

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007270.D
 Acq On : 24 Aug 2016 01:56
 Operator : UM/SJ
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Manual Integrations
 APPROVED

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 8/24/2016 4:15:42 PM

Quant Time: Aug 24 06:54:42 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	193953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	981348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	715529	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1968556	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2905235	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3283404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9806	2.58	ng/uL	0.00
5) Phenol-d5	6.97	99	422560	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249889	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	335589	24.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	373650	23.39	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	180277	25.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	214295	25.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	381919	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	543868	26.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1626387	26.35	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1818220	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	295208	25.33	ng/ul	0.00
57) Fluorene-d10	15.43	176	1374107	25.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	297587	24.04	ng/ul	0.00
70) Anthracene-d10	17.27	188	2372012	25.79	ng/ul	0.00
76) Pyrene-d10	19.57	212	3034318	24.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3837699	25.38	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.95	77	28182	2.70 ng/ul	97
6) Phenol	7.00	94	37462	1.97 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	30119	2.28 ng/ul	98
10) 2-Chlorophenol	7.36	128	29071	2.10 ng/ul	96
11) 2-Methylphenol	8.24	108	26329	1.77 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.33	45	32661	2.19 ng/ul	96
14) Acetophenone	8.62	105	54475	2.22 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	27921	2.14 ng/ul#	97
16) 4-Methylphenol	8.56	108	33002	1.98 ng/ul	98
17) Hexachloroethane	8.87	117	11065	2.05 ng/ul#	79
20) Nitrobenzene	9.00	77	39976	2.16 ng/ul	95
21) Isophorone	9.52	82	76413	2.03 ng/ul	97
23) 2-Nitrophenol	9.70	139	20166	2.21 ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	39979	1.98 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	43930	2.07 ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	33121	1.99 ng/ul#	88
28) Naphthalene	10.63	128	103808	2.13 ng/ul	98
30) 4-Chloroaniline	10.75	127	45385	2.11 ng/ul	97
31) Hexachlorobutadiene	10.92	225	23793	2.12 ng/ul	99
32) Caprolactam	11.53	113	12664m	1.89 ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	40076	1.95 ng/ul	99
34) 2-Methylnaphthalene	12.24	142	83002	2.08 ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	49522	2.08 ng/ul	94

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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.60	237	23143	1.61	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	31609	1.88	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	32415	1.85	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	116880	2.11	ng/ul	97
41) 2-Chloronaphthalene	13.30	162	90530	2.08	ng/ul	97
42) 2-Nitroaniline	13.51	65	25265	1.78	ng/ul	94
44) Dimethylphthalate	13.89	163	135425	2.20	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	23030	1.83	ng/ul	95
47) Acenaphthylene	14.15	152	157291	2.14	ng/ul	97
48) 3-Nitroaniline	14.34	138	24256	1.89	ng/ul	92
49) Acenaphthene	14.49	153	101713	2.12	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	10360	1.22	ng/ul	95
52) 4-Nitrophenol	14.64	109	27060	2.18	ng/ul	93
53) Dibenzofuran	14.83	168	156565	2.18	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	40009	2.08	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.06	232	35915	1.99	ng/ul#	91
56) Diethylphthalate	15.25	149	137911	2.15	ng/ul	98
58) Fluorene	15.48	166	132338	2.24	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	69720	2.26	ng/ul	99
60) 4-Nitroaniline	15.50	138	30982	2.13	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.56	198	27611	2.09	ng/ul#	42
64) N-Nitrosodiphenylamine	15.69	169	118533	2.16	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	47789	2.15	ng/ul	95
66) Hexachlorobenzene	16.48	284	53624	2.15	ng/ul	97
67) Atrazine	16.63	200	48778	2.10	ng/ul	94
68) Pentachlorophenol	16.83	266	25789	1.61	ng/ul	96
69) Phenanthrene	17.22	178	234518	2.22	ng/ul	99
71) Anthracene	17.31	178	236625	2.17	ng/ul	98
72) Carbazole	17.58	167	205770	2.17	ng/ul	98
73) Di-n-butylphthalate	18.14	149	239770	2.01	ng/ul	100
74) Fluoranthene	19.23	202	311556	2.35	ng/ul	98
77) Pyrene	19.60	202	338976	2.17	ng/ul	96
78) Butylbenzylphthalate	20.49	149	115645	1.78	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	121087	2.10	ng/ul	98
80) Benzo(a)anthracene	21.34	228	383182	2.24	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	176507	1.88	ng/ul	100
82) Chrysene	21.39	228	354183	2.28	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	317324	1.94	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	417585	2.15	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	411543	2.29	ng/ul	98
88) Benzo(a)pyrene	23.53	252	415453	2.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	512447	2.25	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	427701	2.26	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	431266	2.23	ng/ul	98

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

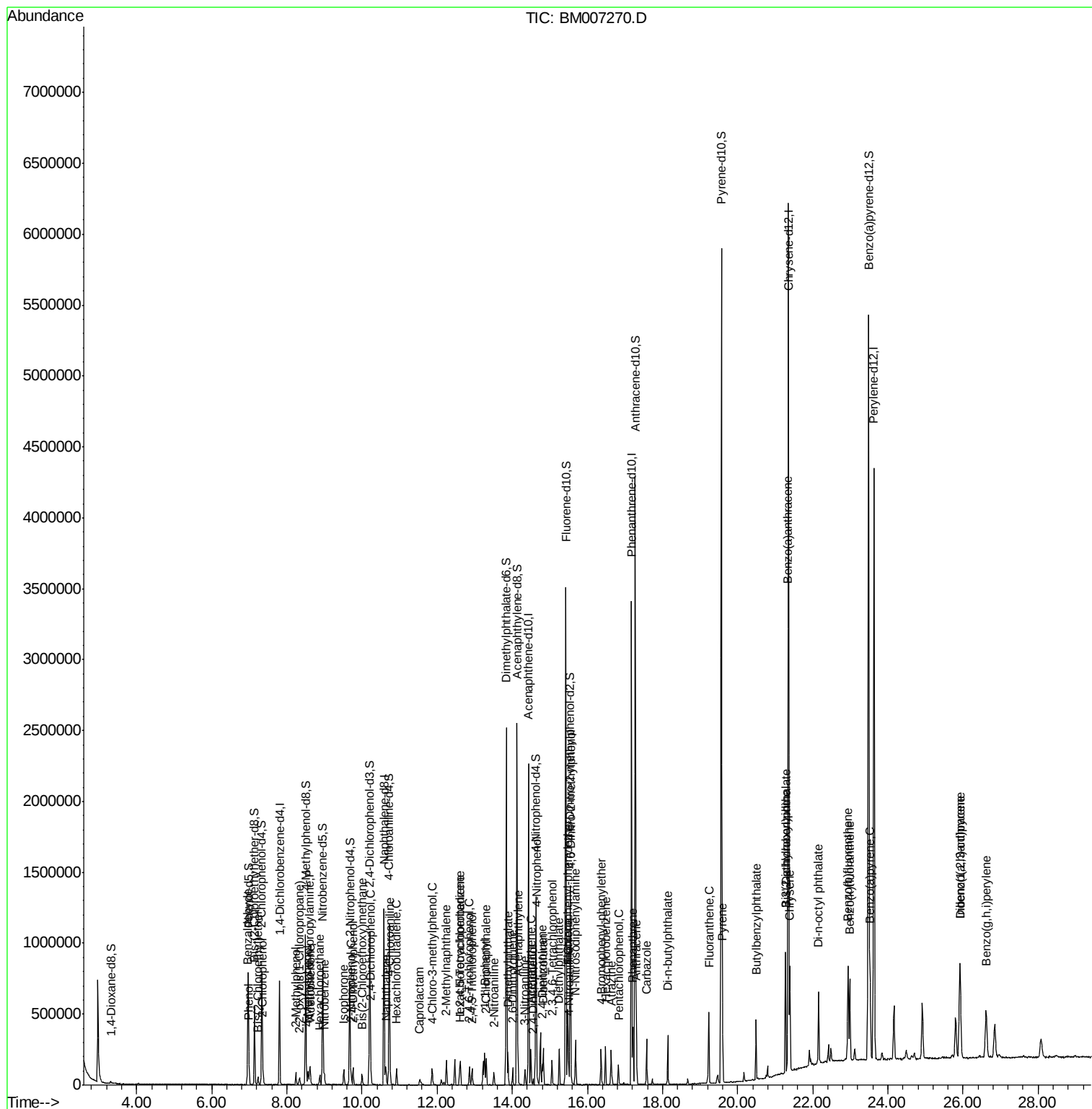
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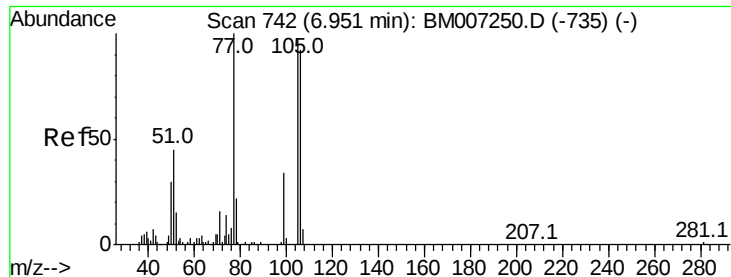
Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-W

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#4

Benzaldehyde

Concen: 2.70 ng/ul

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

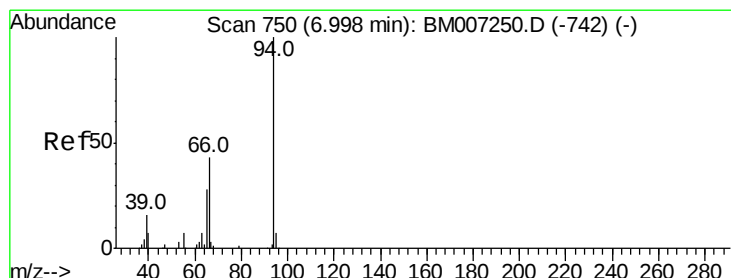
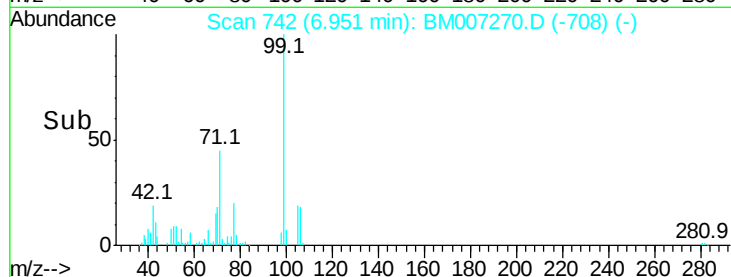
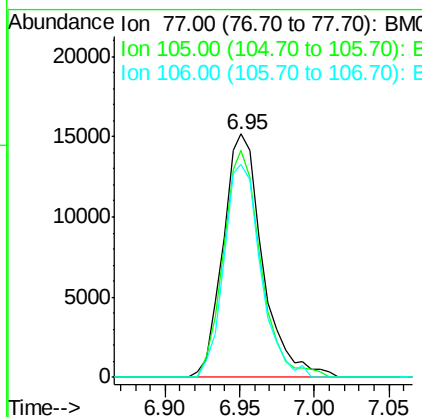
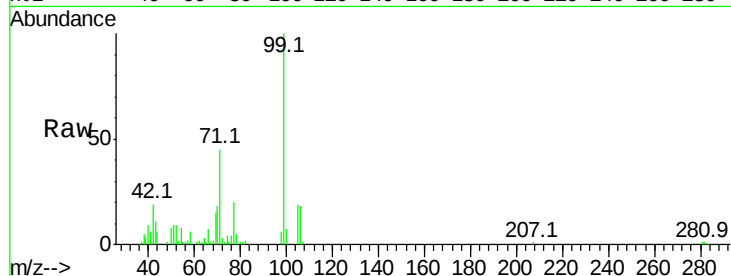
ClientSampleId :

MDL-BLK-W

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		28182		
105	93.4		76.9	115.3	
106	87.5		71.8	107.8	

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#6

Phenol

Concen: 1.97 ng/ul

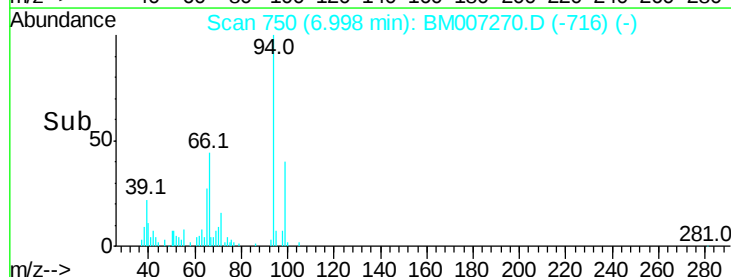
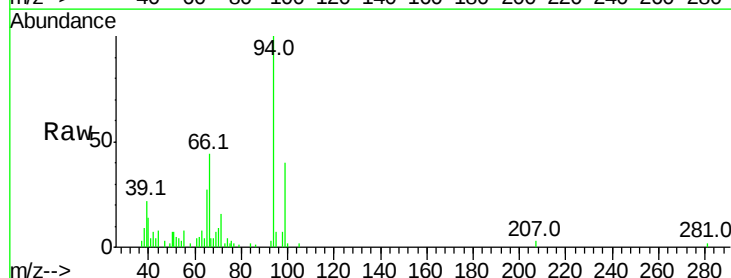
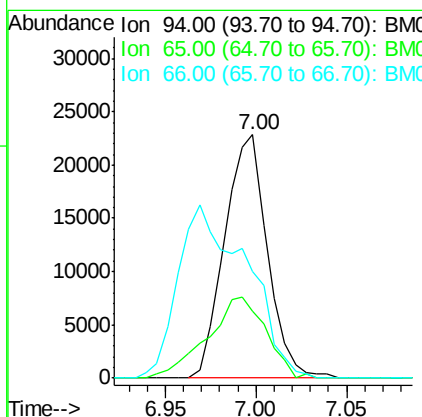
RT: 7.00 min Scan# 750

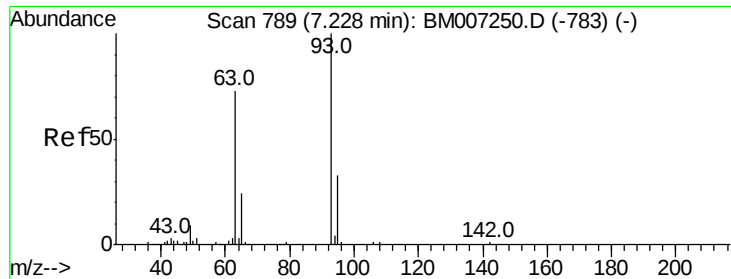
Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		37462		
65	27.3		23.9	35.9	
66	43.8		33.5	50.3	





#8

Bis(2-Chloroethyl)ether

Concen: 2.28 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

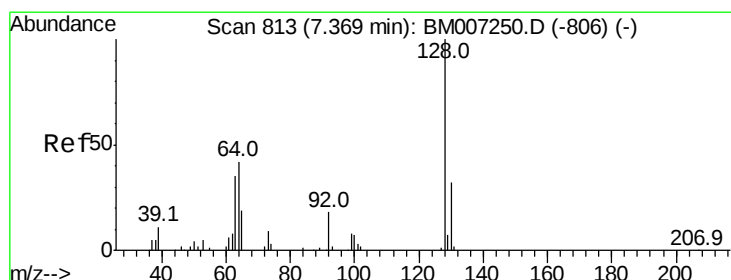
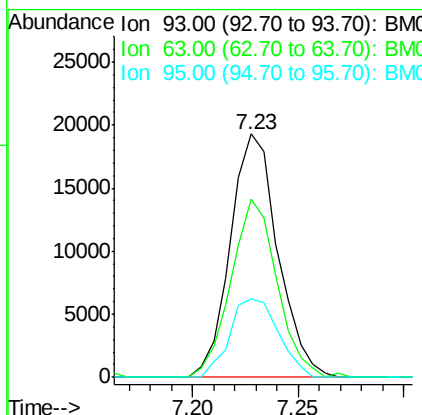
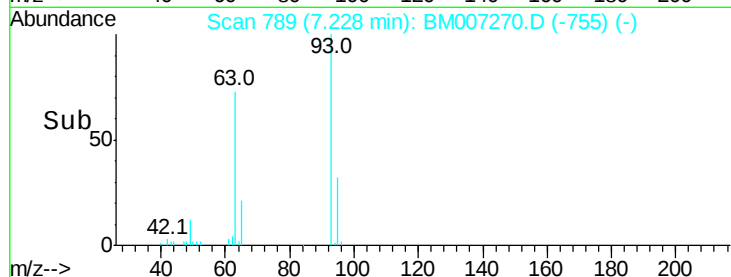
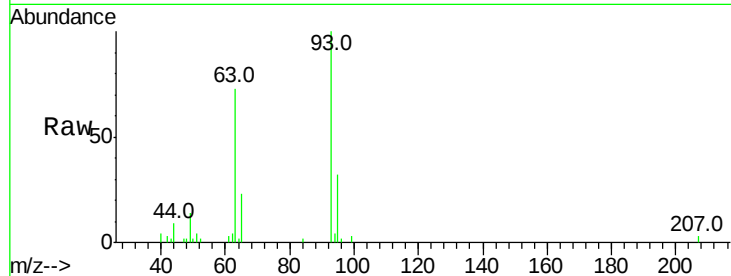
ClientSampled :

MDL-BLK-W

Tot Ion:	93	Resp:	30119
Ion	Ratio	Lower	Upper
93	100		
63	73.3	57.3	85.9
95	32.3	25.1	37.7

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#10

2-Chlorophenol

Concen: 2.10 ng/ul

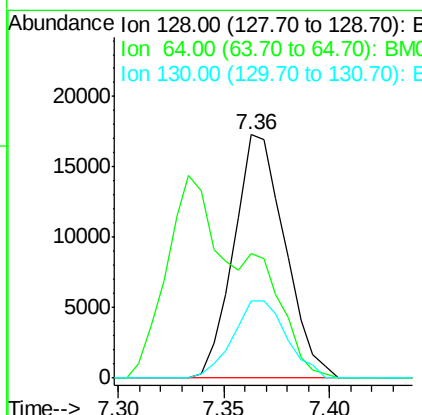
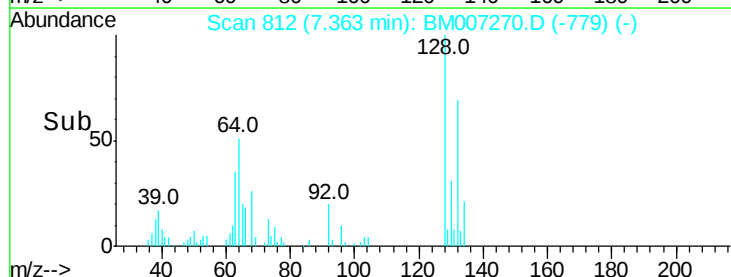
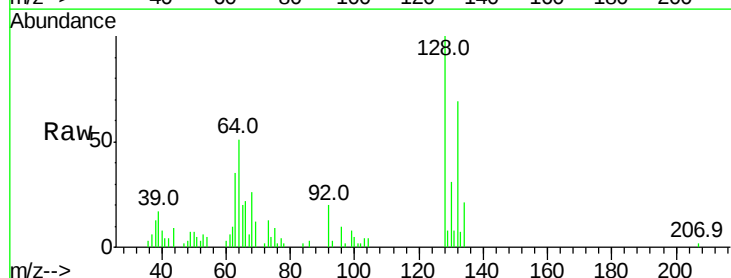
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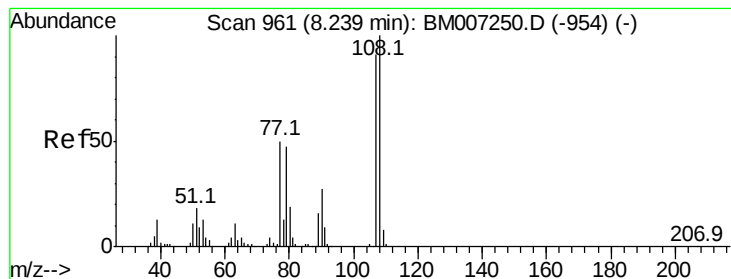
Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	128	Resp:	29071
Ion	Ratio	Lower	Upper
128	100		
64	51.1	37.5	56.3
130	31.5	25.0	37.4





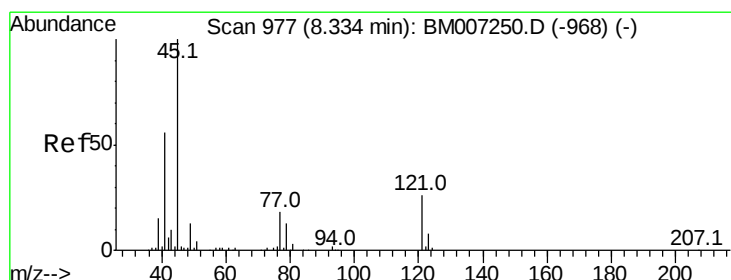
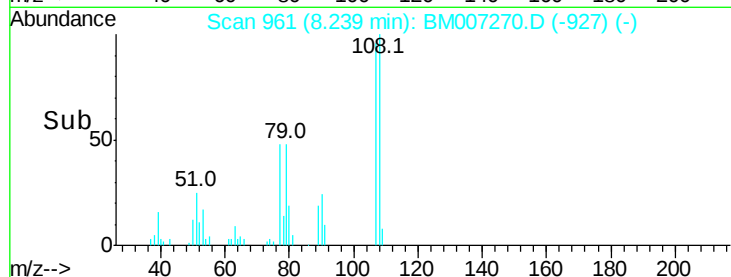
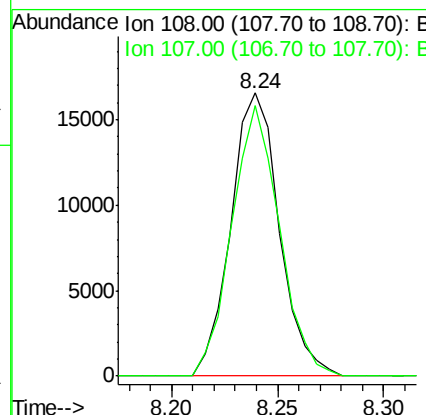
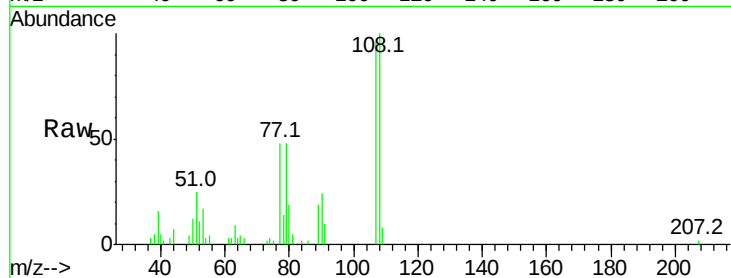
#11
 2-Methylphenol
 Concen: 1.77 ng/ul
 RT: 8.24 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion: 108 Resp: 26329
 Ion Ratio Lower Upper
 108 100
 107 95.6 71.8 107.6

