

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019171.D
 Acq On : 14 Mar 2019 16:16
 Operator : JU/SJ
 Sample : K1866-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Manual Integrations
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Sohil
 3/15/2019 5:51:09 PM

Quant Time: Mar 15 05:33:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	198585	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	901113	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	574174	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1336818	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1391844	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1211453	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1662530	135.58	ng	0.00
7) Phenol-d6	6.84	99	2573424	143.48	ng	0.00
23) Nitrobenzene-d5	8.83	82	1584481	83.12	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1138777	134.33	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3459703	78.38	ng	-0.01
79) Terphenyl-d14	19.70	244	5990246	85.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	180779	33.140	ng	99
3) Pyridine	3.62	79	349487	23.549	ng	99
4) n-Nitrosodimethylamine	3.53	42	169456	36.728	ng	92
6) Aniline	7.00	93	595345	25.709	ng	99
8) 2-Chlorophenol	7.22	128	648225	43.990	ng	98
9) Benzaldehyde	6.82	77	279081	24.737	ng	97
10) Phenol	6.87	94	982091	50.806	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	587329	39.819	ng	99
12) 1,3-Dichlorobenzene	7.54	146	597411	38.310	ng	99
13) 1,4-Dichlorobenzene	7.69	146	613914	38.615	ng	99
14) 1,2-Dichlorobenzene	8.00	146	602071	38.924	ng	98
15) Benzyl Alcohol	7.91	79	656065	44.195	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	584799	38.829	ng	99
17) 2-Methylphenol	8.10	107	574825	45.634	ng	99
18) Hexachloroethane	8.72	117	224734	38.042	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	605017	41.116	ng	98
20) 3+4-Methylphenols	8.43	107	801623	46.884	ng	99
22) Acetophenone	8.49	105	982493	39.453	ng	# 99
24) Nitrobenzene	8.87	77	827902	41.759	ng	99
25) Isophorone	9.39	82	1565699	43.043	ng	99
26) 2-Nitrophenol	9.57	139	358386	43.610	ng	98
27) 2,4-Dimethylphenol	9.63	122	603331	49.383	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	919047	42.670	ng	99
29) 2,4-Dichlorophenol	10.10	162	668807	49.428	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	630511	41.325	ng	98
31) Naphthalene	10.49	128	1960658	41.281	ng	100
32) Benzoic acid	9.77	122	219396m	21.204	ng	
33) 4-Chloroaniline	10.62	127	486509	24.988	ng	99
34) Hexachlorobutadiene	10.75	225	335654	38.336	ng	99
35) Caprolactam	11.45	113	214695m	44.542	ng	
36) 4-Chloro-3-methylphenol	11.75	107	805672	48.257	ng	98
37) 2-Methylnaphthalene	12.11	142	1536481	44.518	ng	100
38) 1-Methylnaphthalene	12.33	142	1453285	42.720	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	730366	40.213	ng	99

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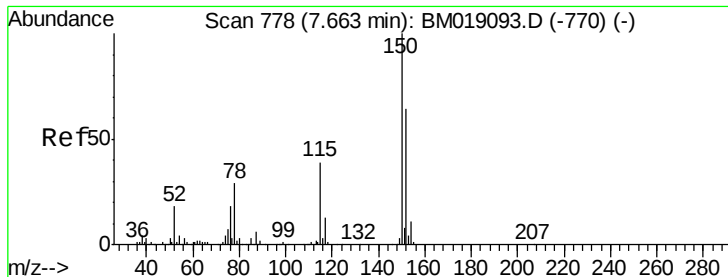
Manual Integrations
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Quant Time: Mar 15 05:33:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
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 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	801657	97.443	nq	98
43) 2,4,6-Trichlorophenol	12.73	196	559426	47.662	nq	99
44) 2,4,5-Trichlorophenol	12.80	196	616367m	49.108	nq	
46) 1,1'-Biphenyl	13.14	154	2028239	40.449	nq	99
47) 2-Chloronaphthalene	13.18	162	1579277	42.194	nq	99
48) 2-Nitroaniline	13.41	65	583931	46.519	nq	97
49) Acenaphthylene	14.03	152	2646752	41.822	nq	100
50) Dimethylphthalate	13.79	163	2455832	49.999	nq	100
51) 2,6-Dinitrotoluene	13.91	165	479425	45.153	nq	96
52) Acenaphthene	14.37	154	1517763	41.737	nq	99
53) 3-Nitroaniline	14.25	138	382549	34.017	nq	97
54) 2,4-Dinitrophenol	14.46	184	434751	70.504	nq	99
55) Dibenzofuran	14.71	168	2509986	42.800	nq	99
56) 4-Nitrophenol	14.56	139	825787	89.938	nq	98
57) 2,4-Dinitrotoluene	14.70	165	690151	44.778	nq	99
58) Fluorene	15.36	166	2099032	43.422	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	548315	46.926	nq	100
60) Diethylphthalate	15.15	149	2229014	44.808	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	1027980	43.785	nq	99
62) 4-Nitroaniline	15.42	138	483592	42.671	nq	99
63) Azobenzene	15.66	77	2327942	44.472	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	344589	39.336	nq	99
66) n-Nitrosodiphenylamine	15.59	169	1779989	41.823	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	621013	42.126	nq	99
68) Hexachlorobenzene	16.36	284	734266	41.895	nq	98
69) Atrazine	16.54	200	658199	45.942	nq	100
70) Pentachlorophenol	16.72	266	915196	86.672	nq	99
71) Phenanthrene	17.11	178	3295189	42.054	nq	100
72) Anthracene	17.20	178	3343890	43.593	nq	99
73) Carbazole	17.48	167	3108860	42.941	nq	99
74) Di-n-butylphthalate	18.03	149	3956580	45.193	nq	100
75) Fluoranthene	19.13	202	3823681	42.528	nq	99
77) Benzidine	19.34	184	352305	8.925	nq	99
78) Pyrene	19.50	202	3865553	43.895	nq	100
80) Butylbenzylphthalate	20.40	149	1874666	48.875	nq	98
81) Benzo(a)anthracene	21.25	228	3594455	41.165	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	915923	27.229	nq	99
83) Chrysene	21.30	228	3450886	40.851	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2759065	49.443	nq	98
85) Di-n-octyl phthalate	22.04	149	4597463	48.927	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3360356	36.953	nq	100
88) Benzo(b)fluoranthene	22.83	252	3385068	43.122	nq	99
89) Benzo(k)fluoranthene	22.87	252	3320557	45.990	nq	99
90) Benzo(a)pyrene	23.40	252	3113969	44.142	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2885433	42.758	nq	98
92) Benzo(g,h,i)perylene	26.46	276	2662214	42.970	nq	99

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



#1

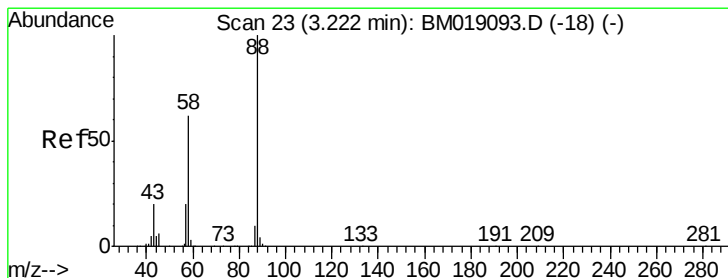
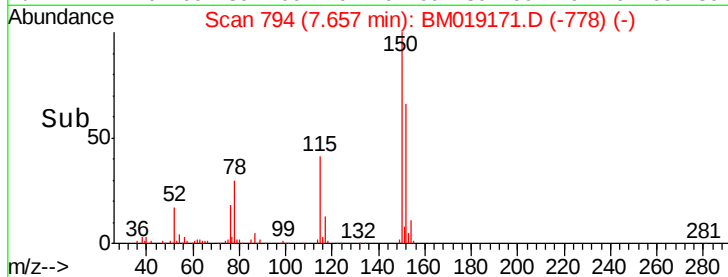
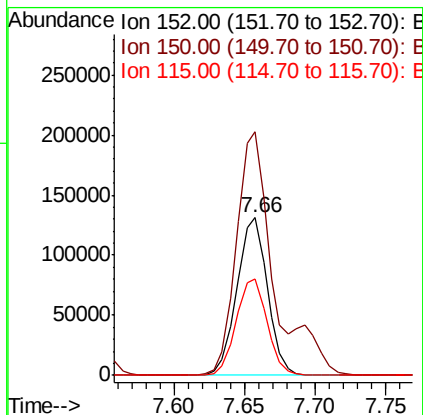
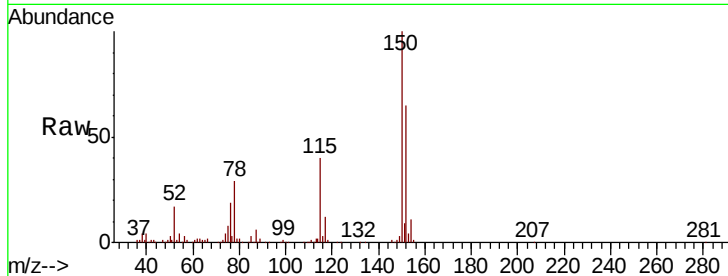
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	61.5	49.4	74.0

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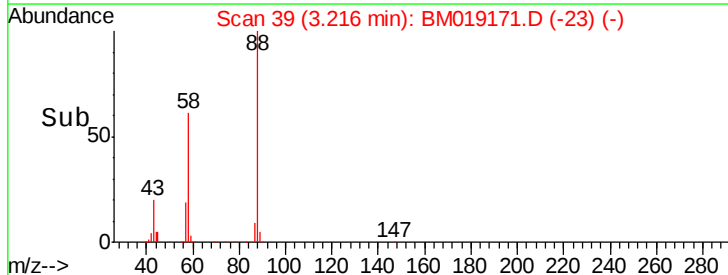
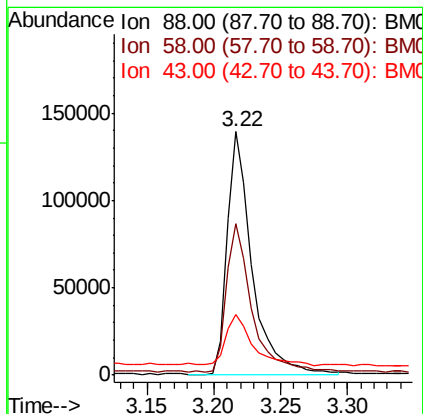
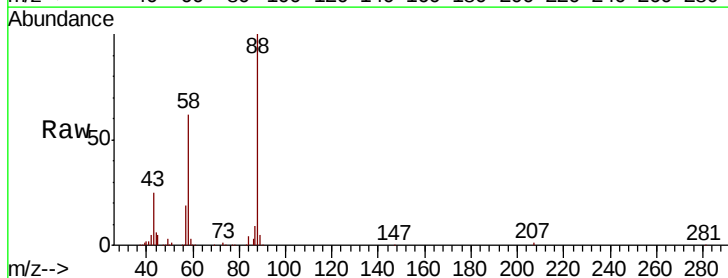
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#2

1,4-Dioxane
Concen: 33.140 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	50.0	75.0
43	22.9	17.0	25.4





#3

Pvridine

Concen: 23.549 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

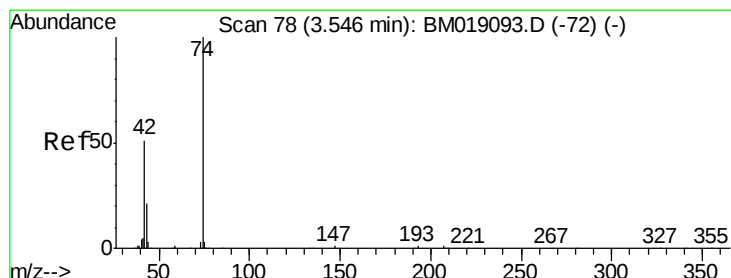
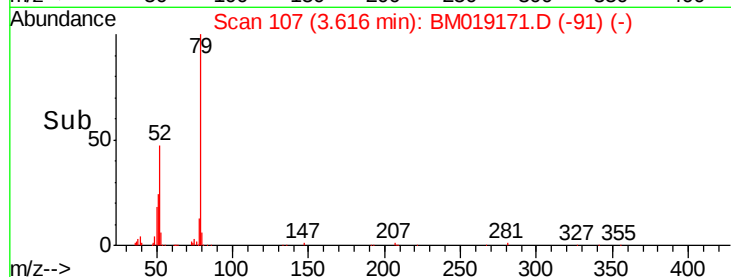
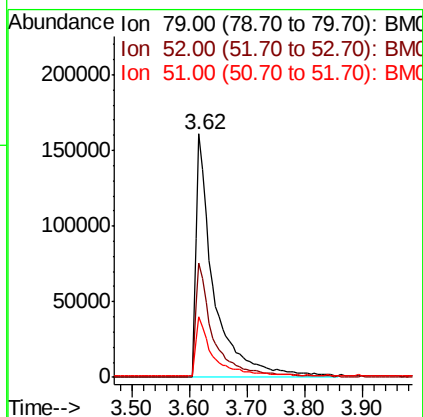
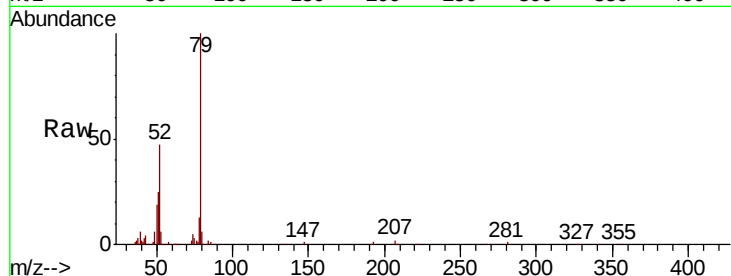
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	79	Resp:	349487
Ion Ratio	Lower	Upper	
79	100		
52	47.2	37.5	56.3
51	24.7	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.728 ng

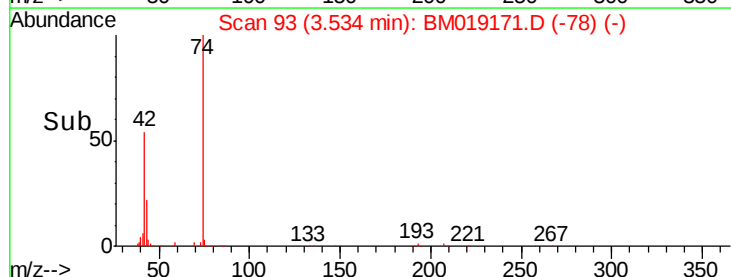
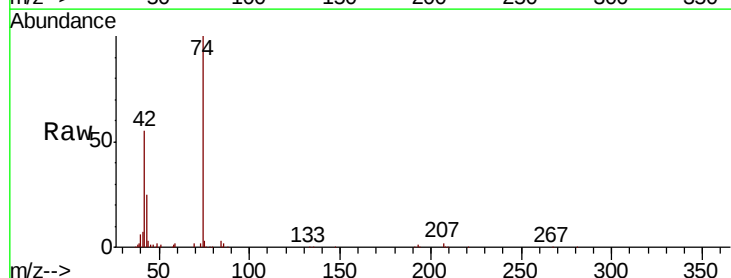
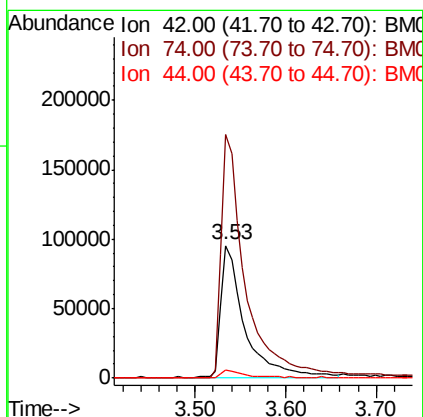
RT: 3.53 min Scan# 93

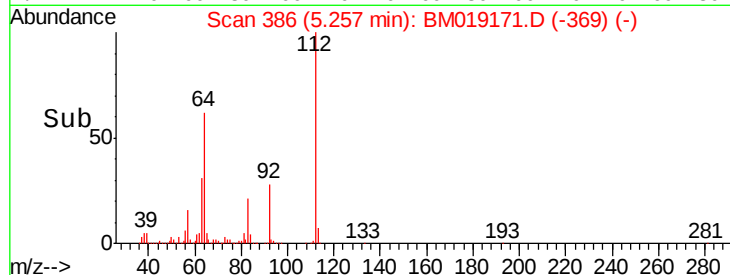
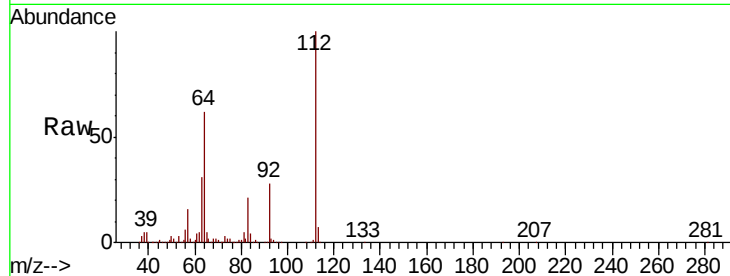
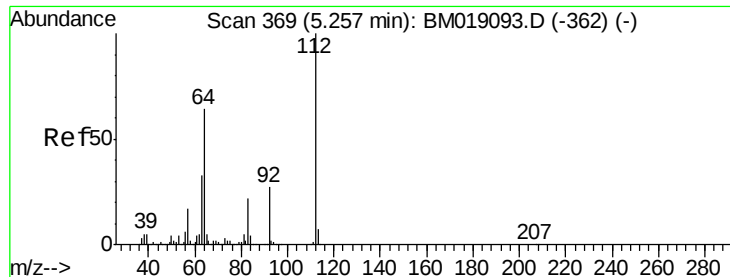
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	42	Resp:	169456
Ion Ratio	Lower	Upper	
42	100		
74	183.3	156.3	234.5
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 135.581 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tot Ion:	112	Resp:	1662530
Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.4	77.0
63	31.2	26.6	40.0

Instrument :

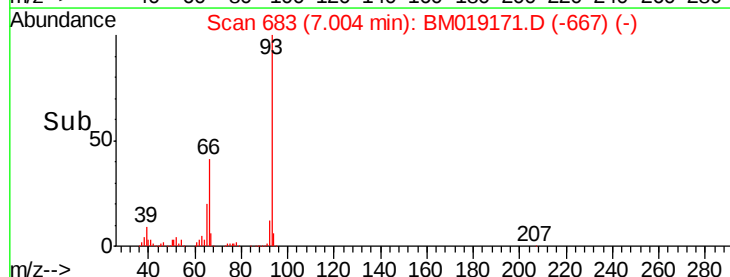
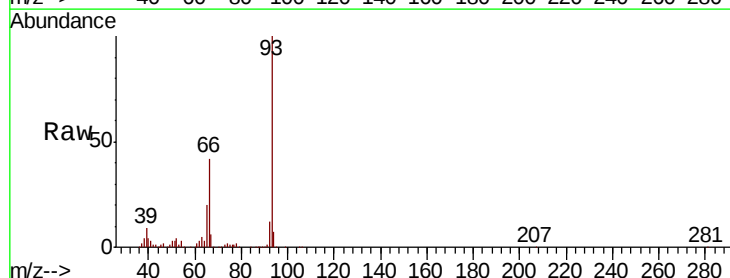
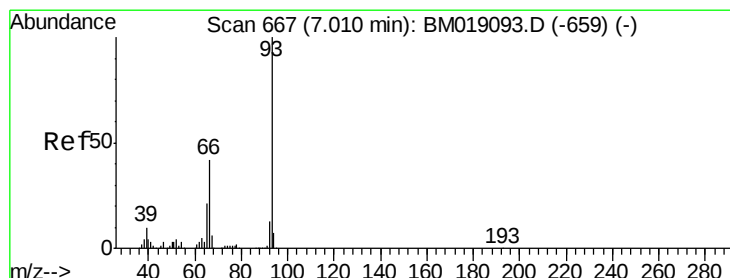
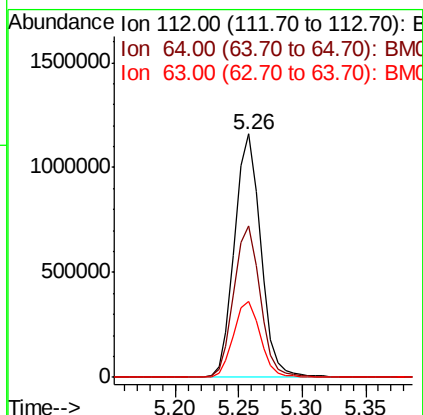
BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Manual Integrations
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#6

Aniline

Concen: 25.709 ng

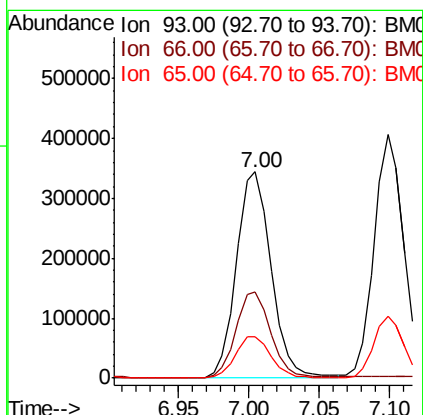
RT: 7.00 min Scan# 683

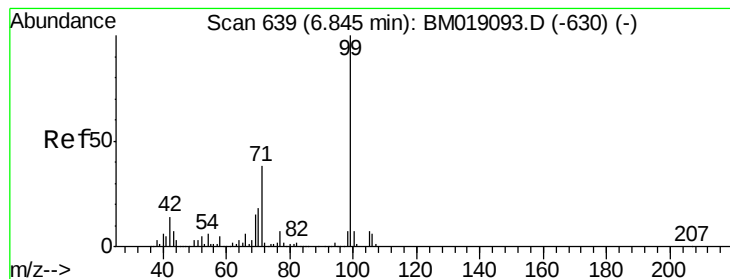
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	93	Resp:	595345
Ion	Ratio	Lower	Upper
93	100		
66	41.9	33.4	50.2
65	20.2	16.8	25.2





#7

Phenol-d6

Concen: 143.477 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion: 99 Resp: 2573424

Ion Ratio Lower Upper

99 100

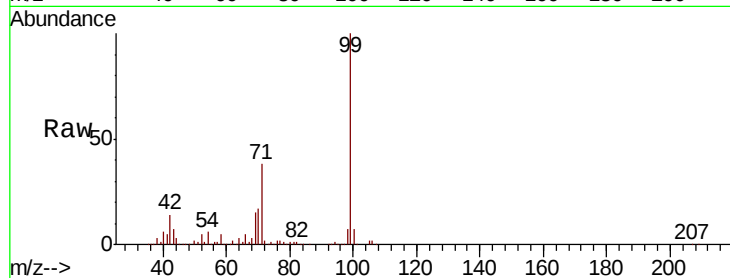
42 13.9 10.9 16.3

71 37.8 30.3 45.5

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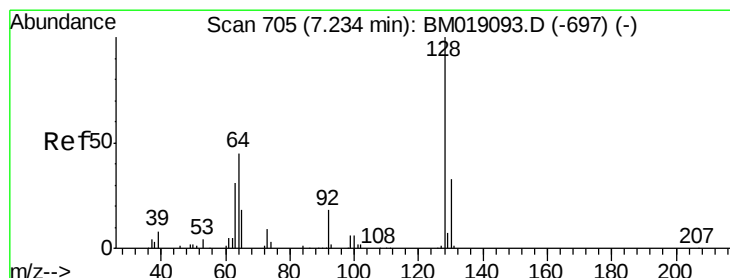
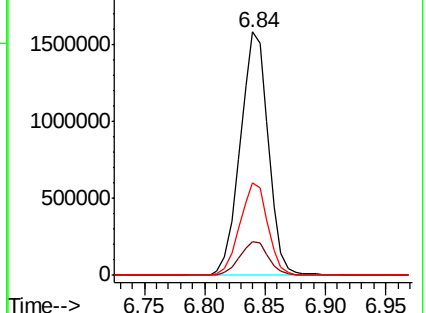
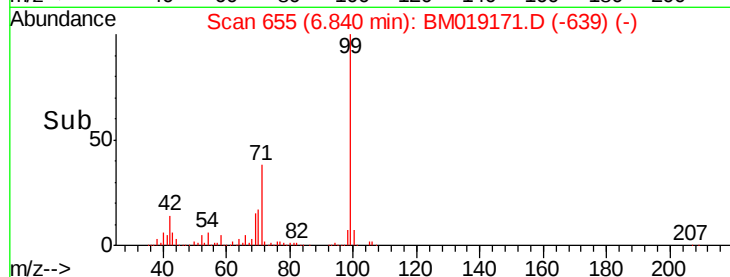


Abundance

Ion 99.00 (98.70 to 99.70): BM019171.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019171.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019171.D (-639) (-)



#8

2-Chlorophenol

Concen: 43.990 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

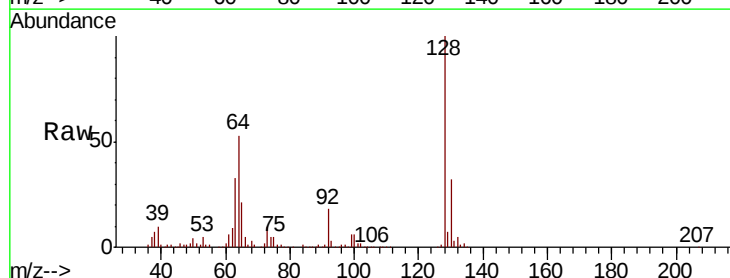
Tgt Ion: 128 Resp: 648225

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 52.6 30.8 70.8

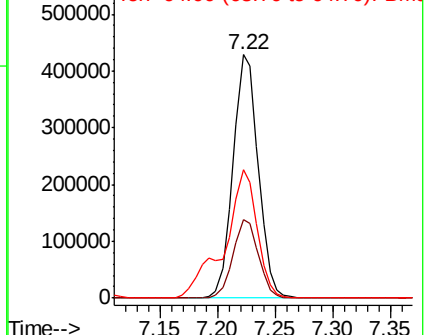
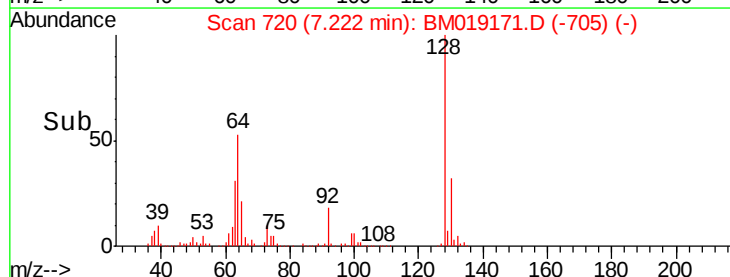


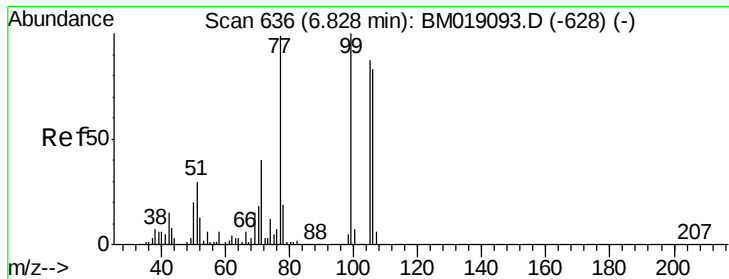
Abundance

Ion 128.00 (127.70 to 128.70): BM019171.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019171.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019171.D (-705) (-)





#9

Benzaldehyde

Concen: 24.737 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

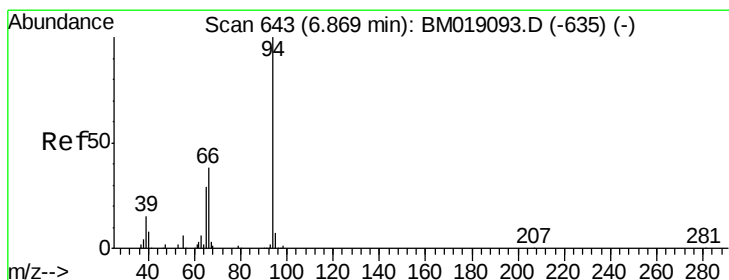
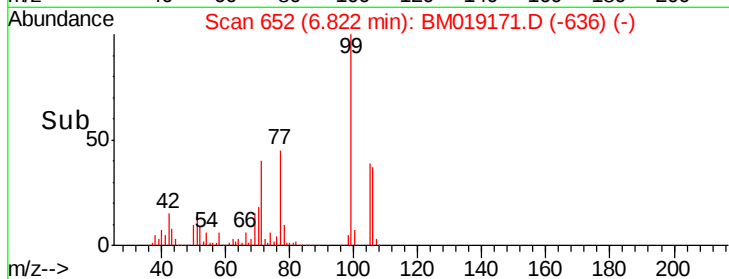
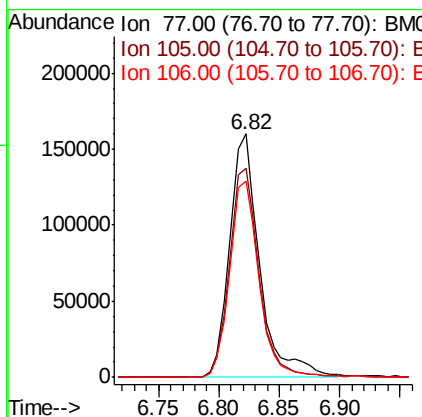
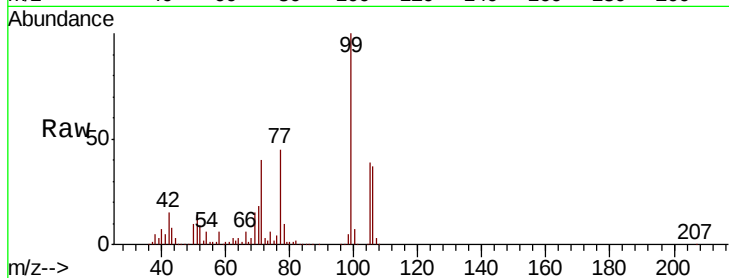
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	77	Resp:	279081
Ion	Ratio	Lower	Upper
77	100		
105	85.8	67.7	107.7
106	80.7	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 50.806 ng

