

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007258.D
 Acq On : 23 Aug 2016 18:38
 Operator : UM/SJ
 Sample : MDL-05-S
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Manual Integrations
 APPROVED

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 8/24/2016 4:15:14 PM

Quant Time: Aug 23 19:10:17 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	168558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	842845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	626329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1730588	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2559445	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2867775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8979	2.72	ng/uL	0.00
5) Phenol-d5	6.97	99	361549	22.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	219108	26.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	287609	24.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	324270	23.35	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	155960	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	186627	25.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	332586	23.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	476460	26.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1442465	26.70	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1590309	25.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	255505	25.05	ng/ul	0.00
57) Fluorene-d10	15.43	176	1217524	26.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	251783	23.14	ng/ul	0.00
70) Anthracene-d10	17.27	188	2096471	25.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	2656223	24.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3384212	25.62	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	2829m	0.77	ng/ul
4) Benzaldehyde	6.95	77	23053	2.54	ng/ul
6) Phenol	6.99	94	31175	1.89	ng/ul
8) Bis(2-Chloroethyl)ether	7.23	93	25596	2.22	ng/ul
10) 2-Chlorophenol	7.37	128	23397	1.94	ng/ul
11) 2-Methylphenol	8.24	108	24395	1.89	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.33	45	27592	2.13	ng/ul#
14) Acetophenone	8.62	105	45628	2.14	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	23779	2.10	ng/ul
16) 4-Methylphenol	8.56	108	28157	1.94	ng/ul
17) Hexachloroethane	8.87	117	10507	2.24	ng/ul
20) Nitrobenzene	9.00	77	33780	2.13	ng/ul
21) Isophorone	9.52	82	69488	2.15	ng/ul
23) 2-Nitrophenol	9.70	139	16876	2.15	ng/ul#
24) 2,4-Dimethylphenol	9.76	107	35236	2.03	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	36771	2.02	ng/ul
27) 2,4-Dichlorophenol	10.23	162	29128	2.04	ng/ul#
28) Naphthalene	10.64	128	90949	2.17	ng/ul
30) 4-Chloroaniline	10.75	127	39641	2.15	ng/ul
31) Hexachlorobutadiene	10.92	225	21788	2.26	ng/ul
32) Caprolactam	11.53	113	11767	2.04	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	33932	1.92	ng/ul
34) 2-Methylnaphthalene	12.25	142	72771	2.12	ng/ul

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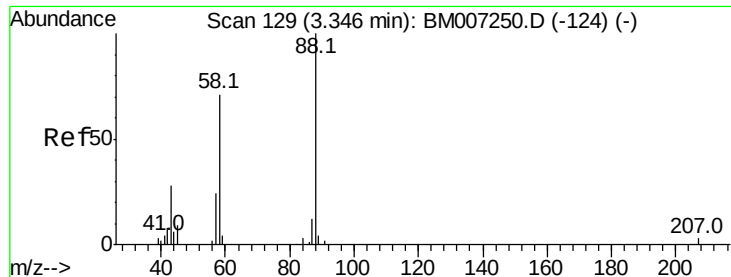
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	42918	2.06	ng/ul	94
37) Hexachlorocyclopentadiene	12.60	237	19852	1.58	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	27757	1.88	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	29004	1.89	ng/ul	92
40) 1,1'-Biphenyl	13.26	154	102619	2.11	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	79479	2.09	ng/ul	94
42) 2-Nitroaniline	13.52	65	22988	1.85	ng/ul	99
44) Dimethylphthalate	13.89	163	120641	2.24	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	20384	1.85	ng/ul	94
47) Acenaphthylene	14.15	152	140326	2.18	ng/ul	99
48) 3-Nitroaniline	14.34	138	21826	1.94	ng/ul	99
49) Acenaphthene	14.50	153	89731	2.14	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	9759	1.31	ng/ul	93
52) 4-Nitrophenol	14.64	109	24007	2.21	ng/ul	96
53) Dibenzofuran	14.83	168	135763	2.16	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	34047	2.02	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	29652	1.88	ng/ul#	94
56) Diethylphthalate	15.26	149	124918	2.23	ng/ul	100
58) Fluorene	15.48	166	118893	2.30	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	61720	2.28	ng/ul	97
60) 4-Nitroaniline	15.50	138	25332	1.99	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	24403	2.10	ng/ul#	47
64) N-Nitrosodiphenylamine	15.69	169	104340	2.16	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	40774	2.09	ng/ul	99
66) Hexachlorobenzene	16.49	284	50031	2.29	ng/ul	98
67) Atrazine	16.64	200	42859	2.10	ng/ul	99
68) Pentachlorophenol	16.83	266	23267	1.65	ng/ul	99
69) Phenanthrene	17.22	178	206610	2.22	ng/ul	99
71) Anthracene	17.31	178	210271	2.19	ng/ul	98
72) Carbazole	17.58	167	184970	2.22	ng/ul	97
73) Di-n-butylphthalate	18.14	149	217019	2.07	ng/ul	99
74) Fluoranthene	19.23	202	276903	2.37	ng/ul	97
77) Pyrene	19.60	202	298319	2.17	ng/ul	97
78) Butylbenzylphthalate	20.49	149	104261	1.82	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	113170	2.23	ng/ul	100
80) Benzo(a)anthracene	21.34	228	333874	2.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	161098	1.94	ng/ul	99
82) Chrysene	21.39	228	306090	2.24	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	290694	2.04	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	370840	2.19	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	353989	2.26	ng/ul	100
88) Benzo(a)pyrene	23.53	252	369374	2.28	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	444927	2.23	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	373393	2.25	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	369556	2.19	ng/ul	97

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



#2

1,4-Dioxane

Concen: 0.77 ng/uL m

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

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Instrument :

BNA_M

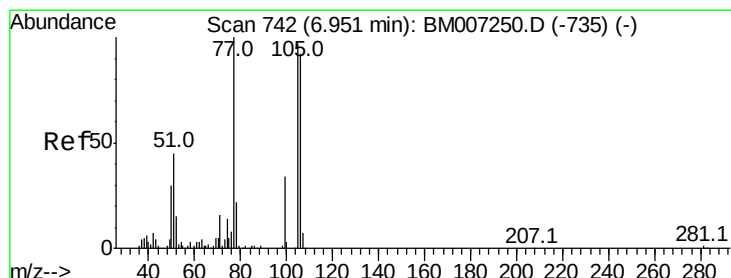
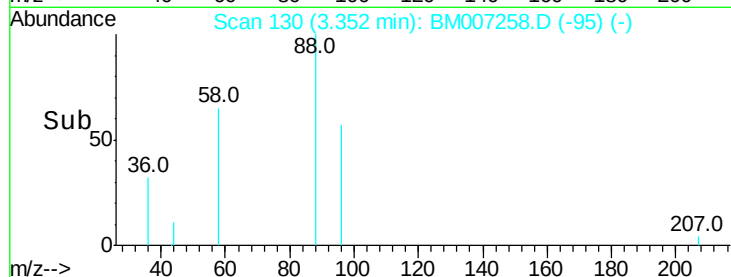
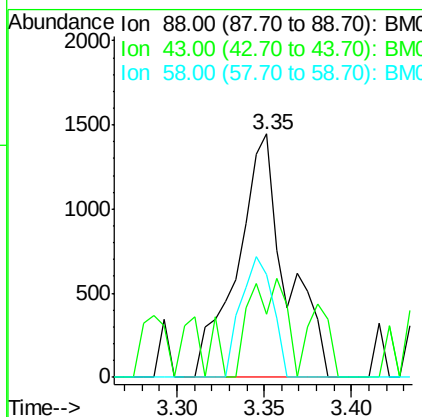
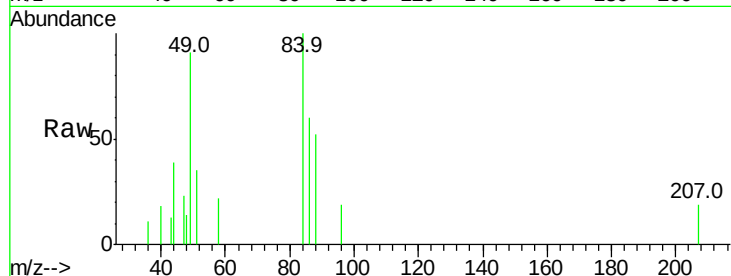
ClientSampleId :

MDL-05-S

Tot Ion:	88	Resp:	2829
Ion Ratio	Lower	Upper	
88	100		
43	12.6	22.6	34.0#
58	0.0	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.54 ng/uL

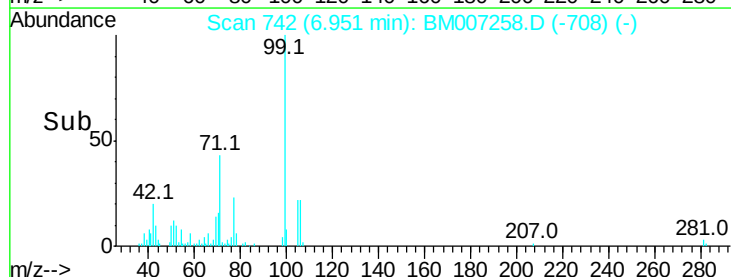
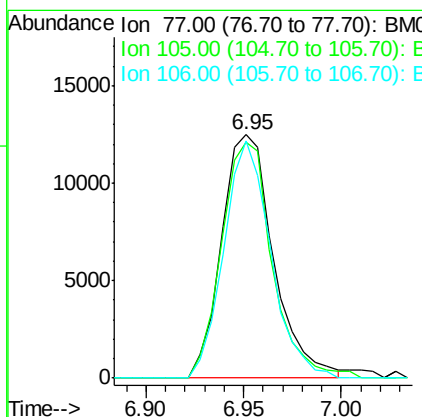
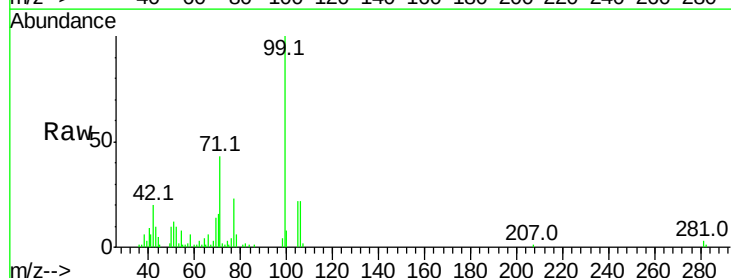
RT: 6.95 min Scan# 742

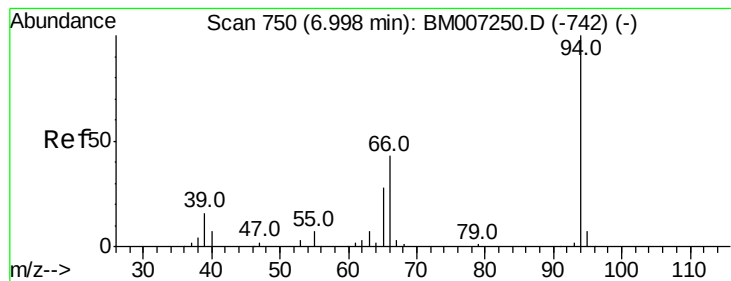
Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	77	Resp:	23053
Ion Ratio	Lower	Upper	
77	100		
105	97.1	76.9	115.3
106	97.2	71.8	107.8





#6

Phenol

Concen: 1.89 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

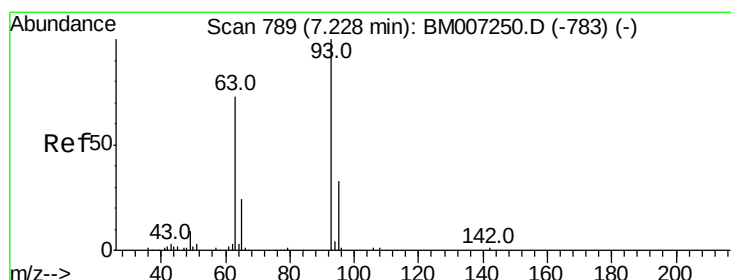
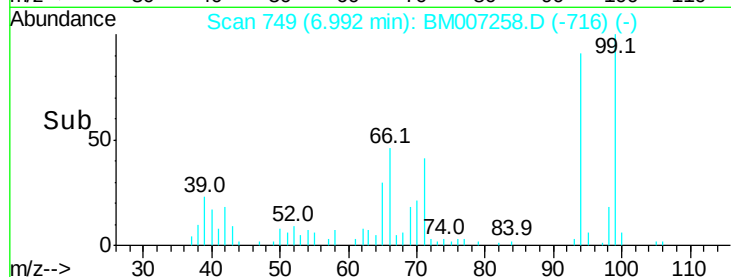
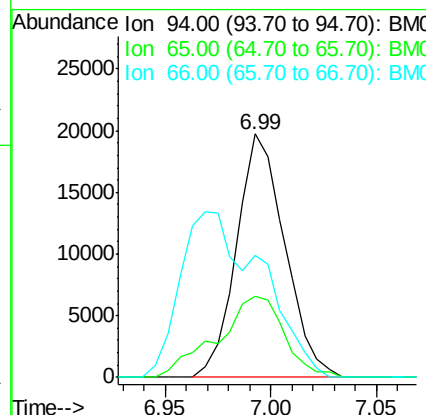
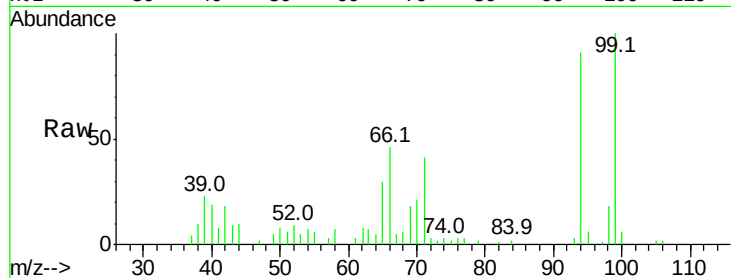
ClientSampled :

MDL-05-S

Tot Ion:	94	Resp:	31175
Ion Ratio	Lower	Upper	
94	100		
65	33.4	23.9	35.9
66	50.2	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.22 ng/ul

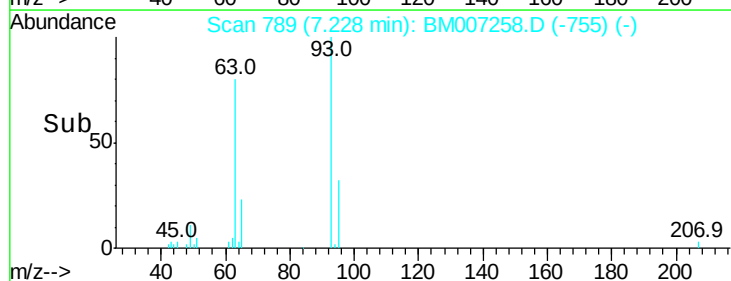
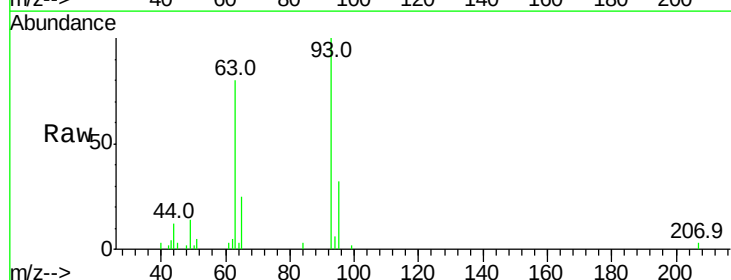
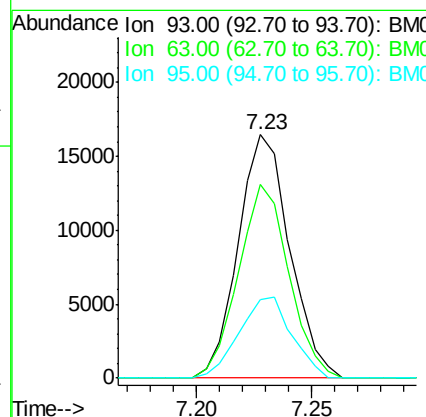
RT: 7.23 min Scan# 789

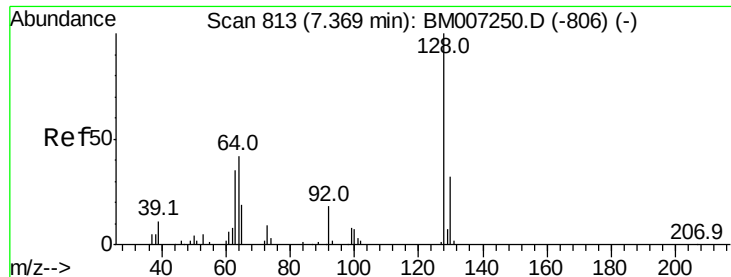
Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	93	Resp:	25596
Ion Ratio	Lower	Upper	
93	100		
63	79.5	57.3	85.9
95	32.1	25.1	37.7





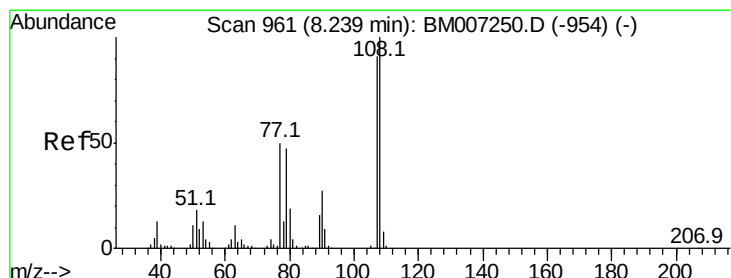
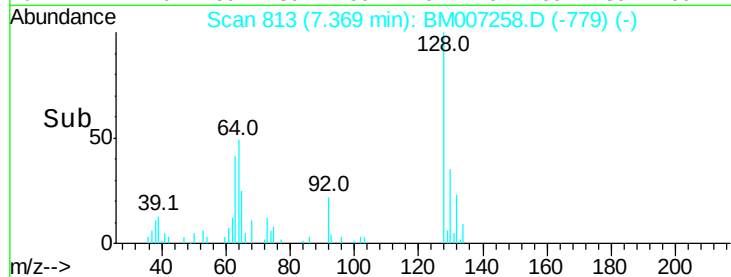
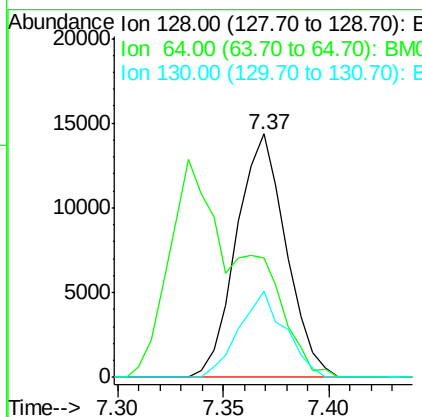
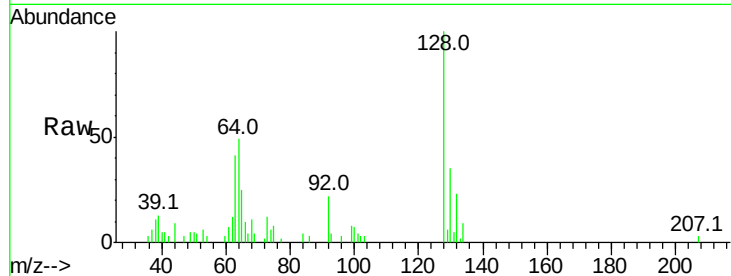
#10
2-Chlorophenol
Concen: 1.94 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
128	100		
64	48.9	37.5	56.3
130	35.2	25.0	37.4

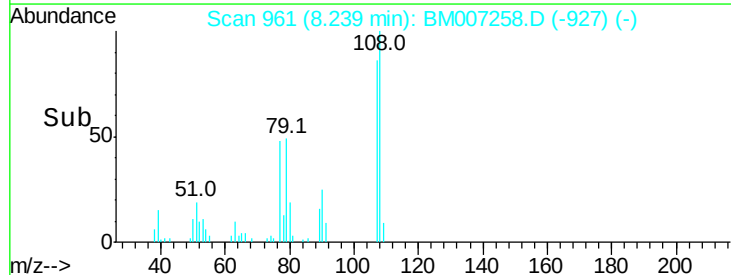
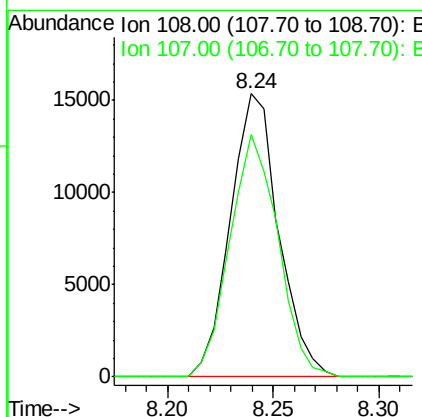
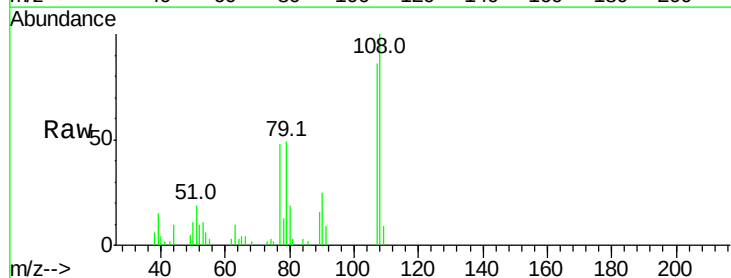
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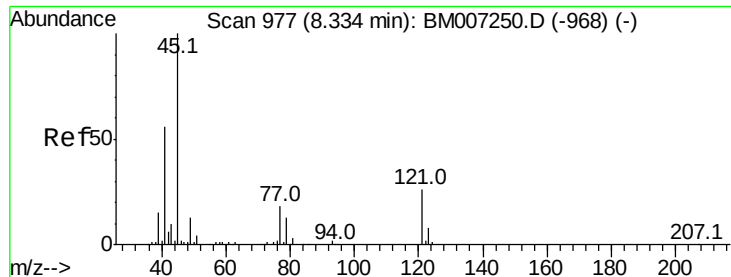
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#11
2-Methylphenol
Concen: 1.89 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
108	100		
107	85.8	71.8	107.6





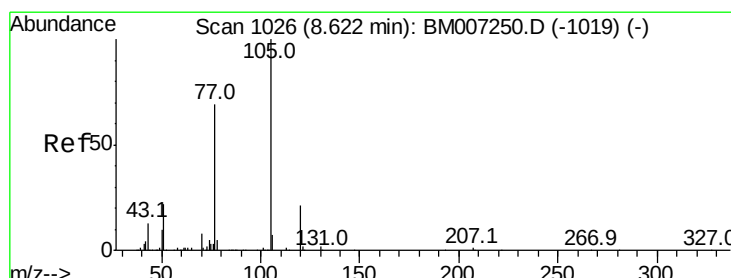
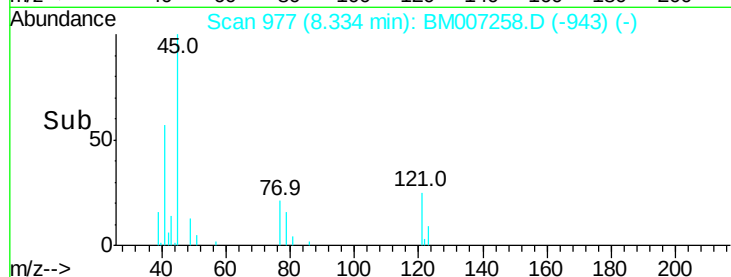
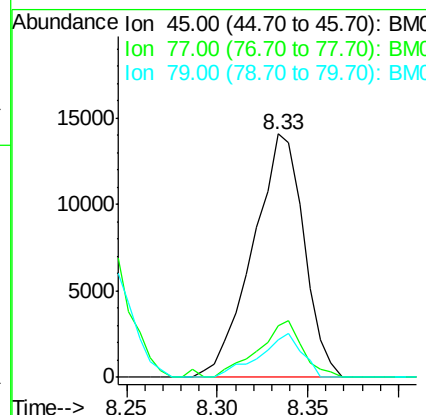
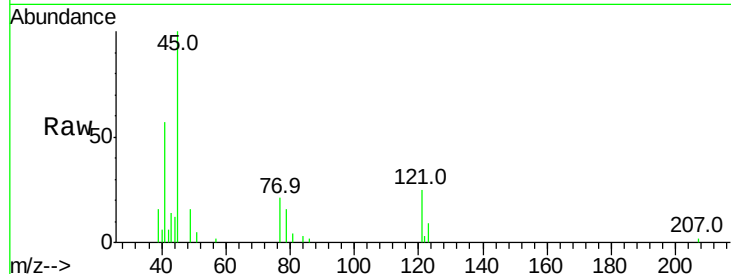
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.13 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

