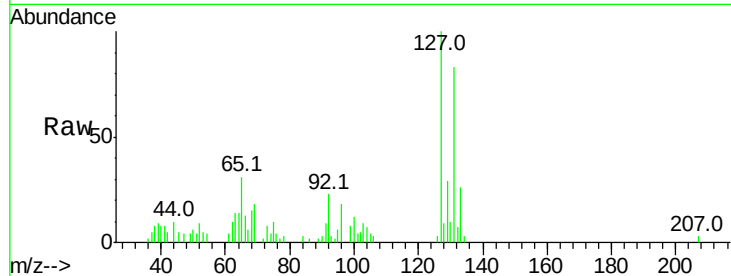
#30
4-Chloroaniline
Concen: 1.87 ng/ul
RT: 10.75 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion:127 Resp: 34046
Ion Ratio Lower Upper
127 100
129 28.8 24.6 37.0

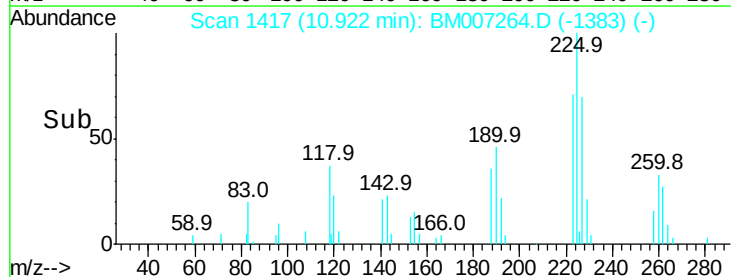
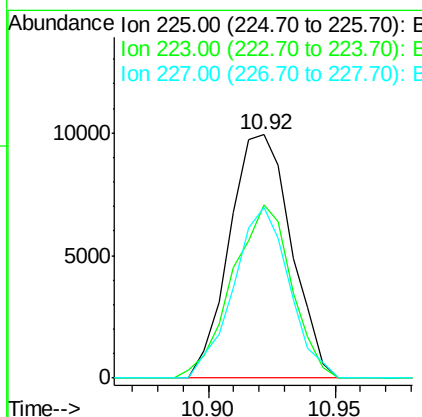
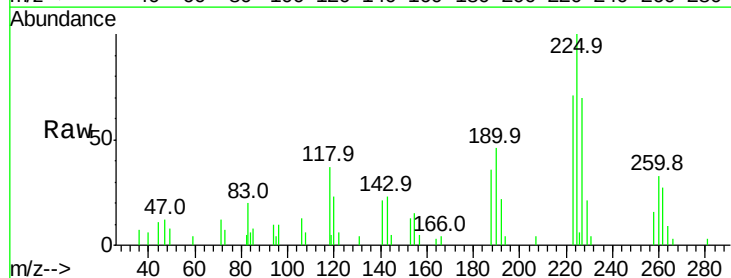
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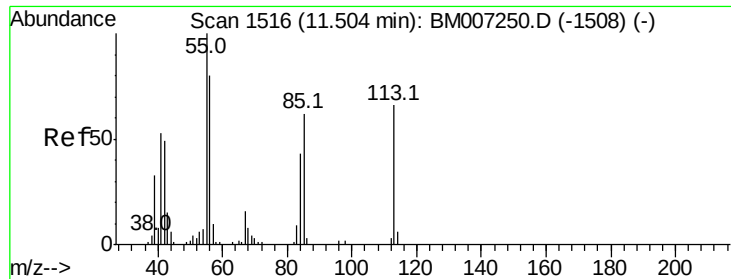
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#31
Hexachlorobutadiene
Concen: 1.76 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion:225 Resp: 16805
Ion Ratio Lower Upper
225 100
223 70.9 51.2 76.8
227 69.9 52.5 78.7





#32

Caprolactam

Concen: 1.76 ng/ul m

RT: 11.53 min Scan# 1520

Delta R.T. 0.02 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

Tot Ion:113 Resp: 9988

Ion Ratio Lower Upper

113 100

55 134.5 121.9 182.9

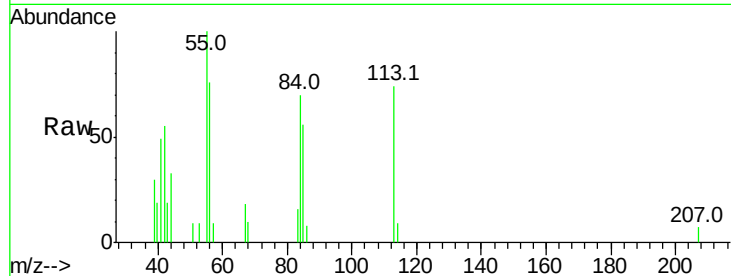
56 102.3 97.4 146.0

Manual Integrations

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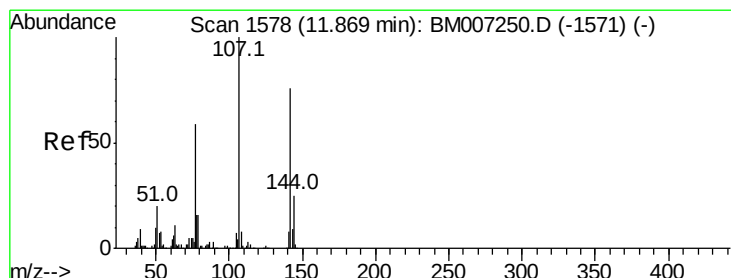
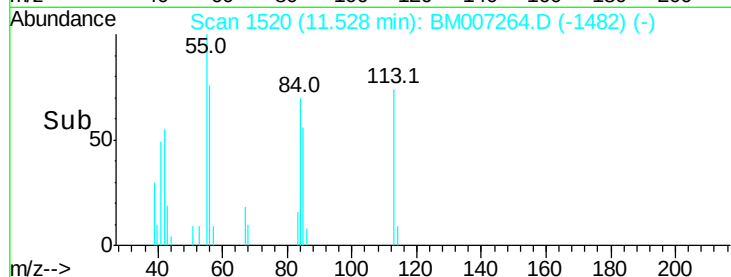
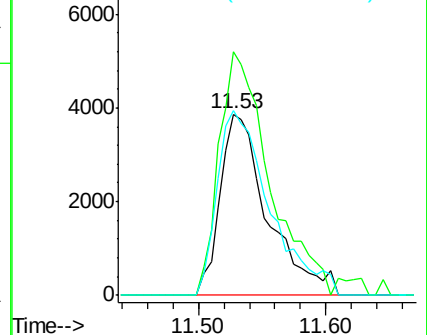
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1.58 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

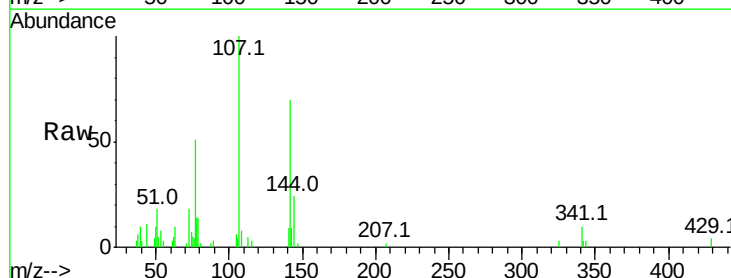
Tgt Ion:107 Resp: 27617

Ion Ratio Lower Upper

107 100

144 23.9 21.1 31.7

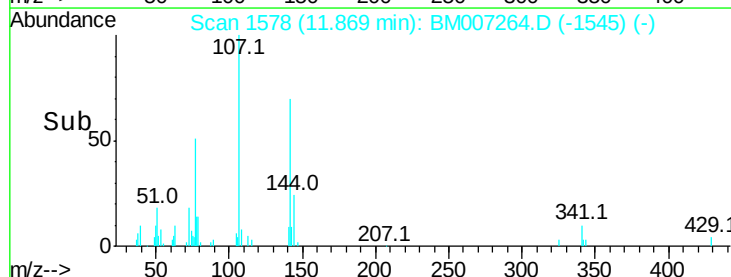
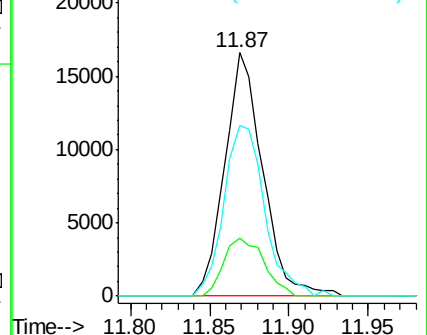
142 69.9 64.1 96.1

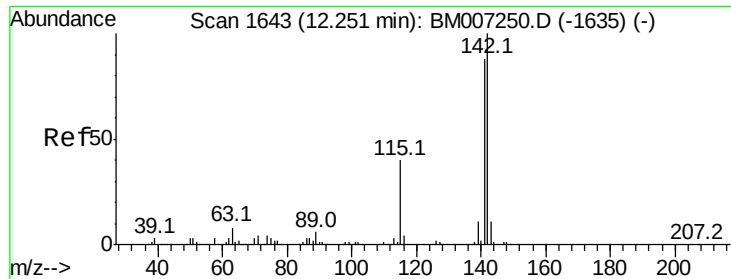


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





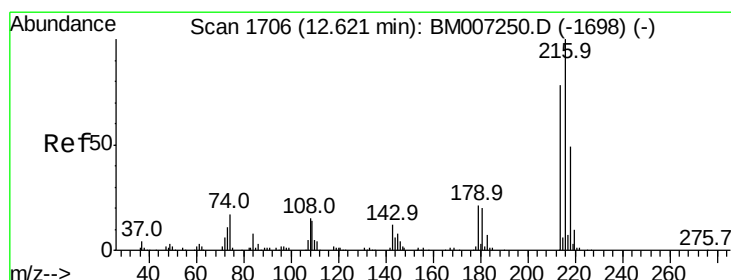
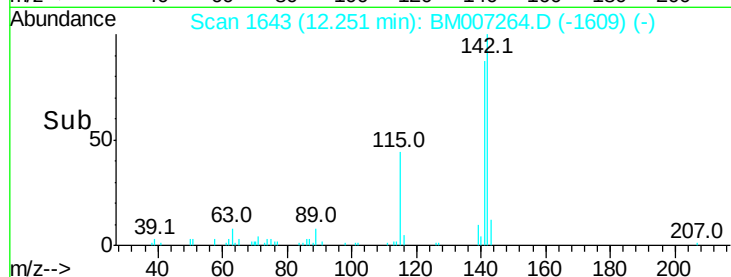
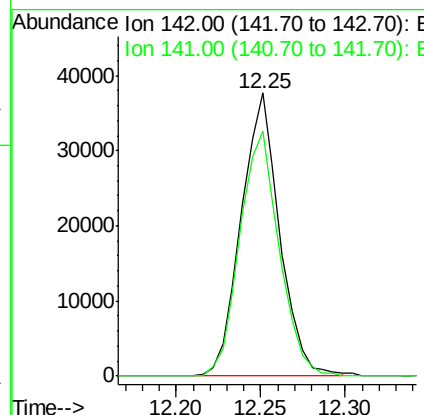
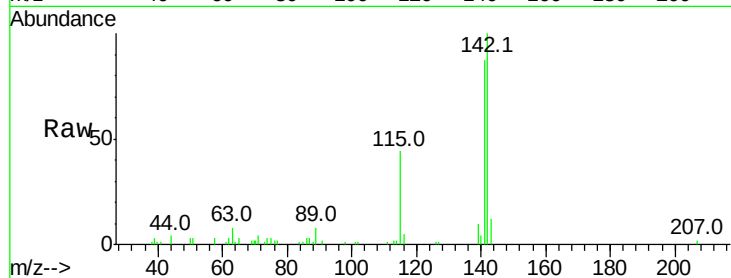
#34
2-Methylnaphthalene
Concen: 1.76 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion:142 Resp: 59679
Ion Ratio Lower Upper
142 100
141 86.7 71.3 106.9

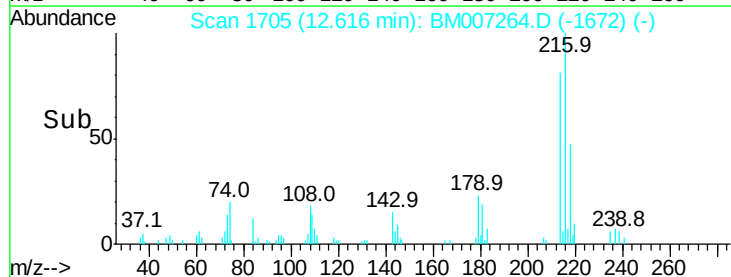
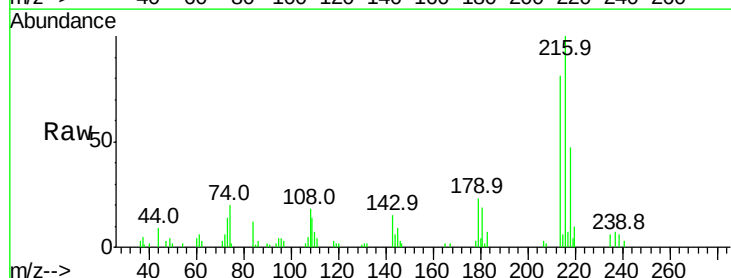
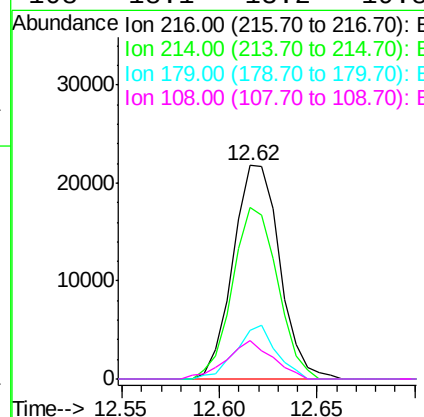
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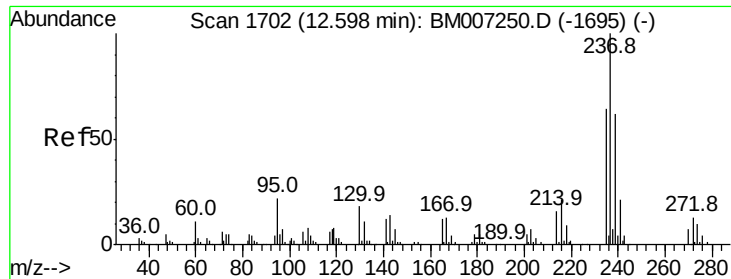
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.77 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion:216 Resp: 36233
Ion Ratio Lower Upper
216 100
214 80.5 64.8 97.2
179 22.5 16.7 25.1
108 18.1 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 1.31 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

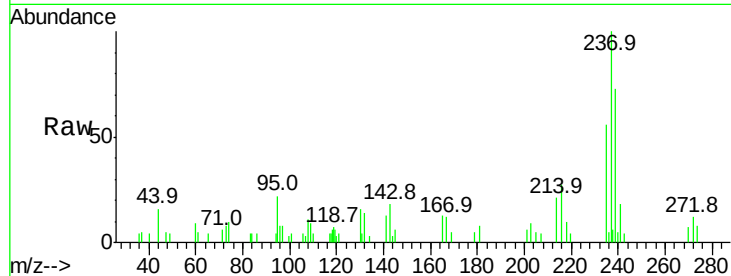
ClientSampled :

MDL-02-S-ML

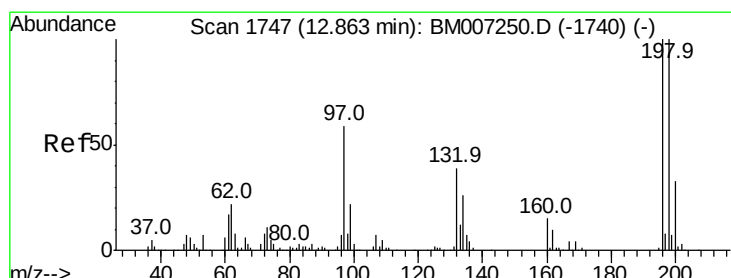
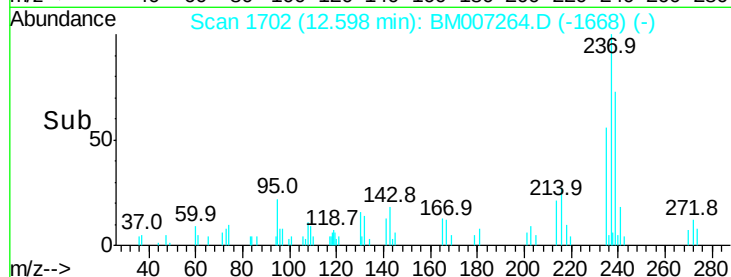
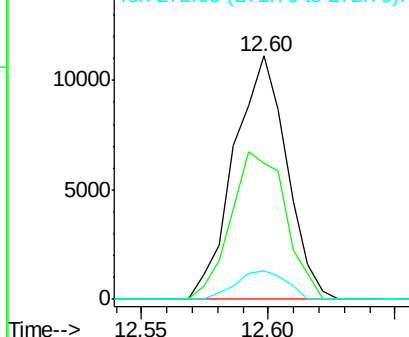
Tot Ion:	237	Resp:	16158
Ion Ratio		Lower	Upper
237	100		
235	55.8	49.6	74.4
272	11.7	10.4	15.6

