

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020518.D
 Acq On : 23 May 2019 16:32
 Operator : JU/SJ
 Sample : K2966-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:01:36 PM

Quant Time: May 24 02:54:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	50660	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	168866	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	98501	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	243465	20.00	ng	0.00
76) Chrysene-d12	21.28	240	282556	20.00	ng	0.00
87) Perylene-d12	23.53	264	328006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	354302	114.32	ng	0.00
7) Phenol-d6	6.85	99	471170	111.28	ng	0.00
23) Nitrobenzene-d5	8.84	82	306962	71.77	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	200620	131.22	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	589108	73.58	ng	0.00
79) Terphenyl-d14	19.72	244	1045485	64.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	45875	30.180	ng	# 87
3) Pyridine	3.58	79	92250	23.730	ng	# 89
4) n-Nitrosodimethylamine	3.50	42	34243	27.469	ng	# 45
6) Aniline	7.01	93	86247	16.182	ng	92
8) 2-Chlorophenol	7.23	128	121773	36.085	ng	95
9) Benzaldehyde	6.83	77	86474	26.984	ng	90
10) Phenol	6.87	94	173089	37.974	ng	85
11) bis(2-Chloroethyl)ether	7.11	93	114606	34.594	ng	90
12) 1,3-Dichlorobenzene	7.56	146	136802	34.842	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	139197	35.094	ng	94
14) 1,2-Dichlorobenzene	8.02	146	132600	35.090	ng	97
15) Benzyl Alcohol	7.92	79	113329	27.758	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	76943	28.010	ng	88
17) 2-Methylphenol	8.12	107	101595	34.625	ng	94
18) Hexachloroethane	8.73	117	52013	31.450	ng	89
19) n-Nitroso-di-n-propylamine	8.48	70	103394	28.543	ng	94
20) 3+4-Methylphenols	8.45	107	132580	33.998	ng	94
22) Acetophenone	8.50	105	183298	39.717	ng	# 94
24) Nitrobenzene	8.89	77	158515	35.743	ng	93
25) Isophorone	9.40	82	267575	36.276	ng	98
26) 2-Nitrophenol	9.59	139	56664	42.322	ng	93
27) 2,4-Dimethylphenol	9.65	122	95533	42.859	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	144013	35.849	ng	97
29) 2,4-Dichlorophenol	10.12	162	114485	40.732	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	141353	40.872	ng	98
31) Naphthalene	10.51	128	332069	37.894	ng	99
32) Benzoic acid	9.77	122	51753m	34.749	ng	
33) 4-Chloroaniline	10.65	127	38216	10.596	ng	95
34) Hexachlorobutadiene	10.77	225	98415	40.226	ng	99
35) Caprolactam	11.45	113	26415	31.430	ng	95
36) 4-Chloro-3-methylphenol	11.77	107	115574	34.991	ng	89
37) 2-Methylnaphthalene	12.13	142	239004	37.411	ng	96
38) 1-Methylnaphthalene	12.35	142	227436	36.406	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	170610	44.271	ng	# 96

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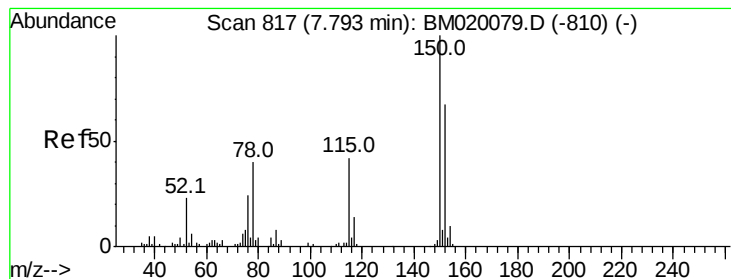
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	145556	64.147	nq	99
43) 2,4,6-Trichlorophenol	12.76	196	102908	46.986	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	104949	42.893	nq	94
46) 1,1'-Biphenyl	13.16	154	314801	38.828	nq	99
47) 2-Chloronaphthalene	13.20	162	255833	39.521	nq	97
48) 2-Nitroaniline	13.43	65	66394	28.810	nq	89
49) Acenaphthylene	14.05	152	384079	37.074	nq	99
50) Dimethylphthalate	13.79	163	405086	48.387	nq	100
51) 2,6-Dinitrotoluene	13.93	165	66175	37.529	nq	87
52) Acenaphthene	14.39	154	223975	37.701	nq	99
53) 3-Nitroaniline	14.26	138	23935	14.625	nq	95
54) 2,4-Dinitrophenol	14.48	184	66337	75.626	nq	# 84
55) Dibenzofuran	14.73	168	390045	38.923	nq	95
56) 4-Nitrophenol	14.57	139	89811	64.320	nq	92
57) 2,4-Dinitrotoluene	14.72	165	89685	37.432	nq	# 95
58) Fluorene	15.39	166	304762	37.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	103941	44.703	nq	# 90
60) Diethylphthalate	15.16	149	297273	35.245	nq	98
61) 4-Chlorophenyl-phenylether	15.38	204	189287	40.593	nq	91
62) 4-Nitroaniline	15.43	138	44841m	24.828	nq	
63) Azobenzene	15.67	77	320084	32.168	nq	94
65) 4,6-Dinitro-2-methylphenol	15.49	198	47382	39.978	nq	91
66) n-Nitrosodiphenylamine	15.60	169	265373	37.042	nq	98
67) 4-Bromophenyl-phenylether	16.27	248	116804	39.124	nq	92
68) Hexachlorobenzene	16.38	284	139224	40.524	nq	# 94
69) Atrazine	16.56	200	95959	34.275	nq	93
70) Pentachlorophenol	16.73	266	159302	81.041	nq	98
71) Phenanthrene	17.13	178	492312	36.632	nq	99
72) Anthracene	17.22	178	488932	36.387	nq	99
73) Carbazole	17.50	167	424794	35.036	nq	98
74) Di-n-butylphthalate	18.04	149	468359	32.099	nq	98
75) Fluoranthene	19.15	202	637471	37.489	nq	99
77) Benzidine	19.35	184	108094	11.966	nq	100
78) Pyrene	19.52	202	654749	34.514	nq	99
80) Butylbenzylphthalate	20.42	149	209398	30.353	nq	96
81) Benzo(a)anthracene	21.27	228	681341	34.384	nq	99
82) 3,3'-Dichlorobenzidine	21.20	252	136481	18.046	nq	# 99
83) Chrysene	21.32	228	688159	35.808	nq	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	329599	30.790	nq	99
85) Di-n-octyl phthalate	22.06	149	590584	33.193	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.81	276	944174	41.304	nq	# 100
88) Benzo(b)fluoranthene	22.85	252	790654m	36.503	nq	
89) Benzo(k)fluoranthene	22.89	252	721601m	36.522	nq	
90) Benzo(a)pyrene	23.43	252	743309	37.781	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	809374	39.558	nq	98
92) Benzo(g,h,i)perylene	26.51	276	791500	40.746	nq	98

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



#1

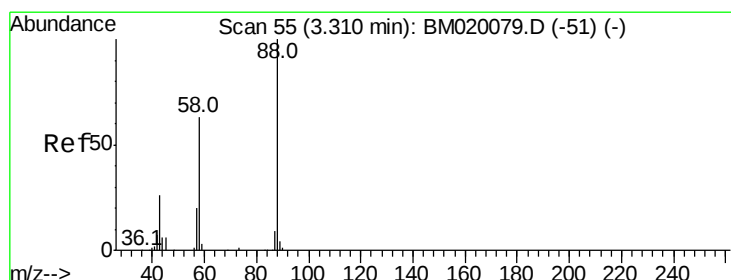
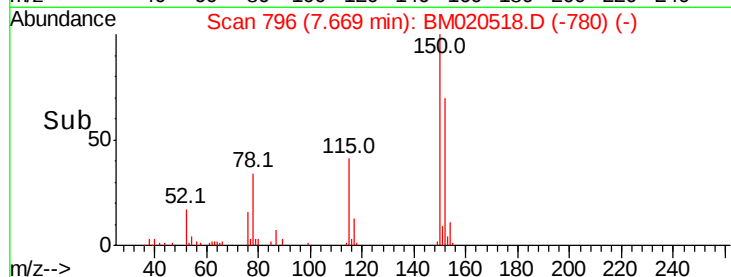
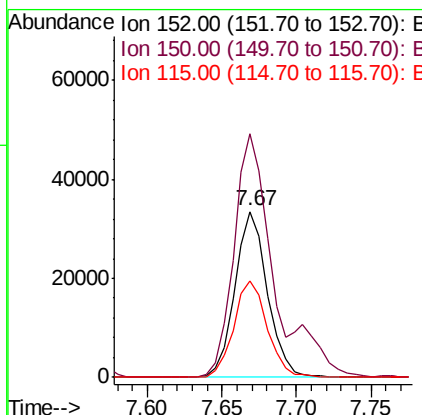
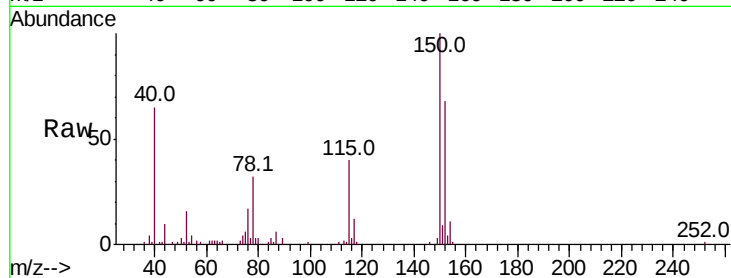
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.8	179.8
115	58.4	50.8	76.2

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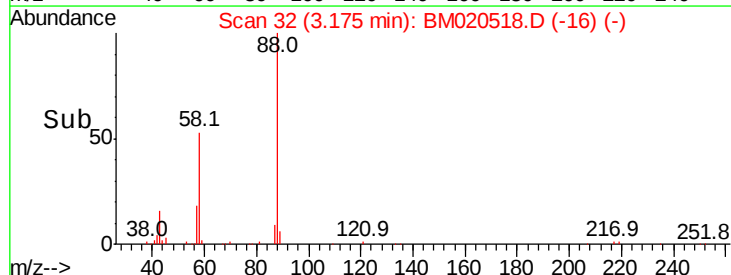
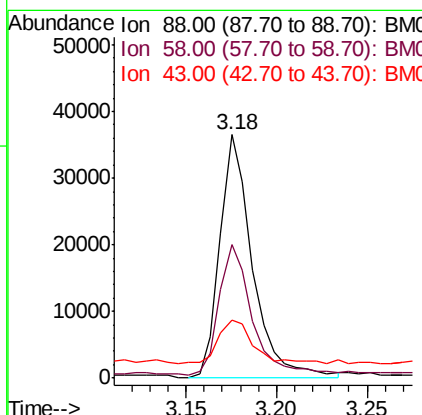
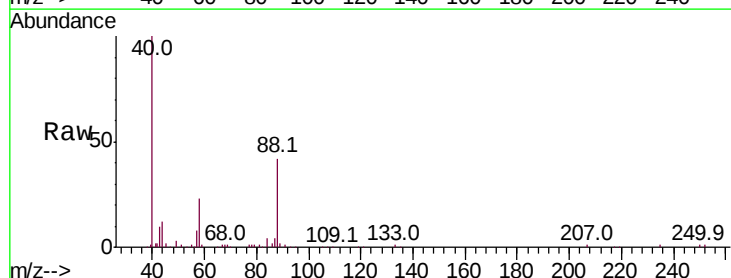
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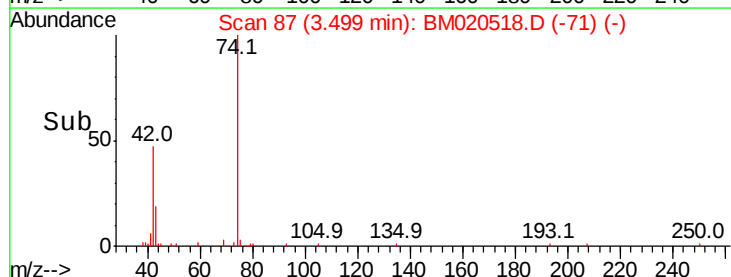
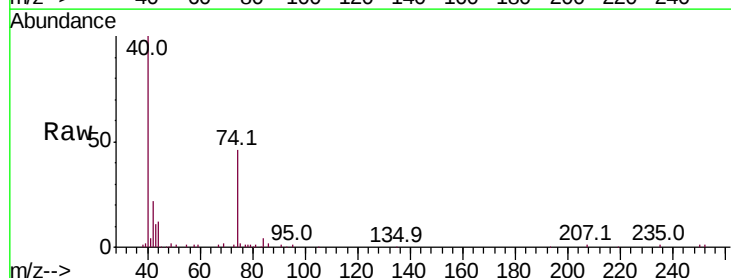
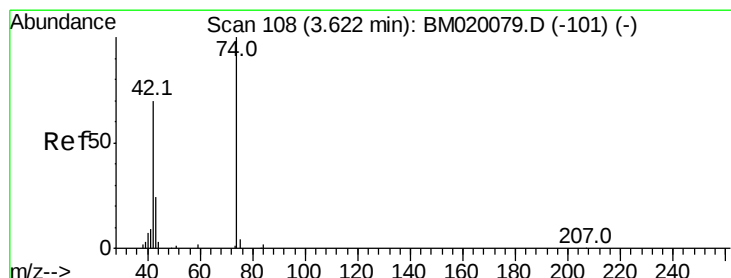
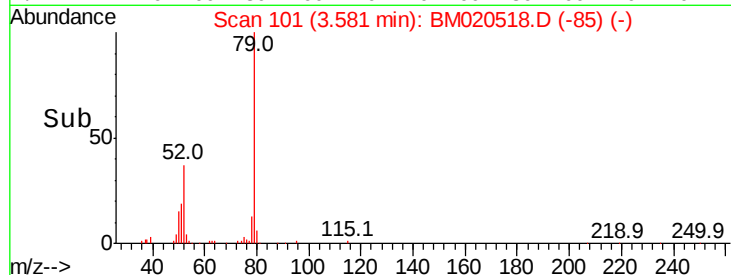
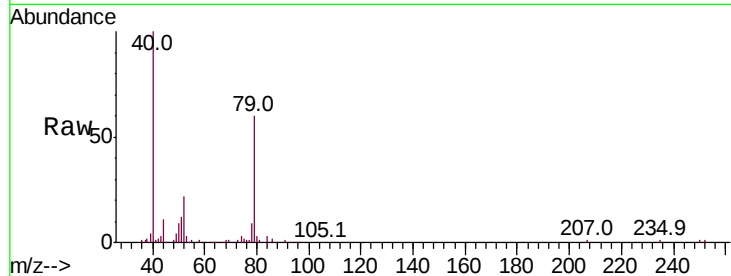
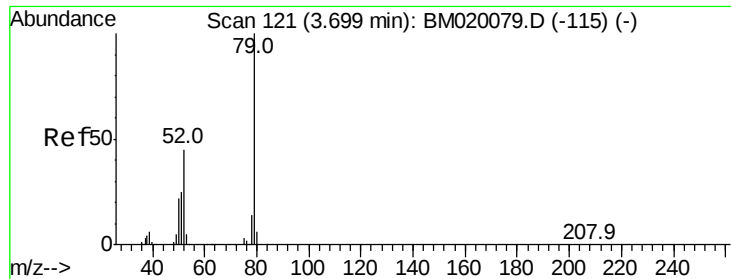


#2

1,4-Dioxane
Concen: 30.180 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.4	51.8	77.6
43	19.9	20.3	30.5#





#3

Pvridine

Concen: 23.730 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tot Ion:	79	Resp:	92250
Ion Ratio	Lower	Upper	
79	100		
52	37.0	35.7	53.5
51	20.6	20.8	31.2#

Instrument :

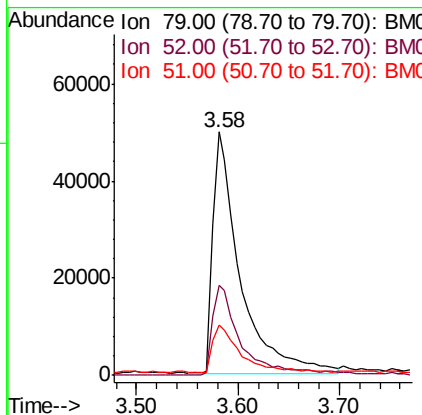
BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 27.469 ng

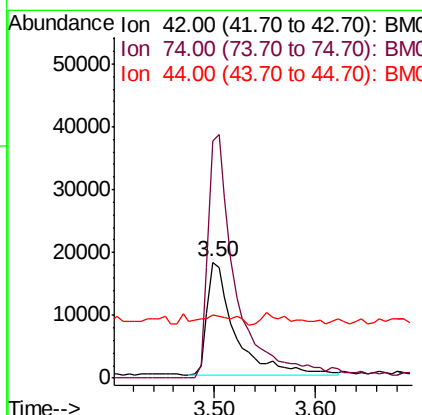
RT: 3.50 min Scan# 87

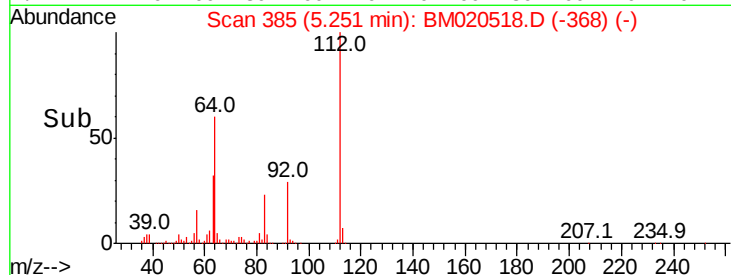
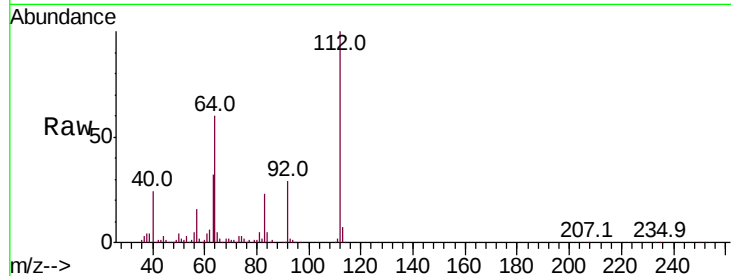
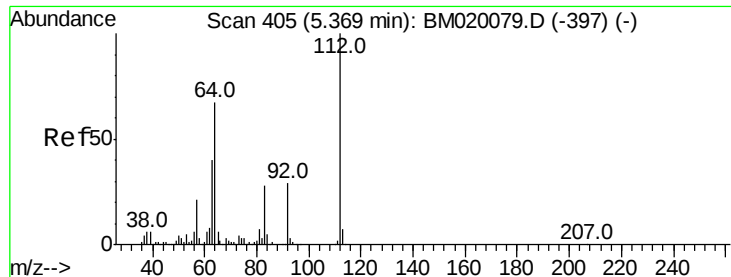
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	42	Resp:	34243
Ion Ratio	Lower	Upper	
42	100		
74	205.2	113.7	170.5#
44	55.0	3.9	5.9#





#5

2-Fluorophenol

Concen: 114.319 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

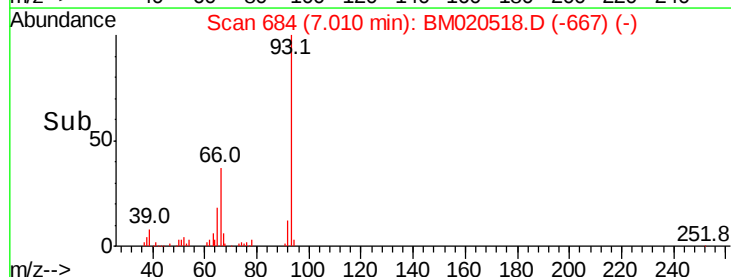
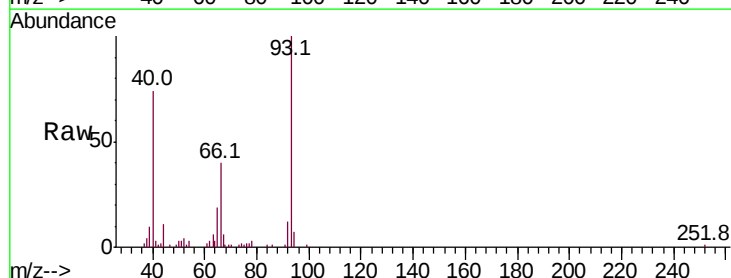
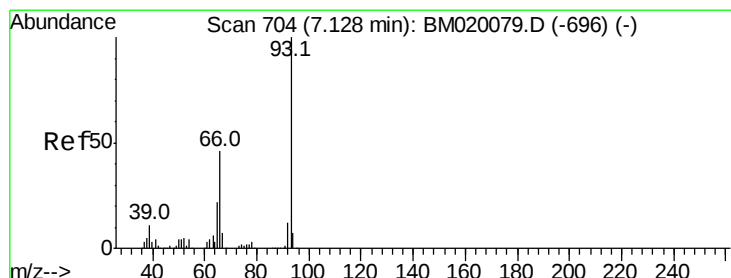
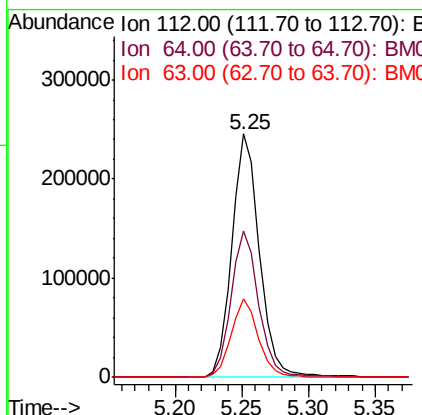
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	112	Resp:	354302
Ion Ratio	Lower	Upper	
112	100		
64	60.4	53.8	80.6
63	32.2	32.3	48.5#

Manual Integrations
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#6

Aniline

Concen: 16.182 ng

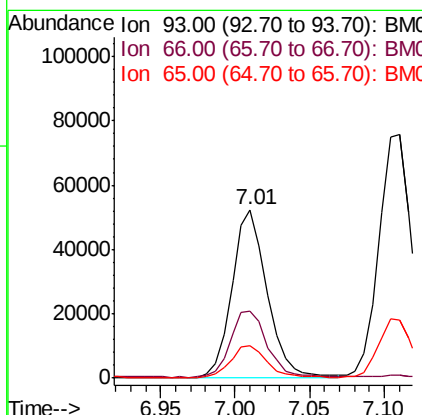
RT: 7.01 min Scan# 684

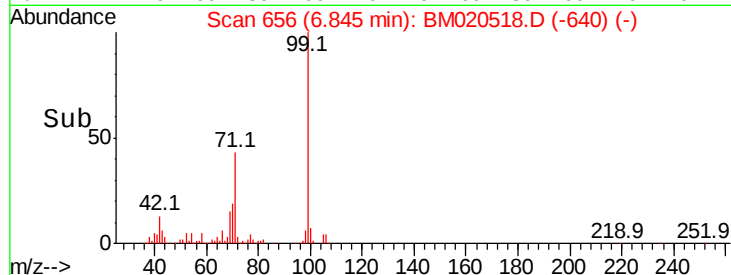
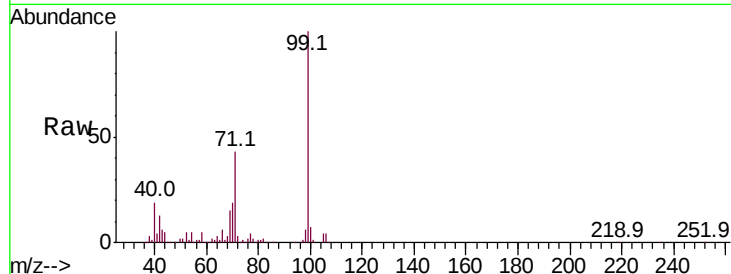
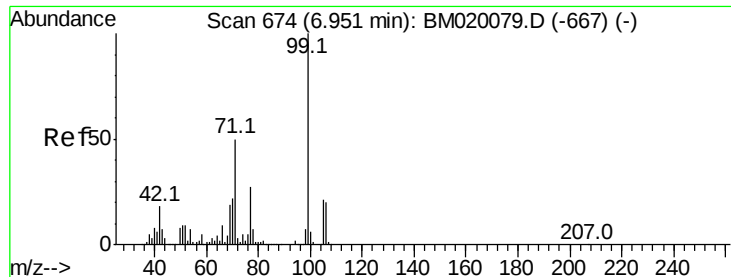
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	93	Resp:	86247
Ion Ratio	Lower	Upper	
93	100		
66	40.0	36.6	54.8
65	19.0	17.8	26.6





