

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019165.D
 Acq On : 14 Mar 2019 12:38
 Operator : JU/SJ
 Sample : K1824-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Manual Integrations
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Sohil
 3/15/2019 5:51:07 PM

Quant Time: Mar 15 07:13:17 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	7.66	152	205463	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	926968	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	601604	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1415240	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1494303	20.00	ng	0.00
87) Perylene-d12	23.50	264	1342520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1733150	136.61	ng	0.00
7) Phenol-d6	6.84	99	2671839	143.98	ng	0.00
23) Nitrobenzene-d5	8.83	82	1630510	83.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1255862	141.39	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3439117	74.36	ng	-0.01
79) Terphenyl-d14	19.70	244	6185919	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	171603	30.405	ng	99
3) Pyridine	3.62	79	274400	17.871	ng	99
4) n-Nitrosodimethylamine	3.53	42	164949	34.555	ng	92
6) Aniline	7.00	93	388441	16.213	ng	100
8) 2-Chlorophenol	7.22	128	640602	42.018	ng	98
9) Benzaldehyde	6.82	77	297461	25.484	ng	100
10) Phenol	6.87	94	1059948	52.998	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	572946	37.543	ng	99
12) 1,3-Dichlorobenzene	7.54	146	576365	35.723	ng	100
13) 1,4-Dichlorobenzene	7.69	146	598848	36.406	ng	98
14) 1,2-Dichlorobenzene	8.00	146	584714	36.537	ng	99
15) Benzyl Alcohol	7.91	79	649731	42.304	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	578697	37.138	ng	99
17) 2-Methylphenol	8.10	107	583978	44.809	ng	99
18) Hexachloroethane	8.72	117	217206	35.536	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	598091	39.285	ng	99
20) 3+4-Methylphenols	8.43	107	815723	46.111	ng	100
22) Acetophenone	8.49	105	962063	37.555	ng	# 99
24) Nitrobenzene	8.87	77	816827	40.051	ng	99
25) Isophorone	9.39	82	1543991	41.262	ng	100
26) 2-Nitrophenol	9.57	139	354645	41.951	ng	99
27) 2,4-Dimethylphenol	9.63	122	631289	50.231	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	910226	41.082	ng	100
29) 2,4-Dichlorophenol	10.10	162	672787	48.335	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	617200	39.324	ng	100
31) Naphthalene	10.49	128	1939147	39.689	ng	100
32) Benzoic acid	9.77	122	188451m	17.705	ng	
33) 4-Chloroaniline	10.63	127	202809	10.126	ng	99
34) Hexachlorobutadiene	10.75	225	326122	36.208	ng	99
35) Caprolactam	11.45	113	231289m	46.647	ng	
36) 4-Chloro-3-methylphenol	11.75	107	816296	47.529	ng	99
37) 2-Methylnaphthalene	12.11	142	1512930	42.613	ng	100
38) 1-Methylnaphthalene	12.33	142	1445858	41.316	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	719706	37.819	ng	99

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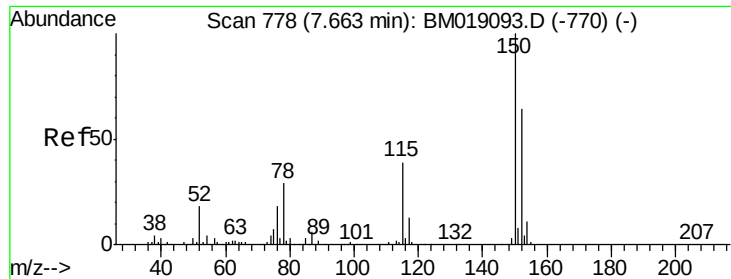
Manual Integrations
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 3/15/2019 5:51:07 PM

Quant Time: Mar 15 07:13:17 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	12.45	237	745243	86.455	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	561048	45.620	ng	97
44) 2,4,5-Trichlorophenol	12.80	196	604971	46.002	ng	99
46) 1,1'-Biphenyl	13.14	154	2001538	38.096	ng	99
47) 2-Chloronaphthalene	13.18	162	1560806	39.800	ng	100
48) 2-Nitroaniline	13.41	65	585846	44.544	ng	98
49) Acenaphthylene	14.03	152	2608112	39.332	ng	100
50) Dimethylphthalate	13.78	163	2599107	50.503	ng	99
51) 2,6-Dinitrotoluene	13.91	165	479933	43.139	ng	99
52) Acenaphthene	14.37	154	1507391	39.562	ng	99
53) 3-Nitroaniline	14.24	138	240582	20.418	ng	99
54) 2,4-Dinitrophenol	14.46	184	477991	73.982	ng	98
55) Dibenzofuran	14.72	168	2486437	40.465	ng	99
56) 4-Nitrophenol	14.56	139	851506	88.511	ng	99
57) 2,4-Dinitrotoluene	14.70	165	696682	43.141	ng	98
58) Fluorene	15.37	166	2076481	40.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	556356	45.443	ng	100
60) Diethylphthalate	15.14	149	2224754	42.683	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1020144	41.470	ng	97
62) 4-Nitroaniline	15.42	138	477730	40.231	ng	98
63) Azobenzene	15.66	77	2291270	41.775	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	354835	38.261	ng	100
66) n-Nitrosodiphenylamine	15.59	169	1841102	40.862	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	622806	39.907	ng	98
68) Hexachlorobenzene	16.36	284	738068	39.778	ng	98
69) Atrazine	16.54	200	662523	43.682	ng	98
70) Pentachlorophenol	16.72	266	923159	82.581	ng	100
71) Phenanthrene	17.11	178	3270450	39.426	ng	100
72) Anthracene	17.20	178	3336860	41.091	ng	99
73) Carbazole	17.48	167	3144608	41.028	ng	99
74) Di-n-butylphthalate	18.03	149	3905304	42.136	ng	100
75) Fluoranthene	19.13	202	3803910	39.963	ng	99
77) Benzidine	19.33	184	363532	8.578	ng	100
78) Pyrene	19.50	202	3870629	40.939	ng	100
80) Butylbenzylphthalate	20.40	149	1859139	45.146	ng	99
81) Benzo(a)anthracene	21.25	228	3655506	38.993	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	761366	21.082	ng	97
83) Chrysene	21.30	228	3519842	38.810	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2759754	46.065	ng	# 97
85) Di-n-octyl phthalate	22.05	149	4685559	46.446	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3559617	36.460	ng	100
88) Benzo(b)fluoranthene	22.83	252	3547417	40.779	ng	99
89) Benzo(k)fluoranthene	22.87	252	3547719	44.339	ng	99
90) Benzo(a)pyrene	23.41	252	3286250	42.036	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	3081605	41.207	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2815496	41.007	ng	100

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



#1

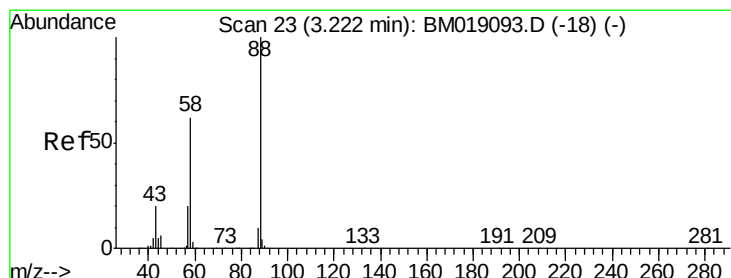
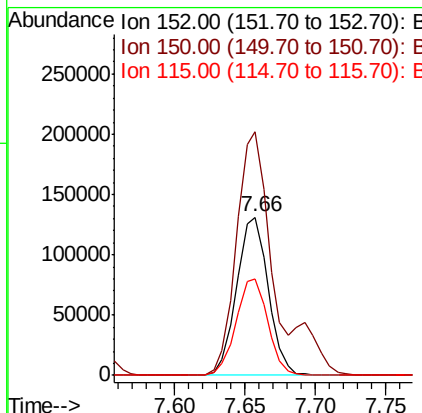
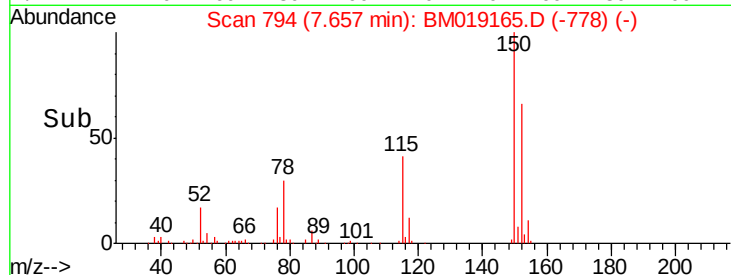
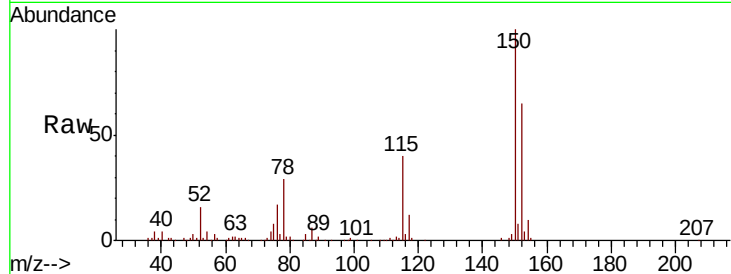
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	61.3	49.4	74.0

Manual Integrations
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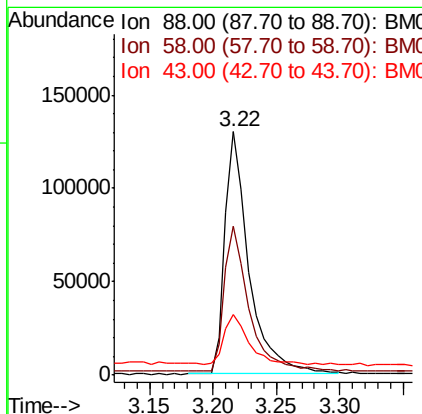
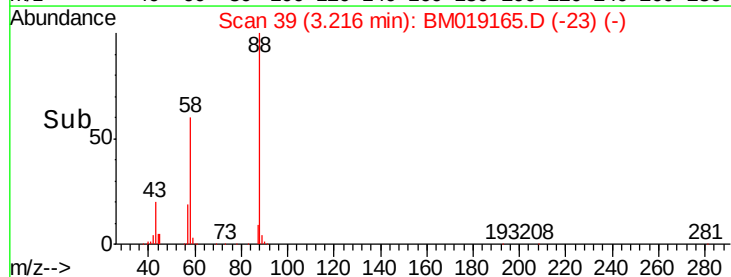
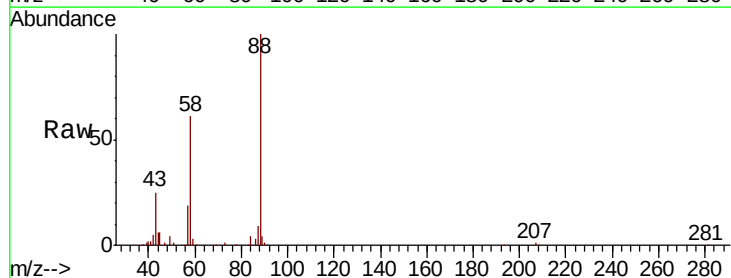
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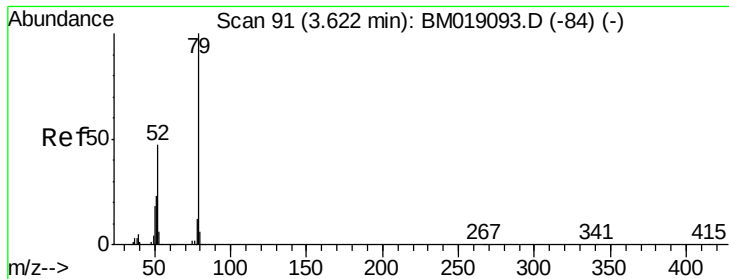


#2

1,4-Dioxane
Concen: 30.405 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	50.0	75.0
43	20.9	17.0	25.4





#3

Pvridine

Concen: 17.871 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

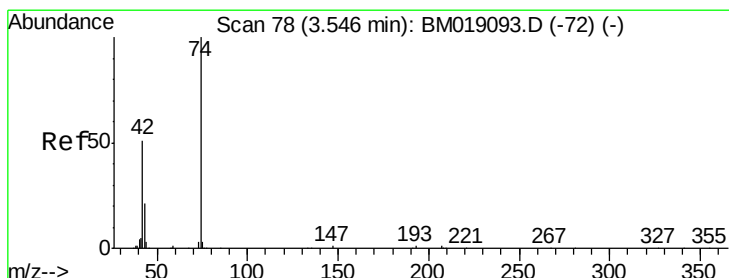
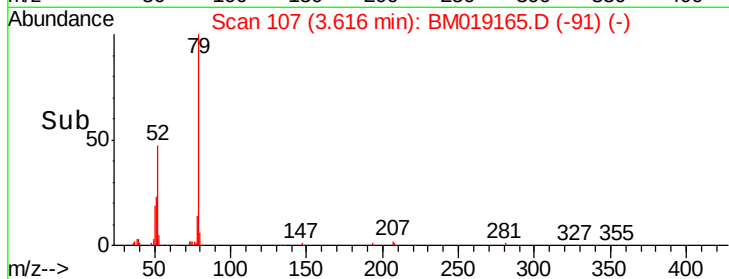
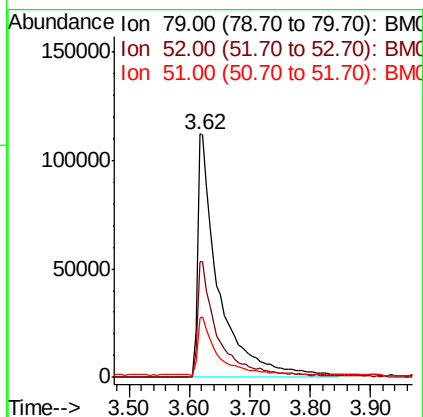
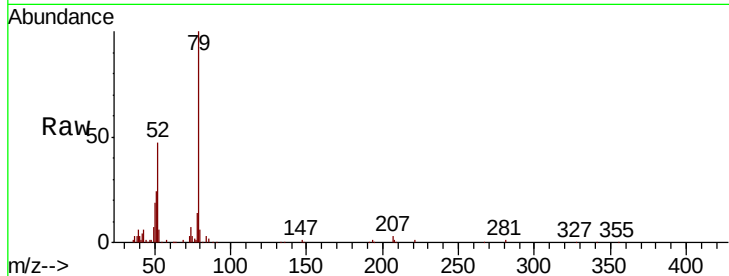
ClientSampled :

TP-24MSD

Tot Ion:	79	Resp:	274400
Ion Ratio	Lower	Upper	
79	100		
52	47.4	37.5	56.3
51	24.1	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.555 ng

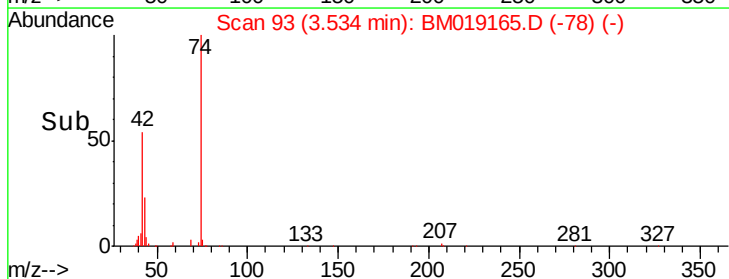
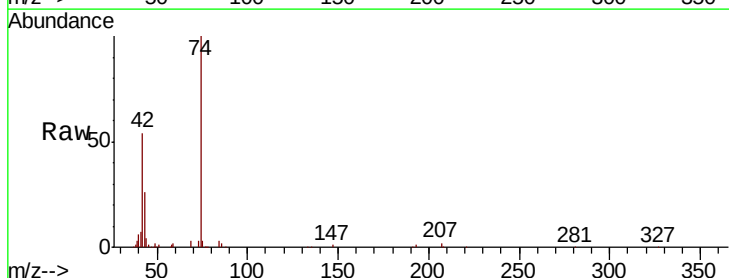
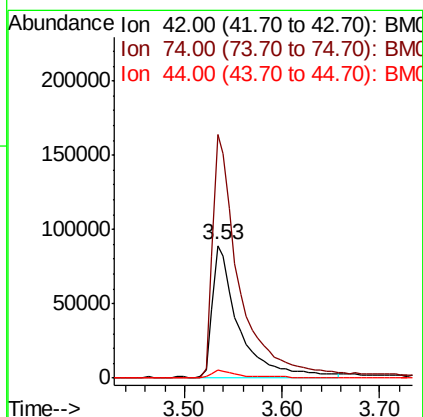
RT: 3.53 min Scan# 93

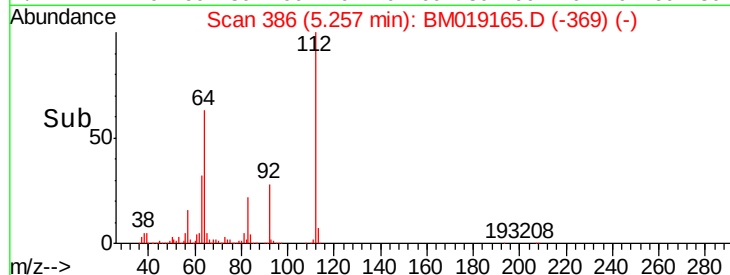
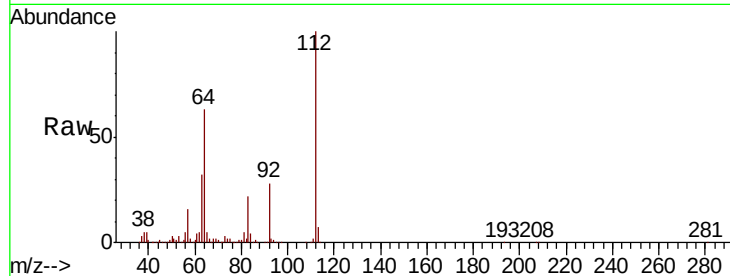
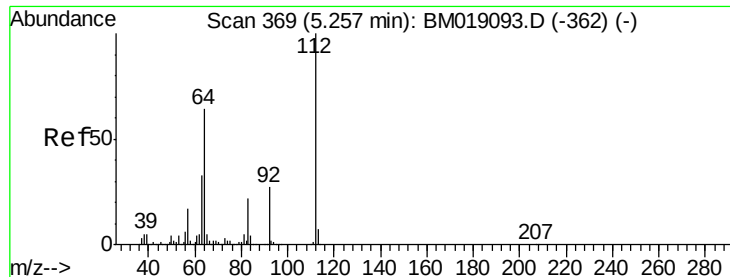
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	42	Resp:	164949
Ion Ratio	Lower	Upper	
42	100		
74	183.7	156.3	234.5
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 136.608 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tot Ion:	112	Resp:	1733150
Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.4	77.0
63	31.8	26.6	40.0

Instrument :

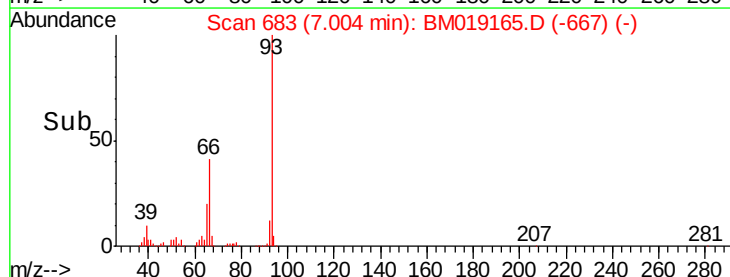
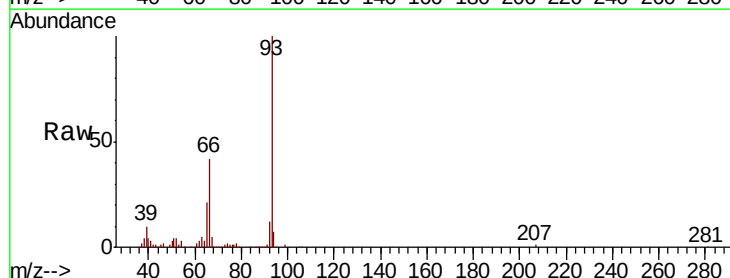
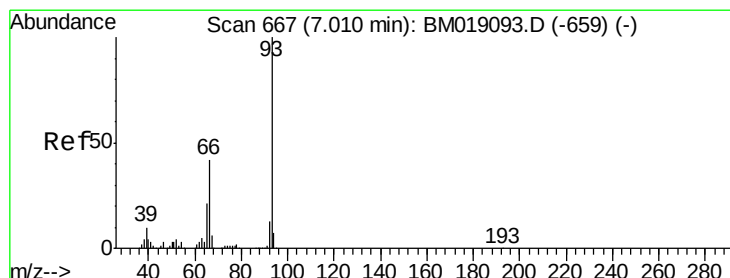
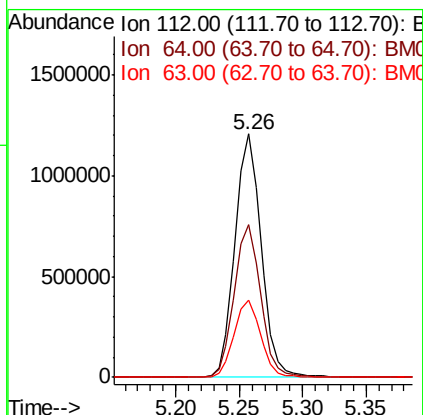
BNA_M

ClientSampleId :

TP-24MSD

Manual Integrations
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#6

Aniline

Concen: 16.213 ng

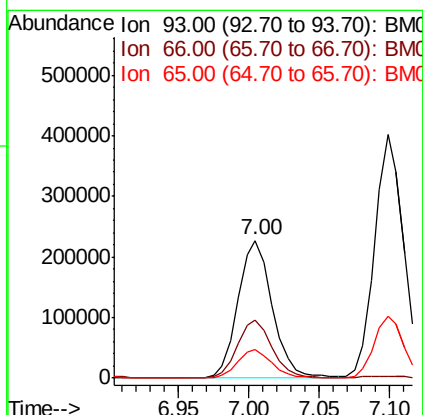
RT: 7.00 min Scan# 683

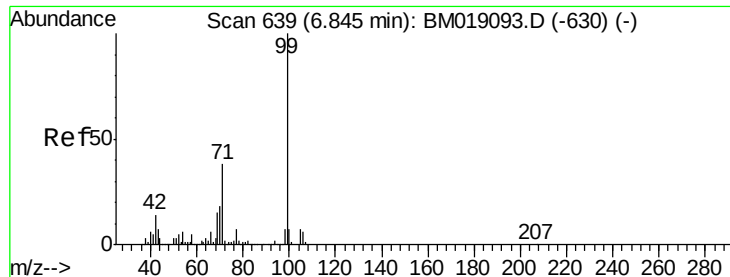
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	93	Resp:	388441
Ion	Ratio	Lower	Upper
93	100		
66	41.9	33.4	50.2
65	20.6	16.8	25.2





#7

Phenol-d6

Concen: 143.977 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion: 99 Resp: 2671839

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

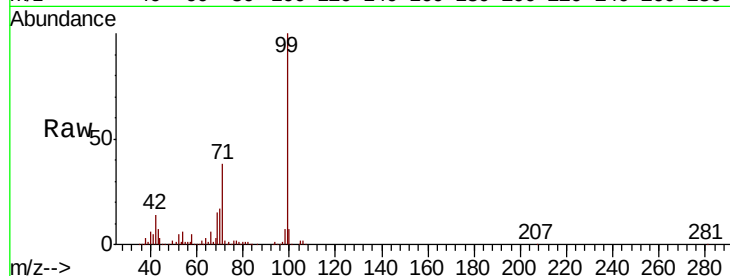
71 38.2 30.3 45.5

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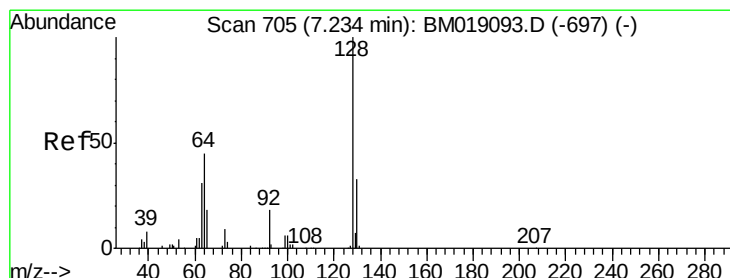
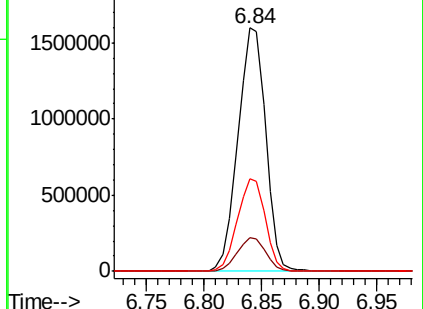
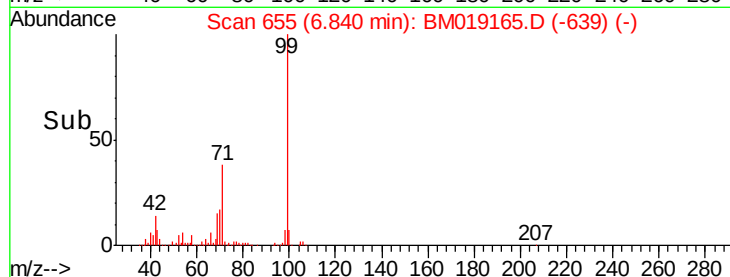
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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: 42.018 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

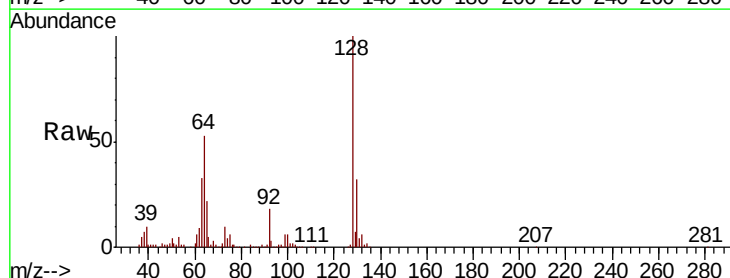
Tgt Ion: 128 Resp: 640602

Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

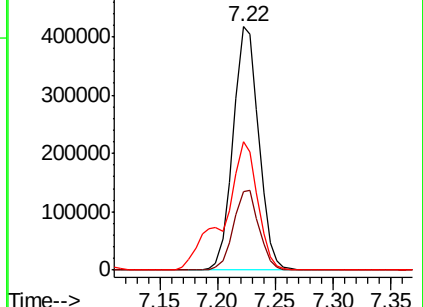
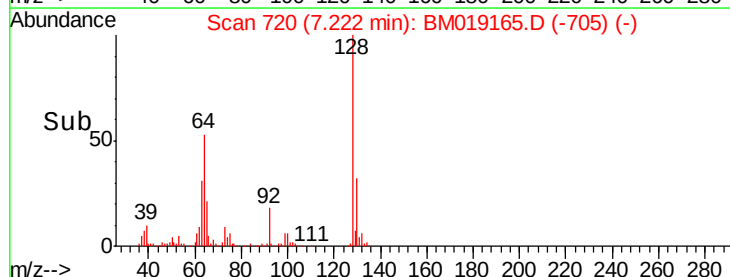
64 52.7 30.8 70.8

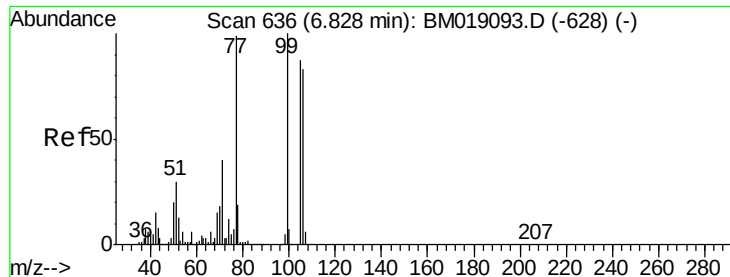


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

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: 25.484 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

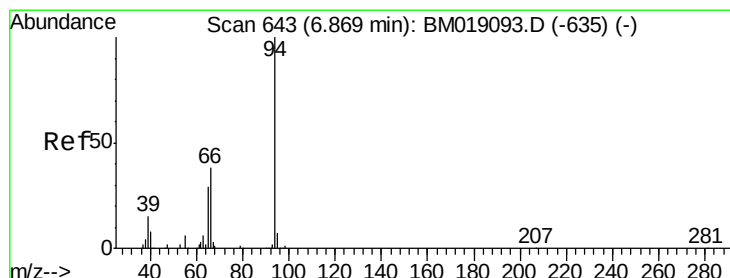
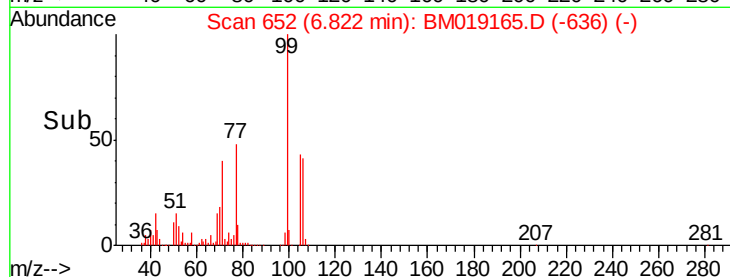
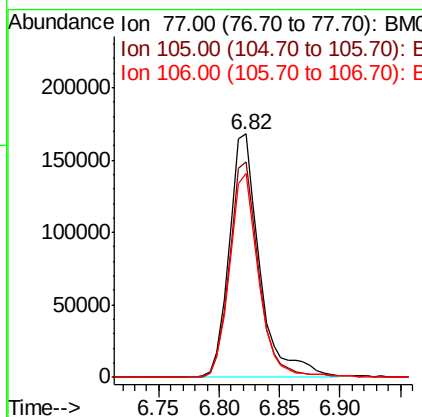
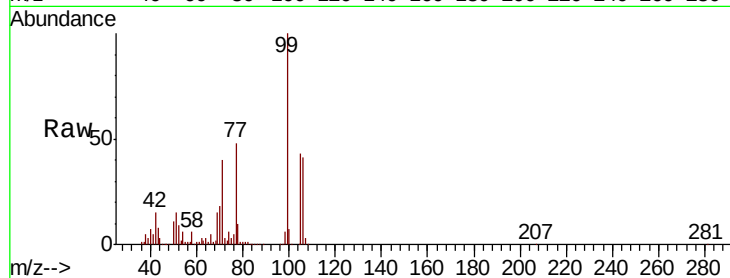
ClientSampleId :

TP-24MSD

Tot Ion:	77	Resp:	297461
Ion Ratio	Lower	Upper	
77	100		
105	88.2	67.7	107.7
106	83.9	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 52.998 ng