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

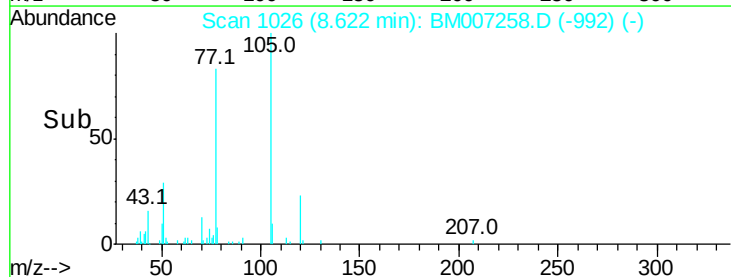
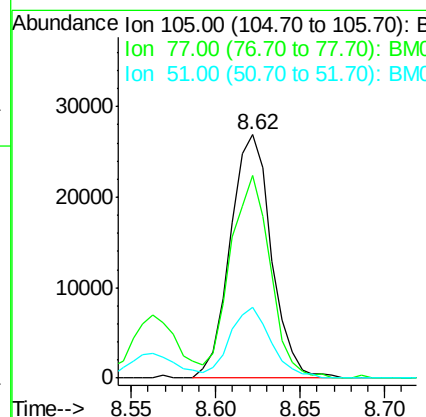
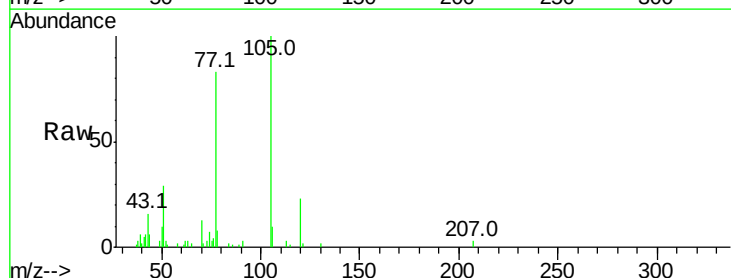
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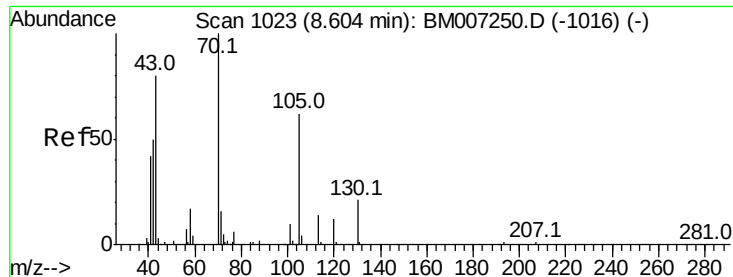
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#14
Acetophenone
Concen: 2.14 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.3	65.9	98.9
51	29.3	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.10 ng/ul

RT: 8.60 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

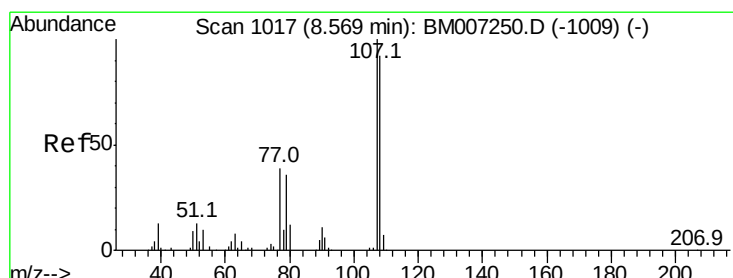
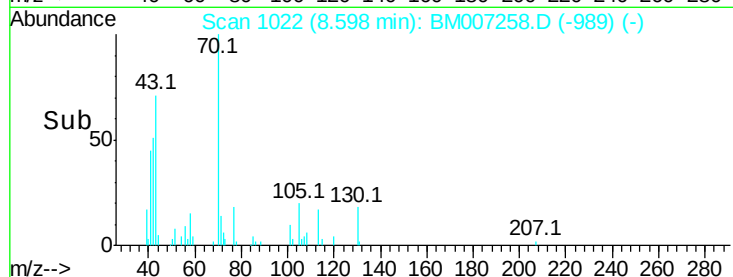
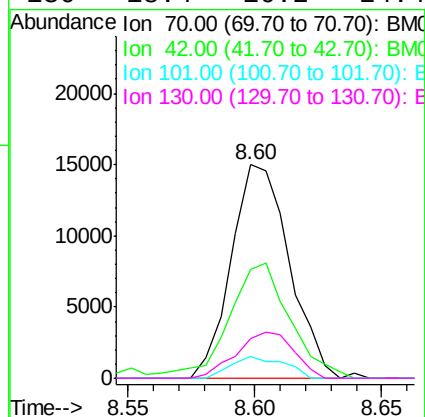
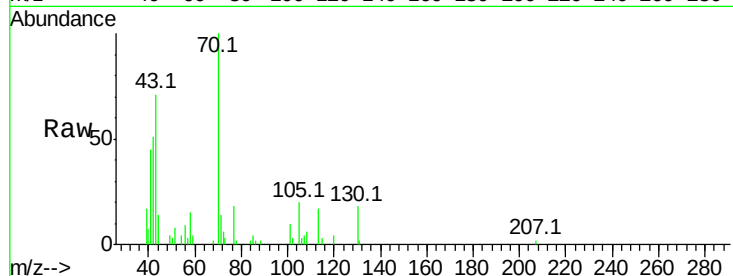
ClientSampleId :

MDL-05-S

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	43.4	65.2	
101	10.4	7.8	11.6	
130	18.4	16.2	24.4	

Manual Integrations
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#16

4-Methylphenol

Concen: 1.94 ng/ul

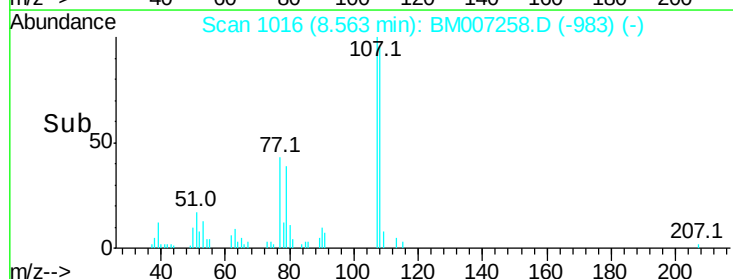
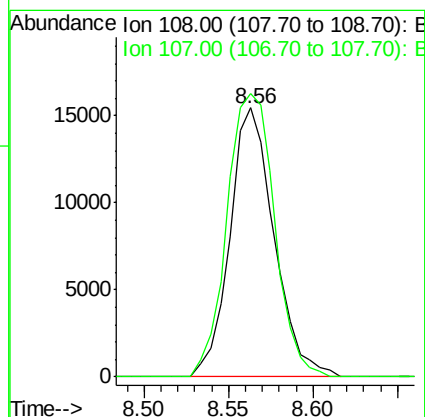
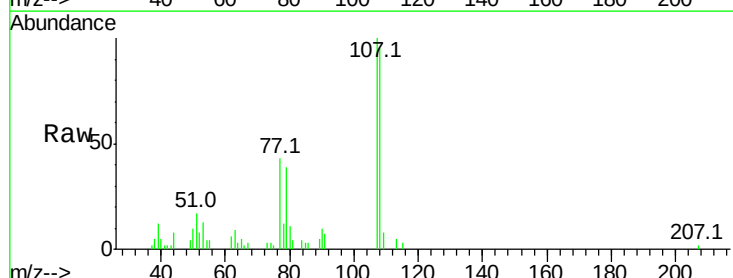
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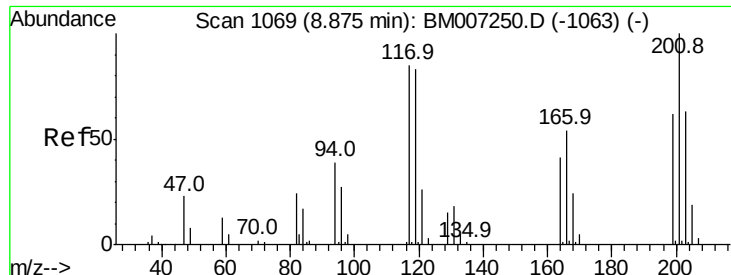
Delta R.T. -0.01 min

Lab File: BM007258.D

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Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	105.2	87.8	131.8	





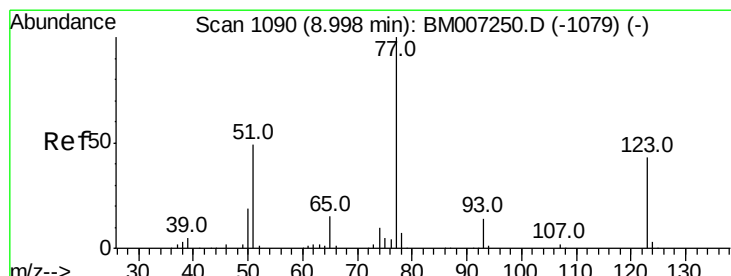
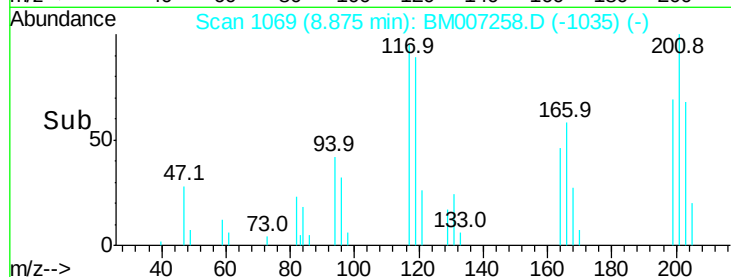
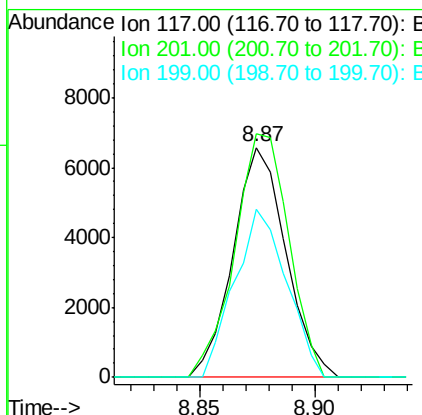
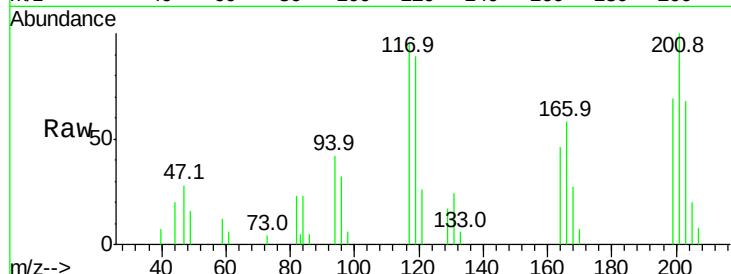
#17
 Hexachloroethane
 Concen: 2.24 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S

Tot Ion:	117	Resp:	10507
Ion Ratio	Lower	Upper	
117	100		
201	105.8	90.3	135.5
199	73.0	58.5	87.7

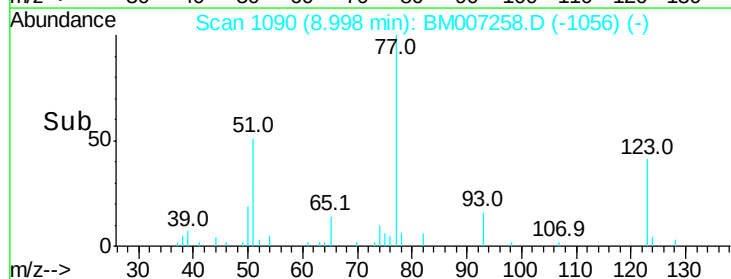
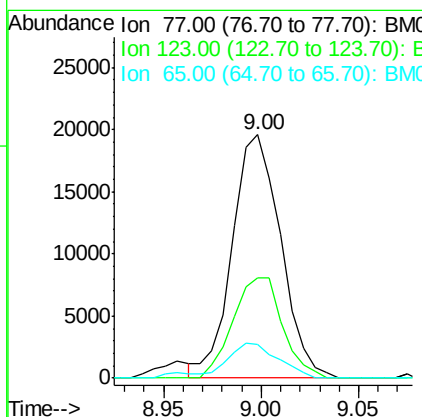
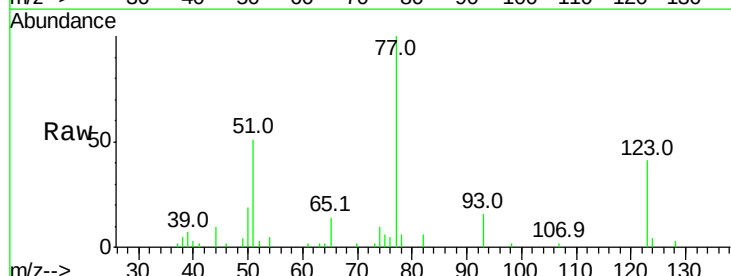
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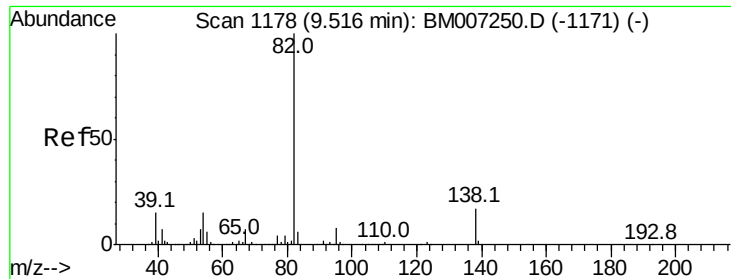
sohil
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#20
 Nitrobenzene
 Concen: 2.13 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion:	77	Resp:	33780
Ion Ratio	Lower	Upper	
77	100		
123	41.4	34.2	51.4
65	13.8	11.0	16.6





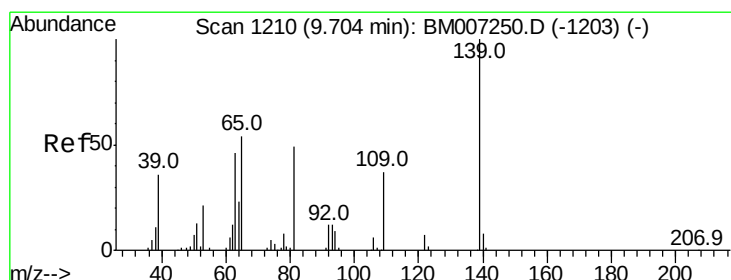
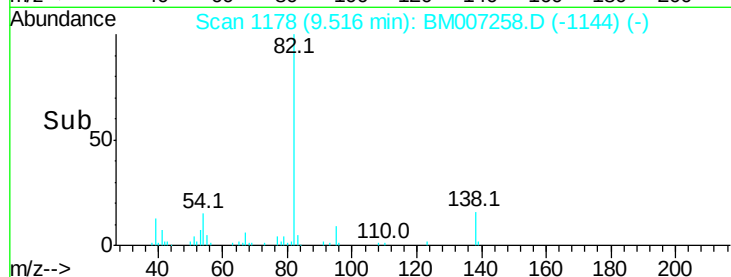
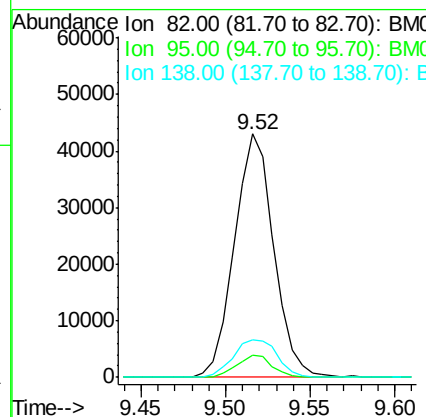
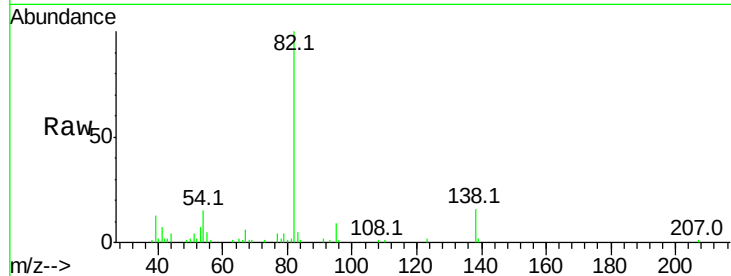
#21
Isophorone
Concen: 2.15 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	69488		
95	8.9		6.9	10.3
138	15.5		13.8	20.8

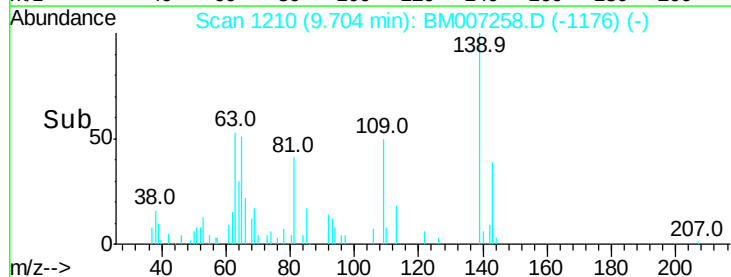
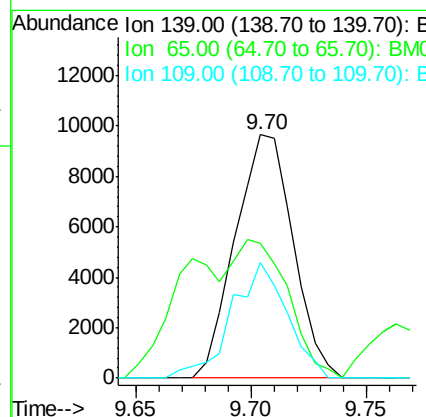
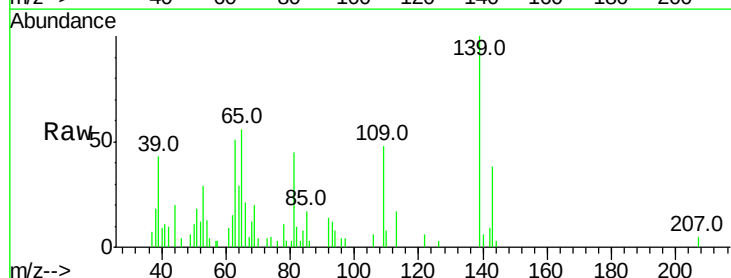
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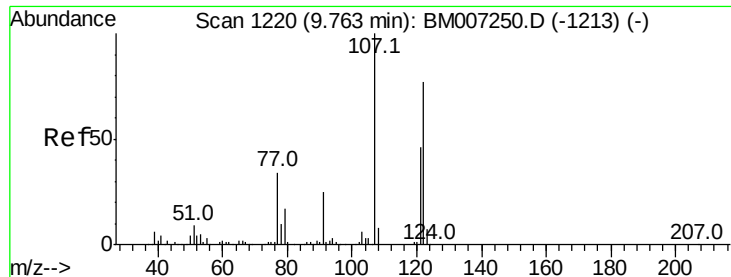
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#23
2-Nitrophenol
Concen: 2.15 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	16876		
65	55.6		44.2	66.4
109	47.6		28.2	42.4





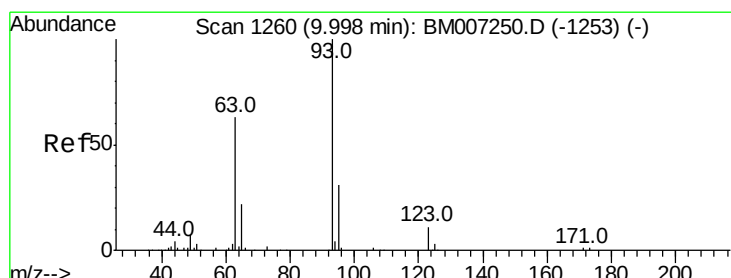
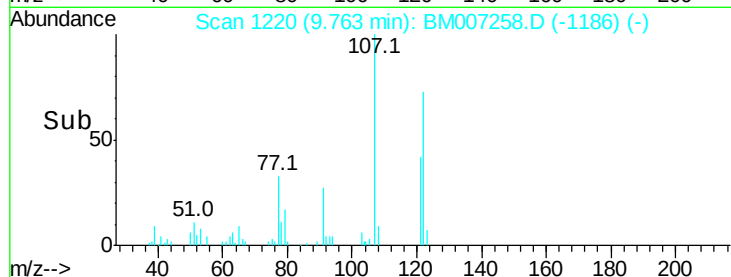
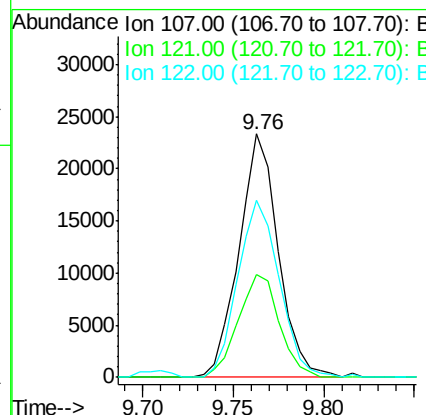
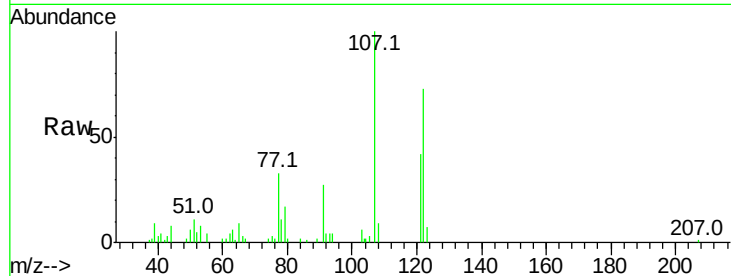
#24
 2,4-Dimethylphenol
 Concen: 2.03 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tot Ion	Ratio	Lower	Upper
107	100		
121	42.0	37.1	55.7
122	72.8	62.8	94.2