#7

Phenol-d6

Concen: 111.282 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tot Ion:	99	Resp:	471170
Ion Ratio	Lower	Upper	
99	100		
42	12.6	14.2	21.2#
71	43.3	40.3	60.5

Instrument :

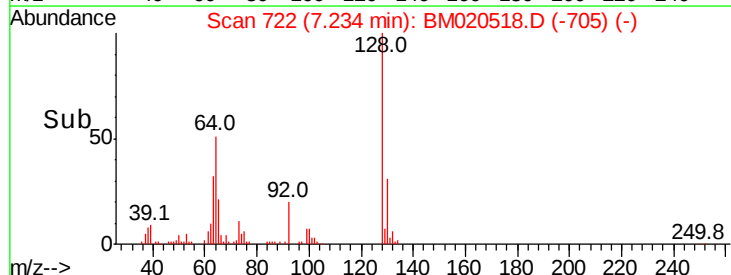
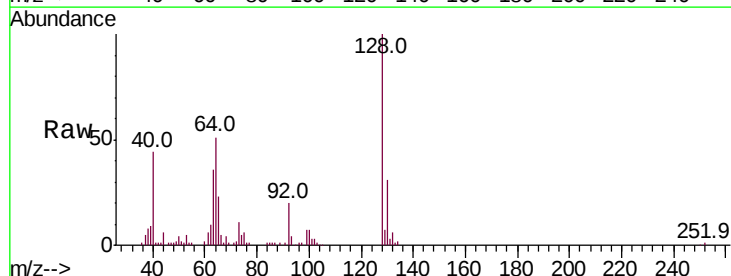
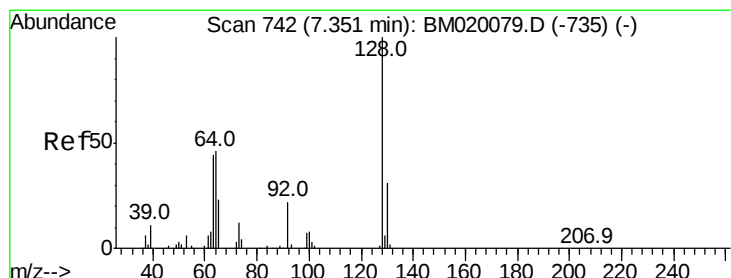
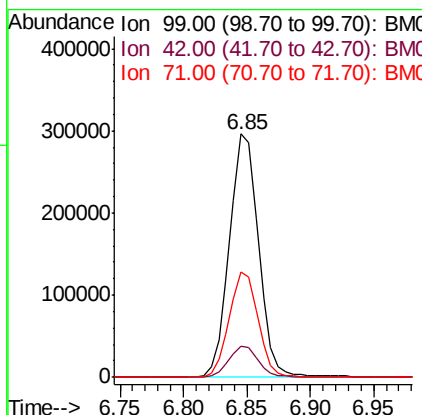
BNA_M

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FESB-16(2.4-2.9)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.085 ng

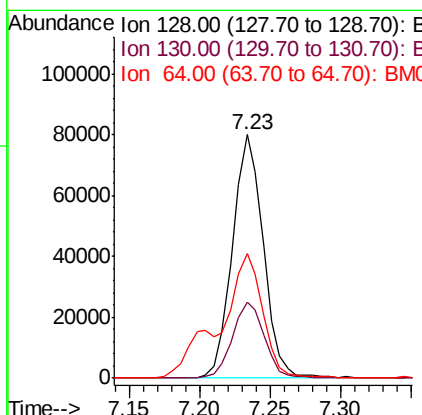
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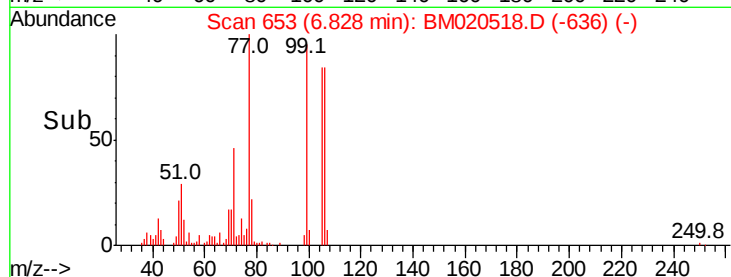
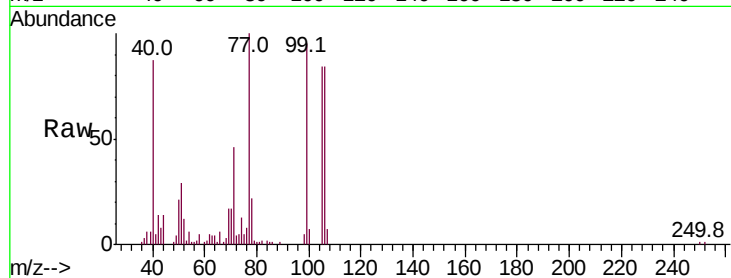
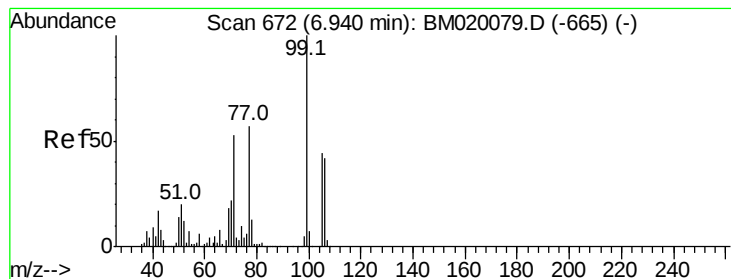
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	128	Resp:	121773
Ion Ratio	Lower	Upper	
128	100		
130	31.2	10.8	50.8
64	51.1	36.5	76.5





#9

Benzaldehyde

Concen: 26.984 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tot Ion:	77	Resp:	86474
Ion Ratio	Lower	Upper	
77	100		
105	84.4	57.8	97.8
106	83.9	53.6	93.6

Instrument :

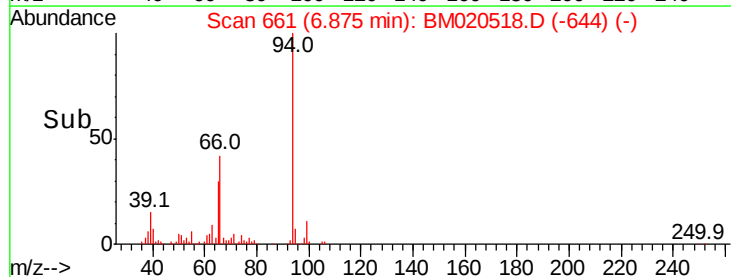
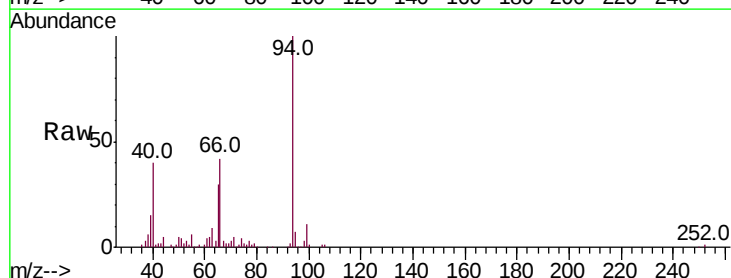
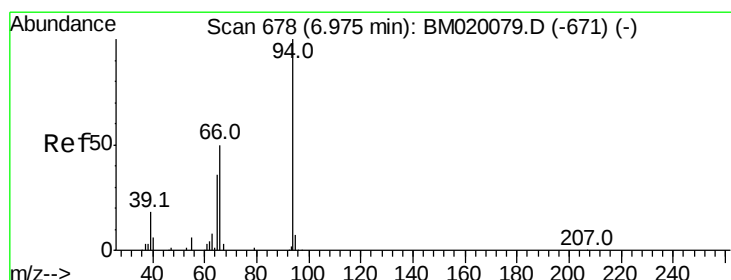
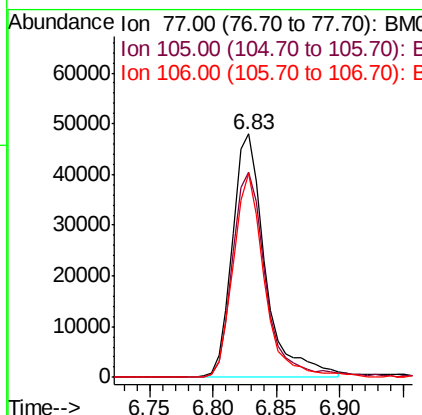
BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

Manual Integrations
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#10

Phenol

Concen: 37.974 ng

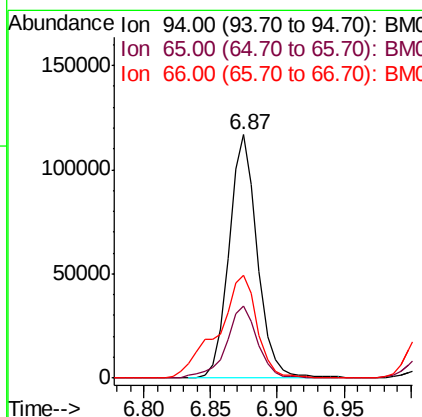
RT: 6.87 min Scan# 661

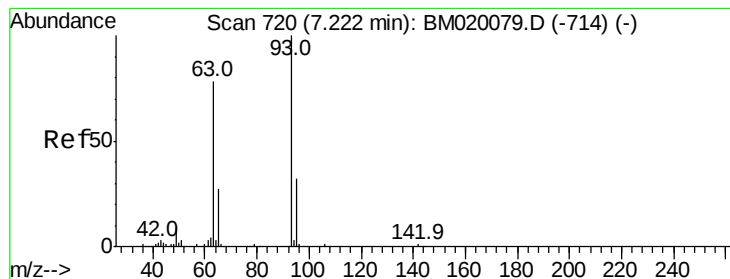
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	94	Resp:	173089
Ion Ratio	Lower	Upper	
94	100		
65	29.8	17.0	57.0
66	42.4	34.5	74.5





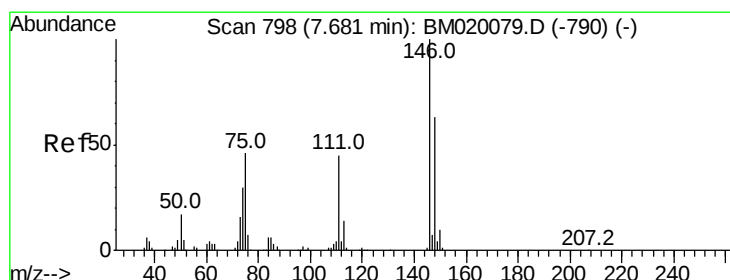
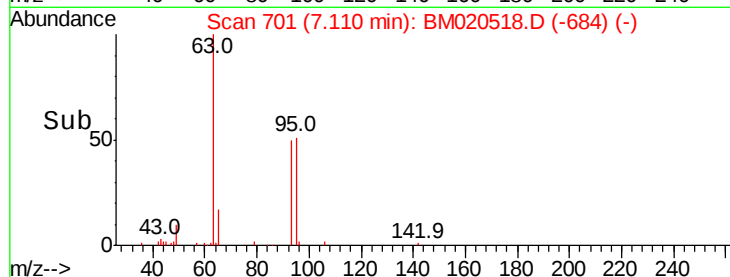
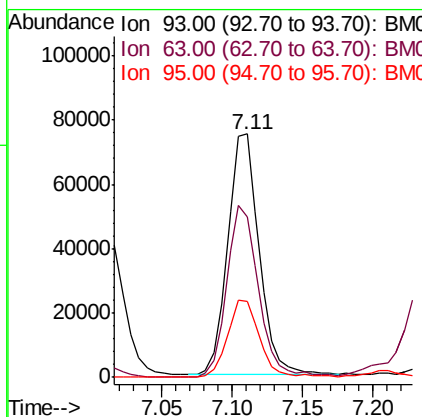
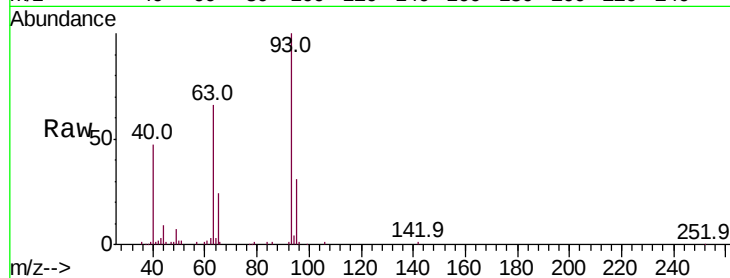
#11
bis(2-Chloroethyl)ether
Concen: 34.594 ng
RT: 7.11 min Scan# 701
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.0	57.9	97.9
95	31.4	11.3	51.3

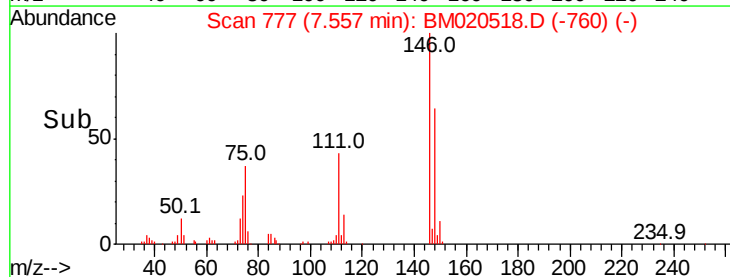
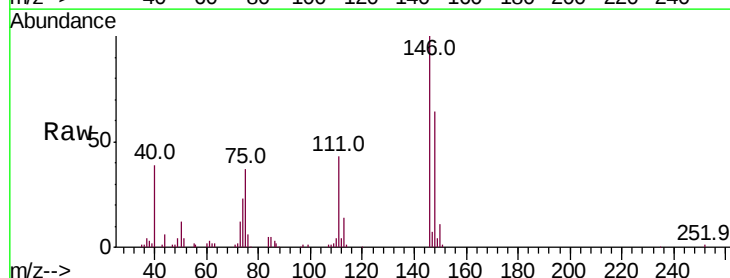
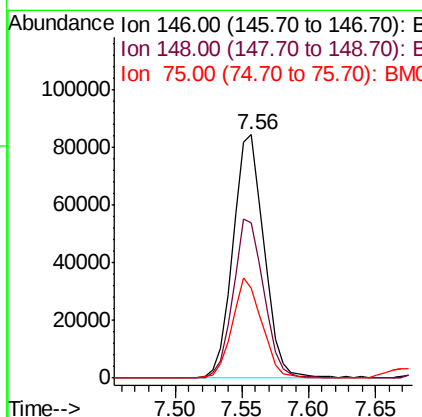
Manual Integrations
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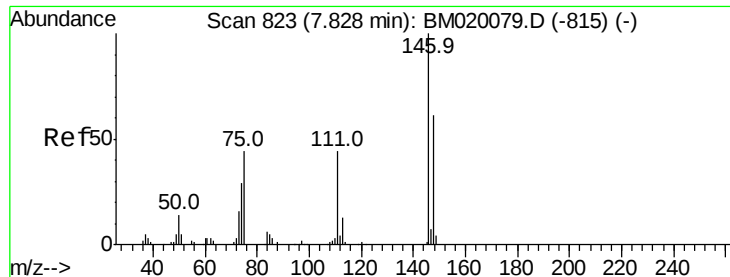
Sohil
5/24/2019 5:01:36 PM



#12
1,3-Dichlorobenzene
Concen: 34.842 ng
RT: 7.56 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.1	75.1
75	36.9	37.2	55.8#





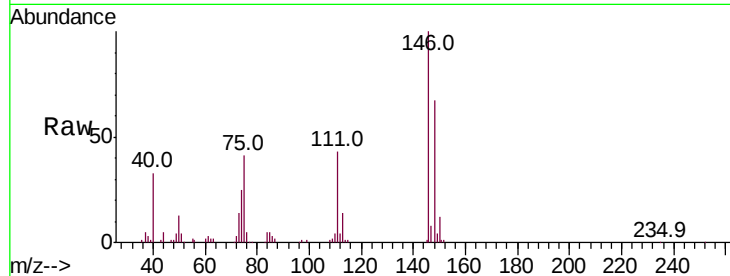
#13
 1,4-Dichlorobenzene
 Concen: 35.094 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	48.5	72.7
111	43.0	35.7	53.5

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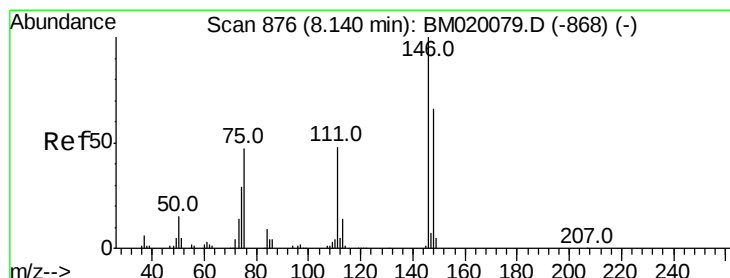
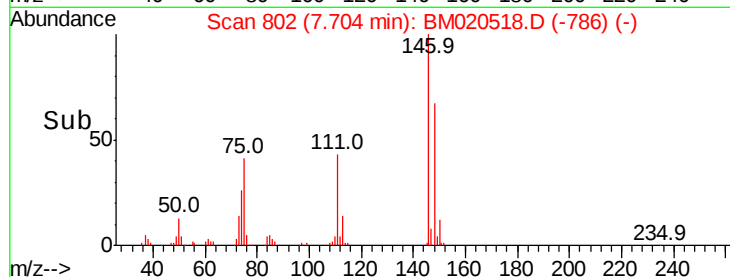
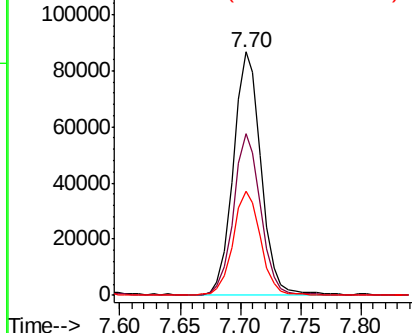


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.090 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

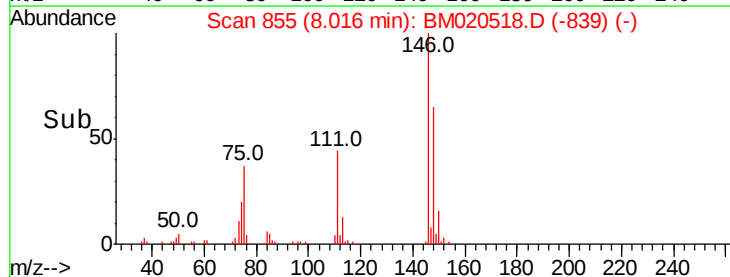
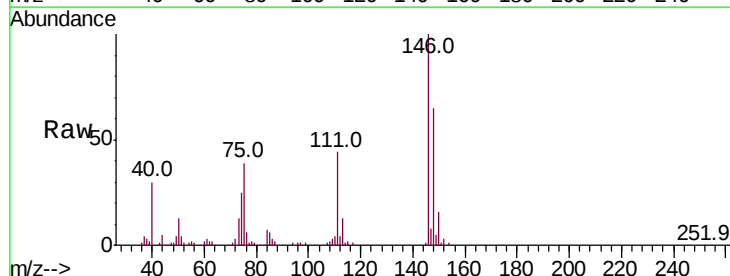
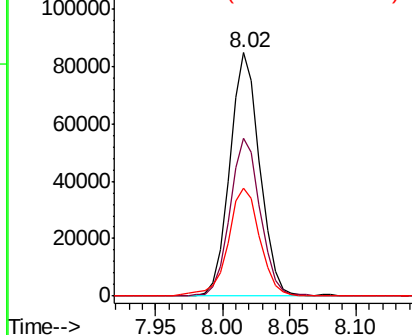
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.6	79.0
111	44.4	39.0	58.4

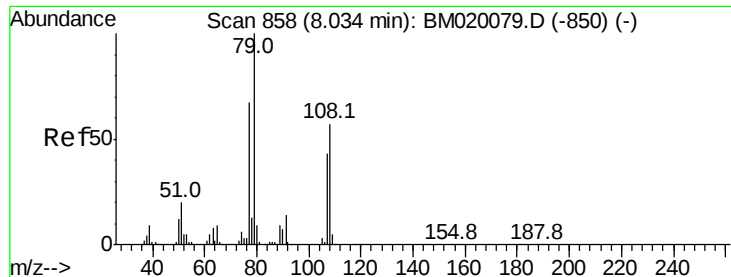
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.758 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

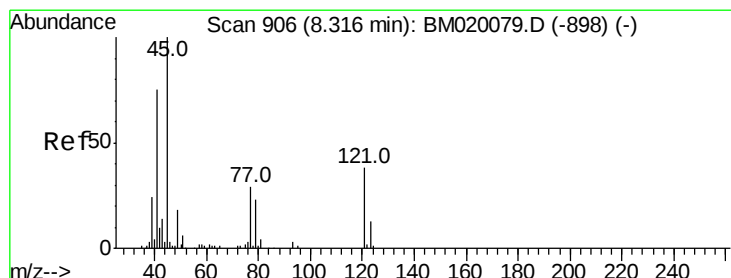
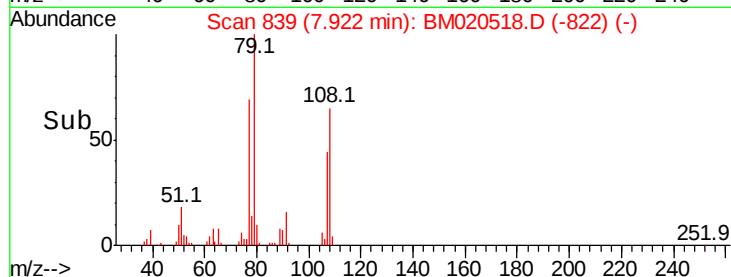
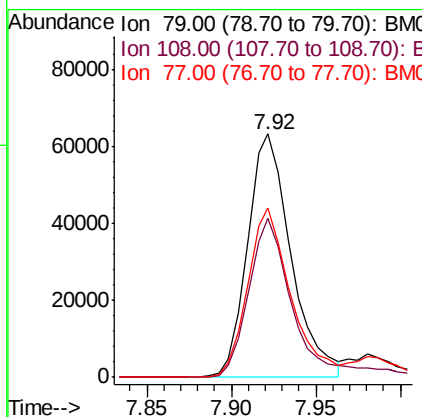
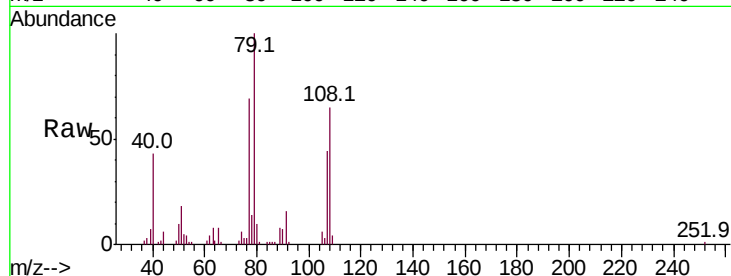
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	79	Resp:	113329
Ion Ratio	Lower	Upper	
79	100		
108	65.1	46.0	69.0
77	69.3	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.010 ng