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Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 1.57 ng/ul

RT: 12.86 min Scan# 1747

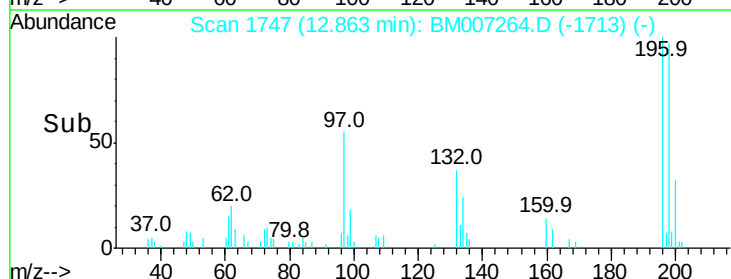
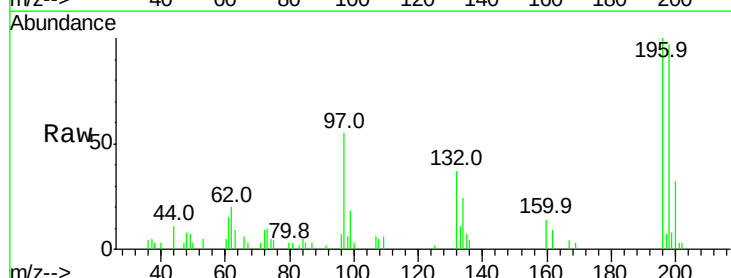
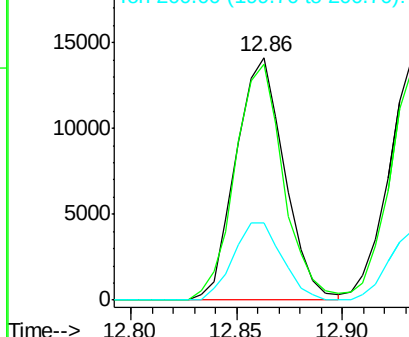
Delta R.T. 0.00 min

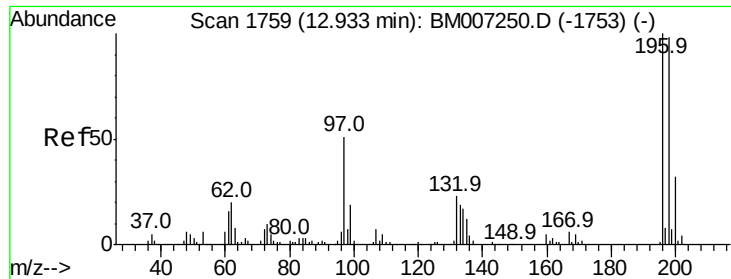
Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	196	Resp:	22670
Ion Ratio		Lower	Upper
196	100		
198	97.2	76.9	115.3
200	31.5	25.1	37.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





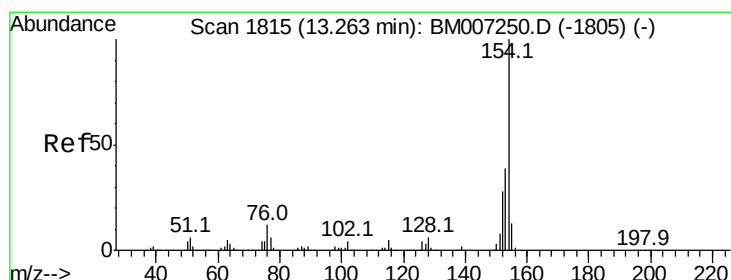
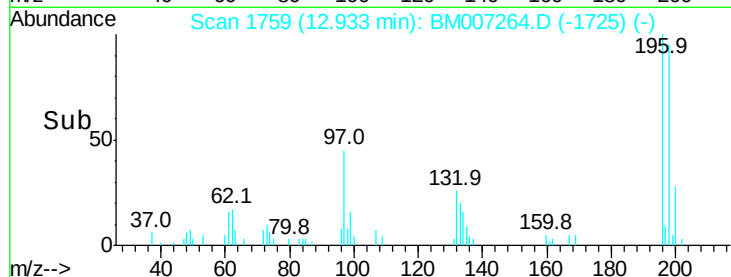
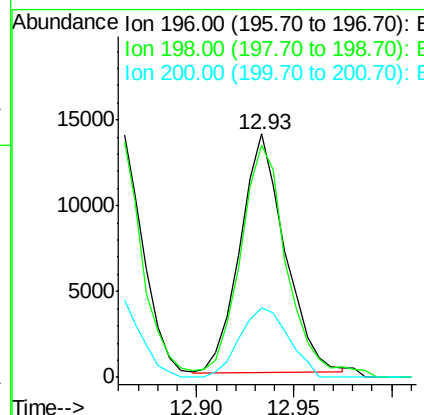
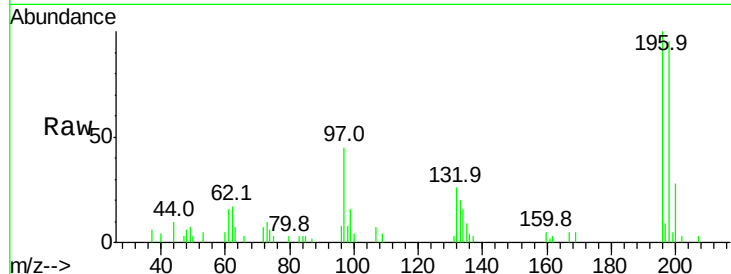
#39
 2,4,5-Trichlorophenol
 Concen: 1.46 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
196	100	22085		
198	95.3	76.8	115.2	
200	28.5	27.0	40.4	

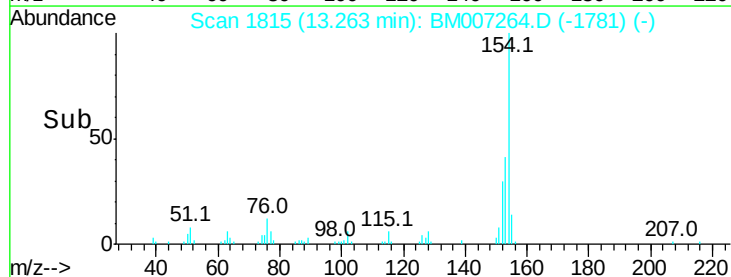
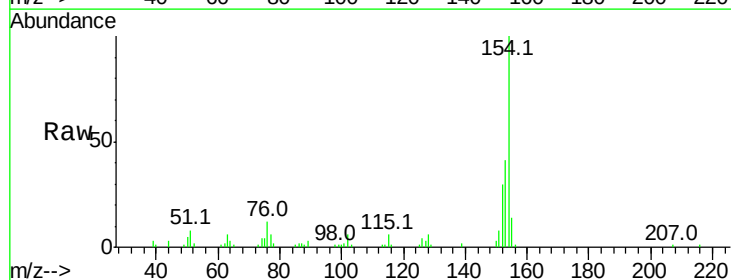
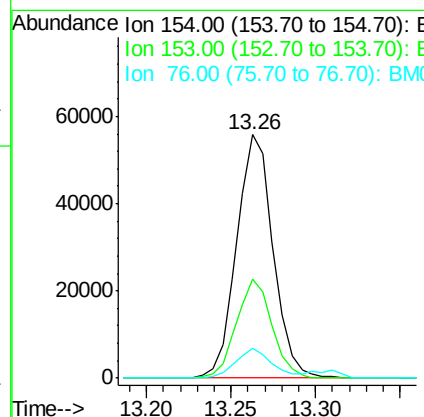
Manual Integrations
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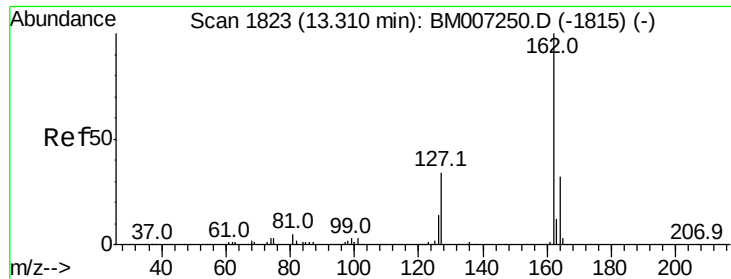
sohil
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#40
 1,1'-Biphenyl
 Concen: 1.76 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	83824		
153	40.6	31.3	46.9	
76	12.3	10.0	15.0	





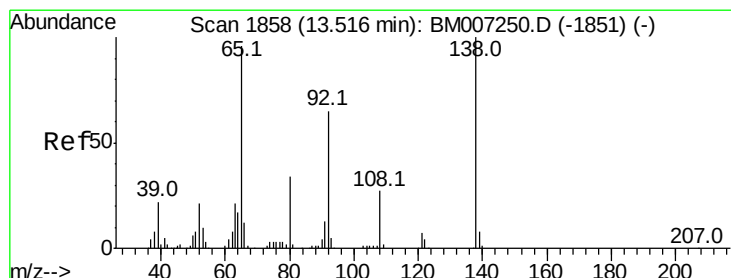
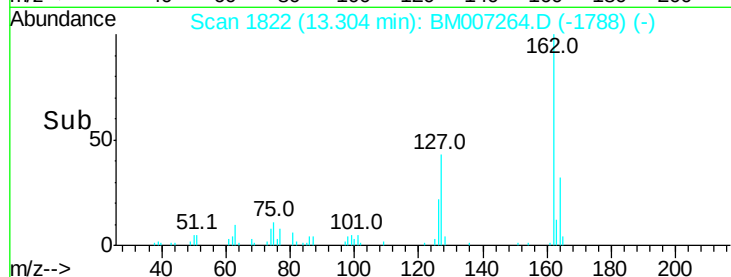
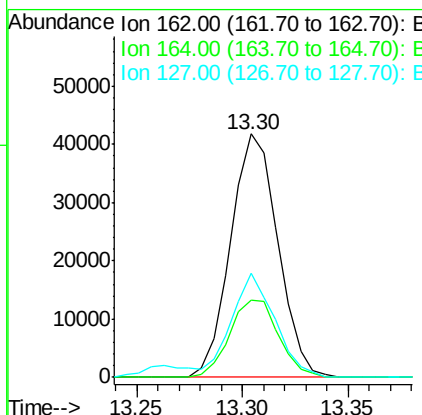
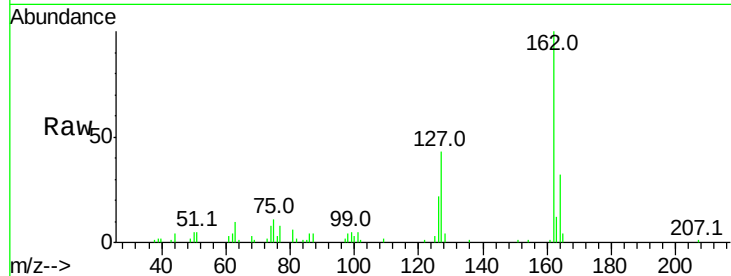
#41
2-Chloronaphthalene
Concen: 1.74 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampled :
MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
162	100	64918		
164	31.8	26.9	40.3	
127	42.7	31.2	46.8	

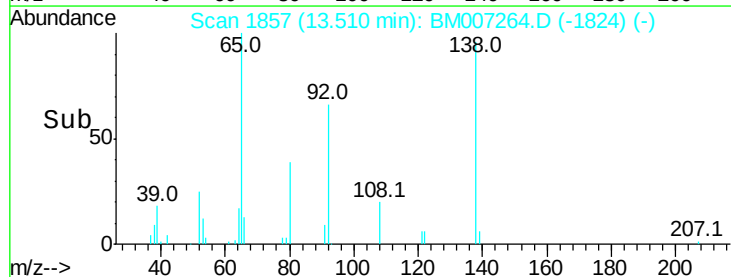
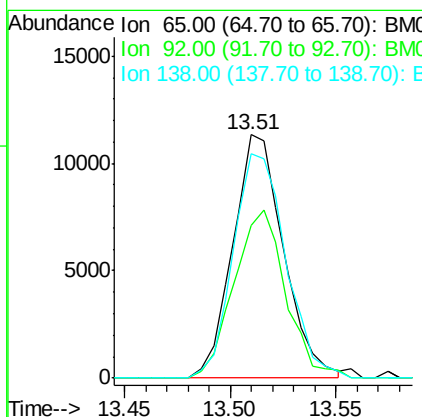
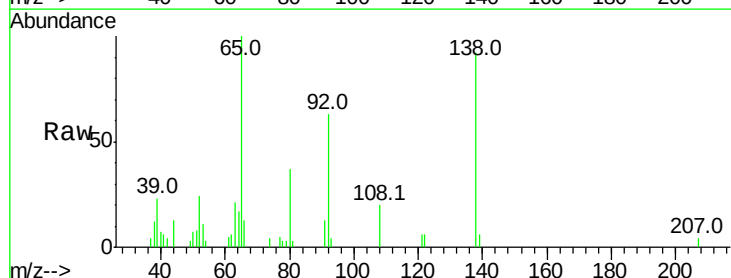
Manual Integrations
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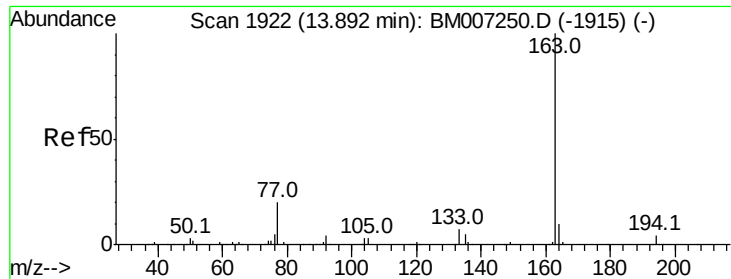
sohil
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#42
2-Nitroaniline
Concen: 1.55 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	18891		
92	62.9	55.6	83.4	
138	91.9	81.3	121.9	





#44

Dimethylphthalate

Concen: 1.95 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

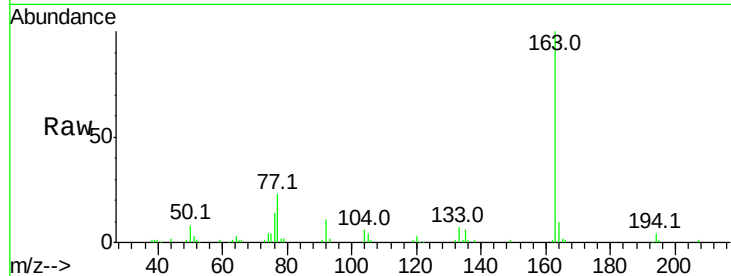
ClientSampled :

MDL-02-S-ML

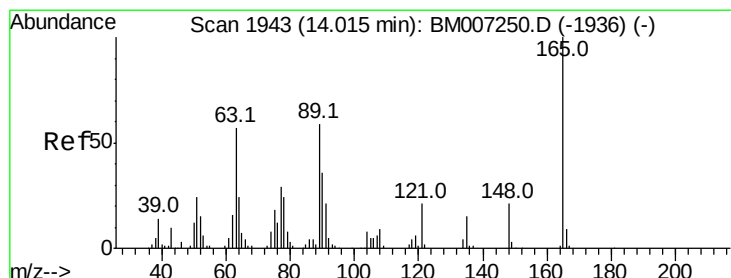
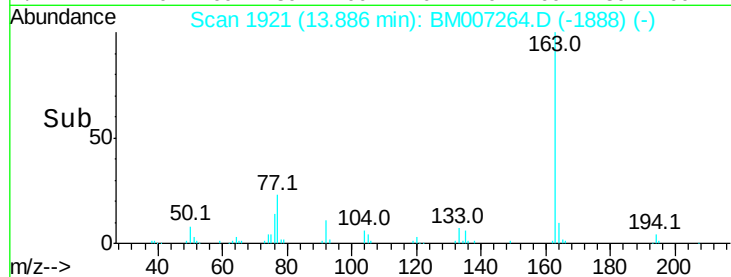
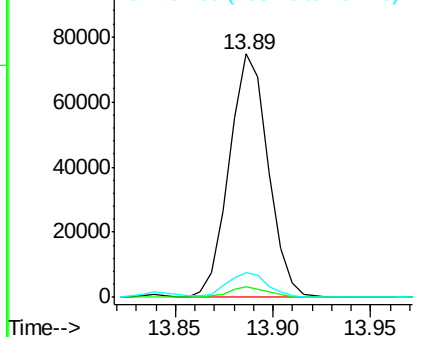
Tot Ion:	163	Resp:	103172
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.2	7.8	11.8

