

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007255.D
 Acq On : 23 Aug 2016 16:49
 Operator : UM/SJ
 Sample : MDL-02-S
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Manual Integrations
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 8/24/2016 4:15:10 PM

Quant Time: Aug 23 17:25:42 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	163006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	824849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	610506	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1699611	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2476045	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2775310	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8009	2.51	ng/uL	0.00
5) Phenol-d5	6.97	99	340749	22.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	205830	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	274391	24.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	307775	22.92	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148946	24.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	177170	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	318845	22.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	456949	26.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1400040	26.58	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1537425	25.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	251819	25.33	ng/ul	0.00
57) Fluorene-d10	15.43	176	1178453	25.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	253175	23.69	ng/ul	0.00
70) Anthracene-d10	17.27	188	2049910	25.82	ng/ul	0.00
76) Pyrene-d10	19.57	212	2629306	25.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3335391	26.09	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	2805m	0.79	ng/ul
4) Benzaldehyde	6.95	77	24370	2.78	ng/ul
6) Phenol	7.00	94	34116	2.14	ng/ul
8) Bis(2-Chloroethyl)ether	7.23	93	26575	2.39	ng/ul
10) 2-Chlorophenol	7.37	128	25467	2.19	ng/ul
11) 2-Methylphenol	8.24	108	25113	2.01	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.34	45	28355	2.26	ng/ul
14) Acetophenone	8.62	105	49175	2.39	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	24466	2.24	ng/ul#
16) 4-Methylphenol	8.56	108	29469	2.10	ng/ul
17) Hexachloroethane	8.87	117	10732	2.37	ng/ul
20) Nitrobenzene	9.00	77	37332	2.40	ng/ul
21) Isophorone	9.52	82	73524	2.32	ng/ul
23) 2-Nitrophenol	9.70	139	17361	2.26	ng/ul
24) 2,4-Dimethylphenol	9.76	107	36114	2.13	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	40331	2.26	ng/ul
27) 2,4-Dichlorophenol	10.23	162	30150	2.16	ng/ul#
28) Naphthalene	10.64	128	92414	2.25	ng/ul#
30) 4-Chloroaniline	10.75	127	42551	2.35	ng/ul
31) Hexachlorobutadiene	10.92	225	21136	2.24	ng/ul
32) Caprolactam	11.53	113	11990	2.13	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	35709	2.06	ng/ul
34) 2-Methylnaphthalene	12.25	142	77841	2.32	ng/ul

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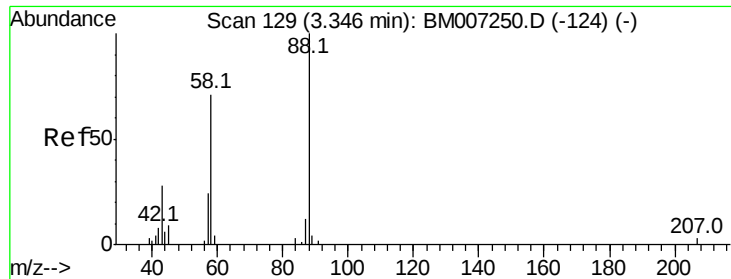
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45196	2.22	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	21959	1.79	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	29671	2.06	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	29794	1.99	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	107832	2.28	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	81937	2.21	ng/ul	100
42) 2-Nitroaniline	13.51	65	23901	1.97	ng/ul	97
44) Dimethylphthalate	13.89	163	127222	2.43	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	21583	2.01	ng/ul	97
47) Acenaphthylene	14.15	152	145641	2.32	ng/ul	97
48) 3-Nitroaniline	14.34	138	24031	2.20	ng/ul	92
49) Acenaphthene	14.50	153	94600	2.31	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	9998	1.37	ng/ul	92
52) 4-Nitrophenol	14.65	109	25970	2.46	ng/ul#	81
53) Dibenzofuran	14.83	168	143352	2.34	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	37426	2.28	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34003	2.21	ng/ul	94
56) Diethylphthalate	15.26	149	132937	2.43	ng/ul	97
58) Fluorene	15.48	166	123043	2.44	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	65163	2.47	ng/ul	99
60) 4-Nitroaniline	15.50	138	27755	2.23	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	24839	2.18	ng/ul#	83
64) N-Nitrosodiphenylamine	15.69	169	110177	2.32	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	44574	2.32	ng/ul	98
66) Hexachlorobenzene	16.48	284	51547	2.40	ng/ul	97
67) Atrazine	16.64	200	46375	2.31	ng/ul	97
68) Pentachlorophenol	16.83	266	25342	1.83	ng/ul	97
69) Phenanthrene	17.22	178	218838	2.40	ng/ul	99
71) Anthracene	17.31	178	229071	2.43	ng/ul	99
72) Carbazole	17.58	167	197113	2.41	ng/ul	98
73) Di-n-butylphthalate	18.14	149	234567	2.28	ng/ul	99
74) Fluoranthene	19.23	202	291203	2.54	ng/ul	99
77) Pyrene	19.60	202	324386	2.44	ng/ul	97
78) Butylbenzylphthalate	20.49	149	114627	2.07	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	121491	2.47	ng/ul	96
80) Benzo(a)anthracene	21.34	228	359573	2.46	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	180759	2.25	ng/ul#	97
82) Chrysene	21.39	228	326350	2.47	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	323374	2.34	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	386417	2.35	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	385026	2.54	ng/ul	97
88) Benzo(a)pyrene	23.53	252	394872	2.51	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	476631	2.47	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	398474	2.49	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	399243	2.44	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.79 ng/uL m

RT: 3.34 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

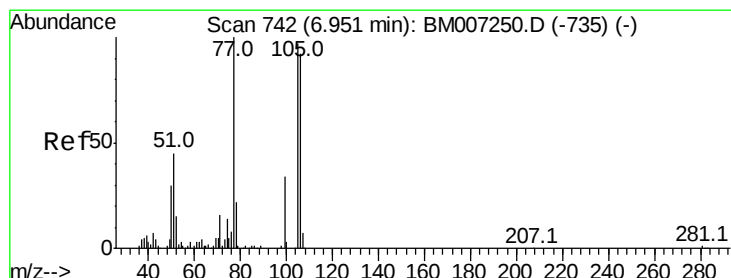
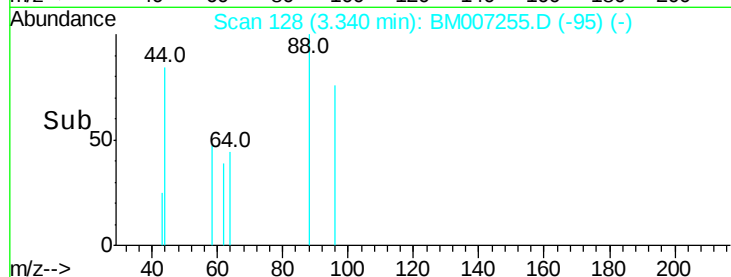
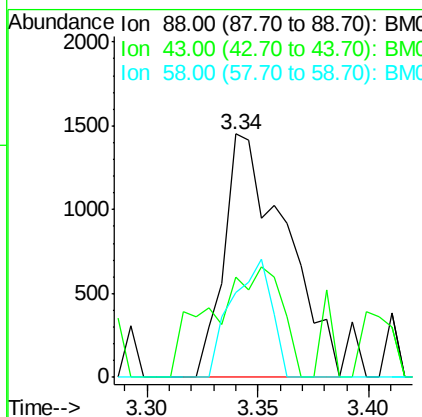
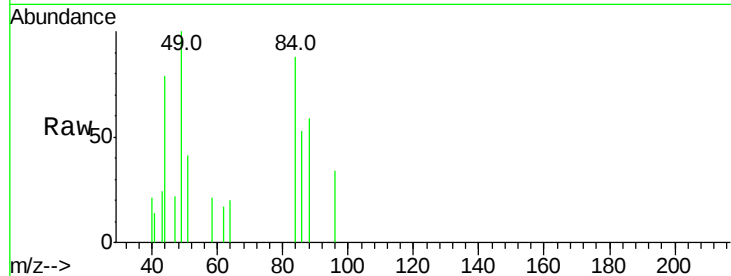
ClientSampleId :

MDL-02-S

Tot Ion:	88	Resp:	2805
Ion Ratio	Lower	Upper	
88	100		
43	18.6	22.6	34.0#
58	0.0	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.78 ng/uL

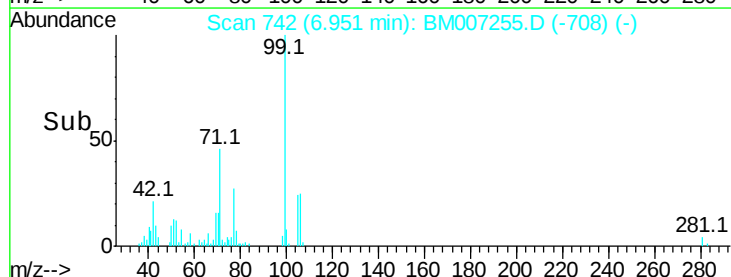
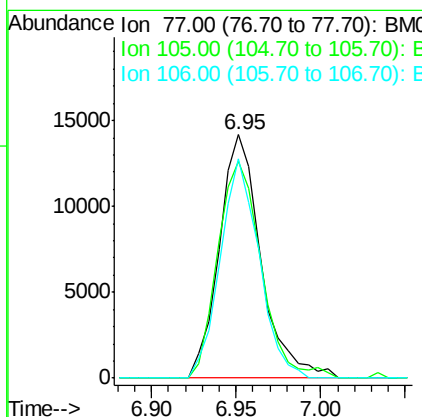
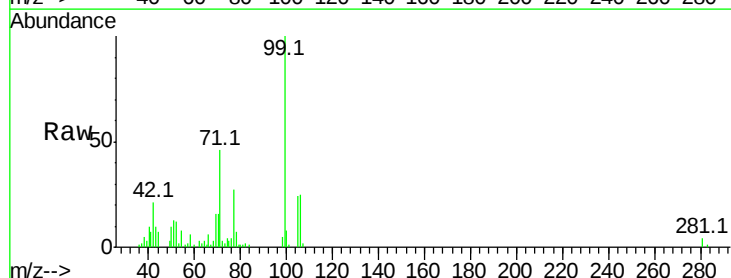
RT: 6.95 min Scan# 742

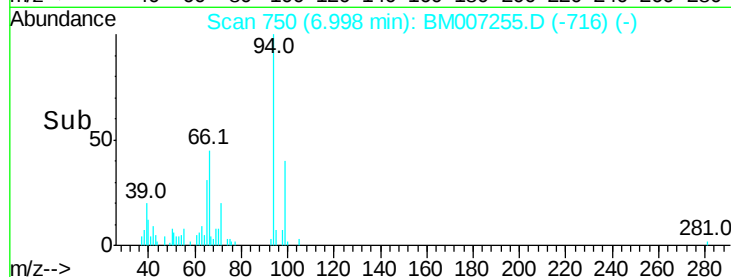
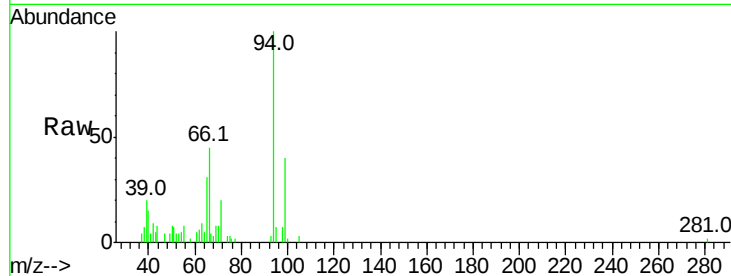
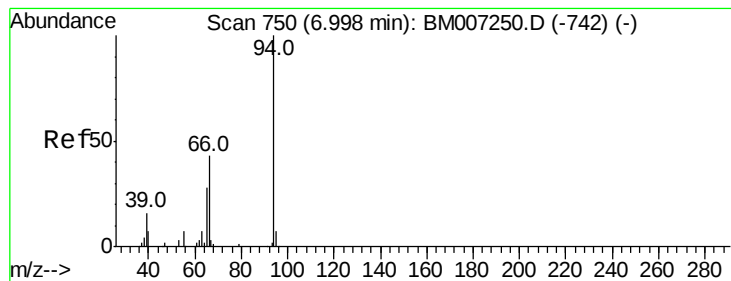
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	77	Resp:	24370
Ion Ratio	Lower	Upper	
77	100		
105	88.8	76.9	115.3
106	90.1	71.8	107.8





#6

Phenol

Concen: 2.14 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tot Ion:	94	Resp:	34116
Ion	Ratio	Lower	Upper
94	100		
65	31.3	23.9	35.9
66	45.1	33.5	50.3

Instrument :

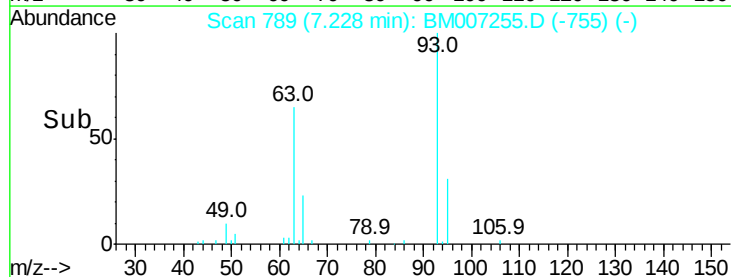
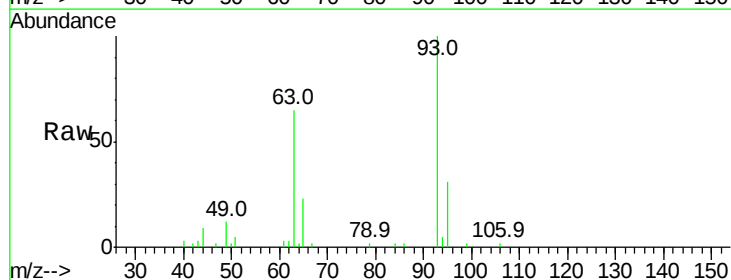
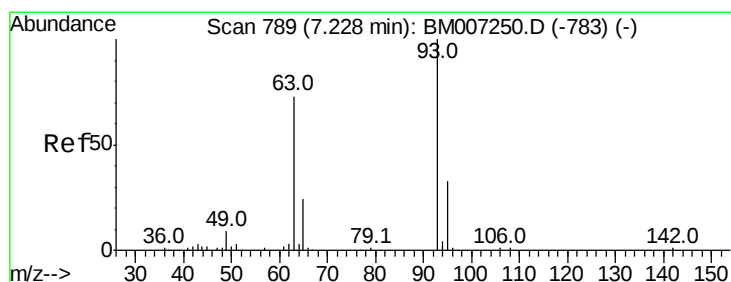
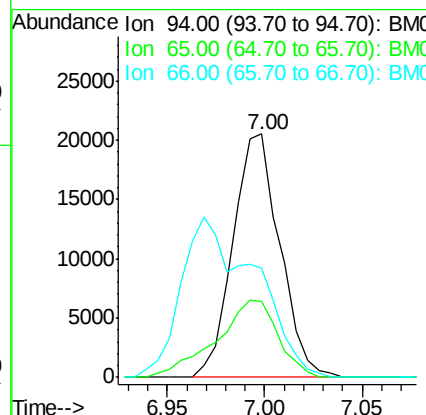
BNA_M

ClientSampled :

MDL-02-S

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#8

Bis(2-Chloroethyl)ether

Concen: 2.39 ng/ul

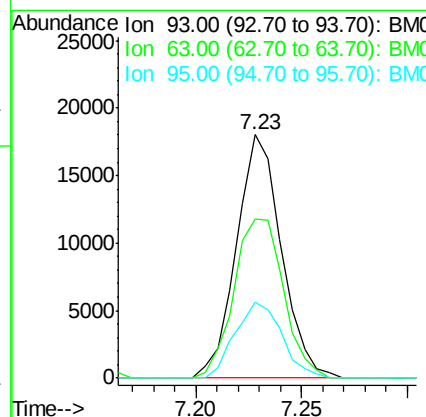
RT: 7.23 min Scan# 789

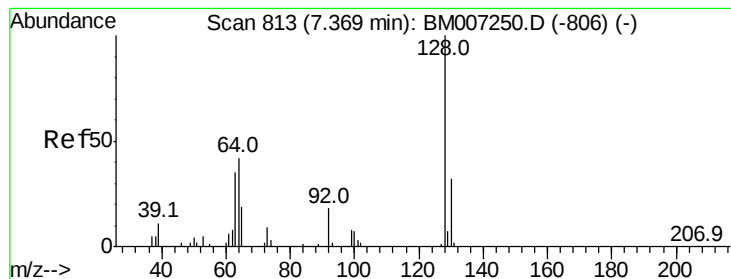
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	93	Resp:	26575
Ion	Ratio	Lower	Upper
93	100		
63	65.2	57.3	85.9
95	31.3	25.1	37.7





#10

2-Chlorophenol

Concen: 2.19 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

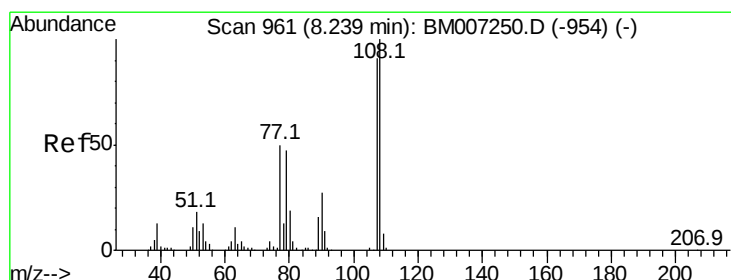
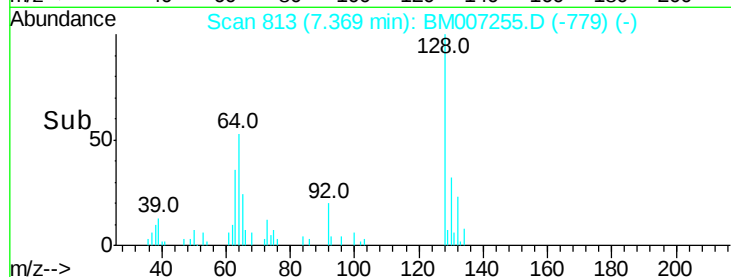
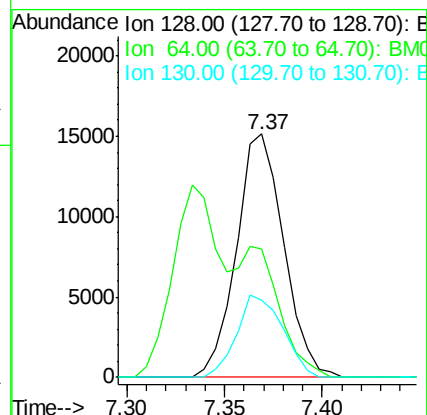
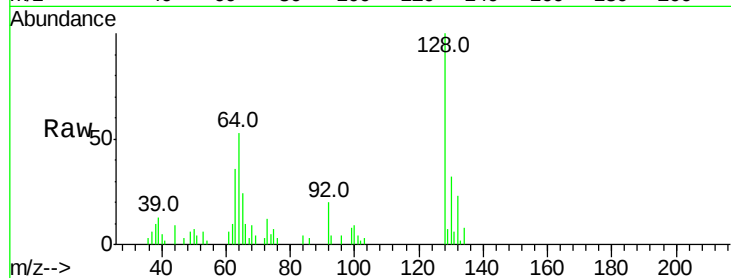
ClientSampleId :

MDL-02-S

Tot Ion:	128	Resp:	25467
Ion Ratio	Lower	Upper	
128	100		
64	52.9	37.5	56.3
130	31.6	25.0	37.4

Manual Integrations
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#11

2-Methylphenol

Concen: 2.01 ng/ul

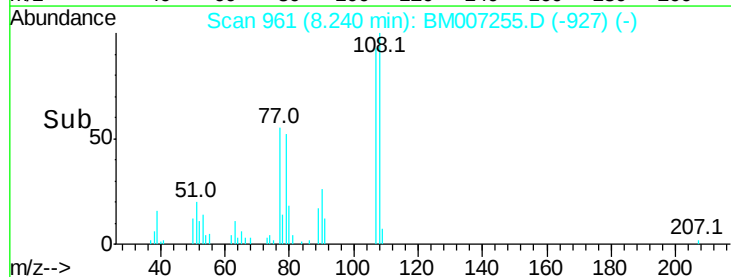
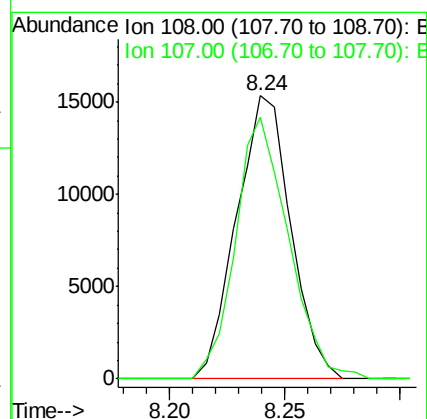
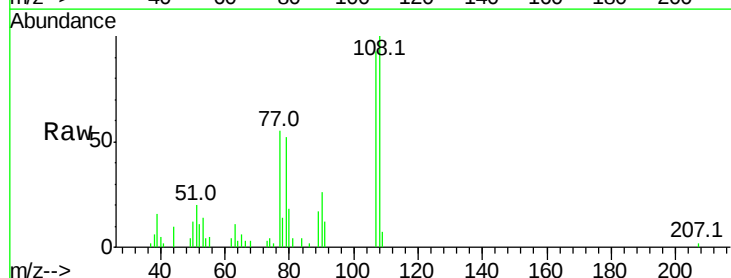
RT: 8.24 min Scan# 961

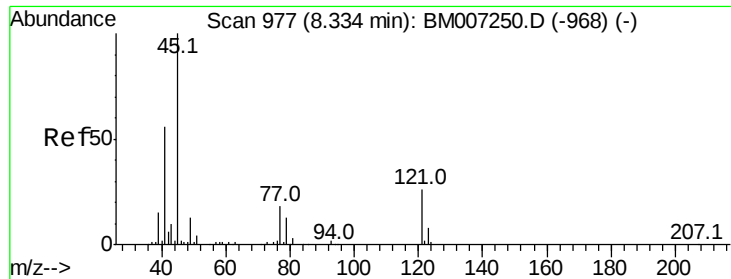
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	108	Resp:	25113
Ion Ratio	Lower	Upper	
108	100		
107	92.6	71.8	107.6