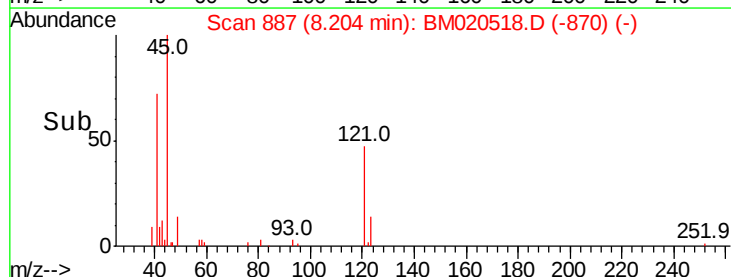
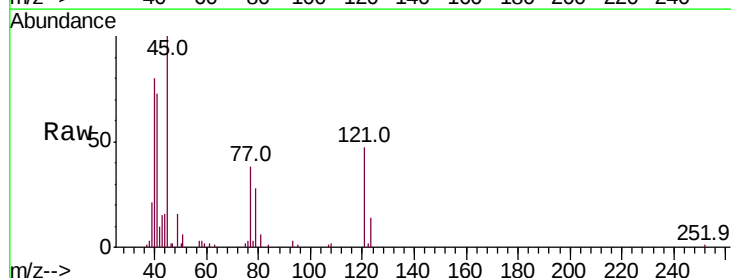
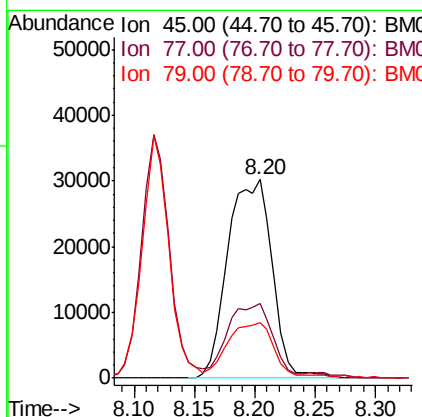
RT: 8.20 min Scan# 887

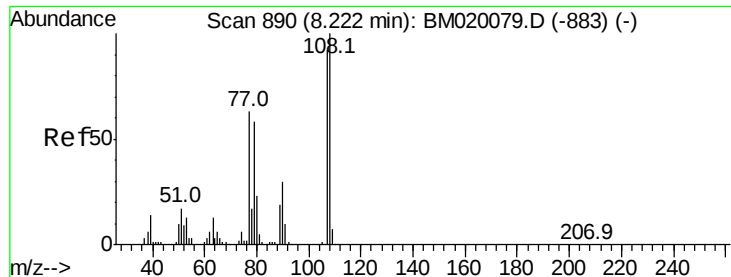
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	45	Resp:	76943
Ion Ratio	Lower	Upper	
45	100		
77	37.6	10.5	50.5
79	28.0	3.3	43.3





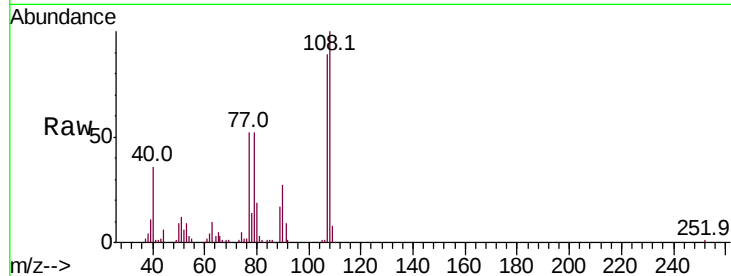
#17
2-Methylphenol
Concen: 34.625 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	87.0	130.4	
77	58.9	54.7	82.1	
79	58.5	50.1	75.1	

Manual Integrations
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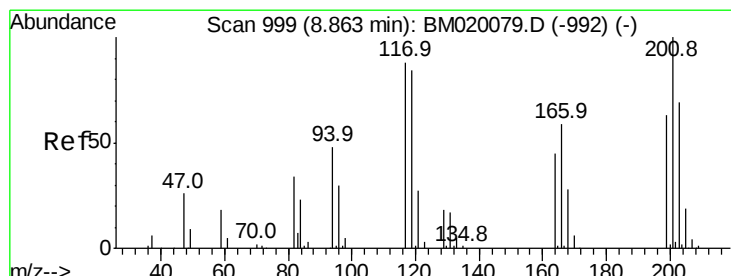
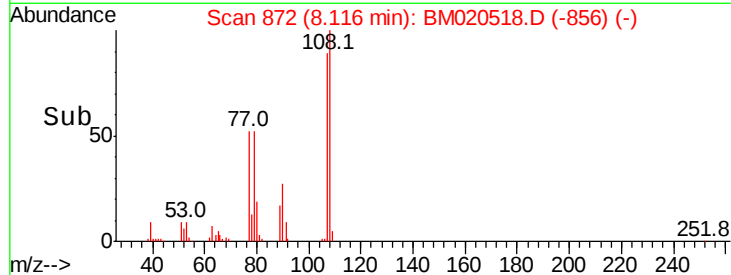
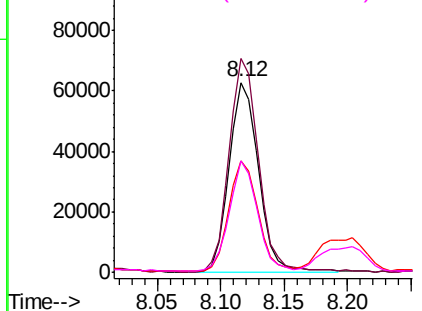
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 31.450 ng
RT: 8.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

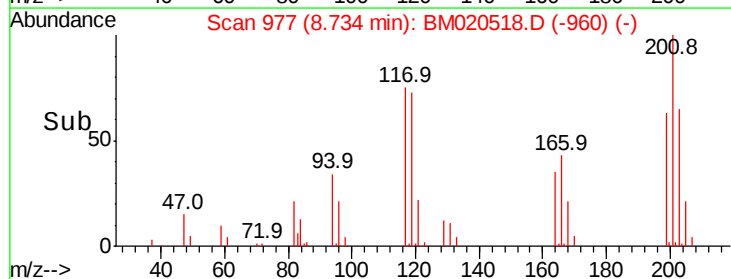
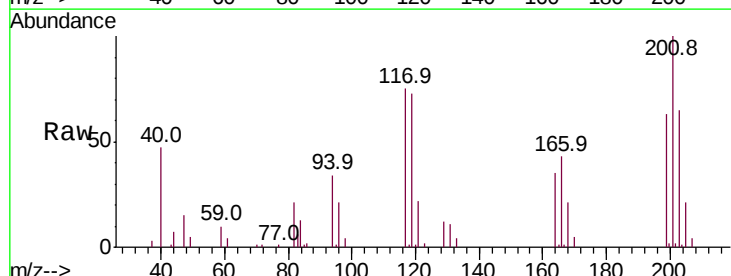
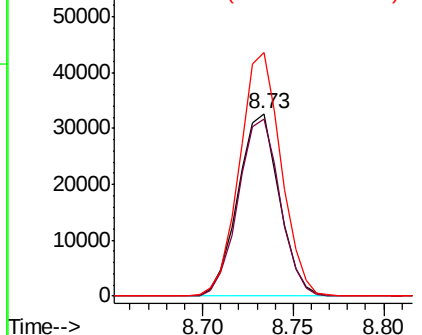
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	114.8	
201	133.5	90.7	136.1	

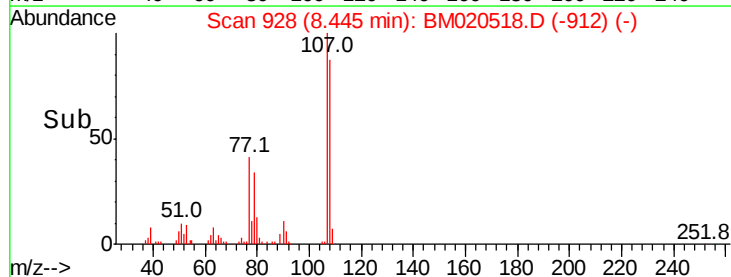
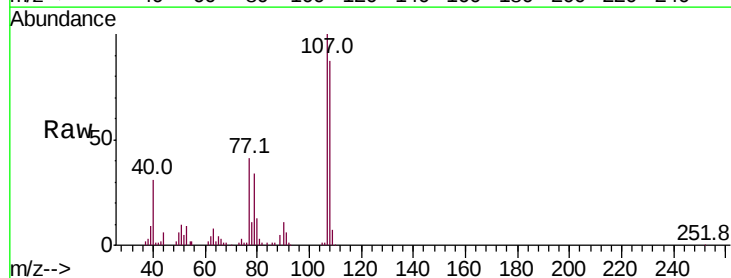
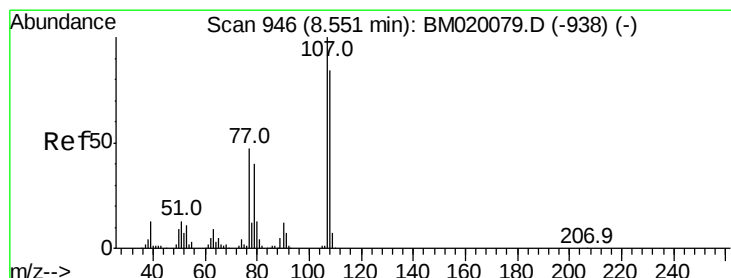
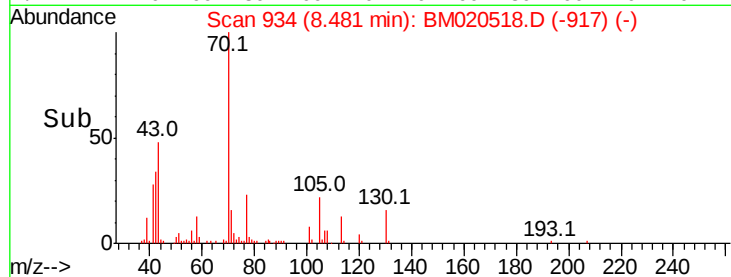
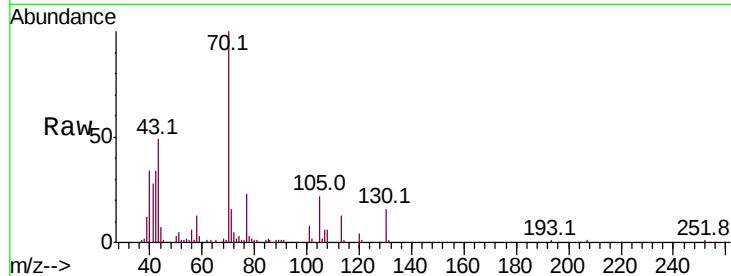
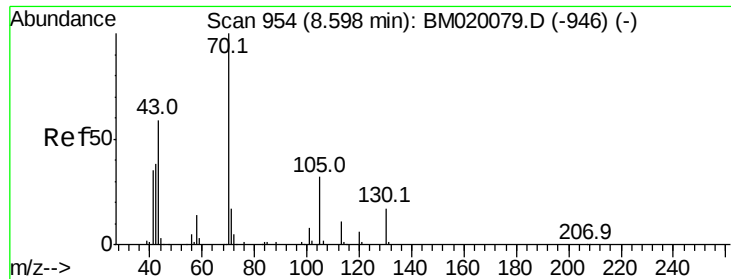
Abundance

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





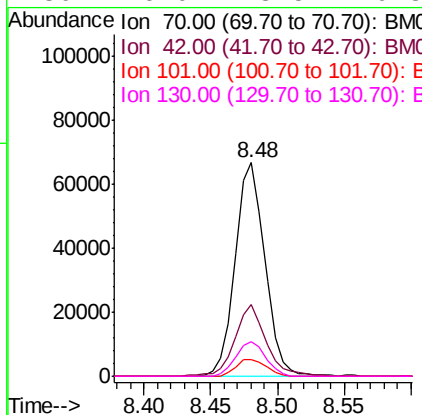
#19
n-Nitroso-di-n-propylamine
Concen: 28.543 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.7	31.0	46.4
101	8.0	6.2	9.2
130	16.0	13.5	20.3

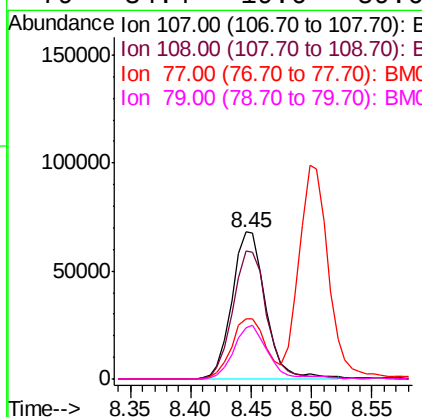
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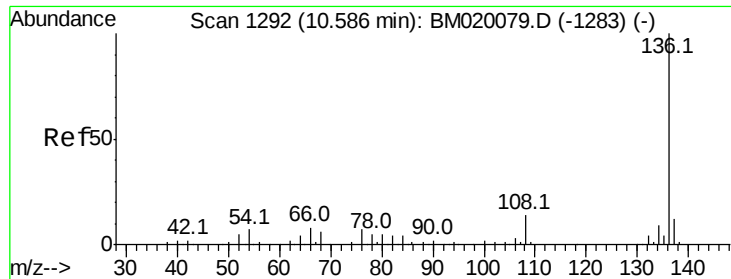
Sohil
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#20
3+4-Methylphenols
Concen: 33.998 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	64.4	104.4
77	40.7	27.2	67.2
79	34.4	19.6	59.6





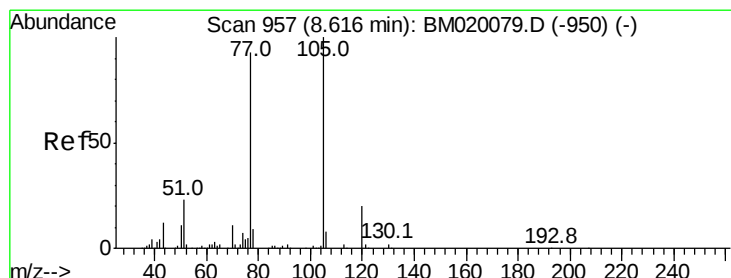
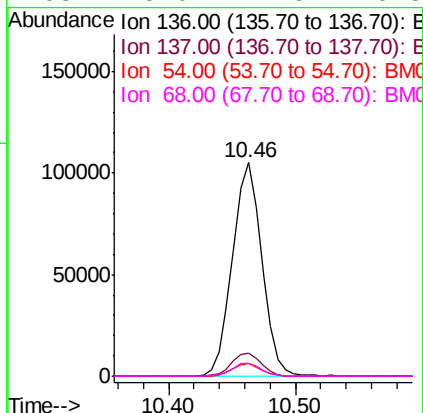
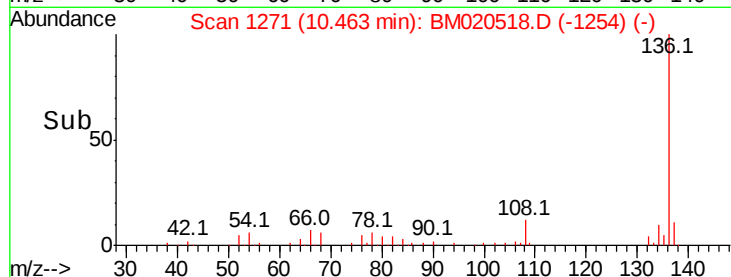
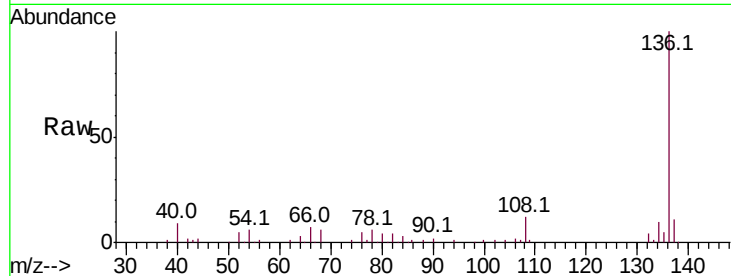
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	168866		
137	10.9	9.6	14.4	
54	5.8	5.5	8.3	
68	6.0	4.6	6.8	

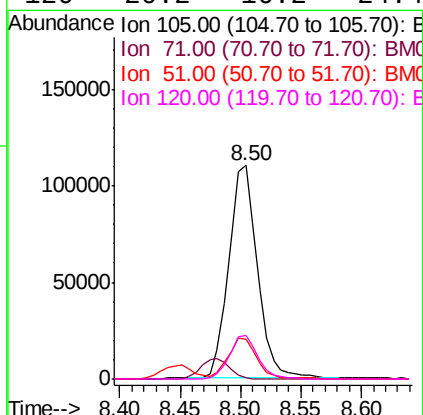
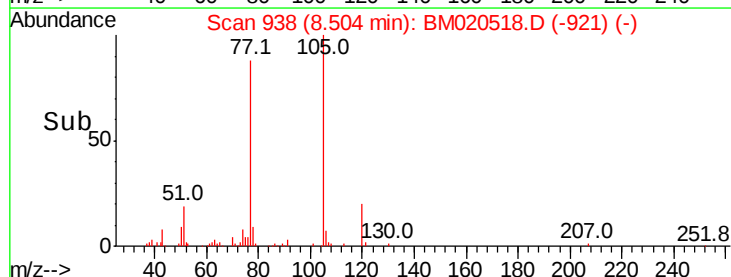
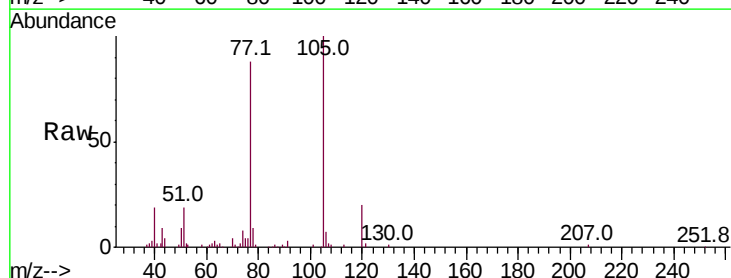
Manual Integrations
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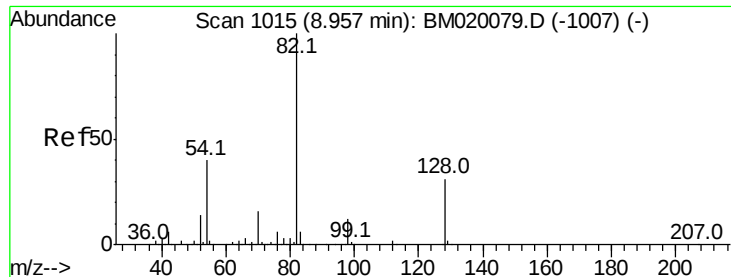
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#22
Acetophenone
Concen: 39.717 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183298		
71	0.6	2.2	3.2#	
51	18.7	19.3	28.9#	
120	20.2	16.2	24.4	





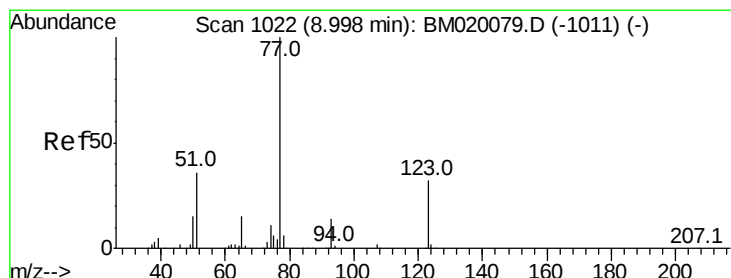
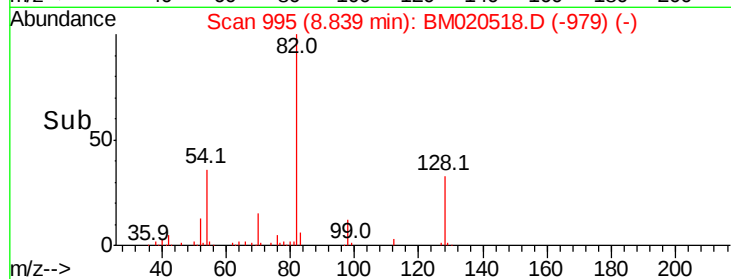
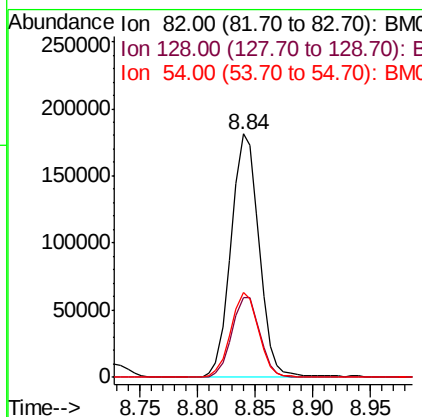
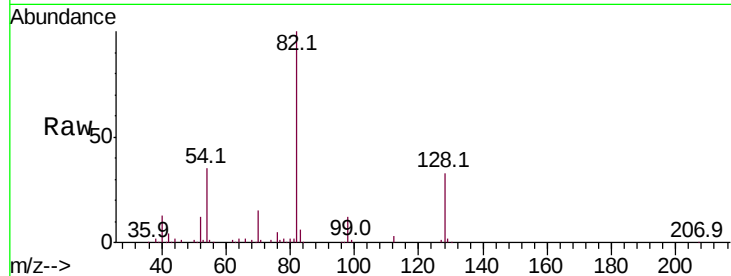
#23
 Nitrobenzene-d5
 Concen: 71.766 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.6	25.2	37.8	
54	34.8	31.9	47.9	

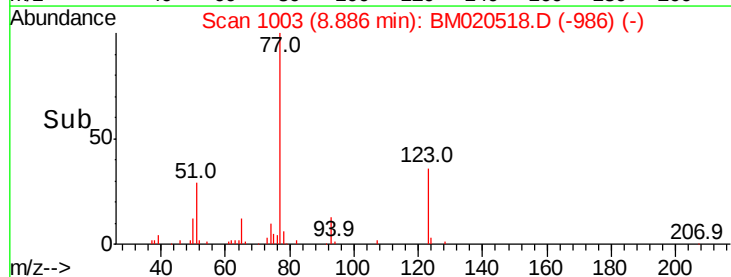
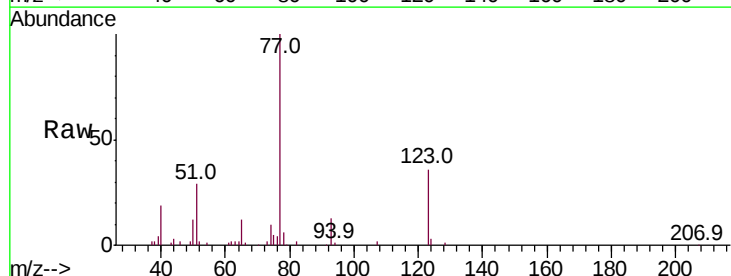
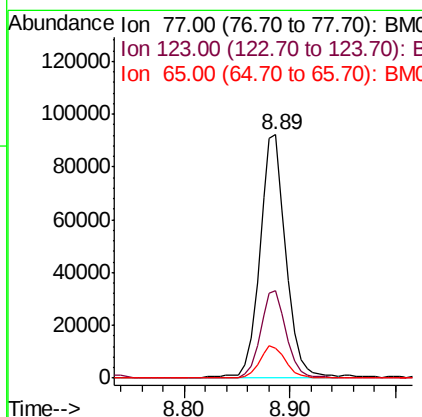
Manual Integrations
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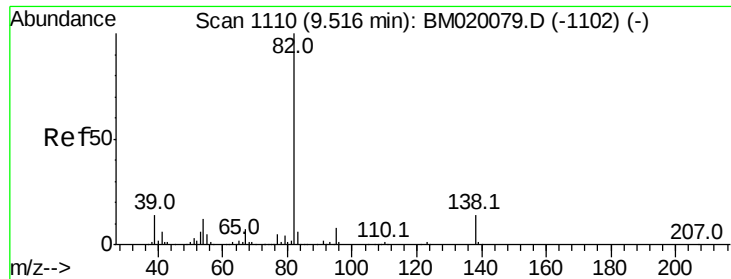
Sohil
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#24
 Nitrobenzene
 Concen: 35.743 ng
 RT: 8.89 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.0	25.5	38.3	
65	12.1	11.8	17.6	





