

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019164.D
 Acq On : 14 Mar 2019 12:01
 Operator : JU/SJ
 Sample : K1824-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Manual Integrations
 APPROVED

Sohil
 3/15/2019 5:51:06 PM

Quant Time: Mar 15 07:10:41 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	206273	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	936600	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	595205	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1402802	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1478460	20.00	ng	0.00
87) Perylene-d12	23.50	264	1302736	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1743118	136.85	ng	0.00
7) Phenol-d6	6.84	99	2688101	144.28	ng	0.00
23) Nitrobenzene-d5	8.83	82	1647926	83.17	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1248098	142.02	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3468242	75.79	ng	-0.01
79) Terphenyl-d14	19.70	244	6203407	83.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	172189	30.389	ng	98
3) Pyridine	3.62	79	273490	17.741	ng	98
4) n-Nitrosodimethylamine	3.53	42	168474	35.155	ng	91
6) Aniline	7.00	93	396067	16.466	ng	99
8) 2-Chlorophenol	7.22	128	649214	42.415	ng	98
9) Benzaldehyde	6.82	77	298751	25.494	ng	98
10) Phenol	6.87	94	1058029	52.695	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	579161	37.802	ng	99
12) 1,3-Dichlorobenzene	7.54	146	583991	36.054	ng	99
13) 1,4-Dichlorobenzene	7.69	146	604421	36.601	ng	99
14) 1,2-Dichlorobenzene	8.00	146	595822	37.085	ng	98
15) Benzyl Alcohol	7.91	79	651019	42.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	581493	37.170	ng	98
17) 2-Methylphenol	8.10	107	581134	44.416	ng	99
18) Hexachloroethane	8.72	117	220921	36.002	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	597667	39.103	ng	100
20) 3+4-Methylphenols	8.43	107	814276	45.849	ng	99
22) Acetophenone	8.49	105	971418	37.530	ng	# 99
24) Nitrobenzene	8.87	77	824312	40.002	ng	99
25) Isophorone	9.39	82	1539821	40.728	ng	99
26) 2-Nitrophenol	9.57	139	357284	41.829	ng	99
27) 2,4-Dimethylphenol	9.63	122	626590	49.344	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	913100	40.788	ng	99
29) 2,4-Dichlorophenol	10.10	162	666773	47.411	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	625440	39.440	ng	99
31) Naphthalene	10.49	128	1949164	39.484	ng	99
32) Benzoic acid	9.77	122	170090	15.816	ng	98
33) 4-Chloroaniline	10.63	127	212940	10.523	ng	99
34) Hexachlorobutadiene	10.75	225	331890	36.470	ng	99
35) Caprolactam	11.45	113	228802m	45.671	ng	
36) 4-Chloro-3-methylphenol	11.75	107	807330	46.524	ng	99
37) 2-Methylnaphthalene	12.11	142	1506523	41.996	ng	99
38) 1-Methylnaphthalene	12.33	142	1439015	40.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	715073	37.980	ng	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	755604	88.600	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	564638	46.406	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	603646	46.395	ng	99
46) 1,1'-Biphenyl	13.14	154	2016214	38.788	ng	99
47) 2-Chloronaphthalene	13.18	162	1555370	40.087	ng	100
48) 2-Nitroaniline	13.41	65	575782	44.249	ng	97
49) Acenaphthylene	14.03	152	2610788	39.796	ng	100
50) Dimethylphthalate	13.79	163	2589958	50.866	ng	99
51) 2,6-Dinitrotoluene	13.91	165	478260	43.451	ng	99
52) Acenaphthene	14.37	154	1505096	39.926	ng	99
53) 3-Nitroaniline	14.24	138	243194	20.861	ng	97
54) 2,4-Dinitrophenol	14.46	184	464228	72.625	ng	100
55) Dibenzofuran	14.72	168	2475821	40.725	ng	100
56) 4-Nitrophenol	14.56	139	841891	88.452	ng	98
57) 2,4-Dinitrotoluene	14.70	165	691082	43.254	ng	99
58) Fluorene	15.36	166	2072892	41.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	552936	45.650	ng	99
60) Diethylphthalate	15.15	149	2207977	42.817	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1027149	42.204	ng	98
62) 4-Nitroaniline	15.42	138	479323	40.800	ng	99
63) Azobenzene	15.66	77	2305663	42.490	ng	100
65) 4,6-Dinitro-2-methylphenol	15.46	198	348488	37.910	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1833198	41.047	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	619454	40.044	ng	98
68) Hexachlorobenzene	16.36	284	740457	40.261	ng	98
69) Atrazine	16.54	200	656044	43.638	ng	98
70) Pentachlorophenol	16.72	266	923531	83.347	ng	100
71) Phenanthrene	17.11	178	3258157	39.626	ng	100
72) Anthracene	17.20	178	3340588	41.501	ng	99
73) Carbazole	17.48	167	3143730	41.380	ng	99
74) Di-n-butylphthalate	18.03	149	3955132	43.052	ng	100
75) Fluoranthene	19.13	202	3794440	40.217	ng	99
77) Benzidine	19.34	184	343798	8.199	ng	99
78) Pyrene	19.50	202	3868613	41.356	ng	100
80) Butylbenzylphthalate	20.40	149	1882832	46.212	ng	98
81) Benzo(a)anthracene	21.25	228	3638726	39.230	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	748442	20.946	ng	98
83) Chrysene	21.30	228	3480504	38.787	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2788953	47.051	ng	# 98
85) Di-n-octyl phthalate	22.05	149	4676045	46.848	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3482105	36.049	ng	100
88) Benzo(b)fluoranthene	22.83	252	3481634	41.245	ng	100
89) Benzo(k)fluoranthene	22.87	252	3389743	43.658	ng	99
90) Benzo(a)pyrene	23.41	252	3198032	42.157	ng	99
91) Dibenzo(a,h)anthracene	25.77	278	2991573	41.225	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2738954	41.111	ng	100

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

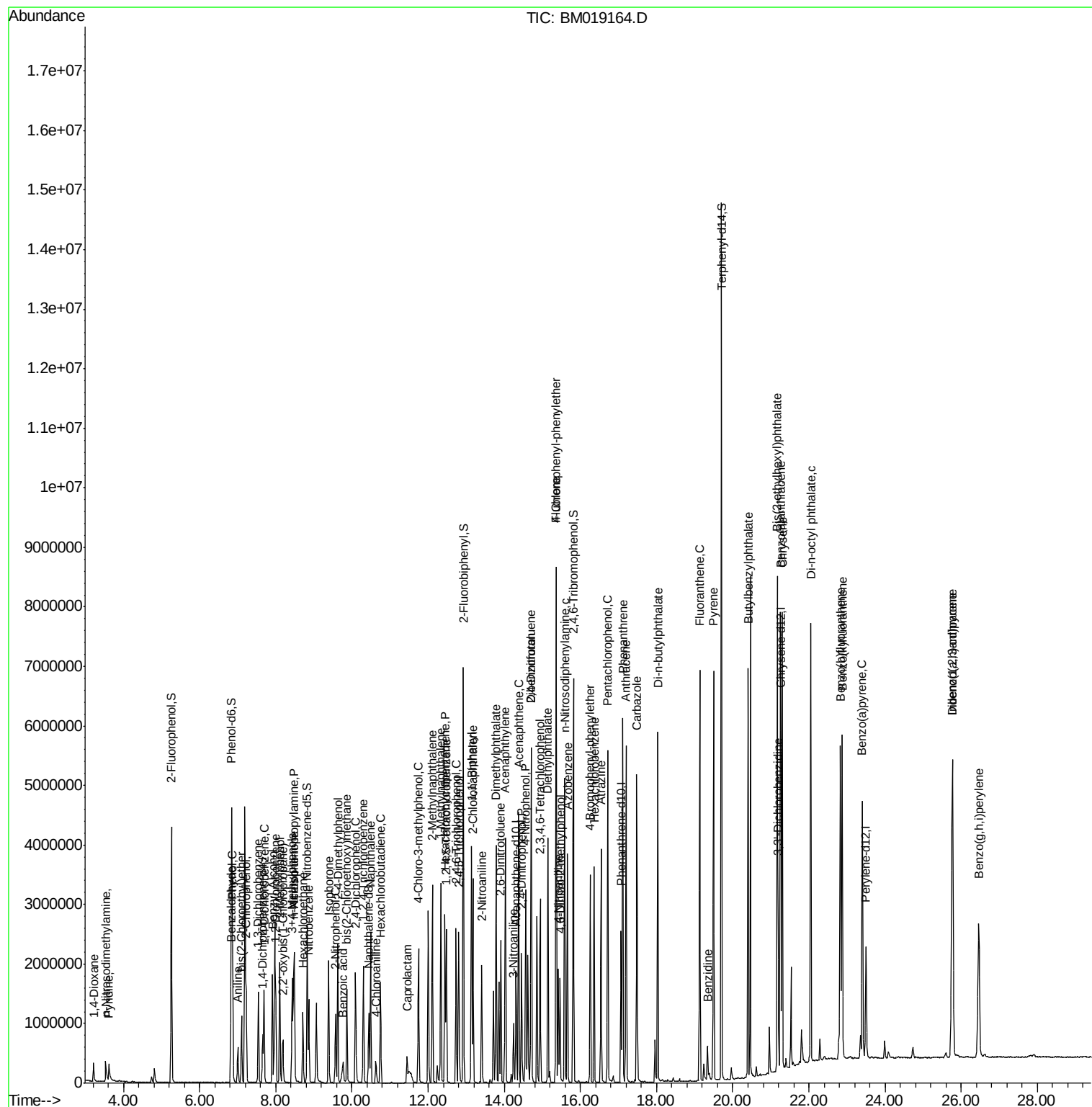
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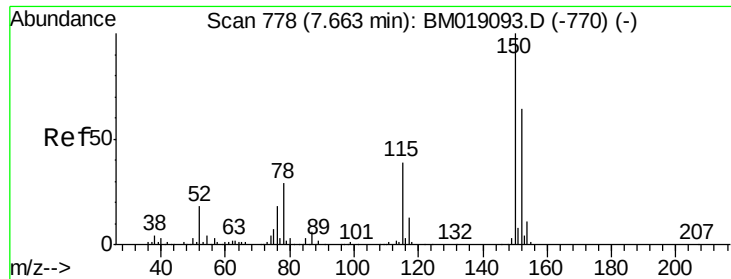
Instrument :
BNA_M
ClientSampled :
TP-24MS

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#1

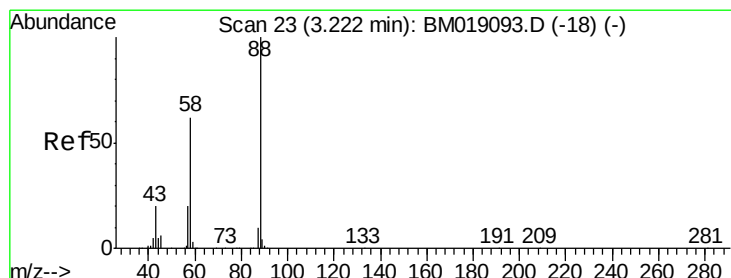
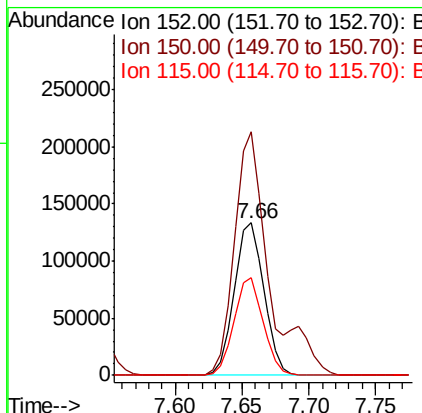
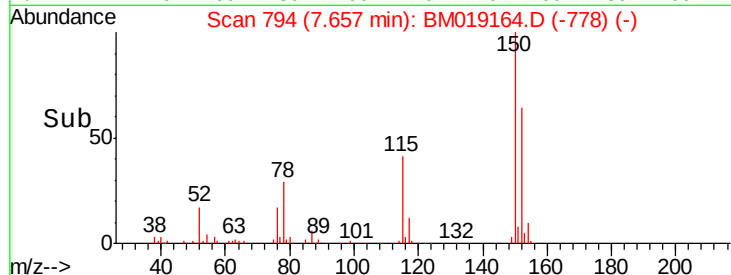
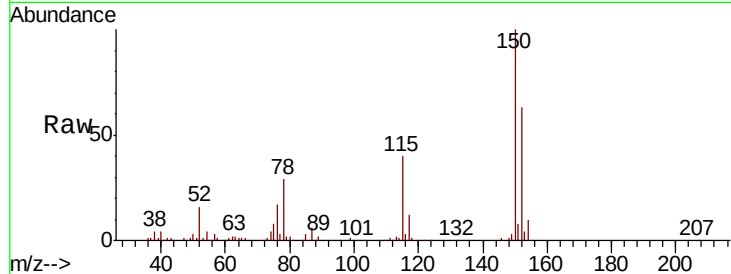
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.3	187.9
115	64.2	49.4	74.0

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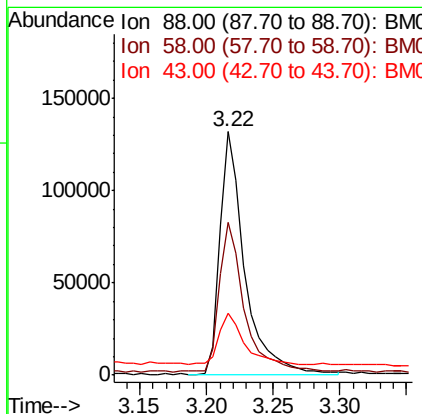
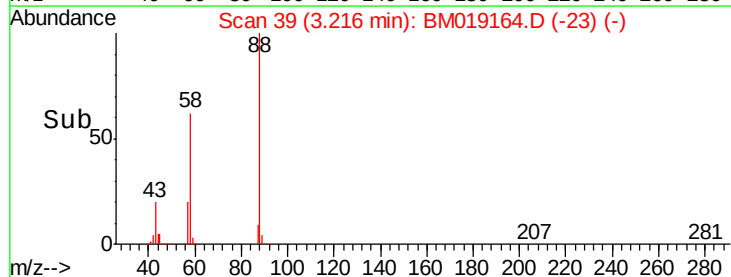
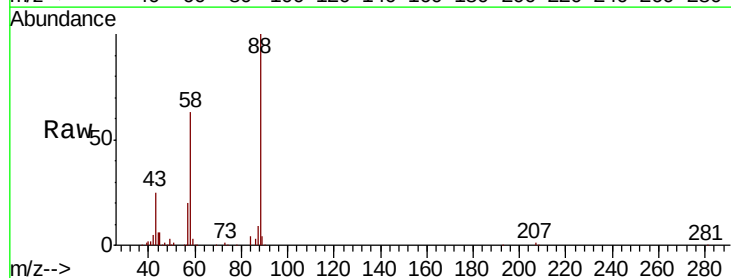
Sohil
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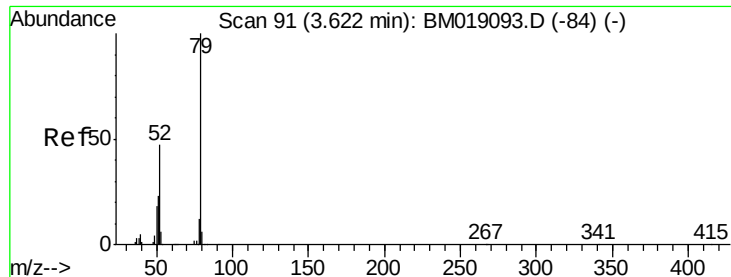


#2

1,4-Dioxane
Concen: 30.389 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	50.0	75.0
43	22.2	17.0	25.4





#3

Pvridine

Concen: 17.741 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

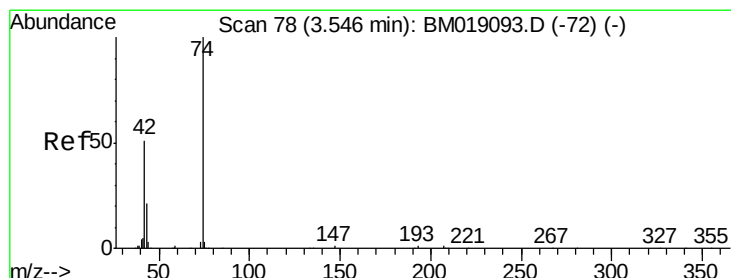
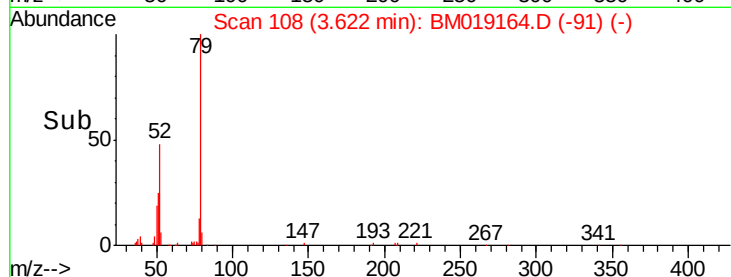
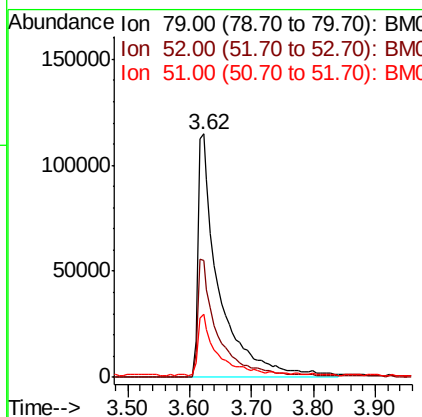
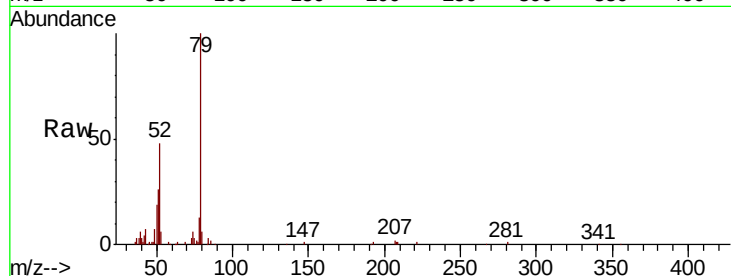
ClientSampled :

TP-24MS

Tot Ion:	79	Resp:	273490
Ion Ratio	Lower	Upper	
79	100		
52	47.8	37.5	56.3
51	25.9	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.155 ng

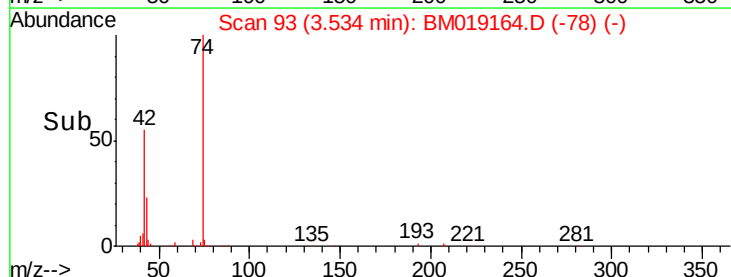
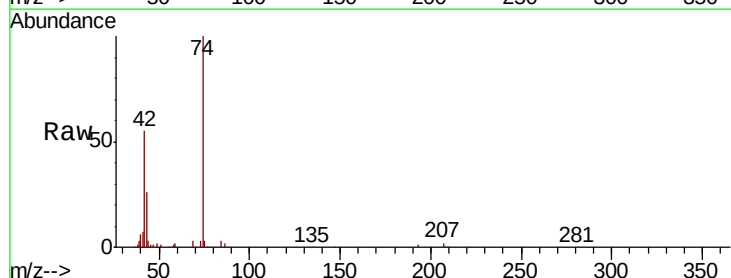
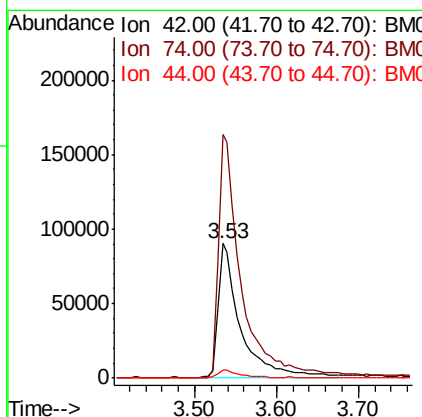
RT: 3.53 min Scan# 93

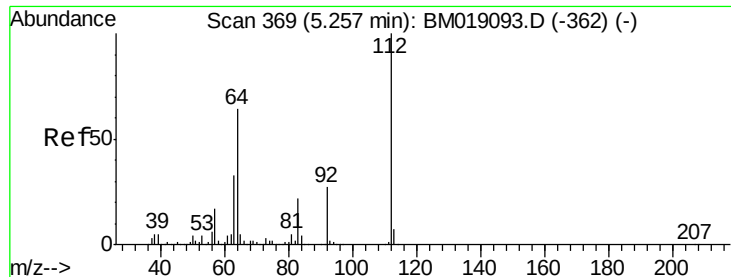
Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	42	Resp:	168474
Ion Ratio	Lower	Upper	
42	100		
74	180.8	156.3	234.5
44	6.0	4.6	7.0





#5

2-Fluorophenol

Concen: 136.855 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion:112 Resp: 1743118

Ion Ratio Lower Upper

112 100

64 62.6 51.4 77.0

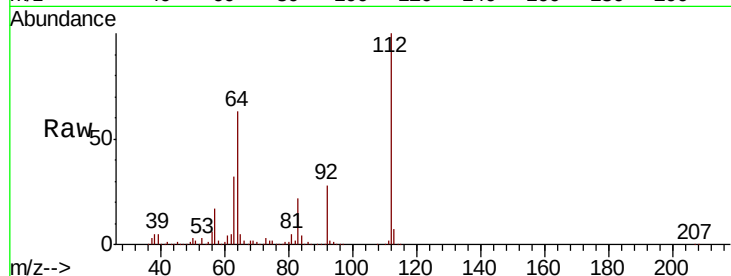
63 32.0 26.6 40.0

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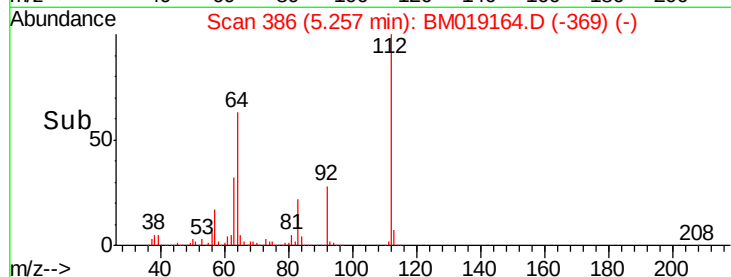
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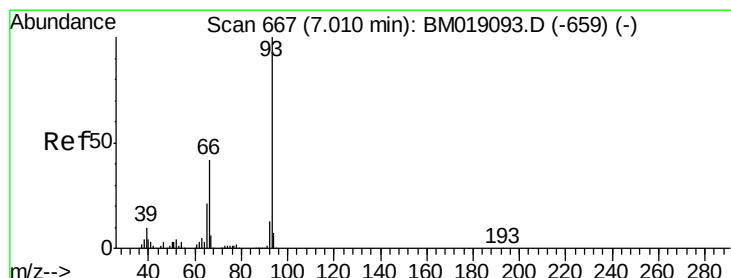
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



Time-->



#6

Aniline

Concen: 16.466 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

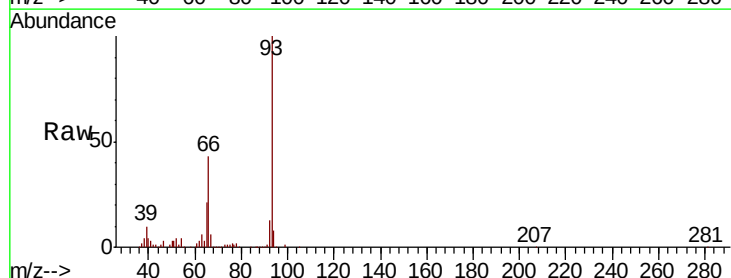
Tgt Ion: 93 Resp: 396067

Ion Ratio Lower Upper

93 100

66 43.0 33.4 50.2

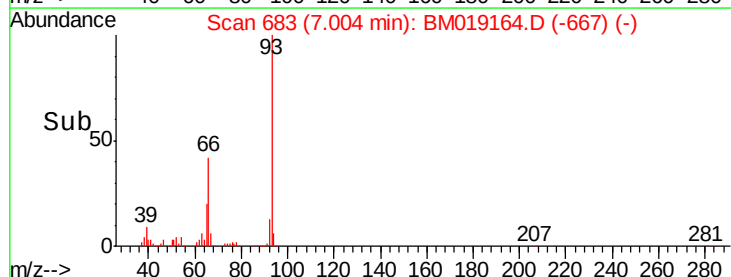
65 20.6 16.8 25.2



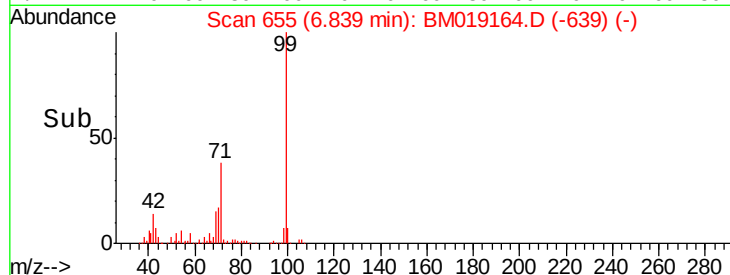
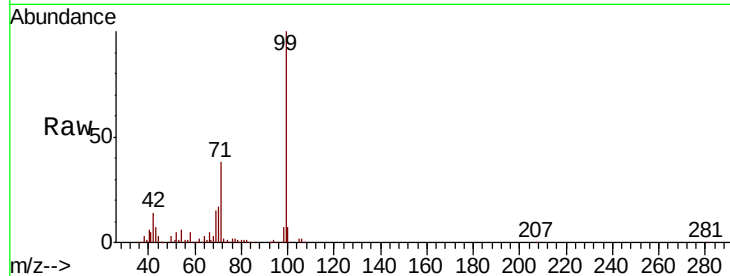
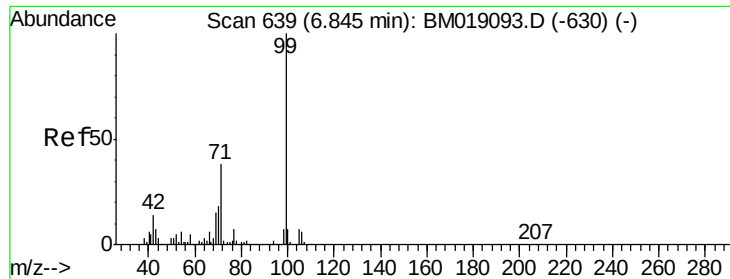
Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM



Time-->



#7

Phenol-d6

Concen: 144.285 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tot Ion:	99	Resp:	2688101
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	38.1	30.3	45.5

Instrument :

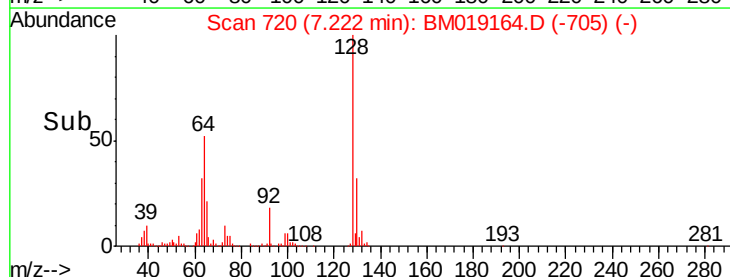
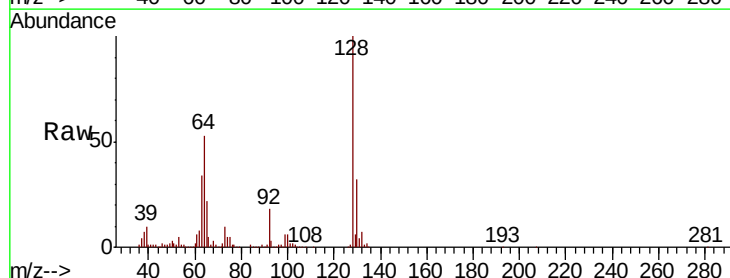
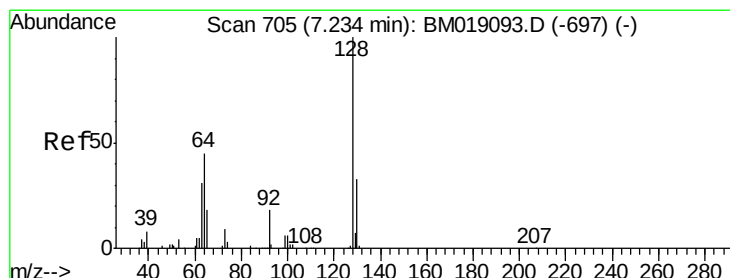
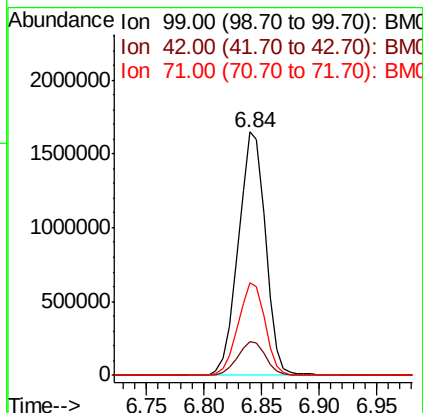
BNA_M

ClientSampled :

TP-24MS

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#8

2-Chlorophenol

Concen: 42.415 ng

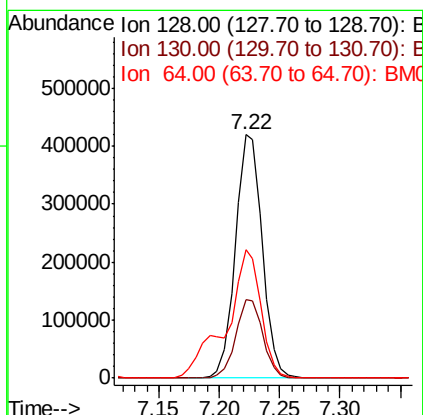
RT: 7.22 min Scan# 720

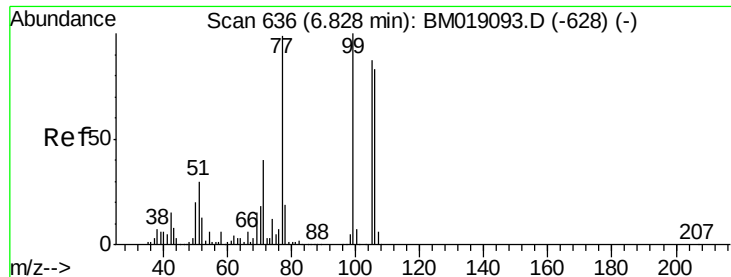
Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	128	Resp:	649214
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.8	52.8
64	52.6	30.8	70.8





