

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019185.D
 Acq On : 15 Mar 2019 14:23
 Operator : JU/SJ
 Sample : K1905-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Manual Integrations
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Sohil
 3/18/2019 3:04:25 PM

Quant Time: Mar 16 02:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	193235	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	894345	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	570801	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1309280	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1305821	20.00	ng	0.00
87) Perylene-d12	23.50	264	1140126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1568142	131.42	ng	0.00
7) Phenol-d6	6.84	99	2393297	137.13	ng	0.00
23) Nitrobenzene-d5	8.83	82	1456010	76.96	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1081593	128.34	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3137394	71.50	ng	-0.01
79) Terphenyl-d14	19.70	244	5003199	76.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	141058	26.575	ng	99
3) Pyridine	3.62	79	408942	28.318	ng	98
4) n-Nitrosodimethylamine	3.53	42	130445	29.056	ng	90
6) Aniline	7.00	93	554836	24.623	ng	98
8) 2-Chlorophenol	7.22	128	520293	36.286	ng	98
9) Benzaldehyde	6.82	77	206890	18.846	ng	100
10) Phenol	6.87	94	885241	47.064	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	467492	32.572	ng	98
12) 1,3-Dichlorobenzene	7.54	146	483457	31.861	ng	99
13) 1,4-Dichlorobenzene	7.69	146	496259	32.079	ng	98
14) 1,2-Dichlorobenzene	8.00	146	487185	32.369	ng	99
15) Benzyl Alcohol	7.91	79	514398	35.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	466063	31.802	ng	99
17) 2-Methylphenol	8.10	107	477002	38.917	ng	99
18) Hexachloroethane	8.71	117	178301	31.017	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	471122	32.903	ng	99
20) 3+4-Methylphenols	8.43	107	656470	39.457	ng	99
22) Acetophenone	8.49	105	780551	31.581	ng	99
24) Nitrobenzene	8.87	77	665441	33.818	ng	100
25) Isophorone	9.39	82	1223452	33.889	ng	100
26) 2-Nitrophenol	9.57	139	288041	35.315	ng	98
27) 2,4-Dimethylphenol	9.63	122	528388	43.577	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	720728	33.715	ng	99
29) 2,4-Dichlorophenol	10.09	162	542449	40.393	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	515917	34.070	ng	99
31) Naphthalene	10.49	128	1600484	33.953	ng	100
32) Benzoic acid	9.76	122	118292	11.519	ng	98
33) 4-Chloroaniline	10.62	127	410248	21.231	ng	99
34) Hexachlorobutadiene	10.75	225	271131	31.201	ng	98
35) Caprolactam	11.45	113	182180m	38.083	ng	
36) 4-Chloro-3-methylphenol	11.75	107	646418	39.011	ng	99
37) 2-Methylnaphthalene	12.11	142	1232163	35.971	ng	99
38) 1-Methylnaphthalene	12.33	142	1180729	34.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	594022	32.899	ng	99

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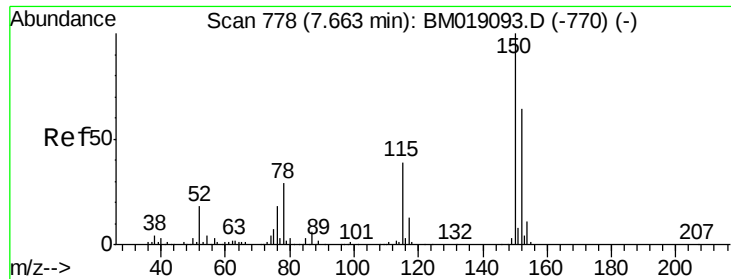
Manual Integrations
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Quant Time: Mar 16 02:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	525938	64.306	nq	98
43) 2,4,6-Trichlorophenol	12.73	196	452443	38.775	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	479217	38.407	nq	98
46) 1,1'-Biphenyl	13.13	154	1635547	32.810	nq	100
47) 2-Chloronaphthalene	13.18	162	1284113	34.511	nq	99
48) 2-Nitroaniline	13.41	65	457698	36.678	nq	98
49) Acenaphthylene	14.03	152	2118004	33.665	nq	100
50) Dimethylphthalate	13.78	163	1894910	38.807	nq	99
51) 2,6-Dinitrotoluene	13.91	165	373777	35.411	nq	97
52) Acenaphthene	14.37	154	1232183	34.084	nq	99
53) 3-Nitroaniline	14.24	138	275908	24.680	nq	98
54) 2,4-Dinitrophenol	14.46	184	257276	41.970	nq	97
55) Dibenzofuran	14.71	168	2012944	34.527	nq	100
56) 4-Nitrophenol	14.56	139	629154	68.927	nq	97
57) 2,4-Dinitrotoluene	14.70	165	536202	34.995	nq	99
58) Fluorene	15.36	166	1645751	34.247	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	440876	37.954	nq	99
60) Diethylphthalate	15.14	149	1718124	34.742	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	810397	34.721	nq	99
62) 4-Nitroaniline	15.42	138	349807	31.048	nq	98
63) Azobenzene	15.65	77	1823348	35.038	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	230749	26.895	nq	99
66) n-Nitrosodiphenylamine	15.59	169	1457250	34.960	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	490002	33.938	nq	97
68) Hexachlorobenzene	16.36	284	576527	33.587	nq	98
69) Atrazine	16.54	200	505333	36.014	nq	99
70) Pentachlorophenol	16.72	266	697382	67.433	nq	100
71) Phenanthrene	17.11	178	2579838	33.617	nq	100
72) Anthracene	17.20	178	2626743	34.964	nq	99
73) Carbazole	17.48	167	2414350	34.049	nq	99
74) Di-n-butylphthalate	18.03	149	3045517	35.519	nq	99
75) Fluoranthene	19.13	202	3082867	35.009	nq	99
77) Benzidine	19.33	184	1662785	44.899	nq	100
78) Pyrene	19.50	202	3097871	37.495	nq	100
80) Butylbenzylphthalate	20.40	149	1419989	39.459	nq	98
81) Benzo(a)anthracene	21.25	228	2737108	33.411	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	791276	25.073	nq	98
83) Chrysene	21.30	228	2634638	33.243	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2098657	40.086	nq	100
85) Di-n-octyl phthalate	22.04	149	3531152	40.055	nq	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2561185	30.020	nq	100
88) Benzo(b)fluoranthene	22.83	252	2587241	35.021	nq	100
89) Benzo(k)fluoranthene	22.87	252	2480348	36.502	nq	99
90) Benzo(a)pyrene	23.40	252	2343721	35.302	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2188777	34.464	nq	100
92) Benzo(g,h,i)perylene	26.46	276	2051030	35.176	nq	100

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



#1

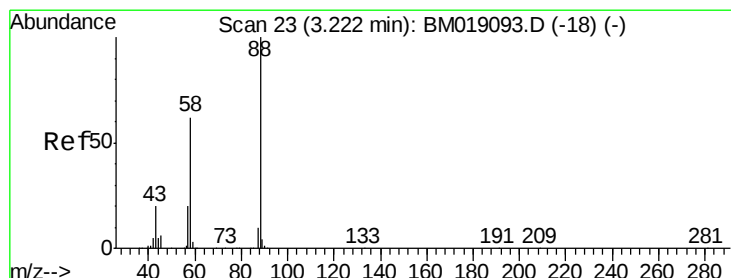
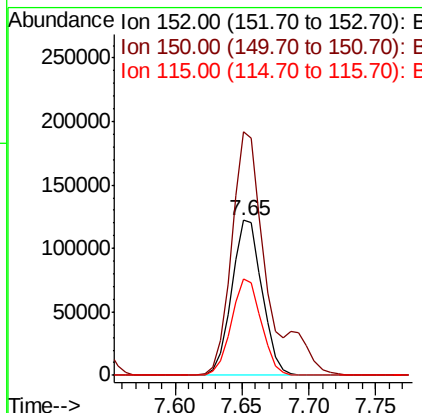
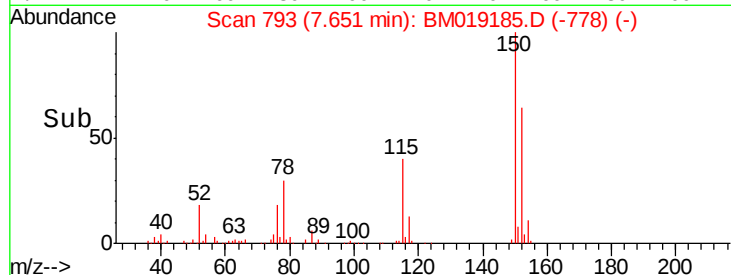
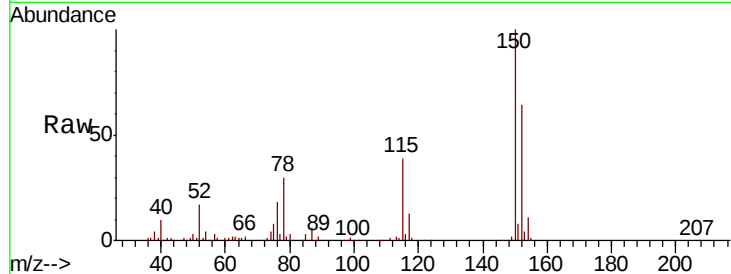
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	61.9	49.4	74.0

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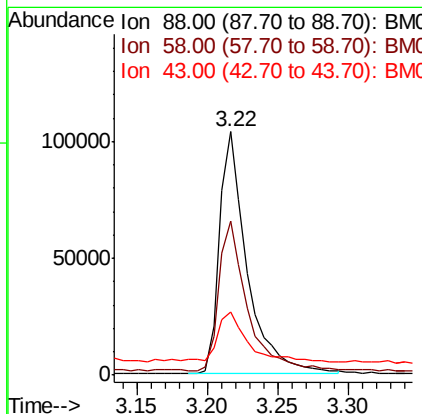
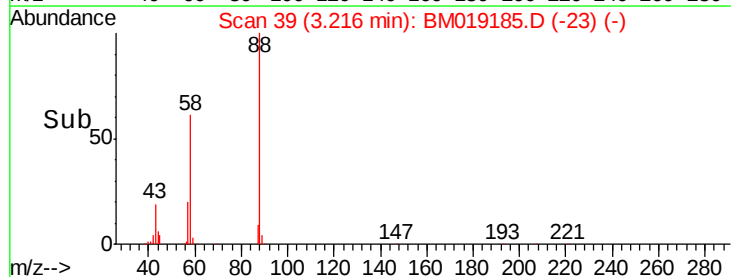
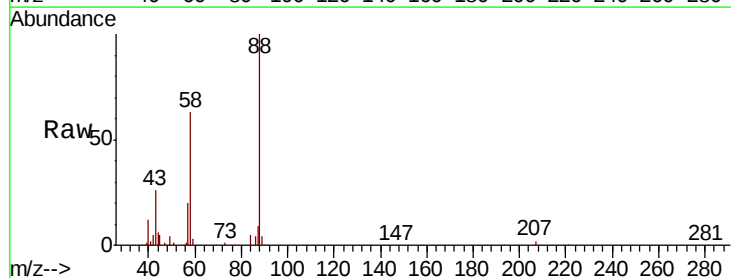
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#2

1,4-Dioxane
Concen: 26.575 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	50.0	75.0
43	21.7	17.0	25.4





#3

Pvridine

Concen: 28.318 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

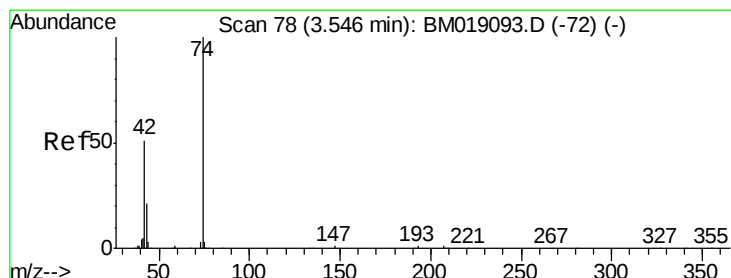
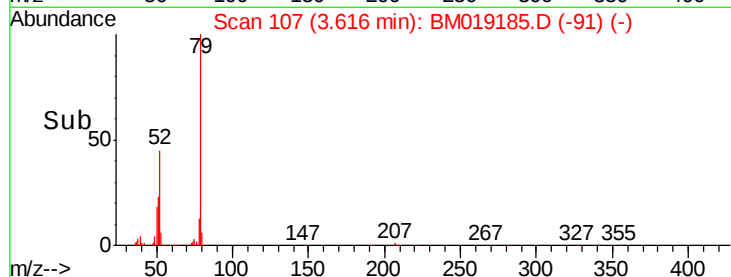
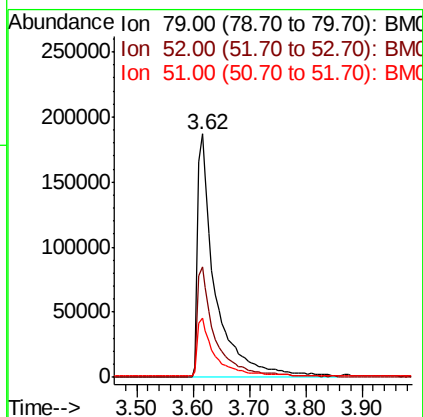
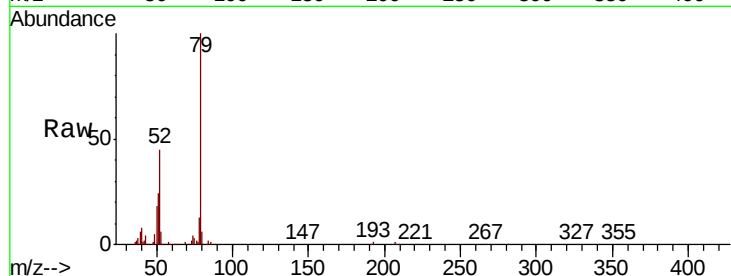
ClientSampleId :

RBR-200052MS

Tot Ion:	79	Resp:	408942
Ion Ratio	Lower	Upper	
79	100		
52	45.4	37.5	56.3
51	24.3	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.056 ng

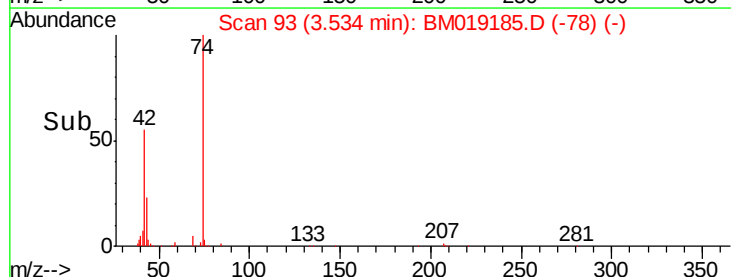
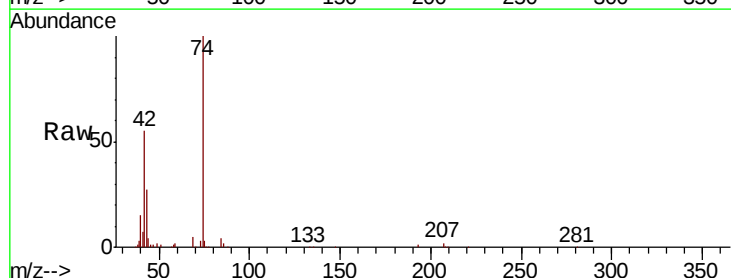
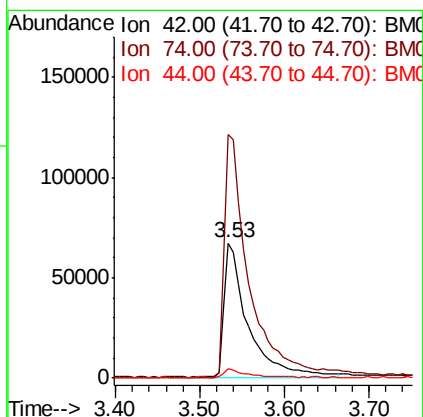
RT: 3.53 min Scan# 93

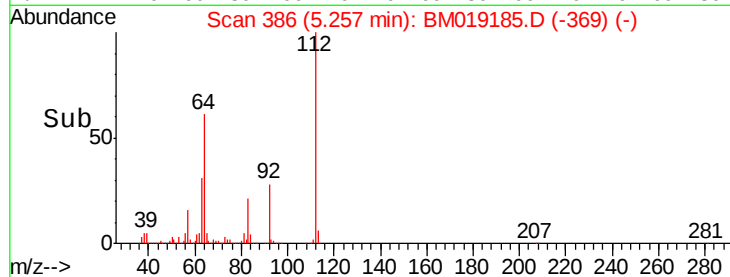
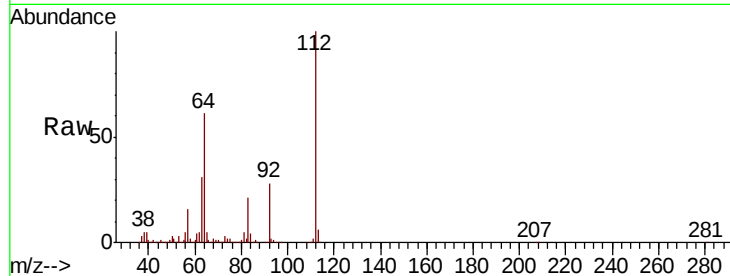
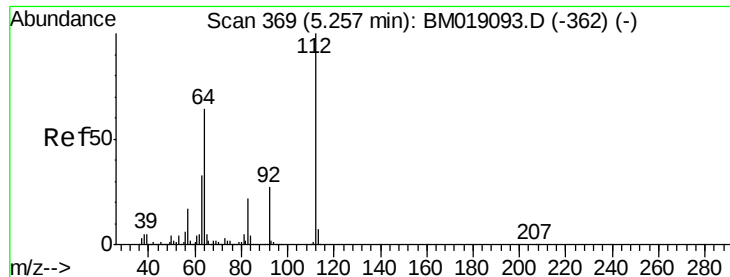
Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	42	Resp:	130445
Ion Ratio	Lower	Upper	
42	100		
74	180.3	156.3	234.5
44	6.5	4.6	7.0





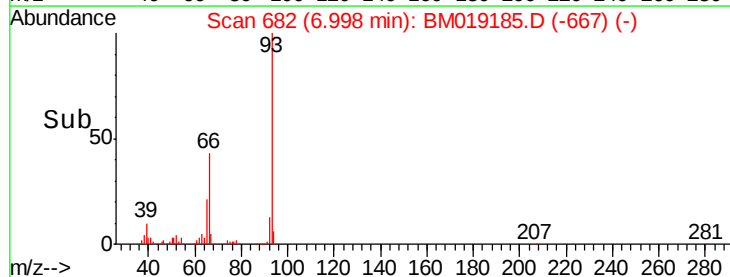
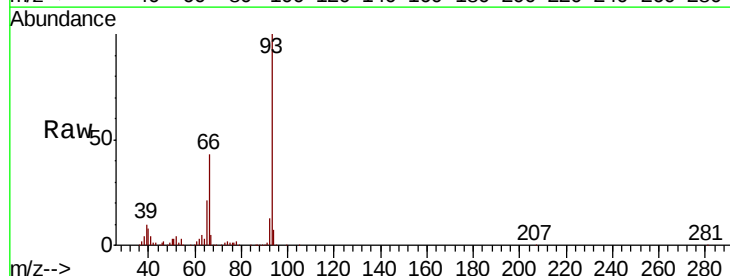
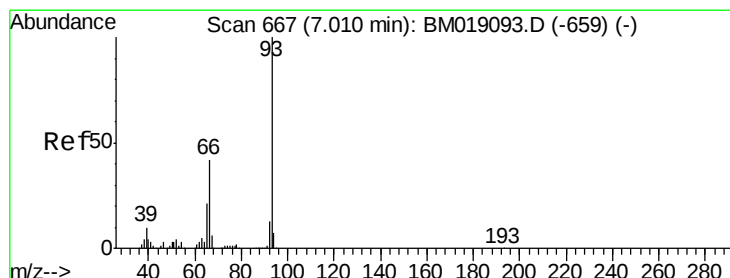
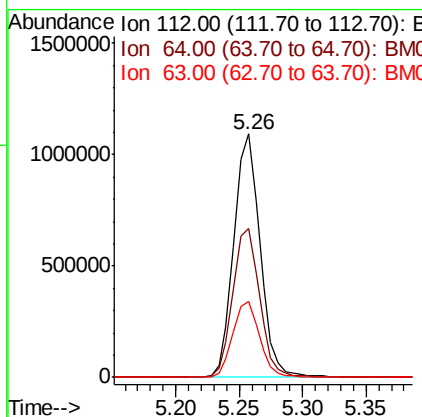
#5
2-Fluorophenol
Concen: 131.424 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.4	51.4	77.0
63	31.4	26.6	40.0

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RBR-200052MS

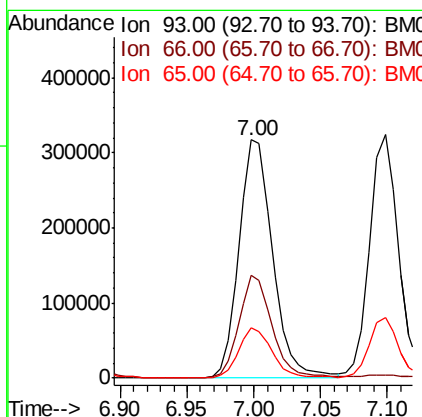
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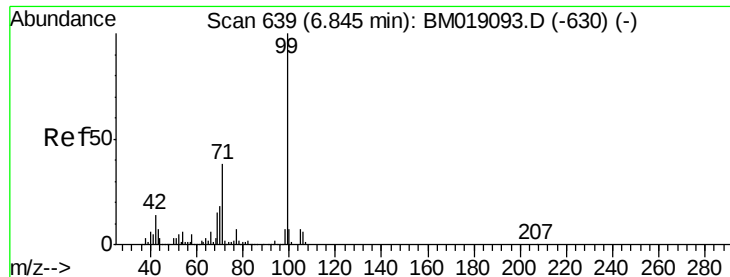
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#6
Aniline
Concen: 24.623 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.3	33.4	50.2
65	21.2	16.8	25.2





#7

Phenol-d6

Concen: 137.129 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion: 99 Resp: 2393297

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

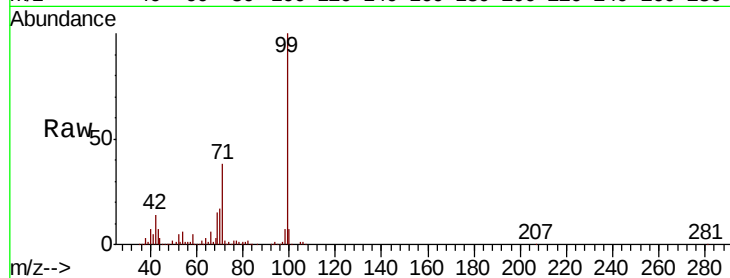
71 37.6 30.3 45.5

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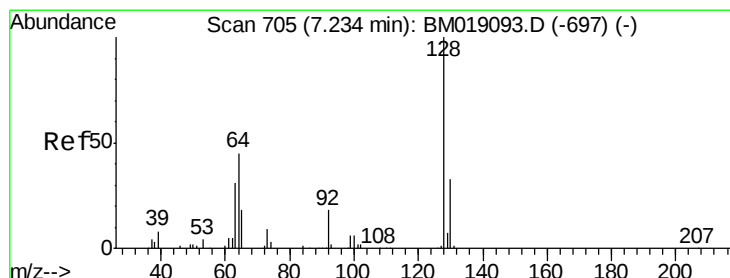
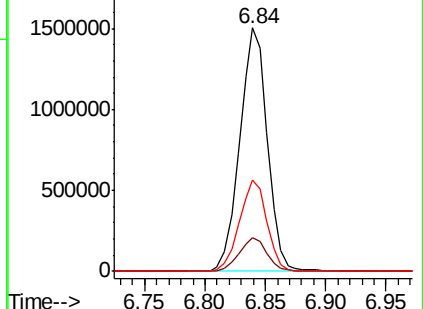
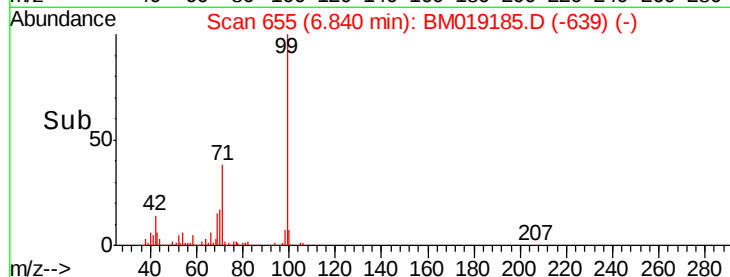
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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

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



#8

2-Chlorophenol

Concen: 36.286 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

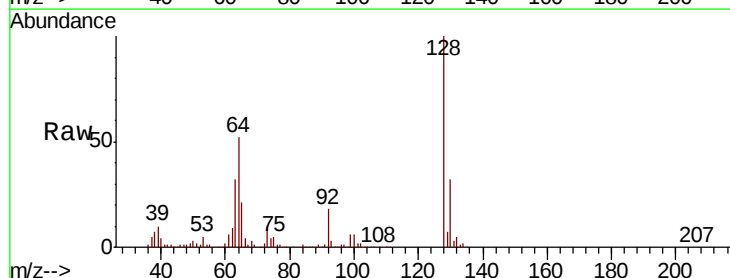
Tgt Ion: 128 Resp: 520293

Ion Ratio Lower Upper

128 100

130 31.7 12.8 52.8

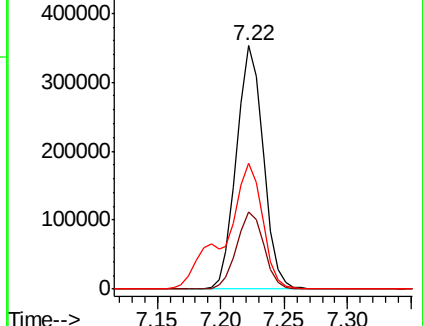
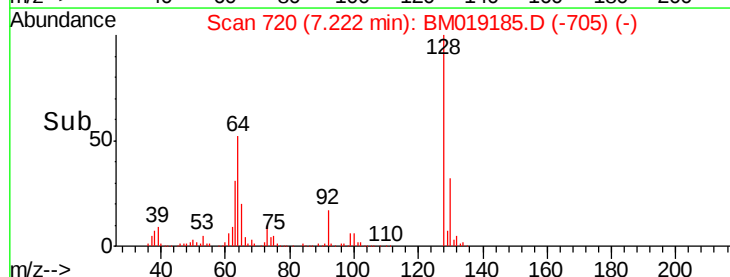
64 51.6 30.8 70.8



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

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

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





#9

Benzaldehyde

Concen: 18.846 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

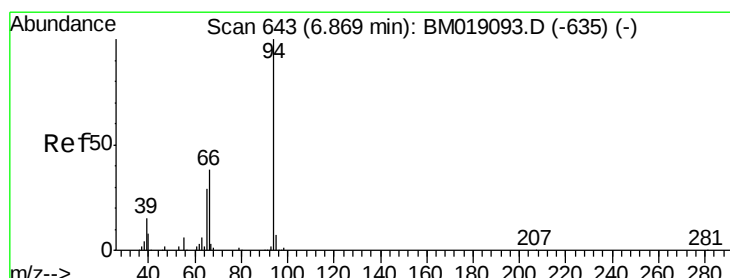
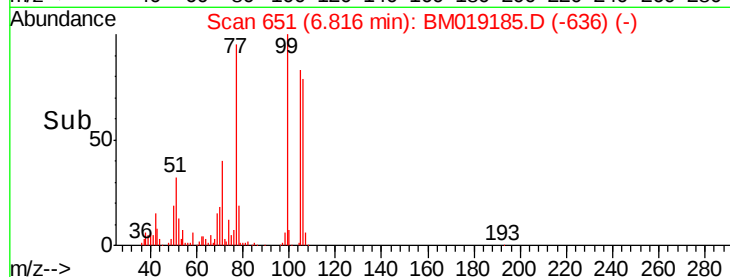
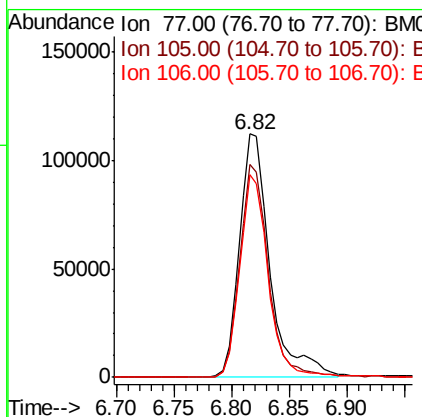
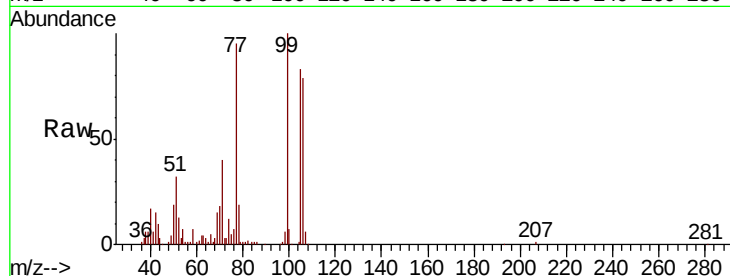
ClientSampleId :

RBR-200052MS

Tot Ion:	77	Resp:	206890
Ion Ratio	Lower	Upper	
77	100		
105	87.7	67.7	107.7
106	83.3	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 47.064 ng

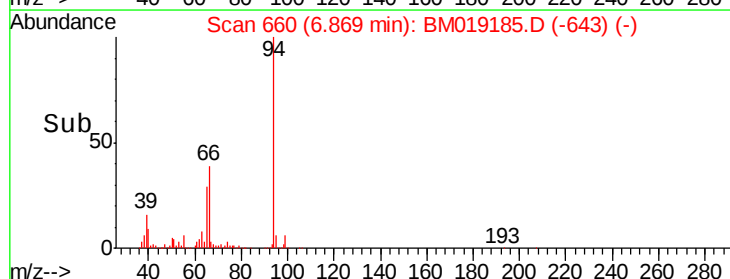
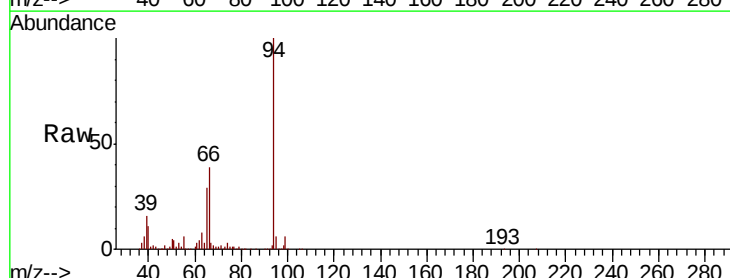
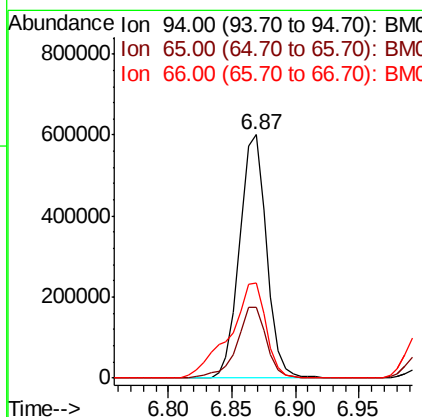
RT: 6.87 min Scan# 660

