

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019194.D
 Acq On : 15 Mar 2019 19:54
 Operator : JU/SJ
 Sample : K1930-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:04:35 PM

Quant Time: Mar 18 08:07:27 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	206493	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	938599	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	575126	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1282572	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1170338	20.00	ng	0.00
87) Perylene-d12	23.50	264	1004922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1783793	139.90	ng	0.00
7) Phenol-d6	6.84	99	2677679	143.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	1630521	82.12	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1120692	131.98	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3152814	71.31	ng	-0.01
79) Terphenyl-d14	19.70	244	5103168	86.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	168428	29.694	ng	99
3) Pyridine	3.62	79	347994	22.551	ng	99
4) n-Nitrosodimethylamine	3.53	42	165107	34.415	ng	95
6) Aniline	7.00	93	718668	29.846	ng	99
8) 2-Chlorophenol	7.22	128	647801	42.278	ng	99
9) Benzaldehyde	6.82	77	278082	23.705	ng	98
10) Phenol	6.87	94	1016094	50.552	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	578769	37.736	ng	99
12) 1,3-Dichlorobenzene	7.54	146	565380	34.868	ng	99
13) 1,4-Dichlorobenzene	7.69	146	588175	35.579	ng	98
14) 1,2-Dichlorobenzene	8.00	146	583588	36.284	ng	100
15) Benzyl Alcohol	7.91	79	633250	41.025	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.18	45	563812	36.002	ng	100
17) 2-Methylphenol	8.10	107	575435	43.933	ng	99
18) Hexachloroethane	8.71	117	206242	33.574	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	578699	37.821	ng	99
20) 3+4-Methylphenols	8.43	107	792775	44.591	ng	98
22) Acetophenone	8.49	105	962380	37.102	ng	# 100
24) Nitrobenzene	8.87	77	817599	39.592	ng	99
25) Isophorone	9.39	82	1489797	39.321	ng	99
26) 2-Nitrophenol	9.57	139	355583	41.541	ng	99
27) 2,4-Dimethylphenol	9.63	122	629282	49.450	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	879914	39.221	ng	99
29) 2,4-Dichlorophenol	10.09	162	645738	45.817	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	610059	38.388	ng	99
31) Naphthalene	10.49	128	1889815	38.200	ng	100
32) Benzoic acid	9.76	122	151094m	14.020	ng	
33) 4-Chloroaniline	10.62	127	563840	27.804	ng	99
34) Hexachlorobutadiene	10.75	225	315705	34.617	ng	98
35) Caprolactam	11.45	113	210557m	41.939	ng	
36) 4-Chloro-3-methylphenol	11.75	107	755390	43.438	ng	97
37) 2-Methylnaphthalene	12.11	142	1425714	39.659	ng	99
38) 1-Methylnaphthalene	12.33	142	1353992	38.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	678212	37.279	ng	99

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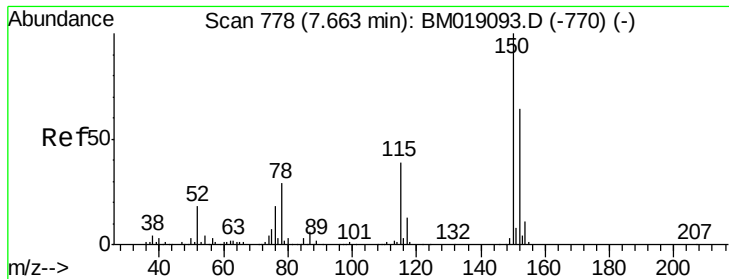
Manual Integrations
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 3/18/2019 3:04:35 PM

Quant Time: Mar 18 08:07:27 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)
41) Hexachlorocyclopentadiene	12.44	237	513559	62.321	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	526234	44.760	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	555900	44.217	nq	99
46) 1,1'-Biphenyl	13.13	154	1842557	36.685	nq	100
47) 2-Chloronaphthalene	13.18	162	1452981	38.756	nq	100
48) 2-Nitroaniline	13.41	65	533446	42.427	nq	96
49) Acenaphthylene	14.03	152	2381594	37.570	nq	100
50) Dimethylphthalate	13.78	163	2268365	46.106	nq	99
51) 2,6-Dinitrotoluene	13.91	165	431584	40.580	nq	98
52) Acenaphthene	14.37	154	1364478	37.460	nq	99
53) 3-Nitroaniline	14.24	138	375767	33.359	nq	96
54) 2,4-Dinitrophenol	14.46	184	218565	35.386	nq	97
55) Dibenzofuran	14.71	168	2243546	38.193	nq	99
56) 4-Nitrophenol	14.56	139	720053	78.293	nq	98
57) 2,4-Dinitrotoluene	14.70	165	619861	40.151	nq	99
58) Fluorene	15.36	166	1839522	37.991	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	497550	42.511	nq	99
60) Diethylphthalate	15.14	149	1931820	38.769	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	910263	38.707	nq	96
62) 4-Nitroaniline	15.42	138	429878	37.868	nq	99
63) Azobenzene	15.66	77	2026668	38.652	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	239202	28.461	nq	98
66) n-Nitrosodiphenylamine	15.59	169	1611986	39.478	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	542920	38.386	nq	97
68) Hexachlorobenzene	16.36	284	654418	38.918	nq	98
69) Atrazine	16.54	200	581794	42.327	nq	99
70) Pentachlorophenol	16.72	266	774705	76.470	nq	100
71) Phenanthrene	17.11	178	2798730	37.229	nq	100
72) Anthracene	17.20	178	2881157	39.149	nq	99
73) Carbazole	17.48	167	2714557	39.081	nq	99
74) Di-n-butylphthalate	18.03	149	3352757	39.916	nq	100
75) Fluoranthene	19.13	202	3127570	36.257	nq	99
77) Benzidine	19.33	184	500209	15.070	nq	100
78) Pyrene	19.50	202	3149647	42.535	nq	100
80) Butylbenzylphthalate	20.40	149	1555765	48.237	nq	98
81) Benzo(a)anthracene	21.25	228	2746000	37.400	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	986028	34.861	nq	98
83) Chrysene	21.30	228	2620683	36.894	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2327429	49.602	nq	100
85) Di-n-octyl phthalate	22.05	149	3771449	47.733	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2623806	34.314	nq	100
88) Benzo(b)fluoranthene	22.83	252	2460005	37.778	nq	99
89) Benzo(k)fluoranthene	22.87	252	2457696	41.035	nq	99
90) Benzo(a)pyrene	23.41	252	2291523	39.159	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2270272	40.556	nq	100
92) Benzo(g,h,i)perylene	26.46	276	2123351	41.316	nq	99

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



#1

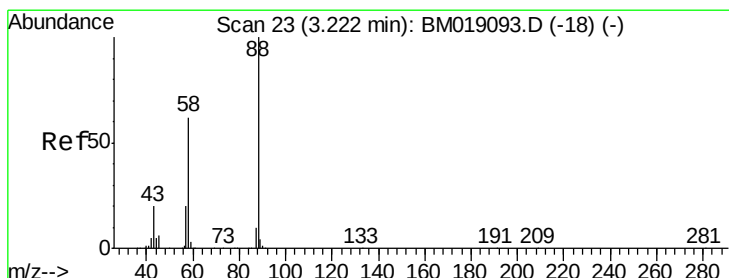
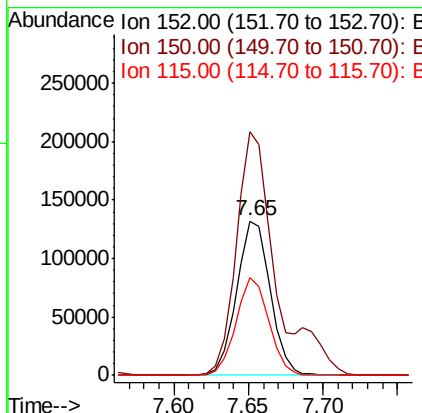
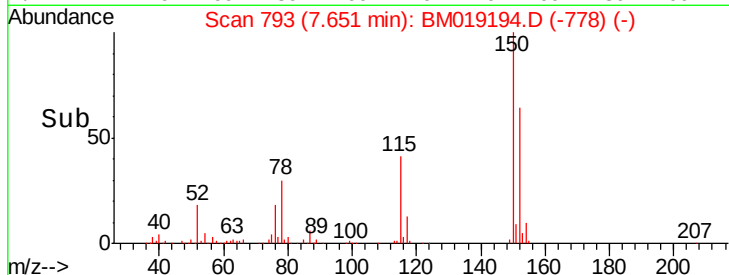
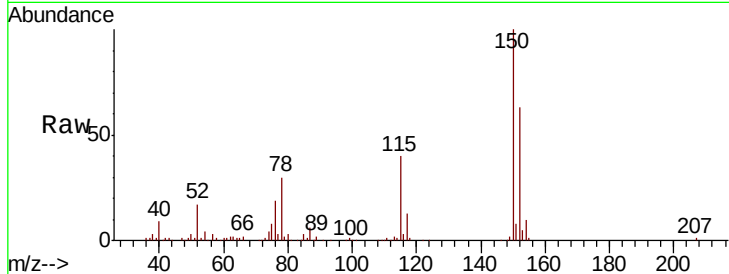
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.3	187.9
115	63.6	49.4	74.0

Manual Integrations
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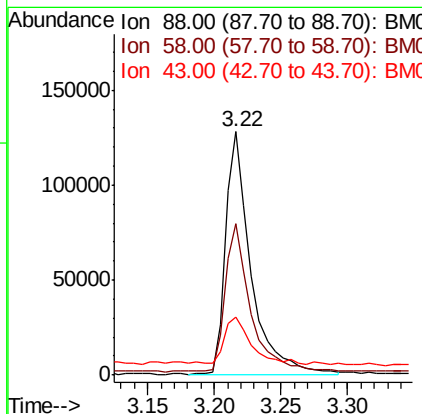
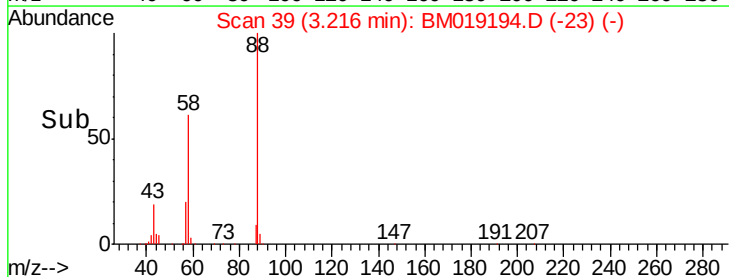
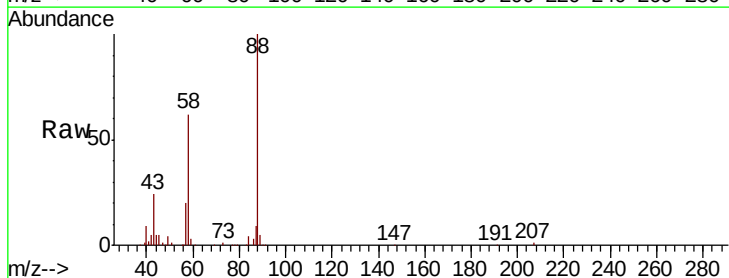
Sohil
3/18/2019 3:04:35 PM

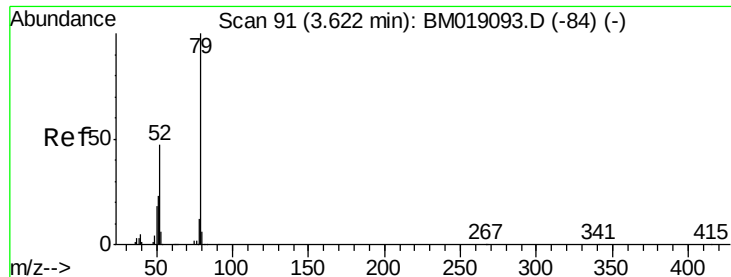


#2

1,4-Dioxane
Concen: 29.694 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	50.0	75.0
43	20.1	17.0	25.4





#3

Pvridine

Concen: 22.551 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

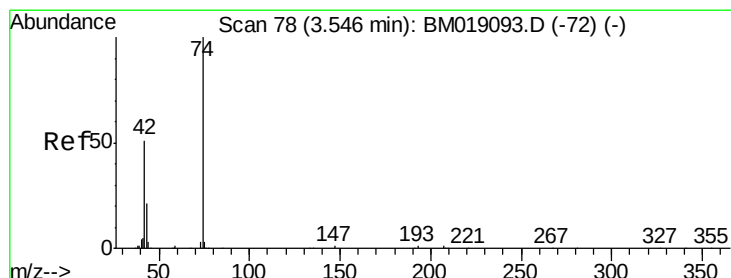
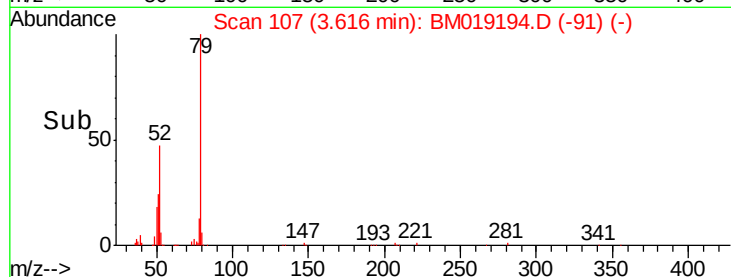
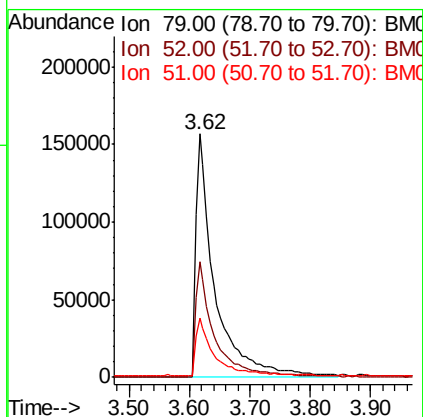
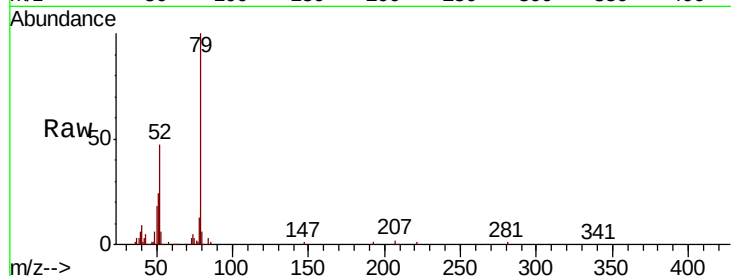
ClientSampleId :

TP-5MS

Tot Ion:	79	Resp:	347994
Ion Ratio	Lower	Upper	
79	100		
52	47.4	37.5	56.3
51	24.4	19.2	28.8

Manual Integrations
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3/18/2019 3:04:35 PM



#4

n-Nitrosodimethylamine

Concen: 34.415 ng

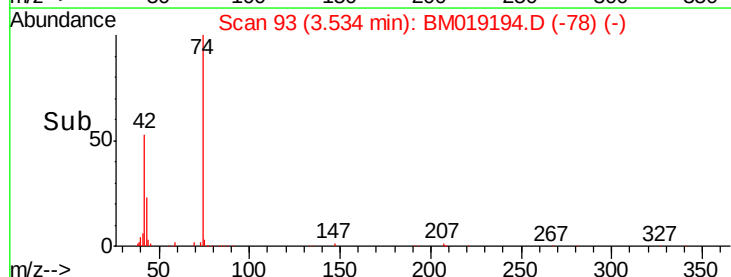
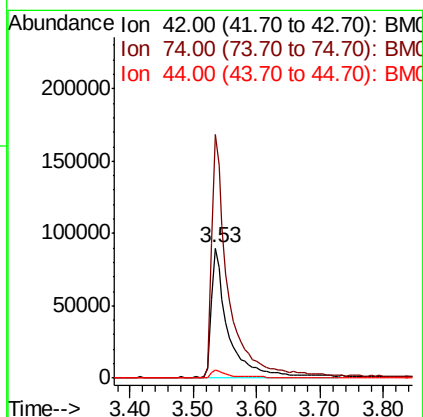
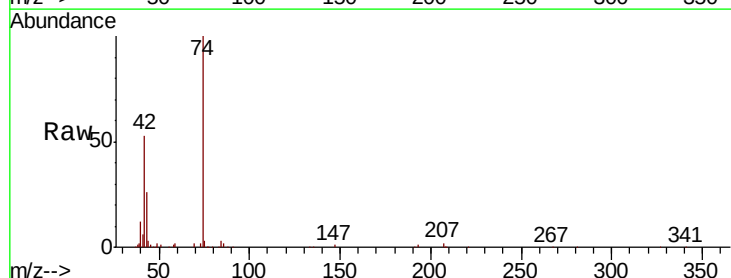
RT: 3.53 min Scan# 93

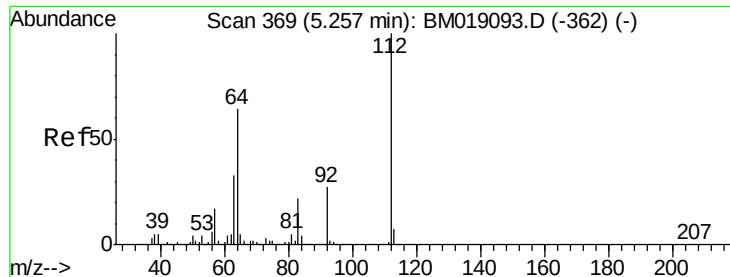
Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:	42	Resp:	165107
Ion Ratio	Lower	Upper	
42	100		
74	187.4	156.3	234.5
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 139.899 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampled :

TP-5MS

Tot Ion:112 Resp: 1783793

Ion Ratio Lower Upper

112 100

64 61.5 51.4 77.0

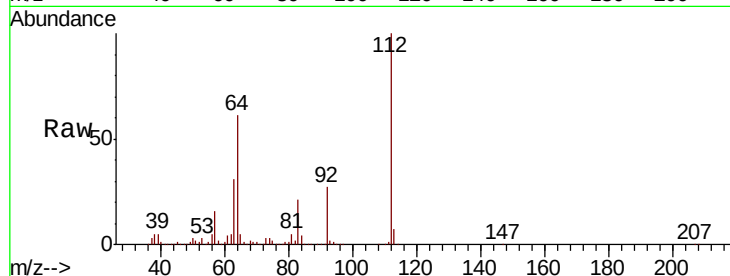
63 31.3 26.6 40.0

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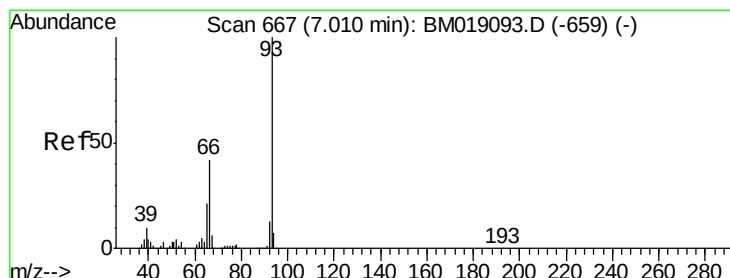
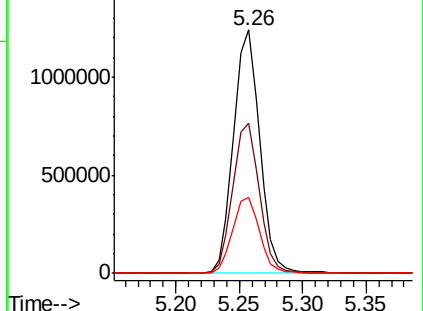
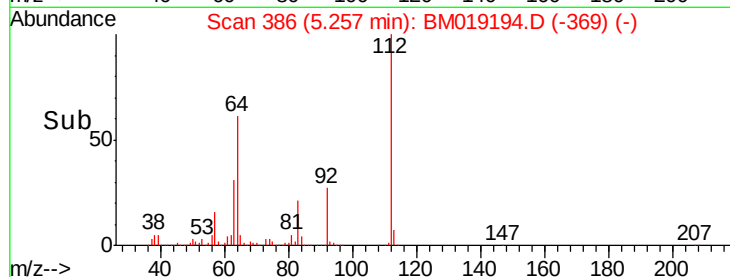
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 29.846 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

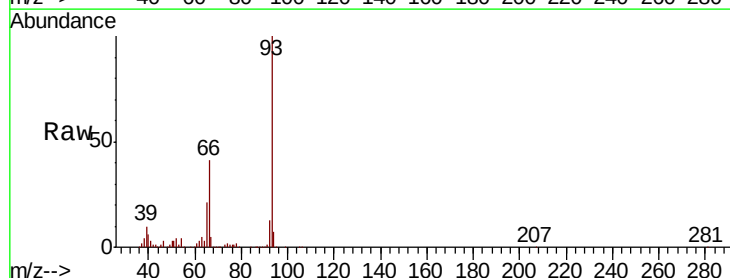
Tgt Ion: 93 Resp: 718668

Ion Ratio Lower Upper

93 100

66 41.4 33.4 50.2

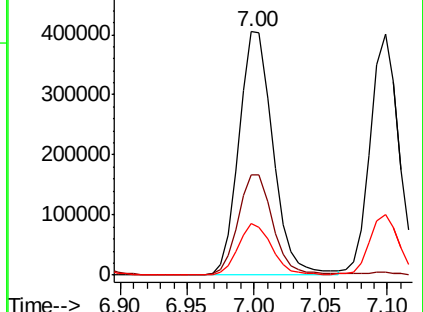
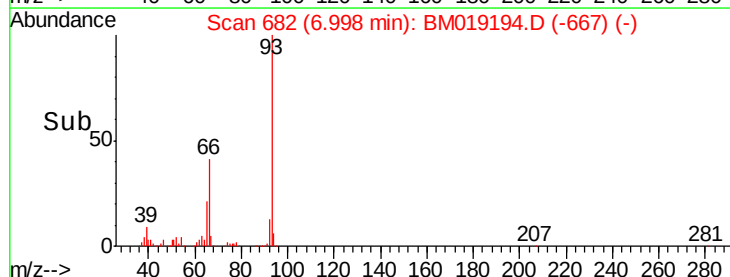
65 21.2 16.8 25.2

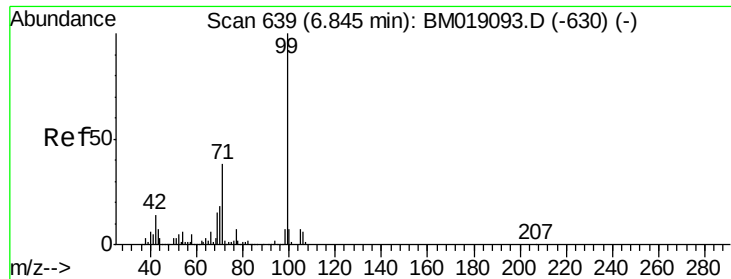


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 143.572 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion: 99 Resp: 2677679

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

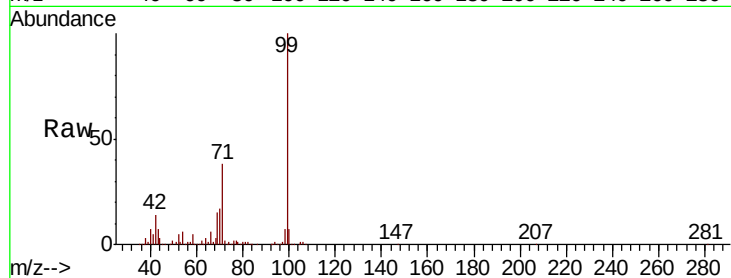
71 38.0 30.3 45.5

Manual Integrations

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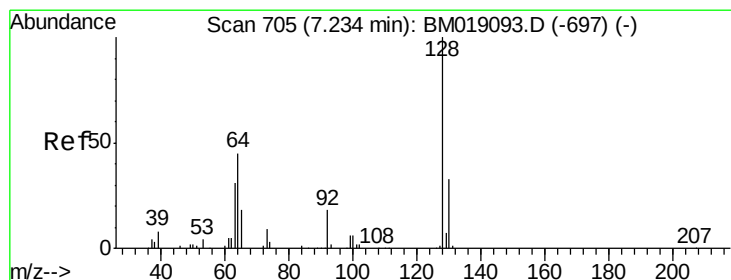
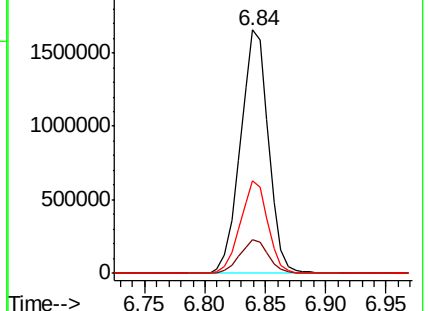
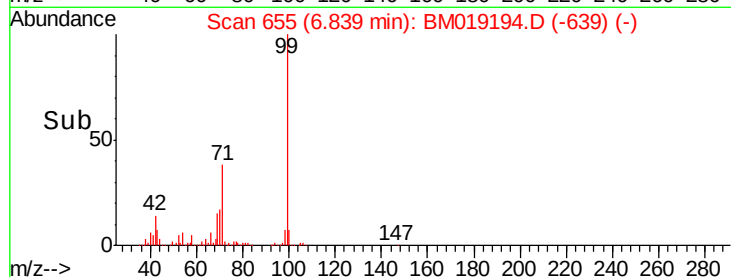
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 42.278 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

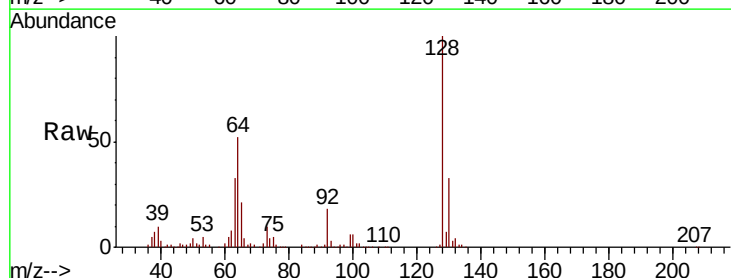
Tgt Ion: 128 Resp: 647801

Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

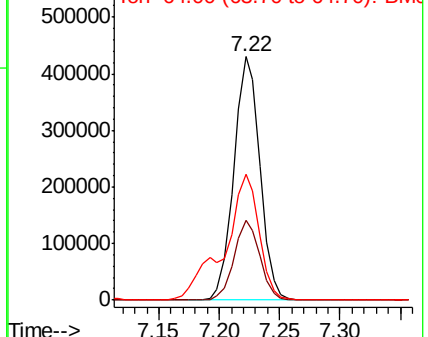
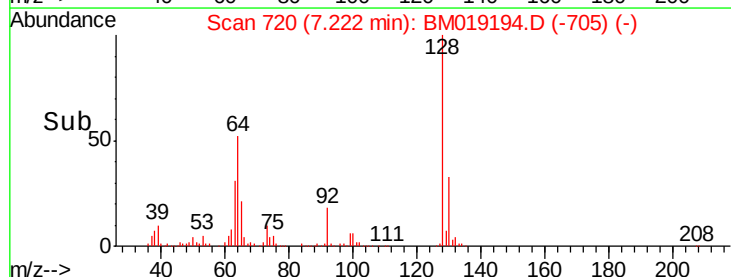
64 51.7 30.8 70.8

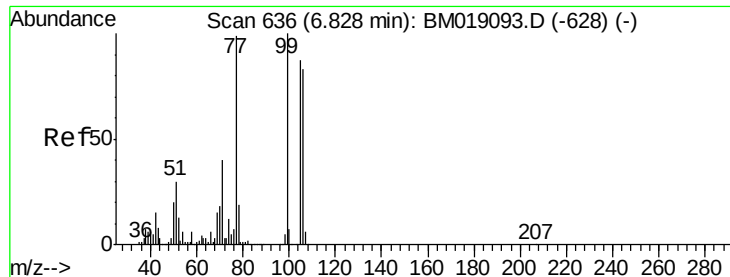


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 23.705 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion: 77 Resp: 278082

Ion Ratio Lower Upper

77 100

105 90.3 67.7 107.7

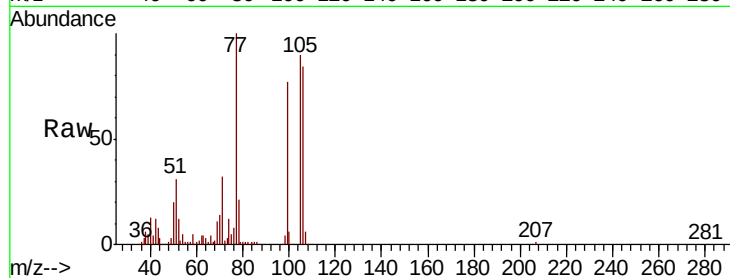
106 84.4 64.1 104.1

Manual Integrations

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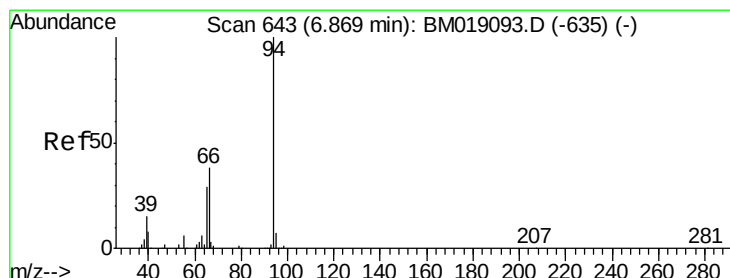
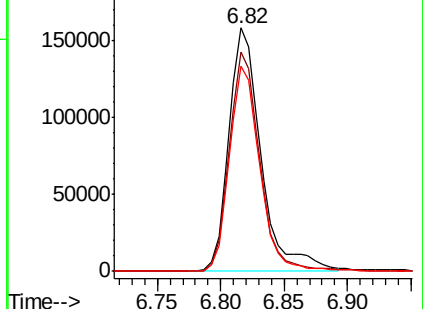
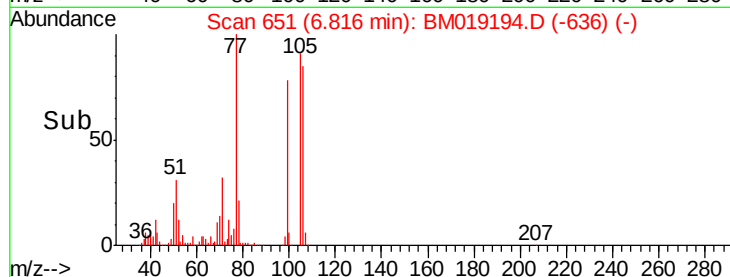


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)

