

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019215.D
 Acq On : 18 Mar 2019 14:51
 Operator : JU/SJ
 Sample : K1933-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Manual Integrations
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Sohil
 3/19/2019 5:27:58 PM

Quant Time: Mar 19 07:29:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	223834	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	956534	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	557888	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1184905	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	917575	20.00	ng	-0.01
87) Perylene-d12	23.49	264	841057	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2335318	168.96	ng	0.00
7) Phenol-d6	6.84	99	3418062	169.07	ng	0.00
23) Nitrobenzene-d5	8.82	82	2070393	102.32	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1357231	164.77	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3857331	89.94	ng	-0.02
79) Terphenyl-d14	19.70	244	4971424	107.56	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.22	88	214062	34.815 ng	100
3) Pyridine	3.61	79	610729	36.510 ng	99
4) n-Nitrosodimethylamine	3.53	42	199859	38.432 ng	99
6) Aniline	7.00	93	324896	12.448 ng	99
8) 2-Chlorophenol	7.22	128	799296	48.124 ng	99
9) Benzaldehyde	6.82	77	293461	23.077 ng	98
10) Phenol	6.86	94	1115472	51.197 ng	100
11) bis(2-Chloroethyl)ether	7.09	93	719290	43.264 ng	99
12) 1,3-Dichlorobenzene	7.53	146	731097	41.594 ng	99
13) 1,4-Dichlorobenzene	7.69	146	755101	42.138 ng	97
14) 1,2-Dichlorobenzene	8.00	146	741679	42.541 ng	99
15) Benzyl Alcohol	7.90	79	759357	45.383 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	707535	41.679 ng	98
17) 2-Methylphenol	8.10	107	694422	48.910 ng	99
18) Hexachloroethane	8.70	117	273104	41.015 ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	712960	42.986 ng	98
20) 3+4-Methylphenols	8.43	107	948686	49.226 ng	98
22) Acetophenone	8.48	105	1169433	44.239 ng	# 99
24) Nitrobenzene	8.86	77	979038	46.521 ng	99
25) Isophorone	9.38	82	1779552	46.087 ng	100
26) 2-Nitrophenol	9.56	139	433818	49.730 ng	99
27) 2,4-Dimethylphenol	9.62	122	751783	57.969 ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1074307	46.988 ng	99
29) 2,4-Dichlorophenol	10.09	162	759383	52.870 ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	759485	46.894 ng	100
31) Naphthalene	10.49	128	2327521	46.166 ng	100
32) Benzoic acid	9.75	122	113868m	10.367 ng	
33) 4-Chloroaniline	10.62	127	132177	6.396 ng	97
34) Hexachlorobutadiene	10.75	225	402808	43.340 ng	99
35) Caprolactam	11.45	113	242141m	47.326 ng	
36) 4-Chloro-3-methylphenol	11.74	107	867881	48.971 ng	99
37) 2-Methylnaphthalene	12.10	142	1740861	47.517 ng	99
38) 1-Methylnaphthalene	12.33	142	1655386	45.841 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	829657	47.013 ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	735794	92.048	nq	98
43) 2,4,6-Trichlorophenol	12.73	196	615321	53.954	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	641240	52.581	nq	98
46) 1,1'-Biphenyl	13.13	154	2242200	46.021	nq	100
47) 2-Chloronaphthalene	13.17	162	1739836	47.841	nq	99
48) 2-Nitroaniline	13.40	65	594039	48.706	nq	97
49) Acenaphthylene	14.03	152	2821047	45.877	nq	100
50) Dimethylphthalate	13.78	163	2453799	51.416	nq	100
51) 2,6-Dinitrotoluene	13.90	165	495498	48.029	nq	98
52) Acenaphthene	14.37	154	1628111	46.079	nq	98
53) 3-Nitroaniline	14.24	138	184064	16.845	nq	98
54) 2,4-Dinitrophenol	14.45	184	275751	46.025	nq	99
55) Dibenzofuran	14.70	168	2650625	46.517	nq	99
56) 4-Nitrophenol	14.56	139	763205	85.549	nq	99
57) 2,4-Dinitrotoluene	14.70	165	699223	46.691	nq	98
58) Fluorene	15.36	166	2161066	46.011	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567896	50.021	nq	99
60) Diethylphthalate	15.14	149	2251390	46.579	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	1065831	46.722	nq	97
62) 4-Nitroaniline	15.42	138	439159	39.881	nq	99
63) Azobenzene	15.65	77	2335795	45.924	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	310727	40.018	nq	98
66) n-Nitrosodiphenylamine	15.58	169	1876636	49.747	nq	100
67) 4-Bromophenyl-phenylether	16.25	248	638727	48.883	nq	98
68) Hexachlorobenzene	16.35	284	738751	47.555	nq	98
69) Atrazine	16.54	200	638702	50.297	nq	100
70) Pentachlorophenol	16.71	266	858047	91.677	nq	99
71) Phenanthrene	17.10	178	3170962	45.657	nq	100
72) Anthracene	17.19	178	3249010	47.786	nq	99
73) Carbazole	17.47	167	2866993	44.677	nq	99
74) Di-n-butylphthalate	18.03	149	3833235	49.398	nq	100
75) Fluoranthene	19.13	202	3343925	41.960	nq	99
77) Benzidine	19.33	184	1161810	44.646	nq	100
78) Pyrene	19.49	202	3299920	56.840	nq	100
80) Butylbenzylphthalate	20.40	149	1602006	63.354	nq	99
81) Benzo(a)anthracene	21.24	228	2574740	44.727	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	471277	21.252	nq	98
83) Chrysene	21.30	228	2489005	44.693	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2382346	64.759	nq	99
85) Di-n-octyl phthalate	22.04	149	3555762	57.400	nq	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2850009	47.540	nq	100
88) Benzo(b)fluoranthene	22.82	252	2482919	45.559	nq	100
89) Benzo(k)fluoranthene	22.87	252	2352648	46.934	nq	98
90) Benzo(a)pyrene	23.40	252	2317873	47.327	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2438029	52.039	nq	100
92) Benzo(g,h,i)perylene	26.45	276	2315024	53.821	nq	99

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

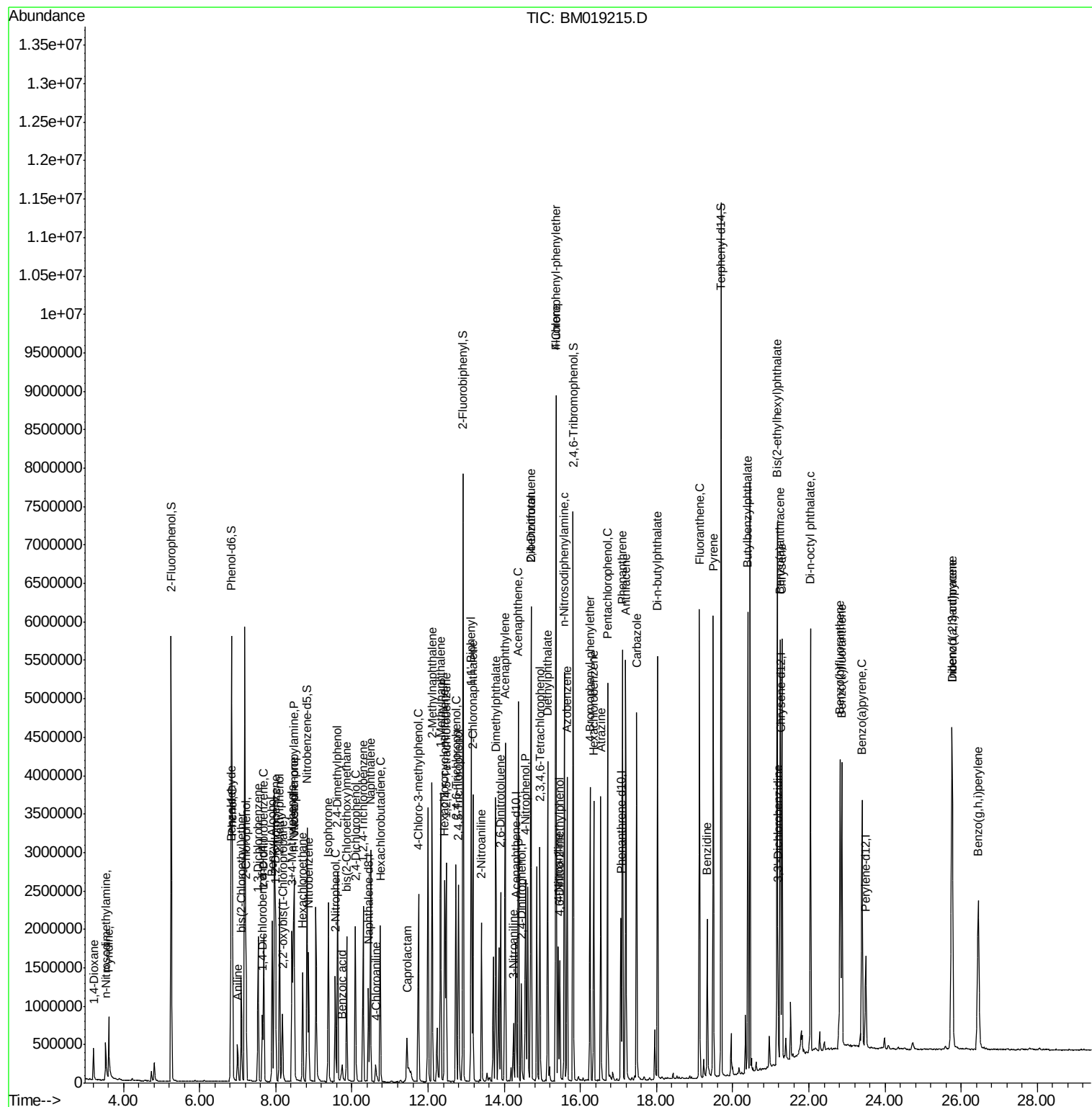
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
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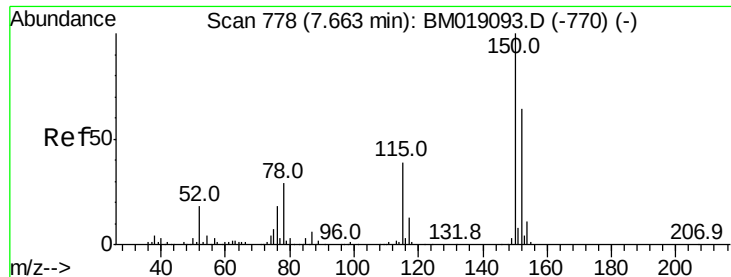
Instrument :
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 ClientSampled :
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#1

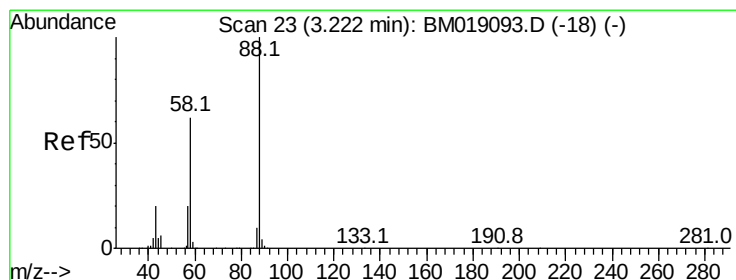
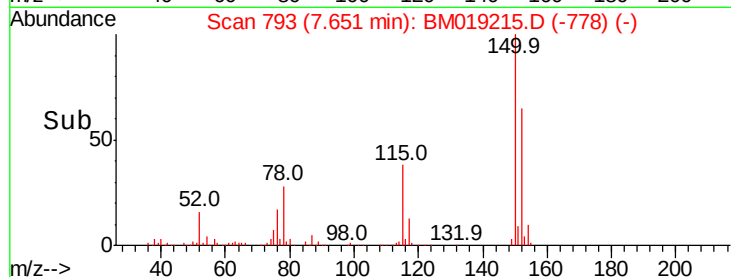
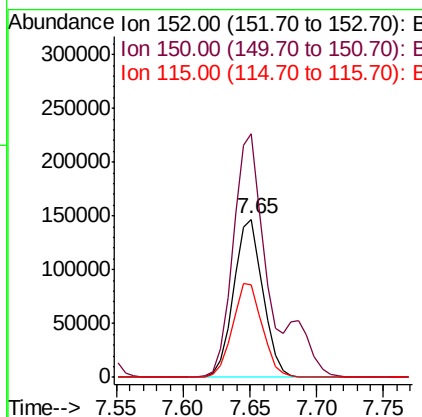
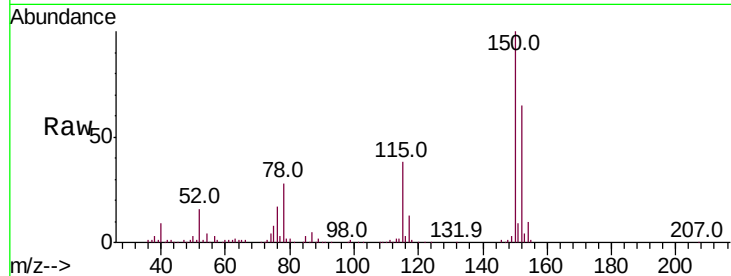
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	58.9	49.4	74.0

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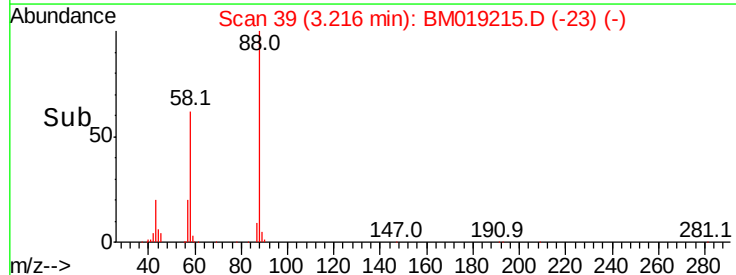
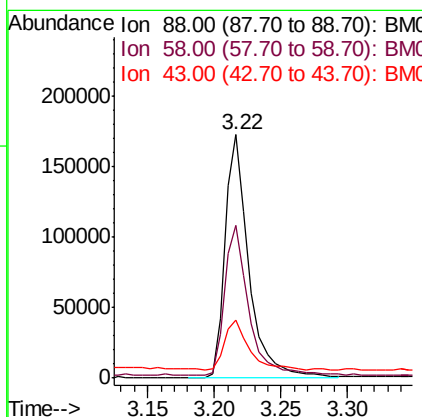
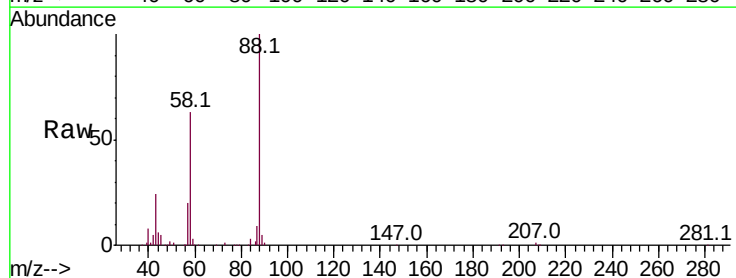
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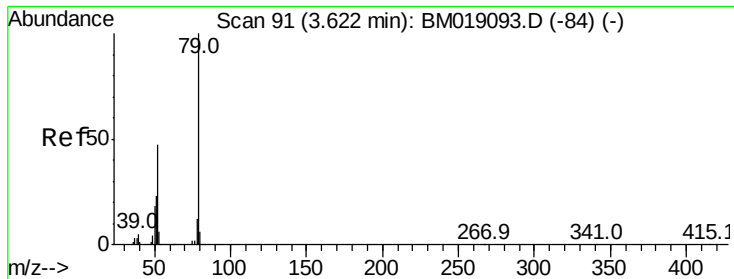


#2

1,4-Dioxane
Concen: 34.815 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	50.0	75.0
43	21.0	17.0	25.4





#3

Pvridine

Concen: 36.510 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

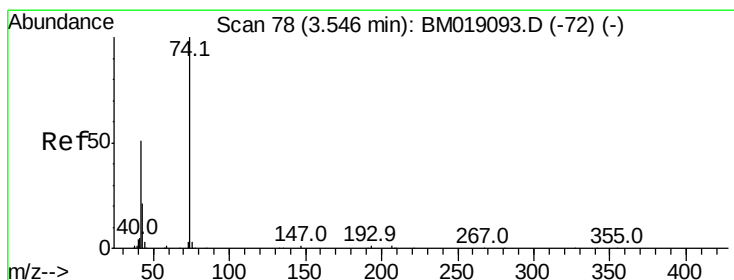
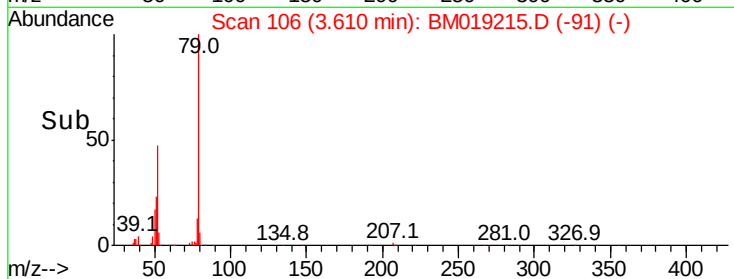
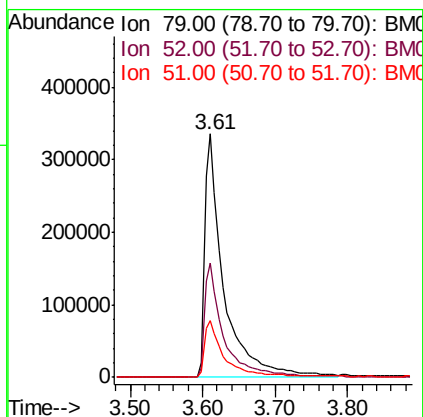
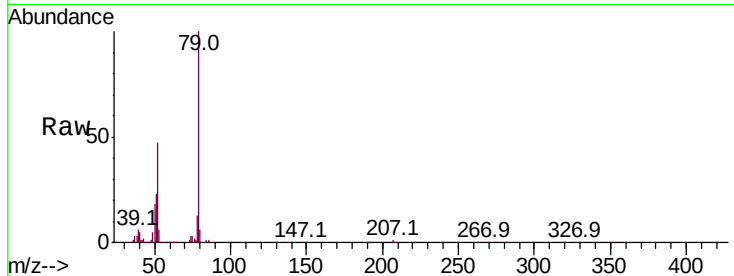
ClientSampleId :

S-1MSD

Tot Ion:	79	Resp:	610729
Ion Ratio	Lower	Upper	
79	100		
52	46.9	37.5	56.3
51	23.3	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 38.432 ng

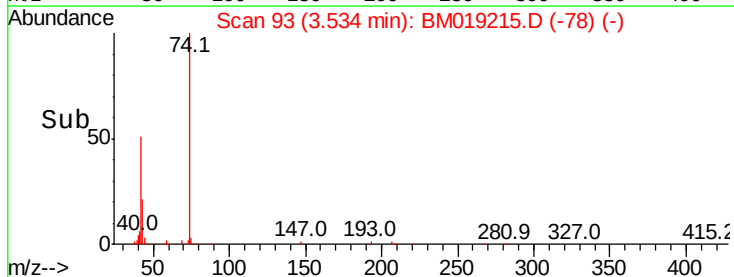
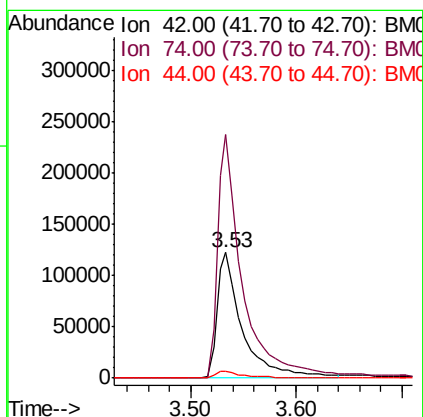
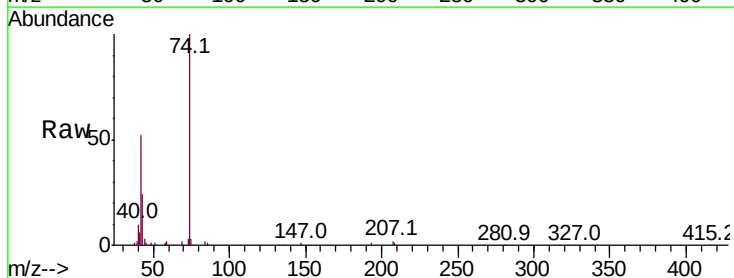
RT: 3.53 min Scan# 93

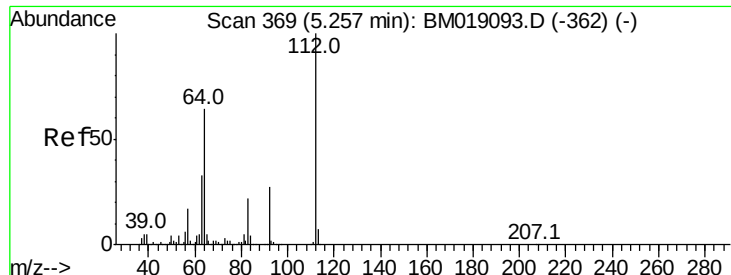
Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:	42	Resp:	199859
Ion Ratio	Lower	Upper	
42	100		
74	194.0	156.3	234.5
44	5.7	4.6	7.0





#5

2-Fluorophenol

Concen: 168.964 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

Tot Ion: 112 Resp: 2335318

Ion Ratio Lower Upper

112 100

64 61.6 51.4 77.0

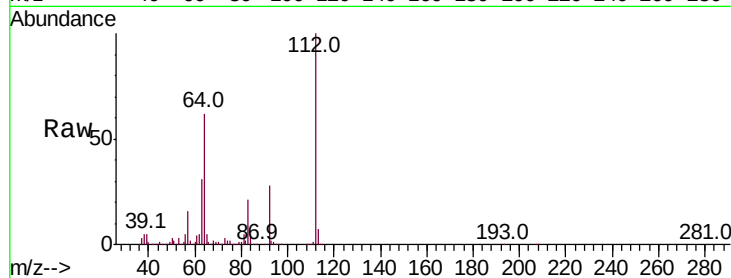
63 31.0 26.6 40.0

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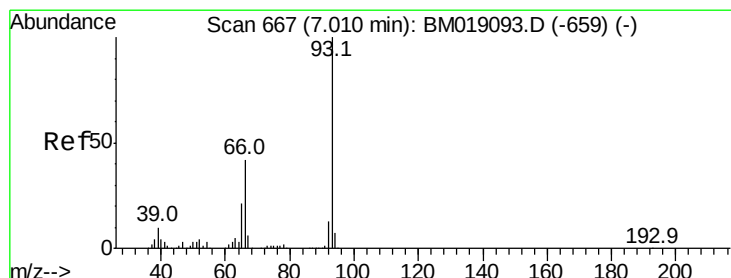
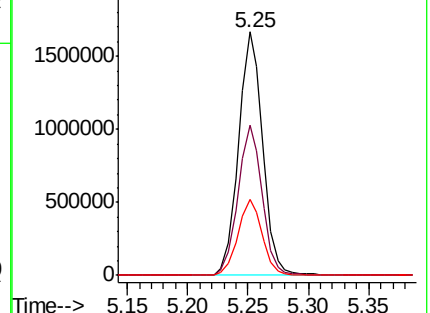
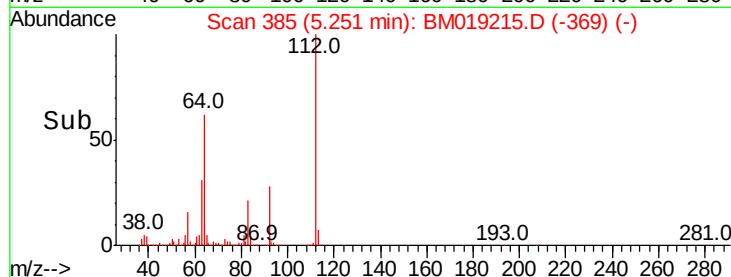
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 12.448 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

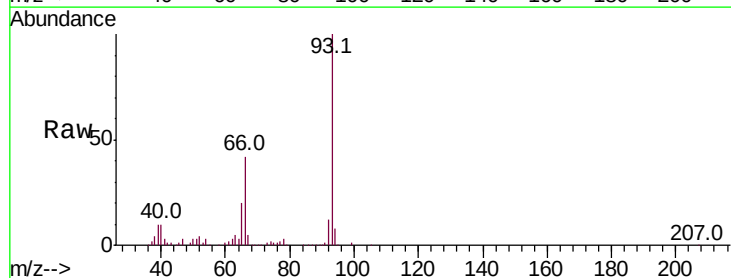
Tgt Ion: 93 Resp: 324896

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

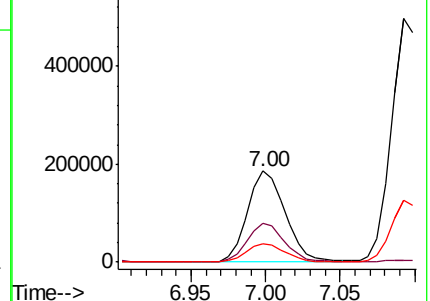
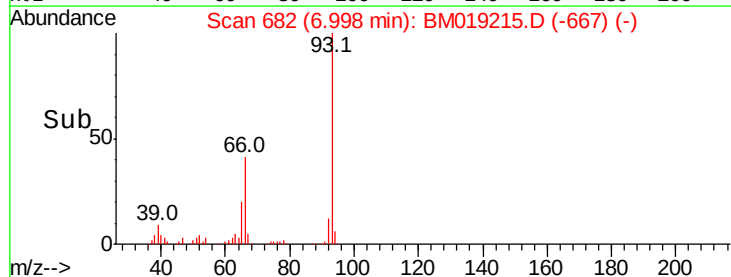
65 20.2 16.8 25.2

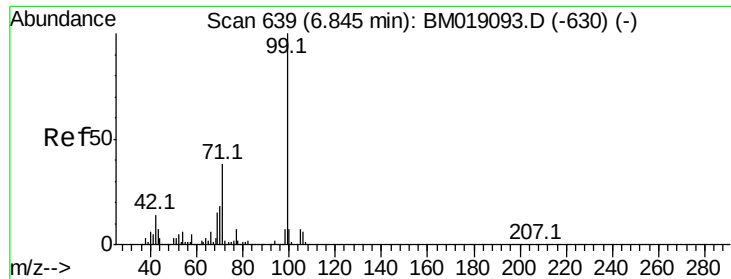


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 169.072 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

Tot Ion: 99 Resp: 3418062

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

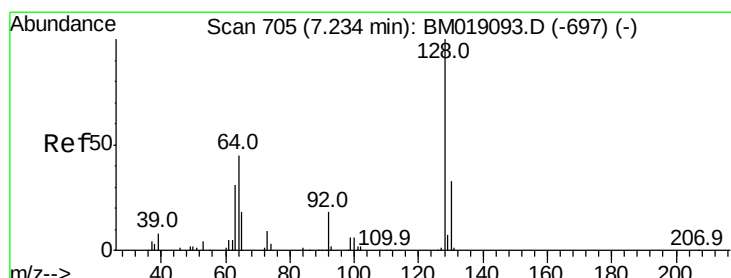
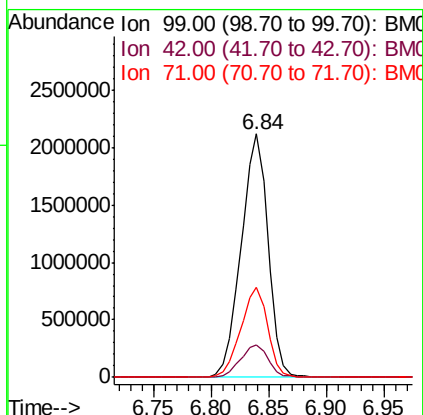
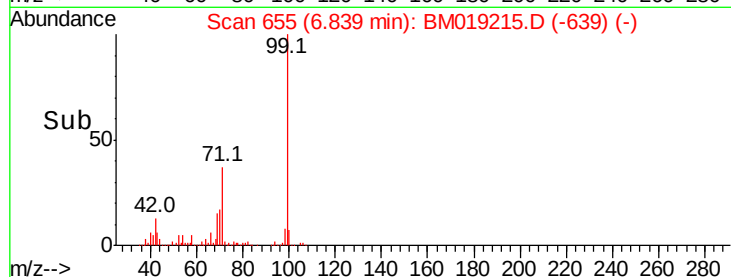
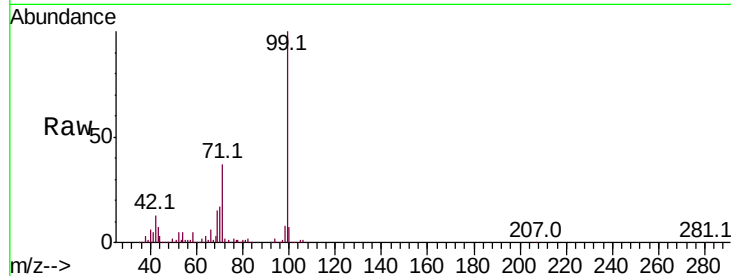
71 36.9 30.3 45.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 48.124 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

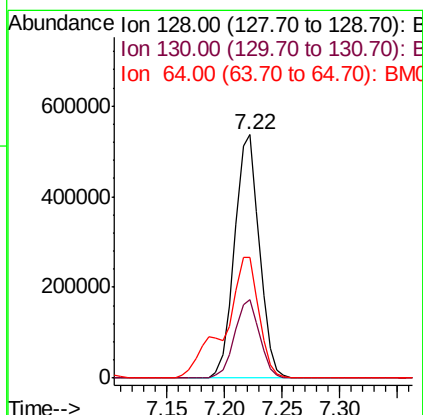
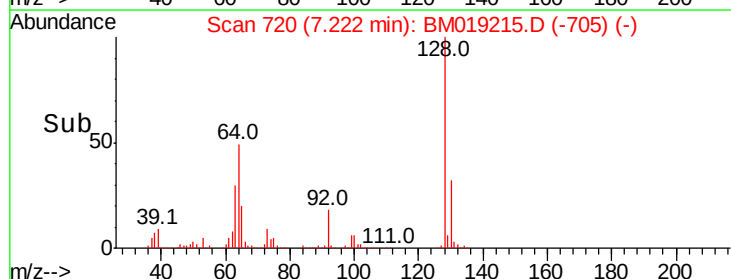
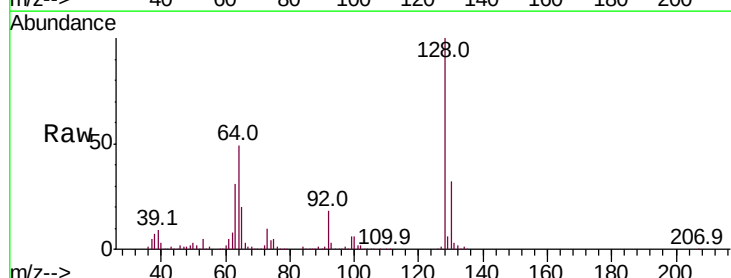
Tgt Ion: 128 Resp: 799296

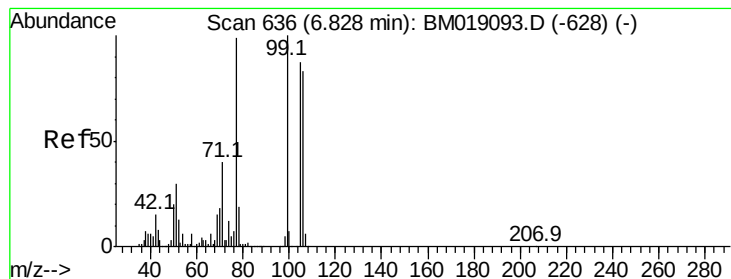
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 49.5 30.8 70.8