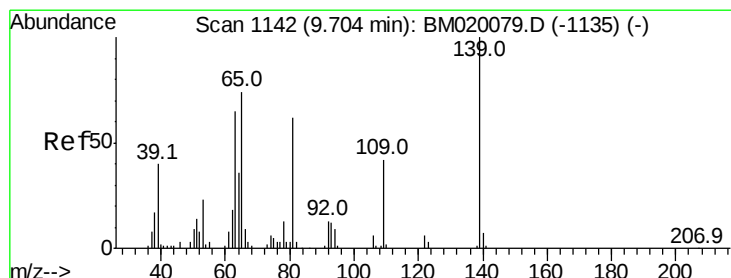
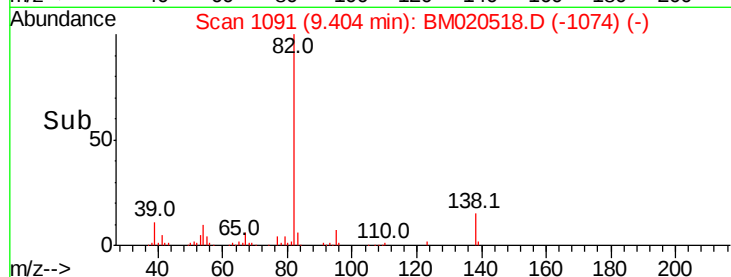
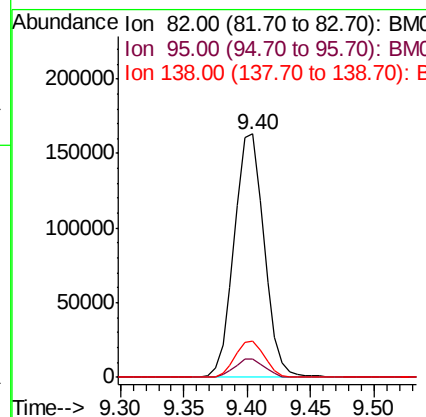
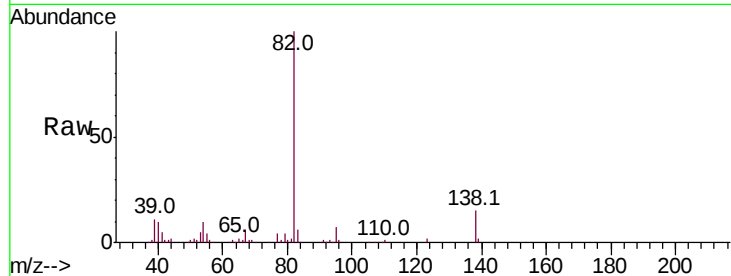
#25
Isophorone
Concen: 36.276 ng
RT: 9.40 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	267575		
95	7.5		6.4	9.6
138	14.8		11.1	16.7

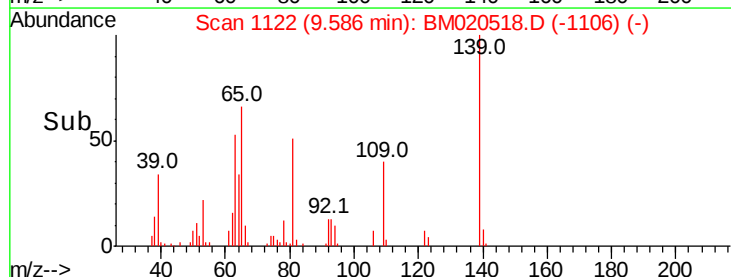
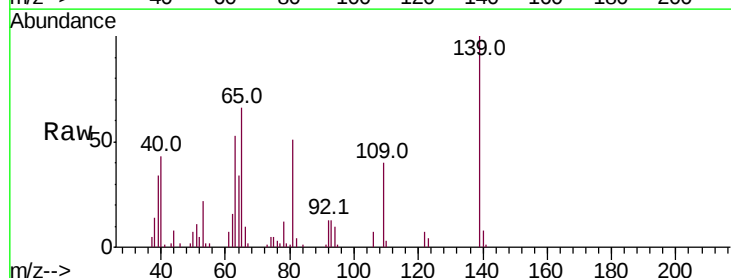
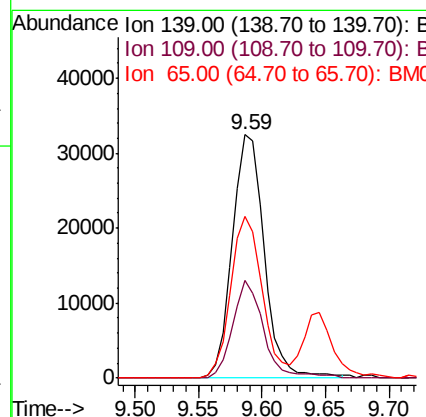
Manual Integrations
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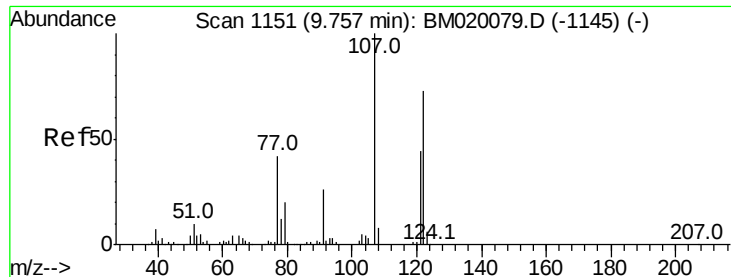
Sohil
5/24/2019 5:01:36 PM



#26
2-Nitrophenol
Concen: 42.322 ng
RT: 9.59 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	56664		
109	40.0		33.7	50.5
65	66.2		59.5	89.3





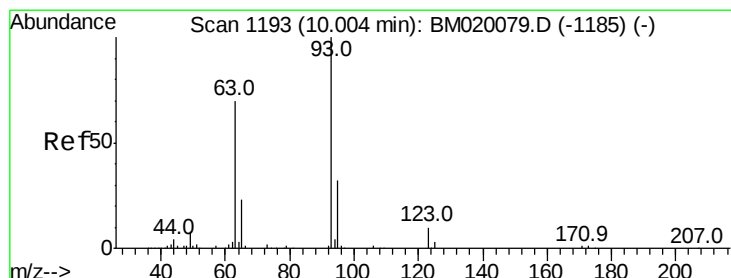
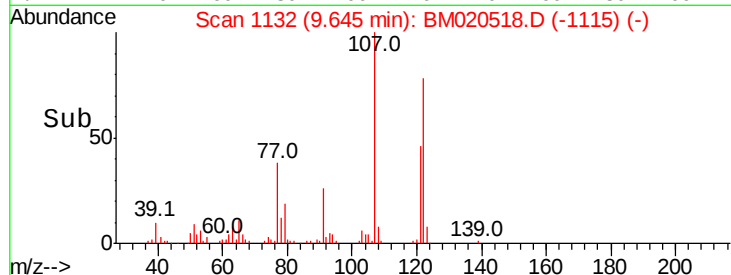
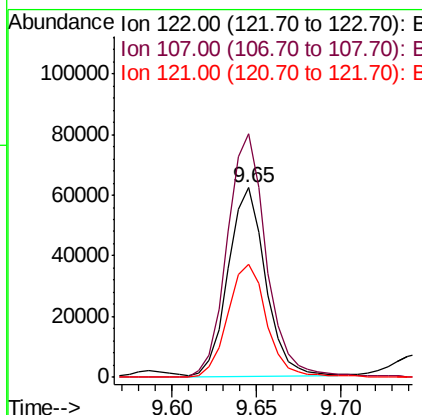
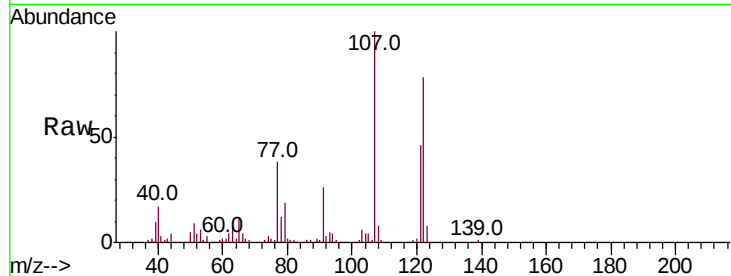
#27
 2,4-Dimethylphenol
 Concen: 42.859 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	108.6	162.8
121	59.5	47.4	71.2

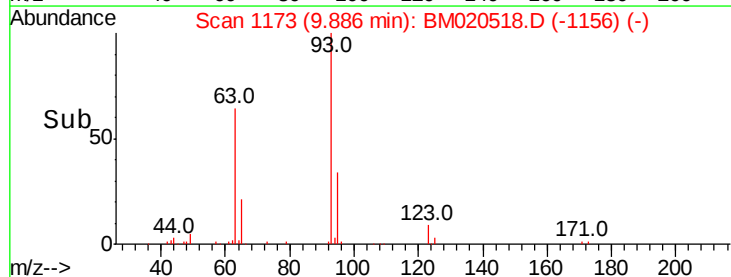
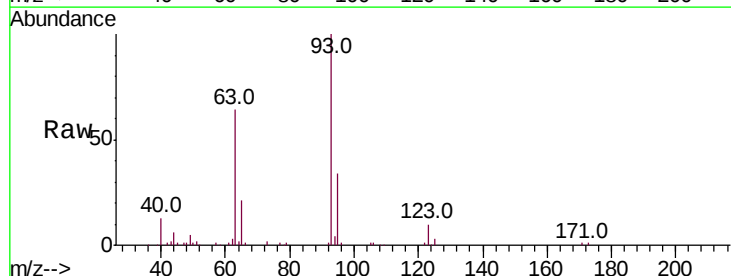
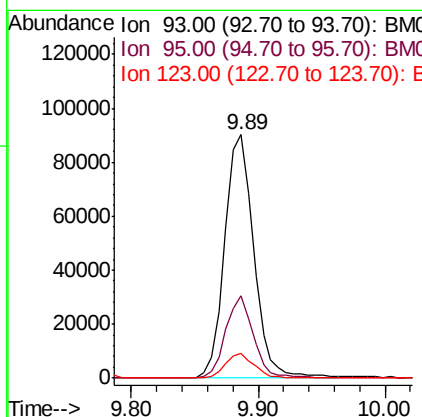
Manual Integrations
 APPROVED

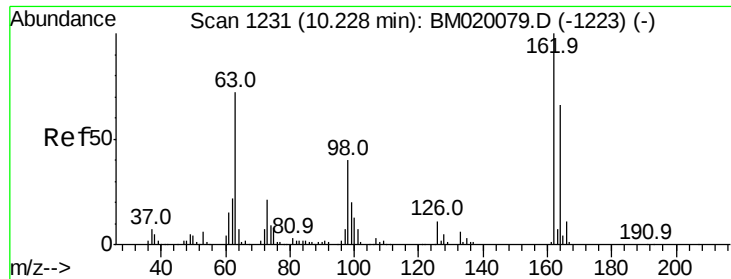
Sohil
 5/24/2019 5:01:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.849 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.5	38.3
123	10.2	7.6	11.4





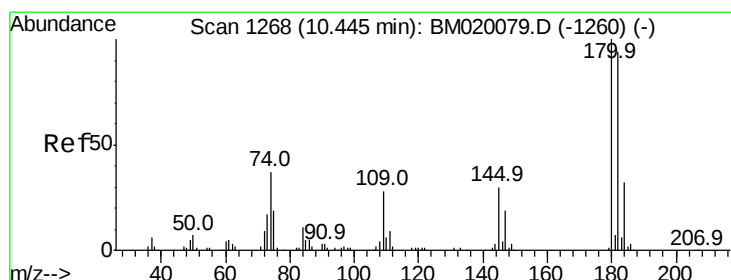
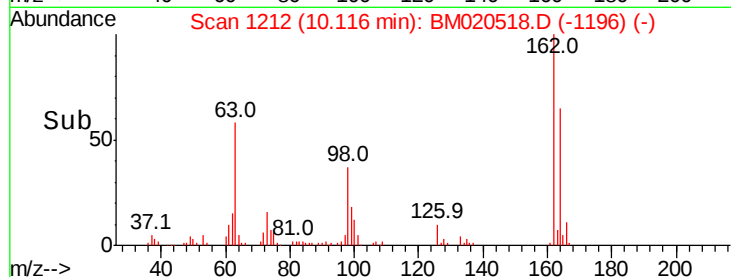
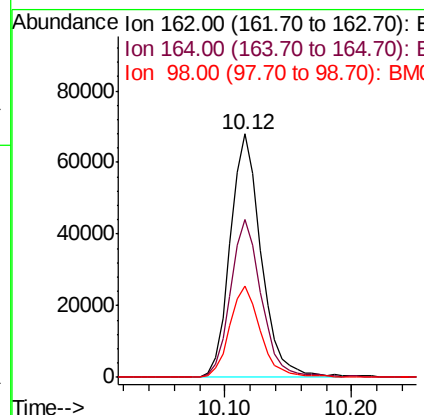
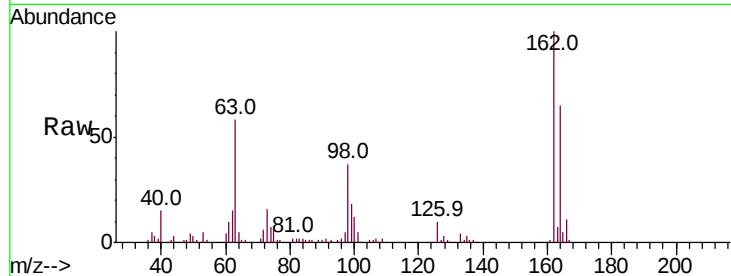
#29
2,4-Dichlorophenol
Concen: 40.732 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	114485		
164	65.0	45.6	85.6	
98	37.4	20.4	60.4	

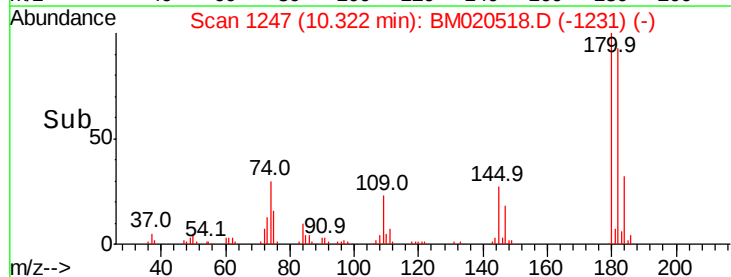
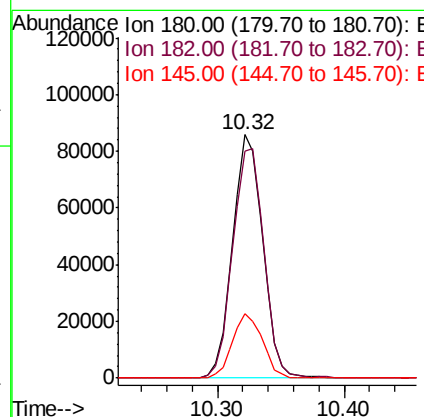
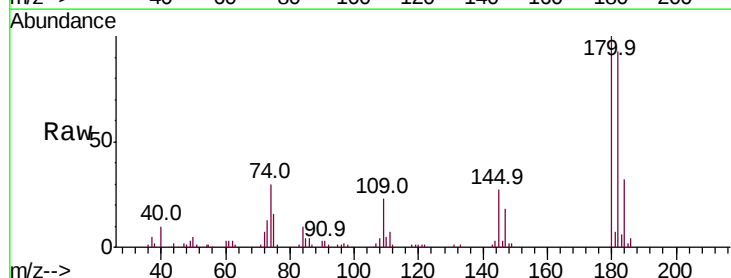
Manual Integrations
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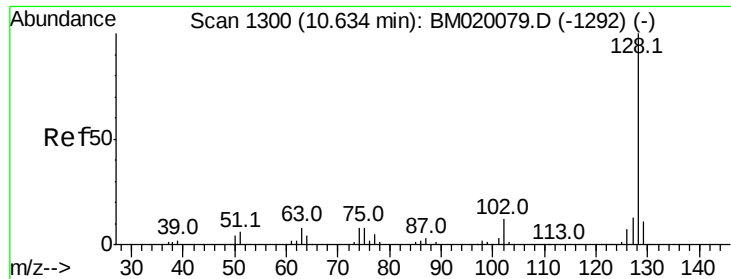
Sohil
5/24/2019 5:01:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.872 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141353		
182	93.4	75.4	113.0	
145	26.6	23.8	35.8	





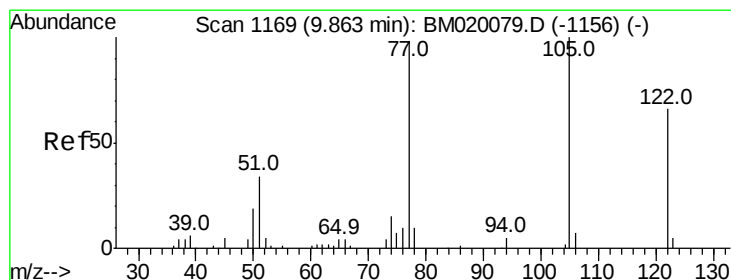
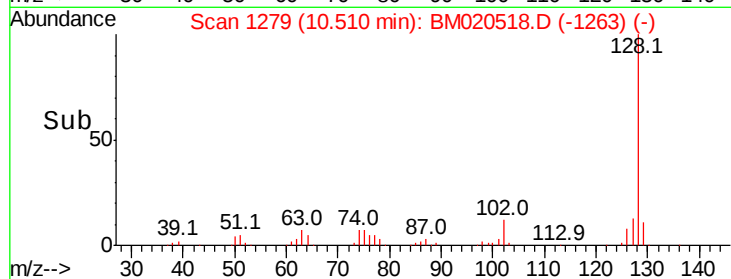
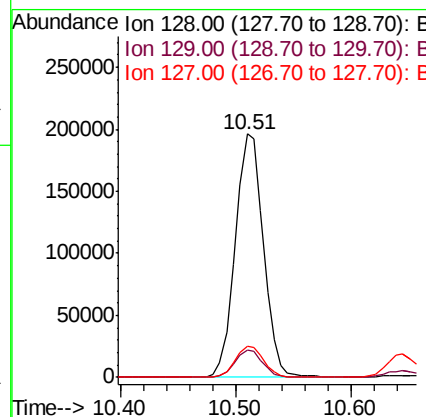
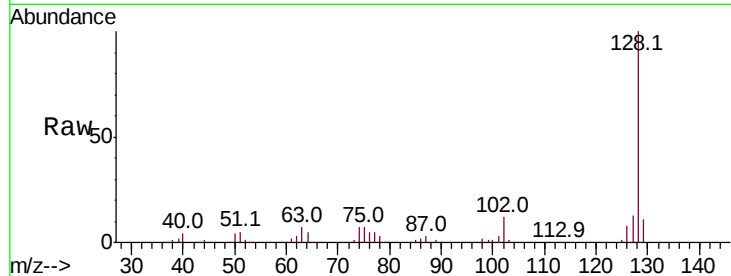
#31
Naphthalene
Concen: 37.894 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	12.8	10.4	15.6

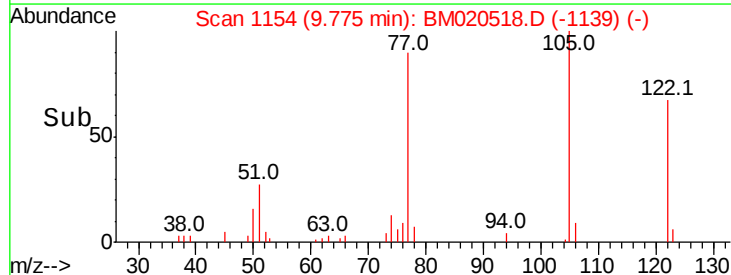
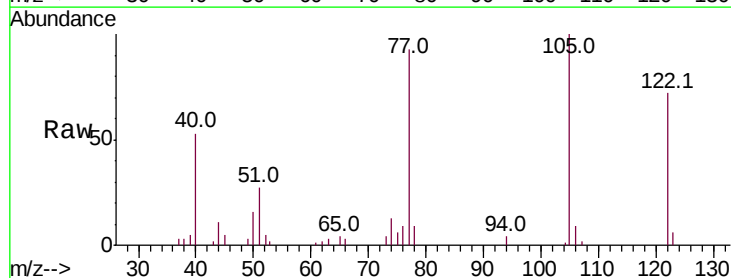
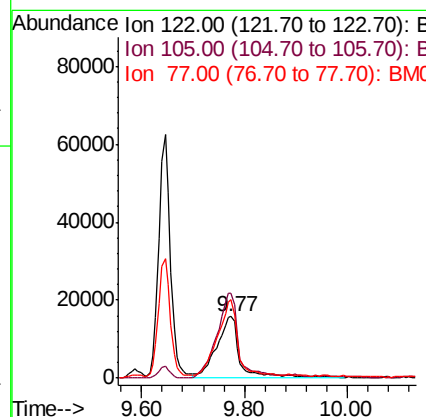
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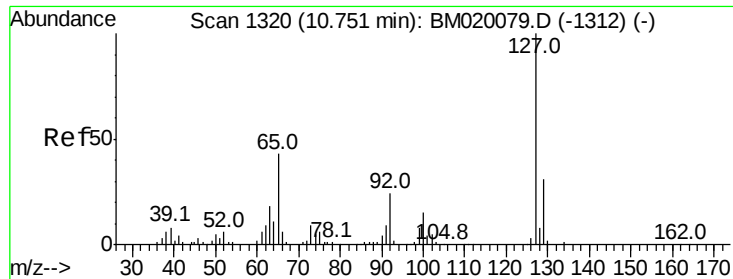
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#32
Benzoic acid
Concen: 34.749 ng m
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.4	122.5	162.5
77	128.9	123.3	163.3





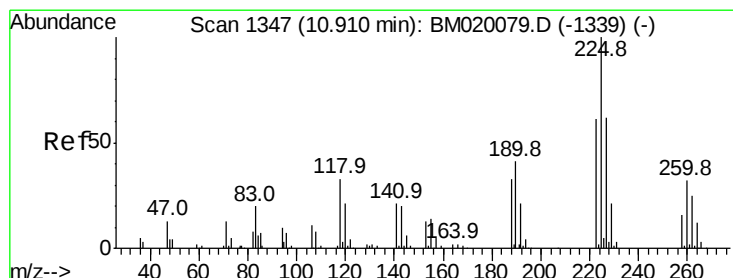
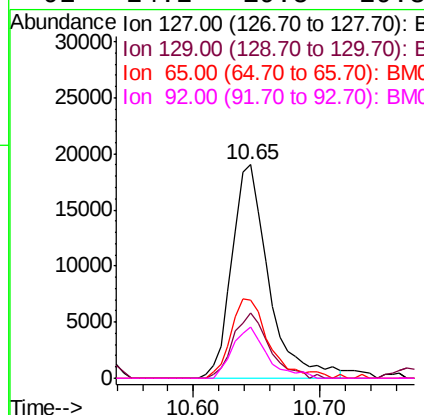
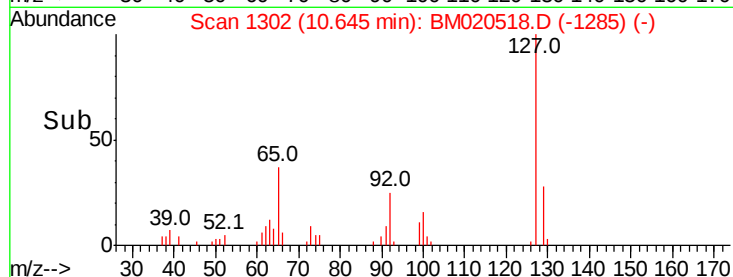
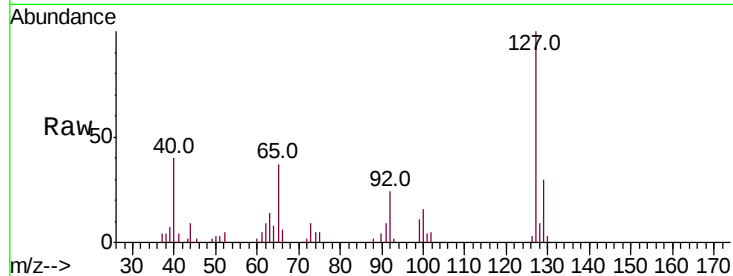
#33
4-Chloroaniline
Concen: 10.596 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	24.7	37.1
65	36.6	34.6	52.0
92	24.2	19.5	29.3