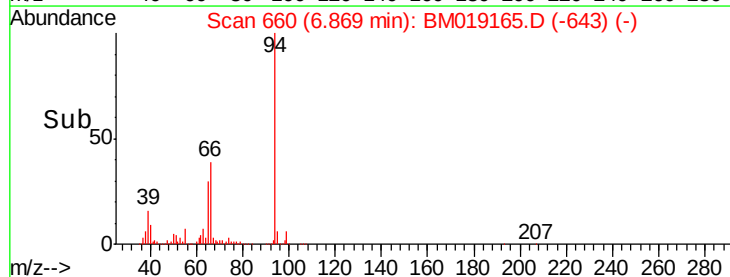
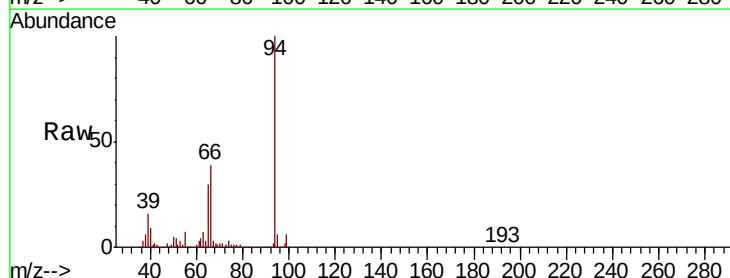
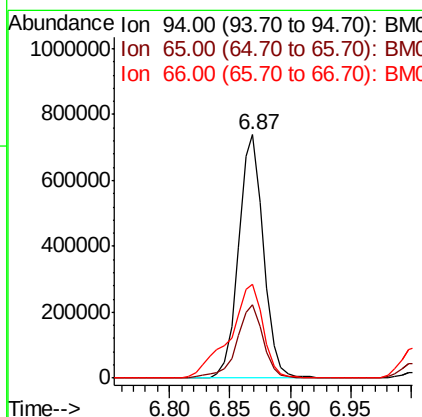
RT: 6.87 min Scan# 660

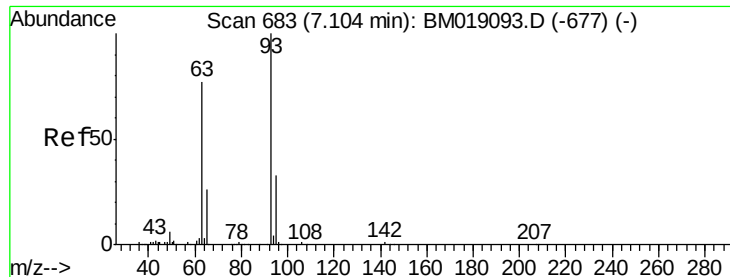
Delta R.T. -0.00 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	94	Resp:	1059948
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.7	49.7
66	38.7	19.2	59.2





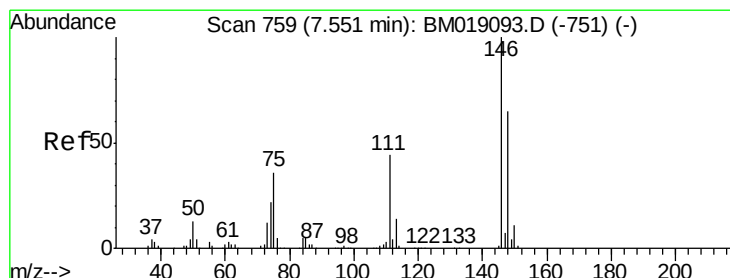
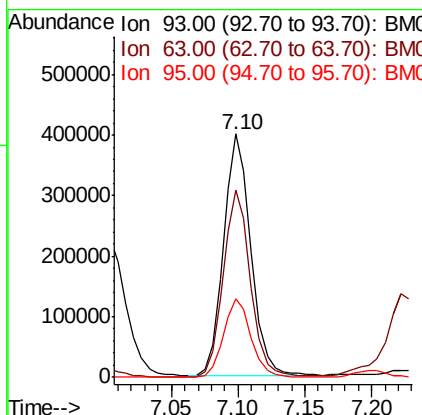
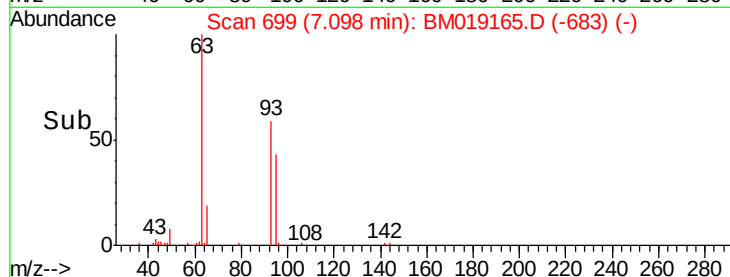
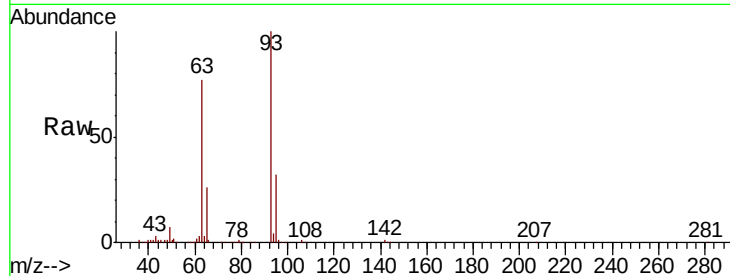
#11
bis(2-Chloroethyl)ether
Concen: 37.543 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	56.6	96.6
95	32.3	13.0	53.0

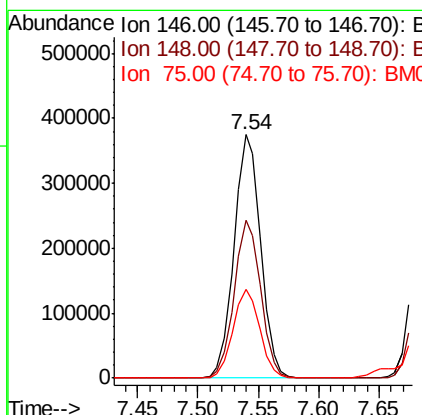
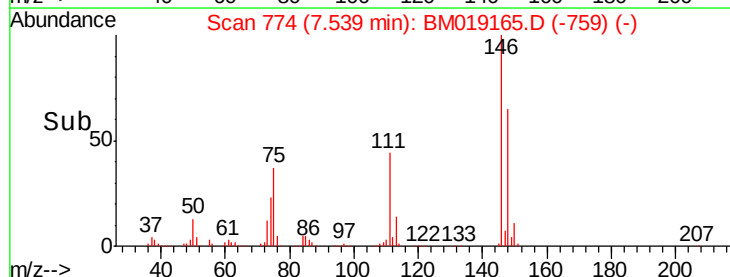
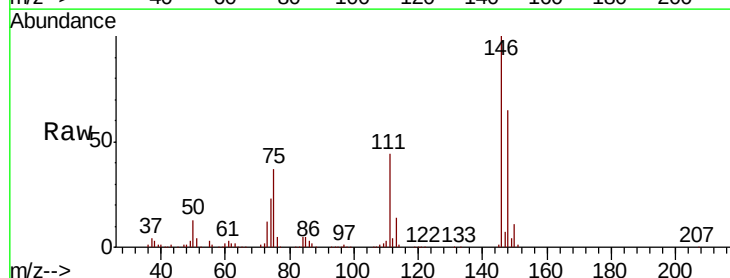
Manual Integrations
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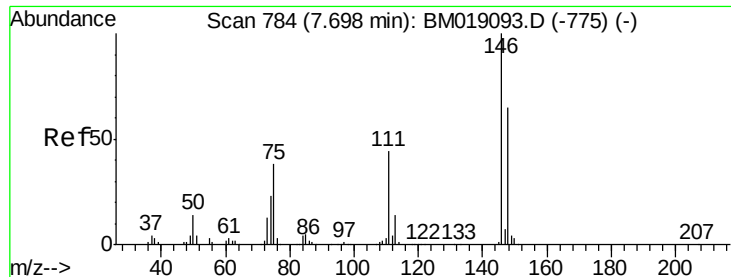
Sohil
3/15/2019 5:51:07 PM



#12
1,3-Dichlorobenzene
Concen: 35.723 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	36.7	29.1	43.7





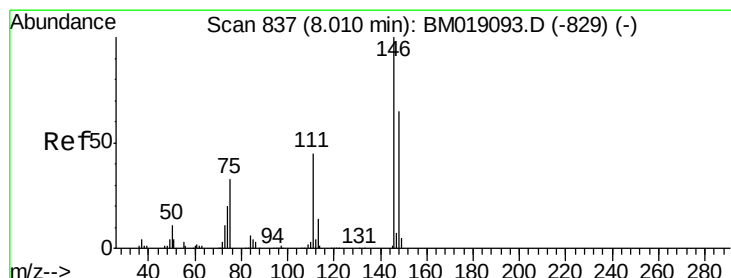
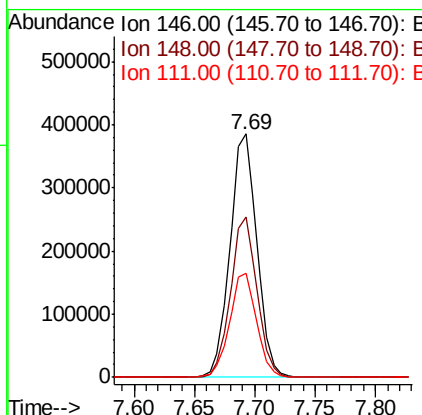
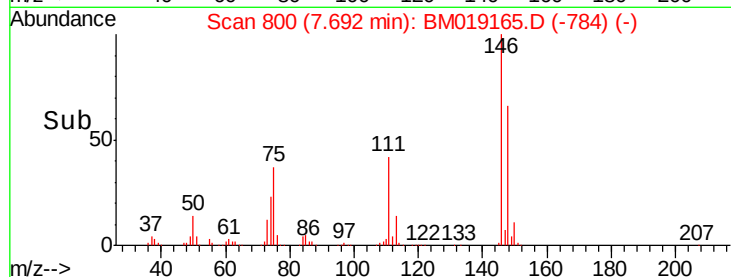
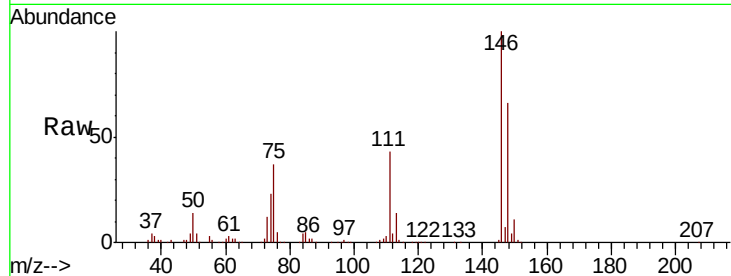
#13
1,4-Dichlorobenzene
Concen: 36.406 ng
RT: 7.69 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	42.5	35.4	53.0

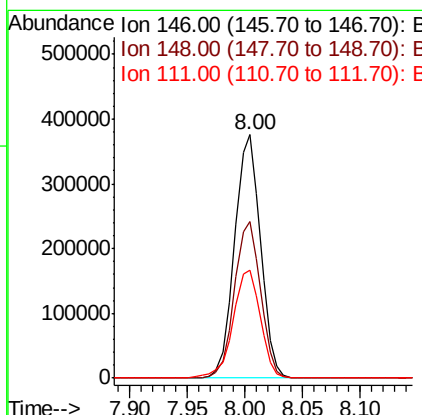
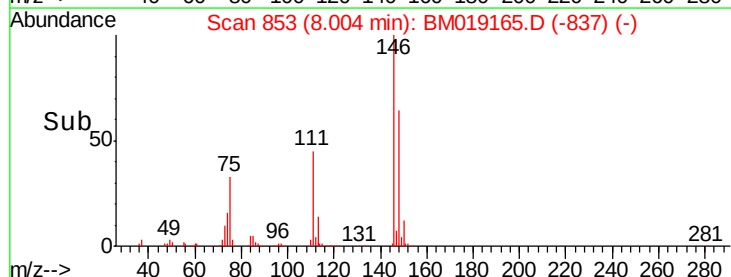
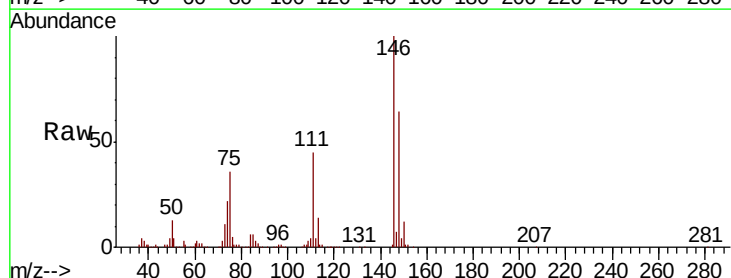
Manual Integrations
APPROVED

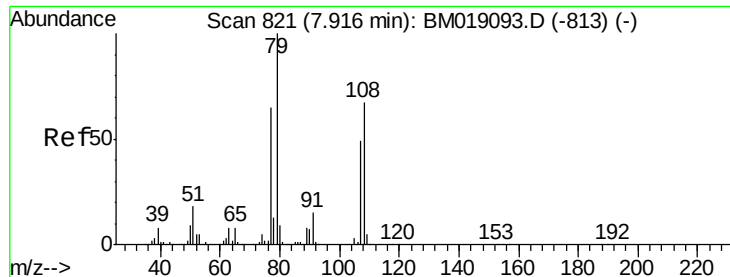
Sohil
3/15/2019 5:51:07 PM



#14
1,2-Dichlorobenzene
Concen: 36.537 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	44.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.304 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

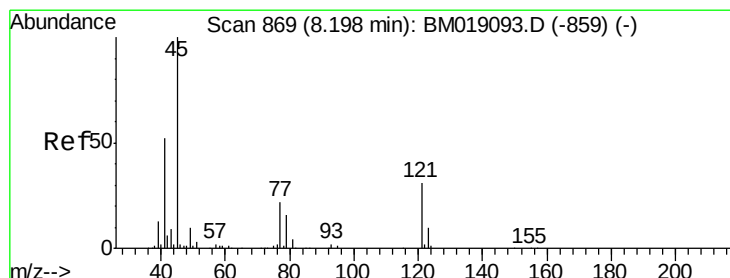
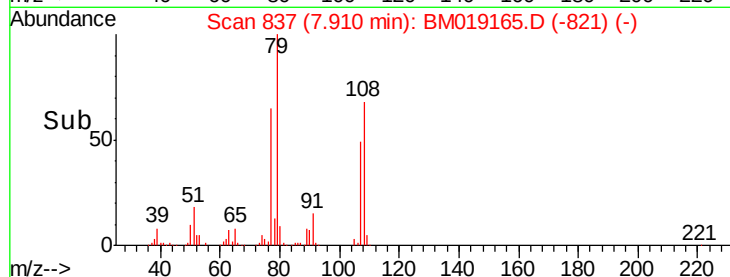
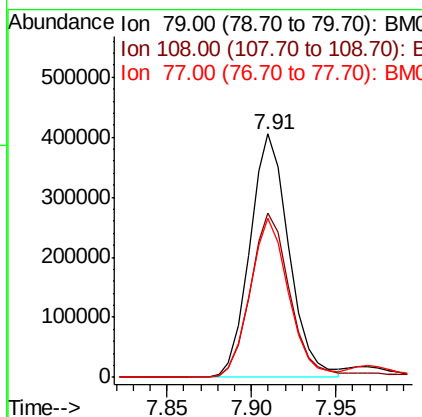
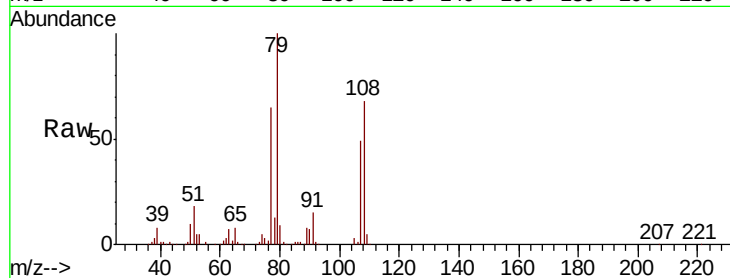
ClientSampled :

TP-24MSD

Tot Ion:	79	Resp:	649731
Ion Ratio	Lower	Upper	
79	100		
108	67.6	53.7	80.5
77	65.1	51.8	77.8

Manual Integrations
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3/15/2019 5:51:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.138 ng

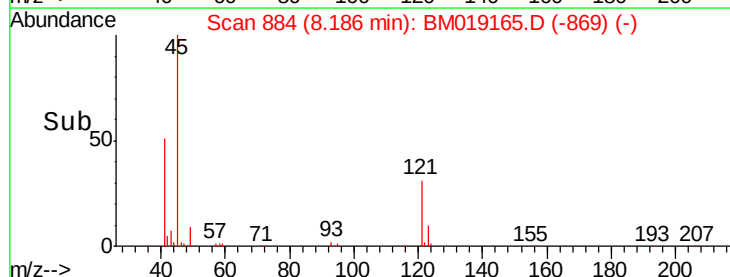
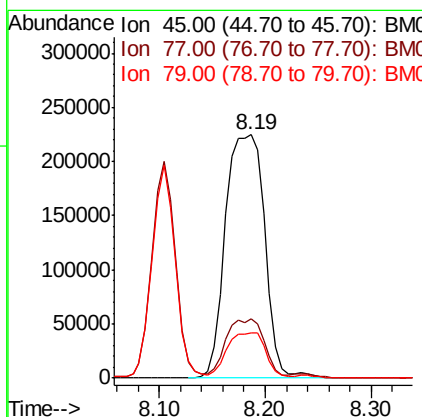
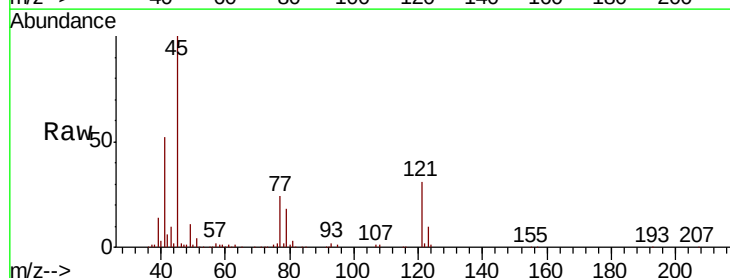
RT: 8.19 min Scan# 884

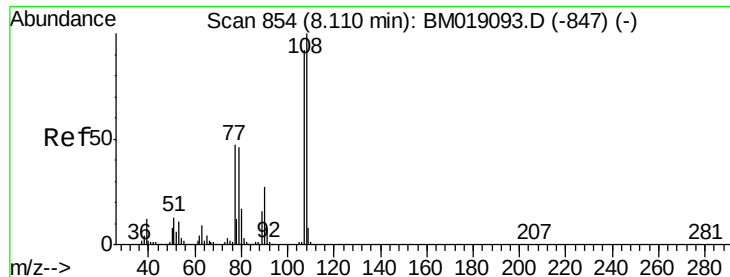
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	45	Resp:	578697
Ion Ratio	Lower	Upper	
45	100		
77	24.3	4.1	44.1
79	18.4	0.0	38.1





#17

2-Methylphenol

Concen: 44.809 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

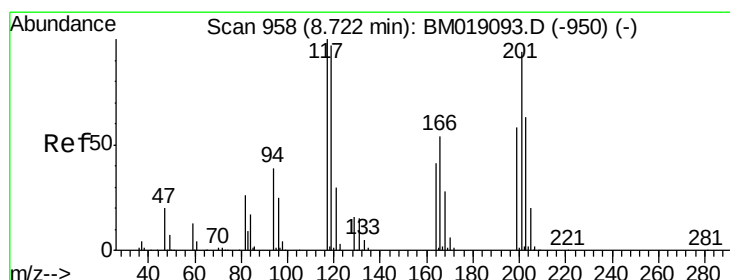
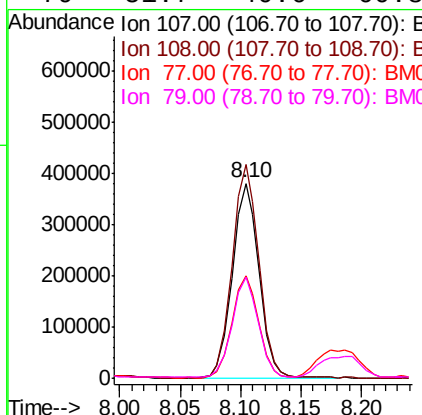
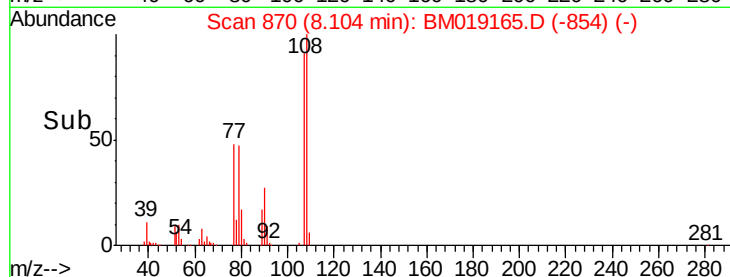
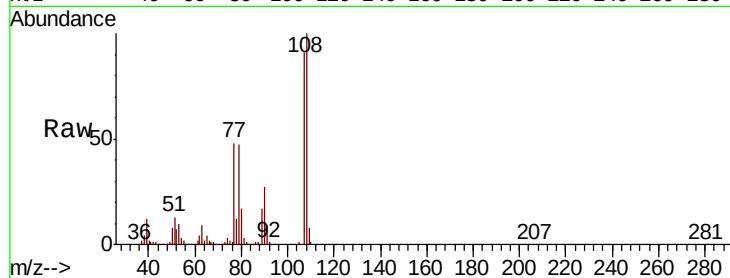
ClientSampleId :

TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	87.4	131.2	
77	52.8	41.6	62.4	
79	51.7	40.6	60.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 35.536 ng

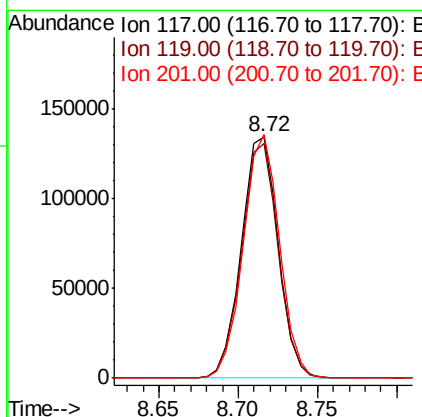
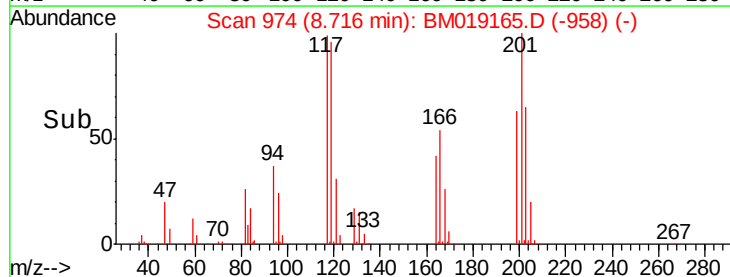
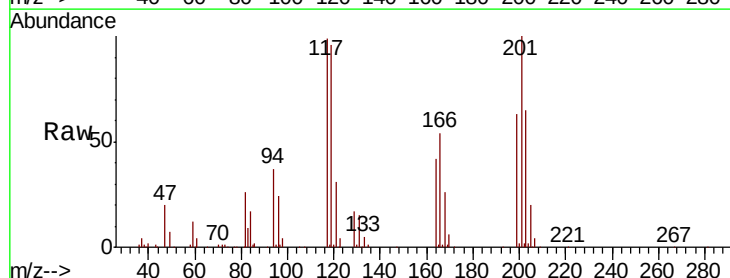
RT: 8.72 min Scan# 974

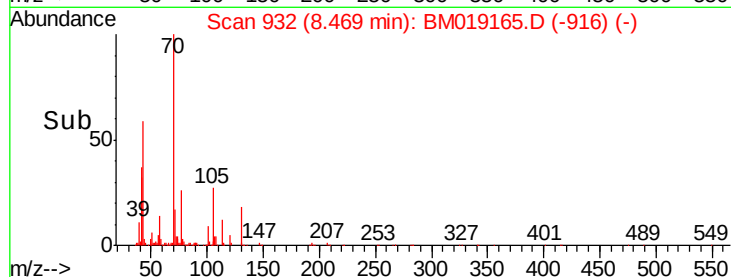
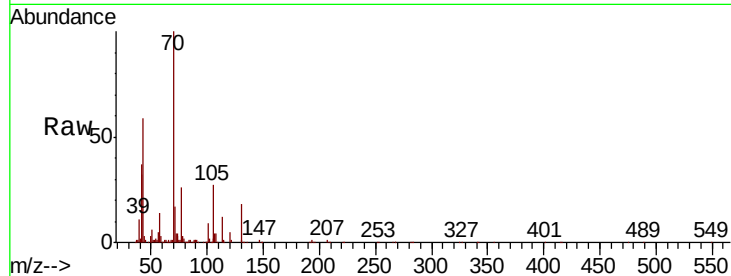
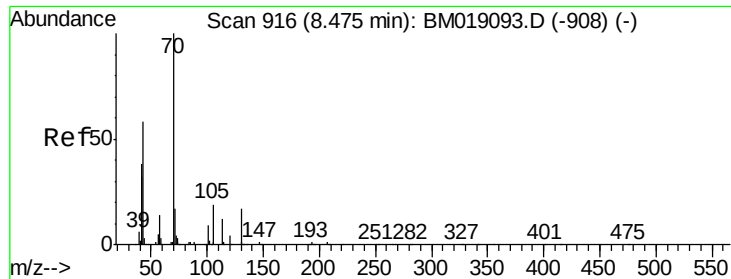
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.4	116.2	
201	100.8	75.2	112.8	





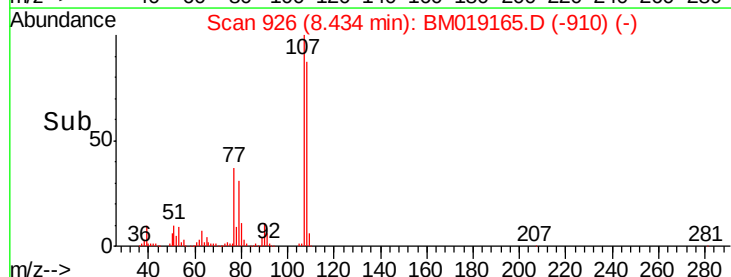
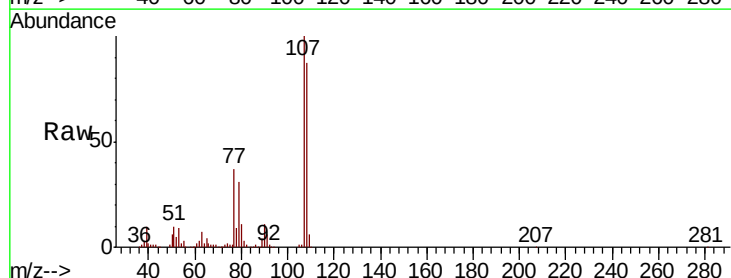
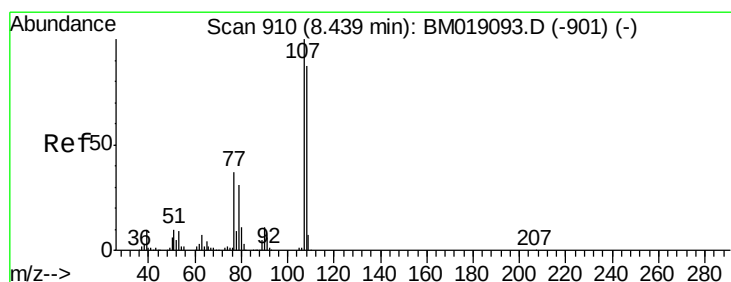
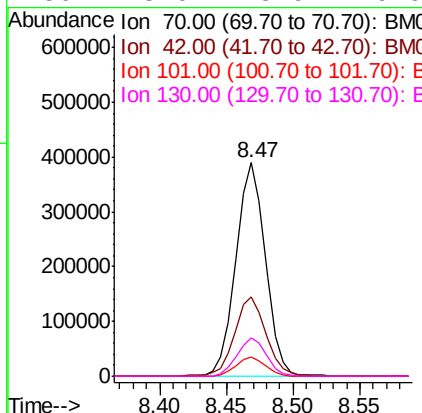
#19
n-Nitroso-di-n-propylamine
Concen: 39.285 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.3		30.6	45.8	
101	8.9		6.8	10.2	
130	18.0		13.9	20.9	

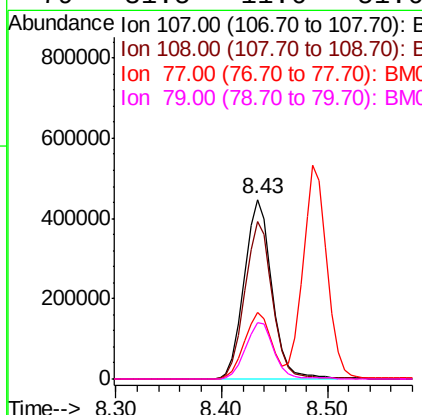
Manual Integrations
APPROVED

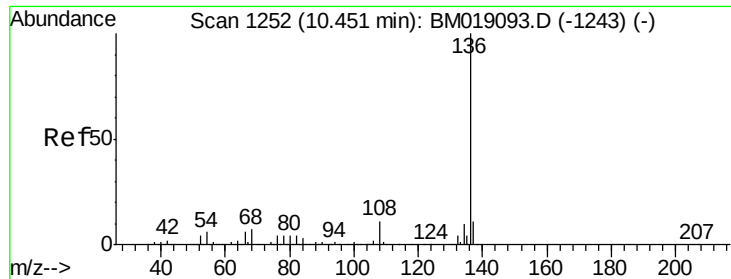
Sohil
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#20
3+4-Methylphenols
Concen: 46.111 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3		67.0	107.0	
77	36.9		17.3	57.3	
79	31.5		11.6	51.6	





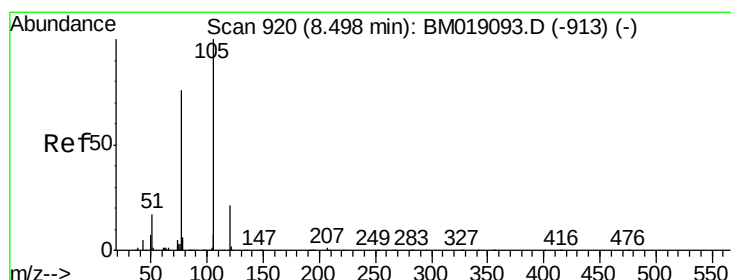
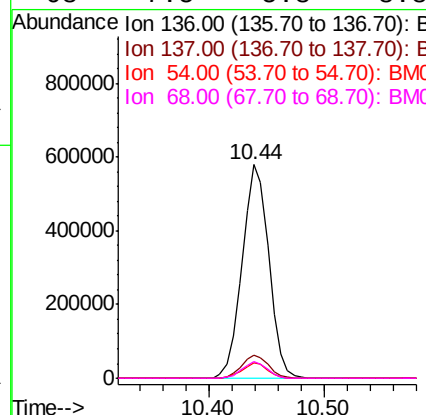
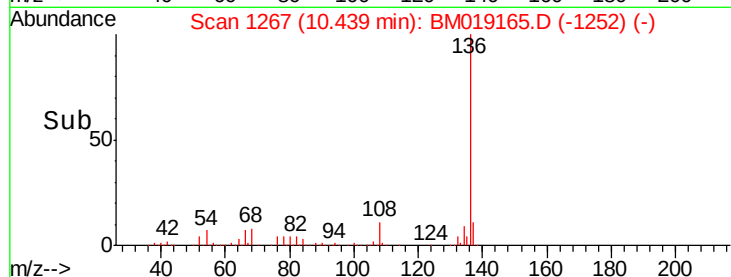
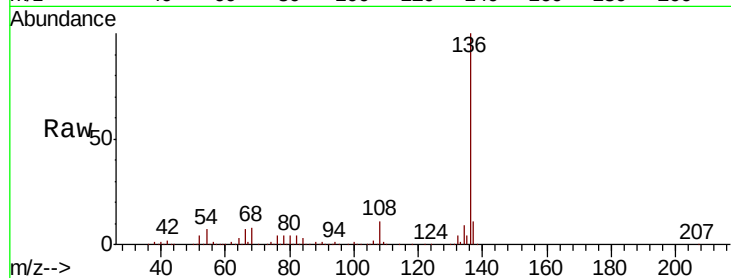
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	926968		
137	11.1	8.6	13.0	
54	7.1	5.2	7.8	
68	7.5	5.8	8.8	