#9

Benzaldehyde

Concen: 25.494 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

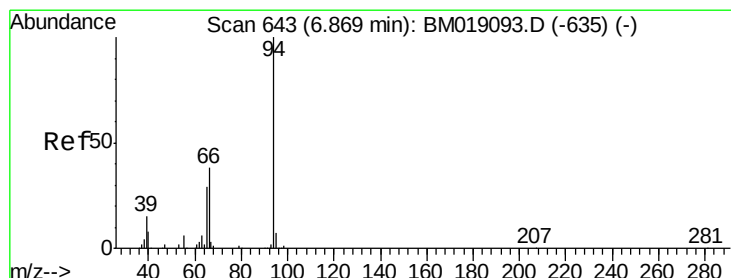
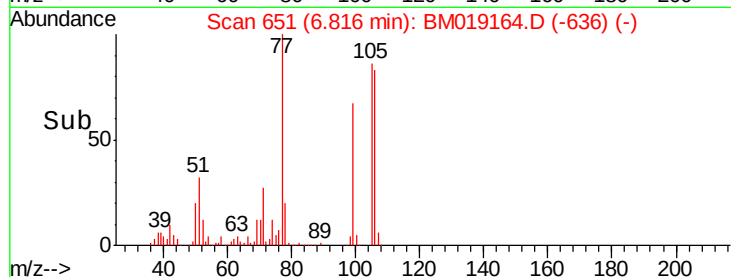
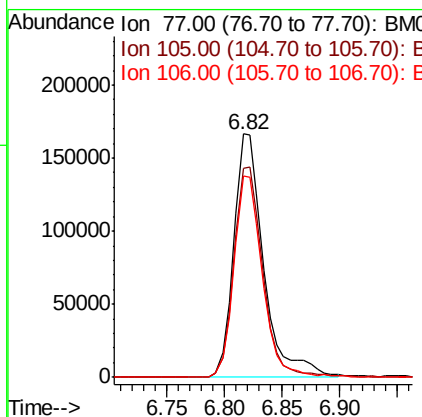
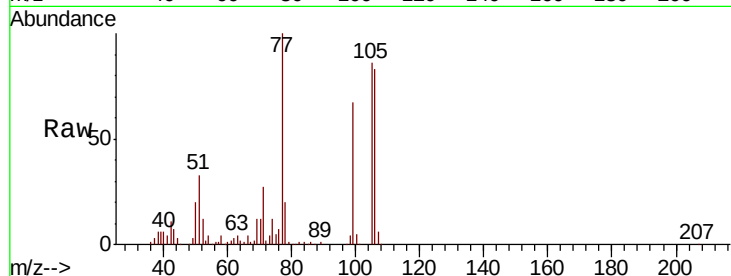
ClientSampled :

TP-24MS

Tot Ion:	77	Resp:	298751
Ion Ratio	Lower	Upper	
77	100		
105	85.7	67.7	107.7
106	82.5	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 52.695 ng

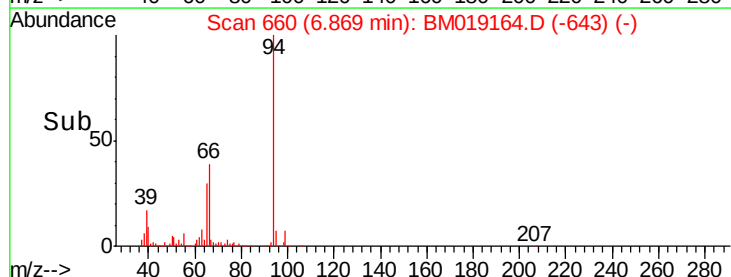
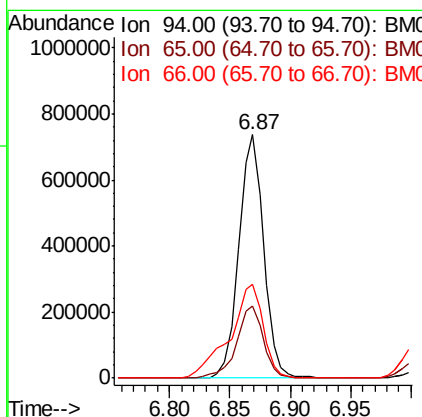
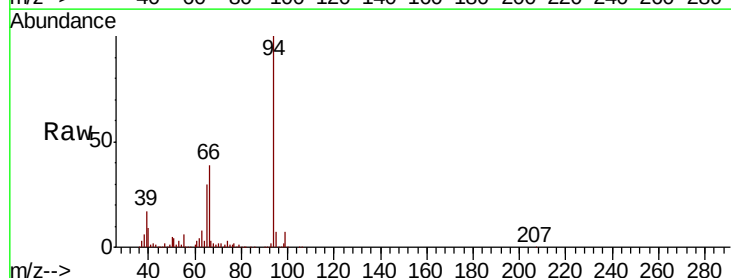
RT: 6.87 min Scan# 660

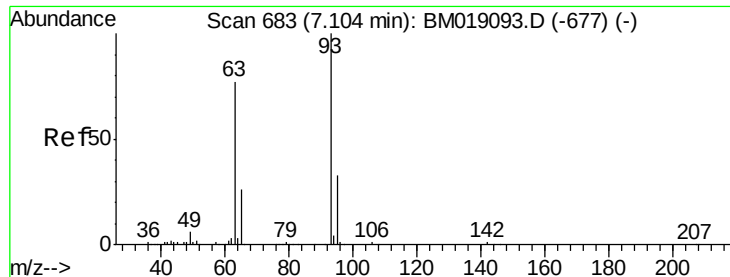
Delta R.T. -0.00 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	94	Resp:	1058029
Ion Ratio	Lower	Upper	
94	100		
65	29.6	9.7	49.7
66	38.8	19.2	59.2





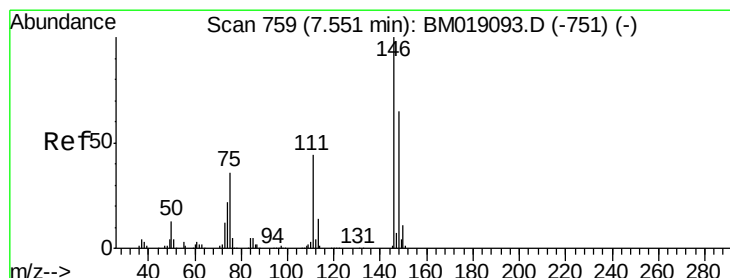
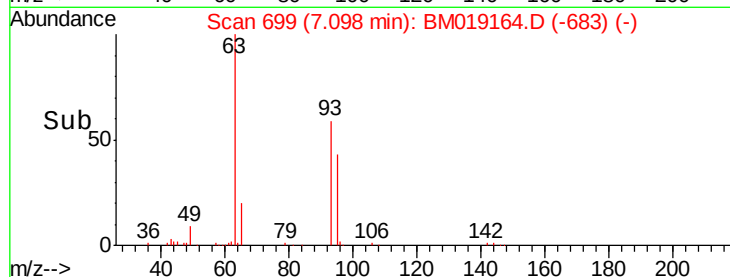
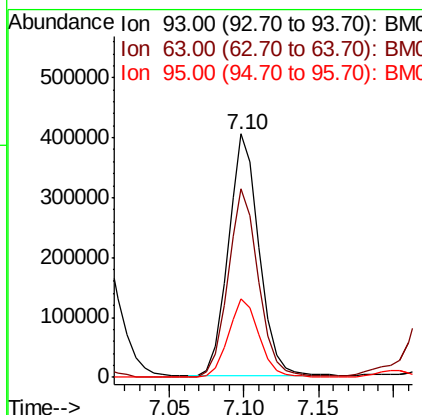
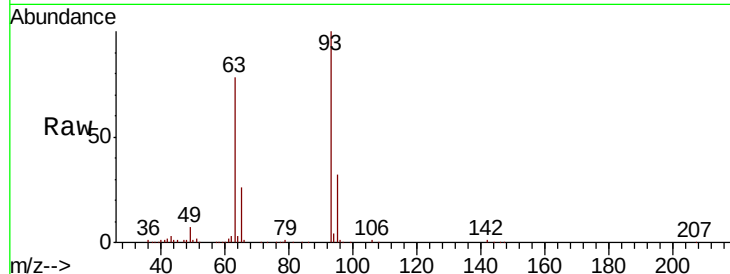
#11
bis(2-Chloroethyl)ether
Concen: 37.802 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	56.6	96.6
95	32.4	13.0	53.0

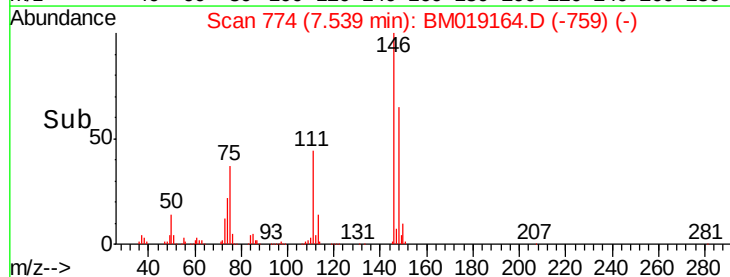
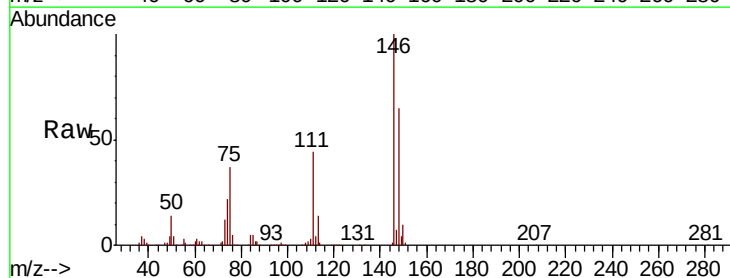
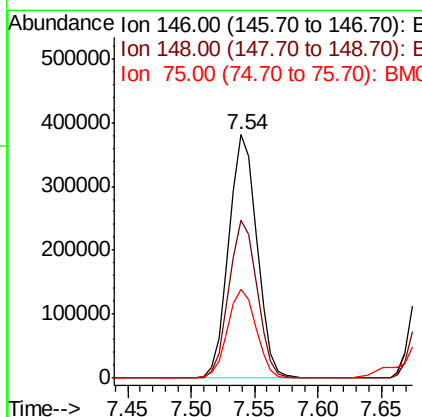
Manual Integrations
APPROVED

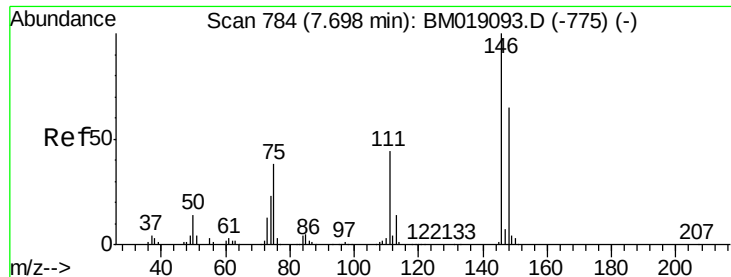
Sohil
3/15/2019 5:51:06 PM



#12
1,3-Dichlorobenzene
Concen: 36.054 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	36.6	29.1	43.7





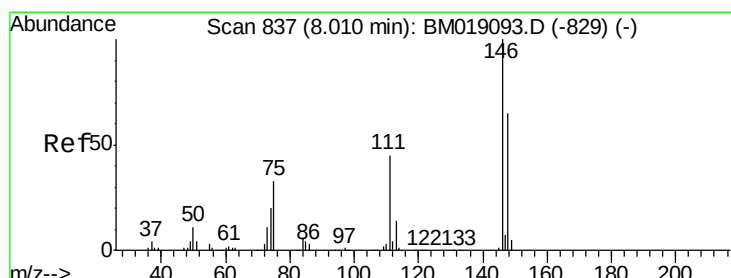
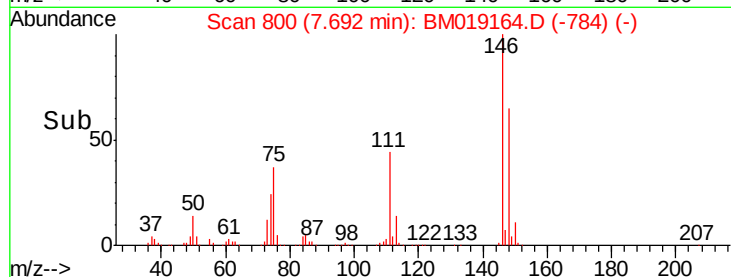
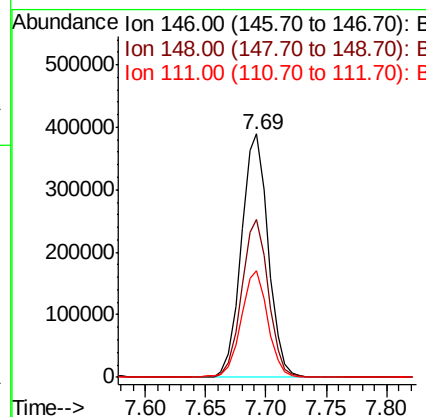
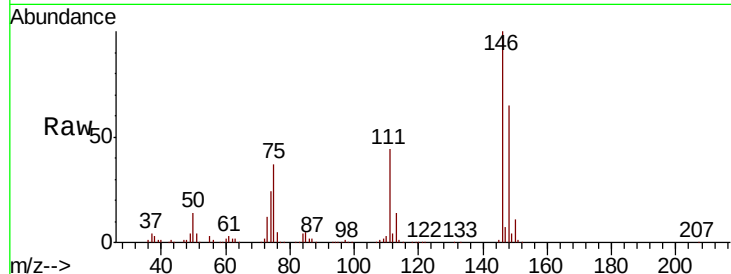
#13
 1,4-Dichlorobenzene
 Concen: 36.601 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	43.6	35.4	53.0

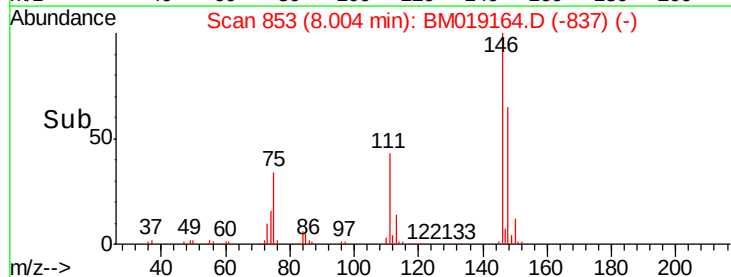
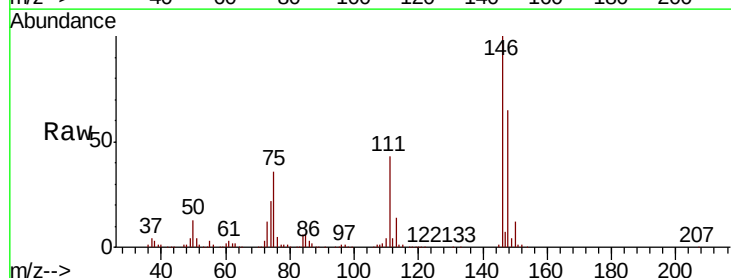
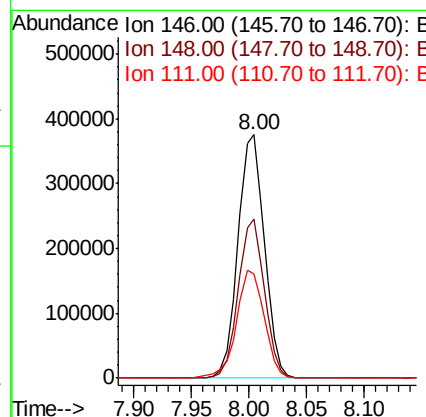
Manual Integrations
 APPROVED

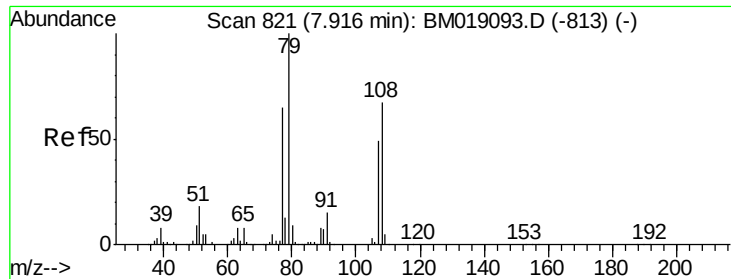
Sohil
 3/15/2019 5:51:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.085 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	42.9	36.2	54.4





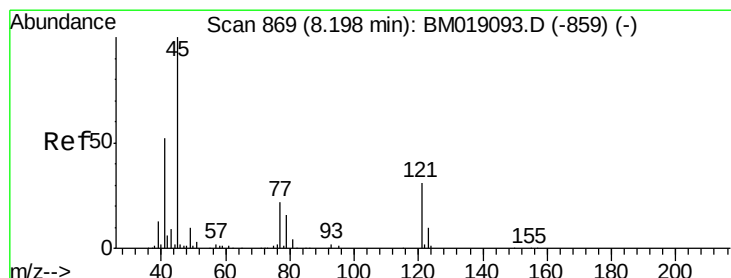
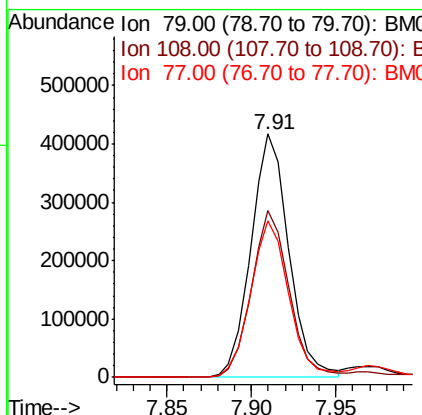
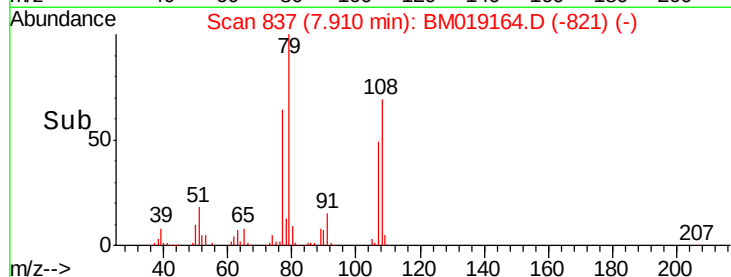
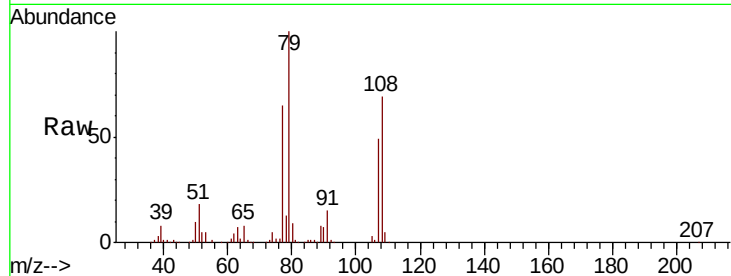
#15
Benzyl Alcohol
Concen: 42.221 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.8	53.7	80.5
77	64.6	51.8	77.8

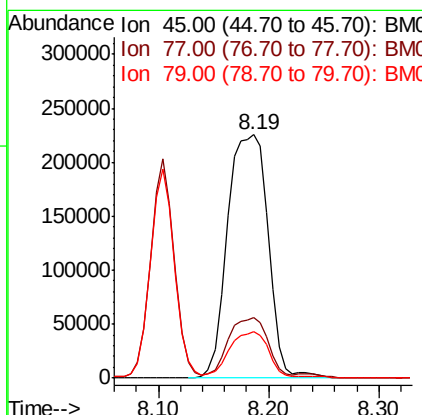
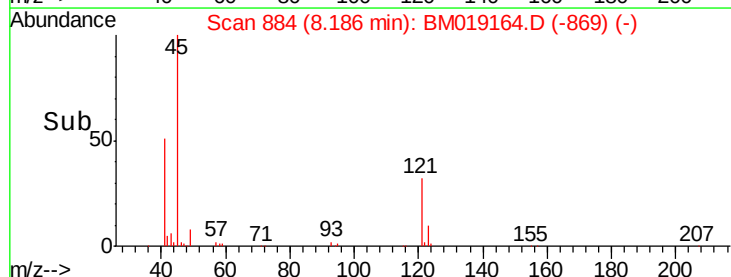
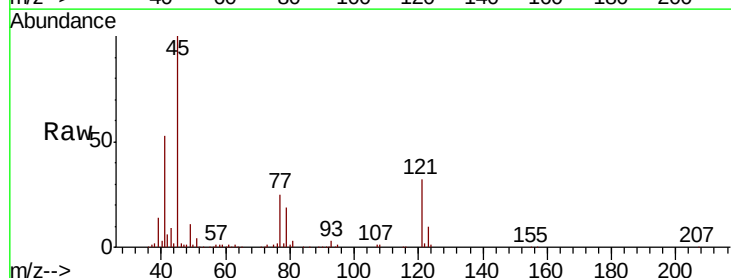
Manual Integrations
APPROVED

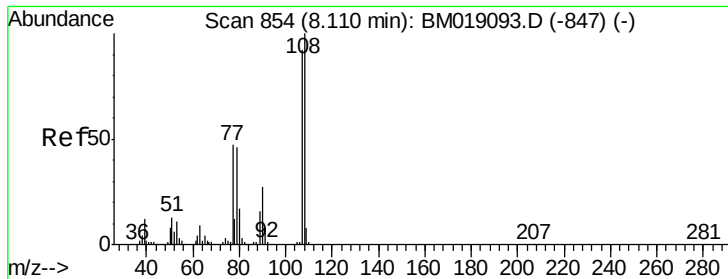
Sohil
3/15/2019 5:51:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.170 ng
RT: 8.19 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.8	4.1	44.1
79	19.0	0.0	38.1





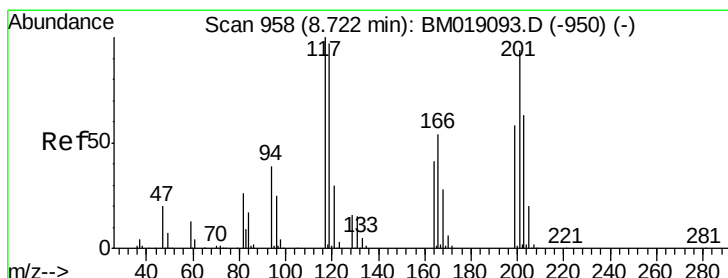
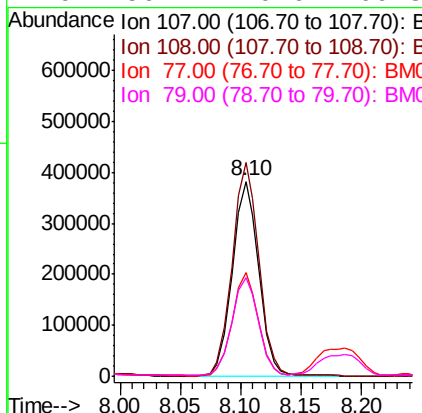
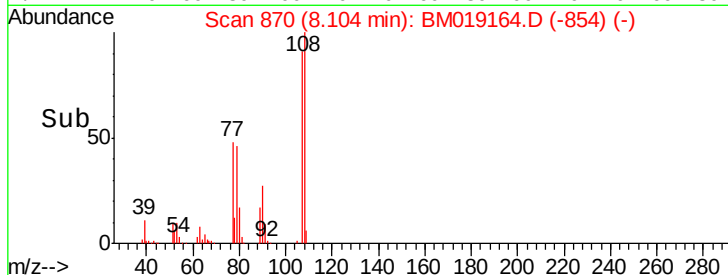
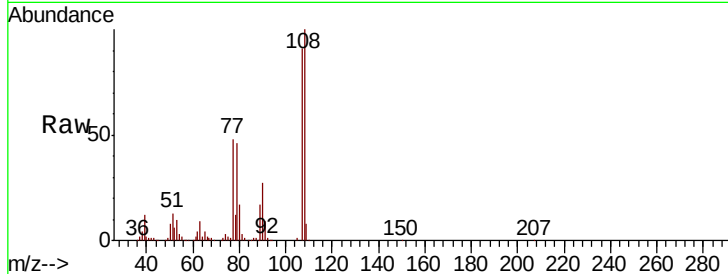
#17
2-Methylphenol
Concen: 44.416 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	87.4	131.2	
77	53.1	41.6	62.4	
79	50.7	40.6	60.8	

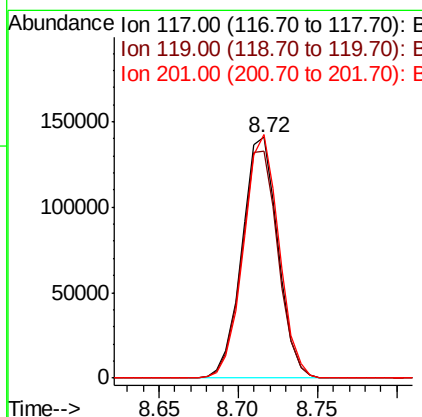
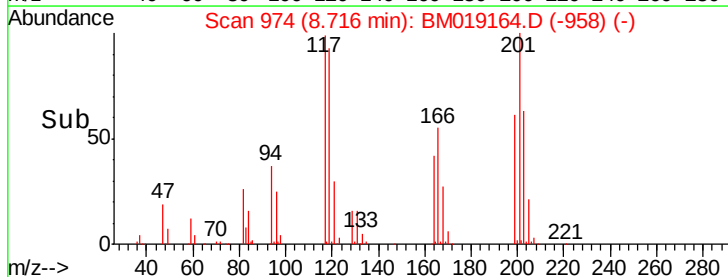
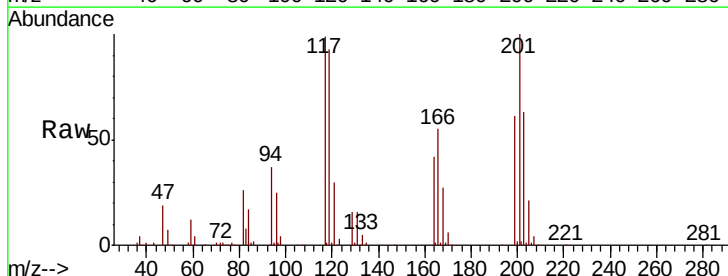
Manual Integrations
APPROVED

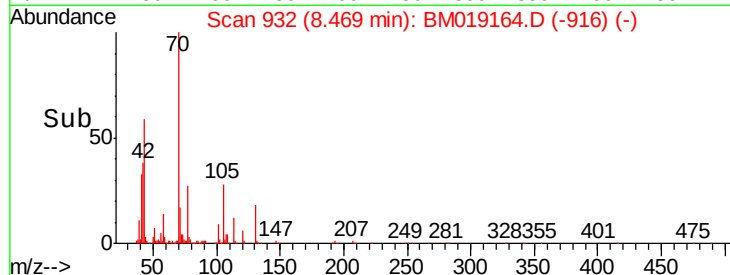
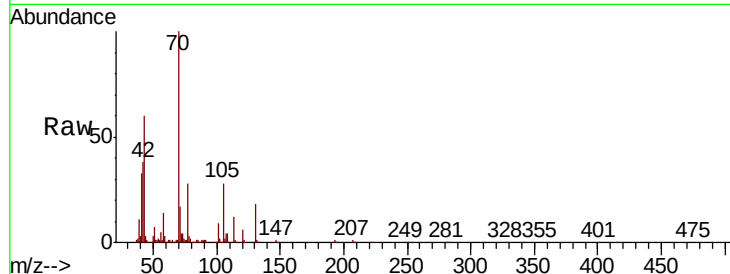
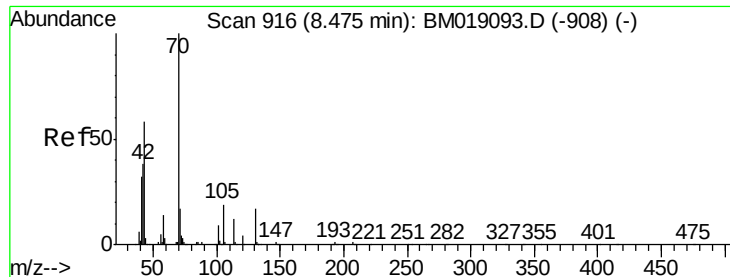
Sohil
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#18
Hexachloroethane
Concen: 36.002 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.2	
201	101.2	75.2	112.8	





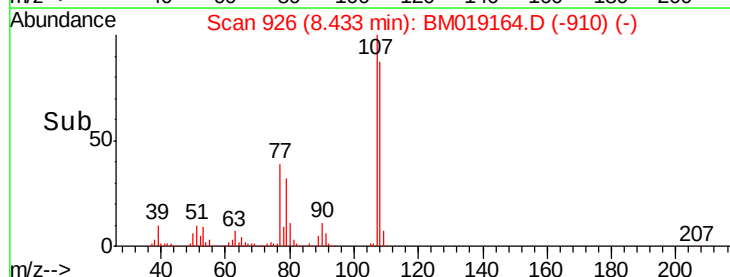
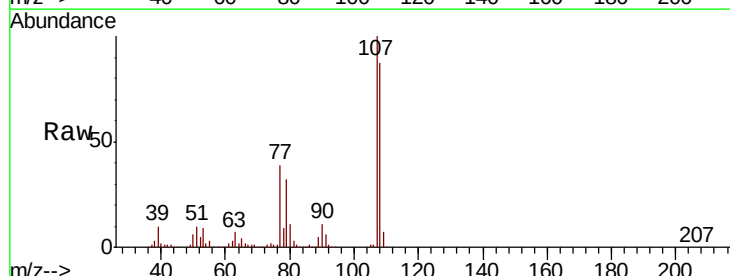
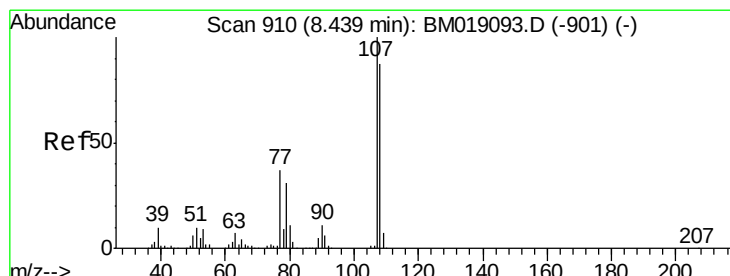
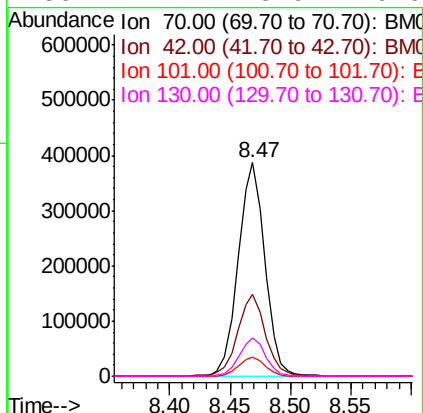
#19
n-Nitroso-di-n-propylamine
Concen: 39.103 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.2	30.6	45.8	
101	8.7	6.8	10.2	
130	17.7	13.9	20.9	

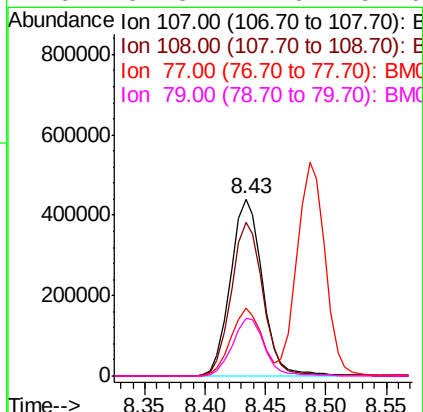
Manual Integrations
APPROVED

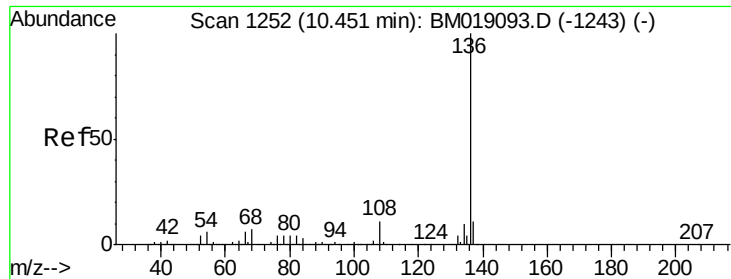
Sohil
3/15/2019 5:51:06 PM



#20
3+4-Methylphenols
Concen: 45.849 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	67.0	107.0	
77	38.6	17.3	57.3	
79	32.3	11.6	51.6	





