

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015935.D
 Acq On : 13 Jul 2018 03:28
 Operator : SJ/JU
 Sample : PB111003BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Manual Integrations
 APPROVED

Sohil
 7/13/2018 2:50:19 PM

Quant Time: Jul 13 07:37:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	88303	20.00	ng	-0.03
21) Naphthalene-d8	11.11	136	346516	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	176171	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	345359	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	317924	20.00	ng	-0.02
86) Perylene-d12	24.13	264	302737	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	567156	110.15	ng	-0.02
7) Phenol-d6	7.44	99	721601	102.37	ng	-0.02
23) Nitrobenzene-d5	9.47	82	786738	110.78	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	233583	101.47	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1597698	112.59	ng	-0.03
78) Terphenyl-d14	20.20	244	1935689	112.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	87720	41.193	ng	# 100
3) Pyridine	3.99	79	234836	41.791	ng	# 75
4) n-Nitrosodimethylamine	3.90	42	215693	49.296	ng	# 42
6) Aniline	7.61	93	300677	35.183	ng	# 90
8) 2-Chlorophenol	7.85	128	321381	52.006	ng	96
9) Benzaldehyde	7.42	77	121415	27.328	ng	92
10) Phenol	7.47	94	369145	52.118	ng	94
11) bis(2-Chloroethyl)ether	7.70	93	269096	46.704	ng	87
12) 1,3-Dichlorobenzene	8.17	146	334495	48.820	ng	# 92
13) 1,4-Dichlorobenzene	8.32	146	343147	48.432	ng	96
14) 1,2-Dichlorobenzene	8.64	146	329798	48.130	ng	93
15) Benzyl Alcohol	8.54	79	283834	46.381	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.82	45	420827	66.877	ng	98
17) 2-Methylphenol	8.73	107	252735	51.504	ng	# 85
18) Hexachloroethane	9.37	117	141799	50.614	ng	96
19) n-Nitroso-di-n-propylamine	9.10	70	242300	42.771	ng	# 76
20) 3+4-Methylphenols	9.07	107	336944	49.434	ng	90
22) Acetophenone	9.13	105	453868	50.280	ng	# 87
24) Nitrobenzene	9.52	77	380547	55.046	ng	98
25) Isophorone	10.04	82	616786	56.899	ng	# 94
26) 2-Nitrophenol	10.23	139	165408	55.564	ng	# 59
27) 2,4-Dimethylphenol	10.27	122	273975	60.582	ng	# 85
28) bis(2-Chloroethoxy)methane	10.51	93	362823	51.375	ng	98
29) 2,4-Dichlorophenol	10.76	162	283908	56.683	ng	97
30) 1,2,4-Trichlorobenzene	10.97	180	307176	52.802	ng	97
31) Naphthalene	11.16	128	937497	52.183	ng	99
32) Benzoic acid	10.46	122	158836	39.670	ng	87
33) 4-Chloroaniline	11.28	127	206565	28.201	ng	# 87
34) Hexachlorobutadiene	11.42	225	202216	52.084	ng	99
35) Caprolactam	12.10	113	75730m	45.591	ng	
36) 4-Chloro-3-methylphenol	12.39	107	299328	52.084	ng	88
37) 2-Methylnaphthalene	12.75	142	685512	53.640	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	329148	58.212	ng	# 100
40) Hexachlorocyclopentadiene	13.07	237	340795	123.271	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	209573	58.635	nq	97
43) 2,4,5-Trichlorophenol	13.43	196	216676	56.119	nq #	85
45) 1,1'-Biphenyl	13.75	154	845224	55.491	nq	99
46) 2-Chloronaphthalene	13.80	162	650193	57.093	nq #	92
47) 2-Nitroaniline	14.01	65	216912	54.618	nq #	78
48) Acenaphthylene	14.63	152	1032781	55.747	nq	99
49) Dimethylphthalate	14.36	163	805108	51.819	nq	100
50) 2,6-Dinitrotoluene	14.50	165	168202	55.524	nq #	71
51) Acenaphthene	14.97	154	595574	51.663	nq	99
52) 3-Nitroaniline	14.83	138	121716	36.708	nq #	78
53) 2,4-Dinitrophenol	15.04	184	125897	82.780	nq #	81
54) Dibenzofuran	15.30	168	949619	53.458	nq #	86
55) 4-Nitrophenol	15.13	139	245102	100.159	nq #	74
56) 2,4-Dinitrotoluene	15.28	165	229683	52.516	nq	99
57) Fluorene	15.95	166	753838	51.461	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	180675	55.455	nq #	100
59) Diethylphthalate	15.70	149	827491	49.700	nq	96
60) 4-Chlorophenyl-phenylether	15.93	204	377423	50.072	nq #	86
61) 4-Nitroaniline	15.99	138	149060	43.334	nq #	34
62) Azobenzene	16.22	77	887120	56.841	nq	79
64) 4,6-Dinitro-2-methylphenol	16.04	198	99318	47.305	nq	89
65) n-Nitrosodiphenylamine	16.15	169	635513	53.703	nq	98
66) 4-Bromophenyl-phenylether	16.82	248	220644	57.221	nq #	79
67) Hexachlorobenzene	16.94	284	239566	55.598	nq #	76
68) Atrazine	17.08	200	218894	56.236	nq	97
69) Pentachlorophenol	17.29	266	247200	92.715	nq	99
70) Phenanthrene	17.67	178	1073297	54.321	nq	99
71) Anthracene	17.77	178	1087687	56.056	nq	98
72) Carbazole	18.03	167	952104	52.657	nq	98
73) Di-n-butylphthalate	18.56	149	1279897	52.517	nq #	97
74) Fluoranthene	19.66	202	1140209	50.198	nq	100
76) Benzidine	19.83	184	465189	49.941	nq	99
77) Pyrene	20.02	202	1144858	57.809	nq	99
79) Butylbenzylphthalate	20.86	149	556701	58.153	nq #	81
80) Benzo(a)anthracene	21.73	228	1105412	54.840	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	326869	45.133	nq	99
82) Chrysene	21.78	228	1022539	54.456	nq	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	793050	56.067	nq	94
84) Di-n-octyl phthalate	22.53	149	1297369	56.251	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.60	276	1256956	72.049	nq #	94
87) Benzo(b)fluoranthene	23.41	252	1092267	54.040	nq #	96
88) Benzo(k)fluoranthene	23.46	252	1003871	51.129	nq	99
89) Benzo(a)pyrene	24.03	252	1013545	56.966	nq	100
90) Dibenzo(a,h)anthracene	26.60	278	1084516	67.748	nq	97
91) Benzo(g,h,i)perylene	27.36	276	1014266	72.111	nq #	94

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

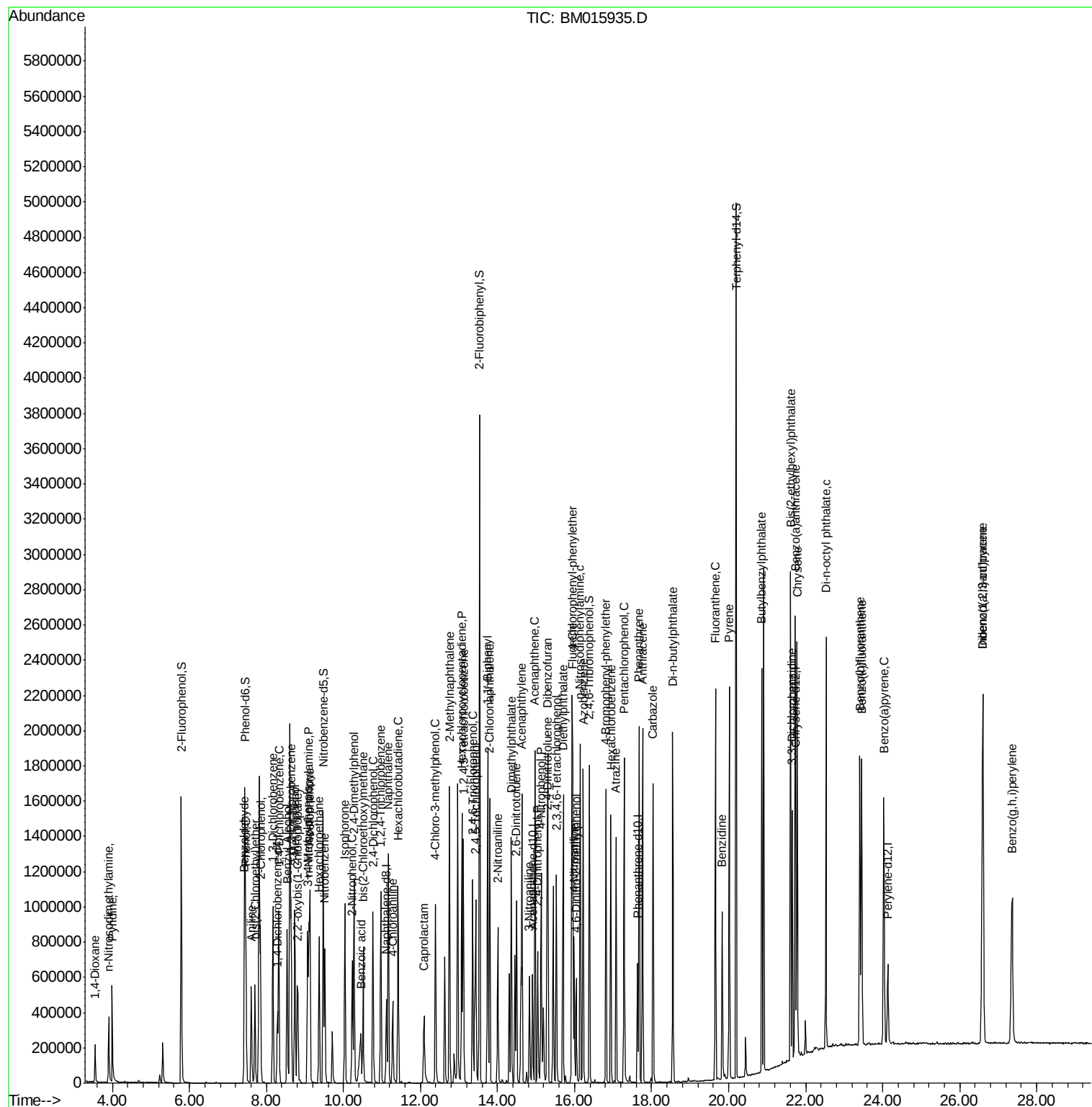
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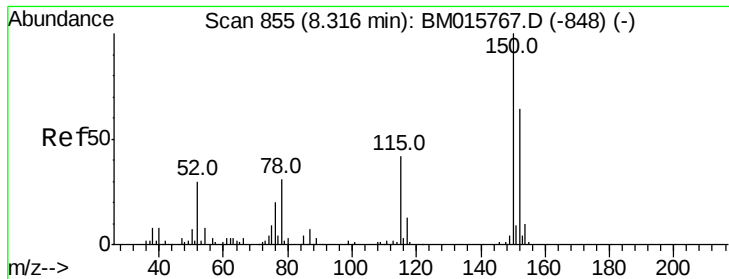
Instrument :
 BNA_M
 ClientSampleID :
 PB111003BSD

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#1

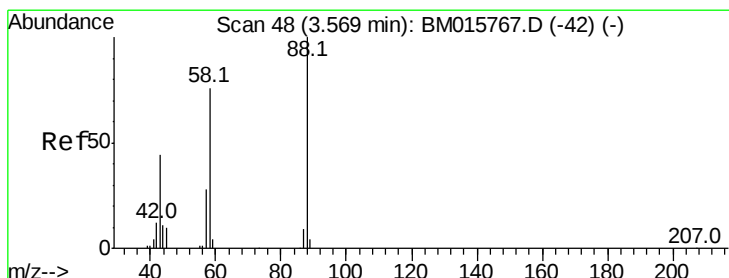
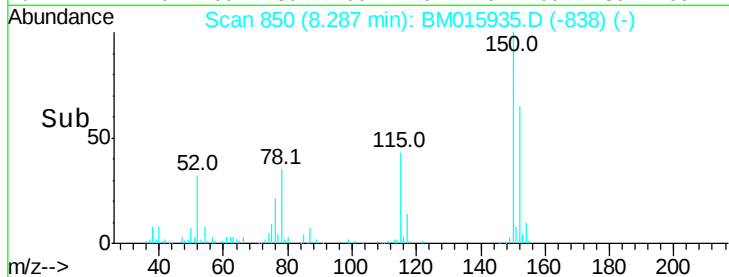
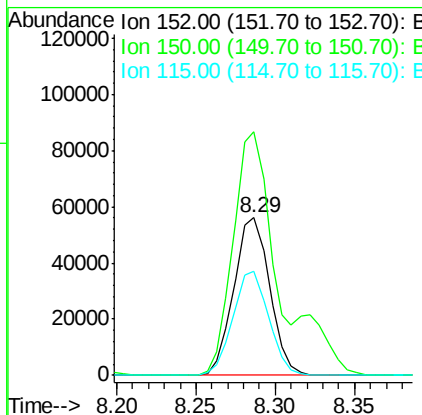
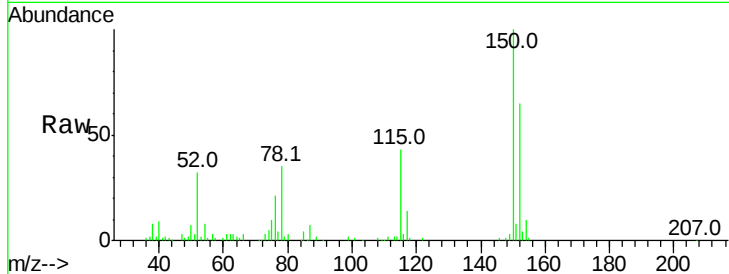
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	66.0	43.0	64.4#

Manual Integrations
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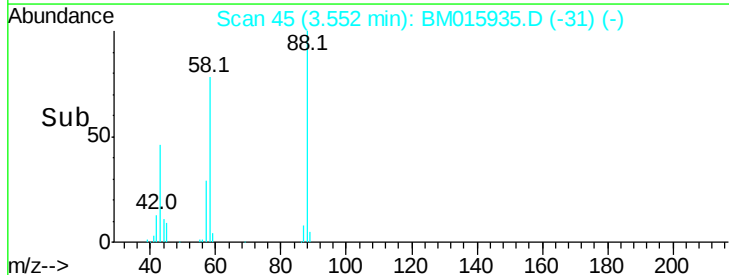
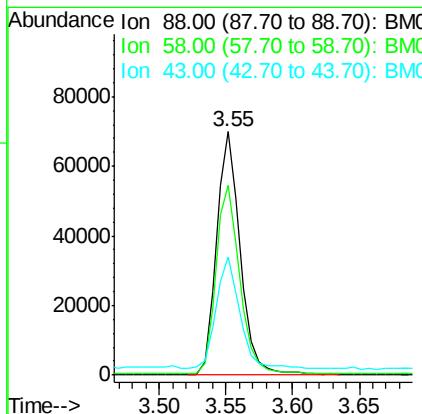
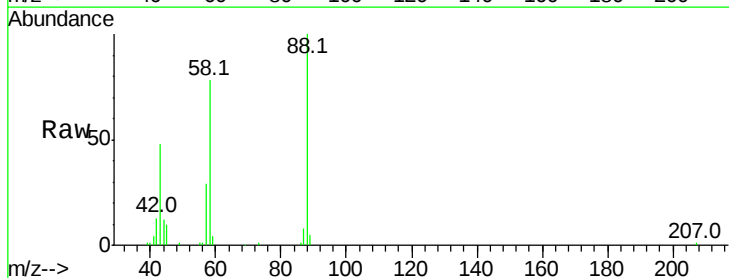
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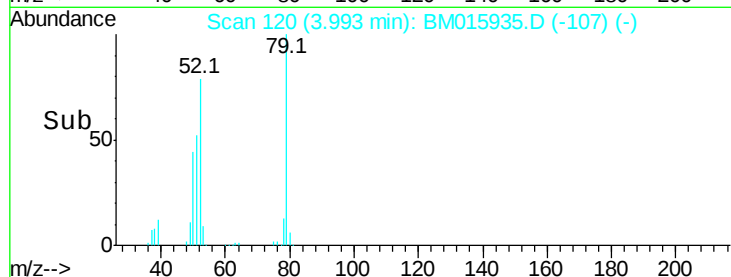
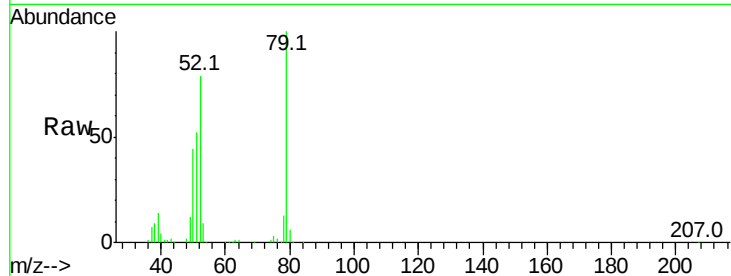
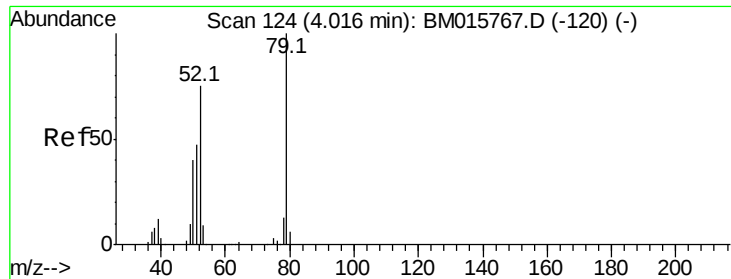


#2

1,4-Dioxane
Concen: 41.193 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	0.0	0.0#
43	45.7	0.0	0.0#





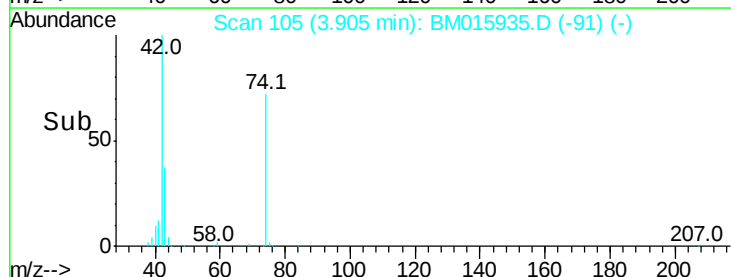
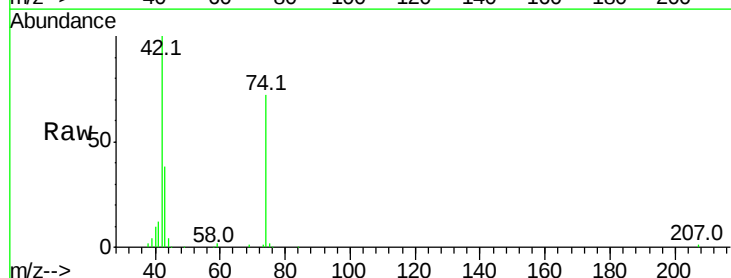
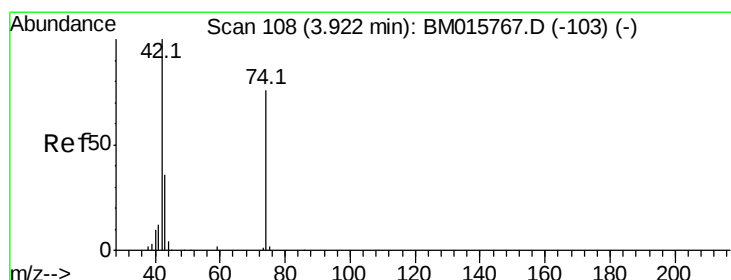
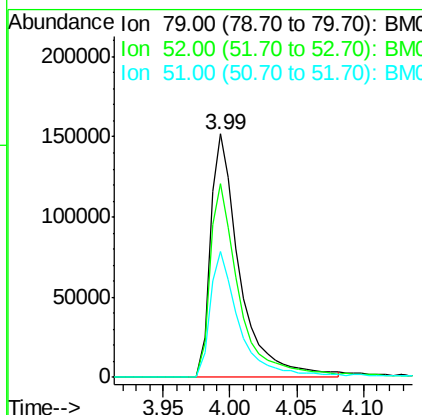
#3
 Pvridine
 Concen: 41.791 ng
 RT: 3.99 min Scan# 120
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.5	51.1	76.7#
51	51.8	26.1	39.1#

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

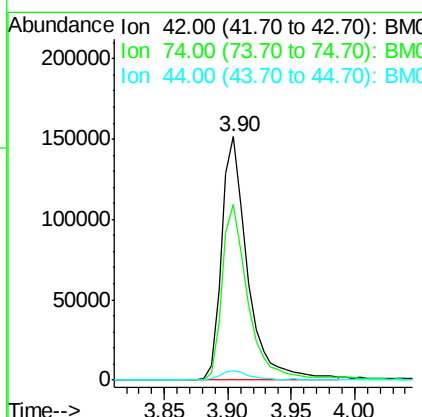
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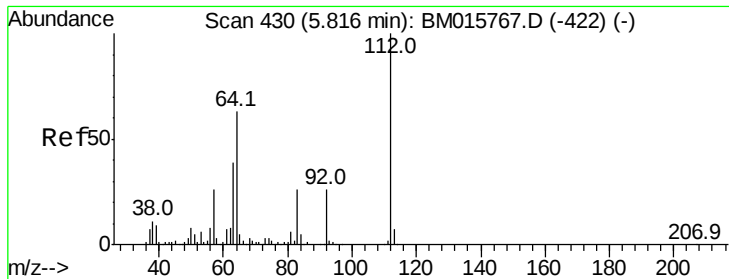
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#4
 n-Nitrosodimethylamine
 Concen: 49.296 ng
 RT: 3.90 min Scan# 105
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	72.3	119.3	178.9#
44	3.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 49.296 ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

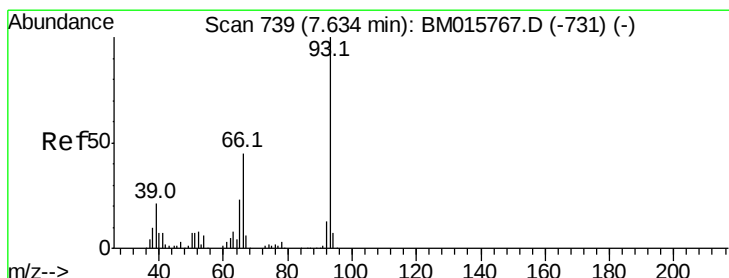
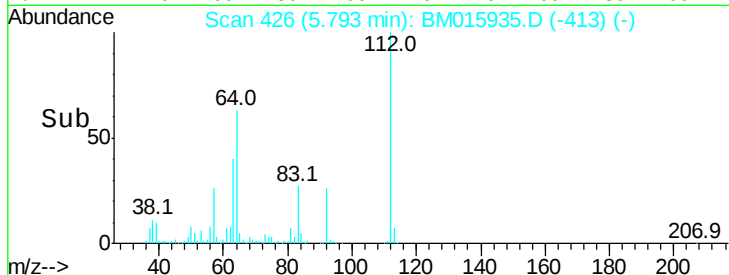
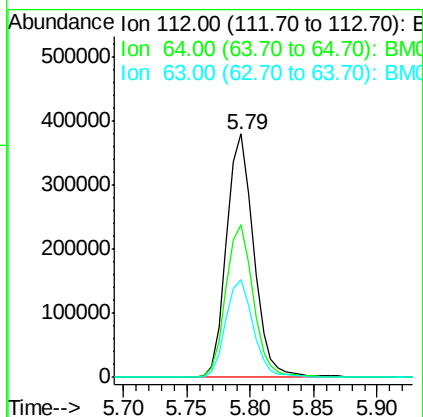
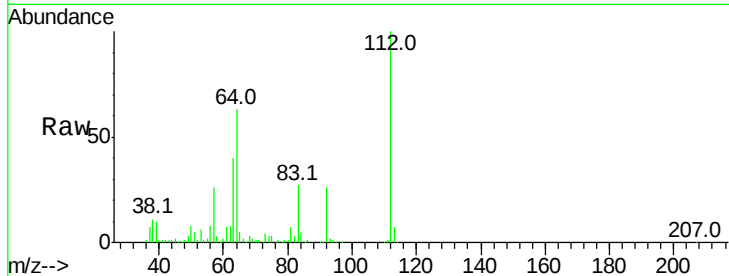
ClientSampleId :

PB111003BSD

Tot Ion:	112	Resp:	567156
Ion Ratio	Lower	Upper	
112	100		
64	62.9	38.6	57.8#
63	40.4	19.3	28.9#

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#6

Aniline

Concen: 35.183 ng

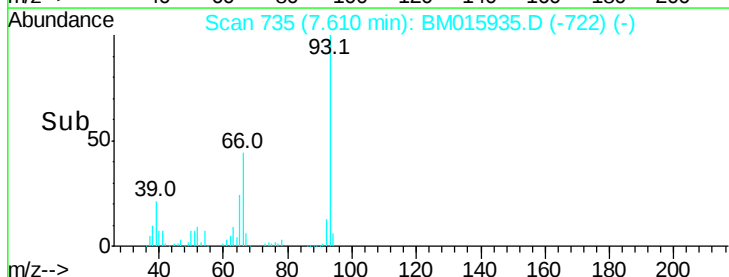
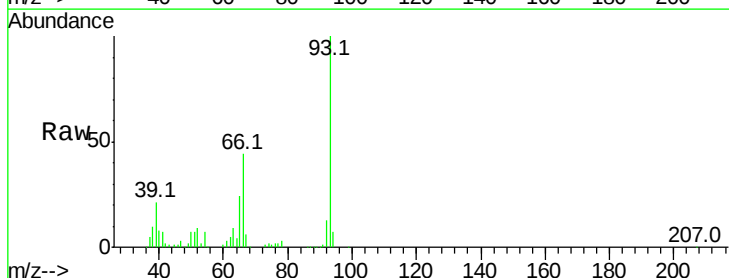
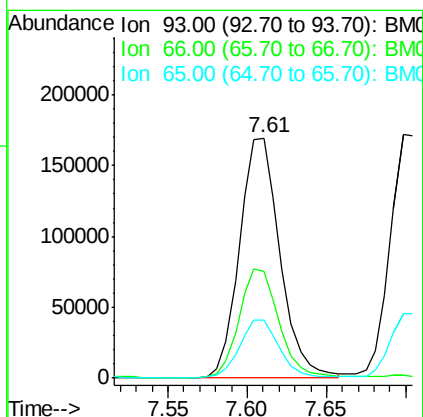
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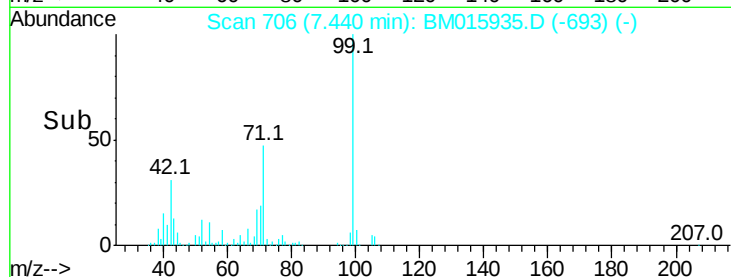
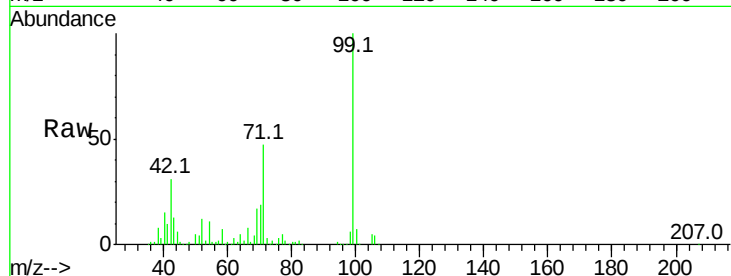
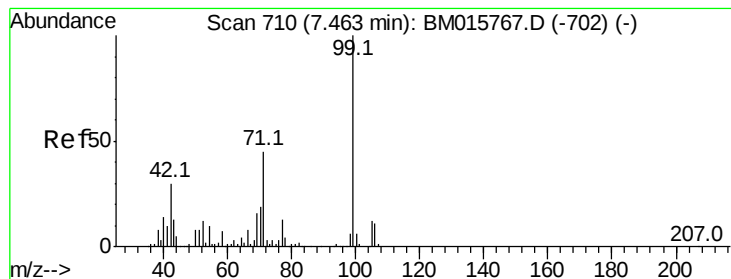
Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:	93	Resp:	300677
Ion Ratio	Lower	Upper	
93	100		
66	44.3	30.8	46.2
65	24.3	16.0	24.0#





#7

Phenol-d6

Concen: 35.183 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tot Ion	99	Resp	721601
Ion Ratio	Lower	Upper	
99	100		
42	31.4	11.0	16.4#
71	46.8	23.4	35.2#

Instrument :

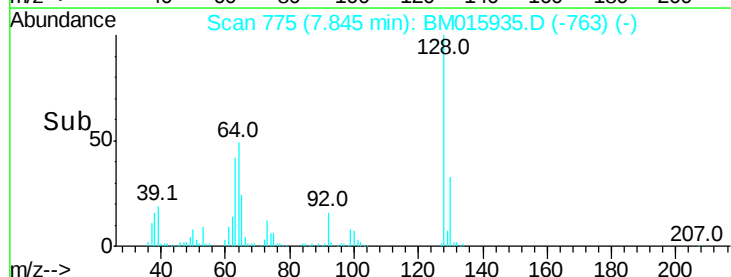
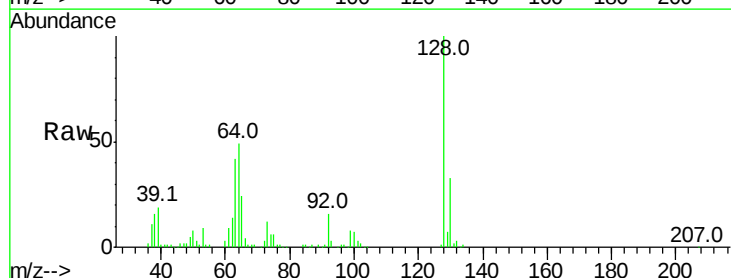
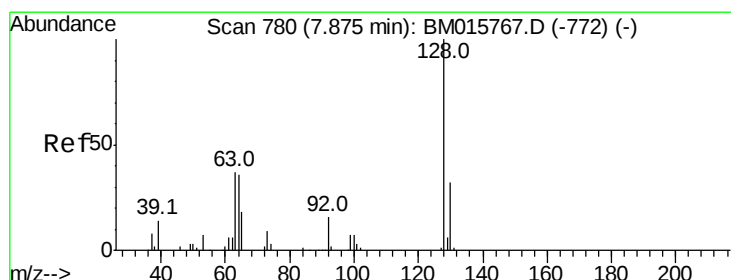
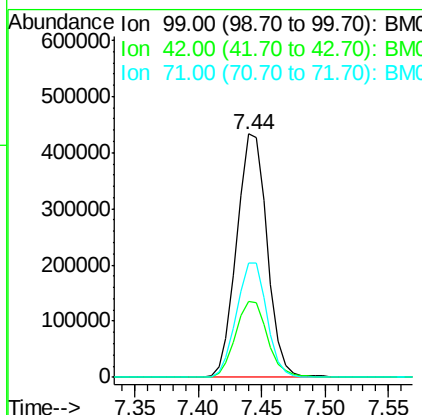
BNA_M

ClientSampled :