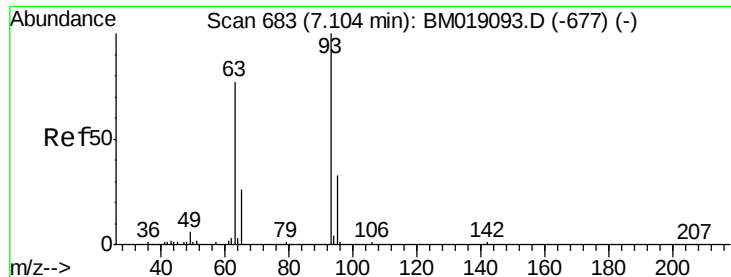
Delta R.T. -0.00 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	94	Resp:	885241
Ion Ratio	Lower	Upper	
94	100		
65	29.3	9.7	49.7
66	39.1	19.2	59.2





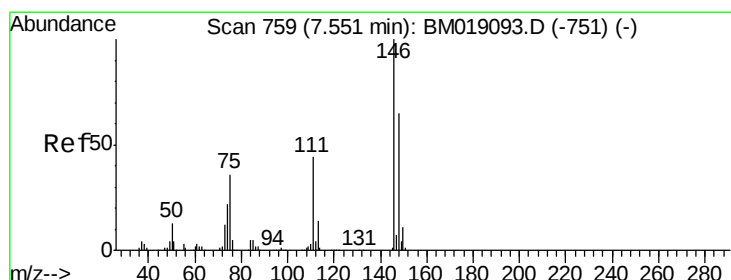
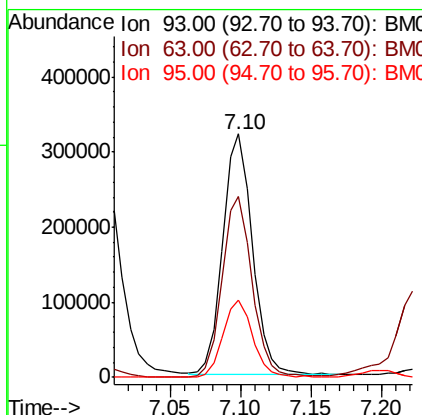
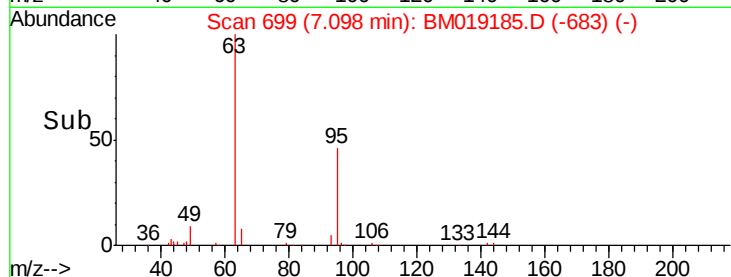
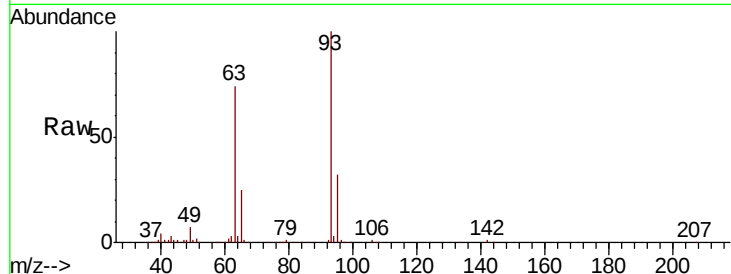
#11
bis(2-Chloroethyl)ether
Concen: 32.572 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	467492		
63	74.4	56.6	96.6	
95	32.0	13.0	53.0	

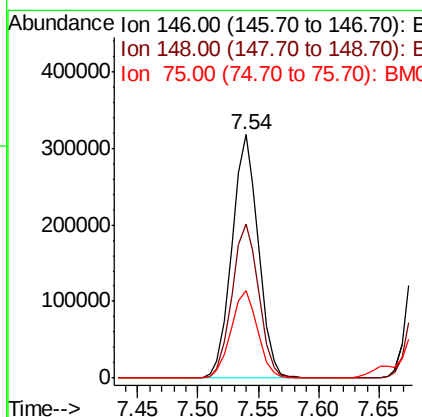
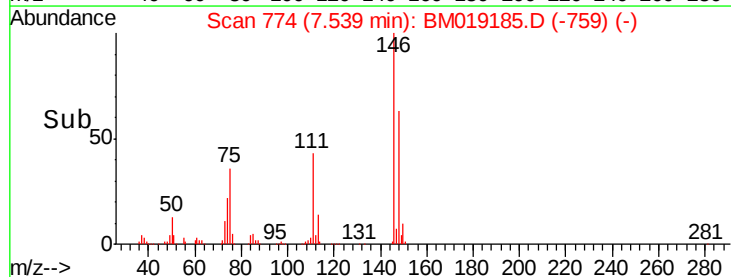
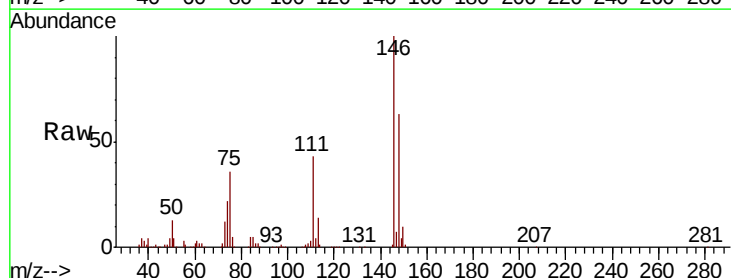
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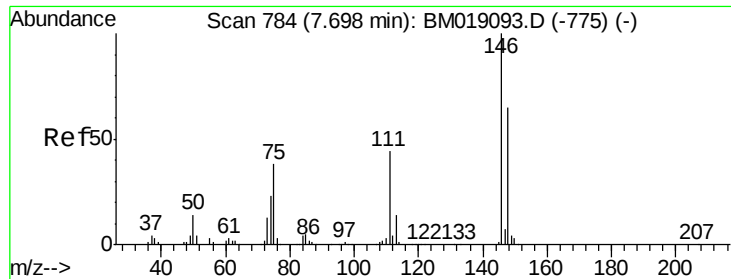
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#12
1,3-Dichlorobenzene
Concen: 31.861 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	483457		
148	63.1	51.7	77.5	
75	36.1	29.1	43.7	





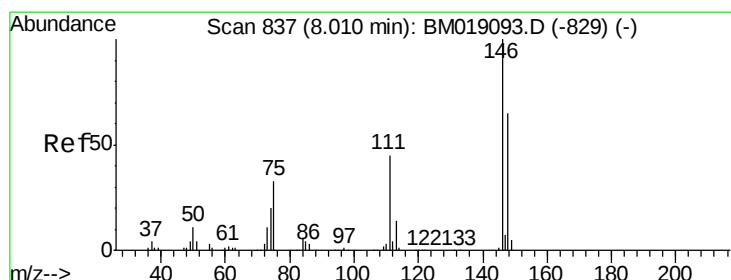
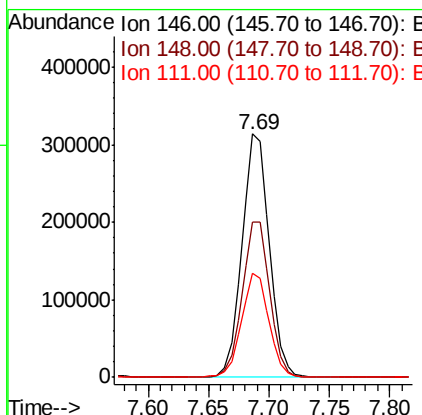
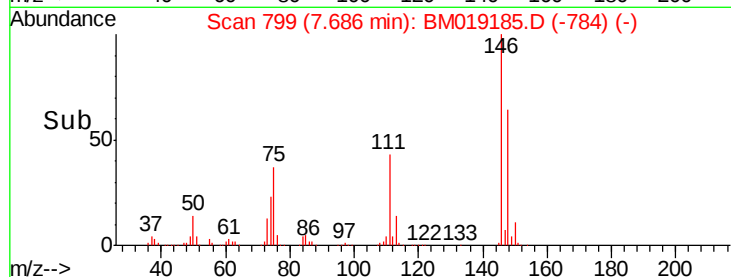
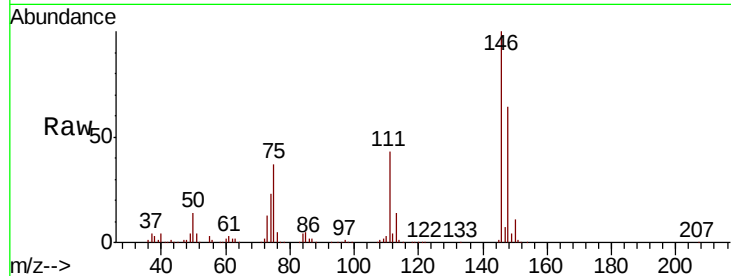
#13
 1,4-Dichlorobenzene
 Concen: 32.079 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	42.8	35.4	53.0

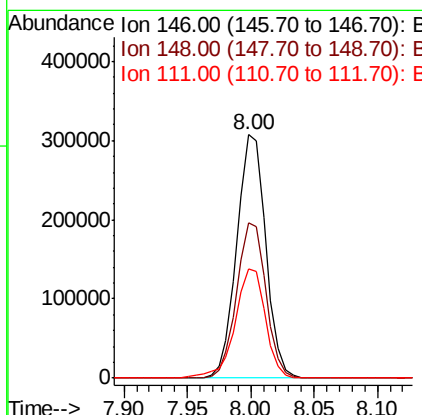
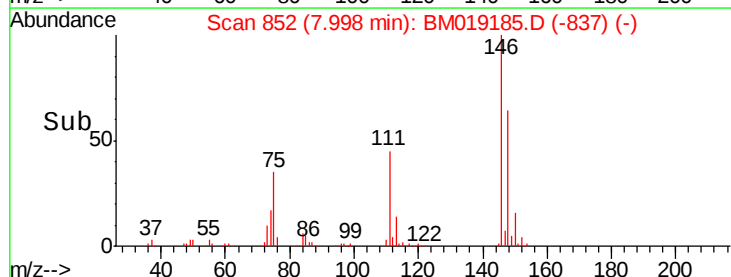
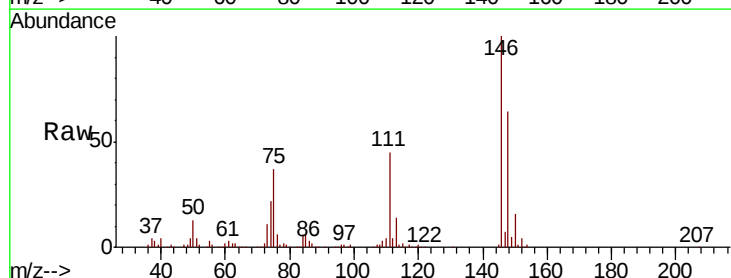
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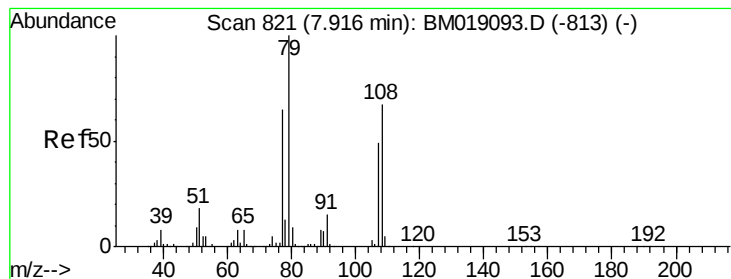
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#14
 1,2-Dichlorobenzene
 Concen: 32.369 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	44.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 35.612 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

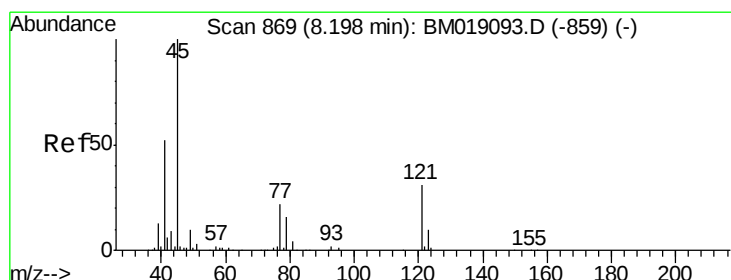
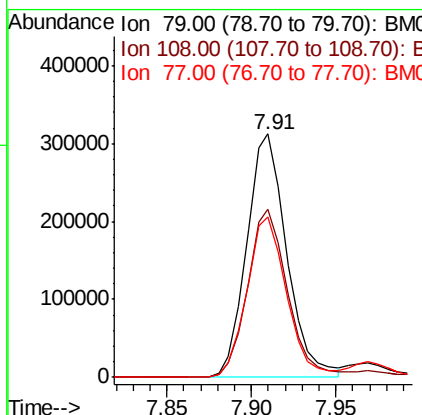
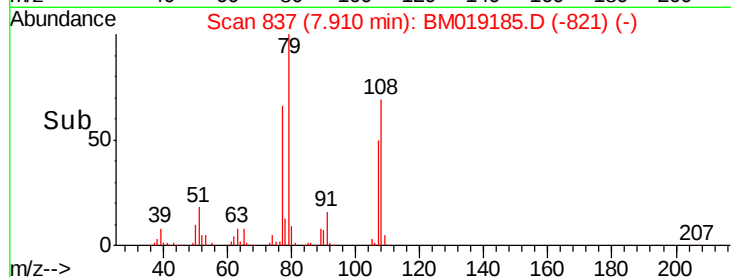
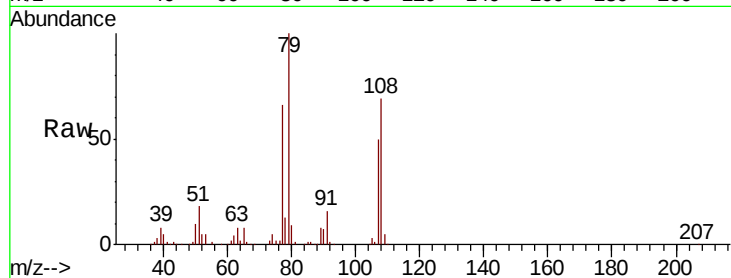
ClientSampleId :

RBR-200052MS

Tot Ion:	79	Resp:	514398
Ion Ratio	Lower	Upper	
79	100		
108	69.2	53.7	80.5
77	65.7	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.802 ng

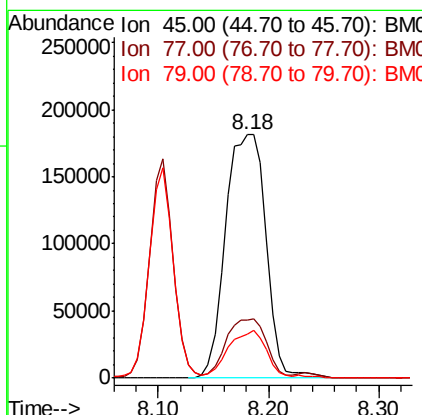
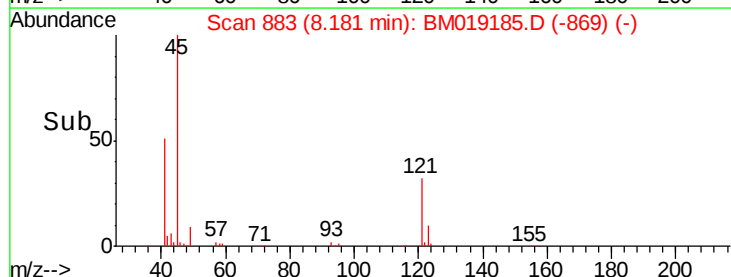
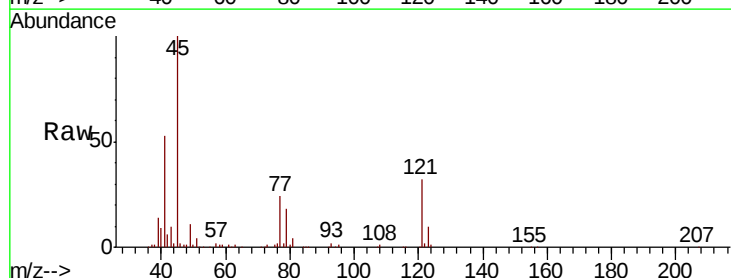
RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	45	Resp:	466063
Ion Ratio	Lower	Upper	
45	100		
77	23.7	4.1	44.1
79	18.2	0.0	38.1





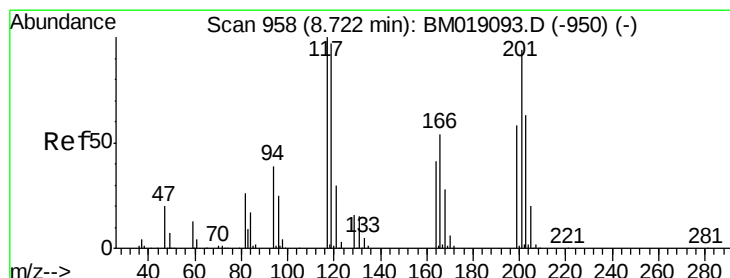
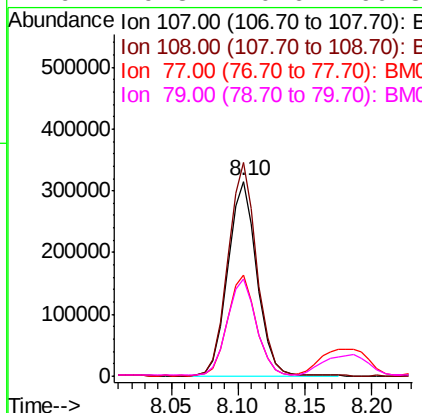
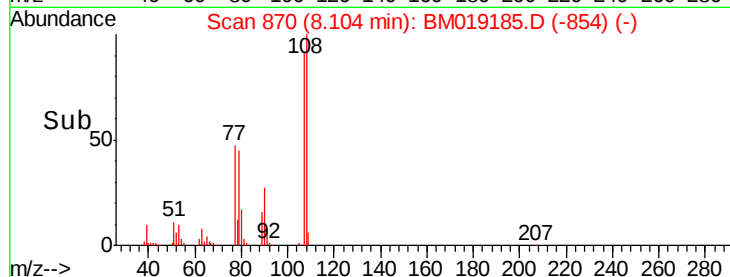
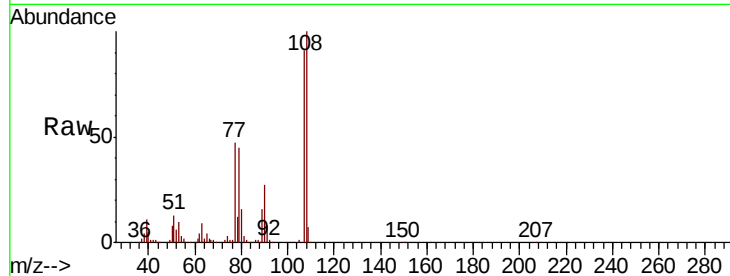
#17
2-Methylphenol
Concen: 38.917 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampled :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.4	131.2	
77	51.7	41.6	62.4	
79	49.8	40.6	60.8	

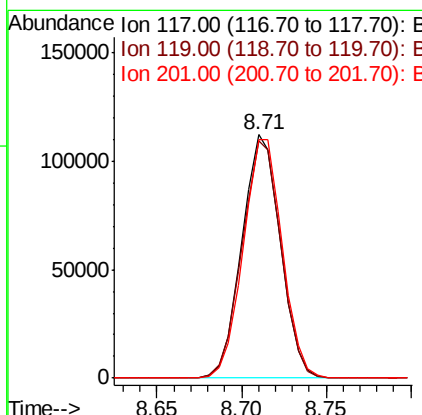
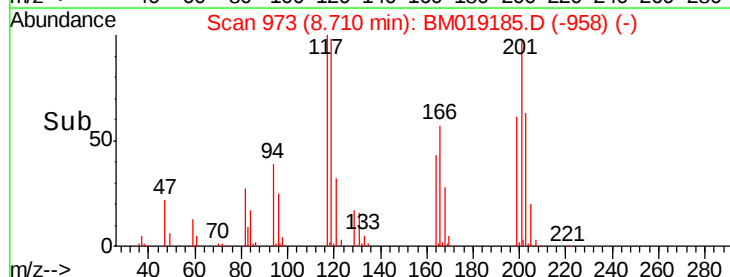
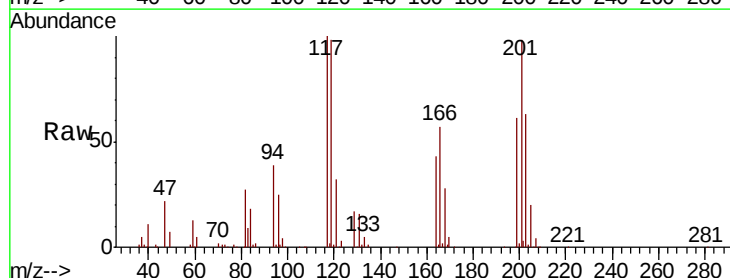
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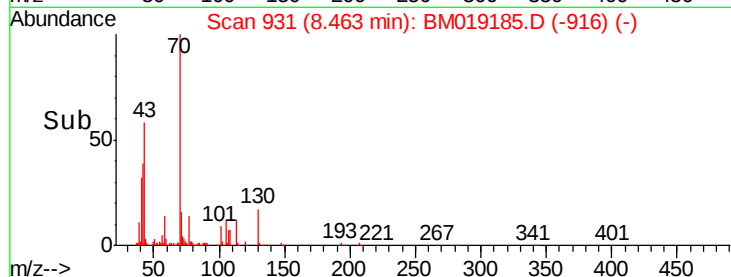
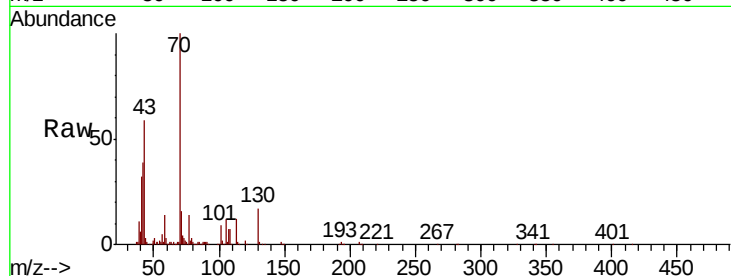
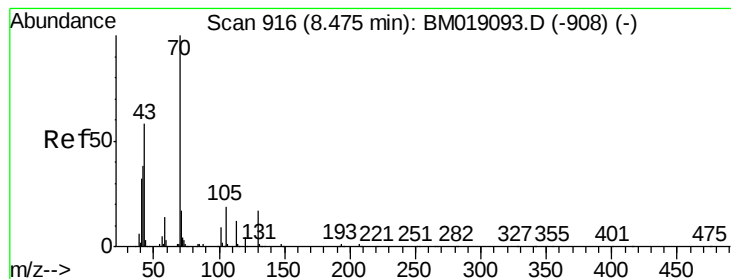
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#18
Hexachloroethane
Concen: 31.017 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.4	116.2	
201	98.2	75.2	112.8	





#19

n-Nitroso-di-n-propylamine

Concen: 32.903 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.7	30.6	45.8
101	8.7	6.8	10.2
130	17.3	13.9	20.9

Instrument :

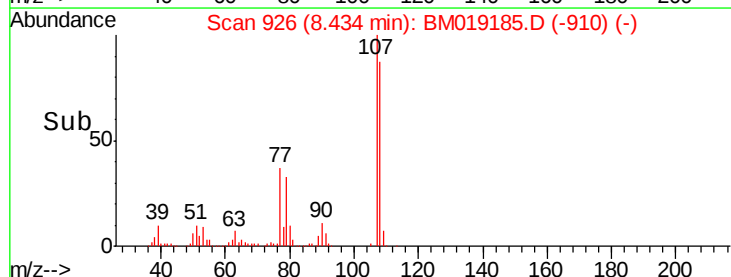
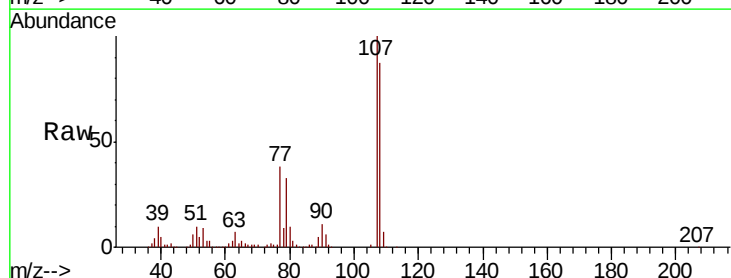
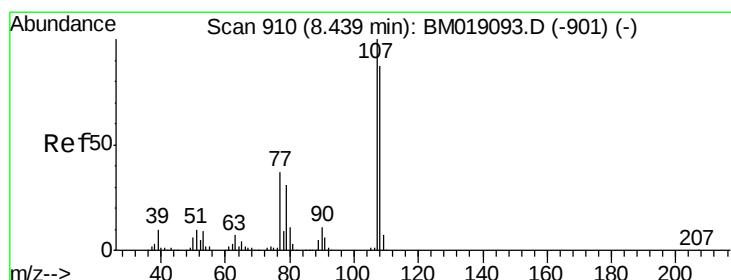
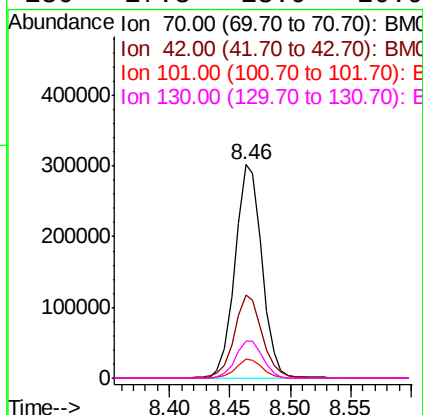
BNA_M

ClientSampleId :

RBR-200052MS

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#20

3+4-Methylphenols

Concen: 39.457 ng

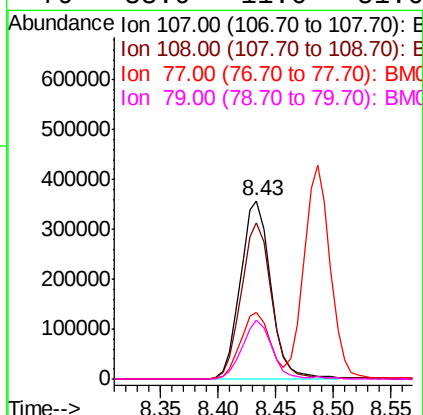
RT: 8.43 min Scan# 926

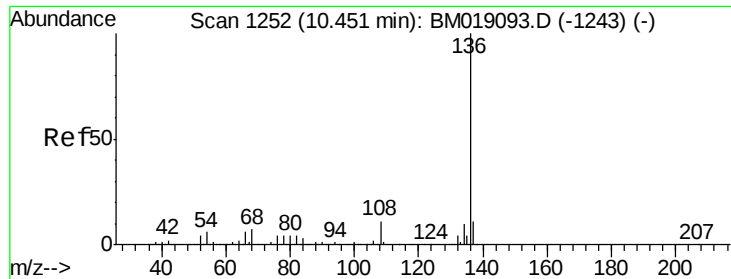
Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.0	107.0
77	37.6	17.3	57.3
79	33.0	11.6	51.6





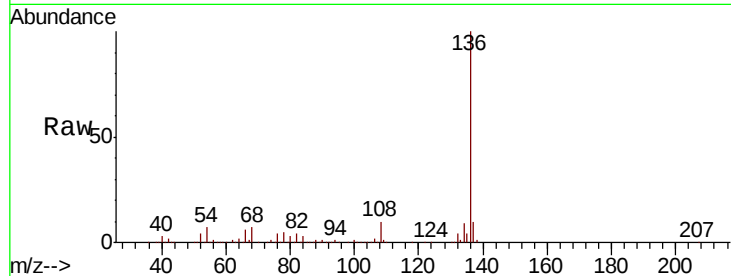
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	894345		
137	10.4	8.6	13.0	
54	6.9	5.2	7.8	
68	7.5	5.8	8.8	

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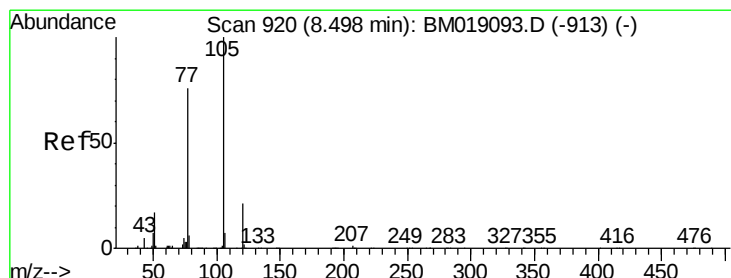
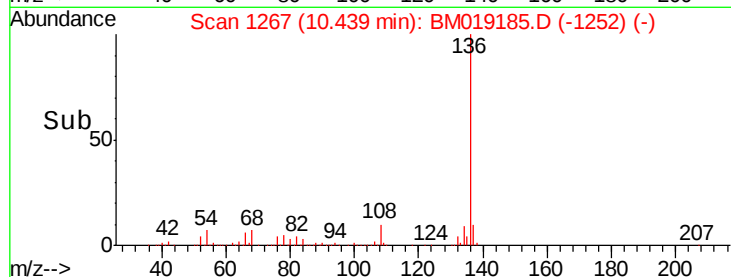
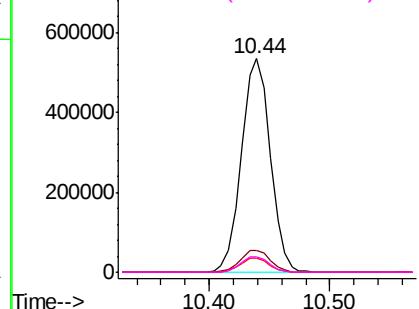
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 31.581 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	780551		
71	1.2	0.8	1.2	
51	20.2	15.8	23.6	
120	21.0	17.0	25.4	