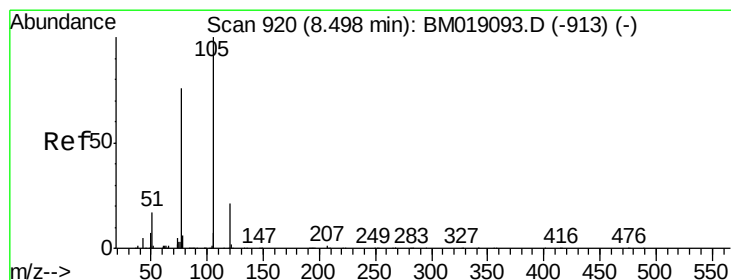
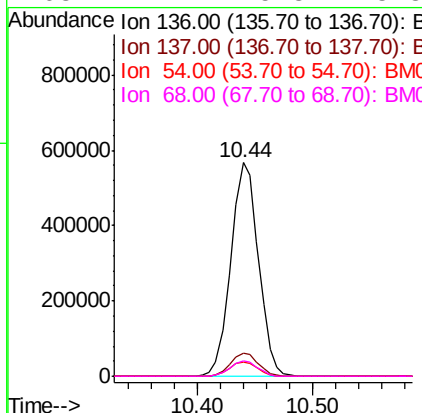
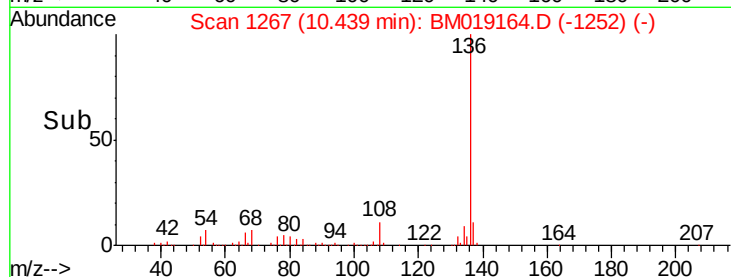
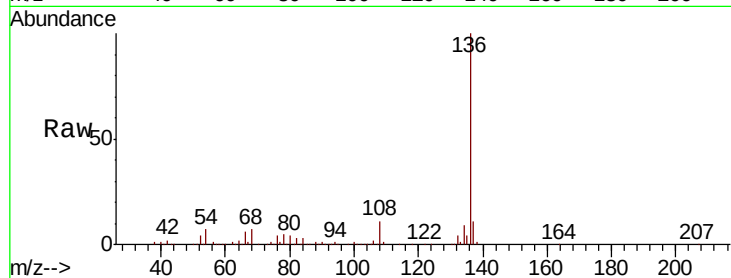
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.6	13.0	
54	6.8	5.2	7.8	
68	7.1	5.8	8.8	

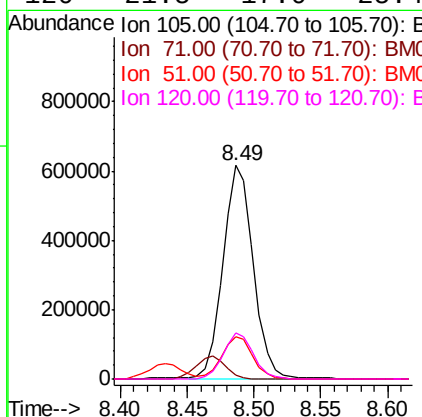
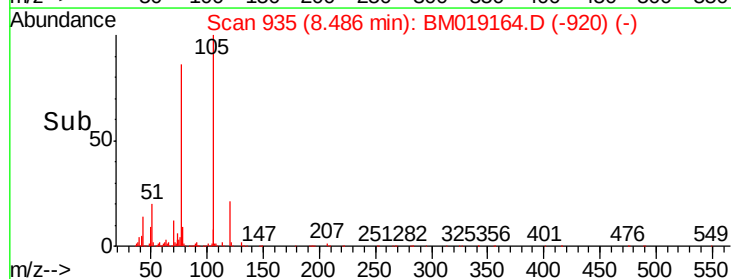
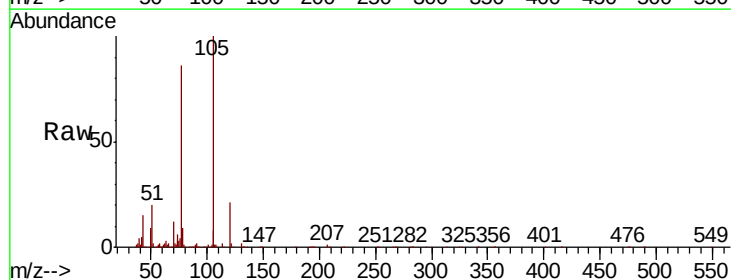
Manual Integrations
APPROVED

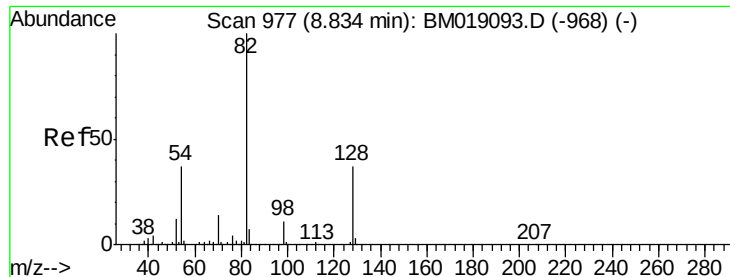
Sohil
3/15/2019 5:51:06 PM



#22
Acetophenone
Concen: 37.530 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	0.8	1.2#	
51	20.1	15.8	23.6	
120	21.5	17.0	25.4	





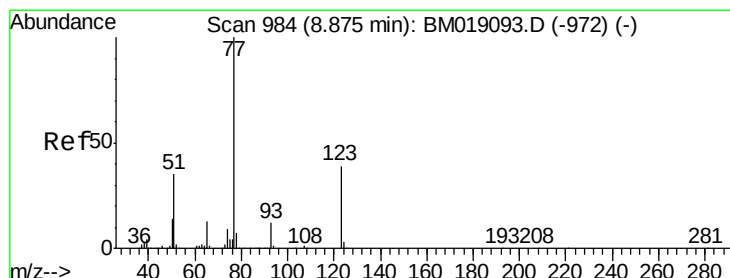
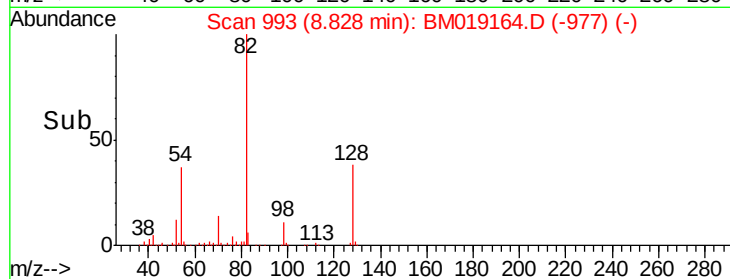
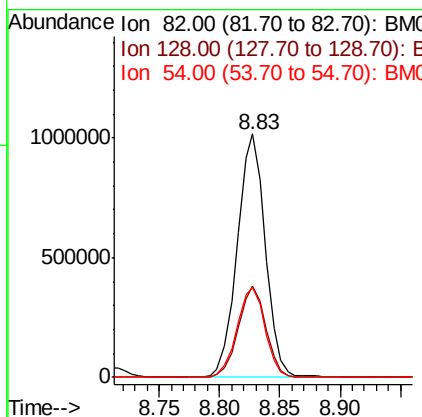
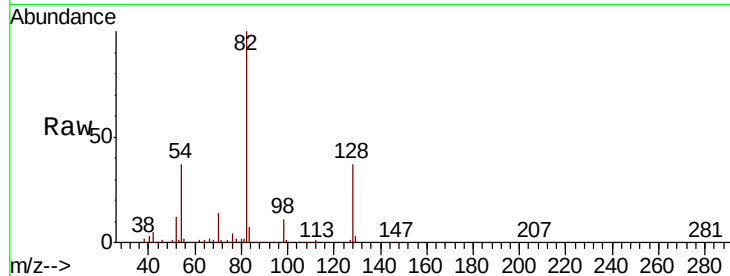
#23
Nitrobenzene-d5
Concen: 83.171 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	36.7	29.9	44.9

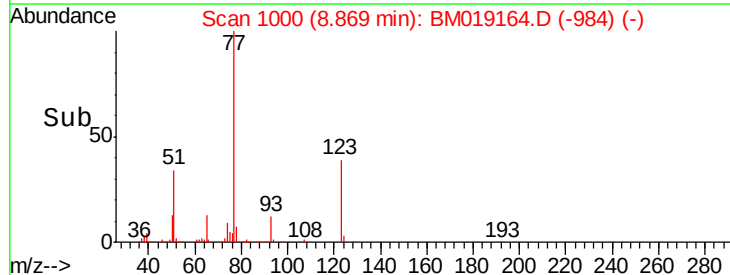
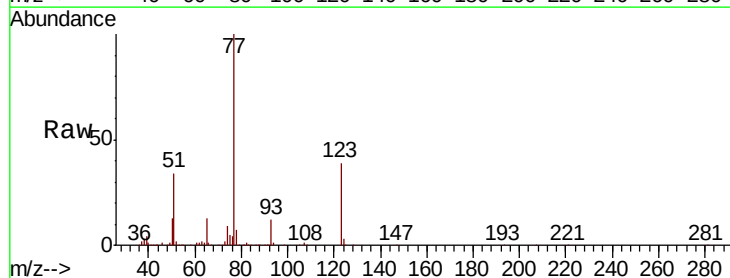
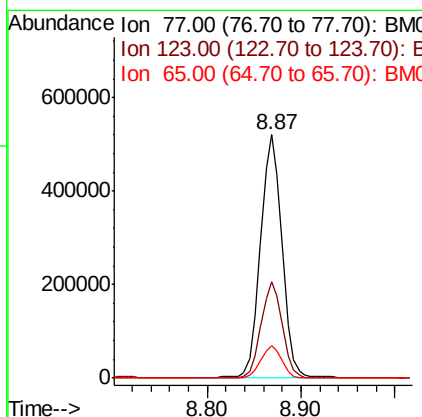
Manual Integrations
APPROVED

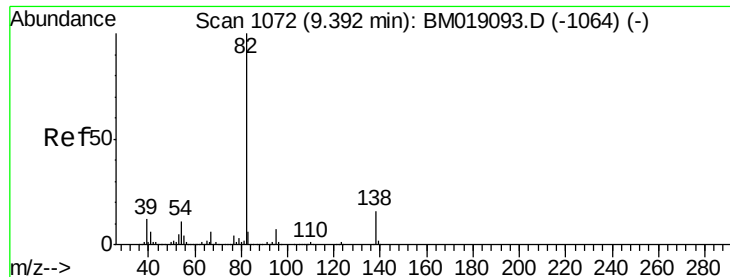
Sohil
3/15/2019 5:51:06 PM



#24
Nitrobenzene
Concen: 40.002 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	31.3	46.9
65	13.3	10.5	15.7





#25

Isophorone

Concen: 40.728 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion: 82 Resp: 1539821

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

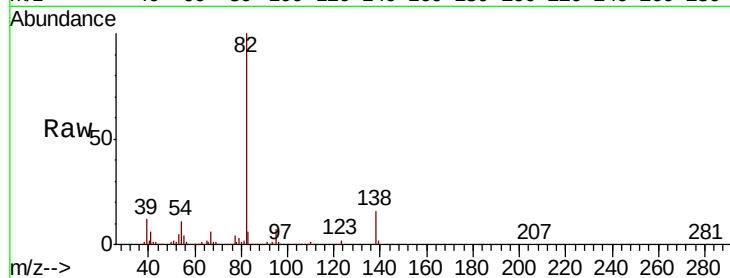
138 16.2 12.6 18.8

Manual Integrations

APPROVED

Sohil

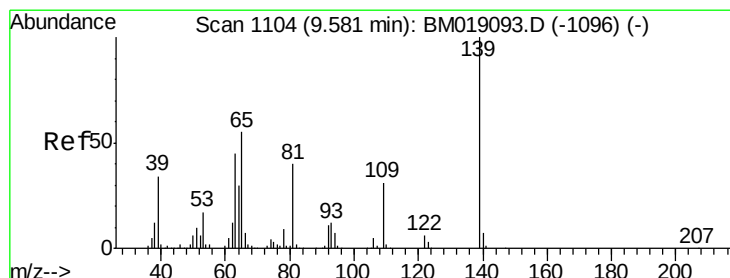
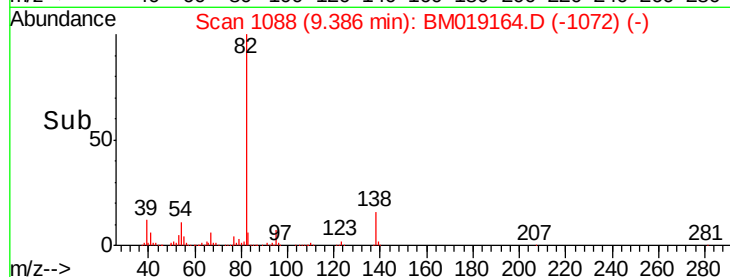
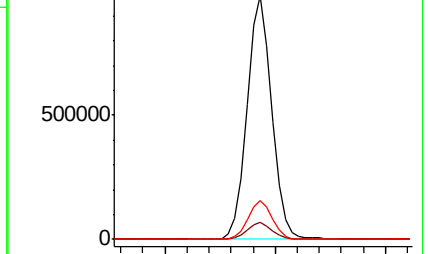
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Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

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

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



#26

2-Nitrophenol

Concen: 41.829 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

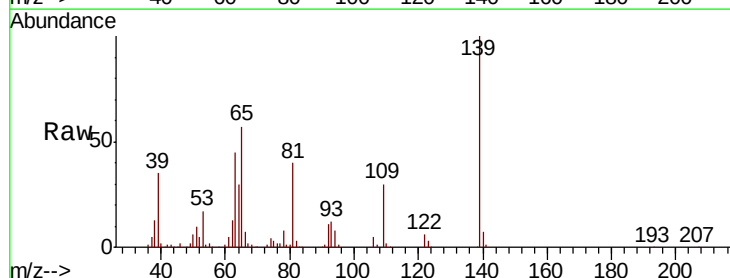
Tgt Ion: 139 Resp: 357284

Ion Ratio Lower Upper

139 100

109 30.3 24.5 36.7

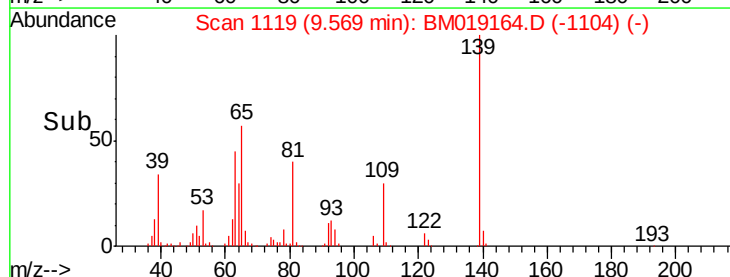
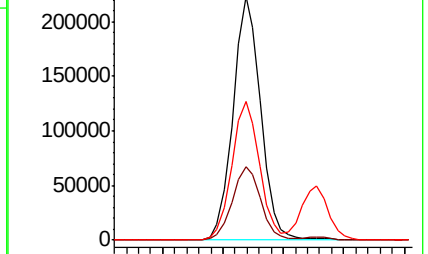
65 56.9 44.4 66.6

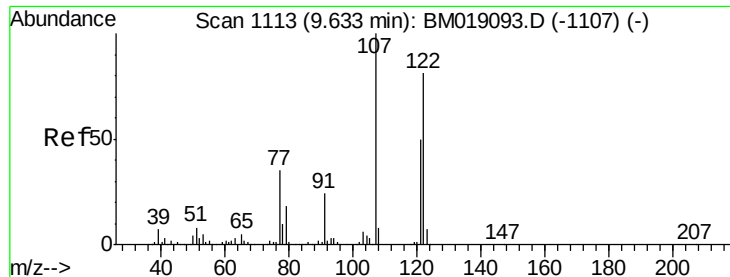


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

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

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





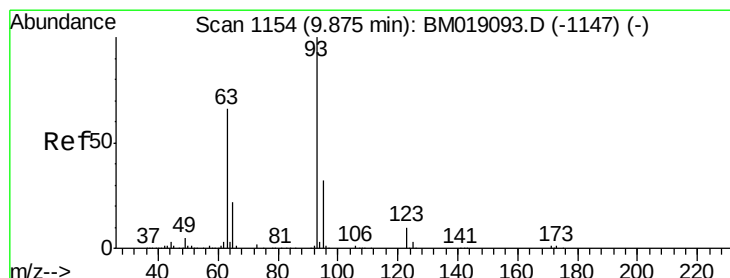
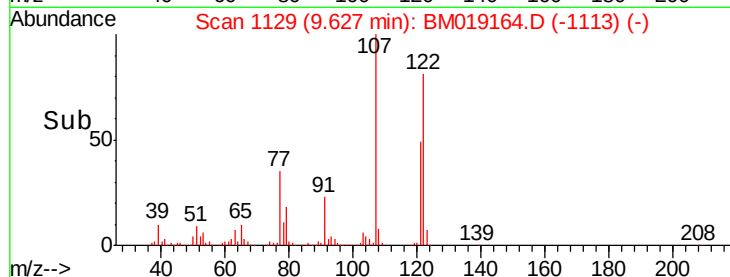
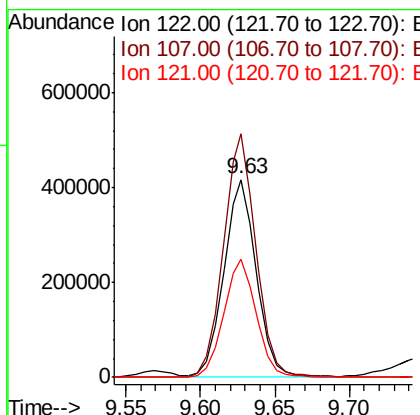
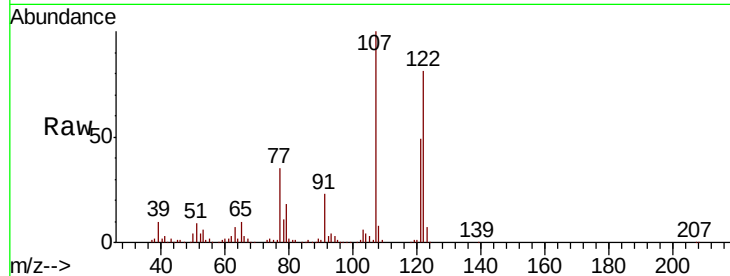
#27
 2,4-Dimethylphenol
 Concen: 49.344 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	626590		
107	123.2	98.2	147.4	
121	60.0	48.8	73.2	

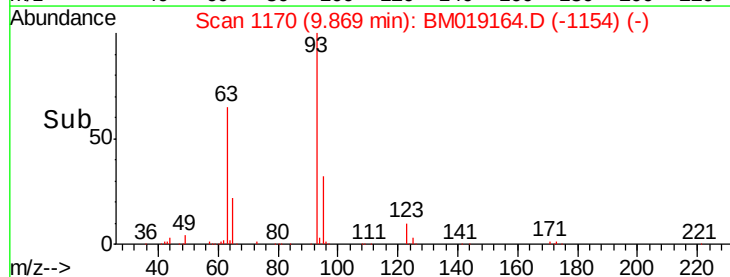
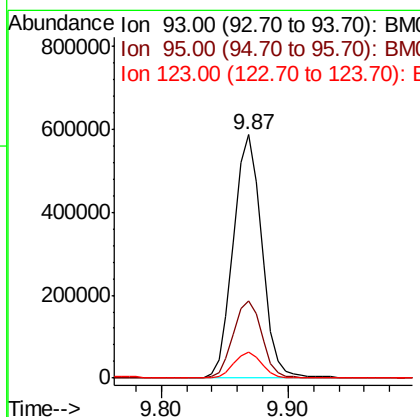
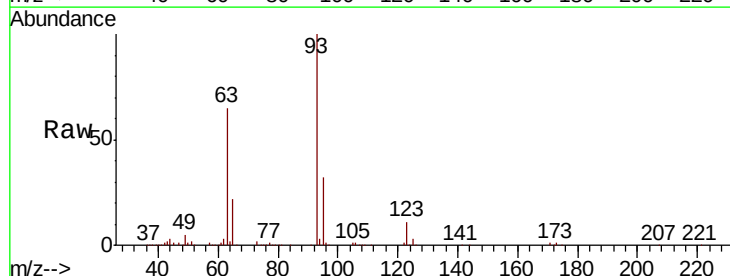
Manual Integrations
 APPROVED

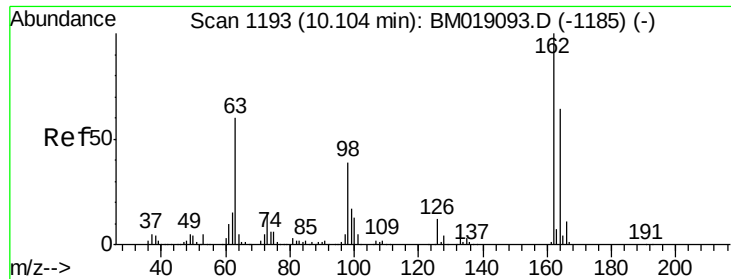
Sohil
 3/15/2019 5:51:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.788 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	913100		
95	32.0	25.8	38.8	
123	10.6	7.9	11.9	





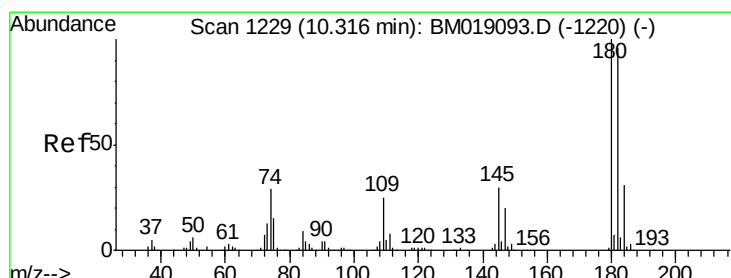
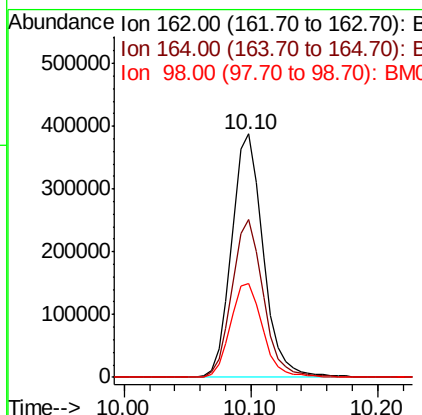
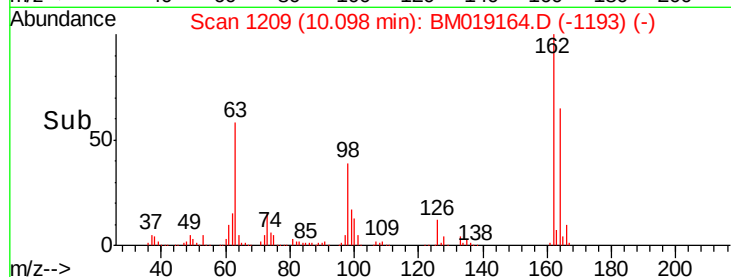
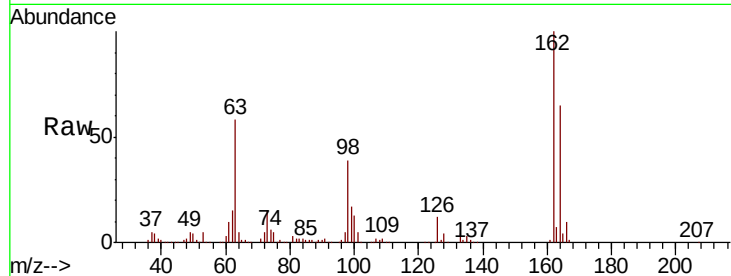
#29
2,4-Dichlorophenol
Concen: 47.411 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	666773		
164	65.1	43.5	83.5	
98	38.8	19.1	59.1	

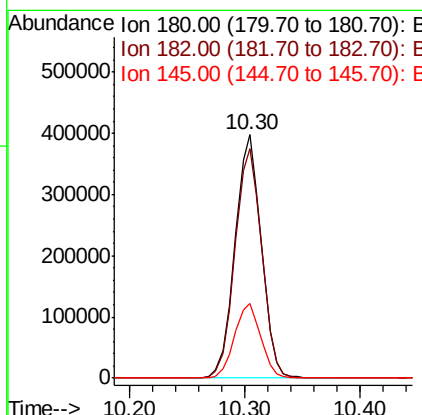
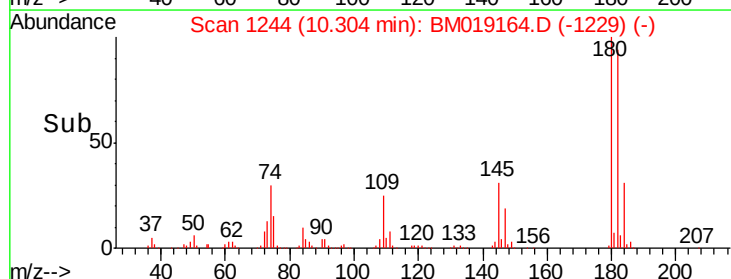
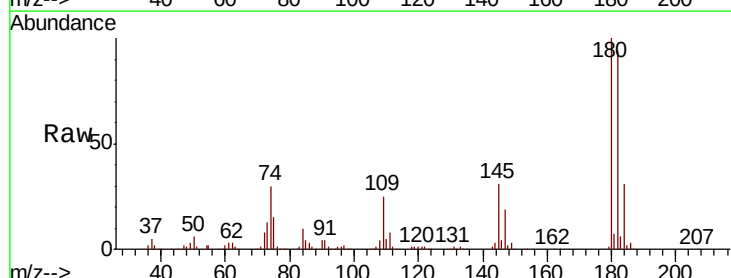
Manual Integrations
APPROVED

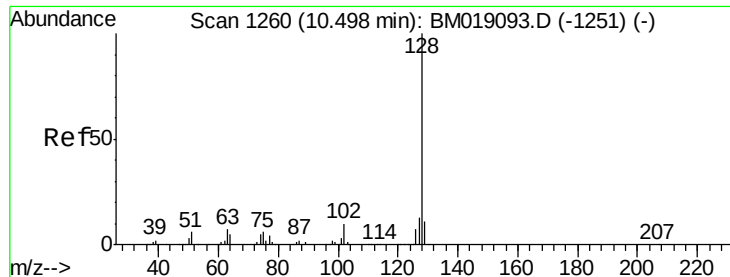
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.440 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	625440		
182	94.2	76.6	114.8	
145	30.8	24.3	36.5	





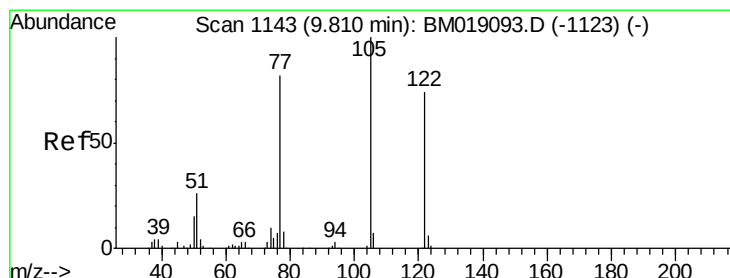
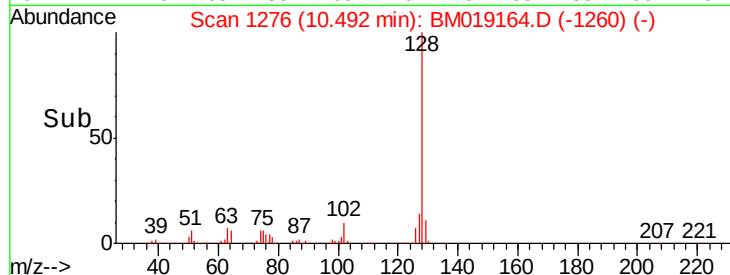
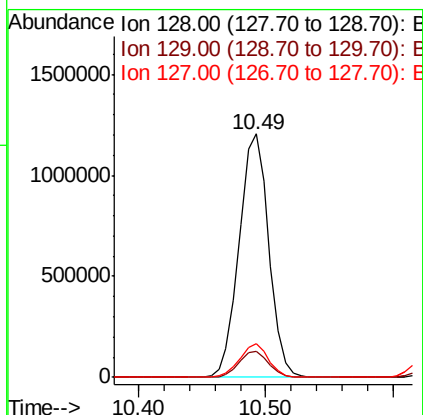
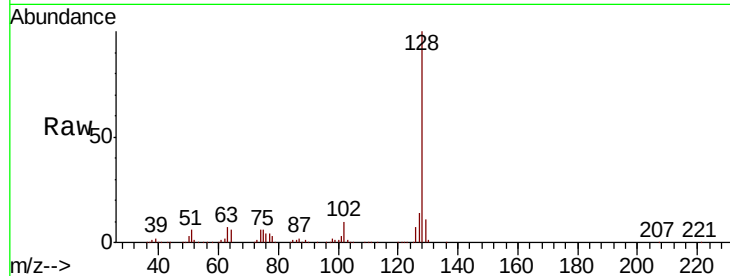
#31
Naphthalene
Concen: 39.484 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.7	10.4	15.6

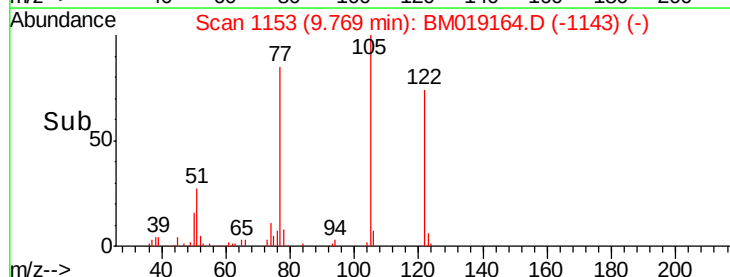
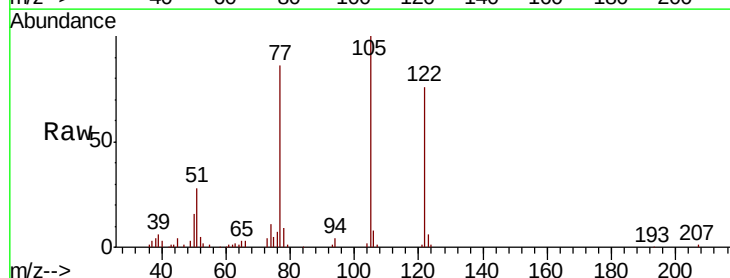
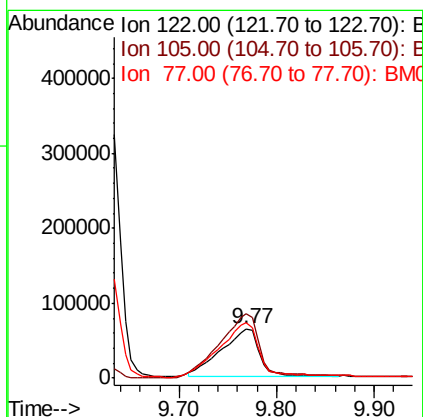
Manual Integrations
APPROVED

