

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018999.D
 Acq On : 01 Mar 2019 22:32
 Operator : JU/SJ
 Sample : K1675-33MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Manual Integrations
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 3/4/2019 4:53:06 PM

Quant Time: Mar 02 02:49:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	330512	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1367619	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	745326	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1478999	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1139312	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1159062	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2304706	114.25	ng	-0.02
7) Phenol-d6	6.86	99	3286122	115.64	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2051929	69.37	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1123545	104.58	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3845027	68.48	ng	-0.03
79) Terphenyl-d14	19.72	244	4384567	79.39	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	238912	27.193	ng	98
3) Pyridine	3.63	79	682010	28.458	ng	99
4) n-Nitrosodimethylamine	3.55	42	237982	39.035	ng	89
6) Aniline	7.03	93	920109	26.426	ng	99
8) 2-Chlorophenol	7.25	128	821719	37.103	ng	99
9) Benzaldehyde	6.84	77	665243	43.969	ng	100
10) Phenol	6.89	94	1158832	38.756	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	780764	34.231	ng	100
12) 1,3-Dichlorobenzene	7.57	146	803258	32.255	ng	98
13) 1,4-Dichlorobenzene	7.72	146	831956	32.815	ng	100
14) 1,2-Dichlorobenzene	8.03	146	811044	33.304	ng	99
15) Benzyl Alcohol	7.93	79	810778	35.907	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	766955	34.742	ng	98
17) 2-Methylphenol	8.13	107	703643	36.974	ng	98
18) Hexachloroethane	8.75	117	304162	32.865	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	739528	33.611	ng	99
20) 3+4-Methylphenols	8.46	107	948153	36.080	ng	99
22) Acetophenone	8.52	105	1221026	32.511	ng	# 99
24) Nitrobenzene	8.89	77	1034328	33.690	ng	99
25) Isophorone	9.41	82	1824054	38.650	ng	99
26) 2-Nitrophenol	9.60	139	442585	36.199	ng	98
27) 2,4-Dimethylphenol	9.65	122	720256	40.334	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	1091231	35.757	ng	100
29) 2,4-Dichlorophenol	10.12	162	753664	36.756	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	791363	33.419	ng	99
31) Naphthalene	10.52	128	2421482	36.304	ng	99
32) Benzoic acid	9.75	122	65374	4.197	ng	92
33) 4-Chloroaniline	10.65	127	308627	10.351	ng	99
34) Hexachlorobutadiene	10.78	225	426214	31.009	ng	99
35) Caprolactam	11.46	113	225951m	27.001	ng	
36) 4-Chloro-3-methylphenol	11.77	107	846327	34.234	ng	98
37) 2-Methylnaphthalene	12.14	142	1752346	37.315	ng	99
38) 1-Methylnaphthalene	12.36	142	1661677	36.185	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	827404	34.703	ng	99

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Quant Time: Mar 02 02:49:47 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	876713	71.921	nq	98
43) 2,4,6-Trichlorophenol	12.76	196	587006	37.191	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	612566	37.028	nq	99
46) 1,1'-Biphenyl	13.16	154	2198563	34.269	nq	100
47) 2-Chloronaphthalene	13.20	162	1706343	34.435	nq	99
48) 2-Nitroaniline	13.43	65	570049	34.637	nq	100
49) Acenaphthylene	14.06	152	2724794	36.929	nq	99
50) Dimethylphthalate	13.80	163	2363080	38.043	nq	100
51) 2,6-Dinitrotoluene	13.93	165	464220	34.500	nq	97
52) Acenaphthene	14.40	154	1580754	34.939	nq	99
53) 3-Nitroaniline	14.26	138	299849	19.723	nq	100
54) 2,4-Dinitrophenol	14.47	184	334786	42.149	nq	98
55) Dibenzofuran	14.74	168	2509505	33.746	nq	98
56) 4-Nitrophenol	14.58	139	755667	62.264	nq	95
57) 2,4-Dinitrotoluene	14.72	165	632482	34.116	nq	98
58) Fluorene	15.39	166	2031378	35.706	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	525891	35.964	nq	99
60) Diethylphthalate	15.17	149	2080622	32.472	nq	100
61) 4-Chlorophenyl-phenylether	15.39	204	1006903	31.567	nq	96
62) 4-Nitroaniline	15.44	138	424512	28.482	nq	99
63) Azobenzene	15.68	77	2246232	32.696	nq	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	309291	29.785	nq	99
66) n-Nitrosodiphenylamine	15.60	169	1732228	37.071	nq	99
67) 4-Bromophenyl-phenylether	16.28	248	584596	35.313	nq	99
68) Hexachlorobenzene	16.39	284	676849	35.175	nq	95
69) Atrazine	16.56	200	560663	37.218	nq	99
70) Pentachlorophenol	16.73	266	787663	63.573	nq	99
71) Phenanthrene	17.13	178	2900038	36.486	nq	99
72) Anthracene	17.22	178	2952569	38.165	nq	99
73) Carbazole	17.50	167	2564659	31.730	nq	99
74) Di-n-butylphthalate	18.05	149	3348184	36.019	nq	100
75) Fluoranthene	19.15	202	2922538	31.831	nq	98
77) Benzidine	19.35	184	1223127	47.669	nq	100
78) Pyrene	19.52	202	2905036	43.903	nq	99
80) Butylbenzylphthalate	20.42	149	1295277	42.952	nq	97
81) Benzo(a)anthracene	21.27	228	2383804	35.894	nq	99
82) 3,3'-Dichlorobenzidine	21.21	252	766515	29.204	nq	99
83) Chrysene	21.32	228	2294109	36.039	nq	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1800203	40.787	nq	99
85) Di-n-octyl phthalate	22.07	149	2777978	37.448	nq	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2976878	40.506	nq	100
88) Benzo(b)fluoranthene	22.85	252	2453556	36.999	nq	99
89) Benzo(k)fluoranthene	22.90	252	2349816	35.592	nq	99
90) Benzo(a)pyrene	23.43	252	2364803	37.643	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	2548629	40.949	nq	99
92) Benzo(g,h,i)perylene	26.50	276	2471386	42.652	nq	98

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

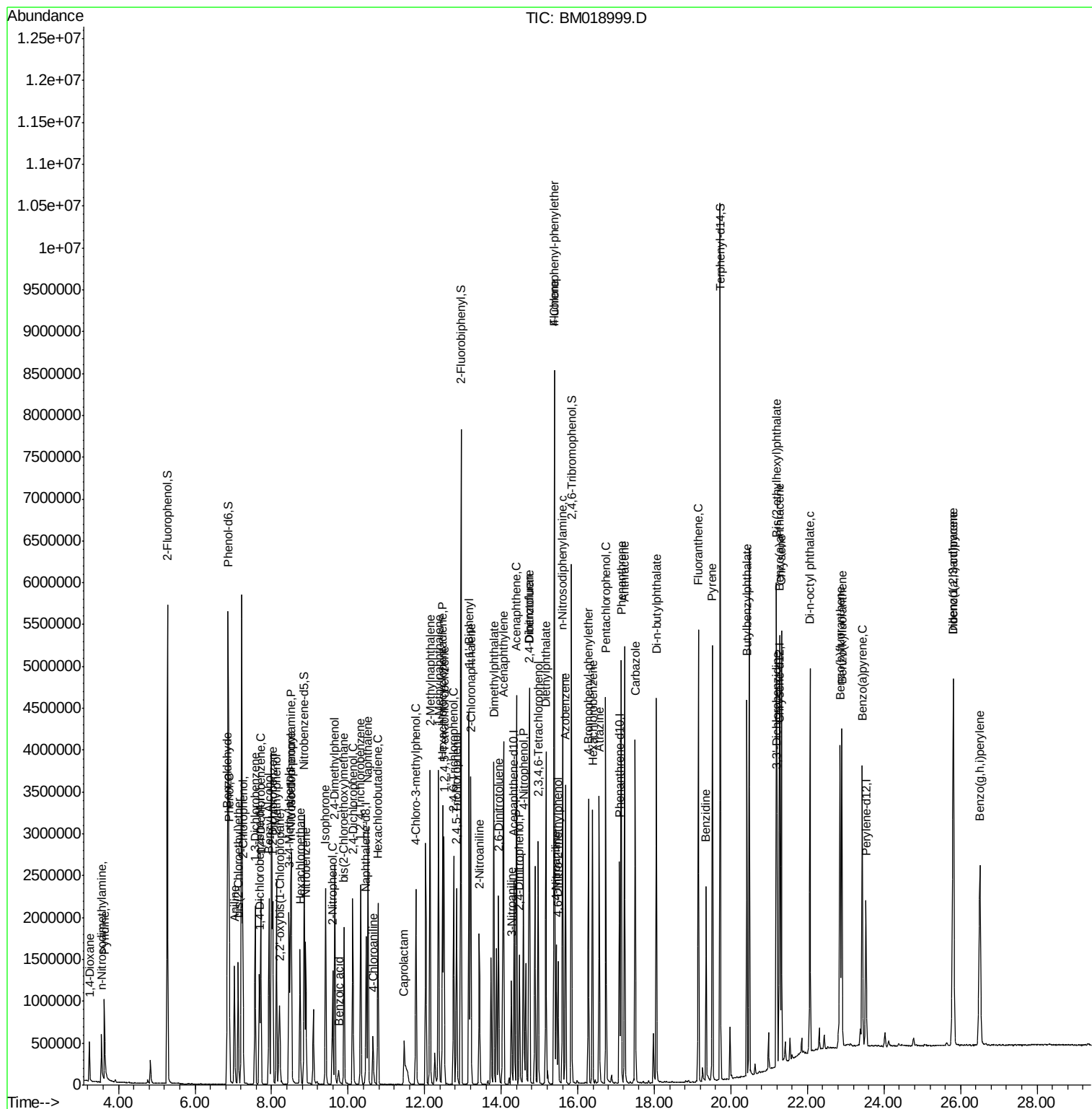
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
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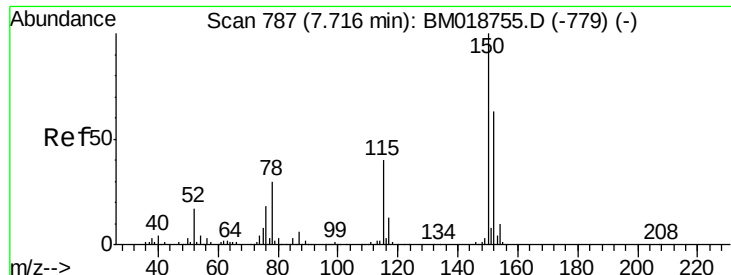
Instrument :
BNA_M
ClientSampled :
Z-3-13-BMSD

Manual Integrations
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QLast Update : Mon Feb 11 16:02:12 2019
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#1

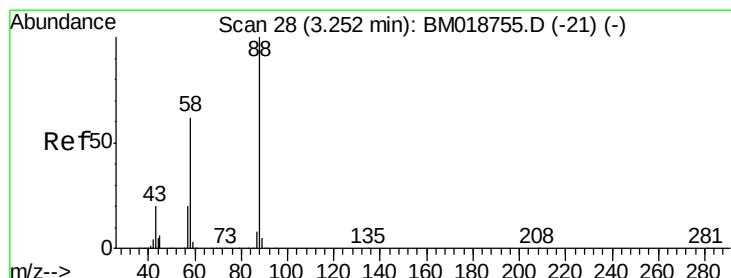
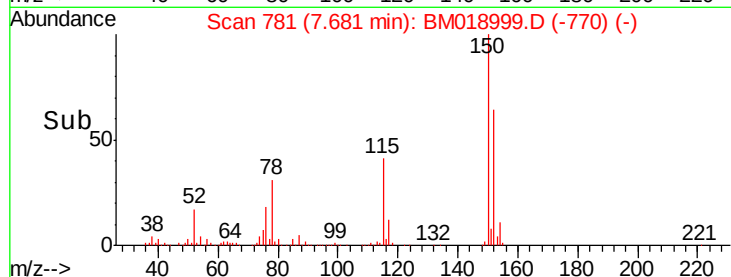
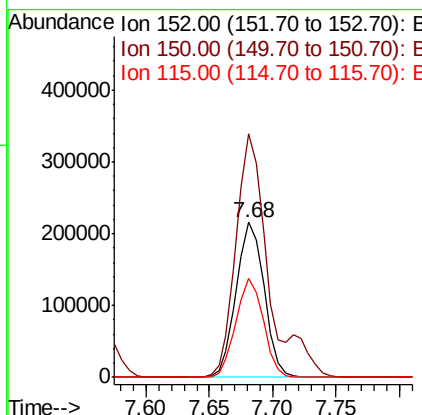
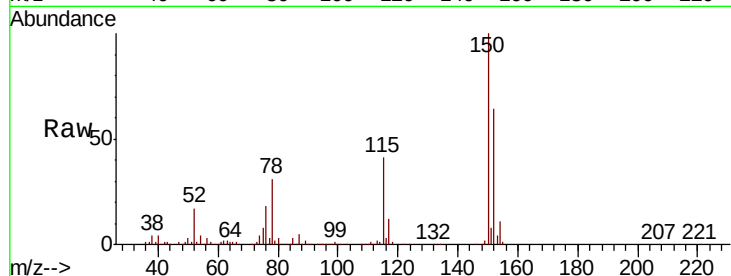
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.3	190.9
115	63.8	50.8	76.2

Manual Integrations
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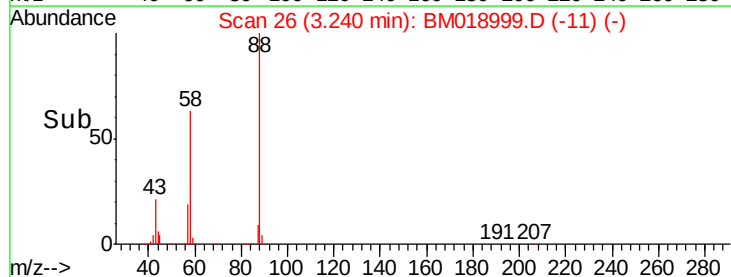
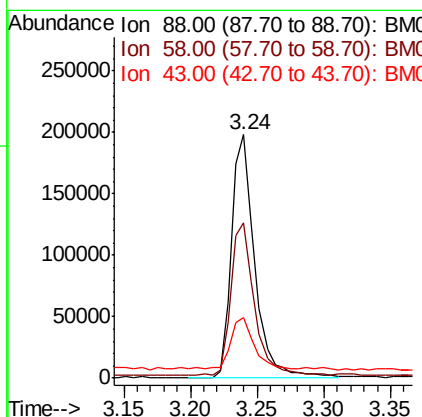
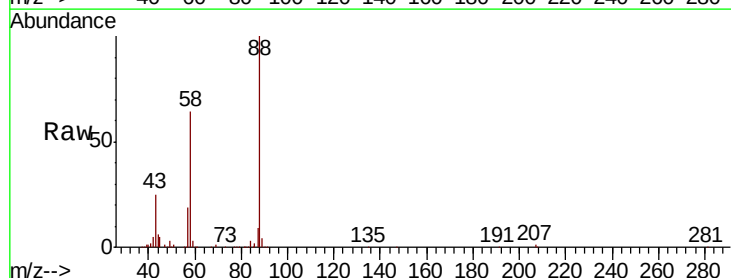
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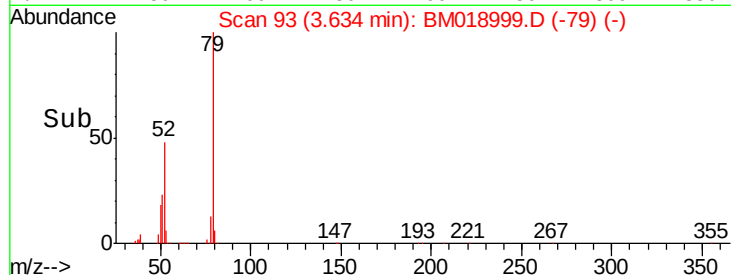
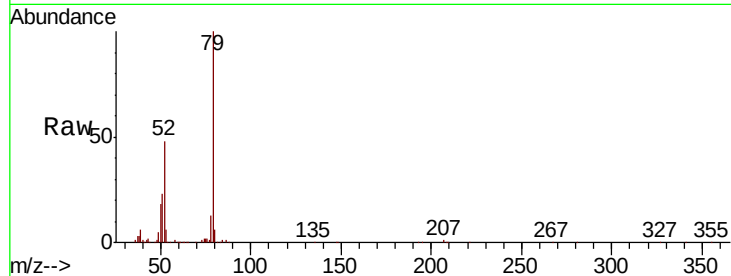
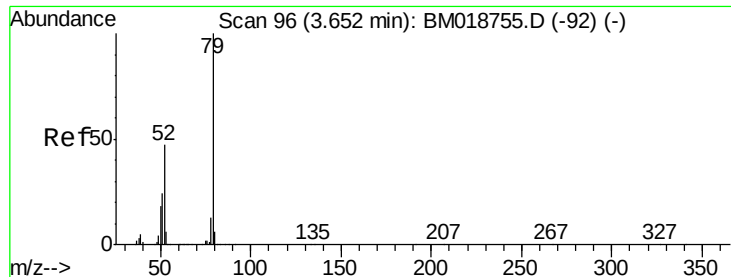


#2

1,4-Dioxane
Concen: 27.193 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	49.8	74.6
43	21.5	16.7	25.1





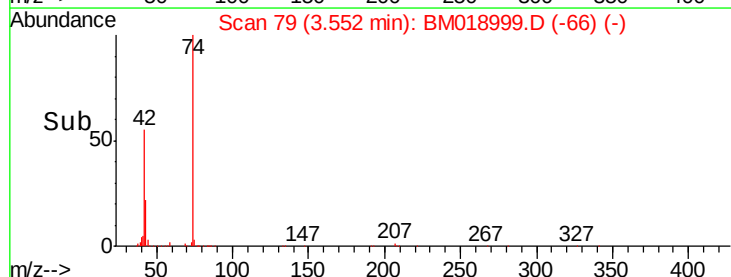
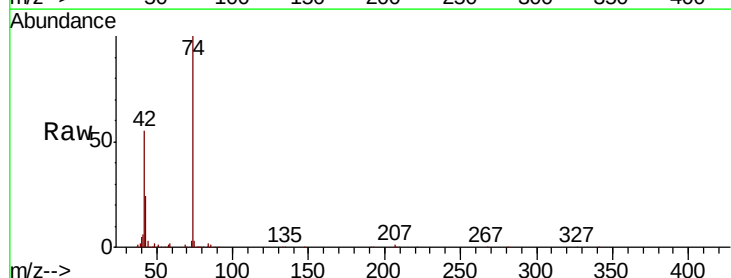
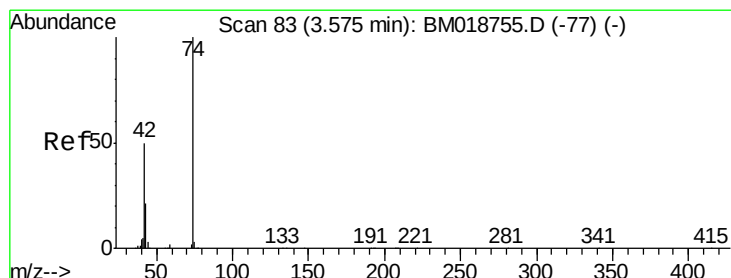
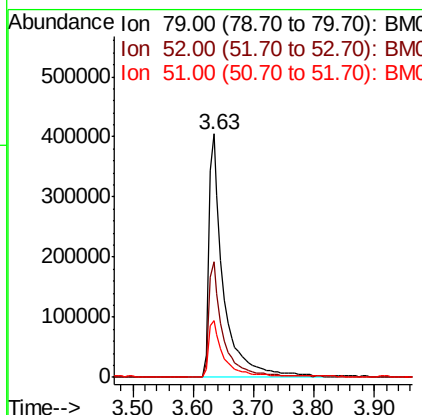
#3
 Pvridine
 Concen: 28.458 ng
 RT: 3.63 min Scan# 93
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tot Ion:	79	Resp:	682010
Ion Ratio	Lower	Upper	
79	100		
52	47.6	37.6	56.4
51	23.5	19.7	29.5

Instrument :
 BNA_M
 ClientSampled :
 Z-3-13-BMSD

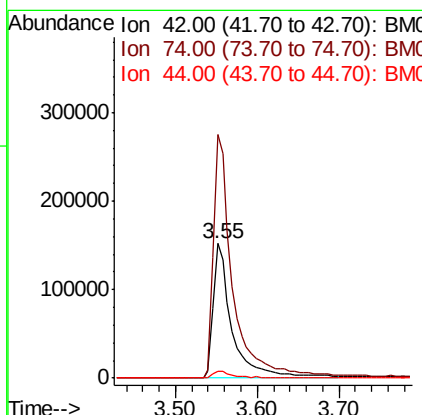
Manual Integrations
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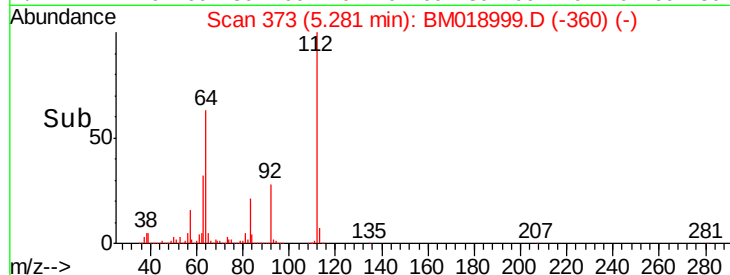
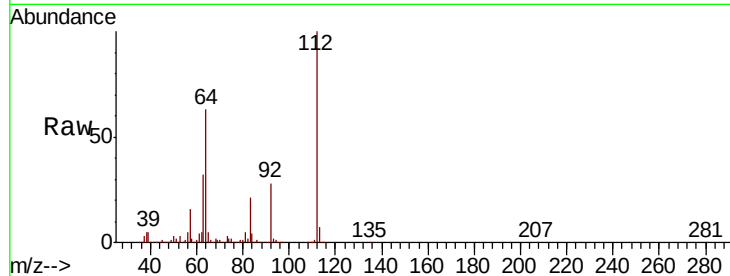
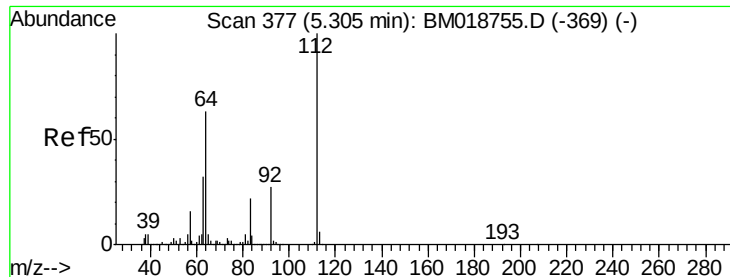
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#4
 n-Nitrosodimethylamine
 Concen: 39.035 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion:	42	Resp:	237982
Ion Ratio	Lower	Upper	
42	100		
74	180.8	158.1	237.1
44	5.4	4.9	7.3





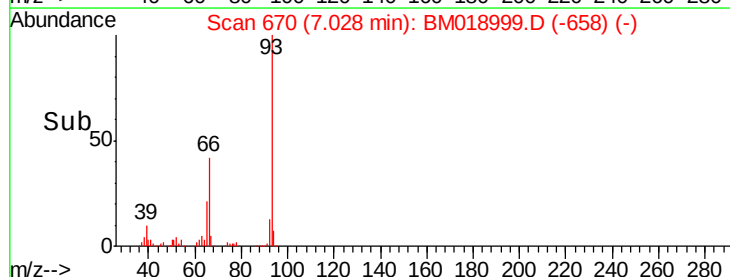
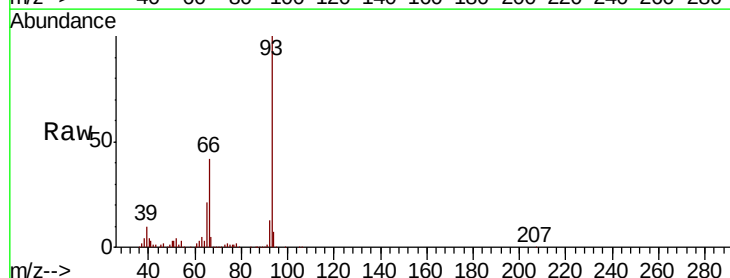
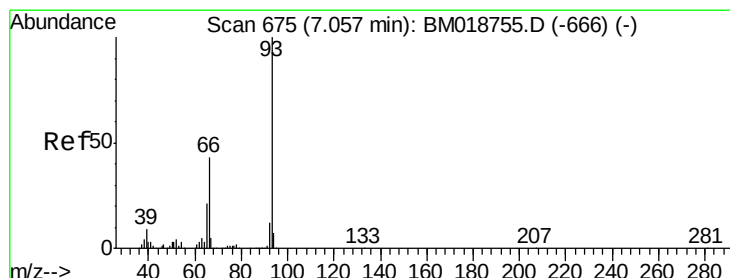
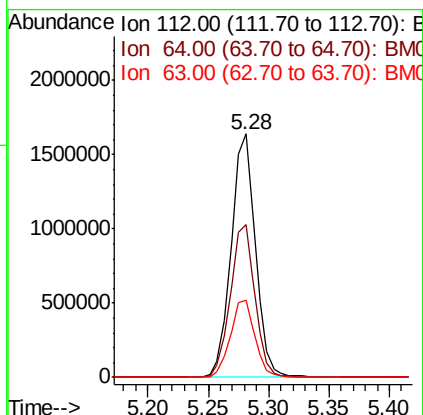
#5
2-Fluorophenol
Concen: 114.253 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tot Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.6	75.8
63	31.7	25.7	38.5

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

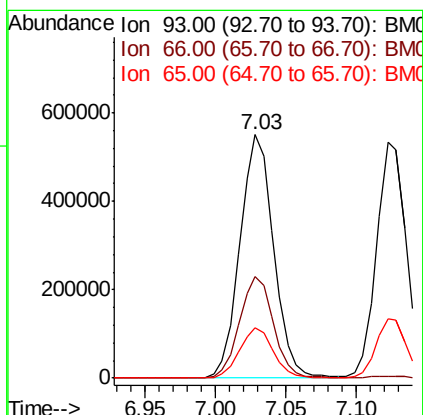
Manual Integrations
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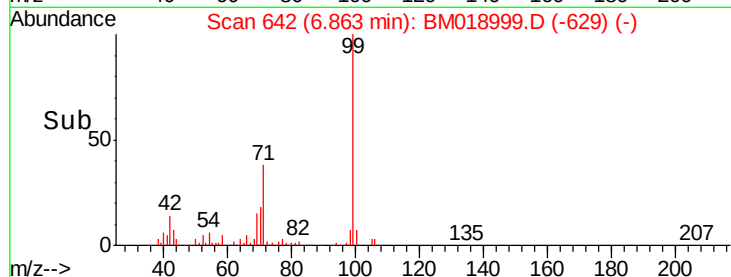
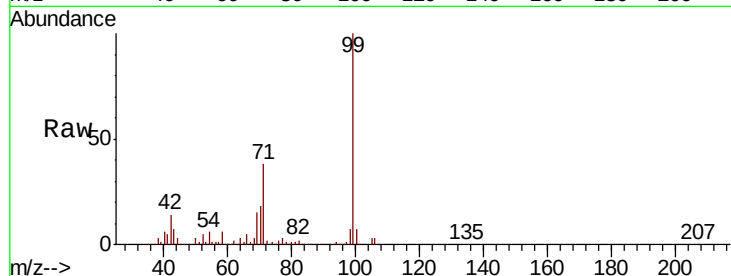
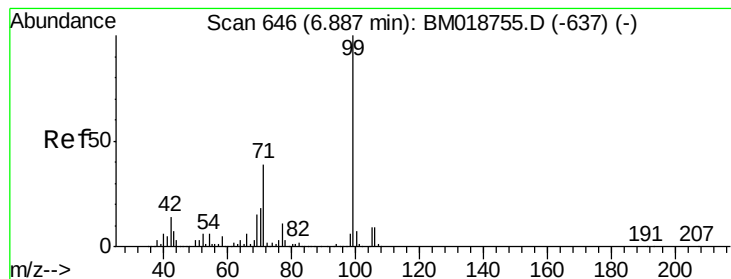
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#6
Aniline
Concen: 26.426 ng
RT: 7.03 min Scan# 670
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.9	34.1	51.1
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 115.638 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Tot Ion: 99 Resp: 3286122

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

71 38.0 31.3 46.9

Instrument :

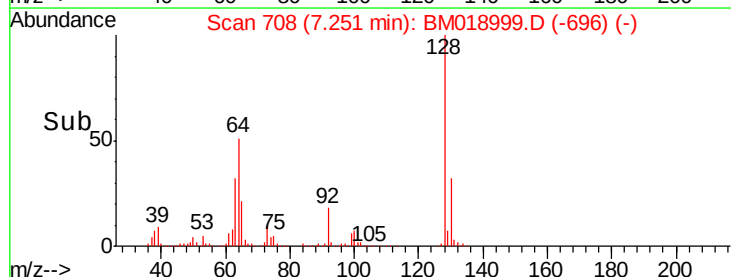
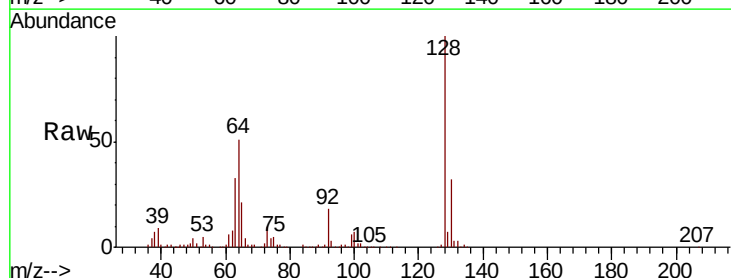
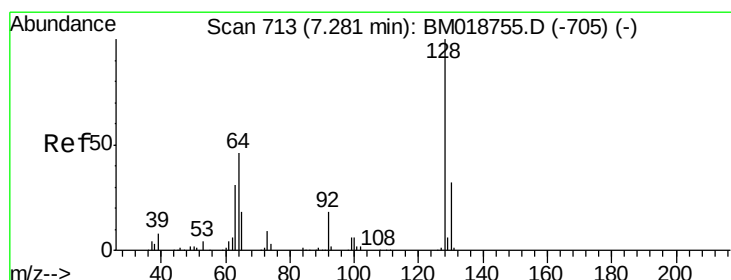
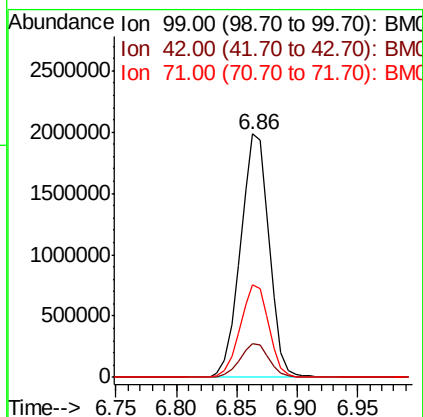
BNA_M

ClientSampled :

Z-3-13-BMSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.103 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