#9

Benzaldehyde

Concen: 23.077 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

Tot Ion: 77 Resp: 293461

Ion Ratio Lower Upper

77 100

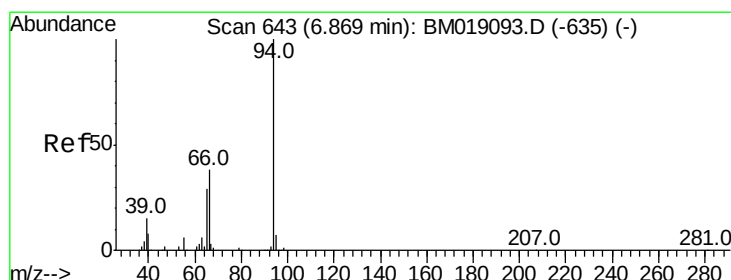
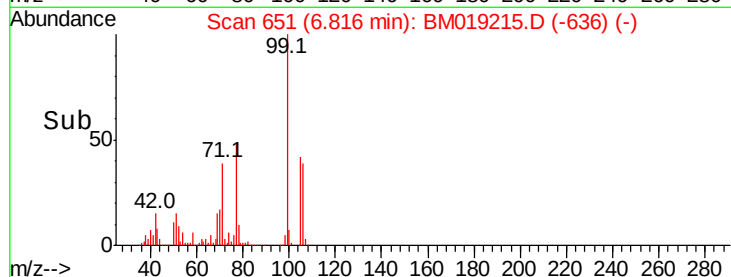
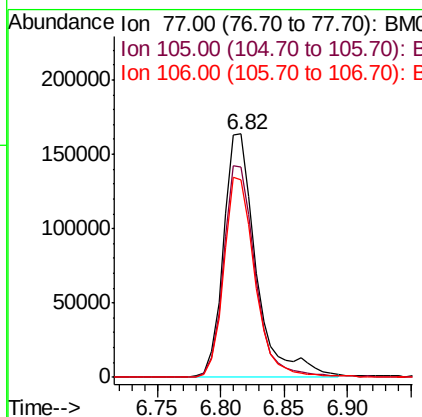
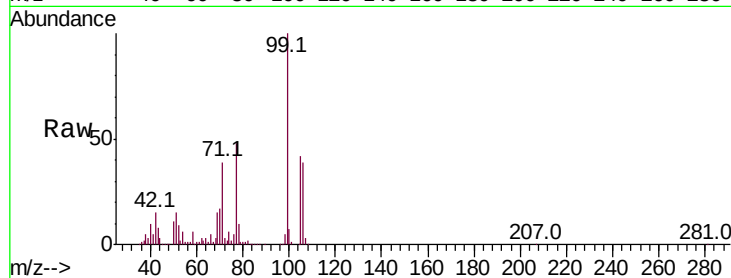
105 86.2 67.7 107.7

106 81.4 64.1 104.1

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#10

Phenol

Concen: 51.197 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

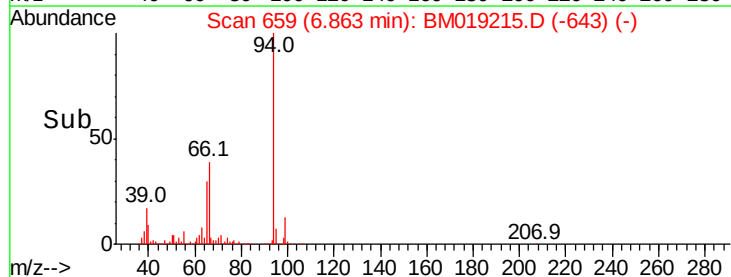
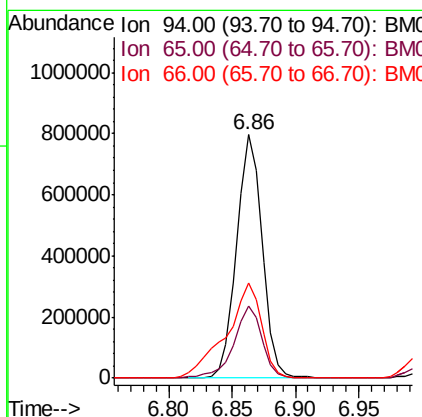
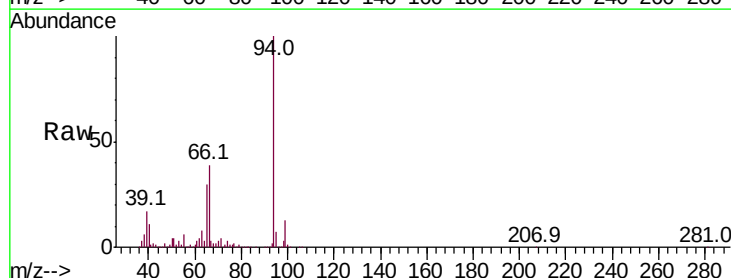
Tgt Ion: 94 Resp: 1115472

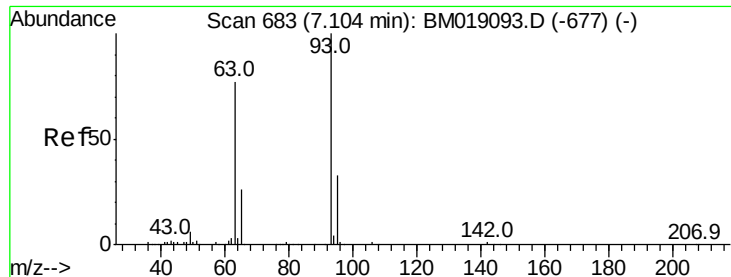
Ion Ratio Lower Upper

94 100

65 29.6 9.7 49.7

66 39.0 19.2 59.2





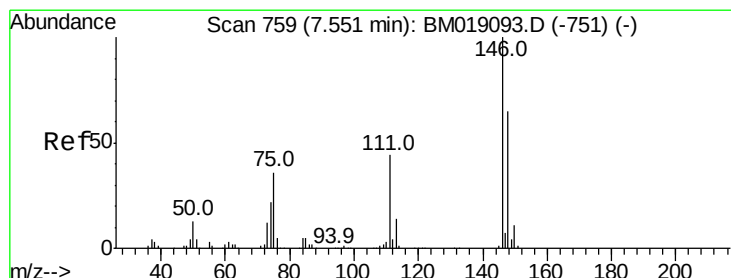
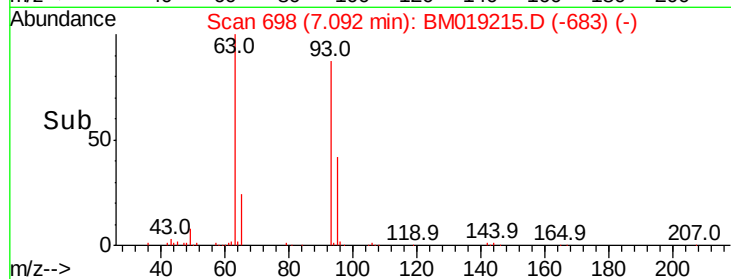
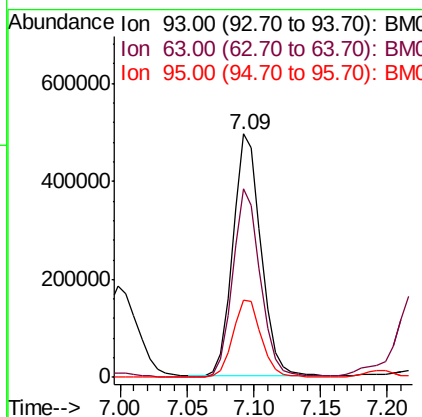
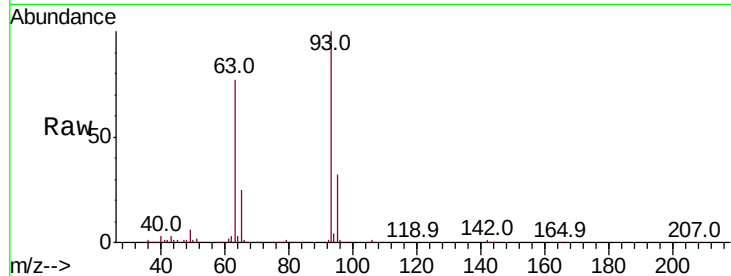
#11
bis(2-Chloroethyl)ether
Concen: 43.264 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	719290		
63	77.3	56.6	96.6	
95	32.0	13.0	53.0	

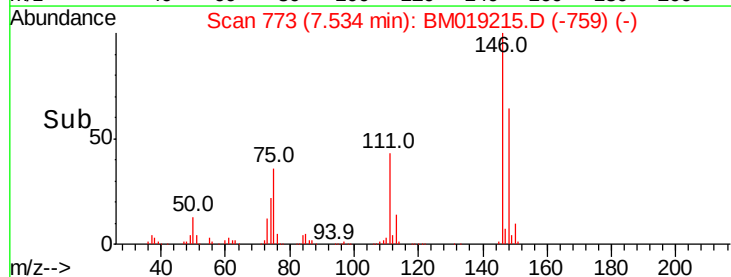
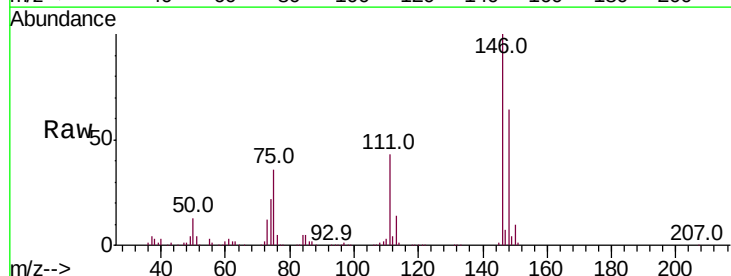
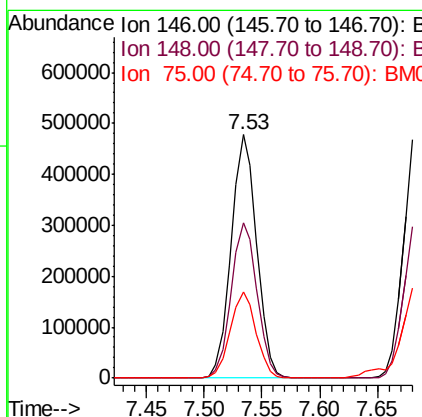
Manual Integrations
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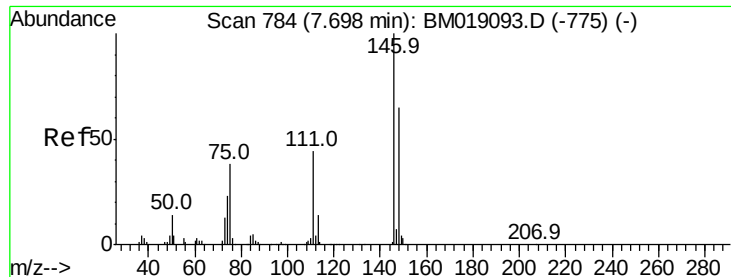
Sohil
3/19/2019 5:27:58 PM



#12
1,3-Dichlorobenzene
Concen: 41.594 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	731097		
148	64.0	51.7	77.5	
75	35.7	29.1	43.7	





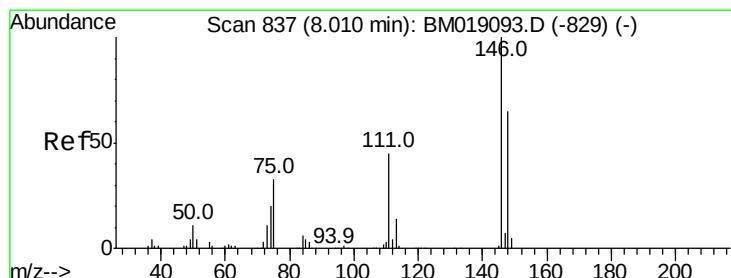
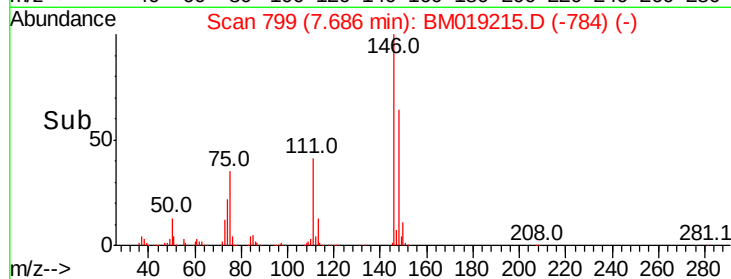
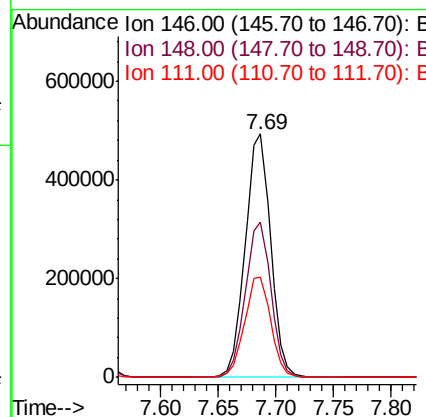
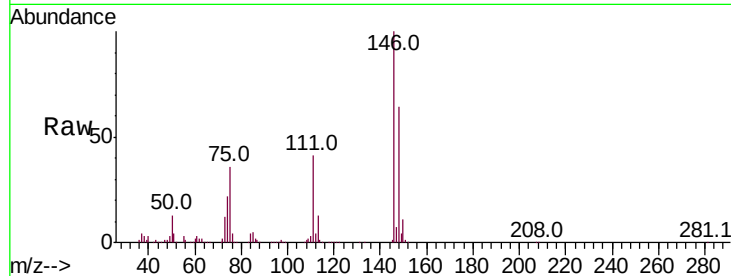
#13
 1,4-Dichlorobenzene
 Concen: 42.138 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.2	35.4	53.0

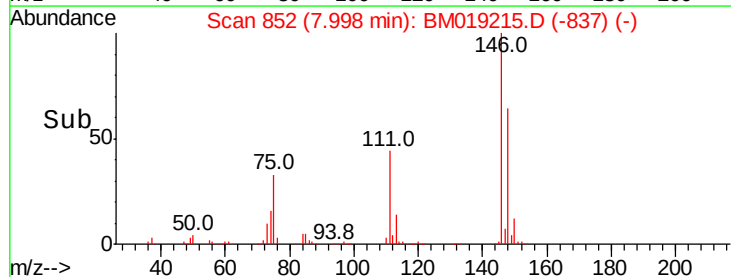
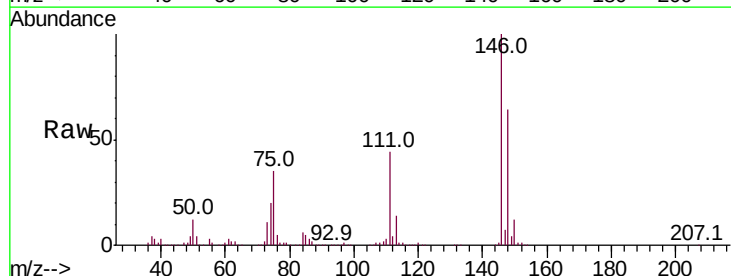
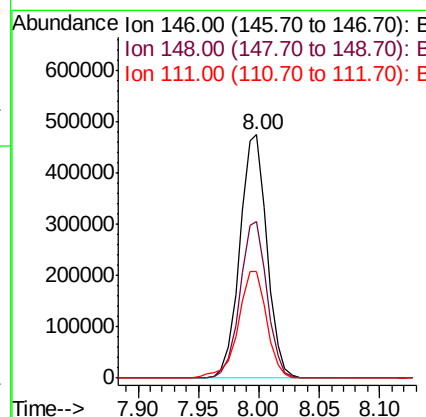
Manual Integrations
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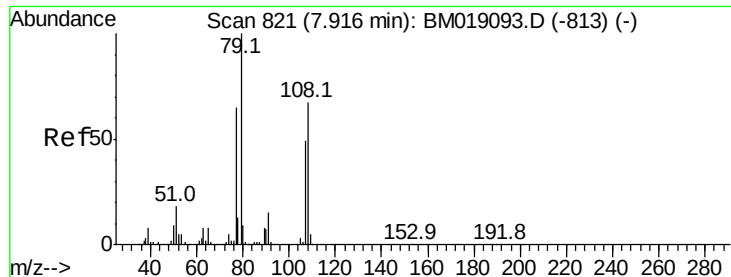
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.541 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	44.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 45.383 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

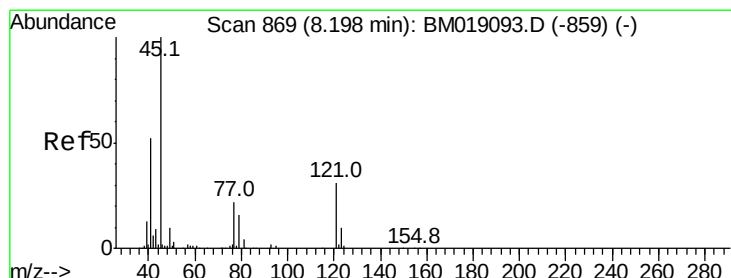
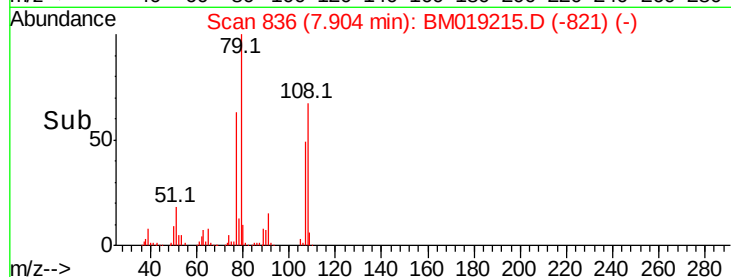
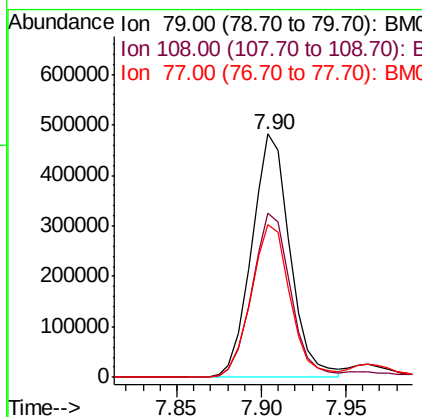
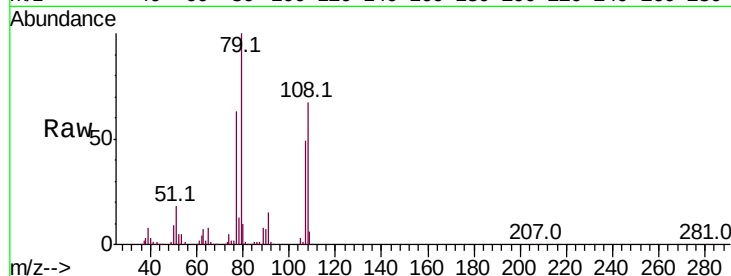
ClientSampleId :

S-1MSD

Tot Ion:	79	Resp:	759357
Ion Ratio	Lower	Upper	
79	100		
108	67.4	53.7	80.5
77	62.9	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.679 ng

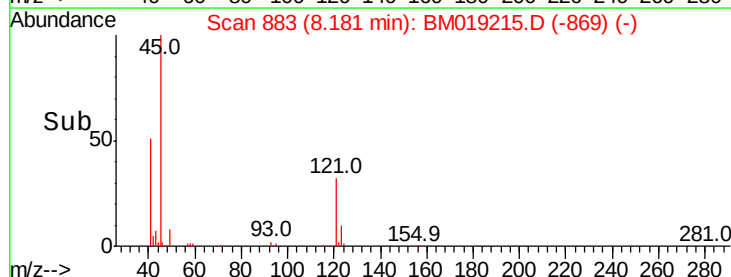
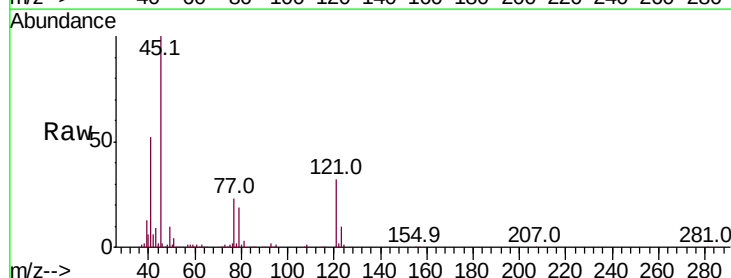
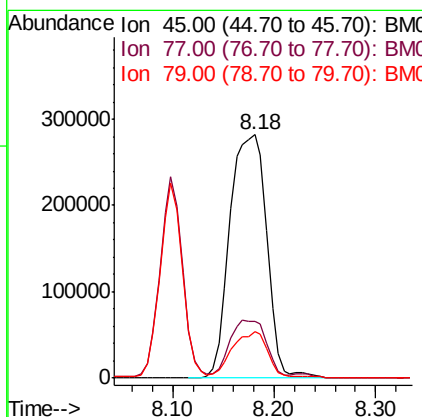
RT: 8.18 min Scan# 883

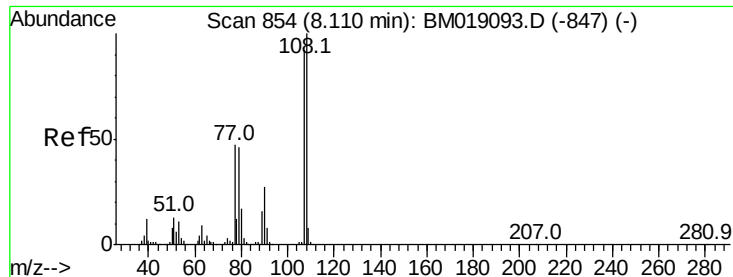
Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:	45	Resp:	707535
Ion Ratio	Lower	Upper	
45	100		
77	23.5	4.1	44.1
79	19.2	0.0	38.1





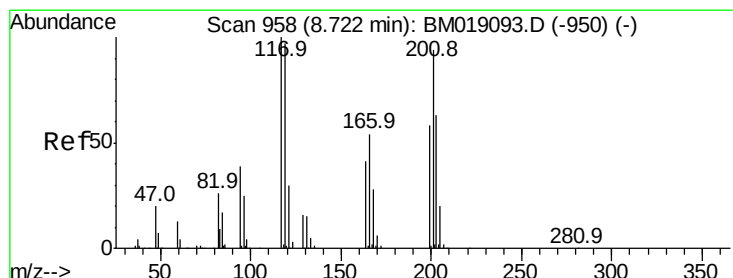
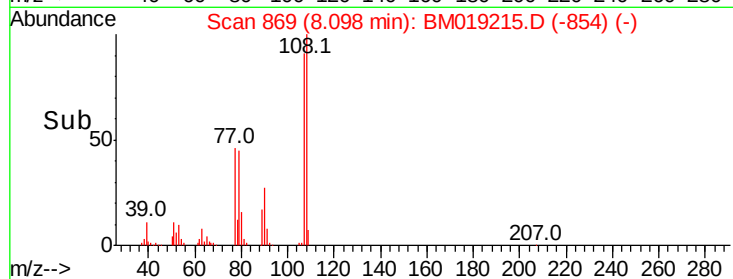
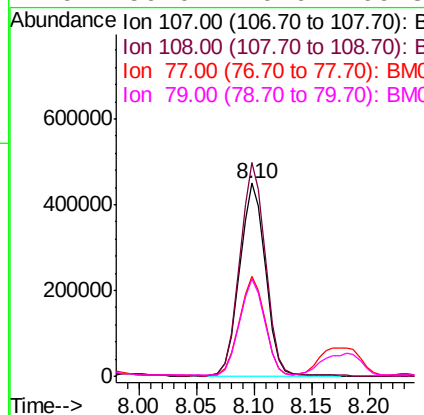
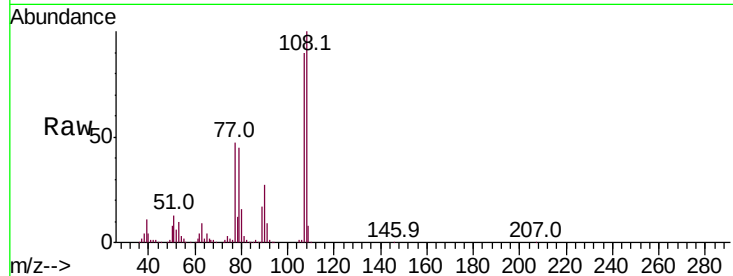
#17
2-Methylphenol
Concen: 48.910 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	694422		
108	110.5	87.4	131.2	
77	51.7	41.6	62.4	
79	50.0	40.6	60.8	

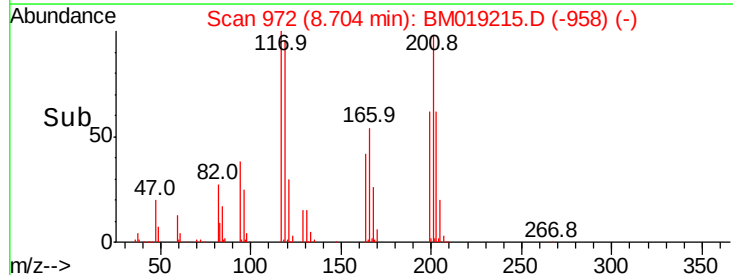
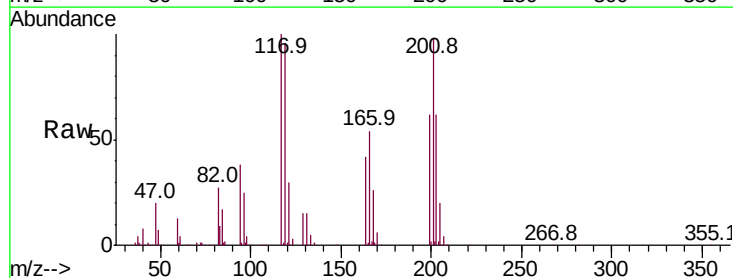
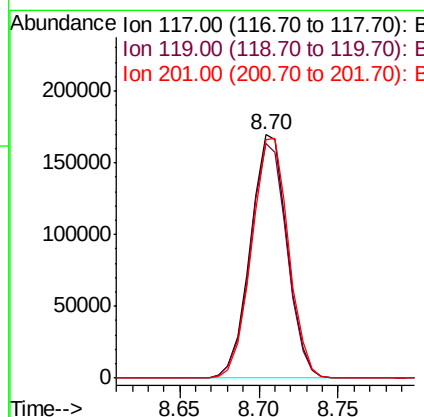
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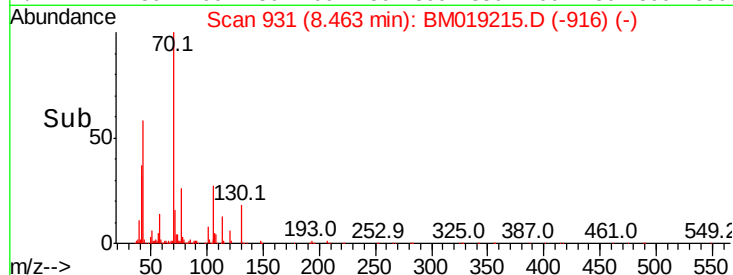
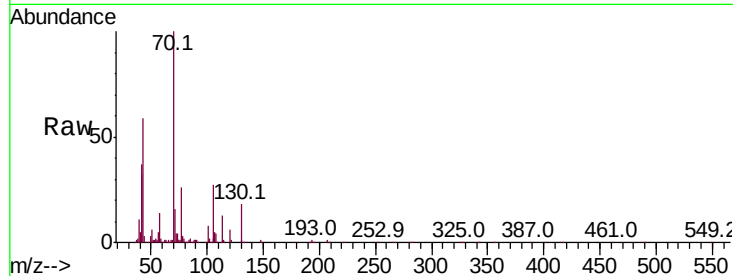
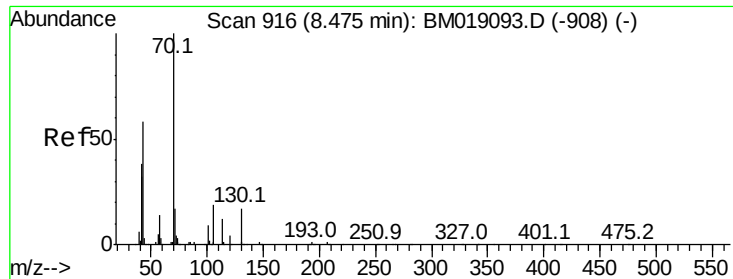
Sohil
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#18
Hexachloroethane
Concen: 41.015 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	273104		
119	96.5	77.4	116.2	
201	98.0	75.2	112.8	





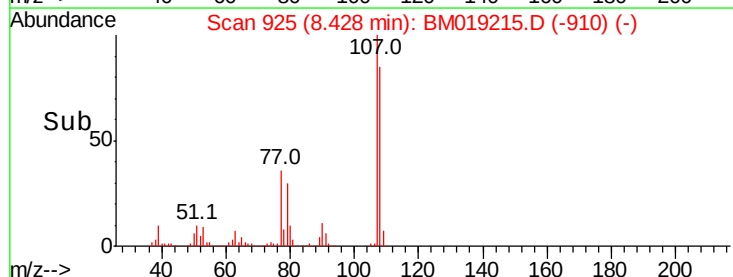
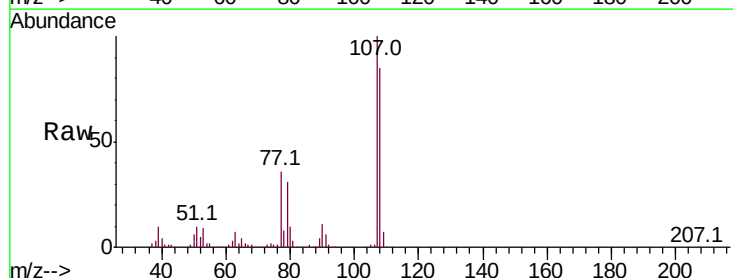
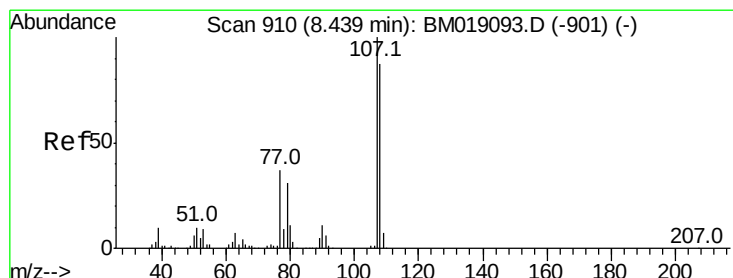
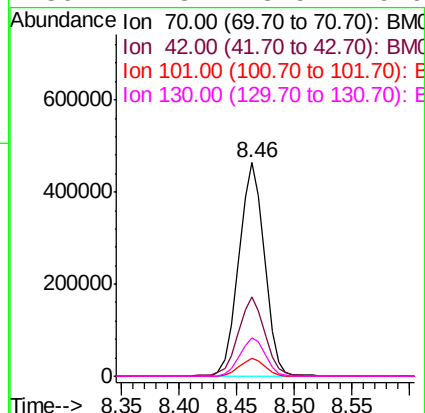
#19
n-Nitroso-di-n-propylamine
Concen: 42.986 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	36.9		30.6	45.8	
101	8.3		6.8	10.2	
130	17.8		13.9	20.9	