PB111003BSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.006 ng

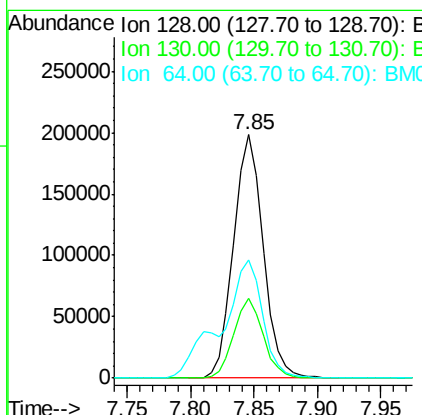
RT: 7.85 min Scan# 775

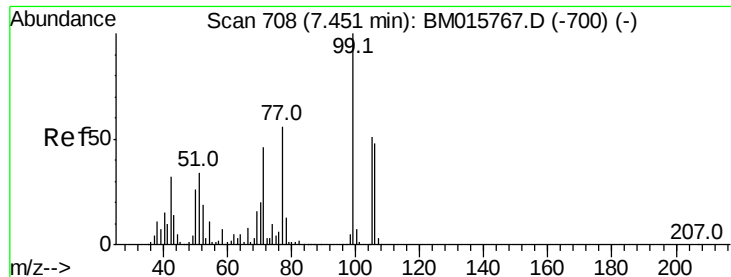
Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion	128	Resp	321381
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	48.8	24.9	64.9





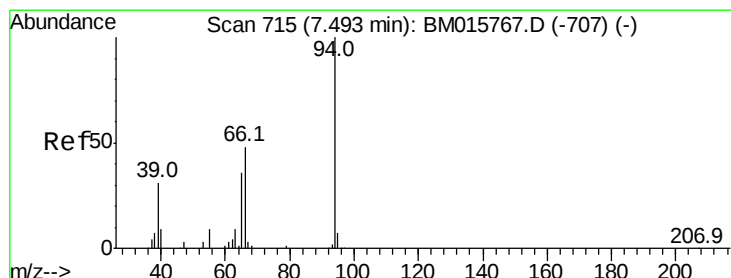
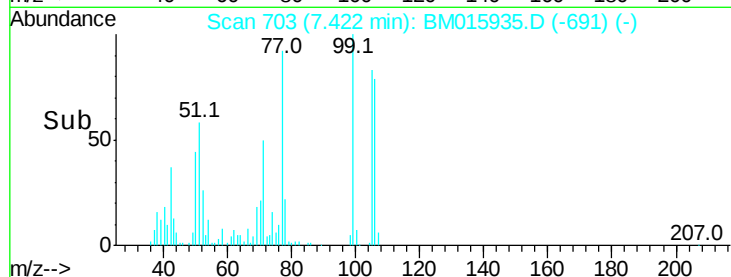
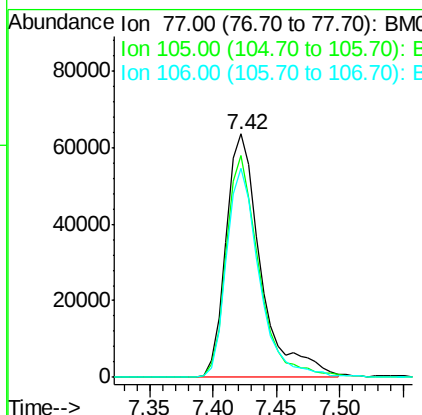
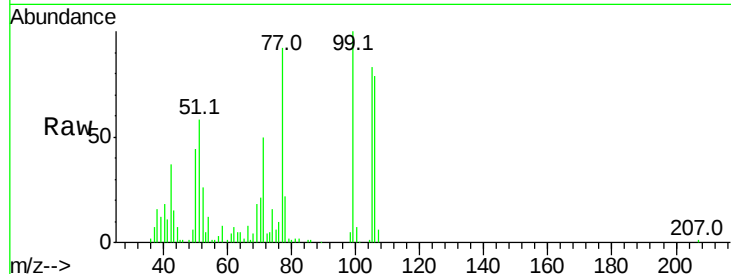
#9
Benzaldehyde
Concen: 27.328 ng
RT: 7.42 min Scan# 703
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	91.1	78.8	118.8	
106	85.7	73.7	113.7	

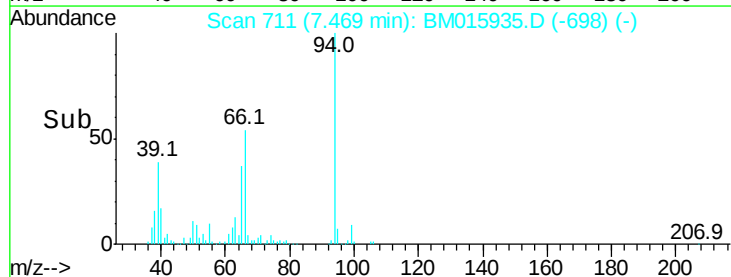
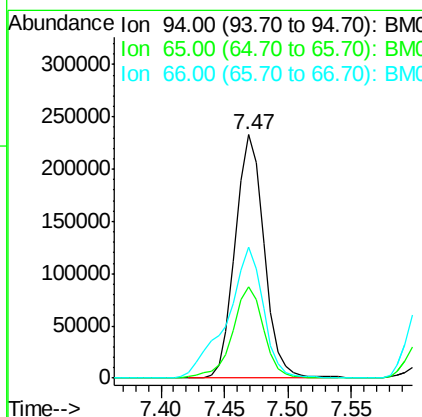
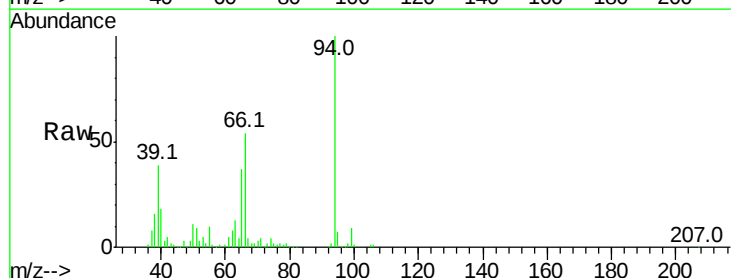
Manual Integrations
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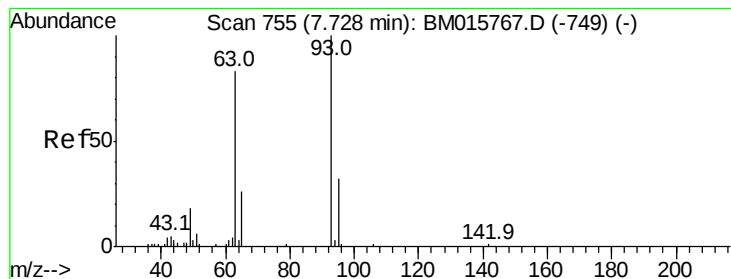
Sohil
7/13/2018 2:50:19 PM



#10
Phenol
Concen: 52.118 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	37.5	18.8	58.8	
66	53.5	39.9	79.9	





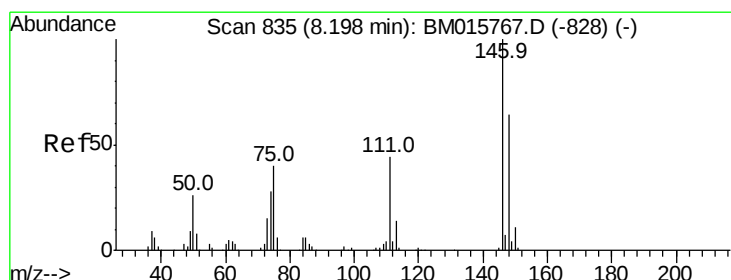
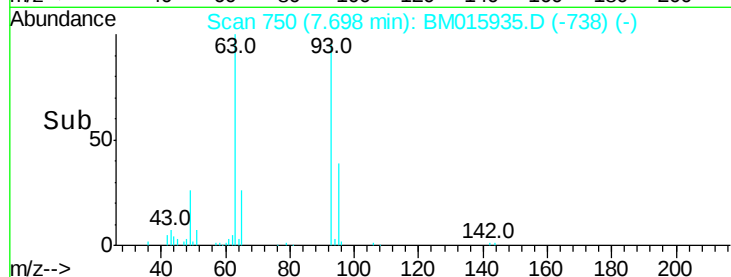
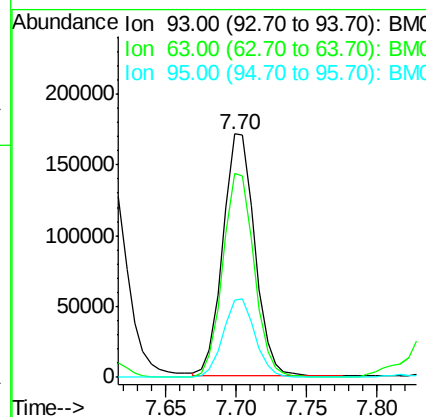
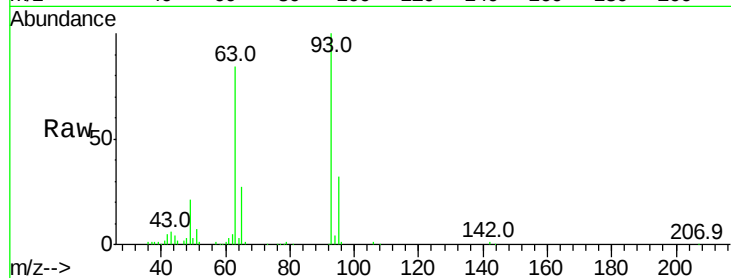
#11
bis(2-Chloroethyl)ether
Concen: 46.704 ng
RT: 7.70 min Scan# 750
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	269096		
63	83.7		49.5	89.5
95	31.6		13.5	53.5

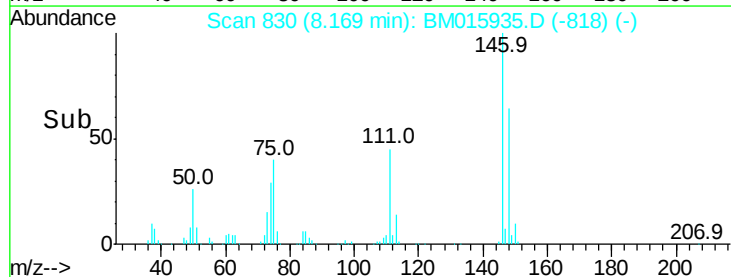
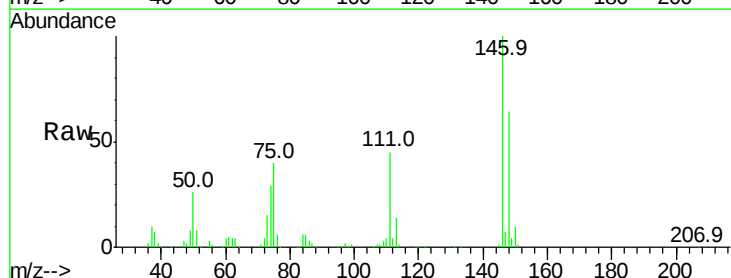
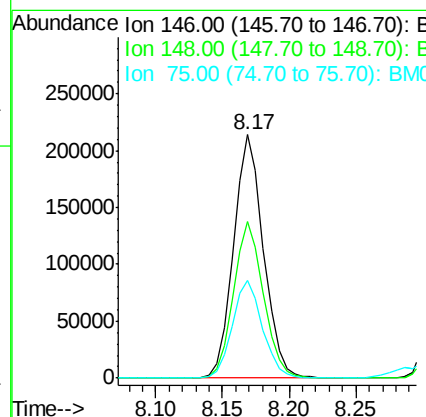
Manual Integrations
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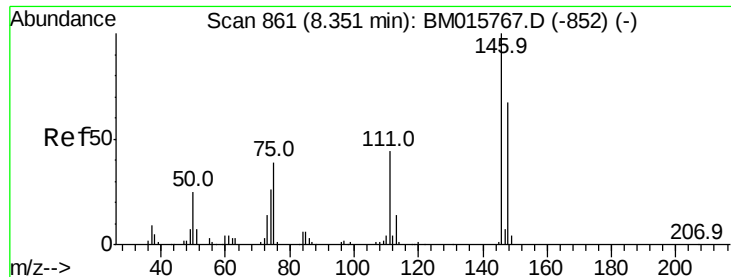
Sohil
7/13/2018 2:50:19 PM



#12
1,3-Dichlorobenzene
Concen: 48.820 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334495		
148	64.1		50.9	76.3
75	40.1		21.4	32.2#





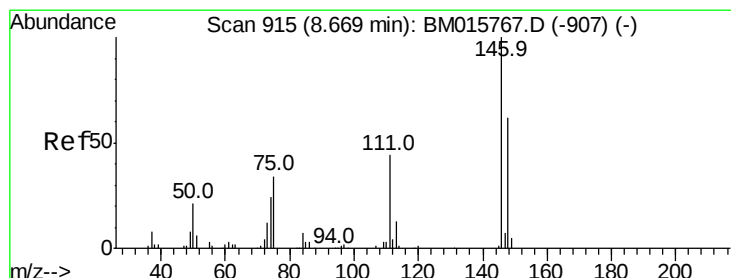
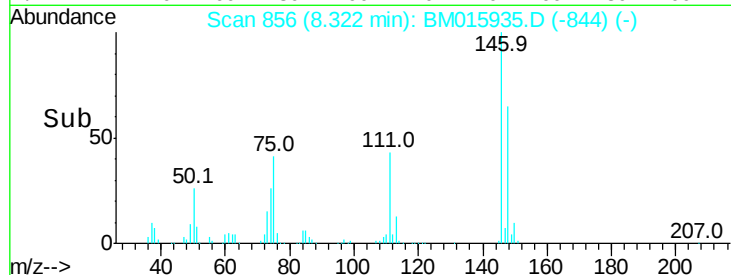
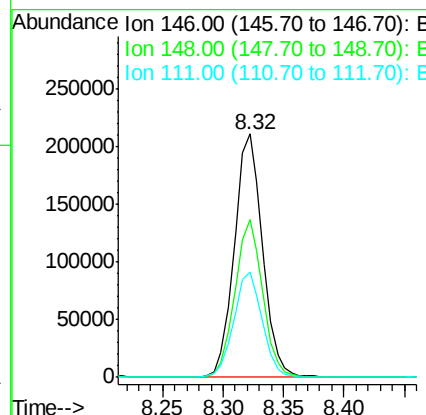
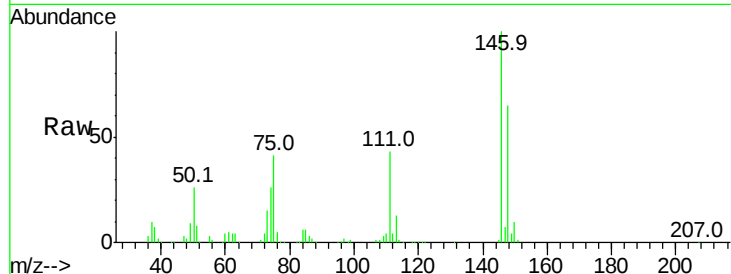
#13
 1,4-Dichlorobenzene
 Concen: 48.432 ng
 RT: 8.32 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	43.2	29.2	43.8

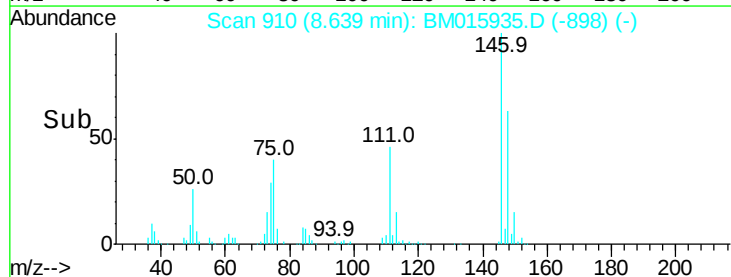
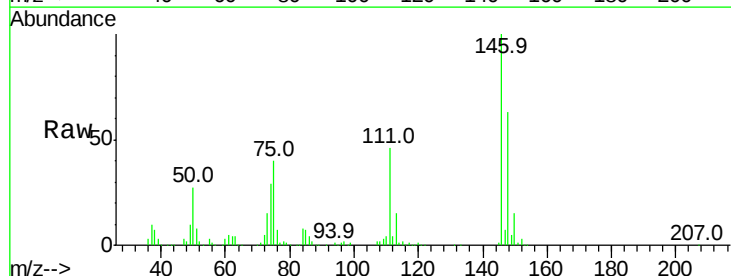
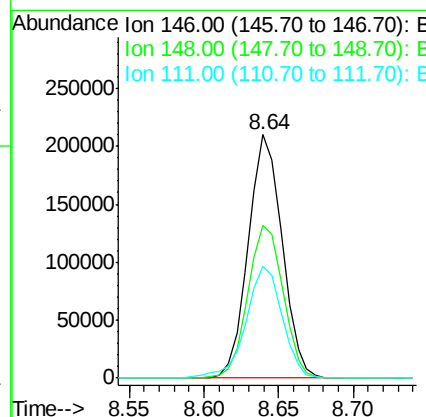
Manual Integrations
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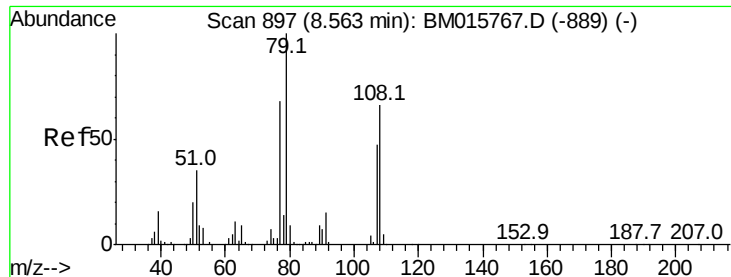
Sohil
 7/13/2018 2:50:19 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.130 ng
 RT: 8.64 min Scan# 910
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.3	78.5
111	45.8	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.381 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

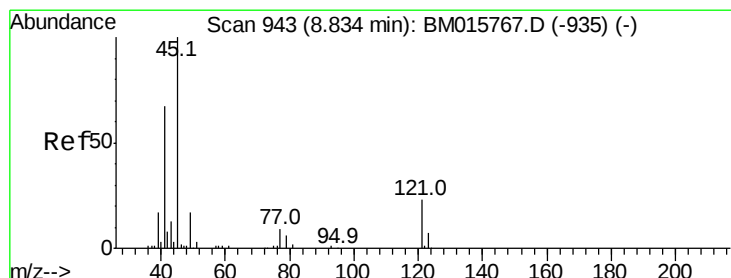
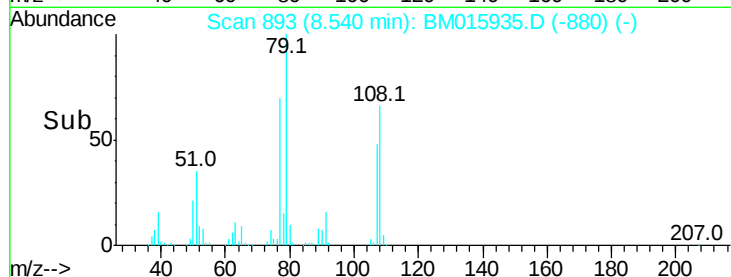
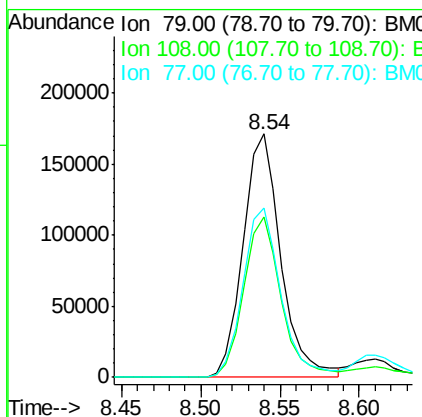
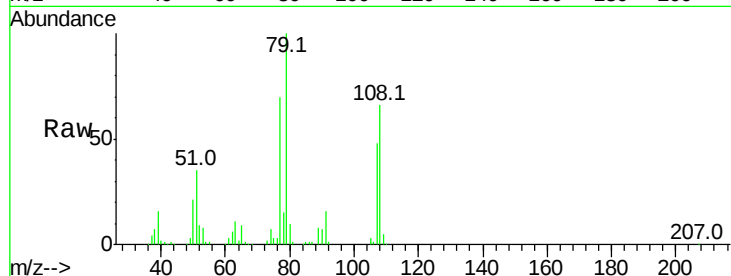
ClientSampleId :

PB111003BSD

Tot Ion:	79	Resp:	283834
Ion Ratio	Lower	Upper	
79	100		
108	66.0	65.0	97.4
77	69.8	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.877 ng

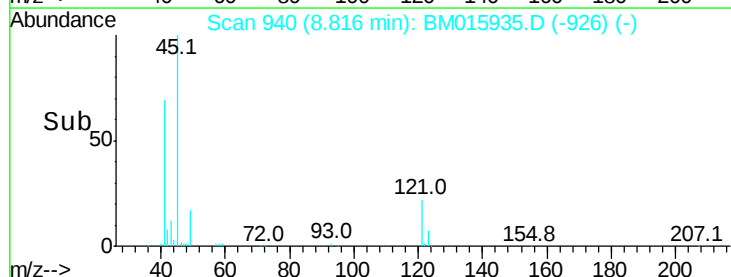
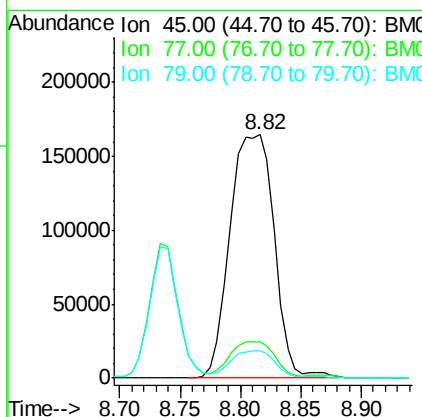
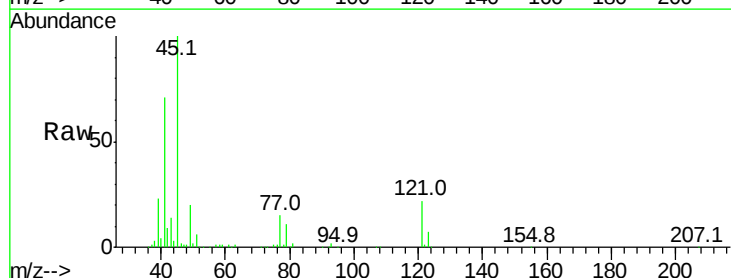
RT: 8.82 min Scan# 940

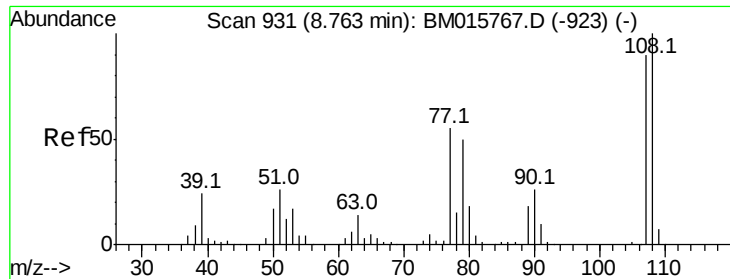
Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:	45	Resp:	420827
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	35.2
79	11.0	0.0	32.0





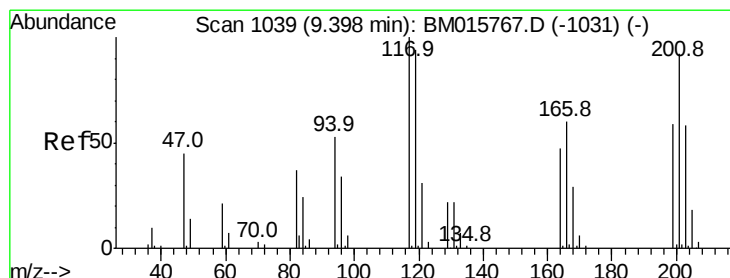
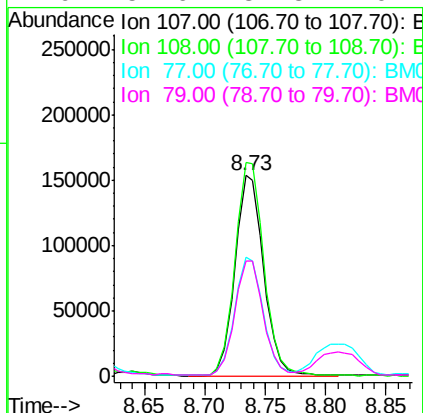
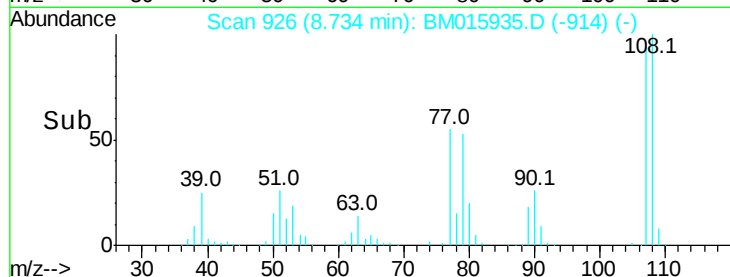
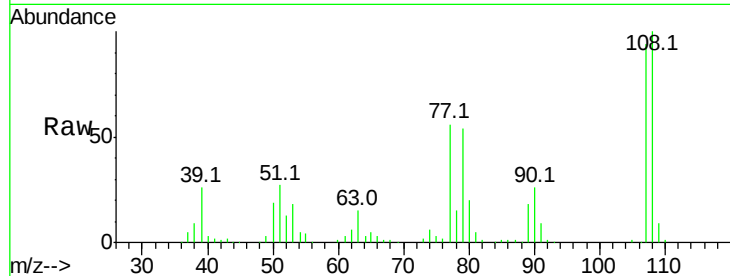
#17
2-Methylphenol
Concen: 51.504 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	89.8	134.8	
77	59.2	32.6	48.8	
79	57.6	32.8	49.2	

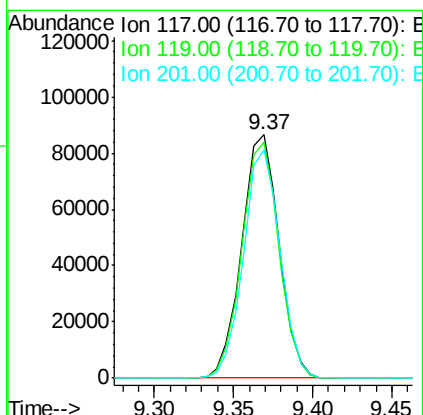
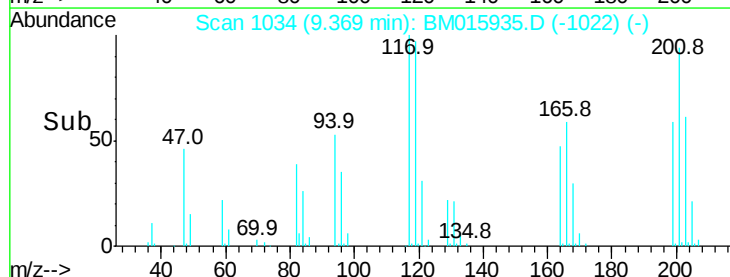
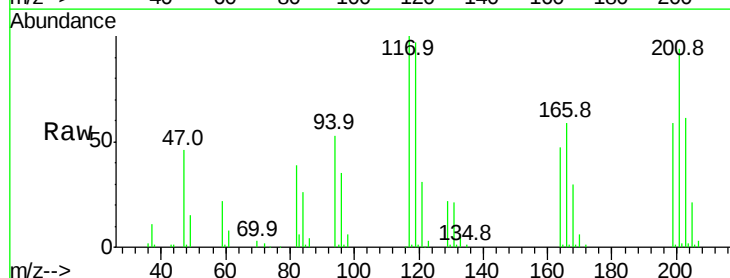
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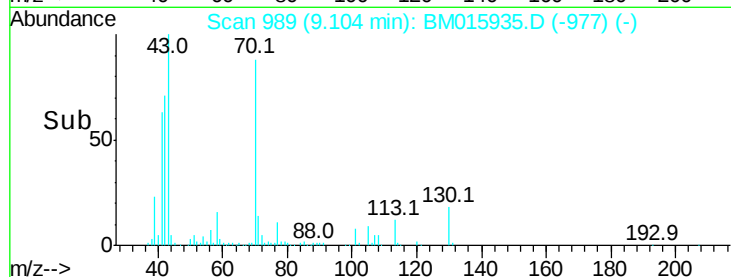
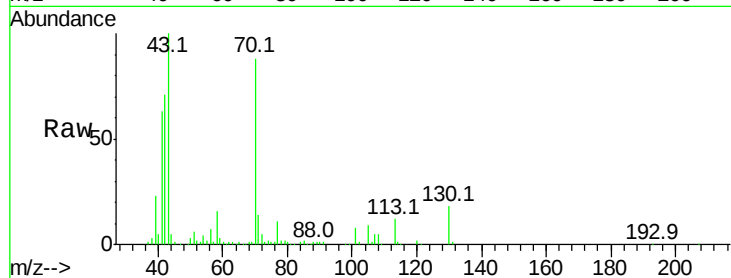
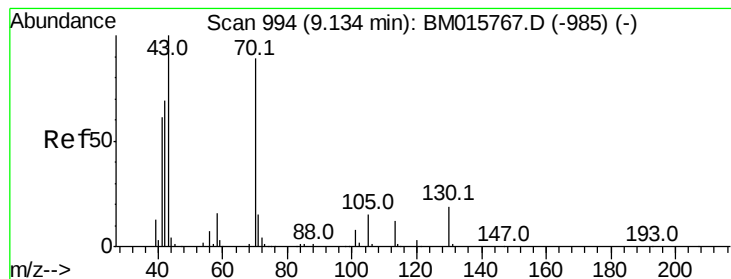
Sohil
7/13/2018 2:50:19 PM



#18
Hexachloroethane
Concen: 50.614 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	79.2	118.8	
201	93.8	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 42.771 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion: 70 Resp: 242300

Ion Ratio Lower Upper

70 100

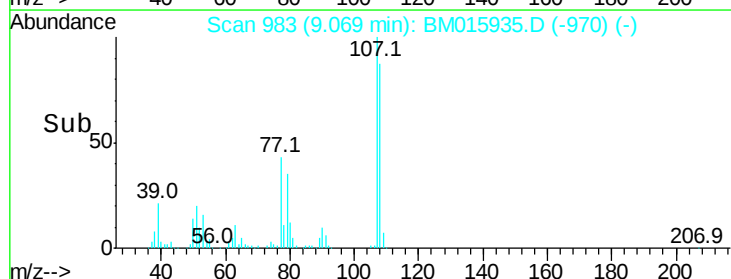
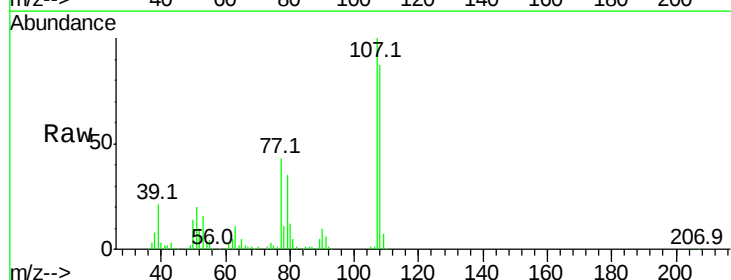
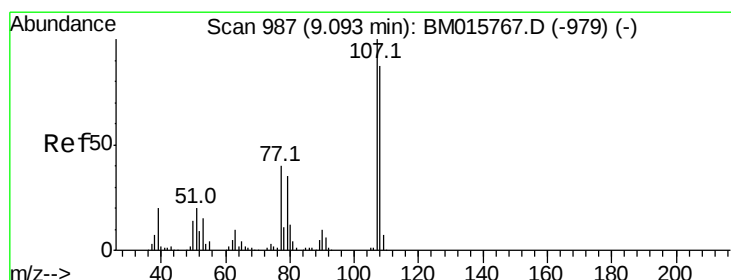
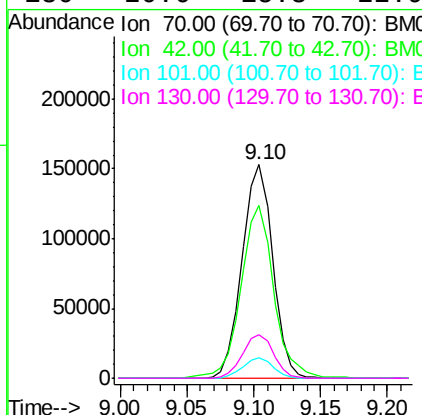
42 80.7 44.5 66.7#

101 9.6 7.4 11.2

130 20.6 15.3 22.9

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#20

3+4-Methylphenols

Concen: 49.434 ng

RT: 9.07 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion: 107 Resp: 336944

