

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\  
 Data File : BM019290.D  
 Acq On : 21 Mar 2019 14:54  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 3/22/2019 3:45:34 PM

Quant Time: Mar 22 04:48:39 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	7.63	152	188404	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	918854	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	565630	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1265953	20.00	ng	-0.03
76) Chrysene-d12	21.25	240	1131277	20.00	ng	-0.02
87) Perylene-d12	23.47	264	958947	20.00	ng	-0.04

## System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	834350	71.72	ng	-0.03
7) Phenol-d6	6.81	99	1375892	80.86	ng	-0.04
23) Nitrobenzene-d5	8.80	82	1470362	75.64	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	680182	81.45	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3366383	77.42	ng	-0.04
79) Terphenyl-d14	19.69	244	5029883	88.27	ng	-0.02

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	179673	34.718	ng	100
3) Pyridine	3.60	79	528927	37.566	ng	96
4) n-Nitrosodimethylamine	3.52	42	138208	31.574	ng	99
6) Aniline	6.97	93	868302	39.523	ng	100
8) 2-Chlorophenol	7.20	128	559537	40.024	ng	98
9) Benzaldehyde	6.79	77	392651	36.684	ng	99
10) Phenol	6.84	94	744052	40.572	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	542050	38.735	ng	97
12) 1,3-Dichlorobenzene	7.52	146	563941	38.118	ng	98
13) 1,4-Dichlorobenzene	7.66	146	582759	38.636	ng	99
14) 1,2-Dichlorobenzene	7.97	146	567399	38.665	ng	98
15) Benzyl Alcohol	7.89	79	548951	38.978	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	532431	37.262	ng	97
17) 2-Methylphenol	8.07	107	487869	40.824	ng	98
18) Hexachloroethane	8.69	117	209592	37.396	ng	95
19) n-Nitroso-di-n-propylamine	8.44	70	560450	40.145	ng	99
20) 3+4-Methylphenols	8.41	107	675124	41.619	ng	98
22) Acetophenone	8.46	105	963117	37.928	ng	# 99
24) Nitrobenzene	8.85	77	761511	37.668	ng	98
25) Isophorone	9.36	82	1424262	38.399	ng	99
26) 2-Nitrophenol	9.55	139	344202	41.075	ng	98
27) 2,4-Dimethylphenol	9.60	122	498544	40.019	ng	96
28) bis(2-Chloroethoxy)methane	9.85	93	837974	38.155	ng	99
29) 2,4-Dichlorophenol	10.07	162	572123	41.466	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	614577	39.503	ng	100
31) Naphthalene	10.46	128	1840124	37.995	ng	100
32) Benzoic acid	9.79	122	349320m	33.109	ng	
33) 4-Chloroaniline	10.59	127	795546	40.072	ng	99
34) Hexachlorobutadiene	10.72	225	349680	39.167	ng	99
35) Caprolactam	11.42	113	204941m	41.698	ng	
36) 4-Chloro-3-methylphenol	11.72	107	680540	39.975	ng	99
37) 2-Methylnaphthalene	12.09	142	1363955	38.756	ng	98
38) 1-Methylnaphthalene	12.30	142	1341242	38.665	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	715430	39.985	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	292836	36.132	ng	98
43) 2,4,6-Trichlorophenol	12.71	196	474044	40.997	ng	99
44) 2,4,5-Trichlorophenol	12.78	196	508535	41.129	ng	98
46) 1,1'-Biphenyl	13.12	154	1915907	38.786	ng	98
47) 2-Chloronaphthalene	13.16	162	1446793	39.239	ng	99
48) 2-Nitroaniline	13.39	65	474609	38.381	ng	94
49) Acenaphthylene	14.01	152	2426786	38.925	ng	100
50) Dimethylphthalate	13.76	163	1862256	38.487	ng	99
51) 2,6-Dinitrotoluene	13.89	165	415933	39.765	ng	93
52) Acenaphthene	14.35	154	1338127	37.353	ng	98
53) 3-Nitroaniline	14.23	138	411990	37.189	ng	96
54) 2,4-Dinitrophenol	14.44	184	268975	44.279	ng	93
55) Dibenzofuran	14.69	168	2176949	37.681	ng	98
56) 4-Nitrophenol	14.54	139	377289	41.712	ng	94
57) 2,4-Dinitrotoluene	14.68	165	574273	37.822	ng	96
58) Fluorene	15.34	166	1841021	38.660	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	446034	38.749	ng	96
60) Diethylphthalate	15.13	149	1852923	37.810	ng	98
61) 4-Chlorophenyl-phenylether	15.34	204	917253	39.659	ng	97
62) 4-Nitroaniline	15.40	138	400335	35.858	ng	97
63) Azobenzene	15.63	77	1922681	37.285	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	280828	33.852	ng	95
66) n-Nitrosodiphenylamine	15.56	169	1558933	38.680	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	565032	40.474	ng	94
68) Hexachlorobenzene	16.34	284	674494	40.639	ng	97
69) Atrazine	16.52	200	459507	33.869	ng	99
70) Pentachlorophenol	16.69	266	355349	35.536	ng	98
71) Phenanthrene	17.09	178	2755545	37.136	ng	99
72) Anthracene	17.18	178	2792728	38.446	ng	100
73) Carbazole	17.46	167	2504438	36.529	ng	99
74) Di-n-butylphthalate	18.02	149	3093575	37.314	ng	99
75) Fluoranthene	19.12	202	3061253	35.954	ng	98
77) Benzidine	19.32	184	1207128	37.624	ng	99
78) Pyrene	19.48	202	3086816	43.126	ng	99
80) Butylbenzylphthalate	20.39	149	1385901	44.454	ng	98
81) Benzo(a)anthracene	21.23	228	2694254	37.962	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	1020901	37.340	ng	100
83) Chrysene	21.29	228	2542921	37.036	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2051636	45.234	ng	# 97
85) Di-n-octyl phthalate	22.03	149	3176315	41.589	ng	99
86) Indeno(1,2,3-cd)pyrene	25.73	276	2499331	33.815	ng	99
88) Benzo(b)fluoranthene	22.80	252	2368432	38.116	ng	100
89) Benzo(k)fluoranthene	22.85	252	2242235	39.232	ng	99
90) Benzo(a)pyrene	23.38	252	2123507	38.028	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2123613	39.755	ng	100
92) Benzo(g,h,i)perylene	26.42	276	2023077	41.252	ng	98

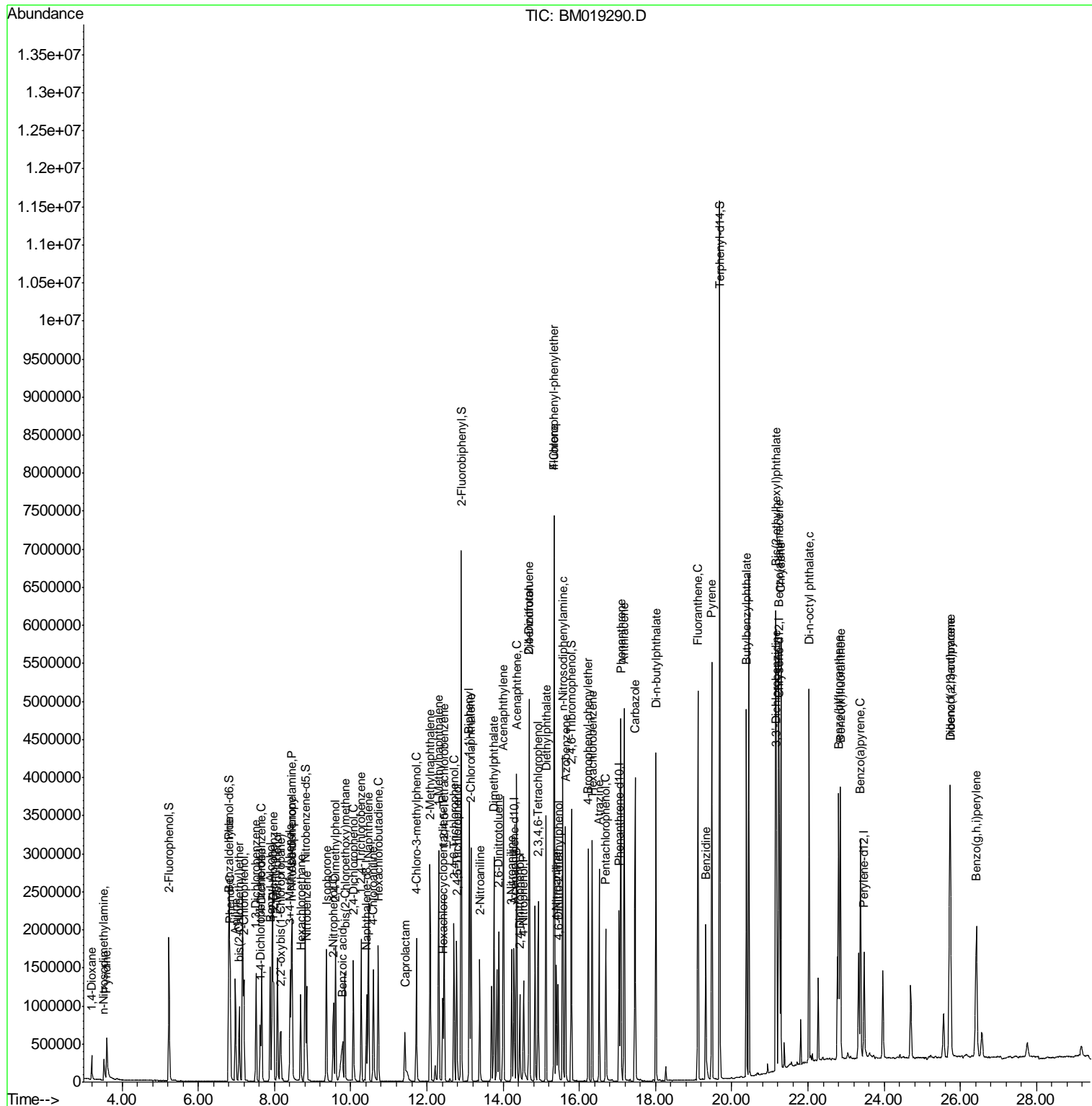
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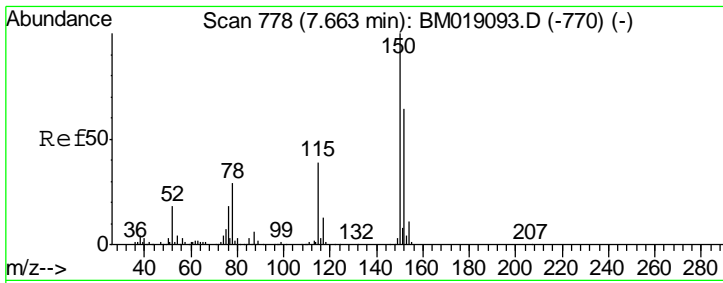
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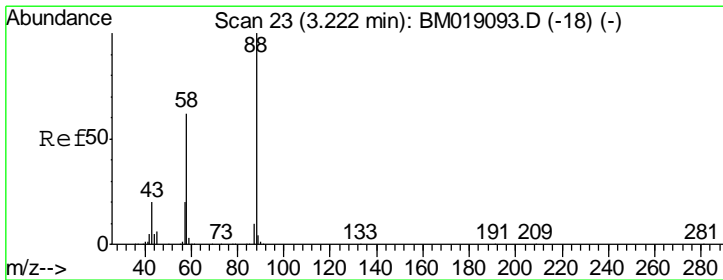
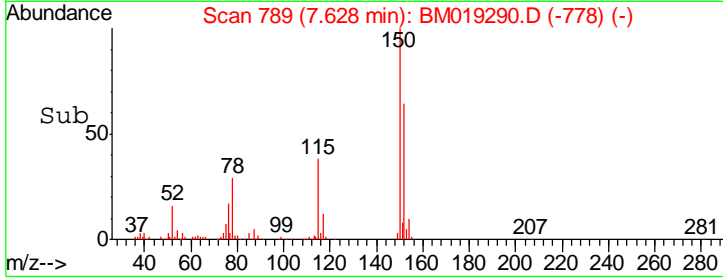
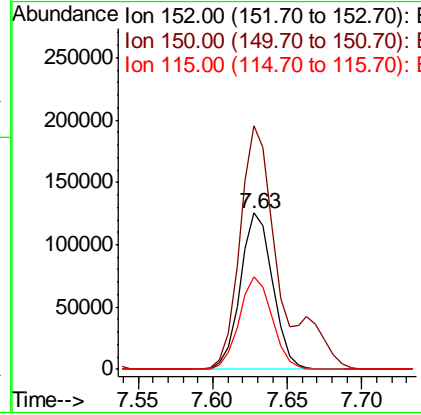
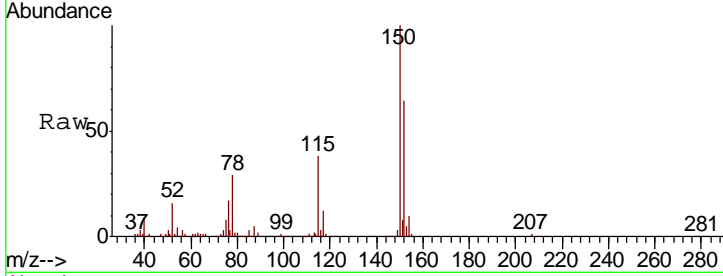
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.63 min Scan# 789  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

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Tgt Ion	Resp	Lower	Upper
152	188404		
152	100		
150	155.6	125.3	187.9
115	59.1	49.4	74.0

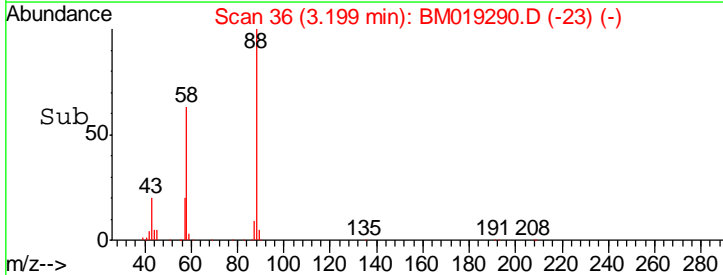
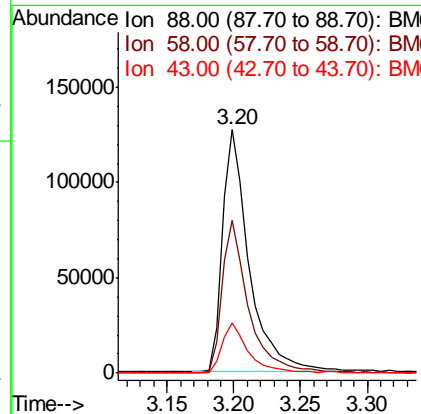
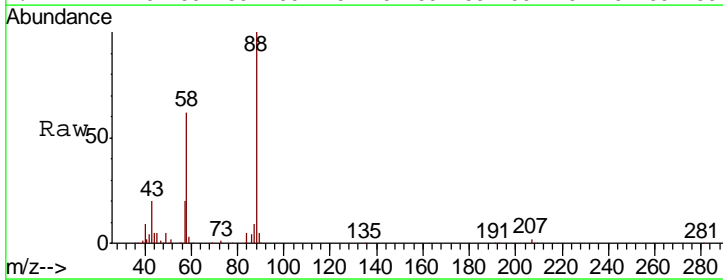
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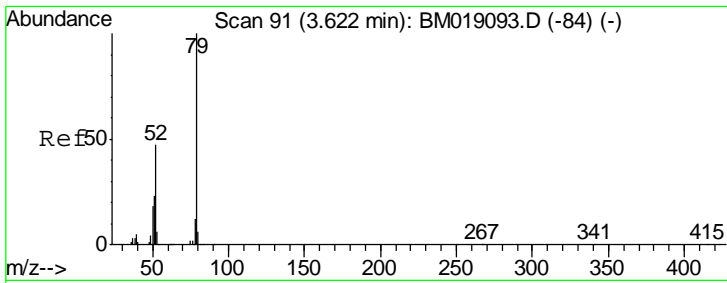
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#2  
 1,4-Dioxane  
 Concen: 34.718 ng  
 RT: 3.20 min Scan# 36  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
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Tgt Ion	Resp	Lower	Upper
88	179673		
88	100		
58	62.1	50.0	75.0
43	20.9	17.0	25.4





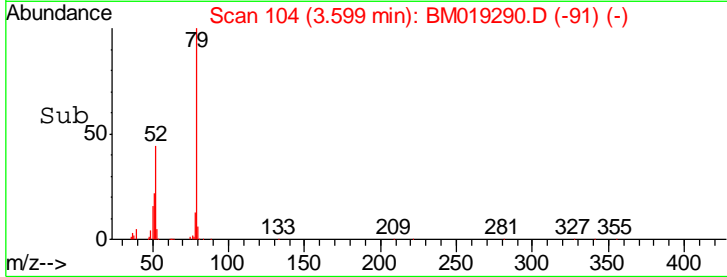
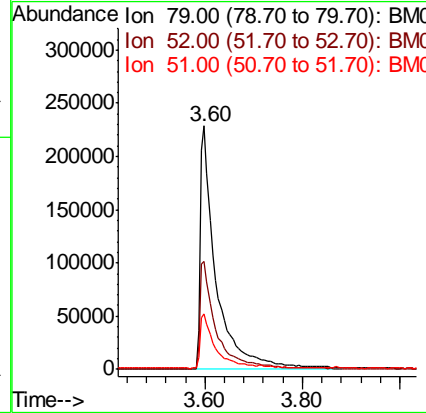
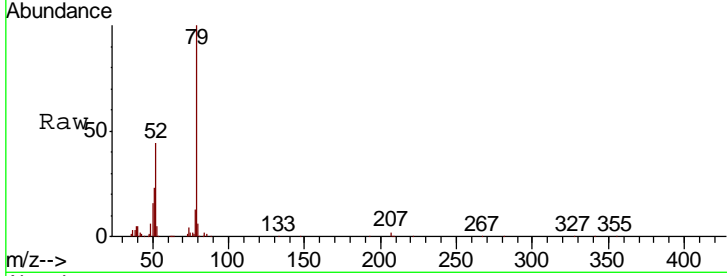
#3  
 Pyridine  
 Concen: 37.566 ng  
 RT: 3.60 min Scan# 104  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
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**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
79	100		
52	44.2	37.5	56.3
51	22.8	19.2	28.8

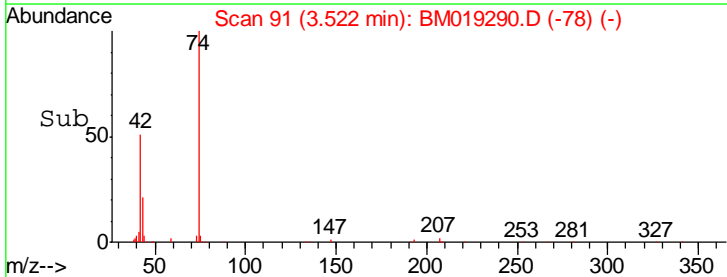
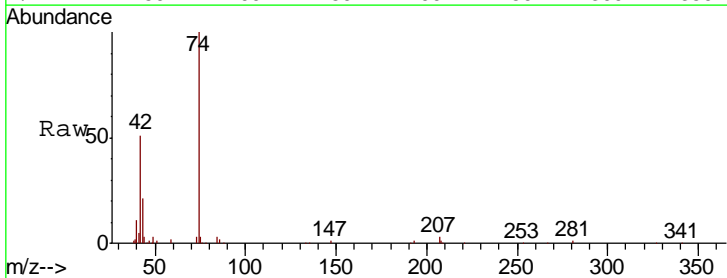
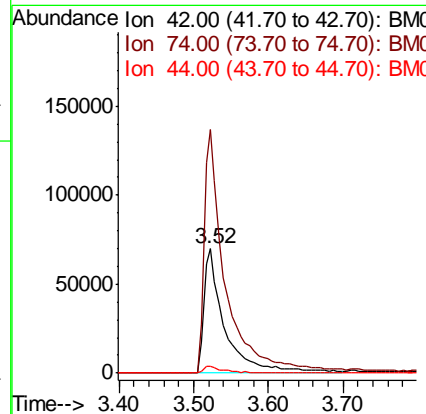
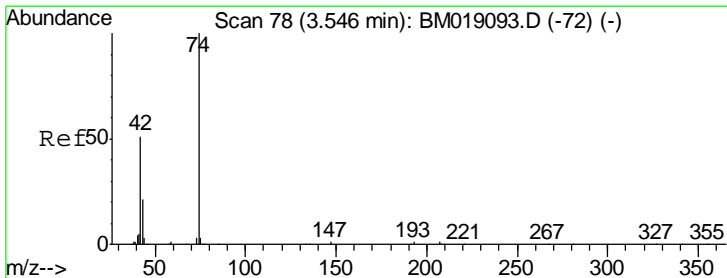
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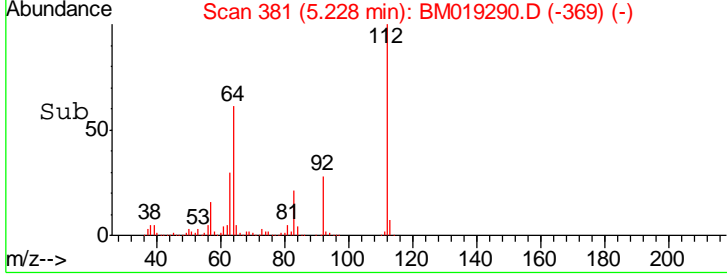
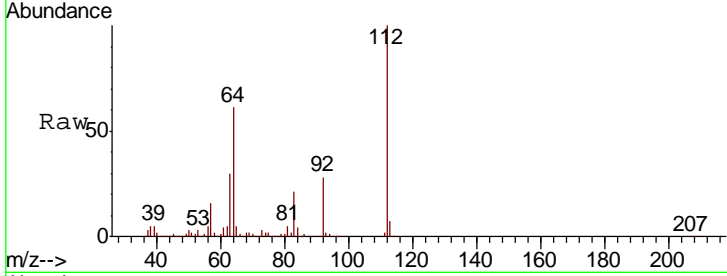
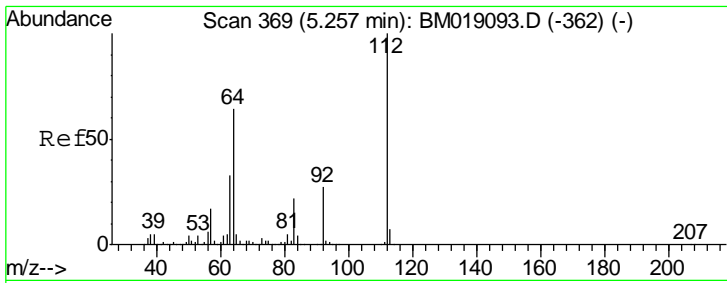
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#4  
 n-Nitrosodimethylamine  
 Concen: 31.574 ng  
 RT: 3.52 min Scan# 91  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
42	100		
74	196.3	156.3	234.5
44	5.7	4.6	7.0



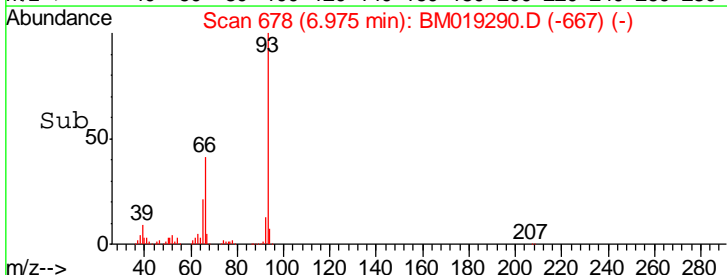
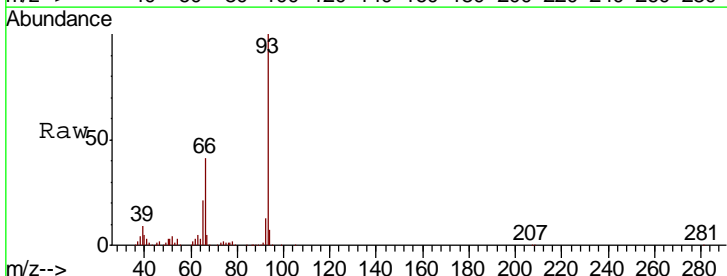
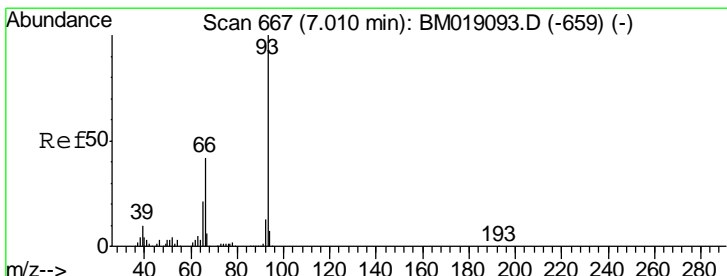
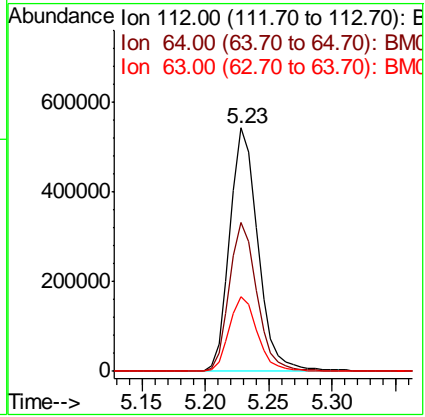


#5  
 2-Fluorophenol  
 Concen: 71.719 ng  
 RT: 5.23 min Scan# 381  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
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Tgt Ion	Resp	Lower	Upper
112	100		
64	61.4	51.4	77.0
63	30.5	26.6	40.0

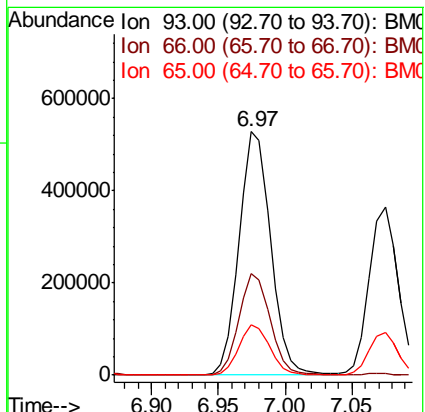
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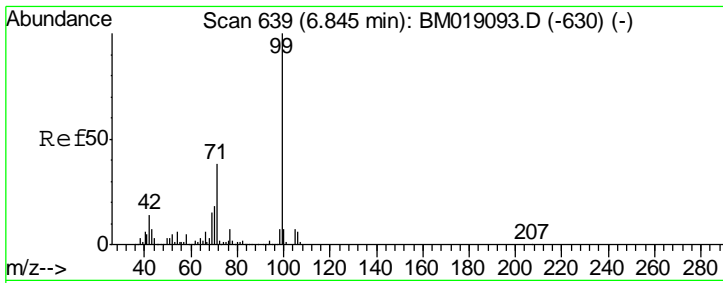
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#6  
 Aniline  
 Concen: 39.523 ng  
 RT: 6.97 min Scan# 678  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
93	100		
66	41.5	33.4	50.2
65	20.9	16.8	25.2





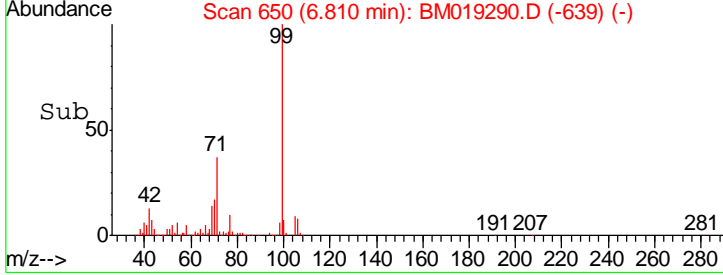
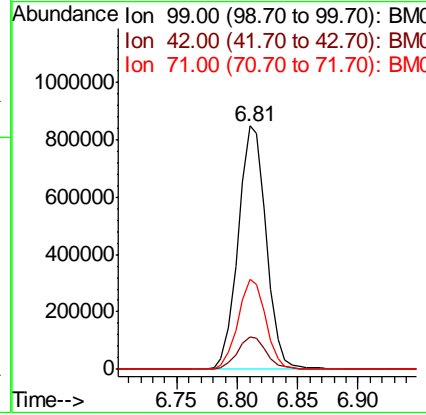
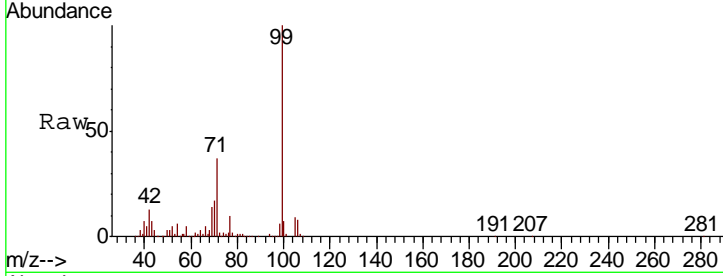
#7  
 Phenol-d6  
 Concen: 80.856 ng  
 RT: 6.81 min Scan# 650  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
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Tgt Ion	Resp	Lower	Upper
99	1375892		
42	13.4	10.9	16.3
71	36.8	30.3	45.5

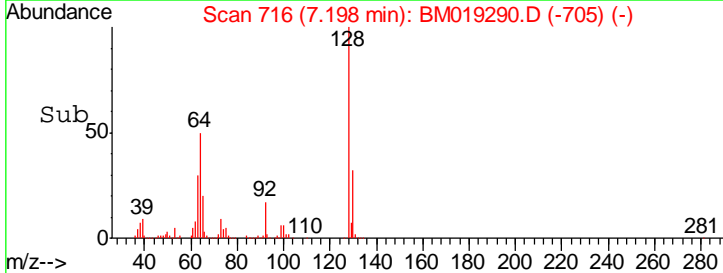
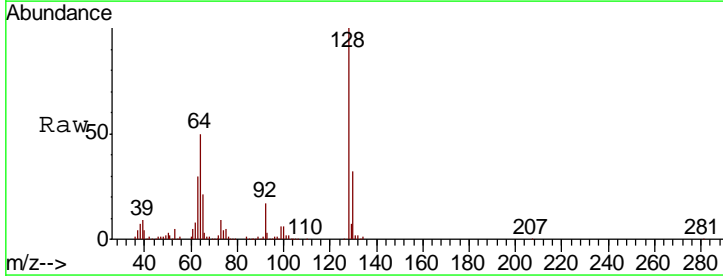
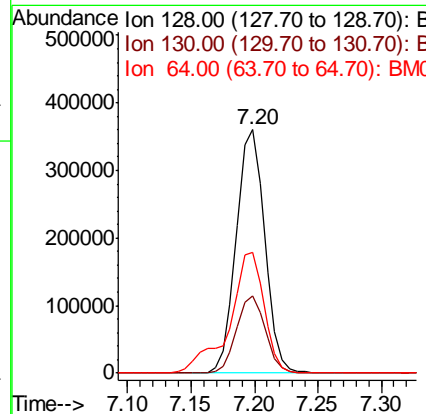
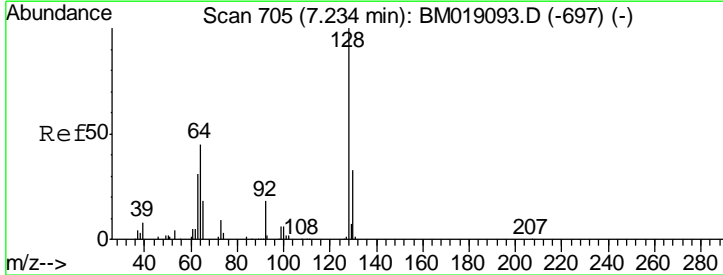
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**APPROVED**

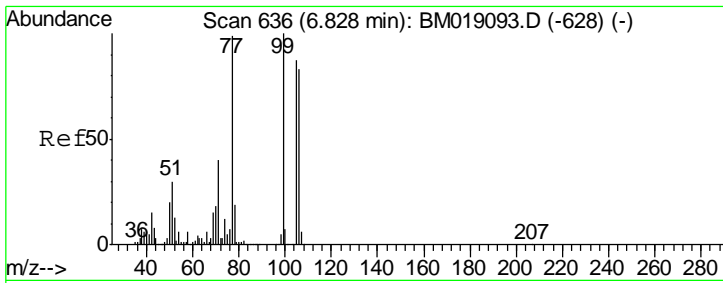
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#8  
 2-Chlorophenol  
 Concen: 40.024 ng  
 RT: 7.20 min Scan# 716  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
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Tgt Ion	Resp	Lower	Upper
128	559537		
130	31.6	12.8	52.8
64	49.8	30.8	70.8