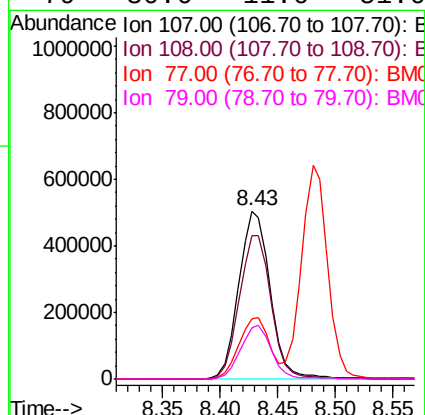
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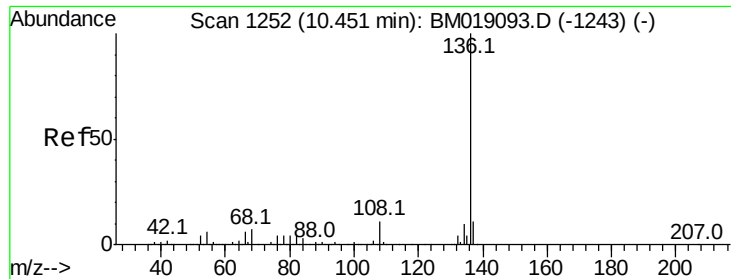
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#20
3+4-Methylphenols
Concen: 49.226 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.0		67.0	107.0	
77	35.9		17.3	57.3	
79	30.6		11.6	51.6	





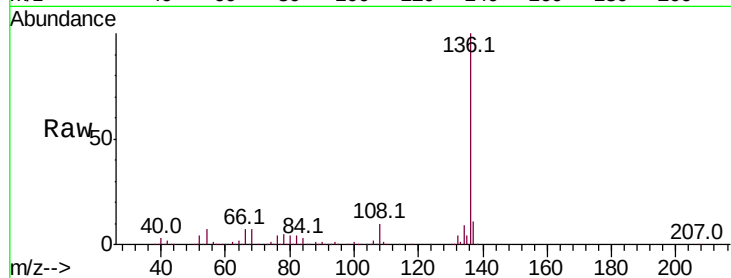
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

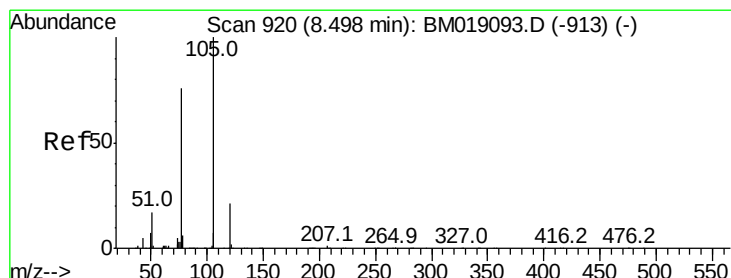
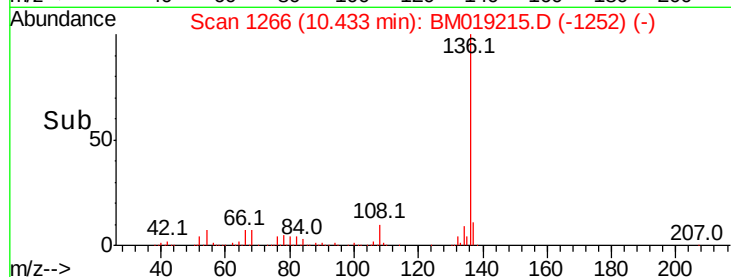
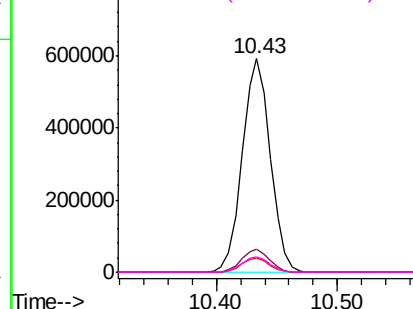
Tot Ion	Ratio	Resp	Lower	Upper
136	100	956534		
137	10.7		8.6	13.0
54	6.6		5.2	7.8
68	7.3		5.8	8.8

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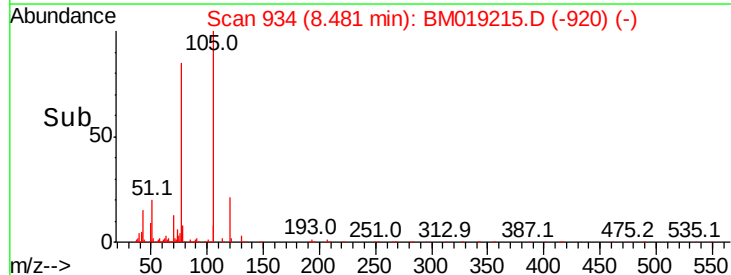
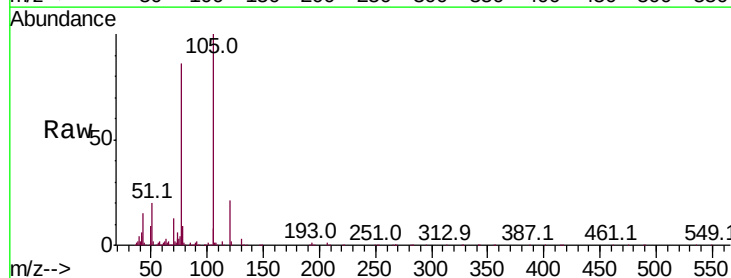
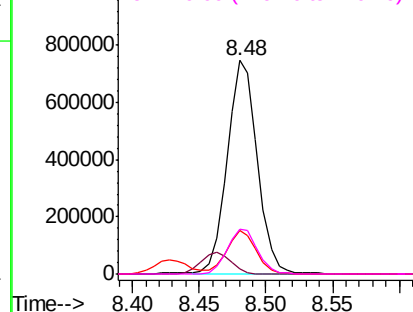
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

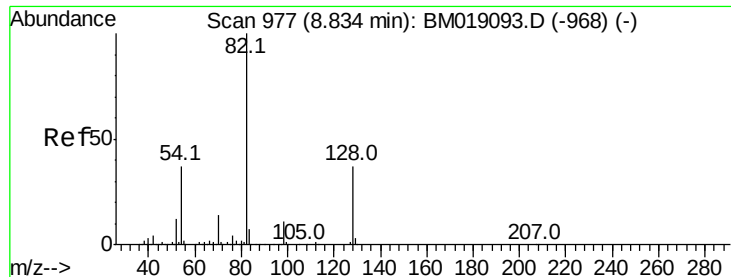


#22
Acetophenone
Concen: 44.239 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1169433		
71	2.1		0.8	1.2#
51	20.2		15.8	23.6
120	21.2		17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





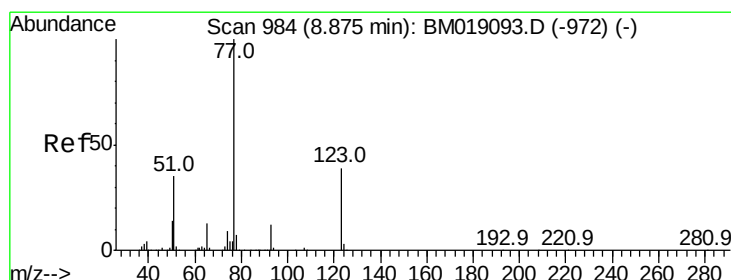
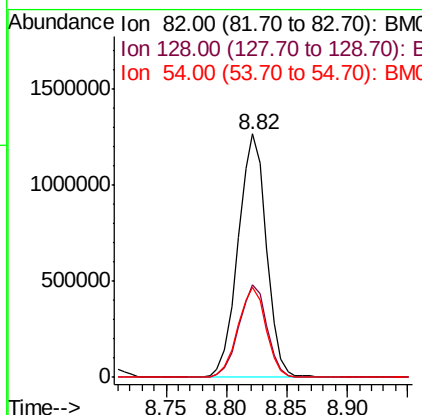
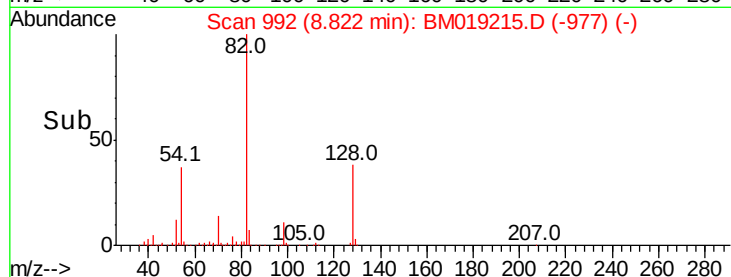
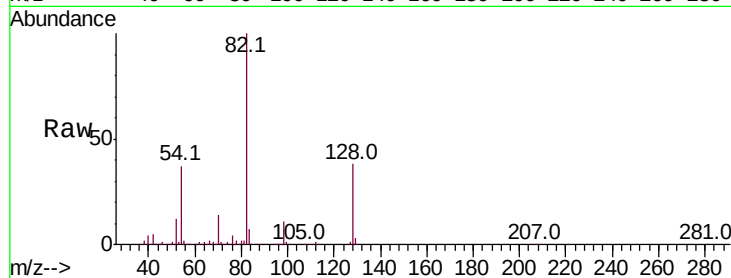
#23
Nitrobenzene-d5
Concen: 102.315 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	37.1	29.9	44.9

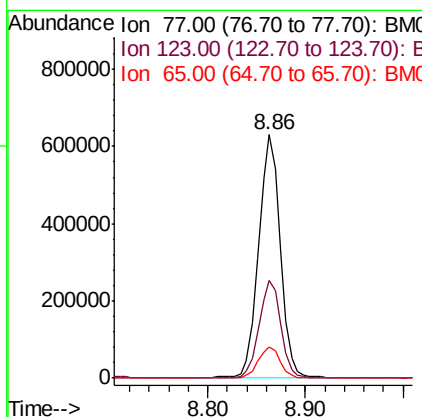
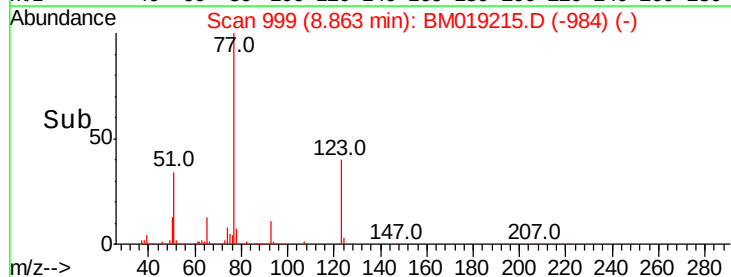
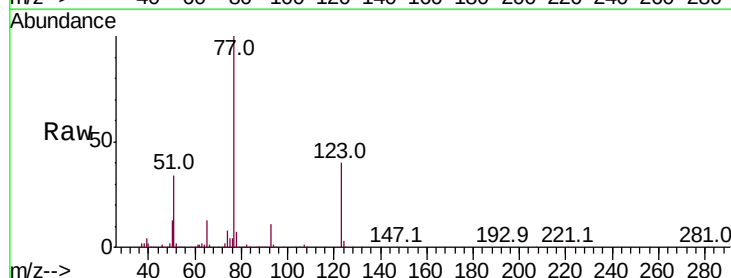
Manual Integrations
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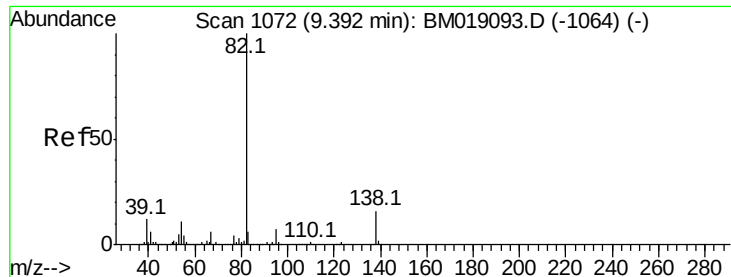
Sohil
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#24
Nitrobenzene
Concen: 46.521 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.3	46.9
65	12.8	10.5	15.7





#25

Isophorone

Concen: 46.087 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

Tot Ion: 82 Resp: 1779552

Ion Ratio Lower Upper

82 100

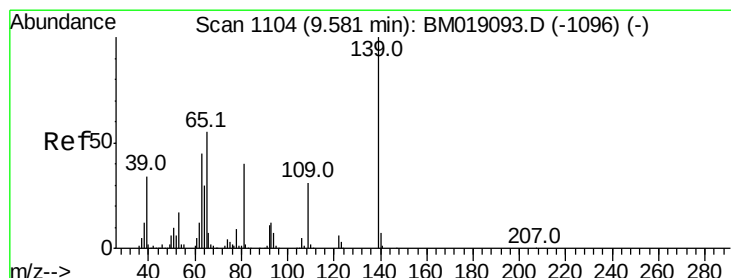
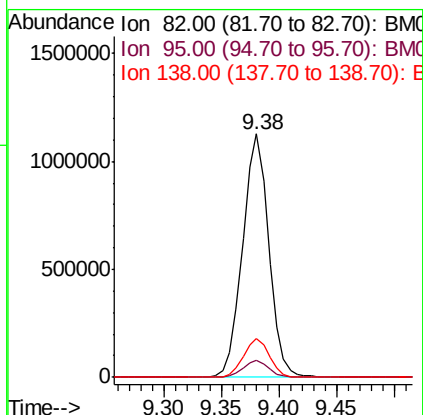
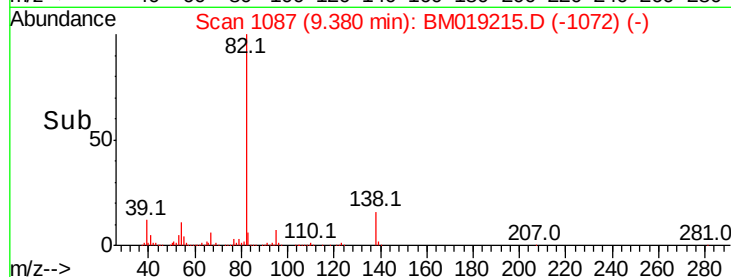
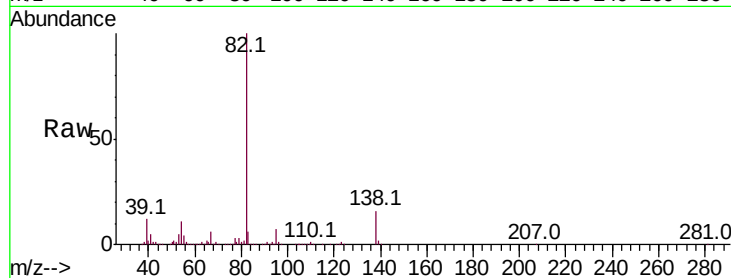
95 6.9 5.4 8.2

138 15.9 12.6 18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.730 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

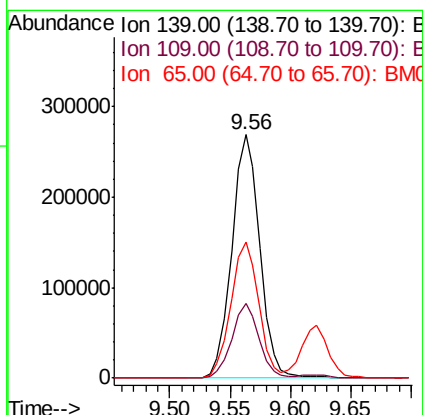
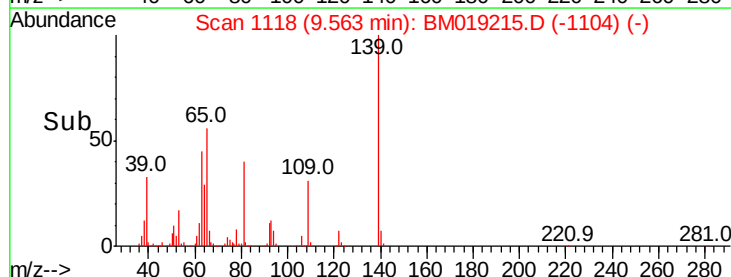
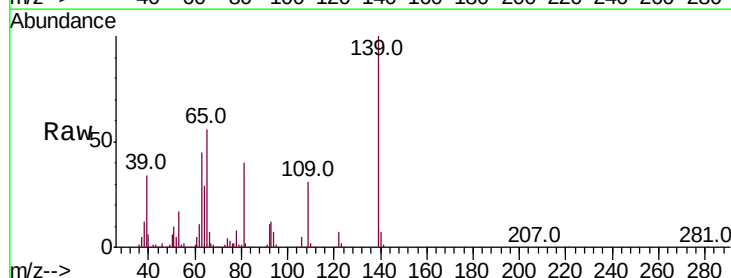
Tgt Ion: 139 Resp: 433818

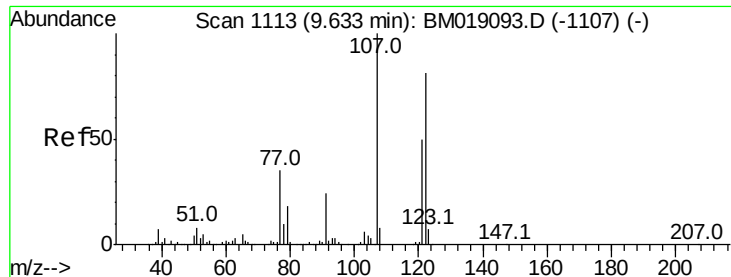
Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

65 56.1 44.4 66.6





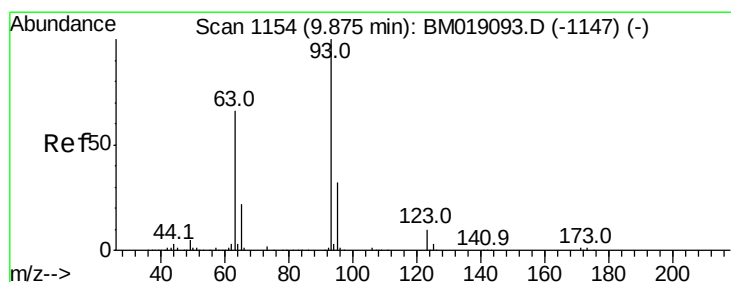
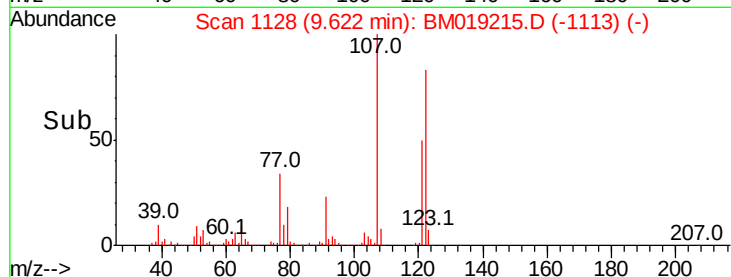
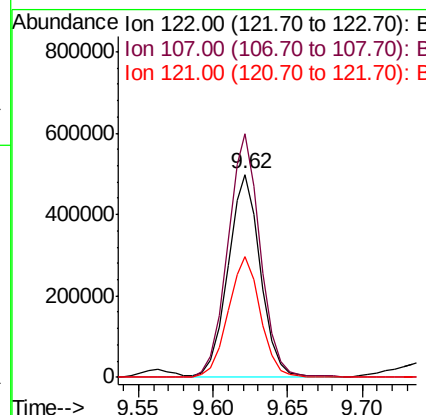
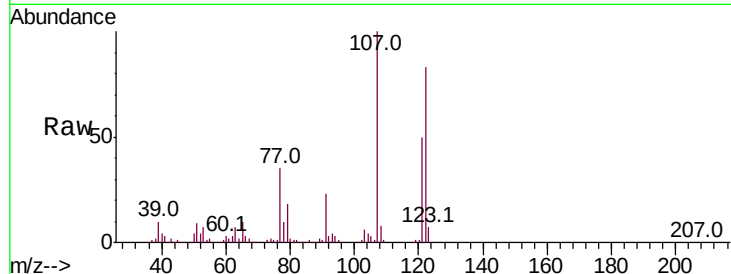
#27
 2,4-Dimethylphenol
 Concen: 57.969 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	751783		
107	120.1	98.2	147.4	
121	59.8	48.8	73.2	

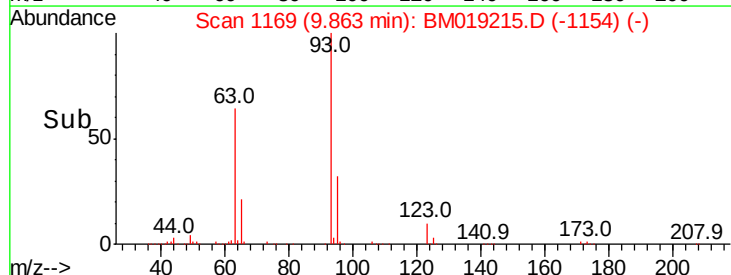
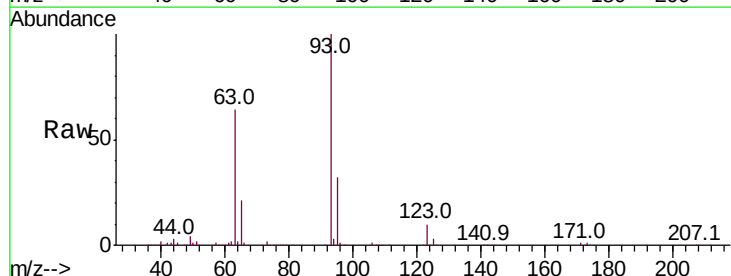
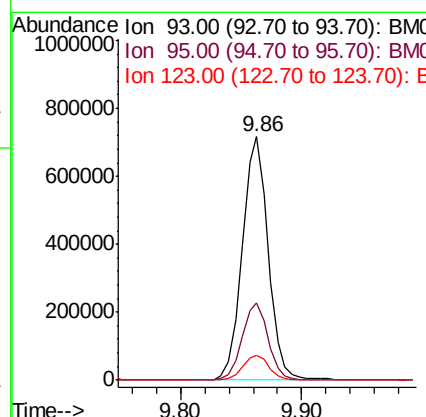
Manual Integrations
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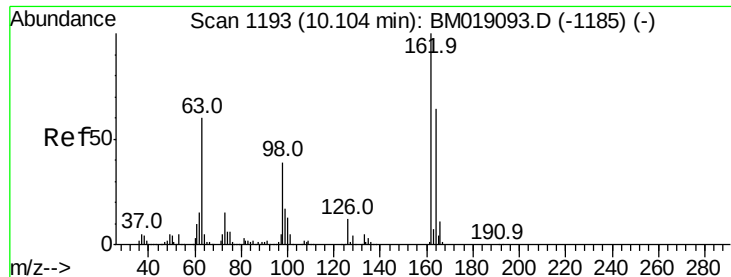
Sohil
 3/19/2019 5:27:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.988 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1074307		
95	31.6	25.8	38.8	
123	10.2	7.9	11.9	





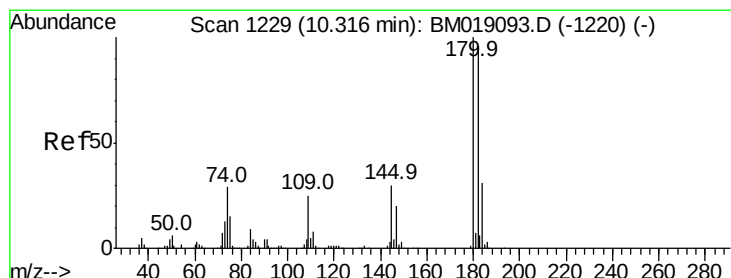
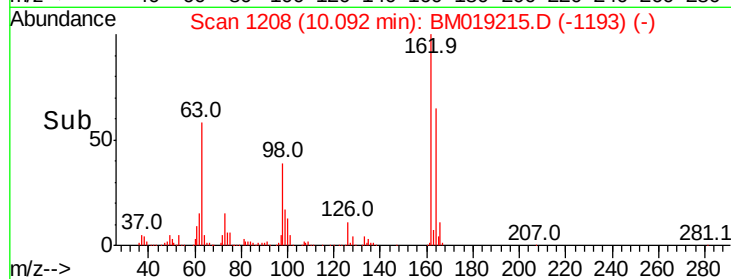
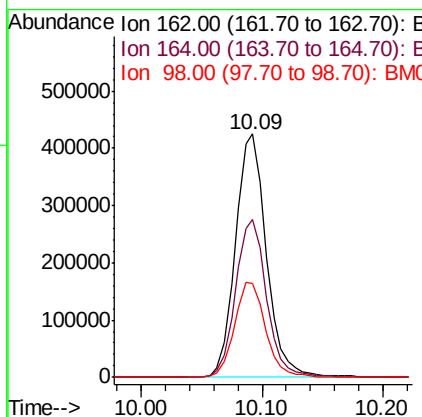
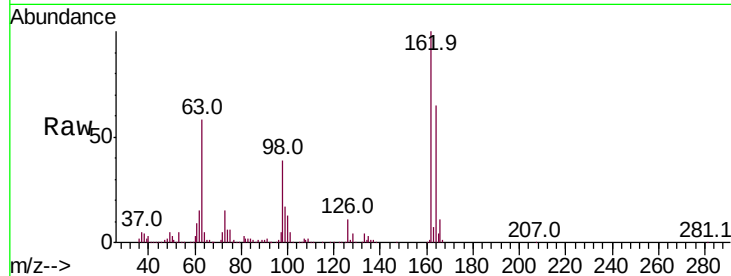
#29
 2,4-Dichlorophenol
 Concen: 52.870 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	43.5	83.5
98	38.5	19.1	59.1

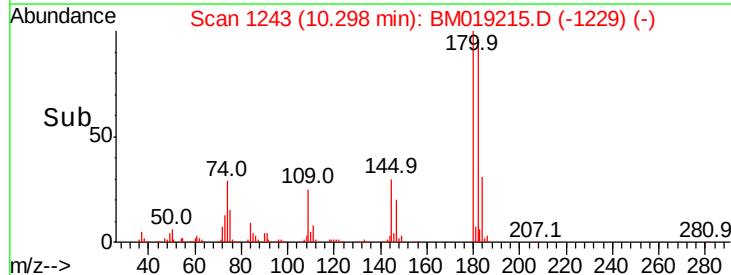
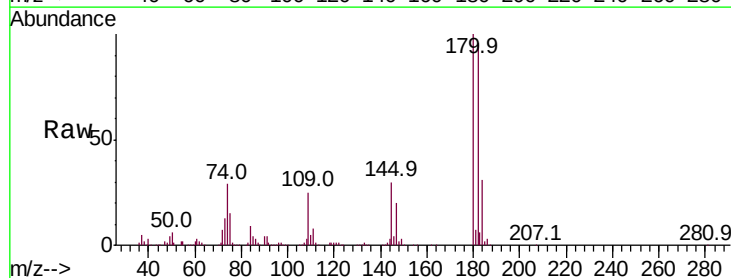
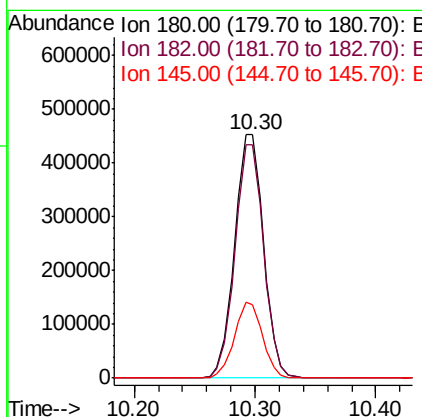
Manual Integrations
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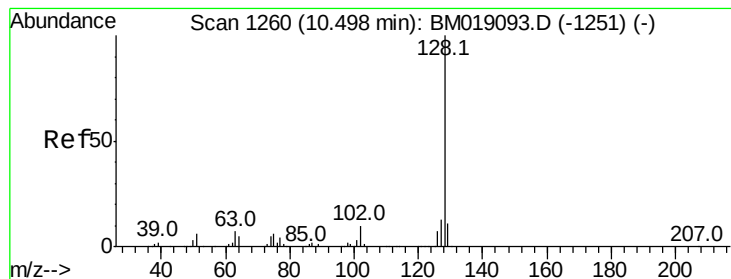
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.894 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	76.6	114.8
145	30.0	24.3	36.5





#31

Naphthalene

Concen: 46.166 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampleId :

S-1MSD

Tot Ion:128 Resp: 2327521

Ion Ratio Lower Upper

128 100

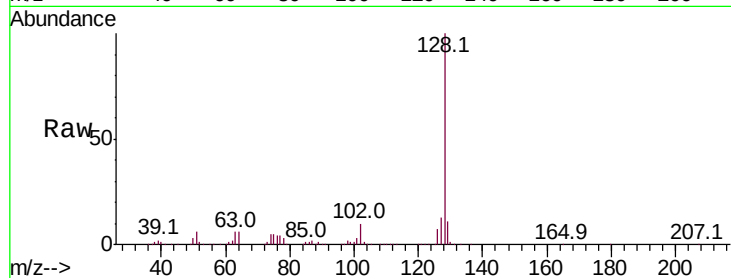
129 10.8 8.6 13.0

127 13.1 10.4 15.6

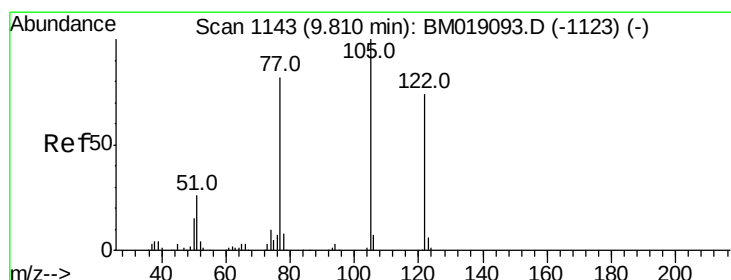
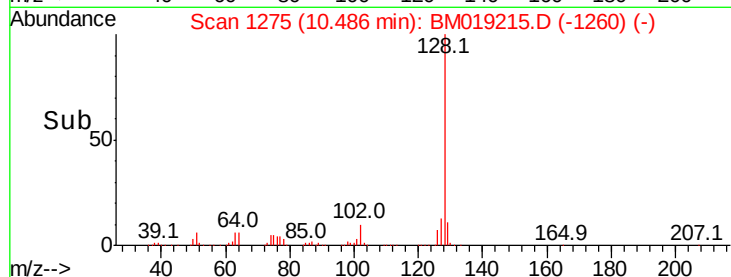
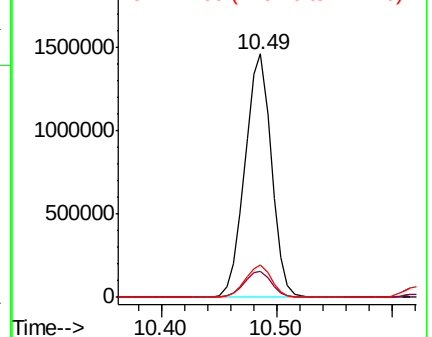
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.367 ng m

RT: 9.75 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

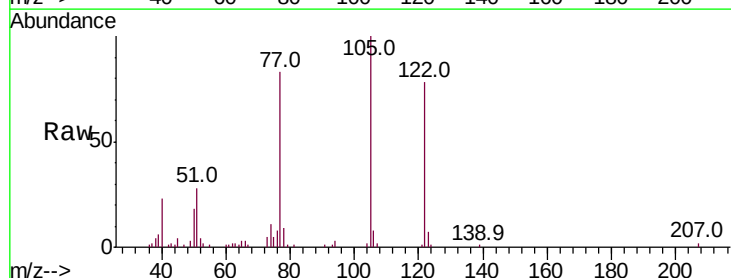
Tgt Ion:122 Resp: 113868

Ion Ratio Lower Upper

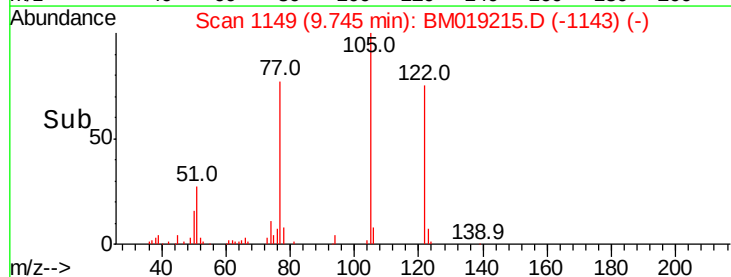
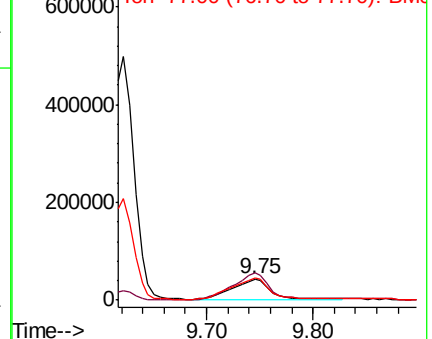
122 100