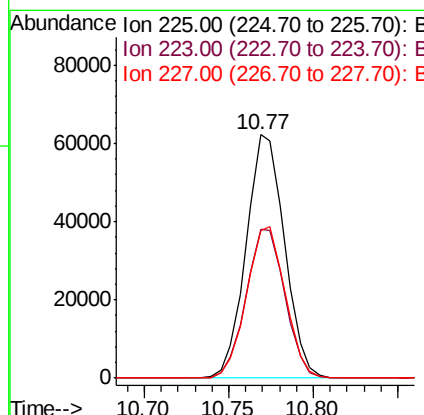
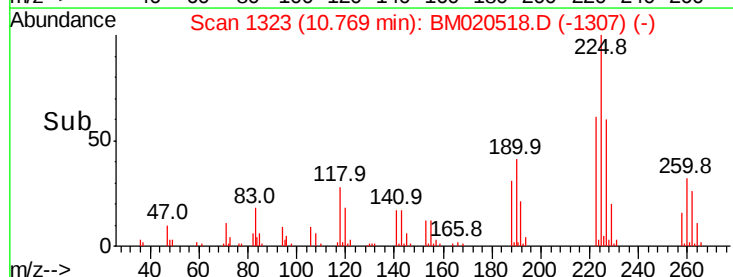
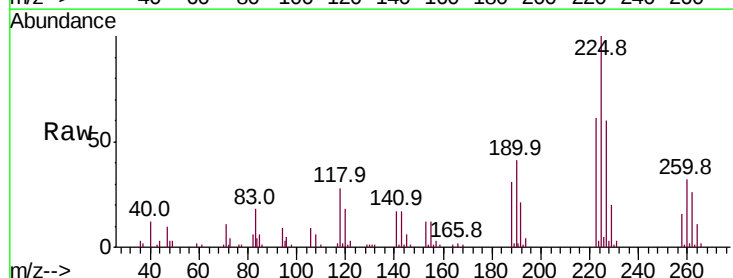
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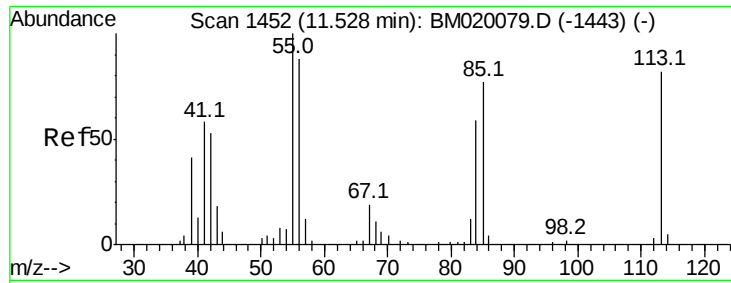
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#34
Hexachlorobutadiene
Concen: 40.226 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.9	73.3
227	60.4	49.6	74.4





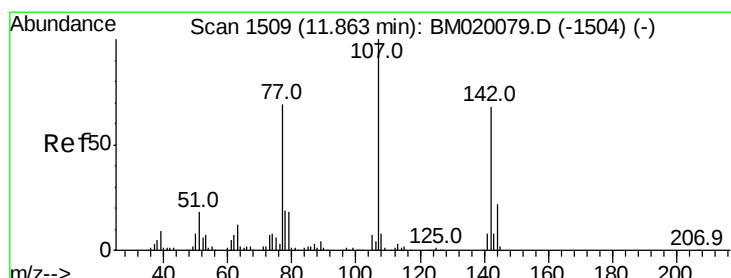
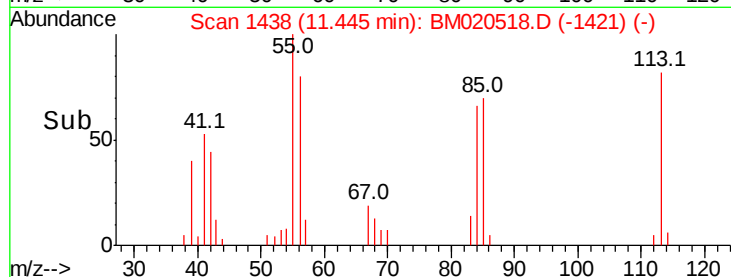
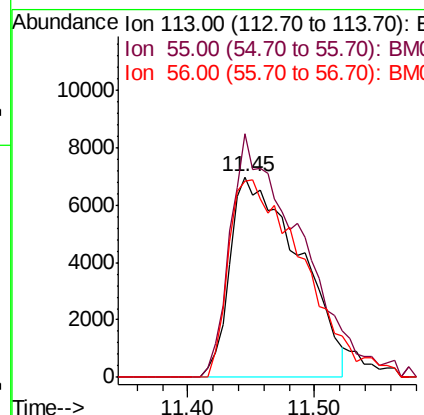
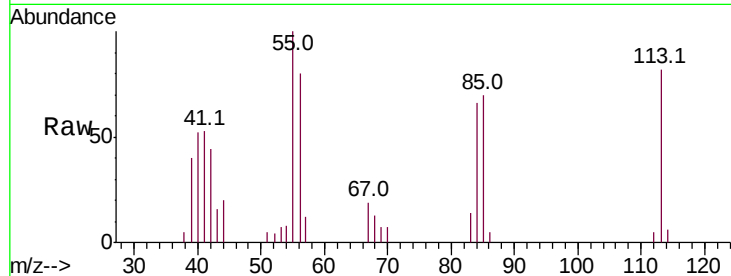
#35
 Caprolactam
 Concen: 31.430 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	121.4	102.5	142.5		
56	97.7	87.7	127.7		

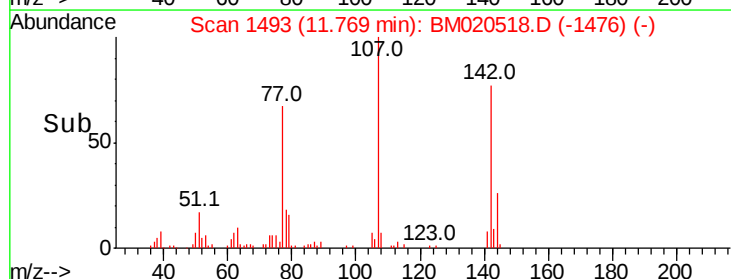
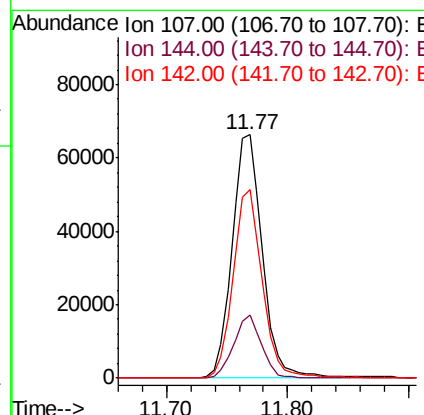
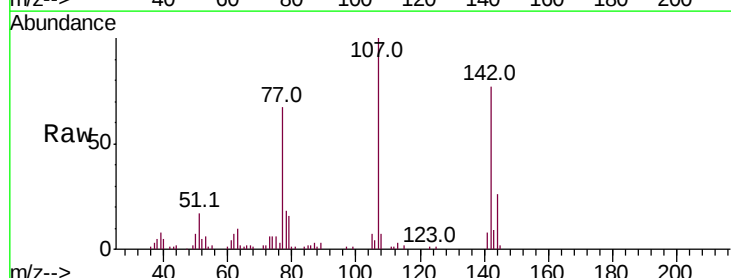
Manual Integrations
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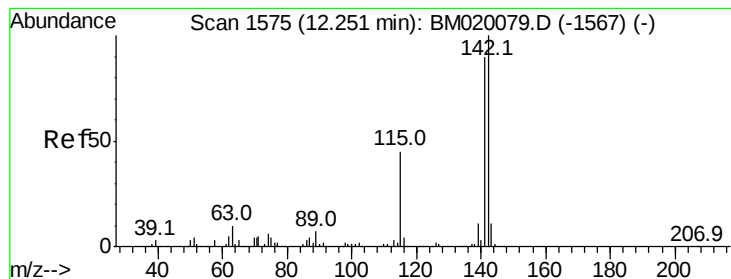
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 34.991 ng
 RT: 11.77 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8	17.6	26.4		
142	77.5	54.6	82.0		





#37

2-Methylnaphthalene

Concen: 37.411 ng

RT: 12.13 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

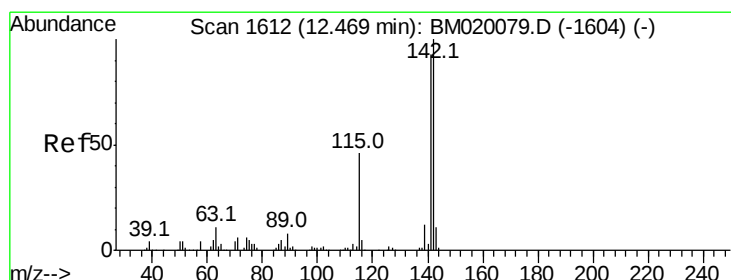
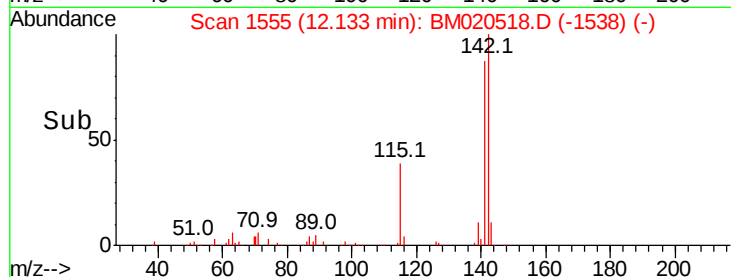
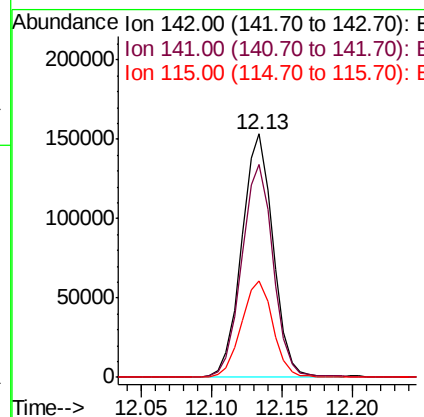
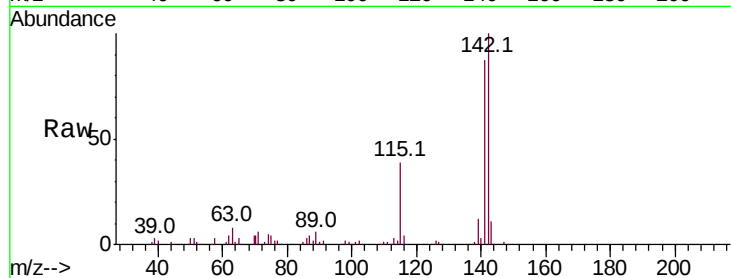
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	142	Resp:	239004
Ion Ratio	Lower	Upper	
142	100		
141	87.4	71.6	107.4
115	39.4	35.8	53.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 36.406 ng

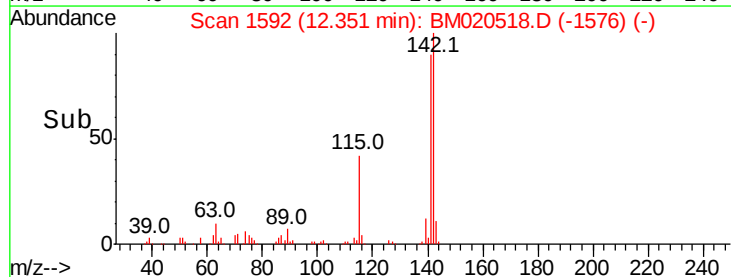
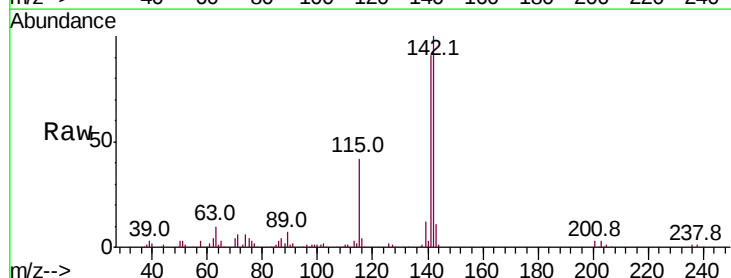
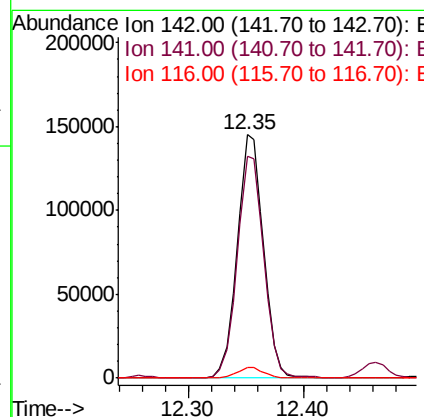
RT: 12.35 min Scan# 1592

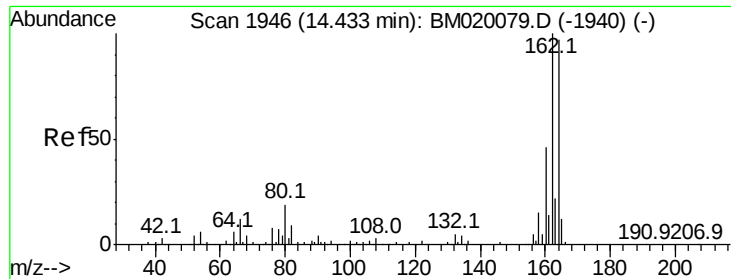
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	142	Resp:	227436
Ion Ratio	Lower	Upper	
142	100		
141	90.9	74.8	112.2
116	4.3	3.9	5.9





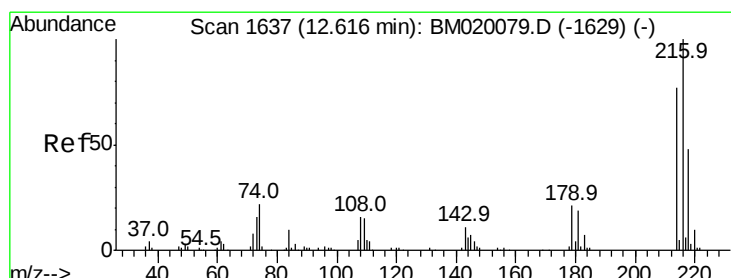
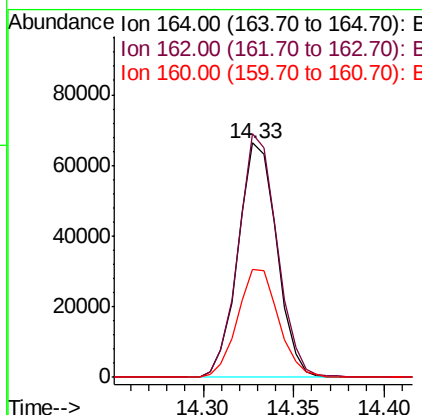
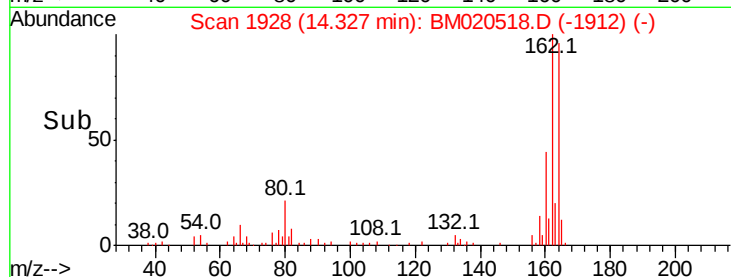
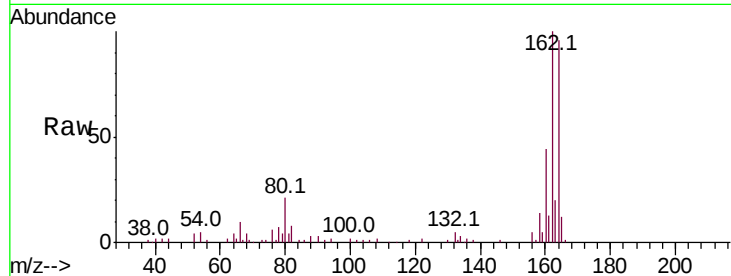
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.2
160	46.1	37.6	56.4

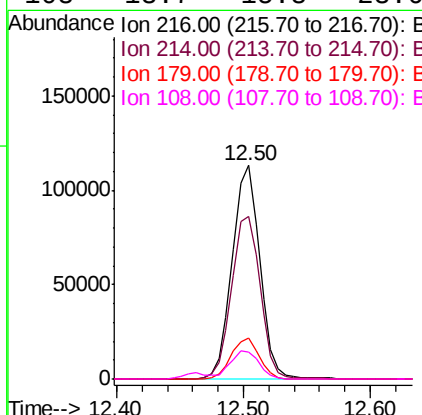
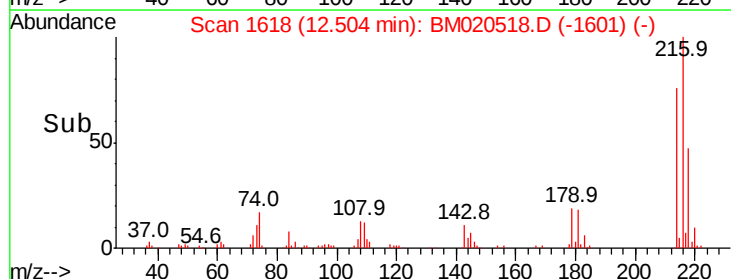
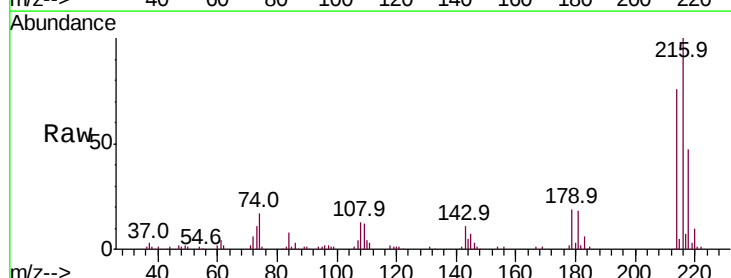
Manual Integrations
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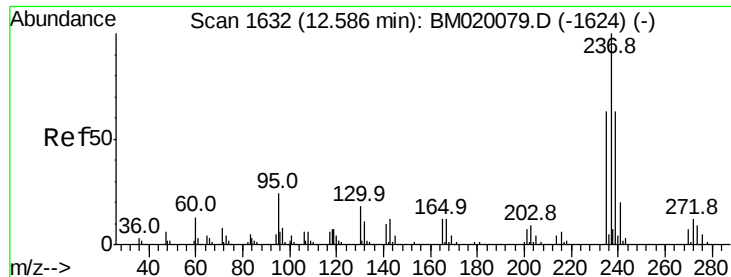
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.271 ng
RT: 12.50 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	94.0
179	19.2	17.1	25.7
108	13.7	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 64.147 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

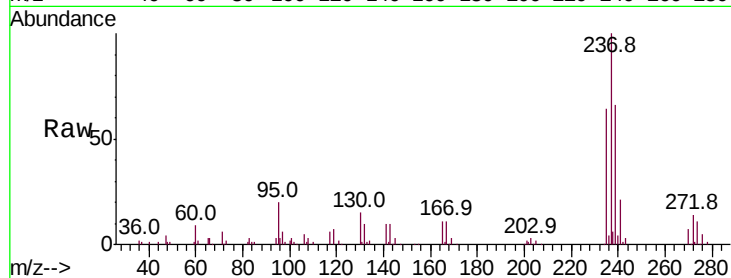
ClientSampleId :

FESB-16(2.4-2.9)MSD

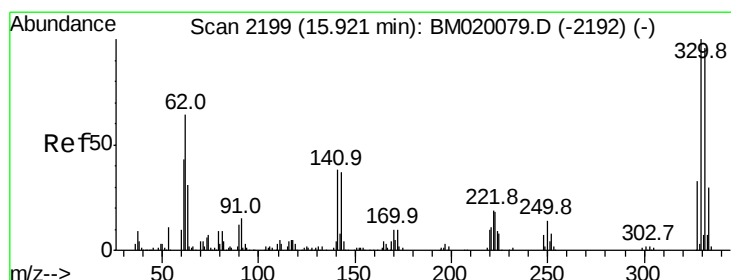
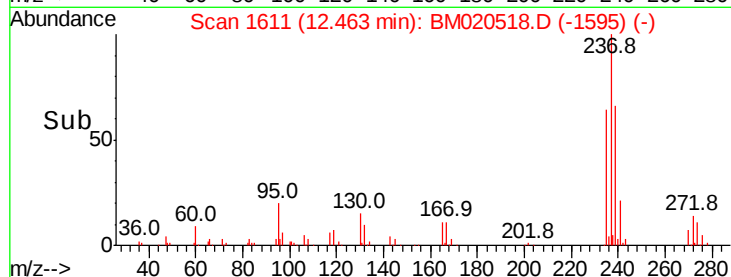
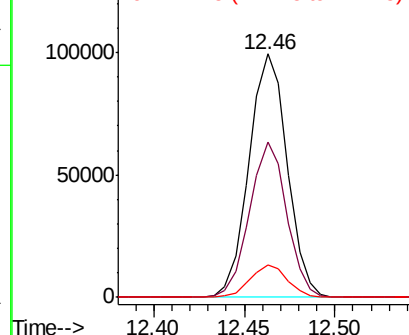
Tot Ion:	237	Resp:	145556
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	13.5	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 131.217 ng

RT: 15.83 min Scan# 2184

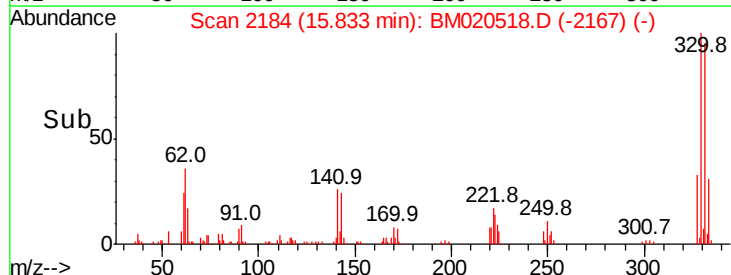
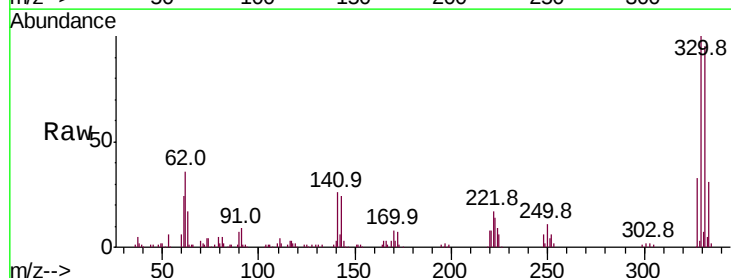
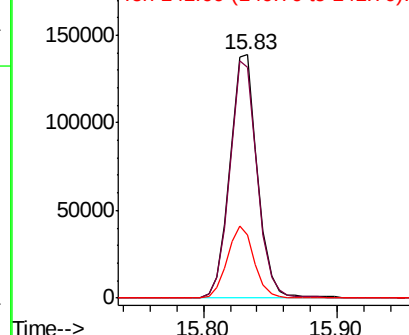
Delta R.T. 0.00 min