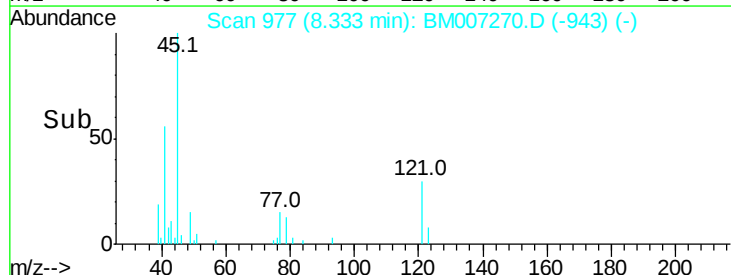
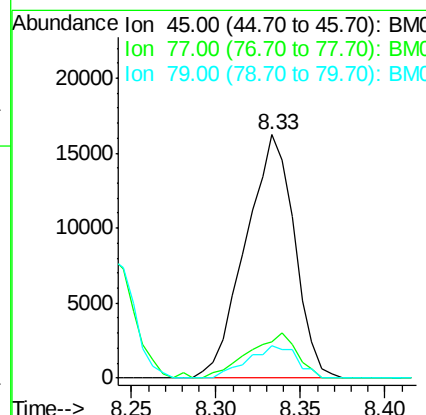
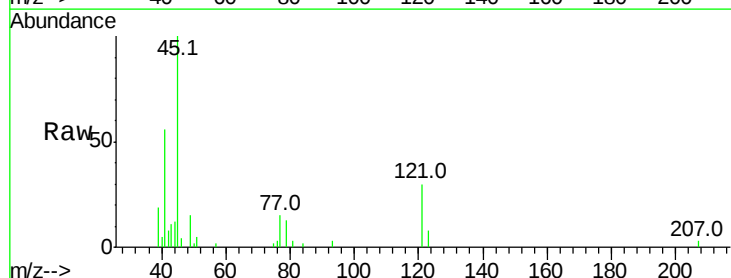
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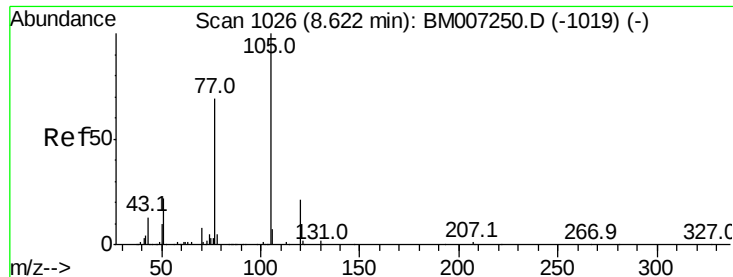
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#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.19 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion: 45 Resp: 32661
 Ion Ratio Lower Upper
 45 100
 77 14.6 14.1 21.1
 79 13.1 10.4 15.6





#14

Acetophenone

Concen: 2.22 ng/ul

RT: 8.62 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

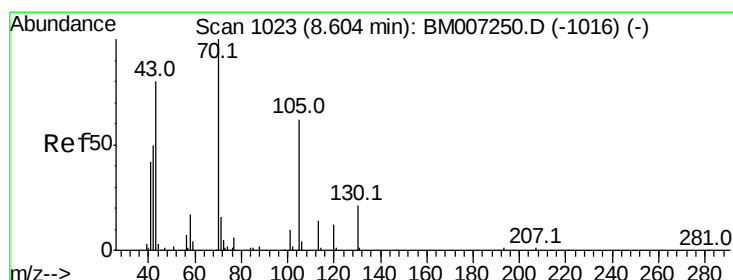
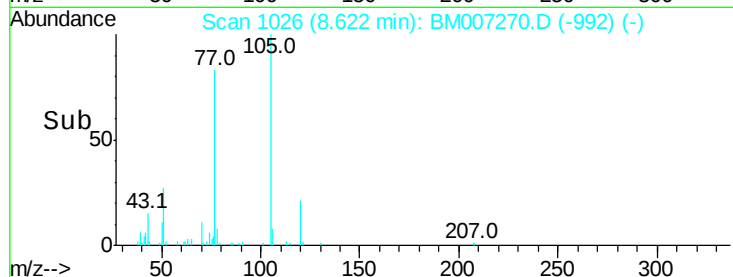
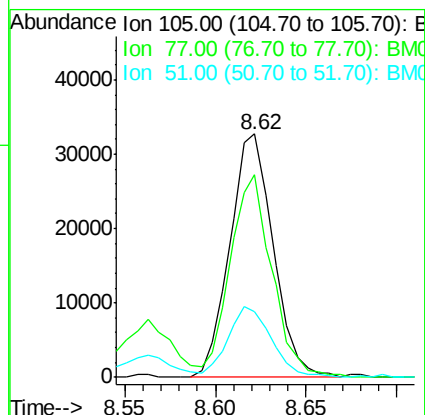
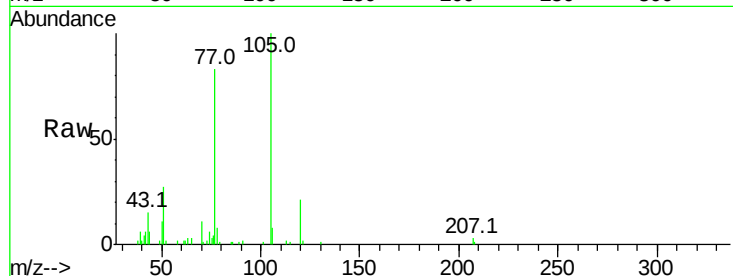
ClientSampleId :

MDL-BLK-W

Tot Ion:	105	Resp:	54475
Ion Ratio	Lower	Upper	
105	100		
77	83.4	65.9	98.9
51	27.2	22.2	33.2

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#15

N-Nitroso-di-n-propylamine

Concen: 2.14 ng/ul

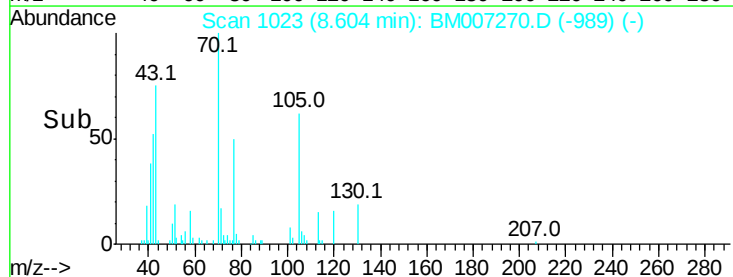
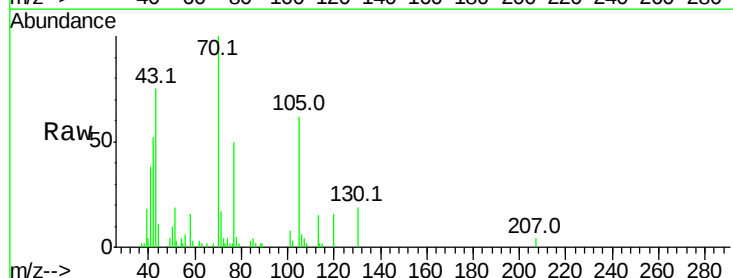
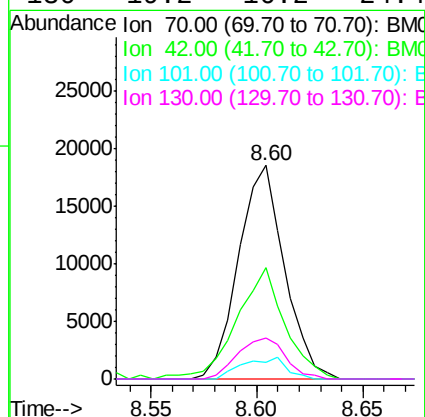
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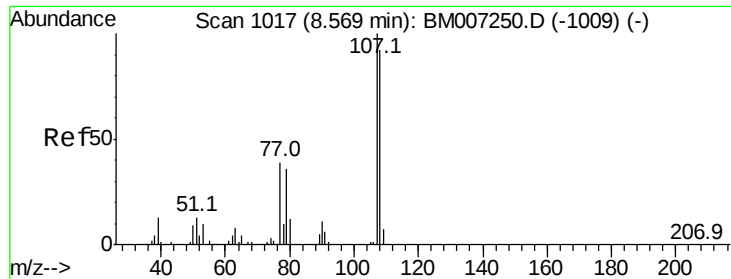
Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	70	Resp:	27921
Ion Ratio	Lower	Upper	
70	100		
42	52.4	43.4	65.2
101	7.7	7.8	11.6#
130	19.2	16.2	24.4





#16

4-Methylphenol

Concen: 1.98 ng/ul

RT: 8.56 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tot Ion:108 Resp: 33002

Ion Ratio Lower Upper

108 100

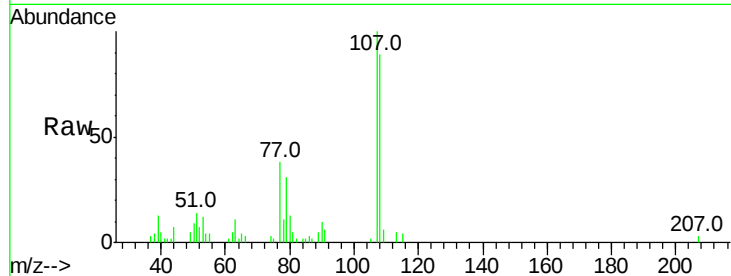
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Manual Integrations

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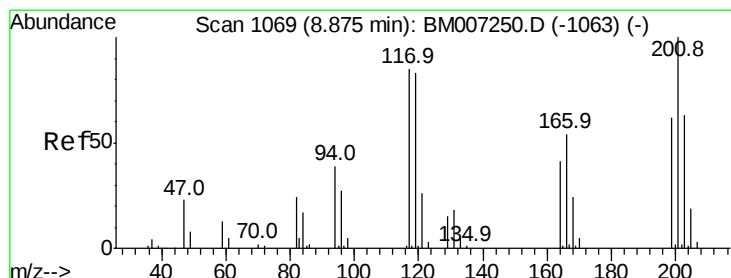
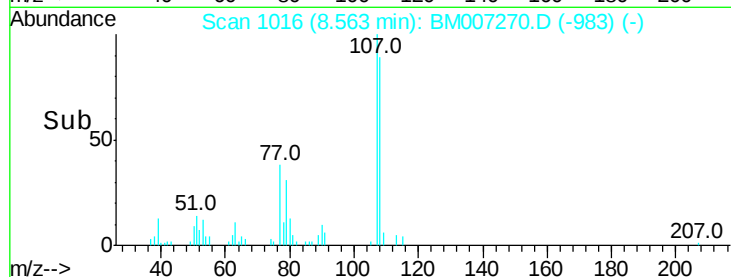
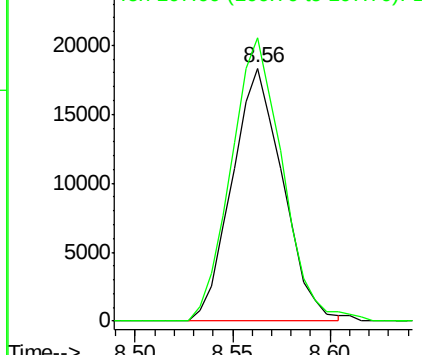
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 2.05 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

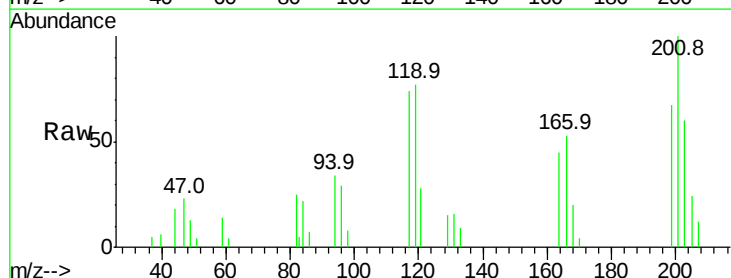
Tgt Ion:117 Resp: 11065

Ion Ratio Lower Upper

117 100

201 135.2 90.3 135.5

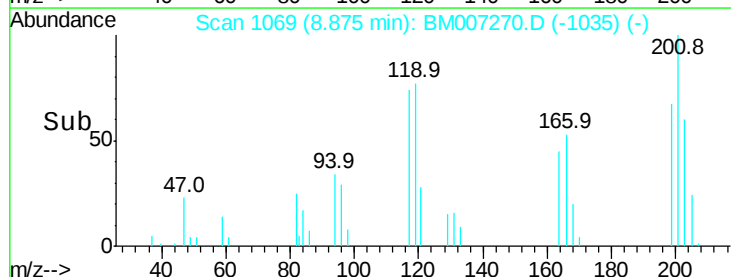
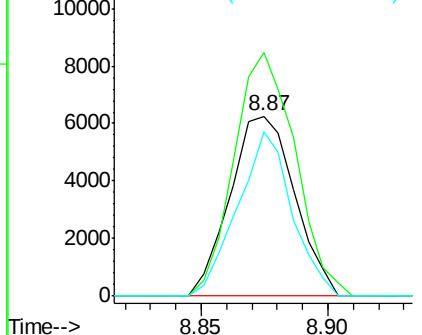
199 91.2 58.5 87.7#

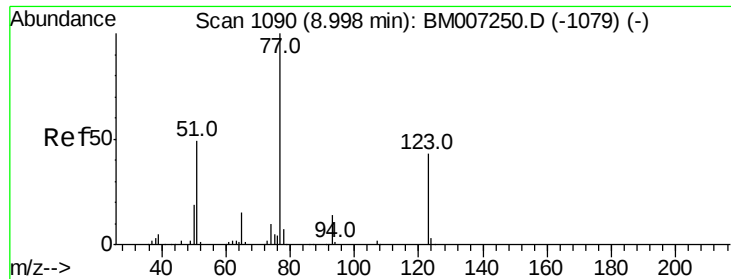


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





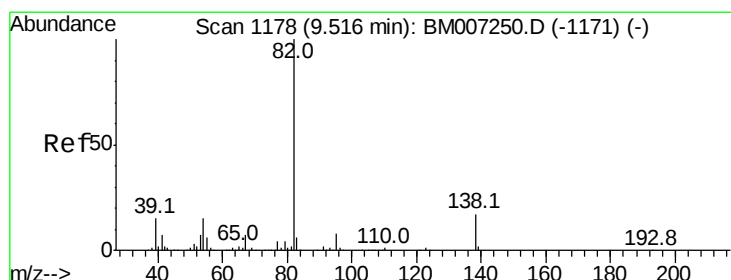
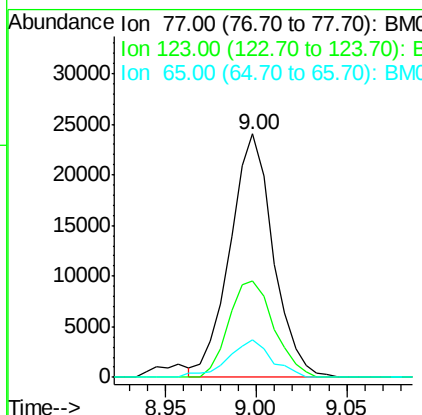
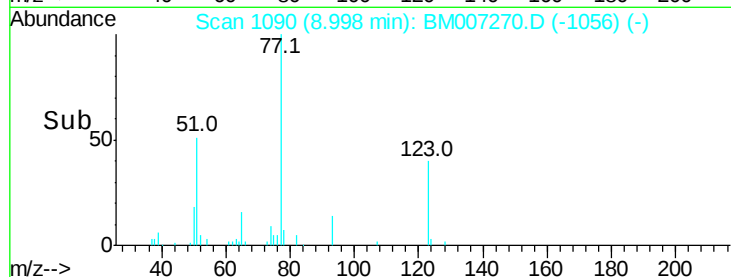
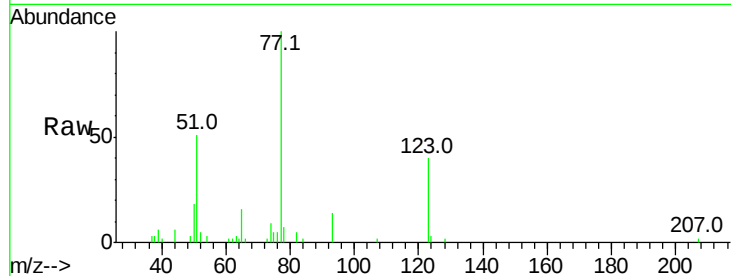
#20
Nitrobenzene
Concen: 2.16 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
77	100		
123	39.6	34.2	51.4
65	15.6	11.0	16.6

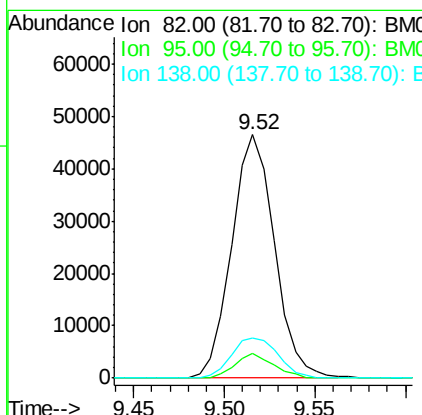
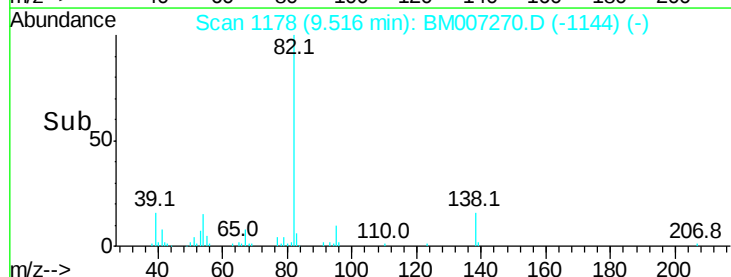
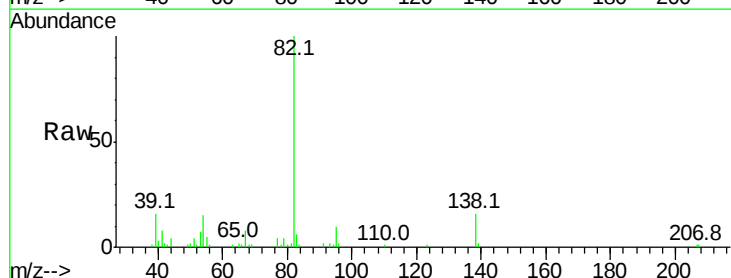
Manual Integrations
APPROVED

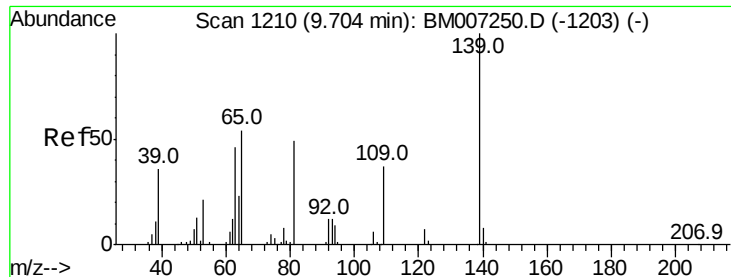
sohil
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#21
Isophorone
Concen: 2.03 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	6.9	10.3
138	16.4	13.8	20.8





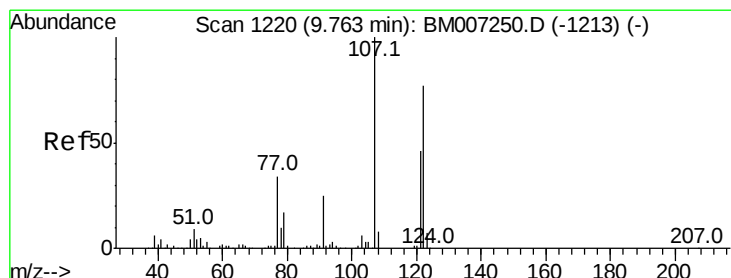
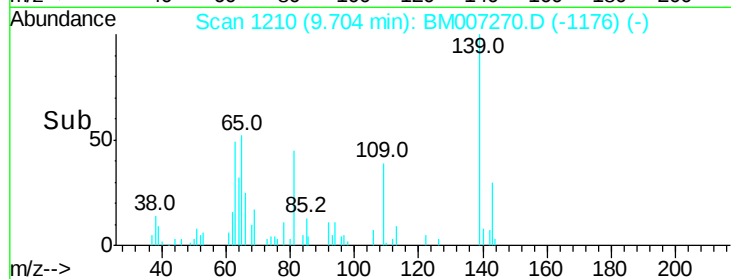
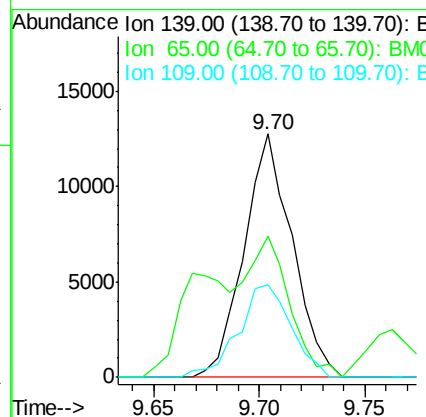
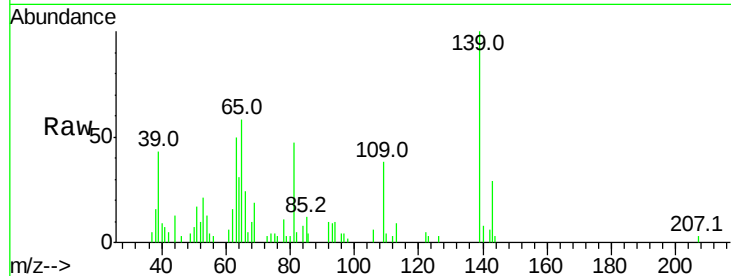
#23
2-Nitrophenol
Concen: 2.21 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampled :
MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
139	100	20166		
65	58.1		44.2	66.4
109	38.1		28.2	42.4

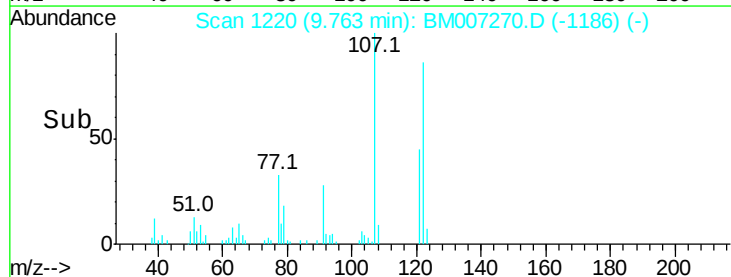
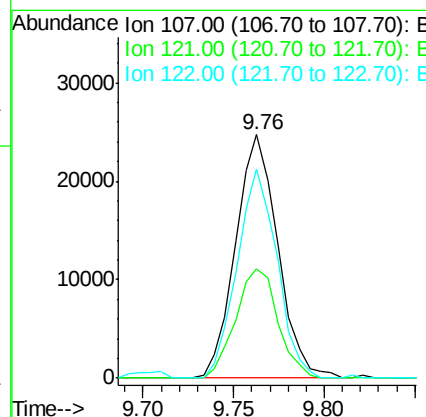
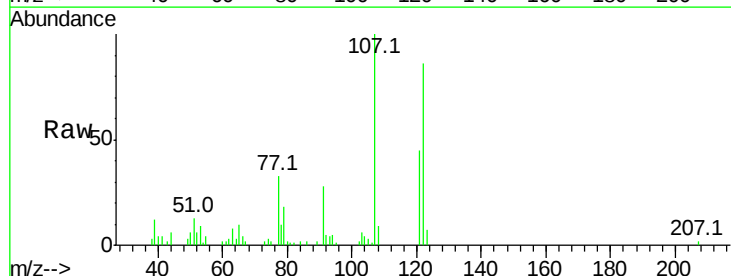
Manual Integrations
APPROVED