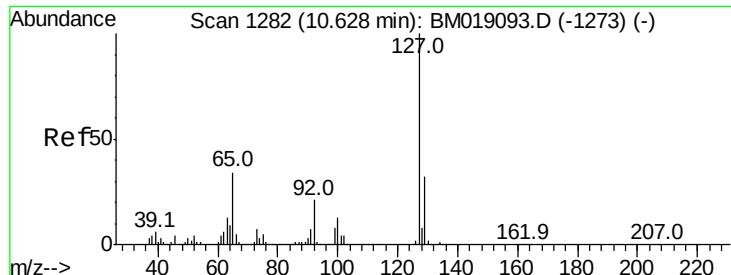
105 128.3 113.0 153.0

77 106.7 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





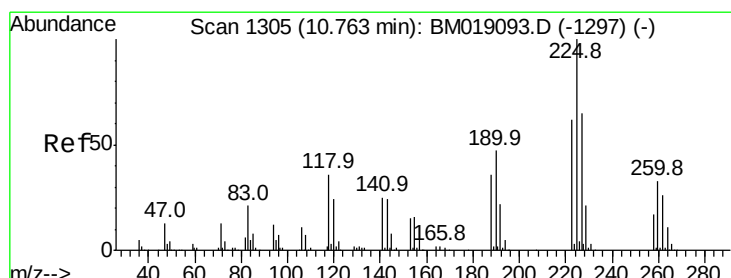
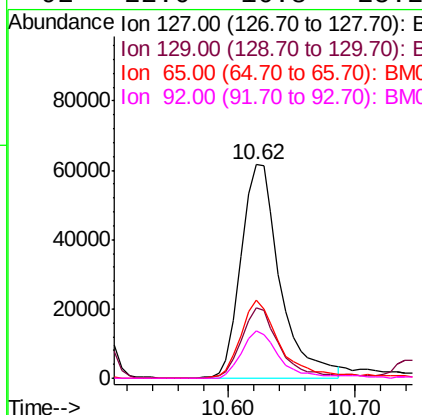
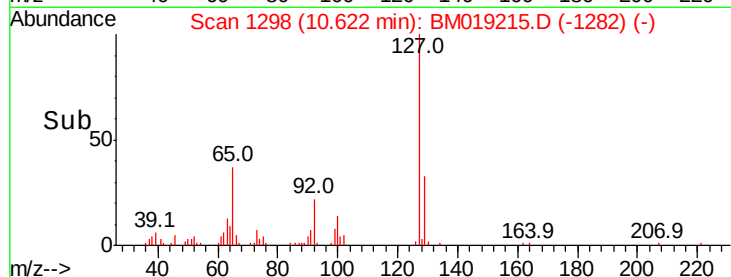
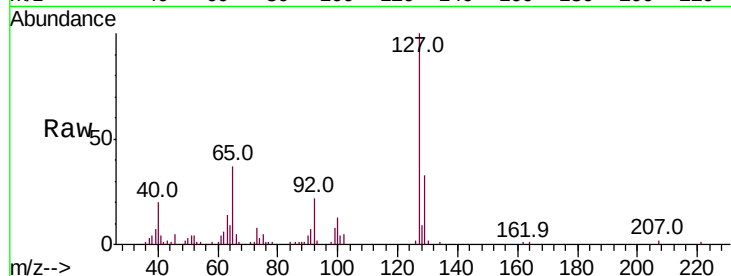
#33
4-Chloroaniline
Concen: 6.396 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	25.3	37.9
65	36.7	27.4	41.2
92	22.0	16.8	25.2

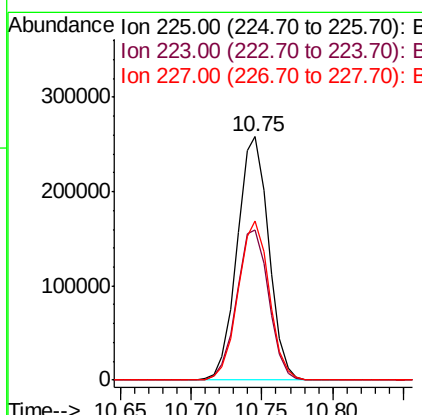
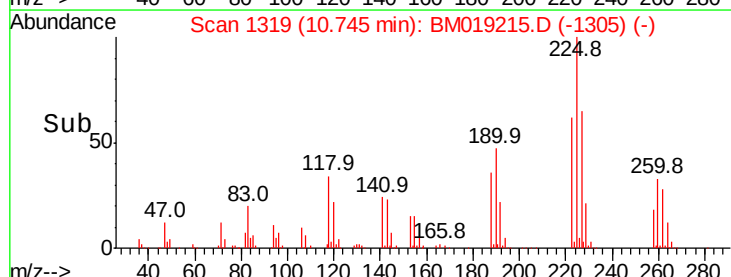
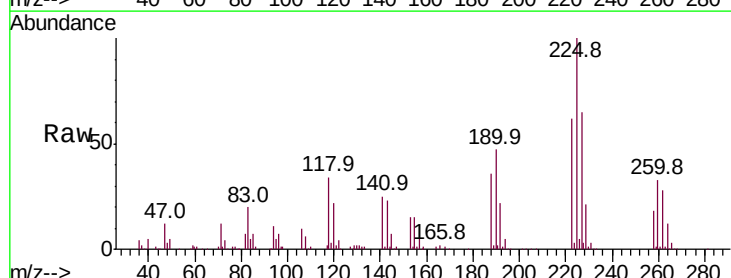
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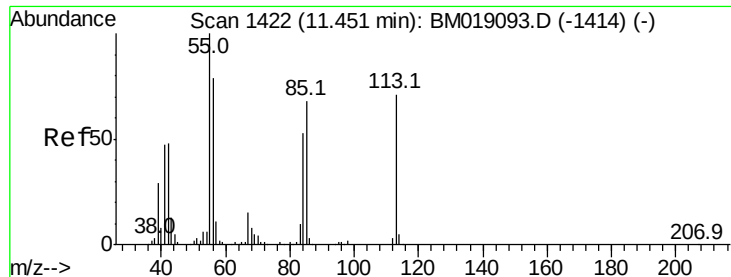
Sohil
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#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.9	49.4	74.0
227	65.3	51.6	77.4





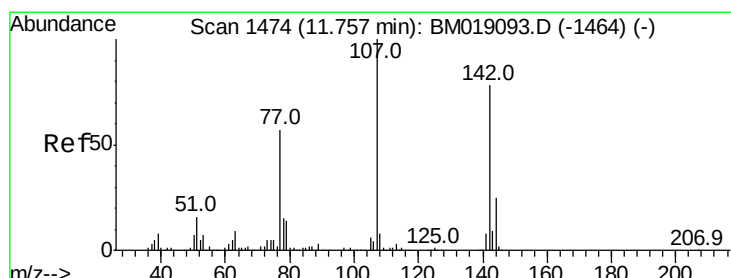
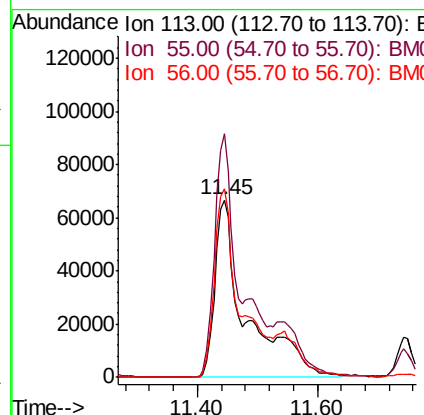
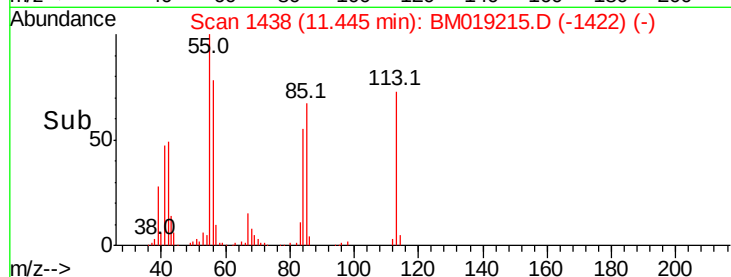
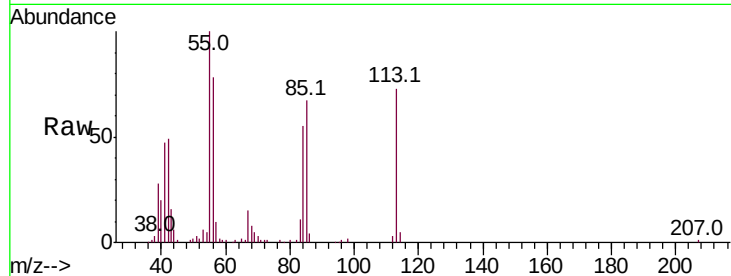
#35
Caprolactam
Concen: 47.326 ng/ml
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	242141		
55	137.5	120.1	160.1	
56	106.7	90.1	130.1	

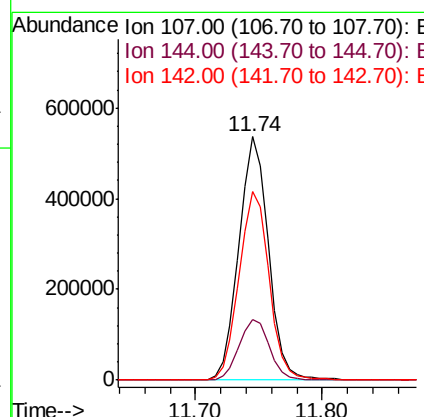
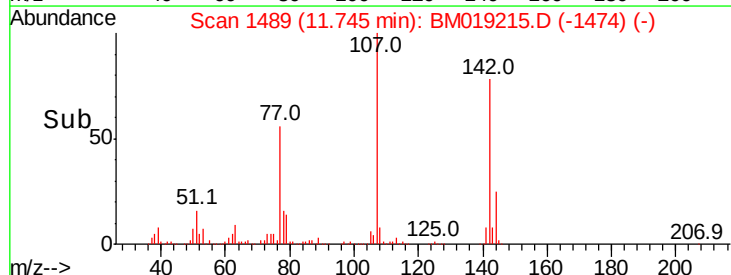
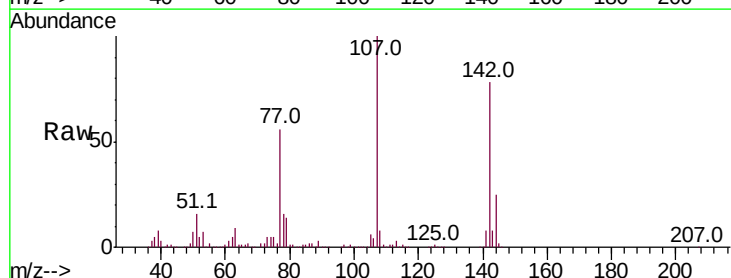
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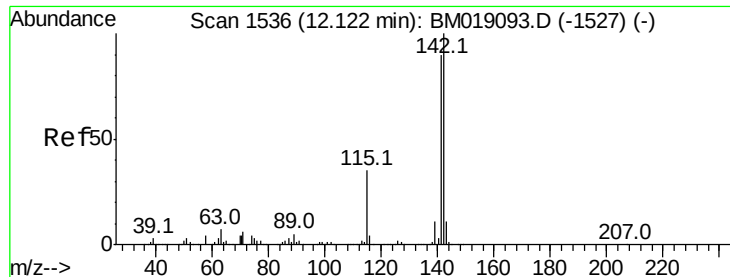
Sohil
3/19/2019 5:27:58 PM



#36
4-Chloro-3-methylphenol
Concen: 48.971 ng/ml
RT: 11.74 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	867881		
144	25.1	20.2	30.4	
142	77.5	62.4	93.6	





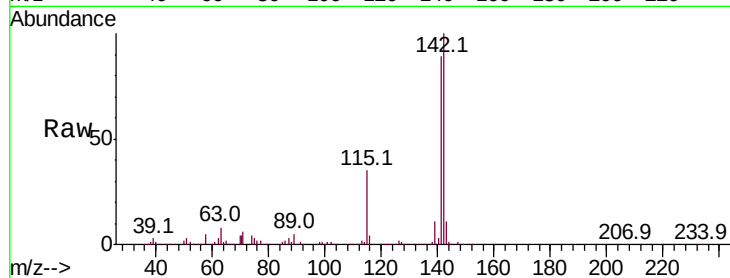
#37
2-Methylnaphthalene
Concen: 47.517 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	35.0	27.8	41.8

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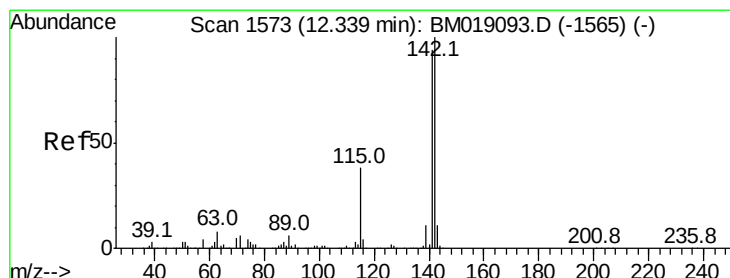
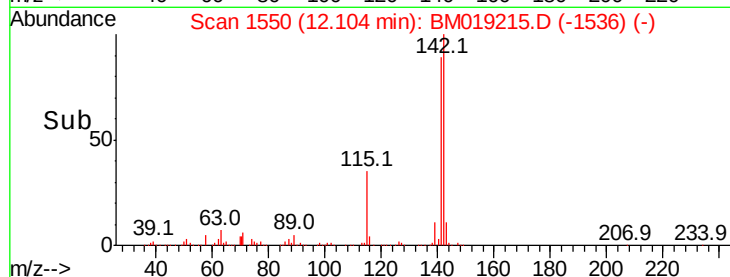
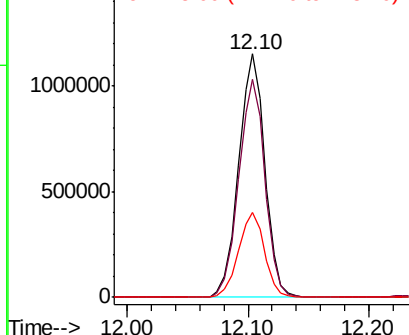


Abundance

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: 45.841 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

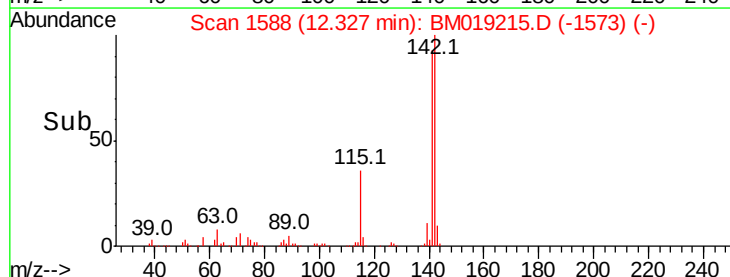
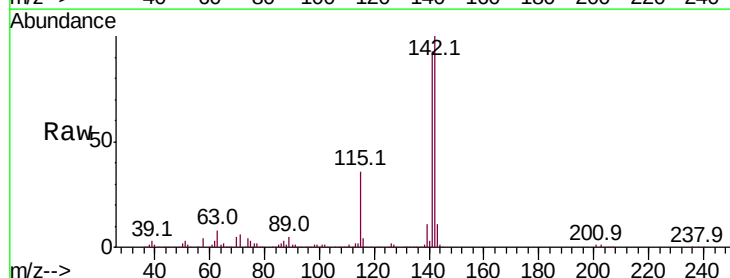
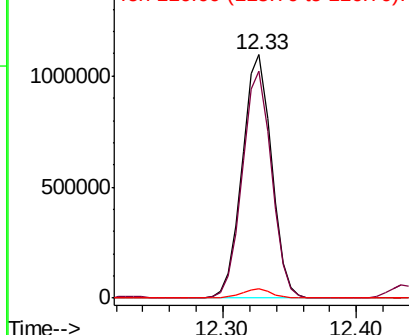
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.9	112.3
116	3.8	3.2	4.8

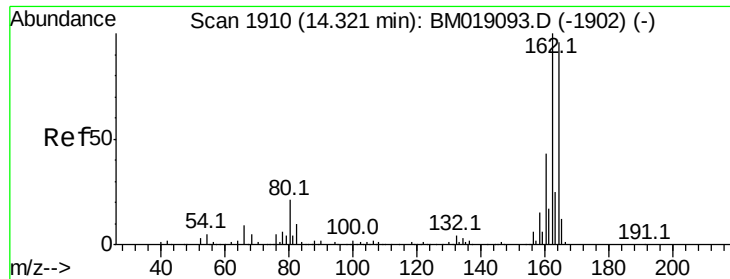
Abundance

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: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

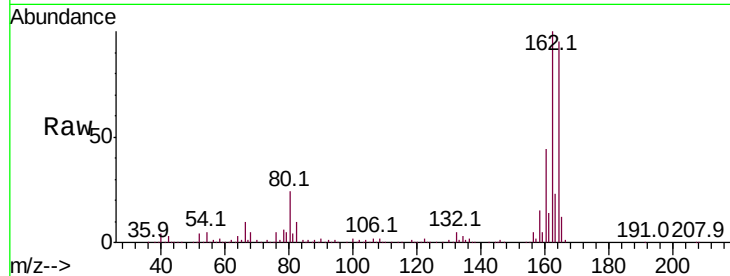
ClientSampled :

S-1MSD

Tot Ion:	164	Resp:	557888
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.5	125.3
160	46.0	36.3	54.5

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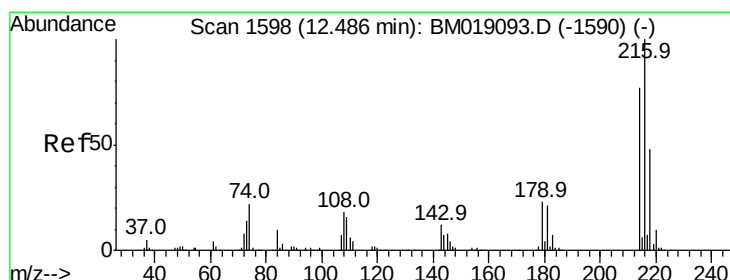
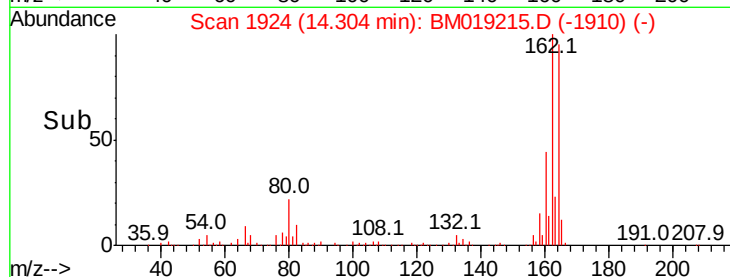
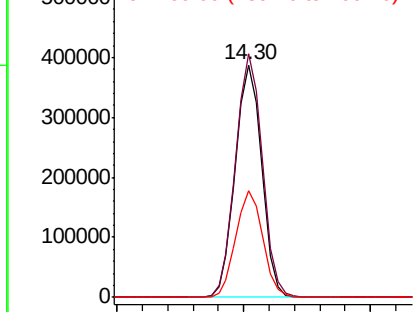


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.013 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:	216	Resp:	829657
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.9	94.3
179	22.6	18.0	27.0
108	18.4	16.2	24.4

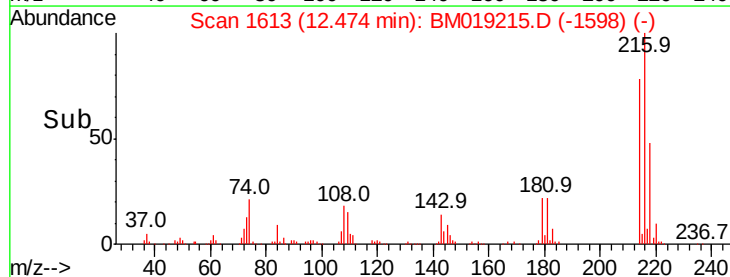
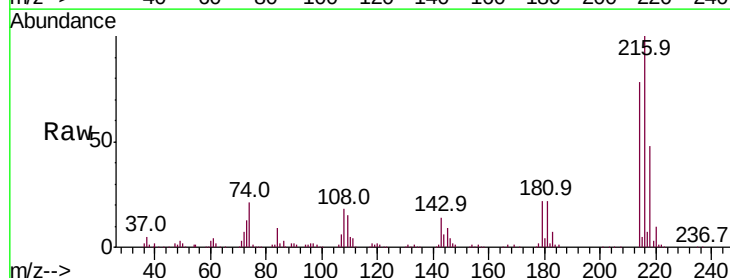
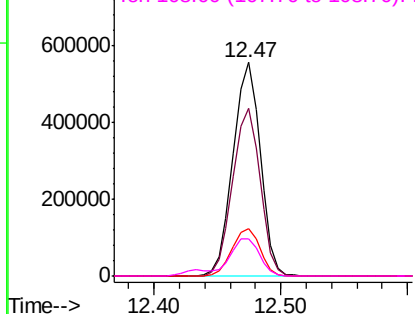
Abundance

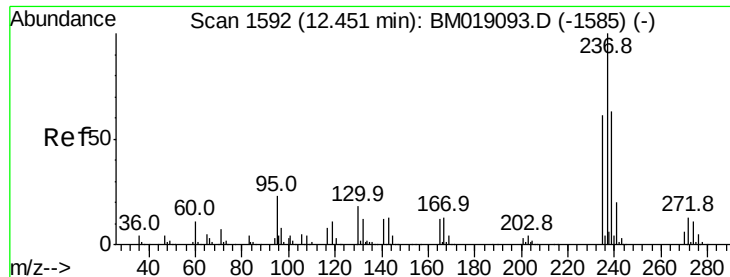
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.048 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

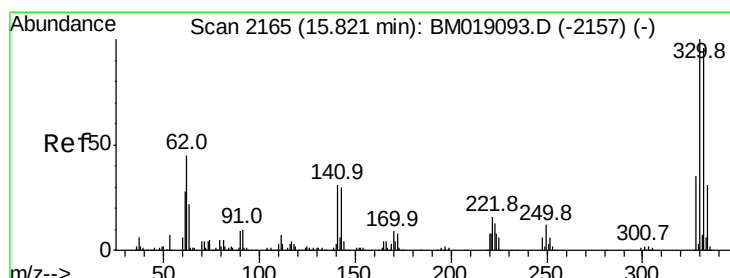
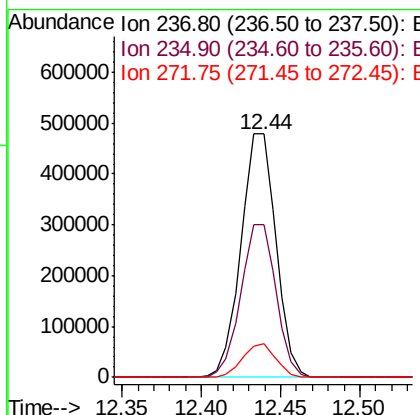
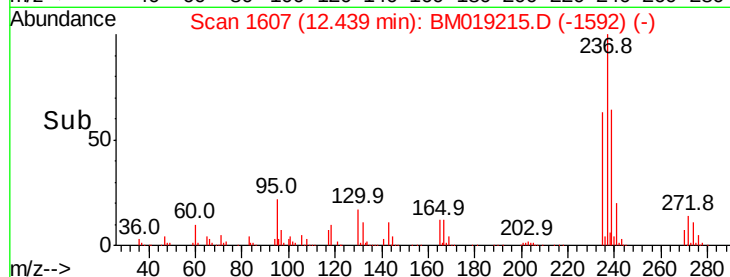
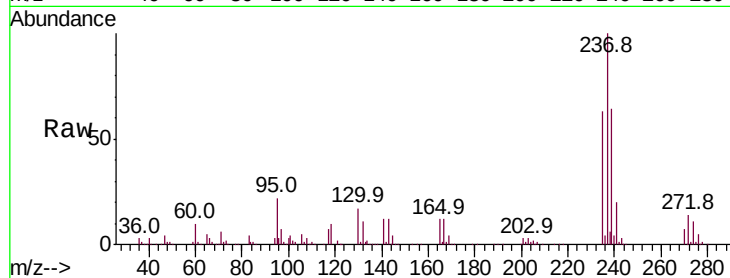
ClientSampled :

S-1MSD

Tot Ion:	237	Resp:	735794
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.3	81.3
272	13.6	0.0	33.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 164.772 ng

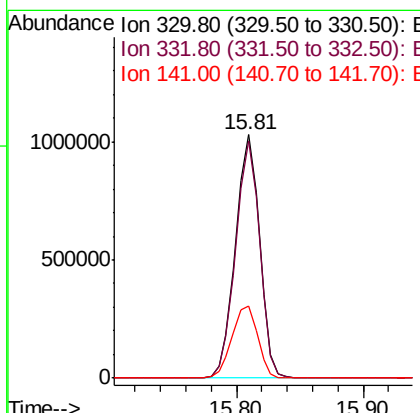
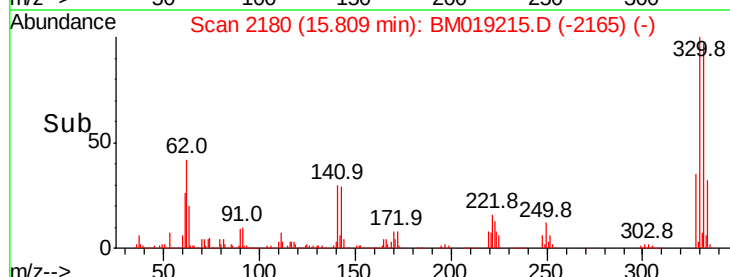
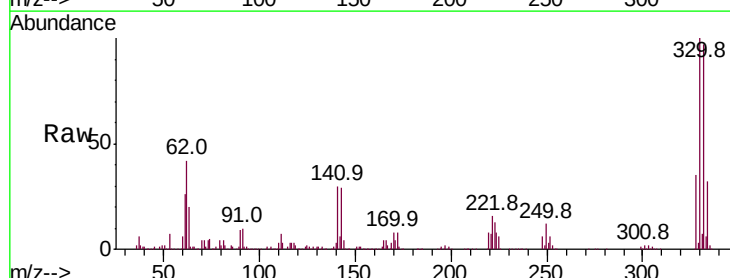
RT: 15.81 min Scan# 2180

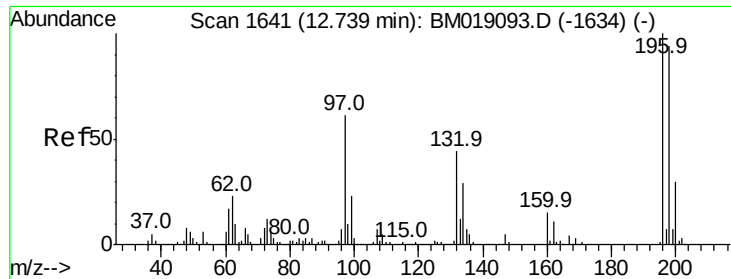
Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:	330	Resp:	1357231
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.8	115.2
141	31.7	27.0	40.4





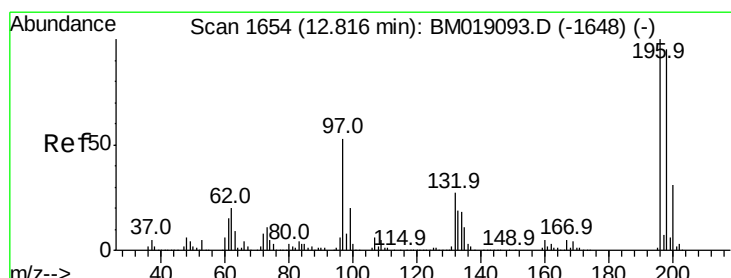
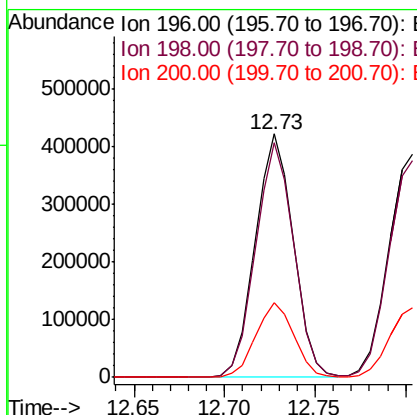
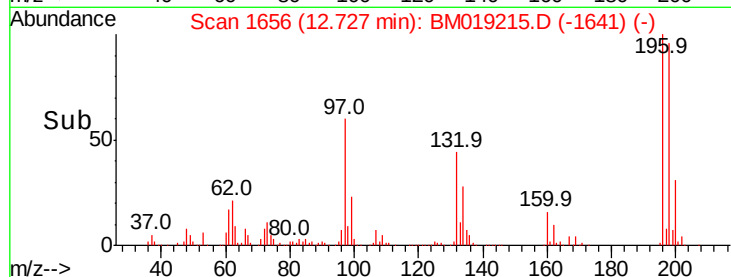
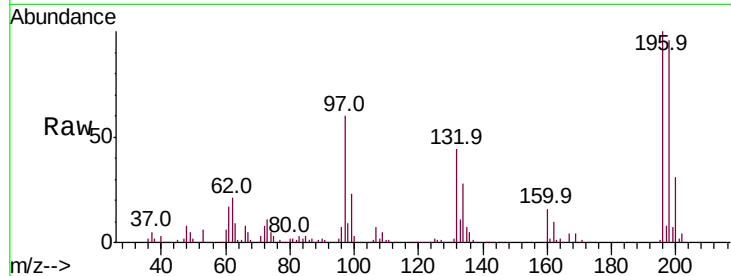
#43
 2,4,6-Trichlorophenol
 Concen: 53.954 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	615321		
198	96.2	75.4	113.0	
200	30.9	24.2	36.2	

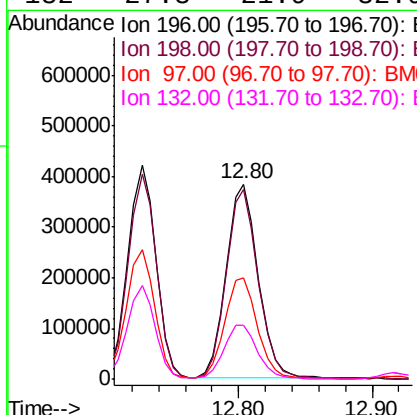
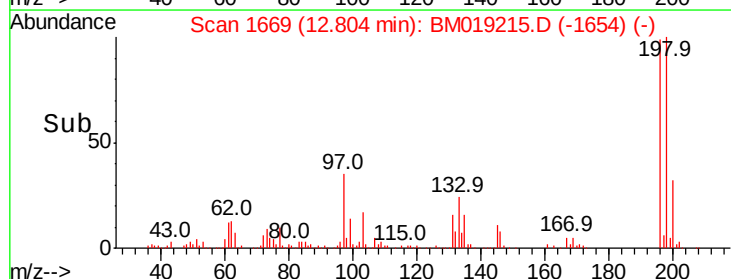
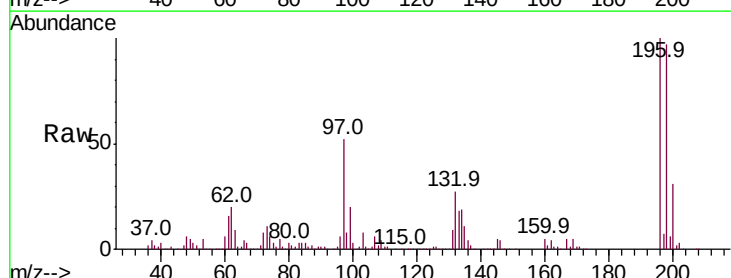
Manual Integrations
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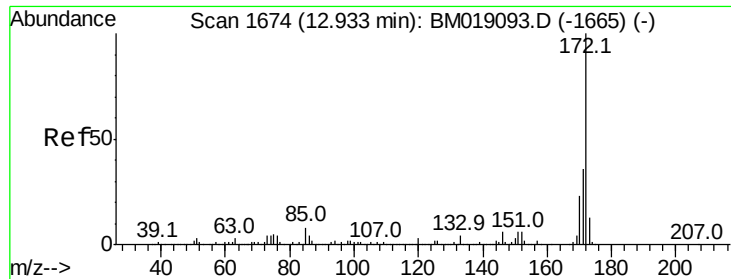
Sohil
 3/19/2019 5:27:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.581 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	641240		
198	97.2	75.9	113.9	
97	52.0	42.5	63.7	
132	27.3	21.9	32.9	