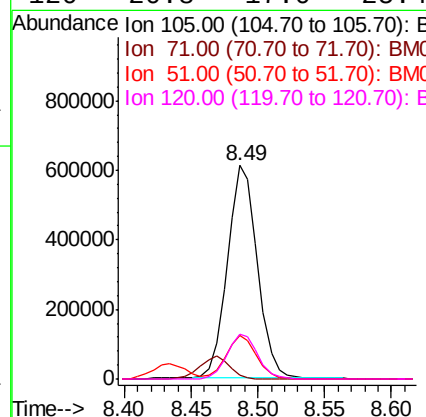
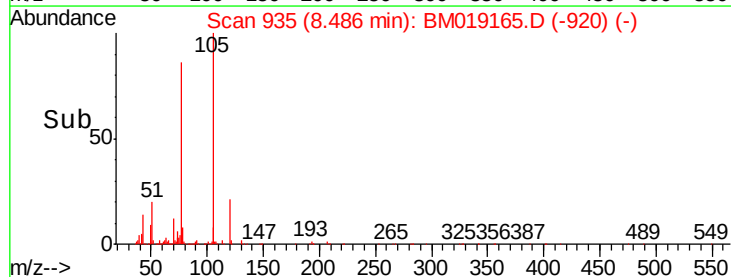
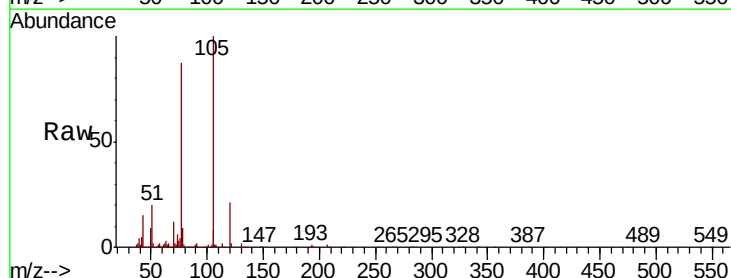
Manual Integrations
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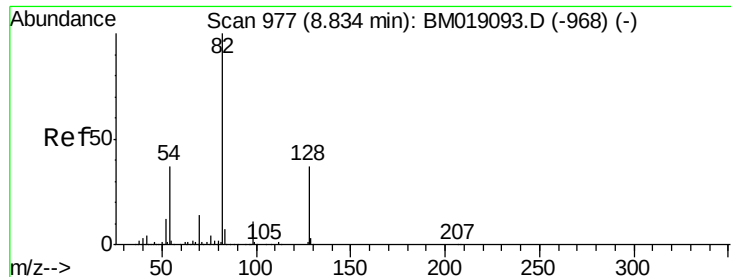
Sohil
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#22
Acetophenone
Concen: 37.555 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	962063		
71	2.0	0.8	1.2#	
51	20.4	15.8	23.6	
120	20.8	17.0	25.4	





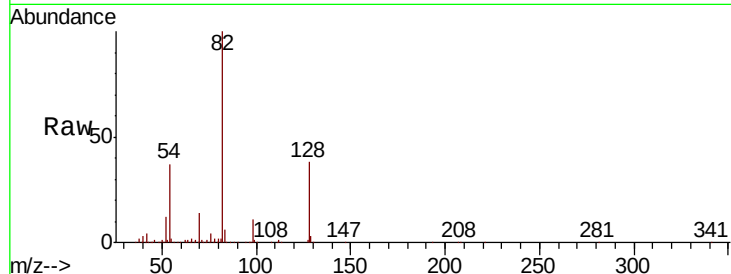
#23
Nitrobenzene-d5
Concen: 83.147 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	37.3	29.9	44.9

Manual Integrations
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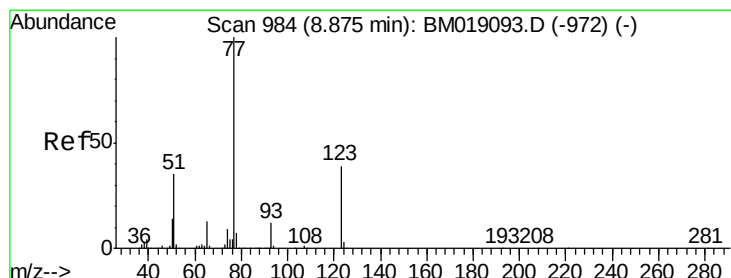
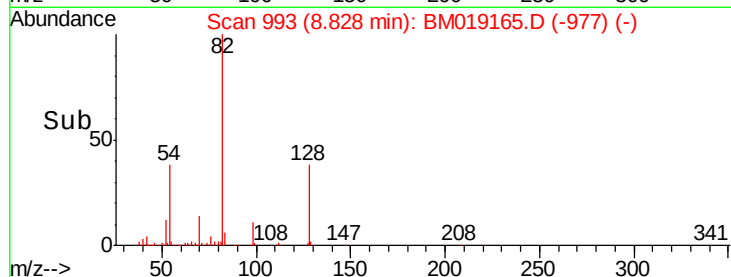
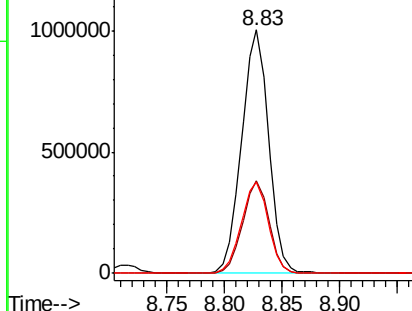
Sohil
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Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

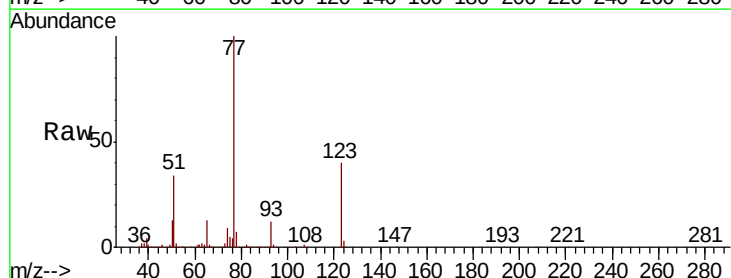
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#24
Nitrobenzene
Concen: 40.051 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

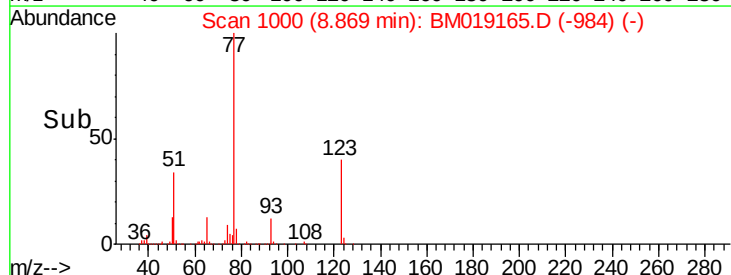
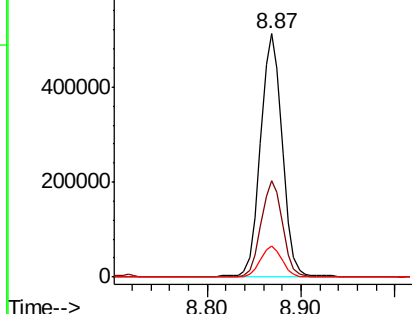
Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	31.3	46.9
65	12.9	10.5	15.7

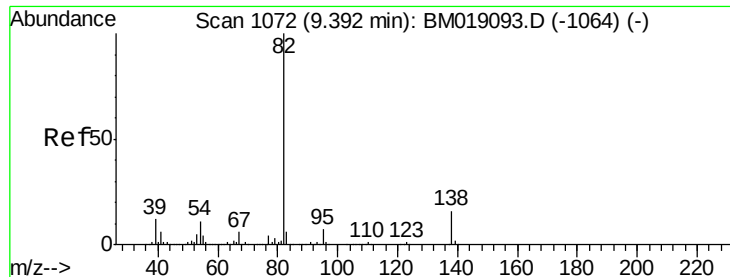


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)

Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)





#25

Isophorone

Concen: 41.262 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion: 82 Resp: 1543991

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

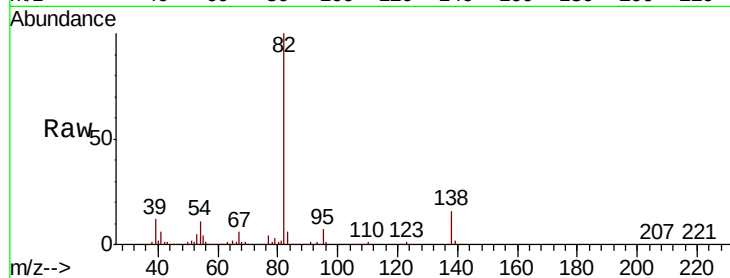
138 15.5 12.6 18.8

Manual Integrations

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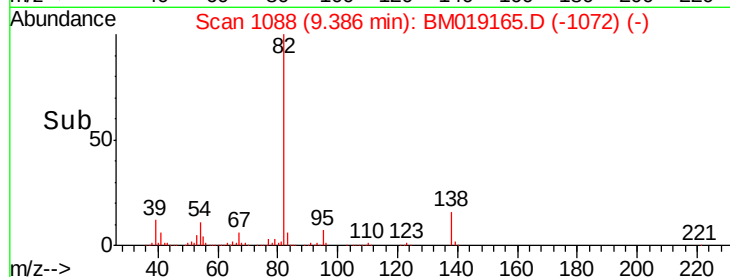


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)

Time-->



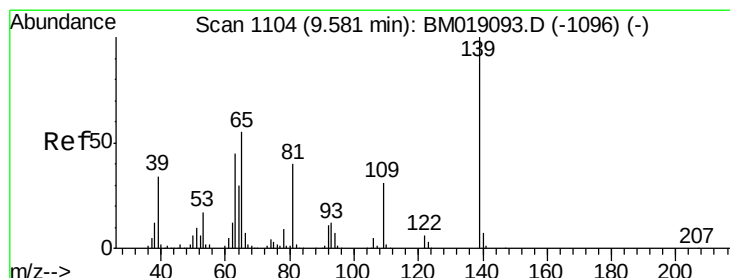
Abundance

Ion 82.00 (81.70 to 82.70): BM019165.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019165.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019165.D (-1072) (-)

Time-->



#26

2-Nitrophenol

Concen: 41.951 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

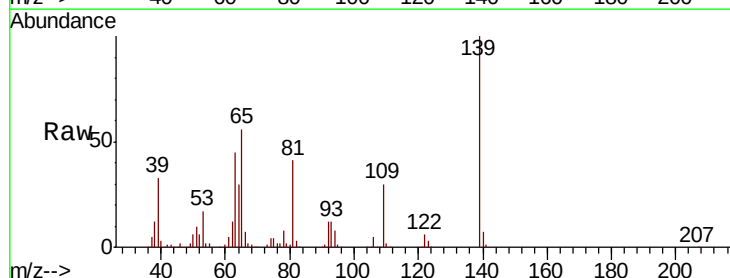
Tgt Ion: 139 Resp: 354645

Ion Ratio Lower Upper

139 100

109 30.4 24.5 36.7

65 56.2 44.4 66.6

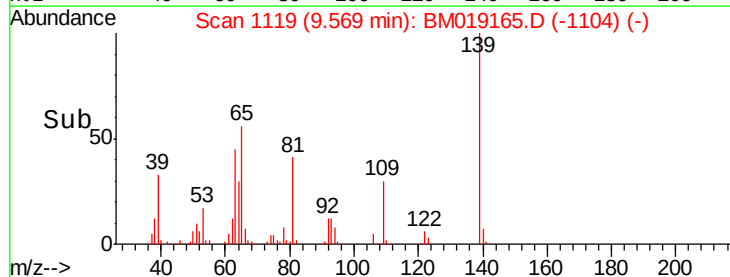


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)

Time-->



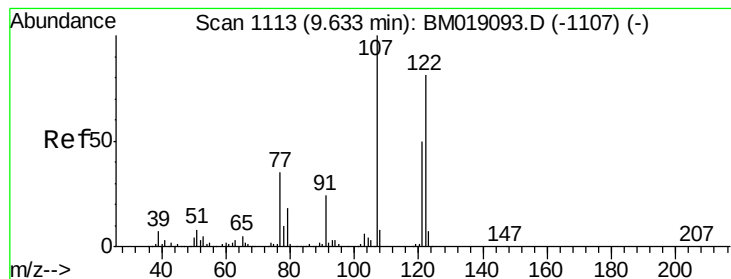
Abundance

Ion 139.00 (138.70 to 139.70): BM019165.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019165.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019165.D (-1104) (-)

Time-->



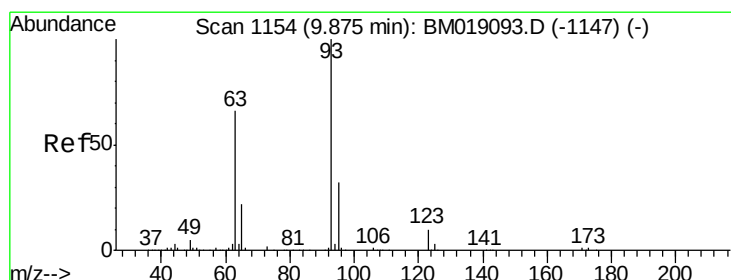
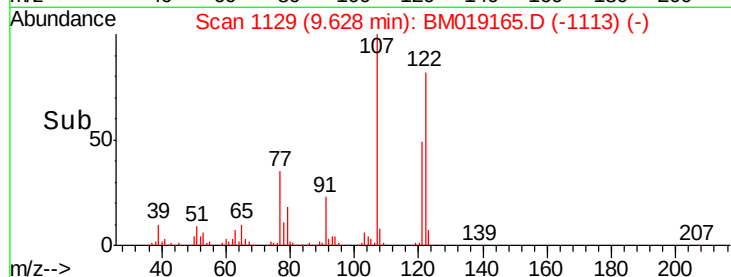
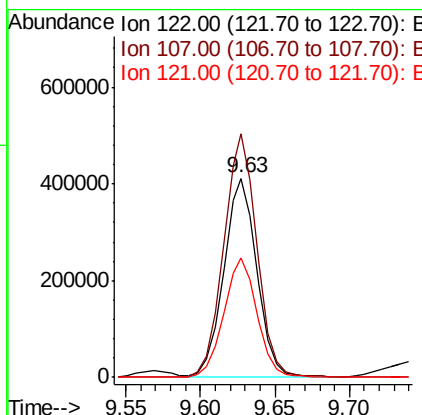
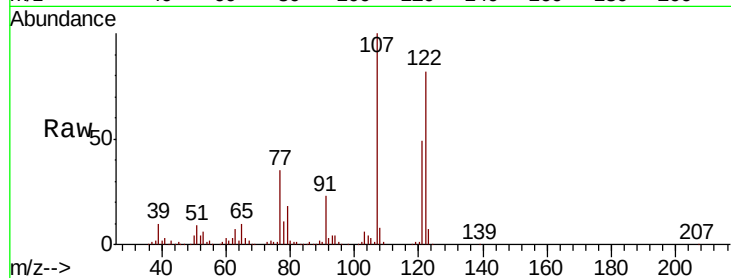
#27
2,4-Dimethylphenol
Concen: 50.231 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.3	98.2	147.4
121	60.2	48.8	73.2

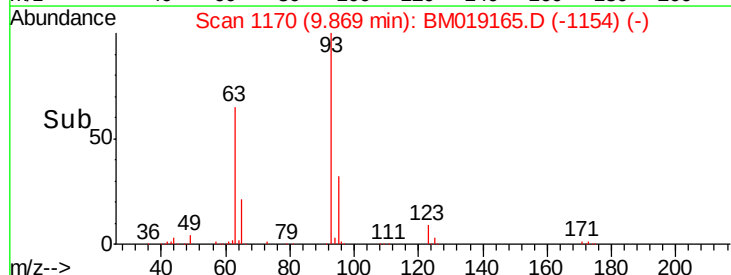
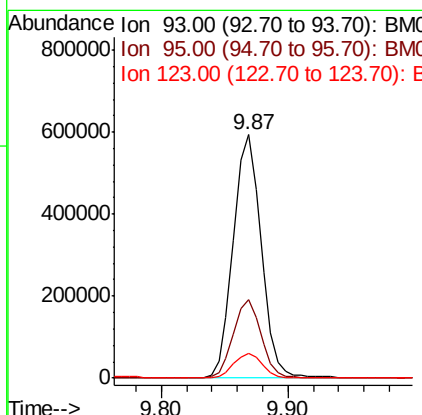
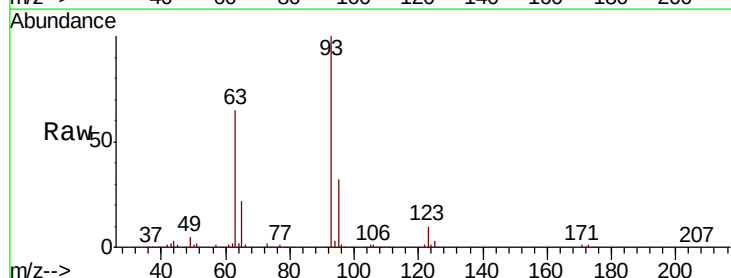
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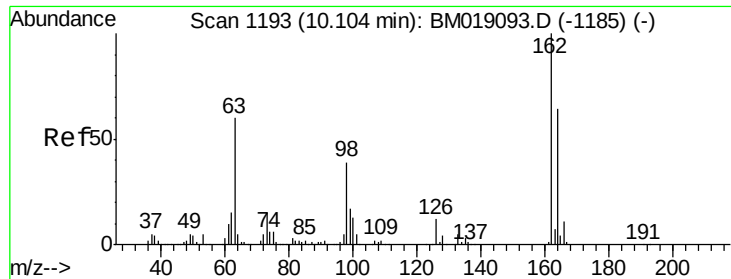
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.082 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	10.2	7.9	11.9





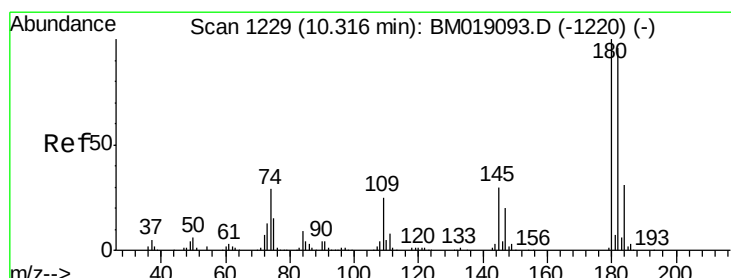
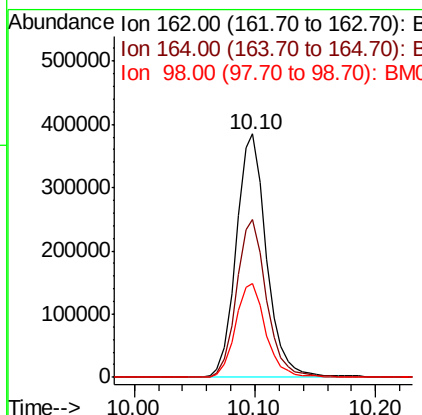
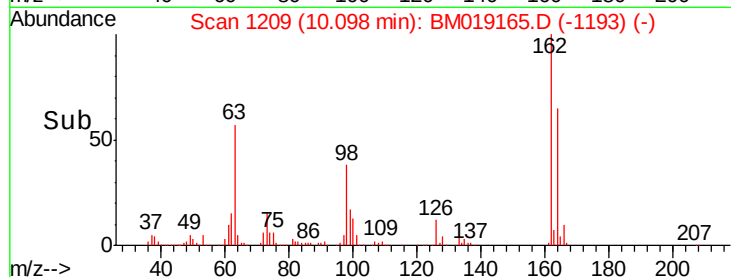
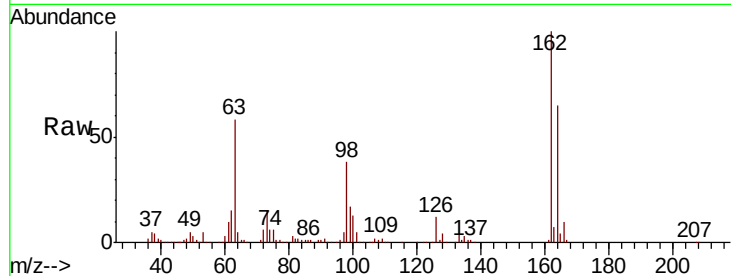
#29
 2,4-Dichlorophenol
 Concen: 48.335 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	672787		
164	64.6	43.5	83.5	
98	38.3	19.1	59.1	

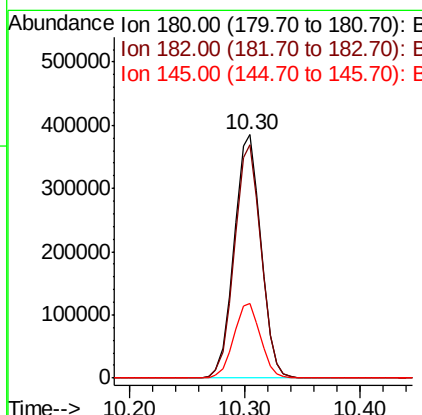
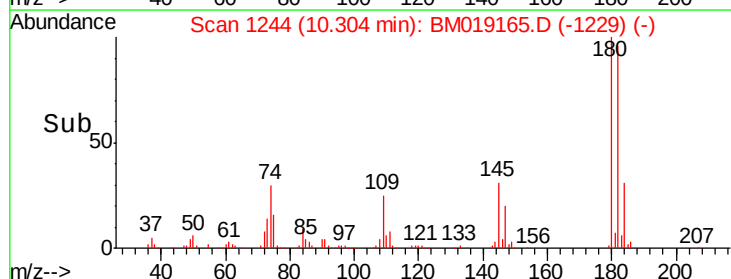
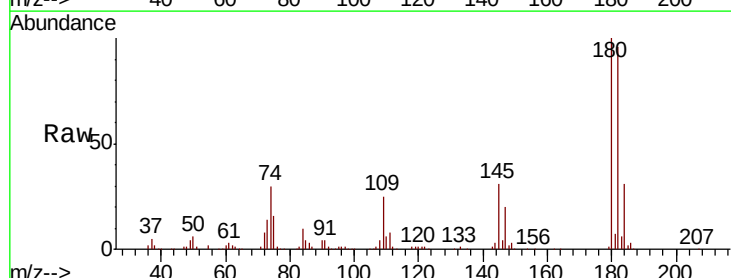
Manual Integrations
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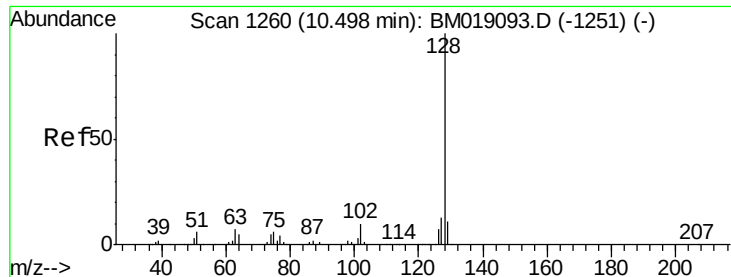
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.324 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	617200		
182	96.0	76.6	114.8	
145	30.7	24.3	36.5	





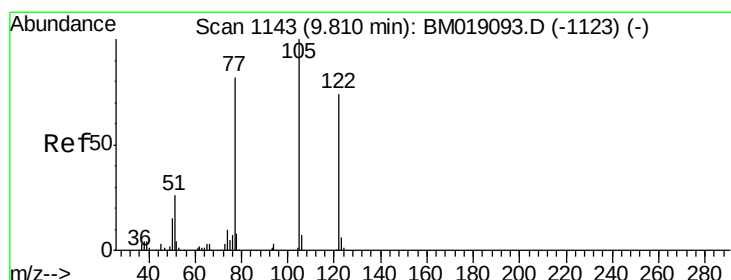
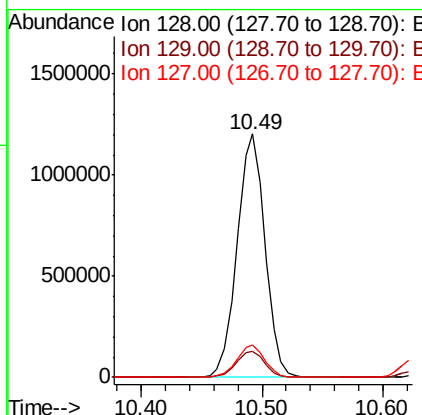
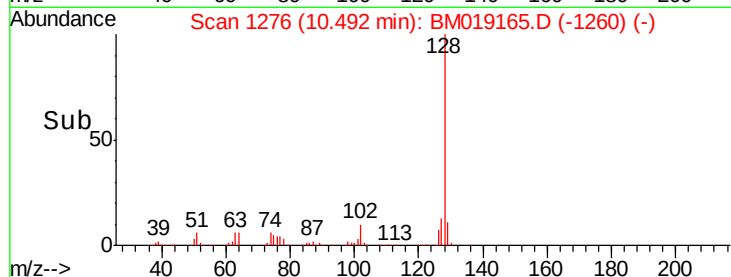
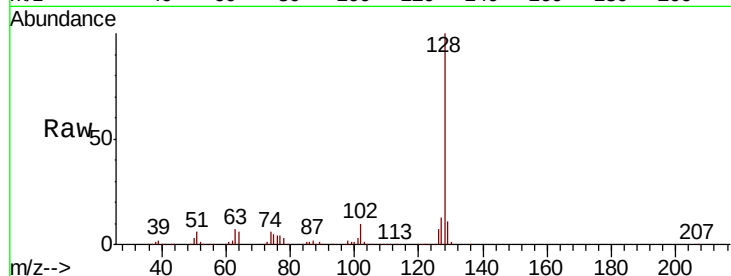
#31
Naphthalene
Concen: 39.689 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.3	10.4	15.6

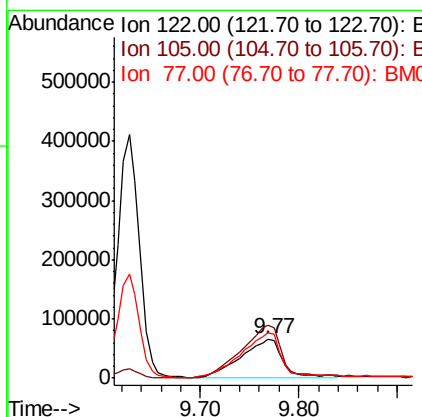
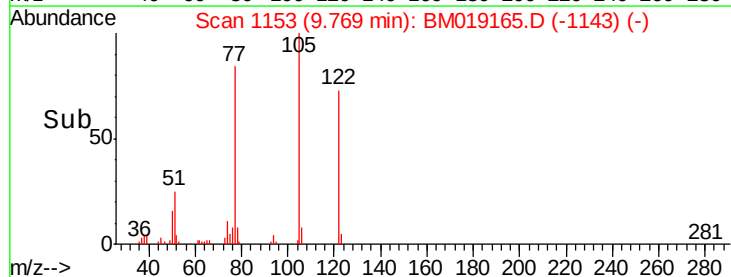
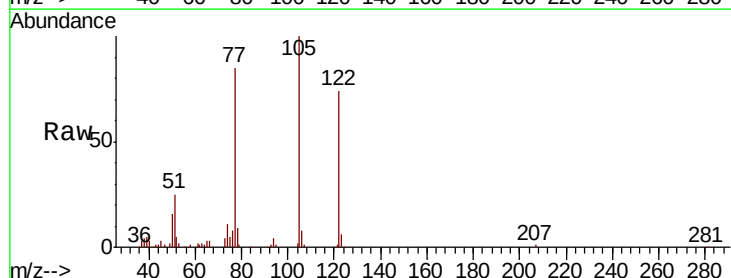
Manual Integrations
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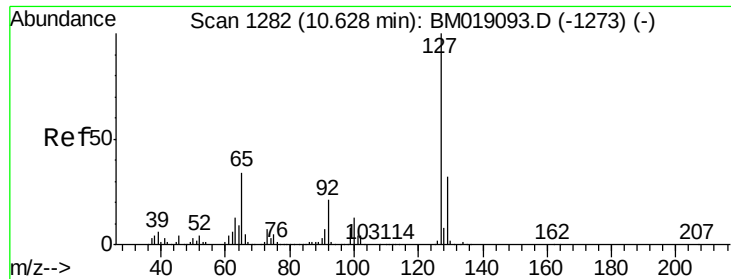
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#32
Benzoic acid
Concen: 17.705 ng m
RT: 9.77 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.0	113.0	153.0
77	114.9	90.1	130.1





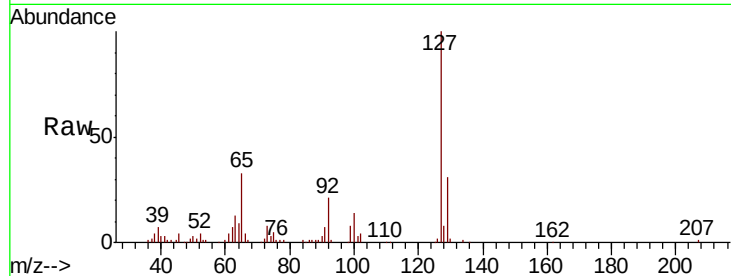
#33
4-Chloroaniline
Concen: 10.126 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	25.3	37.9
65	33.3	27.4	41.2
92	20.6	16.8	25.2

