

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010993.D
 Acq On : 27 Jul 2017 04:35
 Operator : SJ/JU
 Sample : I4391-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:21:45 PM

Quant Time: Jul 27 10:14:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	184408	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	817332	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	573982	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1507297	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1244410	20.00	ng	0.00
86) Perylene-d12	23.14	264	75074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1284190	117.72	ng	0.00
7) Phenol-d6	6.59	99	1612801	104.05	ng	0.00
23) Nitrobenzene-d5	8.54	82	1608184	73.85	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1281269	139.27	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3841168	83.93	ng	0.00
78) Terphenyl-d14	19.47	244	6163703	98.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	134236	27.406	ng	# 100
3) Pyridine	3.43	79	279868	20.919	ng	90
4) n-Nitrosodimethylamine	3.33	42	259614	38.078	ng	# 64
6) Aniline	6.75	93	154000	7.883	ng	# 87
8) 2-Chlorophenol	6.96	128	414017	37.382	ng	84
9) Benzaldehyde	6.55	77	193987	19.343	ng	# 72
10) Phenol	6.62	94	550276	32.687	ng	96
11) bis(2-Chloroethyl)ether	6.84	93	457574	34.883	ng	90
12) 1,3-Dichlorobenzene	7.28	146	426413	31.591	ng	# 79
13) 1,4-Dichlorobenzene	7.43	146	447420	32.338	ng	# 91
14) 1,2-Dichlorobenzene	7.73	146	441276	33.358	ng	# 88
15) Benzyl Alcohol	7.64	79	151982	10.221	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.93	45	439892	37.267	ng	78
17) 2-Methylphenol	7.85	107	389070	36.161	ng	# 77
18) Hexachloroethane	8.45	117	203861	33.787	ng	# 80
19) n-Nitroso-di-n-propylamine	8.20	70	531753	40.372	ng	# 92
20) 3+4-Methylphenols	8.17	107	533128	35.645	ng	# 82
22) Acetophenone	8.21	105	824948	33.671	ng	# 92
24) Nitrobenzene	8.58	77	792987	35.140	ng	# 85
25) Isophorone	9.10	82	1337051	36.824	ng	# 87
26) 2-Nitrophenol	9.28	139	252071	35.106	ng	# 17
27) 2,4-Dimethylphenol	9.36	122	435459	34.450	ng	# 76
28) bis(2-Chloroethoxy)methane	9.59	93	333739	16.480	ng	95
29) 2,4-Dichlorophenol	9.81	162	551150	38.803	ng	91
30) 1,2,4-Trichlorobenzene	10.02	180	619253	35.261	ng	99
31) Naphthalene	10.20	128	1514887	36.843	ng	99
32) Benzoic acid	9.51	122	332112	32.688	ng	# 65
33) 4-Chloroaniline	10.35	127	61991	3.779	ng	# 75
34) Hexachlorobutadiene	10.49	225	487053	35.211	ng	97
35) Caprolactam	11.16	113	97442m	24.191	ng	
36) 4-Chloro-3-methylphenol	11.46	107	679286	37.038	ng	# 75
37) 2-Methylnaphthalene	11.83	142	1262850	41.809	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	919795	37.299	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	1407324	97.940	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	584101	39.133	nq	95
43) 2,4,5-Trichlorophenol	12.53	196	643365	41.851	nq #	84
45) 1,1'-Biphenyl	12.87	154	1829475	36.861	nq	96
46) 2-Chloronaphthalene	12.90	162	1427643	39.041	nq #	94
47) 2-Nitroaniline	13.13	65	276686	21.388	nq #	71
48) Acenaphthylene	13.76	152	1502223	27.527	nq	100
49) Dimethylphthalate	13.53	163	1981721	40.360	nq #	98
50) 2,6-Dinitrotoluene	13.64	165	418283	42.126	nq #	57
51) Acenaphthene	14.12	154	1283034	37.970	nq	100
52) 3-Nitroaniline	13.97	138	156747	18.192	nq #	34
53) 2,4-Dinitrophenol	14.18	184	612297	86.768	nq #	90
54) Dibenzofuran	14.46	168	2468863	45.092	nq #	90
55) 4-Nitrophenol	14.29	139	522943	69.079	nq	88
56) 2,4-Dinitrotoluene	14.43	165	602701	43.237	nq	94
57) Fluorene	15.11	166	2041547	42.827	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.69	232	691295	47.976	nq #	100
59) Diethylphthalate	14.91	149	2171625	43.306	nq	98
60) 4-Chlorophenyl-phenylether	15.11	204	1258620	43.731	nq	97
61) 4-Nitroaniline	15.14	138	139801	15.275	nq #	1
62) Azobenzene	15.40	77	2312742	43.093	nq	88
64) 4,6-Dinitro-2-methylphenol	15.20	198	402122	39.408	nq	92
65) n-Nitrosodiphenylamine	15.33	169	267851	6.209	nq	97
66) 4-Bromophenyl-phenylether	16.01	248	852482	43.995	nq #	91
67) Hexachlorobenzene	16.12	284	877866	40.093	nq #	88
69) Pentachlorophenol	16.46	266	1099000	79.058	nq	97
70) Phenanthrene	16.85	178	3361748	42.594	nq	99
71) Anthracene	16.94	178	3233020	41.073	nq	99
72) Carbazole	17.22	167	246128	3.575	nq	99
73) Di-n-butylphthalate	17.80	149	3455013	41.215	nq #	97
74) Fluoranthene	18.88	202	3707876	37.910	nq	99
77) Pyrene	19.24	202	2947060	39.857	nq	98
79) Butylbenzylphthalate	20.18	149	1055581	40.146	nq #	67
80) Benzo(a)anthracene	21.01	228	2965989	41.742	nq	99
82) Chrysene	21.06	228	2855532	41.866	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1805289	46.672	nq #	99
84) Di-n-octyl phthalate	21.82	149	2628067	41.862	nq	99
85) Indeno(1,2,3-cd)pyrene	25.21	276	1524418	21.581	nq	95
87) Benzo(b)fluoranthene	22.52	252	2582424	535.955	nq #	92
88) Benzo(k)fluoranthene	22.56	252	2056116	445.223	nq #	94
89) Benzo(a)pyrene	23.04	252	1481857	339.878	nq #	94
90) Dibenzo(a,h)anthracene	25.23	278	2038357	504.314	nq #	89
91) Benzo(g,h,i)perylene	25.84	276	1302467	328.169	nq #	84

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

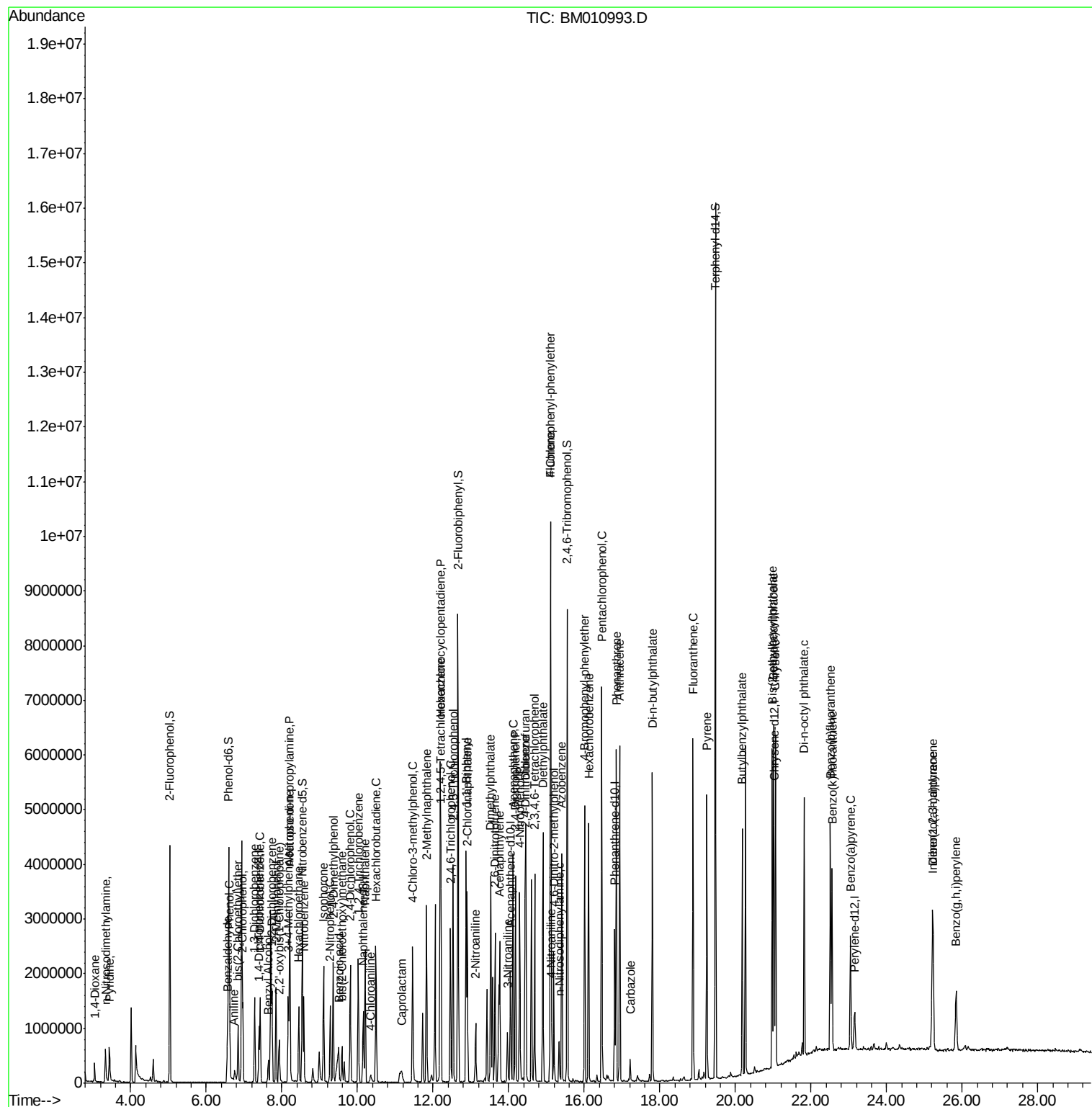
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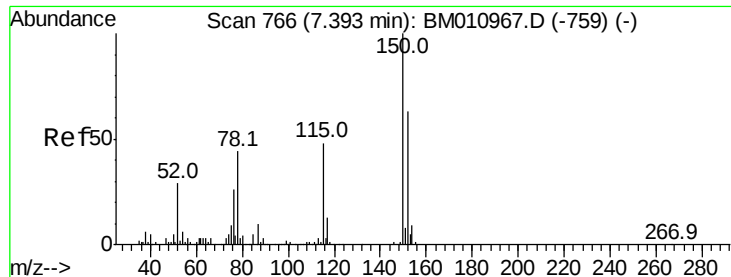
Instrument :
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#1

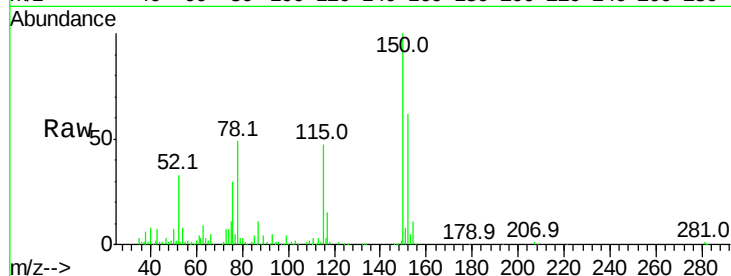
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	76.0	43.0	64.4

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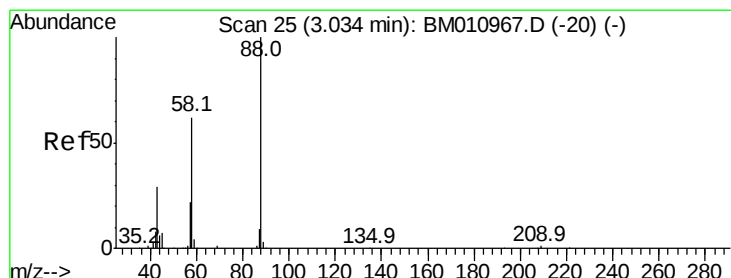
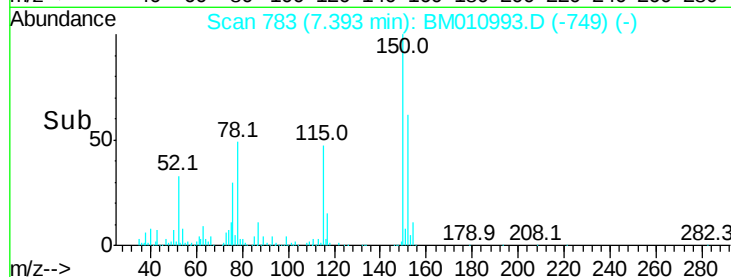
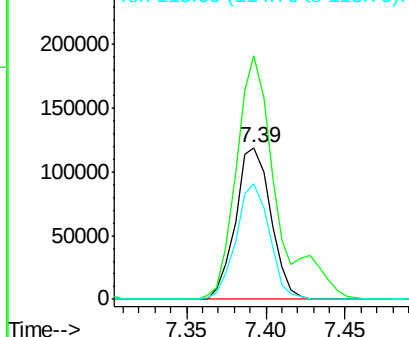


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

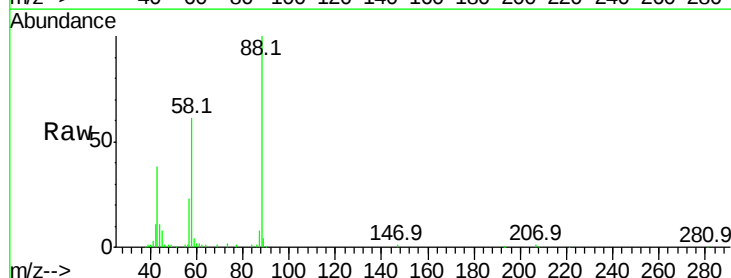
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.406 ng
RT: 3.05 min Scan# 44
Delta R.T. 0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	0.0	0.0
43	39.1	0.0	0.0

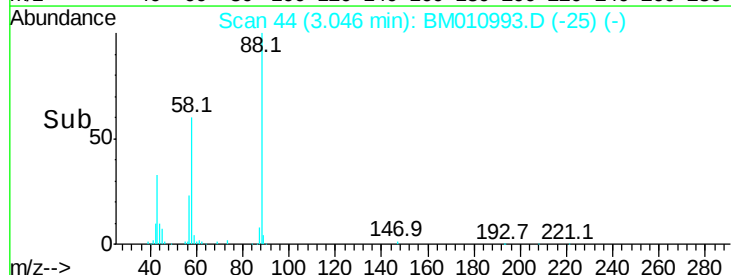
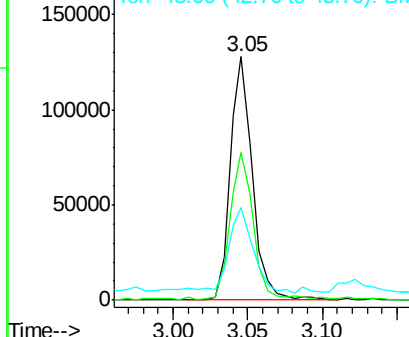


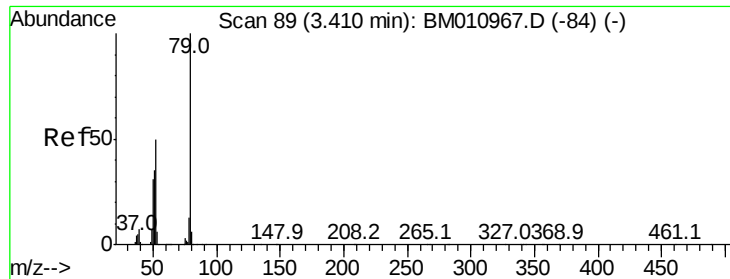
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





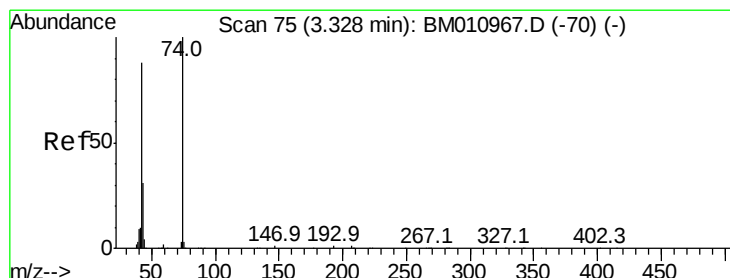
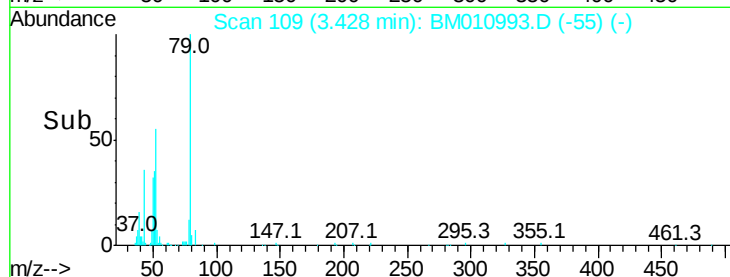
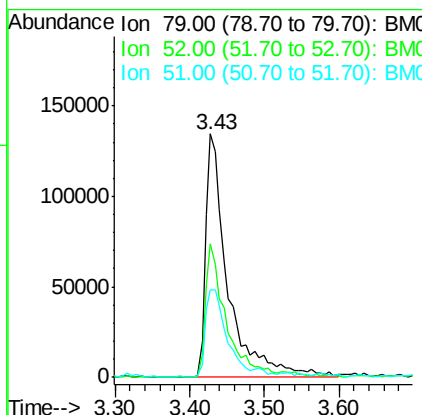
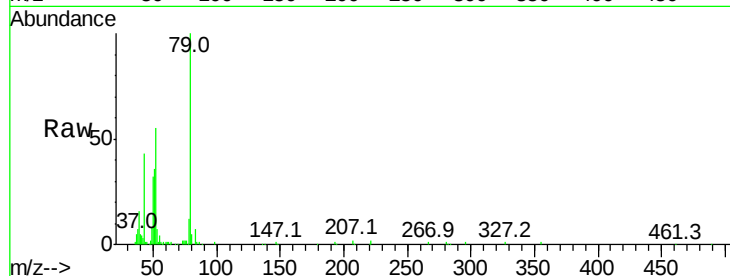
#3
 Pvridine
 Concen: 20.919 ng
 RT: 3.43 min Scan# 109
 Delta R.T. 0.02 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.7	51.1	76.7
51	35.8	26.1	39.1

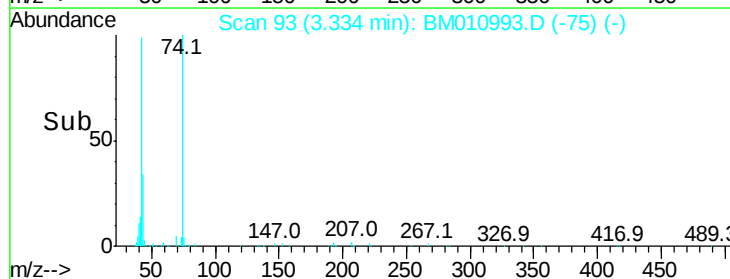
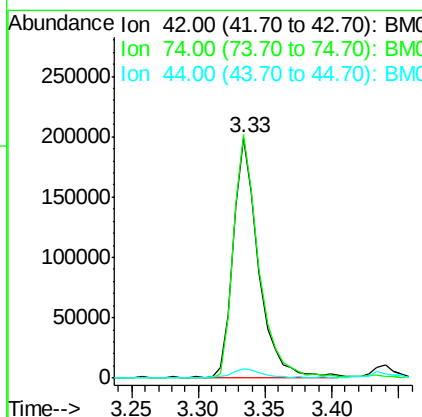
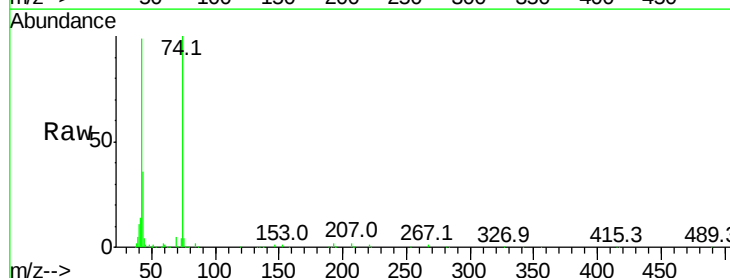
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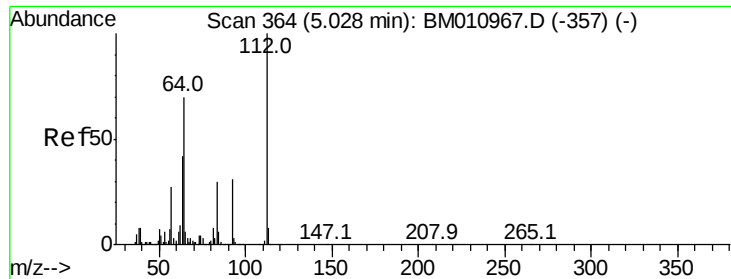
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#4
 n-Nitrosodimethylamine
 Concen: 38.078 ng
 RT: 3.33 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.5	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 117.720 ng

RT: 5.03 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion:112 Resp: 1284190

Ion Ratio Lower Upper

112 100

64 67.2 38.6 57.8#

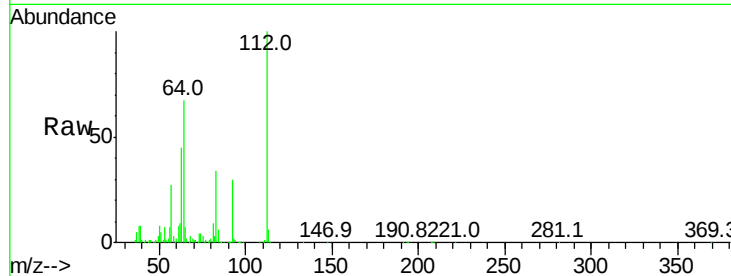
63 45.2 19.3 28.9#

Manual Integrations

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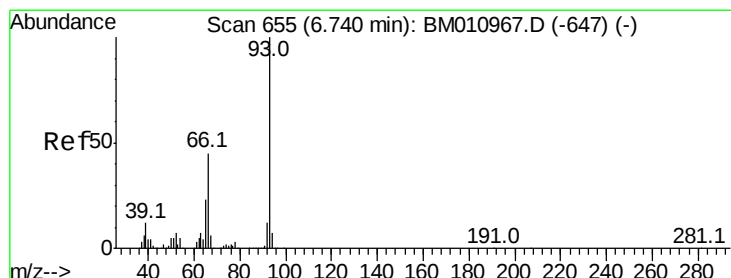
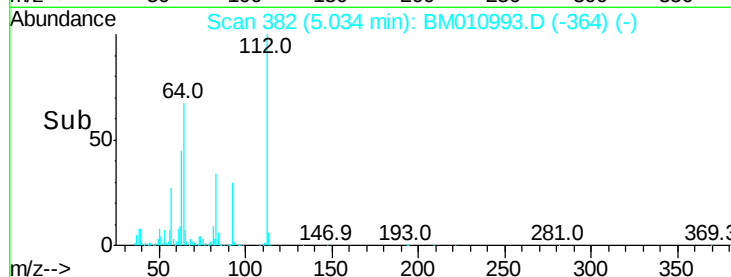
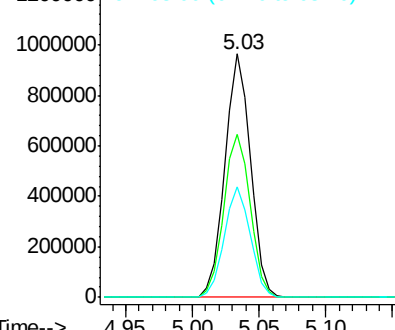
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 7.883 ng

RT: 6.75 min Scan# 674

Delta R.T. 0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

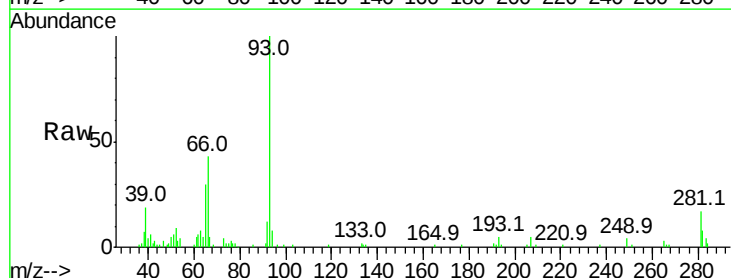
Tgt Ion: 93 Resp: 154000

Ion Ratio Lower Upper

93 100

66 43.3 30.8 46.2

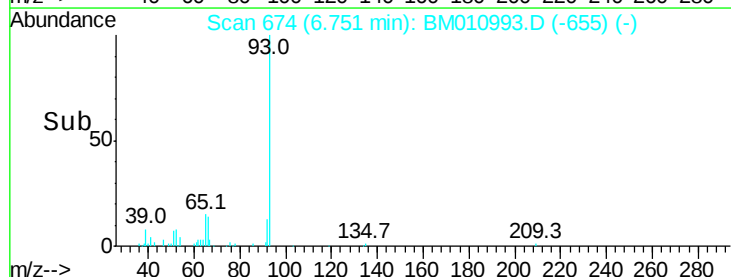
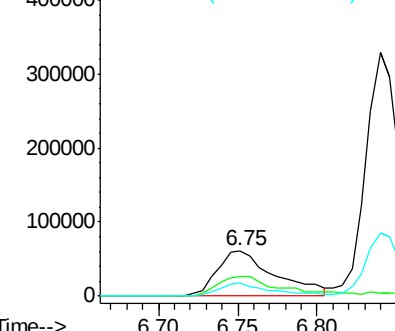
65 30.1 16.0 24.0#

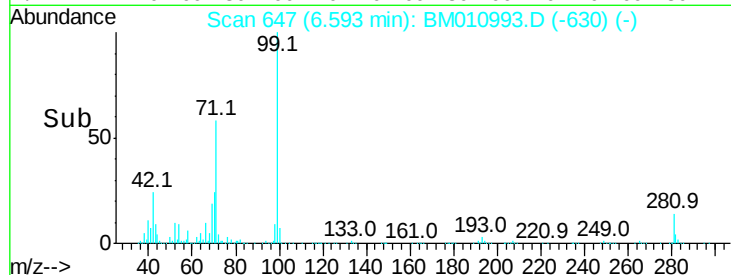
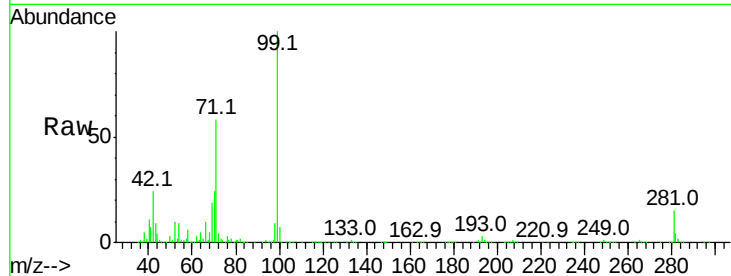
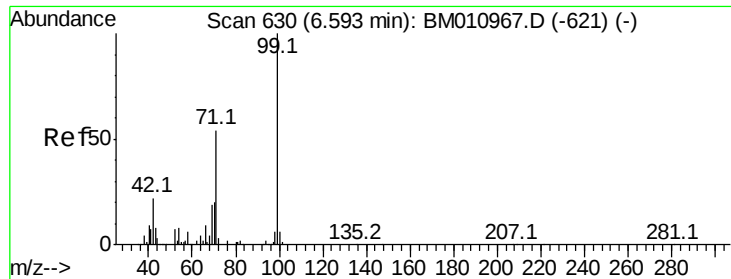


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.055 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tot Ion	99	Resp	1612801
Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.0	16.4#
71	58.1	23.4	35.2#

Instrument :

BNA_M

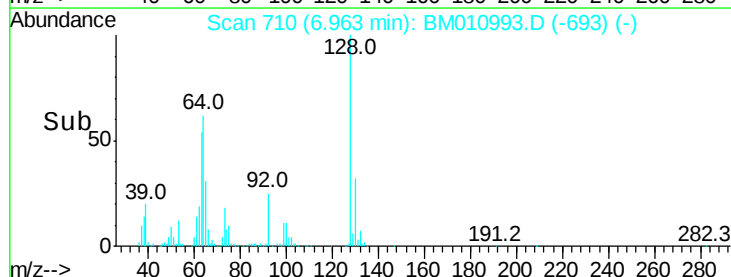
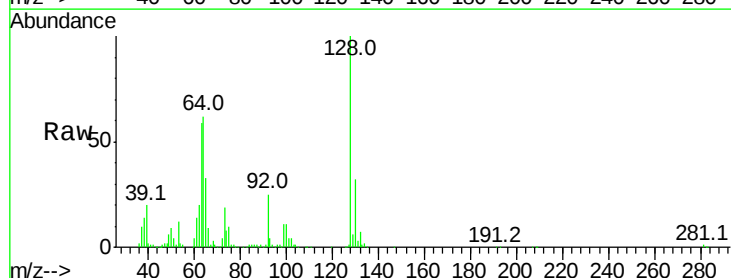
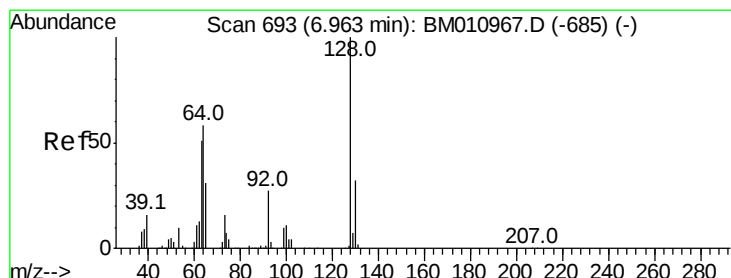
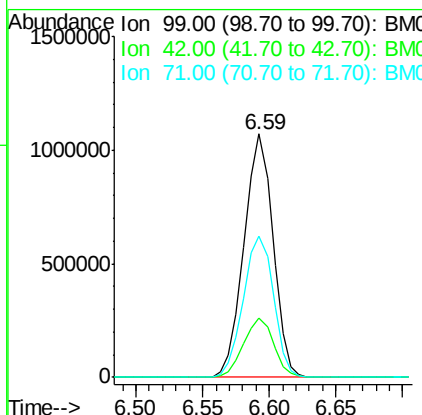
ClientSampleId :