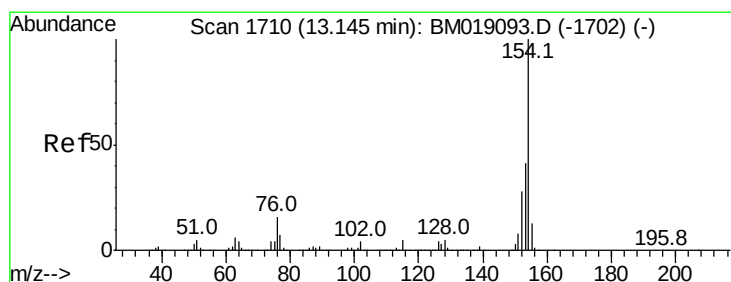
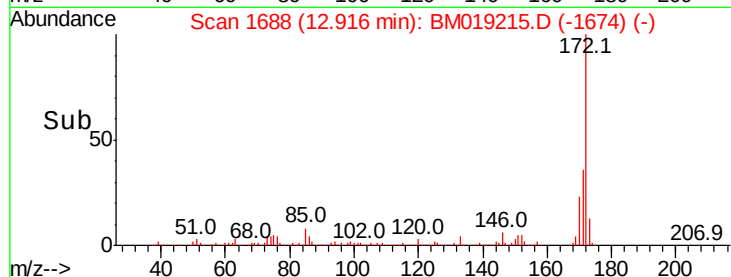
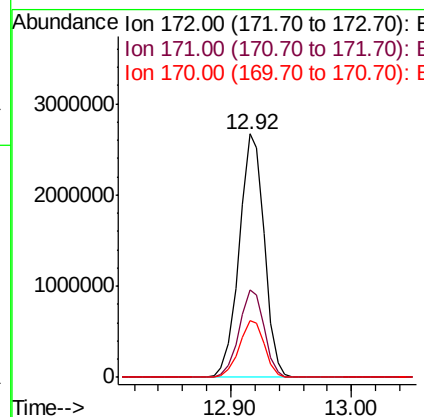
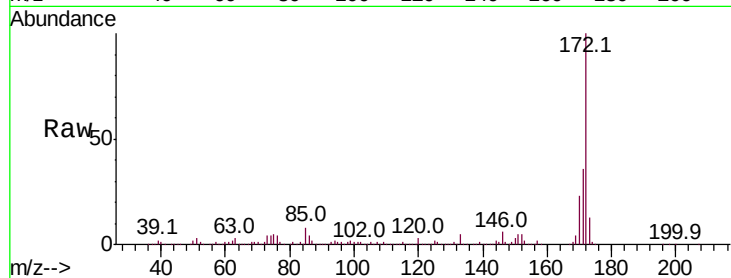
#45
2-Fluorobiphenyl
Concen: 89.937 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.6	28.0

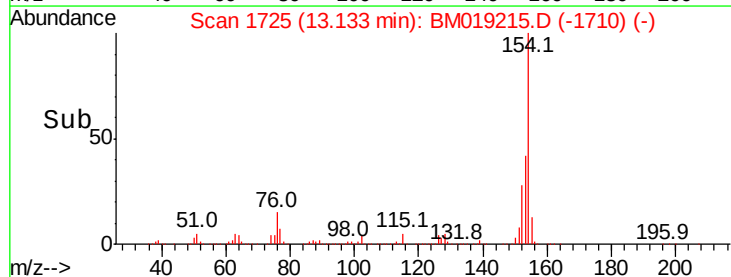
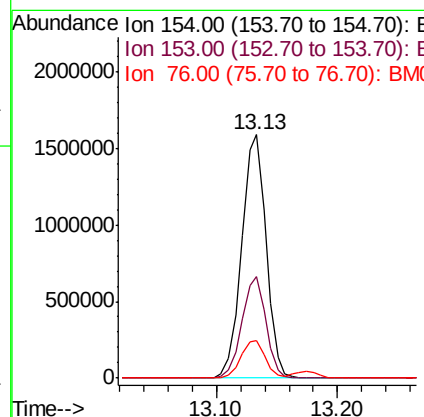
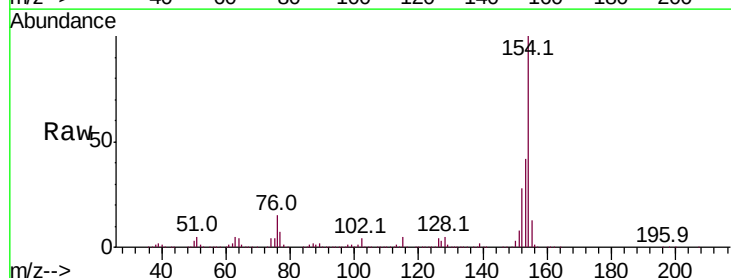
Manual Integrations
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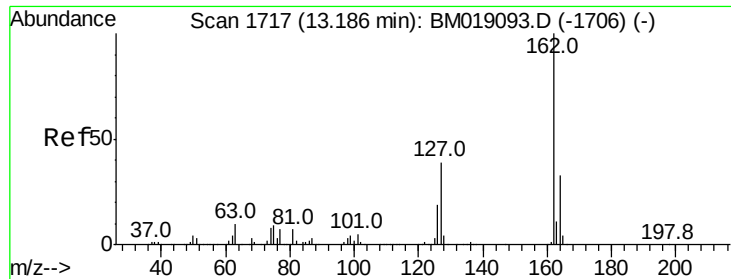
Sohil
3/19/2019 5:27:58 PM



#46
1,1'-Biphenyl
Concen: 46.021 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	15.3	0.0	35.8





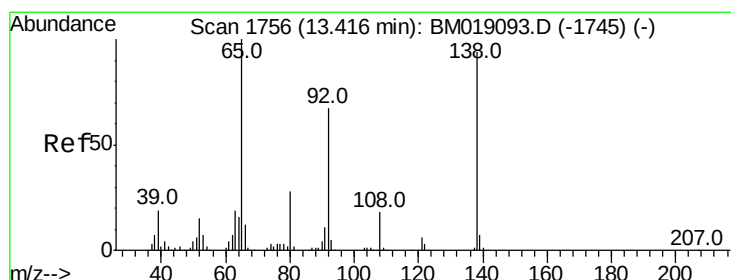
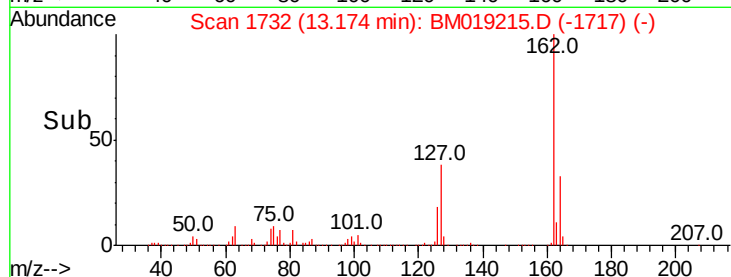
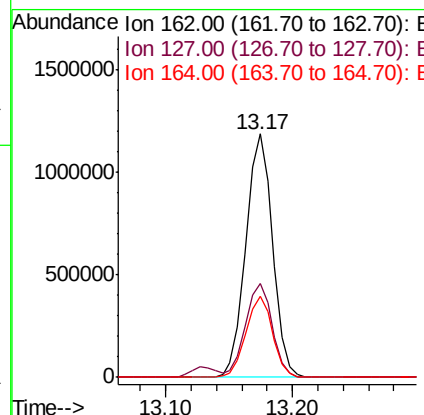
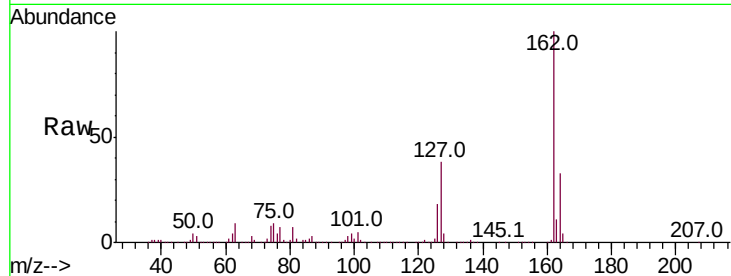
#47
2-Chloronaphthalene
Concen: 47.841 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.2	46.8
164	33.2	26.3	39.5

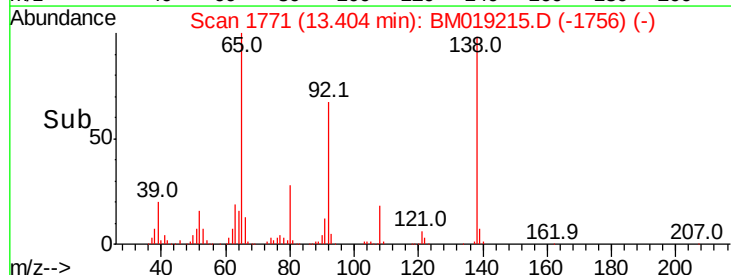
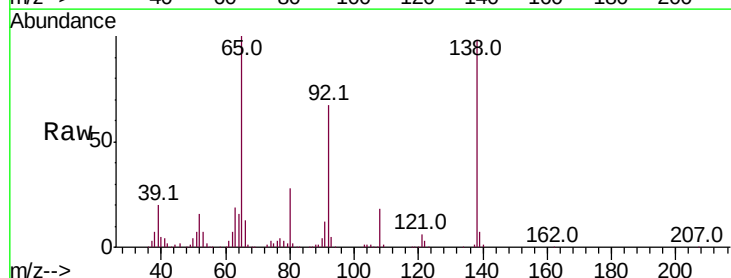
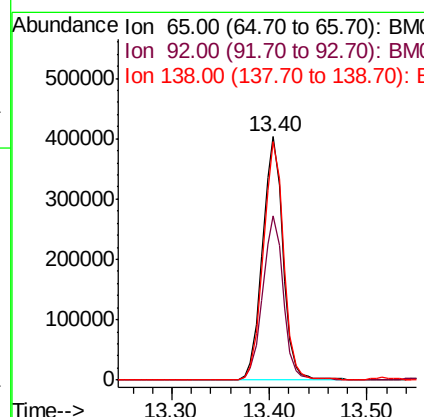
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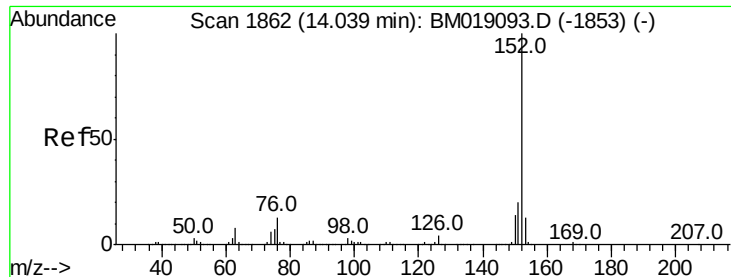
Sohil
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#48
2-Nitroaniline
Concen: 48.706 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.4	80.2
138	97.9	74.9	112.3





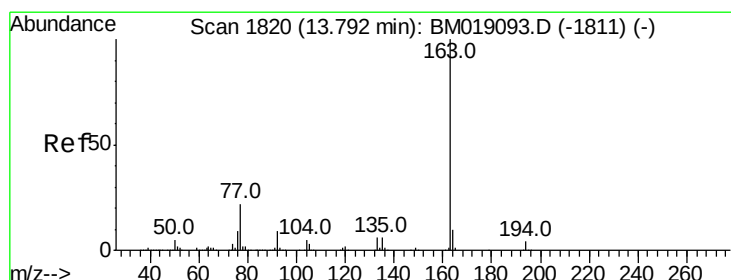
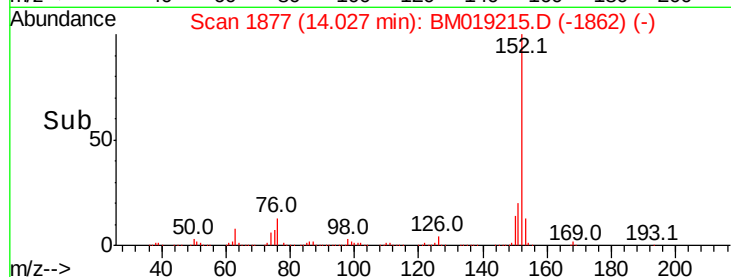
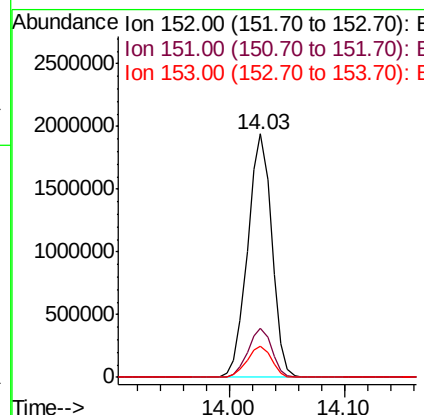
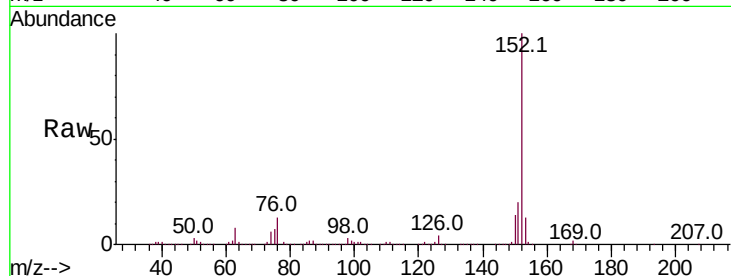
#49
Acenaphthylene
Concen: 45.877 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.0	10.6	15.8

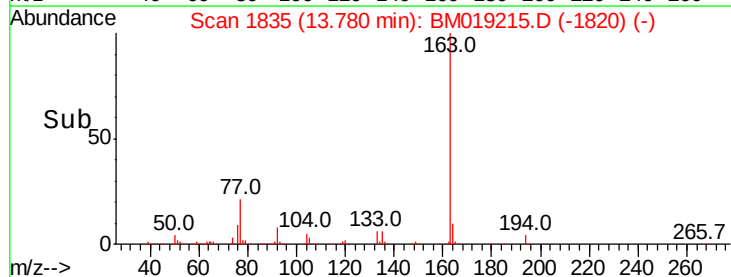
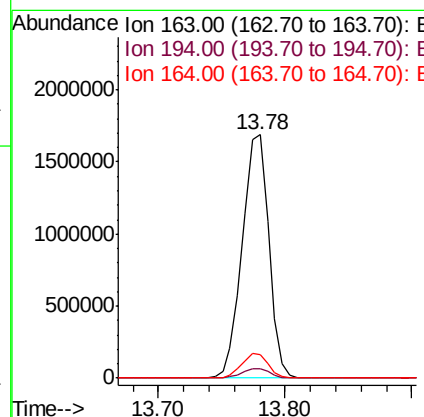
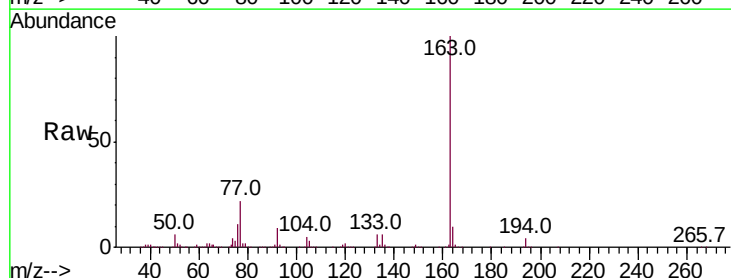
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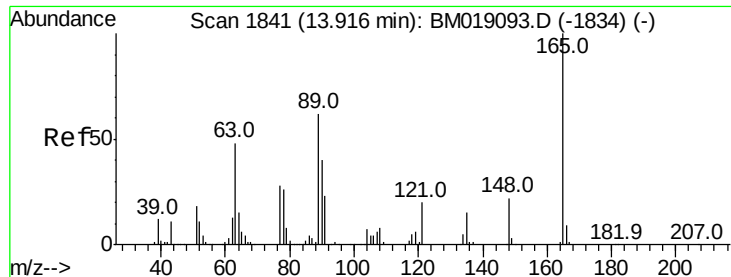
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#50
Dimethylphthalate
Concen: 51.416 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	7.7	11.5





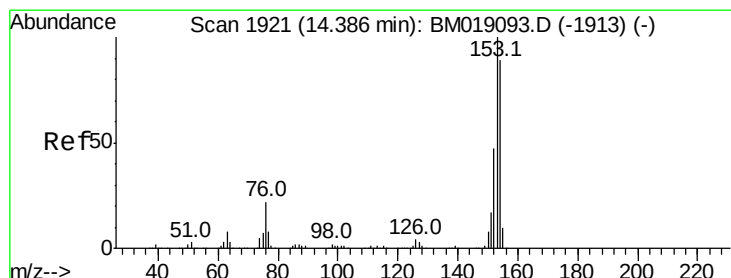
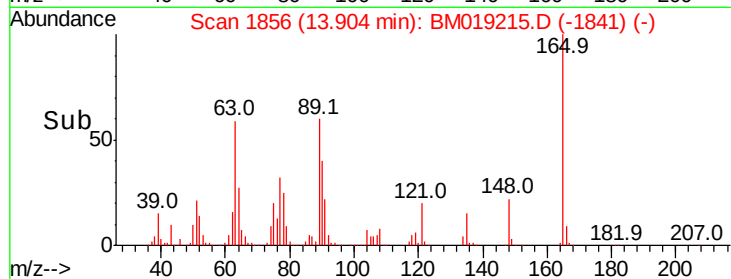
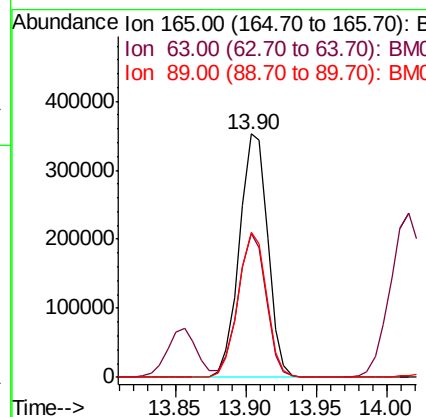
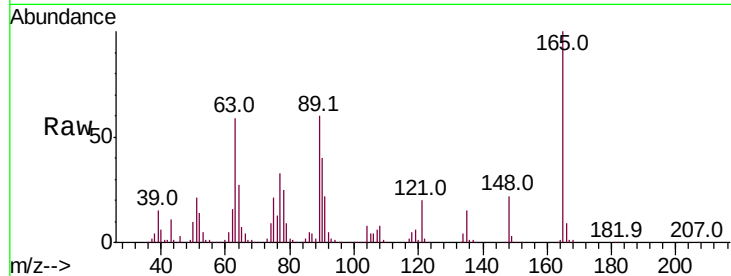
#51
2,6-Dinitrotoluene
Concen: 48.029 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	495498		
63	59.2	48.2	72.4	
89	59.8	49.3	73.9	

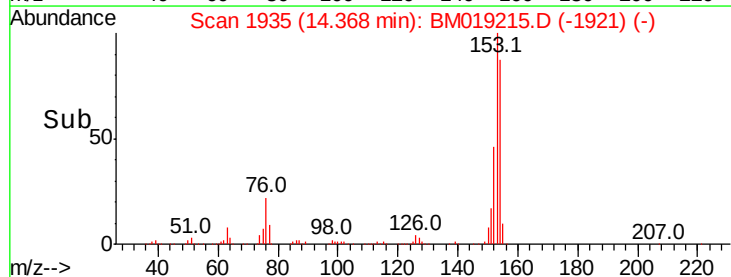
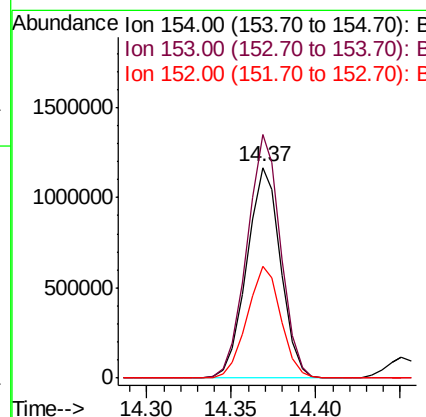
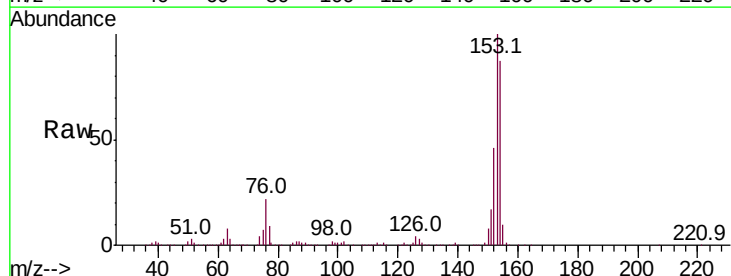
Manual Integrations
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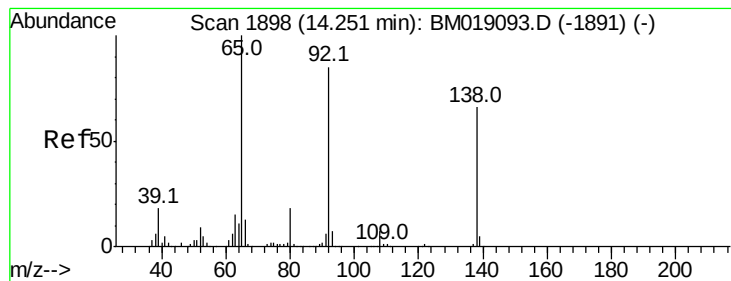
Sohil
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#52
Acenaphthene
Concen: 46.079 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1628111		
153	115.5	90.1	135.1	
152	53.2	42.5	63.7	





#53

3-Nitroaniline

Concen: 16.845 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

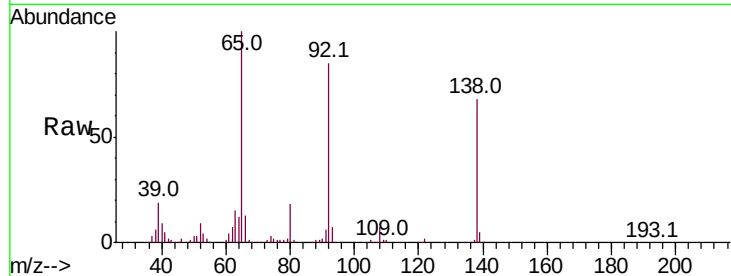
ClientSampleId :

S-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	125.7	102.6	153.8

Manual Integrations
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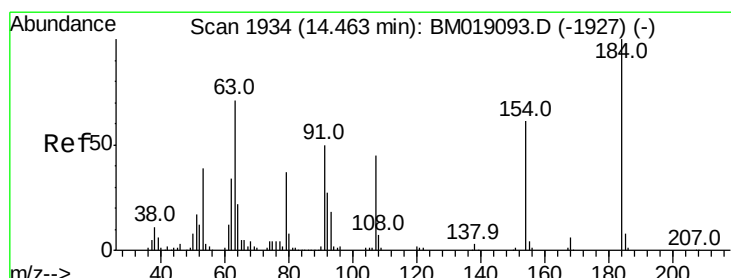
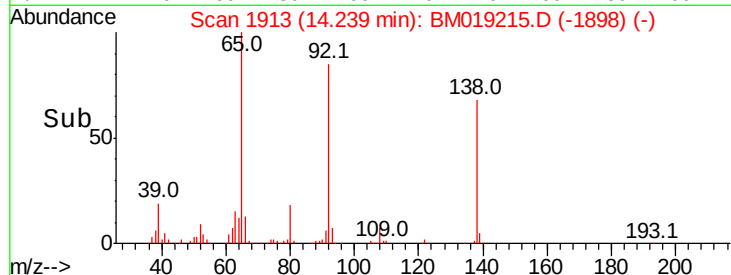
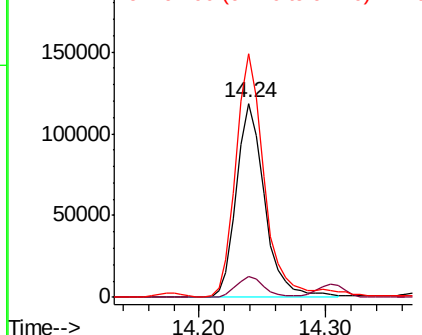


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 46.025 ng

RT: 14.45 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

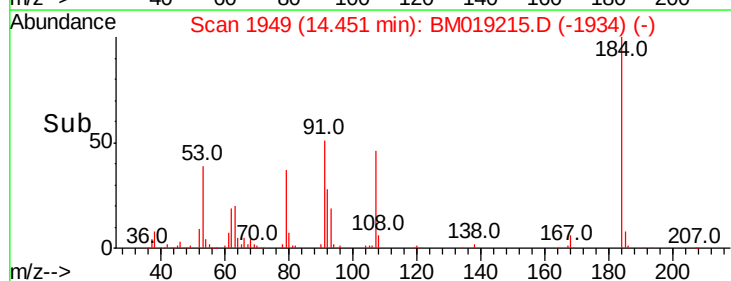
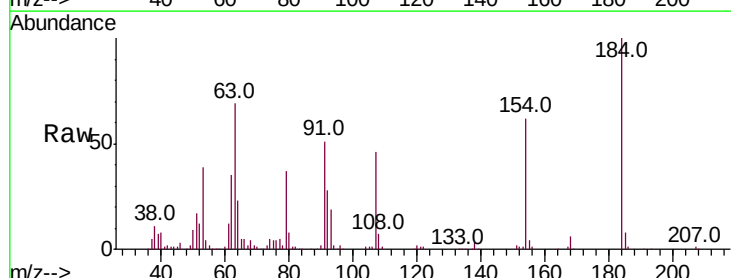
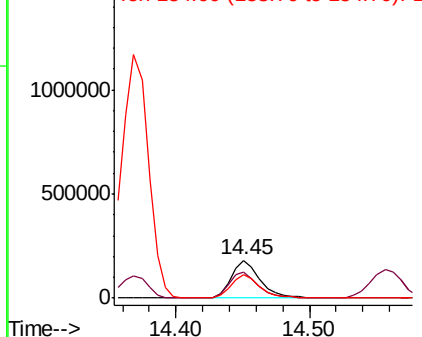
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	56.7	85.1
154	62.3	49.3	73.9

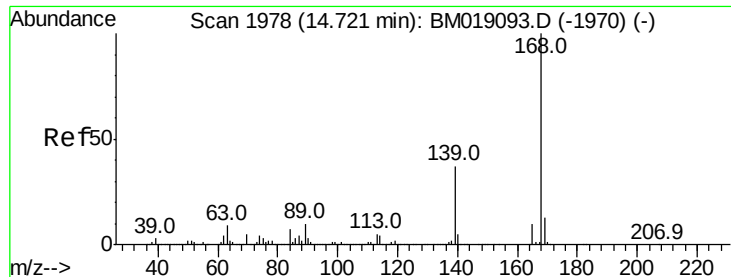
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





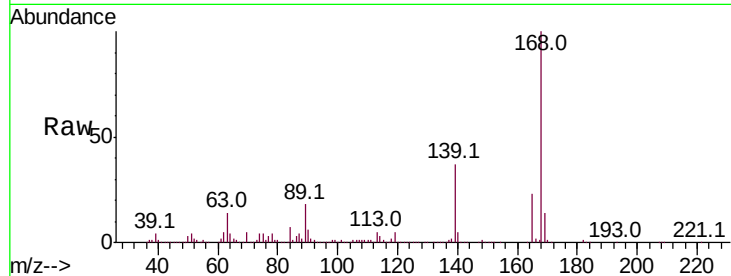
#55
Dibenzofuran
Concen: 46.517 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.6	10.6	16.0

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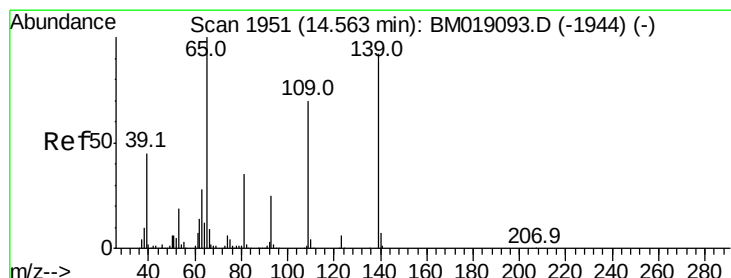
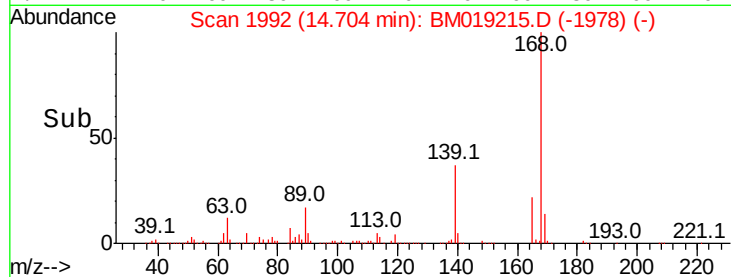
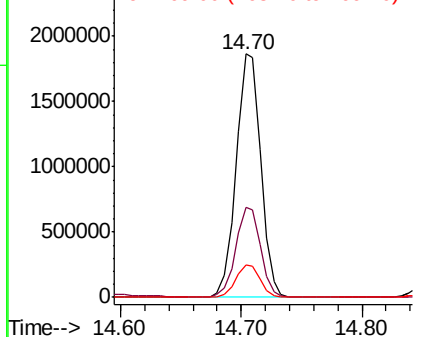


Abundance

Ion 168.00 (167.70 to 168.70): E

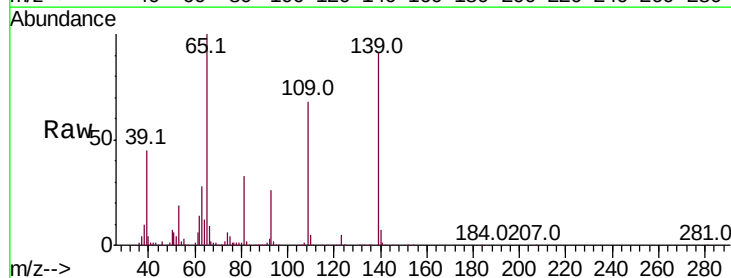
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.549 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	56.3	96.3
65	109.8	89.2	129.2

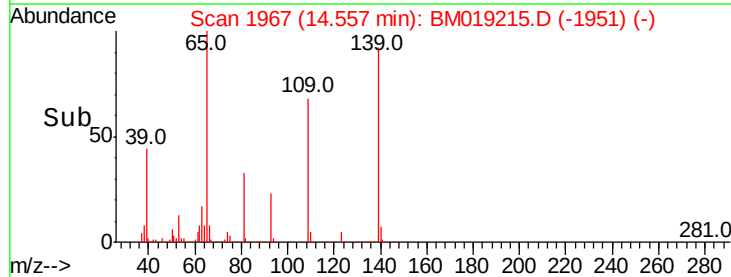
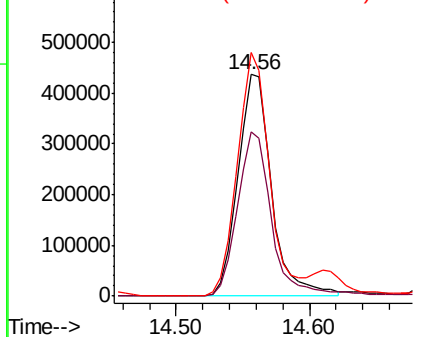