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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: 1.60 ng/ul

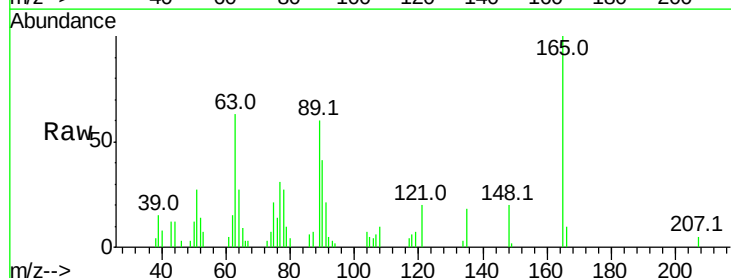
RT: 14.01 min Scan# 1942

Delta R.T. 0.00 min

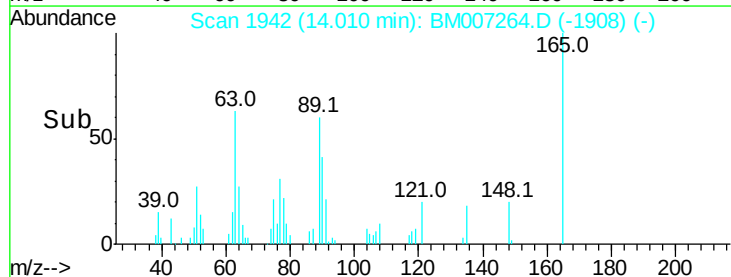
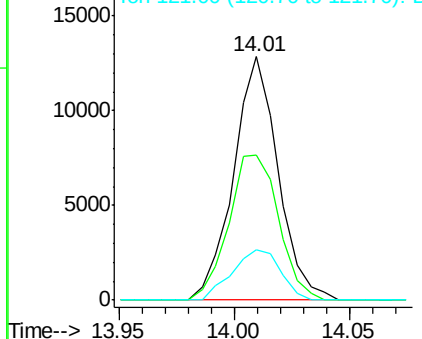
Lab File: BM007264.D

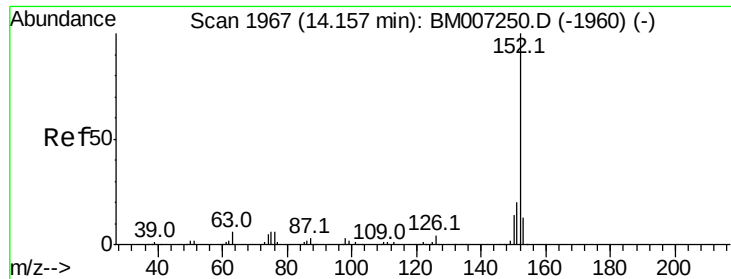
Acq: 23 Aug 2016 22:17

Tgt Ion:	165	Resp:	17310
Ion Ratio	Lower	Upper	
165	100		
89	59.7	46.6	69.8
121	20.5	16.0	24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 1.80 ng/ul

RT: 14.16 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

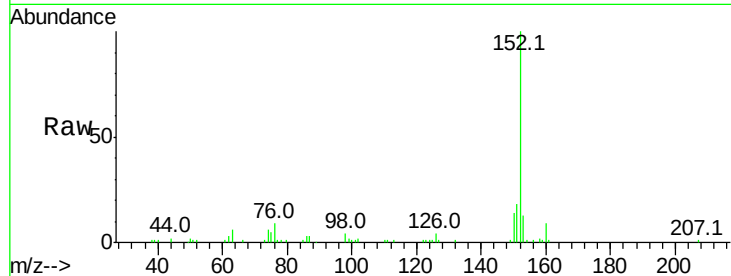
ClientSampled :

MDL-02-S-ML

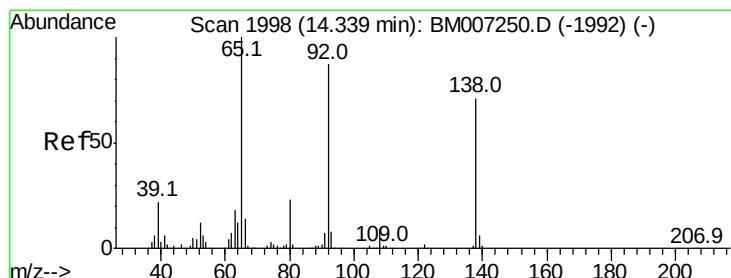
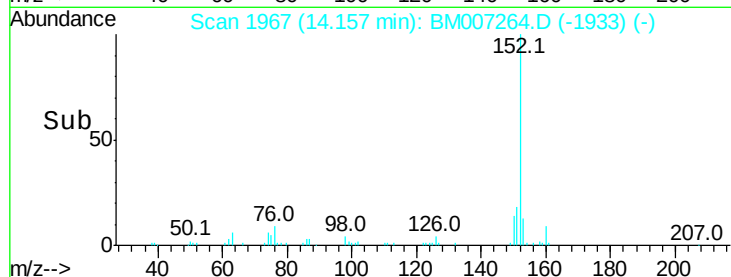
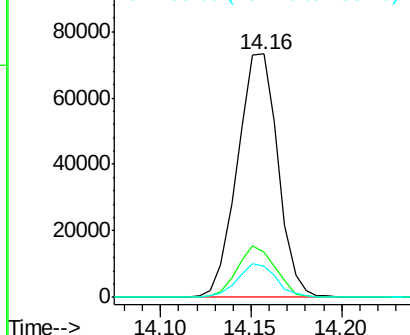
Tot Ion:	152	Resp:	114039
Ion Ratio	Lower	Upper	
152	100		
151	18.3	16.0	24.0
153	13.0	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 1.55 ng/ul

RT: 14.34 min Scan# 1998

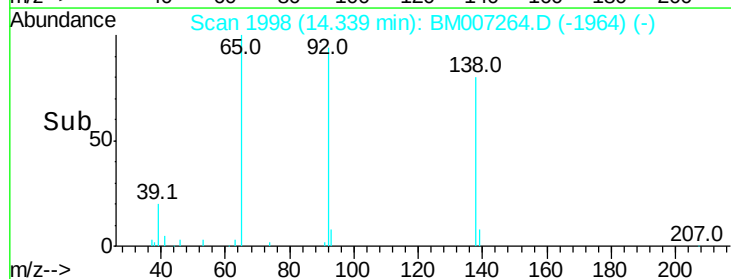
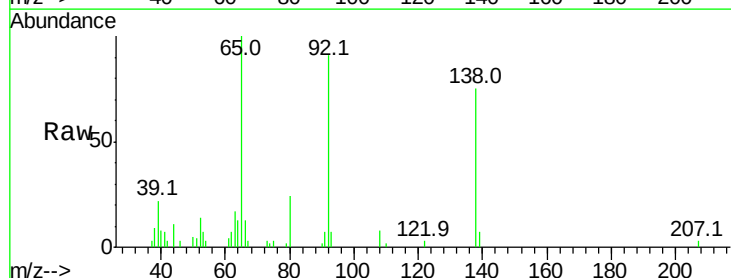
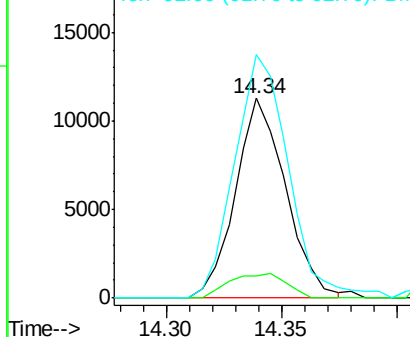
Delta R.T. 0.00 min

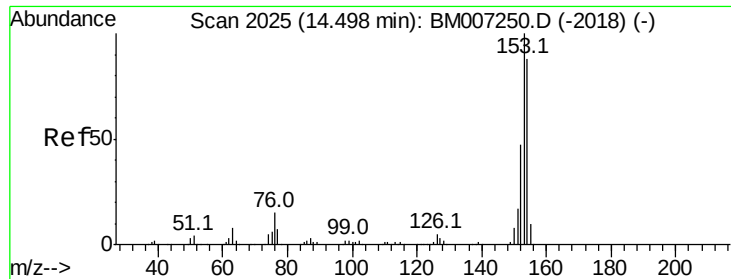
Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	138	Resp:	17110
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	121.9	96.6	145.0

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 1.82 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

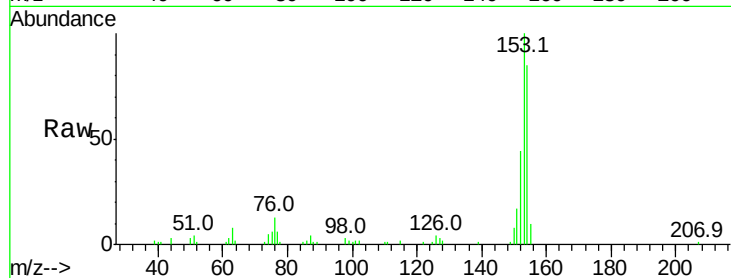
ClientSampleId :

MDL-02-S-ML

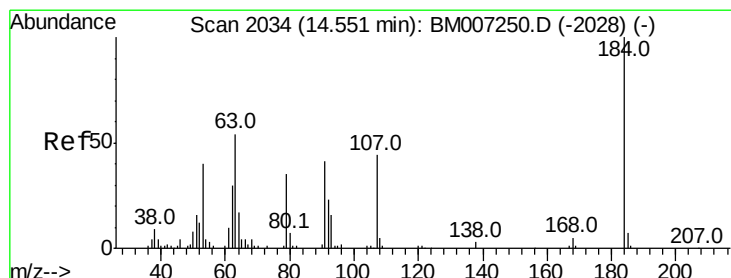
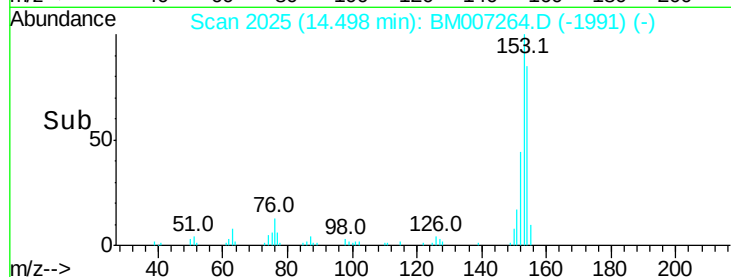
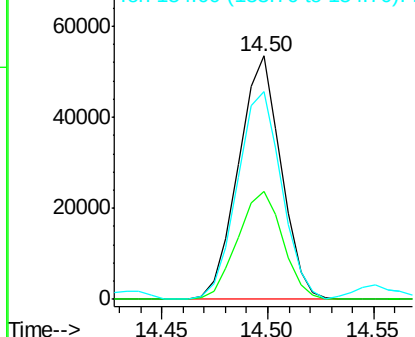
Tot Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.8	56.6
154	85.4	71.4	107.0

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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: 1.01 ng/ul

RT: 14.55 min Scan# 2034

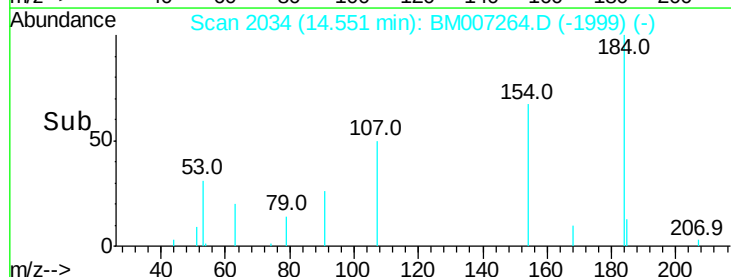
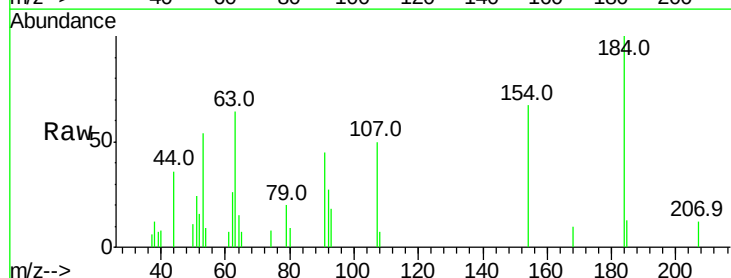
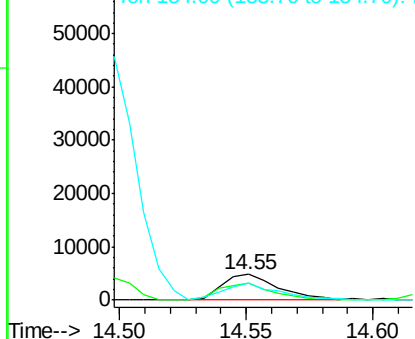
Delta R.T. 0.01 min

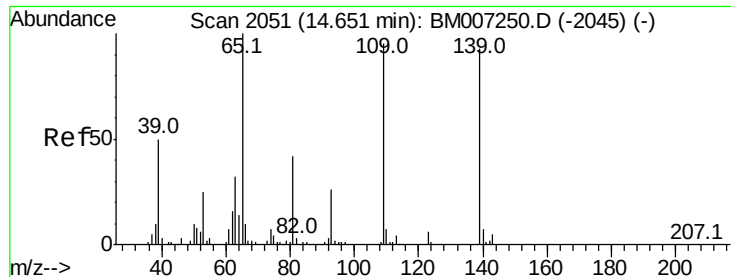
Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	43.4	65.0
154	67.3	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





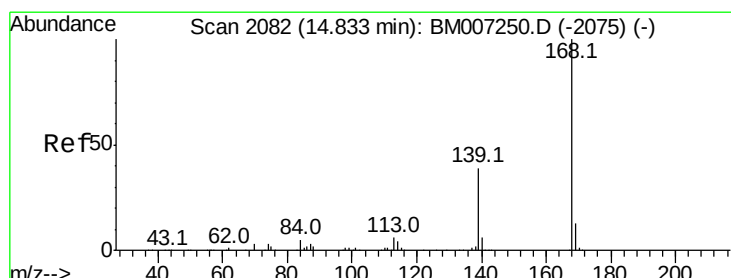
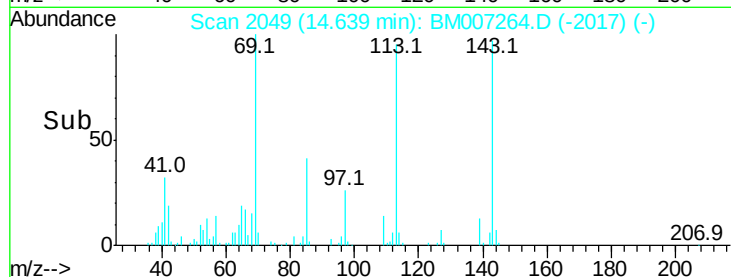
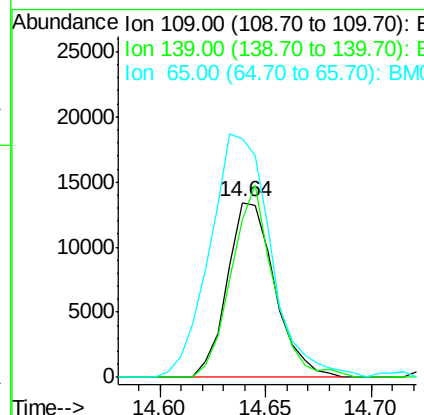
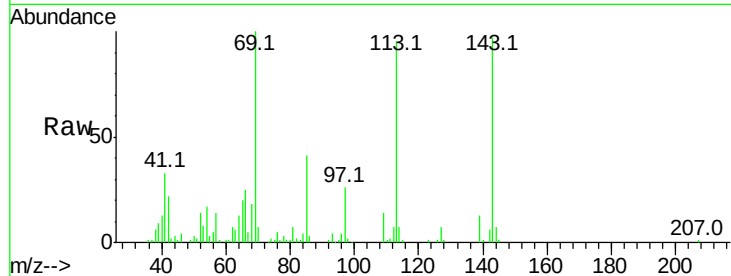
#52
4-Nitrophenol
Concen: 1.96 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampled :
MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
109	100	20927		
139	90.4	88.7	133.1	
65	136.4	96.4	144.6	