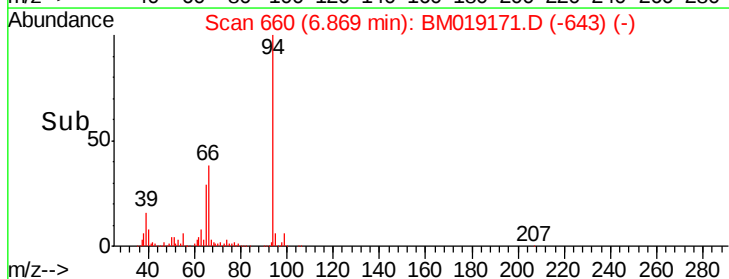
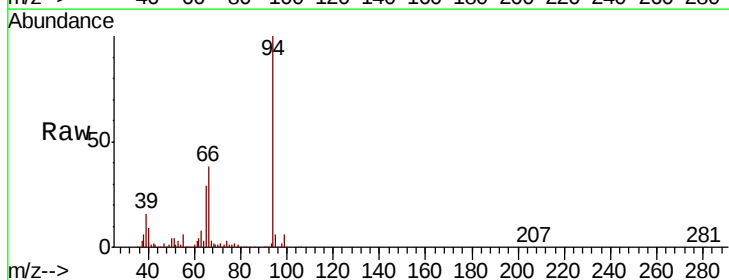
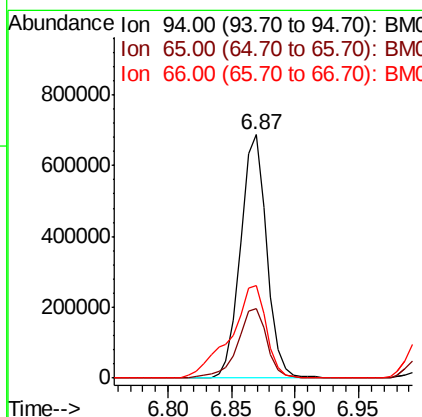
RT: 6.87 min Scan# 660

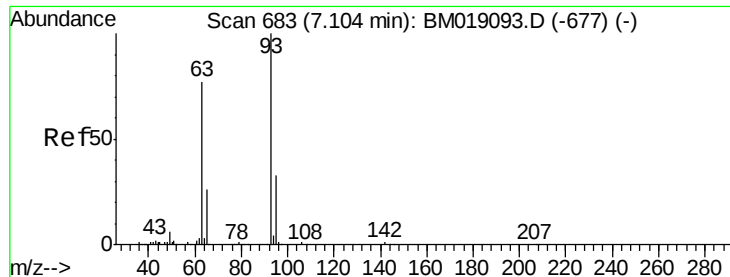
Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	94	Resp:	982091
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.7	49.7
66	38.2	19.2	59.2





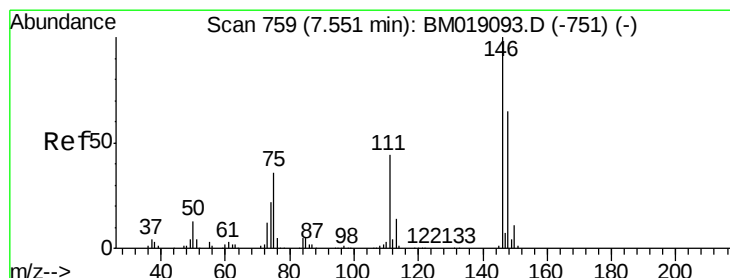
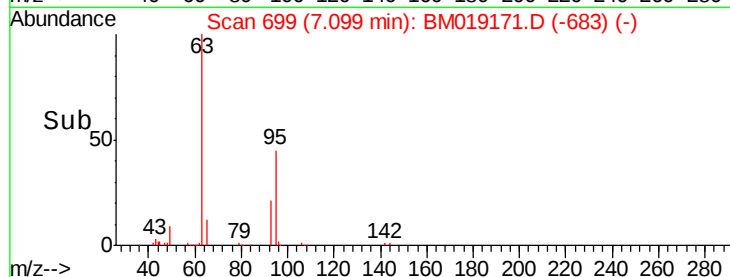
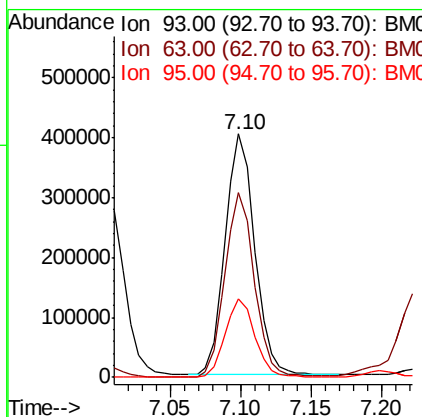
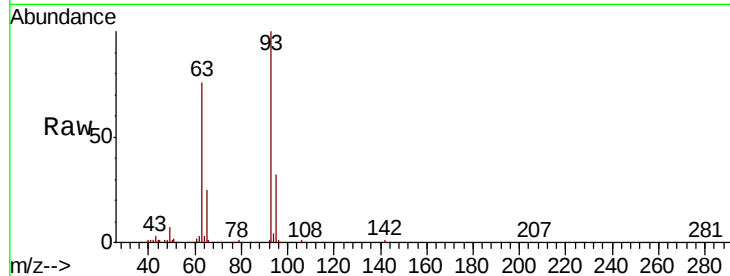
#11
bis(2-Chloroethyl)ether
Concen: 39.819 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	56.6	96.6
95	32.1	13.0	53.0

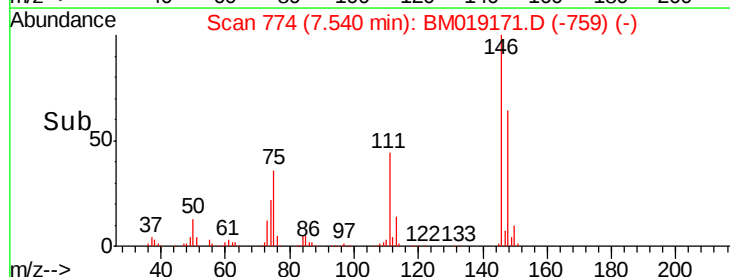
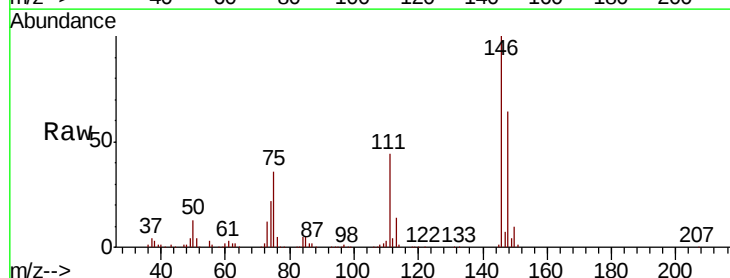
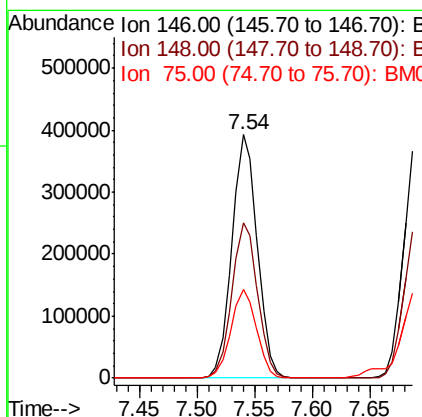
Manual Integrations
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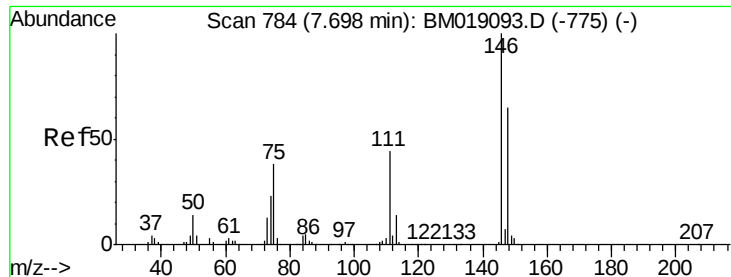
Sohil
3/15/2019 5:51:09 PM



#12
1,3-Dichlorobenzene
Concen: 38.310 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
75	36.5	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 38.615 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

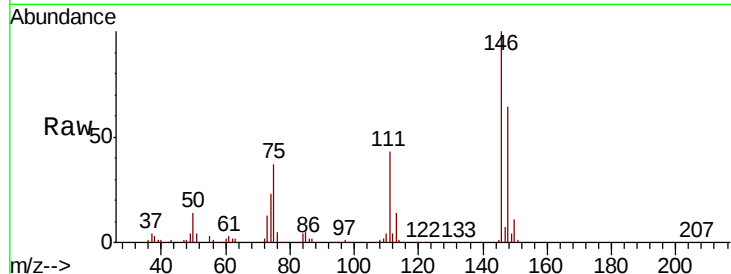
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	146	Resp:	613914
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
111	43.0	35.4	53.0

Manual Integrations
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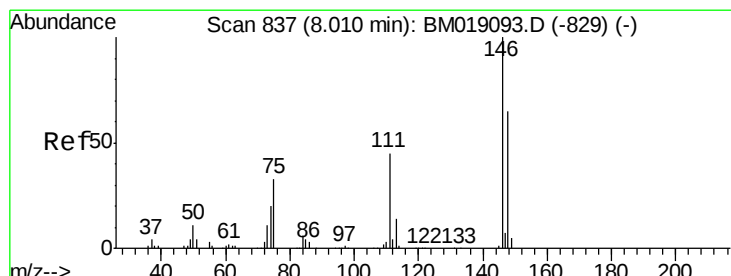
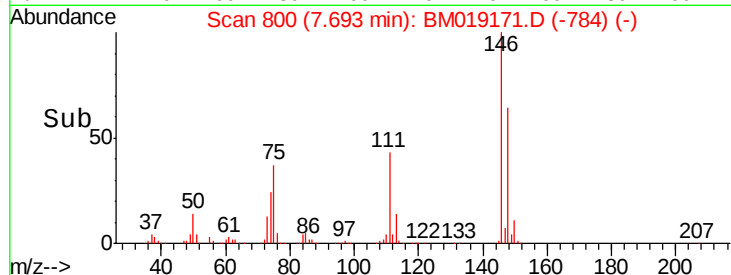
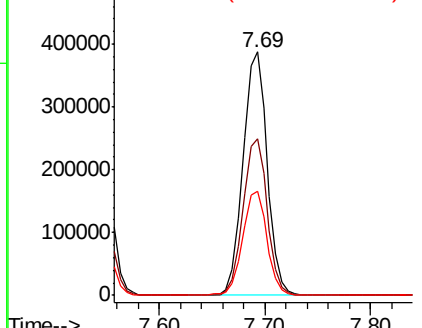


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.924 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

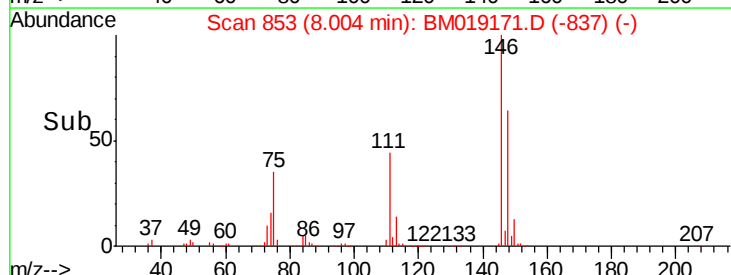
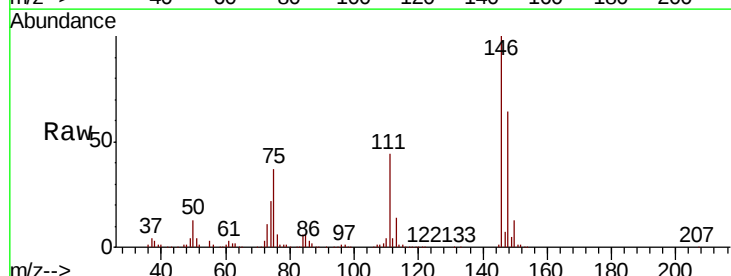
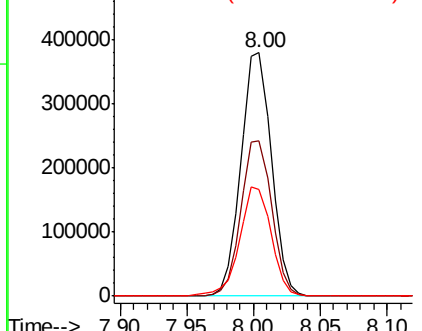
Tgt Ion:	146	Resp:	602071
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
111	43.8	36.2	54.4

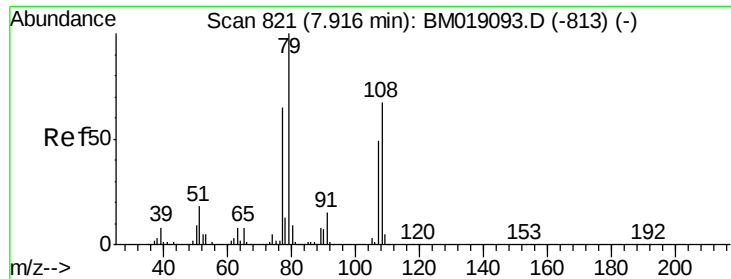
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.195 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

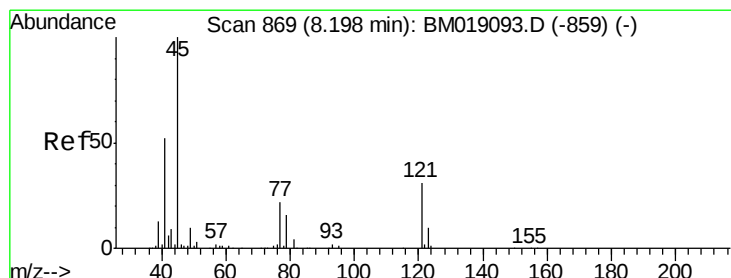
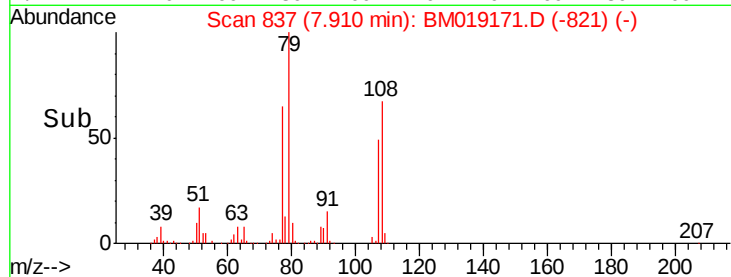
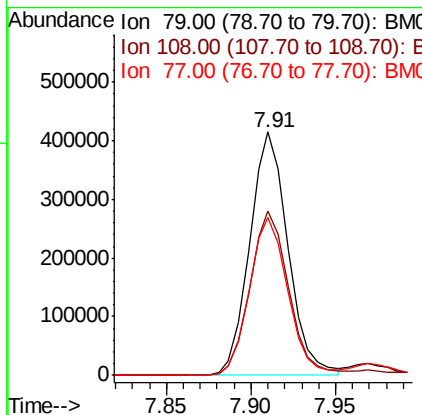
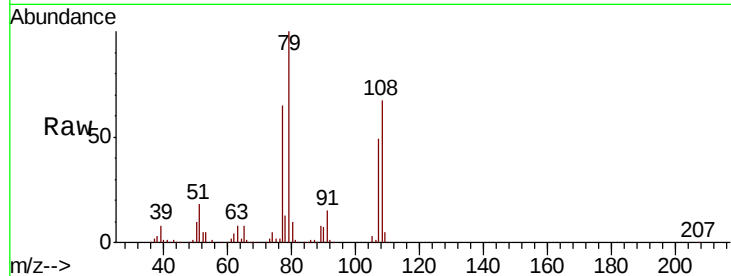
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	79	Resp:	656065
Ion	Ratio	Lower	Upper
79	100		
108	67.5	53.7	80.5
77	65.0	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.829 ng

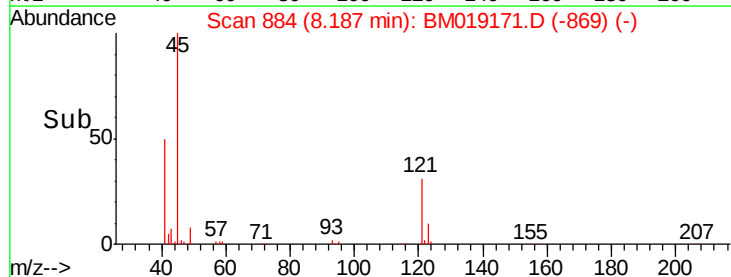
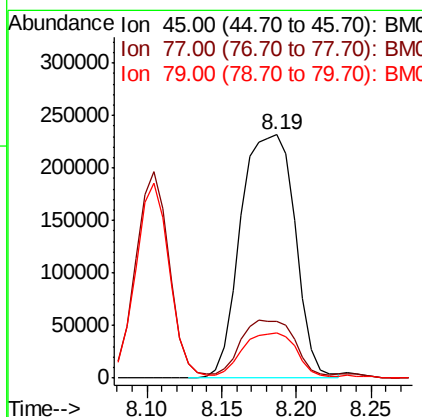
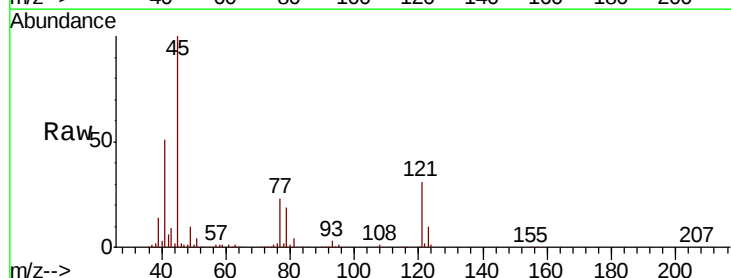
RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	45	Resp:	584799
Ion	Ratio	Lower	Upper
45	100		
77	23.3	4.1	44.1
79	18.6	0.0	38.1





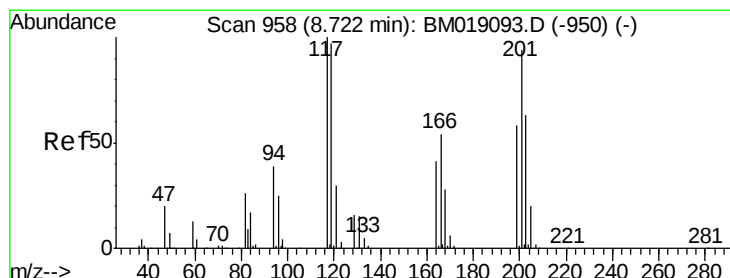
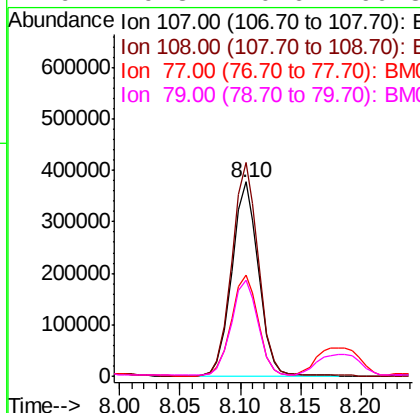
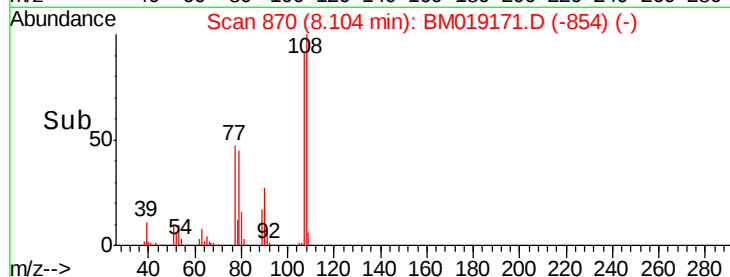
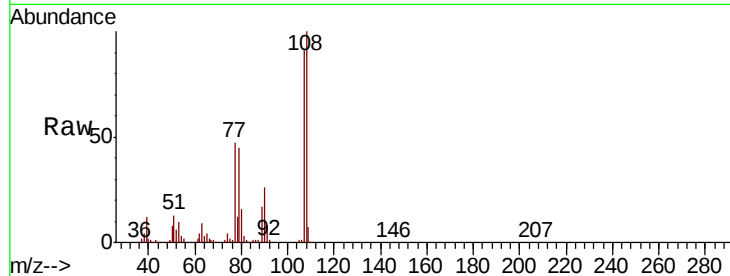
#17
2-Methylphenol
Concen: 45.634 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.4	131.2	
77	52.3	41.6	62.4	
79	49.3	40.6	60.8	

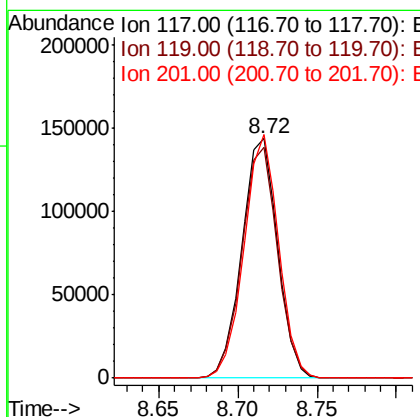
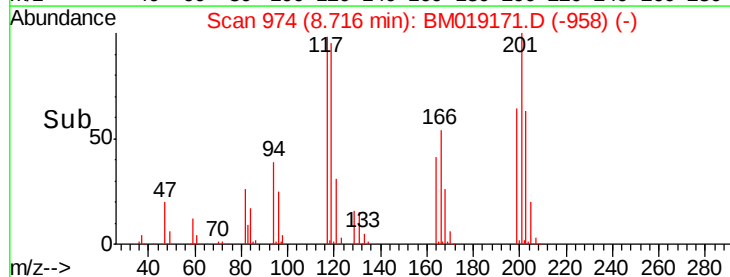
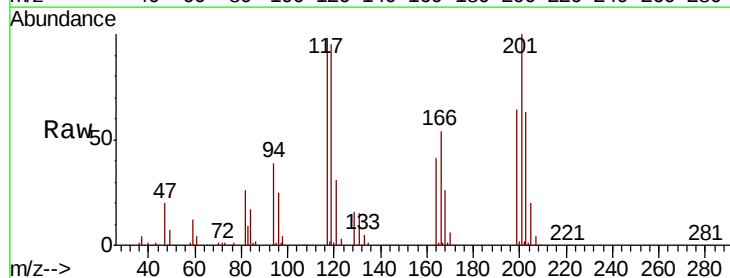
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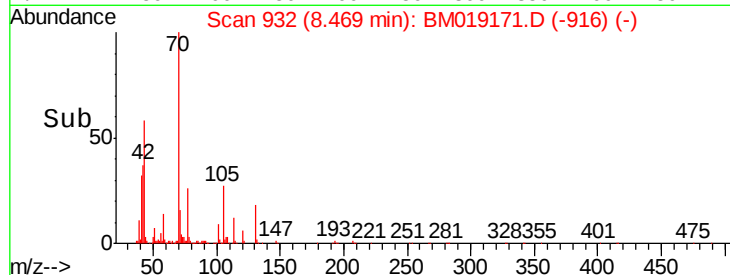
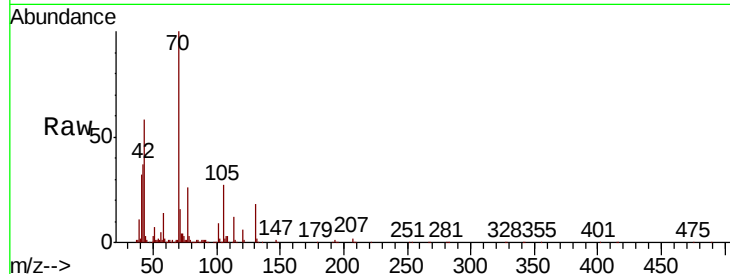
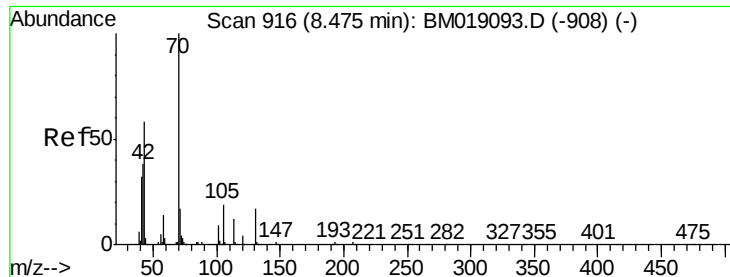
Sohil
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#18
Hexachloroethane
Concen: 38.042 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.2	
201	101.6	75.2	112.8	





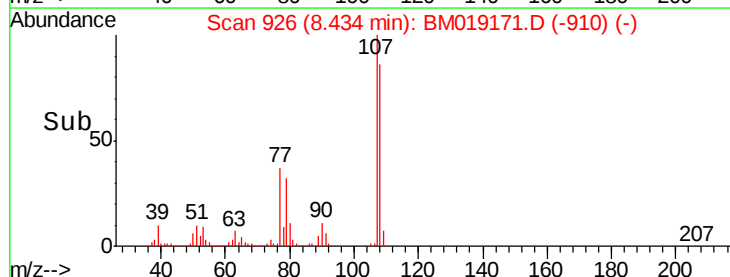
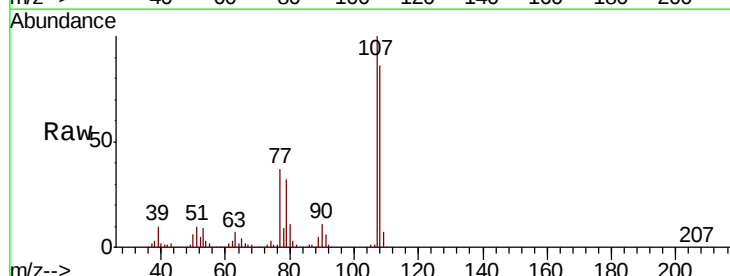
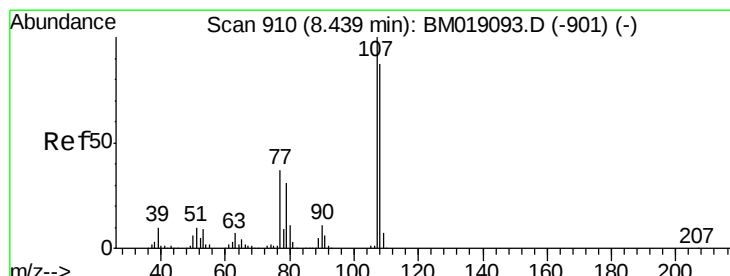
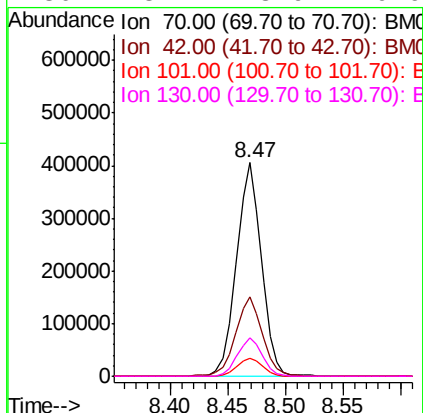
#19
n-Nitroso-di-n-propylamine
Concen: 41.116 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.1	30.6	45.8	
101	8.6	6.8	10.2	
130	18.1	13.9	20.9	

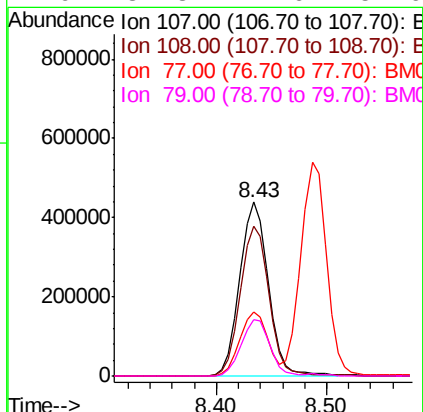
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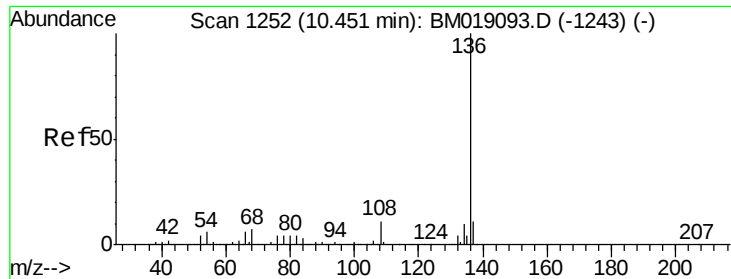
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#20
3+4-Methylphenols
Concen: 46.884 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	67.0	107.0	
77	37.1	17.3	57.3	
79	32.3	11.6	51.6	





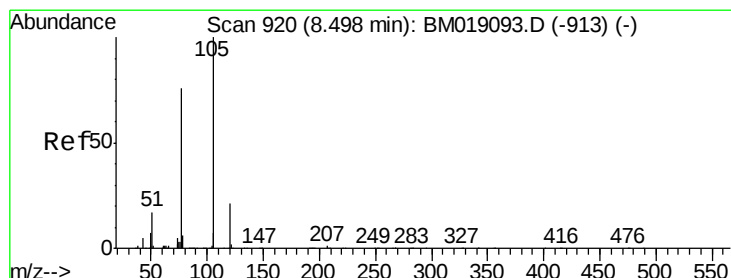
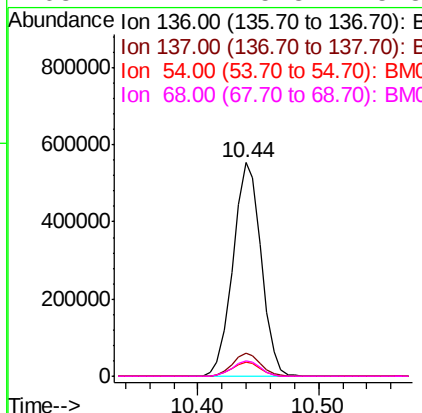
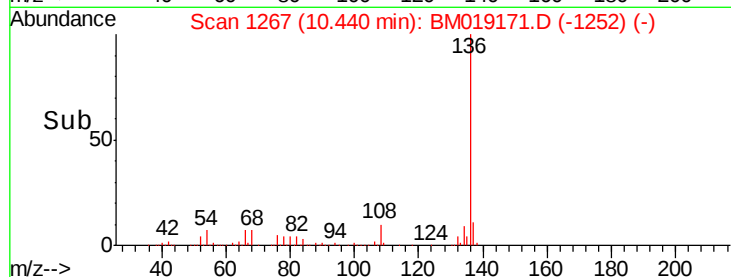
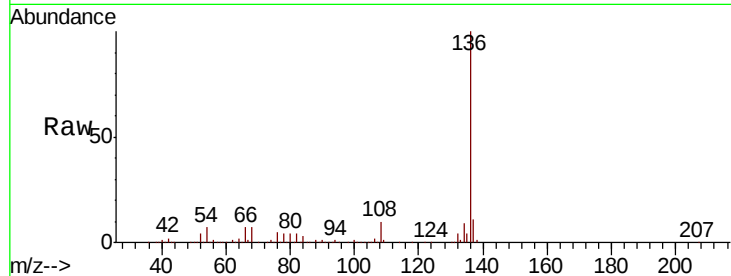
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	901113		
137	10.8	8.6	13.0	
54	6.7	5.2	7.8	
68	7.2	5.8	8.8	