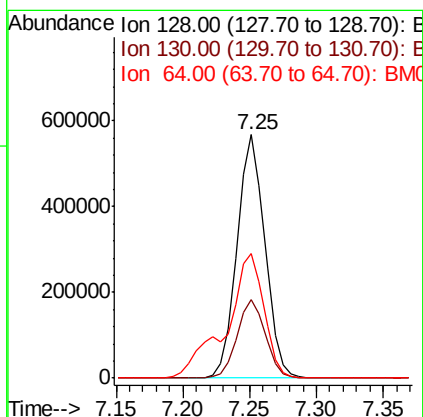
Tgt Ion: 128 Resp: 821719

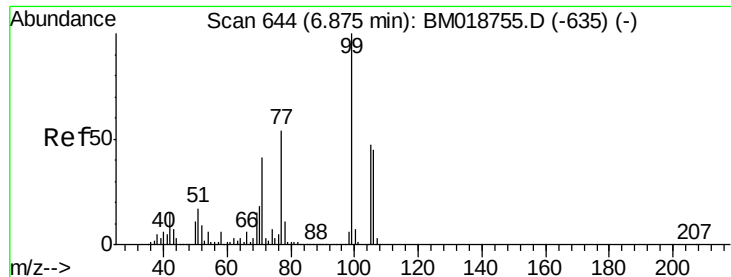
Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

64 51.3 31.0 71.0





#9

Benzaldehyde

Concen: 43.969 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

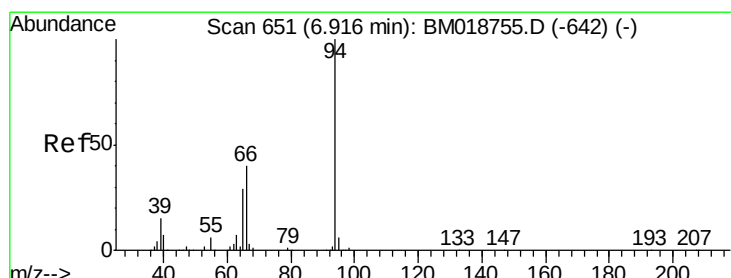
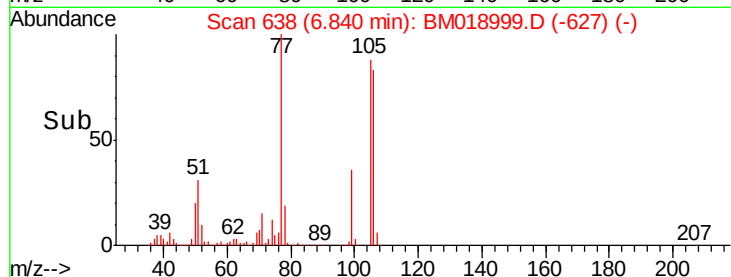
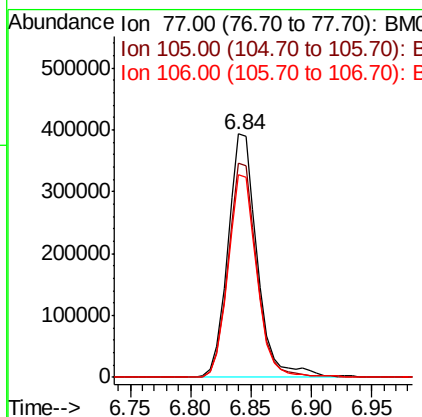
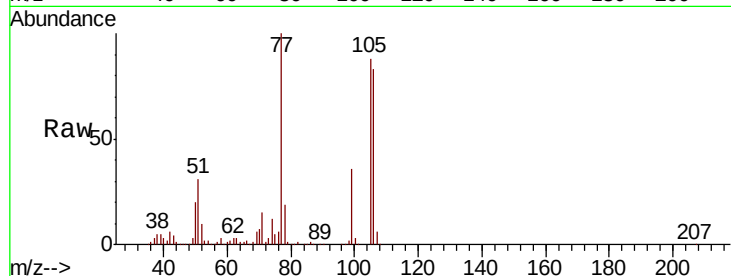
ClientSampleId :

Z-3-13-BMSD

Tot Ion:	77	Resp:	665243
Ion	Ratio	Lower	Upper
77	100		
105	88.0	67.3	107.3
106	83.0	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 38.756 ng

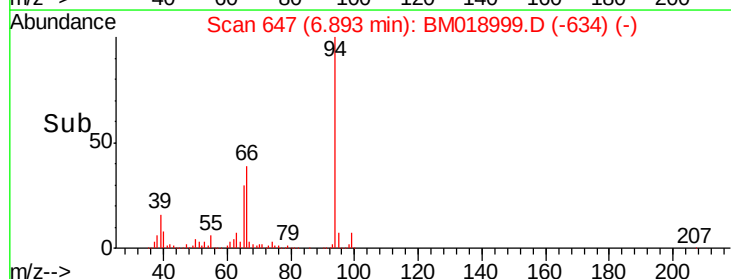
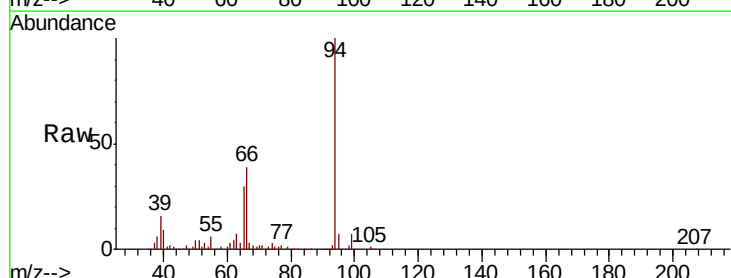
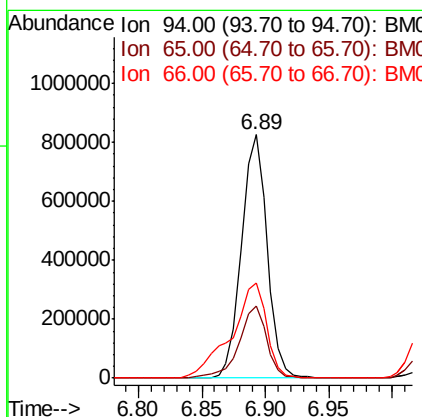
RT: 6.89 min Scan# 647

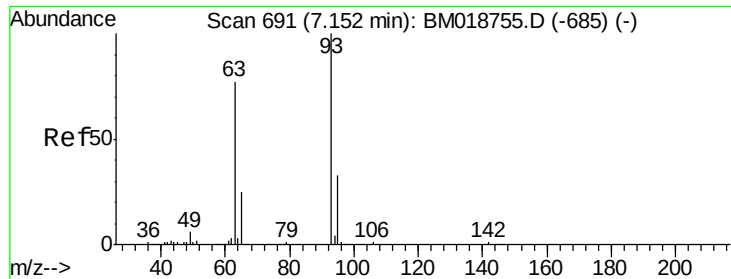
Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Tgt Ion:	94	Resp:	1158832
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.6	49.6
66	39.0	20.4	60.4





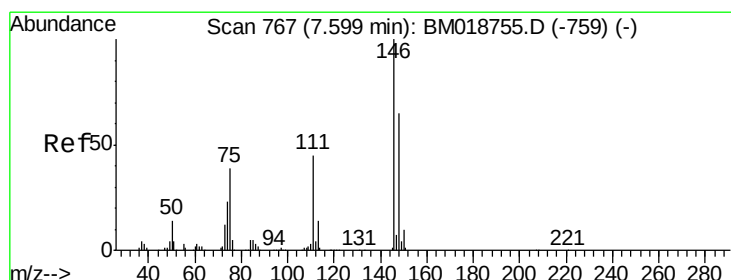
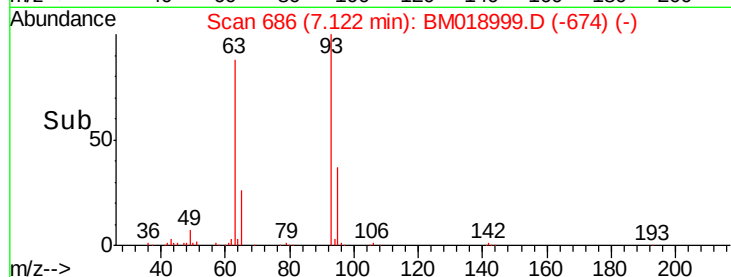
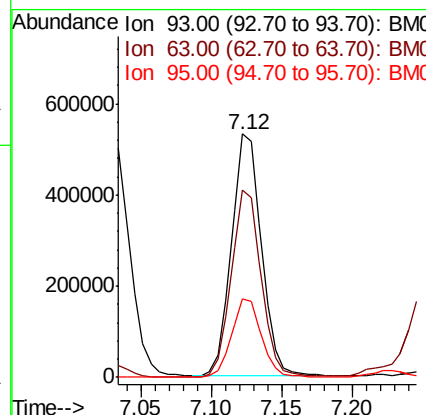
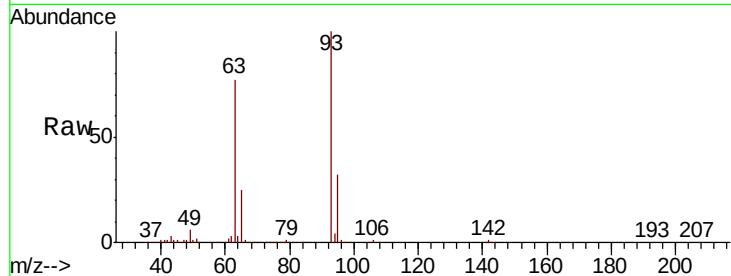
#11
bis(2-Chloroethyl)ether
Concen: 34.231 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	57.0	97.0
95	32.0	12.4	52.4

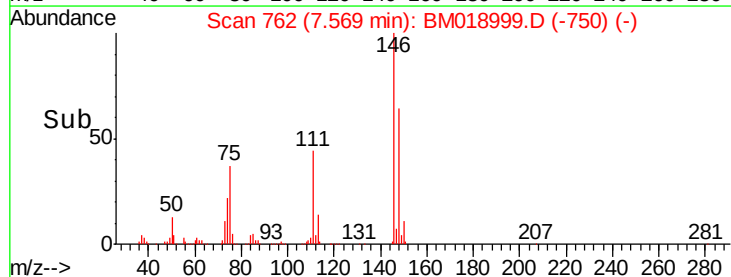
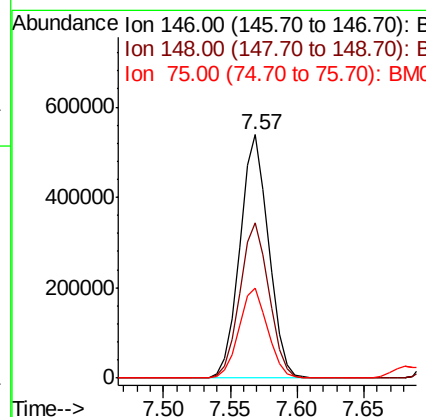
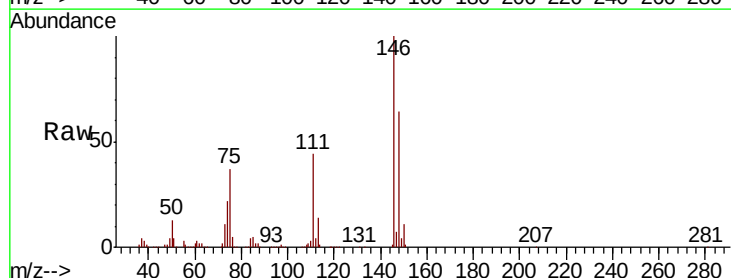
Manual Integrations
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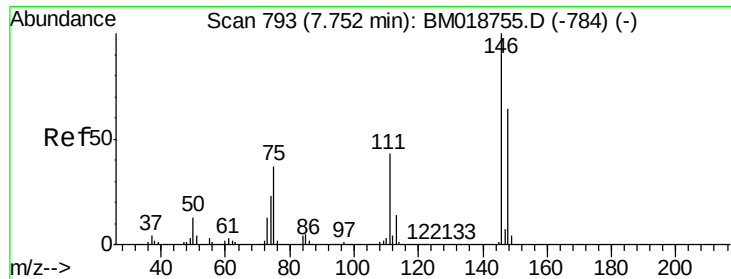
Sohil
3/4/2019 4:53:06 PM



#12
1,3-Dichlorobenzene
Concen: 32.255 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	36.9	31.3	46.9





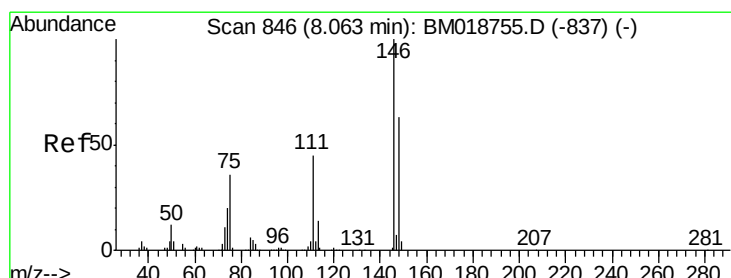
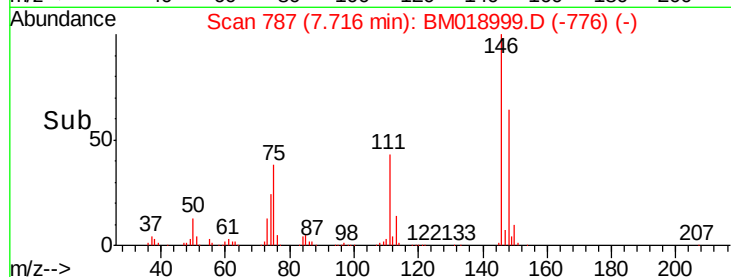
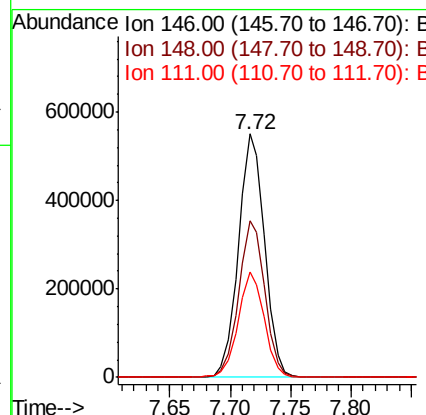
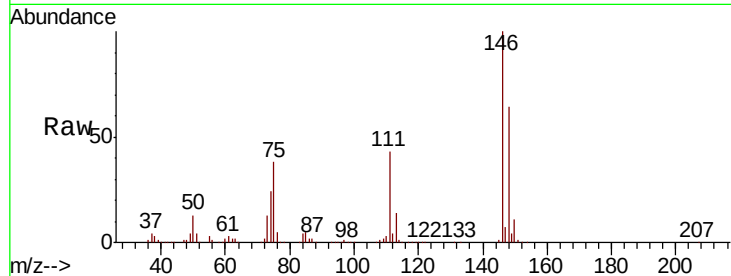
#13
 1,4-Dichlorobenzene
 Concen: 32.815 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	43.4	34.6	52.0

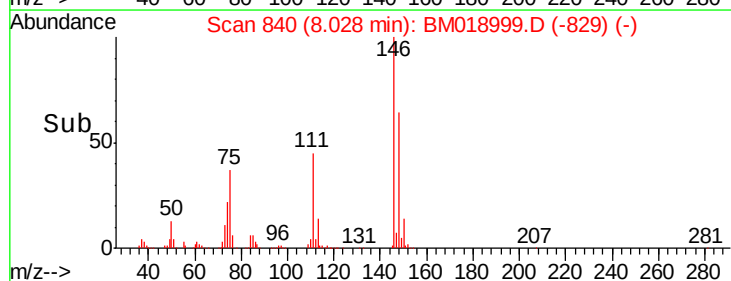
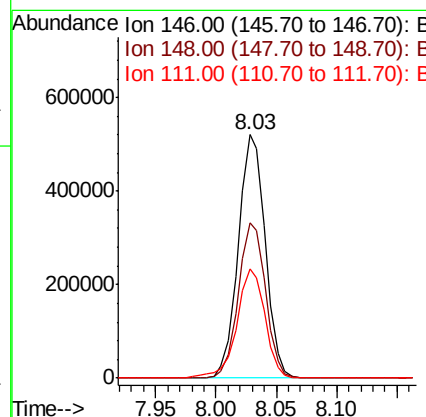
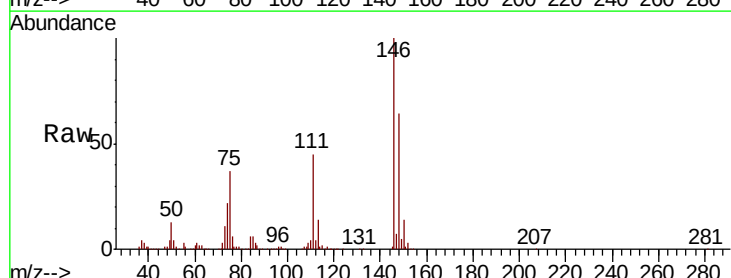
Manual Integrations
 APPROVED

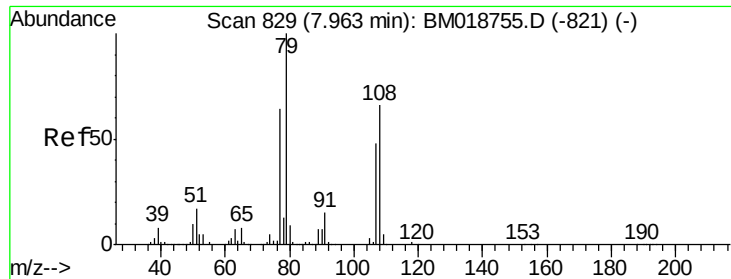
Sohil
 3/4/2019 4:53:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.304 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	45.1	35.9	53.9





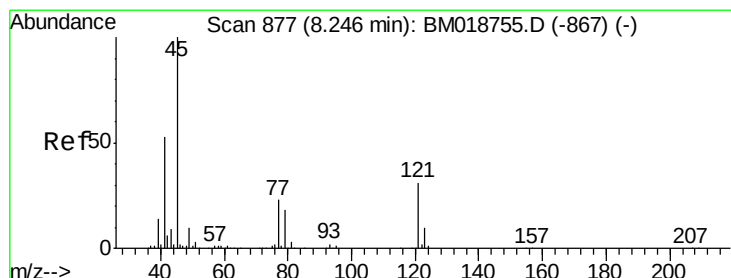
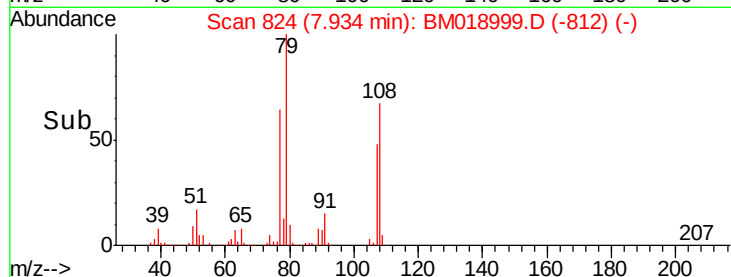
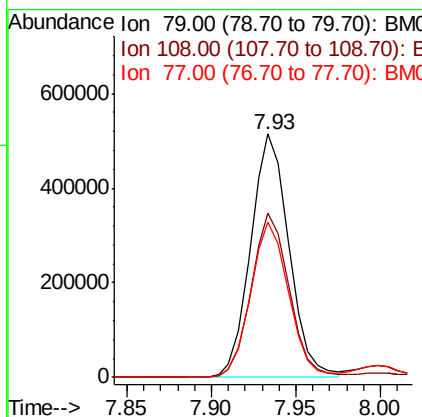
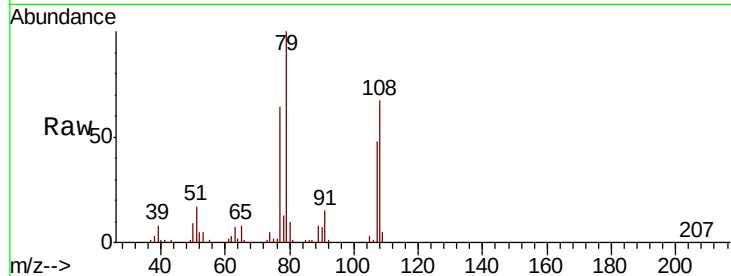
#15
Benzyl Alcohol
Concen: 35.907 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	52.7	79.1
77	63.9	51.0	76.4

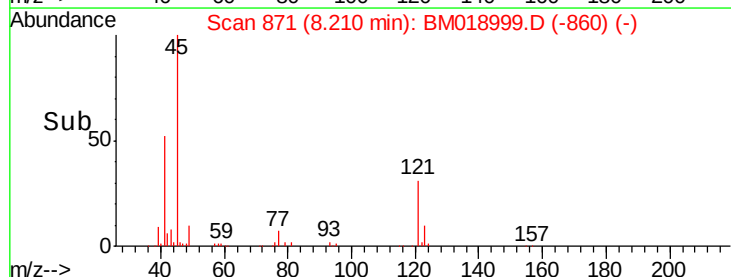
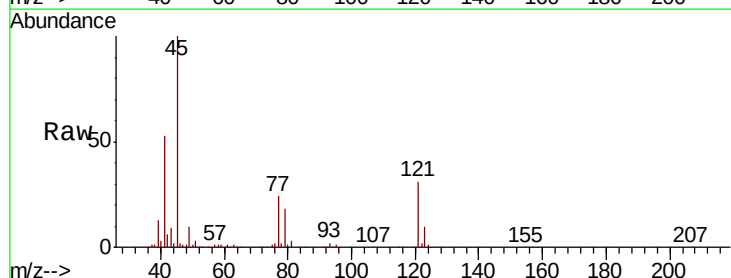
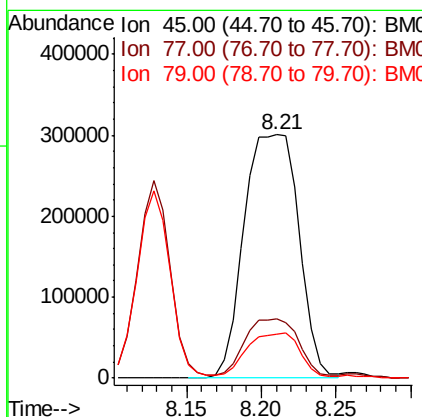
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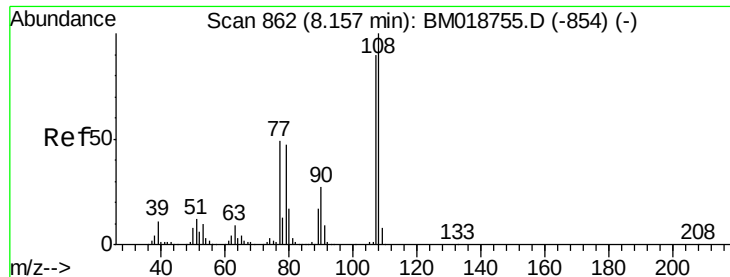
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.742 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.3	5.0	45.0
79	17.9	0.0	39.3





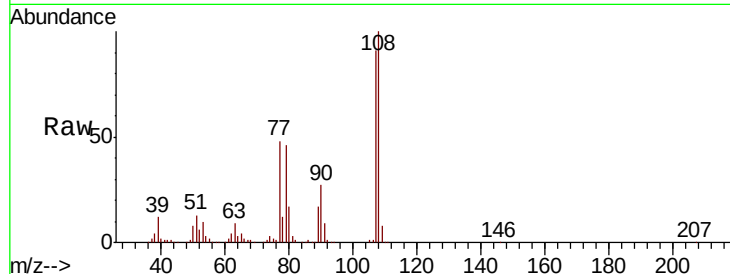
#17
2-Methylphenol
Concen: 36.974 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	703643		
108	110.1	88.8	133.2	
77	52.9	44.0	66.0	
79	50.2	42.4	63.6	

Manual Integrations
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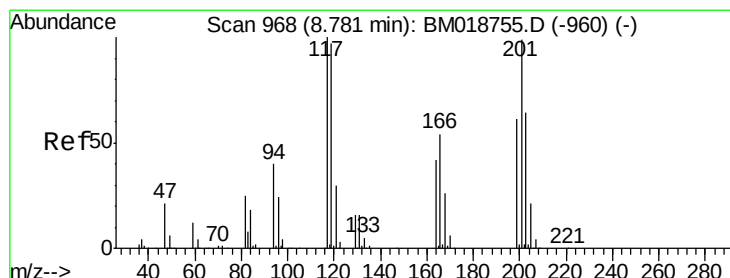
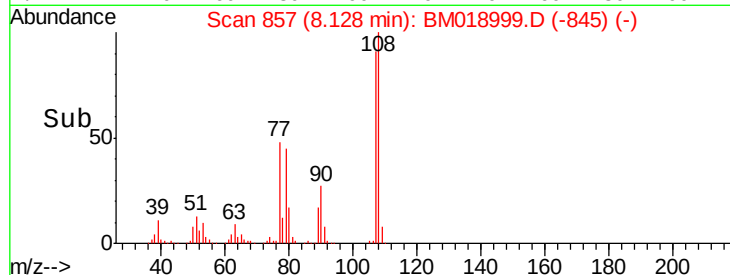
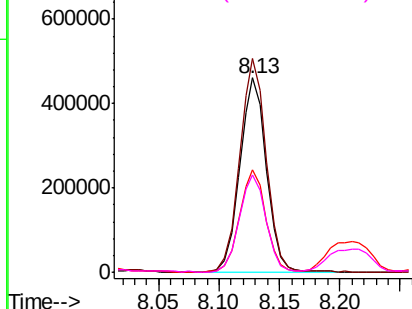
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

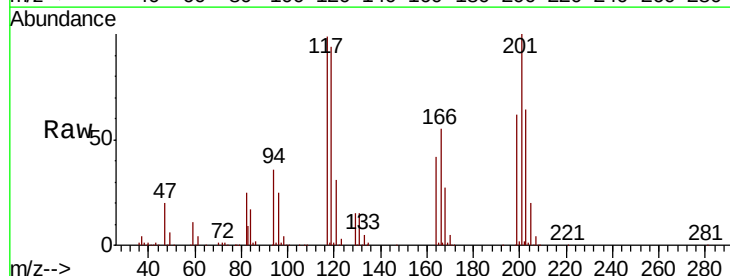
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 32.865 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	304162		
119	95.6	77.9	116.9	
201	101.3	79.2	118.8	

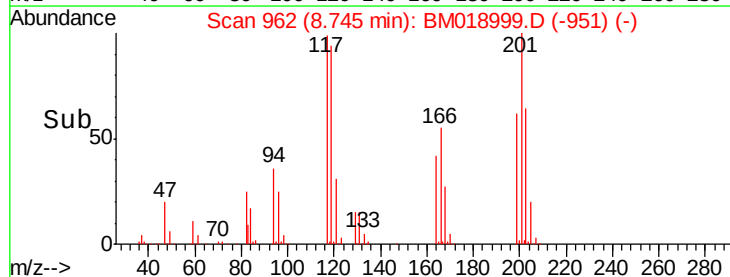
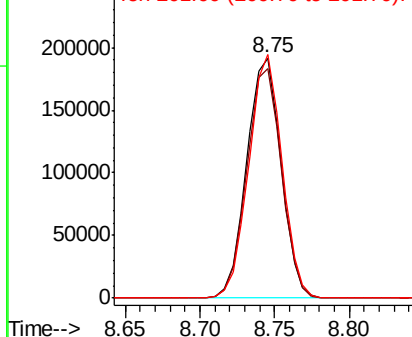


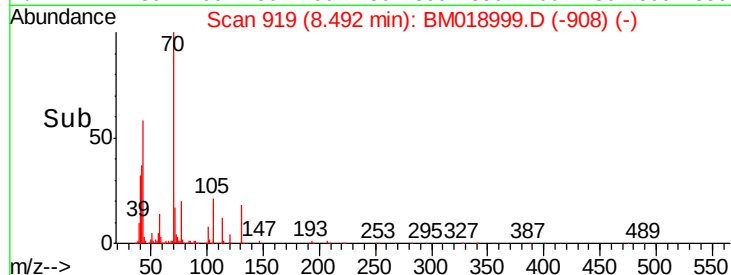
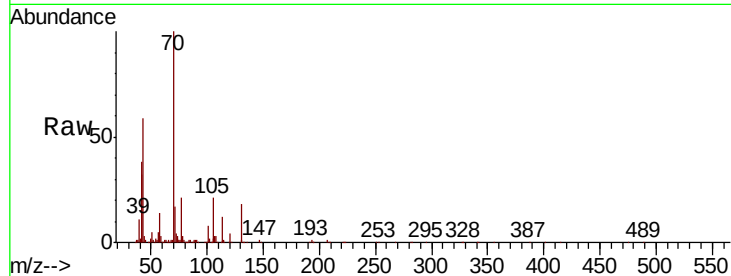
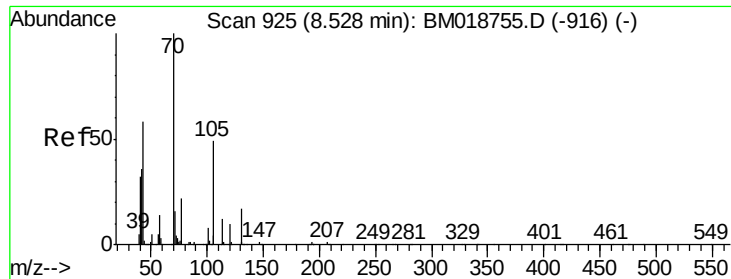
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





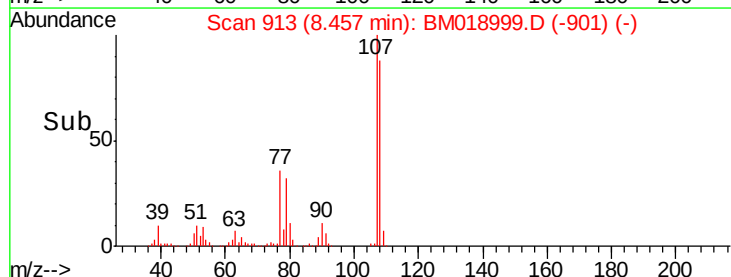
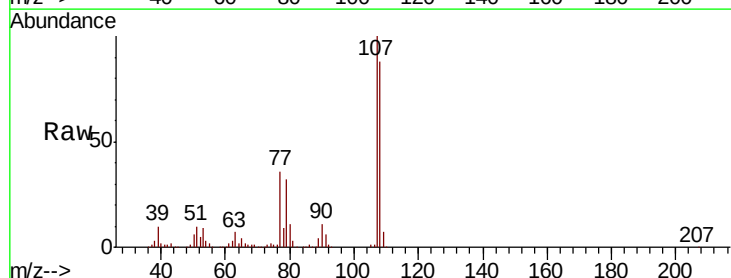
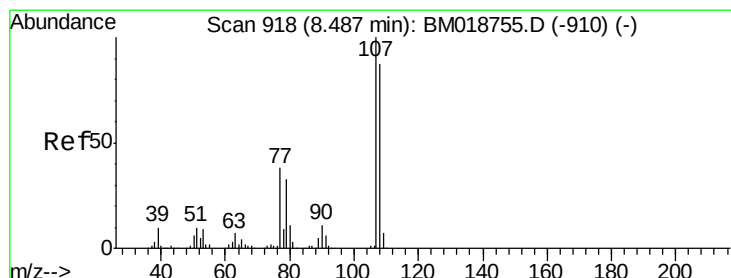
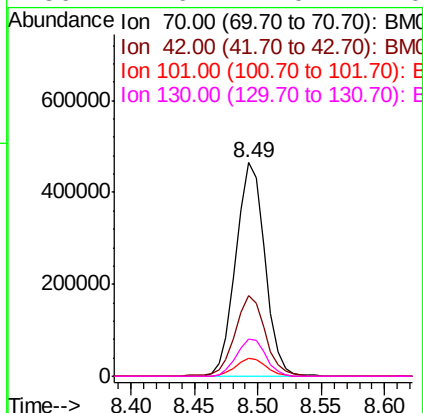
#19
n-Nitroso-di-n-propylamine
Concen: 33.611 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.5	29.4	44.0
101	8.4	6.7	10.1
130	17.6	14.0	21.0