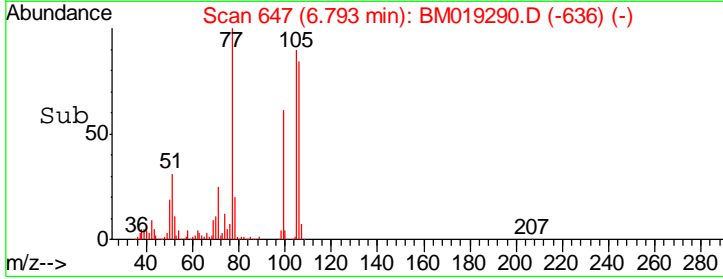
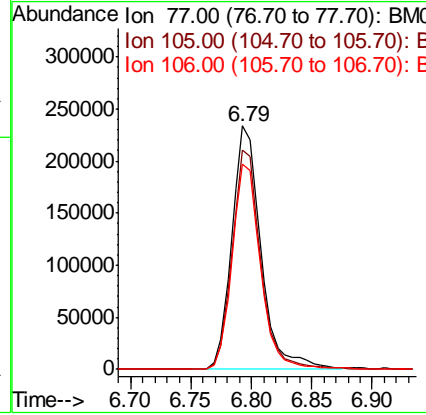
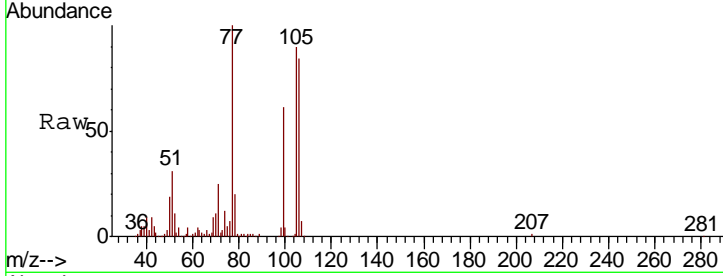
#9  
Benzaldehyde  
Concen: 36.684 ng  
RT: 6.79 min Scan# 647  
Delta R.T. -0.04 min  
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Tgt Ion	Resp	Lower	Upper
77	100		
105	90.1	67.7	107.7
106	84.1	64.1	104.1

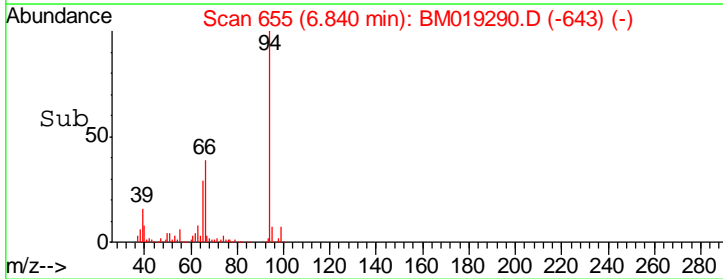
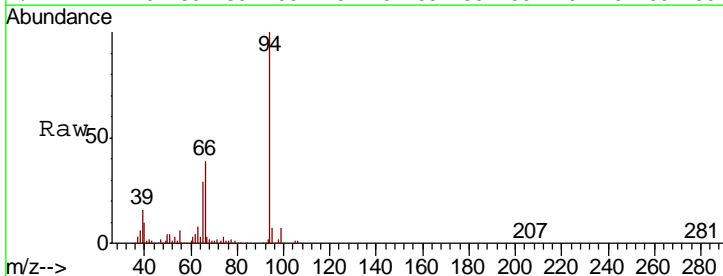
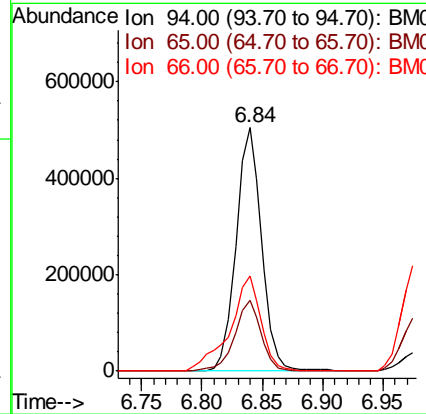
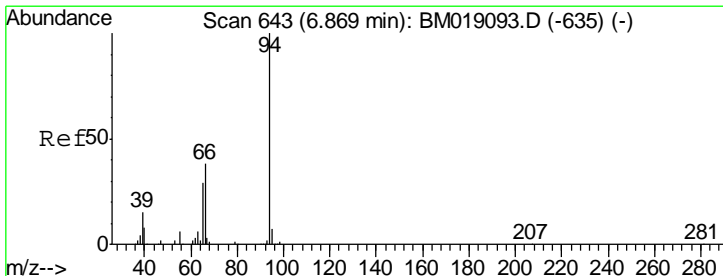
**Manual Integrations**  
**APPROVED**

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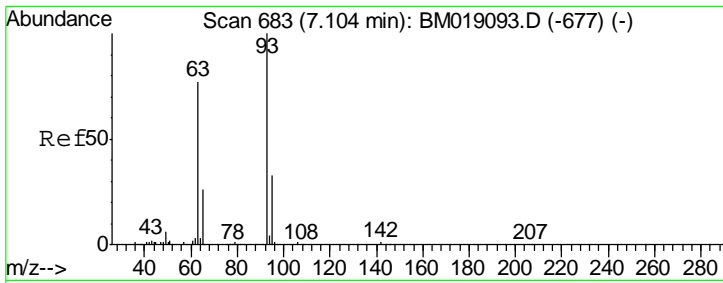


#10  
Phenol  
Concen: 40.572 ng  
RT: 6.84 min Scan# 655  
Delta R.T. -0.03 min  
Lab File: BM019290.D  
Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
94	100		
65	29.1	9.7	49.7
66	39.0	19.2	59.2







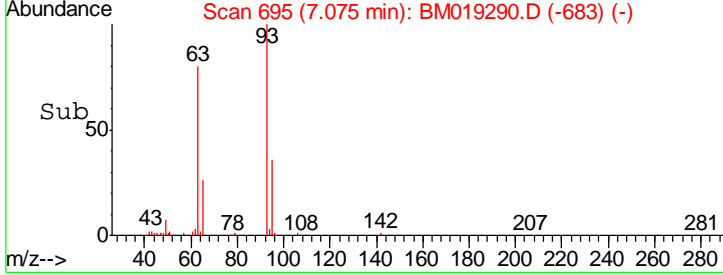
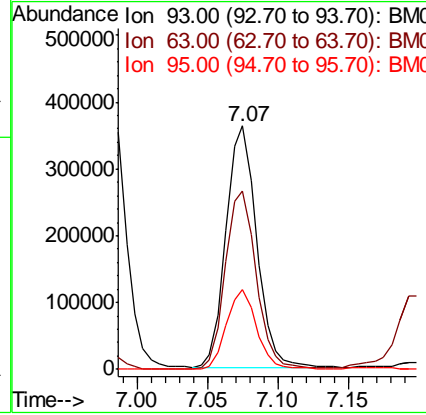
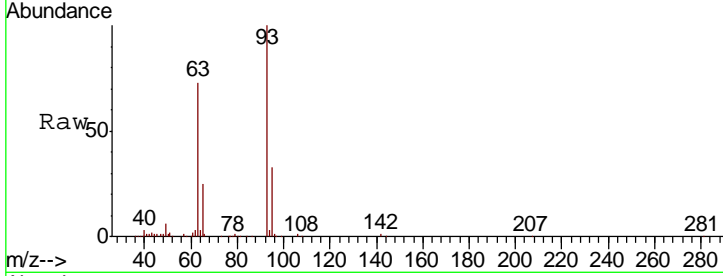
#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.735 ng  
 RT: 7.07 min Scan# 695  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
93	542050		
93	100		
63	73.4	56.6	96.6
95	32.6	13.0	53.0

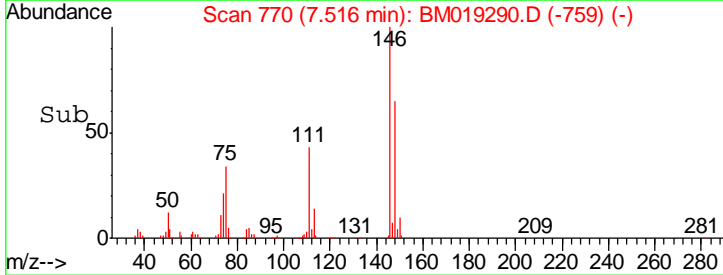
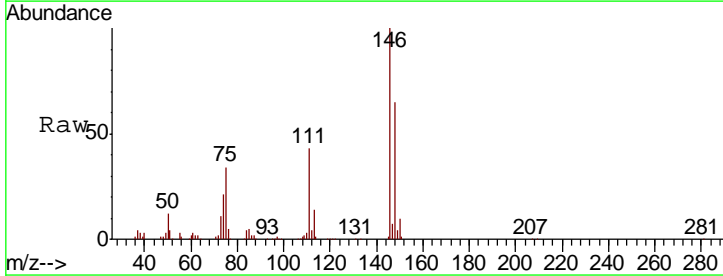
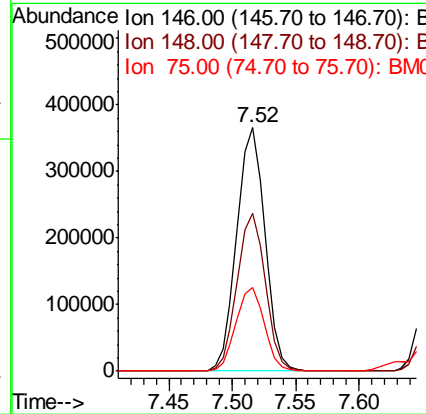
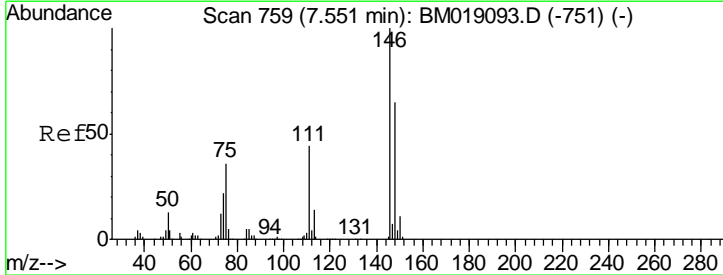
**Manual Integrations**  
**APPROVED**

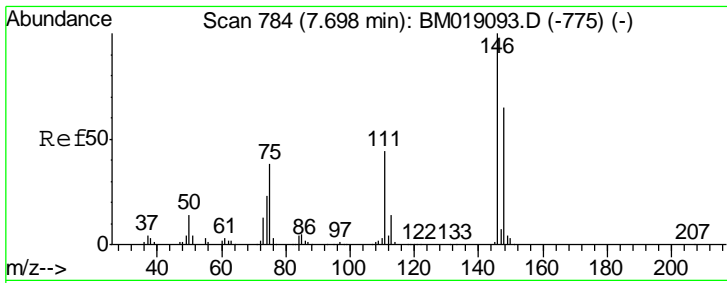
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#12  
 1,3-Dichlorobenzene  
 Concen: 38.118 ng  
 RT: 7.52 min Scan# 770  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
146	563941		
146	100		
148	64.9	51.7	77.5
75	34.1	29.1	43.7





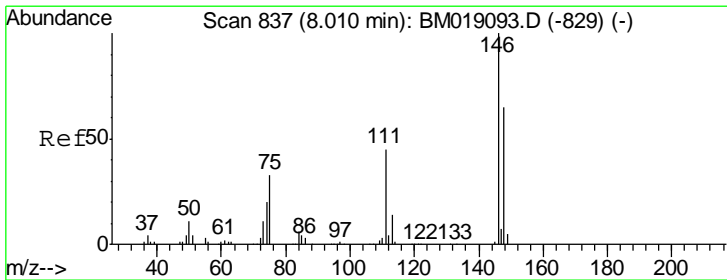
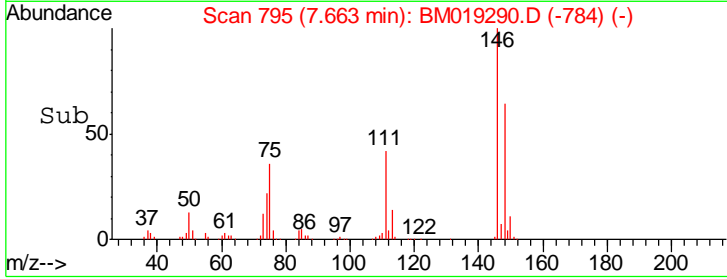
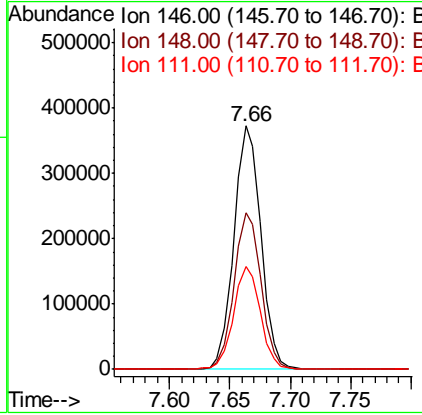
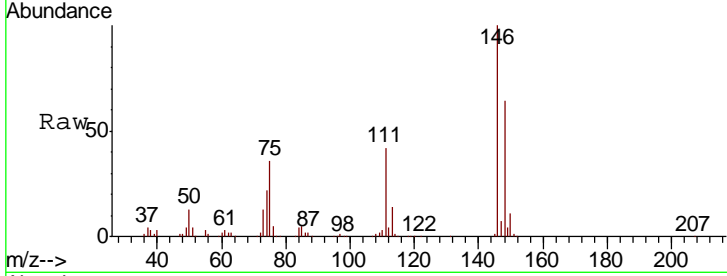
#13  
 1,4-Dichlorobenzene  
 Concen: 38.636 ng  
 RT: 7.66 min Scan# 795  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	42.3	35.4	53.0

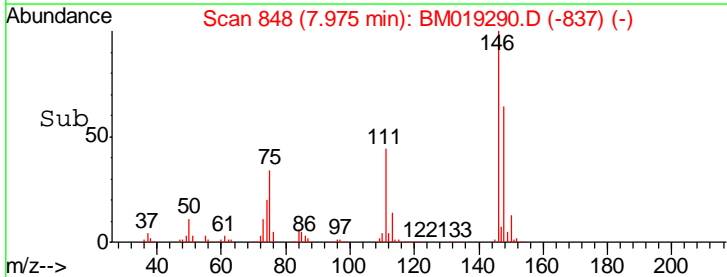
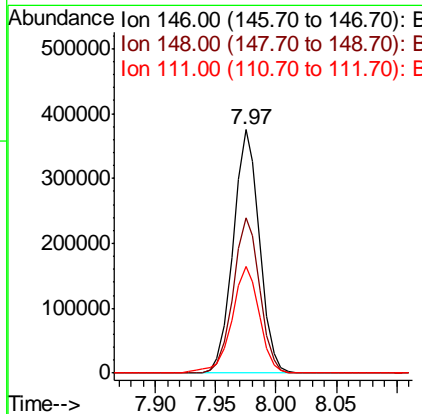
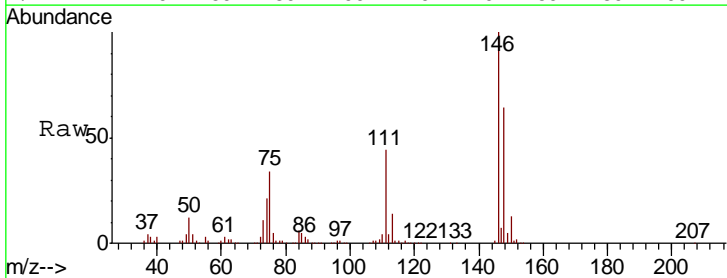
**Manual Integrations**  
**APPROVED**

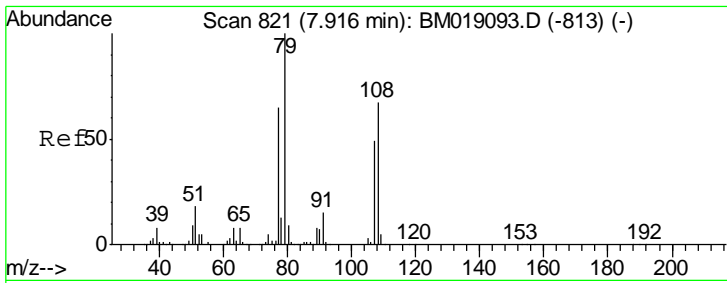
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.665 ng  
 RT: 7.97 min Scan# 848  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	43.9	36.2	54.4





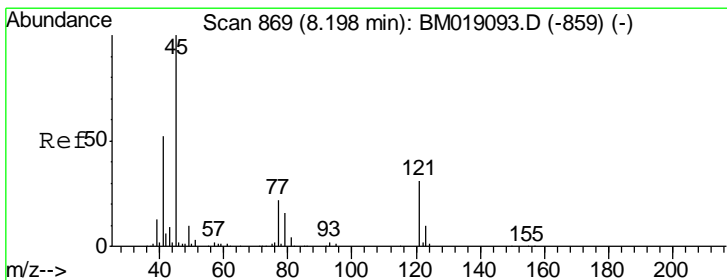
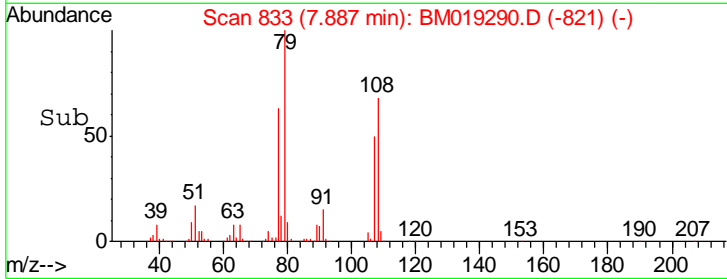
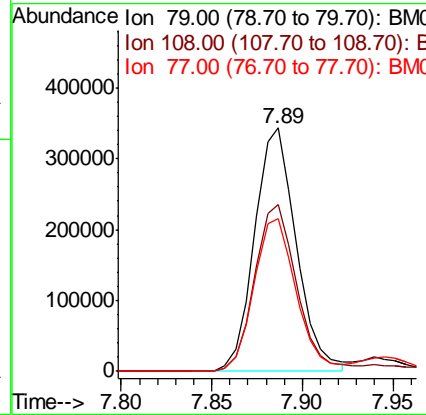
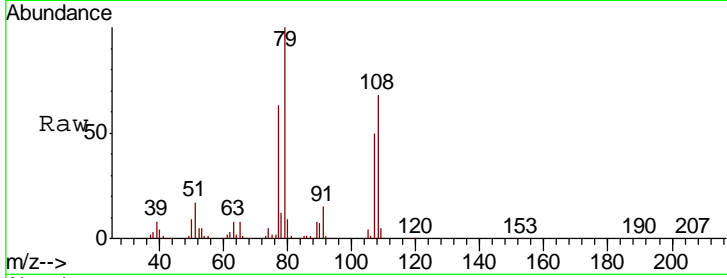
#15  
Benzyl Alcohol  
Concen: 38.978 ng  
RT: 7.89 min Scan# 833  
Delta R.T. -0.03 min  
Lab File: BM019290.D  
Acq: 21 Mar 2019 14:54

Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

Tgt Ion	Resp	Lower	Upper
79	100		
108	68.4	53.7	80.5
77	62.8	51.8	77.8

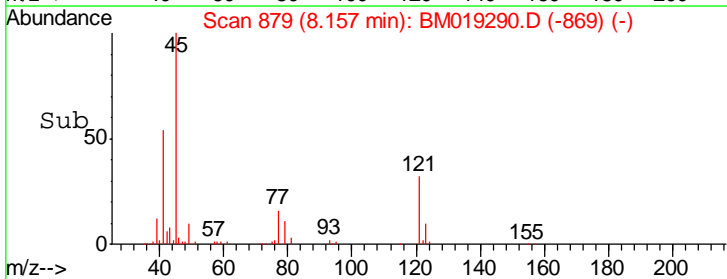
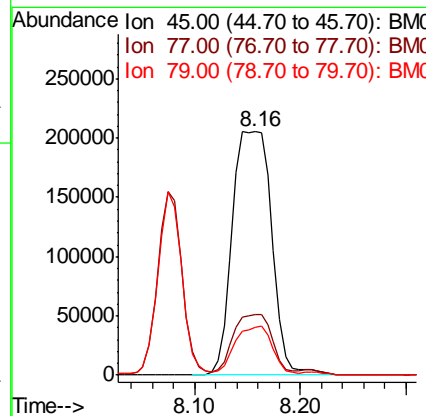
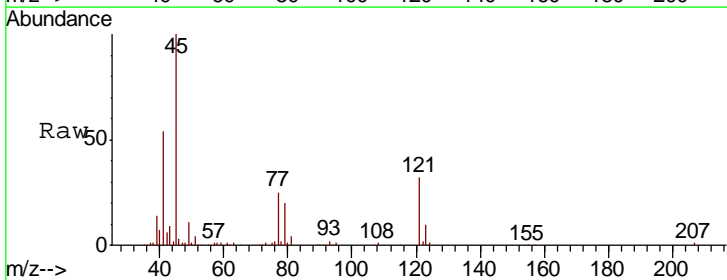
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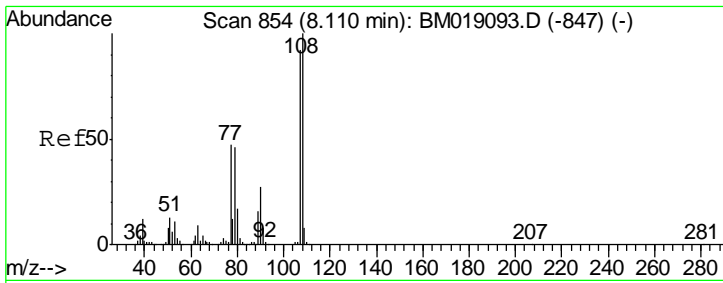
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.262 ng  
RT: 8.16 min Scan# 879  
Delta R.T. -0.04 min  
Lab File: BM019290.D  
Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
45	100		
77	25.1	4.1	44.1
79	19.6	0.0	38.1





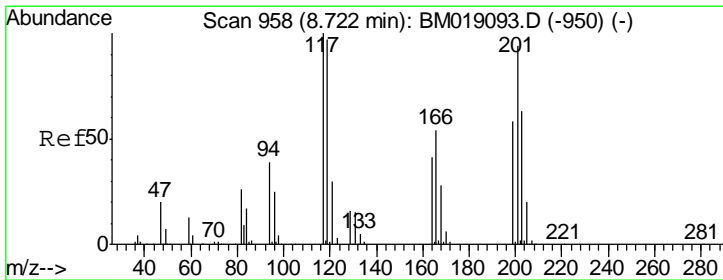
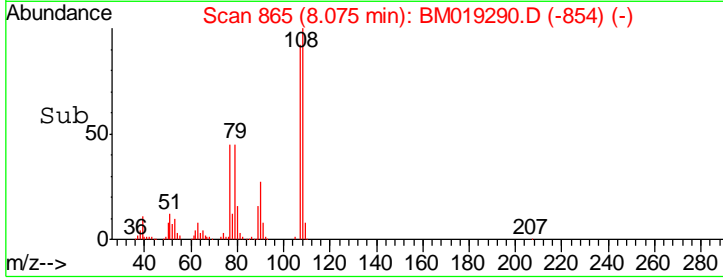
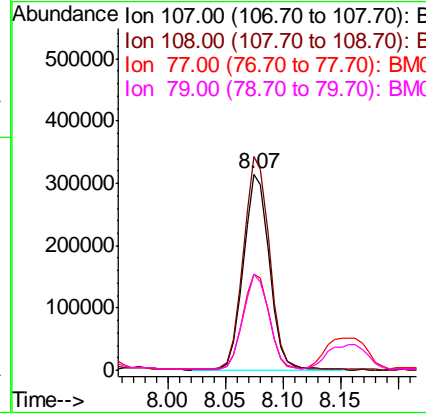
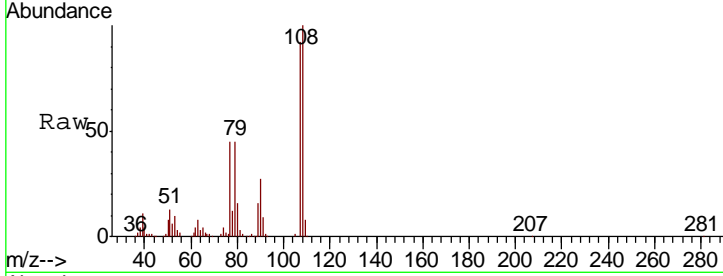
#17  
 2-Methylphenol  
 Concen: 40.824 ng  
 RT: 8.07 min Scan# 865  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
107	100		
108	108.8	87.4	131.2
77	49.2	41.6	62.4
79	49.0	40.6	60.8

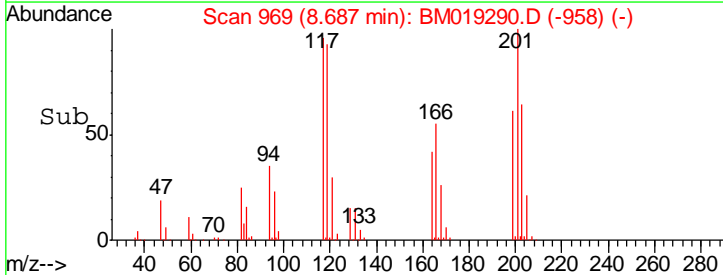
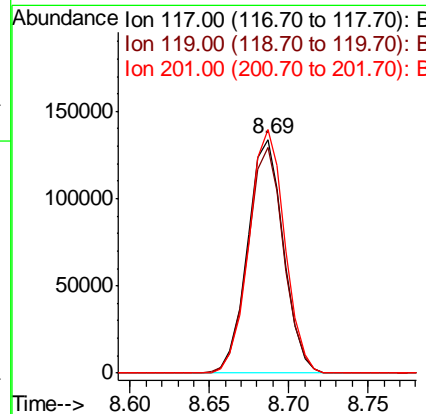
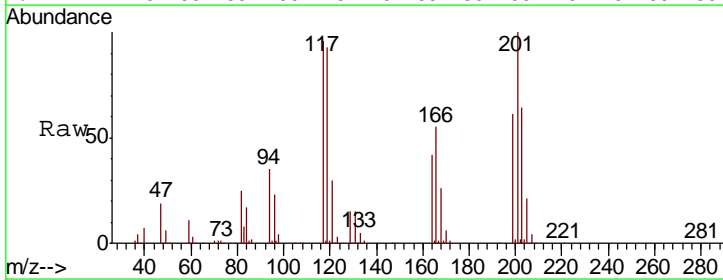
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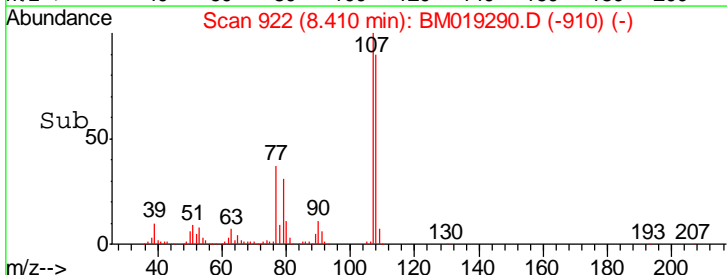
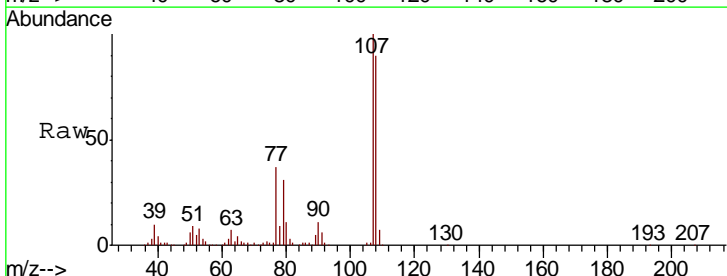
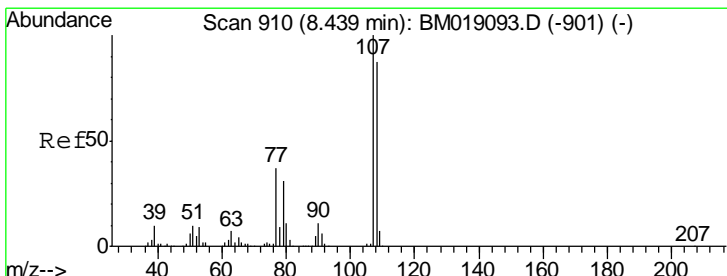
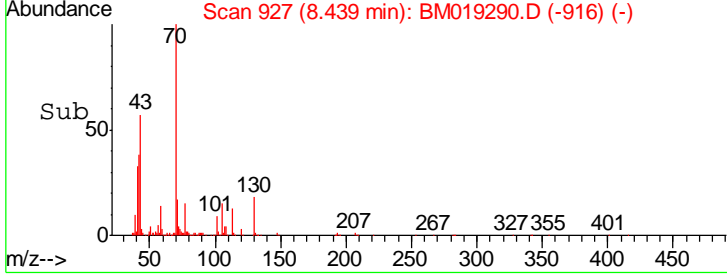
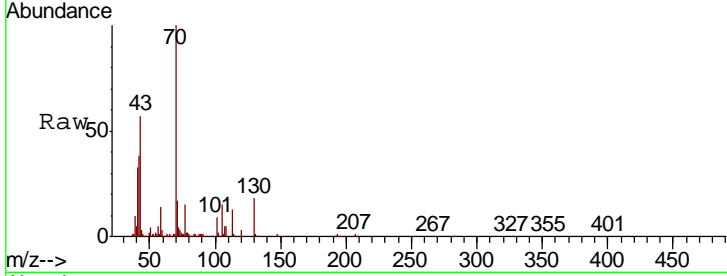
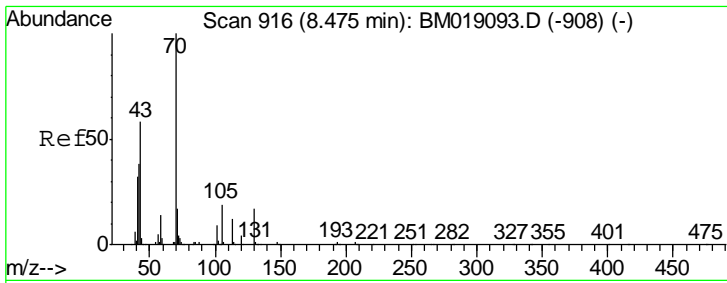
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#18  
 Hexachloroethane  
 Concen: 37.396 ng  
 RT: 8.69 min Scan# 969  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

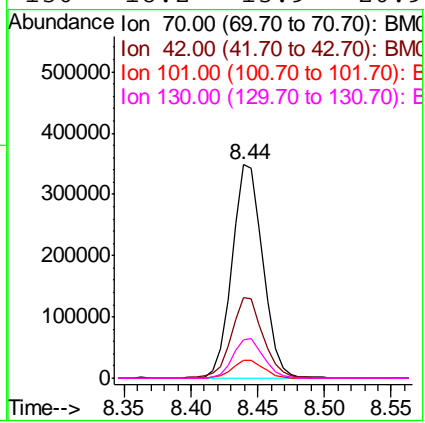
Tgt Ion	Resp	Lower	Upper
117	100		
119	96.4	77.4	116.2
201	104.2	75.2	112.8





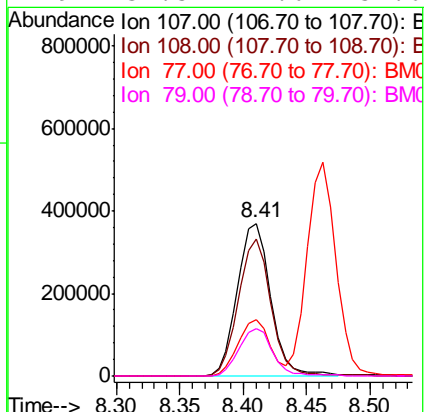
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 40.145 ng  
 RT: 8.44 min Scan# 927  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
70	100		
42	37.6	30.6	45.8
101	8.7	6.8	10.2
130	18.2	13.9	20.9