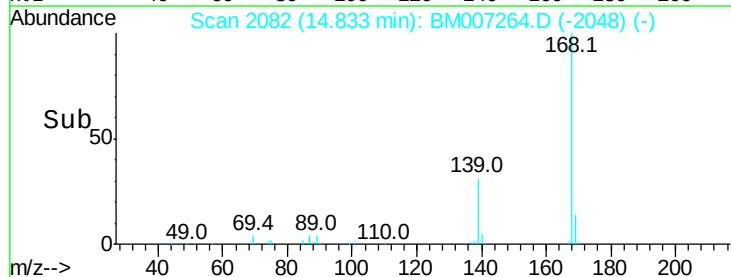
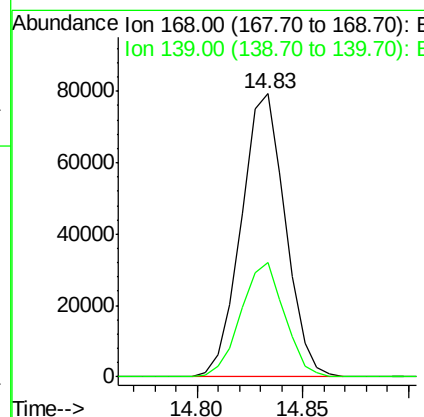
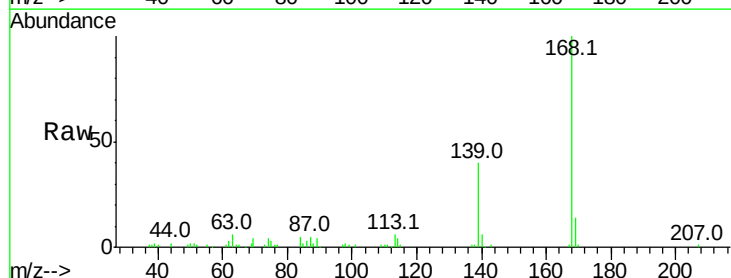
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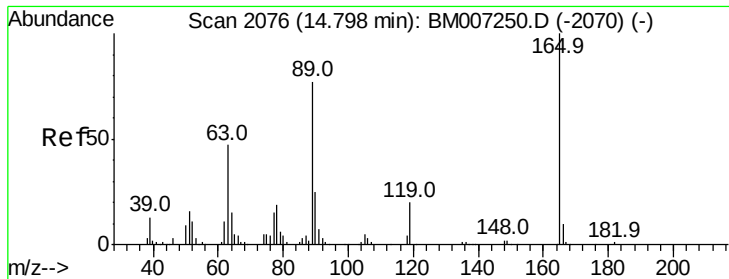
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#53
Dibenzofuran
Concen: 1.87 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	115089		
139	40.4	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 1.72 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

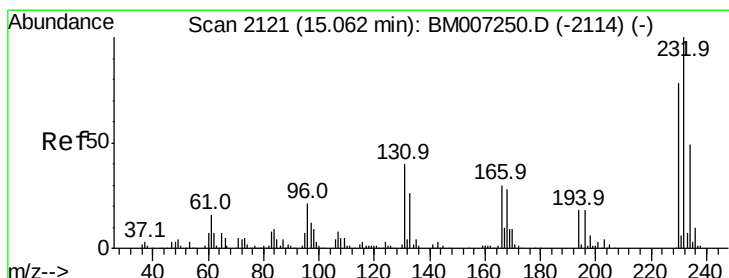
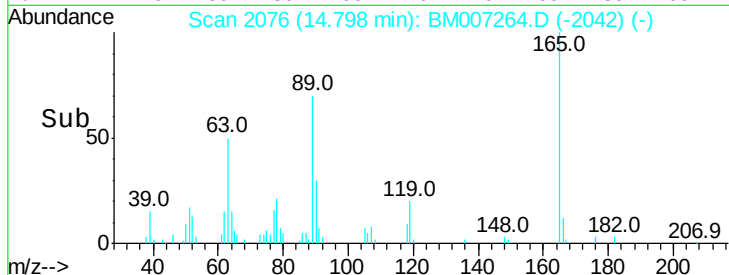
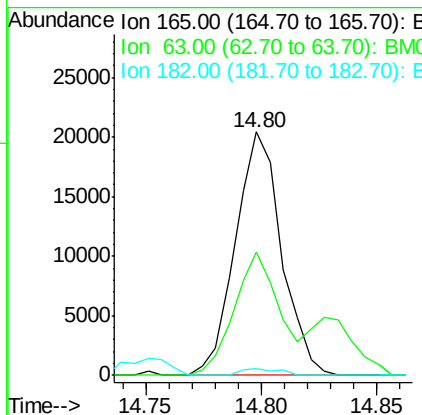
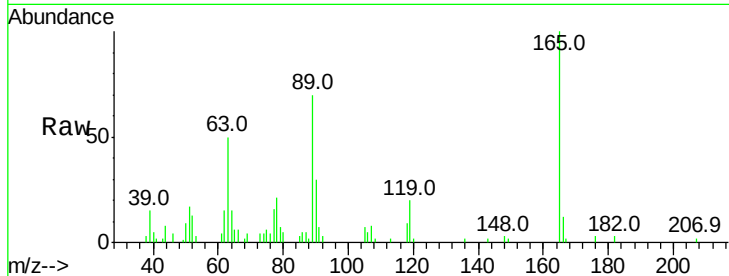
ClientSampled :

MDL-02-S-ML

Tot Ion:	165	Resp:	28472
Ion Ratio	Lower	Upper	
165	100		
63	50.5	36.2	54.2
182	2.7	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 1.73 ng/ul

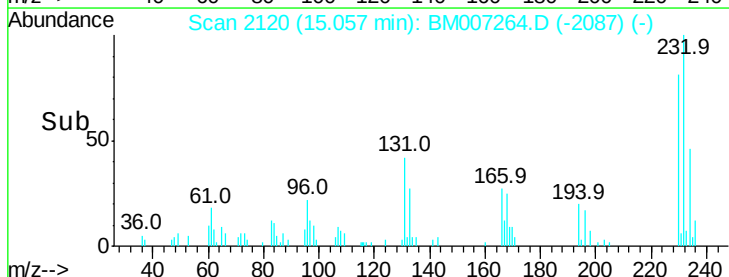
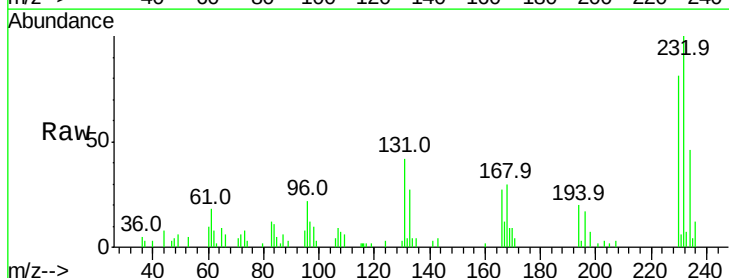
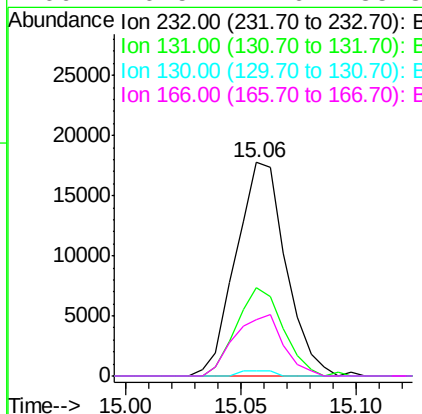
RT: 15.06 min Scan# 2120

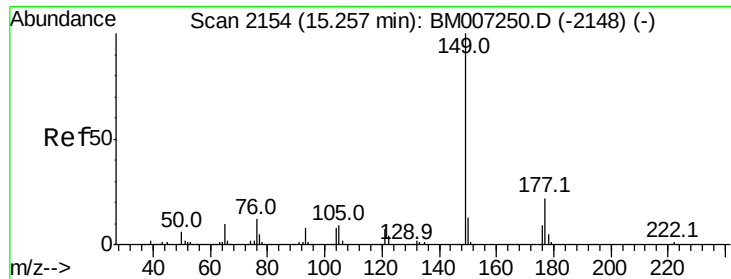
Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	232	Resp:	26806
Ion Ratio	Lower	Upper	
232	100		
131	41.6	31.4	47.0
130	2.6	1.6	2.4
166	26.5	22.6	33.8





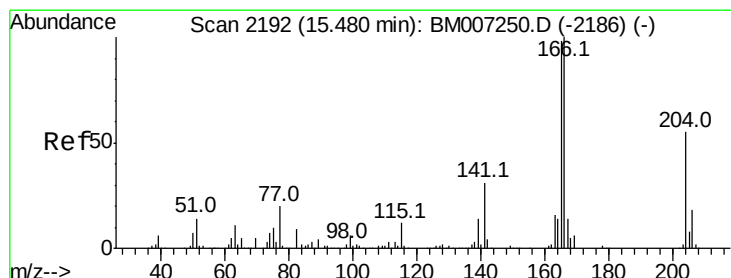
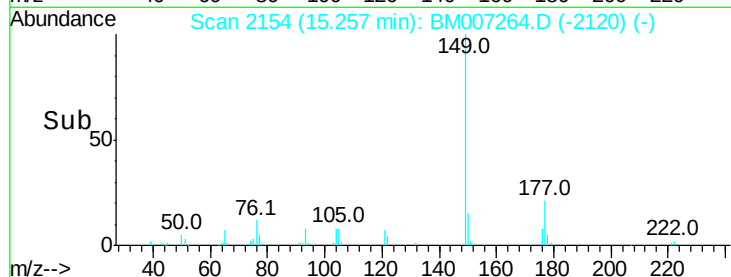
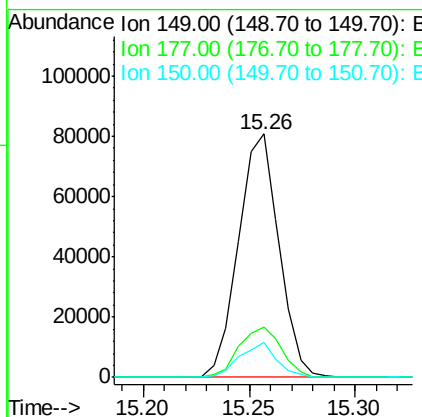
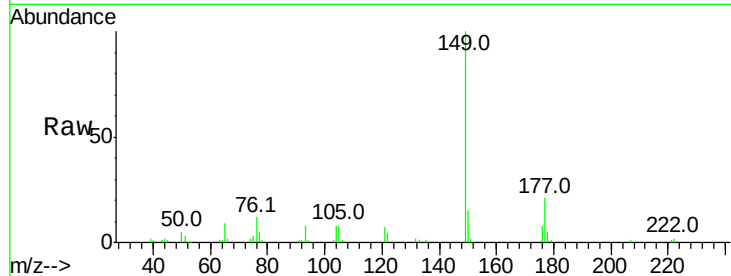
#56
Diethylphthalate
Concen: 1.95 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampled :
MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
149	100	107399		
177	20.8		18.6	28.0
150	14.5		10.0	15.0

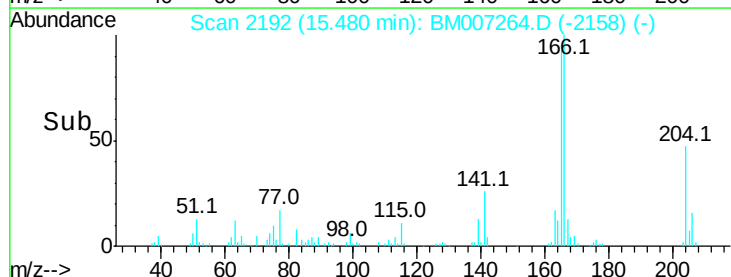
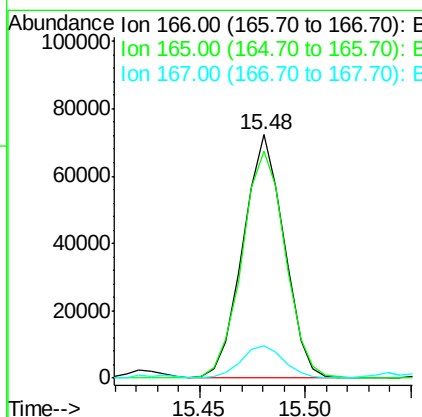
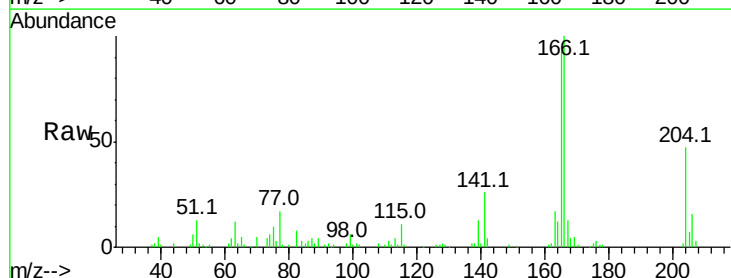
Manual Integrations
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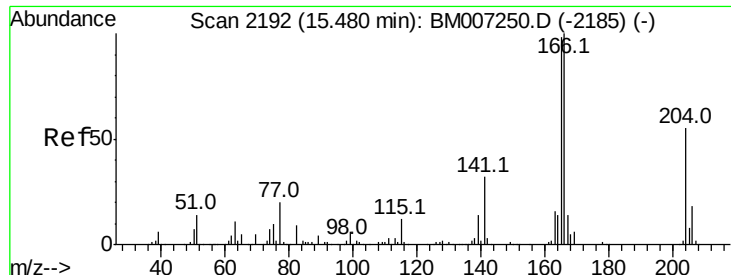
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#58
Fluorene
Concen: 1.93 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	98069		
165	93.0		79.9	119.9
167	13.3		10.5	15.7





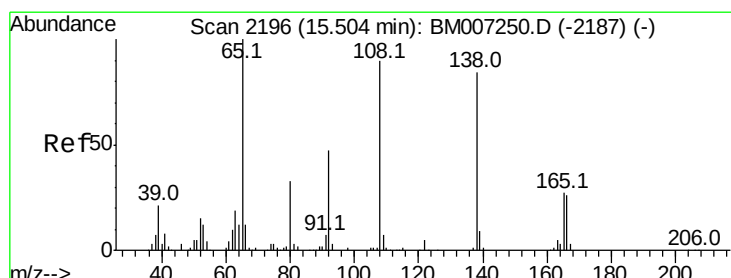
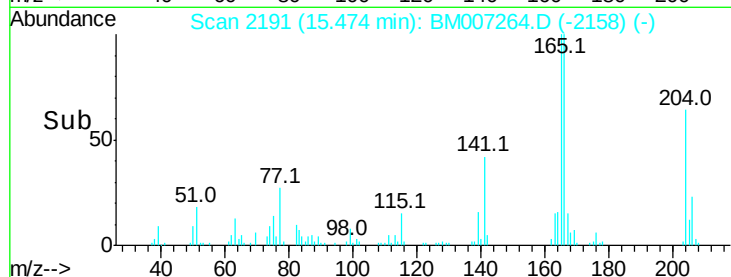
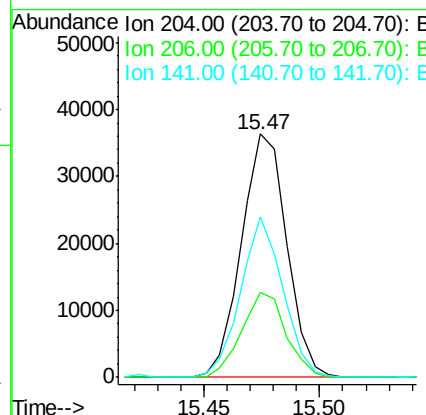
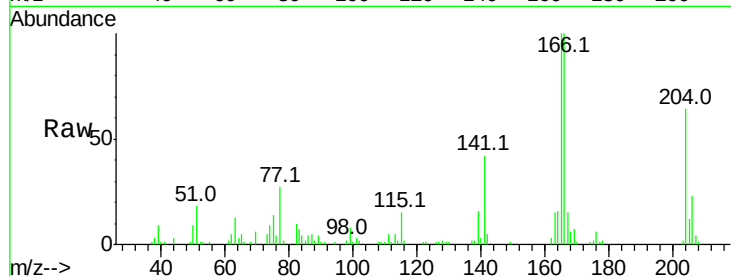
#59
 4-Chlorophenyl-phenylether
 Concen: 1.88 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampleID :
 MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
204	100	49828		
206	35.0		25.9	38.9
141	65.9		46.1	69.1