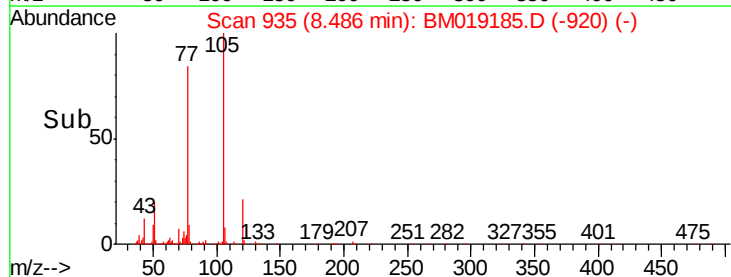
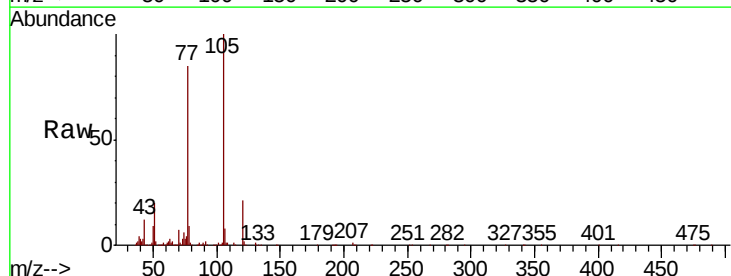
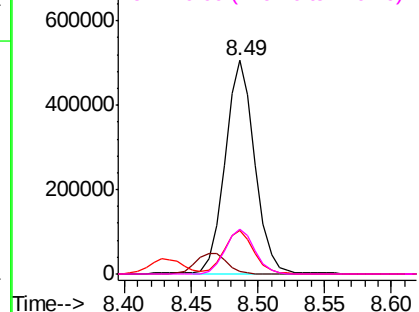
Abundance

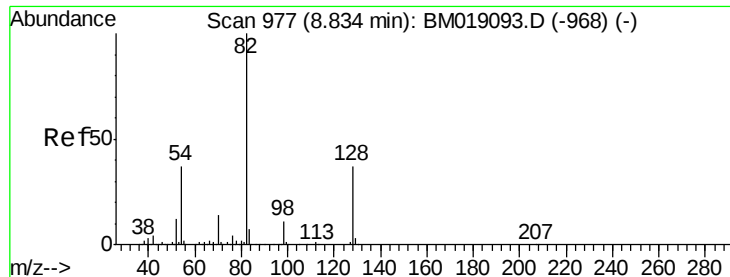
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.957 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion: 82 Resp: 1456010

Ion Ratio Lower Upper

82 100

128 38.3 29.4 44.2

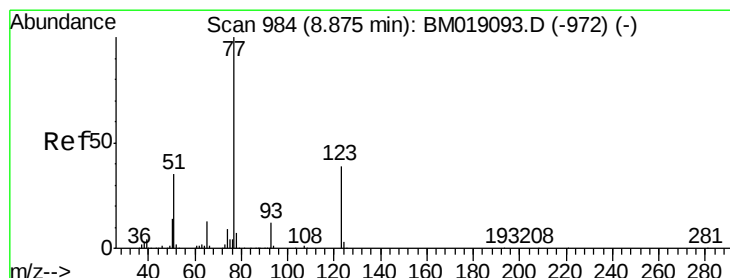
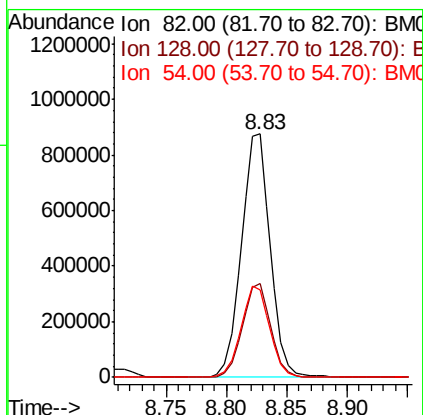
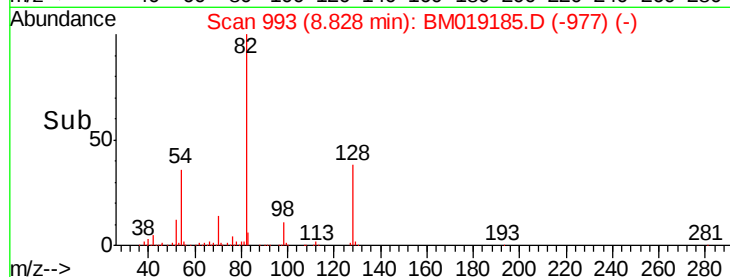
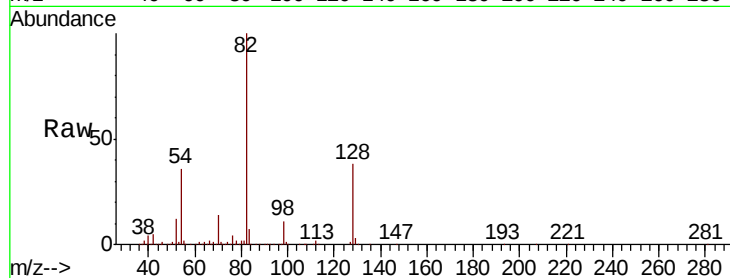
54 36.2 29.9 44.9

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#24

Nitrobenzene

Concen: 33.818 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

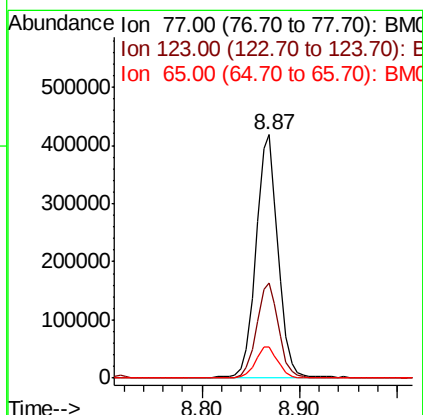
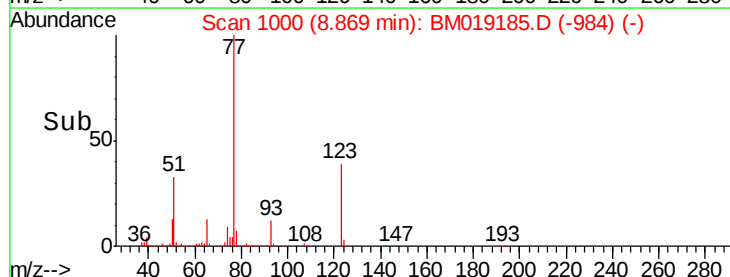
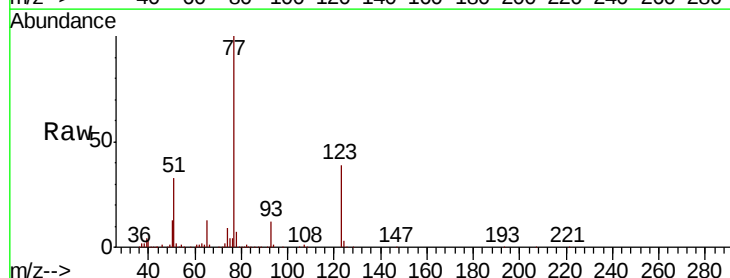
Tgt Ion: 77 Resp: 665441

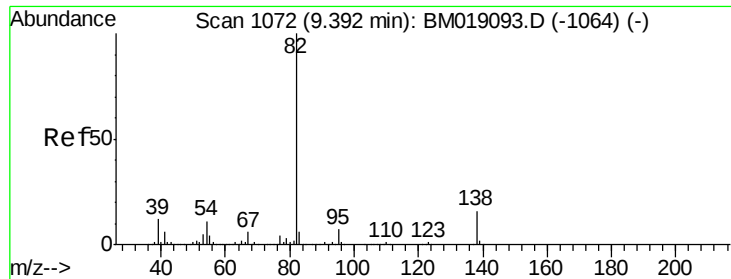
Ion Ratio Lower Upper

77 100

123 39.3 31.3 46.9

65 12.7 10.5 15.7





#25

Isophorone

Concen: 33.889 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

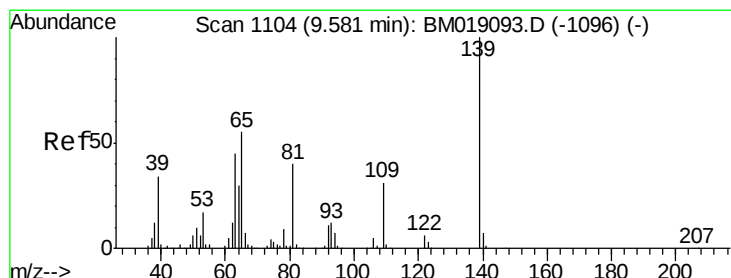
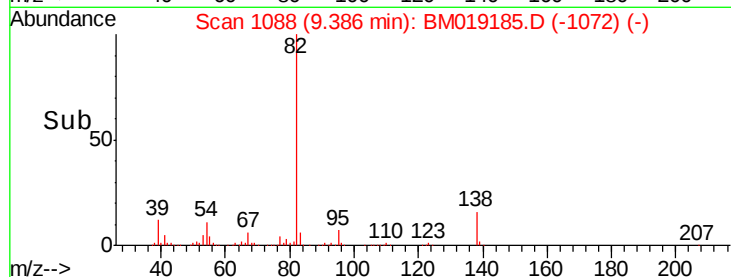
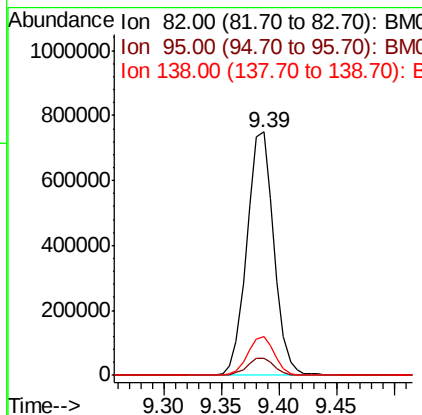
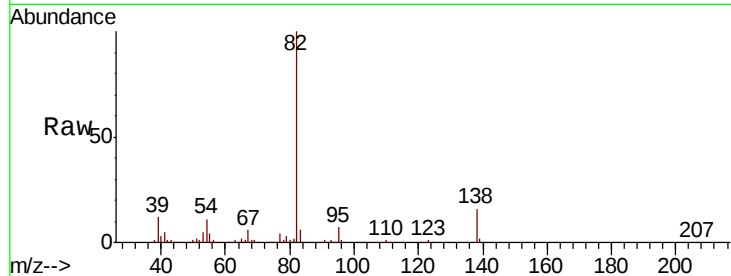
ClientSampleId :

RBR-200052MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	15.9	12.6	18.8

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#26

2-Nitrophenol

Concen: 35.315 ng

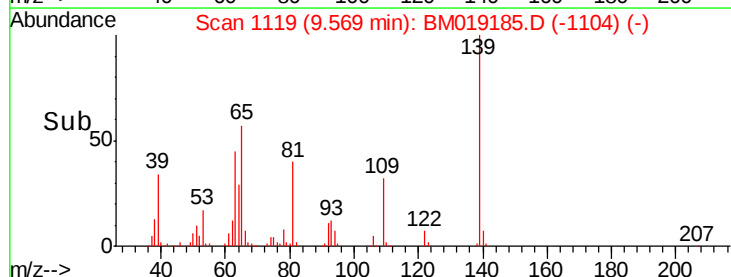
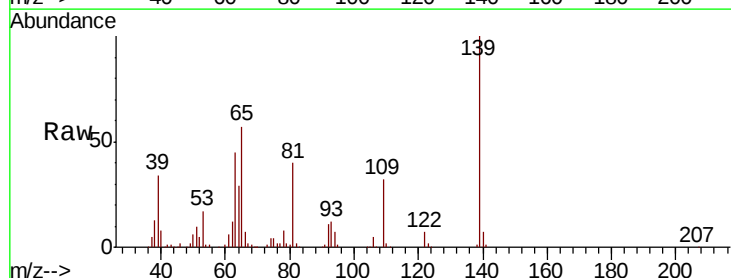
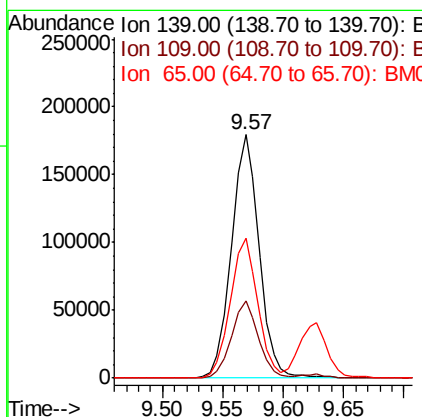
RT: 9.57 min Scan# 1119

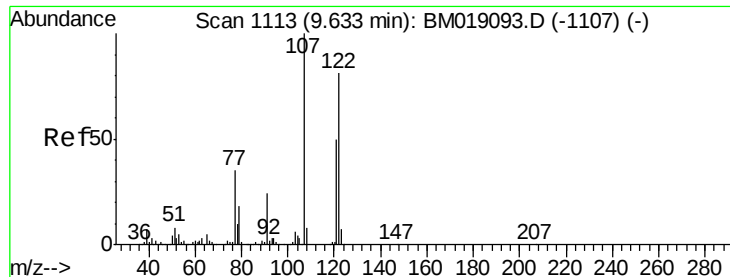
Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.7	24.5	36.7
65	57.3	44.4	66.6





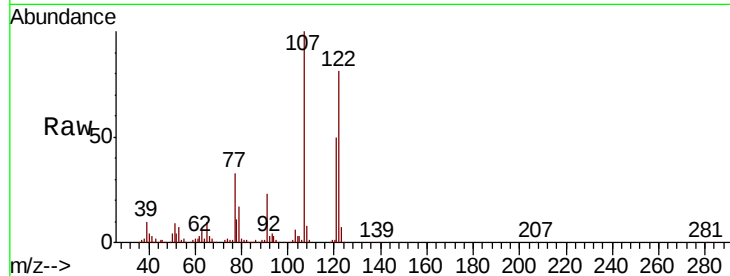
#27
 2,4-Dimethylphenol
 Concen: 43.577 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.8	98.2	147.4	
121	60.9	48.8	73.2	

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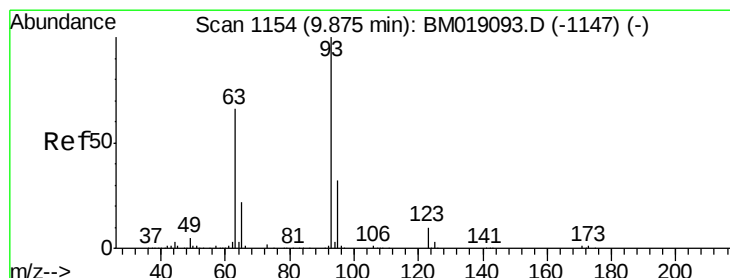
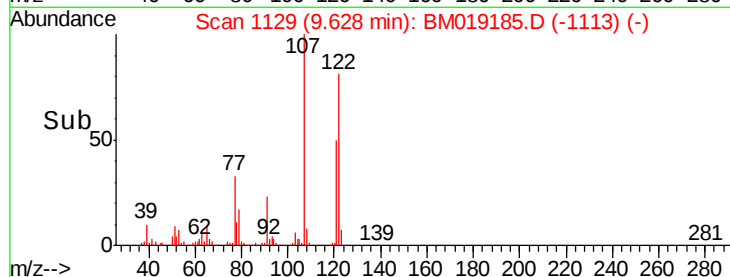
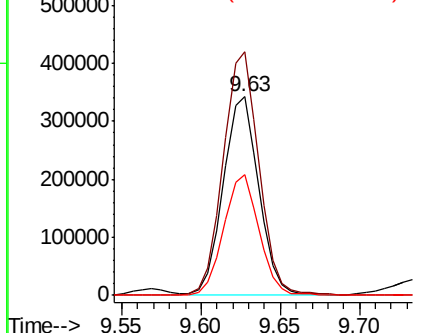


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.715 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

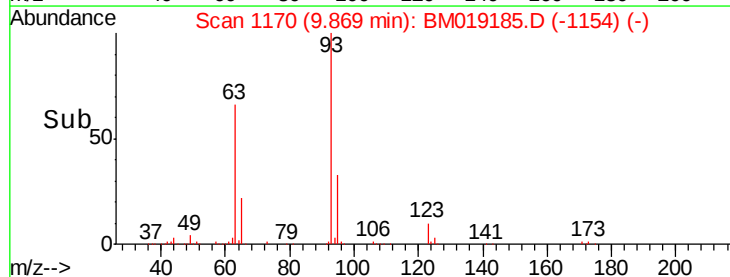
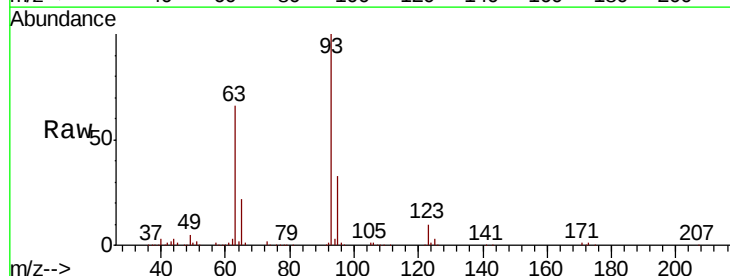
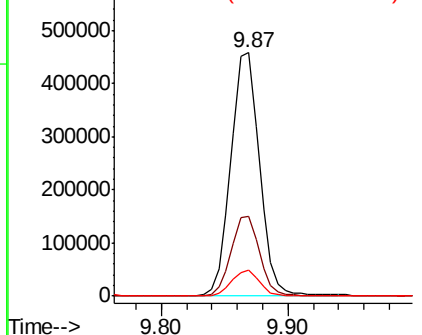
Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	25.8	38.8	
123	10.5	7.9	11.9	

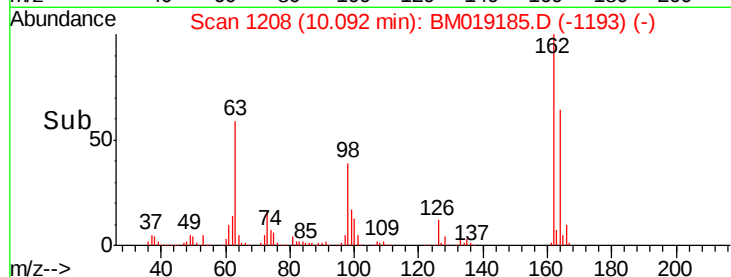
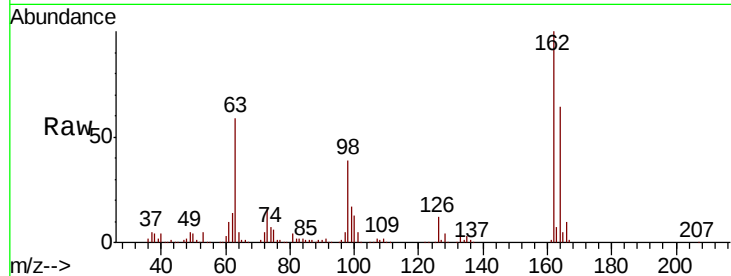
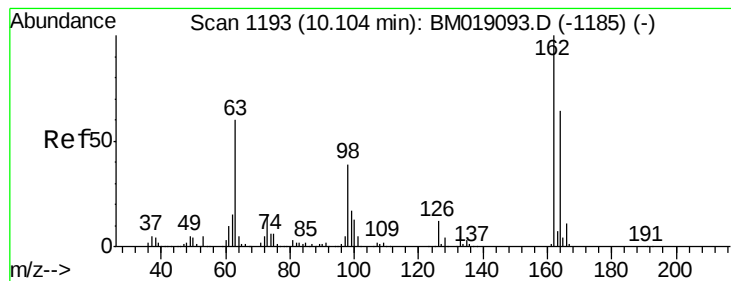
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.393 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

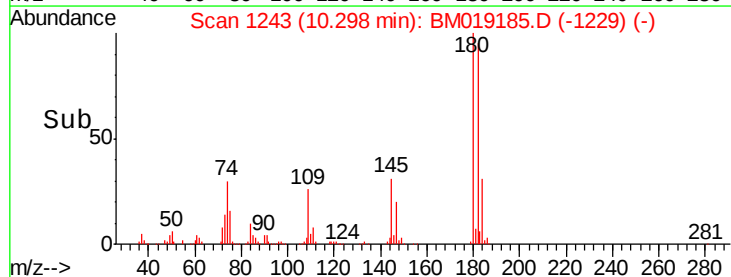
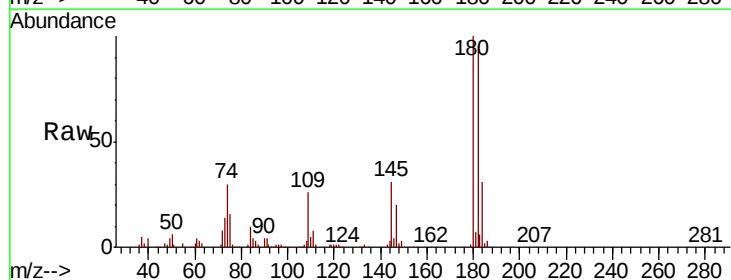
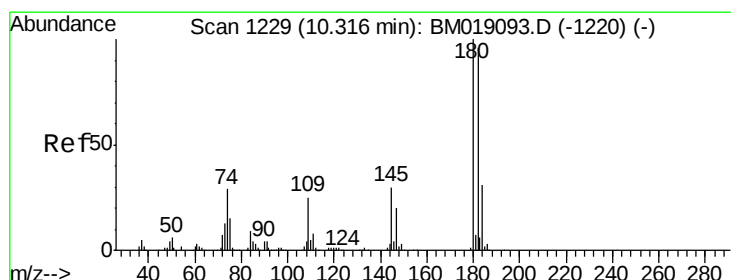
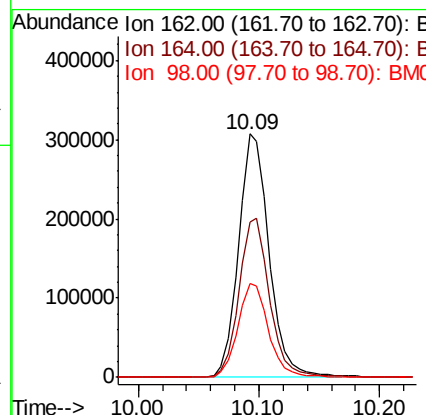
ClientSampleId :

RBR-200052MS

Tot Ion:	162	Resp:	542449
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.5	83.5
98	38.7	19.1	59.1

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#30

1,2,4-Trichlorobenzene

Concen: 34.070 ng

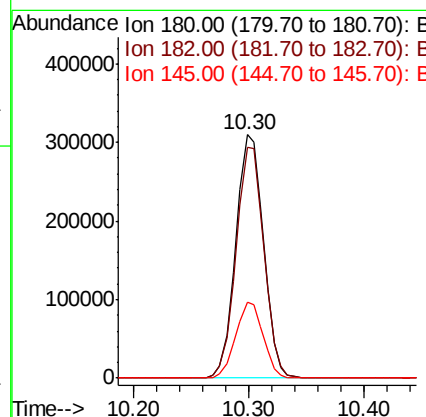
RT: 10.30 min Scan# 1243

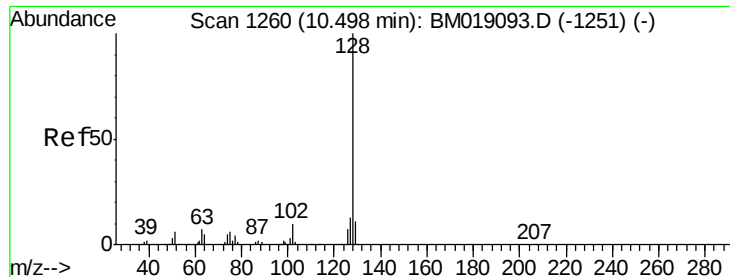
Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	180	Resp:	515917
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.6	114.8
145	31.4	24.3	36.5





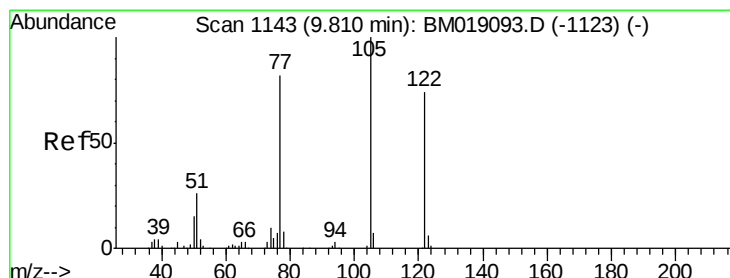
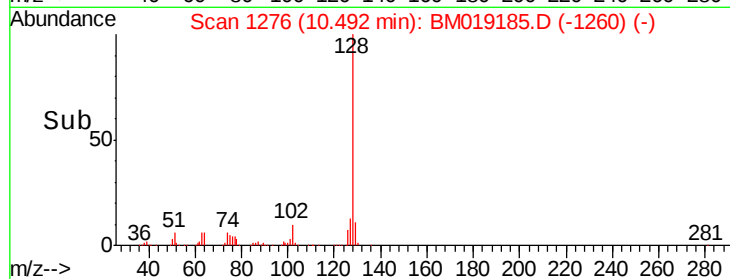
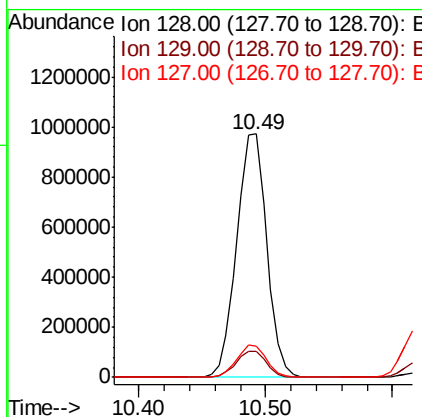
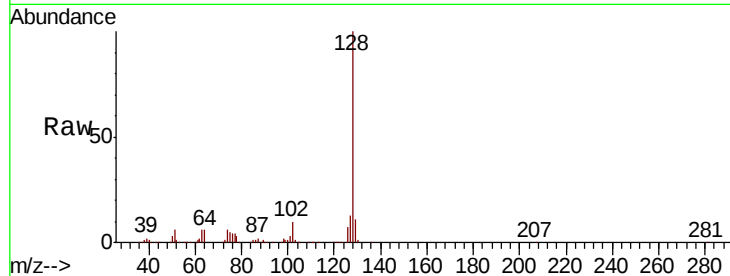
#31
Naphthalene
Concen: 33.953 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.4	15.6

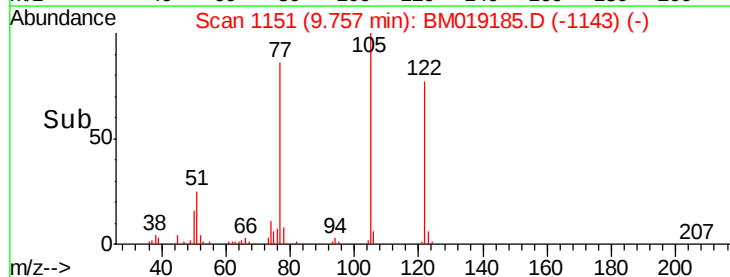
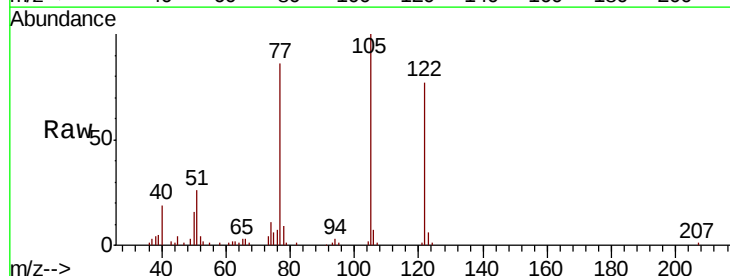
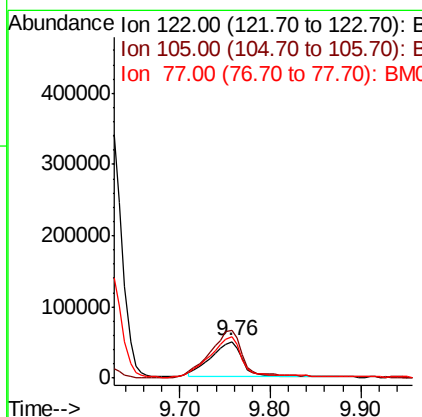
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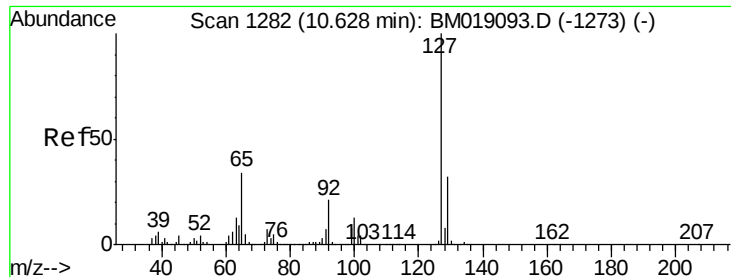
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#32
Benzoic acid
Concen: 11.519 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	113.0	153.0
77	112.4	90.1	130.1