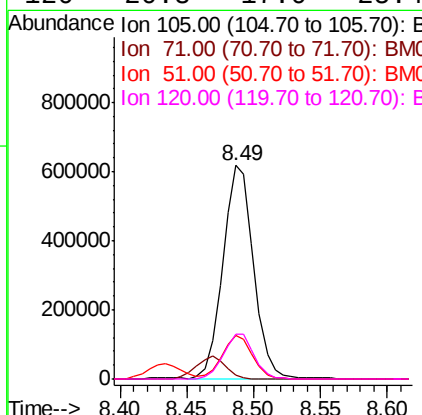
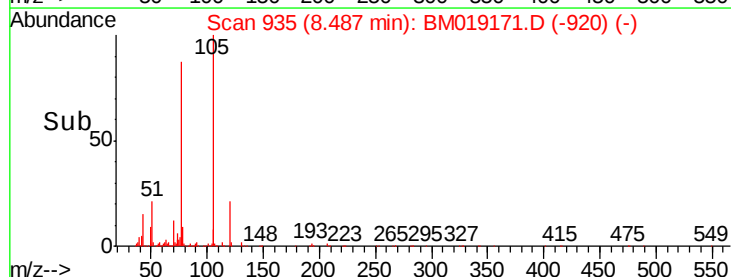
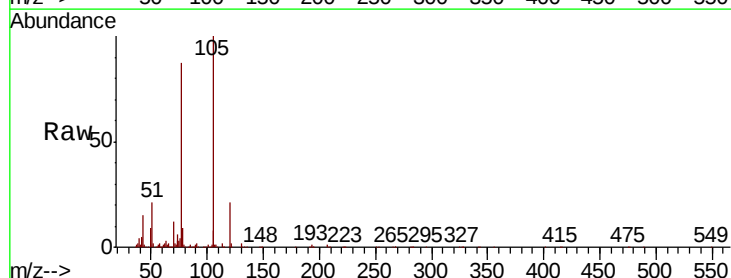
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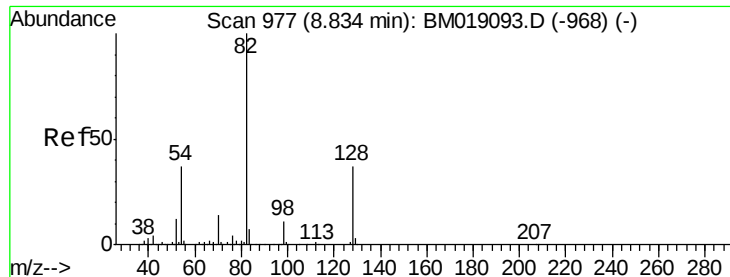
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#22
Acetophenone
Concen: 39.453 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	982493		
71	1.9	0.8	1.2#	
51	20.7	15.8	23.6	
120	20.8	17.0	25.4	





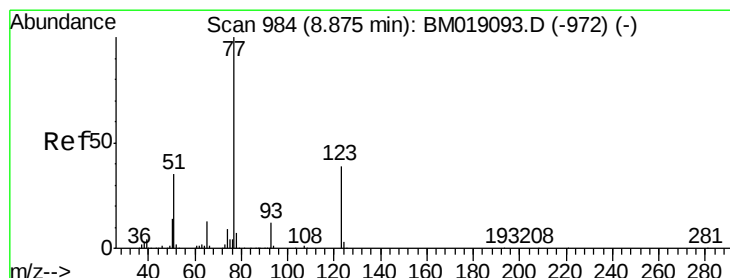
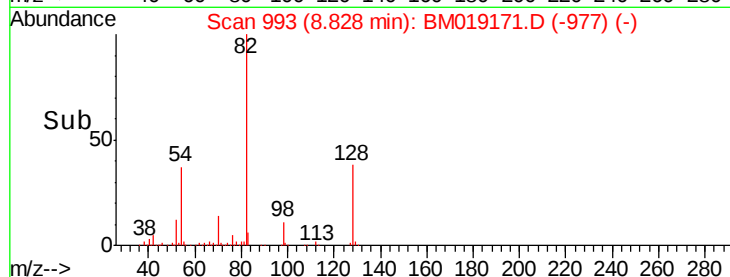
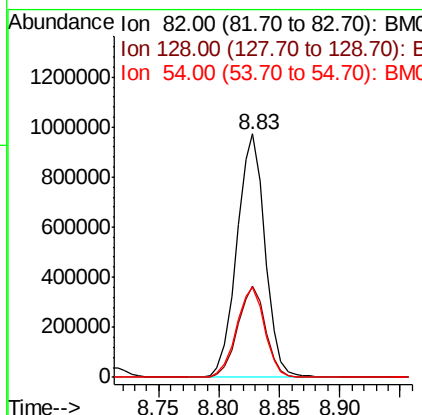
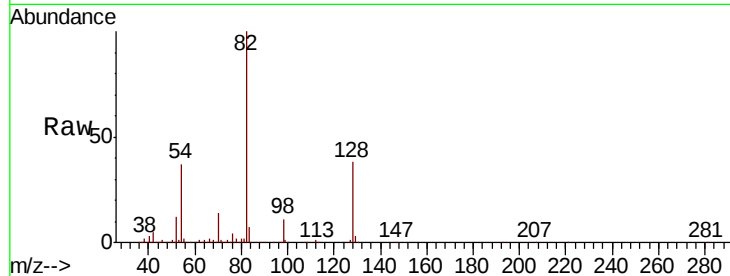
#23
Nitrobenzene-d5
Concen: 83.118 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	37.0	29.9	44.9

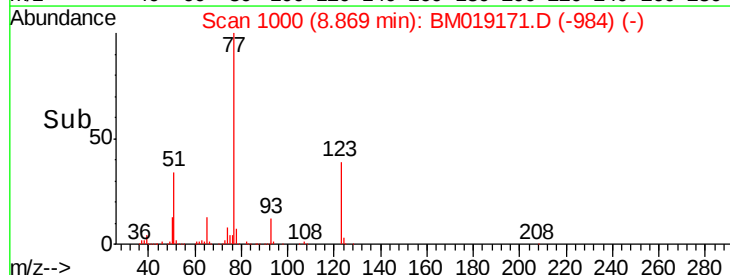
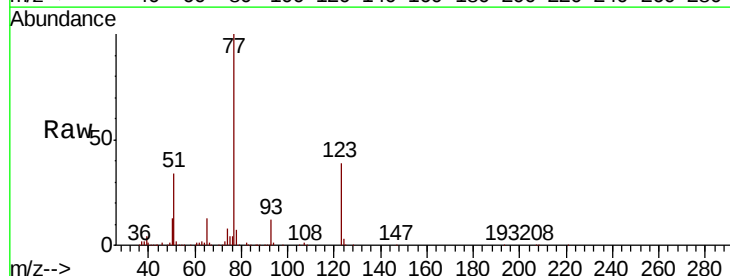
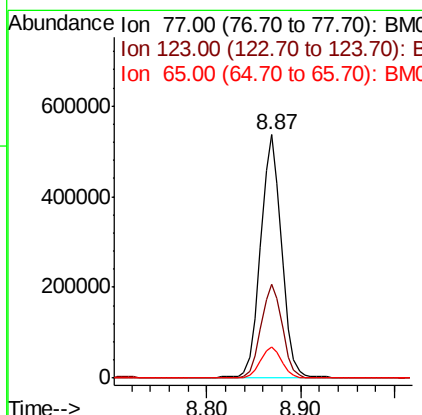
Manual Integrations
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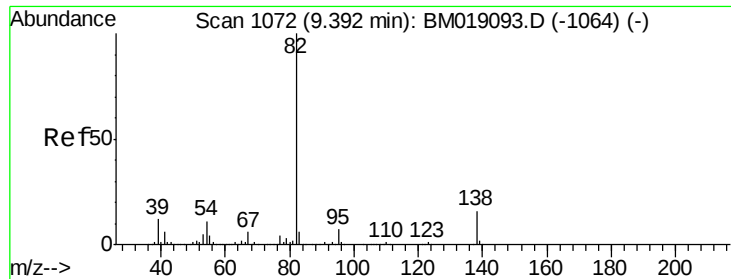
Sohil
3/15/2019 5:51:09 PM



#24
Nitrobenzene
Concen: 41.759 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.3	46.9
65	12.9	10.5	15.7





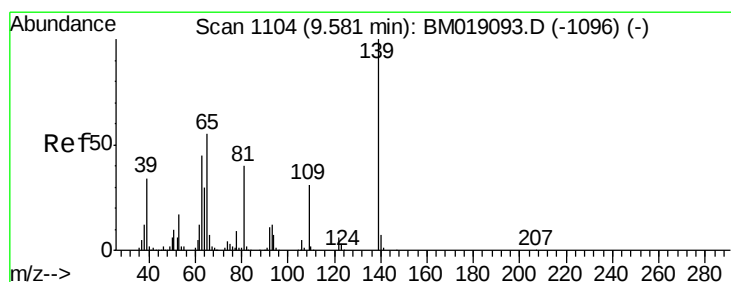
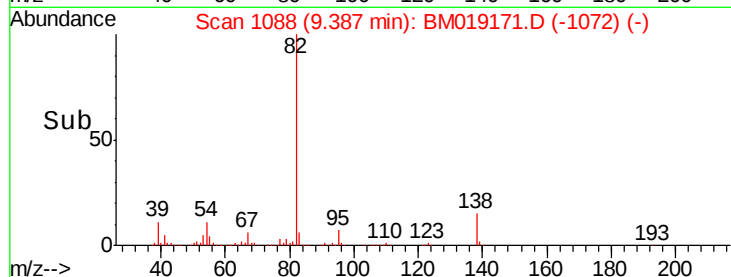
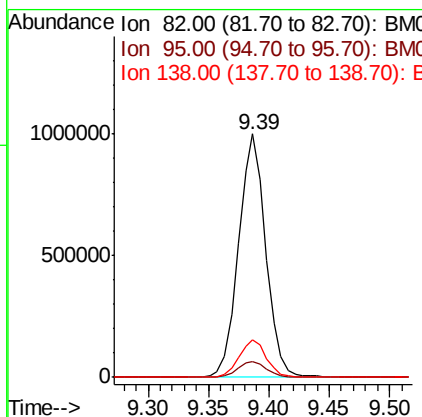
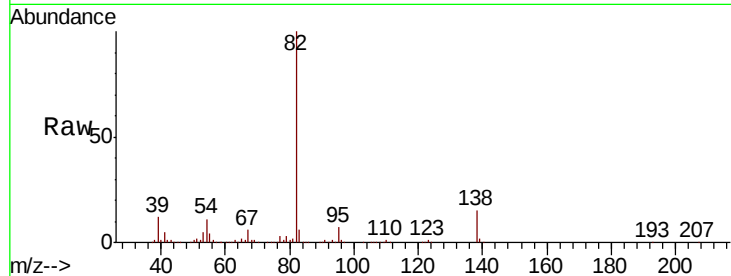
#25
Isophorone
Concen: 43.043 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	82	Resp	1565699
Ion Ratio	100	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	15.4	12.6	18.8

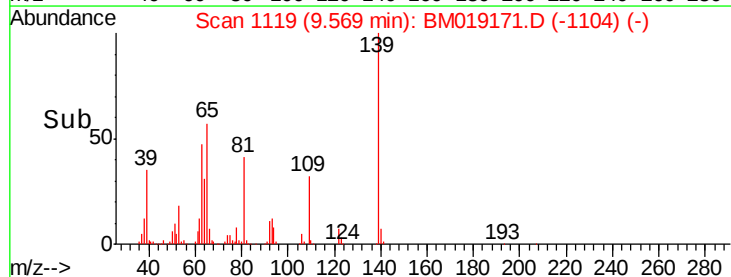
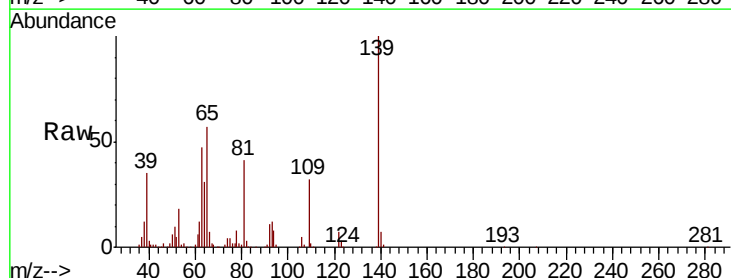
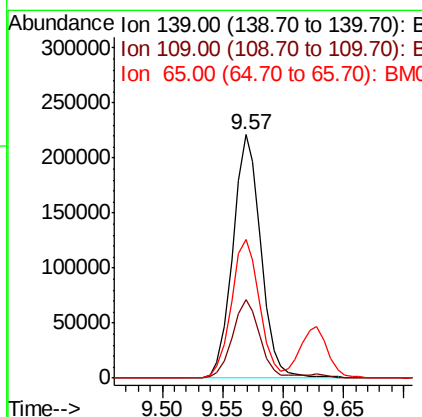
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#26
2-Nitrophenol
Concen: 43.610 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	139	Resp	358386
Ion Ratio	100	Lower	Upper
139	100		
109	32.1	24.5	36.7
65	56.8	44.4	66.6





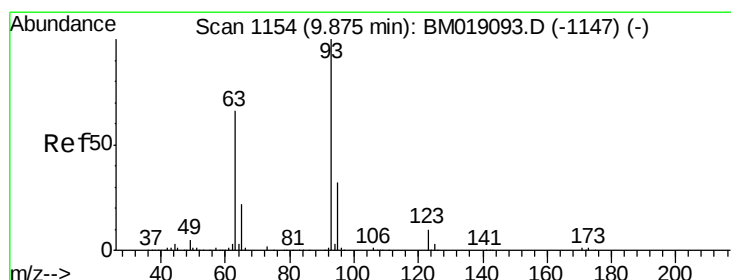
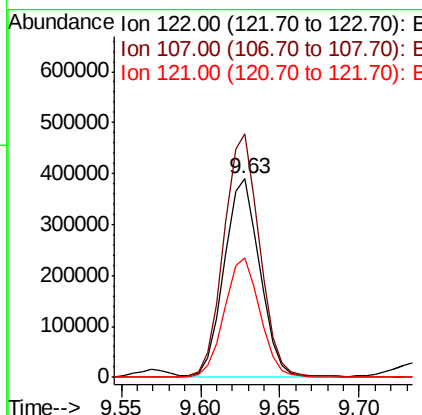
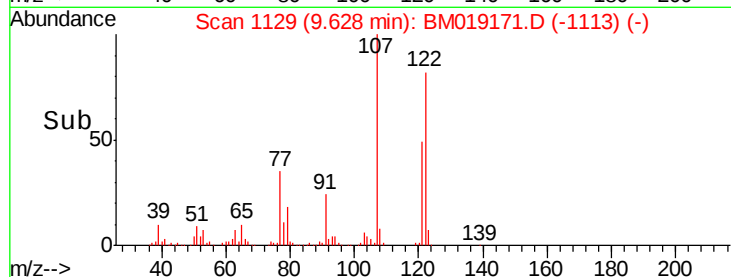
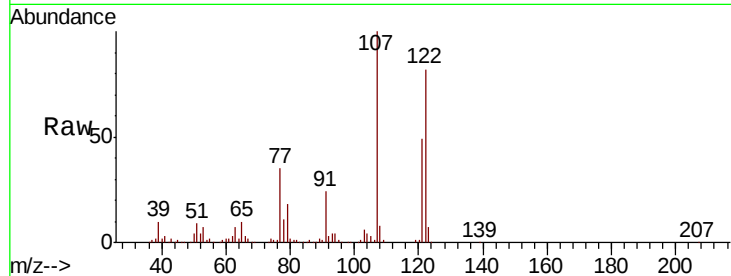
#27
2,4-Dimethylphenol
Concen: 49.383 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	98.2	147.4
121	60.0	48.8	73.2

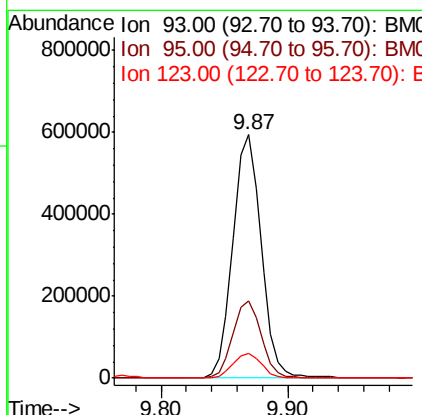
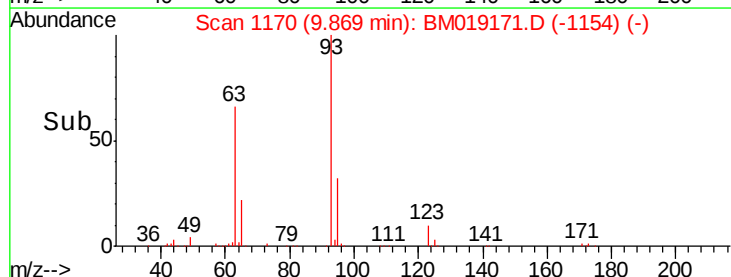
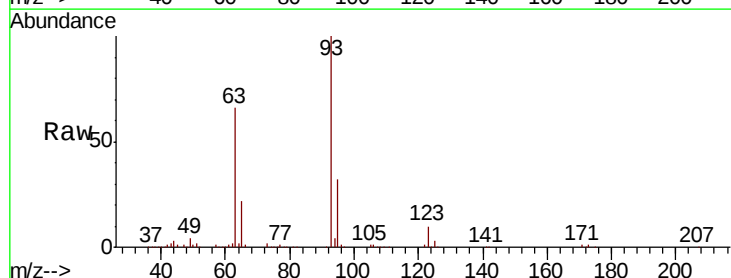
Manual Integrations
APPROVED

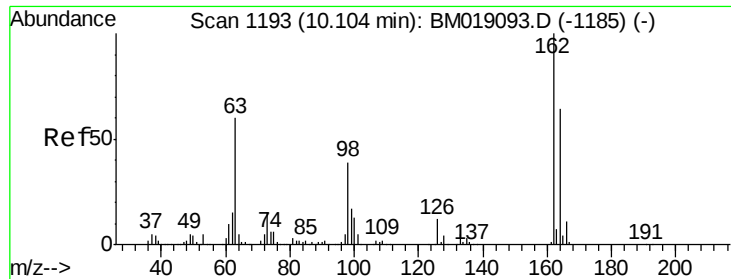
Sohil
3/15/2019 5:51:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.670 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	10.3	7.9	11.9





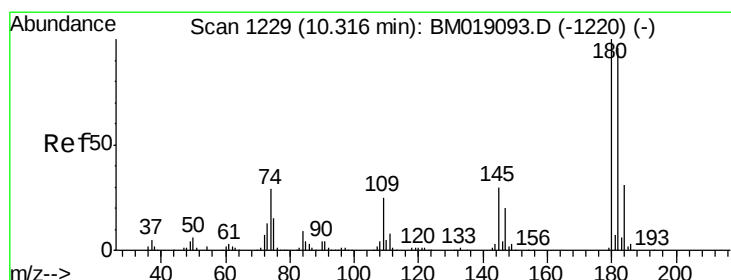
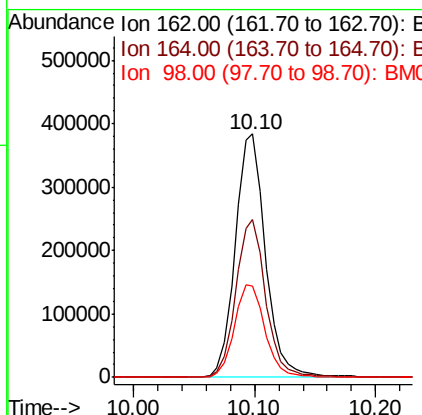
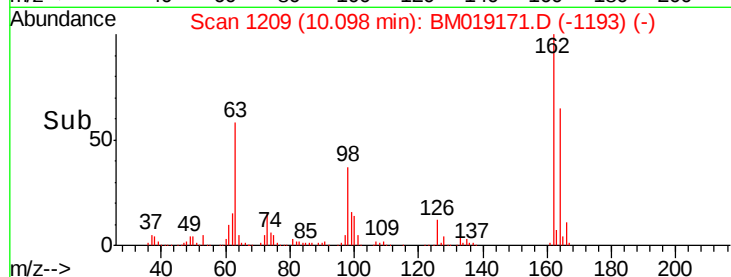
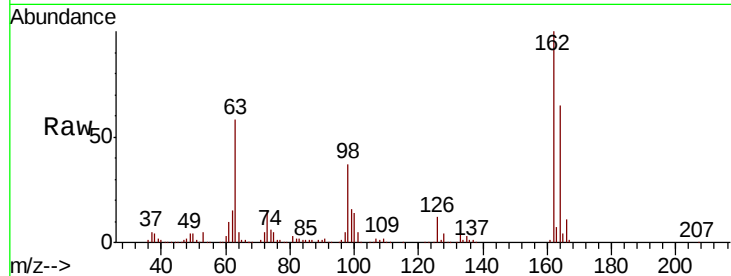
#29
 2,4-Dichlorophenol
 Concen: 49.428 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	668807		
164	64.7	43.5	83.5	
98	37.4	19.1	59.1	

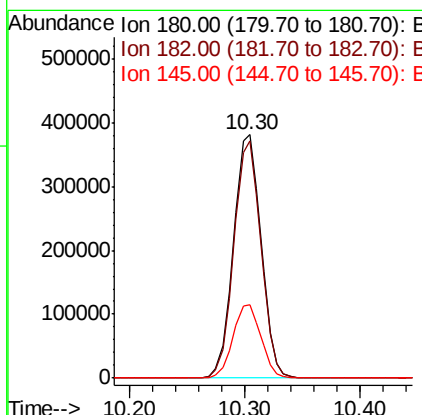
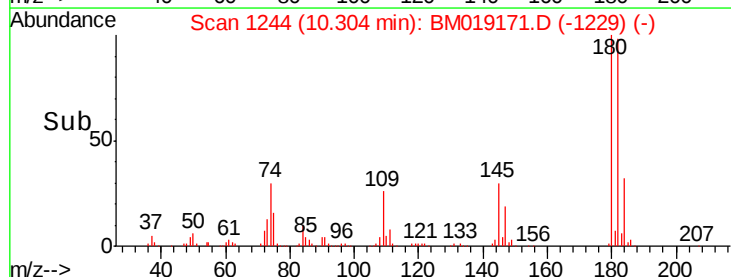
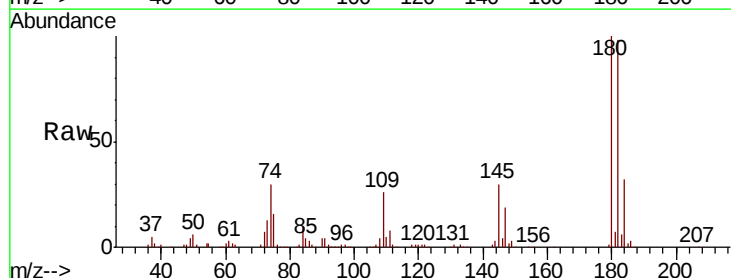
Manual Integrations
 APPROVED

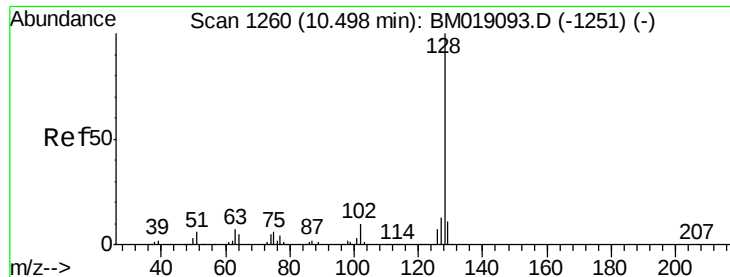
Sohil
 3/15/2019 5:51:09 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.325 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	630511		
182	97.7	76.6	114.8	
145	30.2	24.3	36.5	





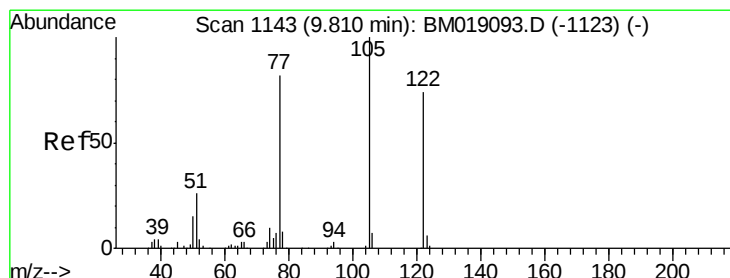
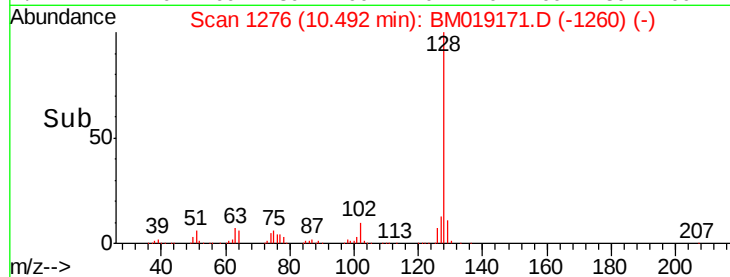
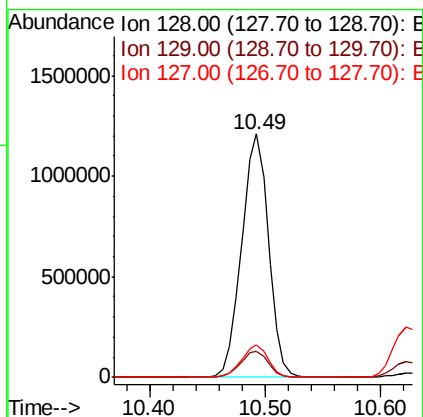
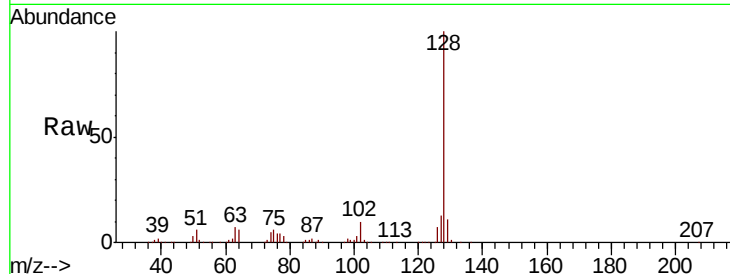
#31
Naphthalene
Concen: 41.281 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.4	15.6

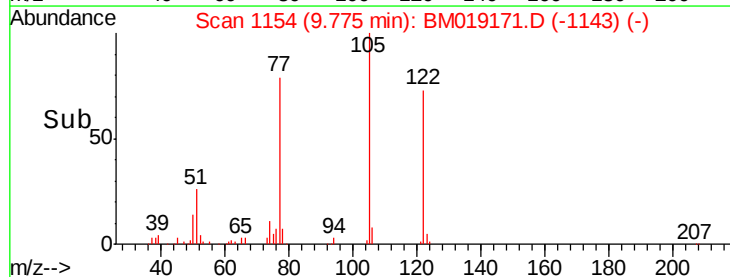
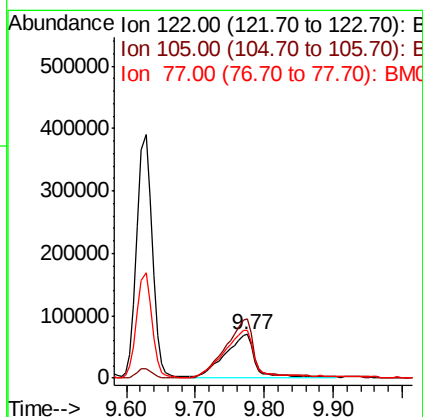
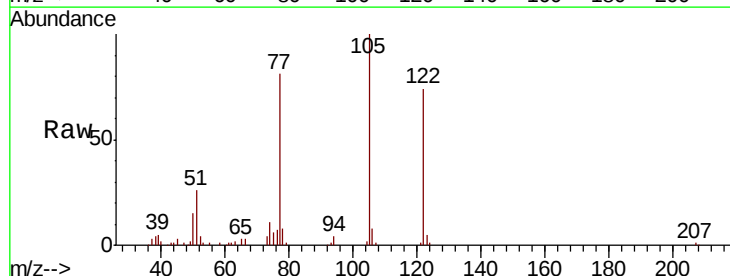
Manual Integrations
APPROVED

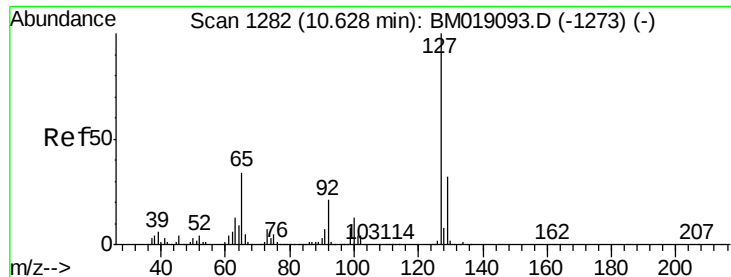
Sohil
3/15/2019 5:51:09 PM



#32
Benzoic acid
Concen: 21.204 ng m
RT: 9.77 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.0	113.0	153.0
77	110.0	90.1	130.1