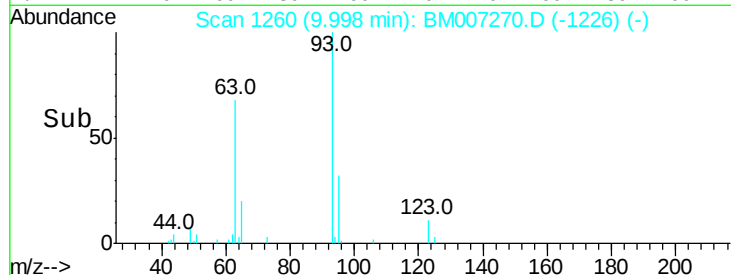
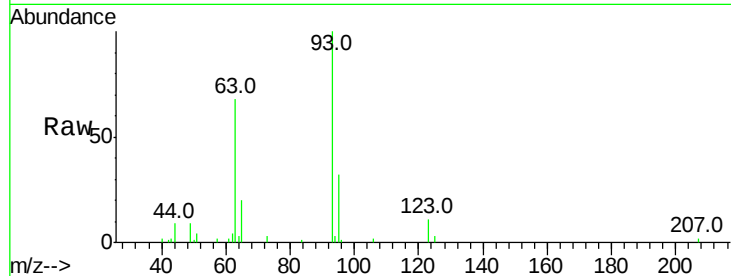
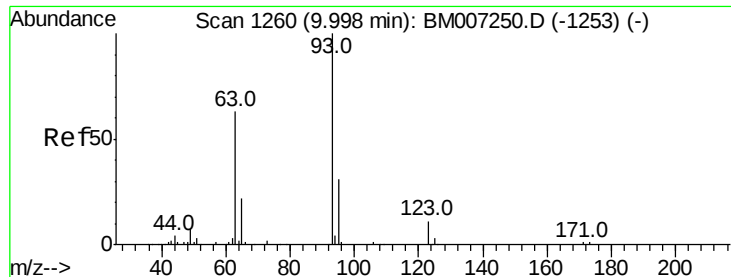
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#24
2,4-Dimethylphenol
Concen: 1.98 ng/ul
RT: 9.76 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	39979		
121	44.7		37.1	55.7
122	86.0		62.8	94.2





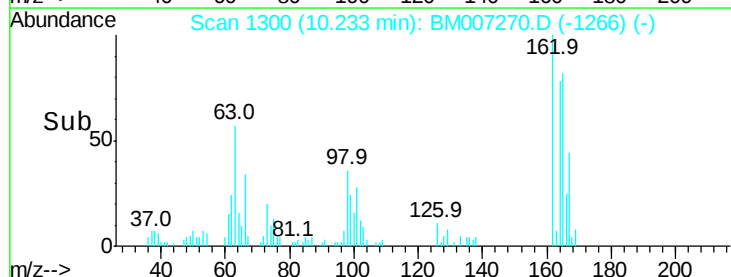
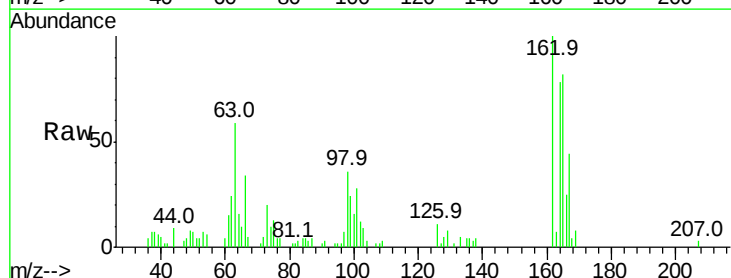
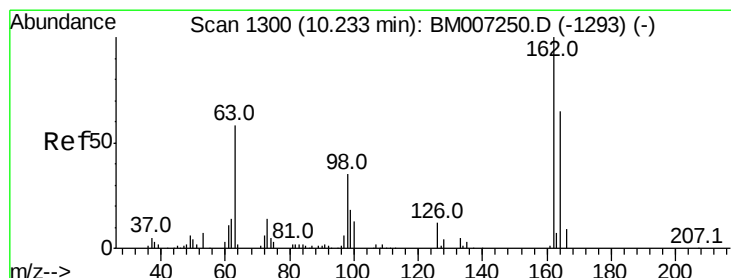
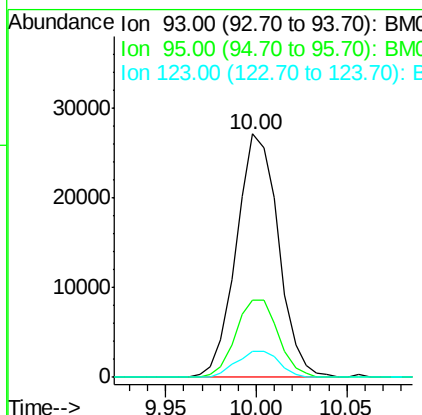
#25
Bis(2-Chloroethoxy)methane
Concen: 2.07 ng/ul
RT: 10.00 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	10.6	8.3	12.5

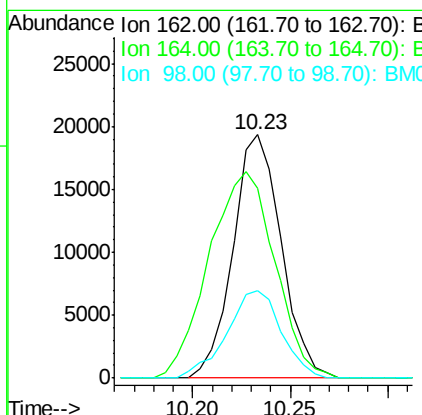
Manual Integrations
APPROVED

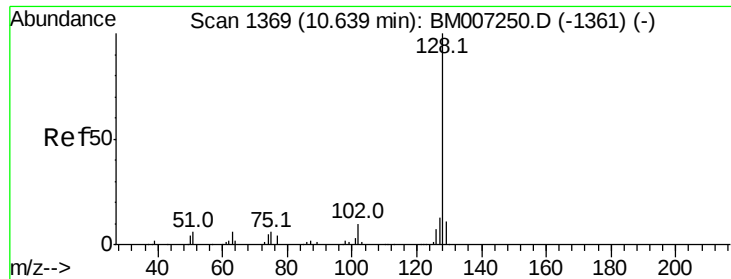
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#27
2,4-Dichlorophenol
Concen: 1.99 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
162	100		
164	78.2	51.6	77.4#
98	36.0	28.4	42.6





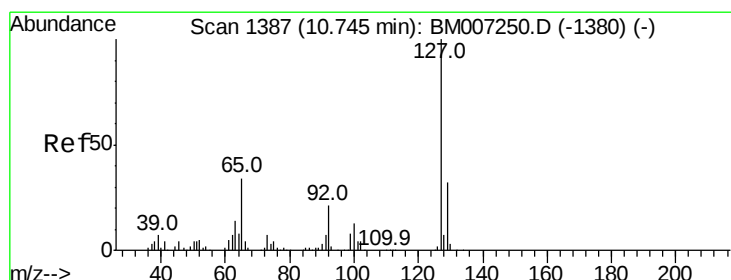
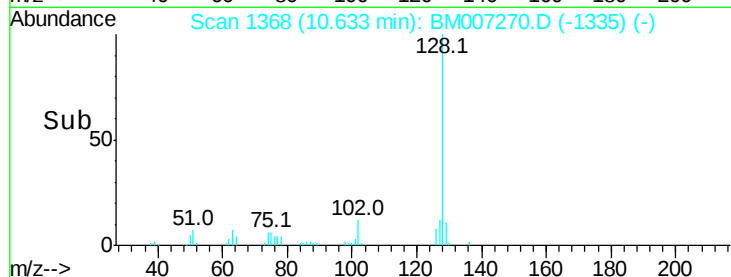
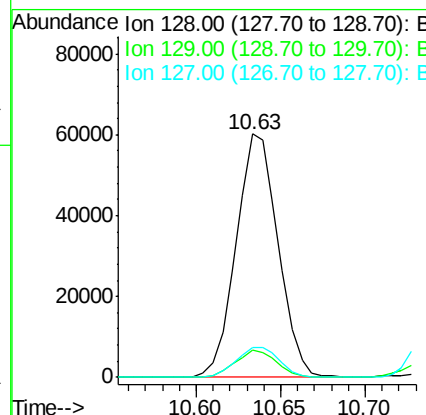
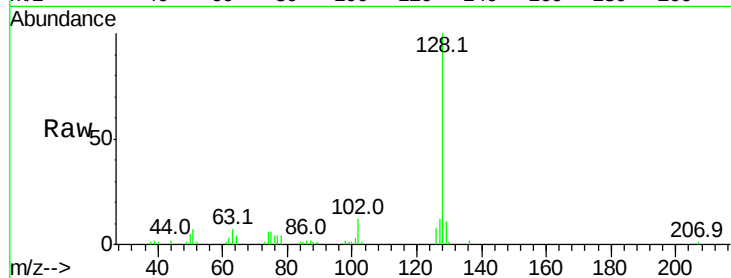
#28
Naphthalene
Concen: 2.13 ng/ul
RT: 10.63 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	12.8	
127	12.1	10.6	15.8	

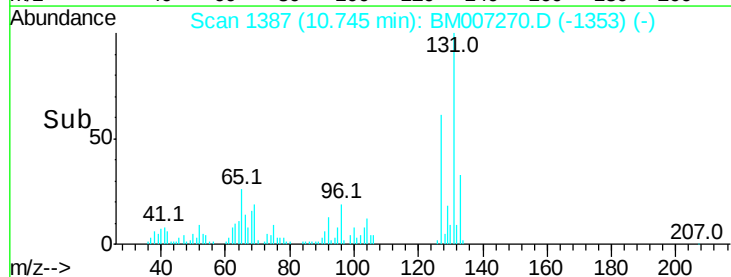
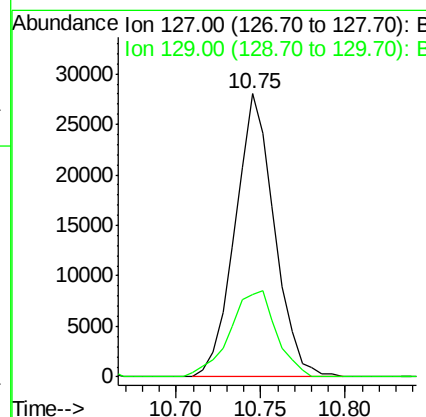
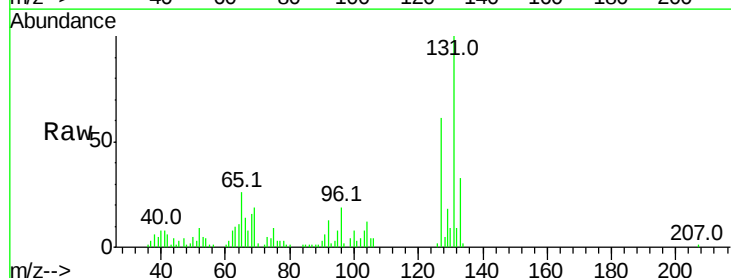
Manual Integrations
APPROVED

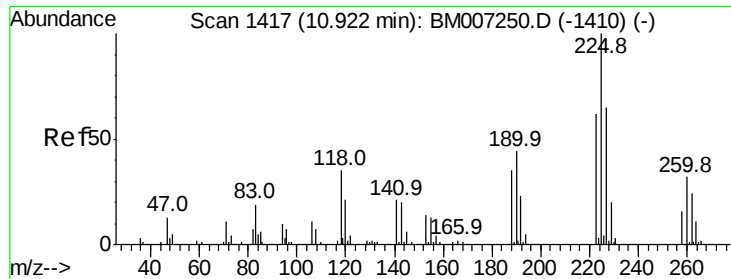
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#30
4-Chloroaniline
Concen: 2.11 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.0	24.6	37.0	





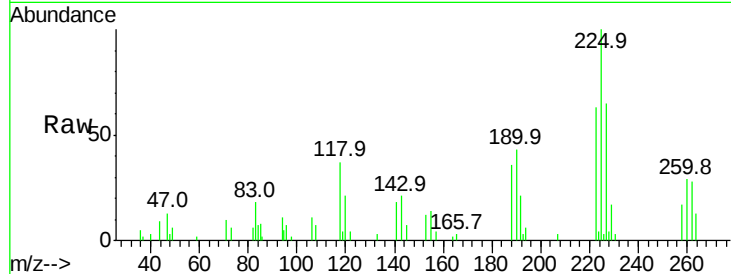
#31
 Hexachlorobutadiene
 Concen: 2.12 ng/ul
 RT: 10.92 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-W

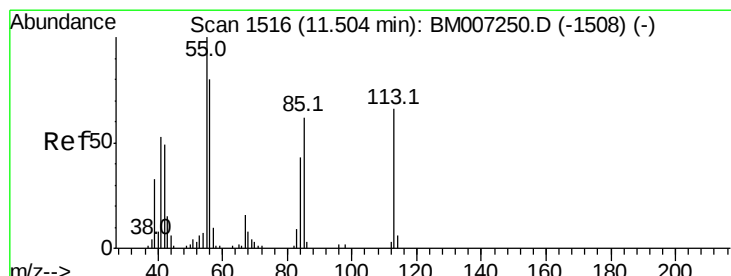
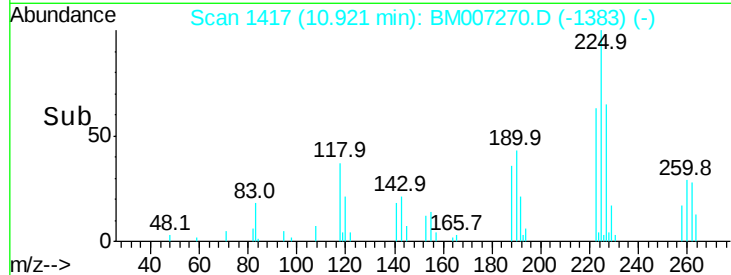
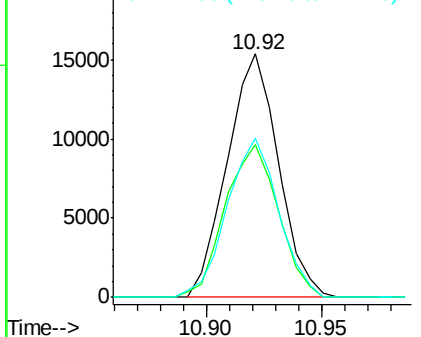
Tot Ion:	225	Resp:	23793
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.2	76.8
227	65.5	52.5	78.7

Manual Integrations
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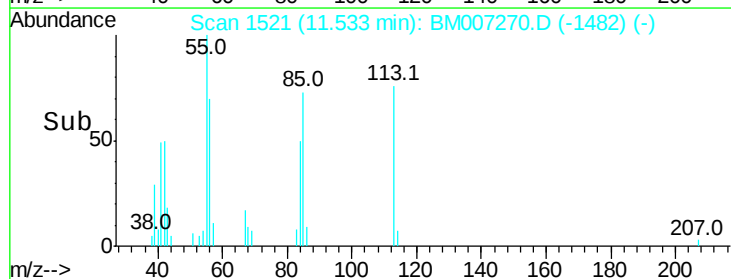
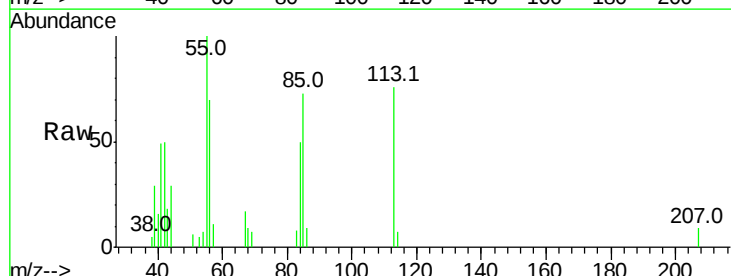
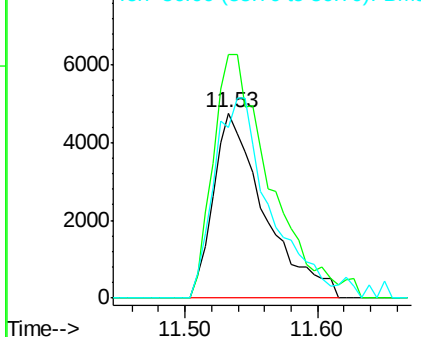
Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

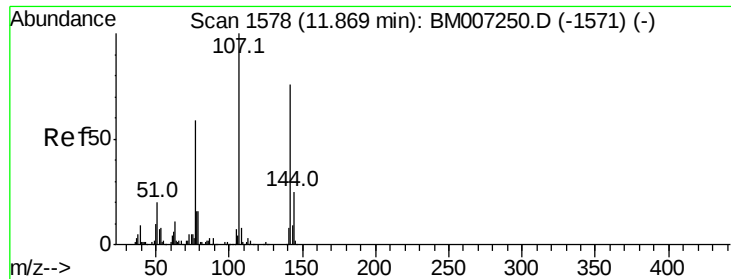


#32
 Caprolactam
 Concen: 1.89 ng/ul m
 RT: 11.53 min Scan# 1521
 Delta R.T. 0.03 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion:	113	Resp:	12664
Ion Ratio	Lower	Upper	
113	100		
55	131.5	121.9	182.9
56	92.3	97.4	146.0#

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





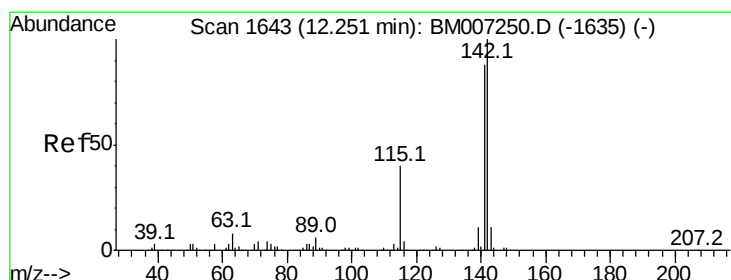
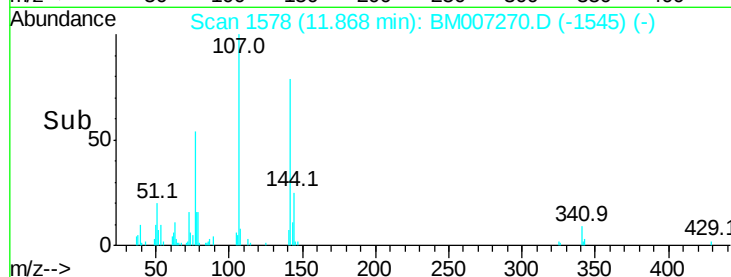
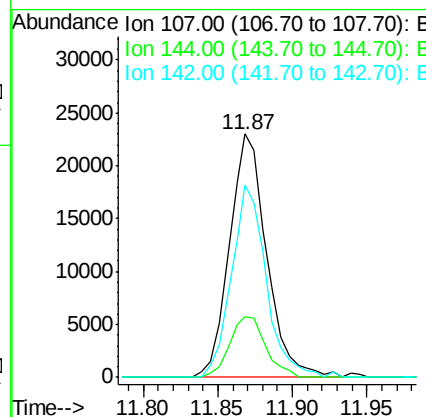
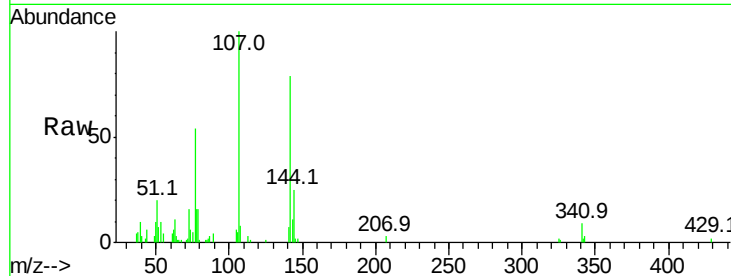
#33
 4-Chloro-3-methylphenol
 Concen: 1.95 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	79.2	64.1	96.1

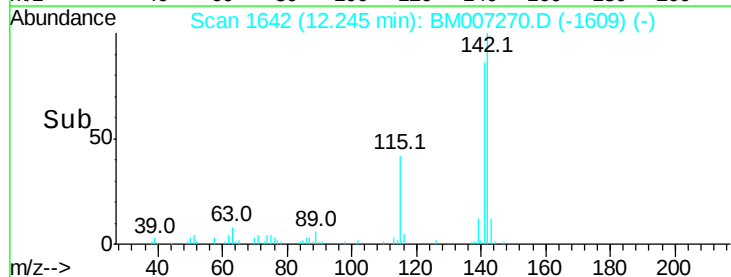
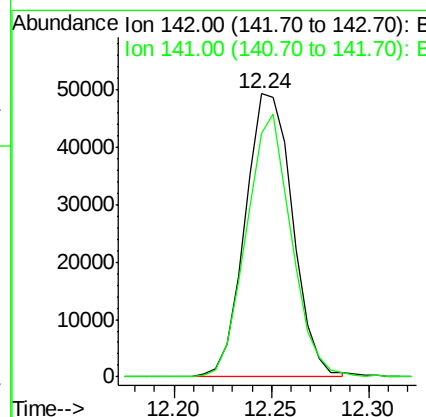
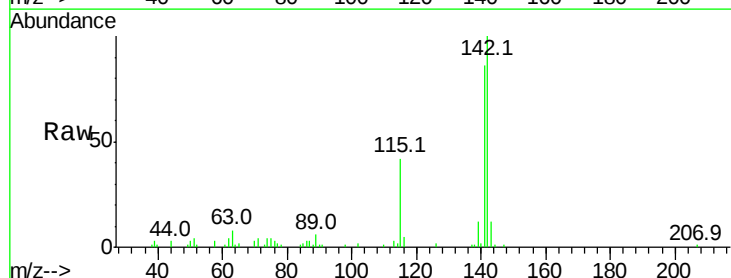
Manual Integrations
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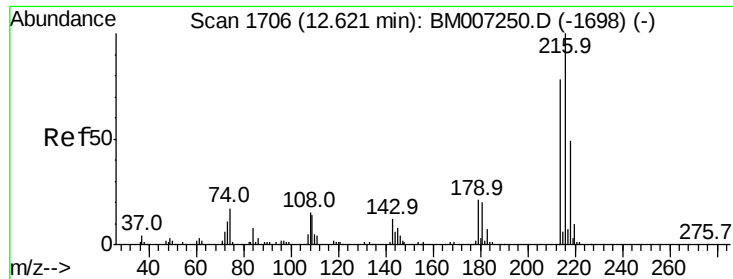
sohil
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#34
 2-Methylnaphthalene
 Concen: 2.08 ng/ul
 RT: 12.24 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.3	106.9





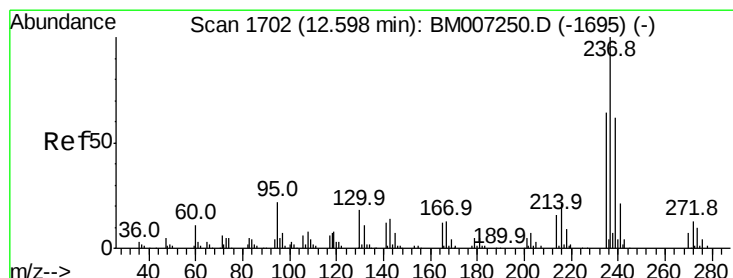
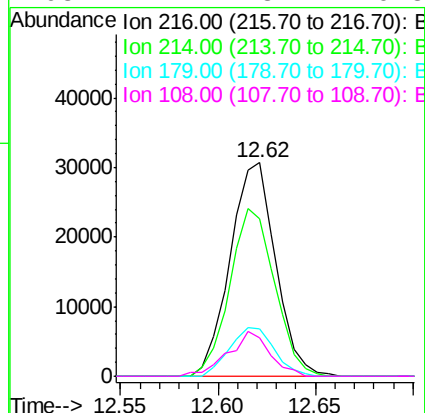
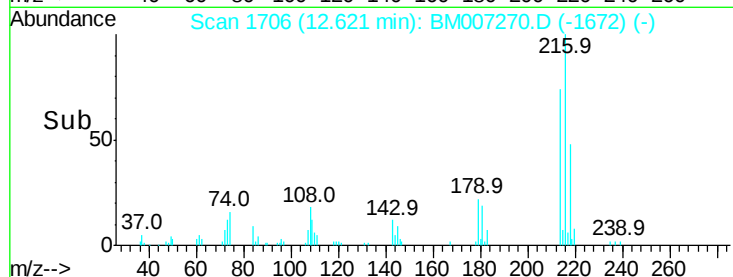
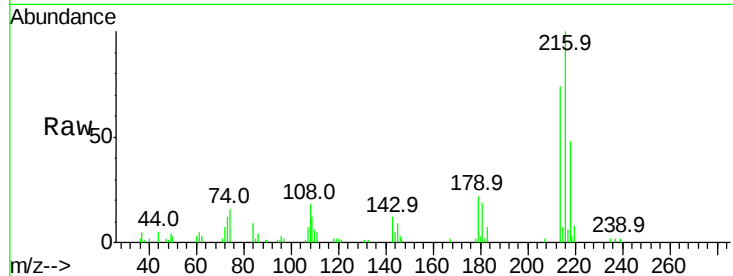
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.08 ng/ul
 RT: 12.62 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
216	100	49522		
214	73.8		64.8	97.2
179	22.4		16.7	25.1
108	17.7		13.2	19.8