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#8

2-Chlorophenol

Concen: 37.382 ng

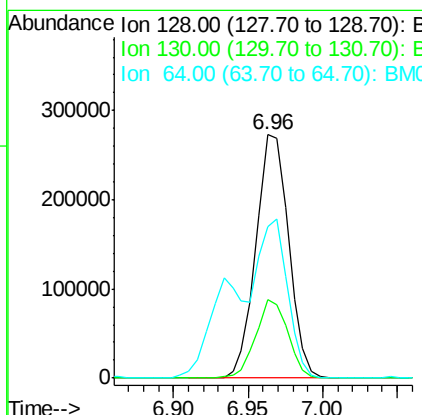
RT: 6.96 min Scan# 710

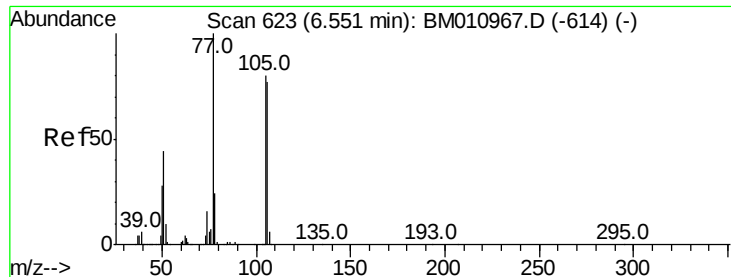
Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	128	Resp	414017
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	62.3	24.9	64.9





#9

Benzaldehyde

Concen: 19.343 ng

RT: 6.55 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion: 77 Resp: 193987
Ion Ratio Lower Upper

77 100

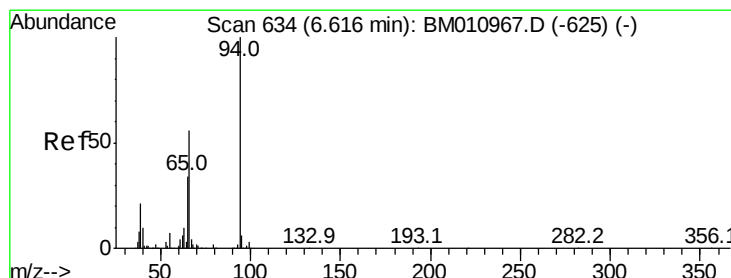
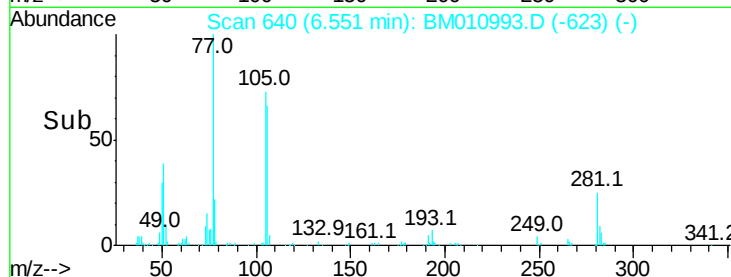
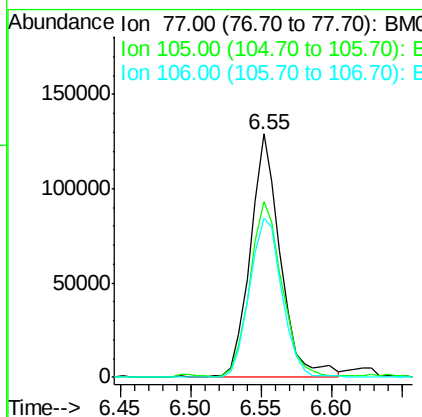
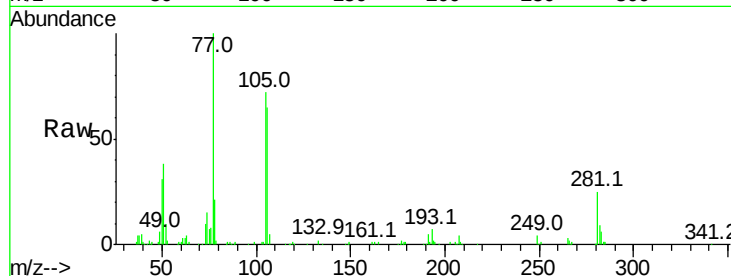
105 72.4 78.8 118.8#

106 65.5 73.7 113.7#

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#10

Phenol

Concen: 32.687 ng

RT: 6.62 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM010993.D

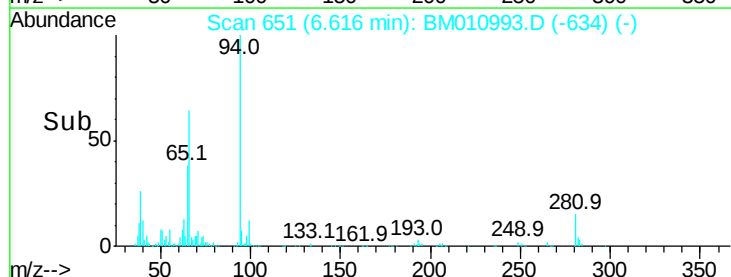
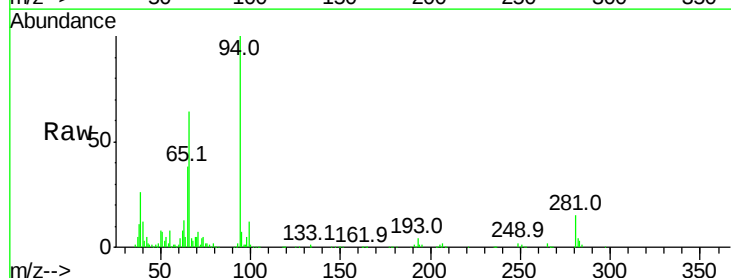
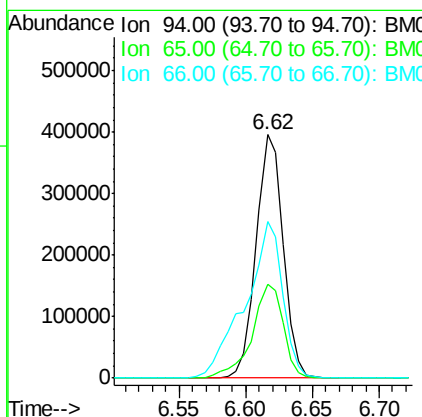
Acq: 27 Jul 2017 04:35

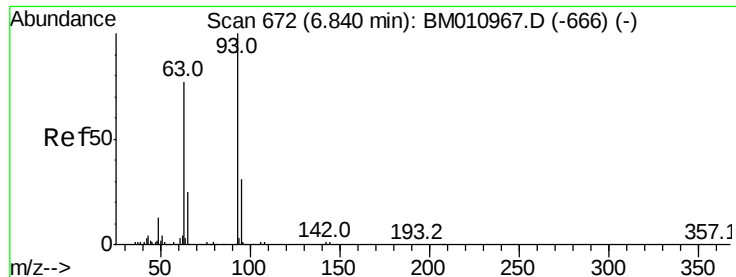
Tgt Ion: 94 Resp: 550276
Ion Ratio Lower Upper

94 100

65 38.4 18.8 58.8

66 64.5 39.9 79.9





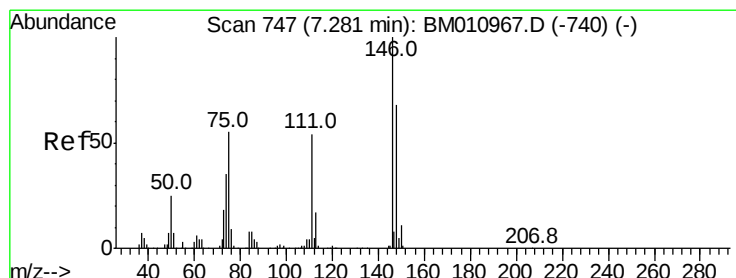
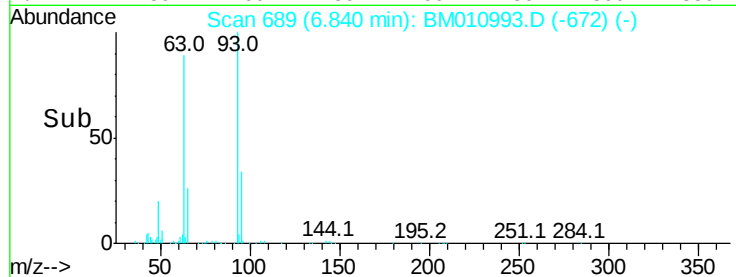
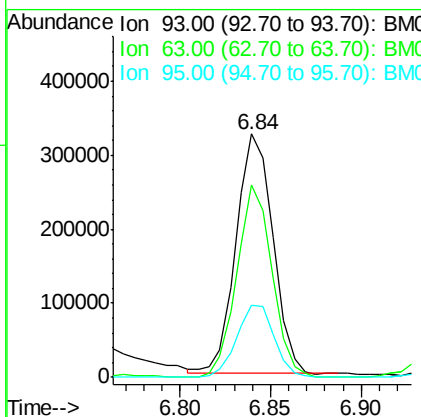
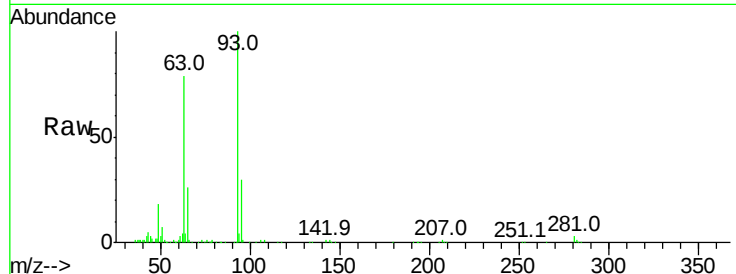
#11
bis(2-Chloroethyl)ether
Concen: 34.883 ng
RT: 6.84 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	49.5	89.5
95	29.7	13.5	53.5

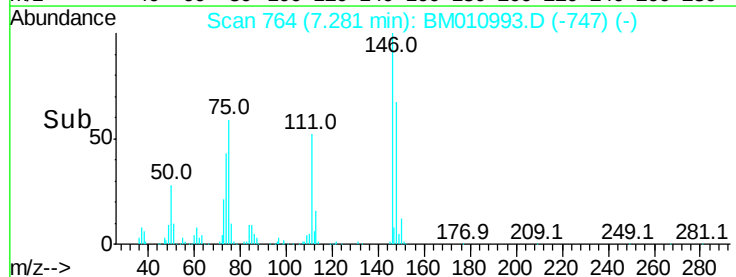
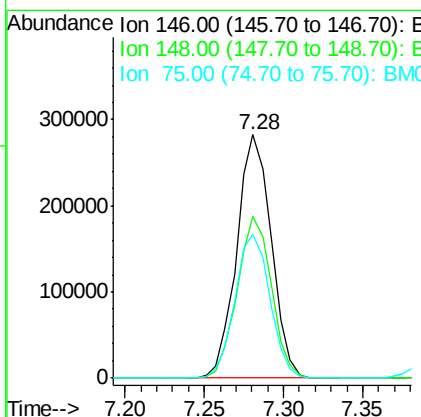
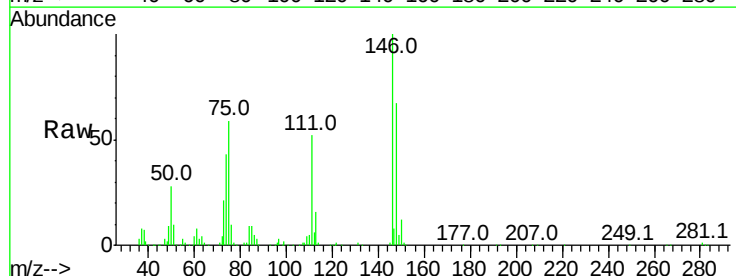
Manual Integrations
APPROVED

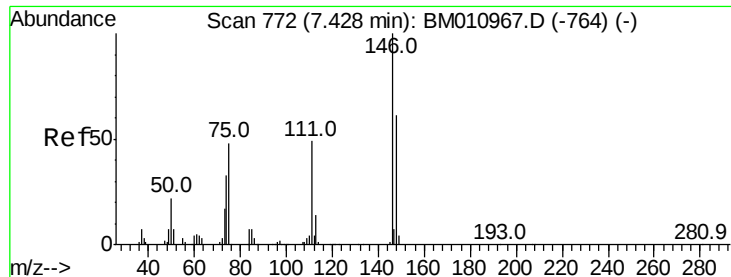
Sohil
7/27/2017 6:21:45 PM



#12
1,3-Dichlorobenzene
Concen: 31.591 ng
RT: 7.28 min Scan# 764
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.9	76.3
75	59.0	21.4	32.2#





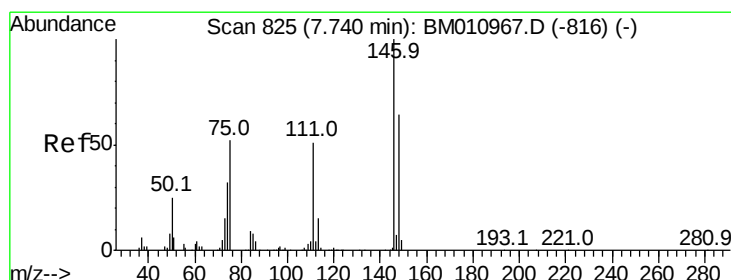
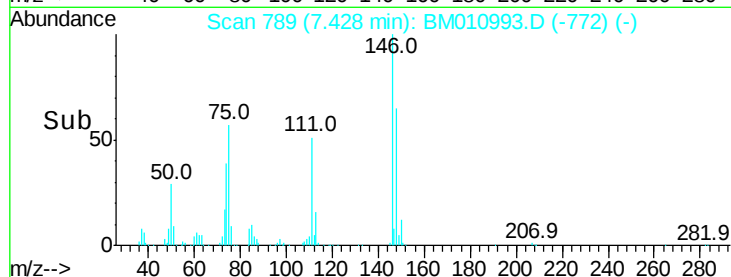
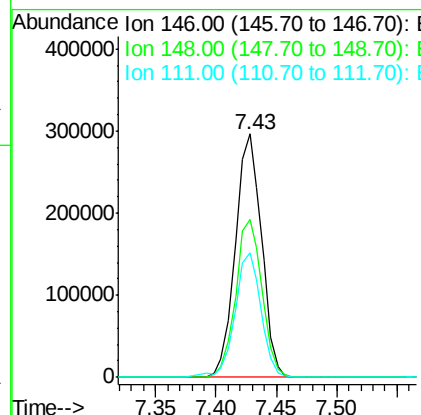
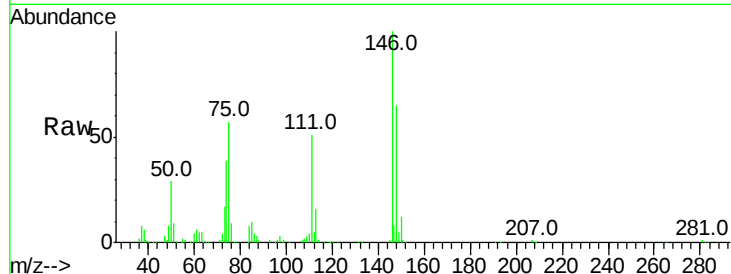
#13
 1,4-Dichlorobenzene
 Concen: 32.338 ng
 RT: 7.43 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	51.1	29.2	43.8

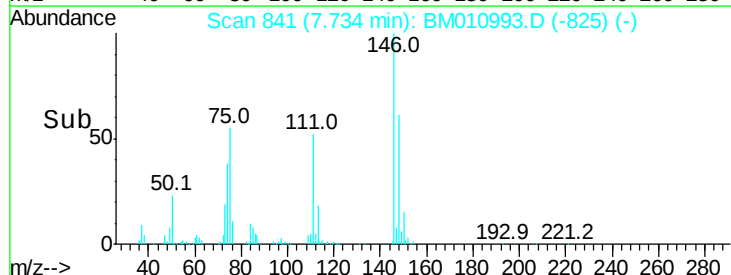
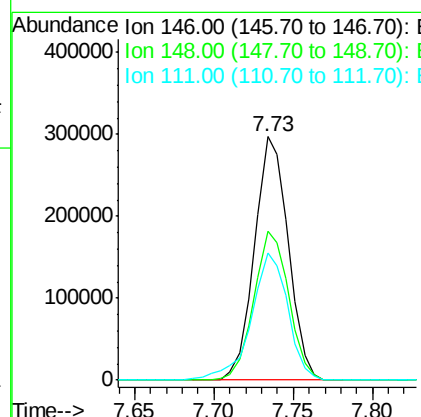
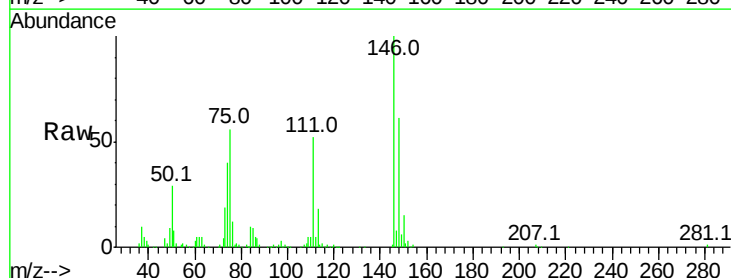
Manual Integrations
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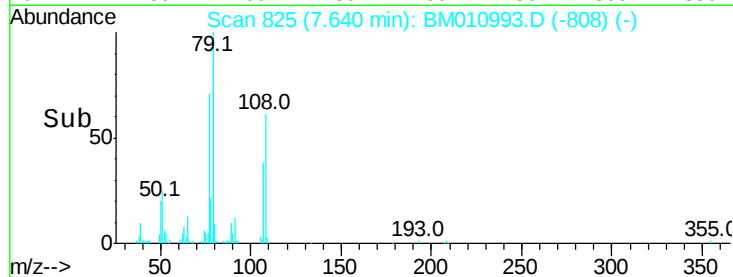
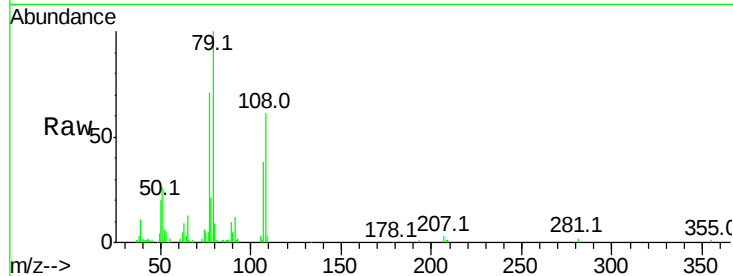
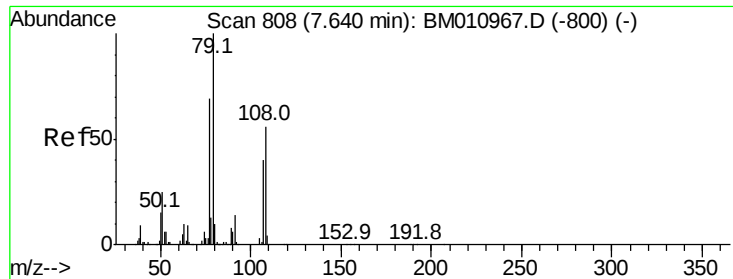
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#14
 1,2-Dichlorobenzene
 Concen: 33.358 ng
 RT: 7.73 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.3	78.5
111	52.0	30.6	45.8





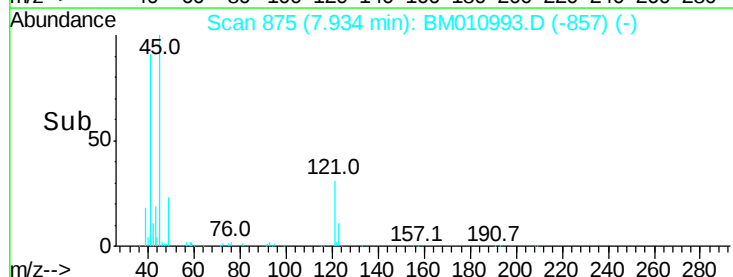
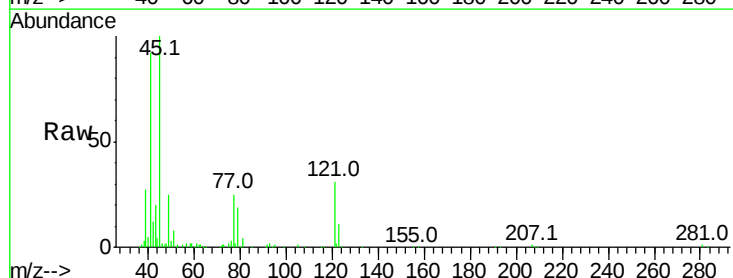
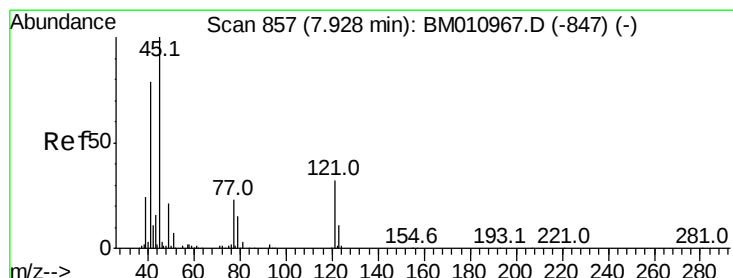
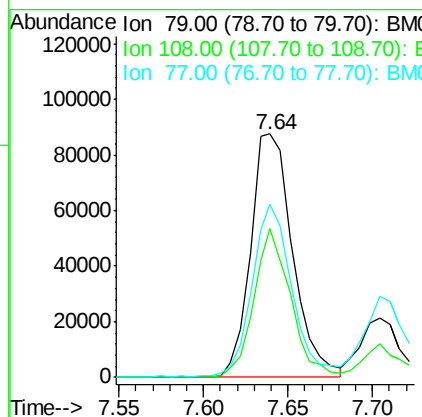
#15
Benzyl Alcohol
Concen: 10.221 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.3	65.0	97.4#
77	71.1	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

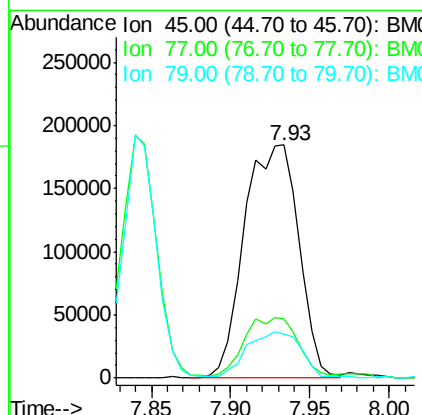
Manual Integrations
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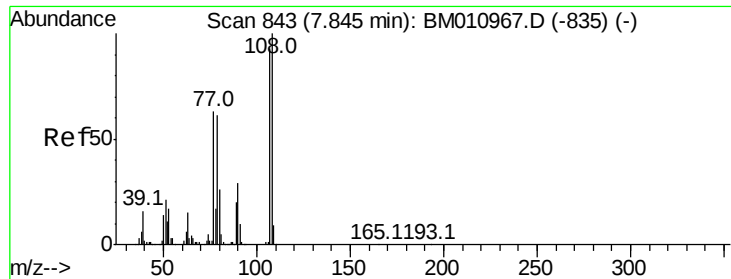
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.267 ng
RT: 7.93 min Scan# 875
Delta R.T. 0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.4	0.0	35.2
79	19.0	0.0	32.0





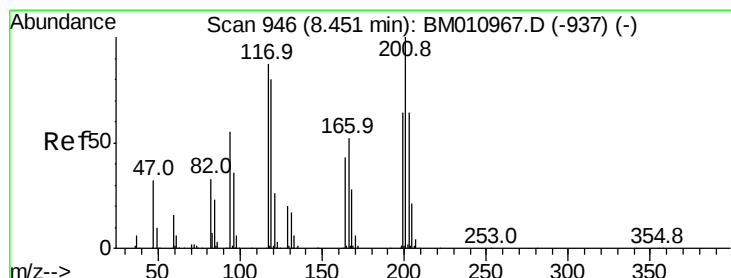
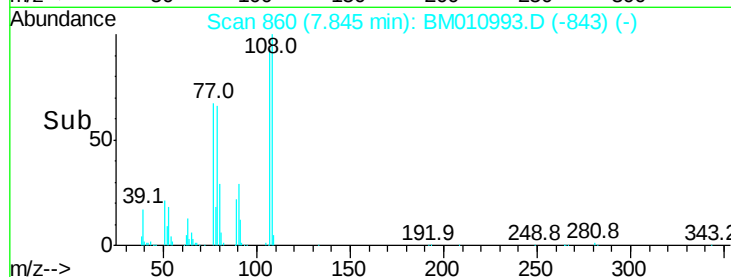
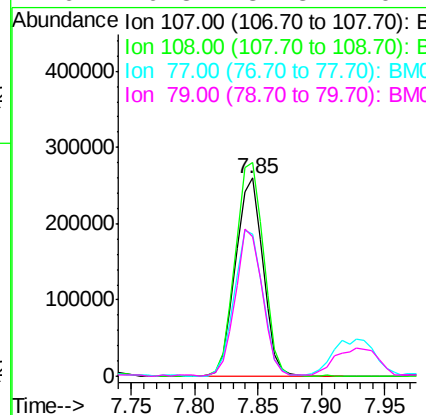
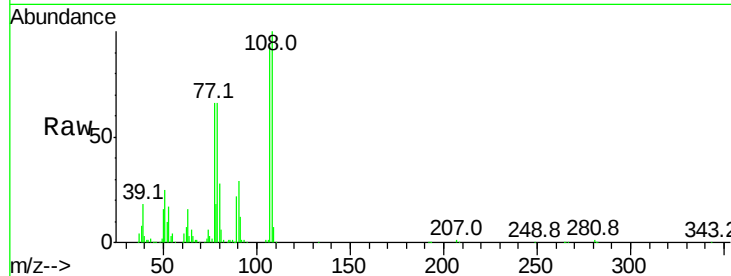
#17
2-Methylphenol
Concen: 36.161 ng
RT: 7.85 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	89.8	134.8	
77	71.6	32.6	48.8#	
79	70.8	32.8	49.2#	

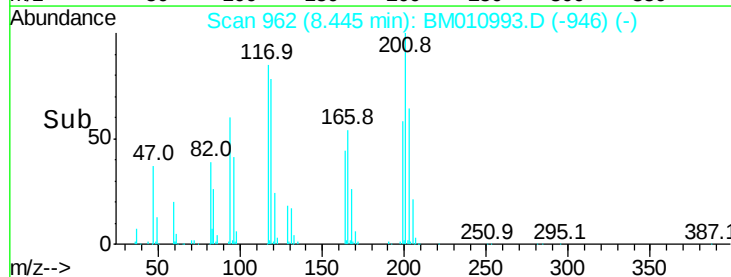
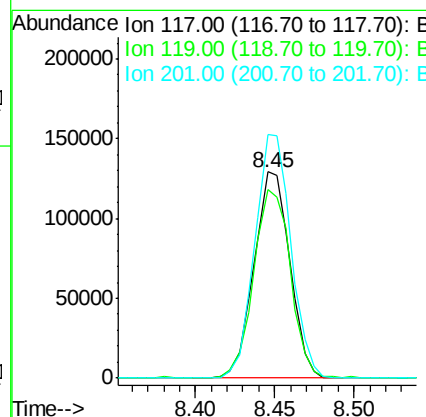
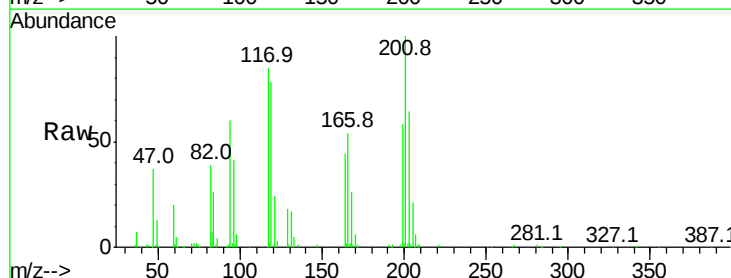
Manual Integrations
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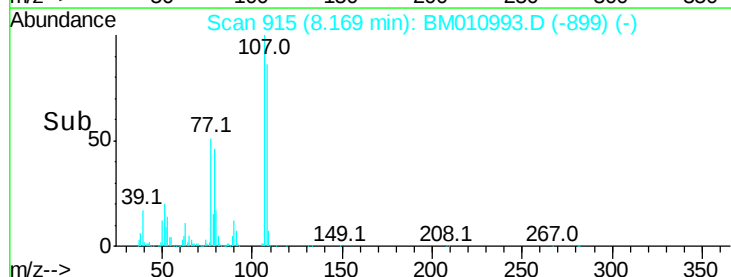
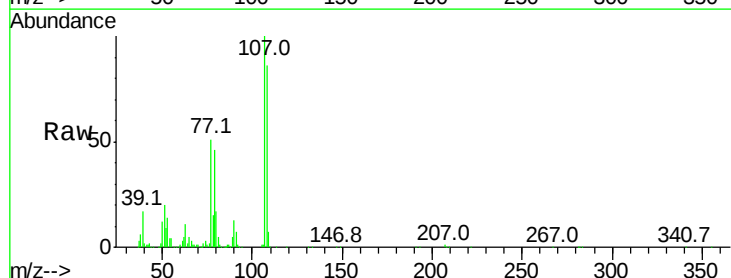
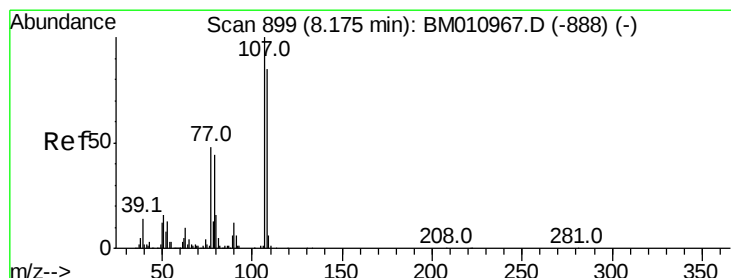
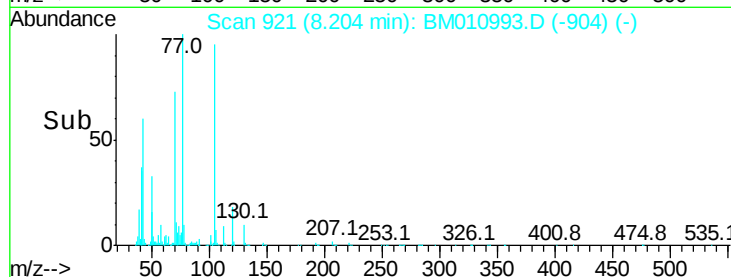
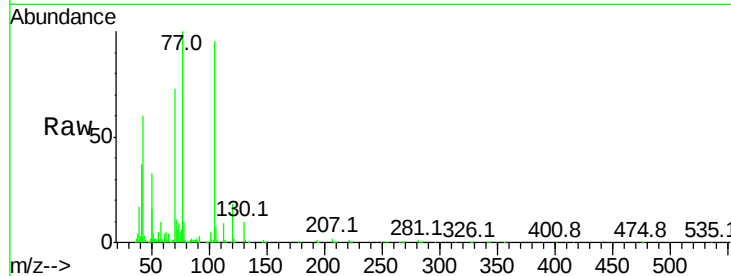
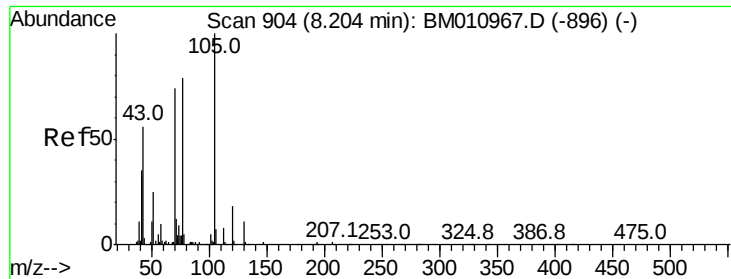
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#18
Hexachloroethane
Concen: 33.787 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.7	79.2	118.8	
201	118.2	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.372 ng