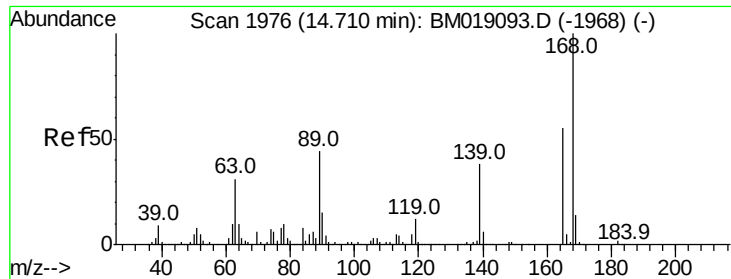
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





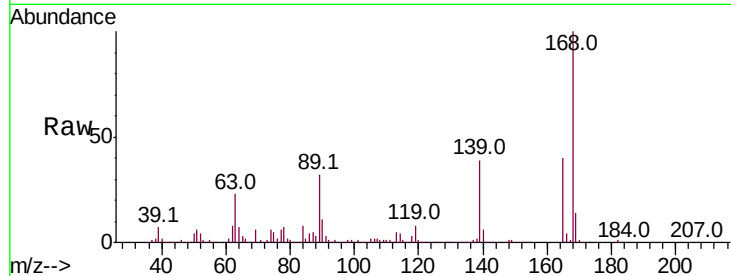
#57
 2,4-Dinitrotoluene
 Concen: 46.691 ng
 RT: 14.70 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	699223		
63	56.8		44.7	67.1
89	80.8		63.4	95.2
182	2.8		2.3	3.5

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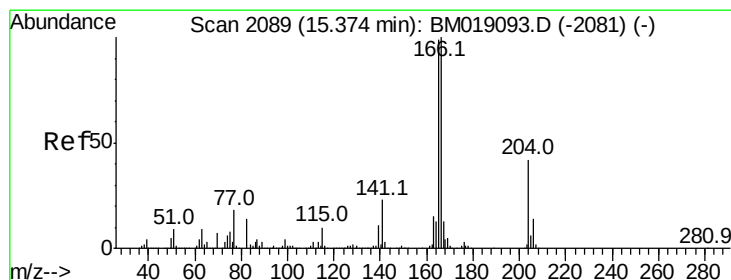
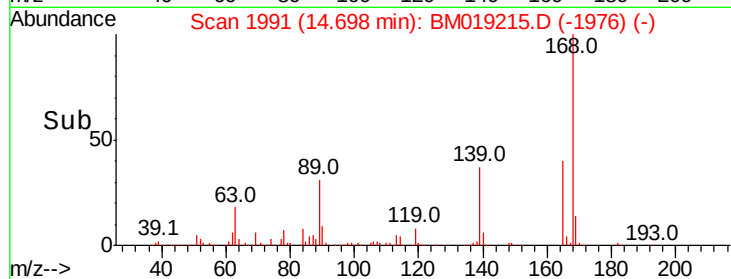
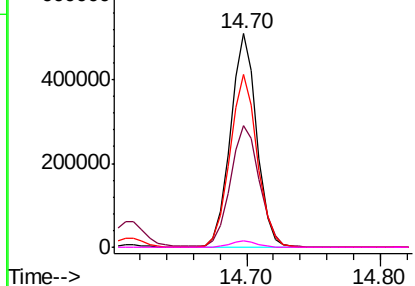
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

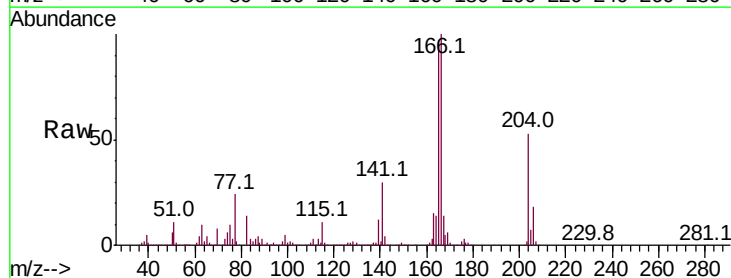
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.011 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2161066		
165	97.2		79.0	118.4
167	13.7		10.8	16.2

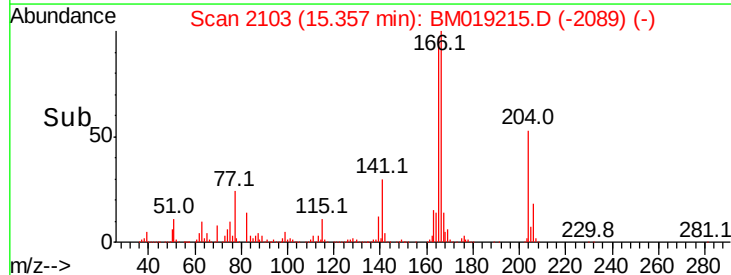
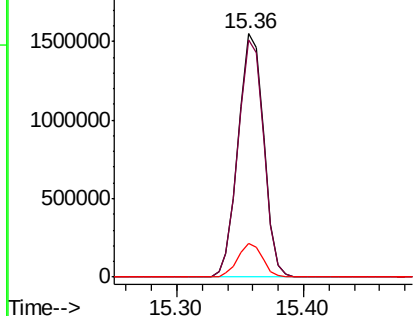


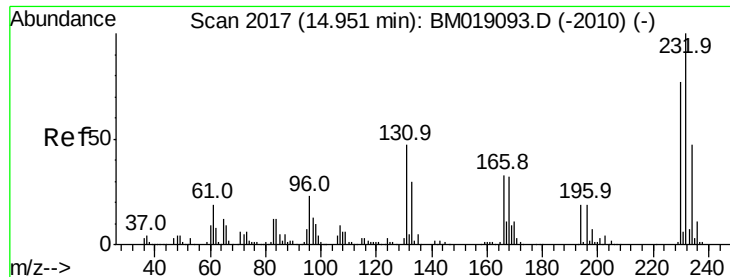
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





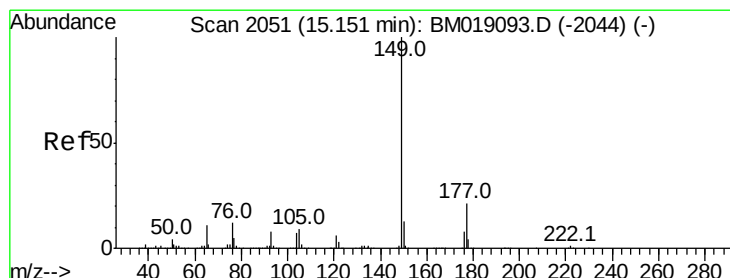
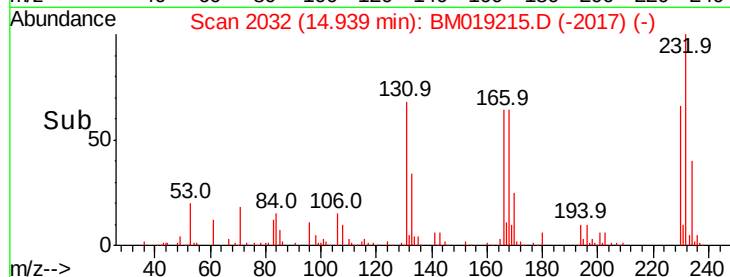
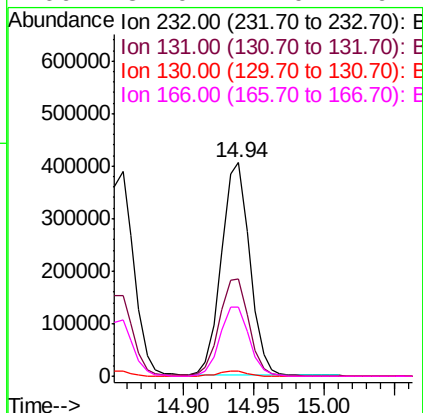
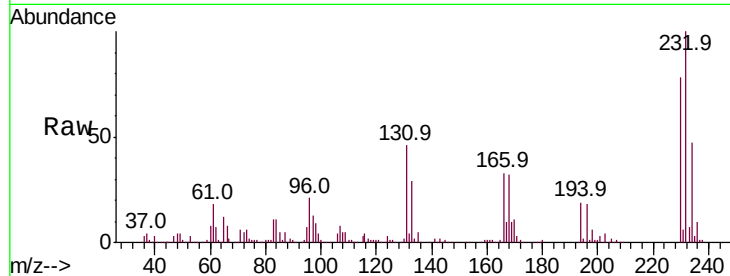
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.021 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	567896		
131	47.1		38.2	57.2
130	2.4		1.9	2.9
166	34.0		27.0	40.4

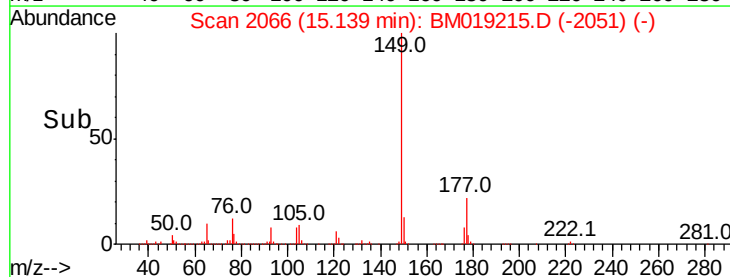
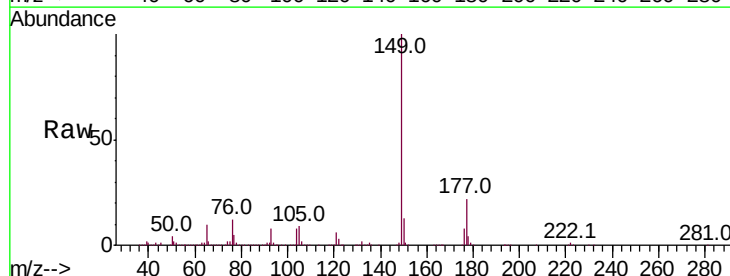
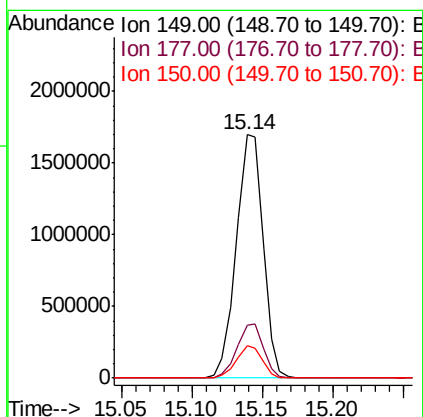
Manual Integrations
 APPROVED

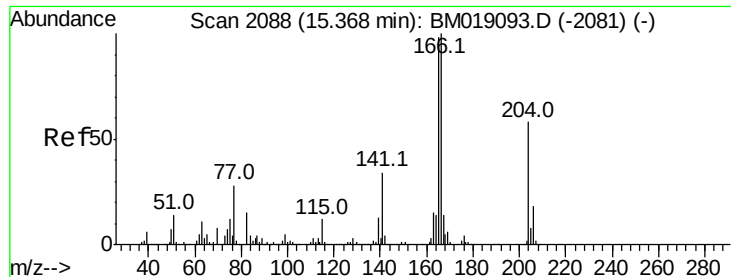
Sohil
 3/19/2019 5:27:58 PM



#60
 Diethylphthalate
 Concen: 46.579 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2251390		
177	21.9		17.0	25.6
150	13.1		10.2	15.4





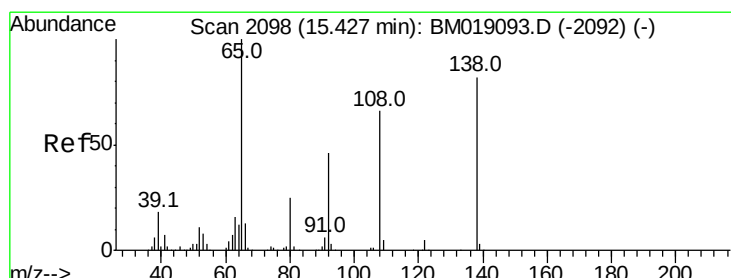
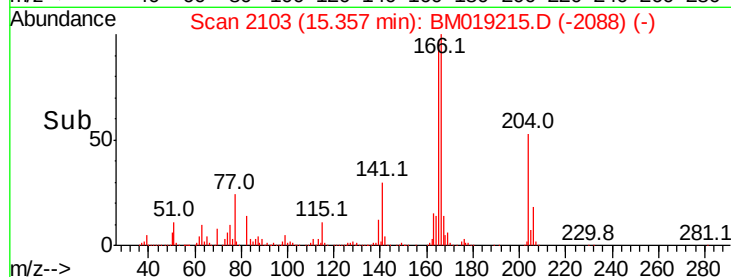
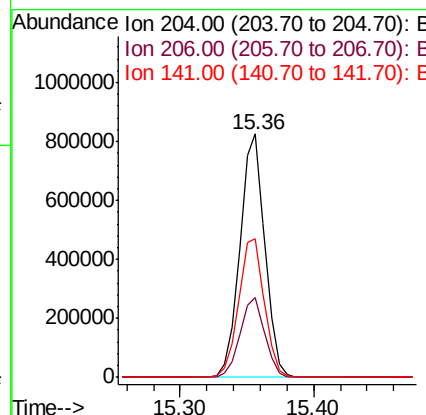
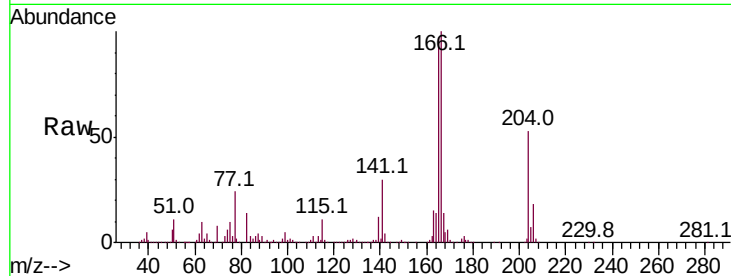
#61
4-Chlorophenyl-phenylether
Concen: 46.722 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.5	38.3
141	56.8	47.8	71.8

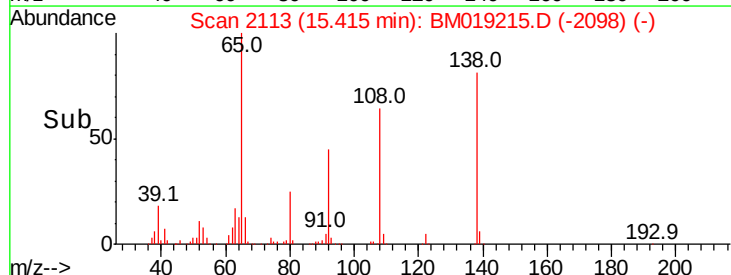
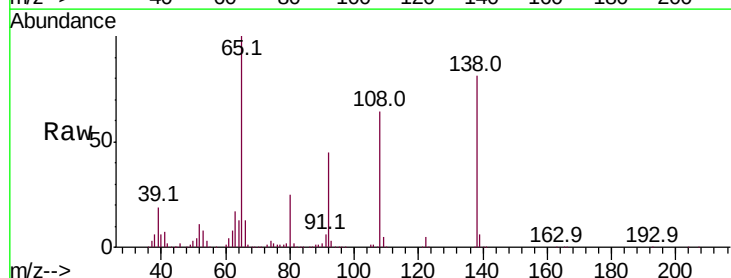
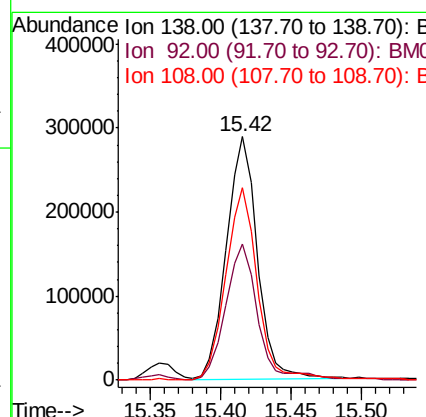
Manual Integrations
APPROVED

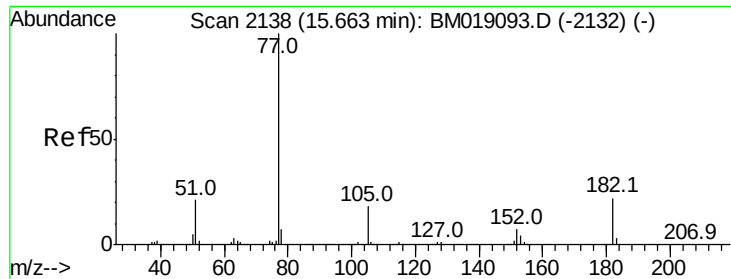
Sohil
3/19/2019 5:27:58 PM



#62
4-Nitroaniline
Concen: 39.881 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	36.2	76.2
108	78.8	59.7	99.7





#63

Azobenzene

Concen: 45.924 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

Tot Ion: 77 Resp: 2335795

Ion Ratio Lower Upper

77 100

182 23.1 1.8 41.8

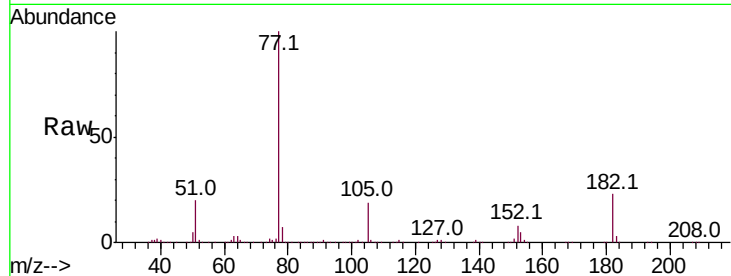
105 18.6 0.0 38.3

51 20.4 0.8 40.8

Manual Integrations
APPROVED

Sohil

3/19/2019 5:27:58 PM

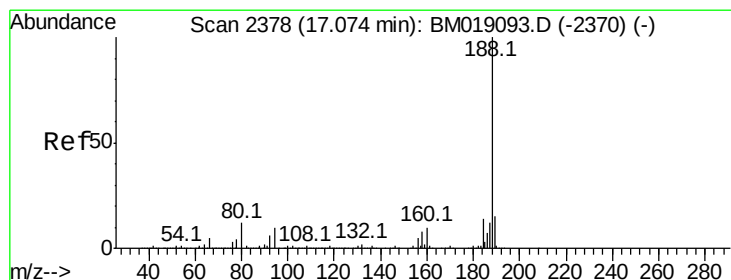
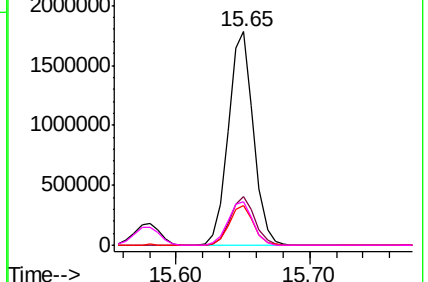
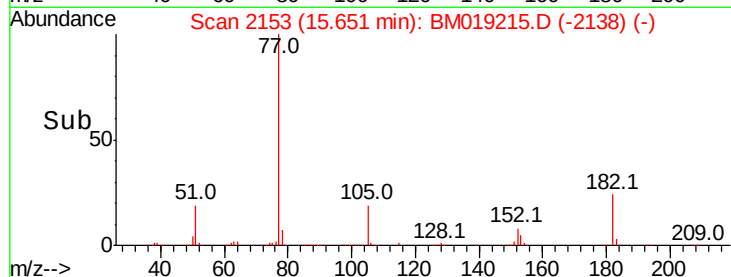


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

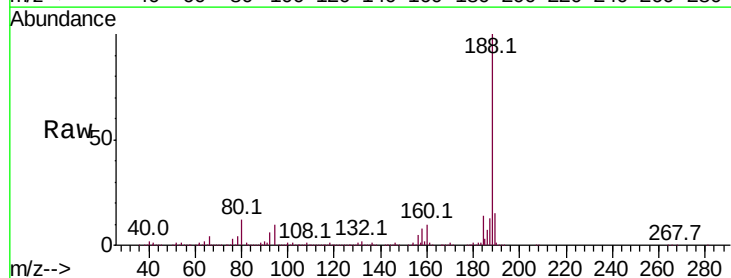
Tgt Ion: 188 Resp: 1184905

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

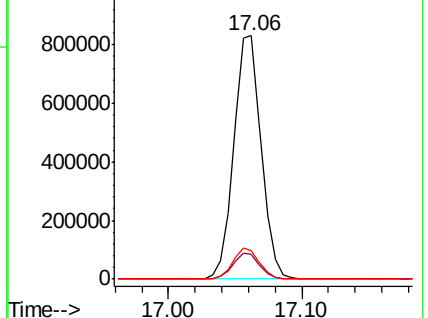
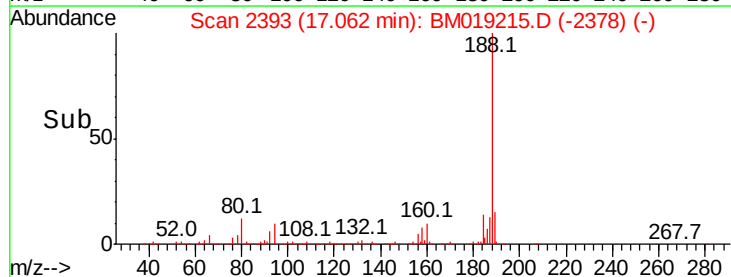
80 11.8 9.7 14.5

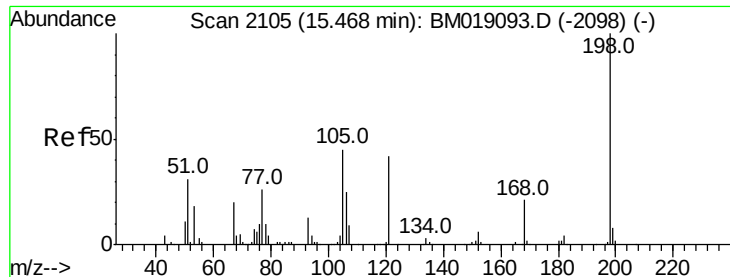


Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)





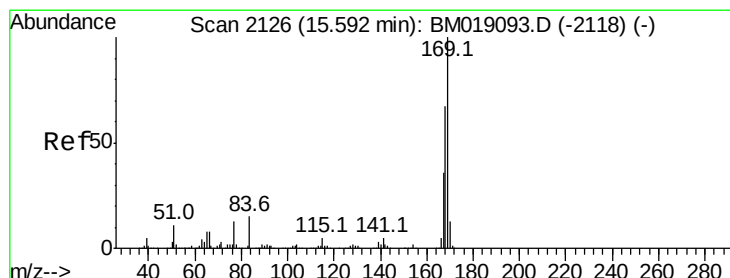
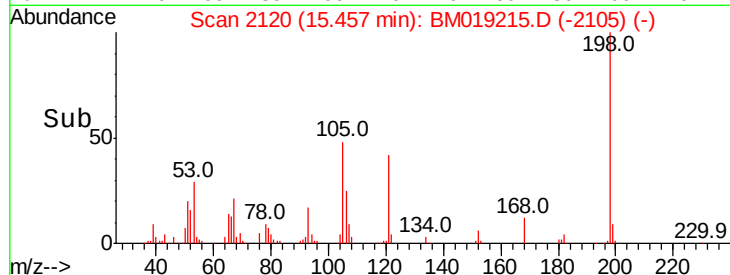
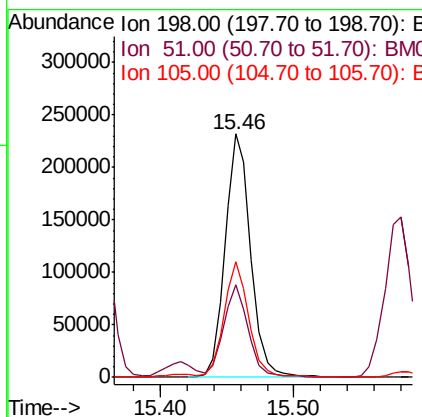
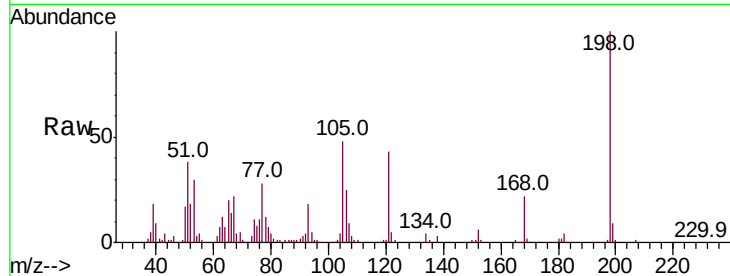
#65
4,6-Dinitro-2-methylphenol
Concen: 40.018 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	310727		
51	38.0		17.3	57.3
105	47.6		26.2	66.2

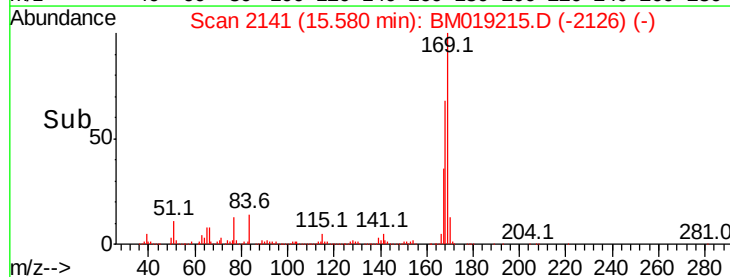
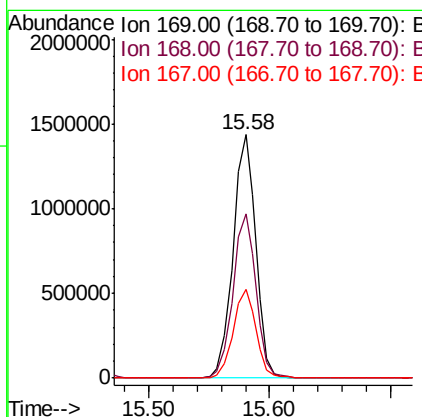
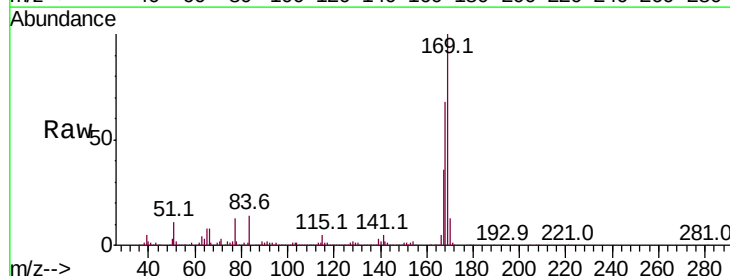
Manual Integrations
APPROVED

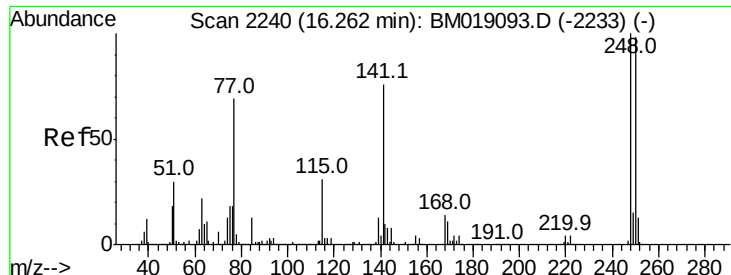
Sohil
3/19/2019 5:27:58 PM



#66
n-Nitrosodiphenylamine
Concen: 49.747 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1876636		
168	67.7		53.9	80.9
167	36.3		28.8	43.2





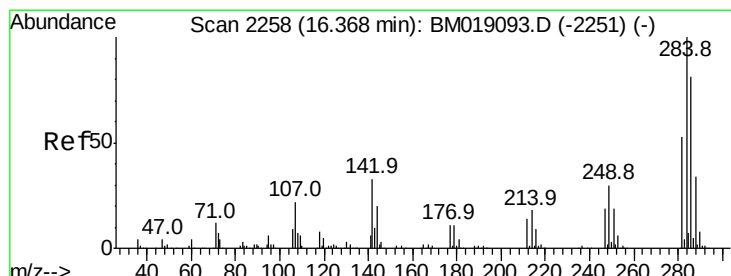
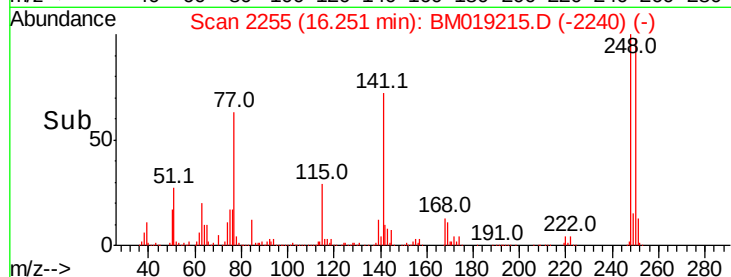
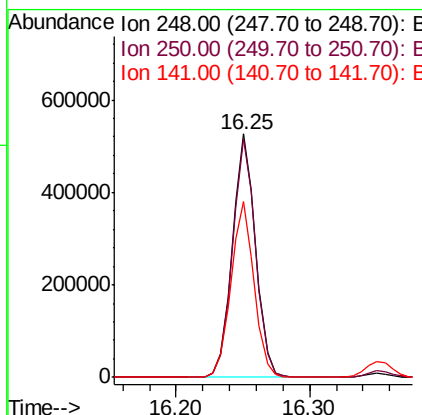
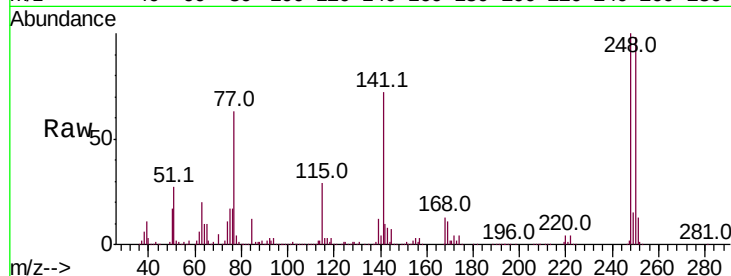
#67
4-Bromophenyl-phenylether
Concen: 48.883 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.0	117.0
141	72.0	61.0	91.4

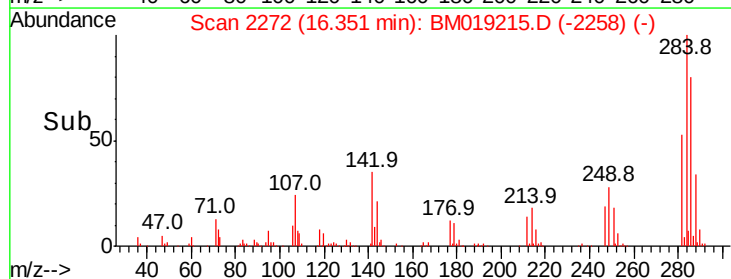
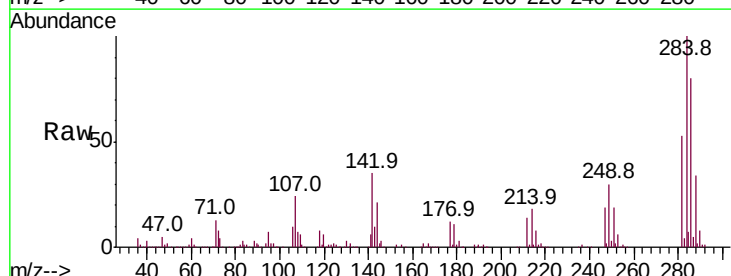
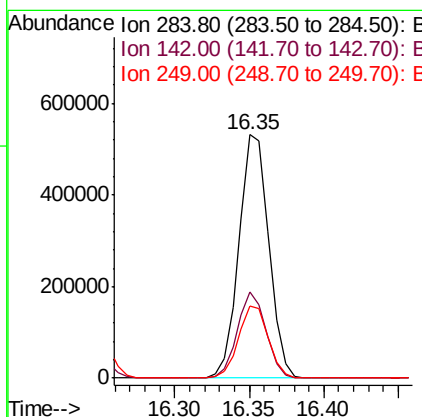
Manual Integrations
APPROVED