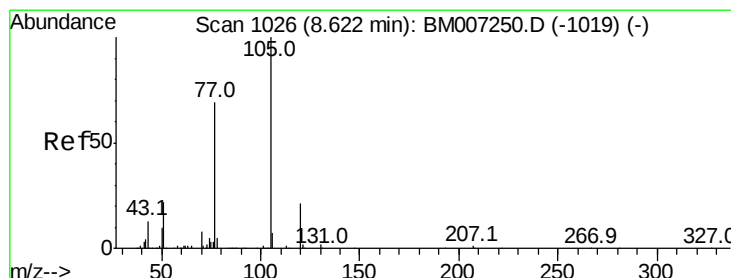
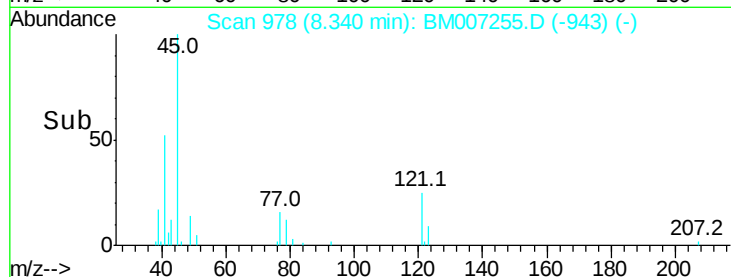
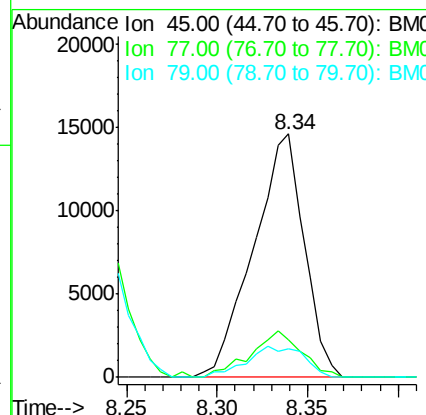
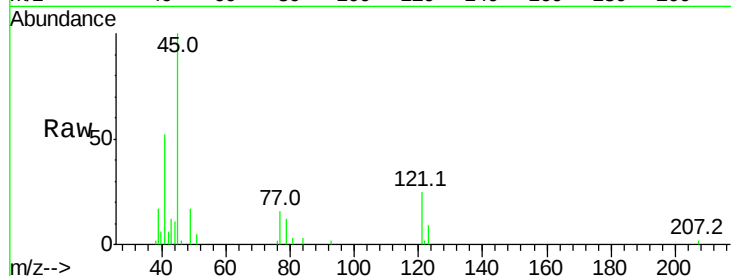
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.26 ng/ul
RT: 8.34 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

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Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	15.7	14.1	21.1
79	11.8	10.4	15.6

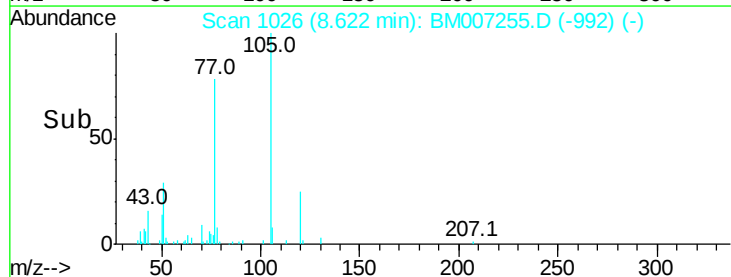
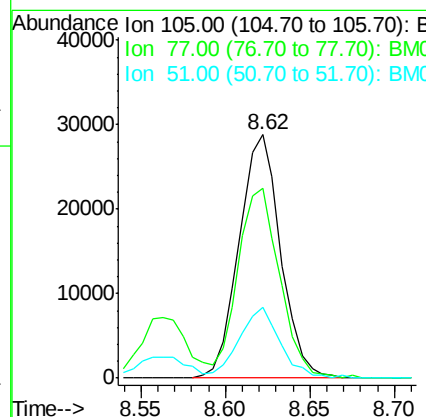
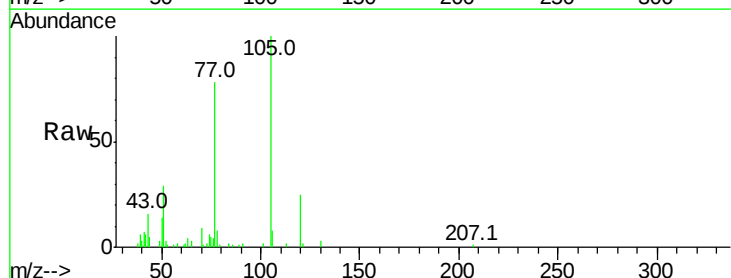
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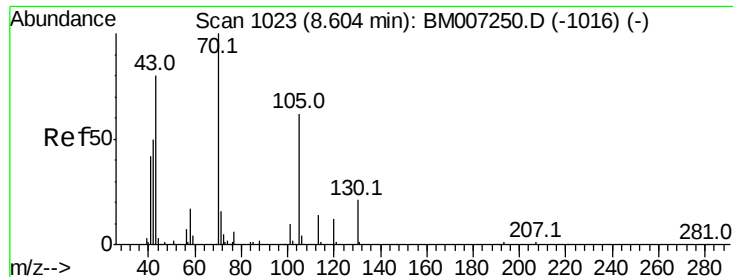
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#14
Acetophenone
Concen: 2.39 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	77.8	65.9	98.9
51	29.0	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.24 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

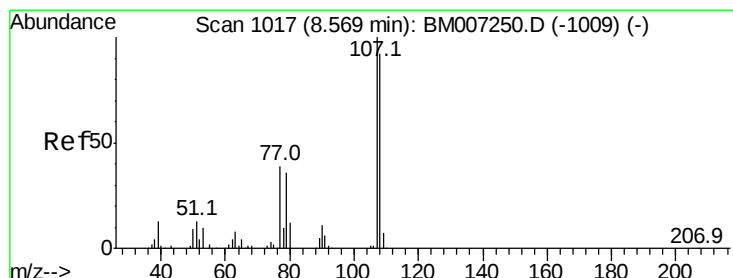
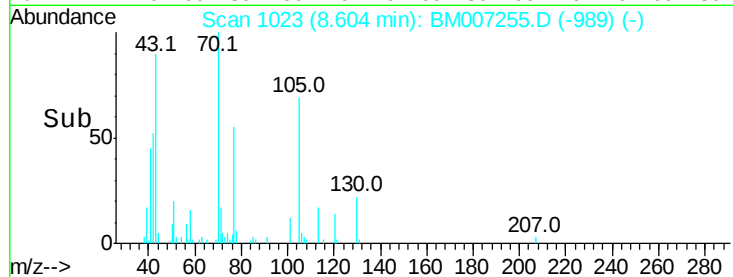
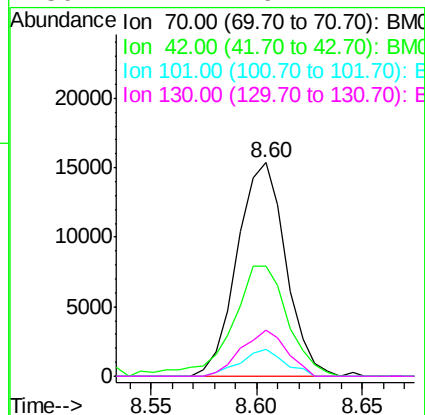
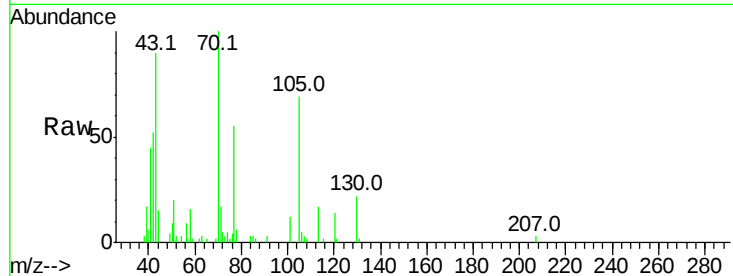
ClientSampleId :

MDL-02-S

Tot Ion:	70	Resp:	24466
Ion Ratio	Lower	Upper	
70	100		
42	51.6	43.4	65.2
101	12.5	7.8	11.6#
130	21.7	16.2	24.4

Manual Integrations
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#16

4-Methylphenol

Concen: 2.10 ng/ul

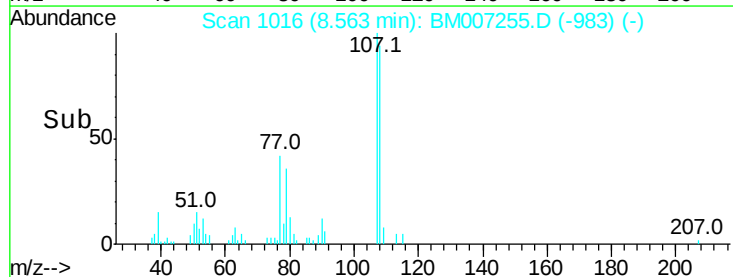
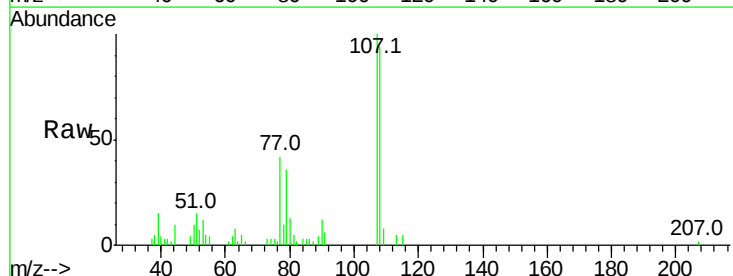
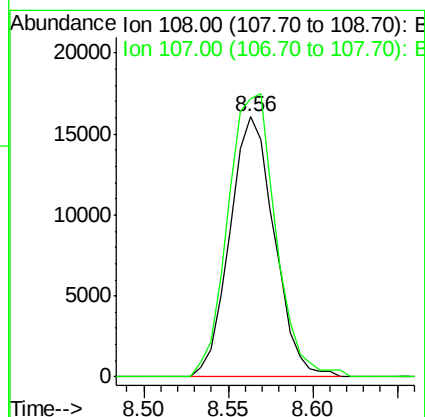
RT: 8.56 min Scan# 1016

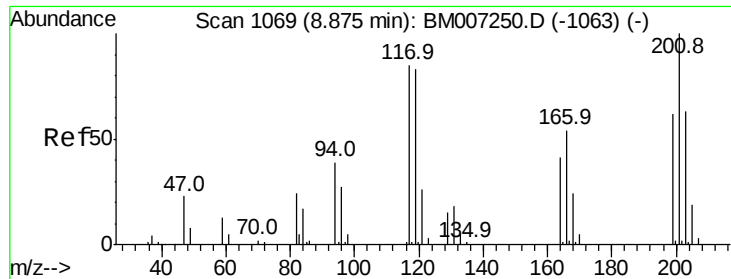
Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	108	Resp:	29469
Ion Ratio	Lower	Upper	
108	100		
107	106.9	87.8	131.8





#17

Hexachloroethane

Concen: 2.37 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

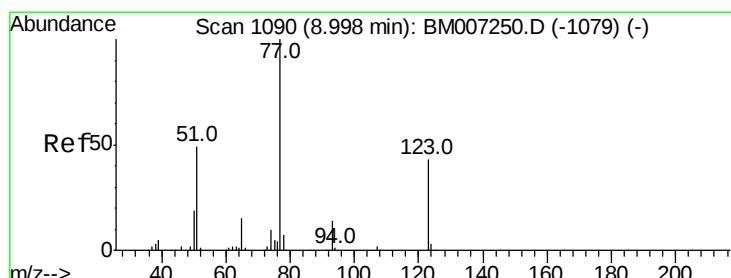
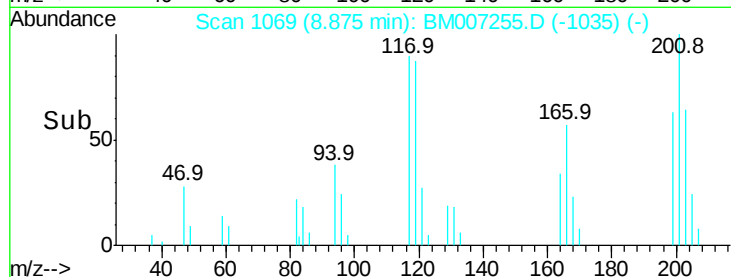
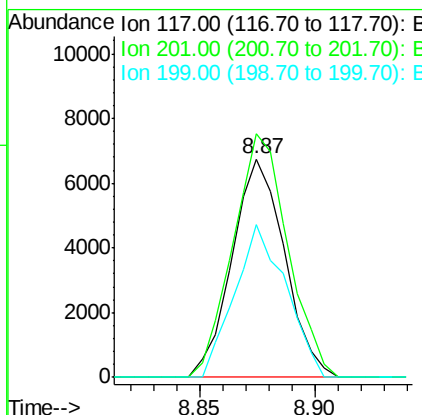
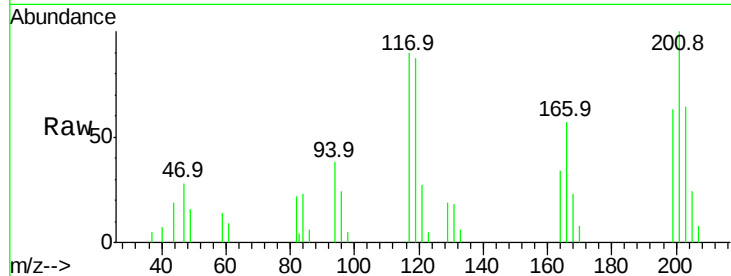
ClientSampled :

MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	10732		
201	111.5	90.3	135.5	
199	69.9	58.5	87.7	

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#20

Nitrobenzene

Concen: 2.40 ng/ul

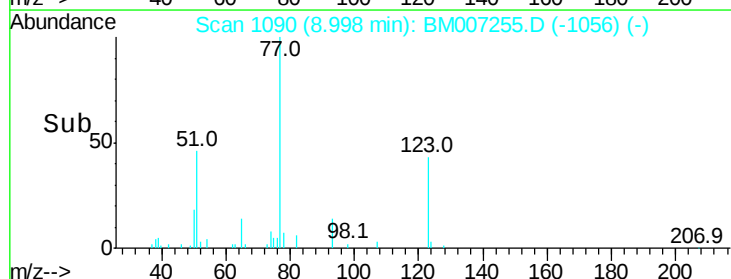
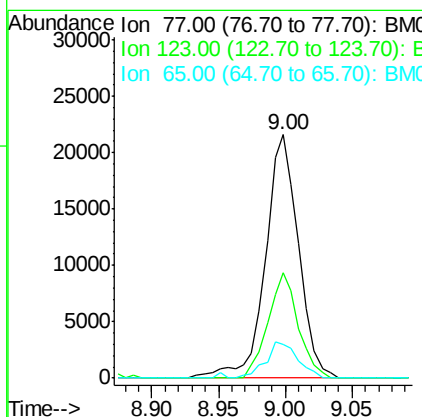
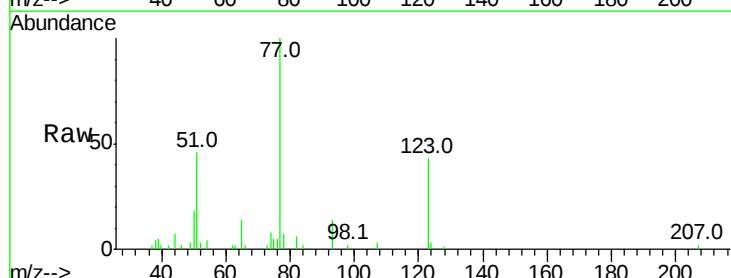
RT: 9.00 min Scan# 1090

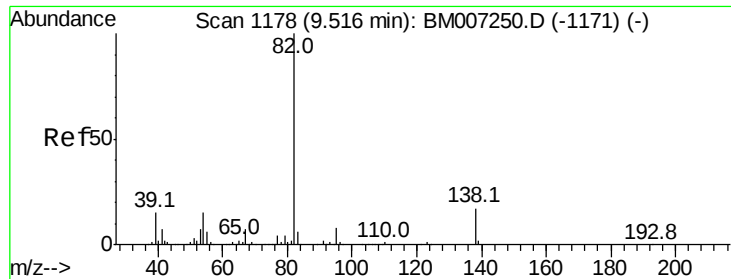
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	37332		
123	43.4	34.2	51.4	
65	14.0	11.0	16.6	





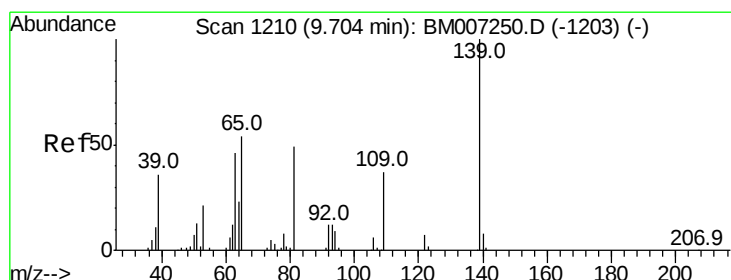
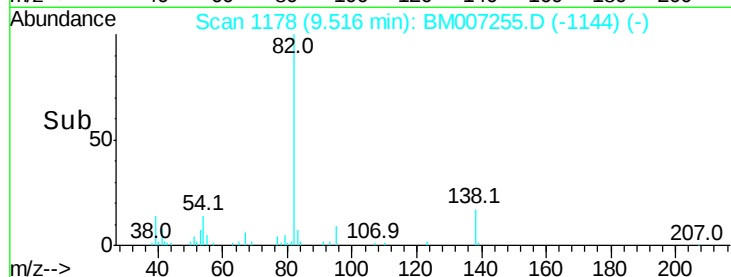
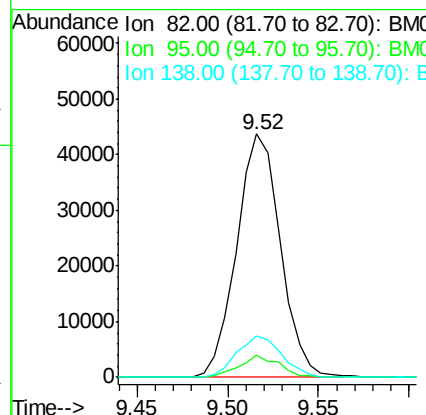
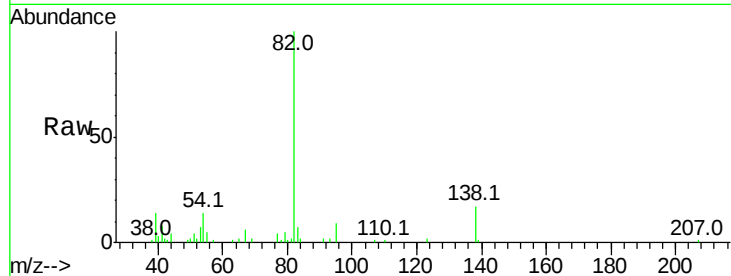
#21
Isophorone
Concen: 2.32 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	73524		
95	9.3		6.9	10.3
138	16.7		13.8	20.8

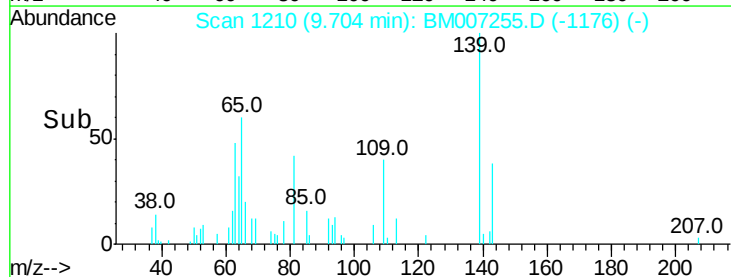
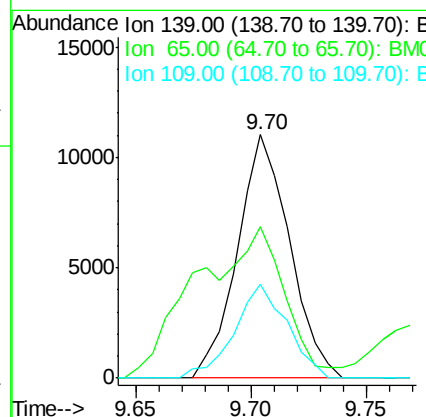
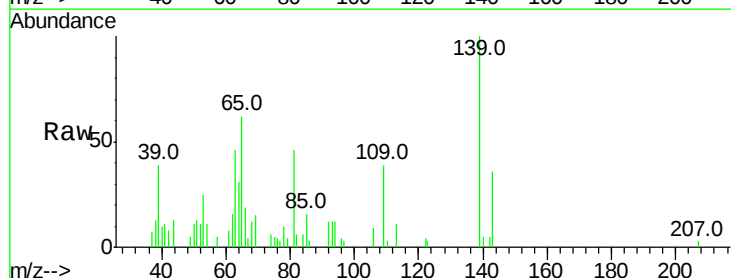
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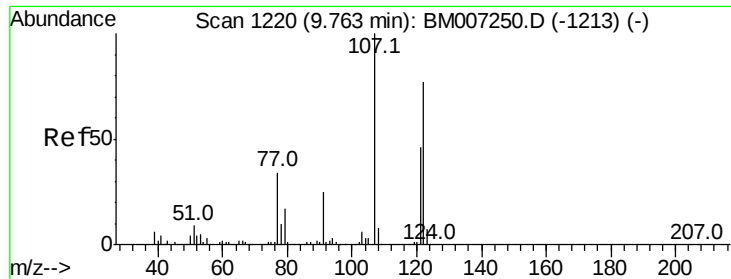
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#23
2-Nitrophenol
Concen: 2.26 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	17361		
65	62.3		44.2	66.4
109	38.7		28.2	42.4





#24

2,4-Dimethylphenol

Concen: 2.13 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

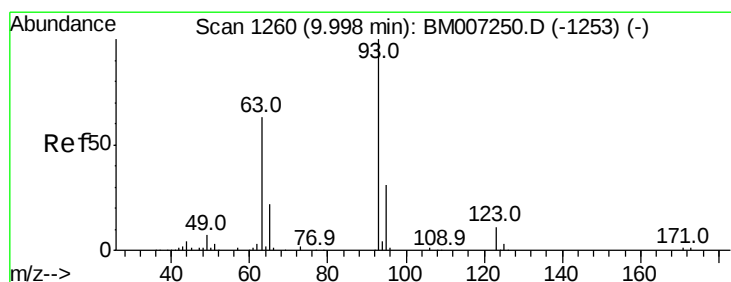
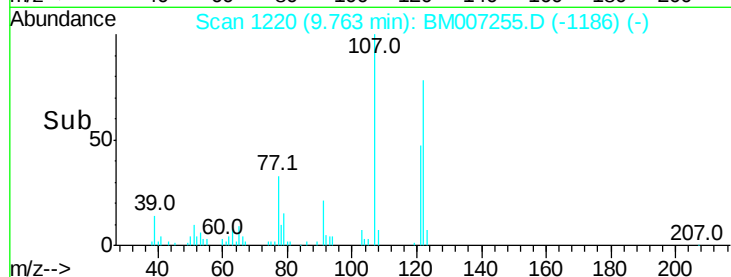
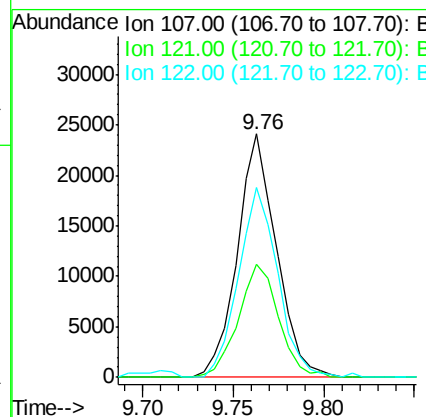
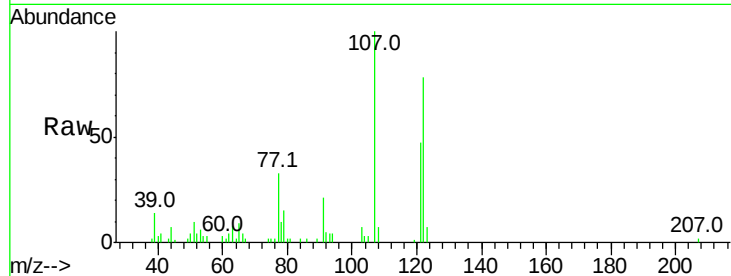
ClientSampleId :