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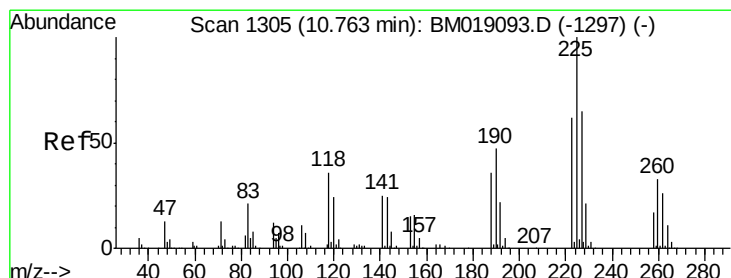
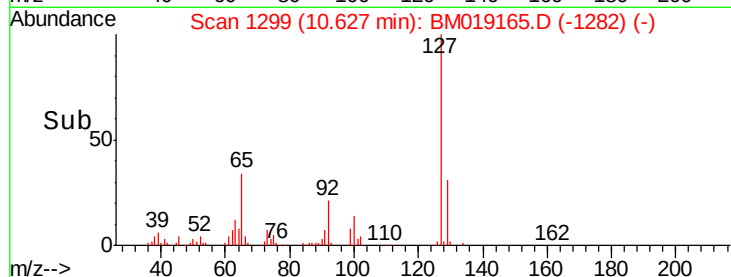
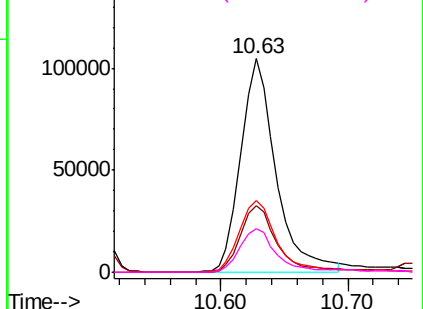
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

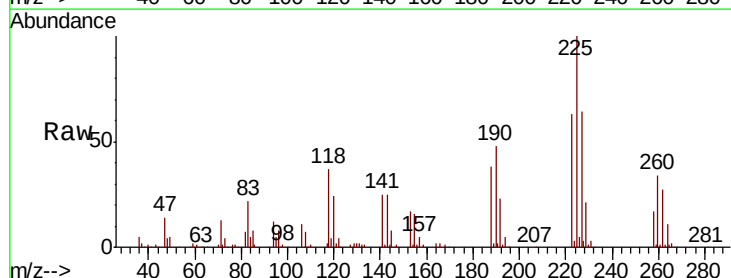
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.208 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	49.4	74.0
227	64.1	51.6	77.4

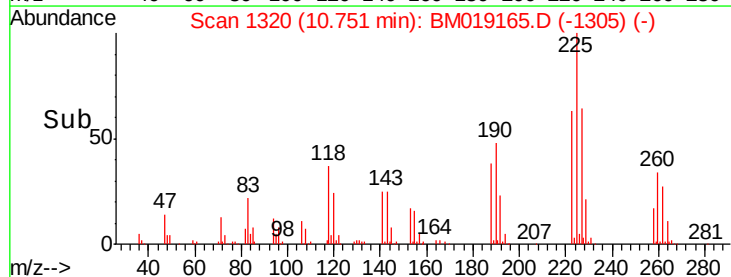
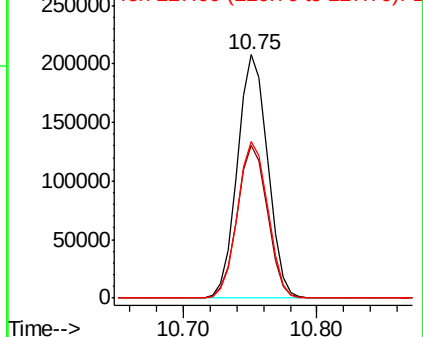


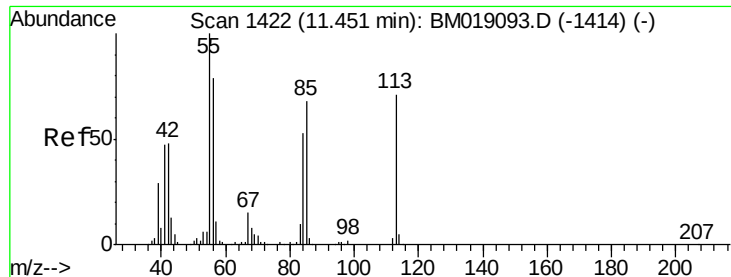
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.647 ng/mL

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

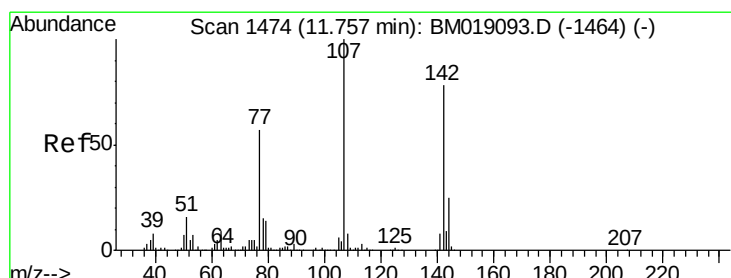
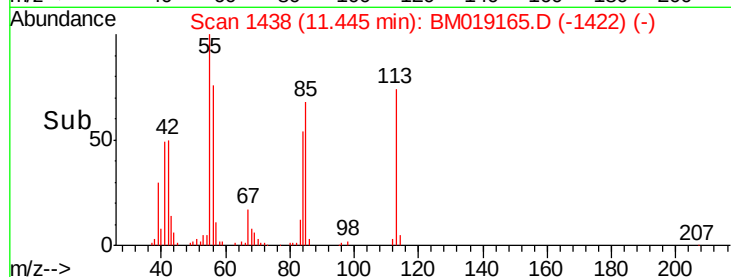
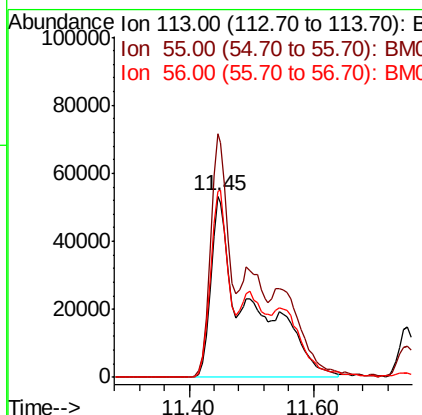
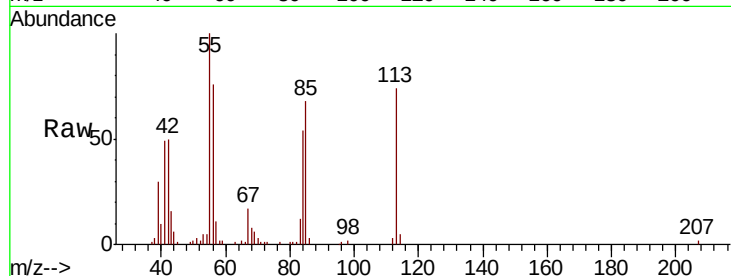
ClientSampleId :

TP-24MSD

Tot Ion:	113	Resp:	231289
Ion Ratio	Lower	Upper	
113	100		
55	134.4	120.1	160.1
56	102.7	90.1	130.1

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#36

4-Chloro-3-methylphenol

Concen: 47.529 ng/mL

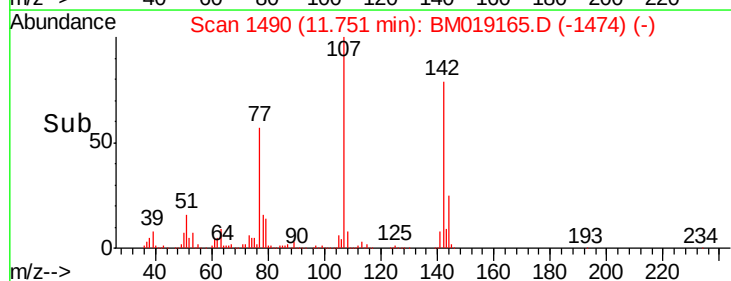
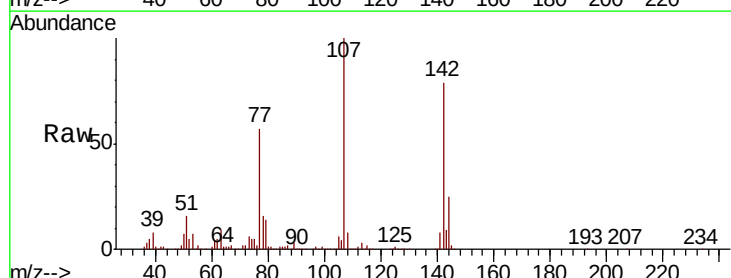
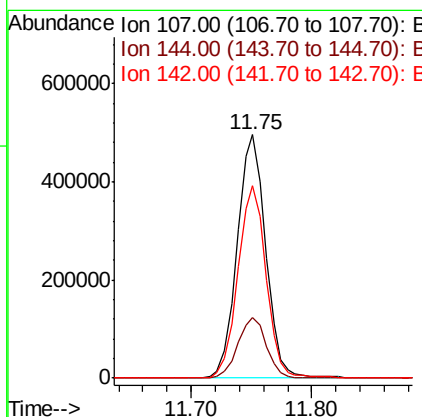
RT: 11.75 min Scan# 1490

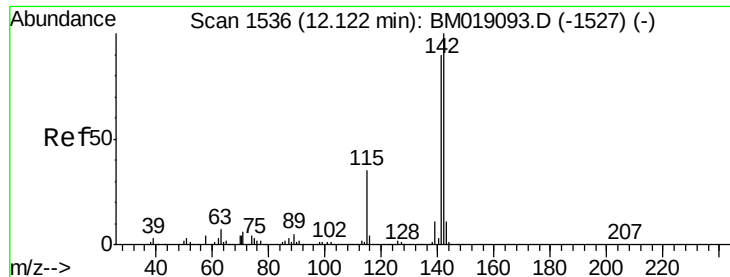
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	107	Resp:	816296
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.2	30.4
142	78.8	62.4	93.6





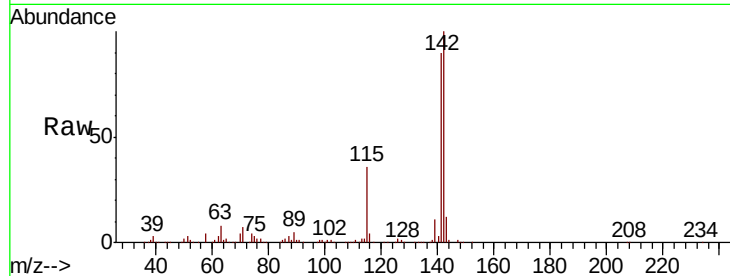
#37
2-Methylnaphthalene
Concen: 42.613 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	35.7	27.8	41.8

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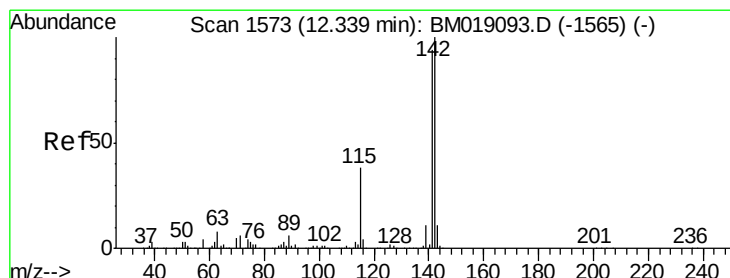
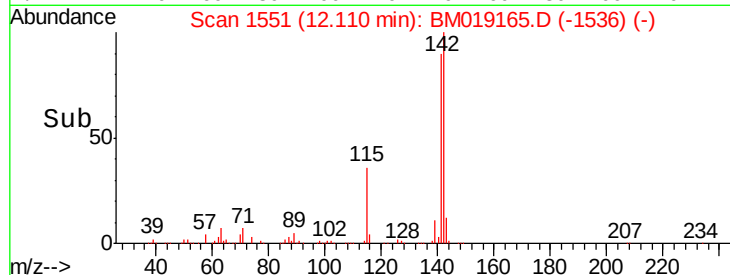
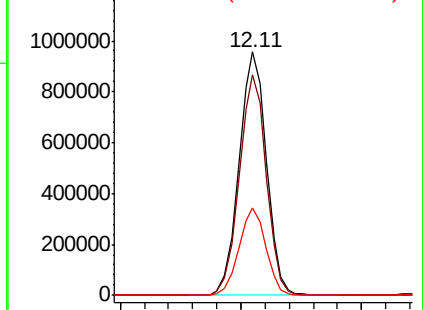


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.316 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

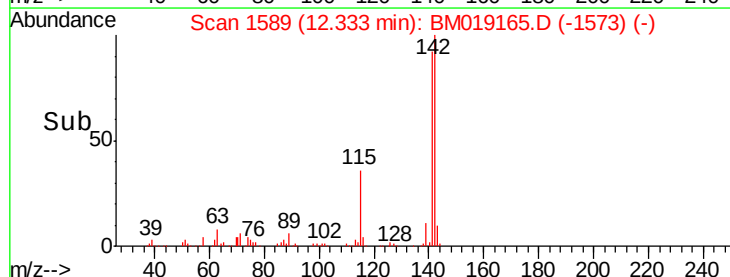
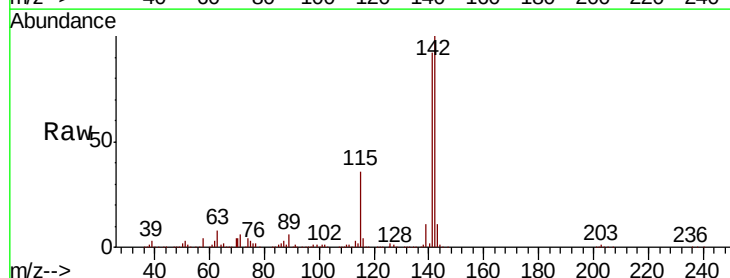
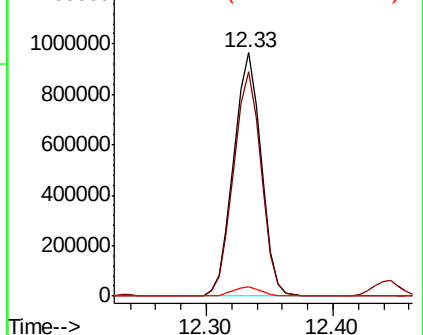
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.9	112.3
116	3.8	3.2	4.8

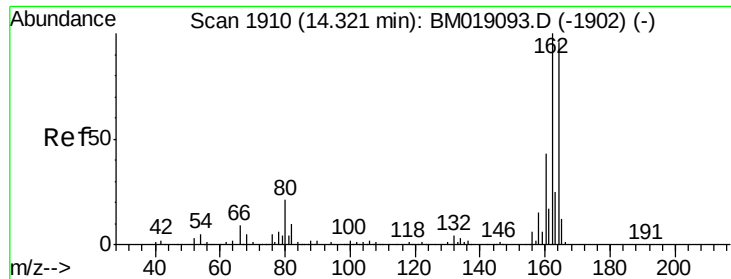
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





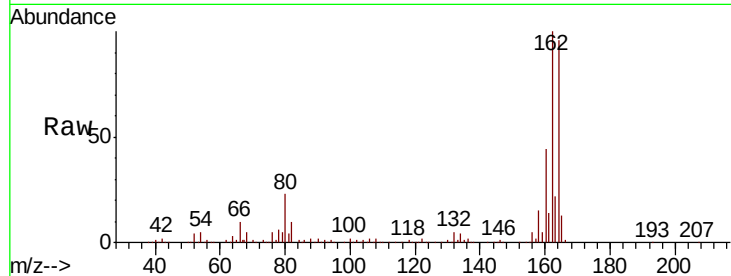
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	45.4	36.3	54.5

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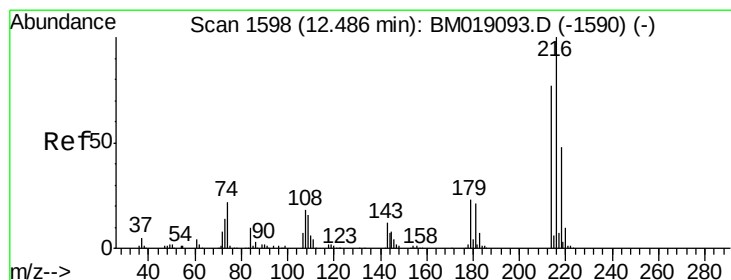
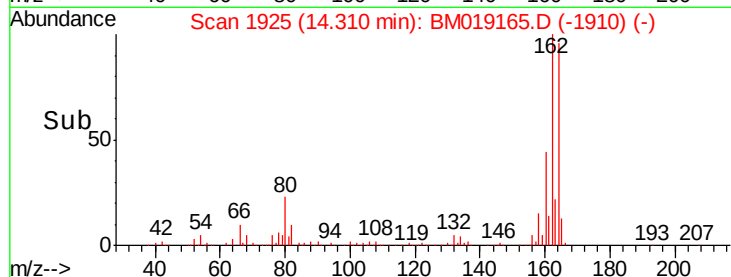
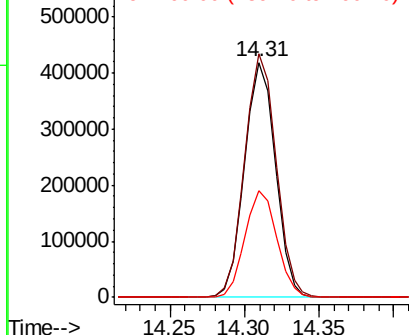


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.819 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.7	18.0	27.0
108	18.9	16.2	24.4

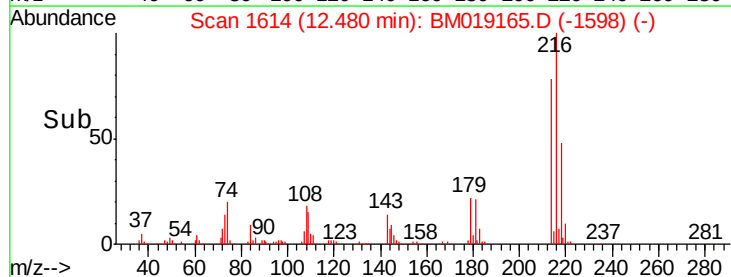
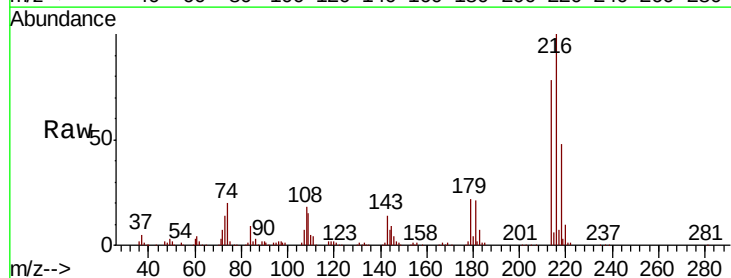
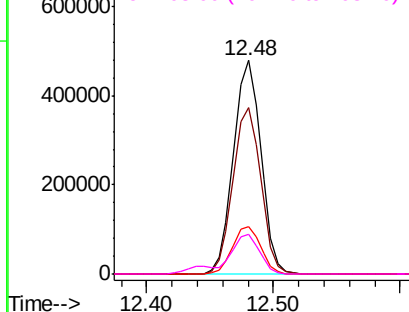
Abundance

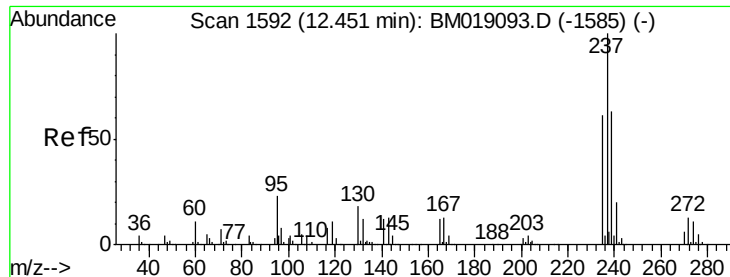
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





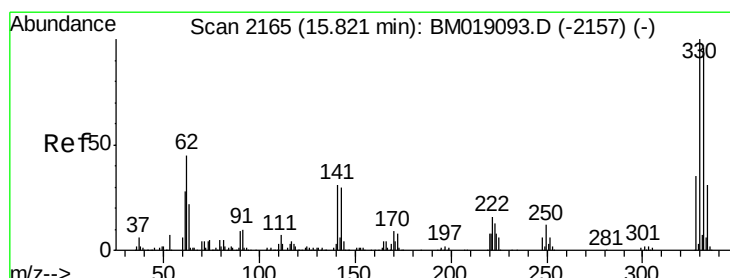
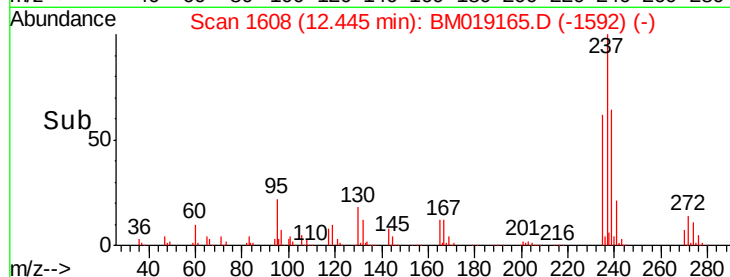
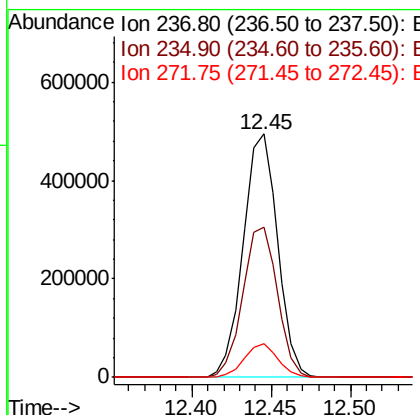
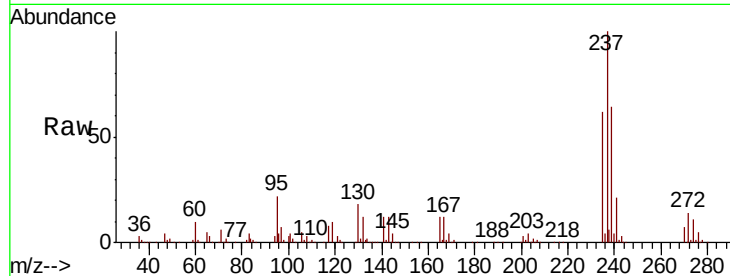
#41
Hexachlorocyclopentadiene
Concen: 86.455 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	41.3	81.3
272	14.0	0.0	33.1

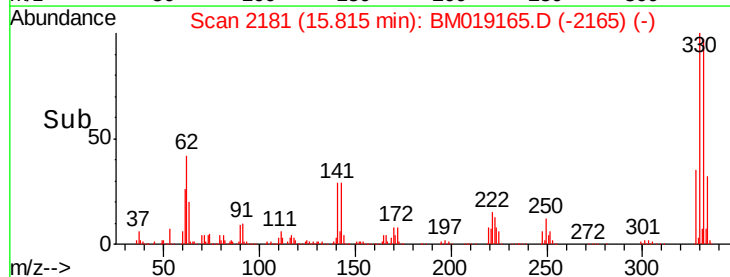
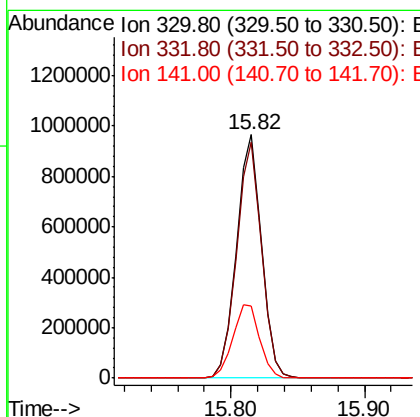
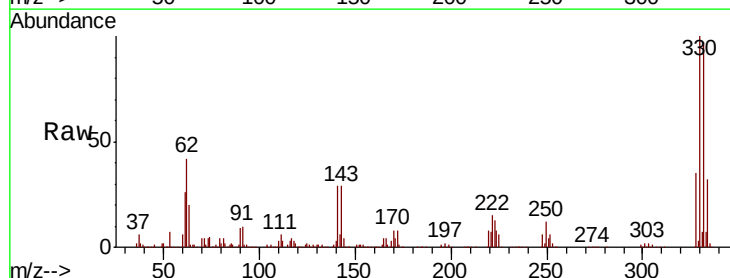
Manual Integrations
APPROVED

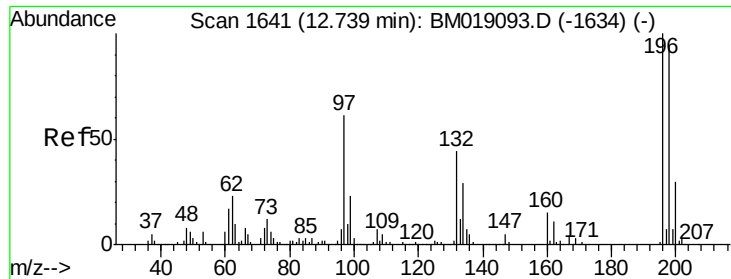
Sohil
3/15/2019 5:51:07 PM



#42
2,4,6-Tribromophenol
Concen: 141.387 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	76.8	115.2
141	32.3	27.0	40.4





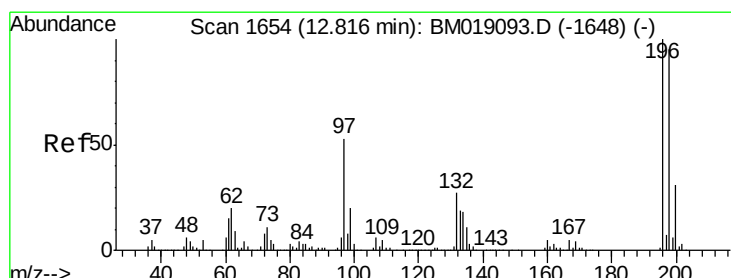
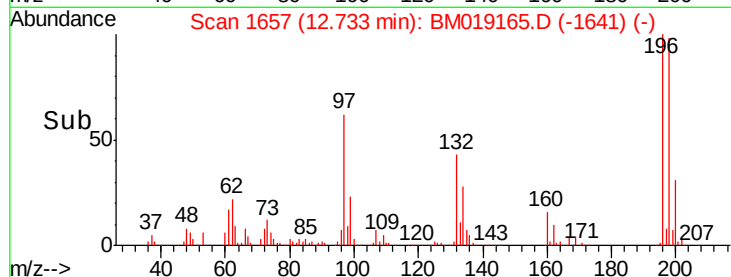
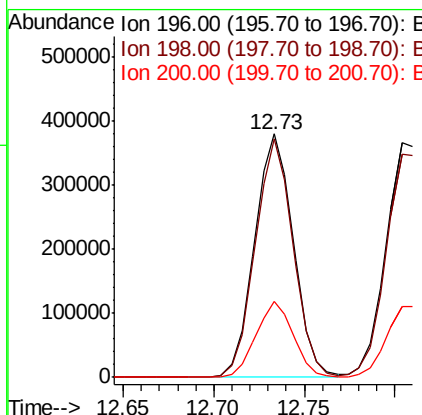
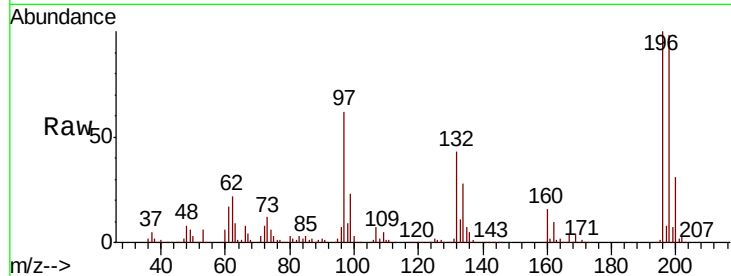
#43
 2,4,6-Trichlorophenol
 Concen: 45.620 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	561048		
198	98.1	75.4	113.0	
200	31.1	24.2	36.2	

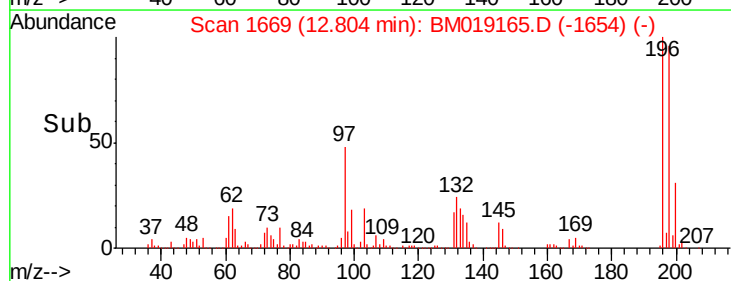
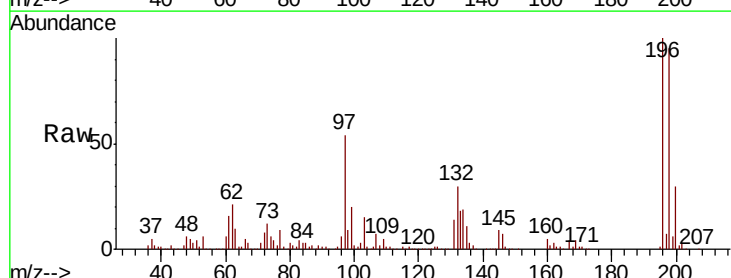
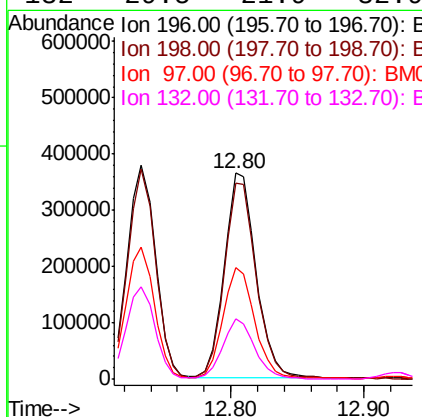
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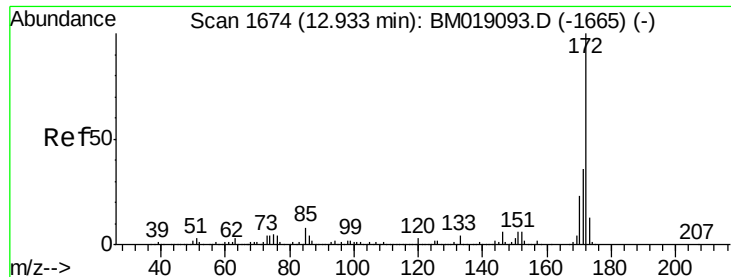
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.002 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	604971		
198	95.0	75.9	113.9	
97	54.2	42.5	63.7	
132	29.5	21.9	32.9	