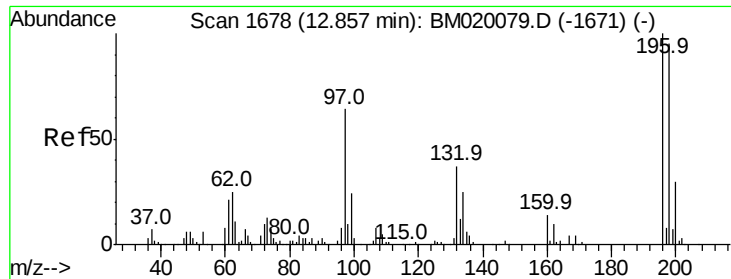
Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	330	Resp:	200620
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	28.7	29.2	43.8#

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





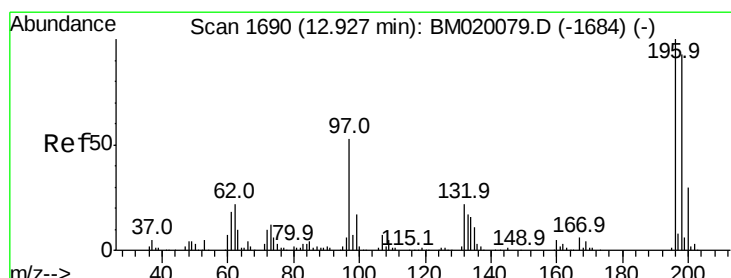
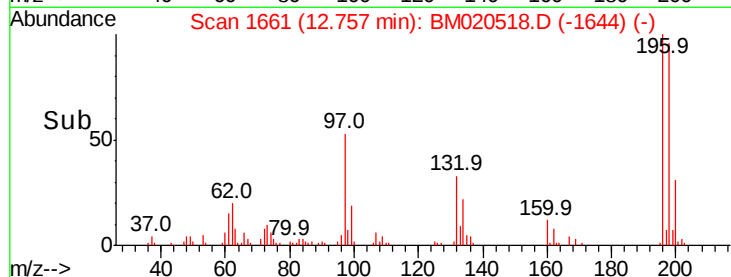
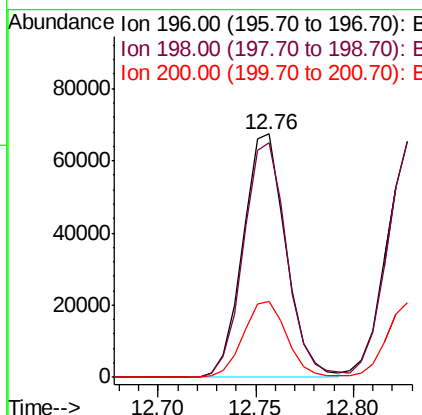
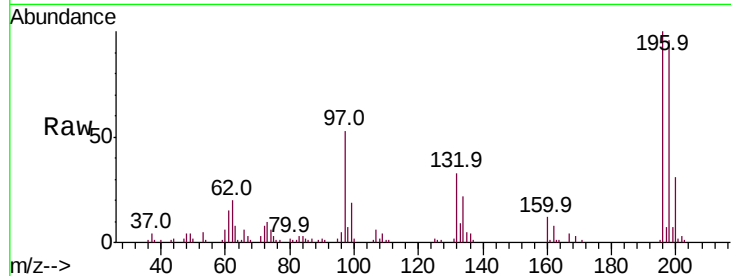
#43
 2,4,6-Trichlorophenol
 Concen: 46.986 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102908		
198	96.2	76.2	114.2	
200	31.4	24.3	36.5	

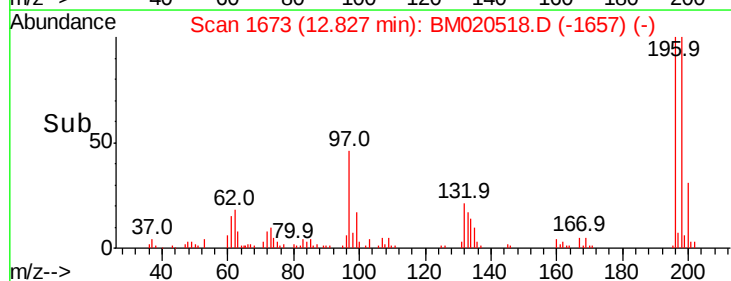
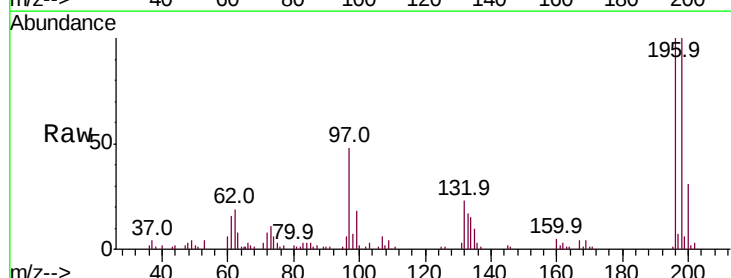
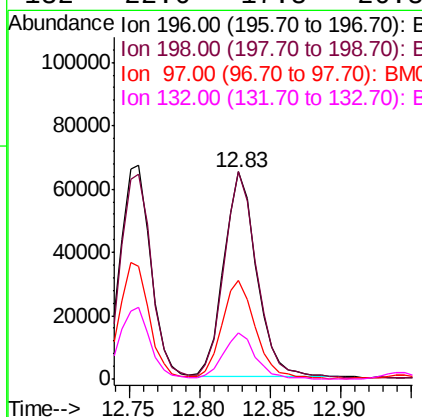
Manual Integrations
 APPROVED

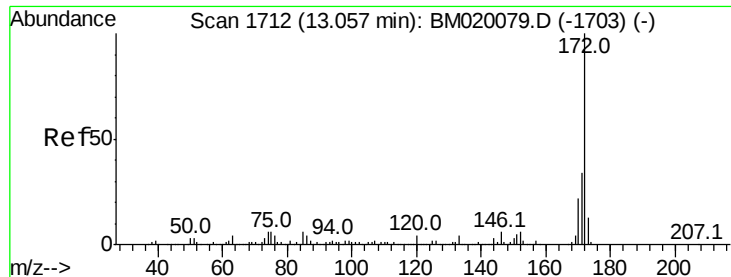
Sohil
 5/24/2019 5:01:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.893 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104949		
198	100.0	74.7	112.1	
97	47.6	42.2	63.4	
132	22.6	17.8	26.8	





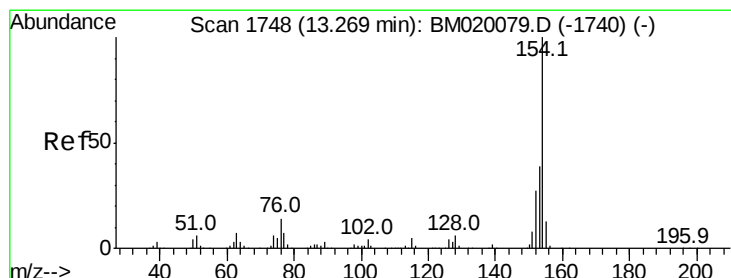
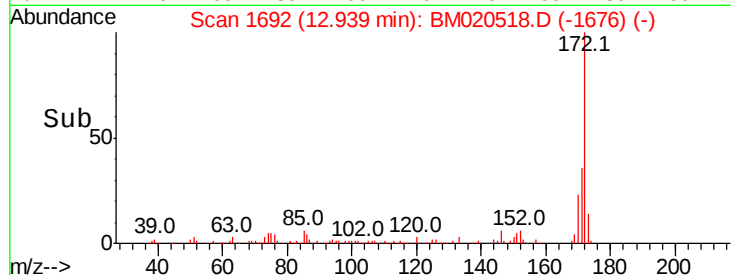
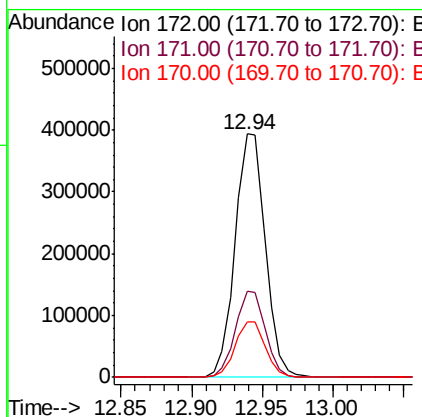
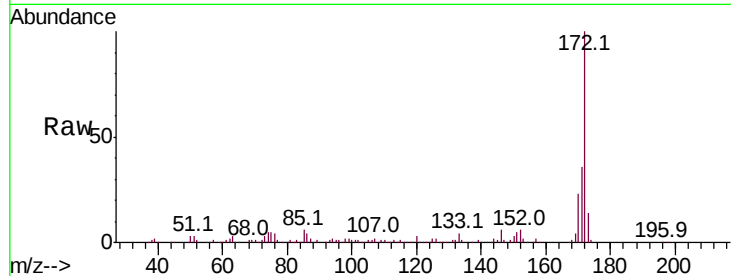
#45
2-Fluorobiphenyl
Concen: 73.585 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.0	17.9	26.9

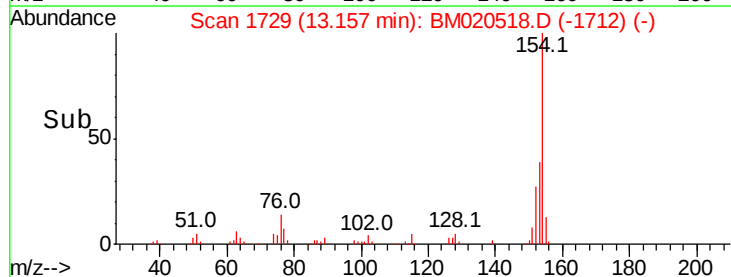
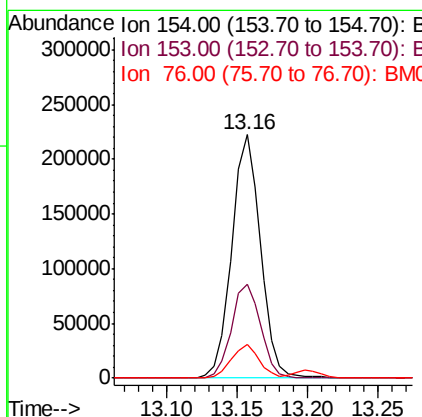
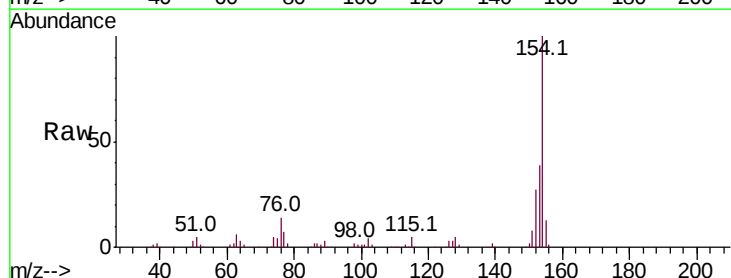
Manual Integrations
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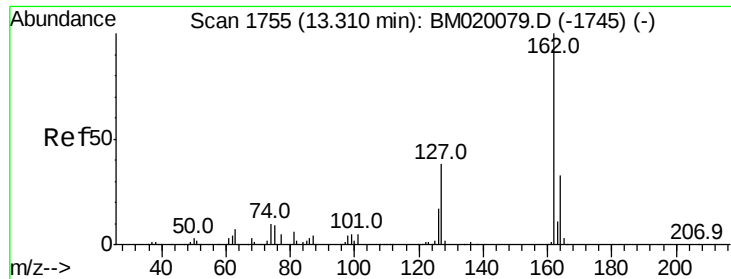
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#46
1,1'-Biphenyl
Concen: 38.828 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.4	59.4
76	13.6	0.0	34.5





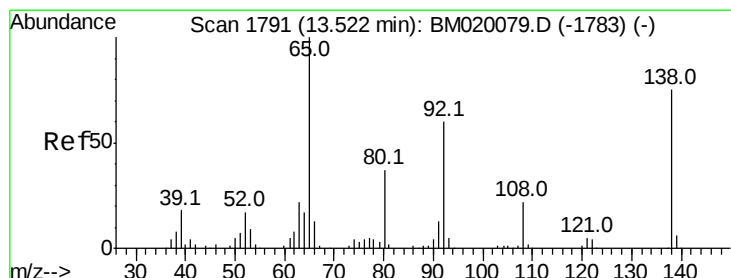
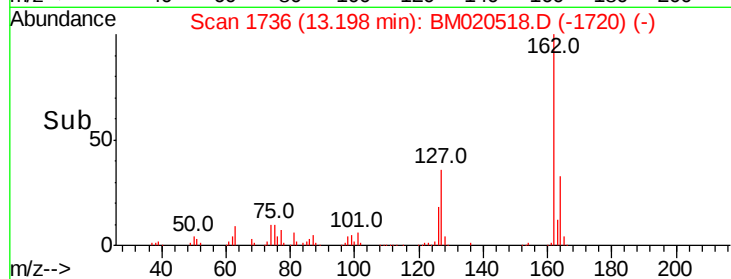
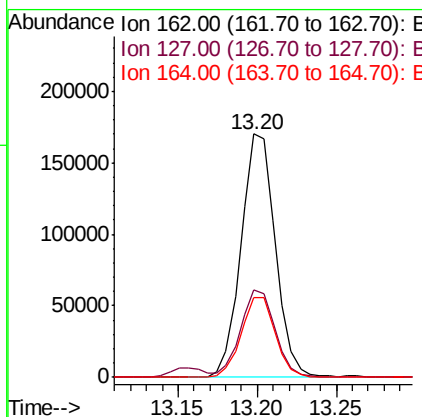
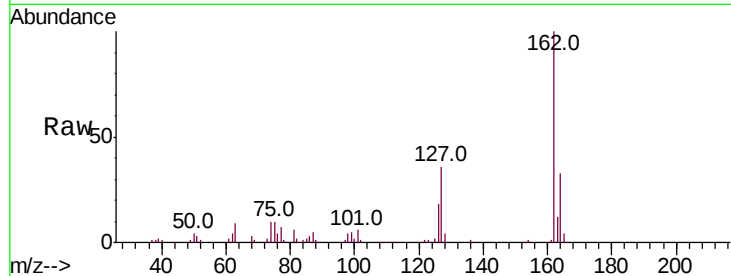
#47
2-Chloronaphthalene
Concen: 39.521 ng
RT: 13.20 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	255833		
127	35.9		31.0	46.4
164	32.6		26.2	39.2

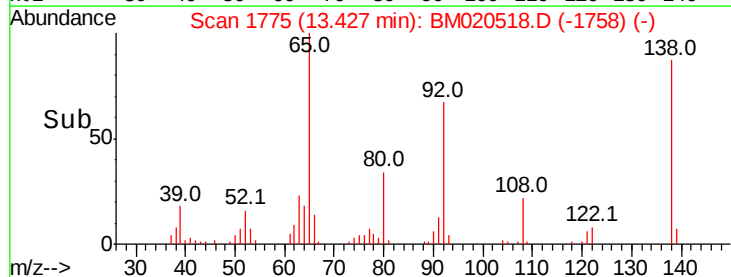
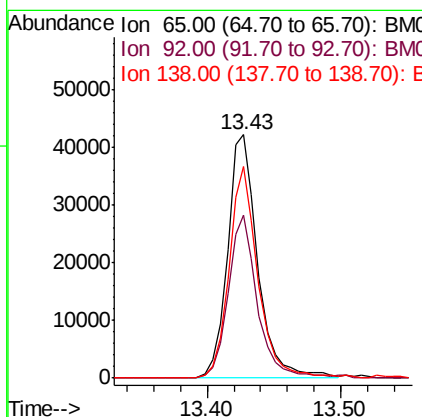
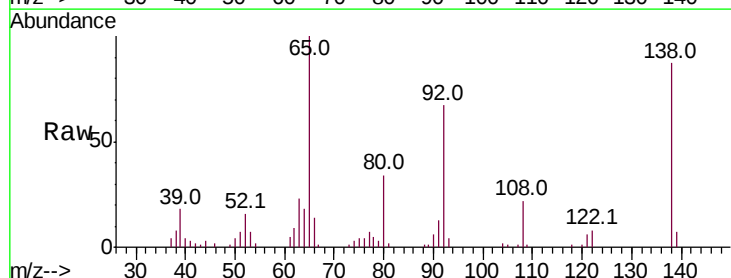
Manual Integrations
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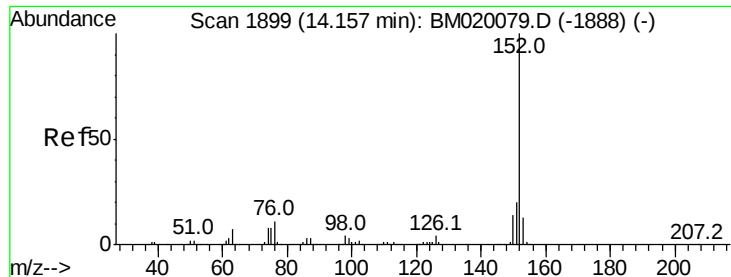
Sohil
5/24/2019 5:01:36 PM



#48
2-Nitroaniline
Concen: 28.810 ng
RT: 13.43 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	66394		
92	67.0		48.2	72.4
138	87.0		60.3	90.5





#49

Acenaphthylene

Concen: 37.074 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

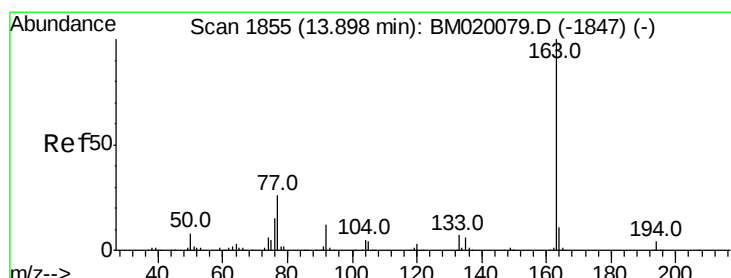
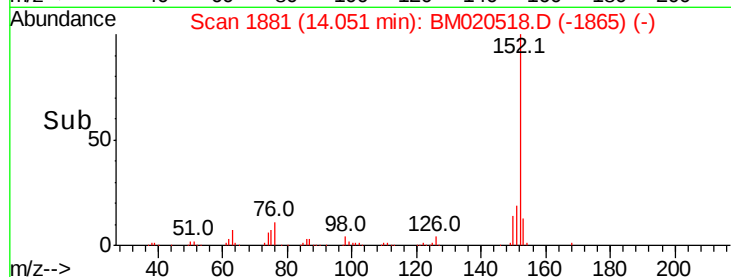
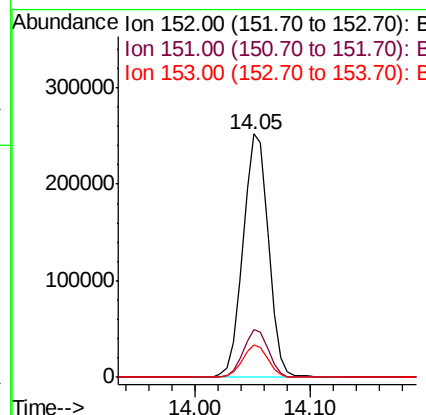
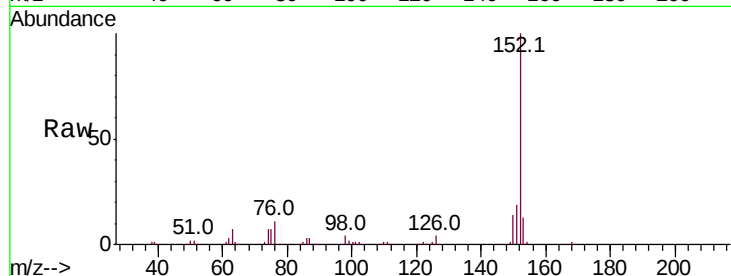
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	152	Resp:	384079
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.2	24.2
153	13.1	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.387 ng

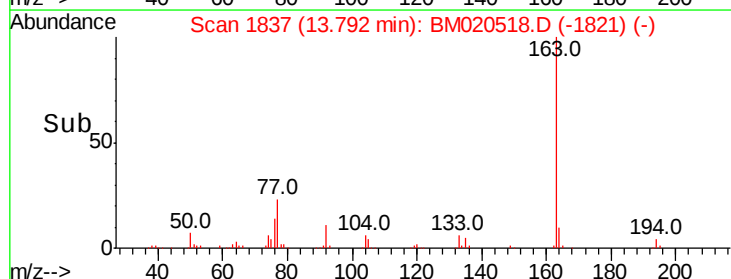
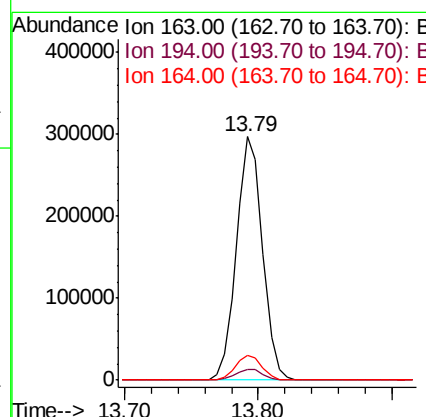
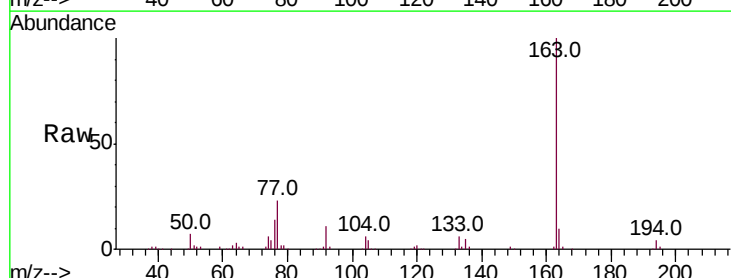
RT: 13.79 min Scan# 1837

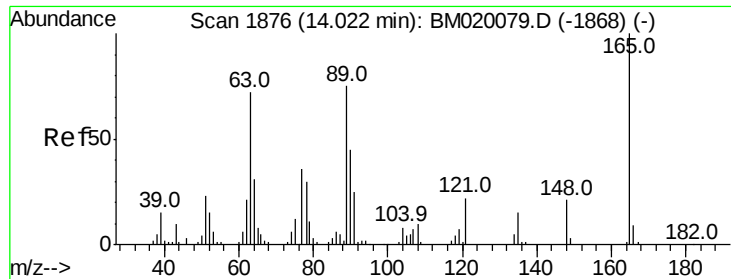
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	163	Resp:	405086
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 37.529 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

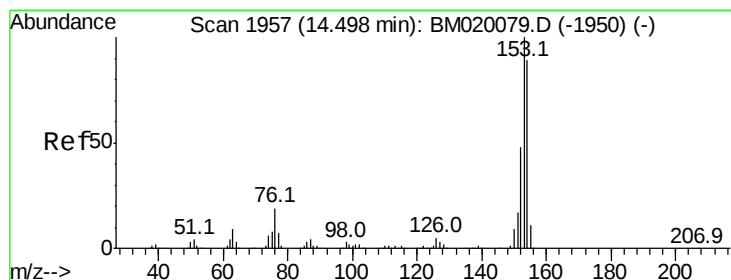
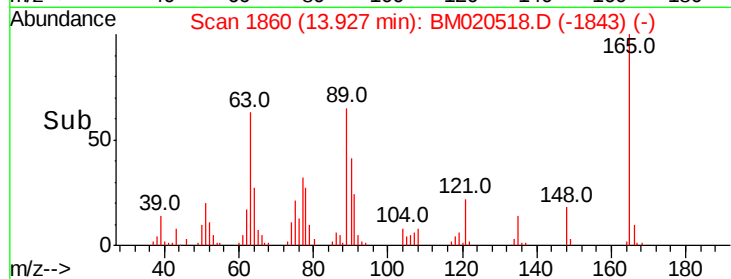
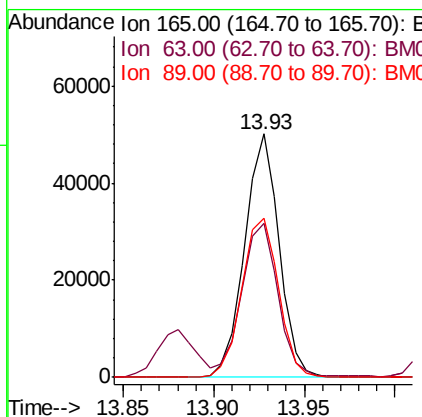
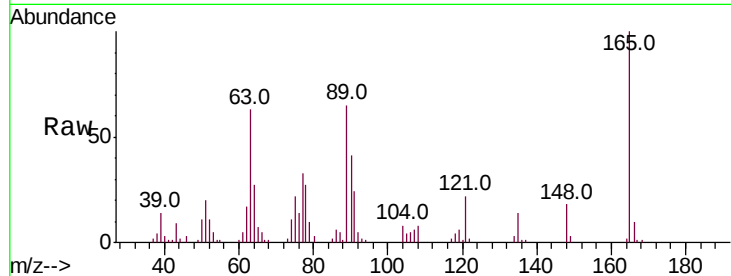
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	165	Resp:	66175
Ion Ratio	Lower	Upper	
165	100		
63	63.1	60.3	90.5
89	65.1	59.8	89.6