MDL-02-S

Tot Ion:	107	Resp:	36114
Ion Ratio	Lower	Upper	
107	100		
121	46.6	37.1	55.7
122	78.1	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.26 ng/ul

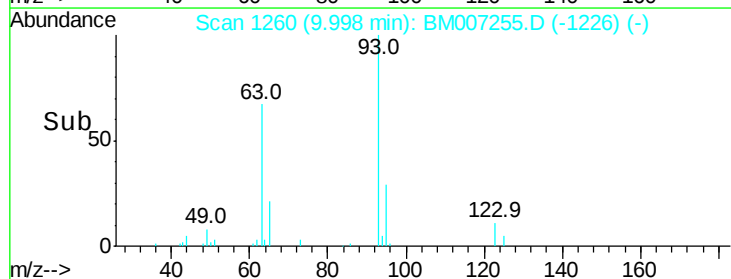
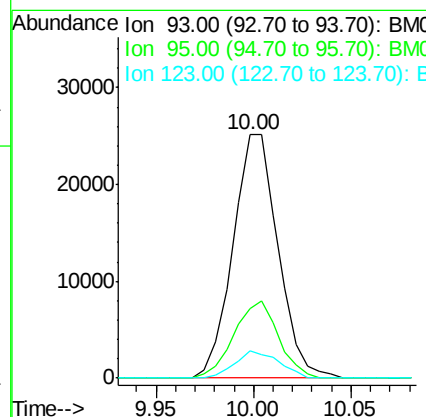
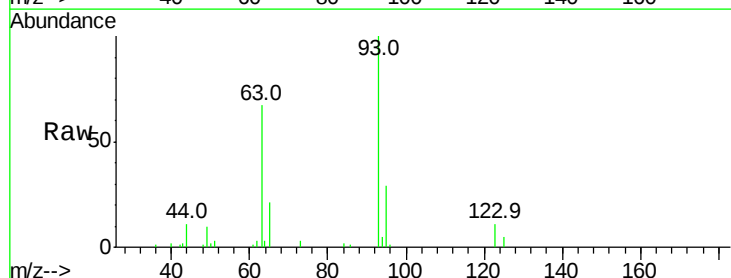
RT: 10.00 min Scan# 1260

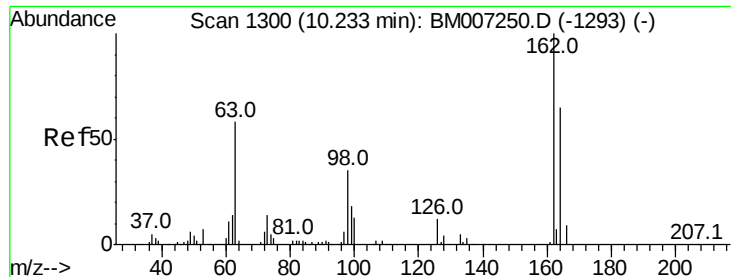
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	93	Resp:	40331
Ion Ratio	Lower	Upper	
93	100		
95	28.6	25.4	38.0
123	11.2	8.3	12.5





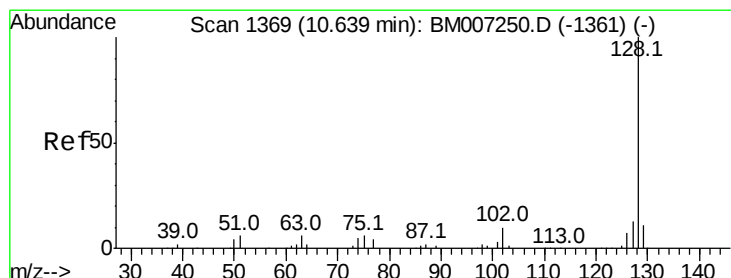
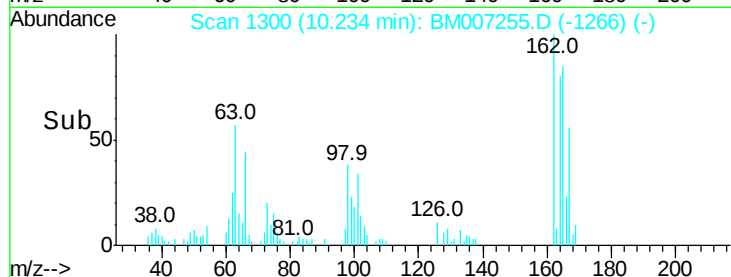
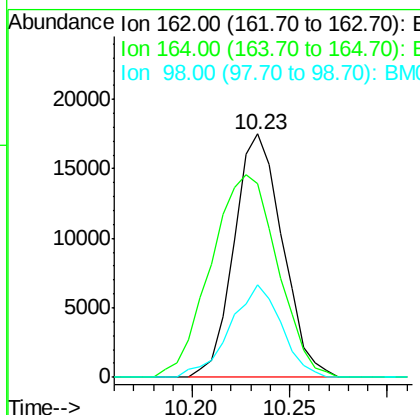
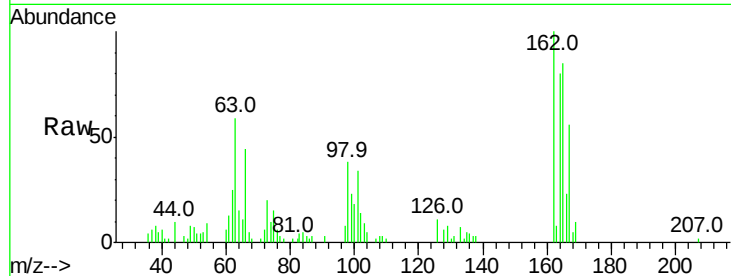
#27
 2,4-Dichlorophenol
 Concen: 2.16 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	79.7	51.6	77.4#	
98	38.0	28.4	42.6	

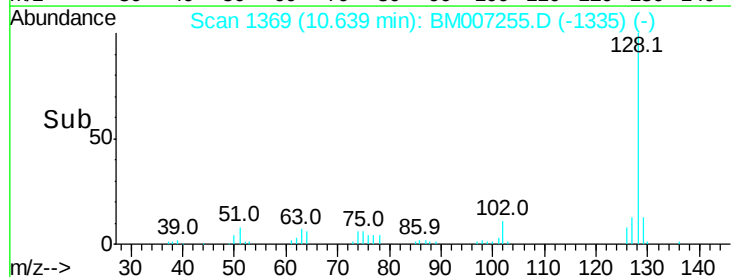
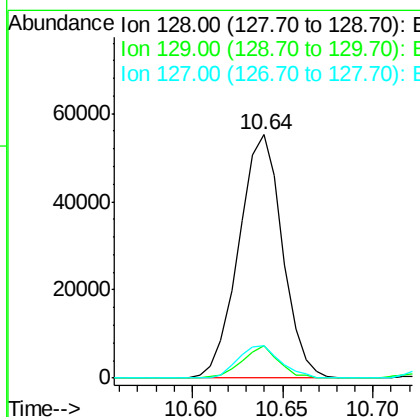
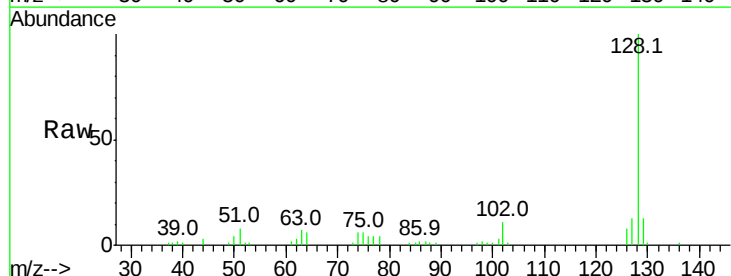
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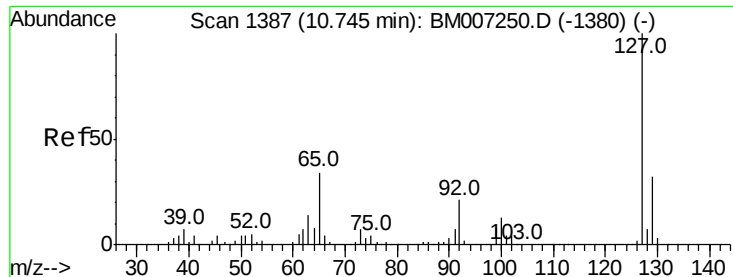
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#28
 Naphthalene
 Concen: 2.25 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	13.5	8.6	12.8#	
127	13.1	10.6	15.8	





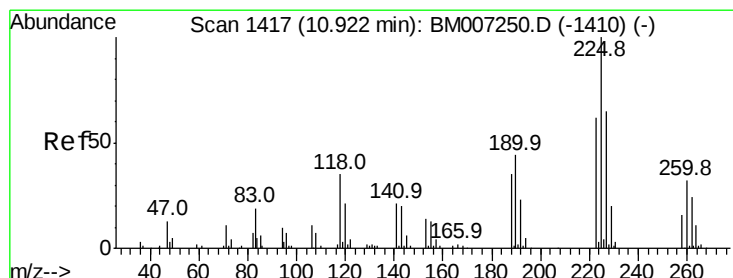
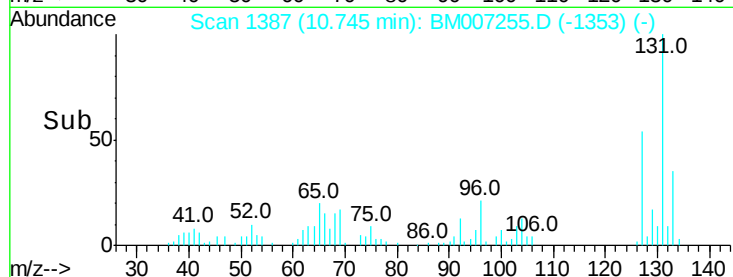
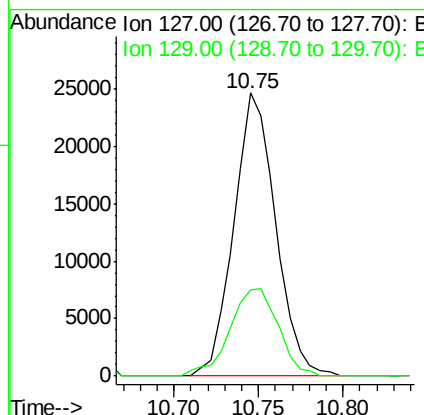
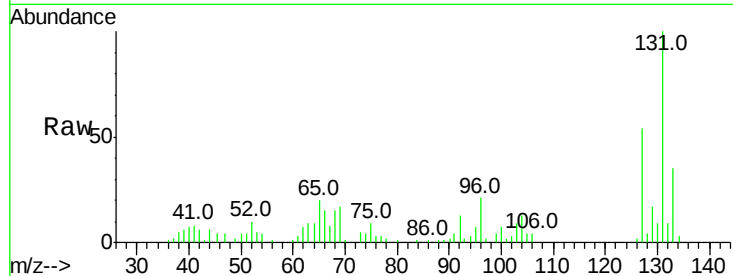
#30
4-Chloroaniline
Concen: 2.35 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

Tot Ion:127 Resp: 42551
Ion Ratio Lower Upper
127 100
129 30.6 24.6 37.0

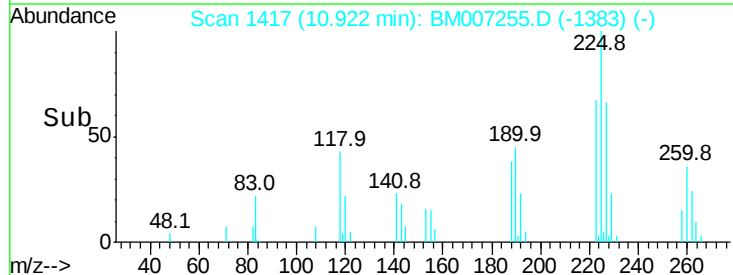
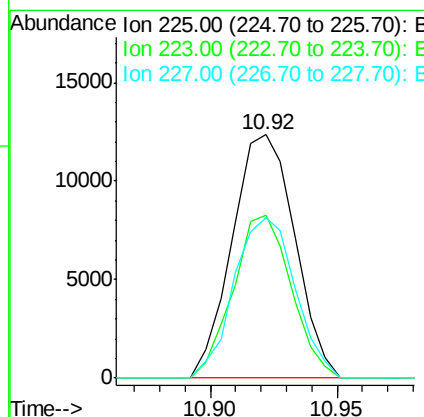
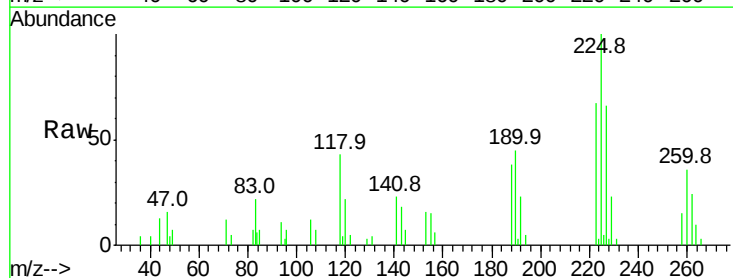
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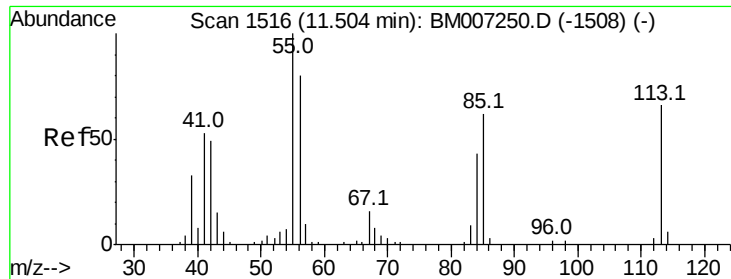
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#31
Hexachlorobutadiene
Concen: 2.24 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion:225 Resp: 21136
Ion Ratio Lower Upper
225 100
223 67.2 51.2 76.8
227 68.6 52.5 78.7





#32

Caprolactam

Concen: 2.13 ng/ul

RT: 11.53 min Scan# 1521

Delta R.T. 0.03 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

Tot Ion:113 Resp: 11990

Ion Ratio Lower Upper

113 100

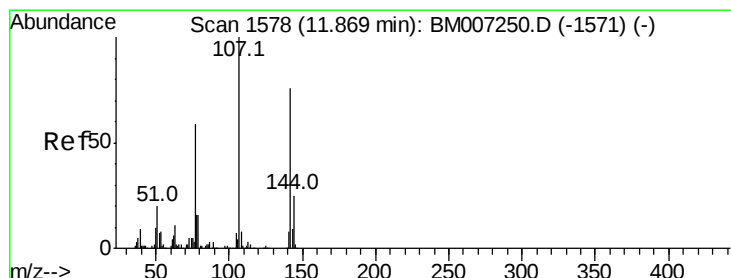
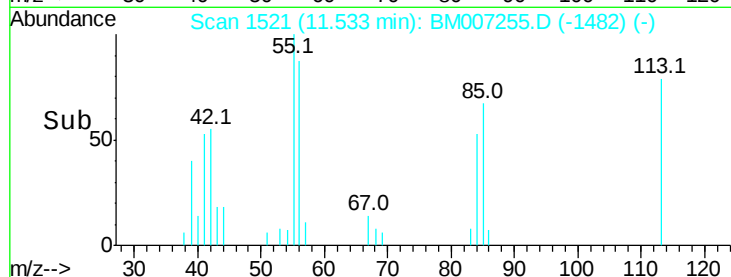
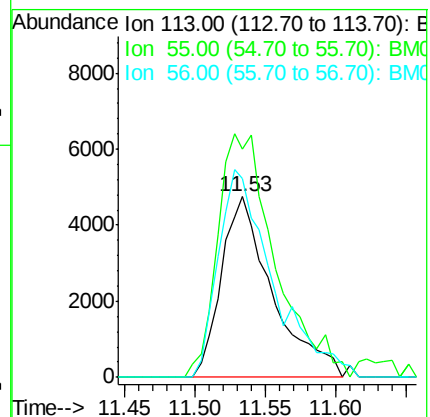
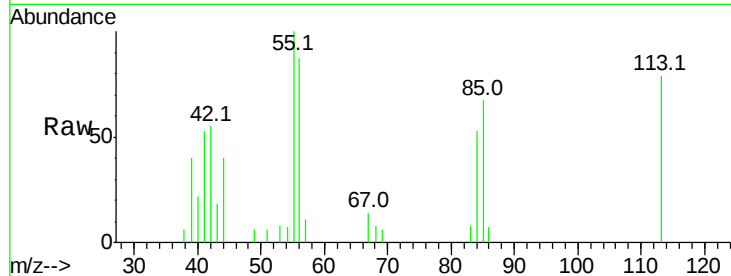
55 126.5 121.9 182.9

56 110.5 97.4 146.0

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#33

4-Chloro-3-methylphenol

Concen: 2.06 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

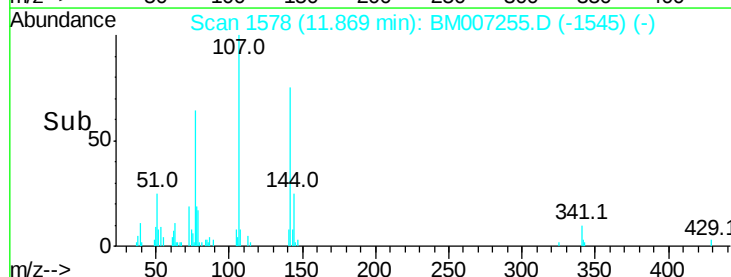
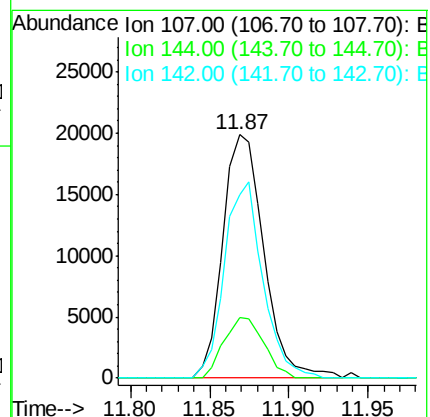
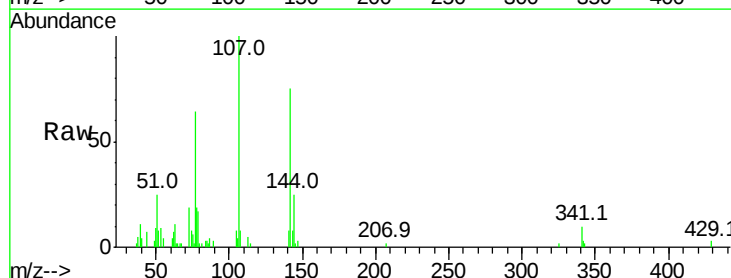
Tgt Ion:107 Resp: 35709

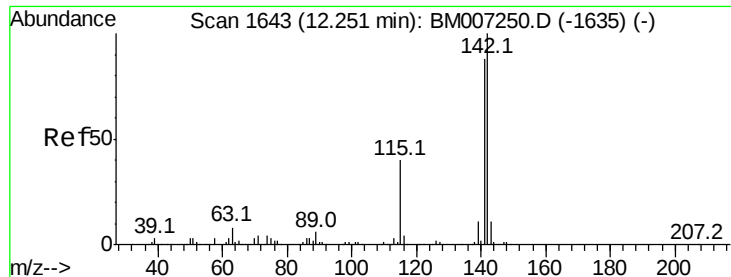
Ion Ratio Lower Upper

107 100

144 25.0 21.1 31.7

142 75.4 64.1 96.1





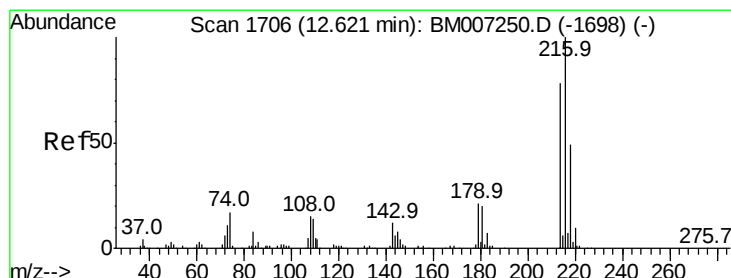
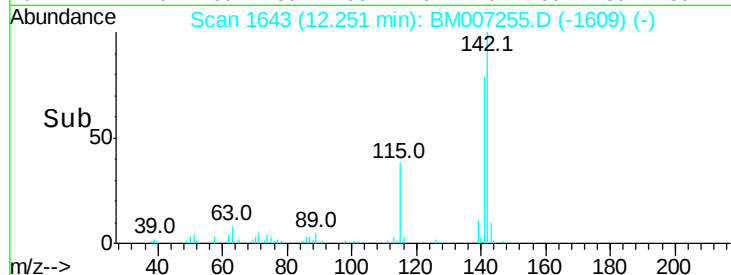
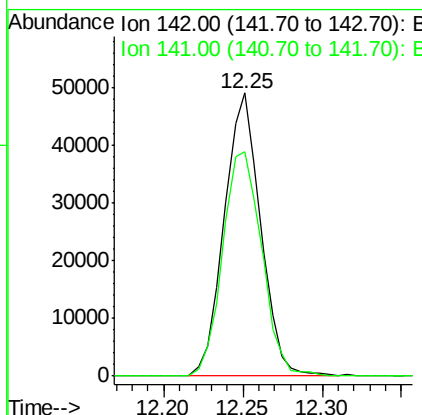
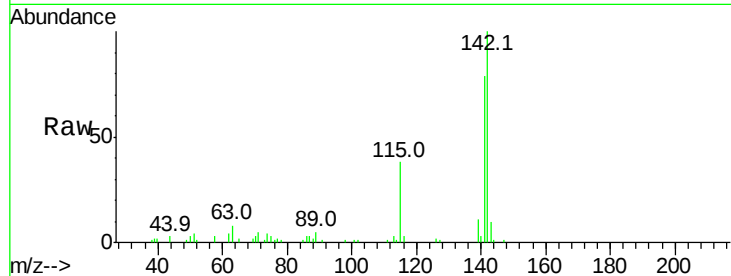
#34
2-Methylnaphthalene
Concen: 2.32 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