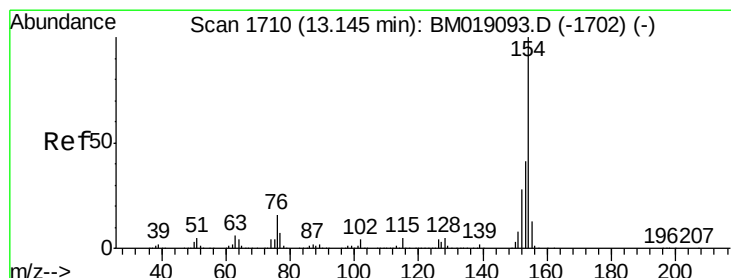
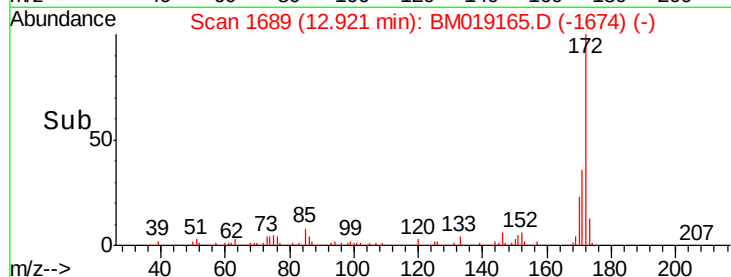
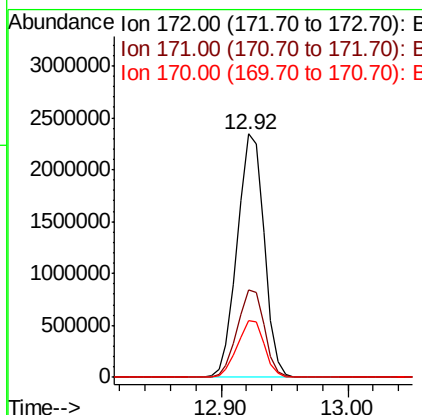
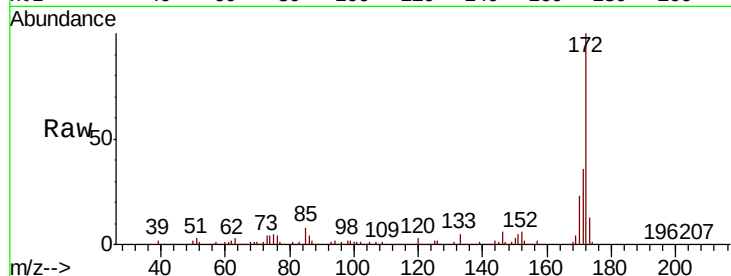
#45
2-Fluorobiphenyl
Concen: 74.359 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.3	18.6	28.0

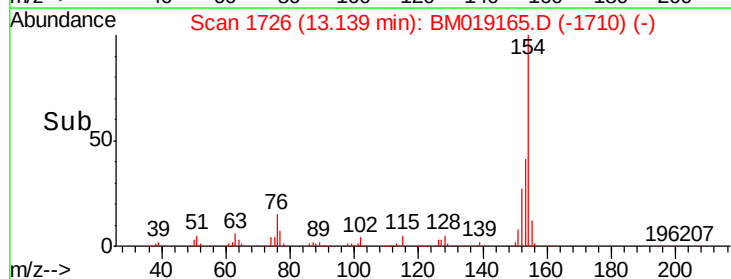
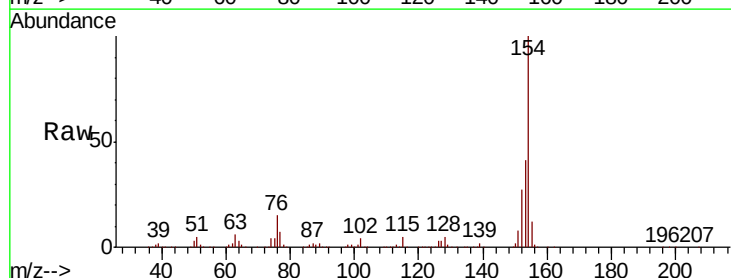
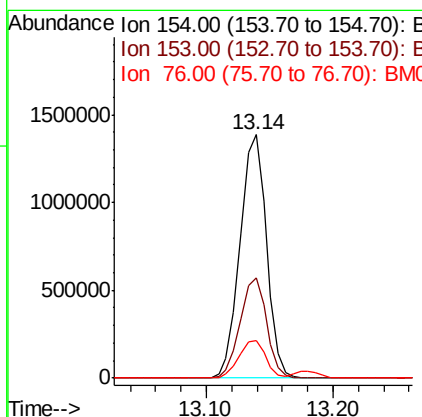
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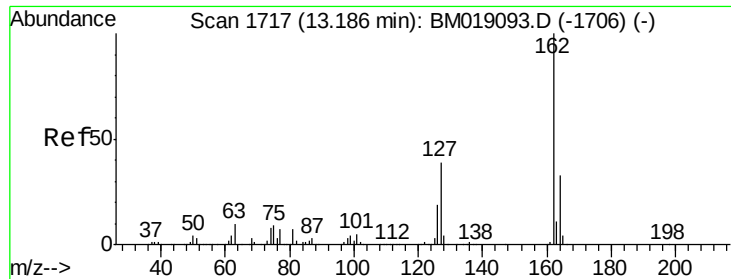
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#46
1,1'-Biphenyl
Concen: 38.096 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	15.4	0.0	35.8





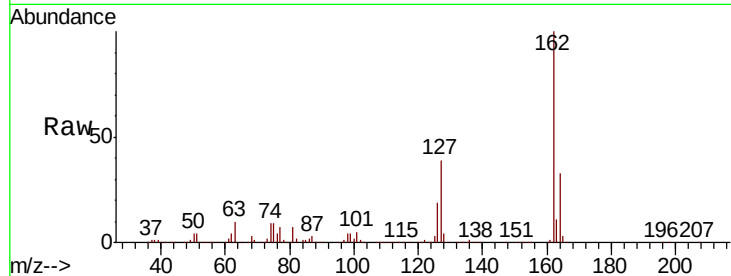
#47
2-Chloronaphthalene
Concen: 39.800 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.2	46.8
164	32.6	26.3	39.5

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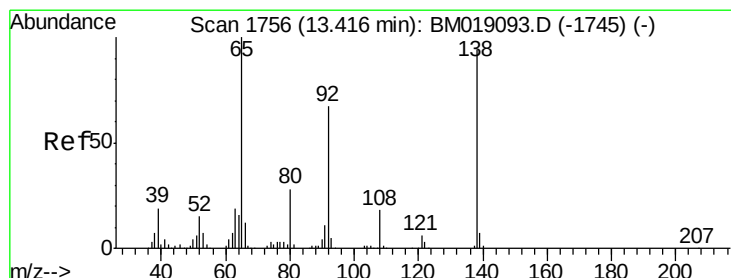
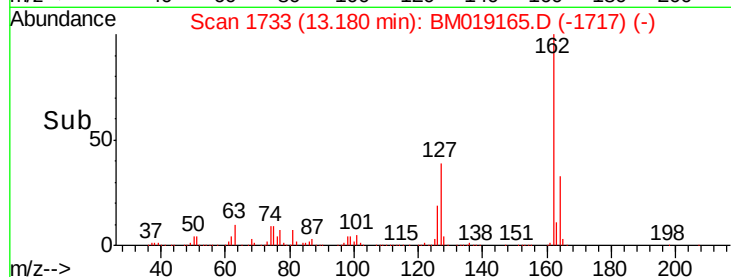
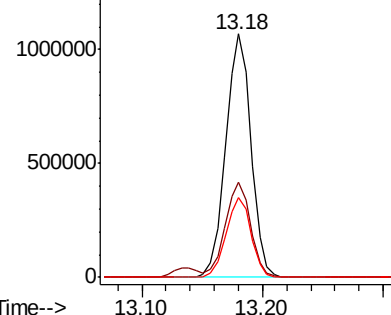


Abundance

Ion 162.00 (161.70 to 162.70): E

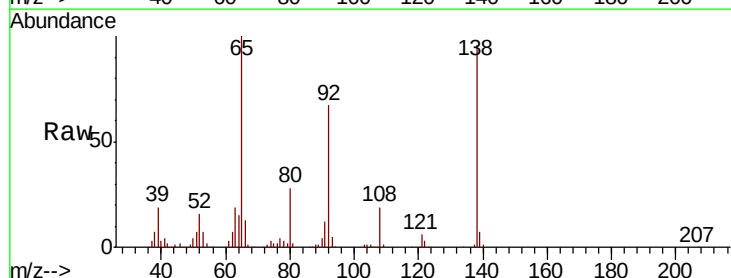
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.544 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.4	80.2
138	96.4	74.9	112.3

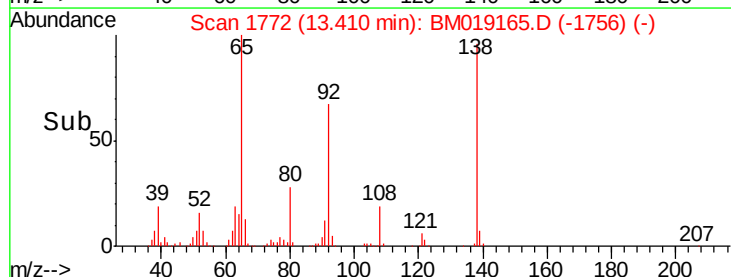
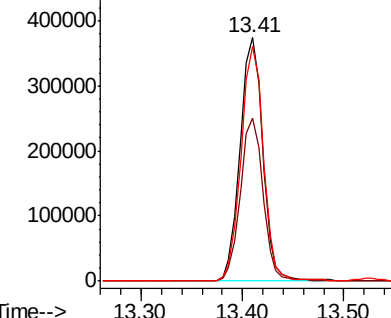


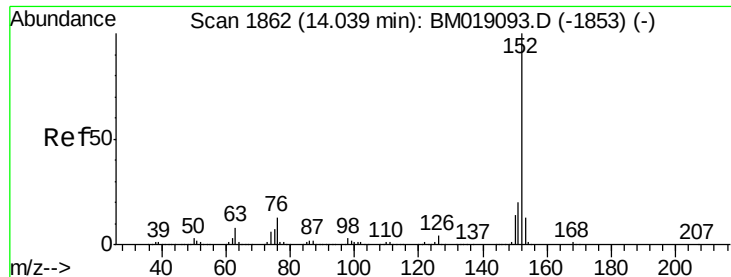
Abundance

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: 39.332 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

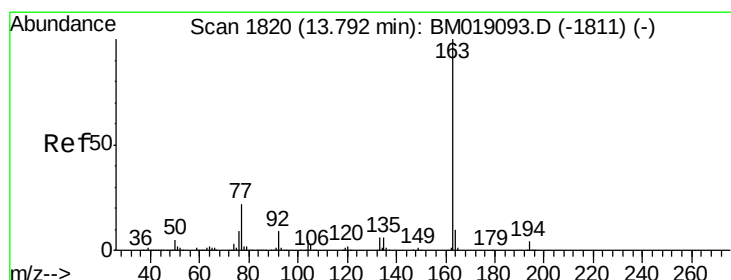
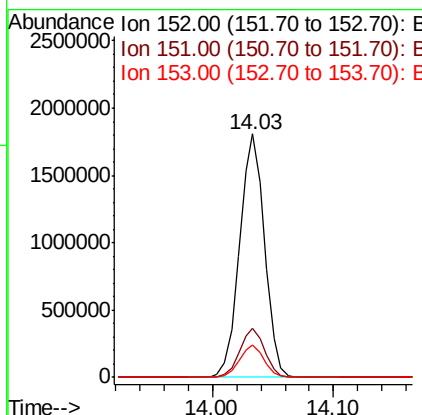
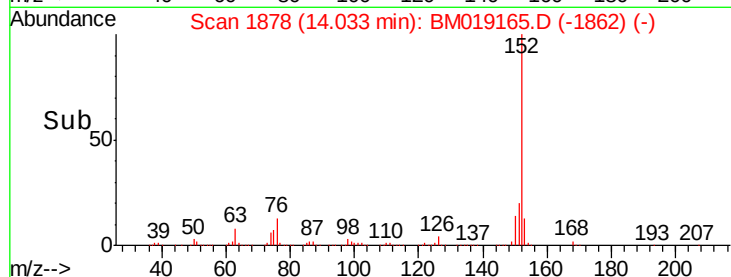
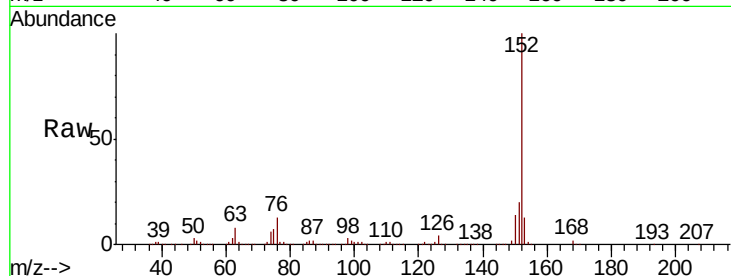
ClientSampleId :

TP-24MSD

Tot Ion:	152	Resp:	2608112
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.503 ng

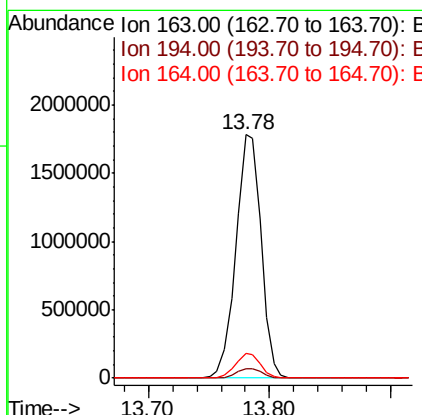
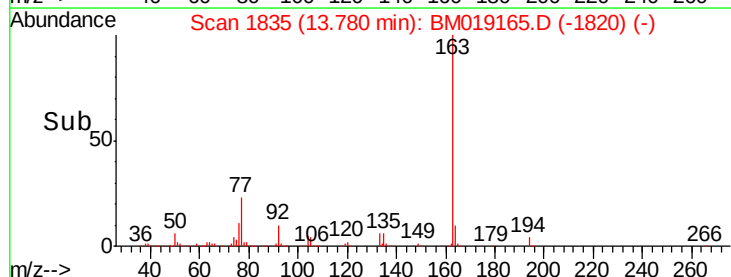
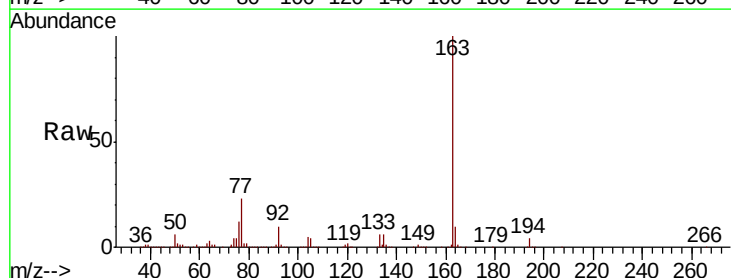
RT: 13.78 min Scan# 1835

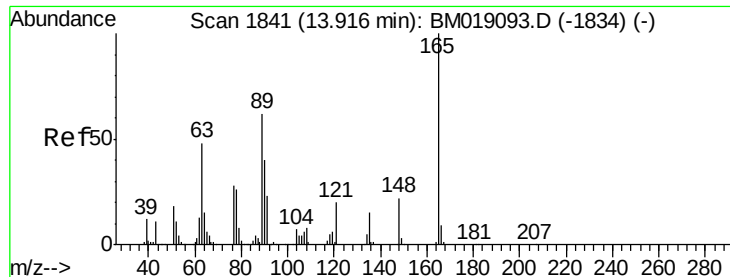
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion:	163	Resp:	2599107
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	7.7	11.5





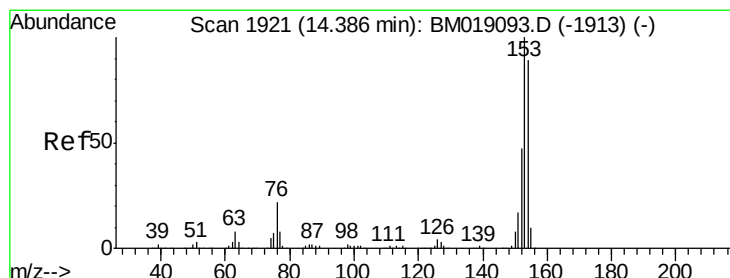
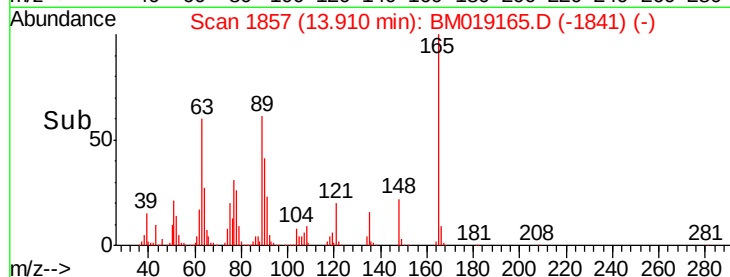
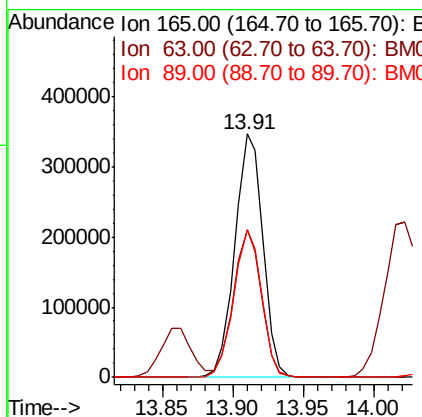
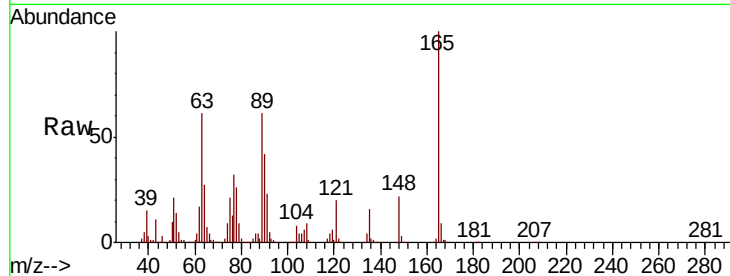
#51
2,6-Dinitrotoluene
Concen: 43.139 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	479933		
63	60.5	48.2	72.4	
89	60.7	49.3	73.9	

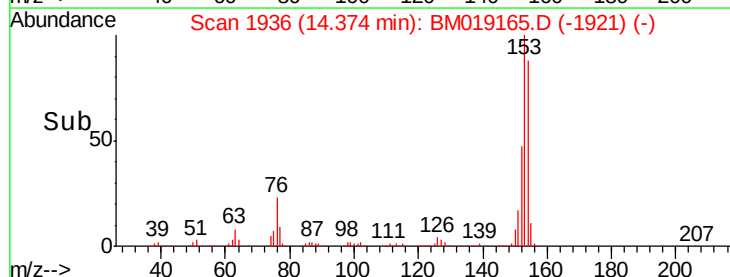
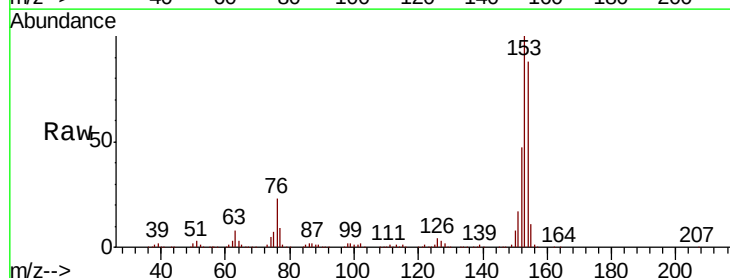
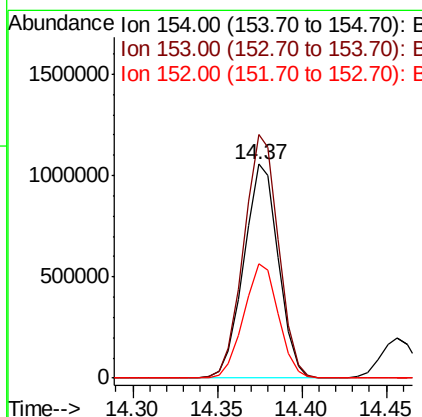
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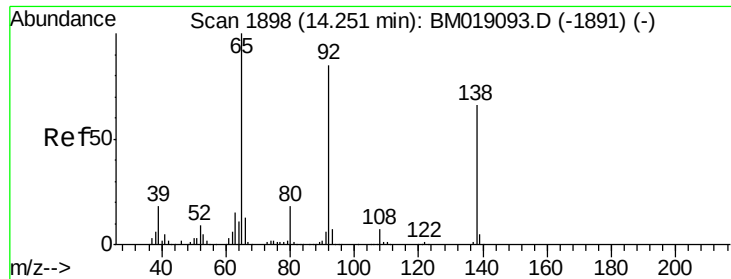
Sohil
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#52
Acenaphthene
Concen: 39.562 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1507391		
153	114.0	90.1	135.1	
152	53.4	42.5	63.7	





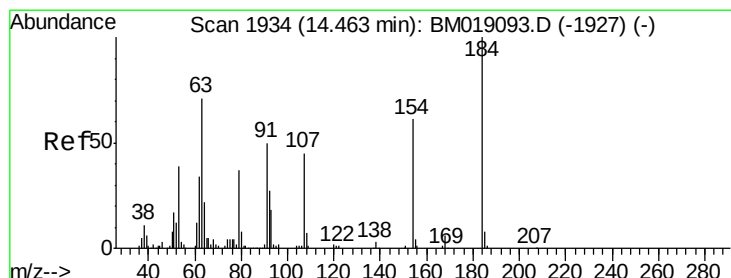
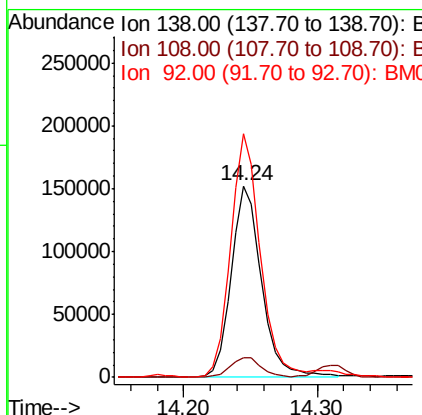
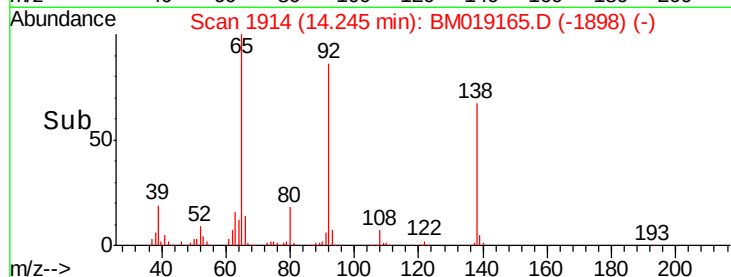
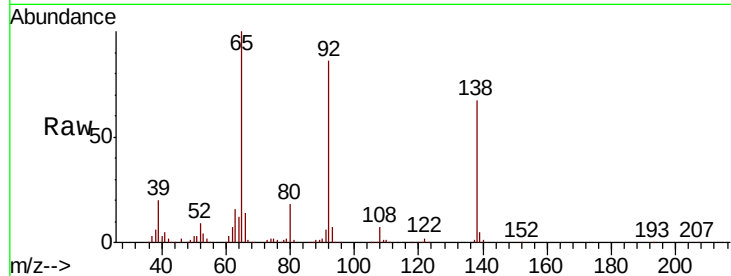
#53
3-Nitroaniline
Concen: 20.418 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	127.3	102.6	153.8

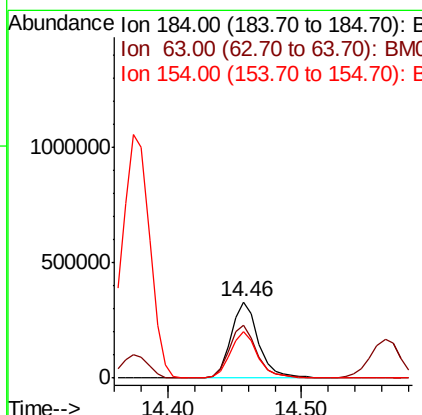
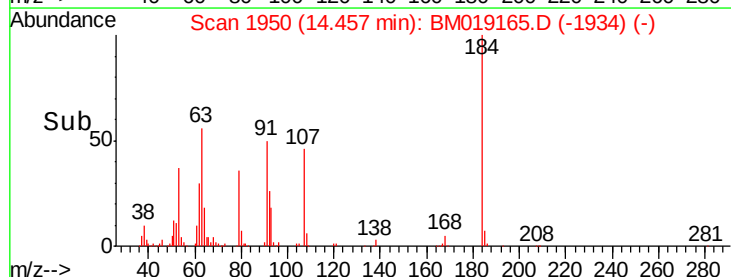
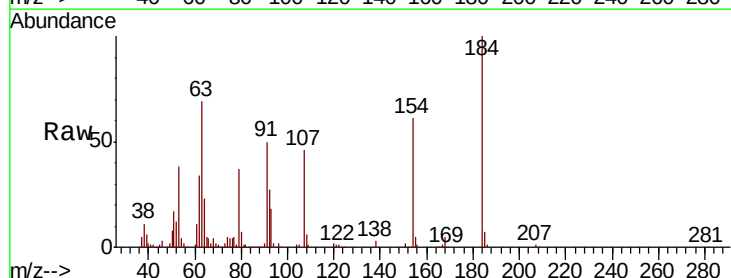
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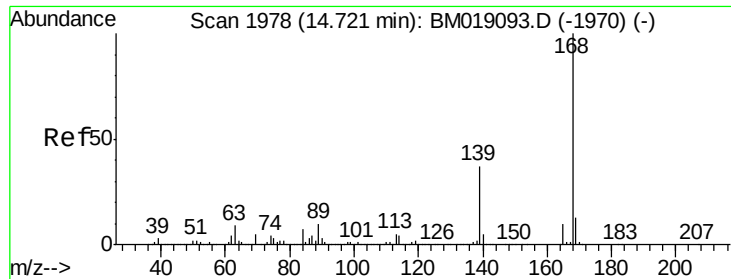
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#54
2,4-Dinitrophenol
Concen: 73.982 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.2	56.7	85.1
154	60.8	49.3	73.9





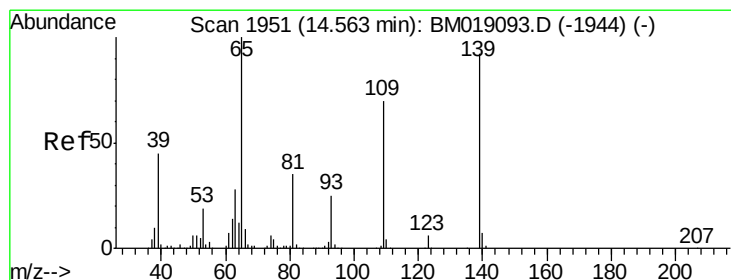
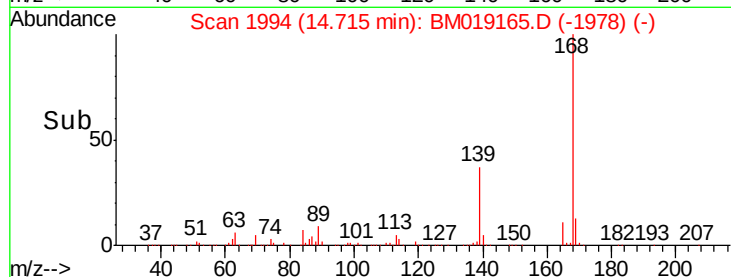
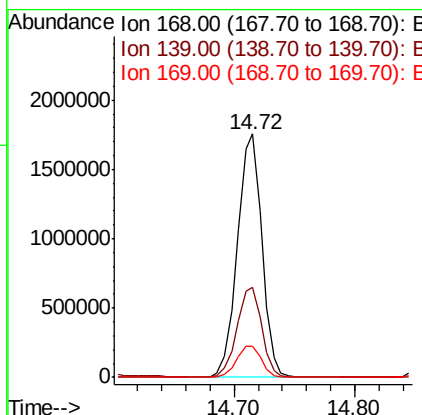
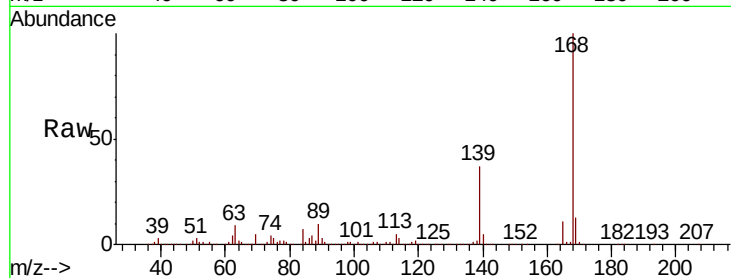
#55
Dibenzenofuran
Concen: 40.465 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	12.8	10.6	16.0

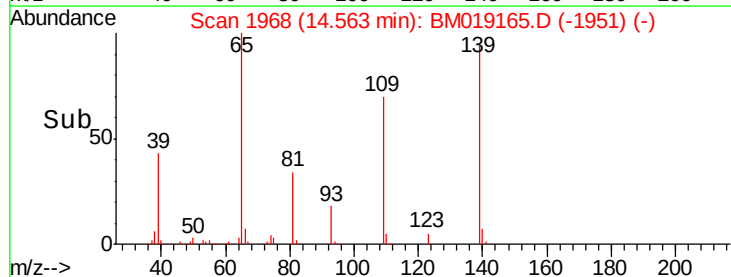
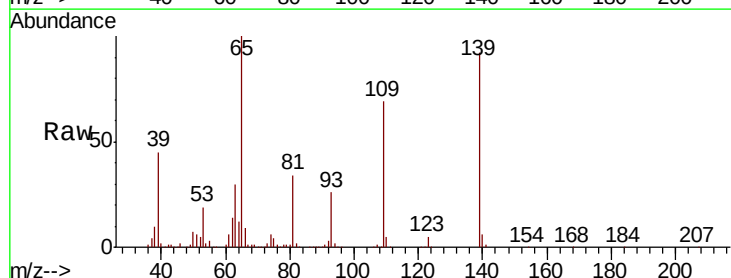
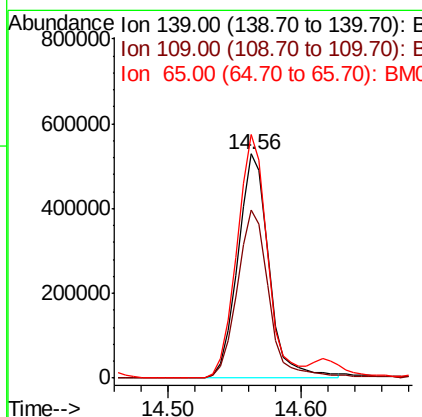
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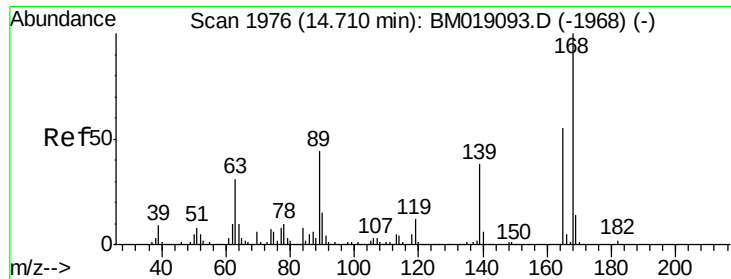
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#56
4-Nitrophenol
Concen: 88.511 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.0	56.3	96.3
65	108.7	89.2	129.2