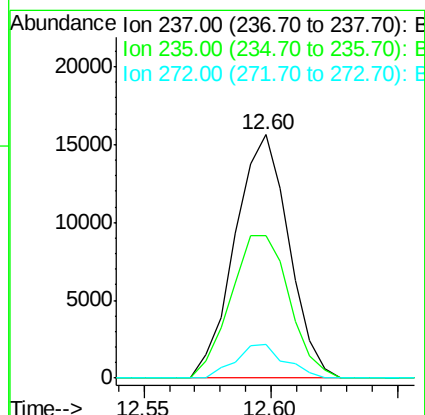
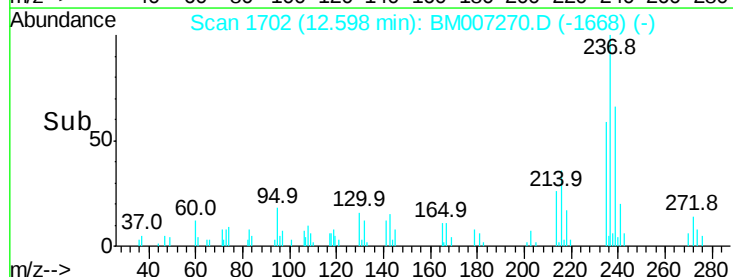
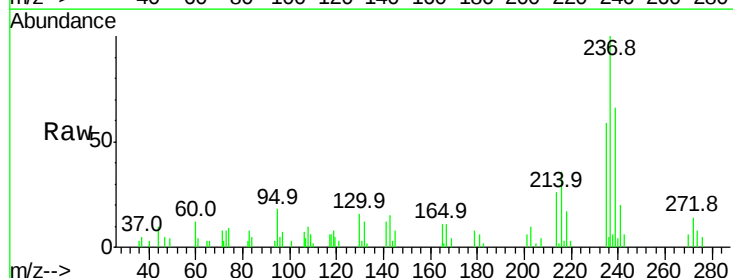
Manual Integrations
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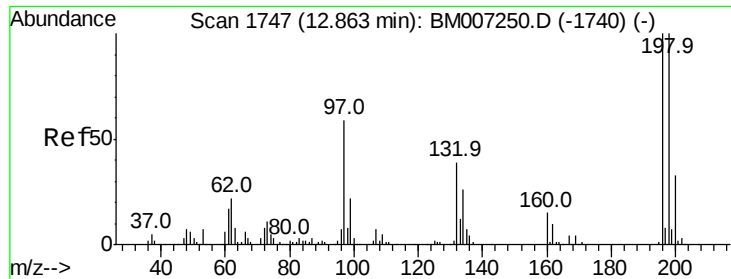
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#37
 Hexachlorocyclopentadiene
 Concen: 1.61 ng/ul
 RT: 12.60 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23143		
235	58.7		49.6	74.4
272	13.9		10.4	15.6





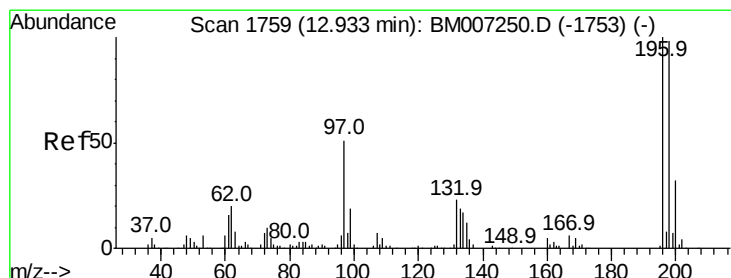
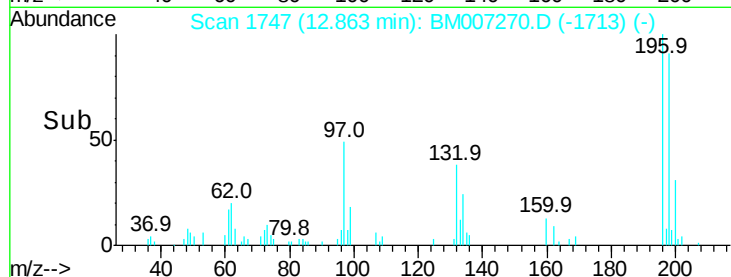
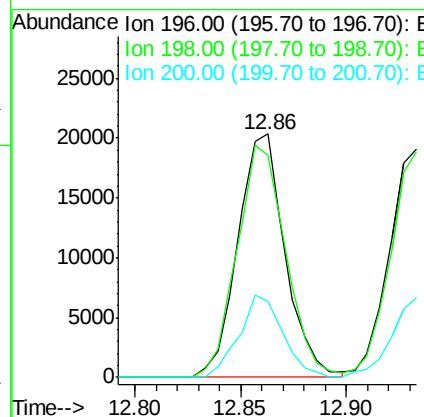
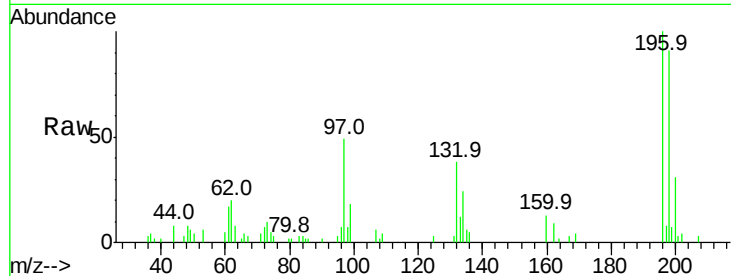
#38
 2,4,6-Trichlorophenol
 Concen: 1.88 ng/ul
 RT: 12.86 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
196	100	31609		
198	91.0	76.9	115.3	
200	31.3	25.1	37.7	

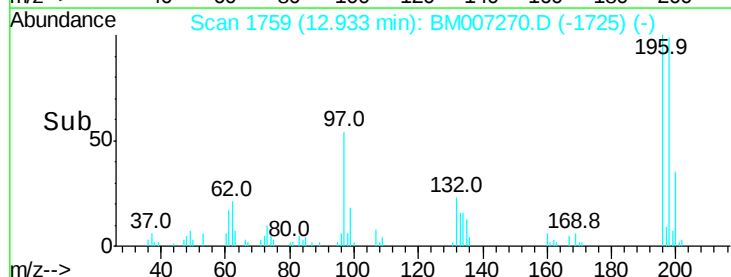
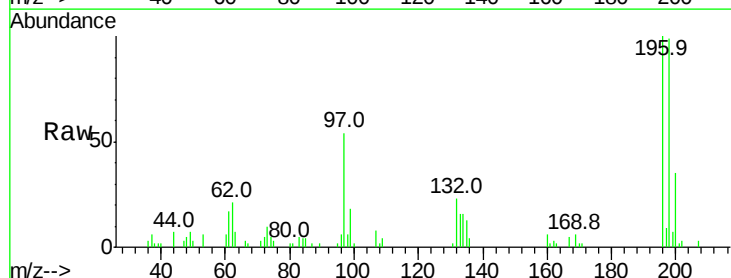
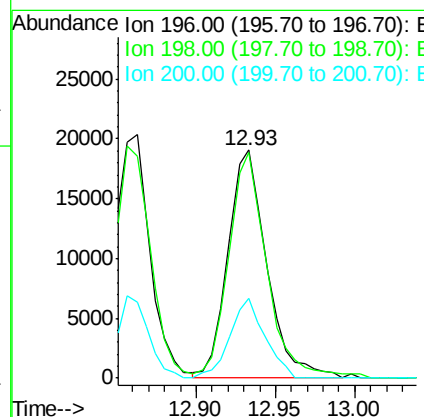
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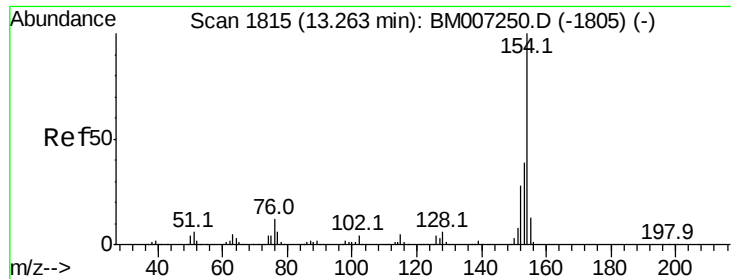
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#39
 2,4,5-Trichlorophenol
 Concen: 1.85 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	32415		
198	98.9	76.8	115.2	
200	35.2	27.0	40.4	





#40

1,1'-Biphenyl

Concen: 2.11 ng/ul

RT: 13.26 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

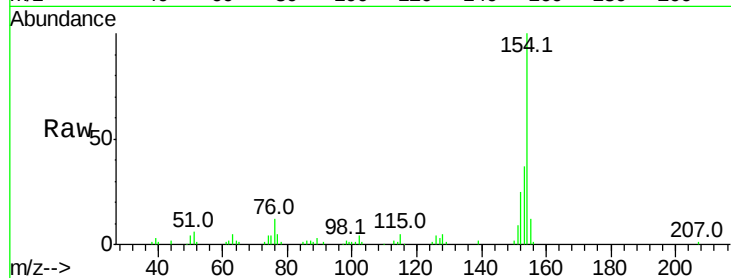
ClientSampled :

MDL-BLK-W

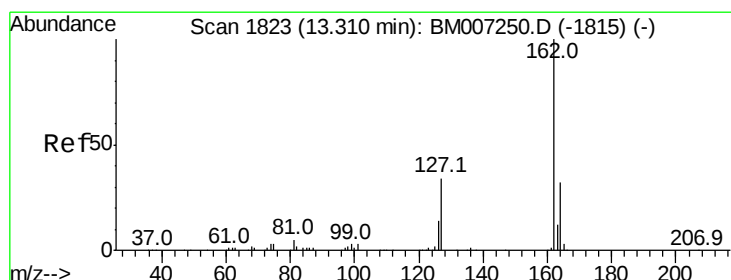
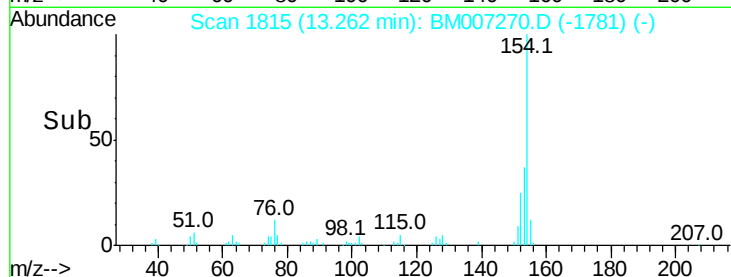
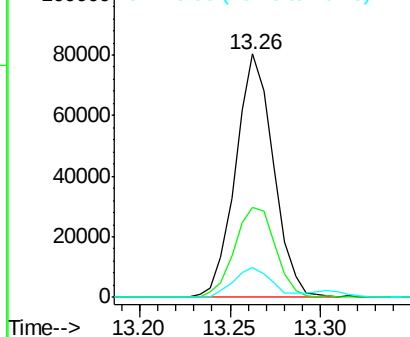
Tot Ion:	154	Resp:	116880
Ion Ratio	Lower	Upper	
154	100		
153	37.0	31.3	46.9
76	12.3	10.0	15.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#41

2-Chloronaphthalene

Concen: 2.08 ng/ul

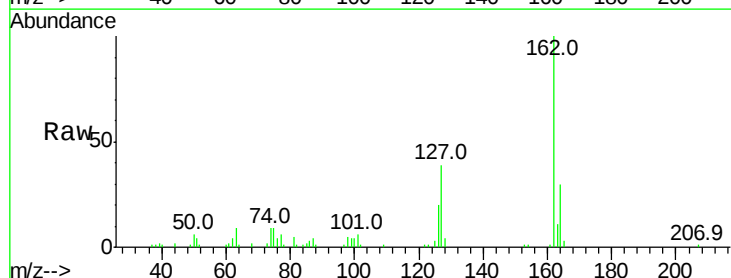
RT: 13.30 min Scan# 1822

Delta R.T. -0.00 min

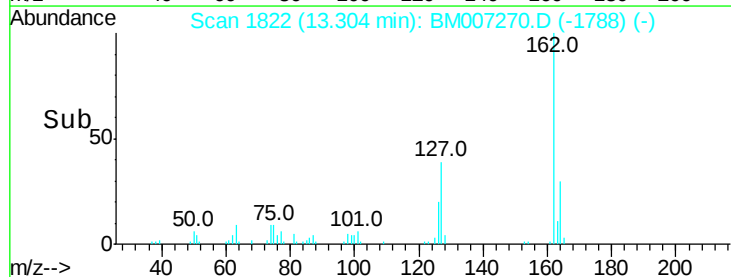
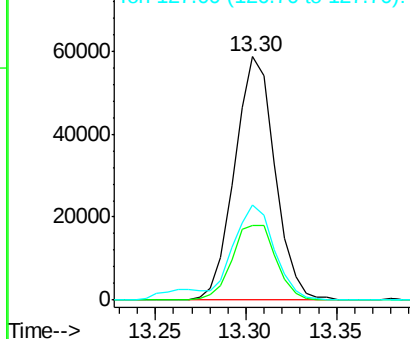
Lab File: BM007270.D

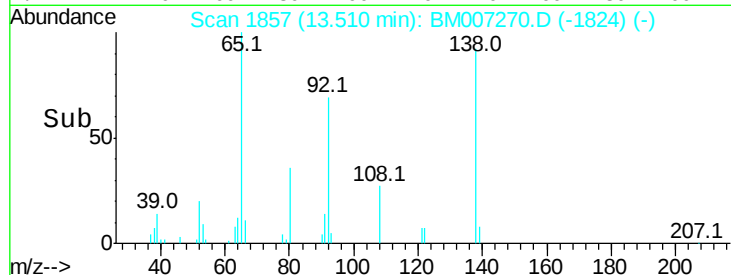
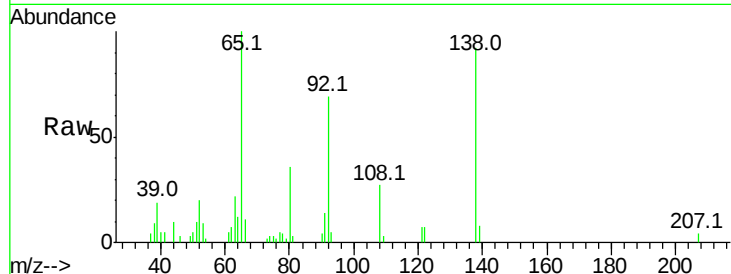
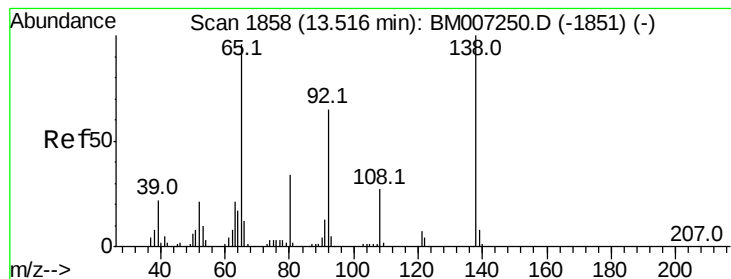
Acq: 24 Aug 2016 01:56

Tgt Ion:	162	Resp:	90530
Ion Ratio	Lower	Upper	
162	100		
164	30.5	26.9	40.3
127	38.9	31.2	46.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 1.78 ng/ul

RT: 13.51 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

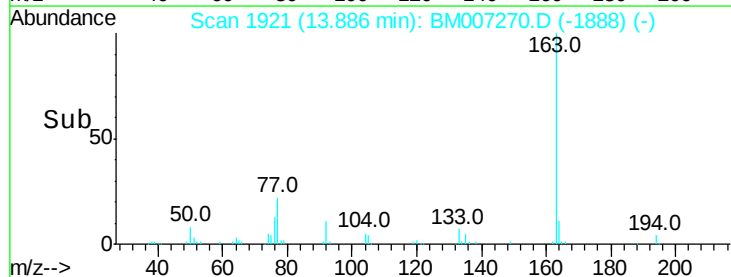
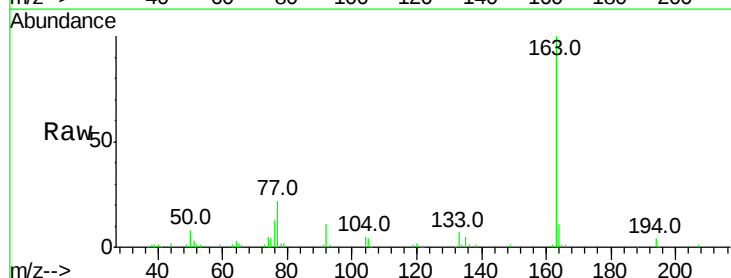
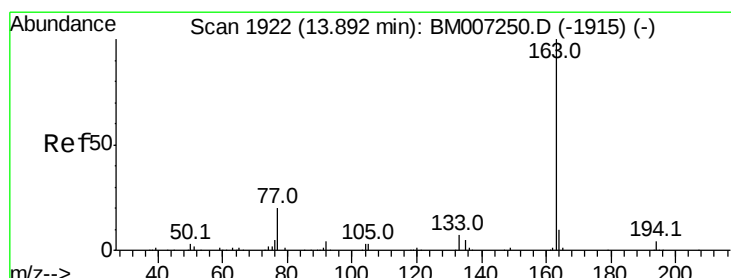
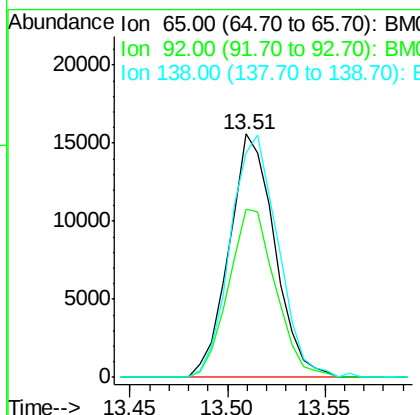
ClientSampleId :

MDL-BLK-W

Tot Ion:	65	Resp:	25265
Ion Ratio	Lower	Upper	
65	100		
92	69.0	55.6	83.4
138	91.9	81.3	121.9

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#44

Dimethylphthalate

Concen: 2.20 ng/ul

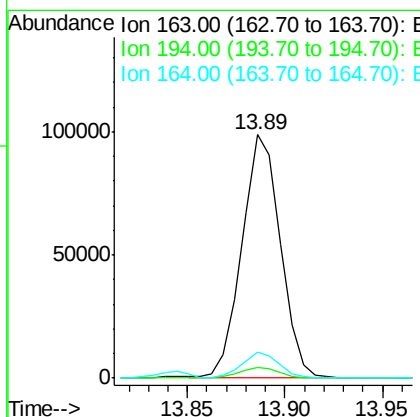
RT: 13.89 min Scan# 1921

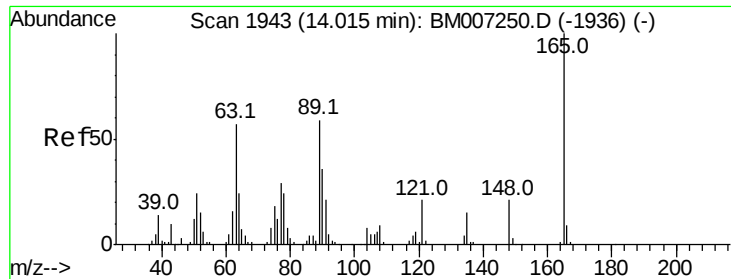
Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	163	Resp:	135425
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.6	7.8	11.8





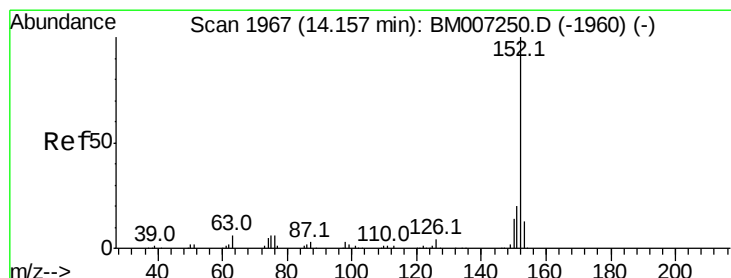
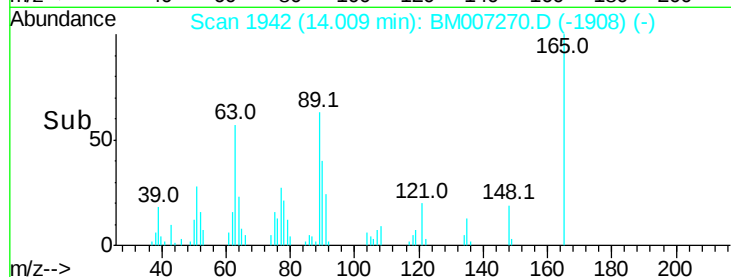
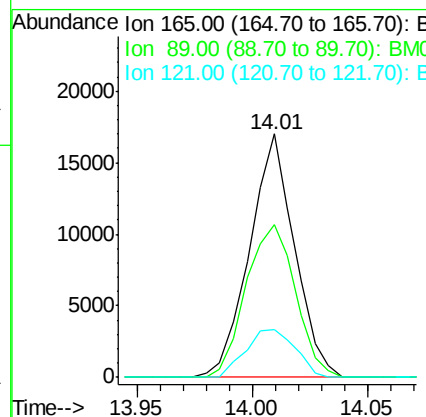
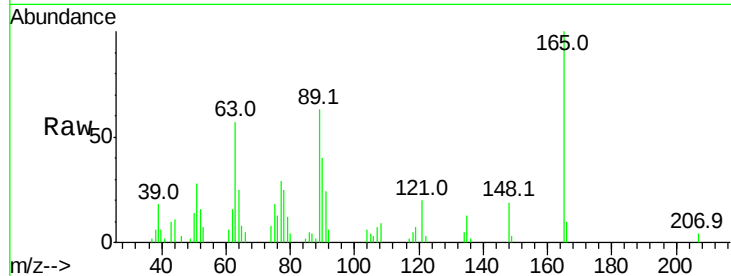
#45
 2,6-Dinitrotoluene
 Concen: 1.83 ng/ul
 RT: 14.01 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion:	165	Resp:	23030
Ion Ratio	Lower	Upper	
165	100		
89	62.7	46.6	69.8
121	19.8	16.0	24.0

