

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019015.D
 Acq On : 04 Mar 2019 18:29
 Operator : JU/SJ
 Sample : K1655-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Manual Integrations
 APPROVED

Sohil
 3/5/2019 5:23:45 PM

Quant Time: Mar 05 04:09:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	265267	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1116362	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	635703	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1359651	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1128241	20.00	ng	0.00
87) Perylene-d12	23.53	264	998072	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	754008	46.57	ng	0.00
7) Phenol-d6	6.86	99	672604	29.49	ng	0.00
23) Nitrobenzene-d5	8.85	82	1705657	70.65	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1018513	111.15	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3408105	71.17	ng	0.00
79) Terphenyl-d14	19.72	244	4784328	87.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	85934	12.187	ng	98
3) Pyridine	3.64	79	227456	11.826	ng	99
4) n-Nitrosodimethylamine	3.56	42	78787	16.102	ng	95
6) Aniline	7.02	93	523929	18.749	ng	99
8) 2-Chlorophenol	7.25	128	504983	28.410	ng	98
9) Benzaldehyde	6.84	77	564407	47.587	ng	100
10) Phenol	6.88	94	320068	13.337	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	614911	33.590	ng	98
12) 1,3-Dichlorobenzene	7.56	146	588218	29.430	ng	99
13) 1,4-Dichlorobenzene	7.72	146	610628	30.009	ng	100
14) 1,2-Dichlorobenzene	8.03	146	597728	30.582	ng	99
15) Benzyl Alcohol	7.93	79	408087	22.518	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	625903	35.326	ng	97
17) 2-Methylphenol	8.13	107	361679	23.679	ng	97
18) Hexachloroethane	8.74	117	219281	29.521	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	612979	34.711	ng	98
20) 3+4-Methylphenols	8.46	107	440686	20.894	ng	99
22) Acetophenone	8.51	105	996127	32.492	ng	99
24) Nitrobenzene	8.89	77	844885	33.713	ng	99
25) Isophorone	9.41	82	1532371	39.778	ng	99
26) 2-Nitrophenol	9.59	139	331141	33.180	ng	99
27) 2,4-Dimethylphenol	9.65	122	501059	34.374	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	902427	36.225	ng	99
29) 2,4-Dichlorophenol	10.12	162	553044	33.042	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	603215	31.207	ng	98
31) Naphthalene	10.52	128	1924106	35.340	ng	99
32) Benzoic acid	9.76	122	91063m	7.162	ng	
33) 4-Chloroaniline	10.65	127	295351	12.135	ng	99
34) Hexachlorobutadiene	10.78	225	320691	28.583	ng	99
35) Caprolactam	11.47	113	26368m	3.860	ng	
36) 4-Chloro-3-methylphenol	11.77	107	599428	29.704	ng	97
37) 2-Methylnaphthalene	12.13	142	1464114	38.194	ng	99
38) 1-Methylnaphthalene	12.36	142	1394697	37.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	688833	33.873	ng	99

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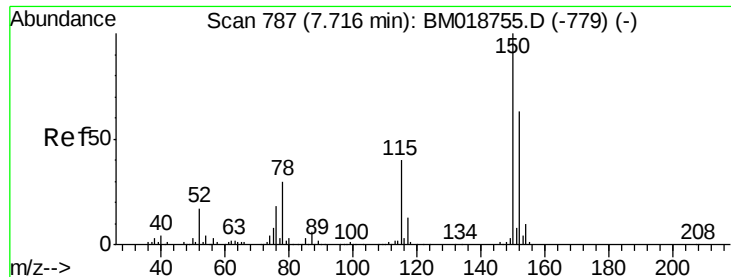
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	745045	71.660	ng	100
43) 2,4,6-Trichlorophenol	12.76	196	477315	35.456	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	492738	34.921	ng	99
46) 1,1'-Biphenyl	13.16	154	1883259	34.416	ng	99
47) 2-Chloronaphthalene	13.20	162	1458281	34.503	ng	99
48) 2-Nitroaniline	13.43	65	508488	36.225	ng	98
49) Acenaphthylene	14.06	152	2403302	38.188	ng	100
50) Dimethylphthalate	13.80	163	2420741	45.692	ng	99
51) 2,6-Dinitrotoluene	13.93	165	420102	36.605	ng	98
52) Acenaphthene	14.40	154	1385423	35.902	ng	100
53) 3-Nitroaniline	14.26	138	231872	17.881	ng	95
54) 2,4-Dinitrophenol	14.47	184	462888	64.748	ng	98
55) Dibenzofuran	14.73	168	2257115	35.586	ng	99
56) 4-Nitrophenol	14.57	139	204578	19.763	ng	96
57) 2,4-Dinitrotoluene	14.72	165	586070	37.064	ng	98
58) Fluorene	15.39	166	1851985	38.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	452160	36.254	ng	100
60) Diethylphthalate	15.17	149	1948594	35.656	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	909833	33.442	ng	99
62) 4-Nitroaniline	15.43	138	389217	30.617	ng	96
63) Azobenzene	15.67	77	2076374	35.435	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	303363	31.778	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1553203	36.157	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	544800	35.797	ng	98
68) Hexachlorobenzene	16.38	284	634792	35.885	ng	98
69) Atrazine	16.56	200	508699	36.732	ng	99
70) Pentachlorophenol	16.73	266	733190	64.371	ng	99
71) Phenanthrene	17.13	178	2798120	38.294	ng	100
72) Anthracene	17.22	178	2859833	40.211	ng	100
73) Carbazole	17.50	167	2571046	34.602	ng	99
74) Di-n-butylphthalate	18.05	149	3377351	39.522	ng	100
75) Fluoranthene	19.15	202	3044214	36.067	ng	98
77) Benzidine	19.35	184	302394	11.901	ng	99
78) Pyrene	19.52	202	3069762	46.847	ng	100
80) Butylbenzylphthalate	20.42	149	1439949	48.218	ng	99
81) Benzo(a)anthracene	21.27	228	2591659	39.406	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	598727	23.035	ng	99
83) Chrysene	21.32	228	2395013	37.994	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2040859	46.693	ng	100
85) Di-n-octyl phthalate	22.07	149	3171700	43.175	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2624790	36.065	ng	100
88) Benzo(b)fluoranthene	22.85	252	2276341	39.863	ng	100
89) Benzo(k)fluoranthene	22.90	252	2258774	39.732	ng	99
90) Benzo(a)pyrene	23.43	252	2154219	39.823	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2232334	41.652	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2132583	42.741	ng	100

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



#1

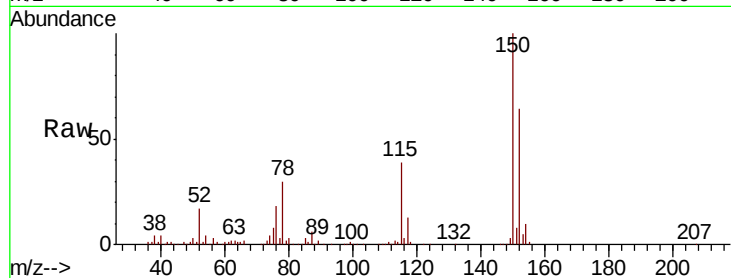
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.3	190.9
115	60.0	50.8	76.2

Manual Integrations
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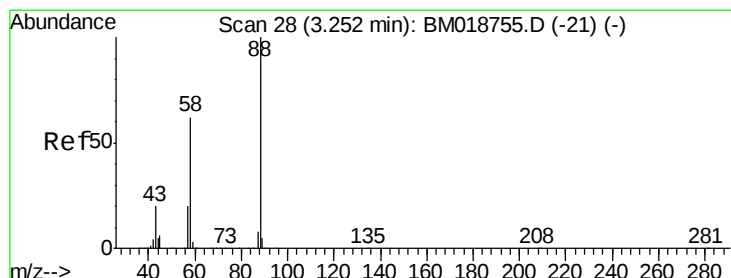
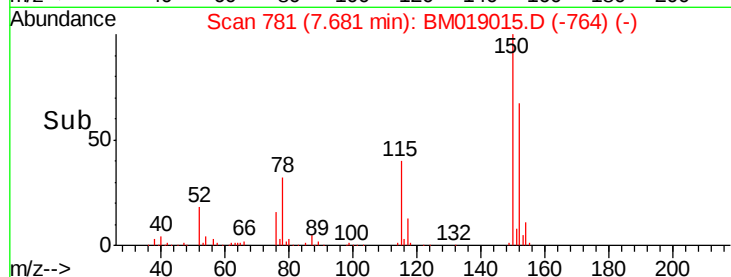
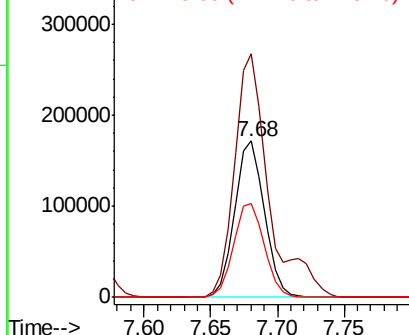


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

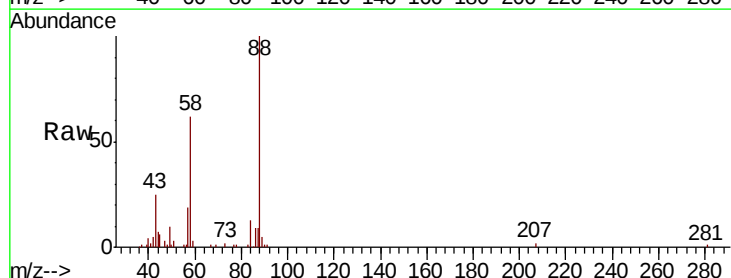
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.187 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.8	74.6
43	20.0	16.7	25.1

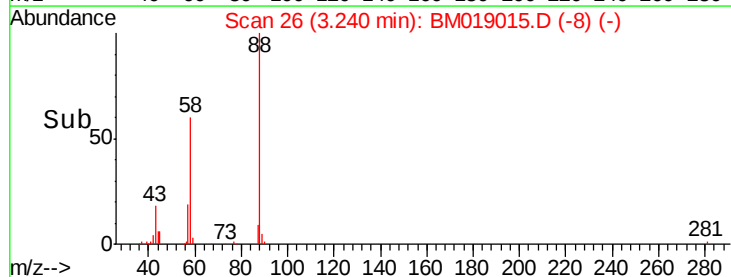
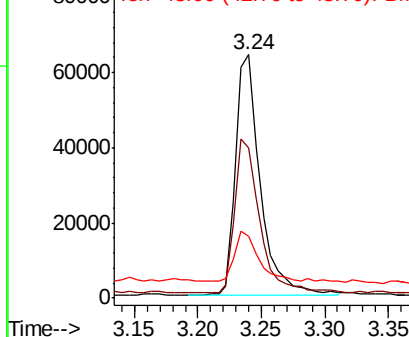


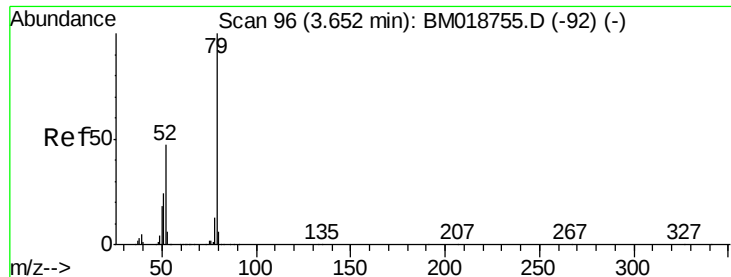
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 11.826 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

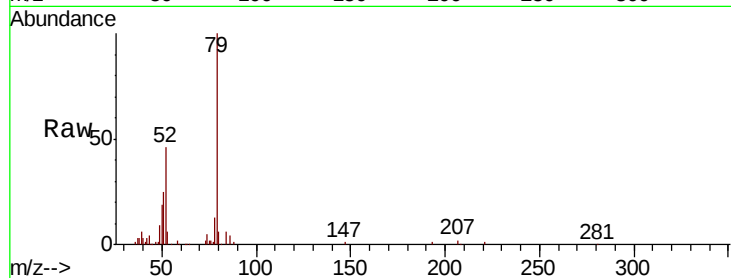
ClientSampleId :

A0C1-TWPMS

Tot Ion:	79	Resp:	227456
Ion	Ratio	Lower	Upper
79	100		
52	46.3	37.6	56.4
51	24.8	19.7	29.5

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Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

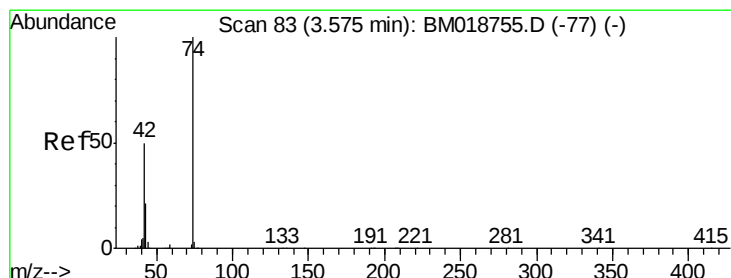
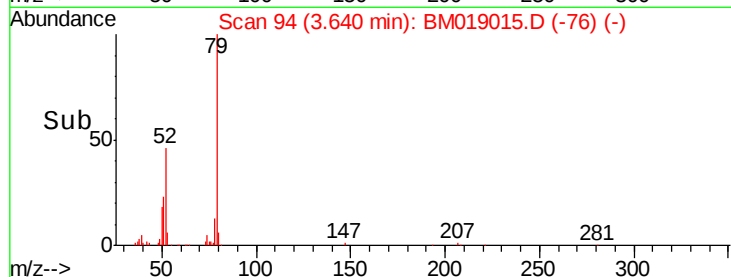
Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)

100000

50000

3.64

Time-->



#4

n-Nitrosodimethylamine

Concen: 16.102 ng

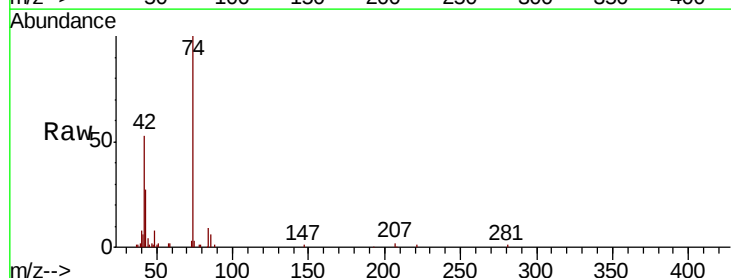
RT: 3.56 min Scan# 80

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:	42	Resp:	78787
Ion	Ratio	Lower	Upper
42	100		
74	189.4	158.1	237.1
44	7.3	4.9	7.3



Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

80000

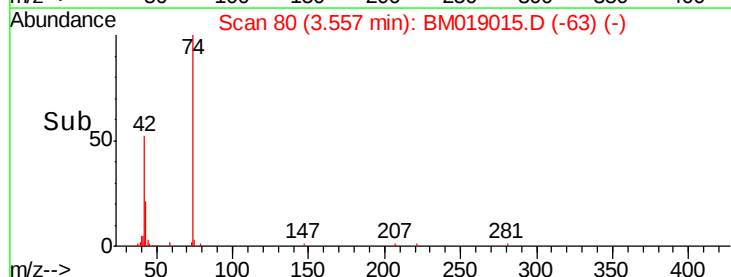
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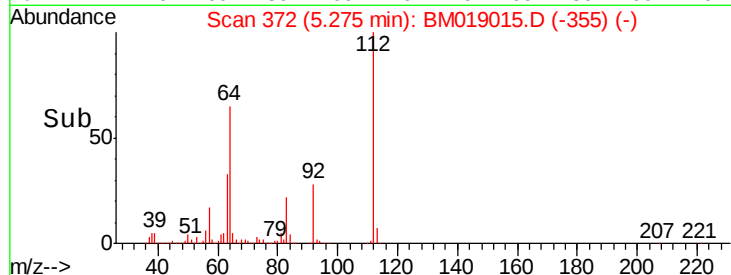
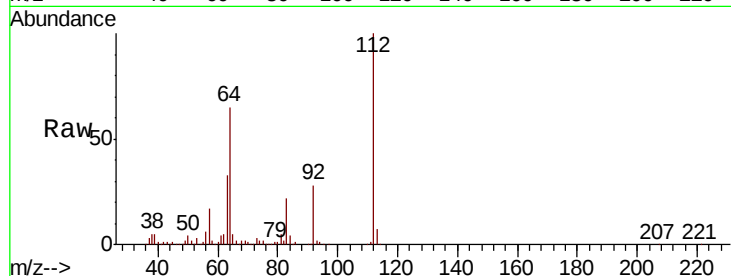
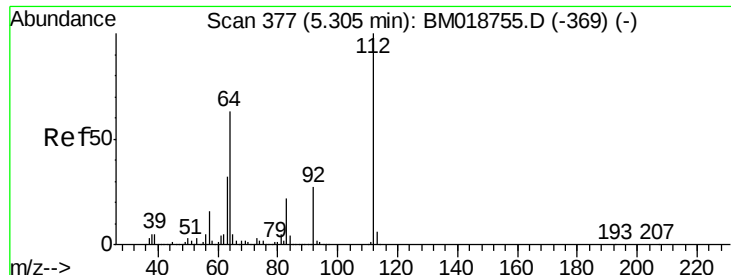
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20000

3.56

Time-->





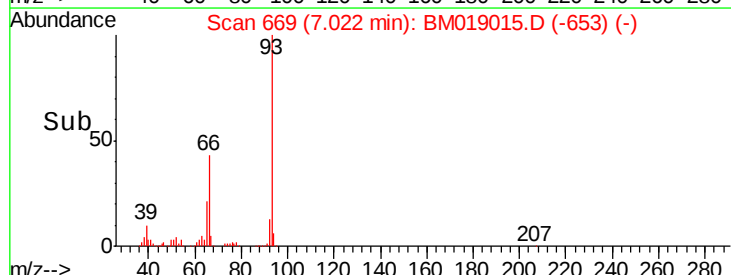
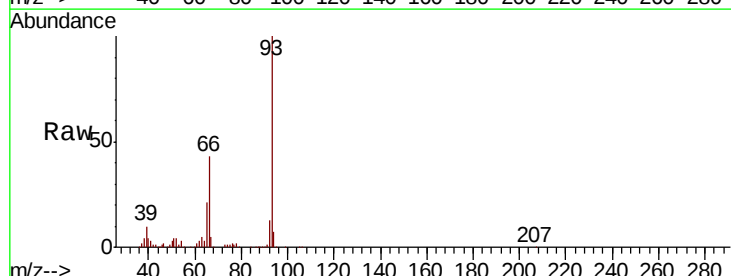
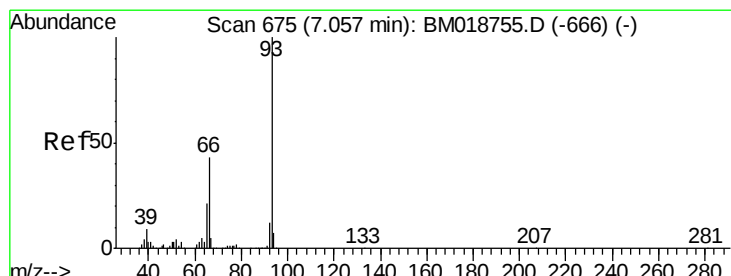
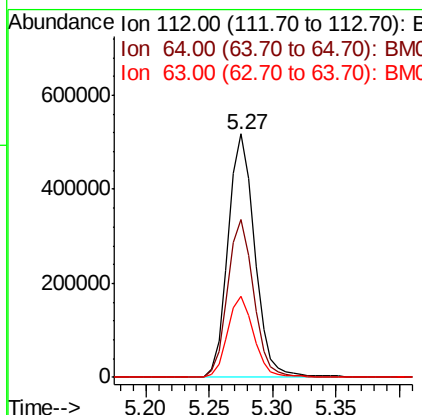
#5
2-Fluorophenol
Concen: 46.573 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tot Ion	Ratio	Resp	Lower	Upper
112	100	754008		
64	64.8	50.6	75.8	
63	33.5	25.7	38.5	

Instrument :
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ClientSampleId :
A0C1-TWPMS

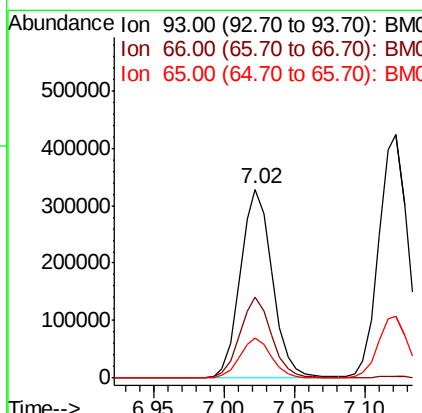
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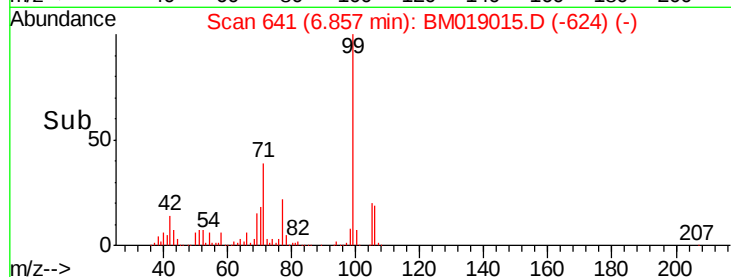
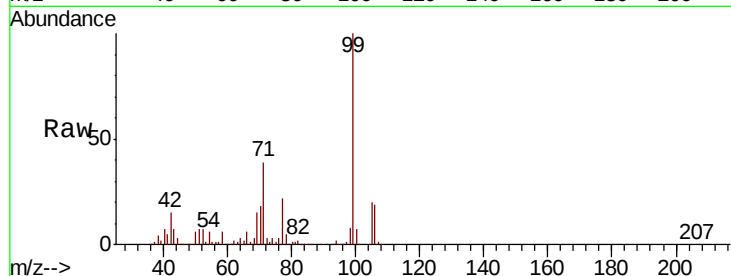
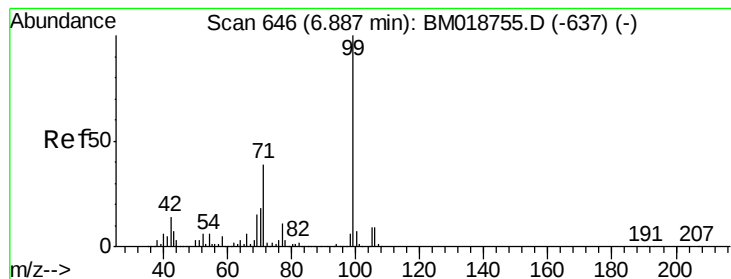
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#6
Aniline
Concen: 18.749 ng
RT: 7.02 min Scan# 669
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	523929		
66	43.2	34.1	51.1	
65	20.9	16.6	24.8	





#7

Phenol-d6

Concen: 29.490 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tot Ion:	99	Resp:	672604
Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.0	16.6
71	38.6	31.3	46.9

Instrument :

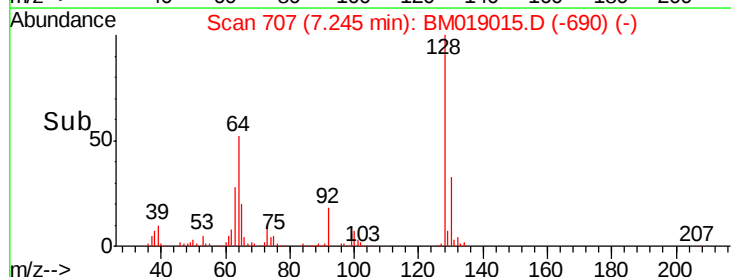
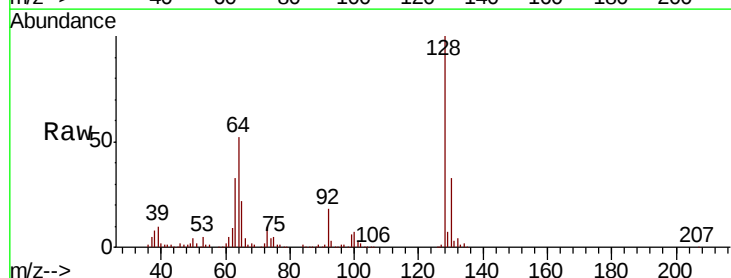
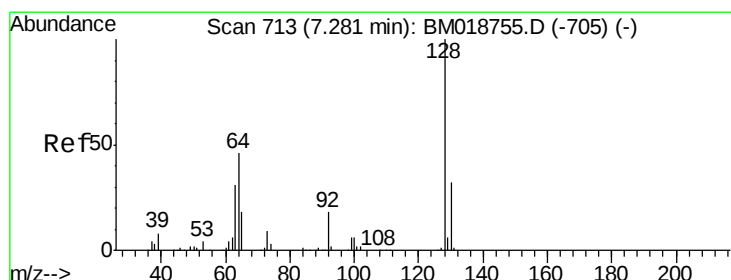
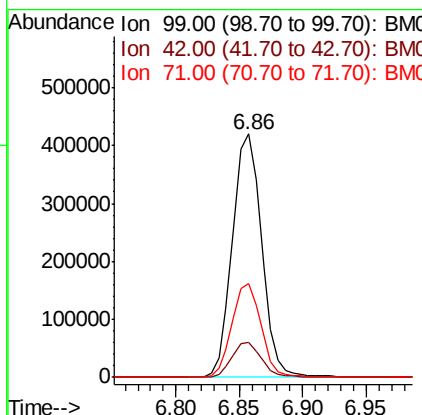
BNA_M

ClientSampled :

A0C1-TWPMS

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#8

2-Chlorophenol

Concen: 28.410 ng

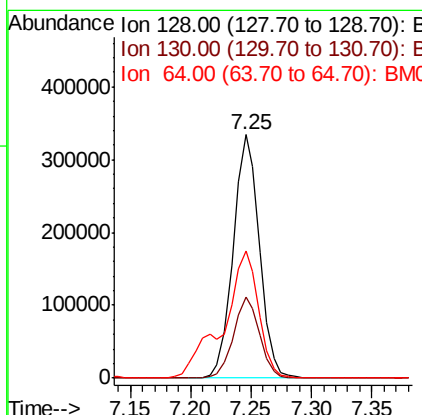
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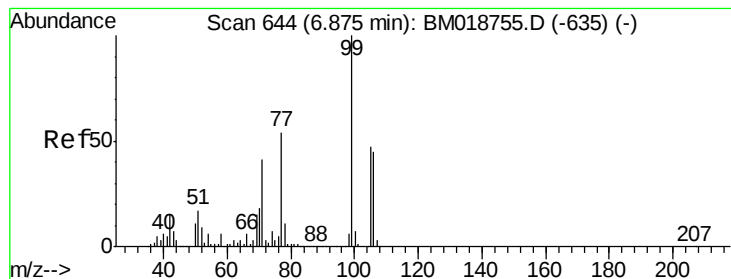
Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:	128	Resp:	504983
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.7	51.7
64	52.3	31.0	71.0





#9

Benzaldehyde

Concen: 47.587 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

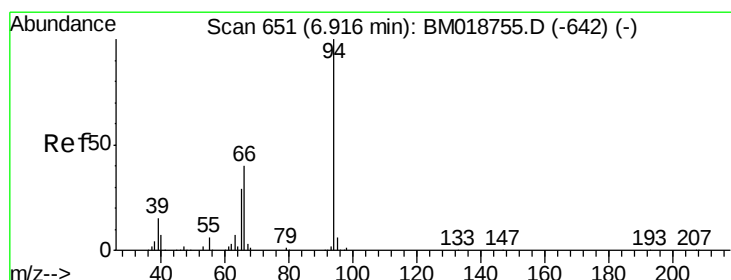
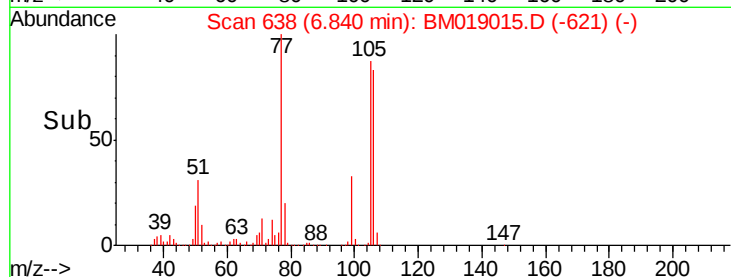
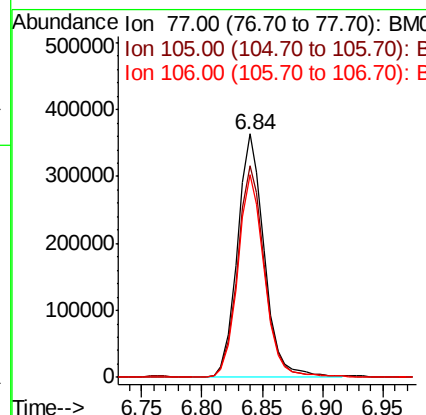
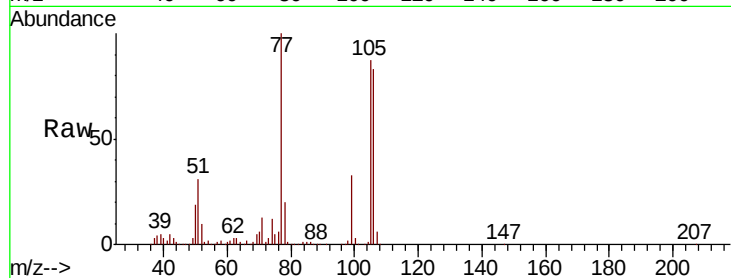
ClientSampleId :

A0C1-TWPMS

Tot Ion:	77	Resp:	564407
Ion	Ratio	Lower	Upper
77	100		
105	86.7	67.3	107.3
106	83.1	62.9	102.9

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#10

Phenol

Concen: 13.337 ng

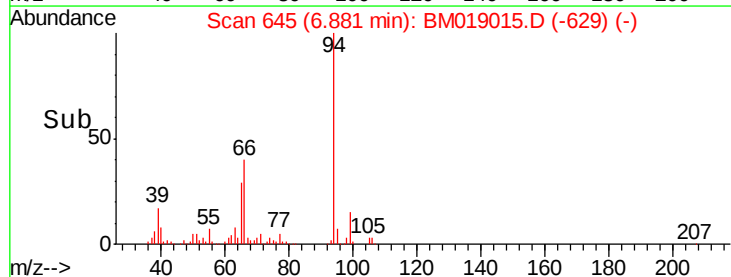
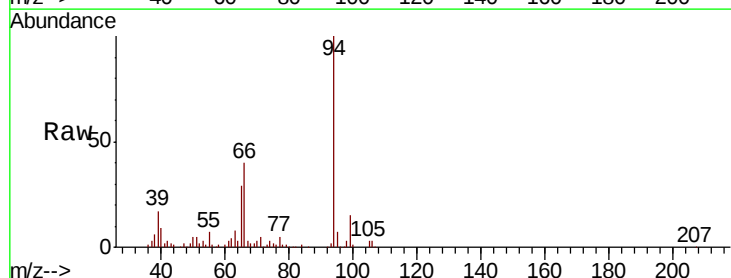
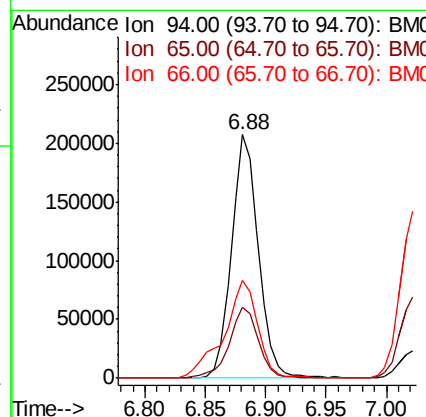
RT: 6.88 min Scan# 645