Time-->



#10

Phenol

Concen: 50.552 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

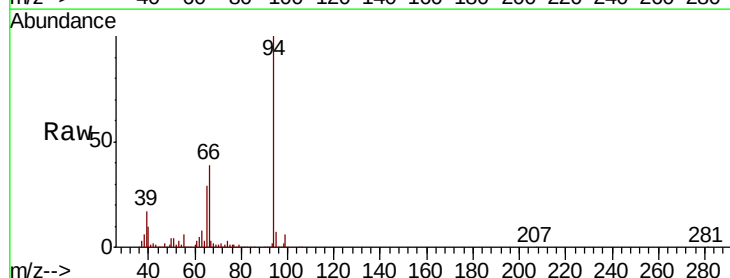
Tgt Ion: 94 Resp: 1016094

Ion Ratio Lower Upper

94 100

65 29.5 9.7 49.7

66 38.8 19.2 59.2

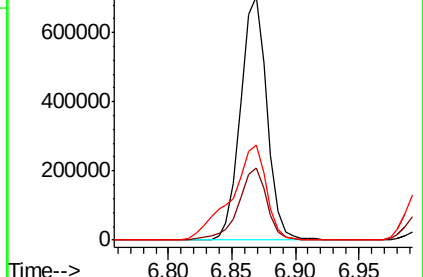
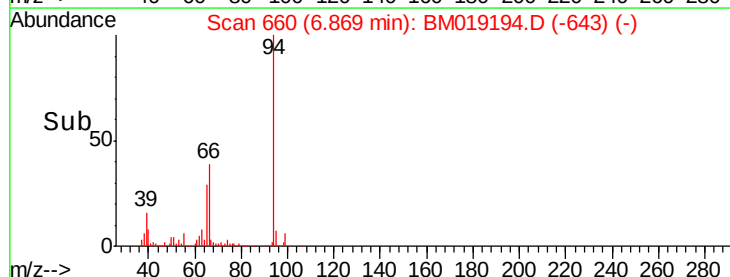


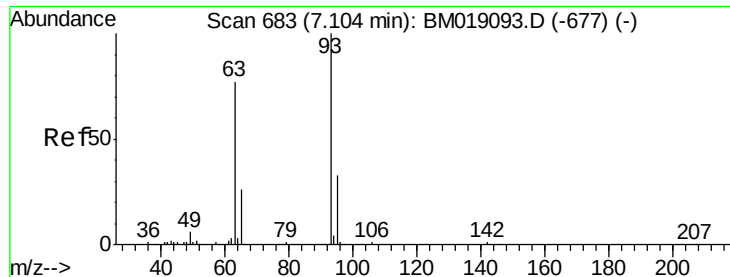
Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

Time-->





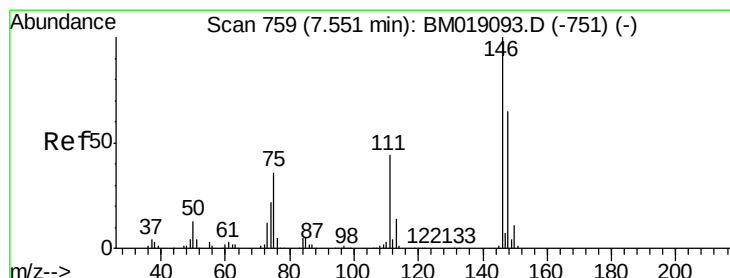
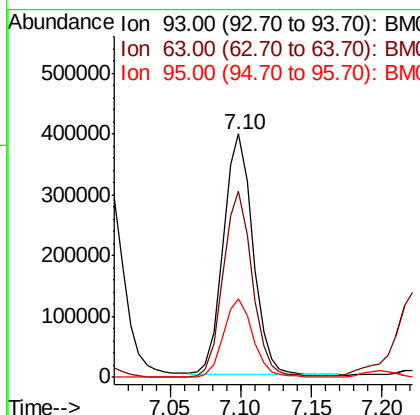
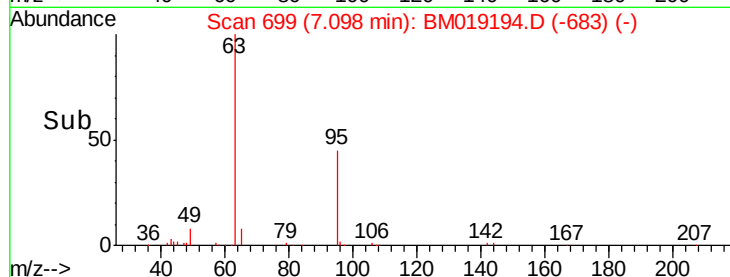
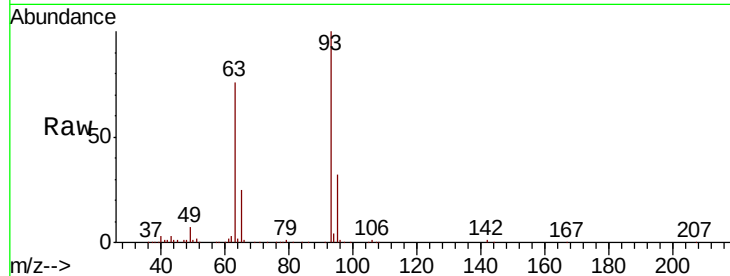
#11
bis(2-Chloroethyl)ether
Concen: 37.736 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion:	93	Resp:	578769
Ion	Ratio	Lower	Upper
93	100		
63	76.3	56.6	96.6
95	32.4	13.0	53.0

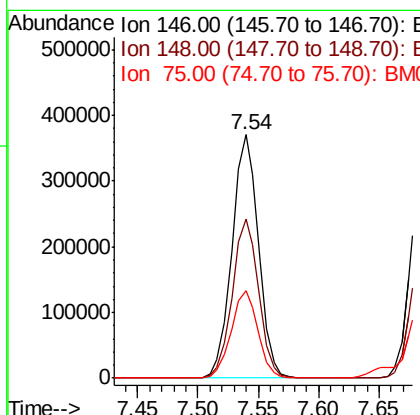
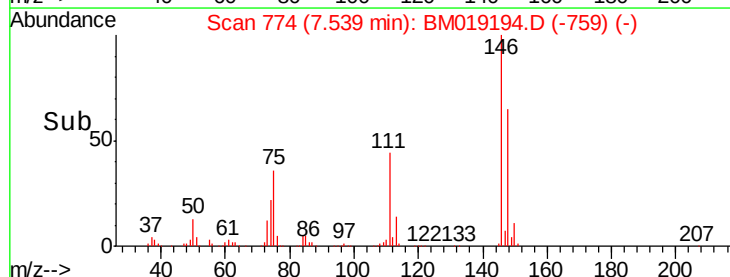
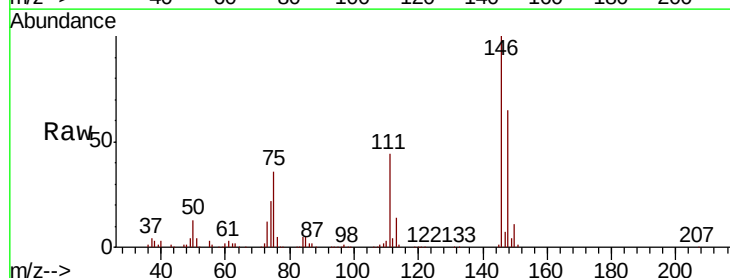
Manual Integrations
APPROVED

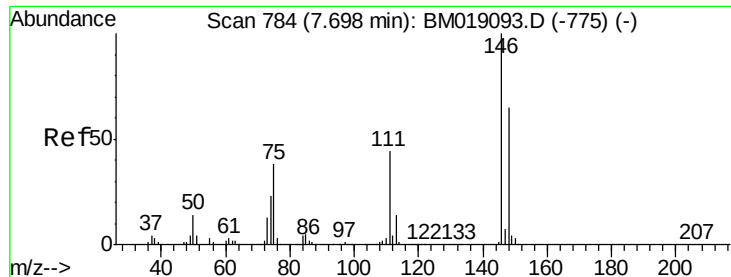
Sohil
3/18/2019 3:04:35 PM



#12
1,3-Dichlorobenzene
Concen: 34.868 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:	146	Resp:	565380
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	36.1	29.1	43.7





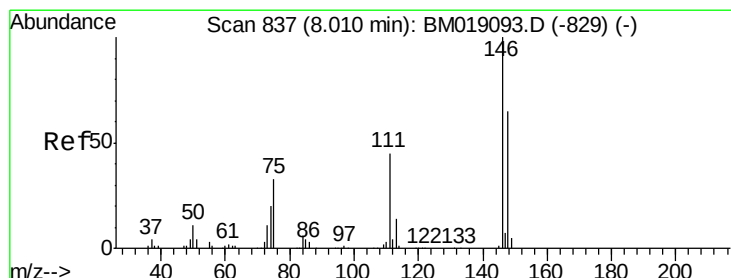
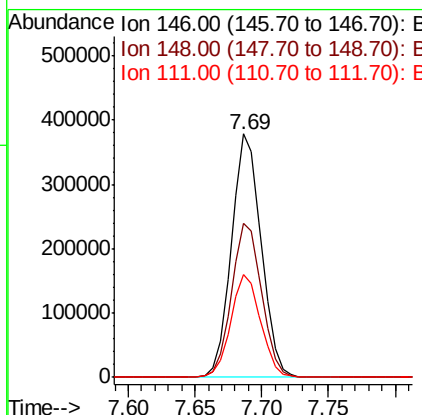
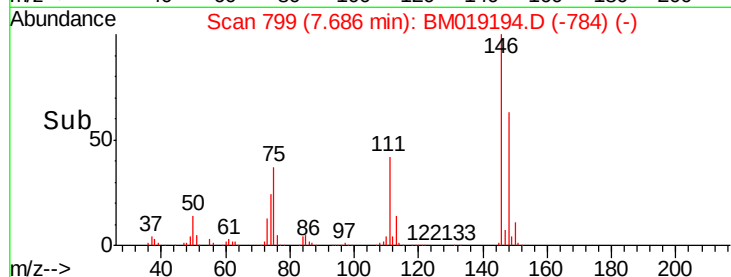
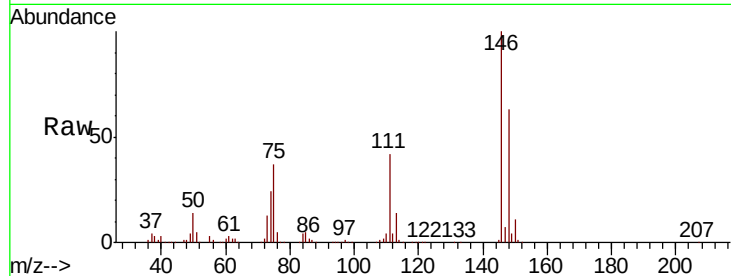
#13
1,4-Dichlorobenzene
Concen: 35.579 ng
RT: 7.69 min Scan# 799
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
111	42.2	35.4	53.0

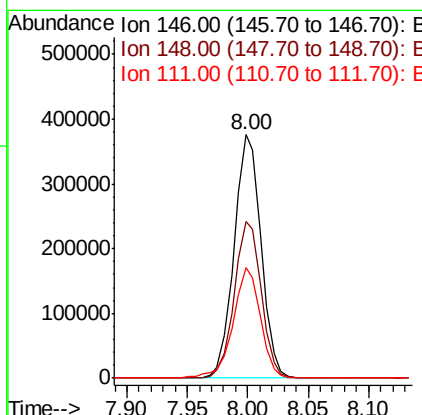
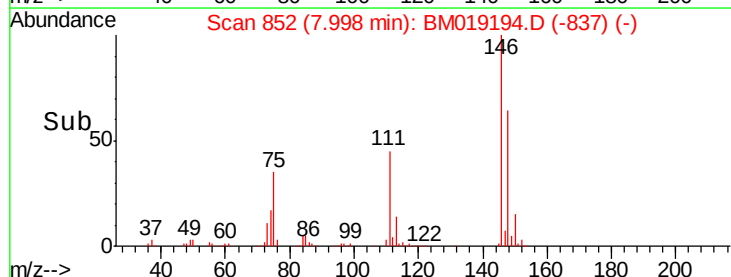
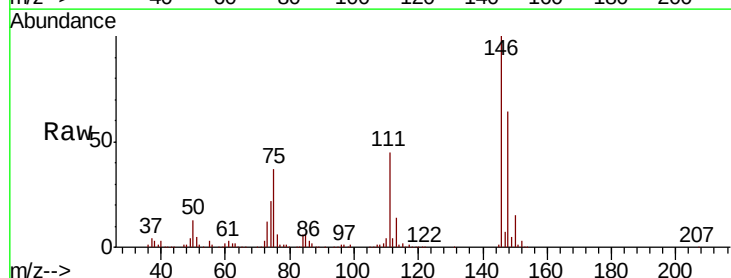
Manual Integrations
APPROVED

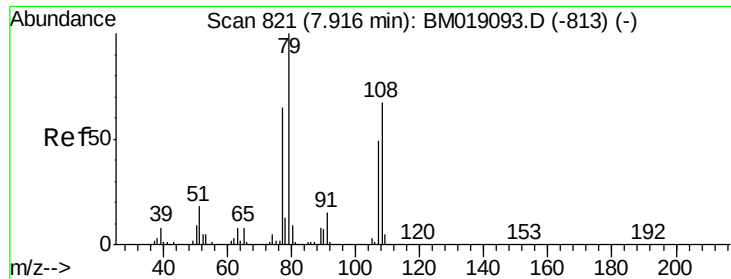
Sohil
3/18/2019 3:04:35 PM



#14
1,2-Dichlorobenzene
Concen: 36.284 ng
RT: 8.00 min Scan# 852
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	45.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.025 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

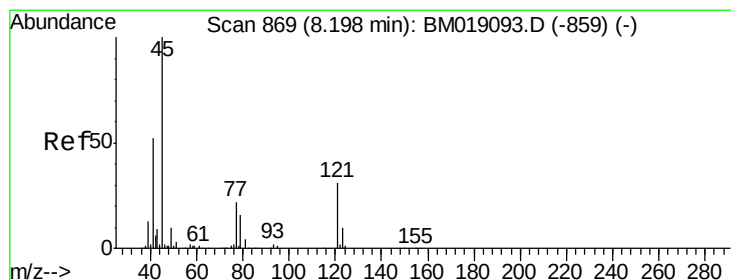
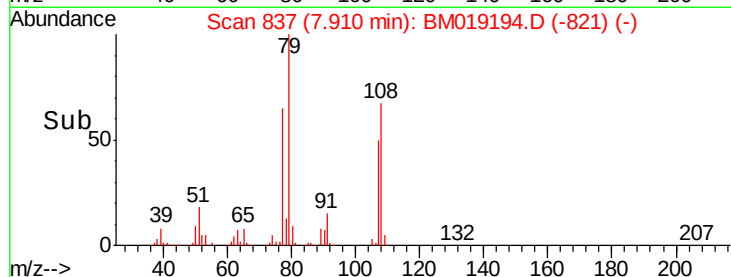
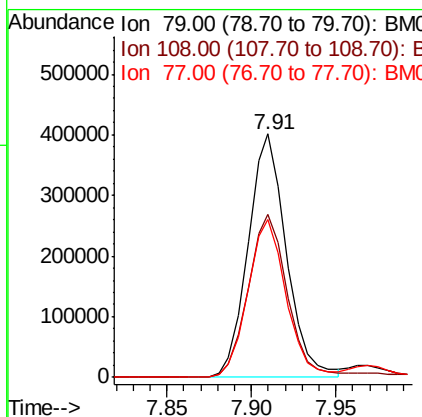
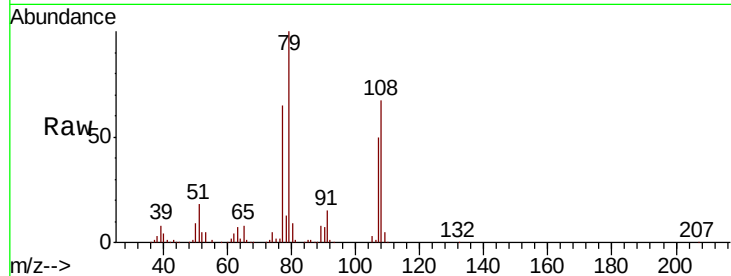
ClientSampled :

TP-5MS

Tot Ion:	79	Resp:	633250
Ion Ratio	Lower	Upper	
79	100		
108	67.1	53.7	80.5
77	64.8	51.8	77.8

Manual Integrations
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Sohil
3/18/2019 3:04:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.002 ng

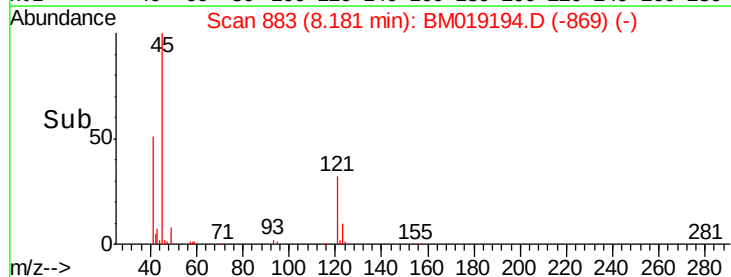
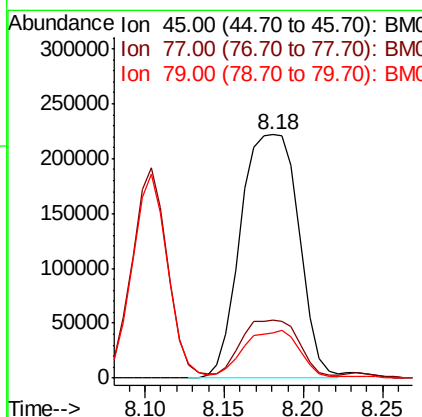
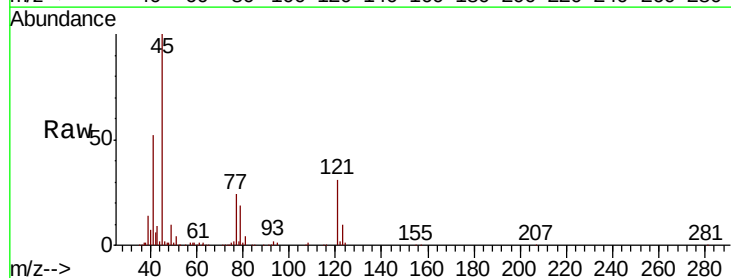
RT: 8.18 min Scan# 883

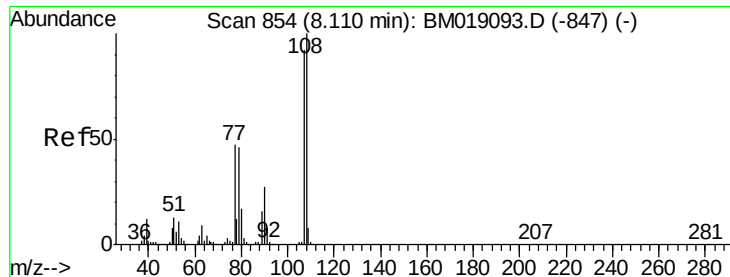
Delta R.T. -0.02 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:	45	Resp:	563812
Ion Ratio	Lower	Upper	
45	100		
77	24.1	4.1	44.1
79	18.5	0.0	38.1





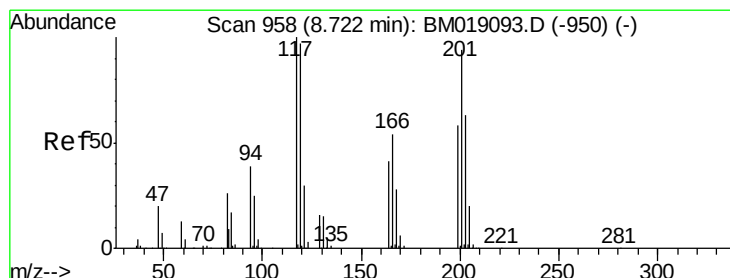
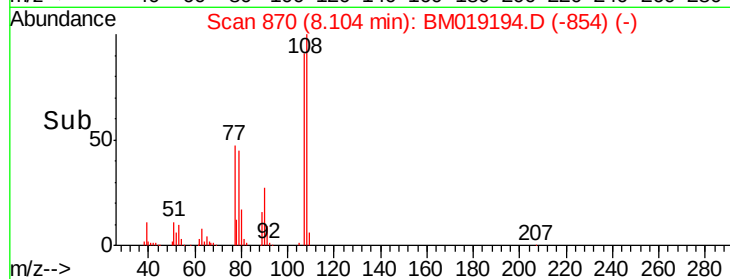
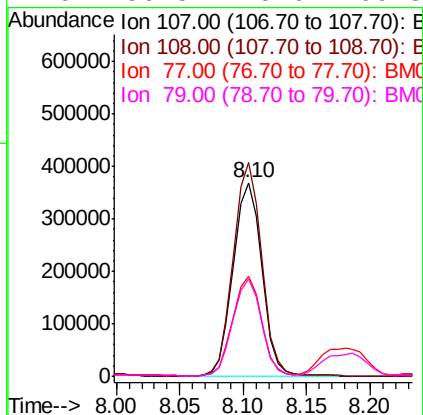
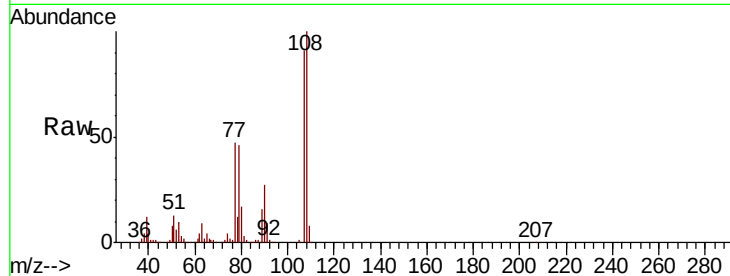
#17
2-Methylphenol
Concen: 43.933 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	87.4	131.2	
77	51.9	41.6	62.4	
79	50.5	40.6	60.8	

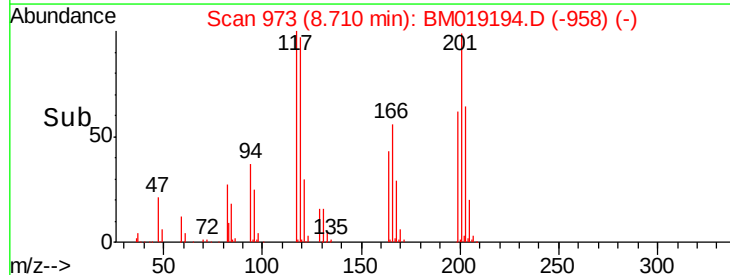
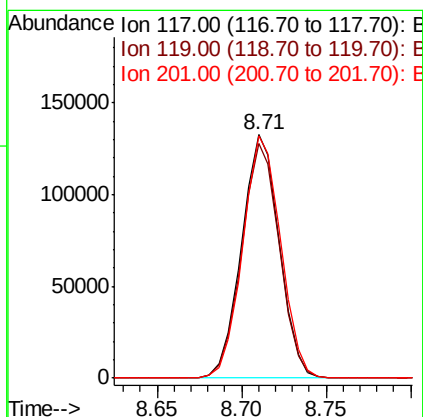
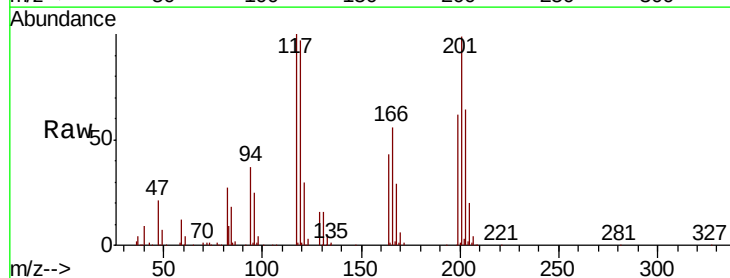
Manual Integrations
APPROVED

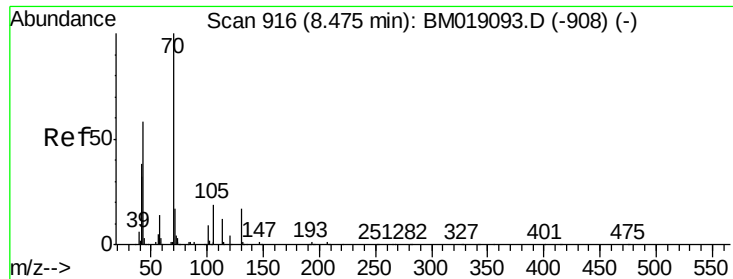
Sohil
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#18
Hexachloroethane
Concen: 33.574 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.4	116.2	
201	99.3	75.2	112.8	





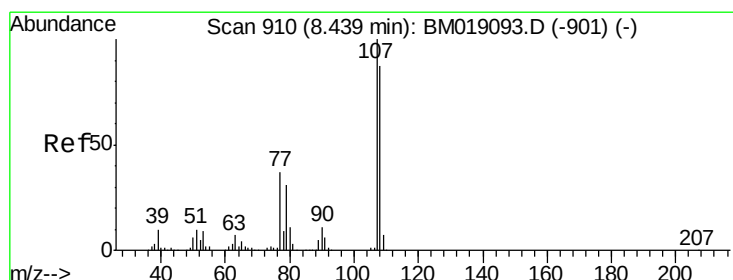
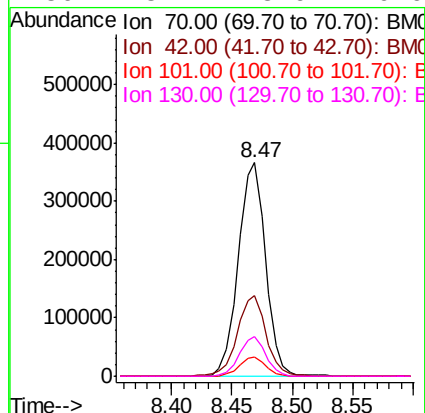
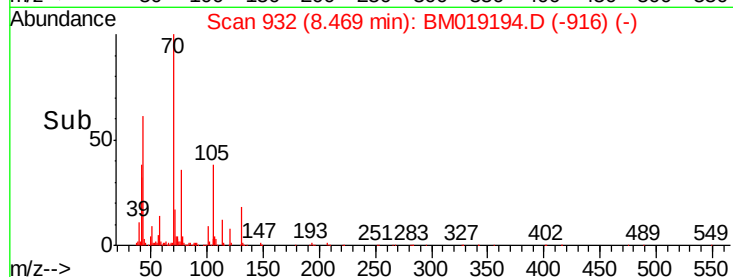
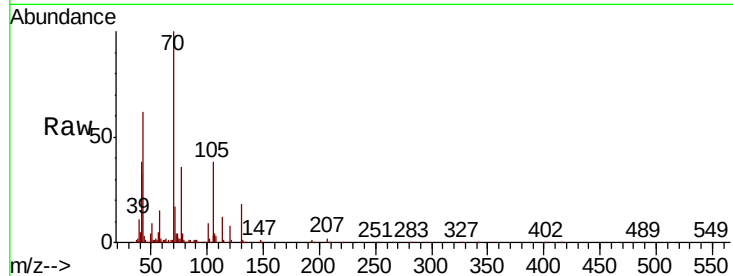
#19
n-Nitroso-di-n-propylamine
Concen: 37.821 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.0	30.6	45.8
101	9.1	6.8	10.2
130	18.4	13.9	20.9

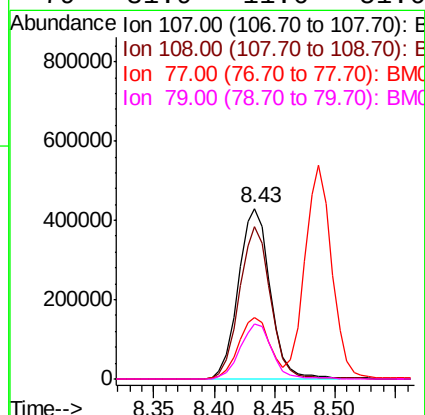
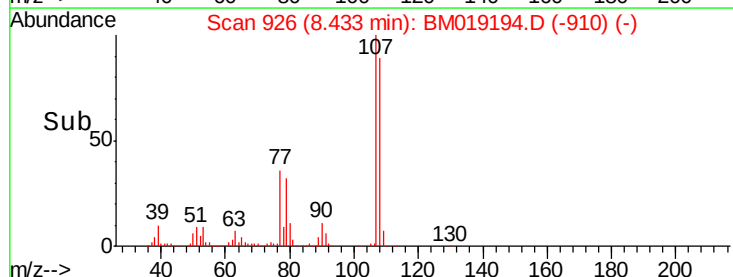
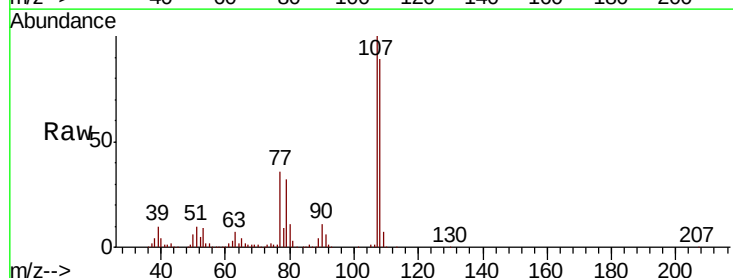
Manual Integrations
APPROVED

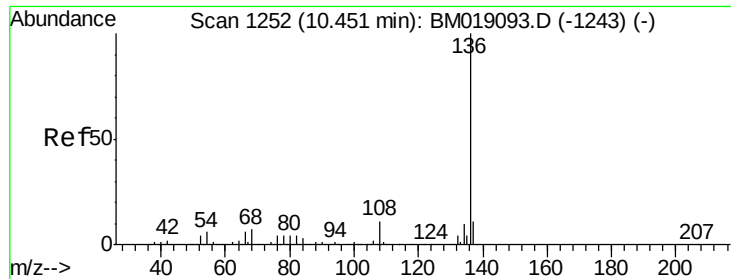
Sohil
3/18/2019 3:04:35 PM



#20
3+4-Methylphenols
Concen: 44.591 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.0	107.0
77	36.3	17.3	57.3
79	31.9	11.6	51.6





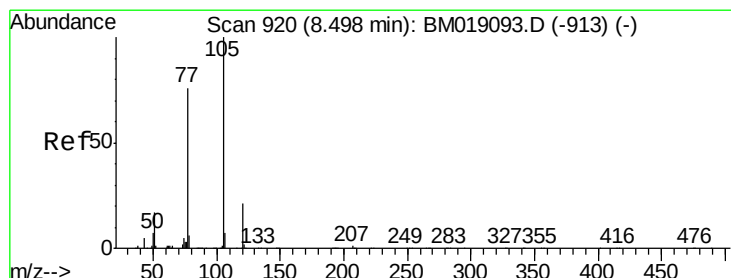
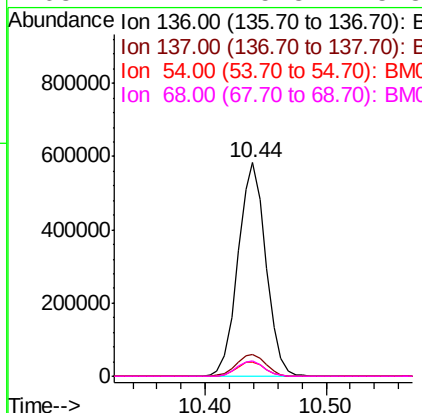
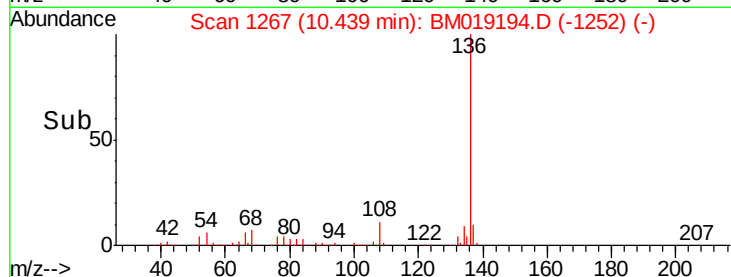
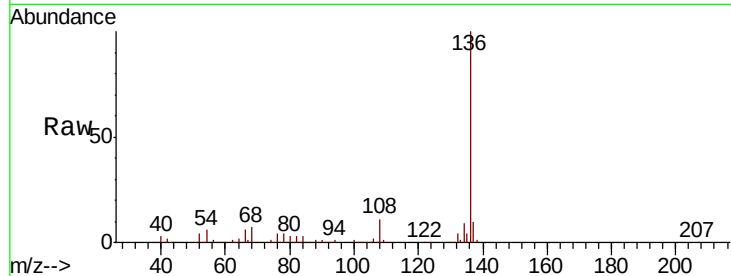
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	938599		
137	10.4		8.6	13.0
54	6.4		5.2	7.8
68	7.2		5.8	8.8