Tot Ion:142 Resp: 77841
Ion Ratio Lower Upper
142 100
141 79.3 71.3 106.9

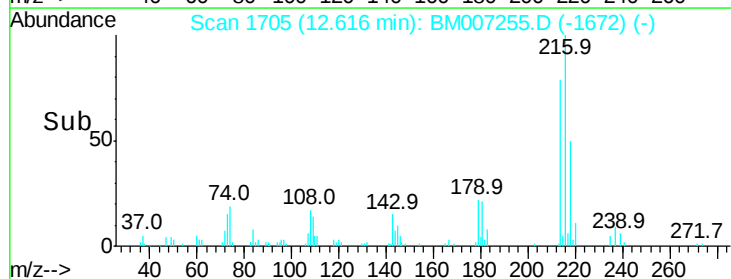
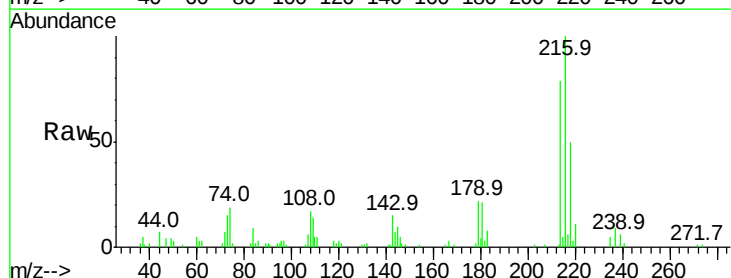
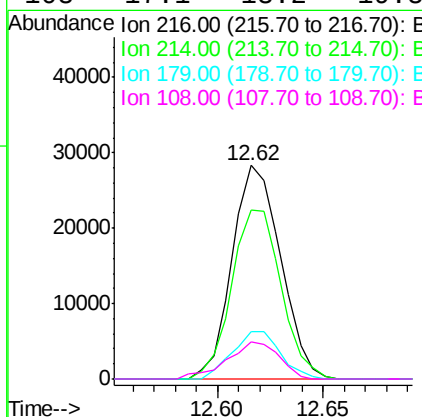
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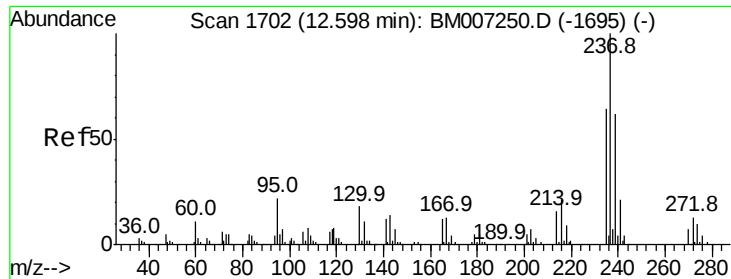
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.22 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion:216 Resp: 45196
Ion Ratio Lower Upper
216 100
214 78.9 64.8 97.2
179 22.5 16.7 25.1
108 17.1 13.2 19.8





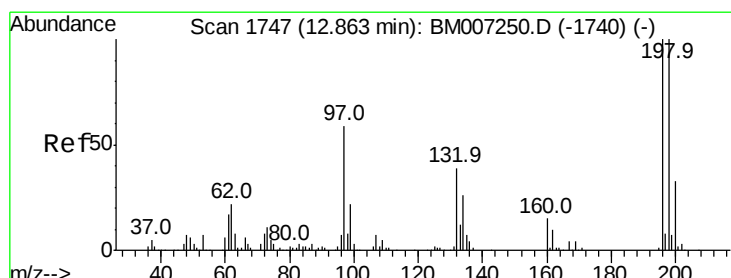
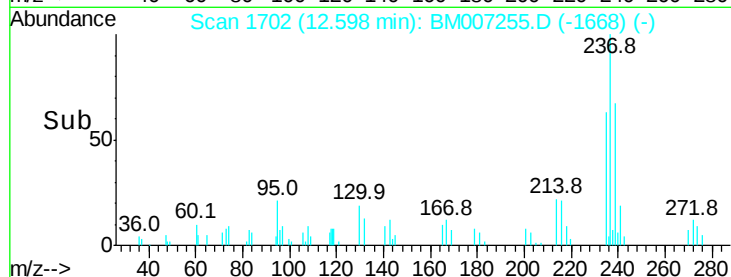
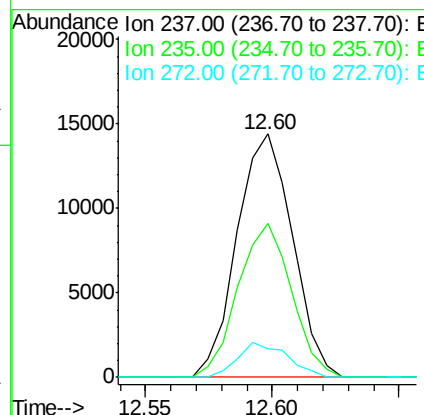
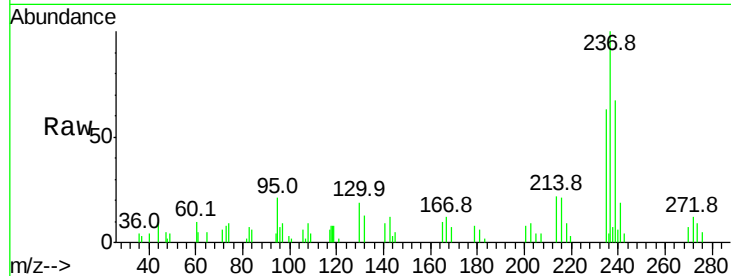
#37
Hexachlorocyclopentadiene
Concen: 1.79 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
237	100	21959		
235	63.3		49.6	74.4
272	11.9		10.4	15.6

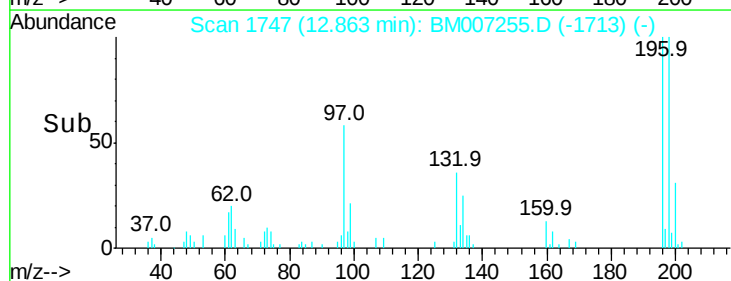
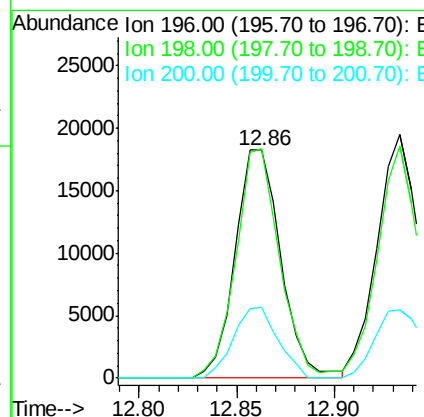
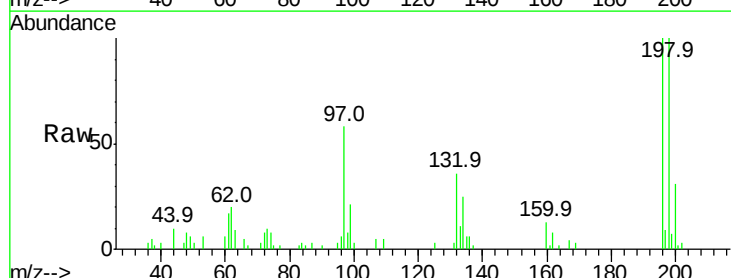
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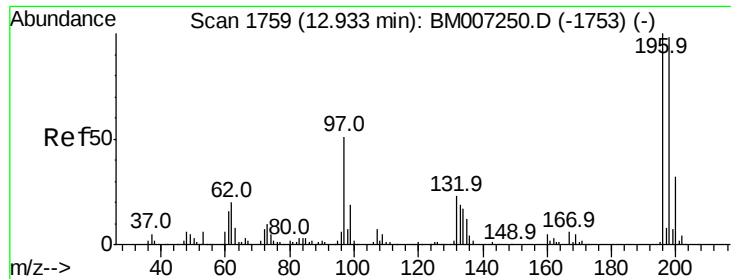
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#38
2,4,6-Trichlorophenol
Concen: 2.06 ng/ul
RT: 12.86 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29671		
198	100.4		76.9	115.3
200	32.7		25.1	37.7





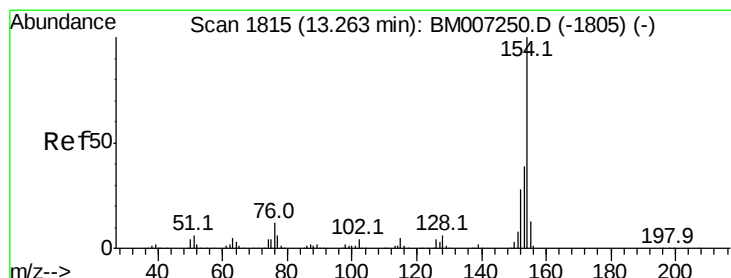
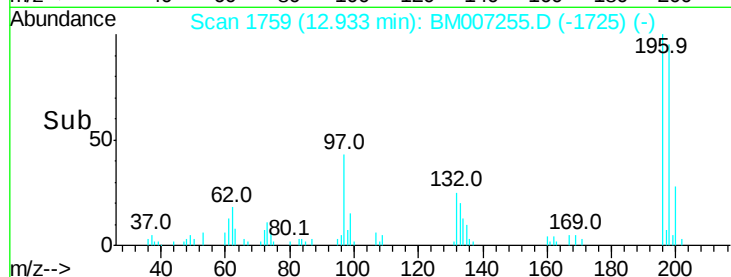
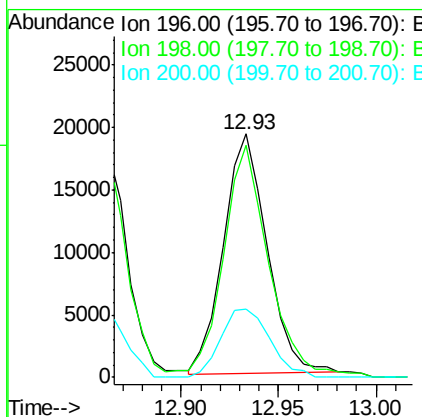
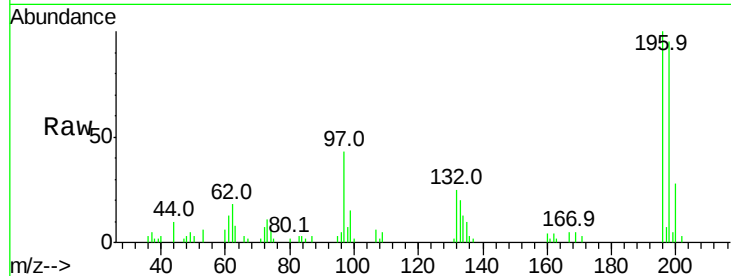
#39
 2,4,5-Trichlorophenol
 Concen: 1.99 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampled :
 MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
196	100	29794		
198	95.1	76.8	115.2	
200	28.1	27.0	40.4	

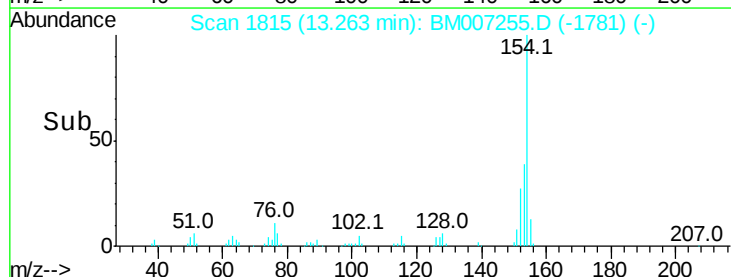
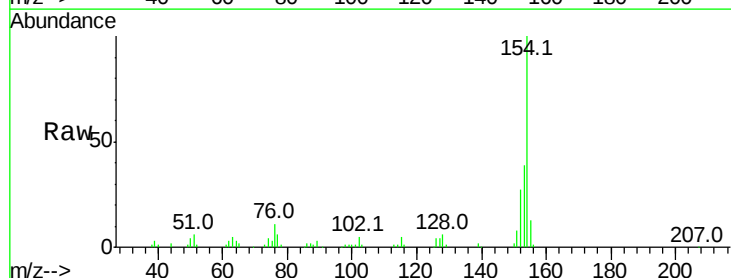
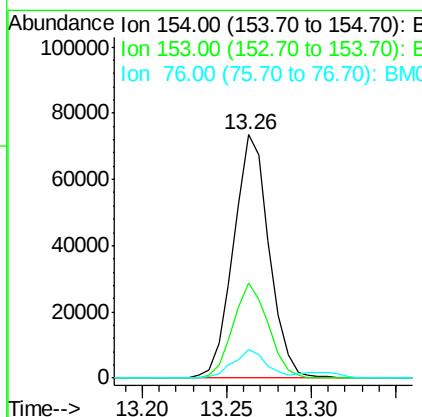
Manual Integrations
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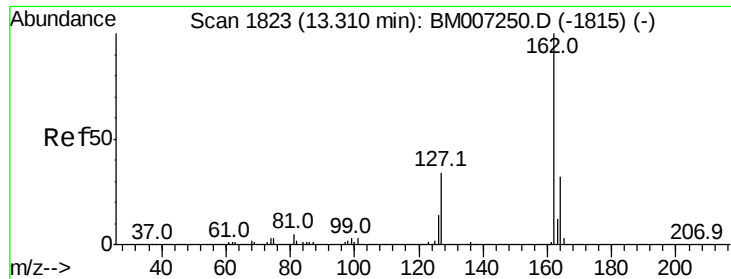
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#40
 1,1'-Biphenyl
 Concen: 2.28 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	107832		
153	39.2	31.3	46.9	
76	11.5	10.0	15.0	





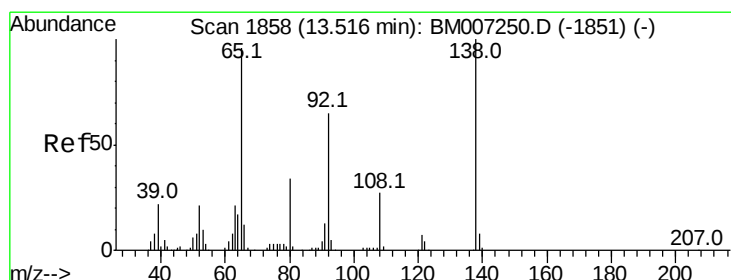
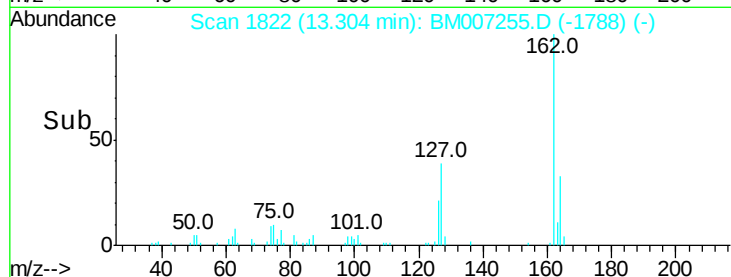
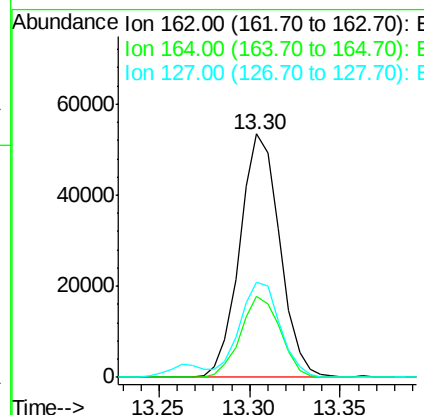
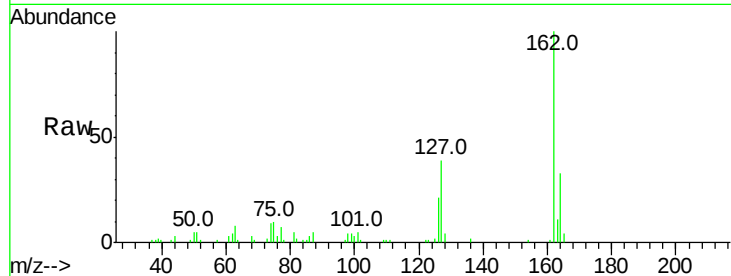
#41
 2-Chloronaphthalene
 Concen: 2.21 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.5	26.9	40.3
127	39.0	31.2	46.8

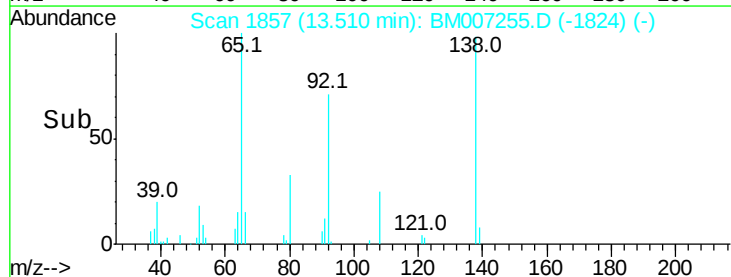
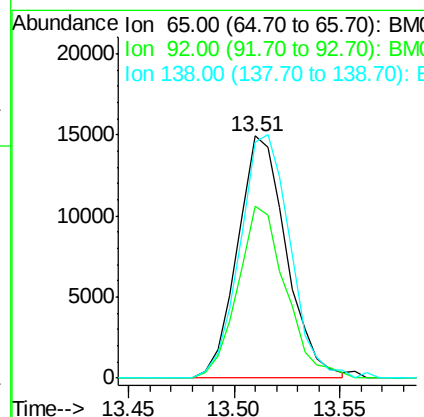
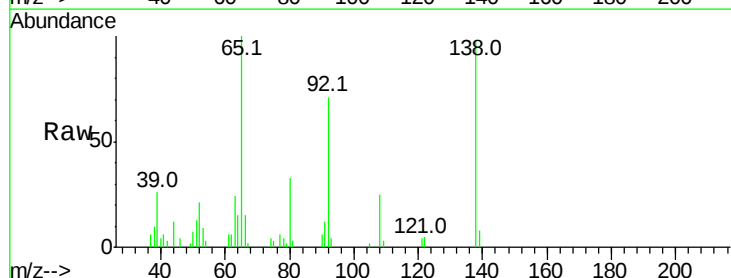
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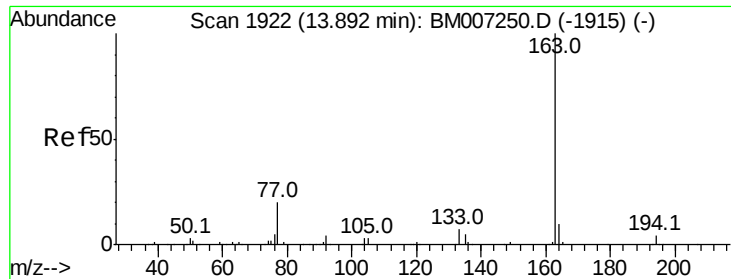
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#42
 2-Nitroaniline
 Concen: 1.97 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.6	83.4
138	97.8	81.3	121.9





#44

Dimethylphthalate

Concen: 2.43 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

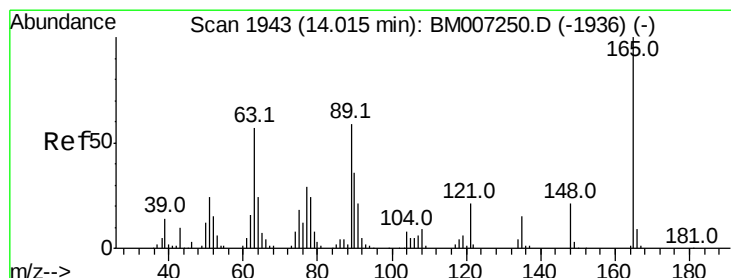
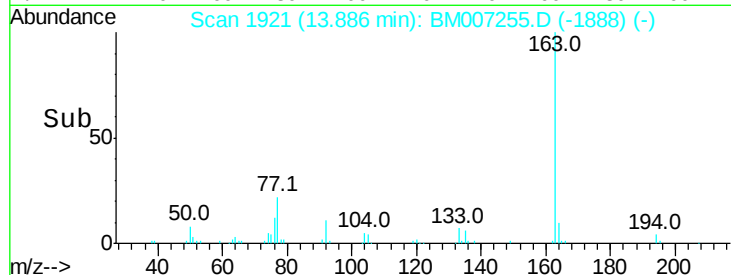
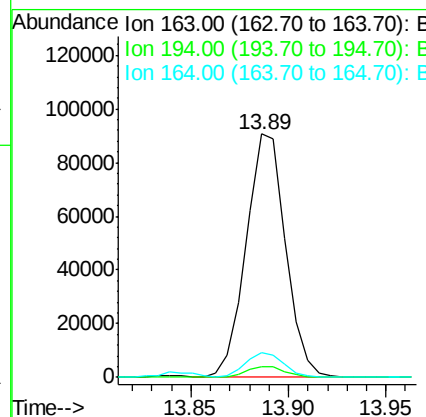
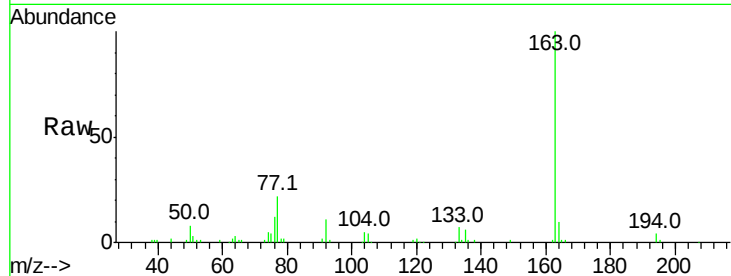
ClientSampleId :

MDL-02-S

Tot Ion:	163	Resp:	127222
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.4	7.8	11.8

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#45

2,6-Dinitrotoluene

Concen: 2.01 ng/ul

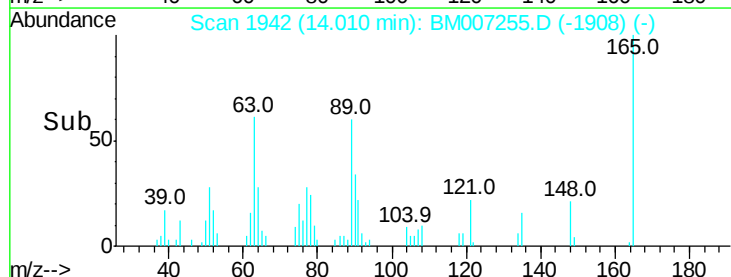
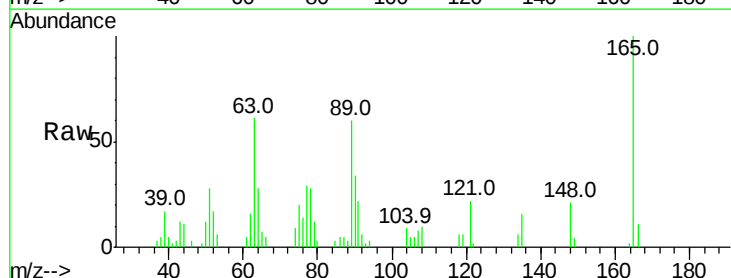
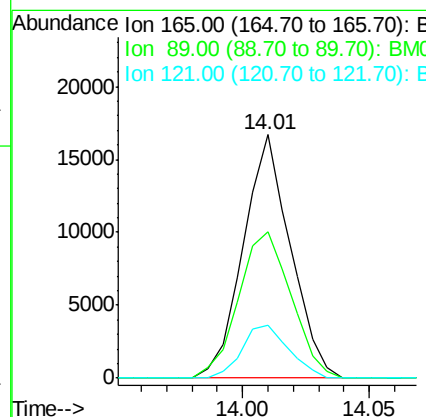
RT: 14.01 min Scan# 1942

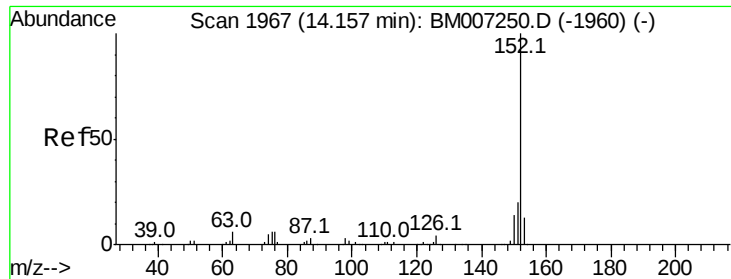
Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	165	Resp:	21583
Ion Ratio	Lower	Upper	
165	100		
89	60.2	46.6	69.8
121	21.8	16.0	24.0