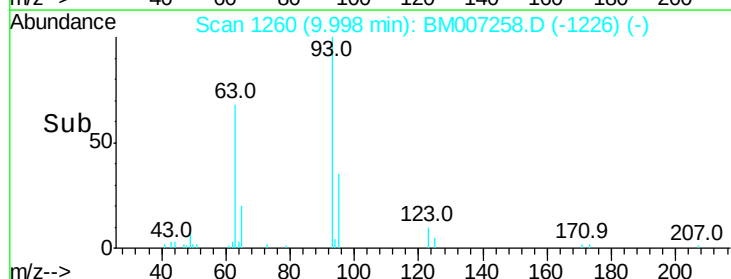
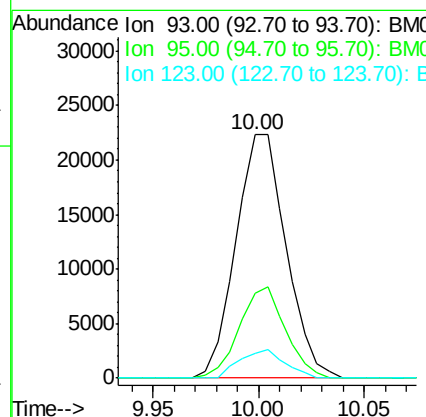
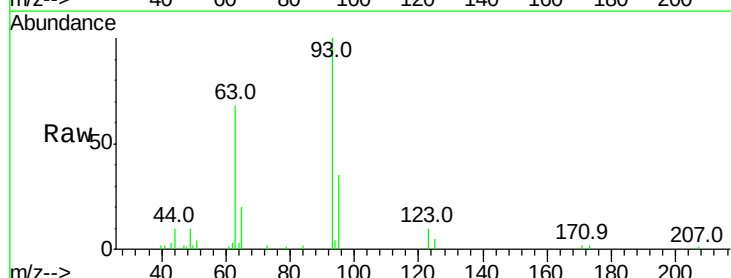
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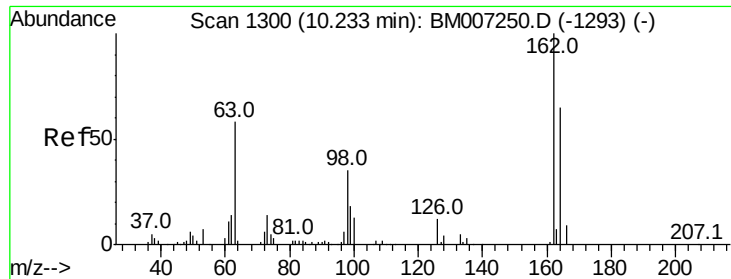
sohil
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.02 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	25.4	38.0
123	10.2	8.3	12.5





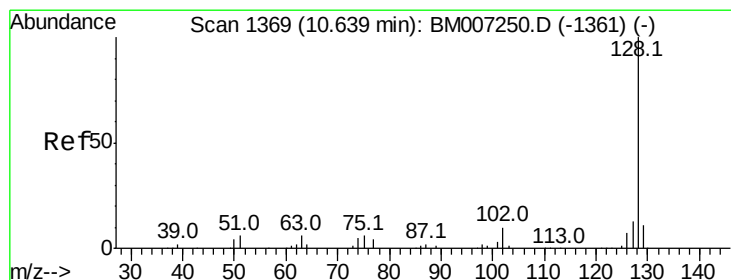
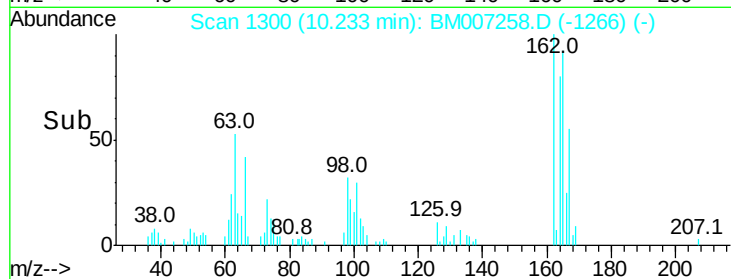
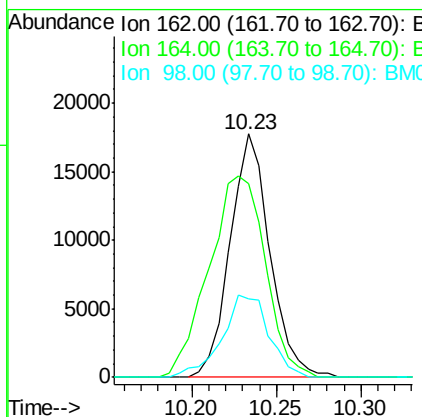
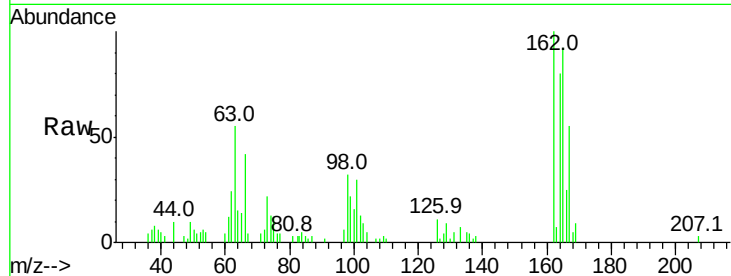
#27
2,4-Dichlorophenol
Concen: 2.04 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Resp	Lower	Upper
162	100	29128		
164	79.6	51.6	77.4#	
98	32.1	28.4	42.6	

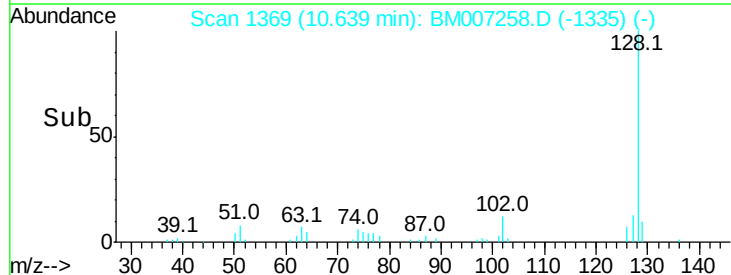
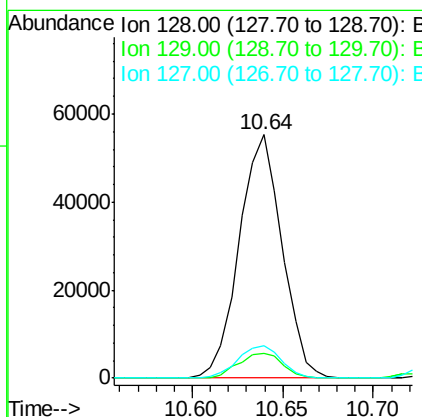
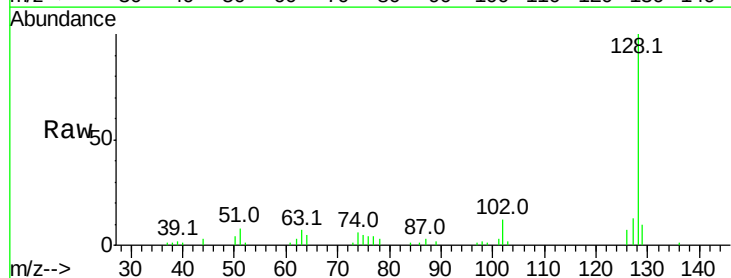
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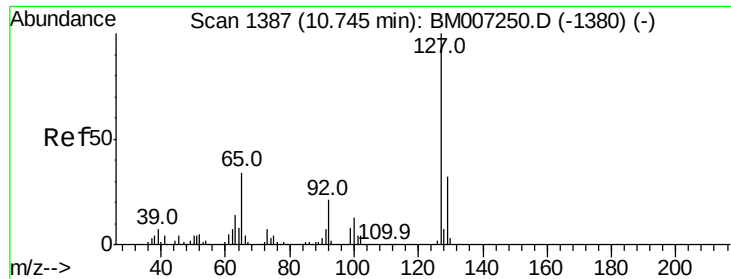
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#28
Naphthalene
Concen: 2.17 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	90949		
129	10.2	8.6	12.8	
127	13.2	10.6	15.8	





#30

4-Chloroaniline

Concen: 2.15 ng/ul

RT: 10.75 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

ClientSampled :

MDL-05-S

Tot Ion:127 Resp: 39641

Ion Ratio Lower Upper

127 100

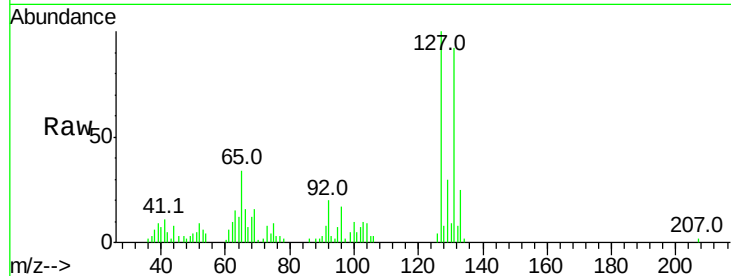
129 29.9 24.6 37.0

Manual Integrations

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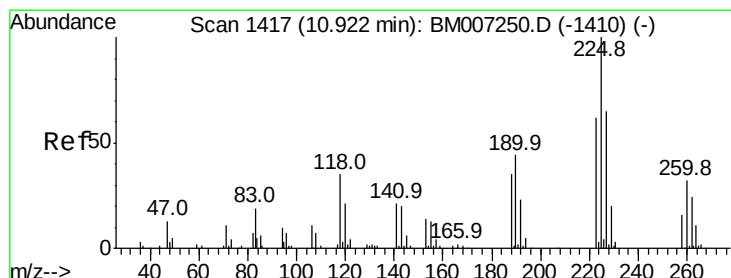
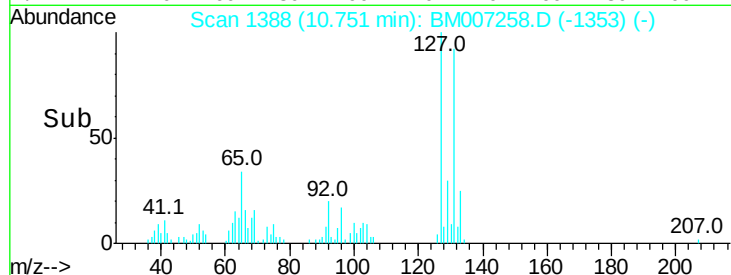
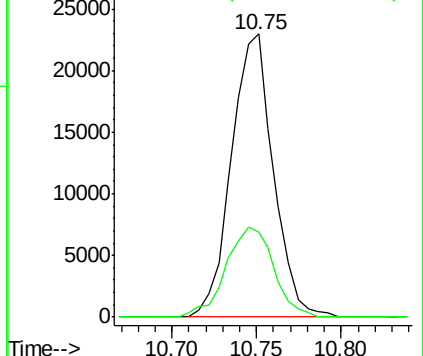
sohil

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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: 2.26 ng/ul

RT: 10.92 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

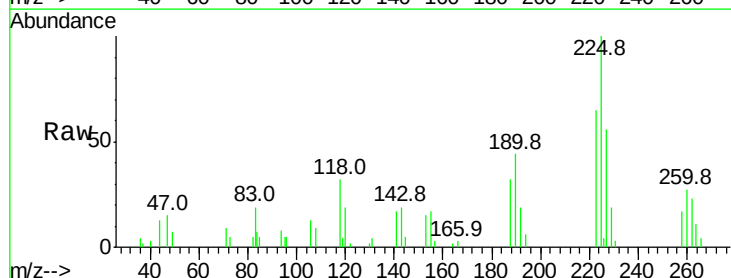
Tgt Ion:225 Resp: 21788

Ion Ratio Lower Upper

225 100

223 64.9 51.2 76.8

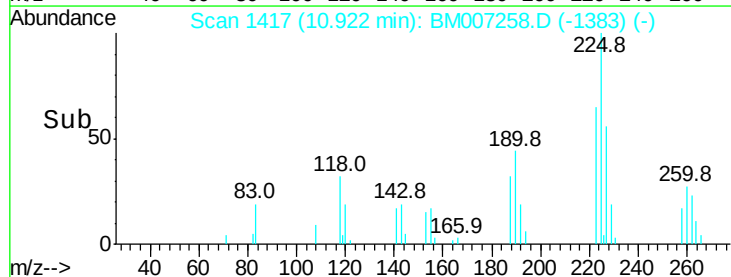
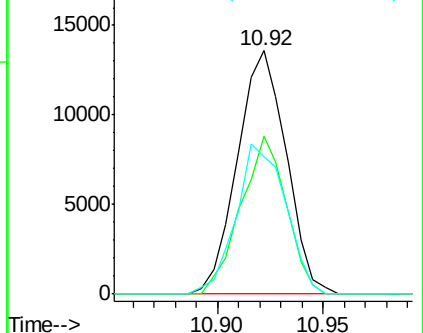
227 56.2 52.5 78.7

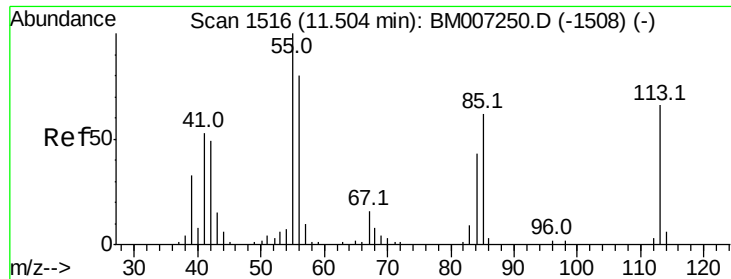


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.04 ng/ul

RT: 11.53 min Scan# 1521

Delta R.T. 0.03 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

ClientSampled :

MDL-05-S

Tot Ion:113 Resp: 11767

Ion Ratio Lower Upper

113 100

55 145.8 121.9 182.9

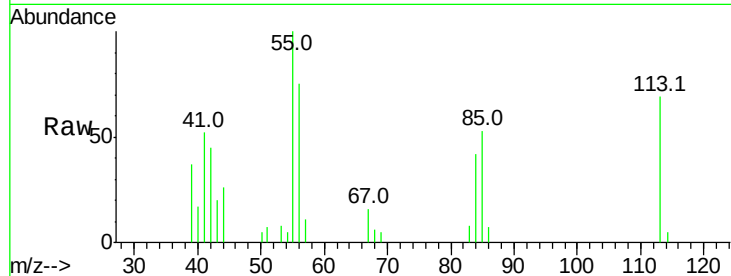
56 108.7 97.4 146.0

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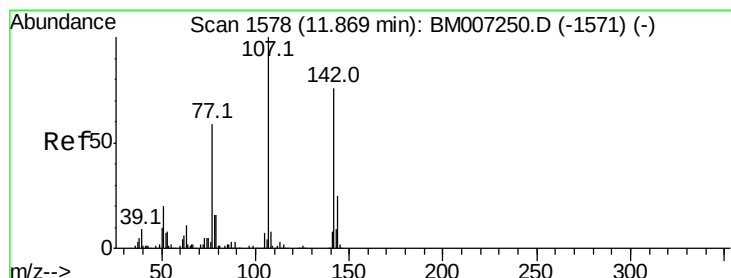
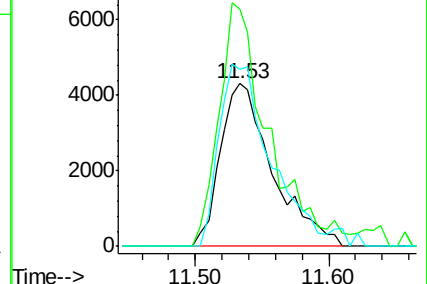
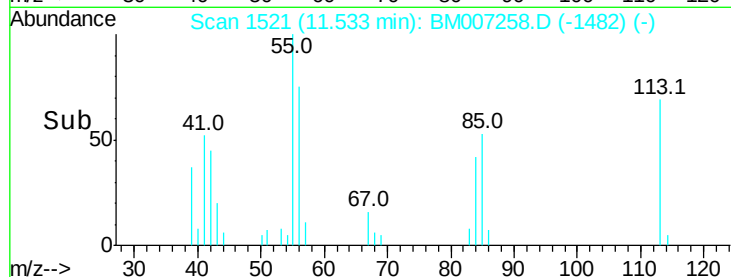
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1.92 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

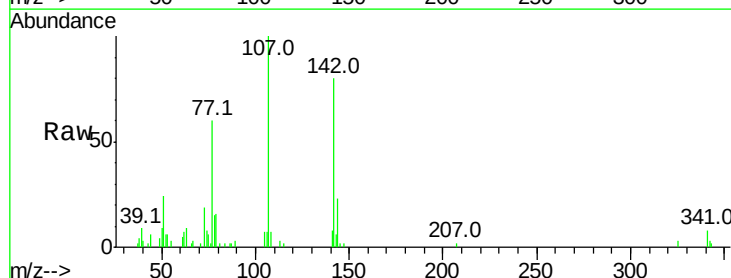
Tgt Ion:107 Resp: 33932

Ion Ratio Lower Upper

107 100

144 22.9 21.1 31.7

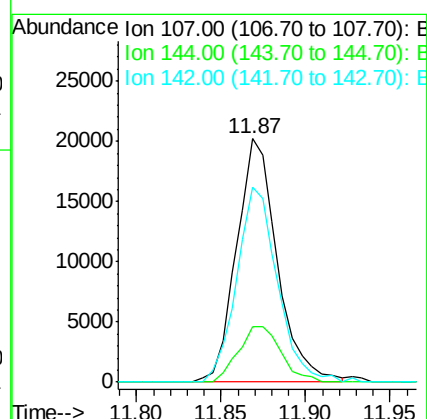
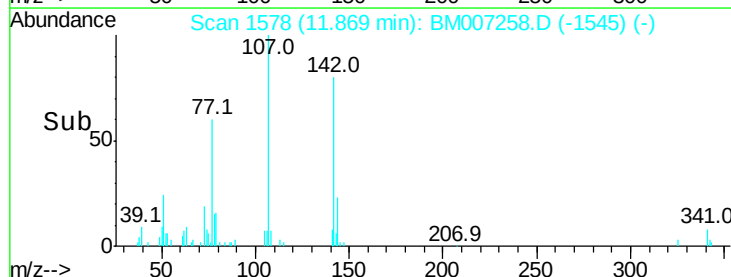
142 80.2 64.1 96.1

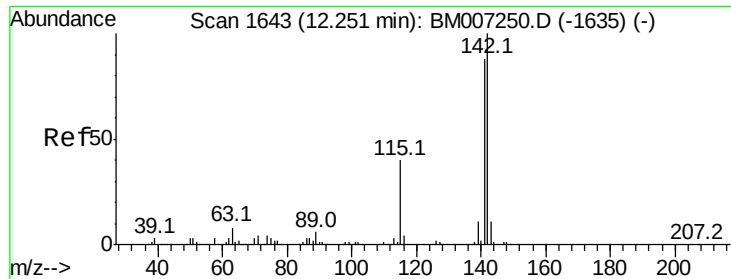


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





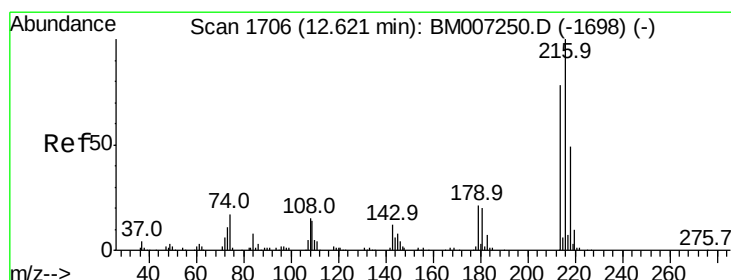
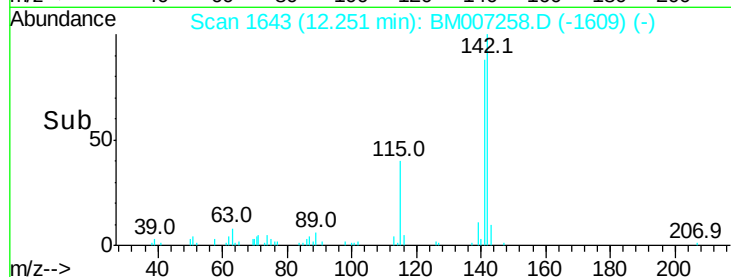
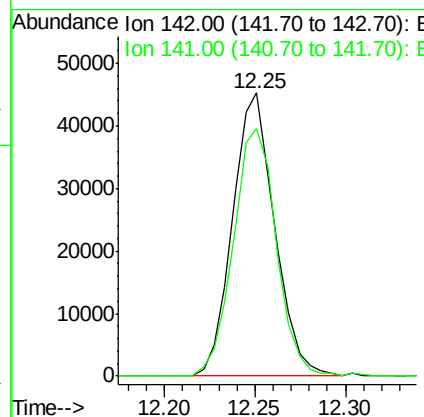
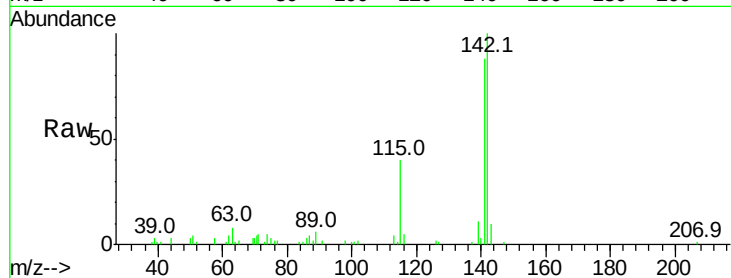
#34
 2-Methylnaphthalene
 Concen: 2.12 ng/ul
 RT: 12.25 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S

Tot Ion:142 Resp: 72771
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.3 106.9

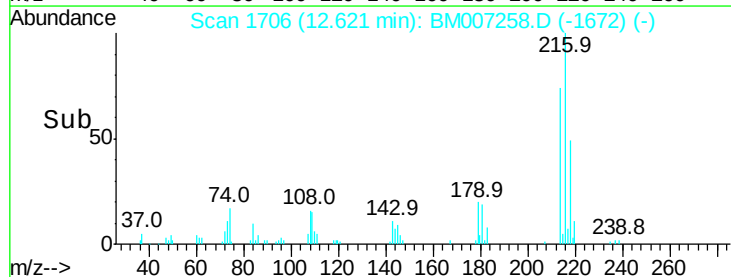
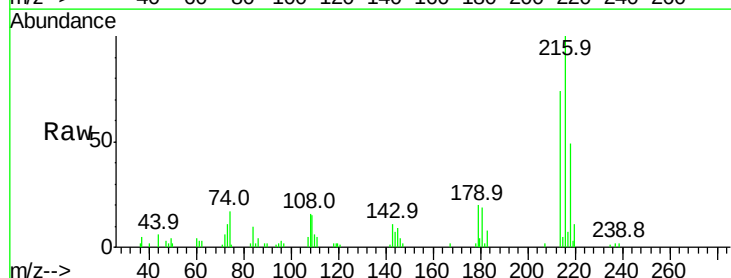
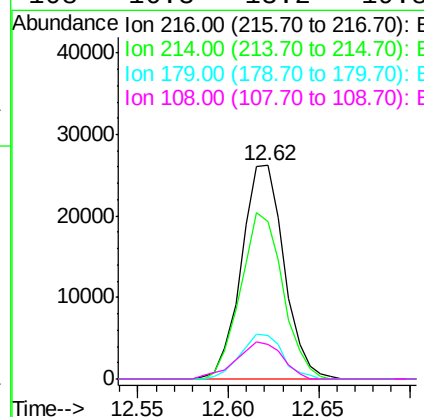
Manual Integrations
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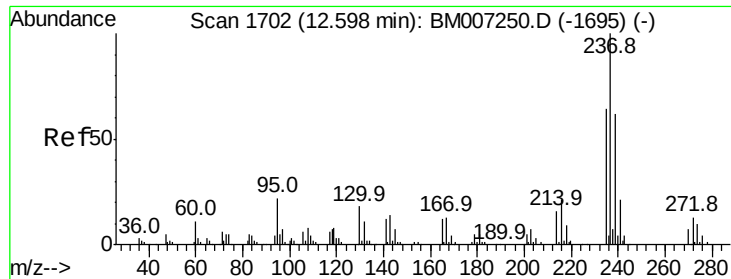
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.06 ng/ul
 RT: 12.62 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion:216 Resp: 42918
 Ion Ratio Lower Upper
 216 100
 214 73.6 64.8 97.2
 179 20.3 16.7 25.1
 108 16.3 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 1.58 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