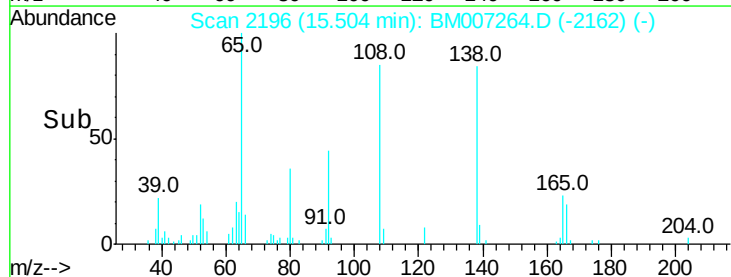
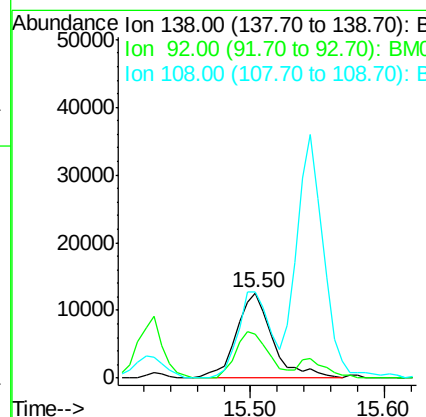
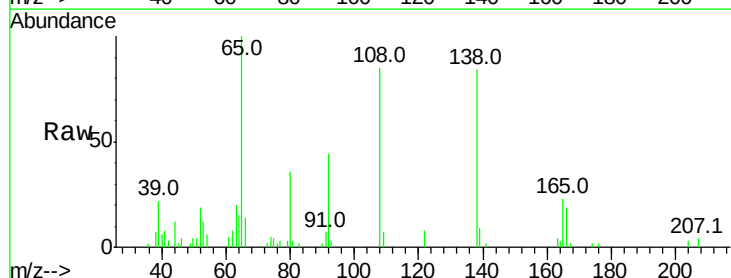
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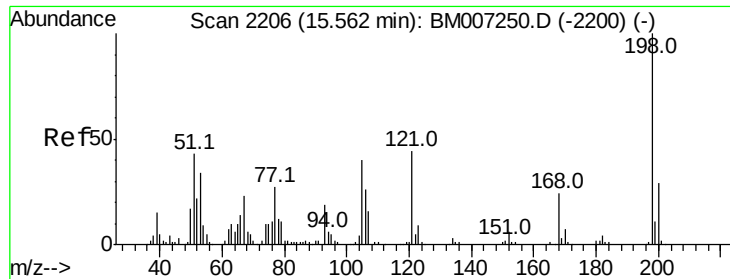
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#60
 4-Nitroaniline
 Concen: 1.89 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	23592		
92	52.2		43.5	65.3
108	101.0		80.3	120.5





#63

4,6-Dinitro-2-methylphenol

Concen: 1.83 ng/ul

RT: 15.56 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

ClientSampled :

MDL-02-S-ML

Tot Ion:198 Resp: 20905

Ion Ratio Lower Upper

198 100

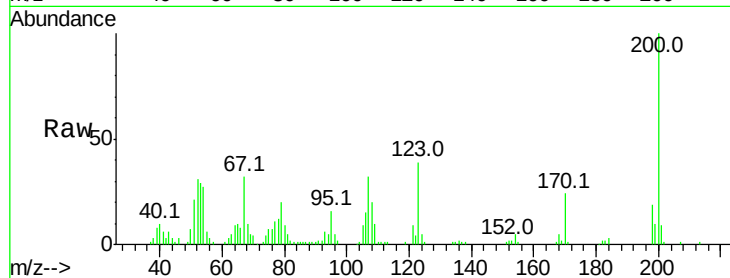
182 10.2 3.3 4.9#

77 55.7 21.8 32.6#

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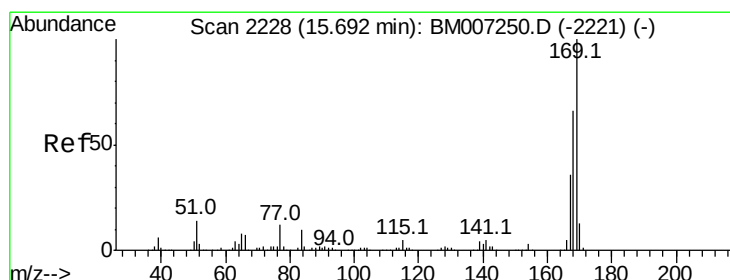
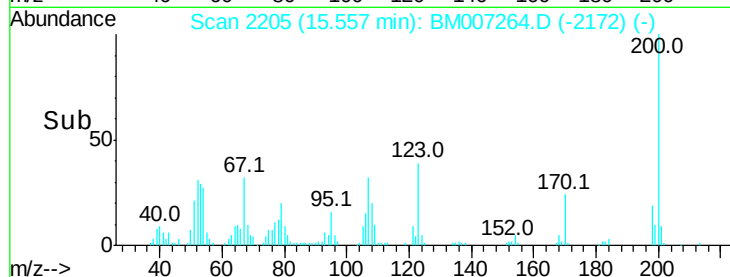
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E

Time-->

15.50 15.55 15.60



#64

N-Nitrosodiphenylamine

Concen: 1.85 ng/ul

RT: 15.69 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

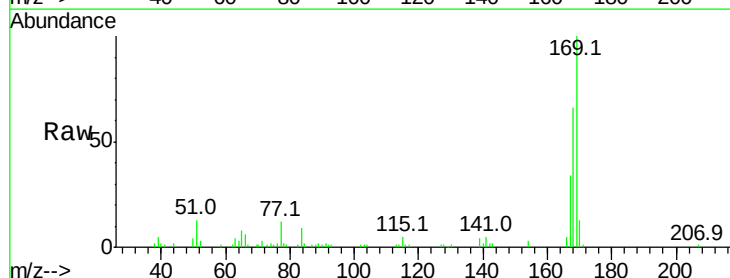
Tgt Ion:169 Resp: 88029

Ion Ratio Lower Upper

169 100

168 65.8 52.6 79.0

167 34.3 28.6 43.0



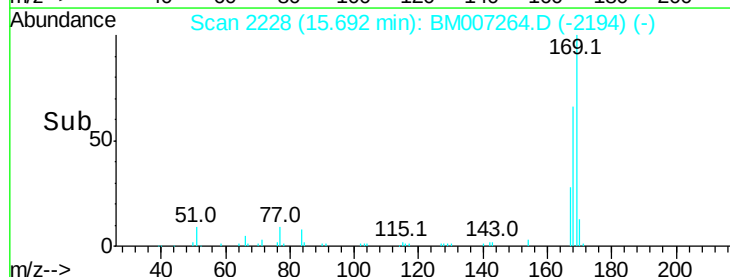
Abundance Ion 169.00 (168.70 to 169.70): E

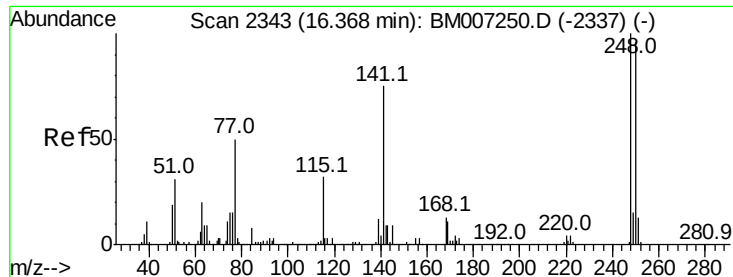
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

15.65 15.70 15.75





#65

4-Bromophenyl-phenylether

Concen: 1.81 ng/ul

RT: 16.37 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

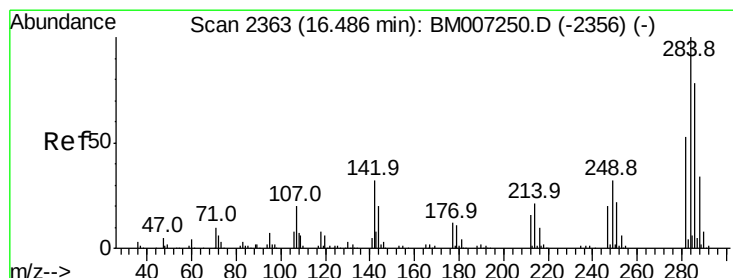
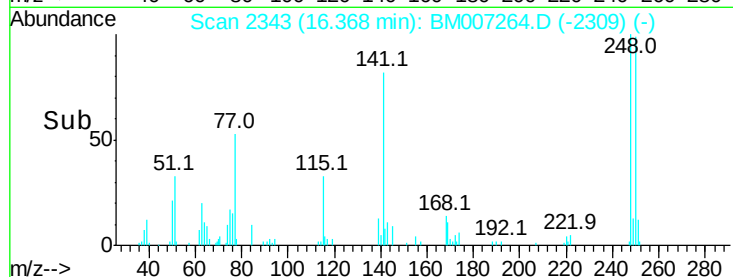
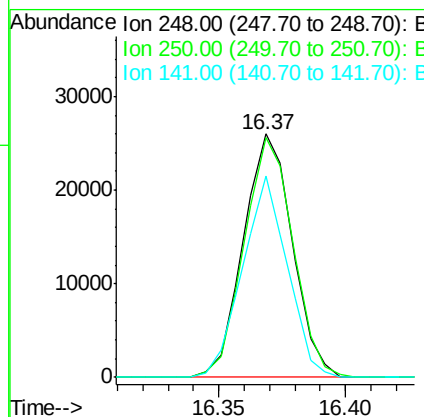
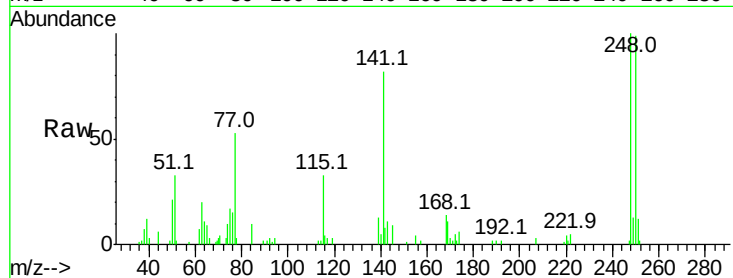
ClientSampleId :

MDL-02-S-ML

Tot Ion:	248	Resp:	34856
Ion Ratio	Lower	Upper	
248	100		
250	98.7	79.7	119.5
141	82.5	58.3	87.5

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#66

Hexachlorobenzene

Concen: 1.93 ng/ul

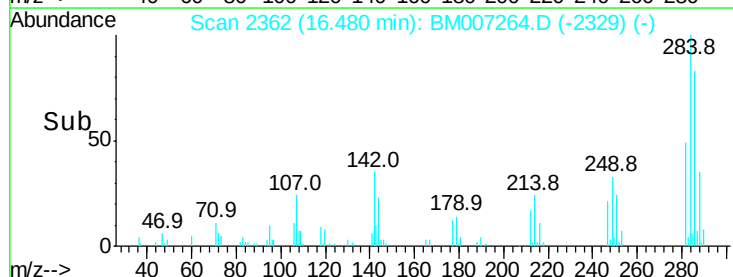
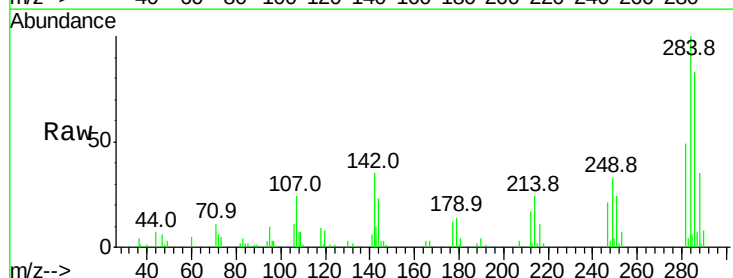
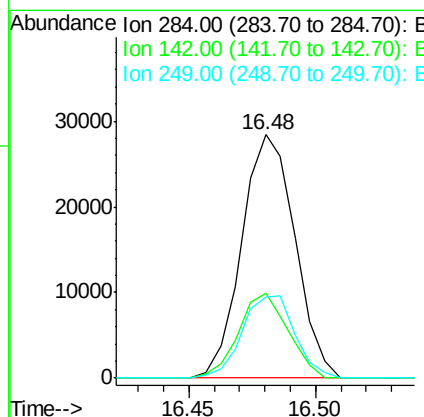
RT: 16.48 min Scan# 2362

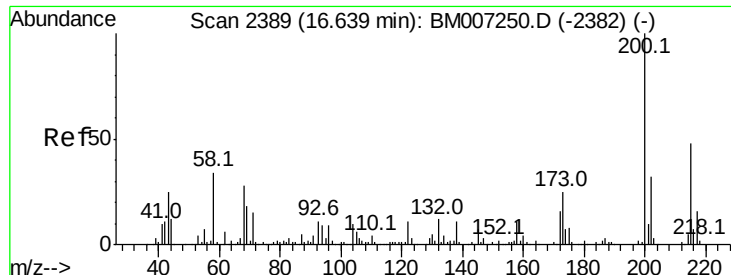
Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	284	Resp:	41567
Ion Ratio	Lower	Upper	
284	100		
142	32.8	24.9	37.3
249	34.6	25.5	38.3





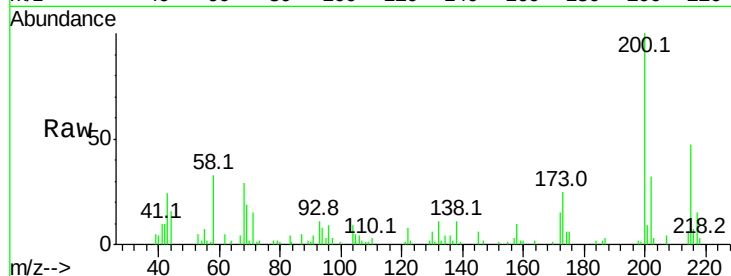
#67
 Atrazine
 Concen: 1.80 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

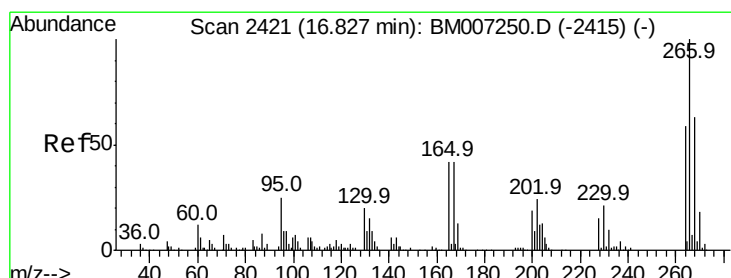
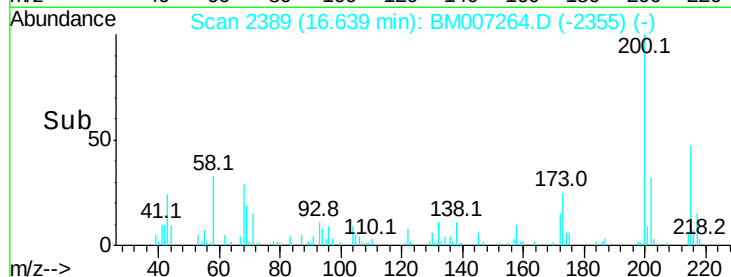
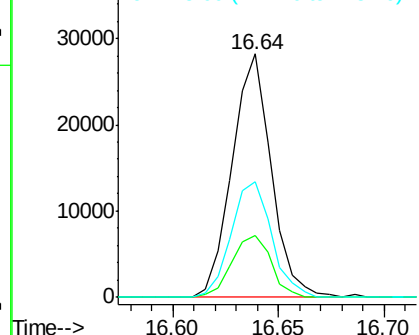
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	18.9	28.3
215	47.4	39.5	59.3