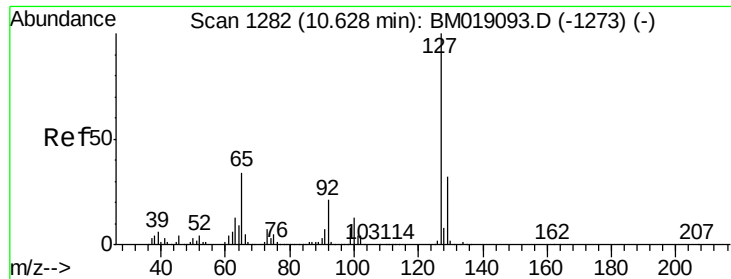
Sohil
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#32
Benzoic acid
Concen: 15.816 ng
RT: 9.77 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	113.0	153.0
77	112.9	90.1	130.1





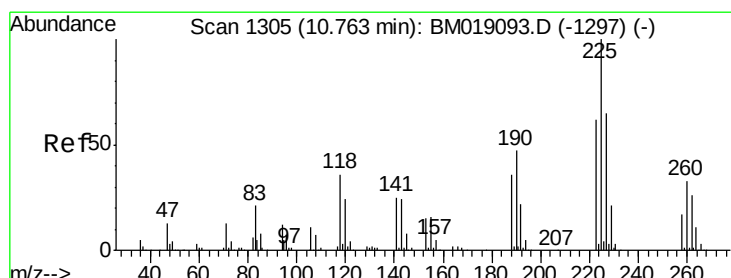
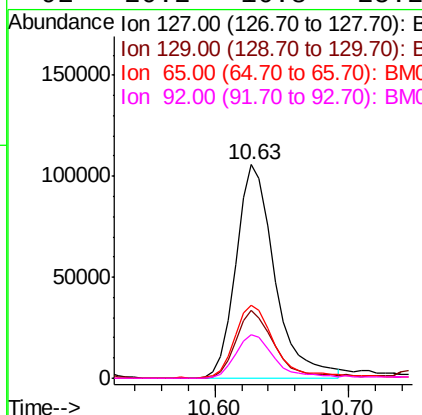
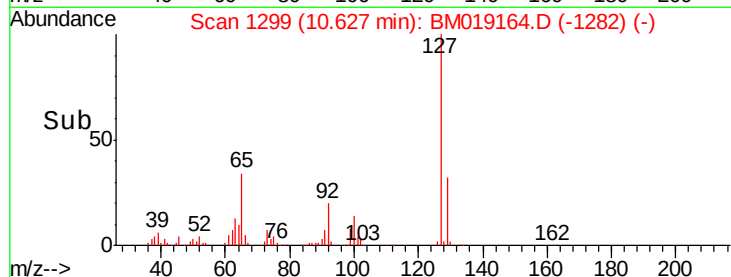
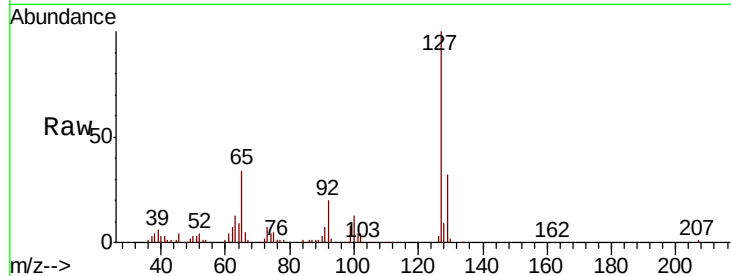
#33
4-Chloroaniline
Concen: 10.523 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.3	37.9		
65	34.1	27.4	41.2		
92	20.2	16.8	25.2		

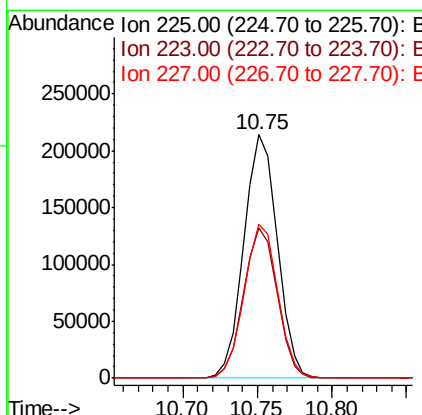
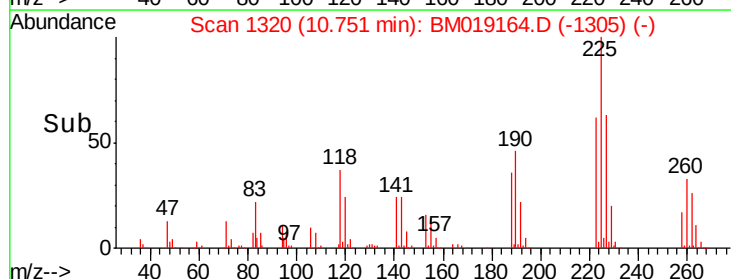
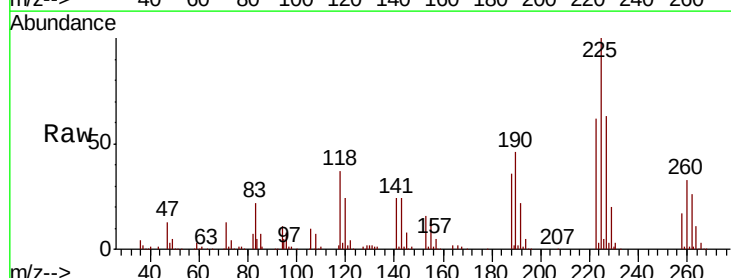
Manual Integrations
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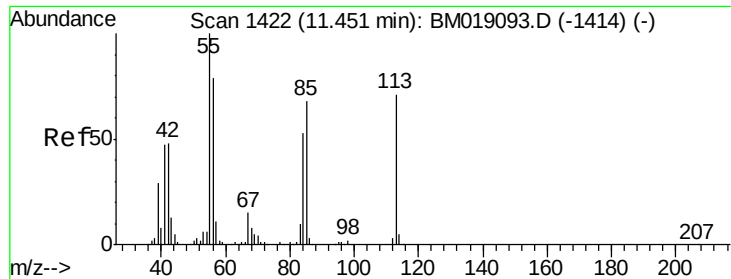
Sohil
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#34
Hexachlorobutadiene
Concen: 36.470 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.4	74.0		
227	63.1	51.6	77.4		





#35

Caprolactam

Concen: 45.671 ng/ml

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

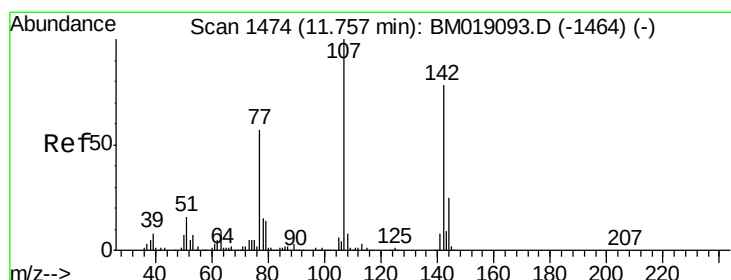
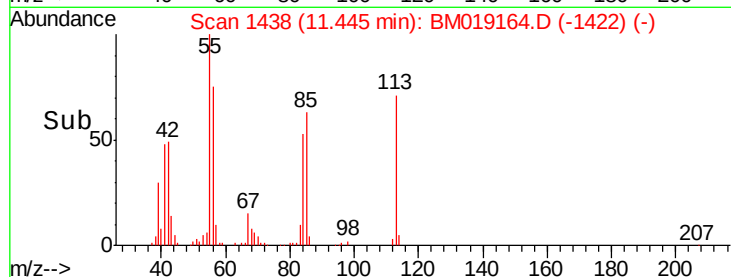
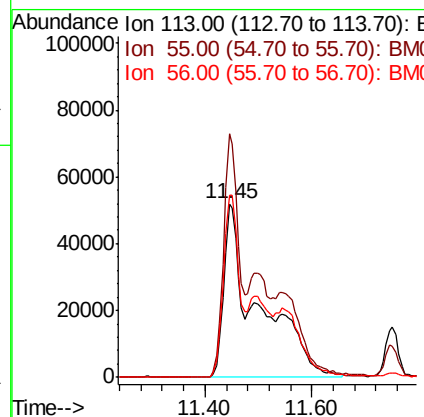
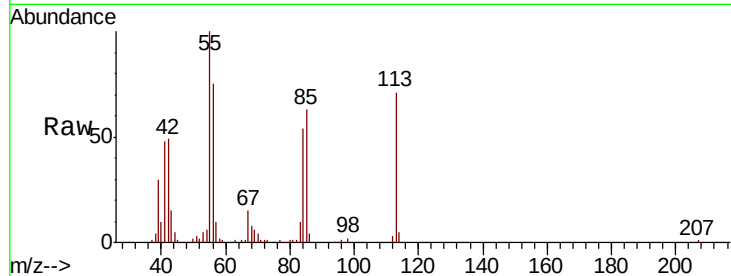
ClientSampled :

TP-24MS

Tot Ion:	113	Resp:	228802
Ion Ratio	Lower	Upper	
113	100		
55	140.3	120.1	160.1
56	105.2	90.1	130.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.524 ng/ml

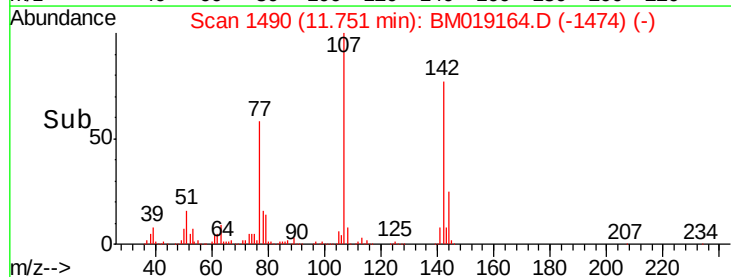
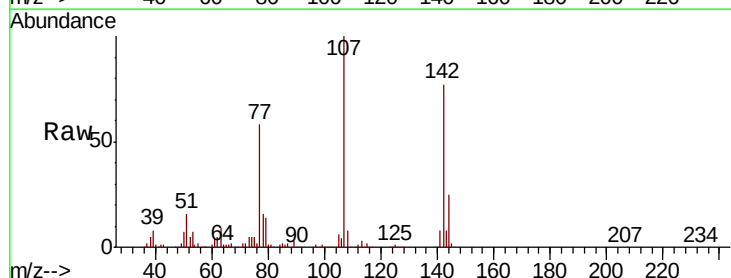
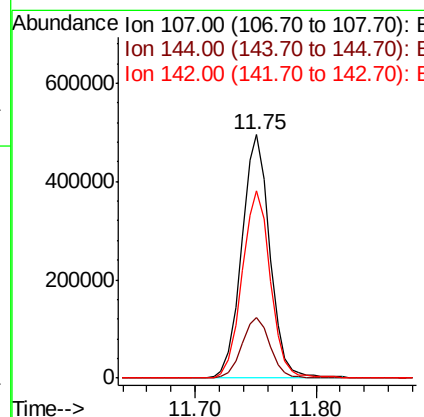
RT: 11.75 min Scan# 1490

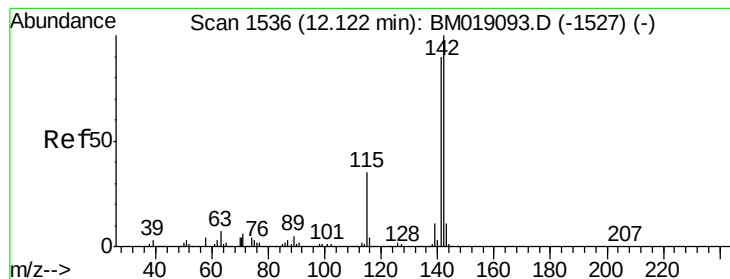
Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	107	Resp:	807330
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.2	30.4
142	77.1	62.4	93.6





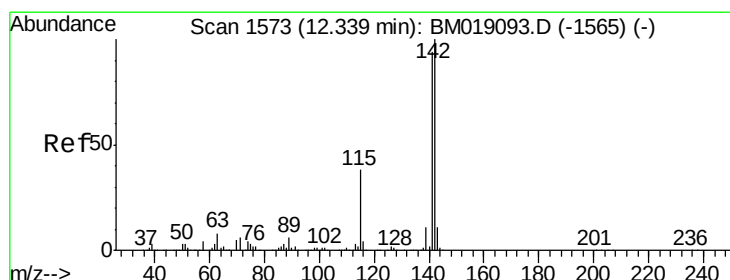
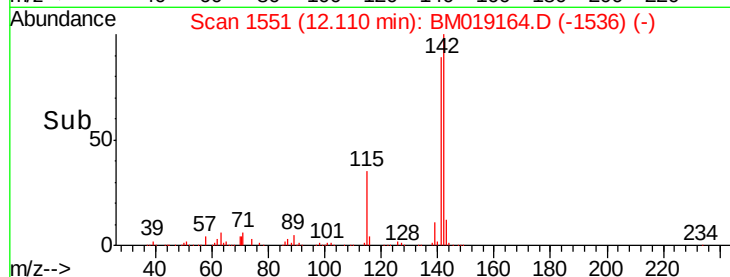
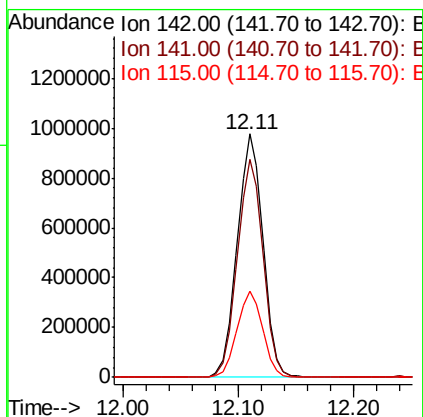
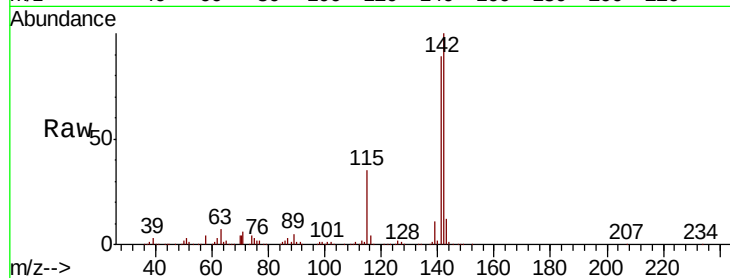
#37
 2-Methylnaphthalene
 Concen: 41.996 ng
 RT: 12.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	35.3	27.8	41.8

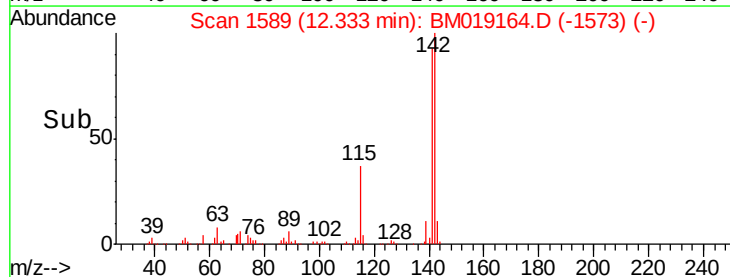
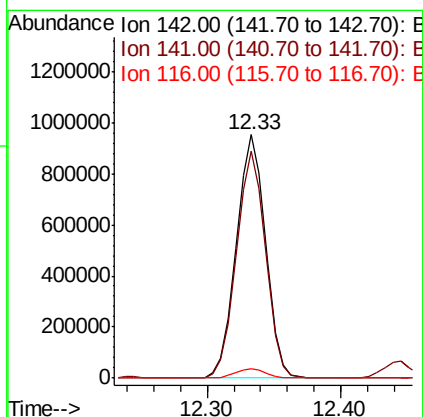
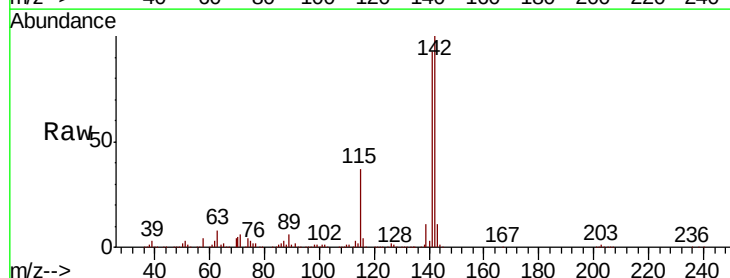
Manual Integrations
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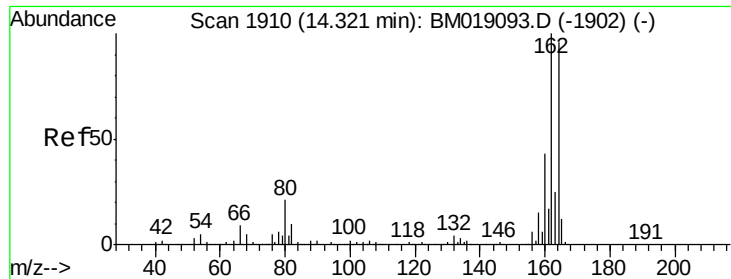
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#38
 1-Methylnaphthalene
 Concen: 40.698 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	4.0	3.2	4.8





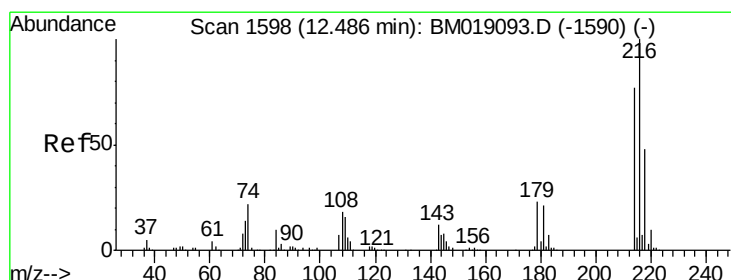
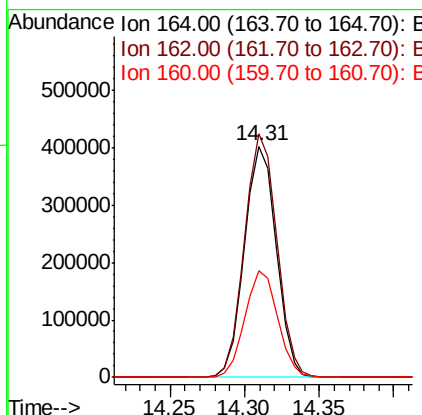
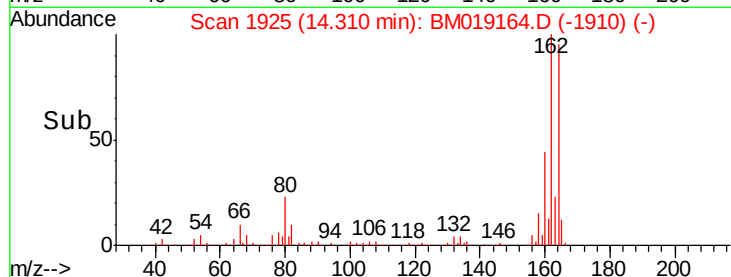
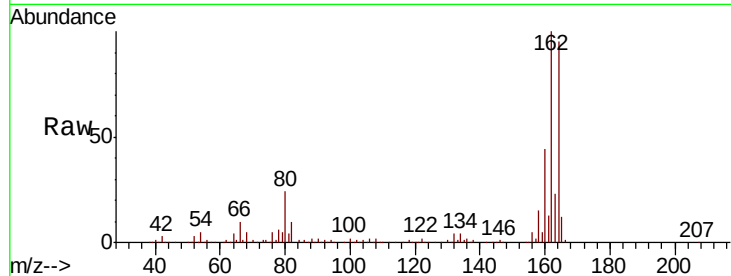
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	83.5	125.3	
160	46.2	36.3	54.5	

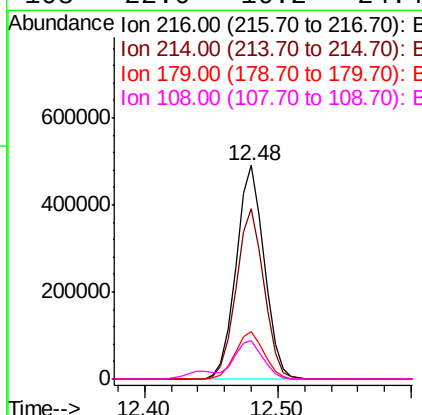
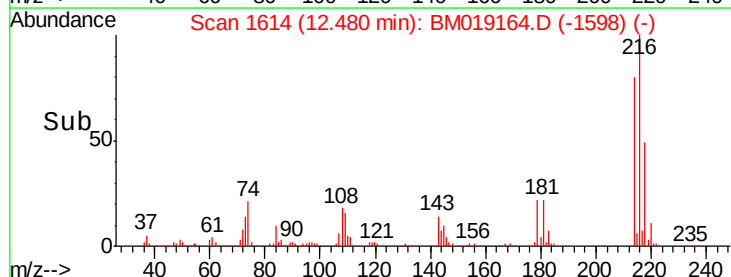
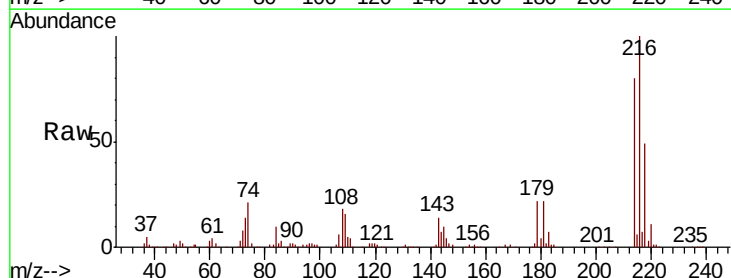
Manual Integrations
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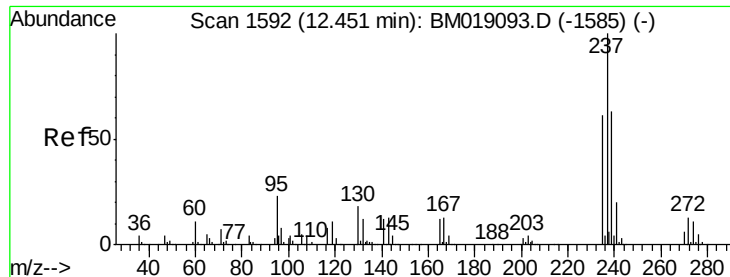
Sohil
3/15/2019 5:51:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.980 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	62.9	94.3	
179	22.7	18.0	27.0	
108	22.0	16.2	24.4	





#41

Hexachlorocyclopentadiene

Concen: 88.600 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

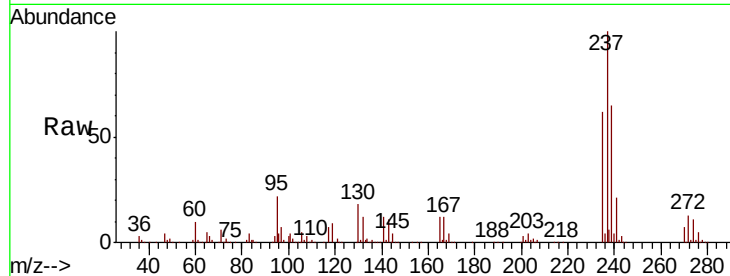
ClientSampled :

TP-24MS

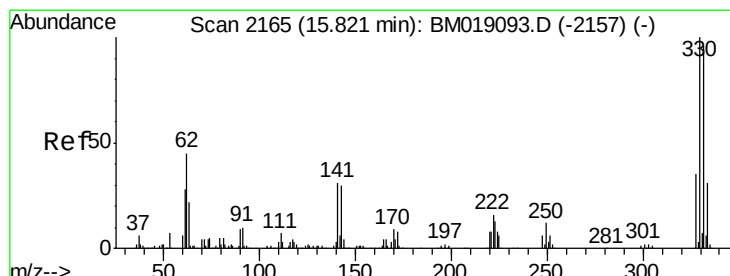
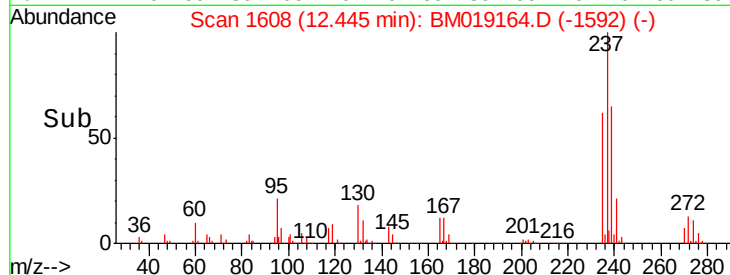
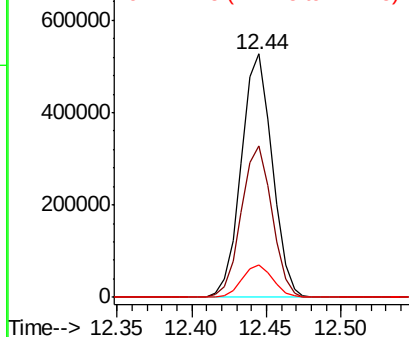
Tot Ion:	237	Resp:	755604
Ion Ratio	Lower	Upper	
237	100		
235	62.2	41.3	81.3
272	13.3	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 142.023 ng

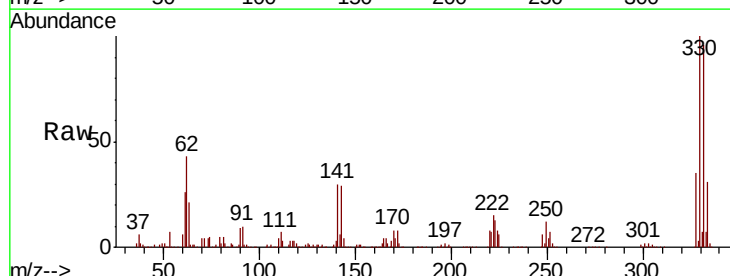
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

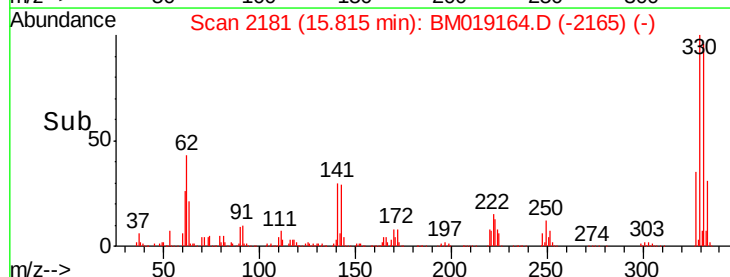
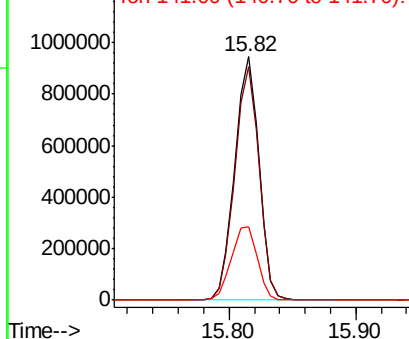
Lab File: BM019164.D

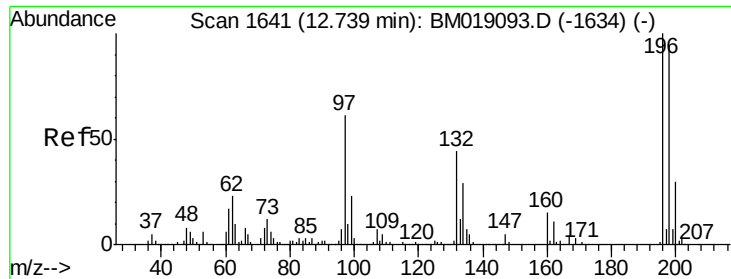
Acq: 14 Mar 2019 12:01

Tgt Ion:	330	Resp:	1248098
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	32.6	27.0	40.4



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





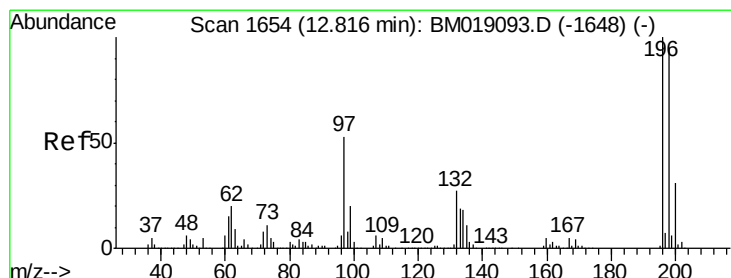
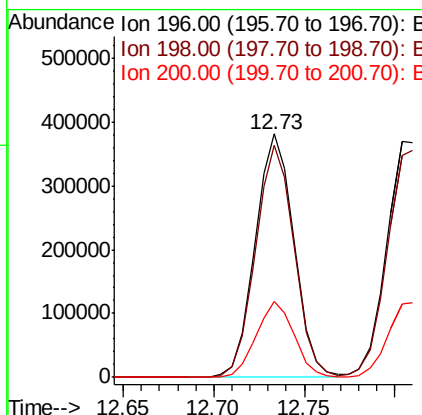
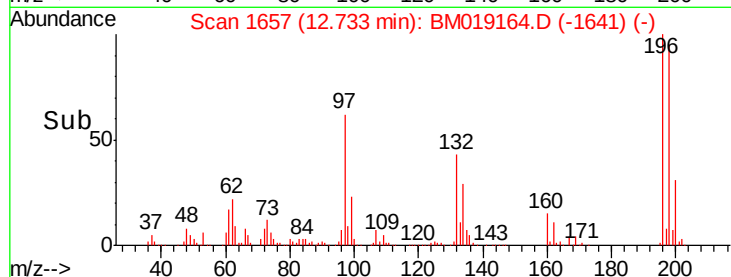
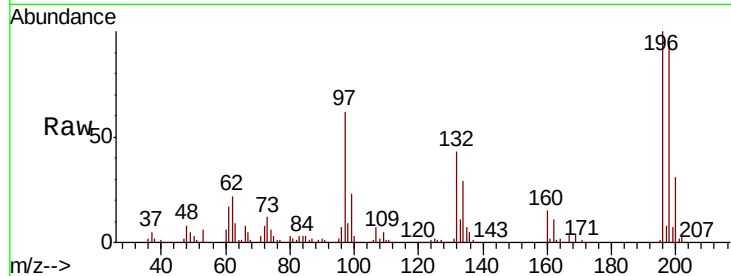
#43
 2,4,6-Trichlorophenol
 Concen: 46.406 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	564638		
198	95.2	75.4	113.0	
200	31.1	24.2	36.2	