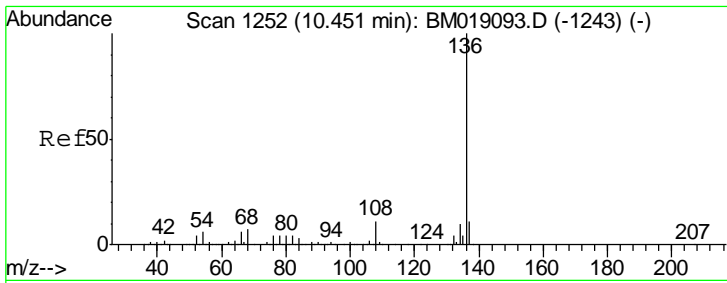
#20  
 3+4-Methylphenols  
 Concen: 41.619 ng  
 RT: 8.41 min Scan# 922  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
107	100		
108	90.1	67.0	107.0
77	36.9	17.3	57.3
79	31.5	11.6	51.6



Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

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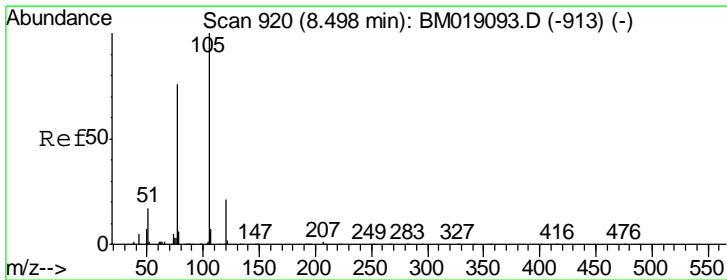
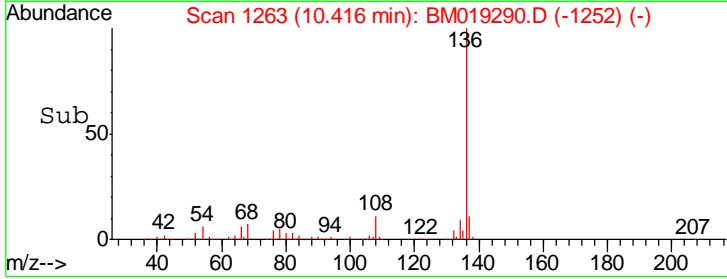
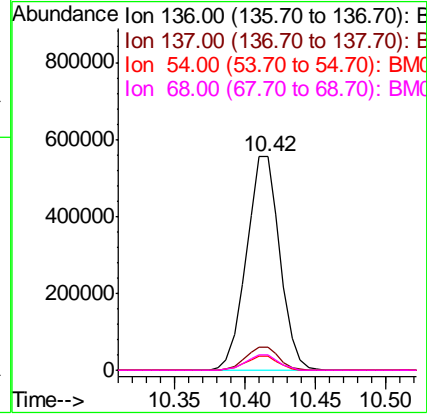
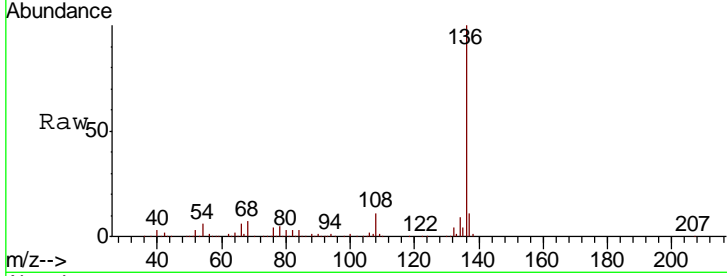
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.42 min Scan# 1263  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.2	7.8
68	7.1	5.8	8.8

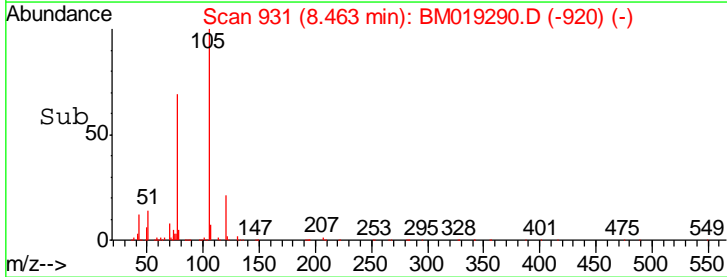
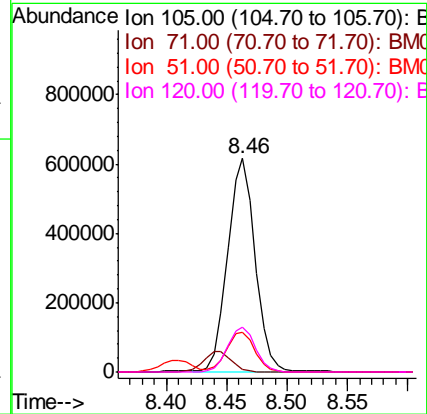
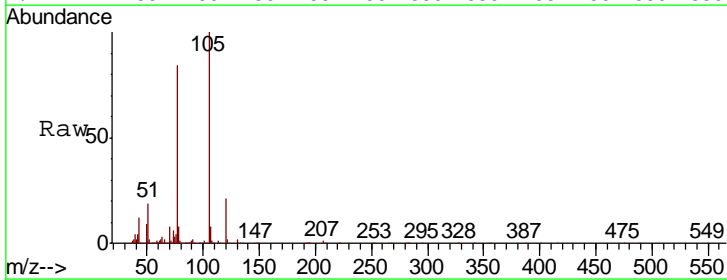
Manual Integrations  
 APPROVED

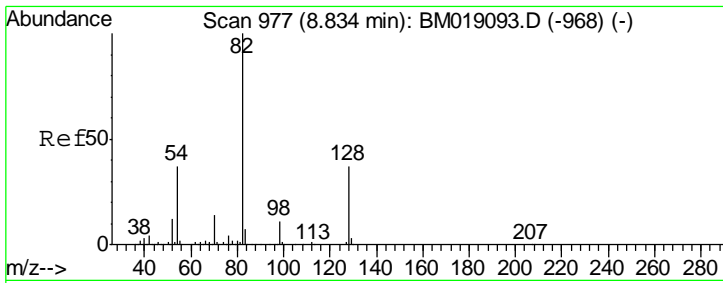
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#22  
 Acetophenone  
 Concen: 37.928 ng  
 RT: 8.46 min Scan# 931  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
105	100		
71	1.4	0.8	1.2#
51	18.7	15.8	23.6
120	21.3	17.0	25.4





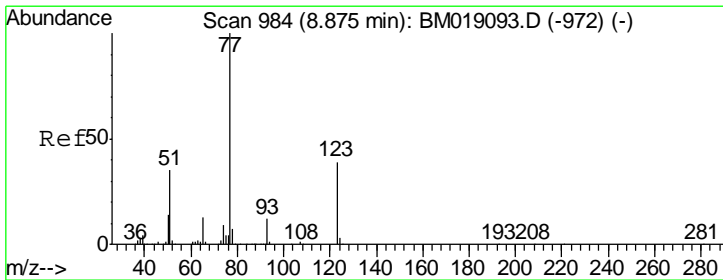
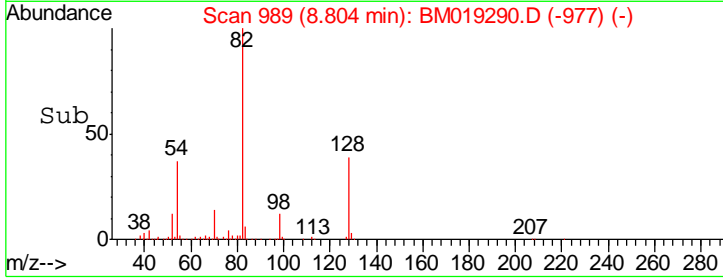
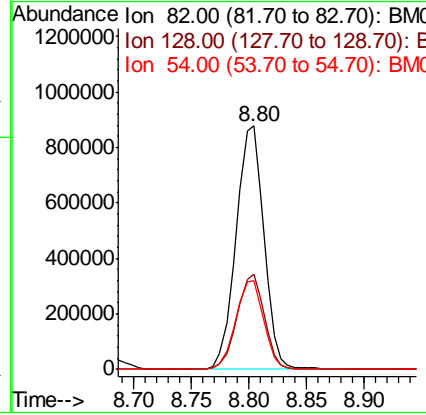
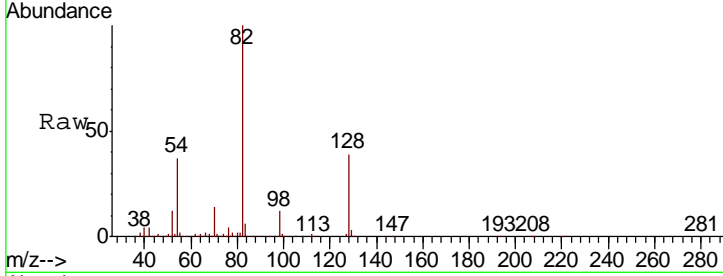
#23  
 Nitrobenzene-d5  
 Concen: 75.642 ng  
 RT: 8.80 min Scan# 989  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
82	1470362		
128	39.1	29.4	44.2
54	36.7	29.9	44.9

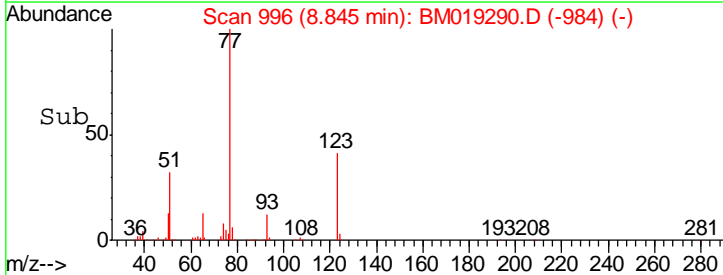
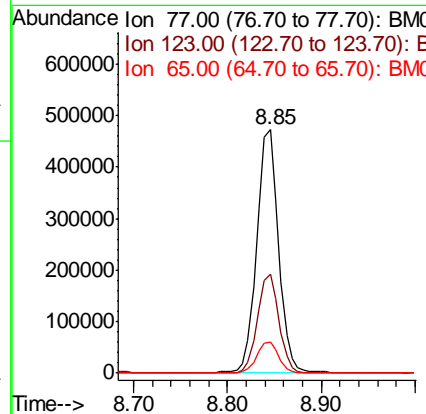
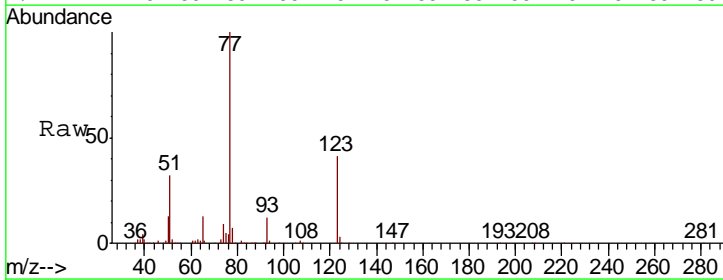
**Manual Integrations**  
**APPROVED**

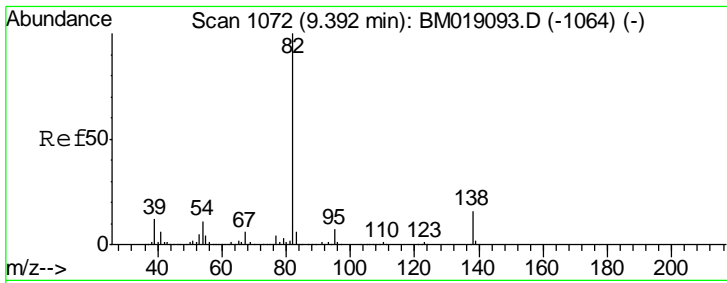
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#24  
 Nitrobenzene  
 Concen: 37.668 ng  
 RT: 8.85 min Scan# 996  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
77	761511		
123	40.7	31.3	46.9
65	12.6	10.5	15.7





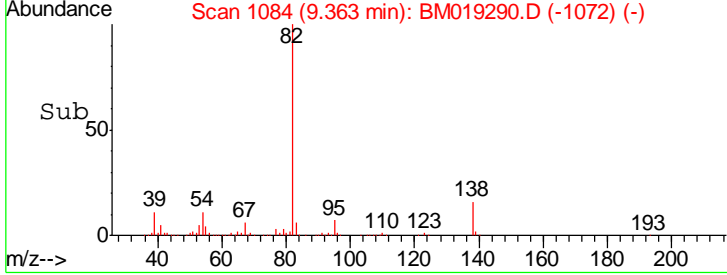
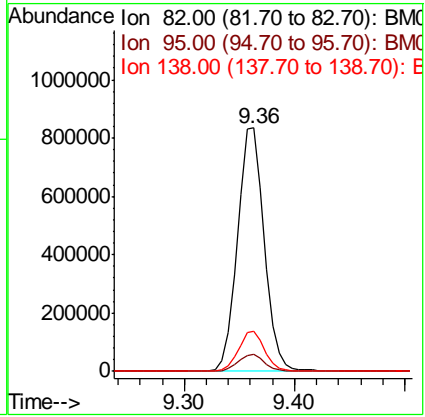
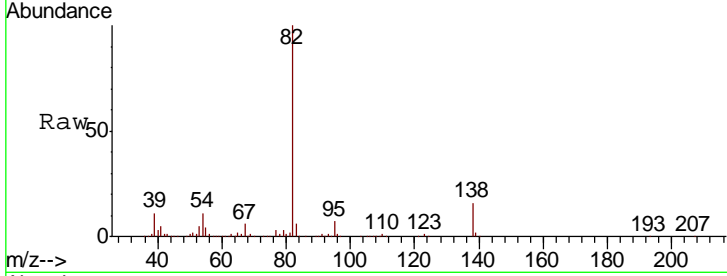
#25  
 Isophorone  
 Concen: 38.399 ng  
 RT: 9.36 min Scan# 1084  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion: 82 Resp: 1424262

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.4	12.6	18.8

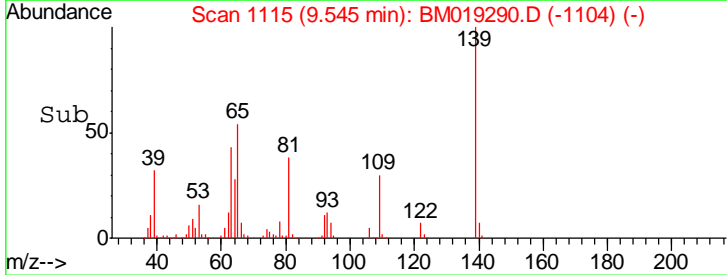
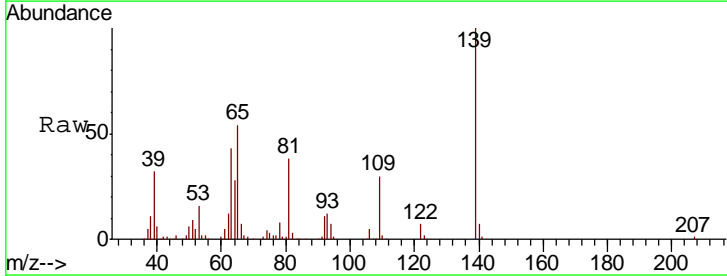
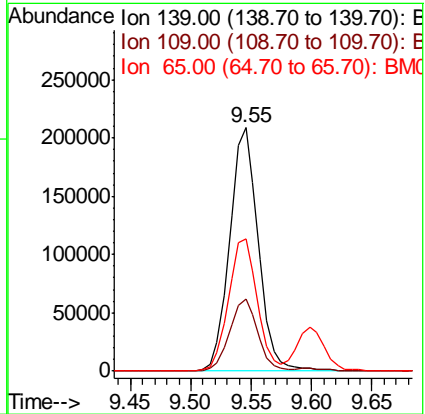
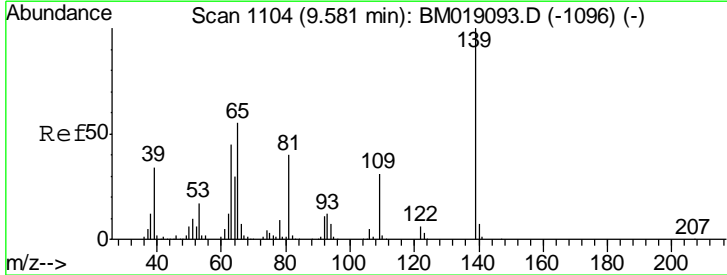
**Manual Integrations**  
**APPROVED**  
 Sohil  
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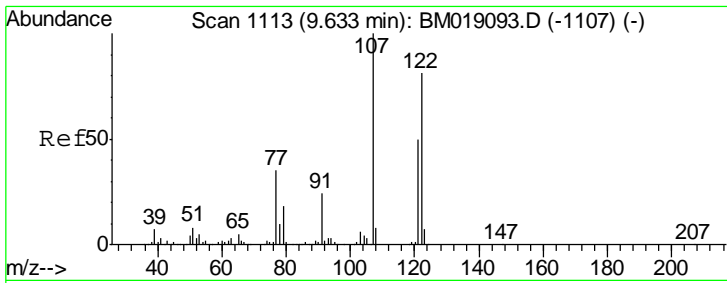
#26  
 2-Nitrophenol  
 Concen: 41.075 ng  
 RT: 9.55 min Scan# 1115  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion: 139 Resp: 344202

Ion	Ratio	Lower	Upper
139	100		
109	29.8	24.5	36.7
65	54.2	44.4	66.6





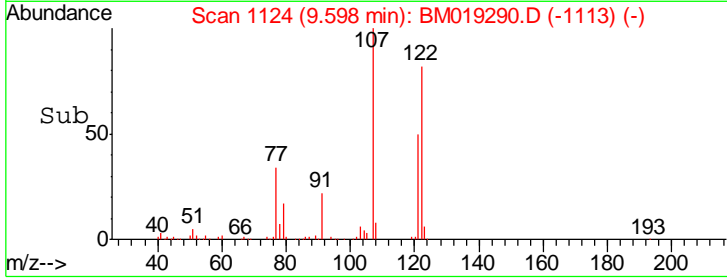
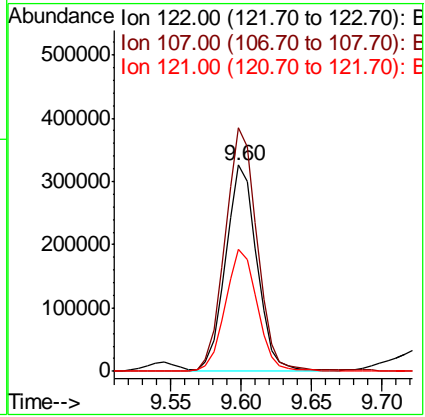
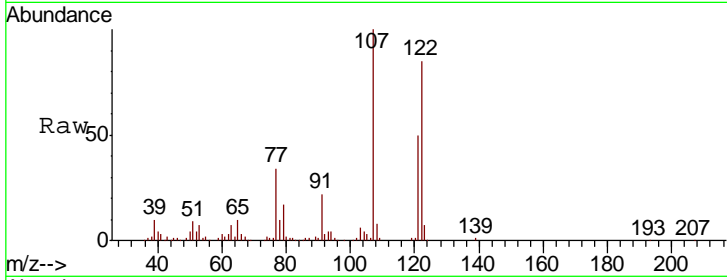


#27  
 2,4-Dimethylphenol  
 Concen: 40.019 ng  
 RT: 9.60 min Scan# 1124  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

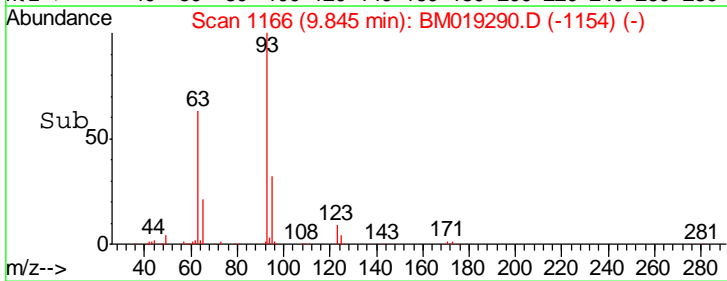
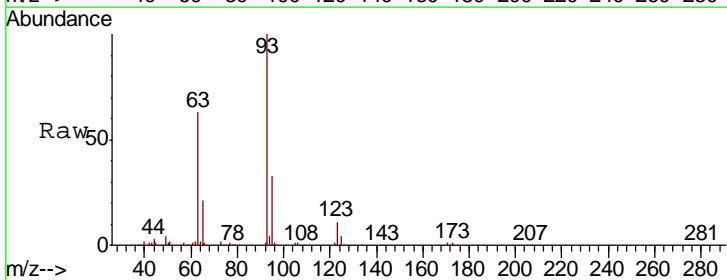
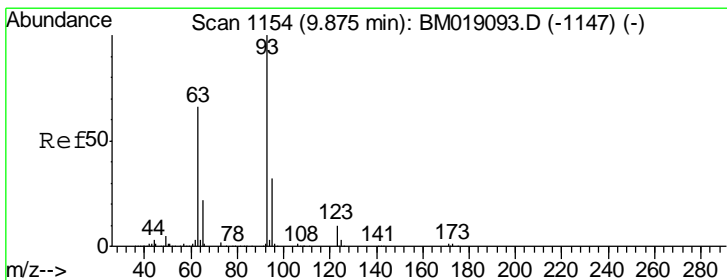
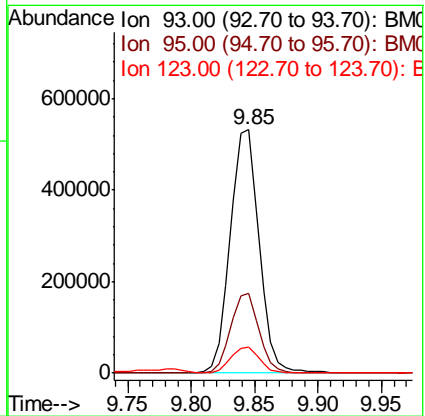
Tgt Ion	Resp	Lower	Upper
122	498544		
107	118.1	98.2	147.4
121	59.1	48.8	73.2

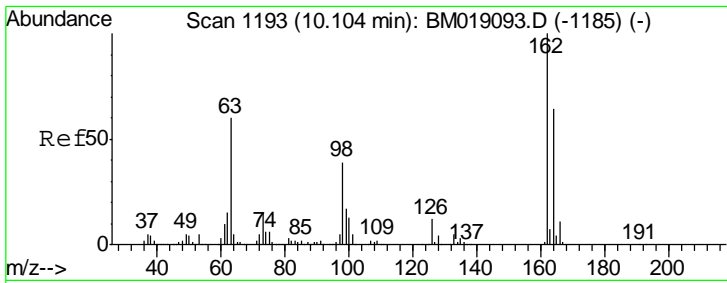
**Manual Integrations**  
**APPROVED**  
 Sohil  
 3/22/2019 3:45:34 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.155 ng  
 RT: 9.85 min Scan# 1166  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
93	837974		
95	32.5	25.8	38.8
123	10.8	7.9	11.9





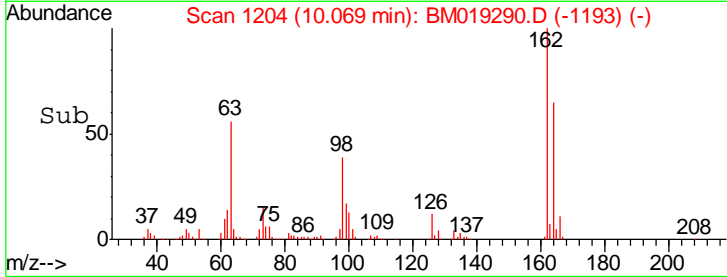
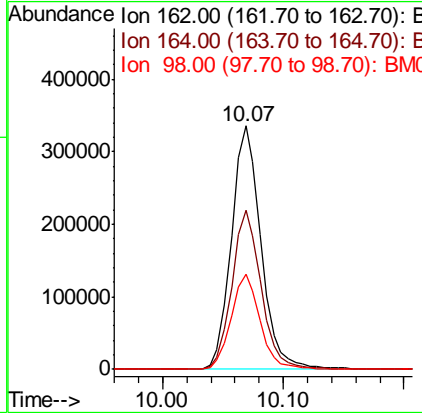
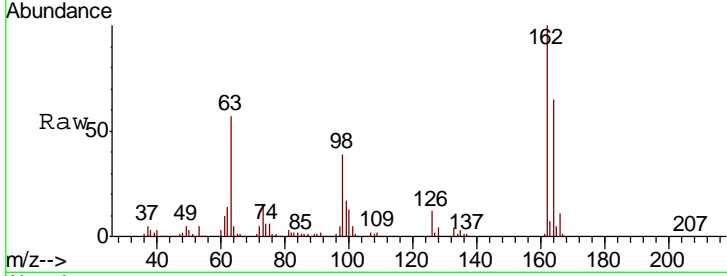
#29  
 2,4-Dichlorophenol  
 Concen: 41.466 ng  
 RT: 10.07 min Scan# 1204  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
162	100		
164	65.3	43.5	83.5
98	38.9	19.1	59.1

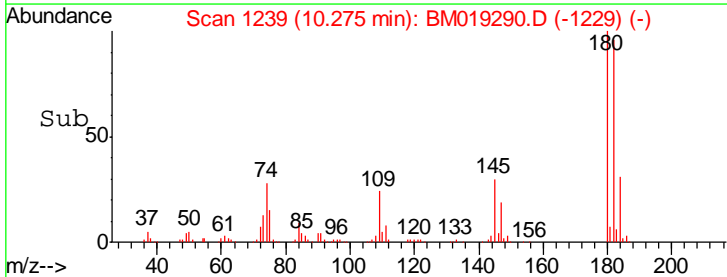
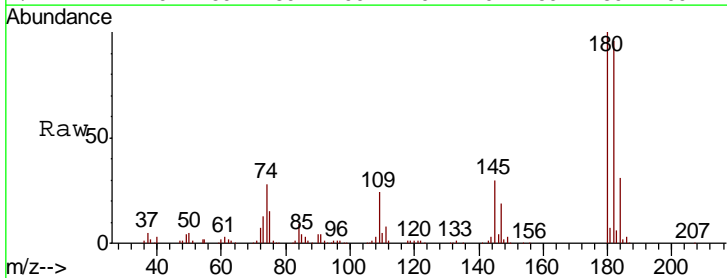
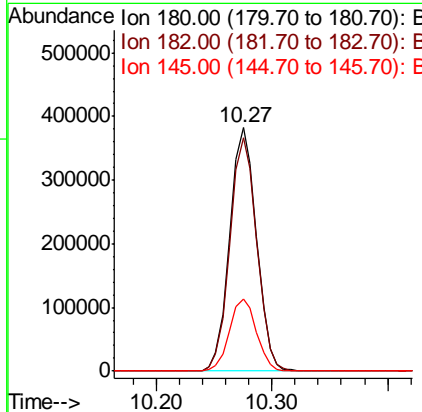
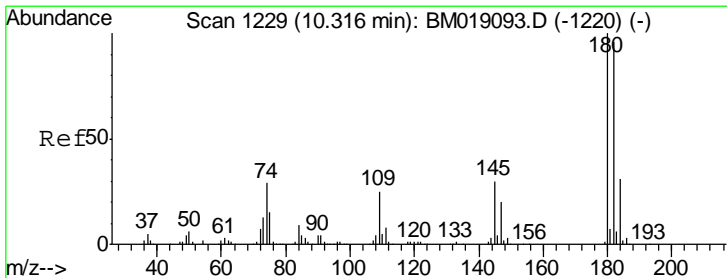
**Manual Integrations**  
**APPROVED**

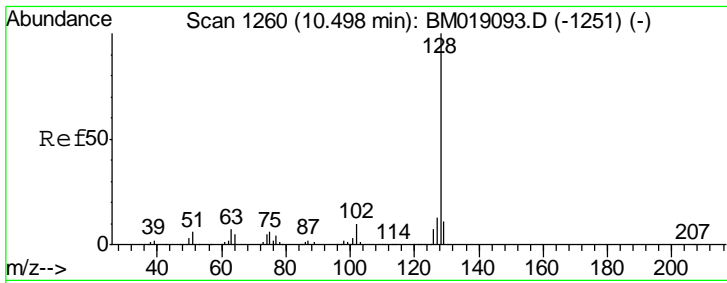
Sohil  
 3/22/2019 3:45:34 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.503 ng  
 RT: 10.27 min Scan# 1239  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.0	76.6	114.8
145	29.8	24.3	36.5





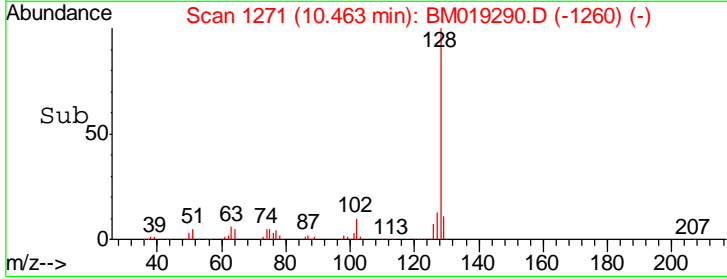
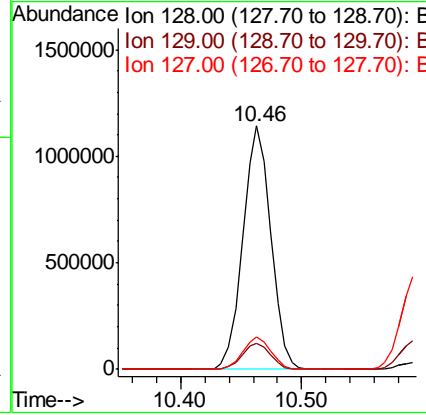
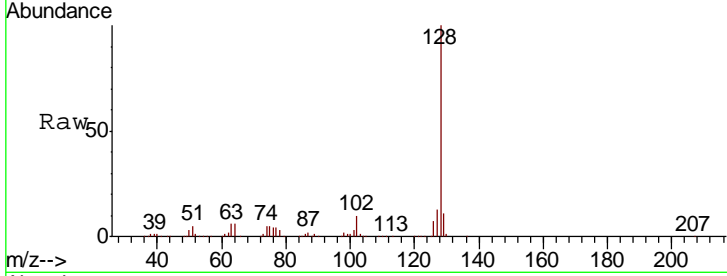
#31  
 Naphthalene  
 Concen: 37.995 ng  
 RT: 10.46 min Scan# 1271  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.2	10.4	15.6

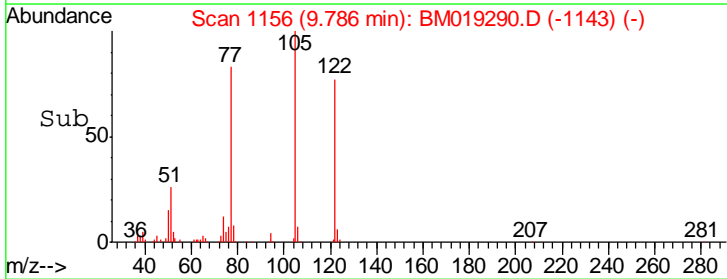
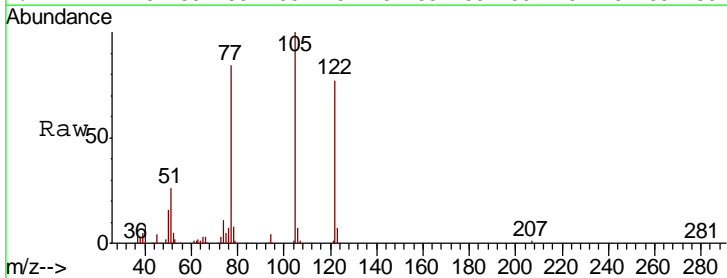
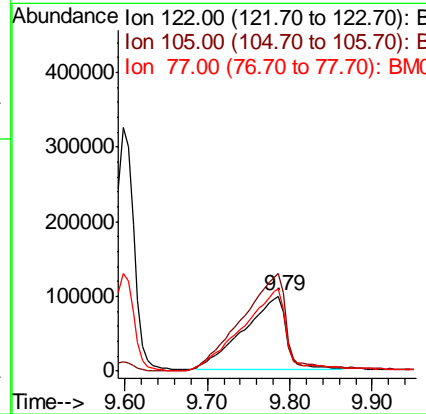
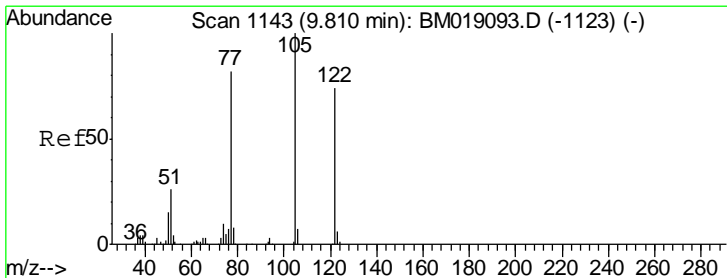
**Manual Integrations**  
**APPROVED**