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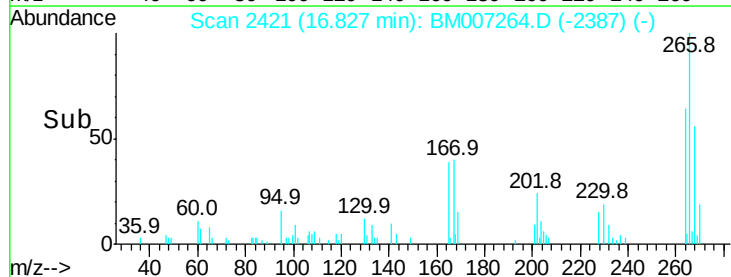
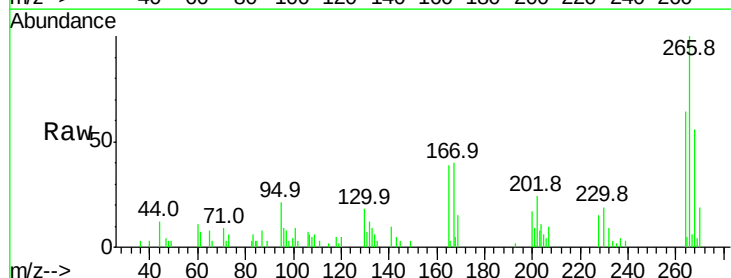
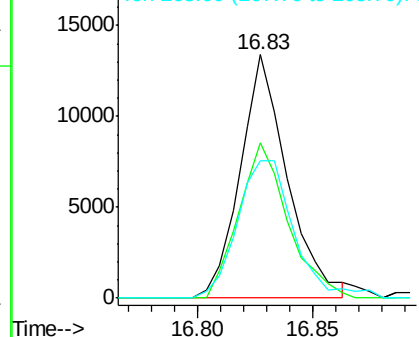
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

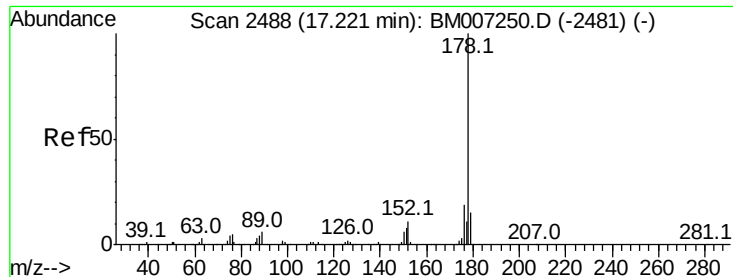


#68
 Pentachlorophenol
 Concen: 1.37 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.6	75.8
268	56.3	51.0	76.6

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





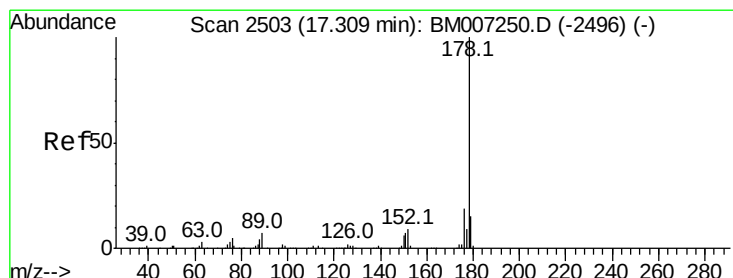
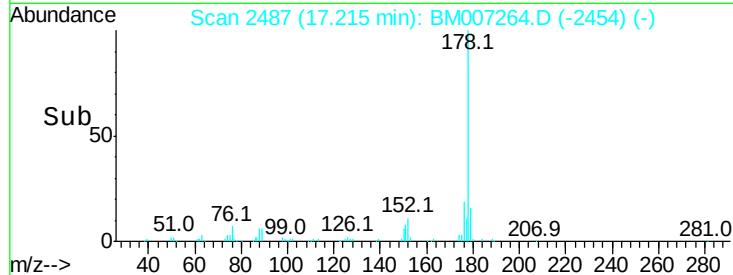
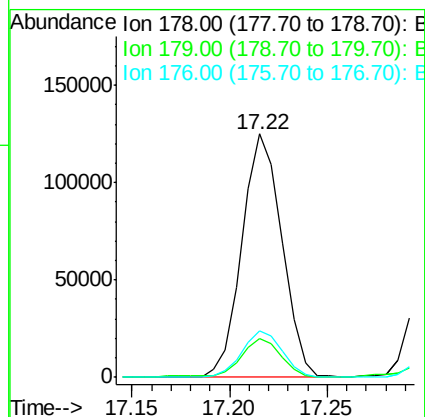
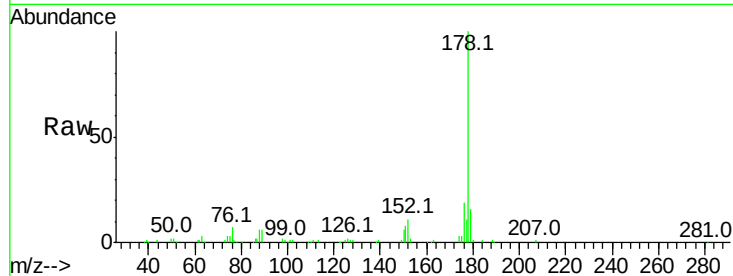
#69
Phenanthrene
Concen: 1.94 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.1	15.1	22.7

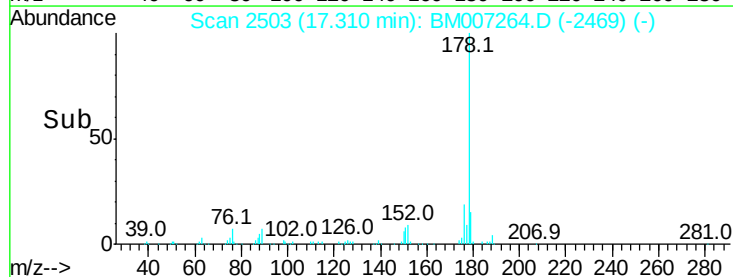
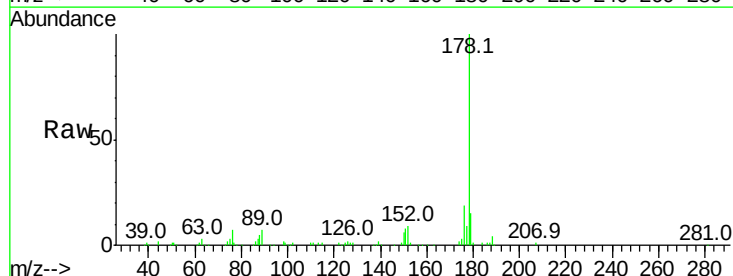
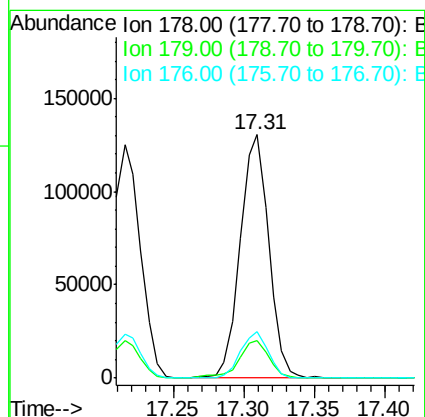
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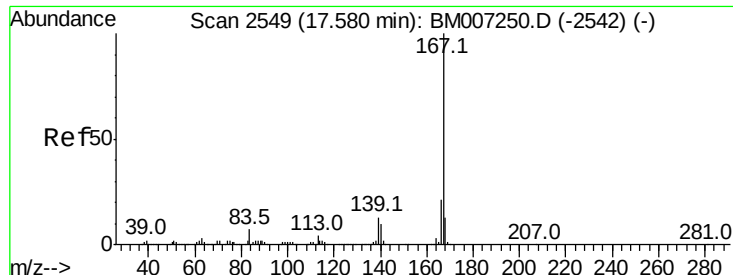
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#71
Anthracene
Concen: 1.96 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.2	14.5	21.7





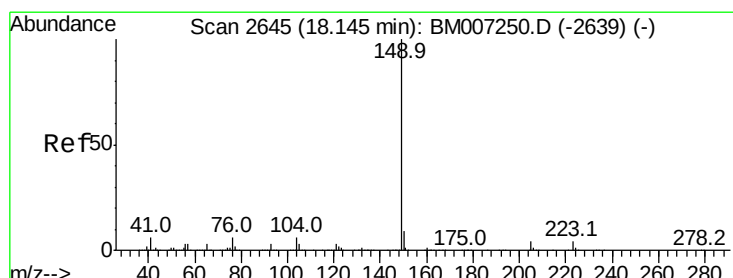
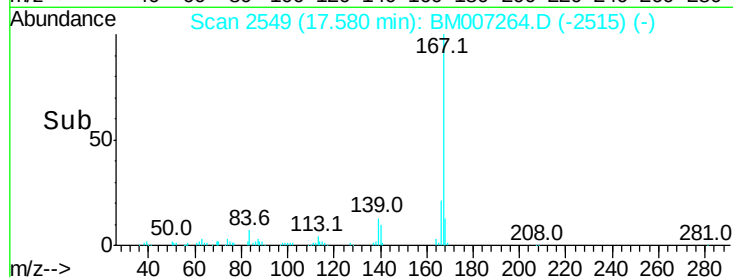
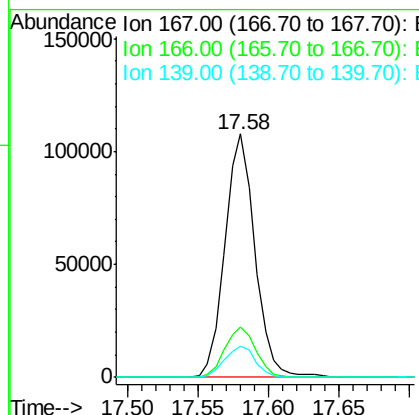
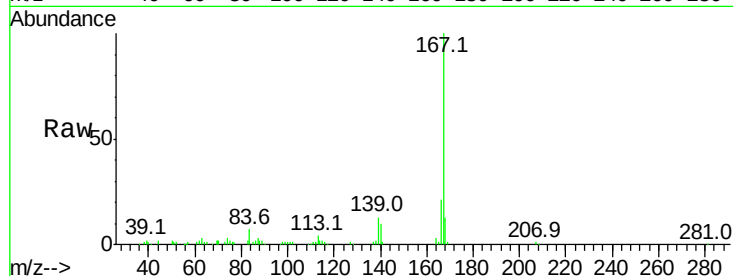
#72
 Carbazole
 Concen: 1.94 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-S-ML

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	20.9	16.6	25.0
139	12.6	10.2	15.4

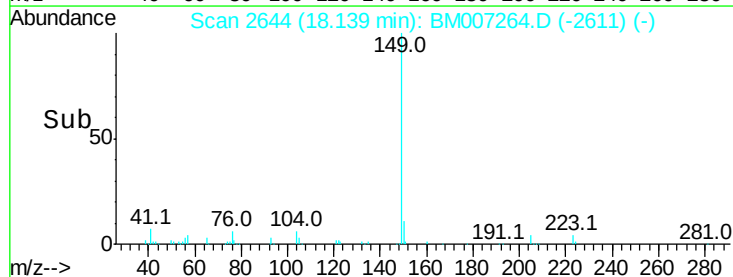
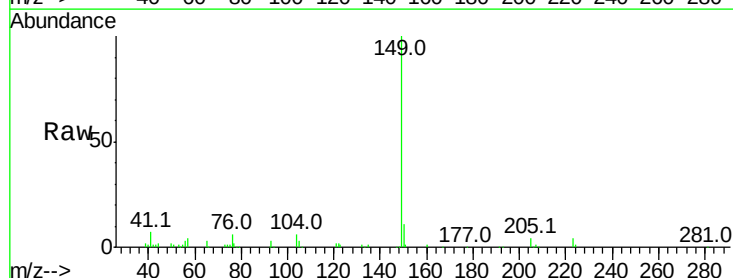
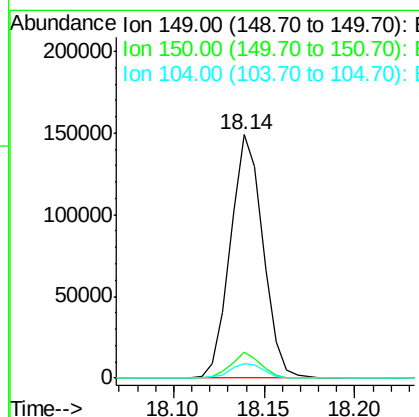
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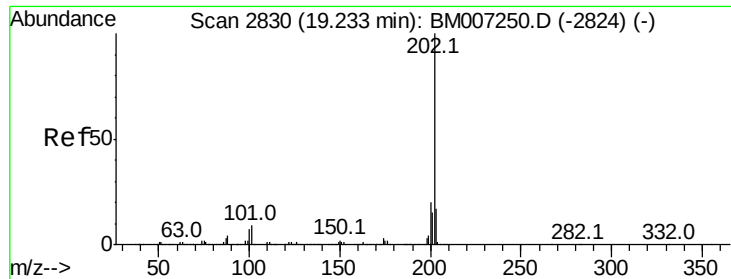
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#73
 Di-n-butylphthalate
 Concen: 1.81 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	10.5	7.6	11.4
104	5.8	4.6	7.0





#74

Fluoranthene

Concen: 2.09 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Instrument :

BNA_M

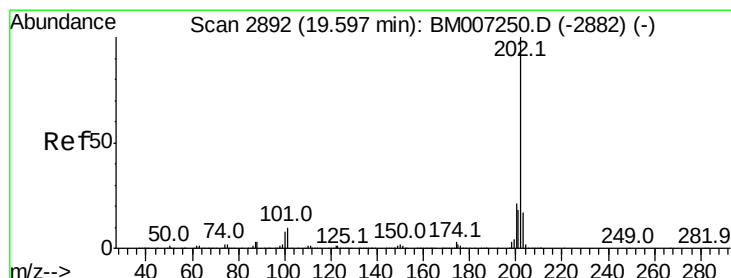
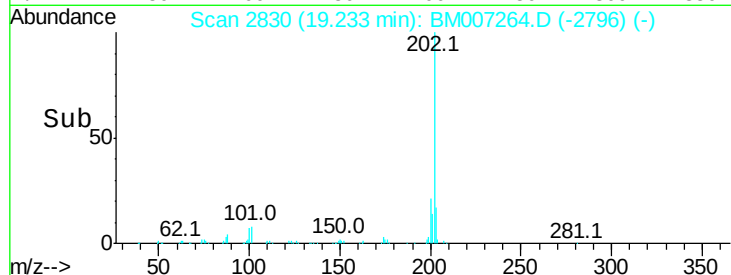
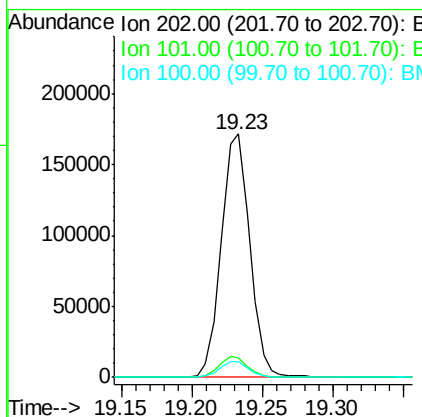
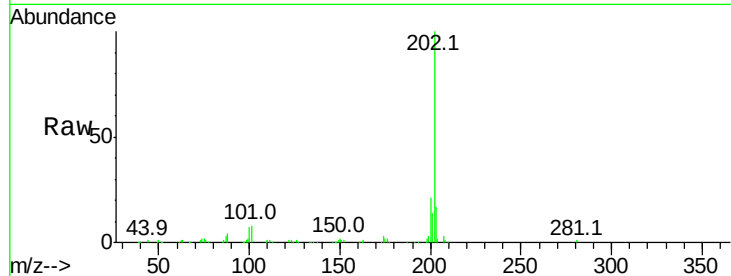
ClientSampleId :

MDL-02-S-ML

Tot Ion:	202	Resp:	240222
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	6.6	5.4	8.0