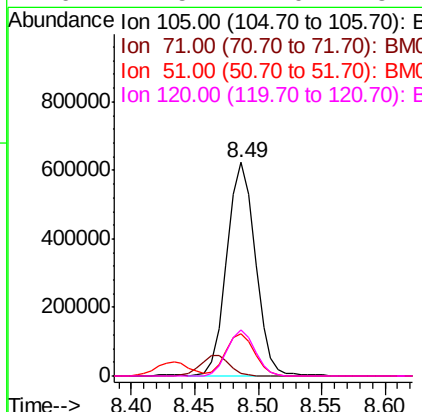
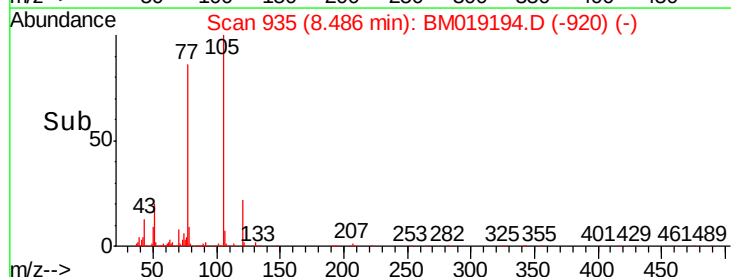
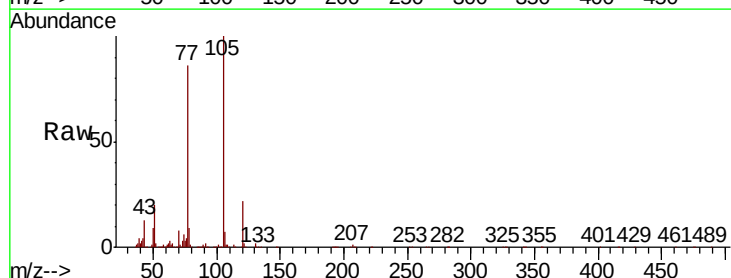
Manual Integrations
APPROVED

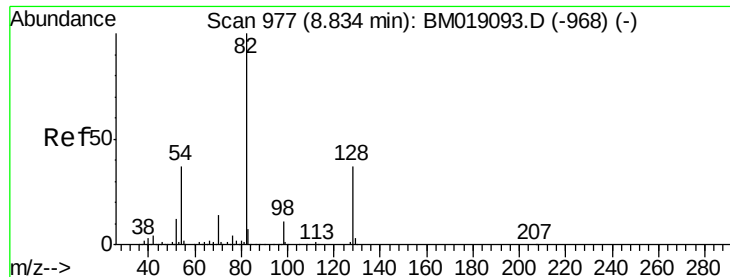
Sohil
3/18/2019 3:04:35 PM



#22
Acetophenone
Concen: 37.102 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	962380		
71	1.5		0.8	1.2#
51	19.8		15.8	23.6
120	21.5		17.0	25.4





#23

Nitrobenzene-d5

Concen: 82.117 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

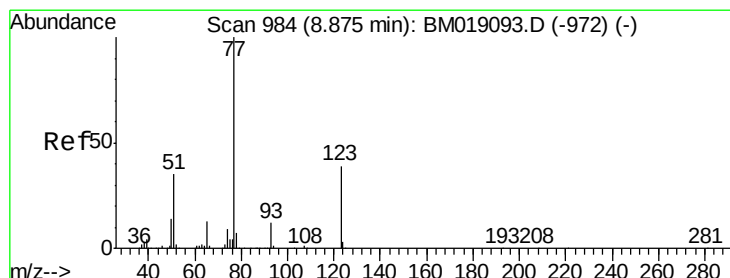
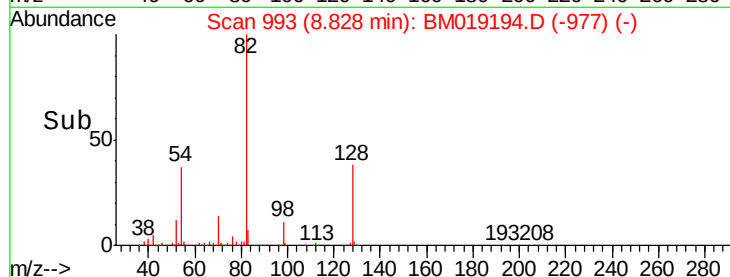
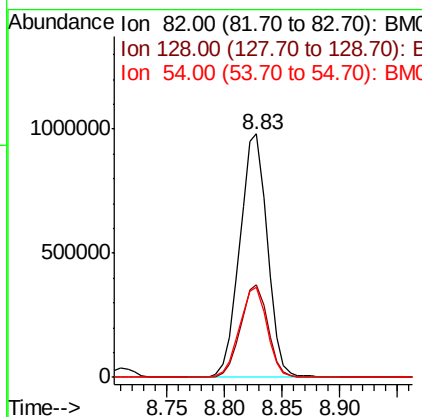
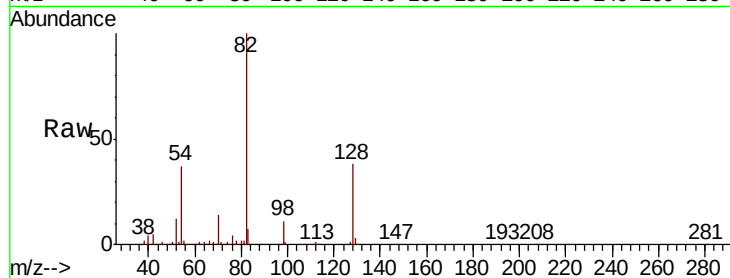
ClientSampled :

TP-5MS

Tot Ion:	82	Resp:	1630521
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	36.8	29.9	44.9

Manual Integrations
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3/18/2019 3:04:35 PM



#24

Nitrobenzene

Concen: 39.592 ng

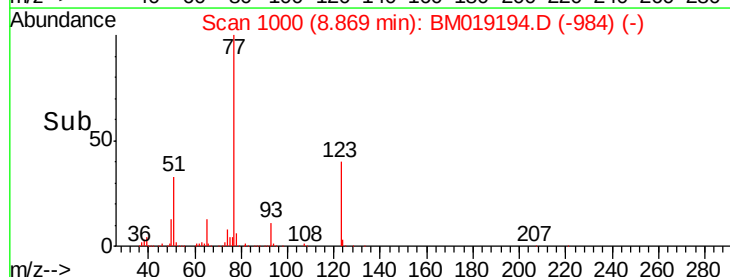
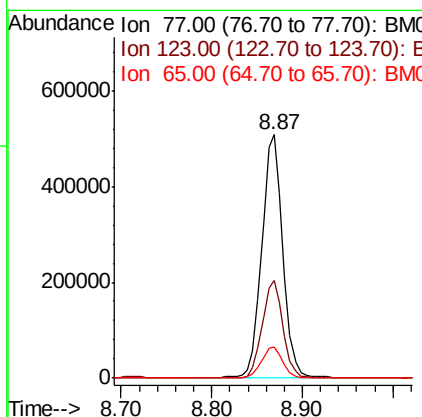
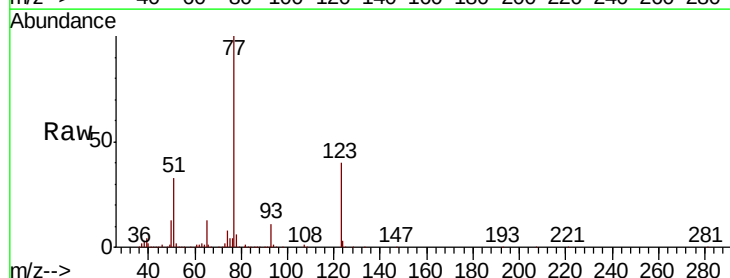
RT: 8.87 min Scan# 1000

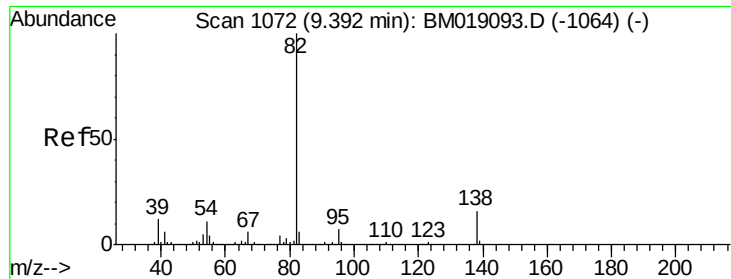
Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:	77	Resp:	817599
Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.3	46.9
65	13.0	10.5	15.7





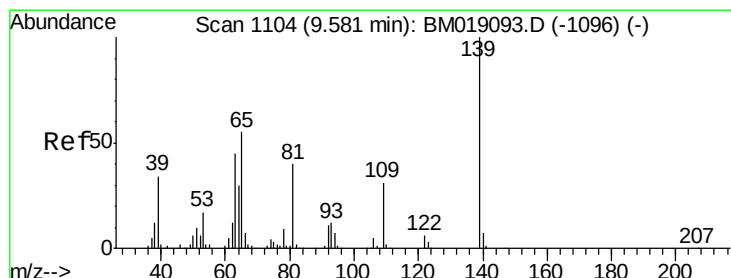
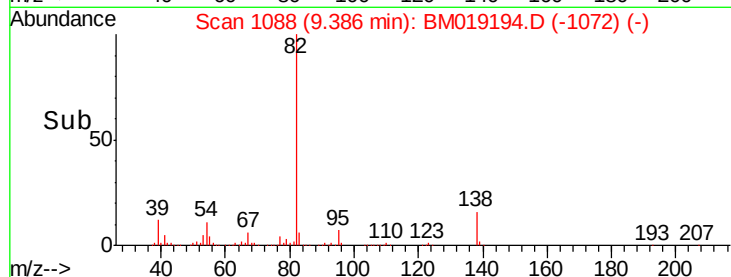
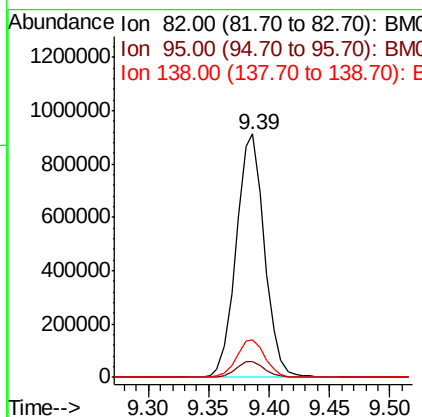
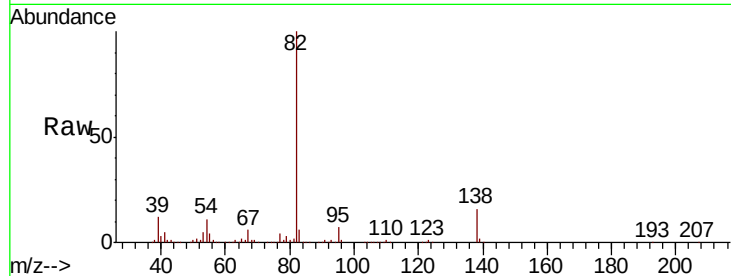
#25
Isophorone
Concen: 39.321 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	15.5	12.6	18.8

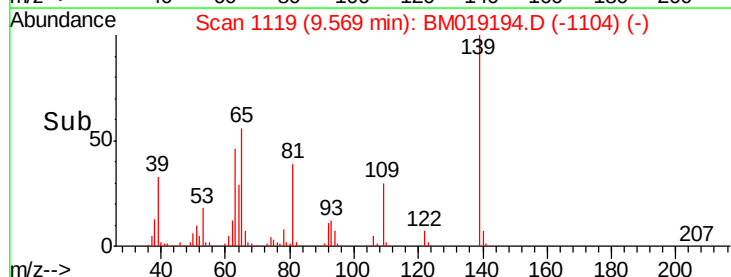
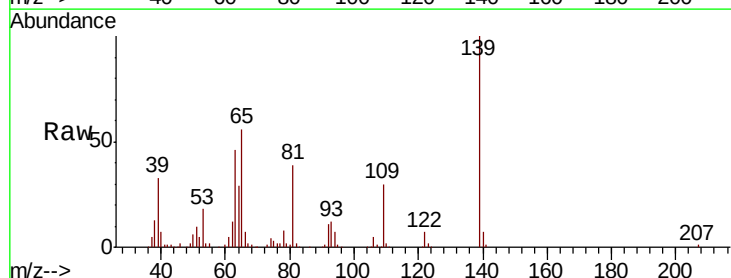
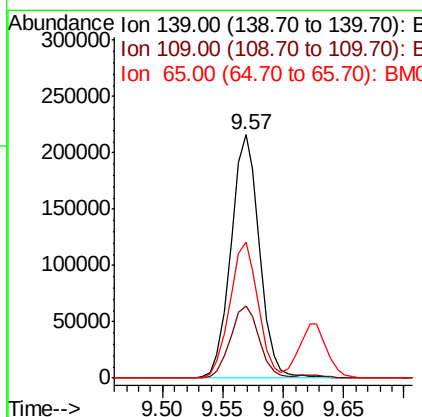
Manual Integrations
APPROVED

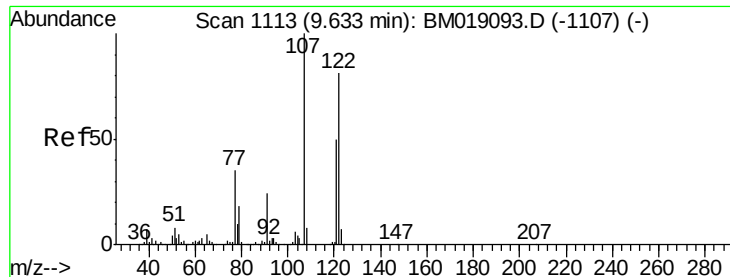
Sohil
3/18/2019 3:04:35 PM



#26
2-Nitrophenol
Concen: 41.541 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.8	24.5	36.7
65	55.8	44.4	66.6





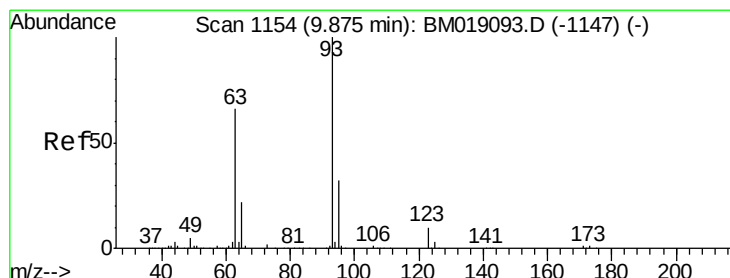
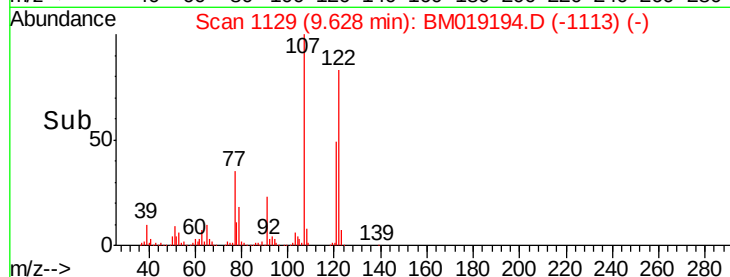
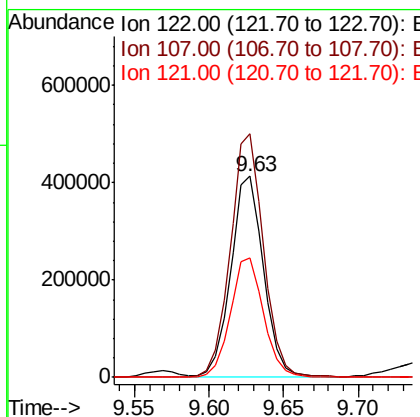
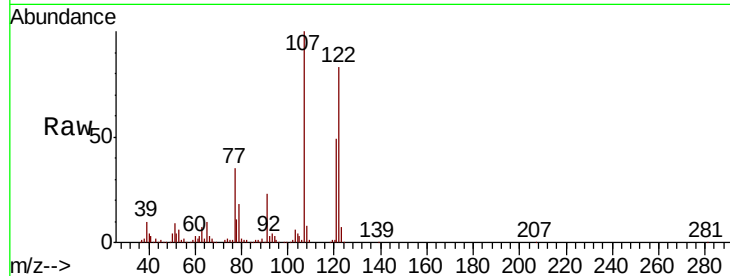
#27
 2,4-Dimethylphenol
 Concen: 49.450 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	98.2	147.4
121	59.4	48.8	73.2

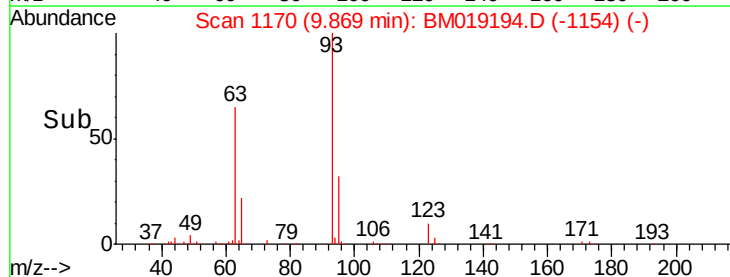
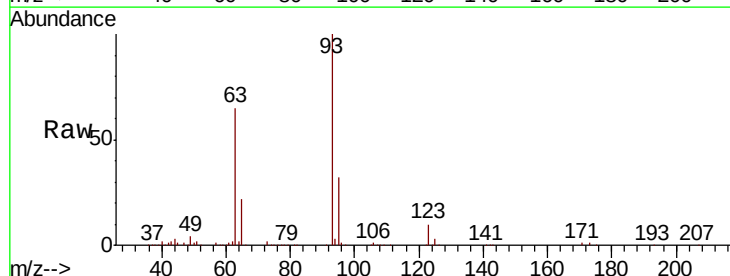
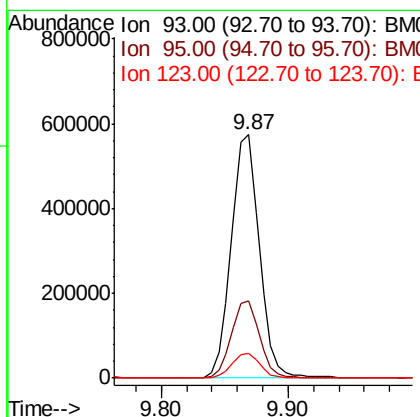
Manual Integrations
 APPROVED

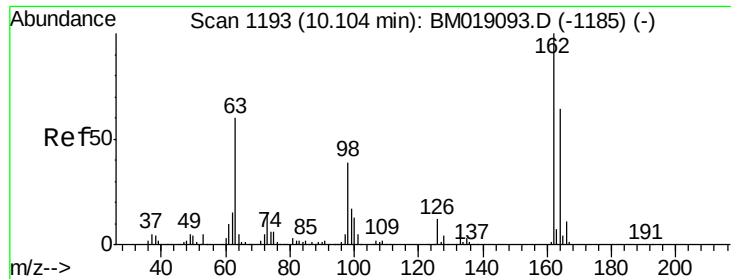
Sohil
 3/18/2019 3:04:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.221 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.8	38.8
123	10.2	7.9	11.9





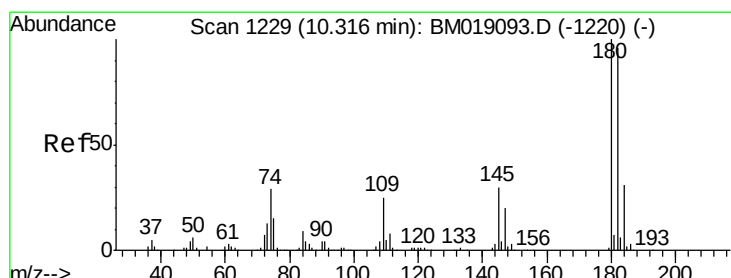
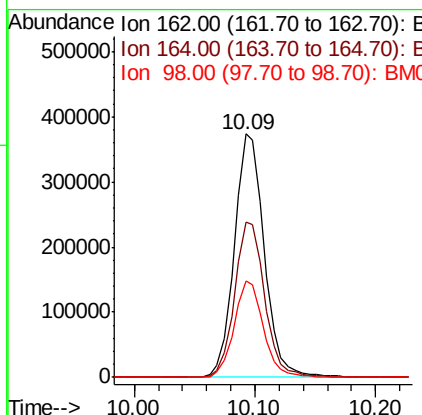
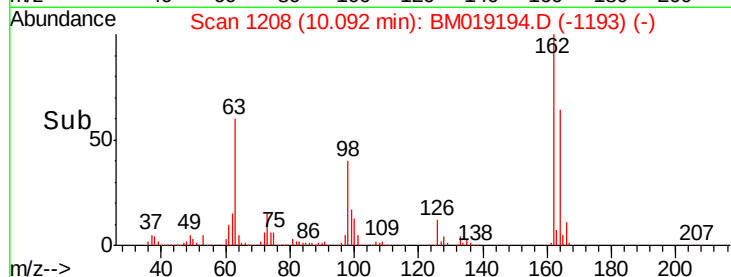
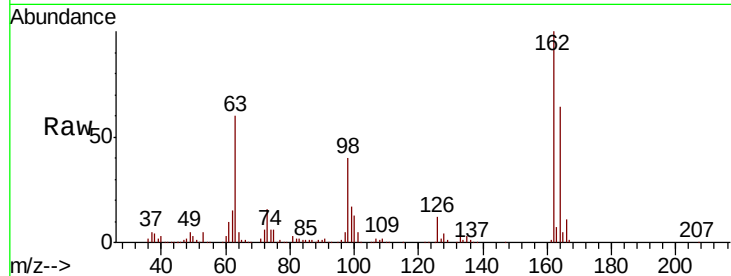
#29
2,4-Dichlorophenol
Concen: 45.817 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	43.5	83.5
98	39.8	19.1	59.1

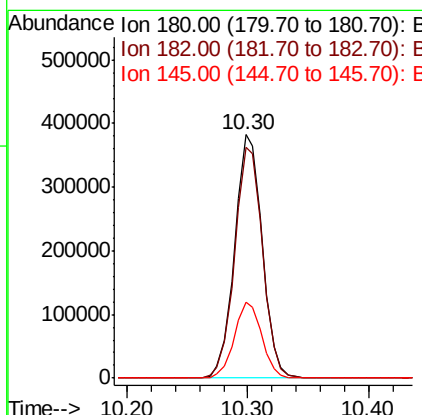
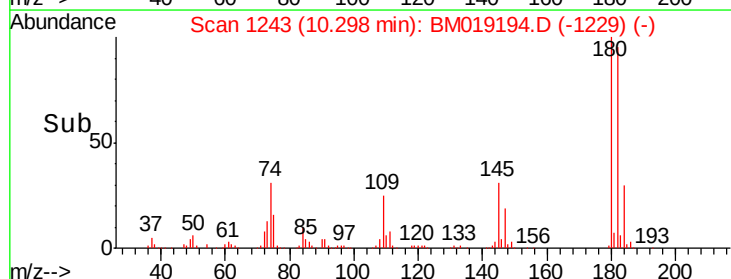
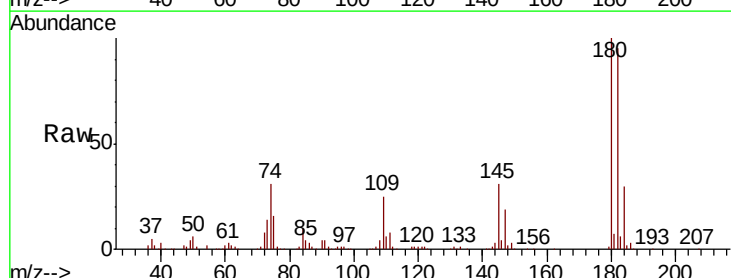
Manual Integrations
APPROVED

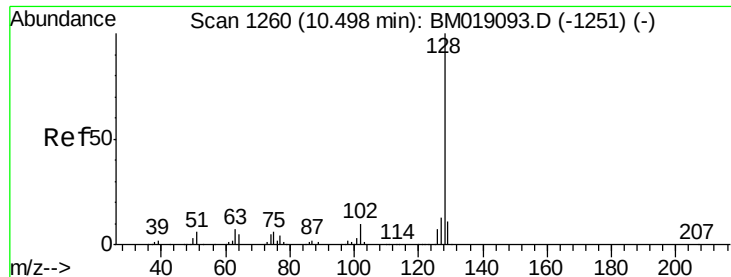
Sohil
3/18/2019 3:04:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.388 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	76.6	114.8
145	31.1	24.3	36.5





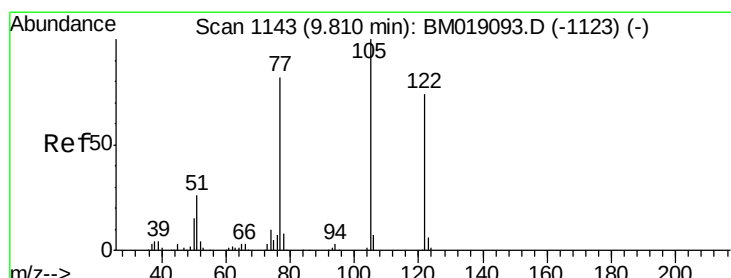
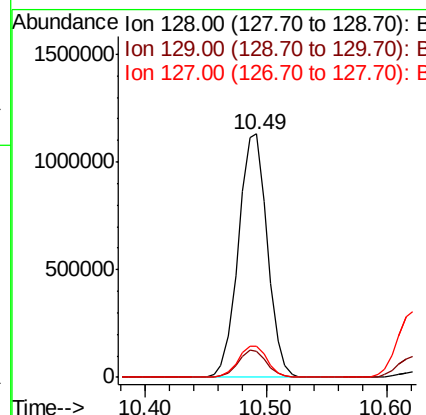
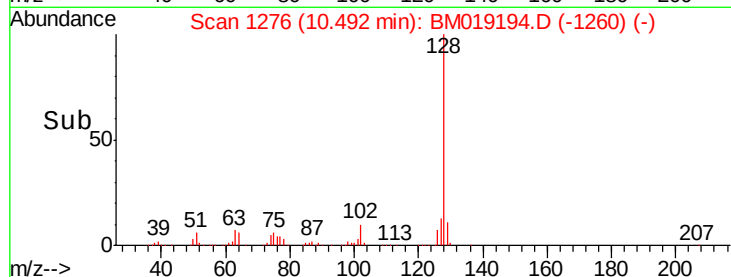
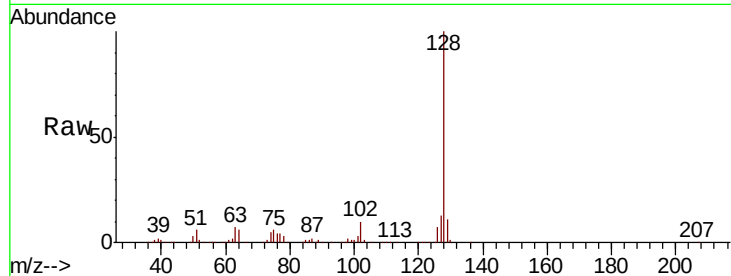
#31
Naphthalene
Concen: 38.200 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.0	10.4	15.6

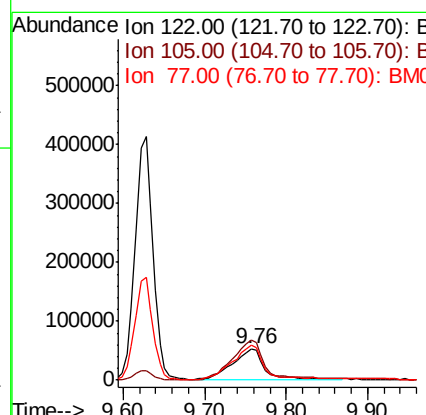
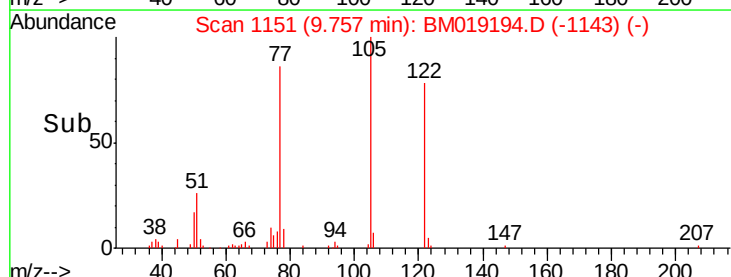
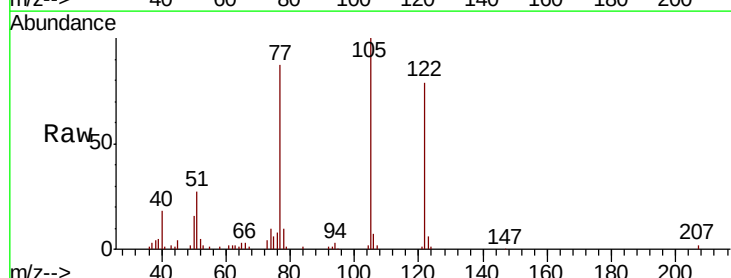
Manual Integrations
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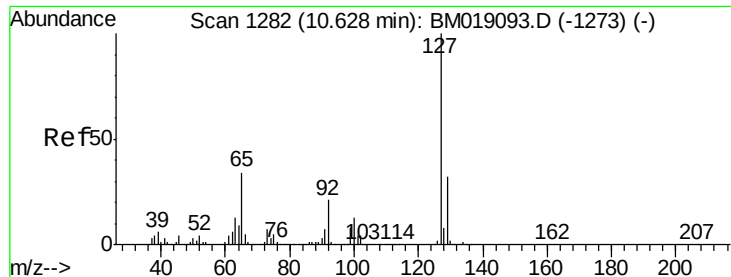
Sohil
3/18/2019 3:04:35 PM



#32
Benzoic acid
Concen: 14.020 ng m
RT: 9.76 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	113.0	153.0
77	109.8	90.1	130.1