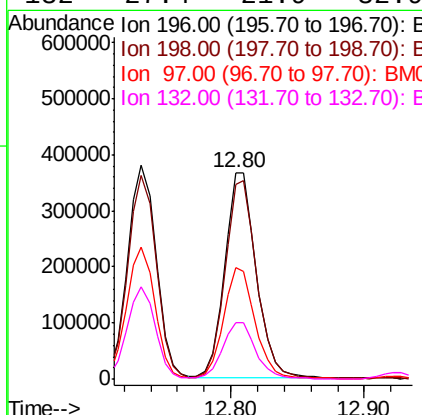
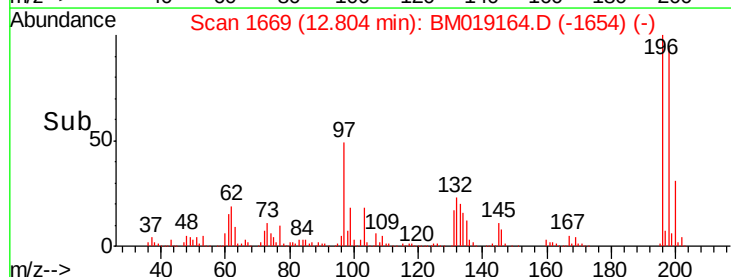
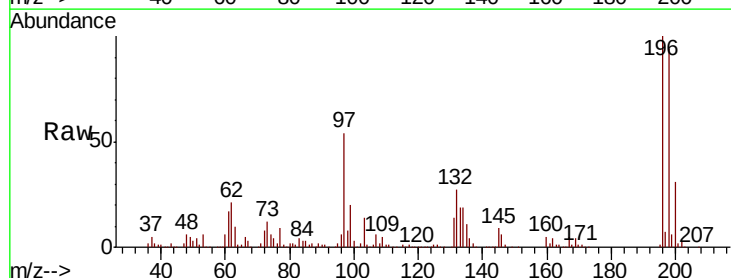
Manual Integrations
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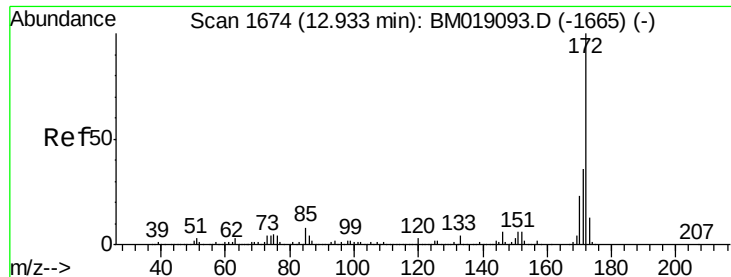
Sohil
 3/15/2019 5:51:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.395 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	603646		
198	94.4	75.9	113.9	
97	53.9	42.5	63.7	
132	27.4	21.9	32.9	





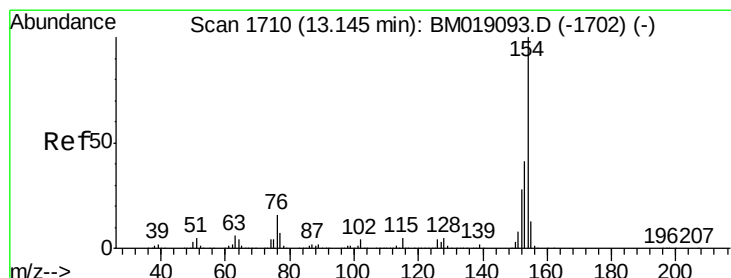
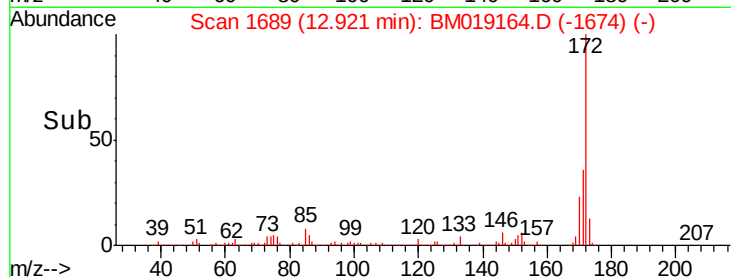
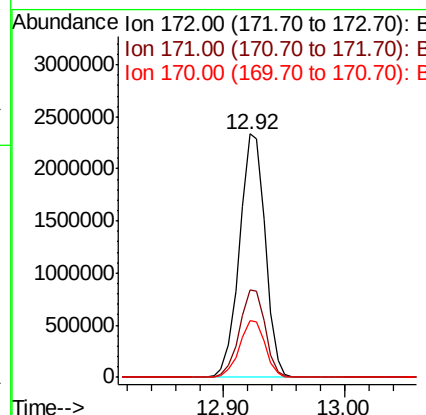
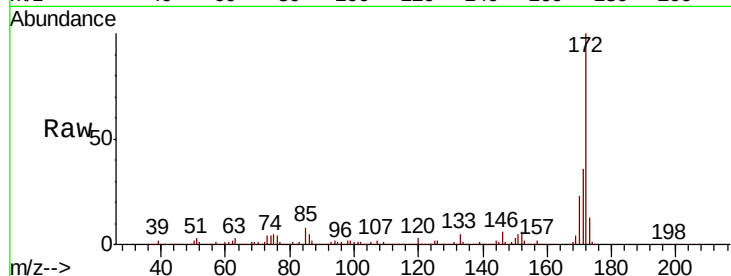
#45
2-Fluorobiphenyl
Concen: 75.795 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.2	18.6	28.0

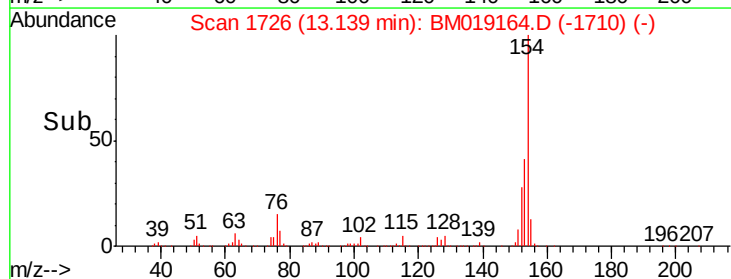
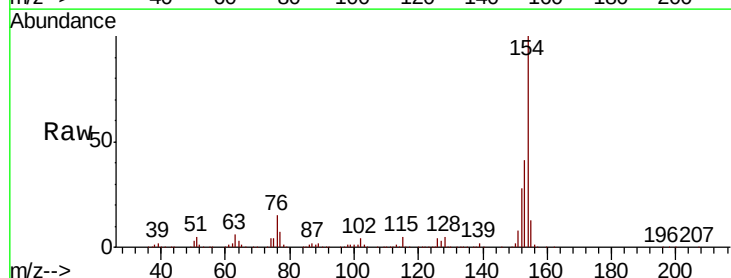
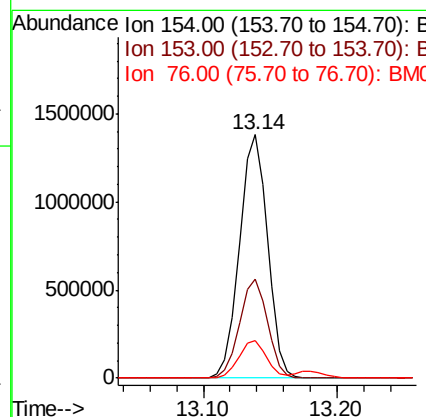
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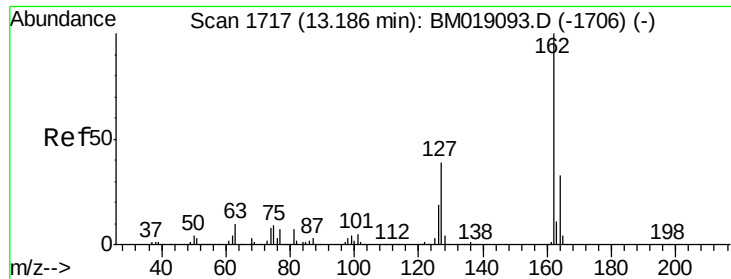
Sohil
3/15/2019 5:51:06 PM



#46
1,1'-Biphenyl
Concen: 38.788 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	15.2	0.0	35.8





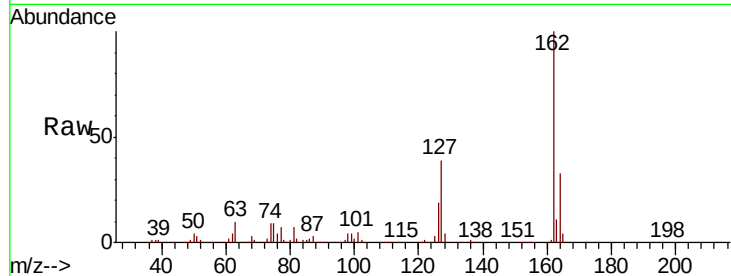
#47
2-Chloronaphthalene
Concen: 40.087 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.2	46.8
164	33.0	26.3	39.5

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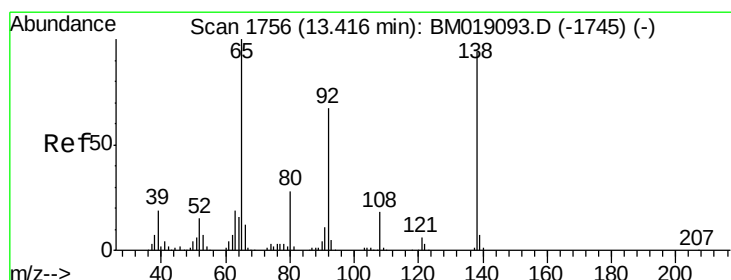
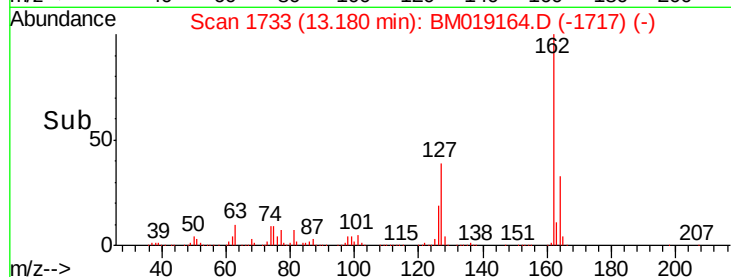
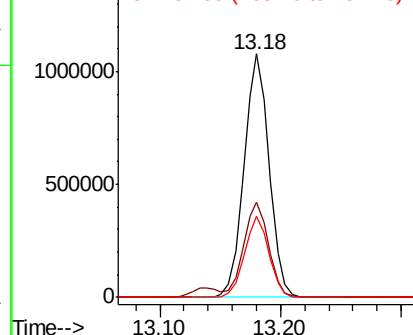


Abundance

Ion 162.00 (161.70 to 162.70): E

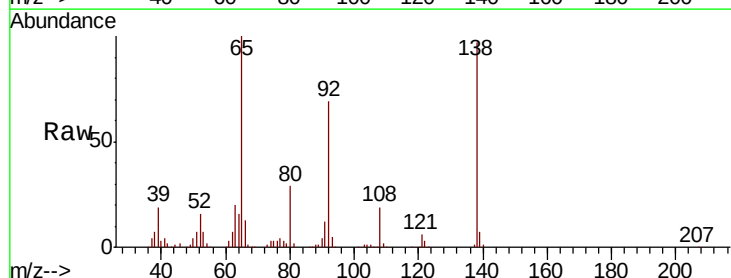
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.249 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.4	80.2
138	97.4	74.9	112.3

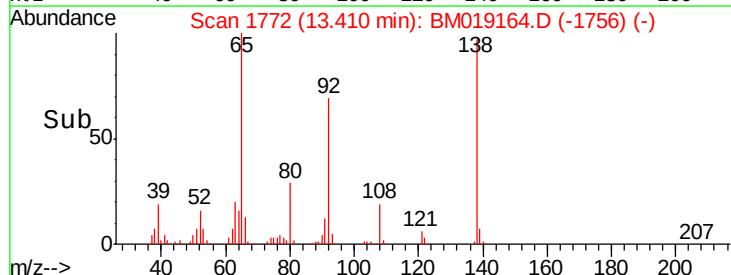
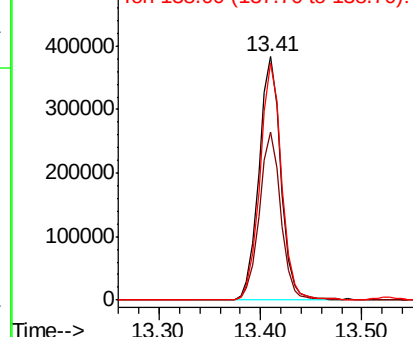


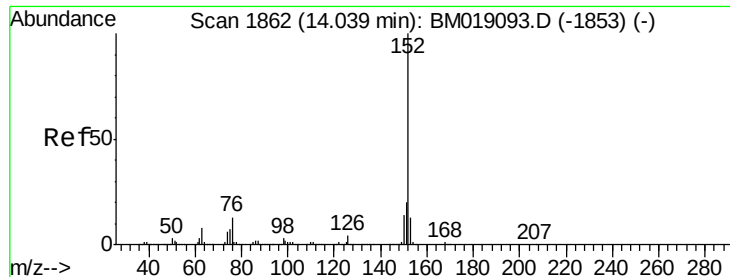
Abundance

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





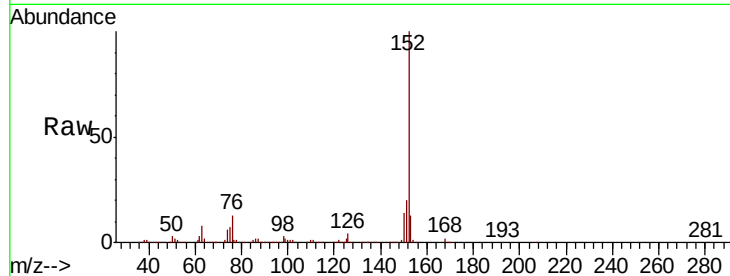
#49
Acenaphthylene
Concen: 39.796 ng
RT: 14.03 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

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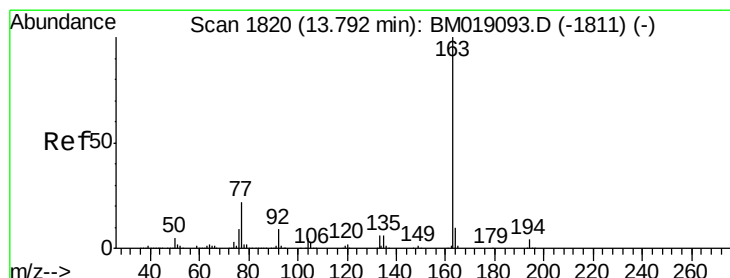
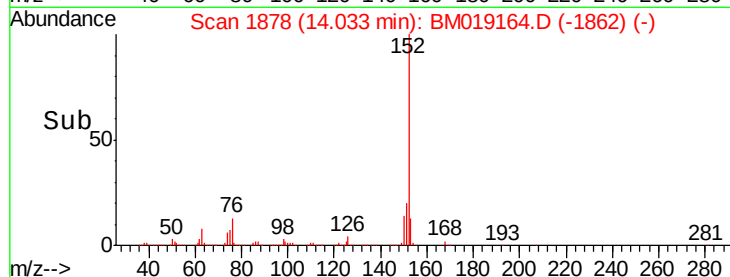
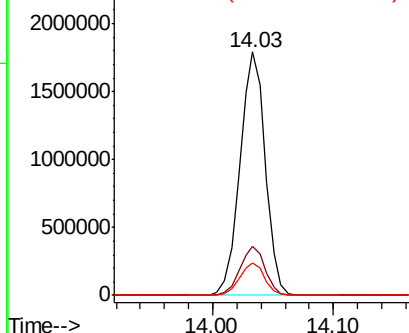


Abundance

Ion 152.00 (151.70 to 152.70): E

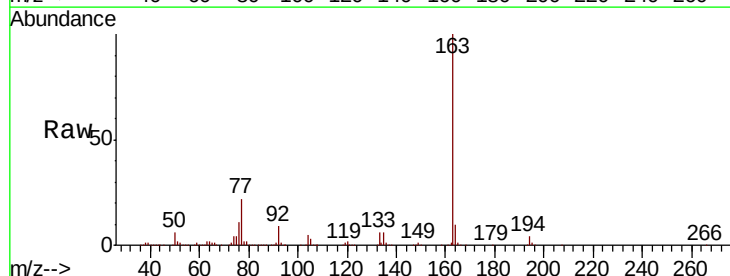
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 50.866 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	7.7	11.5

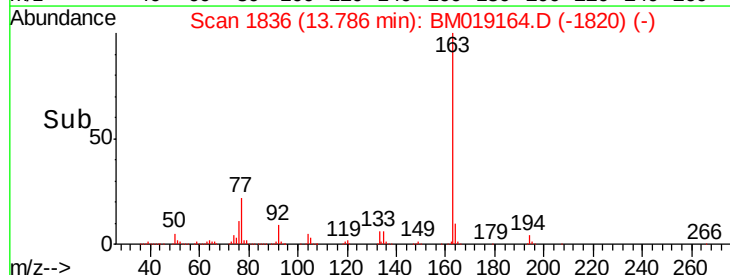
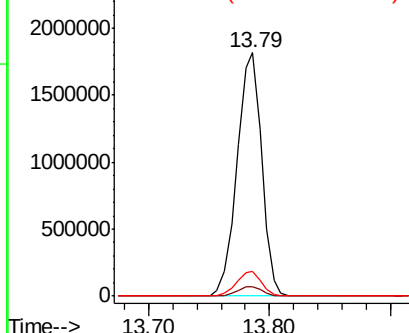


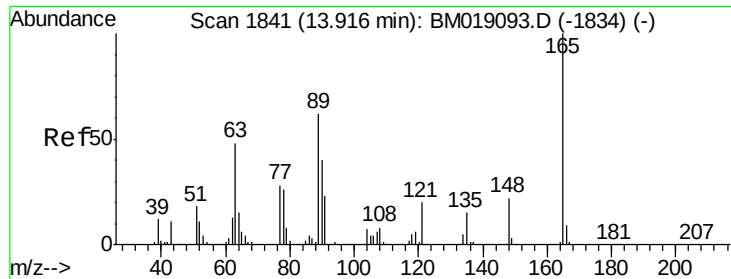
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





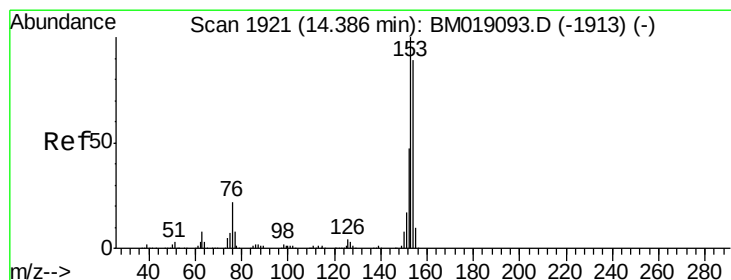
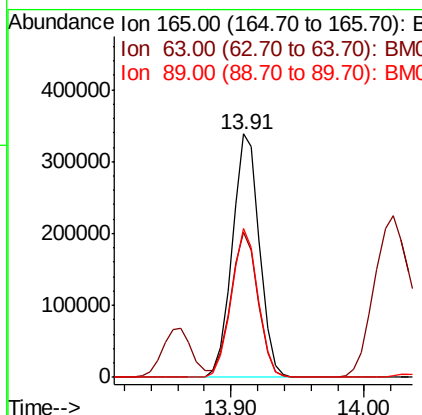
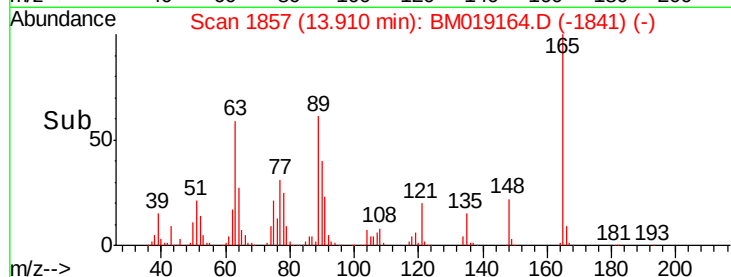
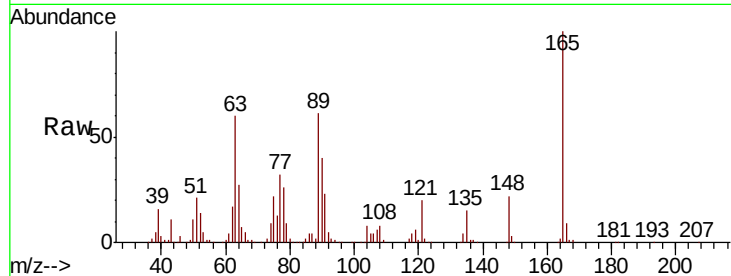
#51
2,6-Dinitrotoluene
Concen: 43.451 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	48.2	72.4
89	61.1	49.3	73.9

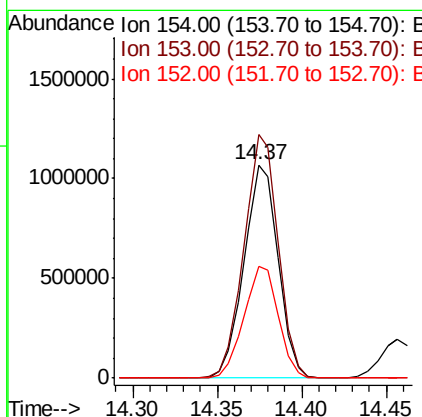
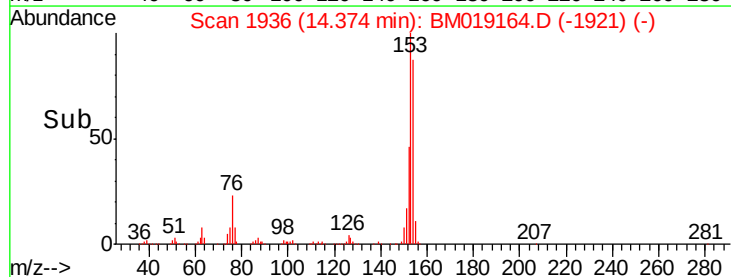
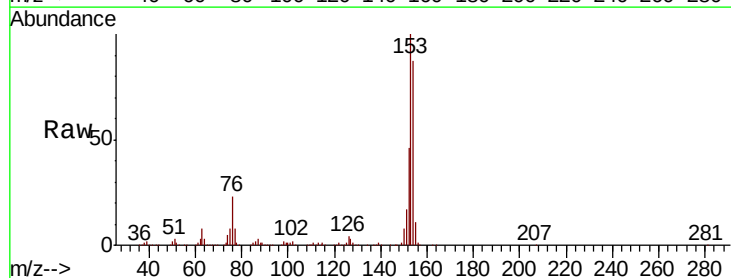
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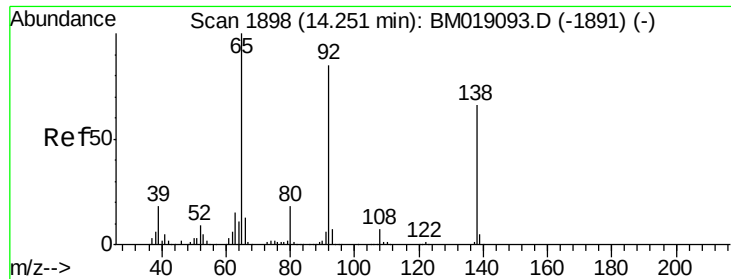
Sohil
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#52
Acenaphthene
Concen: 39.926 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	52.7	42.5	63.7





#53

3-Nitroaniline

Concen: 20.861 ng

RT: 14.24 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

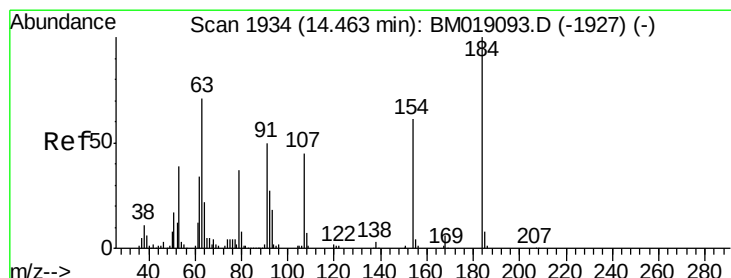
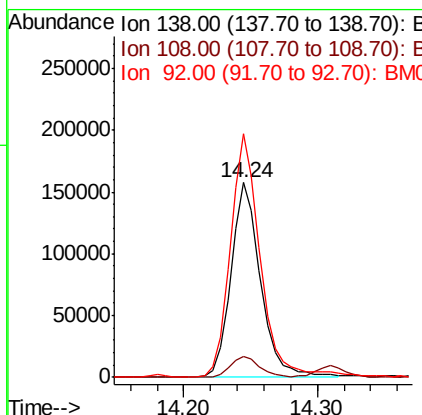
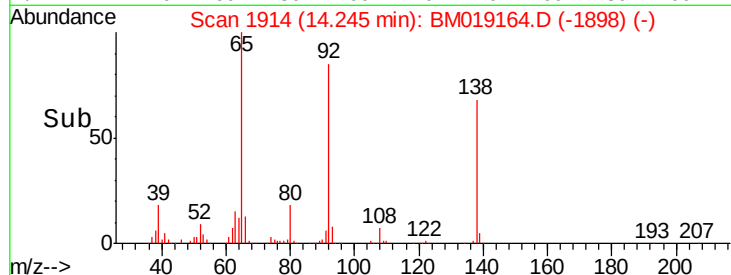
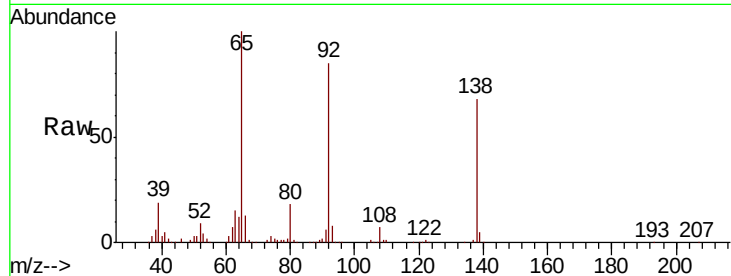
ClientSampled :

TP-24MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.4
92	125.0	102.6	153.8

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 72.625 ng

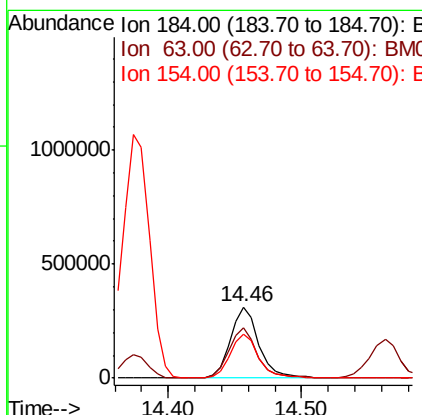
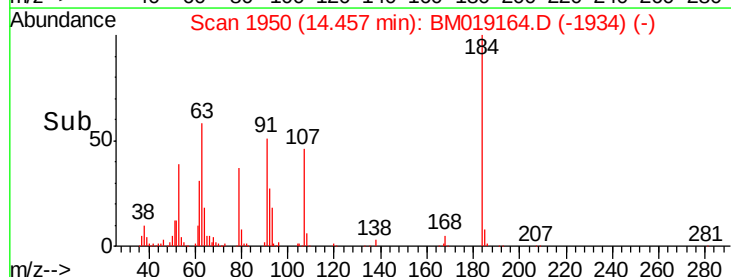
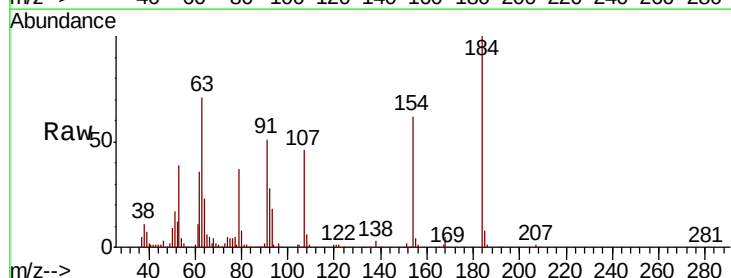
RT: 14.46 min Scan# 1950

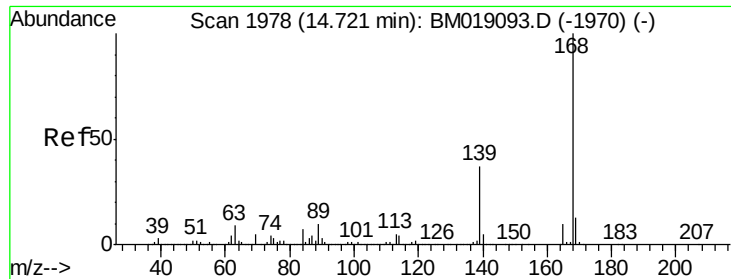
Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	56.7	85.1
154	62.3	49.3	73.9





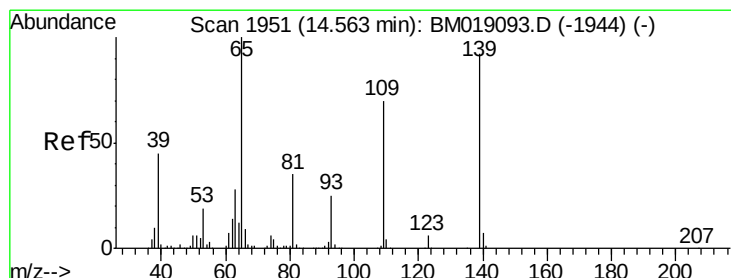
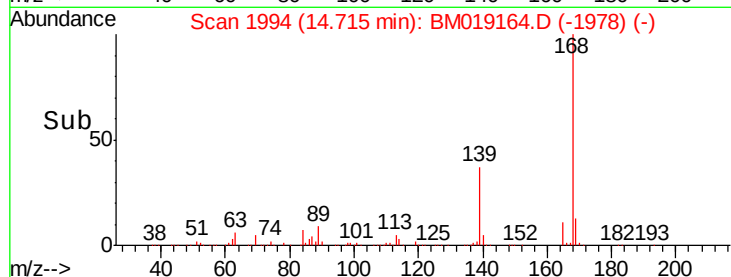
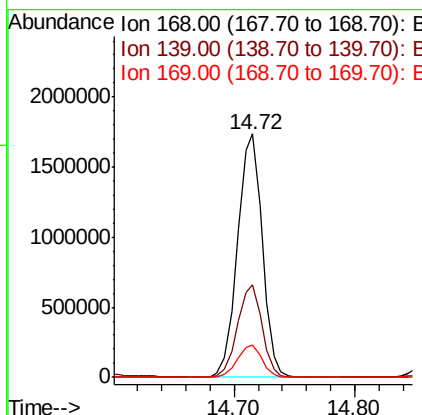
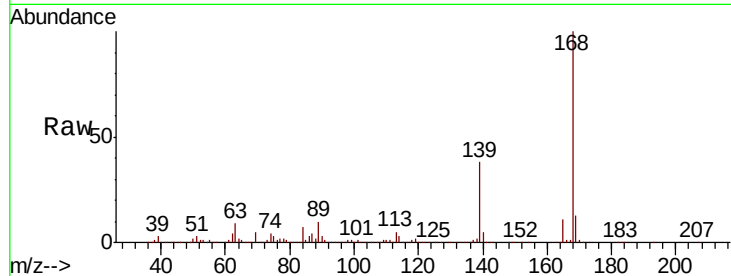
#55
Dibenzenofuran
Concen: 40.725 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.2	10.6	16.0