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#77

Pyrene

Concen: 1.97 ng/ul

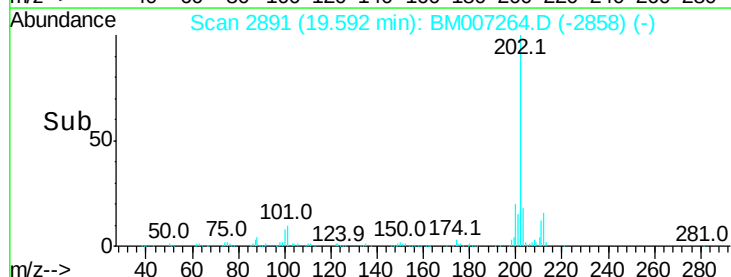
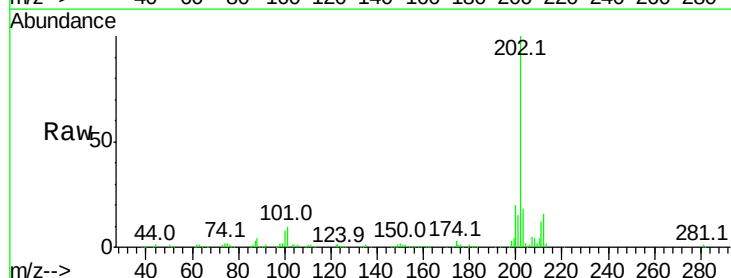
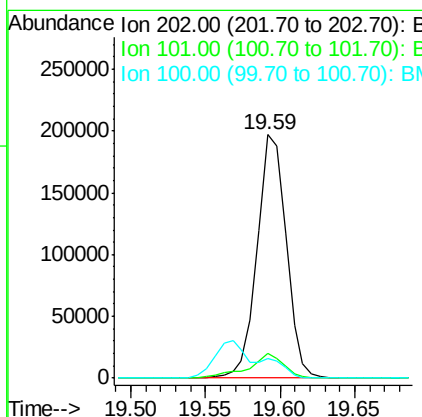
RT: 19.59 min Scan# 2891

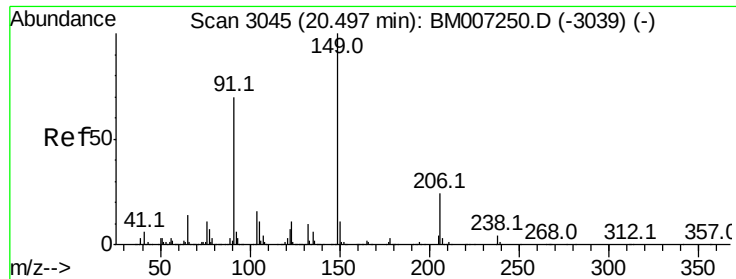
Delta R.T. -0.01 min

Lab File: BM007264.D

Acq: 23 Aug 2016 22:17

Tgt Ion:	202	Resp:	265607
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.4	12.6
100	7.9	6.9	10.3





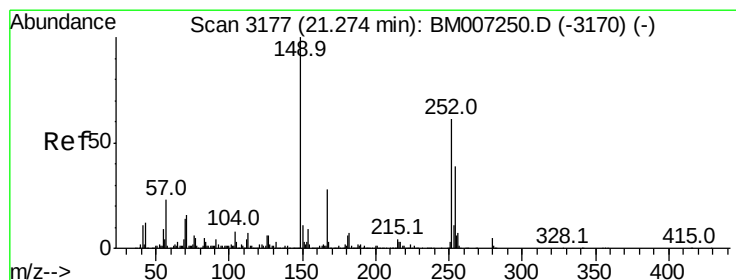
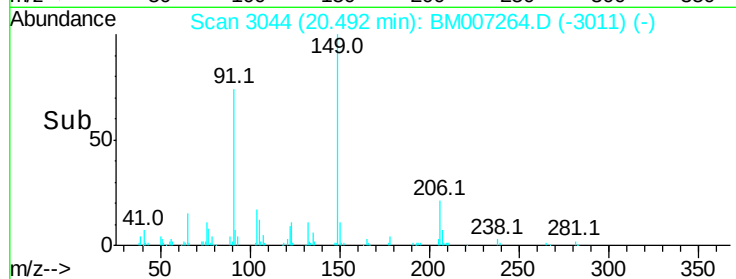
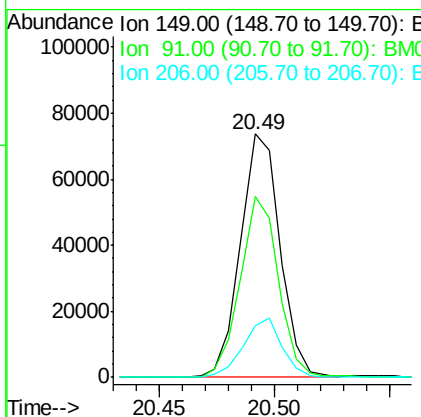
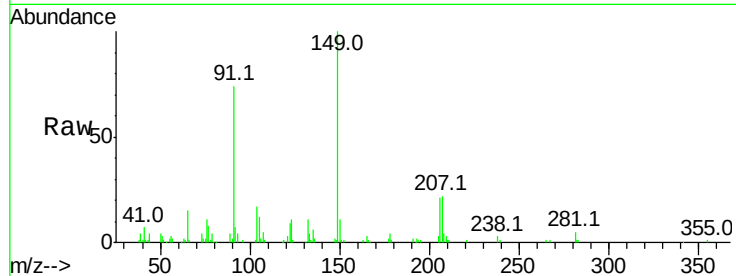
#78
 Butylbenzylphthalate
 Concen: 1.58 ng/ul
 RT: 20.49 min Scan# 3044
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.1	57.3	85.9	
206	21.4	18.6	27.8	

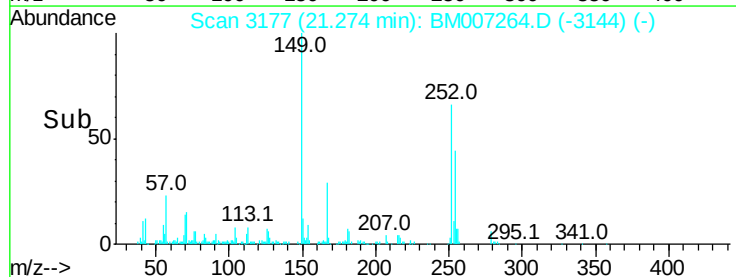
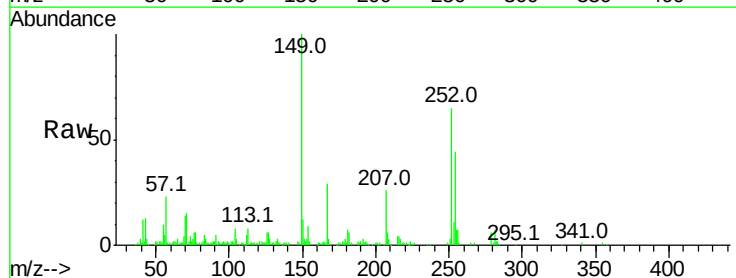
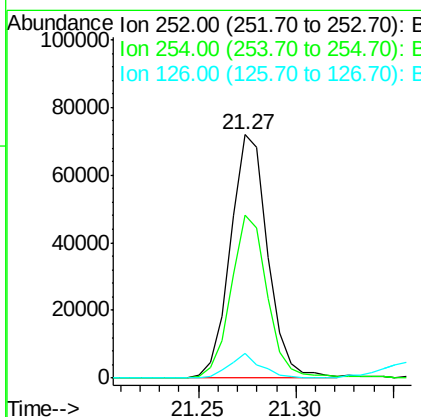
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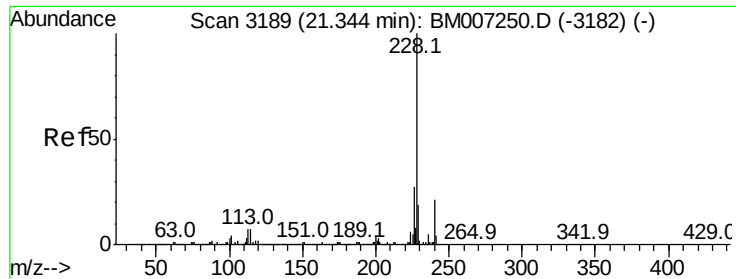
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#79
 3,3'-Dichlorobenzidine
 Concen: 1.91 ng/ul
 RT: 21.27 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	66.7	51.0	76.4	
126	9.9	7.1	10.7	





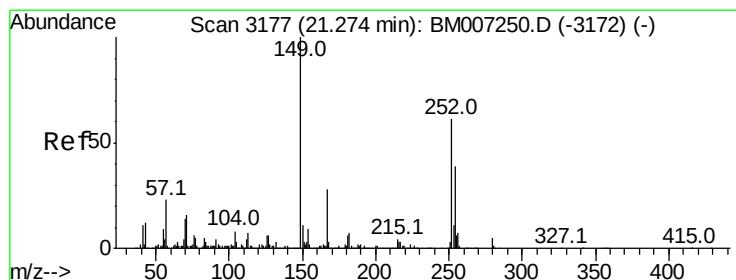
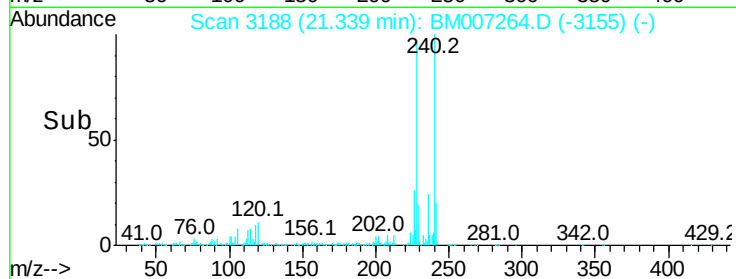
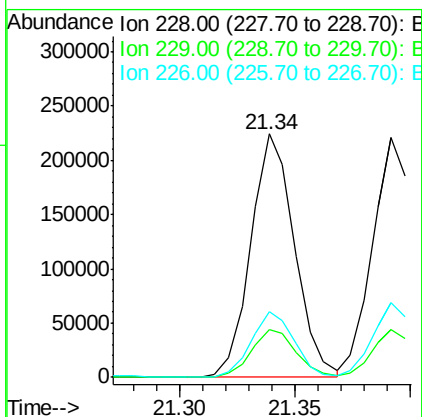
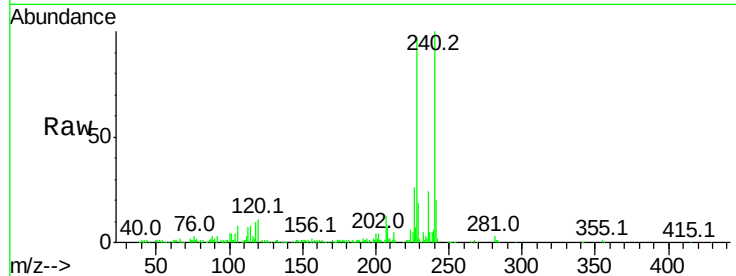
#80
Benzo(a)anthracene
Concen: 2.00 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.1	21.8	32.8

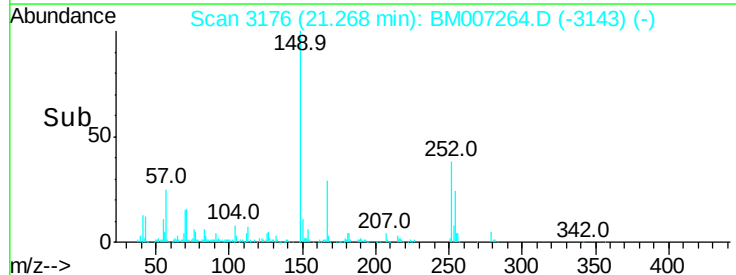
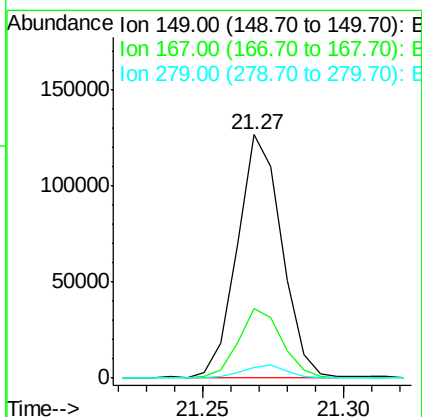
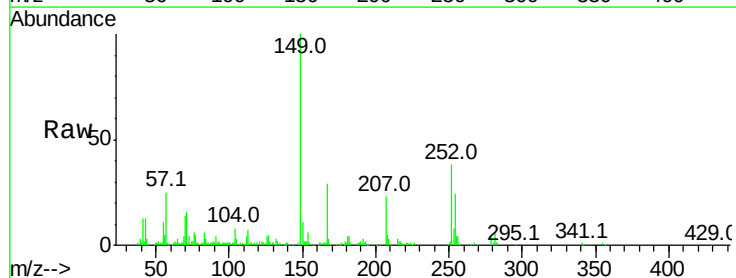
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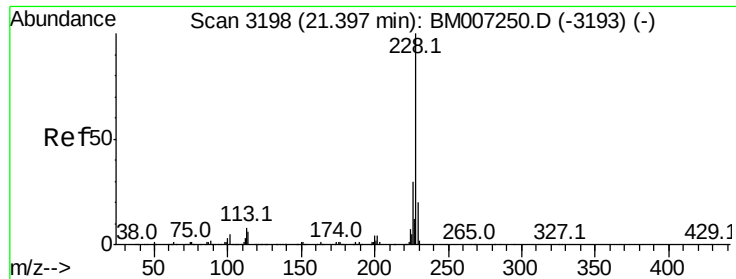
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.69 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.2	34.8
279	4.5	4.1	6.1





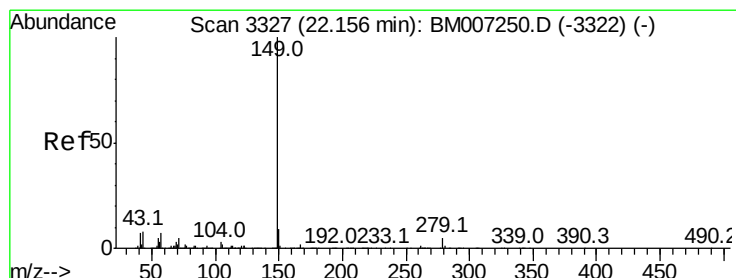
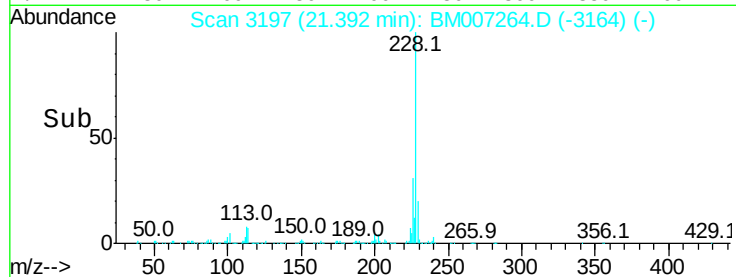
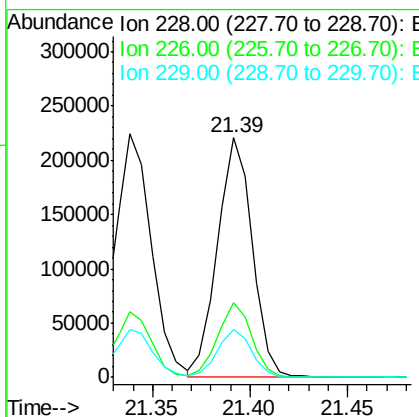
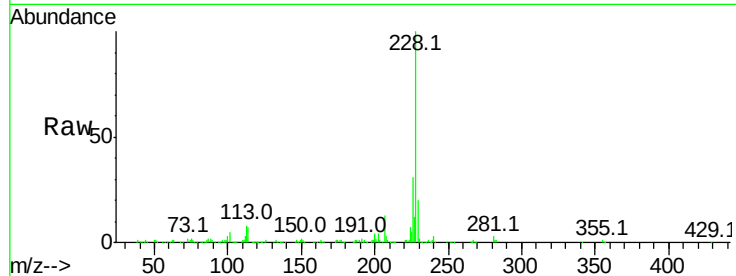
#82
 Chrysene
 Concen: 2.03 ng/ul
 RT: 21.39 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
228	100	272146		
226	31.3		23.4	35.2
229	19.9		15.5	23.3