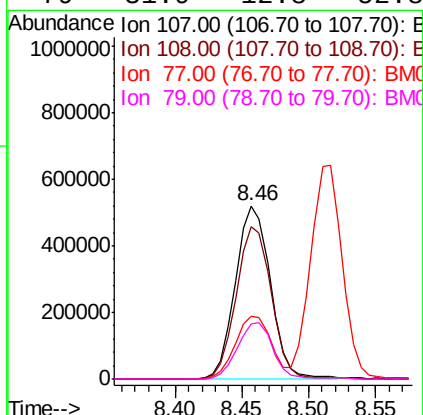
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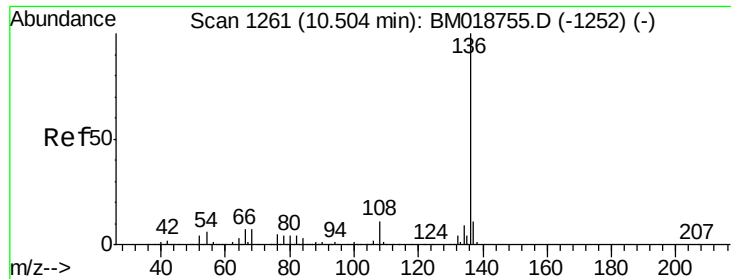
Sohil
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#20
3+4-Methylphenols
Concen: 36.080 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.3	107.3
77	36.5	18.0	58.0
79	31.9	12.8	52.8





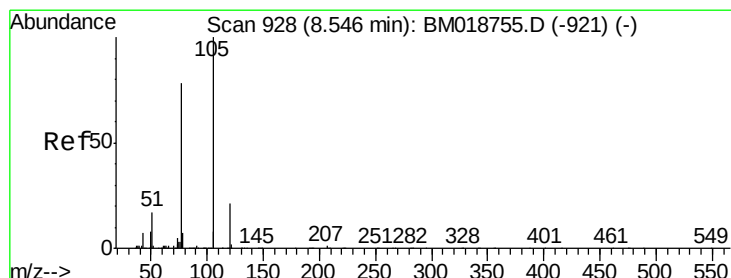
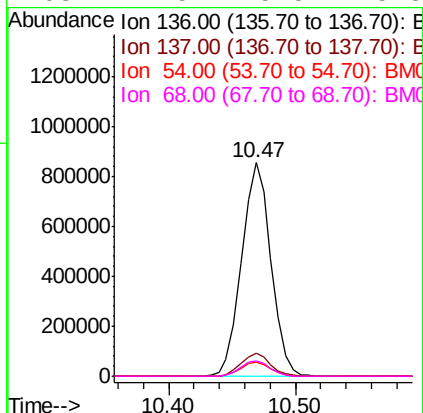
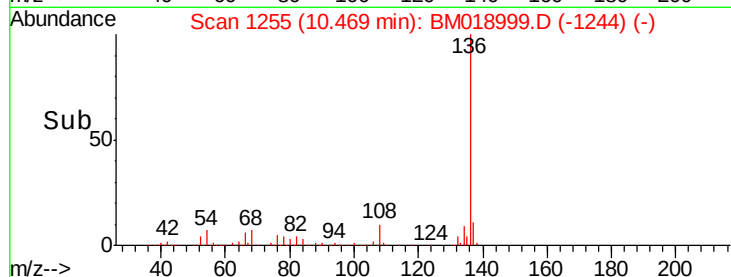
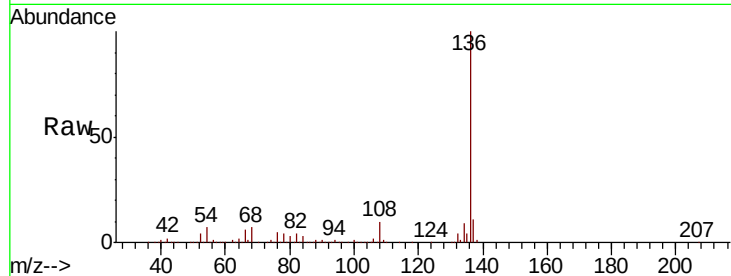
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	136	Resp	1367619
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.0	7.6
68	7.5	5.5	8.3

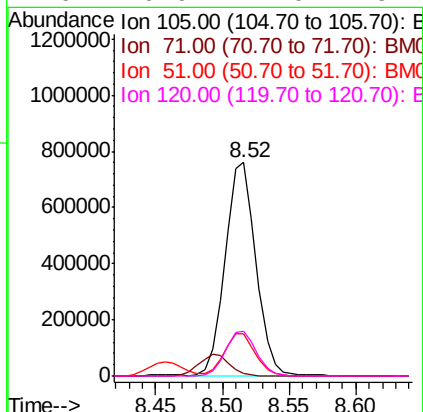
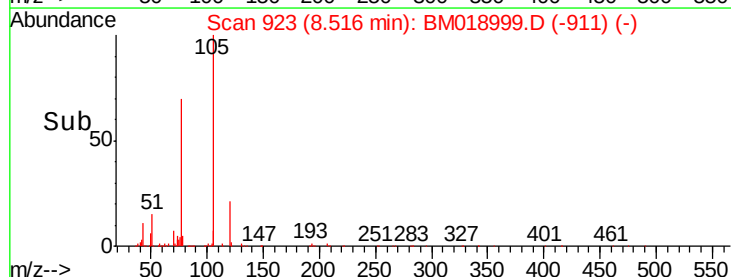
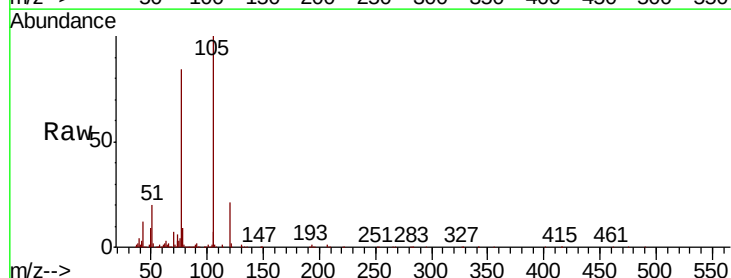
Manual Integrations
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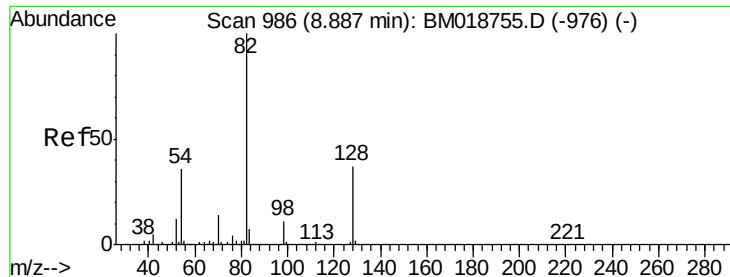
Sohil
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#22
Acetophenone
Concen: 32.511 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	105	Resp	1221026
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.1	1.7#
51	19.6	15.5	23.3
120	20.9	17.0	25.4





#23

Nitrobenzene-d5

Concen: 69.375 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion: 82 Resp: 2051929

Ion Ratio Lower Upper

82 100

128 37.5 29.9 44.9

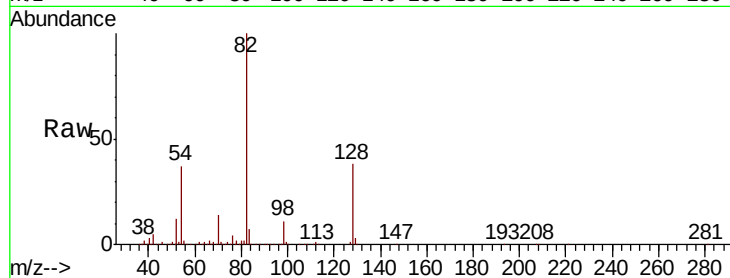
54 37.0 29.1 43.7

Manual Integrations

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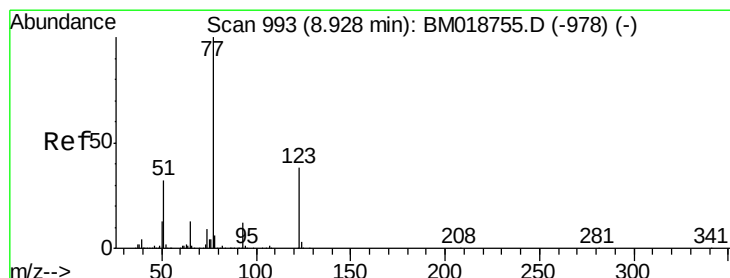
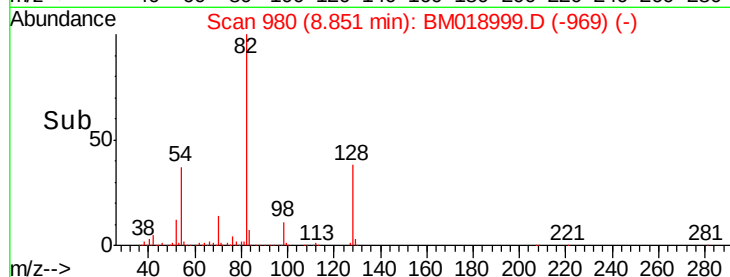
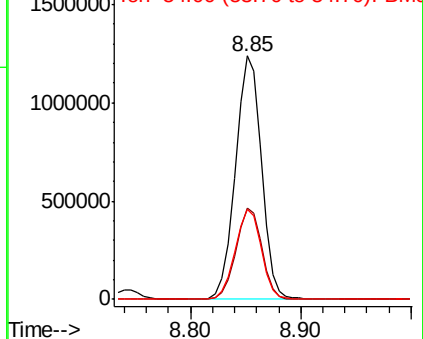
3/4/2019 4:53:06 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 33.690 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

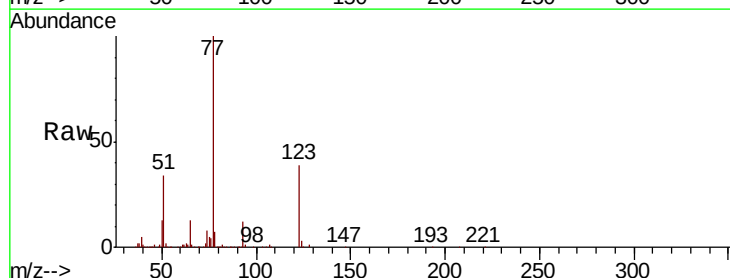
Tgt Ion: 77 Resp: 1034328

Ion Ratio Lower Upper

77 100

123 39.3 30.7 46.1

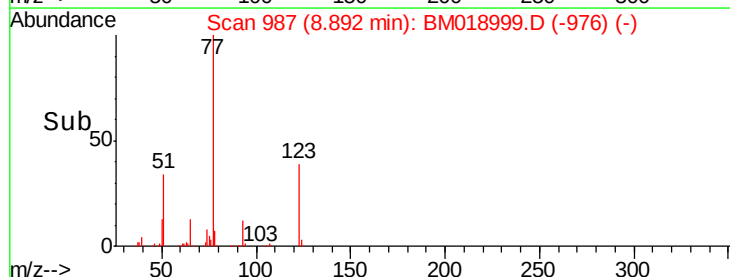
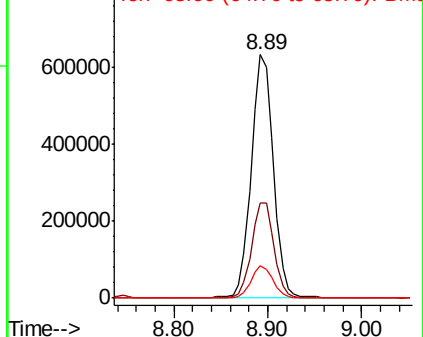
65 13.3 10.5 15.7

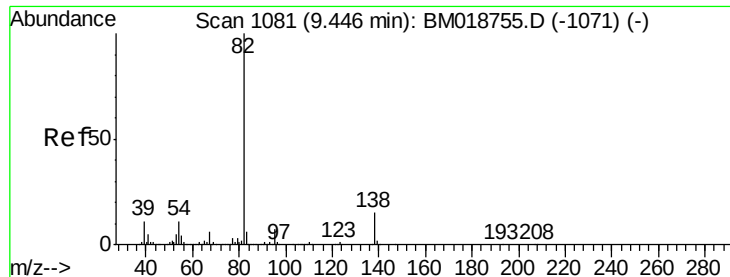


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 38.650 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion: 82 Resp: 1824054

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

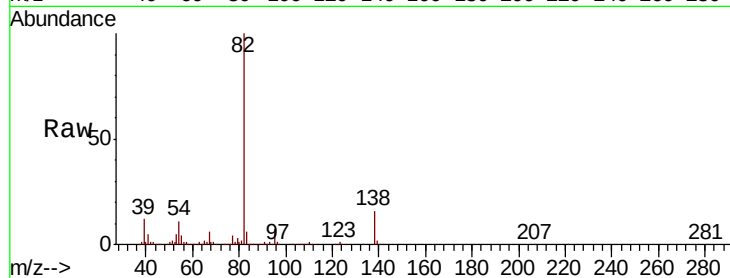
138 15.7 12.3 18.5

Manual Integrations

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Sohil

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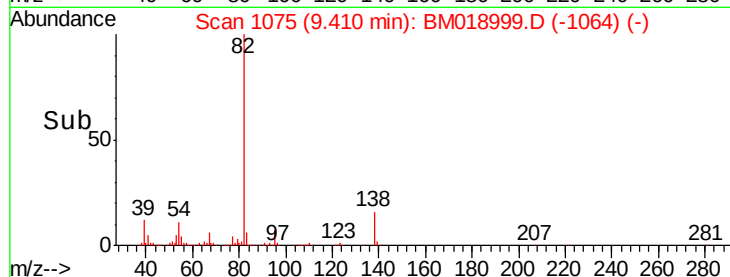


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->

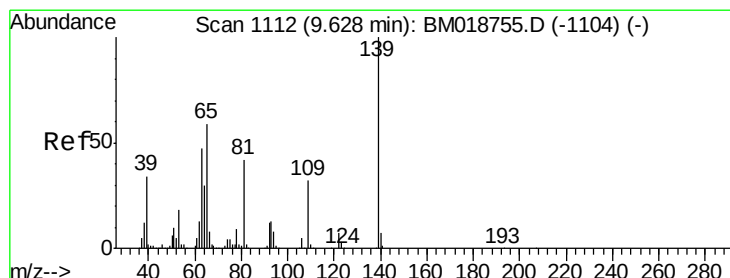


Abundance Ion 82.00 (81.70 to 82.70): BM018999.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018999.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018999.D (-1064) (-)

Time-->



#26

2-Nitrophenol

Concen: 36.199 ng

RT: 9.60 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

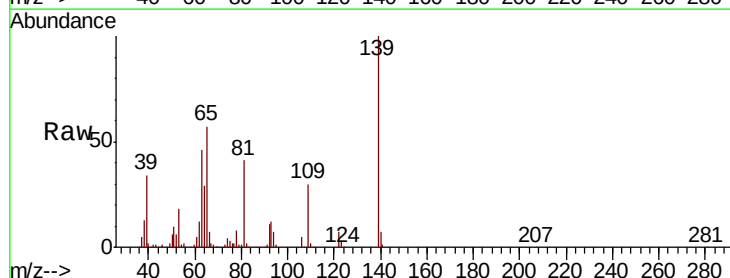
Tgt Ion: 139 Resp: 442585

Ion Ratio Lower Upper

139 100

109 30.4 25.2 37.8

65 57.3 47.0 70.4

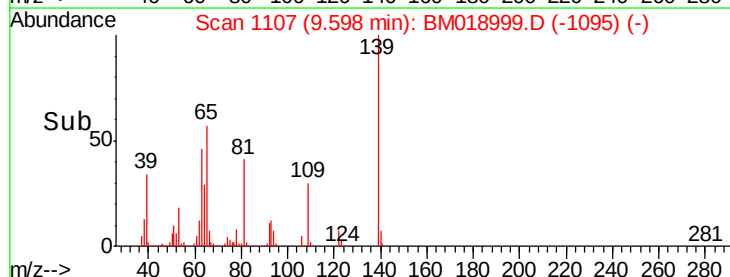


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

Time-->

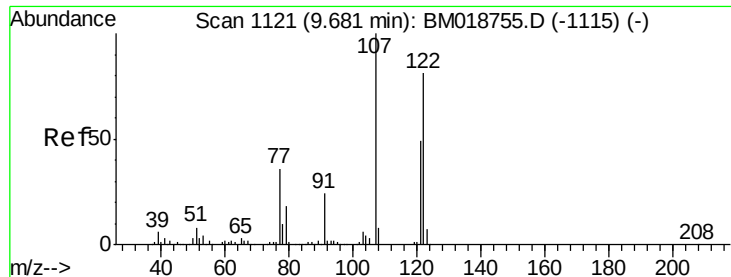


Abundance Ion 139.00 (138.70 to 139.70): BM018999.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018999.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018999.D (-1095) (-)

Time-->



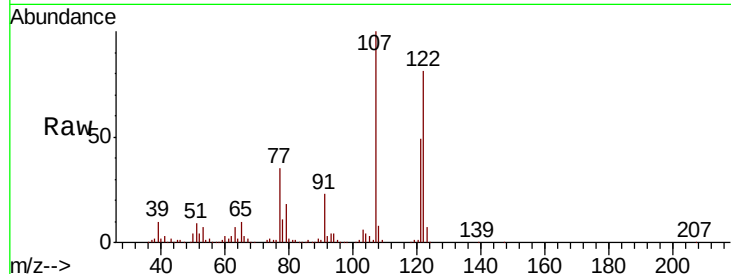
#27
2,4-Dimethylphenol
Concen: 40.334 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	720256		
107	124.2	97.6	146.4	
121	60.8	47.9	71.9	

Manual Integrations
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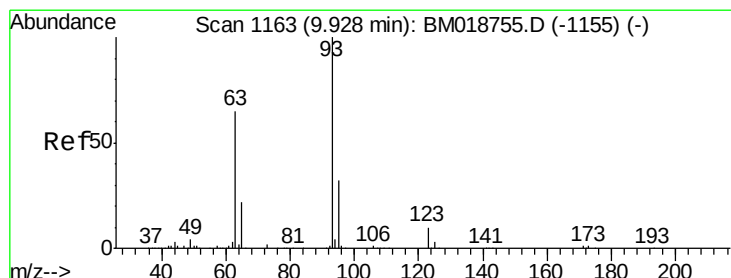
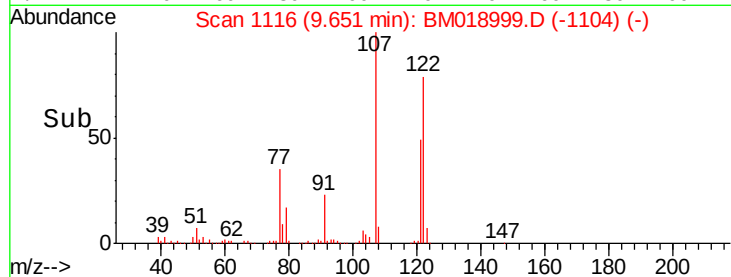
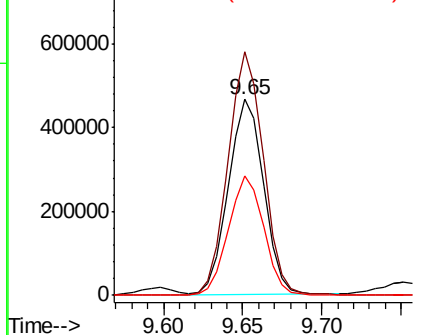


Abundance

Ion 122.00 (121.70 to 122.70): E

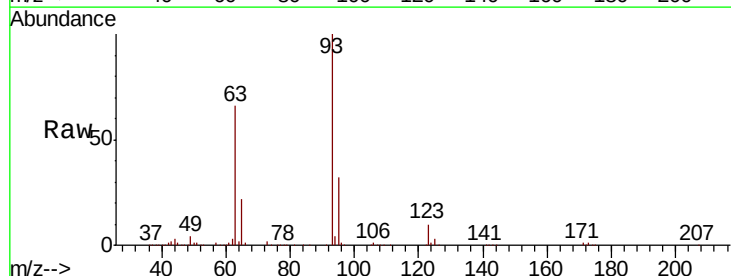
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 35.757 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1091231		
95	31.8	25.6	38.4	
123	10.1	8.2	12.4	

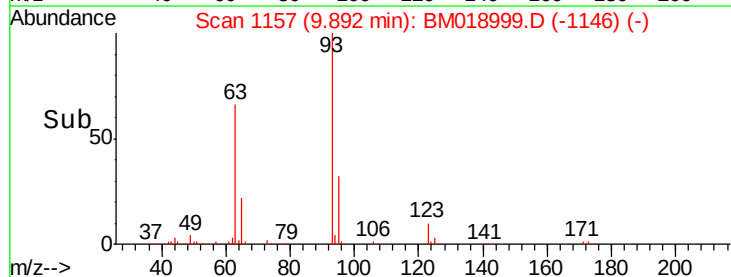
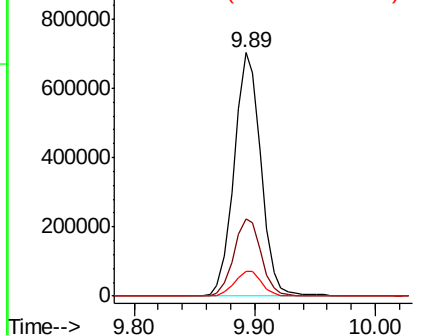


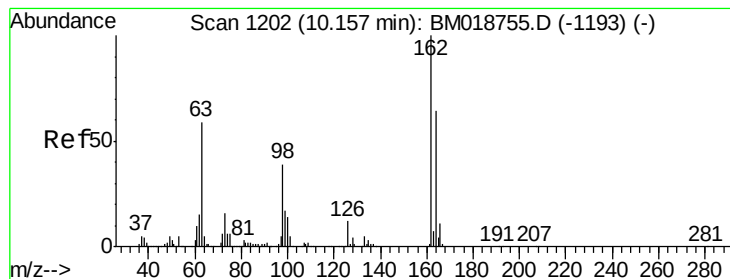
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





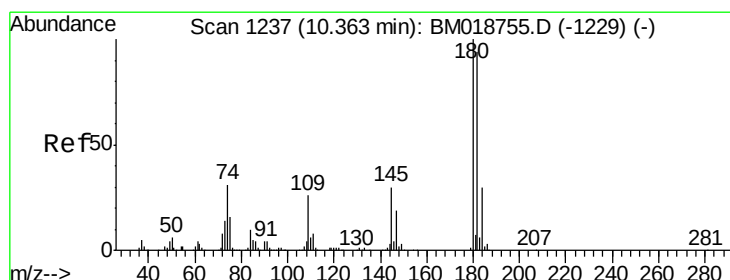
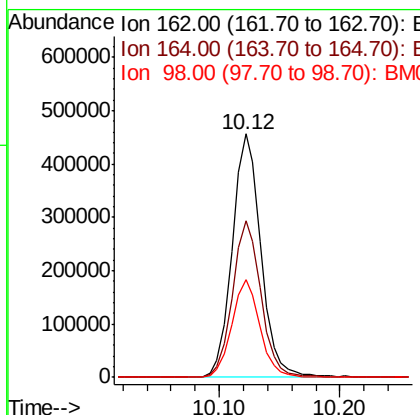
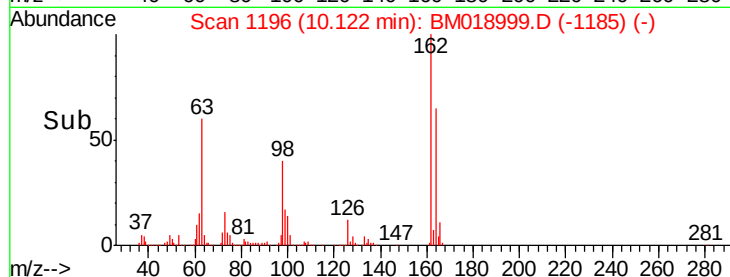
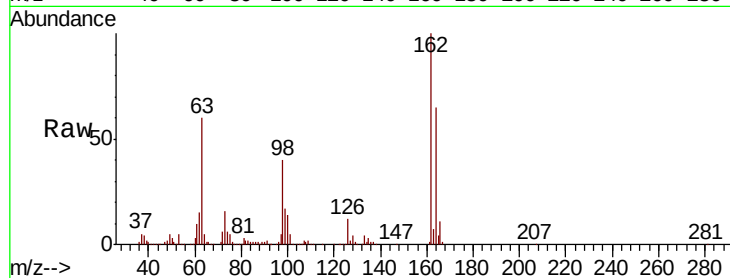
#29
2,4-Dichlorophenol
Concen: 36.756 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	753664		
164	64.5	44.1	84.1	
98	40.0	19.4	59.4	

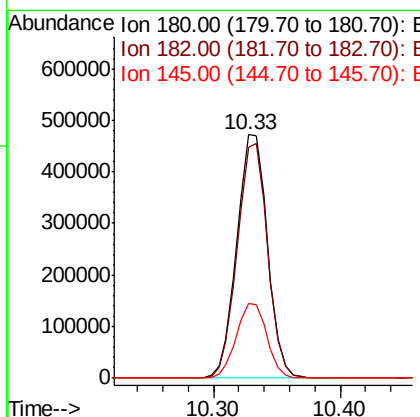
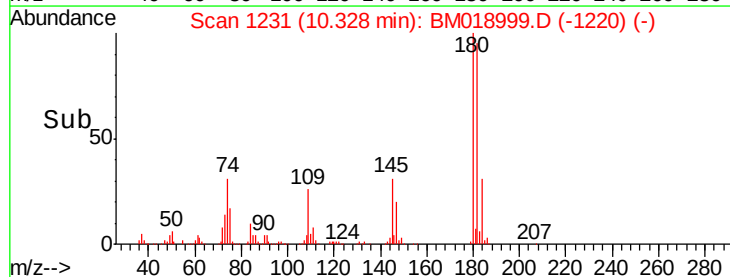
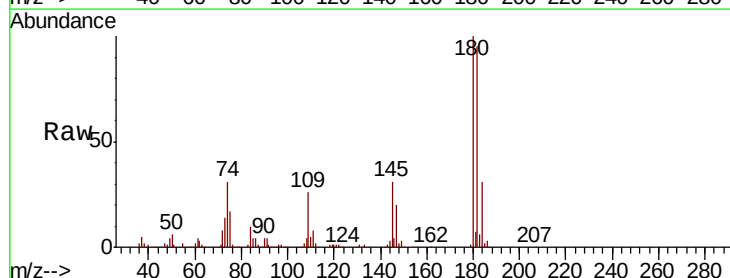
Manual Integrations
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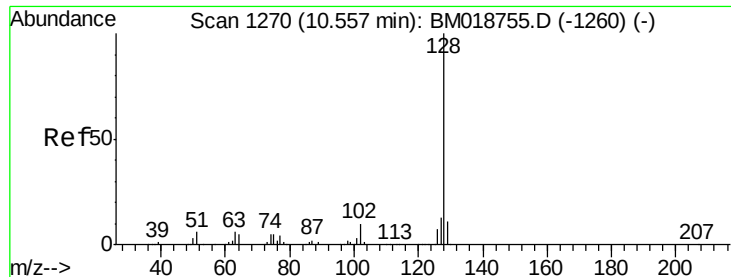
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 33.419 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	791363		
182	94.7	75.0	112.6	
145	30.7	24.1	36.1	





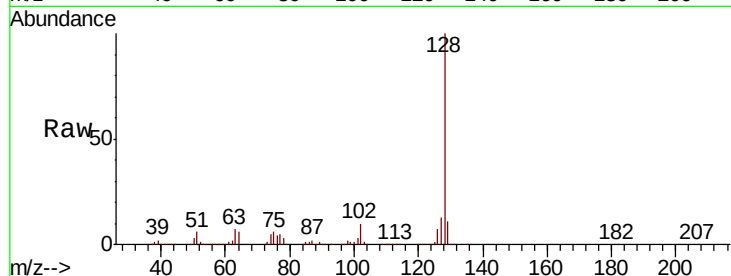
#31
Naphthalene
Concen: 36.304 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.3	10.7	16.1

Manual Integrations
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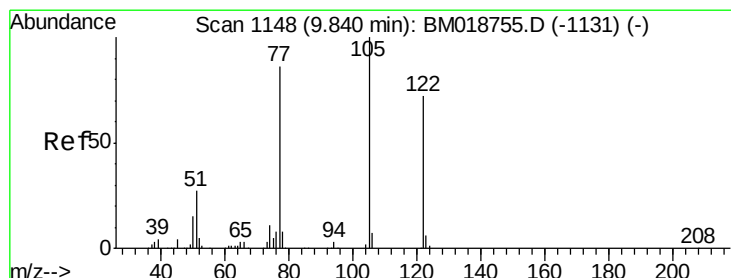
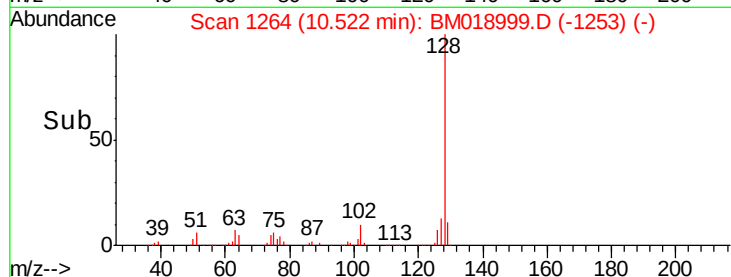
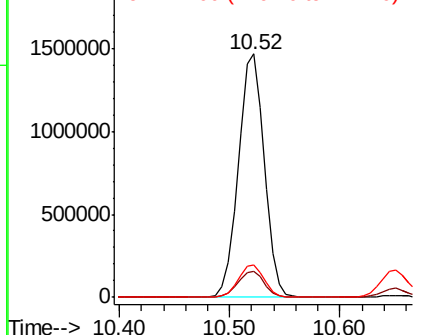


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 4.197 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

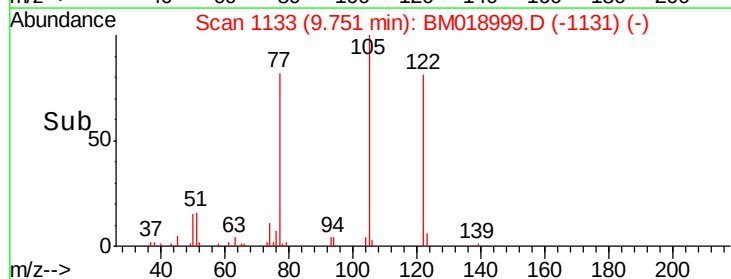
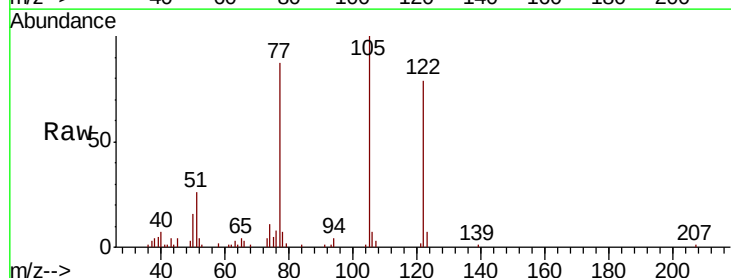
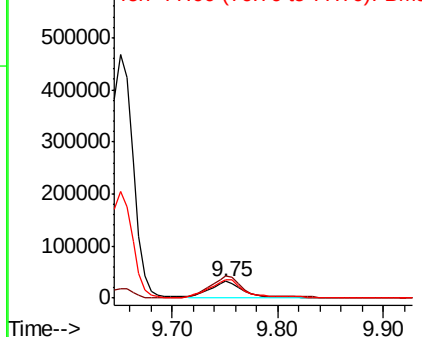
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	117.5	157.5
77	110.7	98.5	138.5