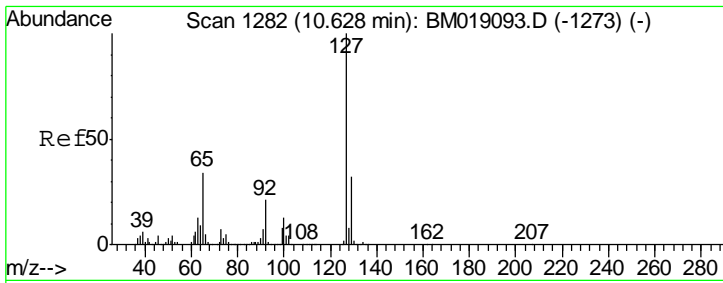
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 3/22/2019 3:45:34 PM



#32  
 Benzoic acid  
 Concen: 33.109 ng m  
 RT: 9.79 min Scan# 1156  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
122	100		
105	130.0	113.0	153.0
77	109.4	90.1	130.1



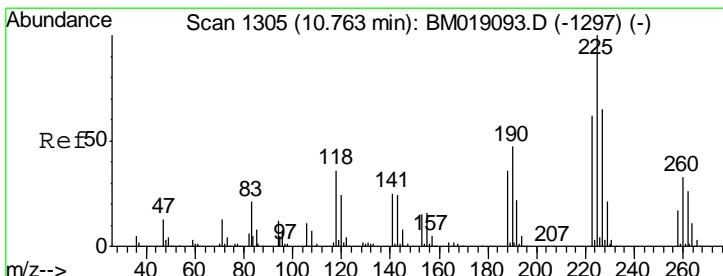
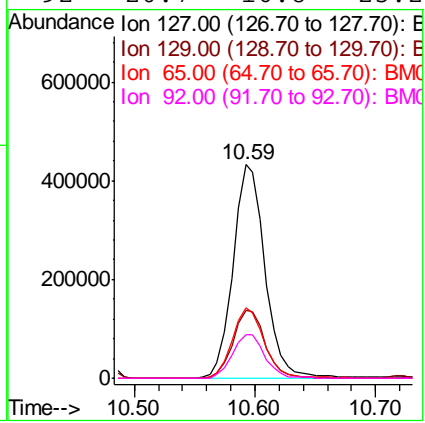
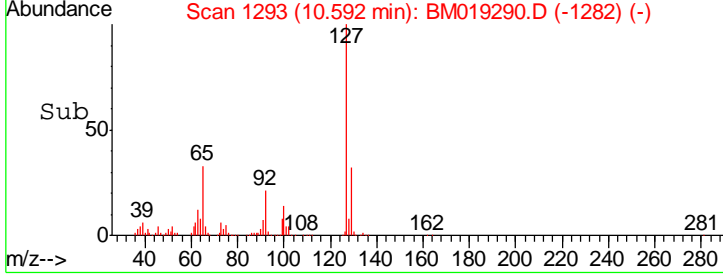
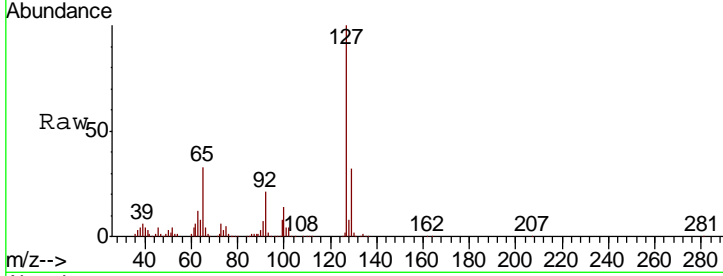


#33  
 4-Chloroaniline  
 Concen: 40.072 ng  
 RT: 10.59 min Scan# 1293  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

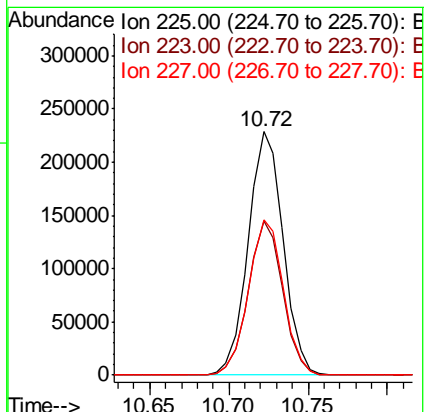
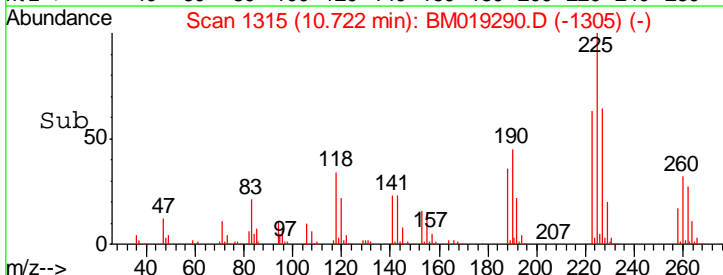
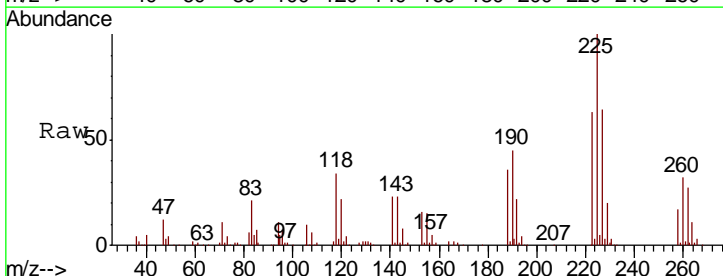
Tgt Ion	Resp	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	33.0	27.4	41.2
92	20.7	16.8	25.2

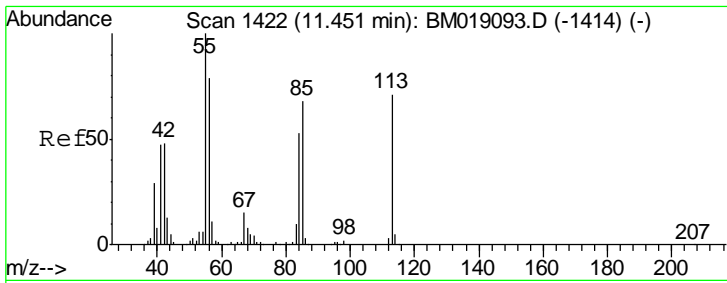
Manual Integrations  
**APPROVED**  
 Sohil  
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#34  
 Hexachlorobutadiene  
 Concen: 39.167 ng  
 RT: 10.72 min Scan# 1315  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
225	100		
223	63.2	49.4	74.0
227	63.7	51.6	77.4





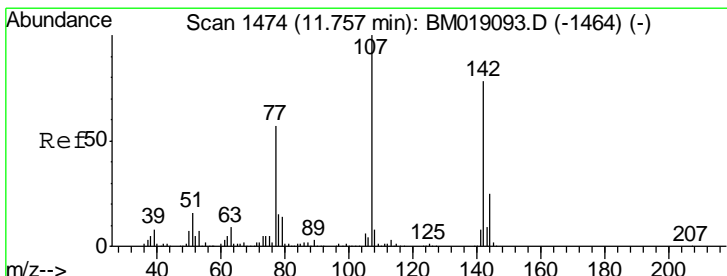
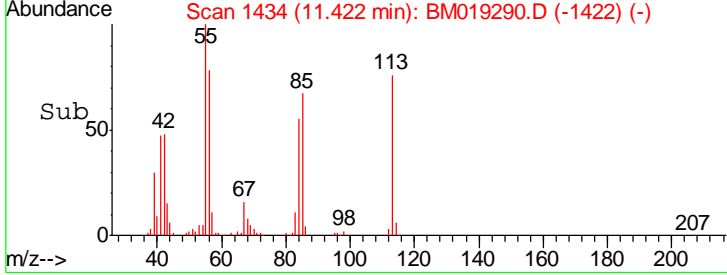
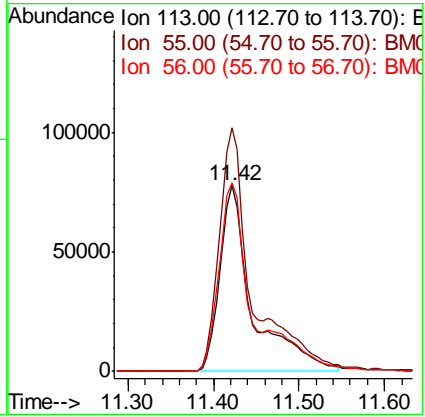
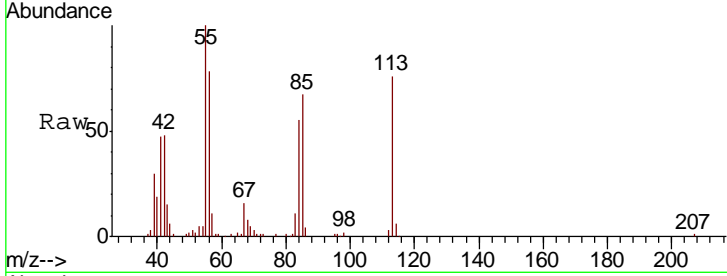
#35  
 Caprolactam  
 Concen: 41.698 ng/ml  
 RT: 11.42 min Scan# 1434  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 Client Sampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
113	100		
55	131.1	120.1	160.1
56	101.9	90.1	130.1

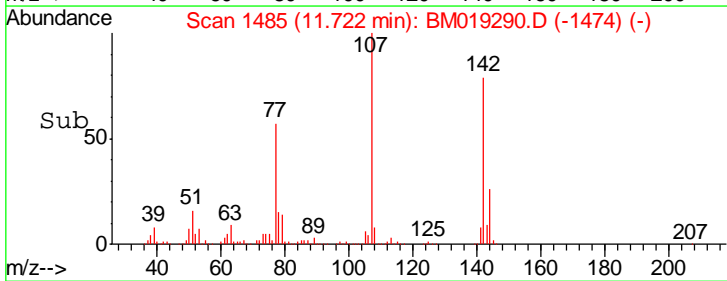
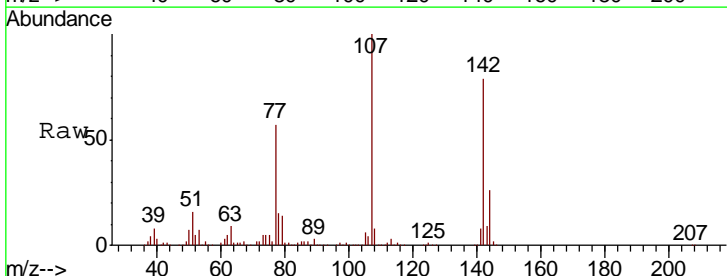
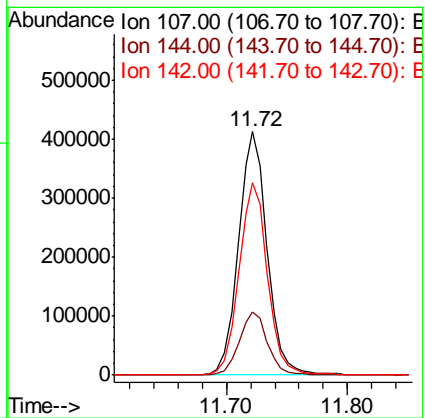
Manual Integrations  
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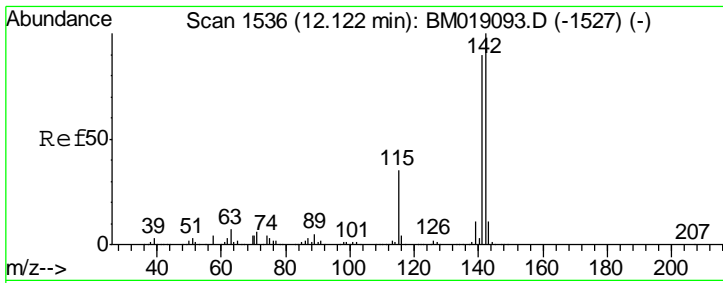
Sohil  
 3/22/2019 3:45:34 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.975 ng/ml  
 RT: 11.72 min Scan# 1485  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
107	100		
144	25.7	20.2	30.4
142	79.3	62.4	93.6





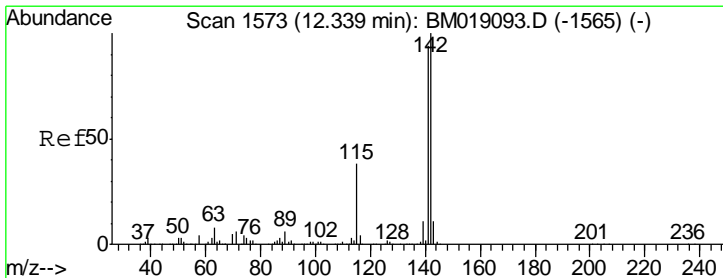
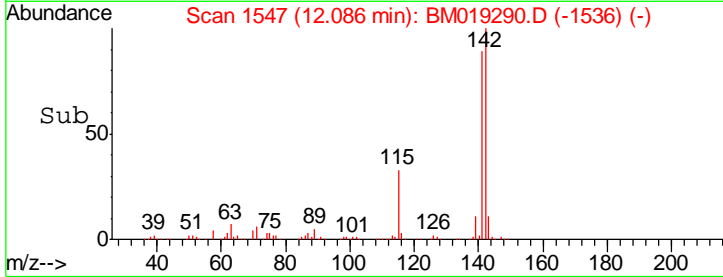
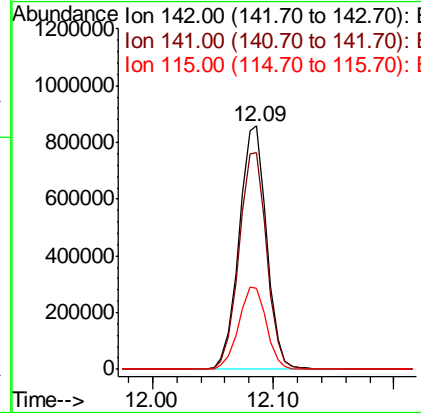
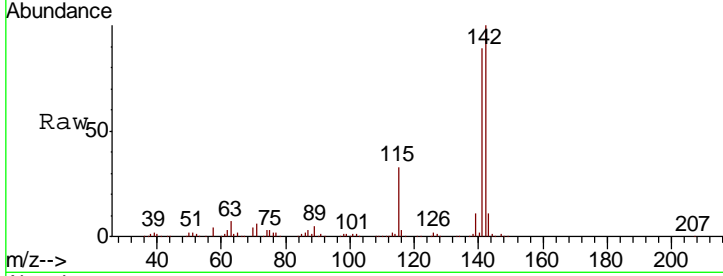
#37  
 2-Methylnaphthalene  
 Concen: 38.756 ng  
 RT: 12.09 min Scan# 1547  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
142	1363955		
141	89.1	72.3	108.5
115	33.3	27.8	41.8

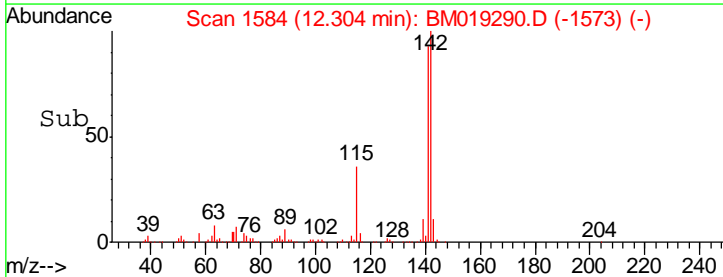
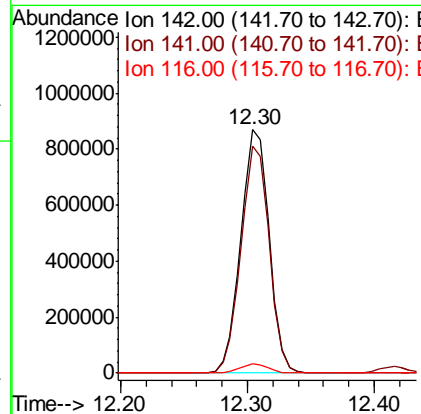
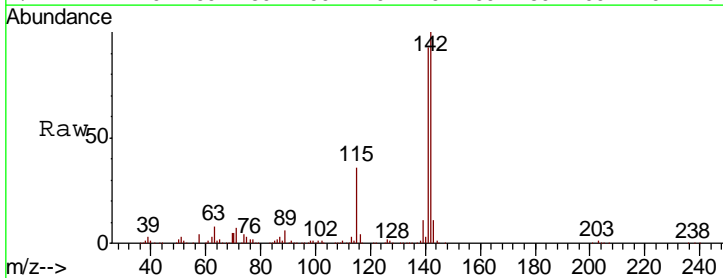
**Manual Integrations**  
**APPROVED**

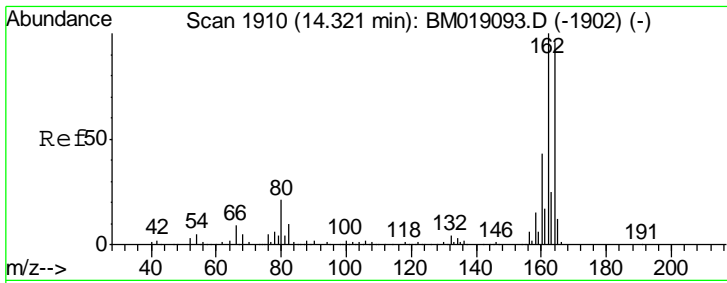
Sohil  
 3/22/2019 3:45:34 PM



#38  
 1-Methylnaphthalene  
 Concen: 38.665 ng  
 RT: 12.30 min Scan# 1584  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
142	1341242		
141	93.3	74.9	112.3
116	3.8	3.2	4.8





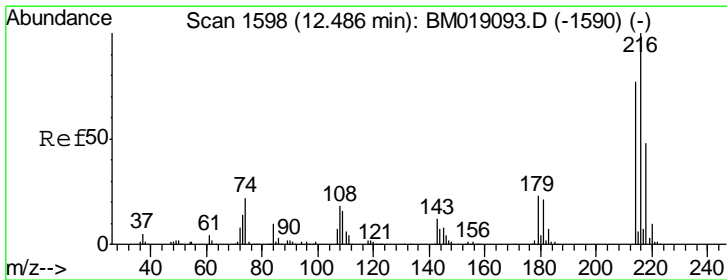
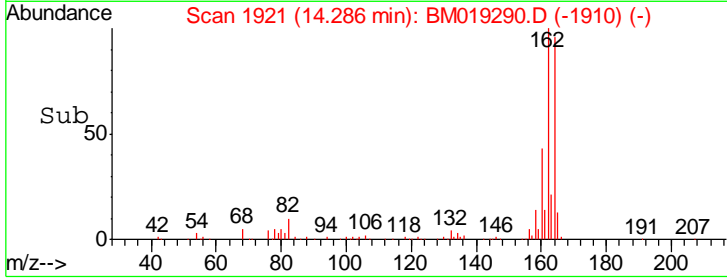
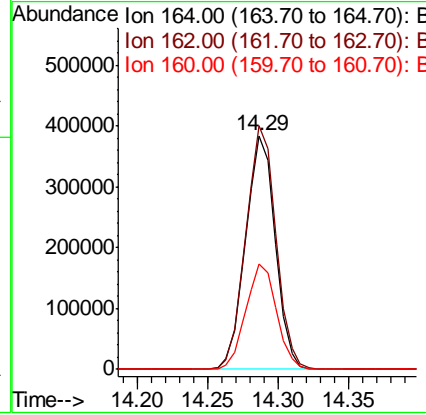
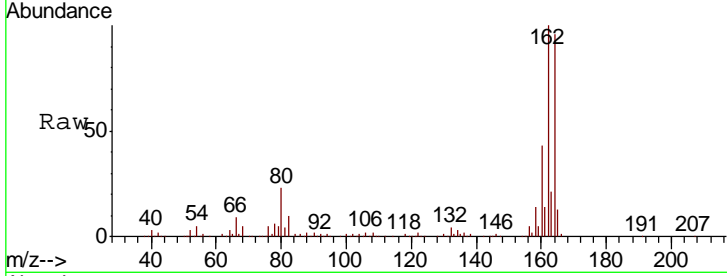
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.29 min Scan# 1921  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	44.9	36.3	54.5

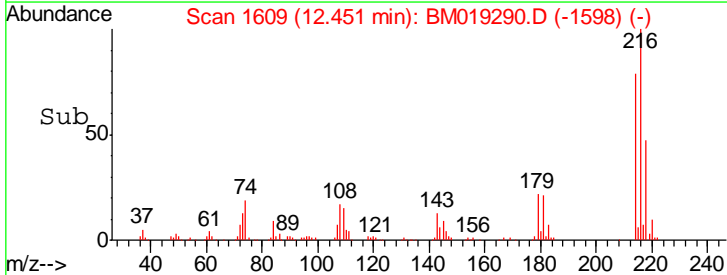
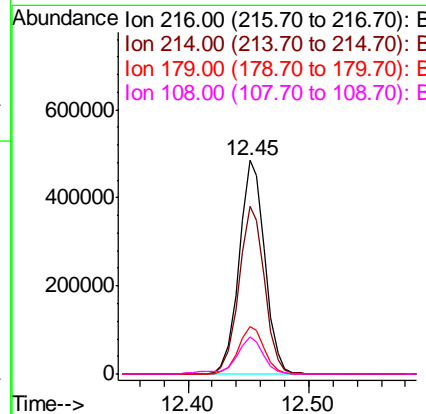
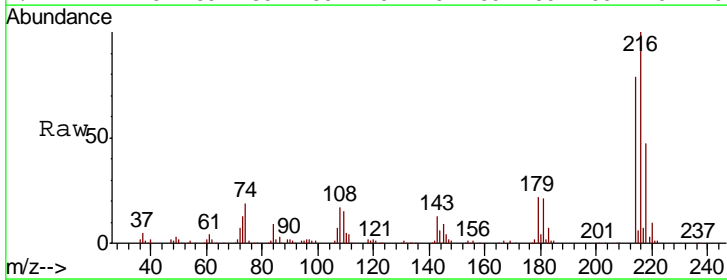
**Manual Integrations**  
**APPROVED**

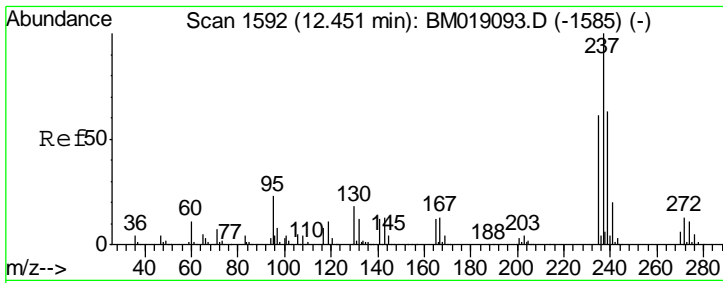
Sohil  
 3/22/2019 3:45:34 PM



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.985 ng  
 RT: 12.45 min Scan# 1609  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
216	100		
214	78.3	62.9	94.3
179	22.0	18.0	27.0
108	18.4	16.2	24.4





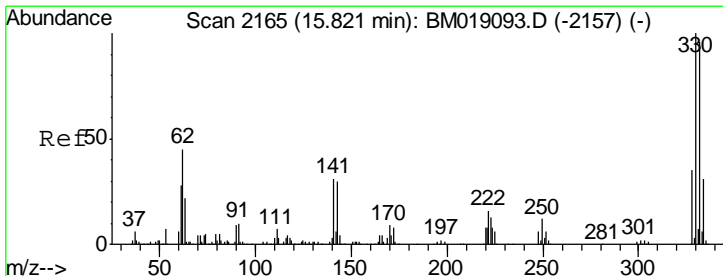
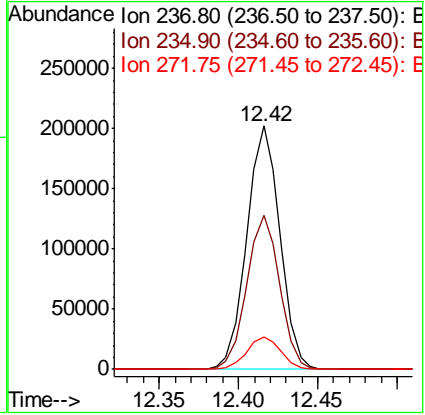
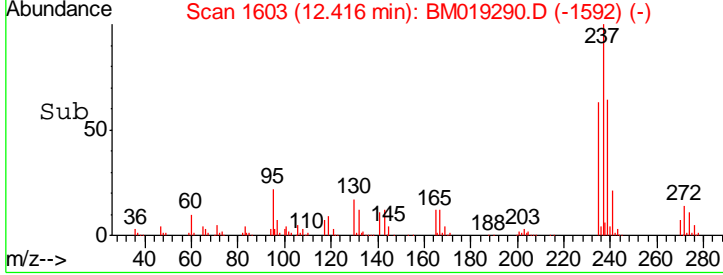
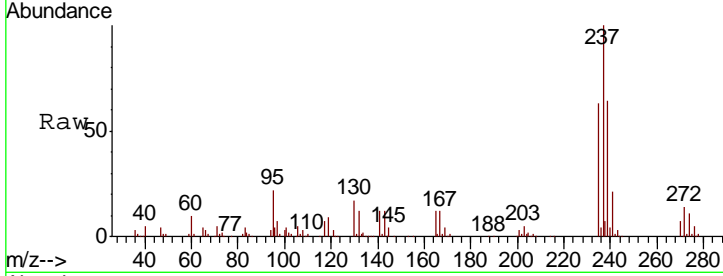
#41  
 Hexachlorocyclopentadiene  
 Concen: 36.132 ng  
 RT: 12.42 min Scan# 1603  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
237	100		
235	63.1	41.3	81.3
272	13.6	0.0	33.1

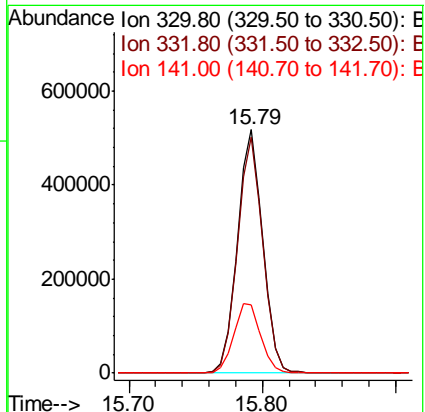
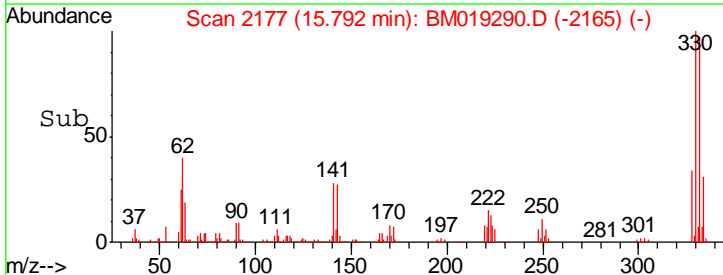
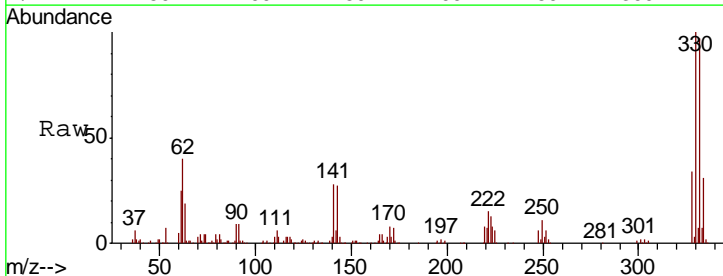
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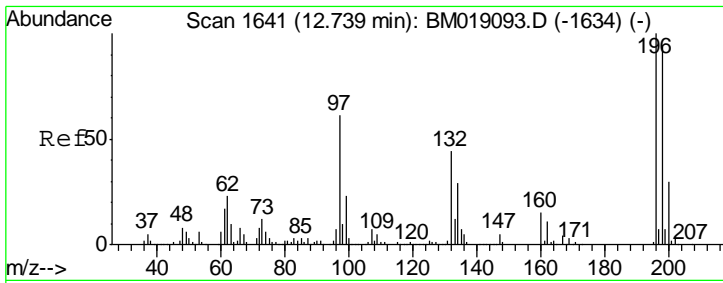


#42  
 2,4,6-Tribromophenol  
 Concen: 81.446 ng  
 RT: 15.79 min Scan# 2177  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	30.5	27.0	40.4





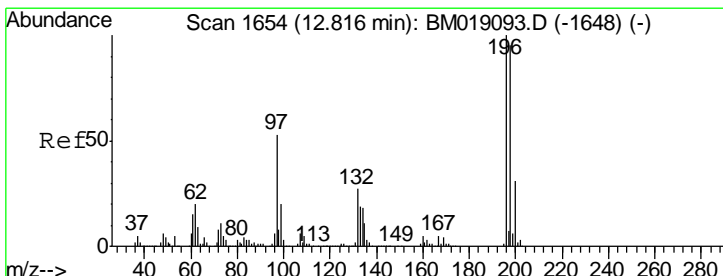
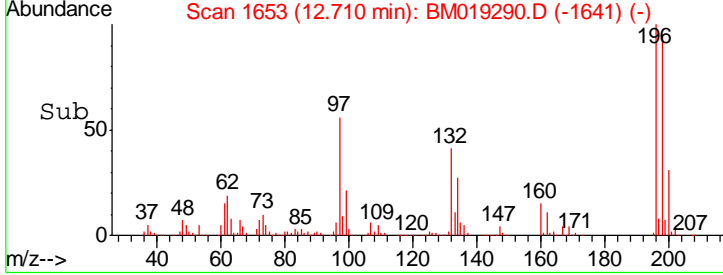
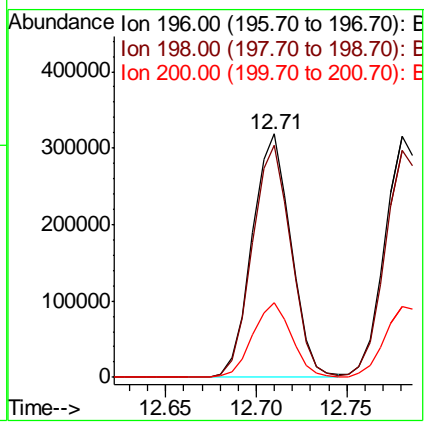
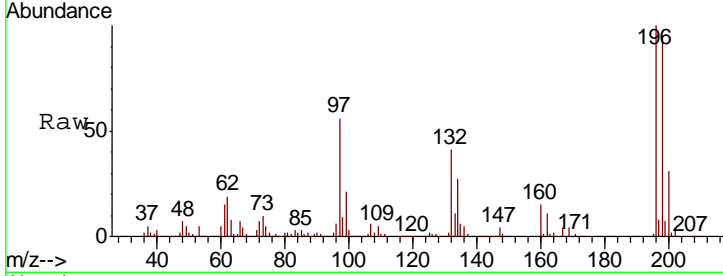


#43  
 2,4,6-Trichlorophenol  
 Concen: 40.997 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