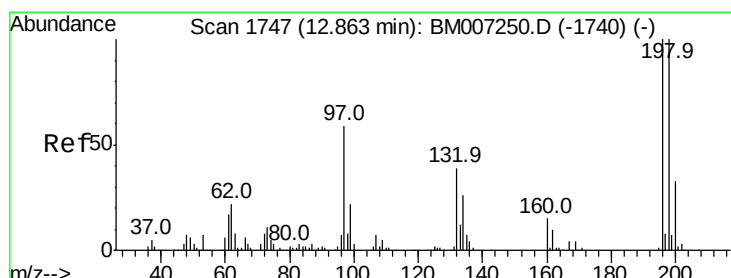
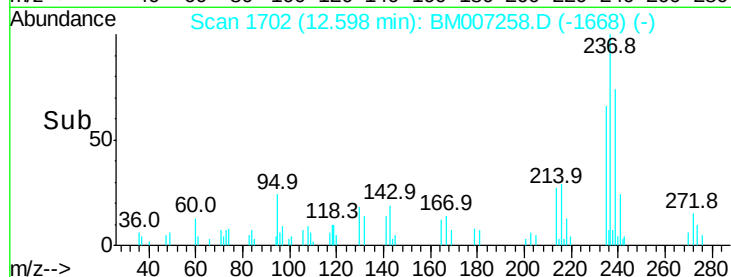
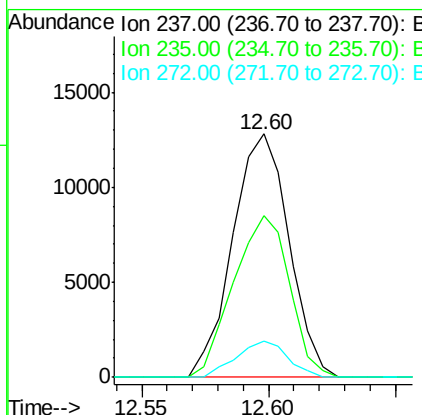
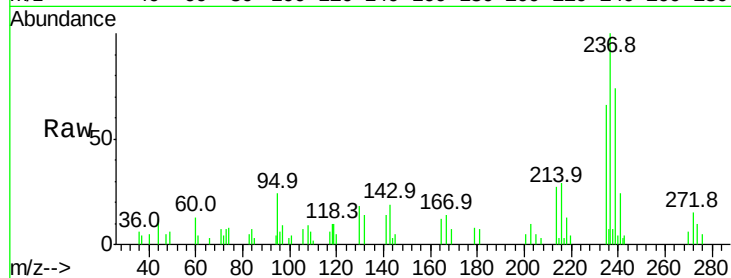
ClientSampleId :

MDL-05-S

Tot Ion:	237	Resp:	19852
Ion Ratio		Lower	Upper
237	100		
235	66.5	49.6	74.4
272	15.0	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 1.88 ng/ul

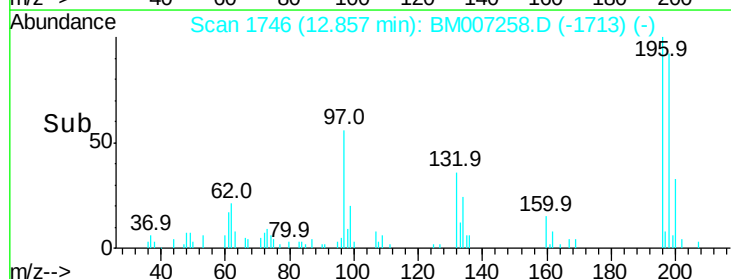
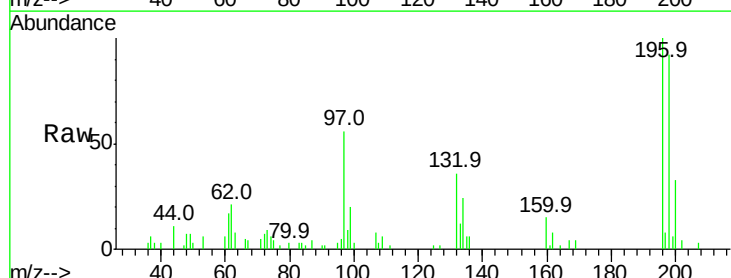
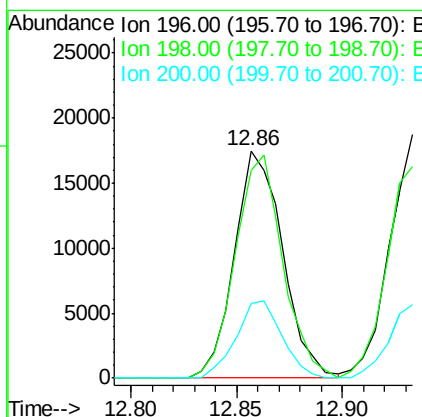
RT: 12.86 min Scan# 1746

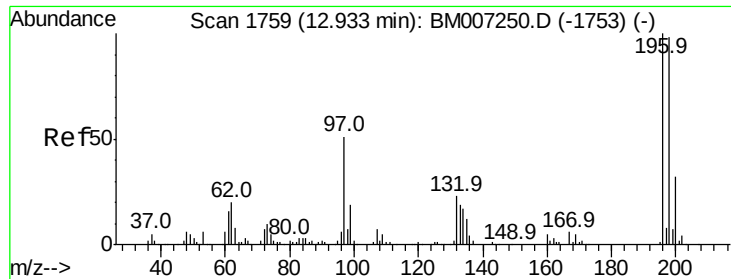
Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	196	Resp:	27757
Ion Ratio		Lower	Upper
196	100		
198	91.7	76.9	115.3
200	32.9	25.1	37.7





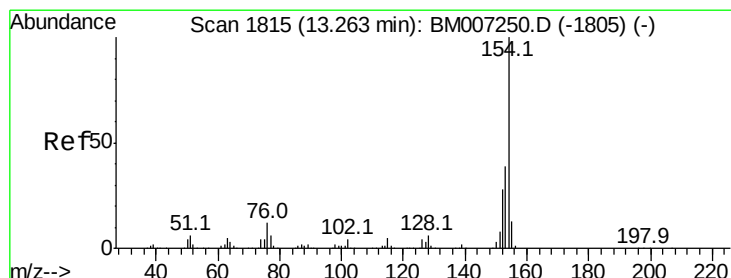
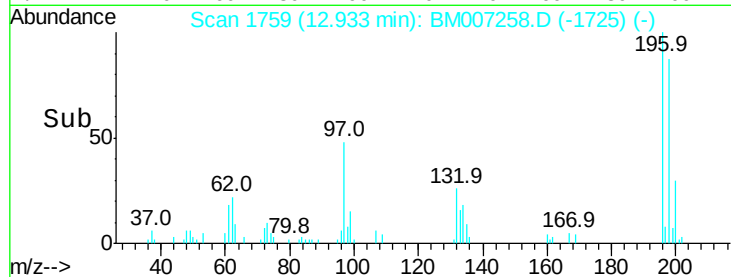
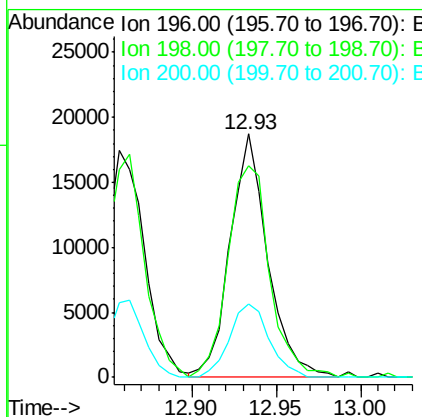
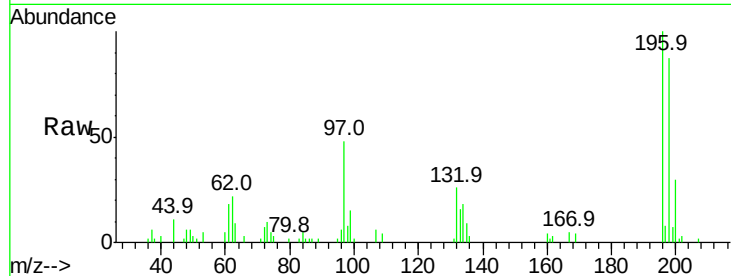
#39
 2,4,5-Trichlorophenol
 Concen: 1.89 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S

Tot Ion:	196	Resp:	29004
Ion Ratio	Lower	Upper	
196	100		
198	87.0	76.8	115.2
200	30.3	27.0	40.4

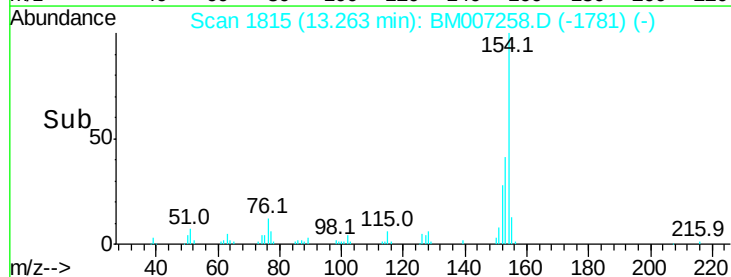
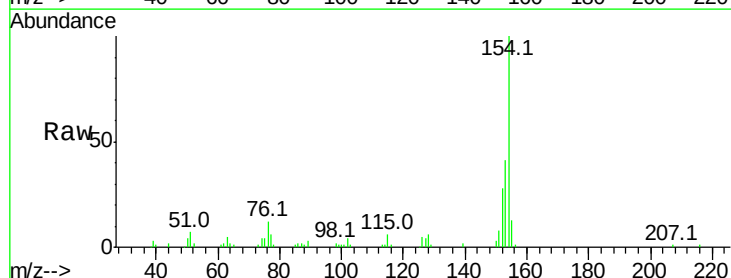
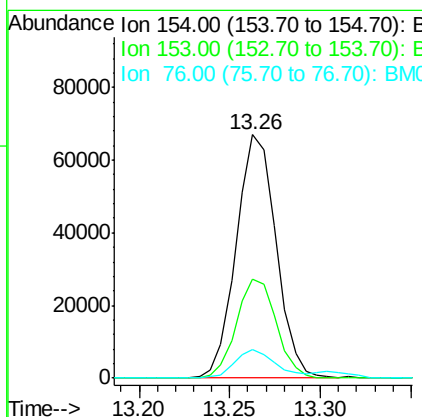
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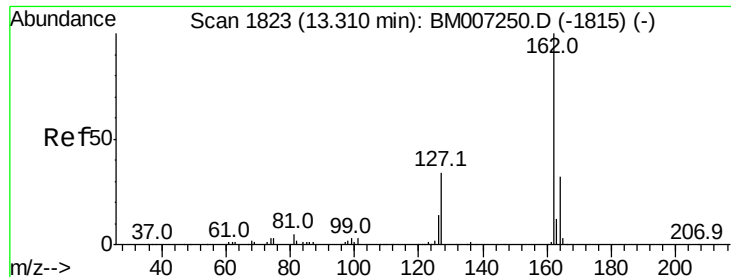
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#40
 1,1'-Biphenyl
 Concen: 2.11 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion:	154	Resp:	102619
Ion Ratio	Lower	Upper	
154	100		
153	40.6	31.3	46.9
76	11.8	10.0	15.0





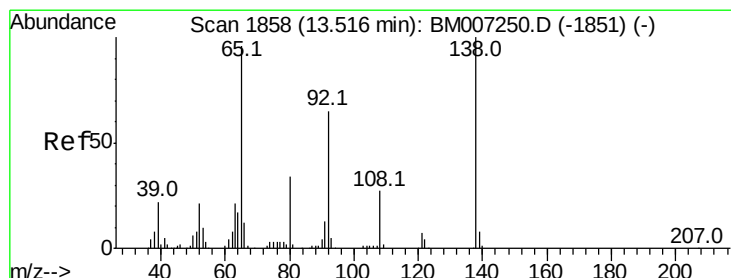
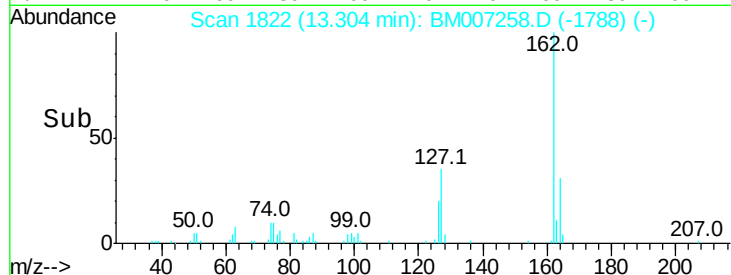
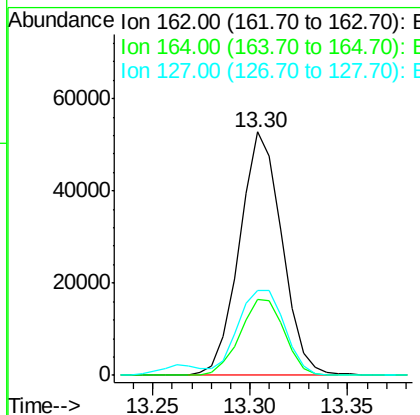
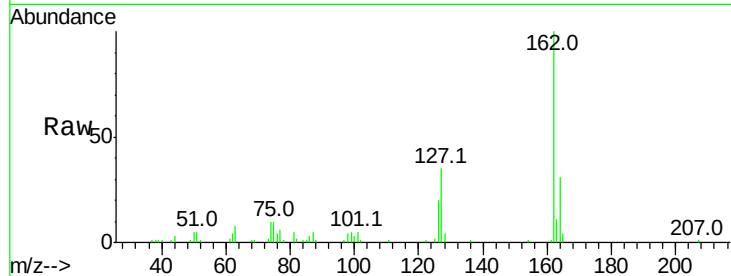
#41
 2-Chloronaphthalene
 Concen: 2.09 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.9	26.9	40.3
127	34.8	31.2	46.8

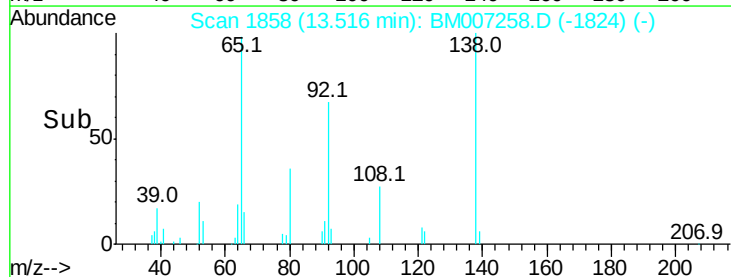
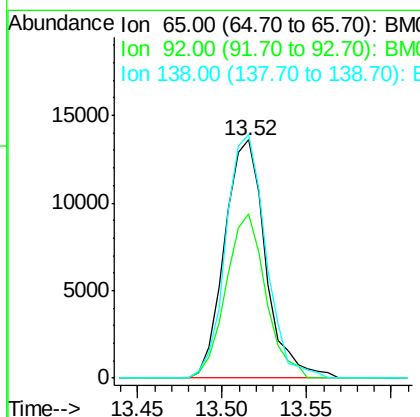
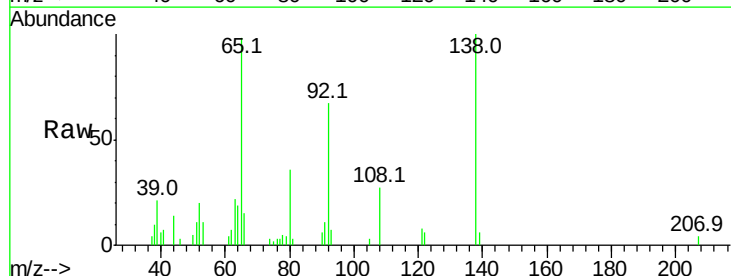
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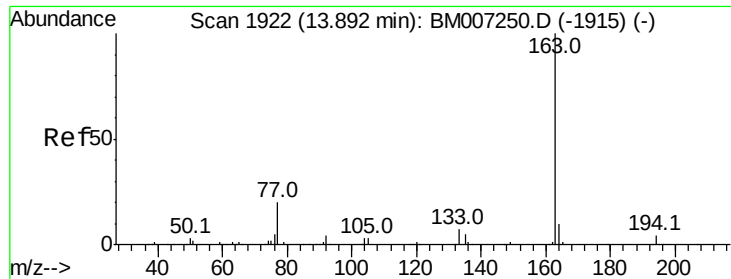
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#42
 2-Nitroaniline
 Concen: 1.85 ng/ul
 RT: 13.52 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.6	83.4
138	102.3	81.3	121.9





#44

Dimethylphthalate

Concen: 2.24 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

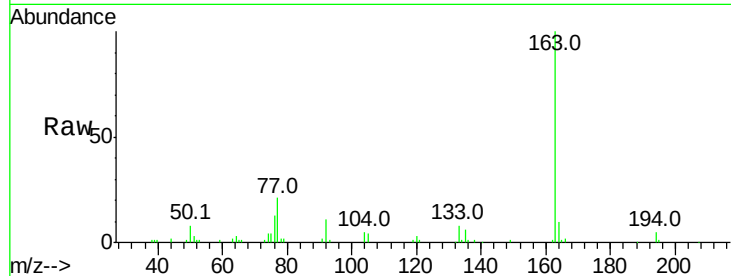
ClientSampleId :

MDL-05-S

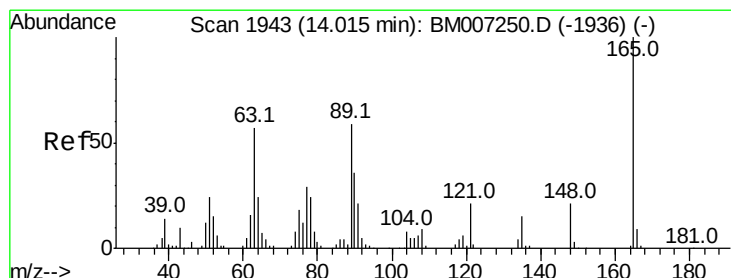
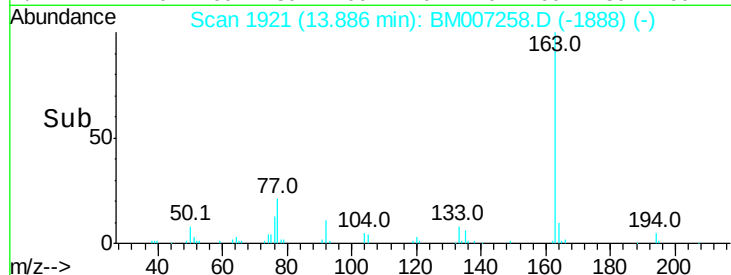
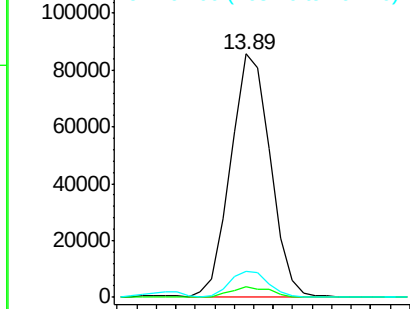
Tot Ion:	163	Resp:	120641
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.4	7.8	11.8

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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: 1.85 ng/ul

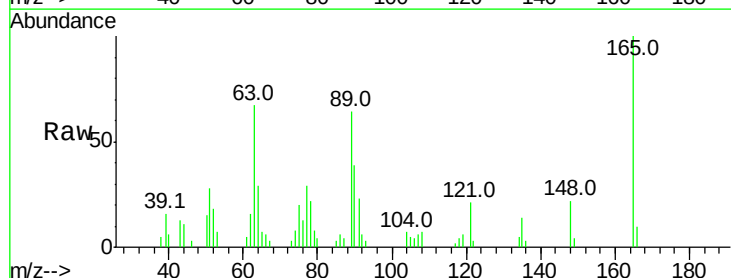
RT: 14.01 min Scan# 1942

Delta R.T. 0.00 min

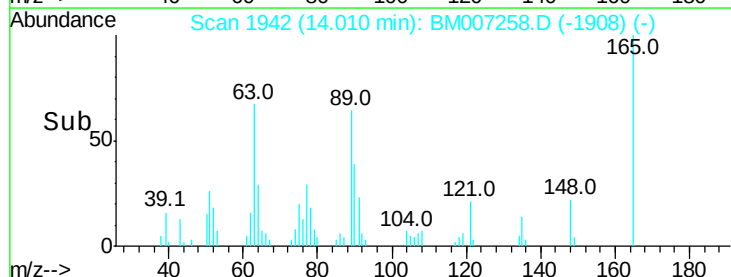
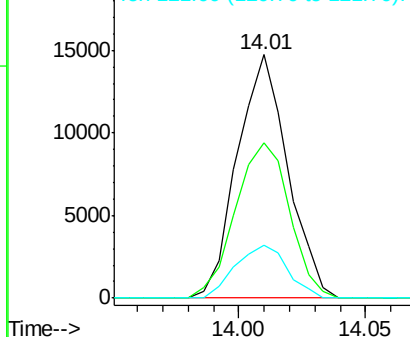
Lab File: BM007258.D

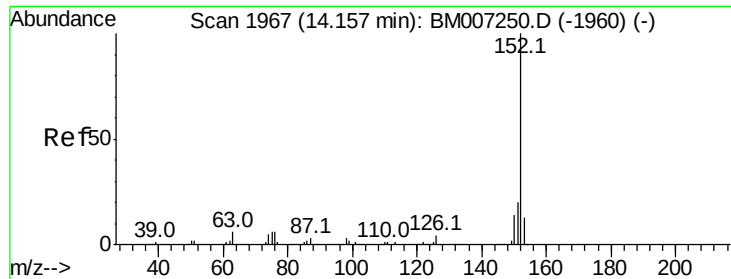
Acq: 23 Aug 2016 18:38

Tgt Ion:	165	Resp:	20384
Ion Ratio	Lower	Upper	
165	100		
89	63.8	46.6	69.8
121	21.5	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: 2.18 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