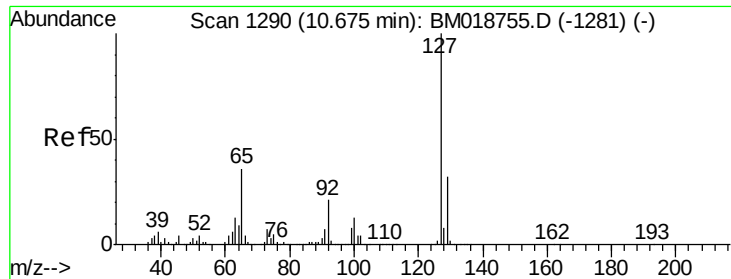
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





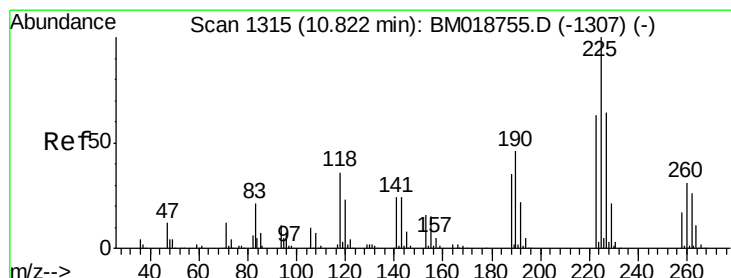
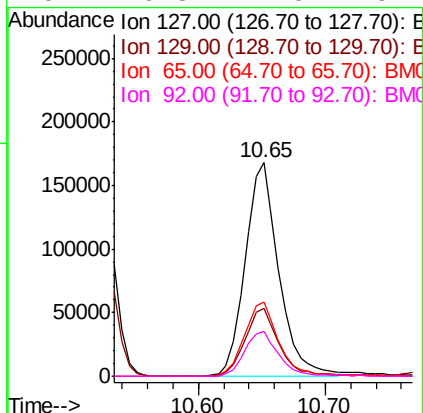
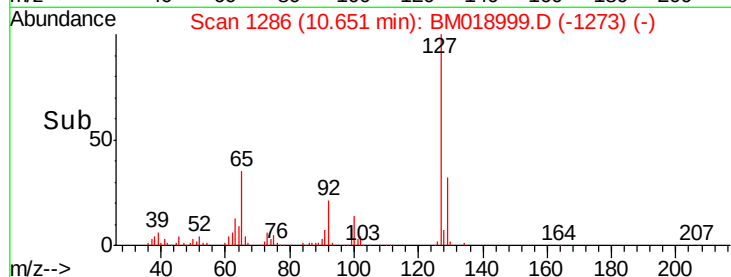
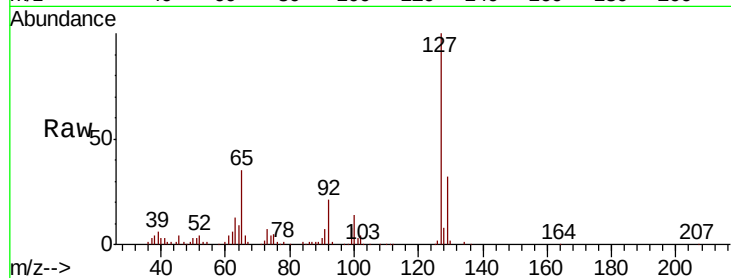
#33
4-Chloroaniline
Concen: 10.351 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	34.7	28.7	43.1
92	20.8	17.0	25.4

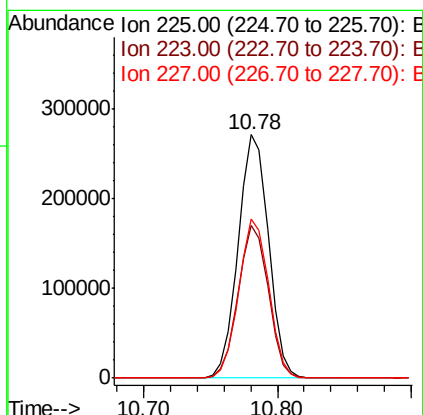
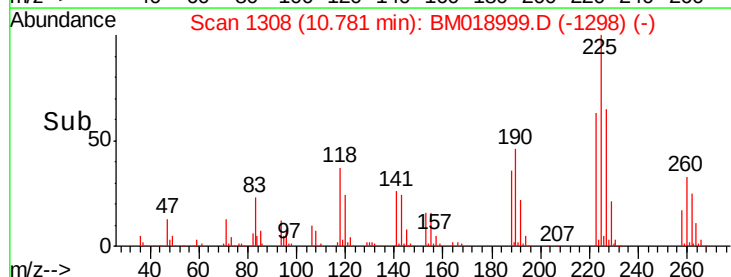
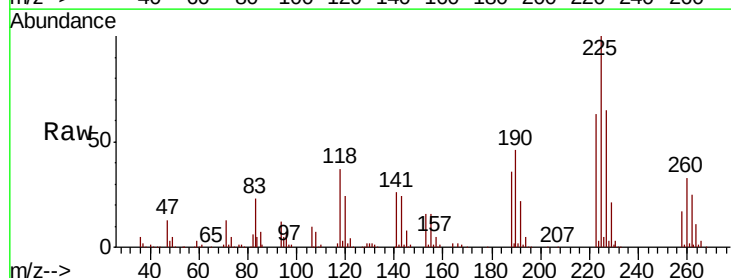
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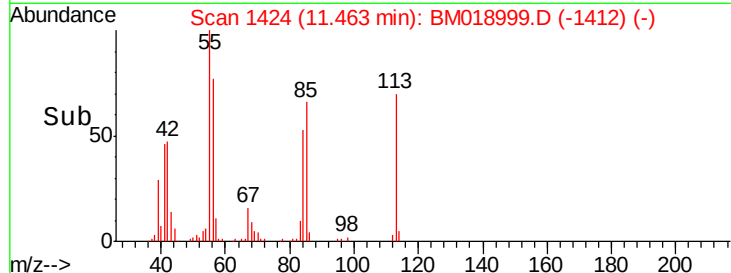
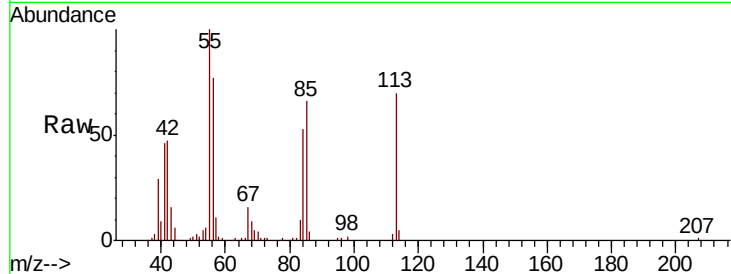
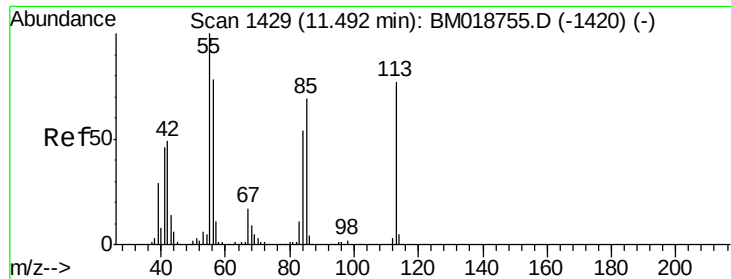
Sohil
3/4/2019 4:53:06 PM



#34
Hexachlorobutadiene
Concen: 31.009 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	65.1	51.4	77.0





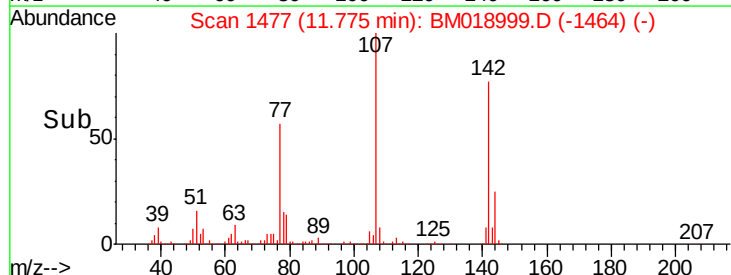
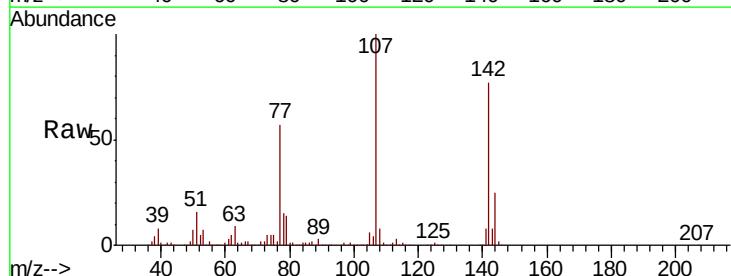
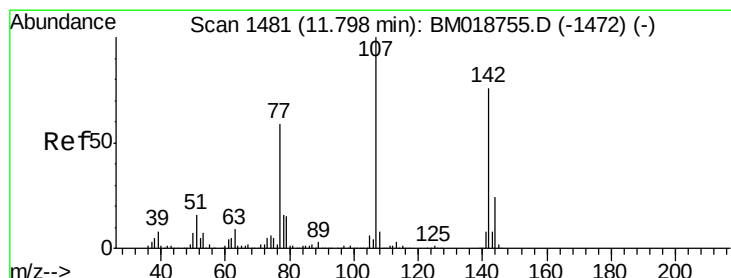
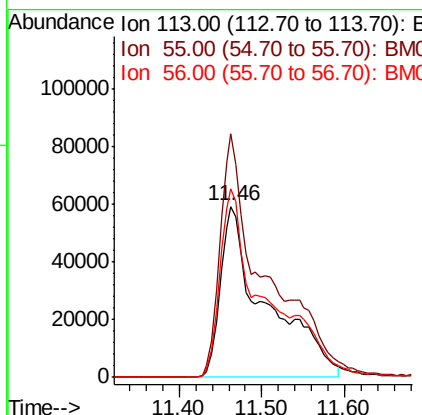
#35
Caprolactam
Concen: 27.001 ng/ml
RT: 11.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	225951		
55	142.5	110.7	150.7	
56	110.2	82.4	122.4	

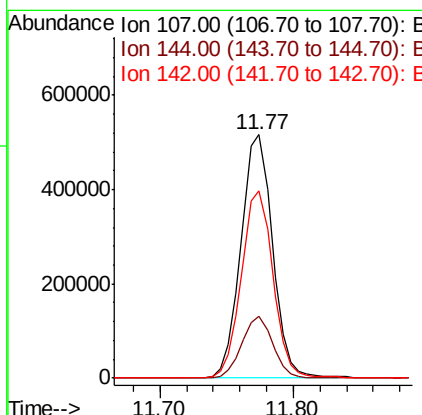
Manual Integrations
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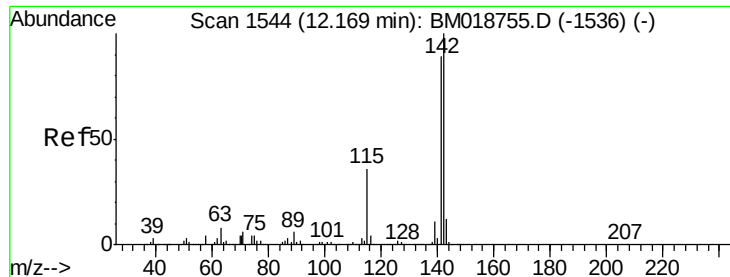
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#36
4-Chloro-3-methylphenol
Concen: 34.234 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	846327		
144	25.3	19.3	28.9	
142	76.8	60.5	90.7	





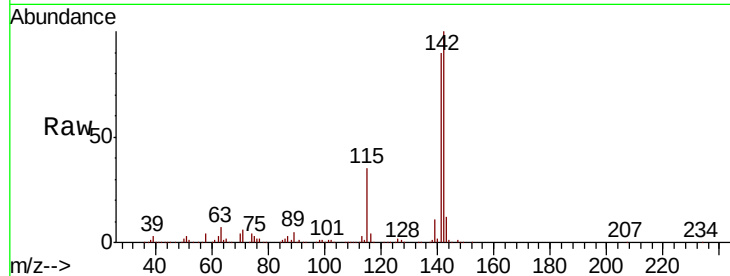
#37
2-Methylnaphthalene
Concen: 37.315 ng
RT: 12.14 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	35.3	29.1	43.7

Manual Integrations
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3/4/2019 4:53:06 PM

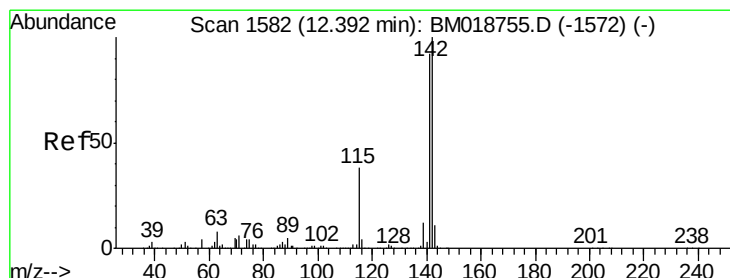
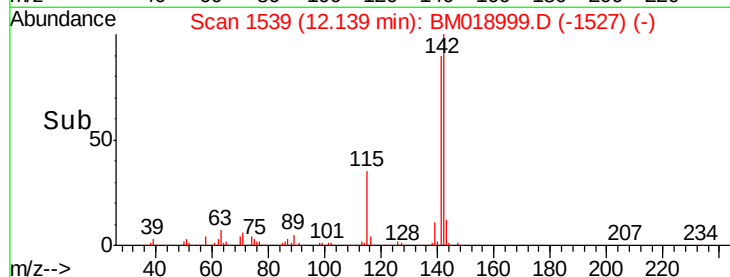
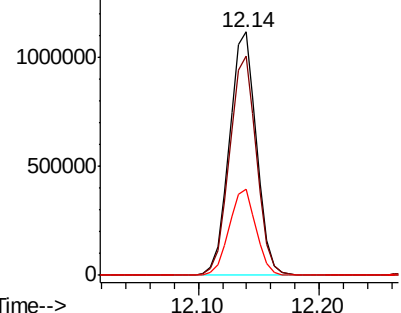


Abundance

Ion 142.00 (141.70 to 142.70): E

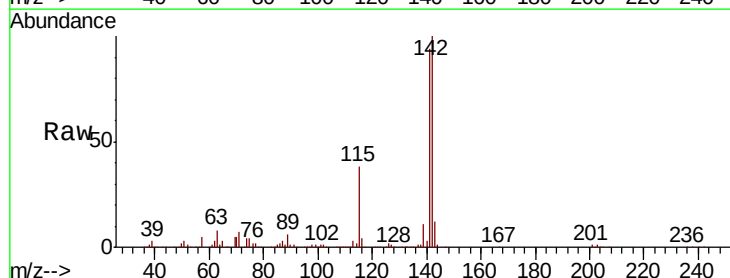
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.185 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.9	110.9
116	3.8	3.0	4.4

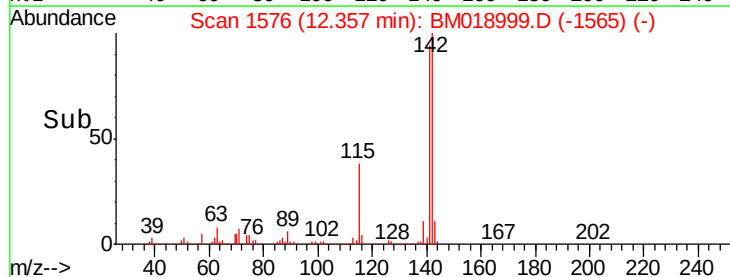
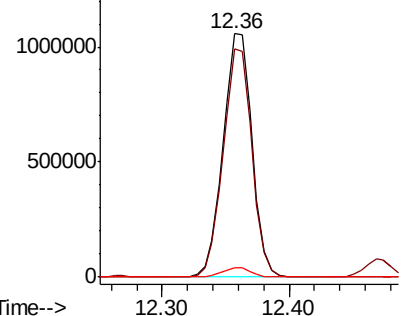


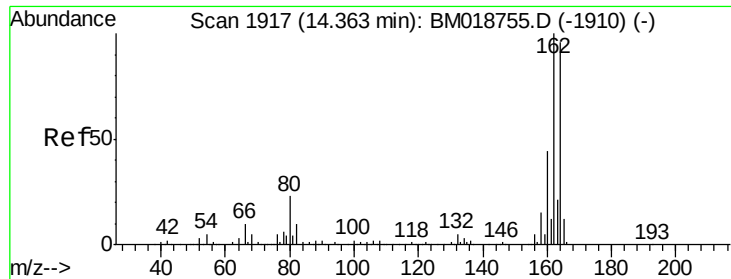
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





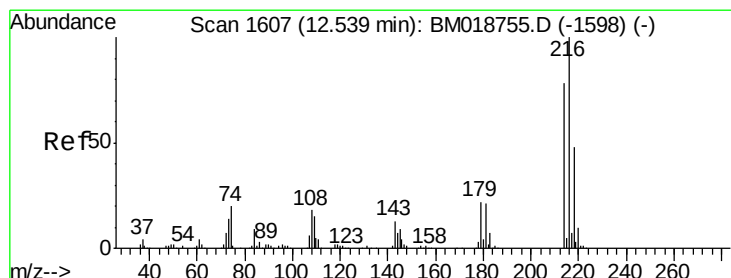
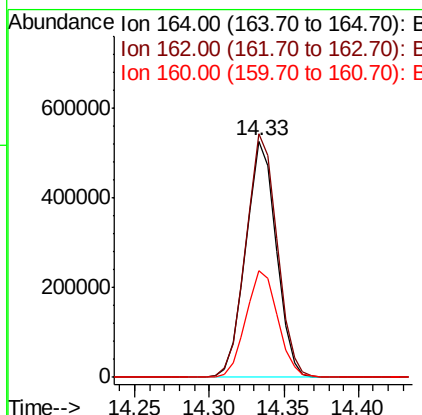
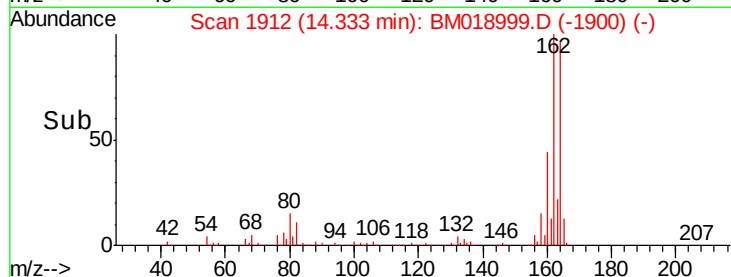
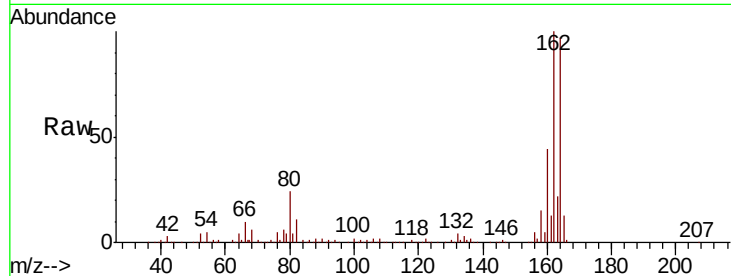
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.4	125.0
160	45.3	36.6	55.0

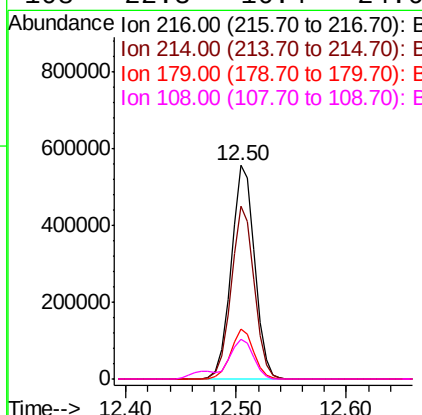
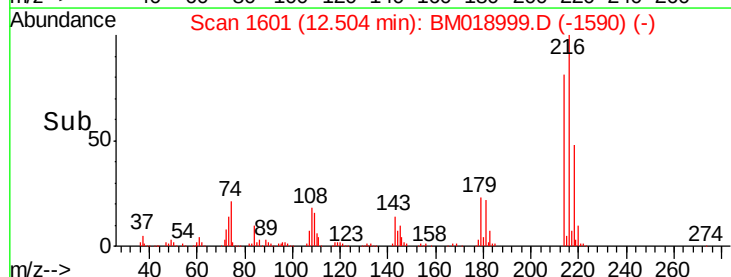
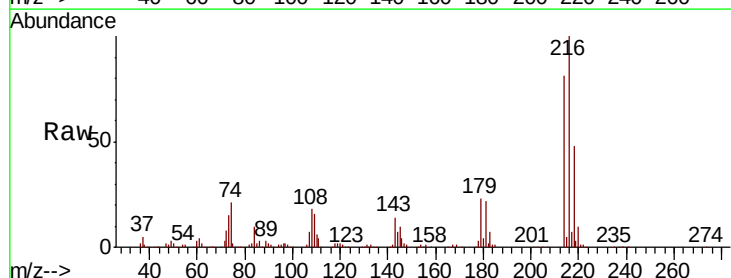
Manual Integrations
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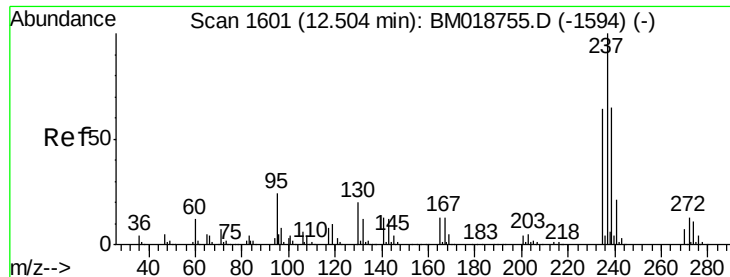
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.703 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	22.9	17.8	26.8
108	22.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 71.921 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

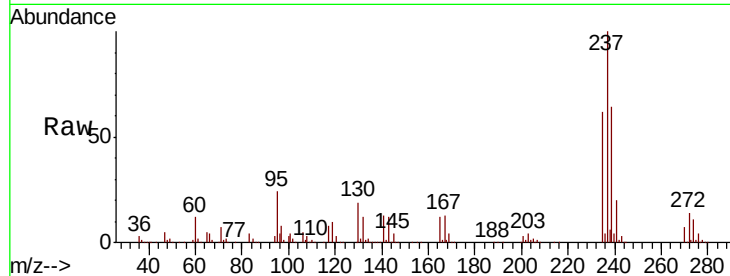
ClientSampleId :

Z-3-13-BMSD

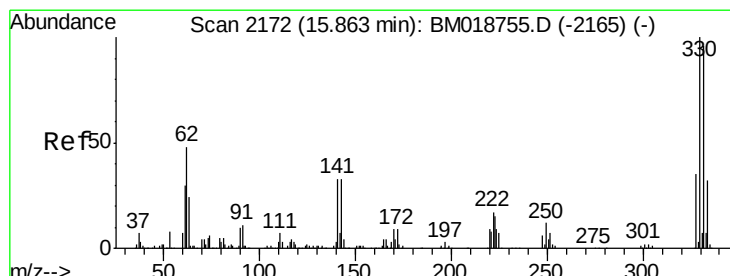
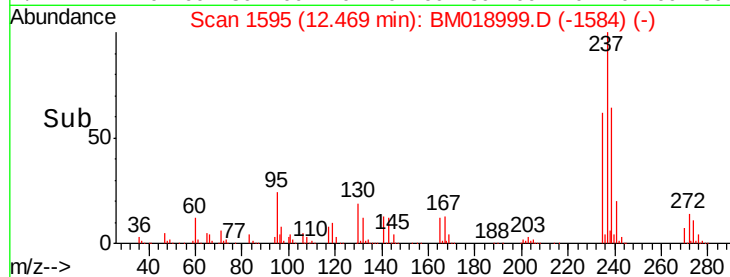
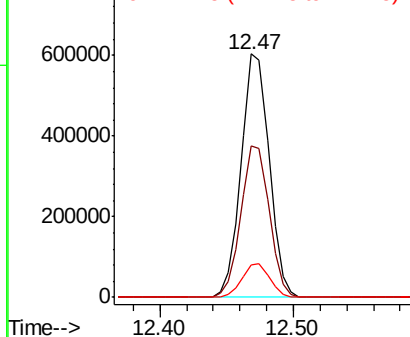
Tot Ion:	237	Resp:	876713
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.7	83.7
272	13.5	0.0	33.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.577 ng

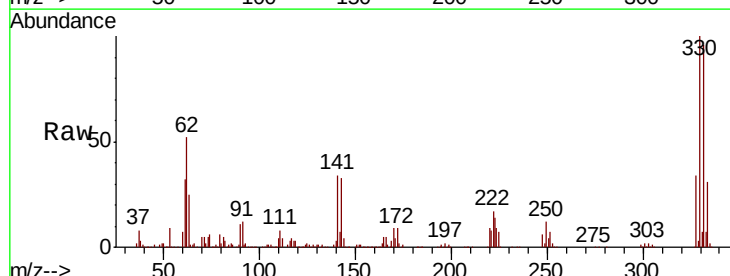
RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

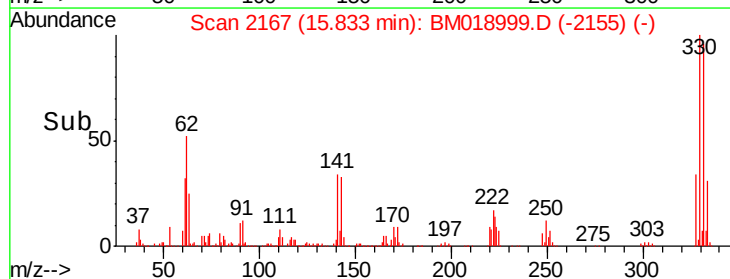
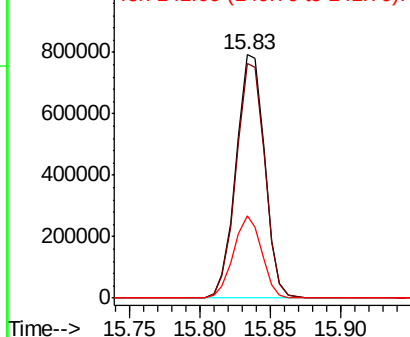
Lab File: BM018999.D

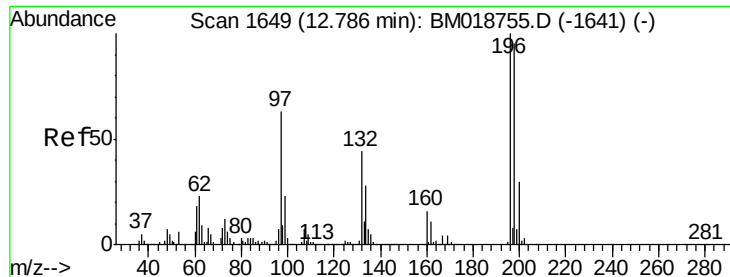
Acq: 01 Mar 2019 22:32

Tgt Ion:	330	Resp:	1123545
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.9	115.3
141	33.4	28.7	43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





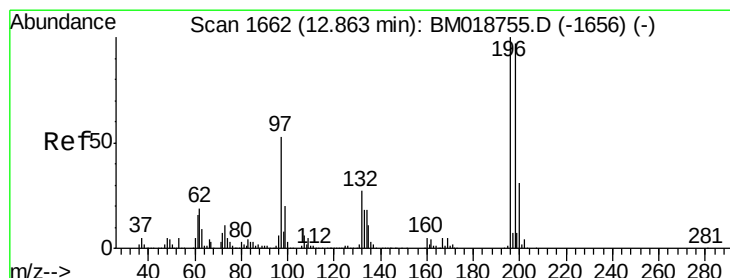
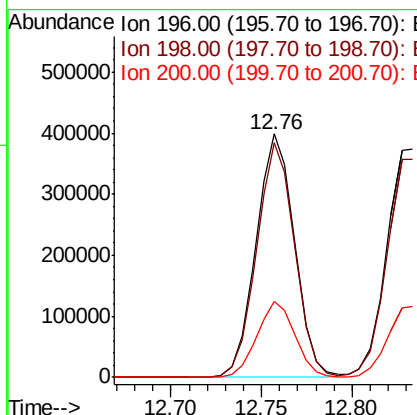
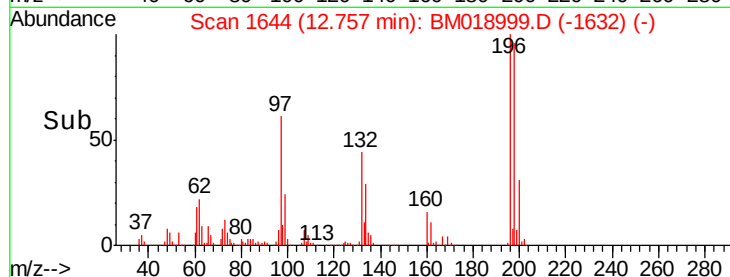
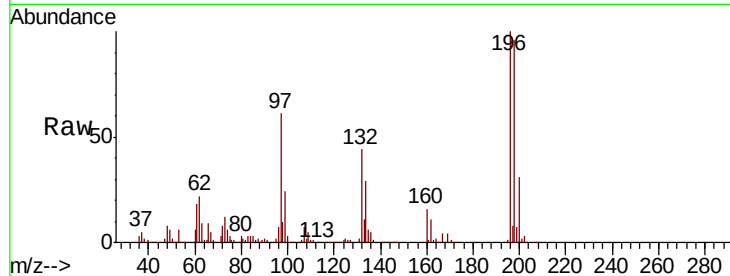
#43
 2,4,6-Trichlorophenol
 Concen: 37.191 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampled :
 Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	587006		
198	96.4	76.2	114.2	
200	31.1	24.2	36.2	

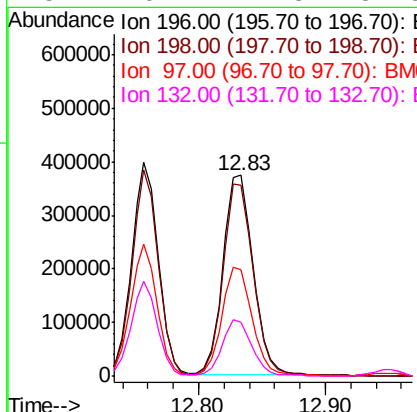
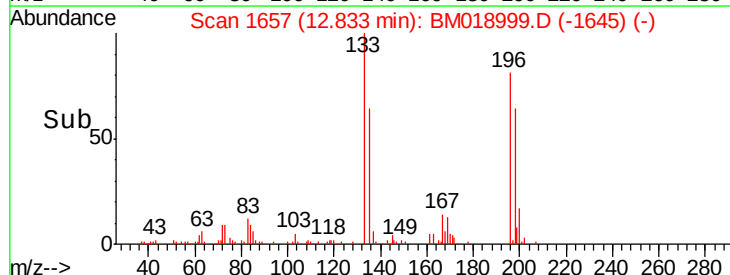
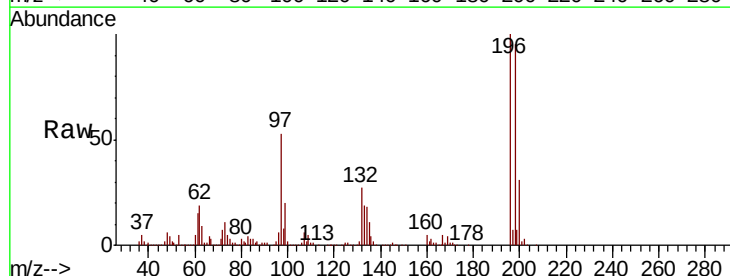
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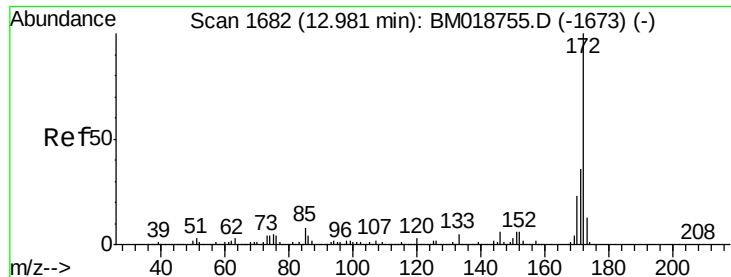
Sohil
 3/4/2019 4:53:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.028 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	612566		
198	95.1	77.6	116.4	
97	53.0	42.8	64.2	
132	26.7	21.8	32.8	