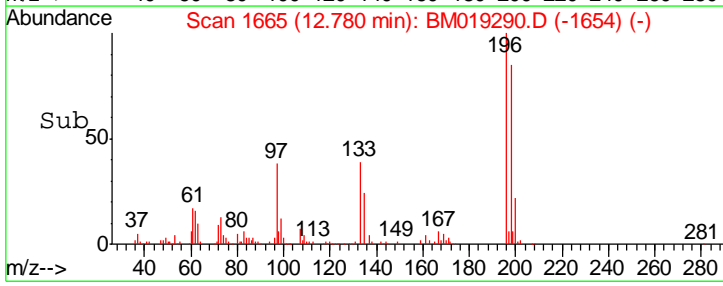
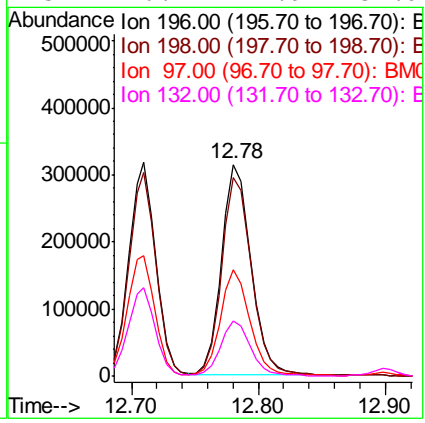
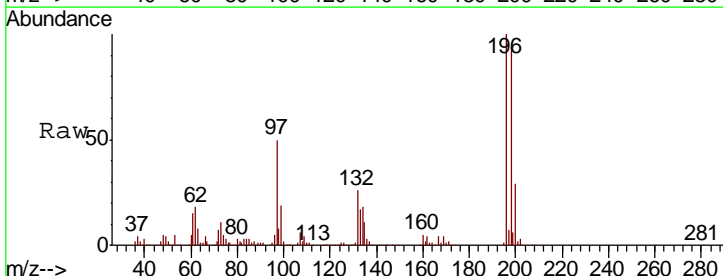
Tgt Ion	Resp	Lower	Upper
196	100		
198	95.3	75.4	113.0
200	30.8	24.2	36.2

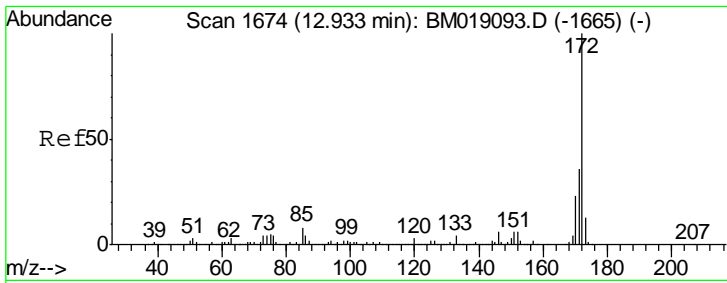
Manual Integrations  
**APPROVED**  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.129 ng  
 RT: 12.78 min Scan# 1665  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
196	100		
198	94.1	75.9	113.9
97	50.0	42.5	63.7
132	26.1	21.9	32.9



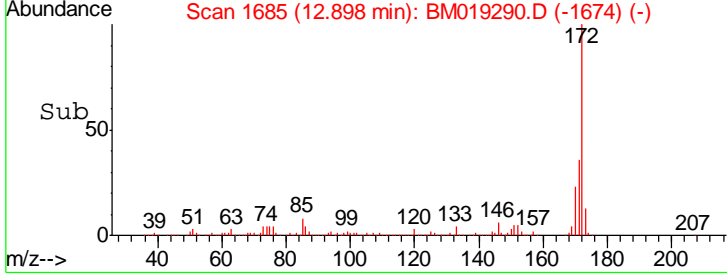
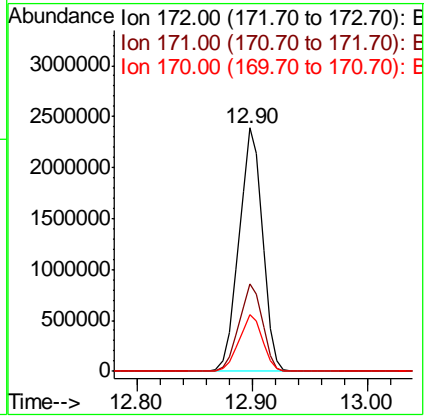
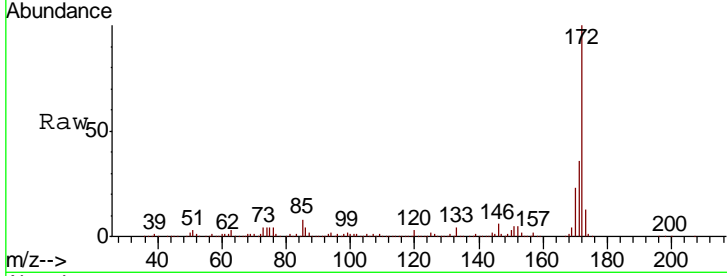


#45  
 2-Fluorobiphenyl  
 Concen: 77.416 ng  
 RT: 12.90 min Scan# 1685  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

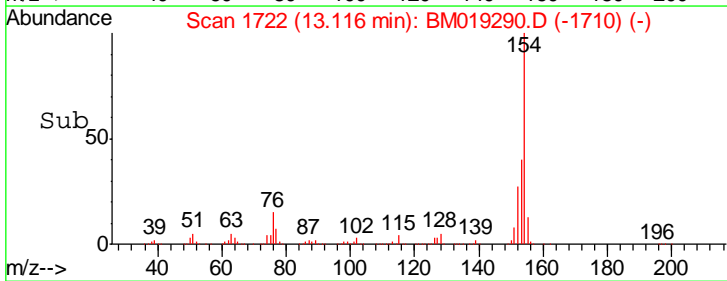
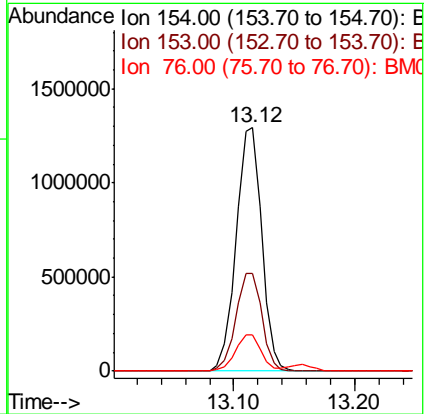
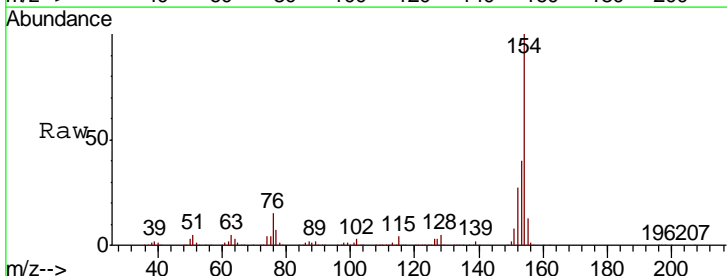
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.3	18.6	28.0

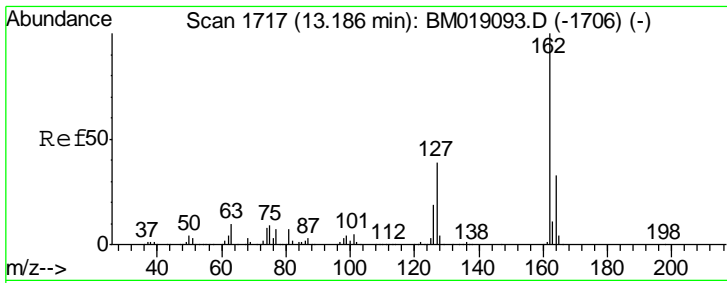
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#46  
 1,1'-Biphenyl  
 Concen: 38.786 ng  
 RT: 13.12 min Scan# 1722  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
154	100		
153	40.4	21.5	61.5
76	14.9	0.0	35.8





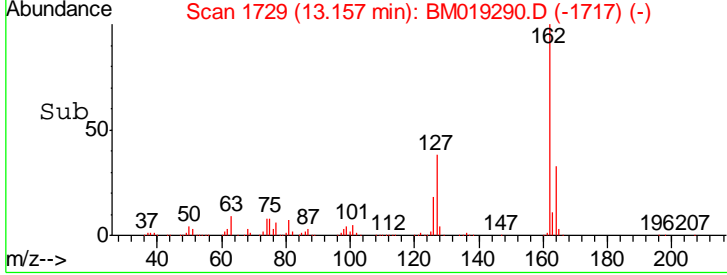
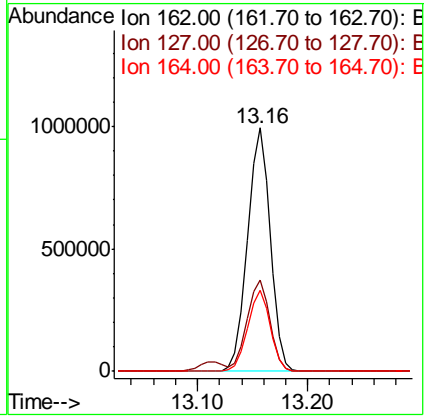
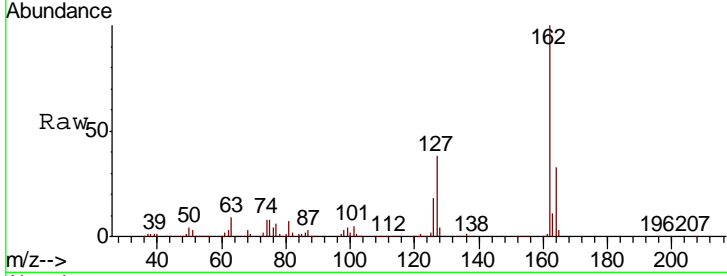
#47  
 2-Chloronaphthalene  
 Concen: 39.239 ng  
 RT: 13.16 min Scan# 1729  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
162	1446793		
127	37.7	31.2	46.8
164	33.1	26.3	39.5

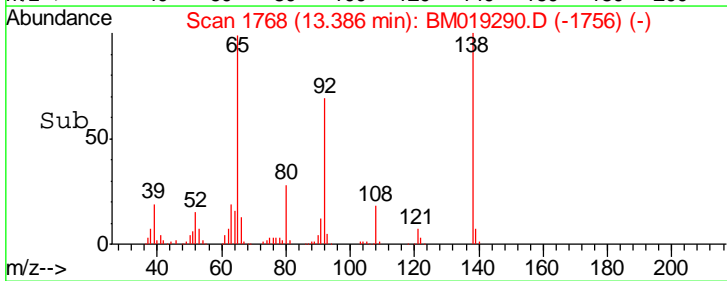
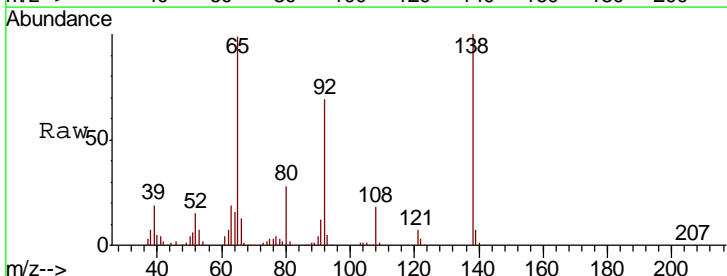
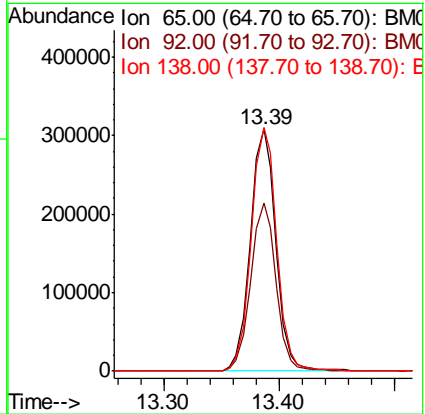
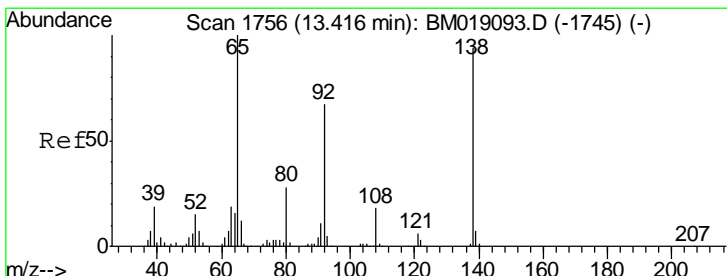
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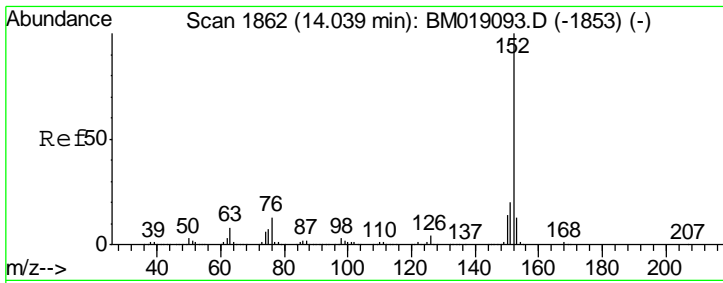
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#48  
 2-Nitroaniline  
 Concen: 38.381 ng  
 RT: 13.39 min Scan# 1768  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
65	474609		
92	69.4	53.4	80.2
138	100.6	74.9	112.3





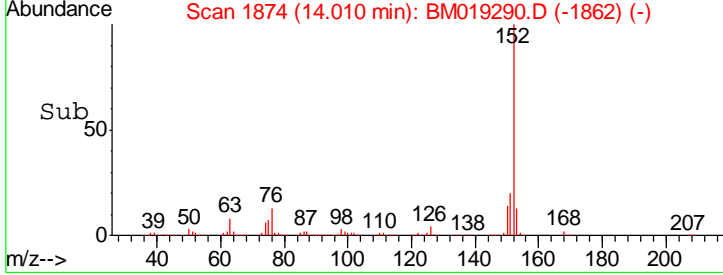
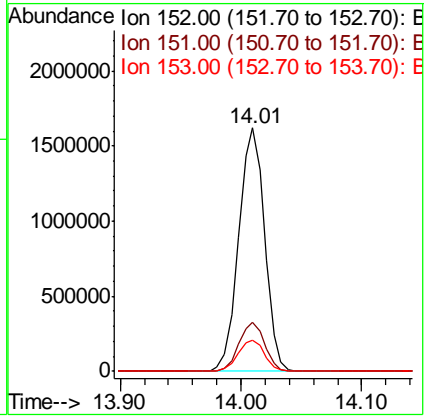
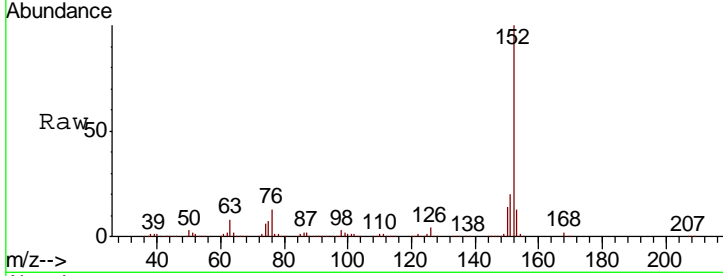
#49  
 Acenaphthylene  
 Concen: 38.925 ng  
 RT: 14.01 min Scan# 1874  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion:152 Resp: 2426786

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.9	10.6	15.8

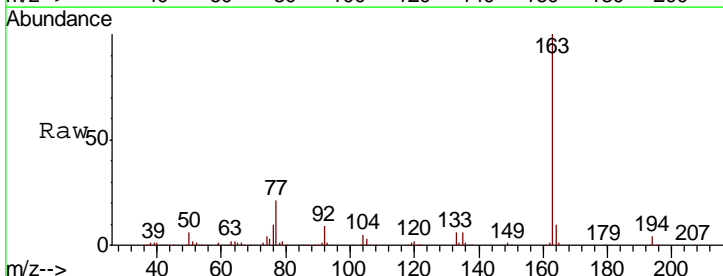
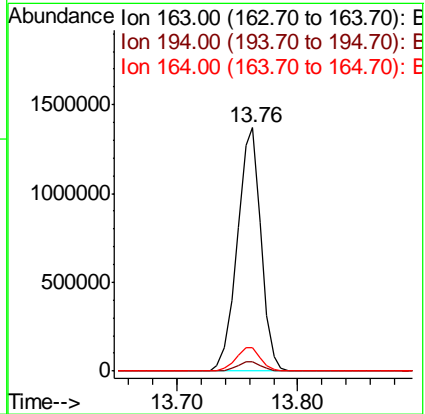
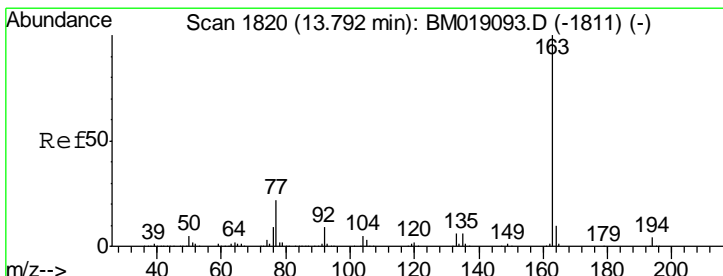
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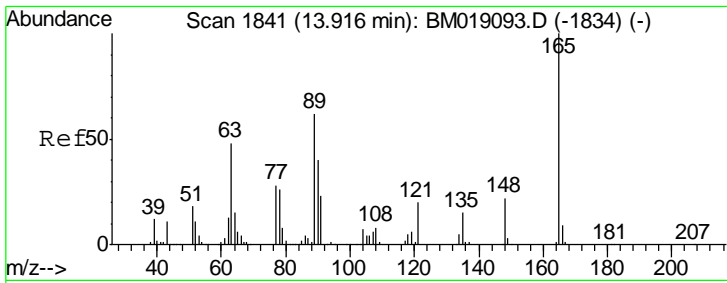


#50  
 Dimethylphthalate  
 Concen: 38.487 ng  
 RT: 13.76 min Scan# 1832  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion:163 Resp: 1862256

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	7.7	11.5





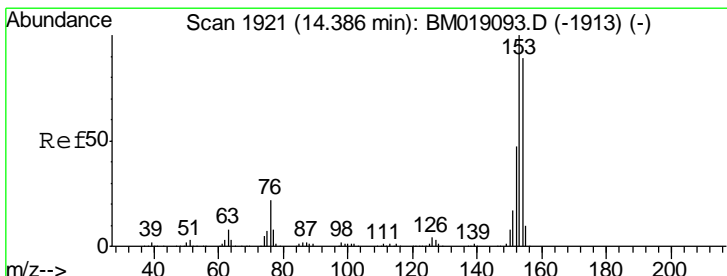
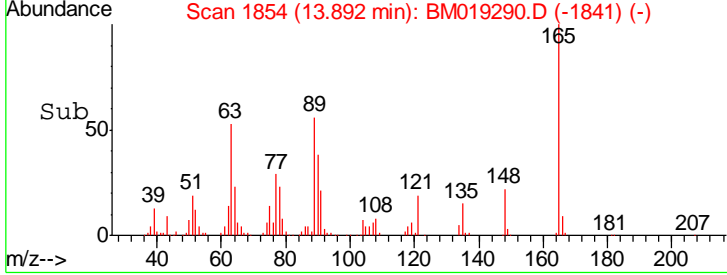
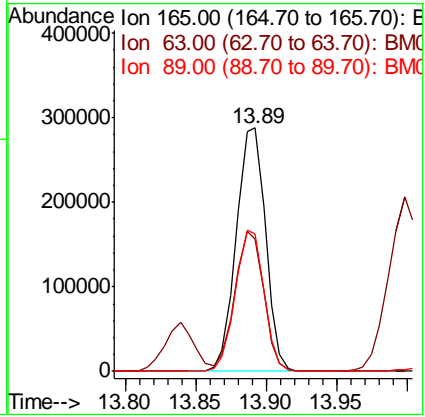
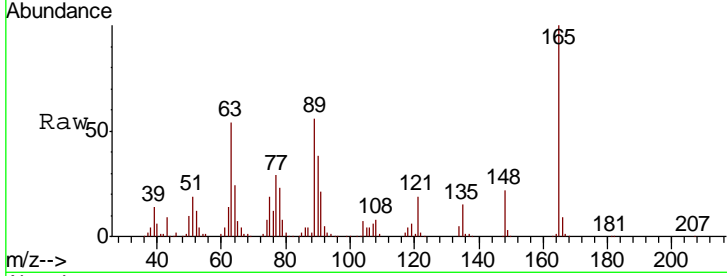
#51  
 2,6-Dinitrotoluene  
 Concen: 39.765 ng  
 RT: 13.89 min Scan# 1854  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
165	415933		
63	54.4	48.2	72.4
89	56.2	49.3	73.9

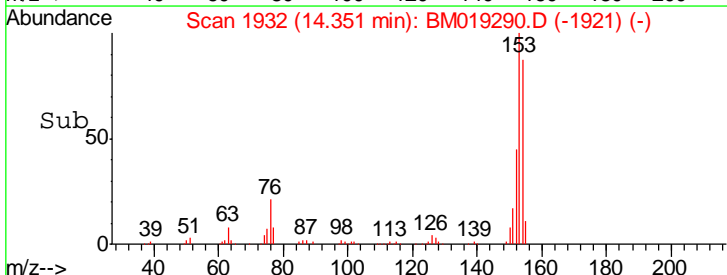
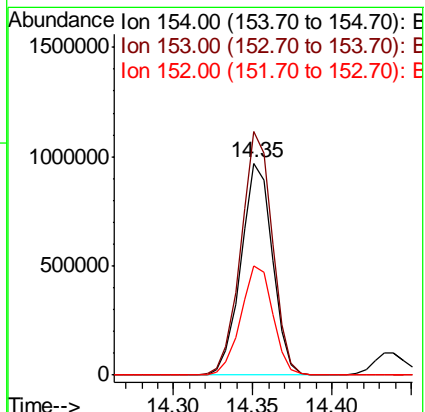
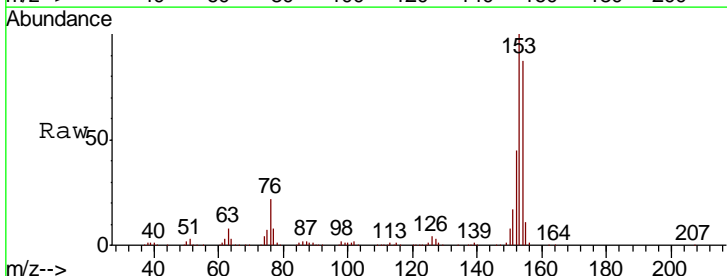
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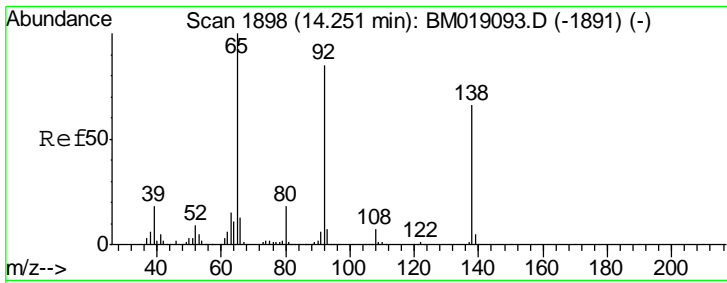
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#52  
 Acenaphthene  
 Concen: 37.353 ng  
 RT: 14.35 min Scan# 1932  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
154	1338127		
153	114.8	90.1	135.1
152	51.6	42.5	63.7





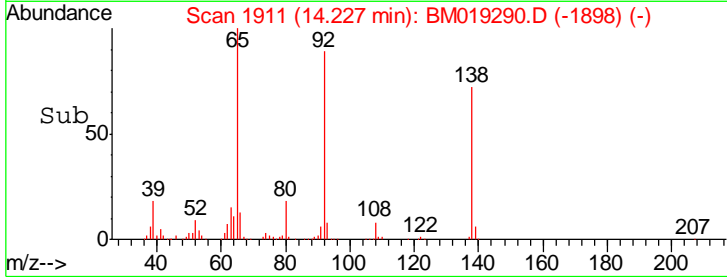
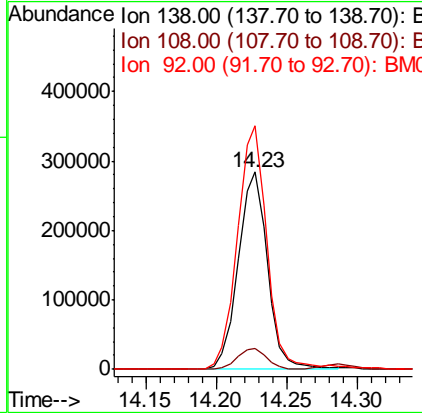
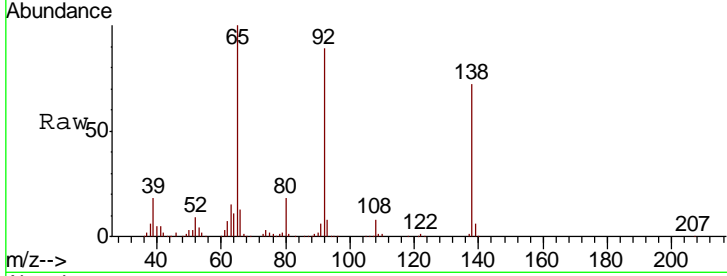
#53  
 3-Nitroaniline  
 Concen: 37.189 ng  
 RT: 14.23 min Scan# 1911  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
138	411990		
108	10.9	9.0	13.4
92	123.3	102.6	153.8

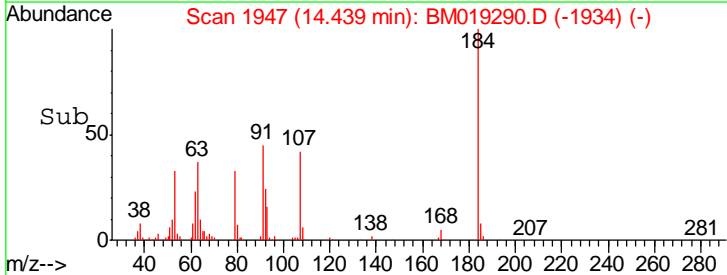
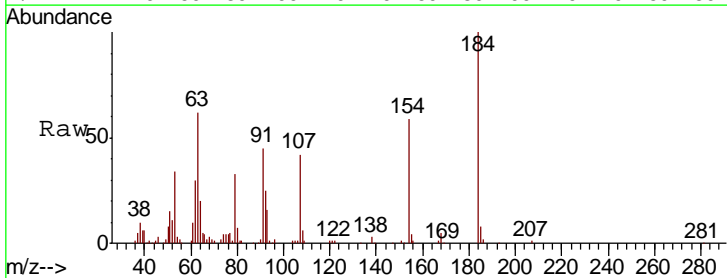
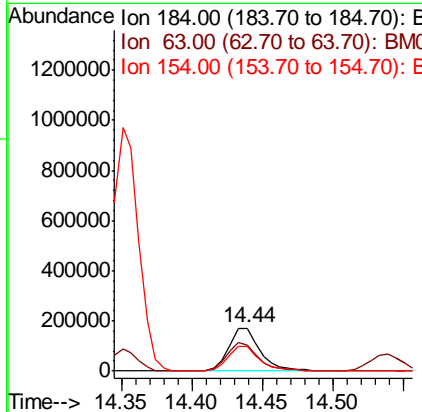
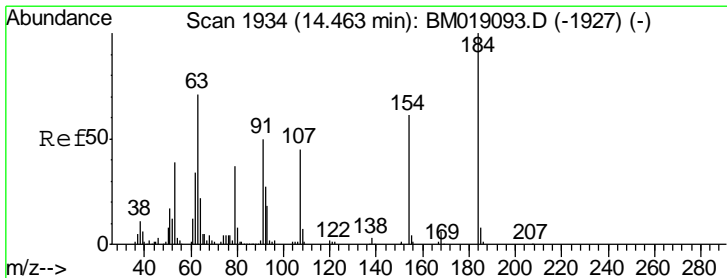
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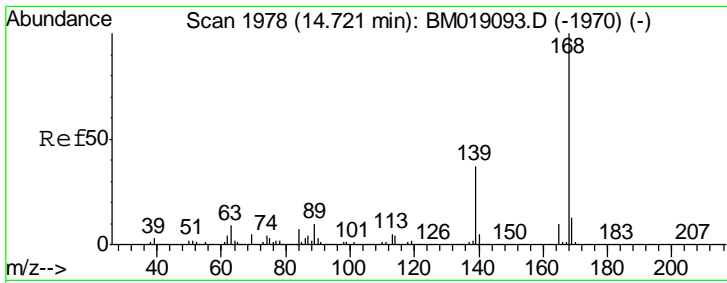
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#54  
 2,4-Dinitrophenol  
 Concen: 44.279 ng  
 RT: 14.44 min Scan# 1947  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
184	268975		
63	62.1	56.7	85.1
154	59.2	49.3	73.9





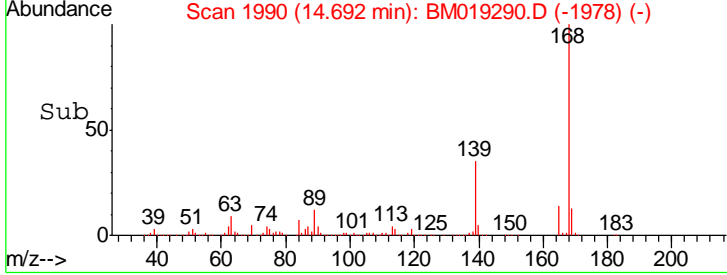
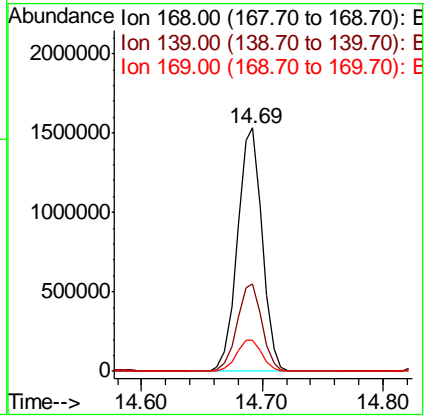
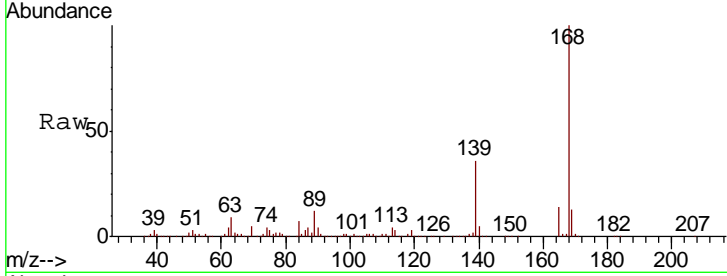
#55  
 Dibenzofuran  
 Concen: 37.681 ng  
 RT: 14.69 min Scan# 1990  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion:168 Resp: 2176949

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.1	45.1
169	13.1	10.6	16.0

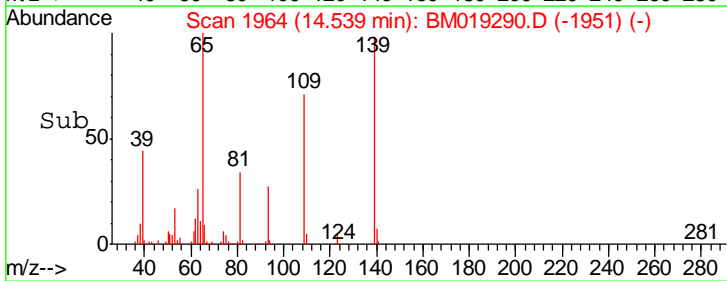
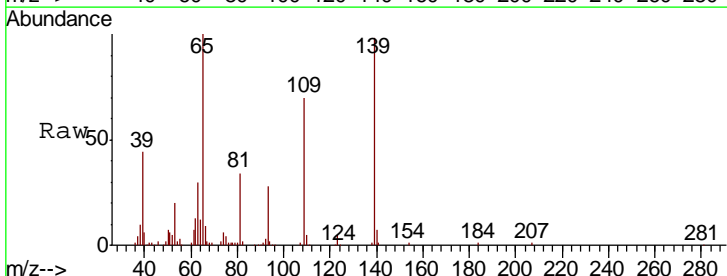
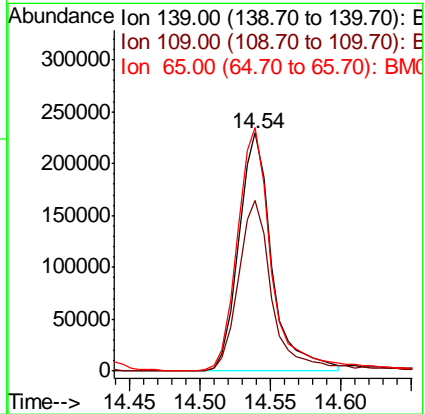
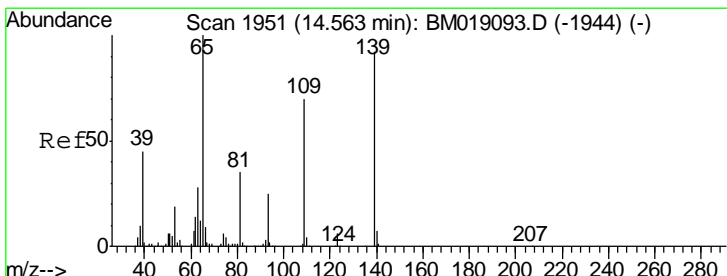
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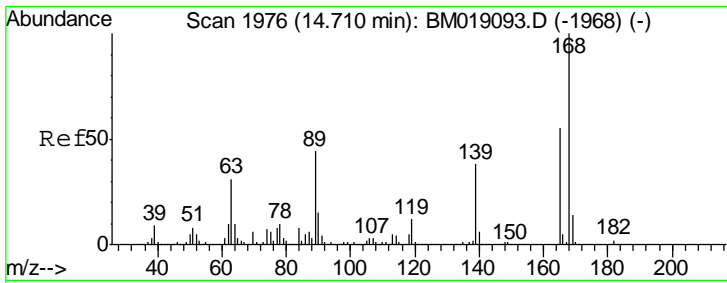