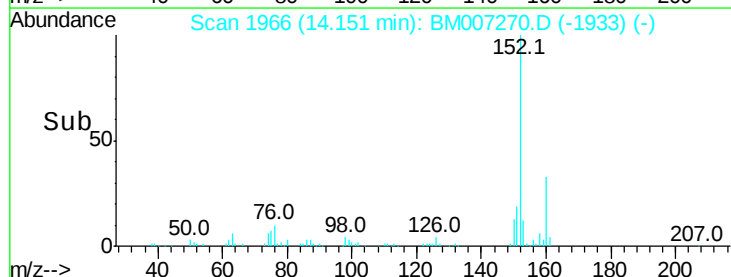
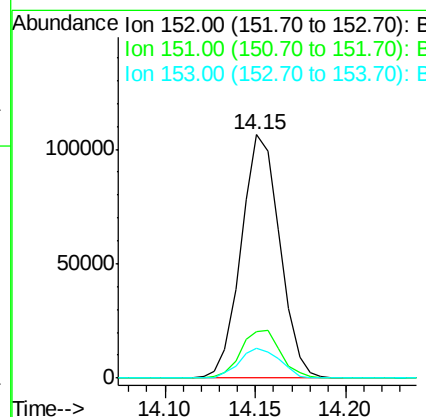
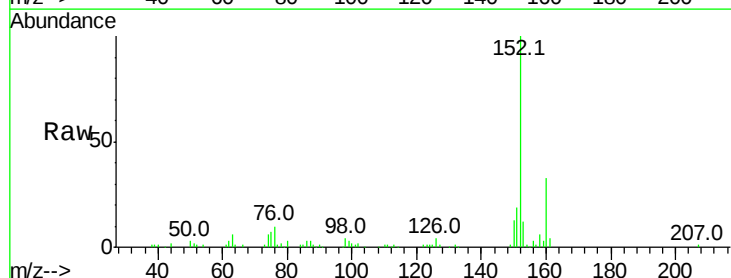
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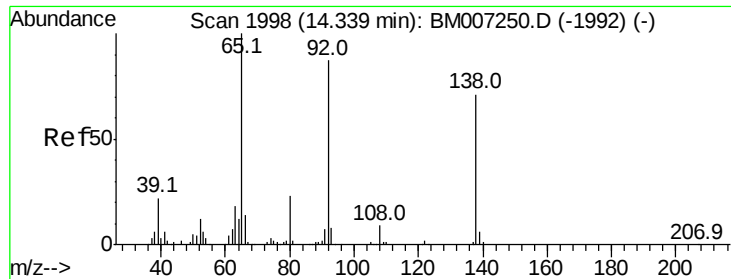
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#47
 Acenaphthylene
 Concen: 2.14 ng/ul
 RT: 14.15 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion:	152	Resp:	157291
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.0	24.0
153	12.4	11.0	16.6





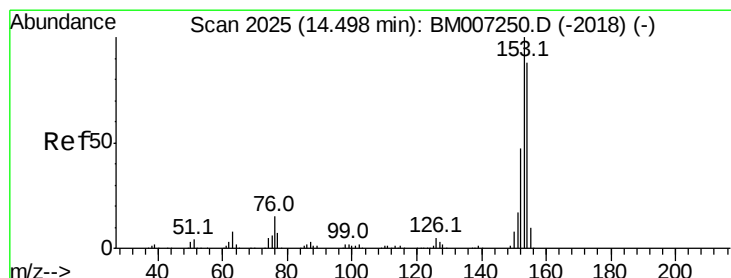
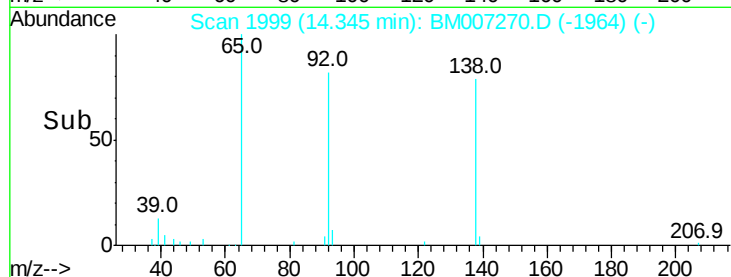
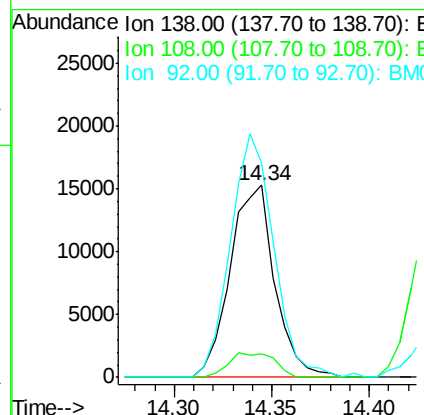
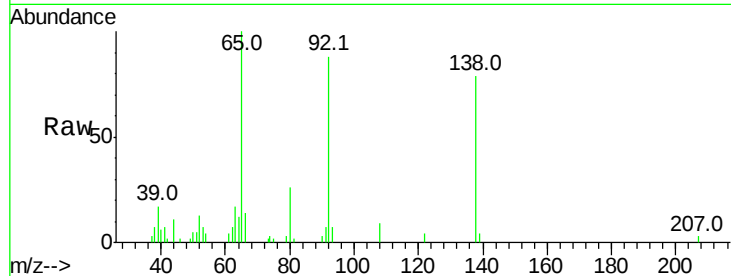
#48
3-Nitroaniline
Concen: 1.89 ng/ul
RT: 14.34 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampled :
MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.4	14.0
92	111.3	96.6	145.0

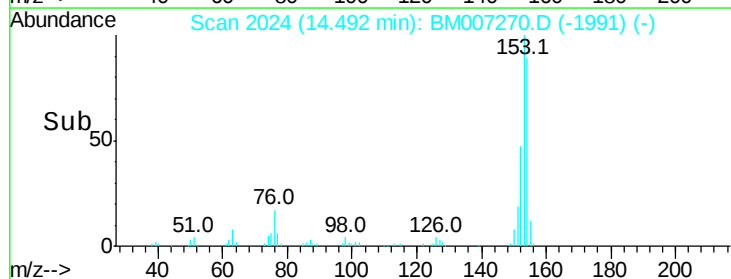
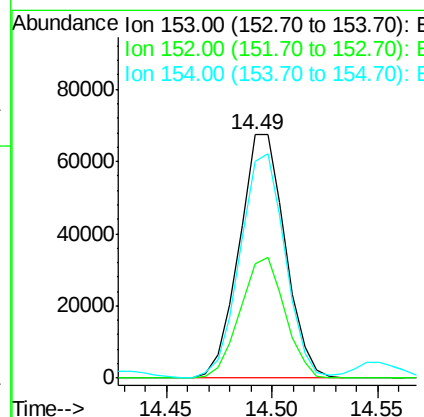
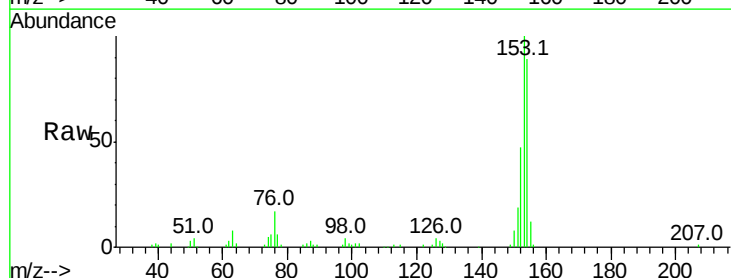
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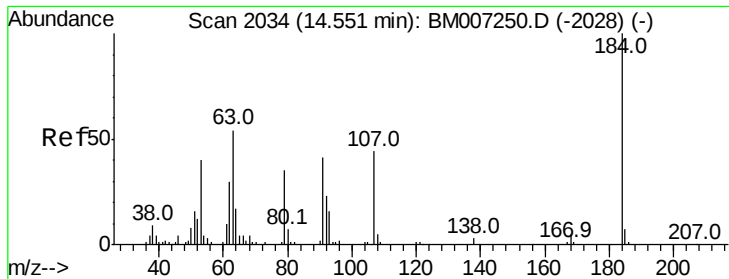
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#49
Acenaphthene
Concen: 2.12 ng/ul
RT: 14.49 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	88.8	71.4	107.0





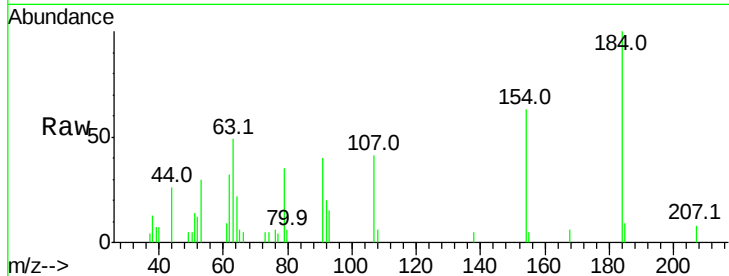
#50
2,4-Dinitrophenol
Concen: 1.22 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

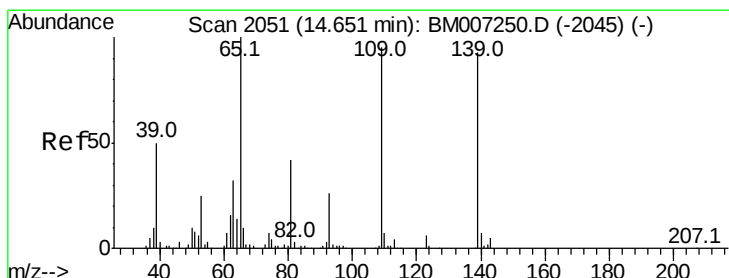
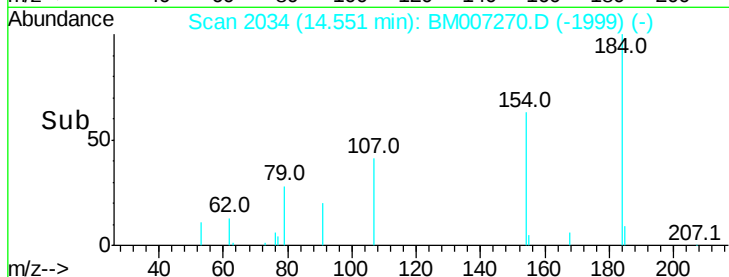
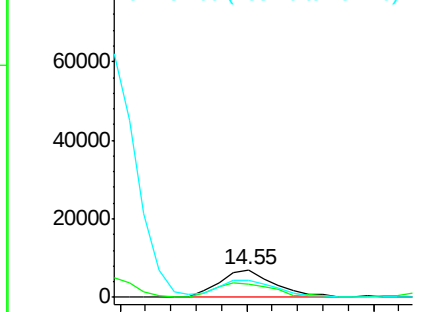
Tot Ion	Ratio	Resp	Lower	Upper
184	100	10360		
63	49.0		43.4	65.0
154	62.6		48.2	72.4

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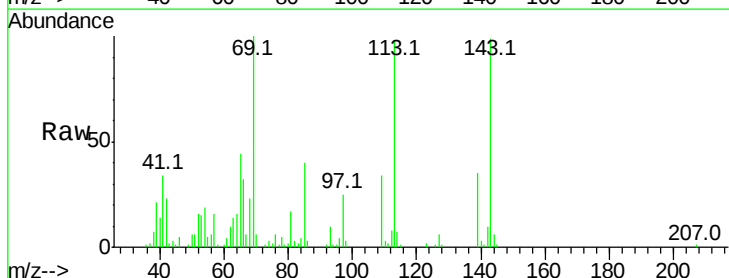


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

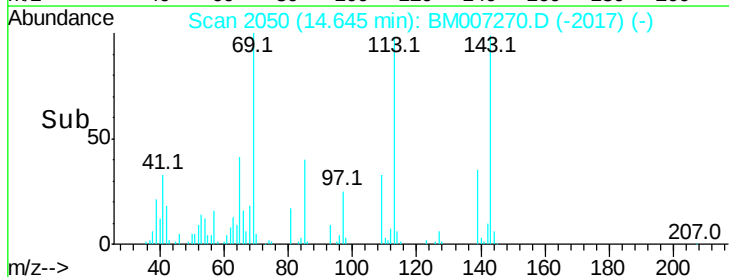
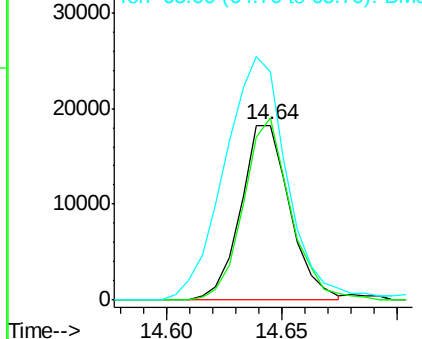


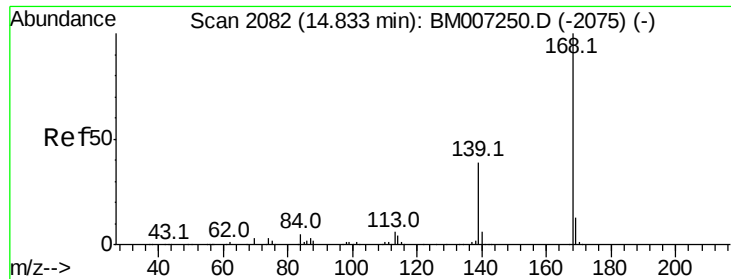
#52
4-Nitrophenol
Concen: 2.18 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	27060		
139	104.6		88.7	133.1
65	130.4		96.4	144.6



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: 2.18 ng/ul

RT: 14.83 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tot Ion:168 Resp: 156565

Ion Ratio Lower Upper

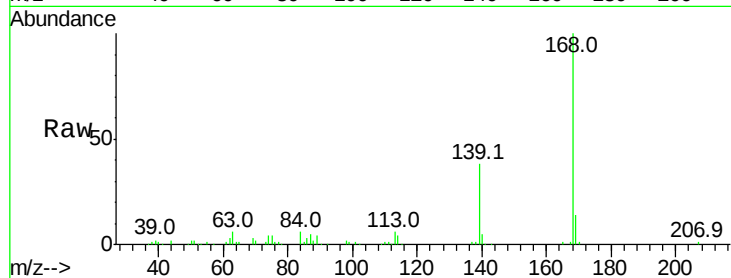
168 100

139 38.1 30.1 45.1

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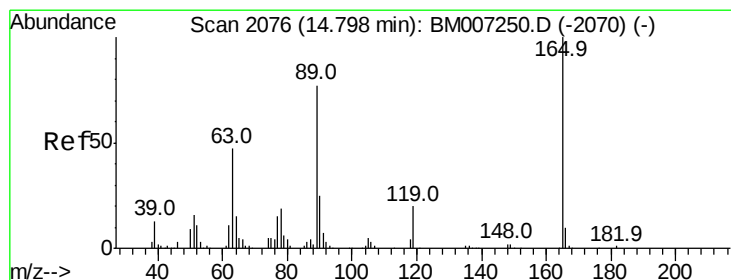
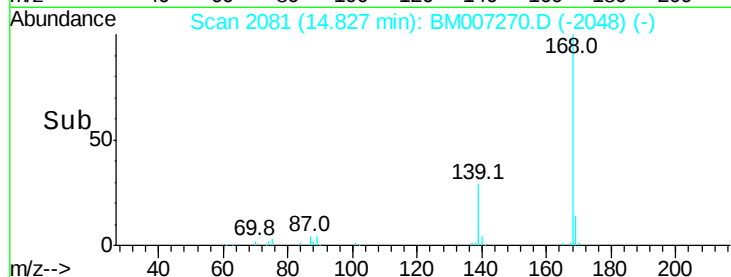
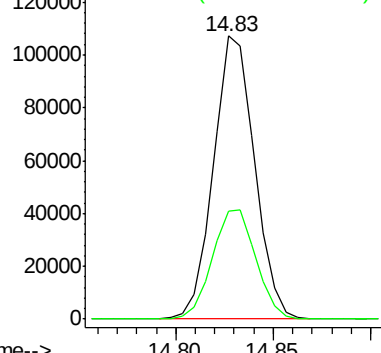
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 2.08 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

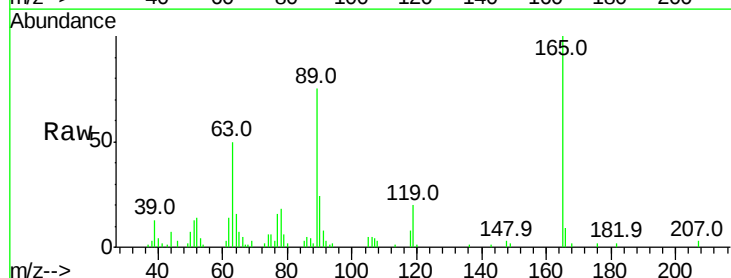
Tgt Ion:165 Resp: 40009

Ion Ratio Lower Upper

165 100

63 50.0 36.2 54.2

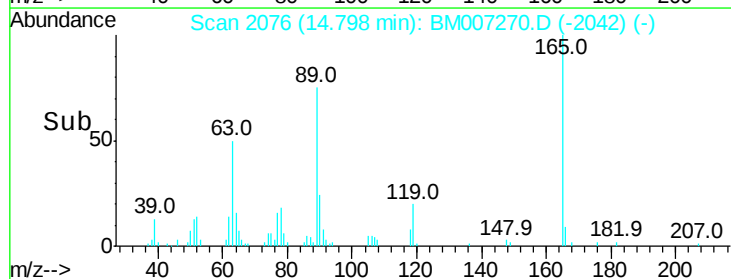
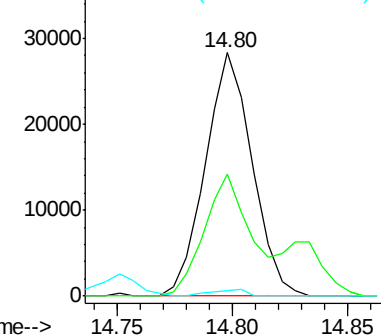
182 2.2 2.2 3.4#

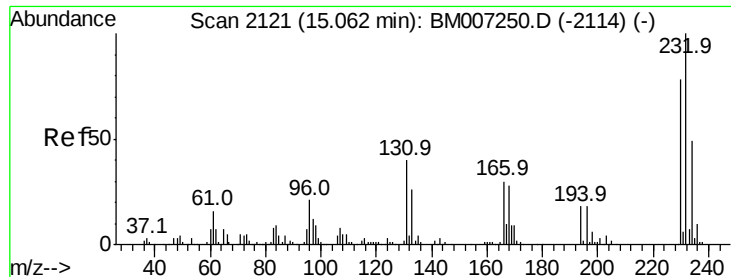


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 1.99 ng/ul

RT: 15.06 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tot Ion:232 Resp: 35915

Ion Ratio Lower Upper

232 100

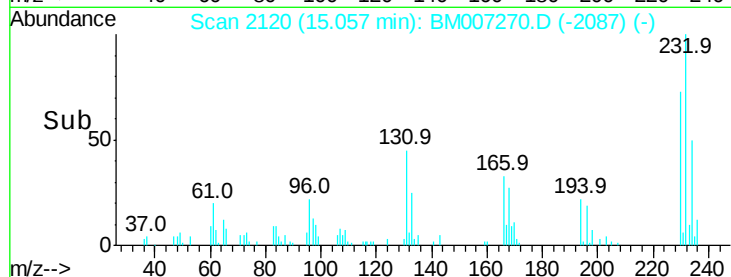
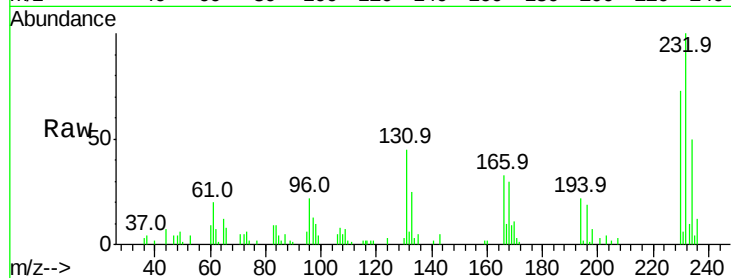
131 44.6 31.4 47.0

130 2.9 1.6 2.4

166 33.1 22.6 33.8

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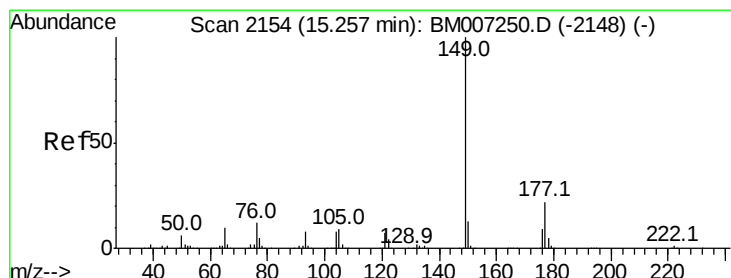
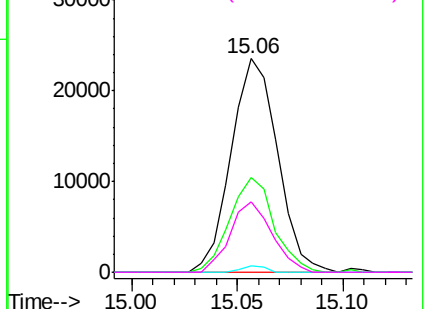


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56

Diethylphthalate

Concen: 2.15 ng/ul

RT: 15.25 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

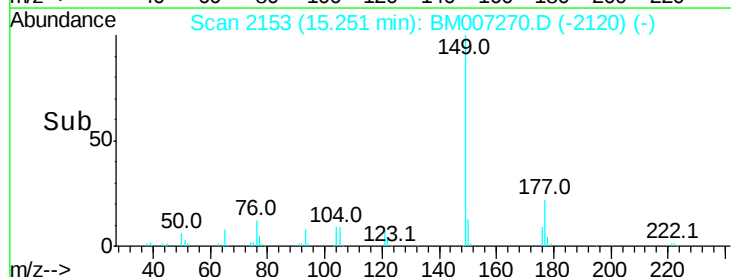
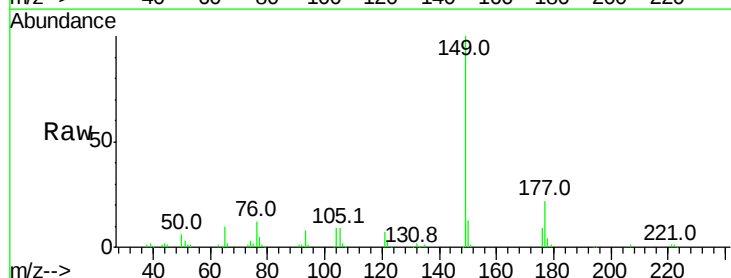
Tgt Ion:149 Resp: 137911

Ion Ratio Lower Upper

149 100

177 21.8 18.6 28.0

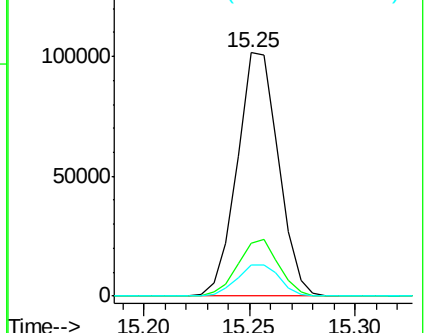
150 12.8 10.0 15.0

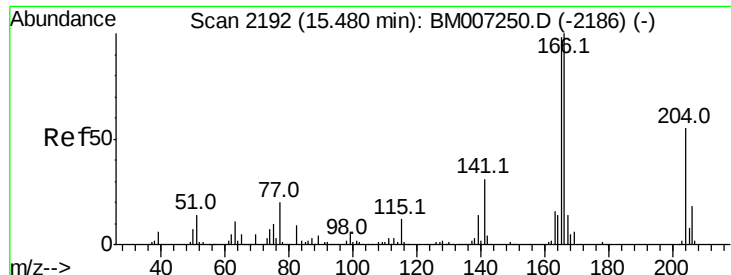


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





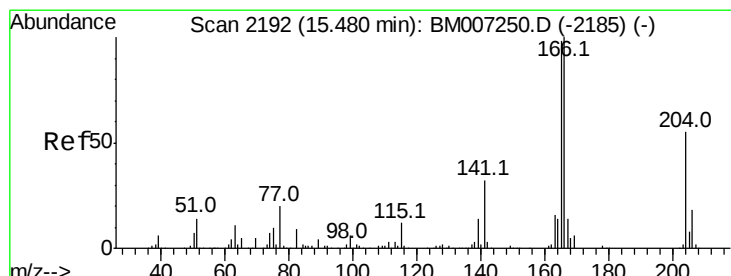
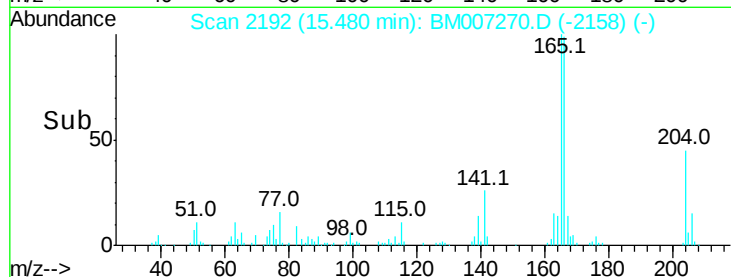
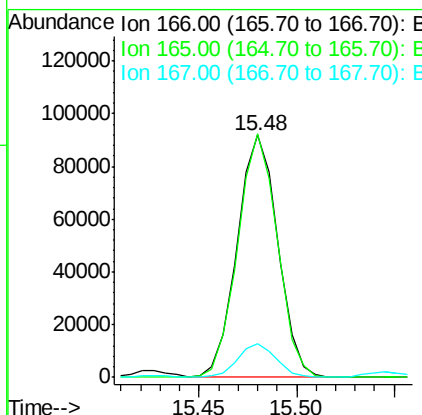
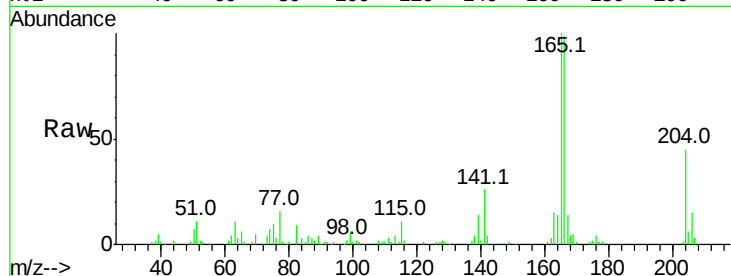
#58
Fluorene
 Concen: 2.24 ng/ul
 RT: 15.48 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	79.9	119.9	
167	13.7	10.5	15.7	