RT: 8.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: BM010993.D

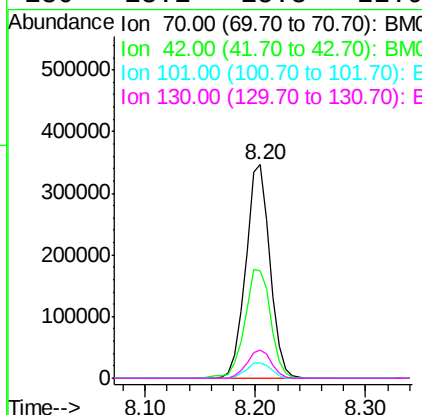
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	44.5	66.7
101	7.4	7.4	11.2
130	13.1	15.3	22.9

Manual Integrations
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#20

3+4-Methylphenols

Concen: 35.645 ng

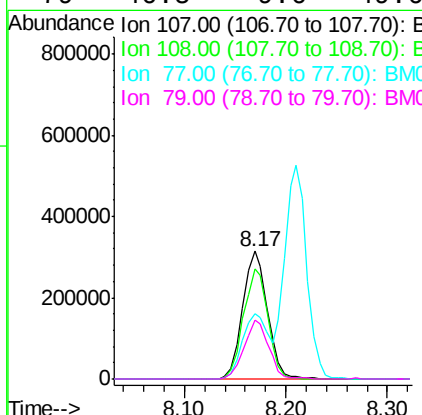
RT: 8.17 min Scan# 915

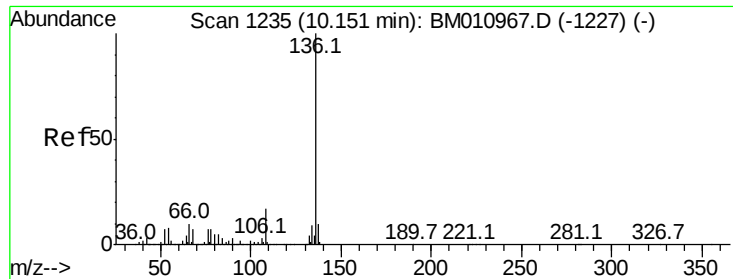
Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.2	113.2
77	50.8	10.7	50.7
79	46.5	9.6	49.6





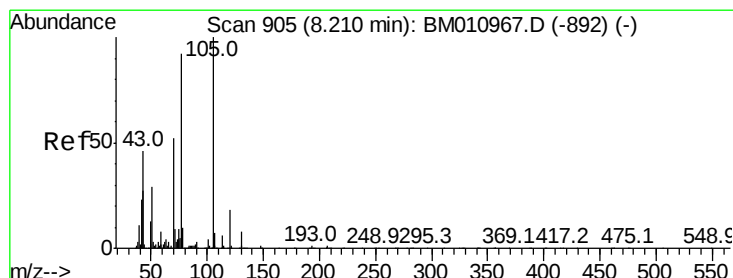
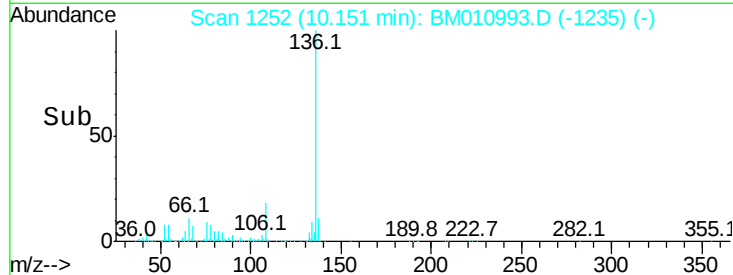
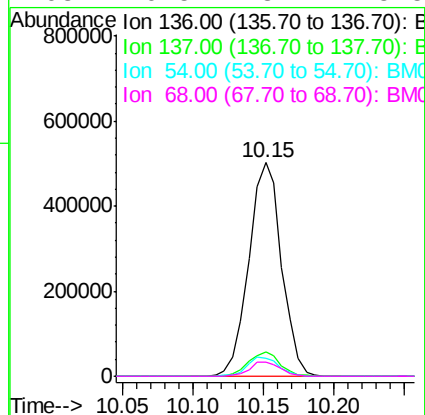
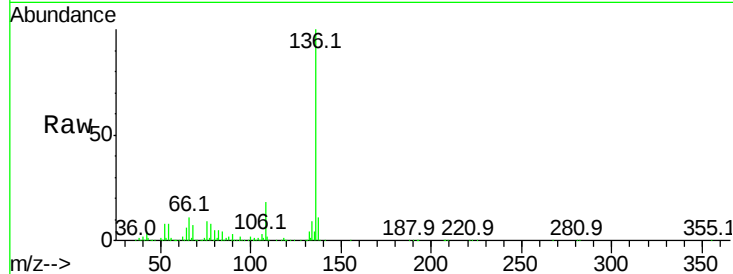
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	8.4	4.6	6.8#	
68	6.5	3.7	5.5#	

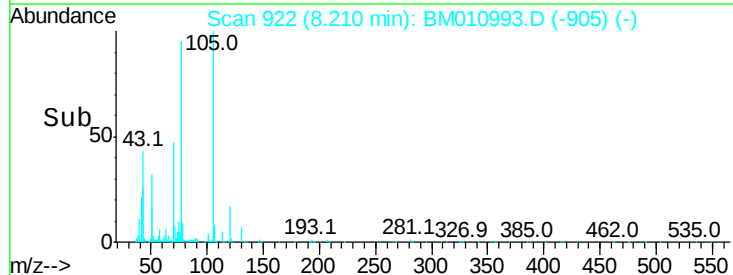
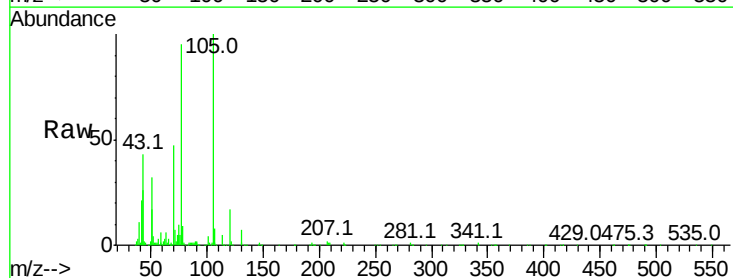
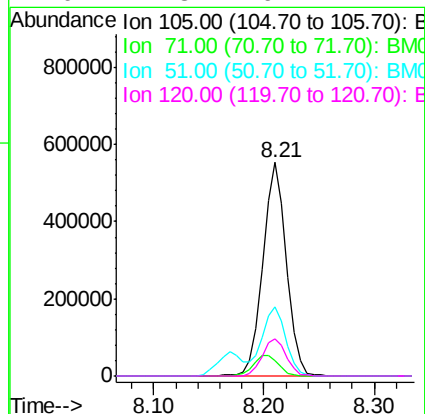
Manual Integrations
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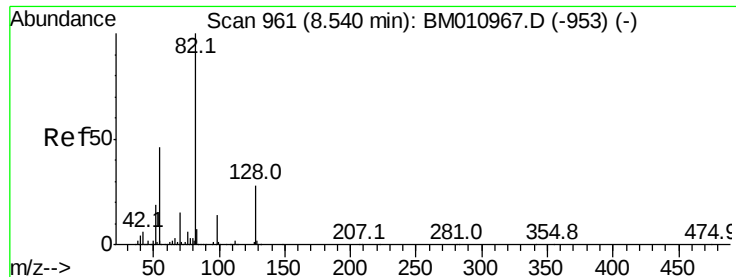
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#22
Acetophenone
Concen: 33.671 ng
RT: 8.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	0.6	1.0#	
51	32.2	21.6	32.4	
120	17.3	16.1	24.1	





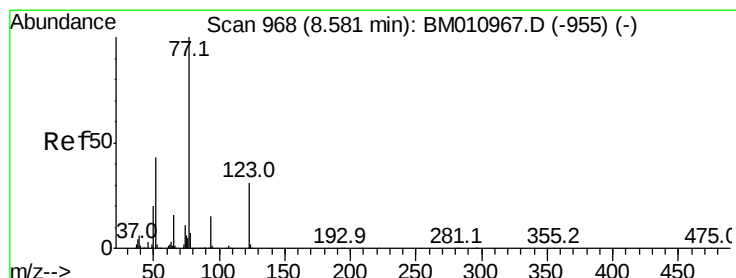
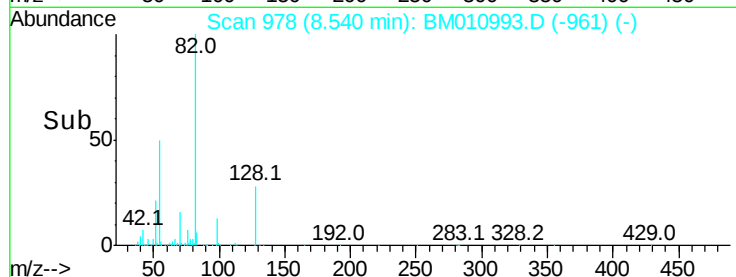
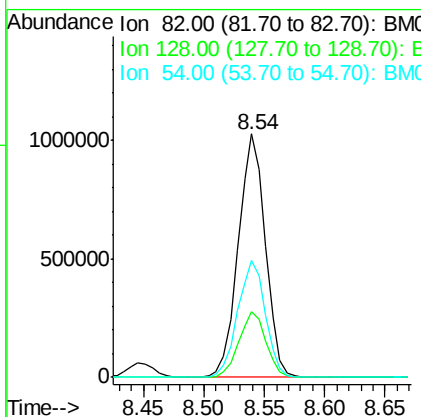
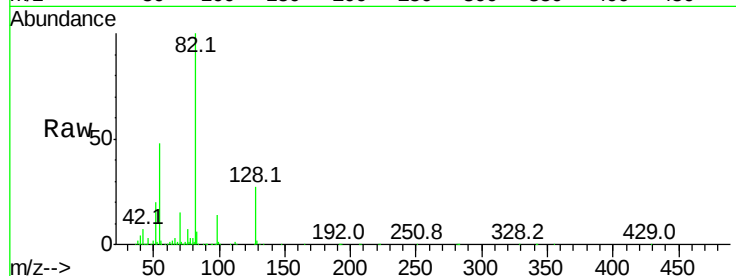
#23
 Nitrobenzene-d5
 Concen: 73.847 ng
 RT: 8.54 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	82	Resp	1608184
Ion Ratio	100	Lower	Upper
82	100		
128	27.0	32.8	49.2#
54	48.2	40.6	60.8

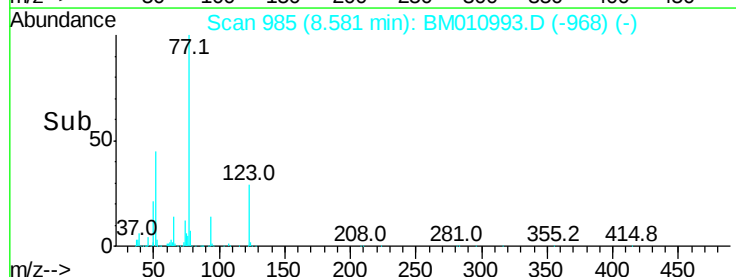
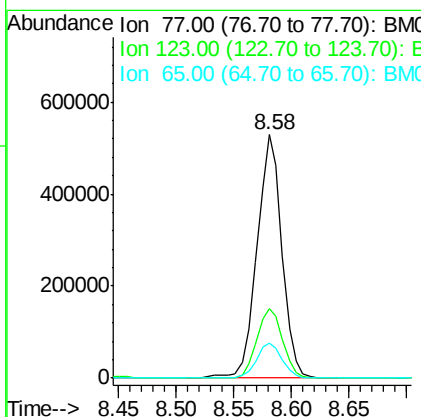
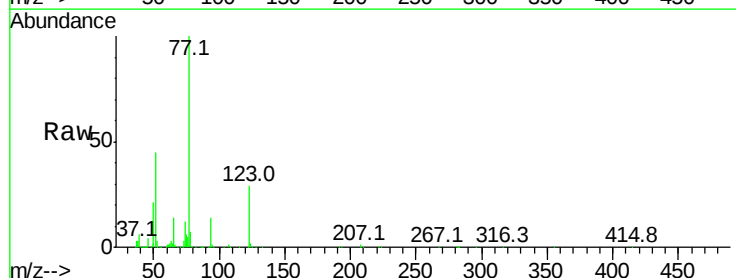
Manual Integrations
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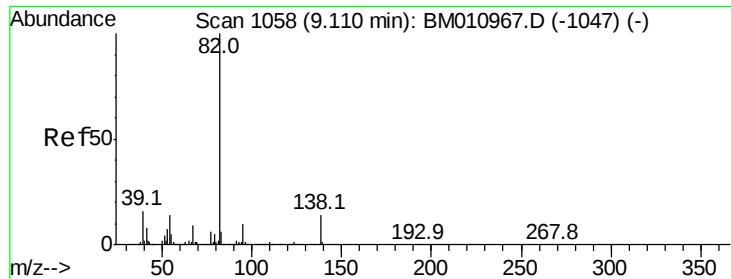
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#24
 Nitrobenzene
 Concen: 35.140 ng
 RT: 8.58 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	77	Resp	792987
Ion Ratio	100	Lower	Upper
77	100		
123	28.7	32.6	49.0#
65	14.3	10.9	16.3





#25

Isophorone

Concen: 36.824 ng

RT: 9.10 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion: 82 Resp: 1337051

Ion Ratio Lower Upper

82 100

95 9.3 5.8 8.6#

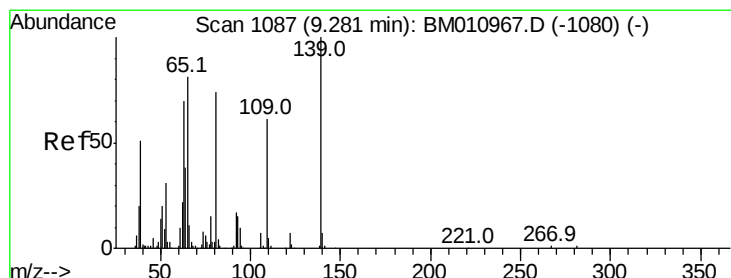
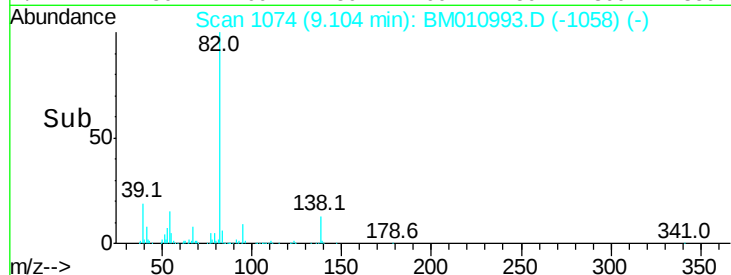
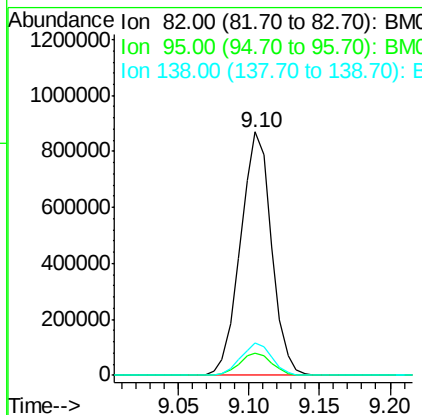
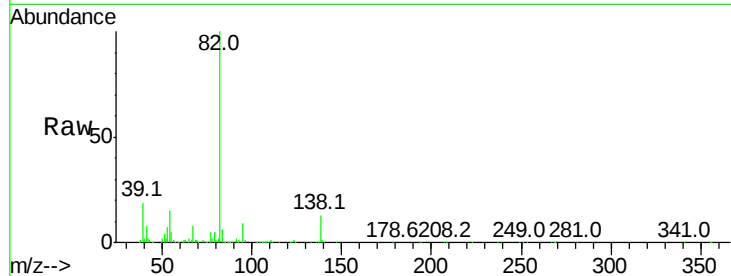
138 13.1 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.106 ng

RT: 9.28 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

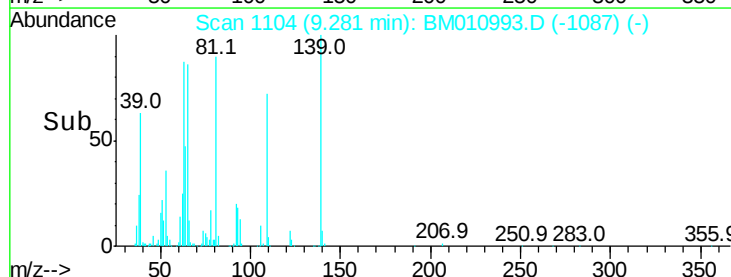
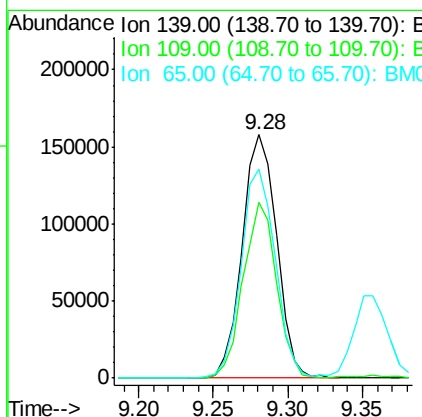
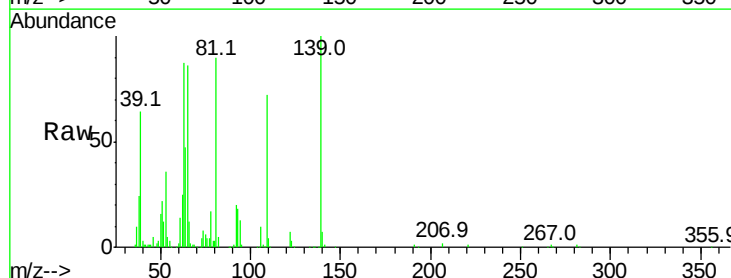
Tgt Ion: 139 Resp: 252071

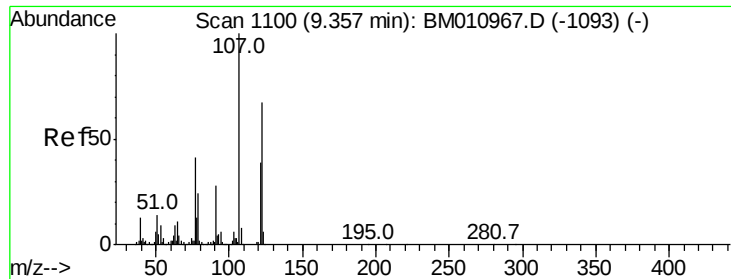
Ion Ratio Lower Upper

139 100

109 72.3 20.1 30.1#

65 85.7 31.5 47.3#





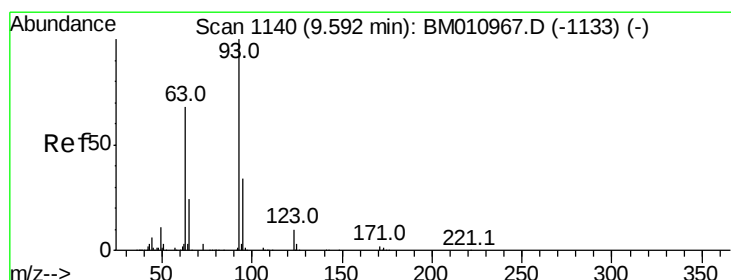
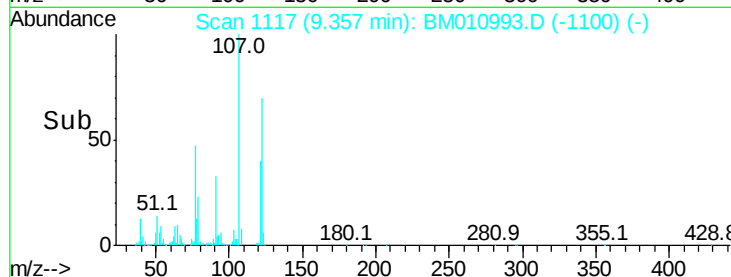
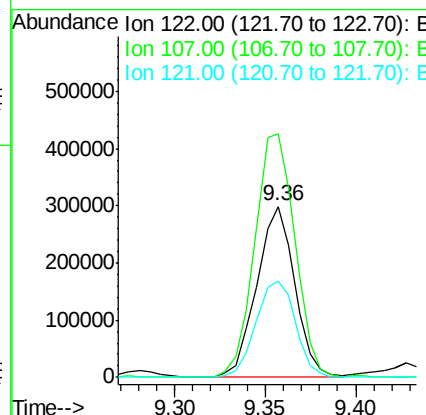
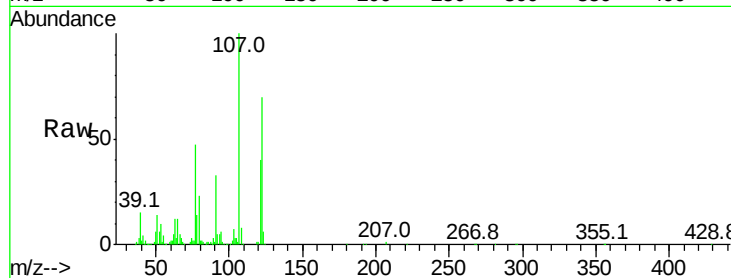
#27
2,4-Dimethylphenol
Concen: 34.450 ng
RT: 9.36 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.5	84.7	127.1#
121	56.4	46.6	69.8

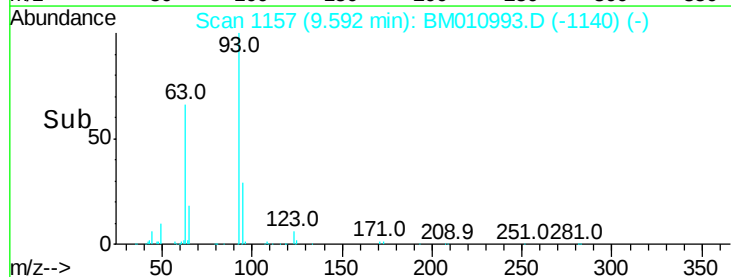
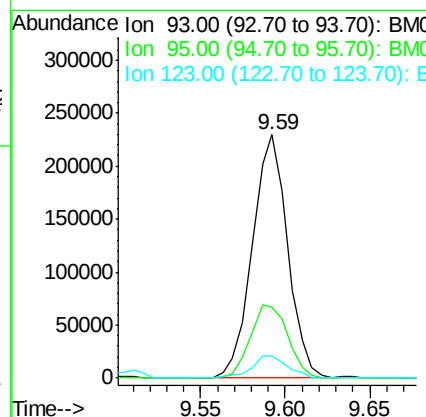
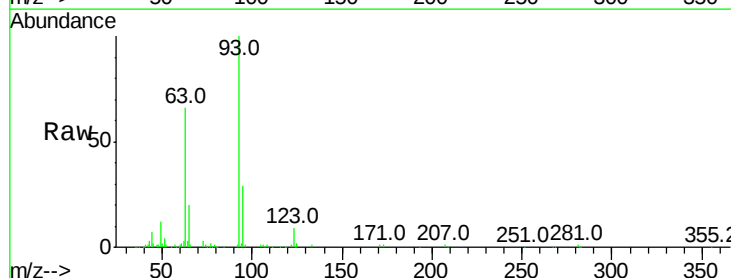
Manual Integrations
APPROVED

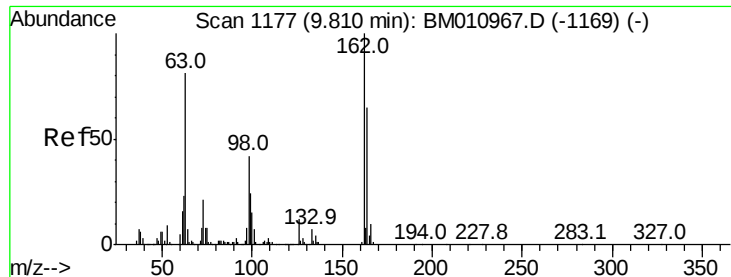
Sohil
7/27/2017 6:21:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 16.480 ng
RT: 9.59 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	25.5	38.3
123	9.0	8.6	13.0





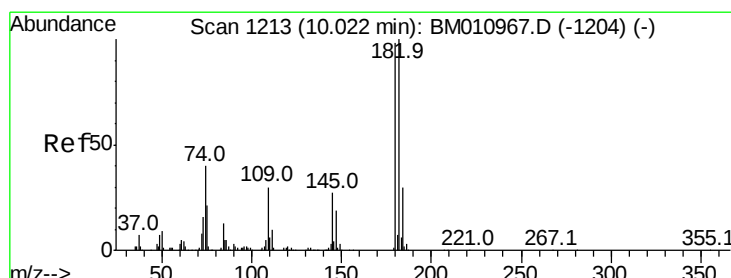
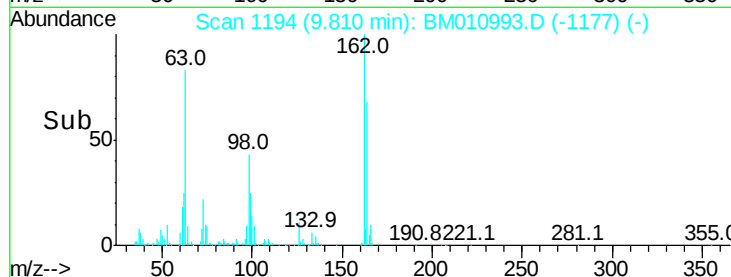
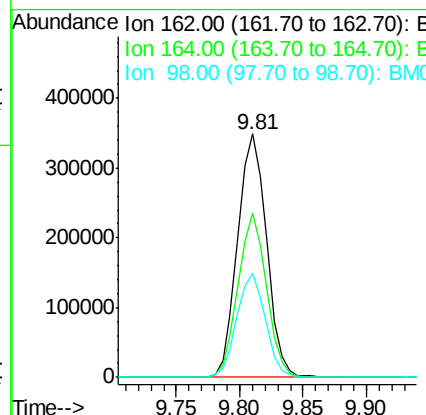
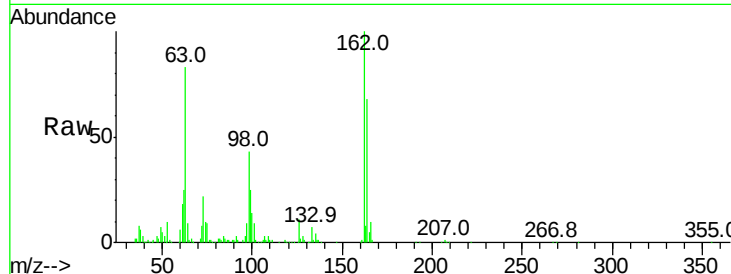
#29
2,4-Dichlorophenol
Concen: 38.803 ng
RT: 9.81 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	551150		
164	67.6	42.8	82.8	
98	42.8	14.5	54.5	

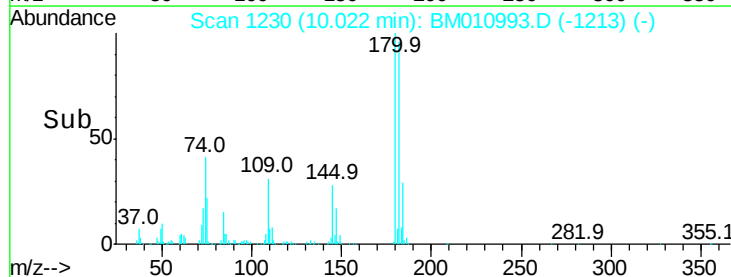
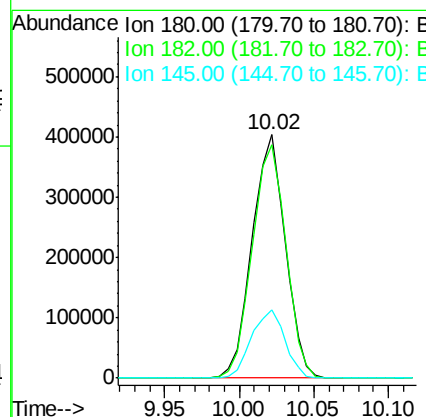
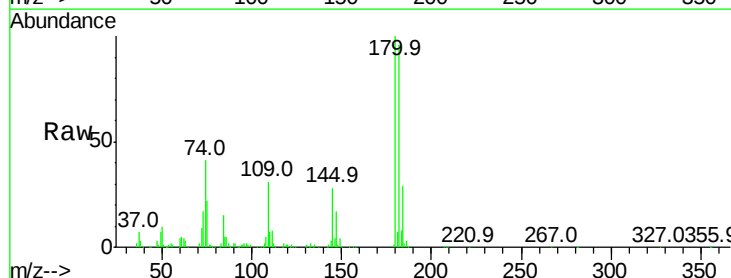
Manual Integrations
APPROVED

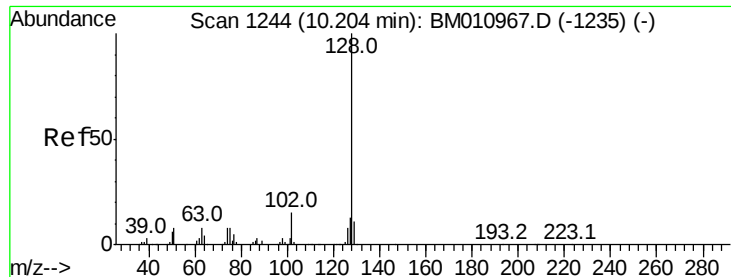
Sohil
7/27/2017 6:21:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.261 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	619253		
182	95.9	77.6	116.4	
145	28.1	23.4	35.2	