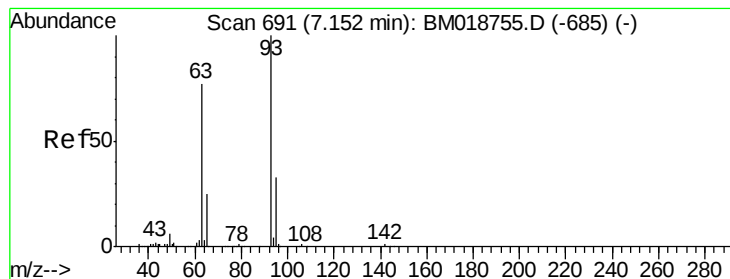
Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:	94	Resp:	320068
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.6	49.6
66	40.1	20.4	60.4





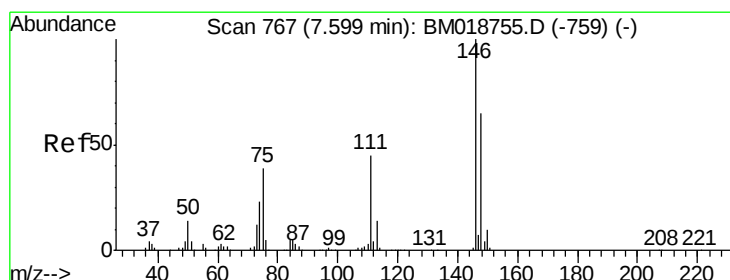
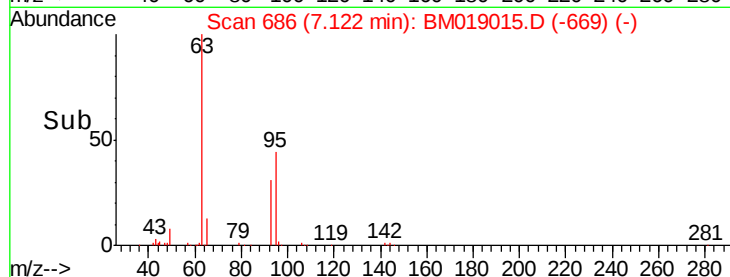
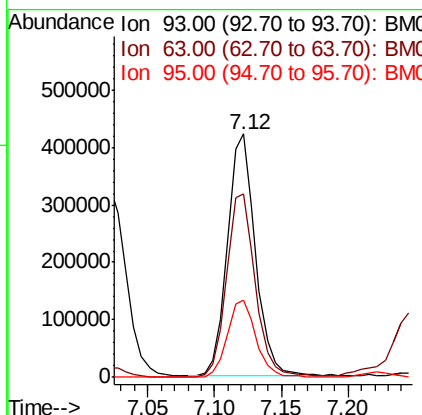
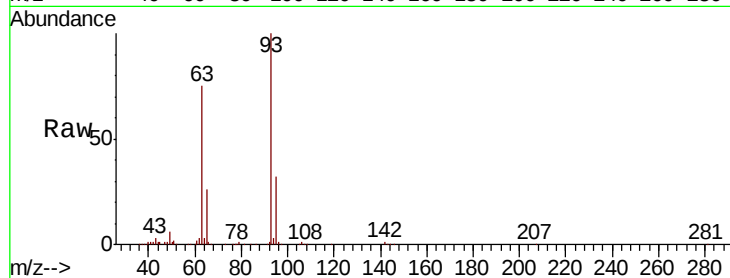
#11
bis(2-Chloroethyl)ether
Concen: 33.590 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.0	97.0
95	31.6	12.4	52.4

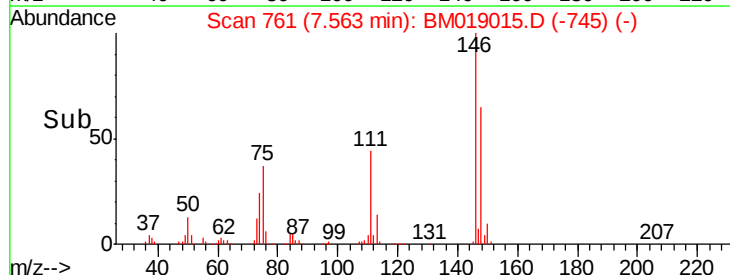
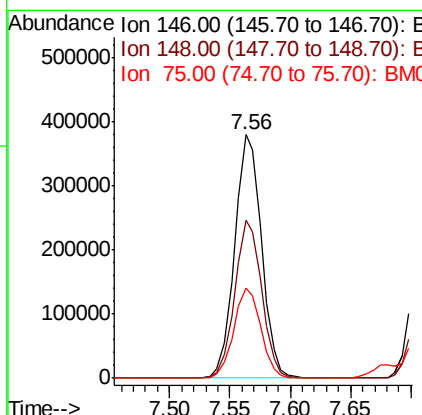
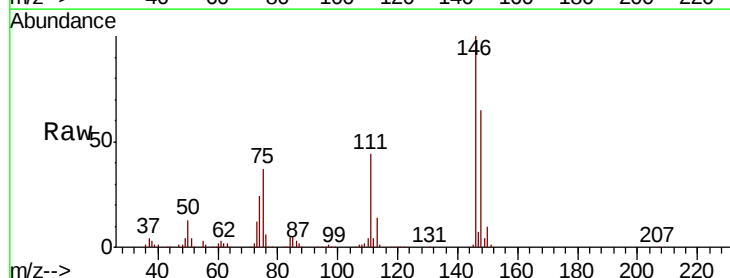
Manual Integrations
APPROVED

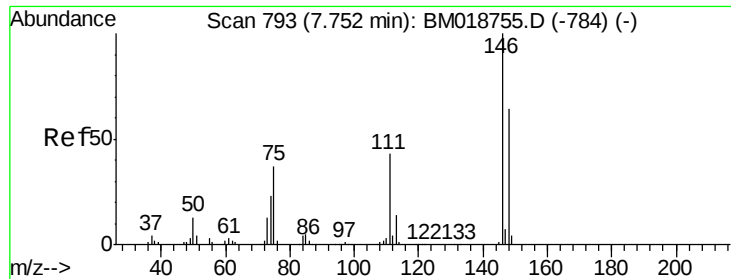
Sohil
3/5/2019 5:23:45 PM



#12
1,3-Dichlorobenzene
Concen: 29.430 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	37.1	31.3	46.9





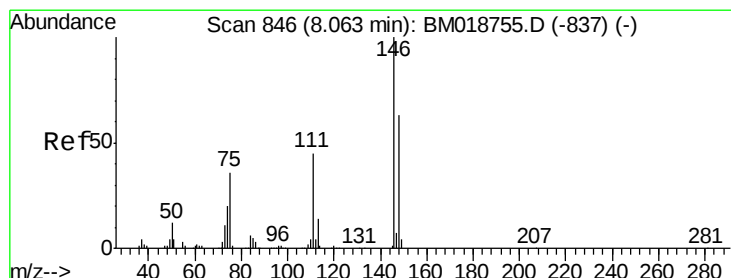
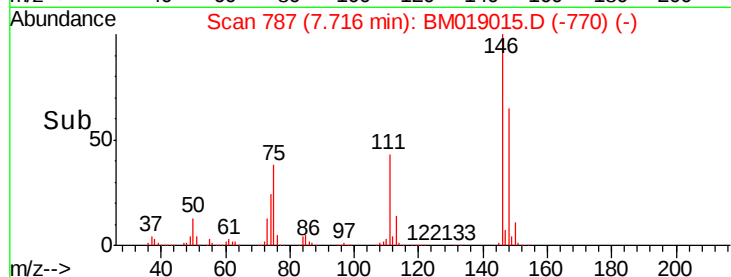
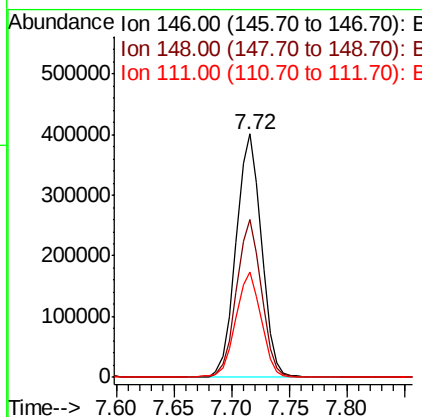
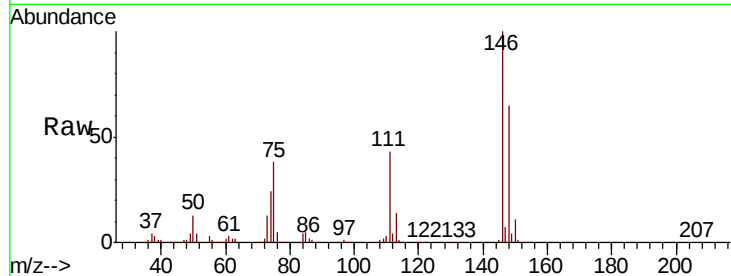
#13
1,4-Dichlorobenzene
Concen: 30.009 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	43.1	34.6	52.0

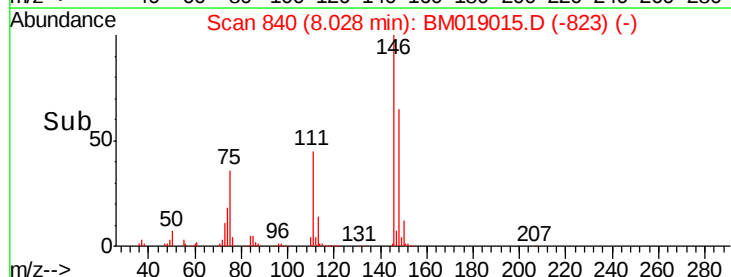
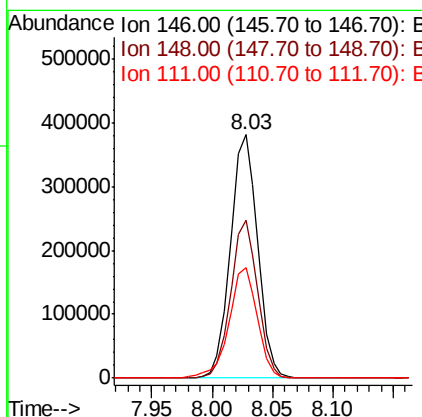
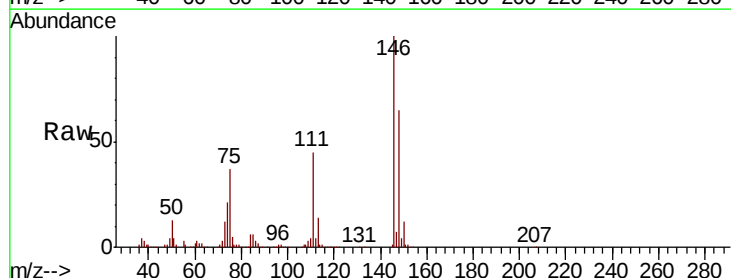
Manual Integrations
APPROVED

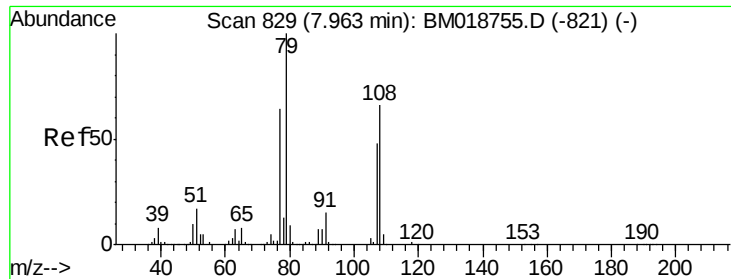
Sohil
3/5/2019 5:23:45 PM



#14
1,2-Dichlorobenzene
Concen: 30.582 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	45.1	35.9	53.9





#15

Benzyl Alcohol

Concen: 22.518 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

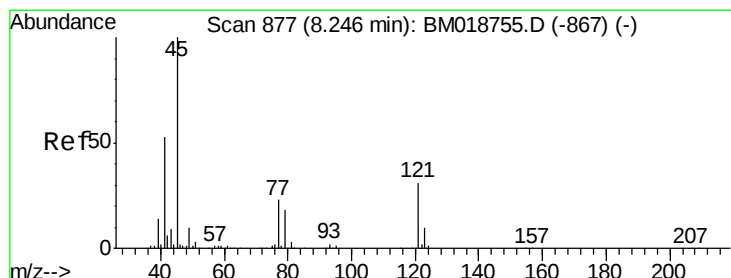
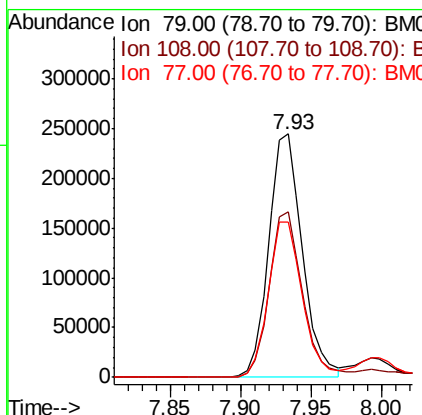
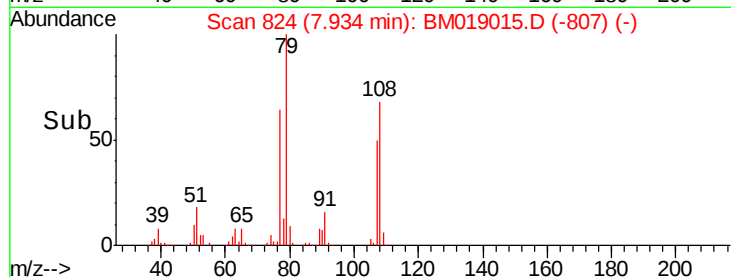
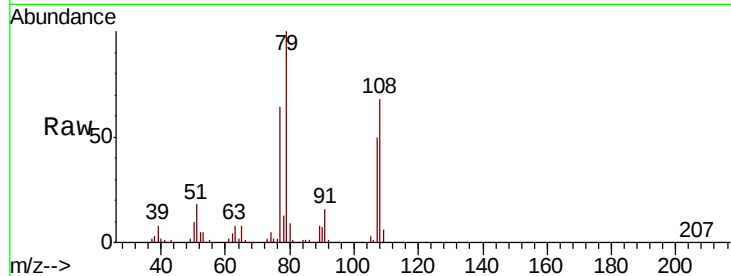
ClientSampled :

A0C1-TWPMS

Tot Ion:	79	Resp:	408087
Ion Ratio	Lower	Upper	
79	100		
108	68.1	52.7	79.1
77	63.9	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.326 ng

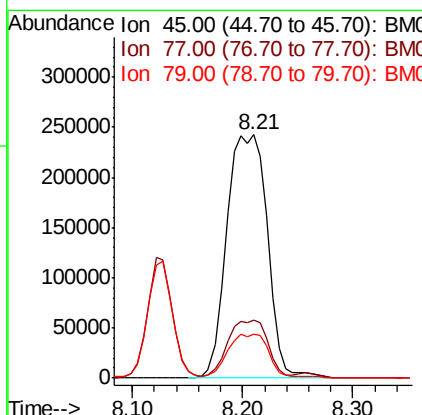
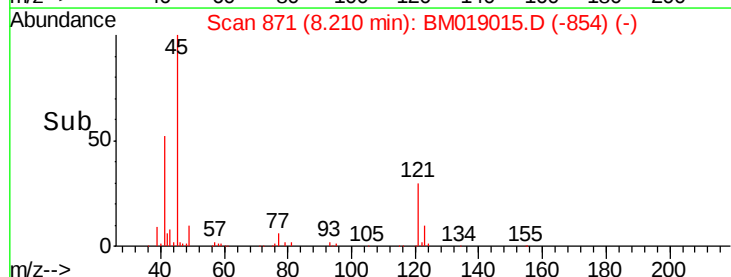
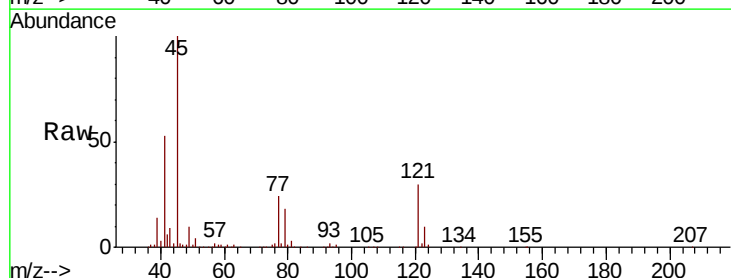
RT: 8.21 min Scan# 871

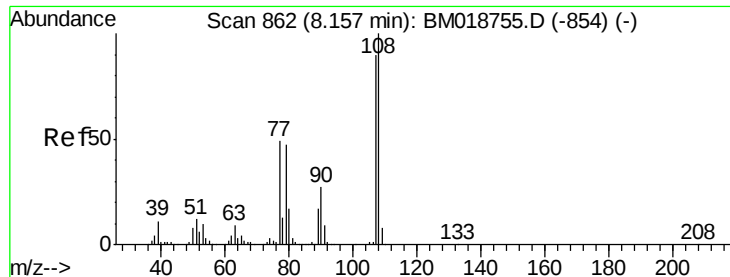
Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:	45	Resp:	625903
Ion Ratio	Lower	Upper	
45	100		
77	23.7	5.0	45.0
79	18.0	0.0	39.3





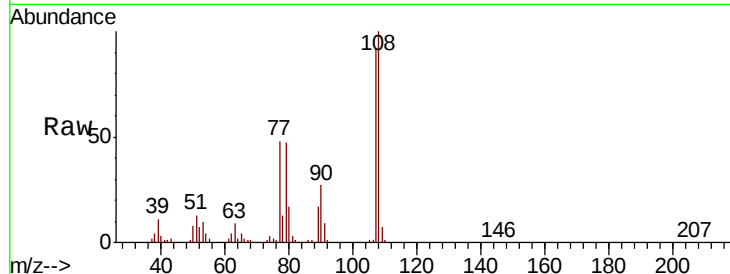
#17
2-Methylphenol
Concen: 23.679 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	88.8	133.2	
77	52.2	44.0	66.0	
79	51.4	42.4	63.6	

Manual Integrations
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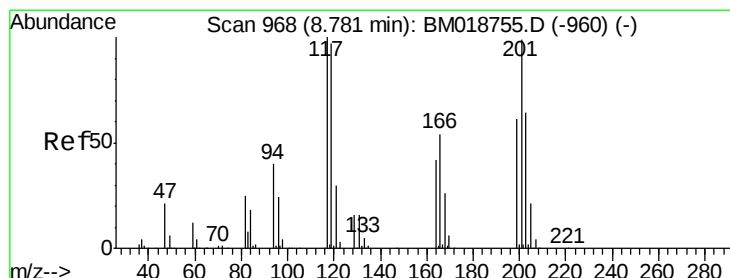
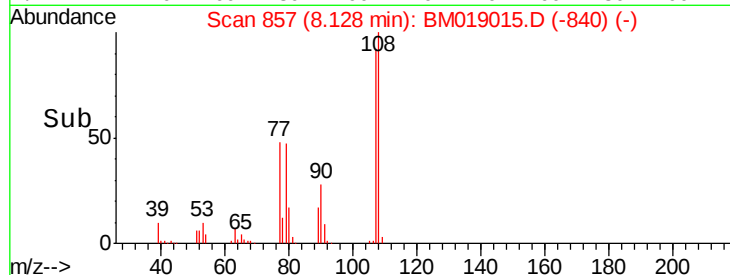
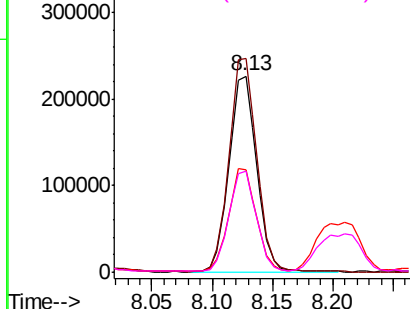
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 29.521 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

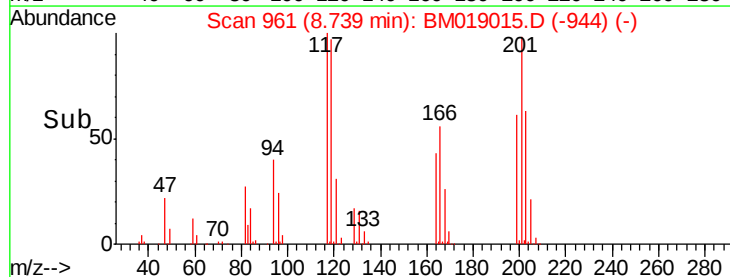
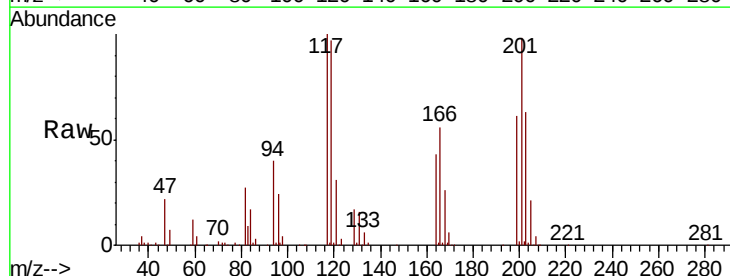
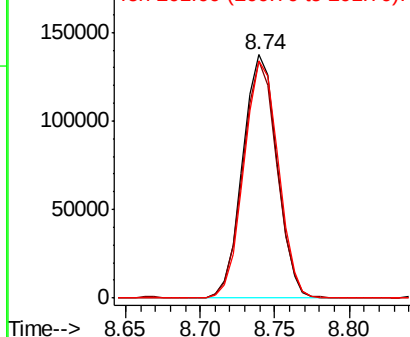
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.9	116.9	
201	97.7	79.2	118.8	

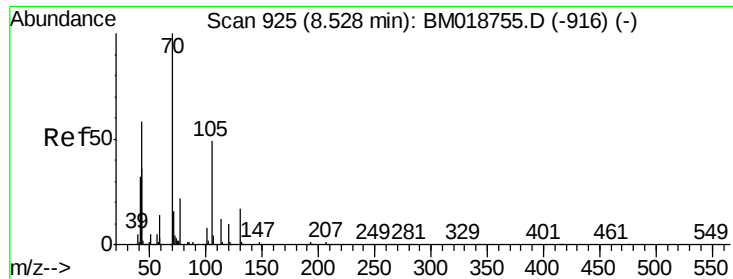
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





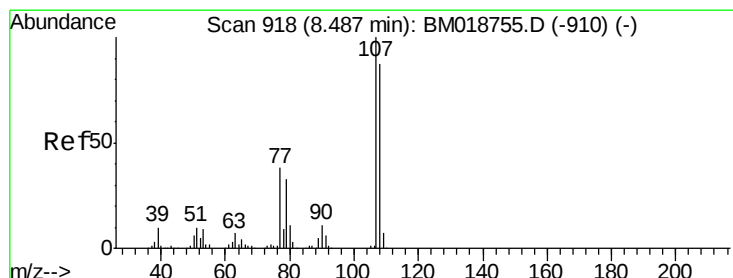
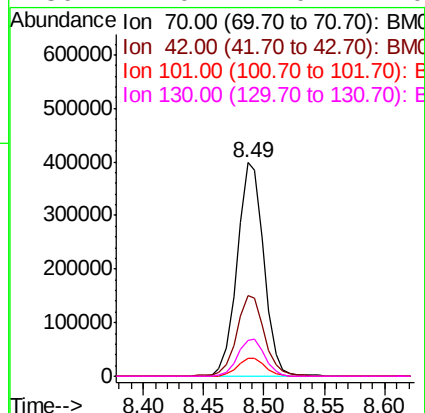
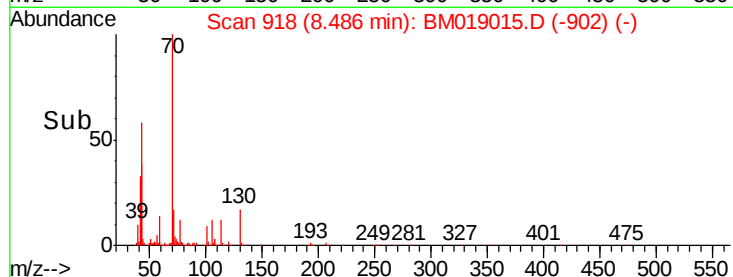
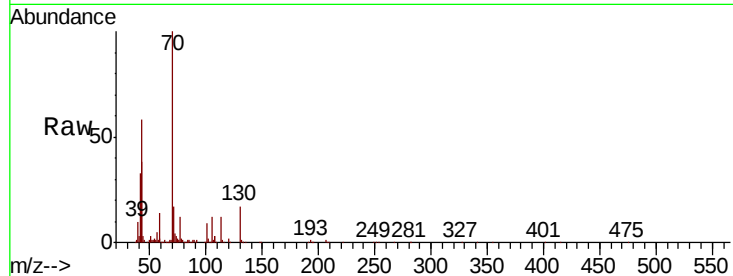
#19
n-Nitroso-di-n-propylamine
Concen: 34.711 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.9	29.4	44.0	
101	8.5	6.7	10.1	
130	17.0	14.0	21.0	

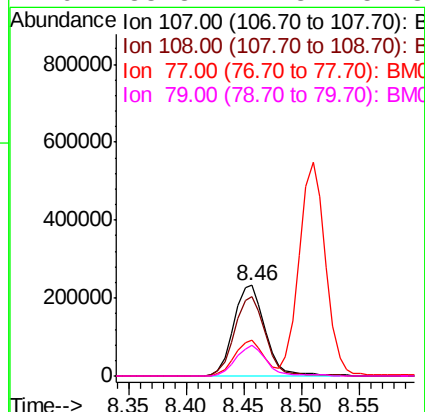
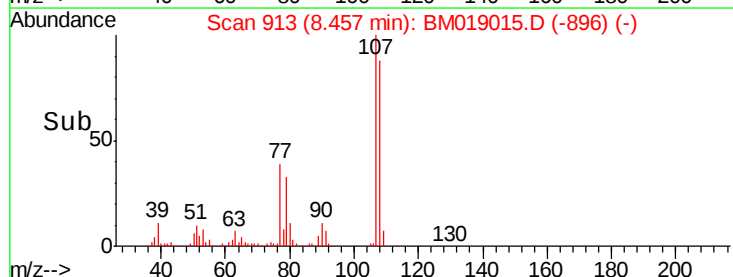
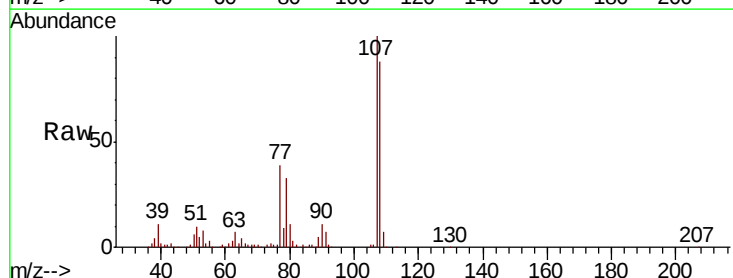
Manual Integrations
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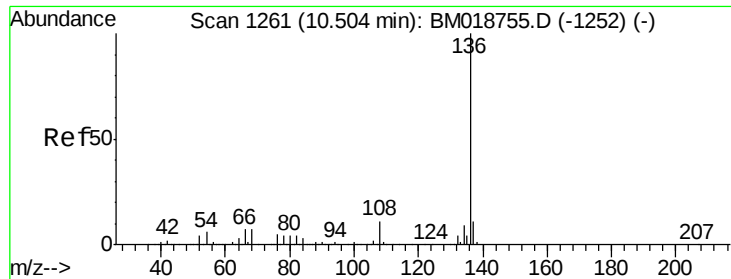
Sohil
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#20
3+4-Methylphenols
Concen: 20.894 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	67.3	107.3	
77	39.0	18.0	58.0	
79	33.3	12.8	52.8	





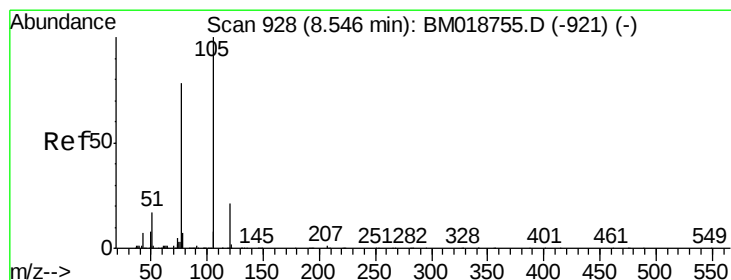
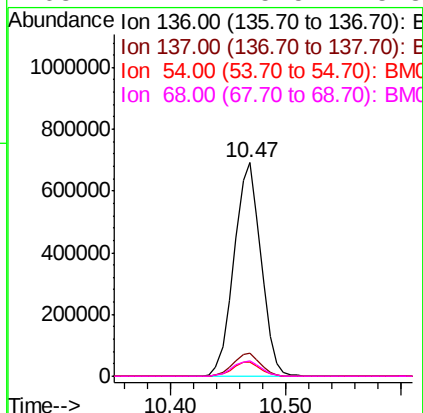
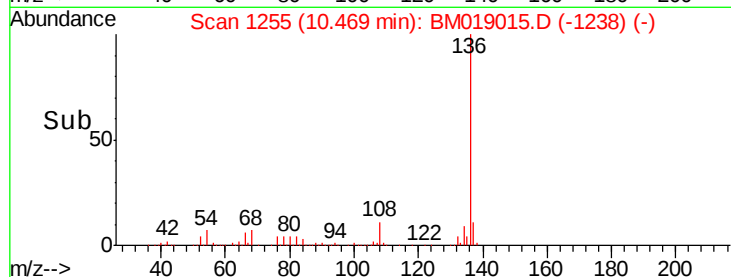
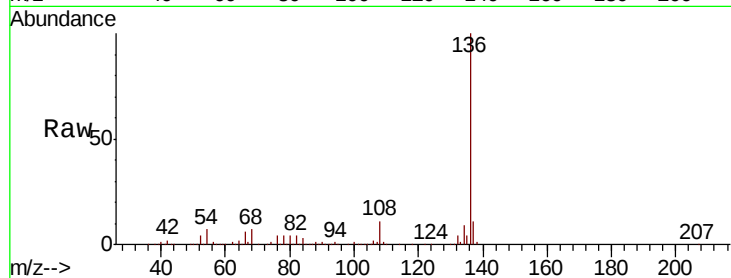
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.0	7.6
68	7.4	5.5	8.3