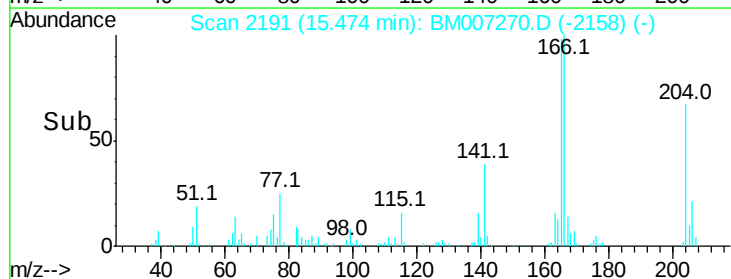
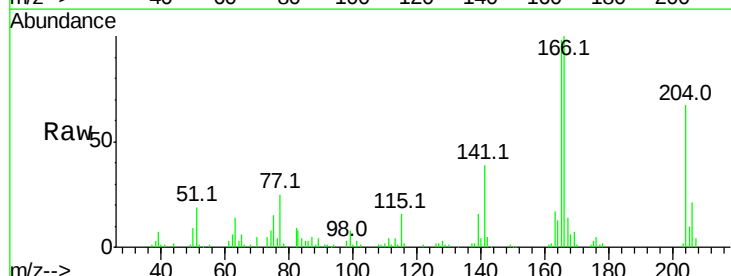
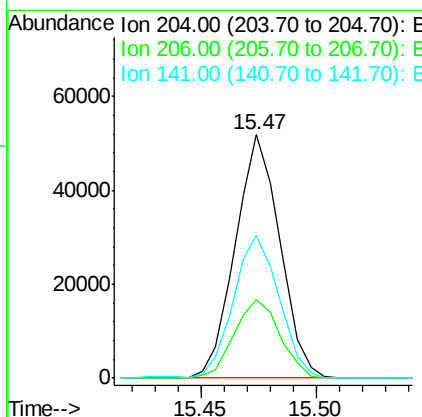
Manual Integrations
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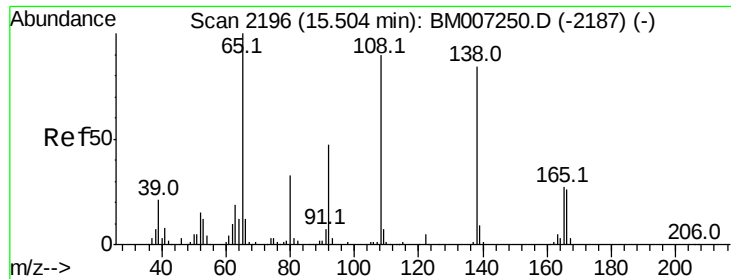
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#59
4-Chlorophenyl-phenylether
 Concen: 2.26 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.1	25.9	38.9	
141	58.4	46.1	69.1	





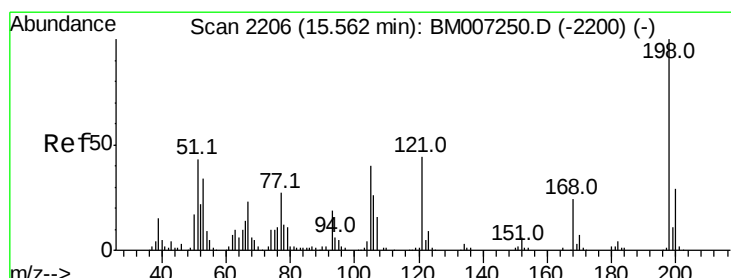
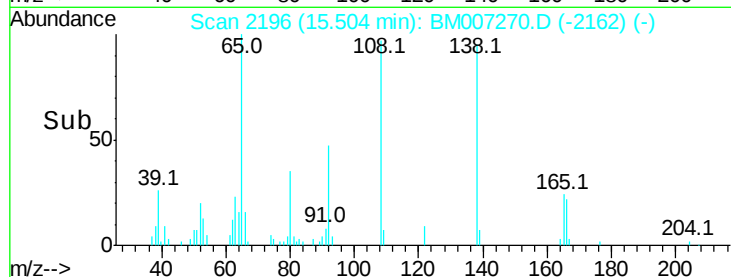
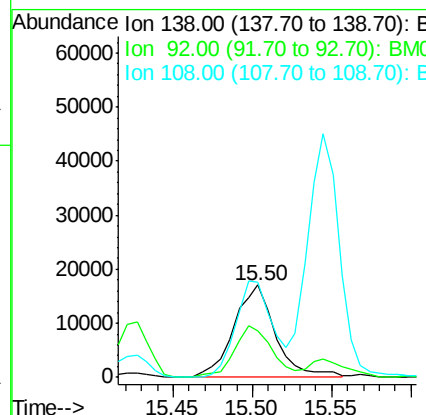
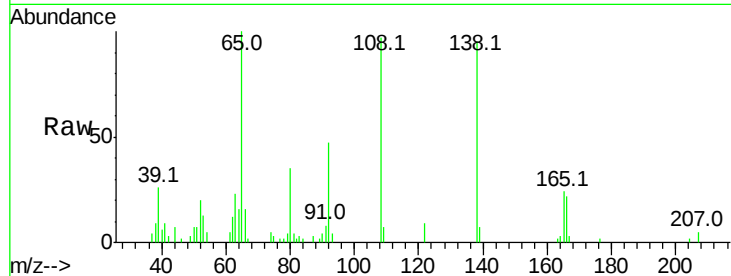
#60
4-Nitroaniline
Concen: 2.13 ng/ul
RT: 15.50 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	43.5	65.3
108	102.6	80.3	120.5

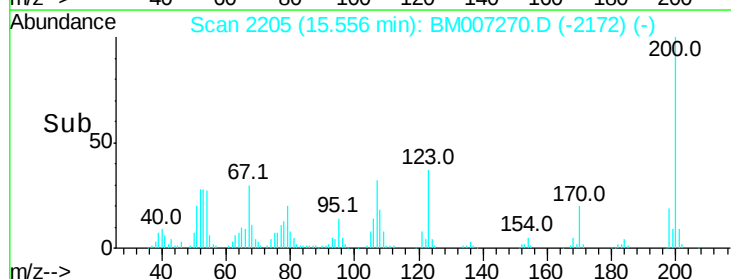
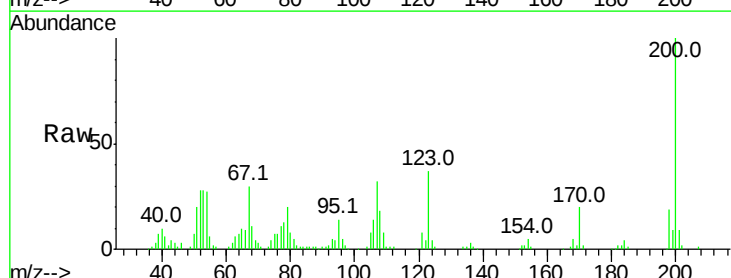
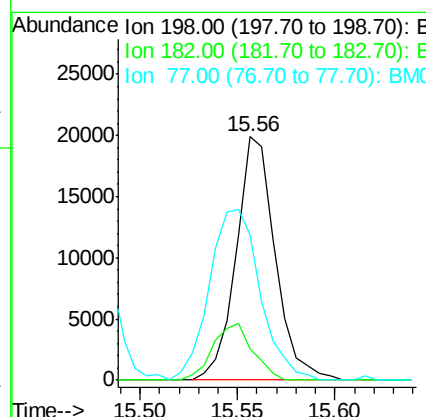
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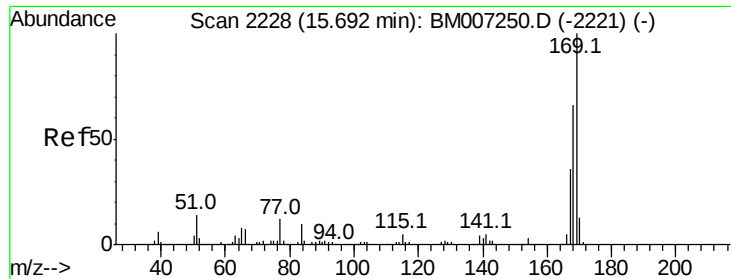
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#63
4,6-Dinitro-2-methylphenol
Concen: 2.09 ng/ul
RT: 15.56 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
198	100		
182	12.7	3.3	4.9#
77	59.8	21.8	32.6#





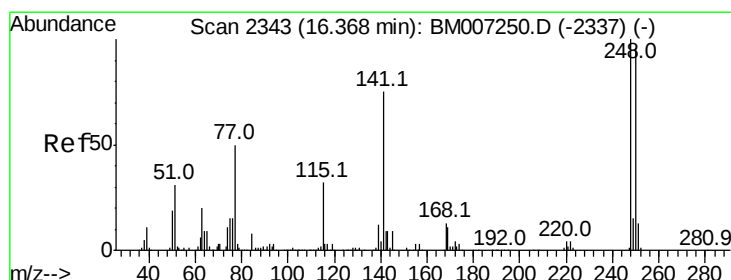
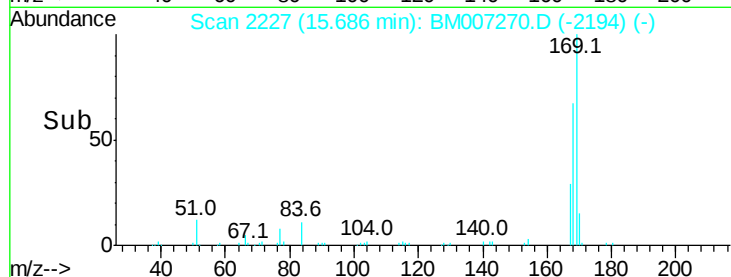
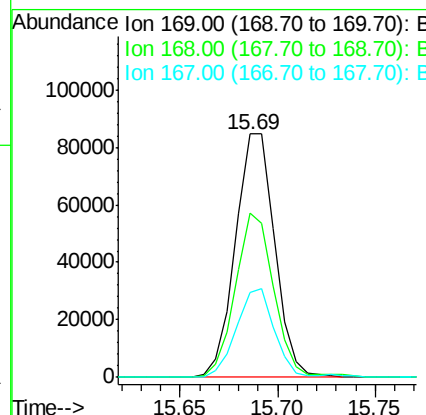
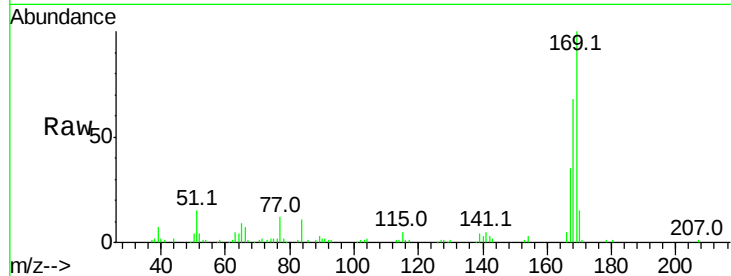
#64
N-Nitrosodiphenylamine
Concen: 2.16 ng/ul
RT: 15.69 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampled :
MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
169	100	118533		
168	67.6		52.6	79.0
167	35.1		28.6	43.0

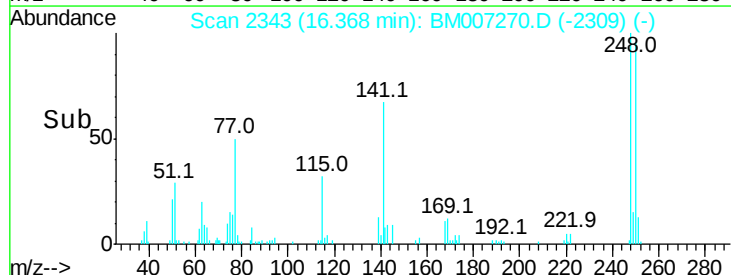
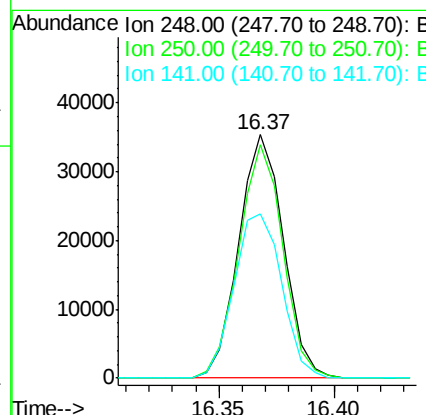
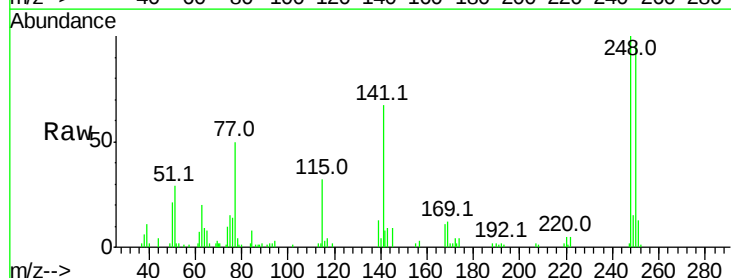
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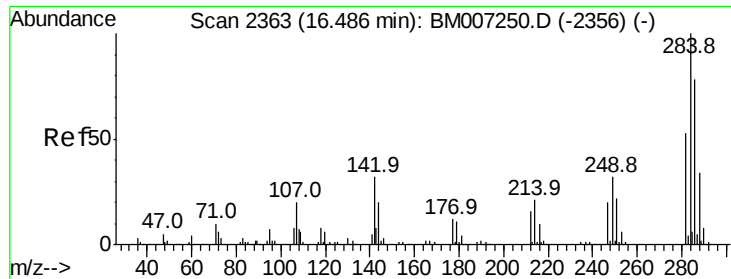
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#65
4-Bromophenyl-phenylether
Concen: 2.15 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	47789		
250	96.1		79.7	119.5
141	67.4		58.3	87.5





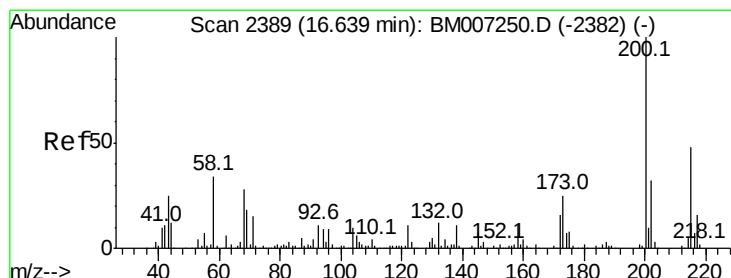
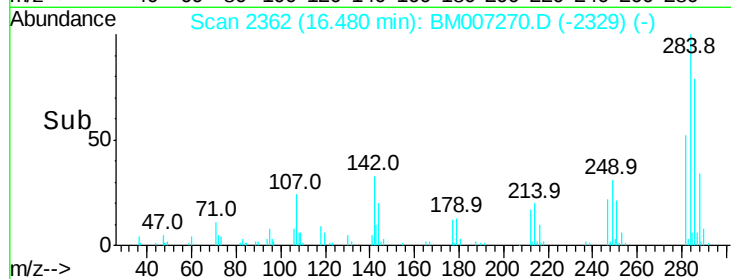
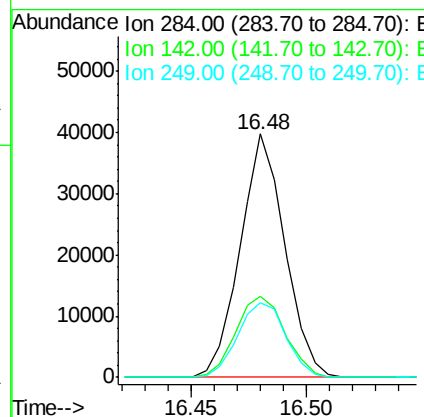
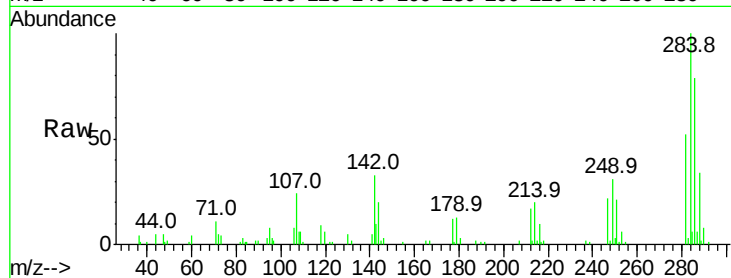
#66
Hexachlorobenzene
Concen: 2.15 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Instrument :
BNA_M
ClientSampled :
MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.1	24.9	37.3	
249	30.8	25.5	38.3	

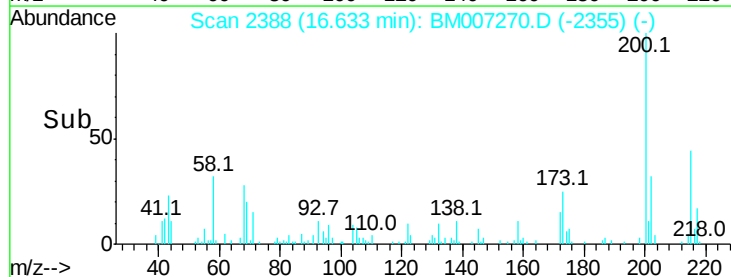
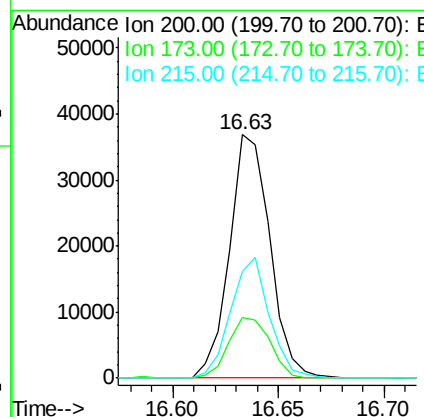
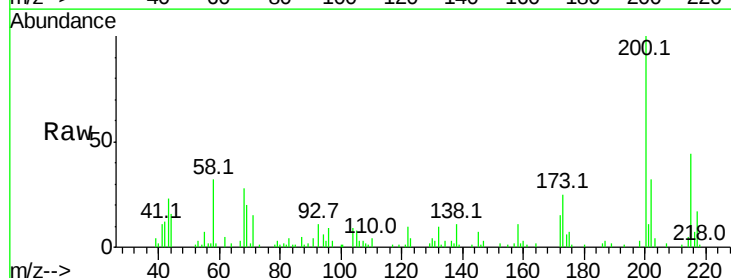
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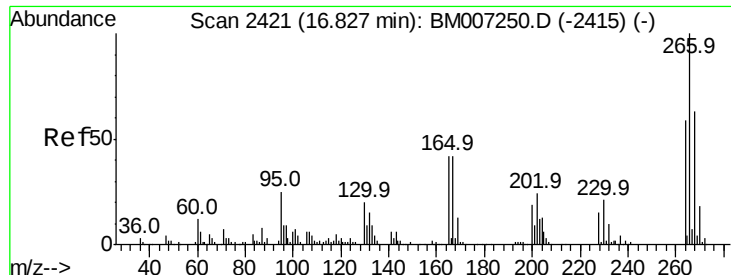
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#67
Atrazine
Concen: 2.10 ng/ul
RT: 16.63 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM007270.D
Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	18.9	28.3	
215	43.9	39.5	59.3	





#68

Pentachlorophenol

Concen: 1.61 ng/ul

RT: 16.83 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

ClientSampled :

MDL-BLK-W

Tot Ion:266 Resp: 25789

Ion Ratio Lower Upper

266 100

264 68.3 50.6 75.8

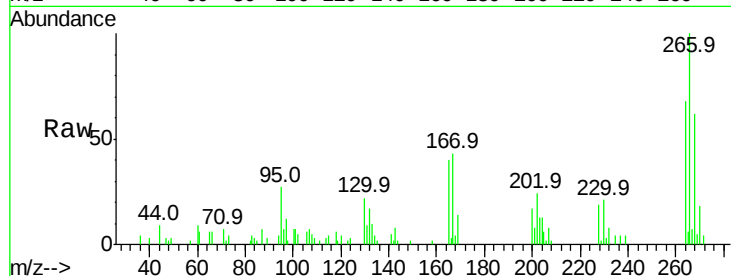
268 62.4 51.0 76.6

Manual Integrations

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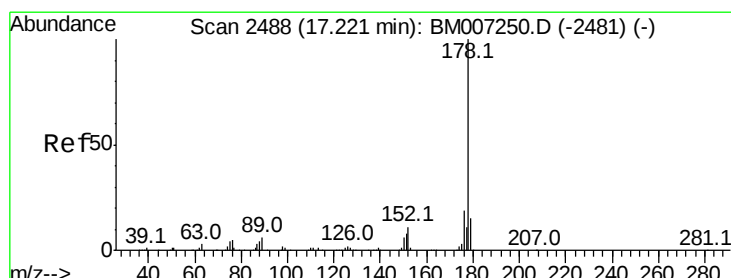
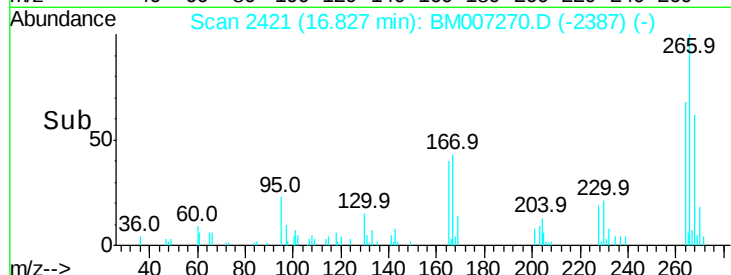
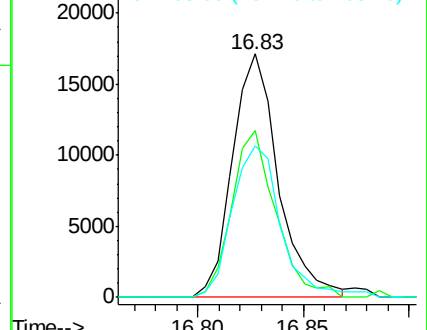
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 2.22 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