#47

Acenaphthylene

Concen: 2.32 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

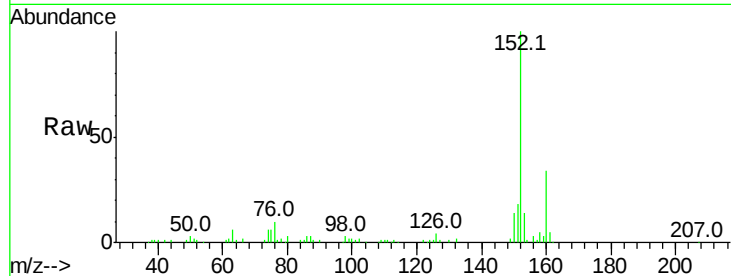
ClientSampled :

MDL-02-S

Tot Ion:	152	Resp:	145641
Ion Ratio	Lower	Upper	
152	100		
151	18.0	16.0	24.0
153	13.6	11.0	16.6

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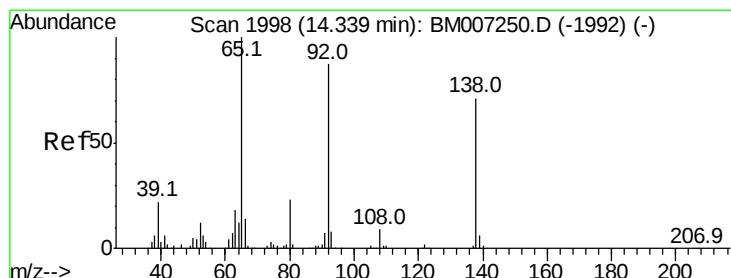
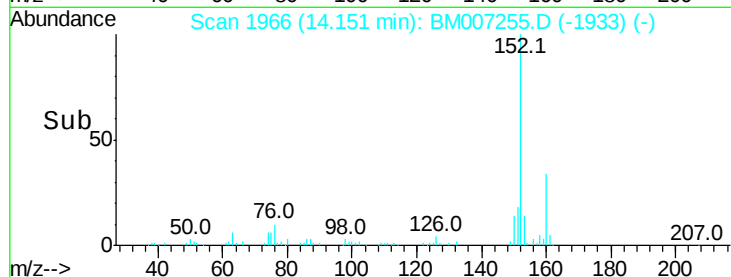
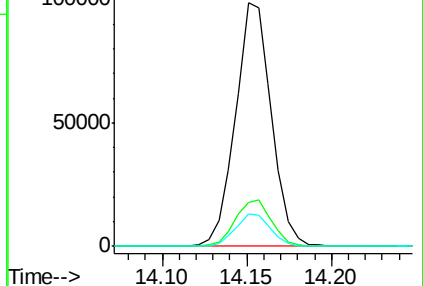
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 2.20 ng/ul

RT: 14.34 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BM007255.D

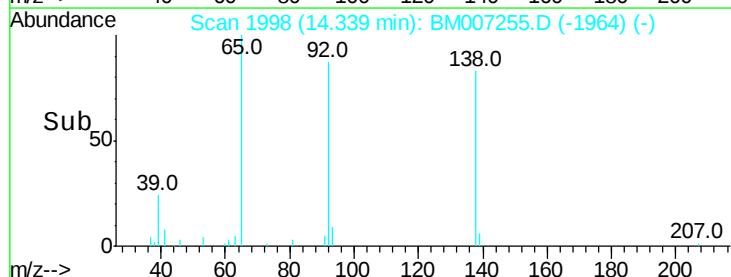
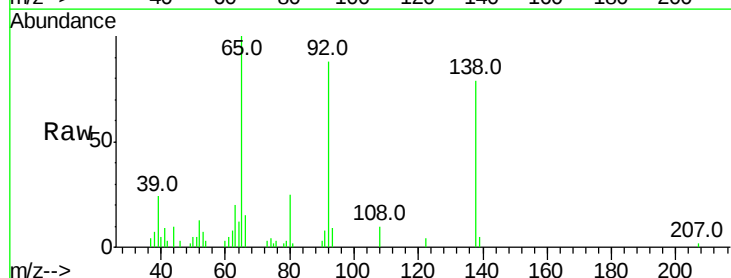
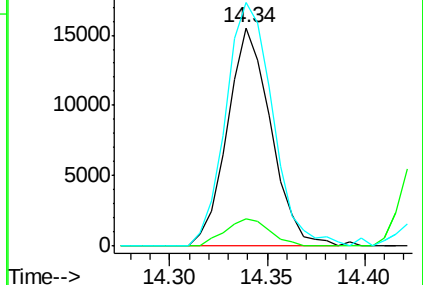
Acq: 23 Aug 2016 16:49

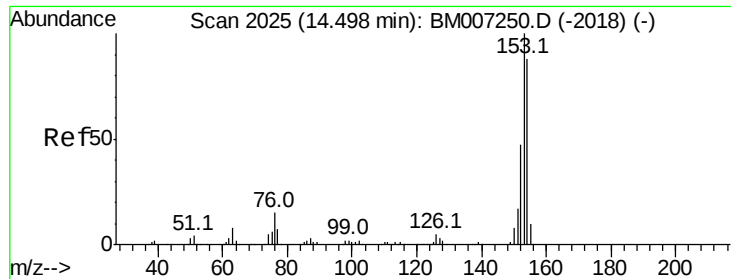
Tgt Ion:	138	Resp:	24031
Ion Ratio	Lower	Upper	
138	100		
108	12.6	9.4	14.0
92	111.5	96.6	145.0

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: 2.31 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

Tot Ion:153 Resp: 94600

Ion Ratio Lower Upper

153 100

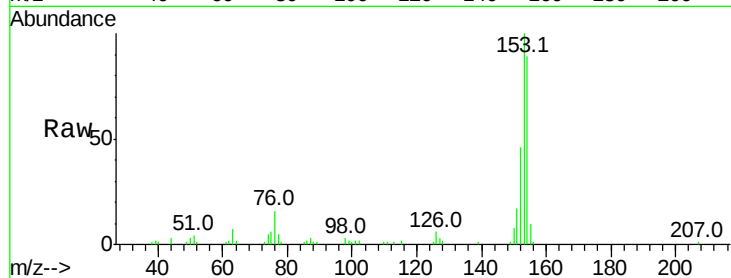
152 45.7 37.8 56.6

154 89.4 71.4 107.0

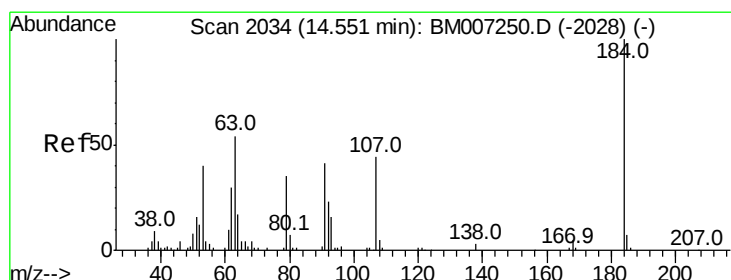
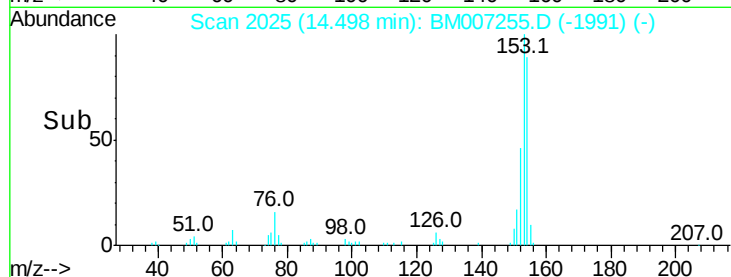
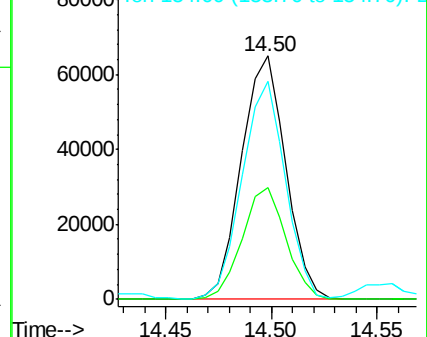
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.37 ng/ul

RT: 14.55 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

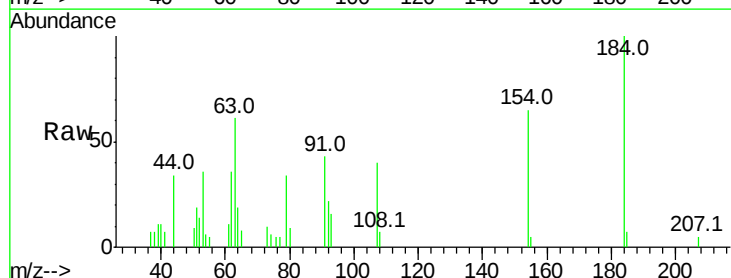
Tgt Ion:184 Resp: 9998

Ion Ratio Lower Upper

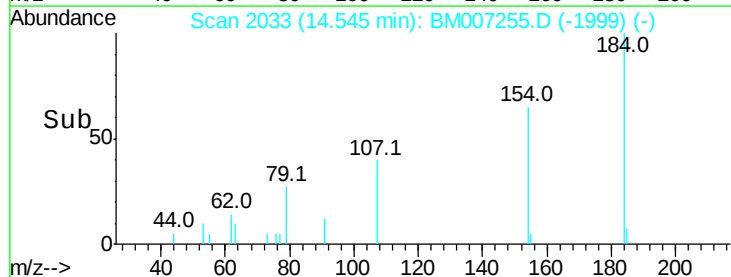
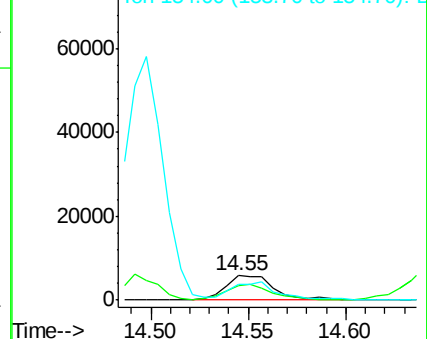
184 100

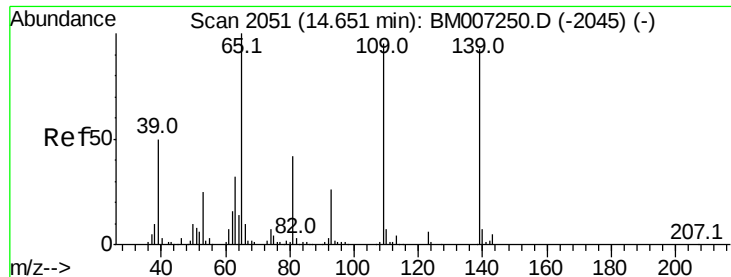
63 60.9 43.4 65.0

154 64.9 48.2 72.4



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





#52

4-Nitrophenol

Concen: 2.46 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

Tot Ion:109 Resp: 25970

Ion Ratio Lower Upper

109 100

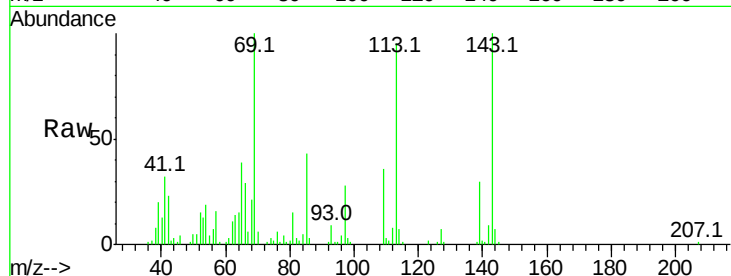
139 81.7 88.7 133.1#

65 107.4 96.4 144.6

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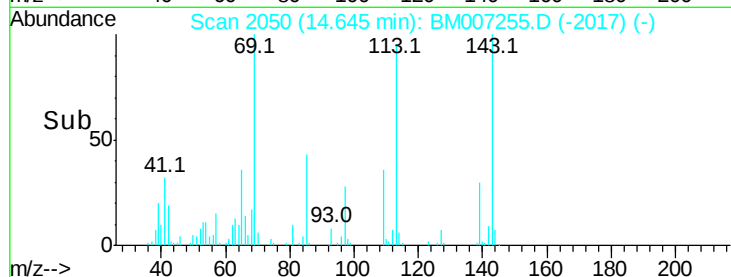
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

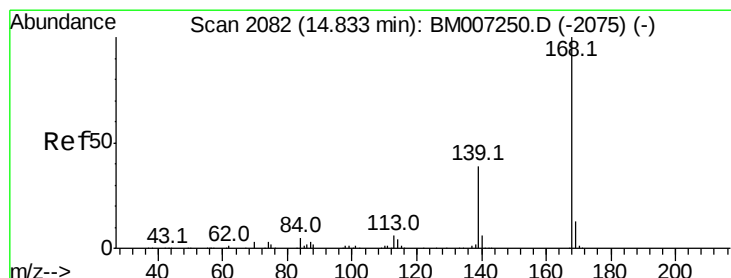
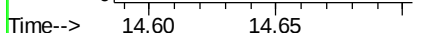


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 2.34 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM007255.D

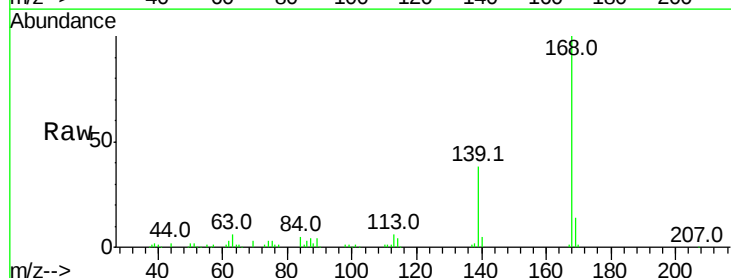
Acq: 23 Aug 2016 16:49

Tgt Ion:168 Resp: 143352

Ion Ratio Lower Upper

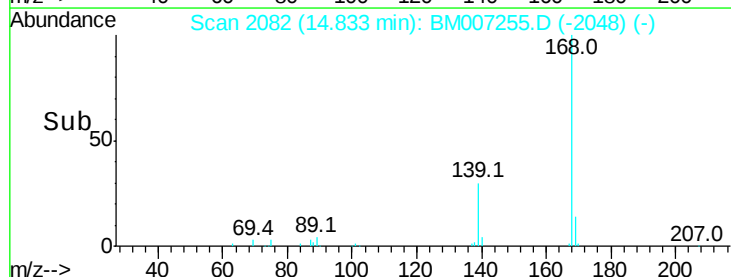
168 100

139 38.4 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

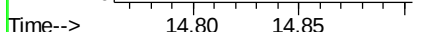


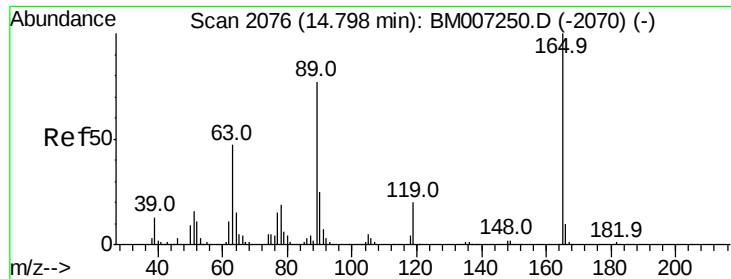
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 69.40 (69.10 to 69.70): BM





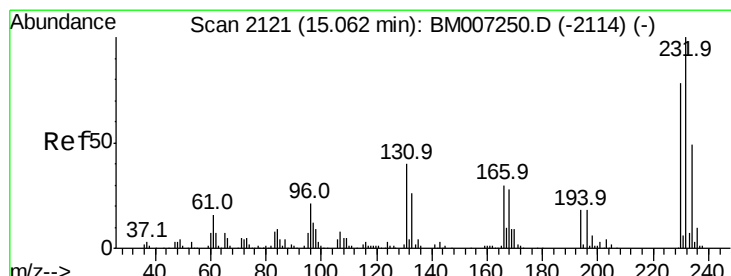
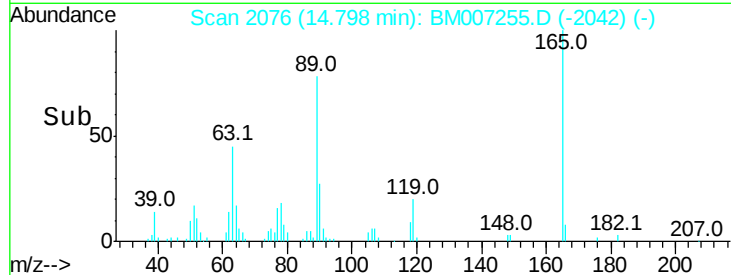
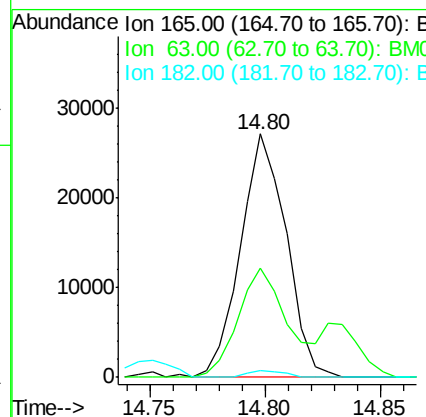
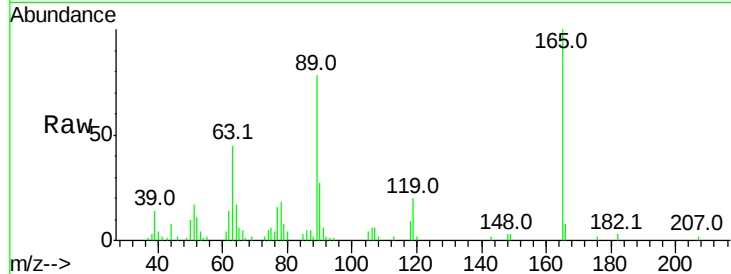
#54
 2,4-Dinitrotoluene
 Concen: 2.28 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tot Ion:	165	Resp:	37426
Ion Ratio	Lower	Upper	
165	100		
63	45.0	36.2	54.2
182	2.8	2.2	3.4

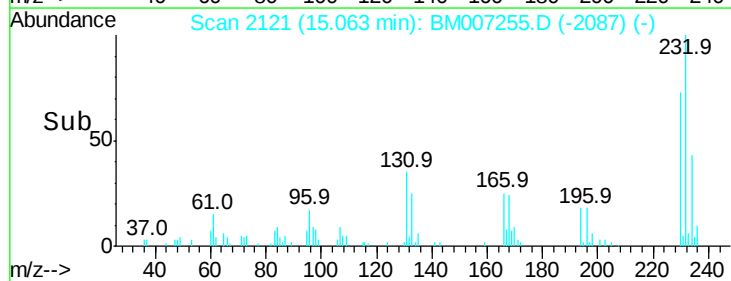
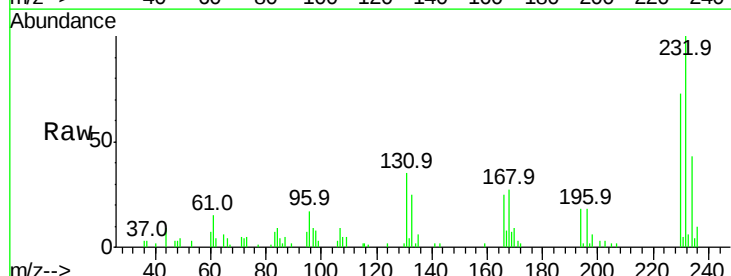
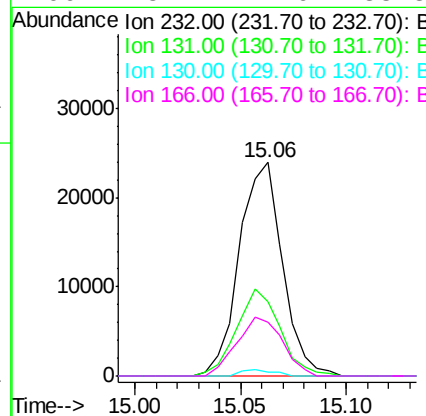
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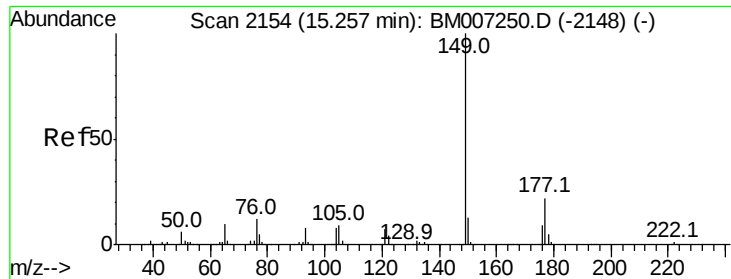
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.21 ng/ul
 RT: 15.06 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion:	232	Resp:	34003
Ion Ratio	Lower	Upper	
232	100		
131	34.8	31.4	47.0
130	1.8	1.6	2.4
166	25.1	22.6	33.8





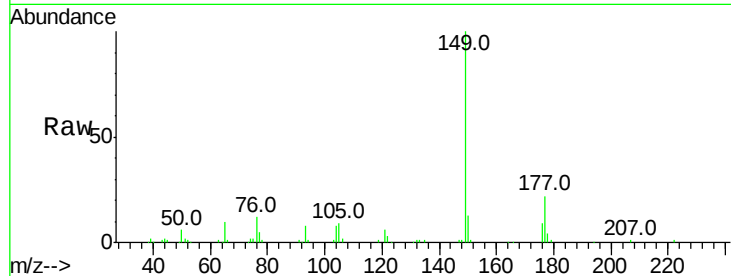
#56
Diethylphthalate
Concen: 2.43 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

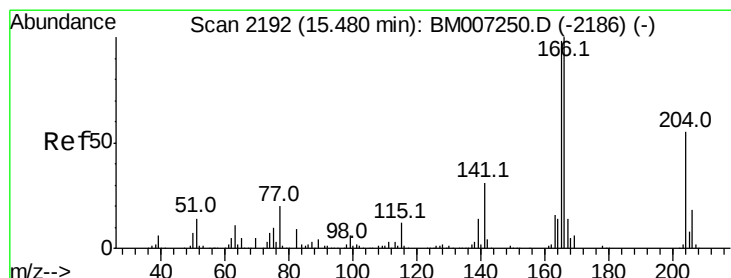
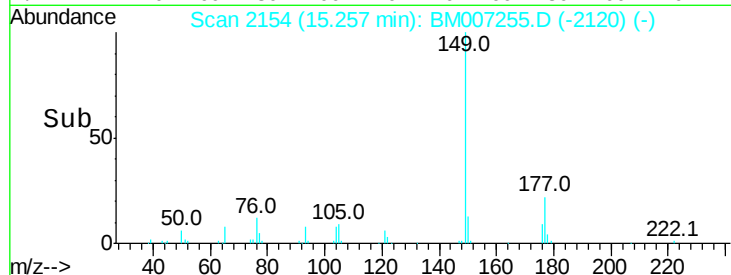
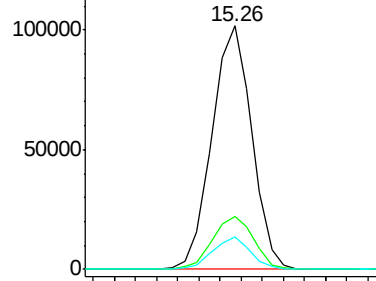
Tot Ion	Ratio	Resp	Lower	Upper
149	100	132937		
177	21.5	18.6	28.0	
150	13.2	10.0	15.0	