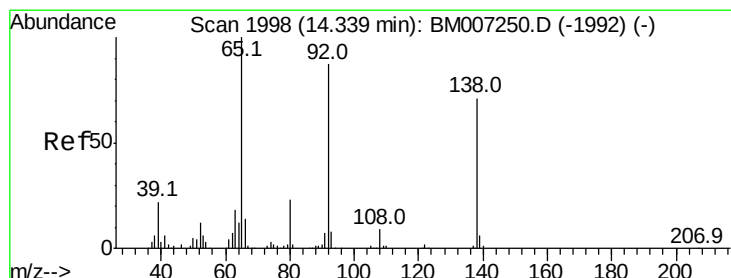
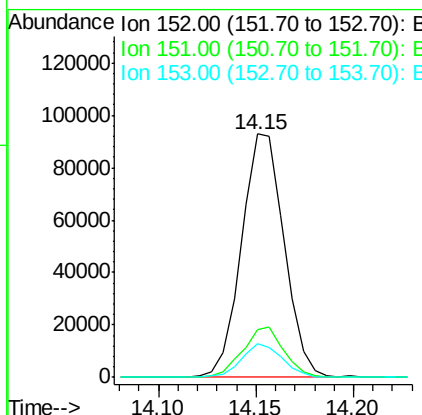
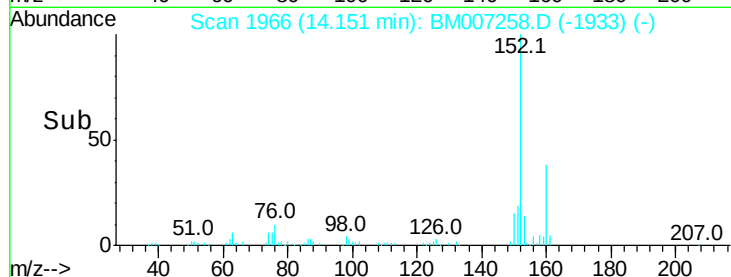
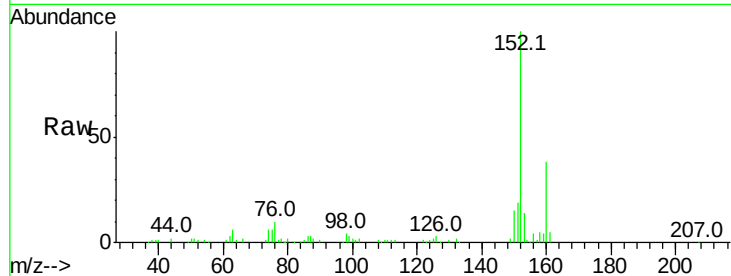
ClientSampleId :

MDL-05-S

Tot Ion:	152	Resp:	140326
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.0	24.0
153	14.0	11.0	16.6

Manual Integrations
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#48

3-Nitroaniline

Concen: 1.94 ng/ul

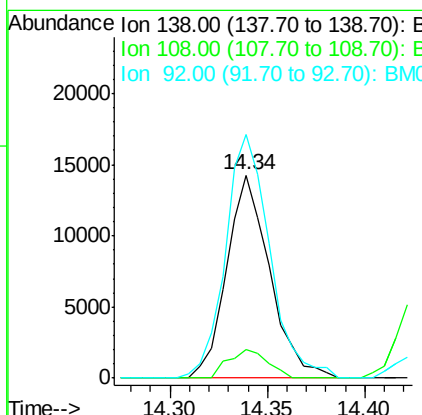
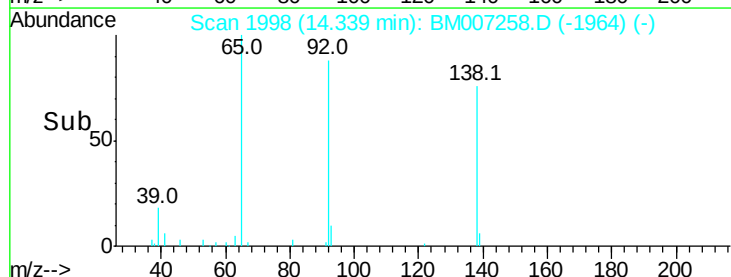
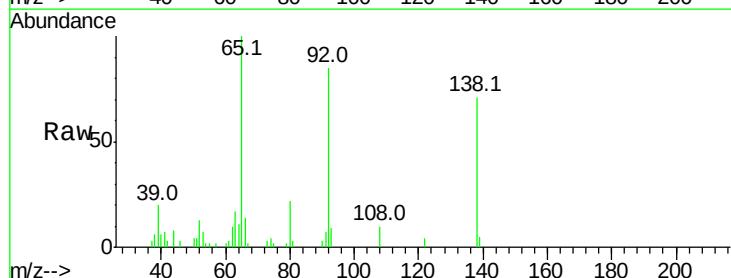
RT: 14.34 min Scan# 1998

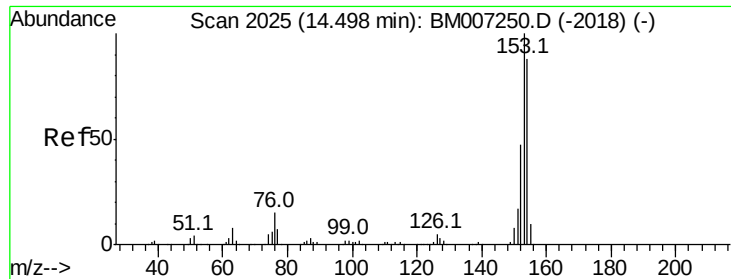
Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	138	Resp:	21826
Ion Ratio	Lower	Upper	
138	100		
108	14.0	9.4	14.0
92	120.1	96.6	145.0





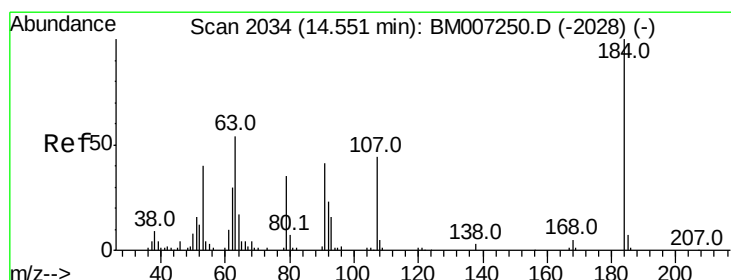
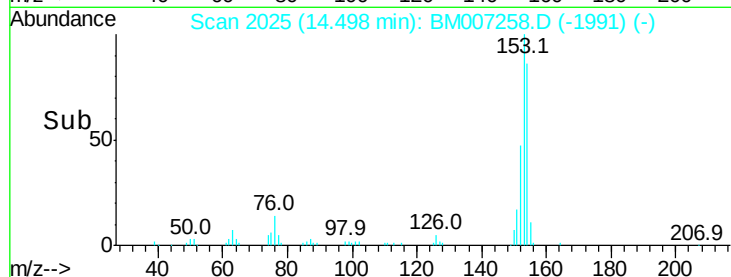
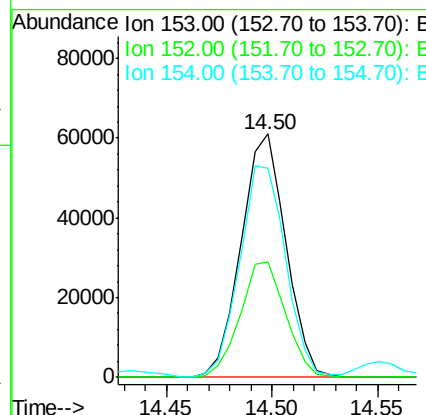
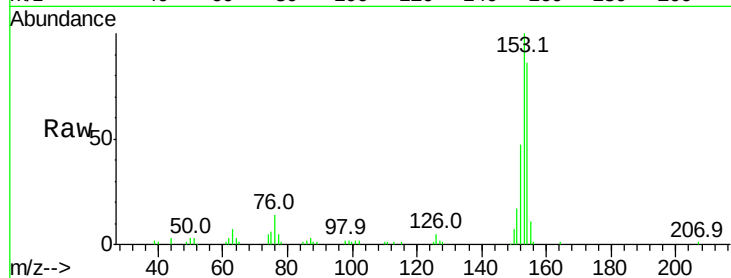
#49
Acenaphthene
Concen: 2.14 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.6
154	86.1	71.4	107.0

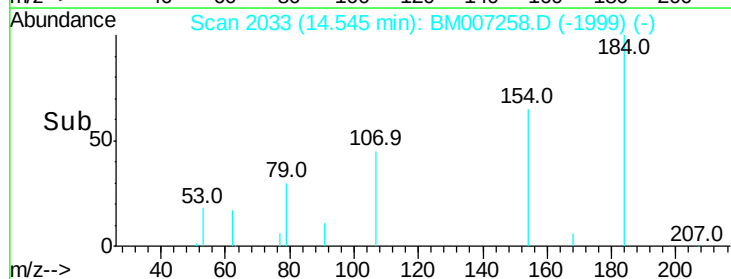
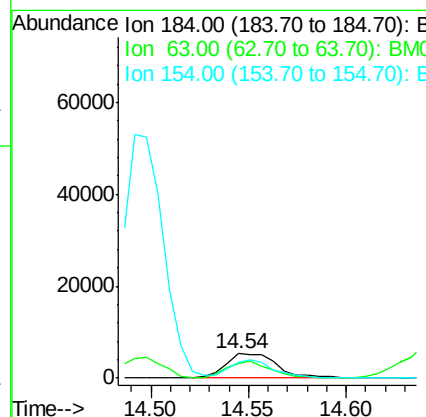
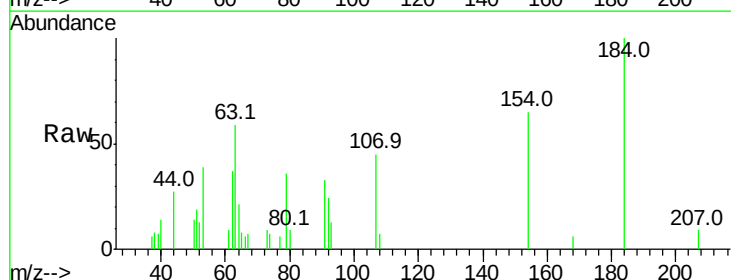
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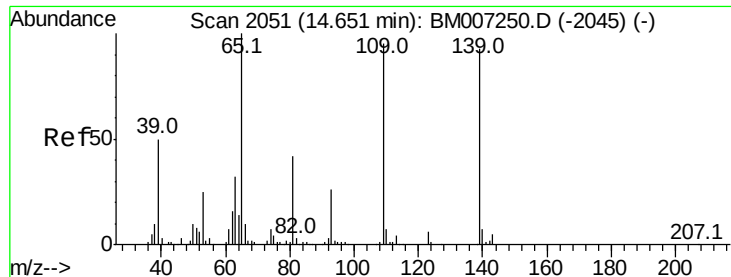
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#50
2,4-Dinitrophenol
Concen: 1.31 ng/ul
RT: 14.54 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	43.4	65.0
154	65.3	48.2	72.4





#52

4-Nitrophenol

Concen: 2.21 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

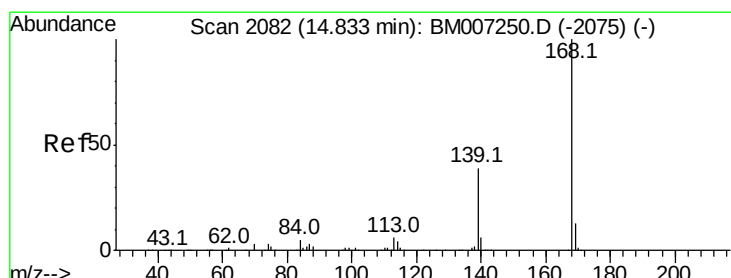
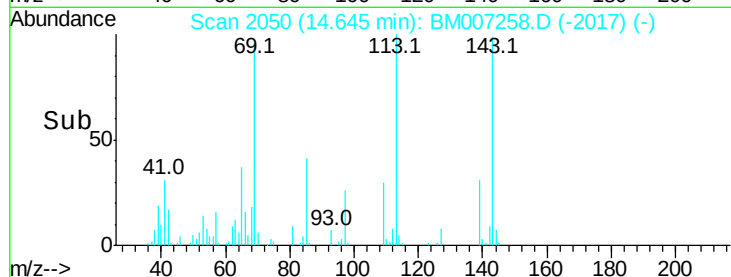
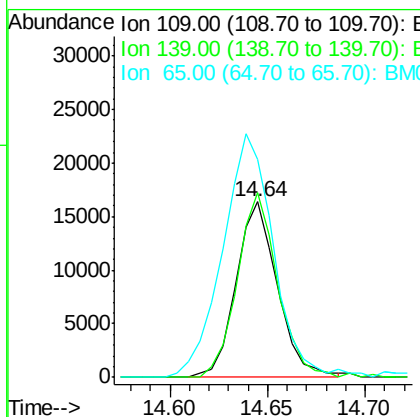
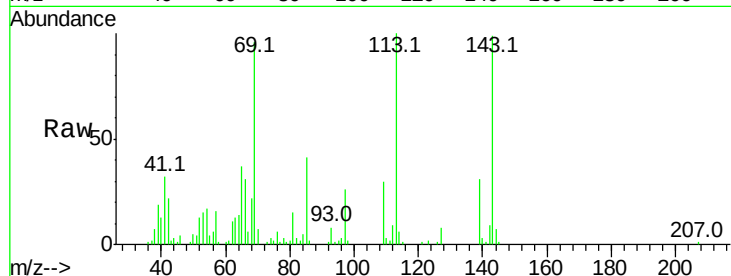
ClientSampleId :

MDL-05-S

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	104.9	88.7	133.1	
65	124.1	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.16 ng/ul

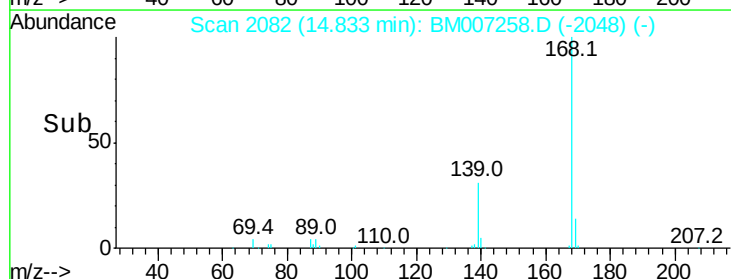
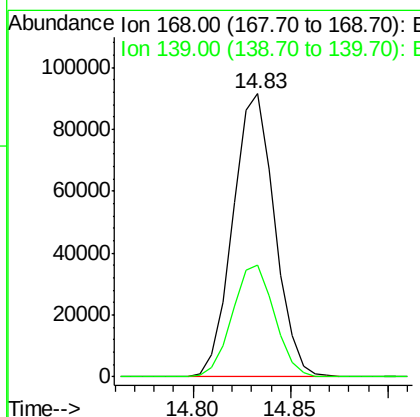
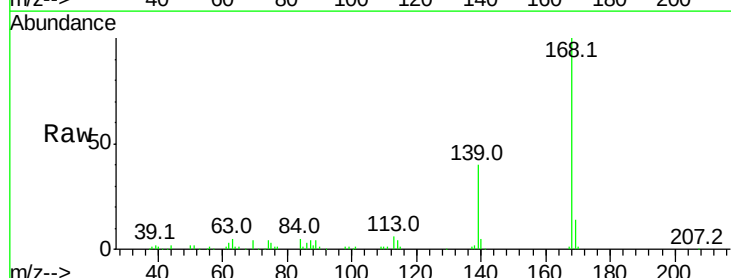
RT: 14.83 min Scan# 2082

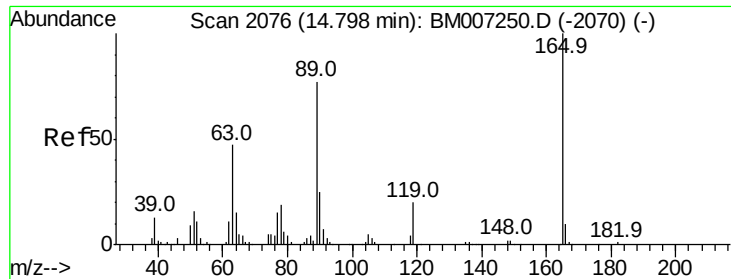
Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	30.1	45.1	





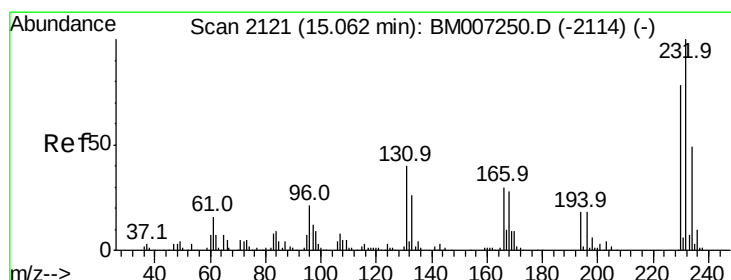
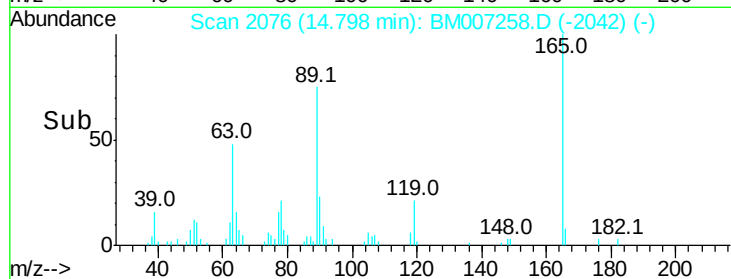
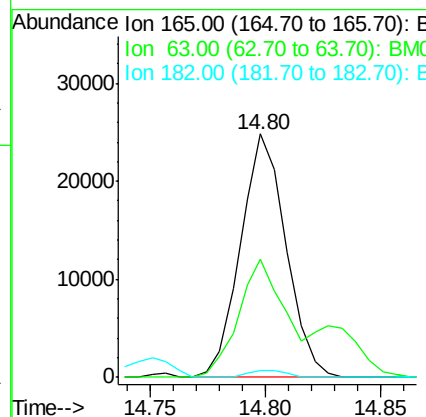
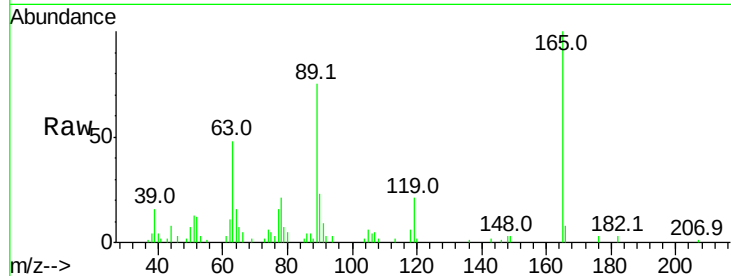
#54
 2,4-Dinitrotoluene
 Concen: 2.02 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	36.2	54.2
182	2.8	2.2	3.4

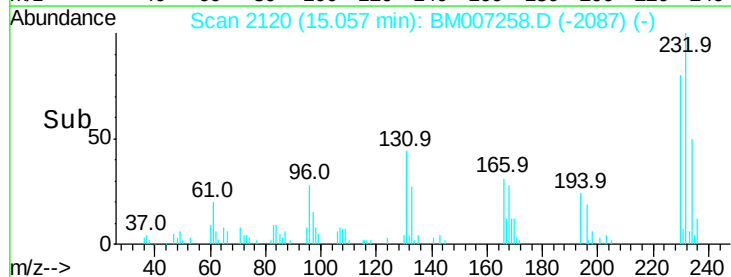
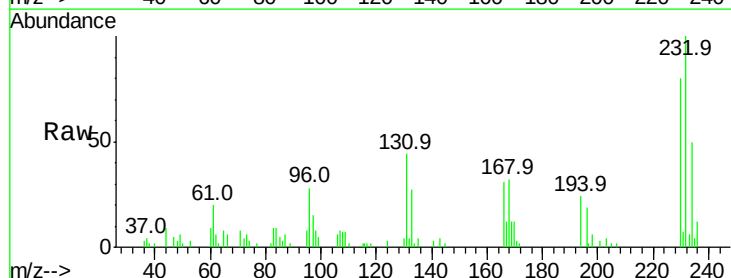
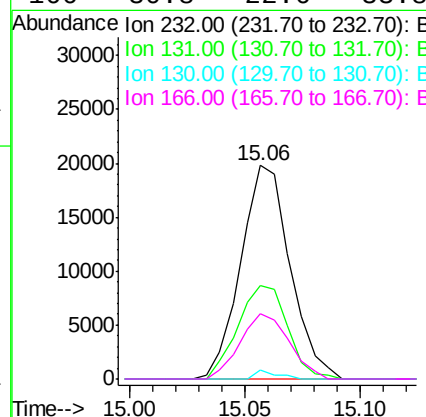
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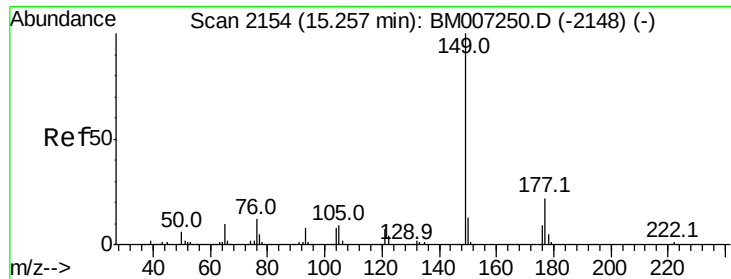
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.88 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.8	31.4	47.0
130	4.0	1.6	2.4
166	30.8	22.6	33.8





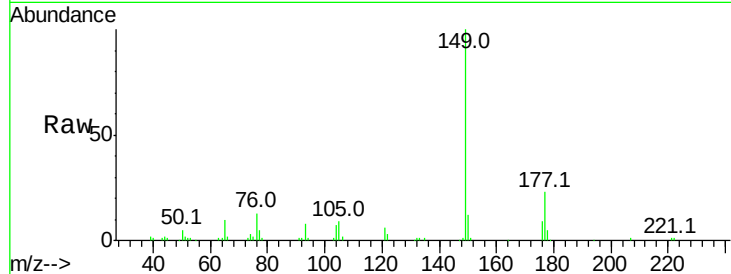
#56
Diethylphthalate
Concen: 2.23 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

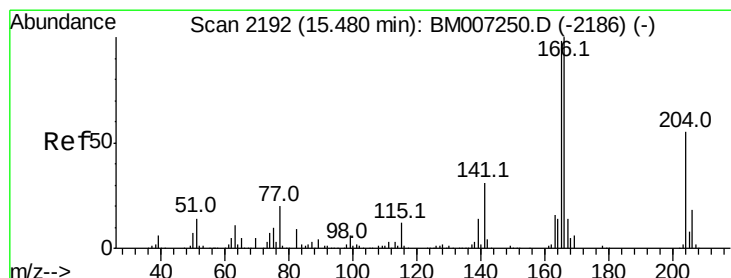
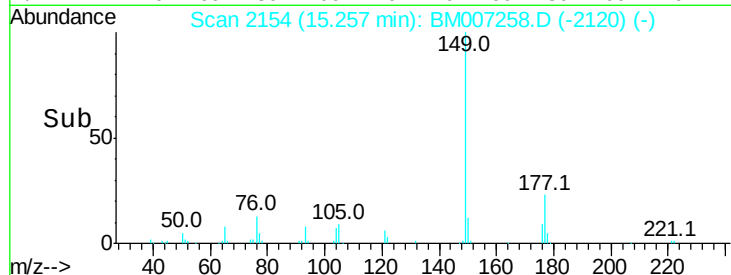
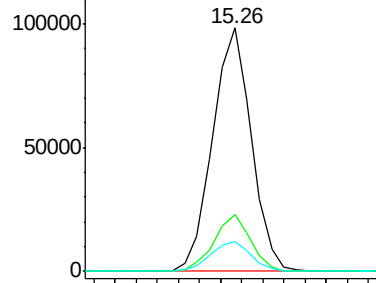
Tot Ion	Ratio	Resp	Lower	Upper
149	100	124918		
177	23.4		18.6	28.0
150	12.4		10.0	15.0

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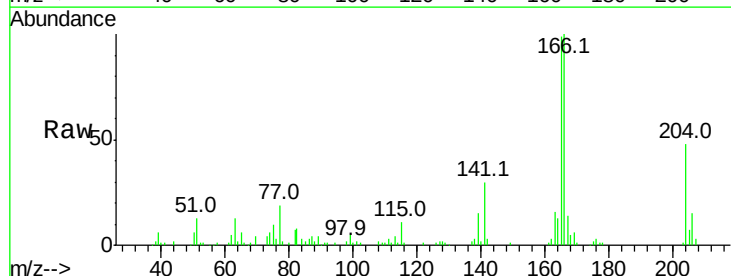