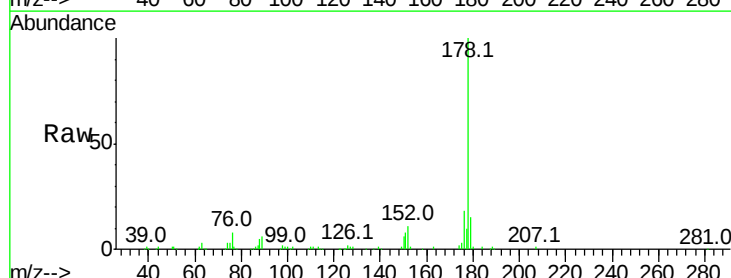
Tgt Ion:178 Resp: 234518

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

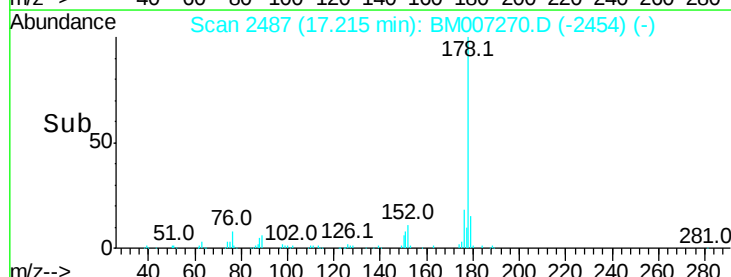
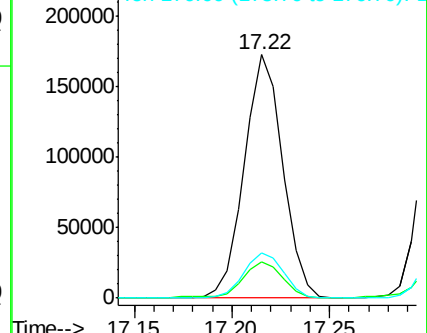
176 18.3 15.1 22.7

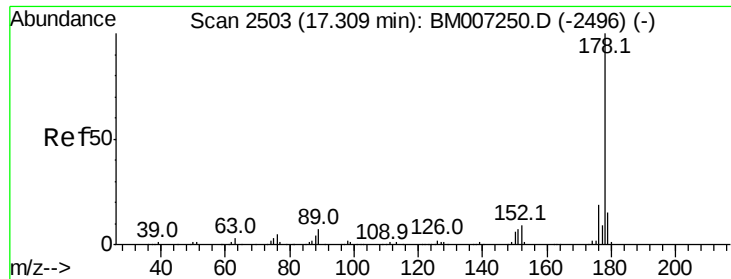


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





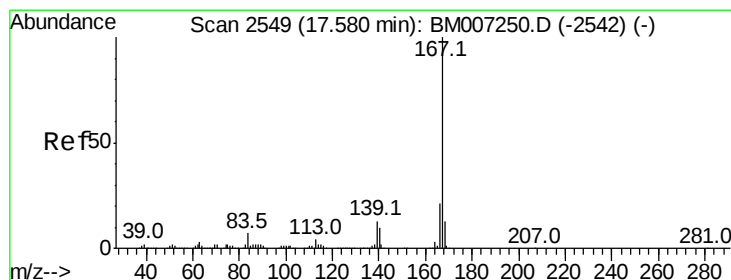
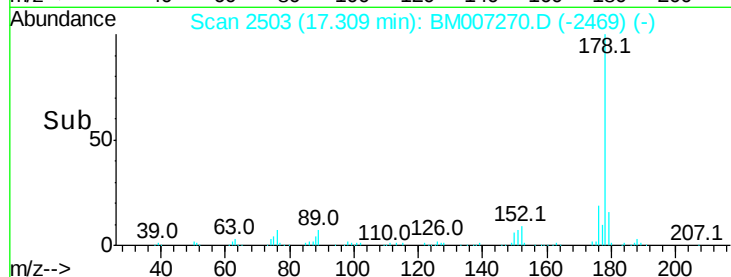
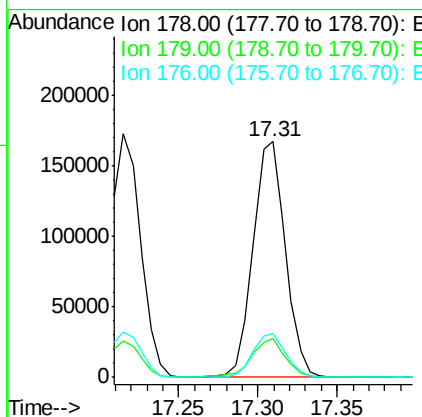
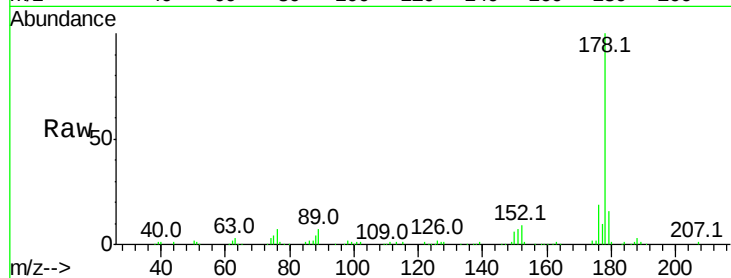
#71
 Anthracene
 Concen: 2.17 ng/ul
 RT: 17.31 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.1	18.1
176	18.6	14.5	21.7

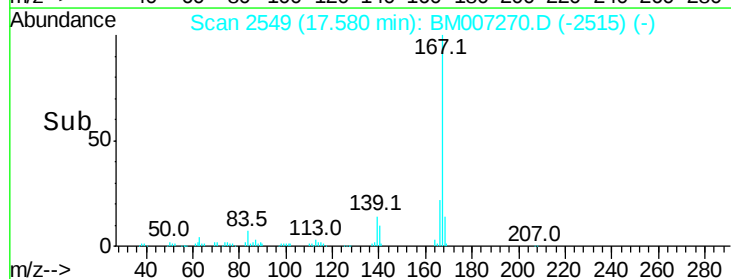
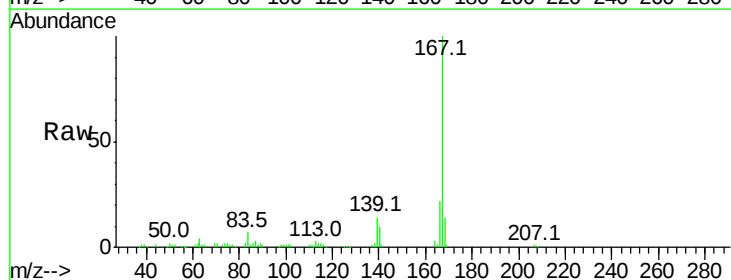
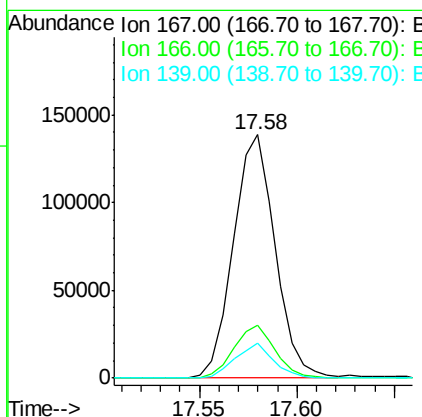
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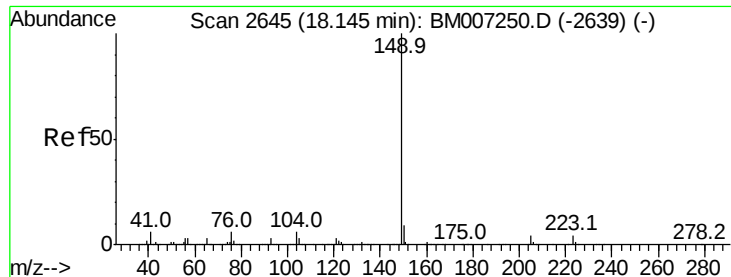
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#72
 Carbazole
 Concen: 2.17 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.6	25.0
139	14.3	10.2	15.4





#73

Di-n-butylphthalate

Concen: 2.01 ng/ul

RT: 18.14 min Scan# 2644

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

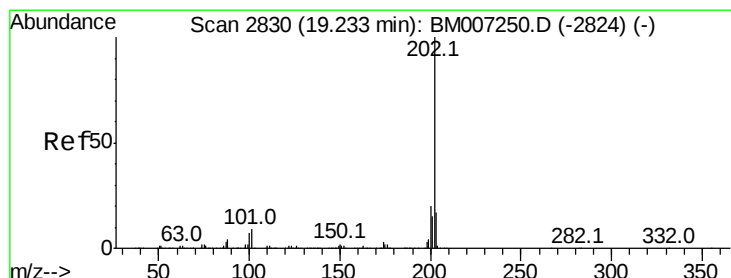
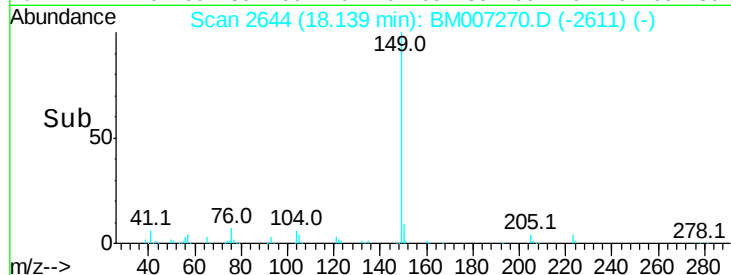
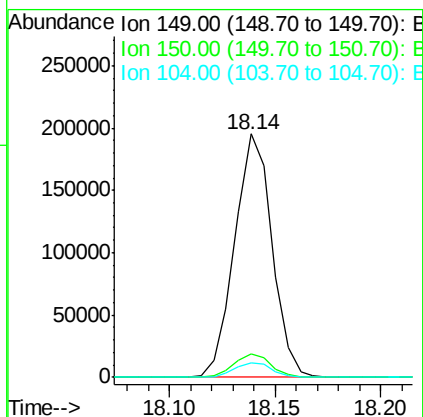
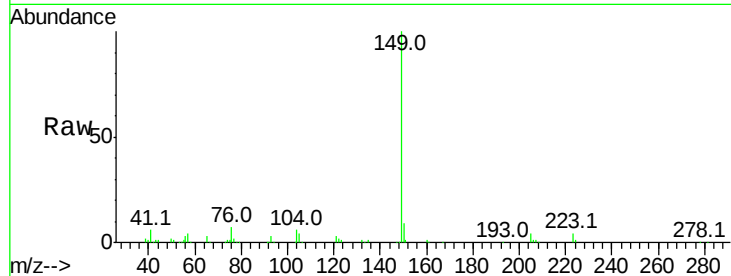
ClientSampleId :

MDL-BLK-W

Tot Ion:	149	Resp:	239770
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.9	4.6	7.0

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#74

Fluoranthene

Concen: 2.35 ng/ul

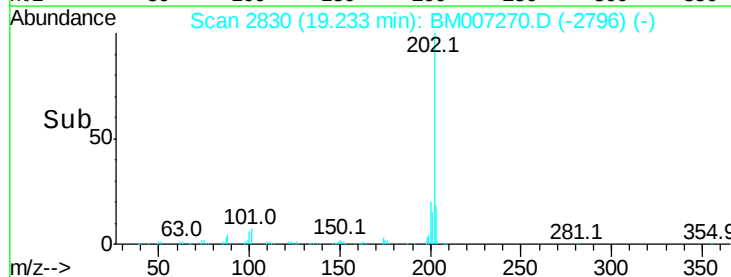
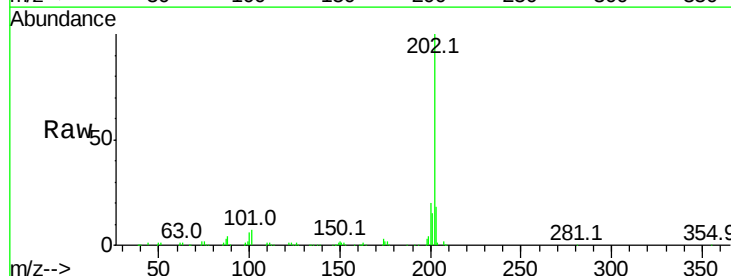
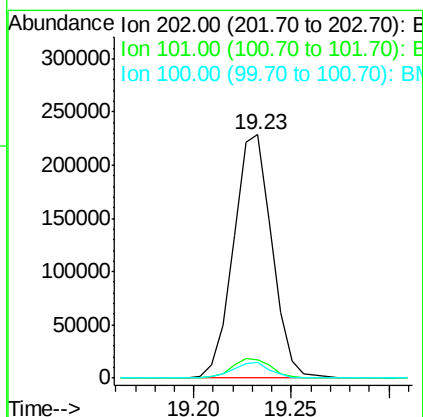
RT: 19.23 min Scan# 2830

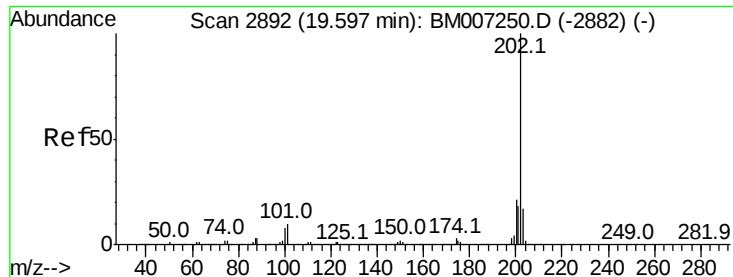
Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	202	Resp:	311556
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.9	10.3
100	6.3	5.4	8.0





#77

Pvrene

Concen: 2.17 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

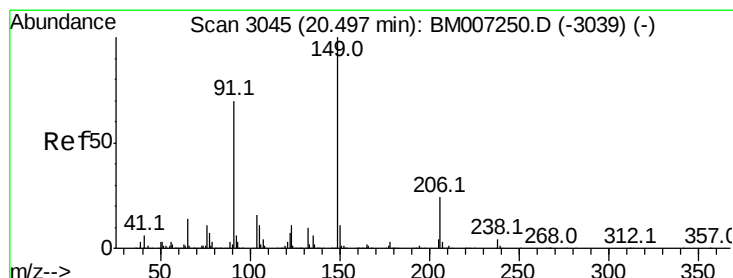
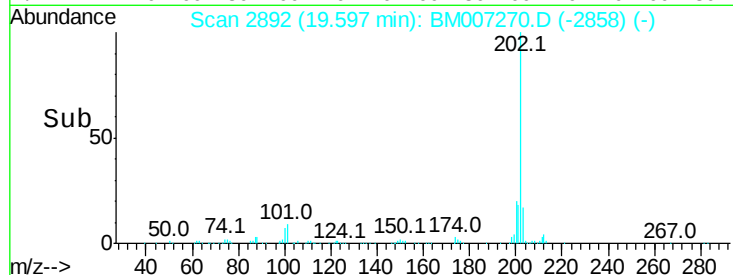
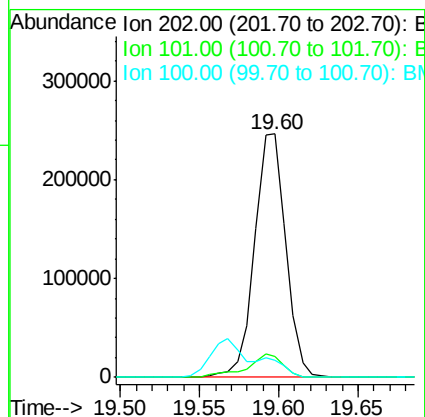
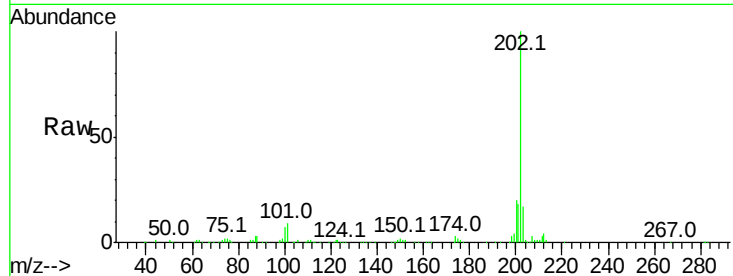
ClientSampleId :

MDL-BLK-W

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	8.4	12.6
100	7.2	6.9	10.3

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#78

Butylbenzylphthalate

Concen: 1.78 ng/ul

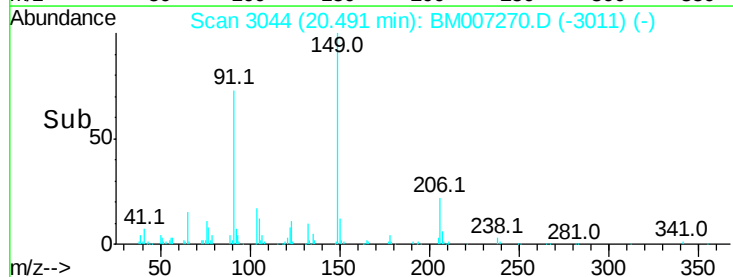
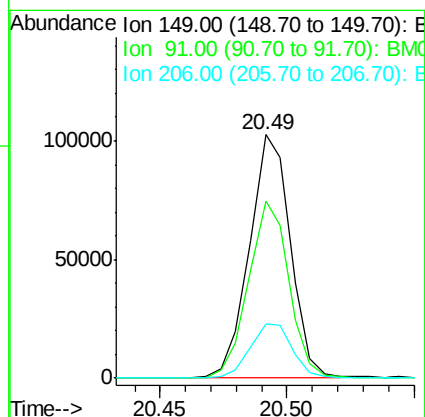
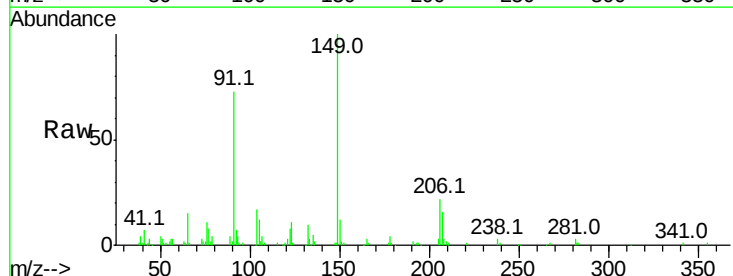
RT: 20.49 min Scan# 3044

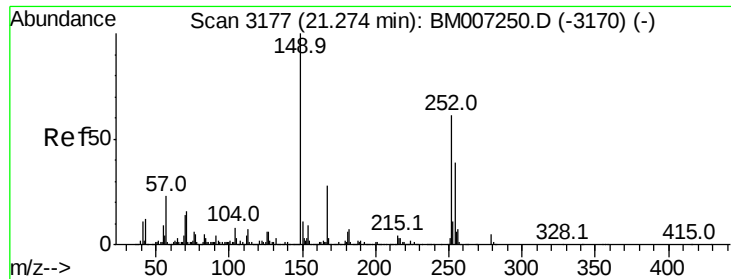
Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	72.6	57.3	85.9
206	22.3	18.6	27.8





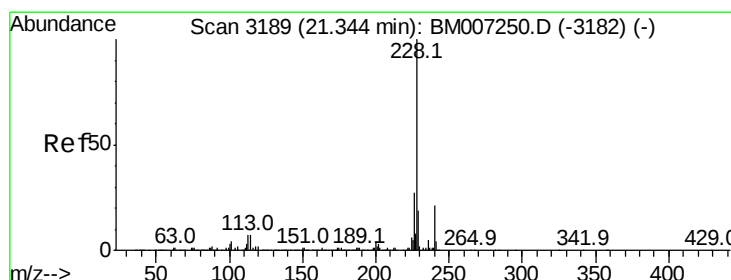
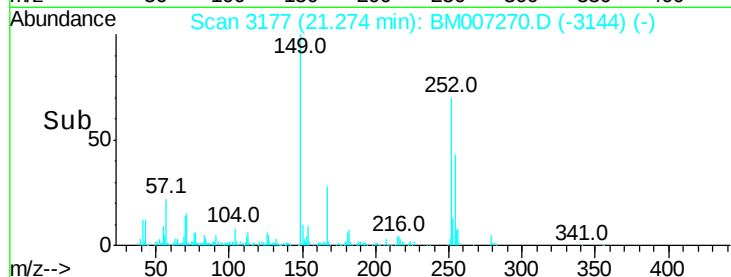
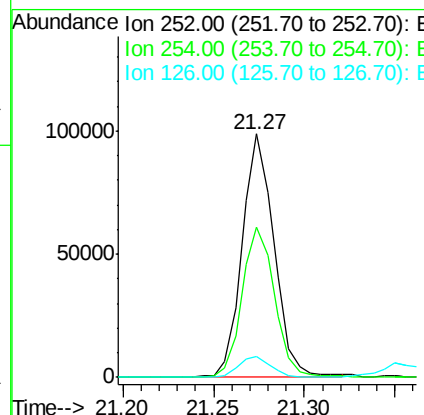
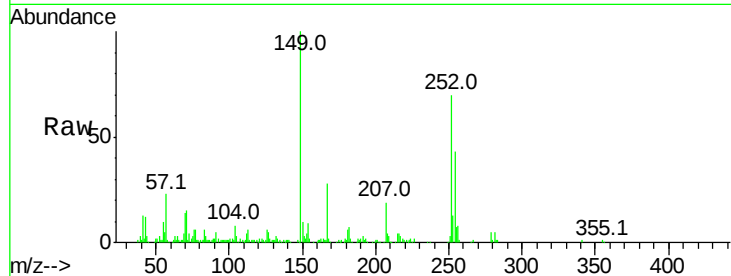
#79
 3,3'-Dichlorobenzidine
 Concen: 2.10 ng/ul
 RT: 21.27 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-W

Tot Ion	Ratio	Resp	Lower	Upper
252	100	121087		
254	61.9	51.0	76.4	
126	8.7	7.1	10.7	

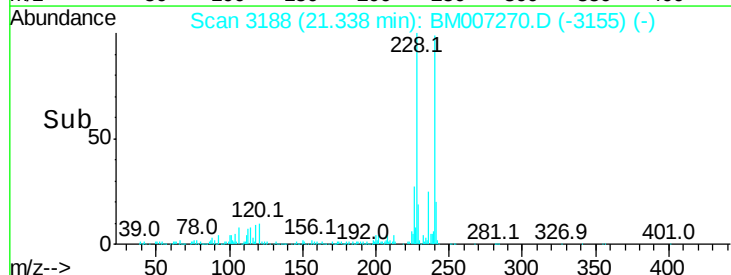
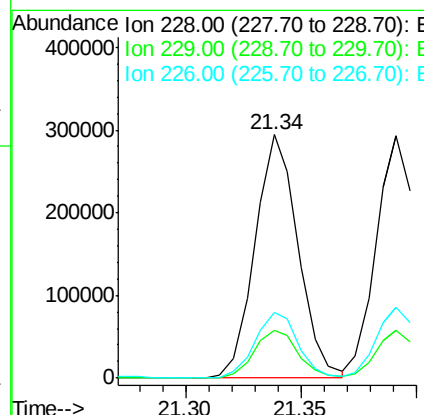
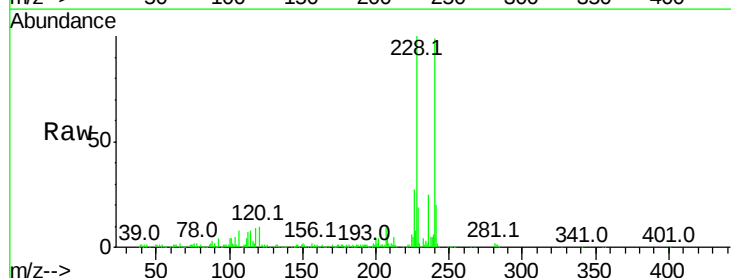
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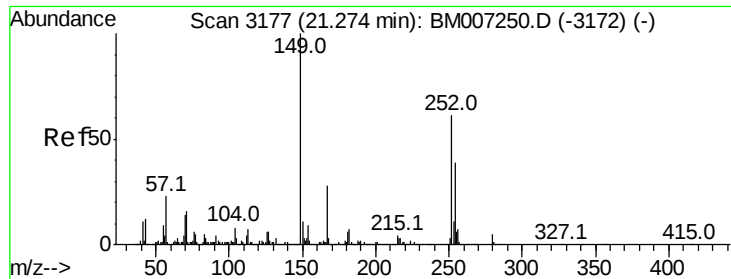
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#80
 Benzo(a)anthracene
 Concen: 2.24 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	383182		
229	19.4	15.6	23.4	
226	26.9	21.8	32.8	