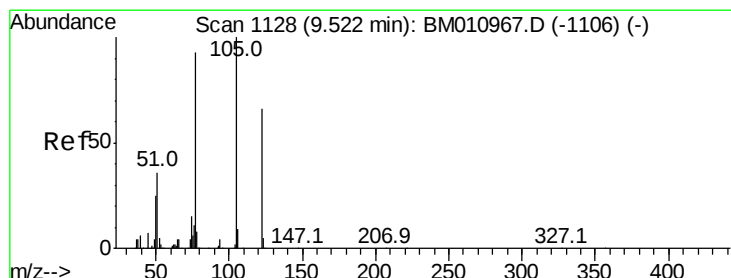
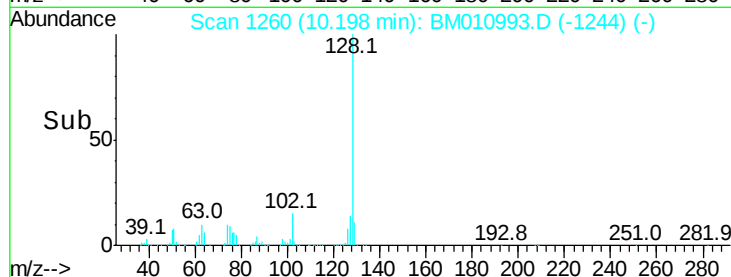
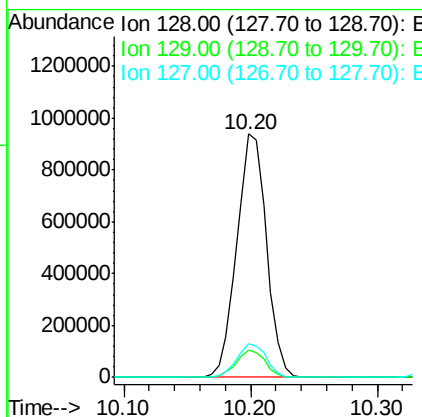
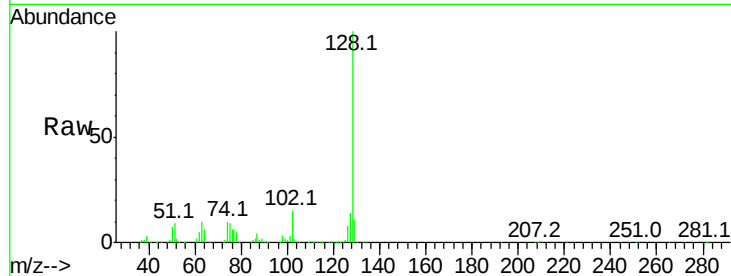
#31
Naphthalene
Concen: 36.843 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	14.0	10.4	15.6

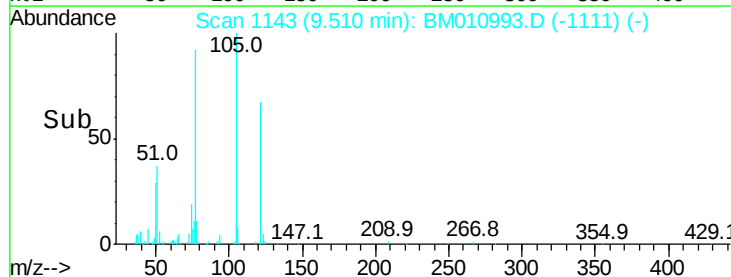
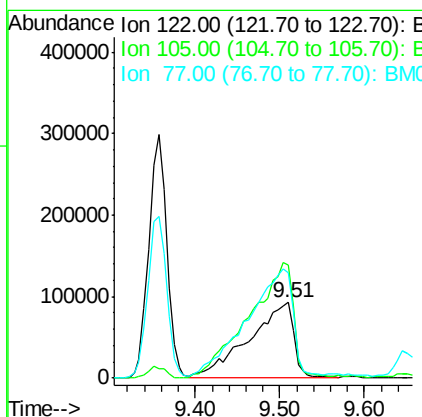
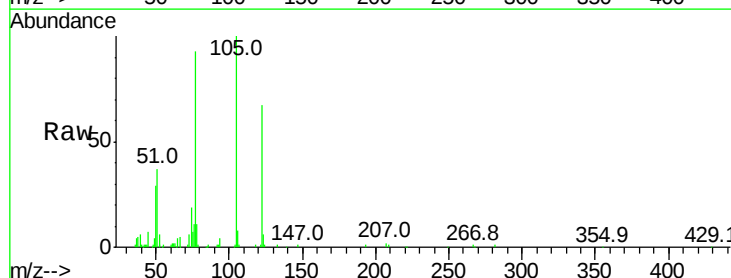
Manual Integrations
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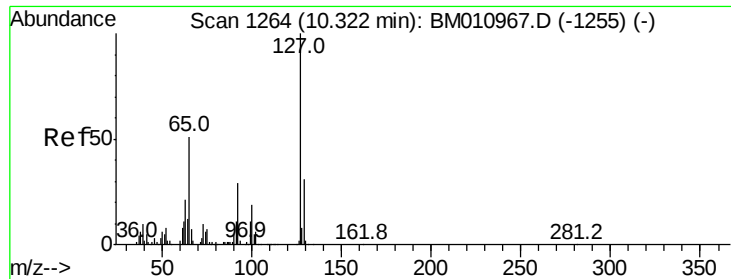
Sohil
7/27/2017 6:21:45 PM



#32
Benzoic acid
Concen: 32.688 ng
RT: 9.51 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.9	99.9	139.9#
77	138.7	73.7	113.7#





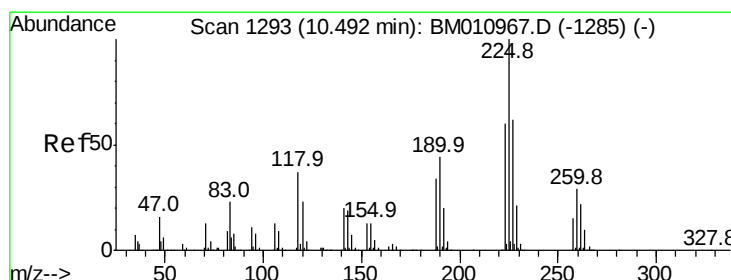
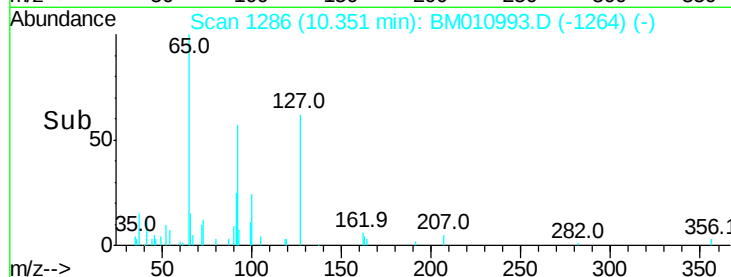
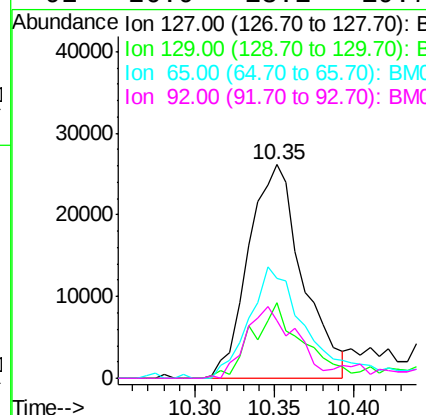
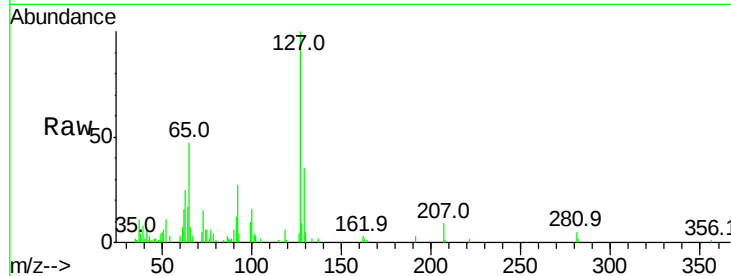
#33
4-Chloroaniline
Concen: 3.779 ng
RT: 10.35 min Scan# 1286
Delta R.T. 0.03 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		61991		
129	35.1	25.3	37.9		
65	47.1	17.6	26.4		
92	26.9	13.1	19.7		

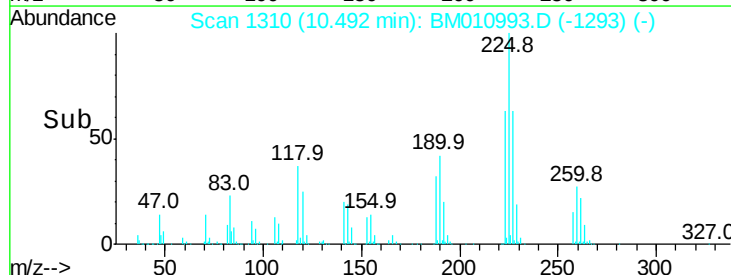
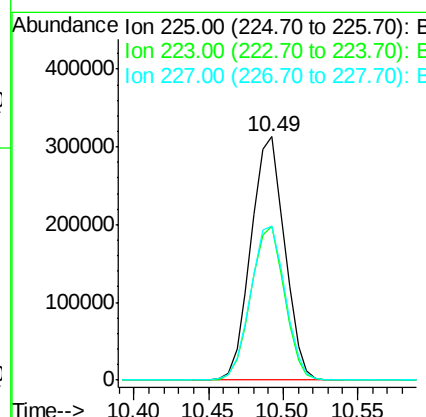
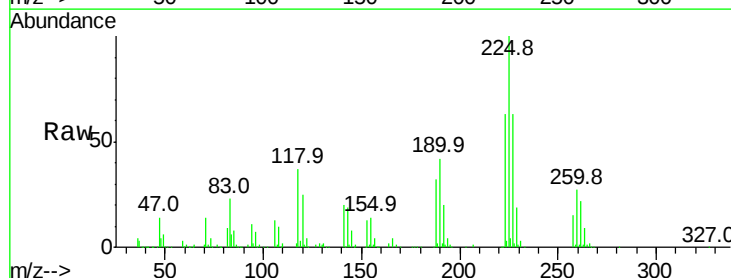
Manual Integrations
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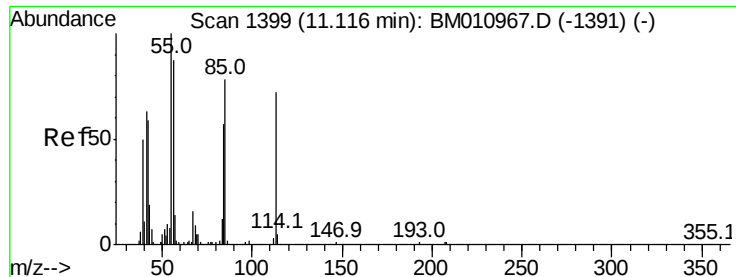
Sohil
7/27/2017 6:21:45 PM



#34
Hexachlorobutadiene
Concen: 35.211 ng
RT: 10.49 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		487053		
223	63.2	47.9	71.9		
227	63.3	50.1	75.1		





#35

Caprolactam

Concen: 24.191 ng/mL

RT: 11.16 min Scan# 1424

Delta R.T. 0.05 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion:113 Resp: 97442

Ion Ratio Lower Upper

113 100

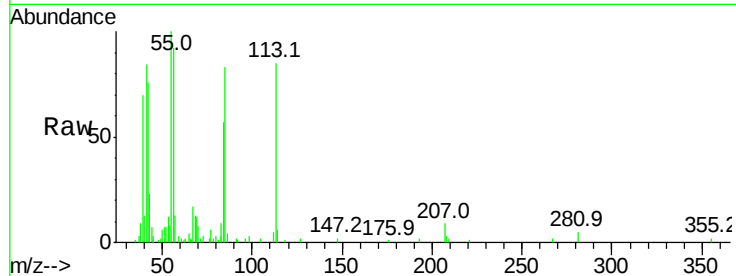
55 117.5 145.9 185.9#

56 107.7 101.0 141.0

Manual Integrations
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Sohil

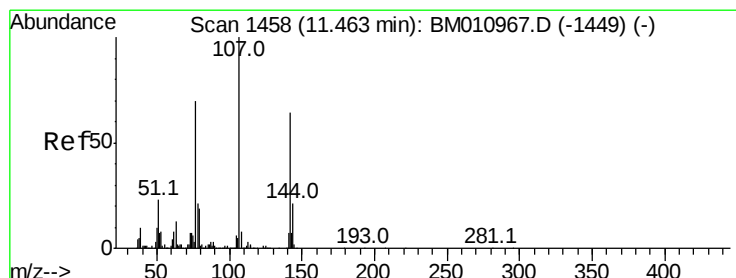
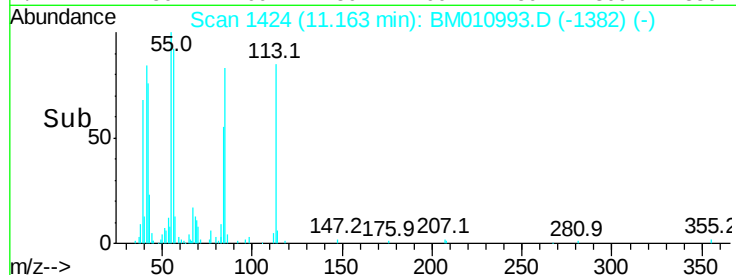
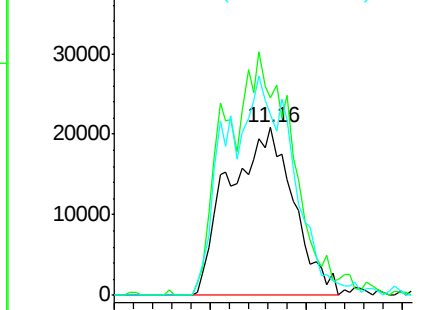
7/27/2017 6:21:45 PM



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



#36

4-Chloro-3-methylphenol

Concen: 37.038 ng/mL

RT: 11.46 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

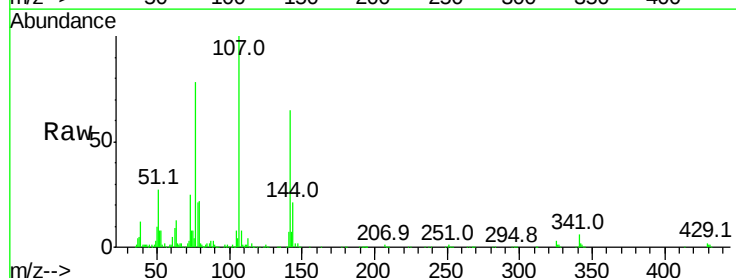
Tgt Ion:107 Resp: 679286

Ion Ratio Lower Upper

107 100

144 20.6 23.3 34.9#

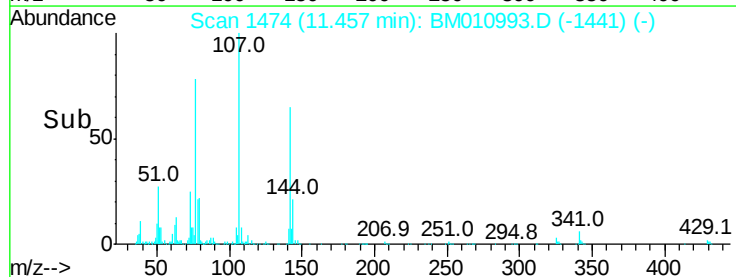
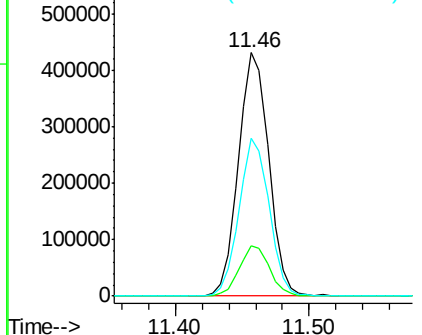
142 64.9 72.6 109.0#

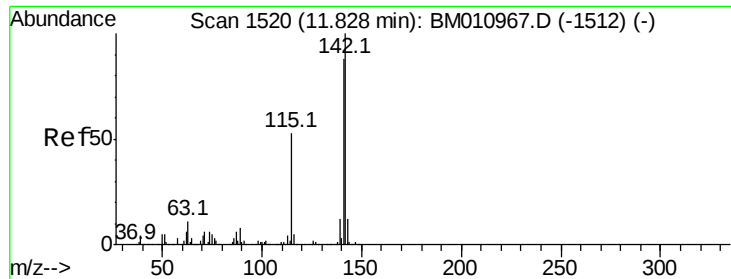


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





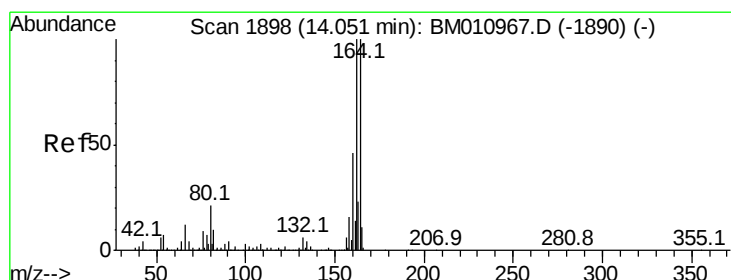
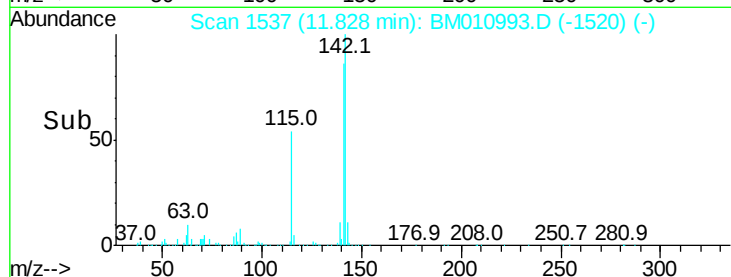
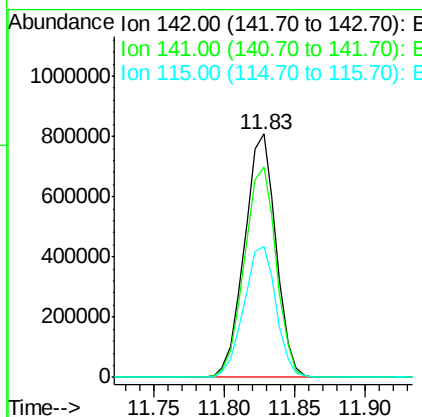
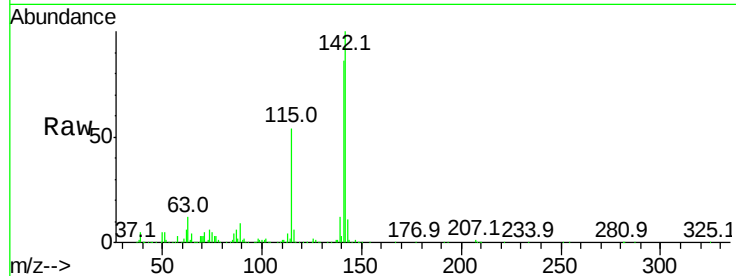
#37
2-Methylnaphthalene
Concen: 41.809 ng
RT: 11.83 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.9	107.9
115	53.9	25.4	38.0

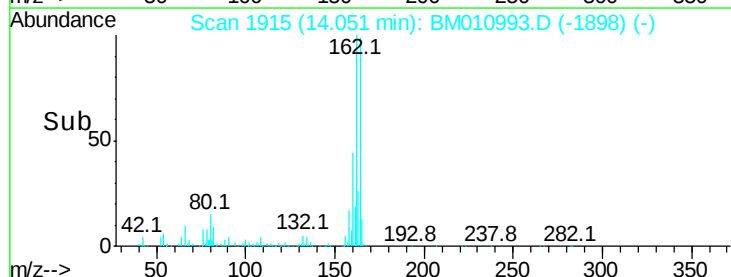
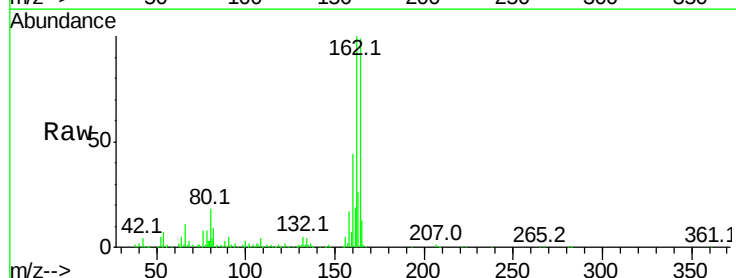
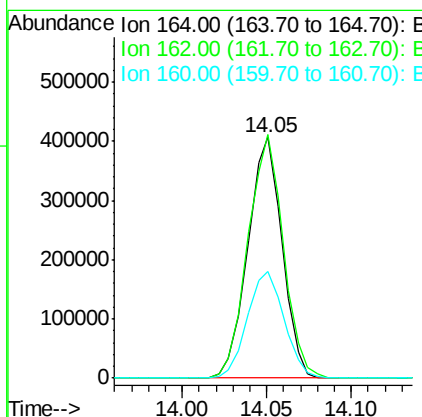
Manual Integrations
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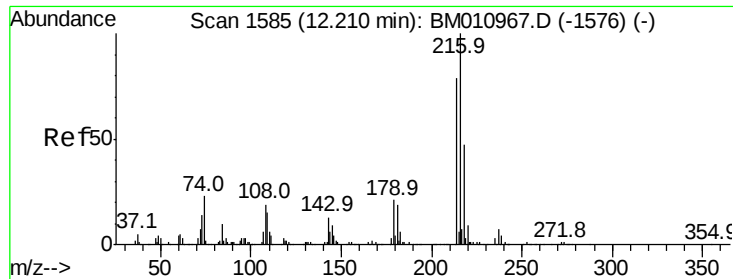
Sohil
7/27/2017 6:21:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	44.2	35.8	53.6





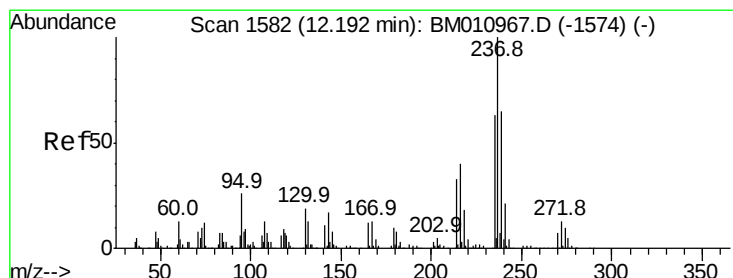
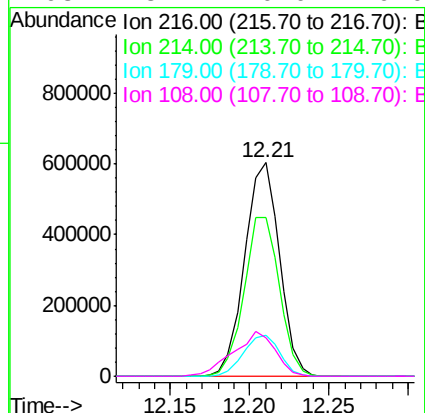
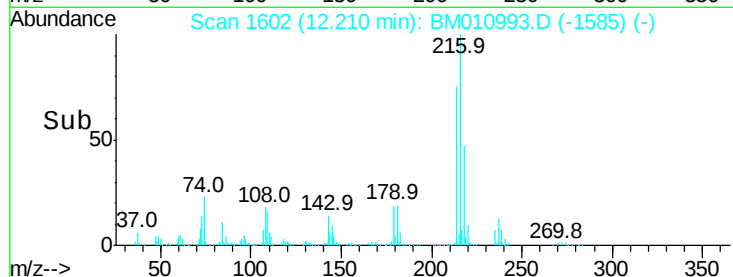
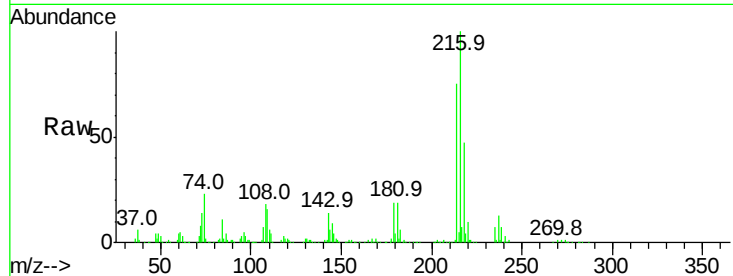
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.299 ng
 RT: 12.21 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	919795		
214	75.9	0.0	0.0#	
179	20.1	0.0	0.0#	
108	25.1	0.0	0.0#	

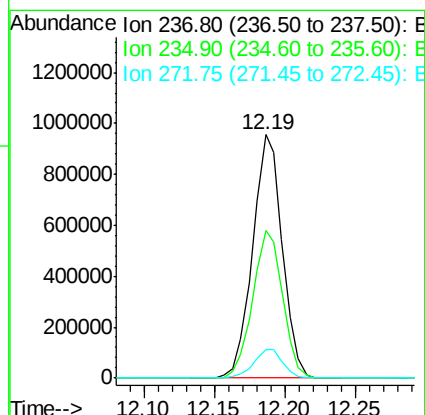
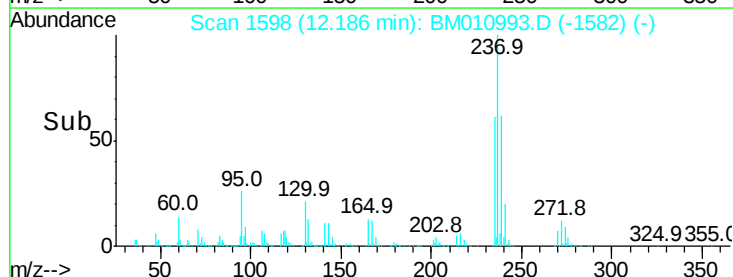
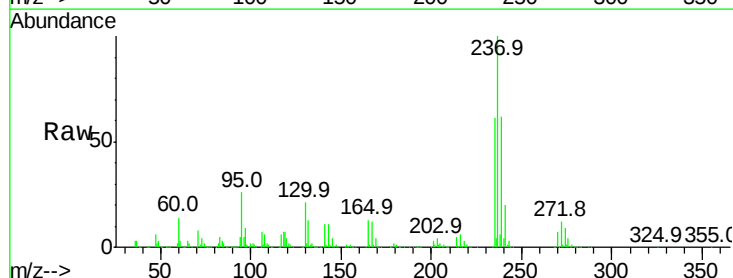
Manual Integrations
 APPROVED

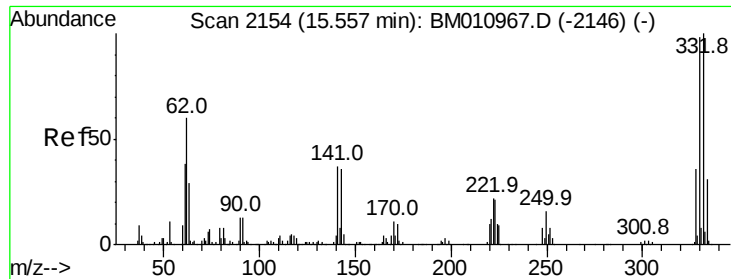
Sohil
 7/27/2017 6:21:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 97.940 ng
 RT: 12.19 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1407324		
235	60.6	42.0	82.0	
272	11.7	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 139.272 ng

RT: 15.55 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion:330 Resp: 1281269

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

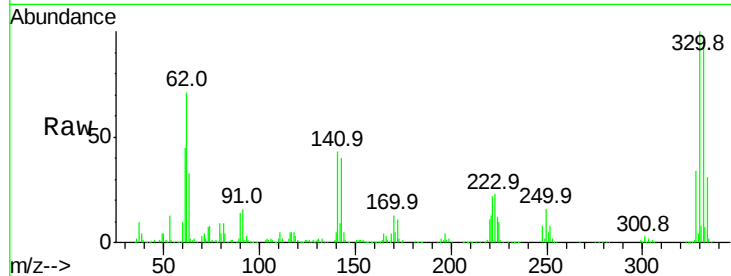
141 41.7 0.0 0.0#

Manual Integrations

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Sohil

7/27/2017 6:21:45 PM

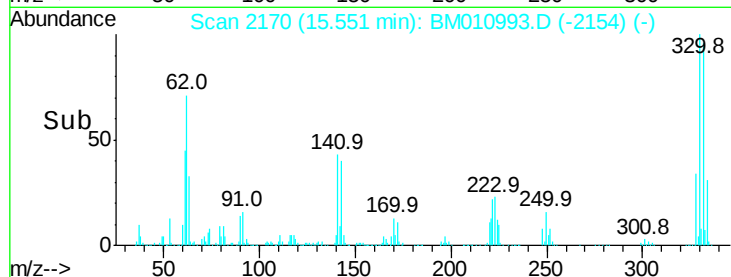


Abundance Ion 329.80 (329.50 to 330.50): E

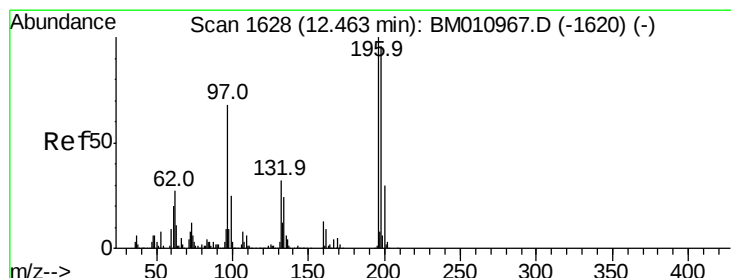
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#42

2,4,6-Trichlorophenol

Concen: 39.133 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

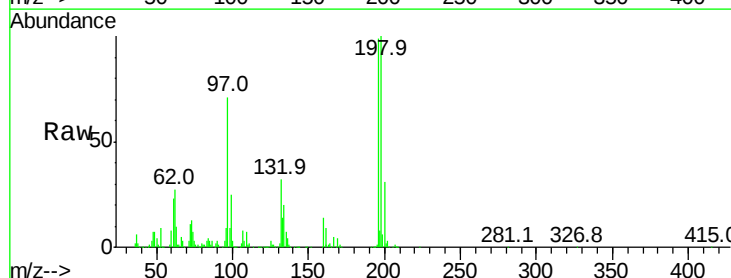
Tgt Ion:196 Resp: 584101

Ion Ratio Lower Upper

196 100

198 101.1 76.3 114.5

200 31.7 25.6 38.4

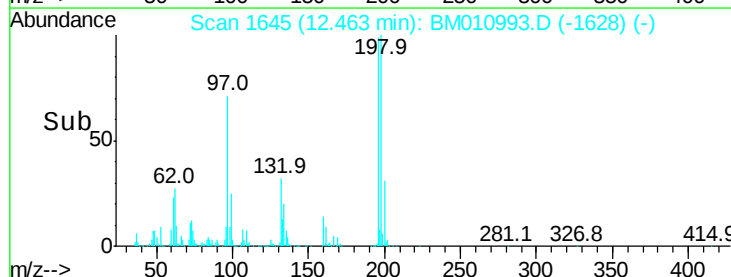


Abundance Ion 196.00 (195.70 to 196.70): E

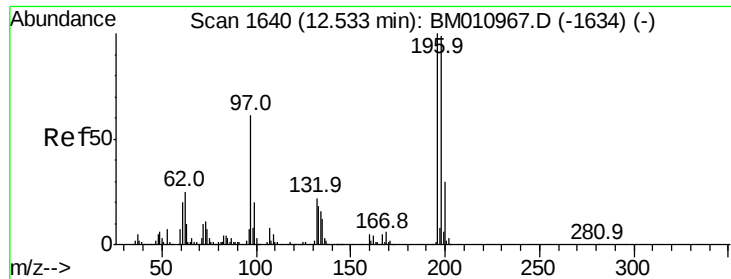
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