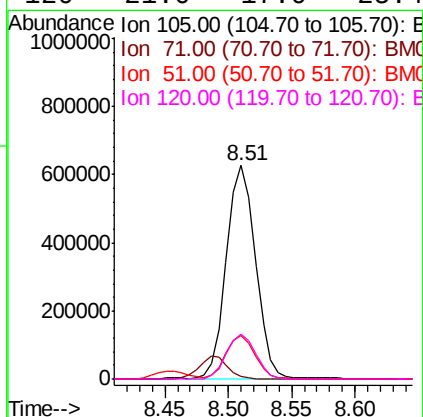
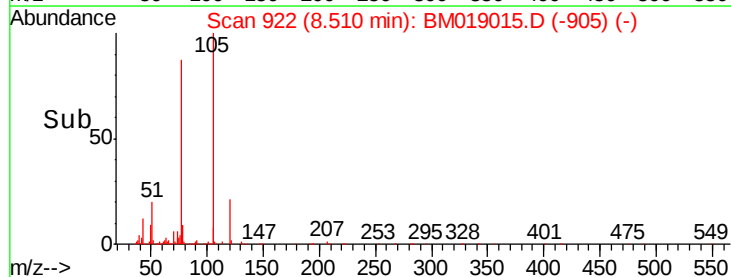
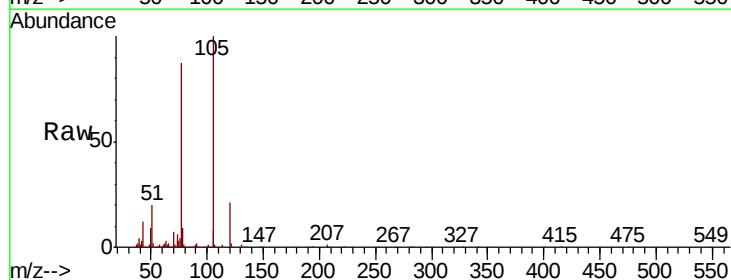
Manual Integrations
APPROVED

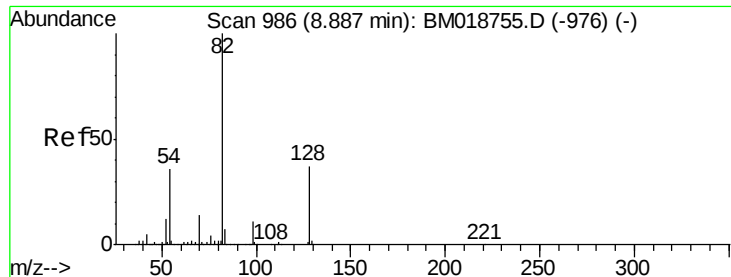
Sohil
3/5/2019 5:23:45 PM



#22
Acetophenone
Concen: 32.492 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.1	1.7
51	20.3	15.5	23.3
120	21.0	17.0	25.4





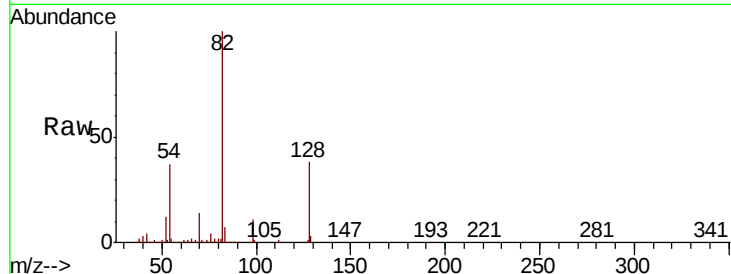
#23
 Nitrobenzene-d5
 Concen: 70.647 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	37.4	29.1	43.7

Manual Integrations
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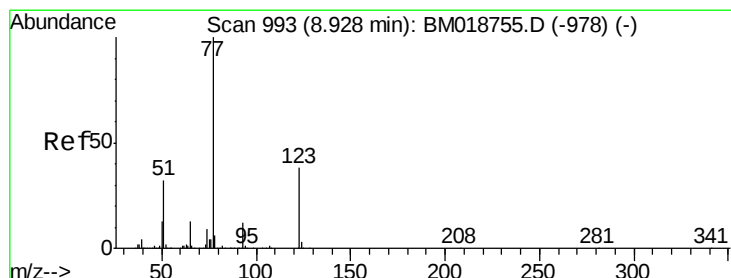
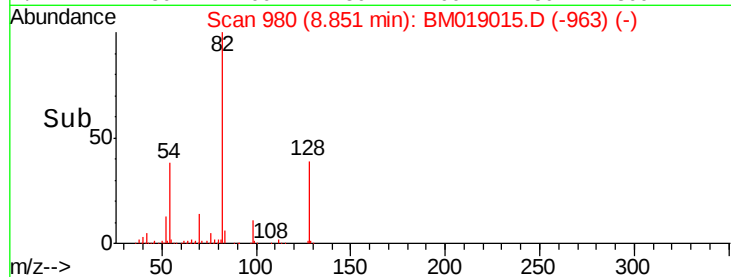
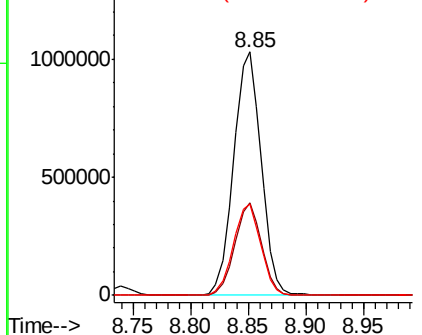
Sohil
 3/5/2019 5:23:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



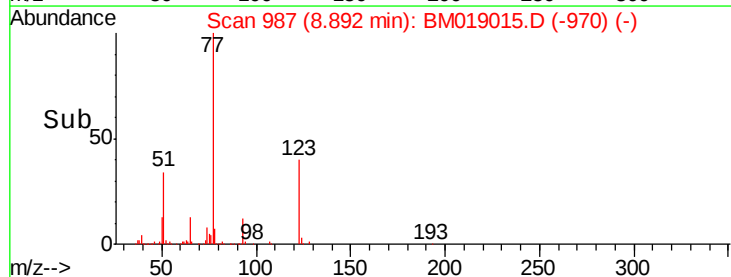
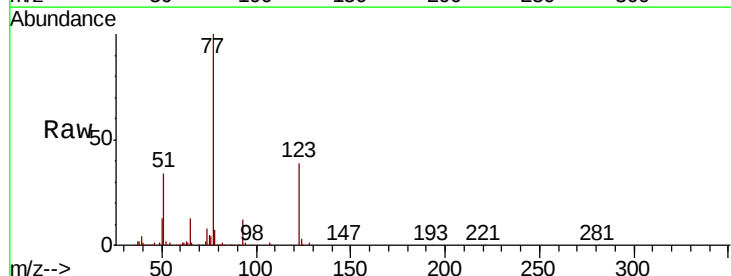
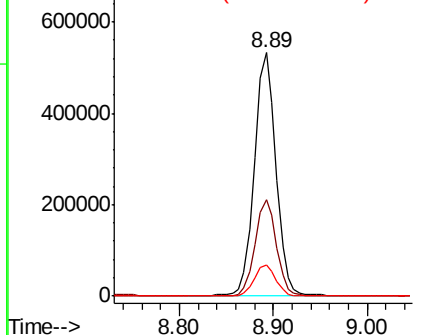
#24
 Nitrobenzene
 Concen: 33.713 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

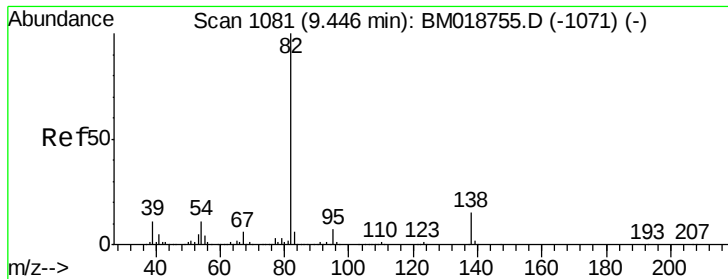
Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.7	46.1
65	12.9	10.5	15.7

Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





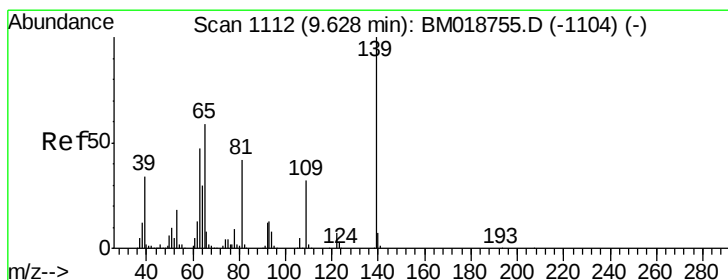
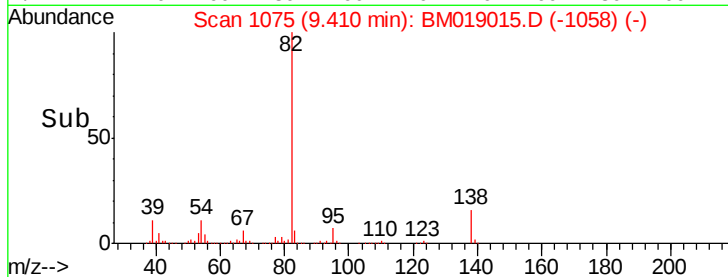
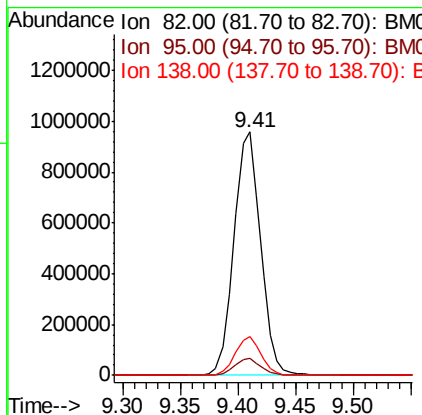
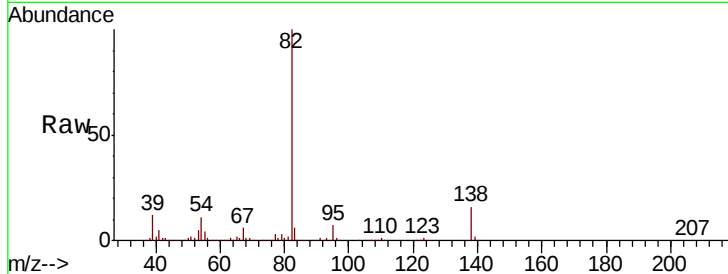
#25
Isophorone
Concen: 39.778 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.9	12.3	18.5

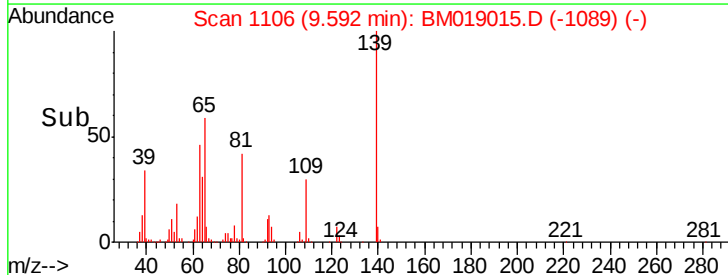
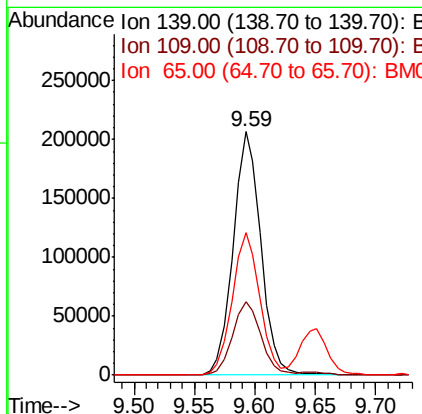
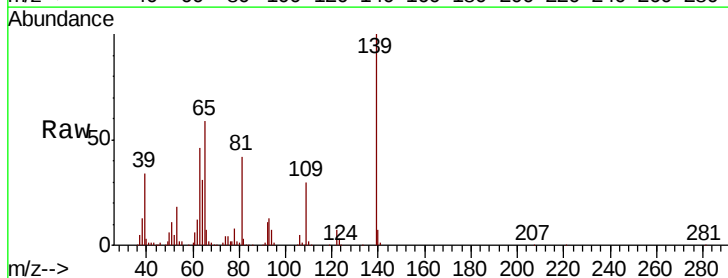
Manual Integrations
APPROVED

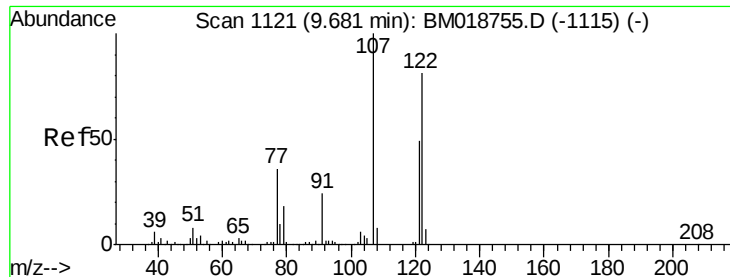
Sohil
3/5/2019 5:23:45 PM



#26
2-Nitrophenol
Concen: 33.180 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	25.2	37.8
65	58.6	47.0	70.4





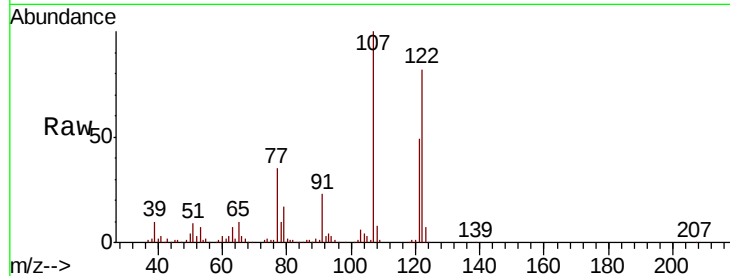
#27
2,4-Dimethylphenol
Concen: 34.374 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	97.6	146.4
121	59.2	47.9	71.9

Manual Integrations
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Sohil
3/5/2019 5:23:45 PM

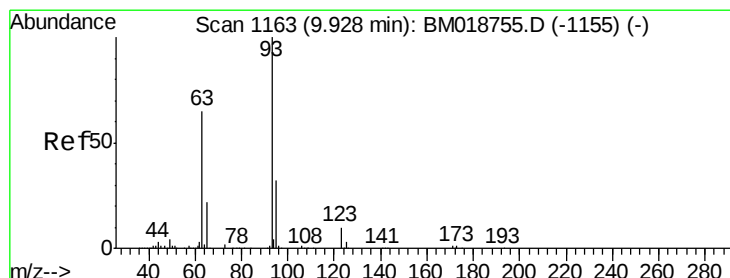
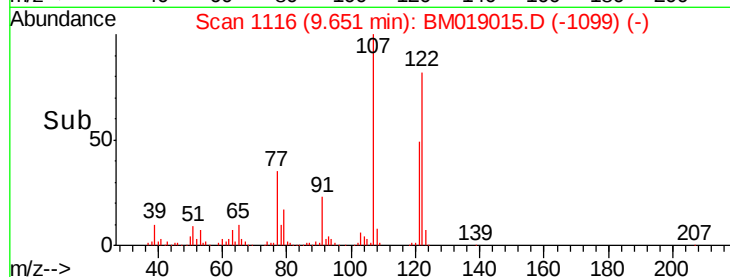
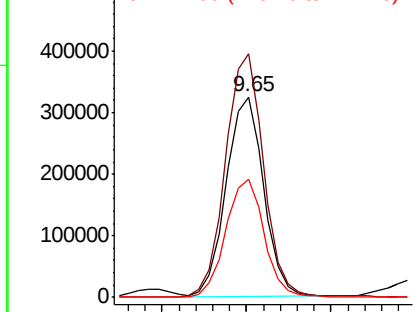


Abundance

Ion 122.00 (121.70 to 122.70): E

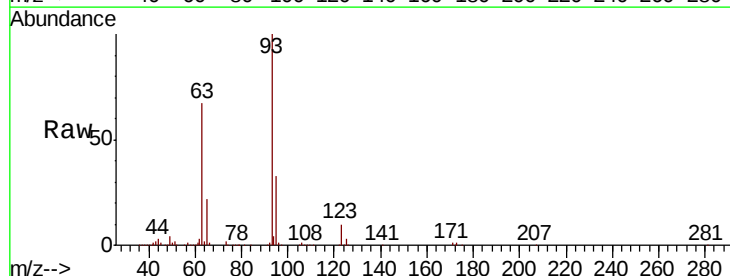
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.225 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.6	38.4
123	10.3	8.2	12.4

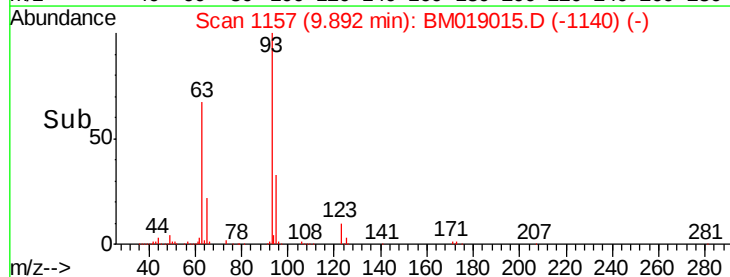
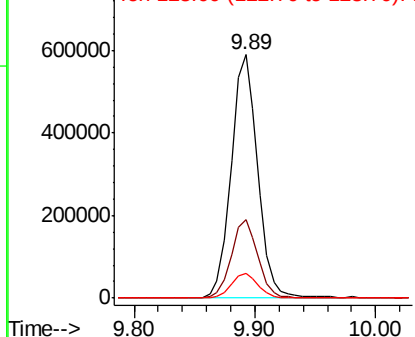


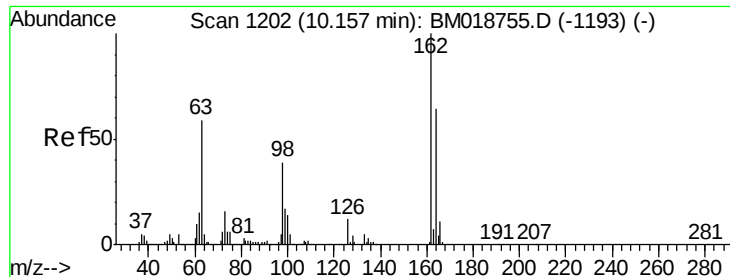
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





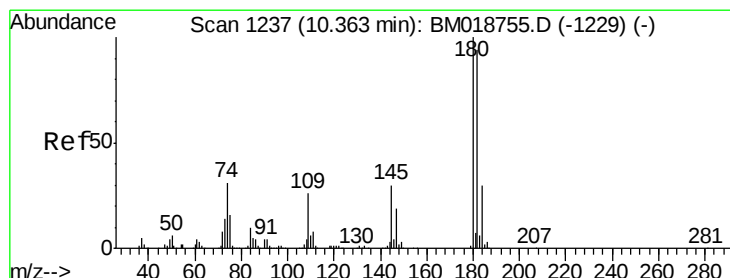
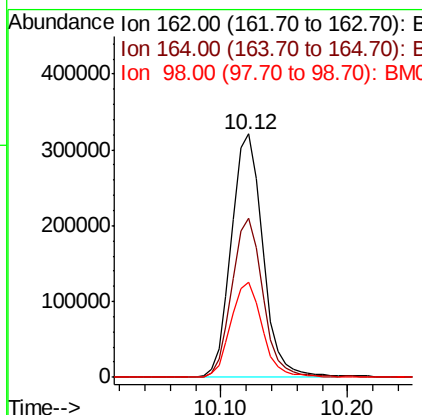
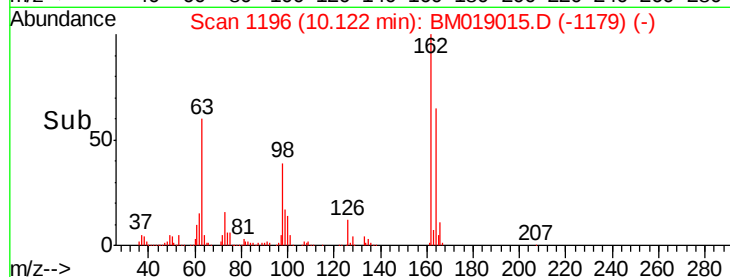
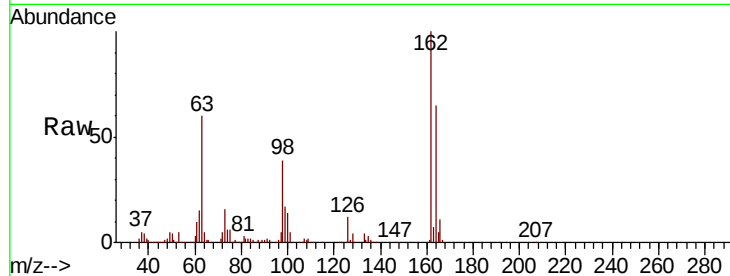
#29
2,4-Dichlorophenol
Concen: 33.042 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.3	44.1	84.1		
98	39.2	19.4	59.4		

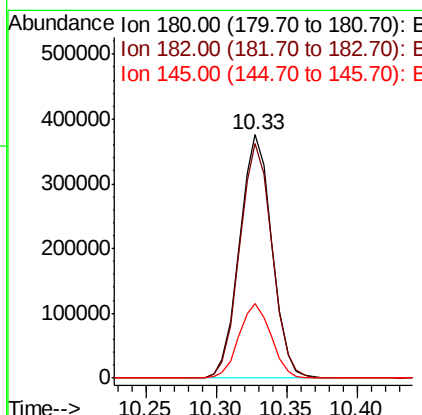
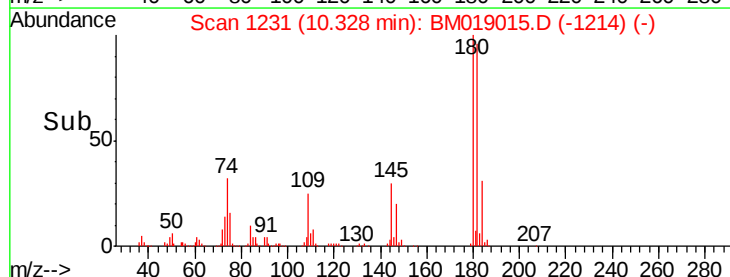
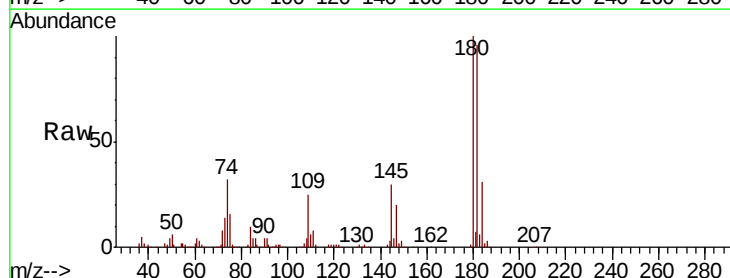
Manual Integrations
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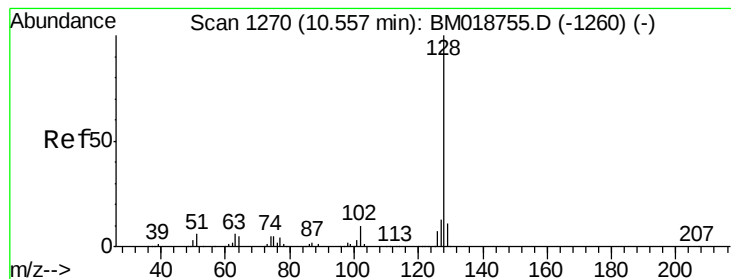
Sohil
3/5/2019 5:23:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.207 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.3	75.0	112.6		
145	30.4	24.1	36.1		





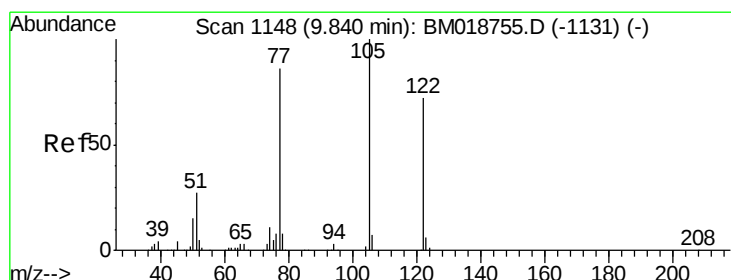
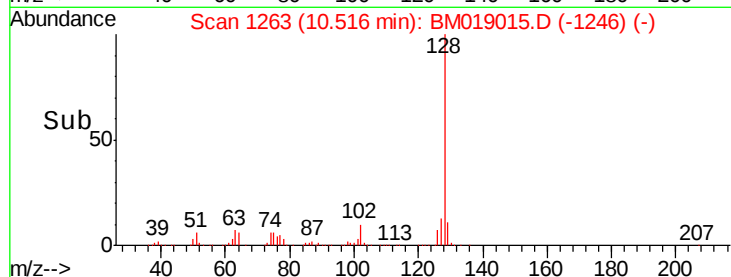
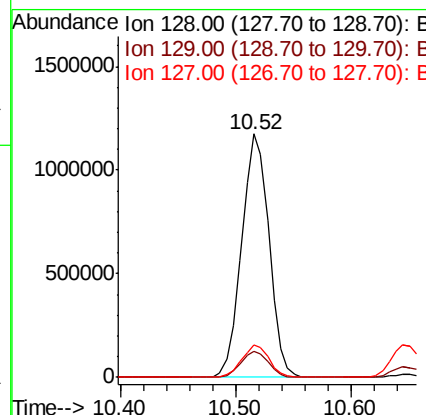
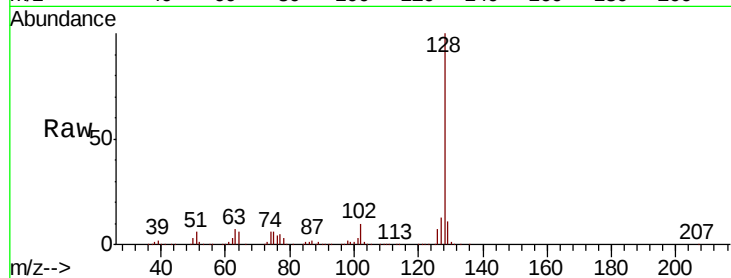
#31
Naphthalene
Concen: 35.340 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.3	10.7	16.1

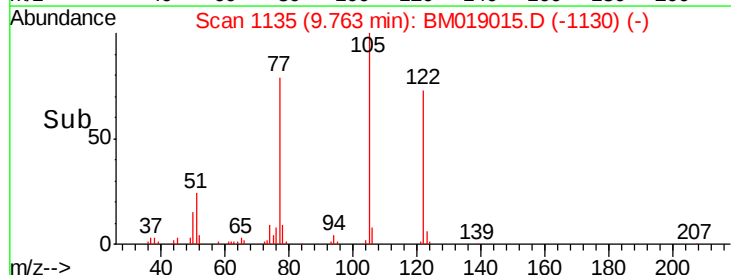
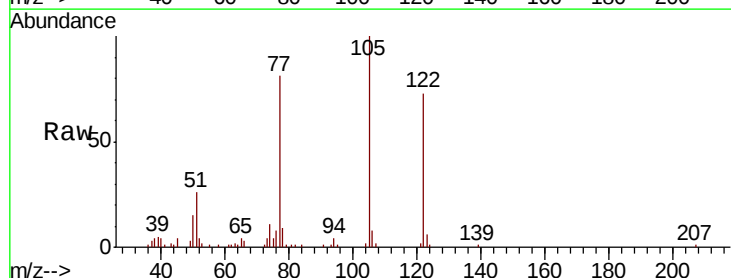
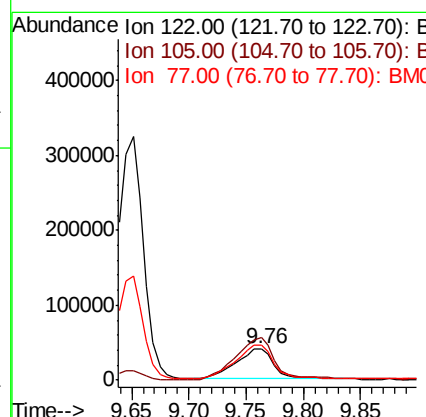
Manual Integrations
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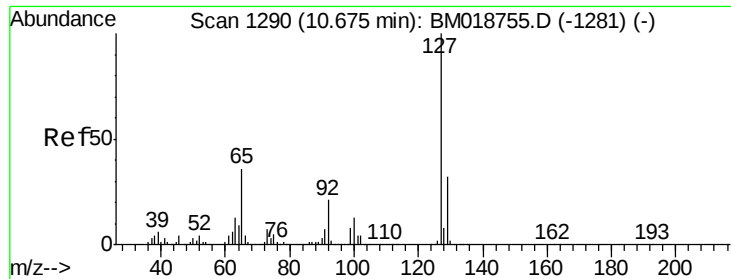
Sohil
3/5/2019 5:23:45 PM



#32
Benzoic acid
Concen: 7.162 ng m
RT: 9.76 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	117.5	157.5
77	111.7	98.5	138.5





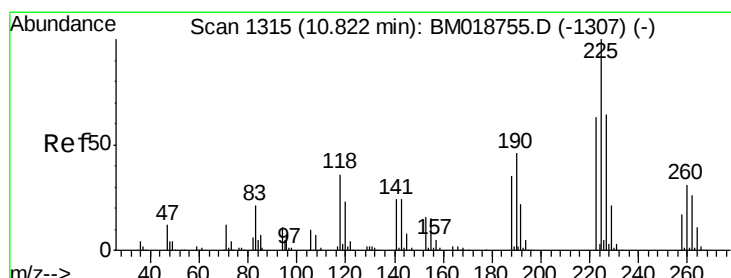
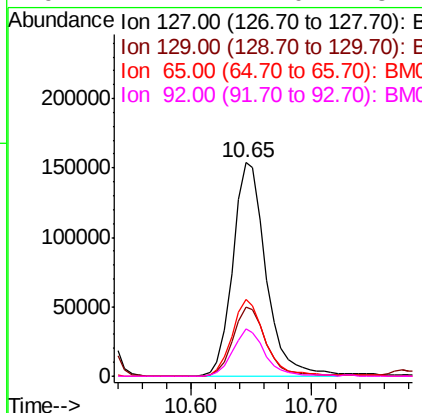
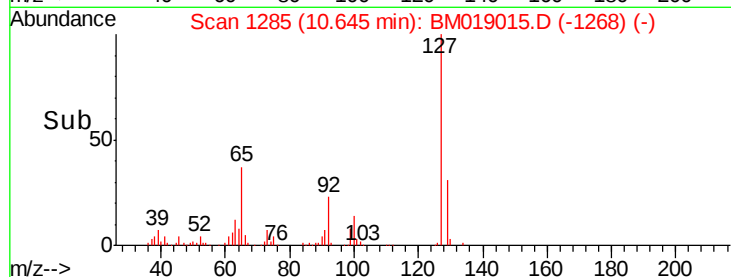
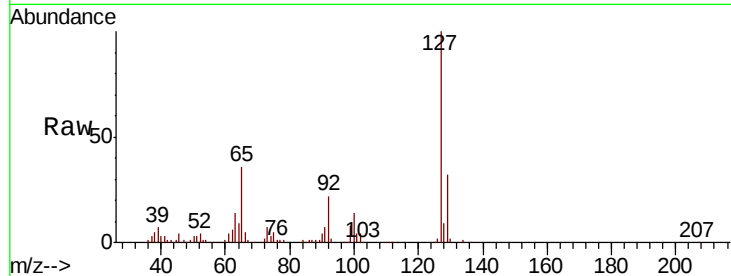
#33
4-Chloroaniline
Concen: 12.135 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.7	38.5		
65	36.0	28.7	43.1		
92	22.2	17.0	25.4		