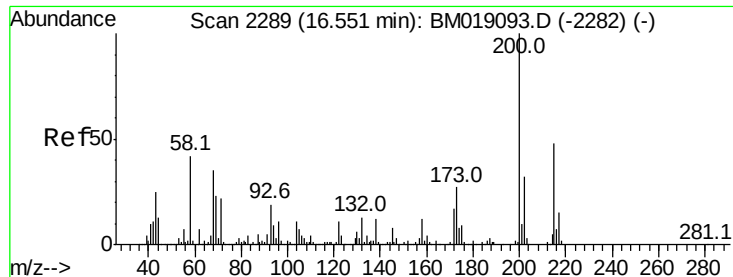
Sohil
3/19/2019 5:27:58 PM



#68
Hexachlorobenzene
Concen: 47.555 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.3	39.5
249	29.8	24.1	36.1





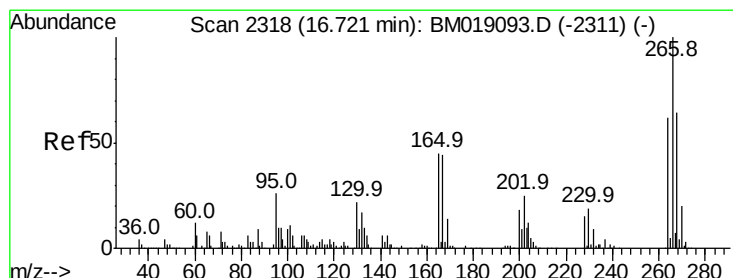
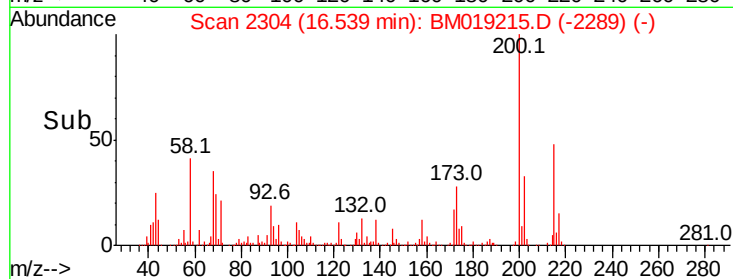
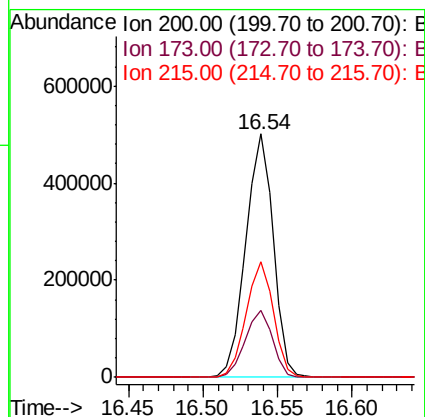
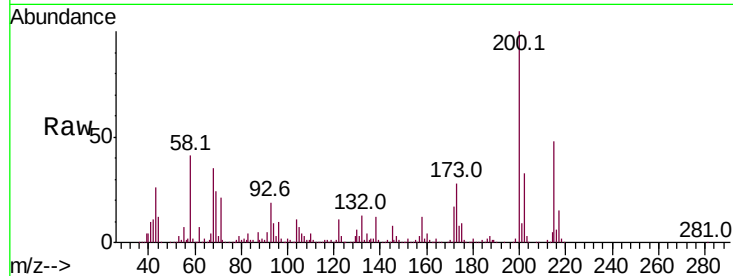
#69
Atrazine
Concen: 50.297 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	7.0	47.0
215	47.7	27.7	67.7

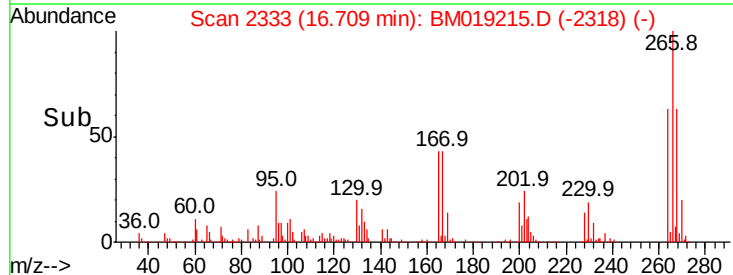
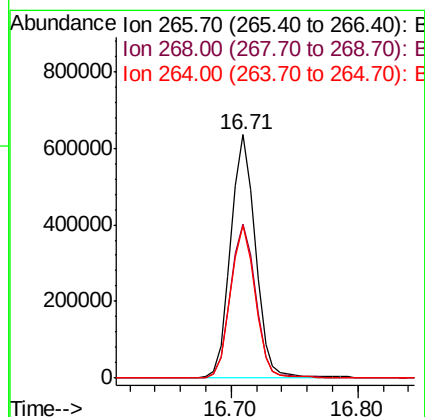
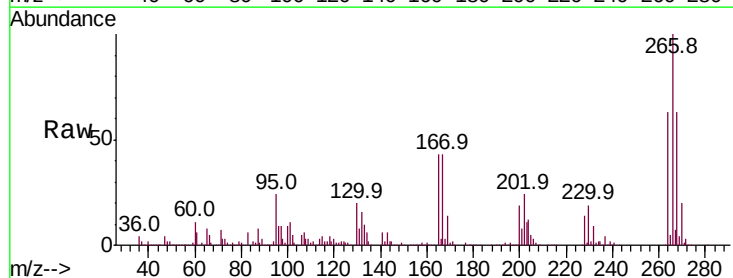
Manual Integrations
APPROVED

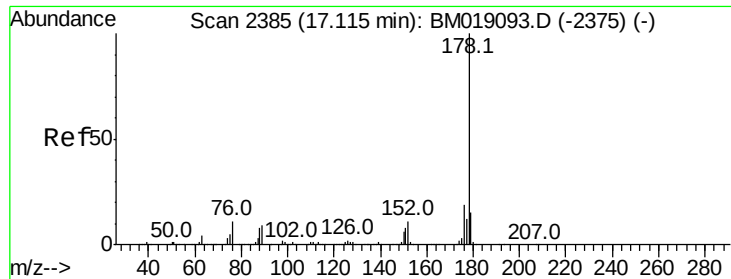
Sohil
3/19/2019 5:27:58 PM



#70
Pentachlorophenol
Concen: 91.677 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.3	76.9
264	62.7	50.0	75.0





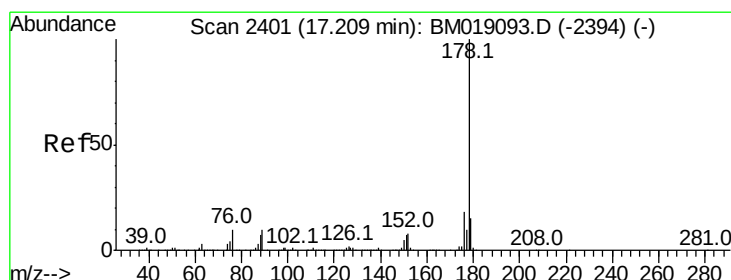
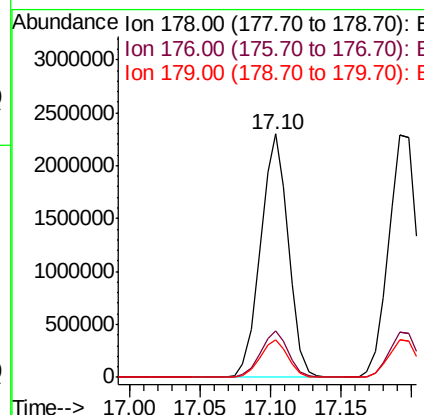
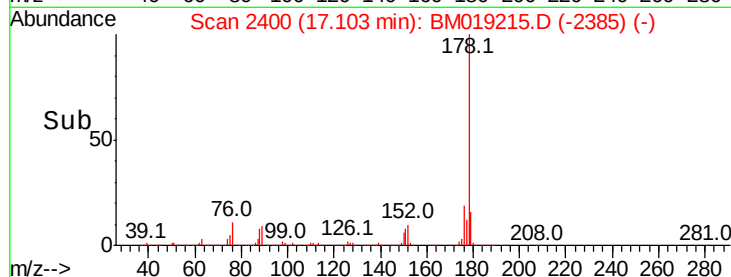
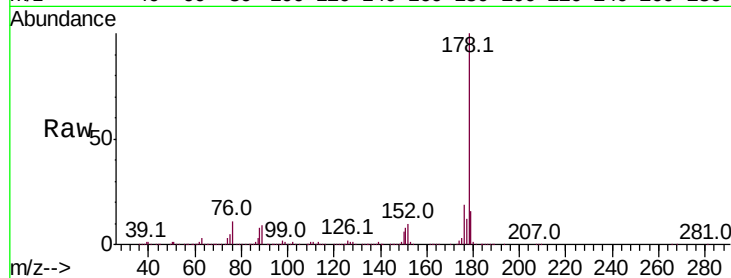
#71
Phenanthrene
Concen: 45.657 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion:178 Resp: 3170962
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.2 18.2

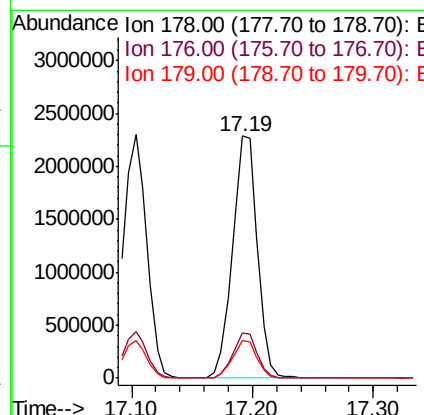
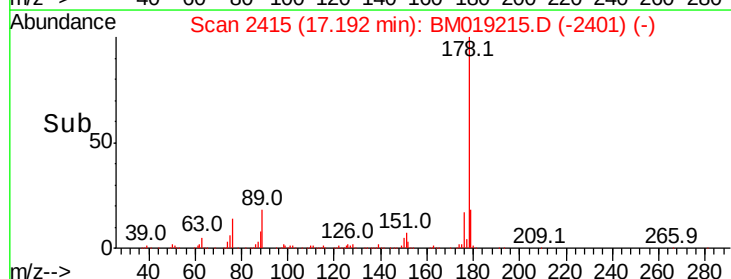
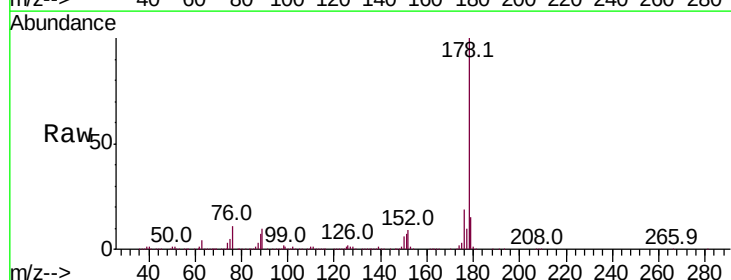
Manual Integrations
APPROVED

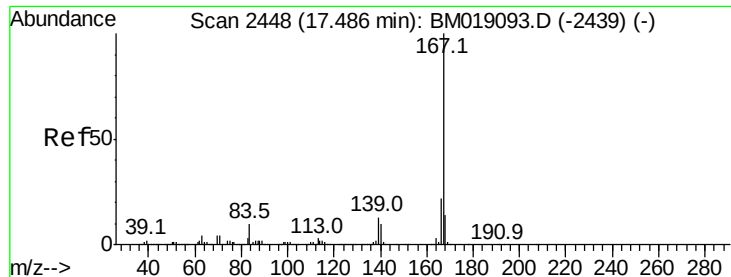
Sohil
3/19/2019 5:27:58 PM



#72
Anthracene
Concen: 47.786 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:178 Resp: 3249010
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.5 11.9 17.9





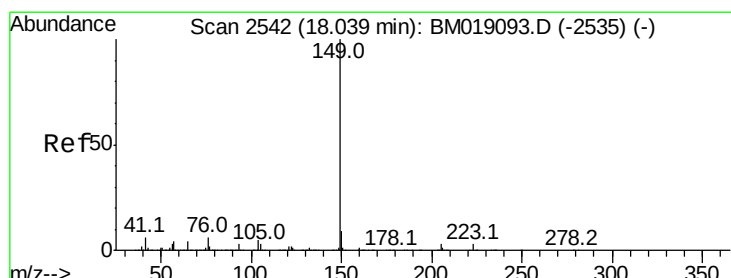
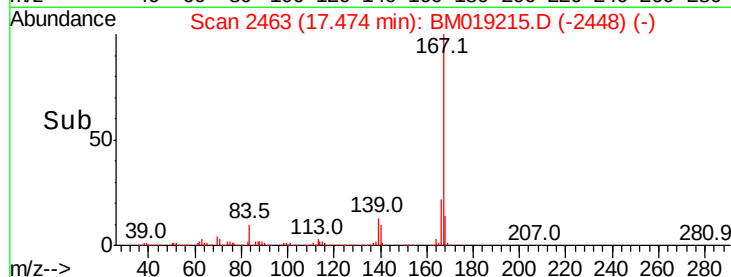
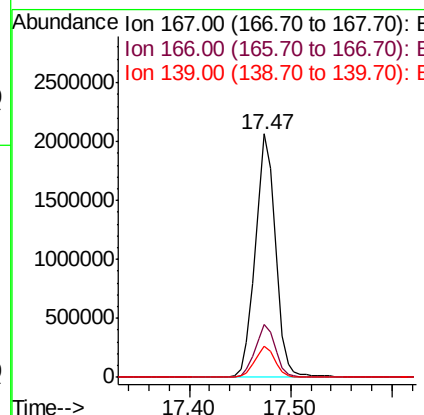
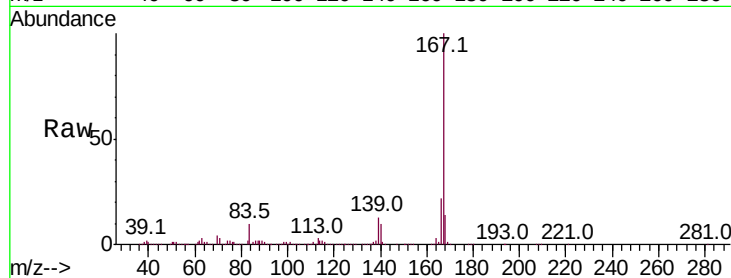
#73
 Carbazole
 Concen: 44.677 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	12.9	10.5	15.7

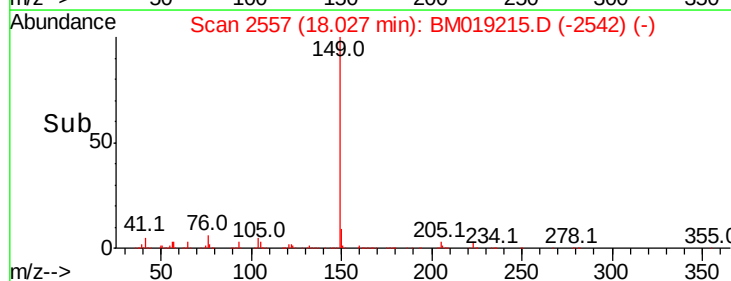
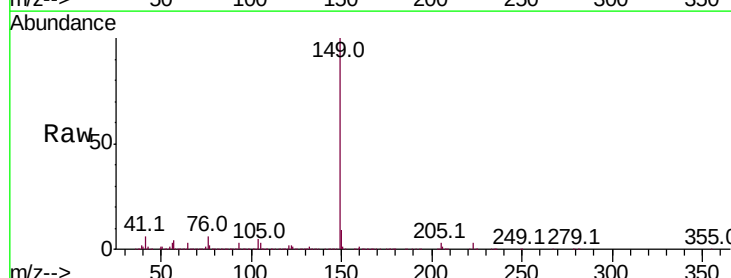
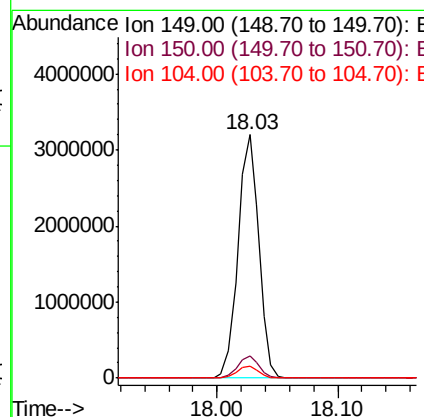
Manual Integrations
 APPROVED

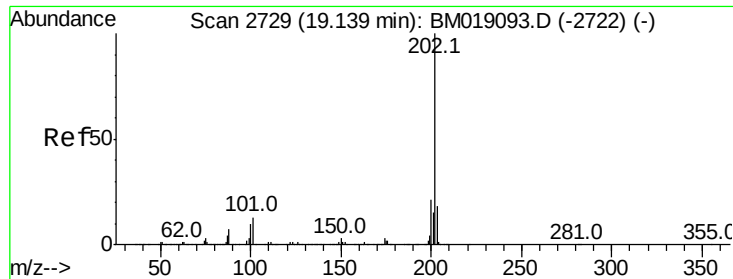
Sohil
 3/19/2019 5:27:58 PM



#74
 Di-n-butylphthalate
 Concen: 49.398 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 41.960 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

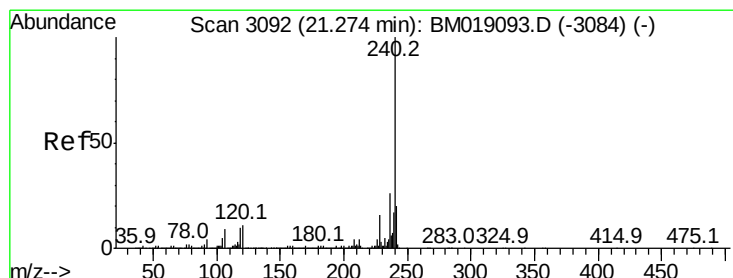
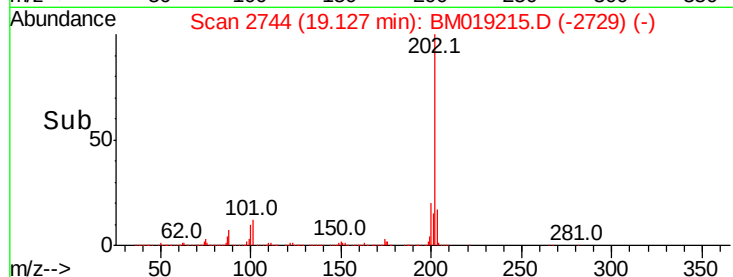
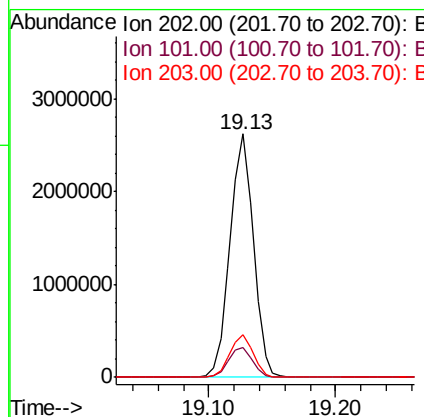
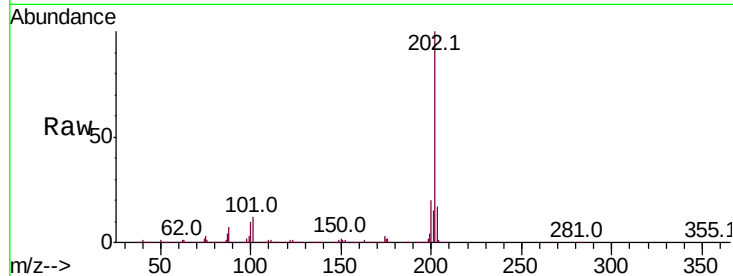
ClientSampleId :

S-1MSD

Tot Ion:	202	Resp:	3343925
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.0
203	17.3	0.0	37.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

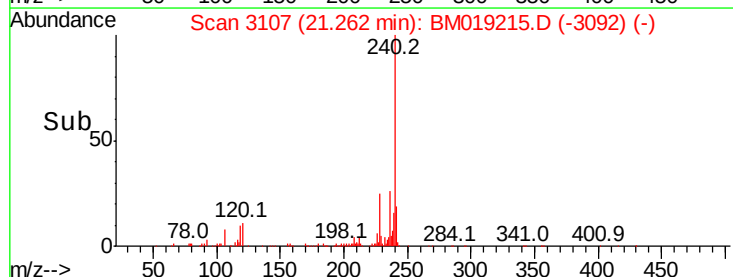
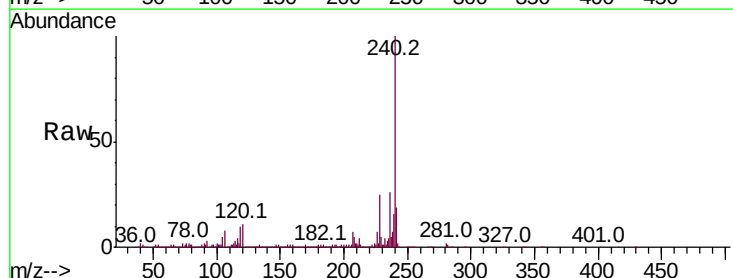
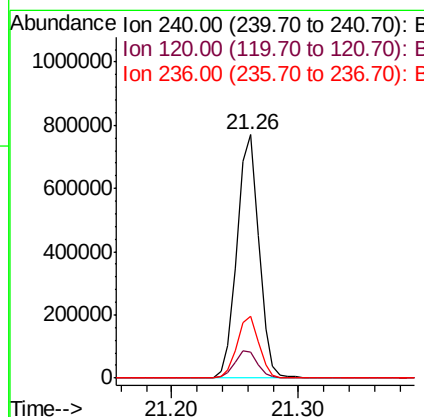
RT: 21.26 min Scan# 3107

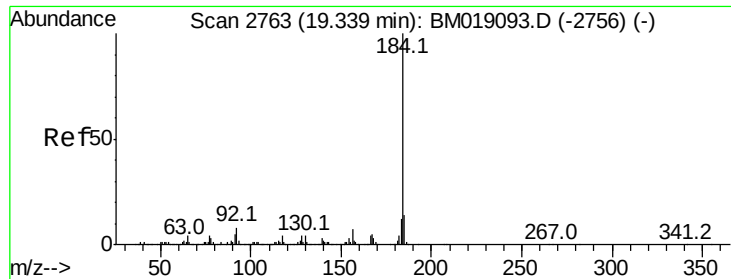
Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:	240	Resp:	917575
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.9	13.3
236	25.6	21.0	31.4





#77

Benzidine

Concen: 44.646 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

Tot Ion:184 Resp: 1161810

Ion Ratio Lower Upper

184 100

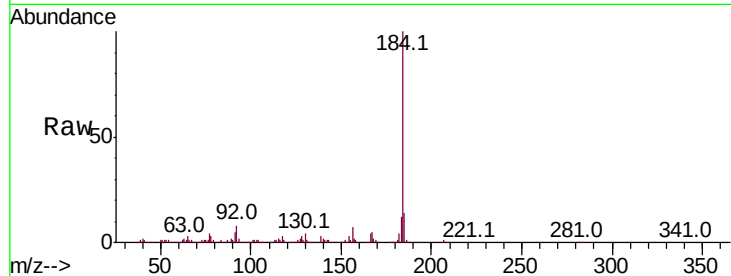
185 13.7 11.0 16.4

183 12.1 9.8 14.6

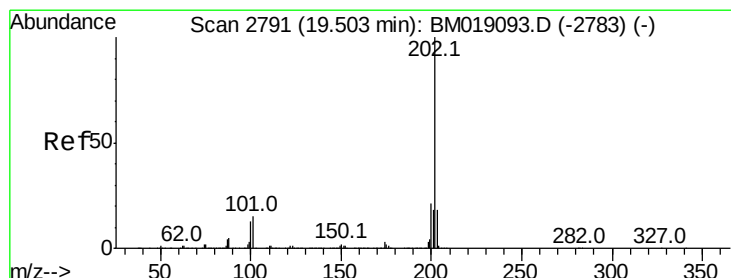
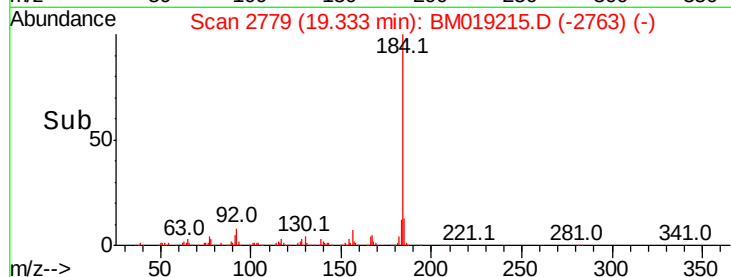
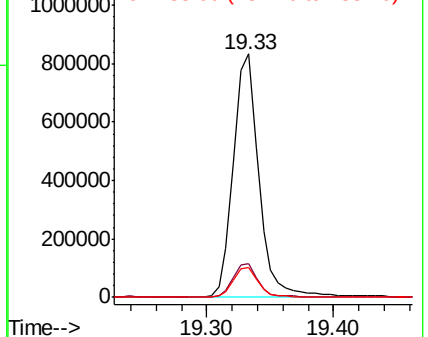
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.840 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

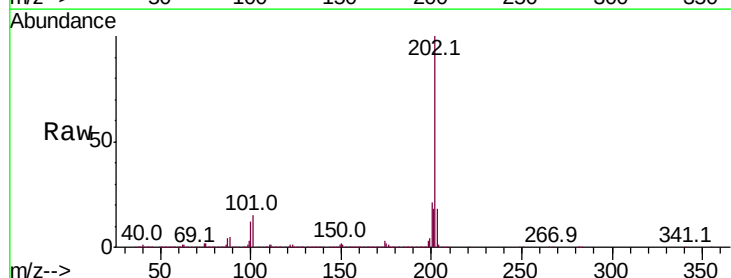
Tgt Ion:202 Resp: 3299920

Ion Ratio Lower Upper

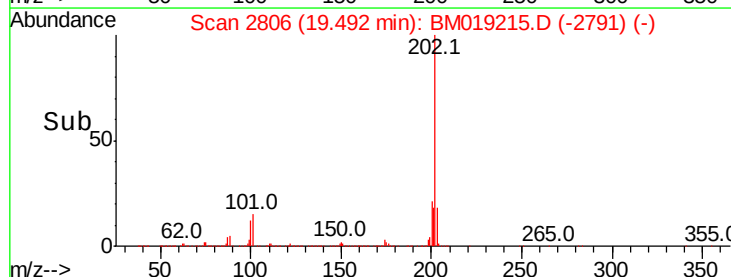
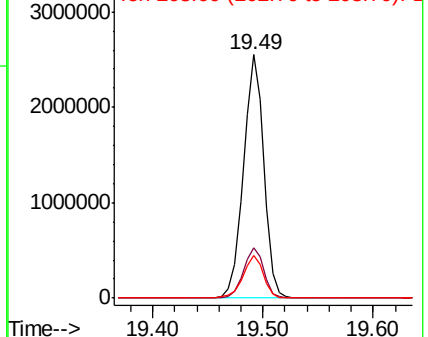
202 100

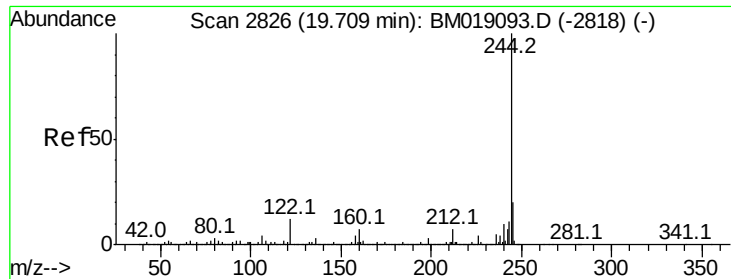
200 20.7 16.9 25.3

203 17.5 14.0 21.0



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





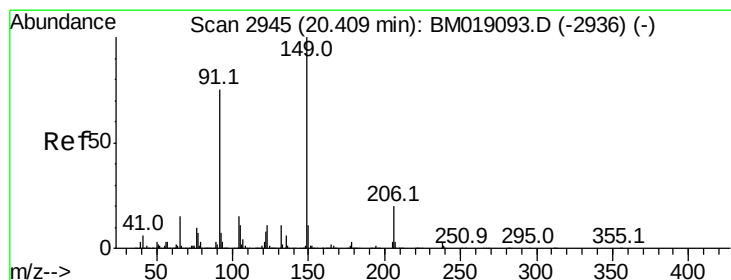
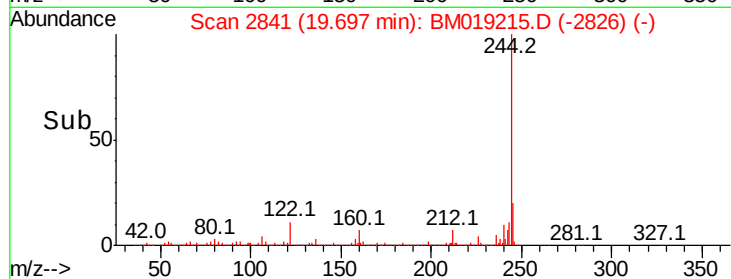
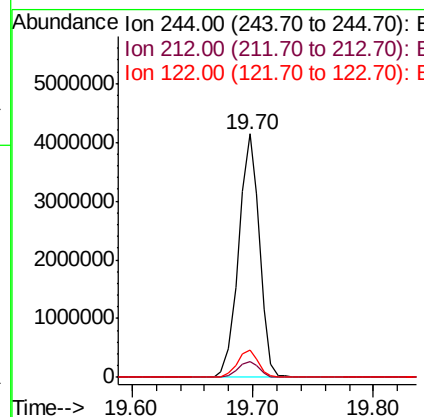
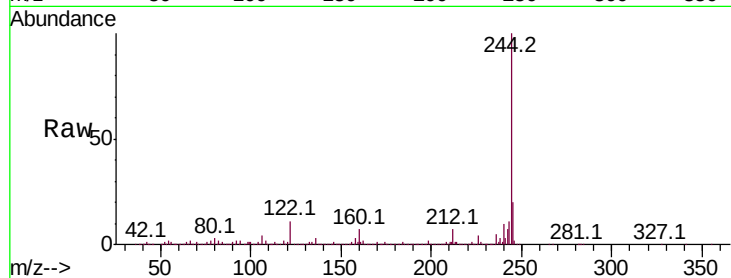
#79
 Terphenyl-d14
 Concen: 107.559 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampled :
 S-1MSD

Tot Ion:244 Resp: 4971424
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.3 9.4 14.2