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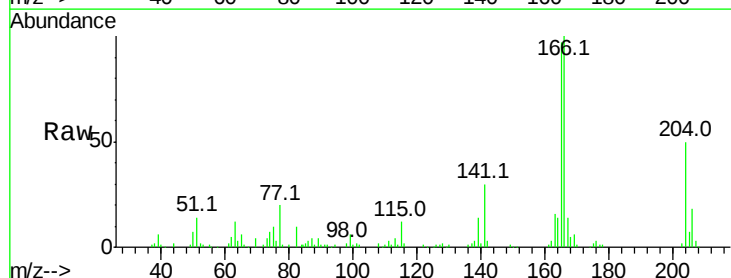


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

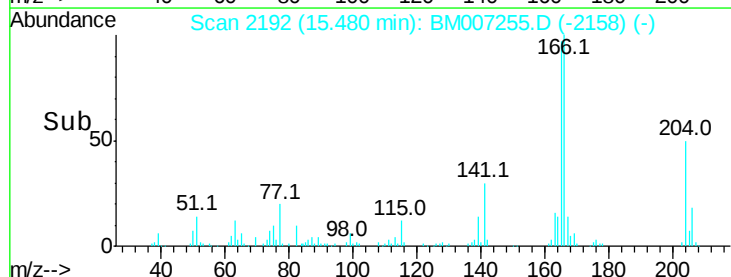
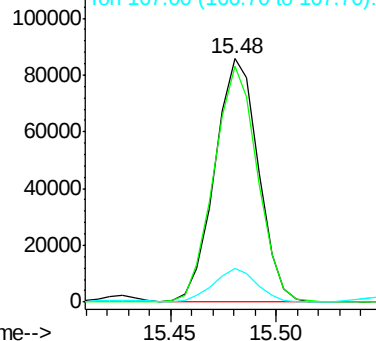


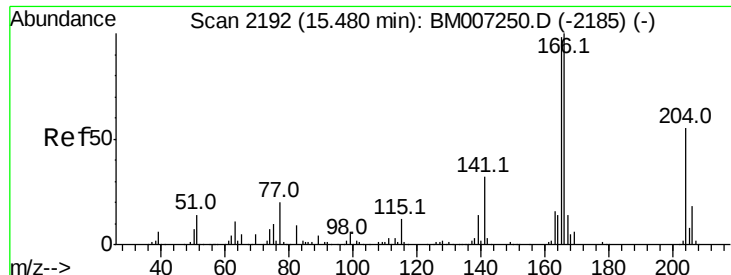
#58
Fluorene
Concen: 2.44 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	123043		
165	97.2	79.9	119.9	
167	13.9	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: 2.47 ng/ul

RT: 15.47 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

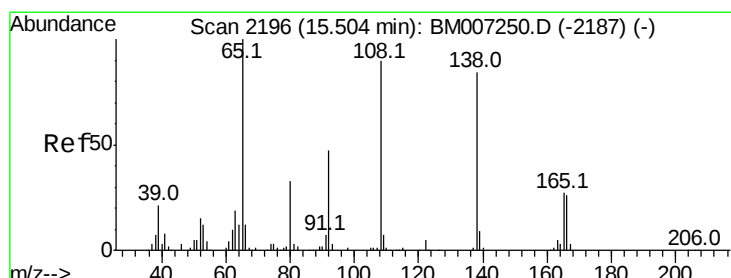
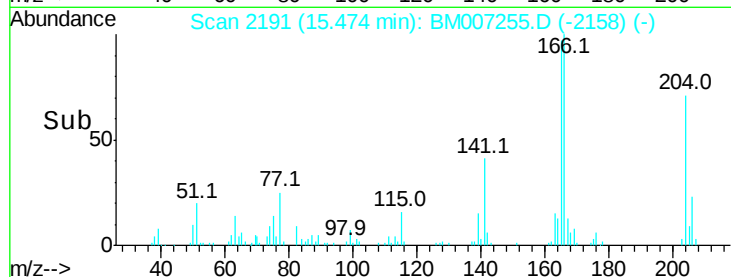
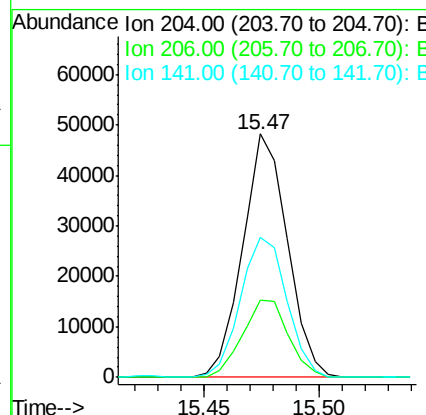
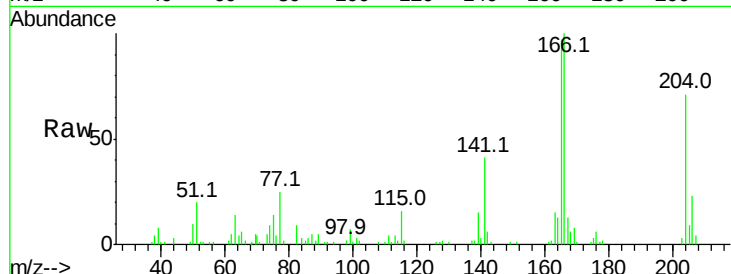
ClientSampleId :

MDL-02-S

Tot Ion:	204	Resp:	65163
Ion Ratio	Lower	Upper	
204	100		
206	31.6	25.9	38.9
141	57.4	46.1	69.1

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#60

4-Nitroaniline

Concen: 2.23 ng/ul

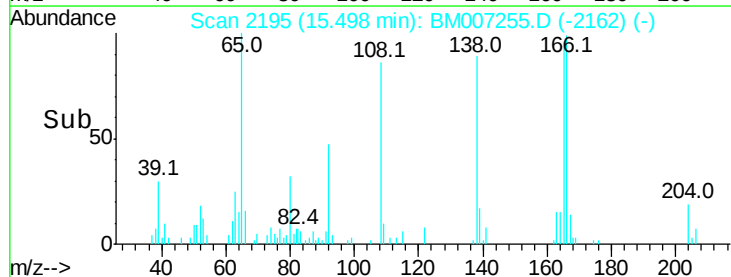
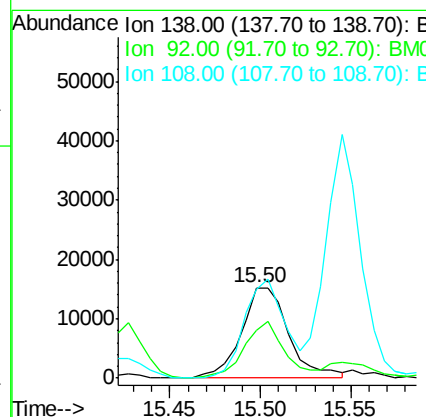
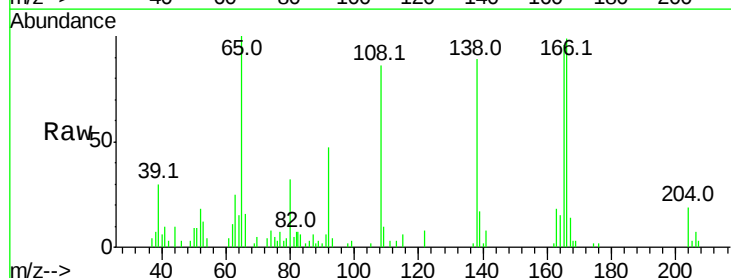
RT: 15.50 min Scan# 2195

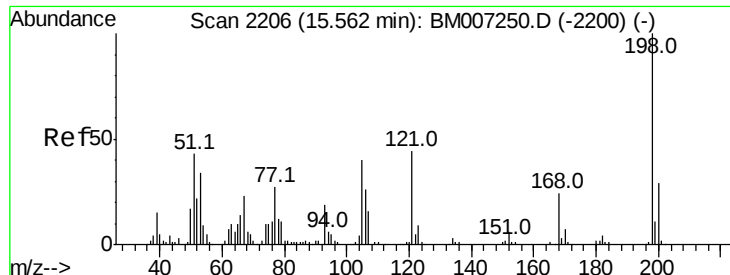
Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	138	Resp:	27755
Ion Ratio	Lower	Upper	
138	100		
92	53.2	43.5	65.3
108	97.2	80.3	120.5





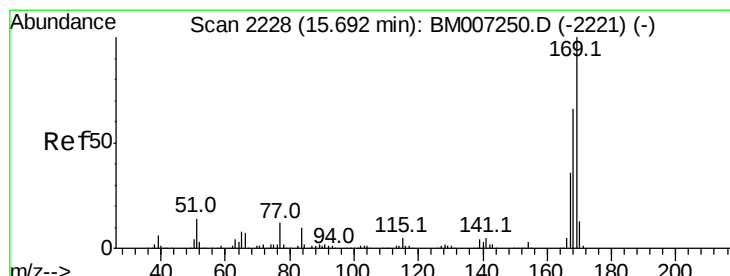
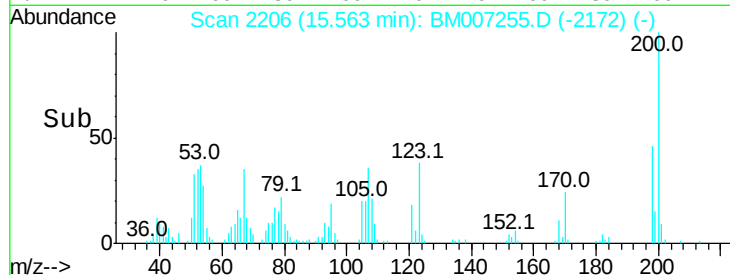
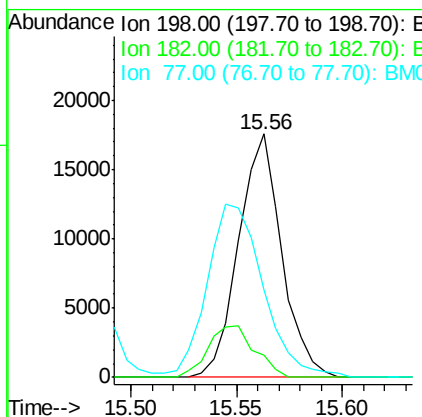
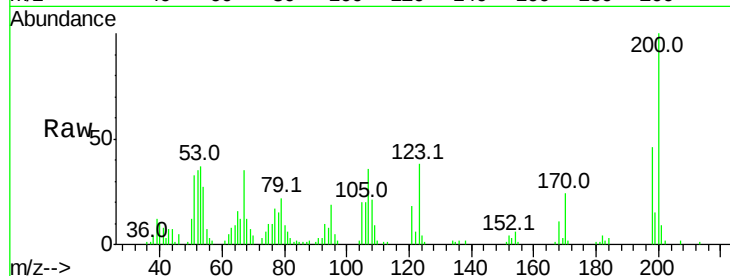
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.18 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
198	100	24839		
182	9.0	3.3	4.9#	
77	36.0	21.8	32.6#	

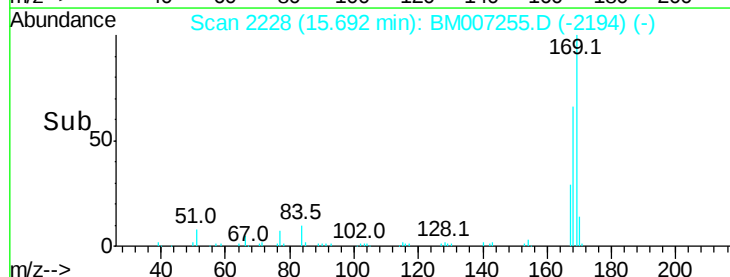
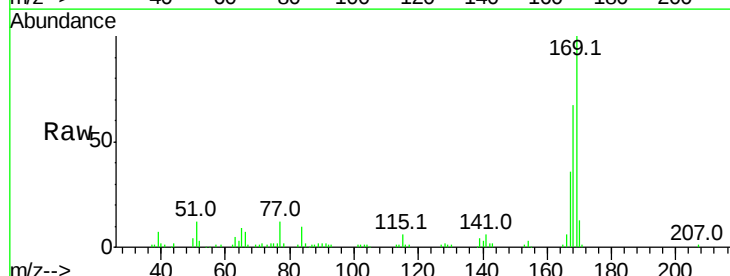
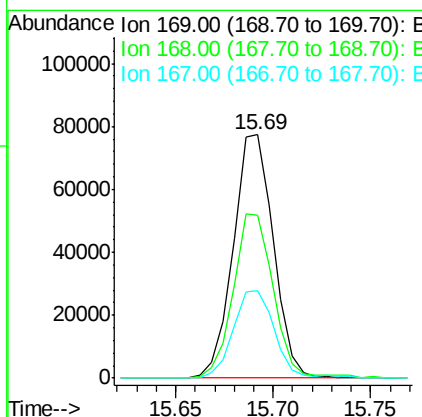
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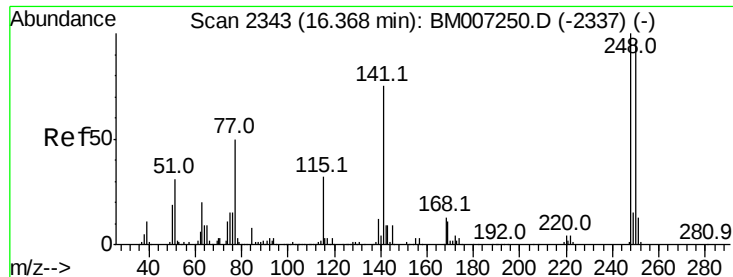
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#64
 N-Nitrosodiphenylamine
 Concen: 2.32 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	110177		
168	66.8	52.6	79.0	
167	36.1	28.6	43.0	





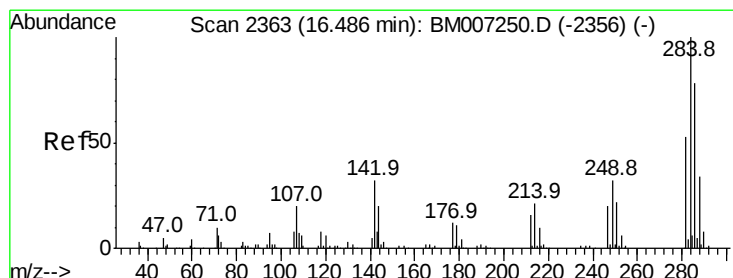
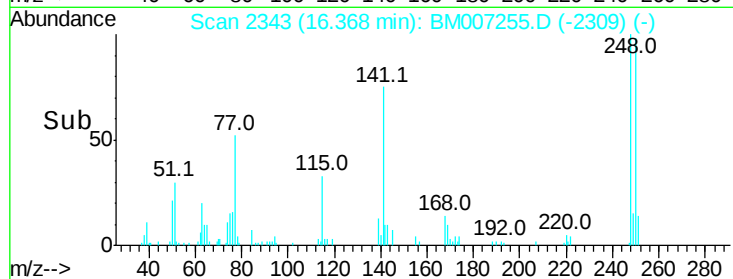
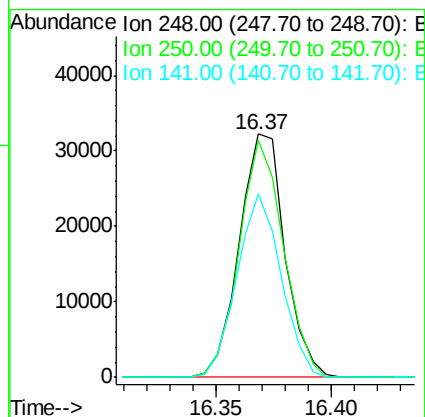
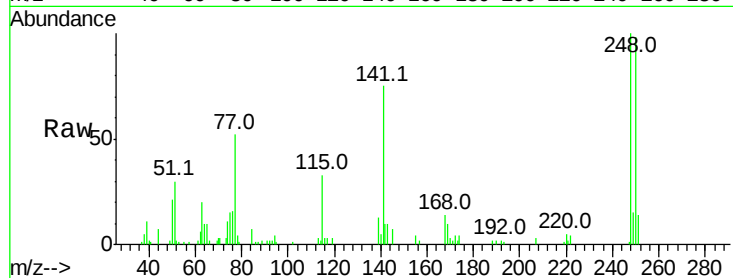
#65
4-Bromophenyl-phenylether
Concen: 2.32 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.7	119.5
141	75.5	58.3	87.5

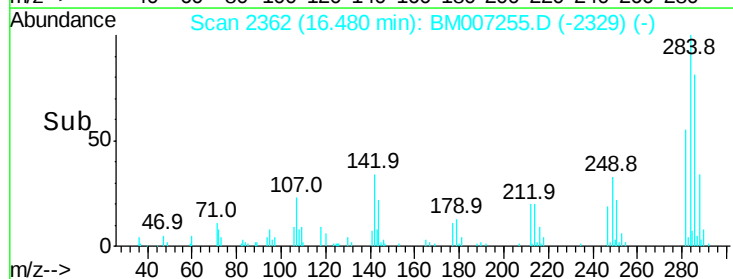
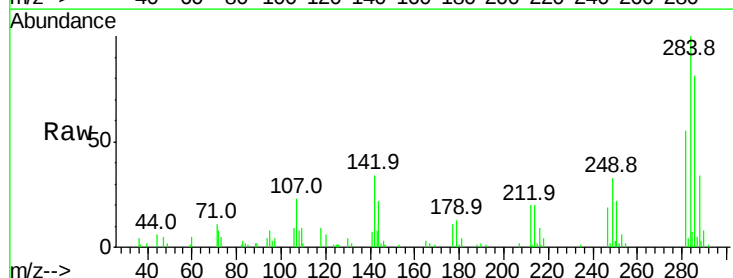
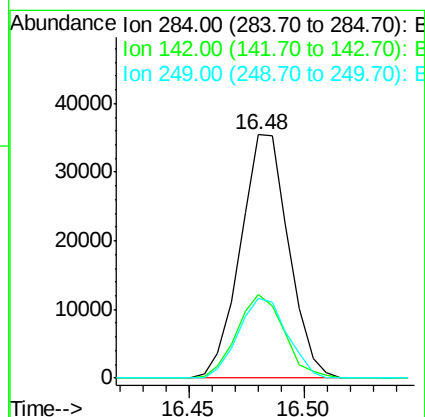
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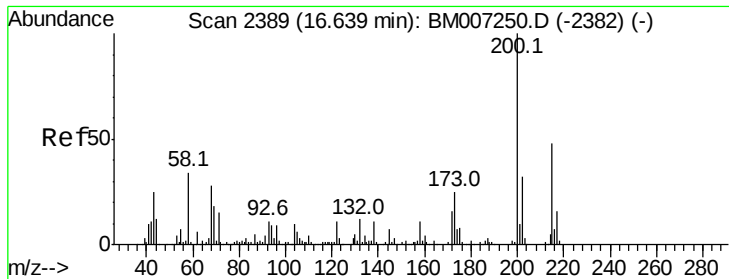
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#66
Hexachlorobenzene
Concen: 2.40 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	24.9	37.3
249	32.6	25.5	38.3





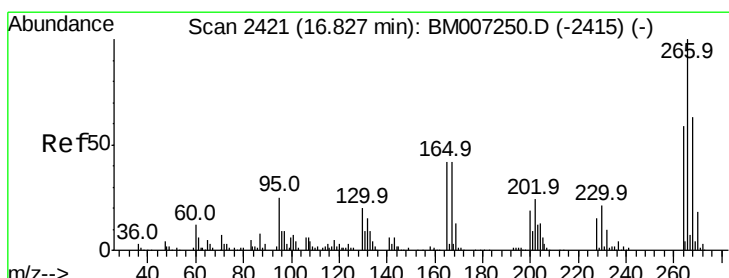
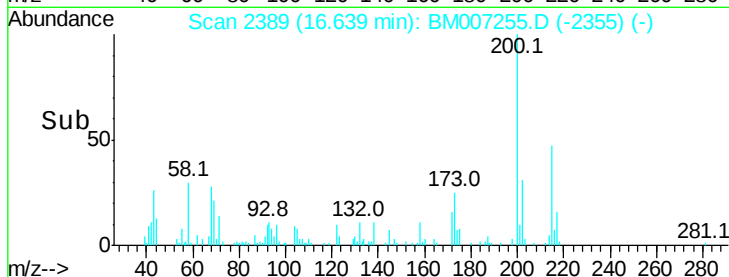
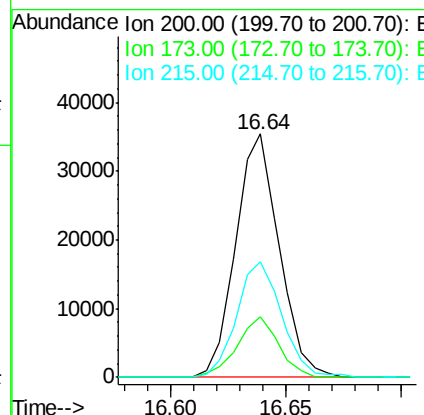
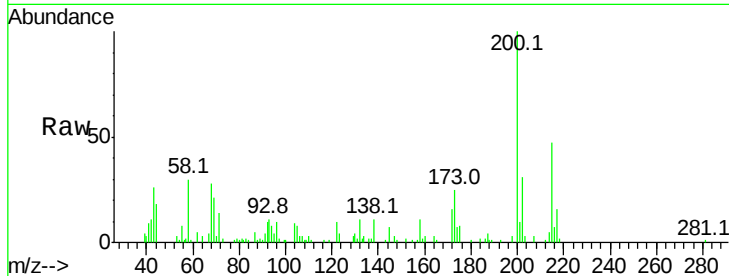
#67
Atrazine
Concen: 2.31 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	18.9	28.3
215	47.4	39.5	59.3

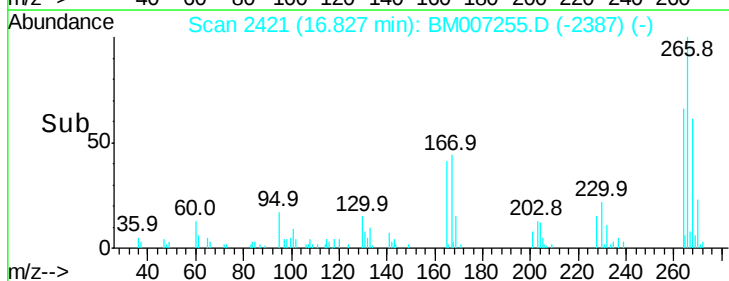
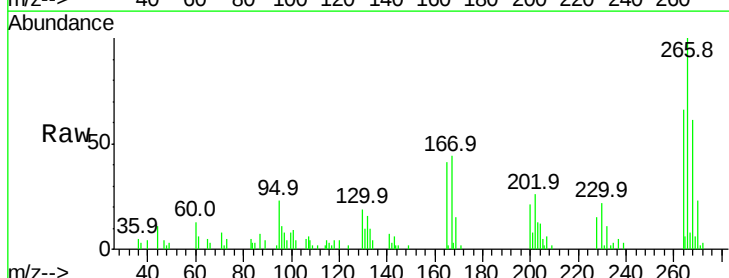
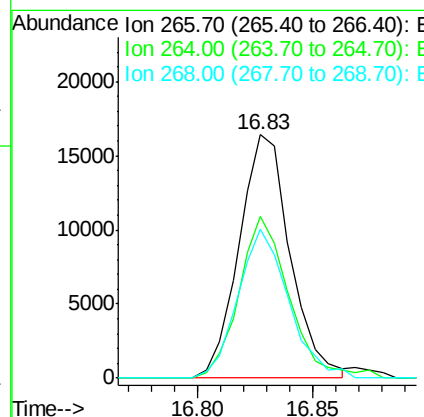
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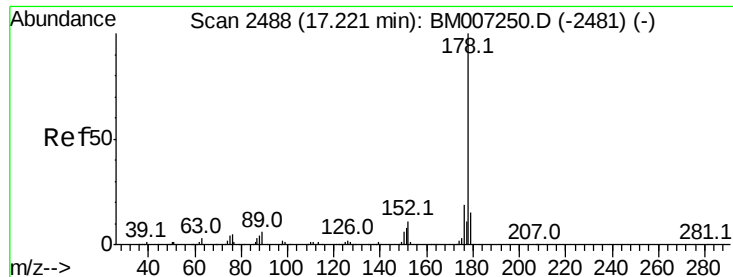
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#68
Pentachlorophenol
Concen: 1.83 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.2	50.6	75.8
268	61.4	51.0	76.6