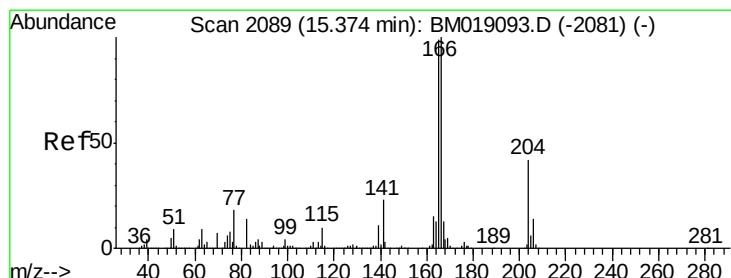
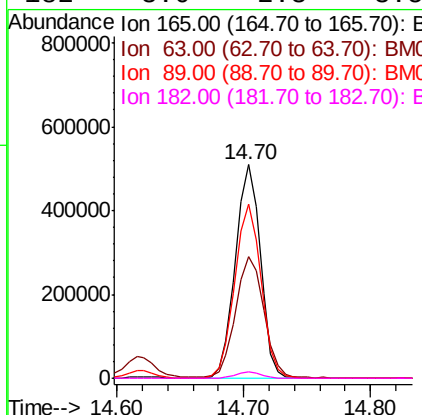
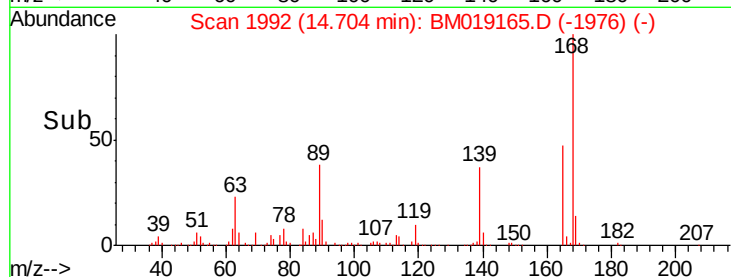
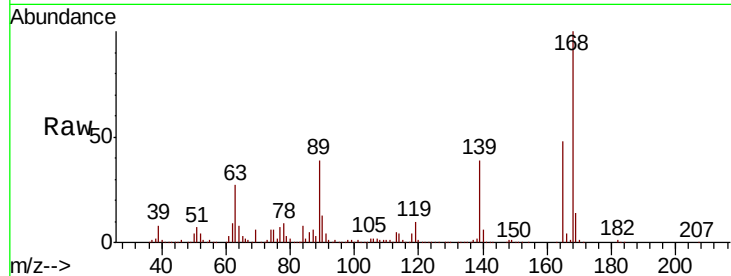
#57
 2,4-Dinitrotoluene
 Concen: 43.141 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	696682		
63	56.7	44.7	67.1	
89	81.2	63.4	95.2	
182	3.0	2.3	3.5	

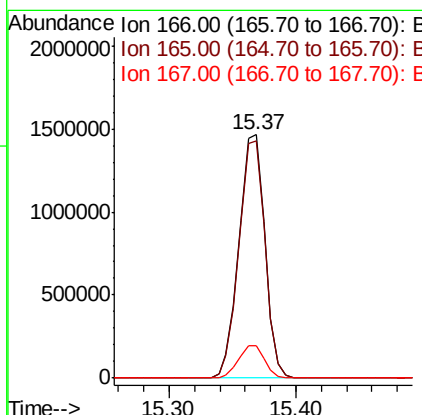
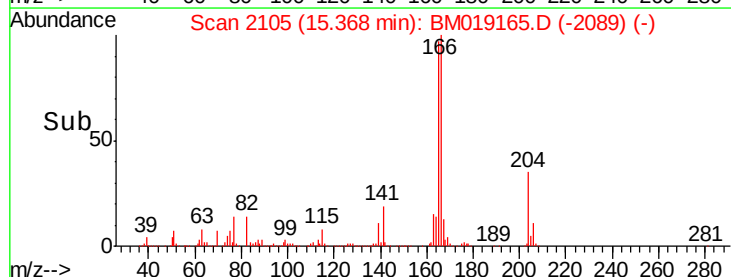
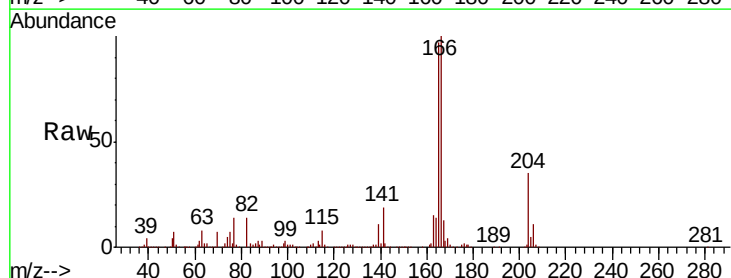
Manual Integrations
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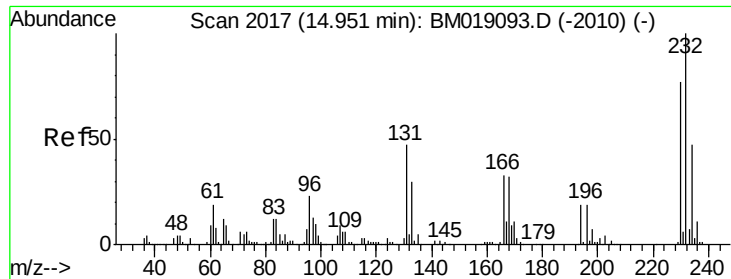
Sohil
 3/15/2019 5:51:07 PM



#58
 Fluorene
 Concen: 40.997 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2076481		
165	97.5	79.0	118.4	
167	13.2	10.8	16.2	





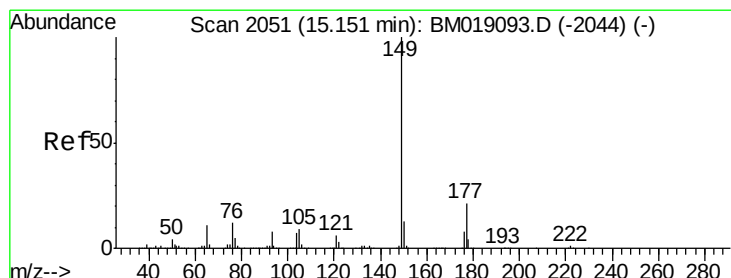
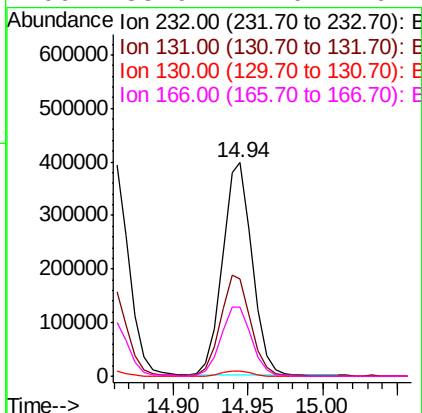
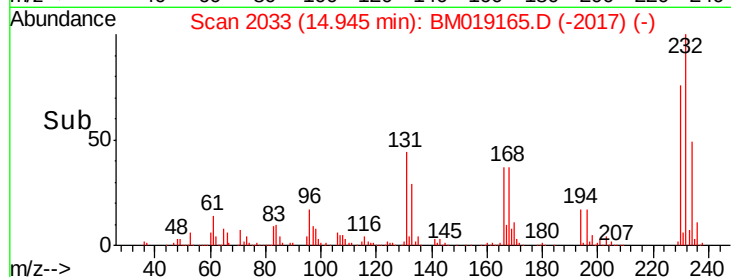
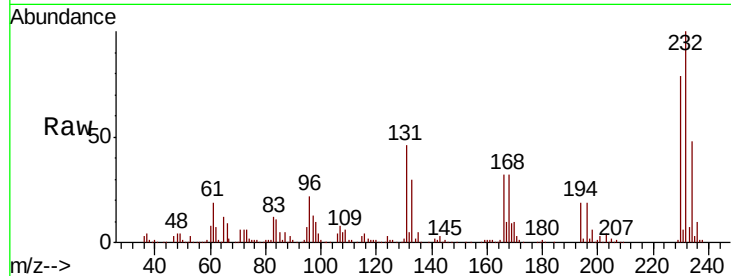
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.443 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	556356		
131	47.6		38.2	57.2
130	2.6		1.9	2.9
166	33.6		27.0	40.4

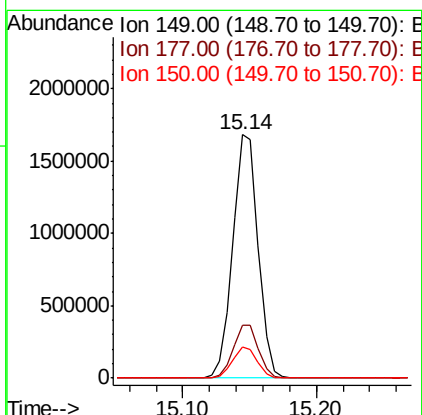
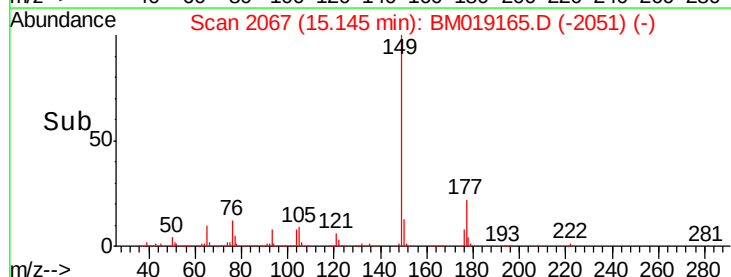
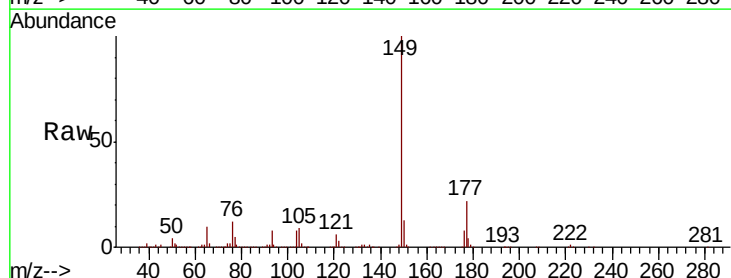
Manual Integrations
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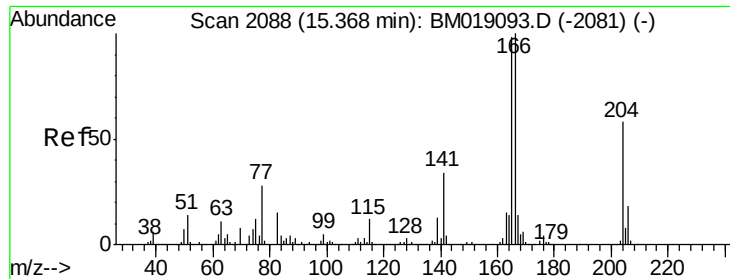
Sohil
 3/15/2019 5:51:07 PM



#60
 Diethylphthalate
 Concen: 42.683 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2224754		
177	21.9		17.0	25.6
150	12.8		10.2	15.4





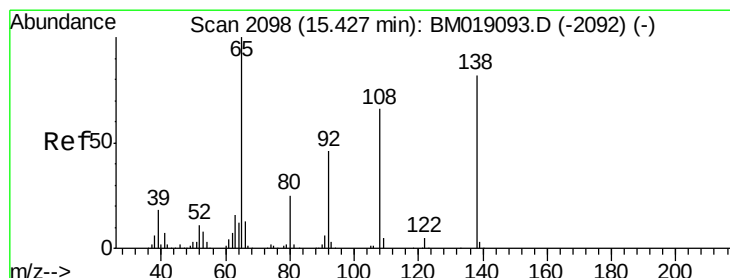
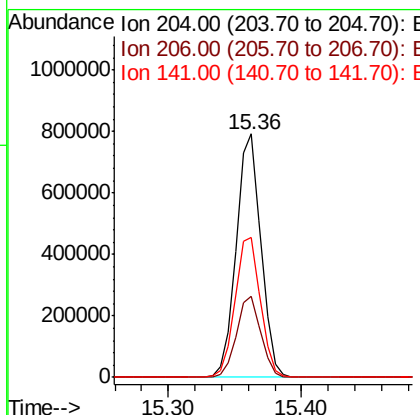
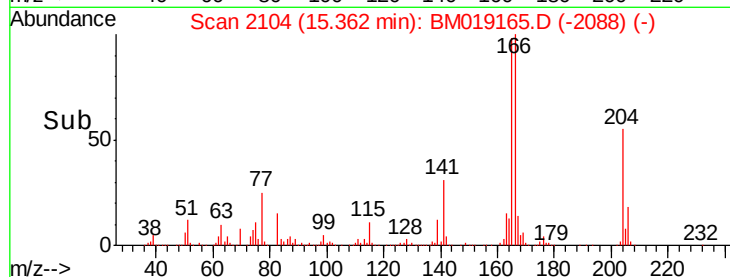
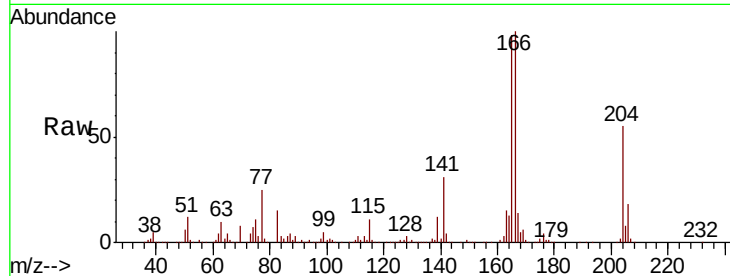
#61
4-Chlorophenyl-phenylether
Concen: 41.470 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:204 Resp: 1020144
Ion Ratio Lower Upper
204 100
206 33.2 25.5 38.3
141 57.4 47.8 71.8

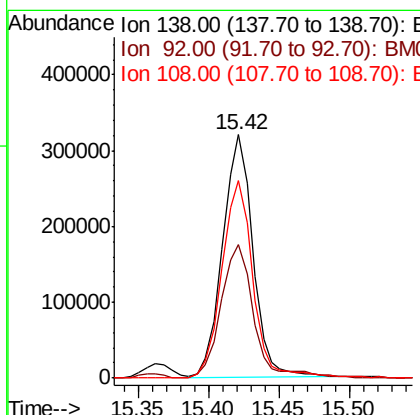
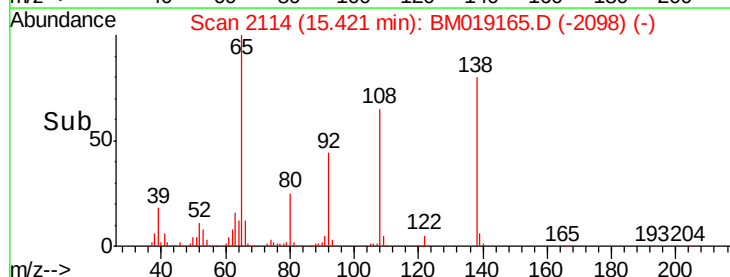
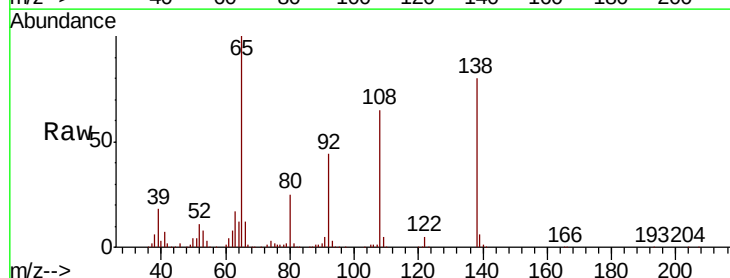
Manual Integrations
APPROVED

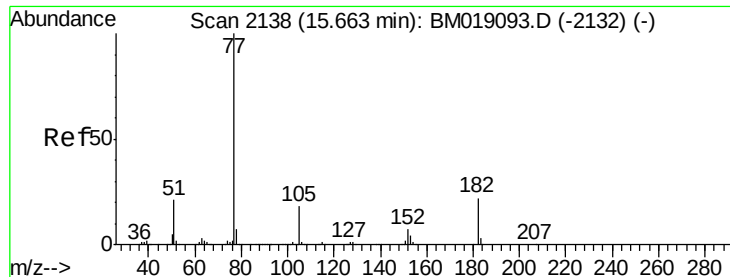
Sohil
3/15/2019 5:51:07 PM



#62
4-Nitroaniline
Concen: 40.231 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion:138 Resp: 477730
Ion Ratio Lower Upper
138 100
92 54.9 36.2 76.2
108 81.1 59.7 99.7





#63

Azobenzene

Concen: 41.775 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion: 77 Resp: 2291270

Ion Ratio Lower Upper

77 100

182 22.6 1.8 41.8

105 18.1 0.0 38.3

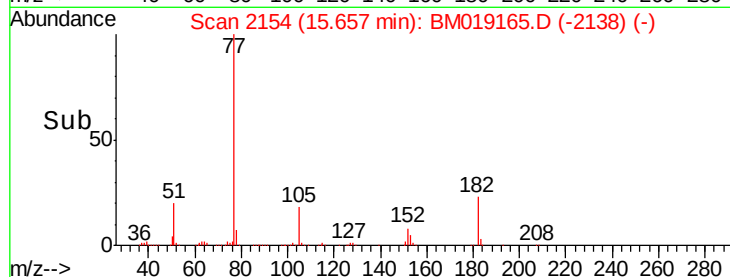
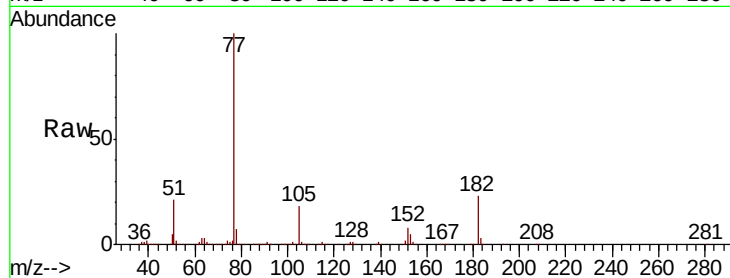
51 20.6 0.8 40.8

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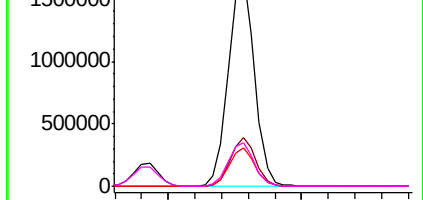


Abundance Ion 77.00 (76.70 to 77.70): BM019165.D (-2138) (-)

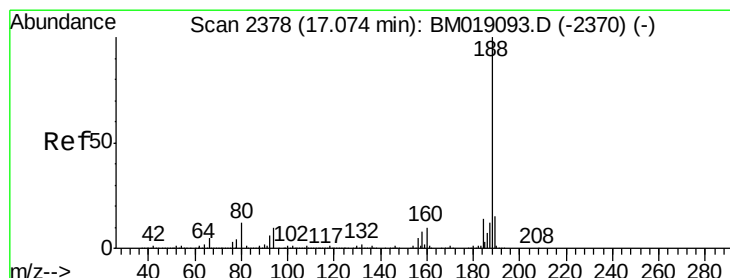
Ion 182.00 (181.70 to 182.70): BM019165.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019165.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM019165.D (-2138) (-)



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

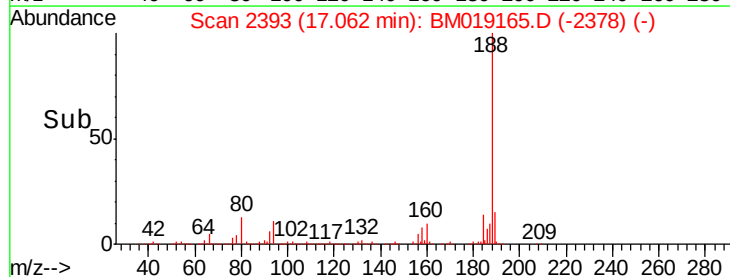
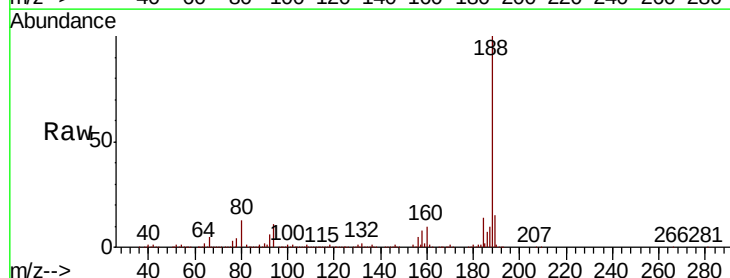
Tgt Ion: 188 Resp: 1415240

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

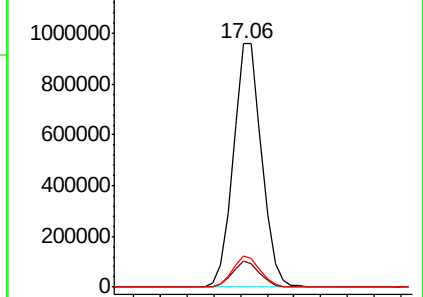
80 12.9 9.7 14.5



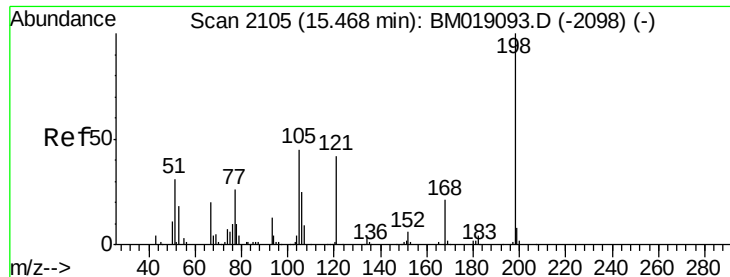
Abundance Ion 188.00 (187.70 to 188.70): BM019165.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019165.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019165.D (-2378) (-)



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 38.261 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:198 Resp: 354835

Ion Ratio Lower Upper

198 100

51 37.3 17.3 57.3

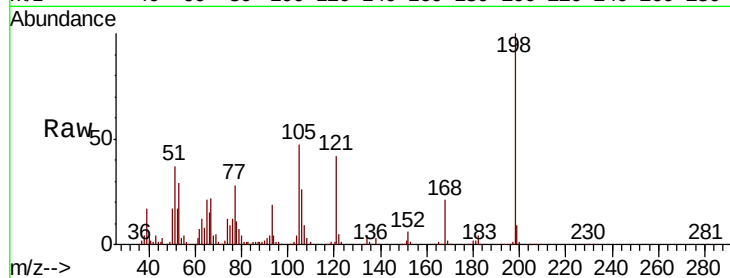
105 46.6 26.2 66.2

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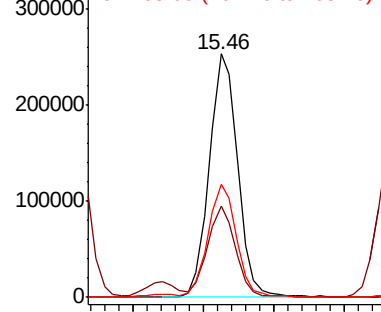
3/15/2019 5:51:07 PM



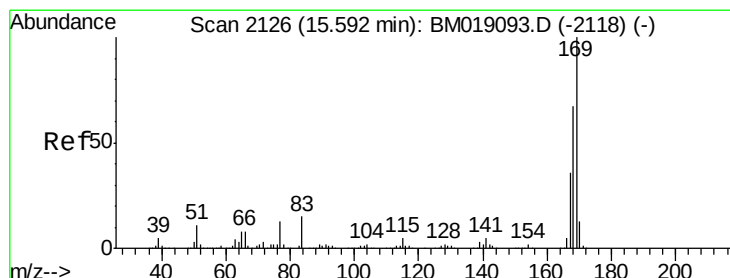
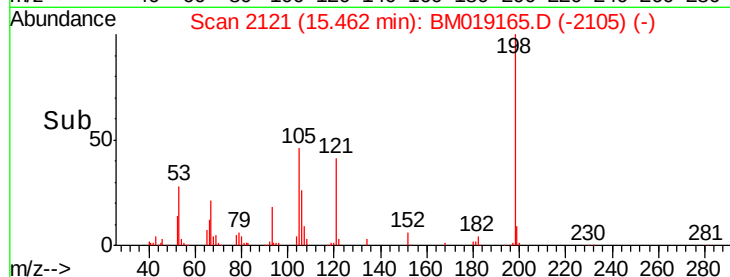
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.862 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

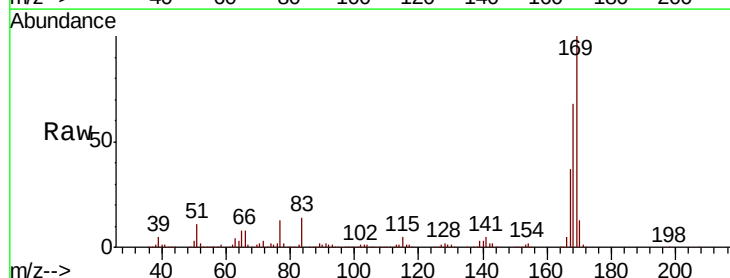
Tgt Ion:169 Resp: 1841102

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

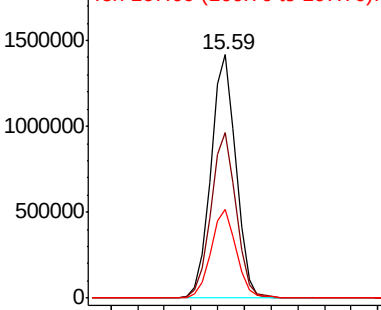
167 36.5 28.8 43.2



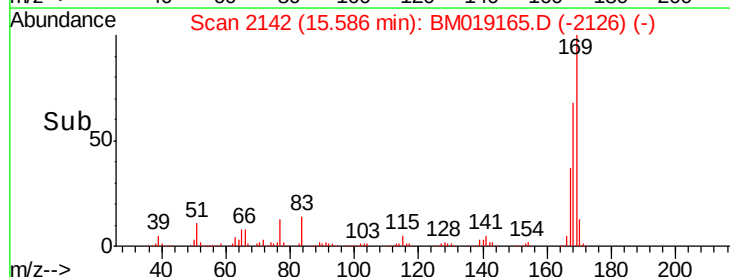
Abundance Ion 169.00 (168.70 to 169.70): E

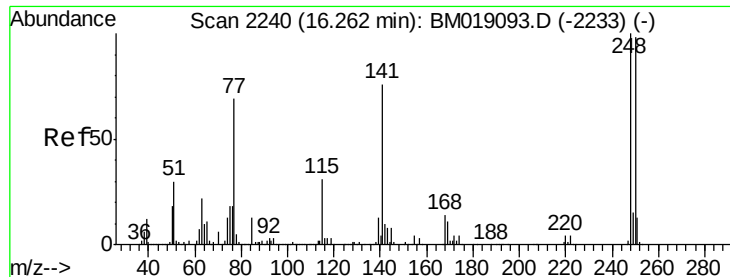
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





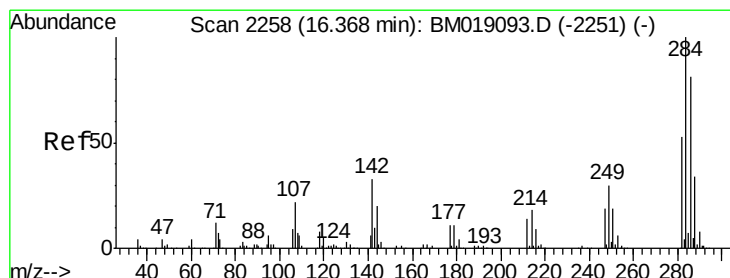
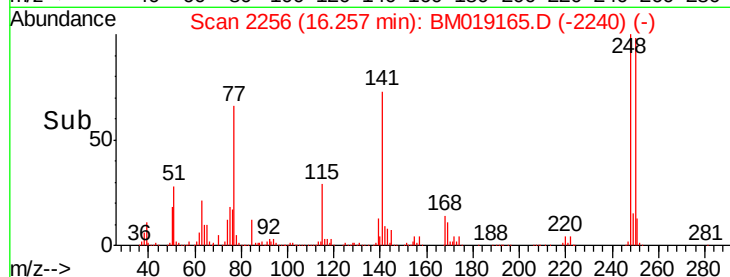
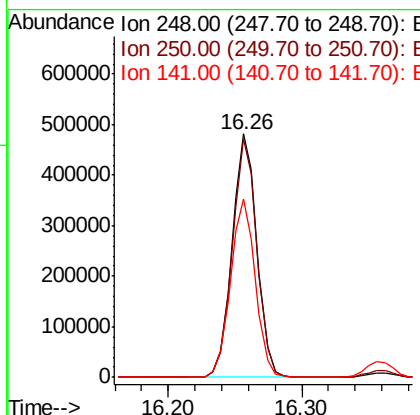
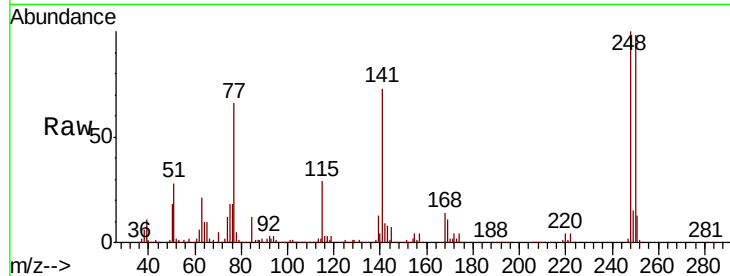
#67
4-Bromophenyl-phenylether
Concen: 39.907 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.0	117.0
141	73.4	61.0	91.4

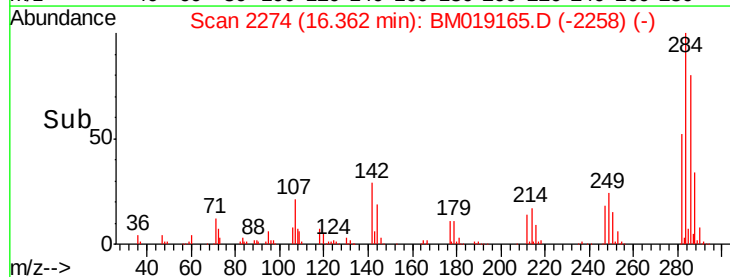
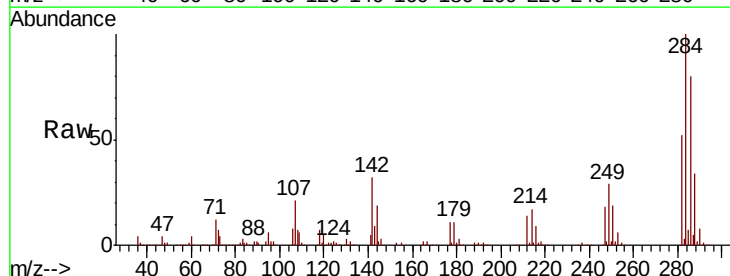
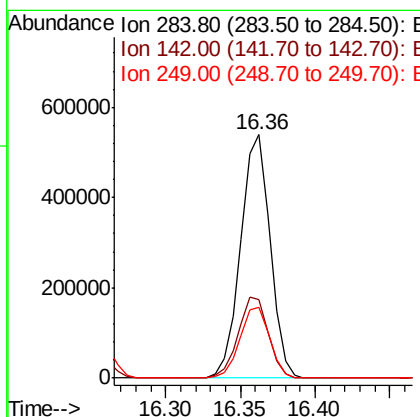
Manual Integrations
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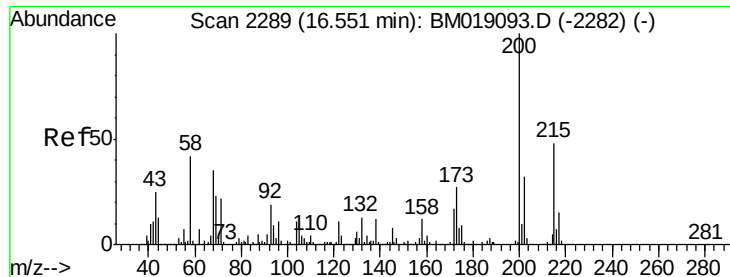
Sohil
3/15/2019 5:51:07 PM