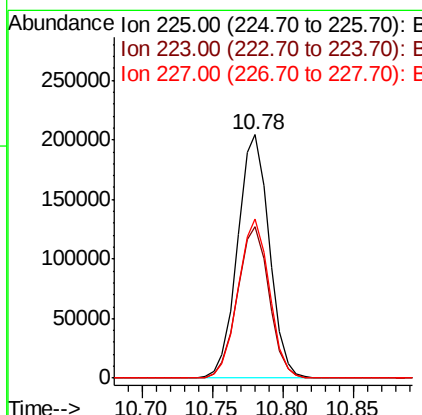
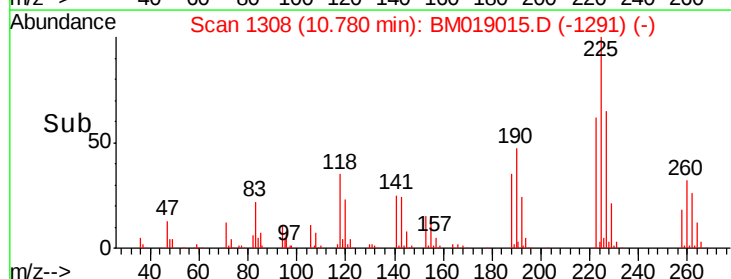
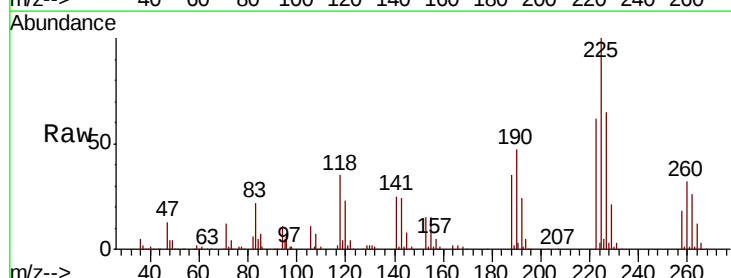
Manual Integrations
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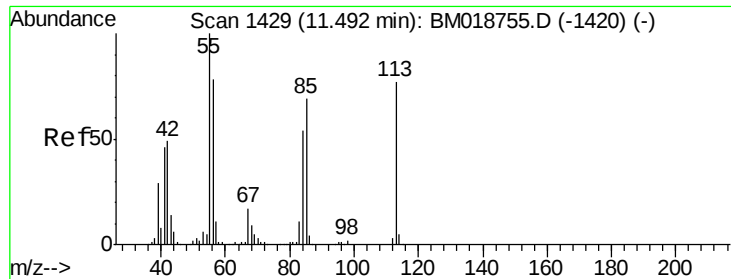
Sohil
3/5/2019 5:23:45 PM



#34
Hexachlorobutadiene
Concen: 28.583 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.1	75.1		
227	65.2	51.4	77.0		





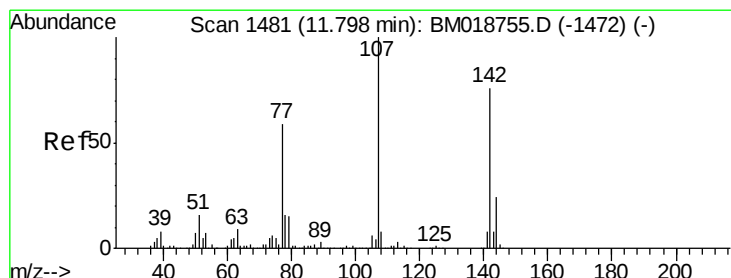
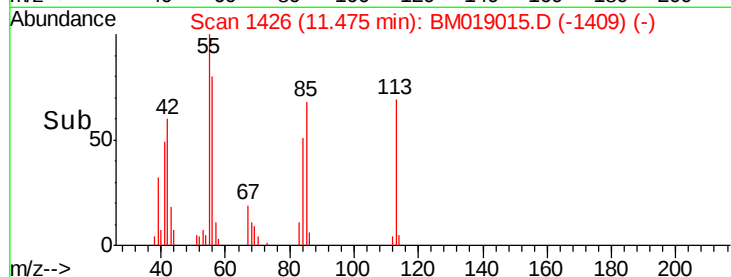
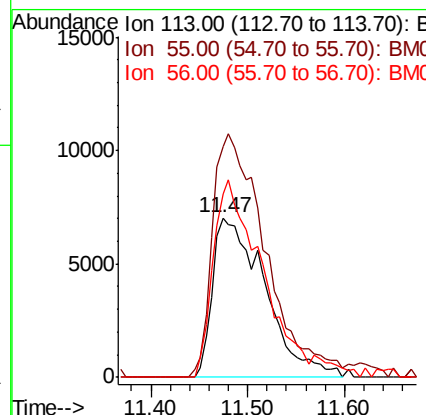
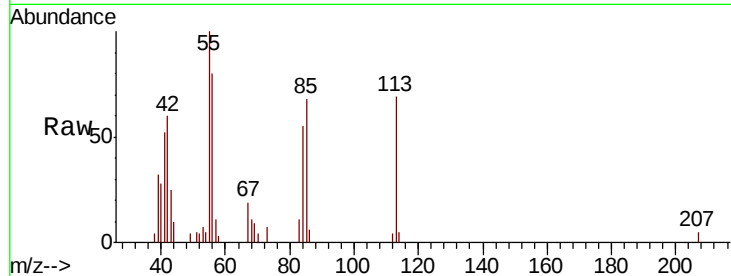
#35
Caprolactam
Concen: 3.860 ng/ml
RT: 11.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleID :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.4	110.7	150.7
56	115.3	82.4	122.4

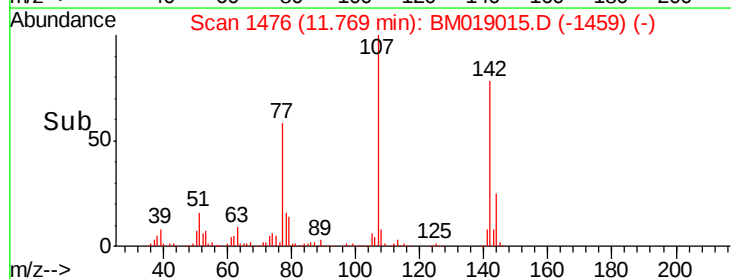
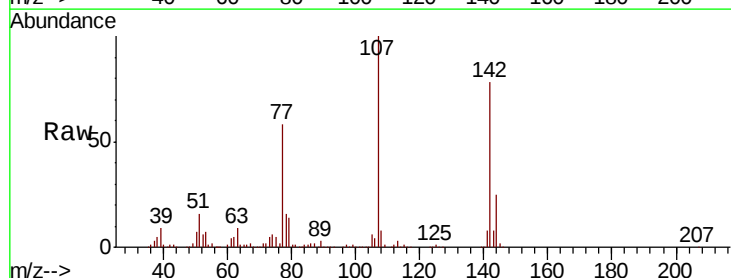
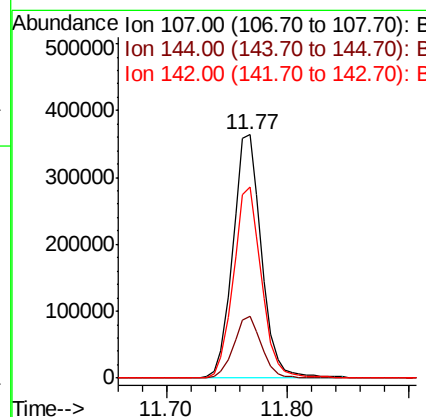
Manual Integrations
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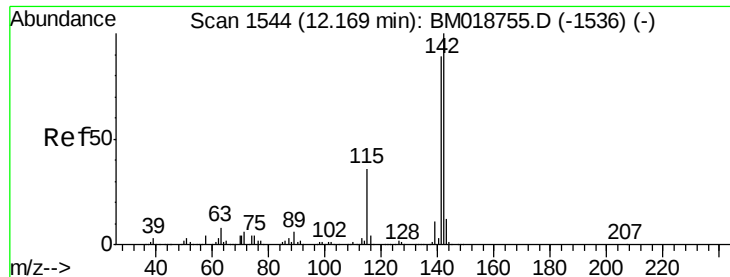
Sohil
3/5/2019 5:23:45 PM



#36
4-Chloro-3-methylphenol
Concen: 29.704 ng
RT: 11.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.3	28.9
142	78.4	60.5	90.7





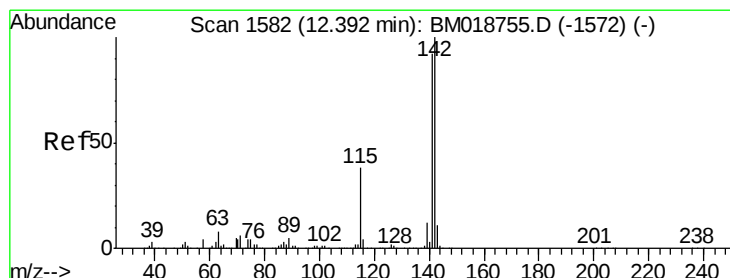
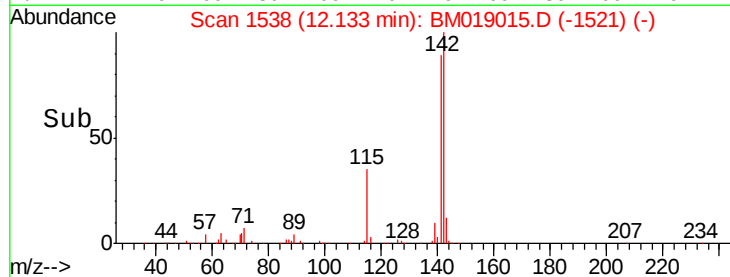
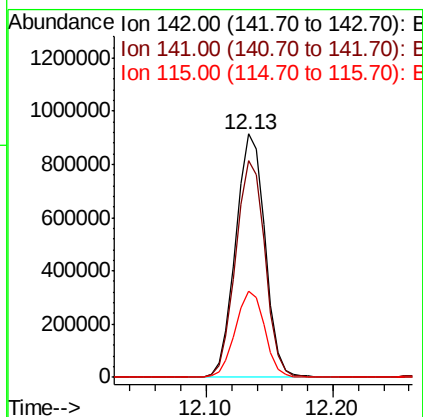
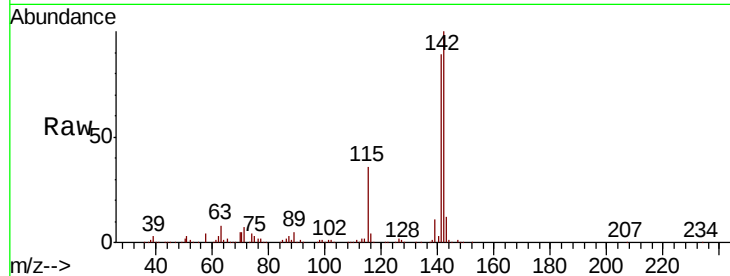
#37
2-Methylnaphthalene
Concen: 38.194 ng
RT: 12.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	35.6	29.1	43.7

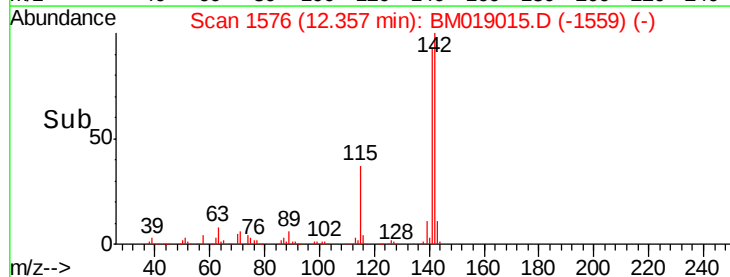
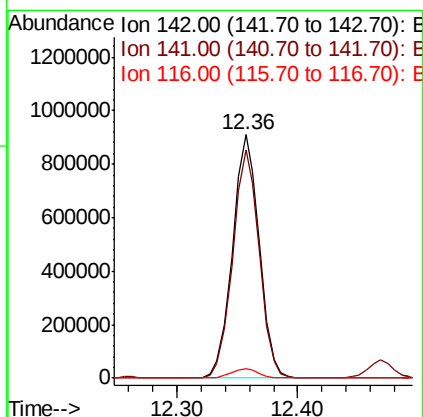
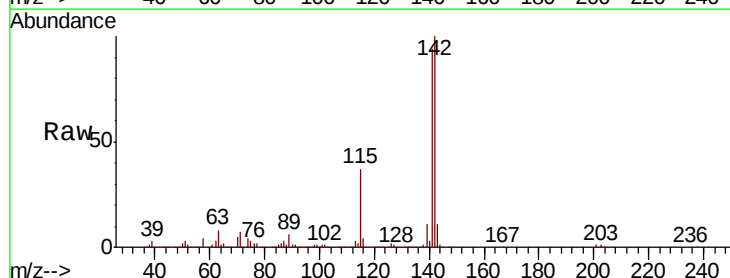
Manual Integrations
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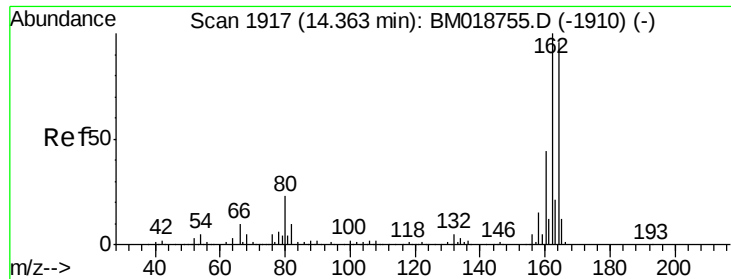
Sohil
3/5/2019 5:23:45 PM



#38
1-Methylnaphthalene
Concen: 37.207 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	3.8	3.0	4.4





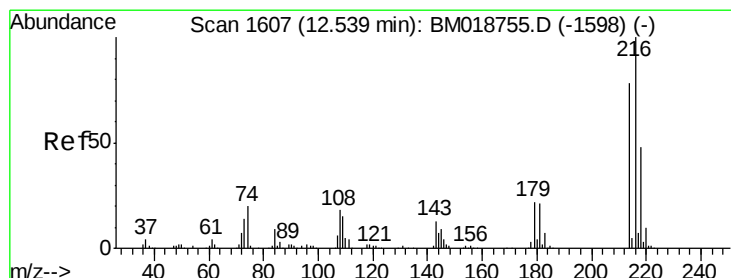
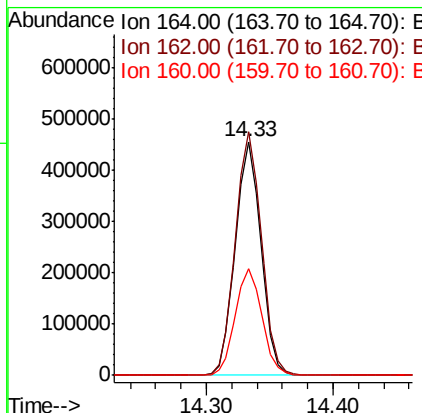
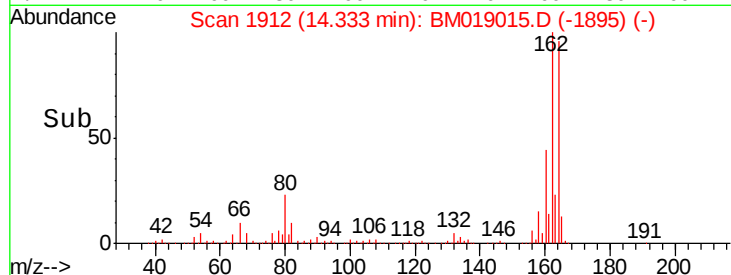
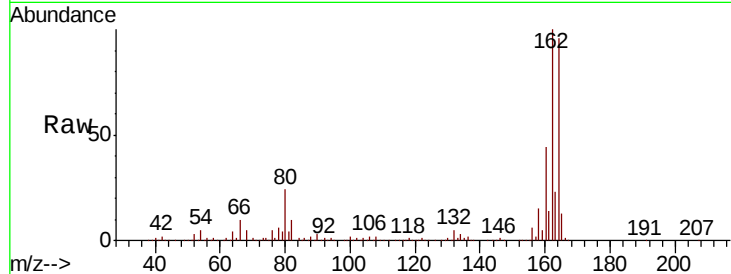
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	45.7	36.6	55.0

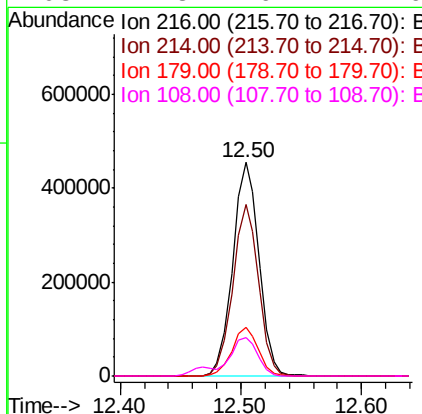
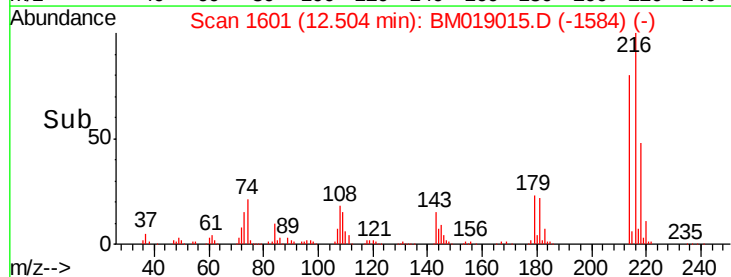
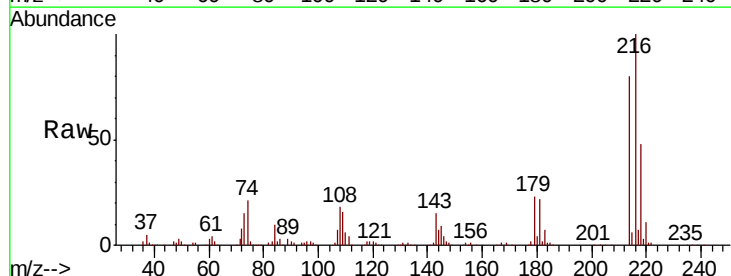
Manual Integrations
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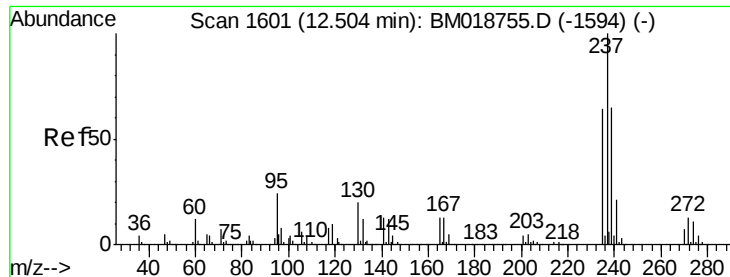
Sohil
3/5/2019 5:23:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.873 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	22.7	17.8	26.8
108	22.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 71.660 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

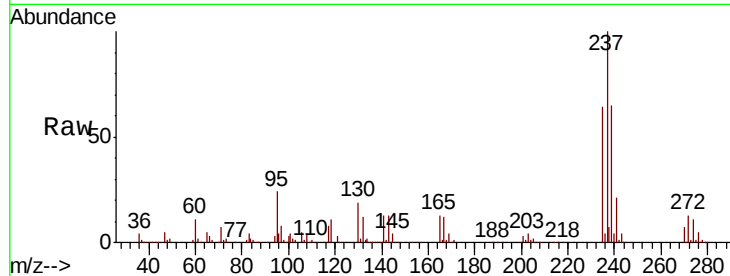
ClientSampleId :

A0C1-TWPMS

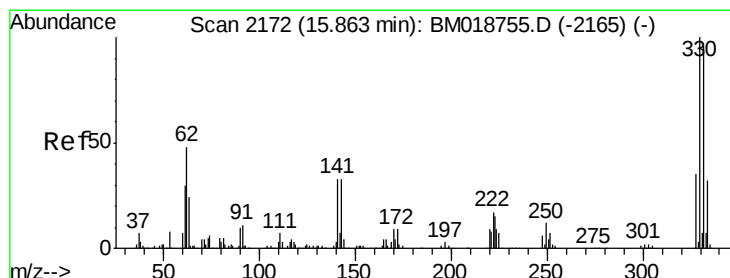
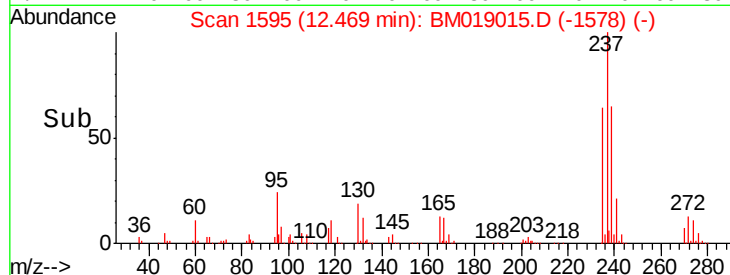
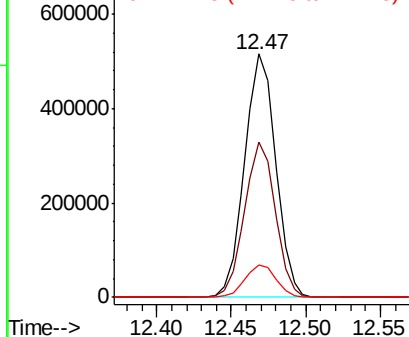
Tot Ion:	237	Resp:	745045
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.7	83.7
272	13.5	0.0	33.3

Manual Integrations
APPROVED

Sohil
3/5/2019 5:23:45 PM



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



#42

2,4,6-Tribromophenol

Concen: 111.149 ng

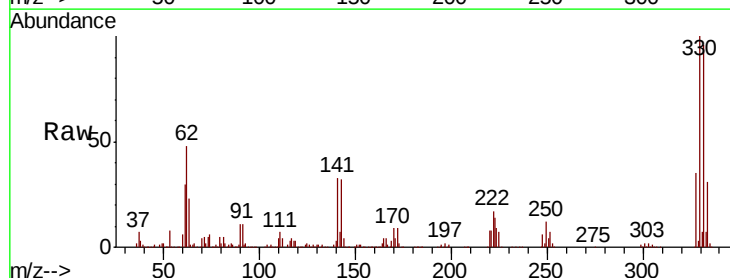
RT: 15.83 min Scan# 2167

Delta R.T. -0.00 min

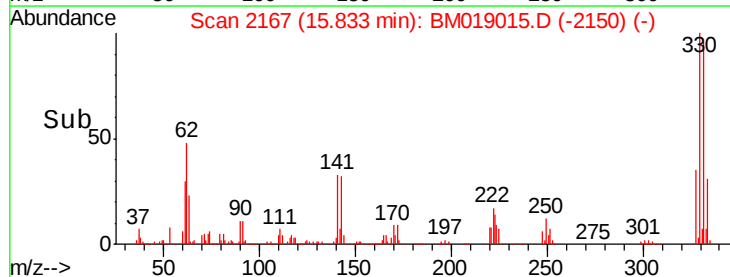
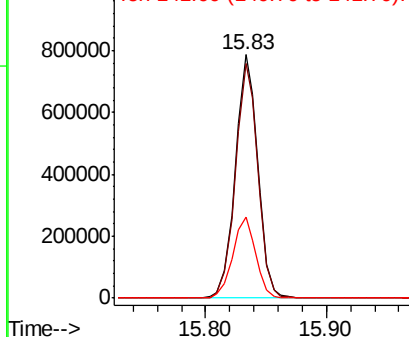
Lab File: BM019015.D

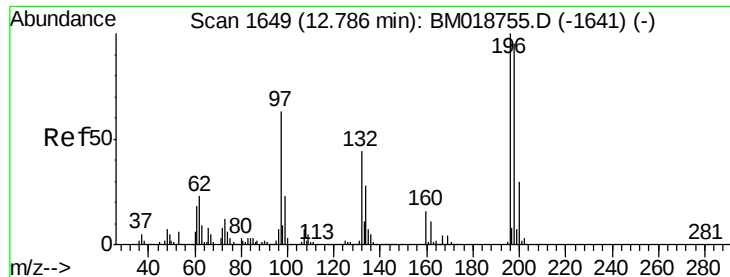
Acq: 04 Mar 2019 18:29

Tgt Ion:	330	Resp:	1018513
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.9	115.3
141	34.1	28.7	43.1



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





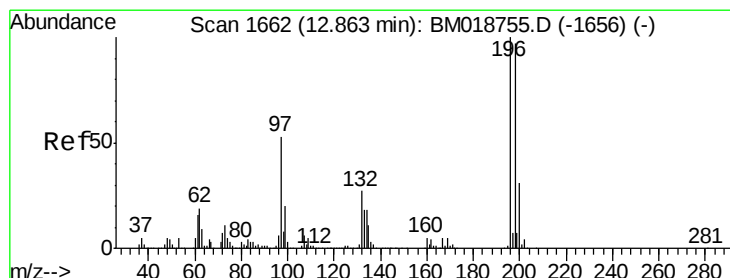
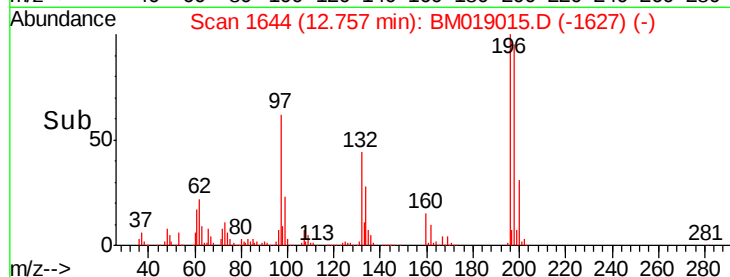
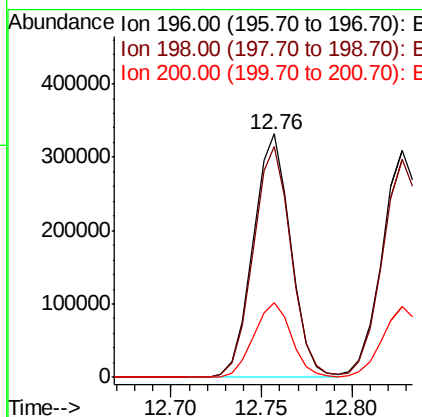
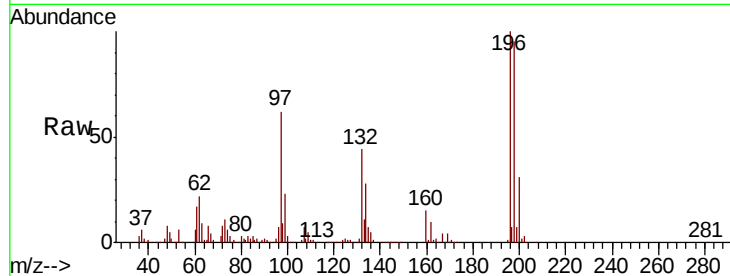
#43
 2,4,6-Trichlorophenol
 Concen: 35.456 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	477315		
198	95.0	76.2	114.2	
200	30.7	24.2	36.2	

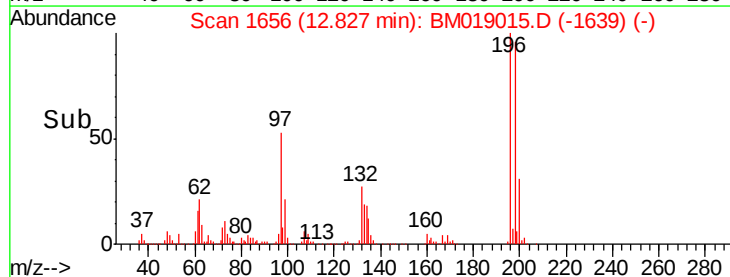
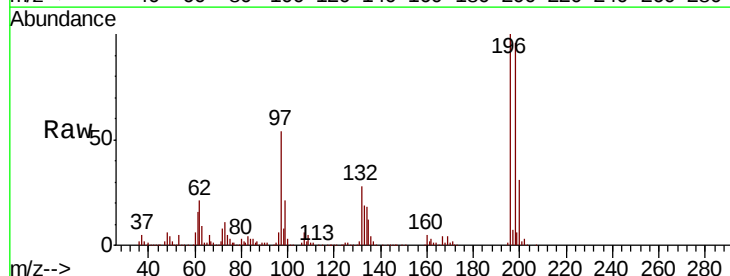
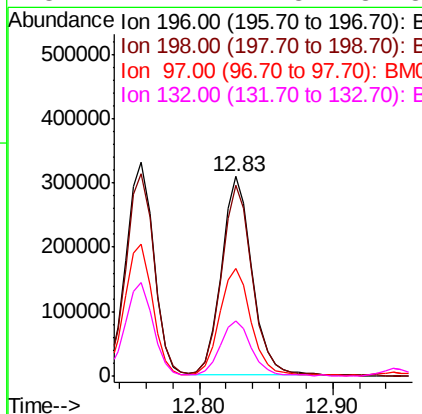
Manual Integrations
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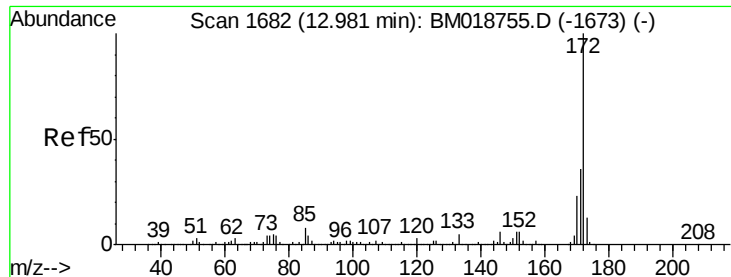
Sohil
 3/5/2019 5:23:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.921 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	492738		
198	95.8	77.6	116.4	
97	53.7	42.8	64.2	
132	27.7	21.8	32.8	