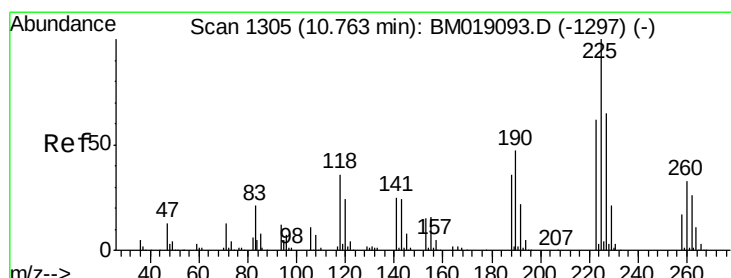
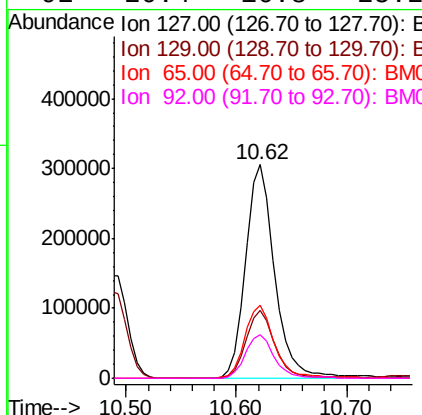
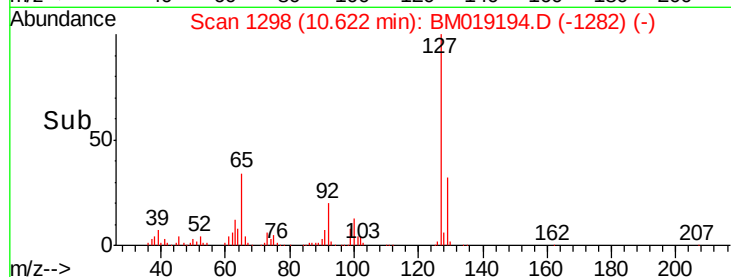
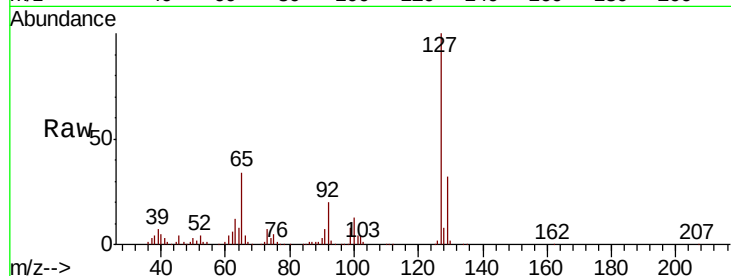
#33
4-Chloroaniline
Concen: 27.804 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion:	127	Resp:	563840
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.3	37.9
65	34.4	27.4	41.2
92	20.4	16.8	25.2

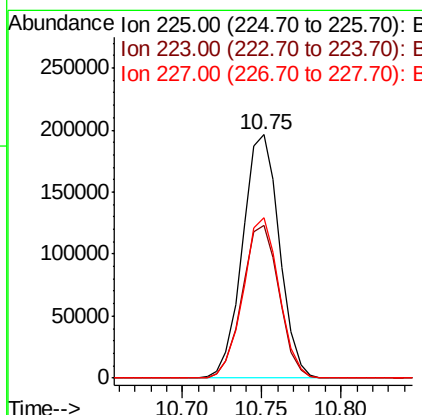
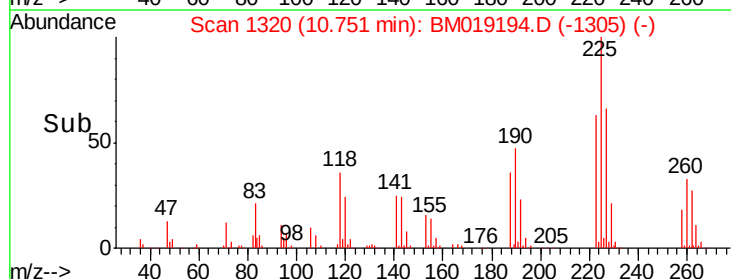
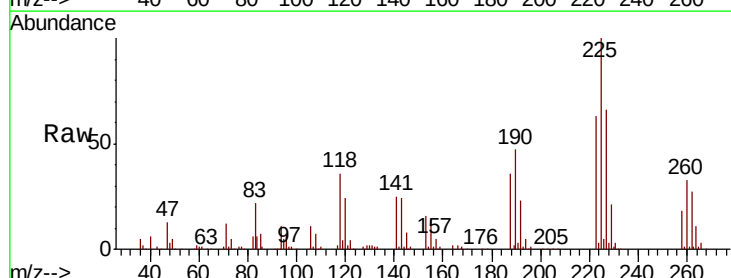
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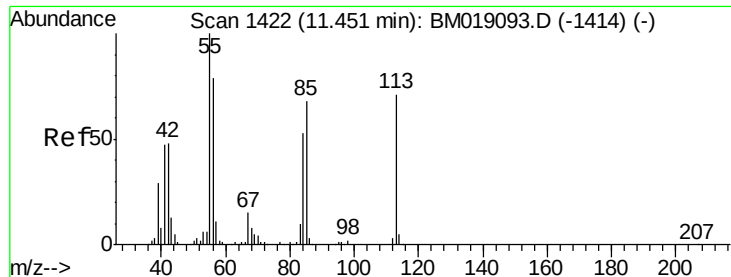
Sohil
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#34
Hexachlorobutadiene
Concen: 34.617 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:	225	Resp:	315705
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.4	74.0
227	66.0	51.6	77.4





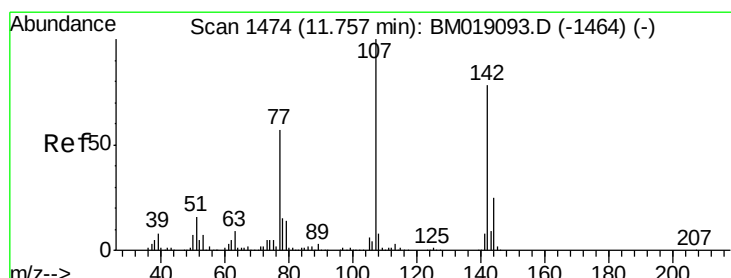
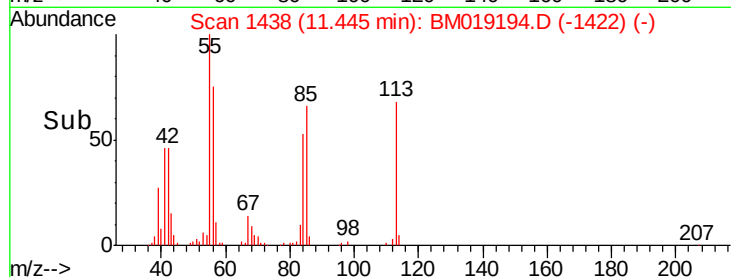
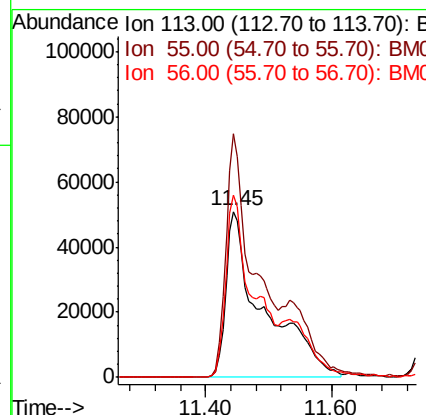
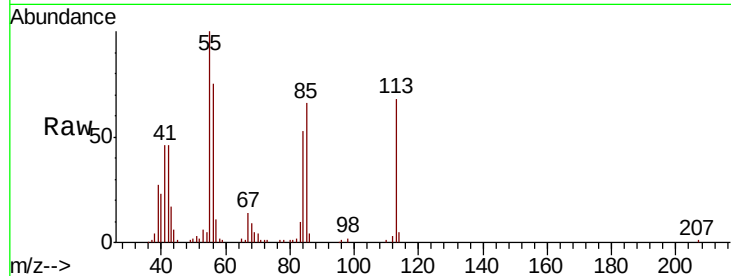
#35
Caprolactam
Concen: 41.939 ng/ml
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	146.9	120.1	160.1	
56	109.7	90.1	130.1	

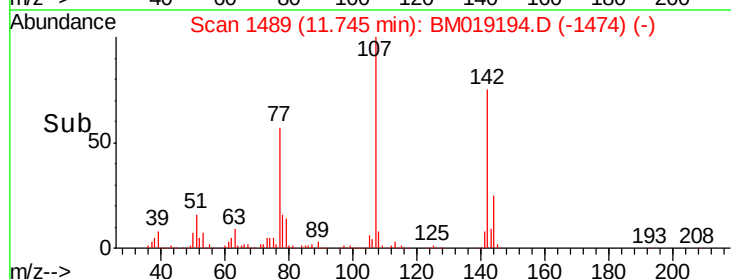
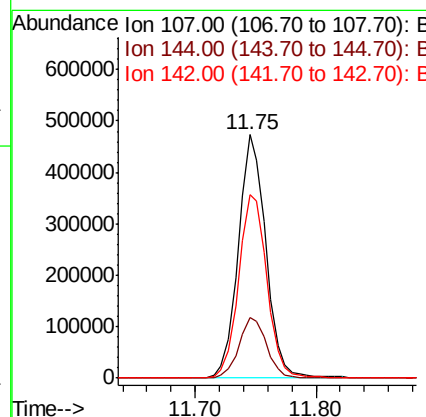
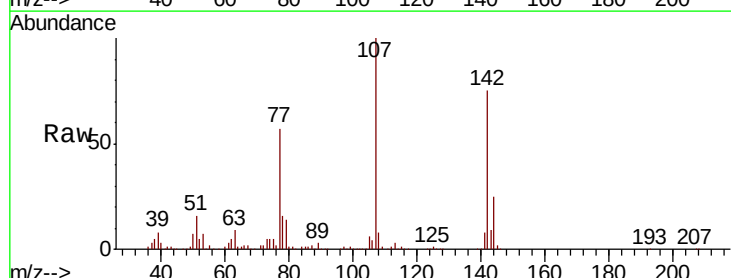
Manual Integrations
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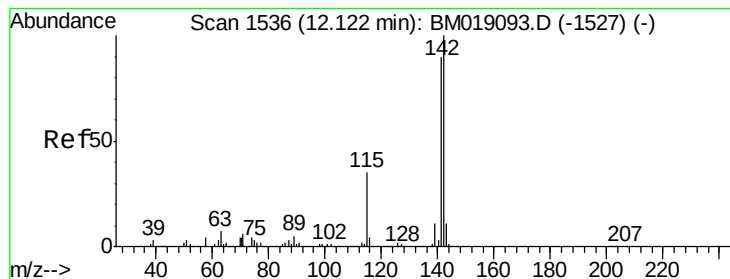
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#36
4-Chloro-3-methylphenol
Concen: 43.438 ng
RT: 11.75 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	20.2	30.4	
142	75.2	62.4	93.6	





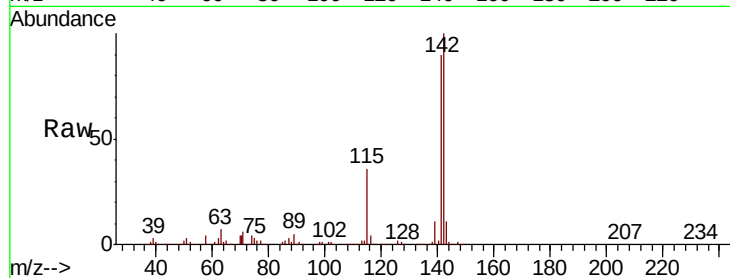
#37
2-Methylnaphthalene
Concen: 39.659 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	35.6	27.8	41.8

Manual Integrations
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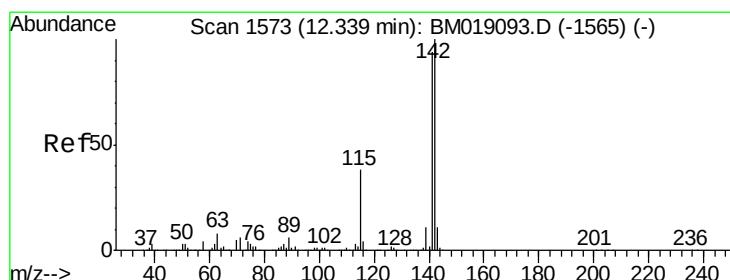
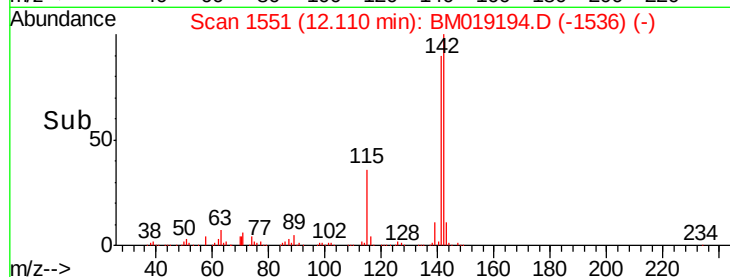
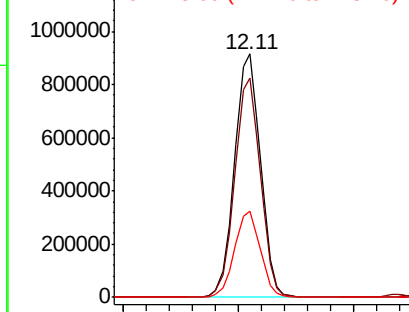


Abundance

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: 38.212 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

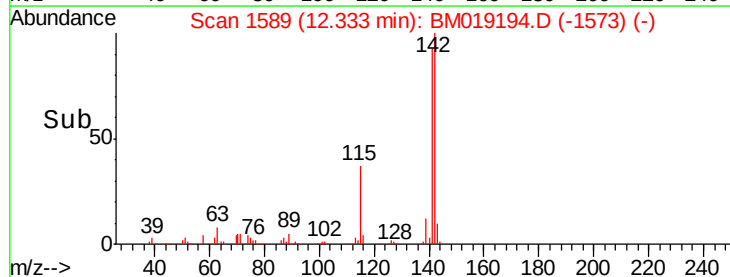
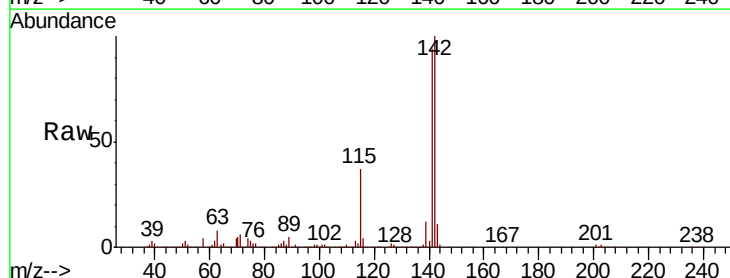
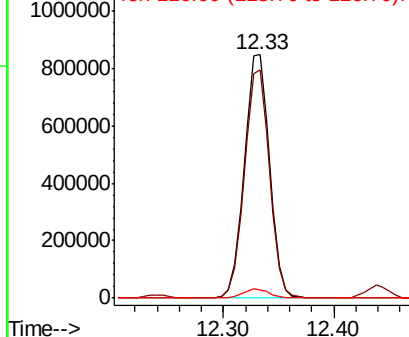
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.9	112.3
116	3.6	3.2	4.8

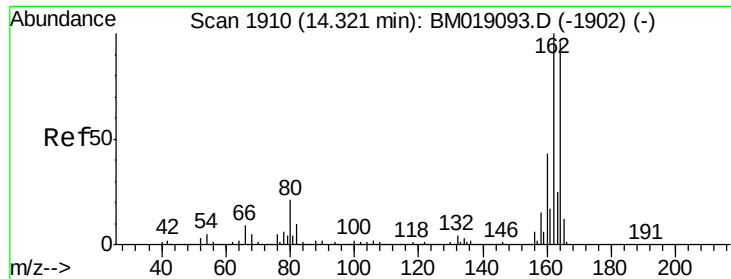
Abundance

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





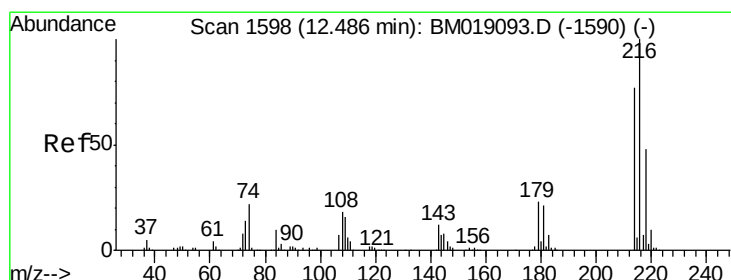
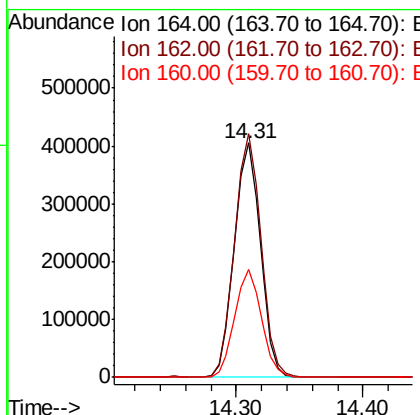
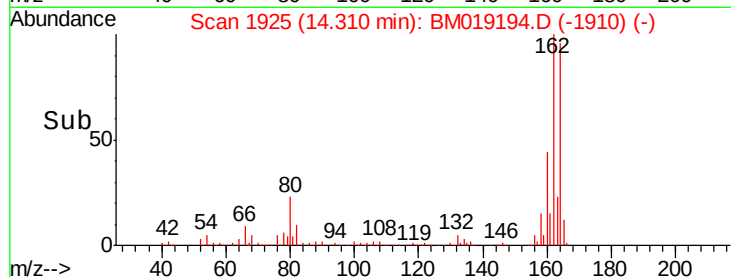
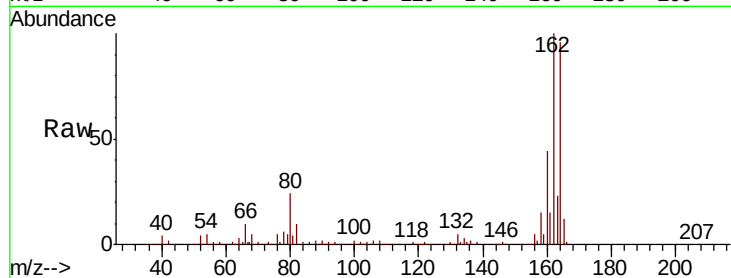
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	83.5	125.3	
160	46.0	36.3	54.5	

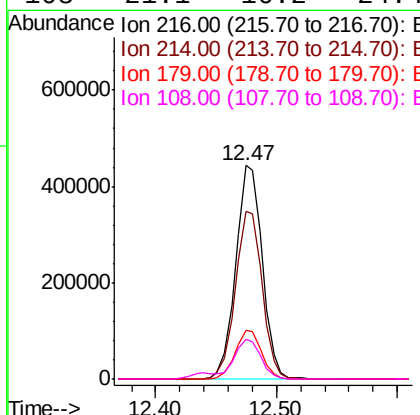
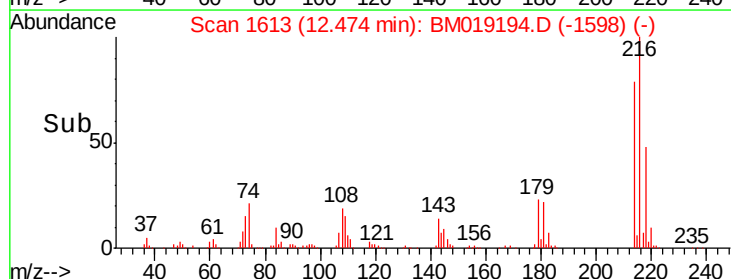
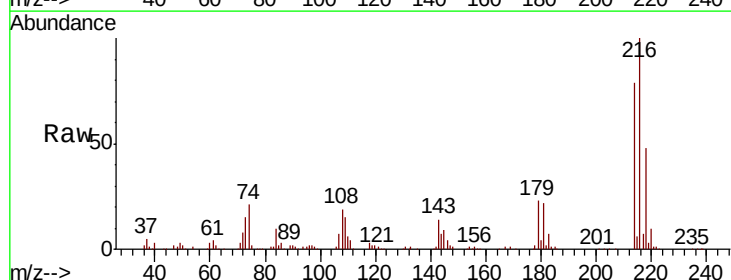
Manual Integrations
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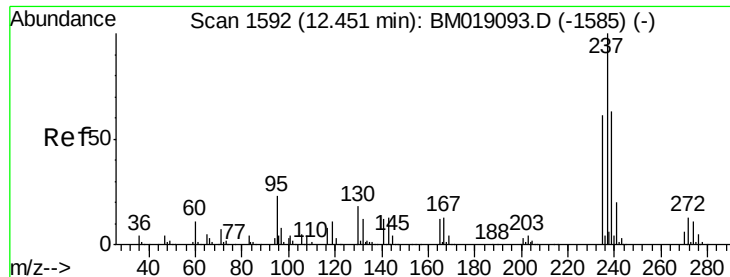
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.279 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	62.9	94.3	
179	22.8	18.0	27.0	
108	21.1	16.2	24.4	





#41

Hexachlorocyclopentadiene

Concen: 62.321 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

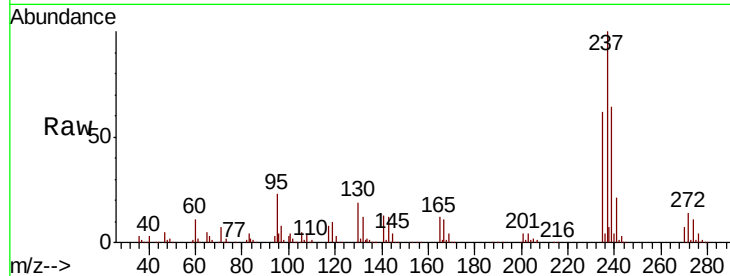
ClientSampleId :

TP-5MS

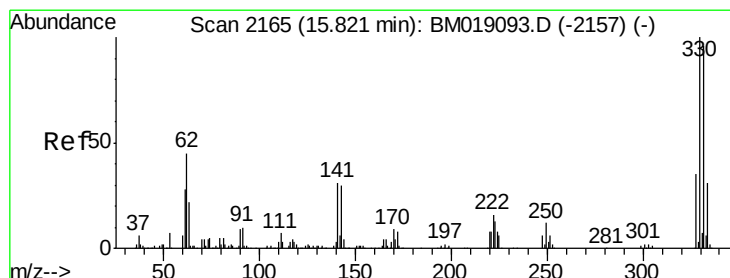
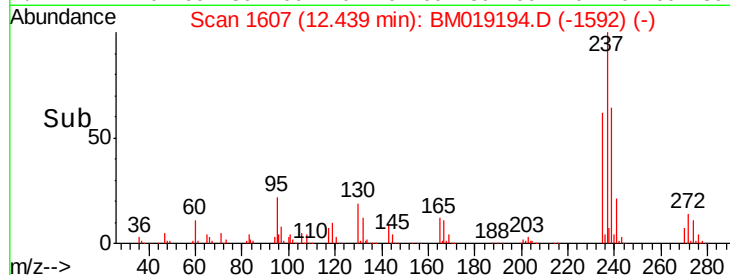
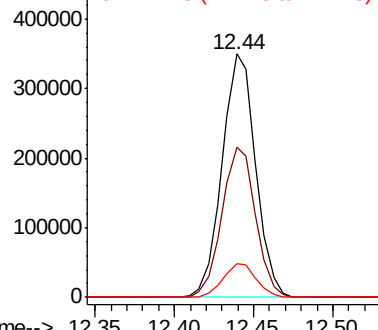
Tot Ion:	237	Resp:	513559
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.3	81.3
272	13.8	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 131.978 ng

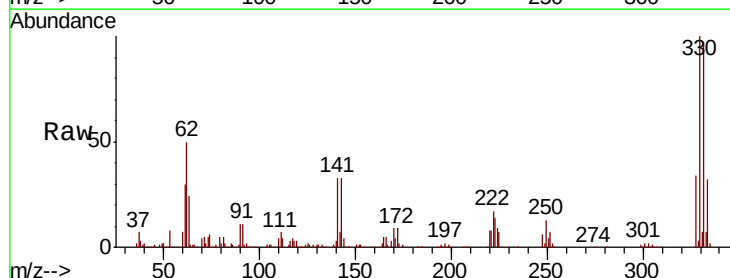
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

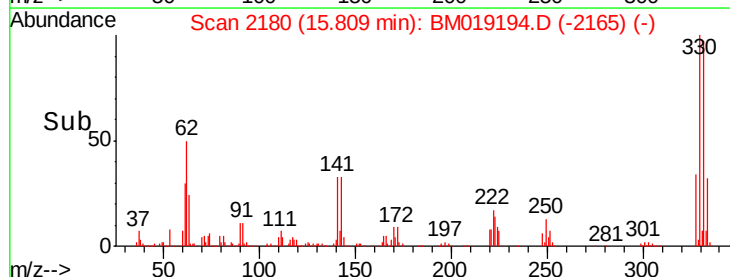
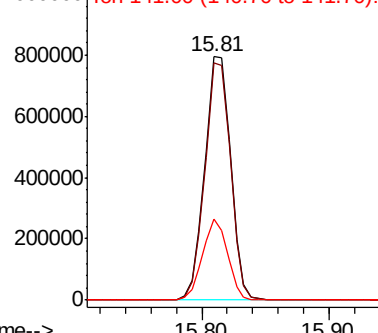
Lab File: BM019194.D

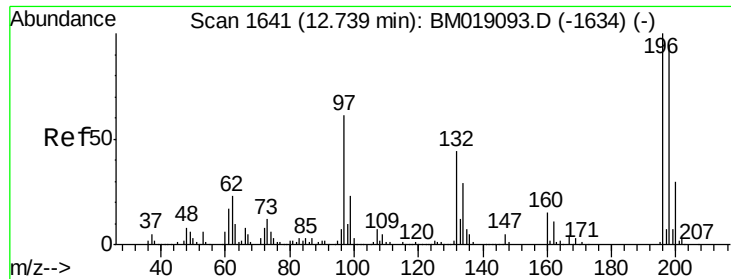
Acq: 15 Mar 2019 19:54

Tgt Ion:	330	Resp:	1120692
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.8	115.2
141	32.2	27.0	40.4



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





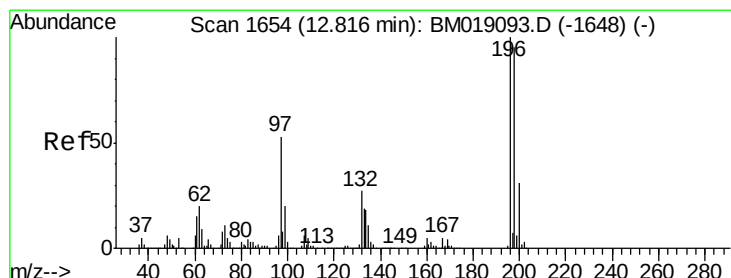
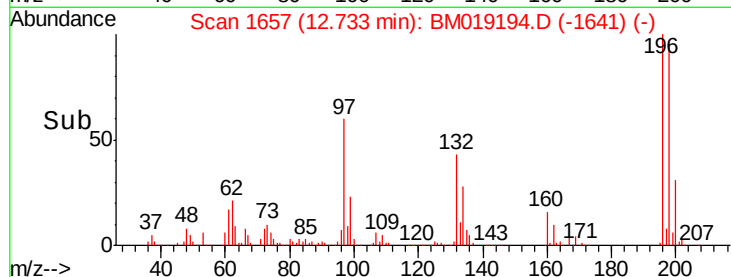
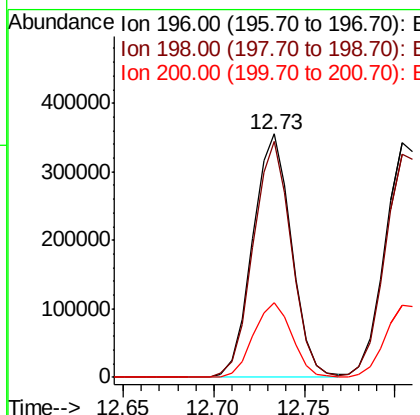
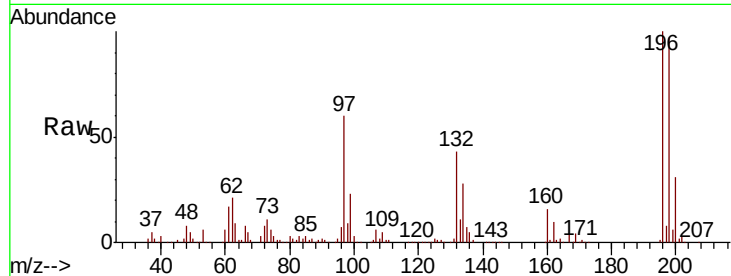
#43
 2,4,6-Trichlorophenol
 Concen: 44.760 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	526234		
198	96.9	75.4	113.0	
200	30.9	24.2	36.2	

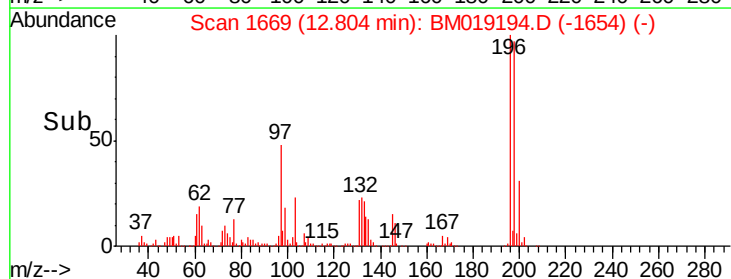
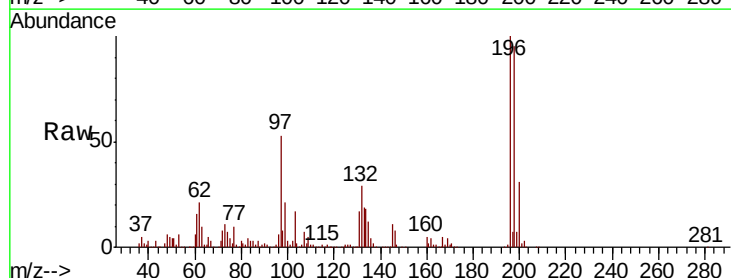
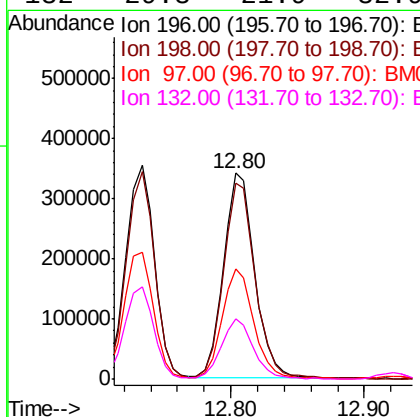
Manual Integrations
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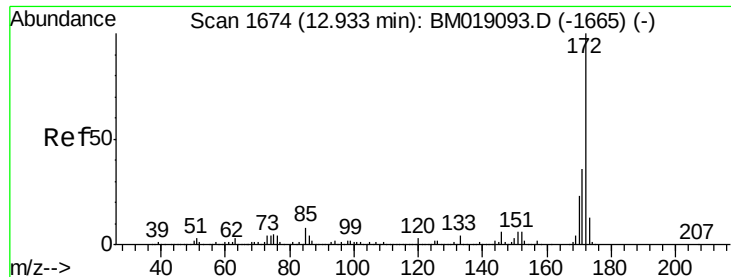
Sohil
 3/18/2019 3:04:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.217 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555900		
198	95.3	75.9	113.9	
97	53.4	42.5	63.7	
132	29.3	21.9	32.9	