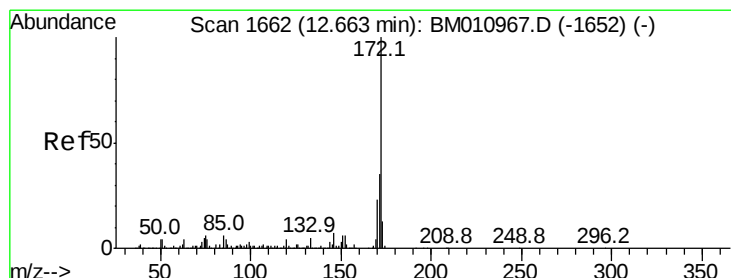
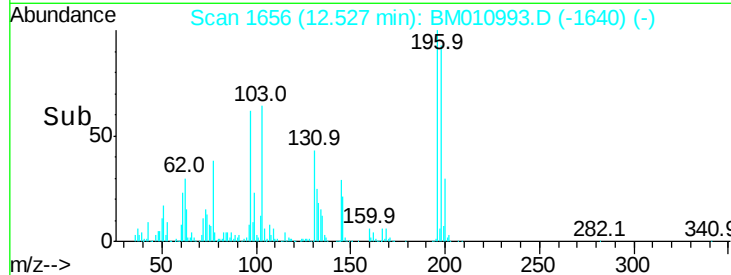
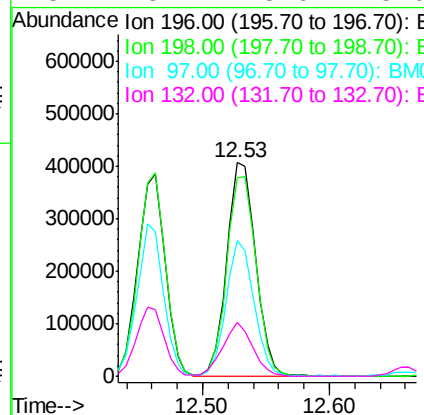
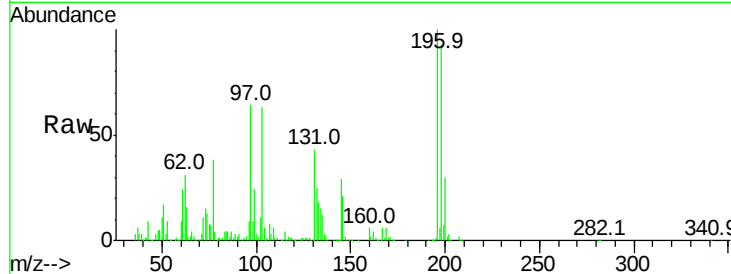
#43
2,4,5-Trichlorophenol
Concen: 41.851 ng
RT: 12.53 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.2	79.4	119.0	
97	63.6	26.8	40.2	
132	25.4	18.6	28.0	

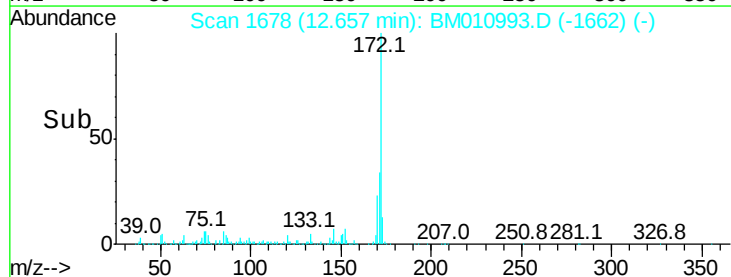
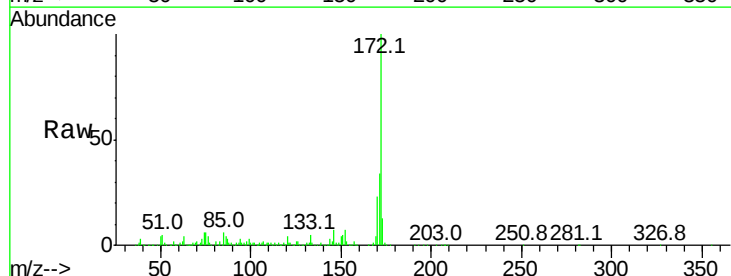
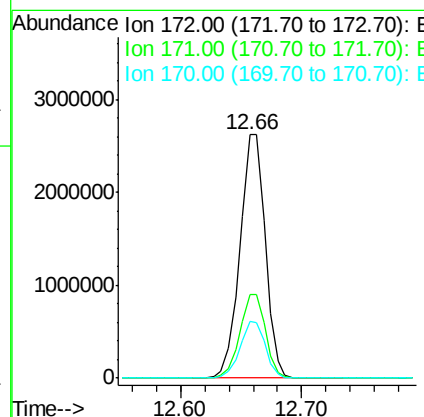
Manual Integrations
APPROVED

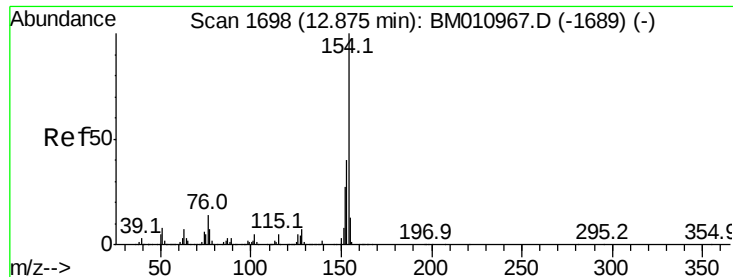
Sohil
7/27/2017 6:21:45 PM



#44
2-Fluorobiphenyl
Concen: 83.929 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	28.5	42.7	
170	23.3	18.8	28.2	





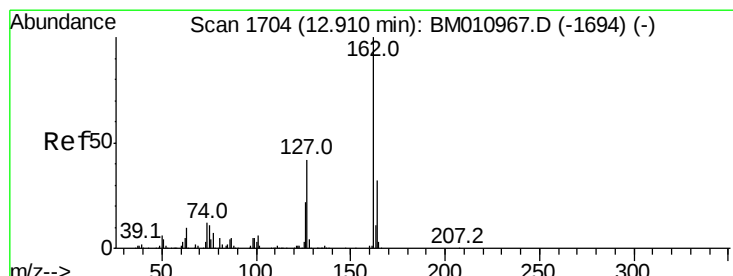
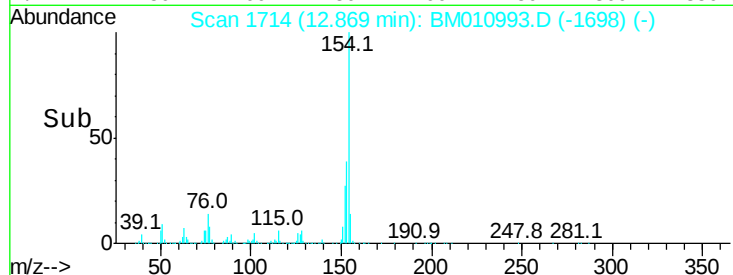
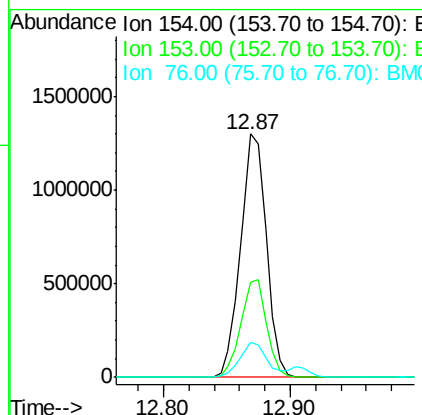
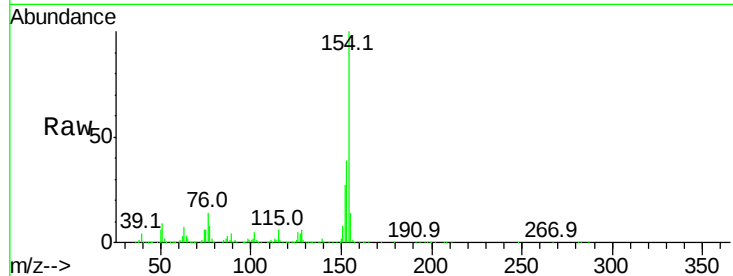
#45
 1,1'-Biphenyl
 Concen: 36.861 ng
 RT: 12.87 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.7	60.7
76	14.3	0.0	30.9

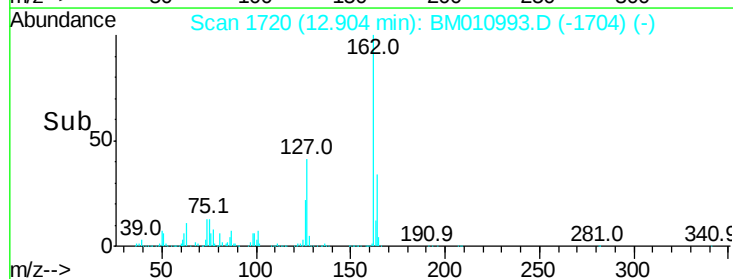
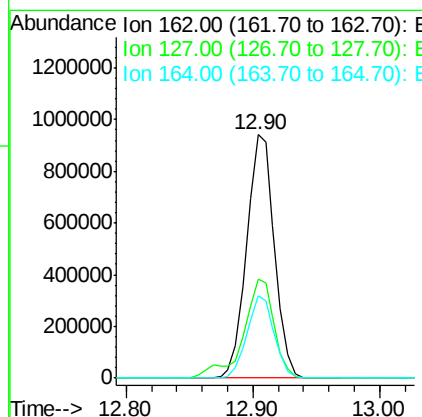
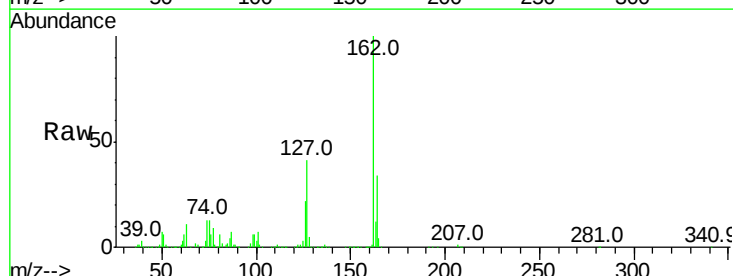
Manual Integrations
 APPROVED

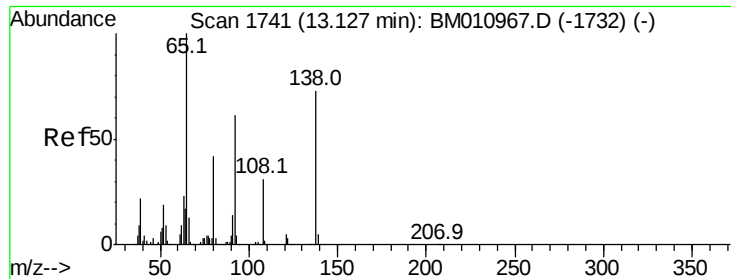
Sohil
 7/27/2017 6:21:45 PM



#46
 2-Chloronaphthalene
 Concen: 39.041 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	26.9	40.3#
164	33.9	26.8	40.2





#47

2-Nitroaniline

Concen: 21.388 ng

RT: 13.13 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

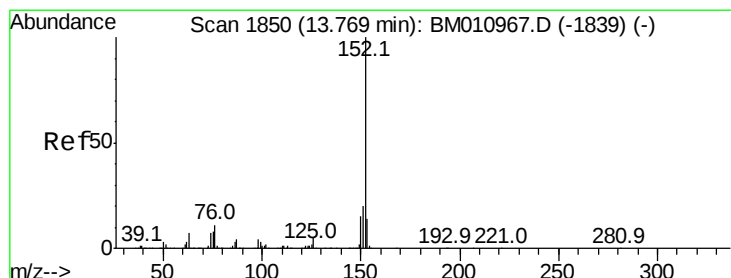
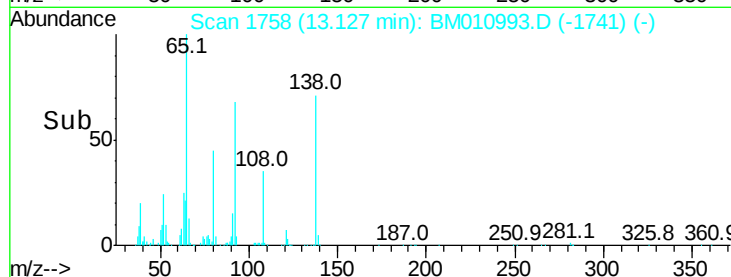
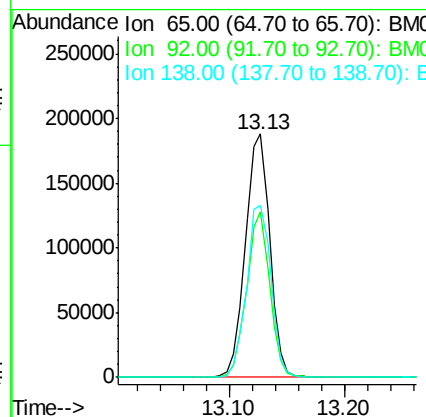
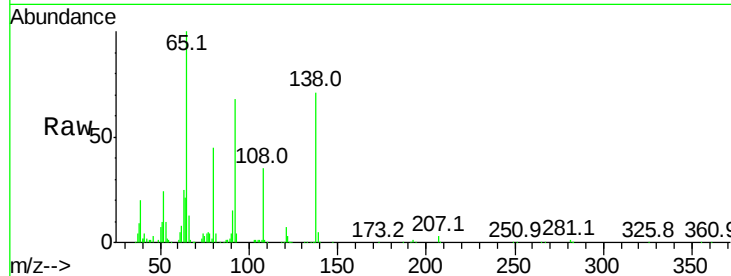
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	59.1	88.7
138	70.5	93.9	140.9

Manual Integrations
APPROVED

Sohil

7/27/2017 6:21:45 PM



#48

Acenaphthylene

Concen: 27.527 ng

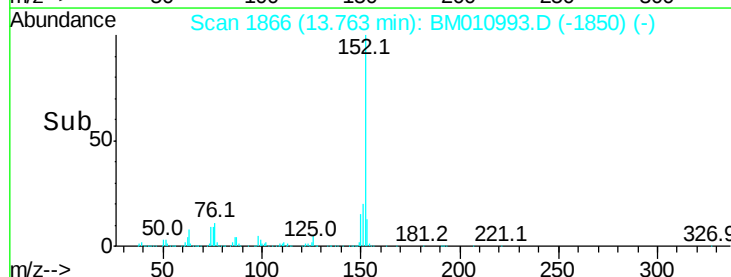
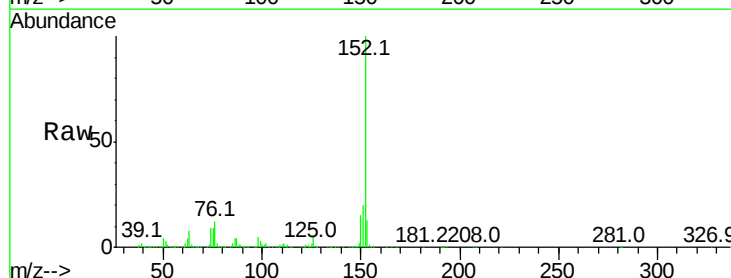
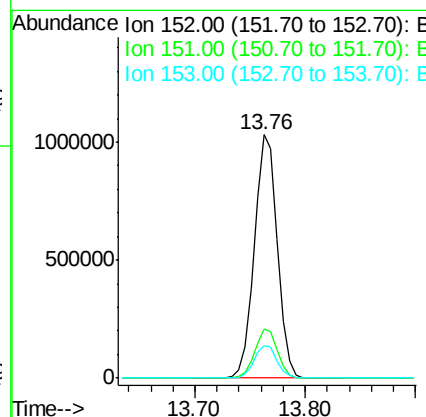
RT: 13.76 min Scan# 1866

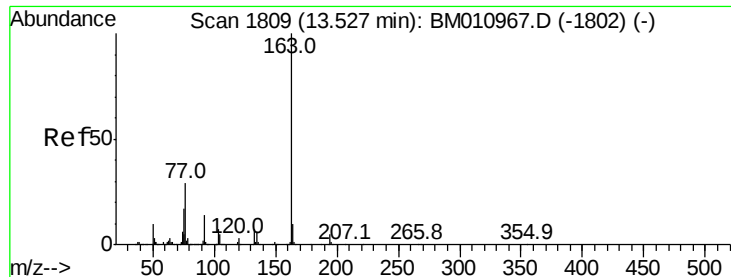
Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	10.6	16.0





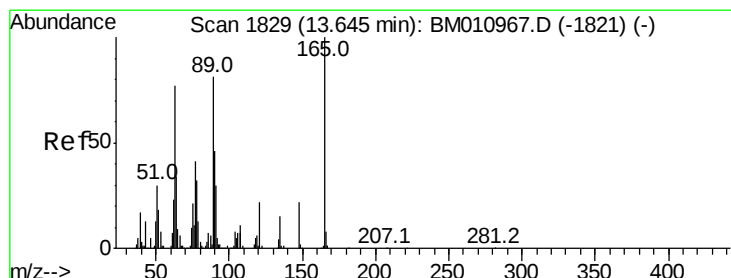
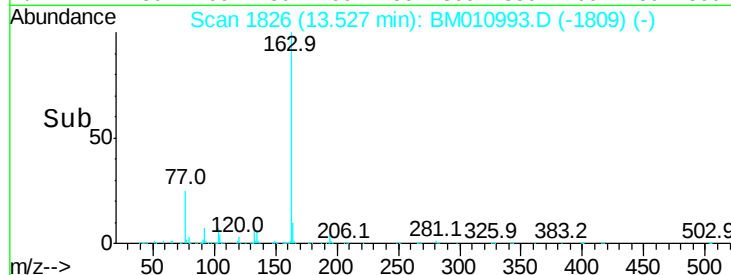
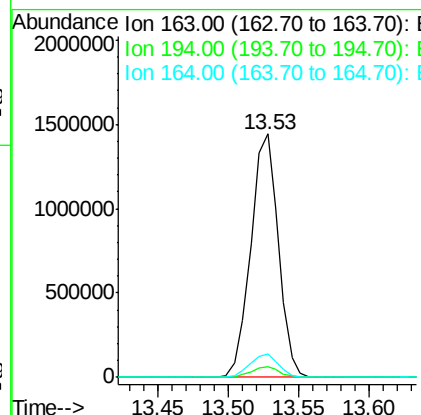
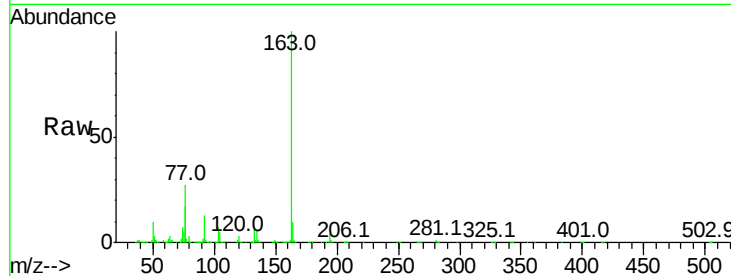
#49
Dimethylphthalate
Concen: 40.360 ng
RT: 13.53 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.8	8.2	12.2

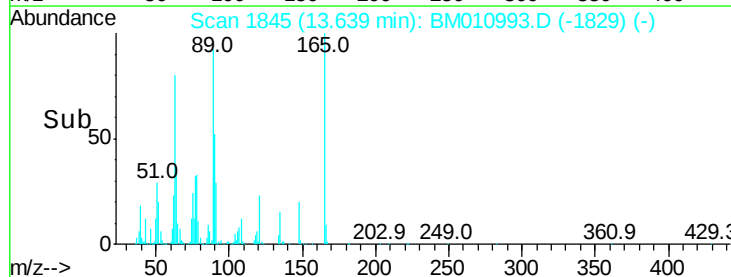
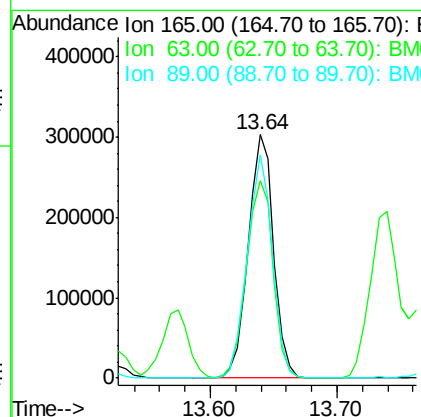
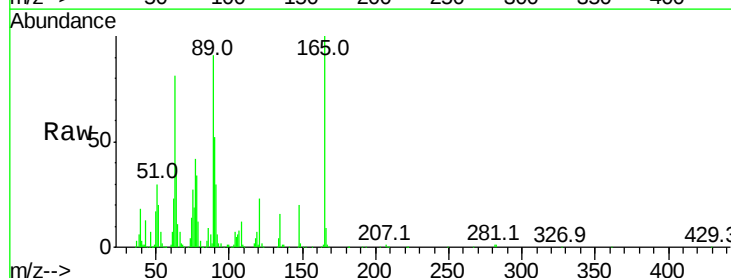
Manual Integrations
APPROVED

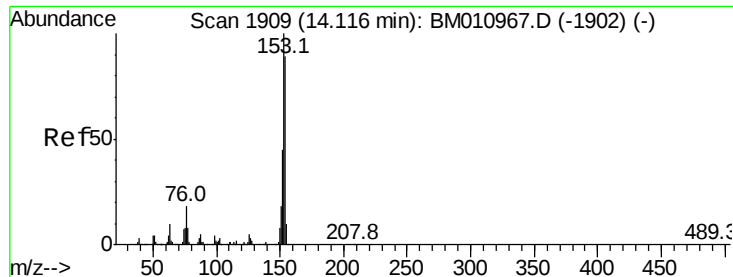
Sohil
7/27/2017 6:21:45 PM



#50
2,6-Dinitrotoluene
Concen: 42.126 ng
RT: 13.64 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.0	44.1	66.1#
89	91.5	44.3	66.5#





#51

Acenaphthene

Concen: 37.970 ng

RT: 14.12 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

BU-02-072117-AMS

Tot Ion:154 Resp: 1283034

Ion Ratio Lower Upper

154 100

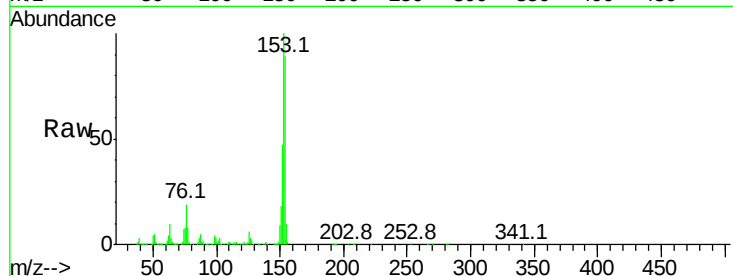
153 112.9 90.0 135.0

152 52.9 42.6 63.8

Manual Integrations
APPROVED

Sohil

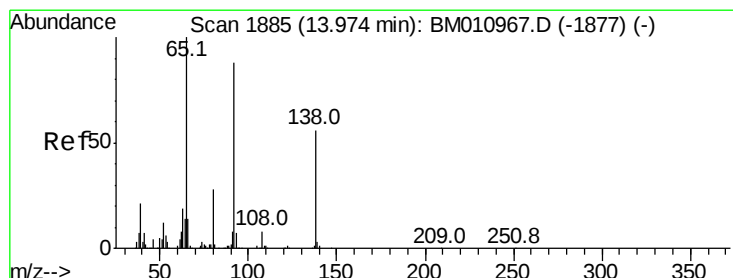
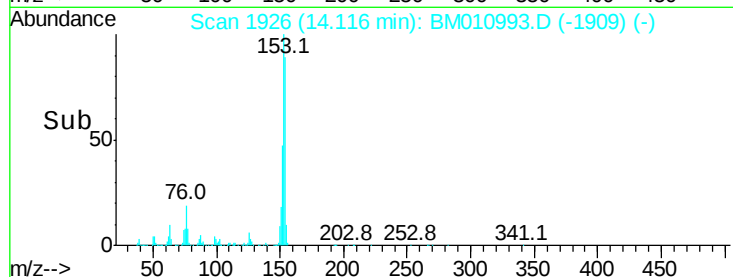
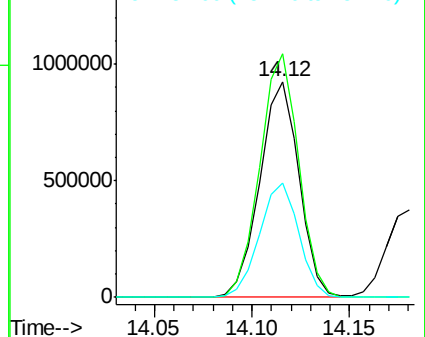
7/27/2017 6:21:45 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.192 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

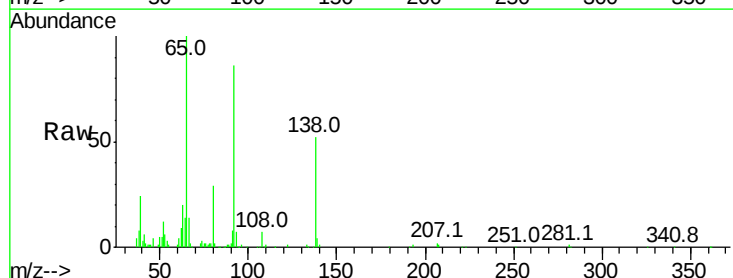
Tgt Ion:138 Resp: 156747

Ion Ratio Lower Upper

138 100

108 14.3 7.3 10.9#

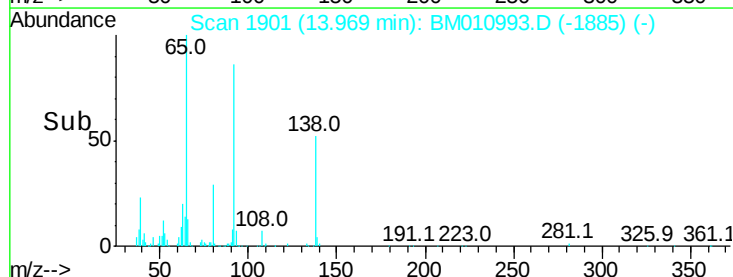
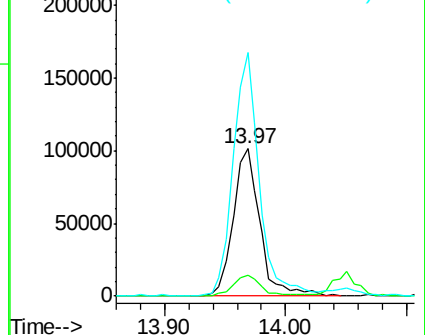
92 165.3 76.6 114.8#

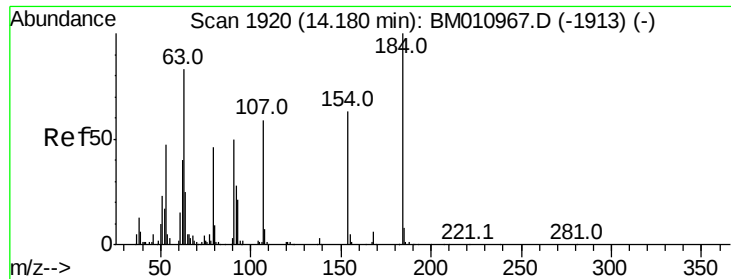


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





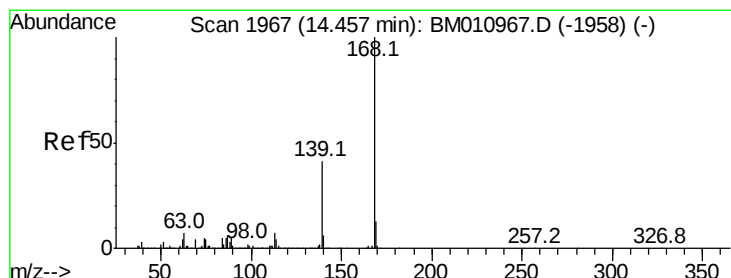
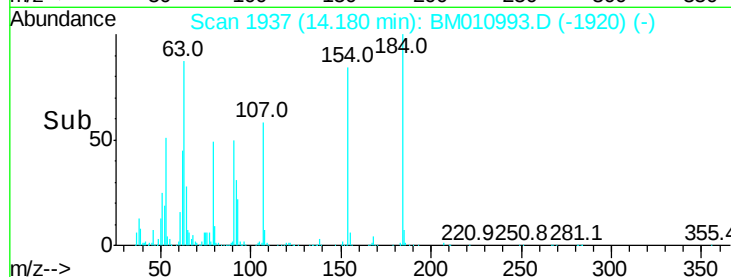
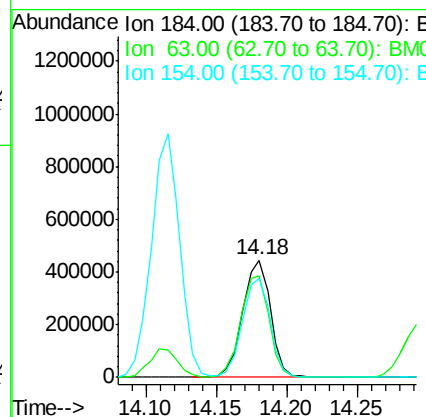
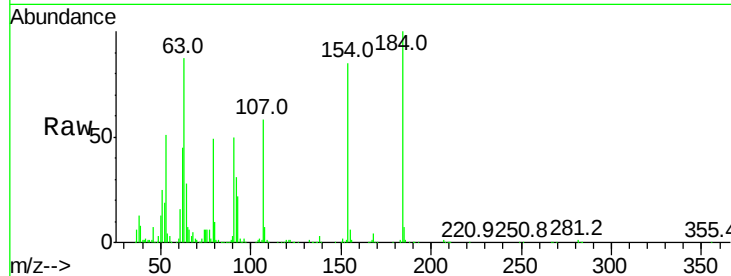
#53
2,4-Dinitrophenol
Concen: 86.768 ng
RT: 14.18 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.8	69.2	103.8
154	84.6	53.3	79.9