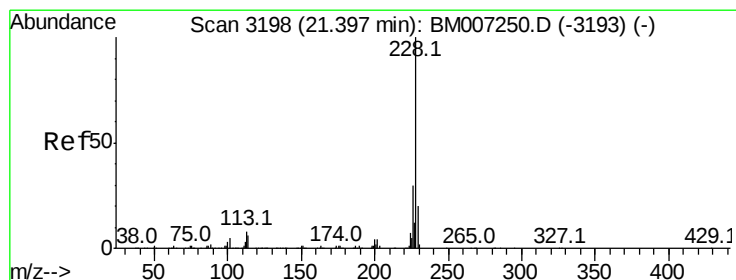
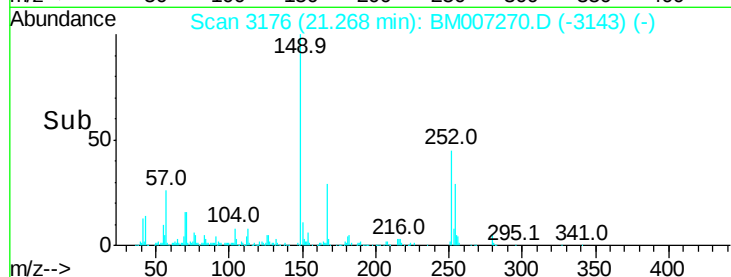
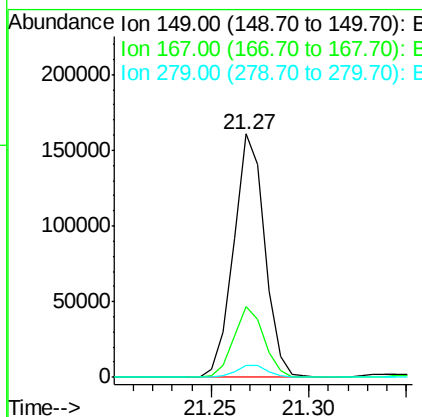
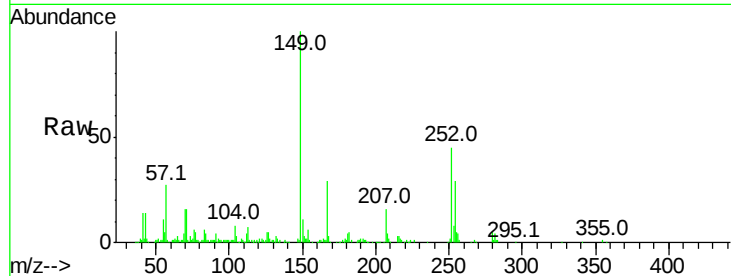
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.88 ng/ul
 RT: 21.27 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.2	34.8
279	5.0	4.1	6.1

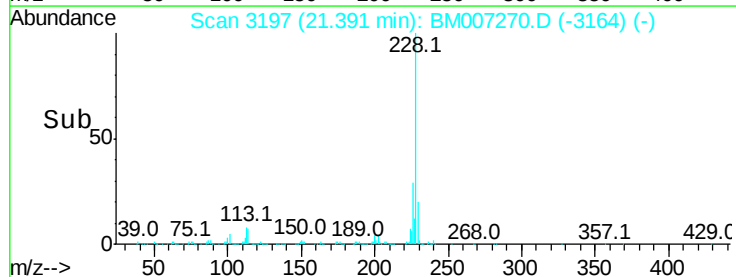
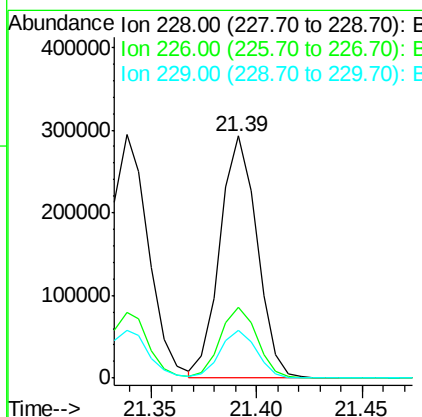
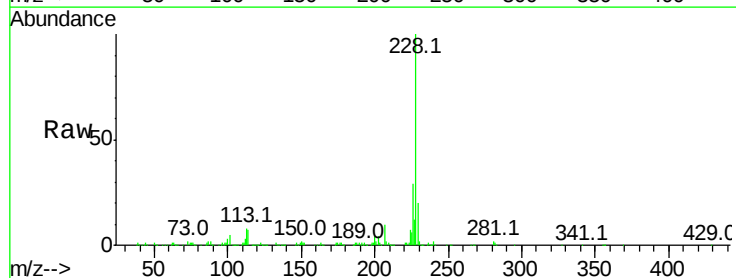
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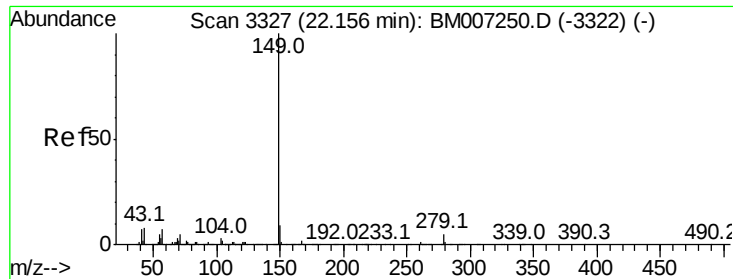
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#82
 Chrysene
 Concen: 2.28 ng/ul
 RT: 21.39 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.9	15.5	23.3





#84

Di-n-octyl phthalate

Concen: 1.94 ng/ul

RT: 22.16 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

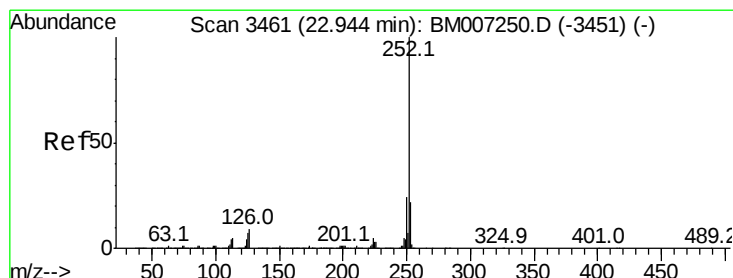
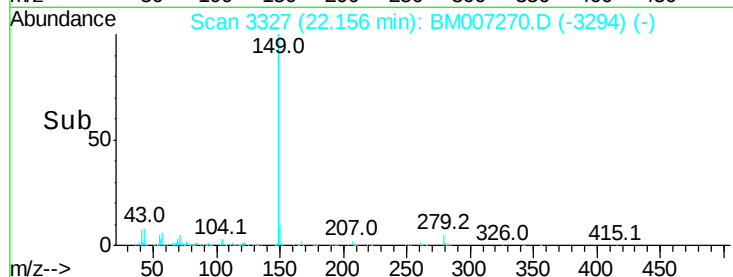
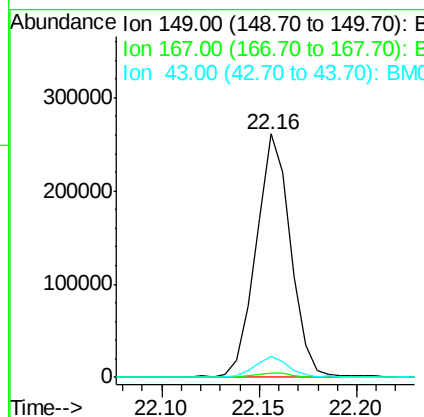
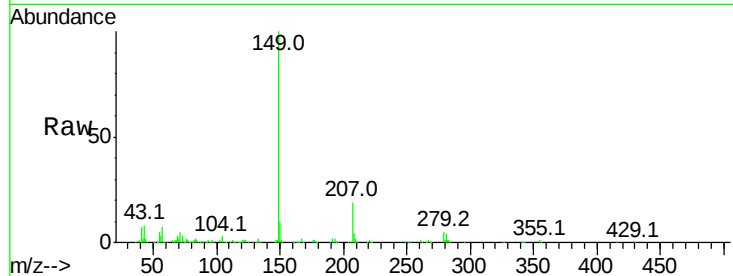
ClientSampleId :

MDL-BLK-W

Tot Ion:	149	Resp:	317324
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.5	6.6	10.0

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#85

Benzo(b)fluoranthene

Concen: 2.15 ng/ul

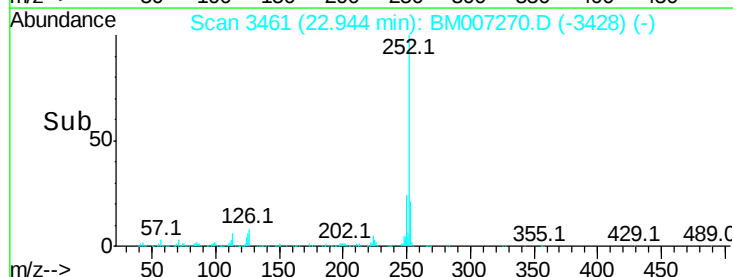
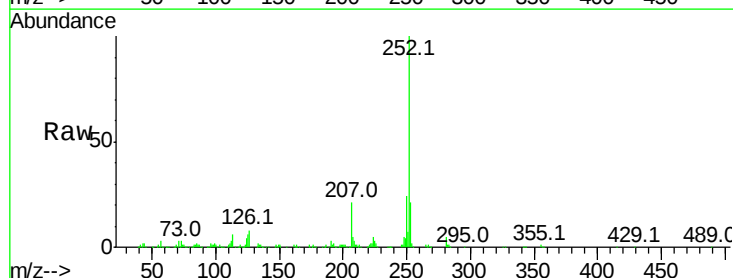
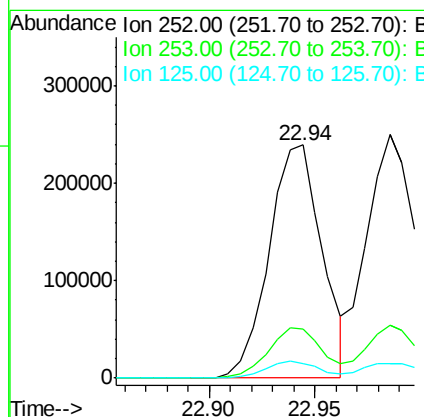
RT: 22.94 min Scan# 3461

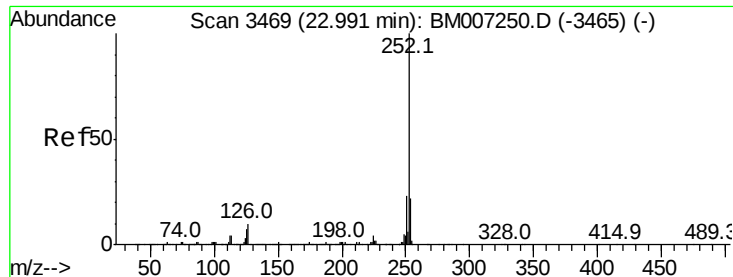
Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	252	Resp:	417585
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	6.2	5.8	8.8





#86

Benzo(k)fluoranthene

Concen: 2.29 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Instrument :

BNA_M

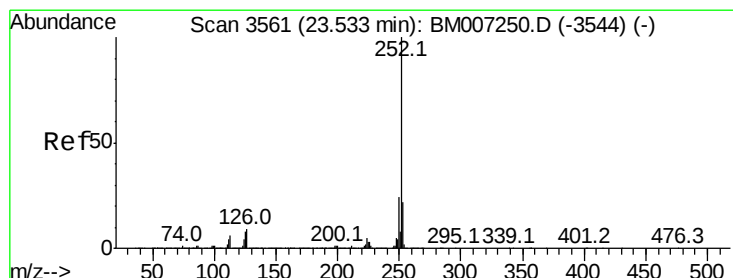
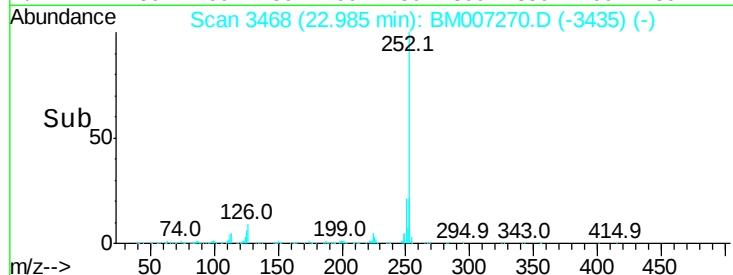
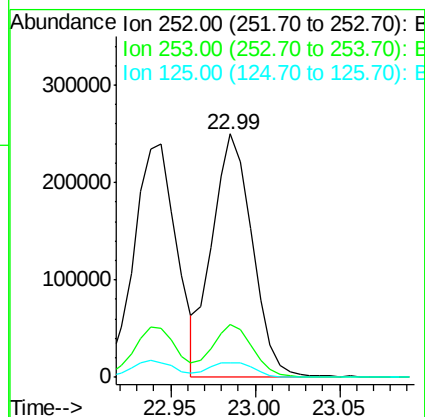
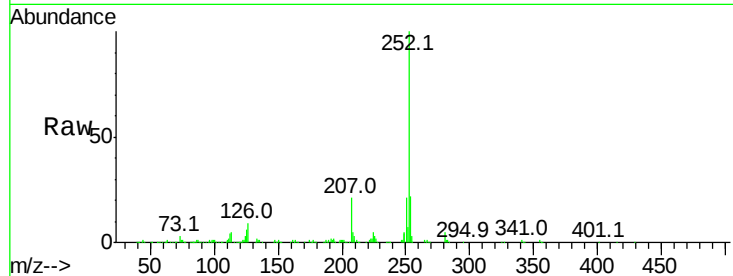
ClientSampleId :

MDL-BLK-W

Tot Ion:	252	Resp:	411543
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	5.9	5.7	8.5

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#88

Benzo(a)pyrene

Concen: 2.24 ng/ul

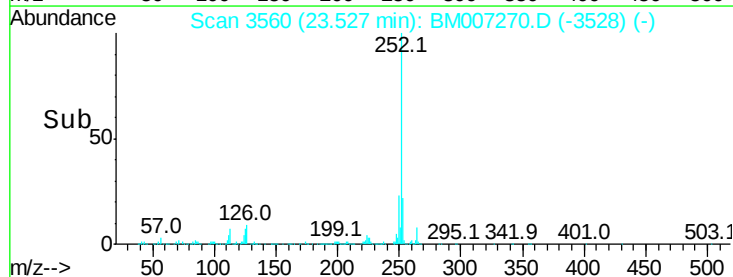
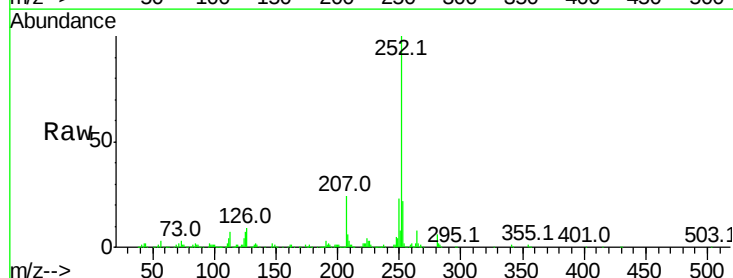
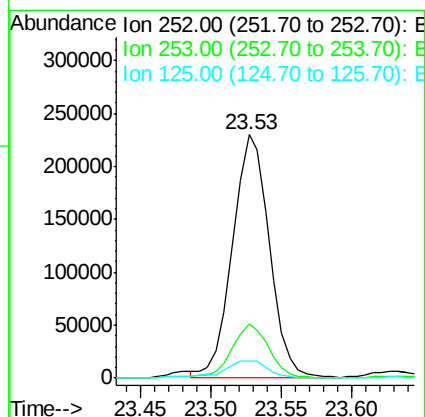
RT: 23.53 min Scan# 3560

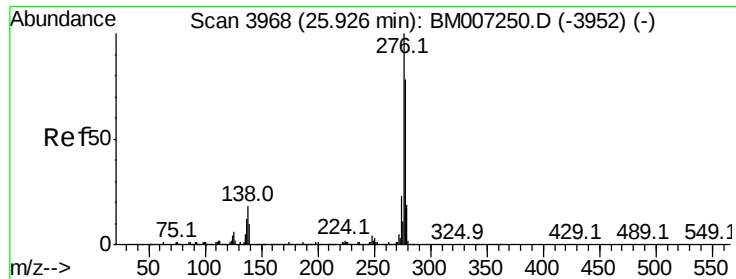
Delta R.T. -0.01 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tgt Ion:	252	Resp:	415453
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	7.2	6.6	9.8





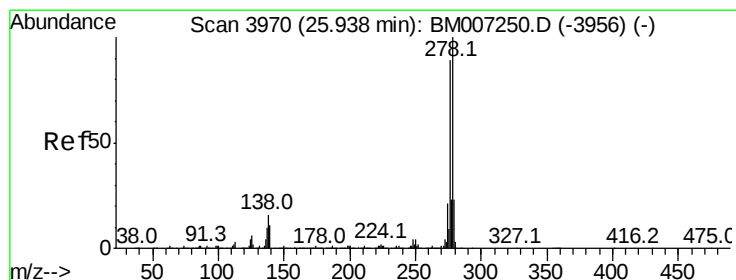
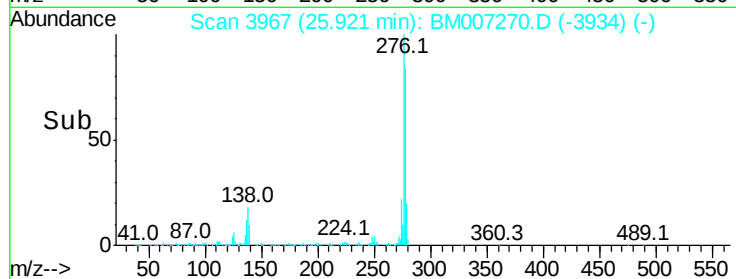
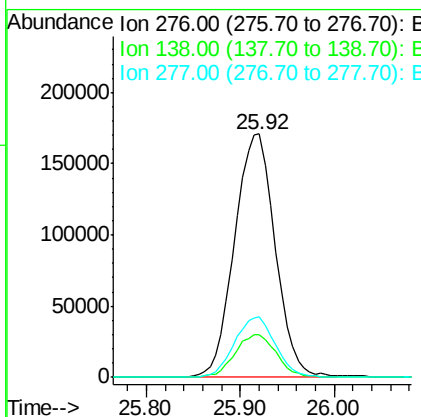
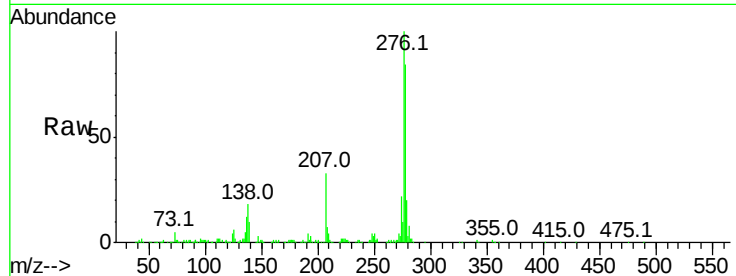
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.25 ng/ul
 RT: 25.92 min Scan# 3967
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Tot Ion:	276	Resp:	512447
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.9	20.9
277	24.8	20.1	30.1

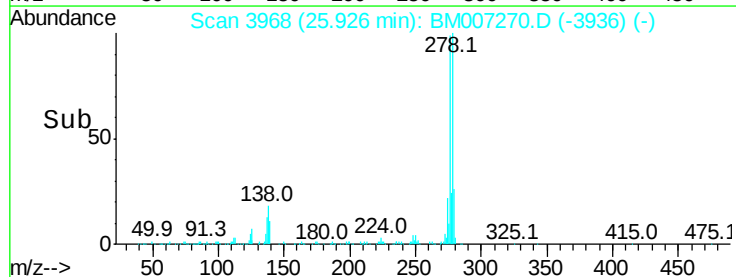
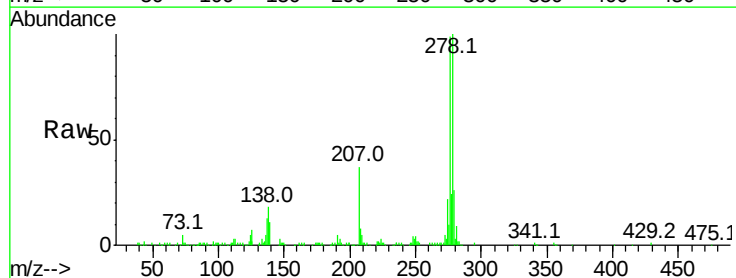
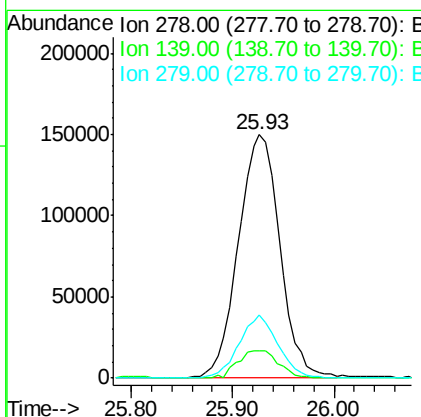
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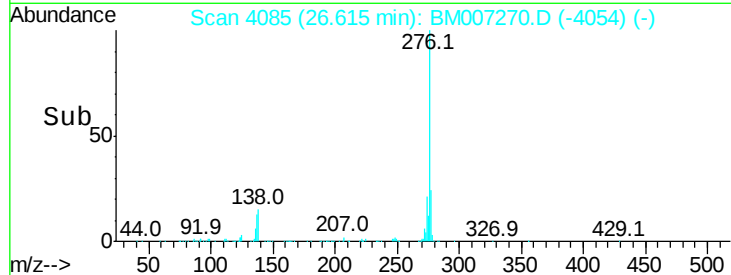
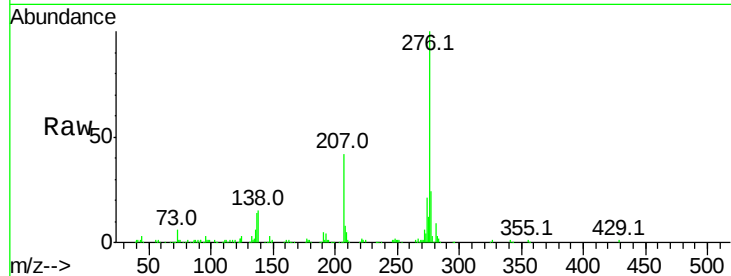
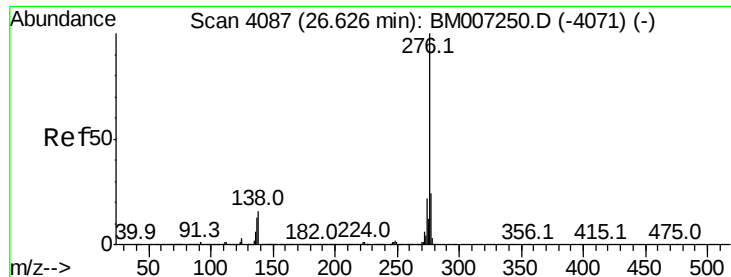
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.26 ng/ul
 RT: 25.93 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: BM007270.D
 Acq: 24 Aug 2016 01:56

Tgt Ion:	278	Resp:	427701
Ion Ratio	Lower	Upper	
278	100		
139	11.0	9.5	14.3
279	25.8	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 2.23 ng/ul

RT: 26.61 min Scan# 4085

Delta R.T. -0.02 min

Lab File: BM007270.D

Acq: 24 Aug 2016 01:56

Tot Ion:	276	Resp:	431266
Ion Ratio	Lower	Upper	
276	100		
138	14.5	13.5	20.3
277	24.2	19.3	28.9

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Manual Integrations
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