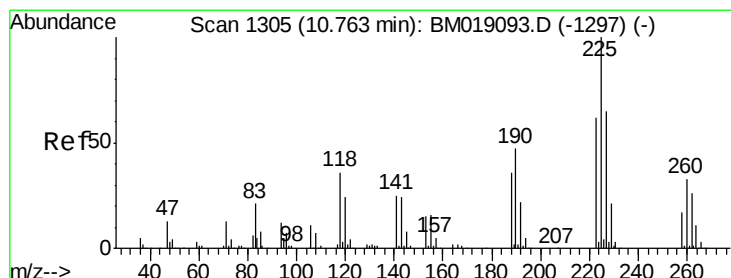
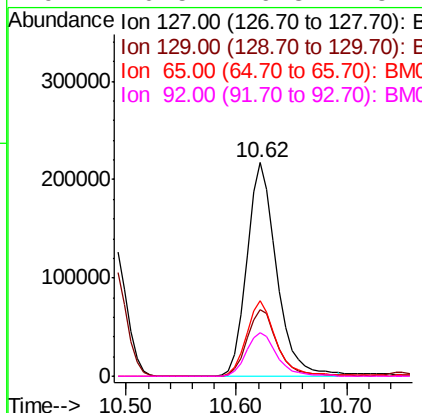
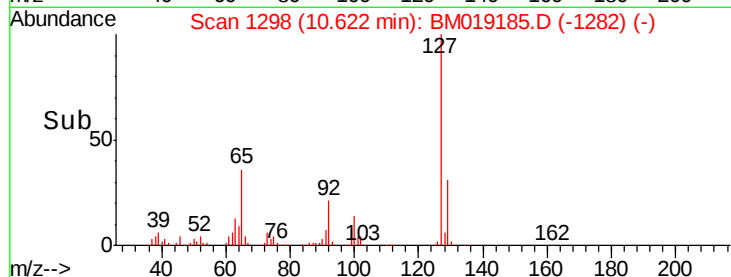
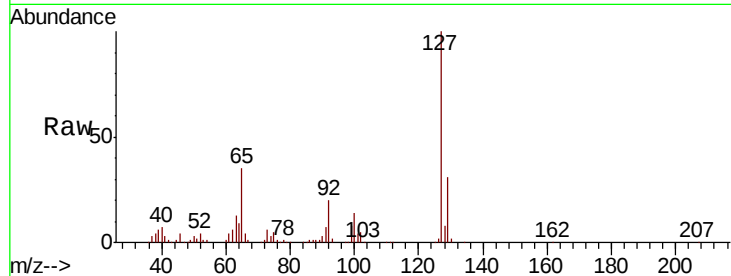
#33
4-Chloroaniline
Concen: 21.231 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.3	37.9		
65	35.5	27.4	41.2		
92	20.5	16.8	25.2		

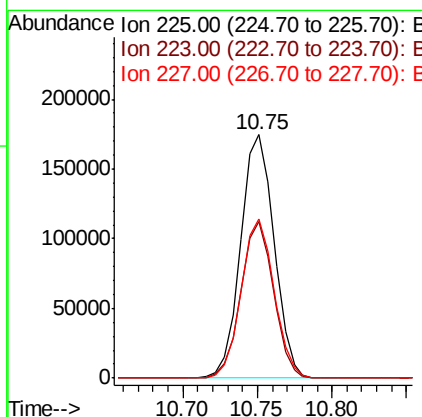
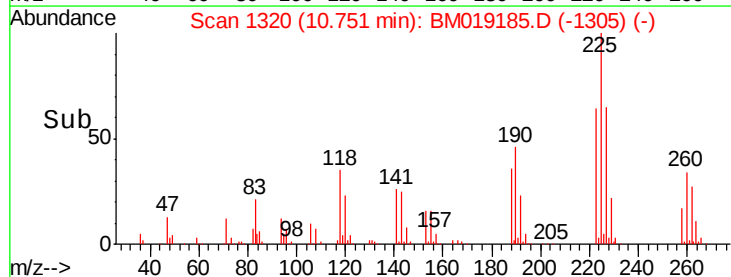
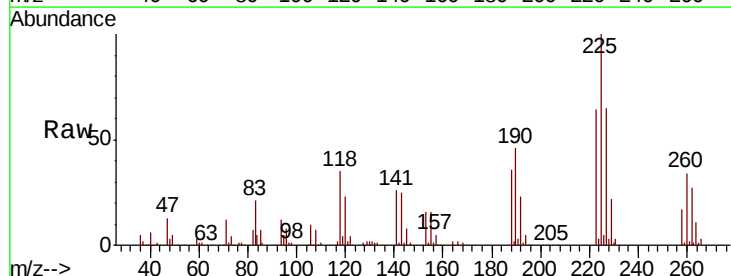
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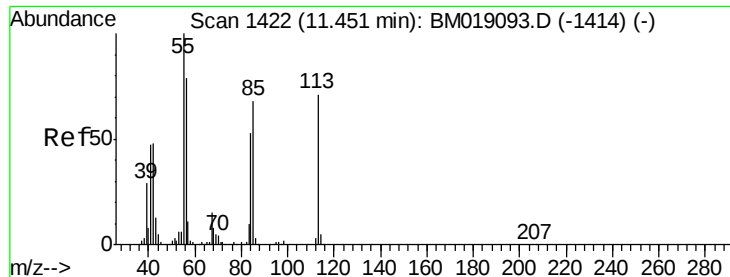
Sohil
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#34
Hexachlorobutadiene
Concen: 31.201 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.4	74.0		
227	65.3	51.6	77.4		





#35

Caprolactam

Concen: 38.083 ng/ml

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:113 Resp: 182180

Ion Ratio Lower Upper

113 100

55 134.2 120.1 160.1

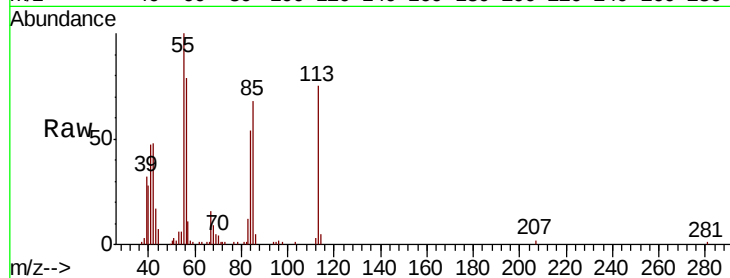
56 106.6 90.1 130.1

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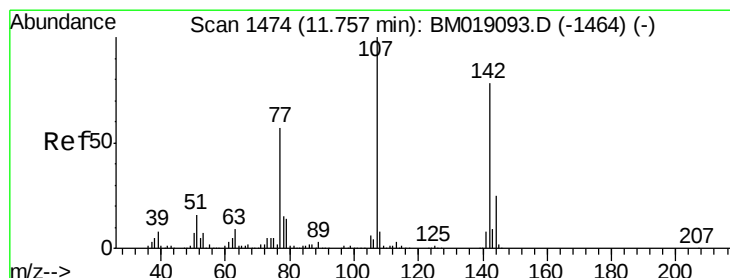
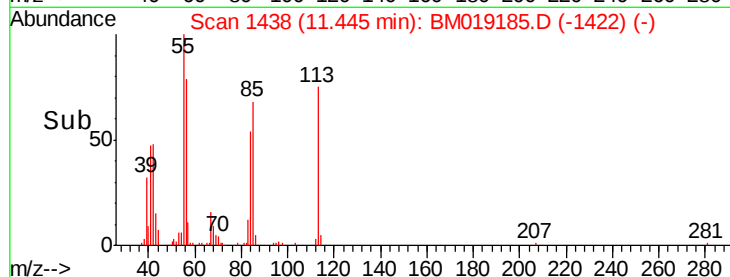
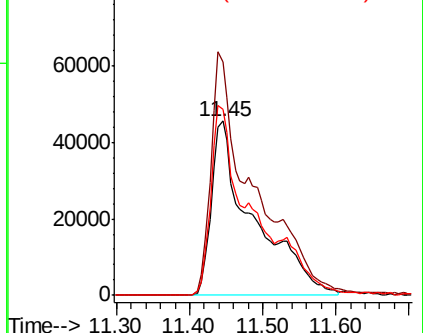
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.011 ng/ml

RT: 11.75 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

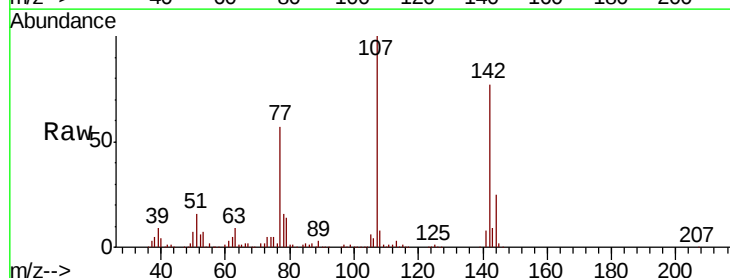
Tgt Ion:107 Resp: 646418

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.4

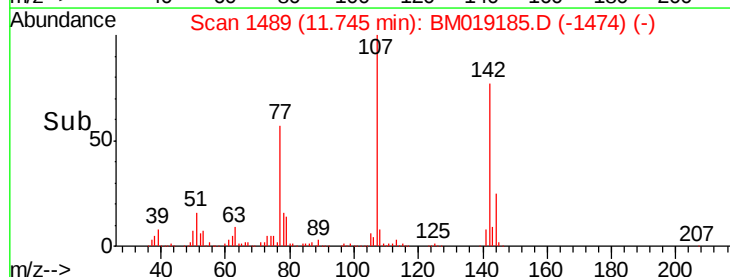
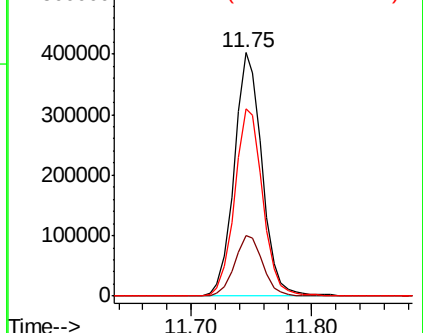
142 77.0 62.4 93.6

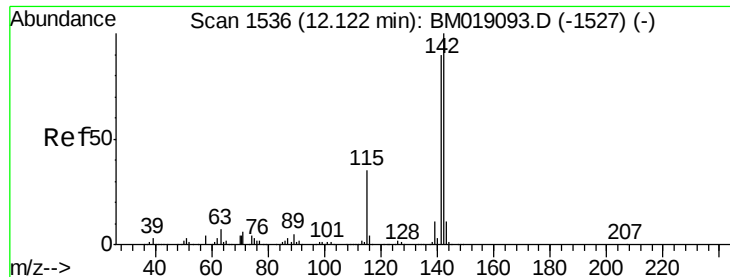


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





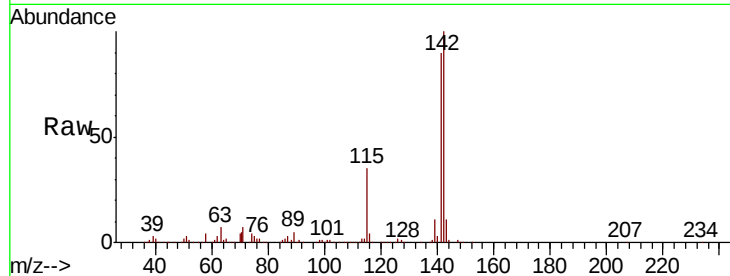
#37
2-Methylnaphthalene
Concen: 35.971 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	35.2	27.8	41.8

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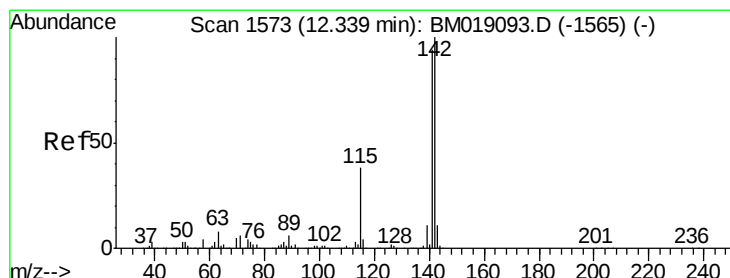
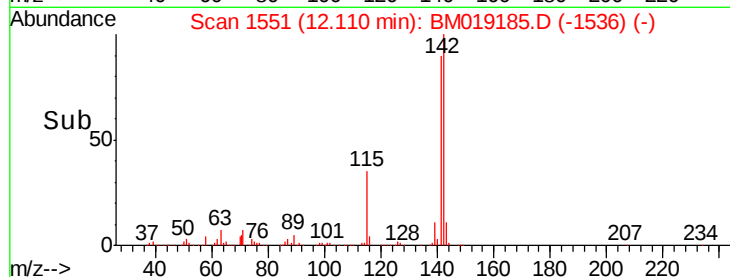
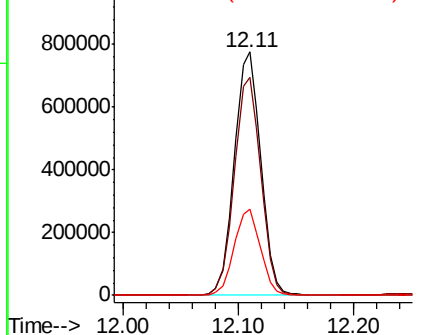


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.971 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

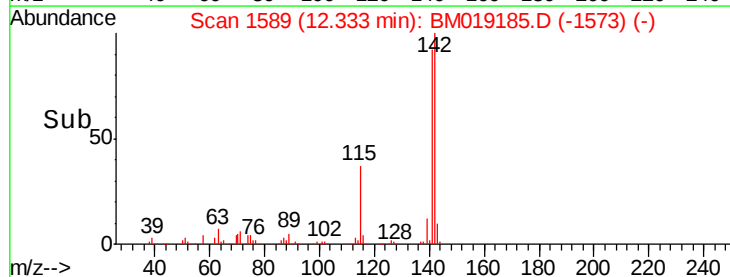
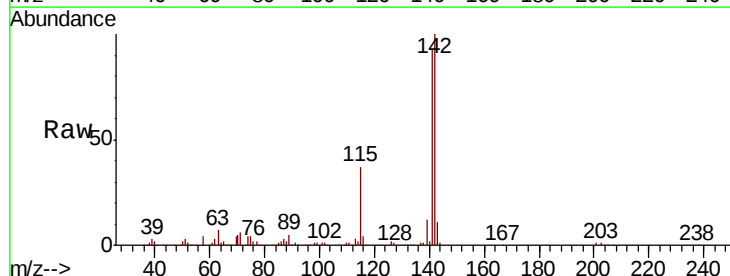
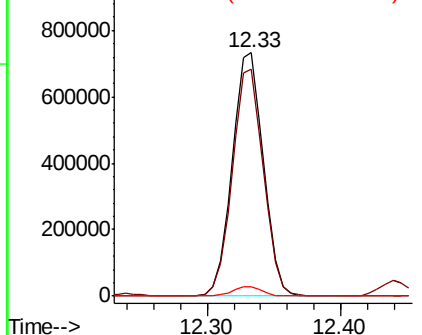
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.9	112.3
116	3.8	3.2	4.8

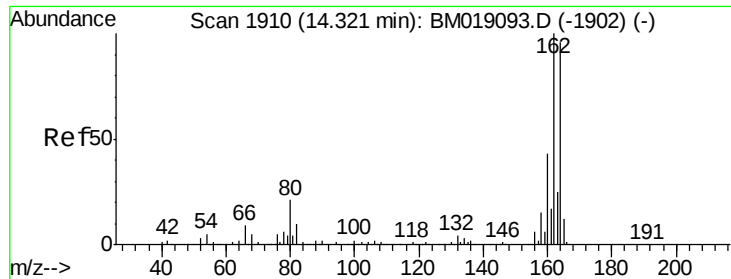
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





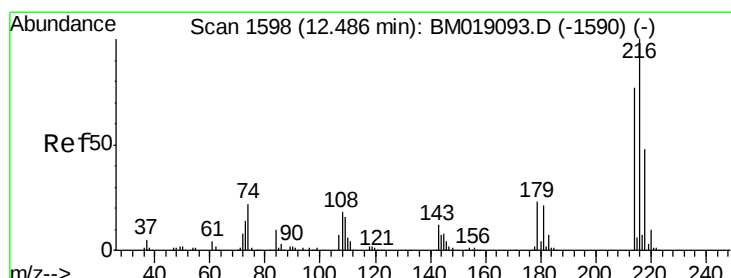
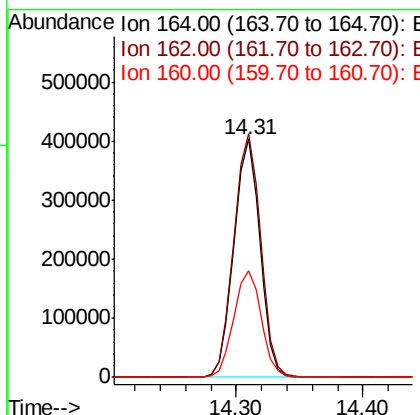
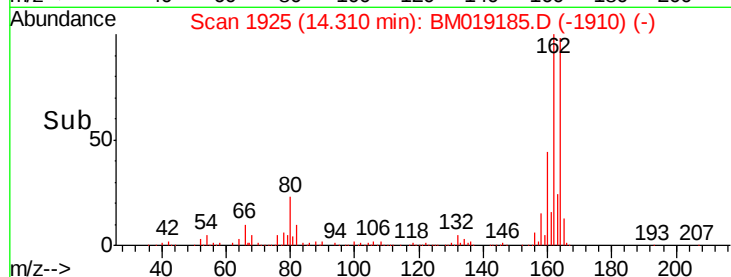
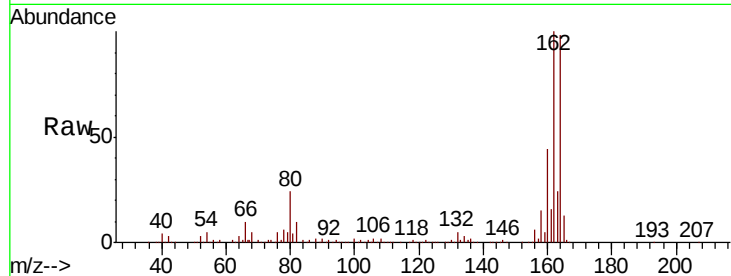
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.5	125.3
160	44.8	36.3	54.5

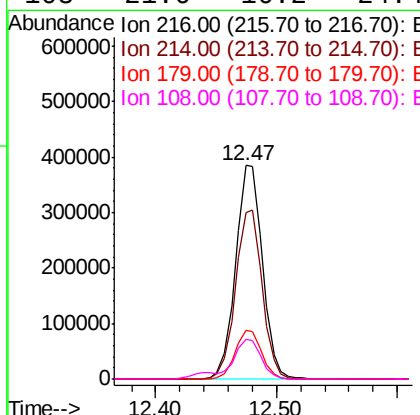
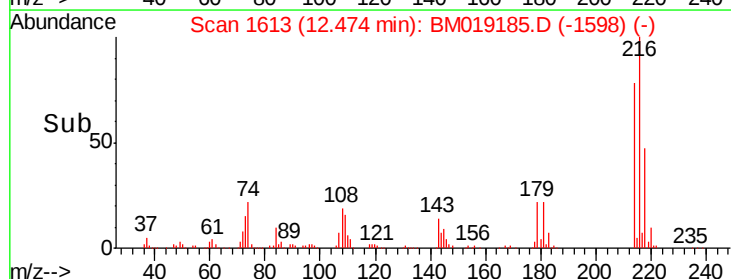
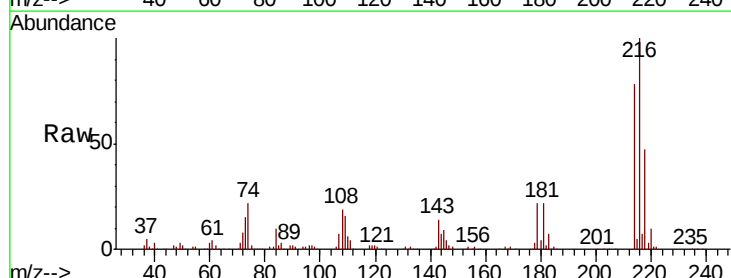
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.899 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	22.3	18.0	27.0
108	21.6	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 64.306 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

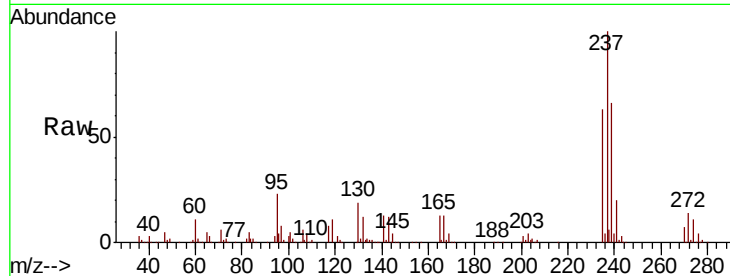
ClientSampleId :

RBR-200052MS

Tot Ion:	237	Resp:	525938
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.3	81.3
272	13.6	0.0	33.1

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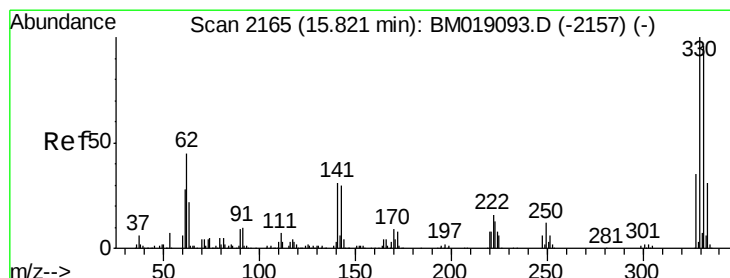
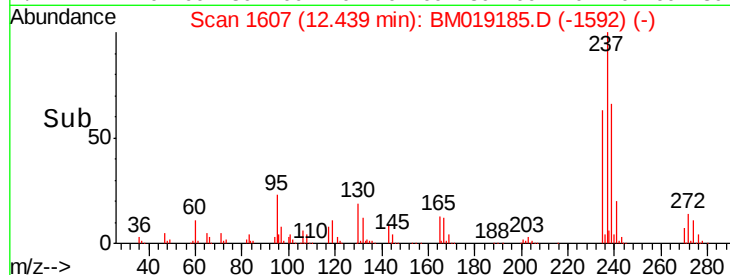
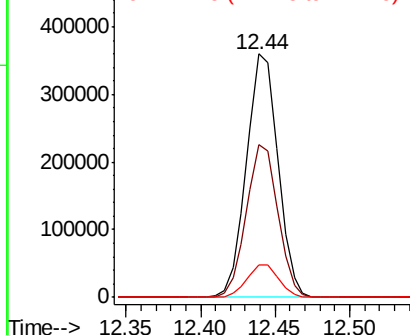


Abundance

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: 128.338 ng

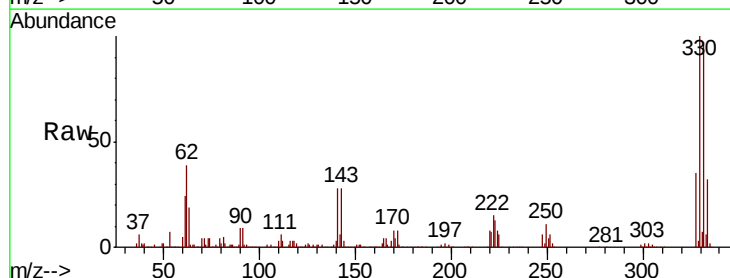
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	330	Resp:	1081593
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	32.4	27.0	40.4

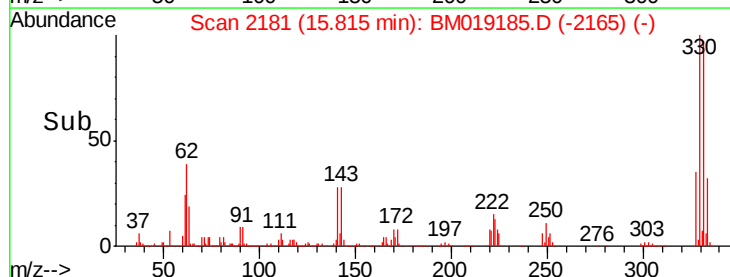
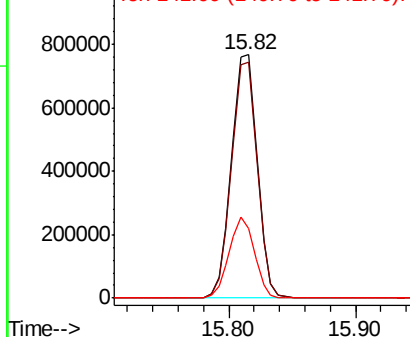


Abundance

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





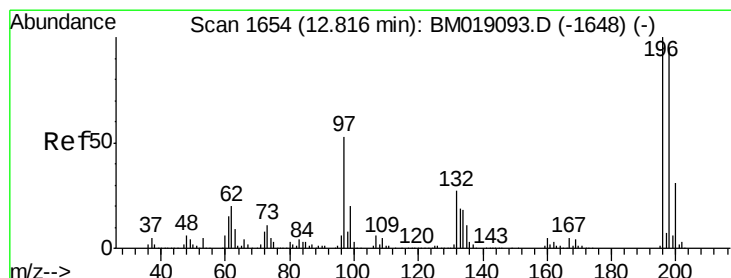
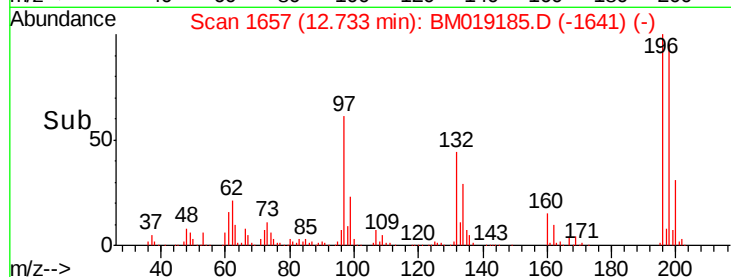
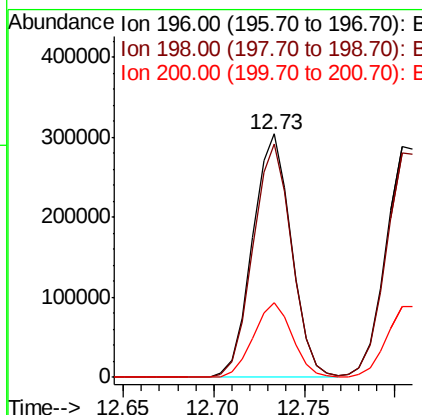
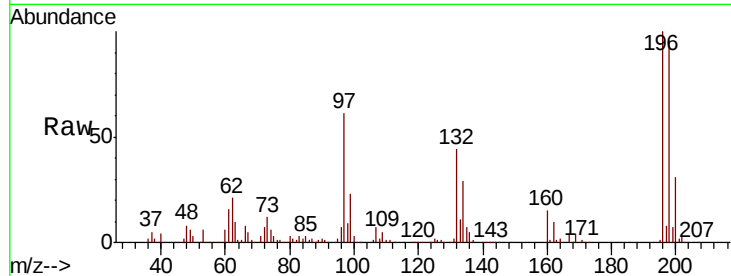
#43
 2,4,6-Trichlorophenol
 Concen: 38.775 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	30.8	24.2	36.2

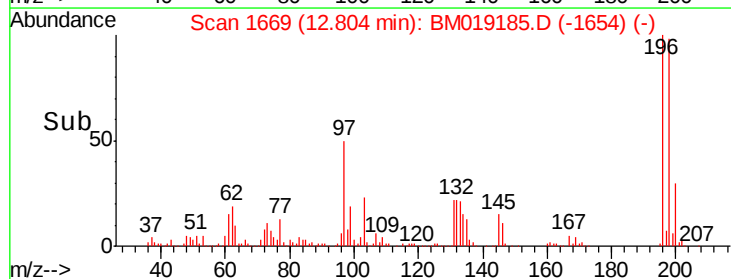
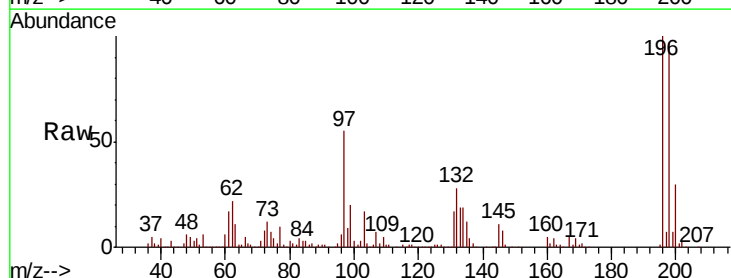
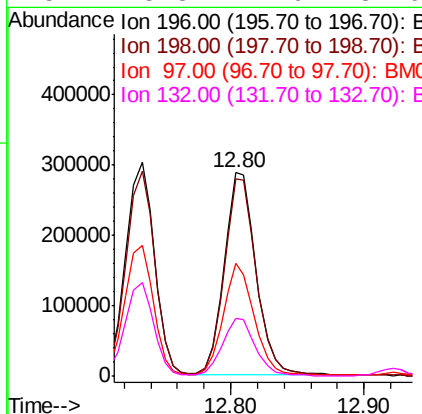
Manual Integrations
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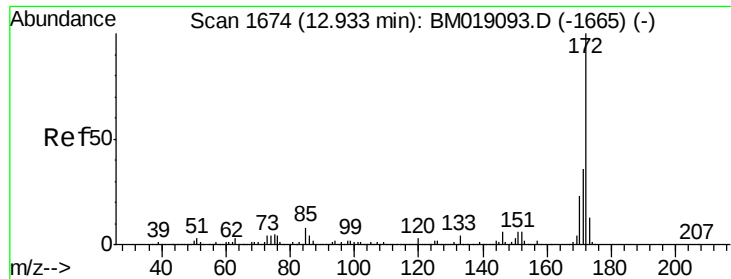
Sohil
 3/18/2019 3:04:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.407 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.9	113.9
97	55.3	42.5	63.7
132	28.3	21.9	32.9





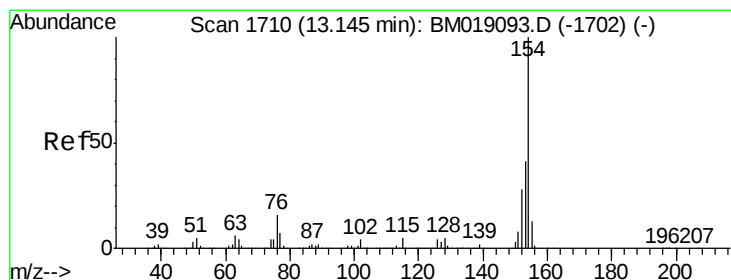
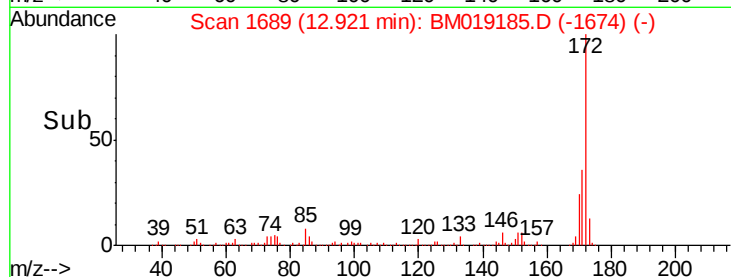
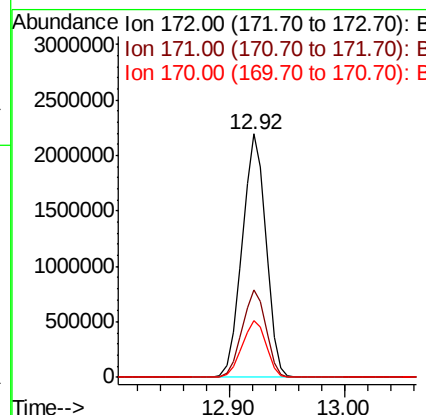
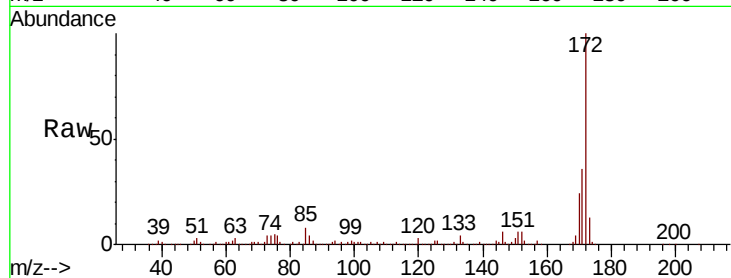
#45
2-Fluorobiphenyl
Concen: 71.496 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.5	18.6	28.0