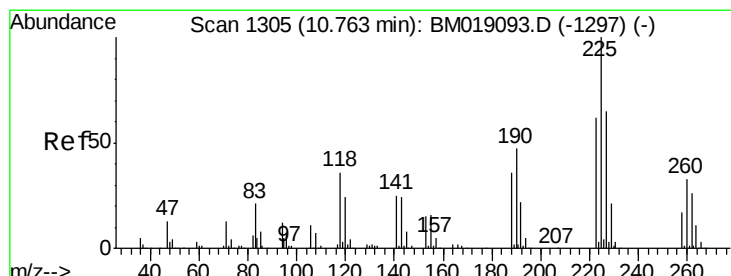
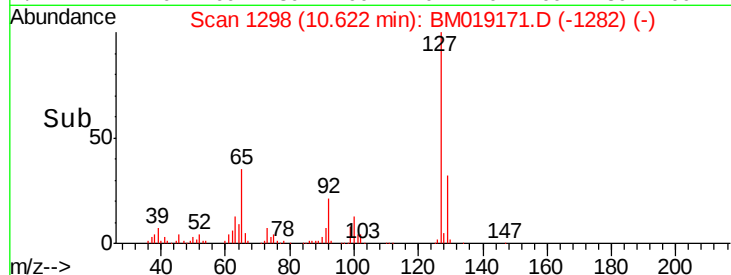
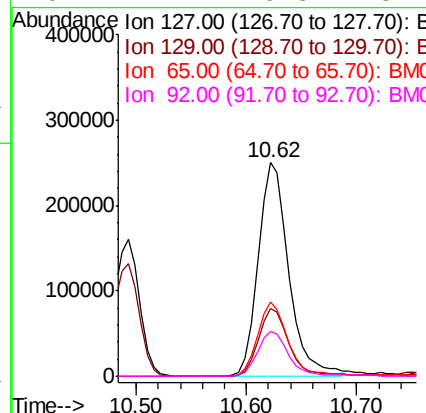
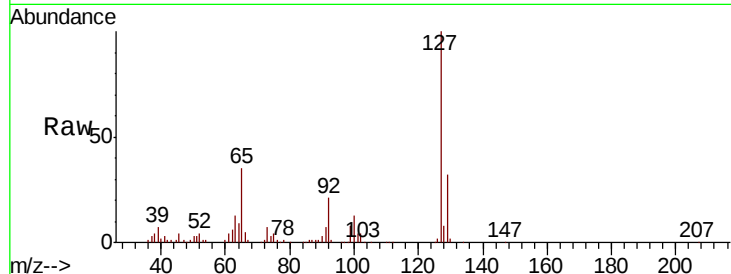
#33
4-Chloroaniline
Concen: 24.988 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	35.0	27.4	41.2
92	21.1	16.8	25.2

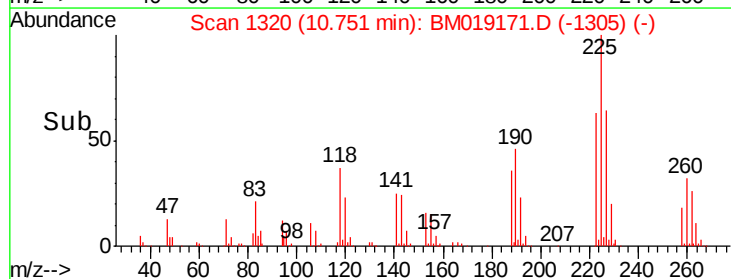
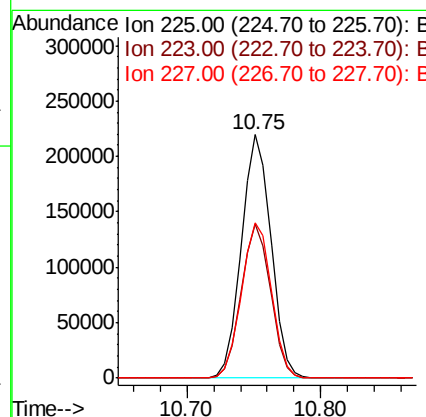
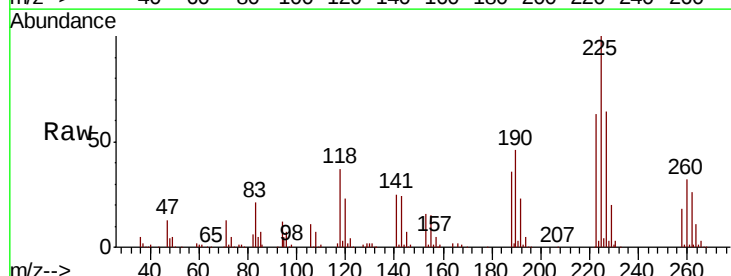
Manual Integrations
APPROVED

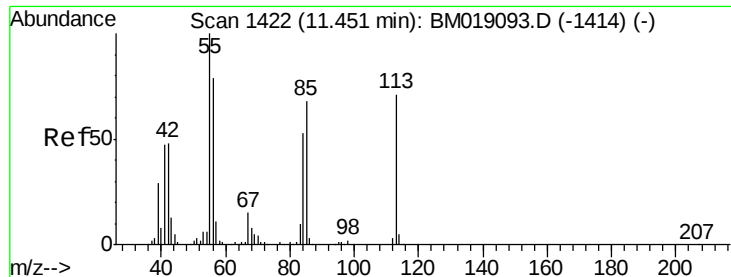
Sohil
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#34
Hexachlorobutadiene
Concen: 38.336 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	63.9	51.6	77.4





#35

Caprolactam

Concen: 44.542 ng/mL

RT: 11.45 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion: 113 Resp: 214695

Ion Ratio Lower Upper

113 100

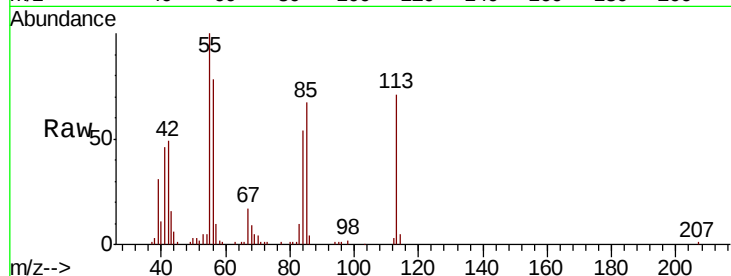
55 140.5 120.1 160.1

56 109.7 90.1 130.1

Manual Integrations
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Sohil

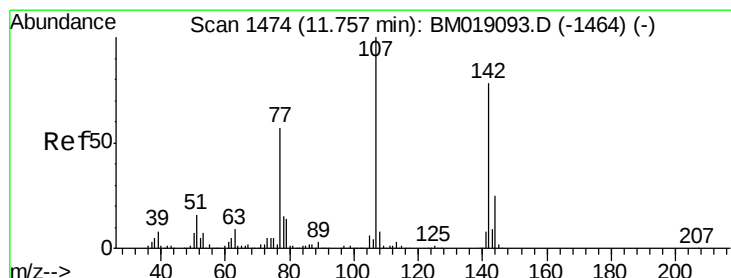
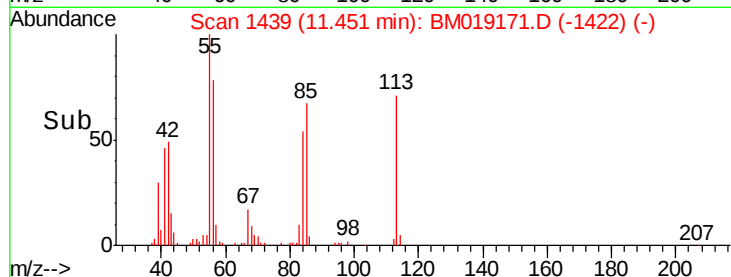
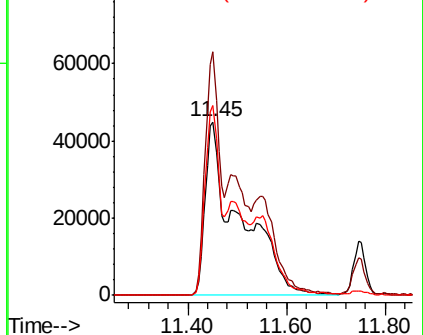
3/15/2019 5:51:09 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.257 ng/mL

RT: 11.75 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

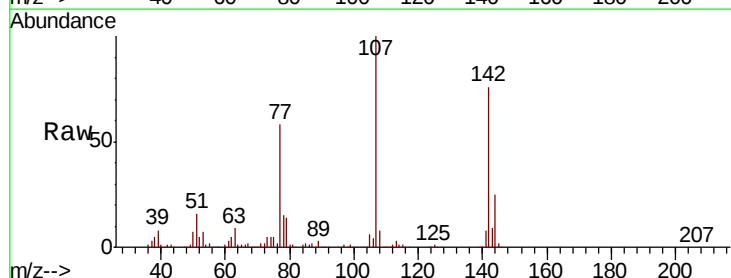
Tgt Ion: 107 Resp: 805672

Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.4

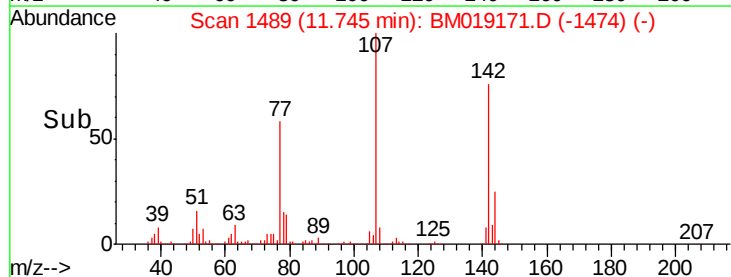
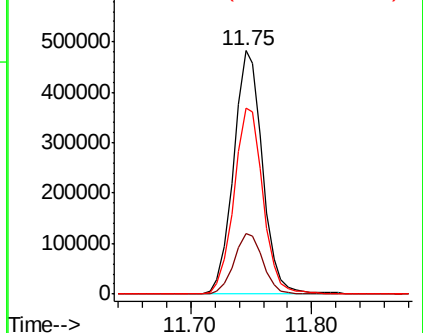
142 76.3 62.4 93.6

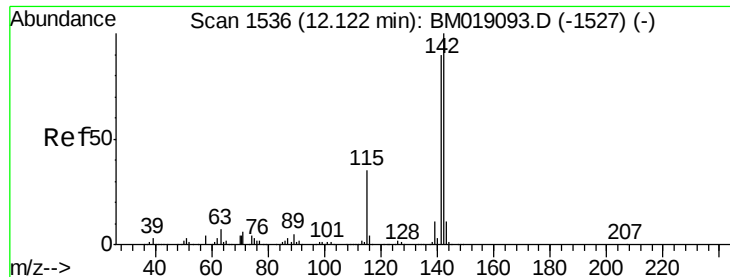


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





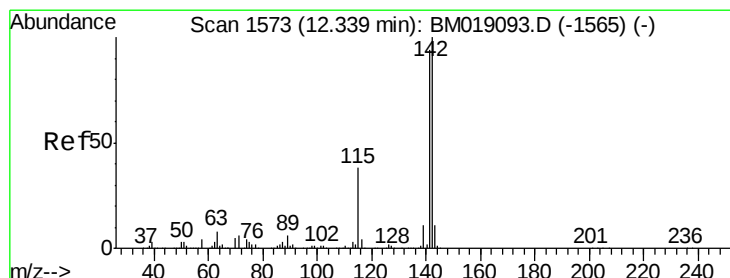
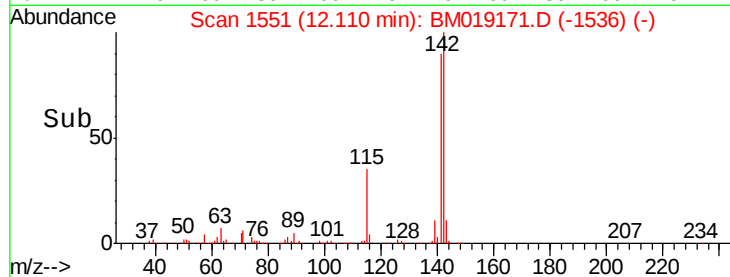
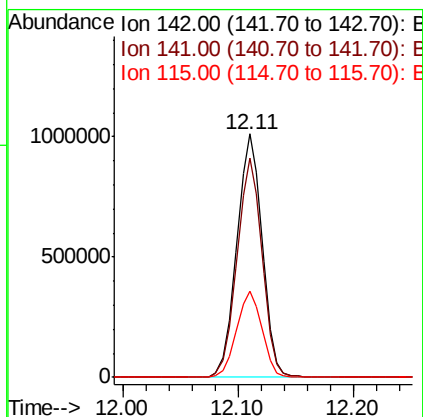
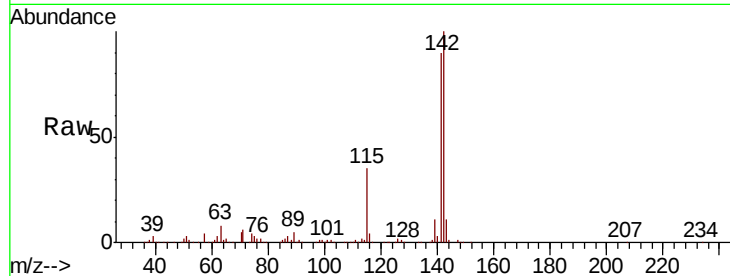
#37
2-Methylnaphthalene
Concen: 44.518 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	35.4	27.8	41.8

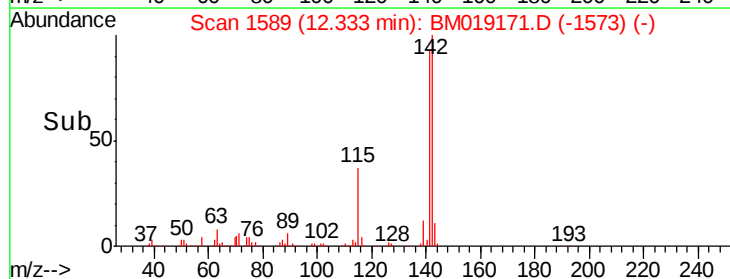
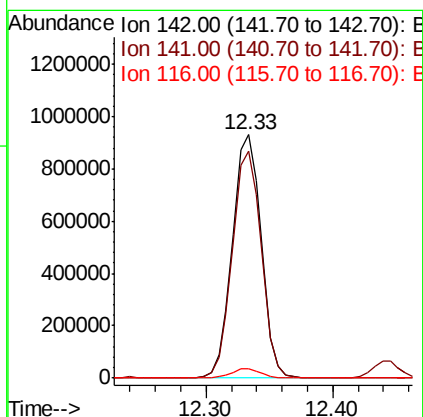
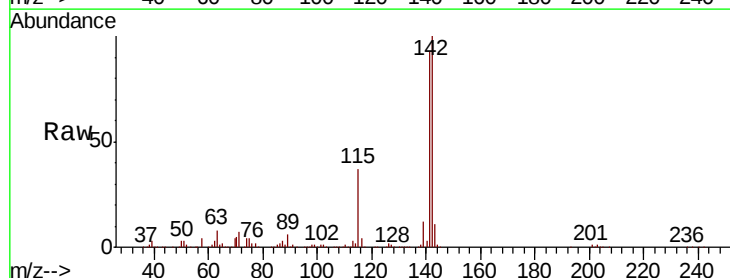
Manual Integrations
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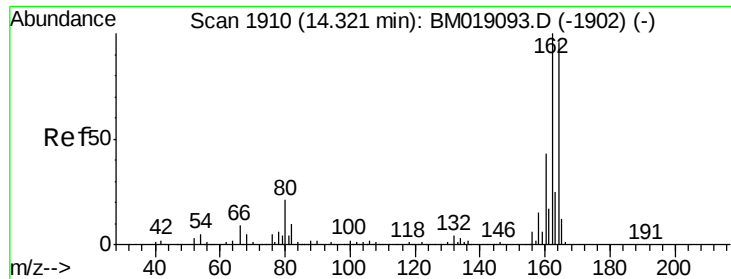
Sohil
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#38
1-Methylnaphthalene
Concen: 42.720 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.9	112.3
116	3.9	3.2	4.8





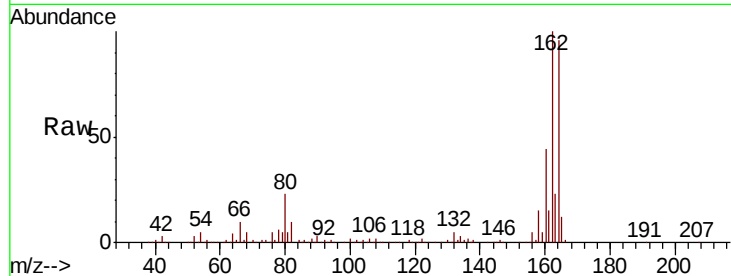
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	46.0	36.3	54.5

Manual Integrations
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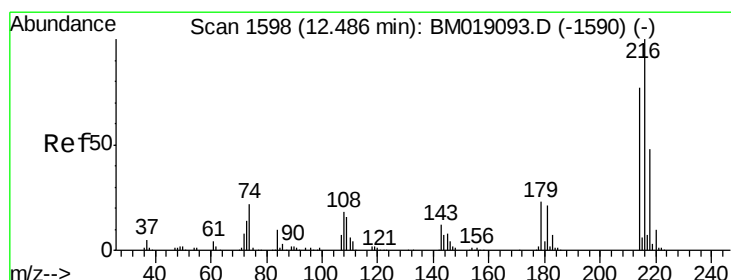
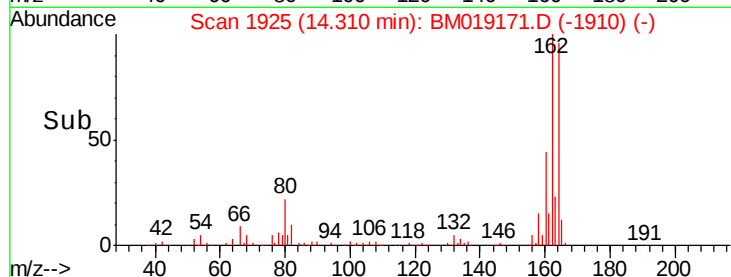
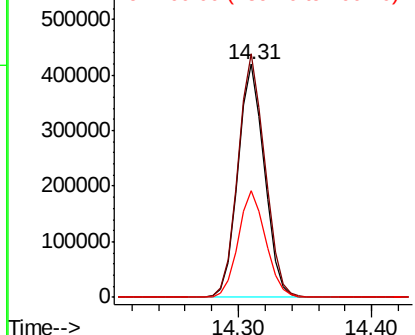


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.213 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.3	18.0	27.0
108	19.0	16.2	24.4

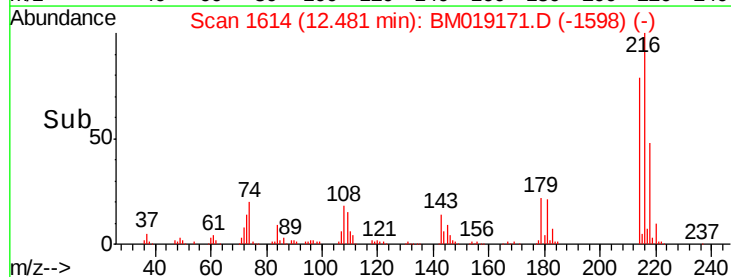
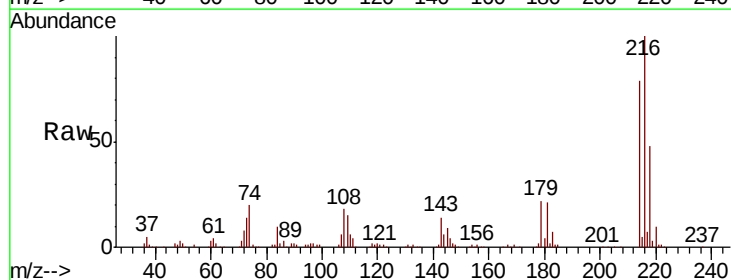
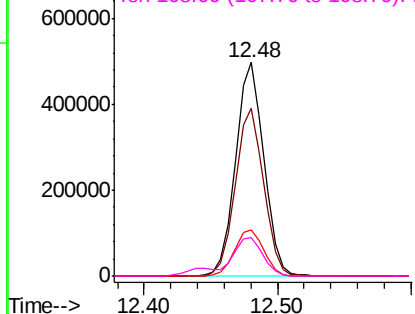
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





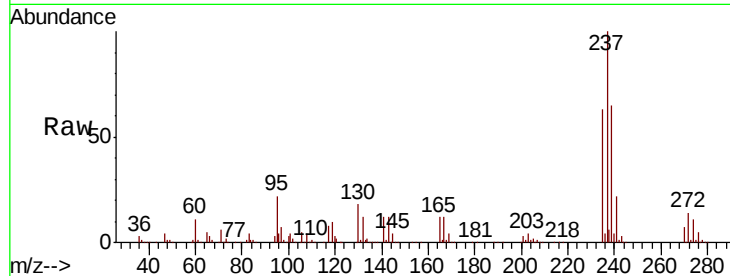
#41
Hexachlorocyclopentadiene
Concen: 97.443 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

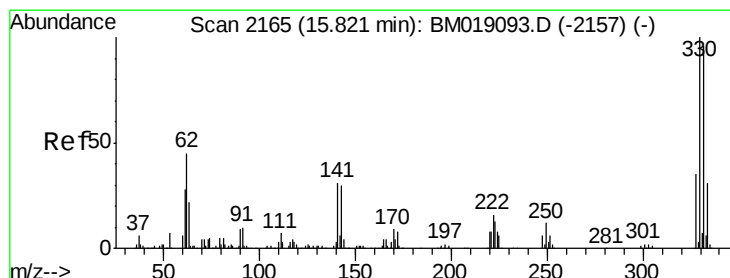
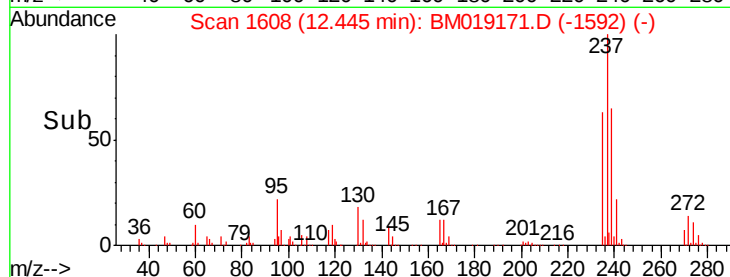
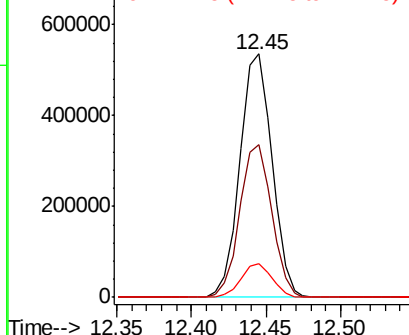
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.3	81.3
272	13.6	0.0	33.1

Manual Integrations
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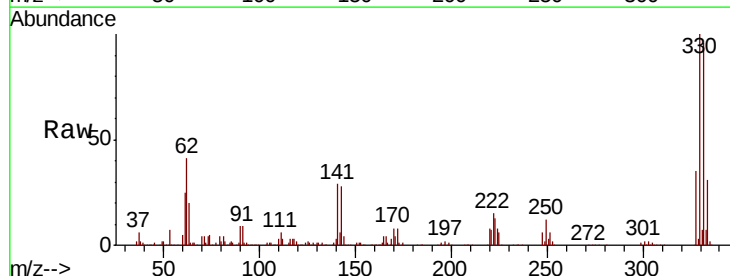


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

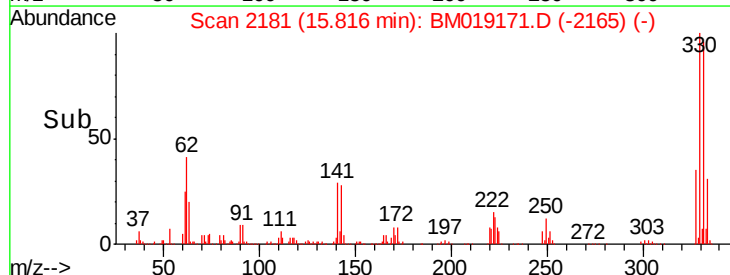
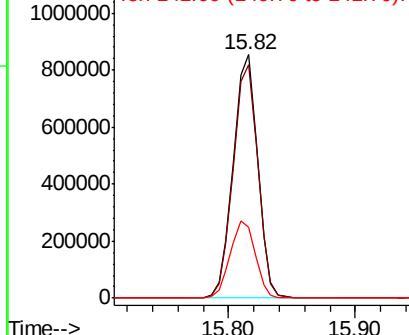


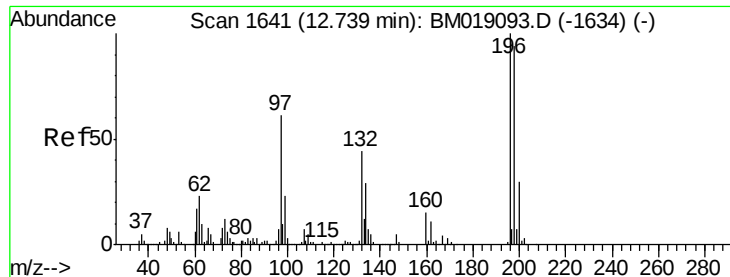
#42
2,4,6-Tribromophenol
Concen: 134.330 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	32.7	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





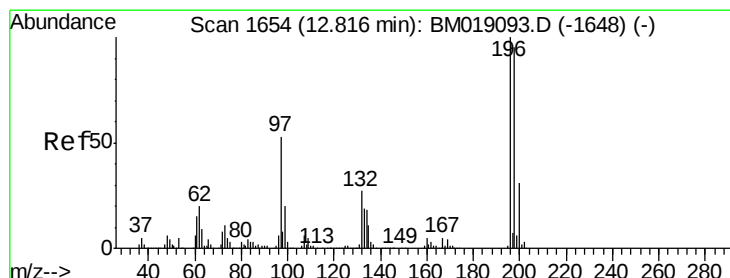
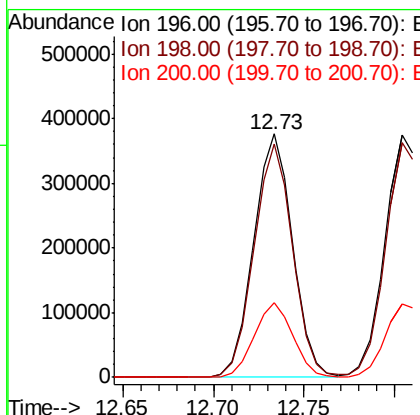
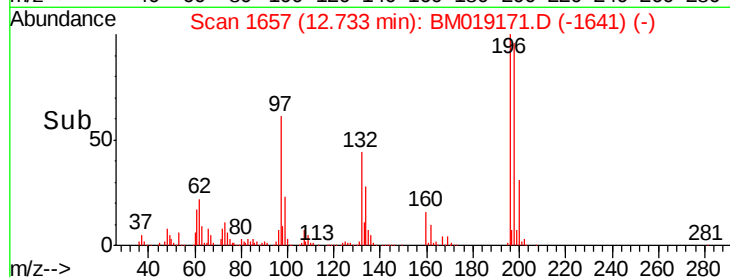
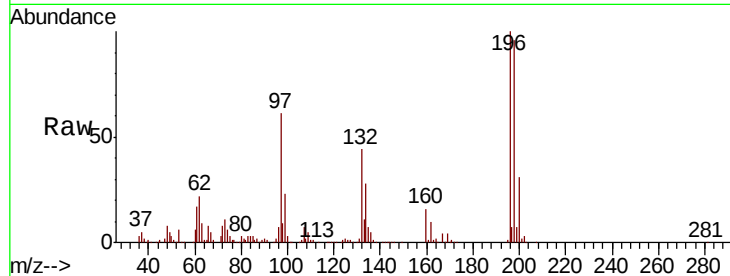
#43
 2,4,6-Trichlorophenol
 Concen: 47.662 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	559426		
198	95.9	75.4	113.0	
200	30.5	24.2	36.2	

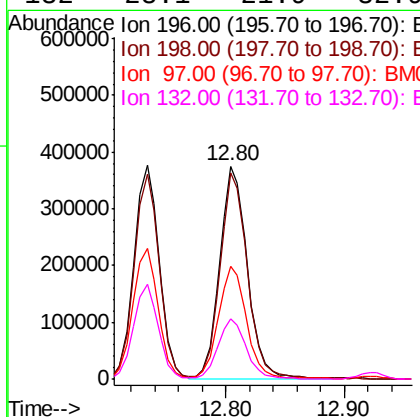
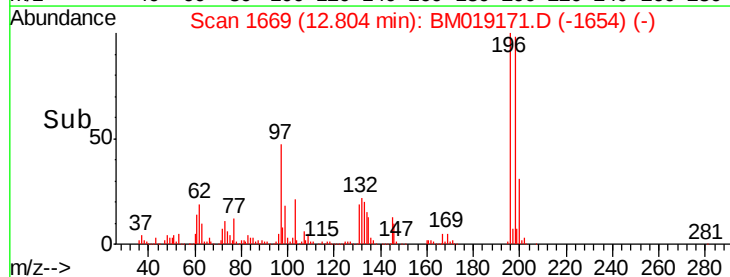
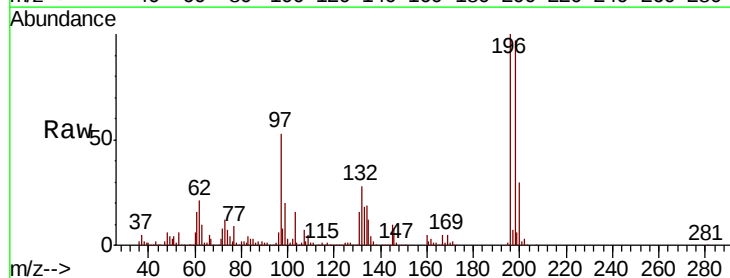
Manual Integrations
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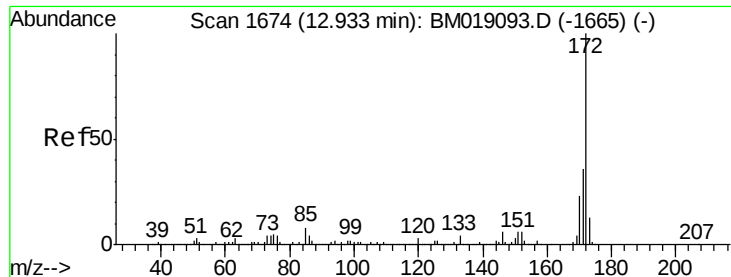
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 49.108 ng m
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	616367		
198	96.7	75.9	113.9	
97	53.1	42.5	63.7	
132	28.1	21.9	32.9	