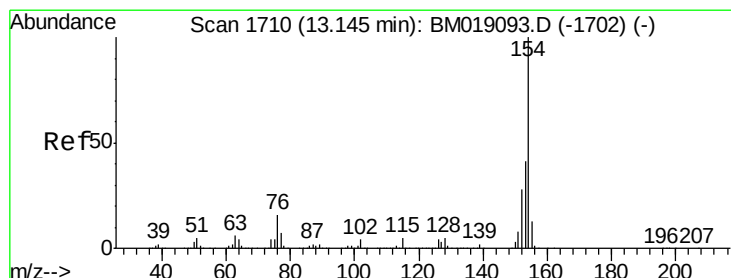
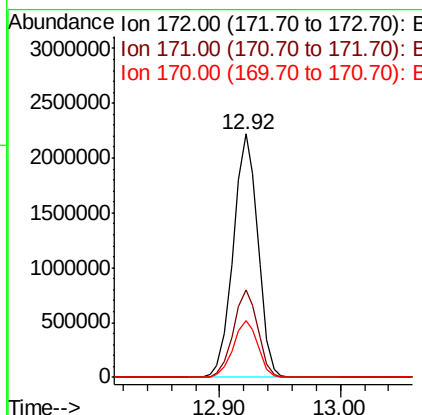
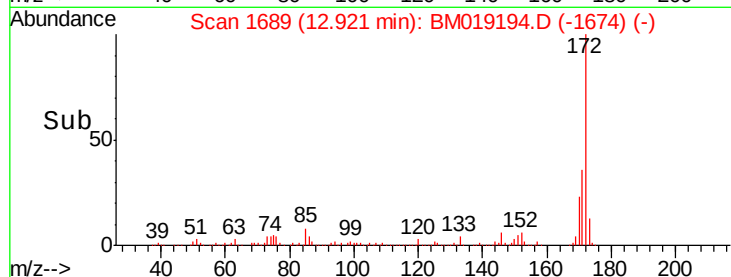
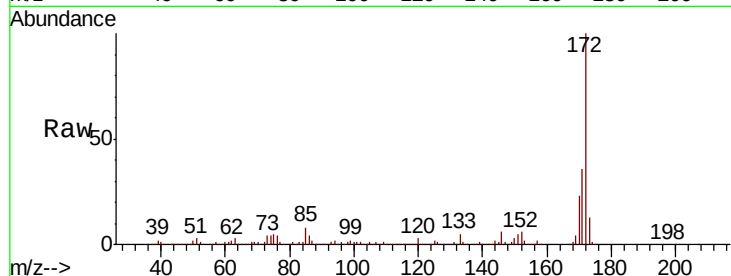
#45
2-Fluorobiphenyl
Concen: 71.307 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.2	18.6	28.0

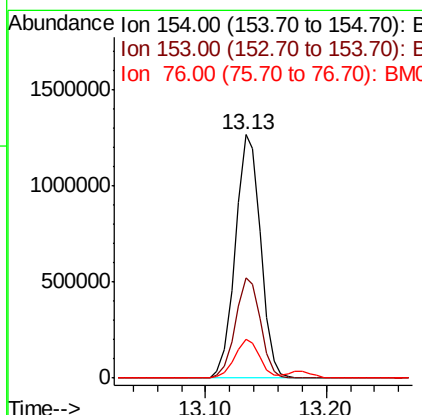
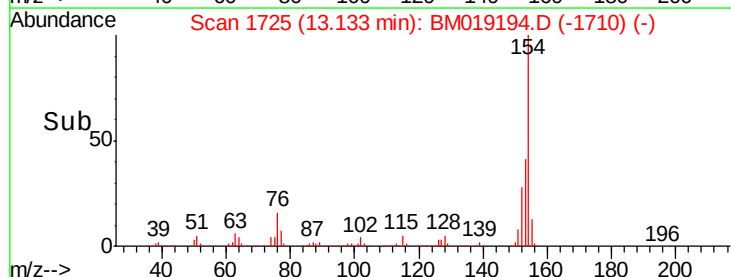
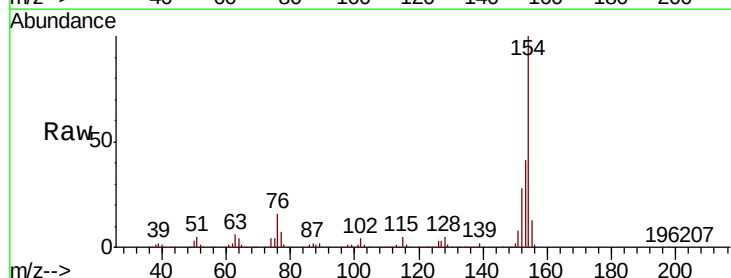
Manual Integrations
APPROVED

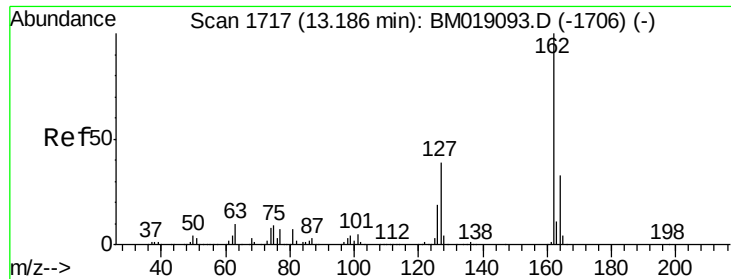
Sohil
3/18/2019 3:04:35 PM



#46
1,1'-Biphenyl
Concen: 36.685 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.5	61.5
76	15.9	0.0	35.8





#47

2-Chloronaphthalene

Concen: 38.756 ng

RT: 13.18 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

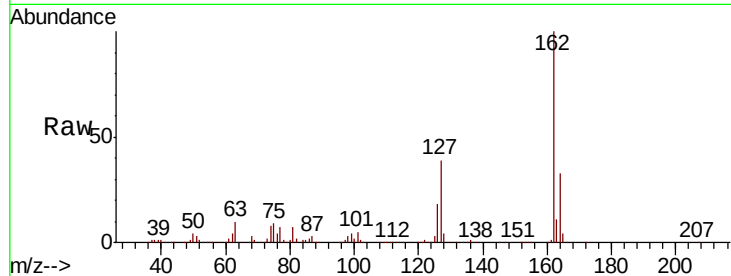
ClientSampled :

TP-5MS

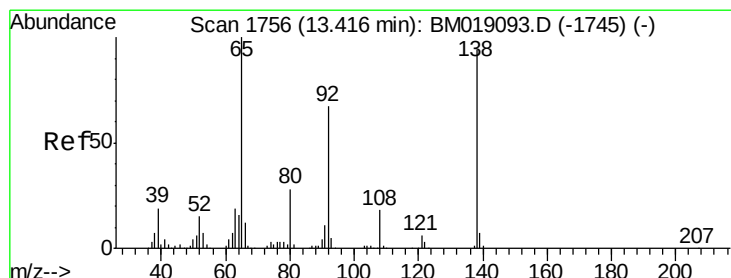
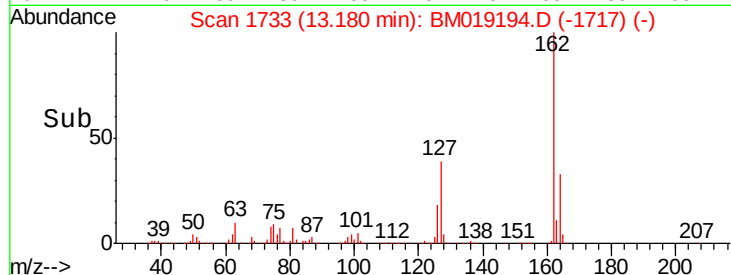
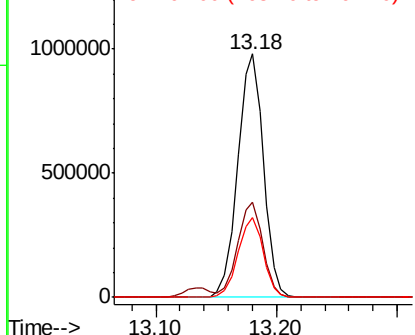
Tot Ion:	162	Resp:	1452981
Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.2	46.8
164	32.8	26.3	39.5

Manual Integrations
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3/18/2019 3:04:35 PM



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



#48

2-Nitroaniline

Concen: 42.427 ng

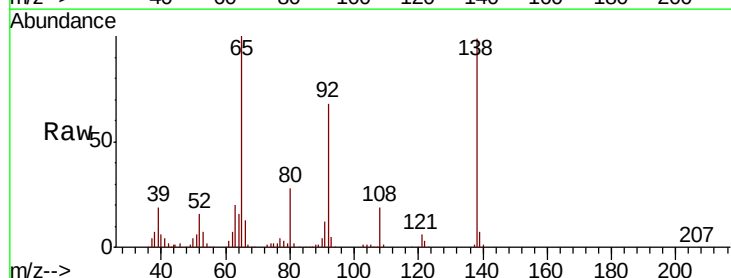
RT: 13.41 min Scan# 1772

Delta R.T. -0.01 min

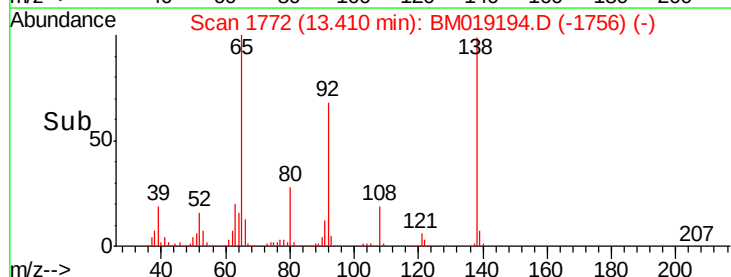
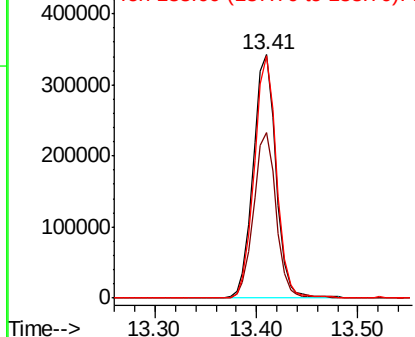
Lab File: BM019194.D

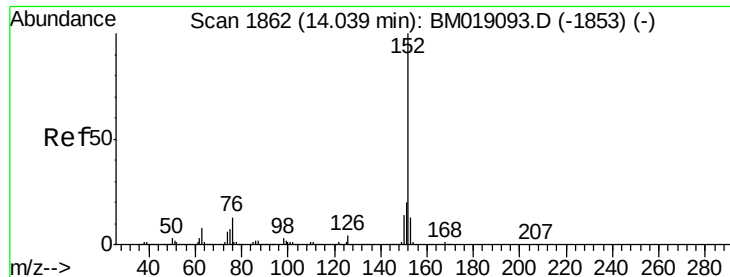
Acq: 15 Mar 2019 19:54

Tgt Ion:	65	Resp:	533446
Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.4	80.2
138	99.3	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.570 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion:152 Resp: 2381594

Ion Ratio Lower Upper

152 100

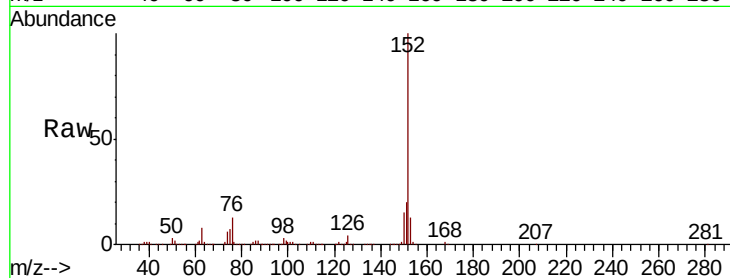
151 20.0 16.2 24.2

153 13.1 10.6 15.8

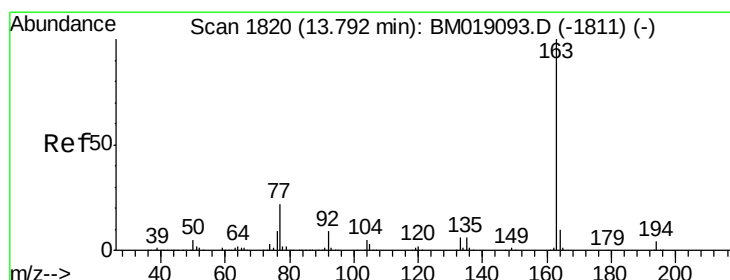
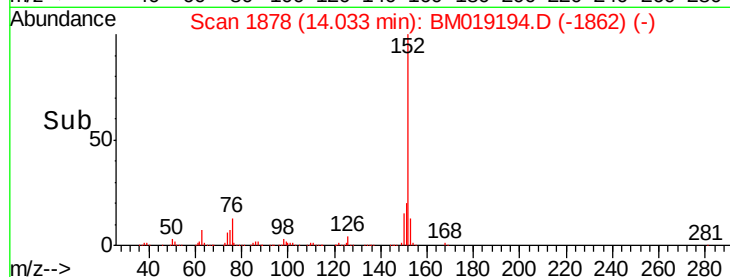
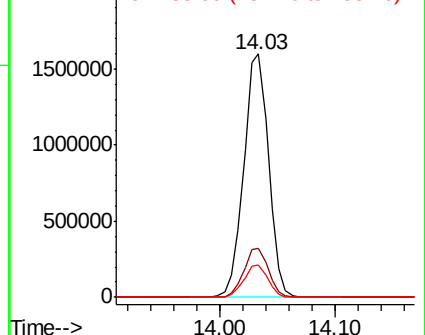
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.106 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

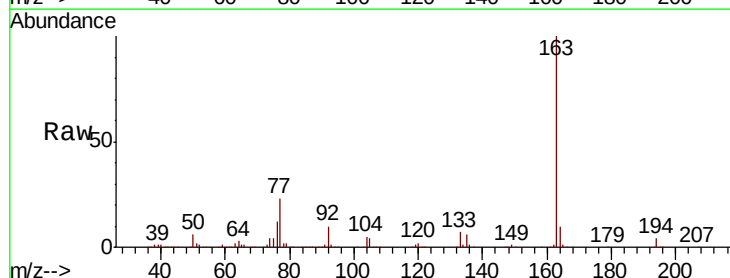
Tgt Ion:163 Resp: 2268365

Ion Ratio Lower Upper

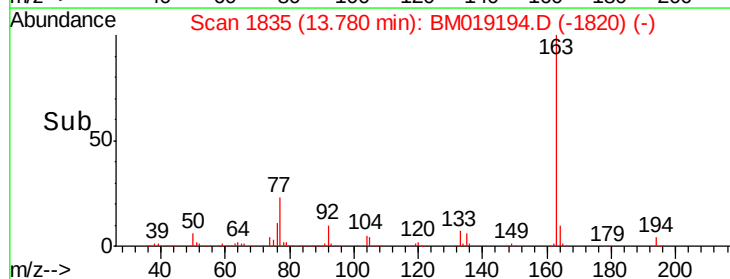
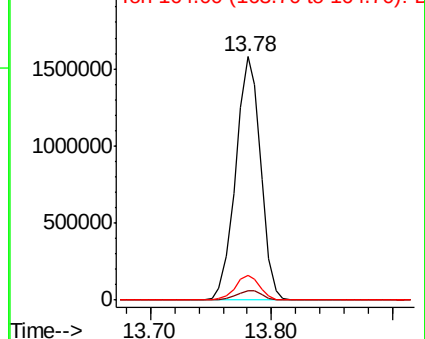
163 100

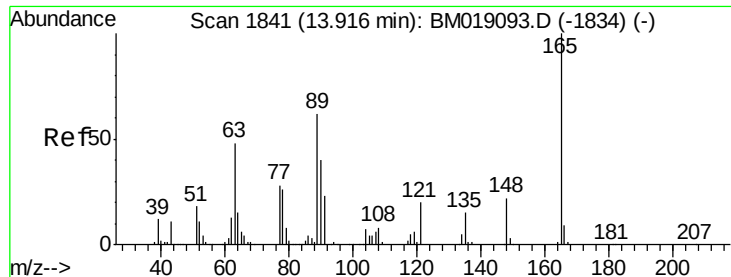
194 3.9 3.3 4.9

164 10.2 7.7 11.5



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





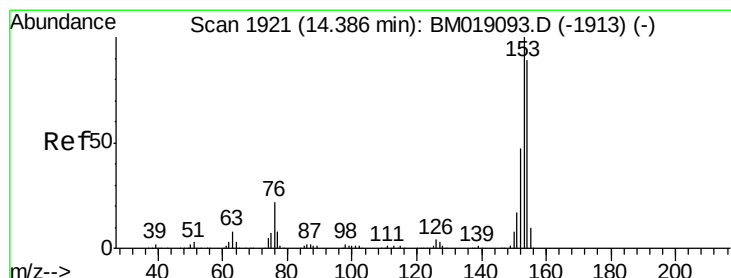
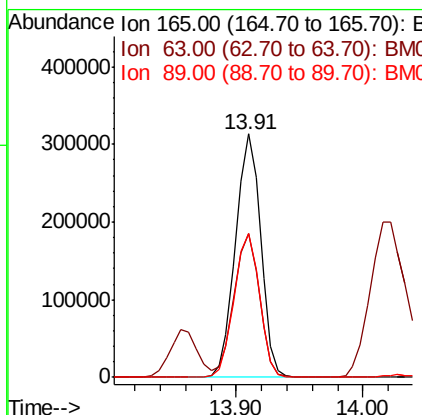
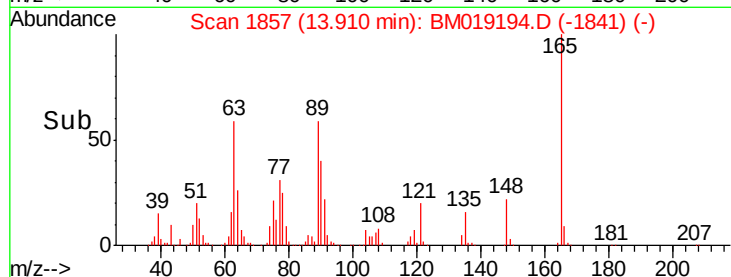
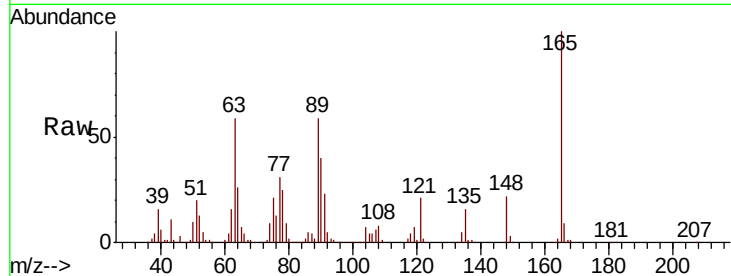
#51
2,6-Dinitrotoluene
Concen: 40.580 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	431584		
63	59.2	48.2	72.4	
89	59.2	49.3	73.9	

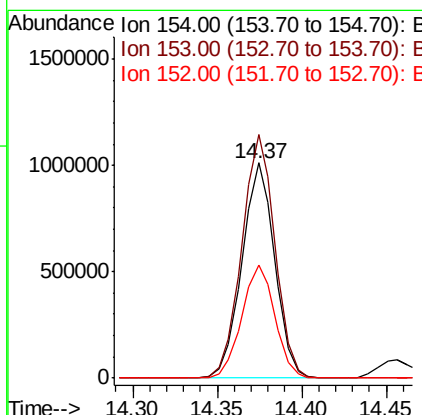
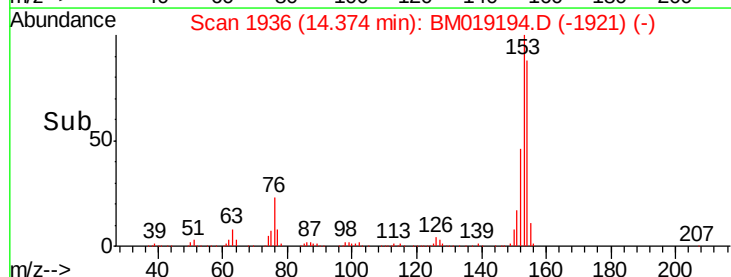
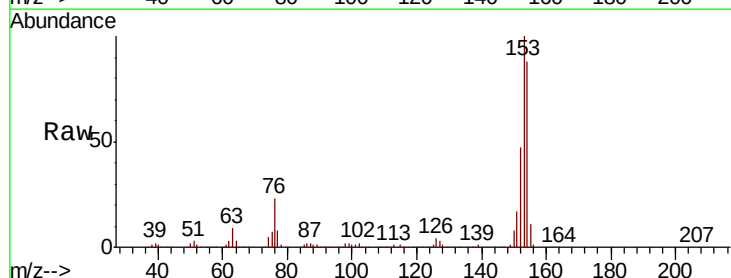
Manual Integrations
APPROVED

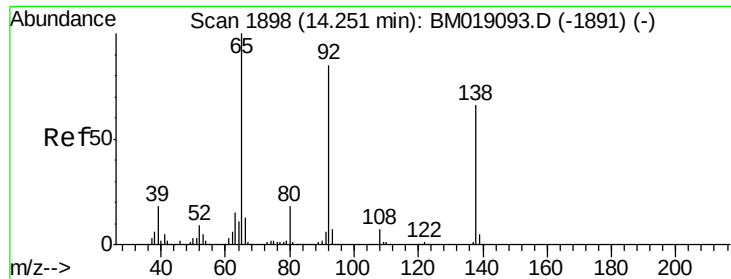
Sohil
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#52
Acenaphthene
Concen: 37.460 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1364478		
153	113.2	90.1	135.1	
152	52.7	42.5	63.7	





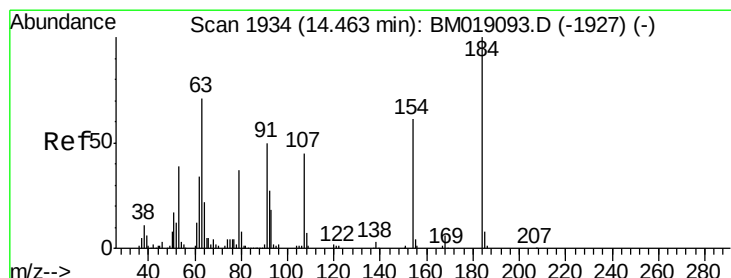
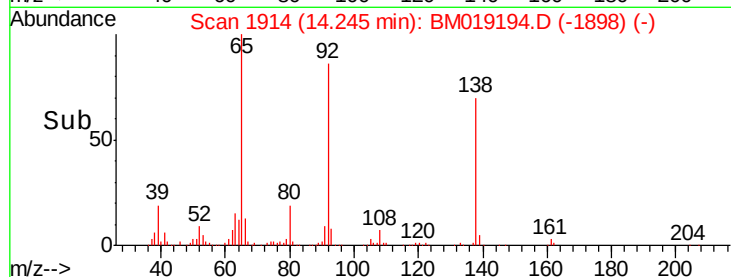
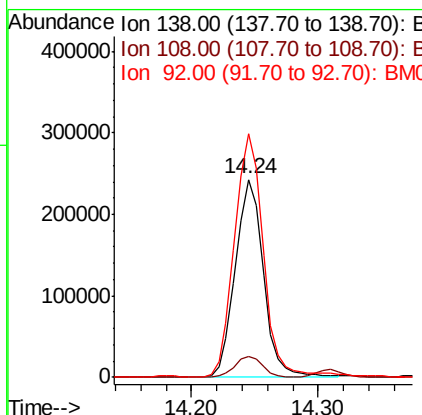
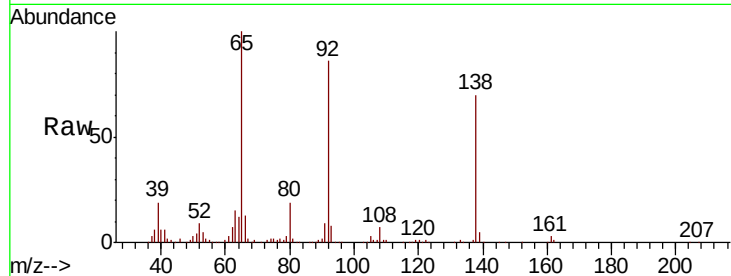
#53
3-Nitroaniline
Concen: 33.359 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.4
92	123.2	102.6	153.8

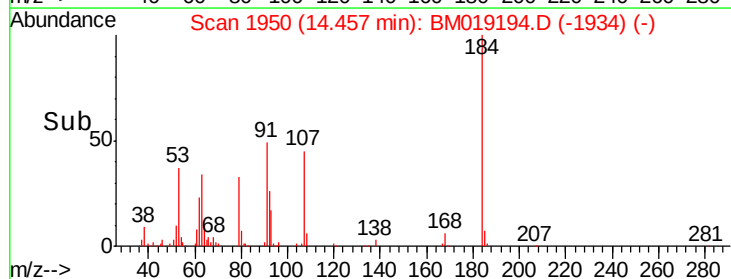
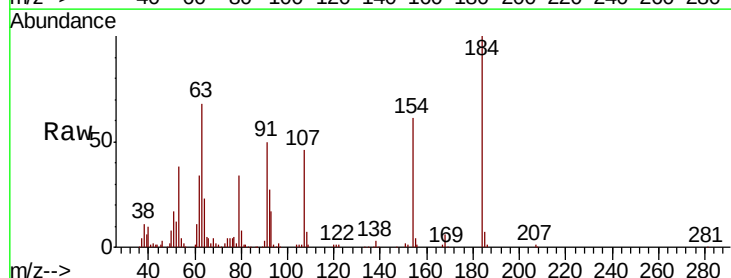
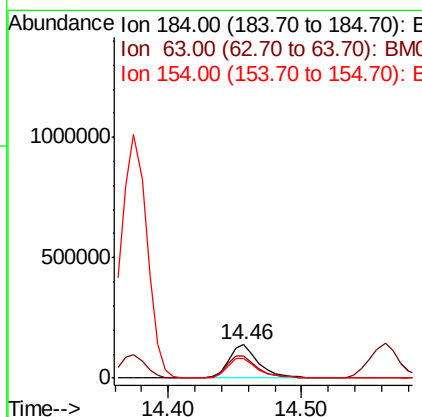
Manual Integrations
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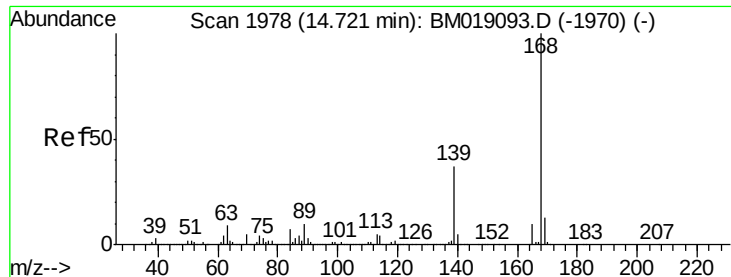
Sohil
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#54
2,4-Dinitrophenol
Concen: 35.386 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	56.7	85.1
154	60.7	49.3	73.9





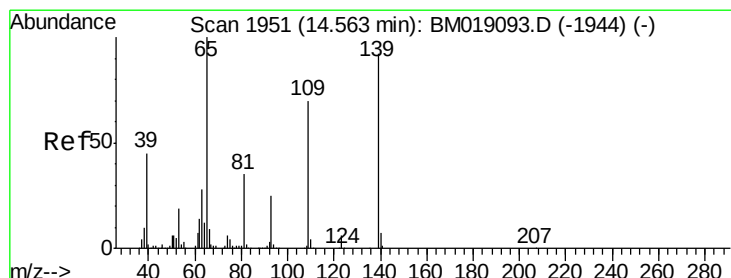
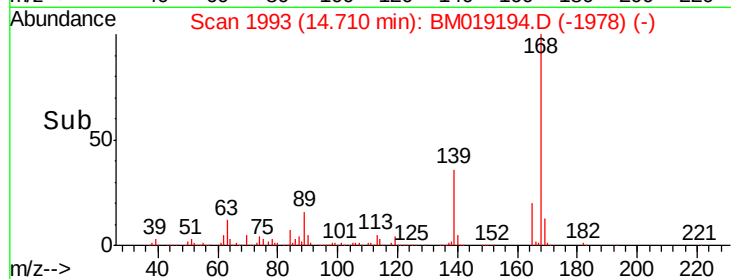
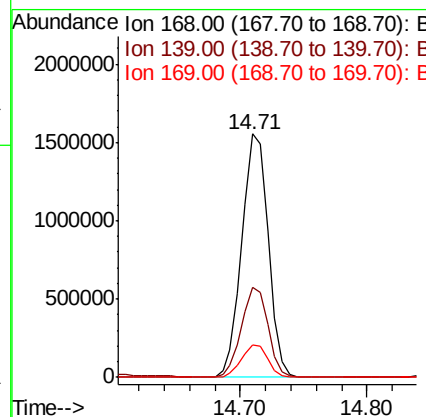
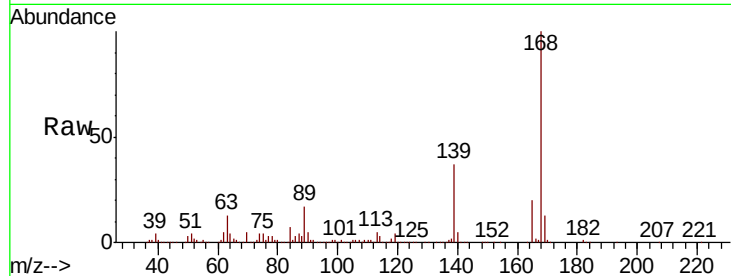
#55
Dibenzofuran
Concen: 38.193 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.3	10.6	16.0

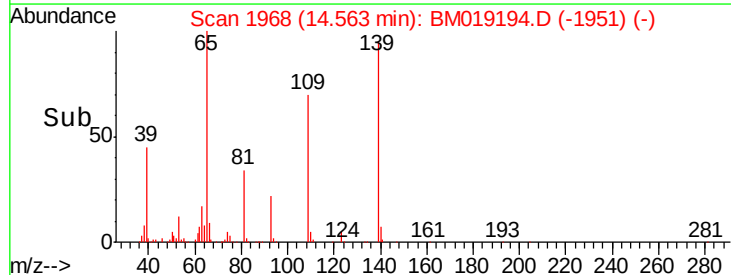
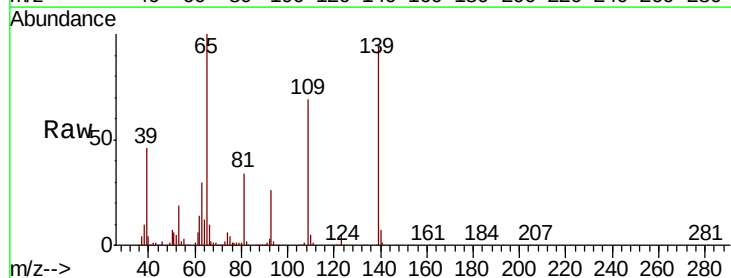
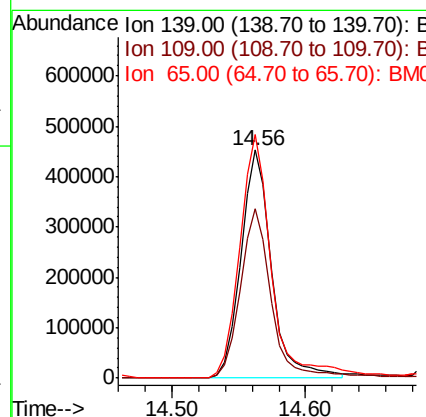
Manual Integrations
APPROVED