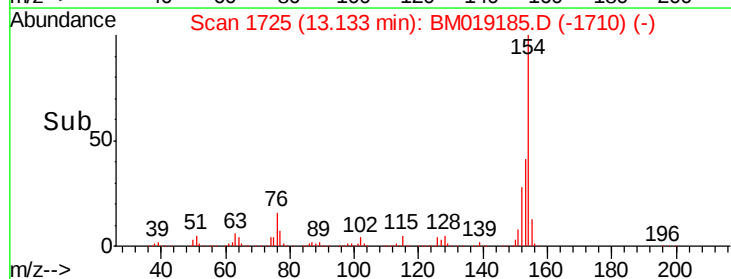
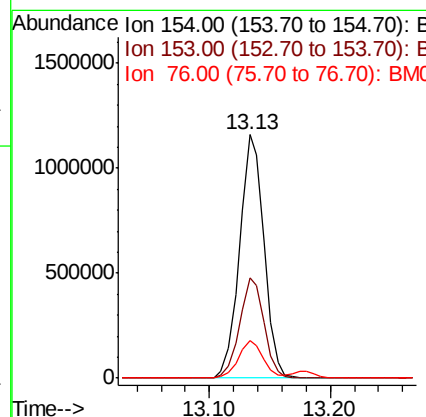
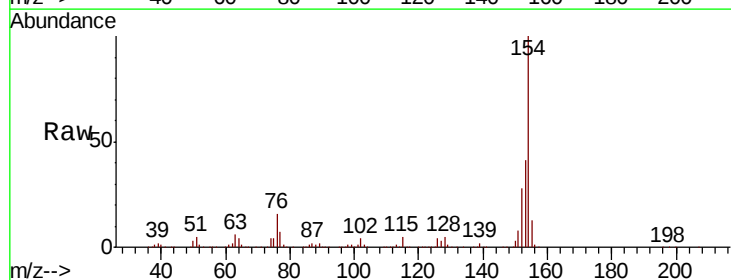
Manual Integrations
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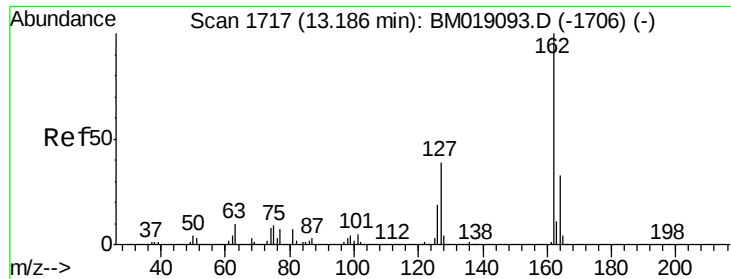
Sohil
3/18/2019 3:04:25 PM



#46
1,1'-Biphenyl
Concen: 32.810 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	15.7	0.0	35.8





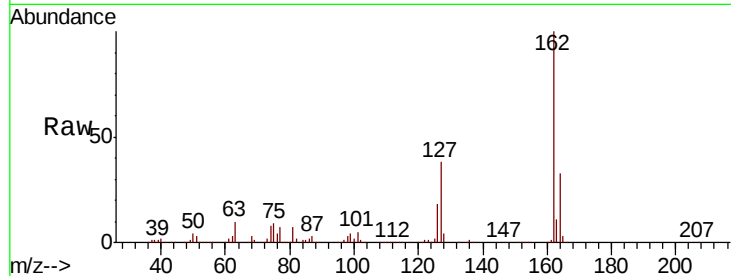
#47
2-Chloronaphthalene
Concen: 34.511 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.2	46.8
164	32.5	26.3	39.5

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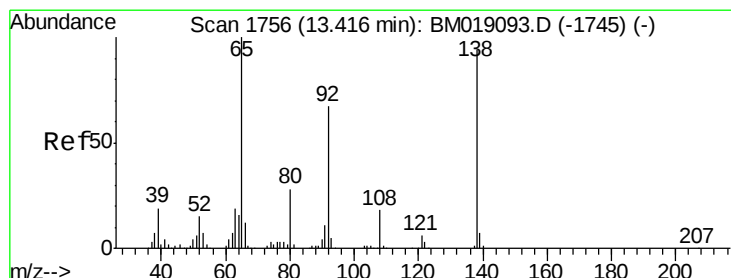
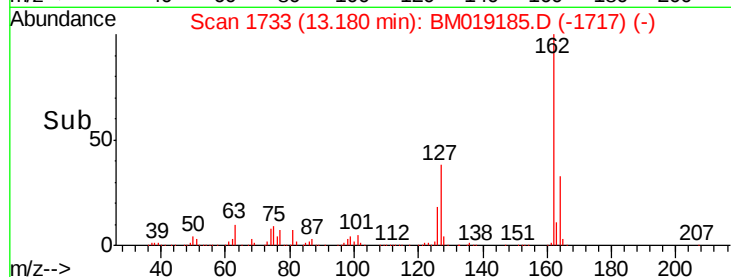
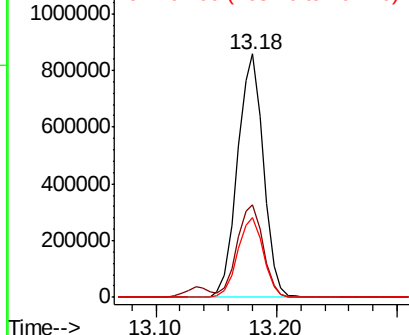


Abundance

Ion 162.00 (161.70 to 162.70): E

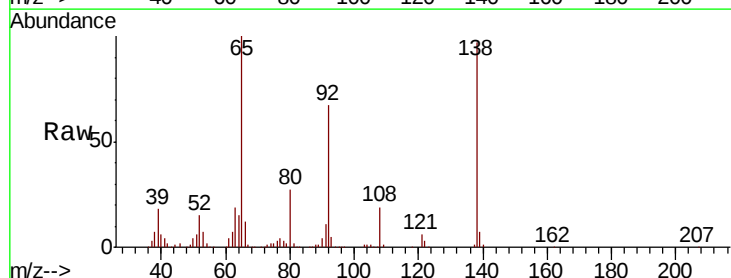
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.678 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.4	80.2
138	96.6	74.9	112.3

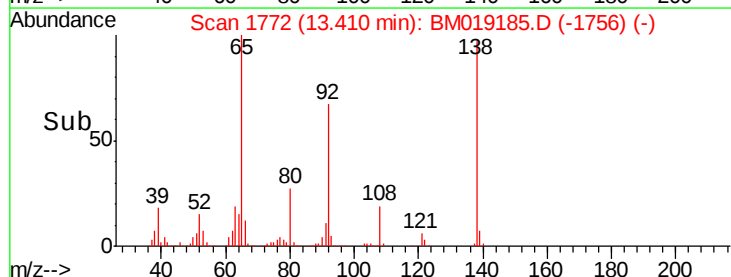
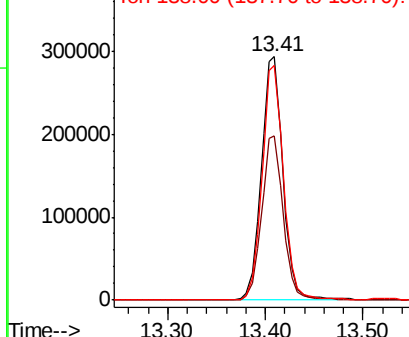


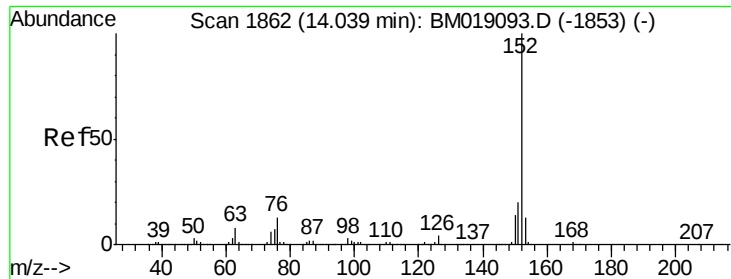
Abundance

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: 33.665 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:152 Resp: 2118004

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

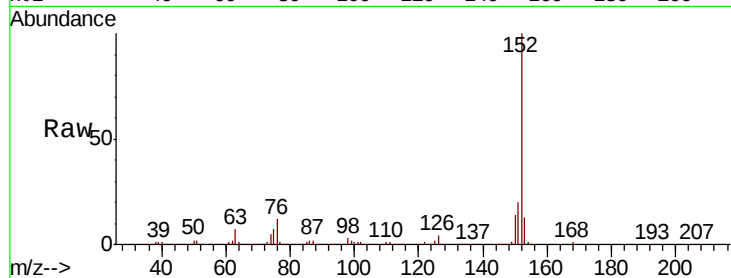
153 13.2 10.6 15.8

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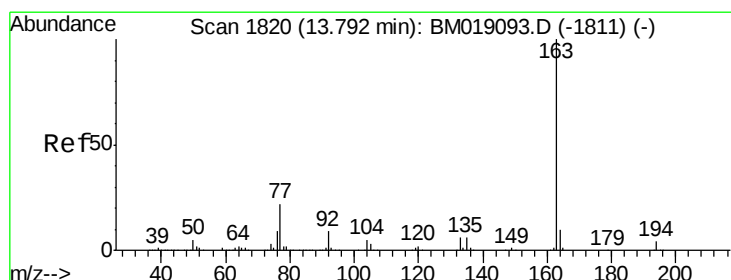
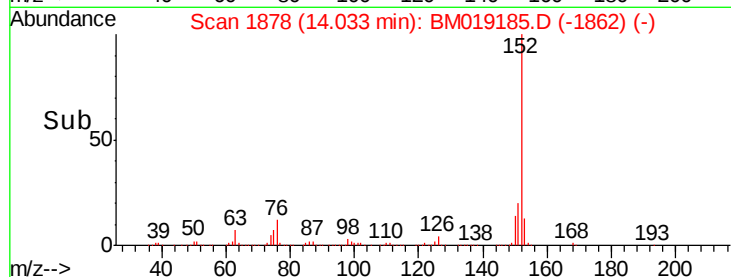
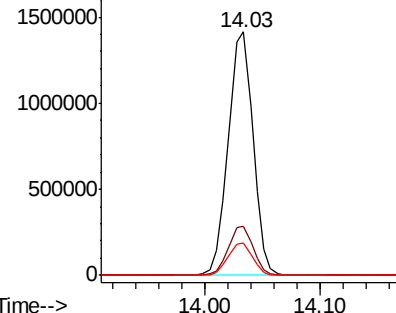
3/18/2019 3:04:25 PM



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: 38.807 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

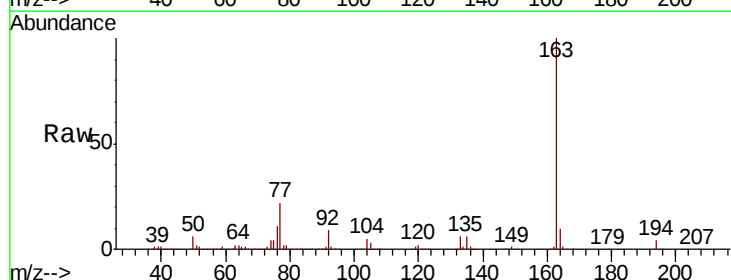
Tgt Ion:163 Resp: 1894910

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

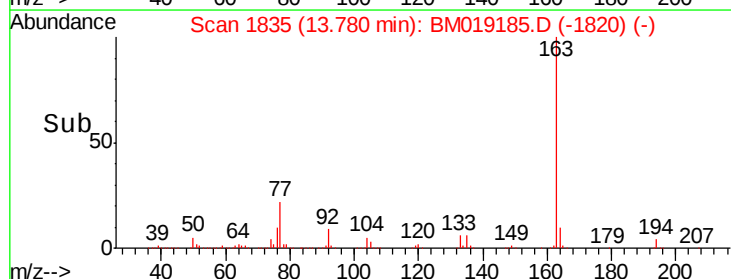
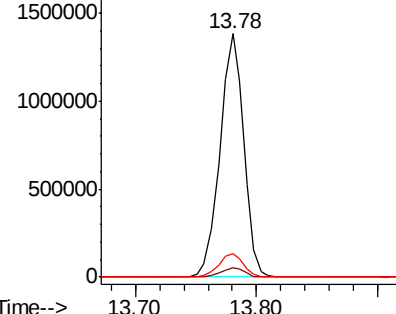
164 9.8 7.7 11.5

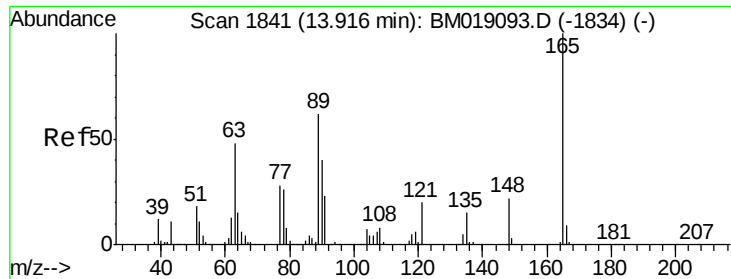


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





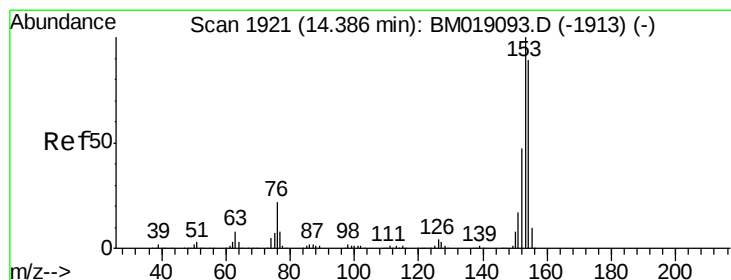
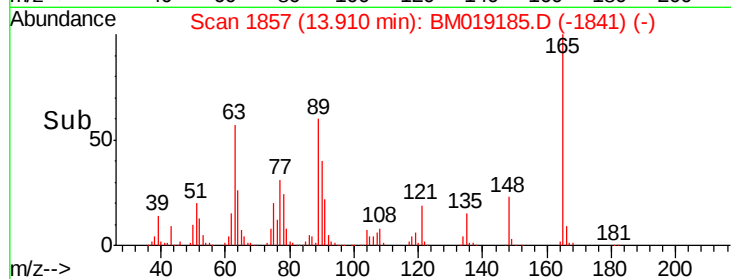
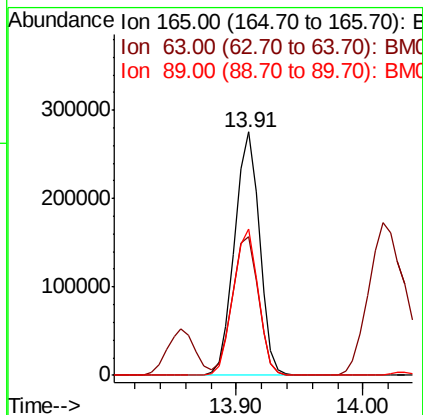
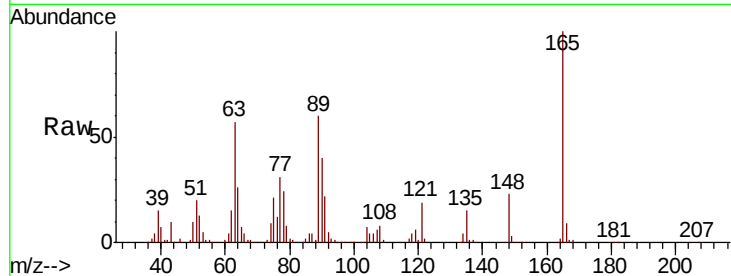
#51
2,6-Dinitrotoluene
Concen: 35.411 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	373777		
63	57.1	48.2	72.4	
89	59.9	49.3	73.9	

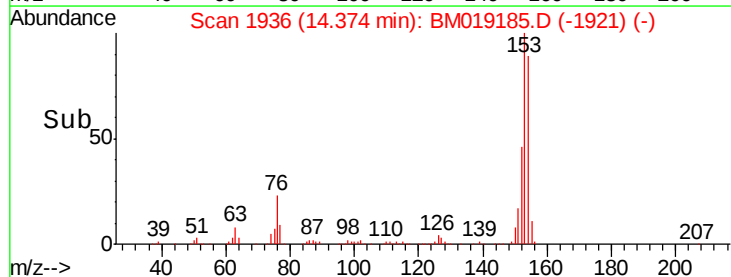
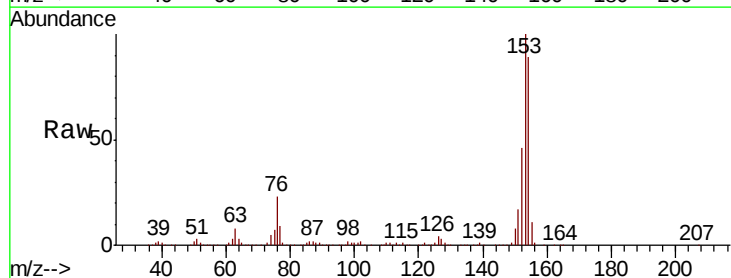
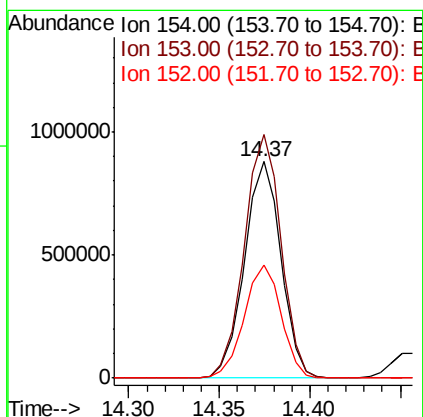
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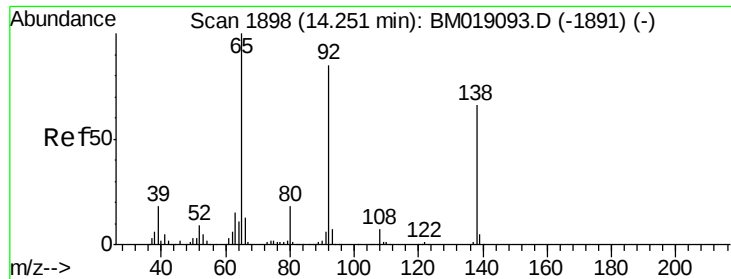
Sohil
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#52
Acenaphthene
Concen: 34.084 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1232183		
153	112.4	90.1	135.1	
152	52.1	42.5	63.7	





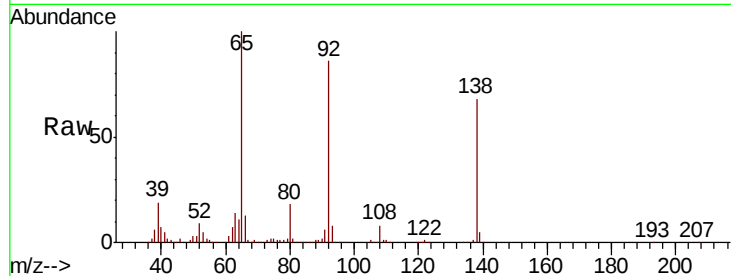
#53
3-Nitroaniline
Concen: 24.680 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	125.1	102.6	153.8

Manual Integrations
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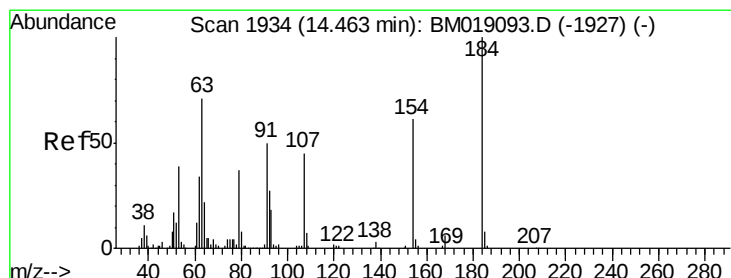
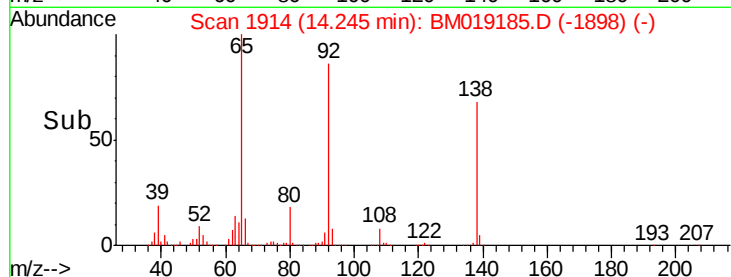
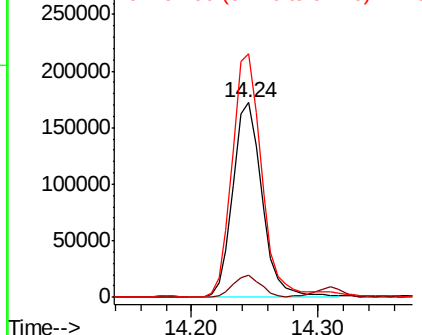


Abundance

Ion 138.00 (137.70 to 138.70): E

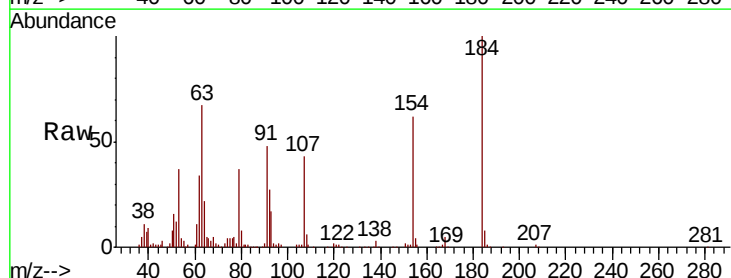
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 41.970 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	56.7	85.1
154	62.0	49.3	73.9

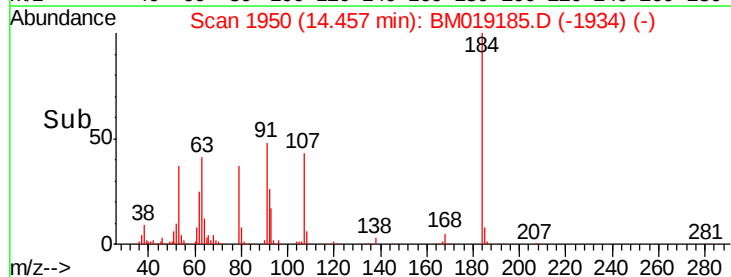
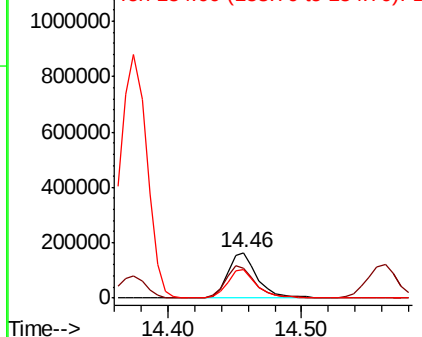


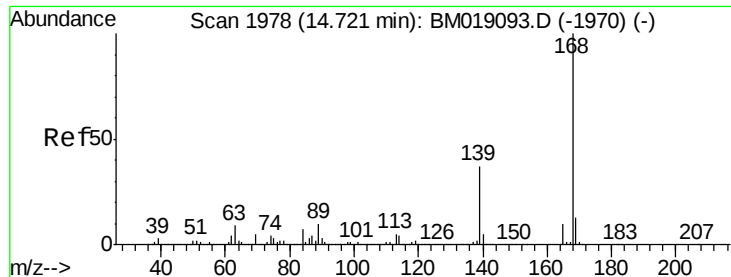
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





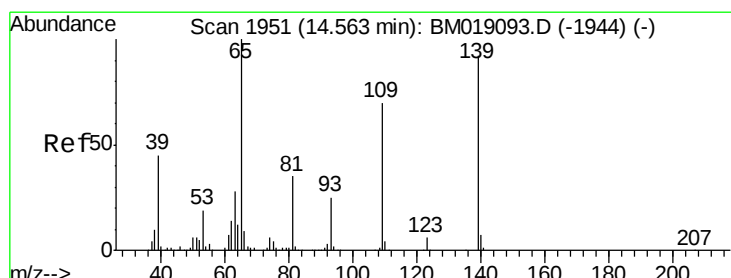
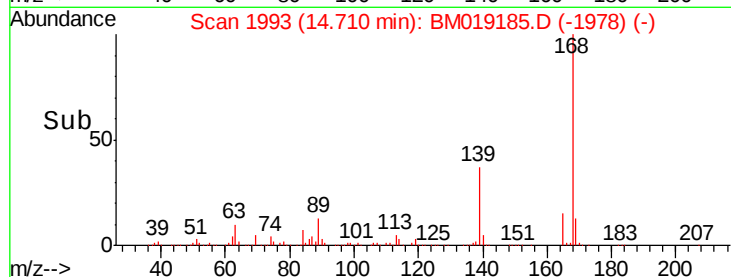
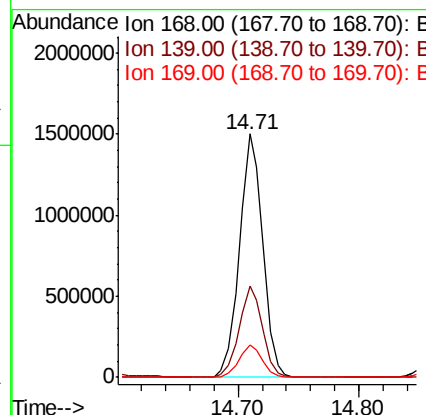
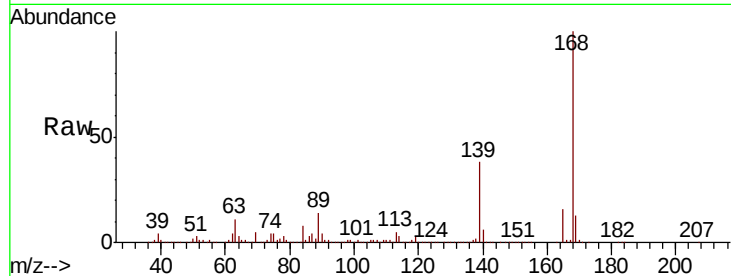
#55
Dibenzenofuran
Concen: 34.527 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.4	10.6	16.0

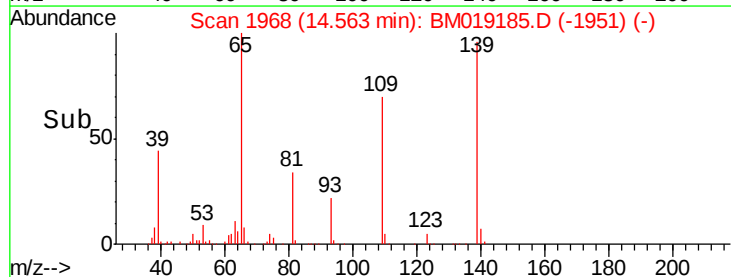
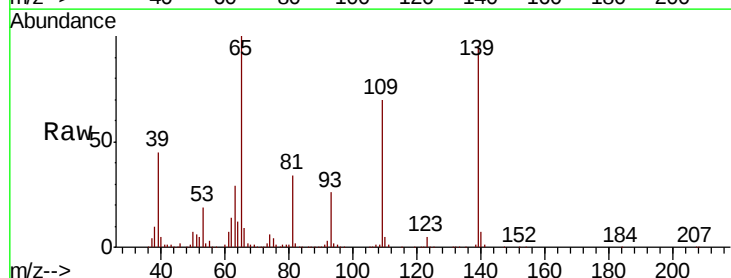
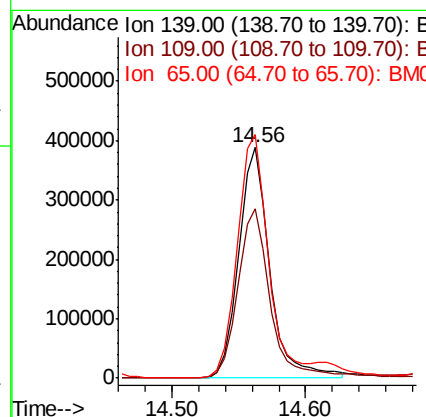
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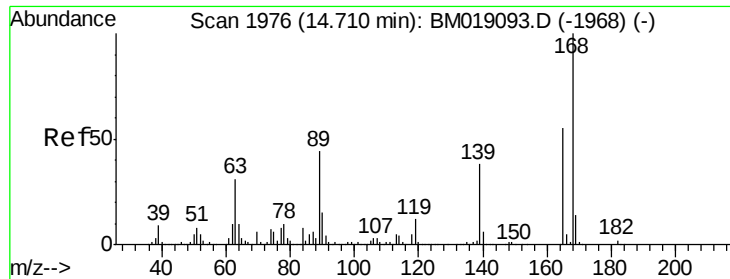
Sohil
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#56
4-Nitrophenol
Concen: 68.927 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	56.3	96.3
65	105.5	89.2	129.2