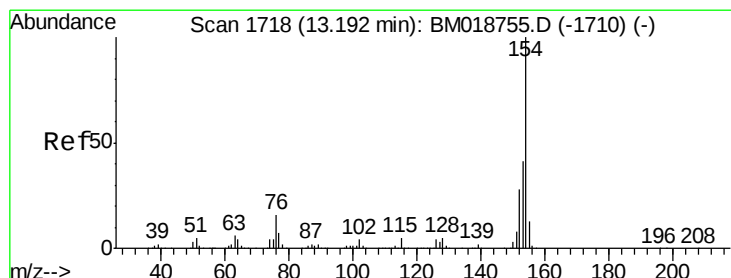
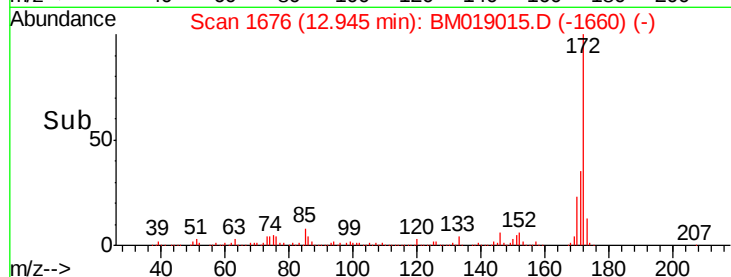
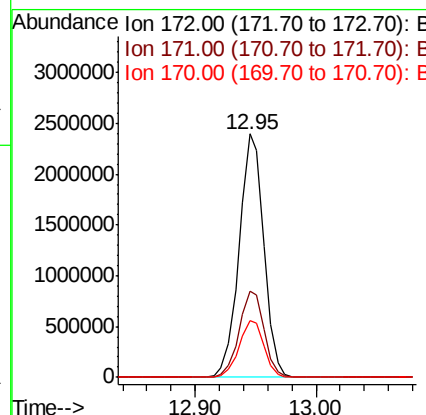
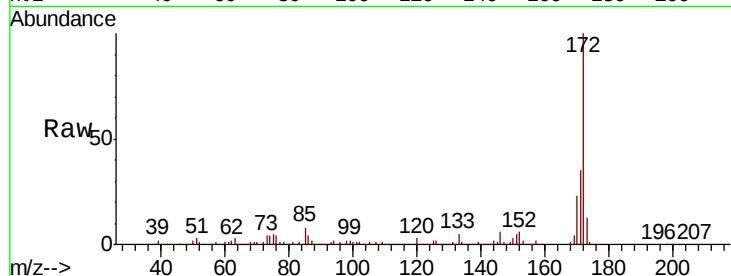
#45
2-Fluorobiphenyl
Concen: 71.168 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.3	18.6	28.0

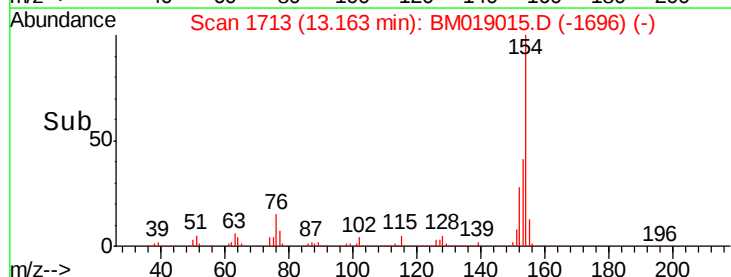
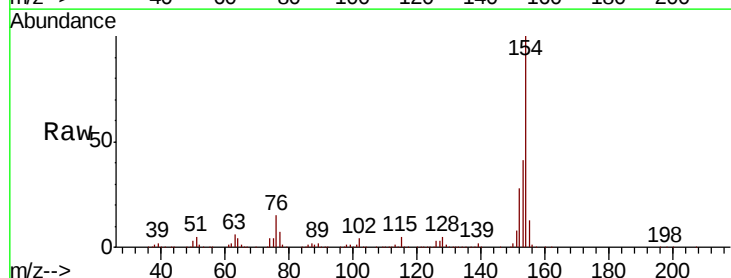
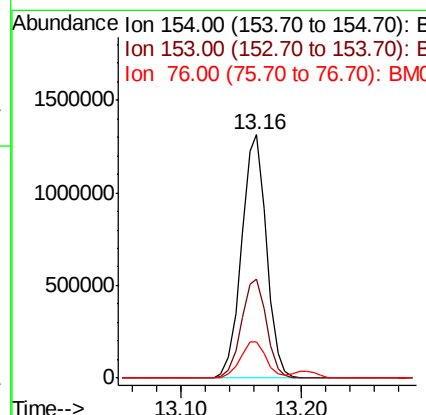
Manual Integrations
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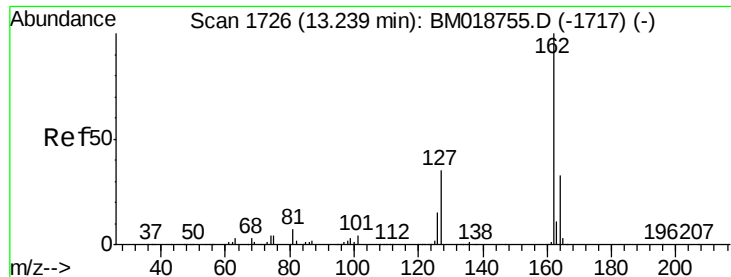
Sohil
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#46
1,1'-Biphenyl
Concen: 34.416 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	14.7	0.0	35.7





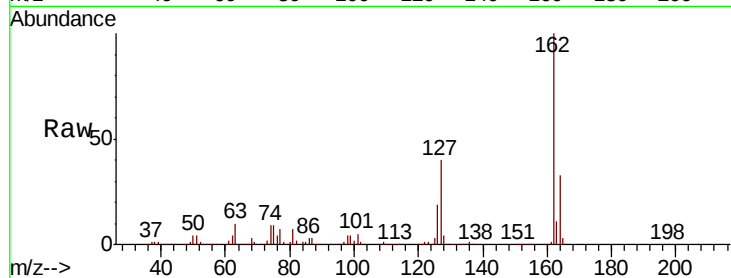
#47
2-Chloronaphthalene
Concen: 34.503 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.1	46.7
164	33.2	26.4	39.6

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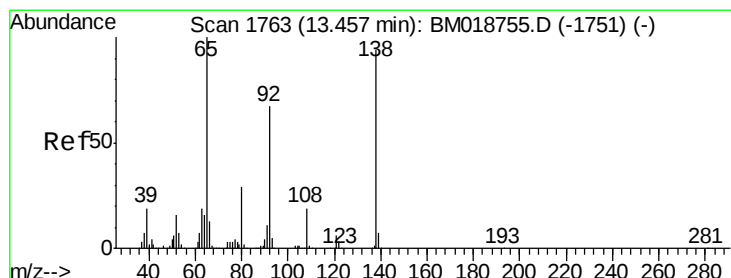
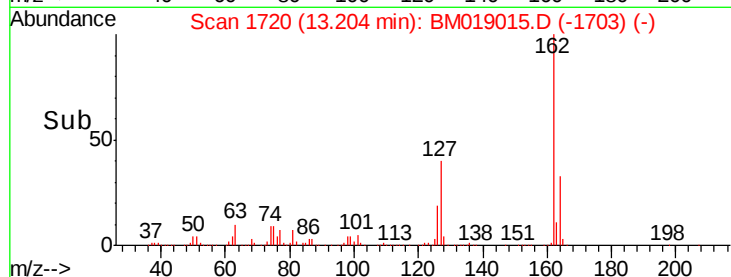
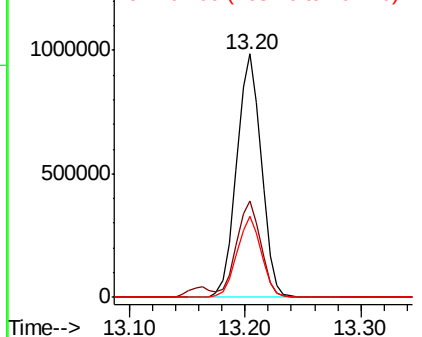


Abundance

Ion 162.00 (161.70 to 162.70): E

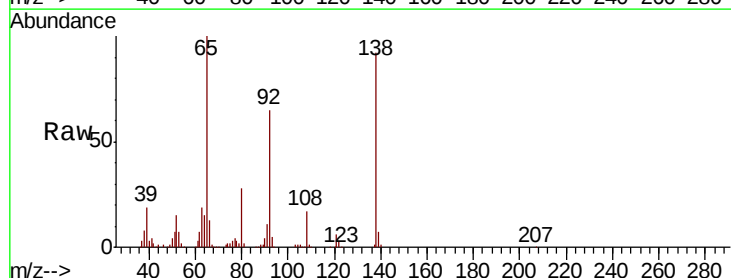
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.225 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	54.0	81.0
138	91.7	74.9	112.3

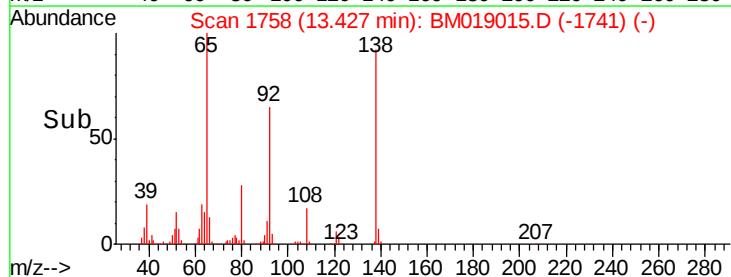
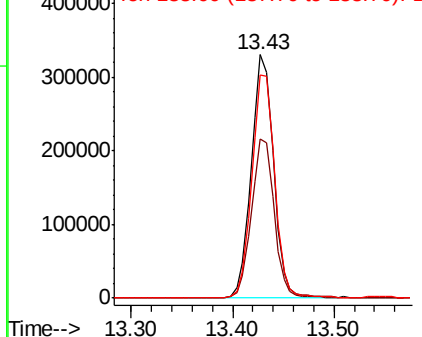


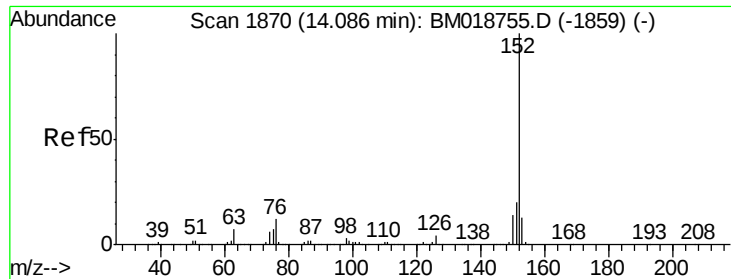
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.188 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWPMS

Tot Ion:152 Resp: 2403302

Ion Ratio Lower Upper

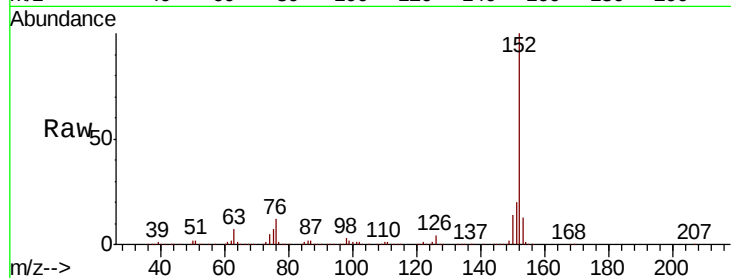
152 100

151 20.0 15.8 23.8

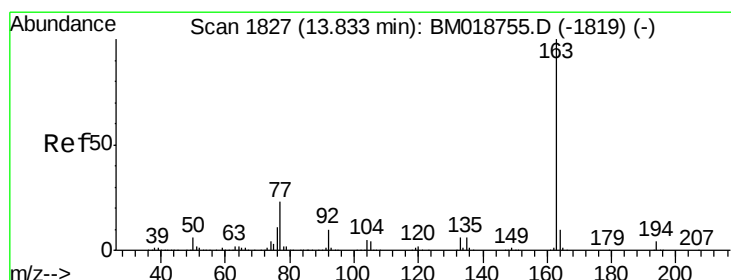
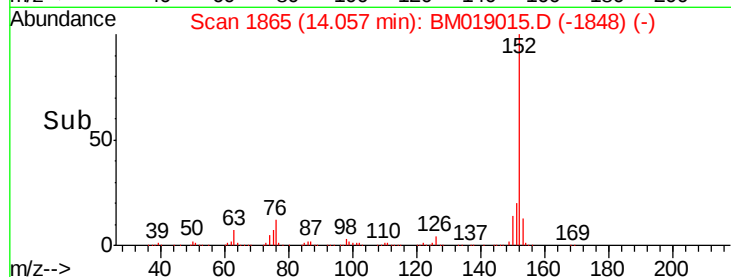
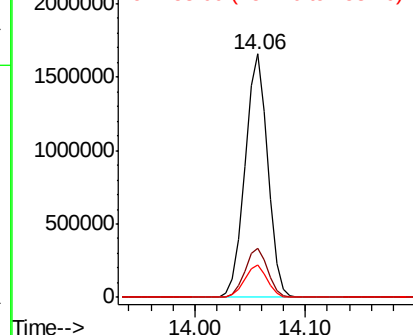
153 13.1 10.5 15.7

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



#50

Dimethylphthalate

Concen: 45.692 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

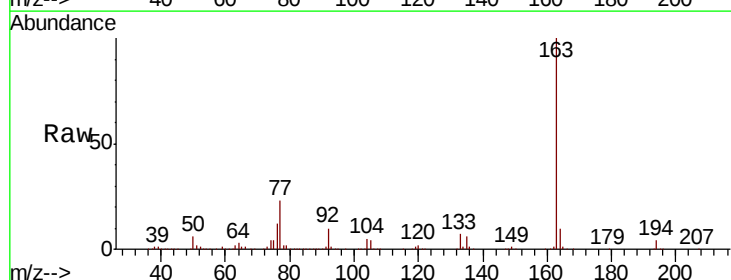
Tgt Ion:163 Resp: 2420741

Ion Ratio Lower Upper

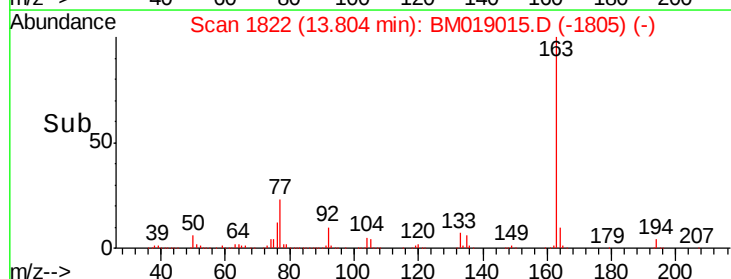
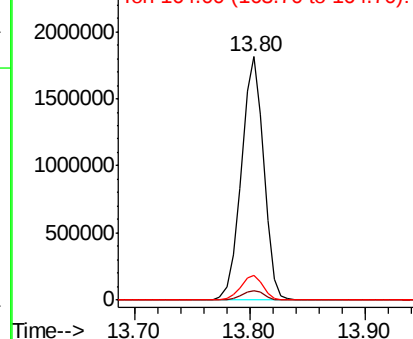
163 100

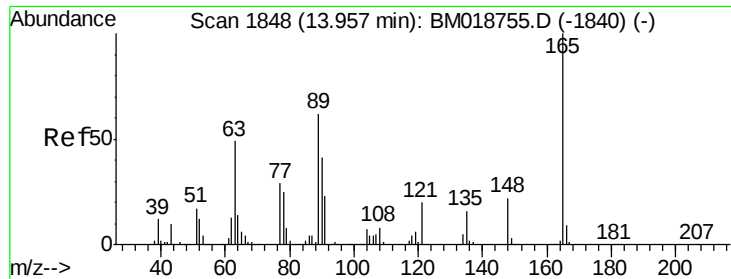
194 4.0 3.2 4.8

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





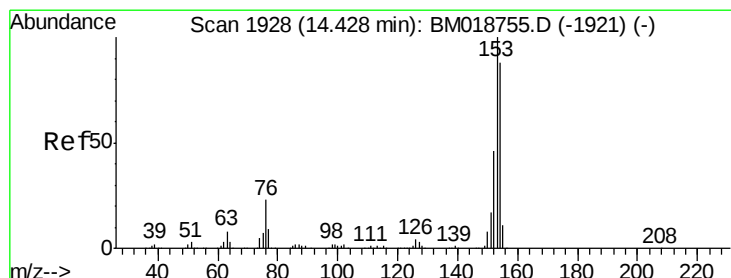
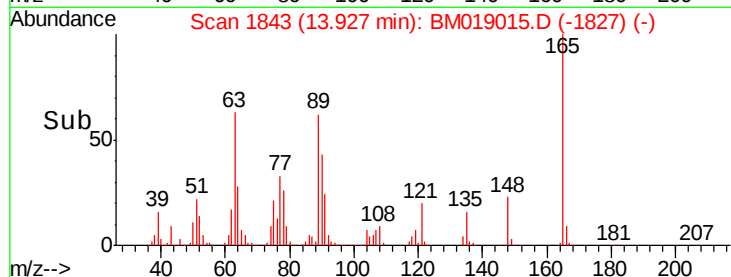
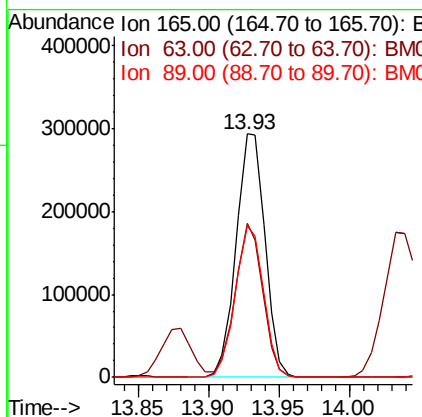
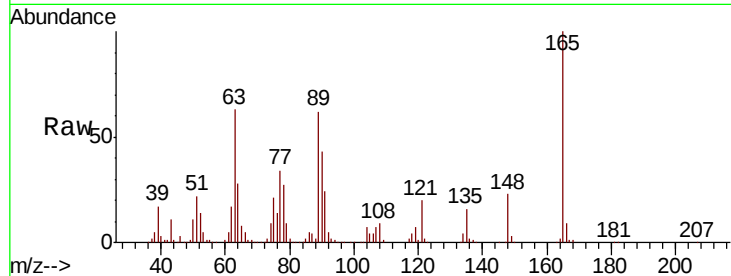
#51
2,6-Dinitrotoluene
Concen: 36.605 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	48.9	73.3
89	62.1	49.4	74.0

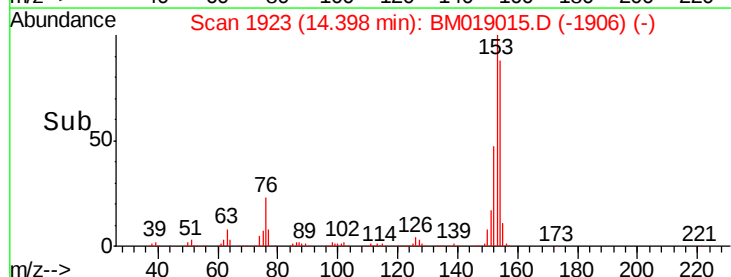
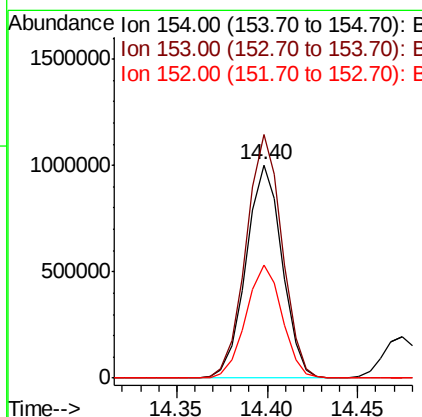
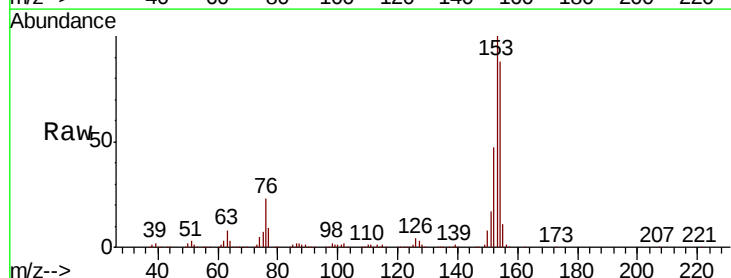
Manual Integrations
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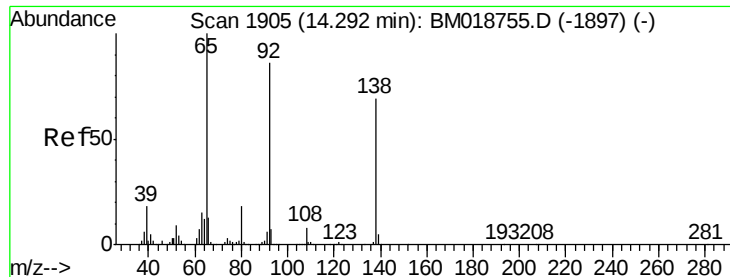
Sohil
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#52
Acenaphthene
Concen: 35.902 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.3	136.9
152	53.3	42.2	63.4





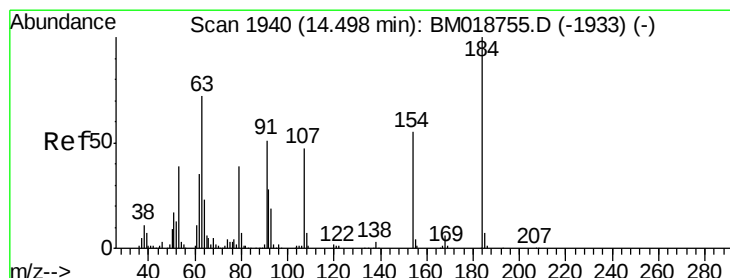
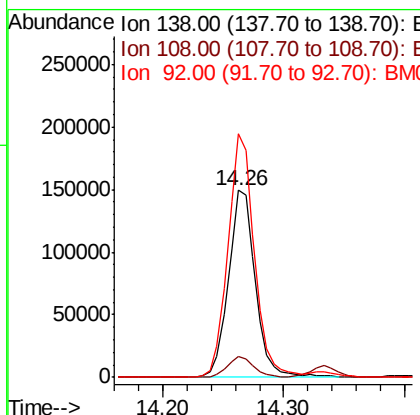
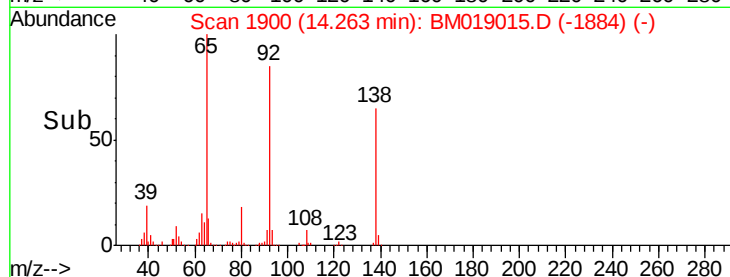
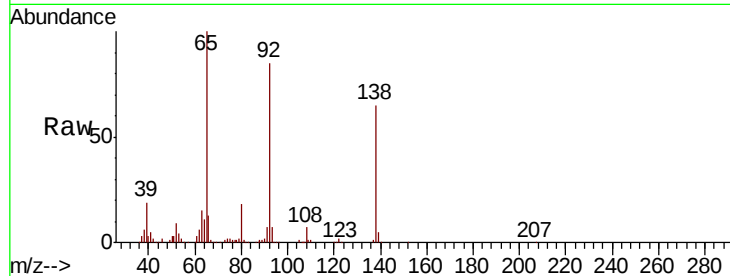
#53
3-Nitroaniline
Concen: 17.881 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	130.1	99.7	149.5

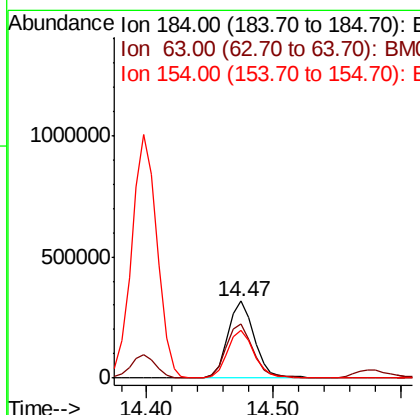
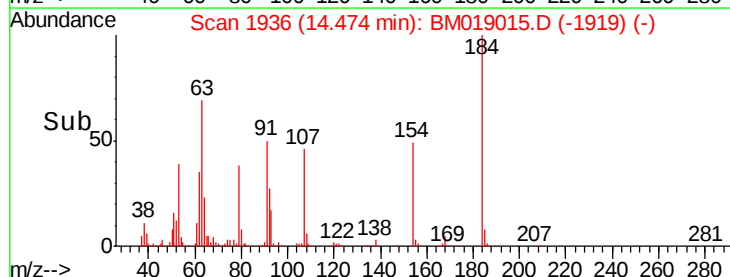
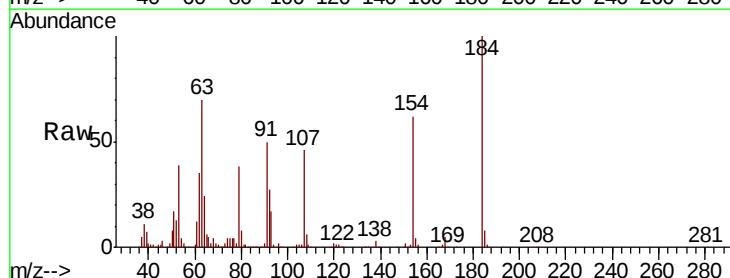
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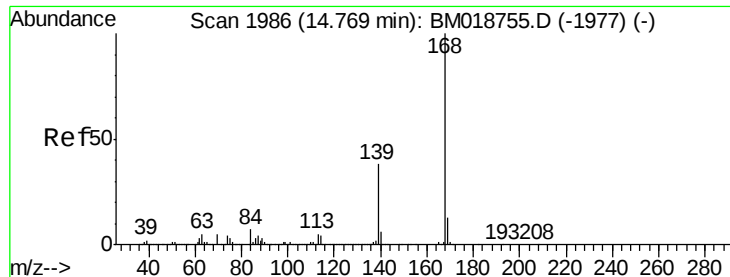
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#54
2,4-Dinitrophenol
Concen: 64.748 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.4	58.0	87.0
154	61.8	50.3	75.5





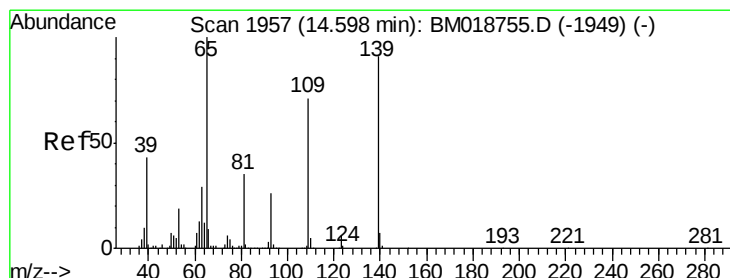
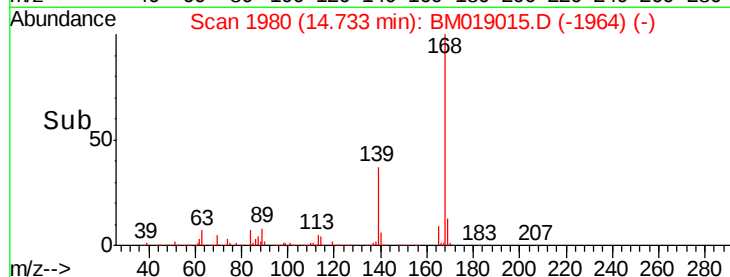
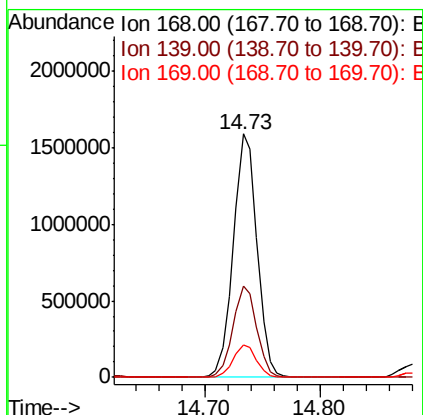
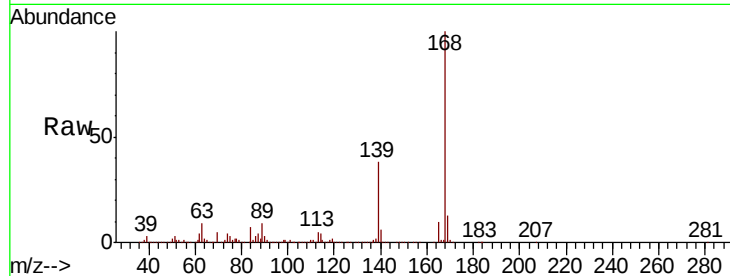
#55
Dibenzofuran
Concen: 35.586 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.7	46.1
169	13.3	10.3	15.5

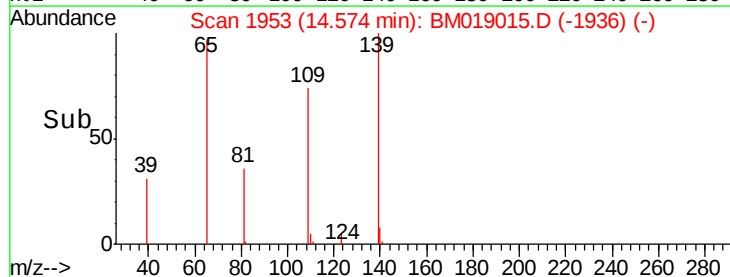
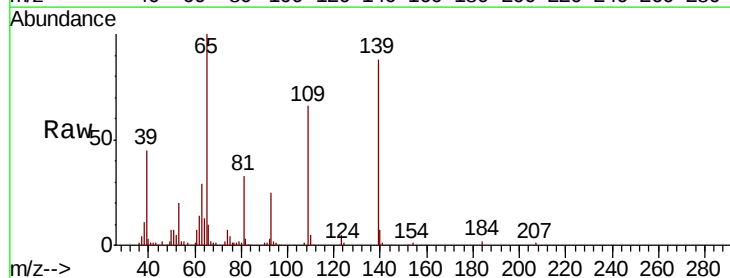
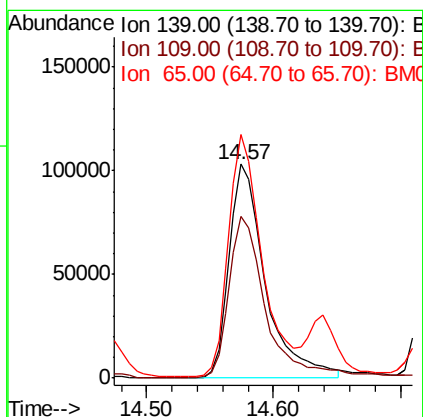
Manual Integrations
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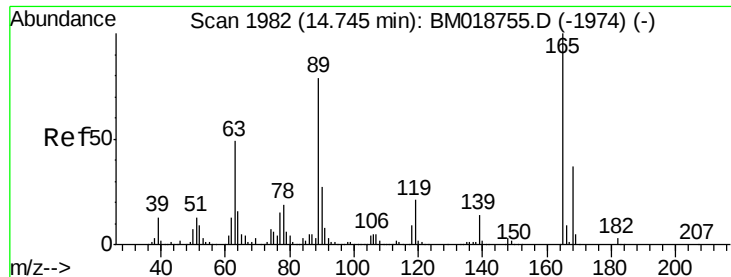
Sohil
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#56
4-Nitrophenol
Concen: 19.763 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	58.4	98.4
65	113.7	89.8	129.8