Manual Integrations
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#52

Acenaphthene

Concen: 37.701 ng

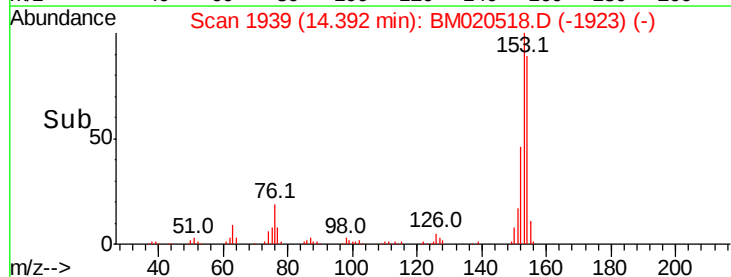
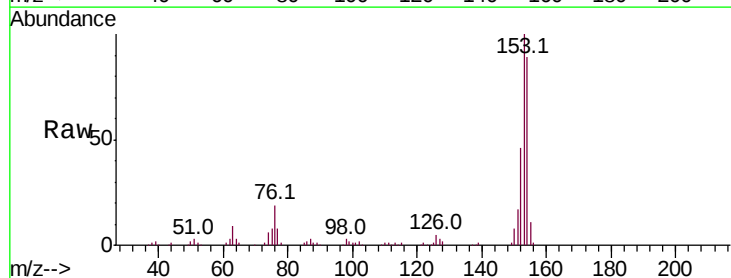
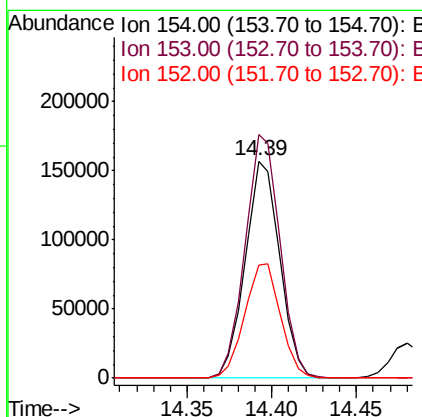
RT: 14.39 min Scan# 1939

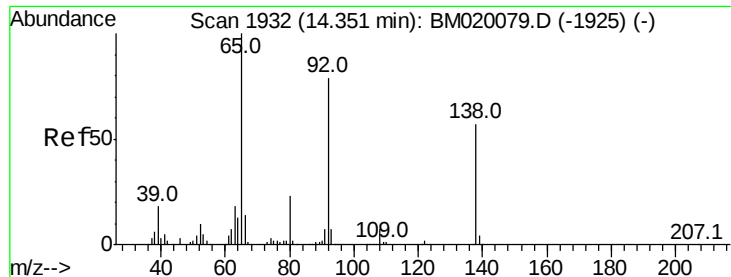
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	154	Resp:	223975
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.2	135.2
152	52.2	43.0	64.4





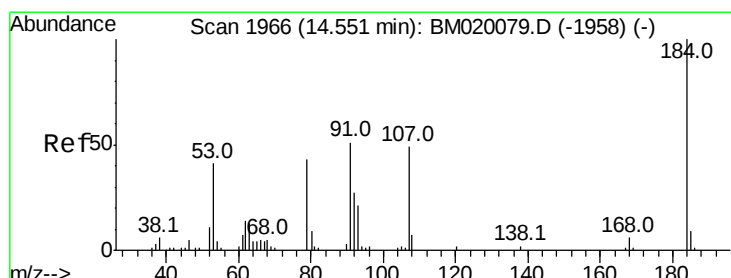
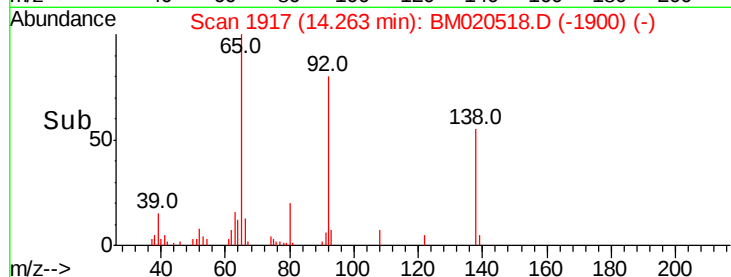
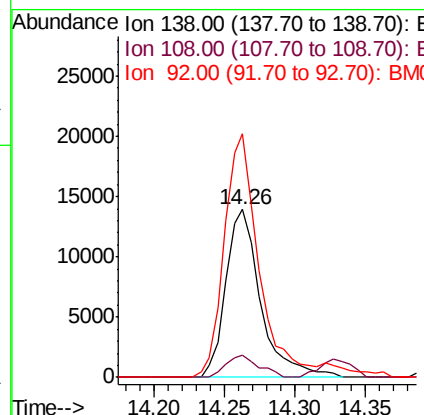
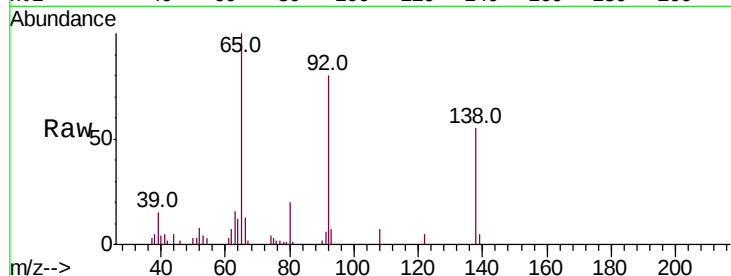
#53
3-Nitroaniline
Concen: 14.625 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.5	10.4	15.6
92	145.2	111.3	166.9

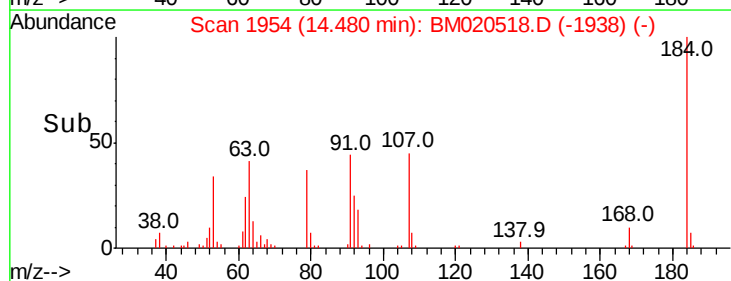
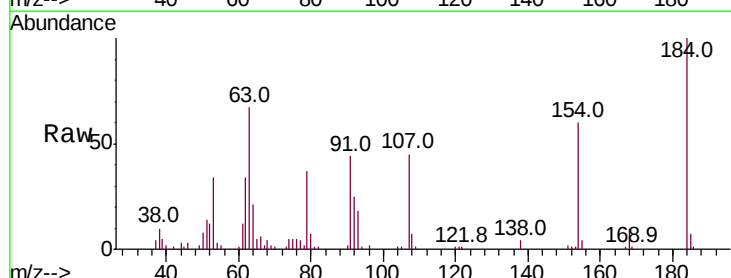
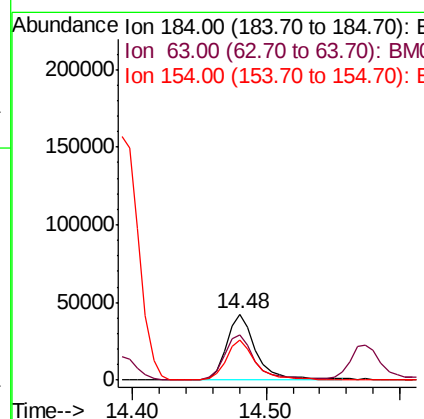
Manual Integrations
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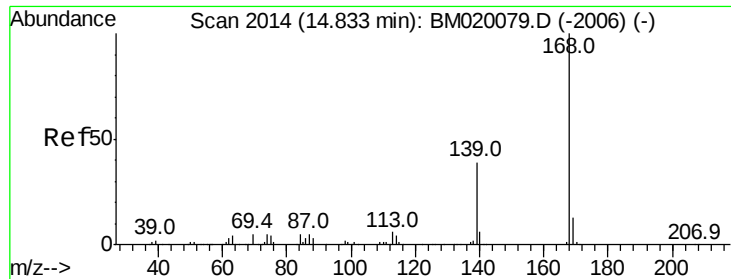
Sohil
5/24/2019 5:01:36 PM



#54
2,4-Dinitrophenol
Concen: 75.626 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	68.9	103.3#
154	60.1	54.4	81.6





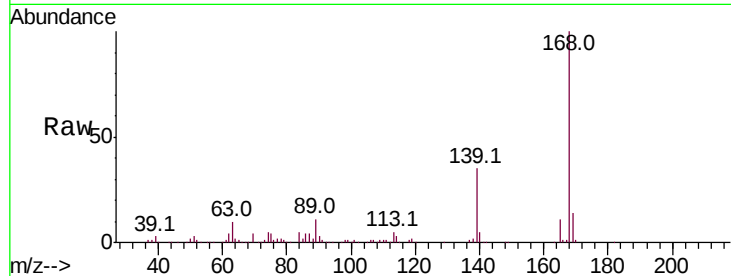
#55
Dibenzenofuran
Concen: 38.923 ng
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	31.1	46.7
169	13.5	10.6	16.0

Manual Integrations
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5/24/2019 5:01:36 PM

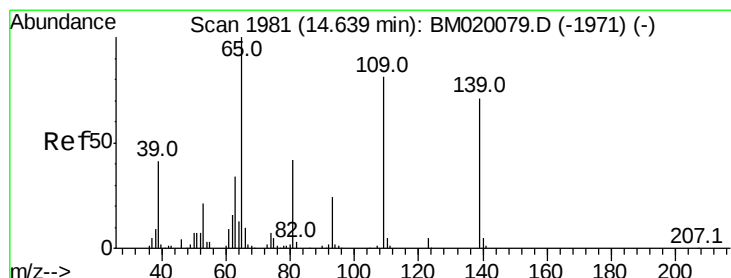
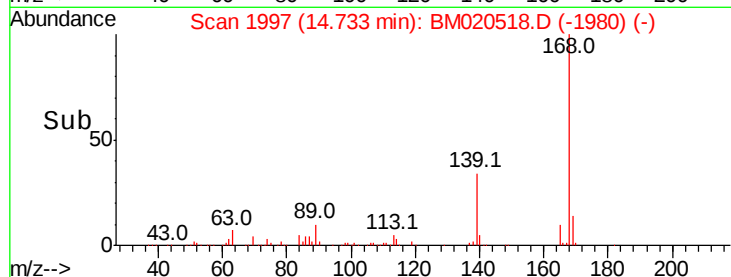
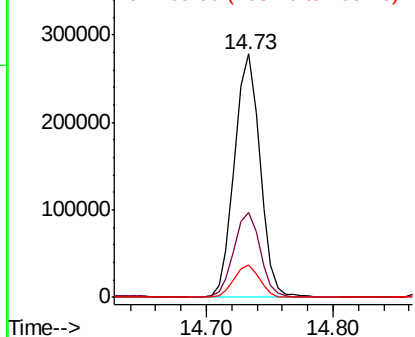


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 64.320 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

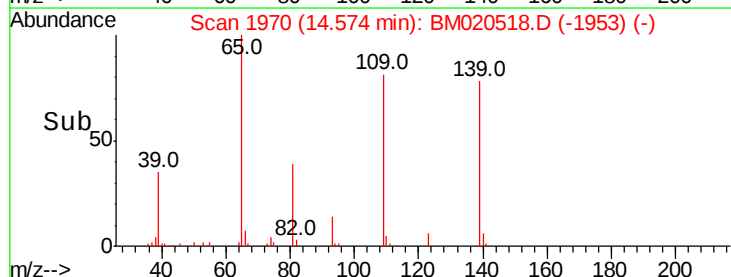
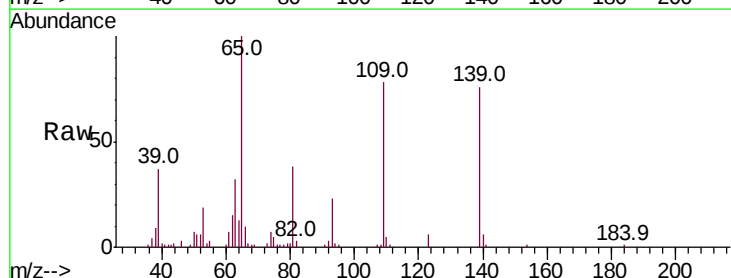
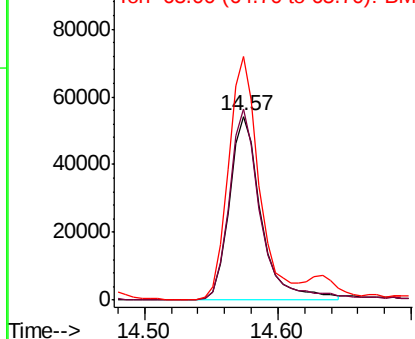
Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.8	94.1	134.1
65	132.4	120.9	160.9

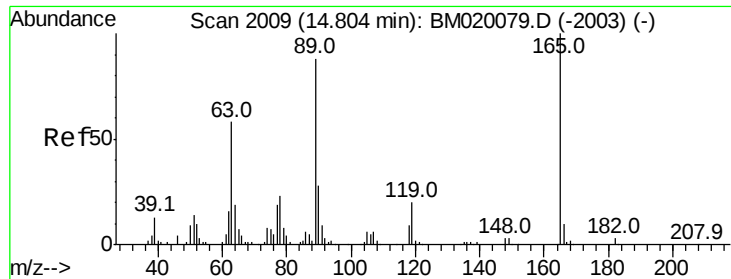
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





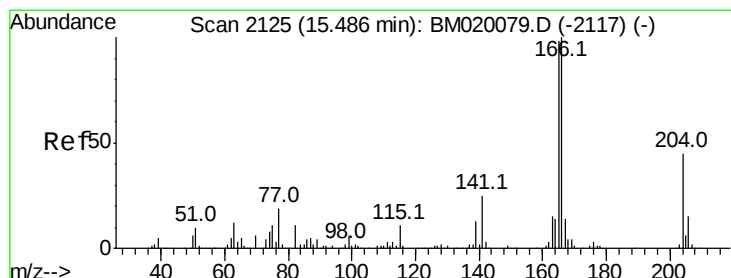
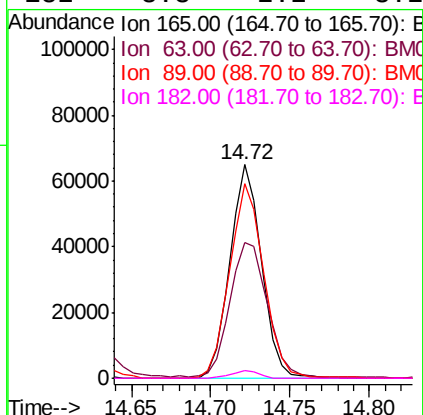
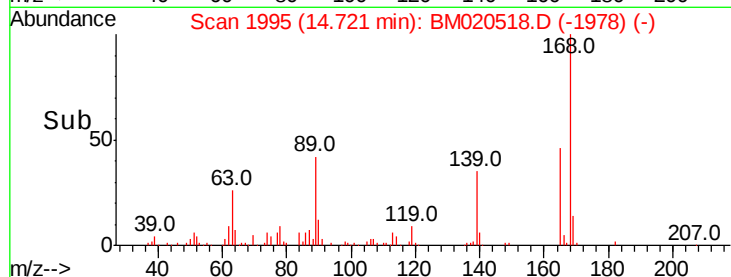
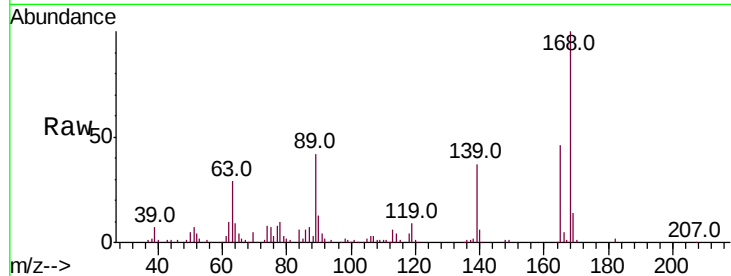
#57
2,4-Dinitrotoluene
Concen: 37.432 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.3	46.2	69.2
89	91.3	70.6	105.8
182	3.3	2.2	3.2#

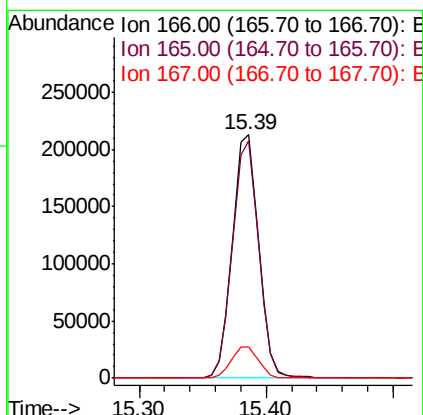
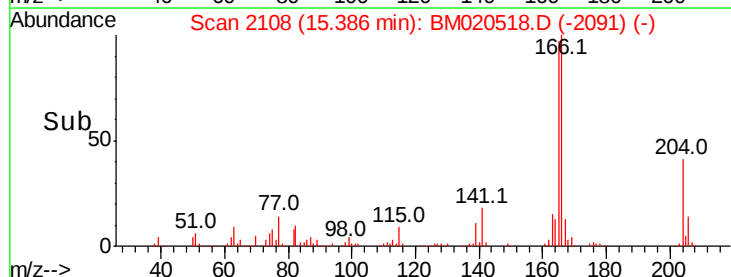
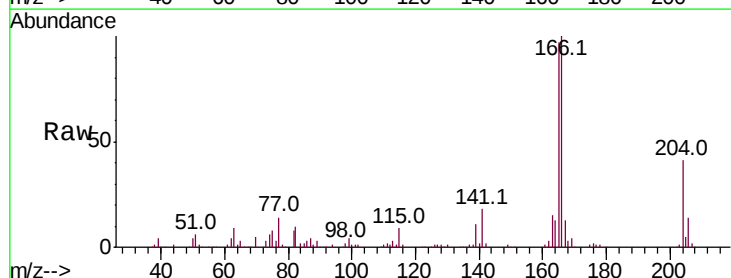
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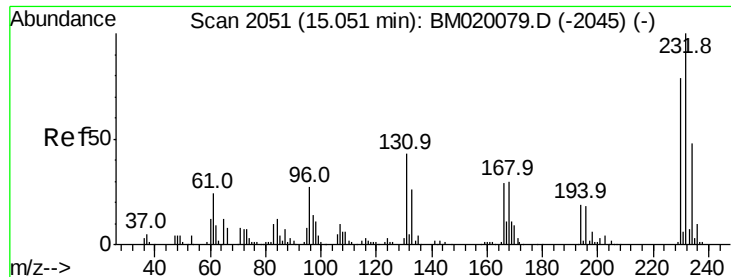
Sohil
5/24/2019 5:01:36 PM



#58
Fluorene
Concen: 37.031 ng
RT: 15.39 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	13.0	11.0	16.4





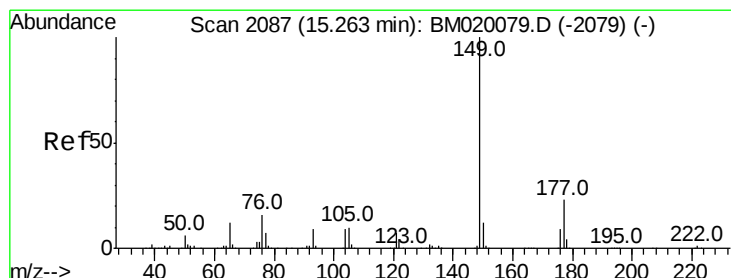
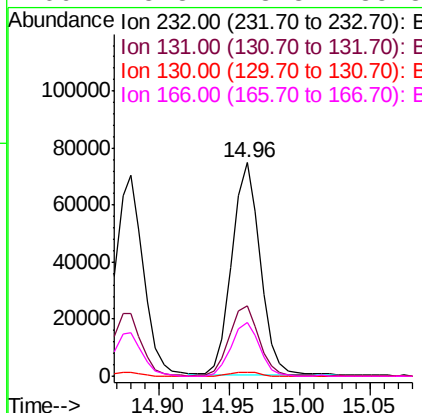
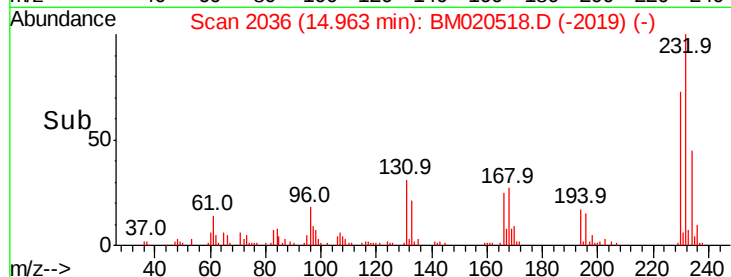
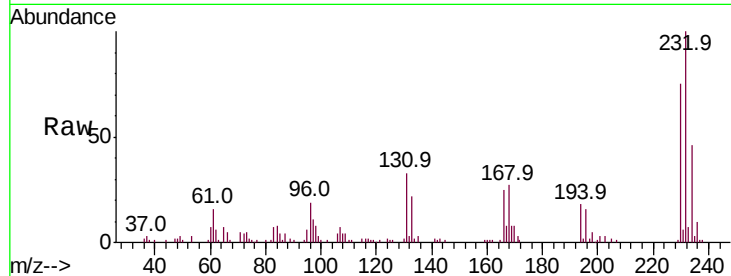
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.703 ng
RT: 14.96 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	103941		
131	35.3		34.2	51.4
130	1.8		2.0	3.0
166	25.8		23.8	35.8

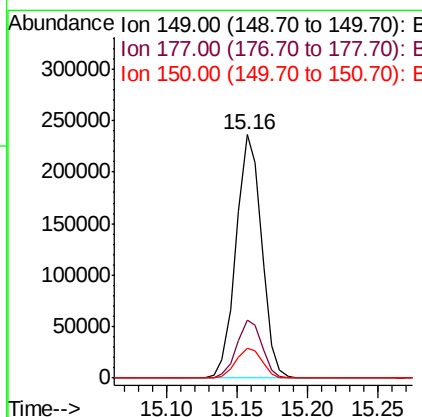
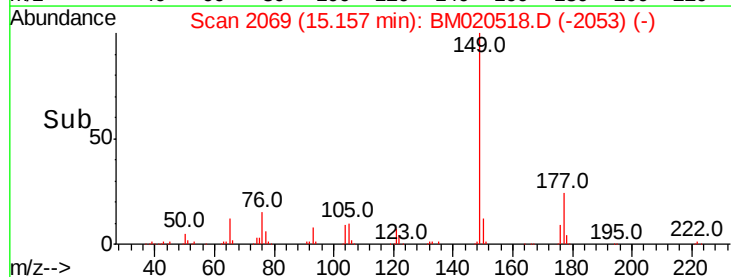
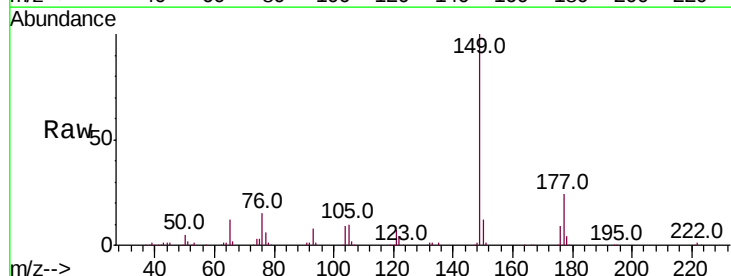
Manual Integrations
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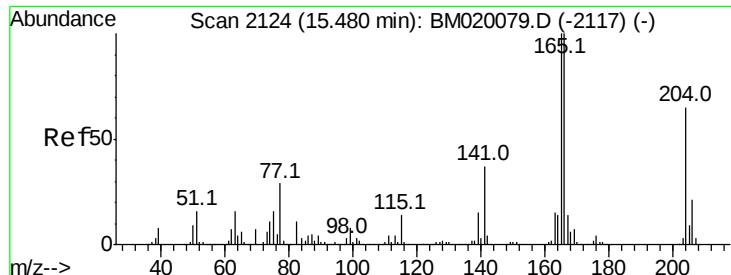
Sohil
5/24/2019 5:01:36 PM