#56  
 4-Nitrophenol  
 Concen: 41.712 ng  
 RT: 14.54 min Scan# 1964  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion:139 Resp: 377289

Ion	Ratio	Lower	Upper
139	100		
109	71.8	56.3	96.3
65	102.2	89.2	129.2





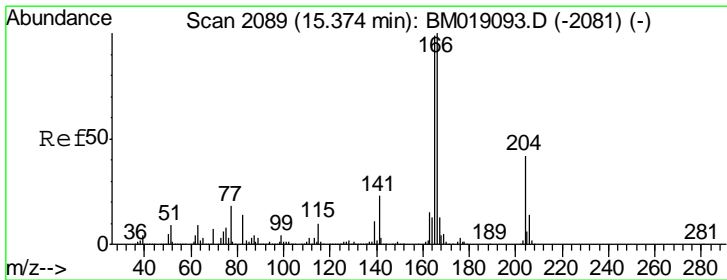
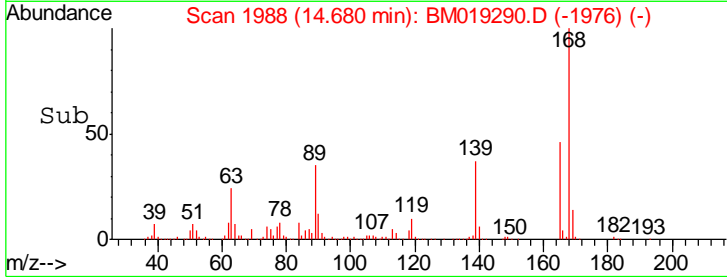
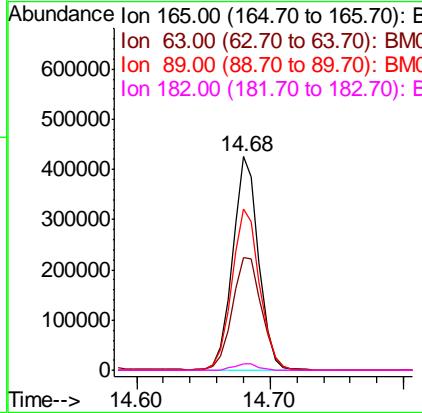
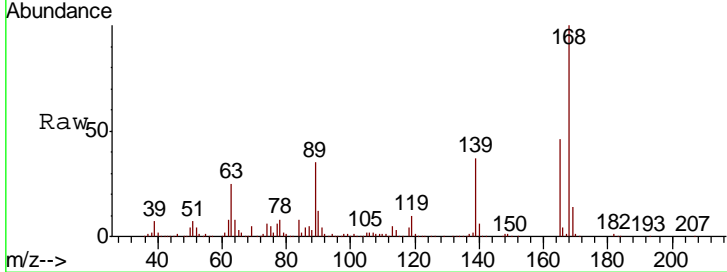
#57  
 2,4-Dinitrotoluene  
 Concen: 37.822 ng  
 RT: 14.68 min Scan# 1988  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
165	100		
63	52.9	44.7	67.1
89	75.5	63.4	95.2
182	2.8	2.3	3.5

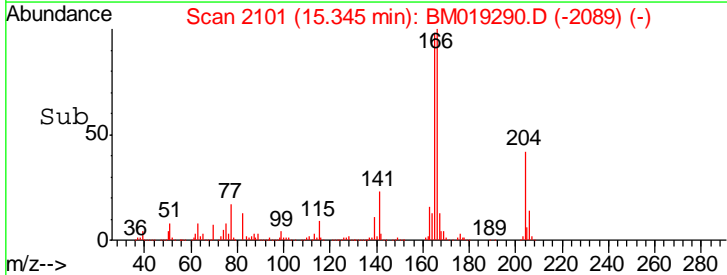
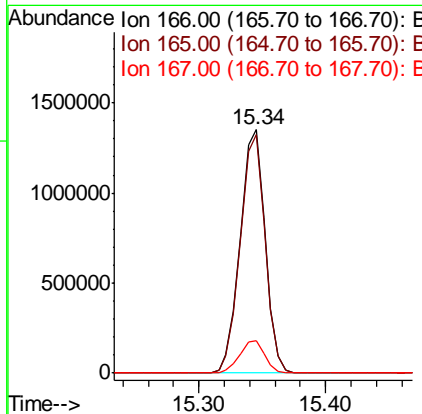
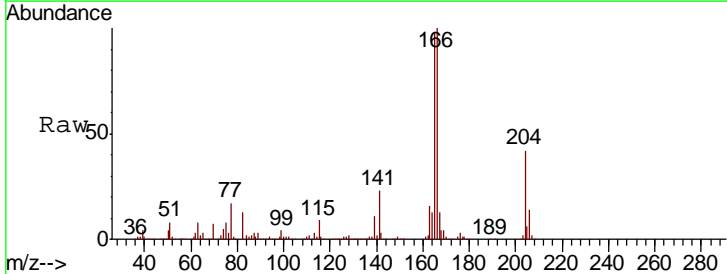
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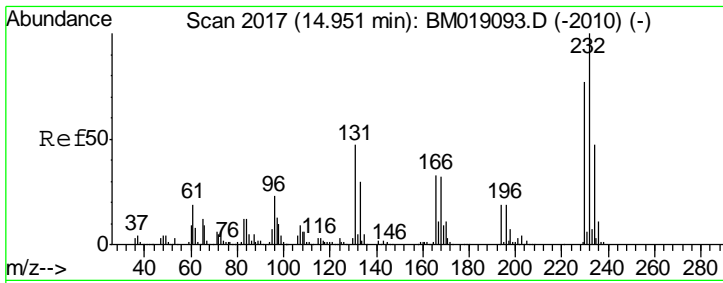


#58  
 Fluorene  
 Concen: 38.660 ng  
 RT: 15.34 min Scan# 2101  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.3	10.8	16.2







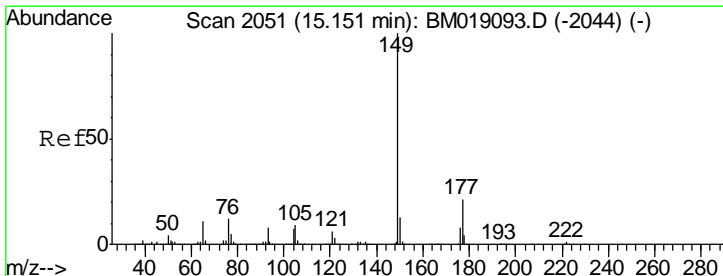
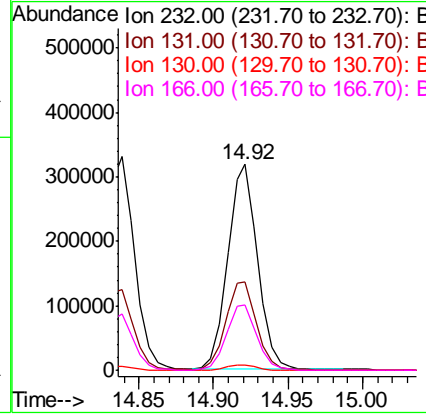
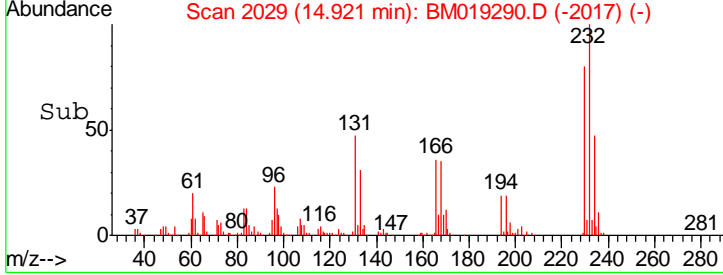
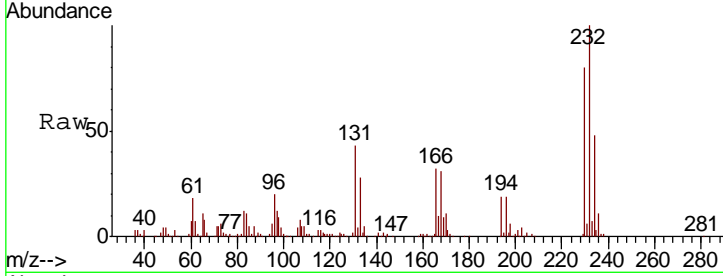
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.749 ng  
 RT: 14.92 min Scan# 2029  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
232	100		
131	44.3	38.2	57.2
130	2.4	1.9	2.9
166	32.7	27.0	40.4

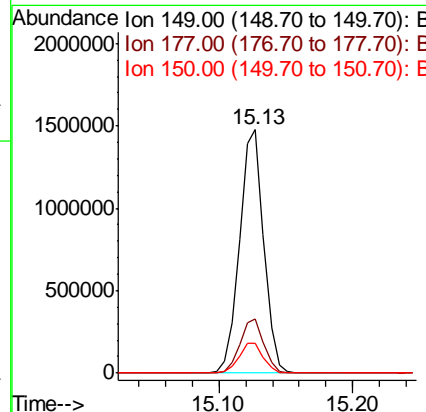
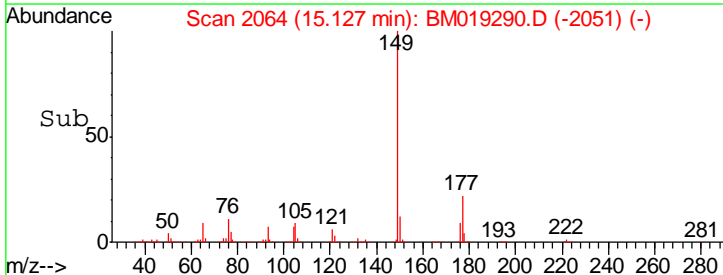
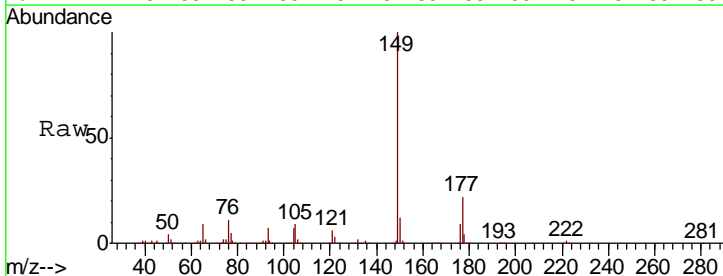
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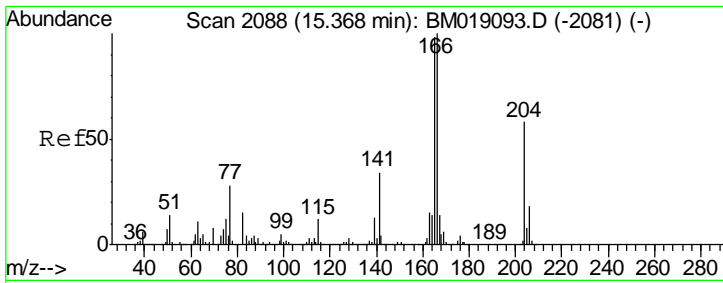
Sohil  
 3/22/2019 3:45:34 PM



#60  
 Diethylphthalate  
 Concen: 37.810 ng  
 RT: 15.13 min Scan# 2064  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	12.1	10.2	15.4





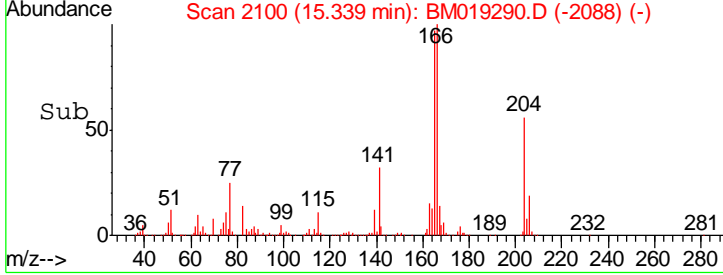
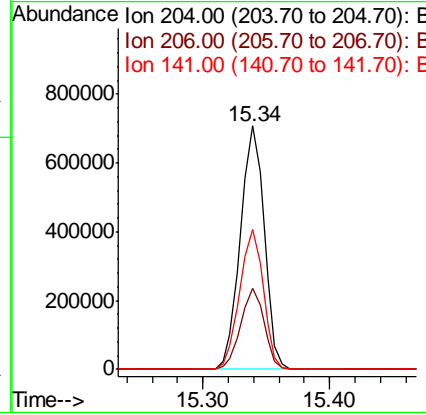
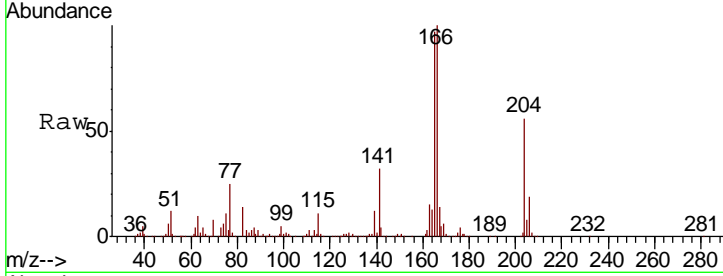
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.659 ng  
 RT: 15.34 min Scan# 2100  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
204	917253		
204	100		
206	33.3	25.5	38.3
141	57.3	47.8	71.8

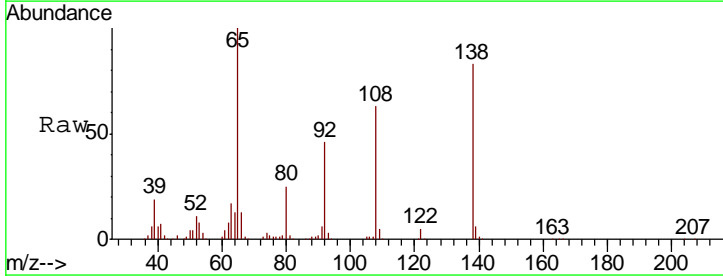
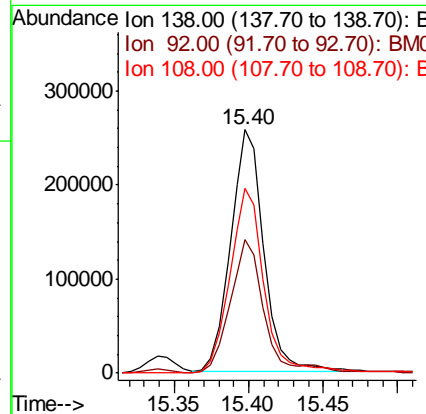
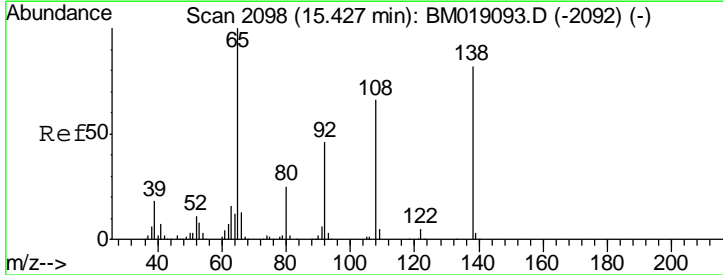
**Manual Integrations**  
**APPROVED**

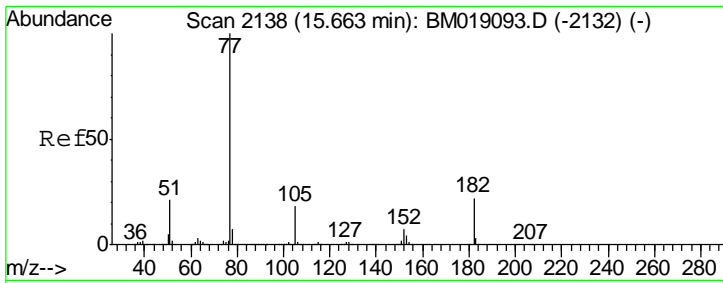
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 3/22/2019 3:45:34 PM



#62  
 4-Nitroaniline  
 Concen: 35.858 ng  
 RT: 15.40 min Scan# 2110  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
138	400335		
138	100		
92	54.8	36.2	76.2
108	76.0	59.7	99.7





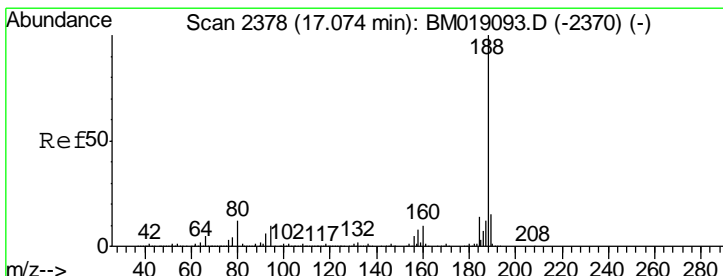
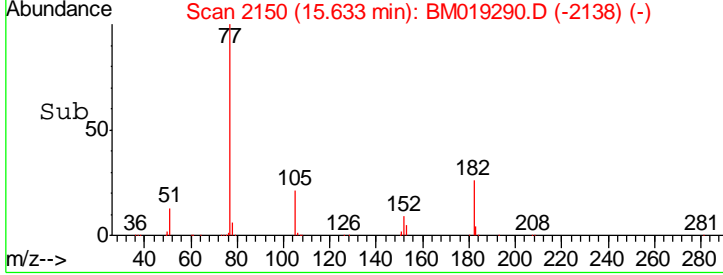
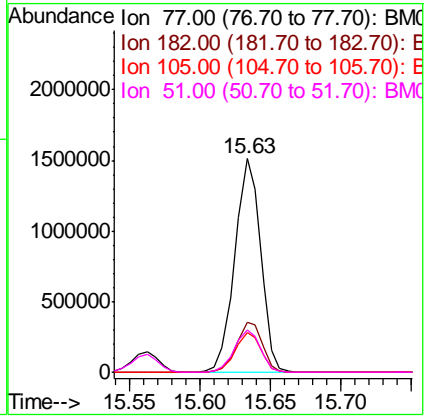
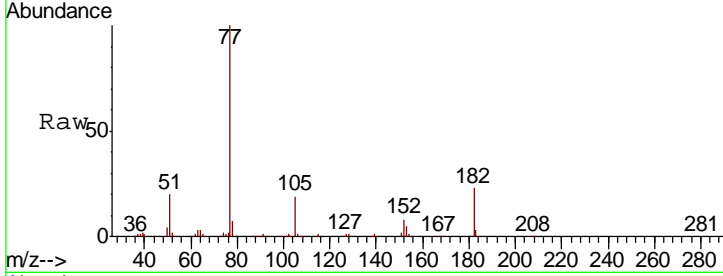
#63  
 Azobenzene  
 Concen: 37.285 ng  
 RT: 15.63 min Scan# 2150  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion: 77 Resp: 1922681

Ion	Ratio	Lower	Upper
77	100		
182	23.2	1.8	41.8
105	18.8	0.0	38.3
51	19.8	0.8	40.8

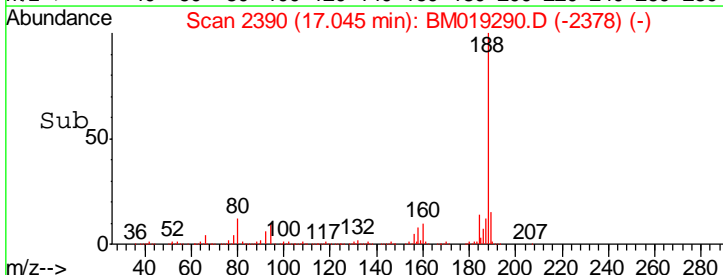
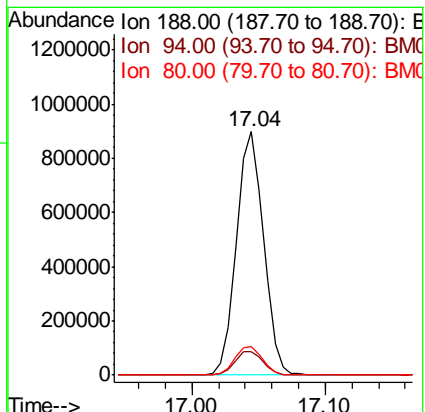
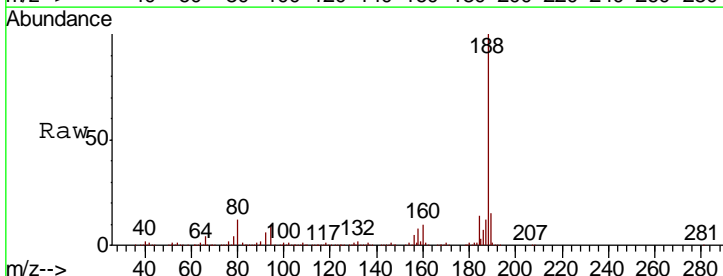
**Manual Integrations**  
**APPROVED**  
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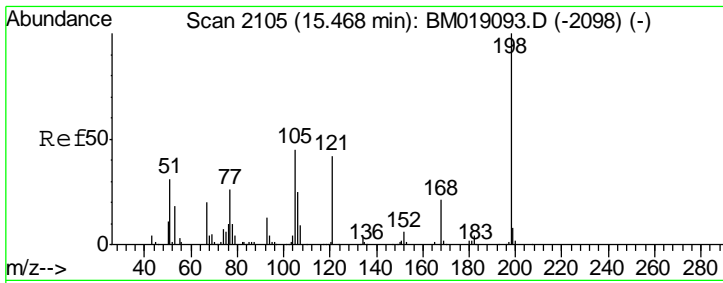


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.04 min Scan# 2390  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion: 188 Resp: 1265953

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	11.8	9.7	14.5





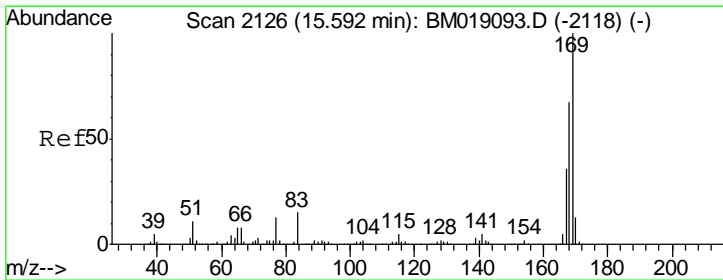
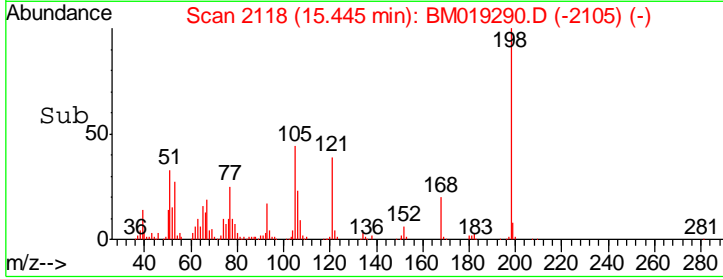
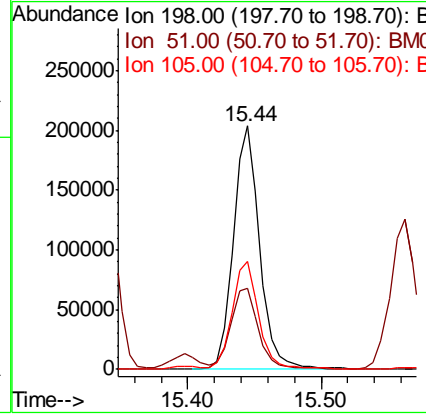
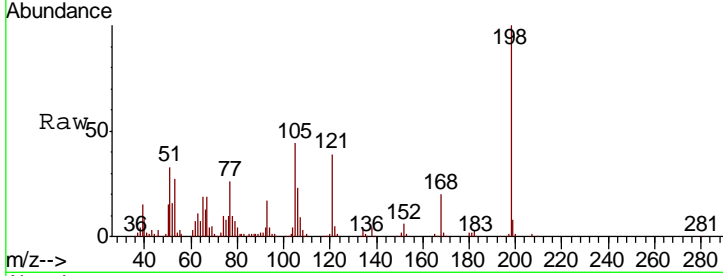
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 33.852 ng  
 RT: 15.44 min Scan# 2118  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
198	280828		
198	100		
51	33.3	17.3	57.3
105	44.2	26.2	66.2

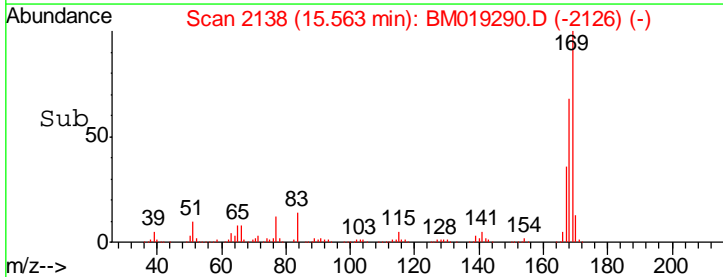
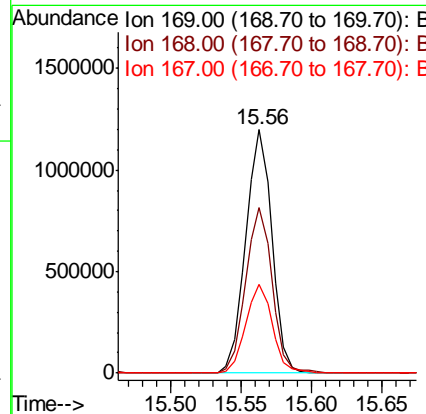
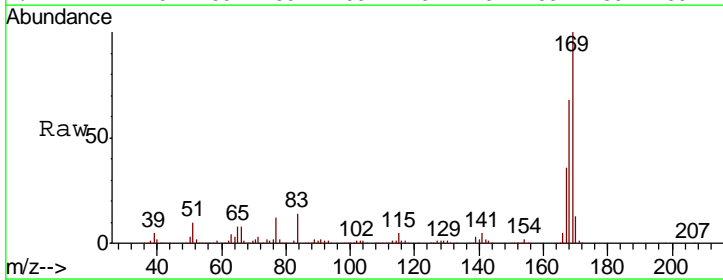
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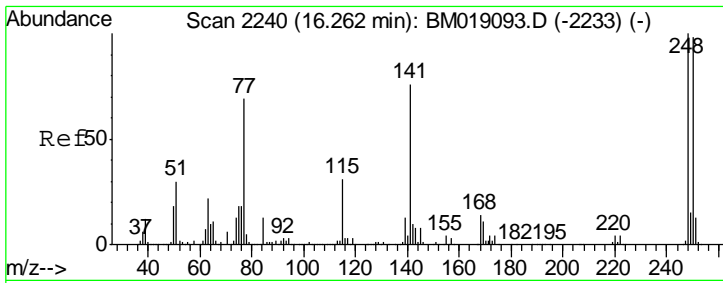
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 3/22/2019 3:45:34 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 38.680 ng  
 RT: 15.56 min Scan# 2138  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
169	1558933		
169	100		
168	68.0	53.9	80.9
167	36.2	28.8	43.2



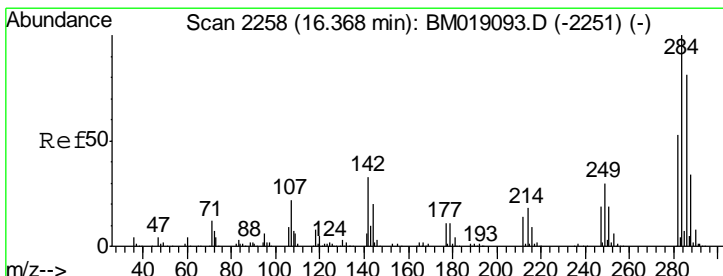
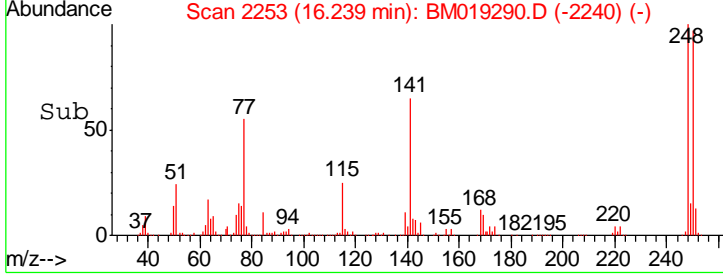
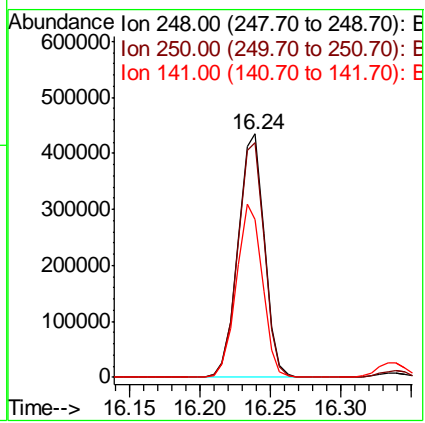
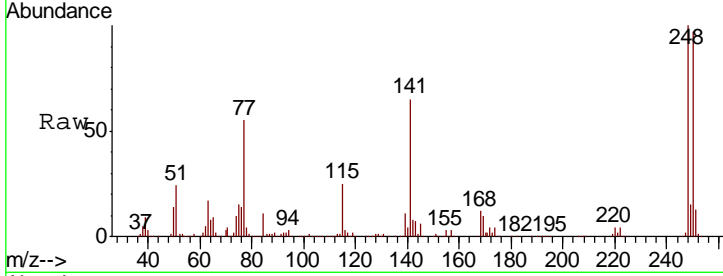


#67  
 4-Bromophenyl-phenylether  
 Concen: 40.474 ng  
 RT: 16.24 min Scan# 2253  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

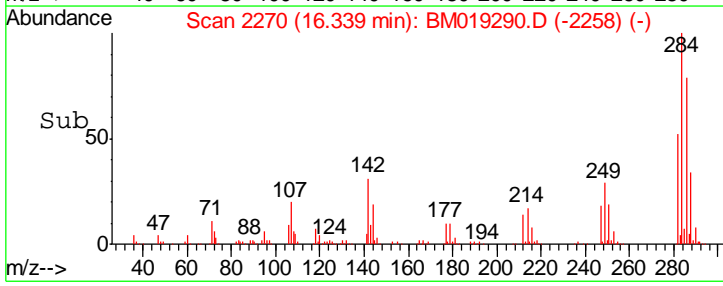
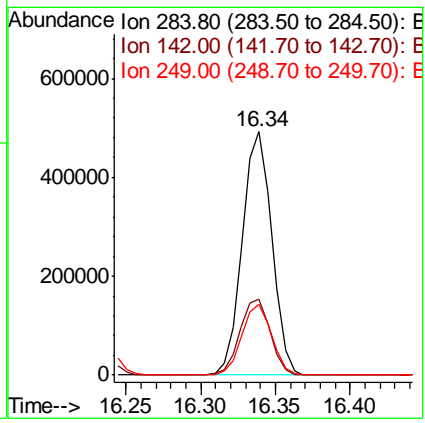
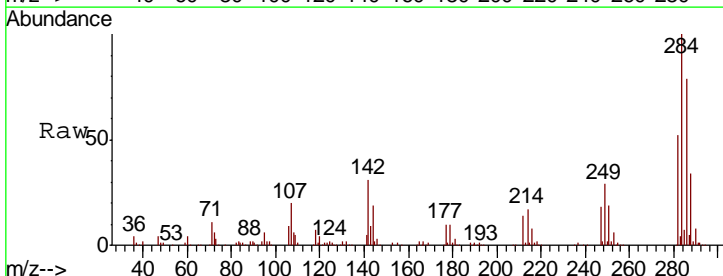
Tgt Ion	Resp	Lower	Upper
248	100		
250	96.6	78.0	117.0
141	64.9	61.0	91.4