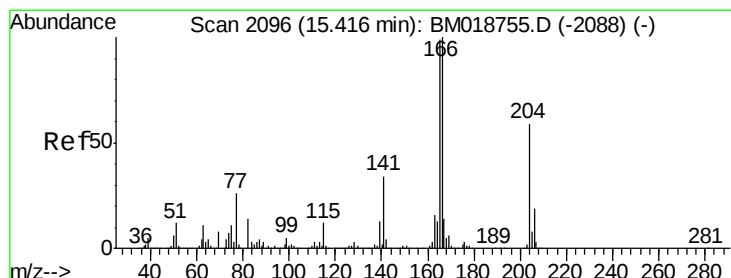
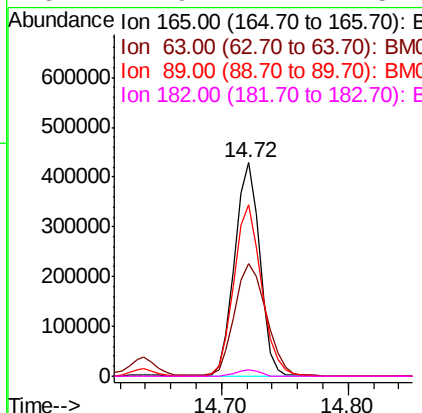
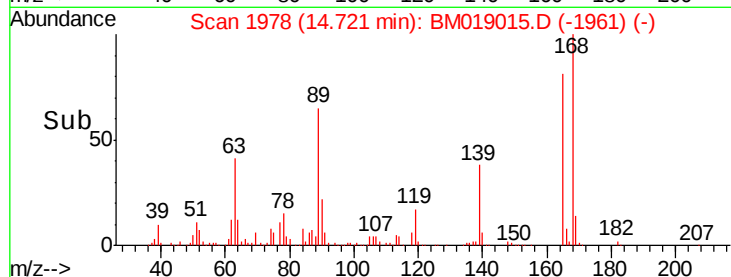
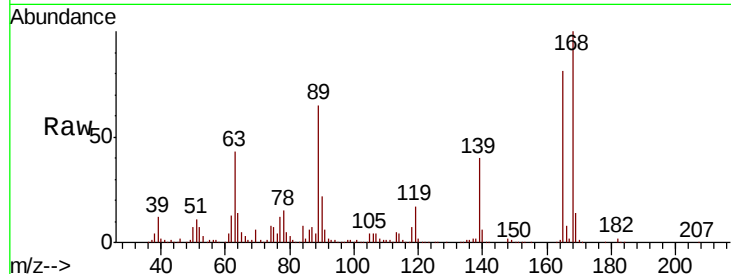
#57
2,4-Dinitrotoluene
Concen: 37.064 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	39.6	59.4
89	80.1	63.5	95.3
182	2.9	2.2	3.4

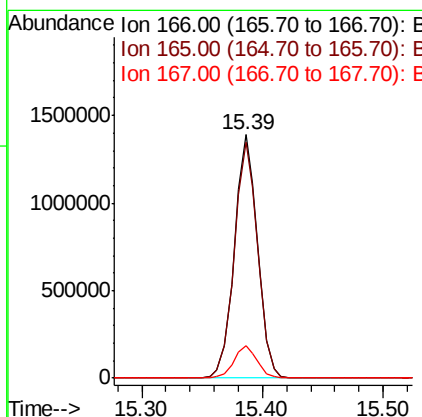
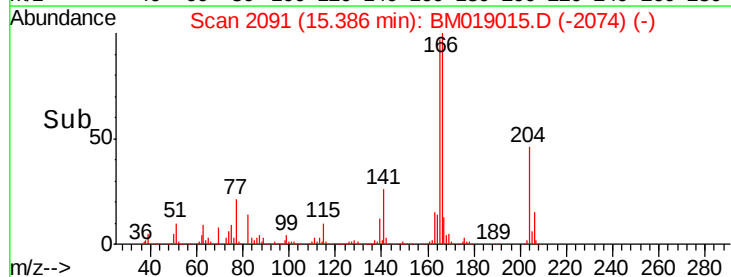
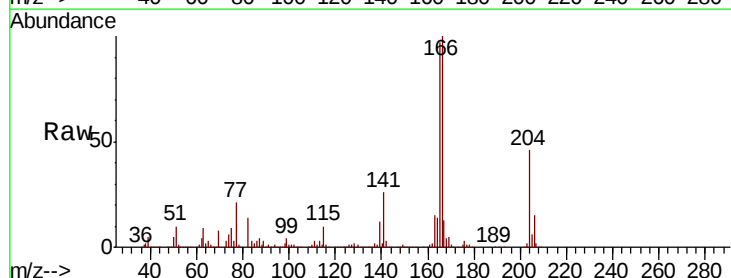
Manual Integrations
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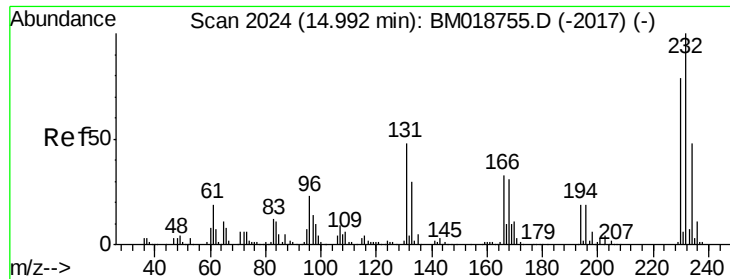
Sohil
3/5/2019 5:23:45 PM



#58
Fluorene
Concen: 38.167 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.1	118.7
167	13.5	11.0	16.4





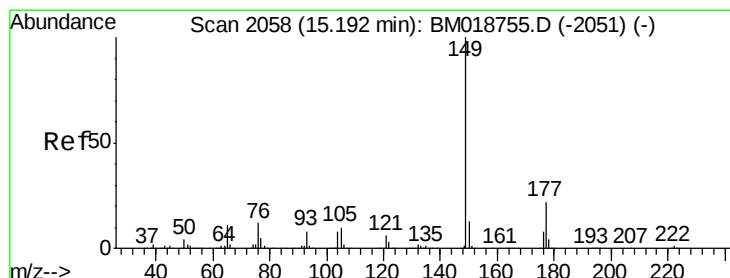
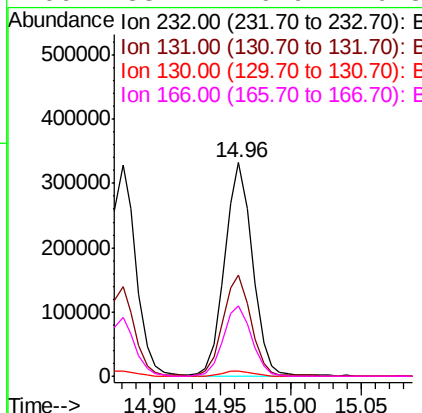
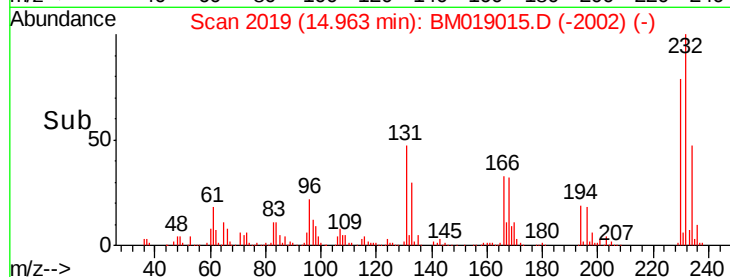
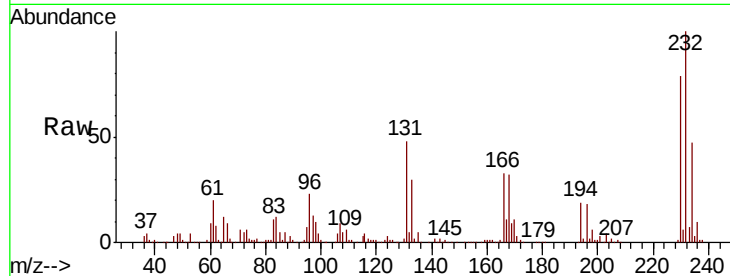
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.254 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	452160		
131	47.9	38.6	57.8	
130	2.6	2.0	3.0	
166	33.4	26.9	40.3	

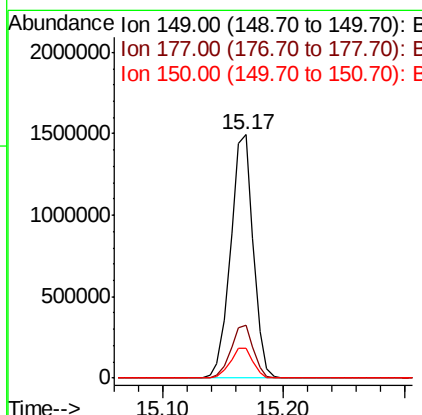
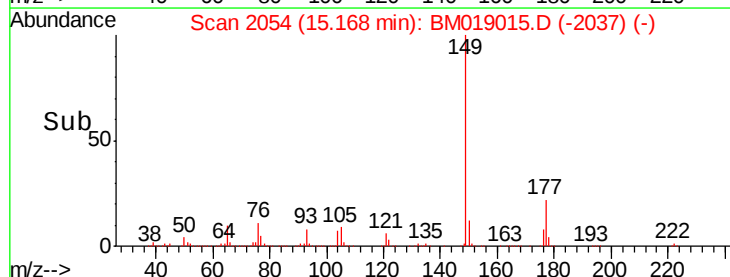
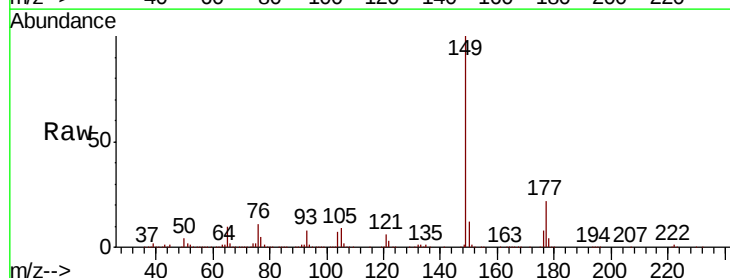
Manual Integrations
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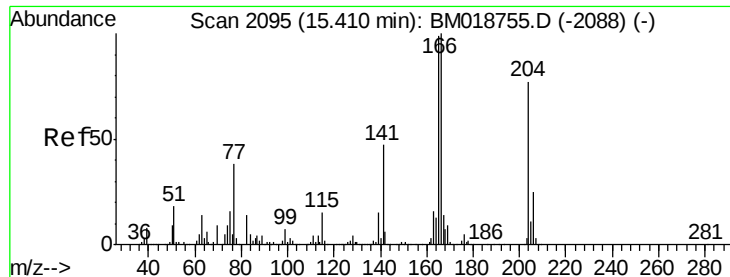
Sohil
 3/5/2019 5:23:45 PM



#60
 Diethylphthalate
 Concen: 35.656 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1948594		
177	21.7	17.2	25.8	
150	12.4	10.2	15.2	





#61

4-Chlorophenyl-phenylether

Concen: 33.442 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

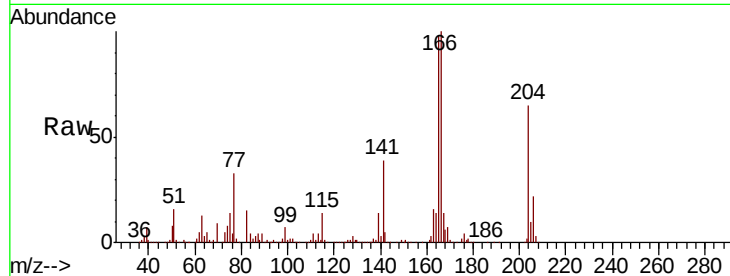
ClientSampled :

A0C1-TWPMS

Tot Ion:	204	Resp:	909833
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.2	39.2
141	60.6	49.2	73.8

Manual Integrations
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Sohil
3/5/2019 5:23:45 PM

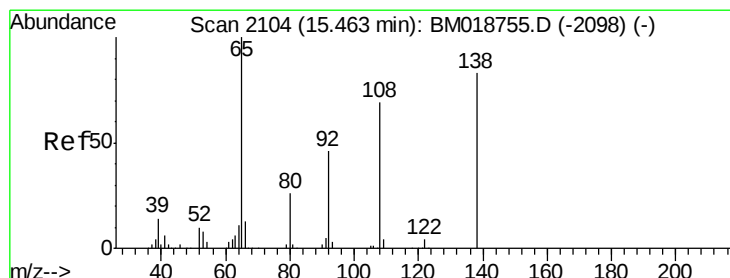
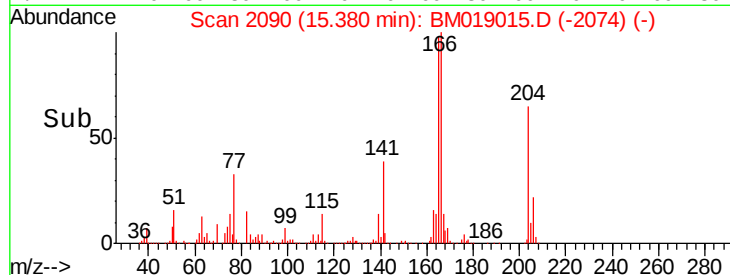
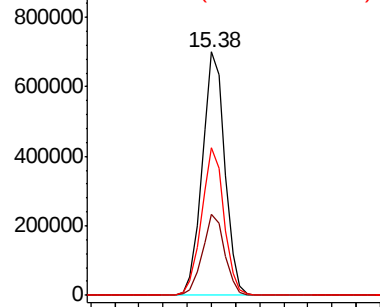


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 30.617 ng

RT: 15.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

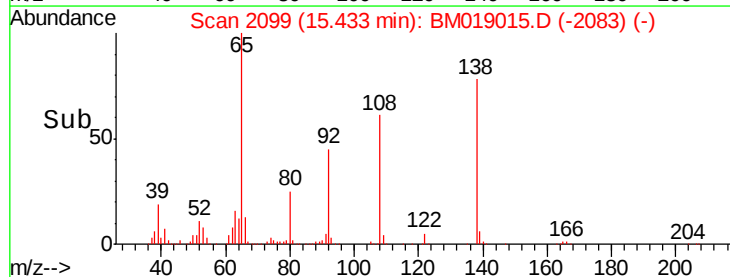
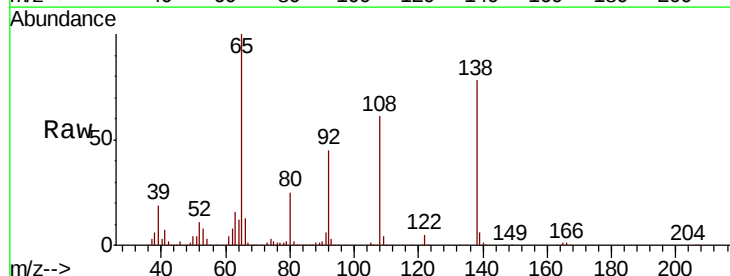
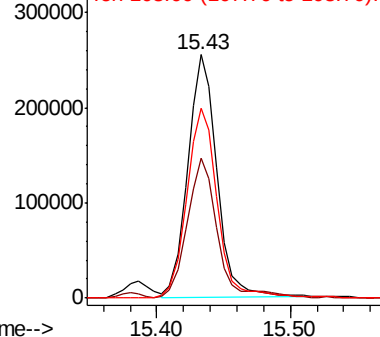
Tgt Ion:	138	Resp:	389217
Ion Ratio	Lower	Upper	
138	100		
92	57.5	35.5	75.5
108	78.2	62.4	102.4

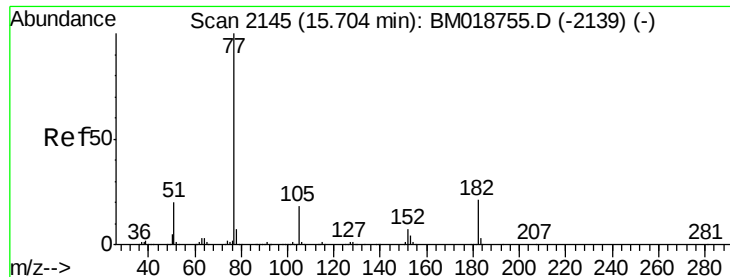
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.435 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWPMS

Tot Ion: 77 Resp: 2076374

Ion Ratio Lower Upper

77 100

182 21.2 1.0 41.0

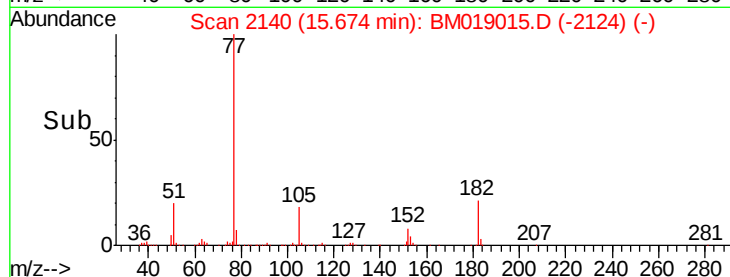
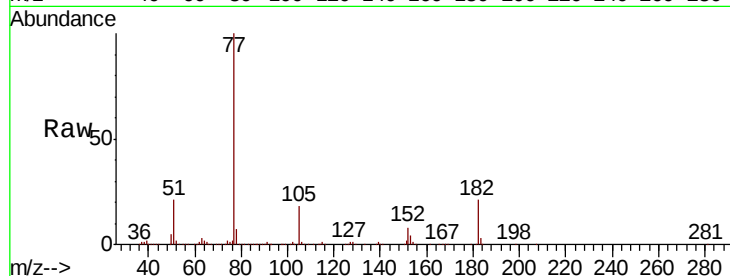
105 17.9 0.0 37.7

51 20.5 0.3 40.3

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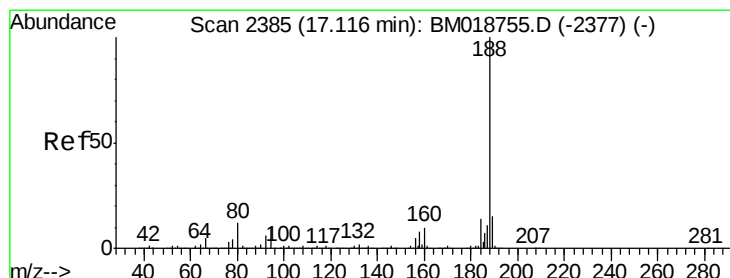
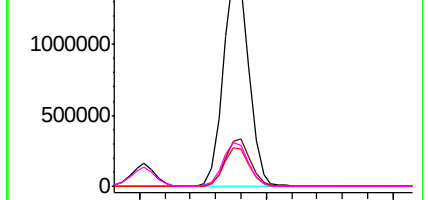


Abundance Ion 77.00 (76.70 to 77.70): BM019015.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): BM019015.D (-2124) (-)

Ion 105.00 (104.70 to 105.70): BM019015.D (-2124) (-)

Ion 51.00 (50.70 to 51.70): BM019015.D (-2124) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

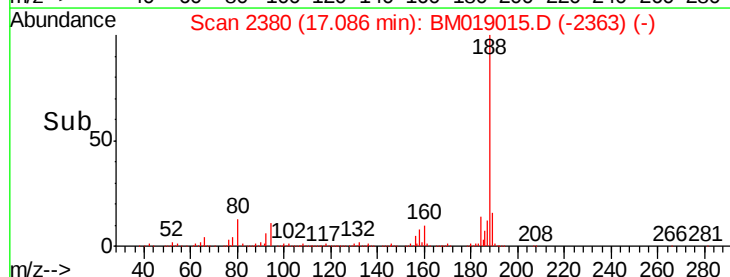
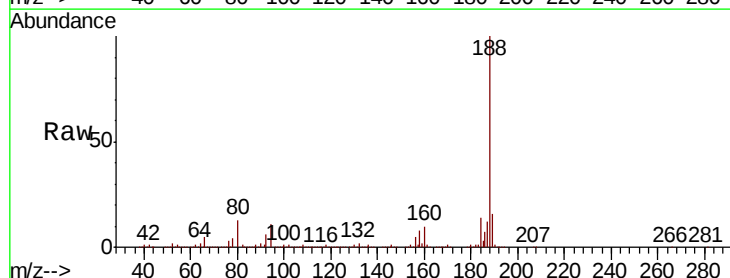
Tgt Ion: 188 Resp: 1359651

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

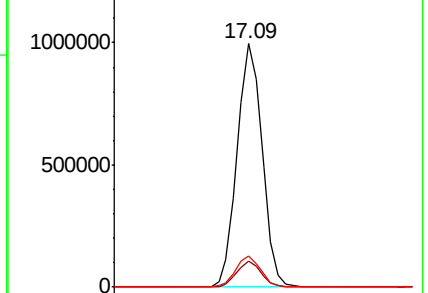
80 12.7 9.7 14.5

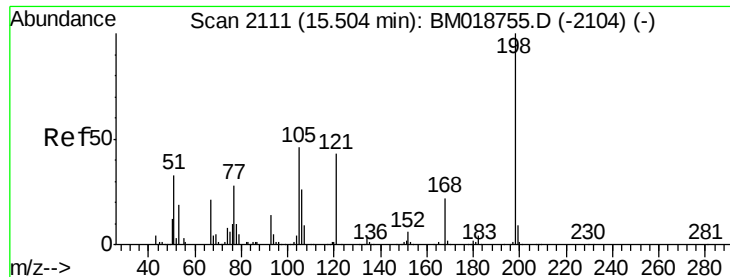


Abundance Ion 188.00 (187.70 to 188.70): BM019015.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019015.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019015.D (-2363) (-)





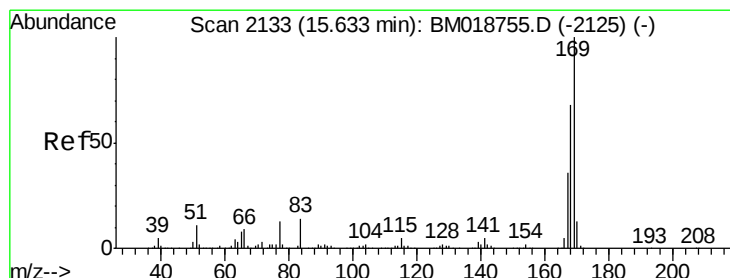
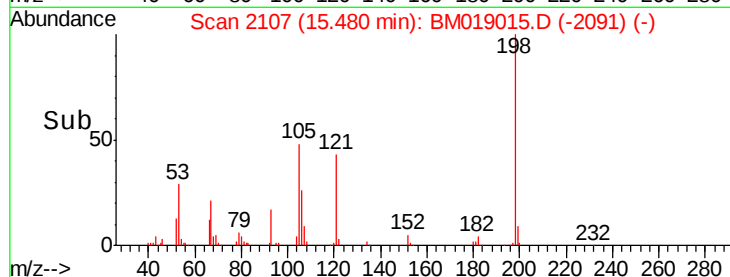
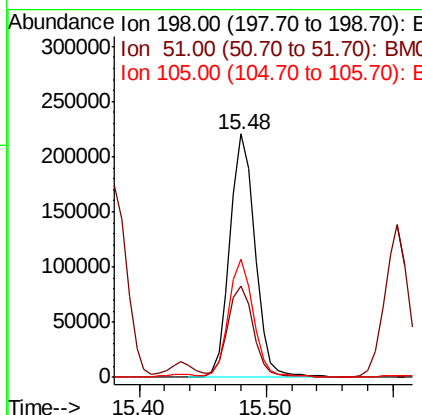
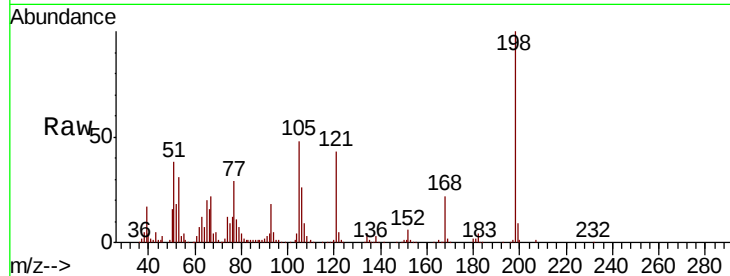
#65
4,6-Dinitro-2-methylphenol
Concen: 31.778 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	303363		
51	37.7	18.4	58.4	
105	48.3	27.2	67.2	

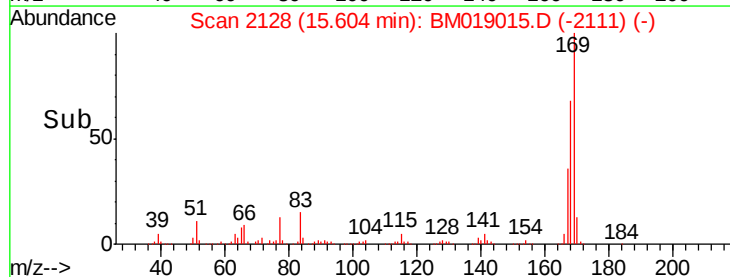
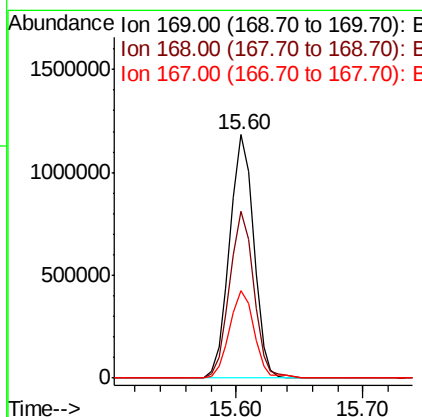
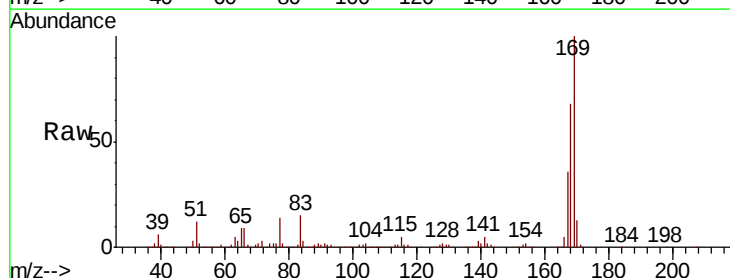
Manual Integrations
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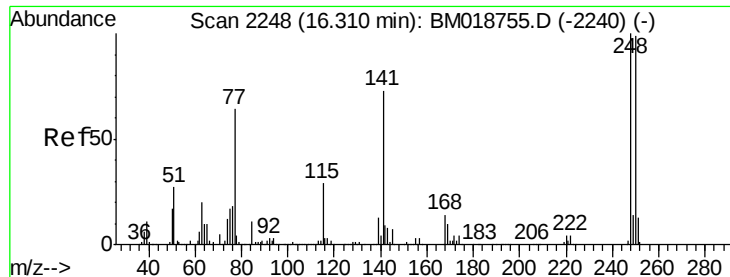
Sohil
3/5/2019 5:23:45 PM



#66
n-Nitrosodiphenylamine
Concen: 36.157 ng
RT: 15.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1553203		
168	68.4	54.4	81.6	
167	36.2	29.0	43.6	





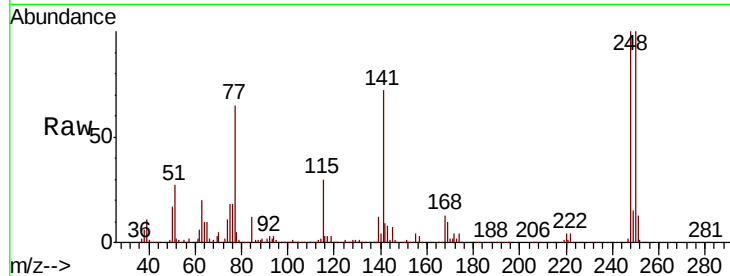
#67
4-Bromophenyl-phenylether
Concen: 35.797 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.0	118.6
141	72.1	58.6	88.0

Manual Integrations
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3/5/2019 5:23:45 PM

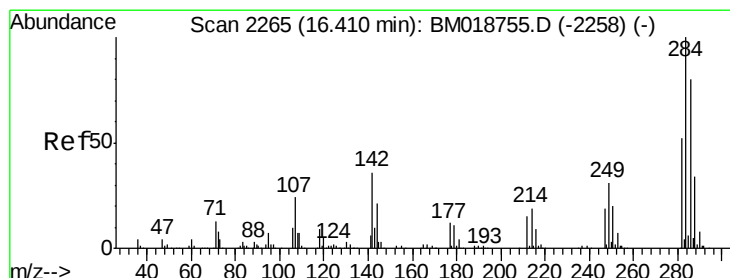
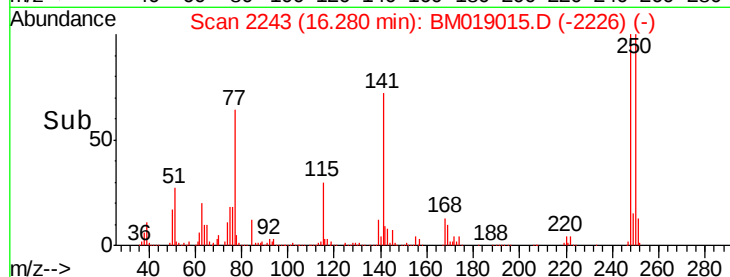
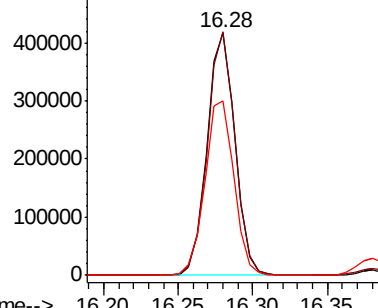


Abundance

Ion 248.00 (247.70 to 248.70): E

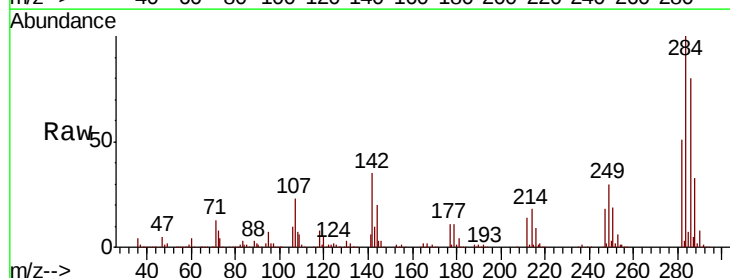
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.885 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.9	43.3
249	29.9	24.8	37.2