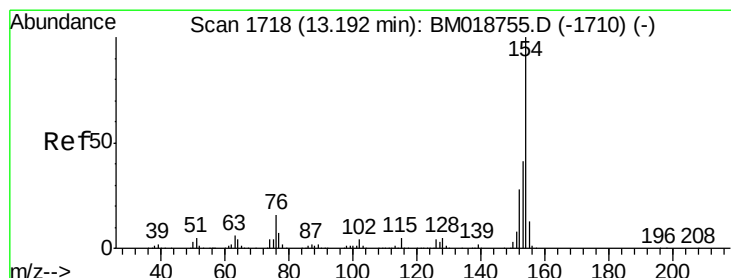
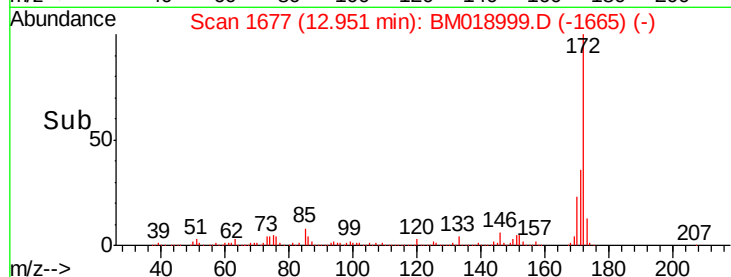
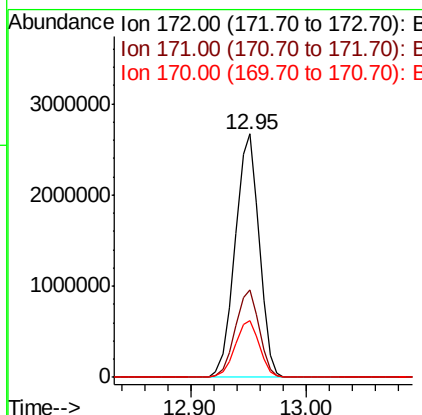
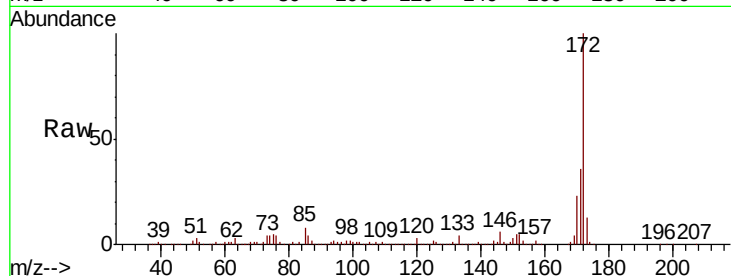
#45
2-Fluorobiphenyl
Concen: 68.483 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.2	18.6	28.0

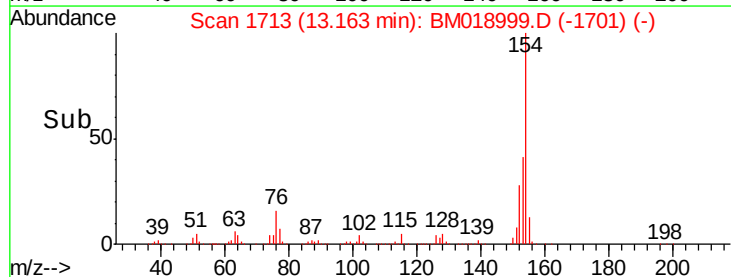
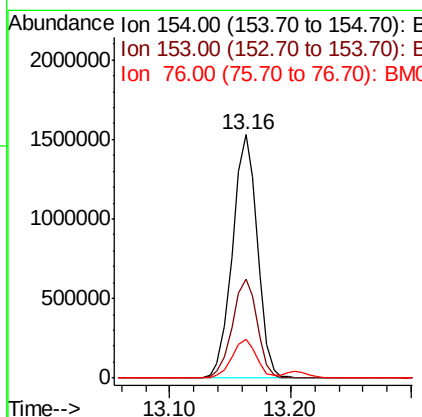
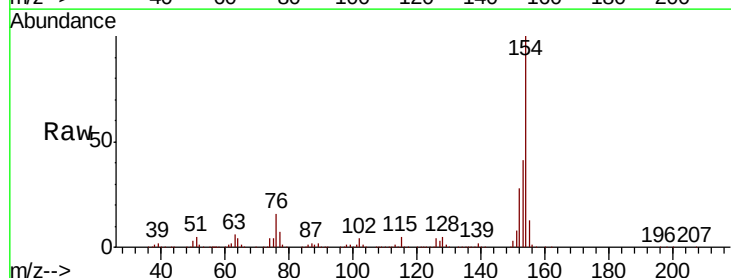
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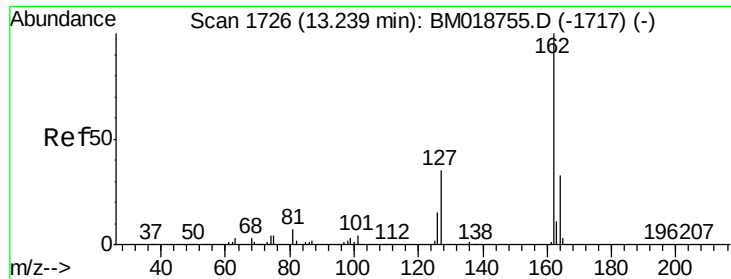
Sohil
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#46
1,1'-Biphenyl
Concen: 34.269 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	15.7	0.0	35.7





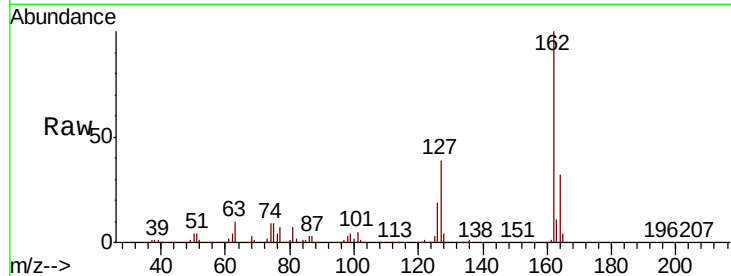
#47
2-Chloronaphthalene
Concen: 34.435 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.1	46.7
164	32.4	26.4	39.6

Manual Integrations
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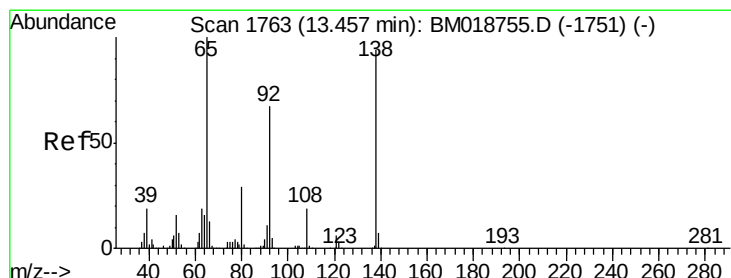
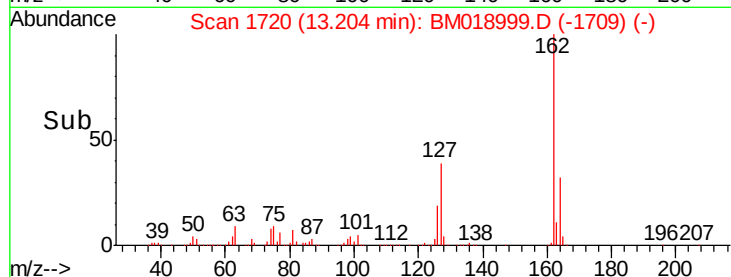
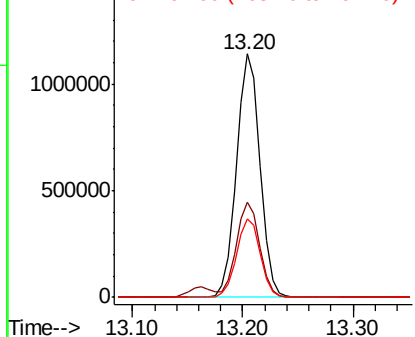


Abundance

Ion 162.00 (161.70 to 162.70): E

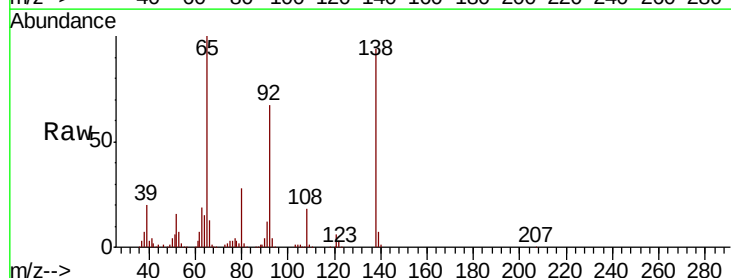
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 34.637 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.0	81.0
138	93.9	74.9	112.3

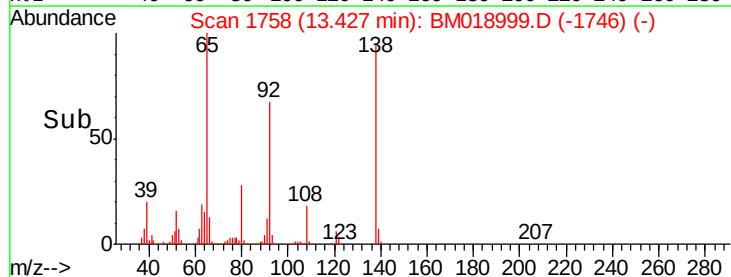
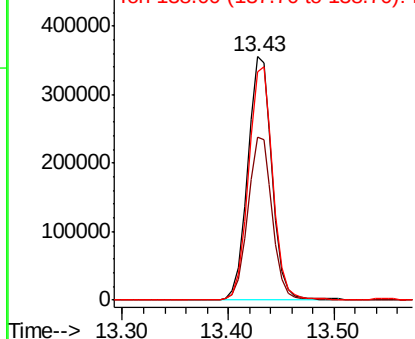


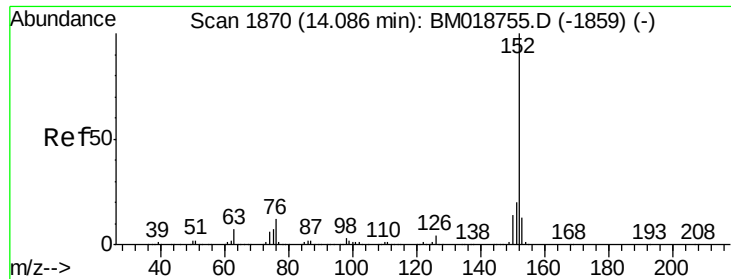
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.929 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

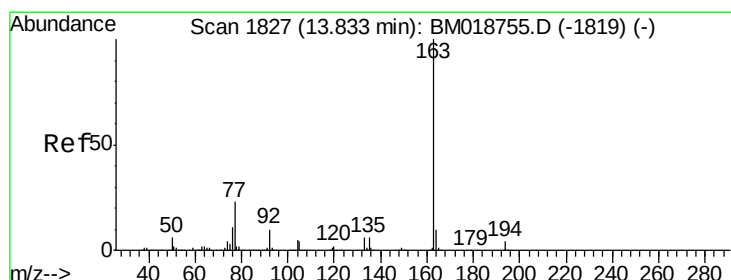
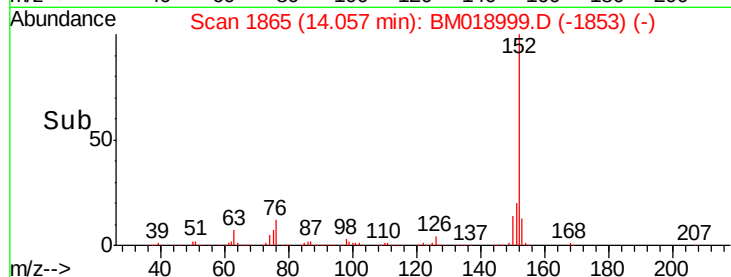
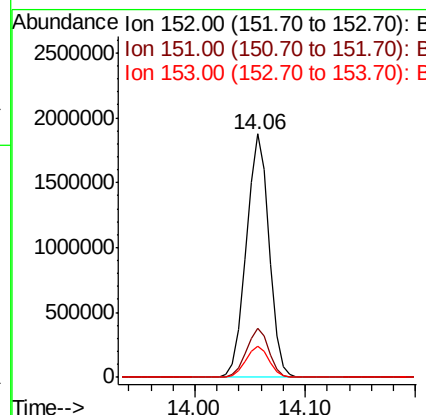
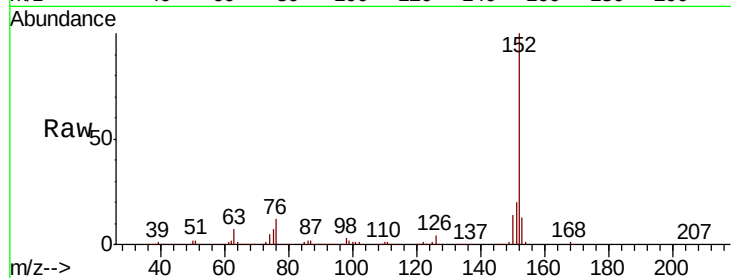
ClientSampleId :

Z-3-13-BMSD

Tot Ion:	152	Resp:	2724794
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.0	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.043 ng

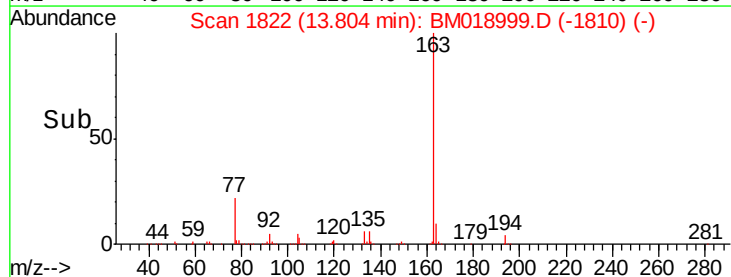
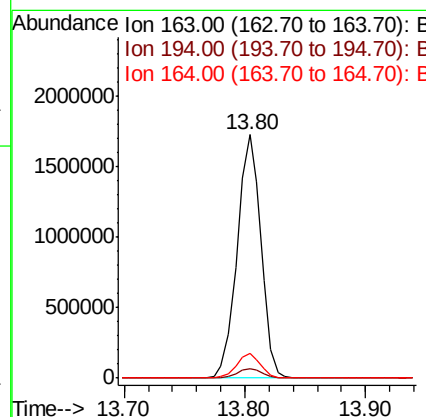
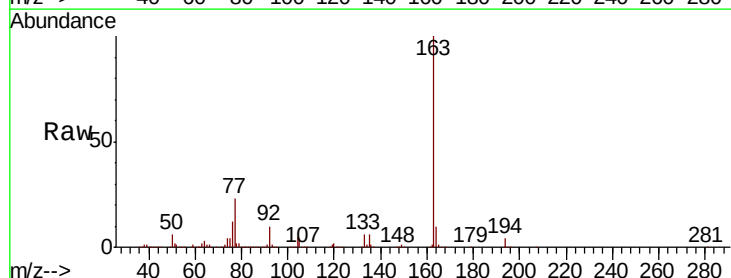
RT: 13.80 min Scan# 1822

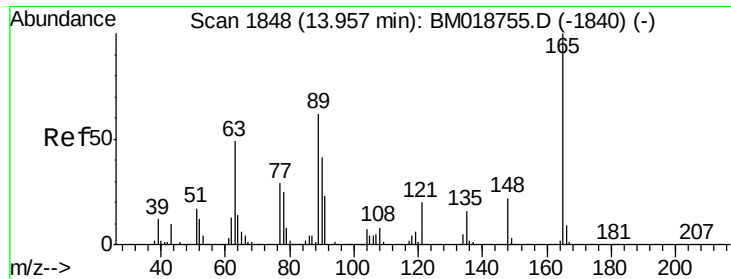
Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Tgt Ion:	163	Resp:	2363080
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	7.8	11.8





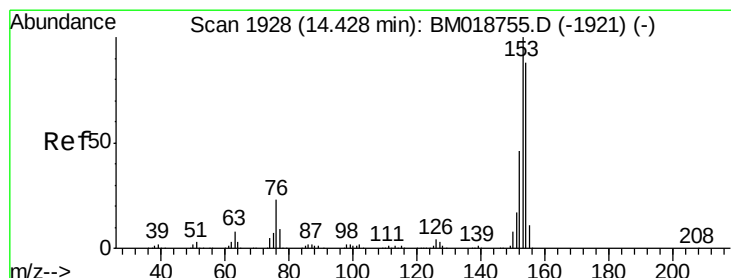
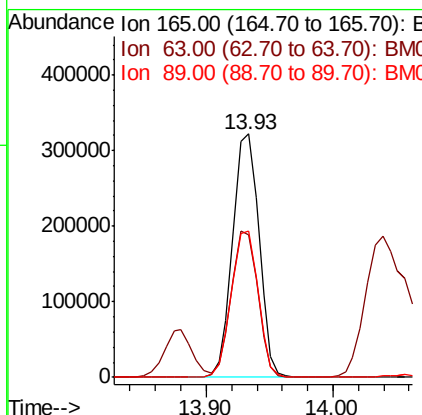
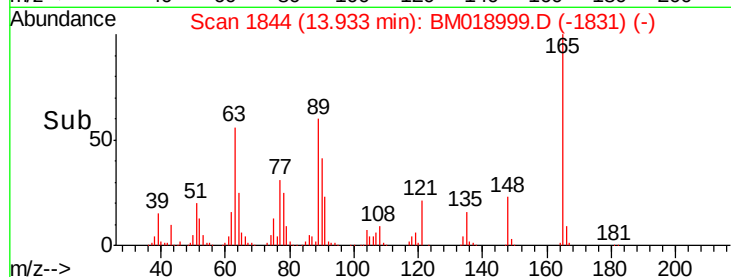
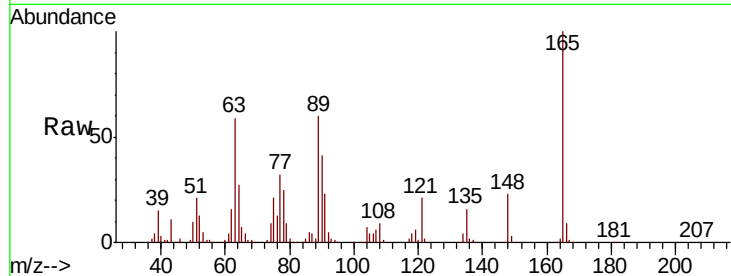
#51
2,6-Dinitrotoluene
Concen: 34.500 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	48.9	73.3
89	60.1	49.4	74.0

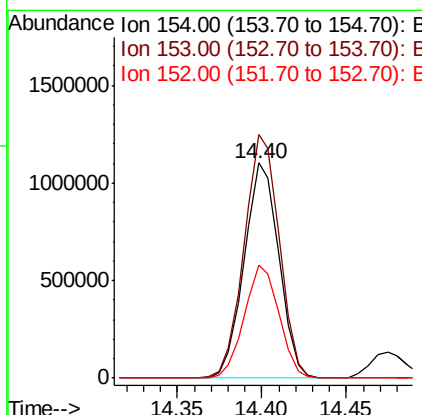
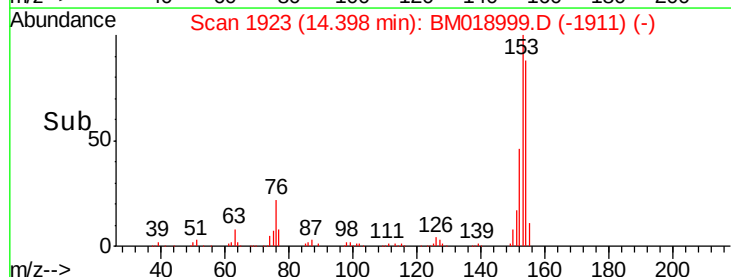
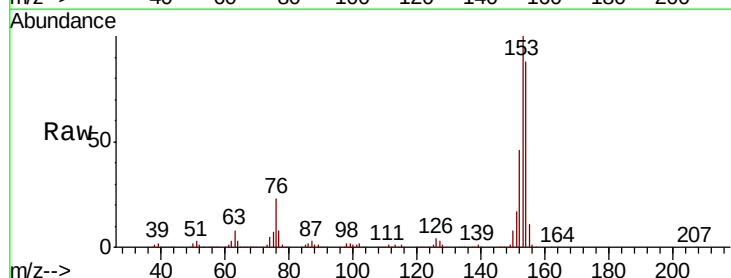
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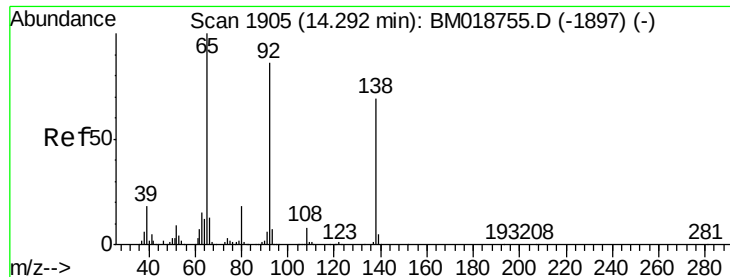
Sohil
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#52
Acenaphthene
Concen: 34.939 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.3	136.9
152	52.6	42.2	63.4





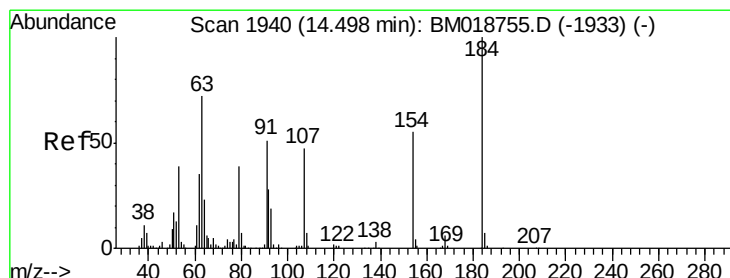
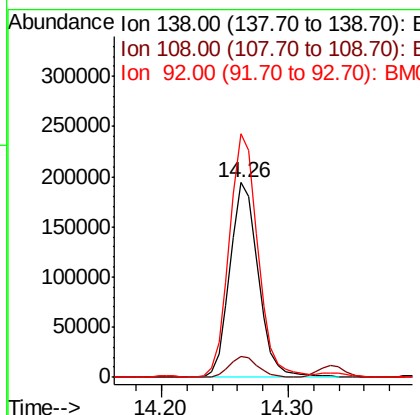
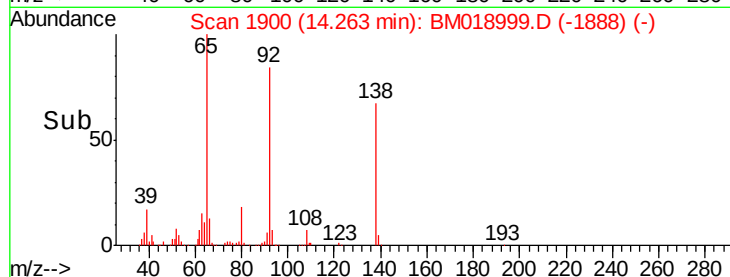
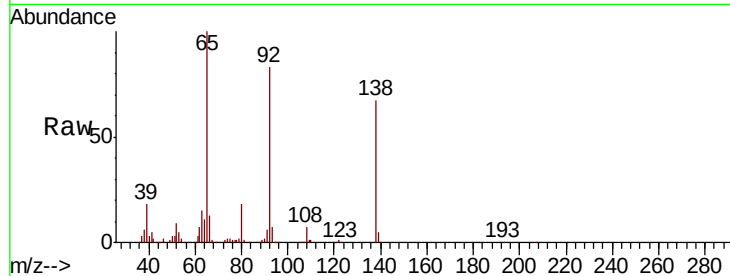
#53
3-Nitroaniline
Concen: 19.723 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	125.0	99.7	149.5

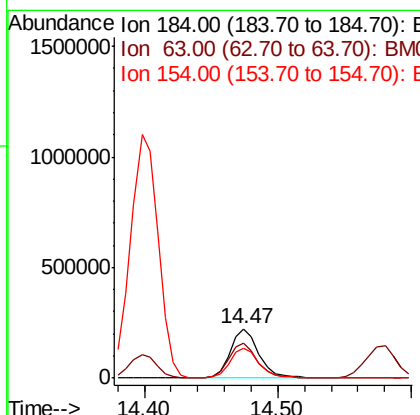
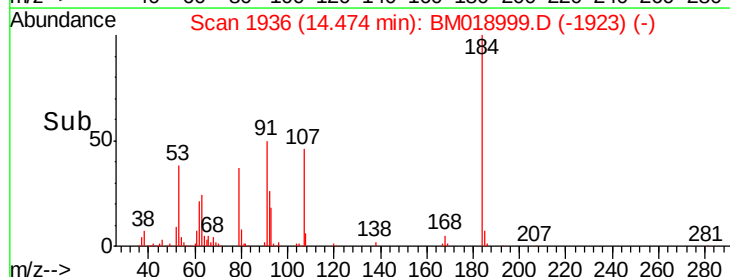
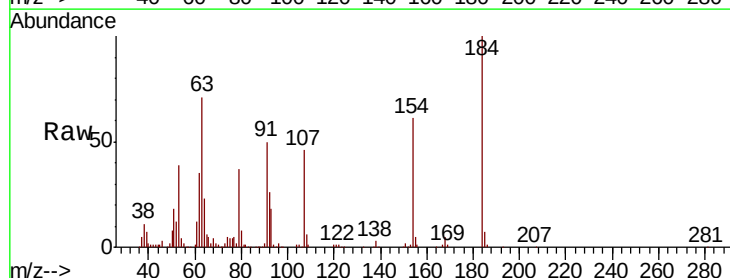
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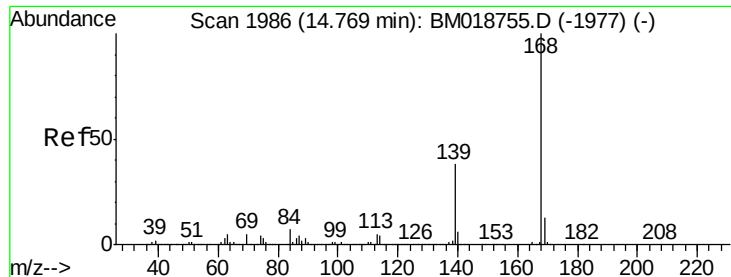
Sohil
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#54
2,4-Dinitrophenol
Concen: 42.149 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.6	58.0	87.0
154	61.1	50.3	75.5





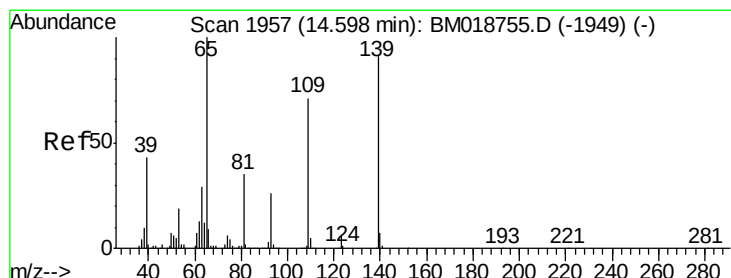
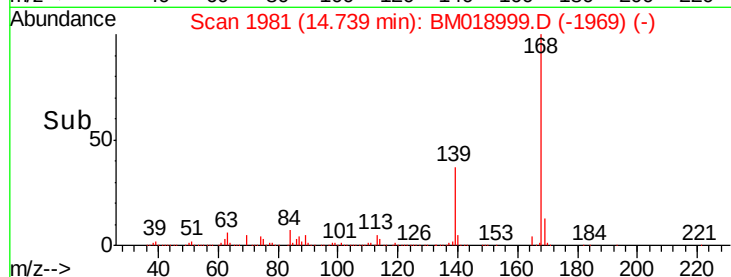
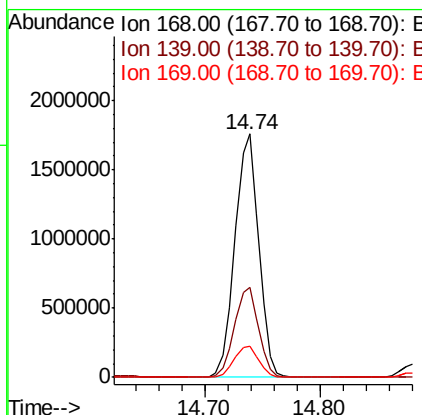
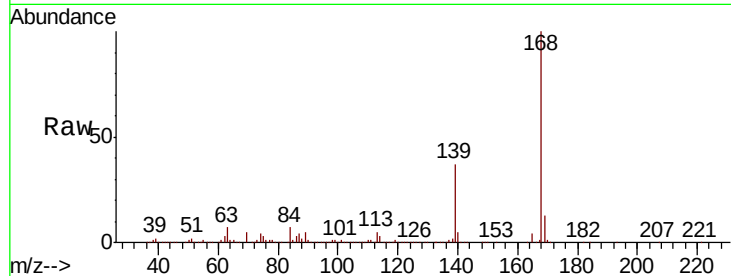
#55
Dibenzofuran
Concen: 33.746 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.7	46.1
169	12.8	10.3	15.5

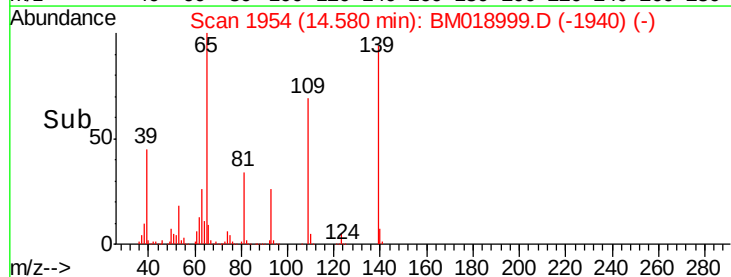
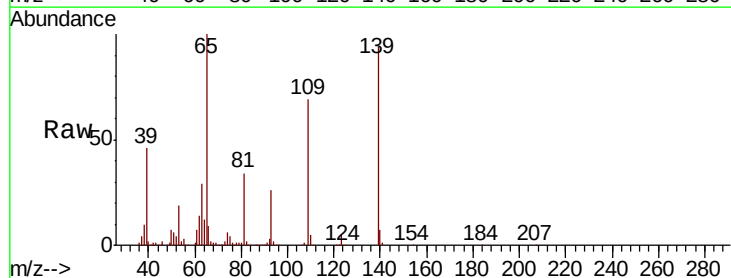
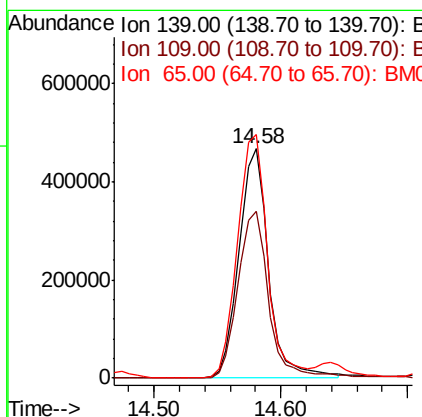
Manual Integrations
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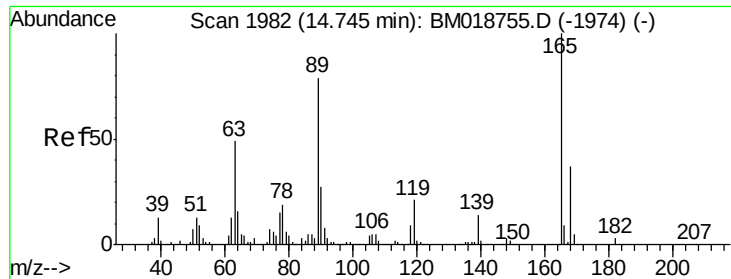
Sohil
3/4/2019 4:53:06 PM