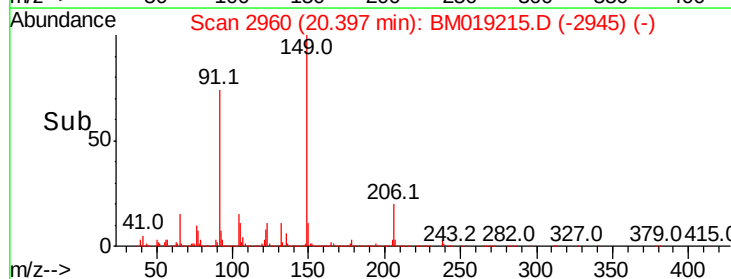
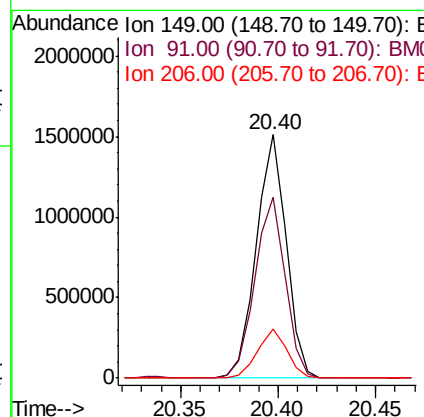
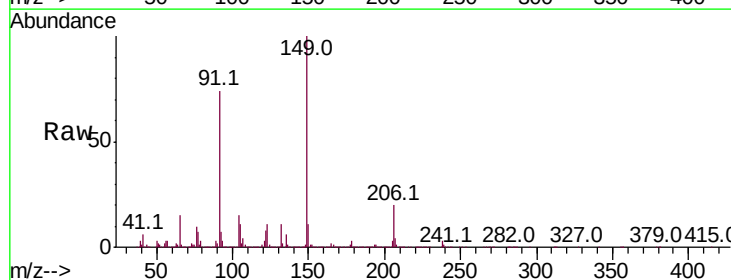
Manual Integrations
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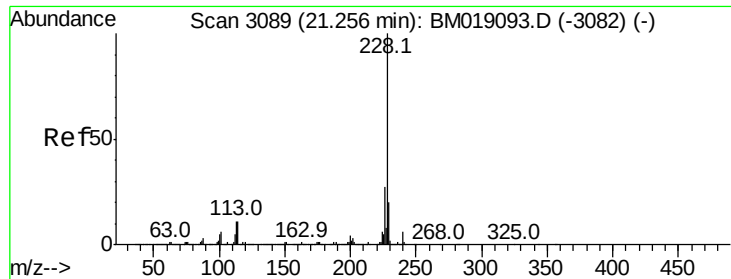
Sohil
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#80
 Butylbenzylphthalate
 Concen: 63.354 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:149 Resp: 1602006
 Ion Ratio Lower Upper
 149 100
 91 74.2 60.1 90.1
 206 20.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.727 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Instrument :

BNA_M

ClientSampled :

S-1MSD

Tot Ion:228 Resp: 2574740

Ion Ratio Lower Upper

228 100

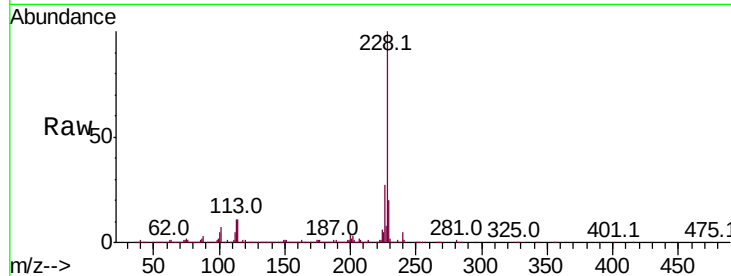
226 26.9 21.8 32.8

229 19.9 15.8 23.6

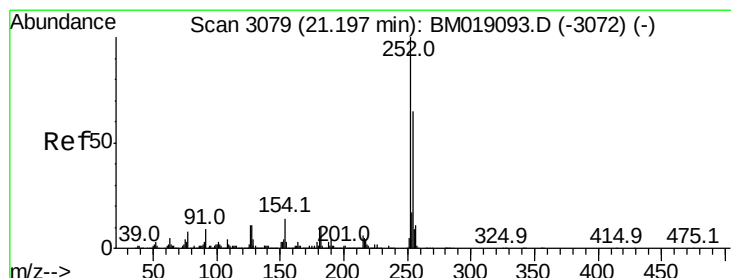
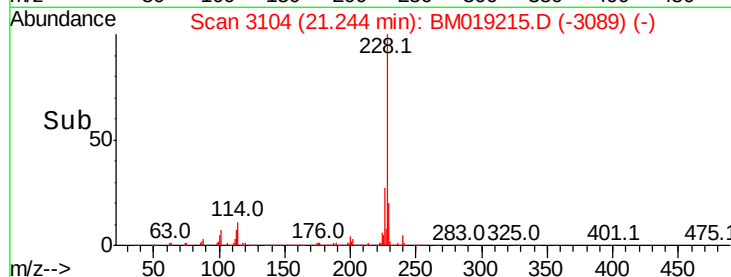
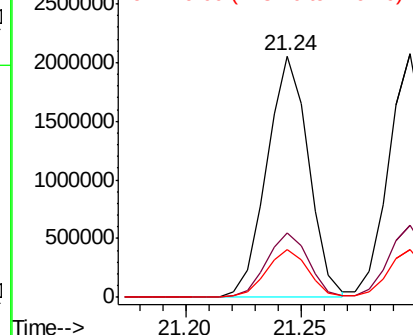
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.252 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019215.D

Acq: 18 Mar 2019 14:51

Tgt Ion:252 Resp: 471277

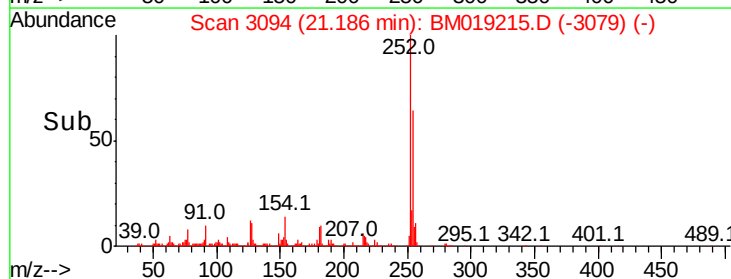
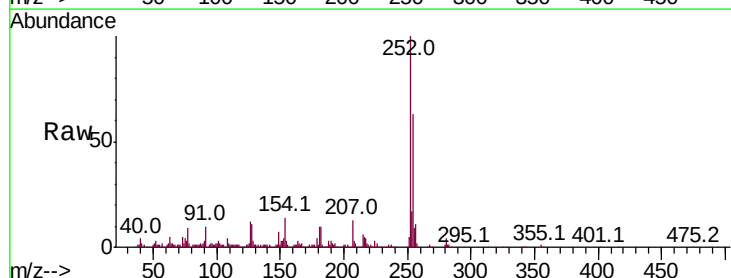
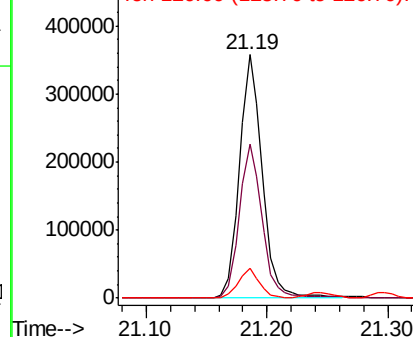
Ion Ratio Lower Upper

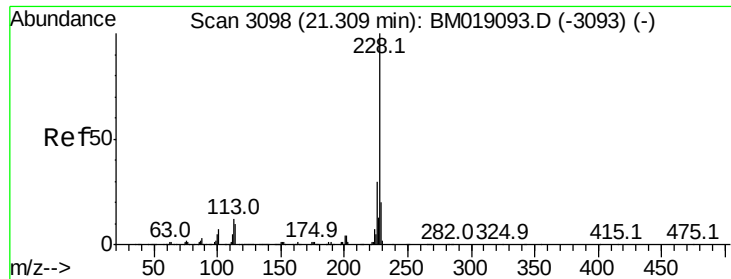
252 100

254 63.4 52.4 78.6

126 12.0 9.0 13.6

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





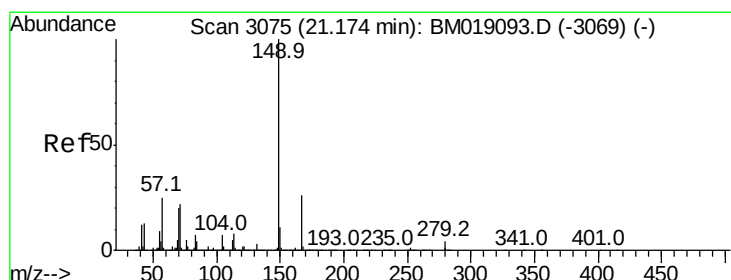
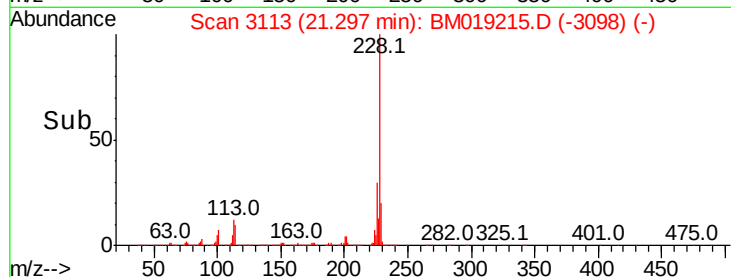
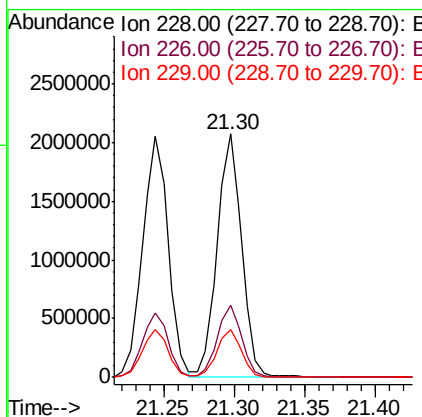
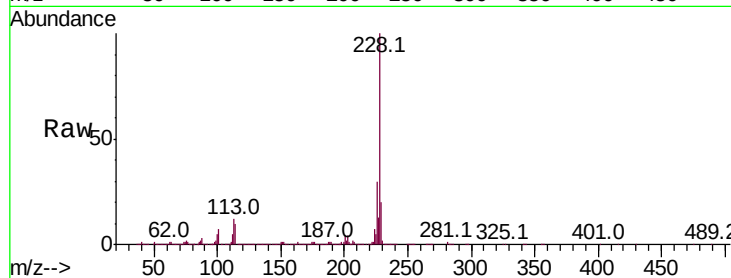
#83
Chrysene
Concen: 44.693 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion:228 Resp: 2489005
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.7 15.7 23.5

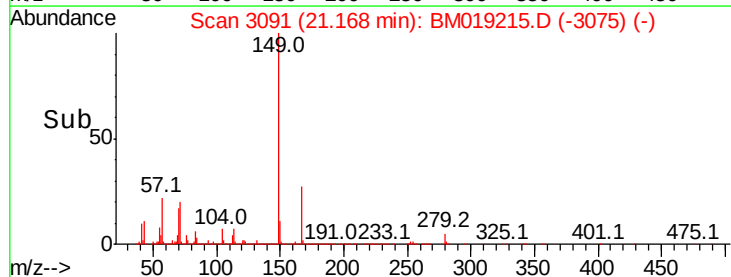
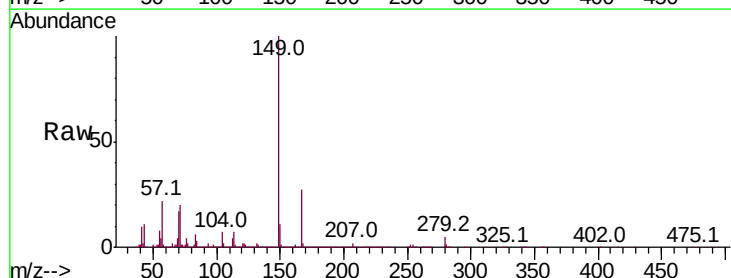
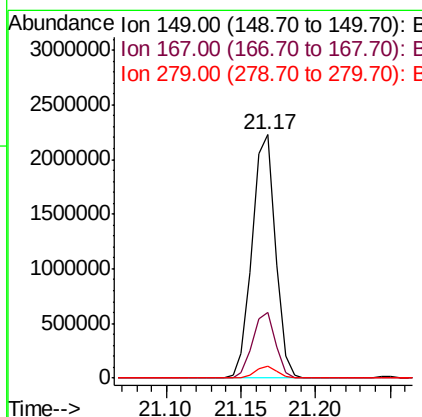
Manual Integrations
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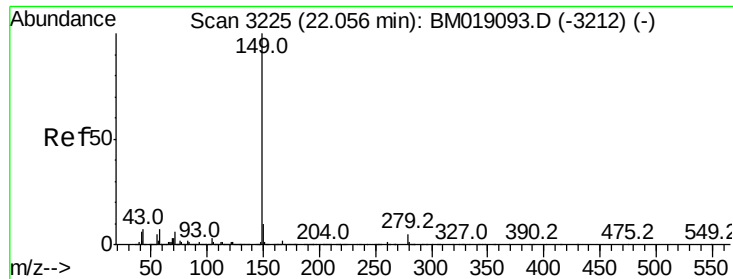
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#84
Bis(2-ethylhexyl)phthalate
Concen: 64.759 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion:149 Resp: 2382346
Ion Ratio Lower Upper
149 100
167 27.0 21.1 31.7
279 4.7 3.2 4.8





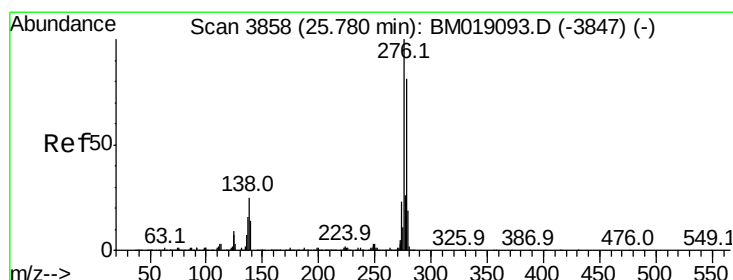
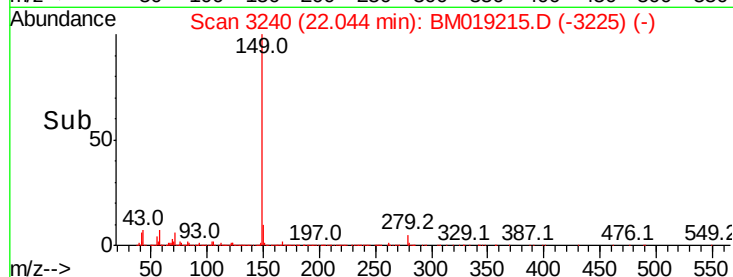
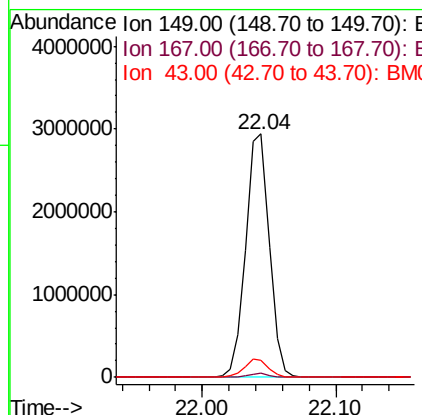
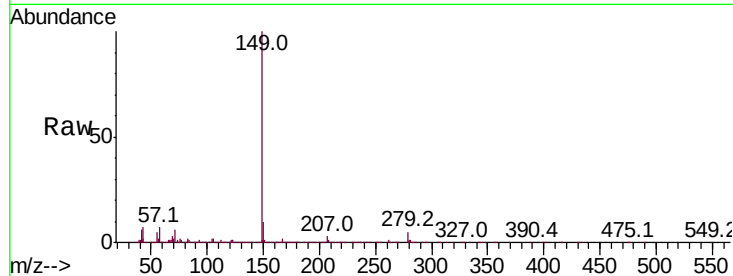
#85
Di-n-octyl phthalate
Concen: 57.400 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	6.1	9.1

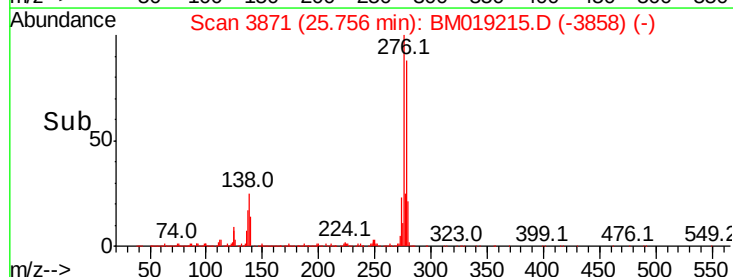
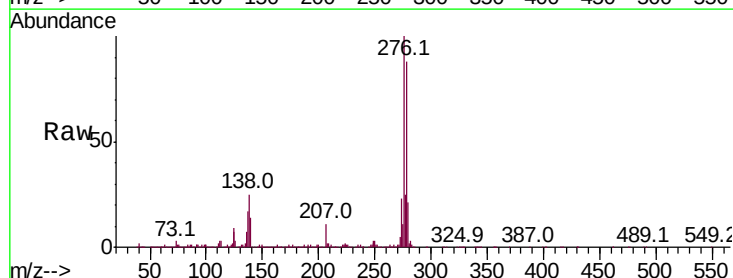
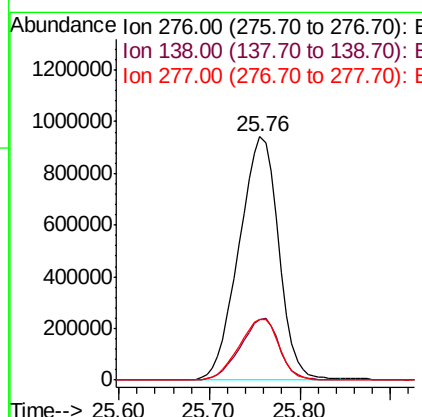
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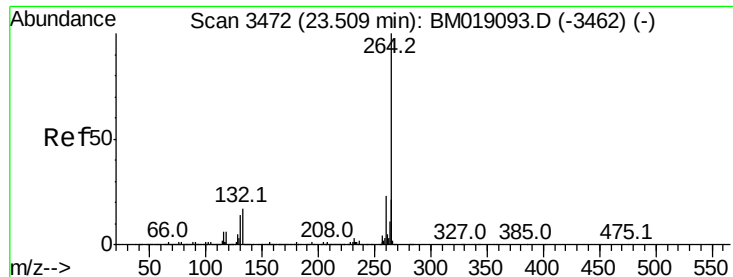
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.540 ng
RT: 25.76 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.4	20.3	30.5





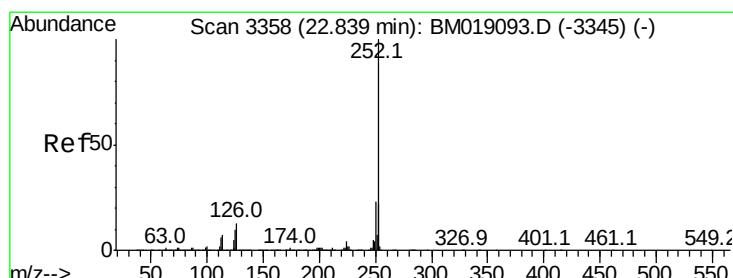
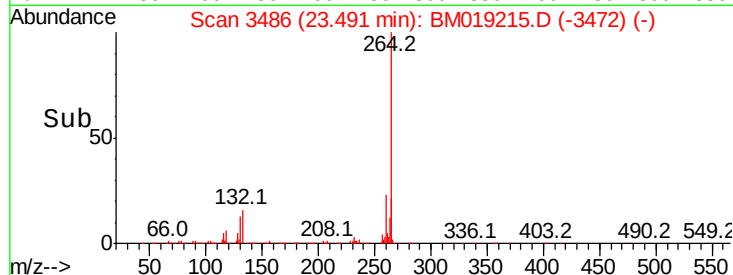
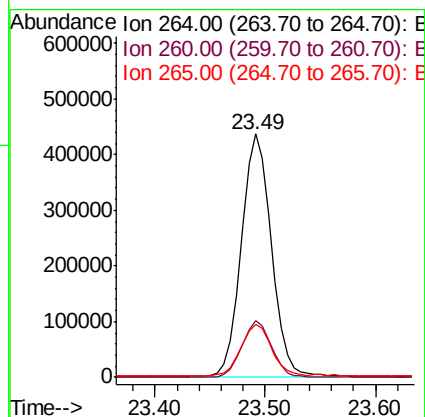
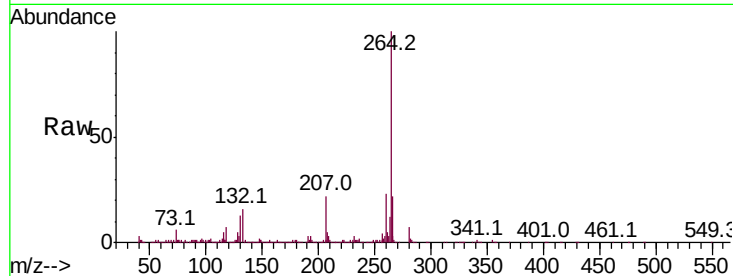
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.0	17.3	25.9

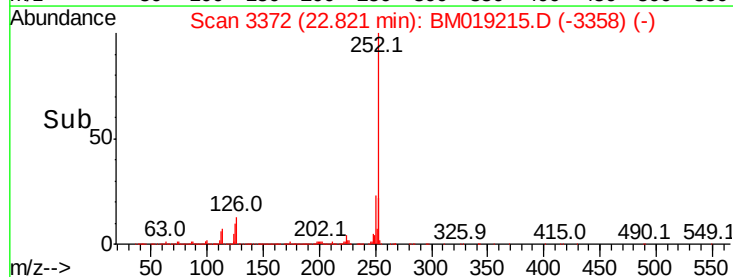
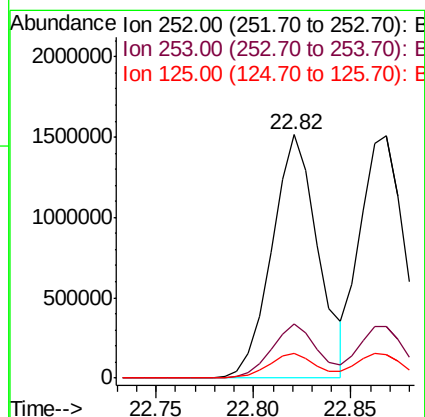
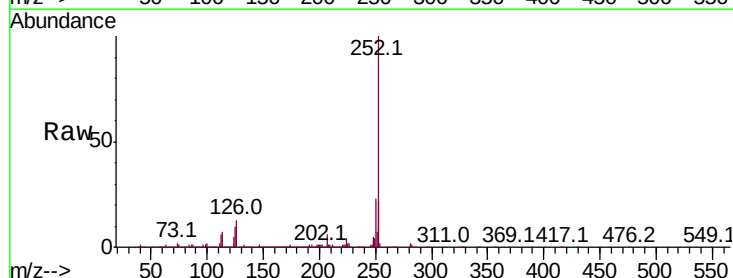
Manual Integrations
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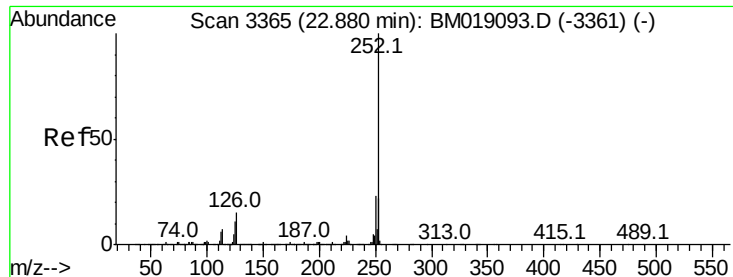
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.559 ng
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.4	8.1	12.1





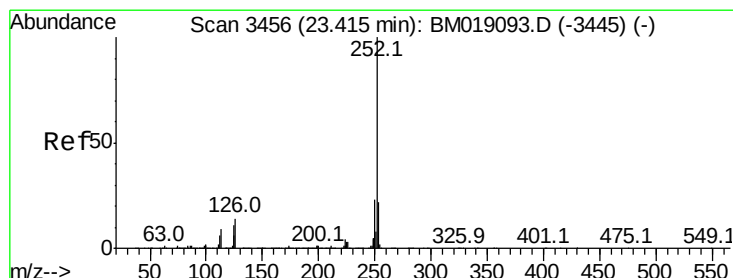
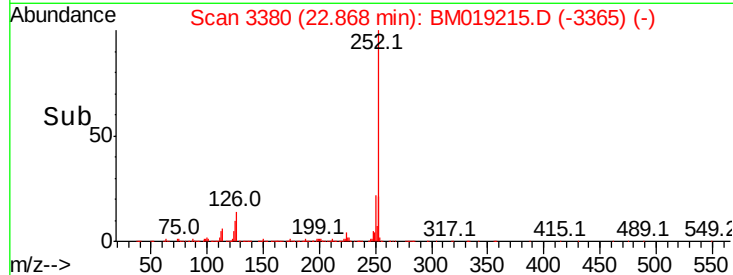
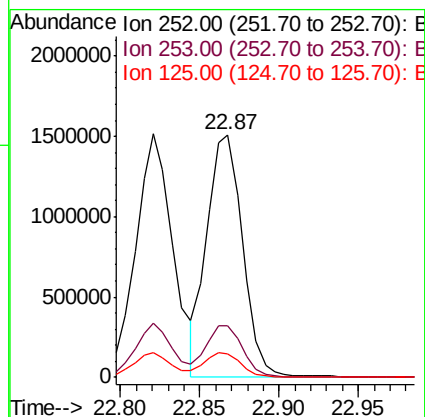
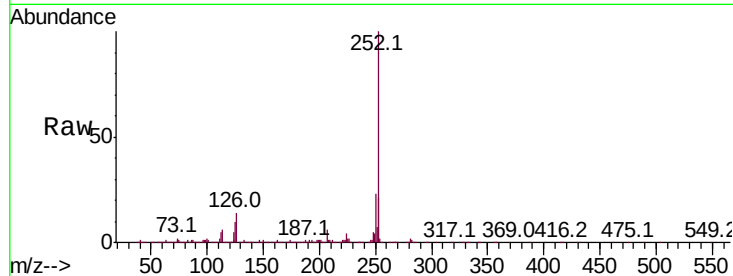
#89
Benzo(k)fluoranthene
Concen: 46.934 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.9	8.8	13.2

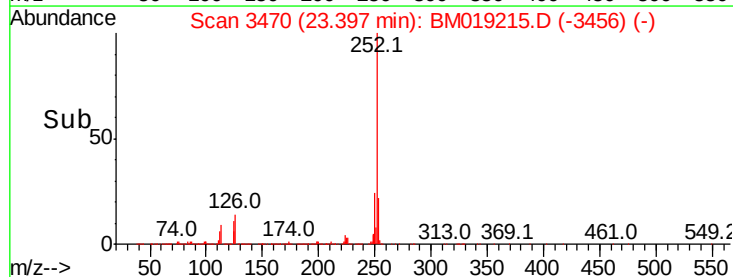
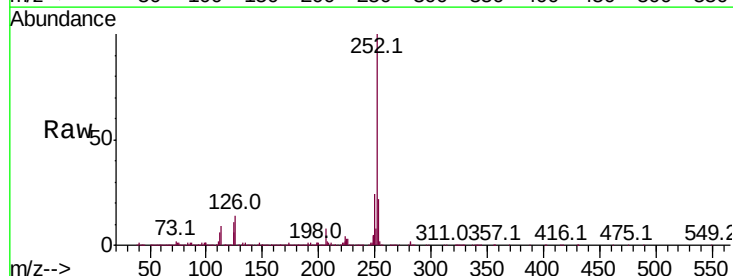
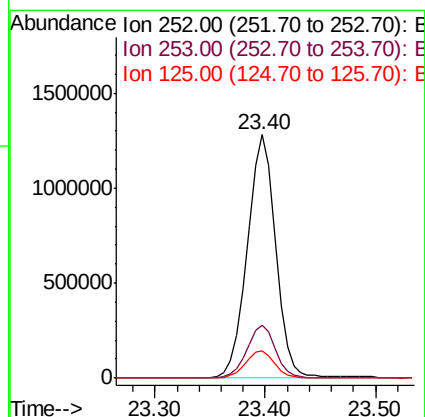
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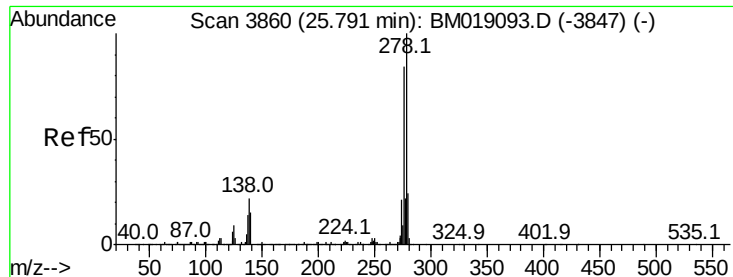
Sohil
3/19/2019 5:27:58 PM



#90
Benzo(a)pyrene
Concen: 47.327 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM019215.D
Acq: 18 Mar 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.2	9.2	13.8





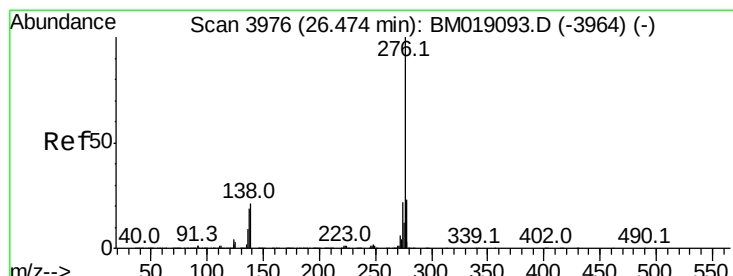
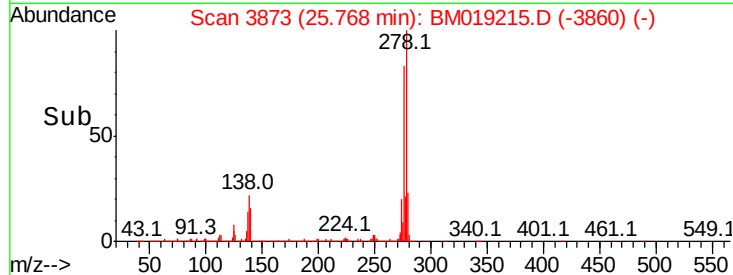
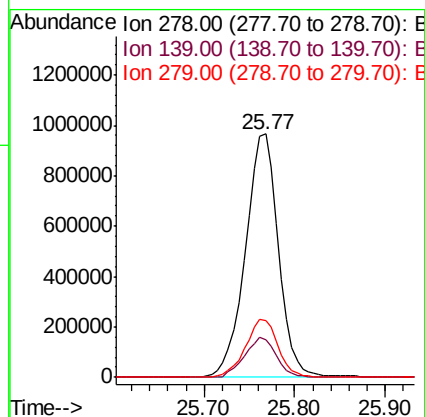
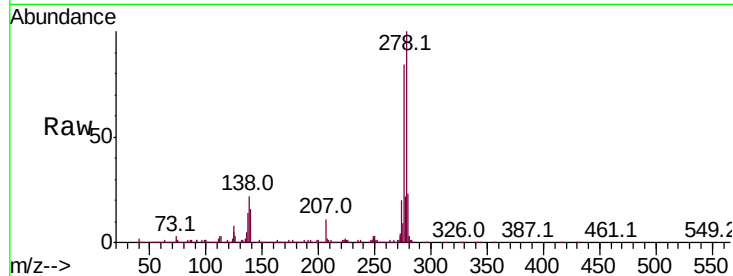
#91
 Dibenzo(a,h)anthracene
 Concen: 52.039 ng
 RT: 25.77 min Scan# 3873
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 S-1MSD

Tot Ion:	278	Resp:	2438029
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	23.4	18.9	28.3

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:27:58 PM



#92
 Benzo(g,h,i)perylene
 Concen: 53.821 ng
 RT: 26.45 min Scan# 3989
 Delta R.T. -0.02 min
 Lab File: BM019215.D
 Acq: 18 Mar 2019 14:51

Tgt Ion:	276	Resp:	2315024
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.3	17.0	25.4