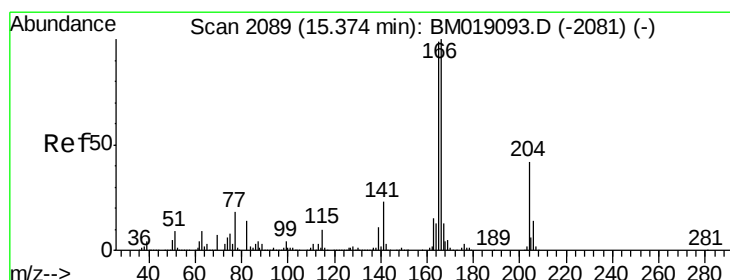
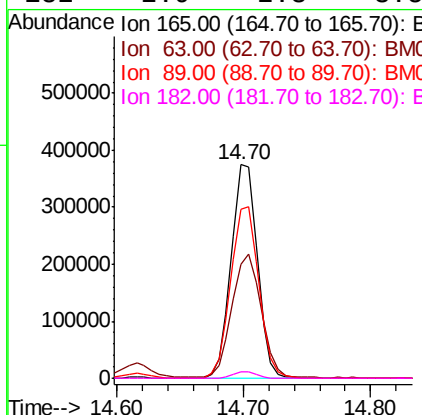
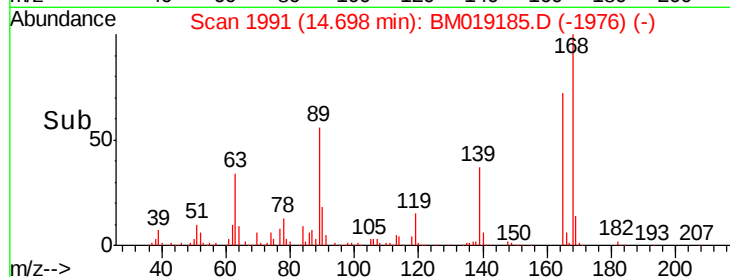
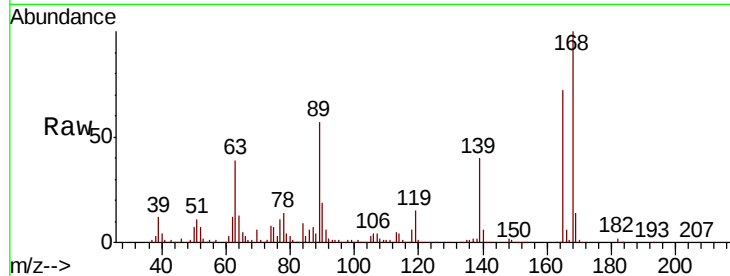
#57
2,4-Dinitrotoluene
Concen: 34.995 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	536202		
63	53.6	44.7	67.1	
89	79.4	63.4	95.2	
182	2.9	2.3	3.5	

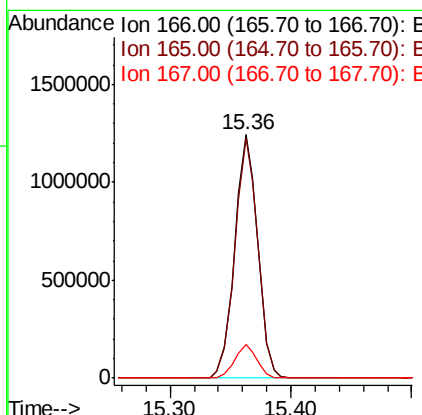
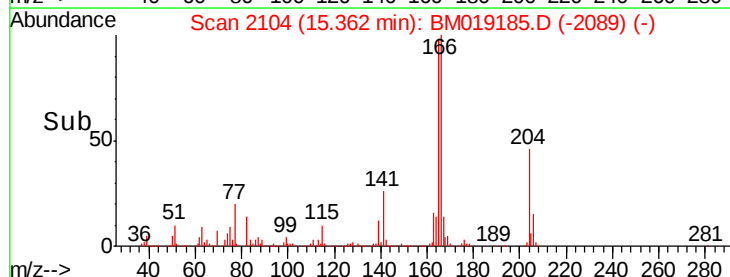
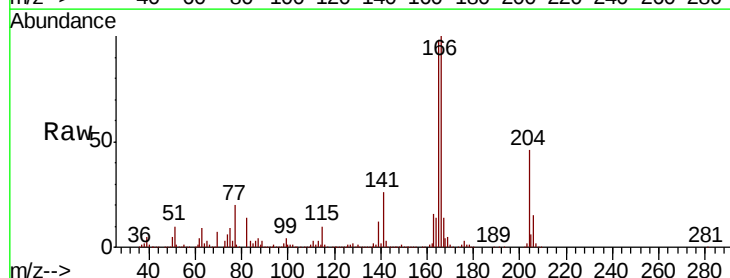
Manual Integrations
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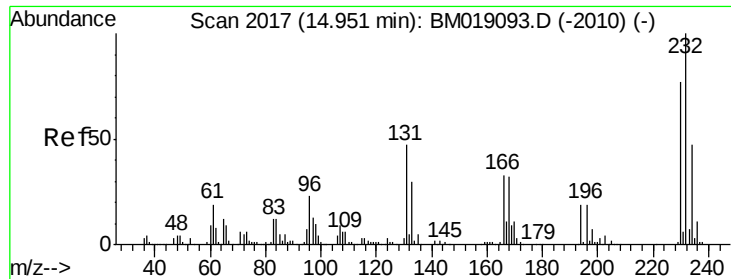
Sohil
3/18/2019 3:04:25 PM



#58
Fluorene
Concen: 34.247 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1645751		
165	98.5	79.0	118.4	
167	13.7	10.8	16.2	





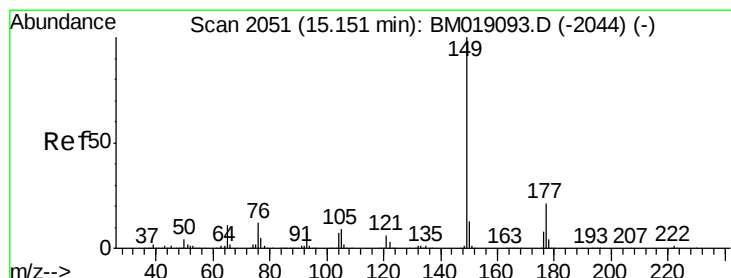
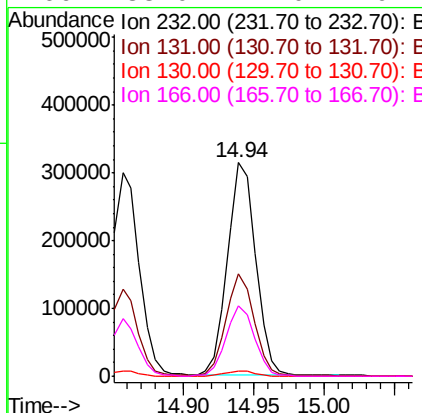
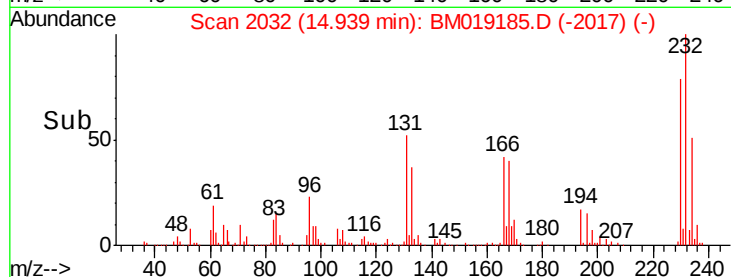
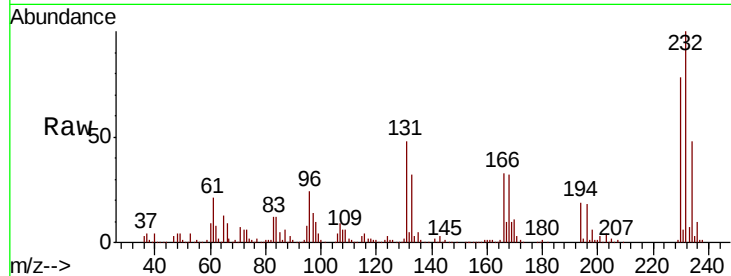
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.954 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion:	232	Resp:	440876
Ion Ratio	Lower	Upper	
232	100		
131	47.4	38.2	57.2
130	2.6	1.9	2.9
166	33.0	27.0	40.4

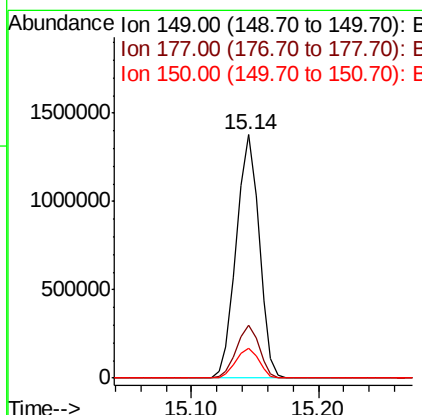
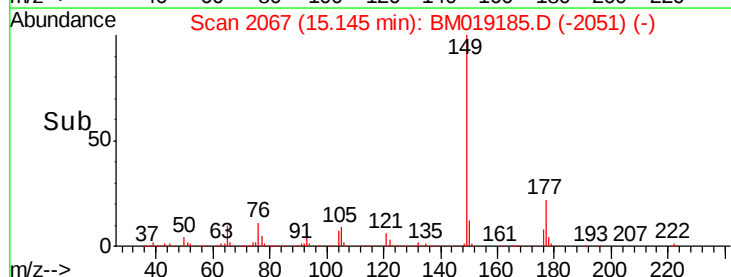
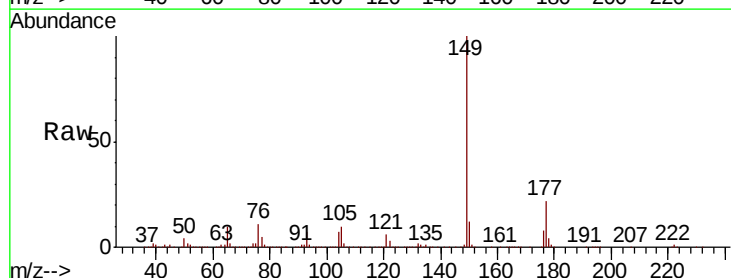
Manual Integrations
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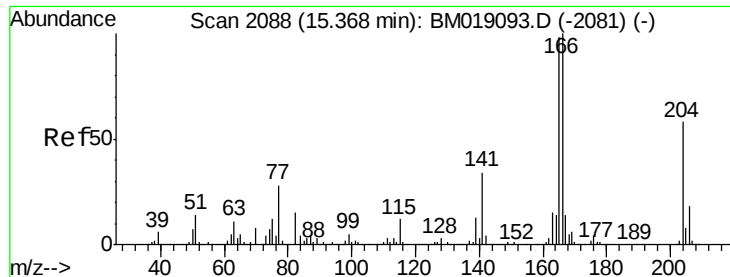
Sohil
 3/18/2019 3:04:25 PM



#60
 Diethylphthalate
 Concen: 34.742 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:	149	Resp:	1718124
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.0	25.6
150	12.4	10.2	15.4





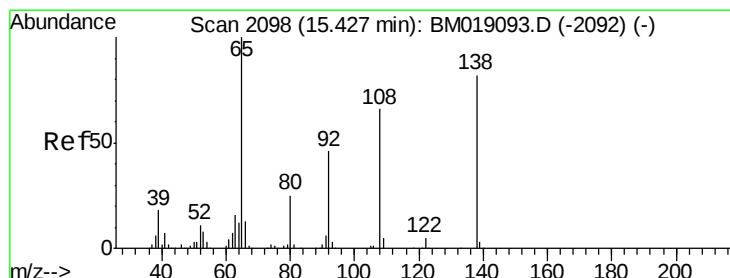
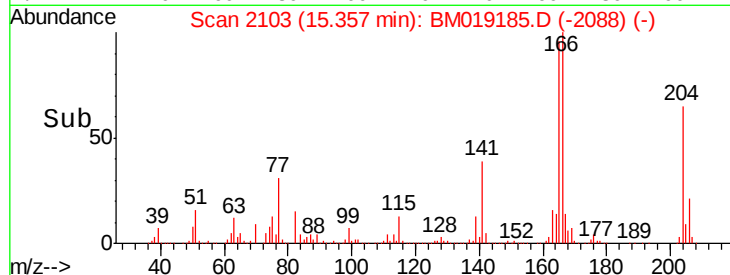
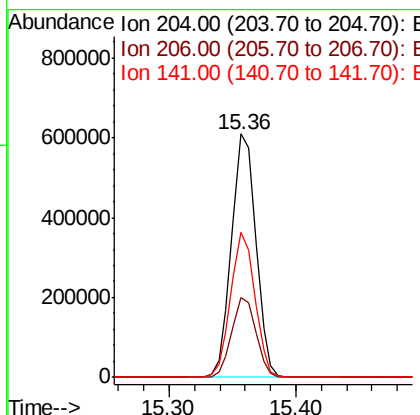
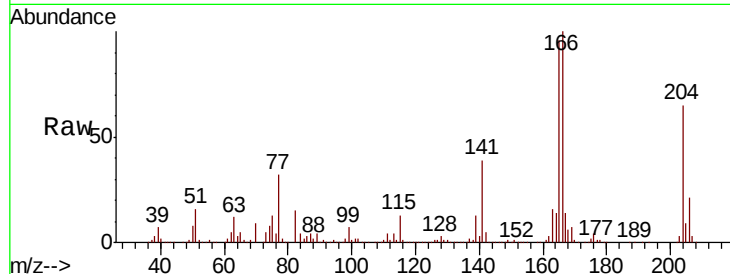
#61
 4-Chlorophenyl-phenylether
 Concen: 34.721 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	59.5	47.8	71.8

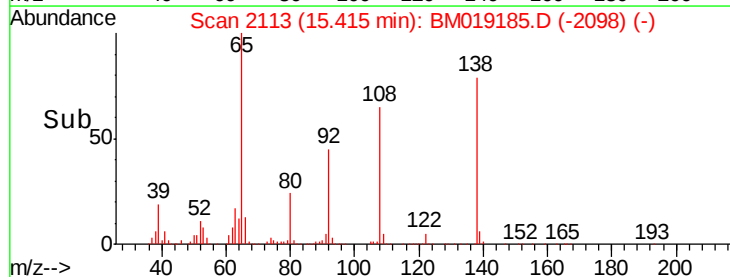
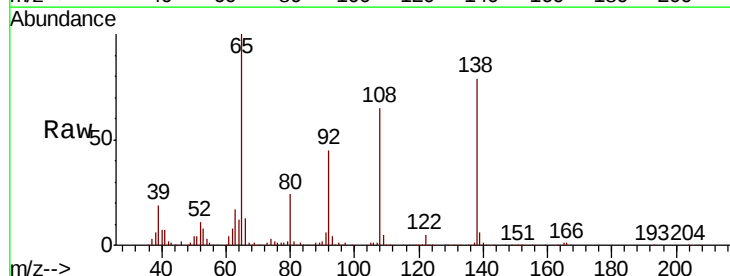
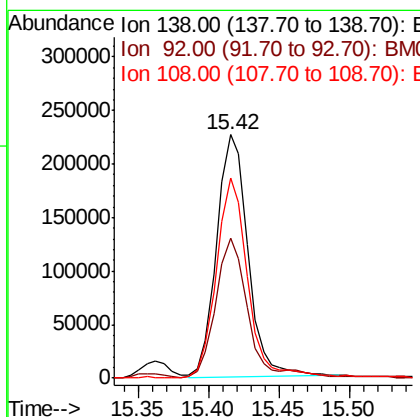
Manual Integrations
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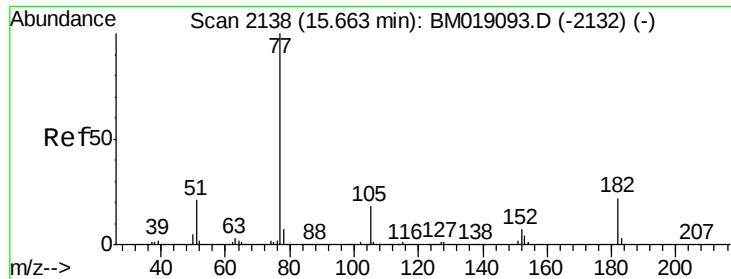
Sohil
 3/18/2019 3:04:25 PM



#62
 4-Nitroaniline
 Concen: 31.048 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	36.2	76.2
108	82.0	59.7	99.7





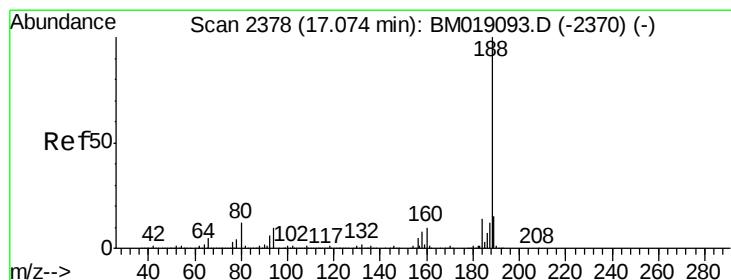
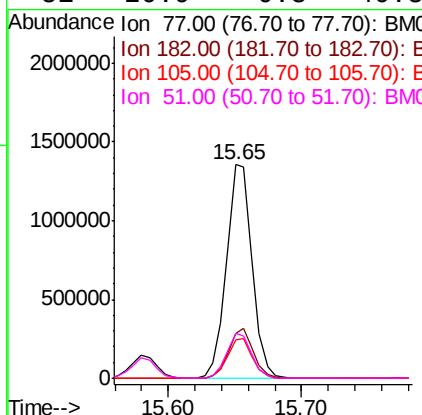
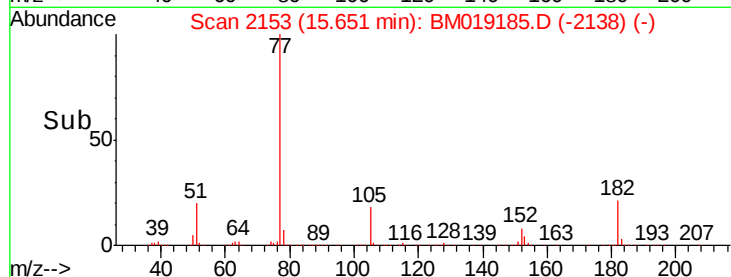
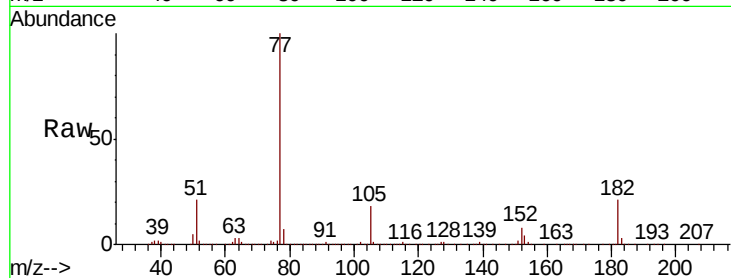
#63
Azobenzene
Concen: 35.038 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.8	41.8
105	17.8	0.0	38.3
51	20.9	0.8	40.8

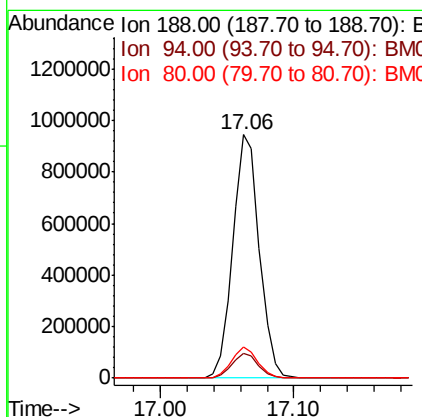
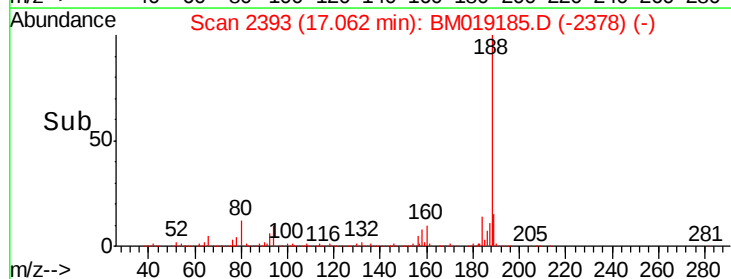
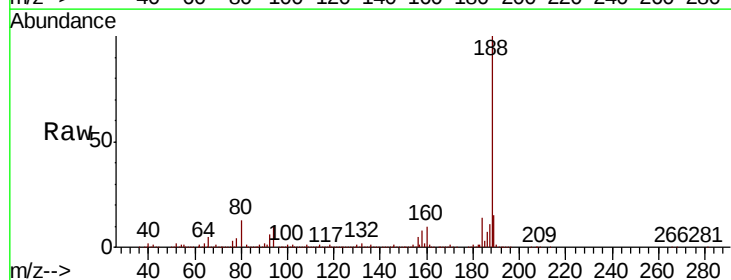
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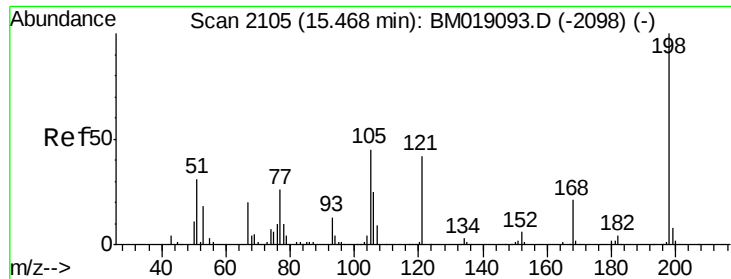
Sohil
3/18/2019 3:04:25 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	12.5	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 26.895 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:198 Resp: 230749

Ion Ratio Lower Upper

198 100

51 35.9 17.3 57.3

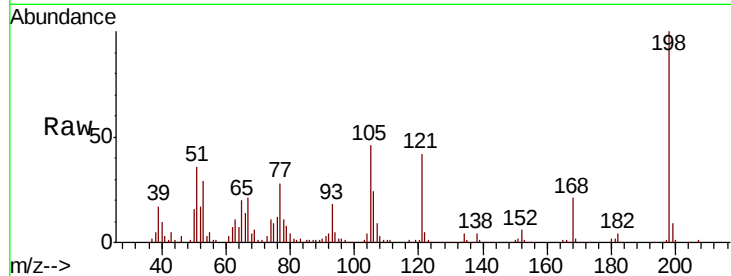
105 45.9 26.2 66.2

Manual Integrations

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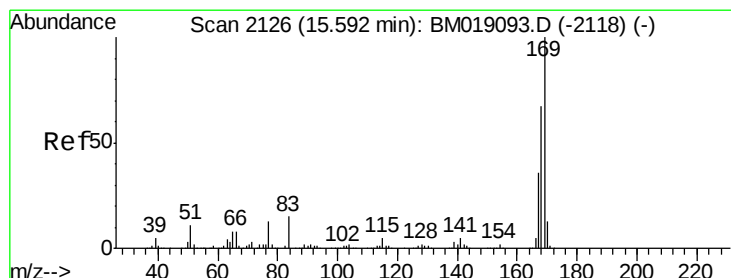
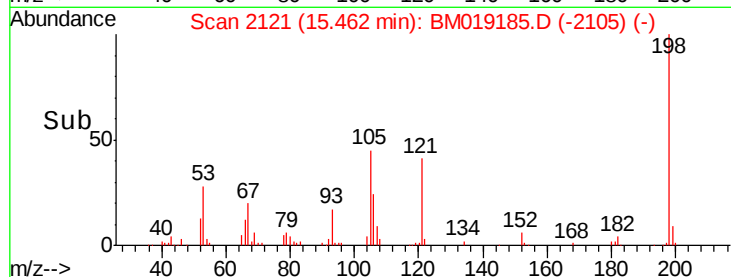
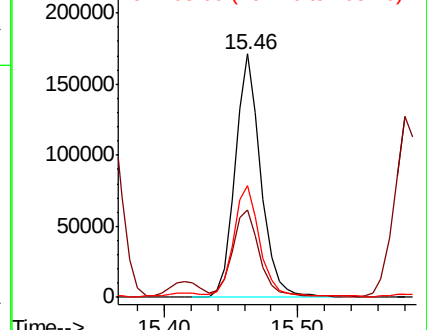
3/18/2019 3:04:25 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.960 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

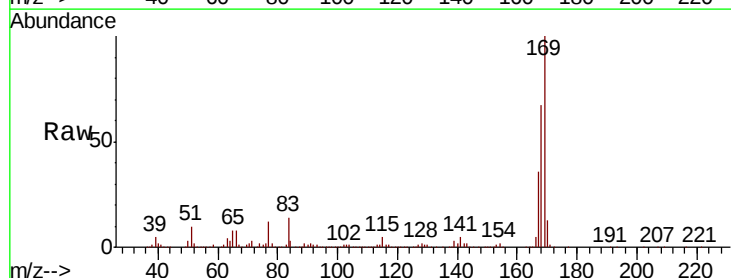
Tgt Ion:169 Resp: 1457250

Ion Ratio Lower Upper

169 100

168 66.9 53.9 80.9

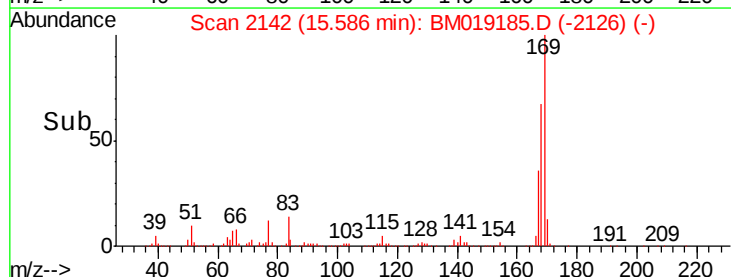
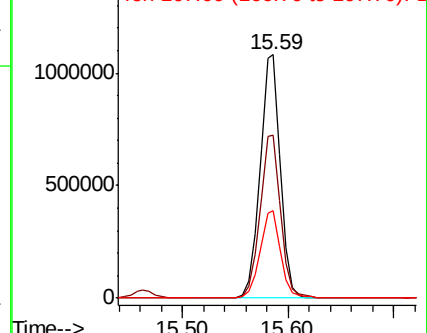
167 35.9 28.8 43.2

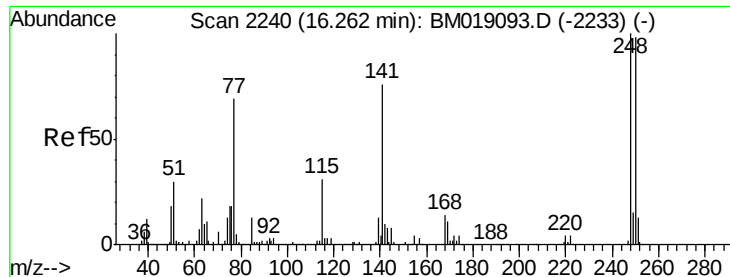


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





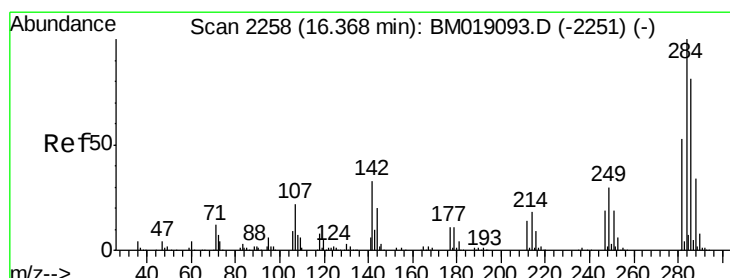
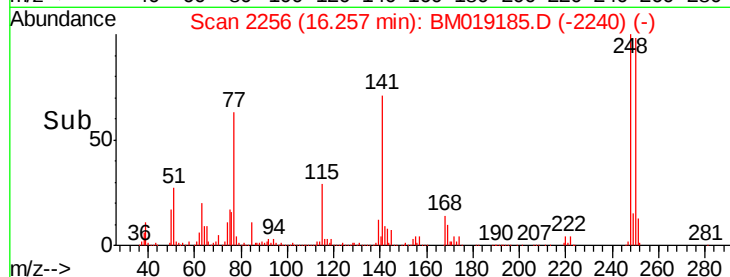
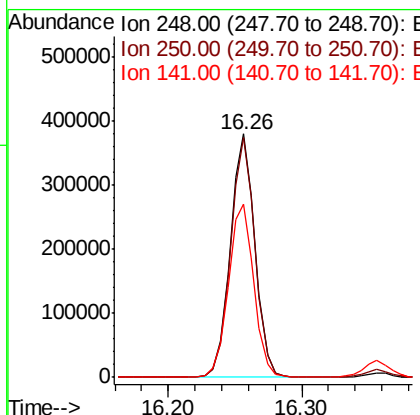
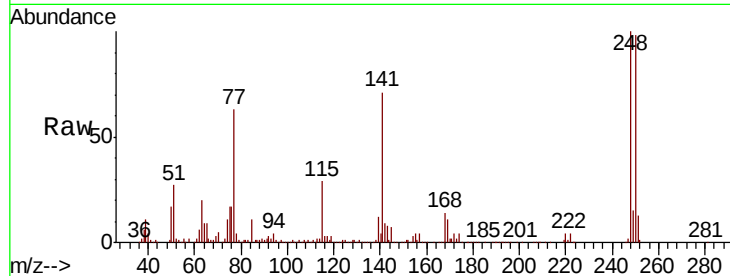
#67
 4-Bromophenyl-phenylether
 Concen: 33.938 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampled :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	71.2	61.0	91.4

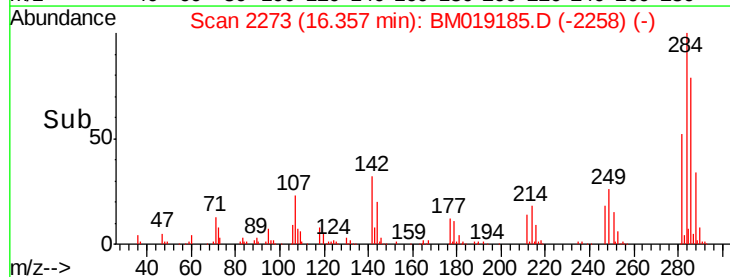
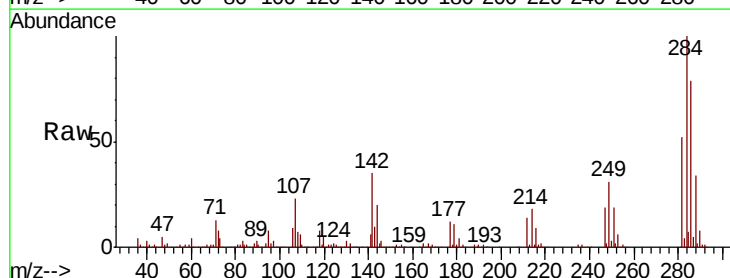
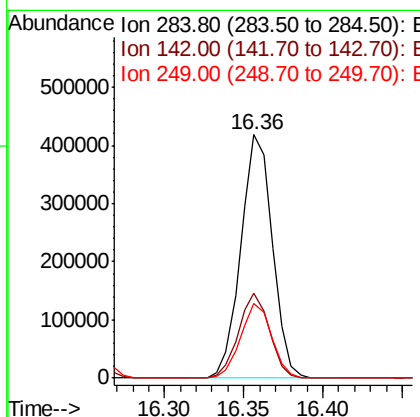
Manual Integrations
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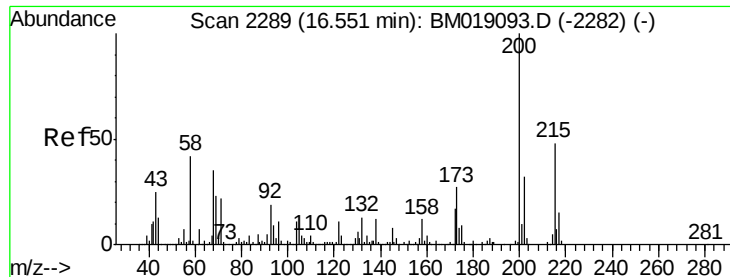
Sohil
 3/18/2019 3:04:25 PM