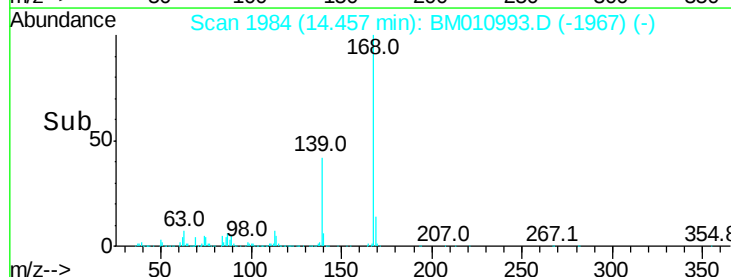
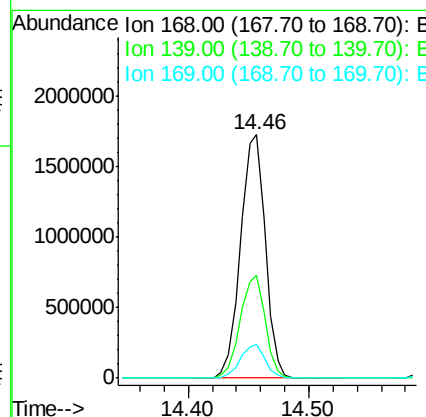
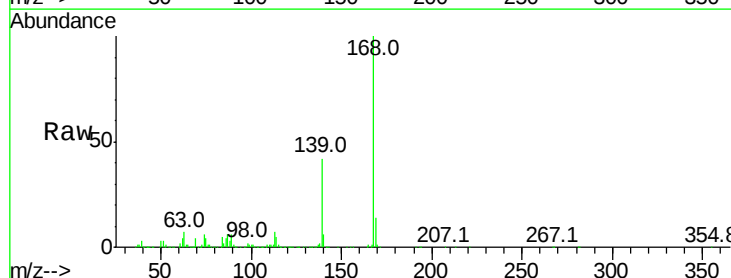
Manual Integrations
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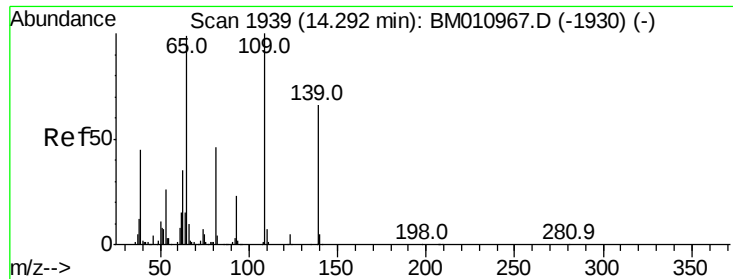
Sohil
7/27/2017 6:21:45 PM



#54
Dibenzofuran
Concen: 45.092 ng
RT: 14.46 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	27.3	40.9
169	13.8	10.6	16.0





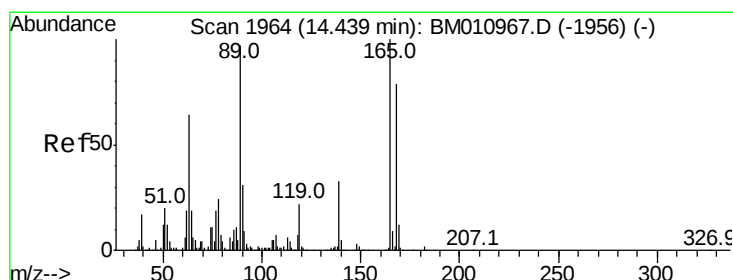
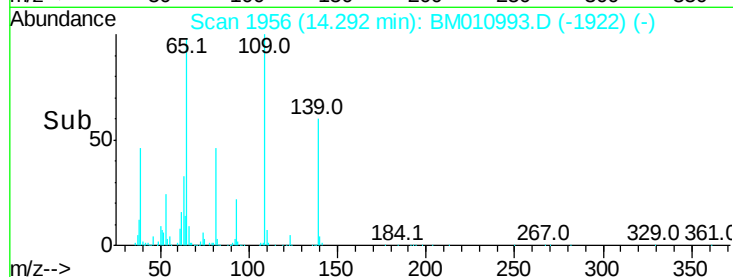
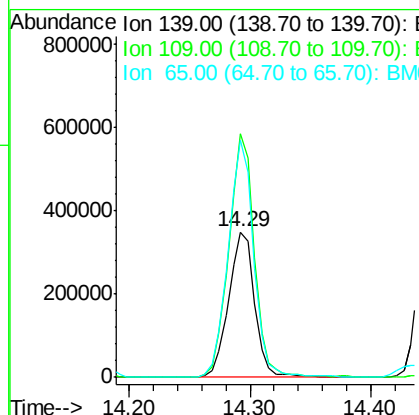
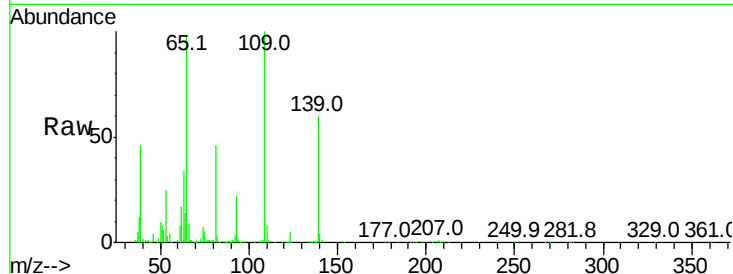
#55
4-Nitrophenol
Concen: 69.079 ng
RT: 14.29 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	167.2	130.0	170.0
65	163.2	130.0	170.0

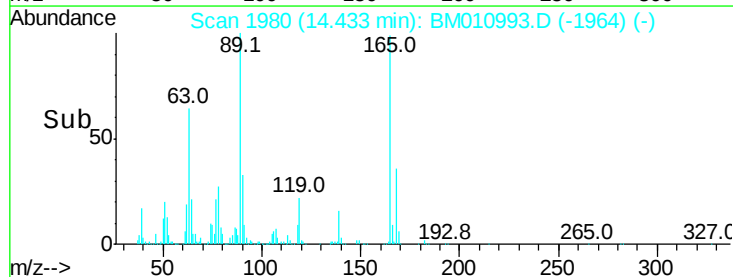
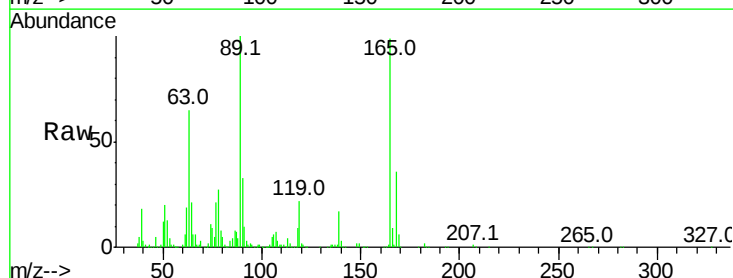
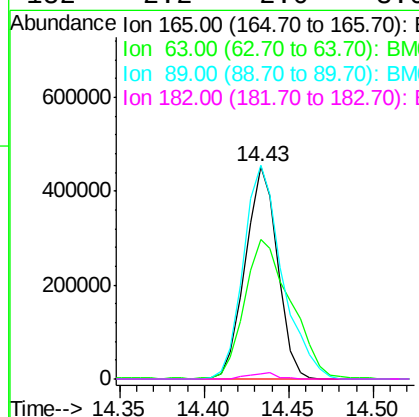
Manual Integrations
APPROVED

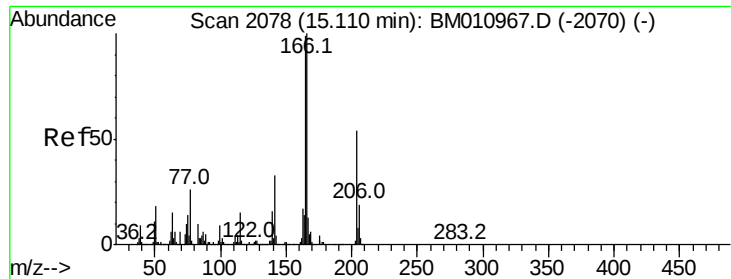
Sohil
7/27/2017 6:21:45 PM



#56
2,4-Dinitrotoluene
Concen: 43.237 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.7	52.4	78.6
89	100.7	72.4	108.6
182	2.2	2.0	3.0





#57
Fluorene
 Concen: 42.827 ng
 RT: 15.11 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

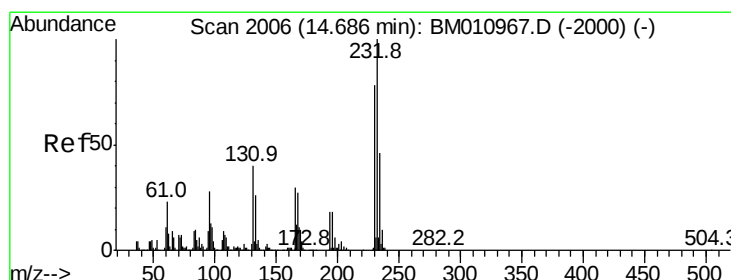
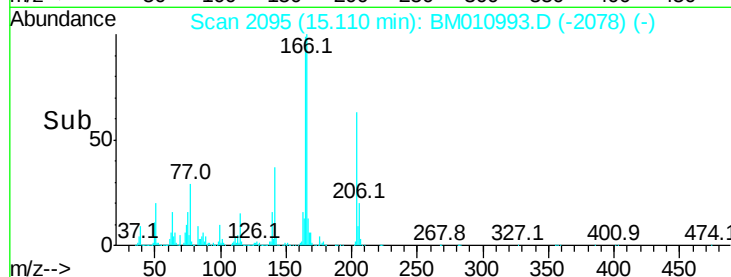
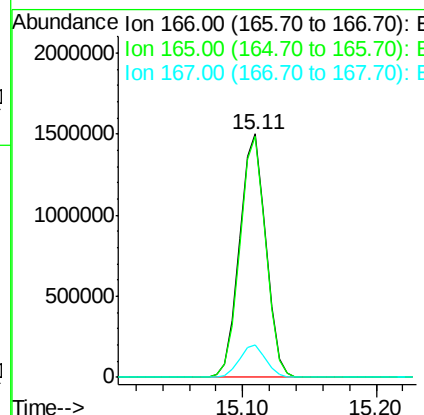
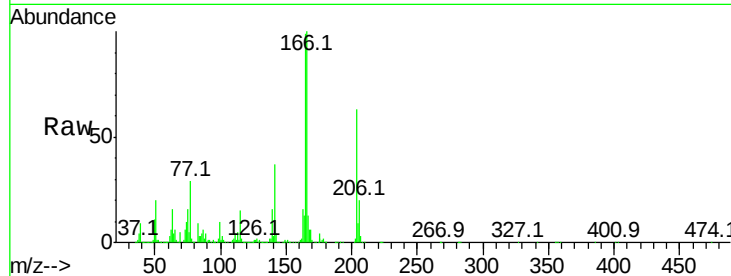
Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion:166 Resp: 2041547

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.3	10.3	15.5

Manual Integrations
APPROVED

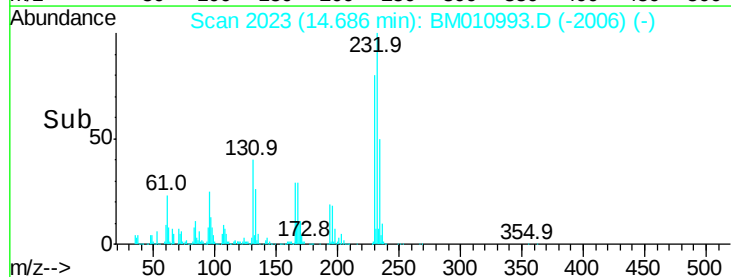
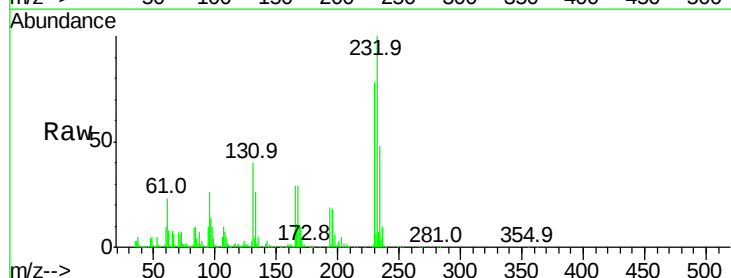
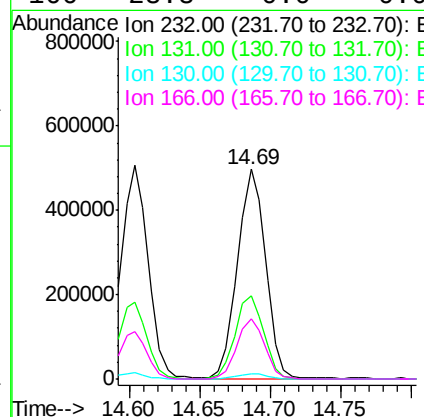
Sohil
 7/27/2017 6:21:45 PM

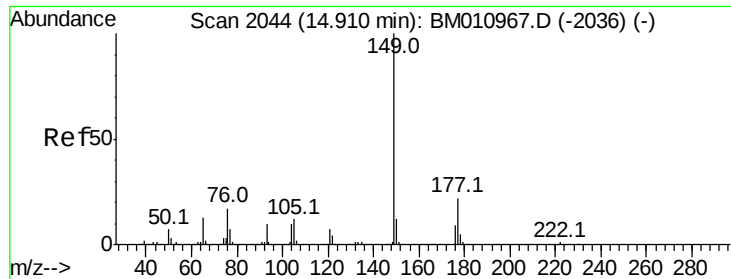


#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.976 ng
 RT: 14.69 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion:232 Resp: 691295

Ion	Ratio	Lower	Upper
232	100		
131	40.2	0.0	0.0#
130	2.8	0.0	0.0#
166	28.8	0.0	0.0#





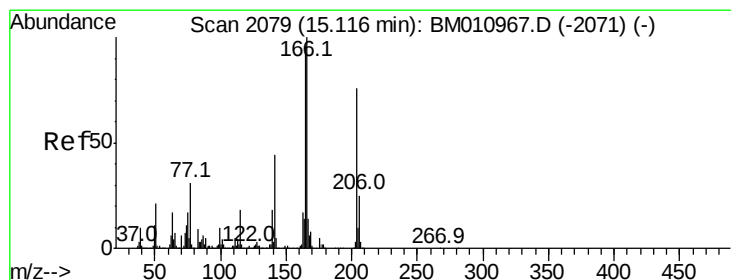
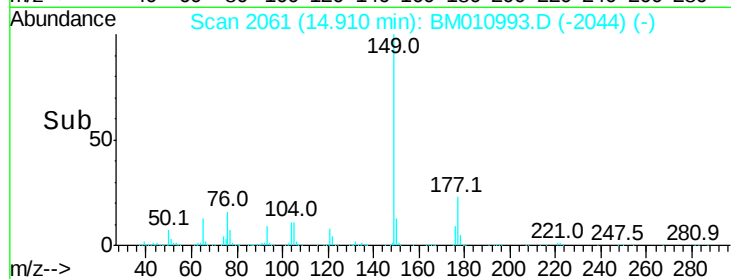
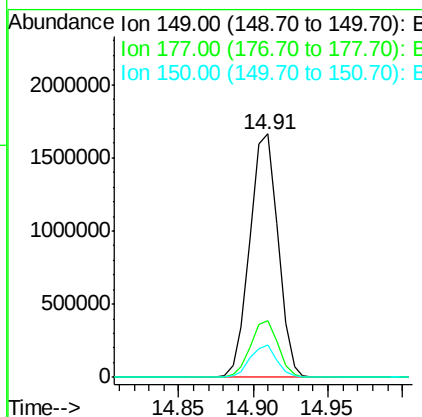
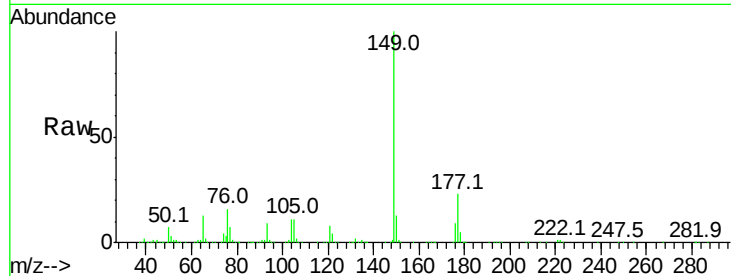
#59
Diethylphthalate
Concen: 43.306 ng
RT: 14.91 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.3	9.8	14.8

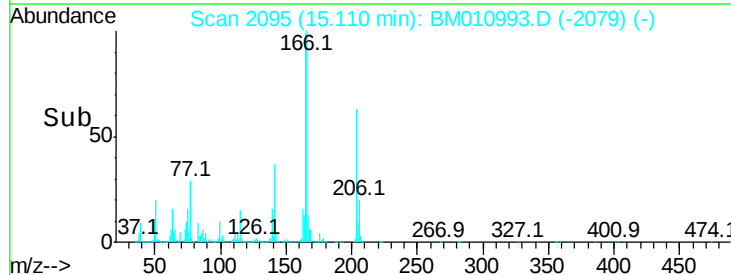
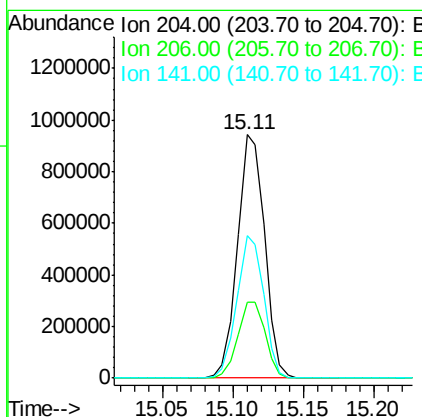
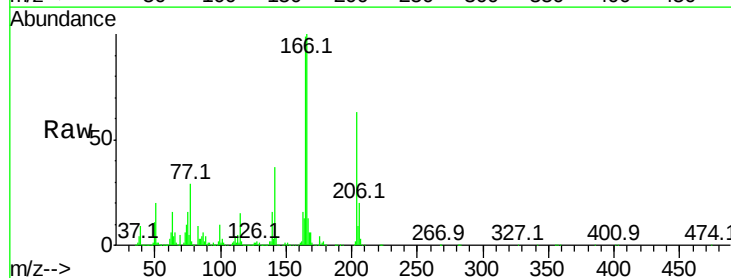
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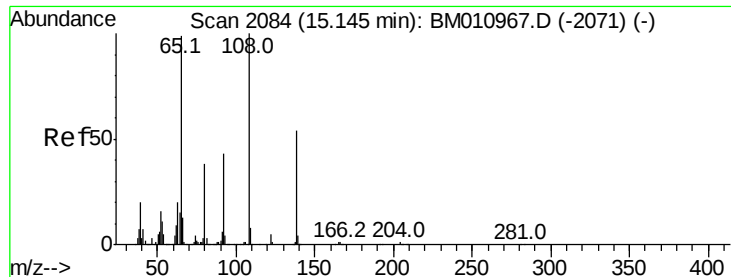
Sohil
7/27/2017 6:21:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.731 ng
RT: 15.11 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.6	39.8
141	58.7	45.2	67.8





#61

4-Nitroaniline

Concen: 15.275 ng

RT: 15.14 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

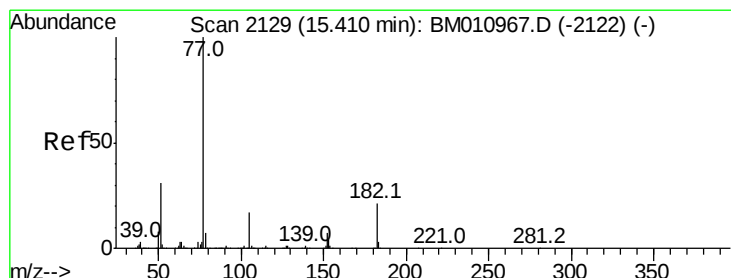
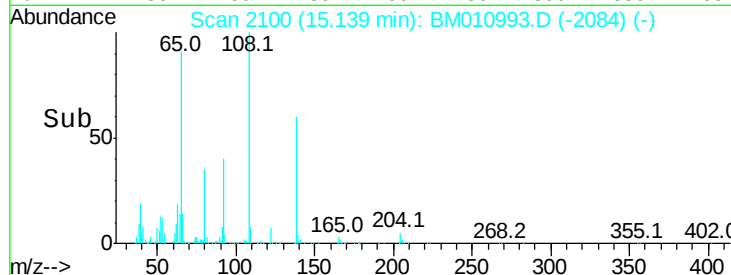
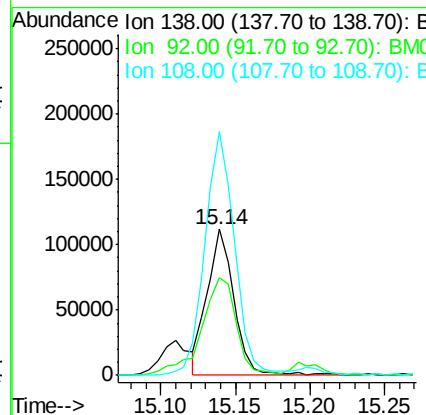
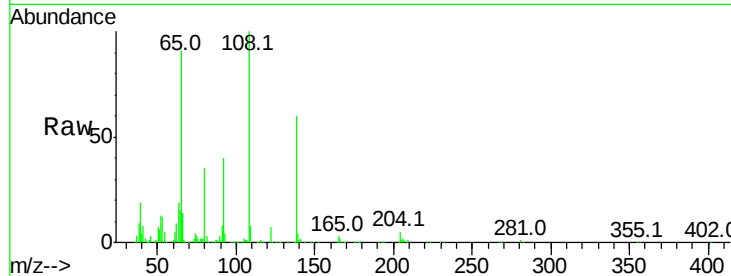
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.7	16.7	56.7#
108	166.4	37.6	77.6#

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#62

Azobenzene

Concen: 43.093 ng

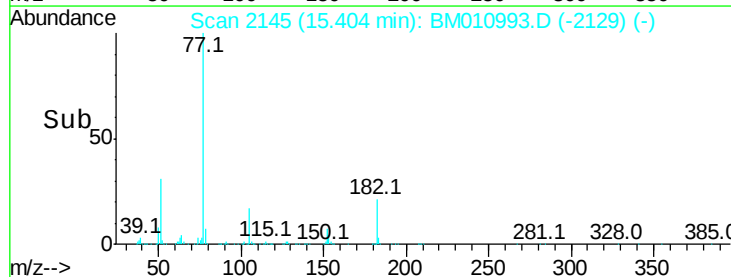
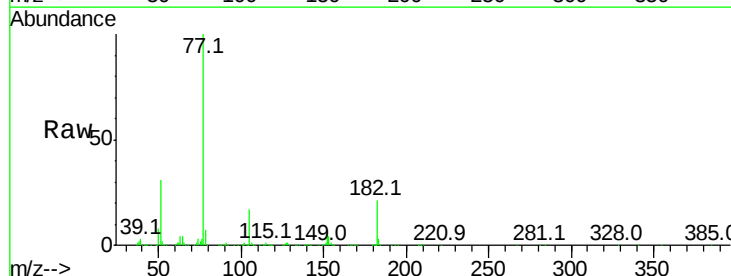
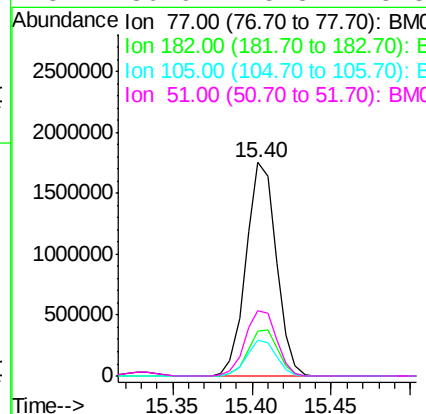
RT: 15.40 min Scan# 2145

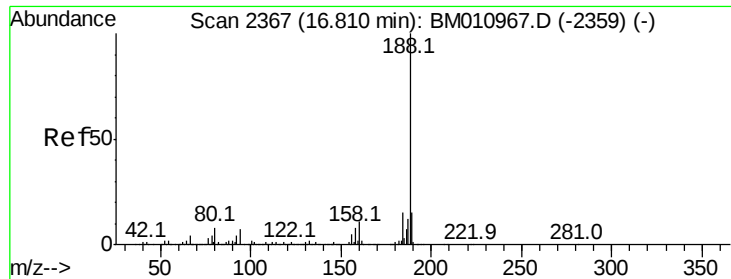
Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	6.5	46.5
105	16.8	3.8	43.8
51	30.9	5.5	45.5





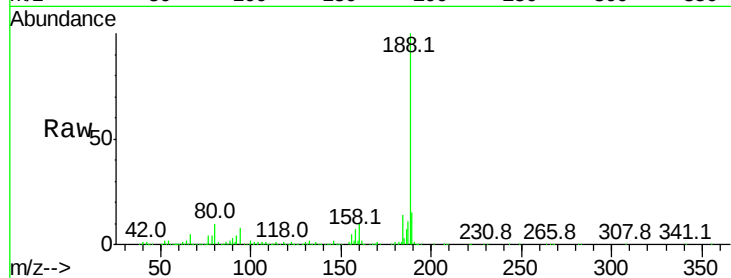
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

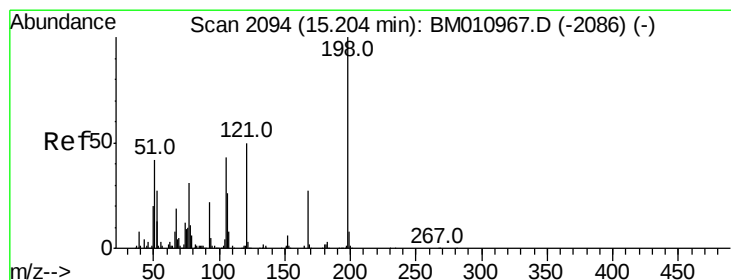
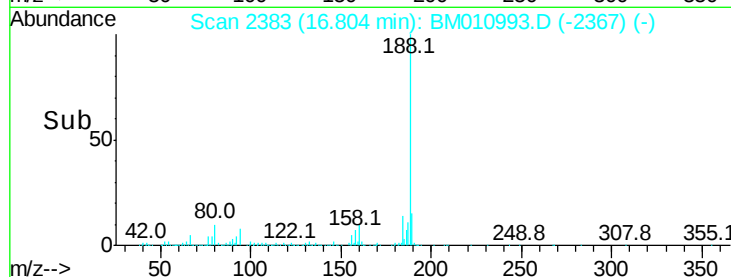
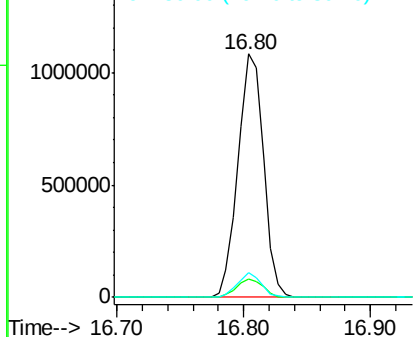
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	10.3	9.3	13.9

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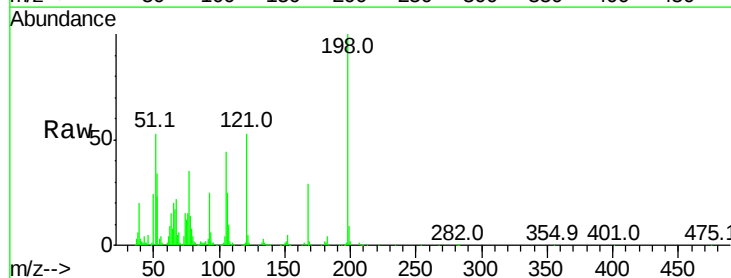


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0

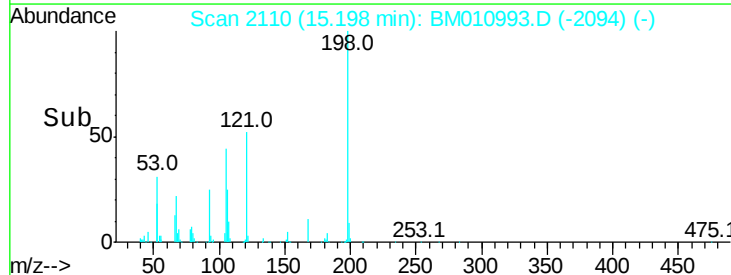
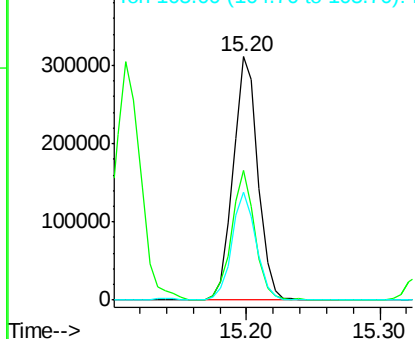


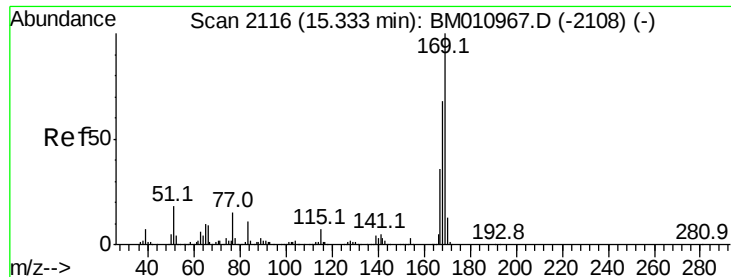
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.408 ng
 RT: 15.20 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.3	28.8	68.8
105	44.1	30.5	70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E