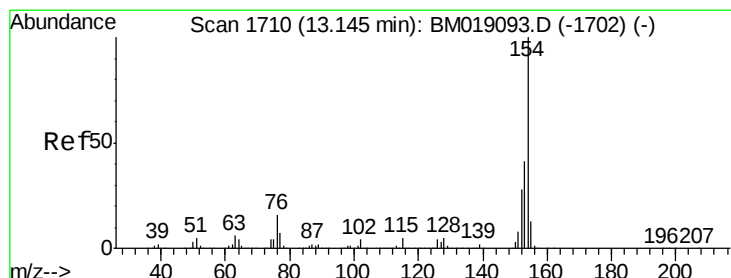
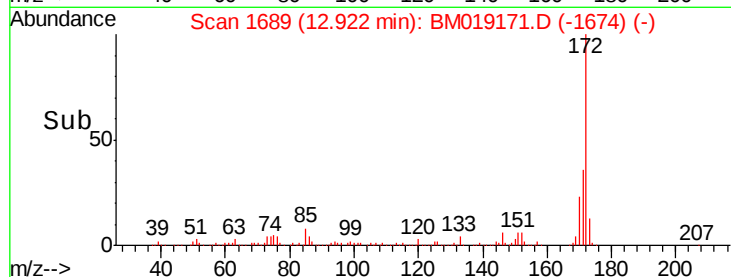
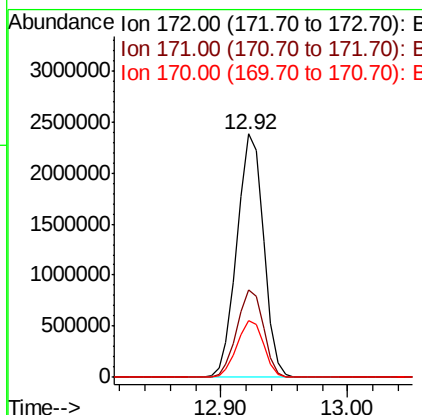
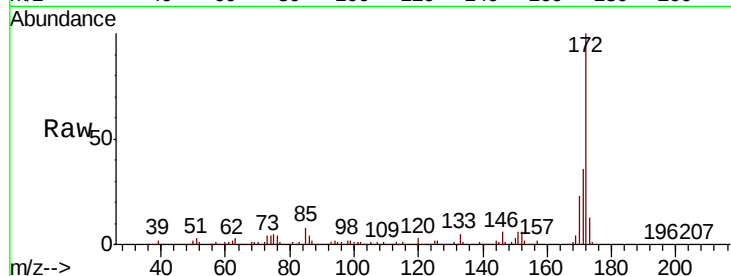
#45
2-Fluorobiphenyl
Concen: 78.378 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.4	18.6	28.0

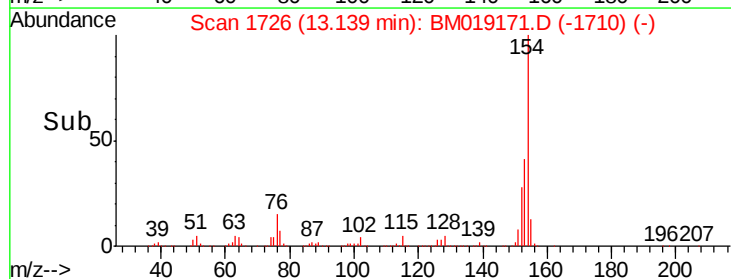
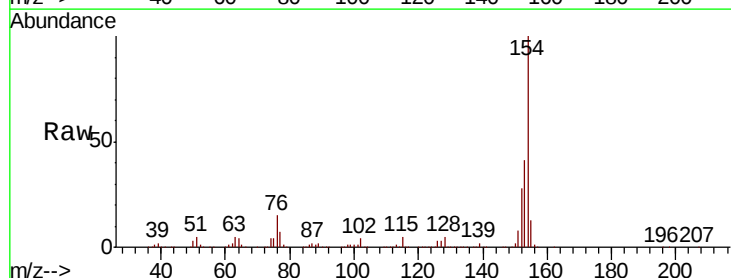
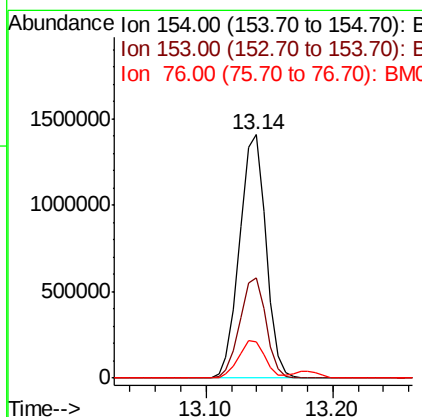
Manual Integrations
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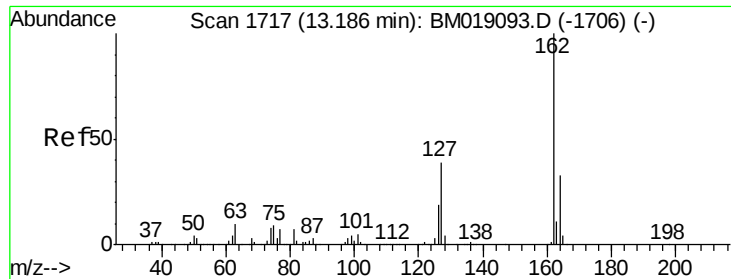
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#46
1,1'-Biphenyl
Concen: 40.449 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	15.0	0.0	35.8





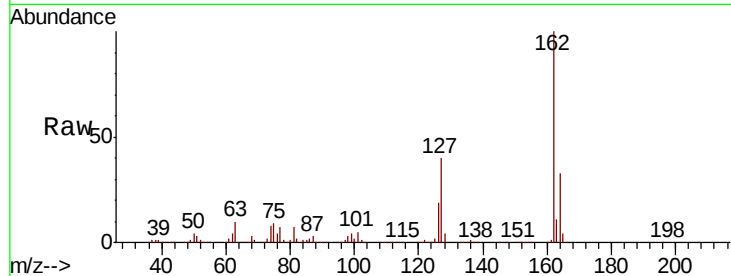
#47
2-Chloronaphthalene
Concen: 42.194 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

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

Manual Integrations
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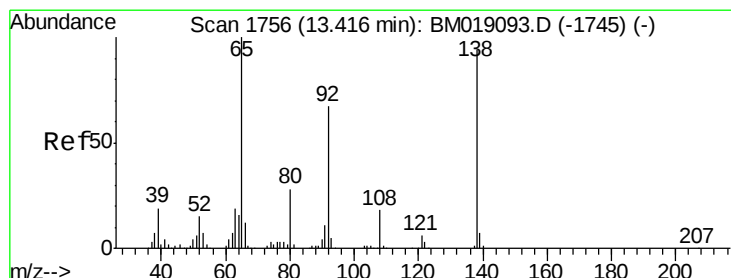
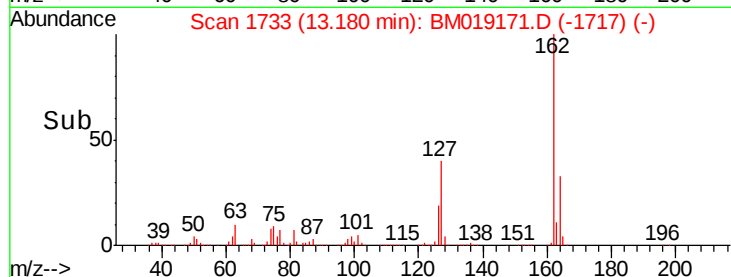
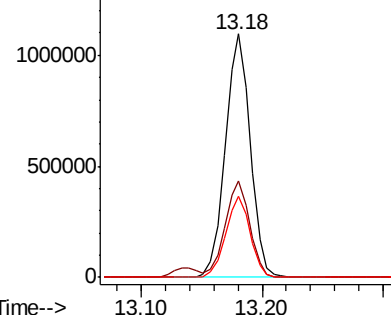


Abundance

Ion 162.00 (161.70 to 162.70): E

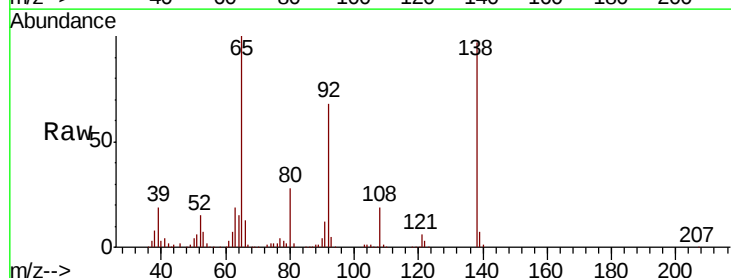
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.519 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.4	80.2
138	97.1	74.9	112.3

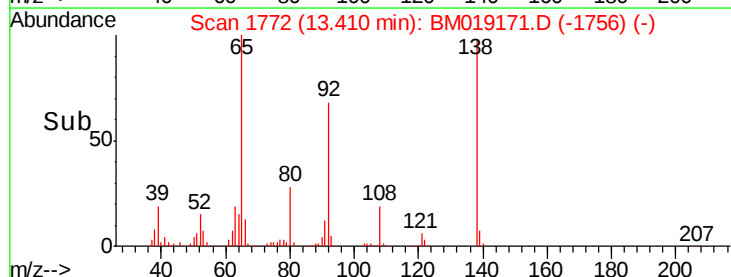
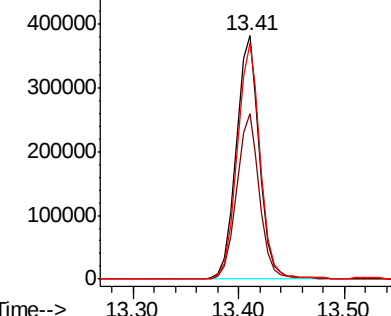


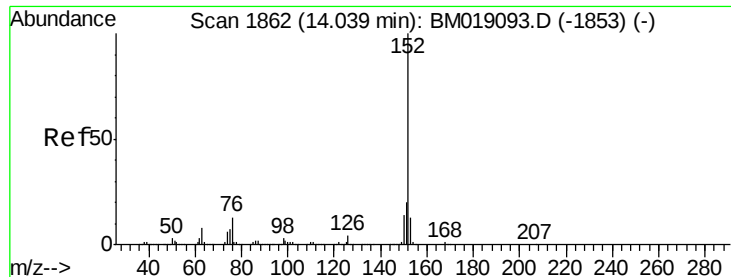
Abundance

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: 41.822 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:152 Resp: 2646752

Ion Ratio Lower Upper

152 100

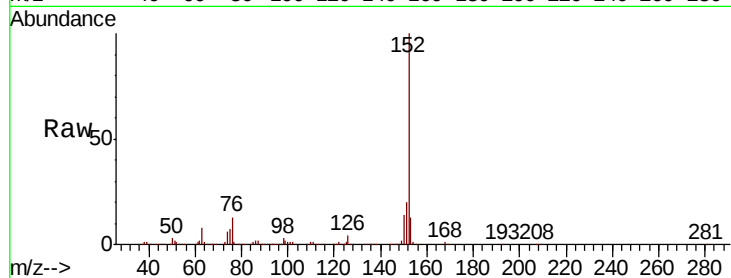
151 20.1 16.2 24.2

153 13.0 10.6 15.8

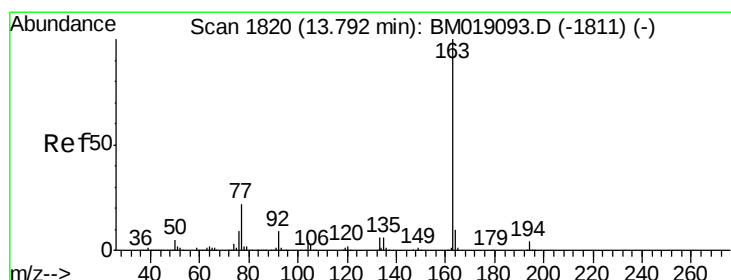
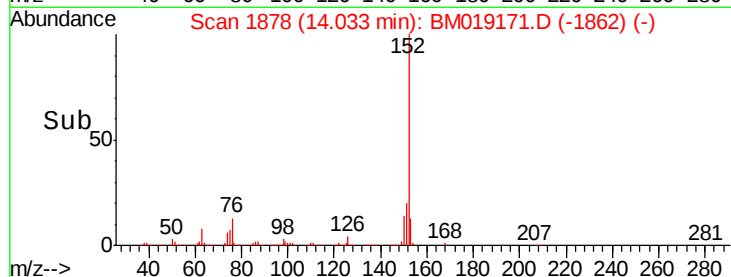
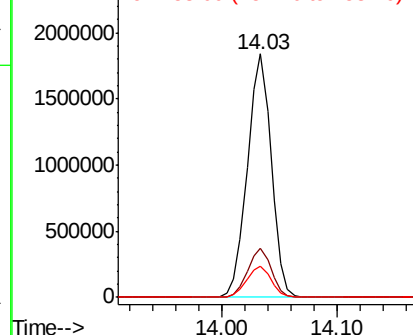
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.999 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

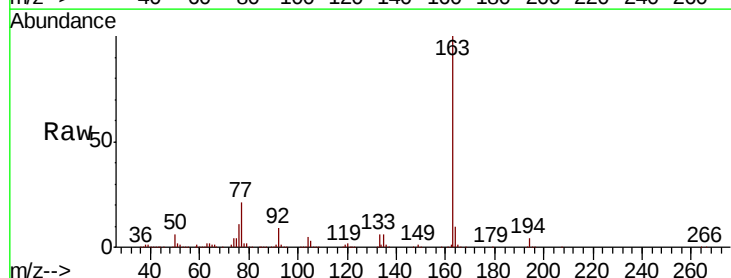
Tgt Ion:163 Resp: 2455832

Ion Ratio Lower Upper

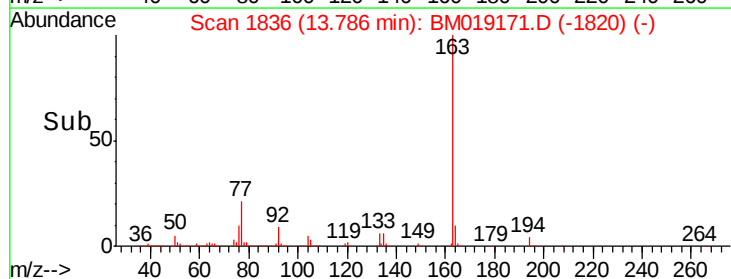
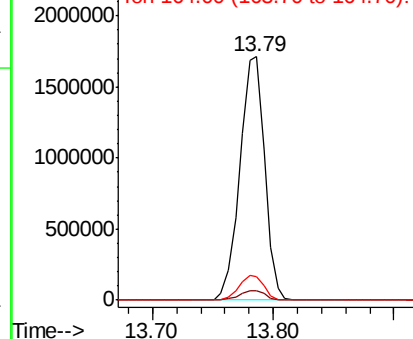
163 100

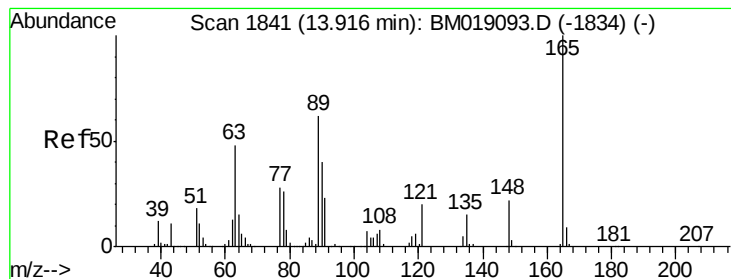
194 4.1 3.3 4.9

164 9.7 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: 45.153 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:165 Resp: 479425

Ion Ratio Lower Upper

165 100

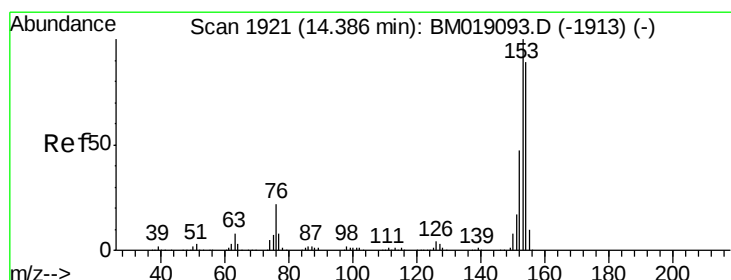
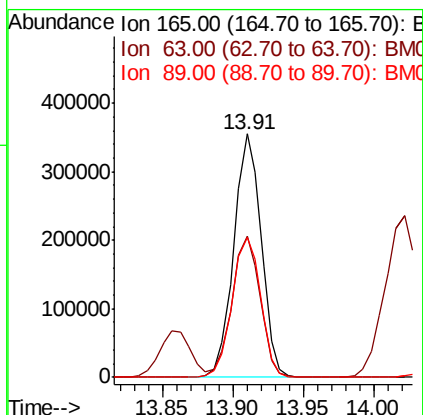
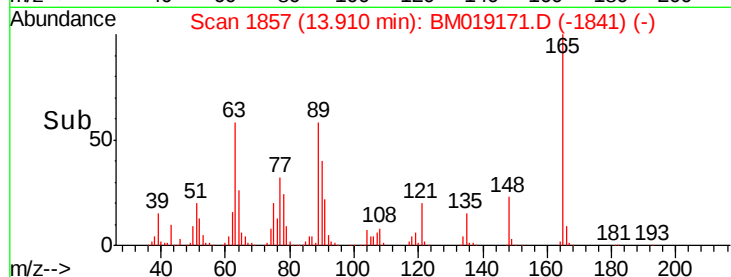
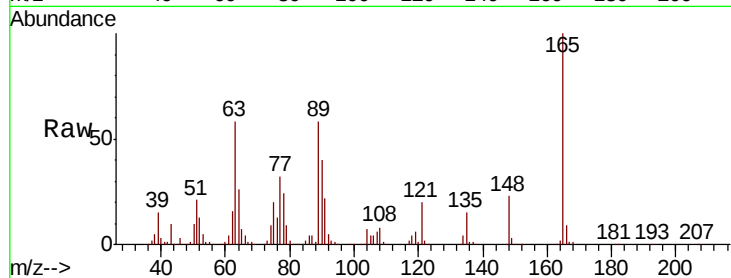
63 57.9 48.2 72.4

89 57.7 49.3 73.9

Manual Integrations
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#52

Acenaphthene

Concen: 41.737 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

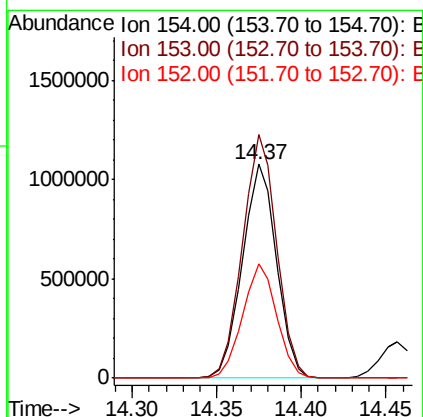
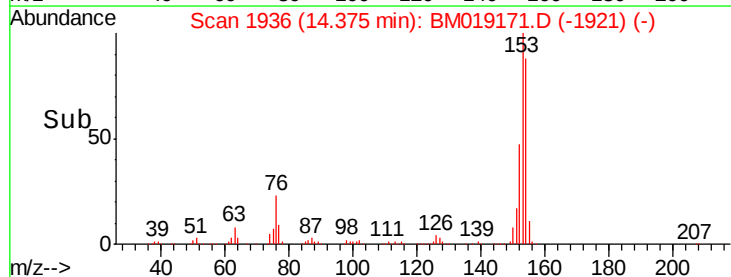
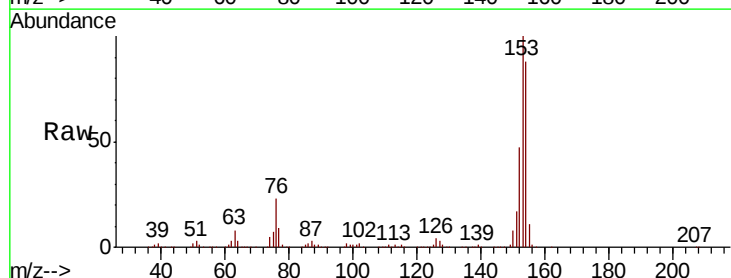
Tgt Ion:154 Resp: 1517763

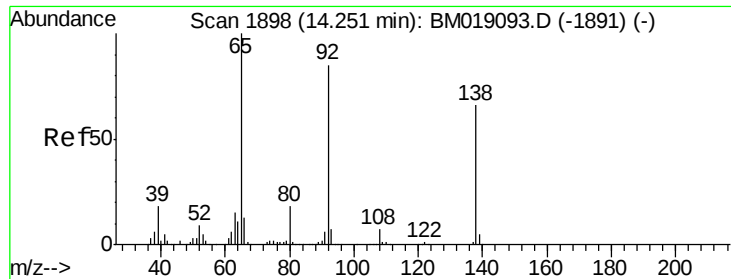
Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

152 53.5 42.5 63.7





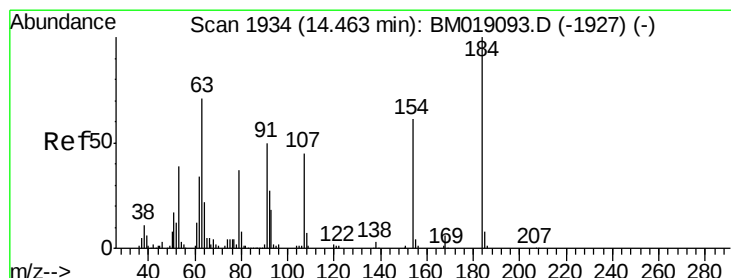
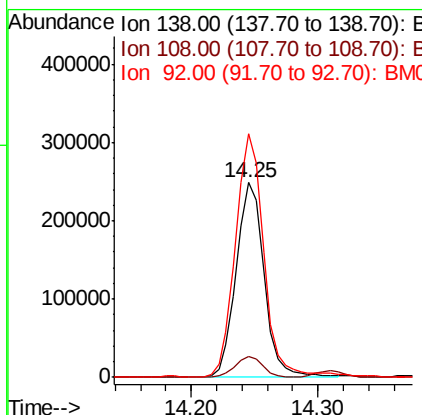
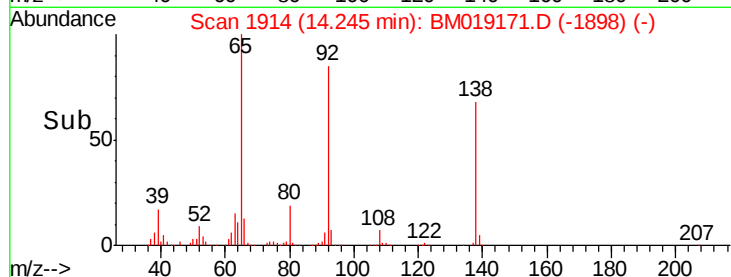
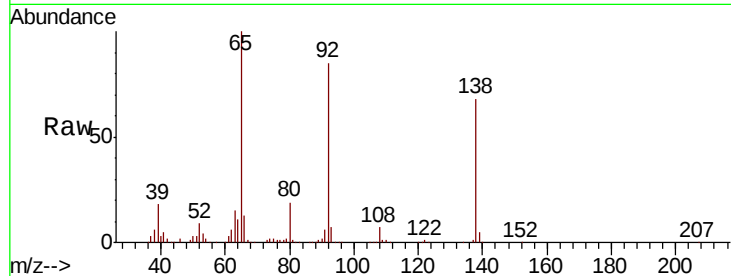
#53
3-Nitroaniline
Concen: 34.017 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	125.1	102.6	153.8

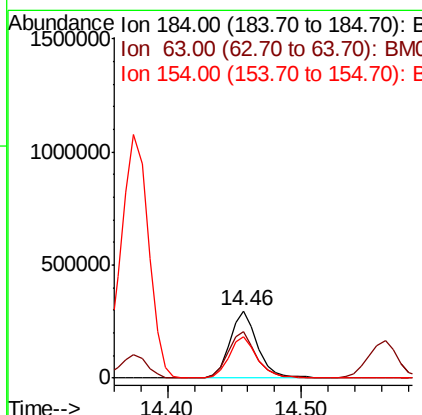
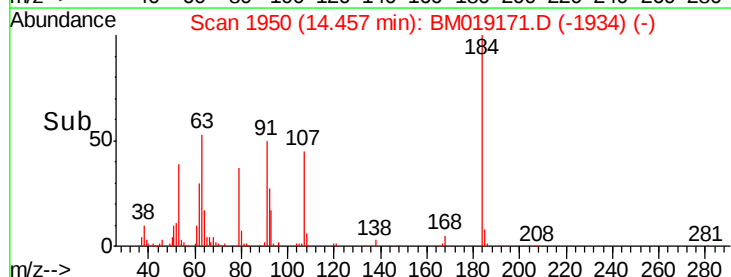
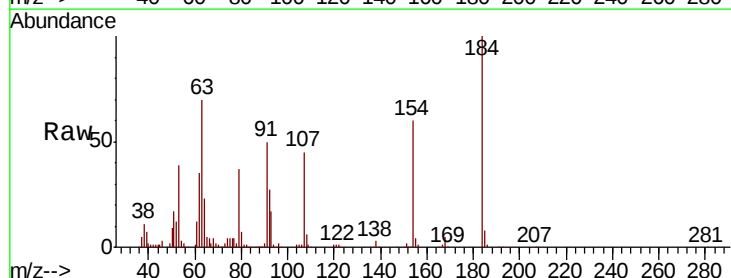
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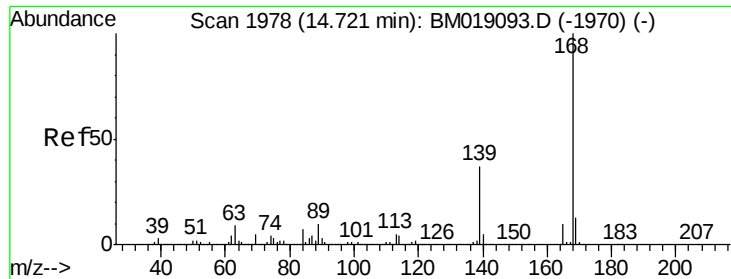
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#54
2,4-Dinitrophenol
Concen: 70.504 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	56.7	85.1
154	60.5	49.3	73.9





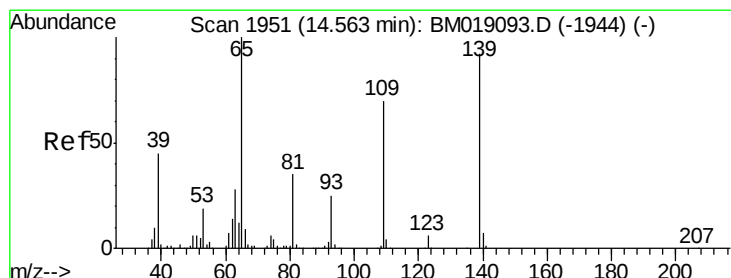
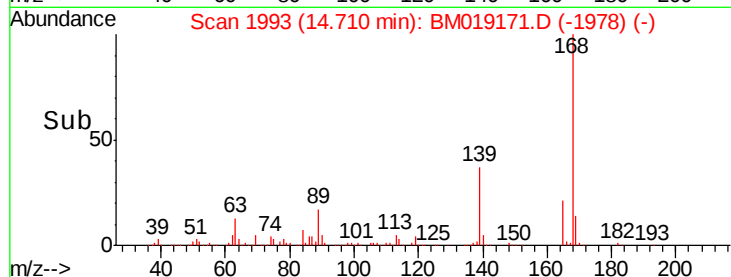
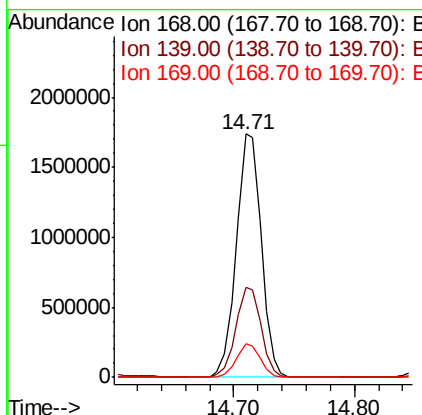
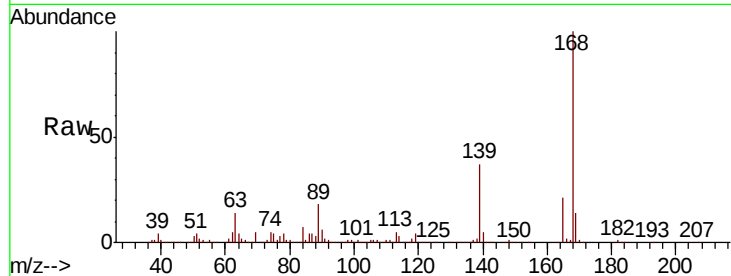
#55
Dibenzenofuran
Concen: 42.800 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

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

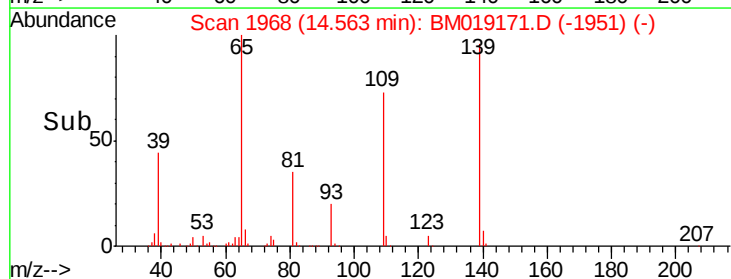
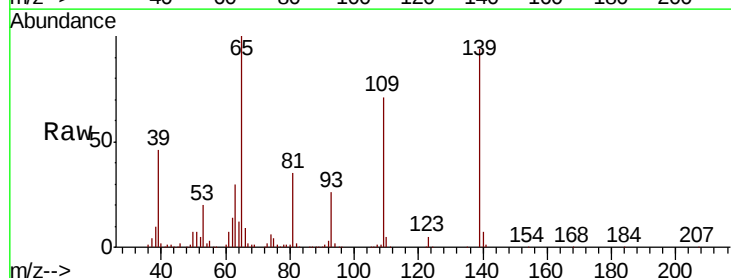
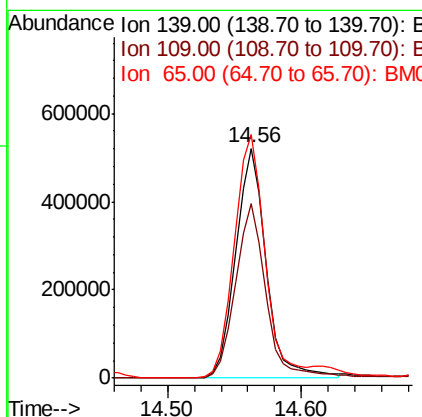
Manual Integrations
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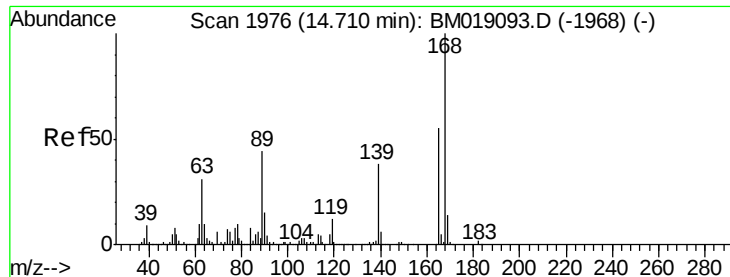
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#56
4-Nitrophenol
Concen: 89.938 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	56.3	96.3
65	105.9	89.2	129.2