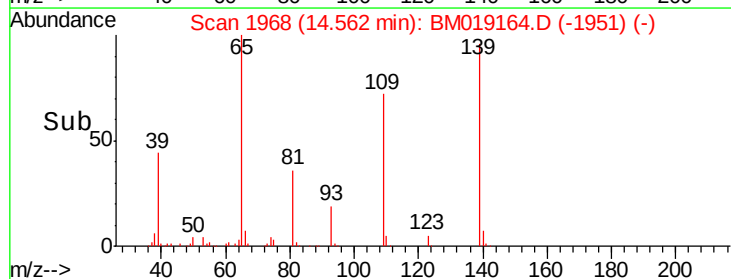
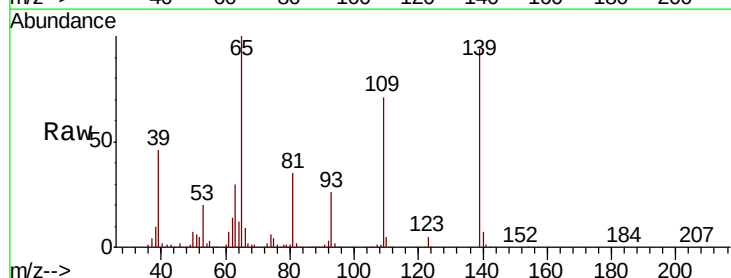
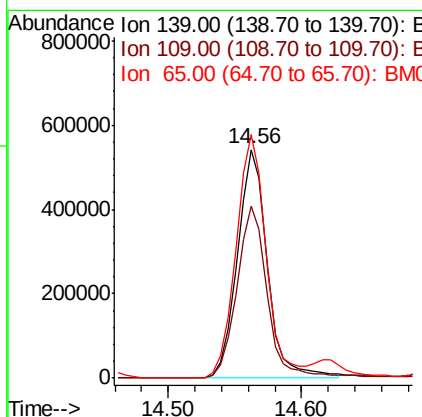
Manual Integrations
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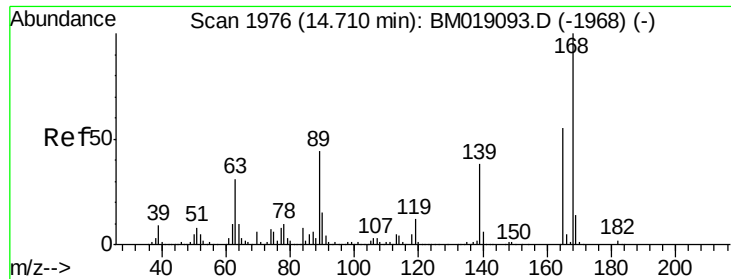
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#56
4-Nitrophenol
Concen: 88.452 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	56.3	96.3
65	106.6	89.2	129.2





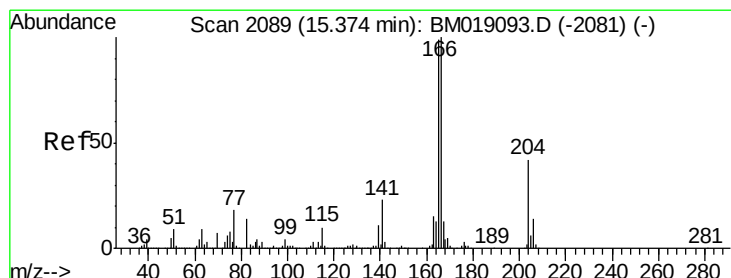
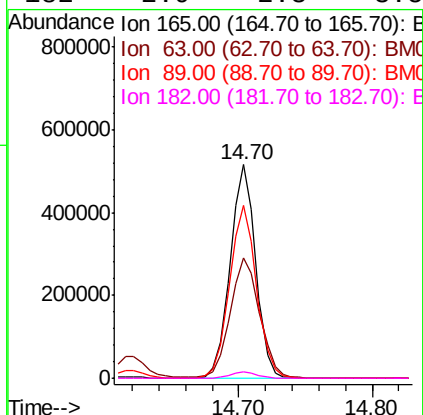
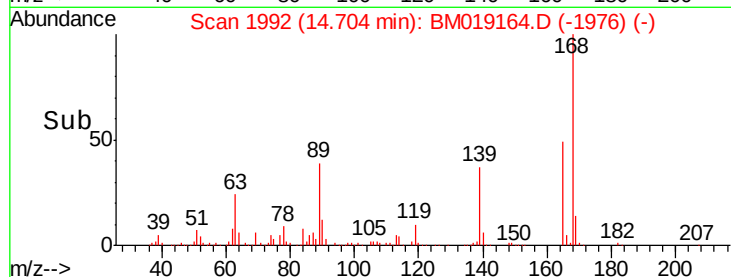
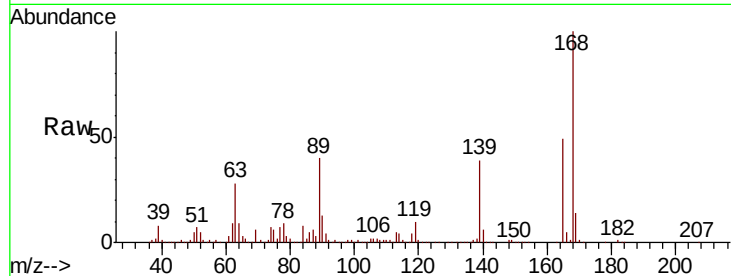
#57
2,4-Dinitrotoluene
Concen: 43.254 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:	165	Resp:	691082
Ion Ratio	Lower	Upper	
165	100		
63	56.4	44.7	67.1
89	81.0	63.4	95.2
182	2.9	2.3	3.5

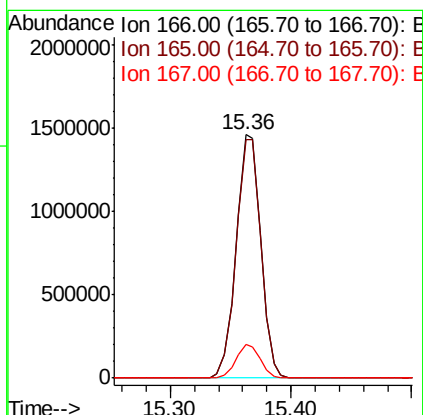
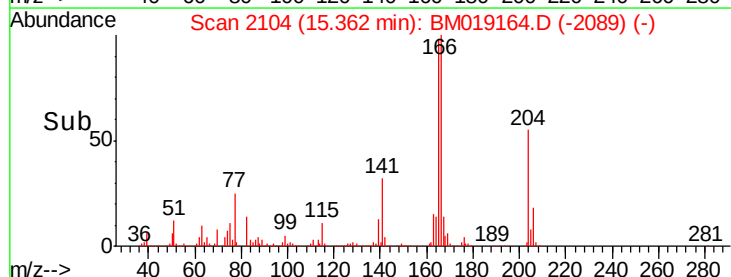
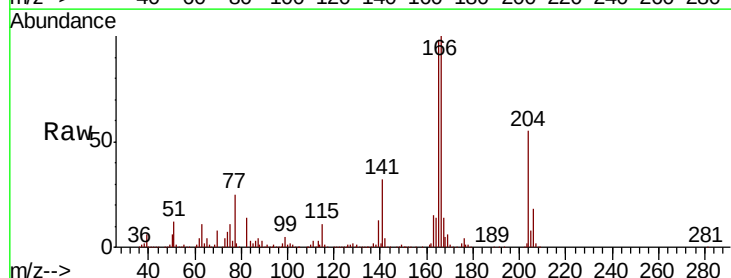
Manual Integrations
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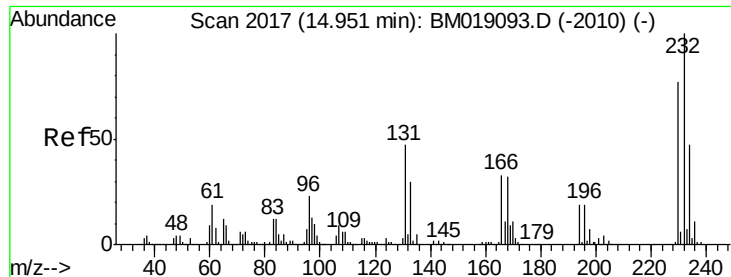
Sohil
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#58
Fluorene
Concen: 41.366 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion:	166	Resp:	2072892
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.0	118.4
167	13.8	10.8	16.2





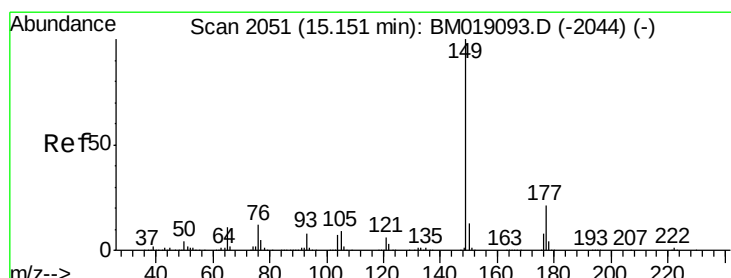
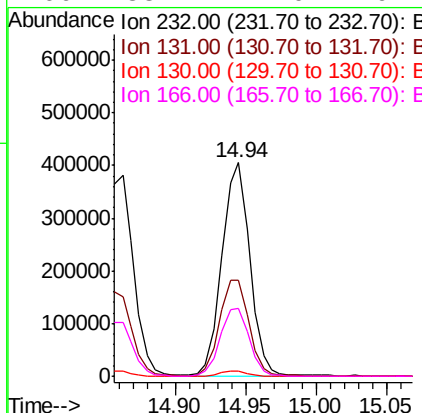
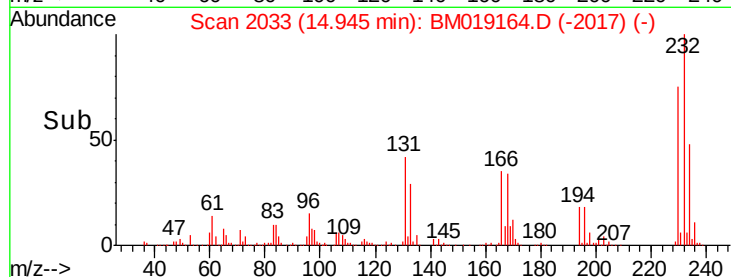
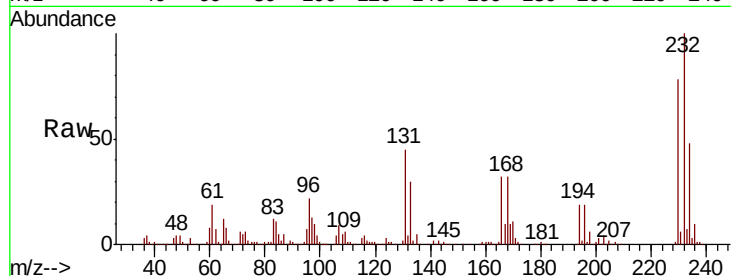
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.650 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	552936		
131	47.5		38.2	57.2
130	2.4		1.9	2.9
166	33.2		27.0	40.4

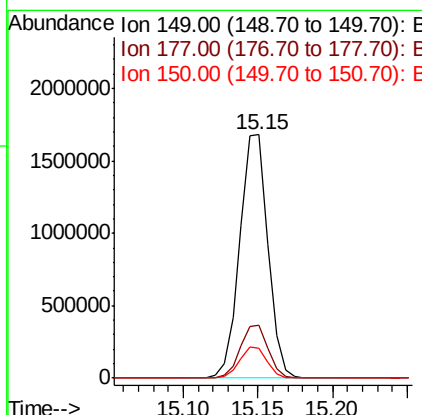
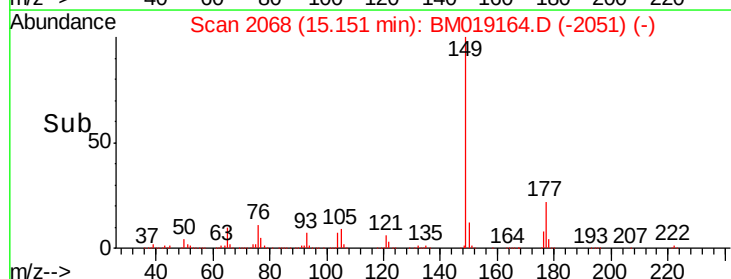
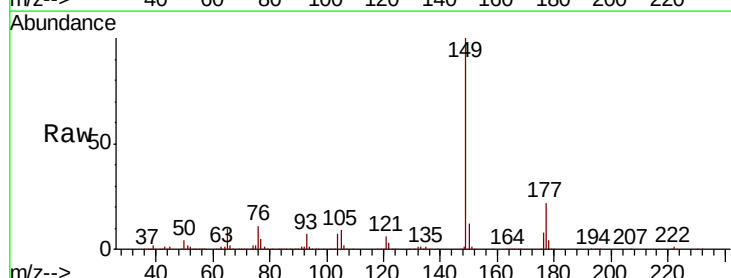
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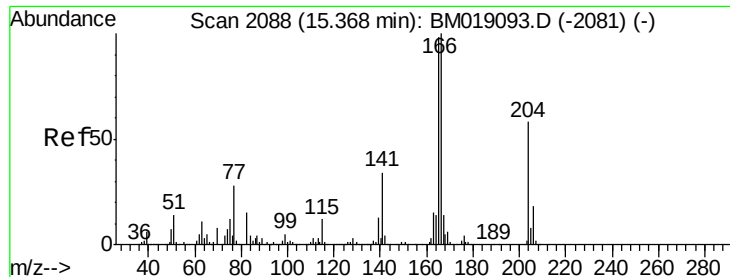
Sohil
3/15/2019 5:51:06 PM



#60
Diethylphthalate
Concen: 42.817 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2207977		
177	21.8		17.0	25.6
150	12.0		10.2	15.4





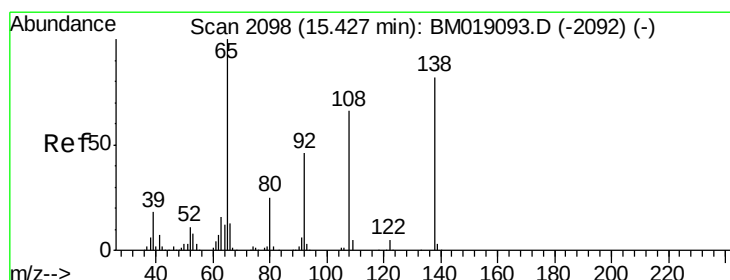
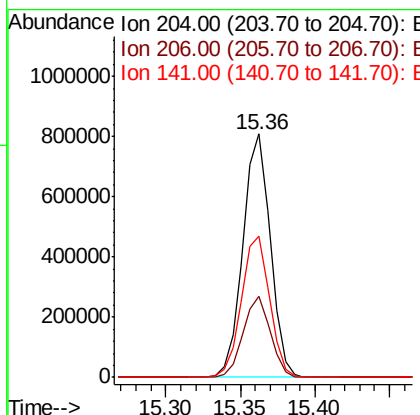
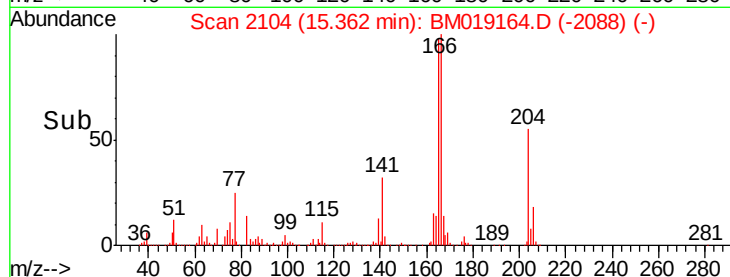
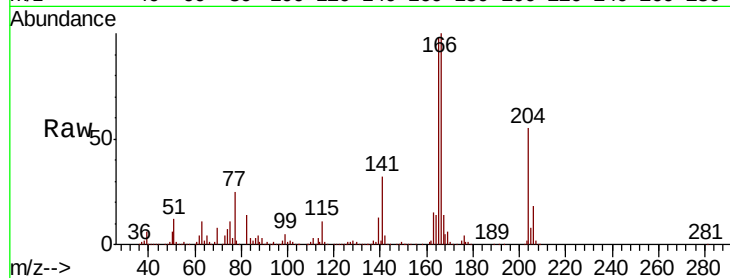
#61
4-Chlorophenyl-phenylether
Concen: 42.204 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion:204 Resp: 1027149
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 58.1 47.8 71.8

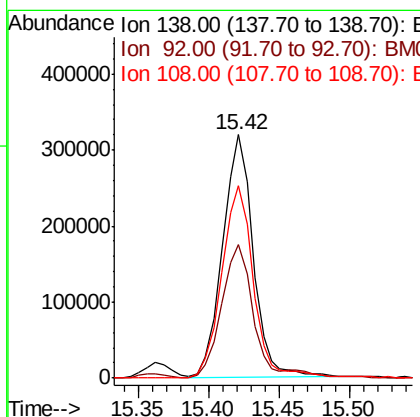
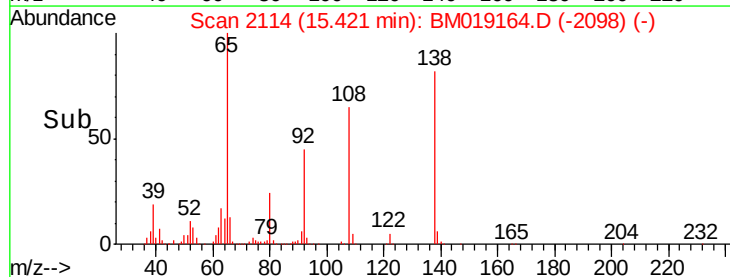
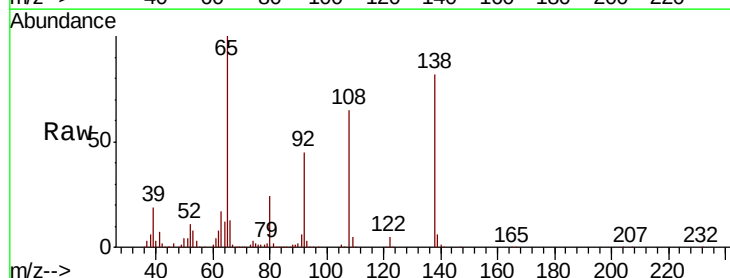
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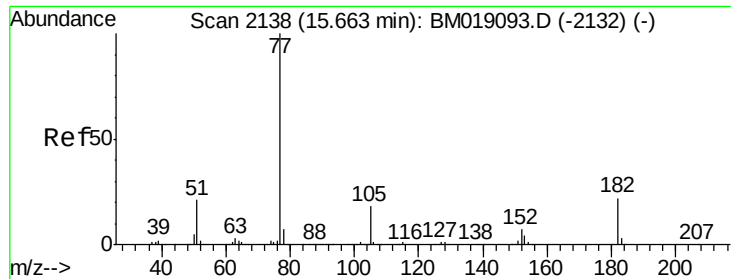
Sohil
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#62
4-Nitroaniline
Concen: 40.800 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion:138 Resp: 479323
Ion Ratio Lower Upper
138 100
92 55.1 36.2 76.2
108 79.1 59.7 99.7





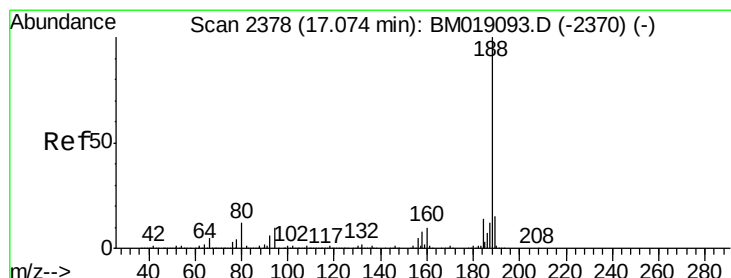
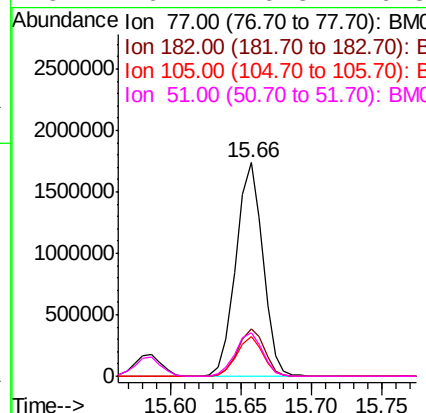
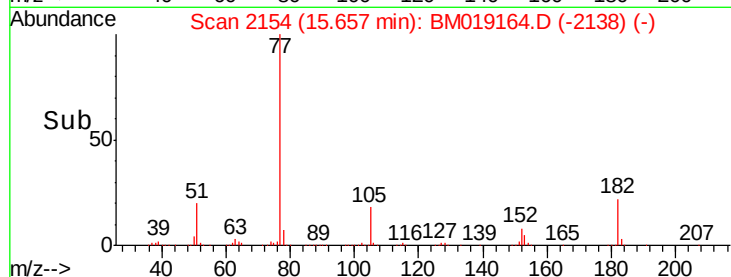
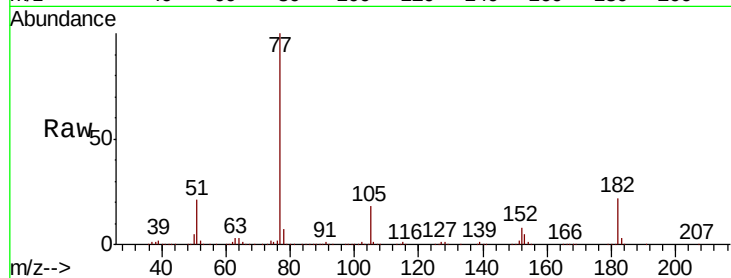
#63
Azobenzene
Concen: 42.490 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.8	41.8
105	18.4	0.0	38.3
51	20.7	0.8	40.8

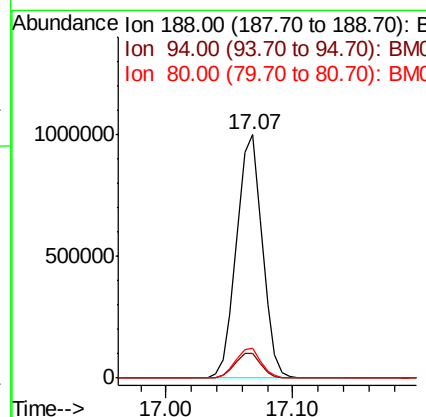
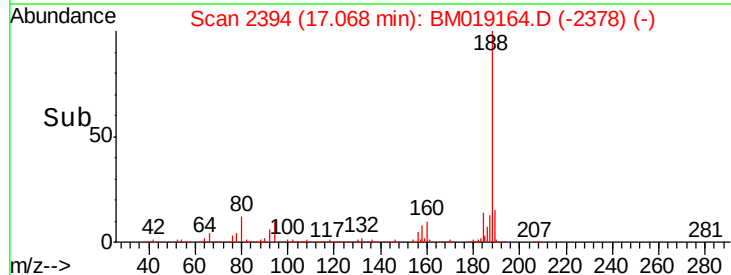
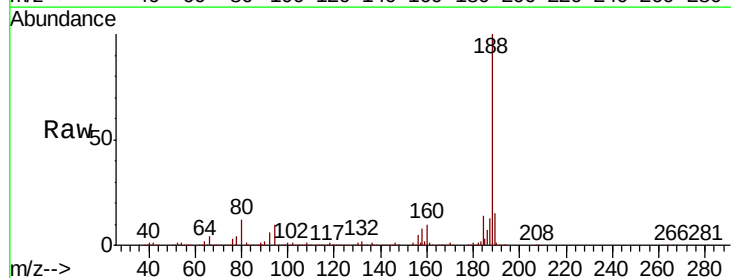
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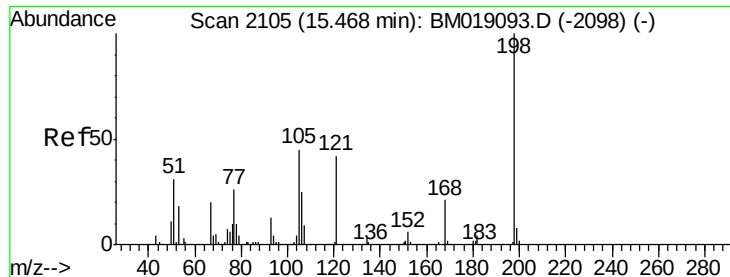
Sohil
3/15/2019 5:51:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	12.2	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.910 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

ClientSampleId :

TP-24MS

Tot Ion:198 Resp: 348488

Ion Ratio Lower Upper

198 100

51 38.4 17.3 57.3

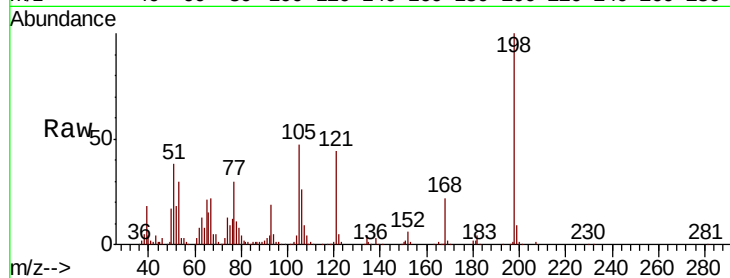
105 47.5 26.2 66.2

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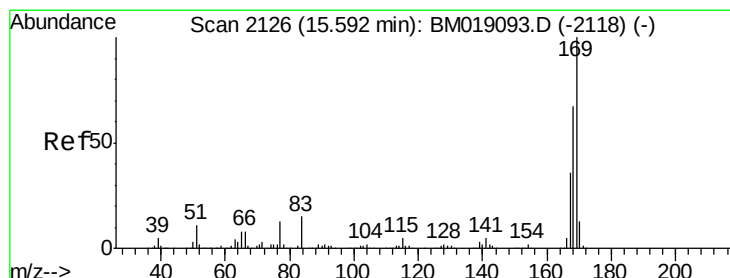
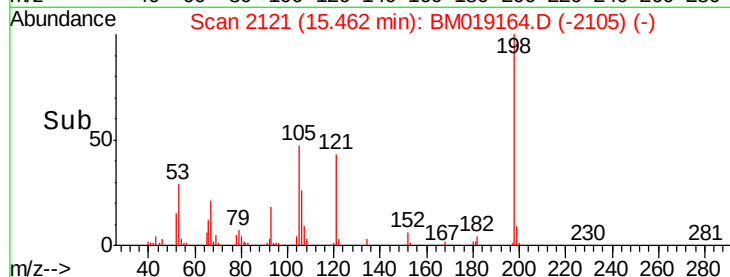
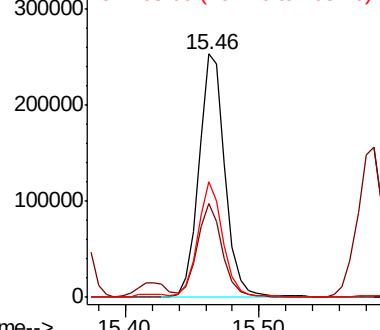
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.047 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

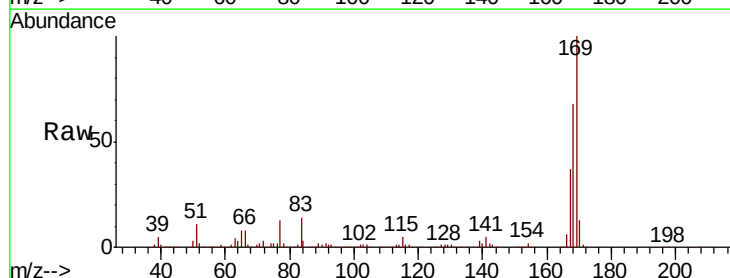
Tgt Ion:169 Resp: 1833198

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

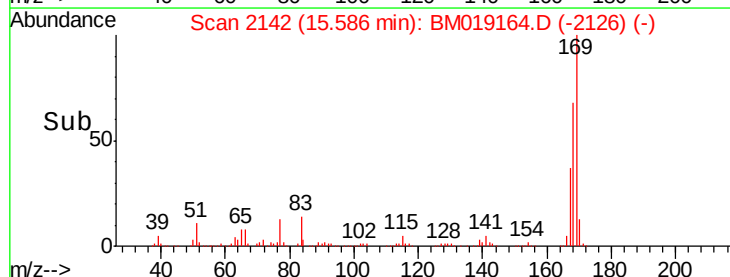
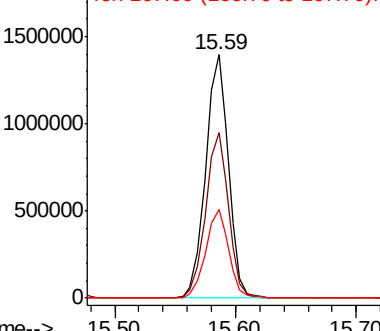
167 36.5 28.8 43.2

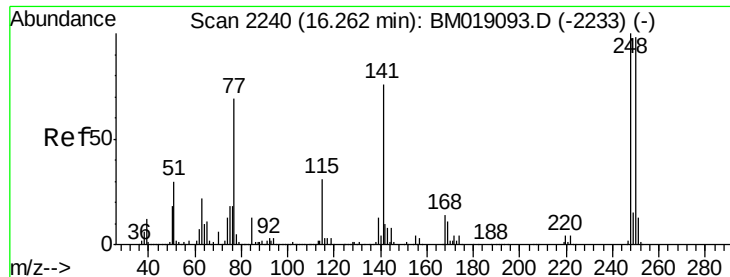


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





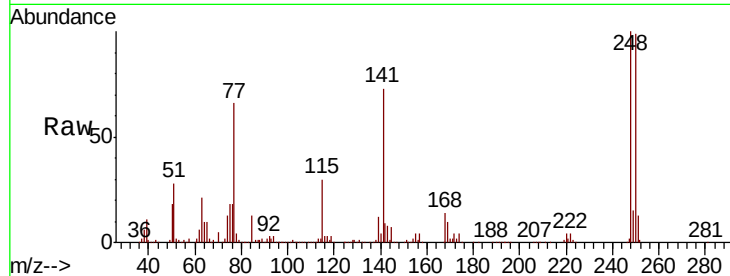
#67
4-Bromophenyl-phenylether
Concen: 40.044 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.0	117.0
141	73.1	61.0	91.4

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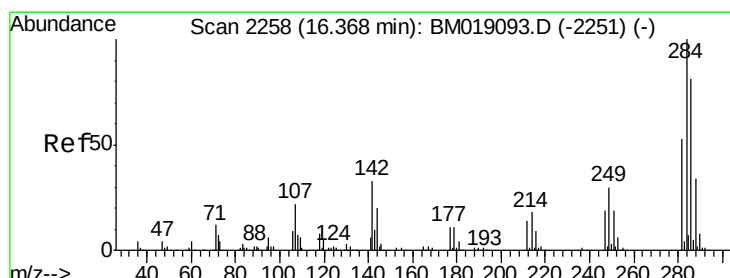
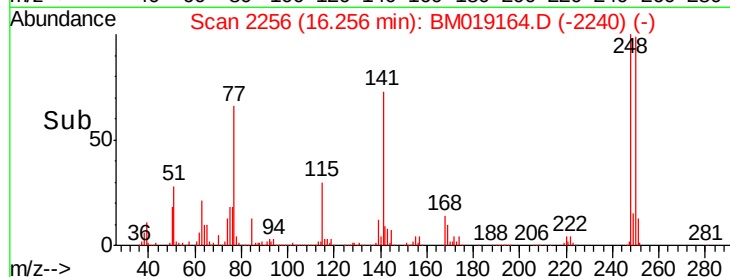
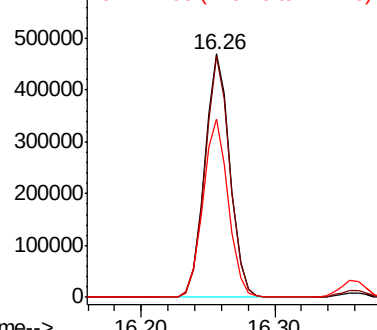


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.261 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