#56
4-Nitrophenol
Concen: 62.264 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	58.4	98.4
65	106.2	89.8	129.8





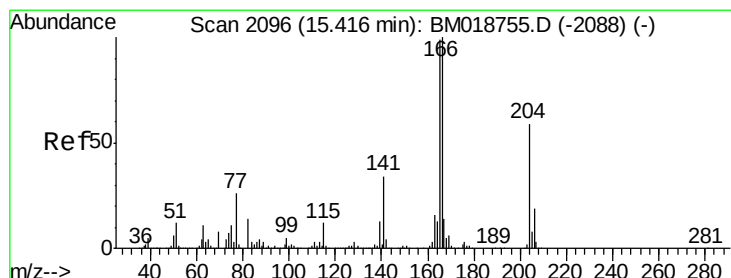
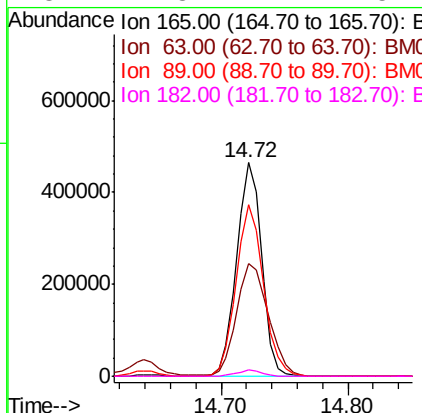
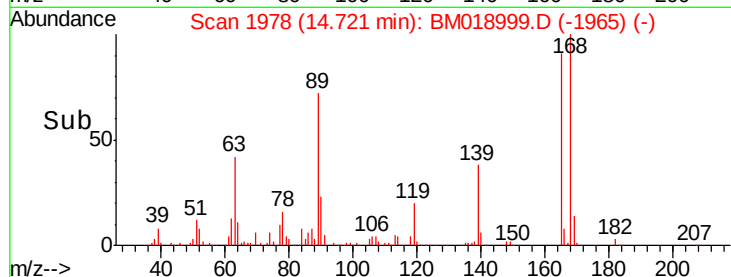
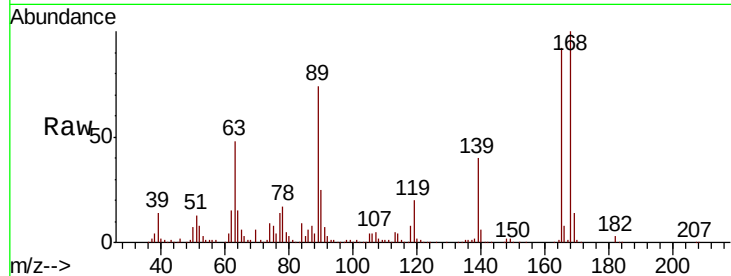
#57
 2,4-Dinitrotoluene
 Concen: 34.116 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	39.6	59.4
89	80.6	63.5	95.3
182	2.8	2.2	3.4

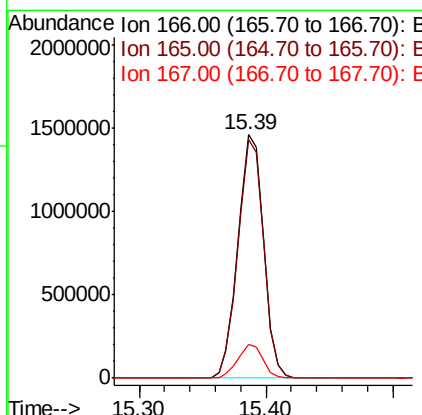
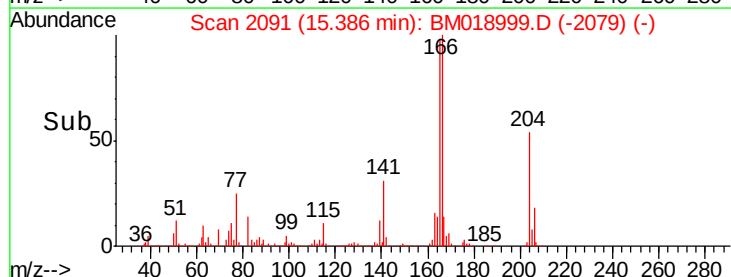
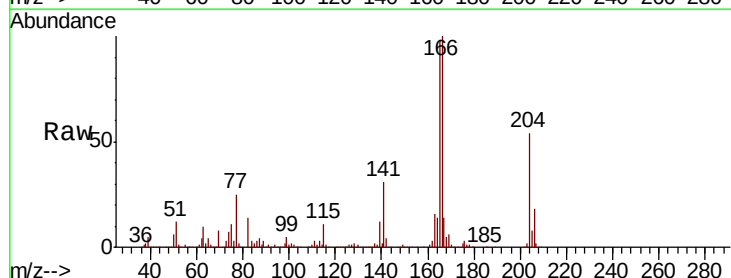
Manual Integrations
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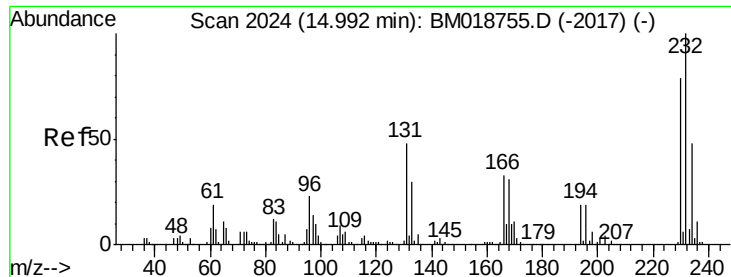
Sohil
 3/4/2019 4:53:06 PM



#58
 Fluorene
 Concen: 35.706 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	13.6	11.0	16.4





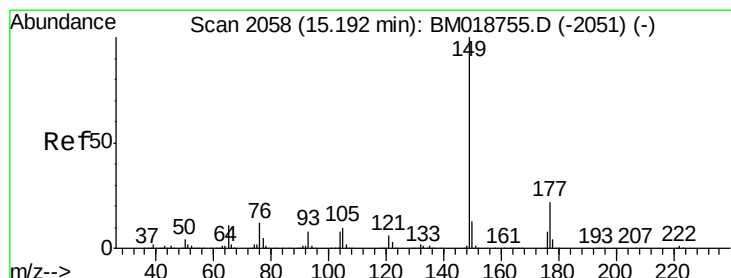
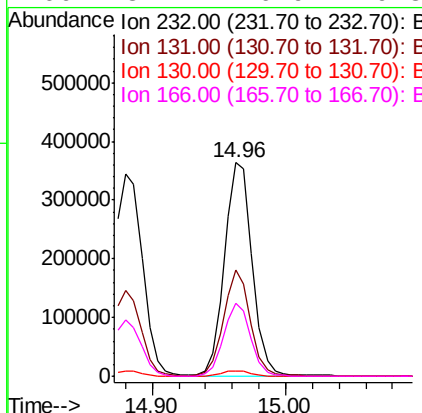
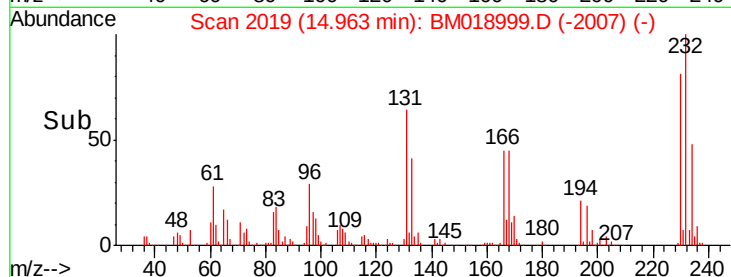
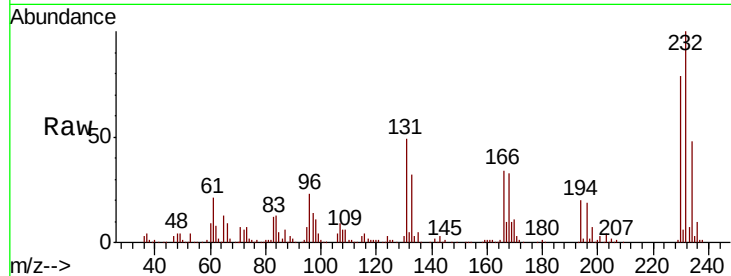
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.964 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	525891		
131	47.9	38.6	57.8	
130	2.6	2.0	3.0	
166	34.1	26.9	40.3	

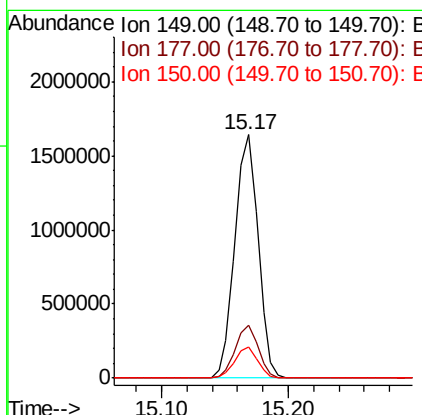
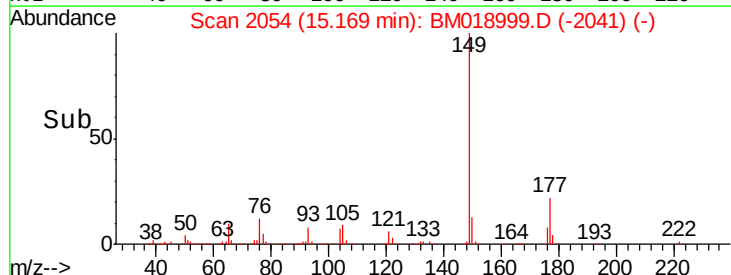
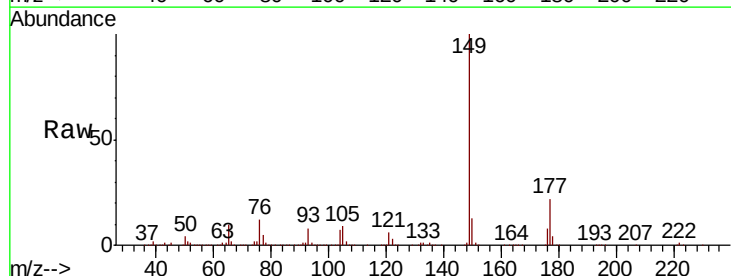
Manual Integrations
APPROVED

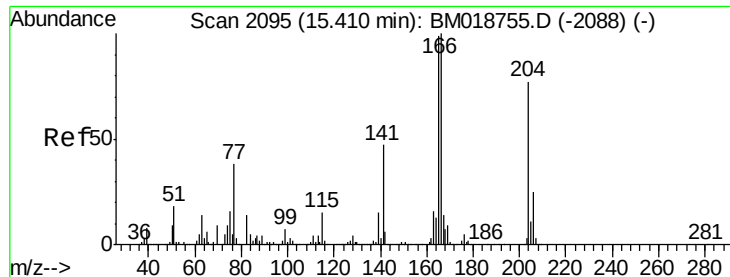
Sohil
3/4/2019 4:53:06 PM



#60
Diethylphthalate
Concen: 32.472 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2080622		
177	21.7	17.2	25.8	
150	12.5	10.2	15.2	





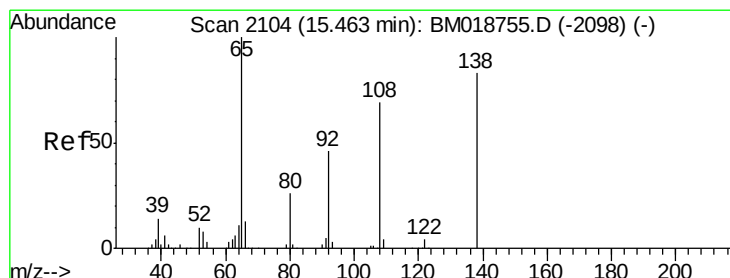
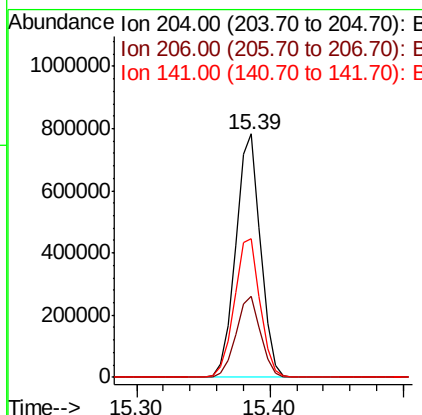
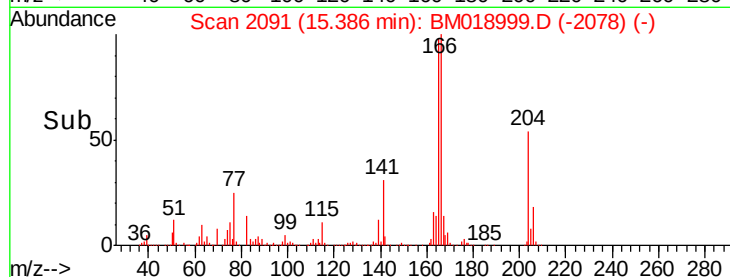
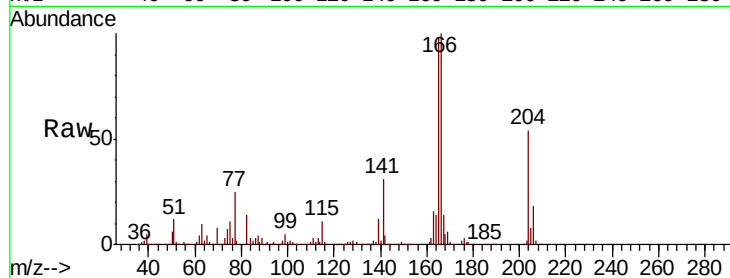
#61
4-Chlorophenyl-phenylether
Concen: 31.567 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMSD

Tot Ion:204 Resp: 1006903
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.1 49.2 73.8

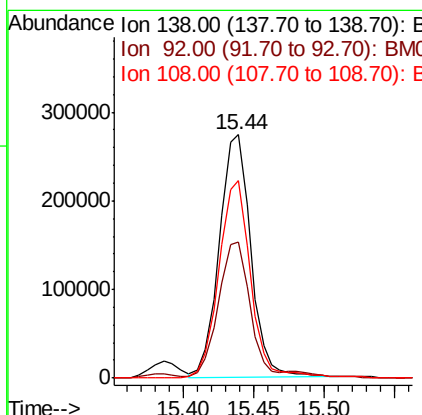
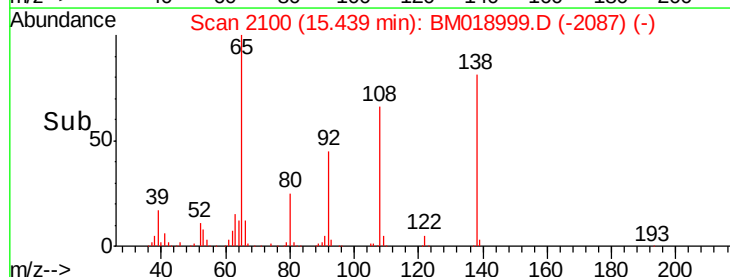
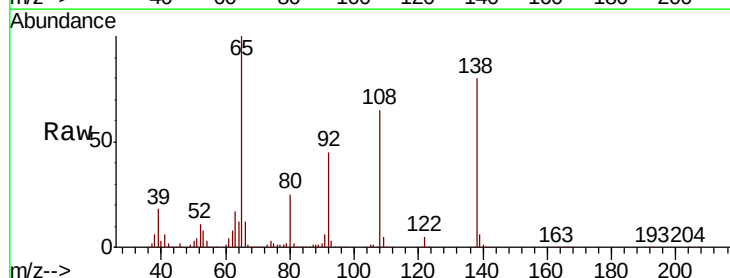
Manual Integrations
APPROVED

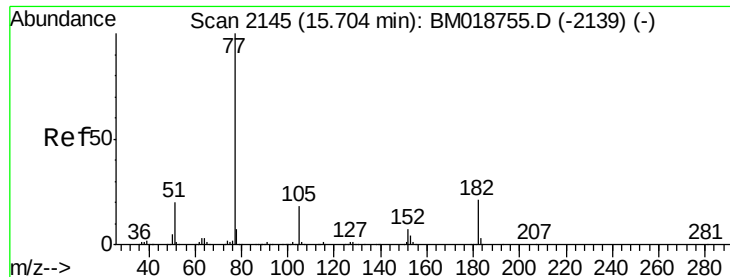
Sohil
3/4/2019 4:53:06 PM



#62
4-Nitroaniline
Concen: 28.482 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion:138 Resp: 424512
Ion Ratio Lower Upper
138 100
92 56.0 35.5 75.5
108 81.2 62.4 102.4





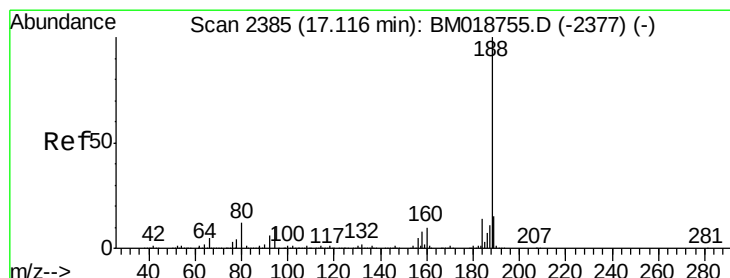
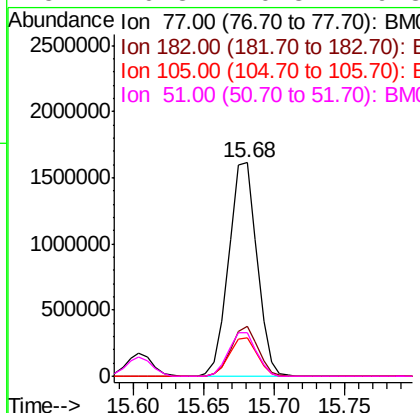
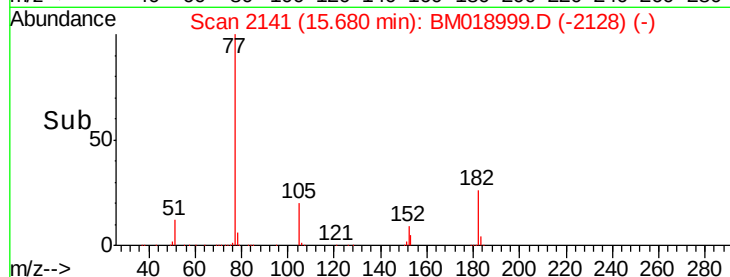
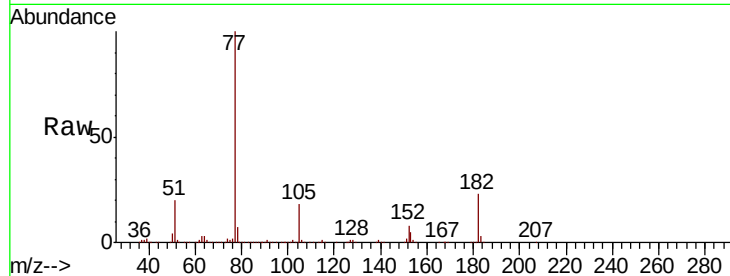
#63
Azobenzene
Concen: 32.696 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.2	1.0	41.0
105	18.1	0.0	37.7
51	20.3	0.3	40.3

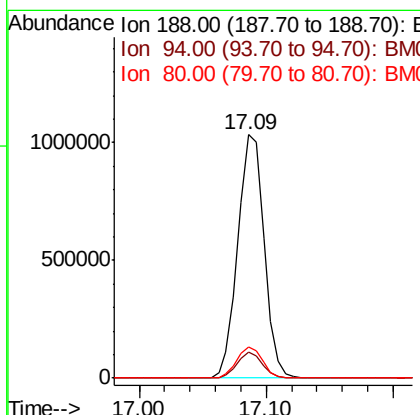
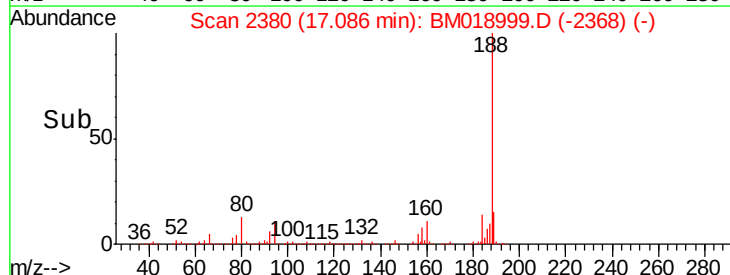
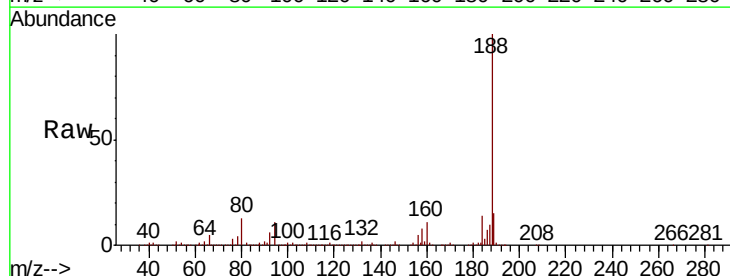
Manual Integrations
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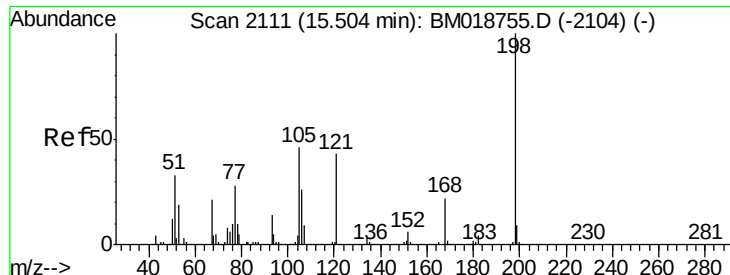
Sohil
3/4/2019 4:53:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	13.0	9.7	14.5





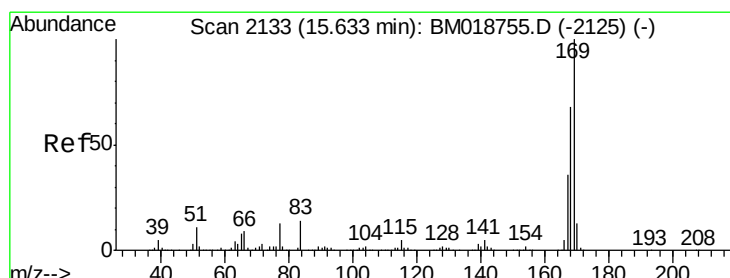
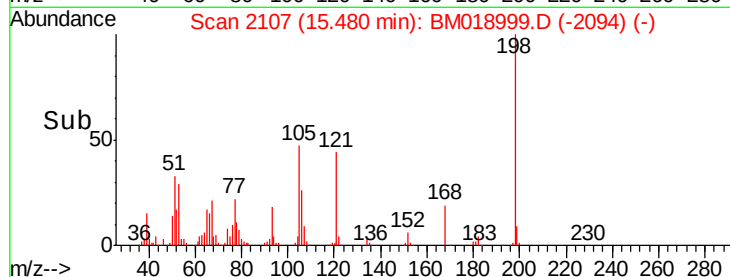
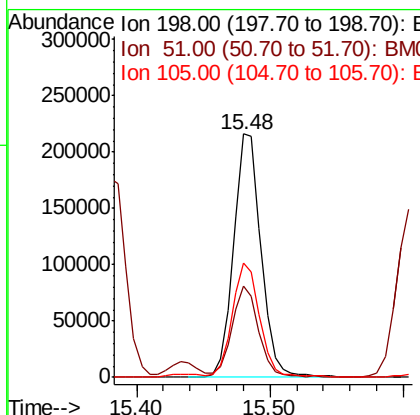
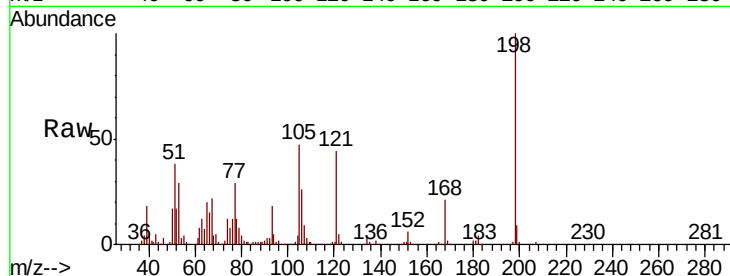
#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.785 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	309291		
51	37.6		18.4	58.4
105	46.7		27.2	67.2

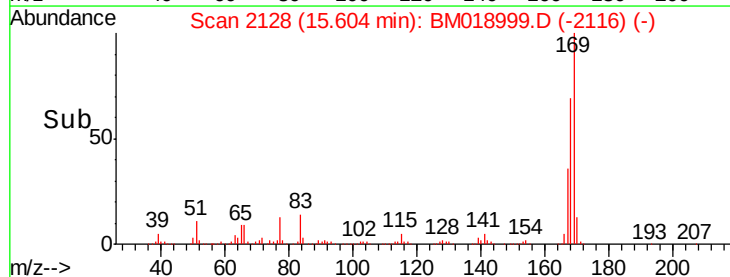
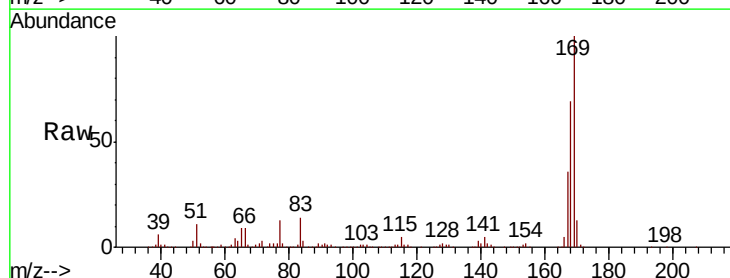
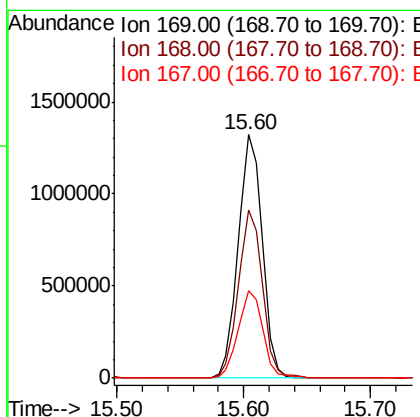
Manual Integrations
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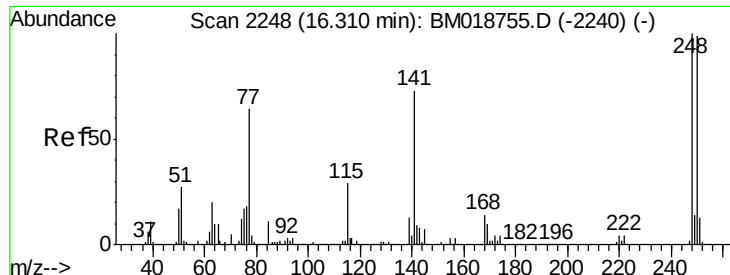
Sohil
 3/4/2019 4:53:06 PM



#66
 n-Nitrosodiphenylamine
 Concen: 37.071 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1732228		
168	69.0		54.4	81.6
167	36.0		29.0	43.6





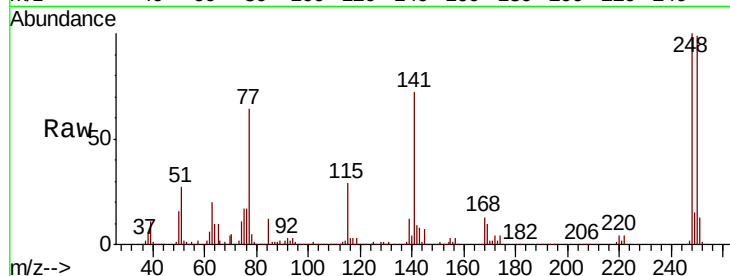
#67
 4-Bromophenyl-phenylether
 Concen: 35.313 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.0	118.6
141	71.9	58.6	88.0

Manual Integrations
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Sohil
 3/4/2019 4:53:06 PM

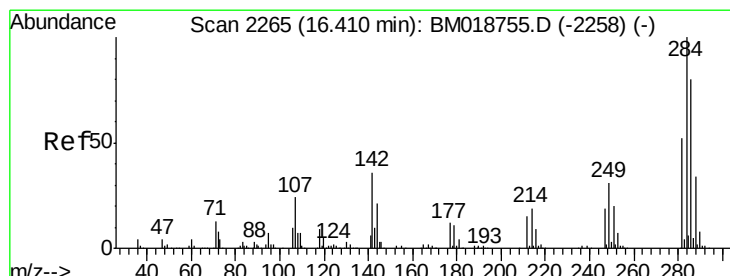
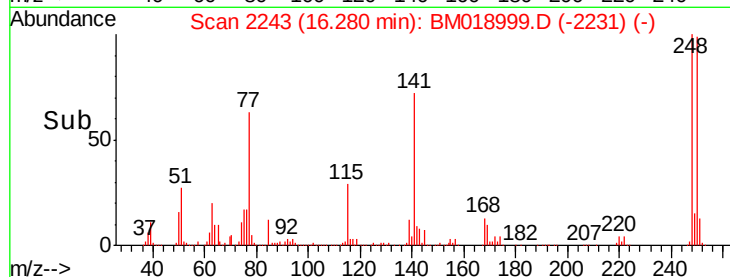
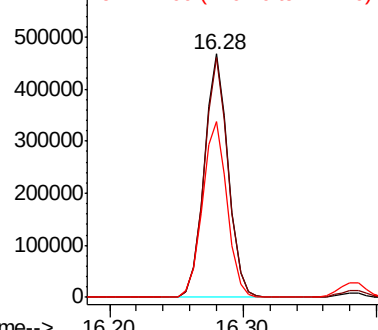


Abundance

Ion 248.00 (247.70 to 248.70): E

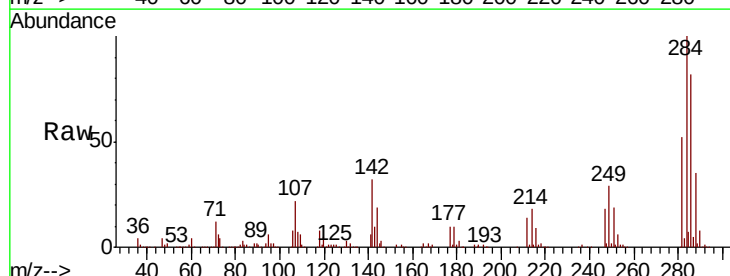
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.175 ng
 RT: 16.39 min Scan# 2261
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.9	43.3
249	29.2	24.8	37.2