#68
 Hexachlorobenzene
 Concen: 33.587 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.3	39.5
249	30.8	24.1	36.1





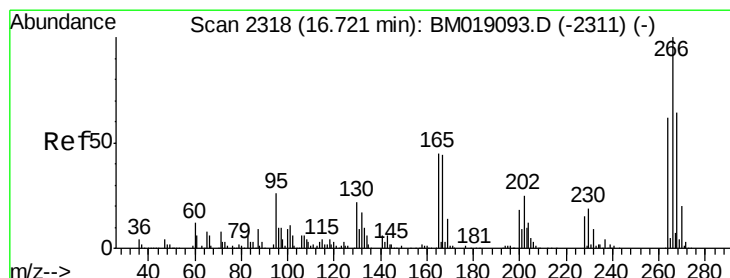
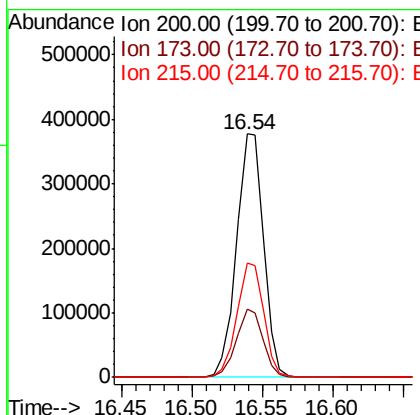
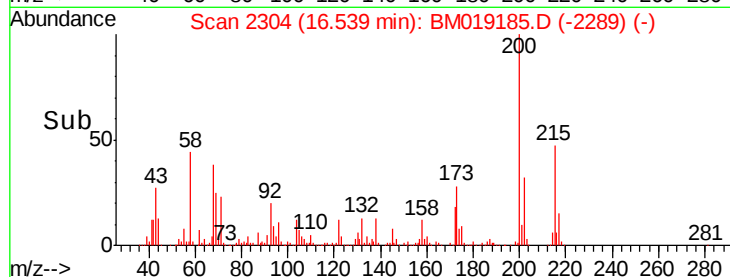
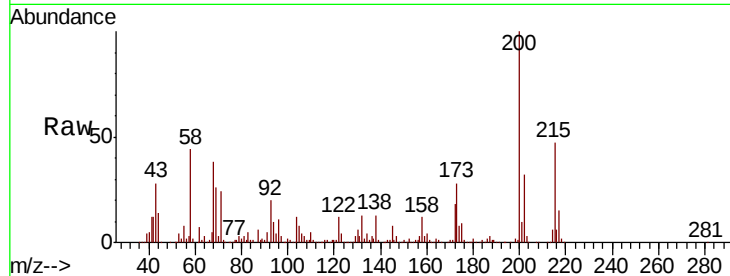
#69
Atrazine
Concen: 36.014 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampled :
RBR-200052MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	7.0	47.0	
215	47.1	27.7	67.7	

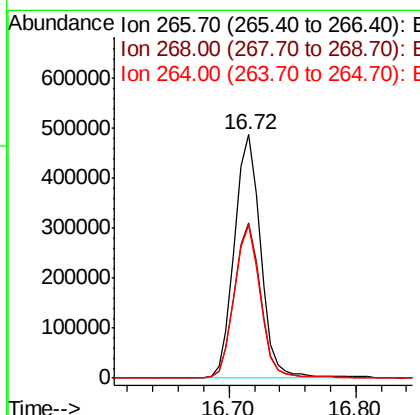
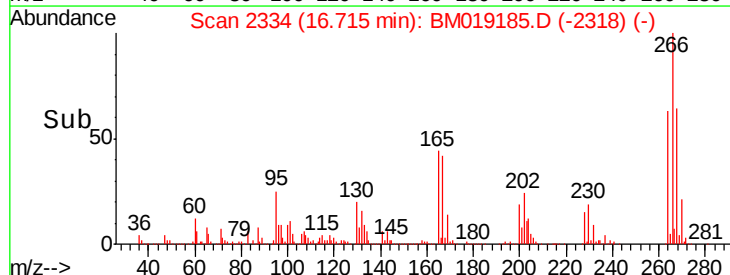
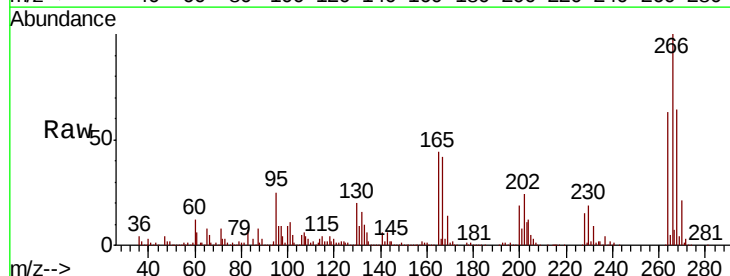
Manual Integrations
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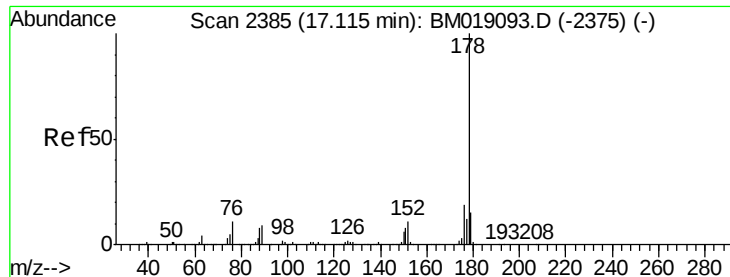
Sohil
3/18/2019 3:04:25 PM



#70
Pentachlorophenol
Concen: 67.433 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	51.3	76.9	
264	62.9	50.0	75.0	





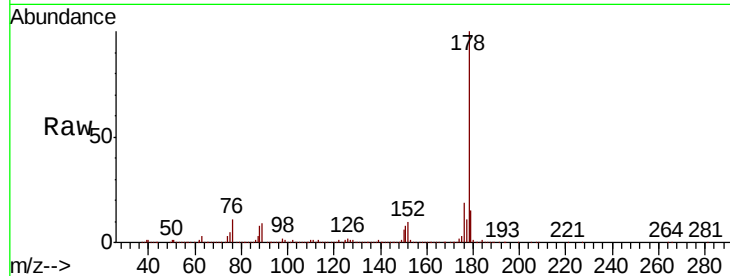
#71
Phenanthrene
Concen: 33.617 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.2	18.2

Manual Integrations
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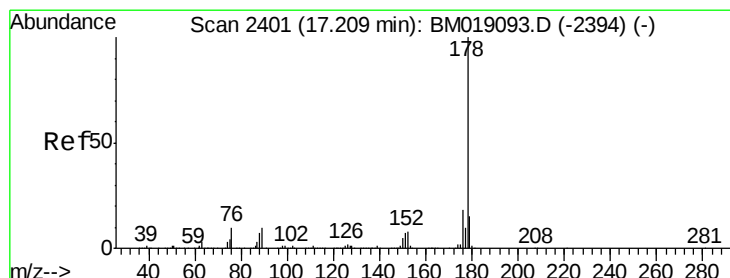
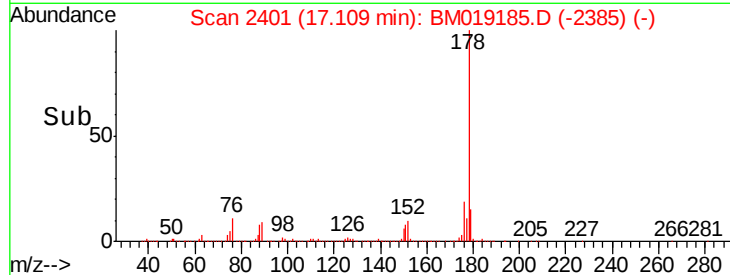
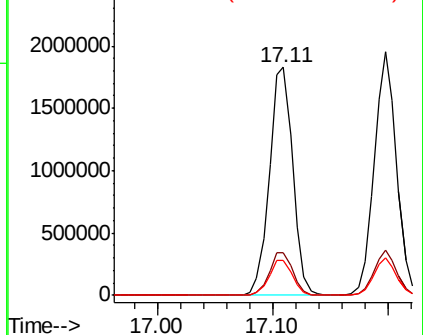


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 34.964 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

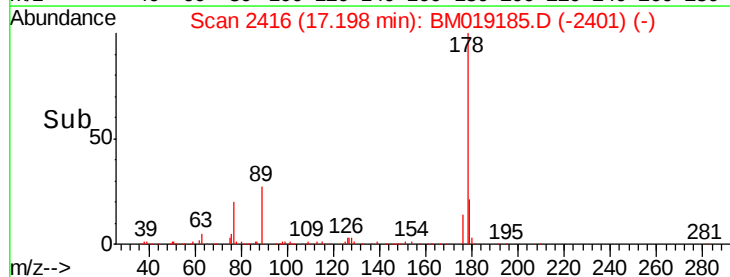
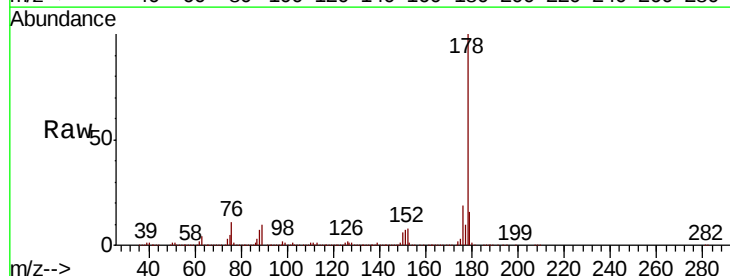
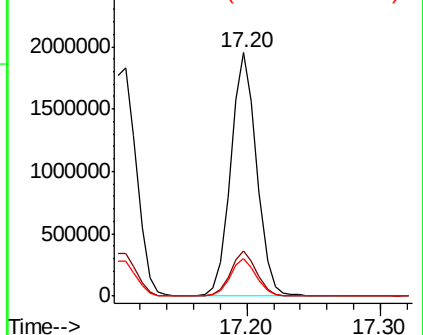
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.6	11.9	17.9

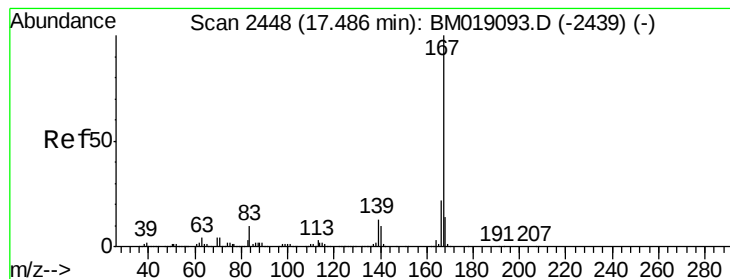
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.049 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:167 Resp: 2414350

Ion Ratio Lower Upper

167 100

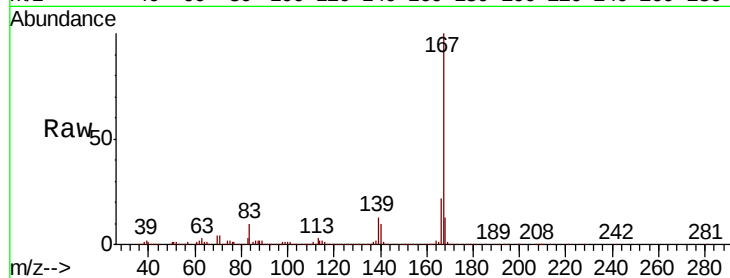
166 21.6 17.8 26.8

139 12.8 10.5 15.7

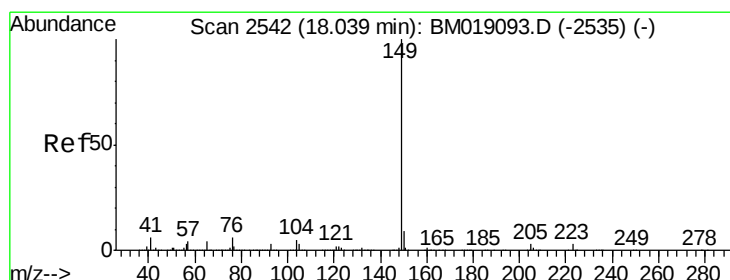
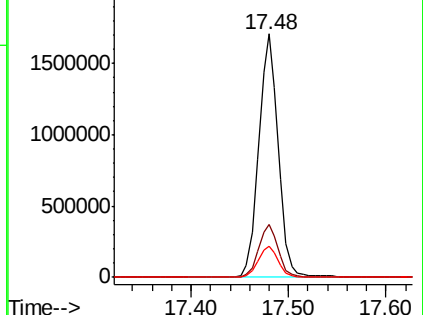
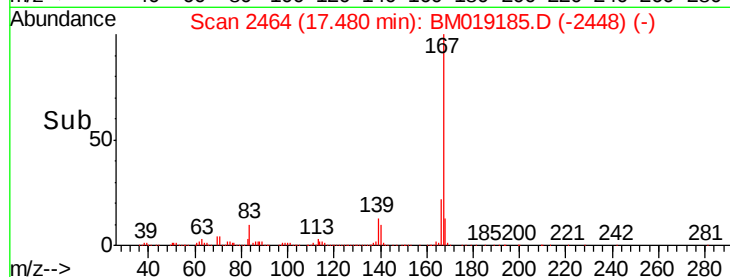
Manual Integrations
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3/18/2019 3:04:25 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.519 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

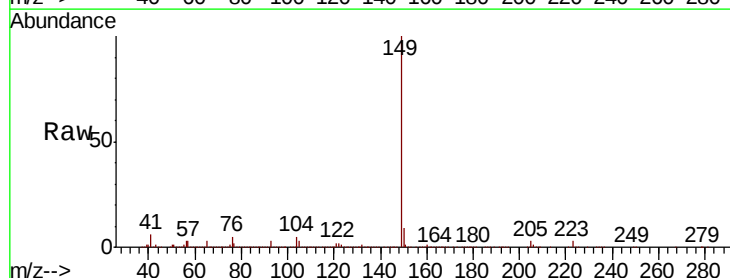
Tgt Ion:149 Resp: 3045517

Ion Ratio Lower Upper

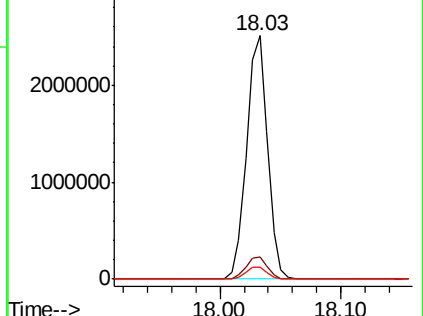
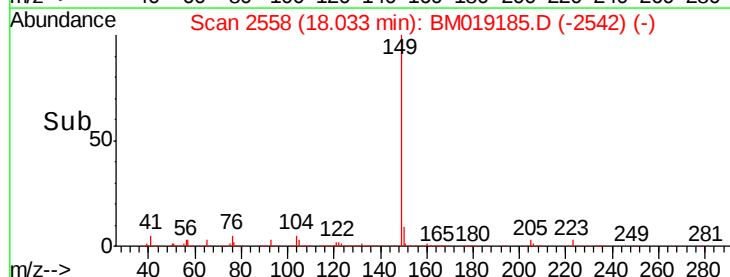
149 100

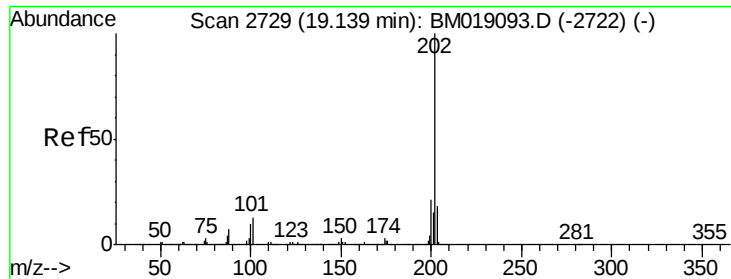
150 9.0 7.4 11.0

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.009 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

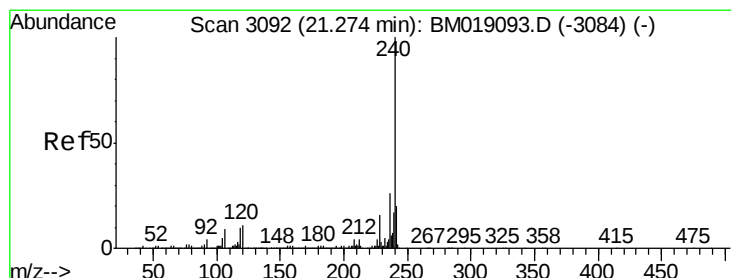
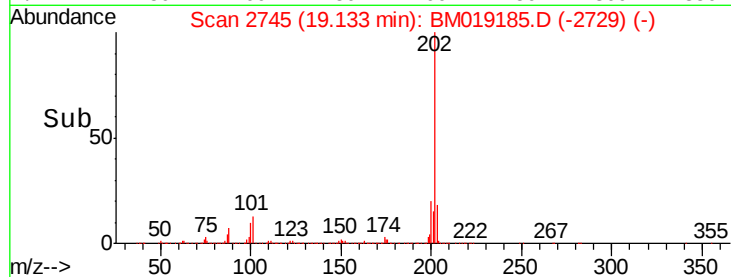
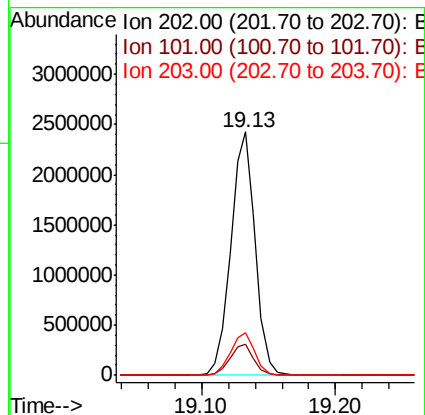
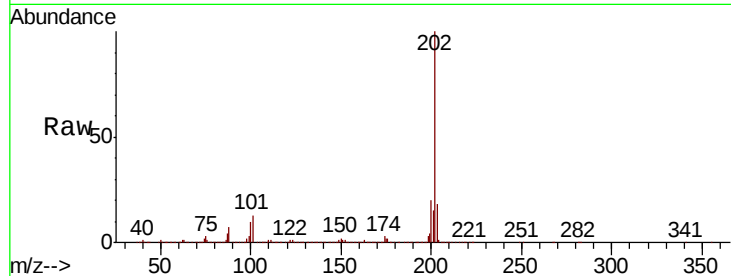
ClientSampleId :

RBR-200052MS

Tot Ion:	202	Resp:	3082867
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	17.6	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

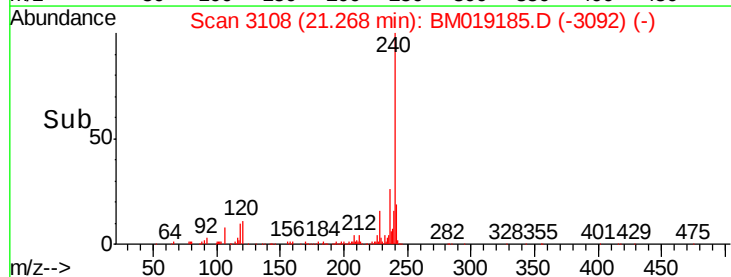
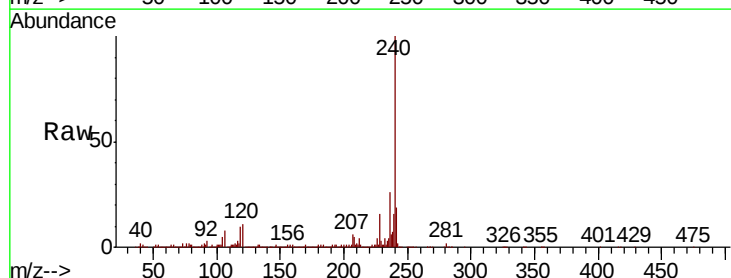
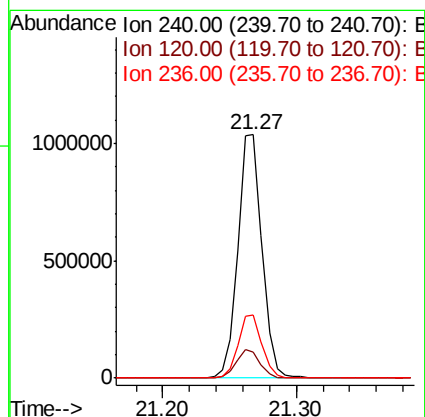
RT: 21.27 min Scan# 3108

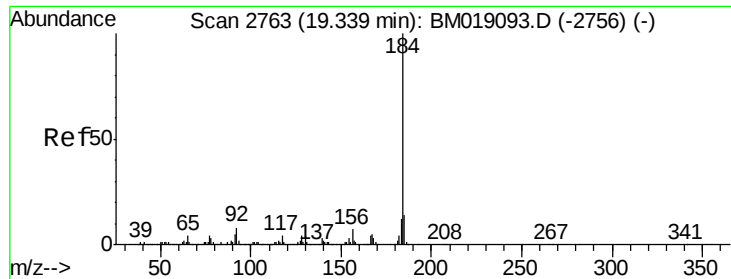
Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:	240	Resp:	1305821
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.7	21.0	31.4





#77

Benzidine

Concen: 44.899 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:184 Resp: 1662785

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

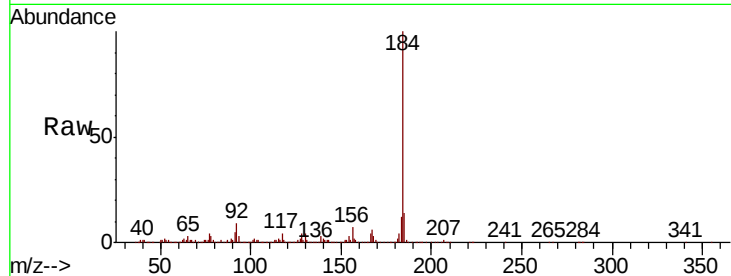
183 12.2 9.8 14.6

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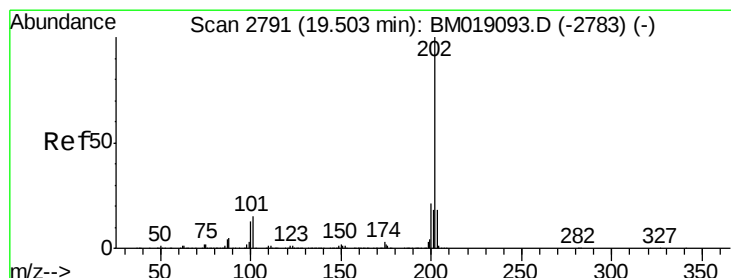
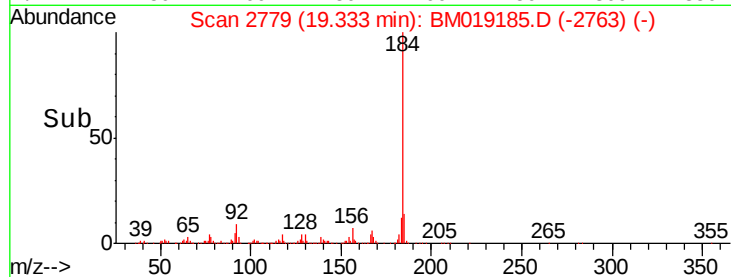
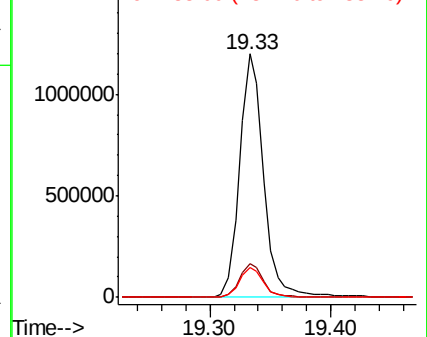


Abundance

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: 37.495 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

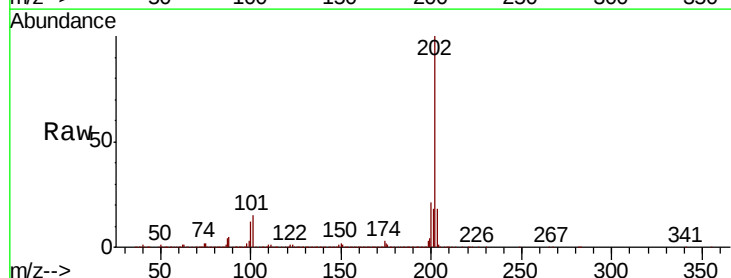
Tgt Ion:202 Resp: 3097871

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.5 14.0 21.0

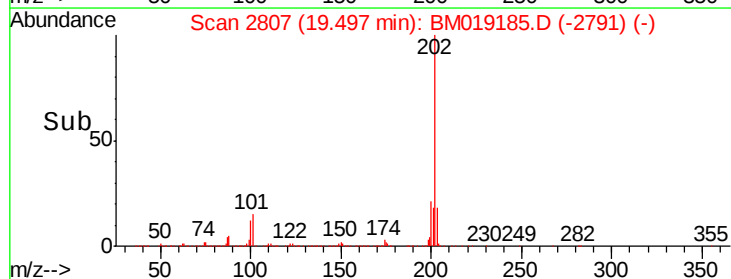
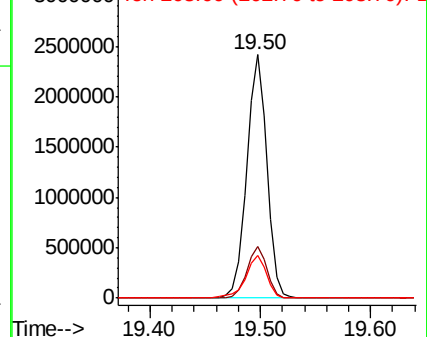


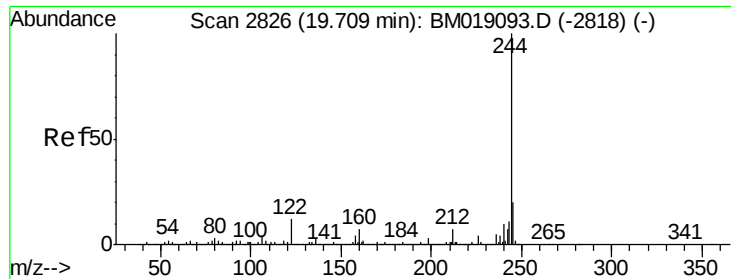
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





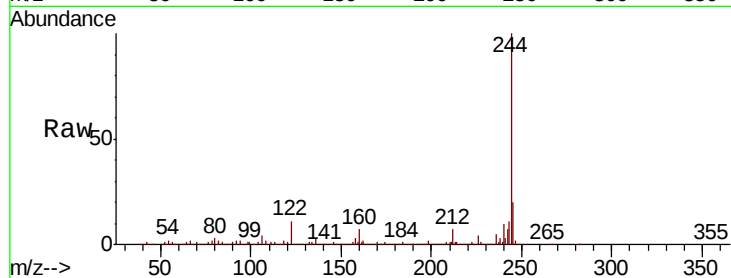
#79
 Terphenyl-d14
 Concen: 76.063 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.2	9.4	14.2

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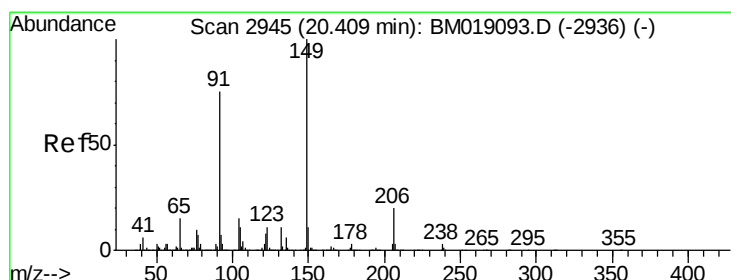
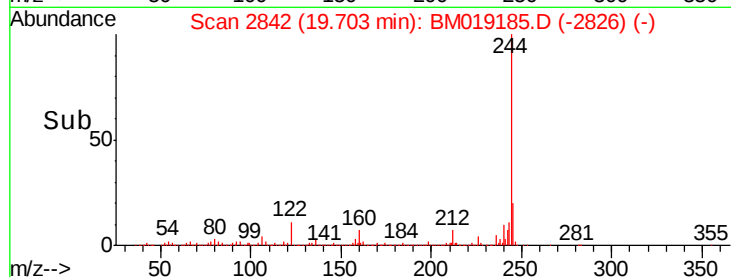
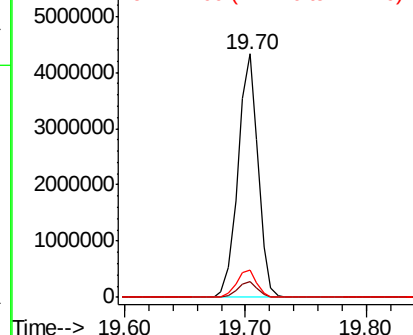


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 39.459 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

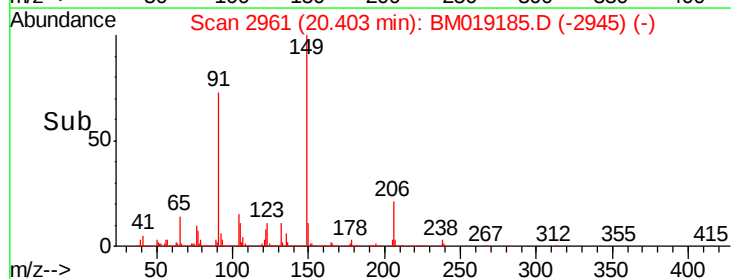
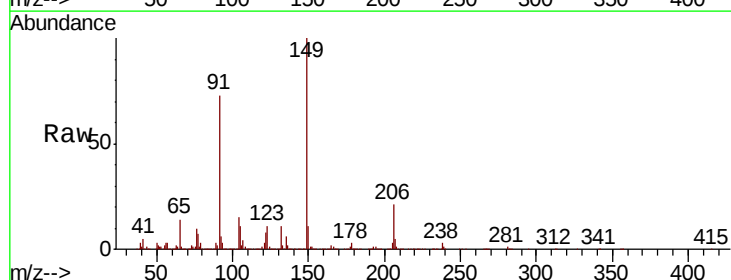
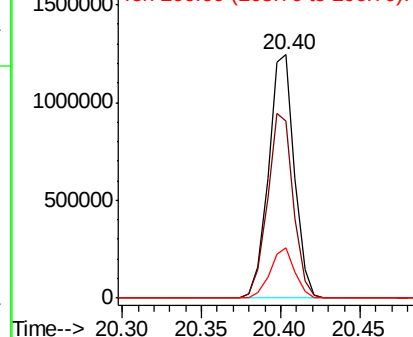
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	60.1	90.1
206	20.5	16.2	24.2