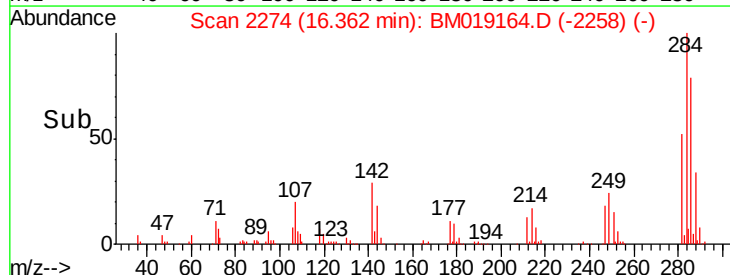
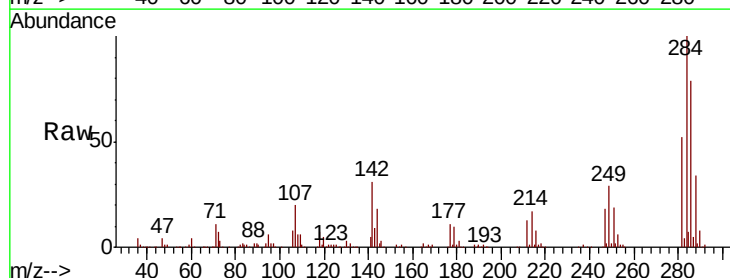
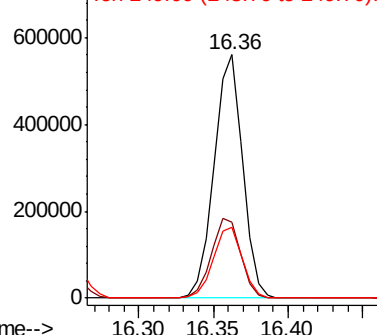
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.3	39.5
249	28.9	24.1	36.1

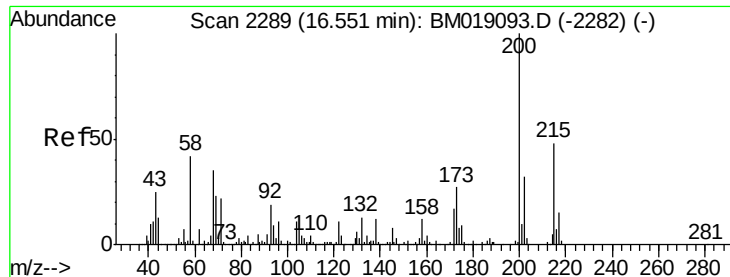
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





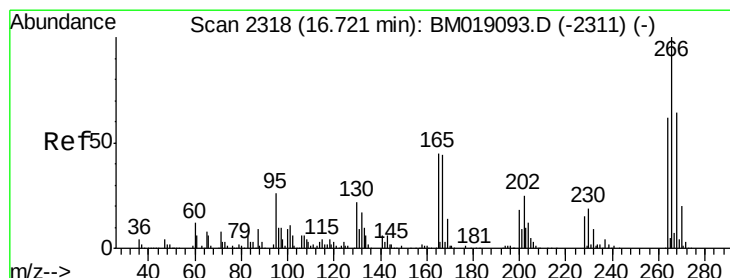
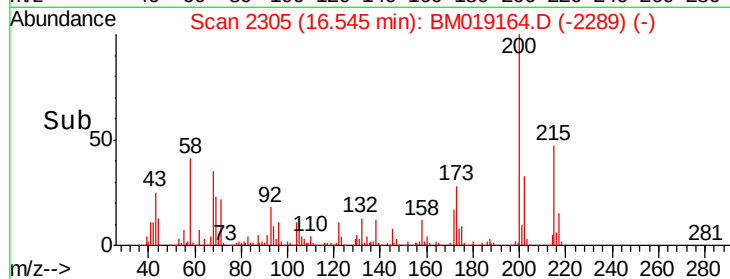
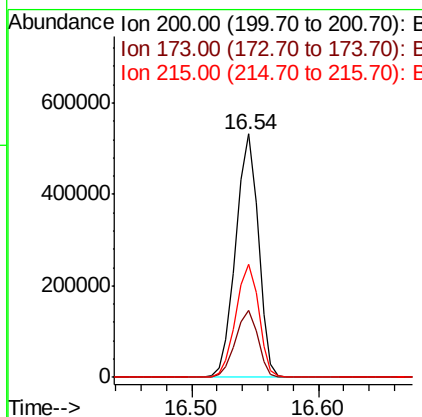
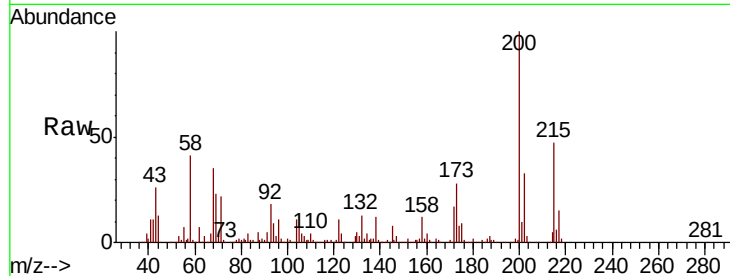
#69
Atrazine
Concen: 43.638 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.0	47.0
215	46.5	27.7	67.7

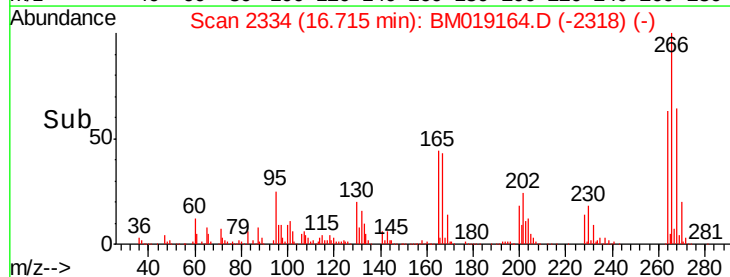
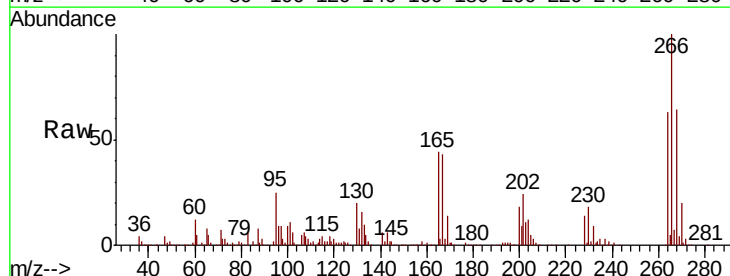
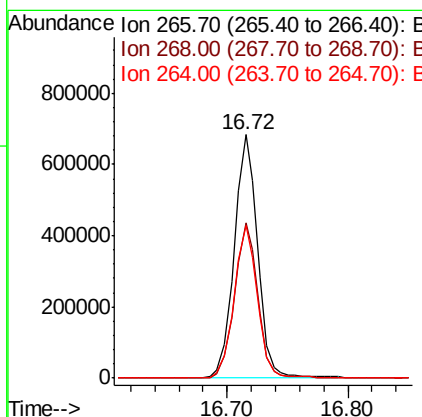
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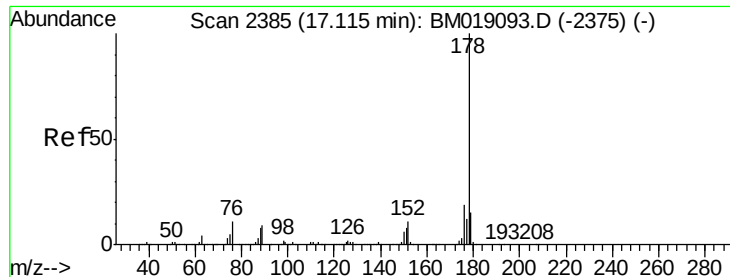
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#70
Pentachlorophenol
Concen: 83.347 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.3	76.9
264	63.0	50.0	75.0





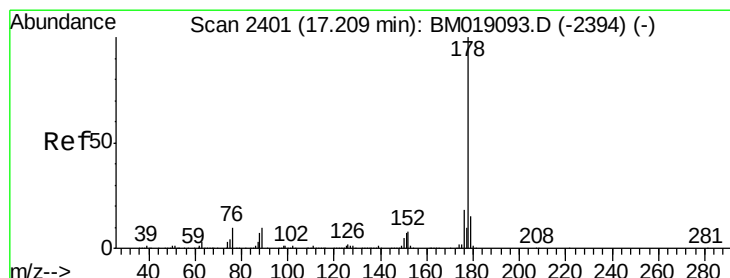
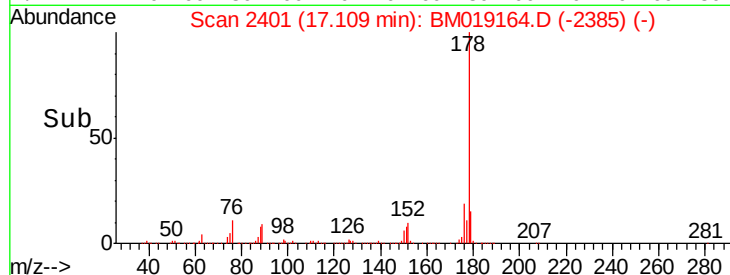
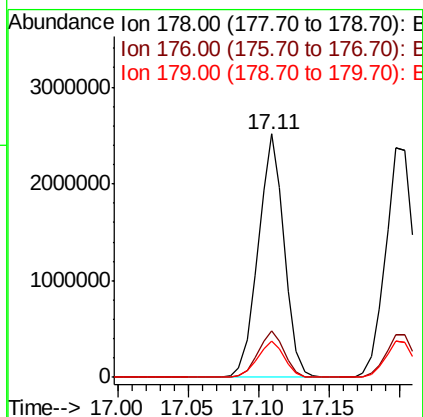
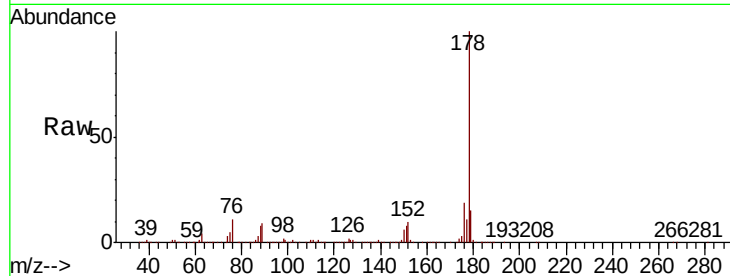
#71
Phenanthrene
Concen: 39.626 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion:178 Resp: 3258157
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.1 12.2 18.2

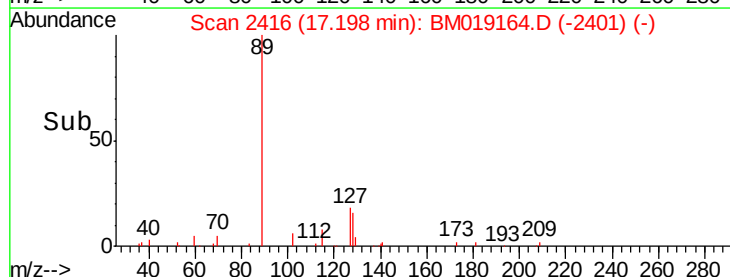
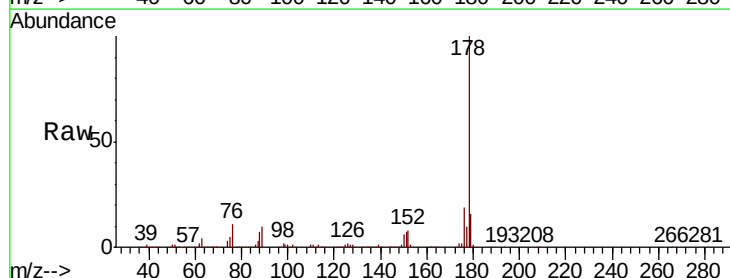
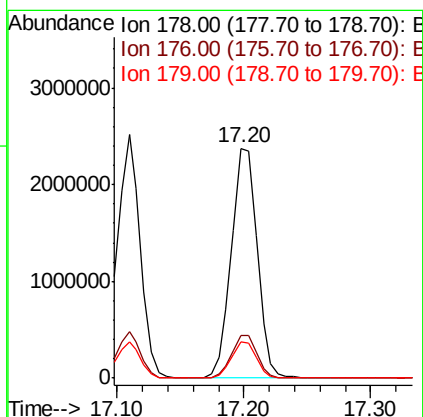
Manual Integrations
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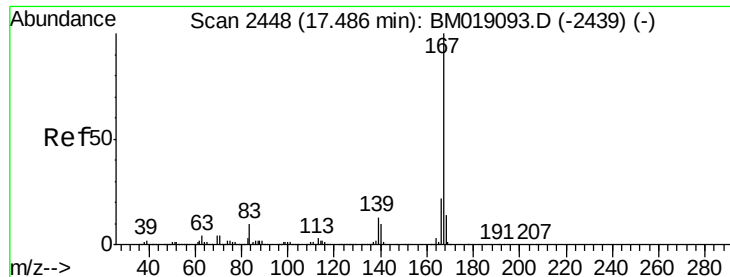
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#72
Anthracene
Concen: 41.501 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion:178 Resp: 3340588
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.7 11.9 17.9





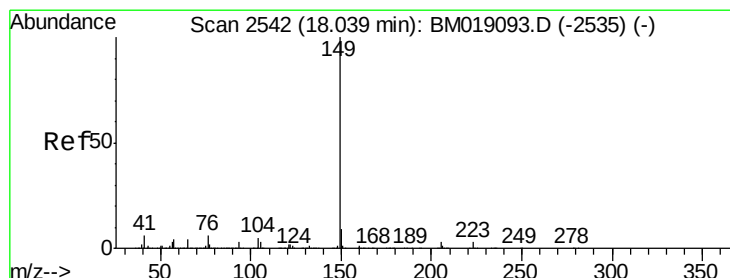
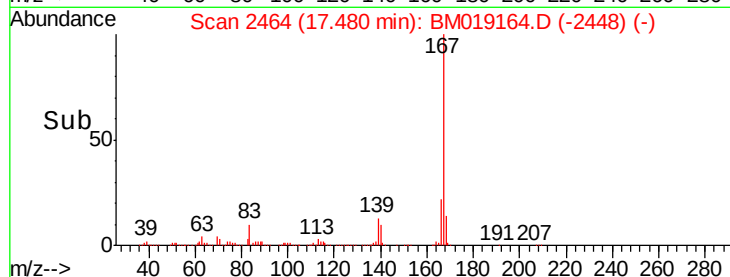
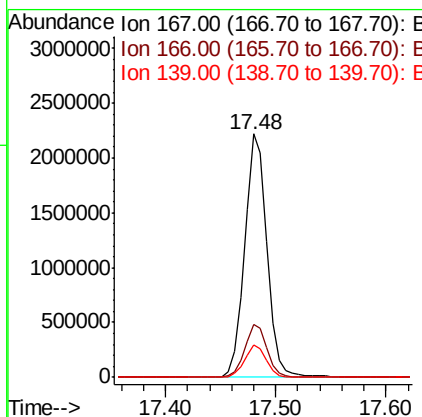
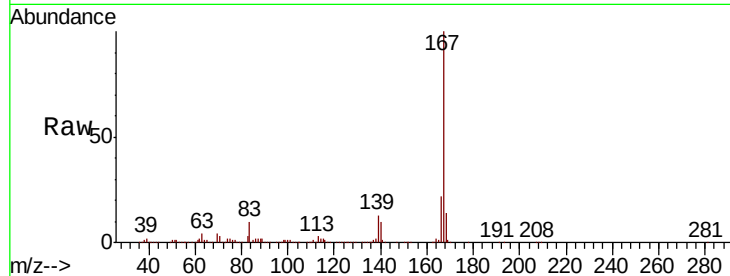
#73
 Carbazole
 Concen: 41.380 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion:167 Resp: 3143730
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.2 10.5 15.7

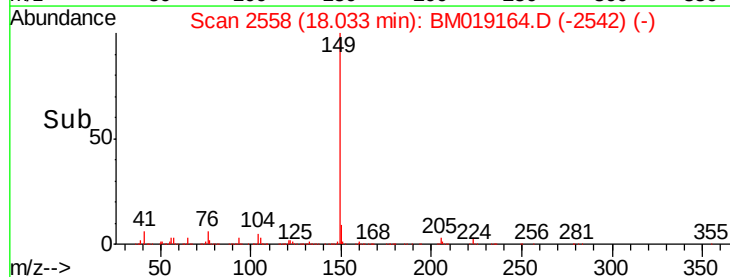
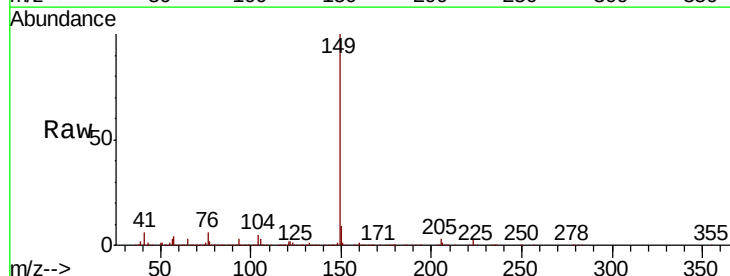
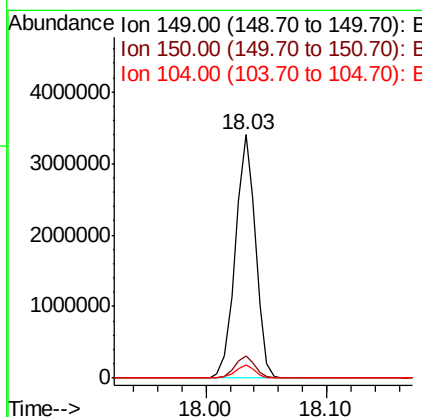
Manual Integrations
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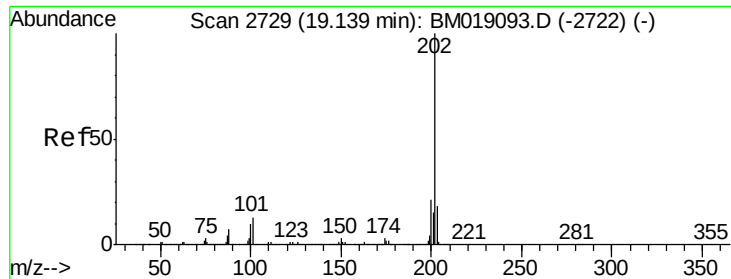
Sohil
 3/15/2019 5:51:06 PM



#74
 Di-n-butylphthalate
 Concen: 43.052 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Tgt Ion:149 Resp: 3955132
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 40.217 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

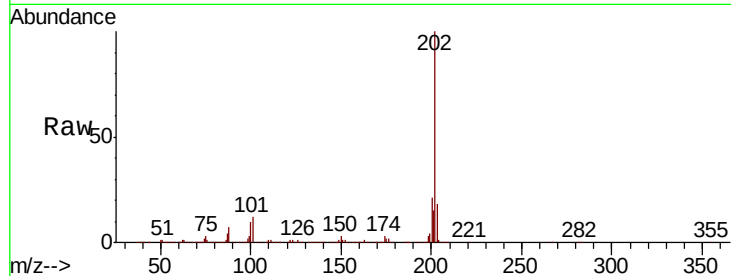
ClientSampleId :

TP-24MS

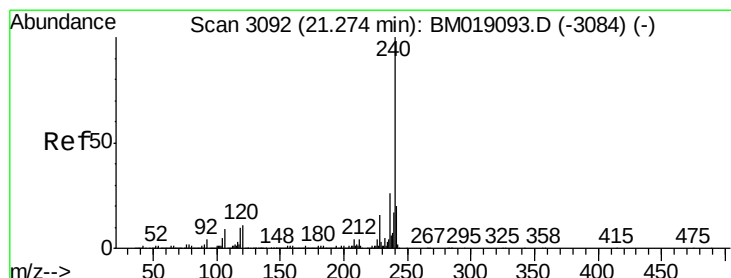
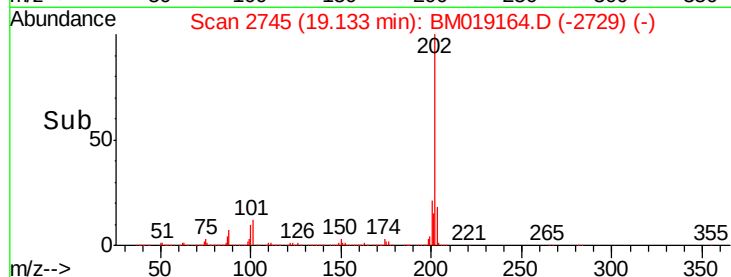
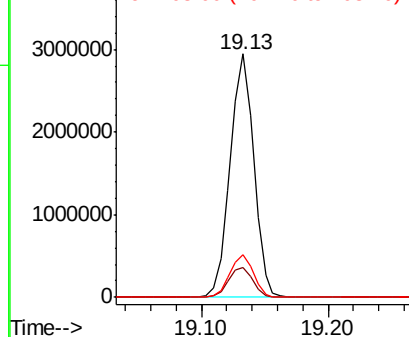
Tot Ion:	202	Resp:	3794440
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.0
203	17.5	0.0	37.8

Manual Integrations
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3/15/2019 5:51:06 PM



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

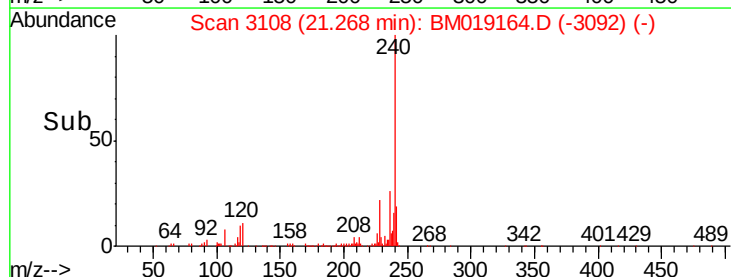
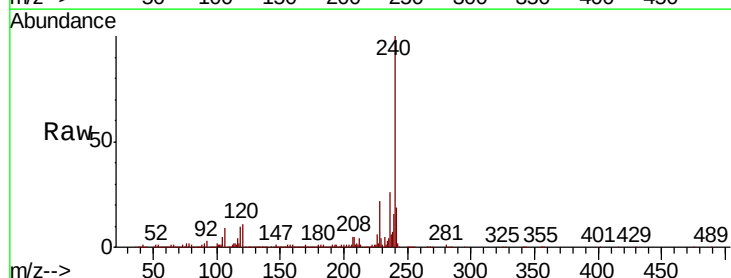
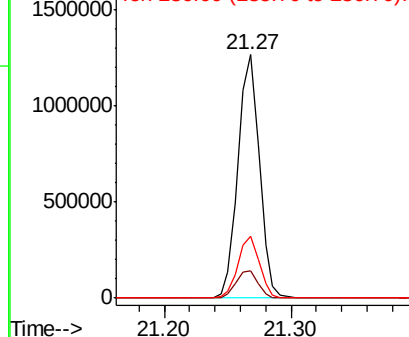
Delta R.T. -0.01 min

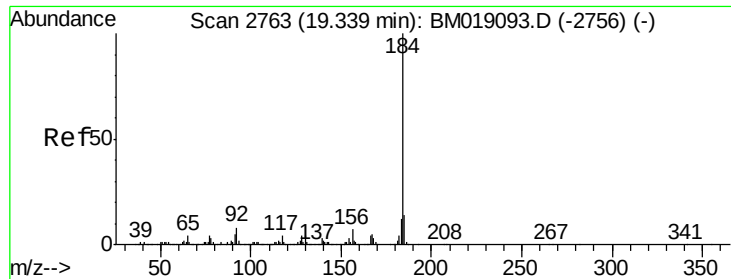
Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	240	Resp:	1478460
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: 8.199 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

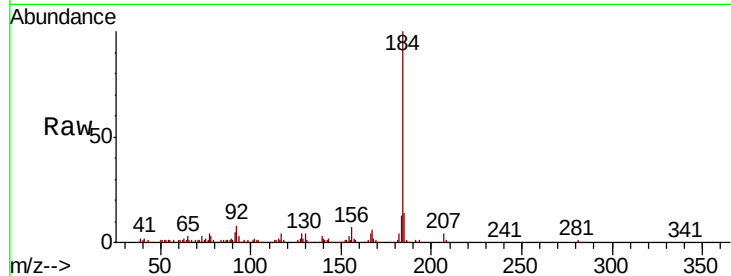
ClientSampled :

TP-24MS

Tot Ion:	184	Resp:	343798
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.0	16.4
183	12.6	9.8	14.6

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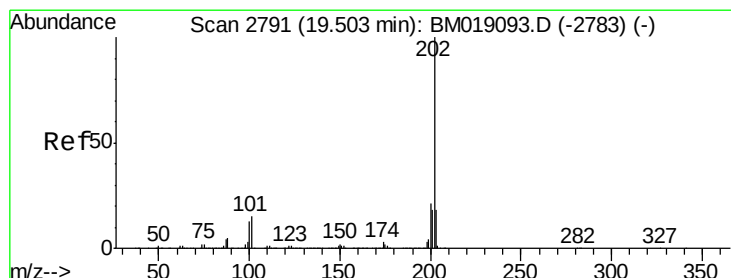
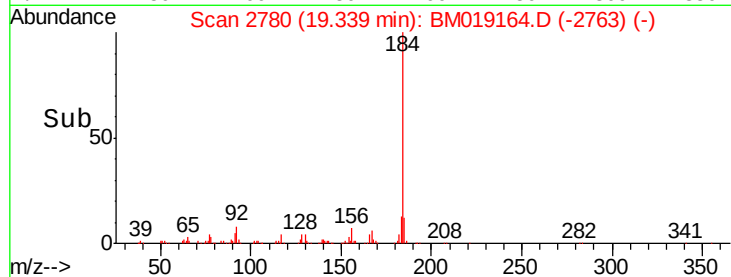
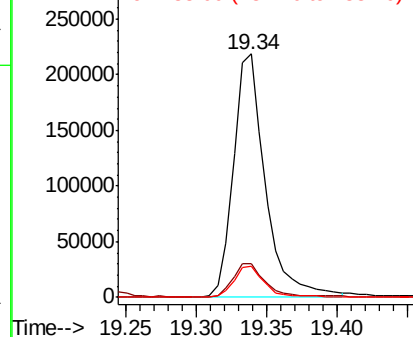


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.356 ng

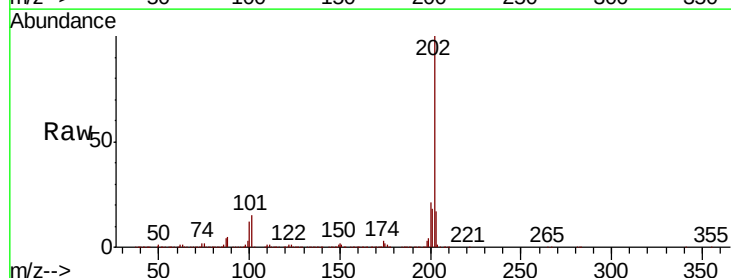
RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	202	Resp:	3868613
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.4	14.0	21.0

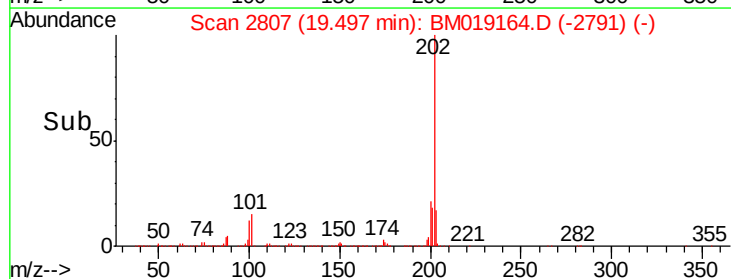
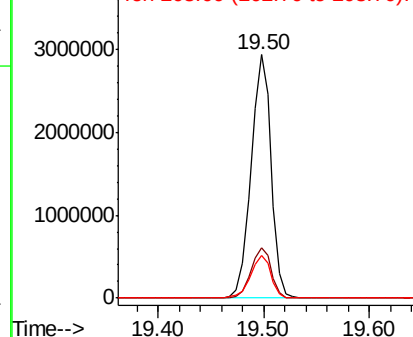


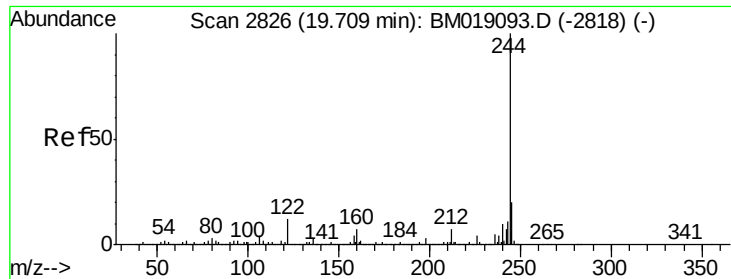
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.297 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

ClientSampleId :

TP-24MS

Tot Ion:244 Resp: 6203407

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

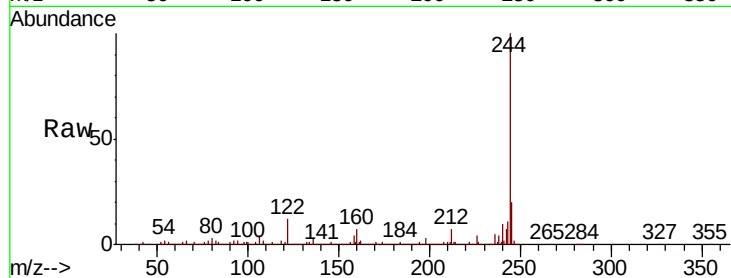
122 11.6 9.4 14.2

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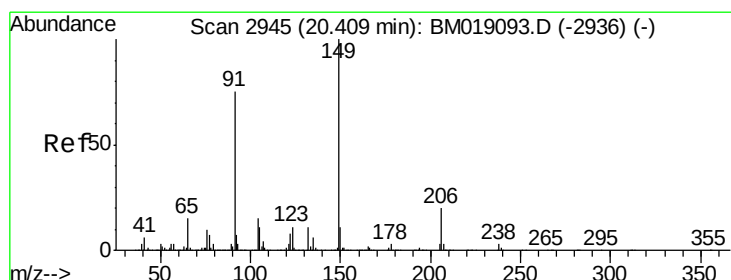
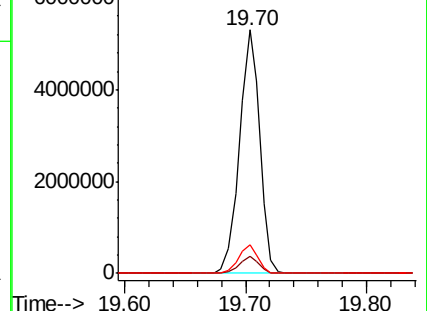
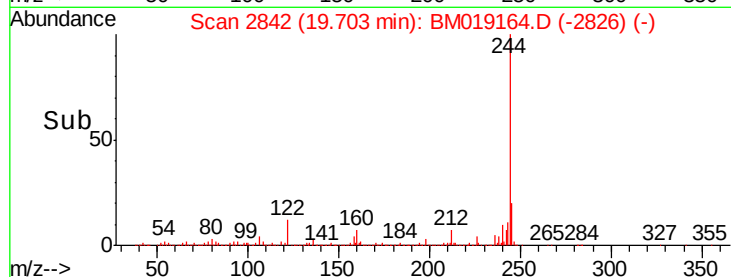
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.212 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