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

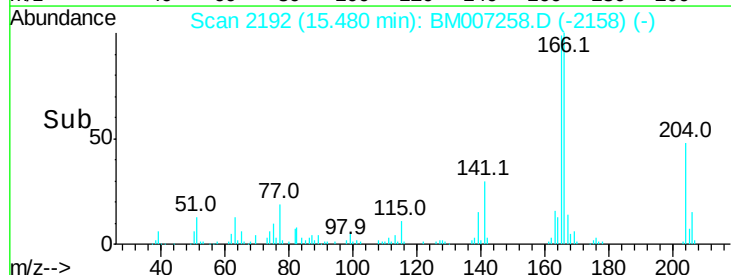
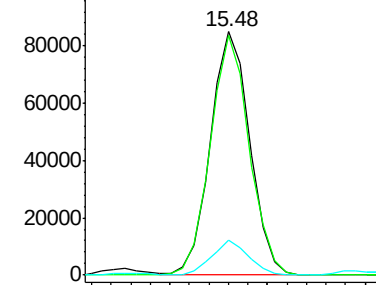


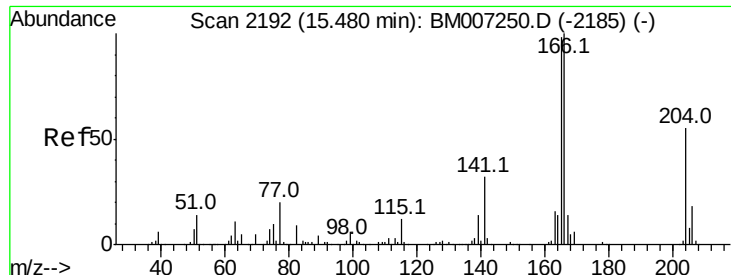
#58
Fluorene
Concen: 2.30 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	118893		
165	98.5		79.9	119.9
167	14.2		10.5	15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 2.28 ng/ul

RT: 15.47 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

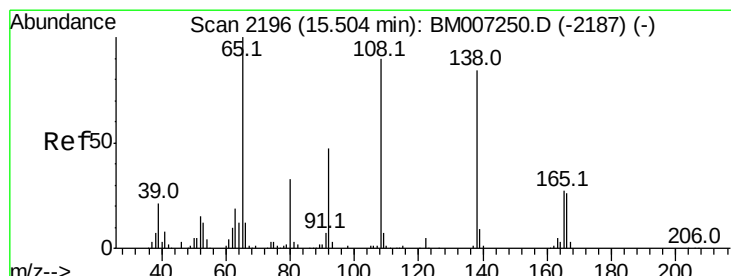
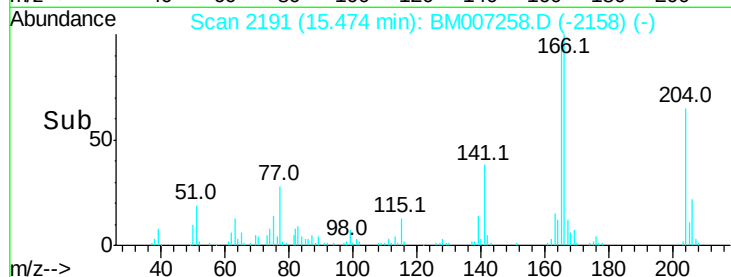
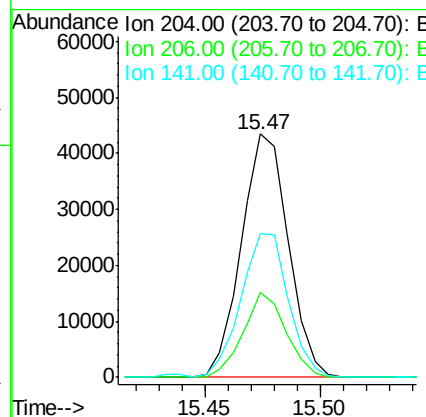
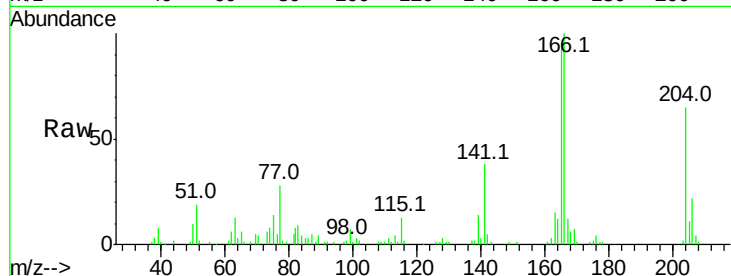
ClientSampled :

MDL-05-S

Tot Ion:	204	Resp:	61720
Ion Ratio	Lower	Upper	
204	100		
206	34.7	25.9	38.9
141	58.9	46.1	69.1

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#60

4-Nitroaniline

Concen: 1.99 ng/ul

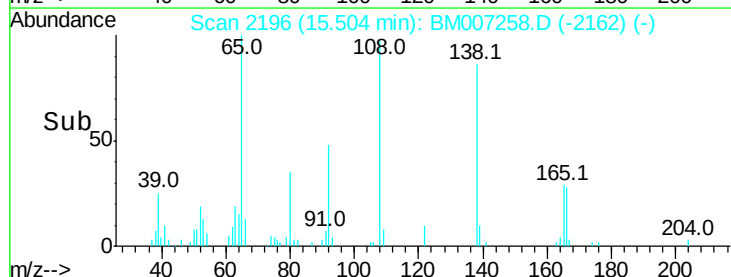
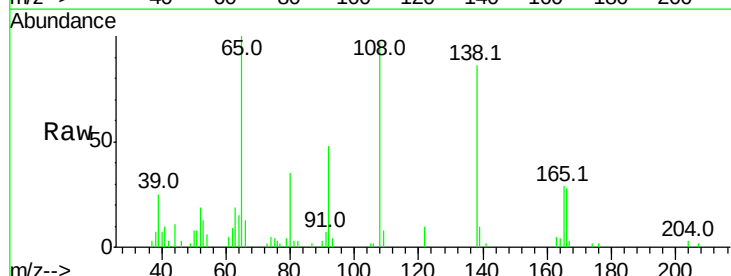
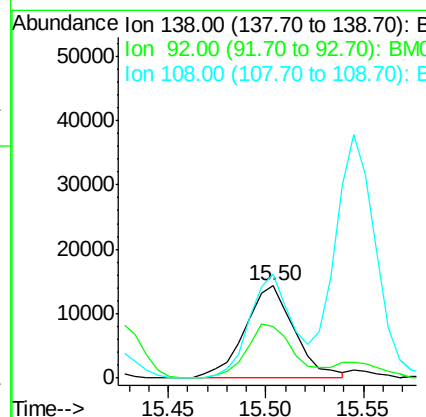
RT: 15.50 min Scan# 2196

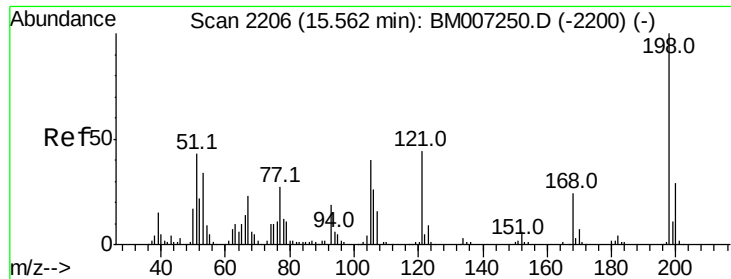
Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	138	Resp:	25332
Ion Ratio	Lower	Upper	
138	100		
92	55.7	43.5	65.3
108	112.8	80.3	120.5





#63

4,6-Dinitro-2-methylphenol

Concen: 2.10 ng/ul

RT: 15.56 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

ClientSampleId :

MDL-05-S

Tot Ion:198 Resp: 24403

Ion Ratio Lower Upper

198 100

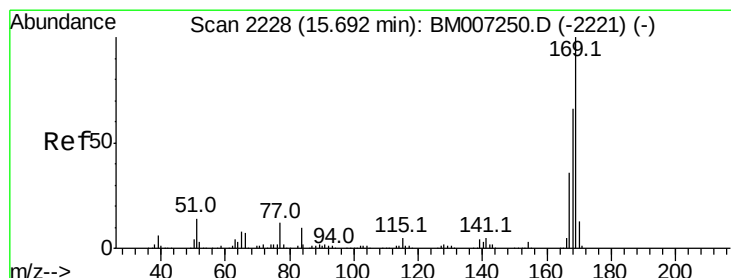
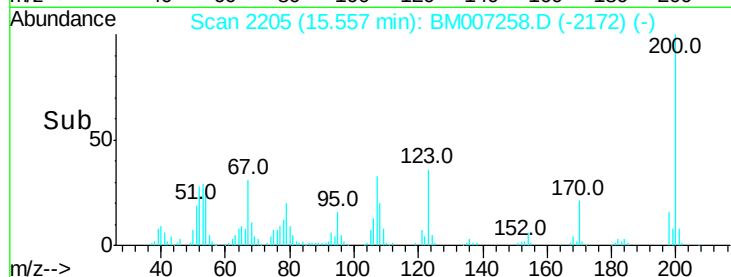
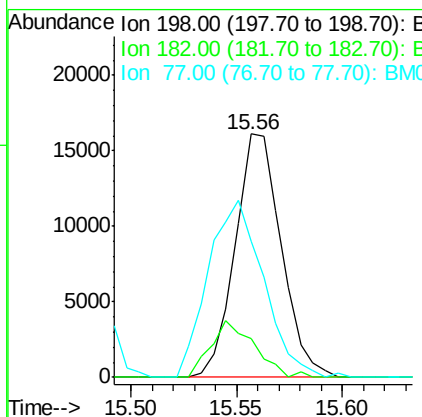
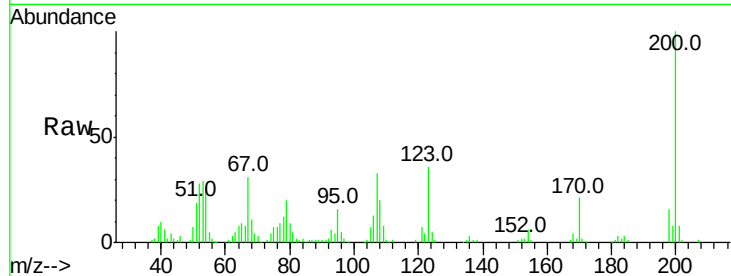
182 16.2 3.3 4.9#

77 55.8 21.8 32.6#

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#64

N-Nitrosodiphenylamine

Concen: 2.16 ng/ul

RT: 15.69 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

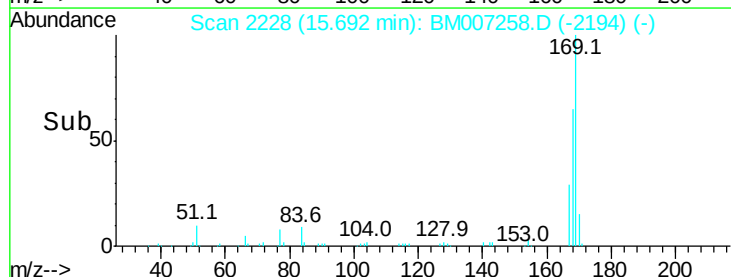
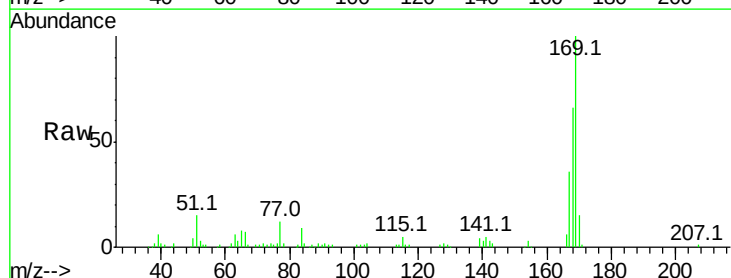
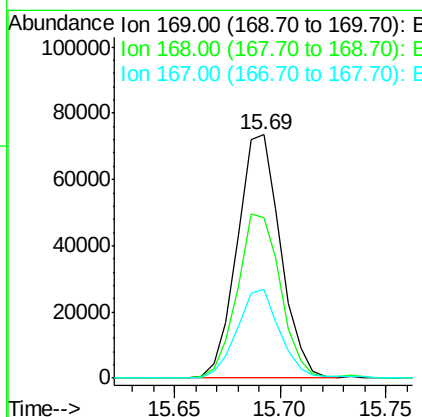
Tgt Ion:169 Resp: 104340

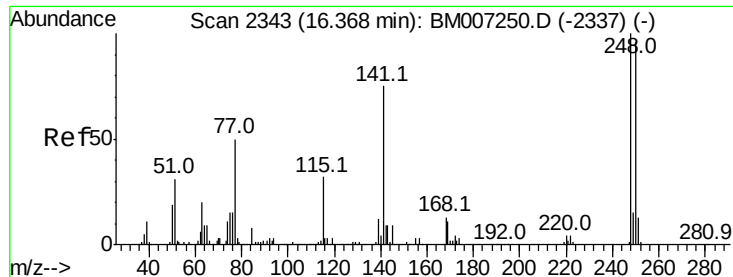
Ion Ratio Lower Upper

169 100

168 65.8 52.6 79.0

167 36.3 28.6 43.0





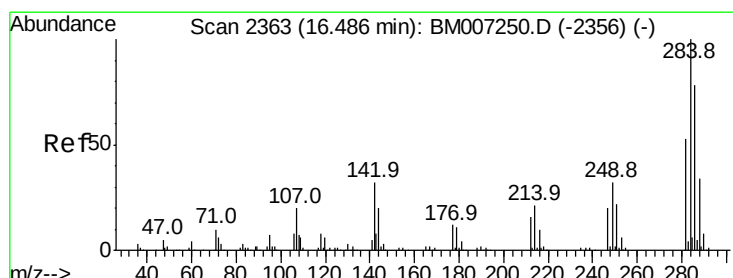
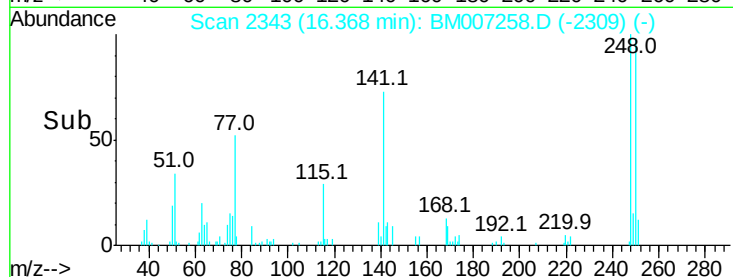
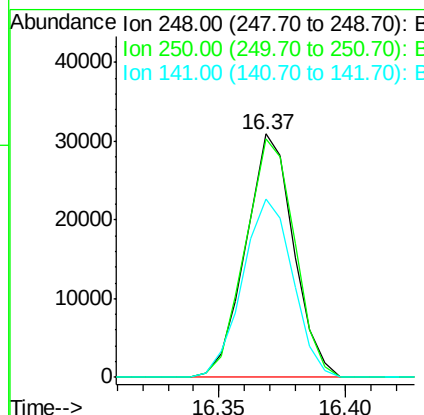
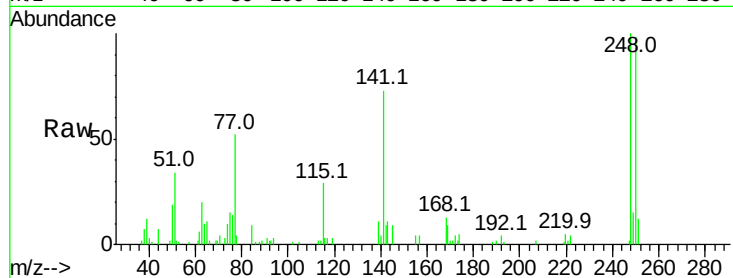
#65
4-Bromophenyl-phenylether
Concen: 2.09 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	73.2	58.3	87.5

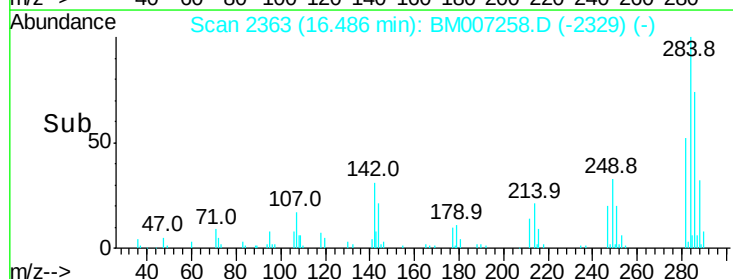
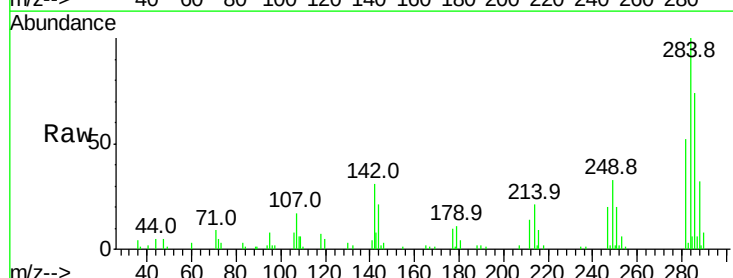
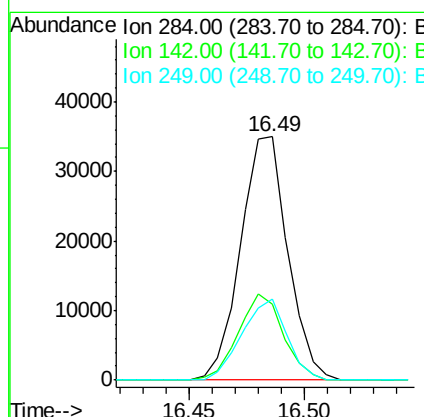
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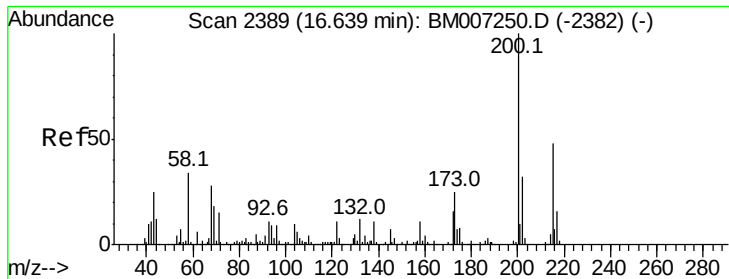
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#66
Hexachlorobenzene
Concen: 2.29 ng/ul
RT: 16.49 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	24.9	37.3
249	33.5	25.5	38.3





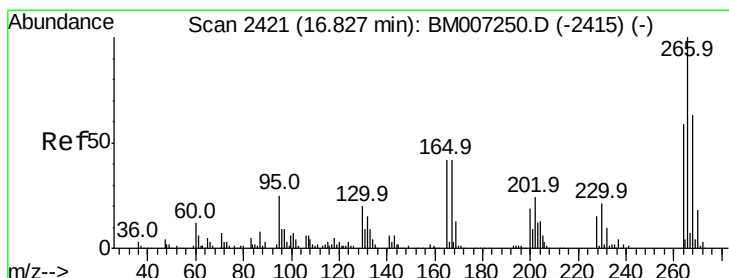
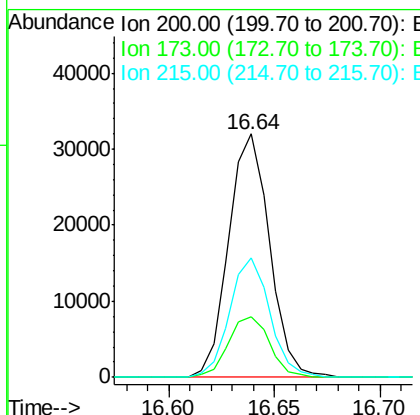
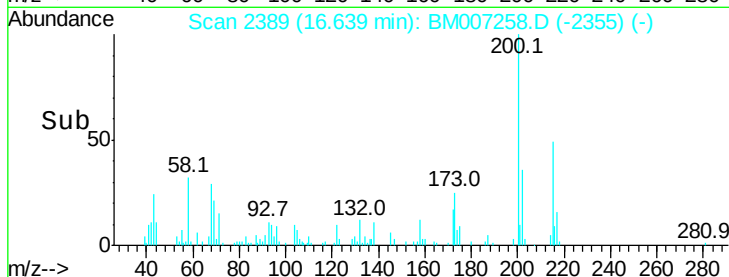
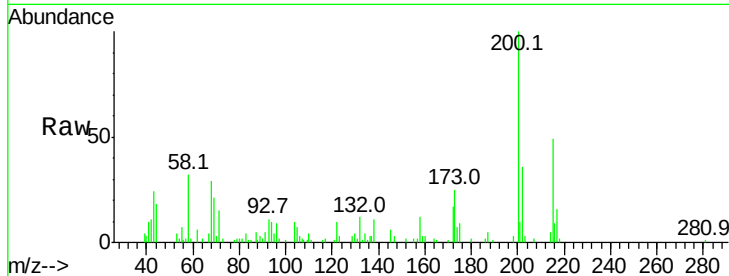
#67
 Atrazine
 Concen: 2.10 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	18.9	28.3
215	49.1	39.5	59.3

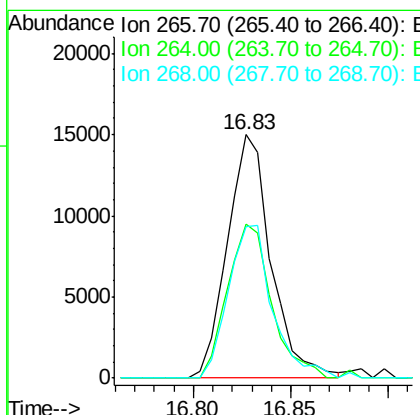
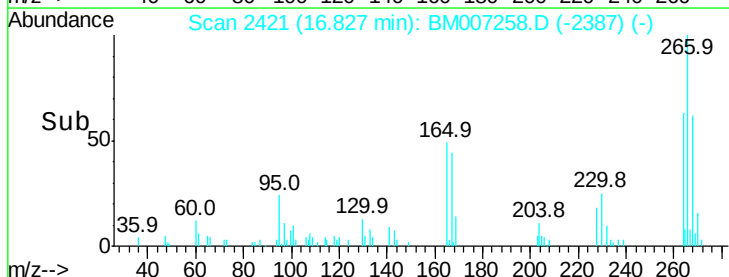
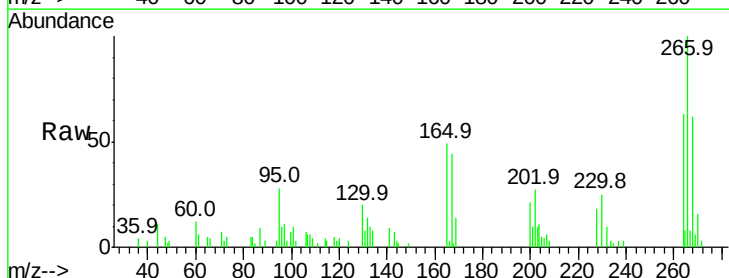
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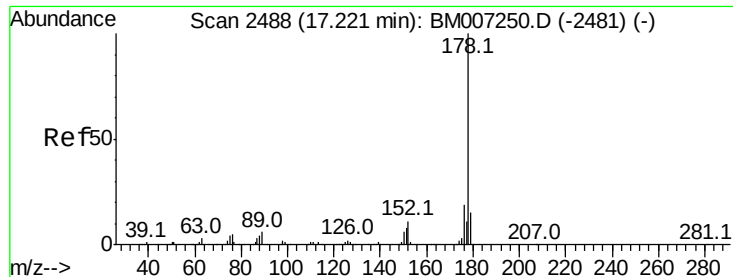
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#68
 Pentachlorophenol
 Concen: 1.65 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.6	75.8
268	62.3	51.0	76.6