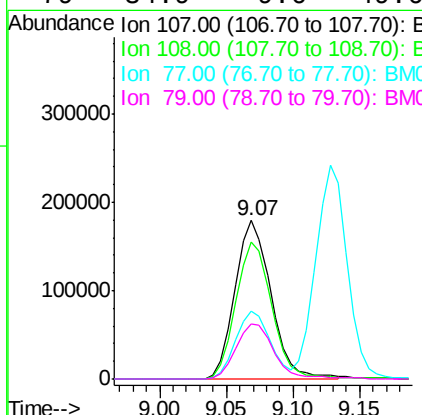
Ion Ratio Lower Upper

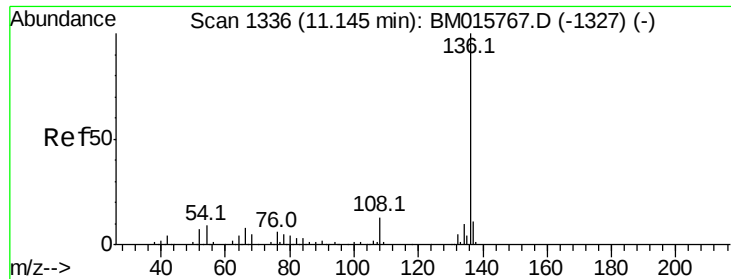
107 100

108 86.7 73.2 113.2

77 42.6 10.7 50.7

79 34.9 9.6 49.6





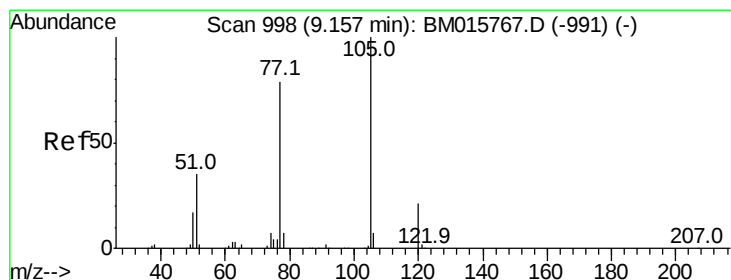
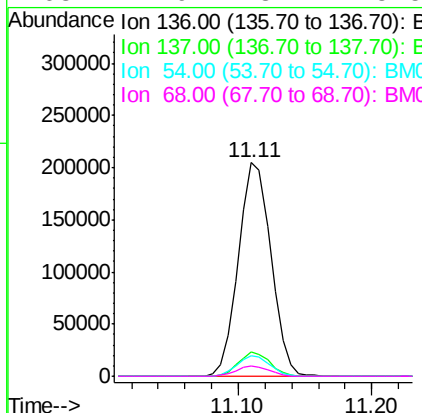
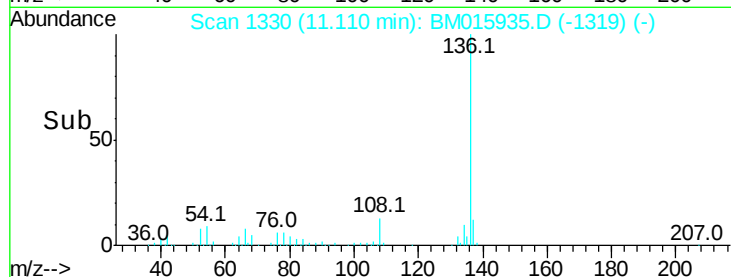
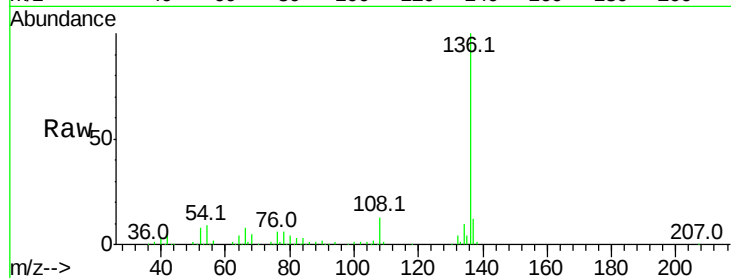
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.04 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.7	13.1	
54	9.4	4.6	6.8#	
68	4.9	3.7	5.5	

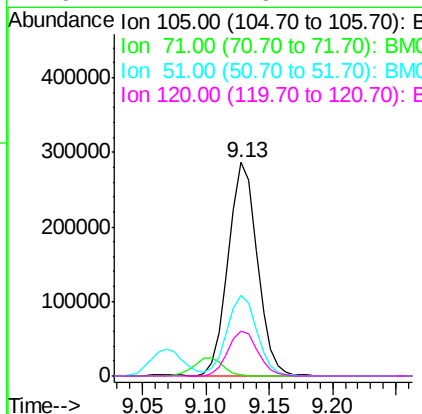
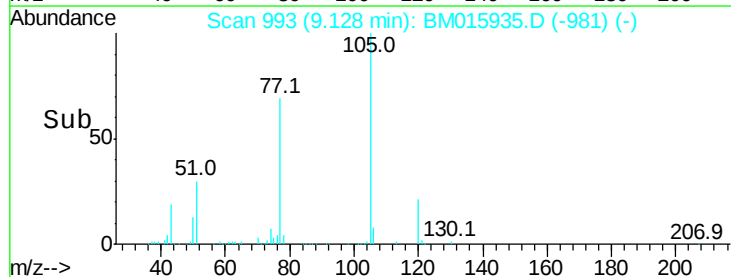
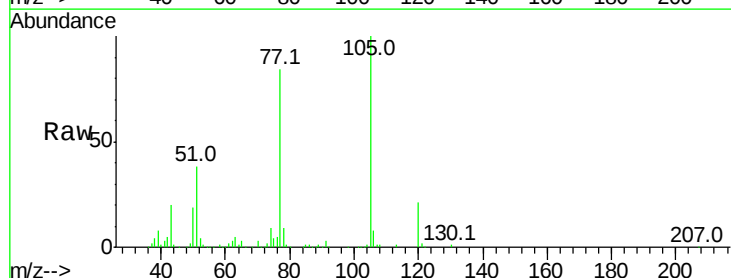
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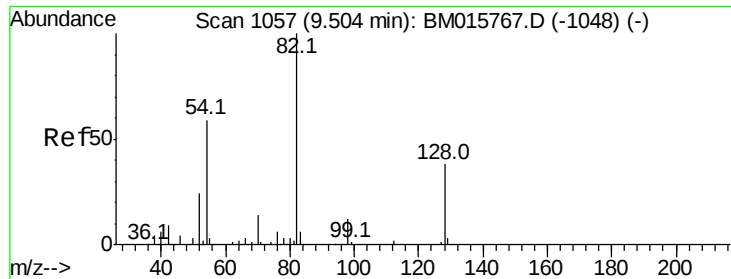
Sohil
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#22
Acetophenone
Concen: 50.280 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	37.9	21.6	32.4#	
120	21.2	16.1	24.1	





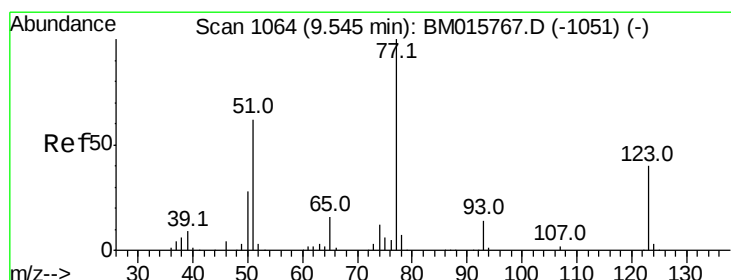
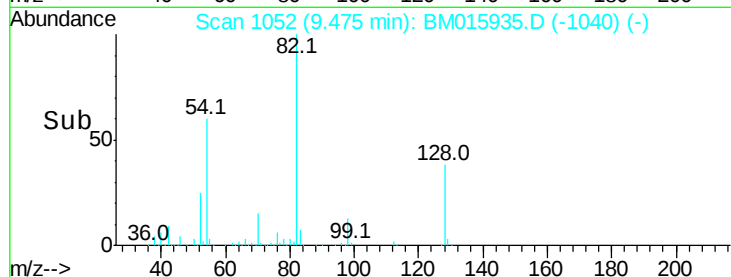
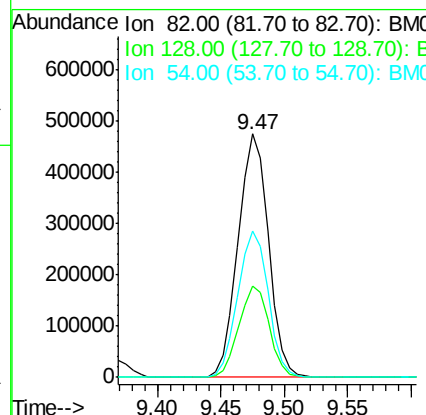
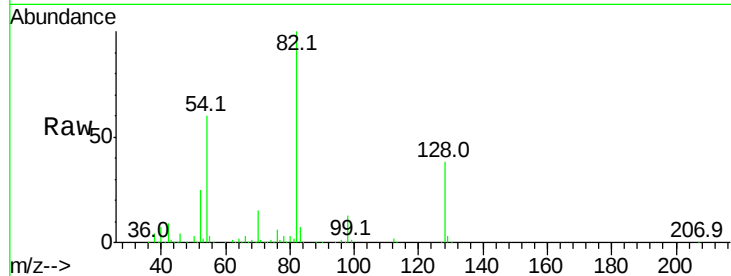
#23
Nitrobenzene-d5
Concen: 50.280 ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.8	49.2
54	60.2	40.6	60.8

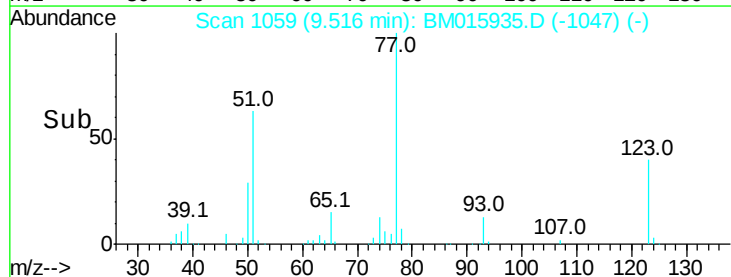
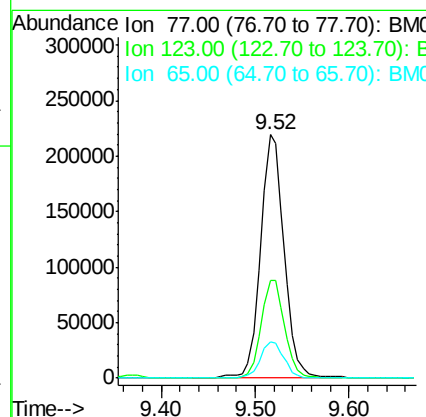
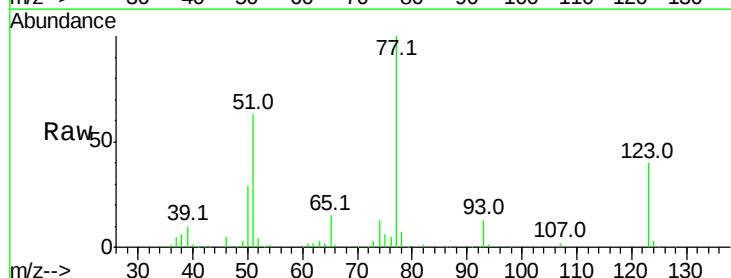
Manual Integrations
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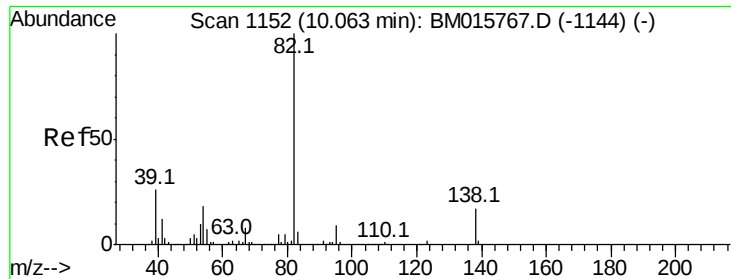
Sohil
7/13/2018 2:50:19 PM



#24
Nitrobenzene
Concen: 55.046 ng
RT: 9.52 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	32.6	49.0
65	15.1	10.9	16.3





#25

Isophorone

Concen: 56.899 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion: 82 Resp: 616786

Ion Ratio Lower Upper

82 100

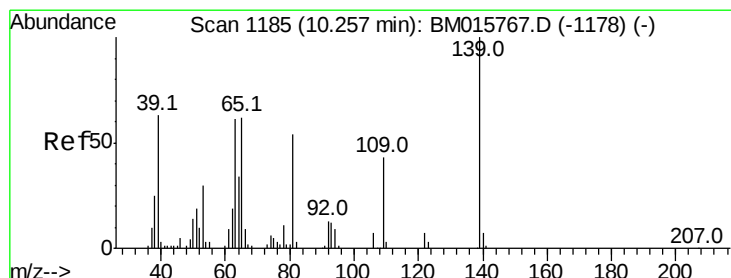
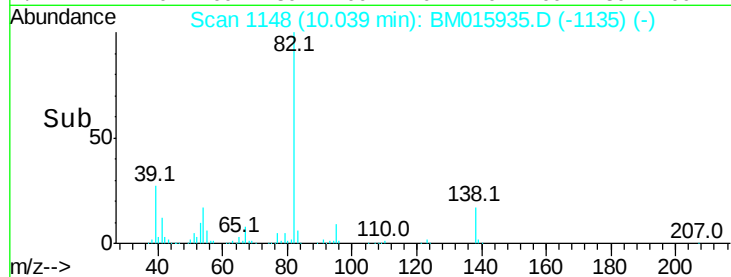
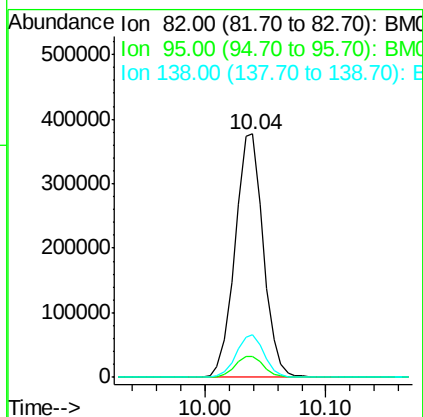
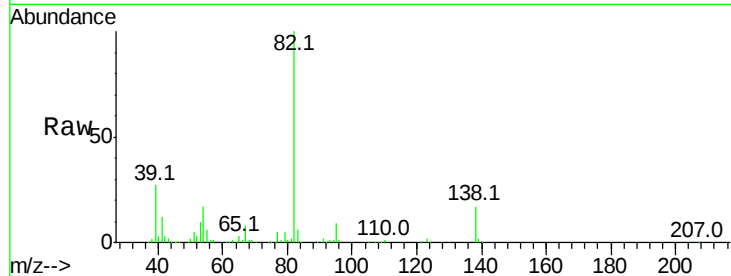
95 8.7 5.8 8.6#

138 17.4 16.3 24.5

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 55.564 ng

RT: 10.23 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

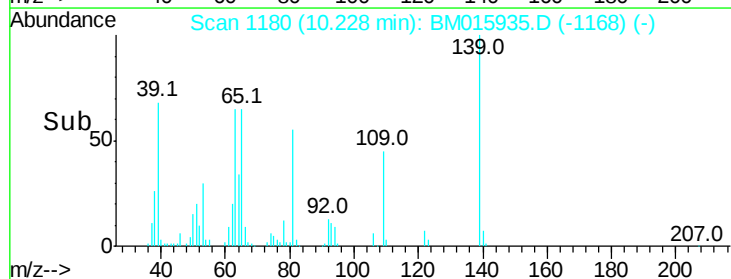
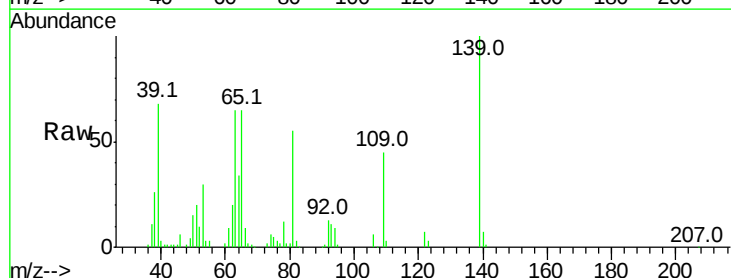
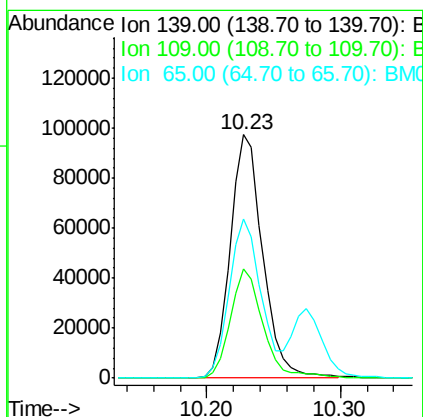
Tgt Ion: 139 Resp: 165408

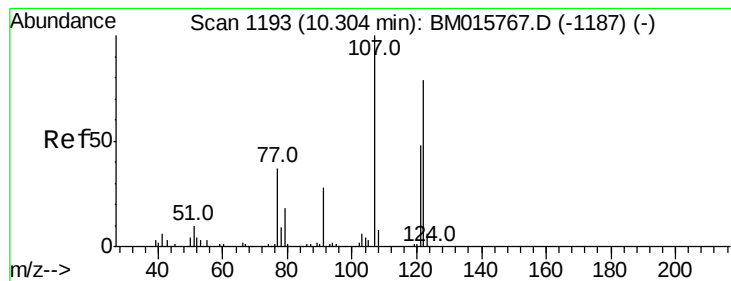
Ion Ratio Lower Upper

139 100

109 44.9 20.1 30.1#

65 65.1 31.5 47.3#





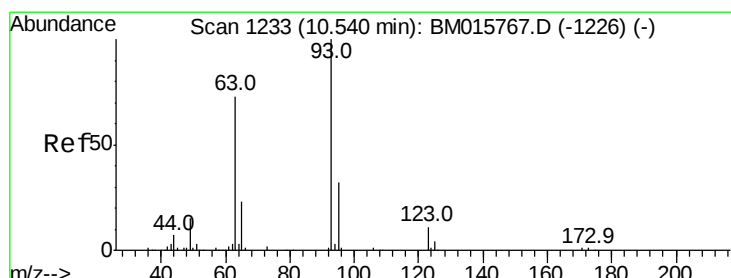
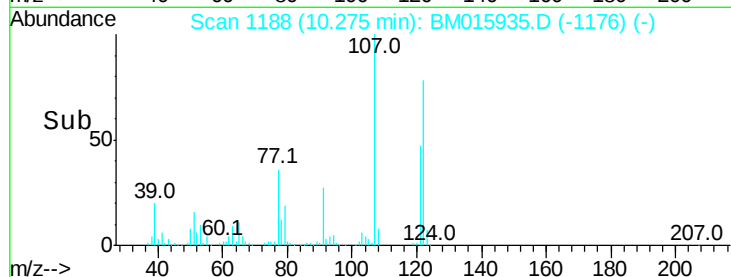
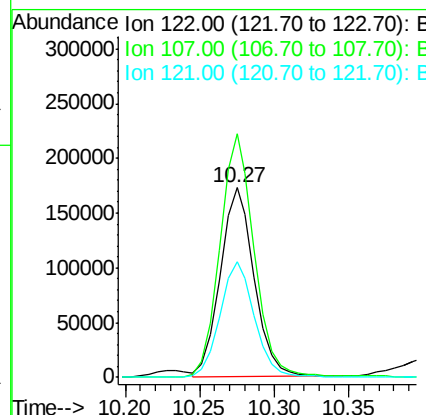
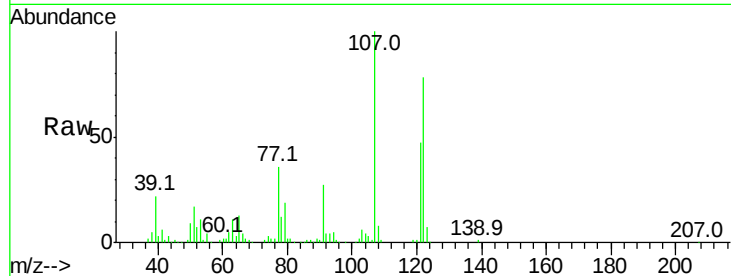
#27
2,4-Dimethylphenol
Concen: 60.582 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273975		
107	128.4	84.7	127.1#	
121	60.9	46.6	69.8	

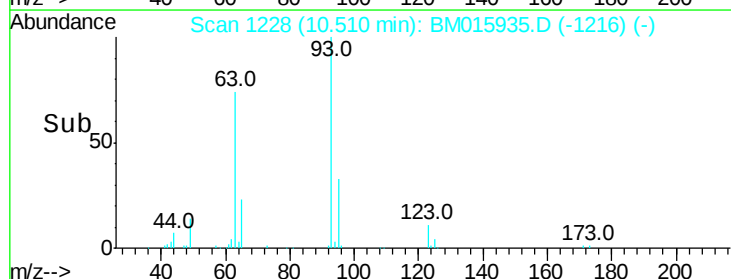
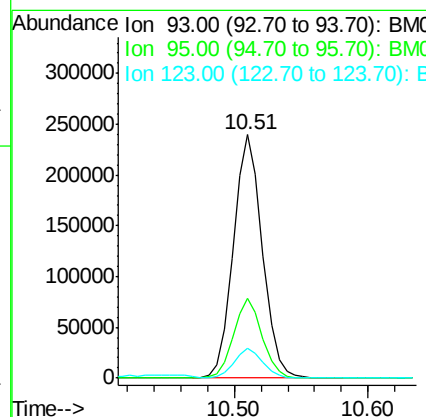
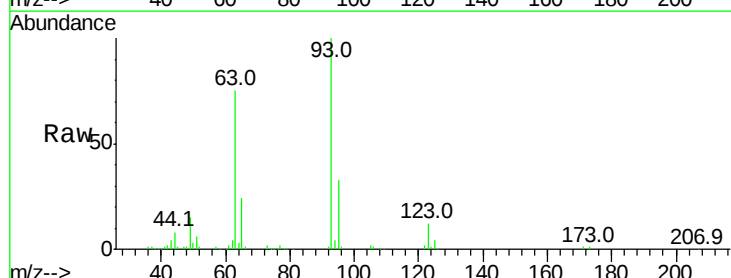
Manual Integrations
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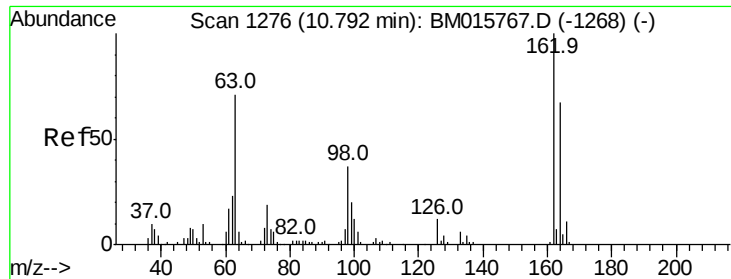
Sohil
7/13/2018 2:50:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 51.375 ng
RT: 10.51 min Scan# 1228
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362823		
95	32.6	25.5	38.3	
123	12.1	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 56.683 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:162 Resp: 283908

Ion Ratio Lower Upper

162 100

164 64.2 42.8 82.8

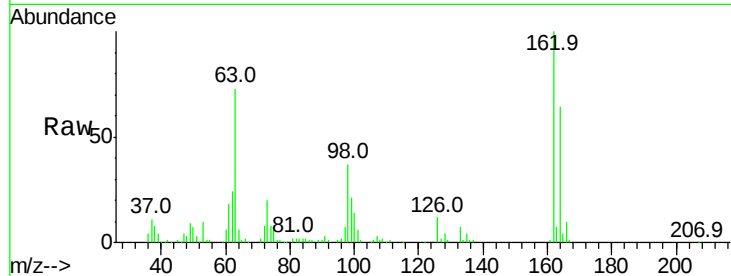
98 37.0 14.5 54.5

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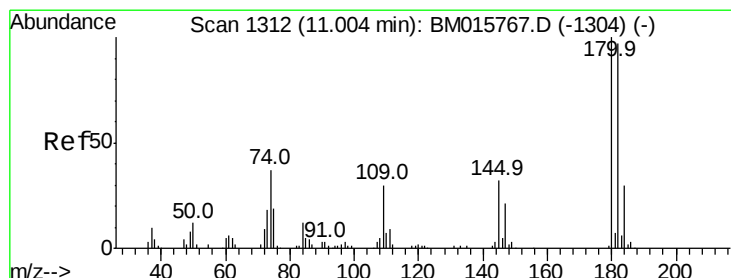
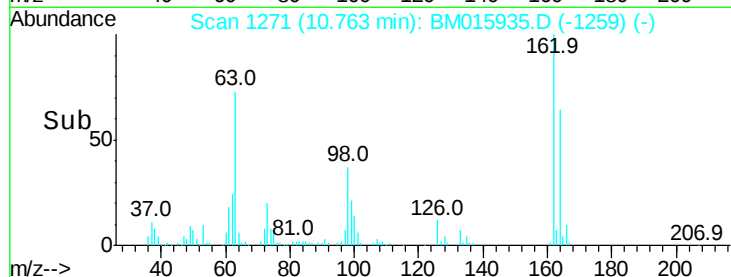
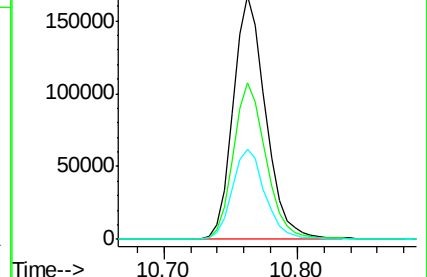
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 52.802 ng

RT: 10.97 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

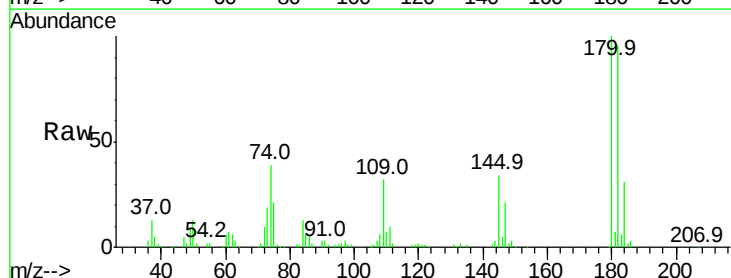
Tgt Ion:180 Resp: 307176

Ion Ratio Lower Upper

180 100

182 96.2 77.6 116.4

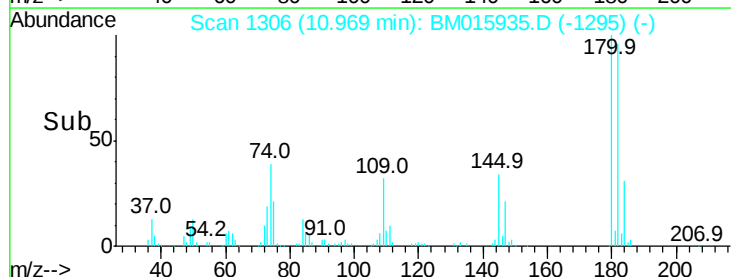
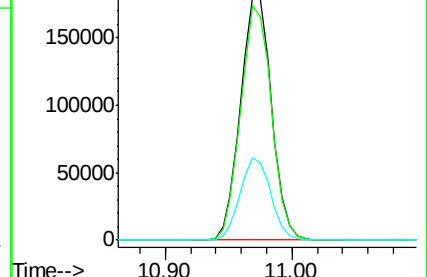
145 34.0 23.4 35.2

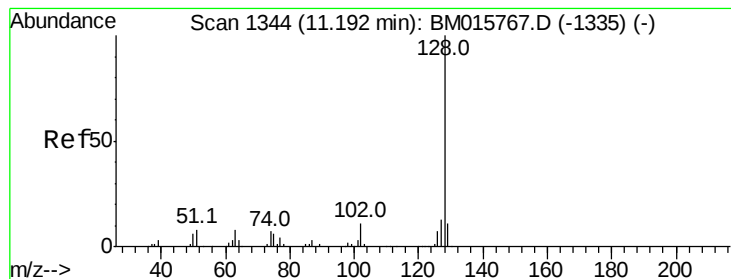


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.183 ng

RT: 11.16 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

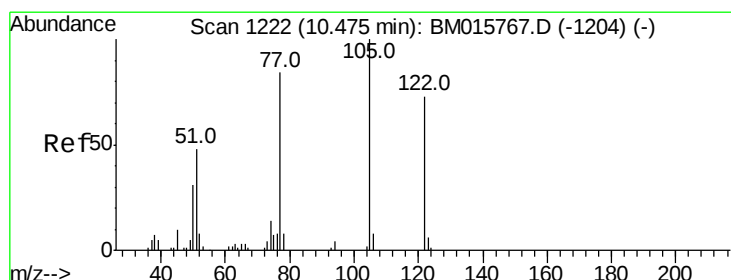
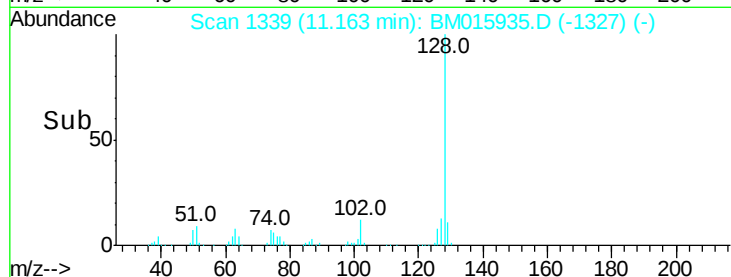
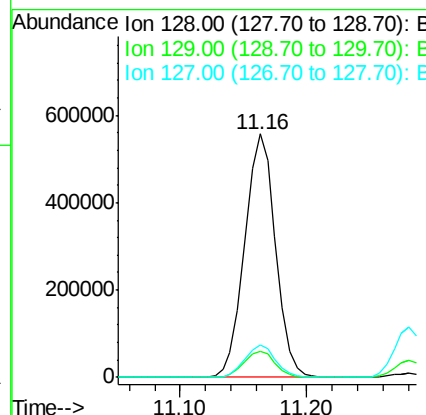
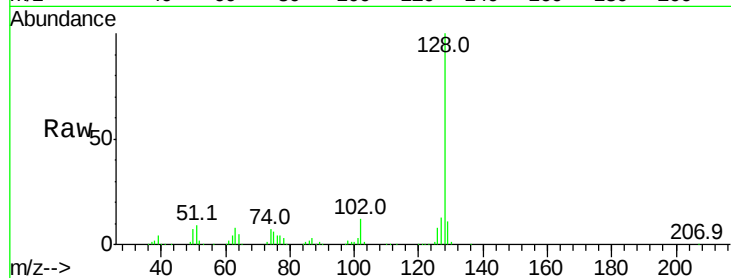
ClientSampleId :

PB111003BSD

Tot Ion:	128	Resp:	937497
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.9	13.3
127	13.3	10.4	15.6