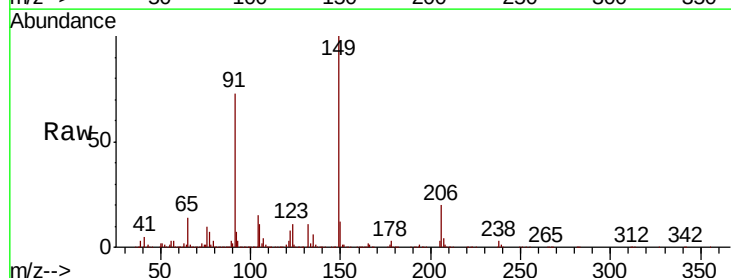
Tgt Ion:149 Resp: 1882832

Ion Ratio Lower Upper

149 100

91 73.4 60.1 90.1

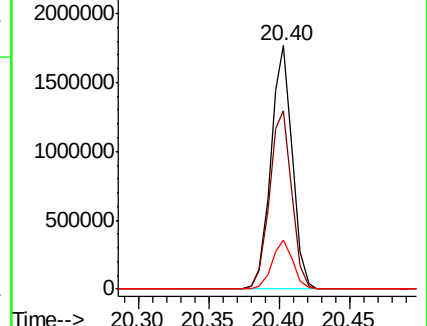
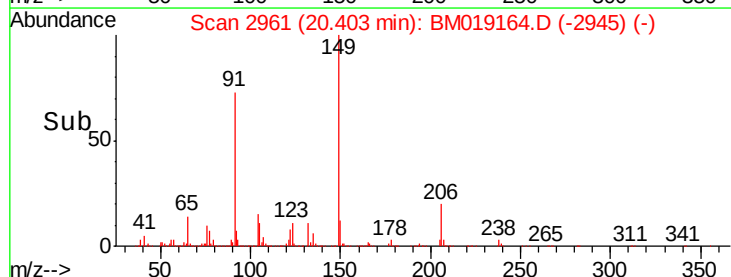
206 20.2 16.2 24.2

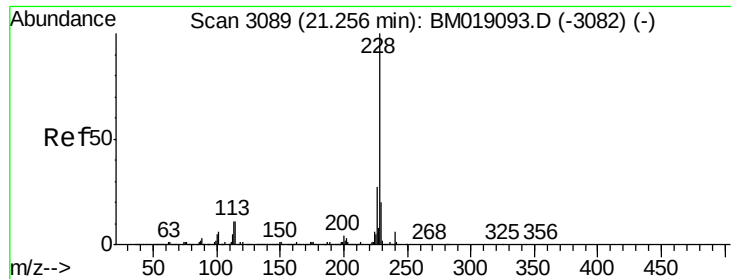


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.230 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

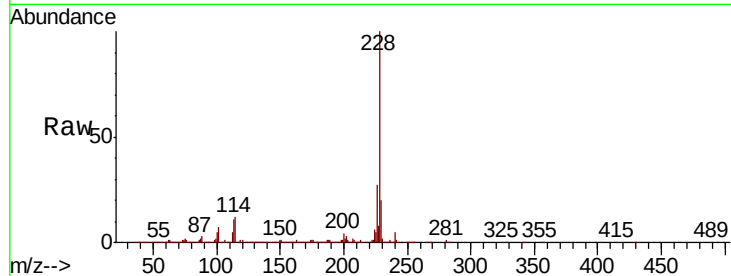
ClientSampleId :

TP-24MS

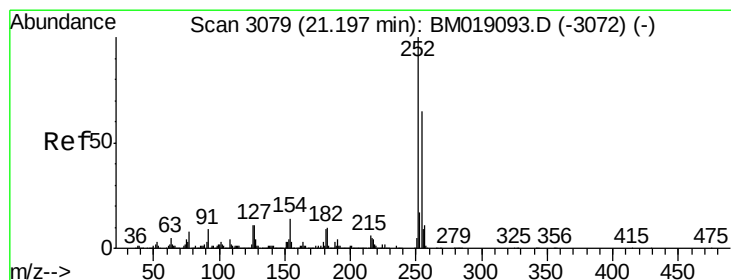
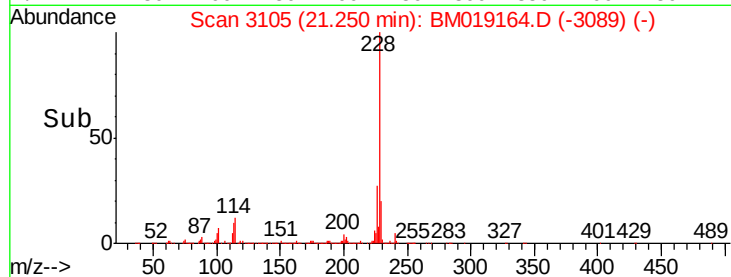
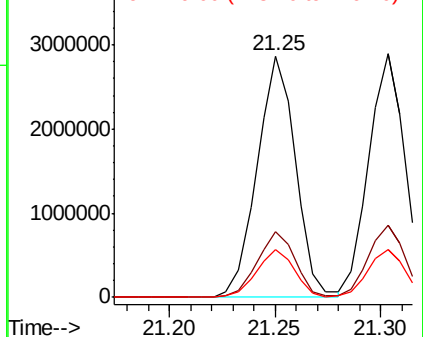
Tot Ion:	228	Resp:	3638726
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.8	15.8	23.6

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



#82

3,3'-Dichlorobenzidine

Concen: 20.946 ng

RT: 21.19 min Scan# 3095

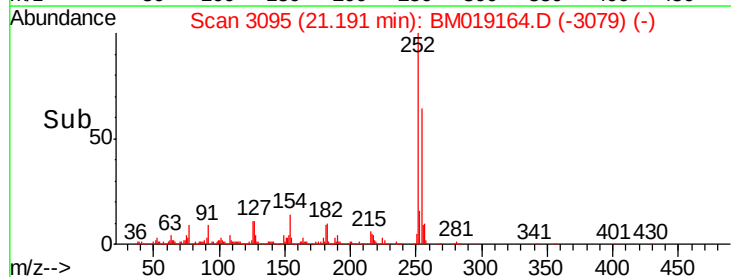
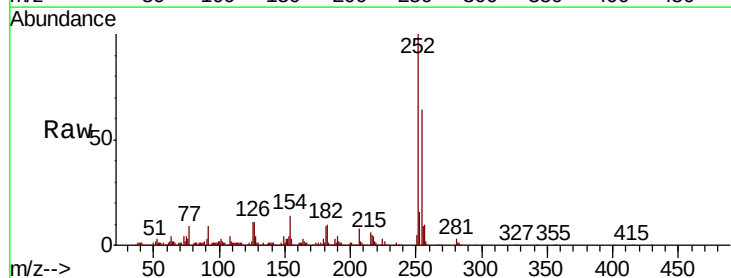
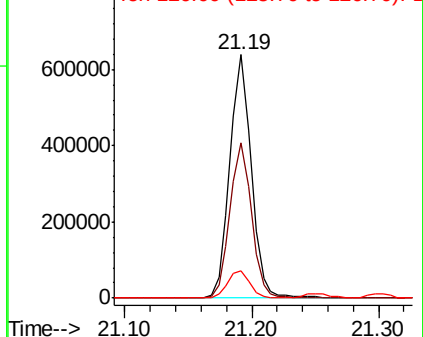
Delta R.T. -0.01 min

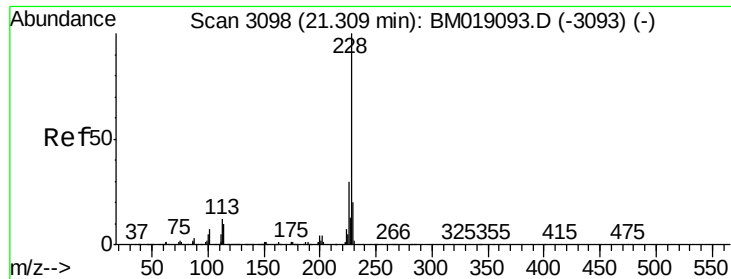
Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	252	Resp:	748442
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.4	78.6
126	11.3	9.0	13.6

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





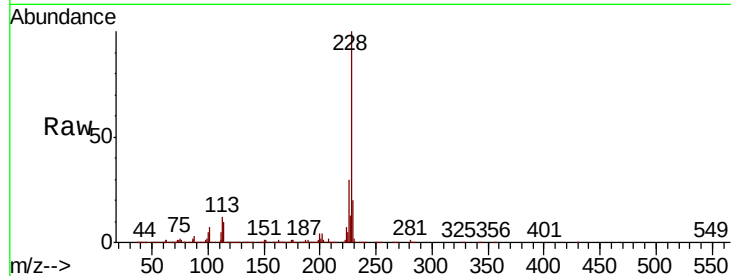
#83
 Chrysene
 Concen: 38.787 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.8	15.7	23.5

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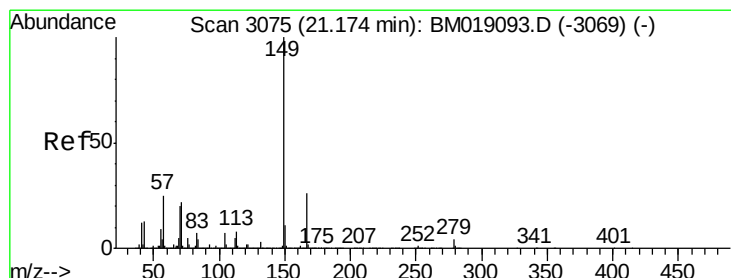
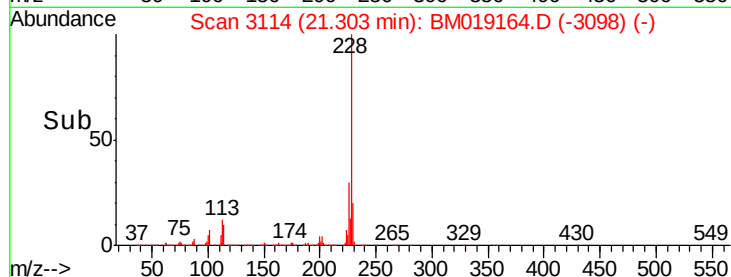
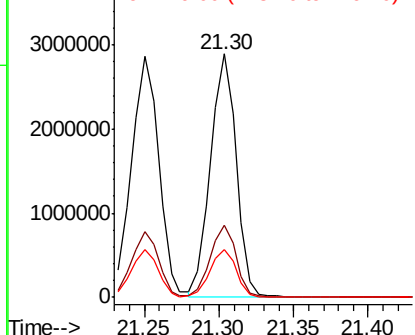


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.051 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM019164.D
 Acq: 14 Mar 2019 12:01

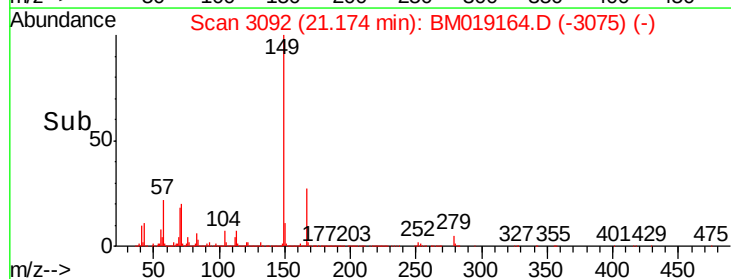
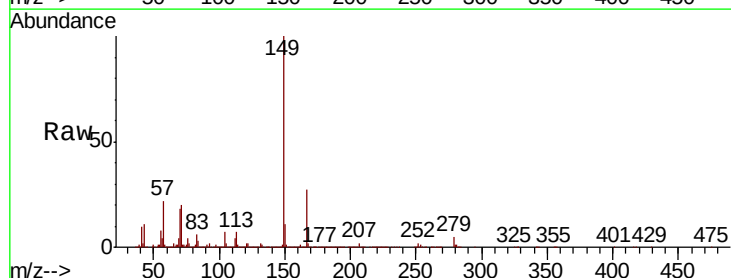
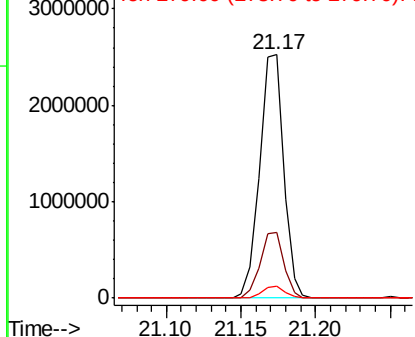
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.1	31.7
279	5.0	3.2	4.8#

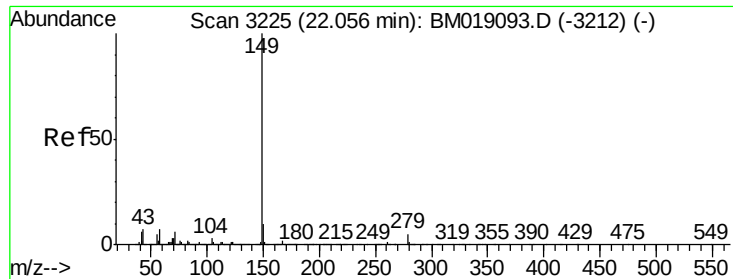
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.848 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Instrument :

BNA_M

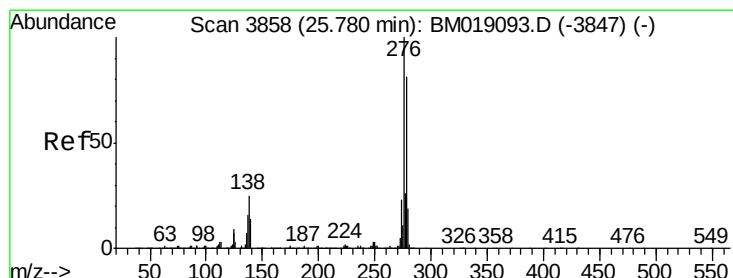
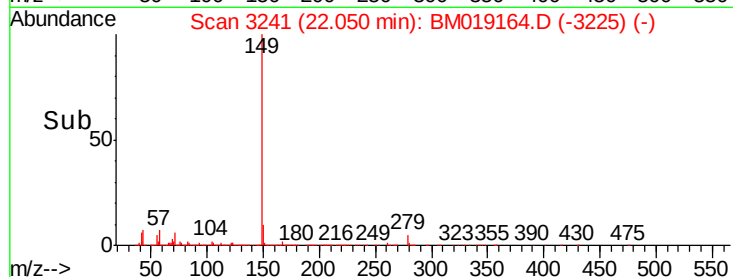
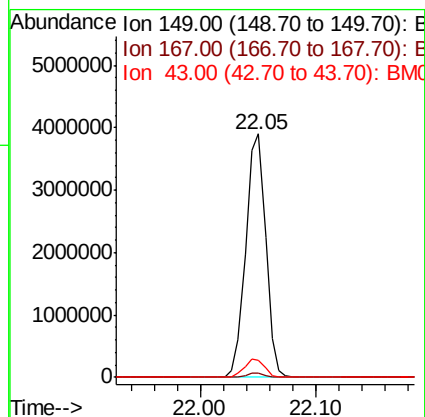
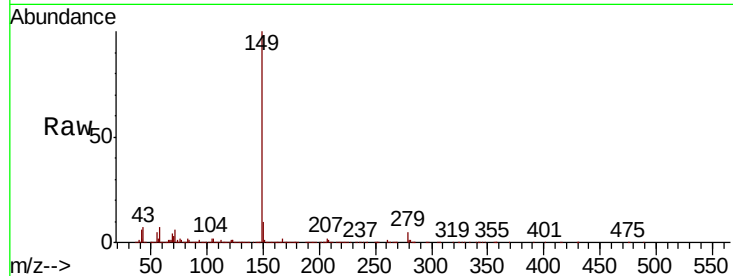
ClientSampled :

TP-24MS

Tot Ion:	149	Resp:	4676045
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.049 ng

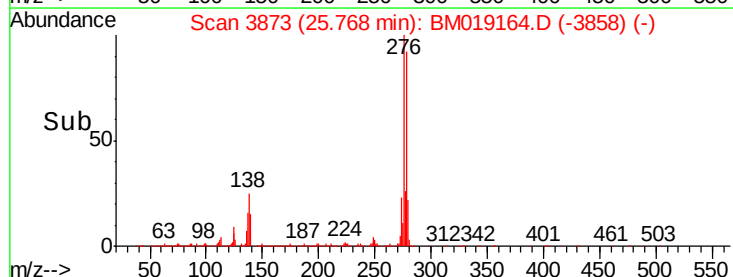
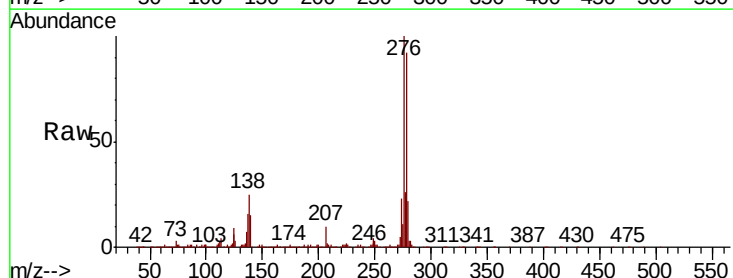
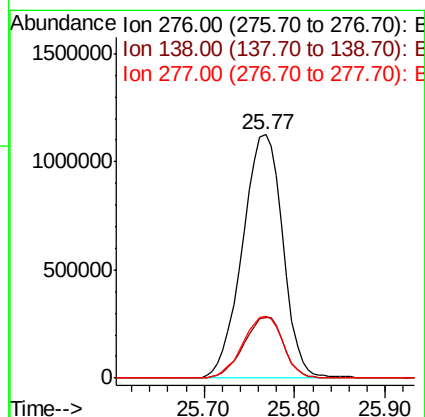
RT: 25.77 min Scan# 3873

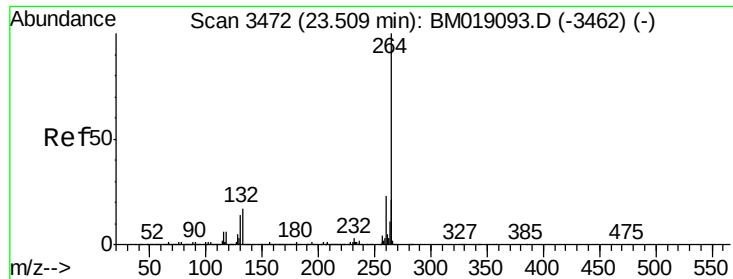
Delta R.T. -0.01 min

Lab File: BM019164.D

Acq: 14 Mar 2019 12:01

Tgt Ion:	276	Resp:	3482105
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.4	20.3	30.5





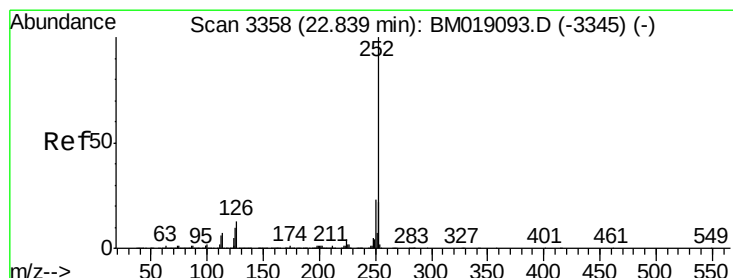
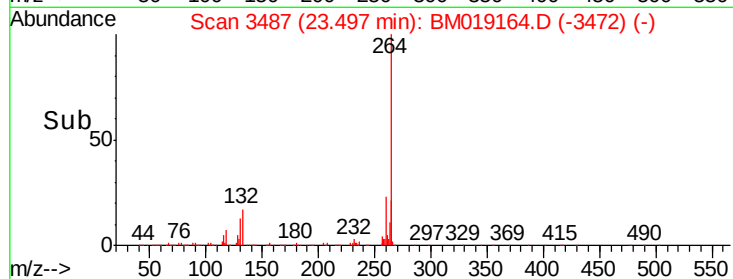
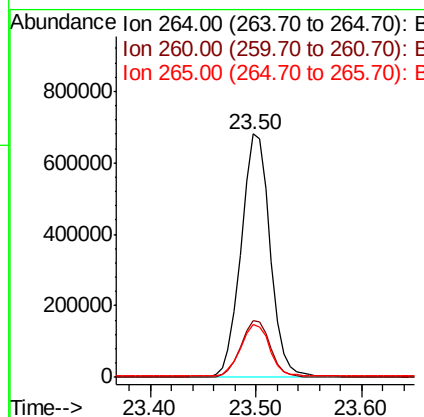
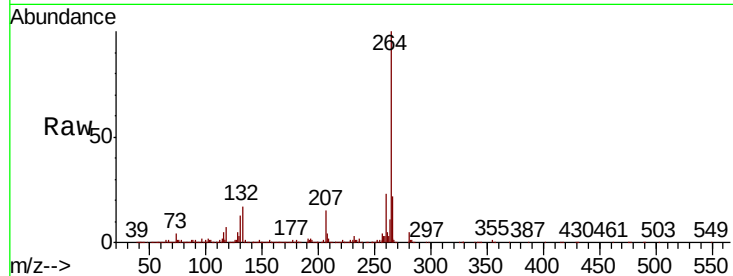
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	22.0	17.3	25.9

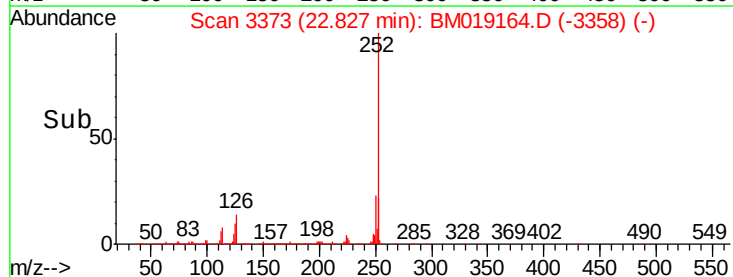
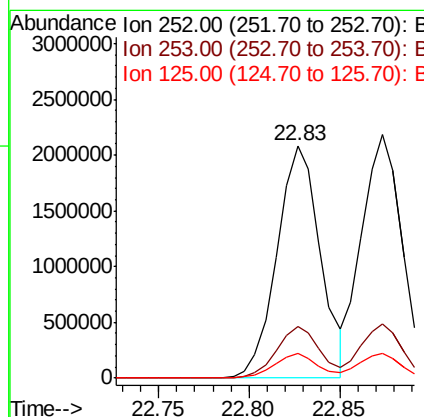
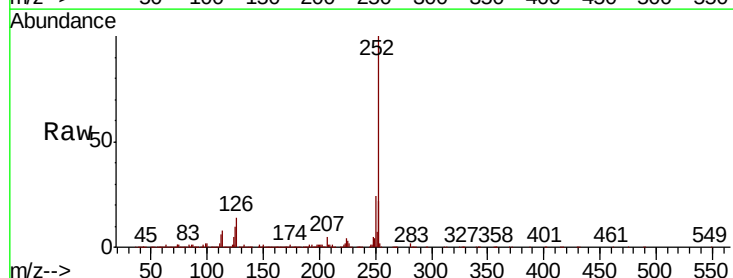
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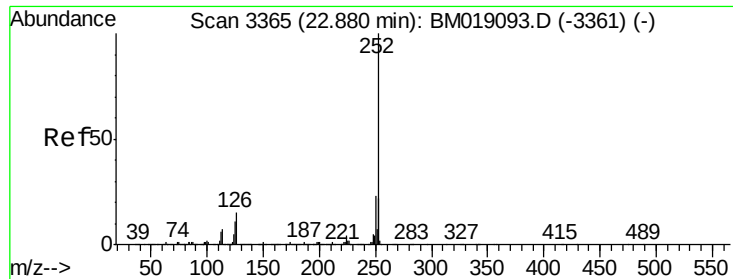
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#88
Benzo(b)fluoranthene
Concen: 41.245 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.5	8.1	12.1





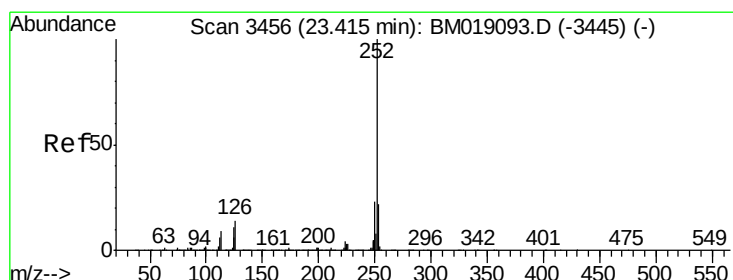
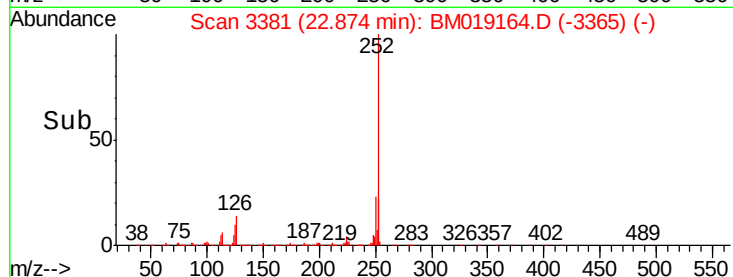
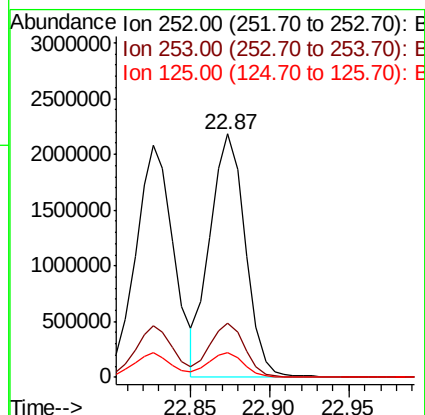
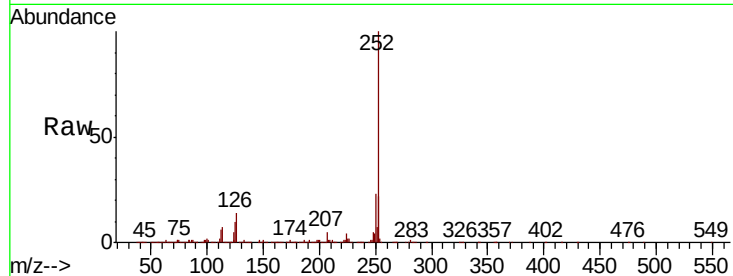
#89
Benzo(k)fluoranthene
Concen: 43.658 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.3	8.8	13.2

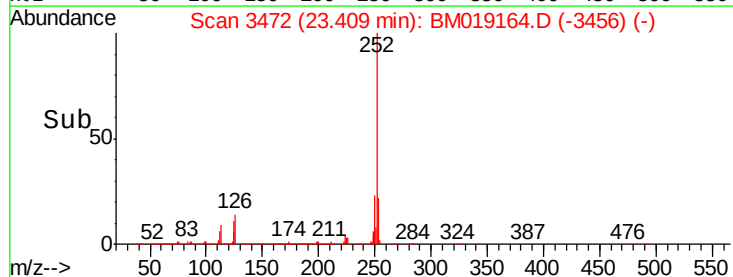
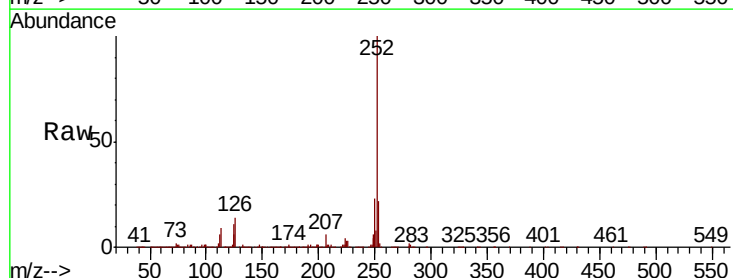
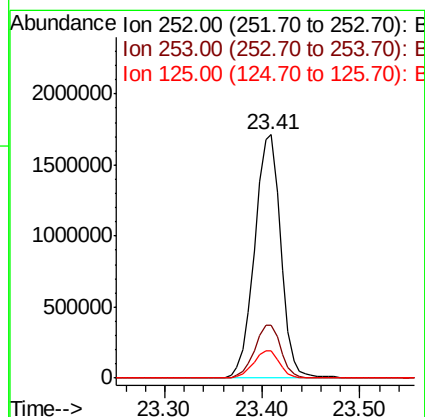
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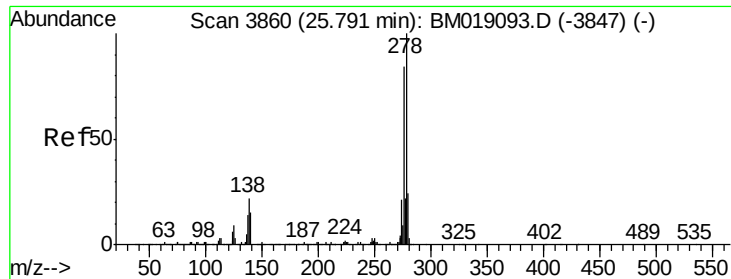
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#90
Benzo(a)pyrene
Concen: 42.157 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.0	9.2	13.8





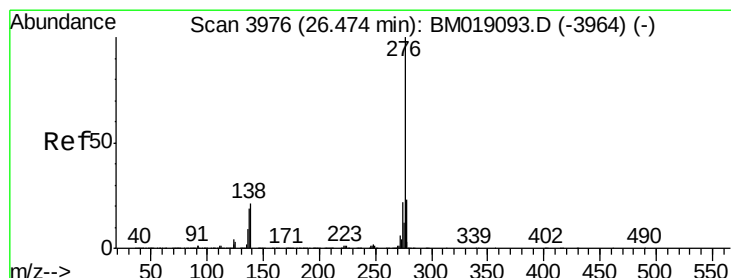
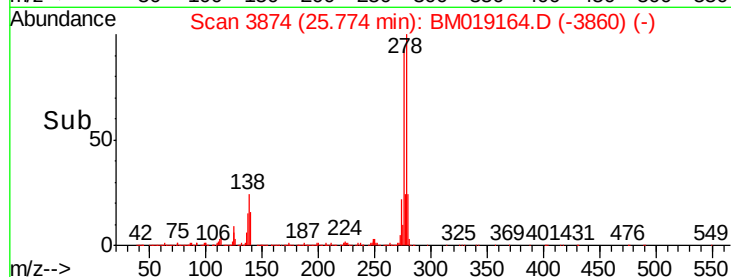
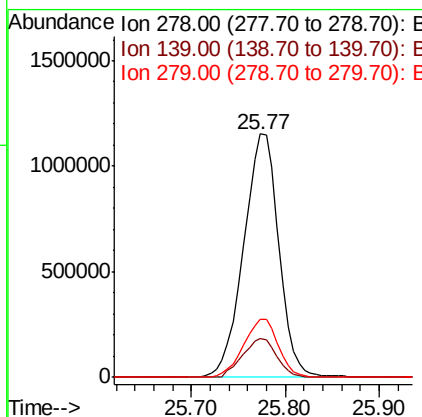
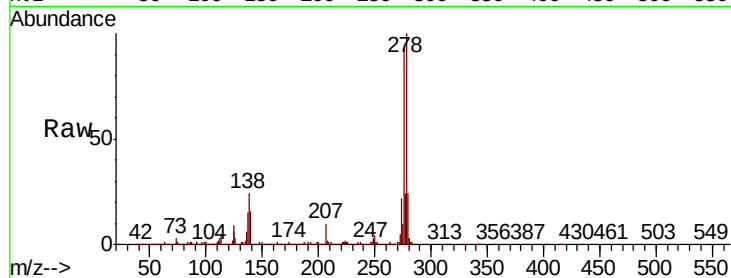
#91
Dibenzo(a,h)anthracene
Concen: 41.225 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	24.0	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 41.111 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019164.D
Acq: 14 Mar 2019 12:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.3	17.0	25.4