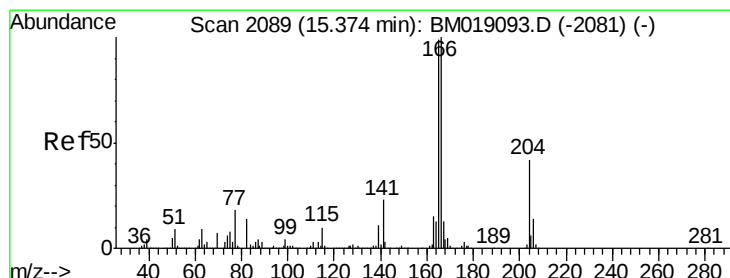
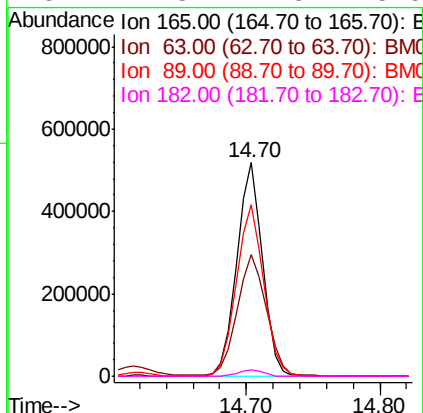
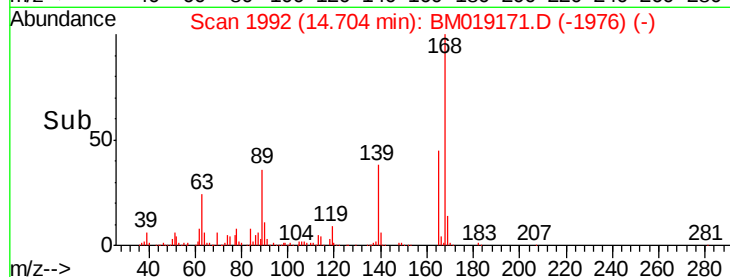
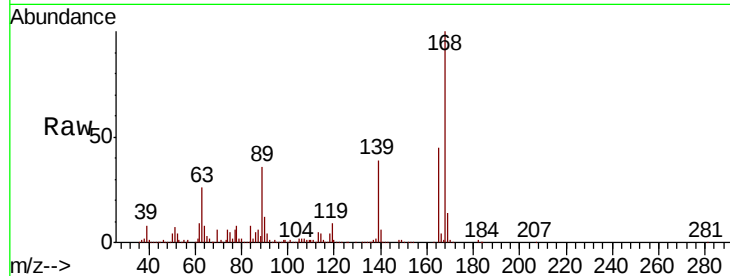
#57
2,4-Dinitrotoluene
Concen: 44.778 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	44.7	67.1
89	80.2	63.4	95.2
182	2.8	2.3	3.5

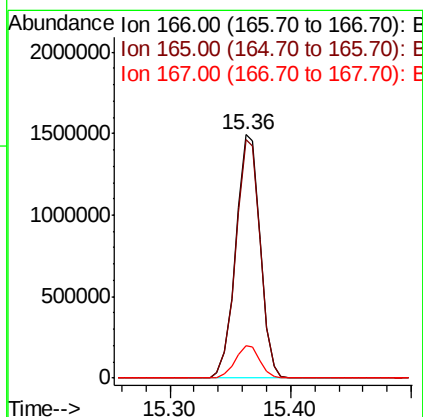
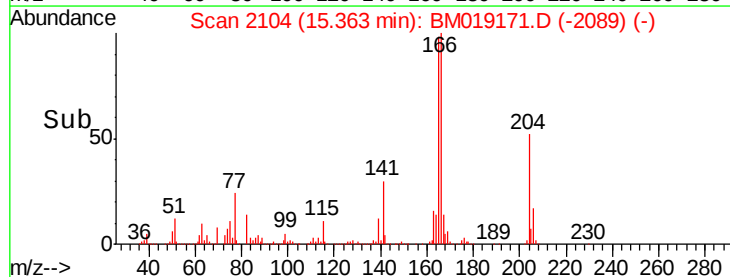
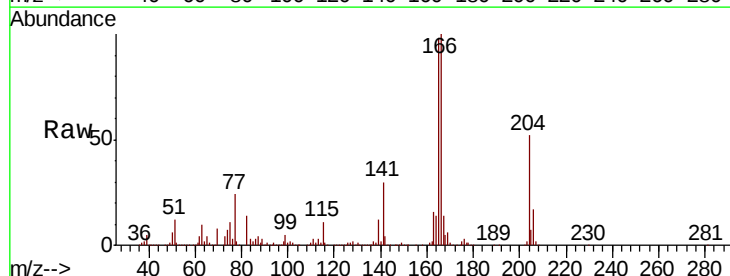
Manual Integrations
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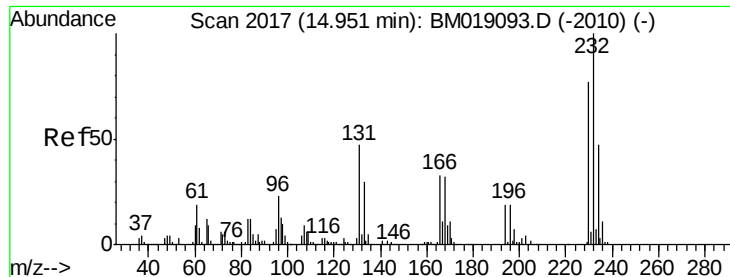
Sohil
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#58
Fluorene
Concen: 43.422 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.6	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.926 ng

RT: 14.95 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

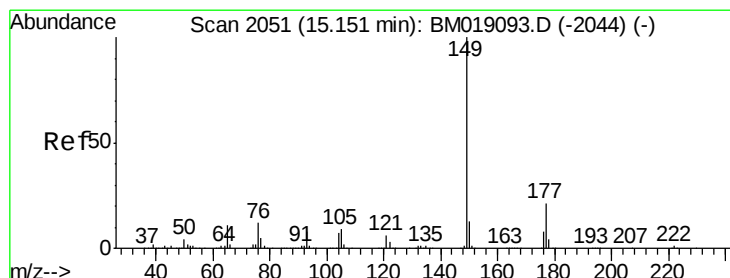
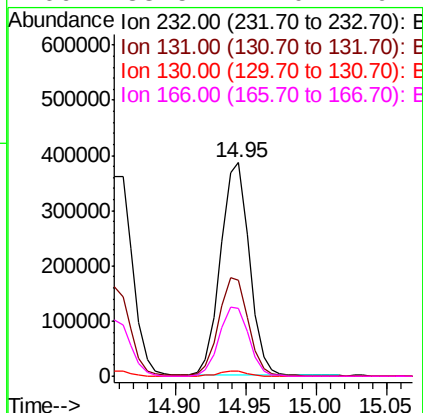
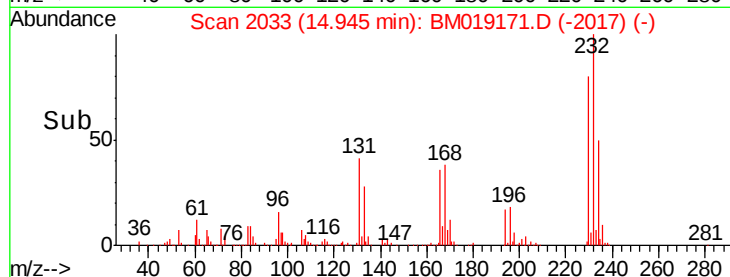
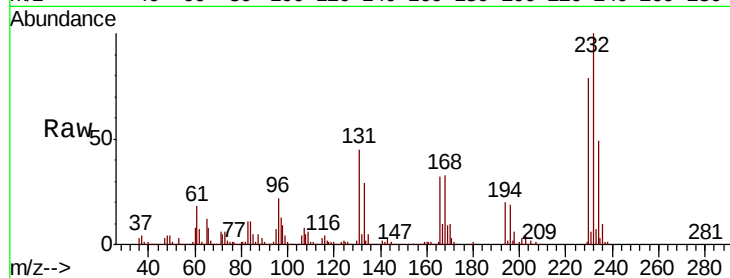
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	232	Resp:	548315
Ion Ratio	Lower	Upper	
232	100		
131	47.5	38.2	57.2
130	2.5	1.9	2.9
166	33.5	27.0	40.4

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#60

Diethylphthalate

Concen: 44.808 ng

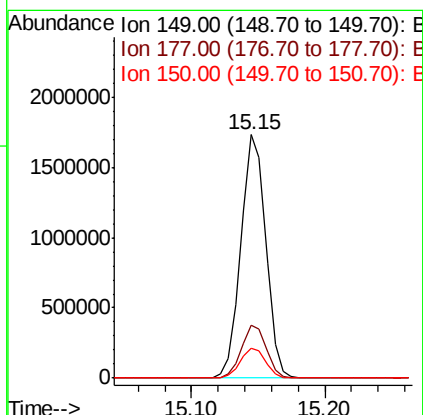
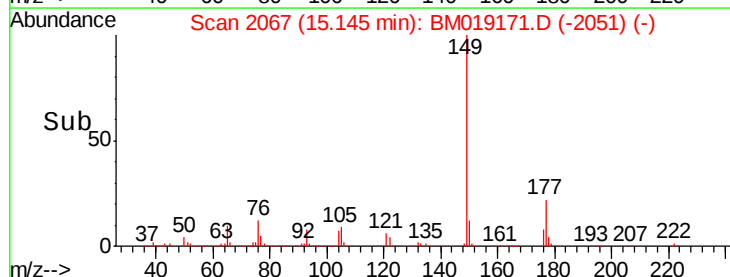
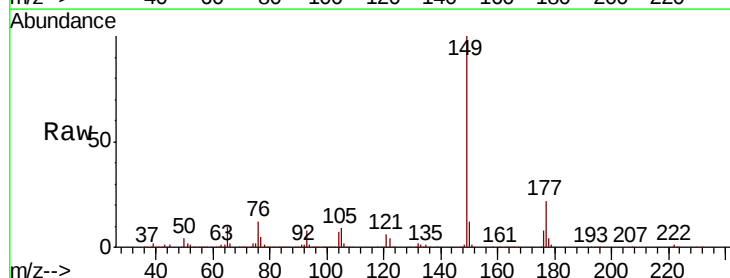
RT: 15.15 min Scan# 2067

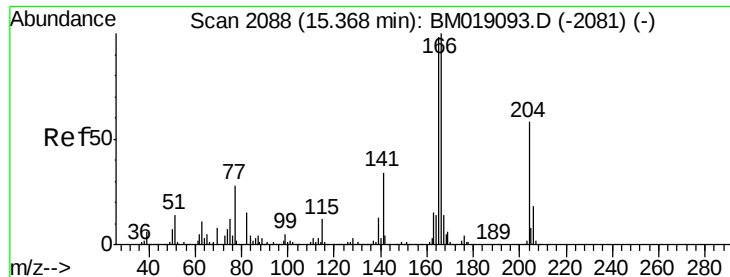
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	149	Resp:	2229014
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.0	25.6
150	12.4	10.2	15.4





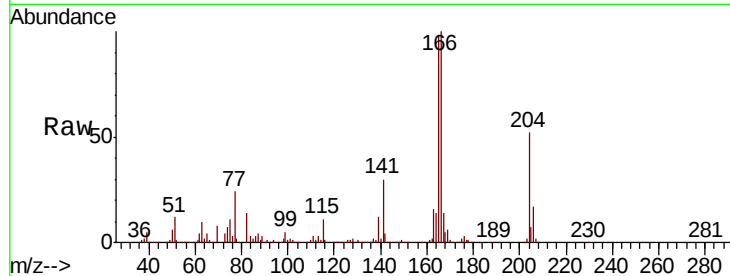
#61
4-Chlorophenyl-phenylether
Concen: 43.785 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

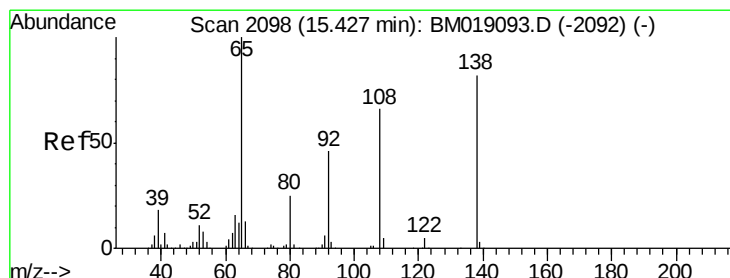
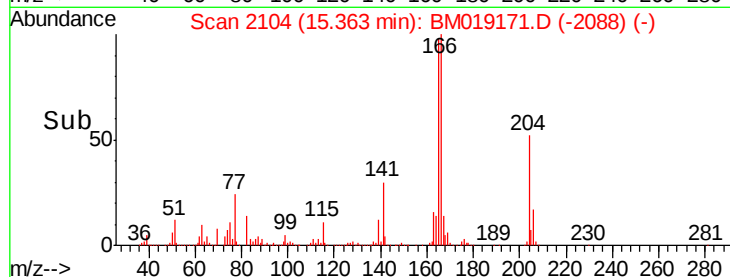
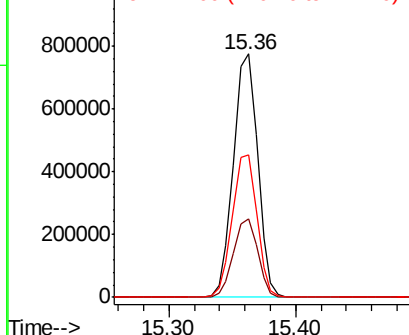
Tot Ion:204 Resp: 1027980
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 58.7 47.8 71.8

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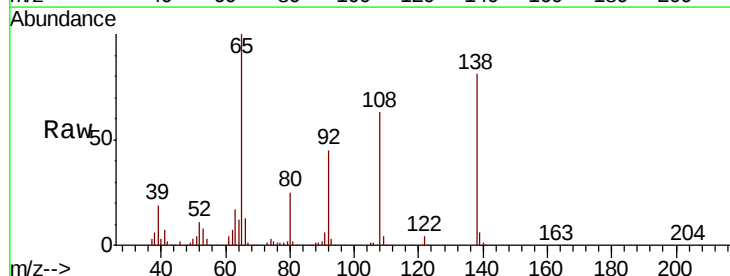


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

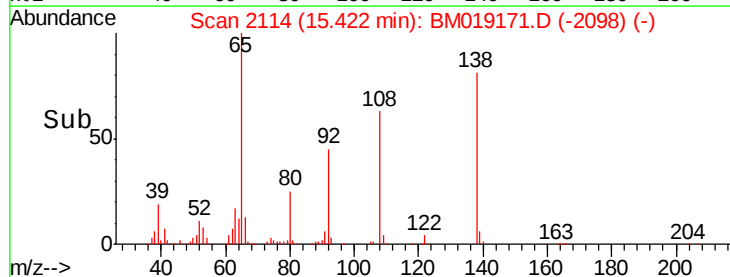
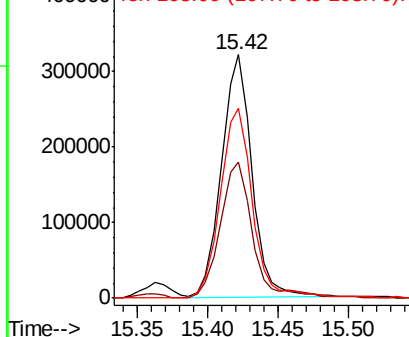


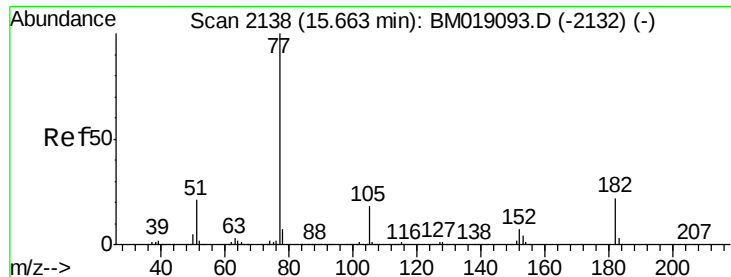
#62
4-Nitroaniline
Concen: 42.671 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:138 Resp: 483592
Ion Ratio Lower Upper
138 100
92 55.8 36.2 76.2
108 78.1 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.472 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion: 77 Resp: 2327942

Ion Ratio Lower Upper

77 100

182 23.0 1.8 41.8

105 18.6 0.0 38.3

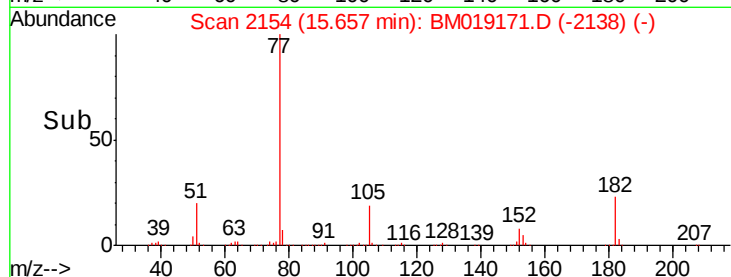
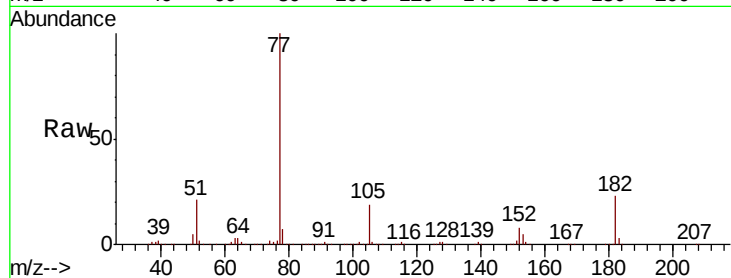
51 20.9 0.8 40.8

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Abundance Ion 77.00 (76.70 to 77.70): BM019171.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM019171.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019171.D (-2138) (-)

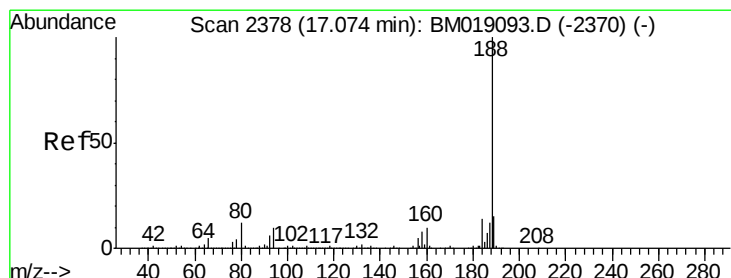
Ion 51.00 (50.70 to 51.70): BM019171.D (-2138) (-)

Time-->

15.60

15.66

15.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

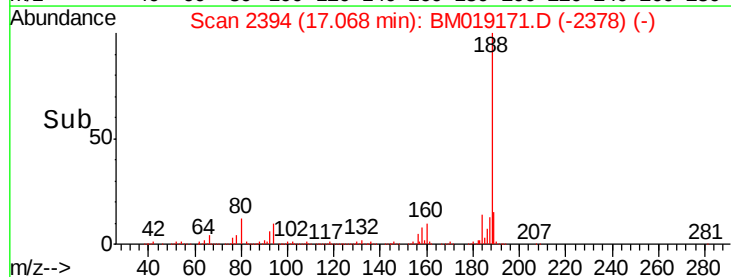
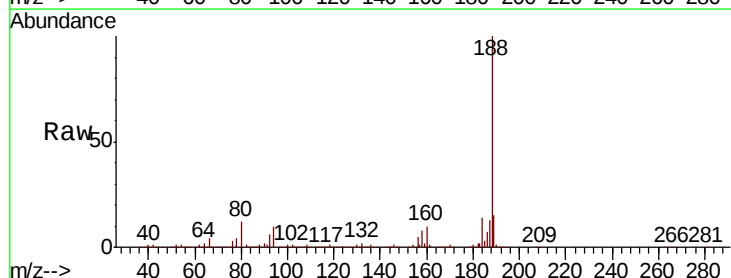
Tgt Ion: 188 Resp: 1336818

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

80 12.2 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019171.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019171.D (-2378) (-)

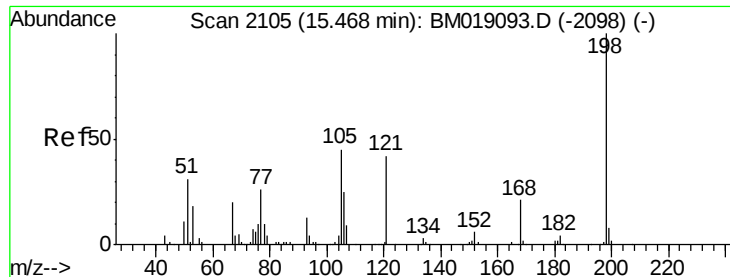
Ion 80.00 (79.70 to 80.70): BM019171.D (-2378) (-)

Time-->

17.00

17.07

17.10



#65

4,6-Dinitro-2-methylphenol

Concen: 39.336 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:198 Resp: 344589

Ion Ratio Lower Upper

198 100

51 37.3 17.3 57.3

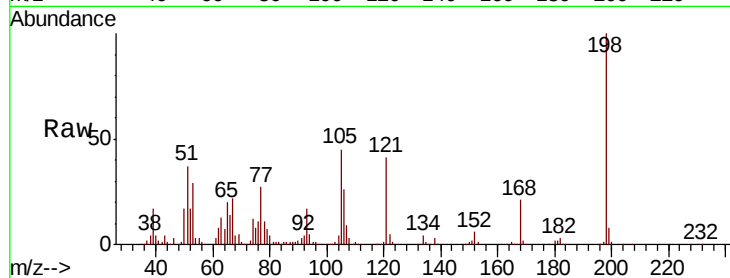
105 45.2 26.2 66.2

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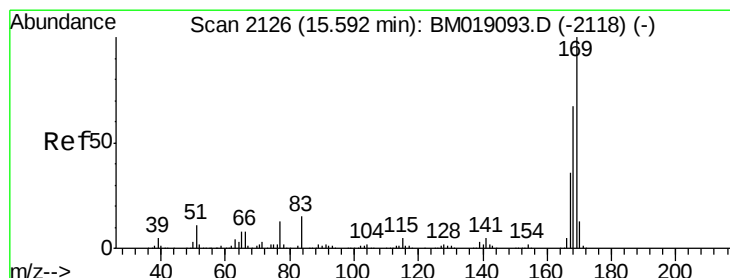
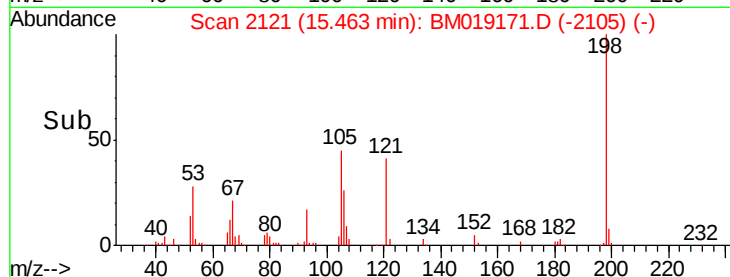
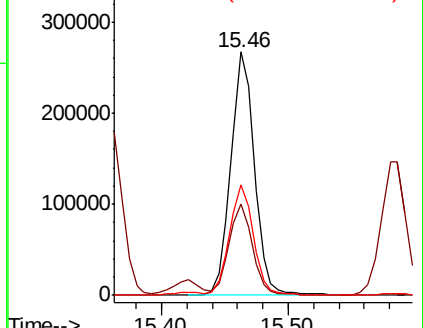
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.823 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

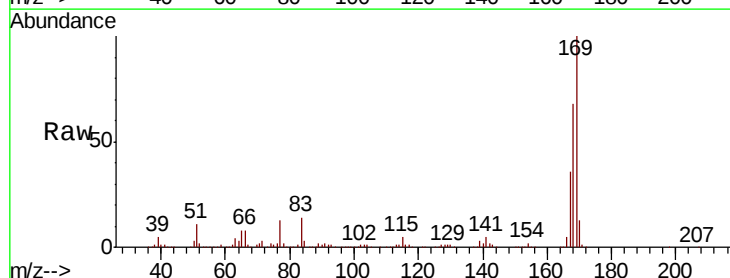
Tgt Ion:169 Resp: 1779989

Ion Ratio Lower Upper

169 100

168 67.9 53.9 80.9

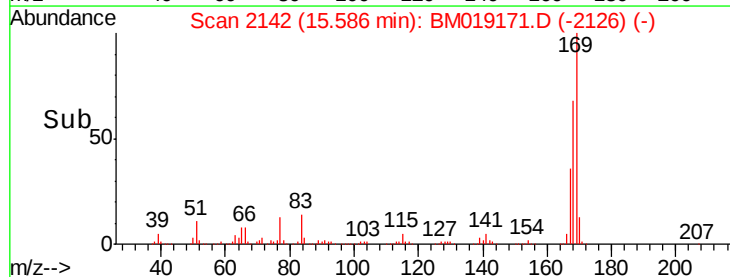
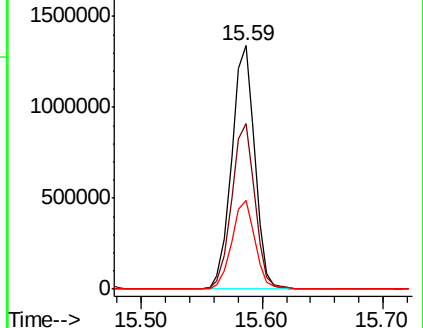
167 36.4 28.8 43.2

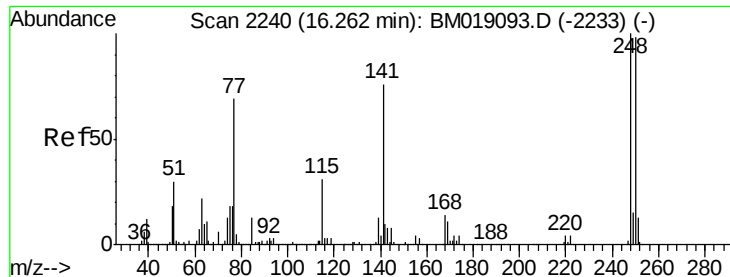


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





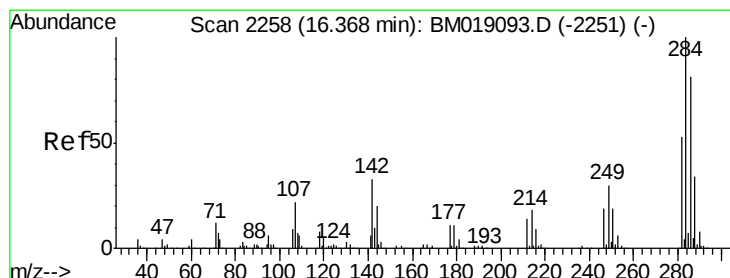
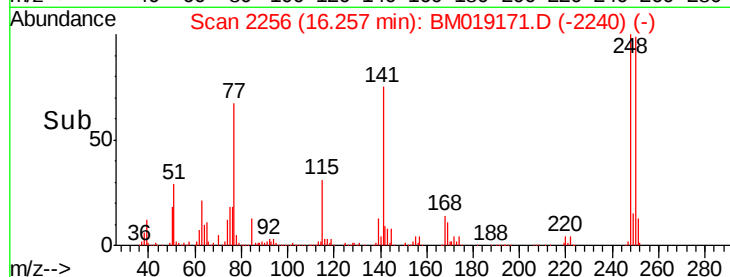
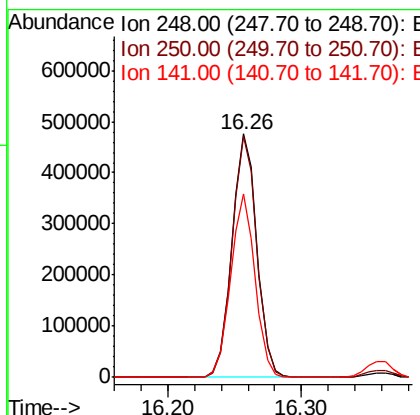
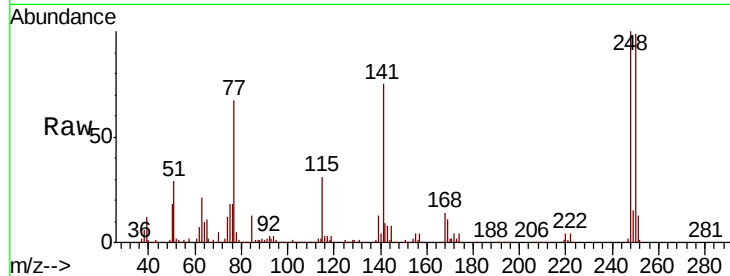
#67
4-Bromophenyl-phenylether
Concen: 42.126 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.0	117.0
141	75.2	61.0	91.4

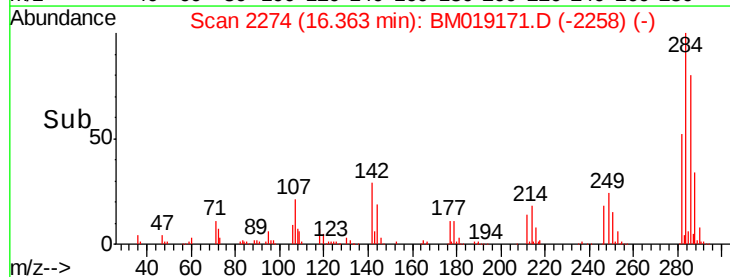
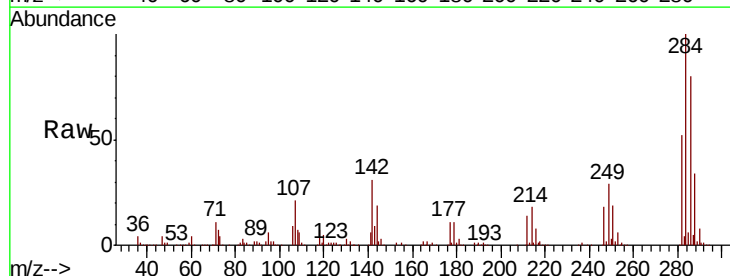
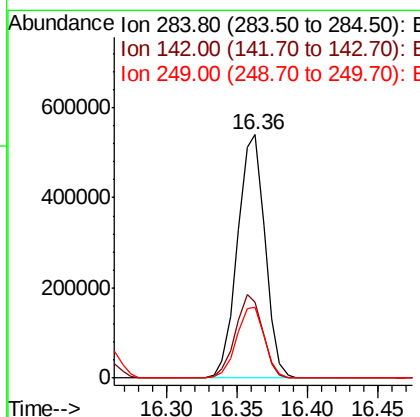
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#68
Hexachlorobenzene
Concen: 41.895 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.3	39.5
249	29.2	24.1	36.1