#68
Hexachlorobenzene
Concen: 39.778 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.3	39.5
249	29.2	24.1	36.1





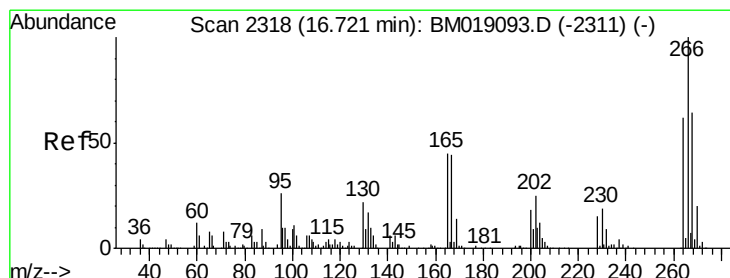
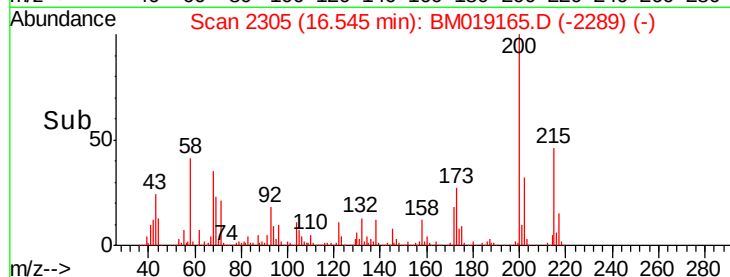
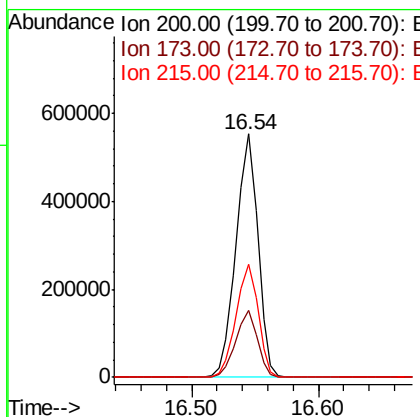
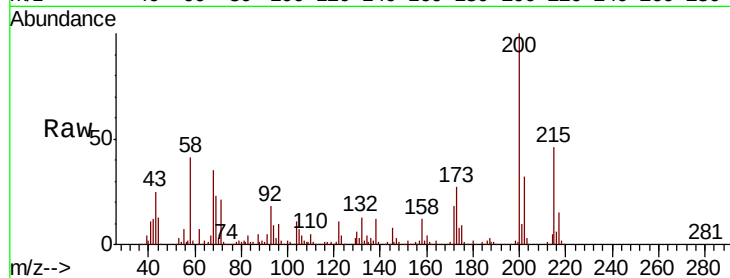
#69
 Atrazine
 Concen: 43.682 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	7.0	47.0
215	46.3	27.7	67.7

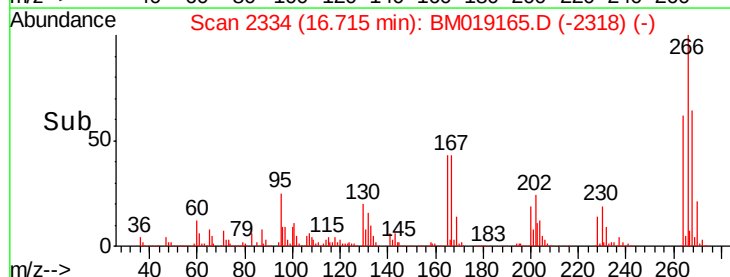
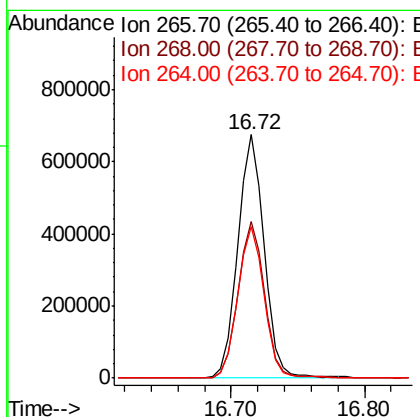
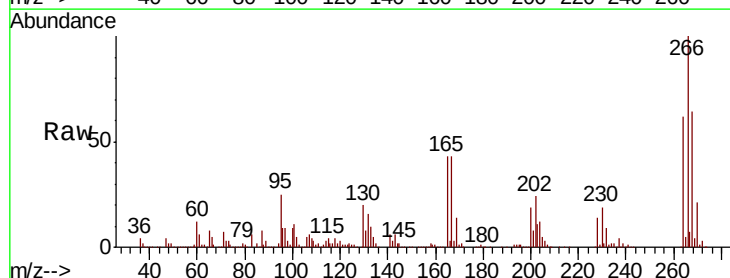
Manual Integrations
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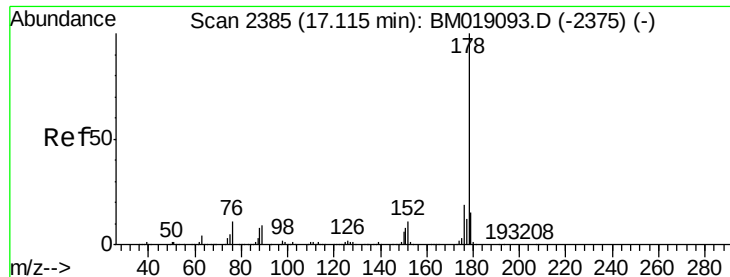
Sohil
 3/15/2019 5:51:07 PM



#70
 Pentachlorophenol
 Concen: 82.581 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	51.3	76.9
264	62.4	50.0	75.0





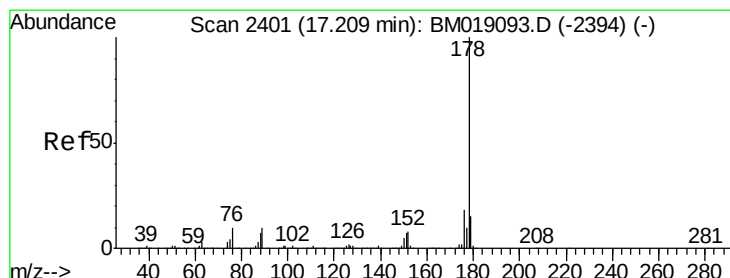
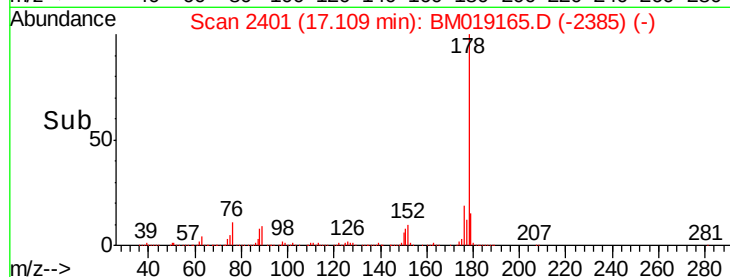
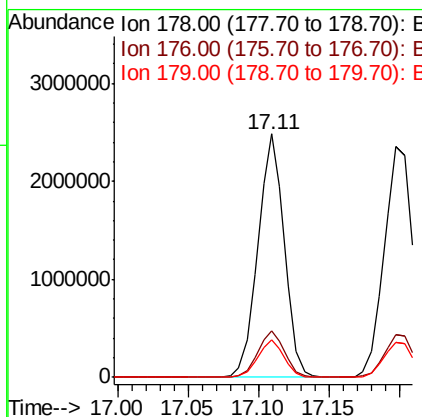
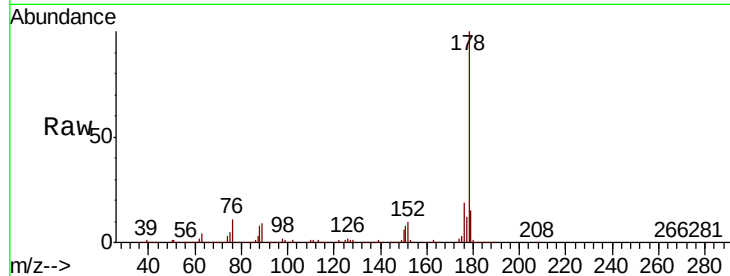
#71
Phenanthrene
Concen: 39.426 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:178 Resp: 3270450
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.2 18.2

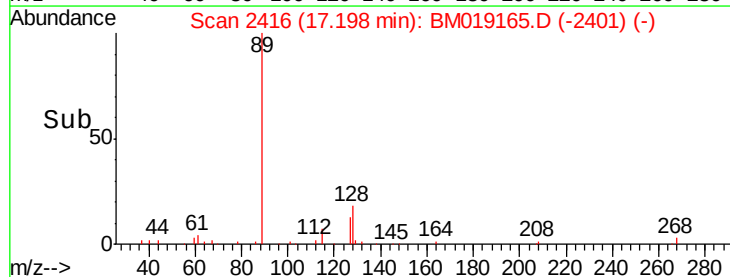
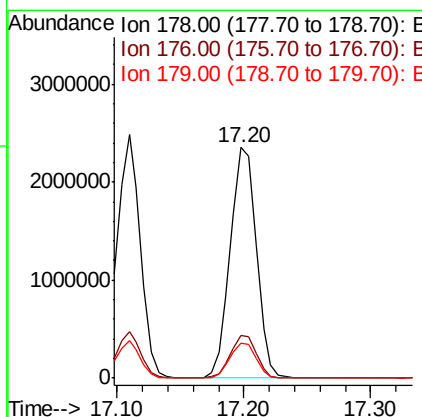
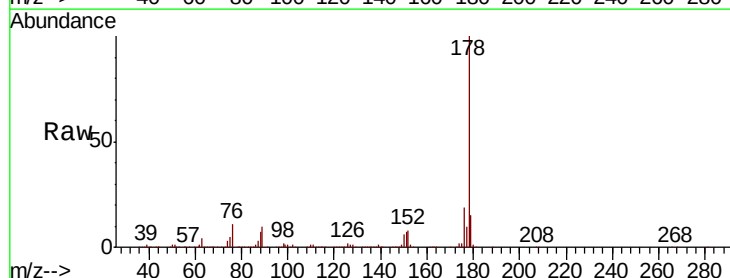
Manual Integrations
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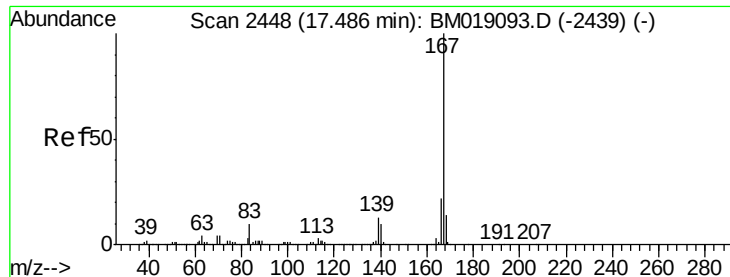
Sohil
3/15/2019 5:51:07 PM



#72
Anthracene
Concen: 41.091 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion:178 Resp: 3336860
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.4 11.9 17.9





#73

Carbazole

Concen: 41.028 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:167 Resp: 3144608

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

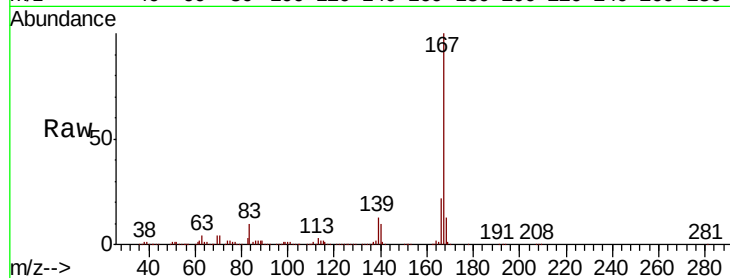
139 13.1 10.5 15.7

Manual Integrations

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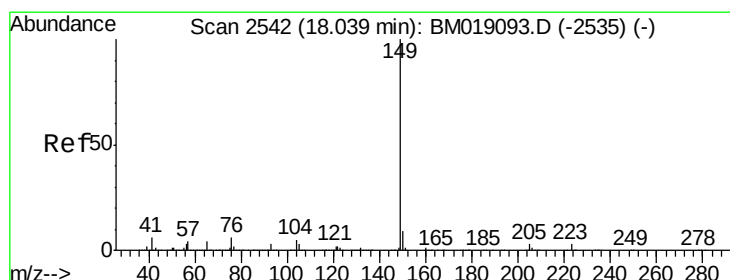
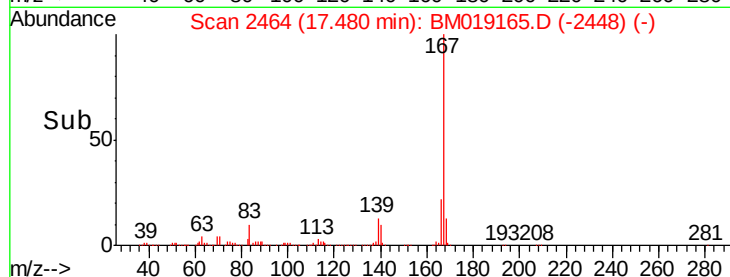
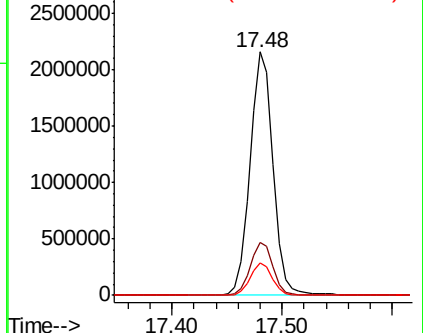
3/15/2019 5:51:07 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.136 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

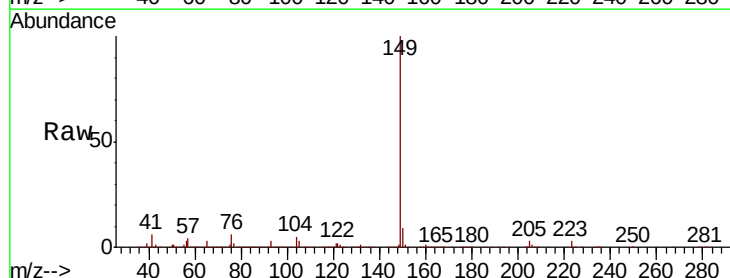
Tgt Ion:149 Resp: 3905304

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

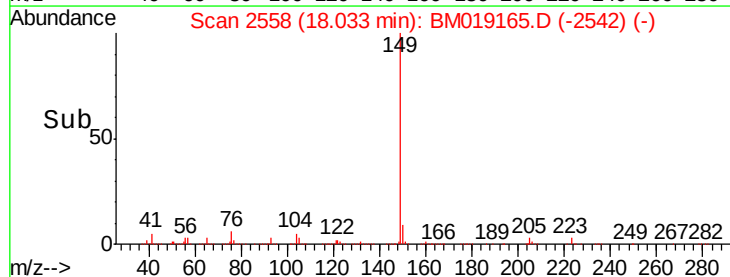
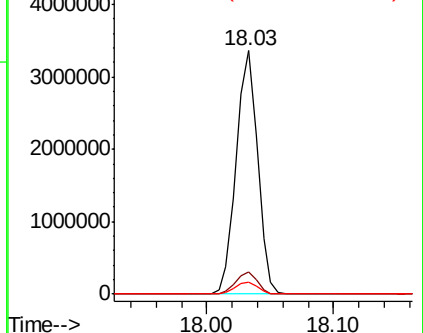
104 5.1 4.2 6.4

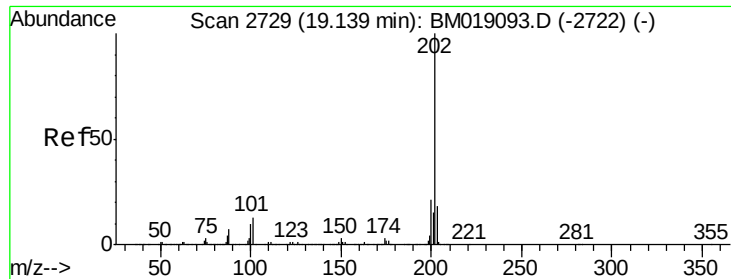


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





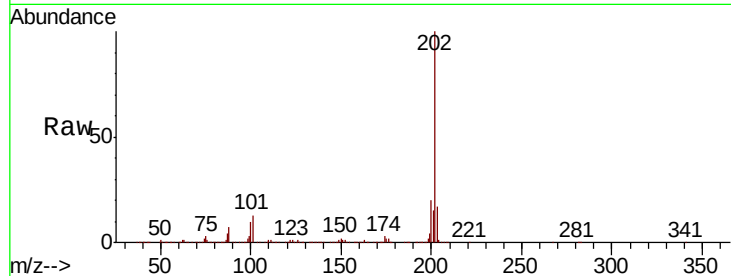
#75
Fluoranthene
Concen: 39.963 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	17.5	0.0	37.8

Manual Integrations
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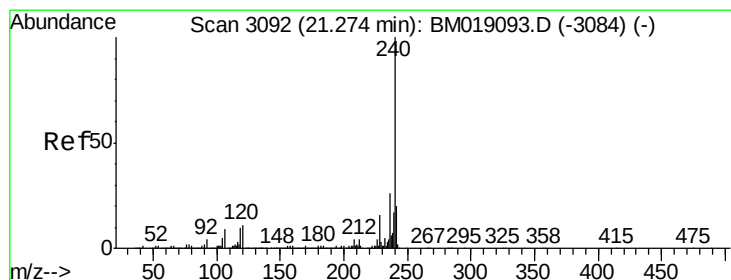
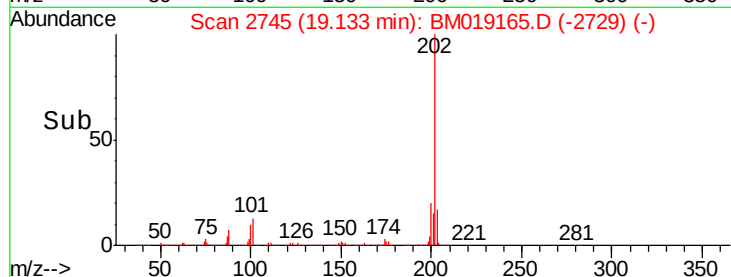
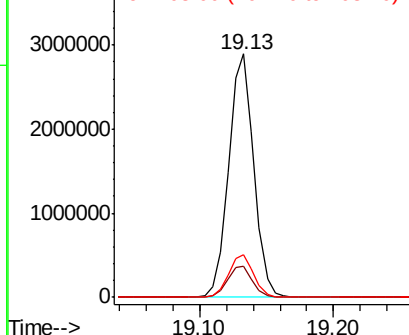


Abundance

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: BM019165.D
Acq: 14 Mar 2019 12:38

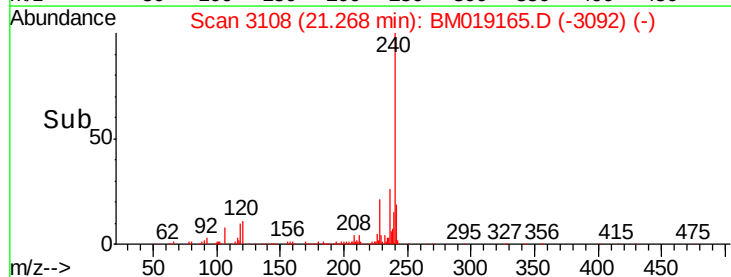
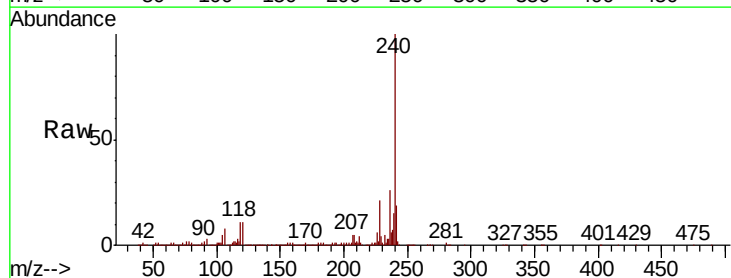
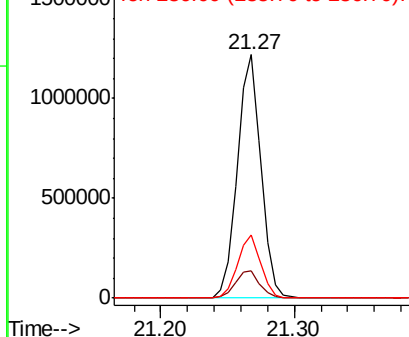
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.7	21.0	31.4

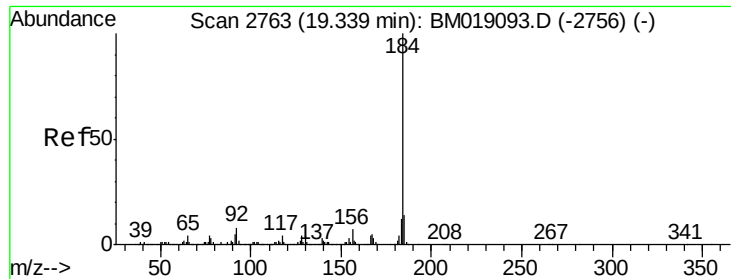
Abundance

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: 8.578 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

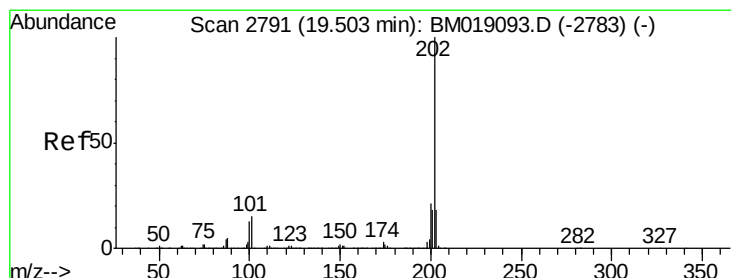
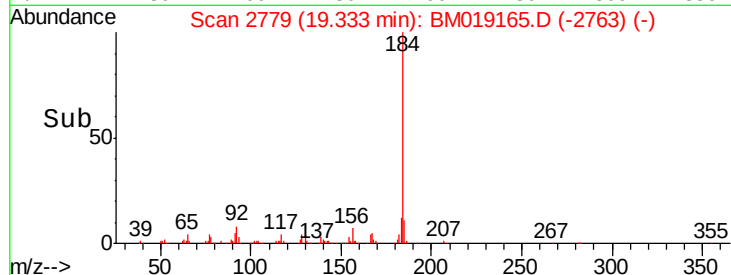
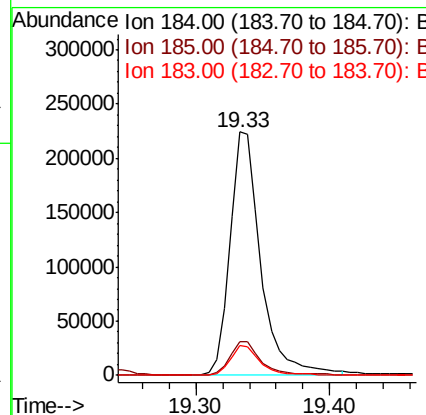
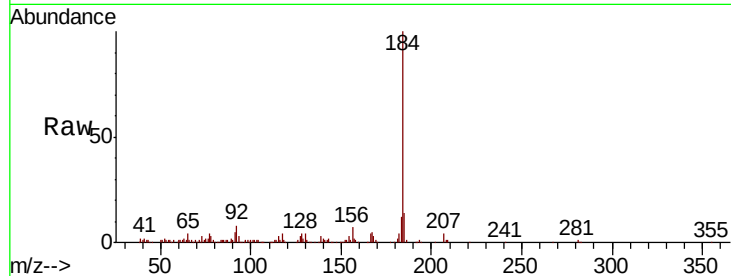
ClientSampleId :

TP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	11.0	16.4	
183	12.2	9.8	14.6	

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#78

Pyrene

Concen: 40.939 ng

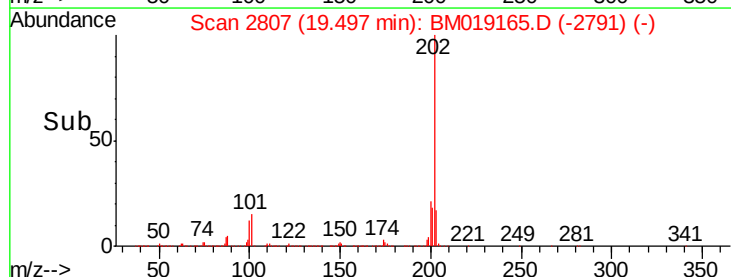
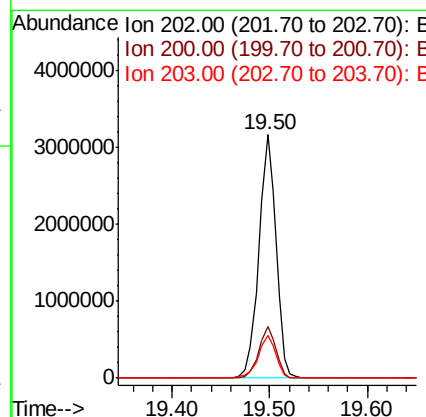
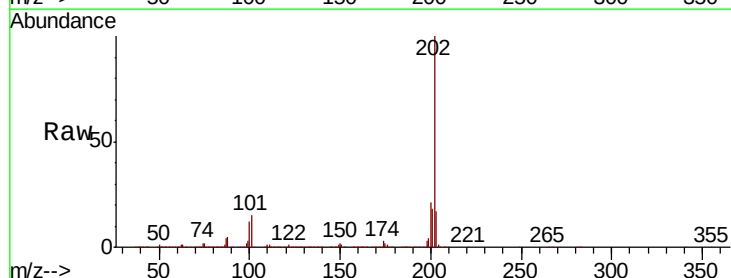
RT: 19.50 min Scan# 2807

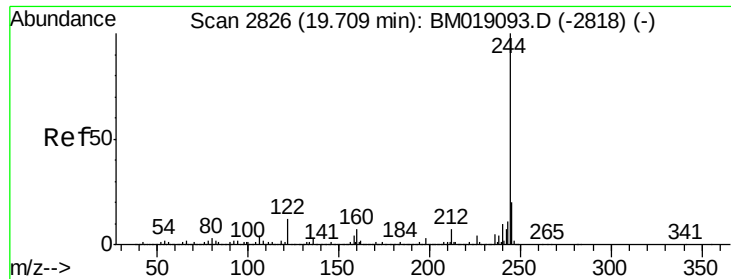
Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	16.9	25.3	
203	17.5	14.0	21.0	





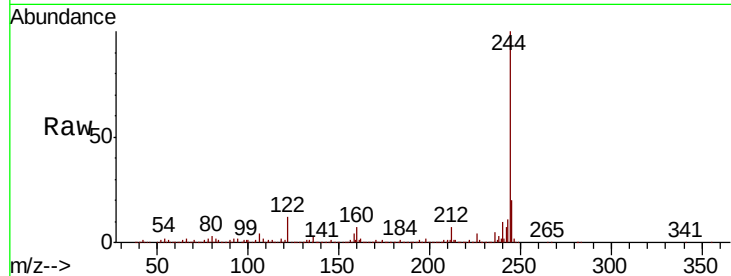
#79
 Terphenyl-d14
 Concen: 82.181 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

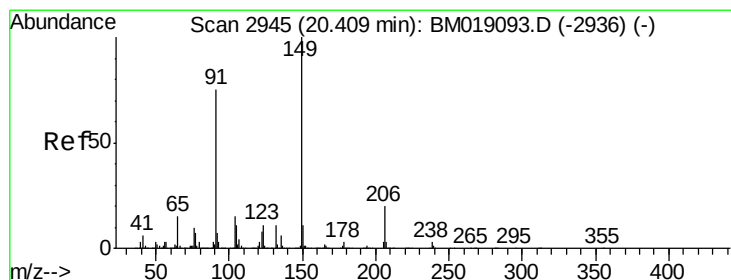
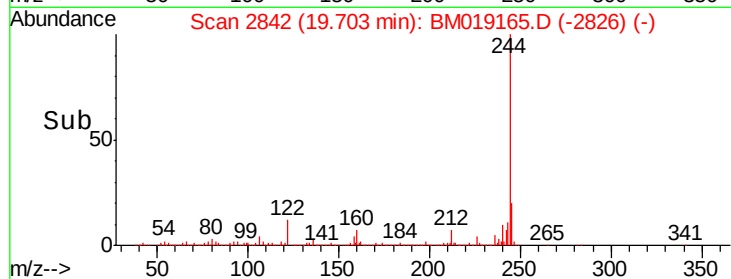
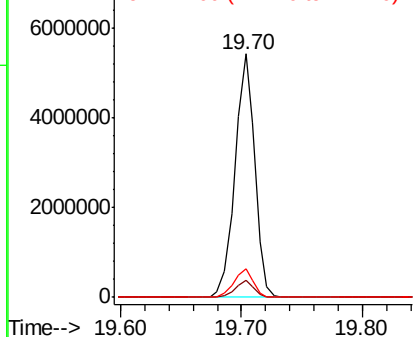
Tot Ion:244 Resp: 6185919
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.4 14.2

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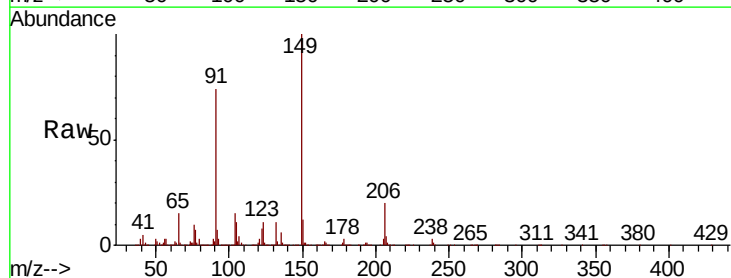