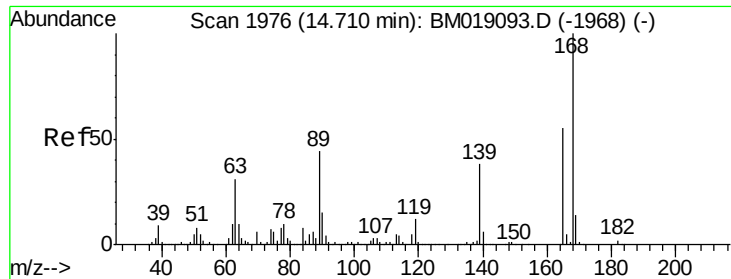
Sohil
3/18/2019 3:04:35 PM



#56
4-Nitrophenol
Concen: 78.293 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	56.3	96.3
65	106.7	89.2	129.2





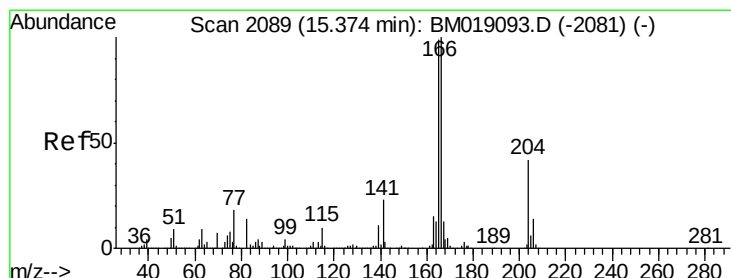
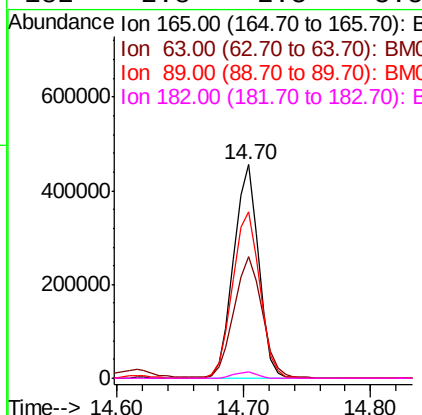
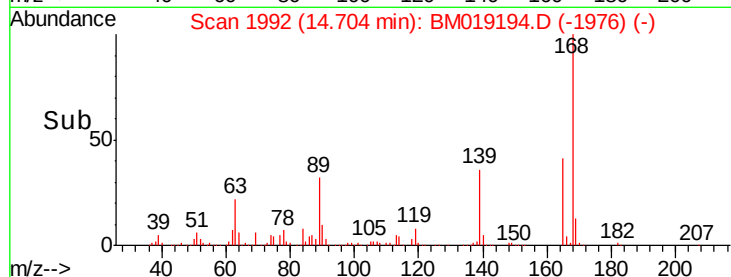
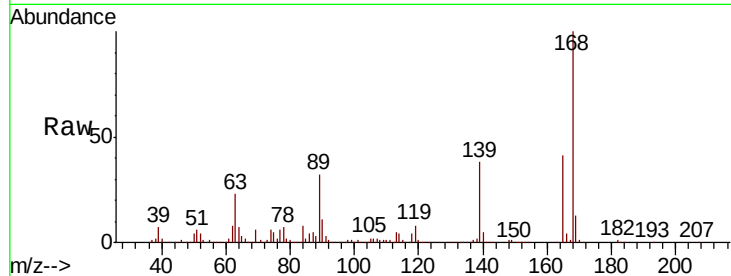
#57
2,4-Dinitrotoluene
Concen: 40.151 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	619861		
63	57.1	44.7	67.1	
89	78.2	63.4	95.2	
182	2.8	2.3	3.5	

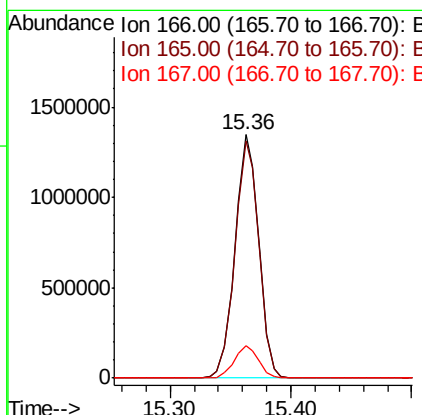
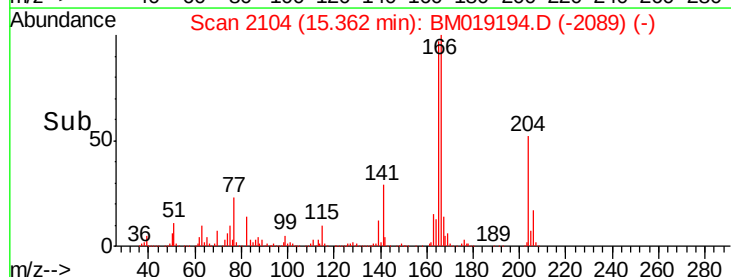
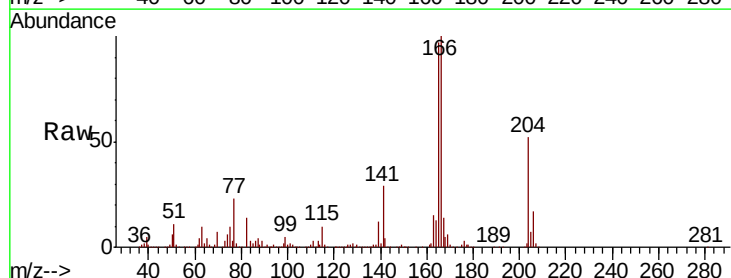
Manual Integrations
APPROVED

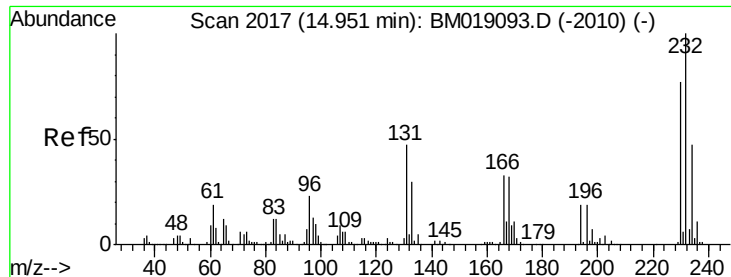
Sohil
3/18/2019 3:04:35 PM



#58
Fluorene
Concen: 37.991 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1839522		
165	97.2	79.0	118.4	
167	13.5	10.8	16.2	





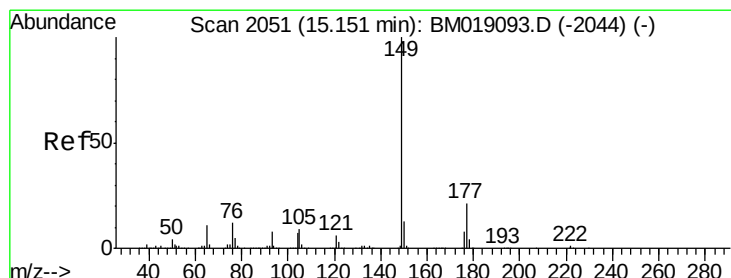
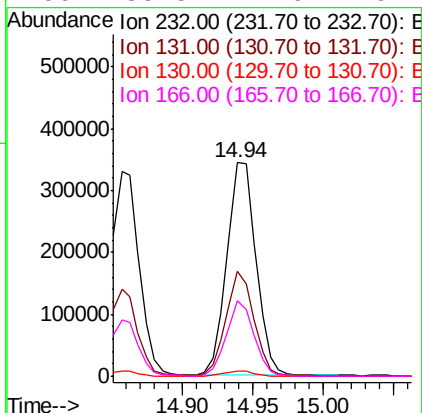
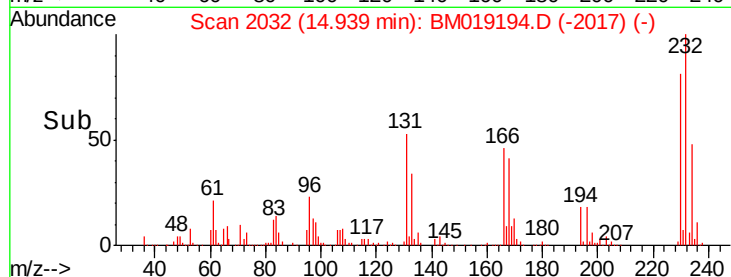
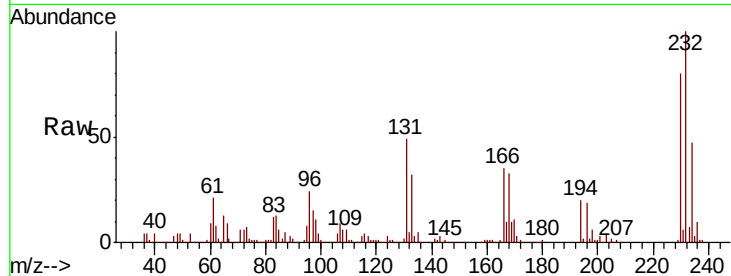
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.511 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	497550		
131	46.9	38.2	57.2	
130	2.5	1.9	2.9	
166	33.5	27.0	40.4	

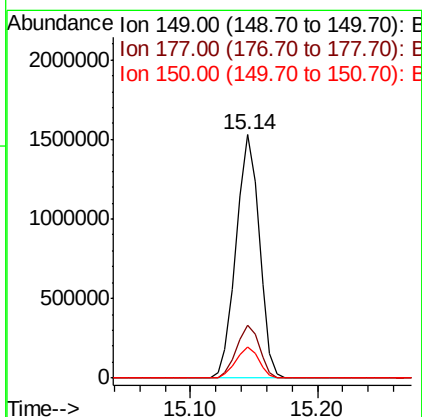
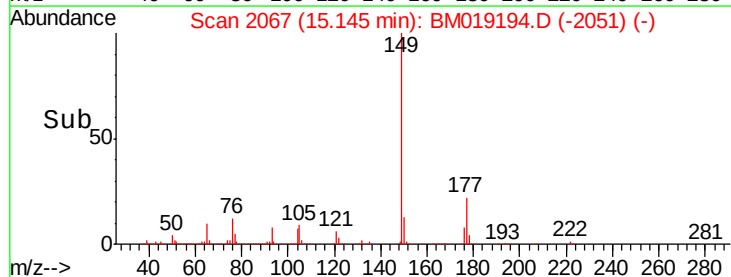
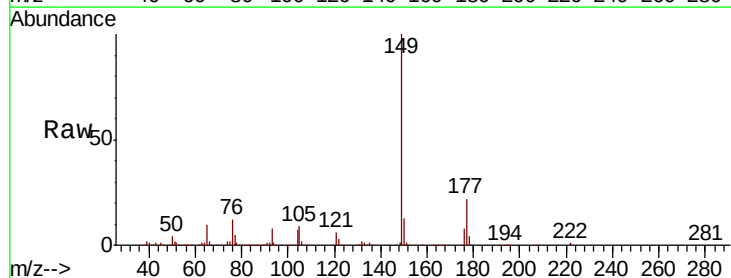
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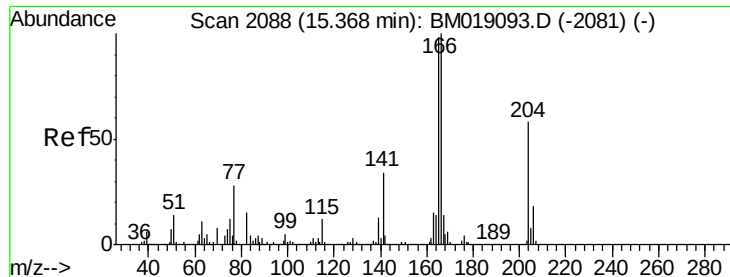
Sohil
3/18/2019 3:04:35 PM



#60
Diethylphthalate
Concen: 38.769 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1931820		
177	21.9	17.0	25.6	
150	12.7	10.2	15.4	





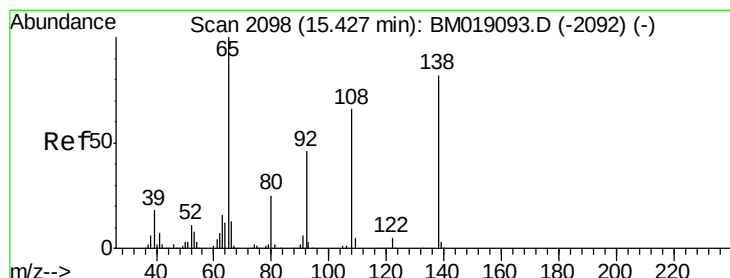
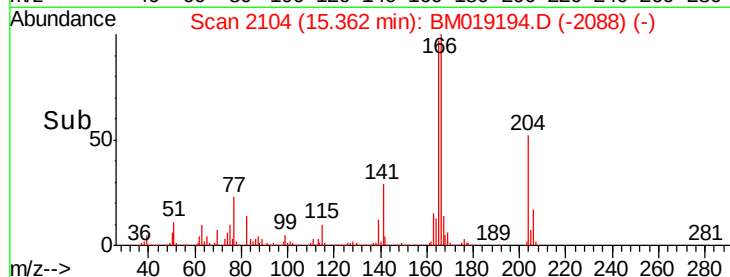
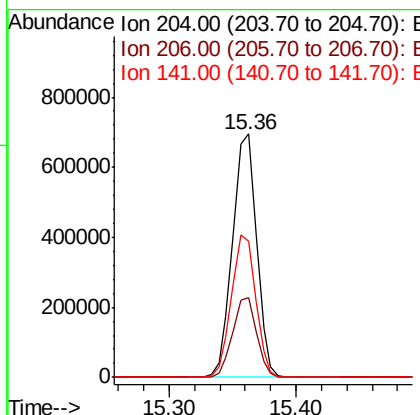
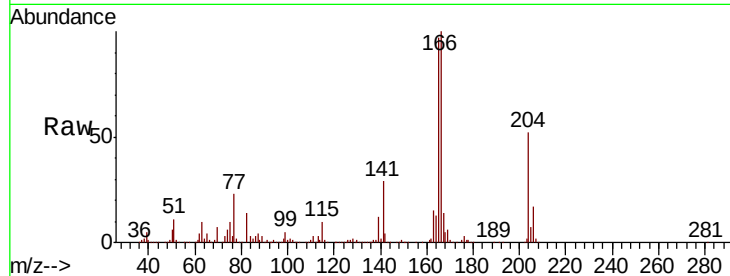
#61
4-Chlorophenyl-phenylether
Concen: 38.707 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	55.9	47.8	71.8

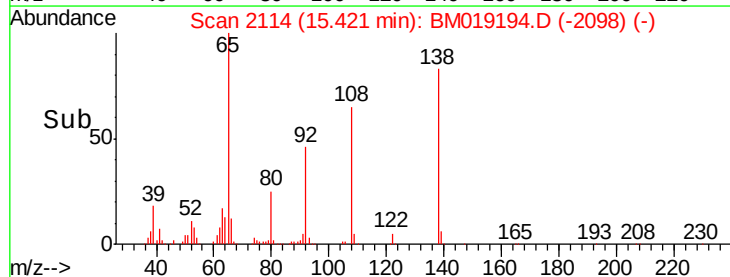
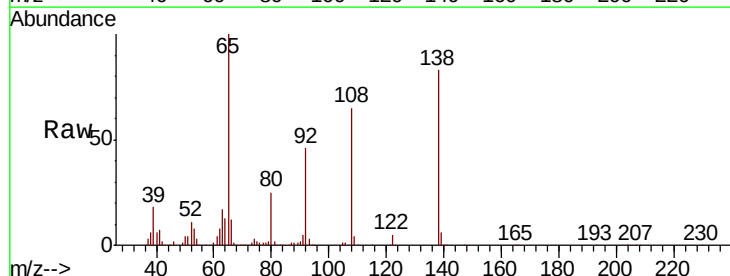
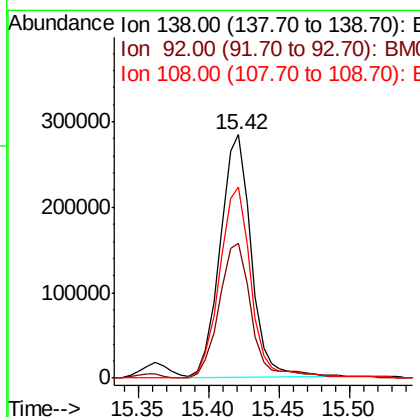
Manual Integrations
APPROVED

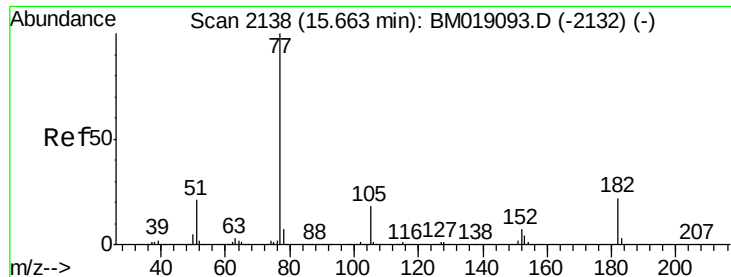
Sohil
3/18/2019 3:04:35 PM



#62
4-Nitroaniline
Concen: 37.868 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	36.2	76.2
108	78.4	59.7	99.7





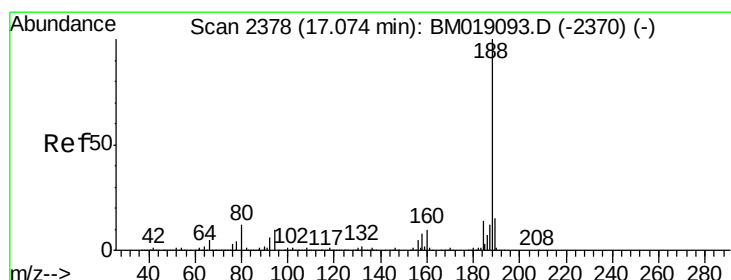
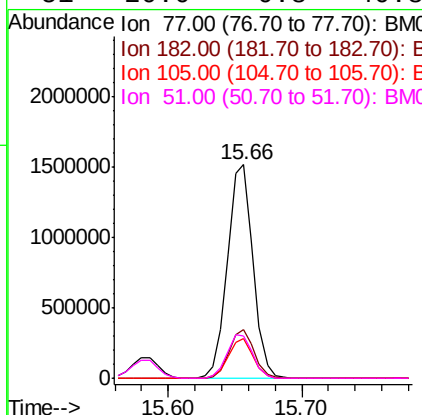
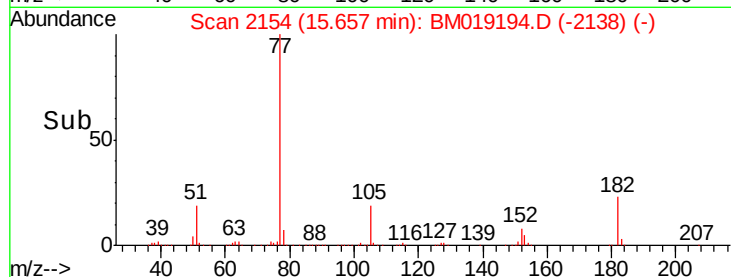
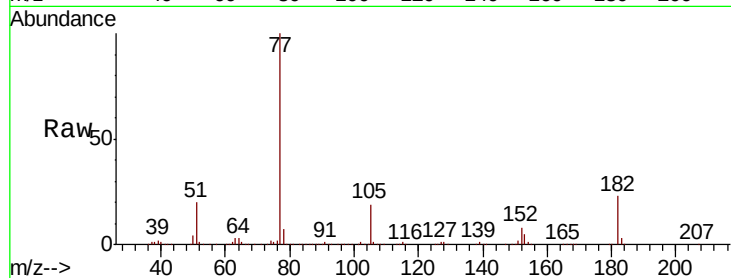
#63
Azobenzene
Concen: 38.652 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.8	1.8	41.8	
105	18.5	0.0	38.3	
51	20.0	0.8	40.8	

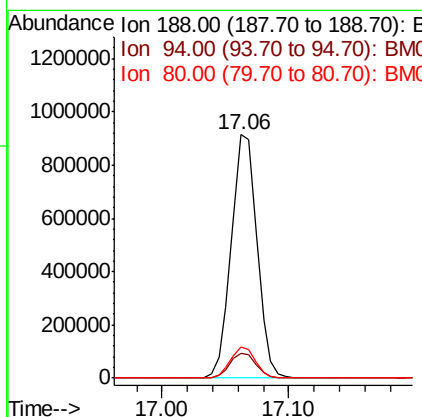
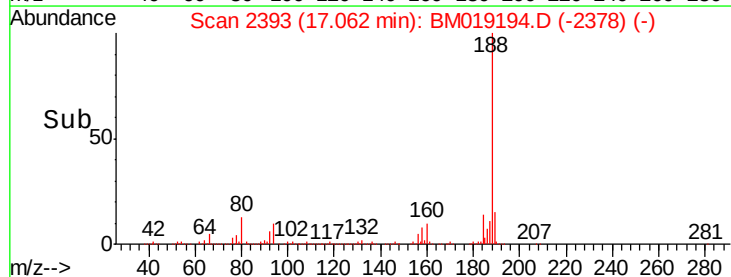
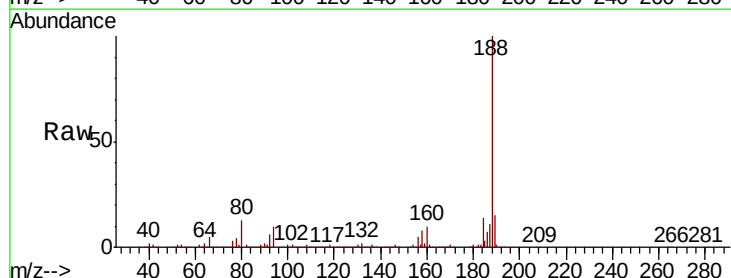
Manual Integrations
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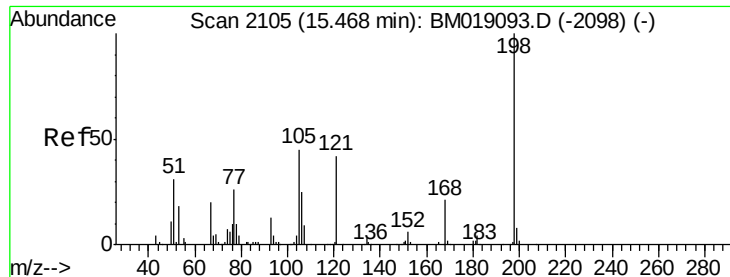
Sohil
3/18/2019 3:04:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.1	12.1	
80	12.6	9.7	14.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 28.461 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

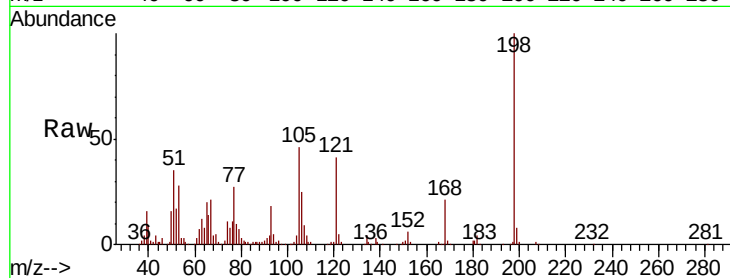
ClientSampled :

TP-5MS

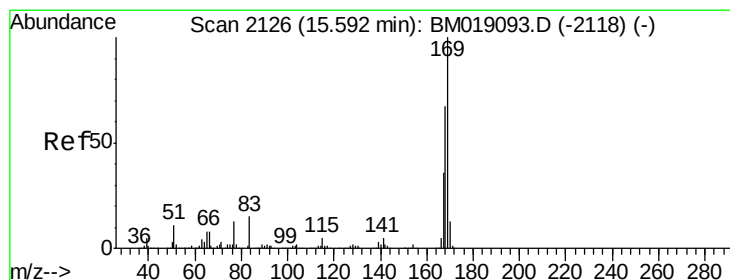
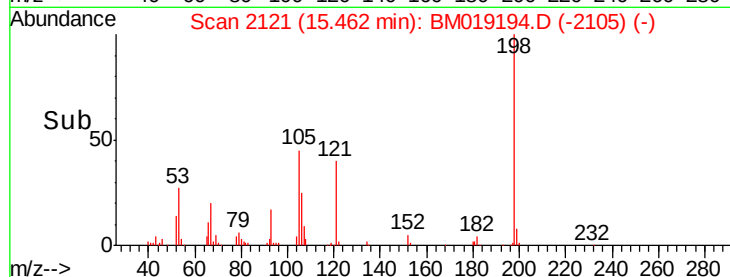
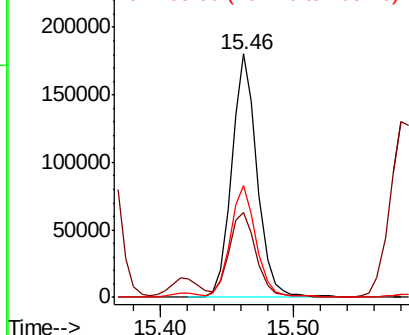
Tot Ion:	198	Resp:	239202
Ion Ratio	Lower	Upper	
198	100		
51	34.7	17.3	57.3
105	45.7	26.2	66.2

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



#66

n-Nitrosodiphenylamine

Concen: 39.478 ng

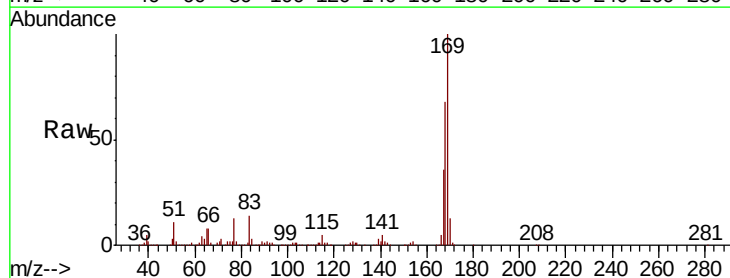
RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

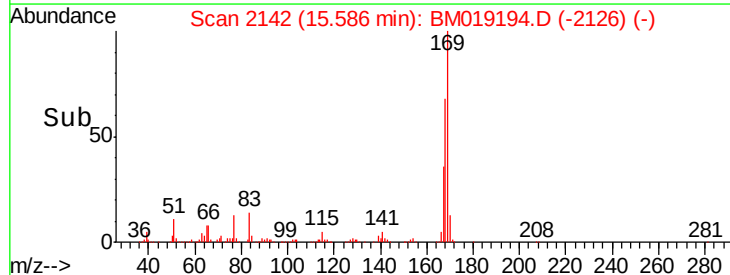
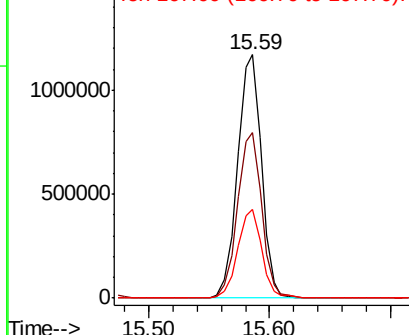
Lab File: BM019194.D

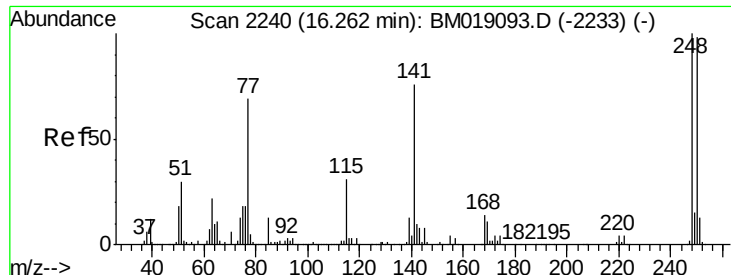
Acq: 15 Mar 2019 19:54

Tgt Ion:	169	Resp:	1611986
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.9	80.9
167	36.3	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





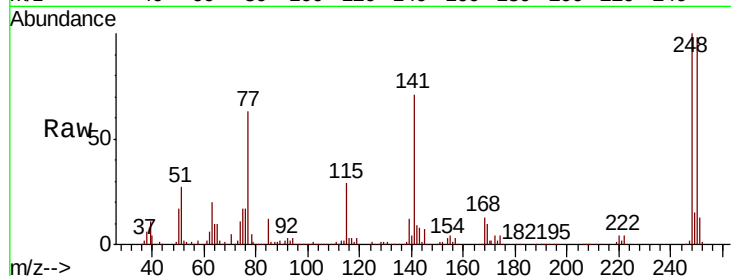
#67
4-Bromophenyl-phenylether
Concen: 38.386 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	71.2	61.0	91.4

Manual Integrations
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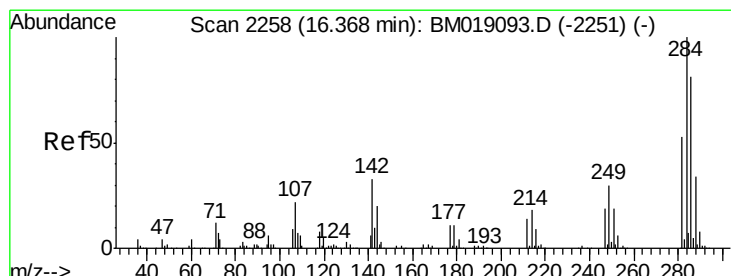
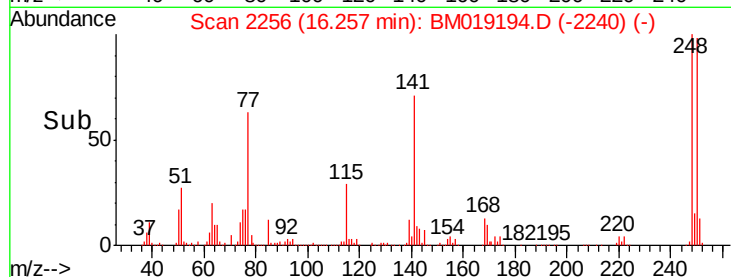
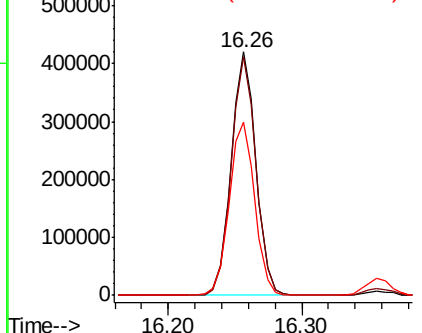


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.918 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

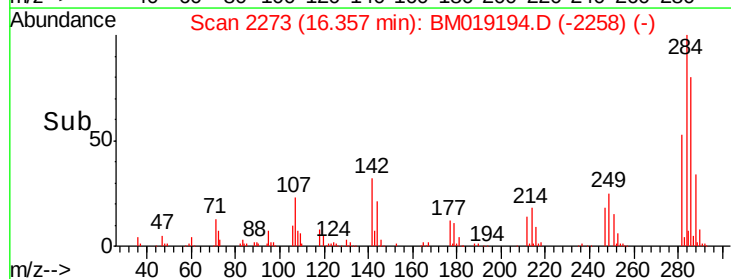
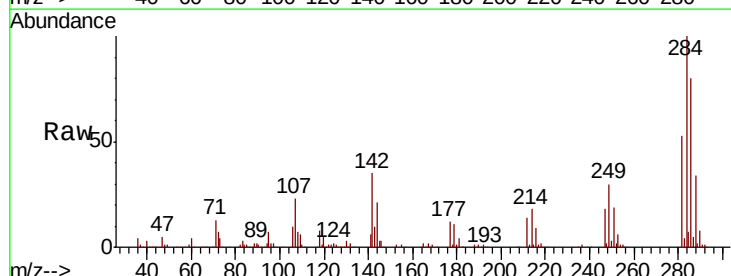
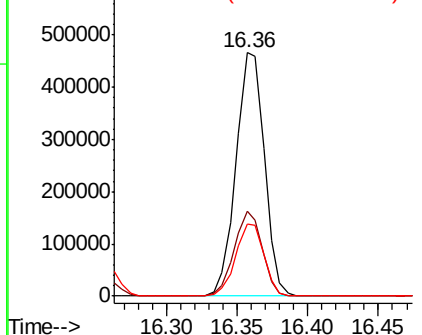
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.3	39.5
249	29.6	24.1	36.1