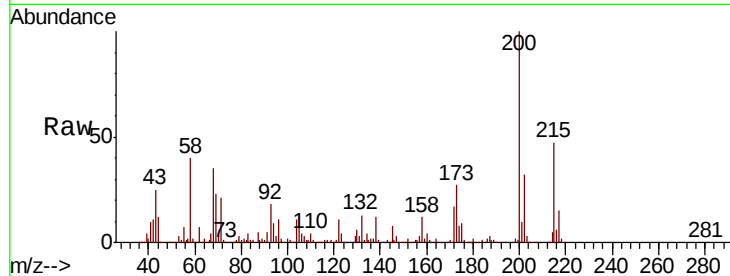
#69
Atrazine
Concen: 45.942 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	7.0	47.0
215	47.3	27.7	67.7

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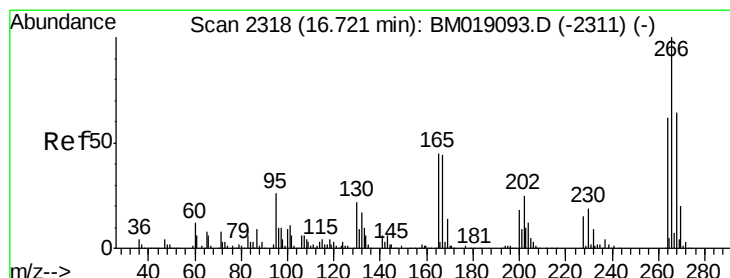
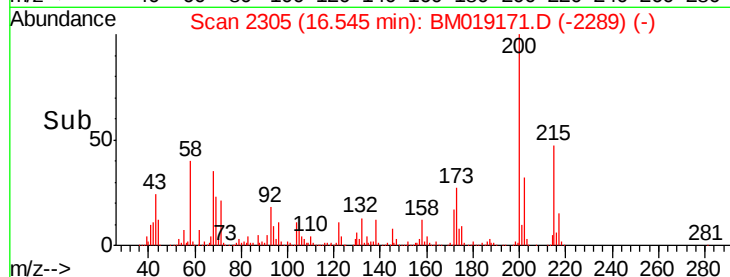
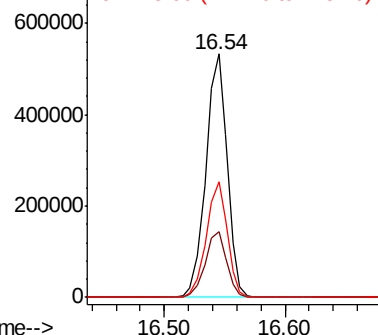


Abundance

Ion 200.00 (199.70 to 200.70): E

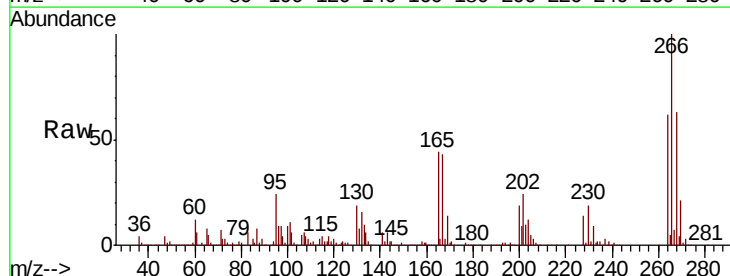
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.672 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	51.3	76.9
264	62.4	50.0	75.0

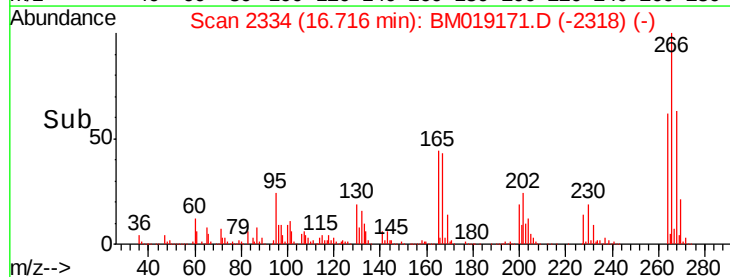
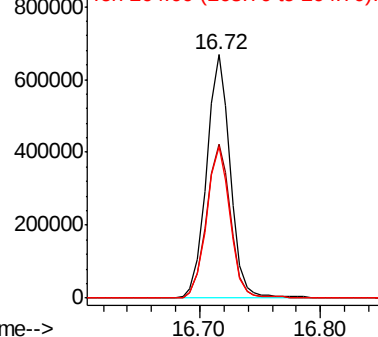


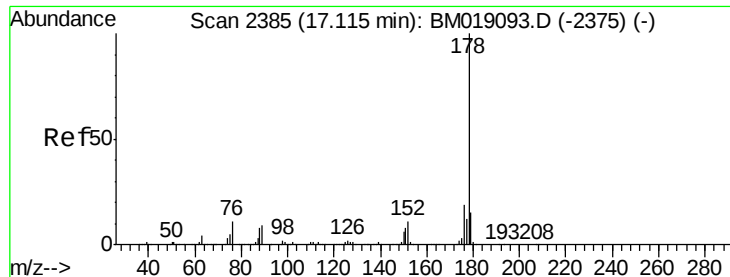
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





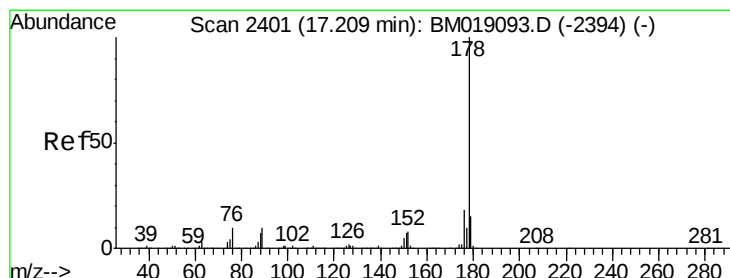
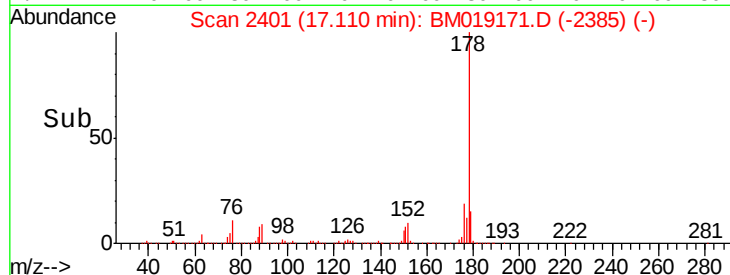
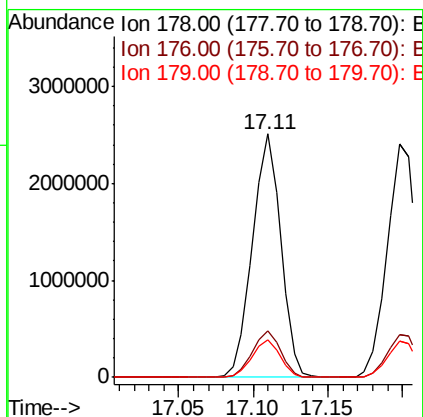
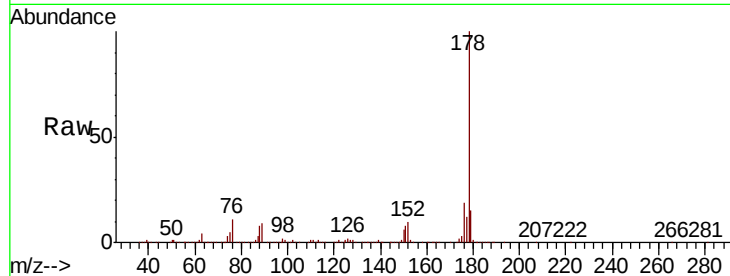
#71
Phenanthrene
Concen: 42.054 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:178 Resp: 3295189
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.2 18.2

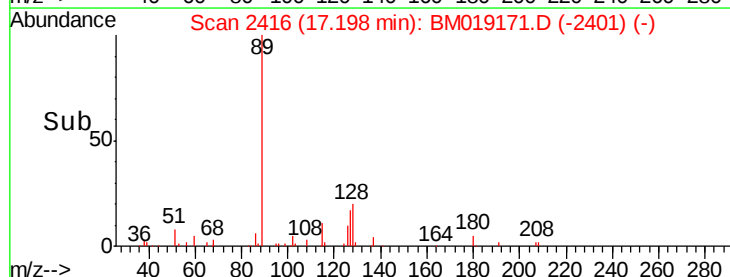
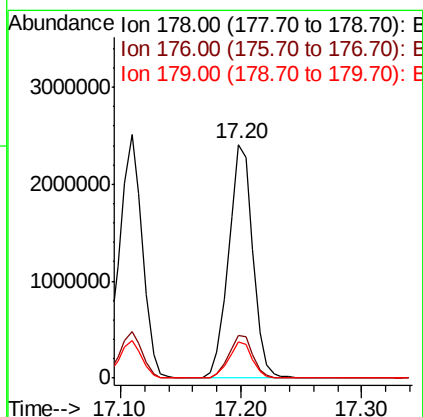
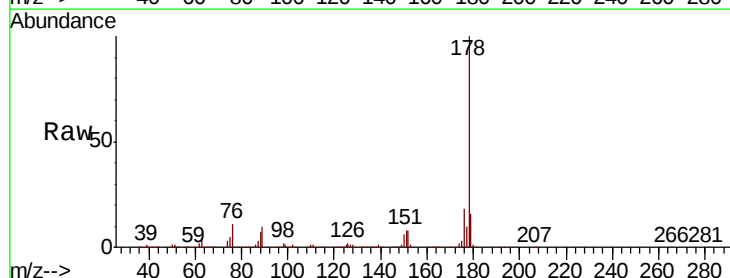
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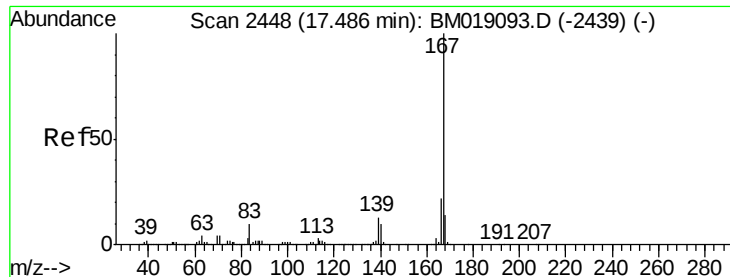
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#72
Anthracene
Concen: 43.593 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:178 Resp: 3343890
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.5 11.9 17.9





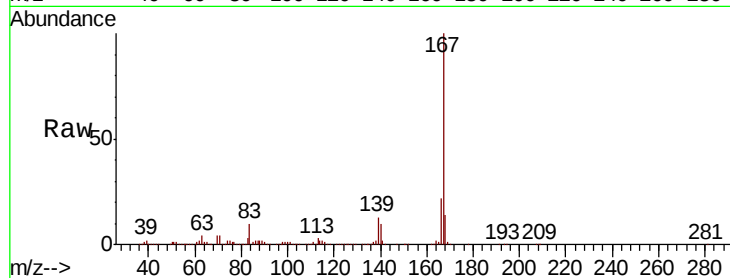
#73
 Carbazole
 Concen: 42.941 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

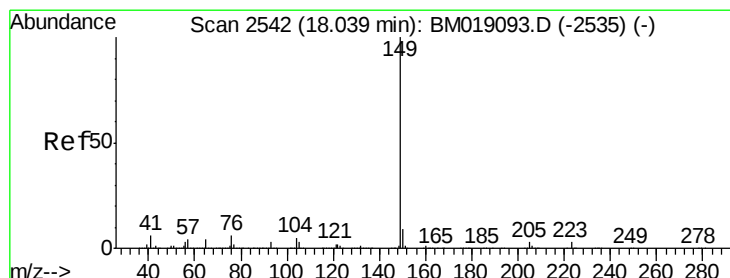
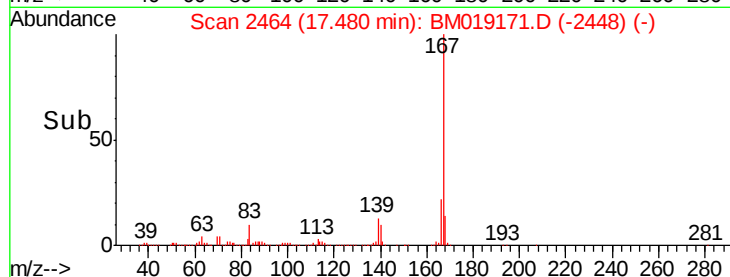
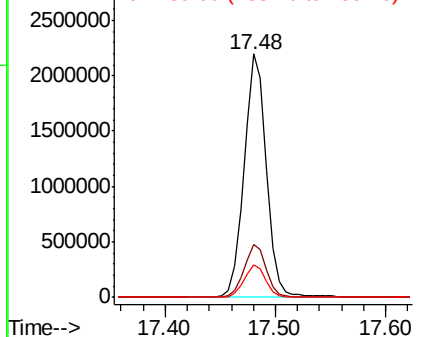
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.2	10.5	15.7

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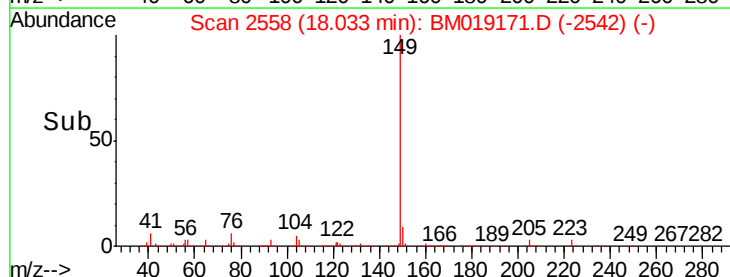
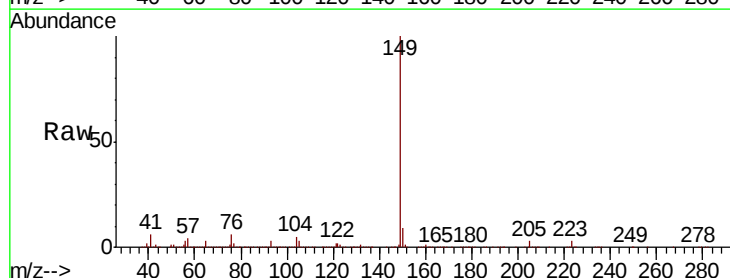
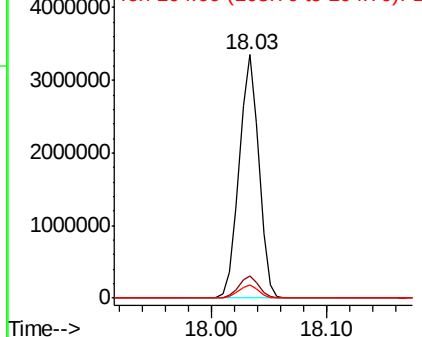
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

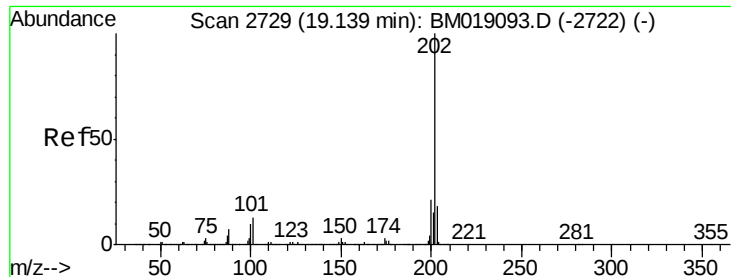


#74
 Di-n-butylphthalate
 Concen: 45.193 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	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: 42.528 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

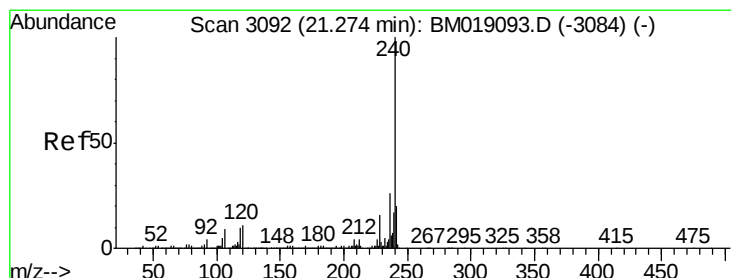
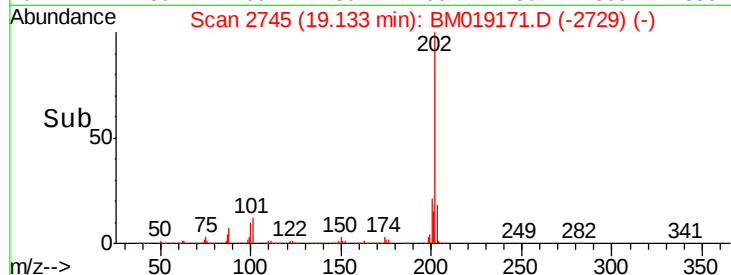
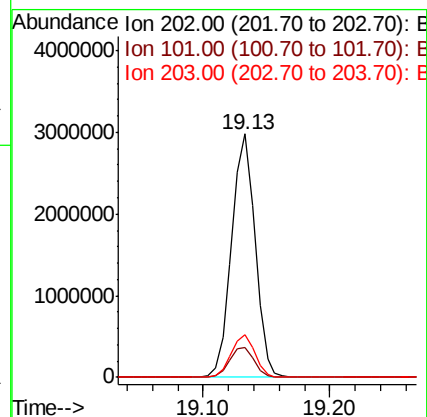
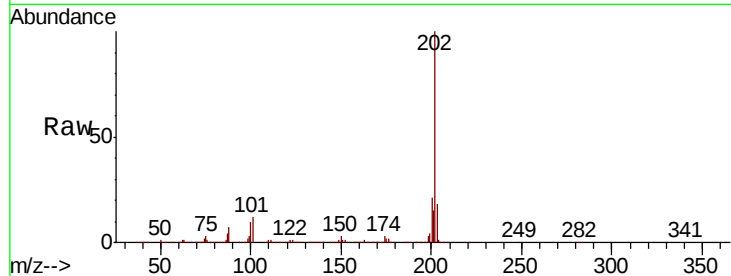
ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:	202	Resp:	3823681
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.0
203	17.5	0.0	37.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

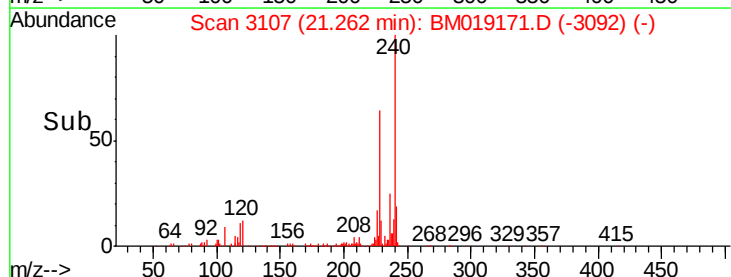
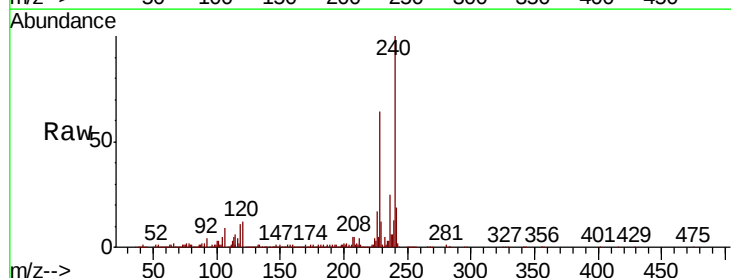
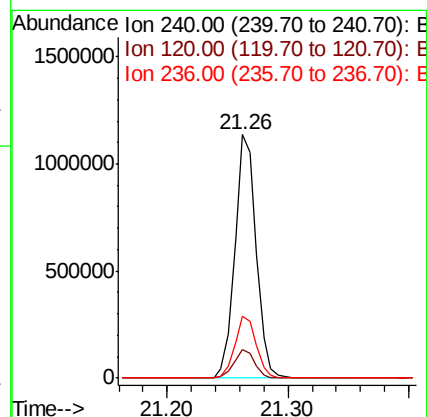
RT: 21.26 min Scan# 3107

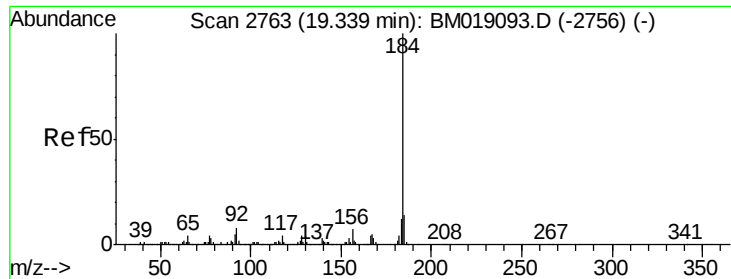
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:	240	Resp:	1391844
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.2	21.0	31.4





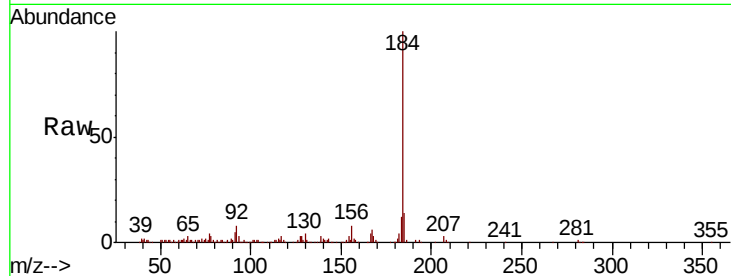
#77
Benzidine
Concen: 8.925 ng
RT: 19.34 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.0	16.4
183	12.4	9.8	14.6

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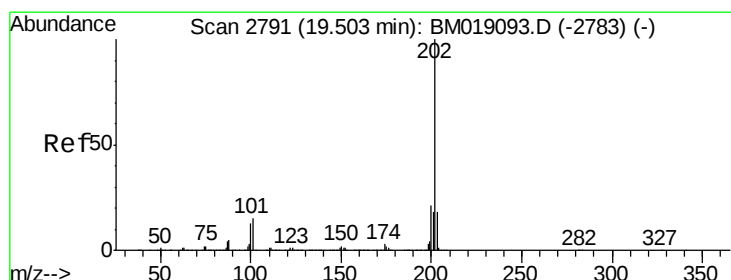
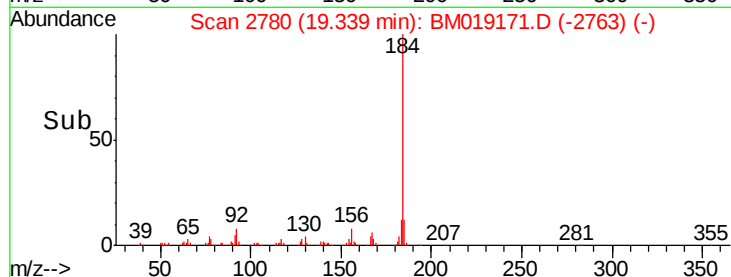
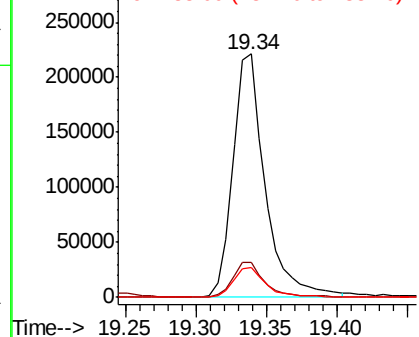


Abundance

Ion 184.00 (183.70 to 184.70): E

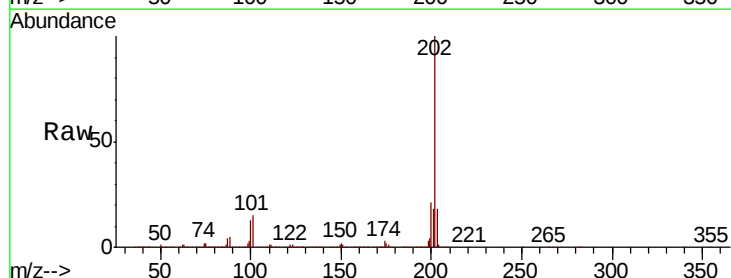
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 43.895 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.0	21.0

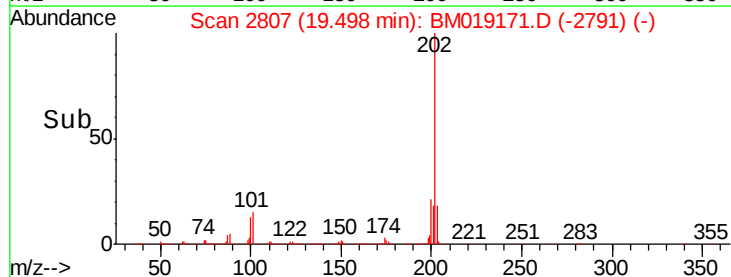
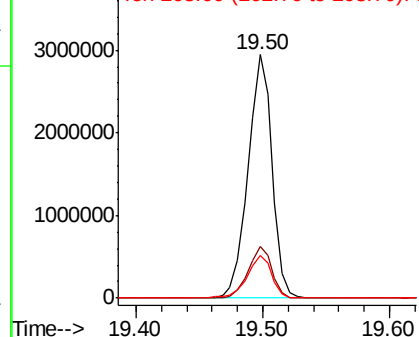


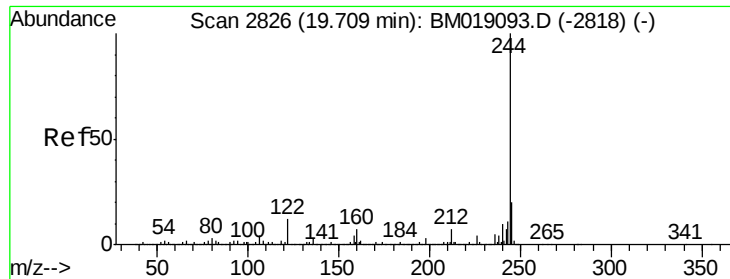
Abundance

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





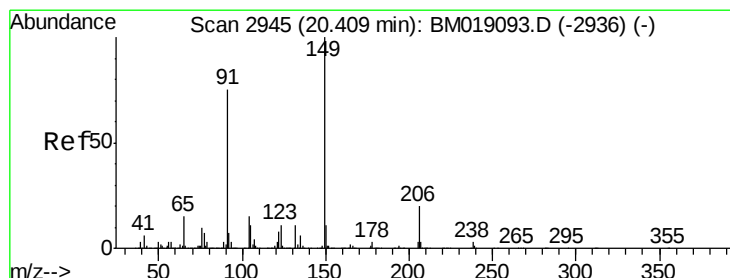
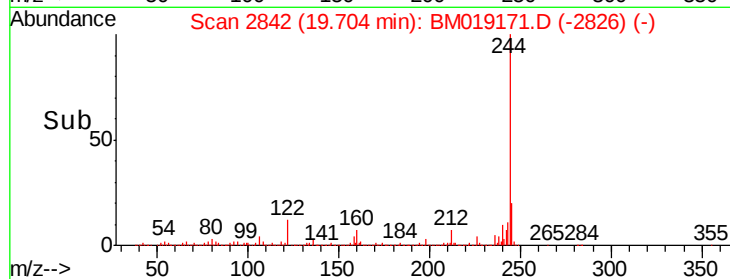
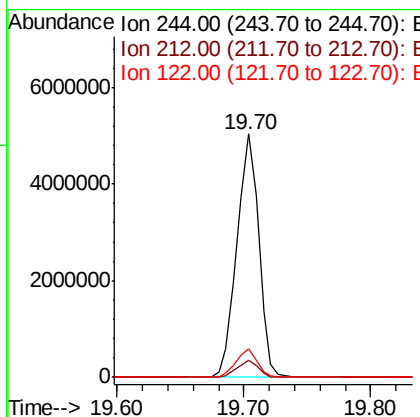
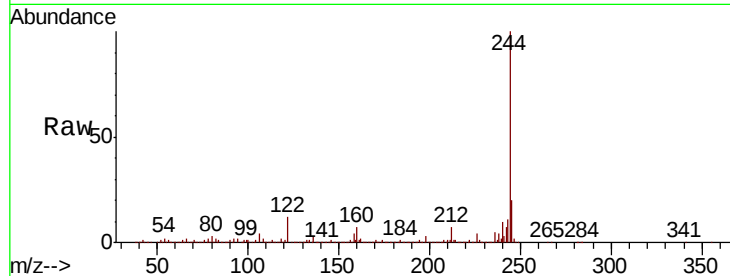
#79
 Terphenyl-d14
 Concen: 85.440 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion:244 Resp: 5990246
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.6 9.4 14.2