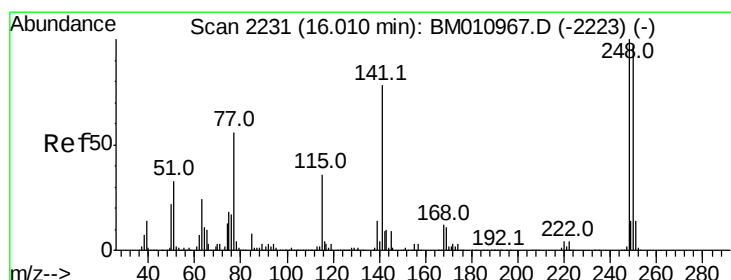
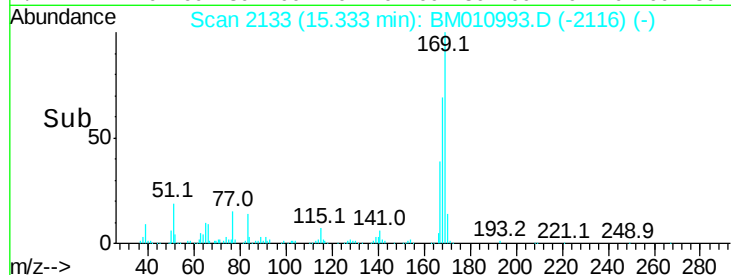
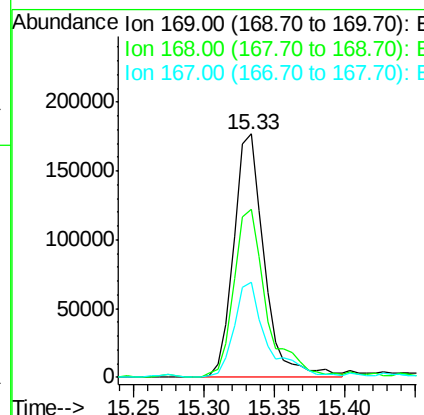
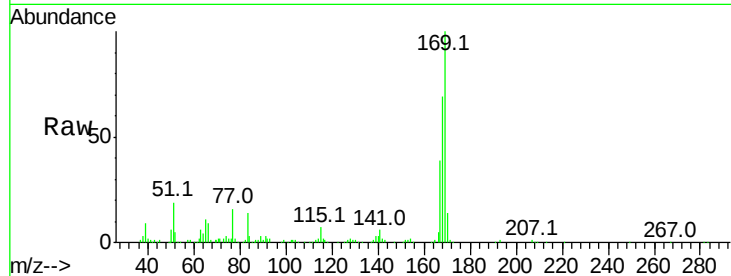
#65
n-Nitrosodiphenylamine
Concen: 6.209 ng
RT: 15.33 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	267851		
168	69.3	53.9	80.9	
167	39.2	28.9	43.3	

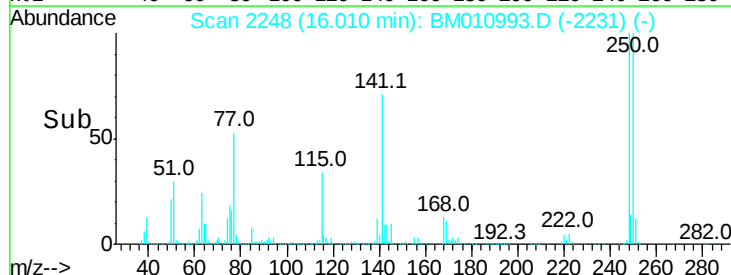
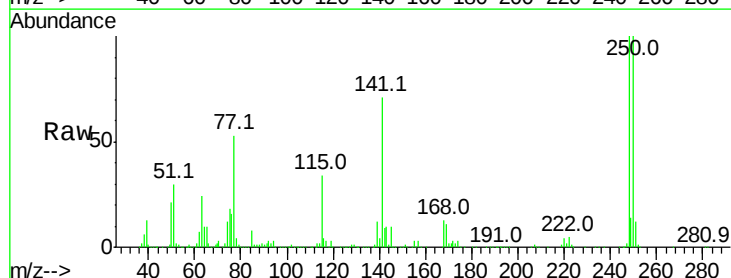
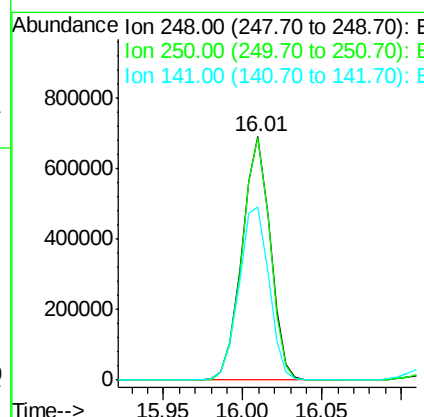
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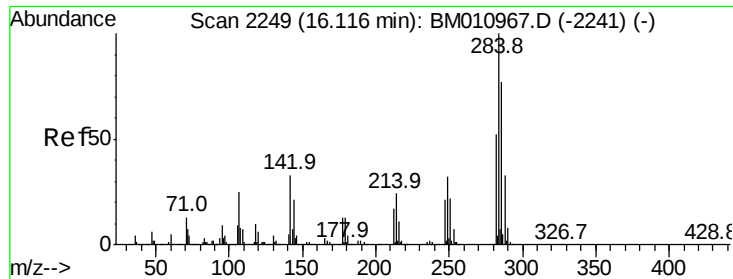
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.995 ng
RT: 16.01 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	852482		
250	99.5	77.4	116.0	
141	71.2	45.2	67.8#	





#67

Hexachlorobenzene

Concen: 40.093 ng

RT: 16.12 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

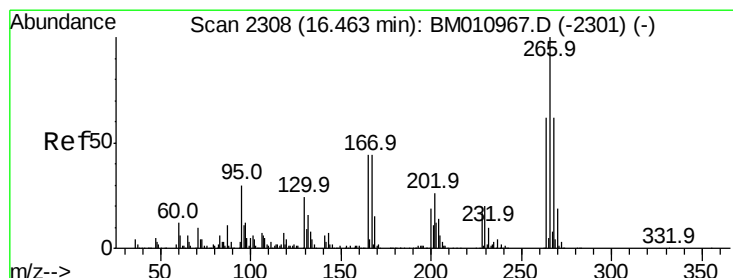
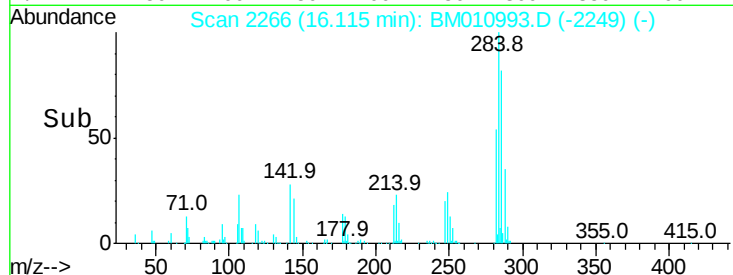
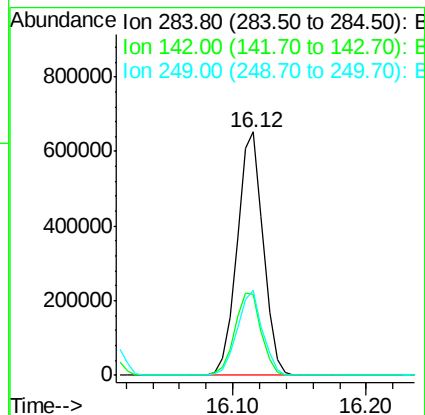
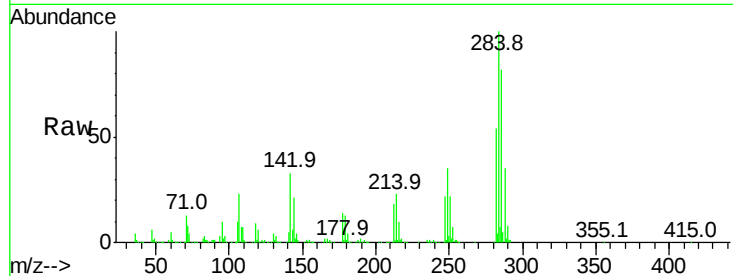
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Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	20.4	30.6#
249	34.8	23.8	35.6

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#69

Pentachlorophenol

Concen: 79.058 ng

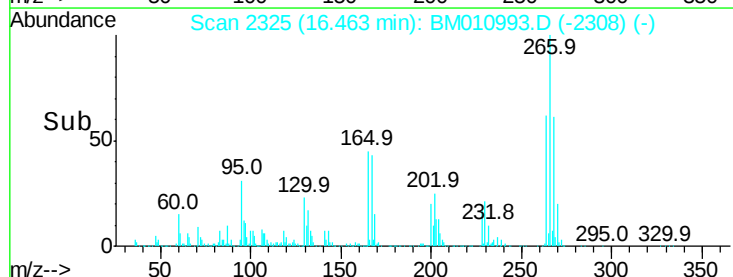
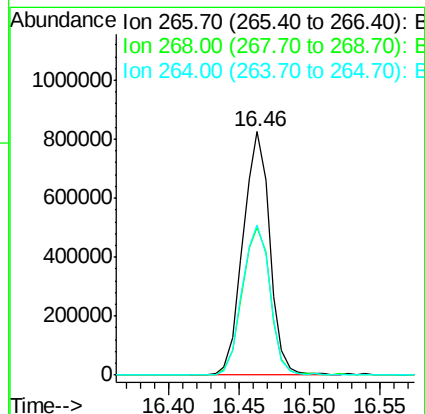
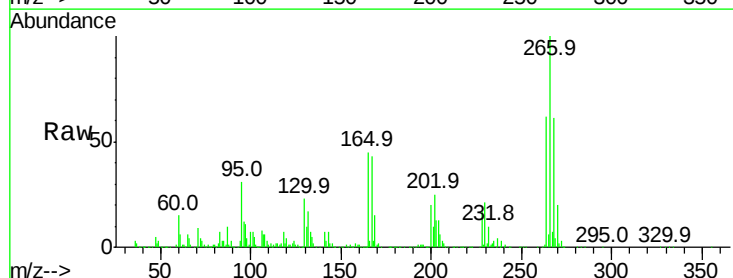
RT: 16.46 min Scan# 2325

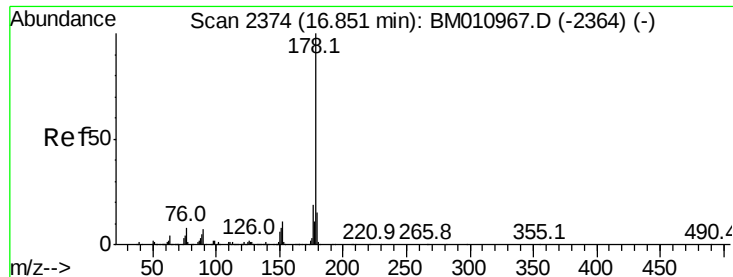
Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	52.0	78.0
264	61.5	49.0	73.4





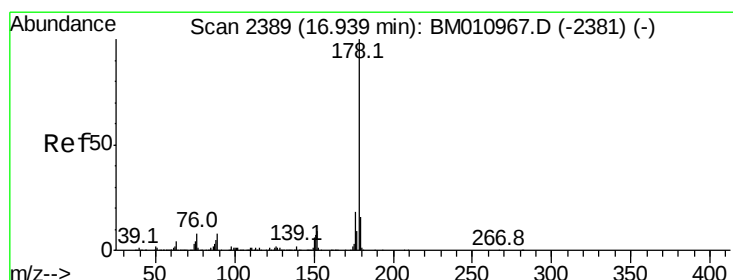
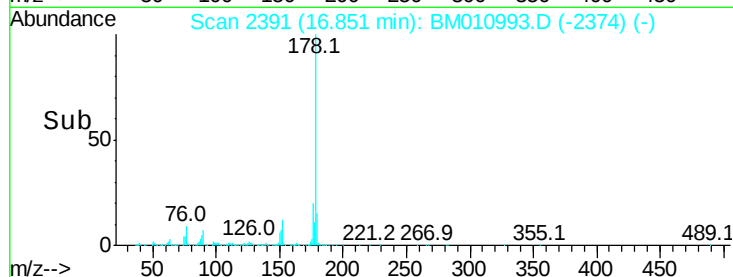
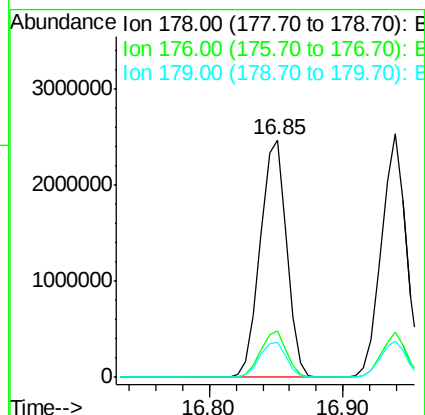
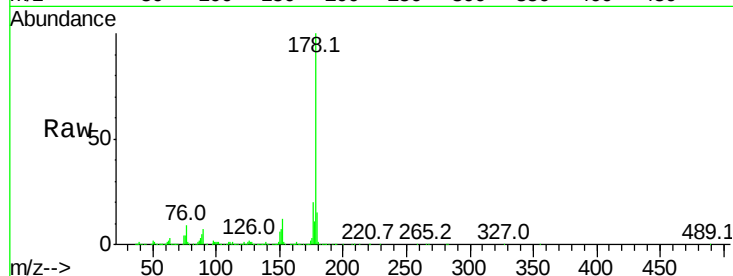
#70
Phenanthrene
Concen: 42.594 ng
RT: 16.85 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	14.9	12.1	18.1

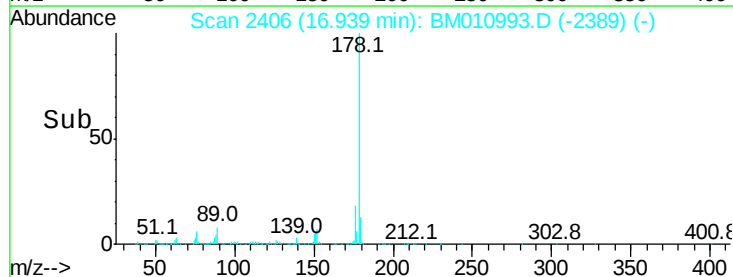
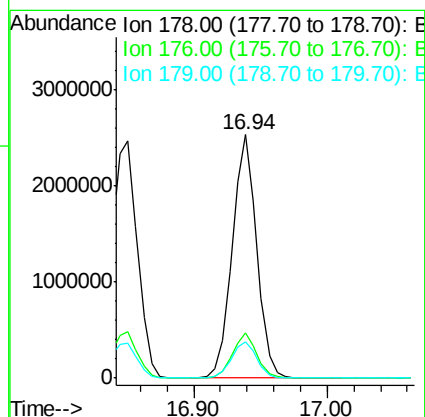
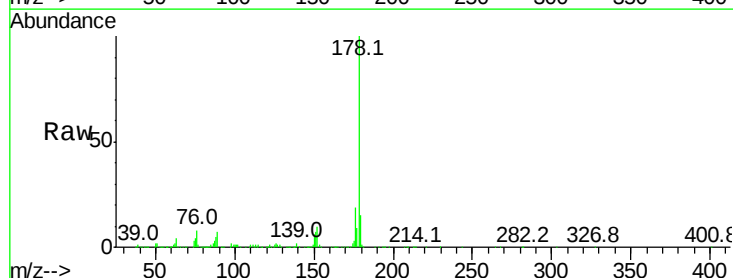
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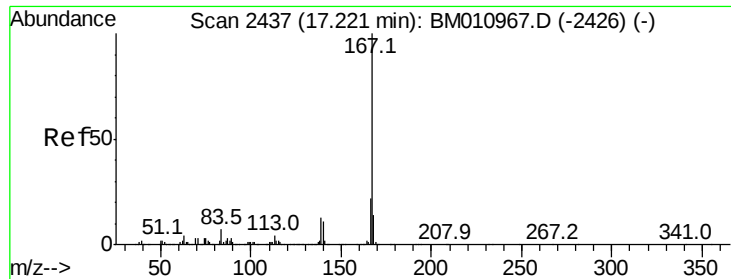
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#71
Anthracene
Concen: 41.073 ng
RT: 16.94 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.0	12.6	19.0





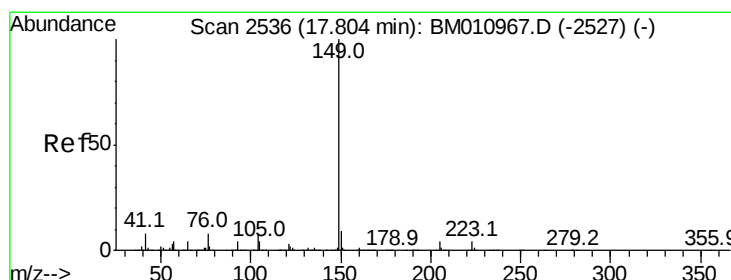
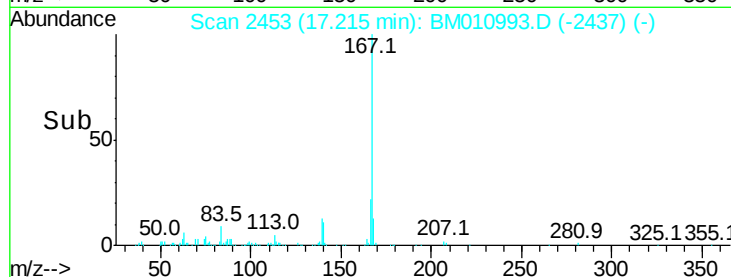
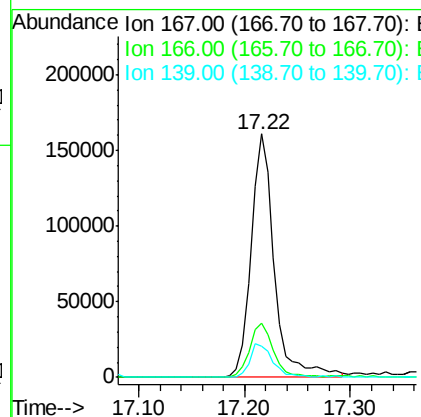
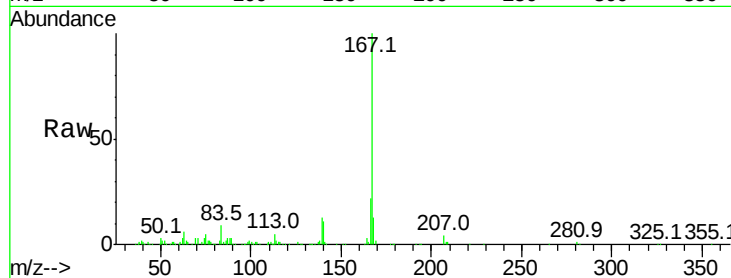
#72
 Carbazole
 Concen: 3.575 ng
 RT: 17.22 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-072117-AMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.1	17.2	25.8	
139	12.8	10.8	16.2	

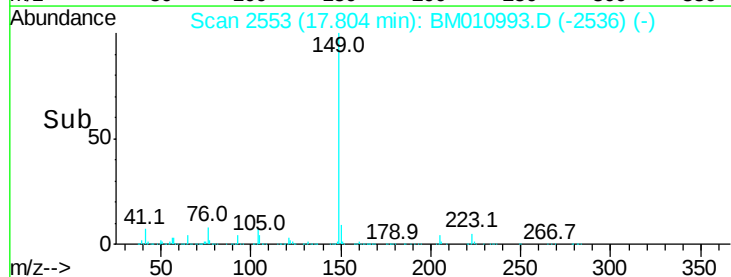
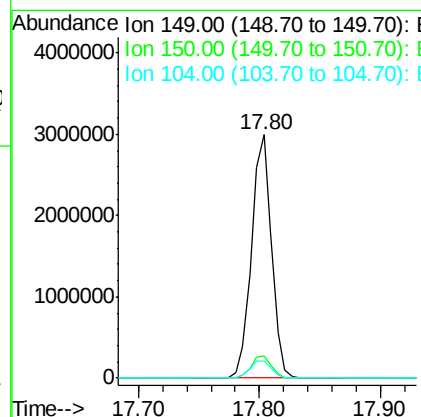
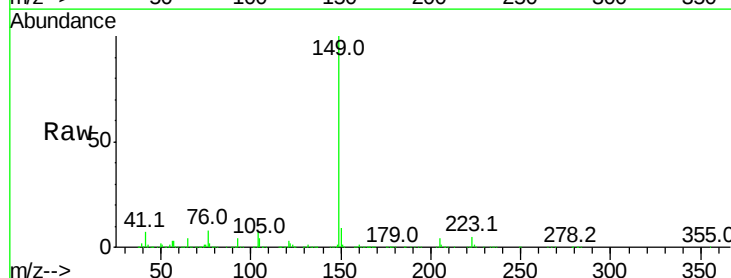
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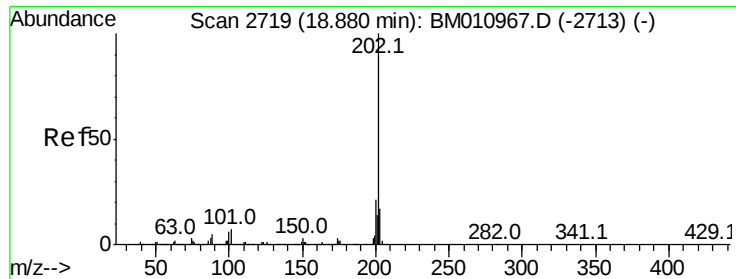
Sohil
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#73
 Di-n-butylphthalate
 Concen: 41.215 ng
 RT: 17.80 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM010993.D
 Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.5	11.3	
104	7.0	3.7	5.5	





#74

Fluoranthene

Concen: 37.910 ng

RT: 18.88 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

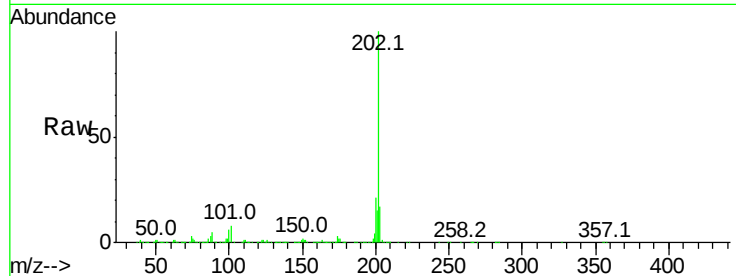
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.7
203	17.3	0.0	37.2

Manual Integrations
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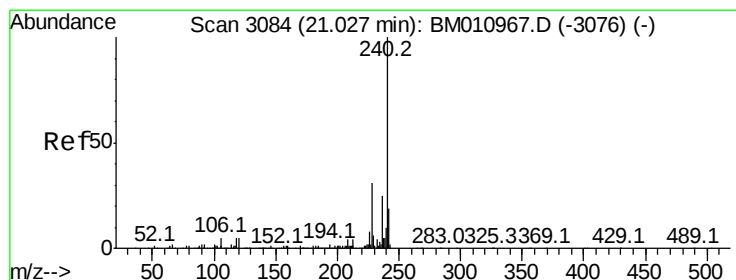
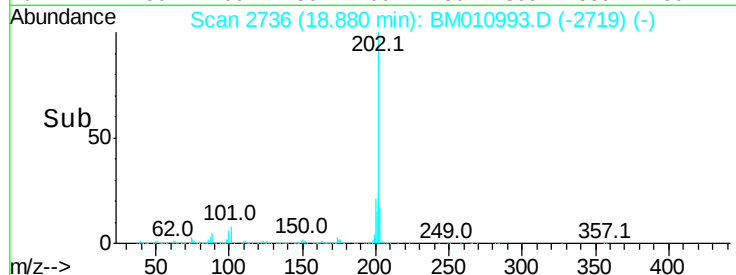
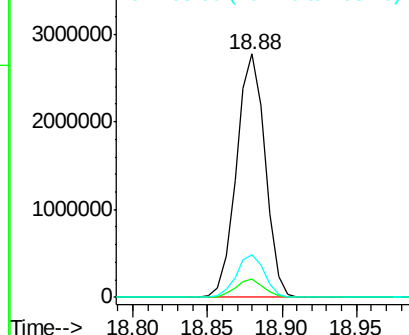
7/27/2017 6:21:45 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM010993.D

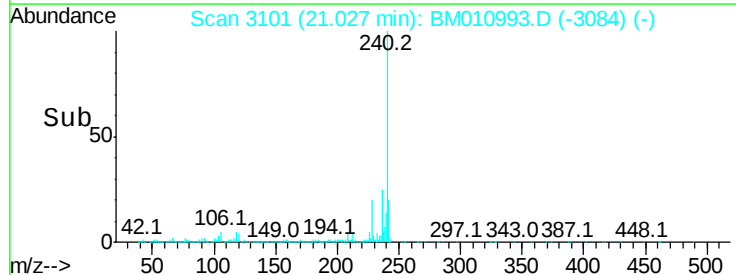
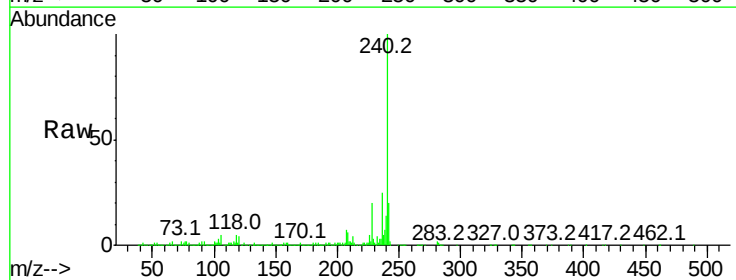
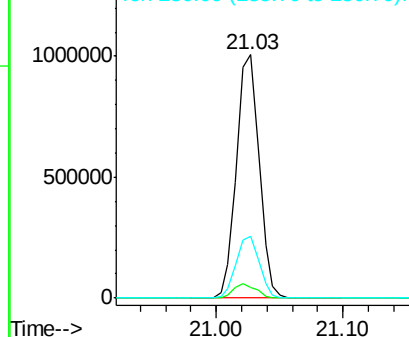
Acq: 27 Jul 2017 04:35

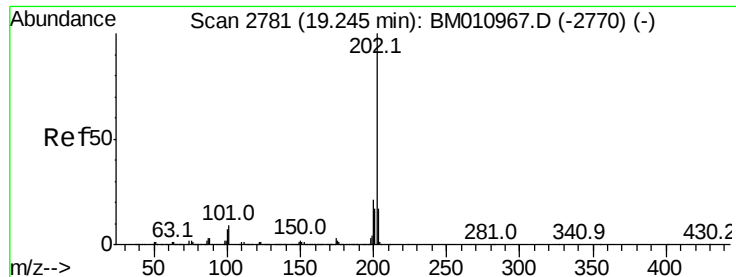
Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.4	8.2	12.2#
236	25.3	20.0	30.0

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 39.857 ng

RT: 19.24 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

ClientSampleId :

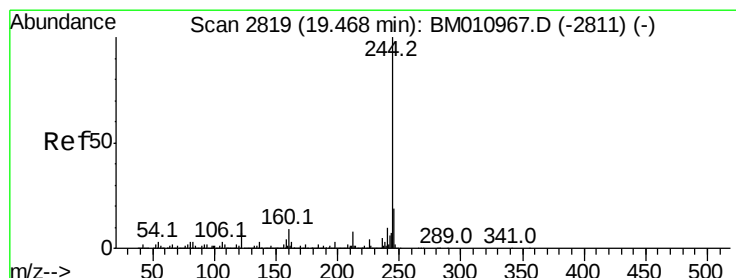
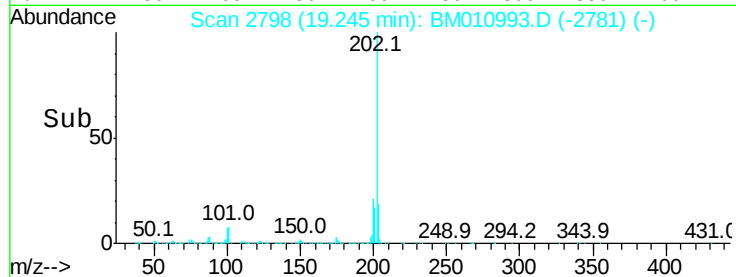
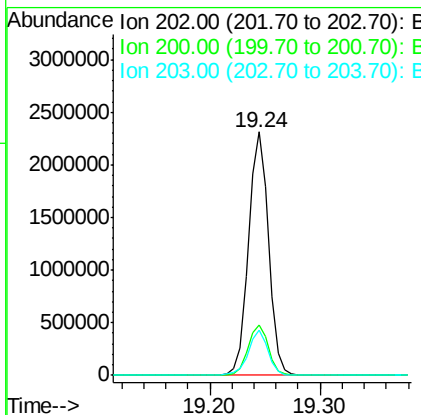
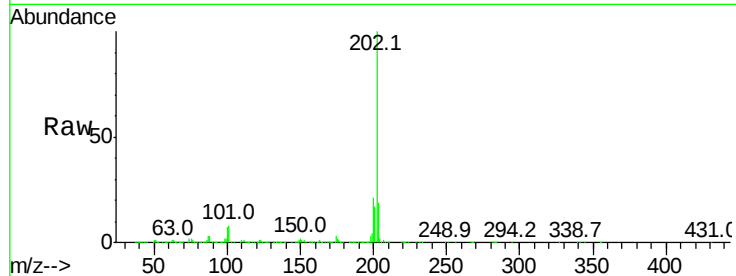
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Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.6	14.1	21.1

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#78

Terphenyl-d14

Concen: 98.115 ng

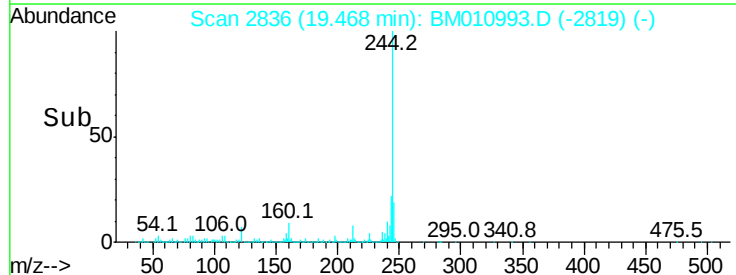
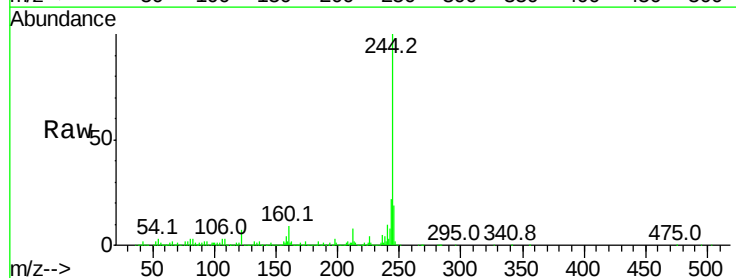
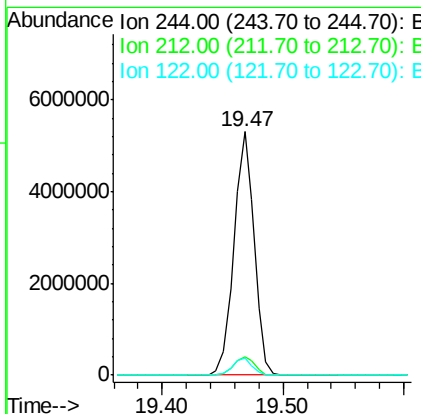
RT: 19.47 min Scan# 2836