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#32

Benzoic acid

Concen: 39.670 ng

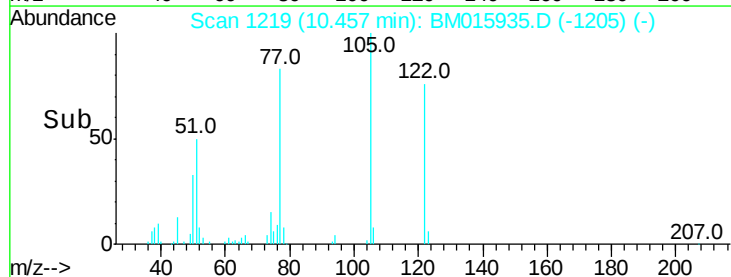
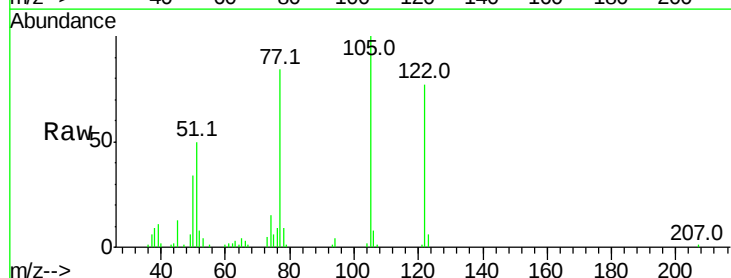
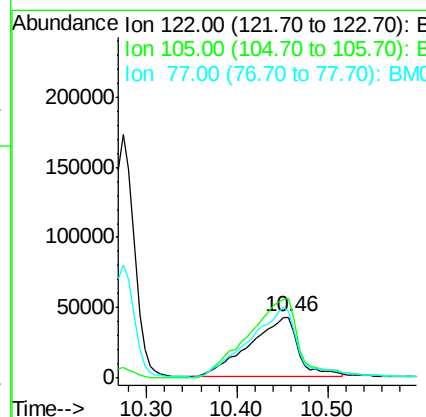
RT: 10.46 min Scan# 1219

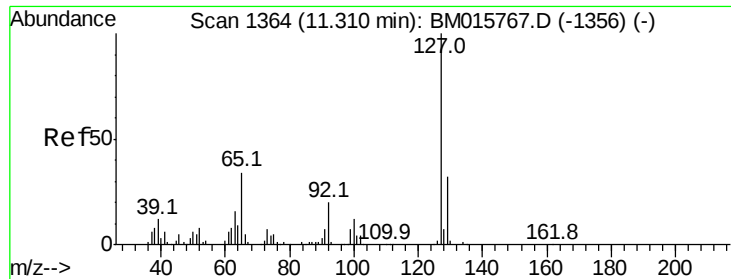
Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:	122	Resp:	158836
Ion Ratio	Lower	Upper	
122	100		
105	130.6	99.9	139.9
77	110.1	73.7	113.7





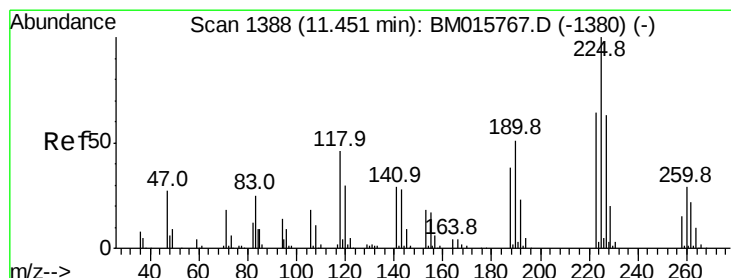
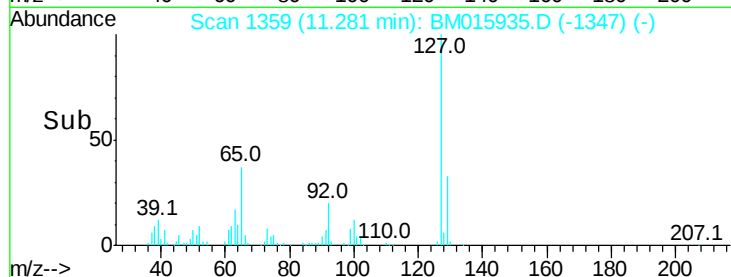
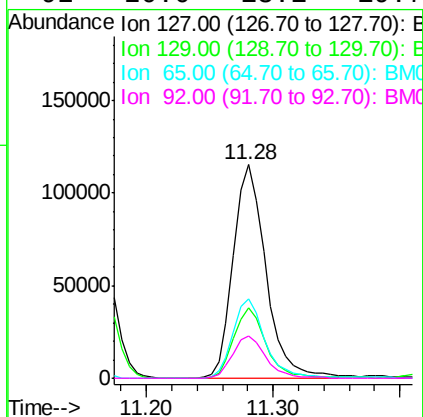
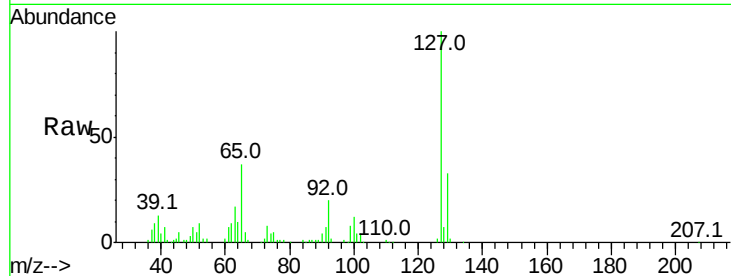
#33
4-Chloroaniline
Concen: 28.201 ng
RT: 11.28 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	25.3	37.9
65	37.2	17.6	26.4
92	20.0	13.1	19.7

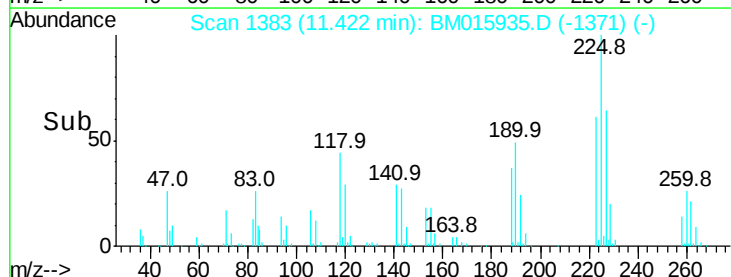
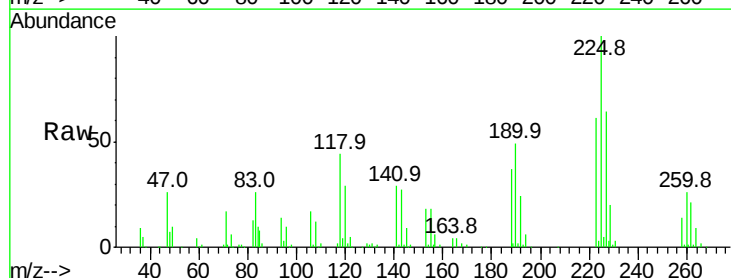
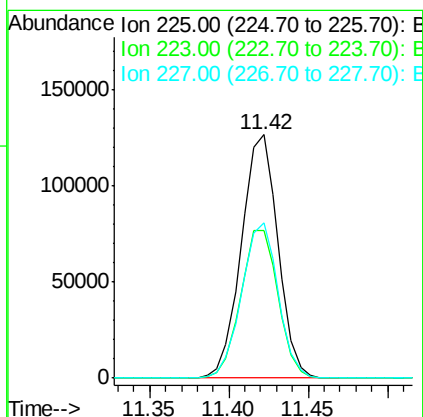
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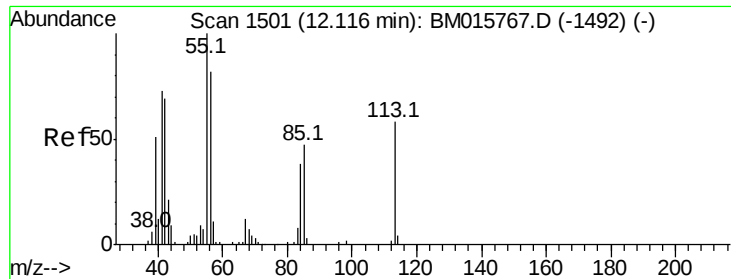
Sohil
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#34
Hexachlorobutadiene
Concen: 52.084 ng
RT: 11.42 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.5	47.9	71.9
227	64.0	50.1	75.1





#35

Caprolactam

Concen: 45.591 ng/mL

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:113 Resp: 75730

Ion Ratio Lower Upper

113 100

55 161.3 145.9 185.9

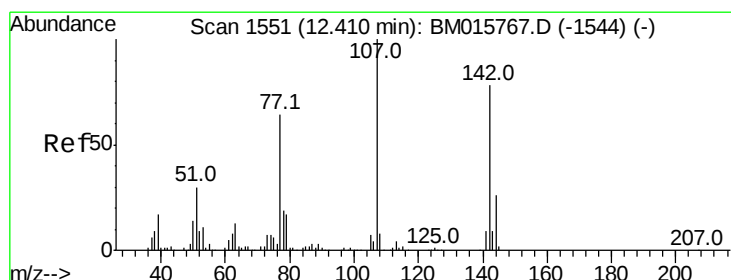
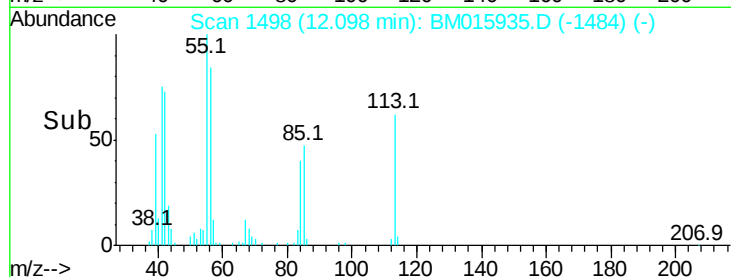
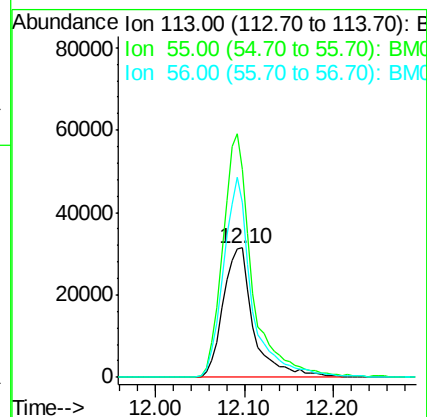
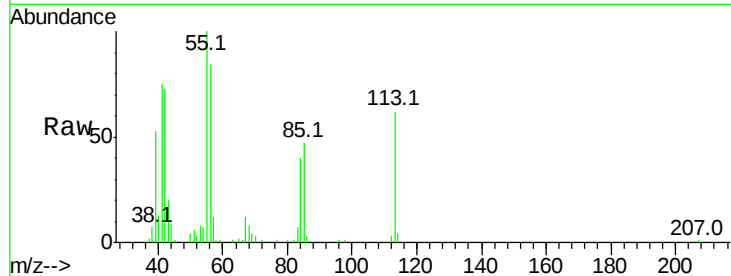
56 135.0 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 52.084 ng/mL

RT: 12.39 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

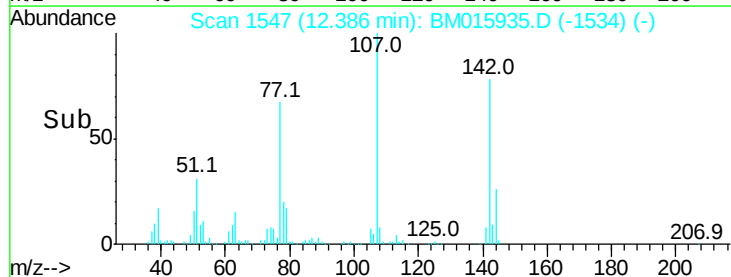
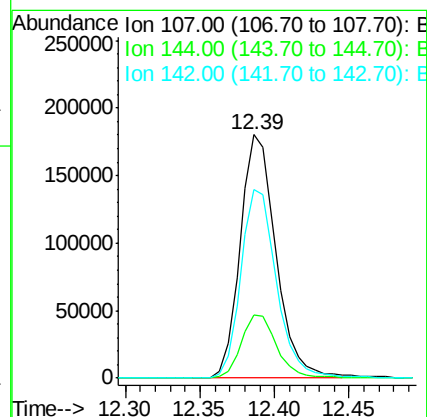
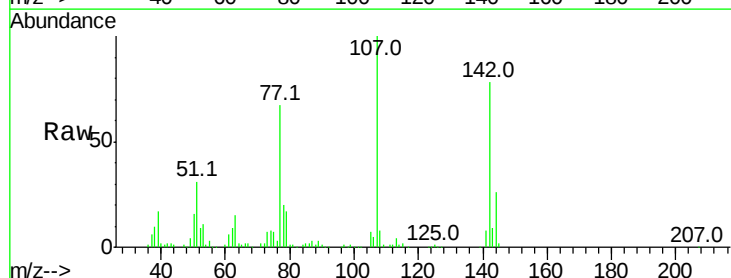
Tgt Ion:107 Resp: 299328

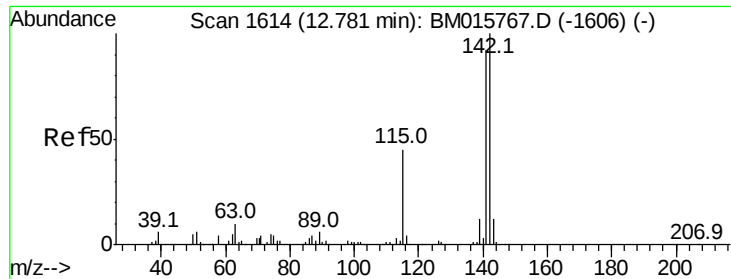
Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

142 77.5 72.6 109.0





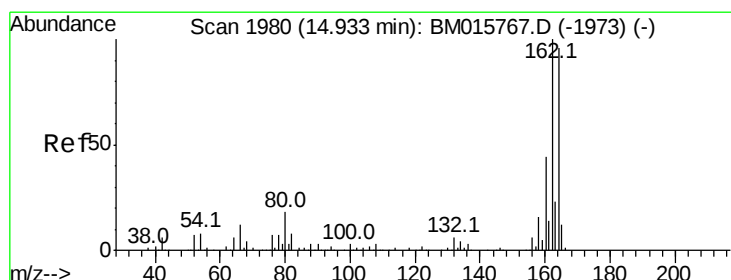
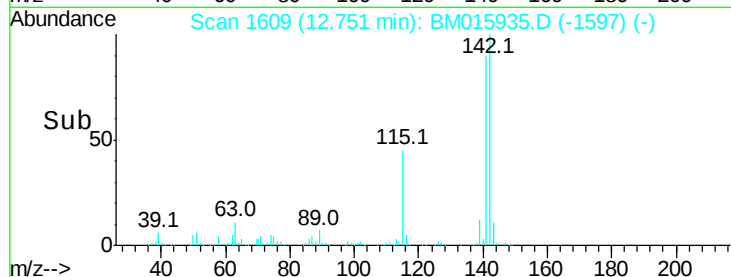
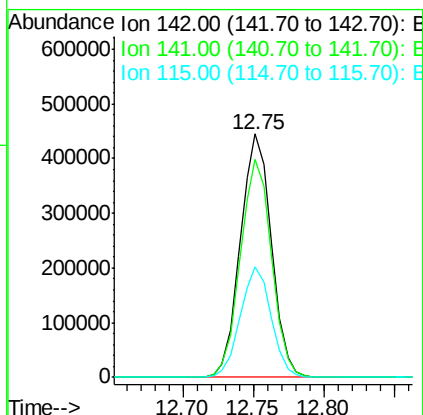
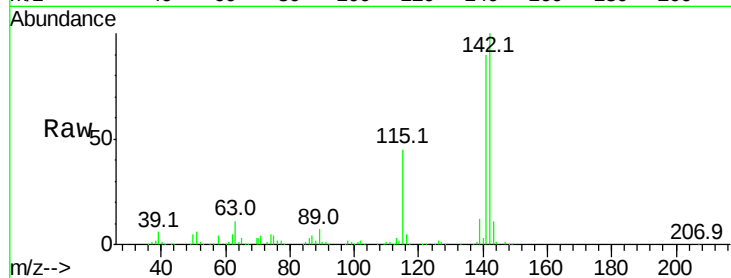
#37
2-Methylnaphthalene
Concen: 53.640 ng
RT: 12.75 min Scan# 1609
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	45.2	25.4	38.0

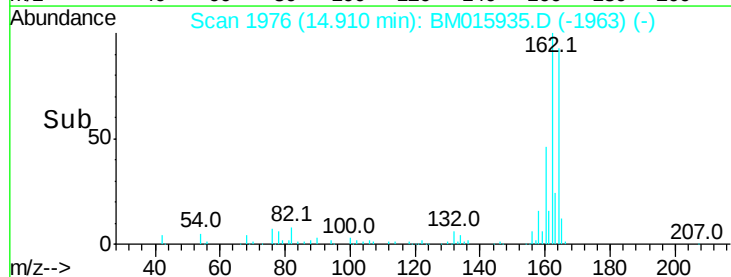
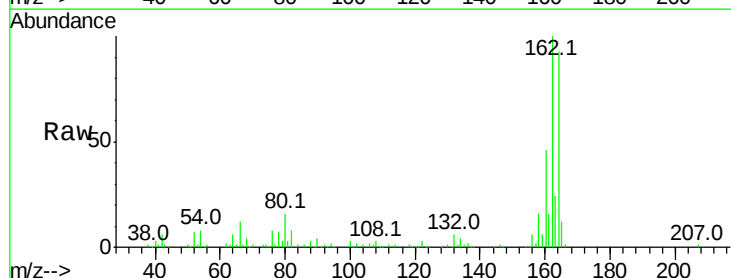
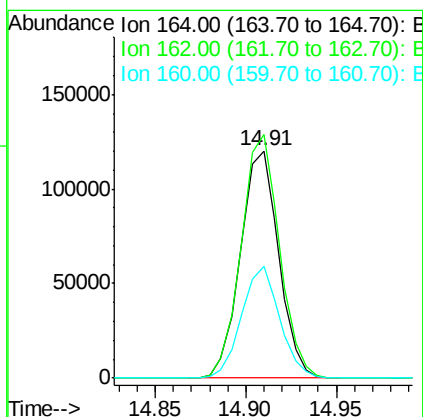
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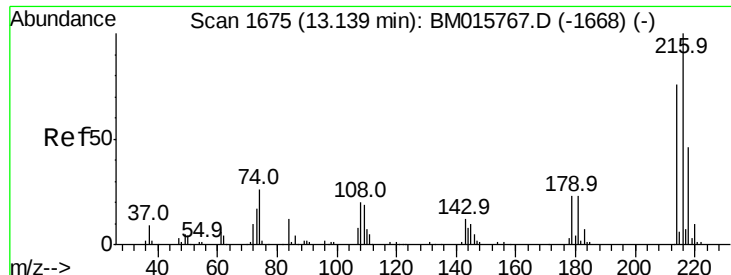
Sohil
7/13/2018 2:50:19 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	48.9	35.8	53.6





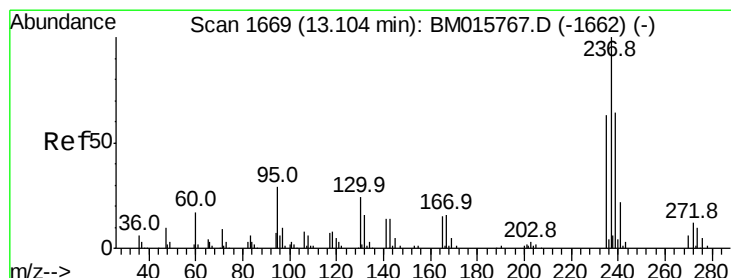
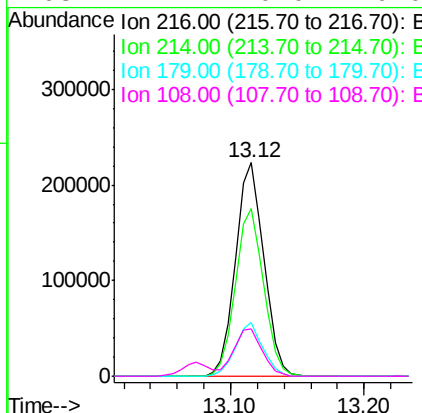
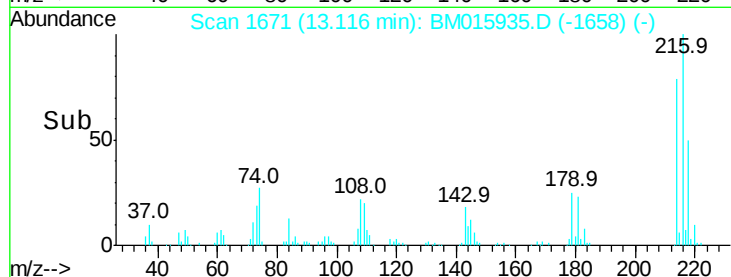
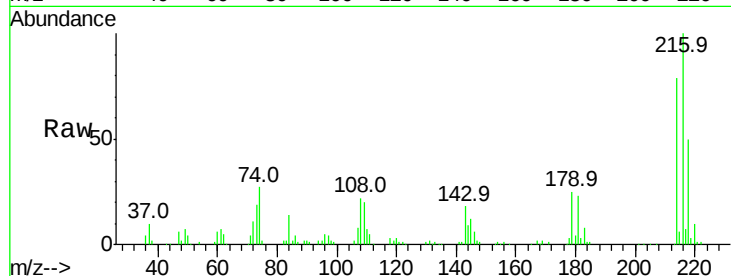
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.212 ng
 RT: 13.12 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	329148		
214	78.0	0.0	0.0	0.0
179	24.4	0.0	0.0	0.0
108	22.7	0.0	0.0	0.0

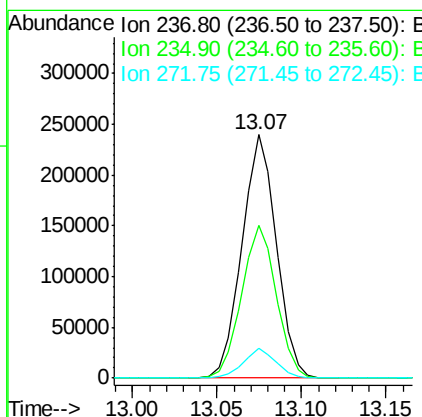
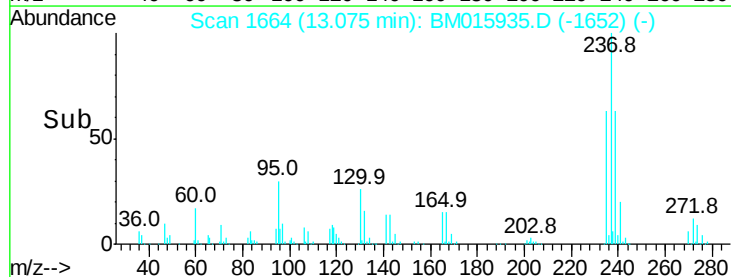
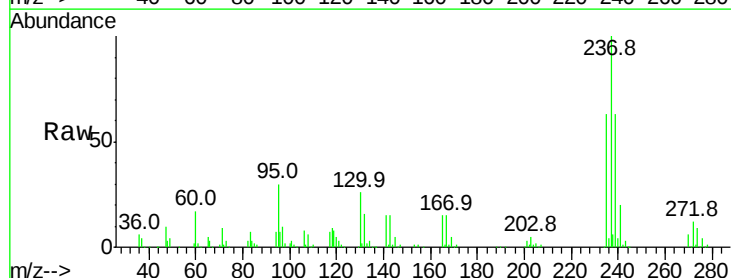
Manual Integrations
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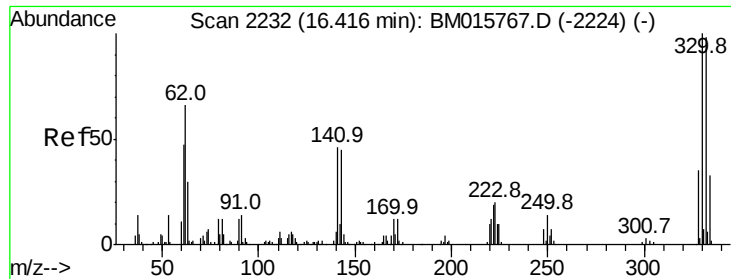
Sohil
 7/13/2018 2:50:19 PM



#40
 Hexachlorocyclopentadiene
 Concen: 123.271 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	340795		
235	62.8	42.0	82.0	
272	12.3	0.0	33.4	





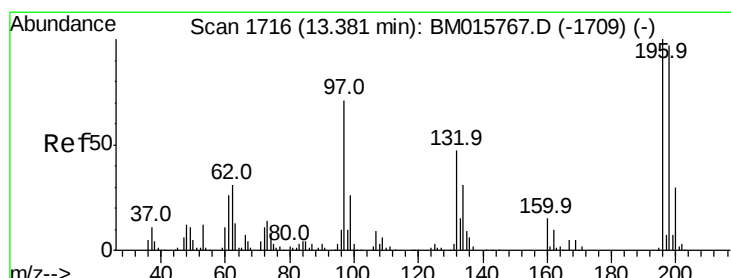
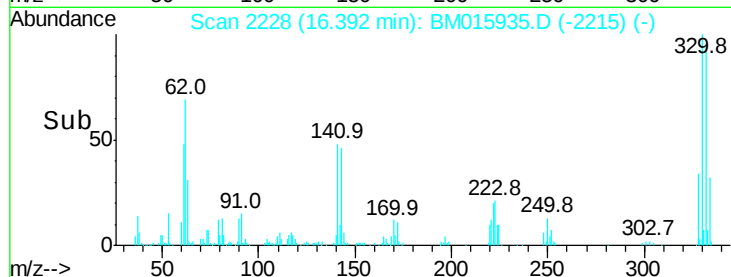
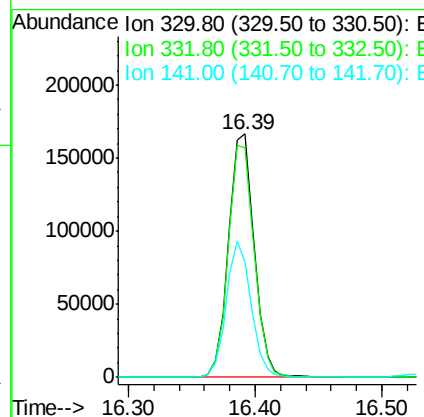
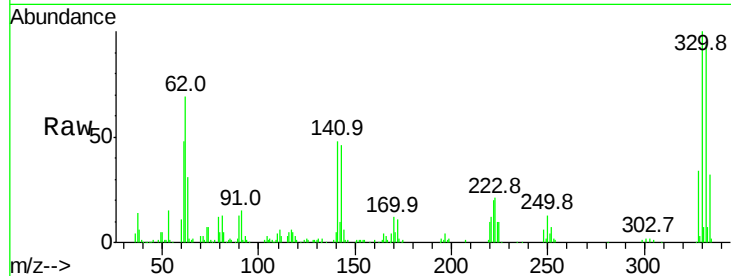
#41
 2,4,6-Tribromophenol
 Concen: 123.271 ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	54.2	0.0	0.0#

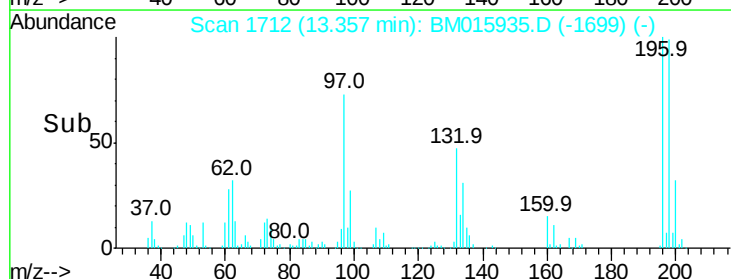
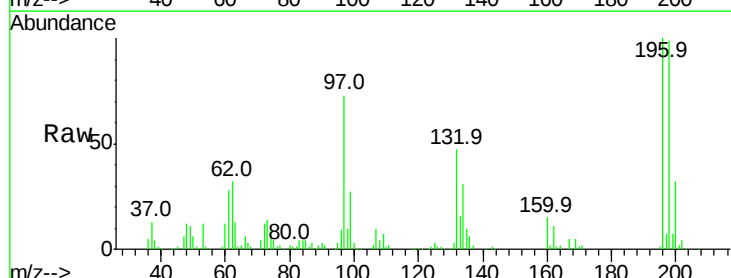
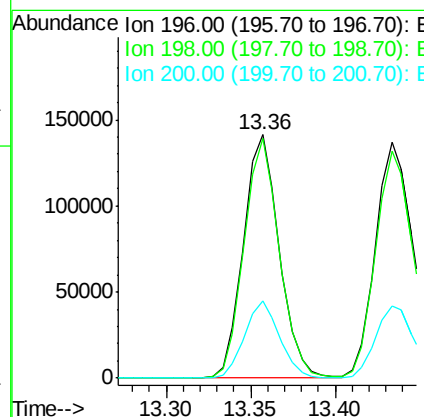
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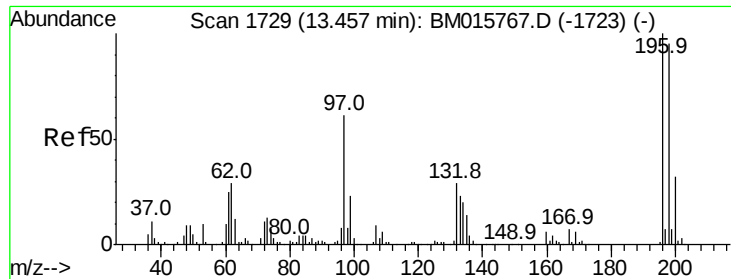
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 58.635 ng
 RT: 13.36 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.7	76.3	114.5
200	31.8	25.6	38.4





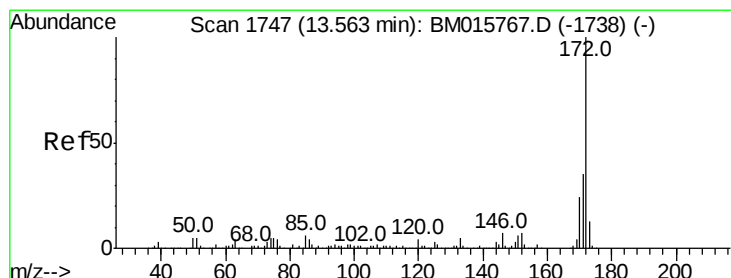
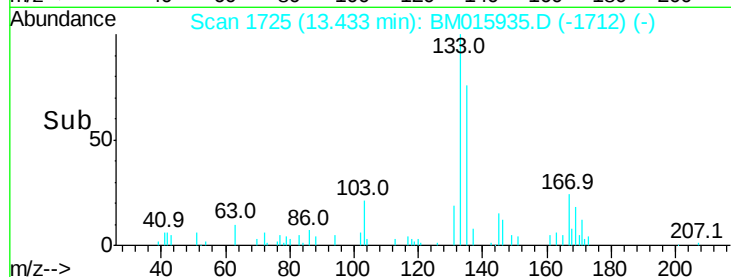
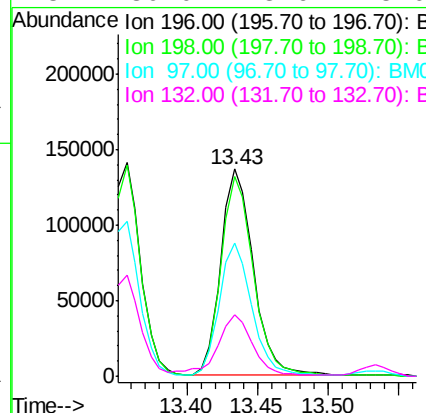
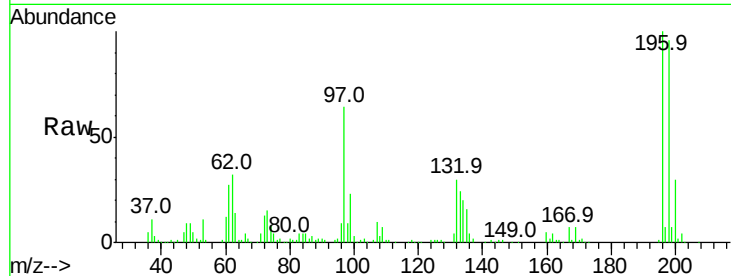
#43
 2,4,5-Trichlorophenol
 Concen: 56.119 ng
 RT: 13.43 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion:	196	Resp:	216676
Ion Ratio	Lower	Upper	
196	100		
198	96.4	79.4	119.0
97	64.1	26.8	40.2#
132	30.0	18.6	28.0#