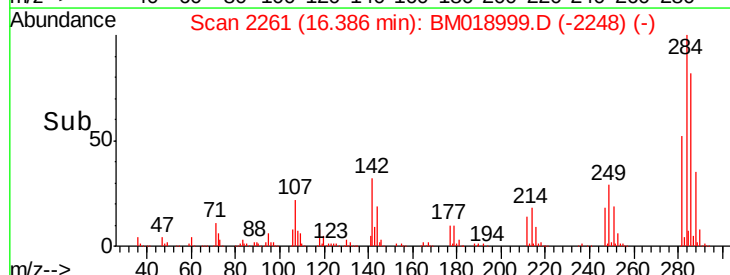
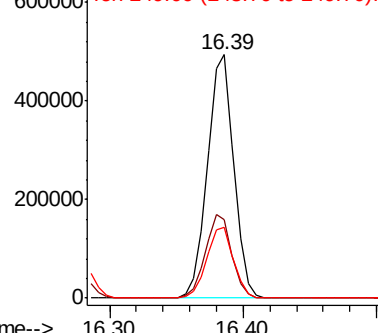


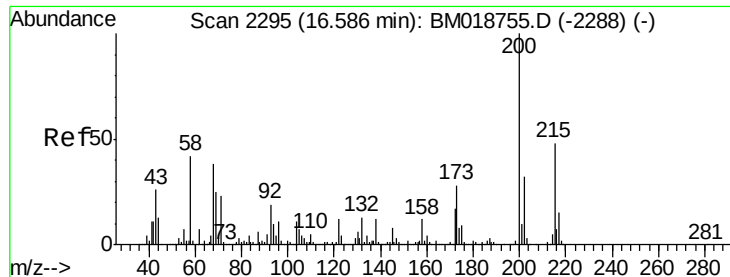
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





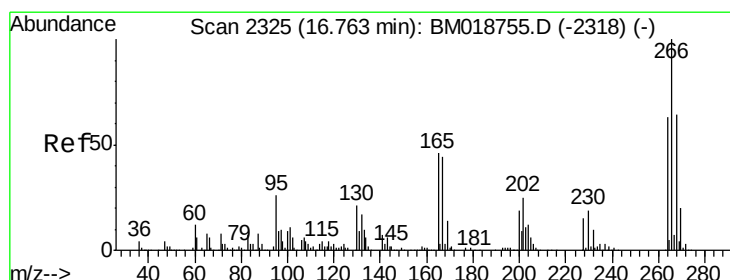
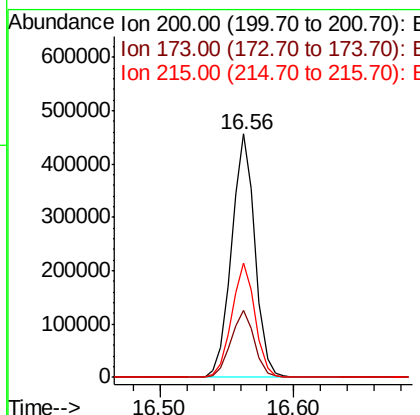
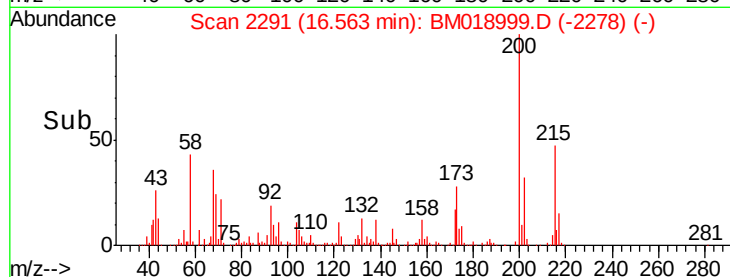
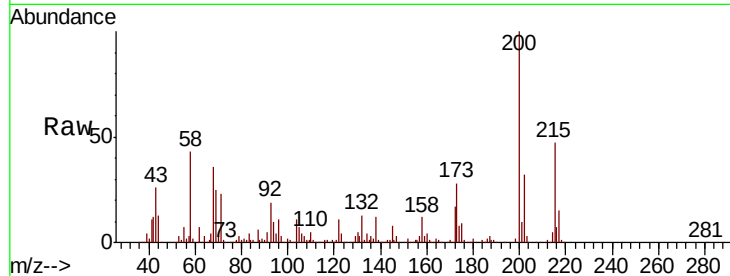
#69
Atrazine
Concen: 37.218 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.6	47.6
215	46.9	27.6	67.6

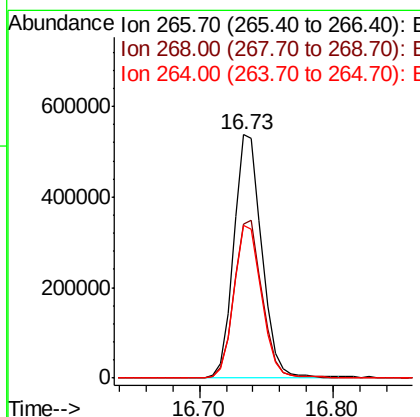
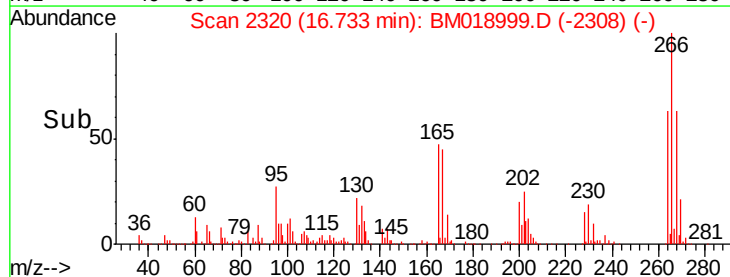
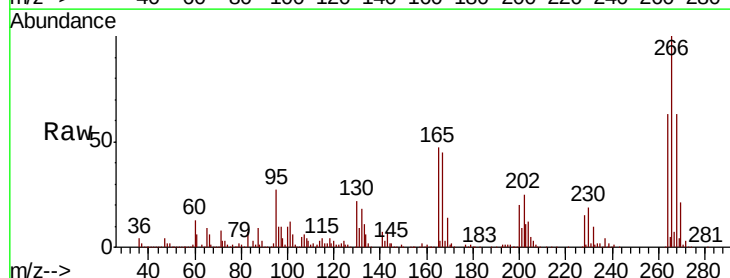
Manual Integrations
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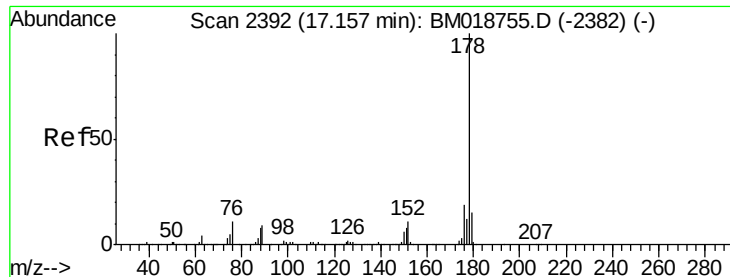
Sohil
3/4/2019 4:53:06 PM



#70
Pentachlorophenol
Concen: 63.573 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.3	76.9
264	62.5	50.6	75.8





#71

Phenanthrene

Concen: 36.486 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion:178 Resp: 2900038

Ion Ratio Lower Upper

178 100

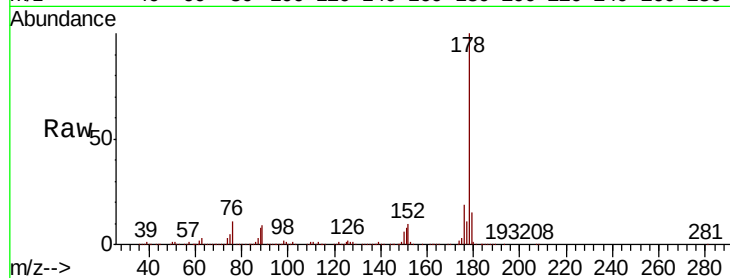
176 18.8 15.4 23.0

179 15.3 12.3 18.5

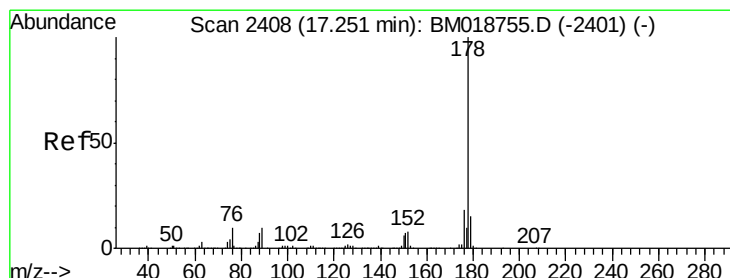
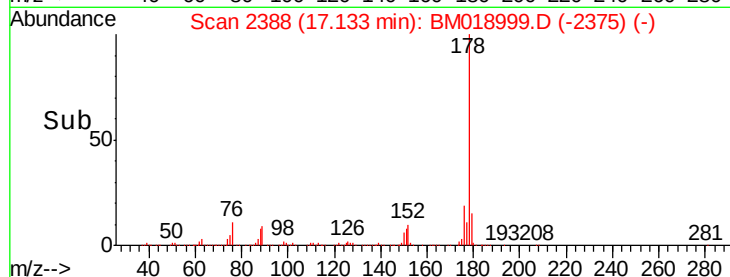
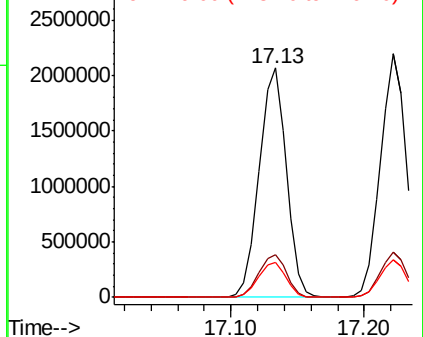
Manual Integrations
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3/4/2019 4:53:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.165 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

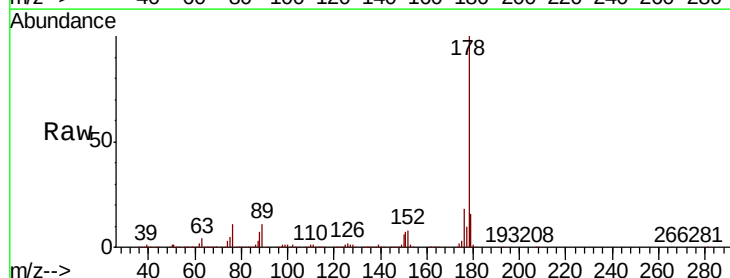
Tgt Ion:178 Resp: 2952569

Ion Ratio Lower Upper

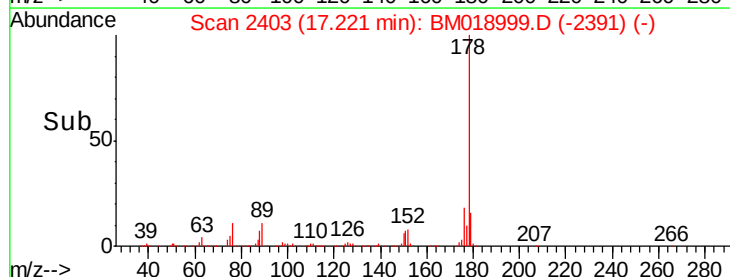
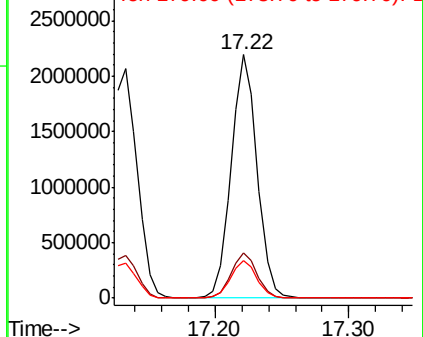
178 100

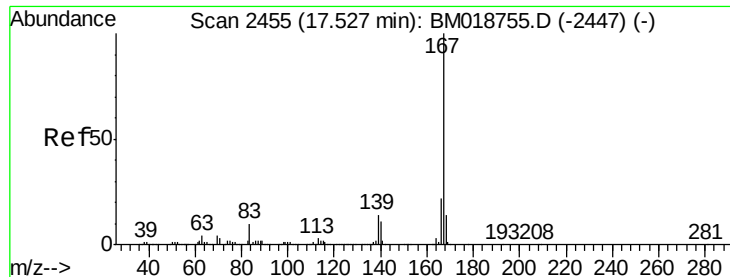
176 18.5 14.8 22.2

179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





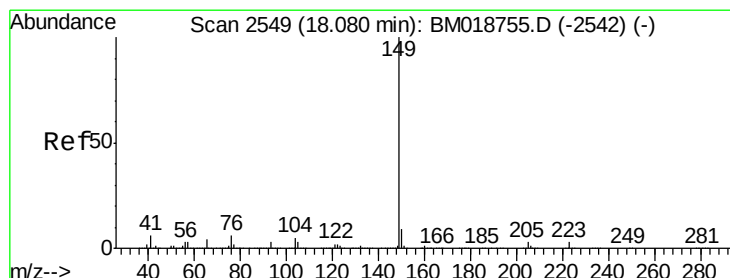
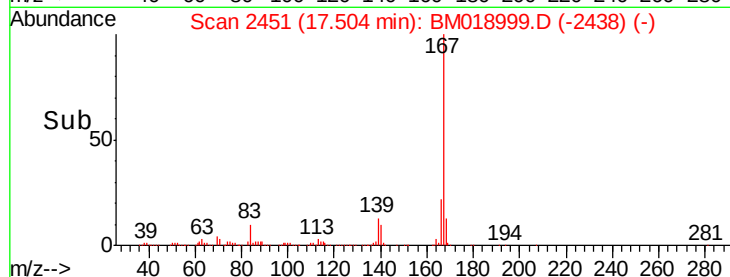
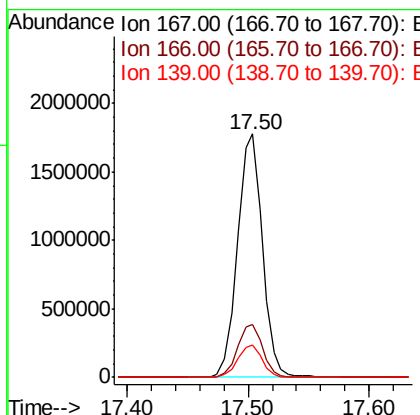
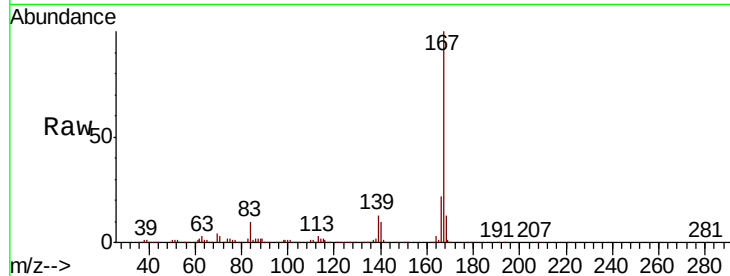
#73
 Carbazole
 Concen: 31.730 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.1	10.9	16.3

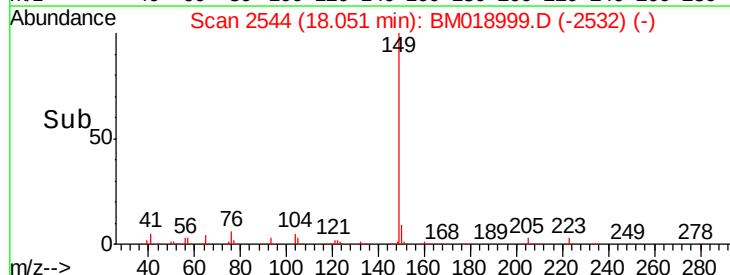
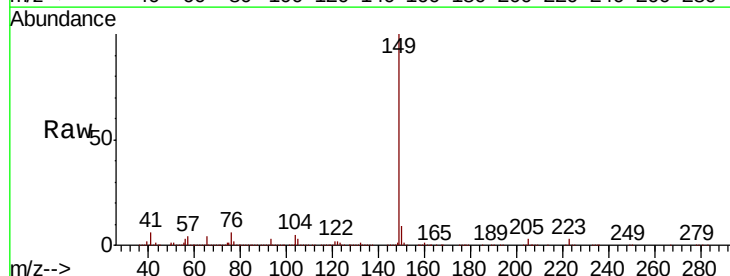
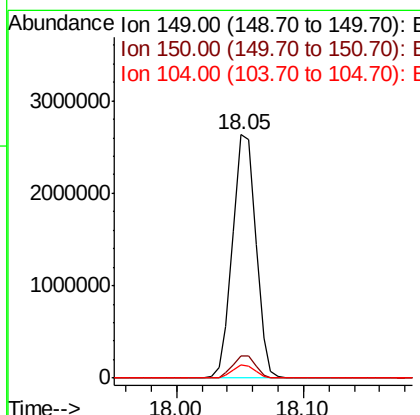
Manual Integrations
 APPROVED

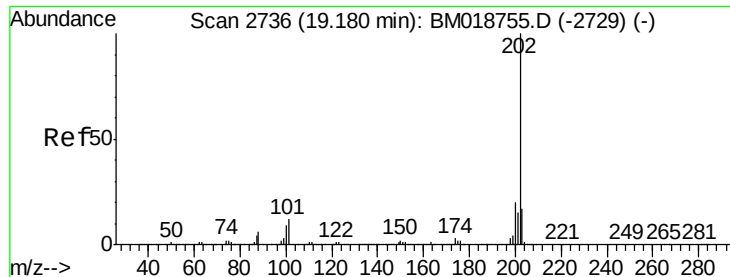
Sohil
 3/4/2019 4:53:06 PM



#74
 Di-n-butylphthalate
 Concen: 36.019 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 31.831 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

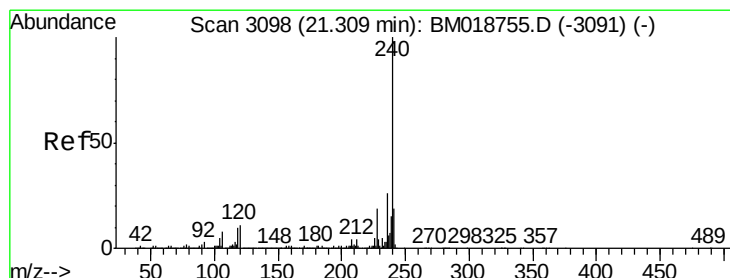
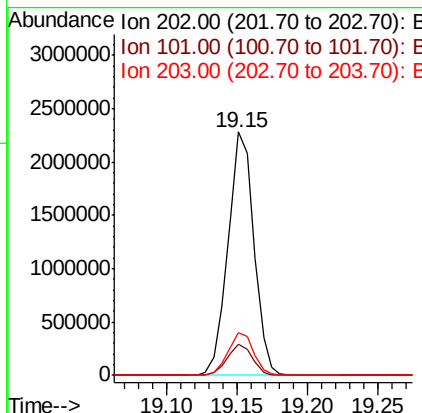
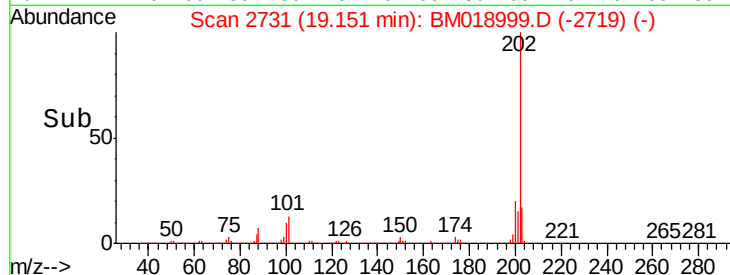
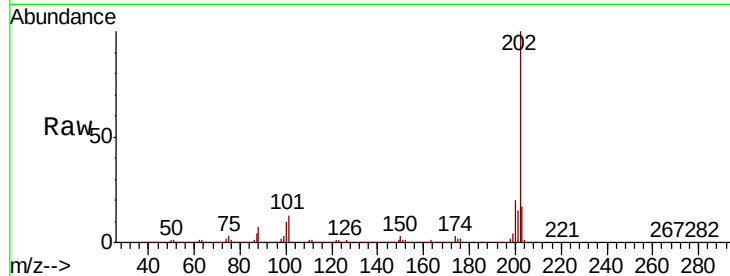
ClientSampleId :

Z-3-13-BMSD

Tot Ion:	202	Resp:	2922538
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.5
203	17.4	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

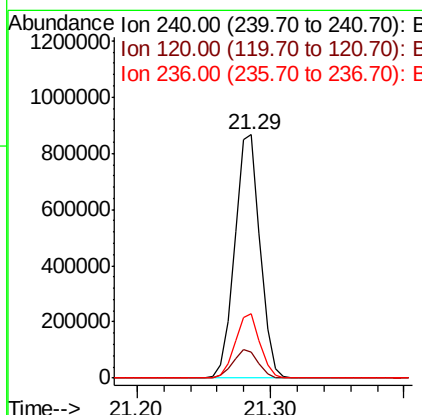
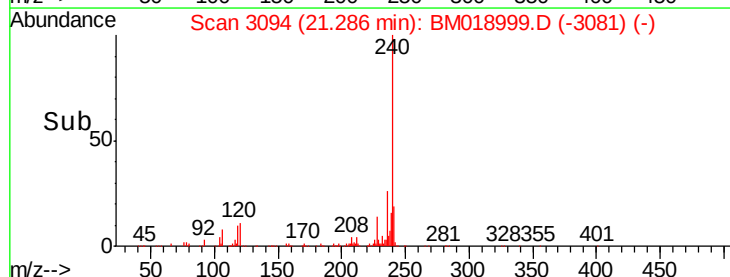
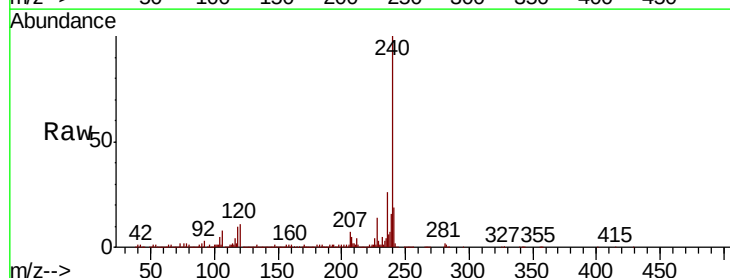
RT: 21.29 min Scan# 3094

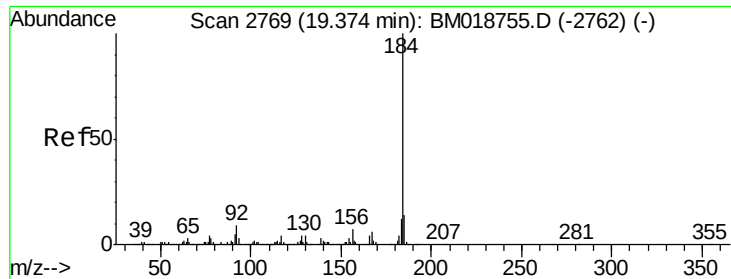
Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Tgt Ion:	240	Resp:	1139312
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.9	13.3
236	26.3	20.9	31.3





#77

Benzidine

Concen: 47.669 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion:184 Resp: 1223127

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.1	9.7	14.5

184 100

185 14.2 11.2 16.8

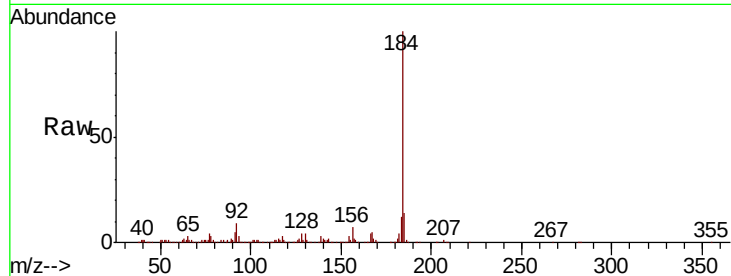
183 12.1 9.7 14.5

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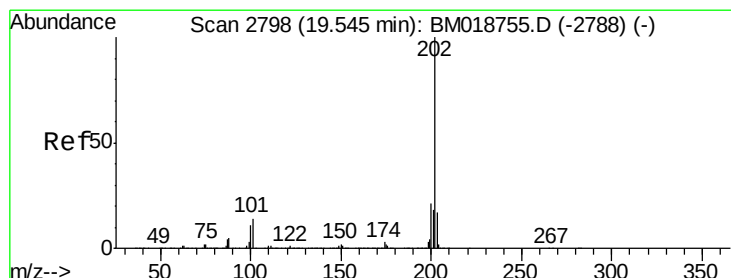
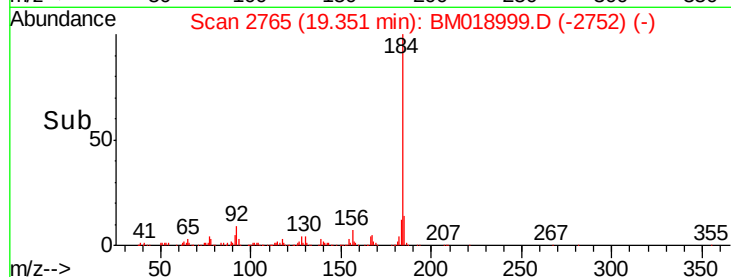
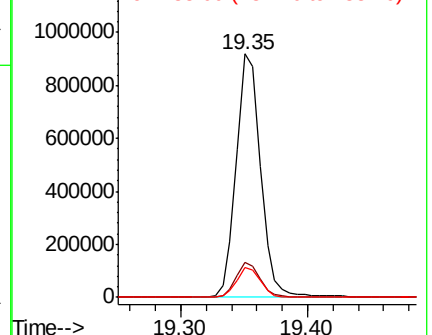


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.903 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

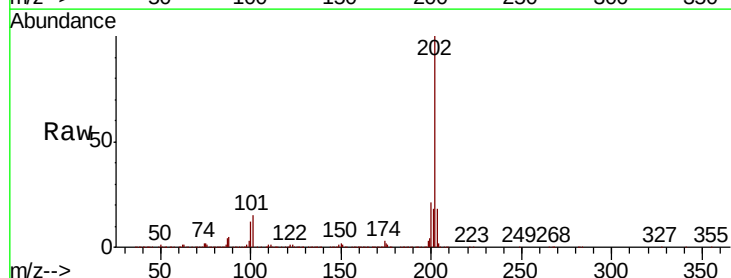
Tgt Ion:202 Resp: 2905036

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.8	13.8	20.8

202 100

200 20.8 16.9 25.3

203 17.8 13.8 20.8

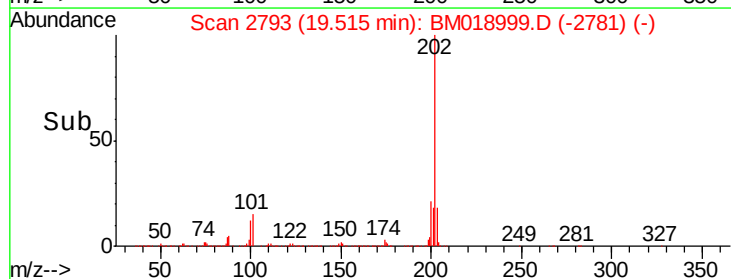
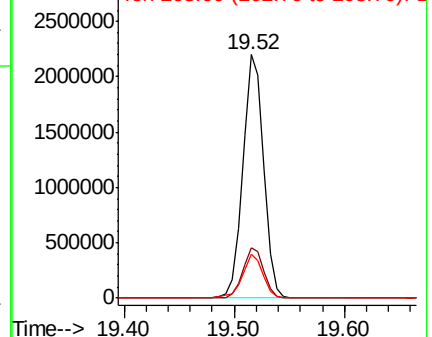


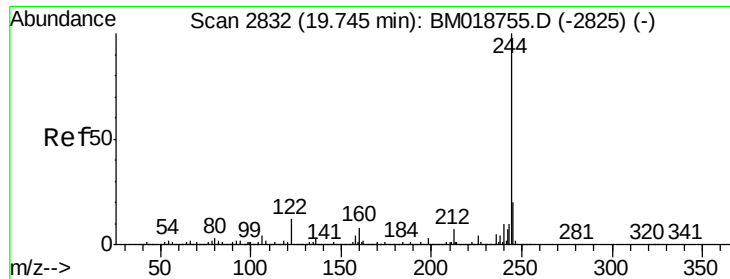
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.389 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion:244 Resp: 4384567

Ion Ratio Lower Upper

244 100

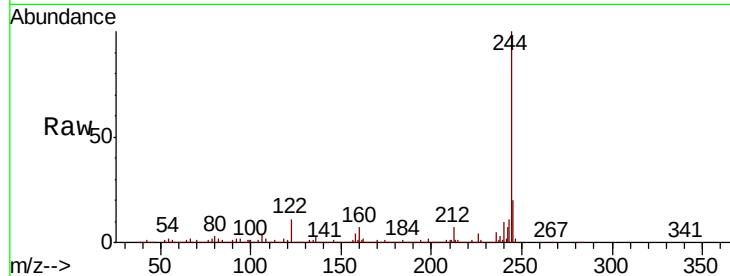
212 6.8 5.6 8.4

122 11.3 9.3 13.9

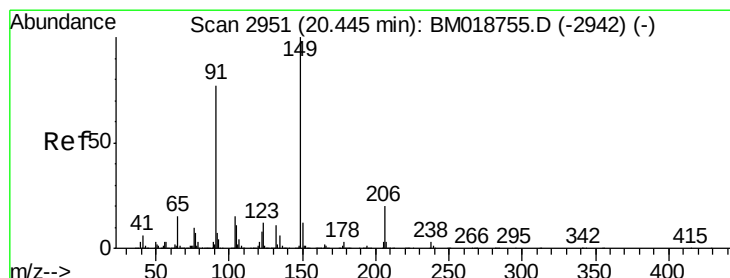
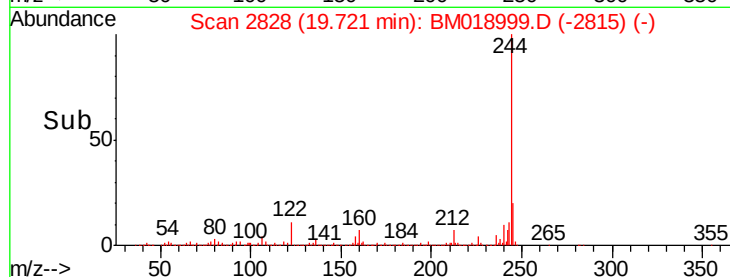
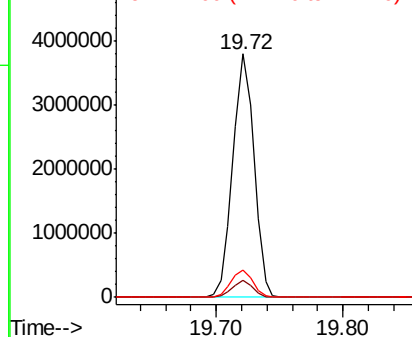
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.952 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