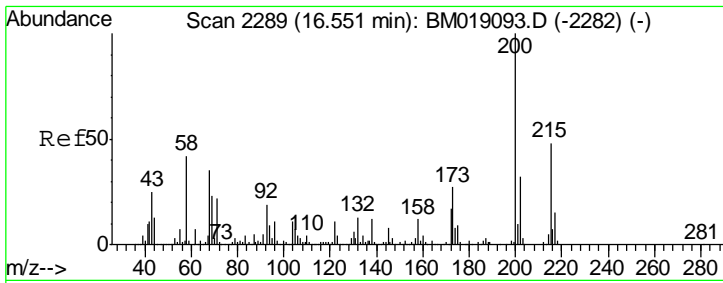
Manual Integrations  
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 3/22/2019 3:45:34 PM



#68  
 Hexachlorobenzene  
 Concen: 40.639 ng  
 RT: 16.34 min Scan# 2270  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
284	100		
142	31.0	26.3	39.5
249	29.1	24.1	36.1





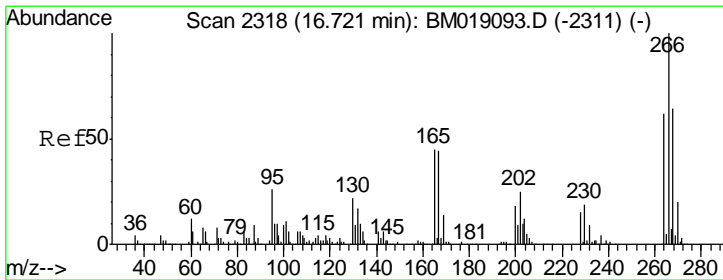
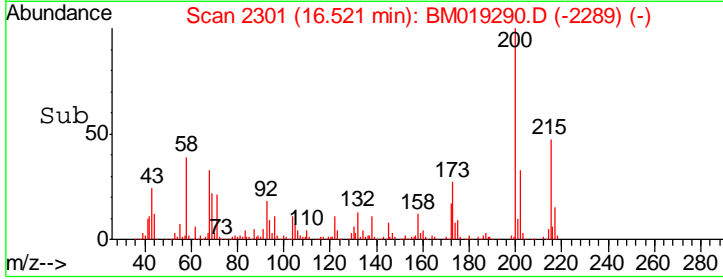
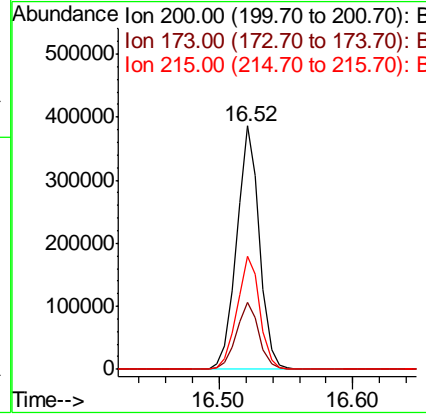
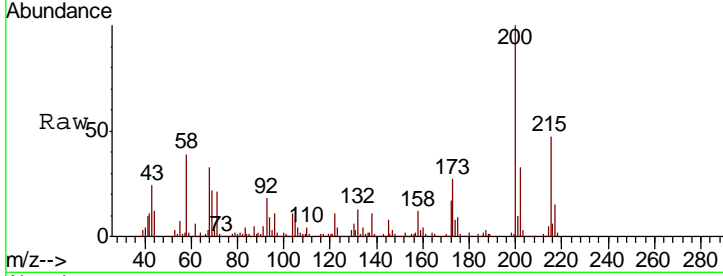
#69  
 Atrazine  
 Concen: 33.869 ng  
 RT: 16.52 min Scan# 2301  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
200	459507		
173	27.3	7.0	47.0
215	46.7	27.7	67.7

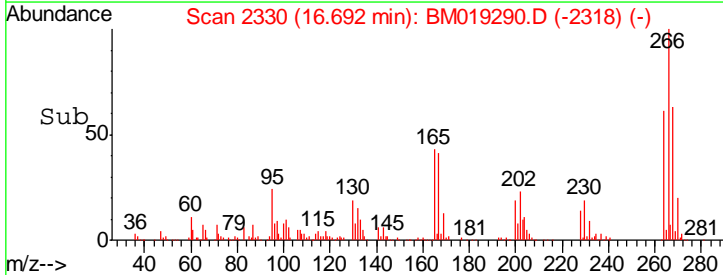
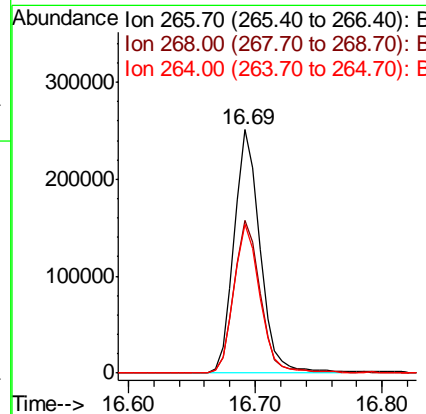
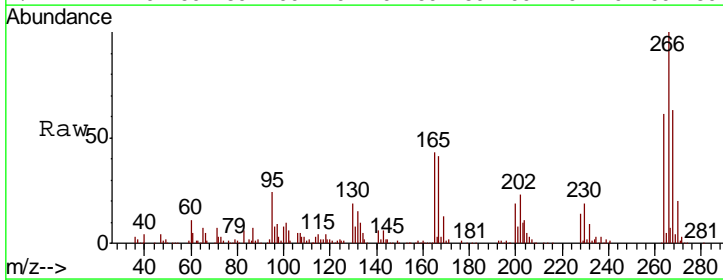
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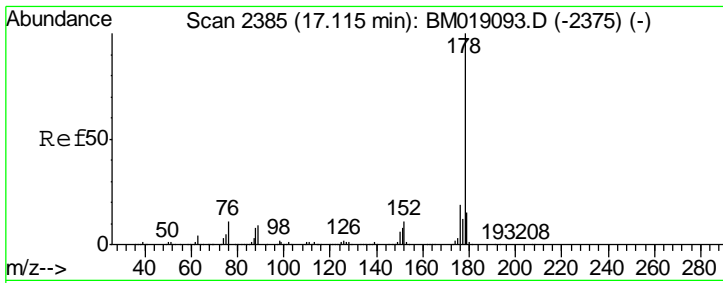
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#70  
 Pentachlorophenol  
 Concen: 35.536 ng  
 RT: 16.69 min Scan# 2330  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
266	355349		
268	62.9	51.3	76.9
264	60.9	50.0	75.0





#71  
 Phenanthrene  
 Concen: 37.136 ng  
 RT: 17.09 min Scan# 2397  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

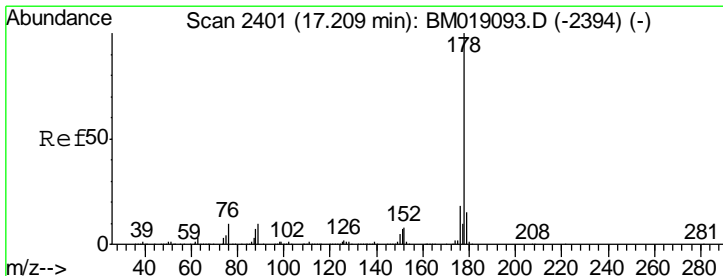
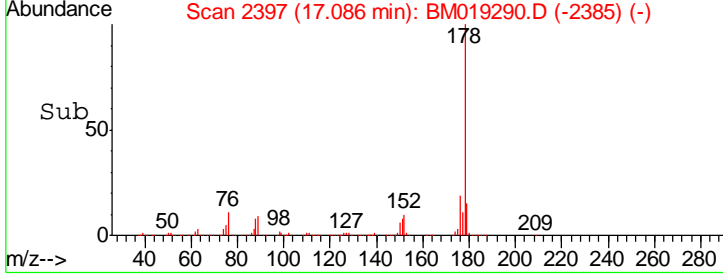
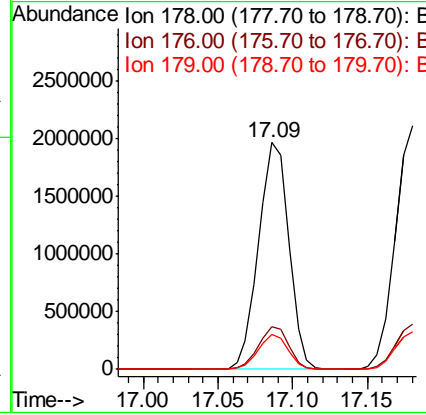
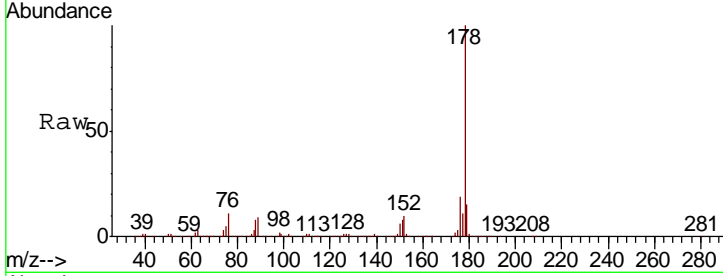
Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion:178 Resp: 2755545

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.2	18.2

Manual Integrations  
 APPROVED

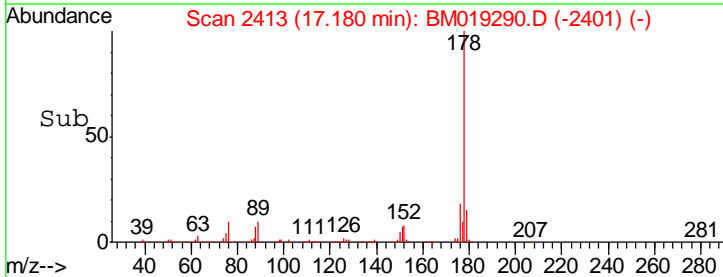
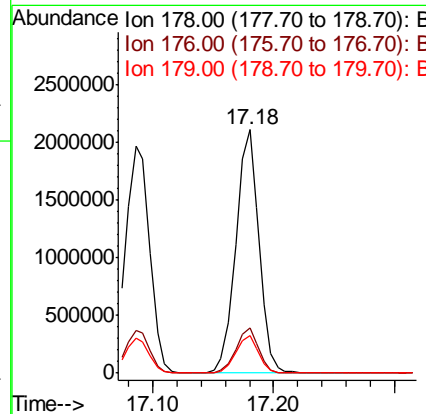
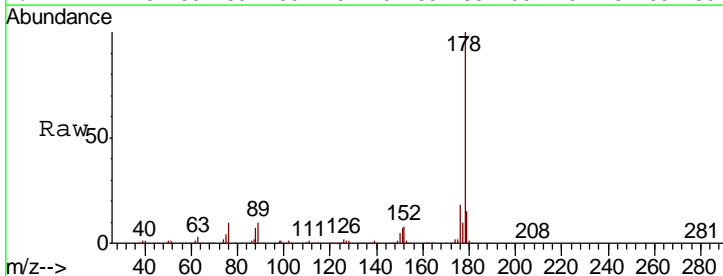
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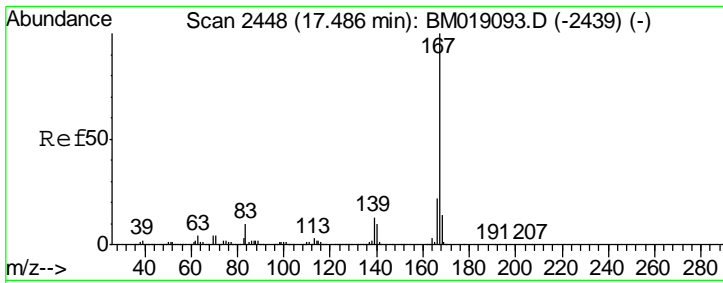


#72  
 Anthracene  
 Concen: 38.446 ng  
 RT: 17.18 min Scan# 2413  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion:178 Resp: 2792728

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	11.9	17.9





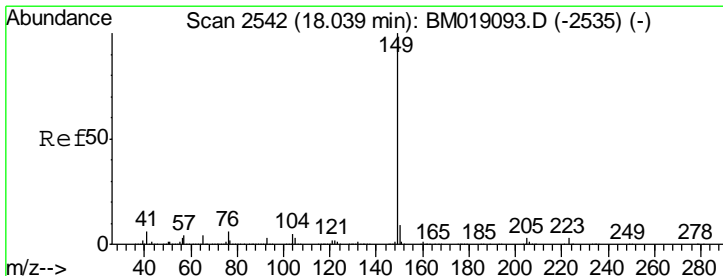
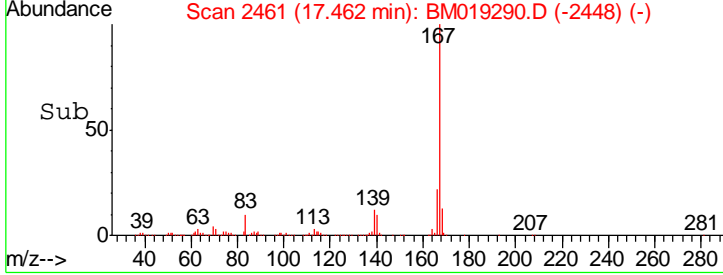
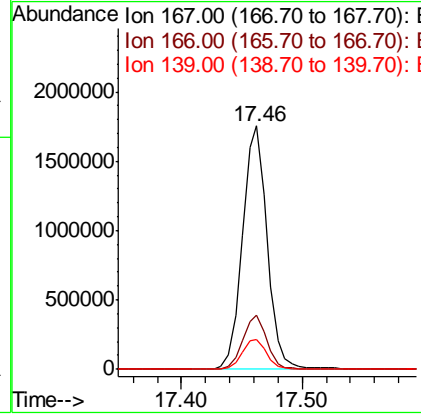
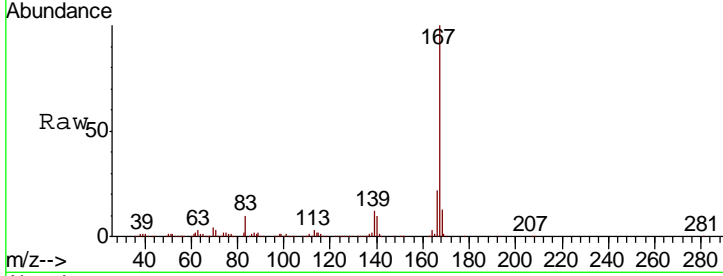
#73  
 Carbazole  
 Concen: 36.529 ng  
 RT: 17.46 min Scan# 2461  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.3	10.5	15.7

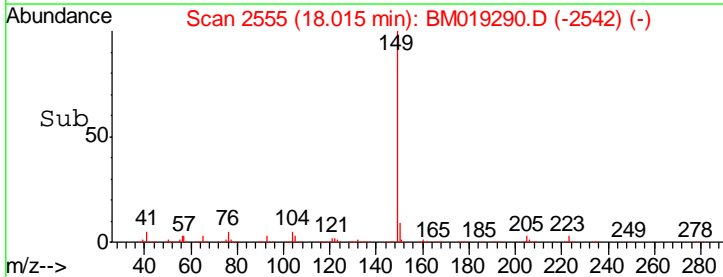
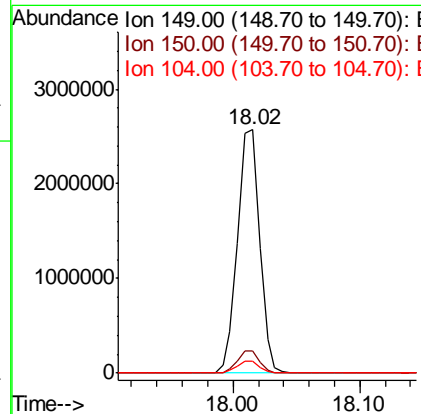
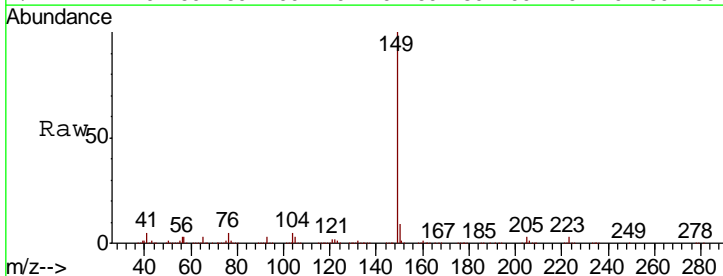
**Manual Integrations**  
**APPROVED**

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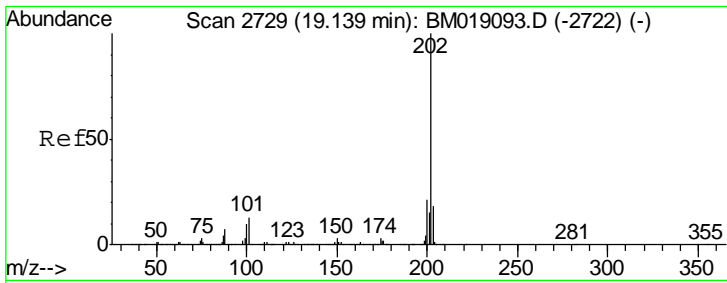


#74  
 Di-n-butylphthalate  
 Concen: 37.314 ng  
 RT: 18.02 min Scan# 2555  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	4.2	6.4







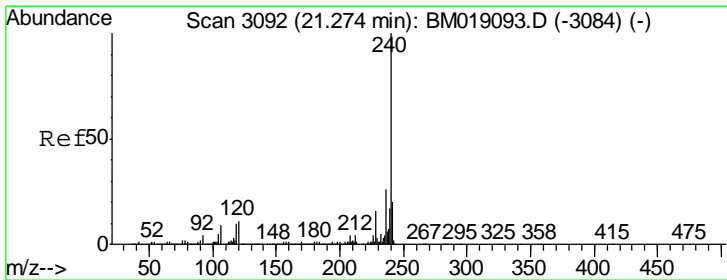
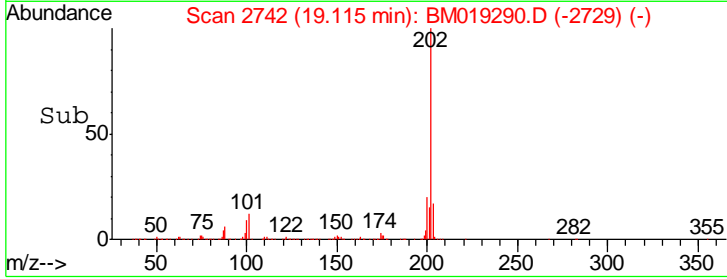
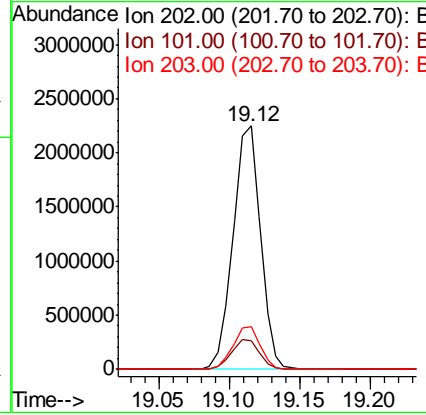
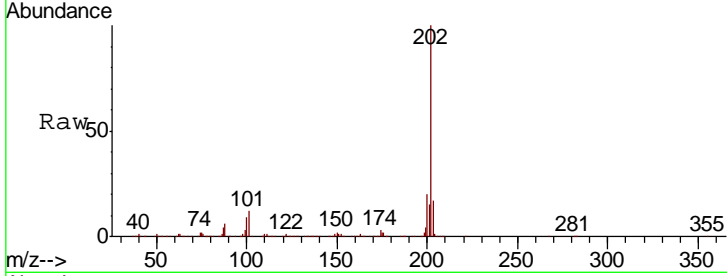
#75  
 Fluoranthene  
 Concen: 35.954 ng  
 RT: 19.12 min Scan# 2742  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.0
203	17.3	0.0	37.8

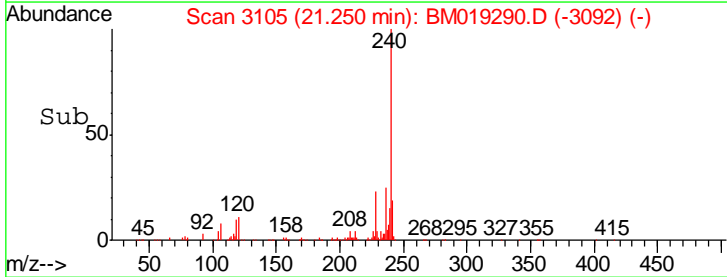
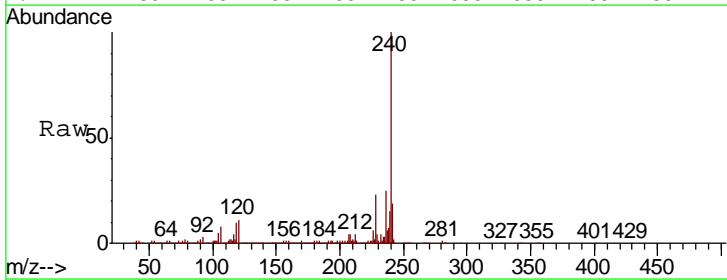
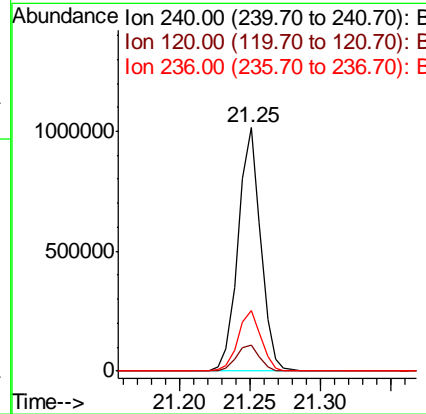
**Manual Integrations**  
**APPROVED**

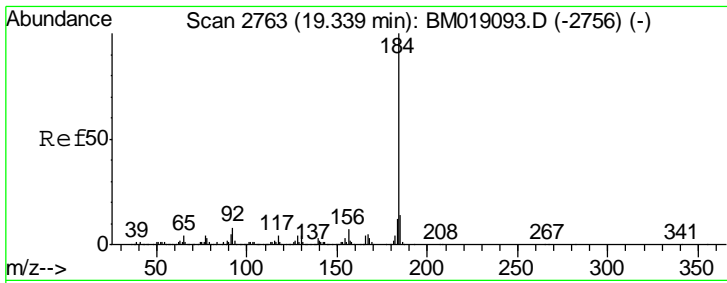
Sohil  
 3/22/2019 3:45:34 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.25 min Scan# 3105  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.1	21.0	31.4





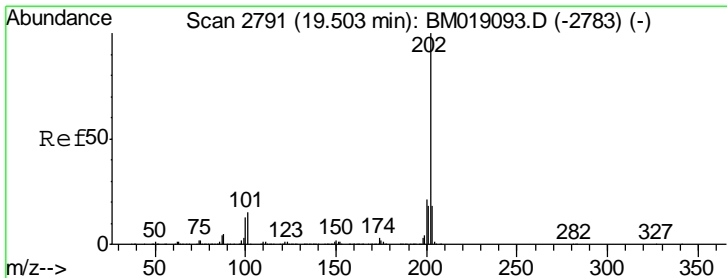
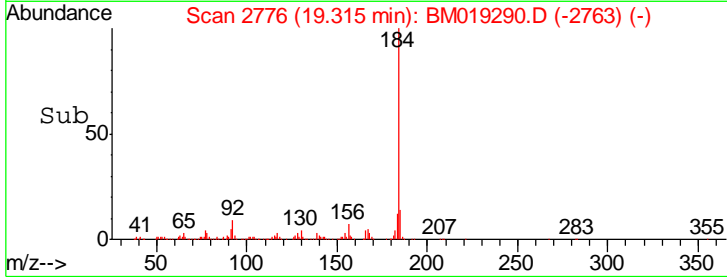
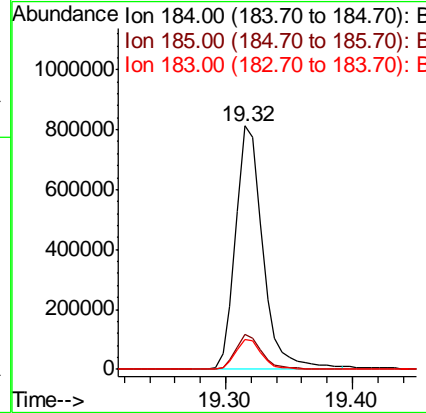
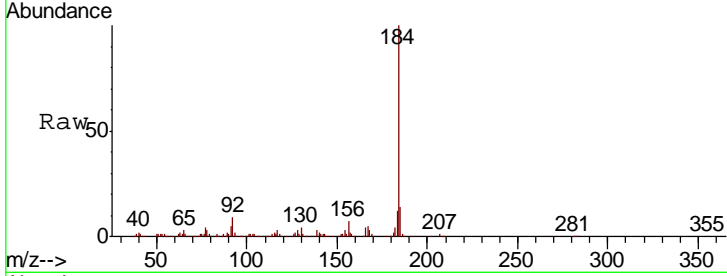
#77  
Benzidine  
Concen: 37.624 ng  
RT: 19.32 min Scan# 2776  
Delta R.T. -0.02 min  
Lab File: BM019290.D  
Acq: 21 Mar 2019 14:54

Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

Tgt Ion	Resp	Lower	Upper
184	100		
185	14.4	11.0	16.4
183	12.2	9.8	14.6

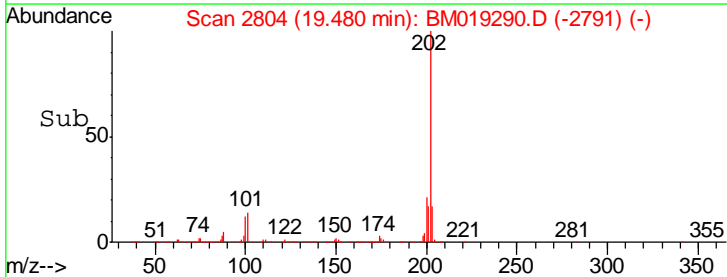
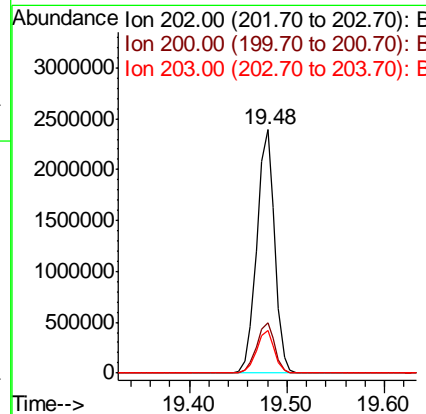
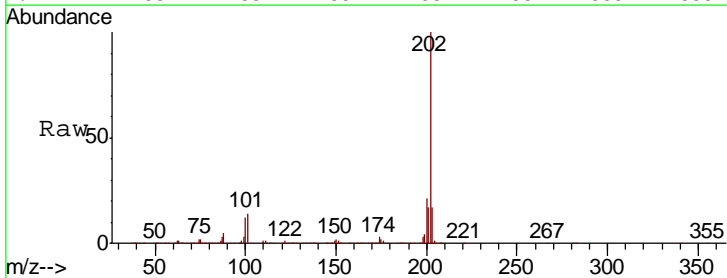
Manual Integrations  
APPROVED

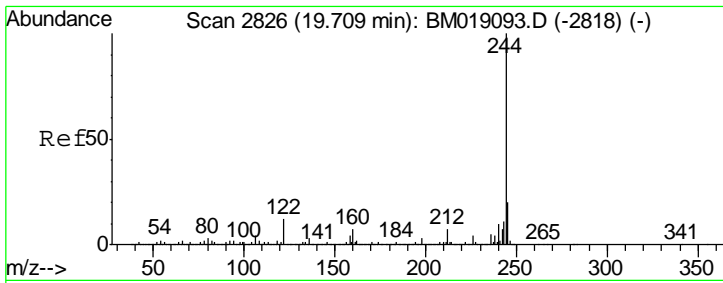
Sohil  
3/22/2019 3:45:34 PM



#78  
Pyrene  
Concen: 43.126 ng  
RT: 19.48 min Scan# 2804  
Delta R.T. -0.02 min  
Lab File: BM019290.D  
Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.4	14.0	21.0





#79  
 Terphenyl-d14  
 Concen: 88.267 ng  
 RT: 19.69 min Scan# 2839  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

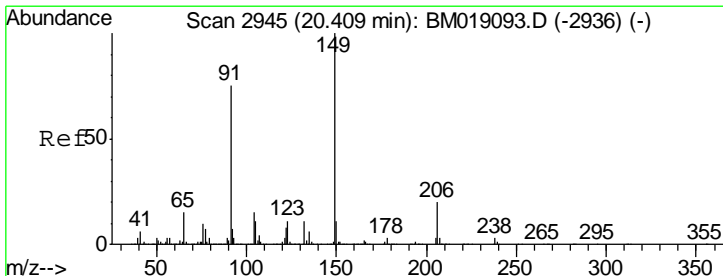
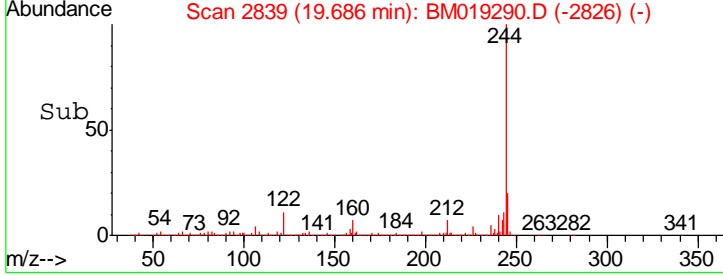
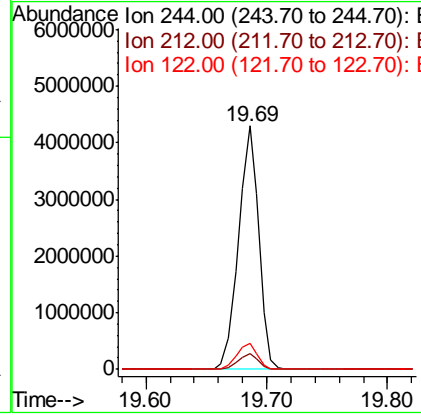
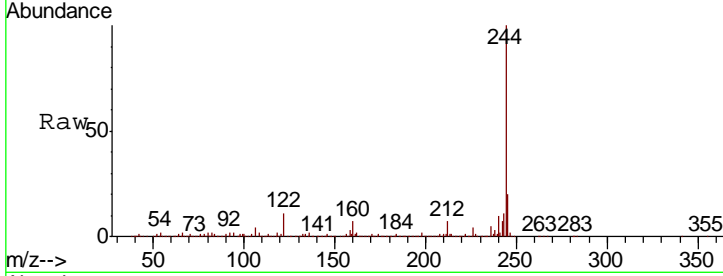
**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion: 244 Resp: 5029883

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.9	9.4	14.2

**Manual Integrations**  
**APPROVED**

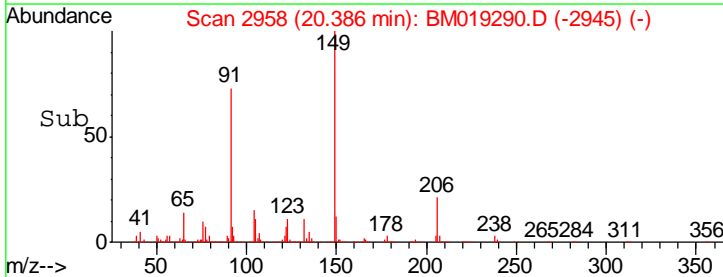
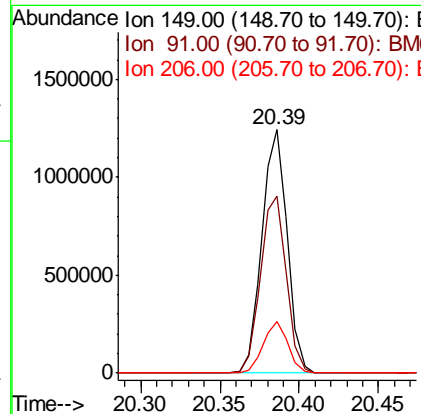
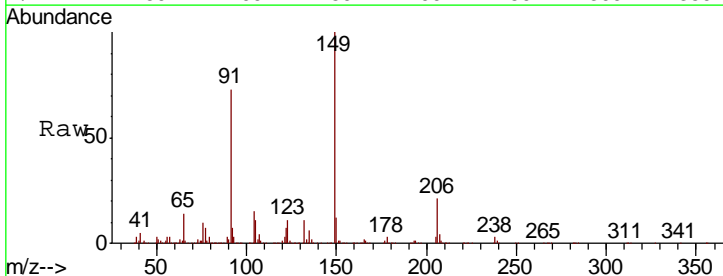
Sohil  
 3/22/2019 3:45:34 PM