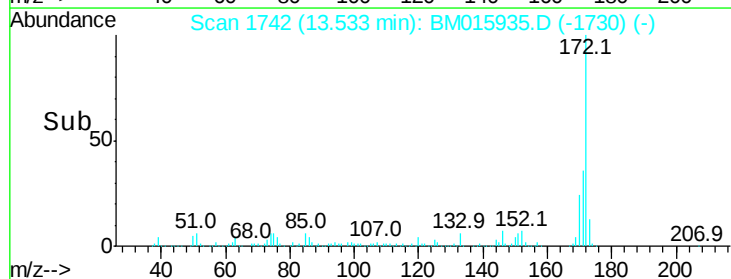
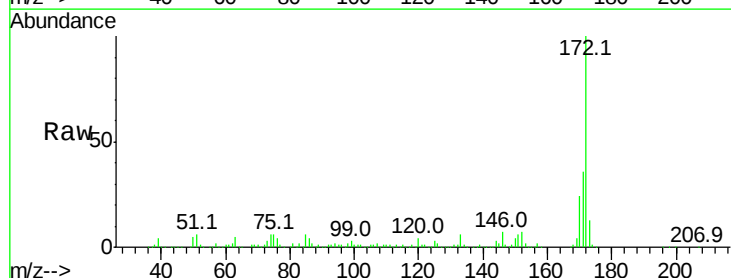
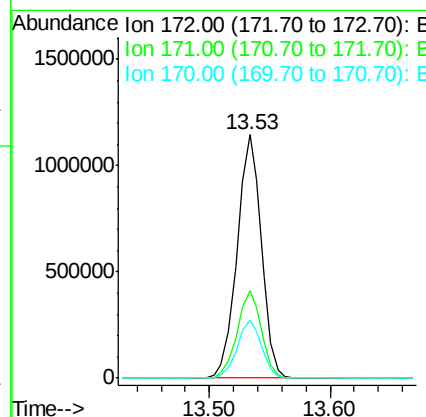
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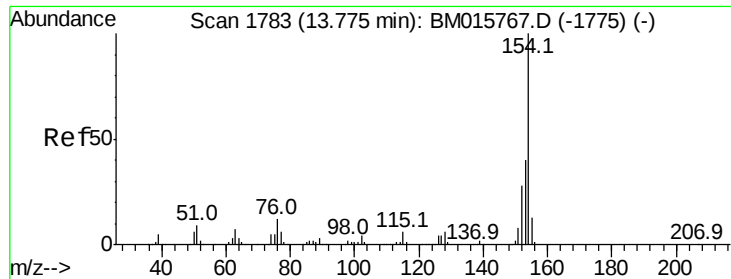
Sohil
 7/13/2018 2:50:19 PM



#44
 2-Fluorobiphenyl
 Concen: 56.119 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion:	172	Resp:	1597698
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.5	42.7
170	23.8	18.8	28.2





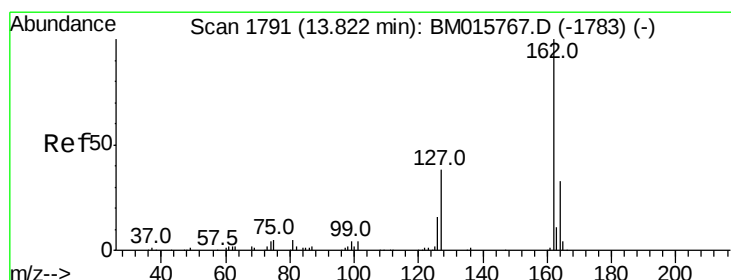
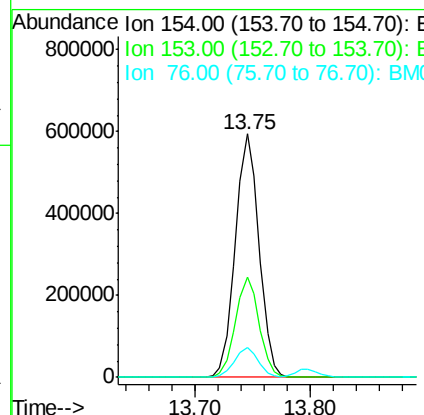
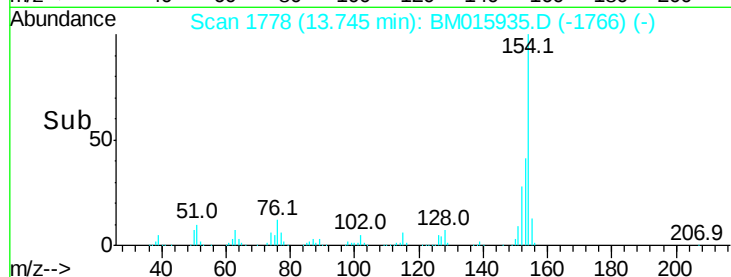
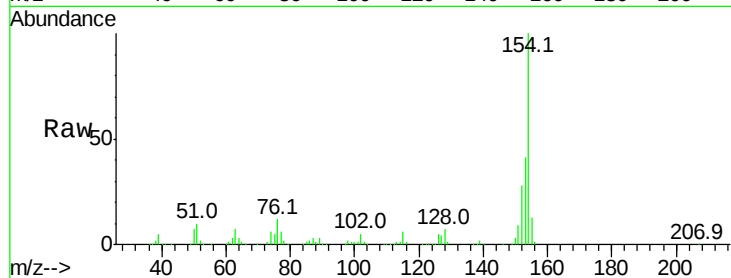
#45
 1,1'-Biphenyl
 Concen: 55.491 ng
 RT: 13.75 min Scan# 1778
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	12.1	0.0	30.9

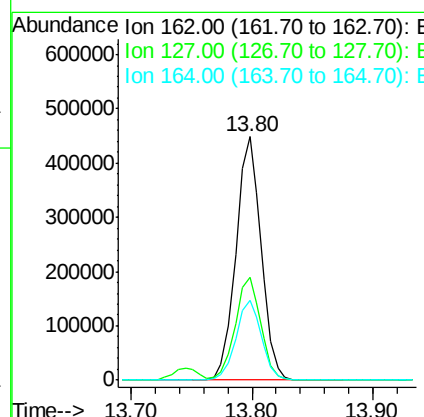
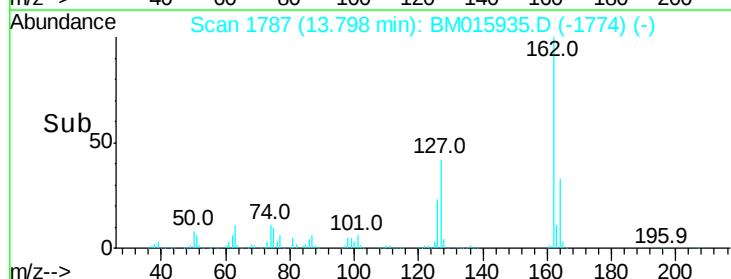
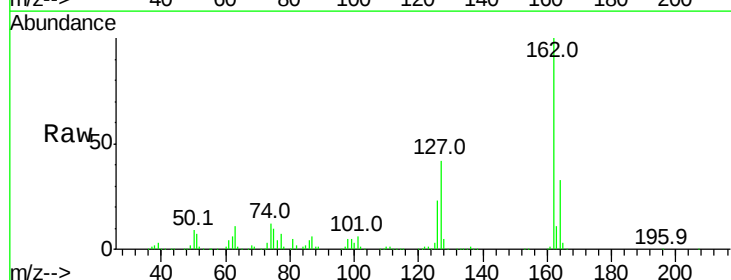
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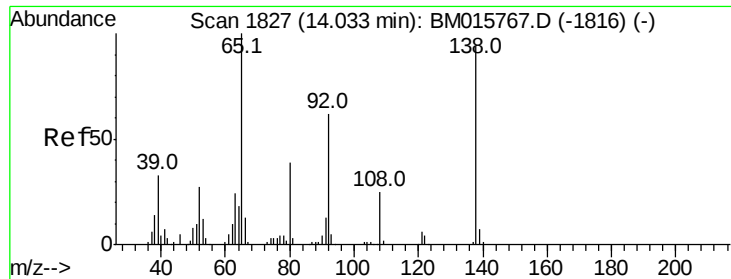
Sohil
 7/13/2018 2:50:19 PM



#46
 2-Chloronaphthalene
 Concen: 57.093 ng
 RT: 13.80 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	26.9	40.3#
164	32.7	26.8	40.2





#47

2-Nitroaniline

Concen: 54.618 ng

RT: 14.01 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion: 65 Resp: 216912

Ion Ratio Lower Upper

65 100

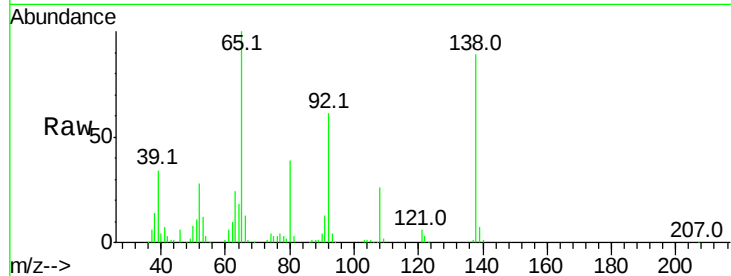
92 61.2 59.1 88.7

138 88.9 93.9 140.9#

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Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)

14.01

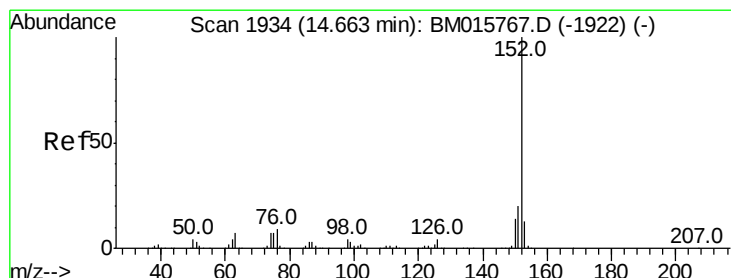
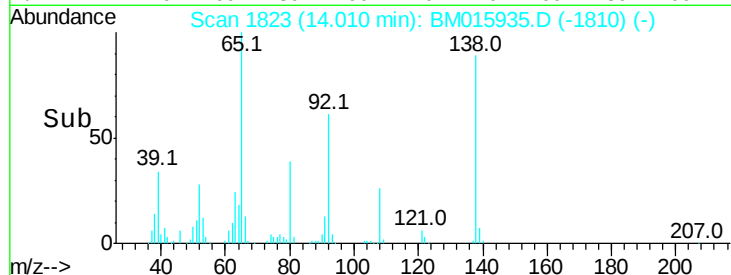
150000

100000

50000

0

Time-->



#48

Acenaphthylene

Concen: 55.747 ng

RT: 14.63 min Scan# 1929

Delta R.T. -0.03 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

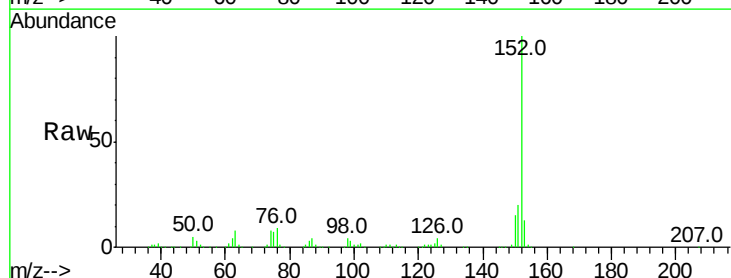
Tgt Ion: 152 Resp: 1032781

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)

14.63

800000

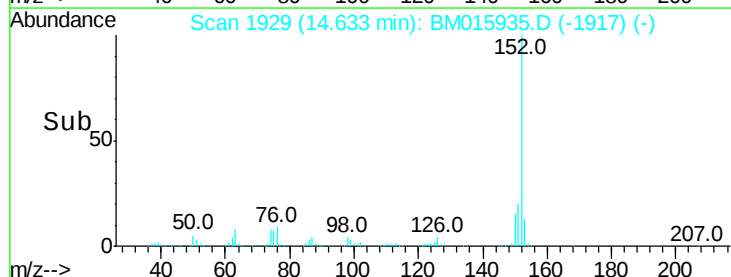
600000

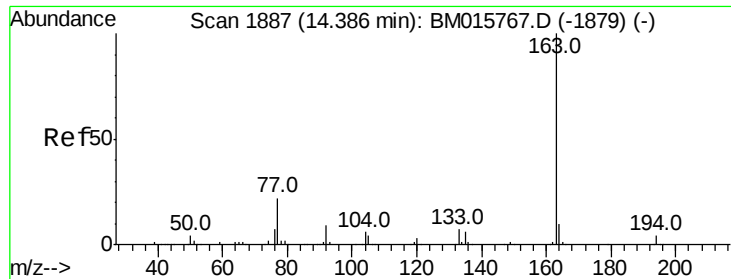
400000

200000

0

Time-->





#49

Dimethylphthalate

Concen: 51.819 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

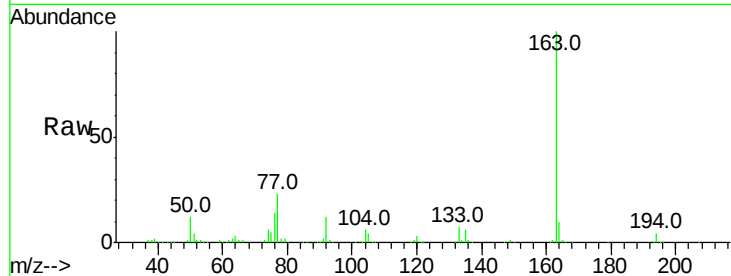
ClientSampleId :

PB111003BSD

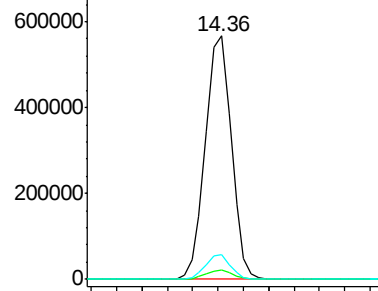
Tot Ion:	163	Resp:	805108
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

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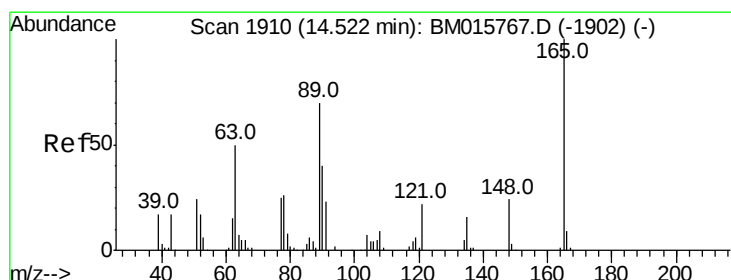
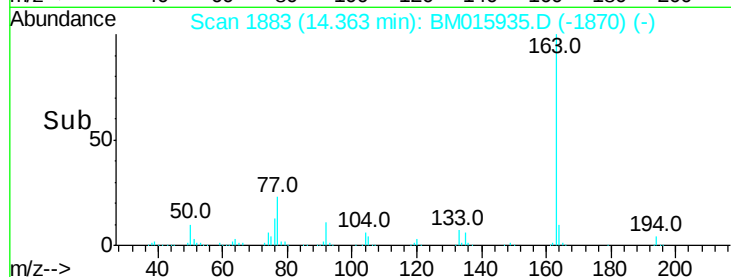
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#50

2,6-Dinitrotoluene

Concen: 55.524 ng

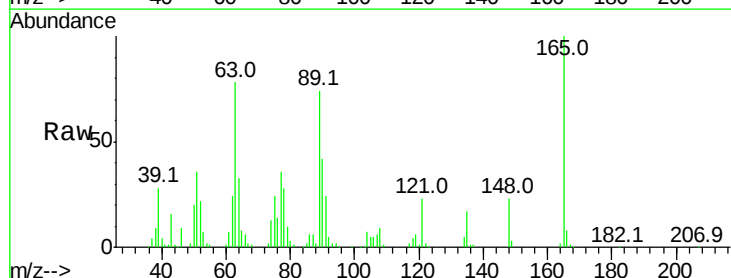
RT: 14.50 min Scan# 1906

Delta R.T. -0.02 min

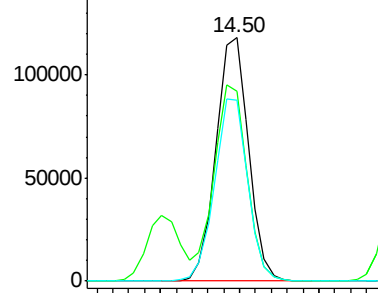
Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

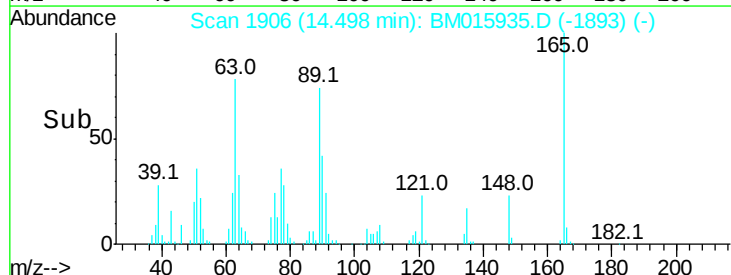
Tgt Ion:	165	Resp:	168202
Ion Ratio	Lower	Upper	
165	100		
63	78.1	44.1	66.1#
89	74.1	44.3	66.5#

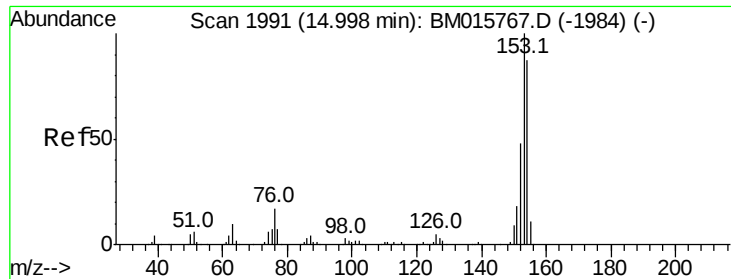


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0



Time-->





#51

Acenaphthene

Concen: 51.663 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:154 Resp: 595574

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

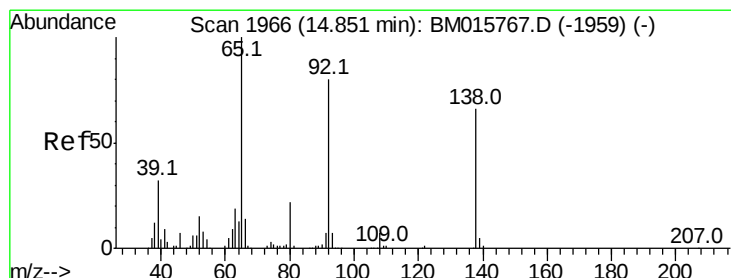
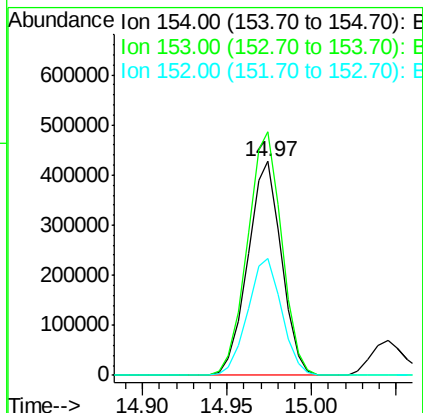
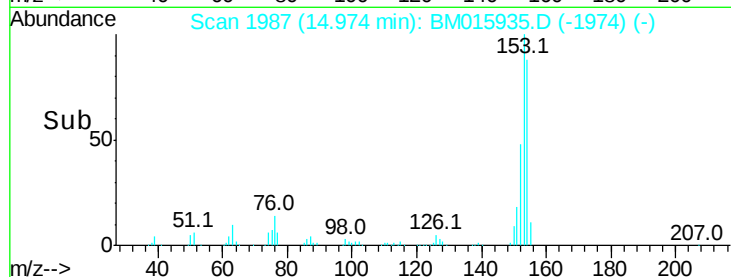
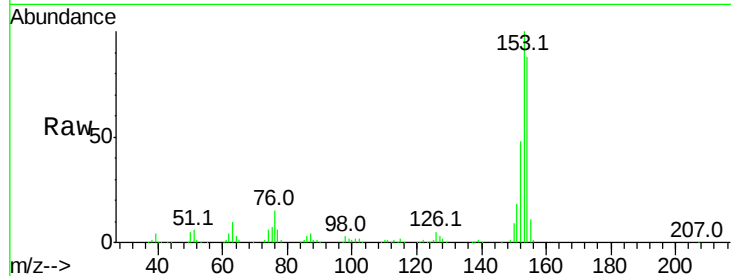
152 54.6 42.6 63.8

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#52

3-Nitroaniline

Concen: 36.708 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

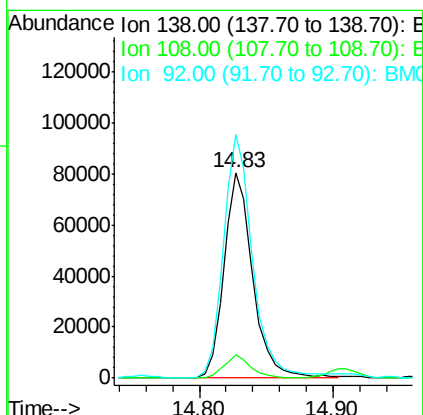
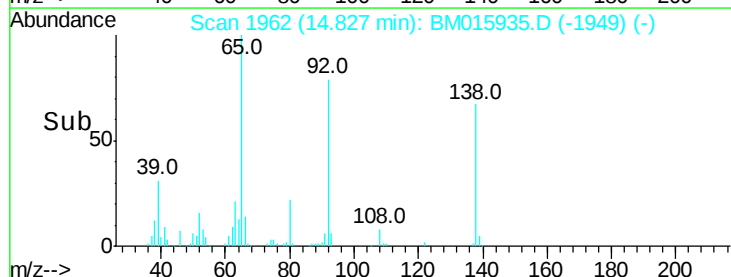
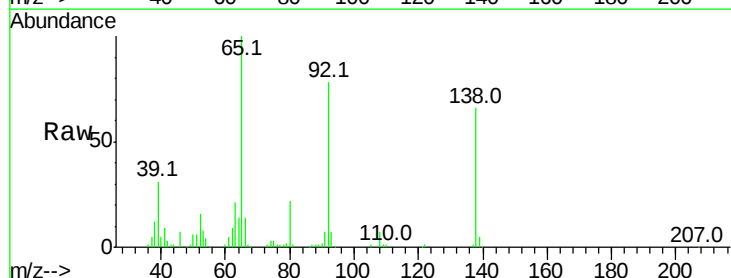
Tgt Ion:138 Resp: 121716

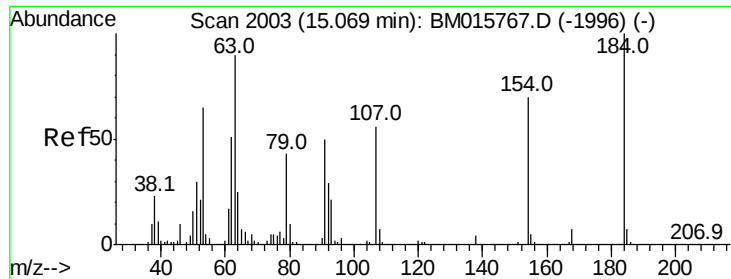
Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

92 118.5 76.6 114.8#





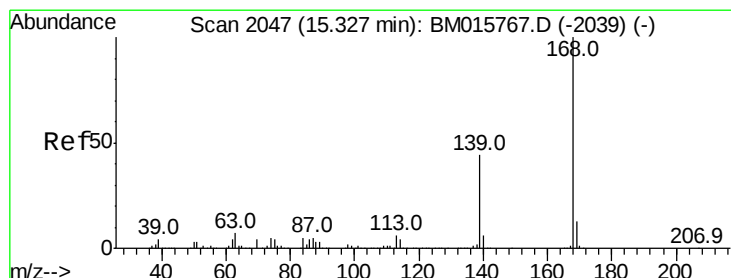
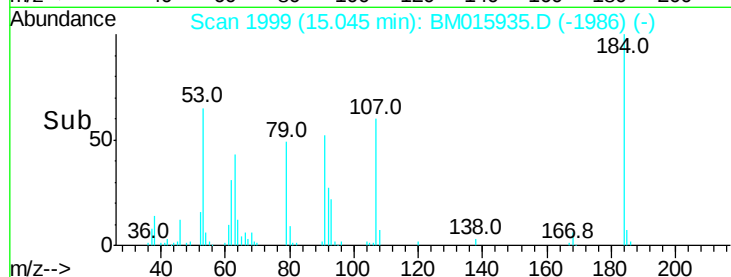
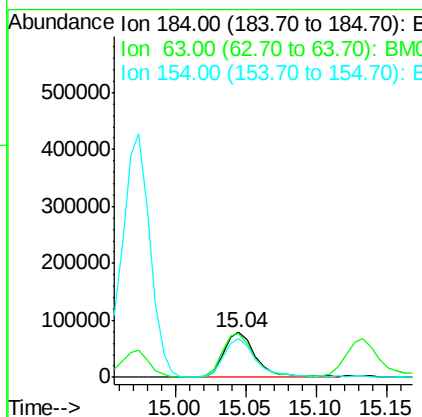
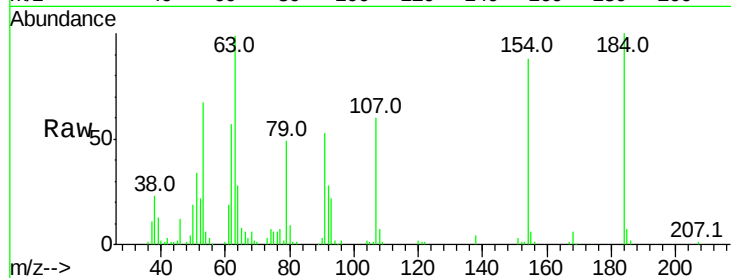
#53
2,4-Dinitrophenol
Concen: 82.780 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	99.3	69.2	103.8	
154	87.9	53.3	79.9#	

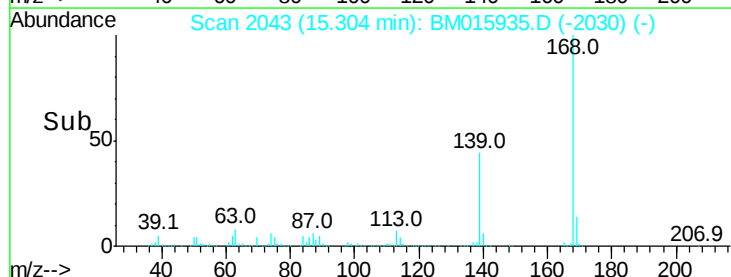
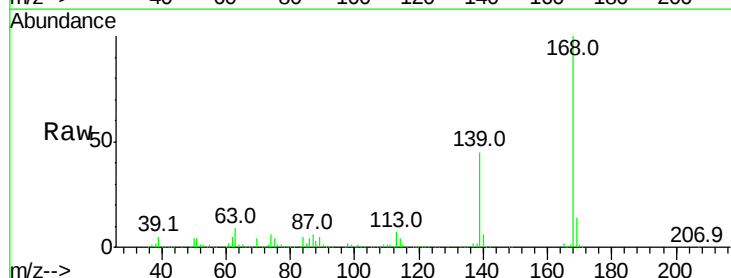
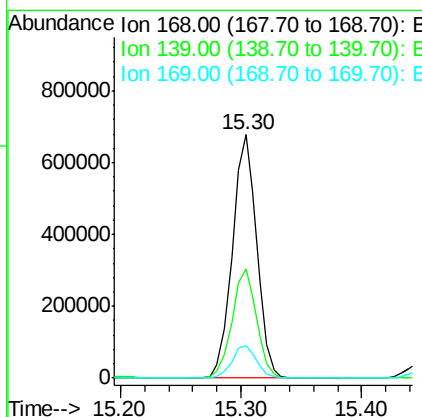
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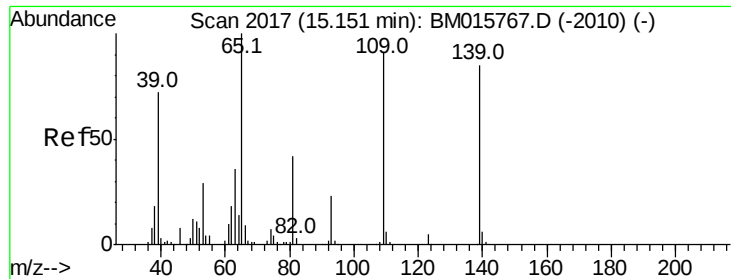
Sohil
7/13/2018 2:50:19 PM



#54
Dibenzofuran
Concen: 53.458 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.8	27.3	40.9#	
169	13.5	10.6	16.0	





#55

4-Nitrophenol

Concen: 100.159 ng

RT: 15.13 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:139 Resp: 245102
Ion Ratio Lower Upper

139 100

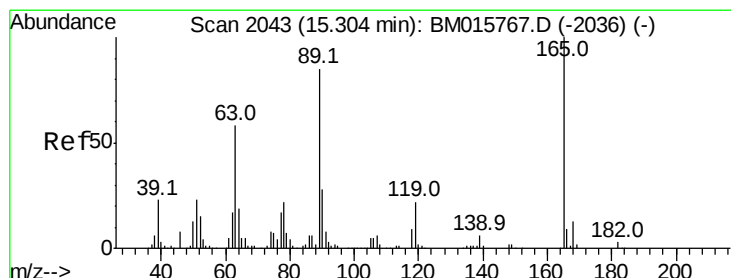
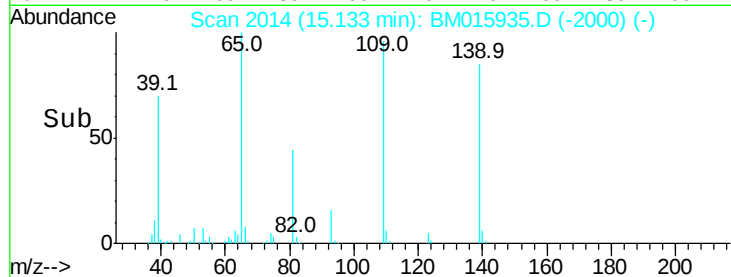
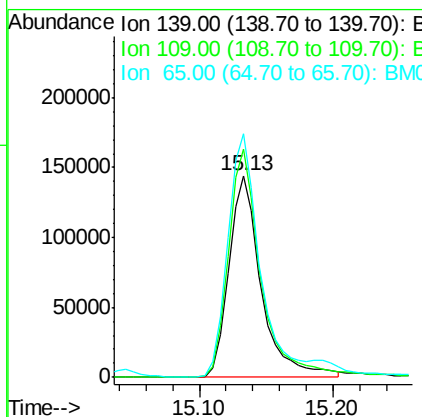
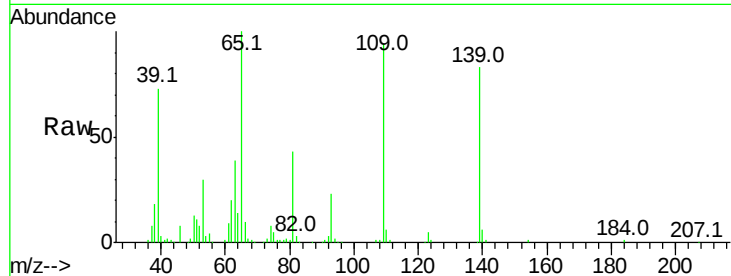
109 113.1 130.0 170.0#