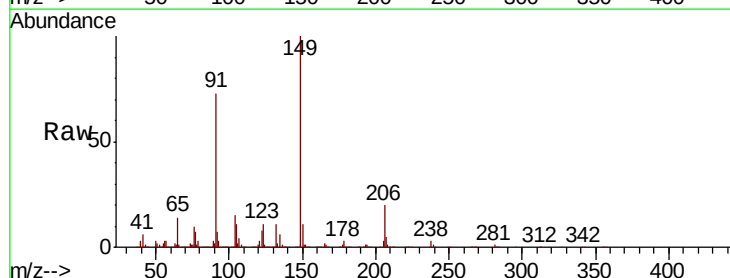
Tgt Ion:149 Resp: 1295277

Ion Ratio Lower Upper

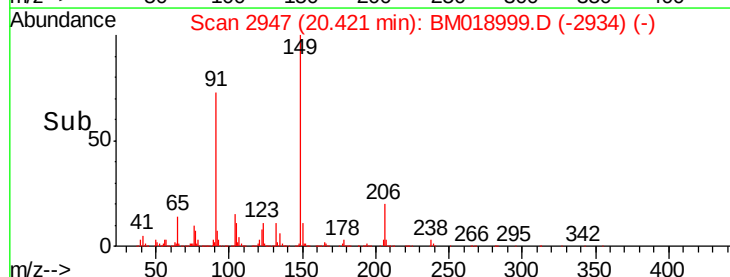
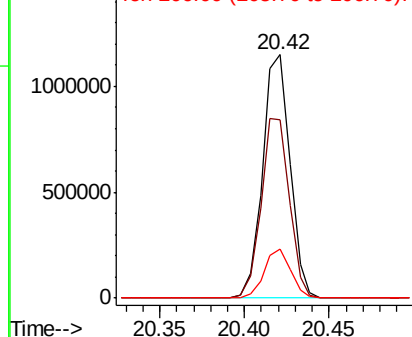
149 100

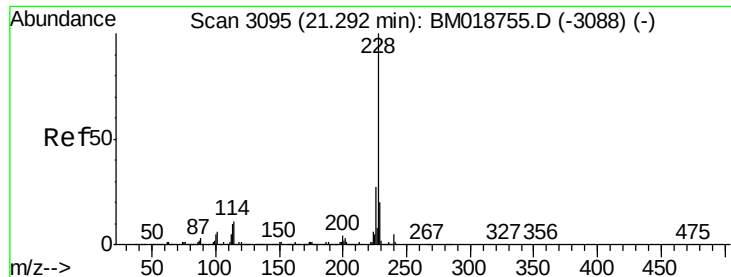
91 73.5 61.4 92.0

206 20.2 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.894 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion:228 Resp: 2383804

Ion Ratio Lower Upper

228 100

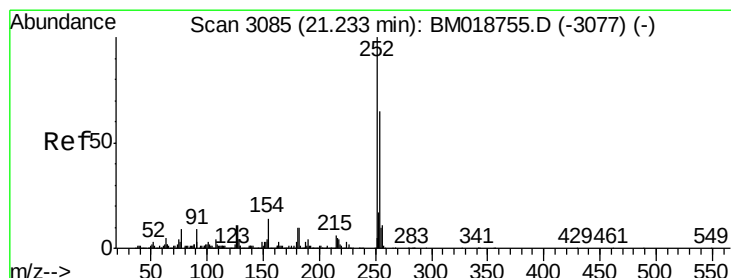
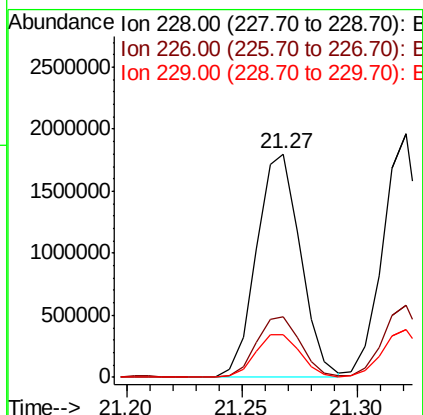
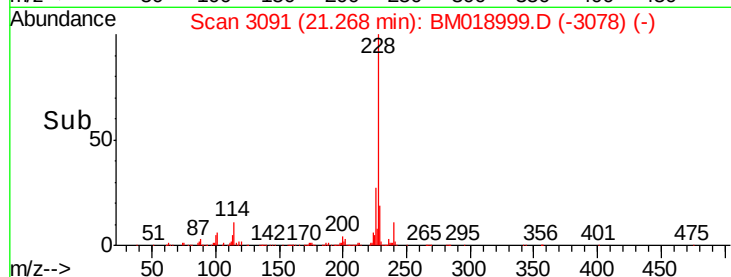
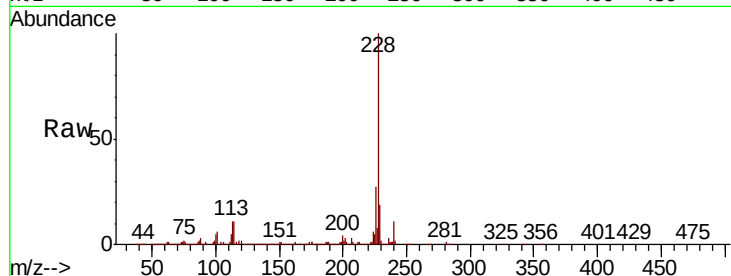
226 27.3 21.9 32.9

229 19.4 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.204 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

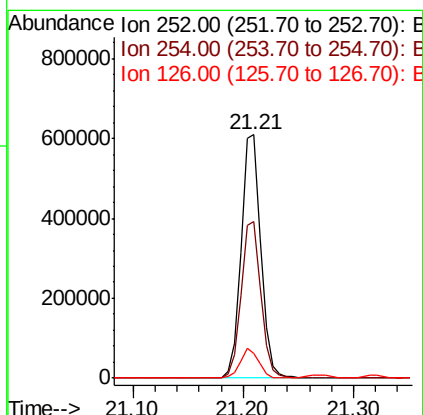
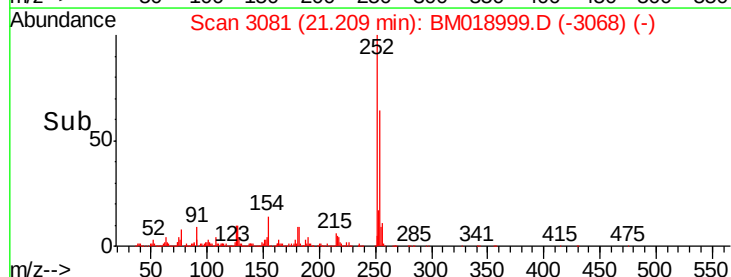
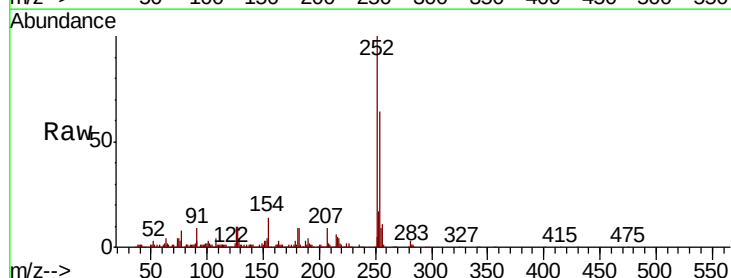
Tgt Ion:252 Resp: 766515

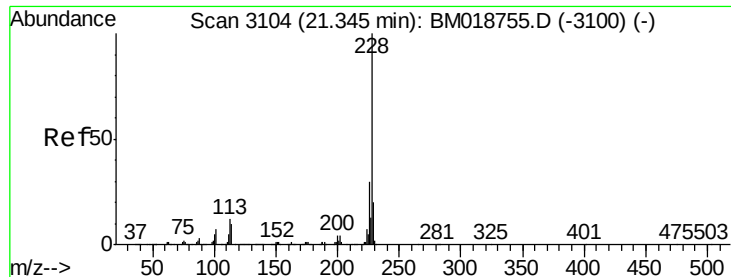
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.8

126 10.4 9.1 13.7





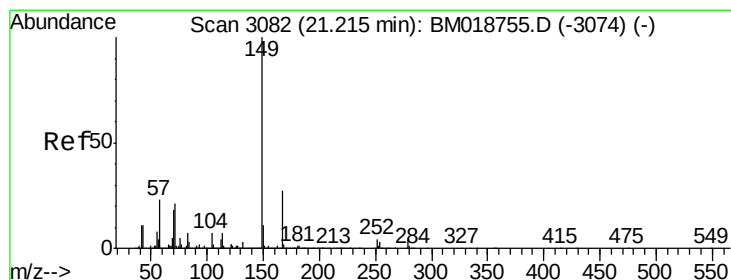
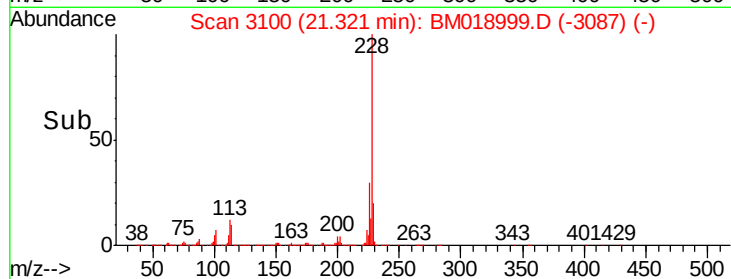
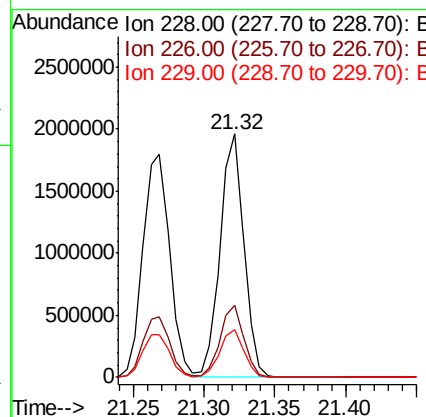
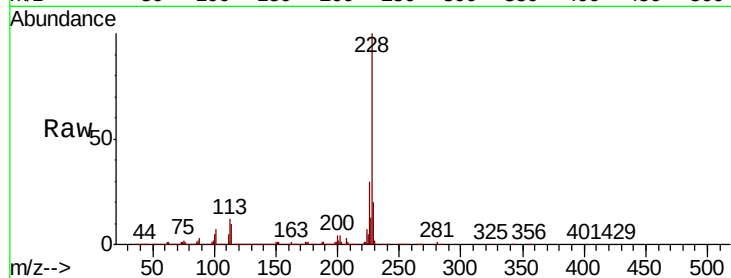
#83
 Chrysene
 Concen: 36.039 ng
 RT: 21.32 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0

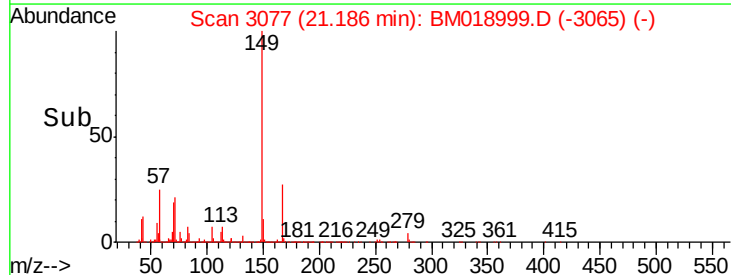
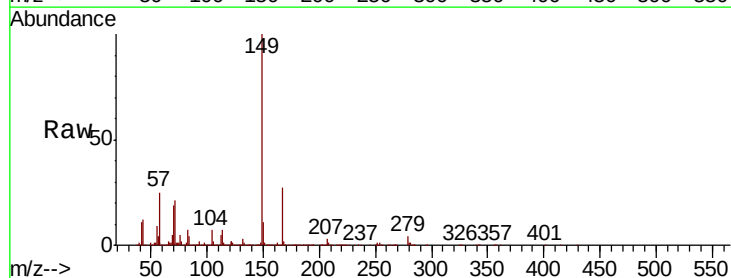
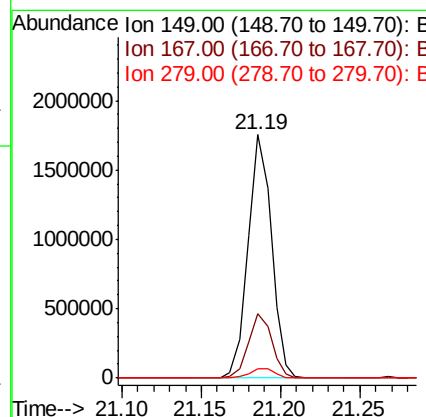
Manual Integrations
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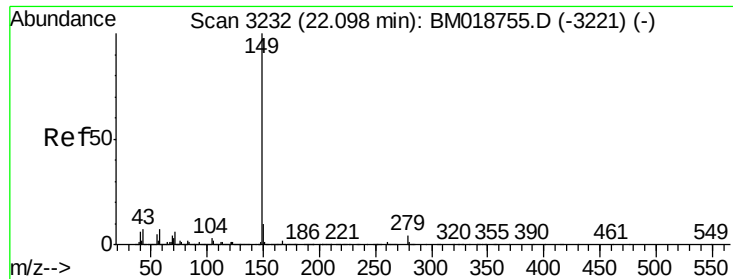
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.787 ng
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.03 min
 Lab File: BM018999.D
 Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.6
279	4.1	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 37.448 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

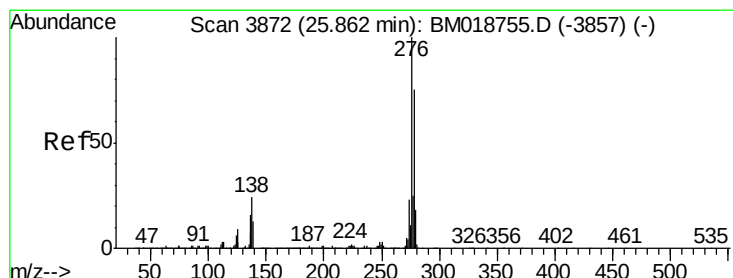
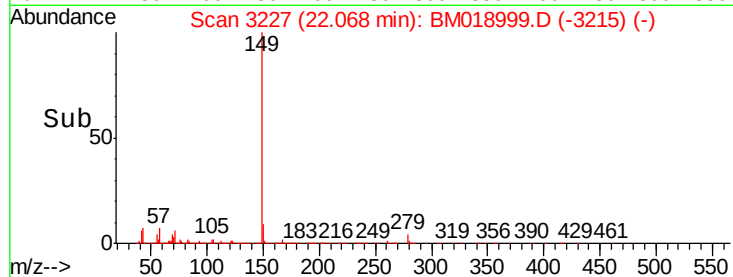
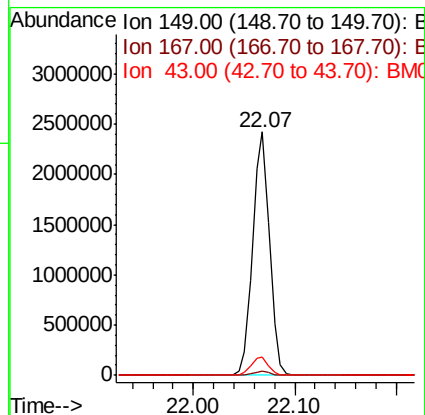
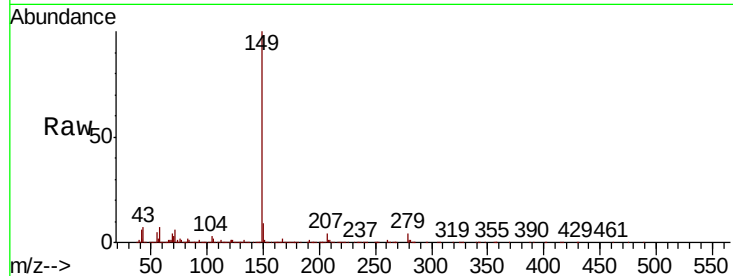
ClientSampleId :

Z-3-13-BMSD

Tot Ion:	149	Resp:	2777978
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.506 ng

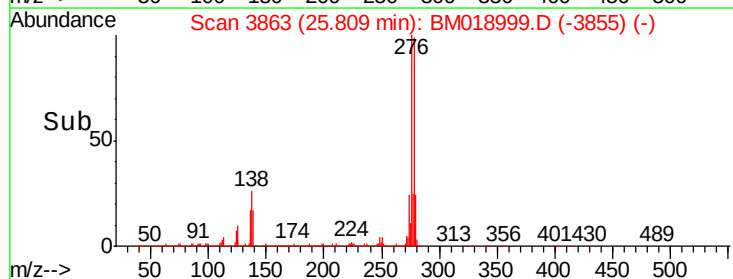
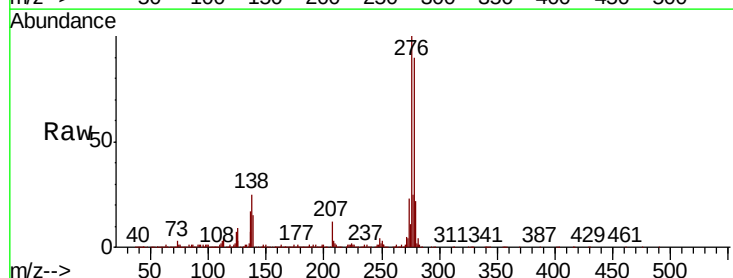
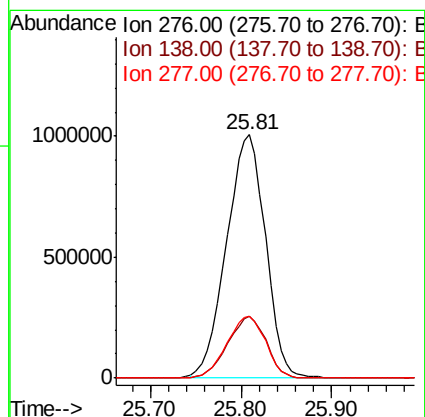
RT: 25.81 min Scan# 3863

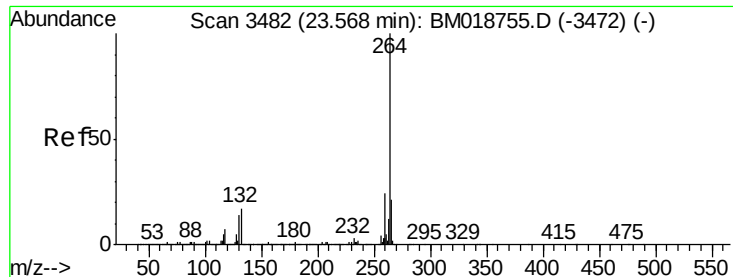
Delta R.T. -0.05 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Tgt Ion:	276	Resp:	2976878
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMSD

Tot Ion:264 Resp: 1159062

Ion Ratio Lower Upper

264 100

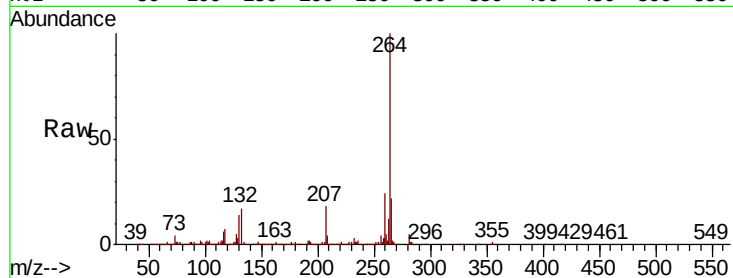
260 24.0 18.9 28.3

265 22.2 17.3 25.9

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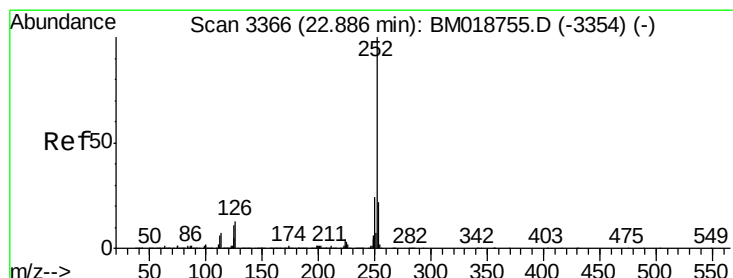
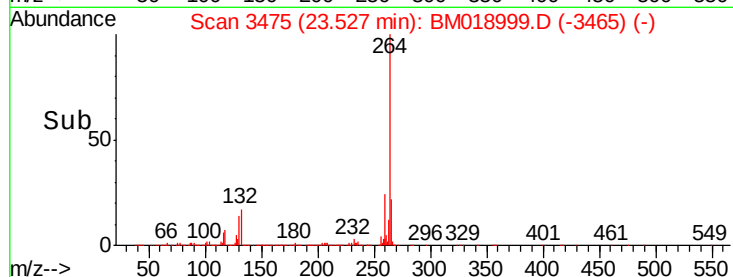
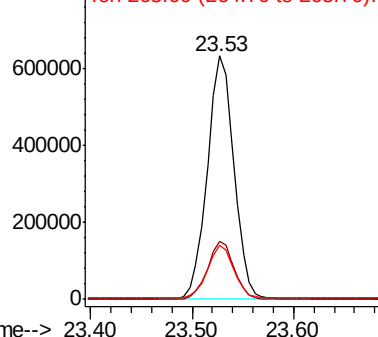


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.999 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018999.D

Acq: 01 Mar 2019 22:32

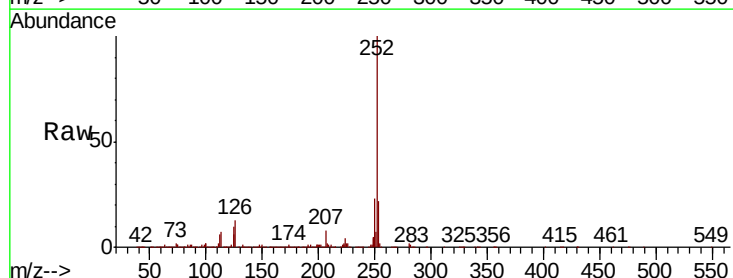
Tgt Ion:252 Resp: 2453556

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.3 8.6 12.8

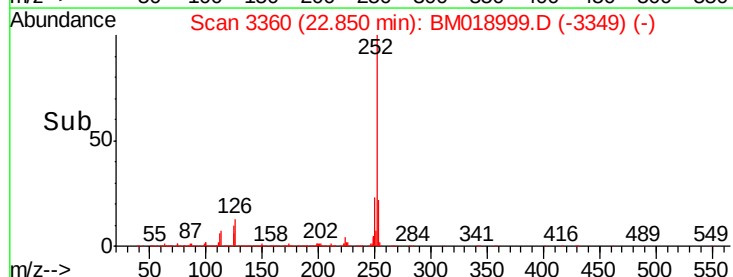
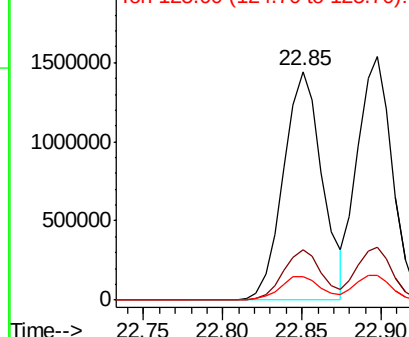


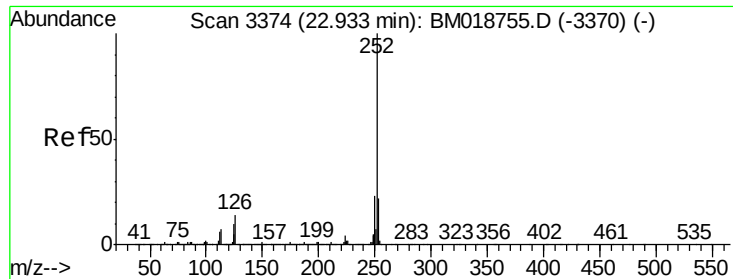
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





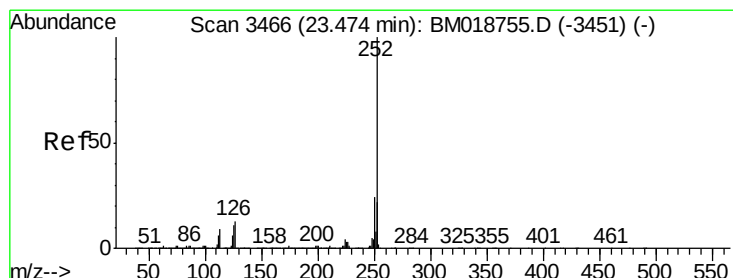
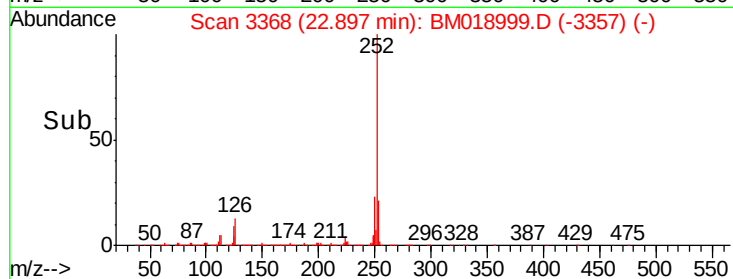
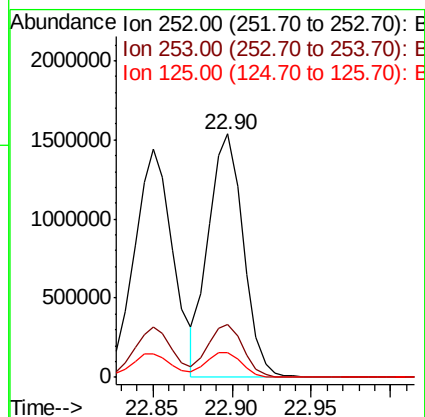
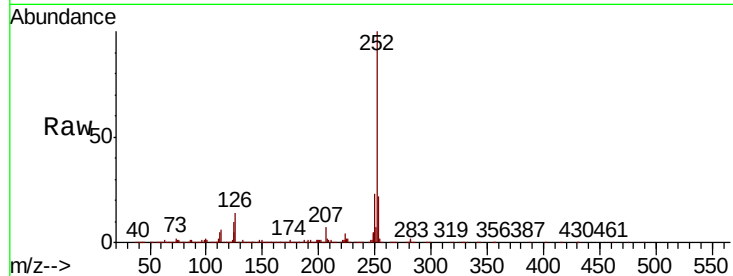
#89
Benzo(k)fluoranthene
Concen: 35.592 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.0	8.2	12.4

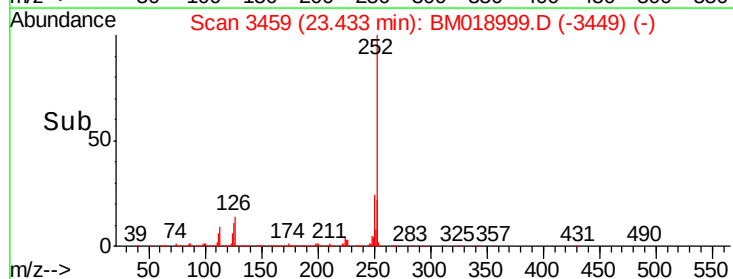
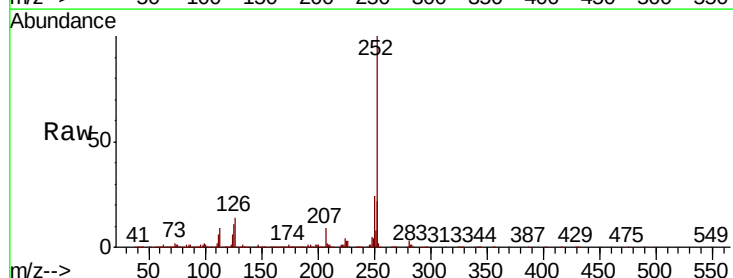
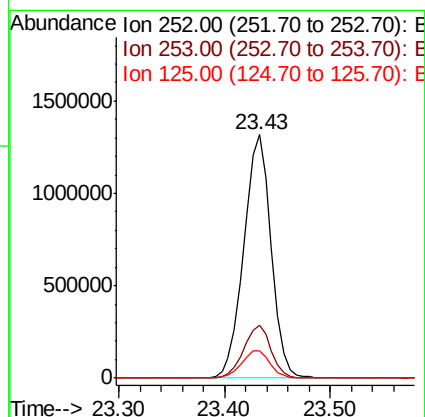
Manual Integrations
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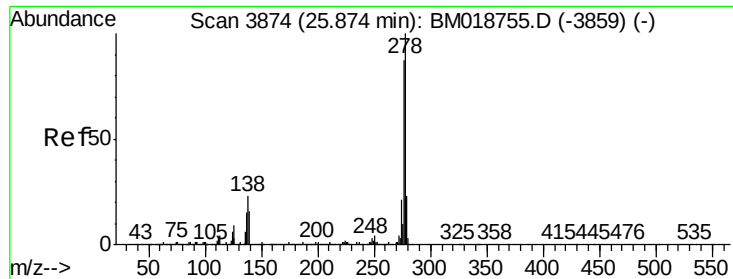
Sohil
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#90
Benzo(a)pyrene
Concen: 37.643 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.0	8.6	13.0





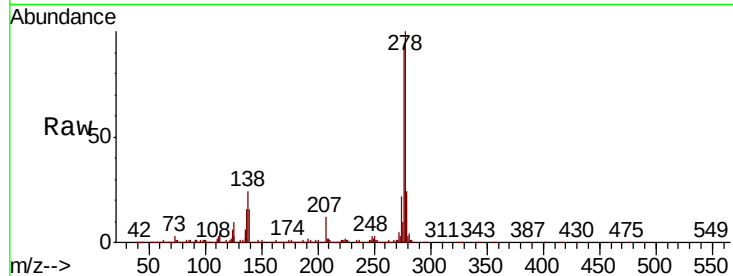
#91
Dibenzo(a,h)anthracene
Concen: 40.949 ng
RT: 25.81 min Scan# 3864
Delta R.T. -0.06 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMSD

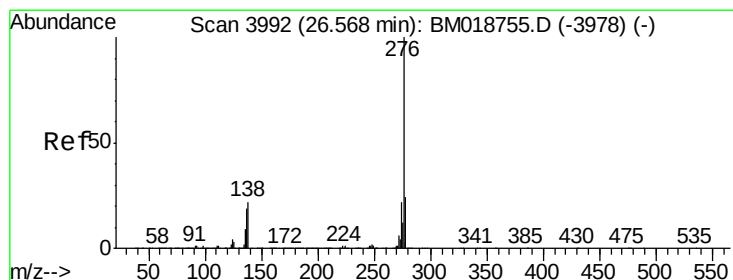
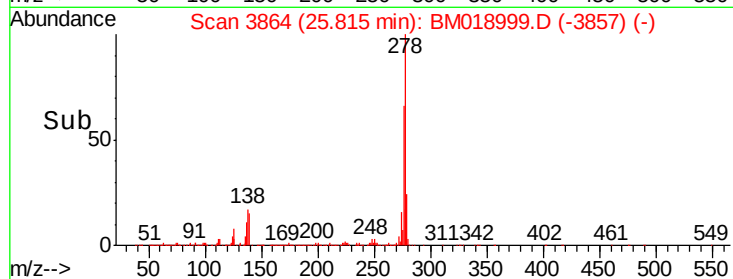
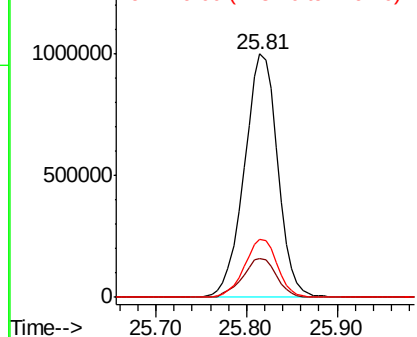
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	18.8
279	23.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:06 PM



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



#92
Benzo(g,h,i)perylene
Concen: 42.652 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.06 min
Lab File: BM018999.D
Acq: 01 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	20.8	17.3	25.9

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