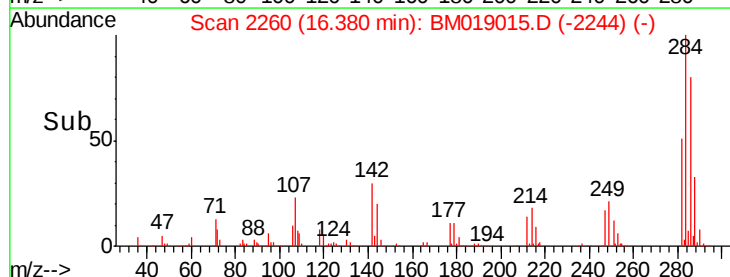
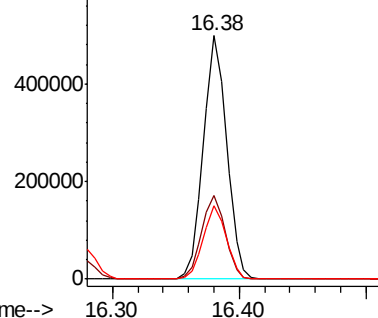


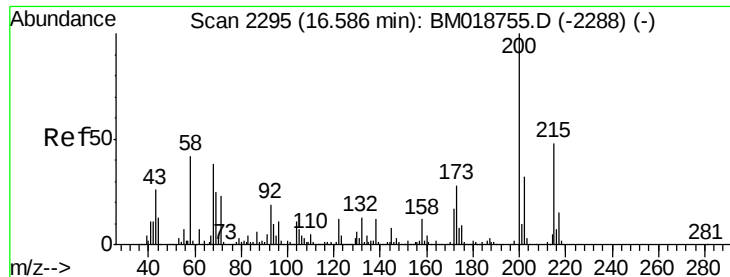
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





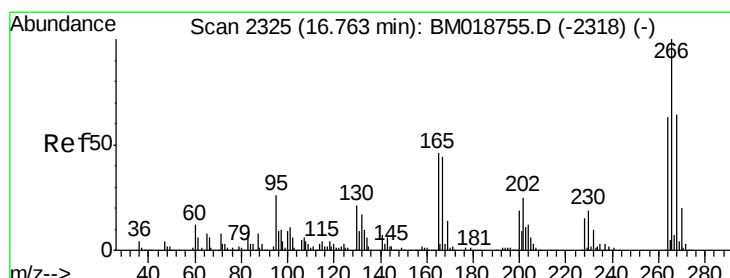
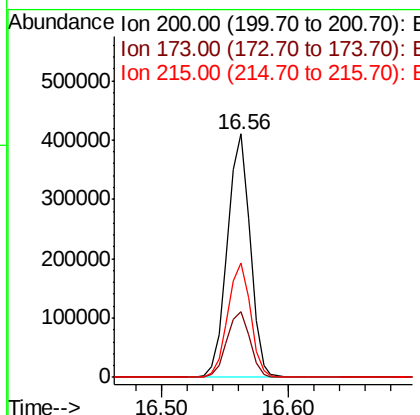
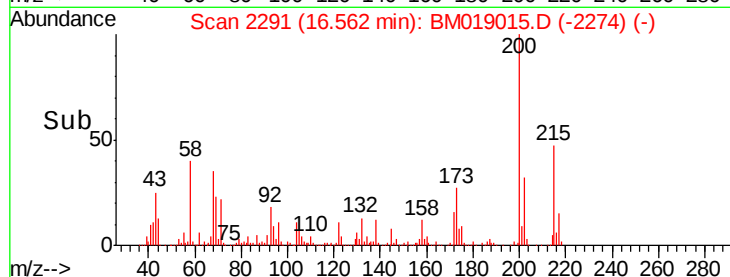
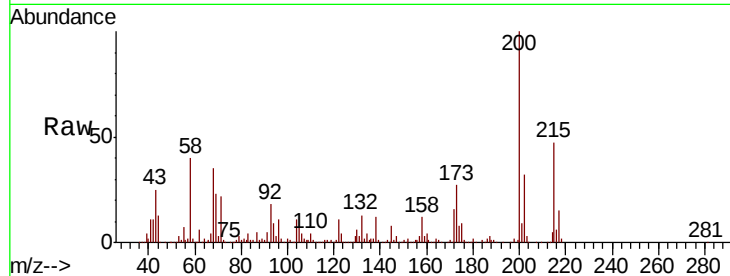
#69
Atrazine
Concen: 36.732 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	7.6	47.6	
215	46.7	27.6	67.6	

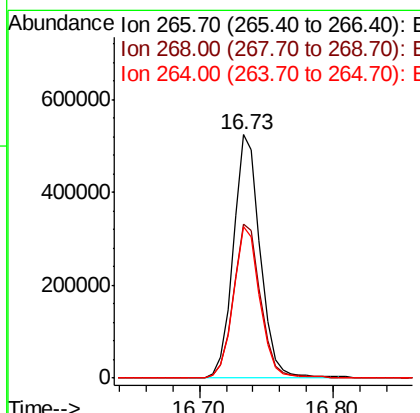
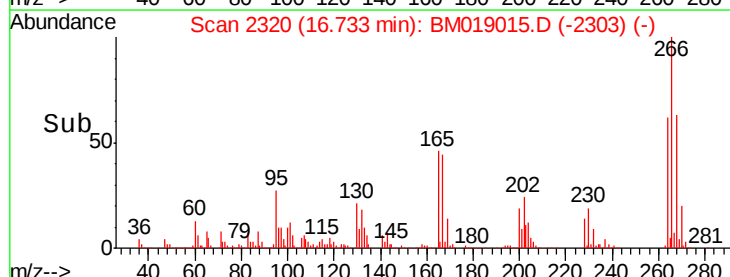
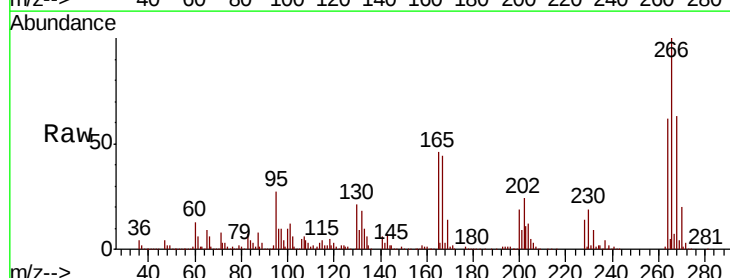
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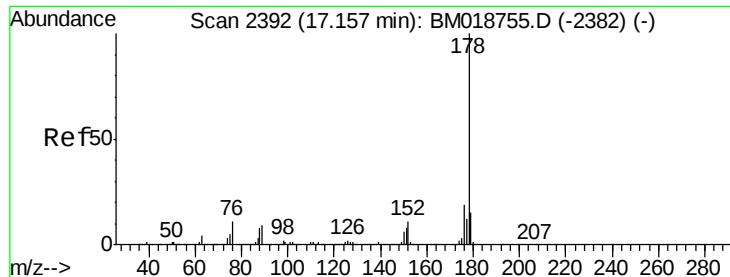
Sohil
3/5/2019 5:23:45 PM



#70
Pentachlorophenol
Concen: 64.371 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	51.3	76.9	
264	62.2	50.6	75.8	





#71

Phenanthrene

Concen: 38.294 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWPMS

Tot Ion:178 Resp: 2798120

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

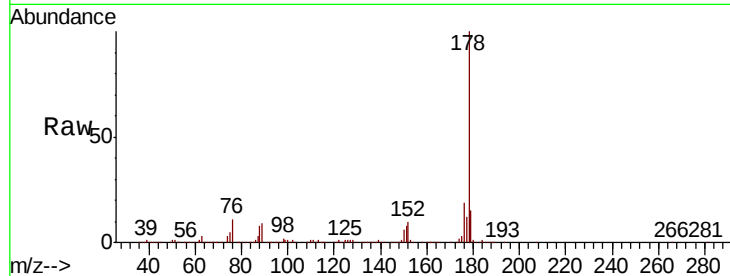
179 15.3 12.3 18.5

Manual Integrations

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Sohil

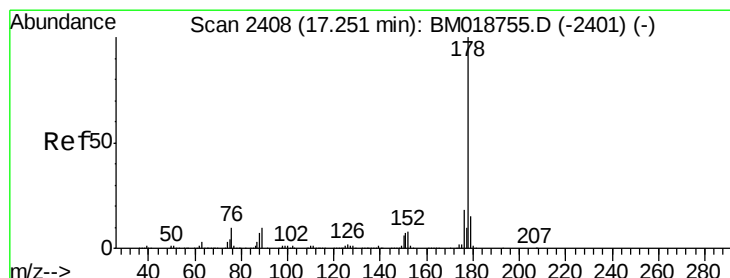
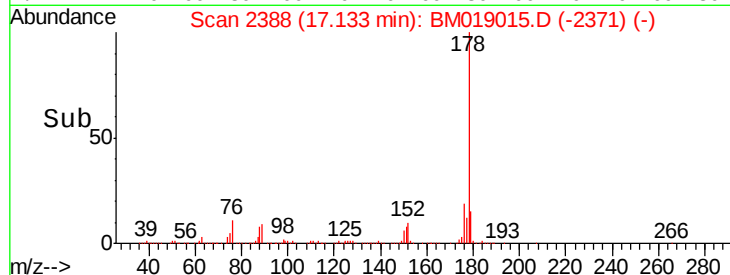
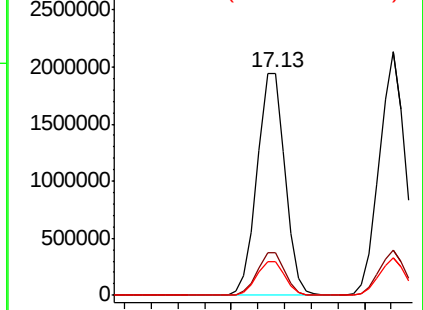
3/5/2019 5:23:45 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.211 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:178 Resp: 2859833

Ion Ratio Lower Upper

178 100

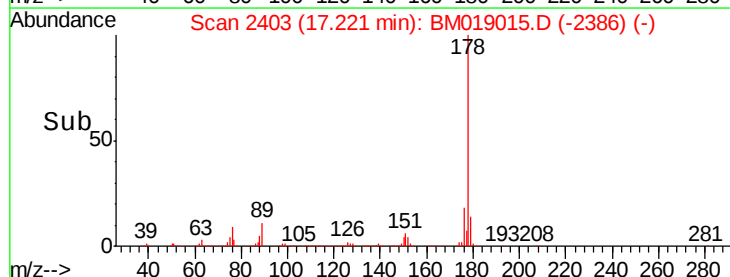
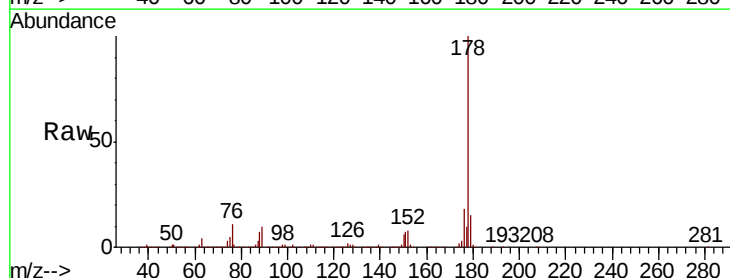
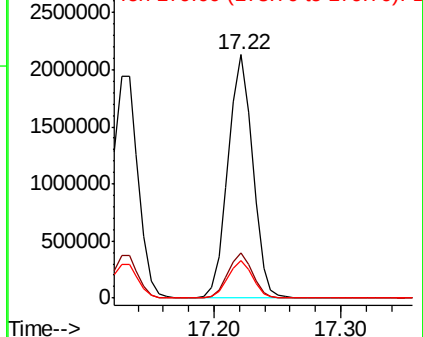
176 18.4 14.8 22.2

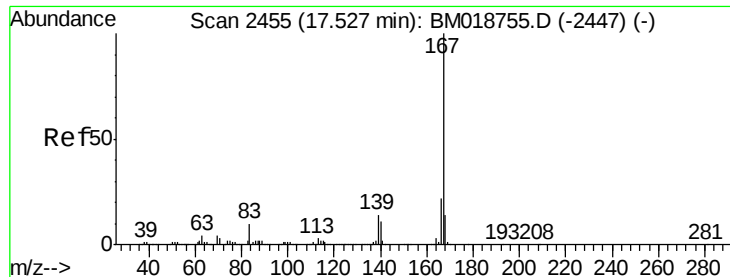
179 15.2 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





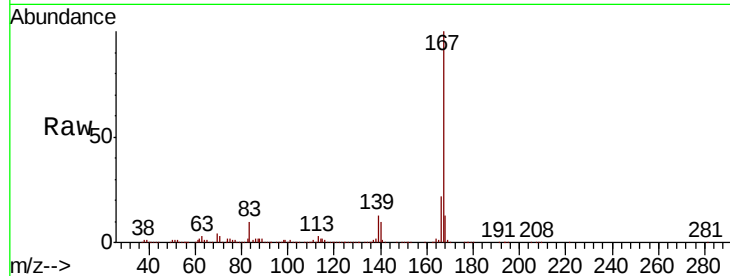
#73
 Carbazole
 Concen: 34.602 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	12.6	10.9	16.3

Manual Integrations
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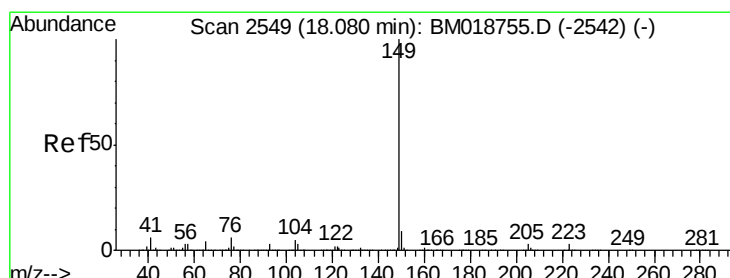
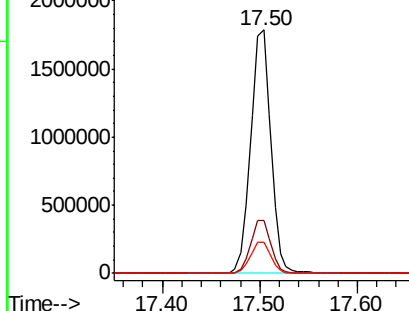
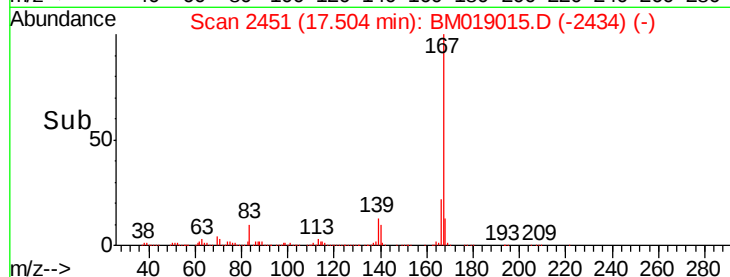


Abundance

Ion 167.00 (166.70 to 167.70): E

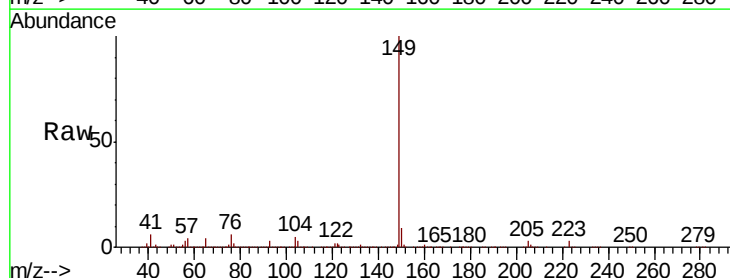
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.522 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5

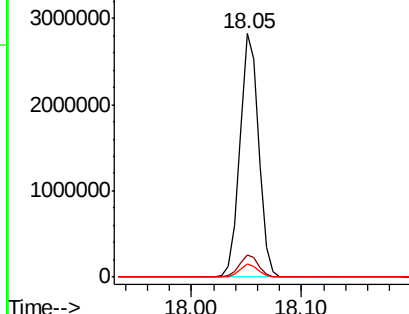
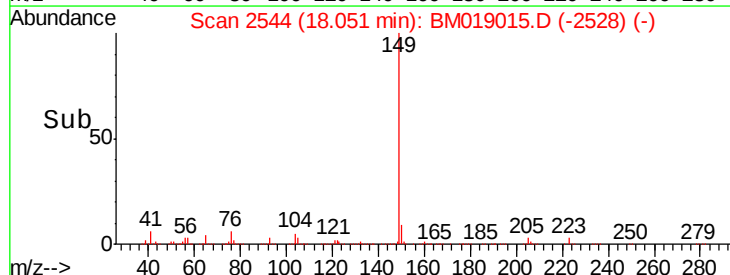


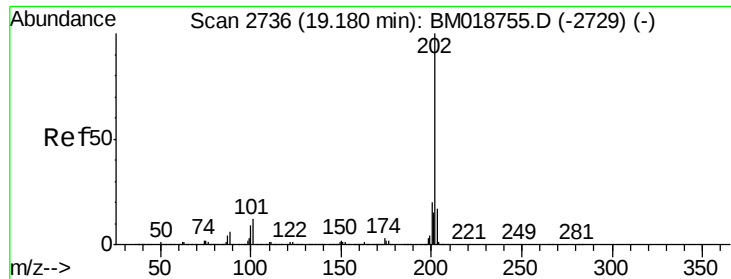
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.067 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

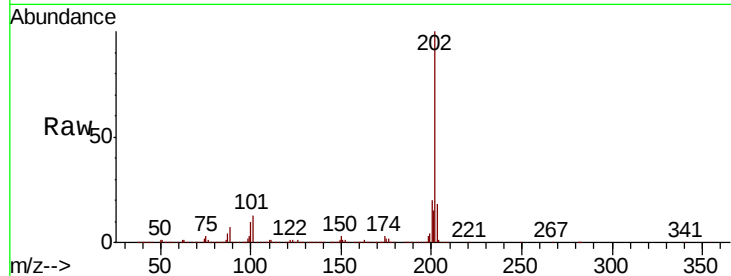
ClientSampleId :

A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.5
203	17.6	0.0	37.3

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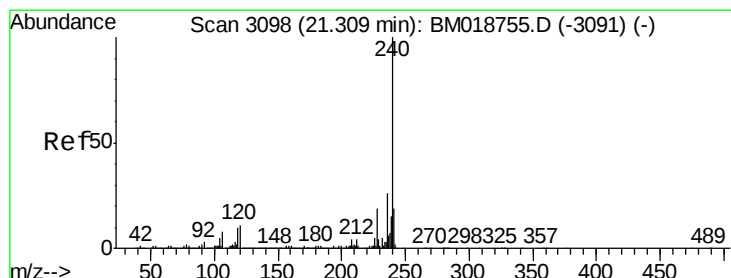
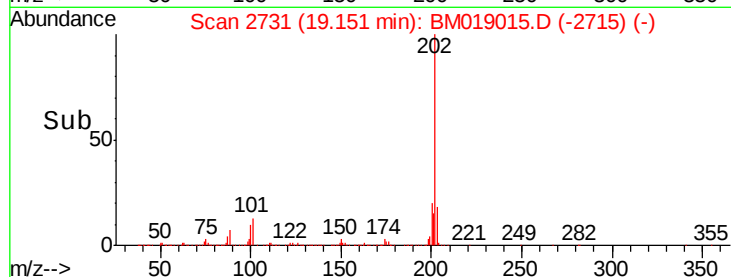
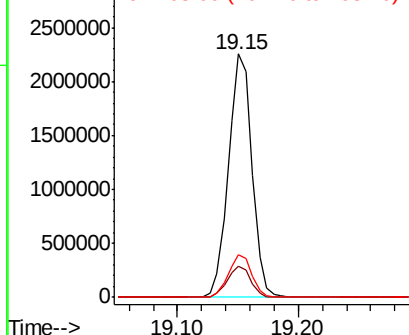


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

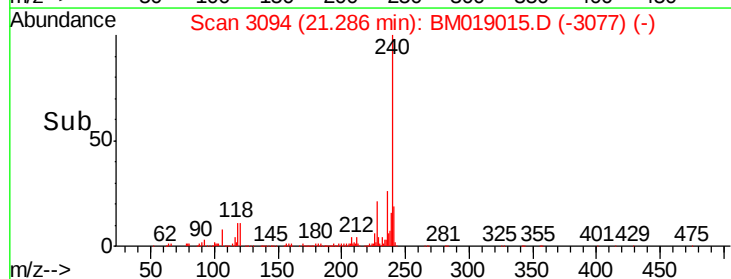
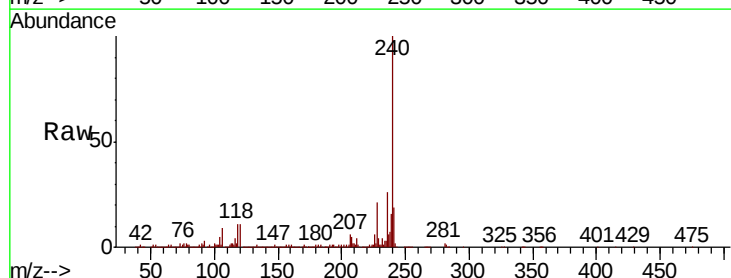
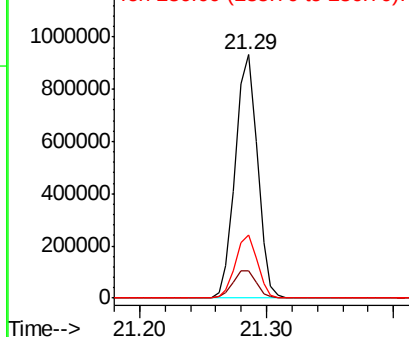
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.7	20.9	31.3

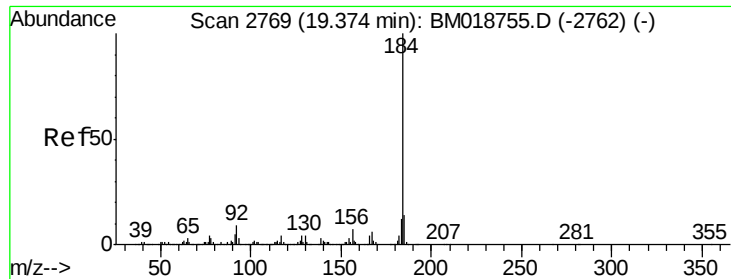
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.901 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

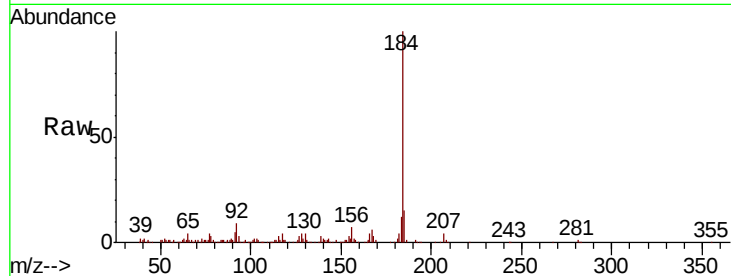
ClientSampleId :

A0C1-TWPMS

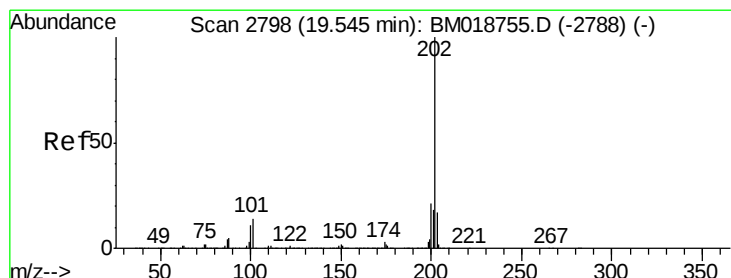
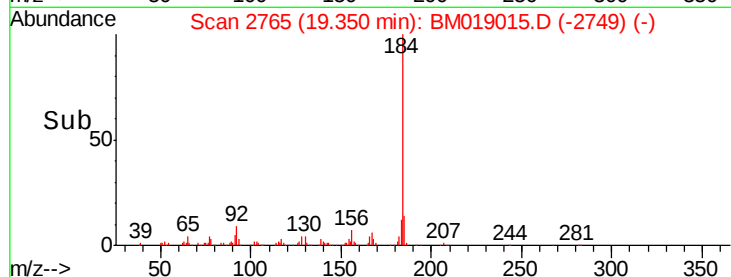
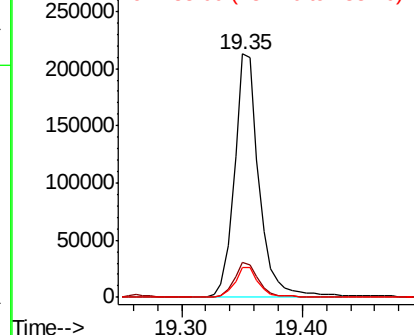
Tot Ion:	184	Resp:	302394
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.2	16.8
183	12.4	9.7	14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.847 ng

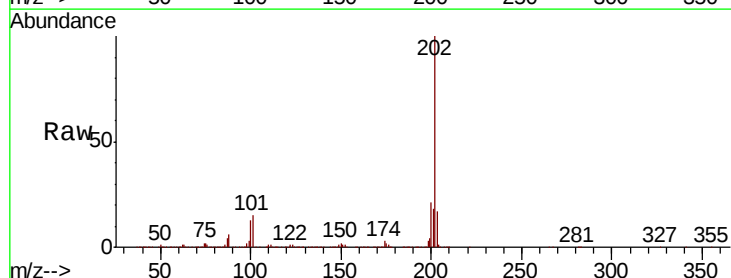
RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

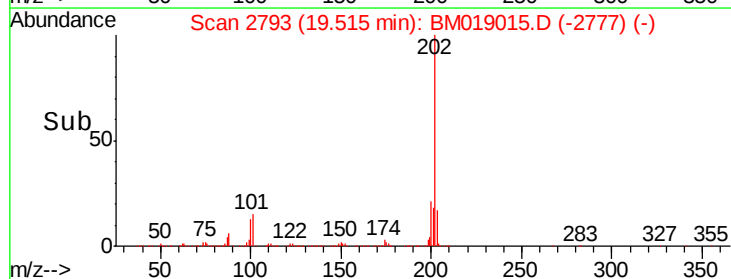
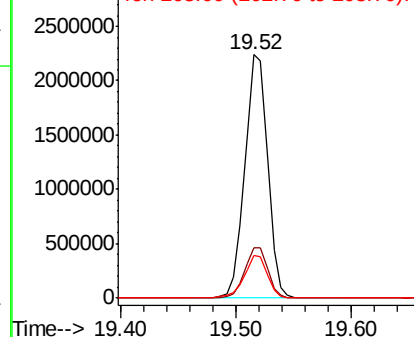
Lab File: BM019015.D

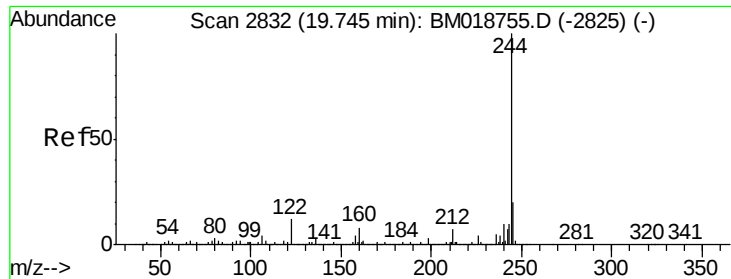
Acq: 04 Mar 2019 18:29

Tgt Ion:	202	Resp:	3069762
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.4	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





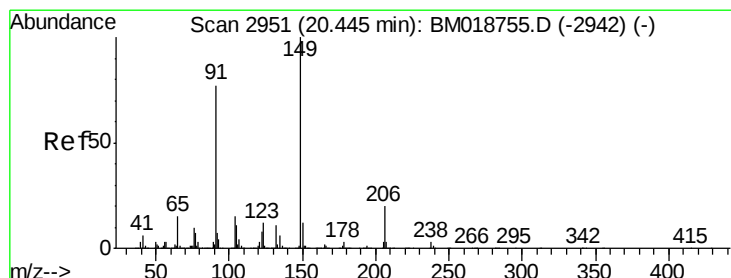
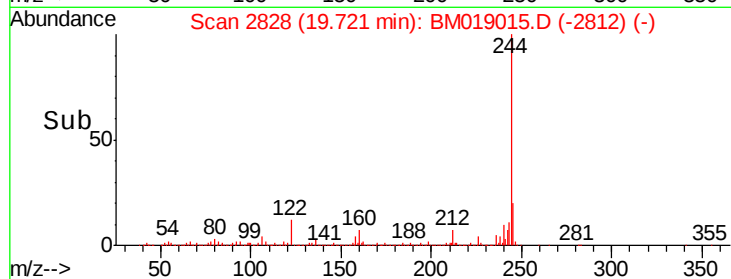
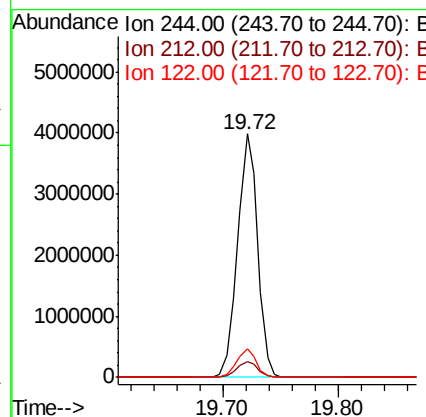
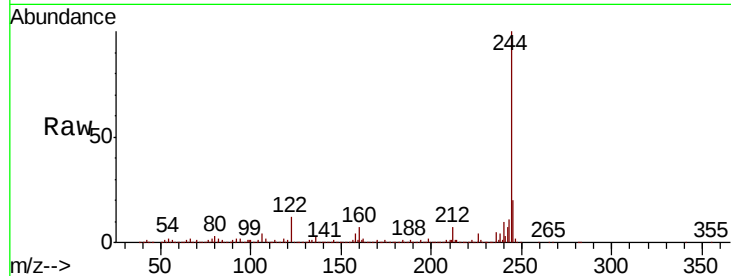
#79
 Terphenyl-d14
 Concen: 87.478 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 A0C1-TWPMS

Tot Ion:244 Resp: 4784328
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 9.3 13.9