65 120.9 130.0 170.0#

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#56

2,4-Dinitrotoluene

Concen: 52.516 ng

RT: 15.28 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

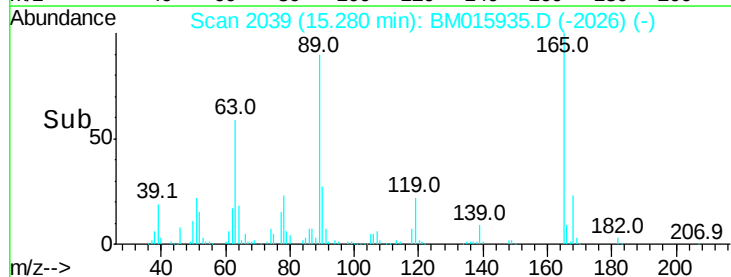
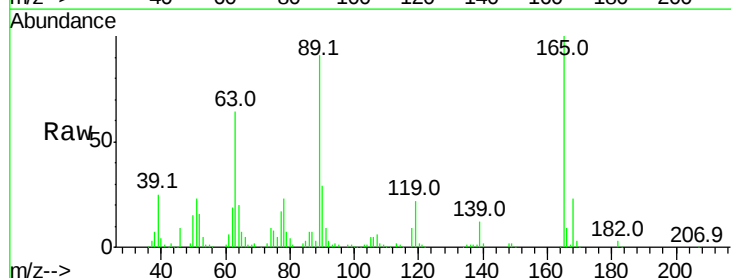
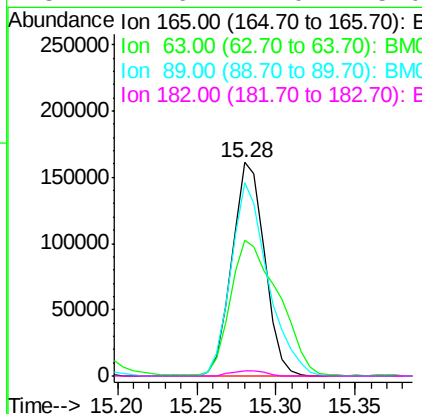
Tgt Ion:165 Resp: 229683
Ion Ratio Lower Upper

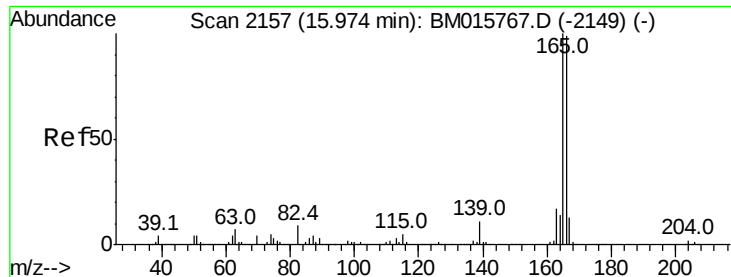
165 100

63 63.5 52.4 78.6

89 90.6 72.4 108.6

182 2.6 2.0 3.0





#57

Fluorene

Concen: 51.461 ng

RT: 15.95 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:166 Resp: 753838

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.4

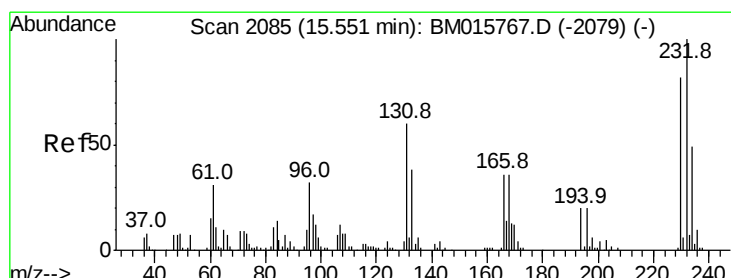
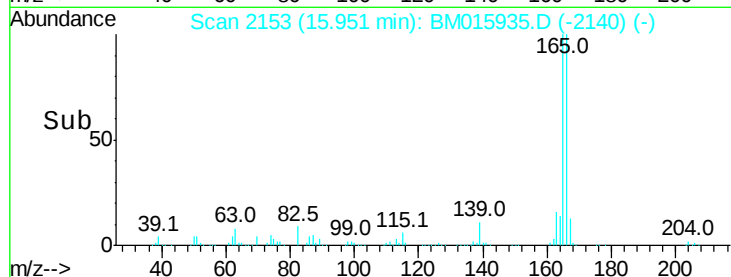
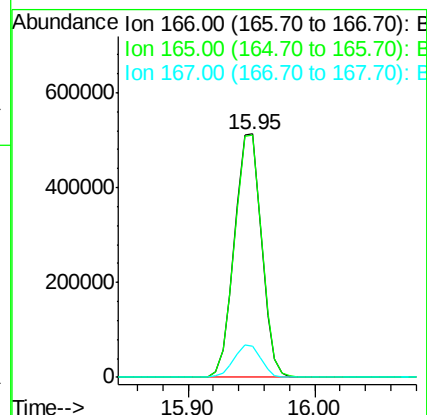
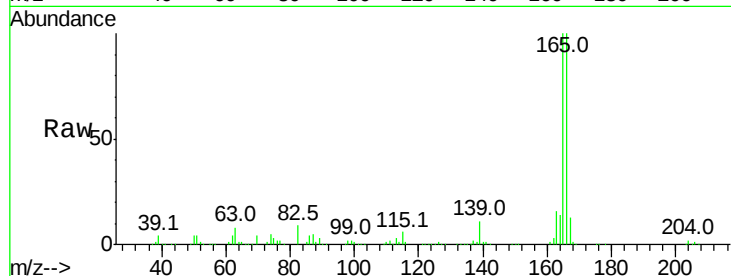
167 12.9 10.3 15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.455 ng

RT: 15.53 min Scan# 2081

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:232 Resp: 180675

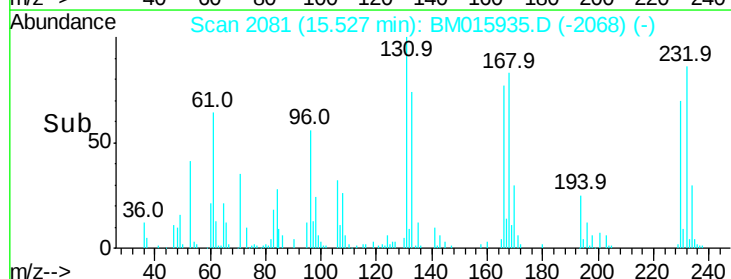
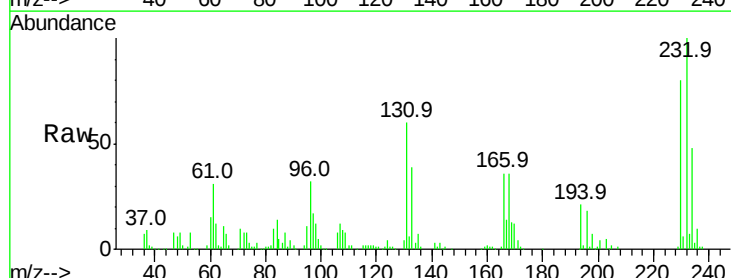
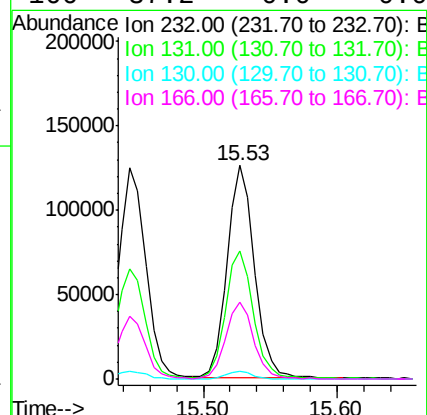
Ion Ratio Lower Upper

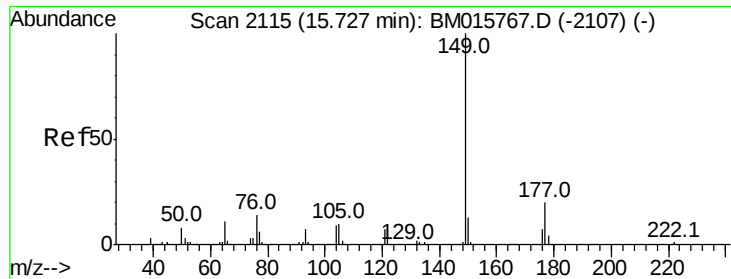
232 100

131 61.3 0.0 0.0#

130 3.8 0.0 0.0#

166 37.2 0.0 0.0#





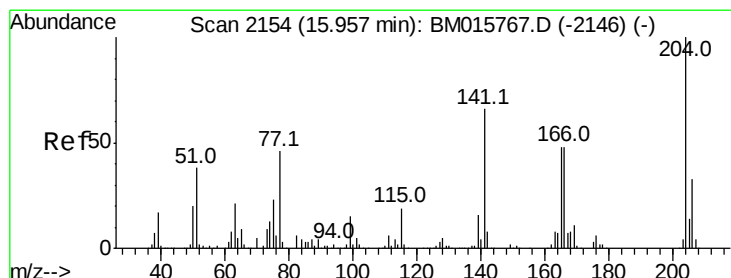
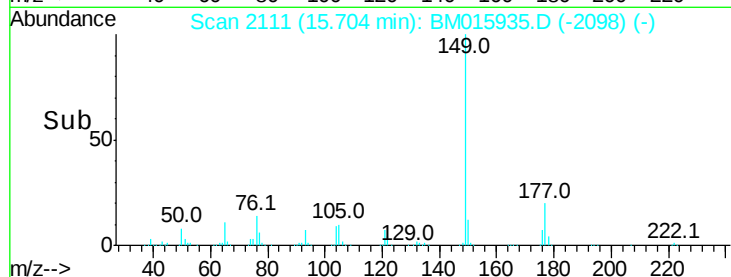
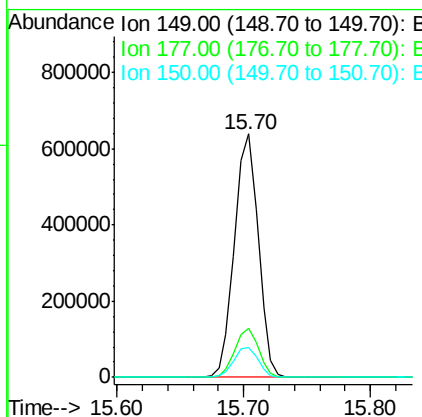
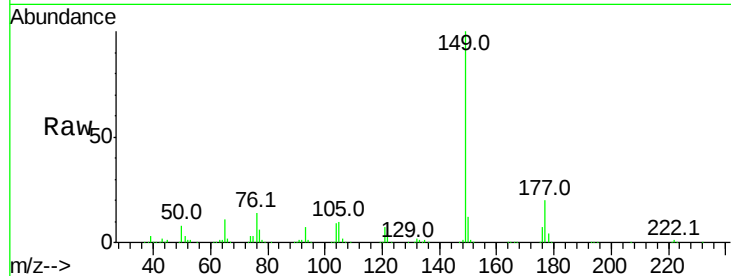
#59
Diethylphthalate
Concen: 49.700 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	827491		
177	20.3	18.3	27.5	
150	12.3	9.8	14.8	

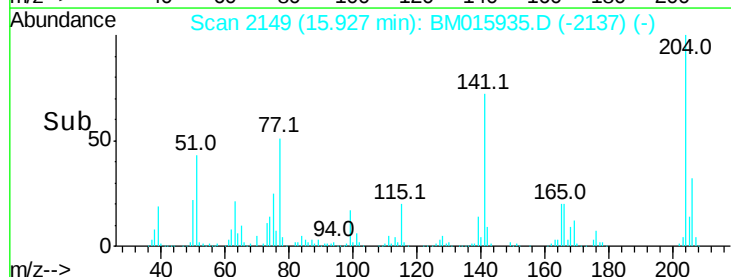
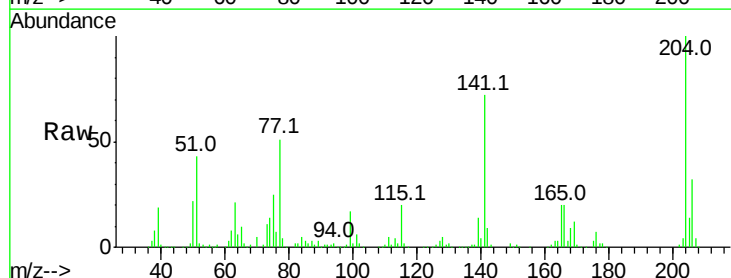
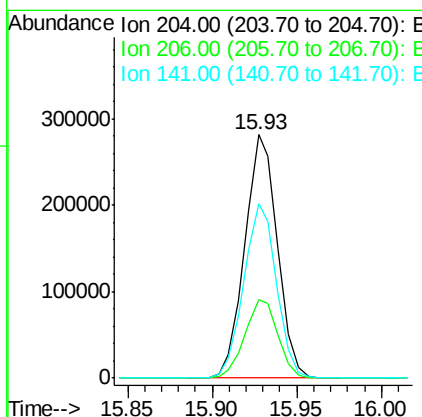
Manual Integrations
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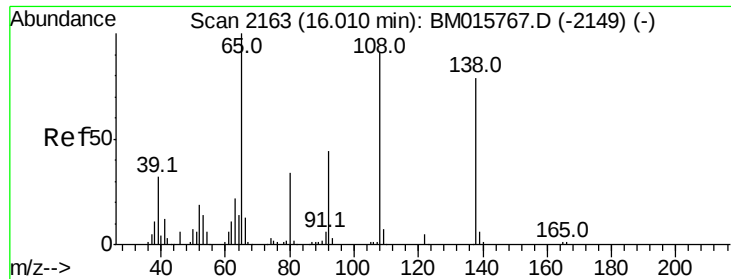
Sohil
7/13/2018 2:50:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.072 ng
RT: 15.93 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	377423		
206	32.1	26.6	39.8	
141	71.8	45.2	67.8	





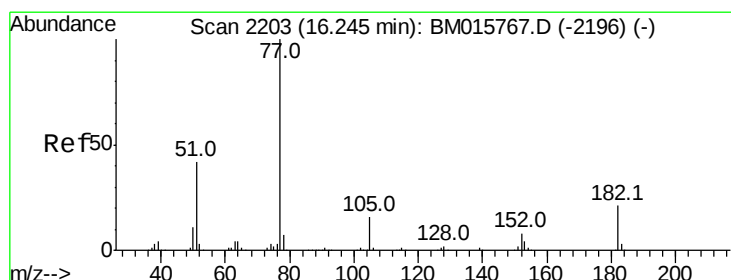
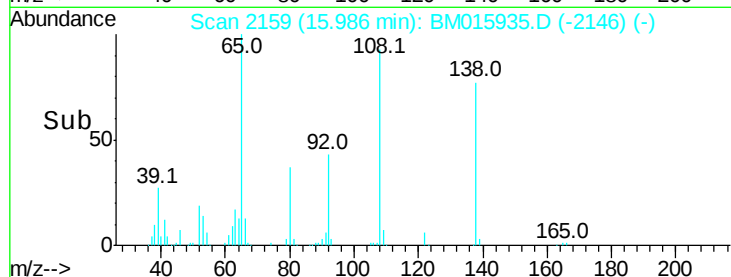
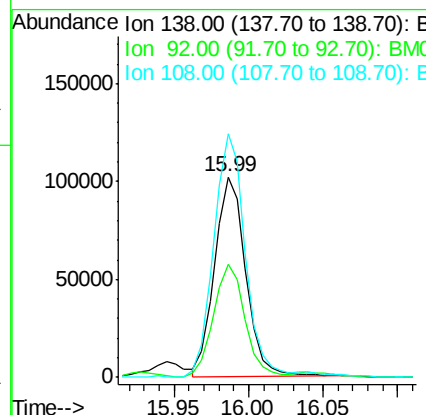
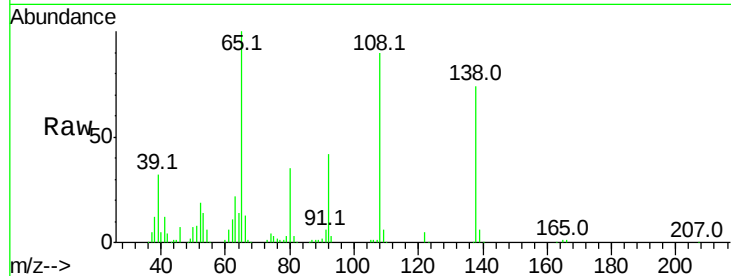
#61
4-Nitroaniline
Concen: 43.334 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.4	16.7	56.7
108	121.4	37.6	77.6

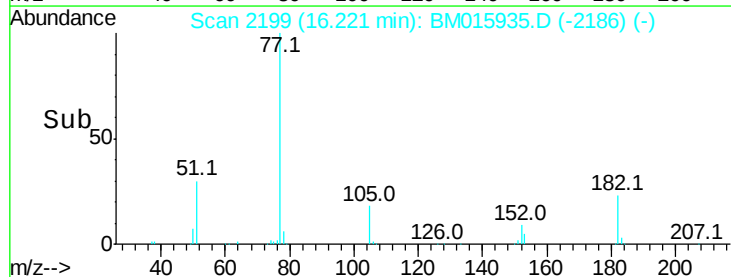
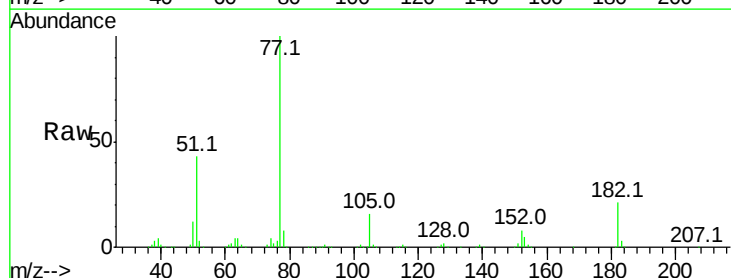
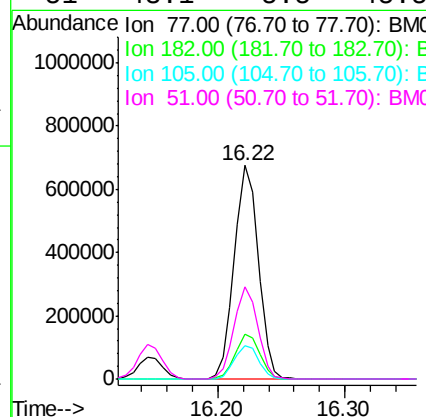
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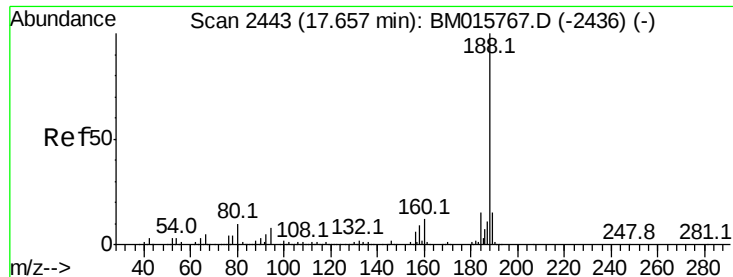
Sohil
7/13/2018 2:50:19 PM



#62
Azobenzene
Concen: 56.841 ng
RT: 16.22 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	6.5	46.5
105	15.8	3.8	43.8
51	43.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.63 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

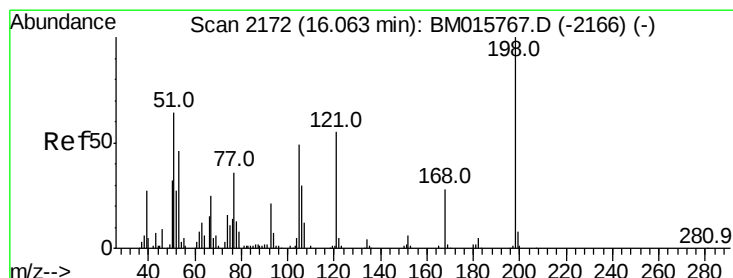
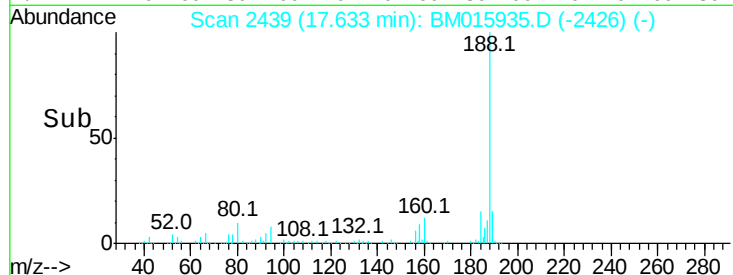
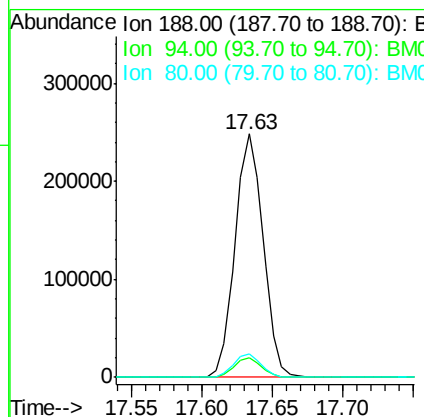
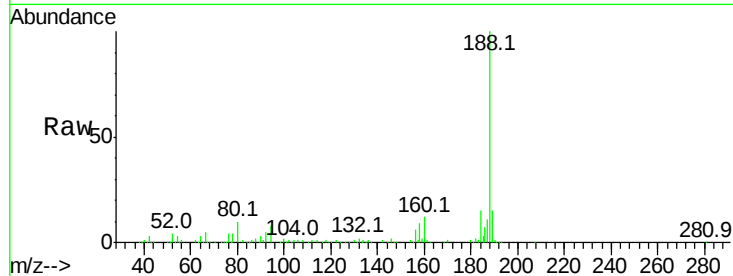
ClientSampleId :

PB111003BSD

Tot Ion:	188	Resp:	345359
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.7	13.1#
80	9.5	9.3	13.9

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Sohil
7/13/2018 2:50:19 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 47.305 ng

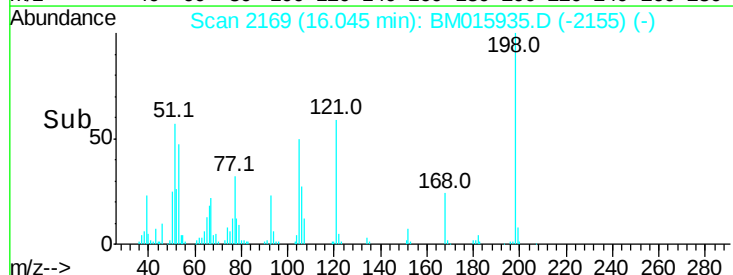
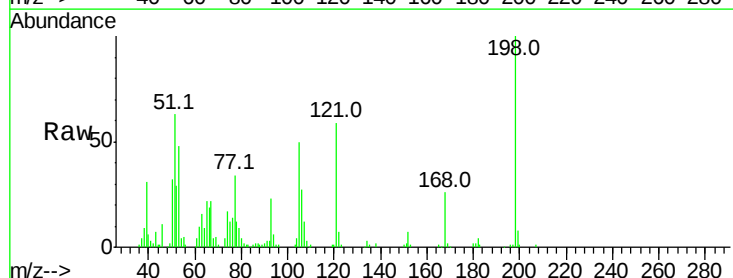
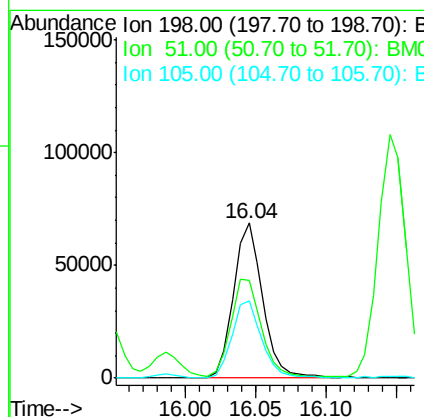
RT: 16.04 min Scan# 2169

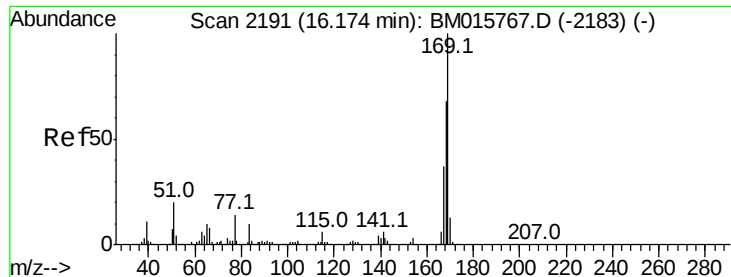
Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:	198	Resp:	99318
Ion Ratio	Lower	Upper	
198	100		
51	63.0	28.8	68.8
105	49.9	30.5	70.5





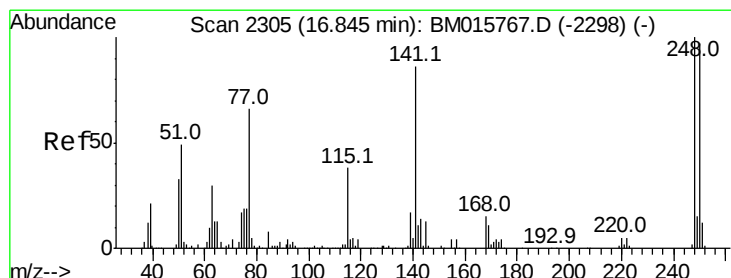
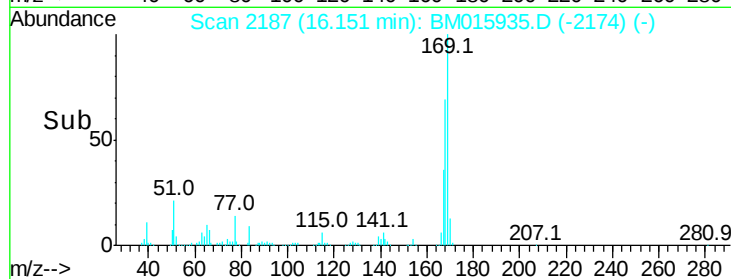
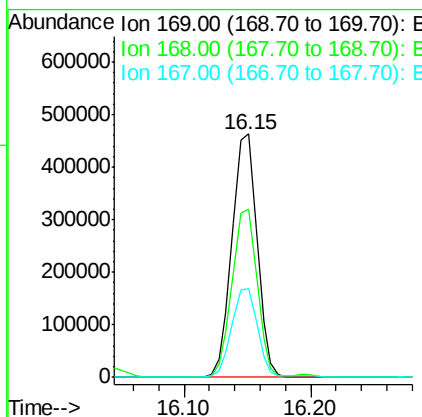
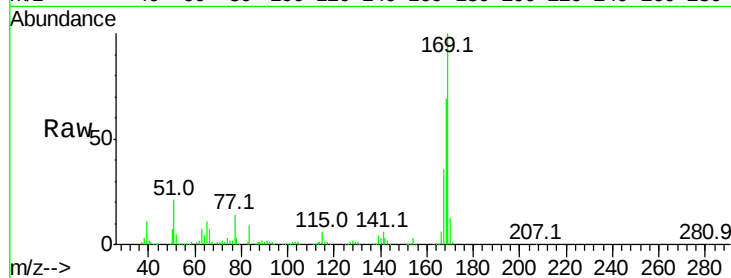
#65
n-Nitrosodiphenylamine
Concen: 53.703 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	635513		
168	69.2		53.9	80.9
167	36.4		28.9	43.3

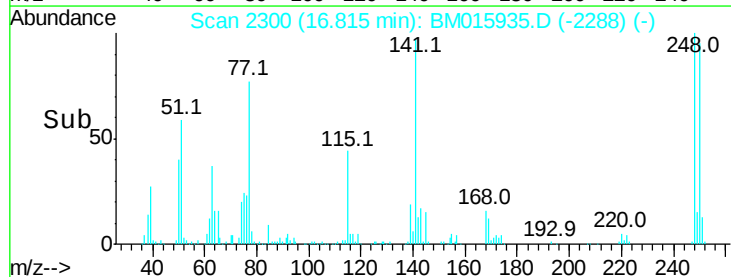
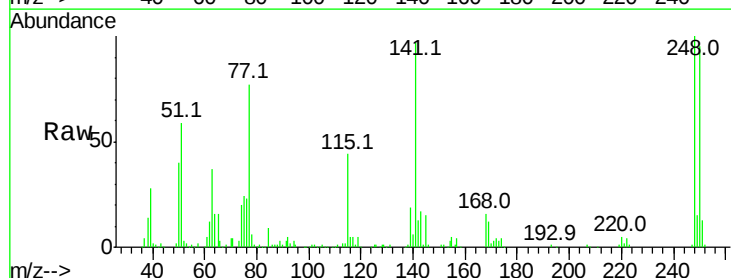
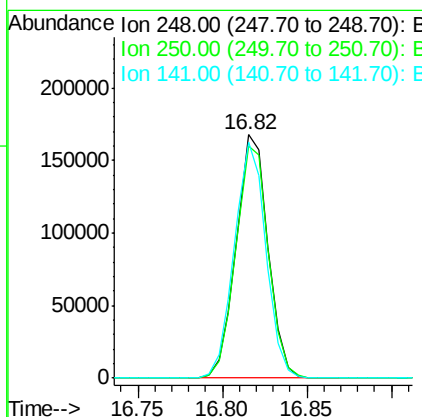
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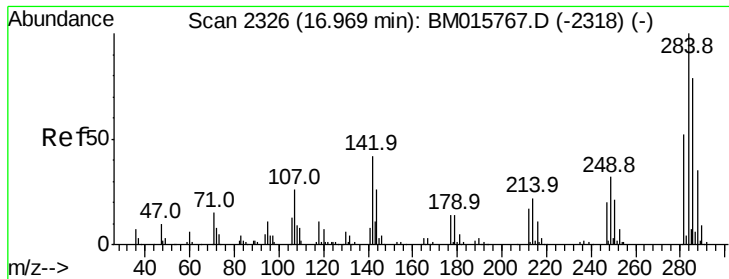
Sohil
7/13/2018 2:50:19 PM



#66
4-Bromophenyl-phenylether
Concen: 57.221 ng
RT: 16.82 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	220644		
250	95.2		77.4	116.0
141	97.0		45.2	67.8#





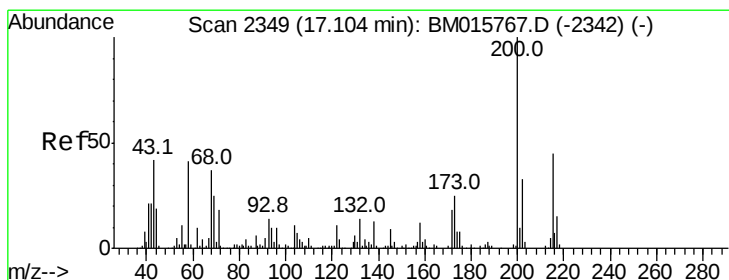
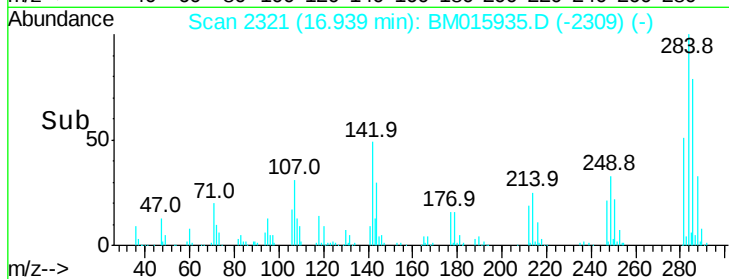
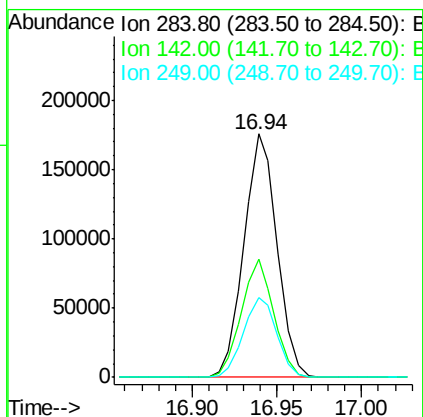
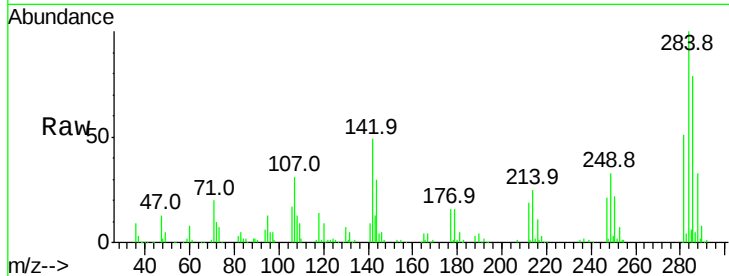
#67
Hexachlorobenzene
Concen: 55.598 ng
RT: 16.94 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	239566		
142	48.7	20.4	30.6	#
249	32.7	23.8	35.6	