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

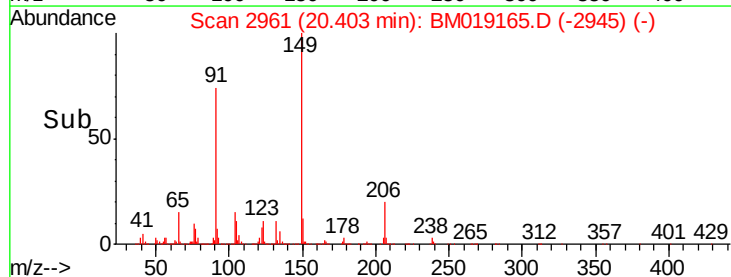
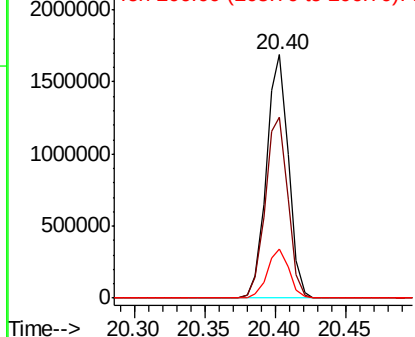


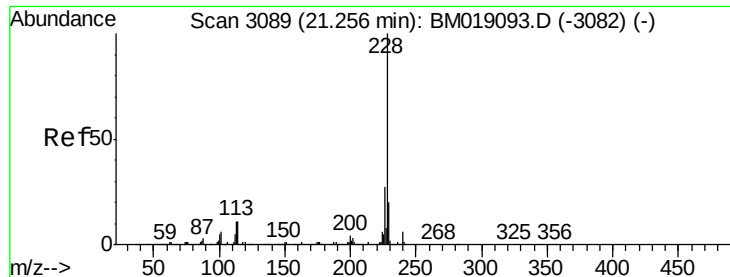
#80
 Butylbenzylphthalate
 Concen: 45.146 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019165.D
 Acq: 14 Mar 2019 12:38

Tgt Ion:149 Resp: 1859139
 Ion Ratio Lower Upper
 149 100
 91 74.1 60.1 90.1
 206 20.4 16.2 24.2



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





#81

Benzo(a)anthracene

Concen: 38.993 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:228 Resp: 3655506

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

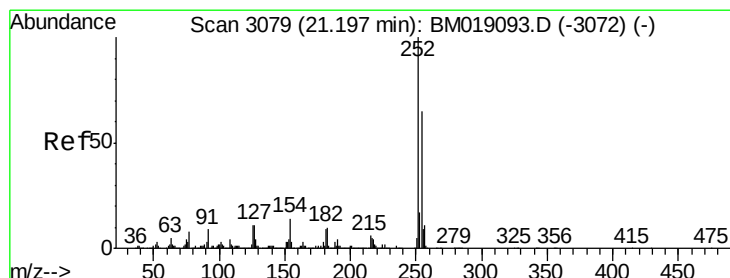
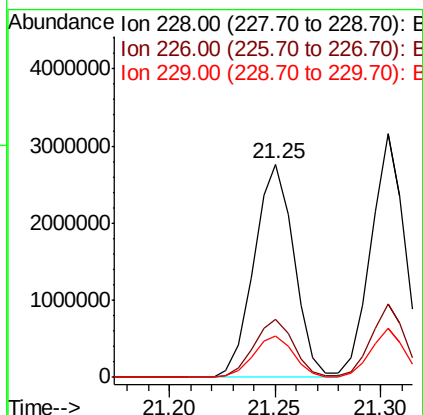
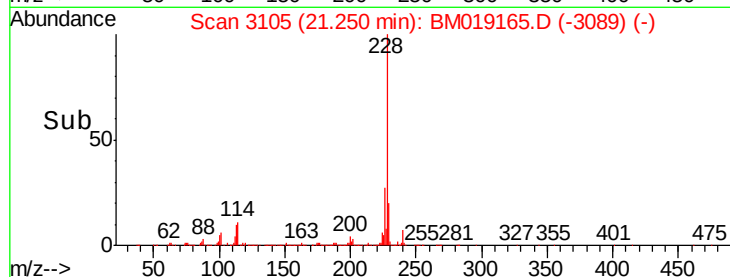
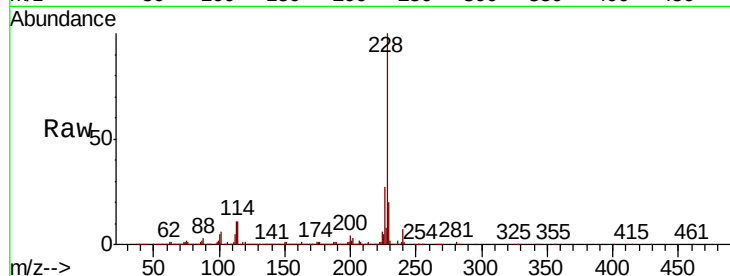
229 19.6 15.8 23.6

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#82

3,3'-Dichlorobenzidine

Concen: 21.082 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

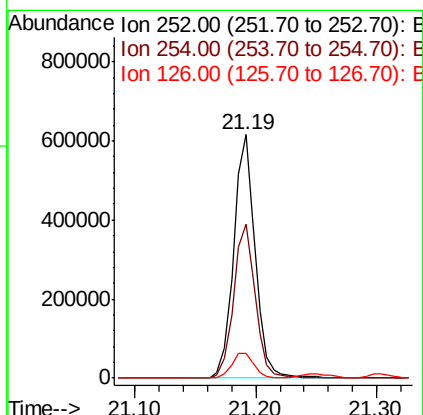
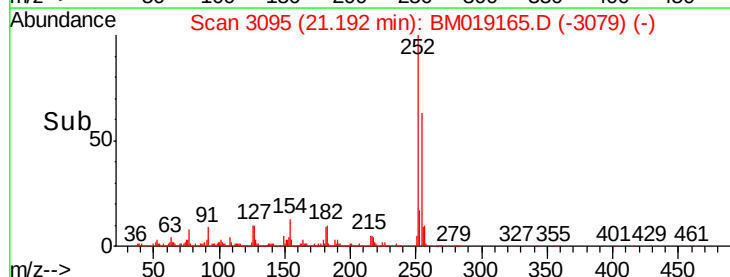
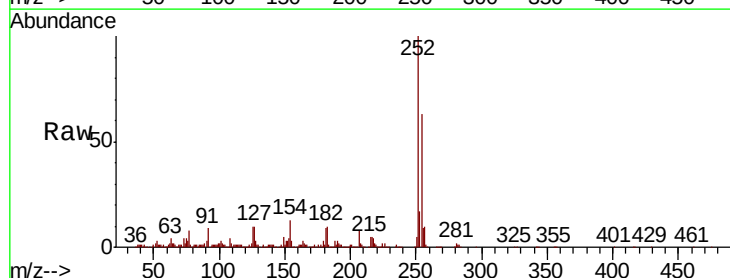
Tgt Ion:252 Resp: 761366

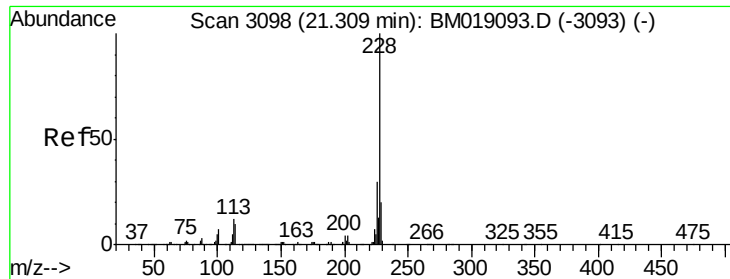
Ion Ratio Lower Upper

252 100

254 63.5 52.4 78.6

126 10.3 9.0 13.6





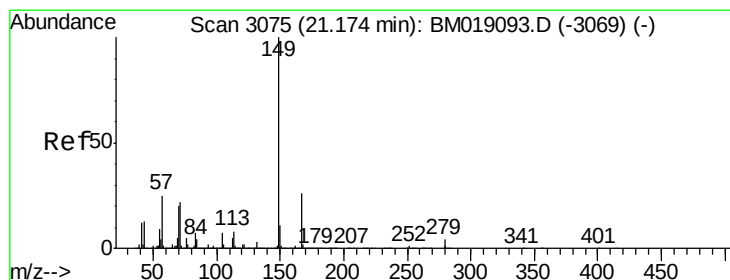
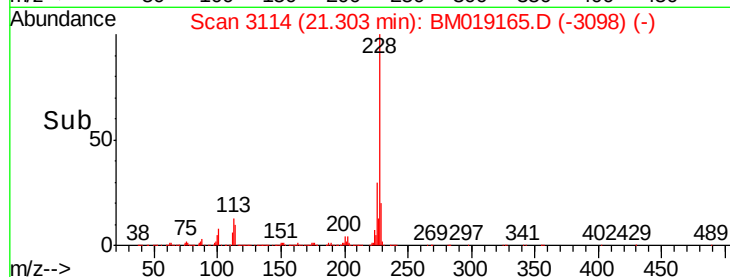
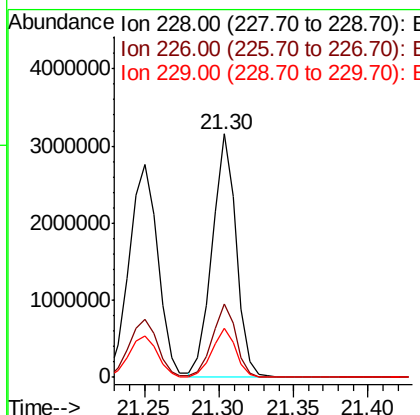
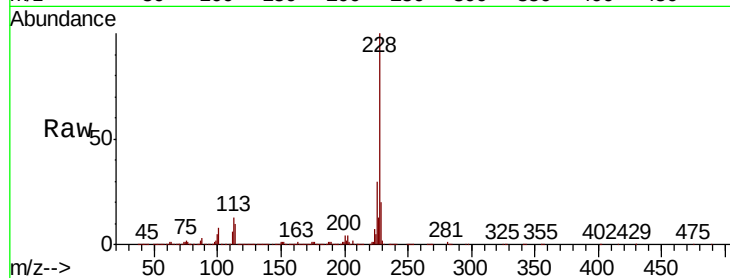
#83
Chrysene
Concen: 38.810 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:228 Resp: 3519842
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 20.0 15.7 23.5

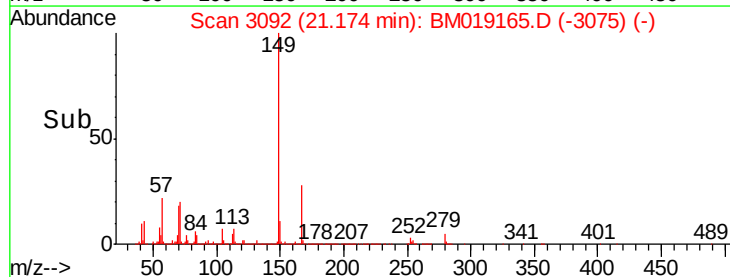
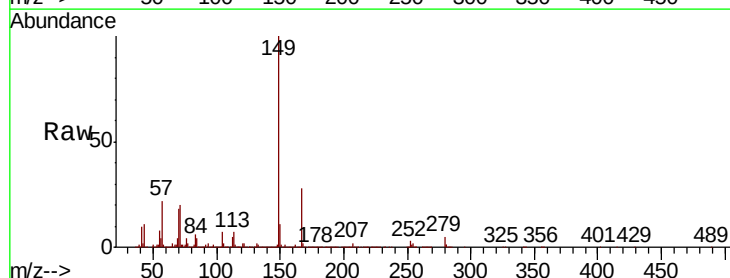
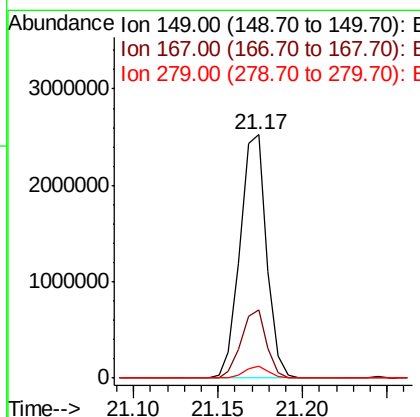
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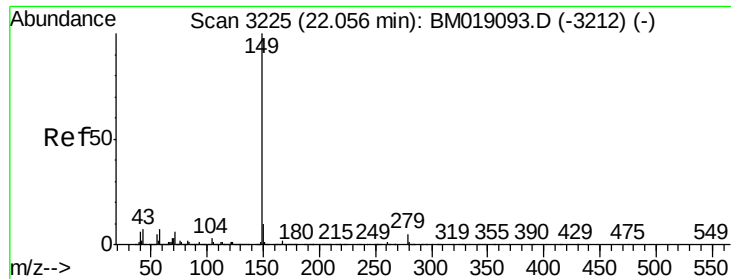
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.065 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion:149 Resp: 2759754
Ion Ratio Lower Upper
149 100
167 27.9 21.1 31.7
279 5.0 3.2 4.8#





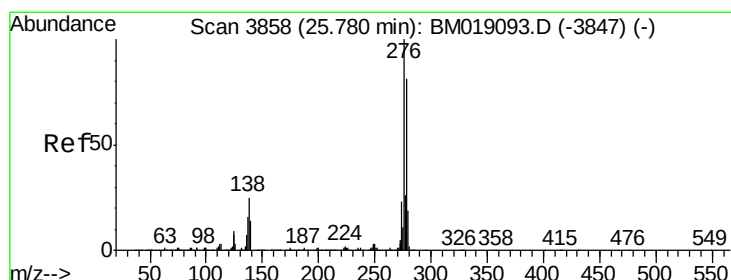
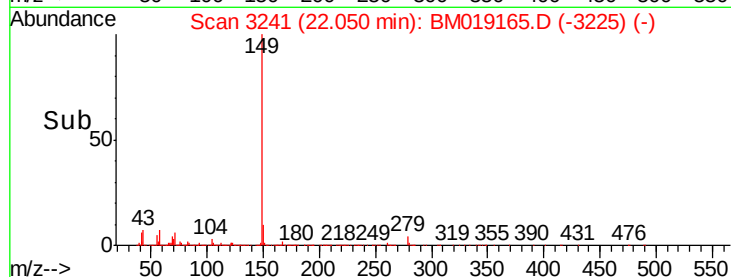
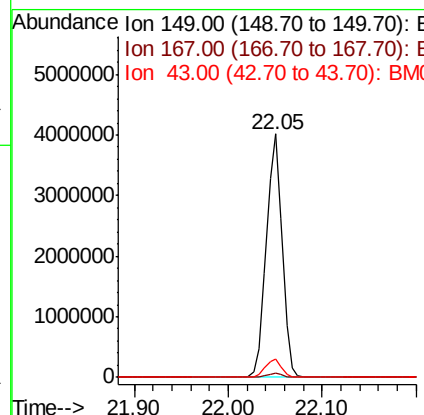
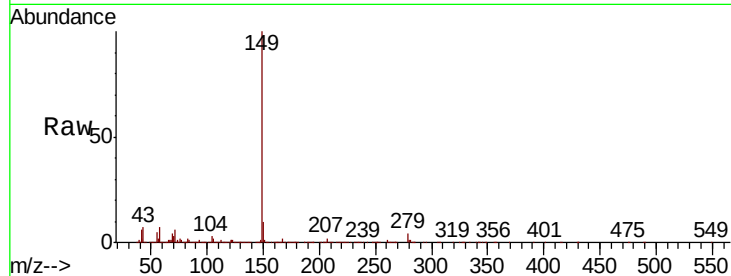
#85
Di-n-octyl phthalate
Concen: 46.446 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

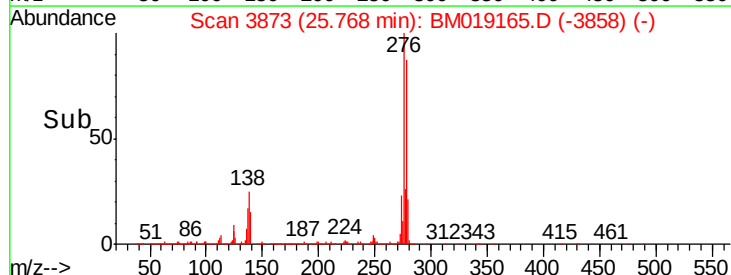
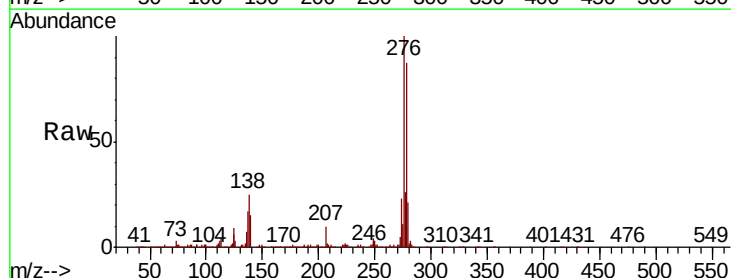
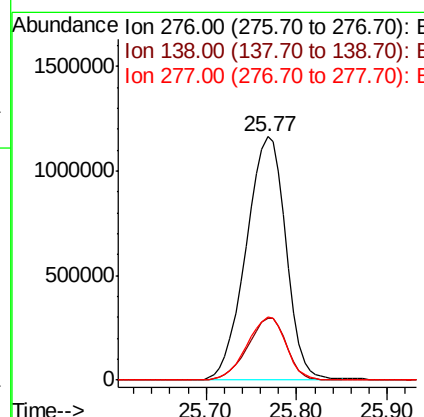
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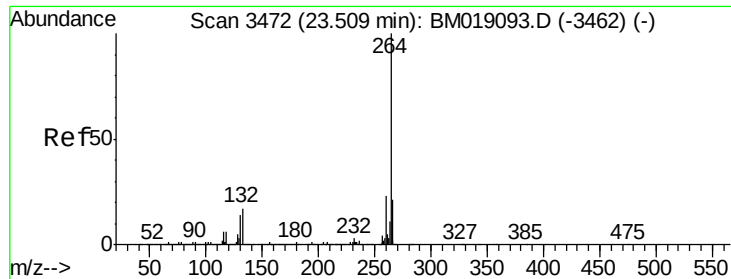
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.460 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:264 Resp: 1342520

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

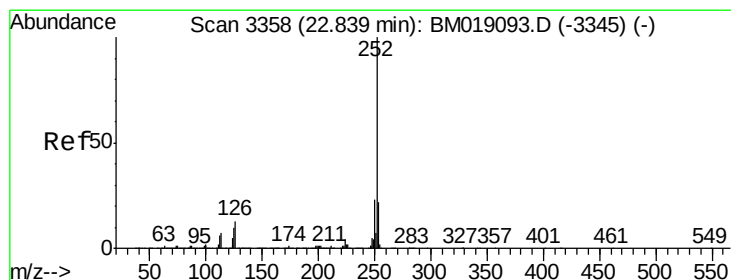
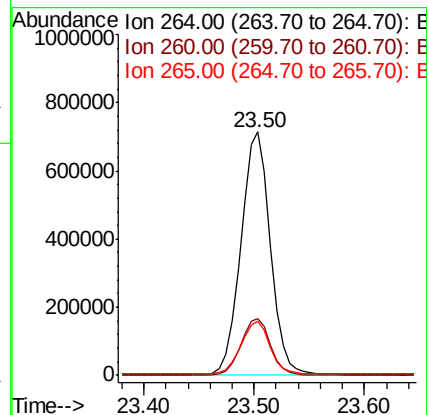
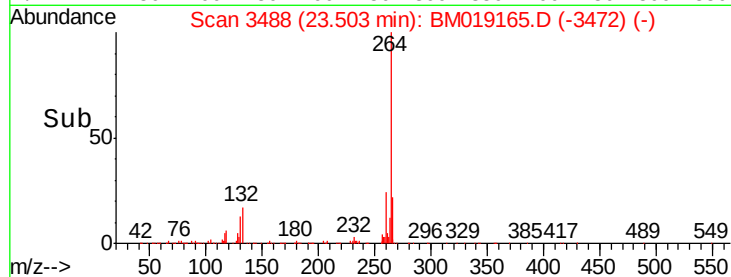
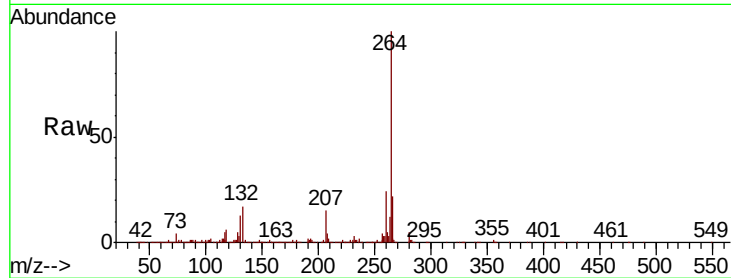
265 22.1 17.3 25.9

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#88

Benzo(b)fluoranthene

Concen: 40.779 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019165.D

Acq: 14 Mar 2019 12:38

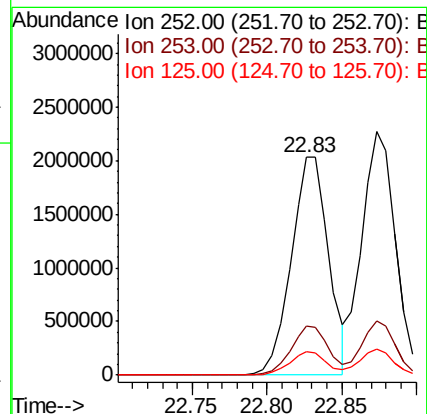
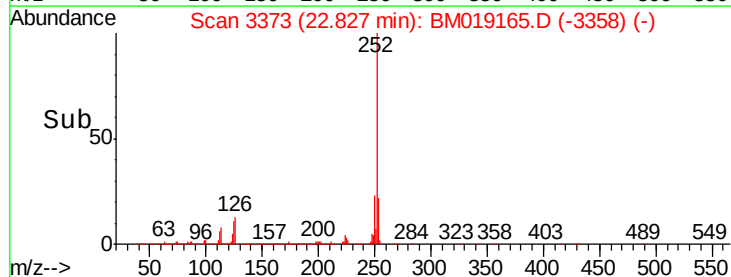
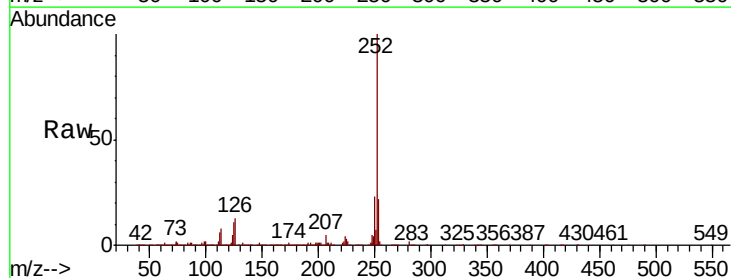
Tgt Ion:252 Resp: 3547417

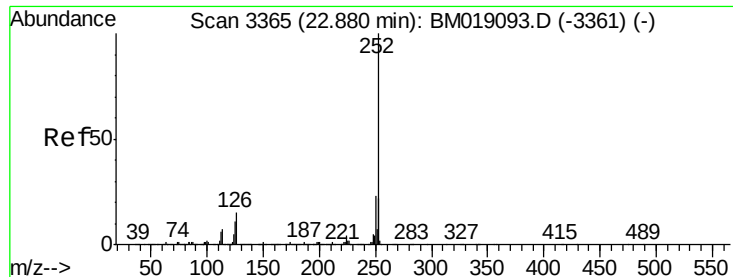
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.7 8.1 12.1





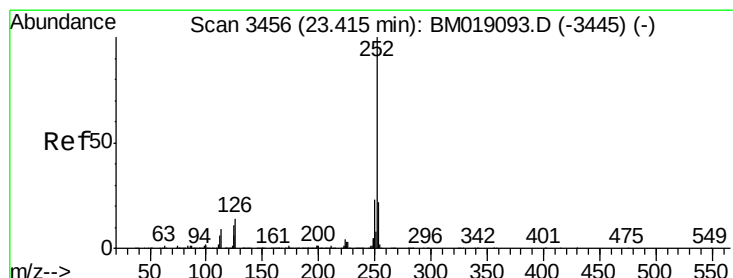
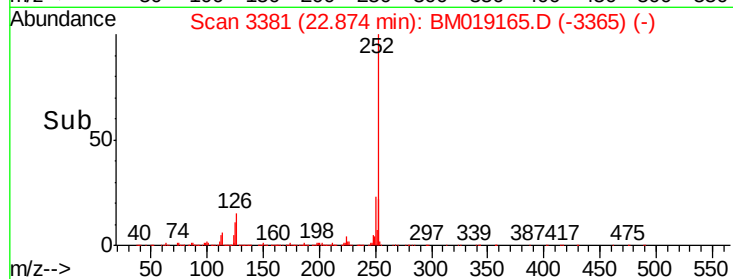
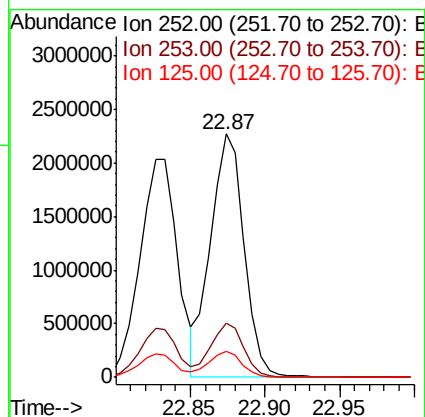
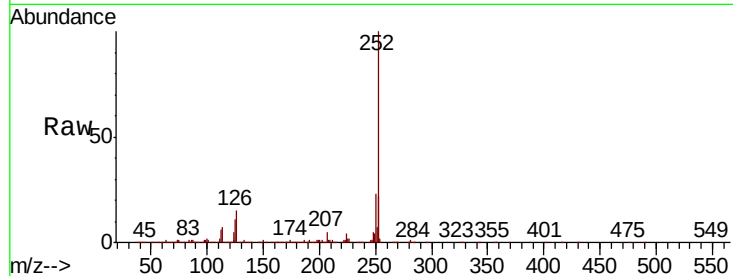
#89
Benzo(k)fluoranthene
Concen: 44.339 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:252 Resp: 3547719
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.8 13.2

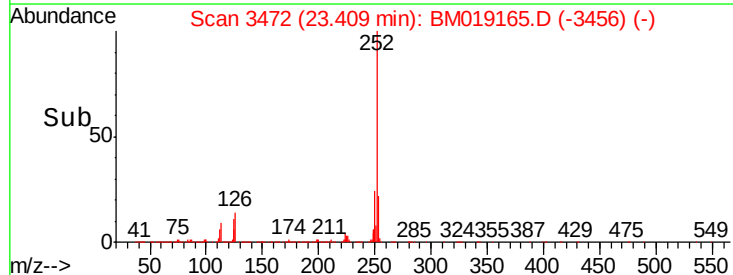
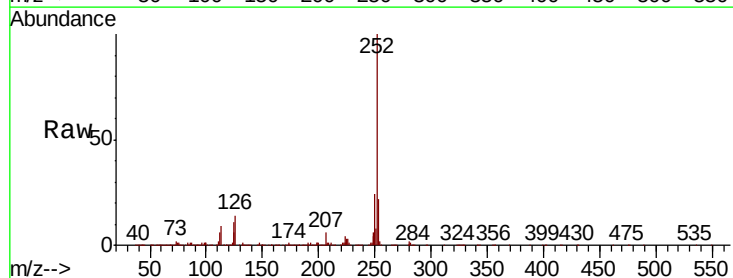
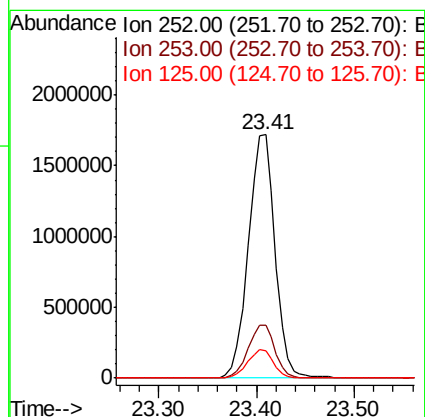
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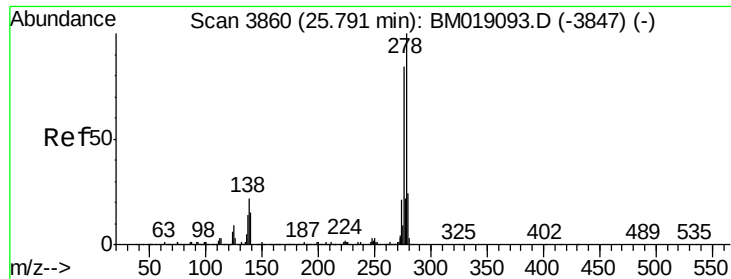
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#90
Benzo(a)pyrene
Concen: 42.036 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion:252 Resp: 3286250
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.4 9.2 13.8





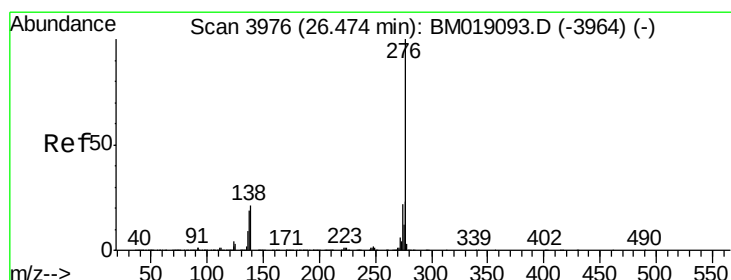
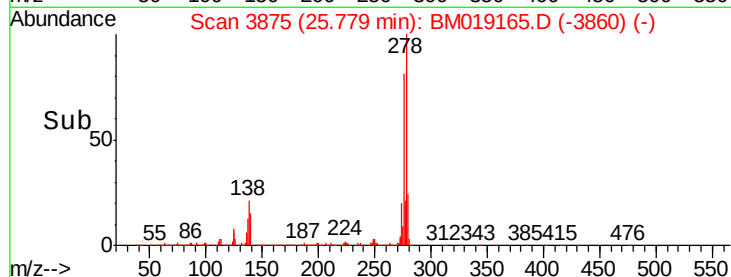
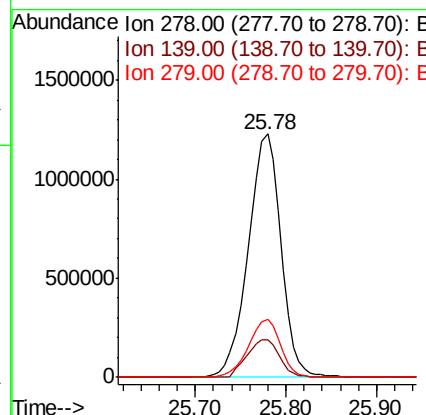
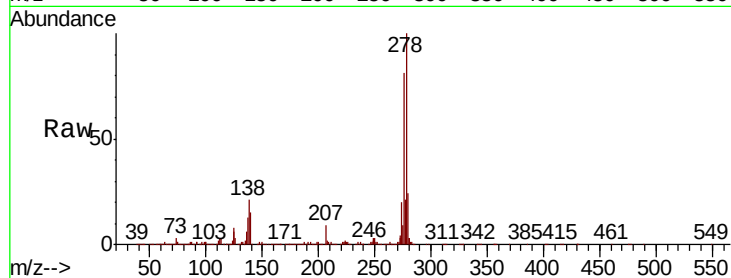
#91
Dibenzo(a,h)anthracene
Concen: 41.207 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.3	18.5
279	23.7	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 41.007 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019165.D
Acq: 14 Mar 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.0	17.0	25.4