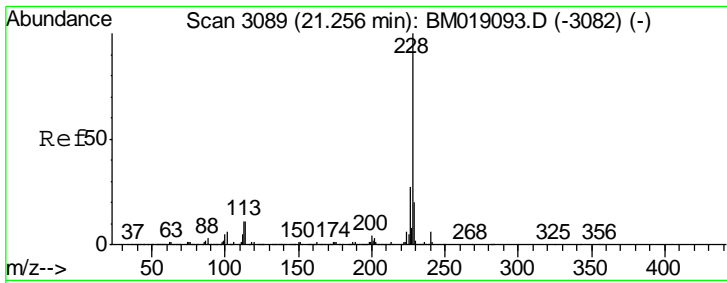


#80  
 Butylbenzylphthalate  
 Concen: 44.454 ng  
 RT: 20.39 min Scan# 2958  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion: 149 Resp: 1385901

Ion	Ratio	Lower	Upper
149	100		
91	72.9	60.1	90.1
206	21.2	16.2	24.2





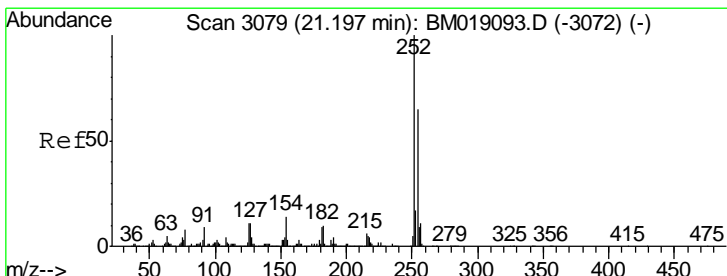
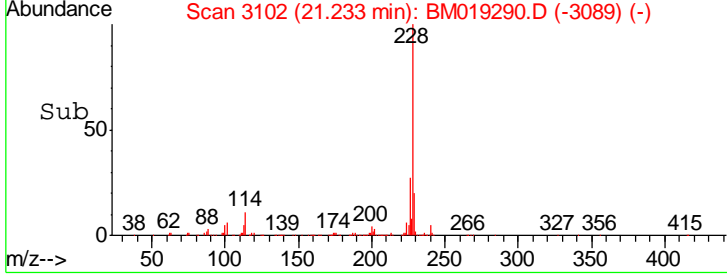
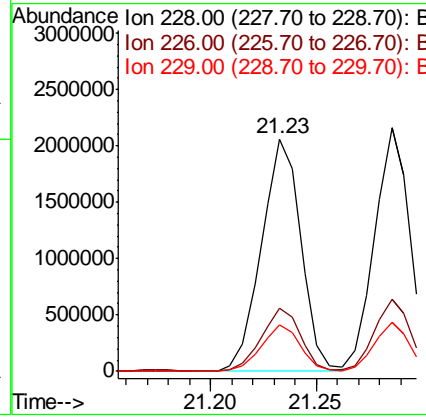
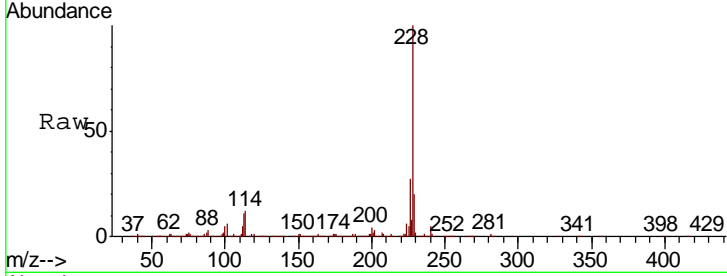
#81  
 Benzo(a)anthracene  
 Concen: 37.962 ng  
 RT: 21.23 min Scan# 3102  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion: 228 Resp: 2694254

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.8	15.8	23.6

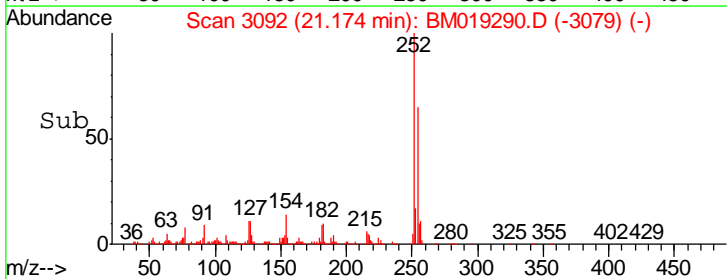
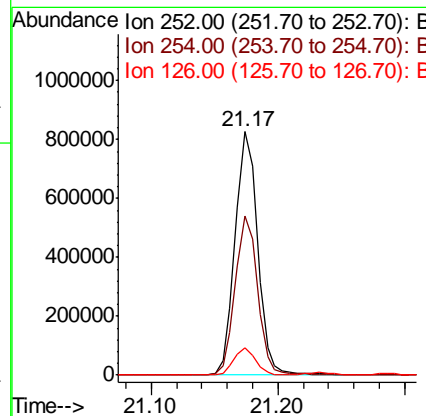
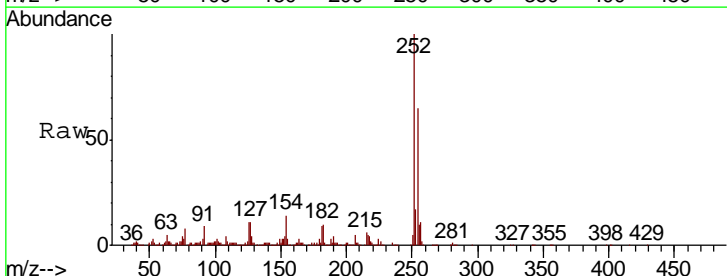
Manual Integrations  
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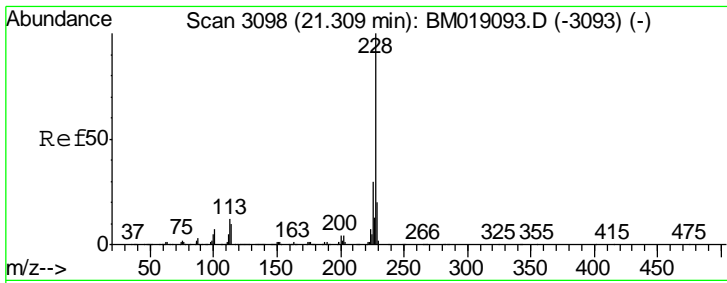


#82  
 3,3'-Dichlorobenzidine  
 Concen: 37.340 ng  
 RT: 21.17 min Scan# 3092  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion: 252 Resp: 1020901

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.4	78.6
126	11.3	9.0	13.6



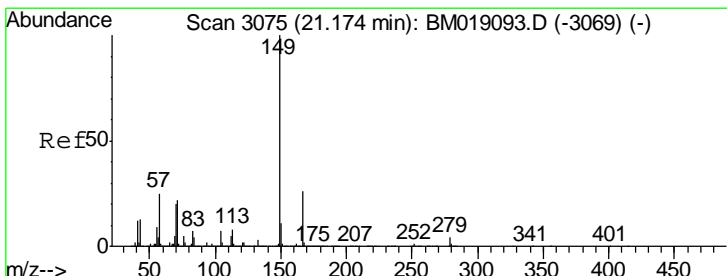
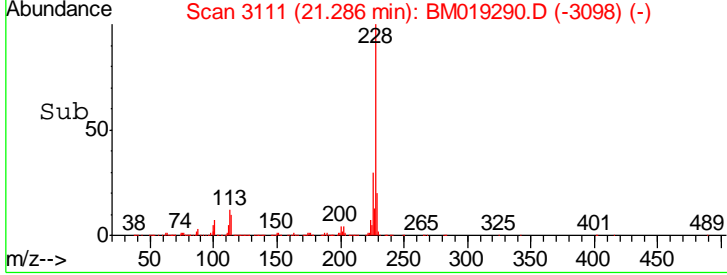
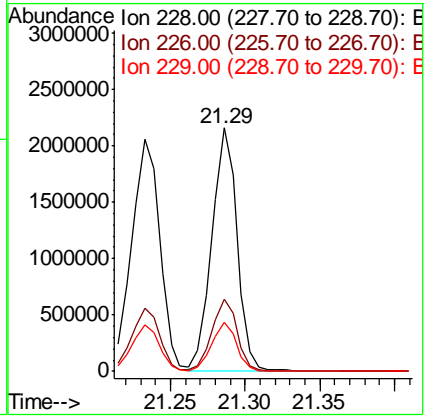
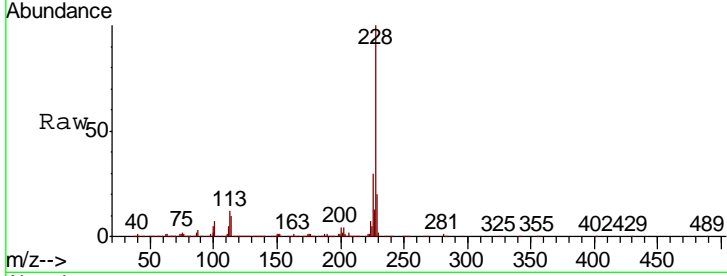


#83  
 Chrysene  
 Concen: 37.036 ng  
 RT: 21.29 min Scan# 3111  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

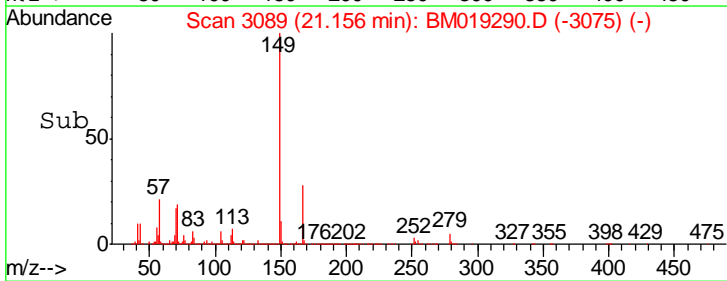
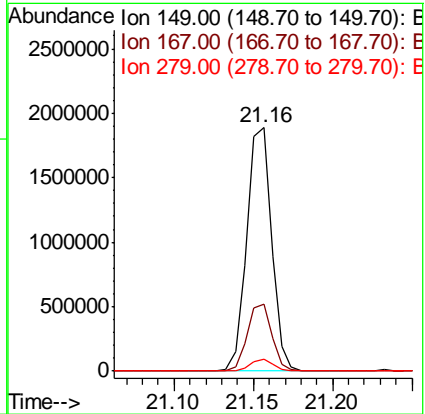
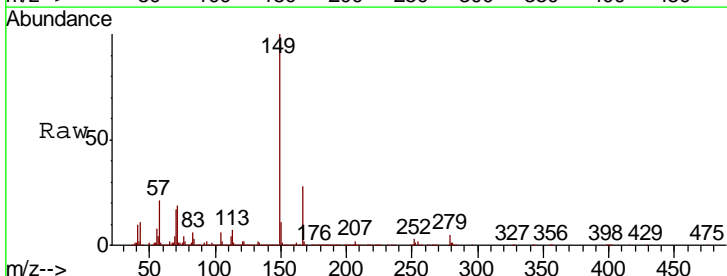
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.9	15.7	23.5

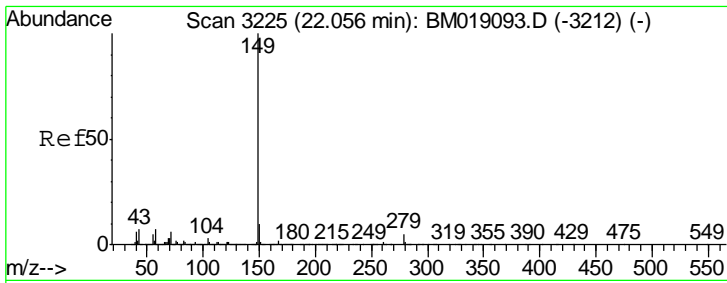
**Manual Integrations**  
**APPROVED**  
 Sohil  
 3/22/2019 3:45:34 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.234 ng  
 RT: 21.16 min Scan# 3089  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
149	100		
167	27.7	21.1	31.7
279	5.1	3.2	4.8#





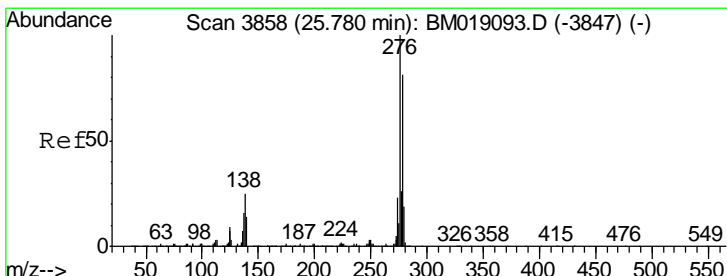
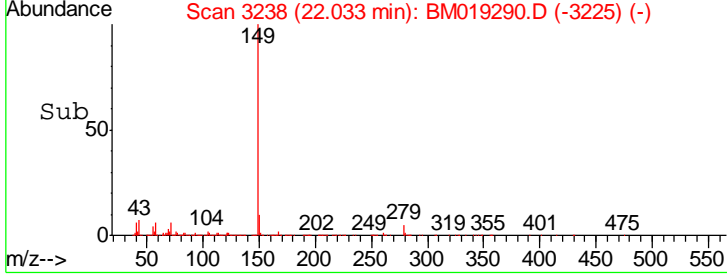
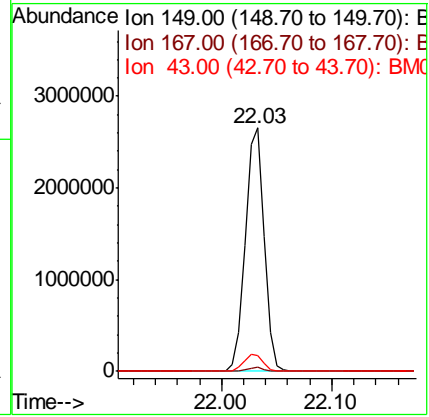
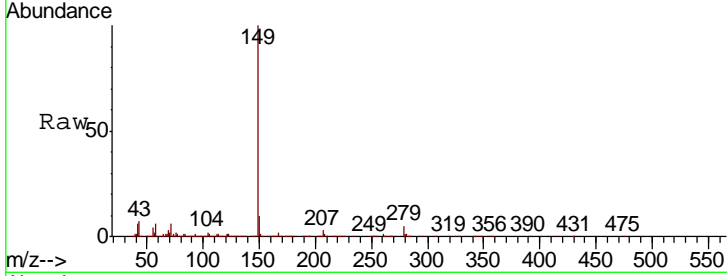
#85  
 Di-n-octyl phthalate  
 Concen: 41.589 ng  
 RT: 22.03 min Scan# 3238  
 Delta R.T. -0.02 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	6.1	9.1

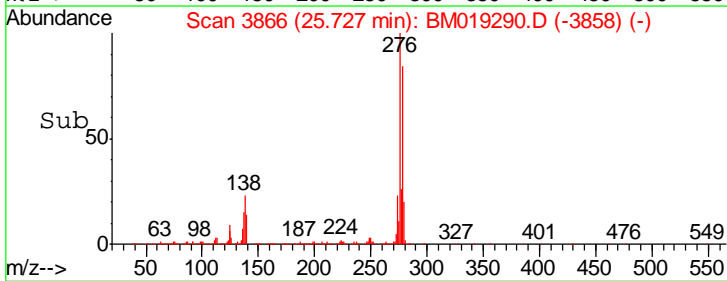
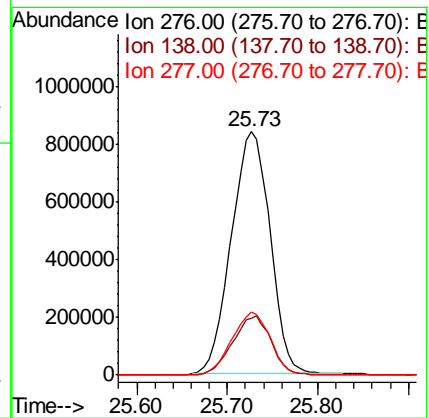
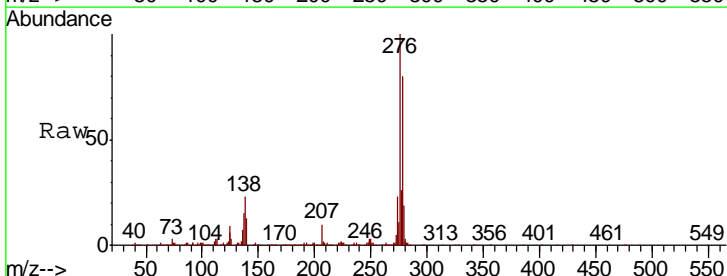
**Manual Integrations**  
**APPROVED**

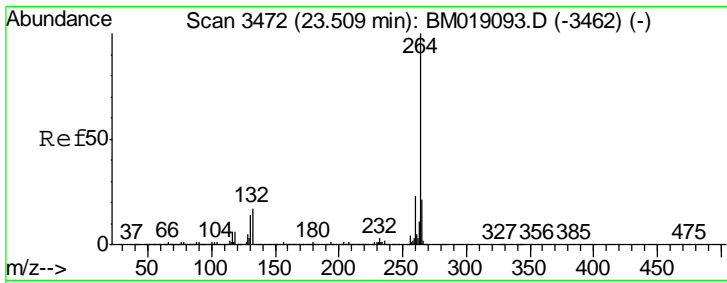
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 3/22/2019 3:45:34 PM



#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.815 ng  
 RT: 25.73 min Scan# 3866  
 Delta R.T. -0.05 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
276	100		
138	23.7	19.8	29.8
277	25.6	20.3	30.5





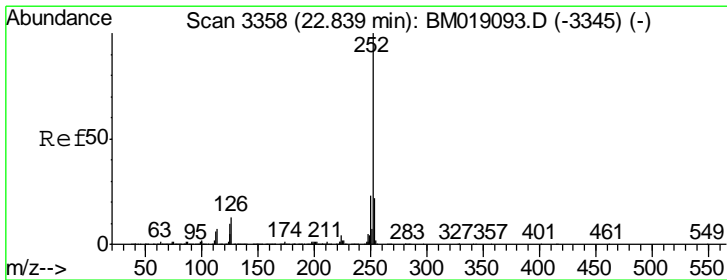
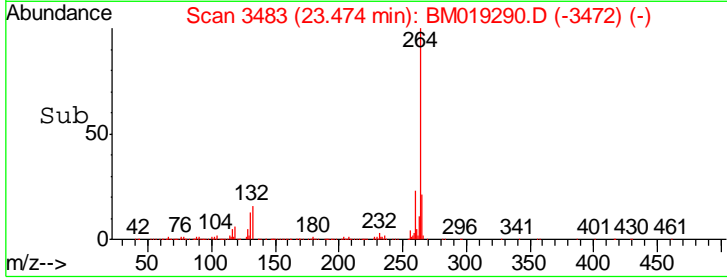
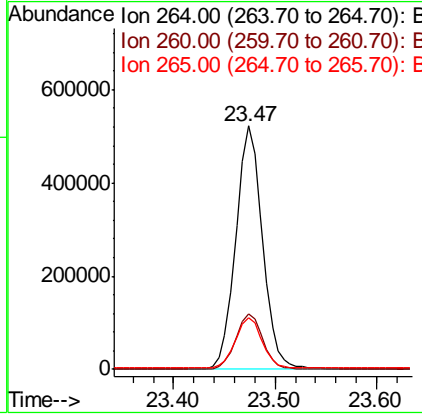
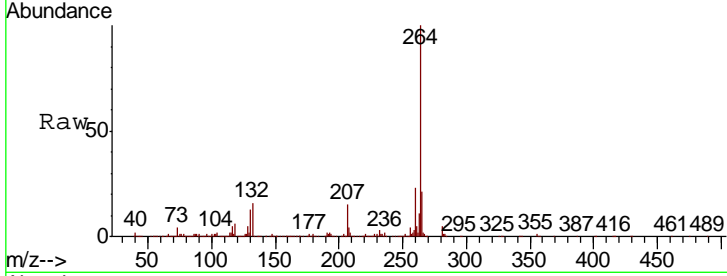
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.47 min Scan# 3483  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.3	25.9

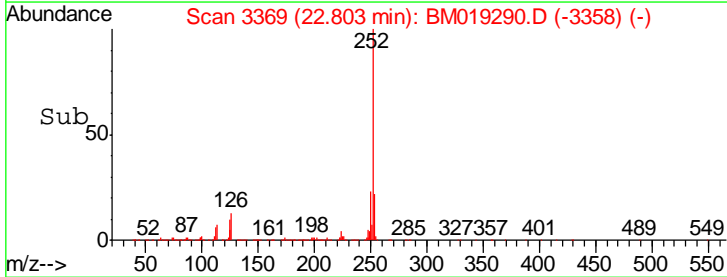
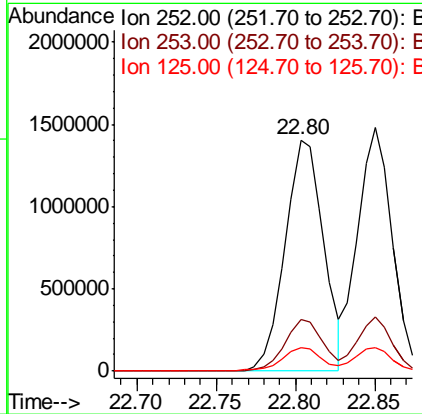
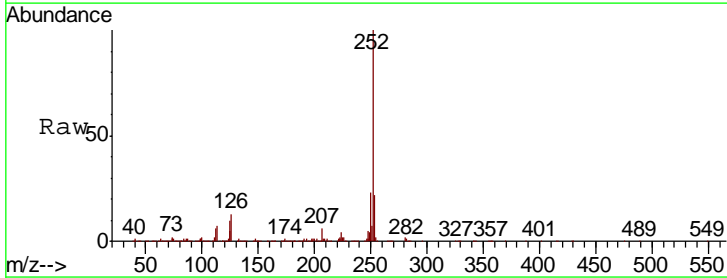
Manual Integrations  
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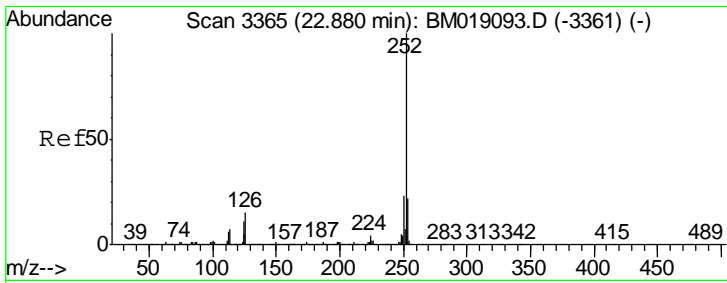
Sohil  
 3/22/2019 3:45:34 PM



#88  
 Benzo(b)fluoranthene  
 Concen: 38.116 ng  
 RT: 22.80 min Scan# 3369  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	8.1	12.1





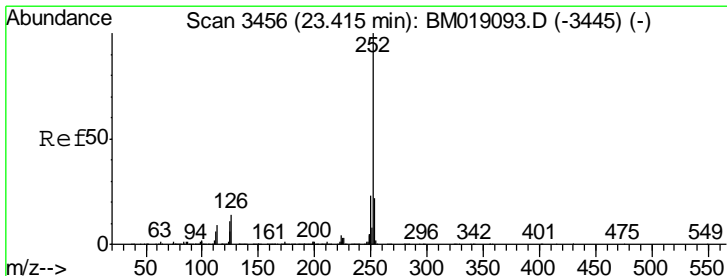
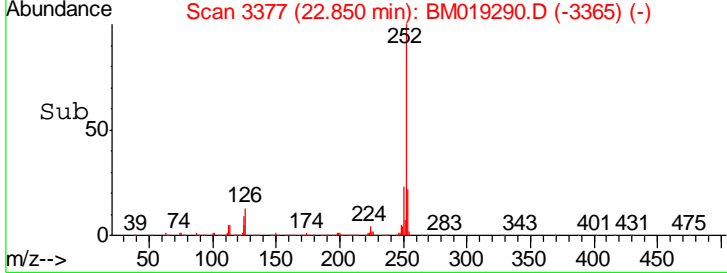
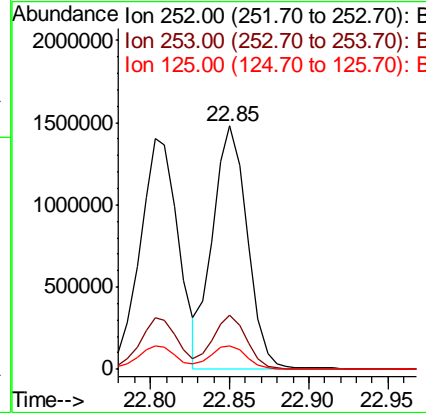
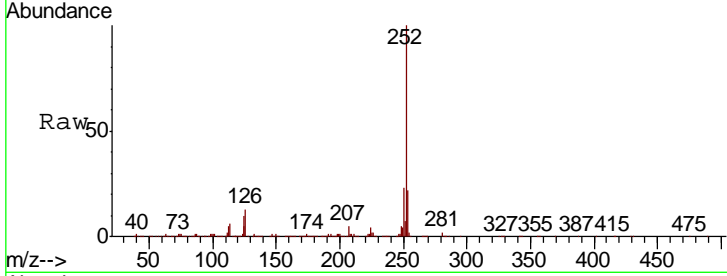
#89  
 Benzo(k)fluoranthene  
 Concen: 39.232 ng  
 RT: 22.85 min Scan# 3377  
 Delta R.T. -0.03 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.6	8.8	13.2

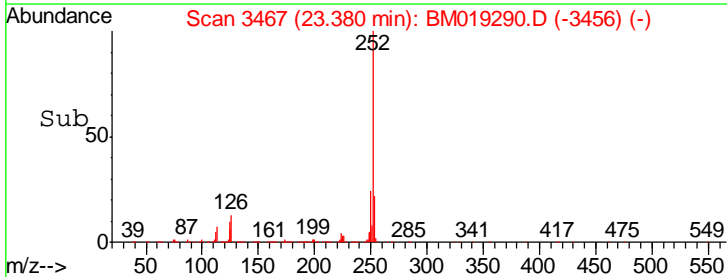
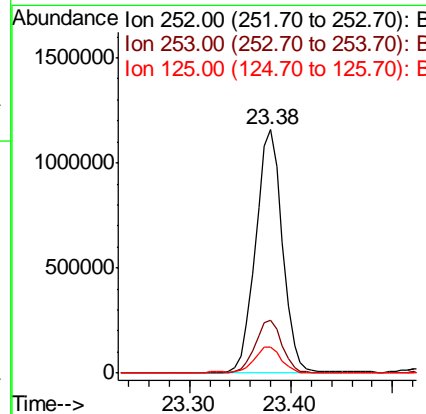
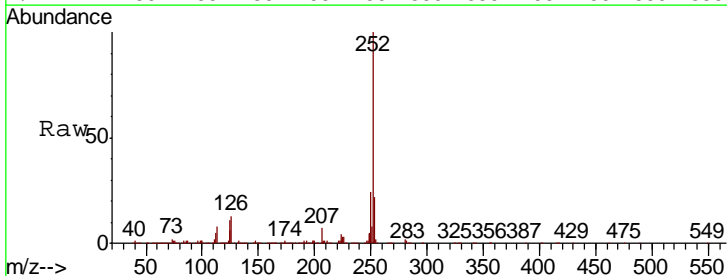
Manual Integrations  
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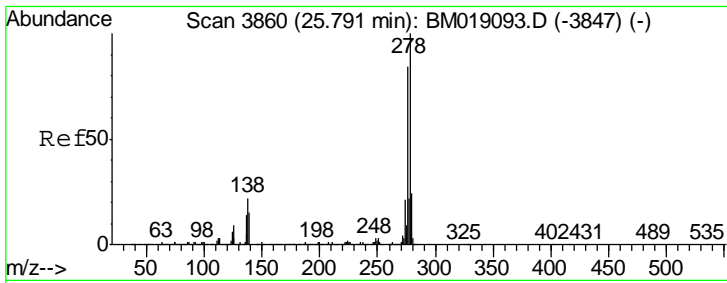


#90  
 Benzo(a)pyrene  
 Concen: 38.028 ng  
 RT: 23.38 min Scan# 3467  
 Delta R.T. -0.04 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.6	9.2	13.8







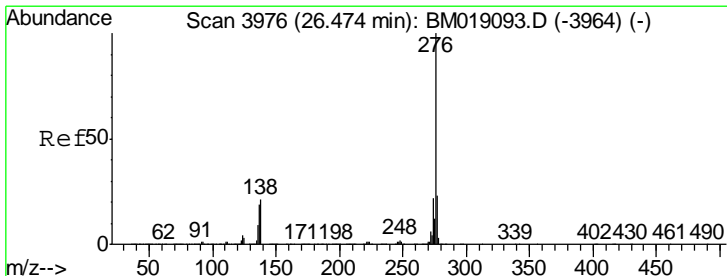
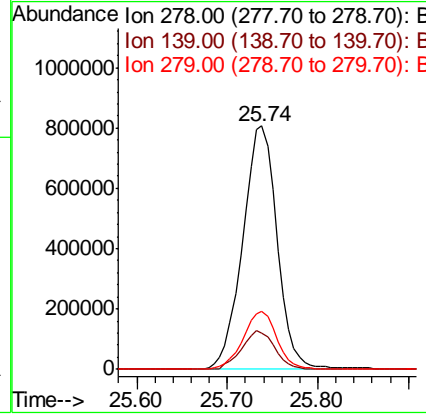
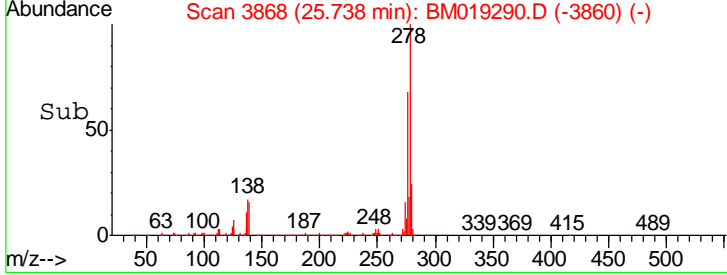
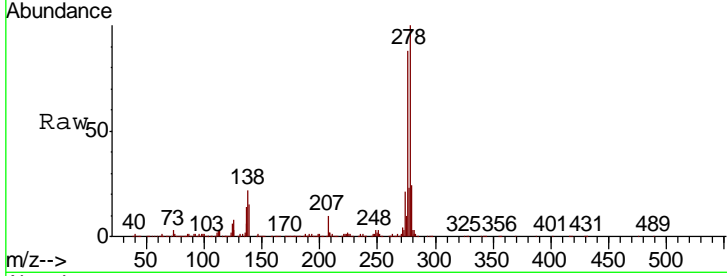
#91  
 Dibenzo(a,h)anthracene  
 Concen: 39.755 ng  
 RT: 25.74 min Scan# 3868  
 Delta R.T. -0.05 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
278	2123613		
139	14.9	12.3	18.5
279	23.6	18.9	28.3

**Manual Integrations**  
**APPROVED**

Sohil  
 3/22/2019 3:45:34 PM



#92  
 Benzo(g,h,i)perylene  
 Concen: 41.252 ng  
 RT: 26.42 min Scan# 3984  
 Delta R.T. -0.05 min  
 Lab File: BM019290.D  
 Acq: 21 Mar 2019 14:54

Tgt Ion	Resp	Lower	Upper
276	2023077		
277	22.9	18.8	28.2
138	20.3	17.0	25.4