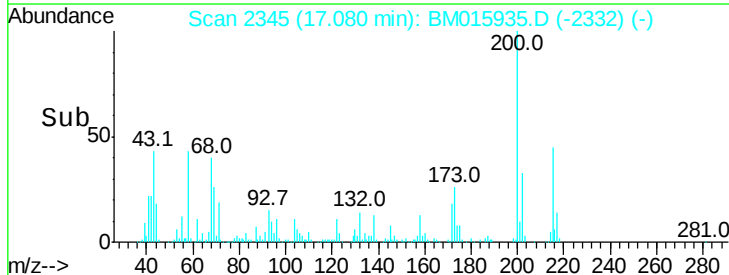
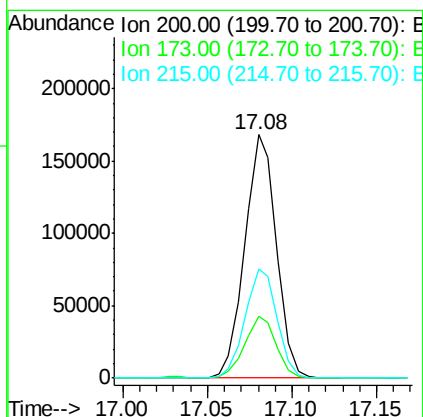
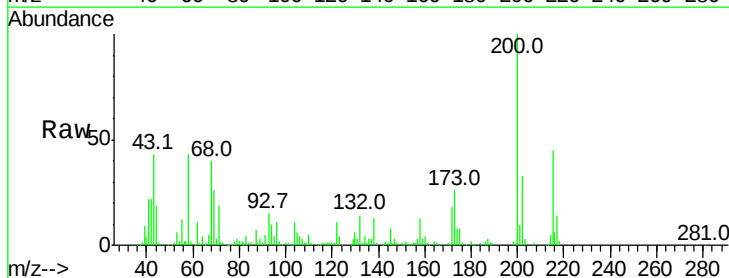
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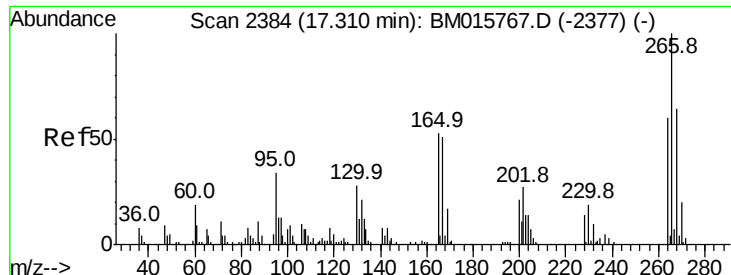
Sohil
7/13/2018 2:50:19 PM



#68
Atrazine
Concen: 56.236 ng
RT: 17.08 min Scan# 2345
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218894		
173	25.6	4.8	44.8	
215	44.8	26.9	66.9	





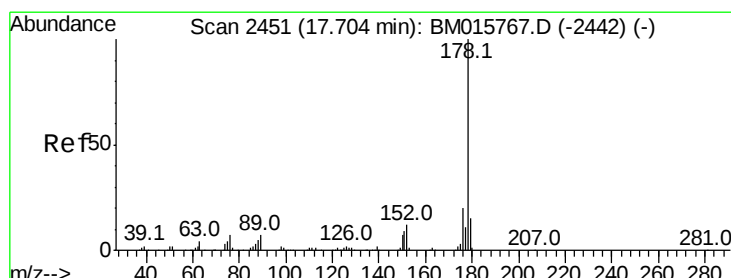
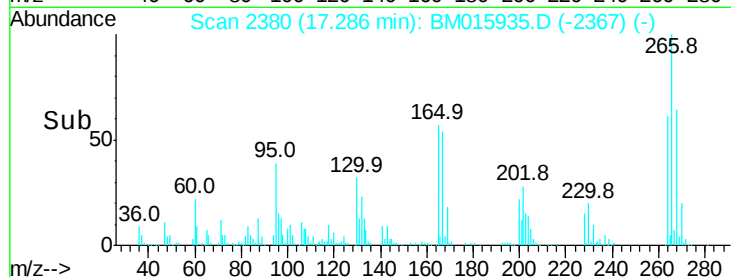
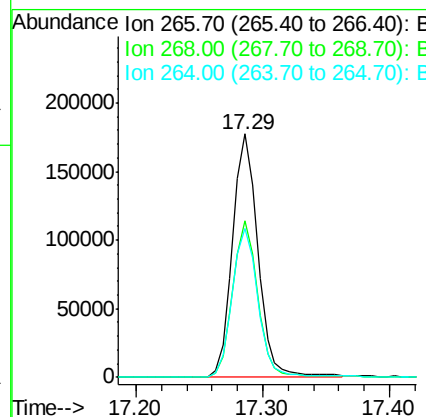
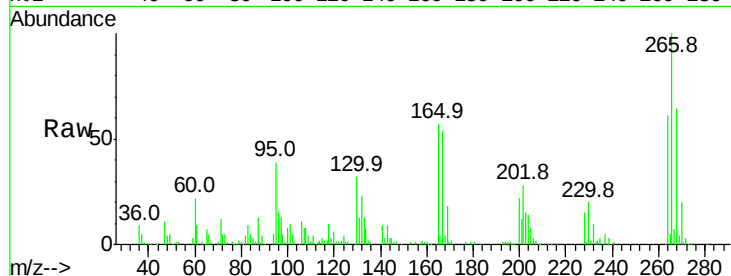
#69
 Pentachlorophenol
 Concen: 92.715 ng
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.0	78.0
264	61.1	49.0	73.4

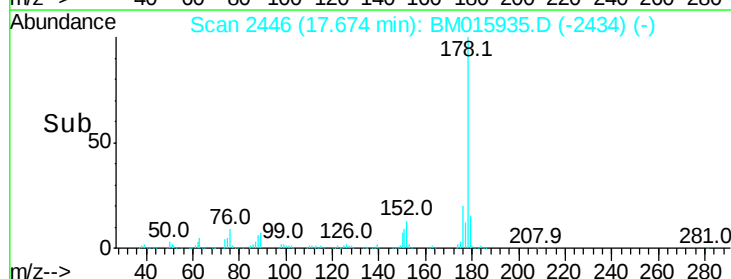
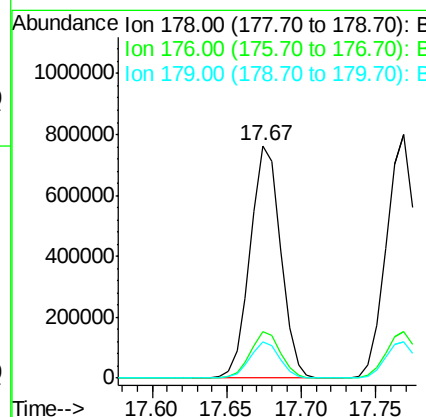
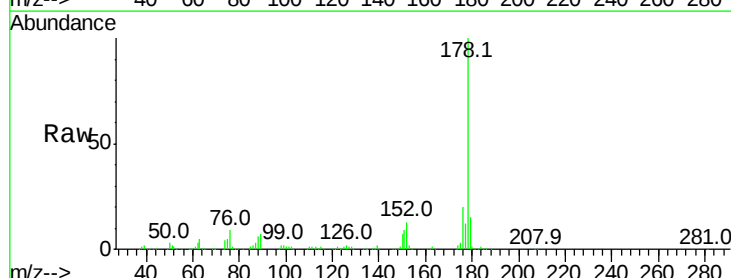
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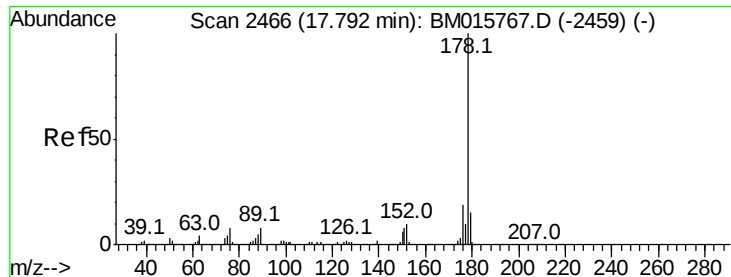
Sohil
 7/13/2018 2:50:19 PM



#70
 Phenanthrene
 Concen: 54.321 ng
 RT: 17.67 min Scan# 2446
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.3	12.1	18.1





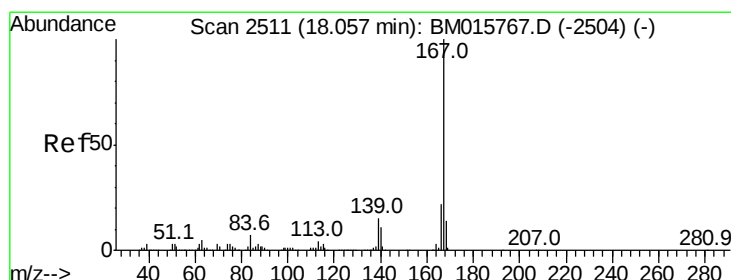
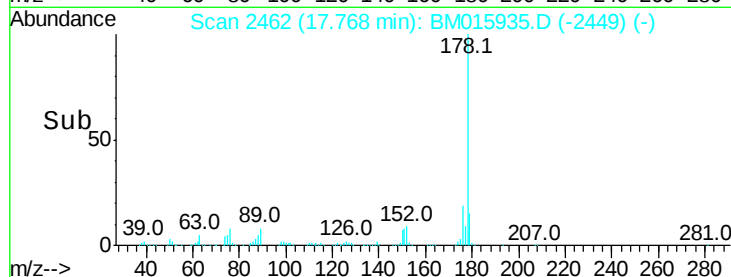
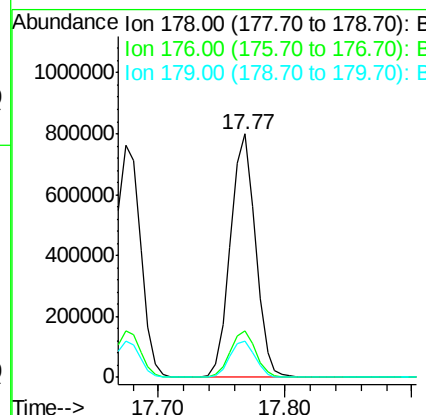
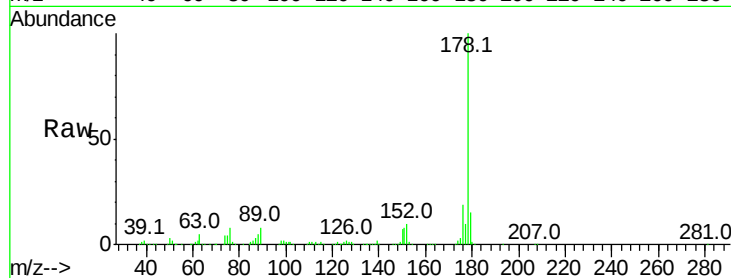
#71
 Anthracene
 Concen: 56.056 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.1	12.6	19.0

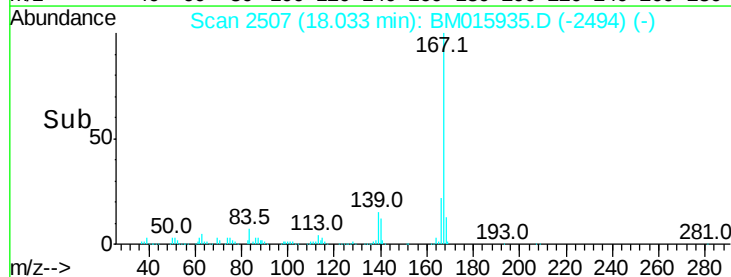
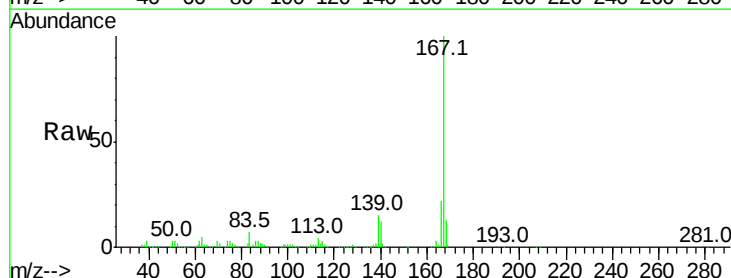
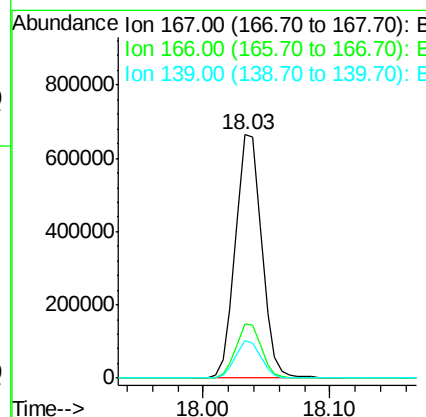
Manual Integrations
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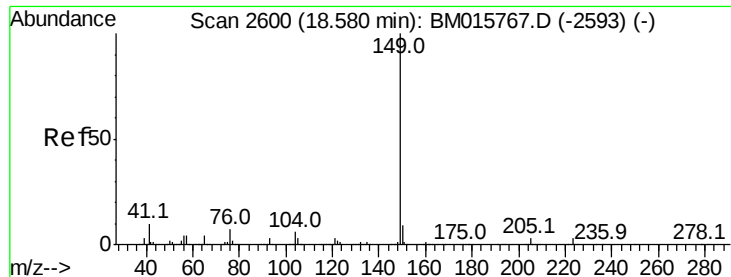
Sohil
 7/13/2018 2:50:19 PM



#72
 Carbazole
 Concen: 52.657 ng
 RT: 18.03 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	15.2	10.8	16.2





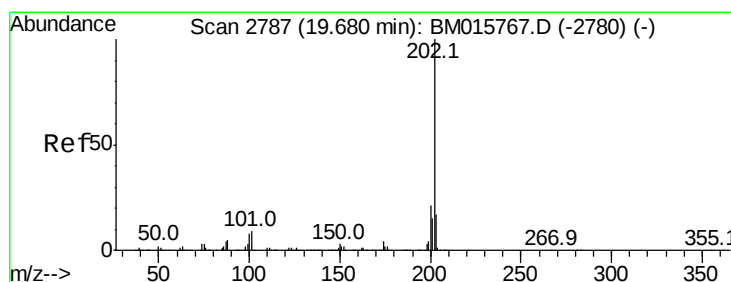
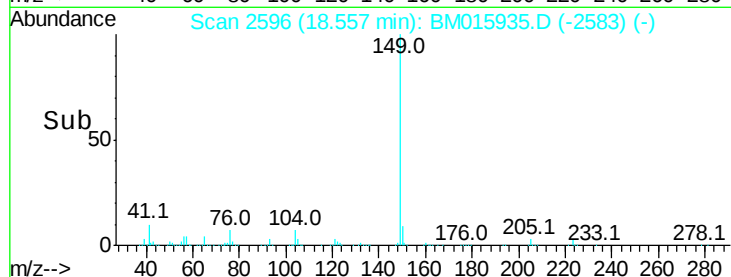
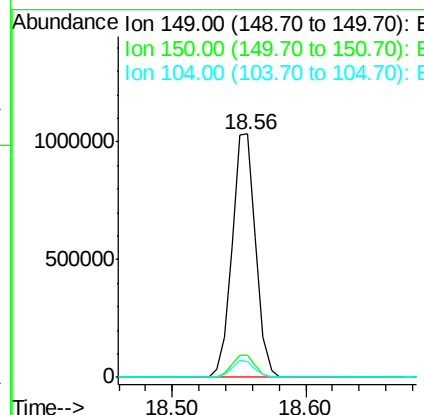
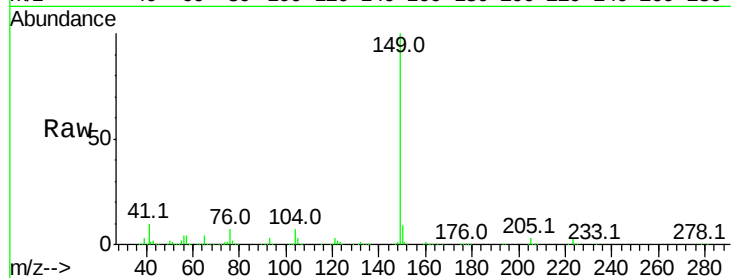
#73
Di-n-butylphthalate
Concen: 52.517 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.6	3.7	5.5

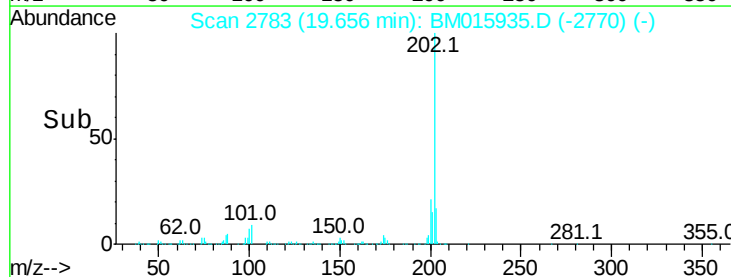
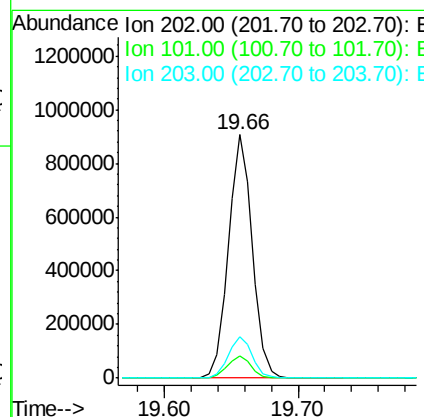
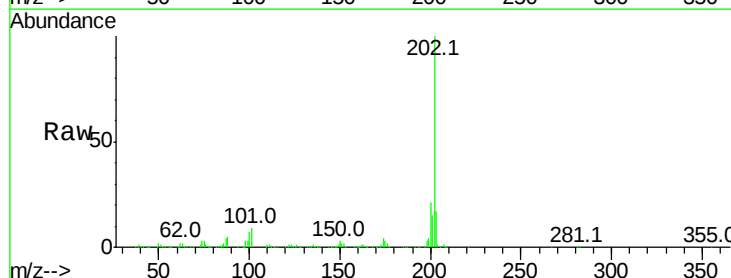
Manual Integrations
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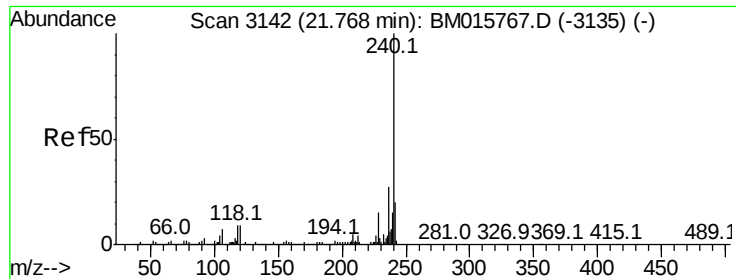
Sohil
7/13/2018 2:50:19 PM



#74
Fluoranthene
Concen: 50.198 ng
RT: 19.66 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

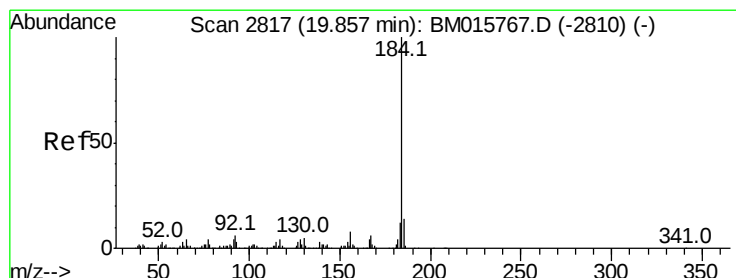
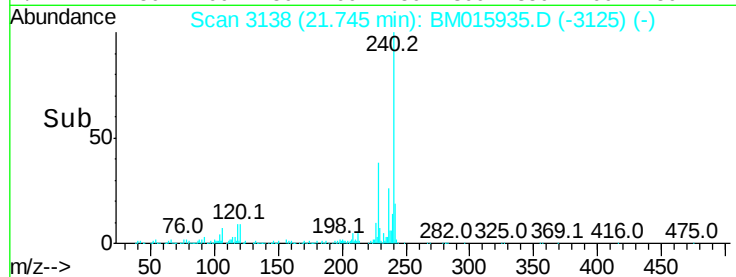
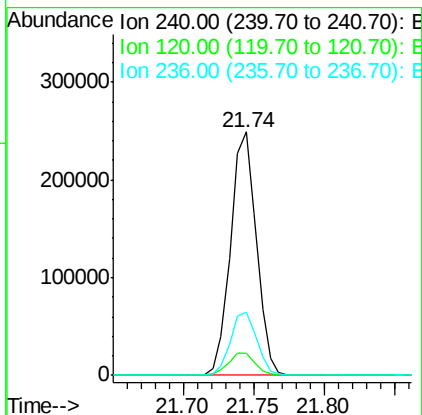
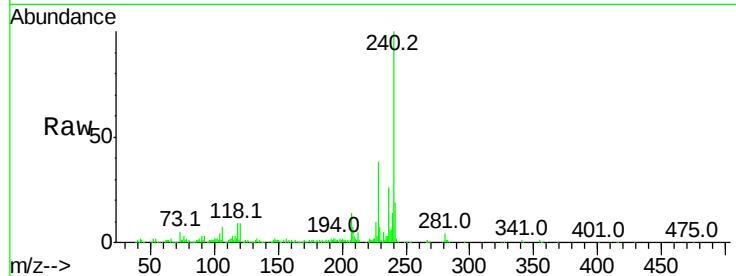
ClientSampleId :

PB111003BSD

Tot Ion:	240	Resp:	317924
Ion Ratio	Lower	Upper	
240	100		
120	8.9	8.2	12.2
236	26.2	20.0	30.0

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7/13/2018 2:50:19 PM



#76

Benzidine

Concen: 49.941 ng

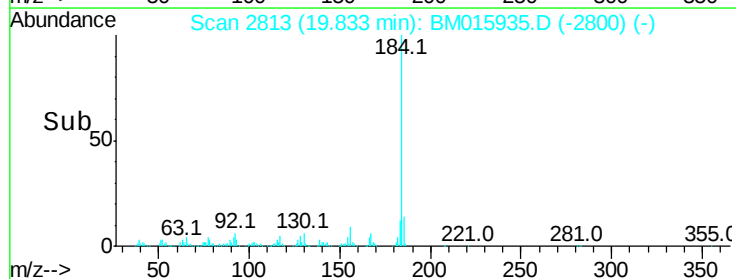
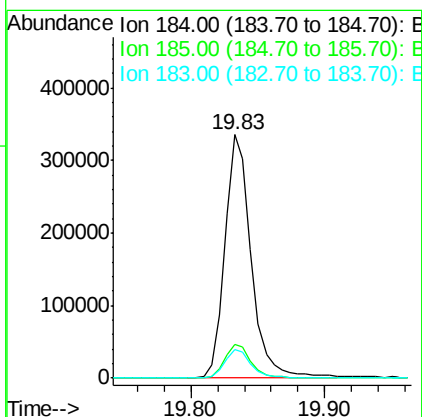
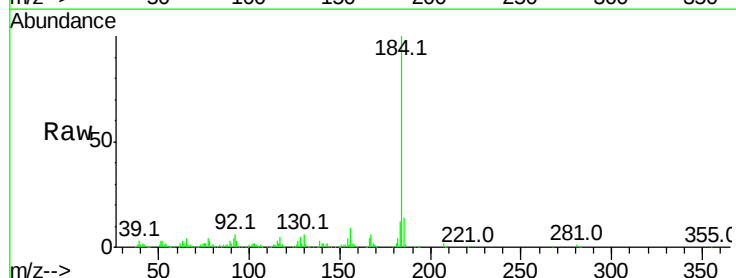
RT: 19.83 min Scan# 2813

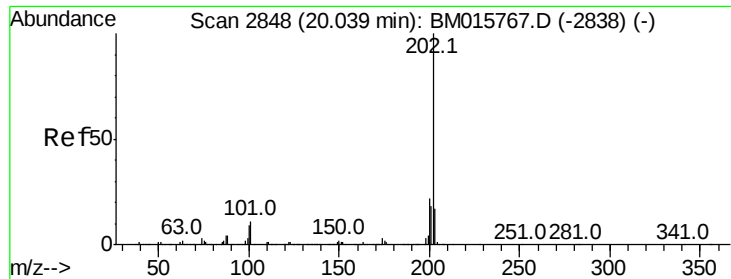
Delta R.T. -0.02 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Tgt Ion:	184	Resp:	465189
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.8	8.9	13.3





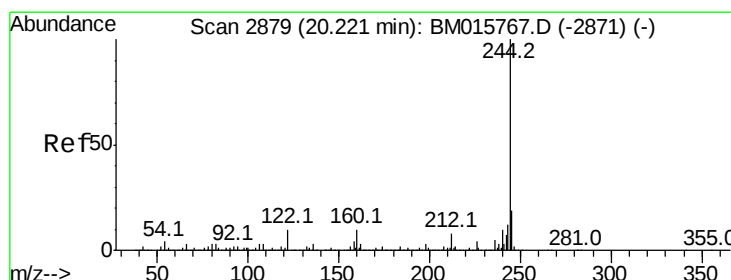
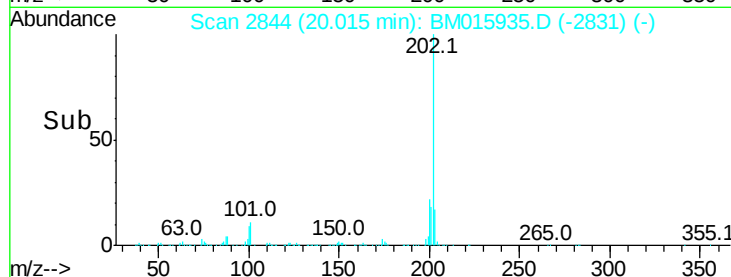
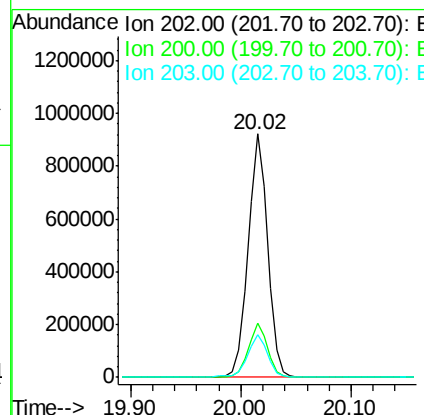
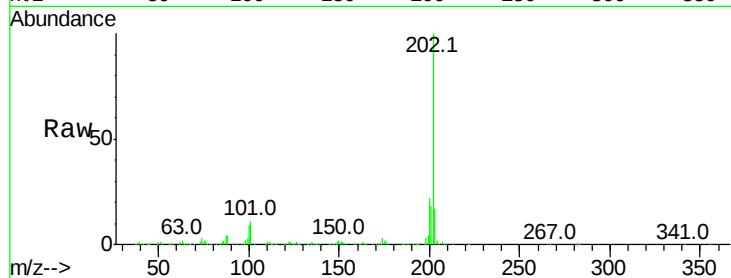
#77
Pvrene
Concen: 57.809 ng
RT: 20.02 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	17.5	14.1	21.1

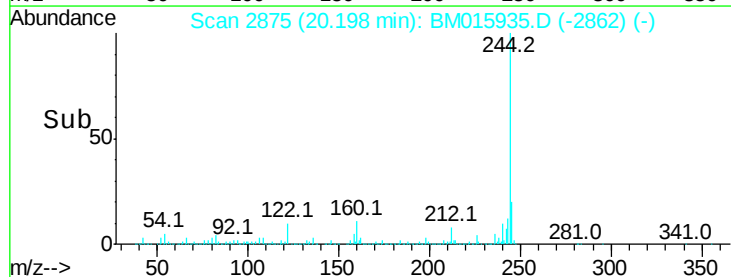
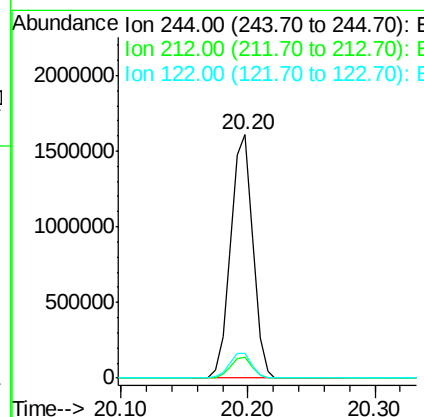
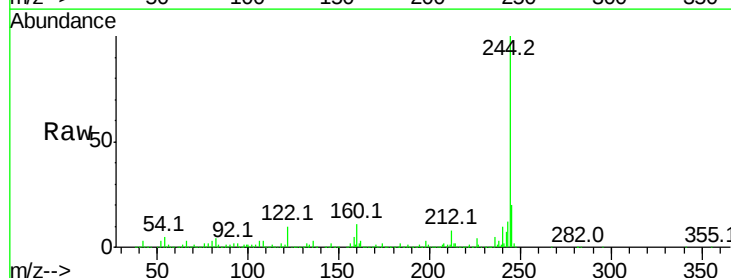
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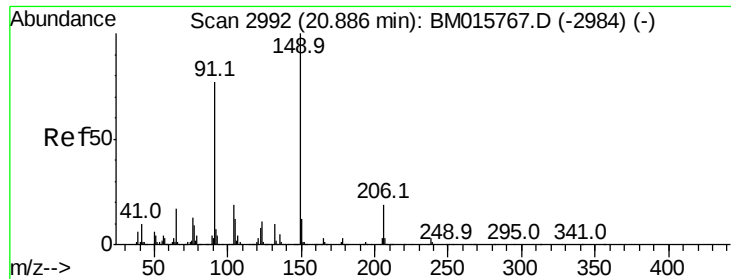
Sohil
7/13/2018 2:50:19 PM



#78
Terphenyl-d14
Concen: 57.809 ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	9.9	6.2	9.4#





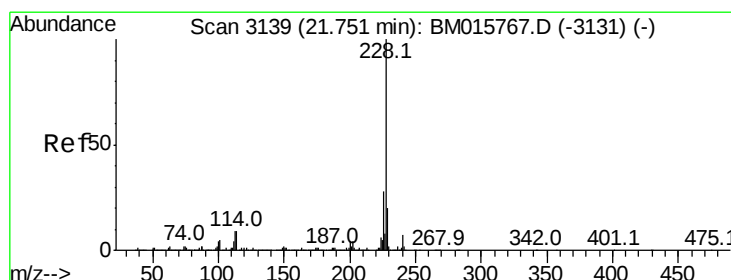
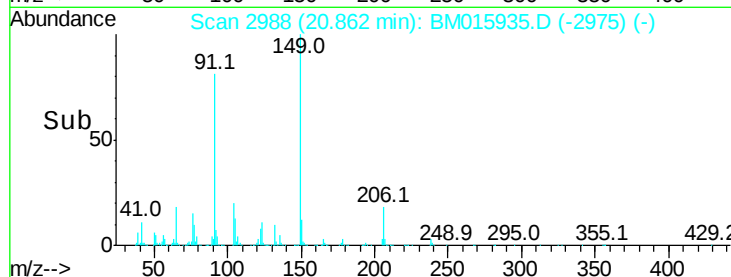
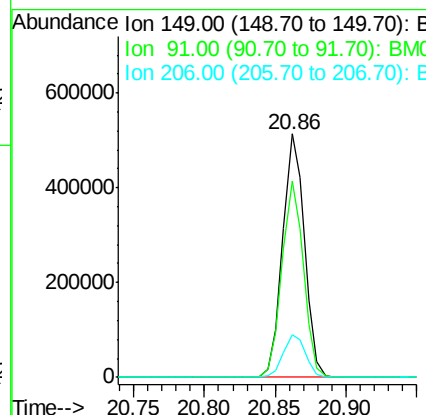
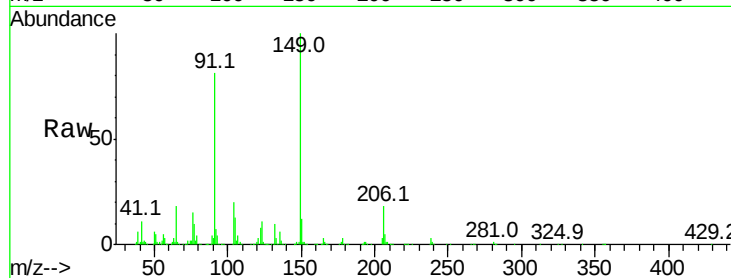
#79
Butylbenzylphthalate
Concen: 58.153 ng
RT: 20.86 min Scan# 2988
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.9	50.1	75.1#
206	17.6	16.2	24.2