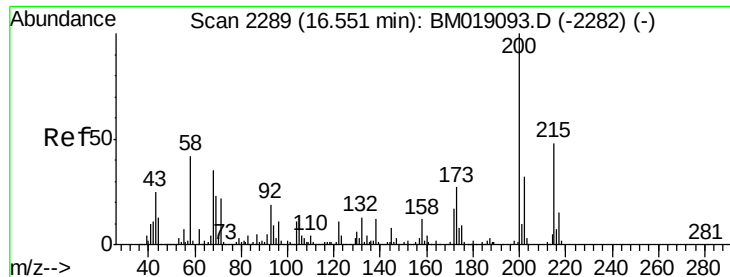
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





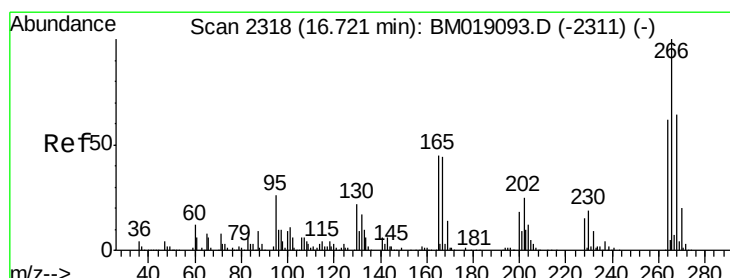
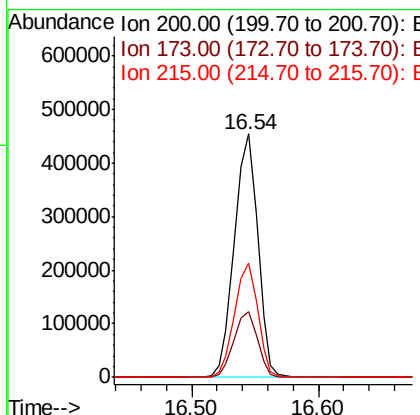
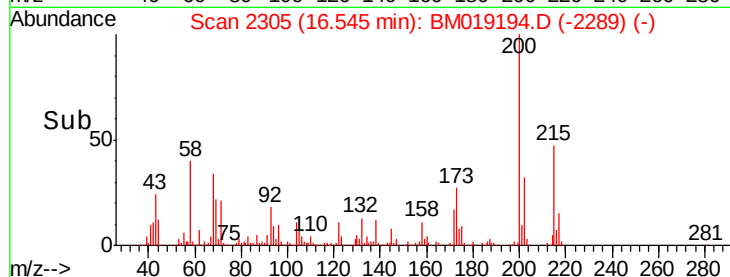
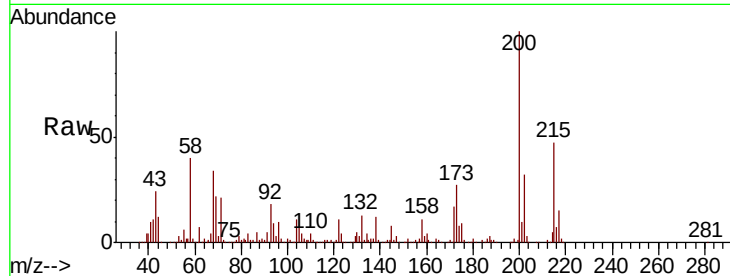
#69
Atrazine
Concen: 42.327 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.0	47.0
215	47.0	27.7	67.7

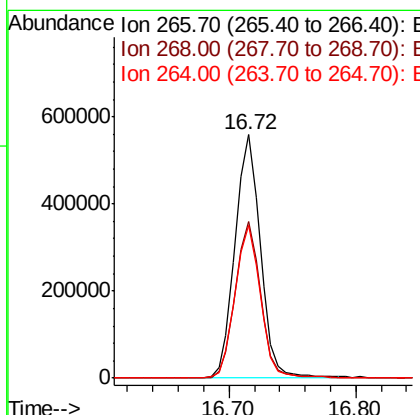
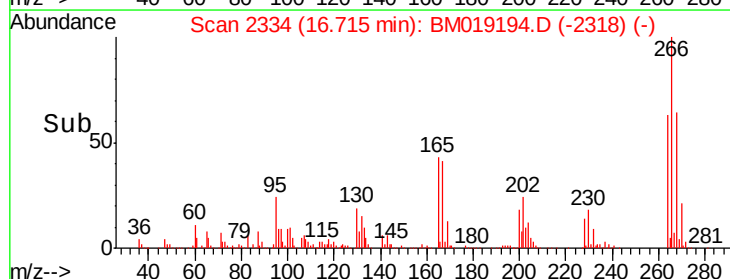
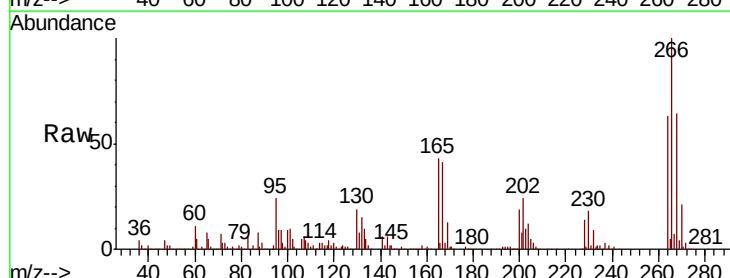
Manual Integrations
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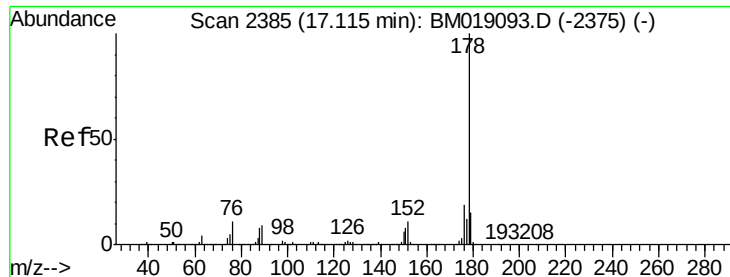
Sohil
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#70
Pentachlorophenol
Concen: 76.470 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.3	76.9
264	62.9	50.0	75.0





#71

Phenanthrene

Concen: 37.229 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampled :

TP-5MS

Tot Ion:178 Resp: 2798730

Ion Ratio Lower Upper

178 100

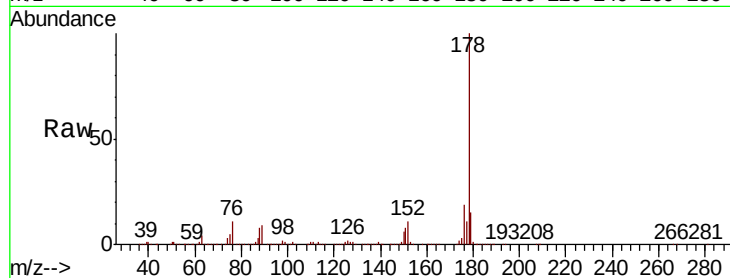
176 19.0 15.3 22.9

179 15.4 12.2 18.2

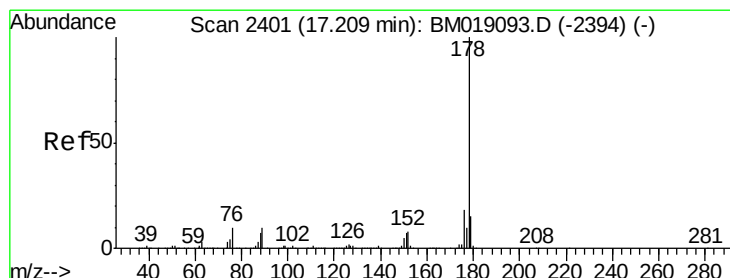
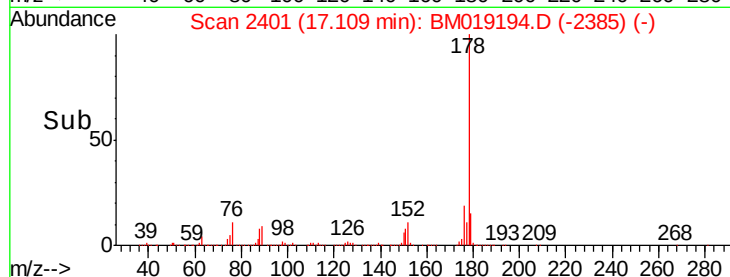
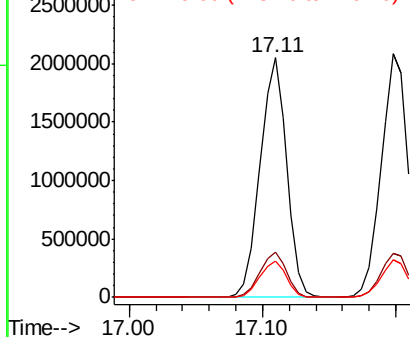
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.149 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

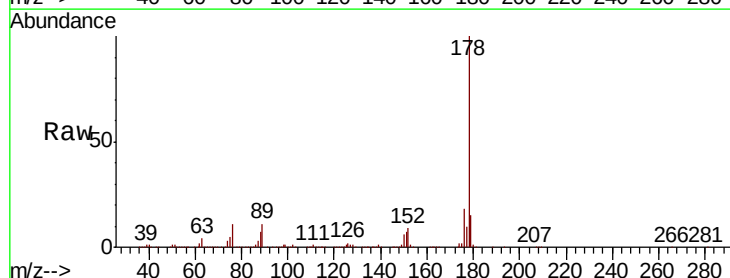
Tgt Ion:178 Resp: 2881157

Ion Ratio Lower Upper

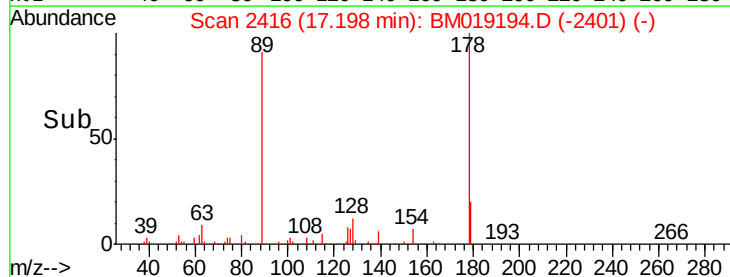
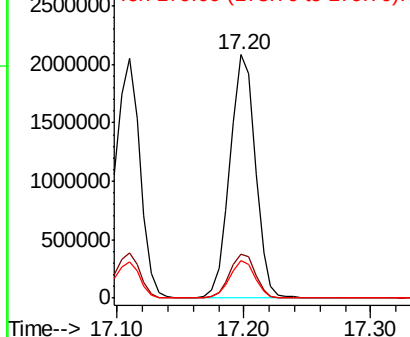
178 100

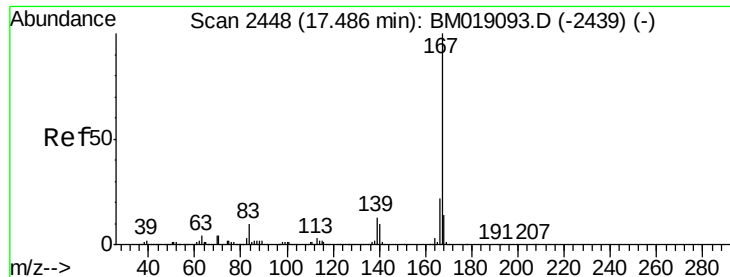
176 18.2 14.6 22.0

179 15.4 11.9 17.9



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





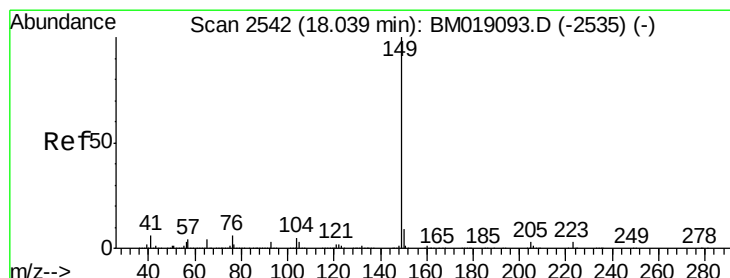
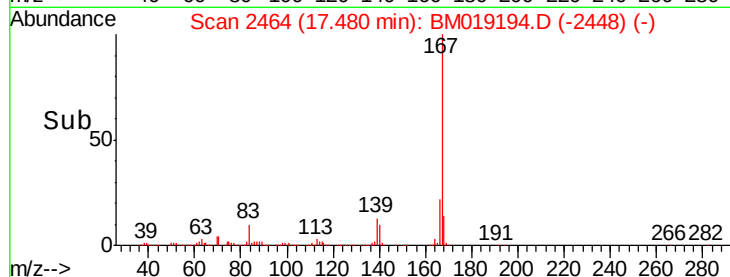
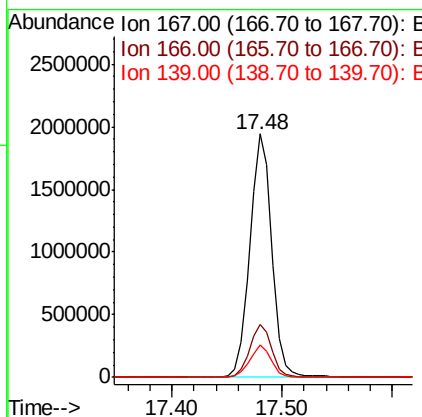
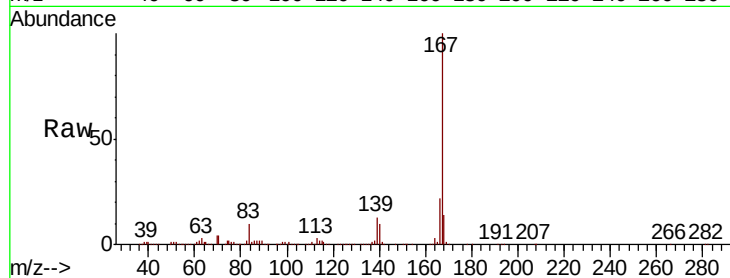
#73
 Carbazole
 Concen: 39.081 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	13.2	10.5	15.7

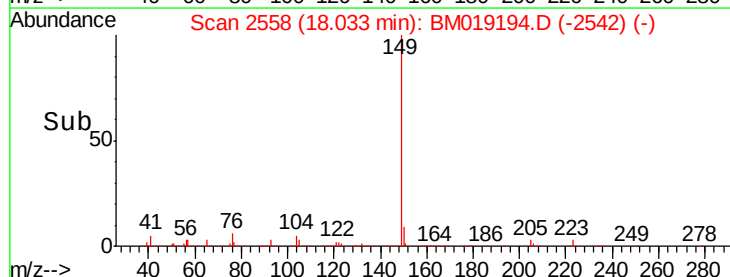
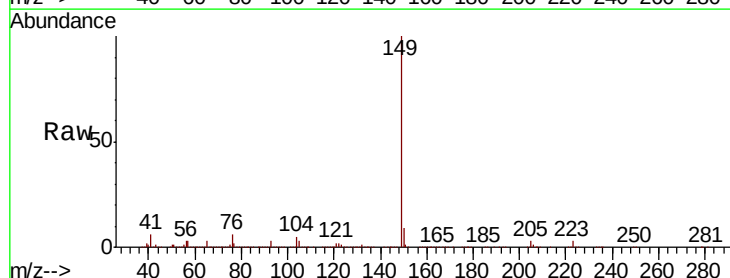
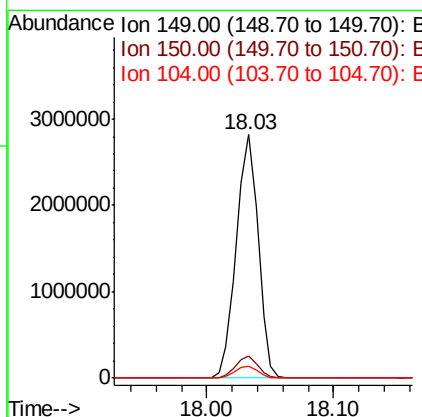
Manual Integrations
 APPROVED

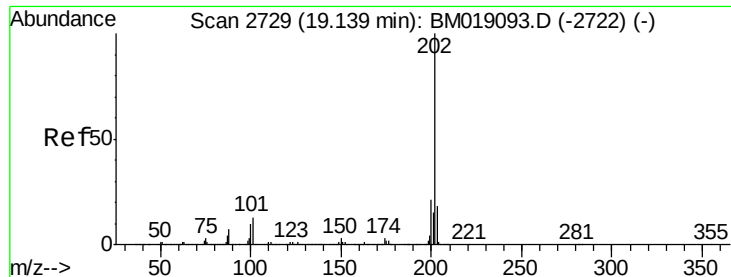
Sohil
 3/18/2019 3:04:35 PM



#74
 Di-n-butylphthalate
 Concen: 39.916 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 36.257 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion:202 Resp: 3127570

Ion Ratio Lower Upper

202 100

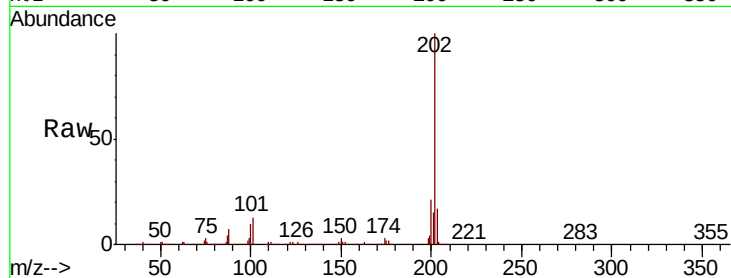
101 12.5 0.0 33.0

203 17.4 0.0 37.8

Manual Integrations
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Sohil

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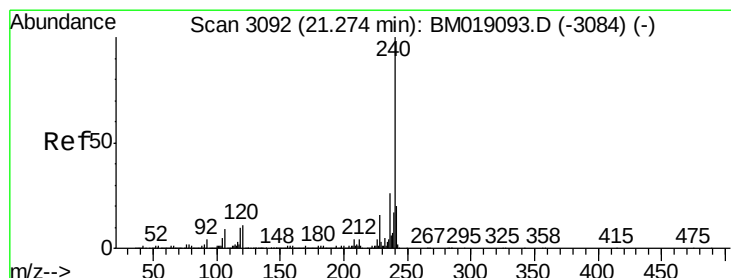
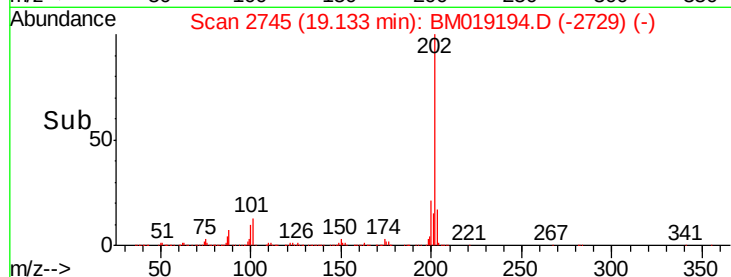
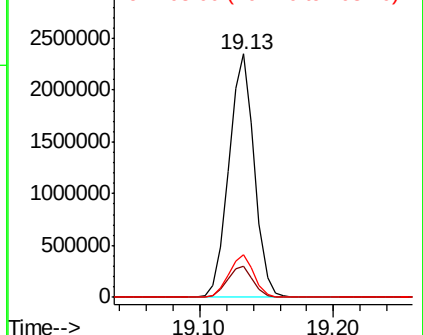


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:240 Resp: 1170338

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

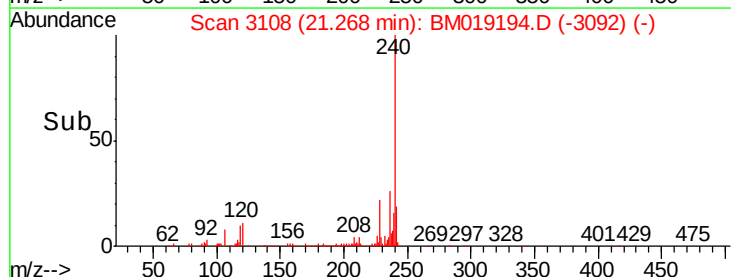
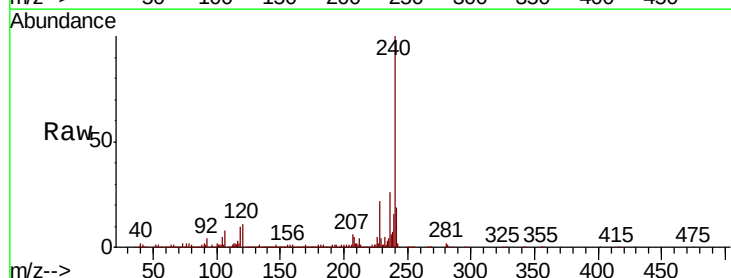
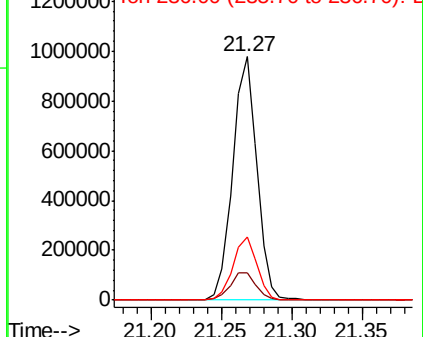
236 25.9 21.0 31.4

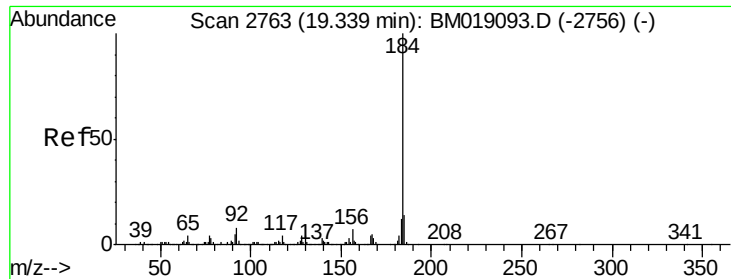
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.070 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

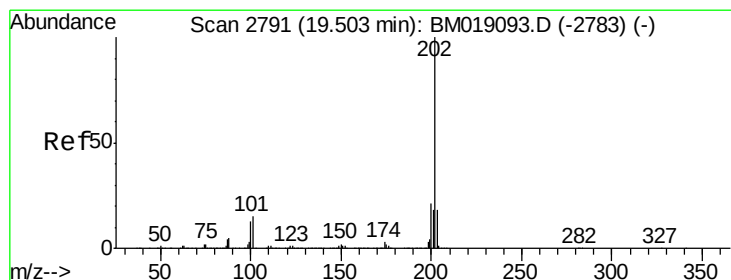
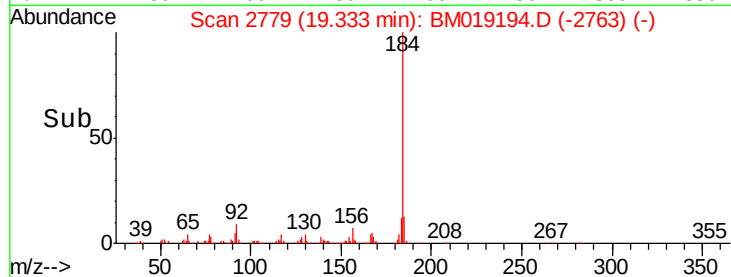
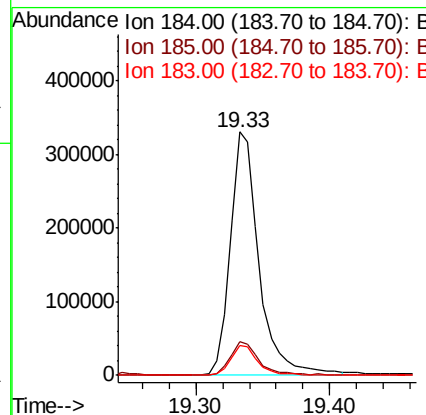
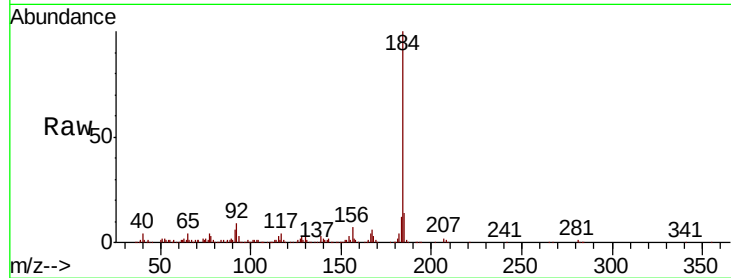
ClientSampleId :

TP-5MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.4
183	12.0	9.8	14.6

Manual Integrations
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#78

Pyrene

Concen: 42.535 ng

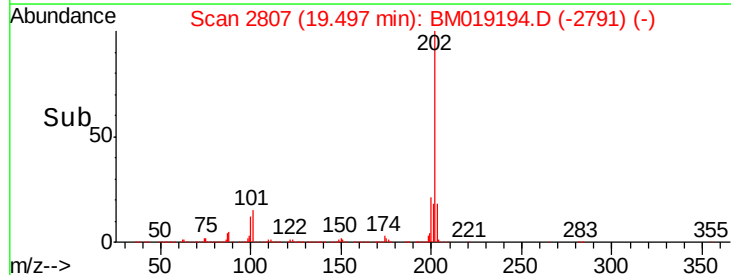
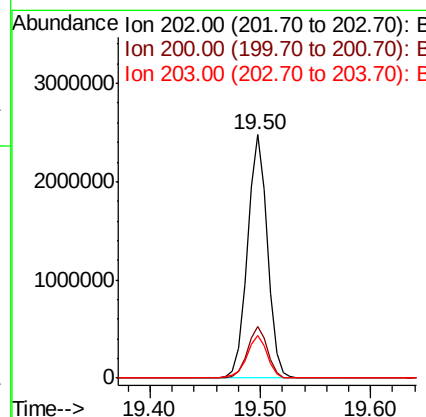
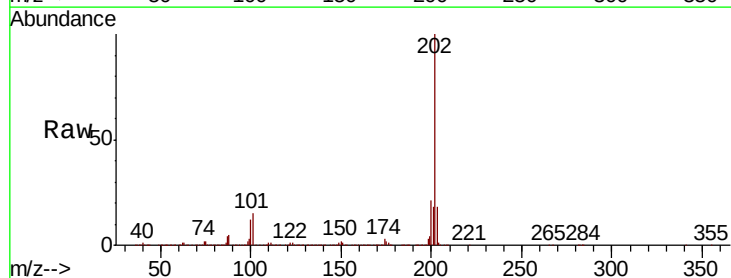
RT: 19.50 min Scan# 2807

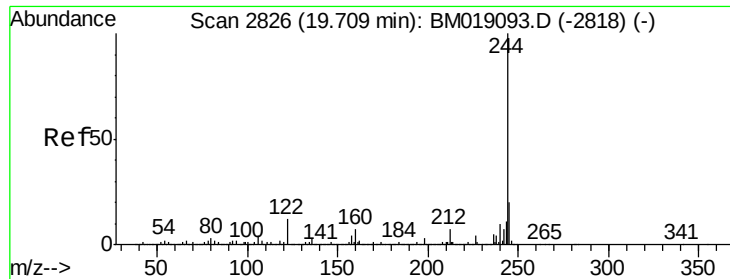
Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.0	21.0





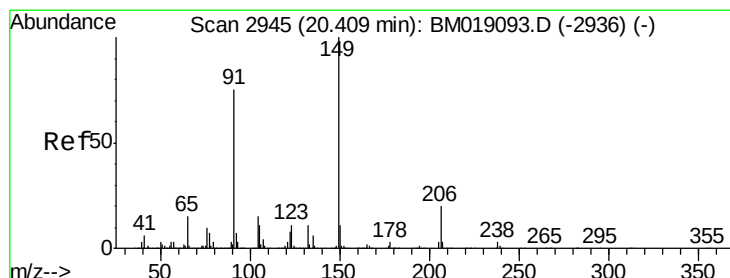
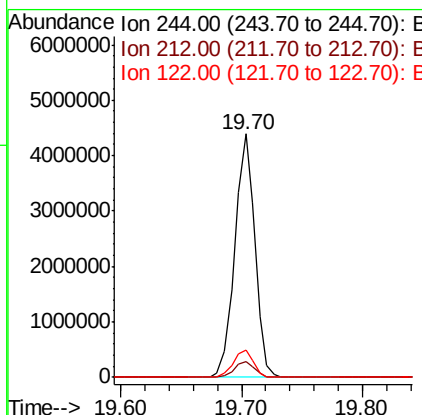
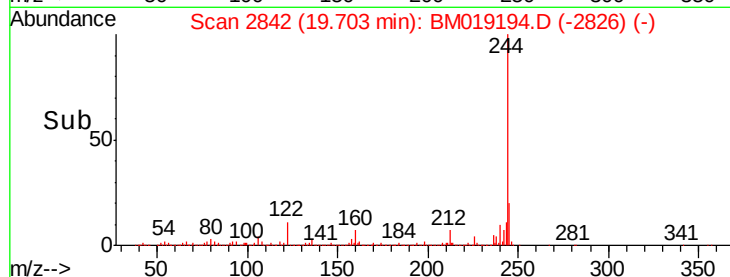
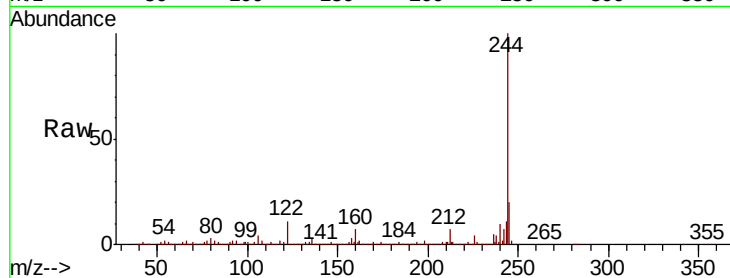
#79
Terphenyl-d14
Concen: 86.564 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion:244 Resp: 5103168
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.4 9.4 14.2