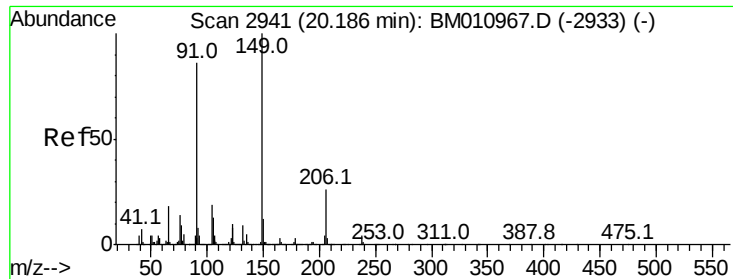
Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	7.0	6.2	9.4





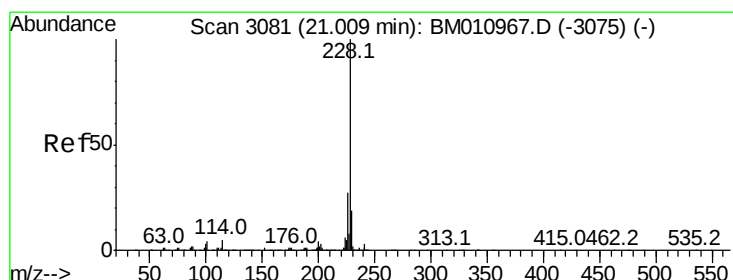
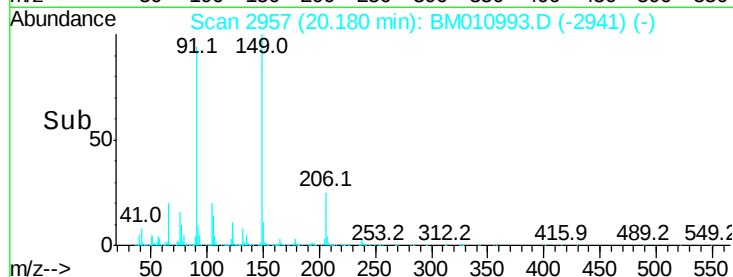
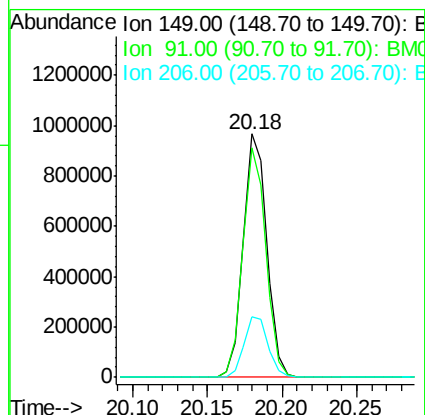
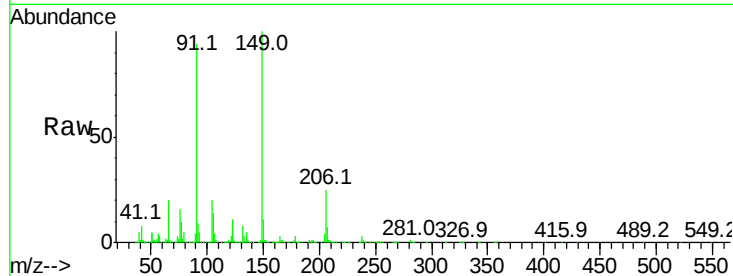
#79
Butylbenzylphthalate
Concen: 40.146 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	94.0	50.1	75.1#
206	24.7	16.2	24.2#

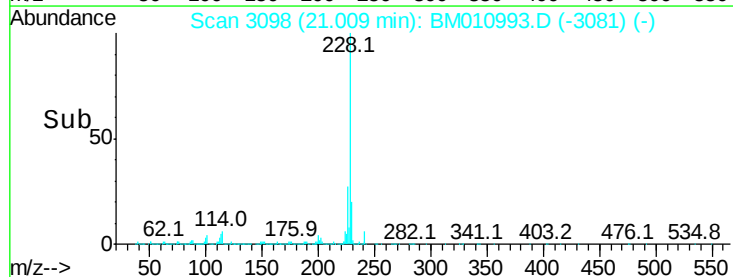
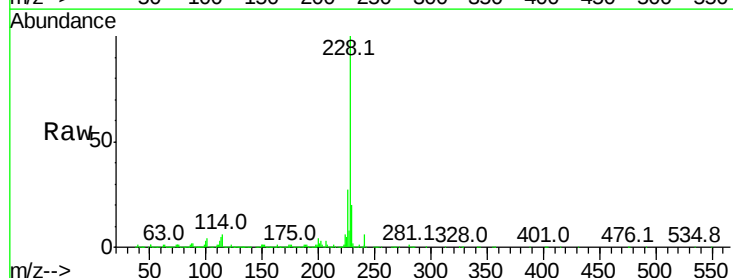
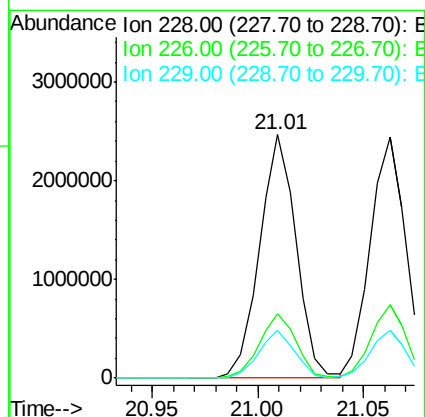
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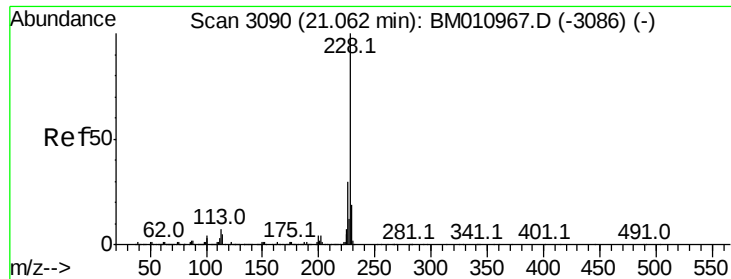
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#80
Benzo(a)anthracene
Concen: 41.742 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.7	16.0	24.0





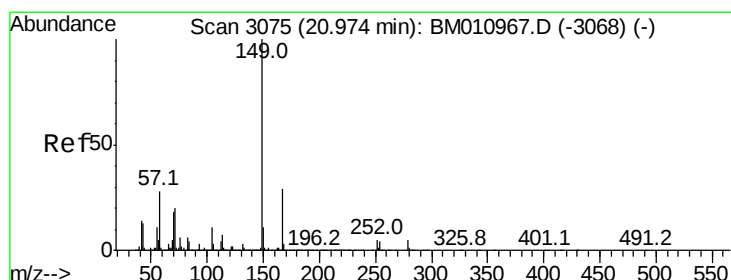
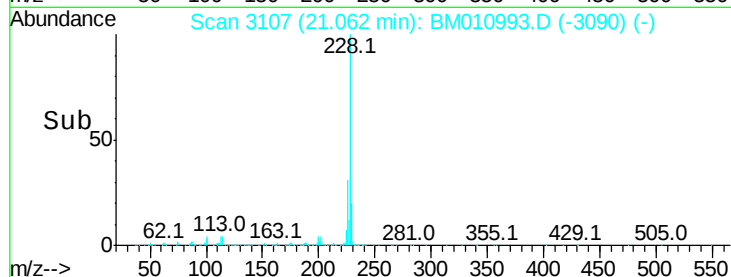
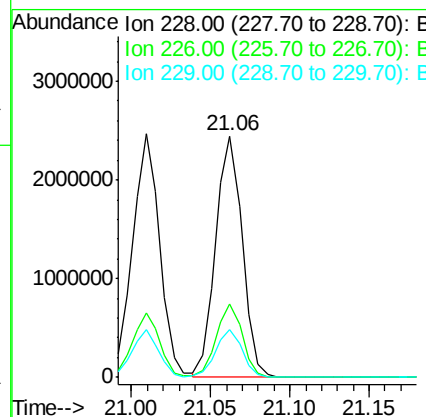
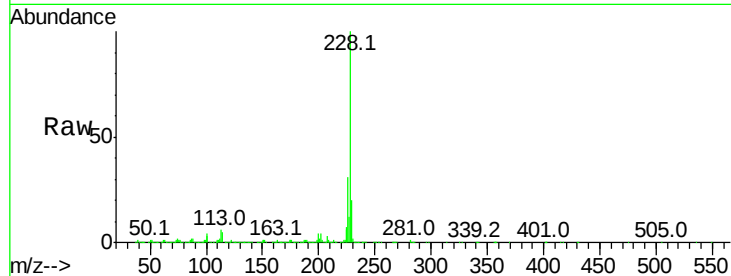
#82
Chrysene
Concen: 41.866 ng
RT: 21.06 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion:228 Resp: 285532
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.0 15.5 23.3

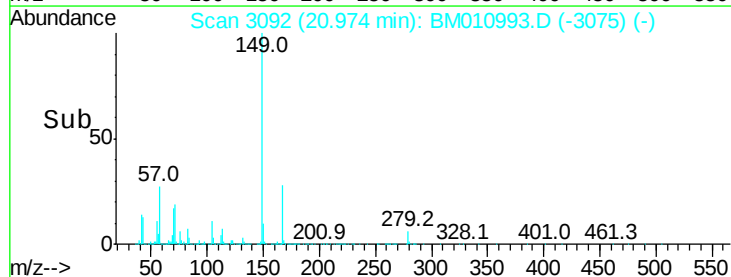
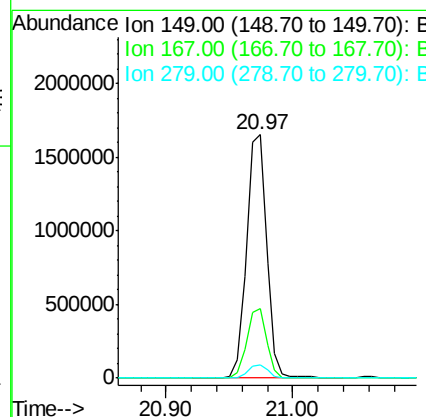
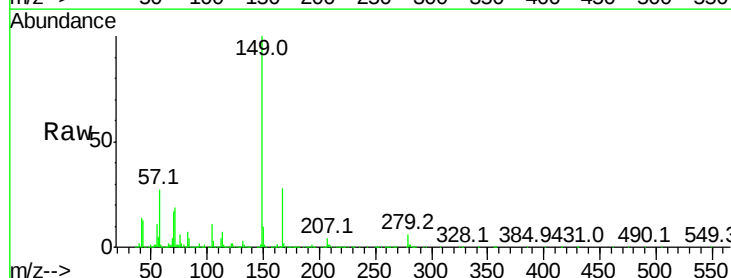
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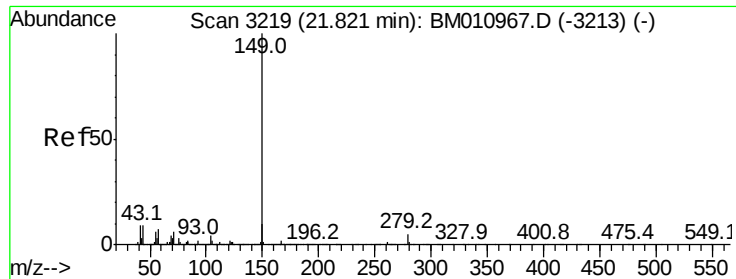
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#83
Bis(2-ethylhexyl)phthalate
Concen: 46.672 ng
RT: 20.97 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion:149 Resp: 1805289
Ion Ratio Lower Upper
149 100
167 28.3 22.4 33.6
279 5.7 3.4 5.0#





#84

Di-n-octyl phthalate

Concen: 41.862 ng

RT: 21.82 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

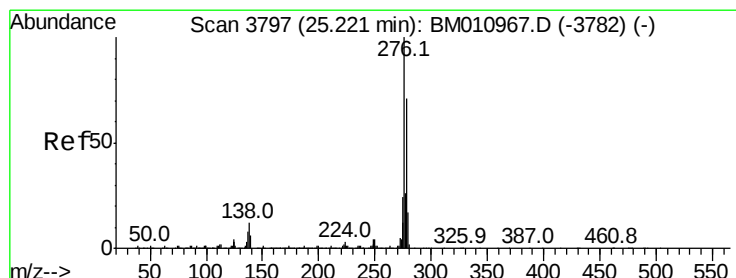
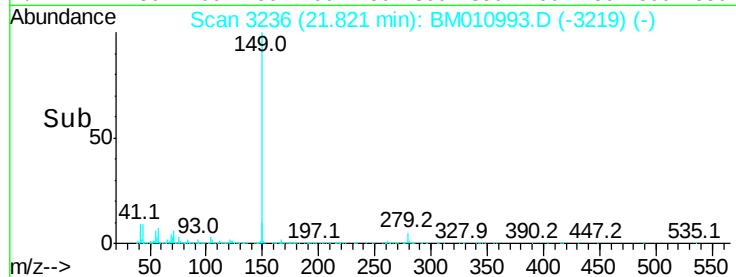
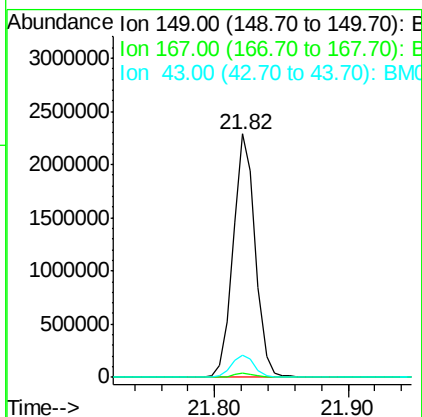
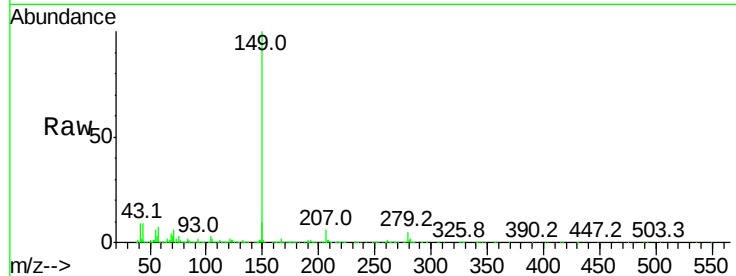
ClientSampleId :

BU-02-072117-AMS

Tot Ion:	149	Resp:	2628067
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	7.3	10.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 21.581 ng

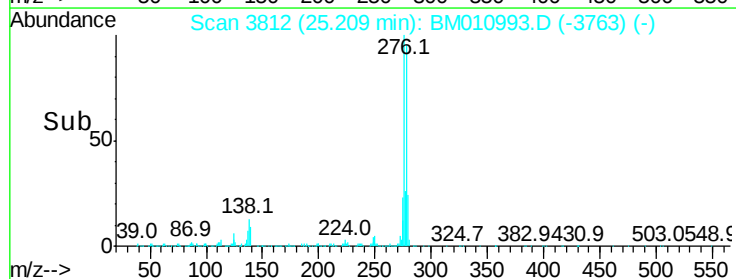
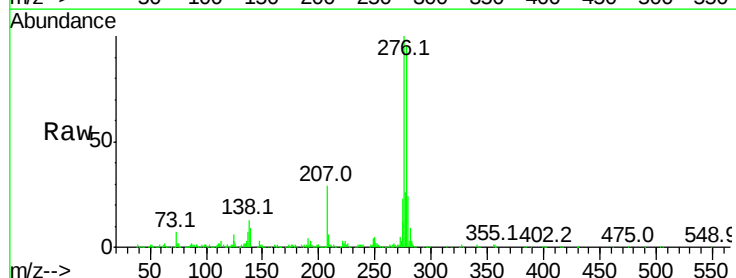
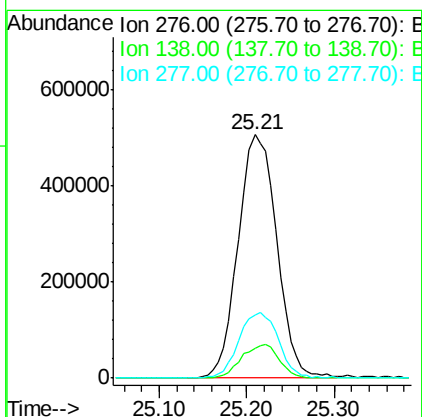
RT: 25.21 min Scan# 3812

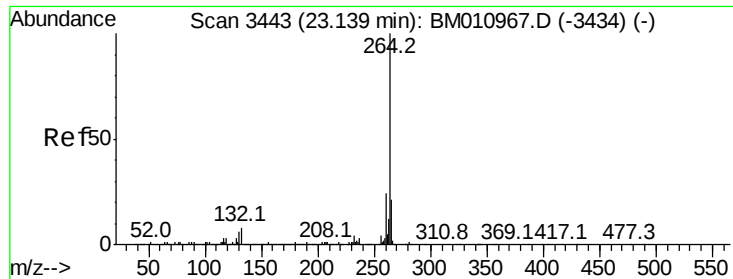
Delta R.T. -0.01 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion:	276	Resp:	1524418
Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.0	18.0
277	27.6	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Instrument :

BNA_M

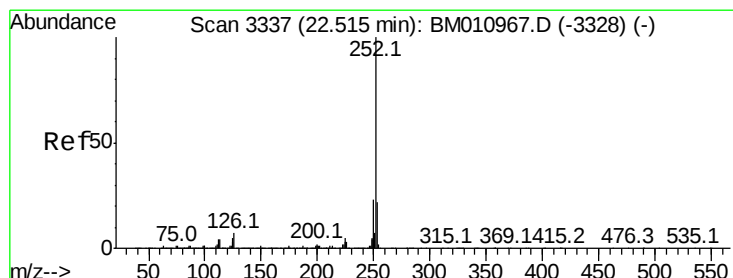
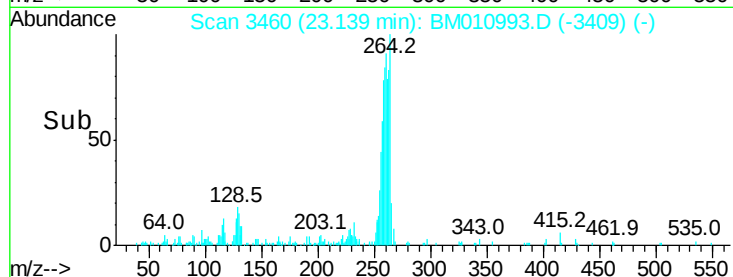
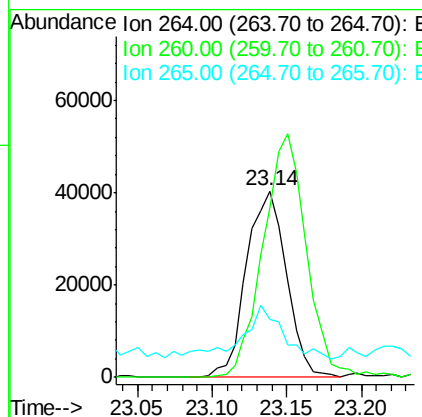
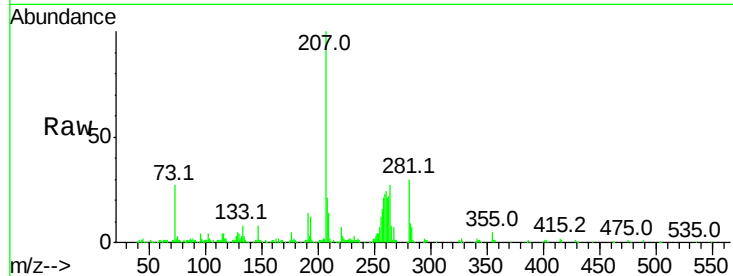
ClientSampleId :

BU-02-072117-AMS

Tot Ion:	264	Resp:	75074
Ion Ratio	Lower	Upper	
264	100		
260	90.6	18.6	27.8#
265	31.4	17.3	25.9#

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#87

Benzo(b)fluoranthene

Concen: 535.955 ng

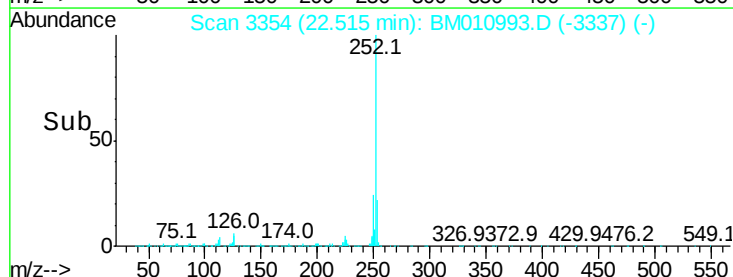
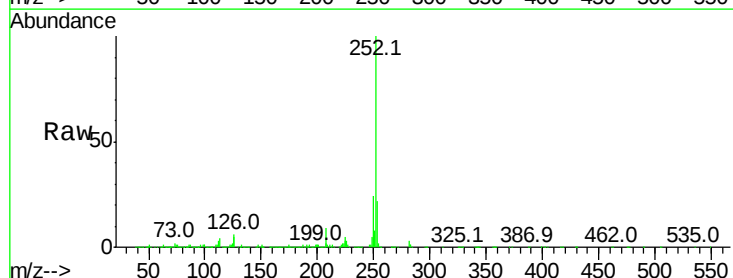
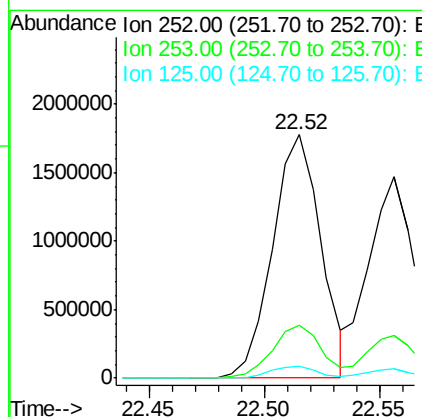
RT: 22.52 min Scan# 3354

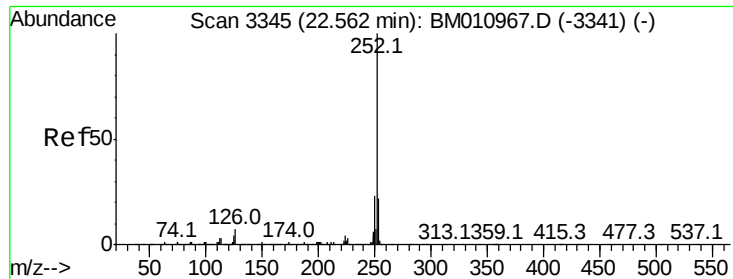
Delta R.T. -0.00 min

Lab File: BM010993.D

Acq: 27 Jul 2017 04:35

Tgt Ion:	252	Resp:	2582424
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	4.8	9.9	14.9#





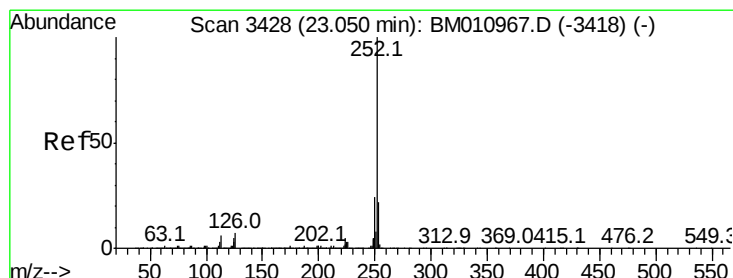
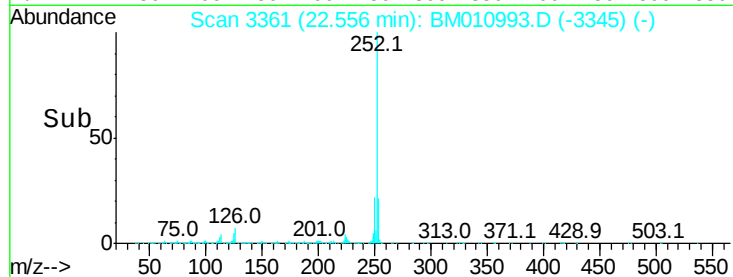
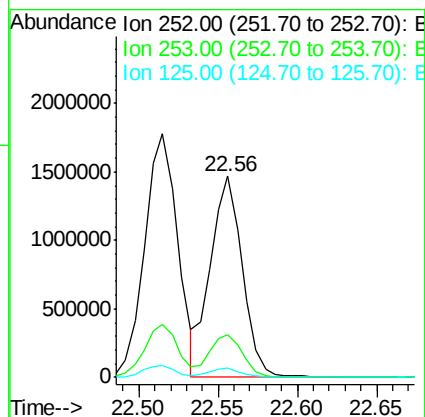
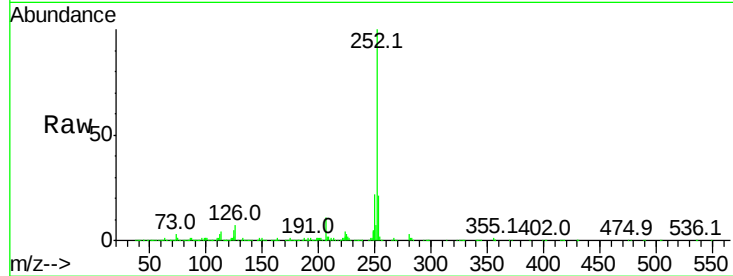
#88
Benzo(k)fluoranthene
Concen: 445.223 ng
RT: 22.56 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	4.5	8.1	12.1#

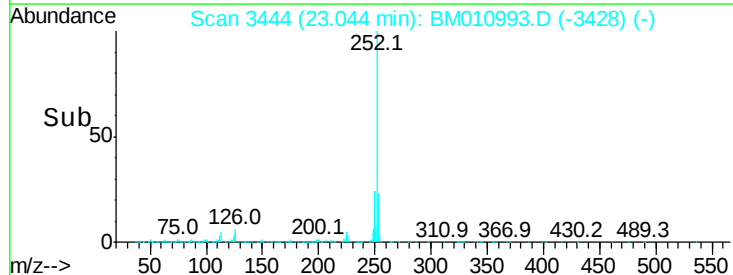
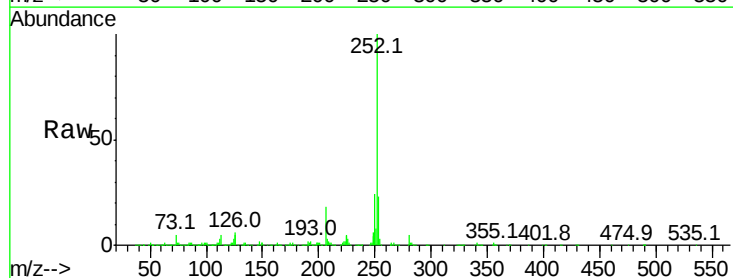
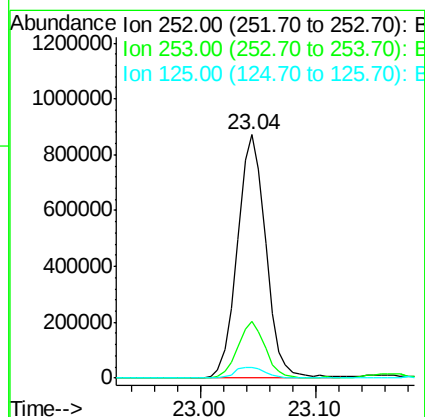
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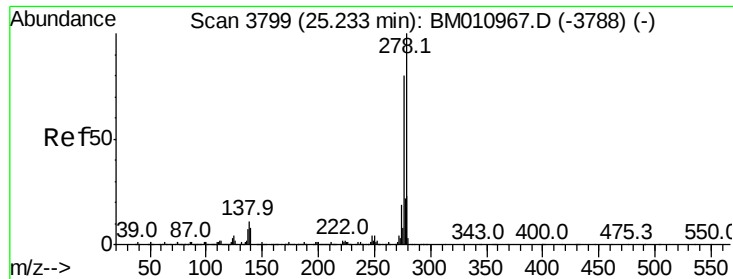
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#89
Benzo(a)pyrene
Concen: 339.878 ng
RT: 23.04 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	4.6	7.4	11.2#





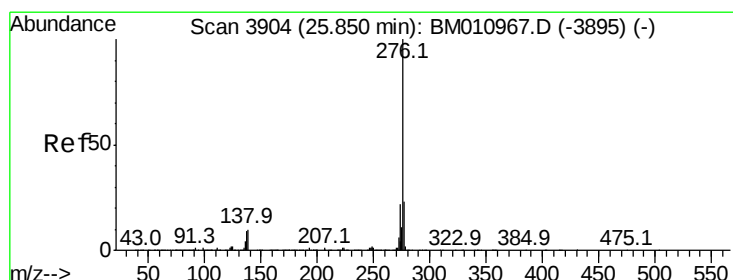
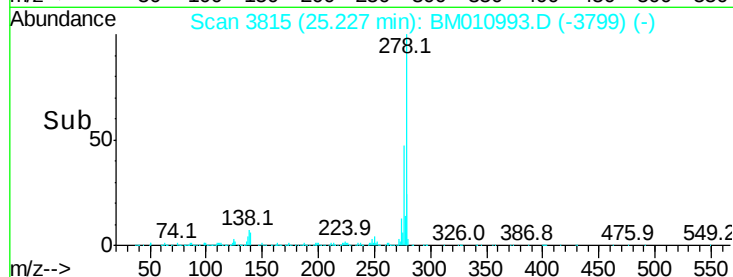
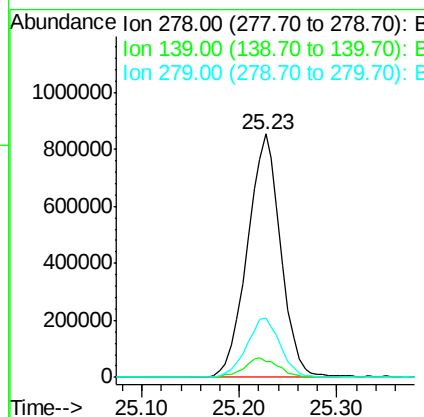
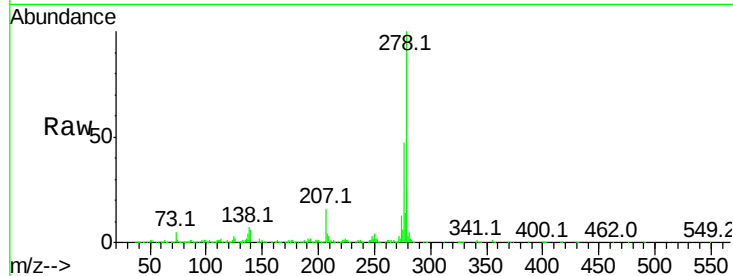
#90
Dibenzo(a,h)anthracene
Concen: 504.314 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.4	13.4	20.0#
279	24.2	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 328.169 ng
RT: 25.84 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM010993.D
Acq: 27 Jul 2017 04:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.5	27.7
138	10.5	19.0	28.6#