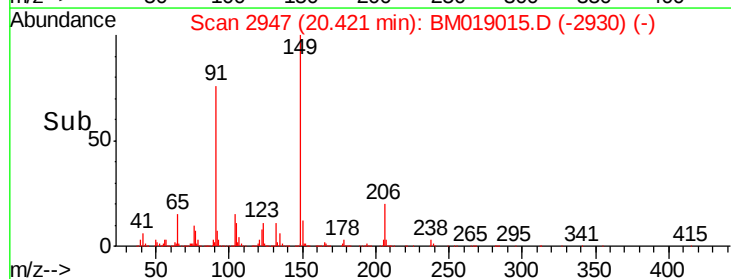
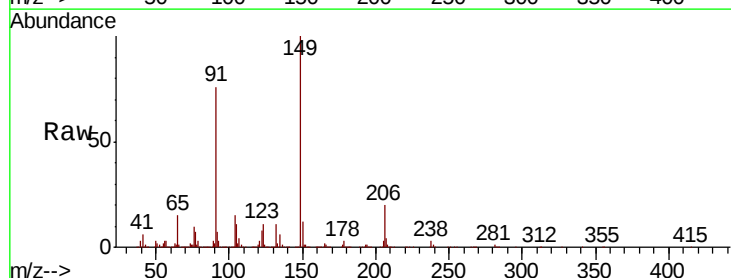
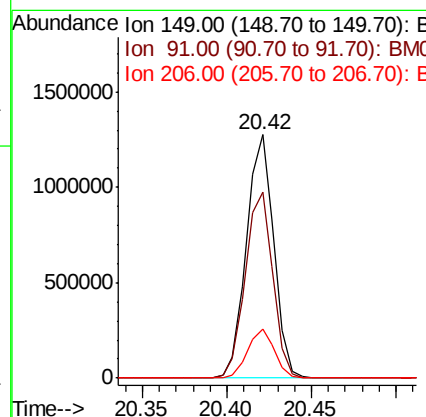
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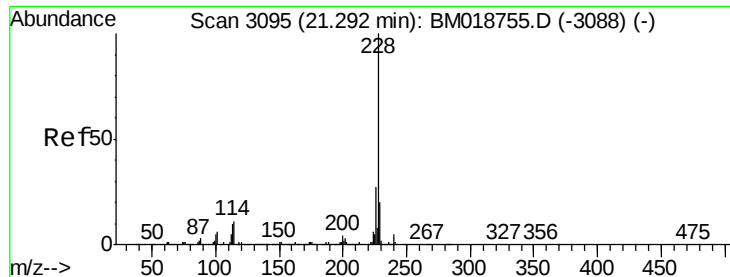
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#80
 Butylbenzylphthalate
 Concen: 48.218 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion:149 Resp: 1439949
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.4 92.0
 206 20.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 39.406 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

A0C1-TWPMS

Tot Ion:228 Resp: 2591659

Ion Ratio Lower Upper

228 100

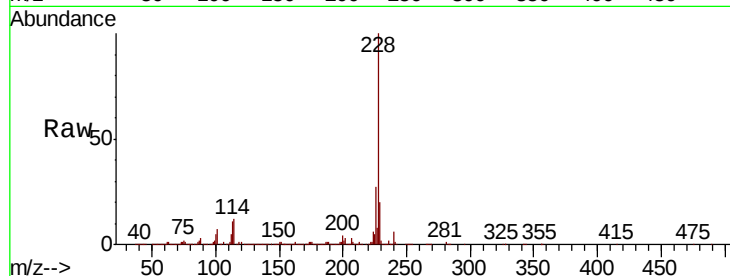
226 27.0 21.9 32.9

229 19.9 15.9 23.9

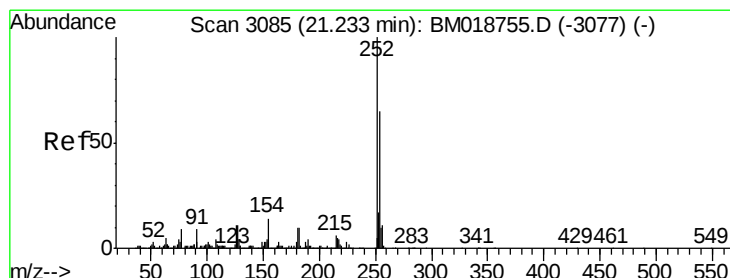
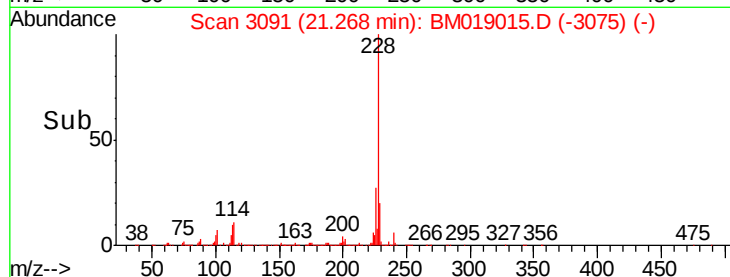
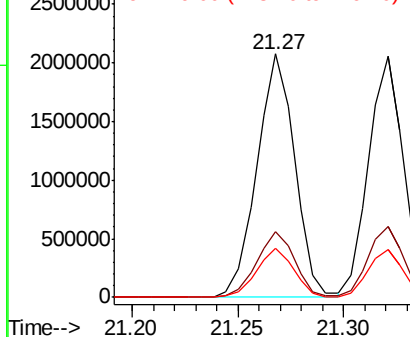
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.035 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

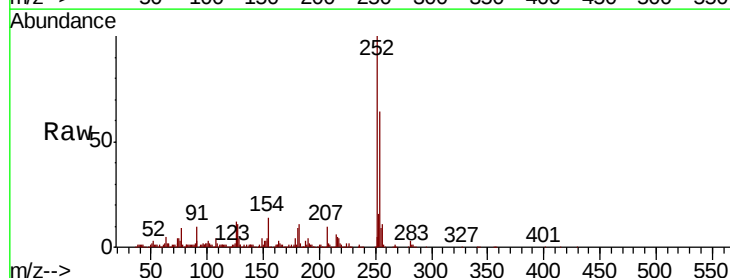
Tgt Ion:252 Resp: 598727

Ion Ratio Lower Upper

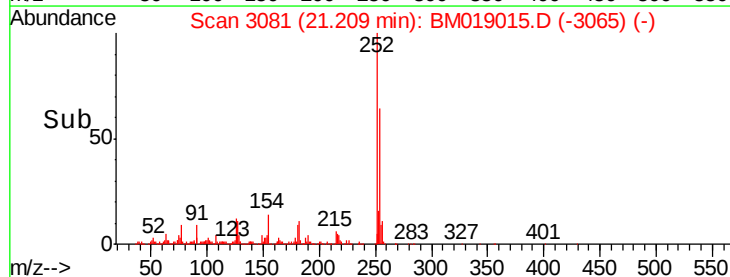
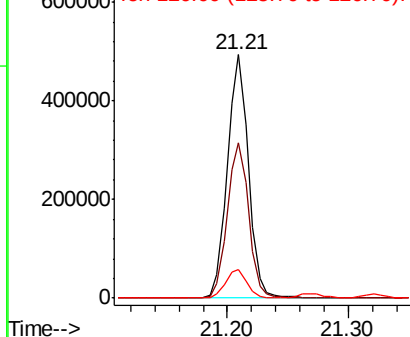
252 100

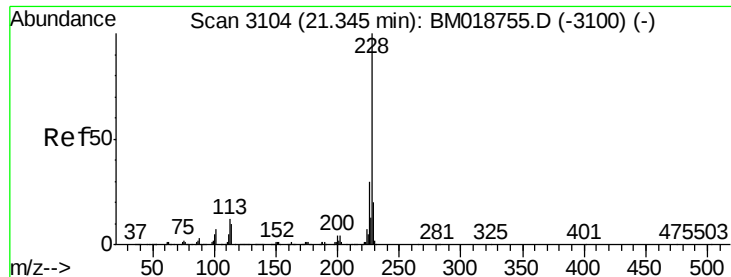
254 64.0 51.8 77.8

126 11.7 9.1 13.7



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





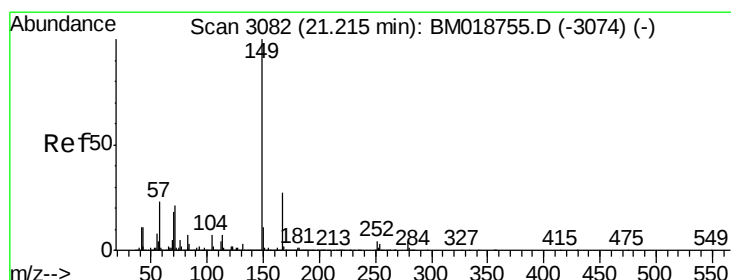
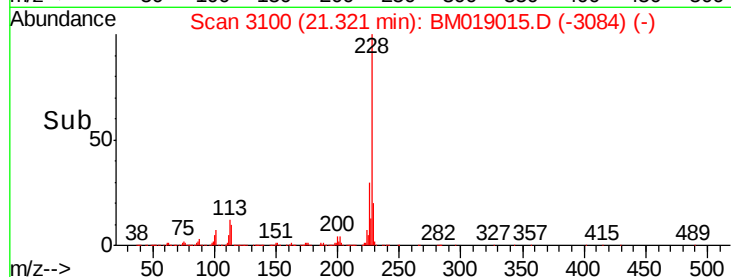
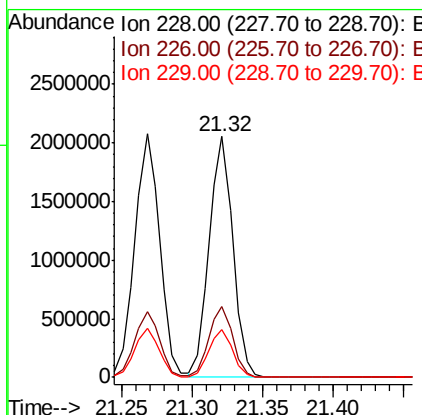
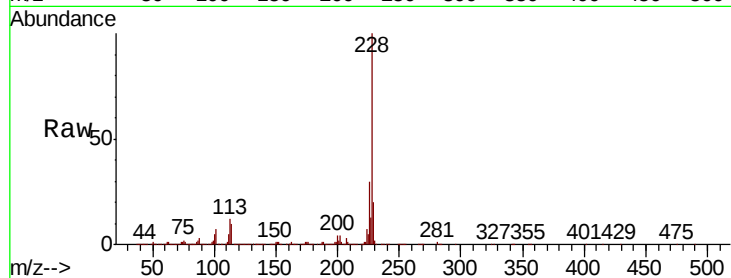
#83
Chrysene
Concen: 37.994 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0

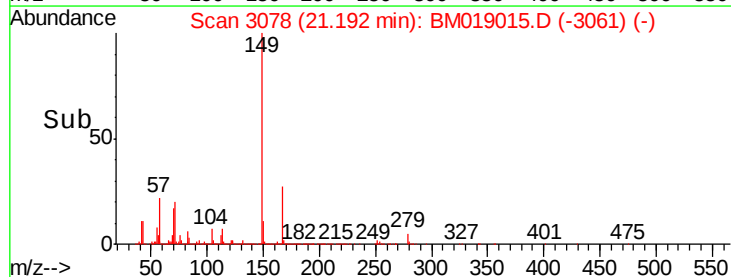
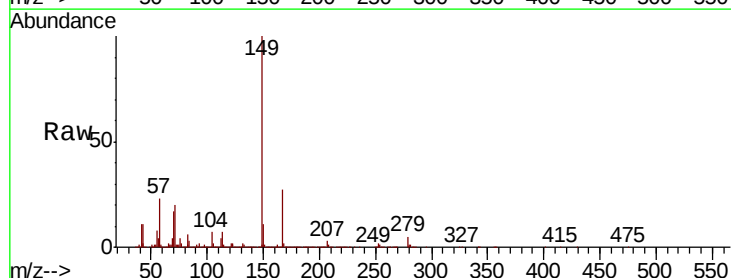
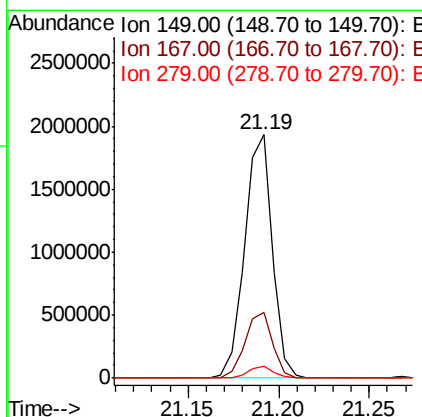
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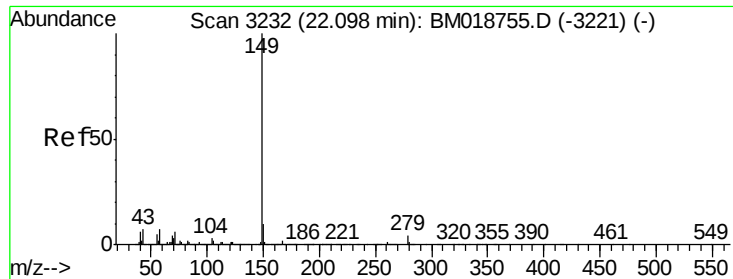
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.693 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.7	3.6	5.4





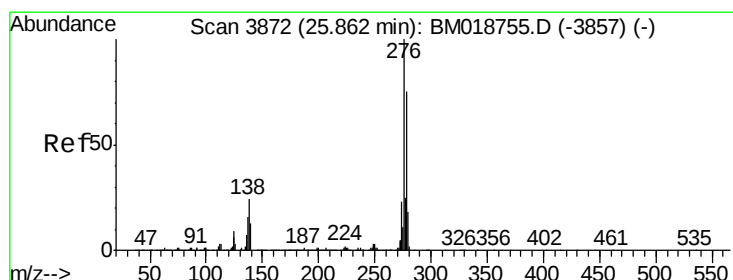
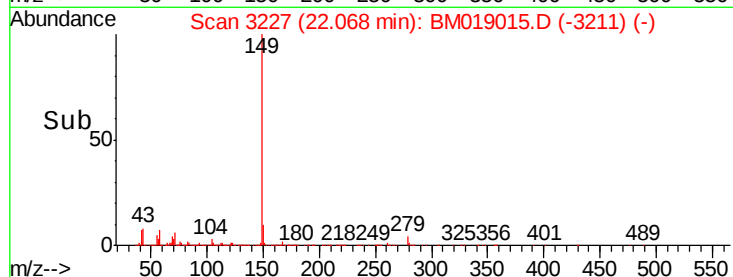
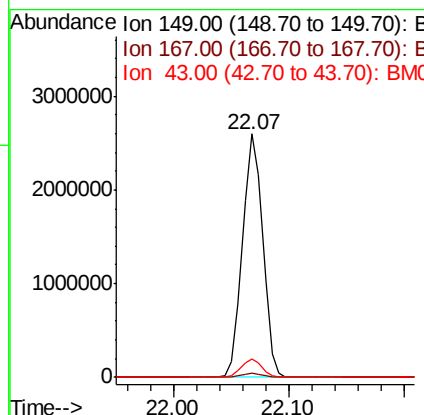
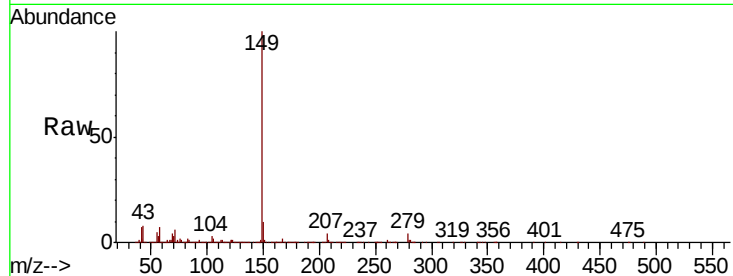
#85
Di-n-octyl phthalate
Concen: 43.175 ng
RT: 22.07 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

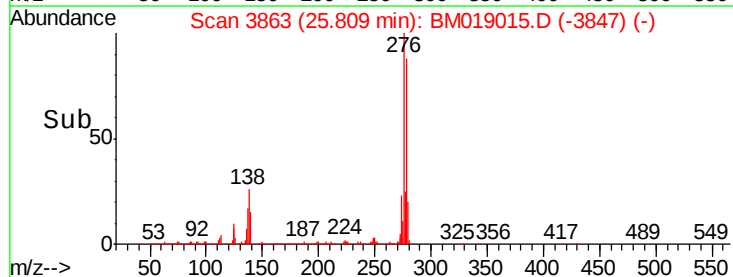
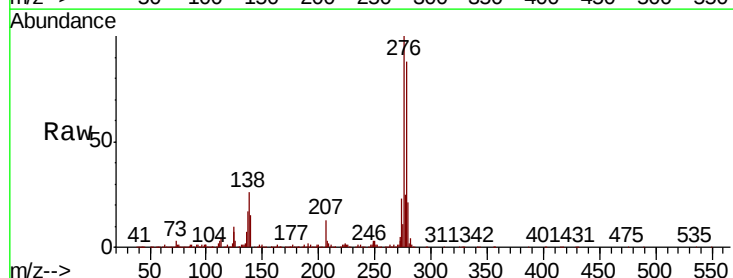
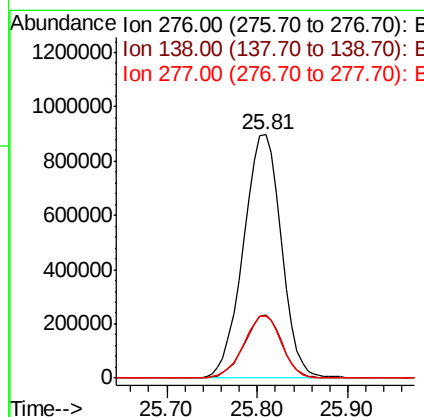
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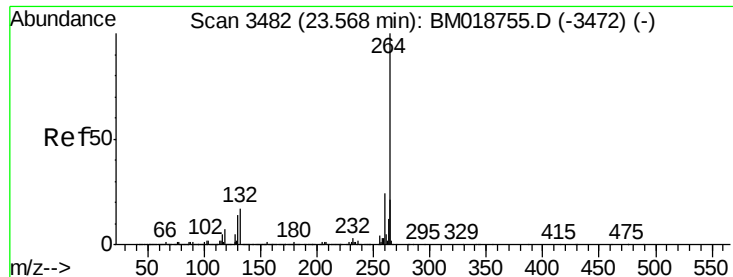
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.065 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

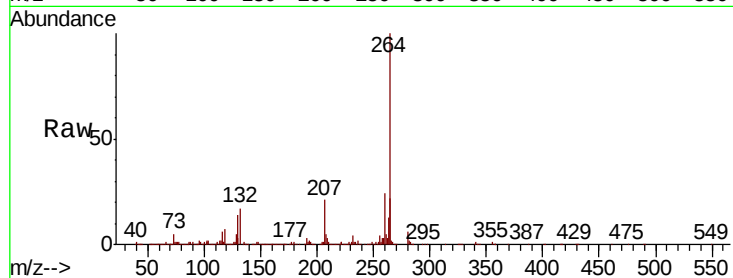
ClientSampleId :

A0C1-TWPMS

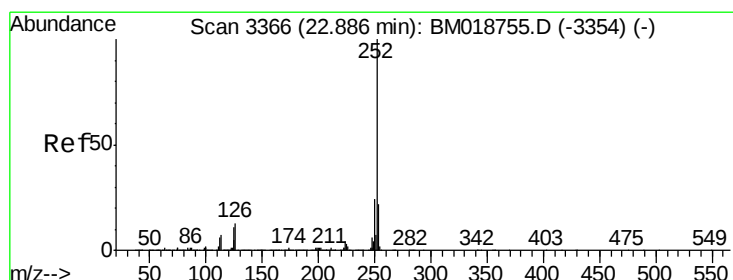
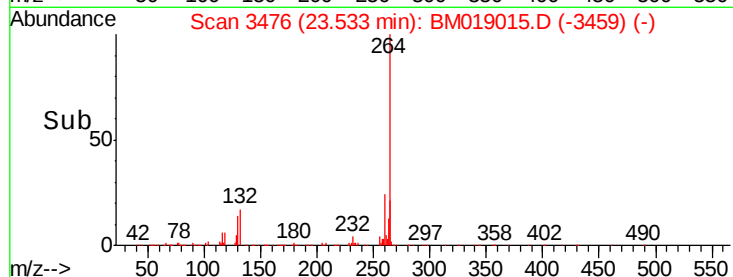
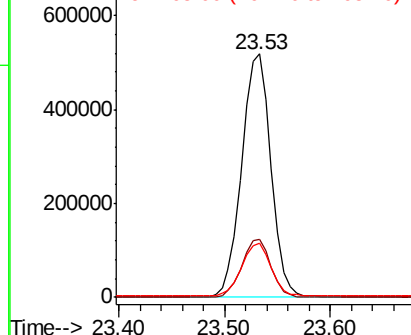
Tot Ion:	264	Resp:	998072
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.863 ng

RT: 22.85 min Scan# 3360

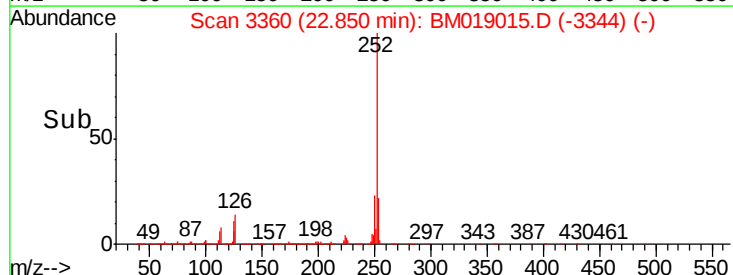
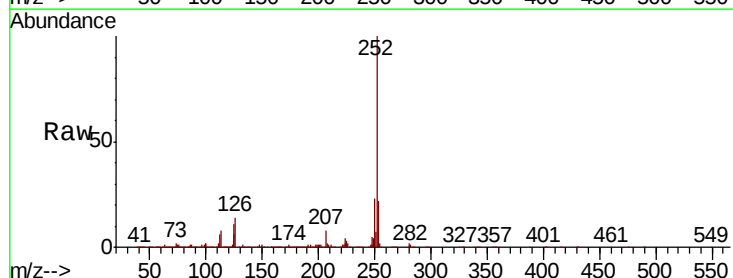
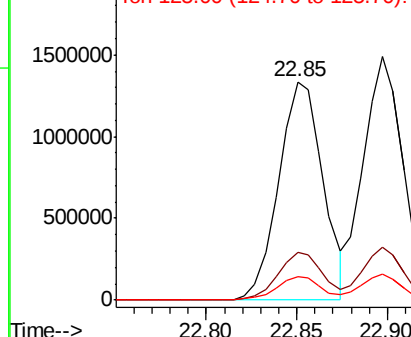
Delta R.T. -0.01 min

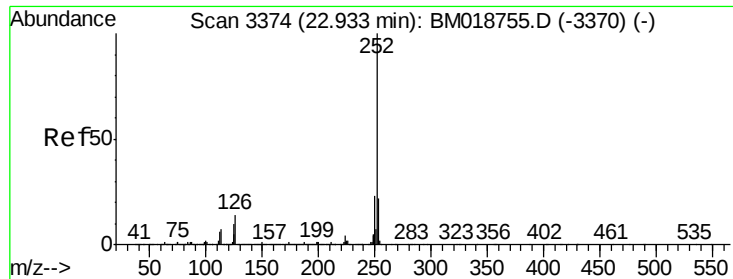
Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:	252	Resp:	2276341
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.9	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





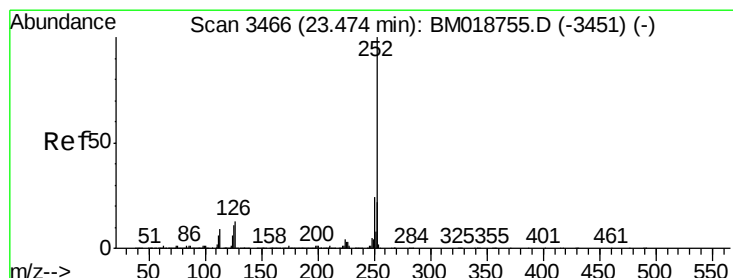
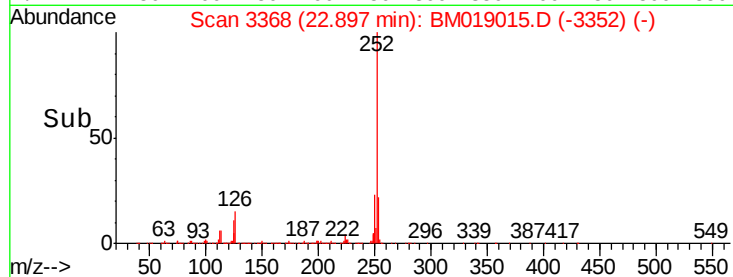
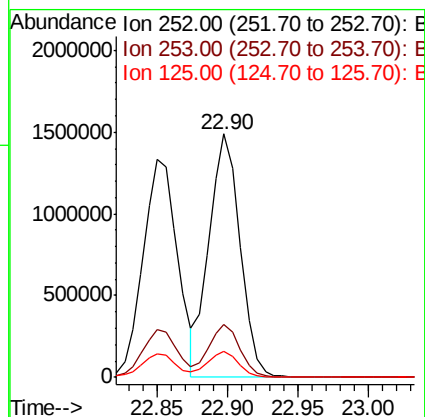
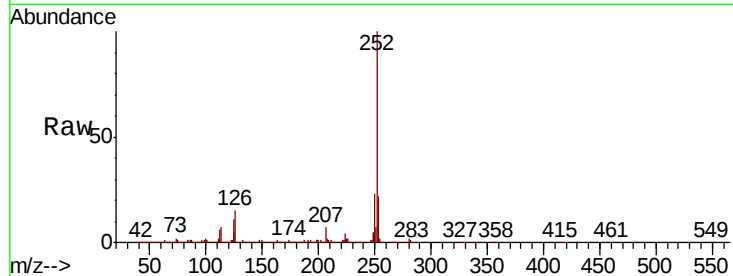
#89
Benzo(k)fluoranthene
Concen: 39.732 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.7	8.2	12.4

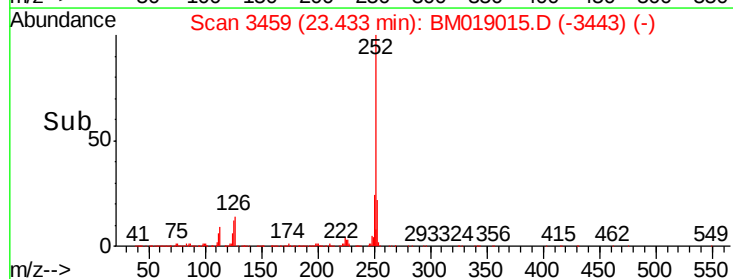
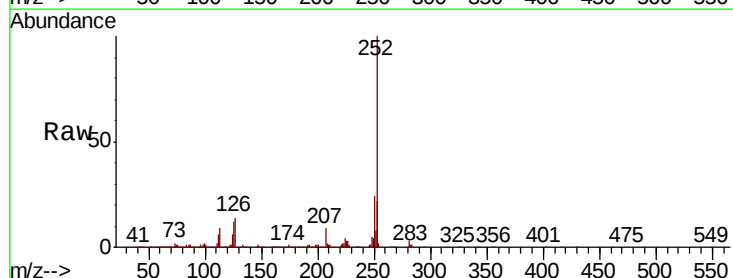
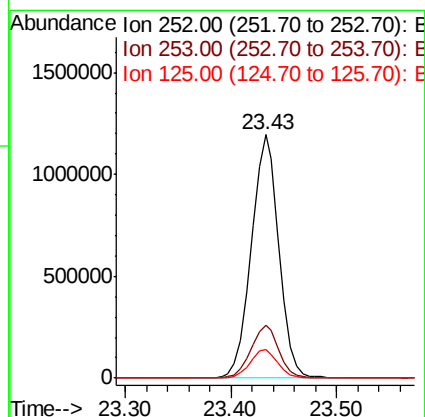
Manual Integrations
APPROVED

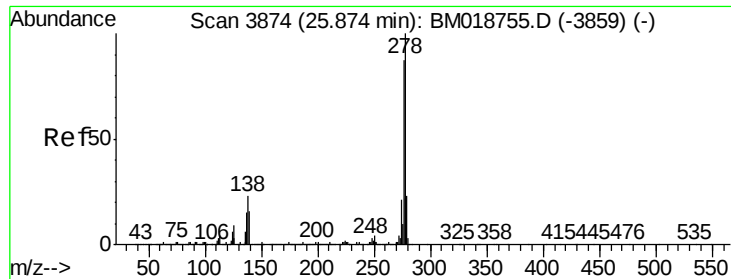
Sohil
3/5/2019 5:23:45 PM



#90
Benzo(a)pyrene
Concen: 39.823 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.6	8.6	13.0





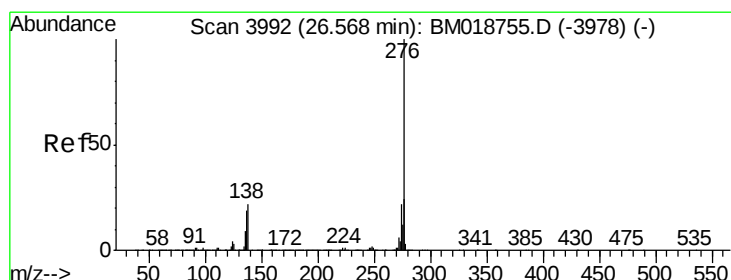
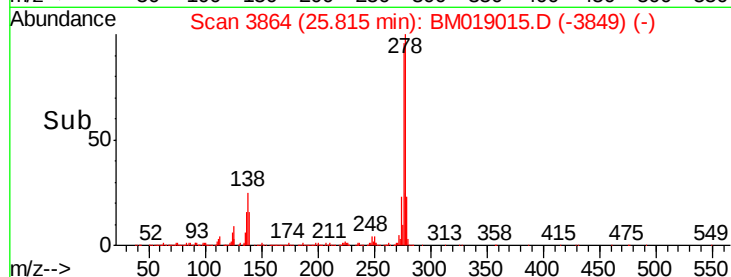
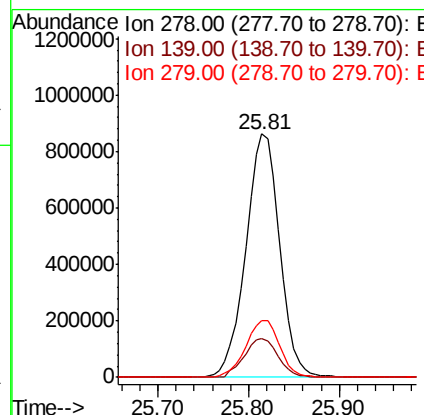
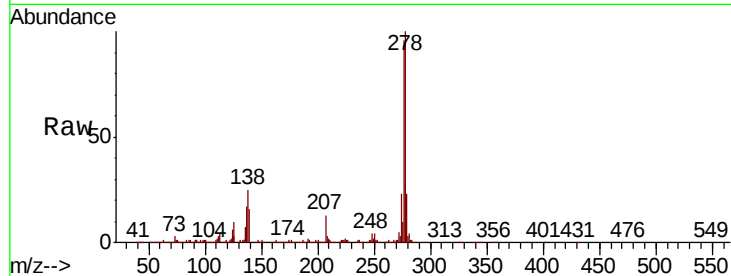
#91
Dibenzo(a,h)anthracene
Concen: 41.652 ng
RT: 25.81 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.4	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/5/2019 5:23:45 PM



#92
Benzo(g,h,i)perylene
Concen: 42.741 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	21.9	17.3	25.9