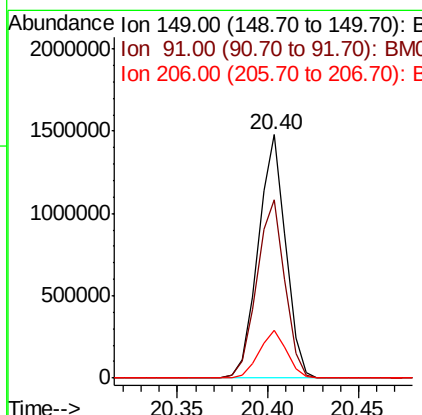
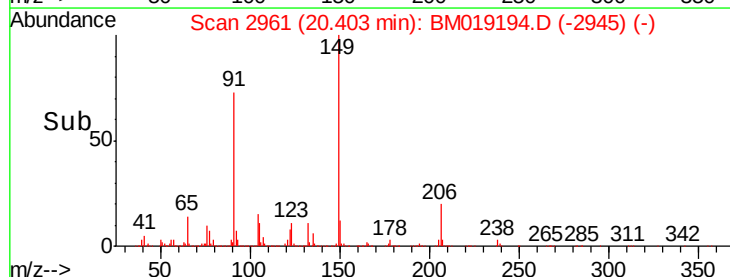
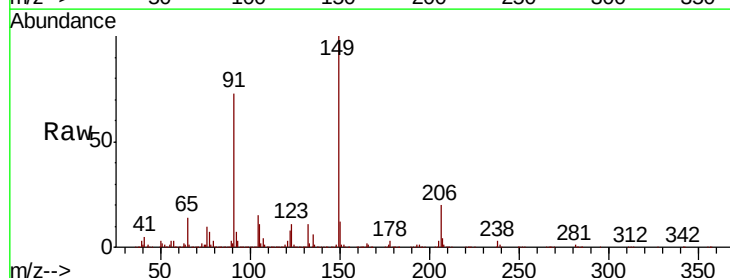
Manual Integrations
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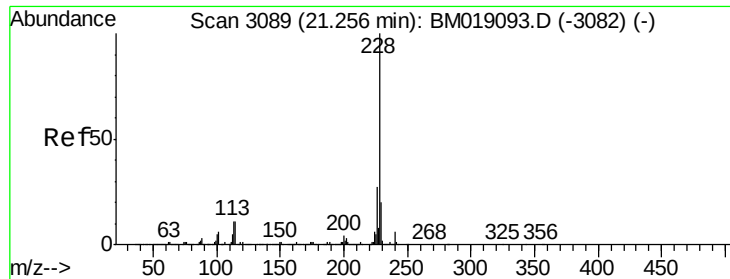
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#80
Butylbenzylphthalate
Concen: 48.237 ng
RT: 20.40 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:149 Resp: 1555765
Ion Ratio Lower Upper
149 100
91 73.3 60.1 90.1
206 19.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 37.400 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion:228 Resp: 2746000

Ion Ratio Lower Upper

228 100

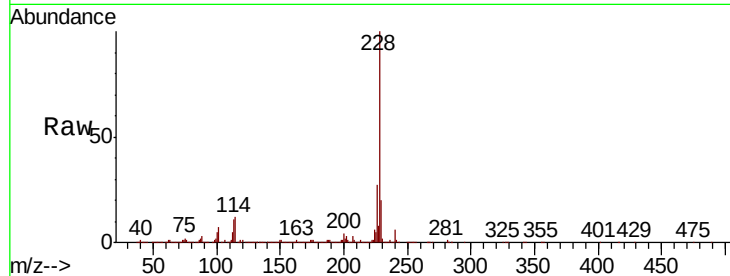
226 27.2 21.8 32.8

229 19.8 15.8 23.6

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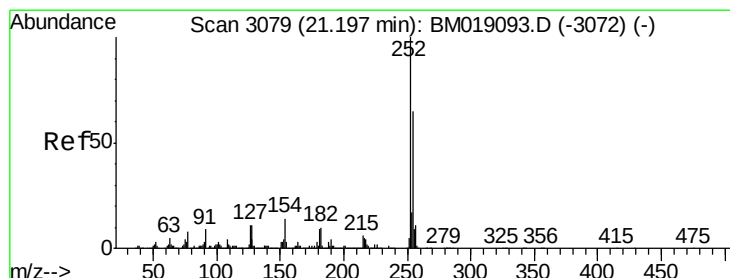
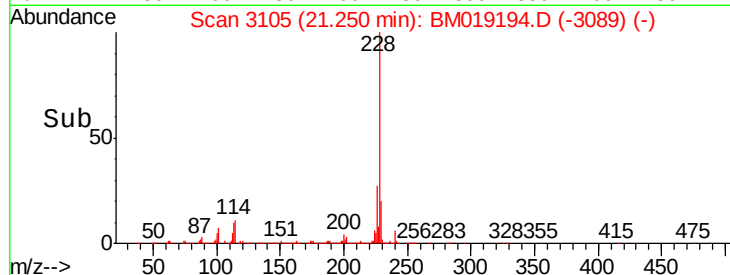
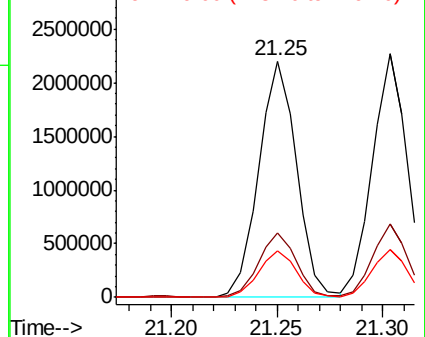


Abundance

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: 34.861 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

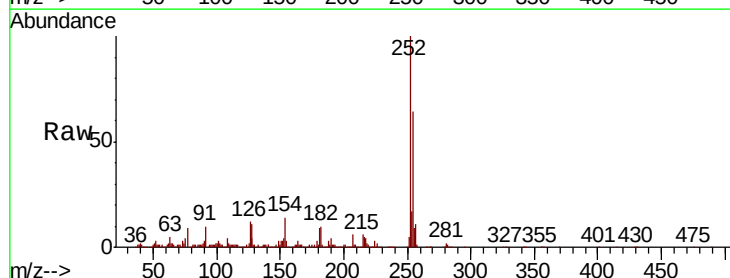
Tgt Ion:252 Resp: 986028

Ion Ratio Lower Upper

252 100

254 64.1 52.4 78.6

126 11.5 9.0 13.6

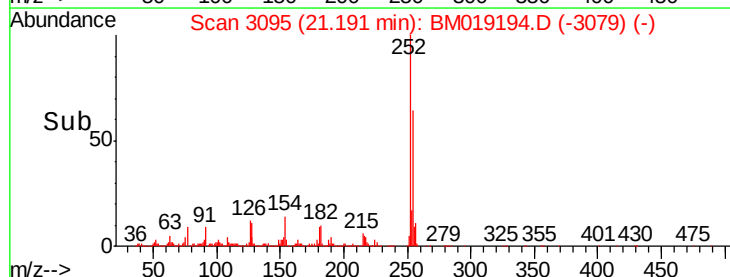
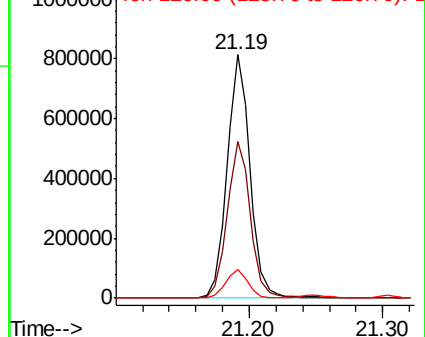


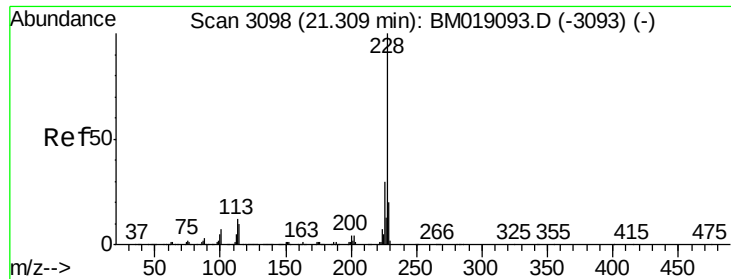
Abundance

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





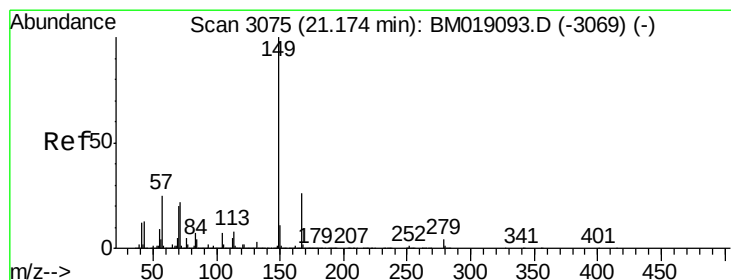
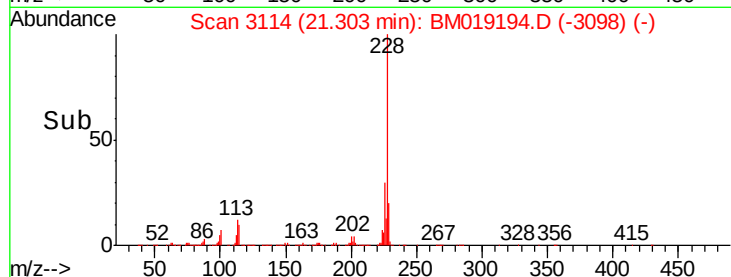
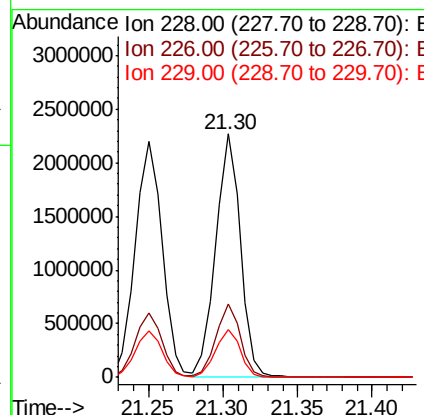
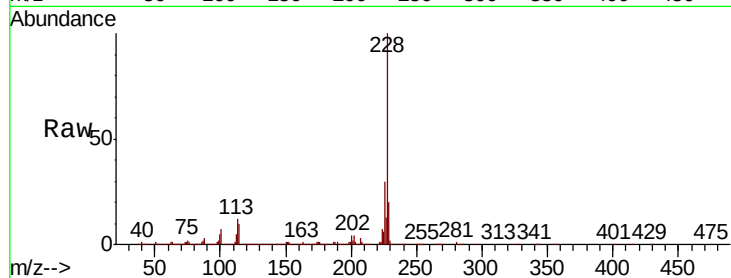
#83
 Chrysene
 Concen: 36.894 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.8	15.7	23.5

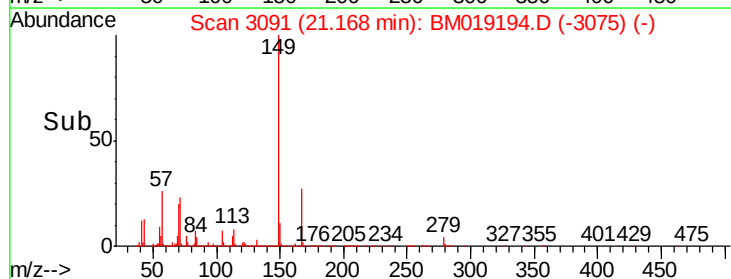
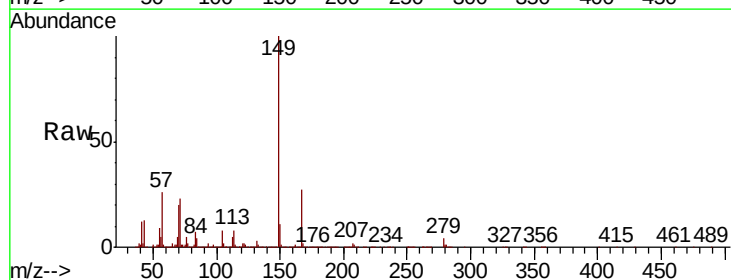
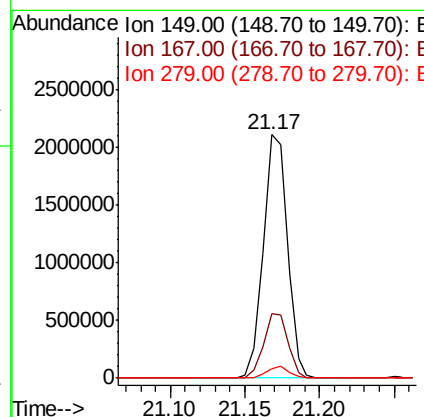
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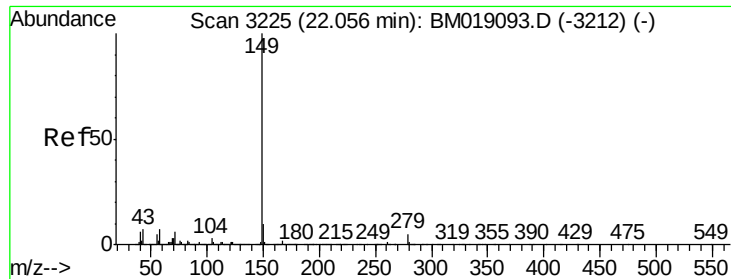
Sohil
 3/18/2019 3:04:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.602 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.1	31.7
279	4.0	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 47.733 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tot Ion:149 Resp: 3771449

Ion Ratio Lower Upper

149 100

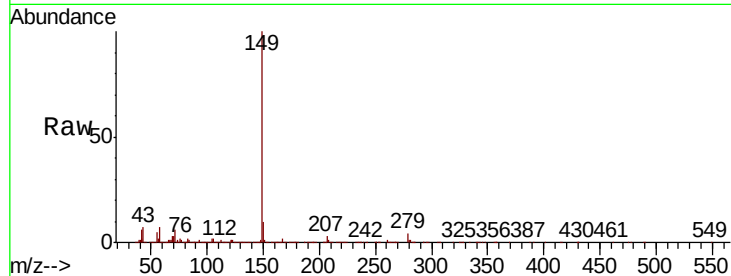
167 1.6 1.3 1.9

43 7.5 6.1 9.1

Manual Integrations
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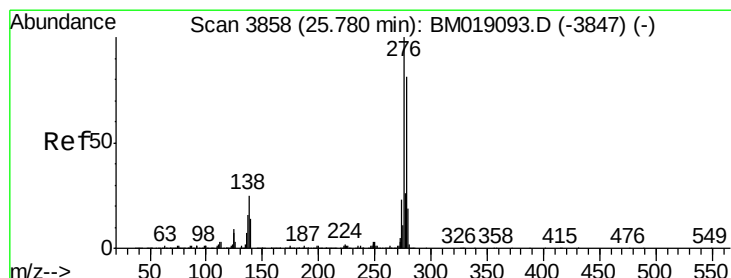
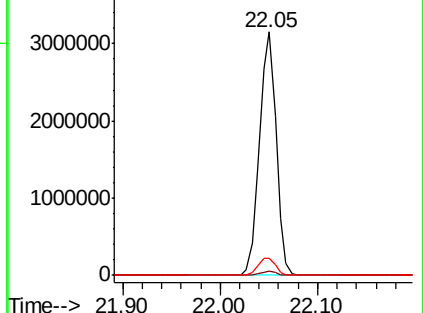
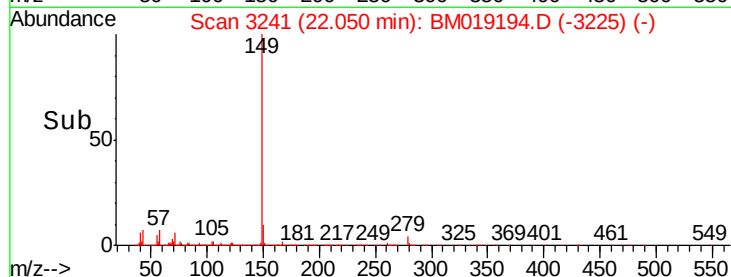
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.314 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

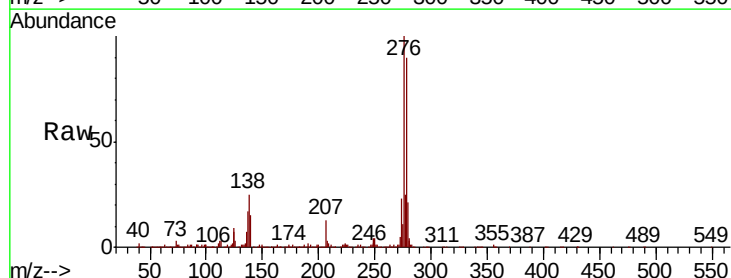
Tgt Ion:276 Resp: 2623806

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

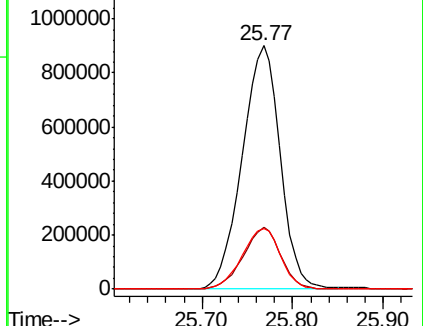
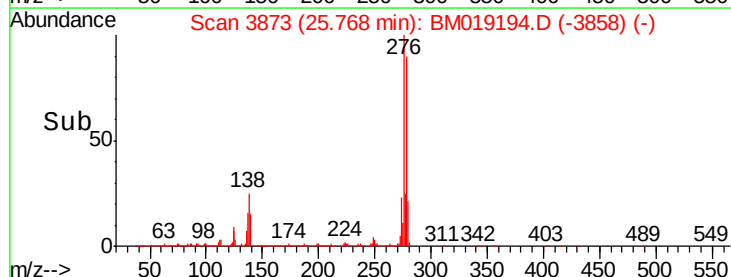
277 25.5 20.3 30.5

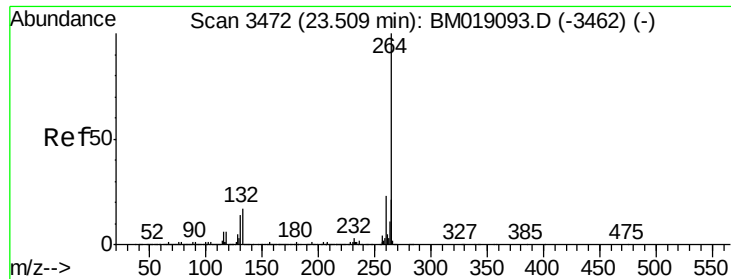


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampled :

TP-5MS

Tot Ion:264 Resp: 1004922

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

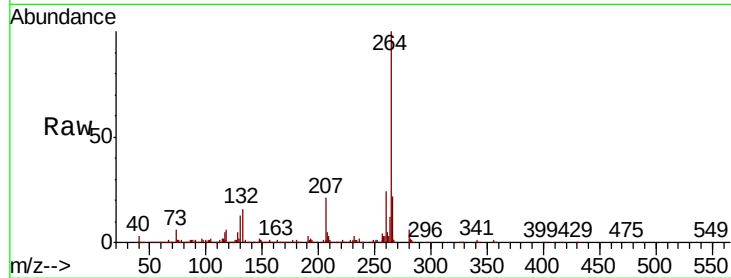
265 21.6 17.3 25.9

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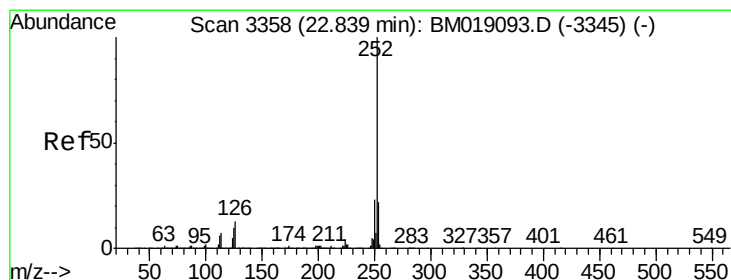
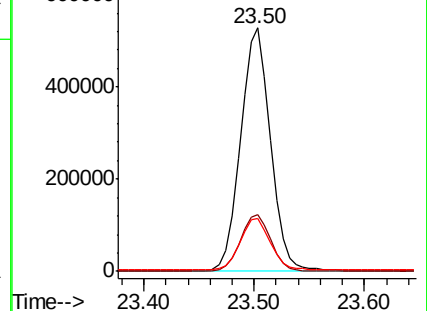
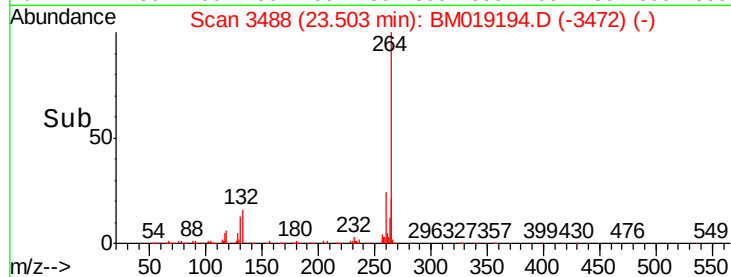
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.778 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

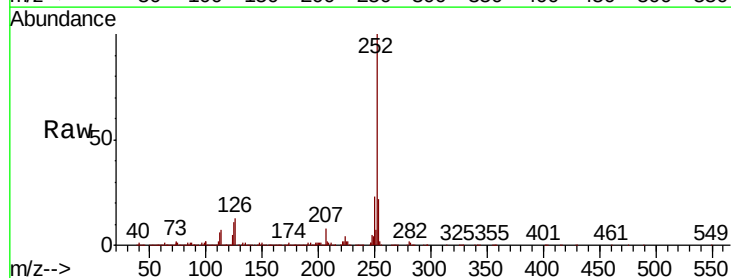
Tgt Ion:252 Resp: 2460005

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

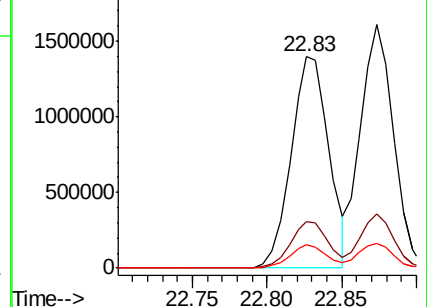
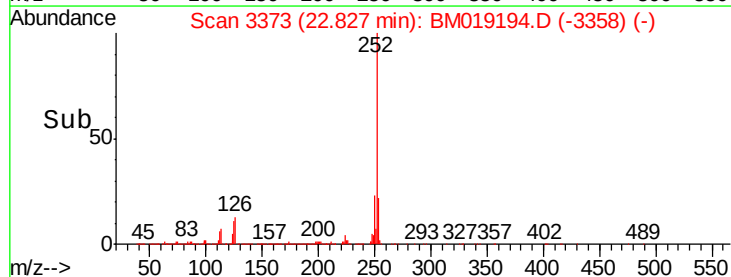
125 10.9 8.1 12.1

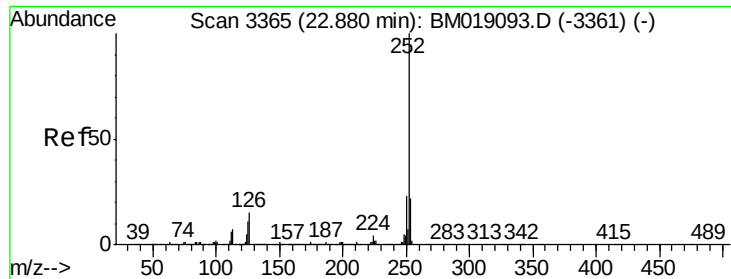


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





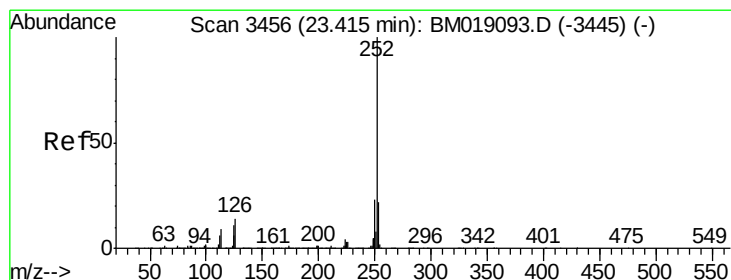
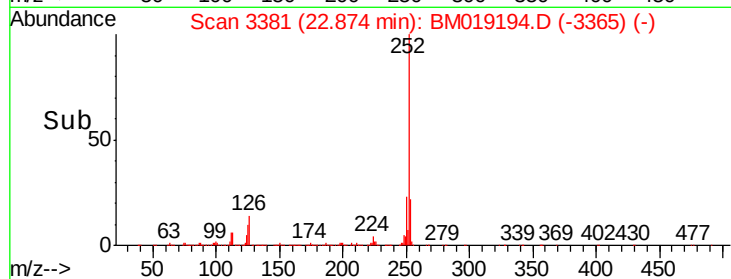
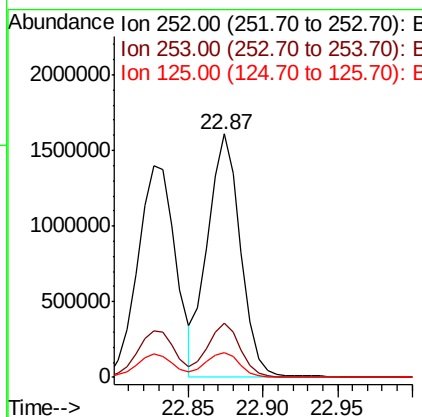
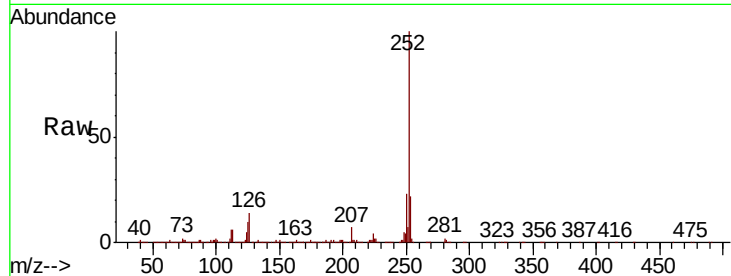
#89
Benzo(k)fluoranthene
Concen: 41.035 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	8.8	13.2

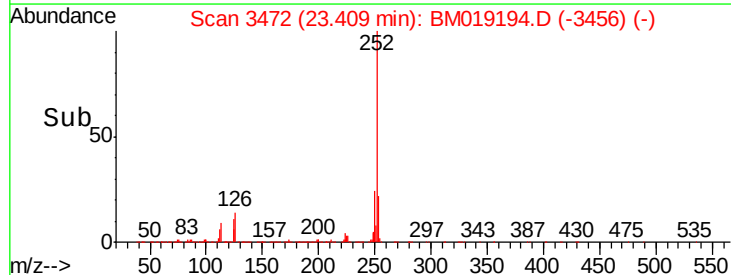
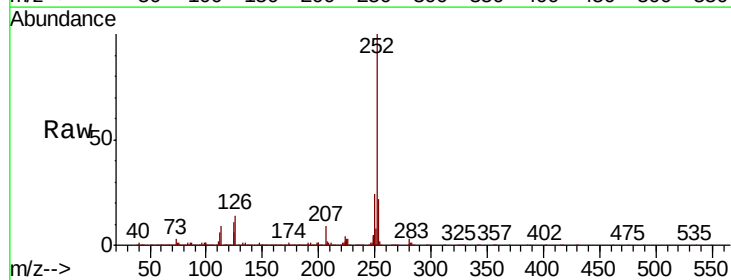
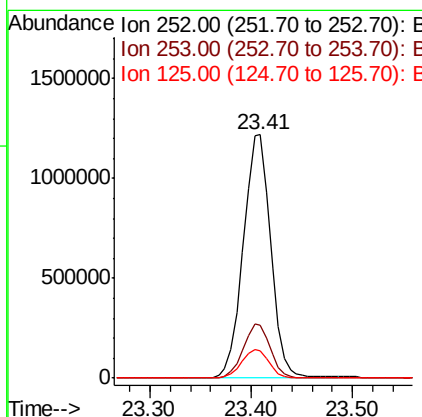
Manual Integrations
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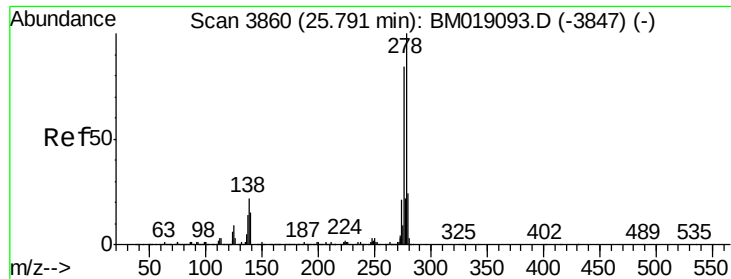
Sohil
3/18/2019 3:04:35 PM



#90
Benzo(a)pyrene
Concen: 39.159 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.3	9.2	13.8





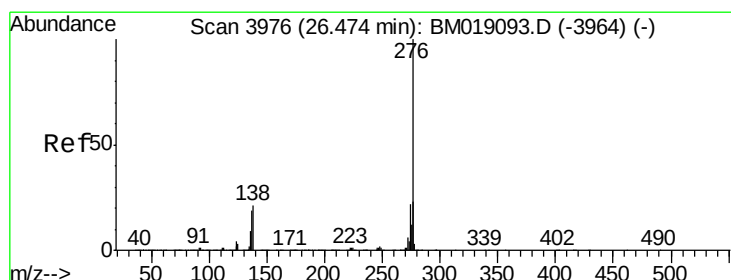
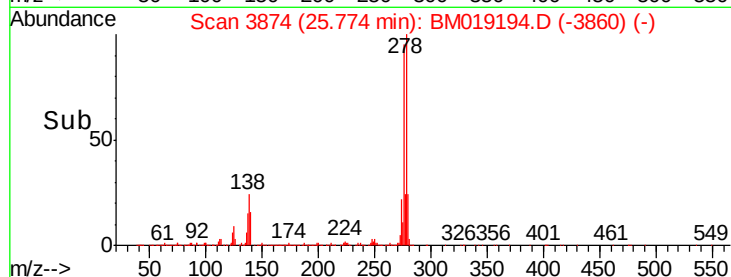
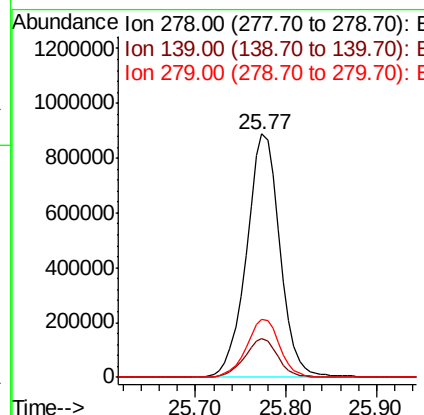
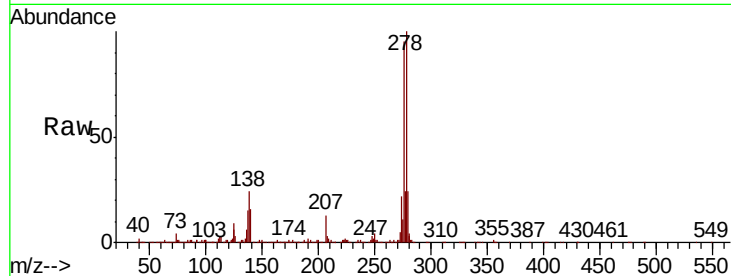
#91
Dibenzo(a,h)anthracene
Concen: 40.556 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.6	18.9	28.3

Manual Integrations
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Sohil
3/18/2019 3:04:35 PM



#92
Benzo(g,h,i)perylene
Concen: 41.316 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.4	17.0	25.4