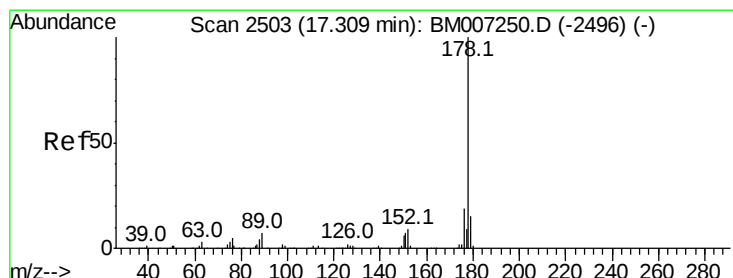
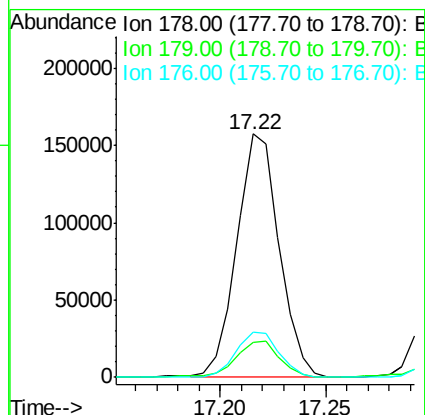
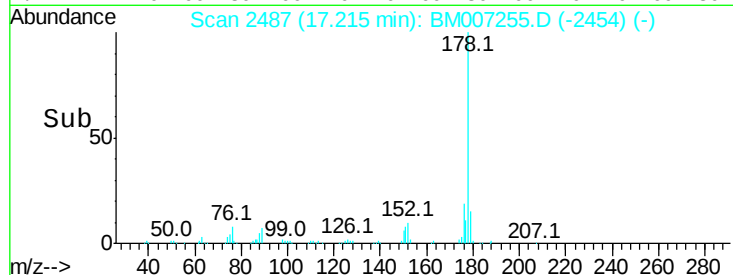
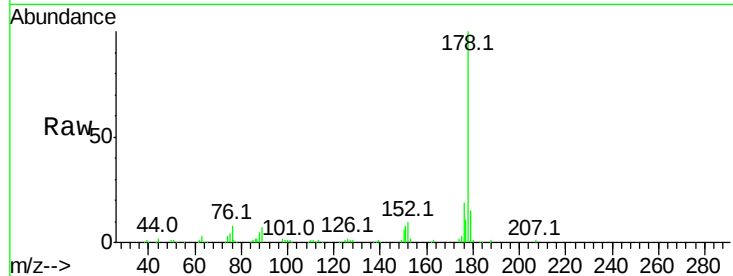
#69
 Phenanthrene
 Concen: 2.40 ng/ul
 RT: 17.22 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tot Ion:178	Resp:	218838
Ion Ratio	Lower	Upper
178	100	
179	14.5	12.2 18.2
176	18.5	15.1 22.7

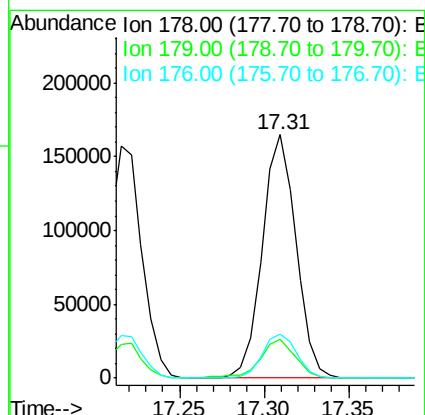
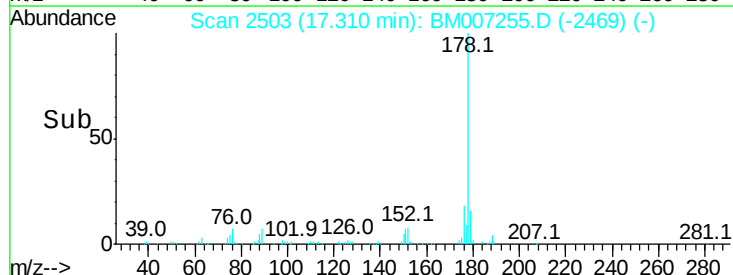
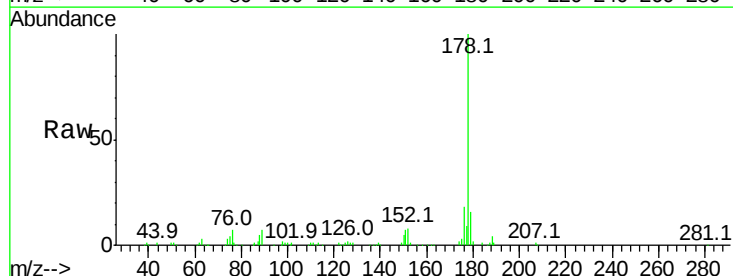
Manual Integrations
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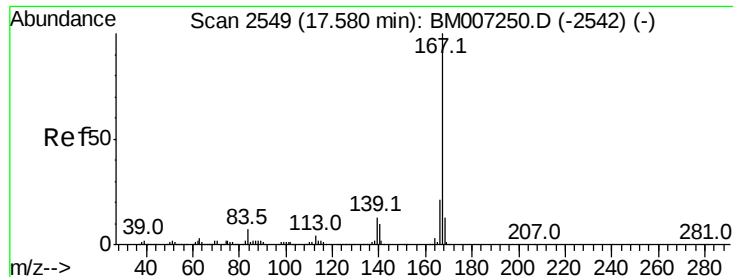
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#71
 Anthracene
 Concen: 2.43 ng/ul
 RT: 17.31 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion:178	Resp:	229071
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.1 18.1
176	18.3	14.5 21.7





#72

Carbazole

Concen: 2.41 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

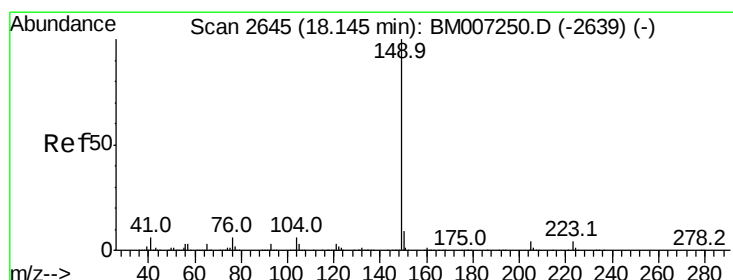
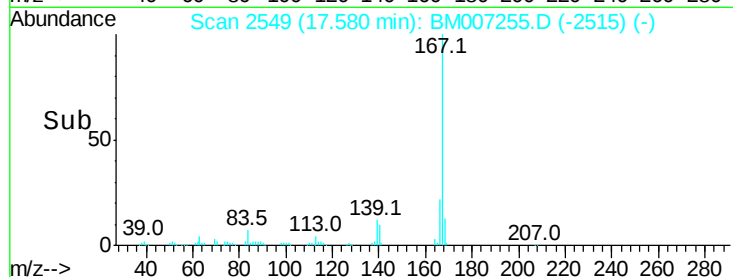
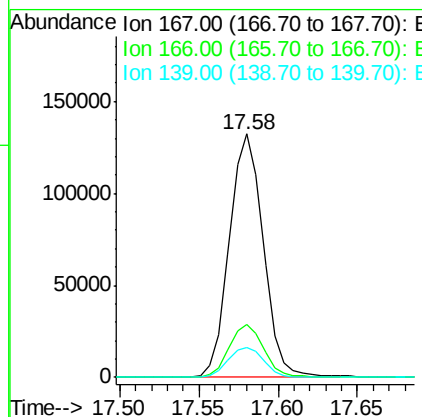
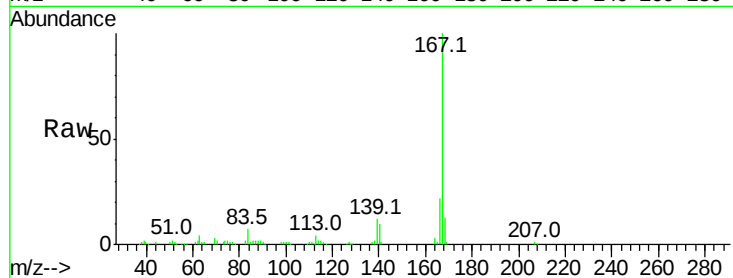
ClientSampleId :

MDL-02-S

Tot Ion:	167	Resp:	197113
Ion Ratio		Lower	Upper
167	100		
166	21.8	16.6	25.0
139	12.4	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.28 ng/ul

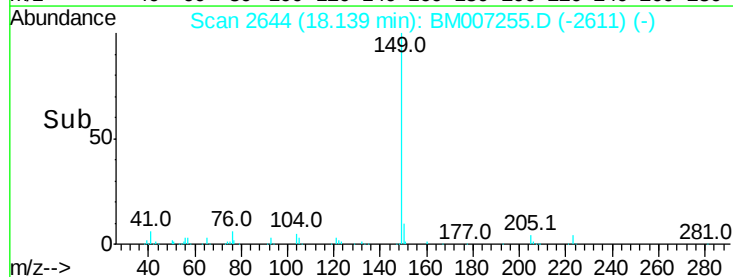
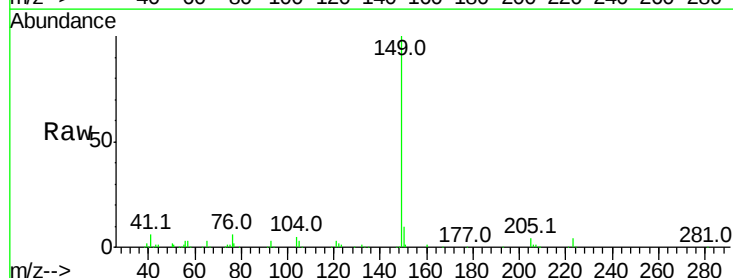
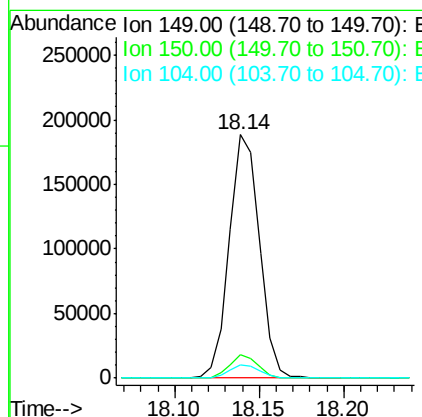
RT: 18.14 min Scan# 2644

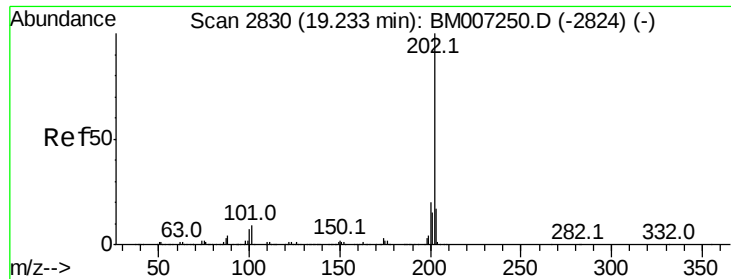
Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	149	Resp:	234567
Ion Ratio		Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.2	4.6	7.0





#74

Fluoranthene

Concen: 2.54 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

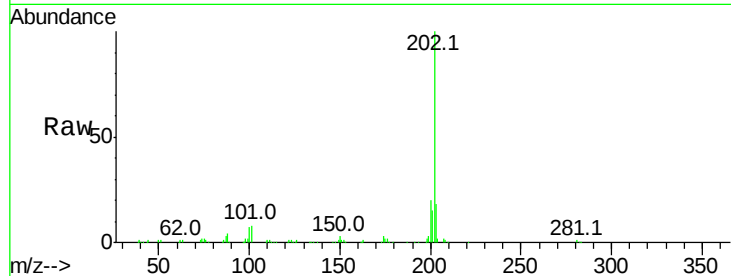
ClientSampleId :

MDL-02-S

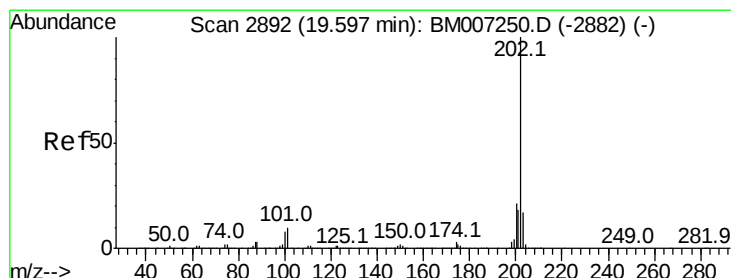
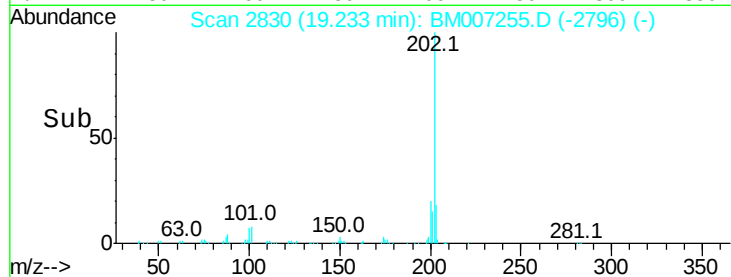
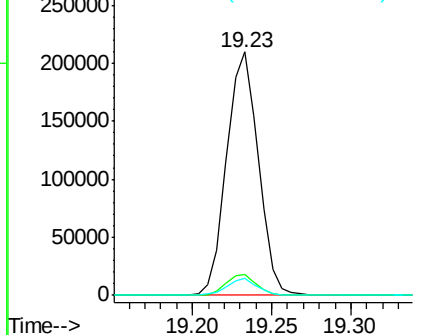
Tot Ion:	202	Resp:	291203
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	6.9	5.4	8.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E



#77

Pyrene

Concen: 2.44 ng/ul

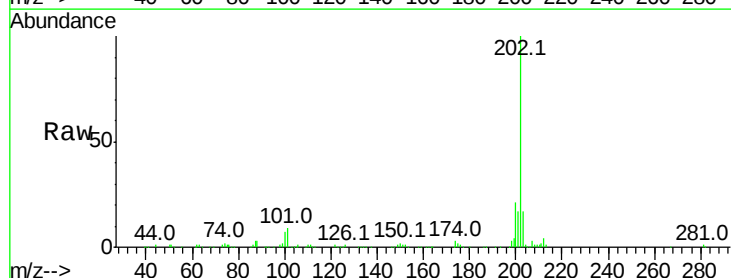
RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

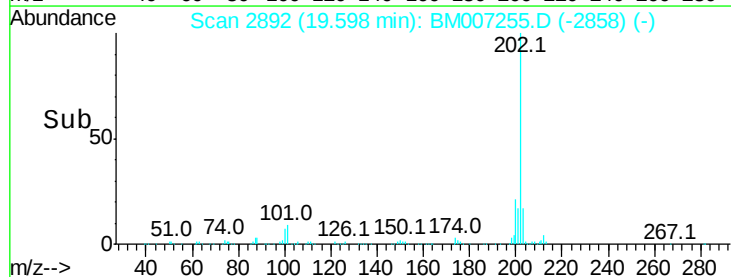
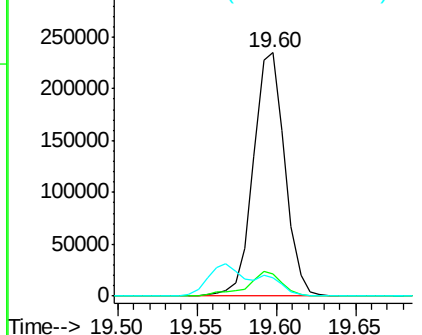
Lab File: BM007255.D

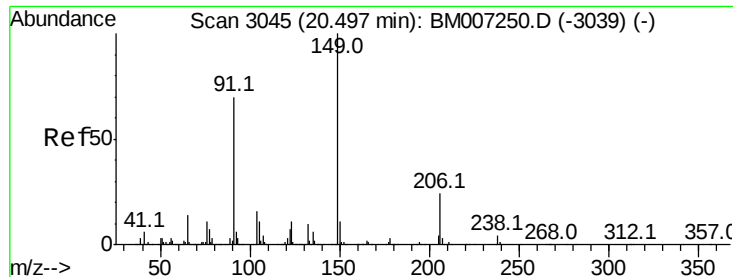
Acq: 23 Aug 2016 16:49

Tgt Ion:	202	Resp:	324386
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.4	12.6
100	7.3	6.9	10.3



Abundance Ion 202.00 (201.70 to 202.70): E





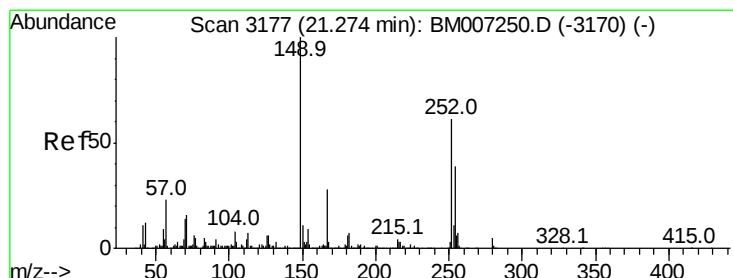
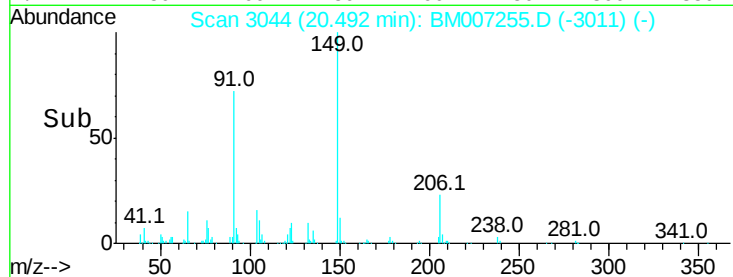
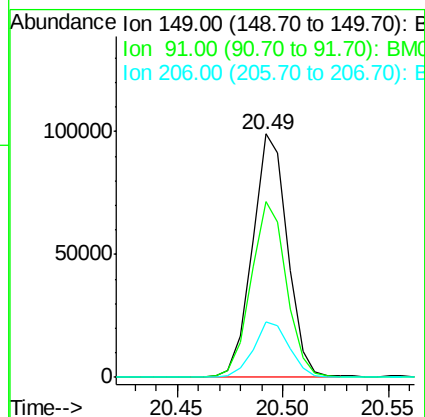
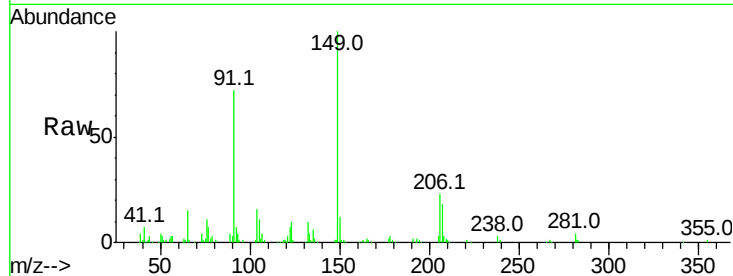
#78
Butylbenzylphthalate
Concen: 2.07 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.9	57.3	85.9	
206	22.7	18.6	27.8	

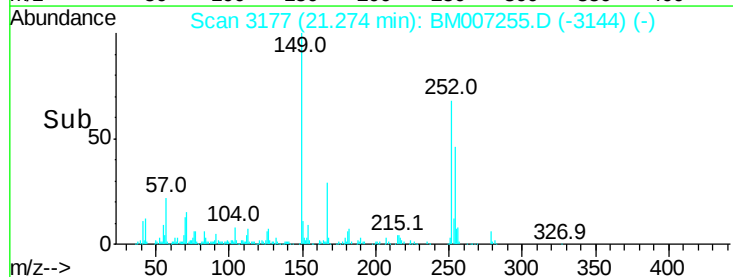
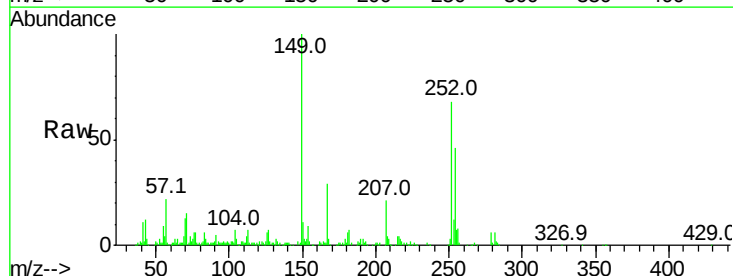
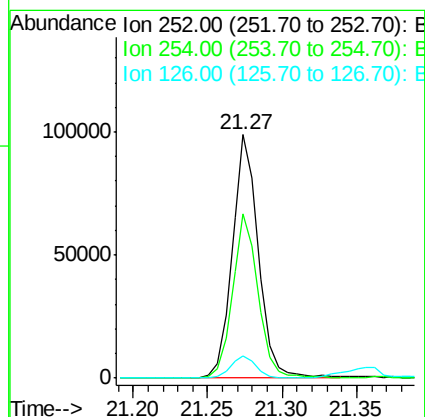
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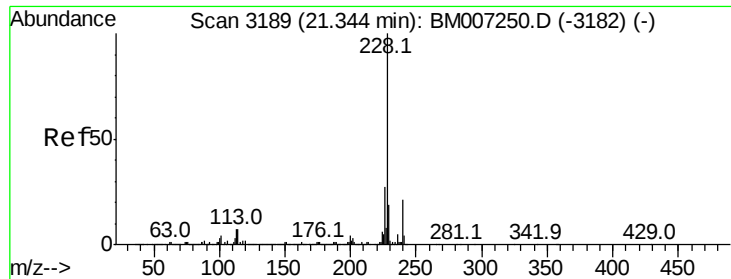
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#79
3,3'-Dichlorobenzidine
Concen: 2.47 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	67.5	51.0	76.4	
126	9.3	7.1	10.7	