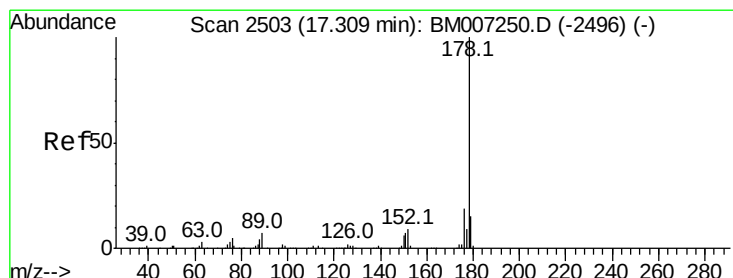
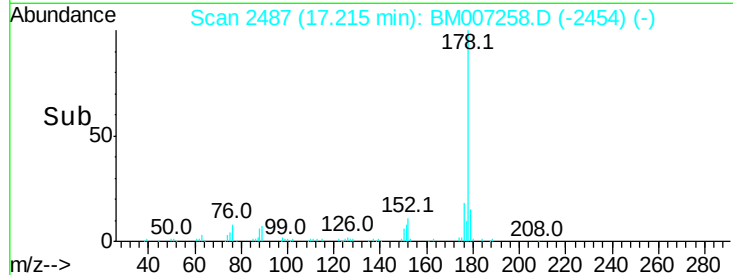
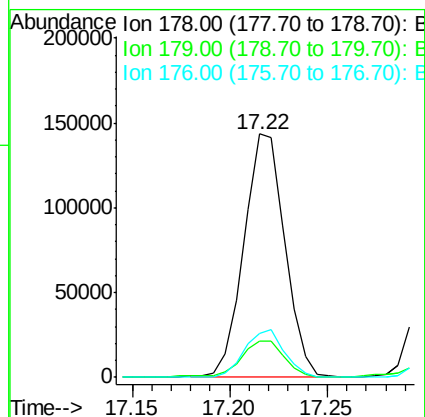
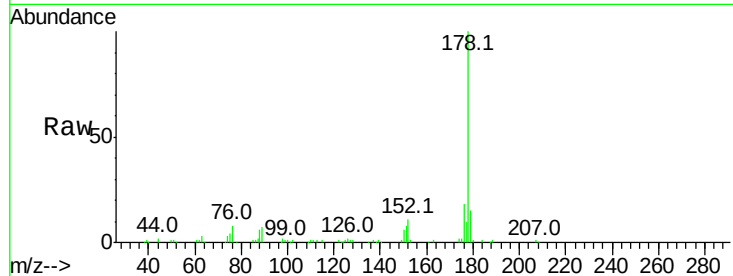
#69
Phenanthrene
Concen: 2.22 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tot Ion:178	Resp:	206610
Ion Ratio	Lower	Upper
178 100		
179 14.9	12.2	18.2
176 18.1	15.1	22.7

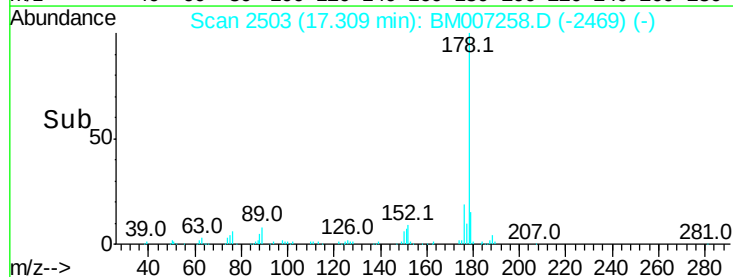
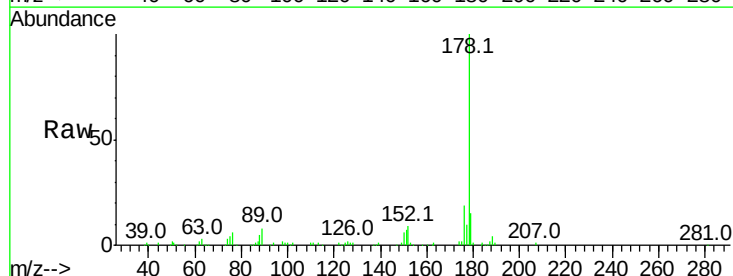
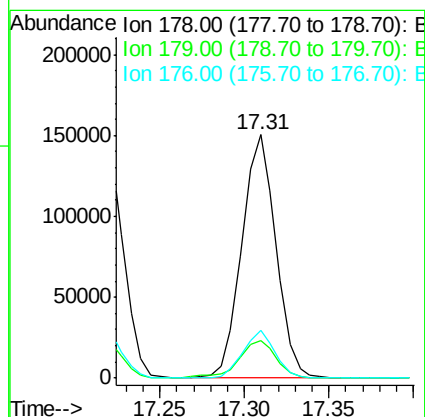
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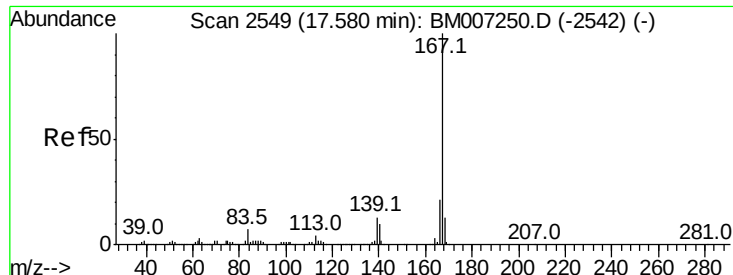
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#71
Anthracene
Concen: 2.19 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion:178	Resp:	210271
Ion Ratio	Lower	Upper
178 100		
179 15.4	12.1	18.1
176 19.4	14.5	21.7





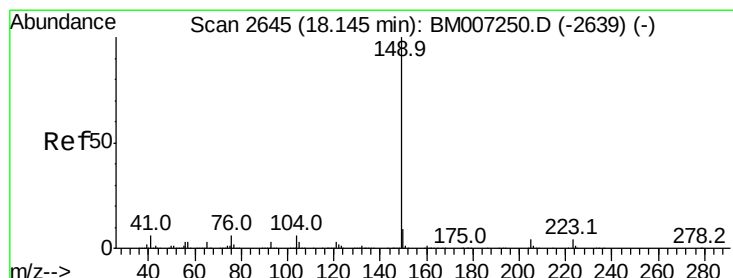
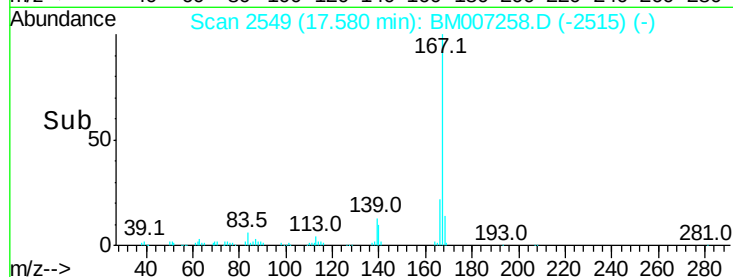
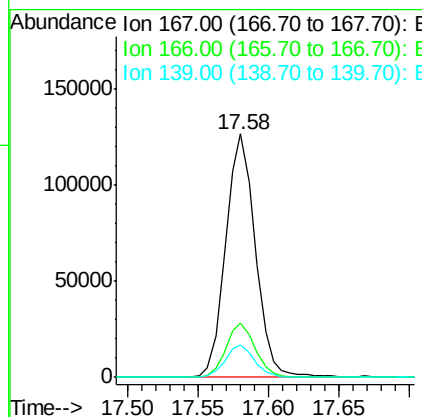
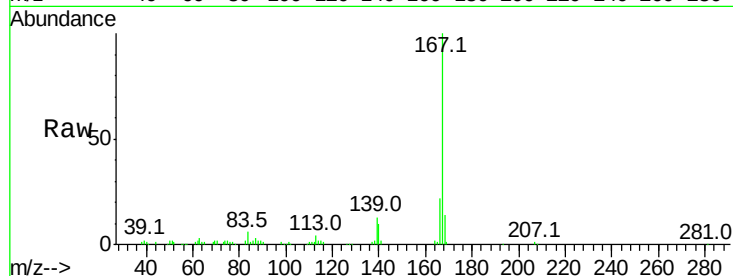
#72
 Carbazole
 Concen: 2.22 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tot Ion	Ratio	Resp	Lower	Upper
167	100	184970		
166	22.4		16.6	25.0
139	13.5		10.2	15.4

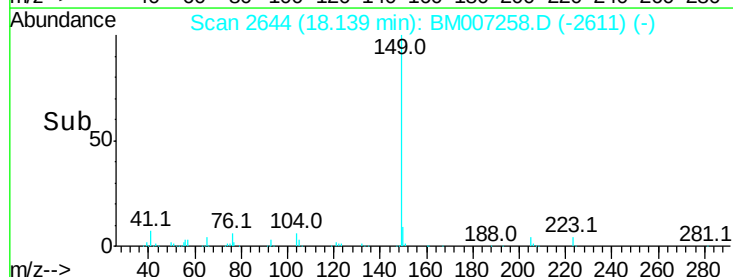
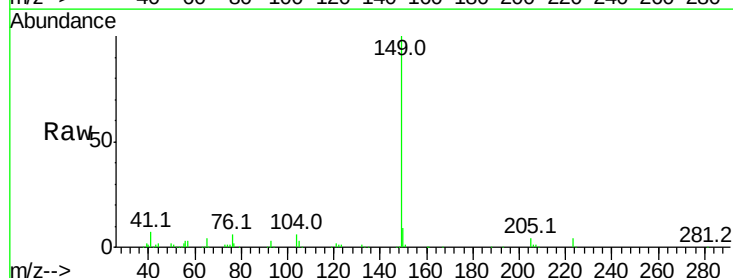
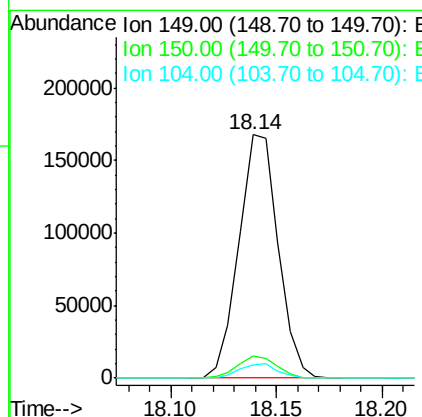
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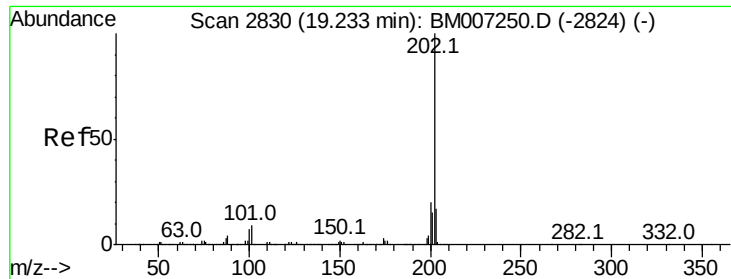
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#73
 Di-n-butylphthalate
 Concen: 2.07 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	217019		
150	9.0		7.6	11.4
104	5.7		4.6	7.0





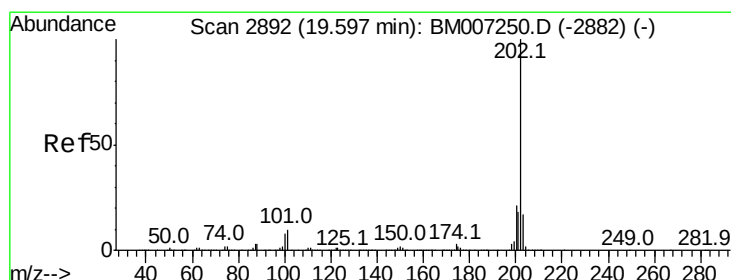
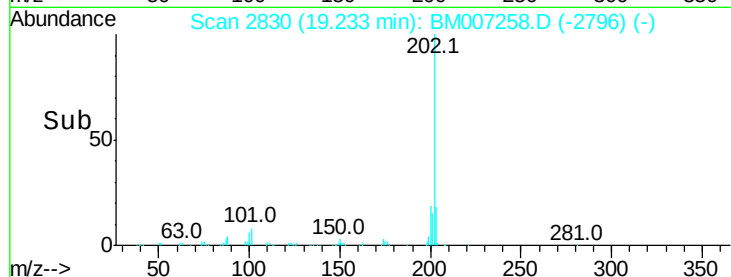
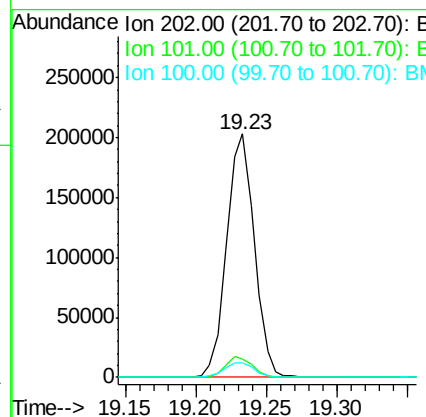
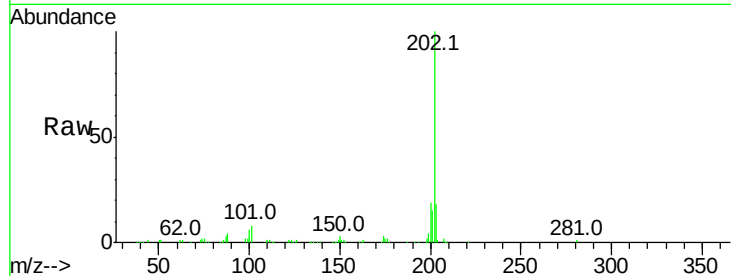
#74
 Fluoranthene
 Concen: 2.37 ng/ul
 RT: 19.23 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S

Tot Ion:	202	Resp:	276903
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.9	10.3
100	5.8	5.4	8.0

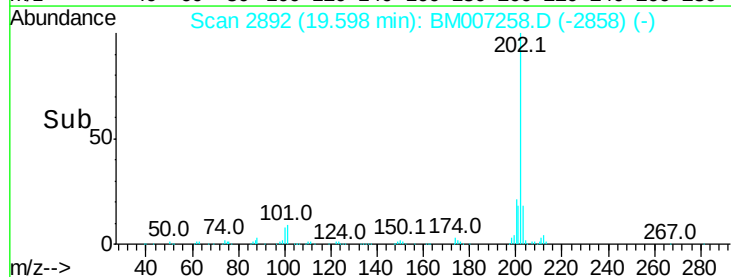
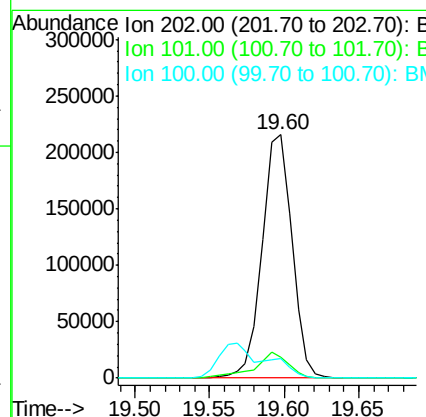
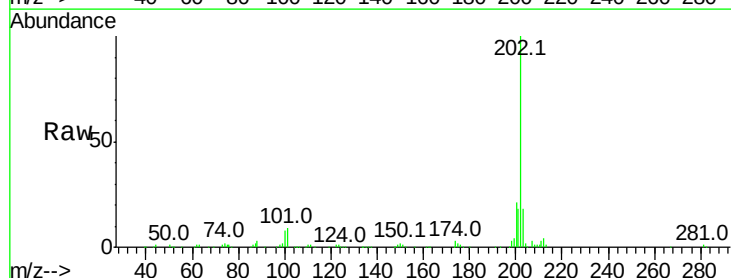
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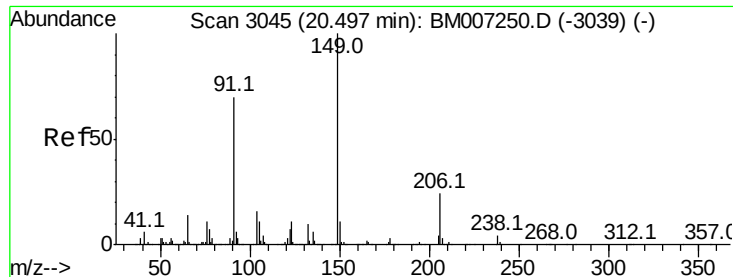
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#77
 Pyrene
 Concen: 2.17 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: BM007258.D
 Acq: 23 Aug 2016 18:38

Tgt Ion:	202	Resp:	298319
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.4	12.6
100	8.1	6.9	10.3





#78

Butylbenzylphthalate

Concen: 1.82 ng/ul

RT: 20.49 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

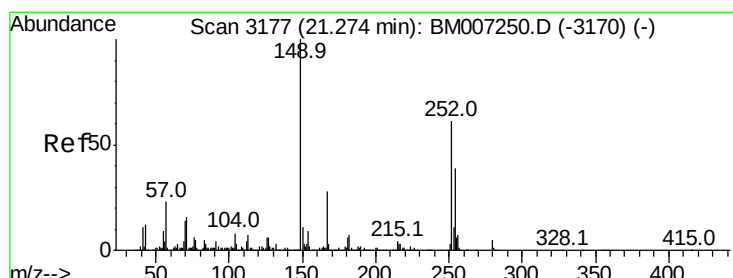
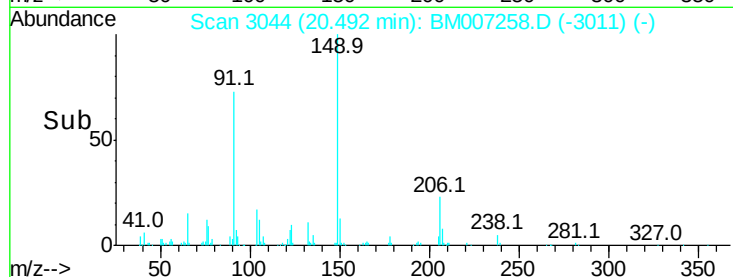
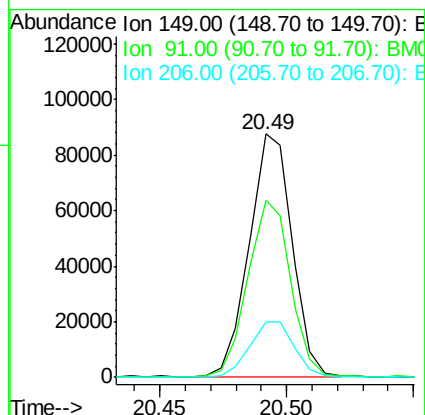
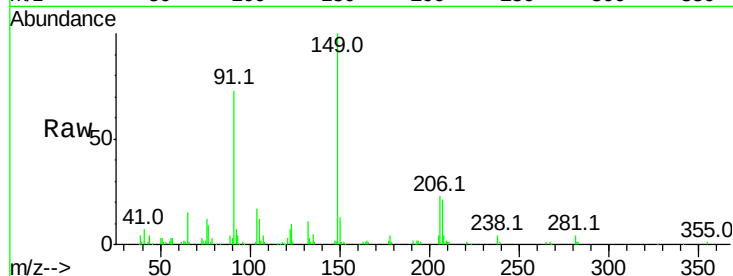
ClientSampleId :

MDL-05-S

Tot Ion:	149	Resp:	104261
Ion Ratio	Lower	Upper	
149	100		
91	72.5	57.3	85.9
206	22.6	18.6	27.8

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#79

3,3'-Dichlorobenzidine

Concen: 2.23 ng/ul

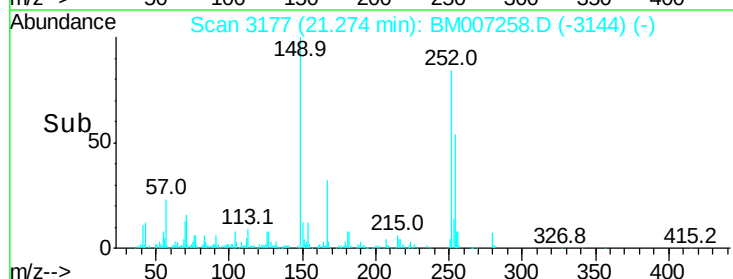
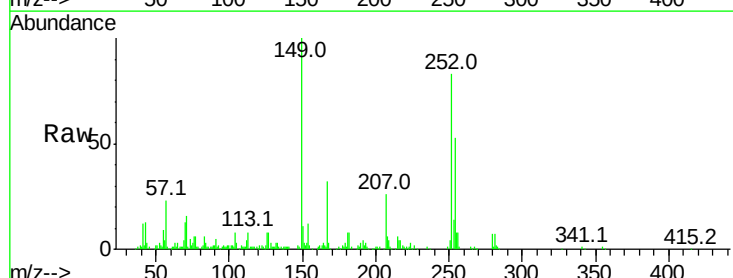
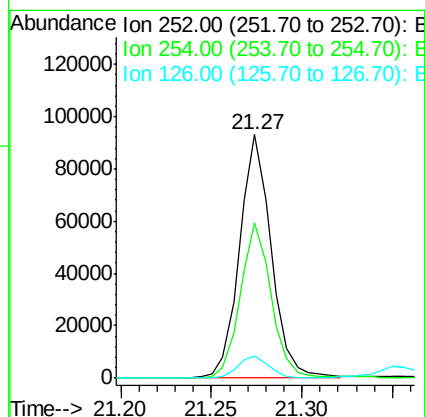
RT: 21.27 min Scan# 3177

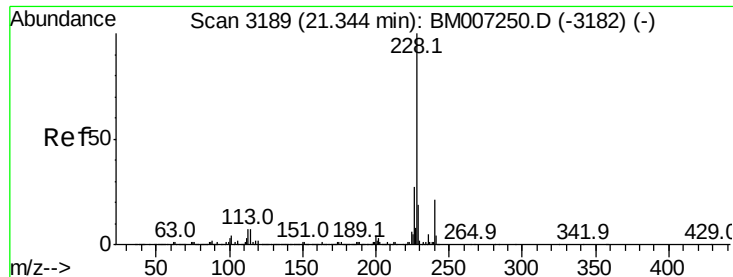
Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	252	Resp:	113170
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.0	76.4
126	9.1	7.1	10.7





#80

Benzo(a)anthracene

Concen: 2.21 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Instrument :