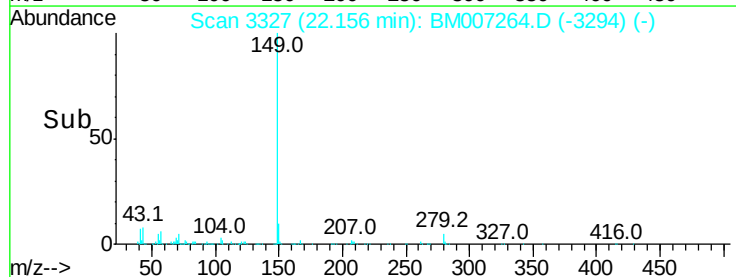
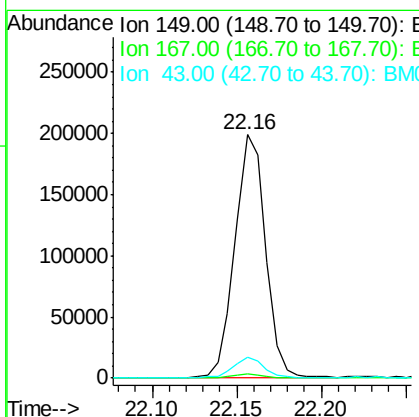
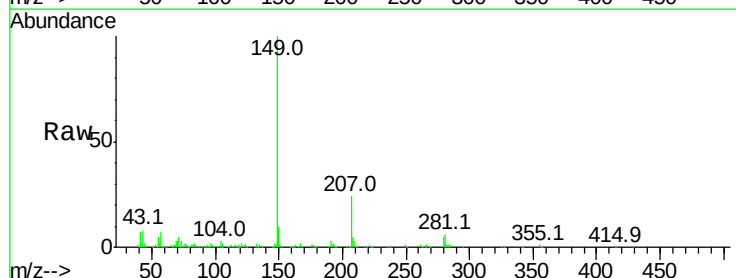
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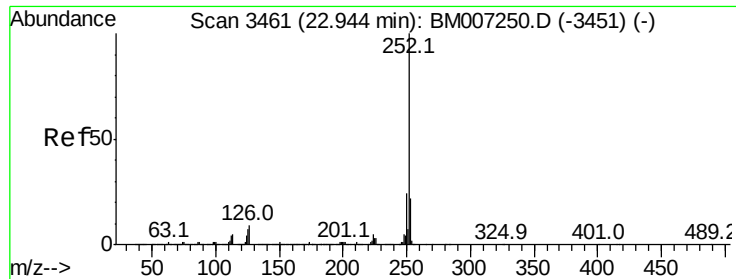
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#84
 Di-n-octyl phthalate
 Concen: 1.75 ng/ul
 RT: 22.16 min Scan# 3327
 Delta R.T. -0.01 min
 Lab File: BM007264.D
 Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	249459		
167	2.0		1.3	1.9#
43	8.3		6.6	10.0





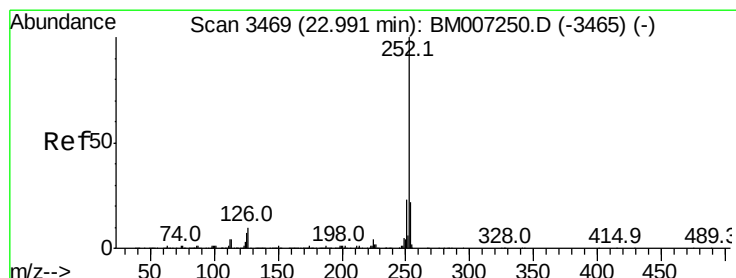
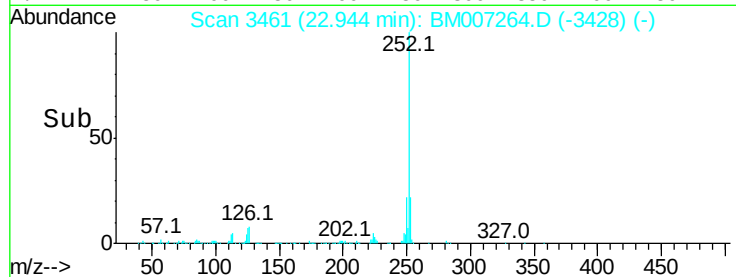
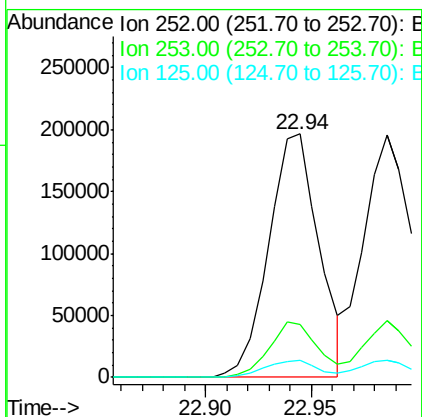
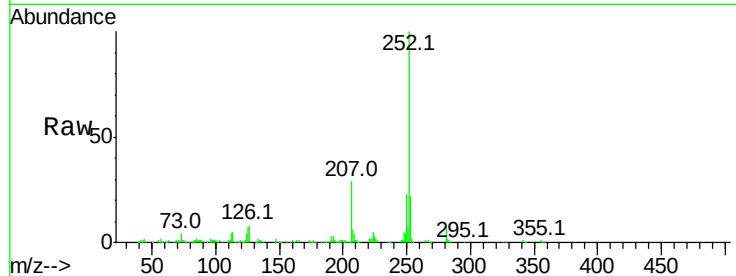
#85
Benzo(b)fluoranthene
Concen: 1.92 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampled :
MDL-02-S-ML

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	6.9	5.8	8.8

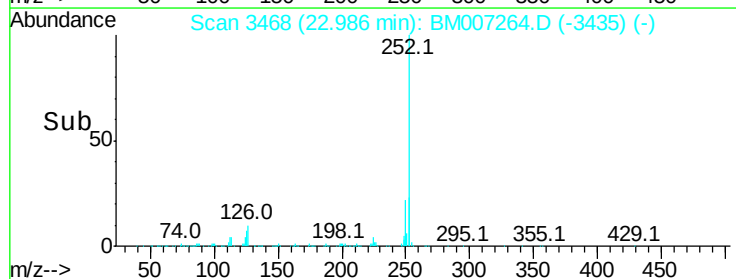
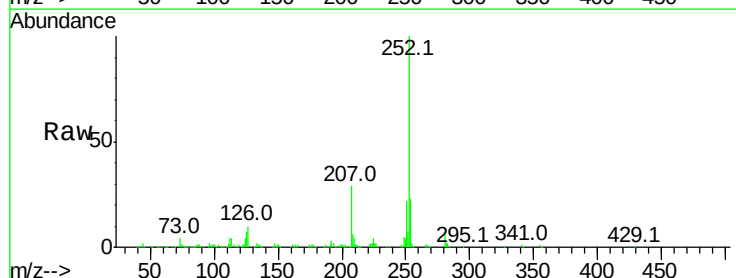
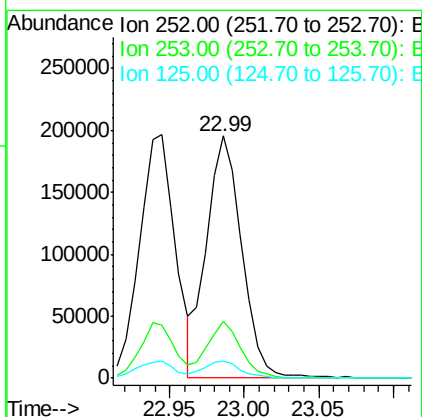
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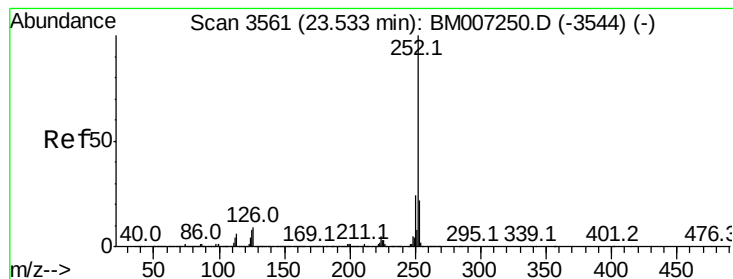
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#86
Benzo(k)fluoranthene
Concen: 2.05 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	6.8	5.7	8.5





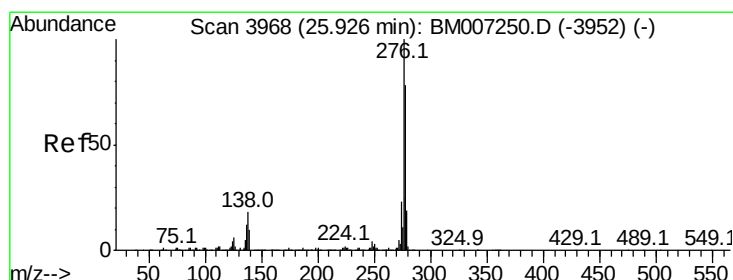
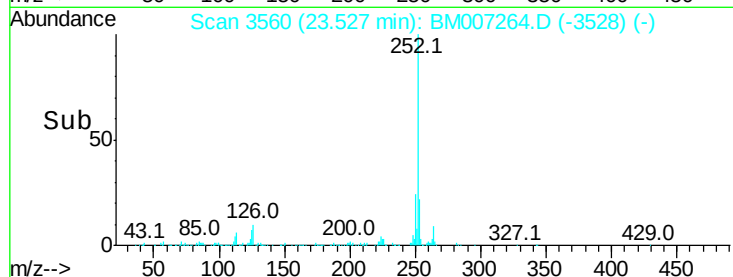
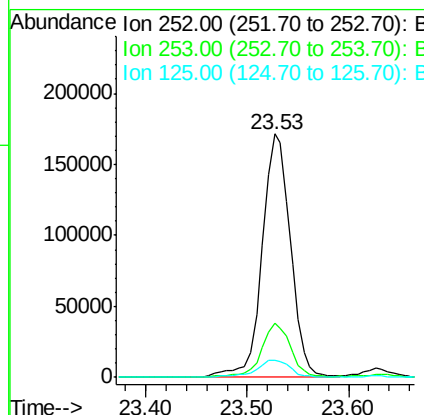
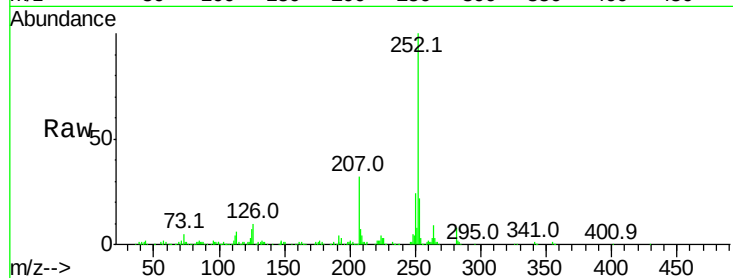
#88
Benzo(a)pyrene
Concen: 2.06 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.9	6.6	9.8

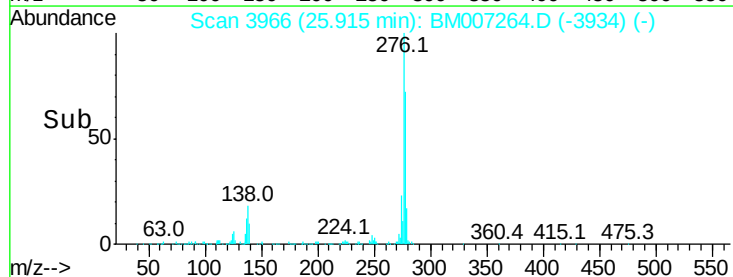
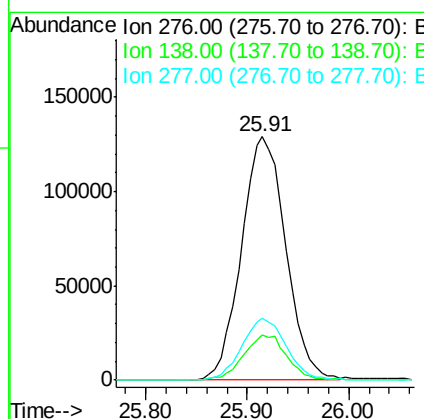
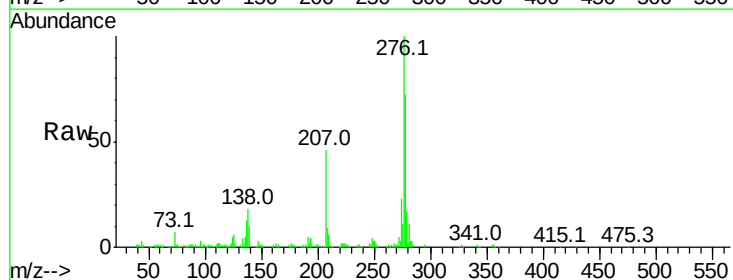
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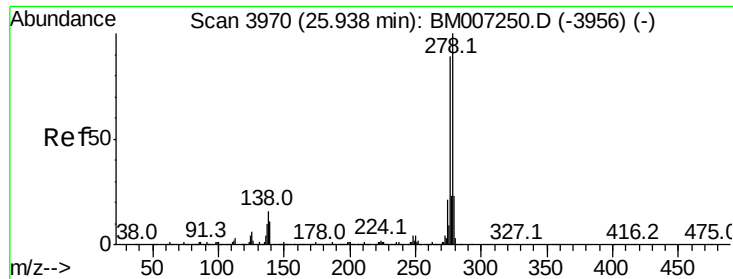
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.97 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.3	13.9	20.9
277	25.2	20.1	30.1





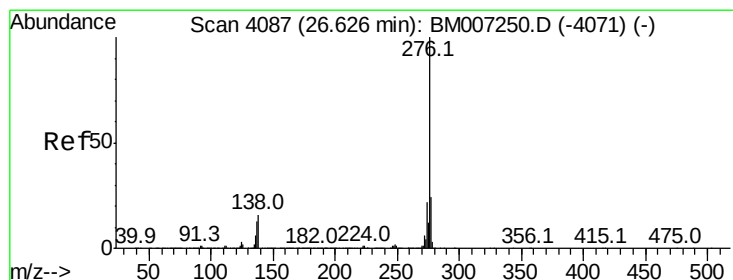
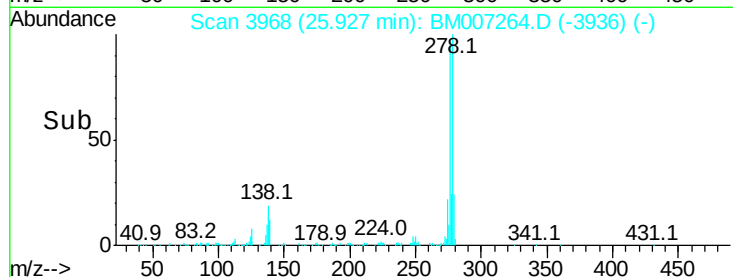
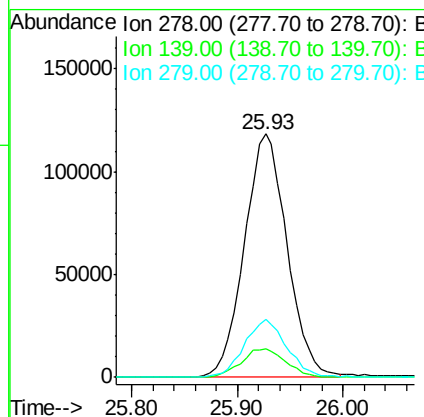
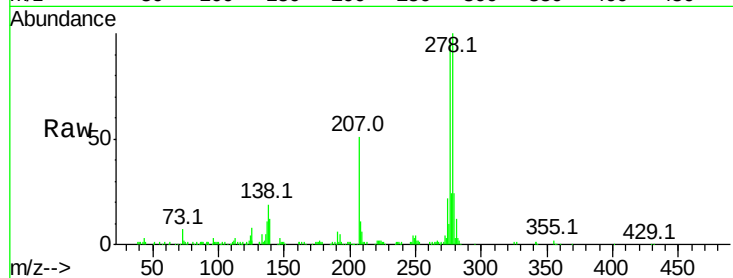
#90
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tot Ion:	278	Resp:	332119
Ion Ratio	Lower	Upper	
278	100		
139	12.0	9.5	14.3
279	23.8	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 1.95 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007264.D
Acq: 23 Aug 2016 22:17

Tgt Ion:	276	Resp:	329233
Ion Ratio	Lower	Upper	
276	100		
138	14.7	13.5	20.3
277	24.1	19.3	28.9