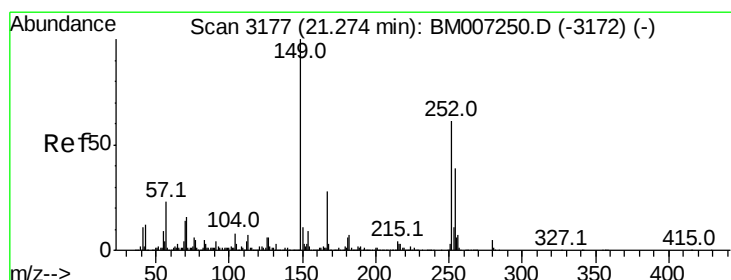
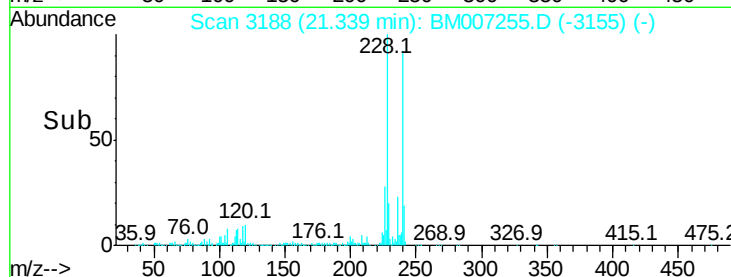
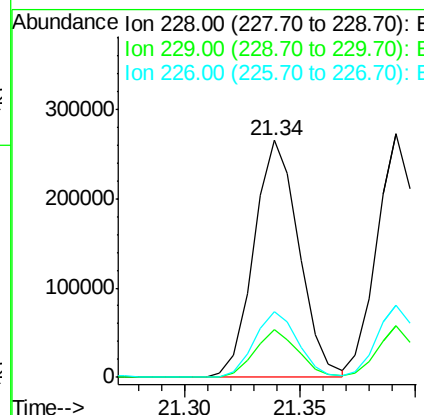
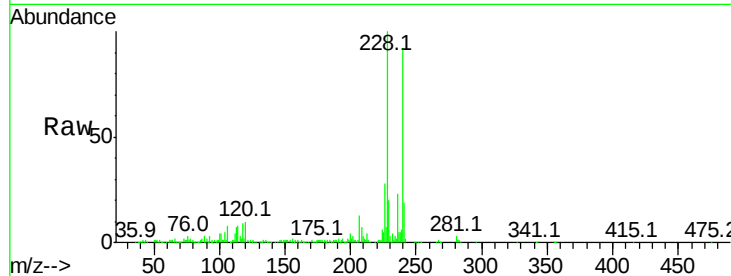
#80
 Benzo(a)anthracene
 Concen: 2.46 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	27.6	21.8	32.8

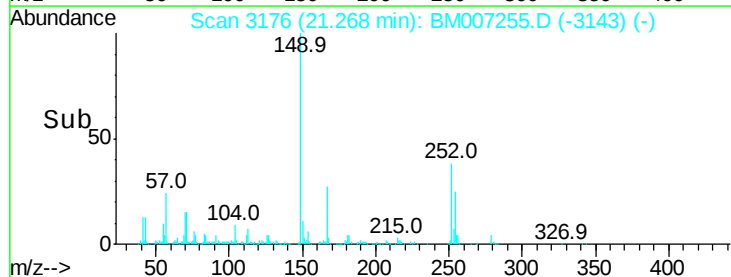
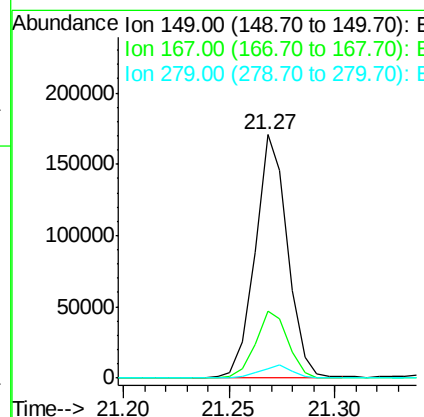
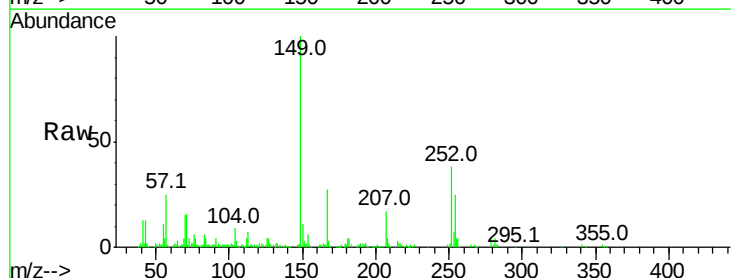
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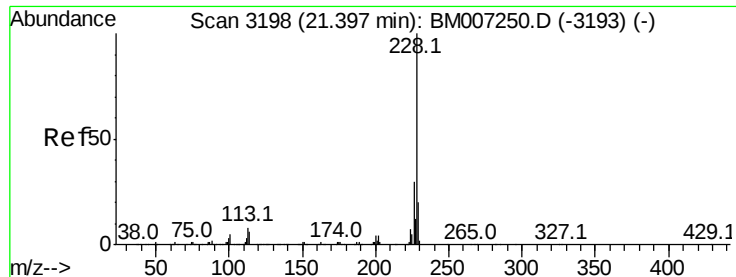
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.25 ng/ul
 RT: 21.27 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BM007255.D
 Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.2	34.8
279	4.1	4.1	6.1#





#82

Chrysene

Concen: 2.47 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Instrument :

BNA_M

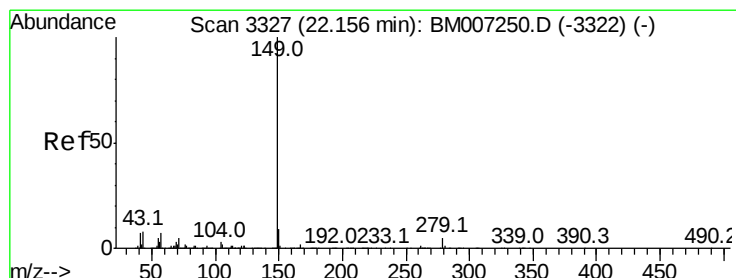
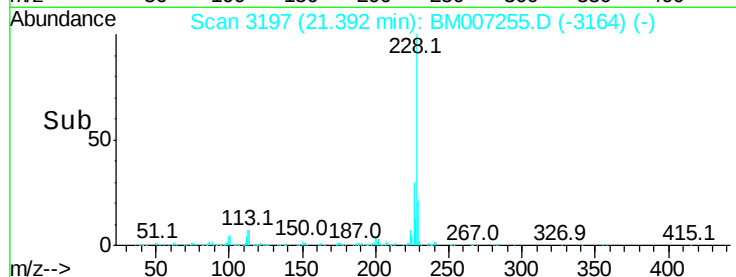
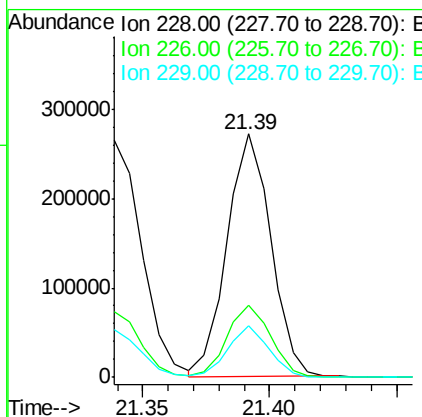
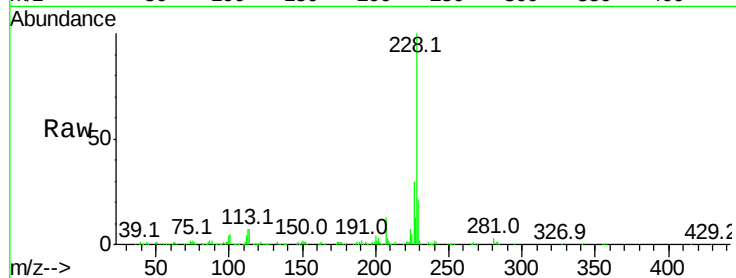
ClientSampled :

MDL-02-S

Tot Ion:	228	Resp:	326350
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	21.2	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 2.34 ng/ul

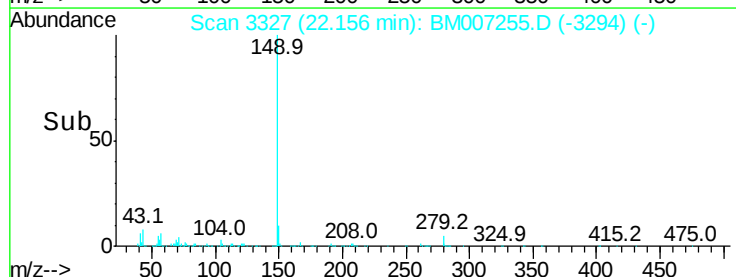
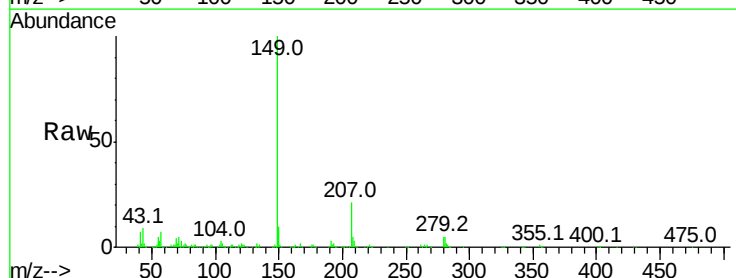
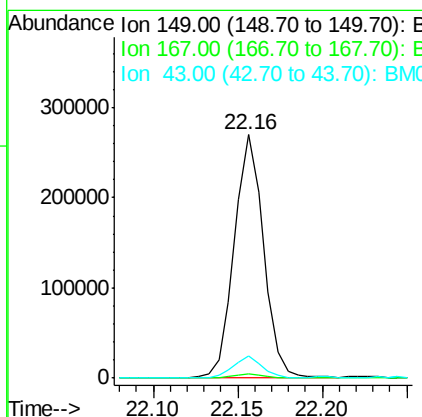
RT: 22.16 min Scan# 3327

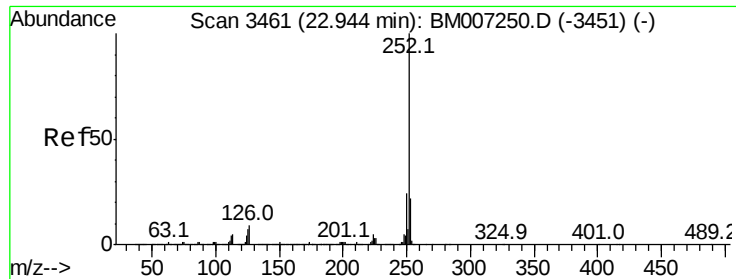
Delta R.T. -0.01 min

Lab File: BM007255.D

Acq: 23 Aug 2016 16:49

Tgt Ion:	149	Resp:	323374
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.1	6.6	10.0





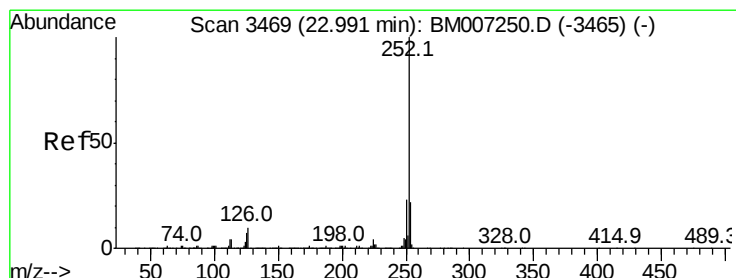
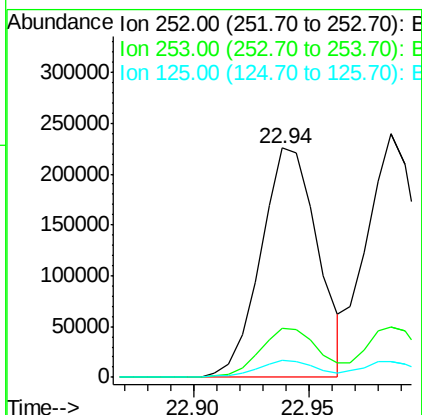
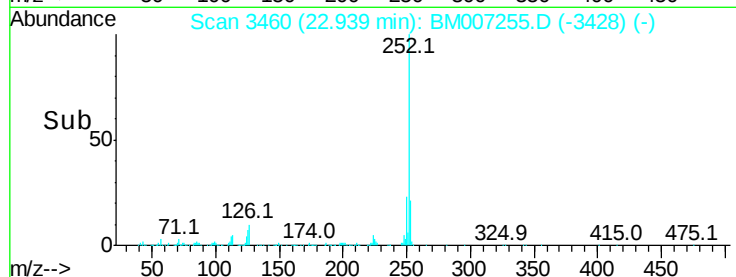
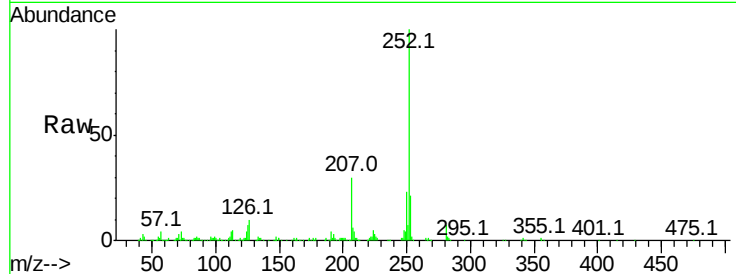
#85
Benzo(b)fluoranthene
Concen: 2.35 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	7.2	5.8	8.8

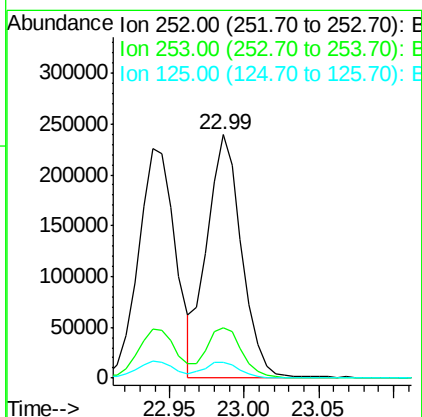
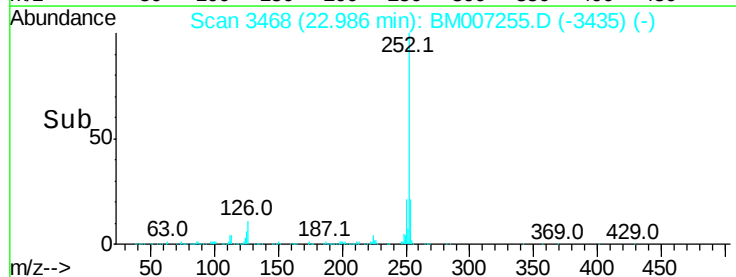
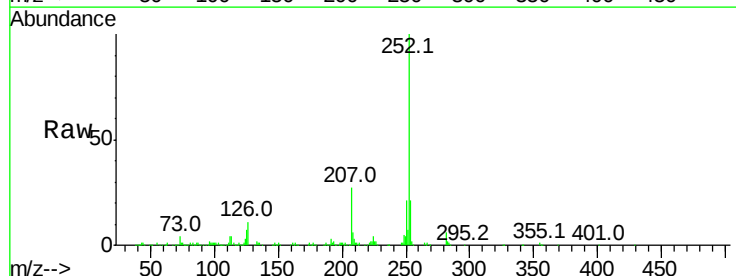
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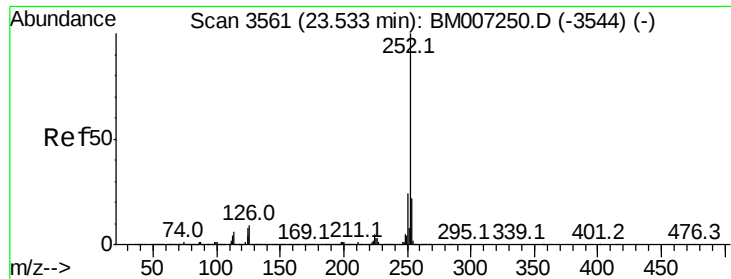
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#86
Benzo(k)fluoranthene
Concen: 2.54 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	6.6	5.7	8.5





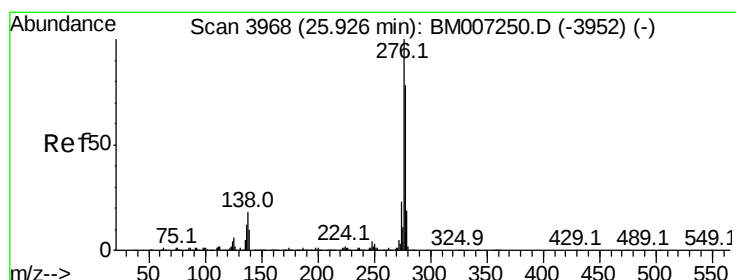
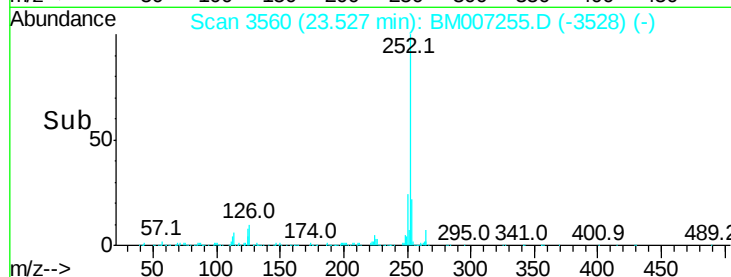
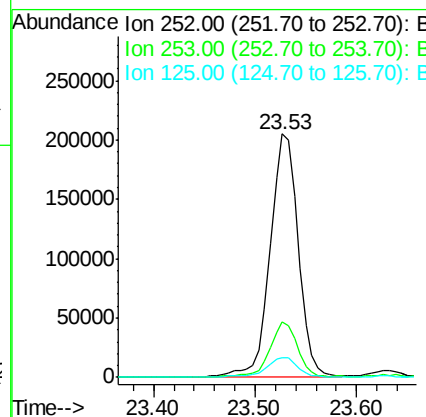
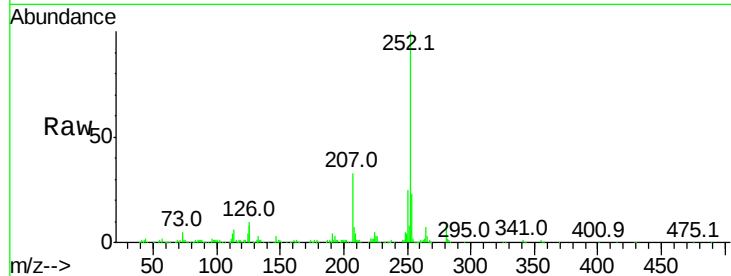
#88
Benzo(a)pyrene
Concen: 2.51 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampled :
MDL-02-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	8.2	6.6	9.8

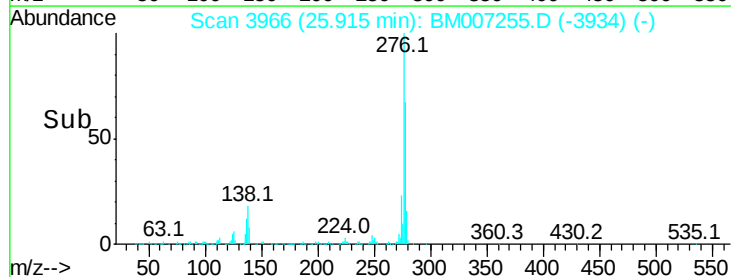
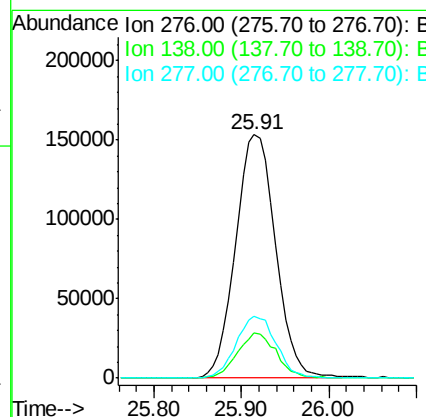
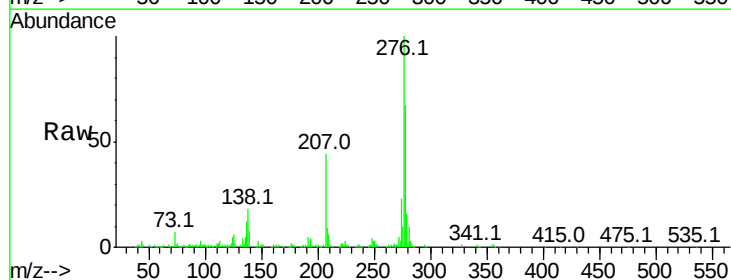
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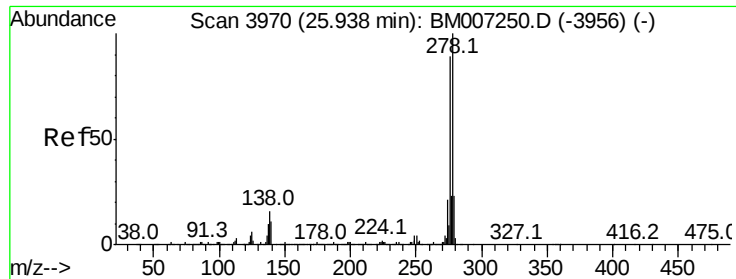
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.9	20.9
277	25.2	20.1	30.1





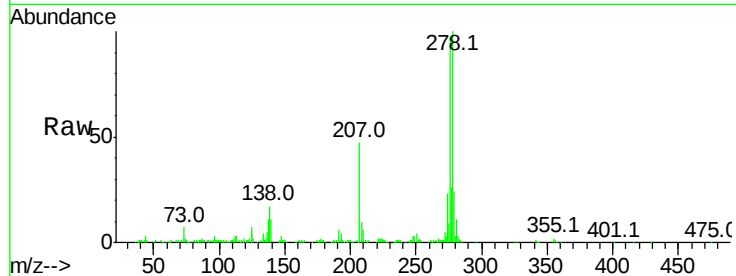
#90
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

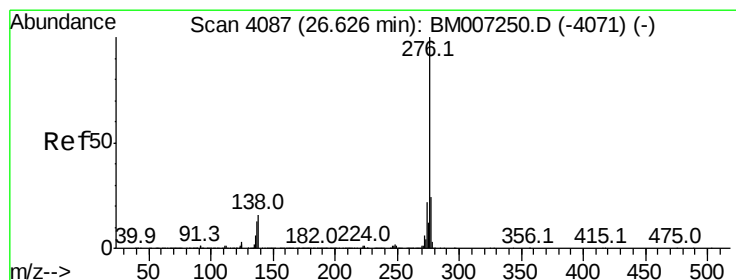
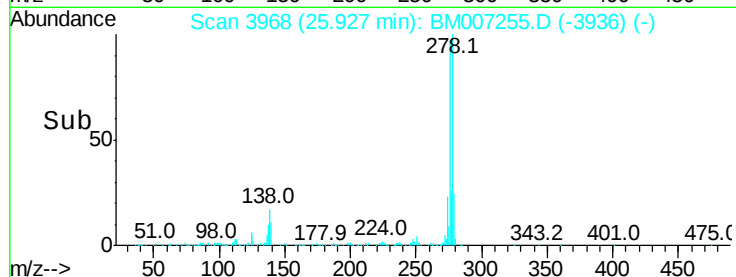
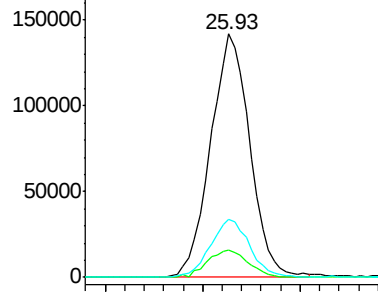
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.5	14.3
279	23.7	19.1	28.7

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.44 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BM007255.D
Acq: 23 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.5	20.3
277	24.6	19.3	28.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