BNA_M

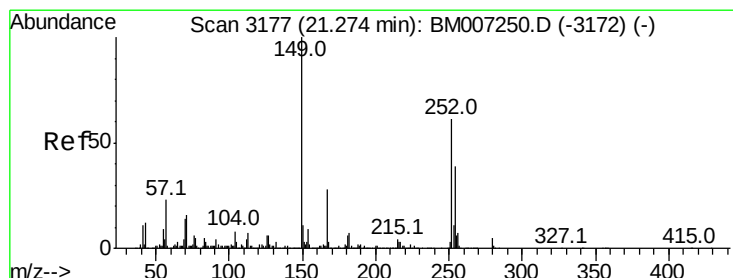
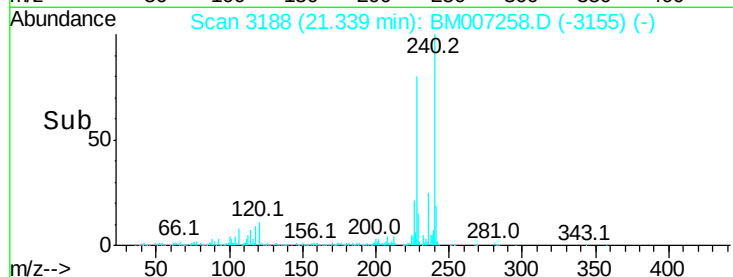
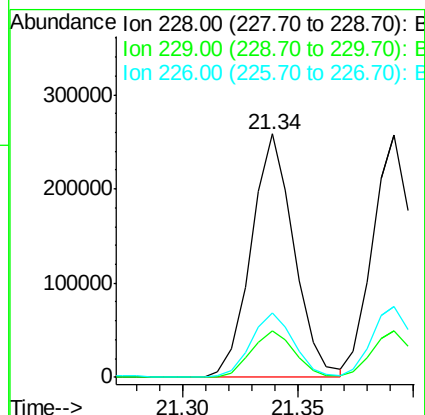
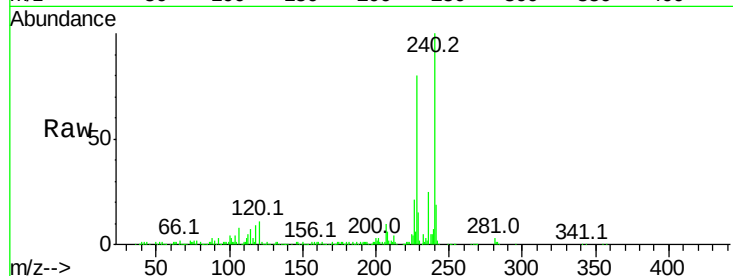
ClientSampleId :

MDL-05-S

Tot Ion:	228	Resp:	333874
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.6	23.4
226	26.4	21.8	32.8

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.94 ng/ul

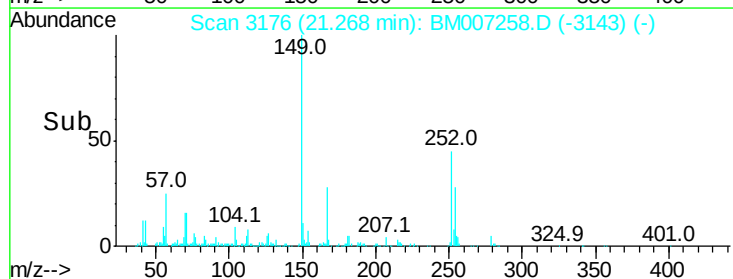
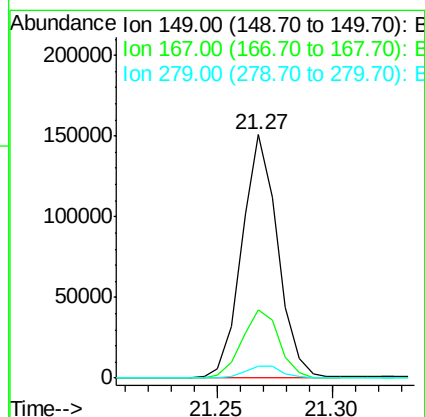
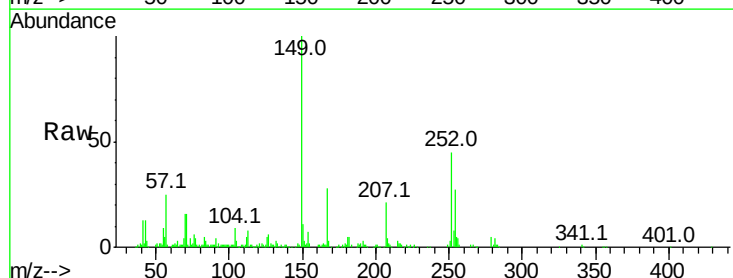
RT: 21.27 min Scan# 3176

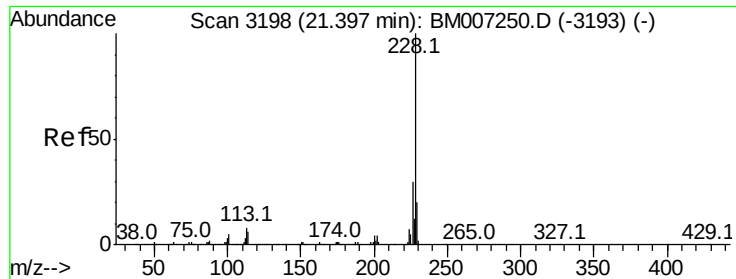
Delta R.T. -0.01 min

Lab File: BM007258.D

Acq: 23 Aug 2016 18:38

Tgt Ion:	149	Resp:	161098
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.2	34.8
279	4.8	4.1	6.1





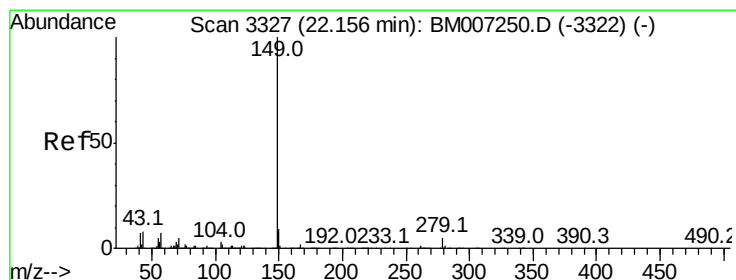
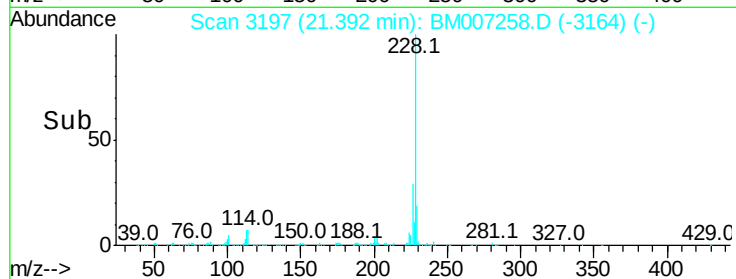
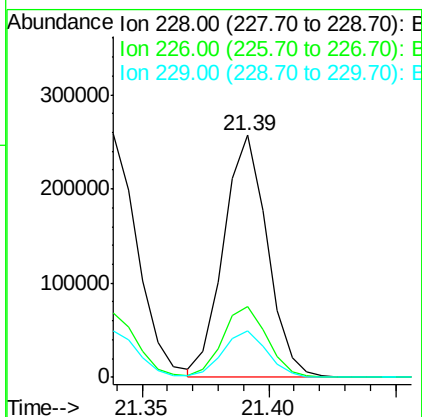
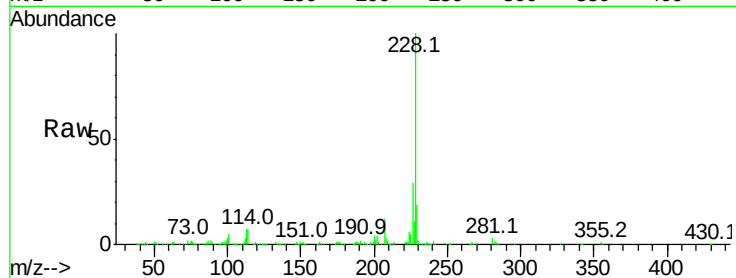
#82
Chrysene
Concen: 2.24 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tot Ion:	228	Resp:	306090
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	19.4	15.5	23.3

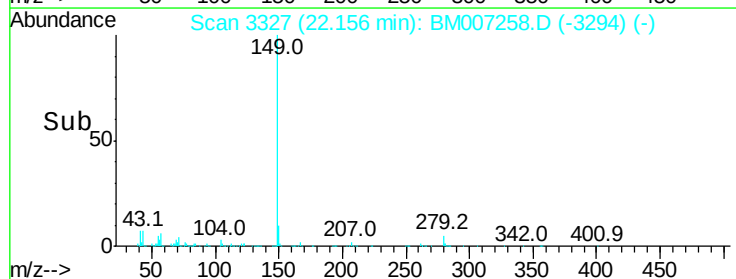
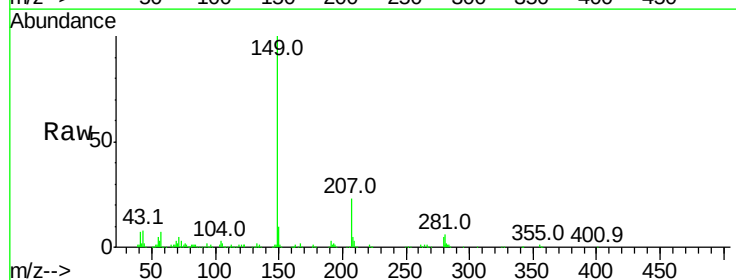
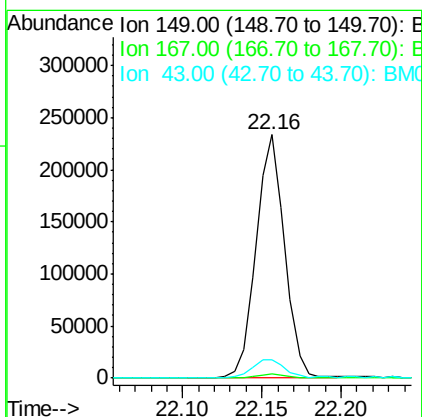
Manual Integrations
APPROVED

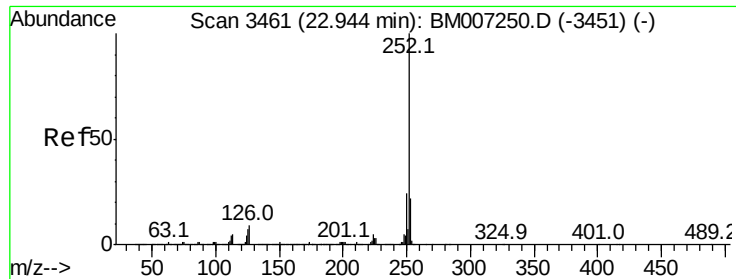
sohil
8/24/2016 4:15:14 PM



#84
Di-n-octyl phthalate
Concen: 2.04 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion:	149	Resp:	290694
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.8	6.6	10.0





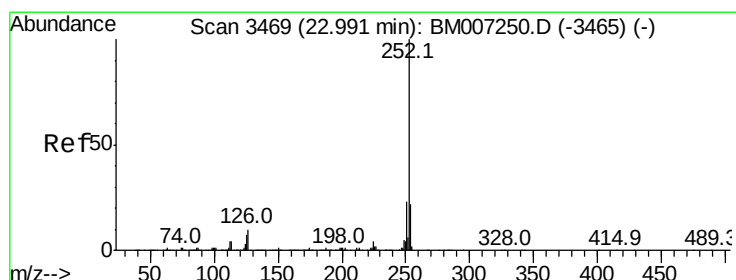
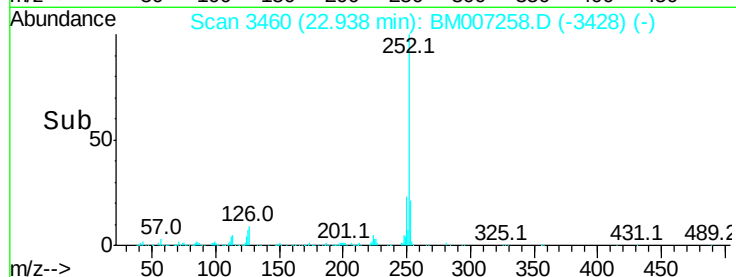
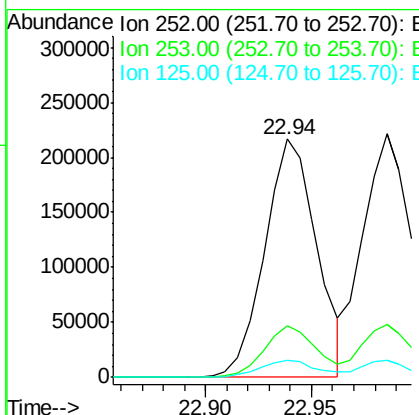
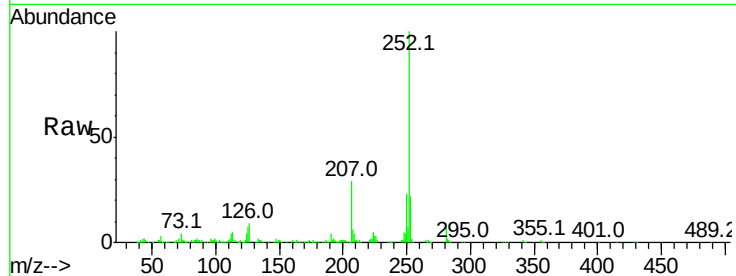
#85
Benzo(b)fluoranthene
Concen: 2.19 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.2	5.8	8.8

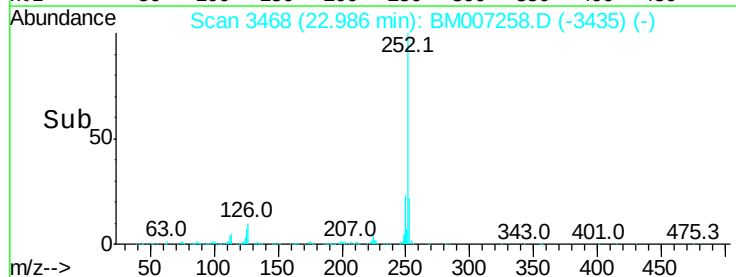
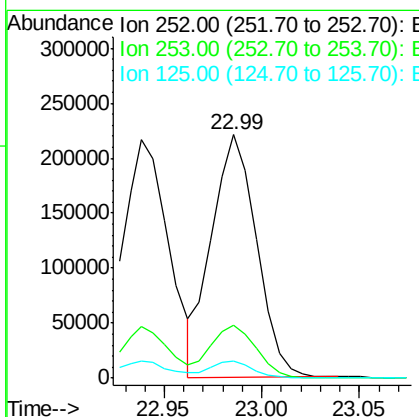
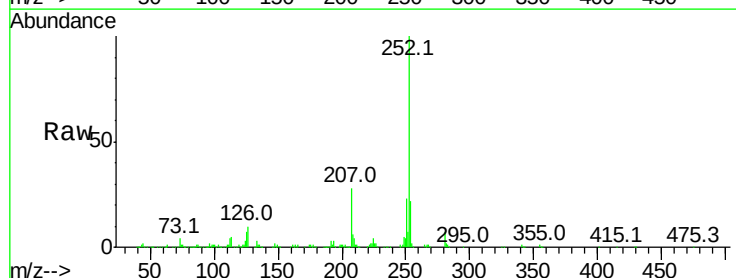
Manual Integrations
APPROVED

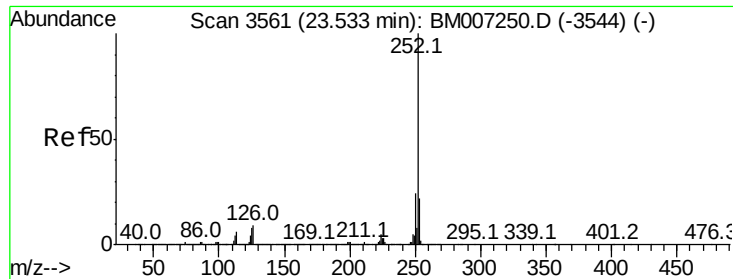
sohil
8/24/2016 4:15:14 PM



#86
Benzo(k)fluoranthene
Concen: 2.26 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	6.9	5.7	8.5





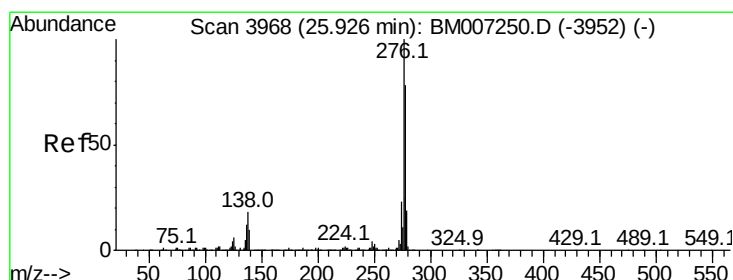
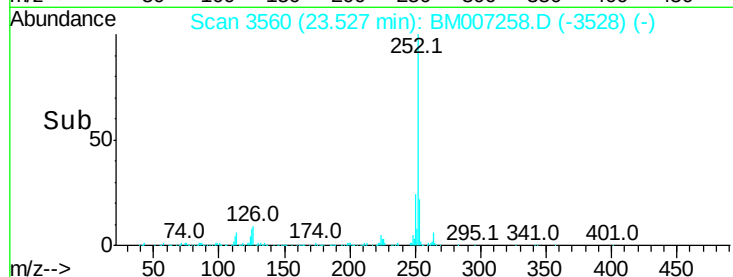
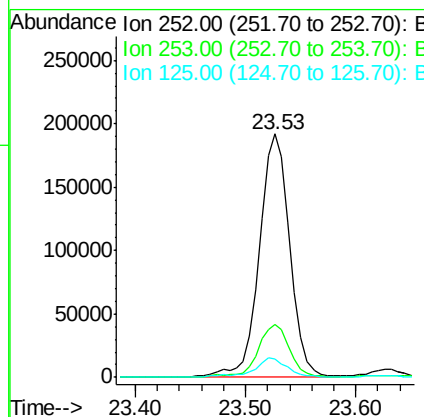
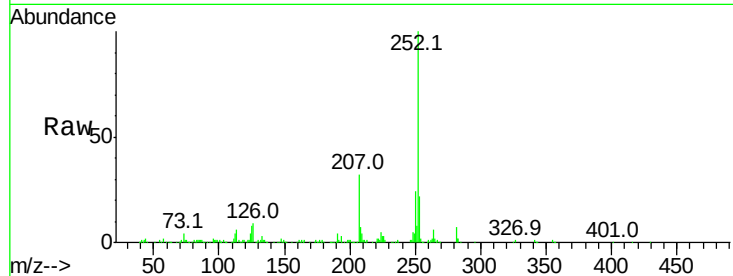
#88
Benzo(a)pyrene
Concen: 2.28 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.6	6.6	9.8

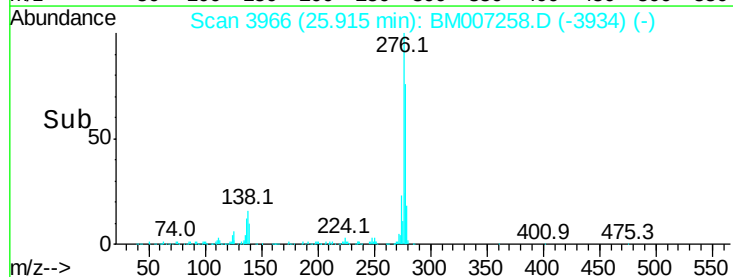
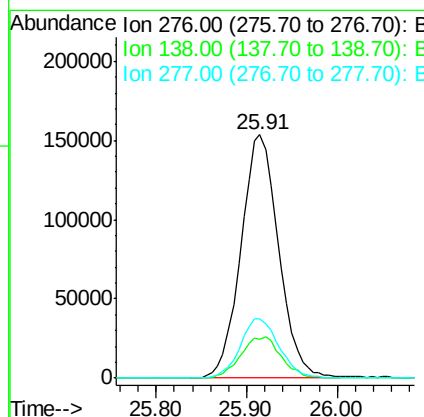
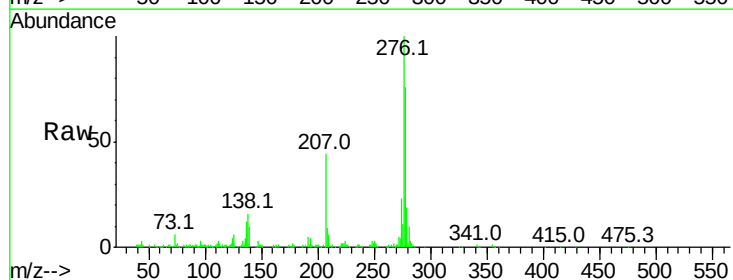
Manual Integrations
APPROVED

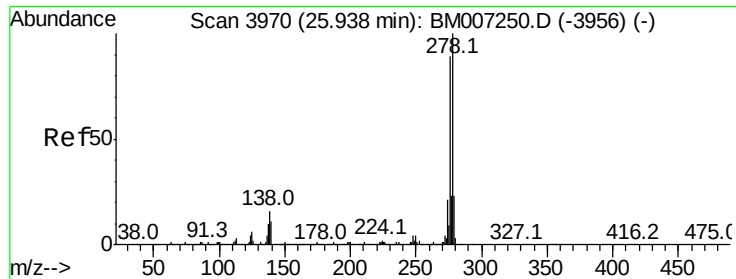
sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.9	20.9
277	24.5	20.1	30.1





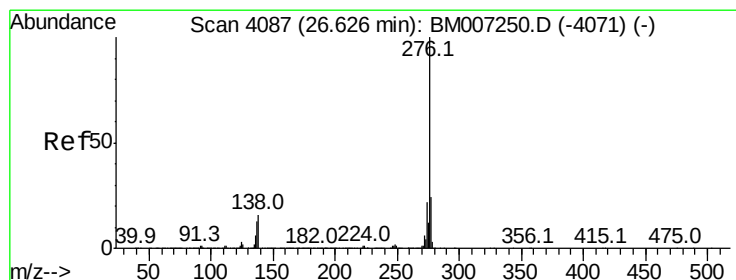
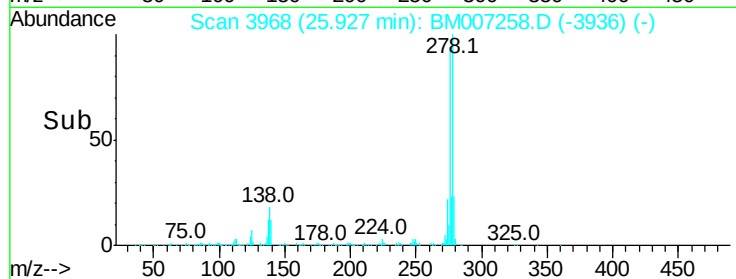
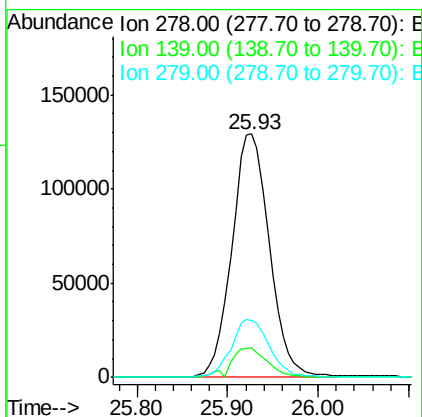
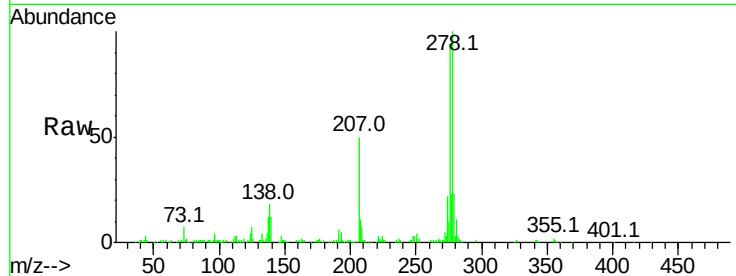
#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.5	14.3
279	23.3	19.1	28.7

Manual Integrations
APPROVED

sohil
8/24/2016 4:15:14 PM



#91
Benzo(g,h,i)perylene
Concen: 2.19 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007258.D
Acq: 23 Aug 2016 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.5	20.3
277	24.4	19.3	28.9