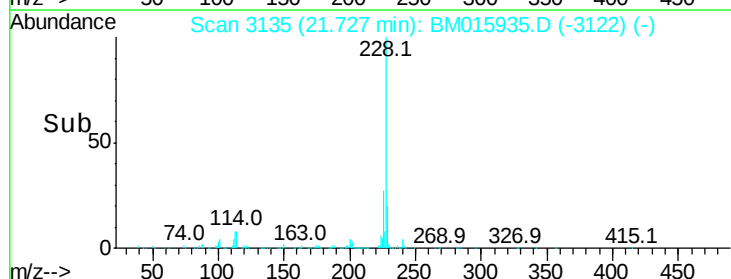
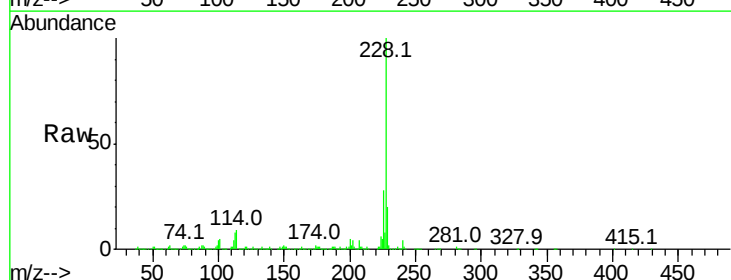
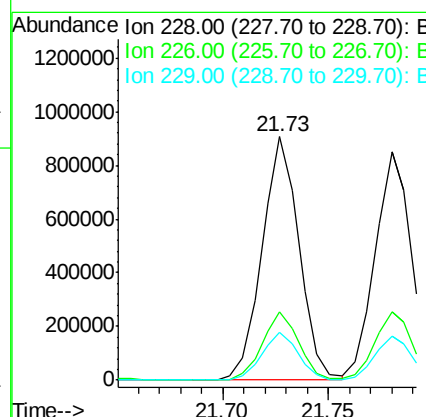
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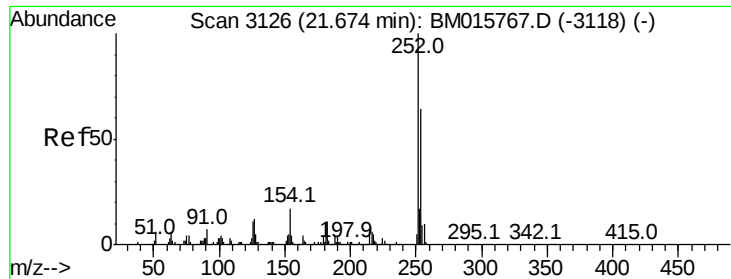
Sohil
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#80
Benzo(a)anthracene
Concen: 54.840 ng
RT: 21.73 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	19.7	16.0	24.0





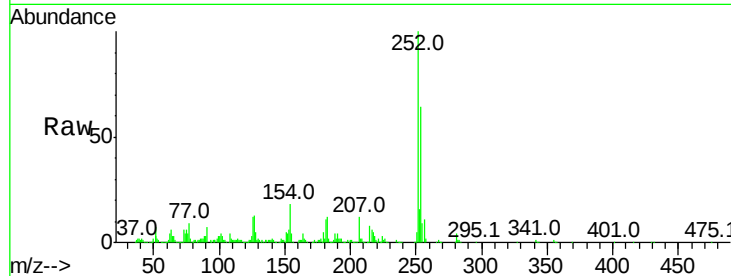
#81
 3,3'-Dichlorobenzidine
 Concen: 45.133 ng
 RT: 21.65 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

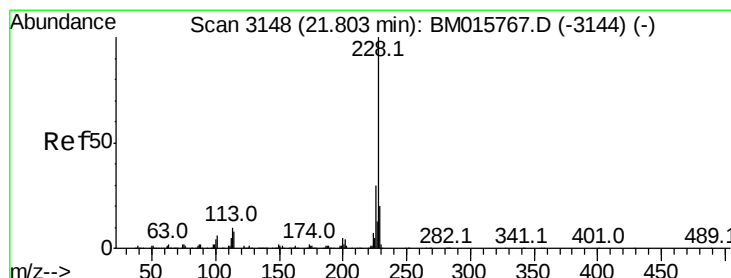
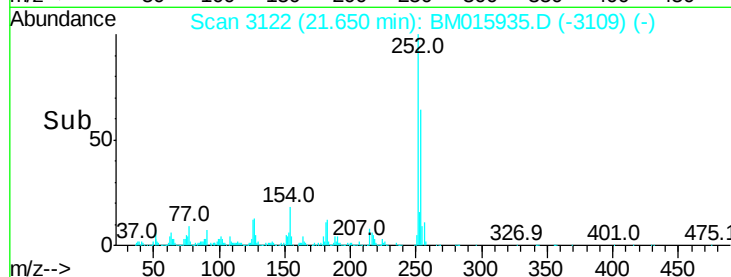
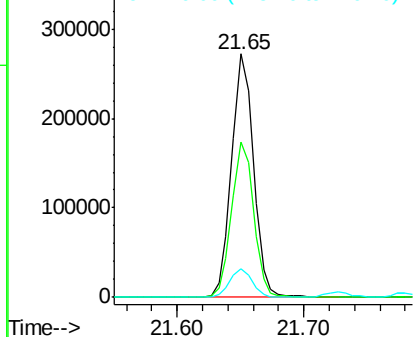
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	11.6	9.8	14.8

Manual Integrations
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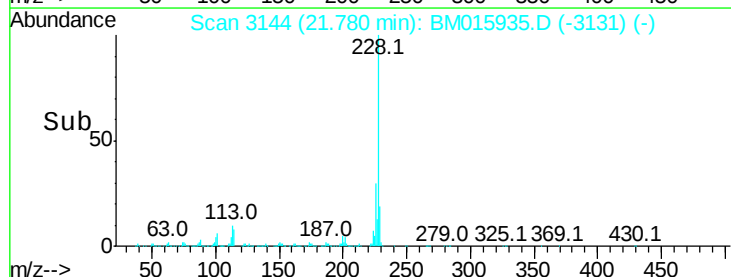
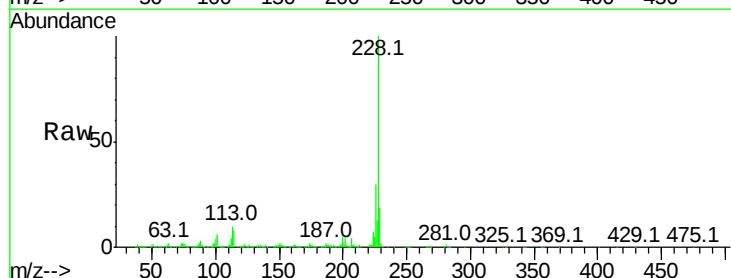
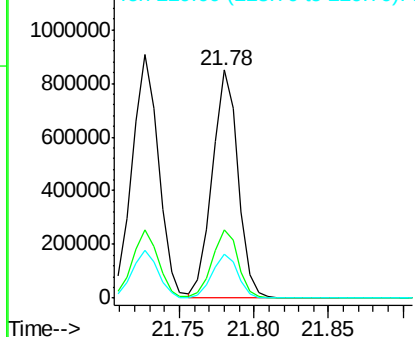
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

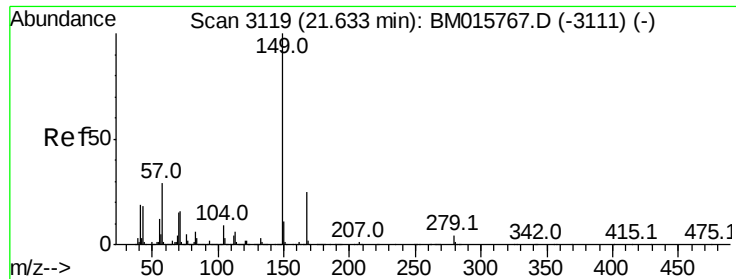


#82
 Chrysene
 Concen: 54.456 ng
 RT: 21.78 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.5	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





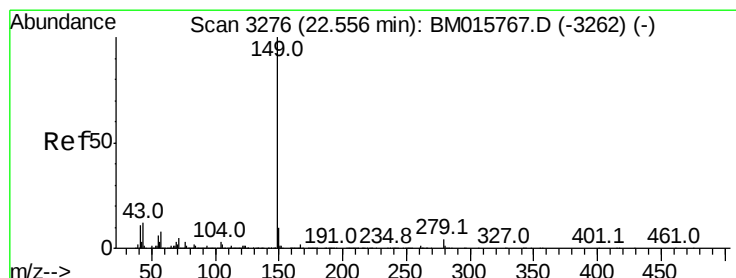
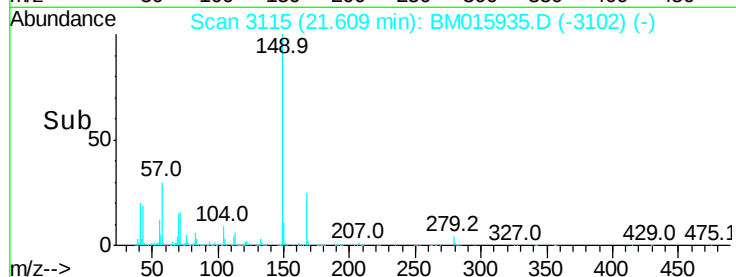
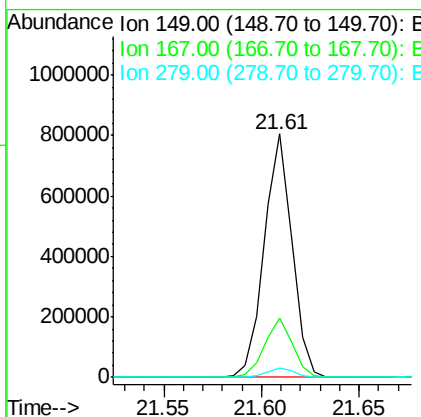
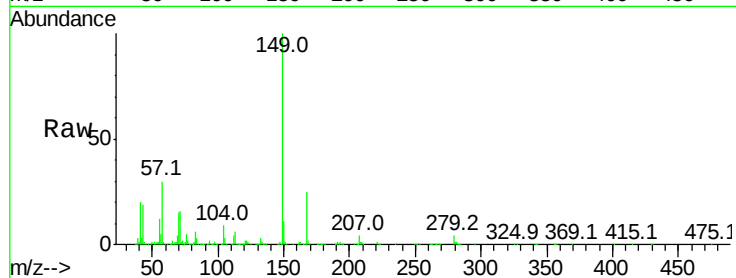
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.067 ng
 RT: 21.61 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.4	33.6
279	3.7	3.4	5.0

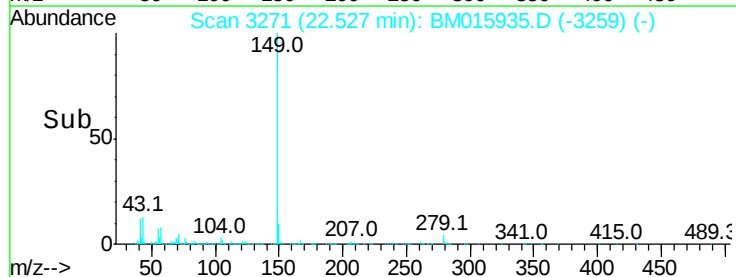
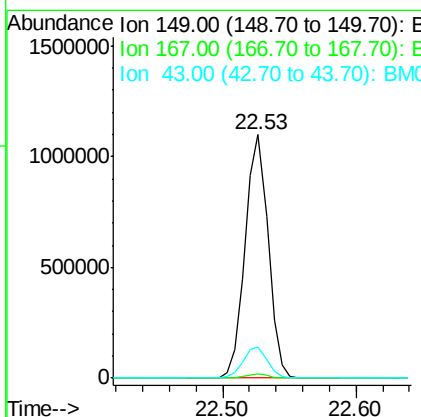
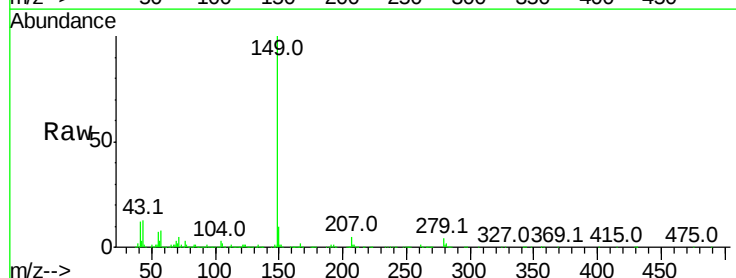
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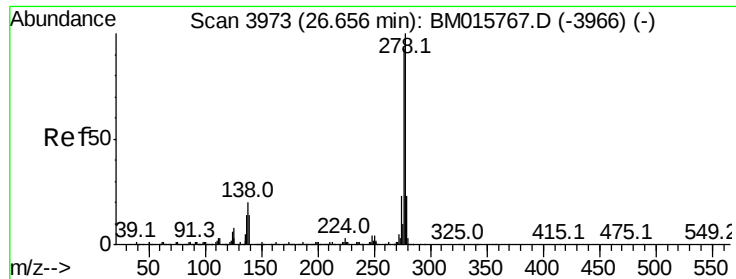
Sohil
 7/13/2018 2:50:19 PM



#84
 Di-n-octyl phthalate
 Concen: 56.251 ng
 RT: 22.53 min Scan# 3271
 Delta R.T. -0.03 min
 Lab File: BM015935.D
 Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.5	7.3	10.9#





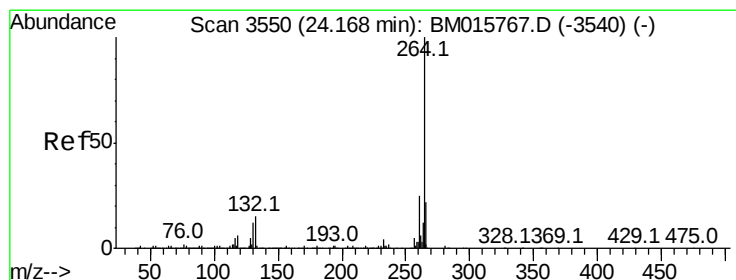
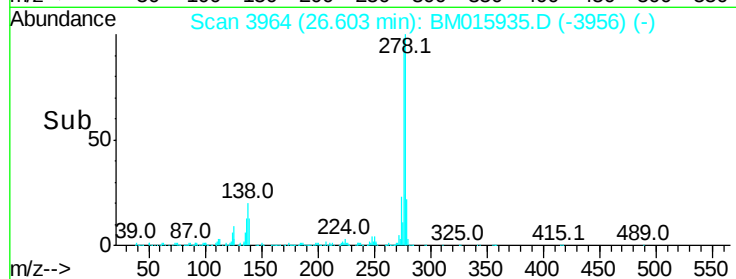
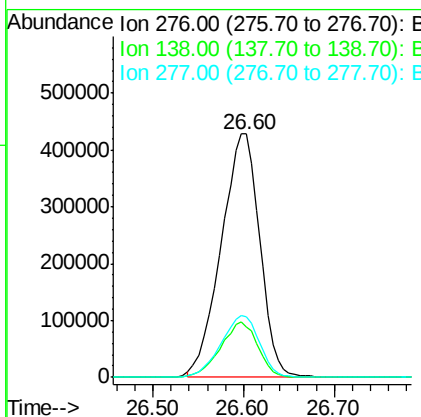
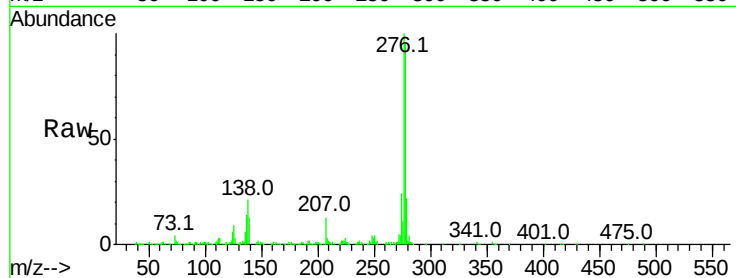
#85
Indeno(1,2,3-cd)pyrene
Concen: 72.049 ng
RT: 26.60 min Scan# 3964
Delta R.T. -0.05 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion:276 Resp: 1256956
Ion Ratio Lower Upper
276 100
138 21.7 12.0 18.0#
277 25.3 20.0 30.0

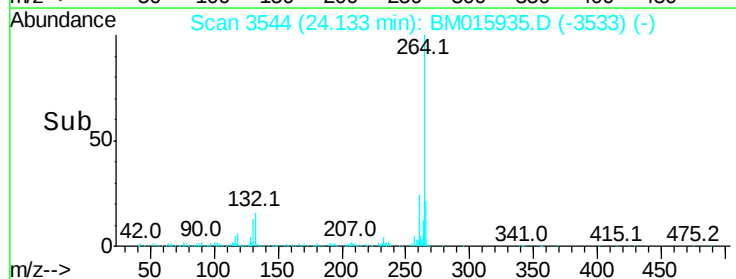
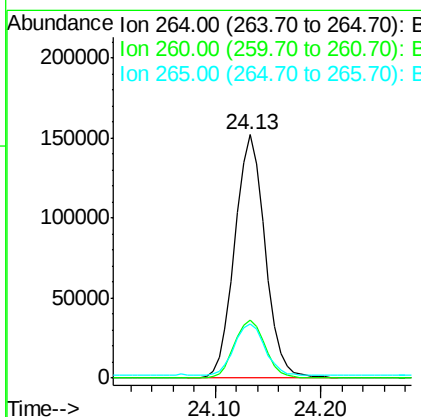
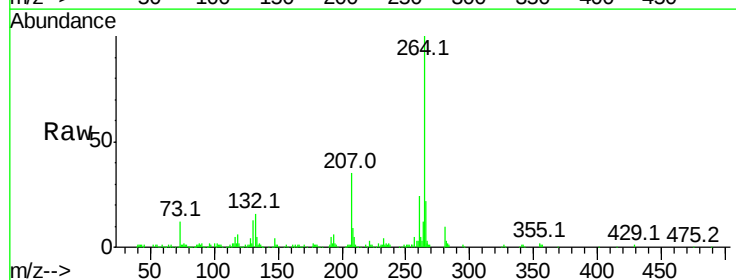
Manual Integrations
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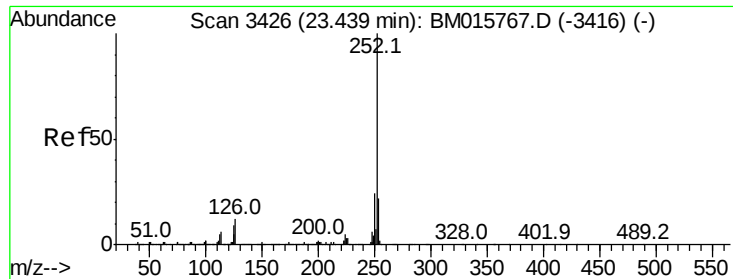
Sohil
7/13/2018 2:50:19 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.13 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion:264 Resp: 302737
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.5 17.3 25.9





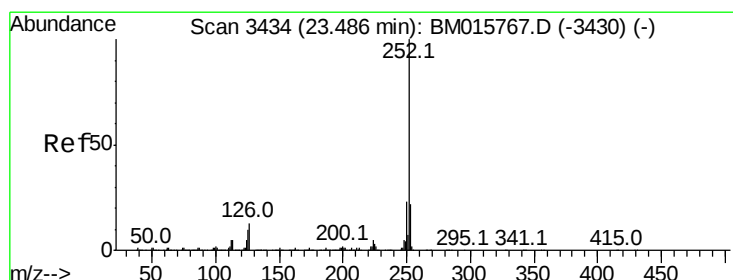
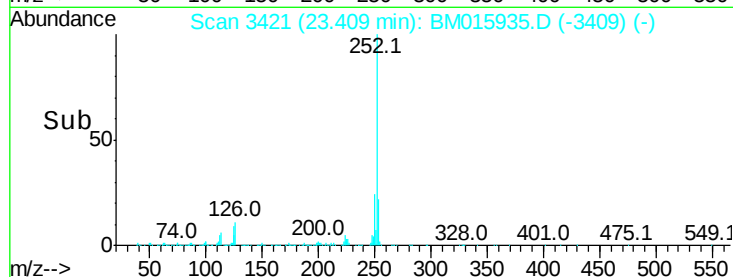
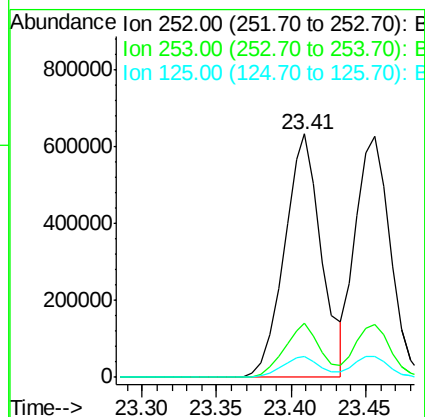
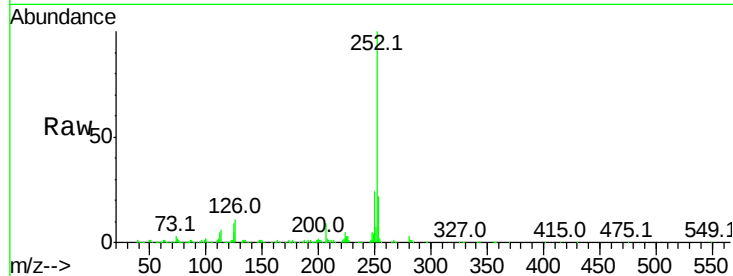
#87
Benzo(b)fluoranthene
Concen: 54.040 ng
RT: 23.41 min Scan# 3421
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.5	9.9	14.9

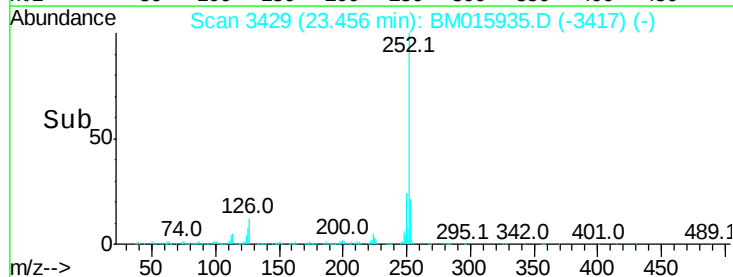
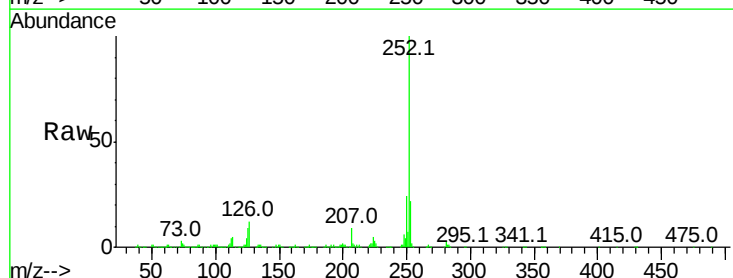
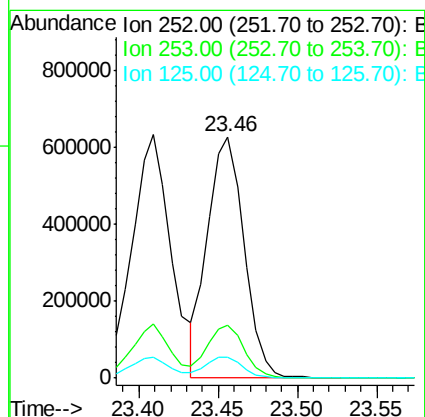
Manual Integrations
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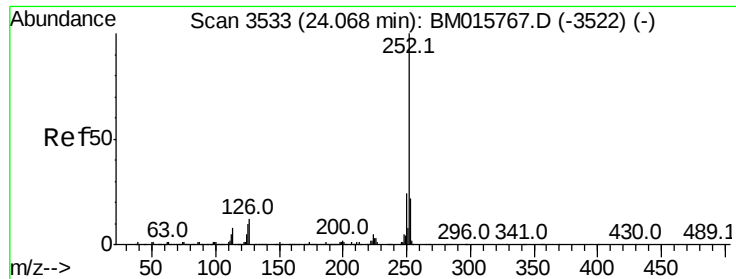
Sohil
7/13/2018 2:50:19 PM



#88
Benzo(k)fluoranthene
Concen: 51.129 ng
RT: 23.46 min Scan# 3429
Delta R.T. -0.03 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.9	8.1	12.1





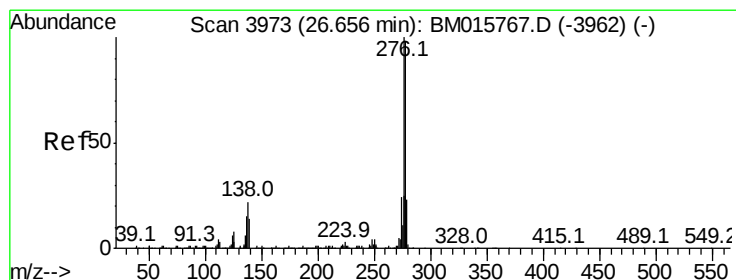
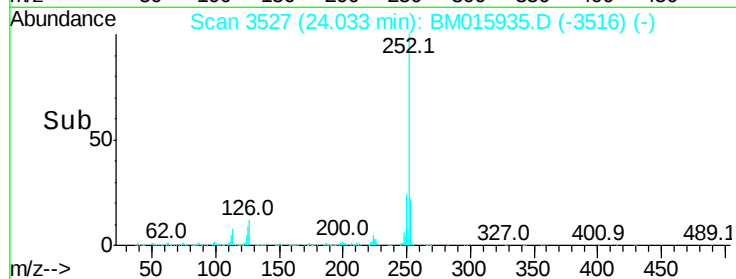
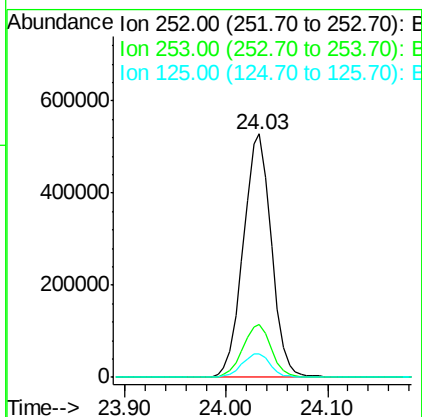
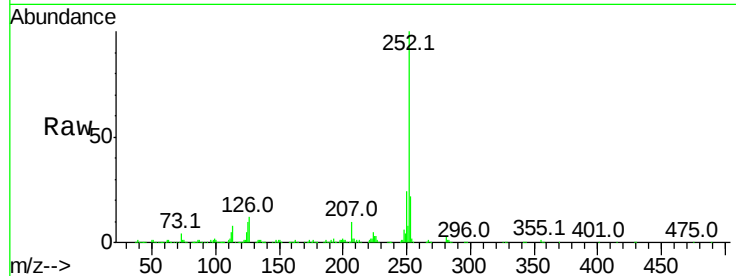
#89
Benzo(a)pyrene
Concen: 56.966 ng
RT: 24.03 min Scan# 3527
Delta R.T. -0.04 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.5	7.4	11.2

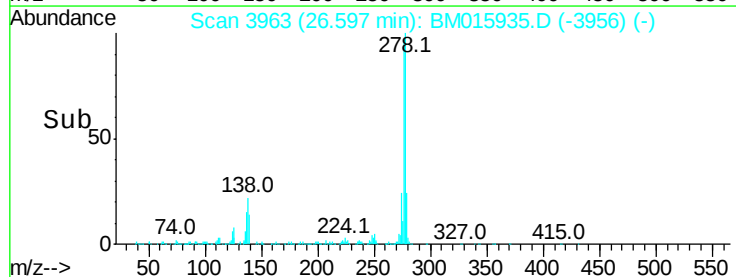
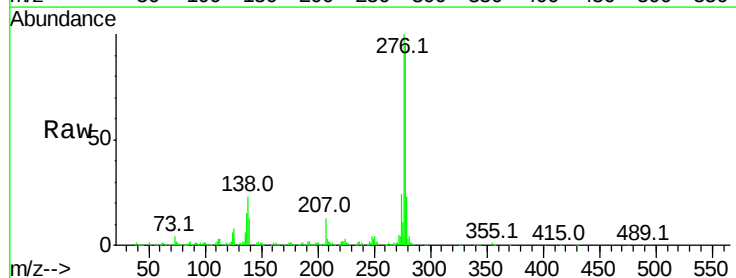
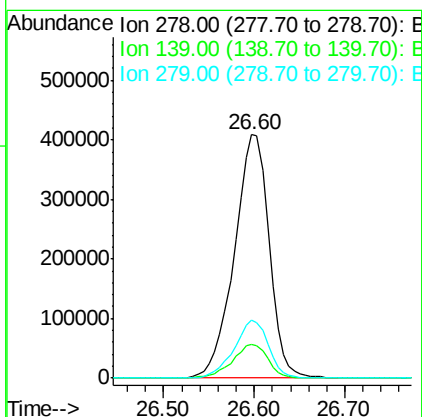
Manual Integrations
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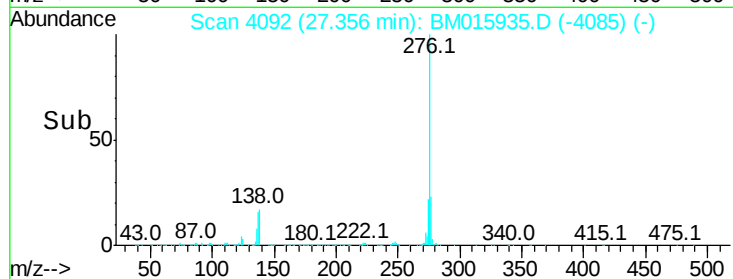
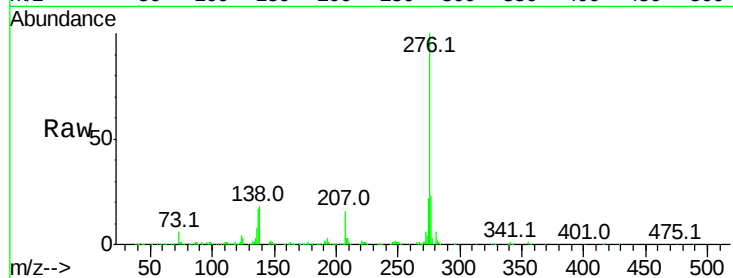
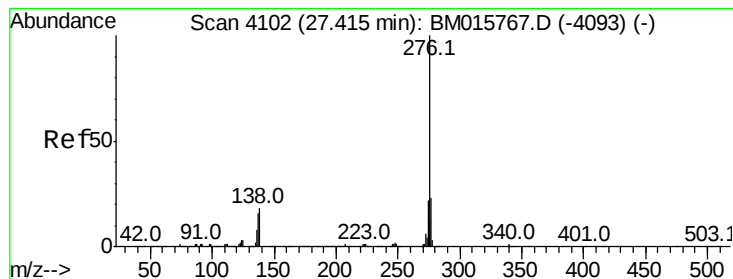
Sohil
7/13/2018 2:50:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 67.748 ng
RT: 26.60 min Scan# 3963
Delta R.T. -0.06 min
Lab File: BM015935.D
Acq: 13 Jul 2018 03:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.4	20.0
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 72.111 ng

RT: 27.36 min Scan# 4092

Delta R.T. -0.06 min

Lab File: BM015935.D

Acq: 13 Jul 2018 03:28

Instrument :

BNA_M

ClientSampleId :

PB111003BSD

Tot Ion:276 Resp: 1014266

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 18.0 19.0 28.6#

Manual Integrations

APPROVED

Sohil

7/13/2018 2:50:19 PM