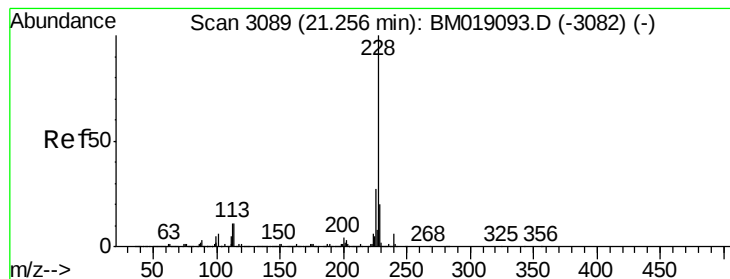
Abundance

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: 33.411 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tot Ion:228 Resp: 2737108

Ion Ratio Lower Upper

228 100

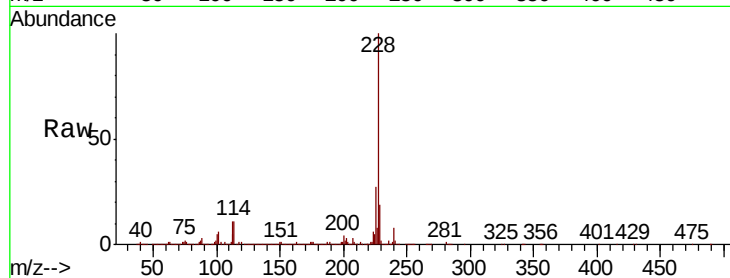
226 27.2 21.8 32.8

229 19.5 15.8 23.6

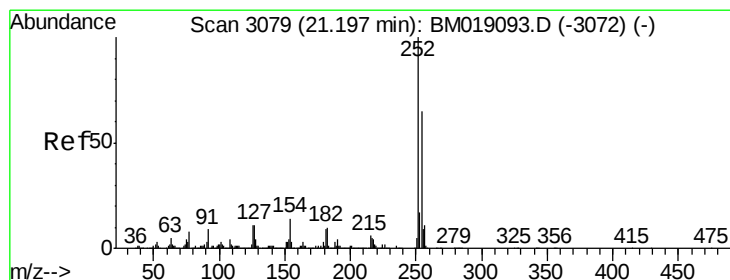
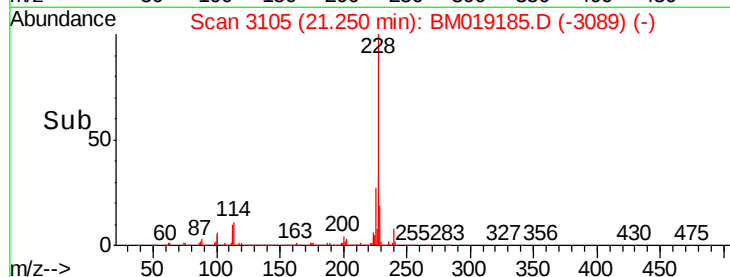
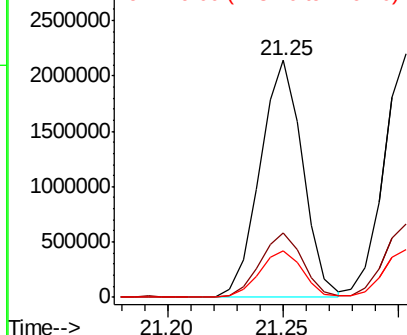
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.073 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:252 Resp: 791276

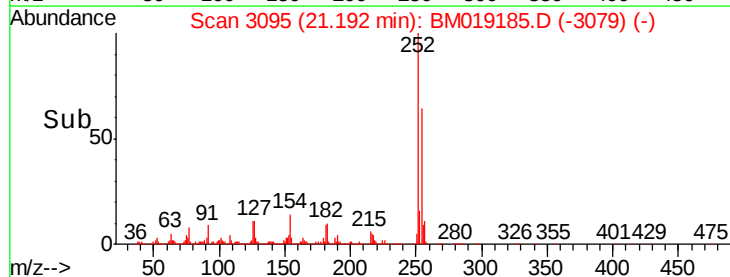
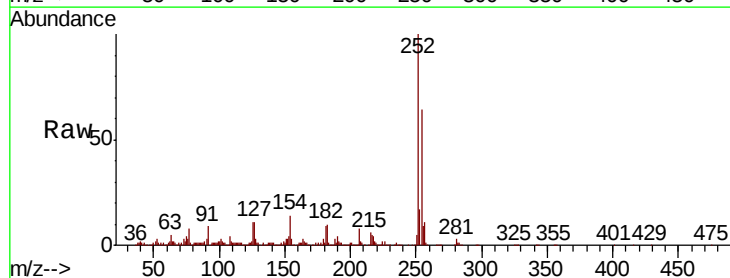
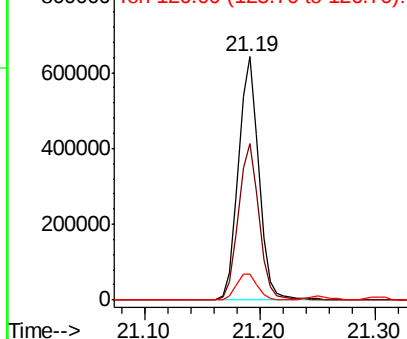
Ion Ratio Lower Upper

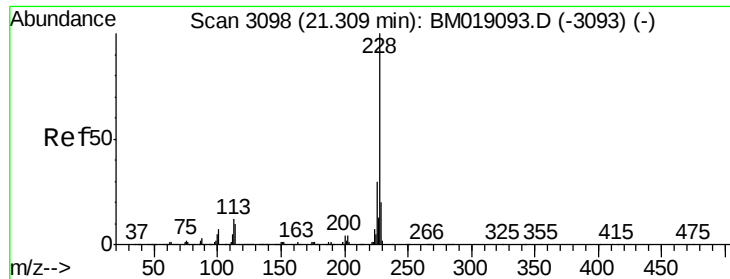
252 100

254 64.3 52.4 78.6

126 10.6 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





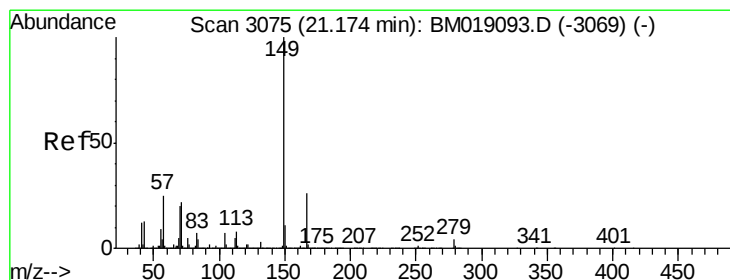
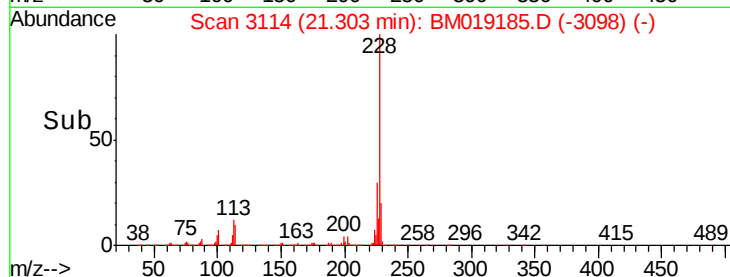
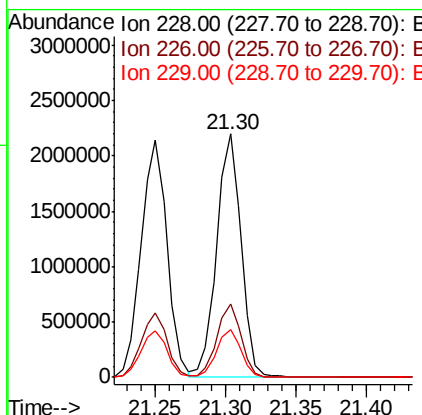
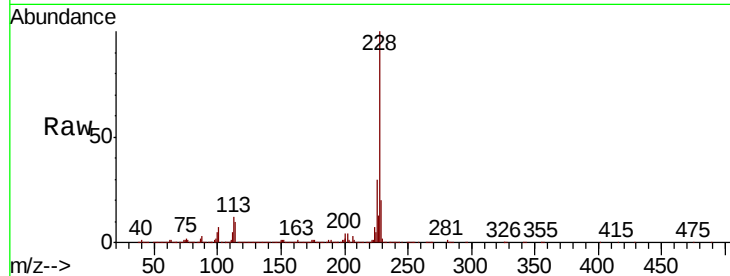
#83
 Chrvsene
 Concen: 33.243 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.9	15.7	23.5

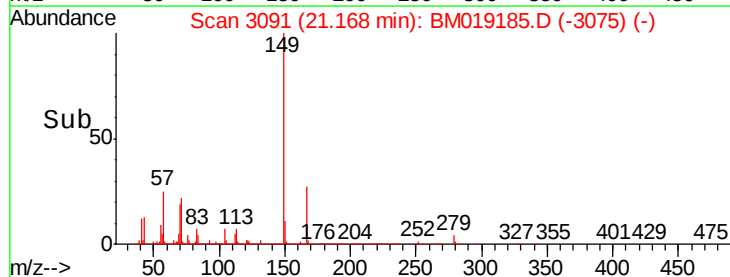
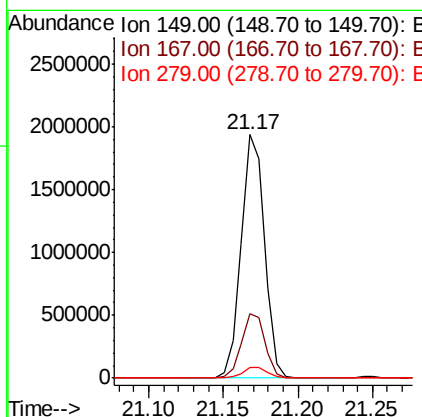
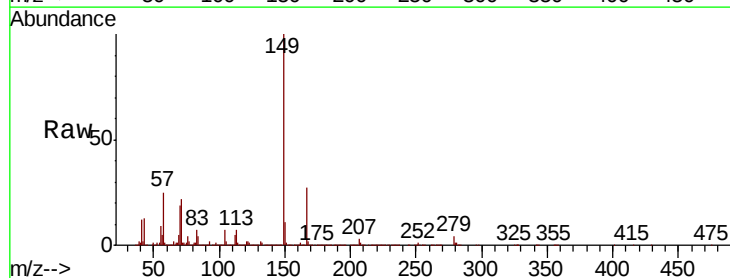
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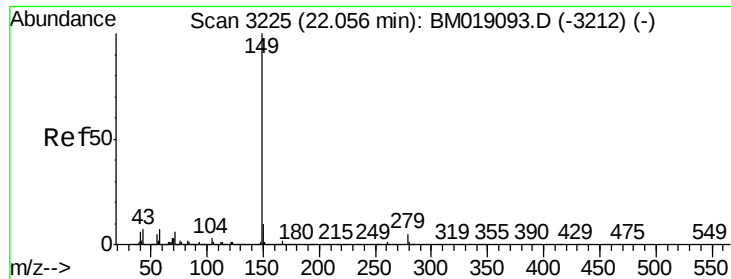
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.086 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.1	31.7
279	4.2	3.2	4.8





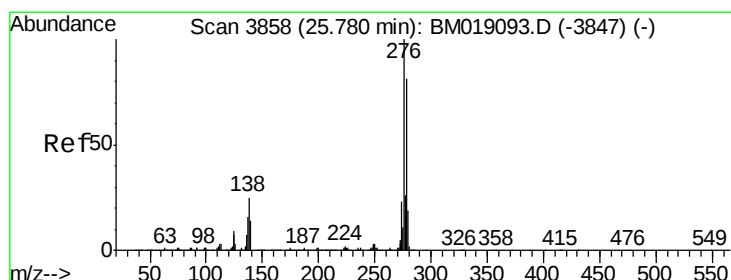
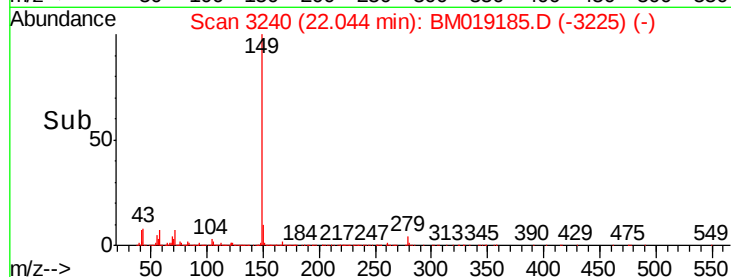
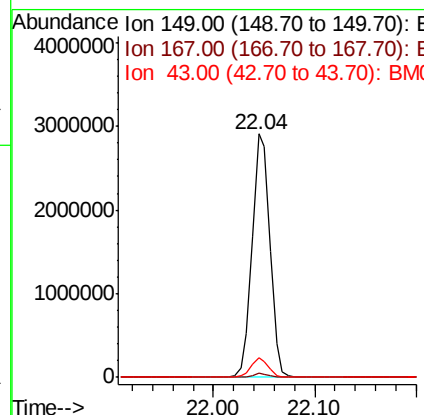
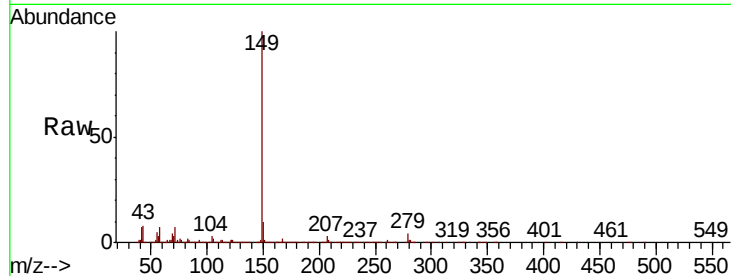
#85
Di-n-octyl phthalate
Concen: 40.055 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

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

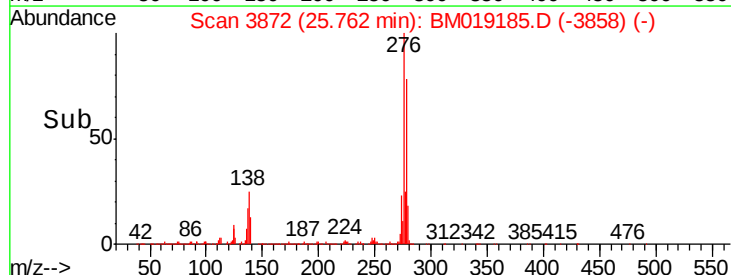
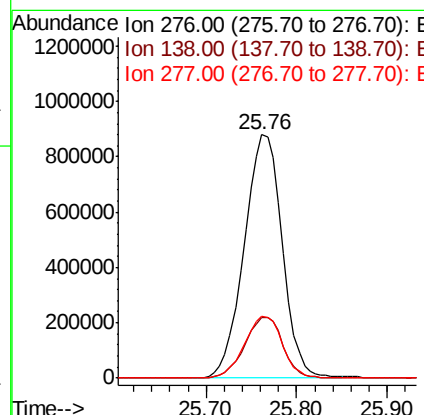
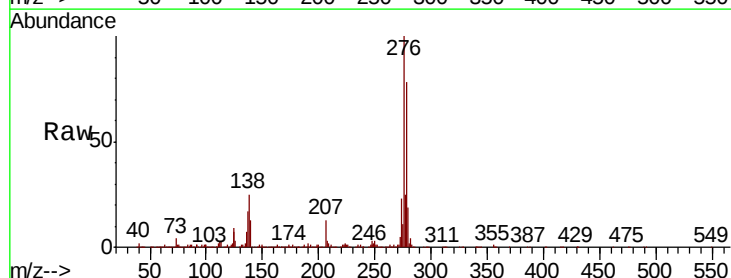
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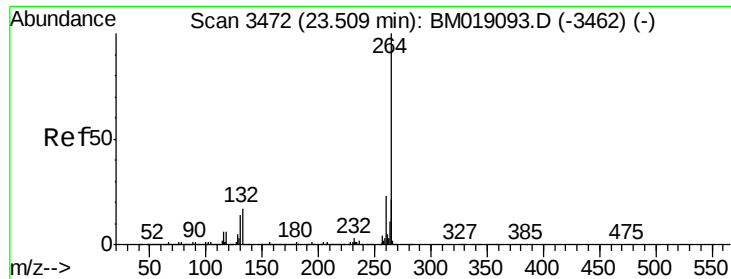
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 30.020 ng
RT: 25.76 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.3	20.3	30.5





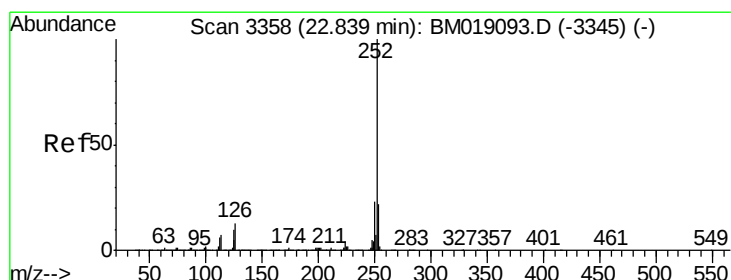
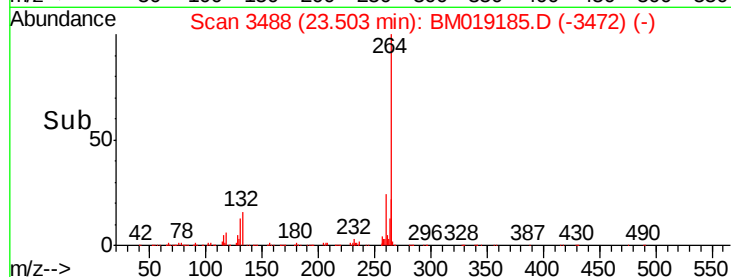
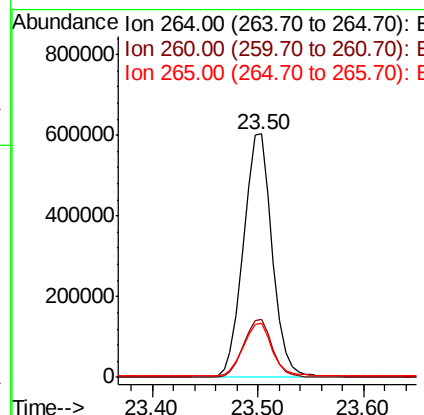
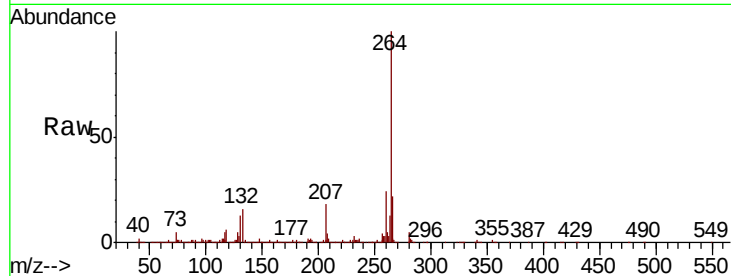
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.4	17.3	25.9

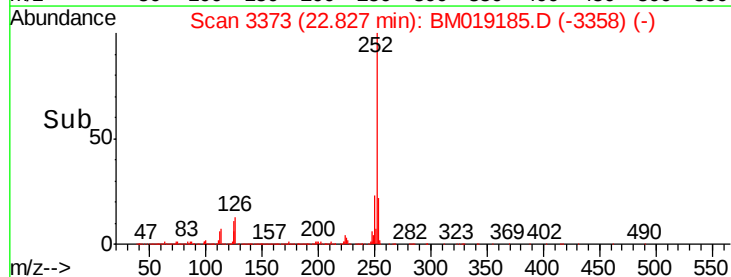
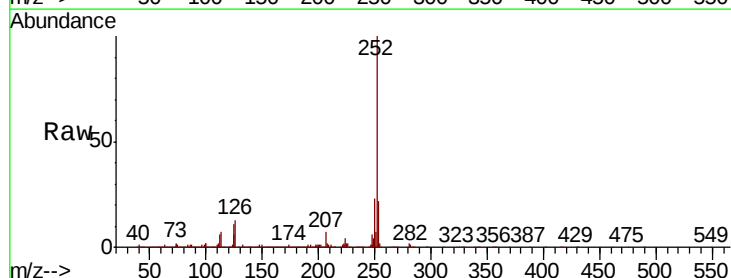
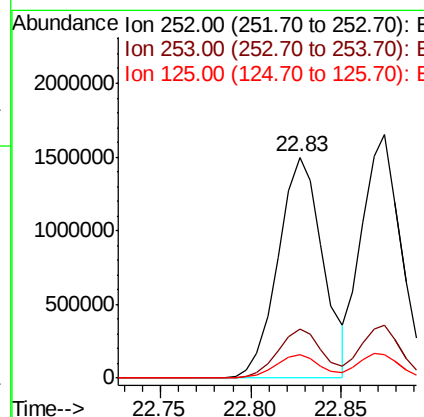
Manual Integrations
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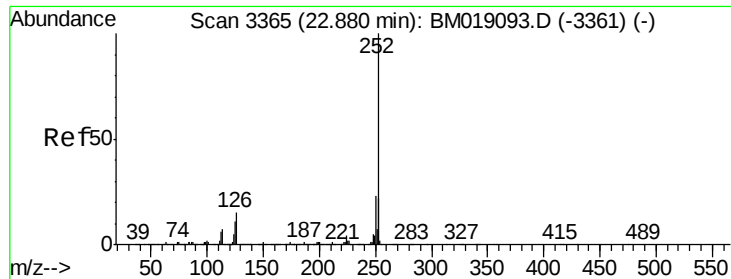
Sohil
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#88
Benzo(b)fluoranthene
Concen: 35.021 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	8.1	12.1





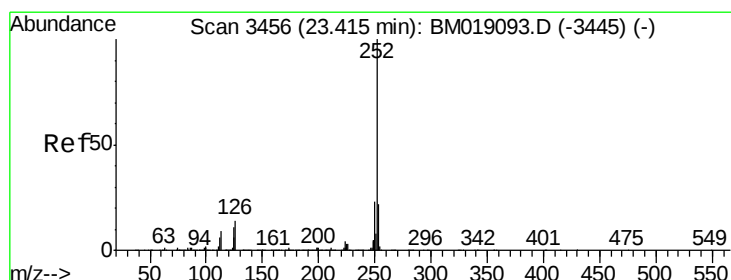
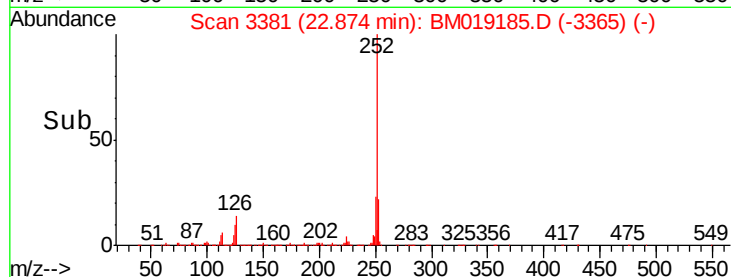
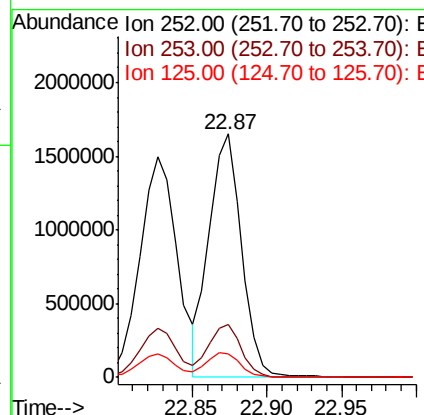
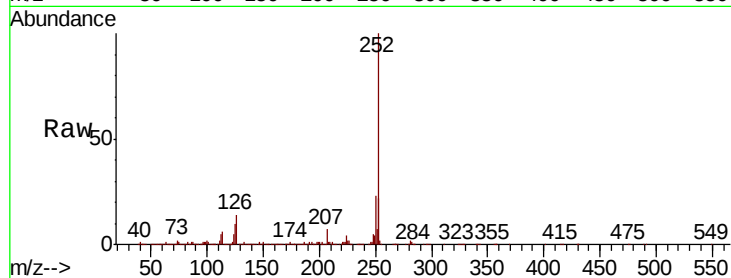
#89
Benzo(k)fluoranthene
Concen: 36.502 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.9	8.8	13.2

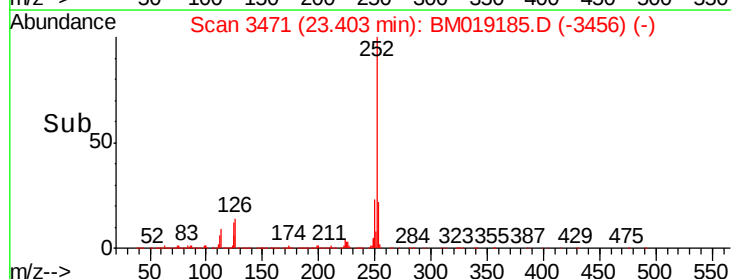
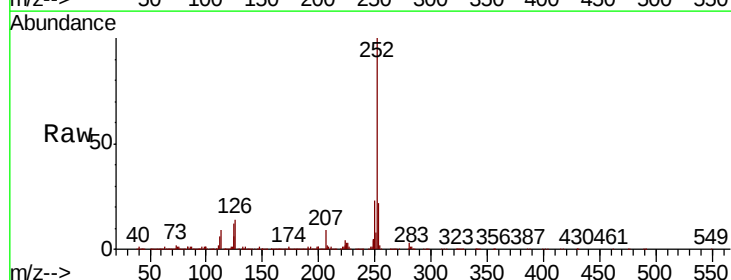
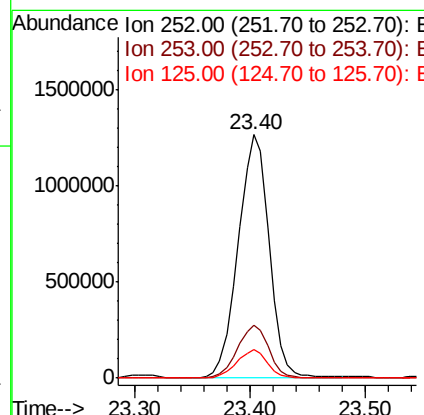
Manual Integrations
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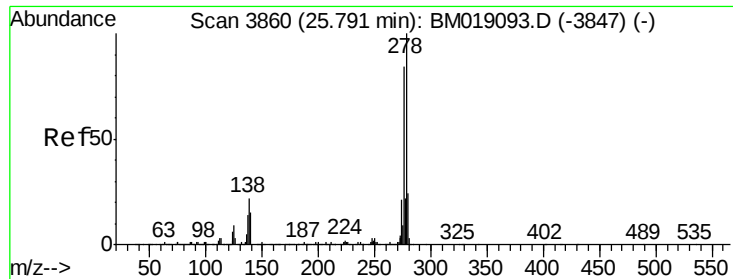
Sohil
3/18/2019 3:04:25 PM



#90
Benzo(a)pyrene
Concen: 35.302 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.7	9.2	13.8





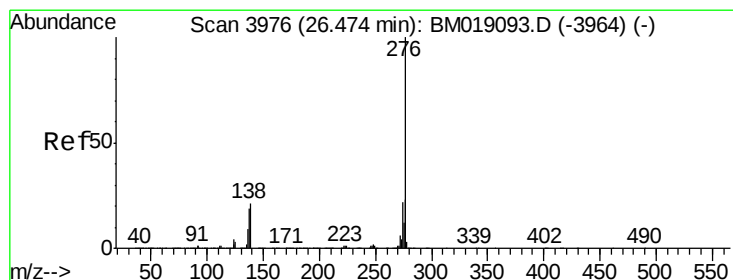
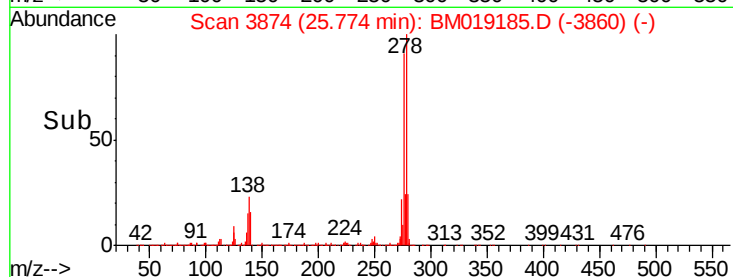
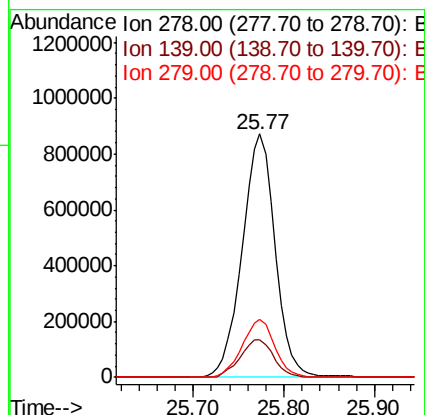
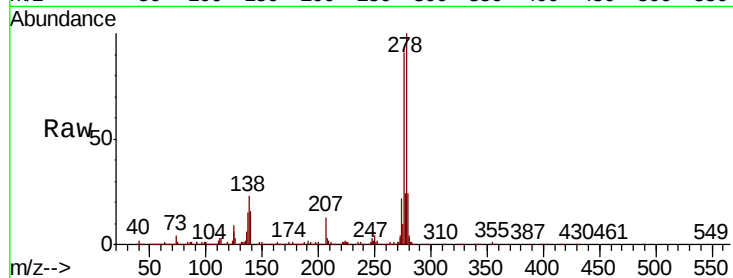
#91
Dibenzo(a,h)anthracene
Concen: 34.464 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	23.7	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/18/2019 3:04:25 PM



#92
Benzo(g,h,i)perylene
Concen: 35.176 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.4	17.0	25.4