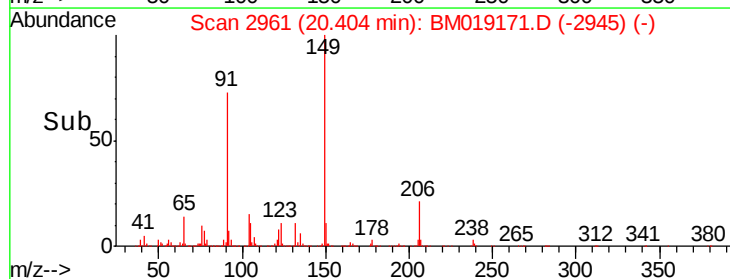
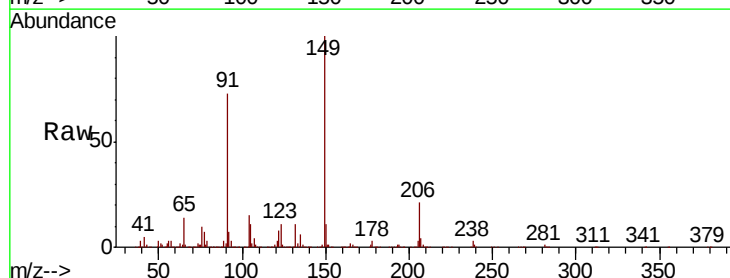
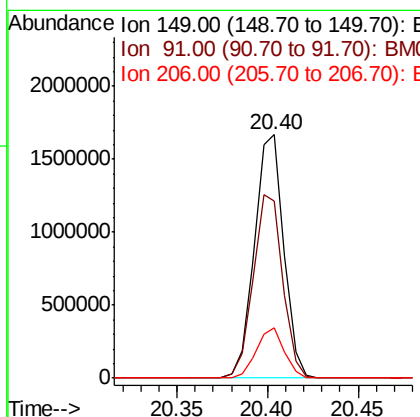
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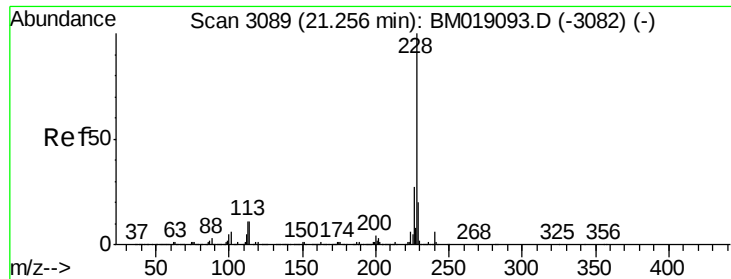
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#80
 Butylbenzylphthalate
 Concen: 48.875 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:149 Resp: 1874666
 Ion Ratio Lower Upper
 149 100
 91 72.9 60.1 90.1
 206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.165 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:228 Resp: 3594455

Ion Ratio Lower Upper

228 100

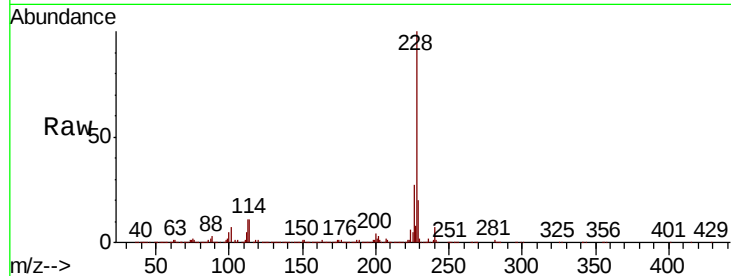
226 27.1 21.8 32.8

229 19.9 15.8 23.6

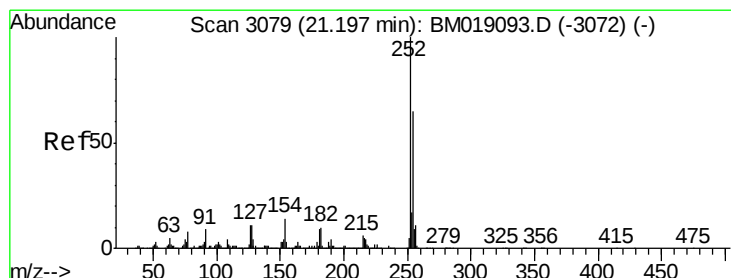
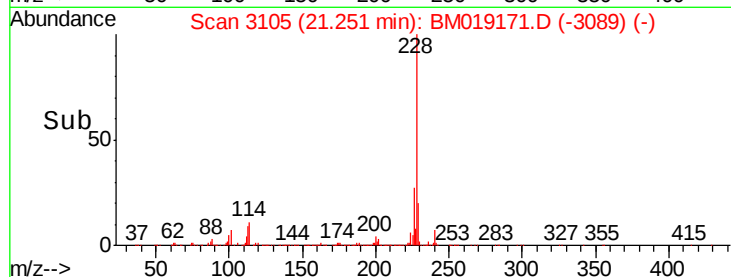
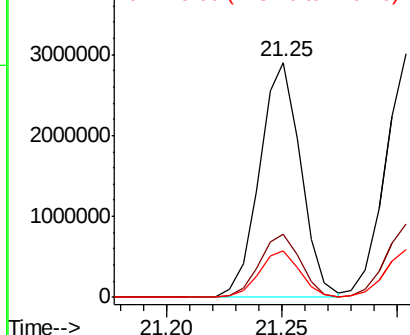
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.229 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

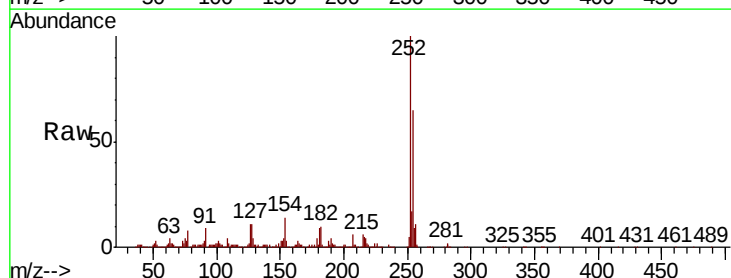
Tgt Ion:252 Resp: 915923

Ion Ratio Lower Upper

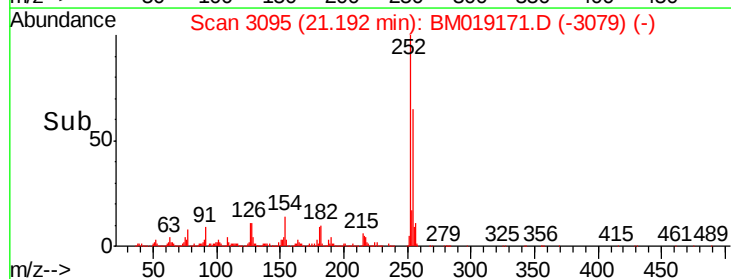
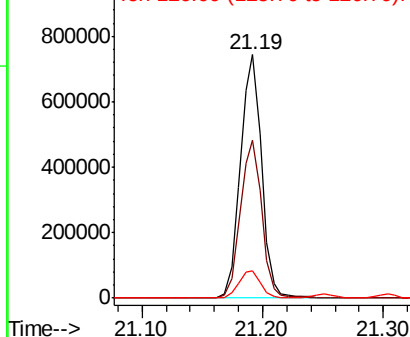
252 100

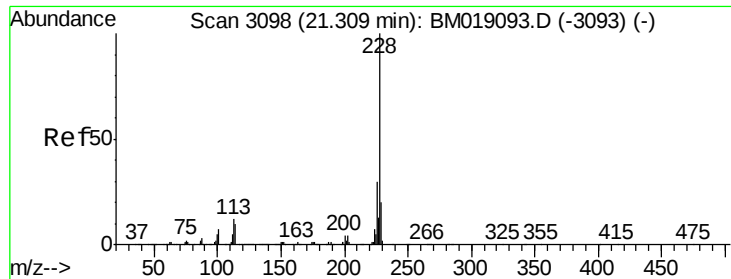
254 64.9 52.4 78.6

126 11.3 9.0 13.6



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





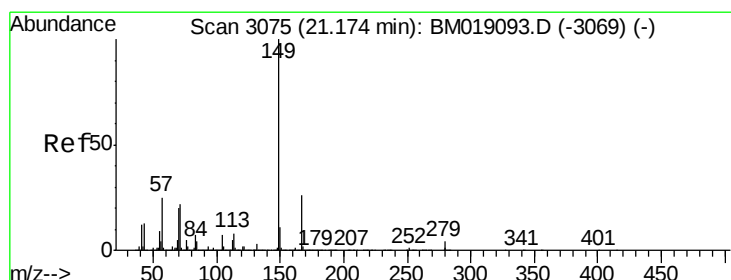
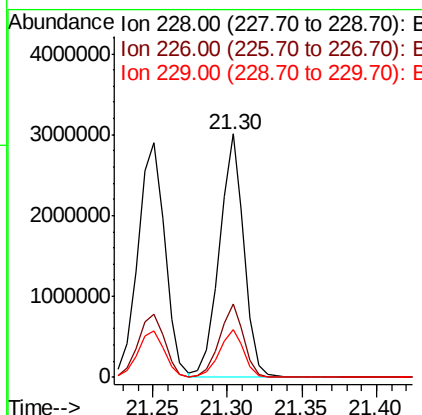
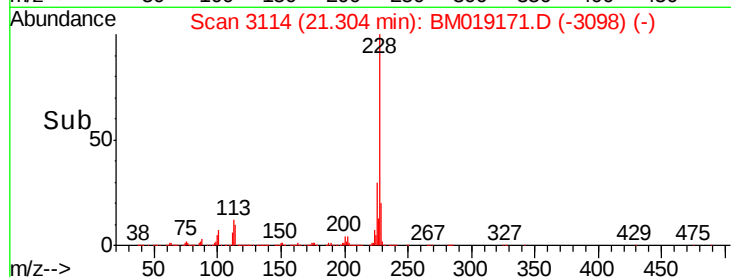
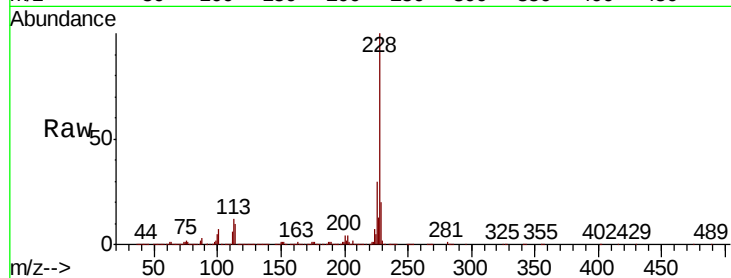
#83
 Chrvsene
 Concen: 40.851 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion:228 Resp: 3450886
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.8 35.8
 229 19.8 15.7 23.5

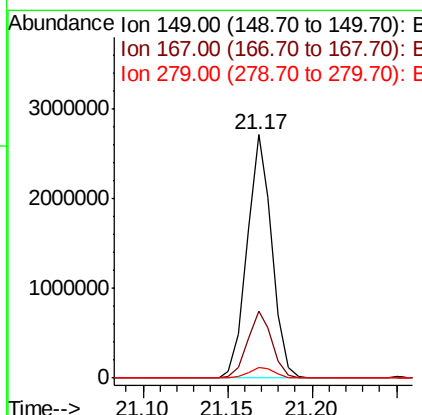
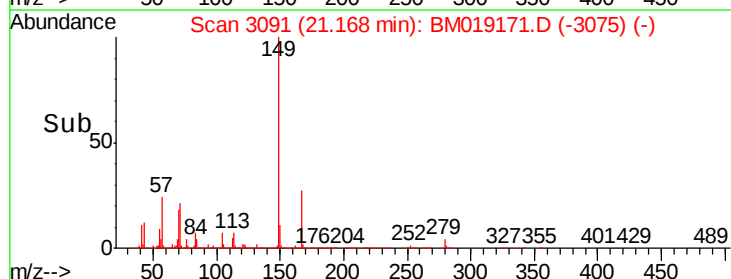
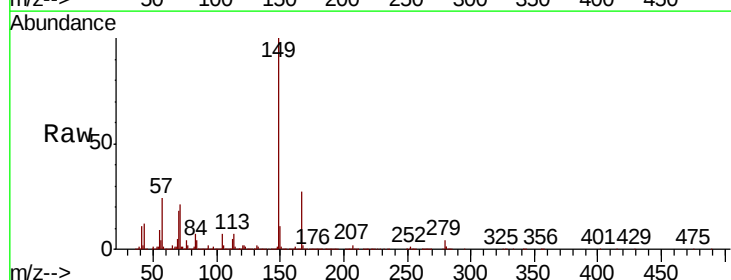
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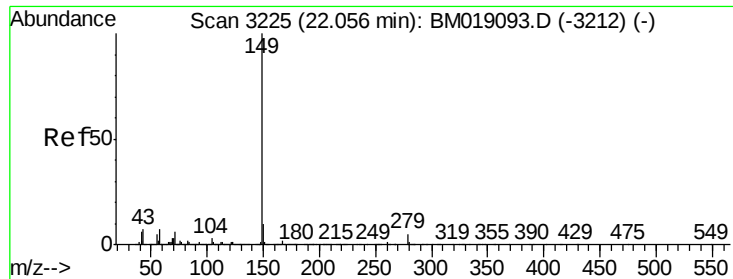
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.443 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:149 Resp: 2759065
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.1 31.7
 279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.927 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:149 Resp: 4597463

Ion Ratio Lower Upper

149 100

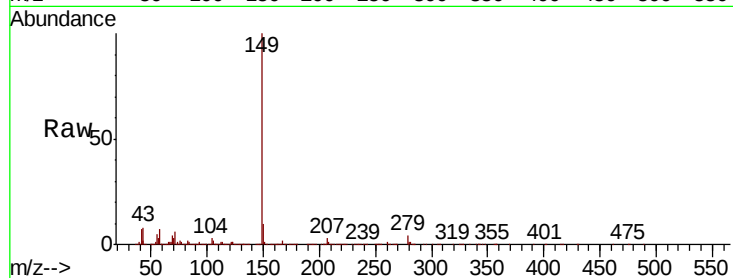
167 1.6 1.3 1.9

43 7.5 6.1 9.1

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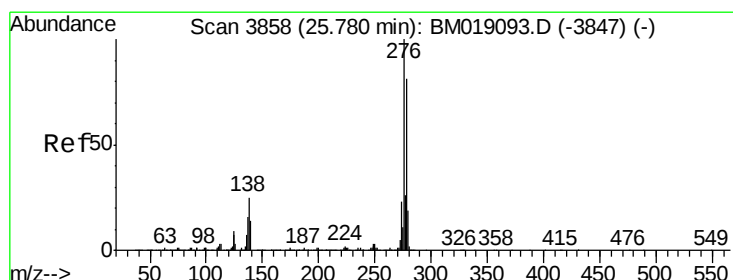
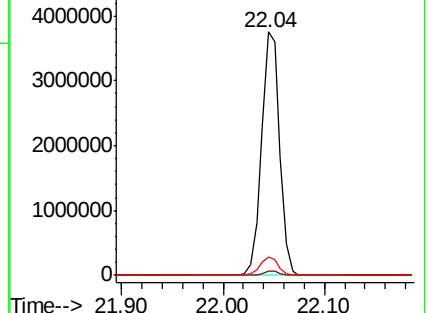
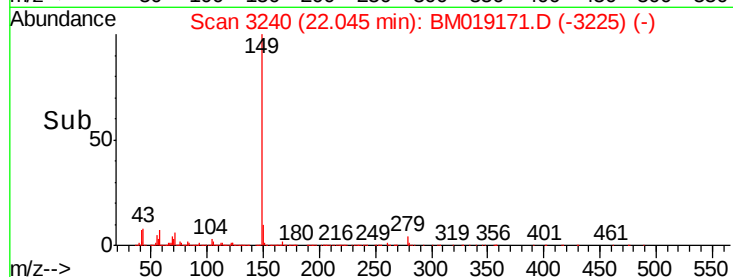
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.953 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

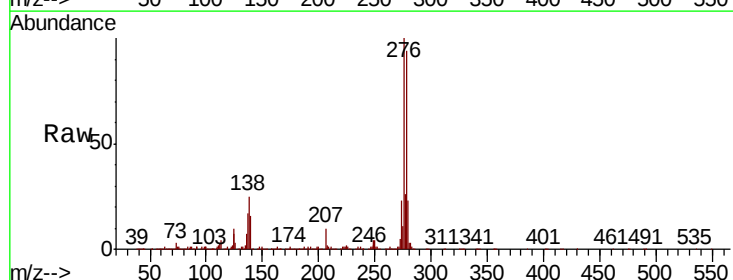
Tgt Ion:276 Resp: 3360356

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

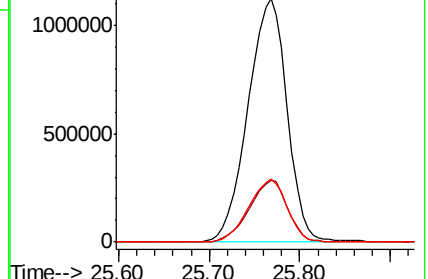
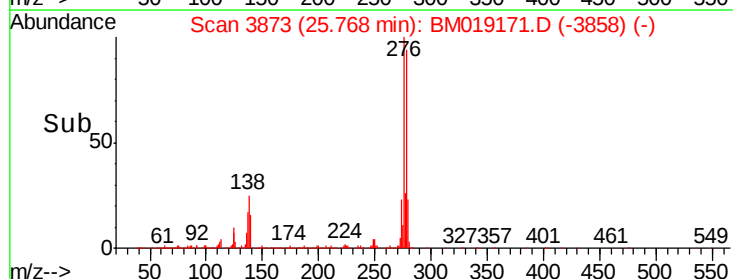
277 25.6 20.3 30.5

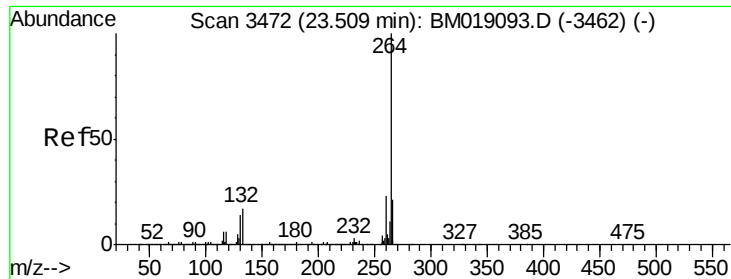


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





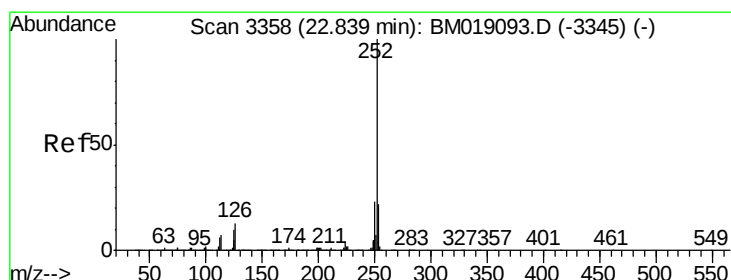
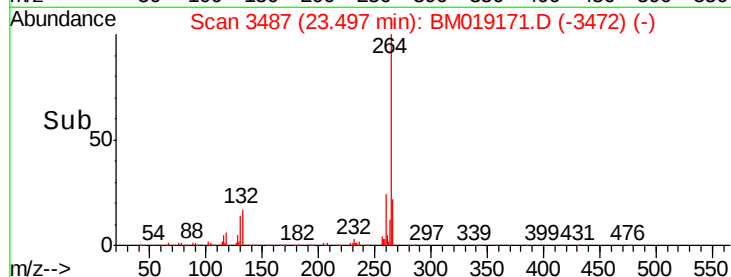
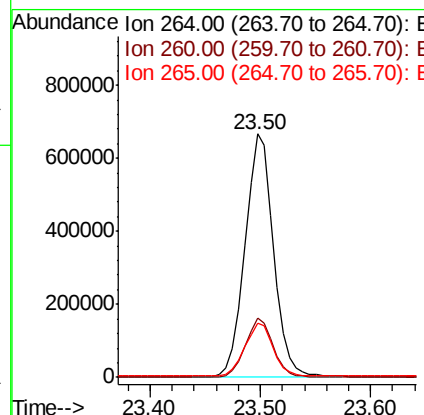
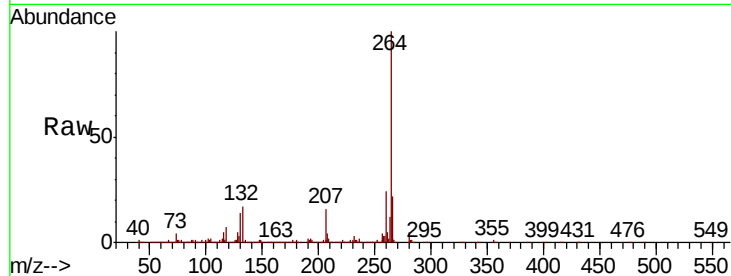
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.3	17.3	25.9

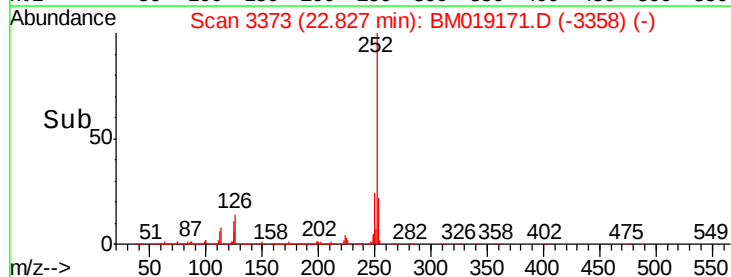
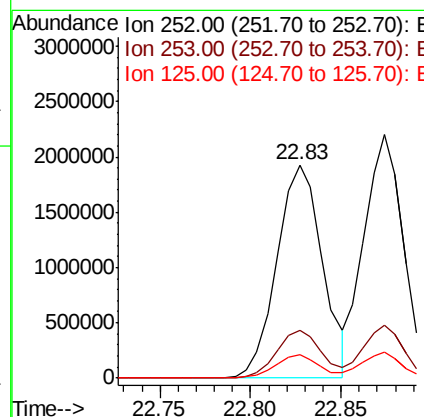
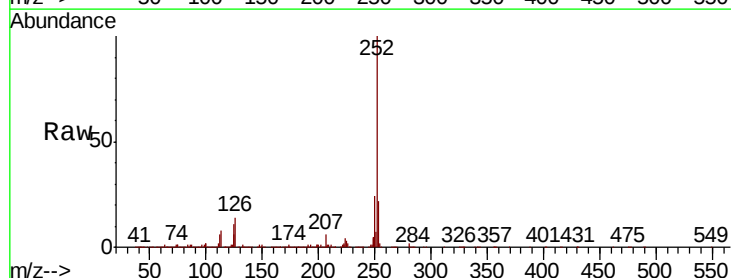
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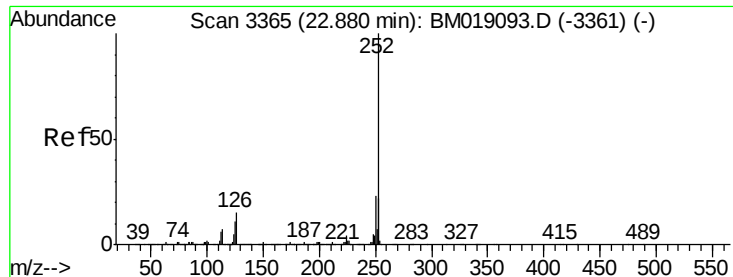
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#88
Benzo(b)fluoranthene
Concen: 43.122 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.8	8.1	12.1





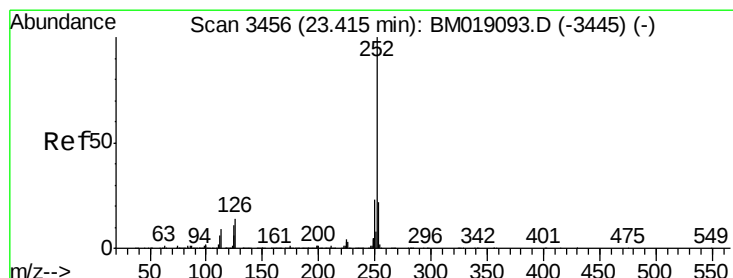
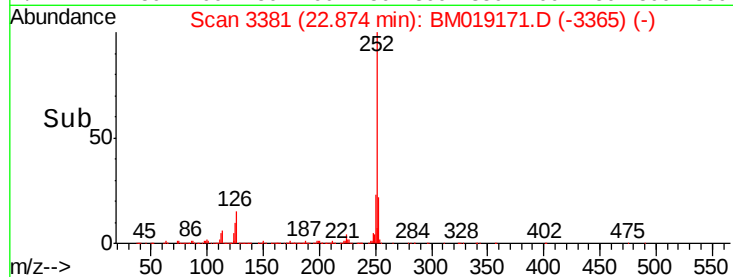
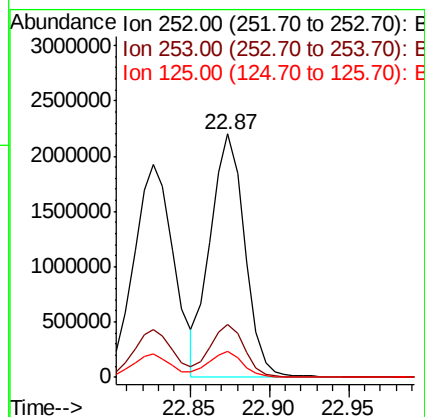
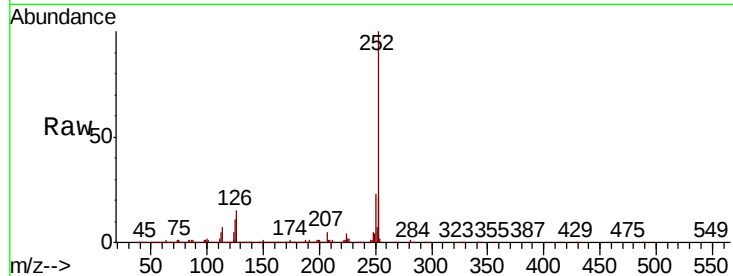
#89
Benzo(k)fluoranthene
Concen: 45.990 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.5	8.8	13.2

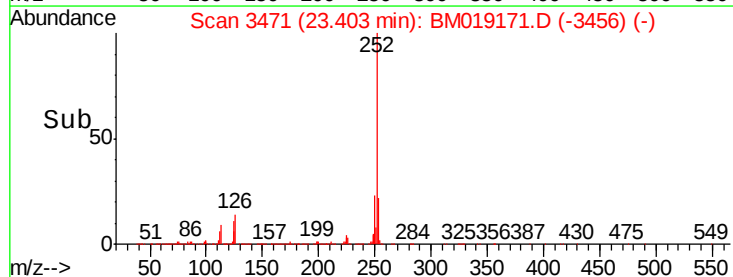
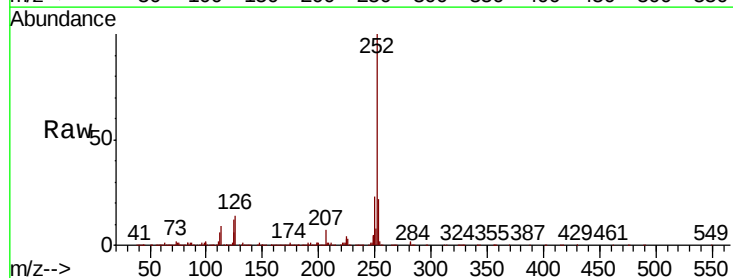
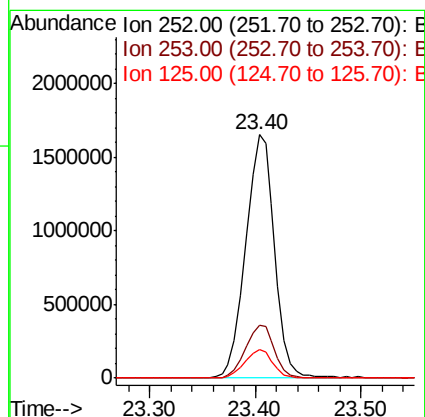
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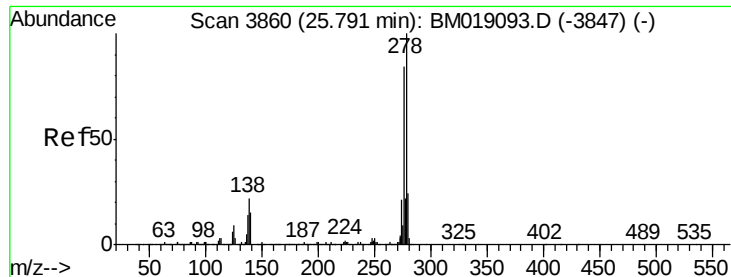
Sohil
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#90
Benzo(a)pyrene
Concen: 44.142 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.5	9.2	13.8





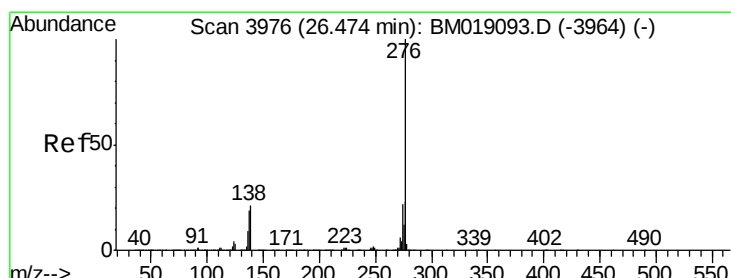
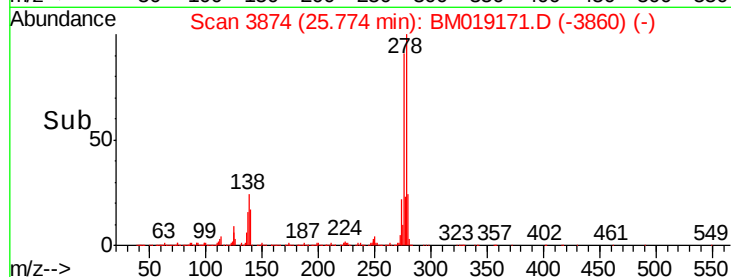
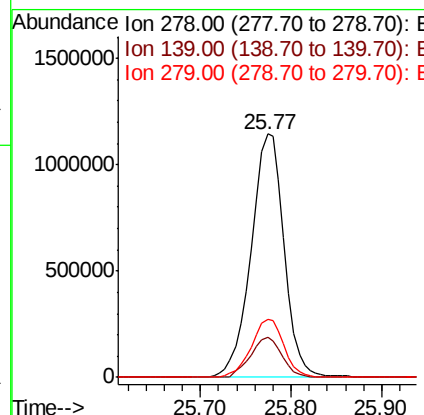
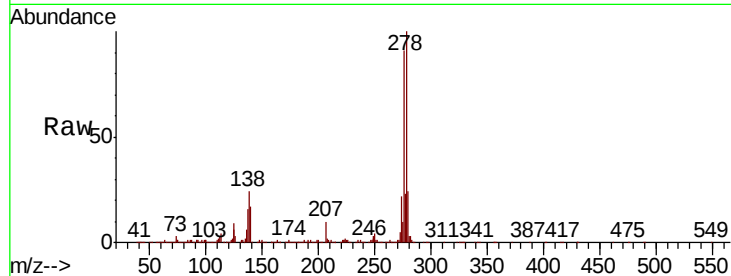
#91
Dibenzo(a,h)anthracene
Concen: 42.758 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.6	12.3	18.5	
279	24.0	18.9	28.3	

Manual Integrations
APPROVED

Sohil
3/15/2019 5:51:09 PM



#92
Benzo(g,h,i)perylene
Concen: 42.970 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	18.8	28.2	
138	20.5	17.0	25.4	