#60
Diethylphthalate
Concen: 35.245 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	297273		
177	23.8		18.2	27.4
150	12.2		9.9	14.9





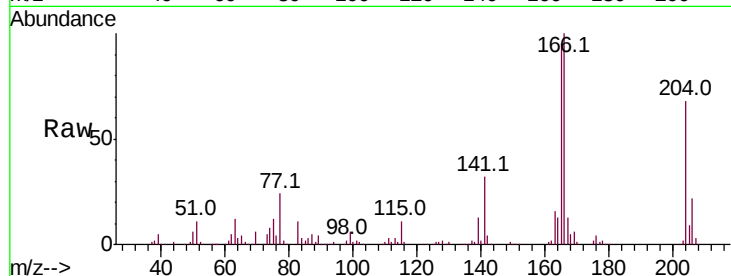
#61
4-Chlorophenyl-phenylether
Concen: 40.593 ng
RT: 15.38 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

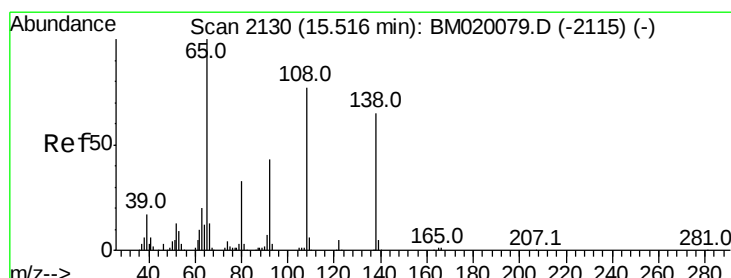
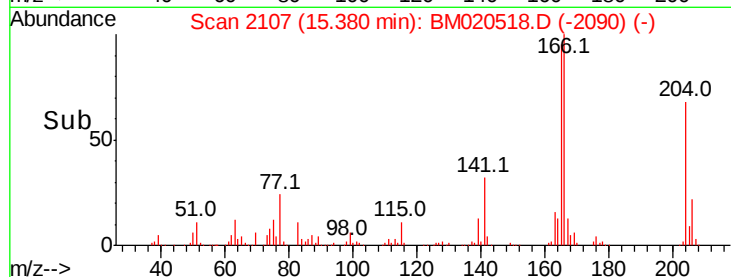
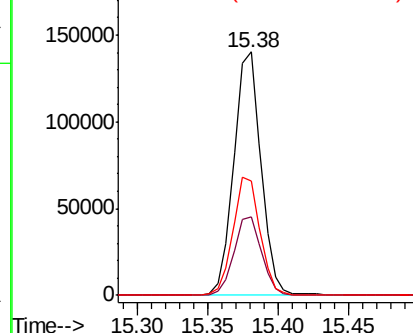
Tot Ion	Ratio	Resp	Lower	Upper
204	100	189287		
206	32.3	25.6	38.4	
141	46.9	46.1	69.1	

Manual Integrations
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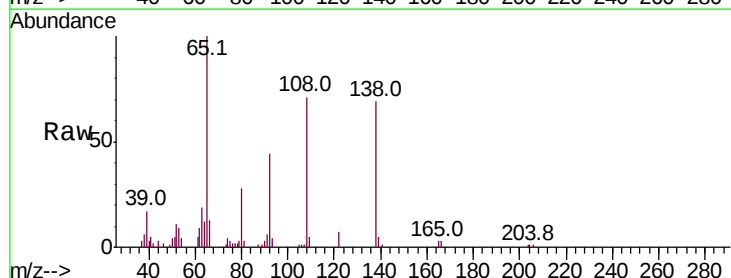


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

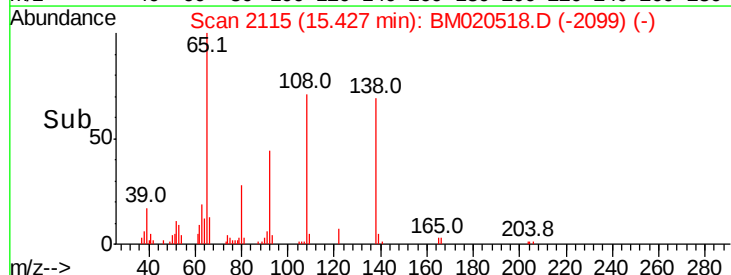
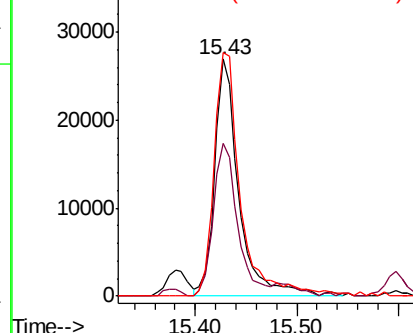


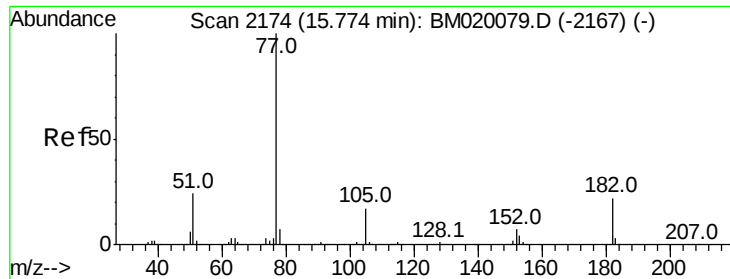
#62
4-Nitroaniline
Concen: 24.828 ng m
RT: 15.43 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	44841		
92	64.5	45.9	85.9	
108	102.7	97.7	137.7	



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





#63

Azobenzene

Concen: 32.168 ng

RT: 15.67 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

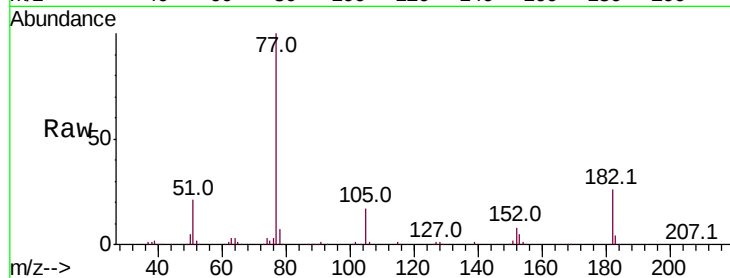
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	2.1	42.1
105	17.3	0.0	36.8
51	21.1	3.8	43.8

Manual Integrations
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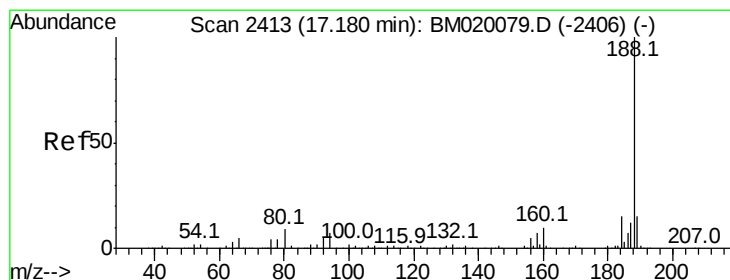
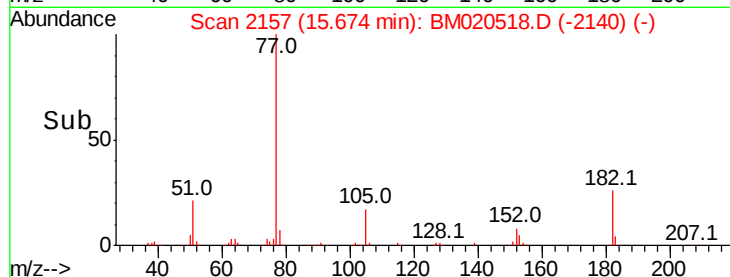
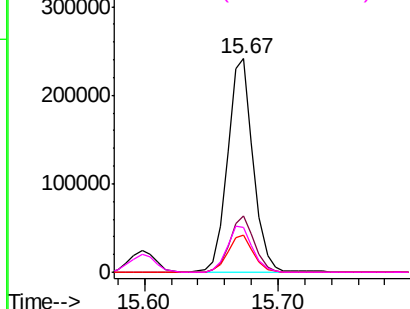


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020518.D

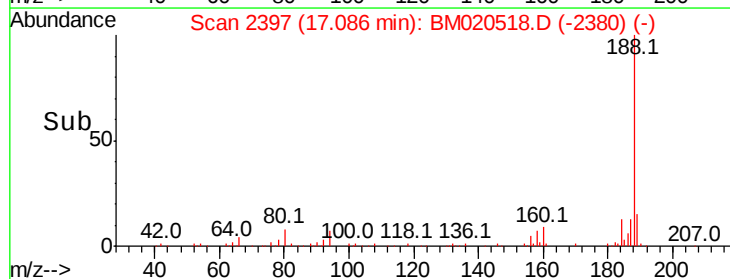
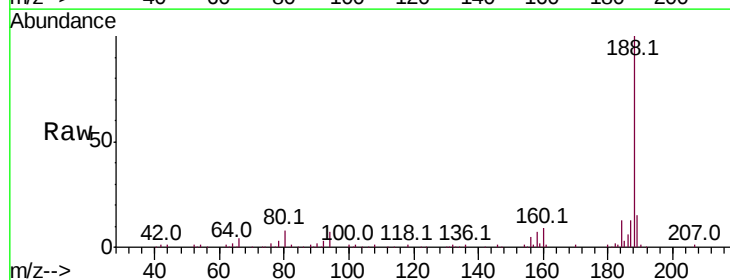
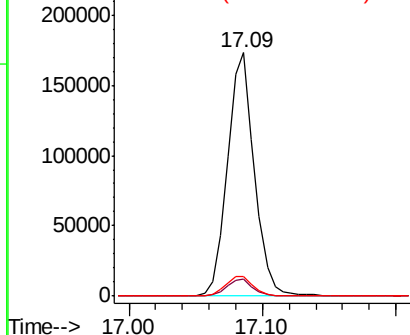
Acq: 23 May 2019 16:32

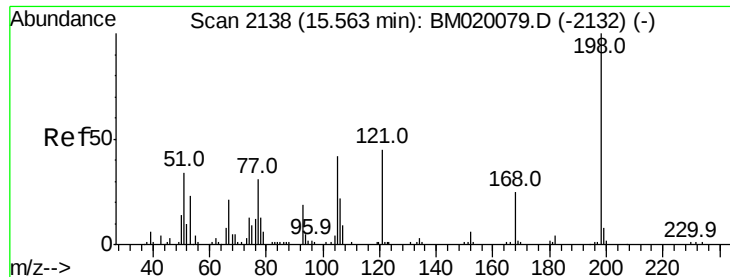
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	8.3	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





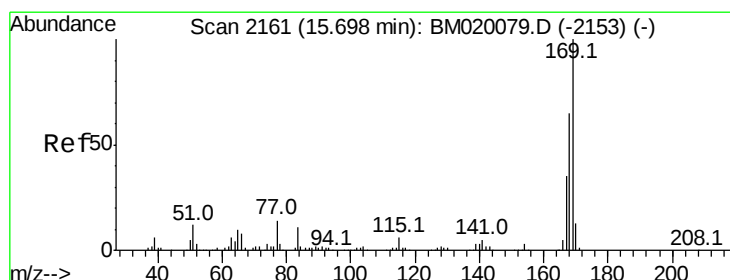
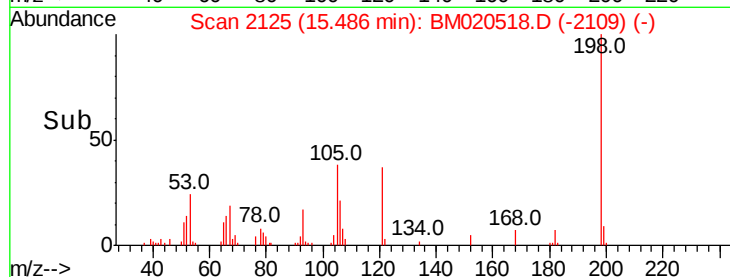
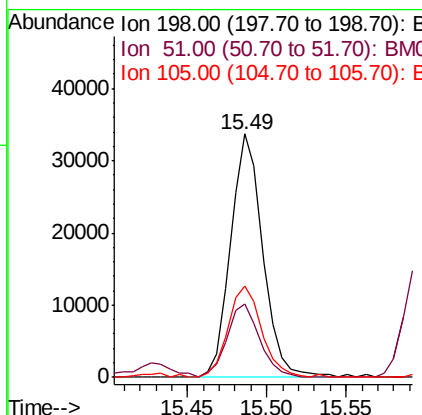
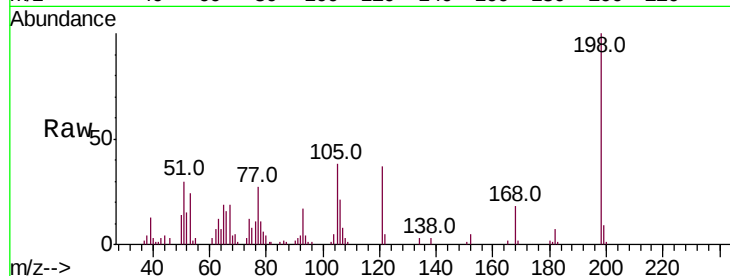
#65
4,6-Dinitro-2-methylphenol
Concen: 39.978 ng
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.3	16.5	56.5
105	37.6	22.8	62.8

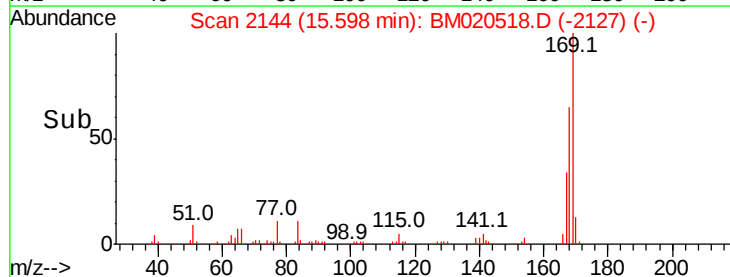
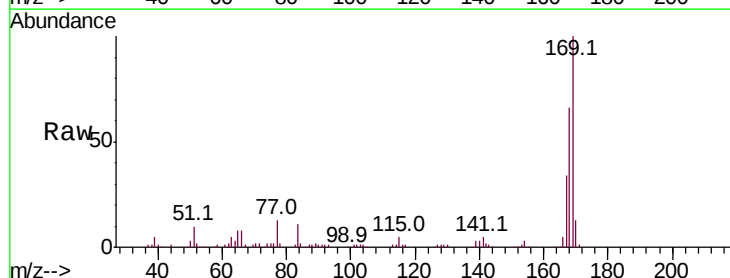
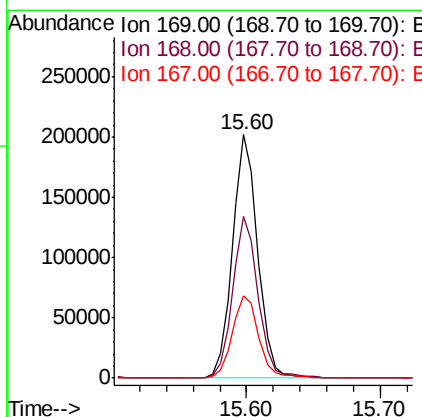
Manual Integrations
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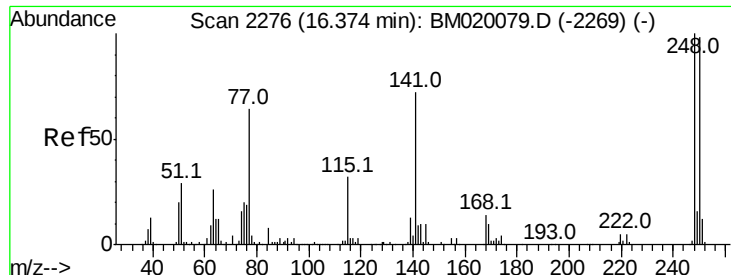
Sohil
5/24/2019 5:01:36 PM



#66
n-Nitrosodiphenylamine
Concen: 37.042 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	51.9	77.9
167	33.6	27.8	41.6





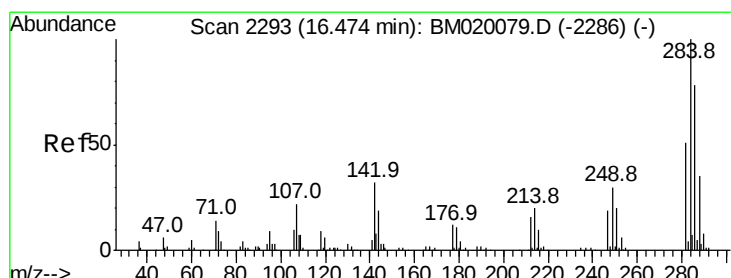
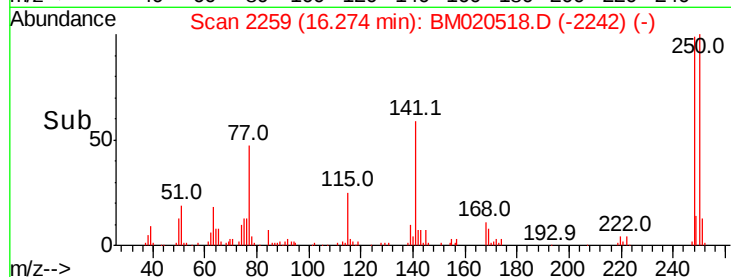
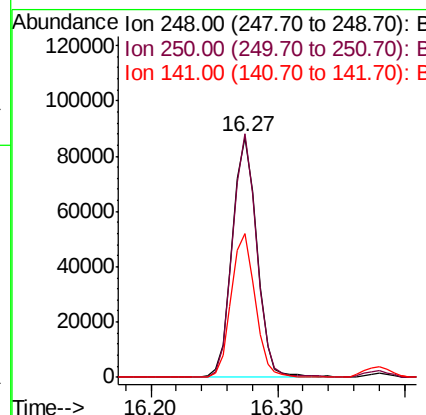
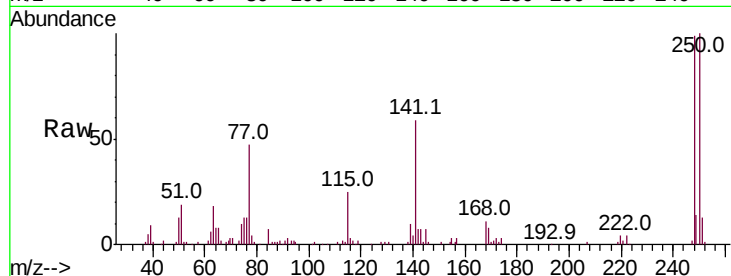
#67
 4-Bromophenyl-phenylether
 Concen: 39.124 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.5	78.4	117.6
141	59.9	57.4	86.2

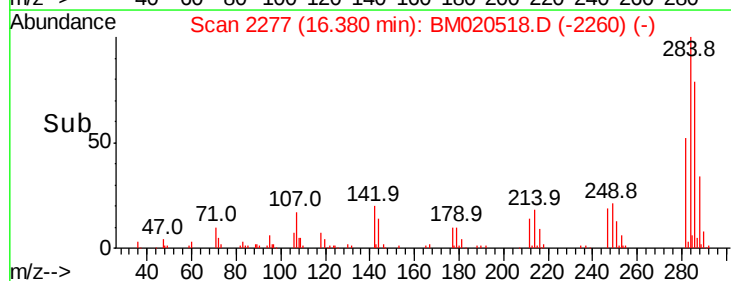
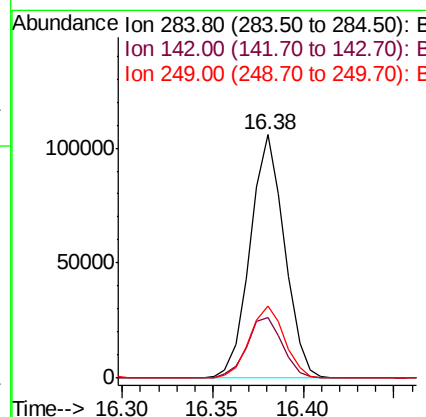
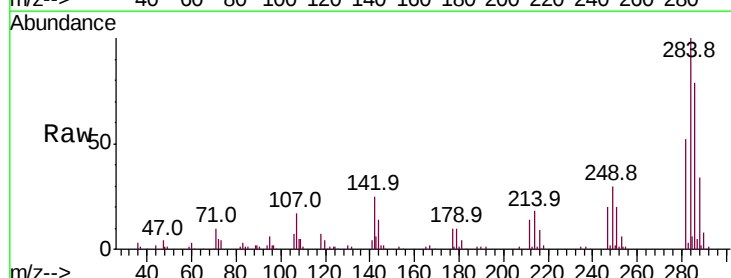
Manual Integrations
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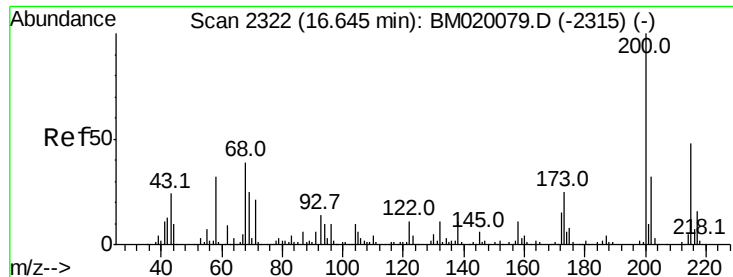
Sohil
 5/24/2019 5:01:36 PM



#68
 Hexachlorobenzene
 Concen: 40.524 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	25.2	37.8#
249	29.6	23.6	35.4





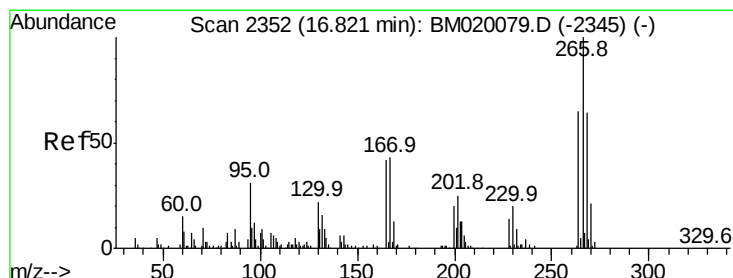
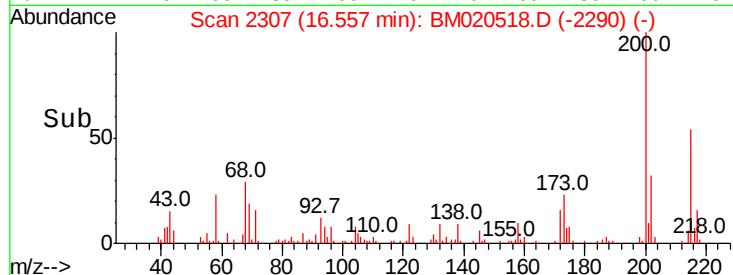
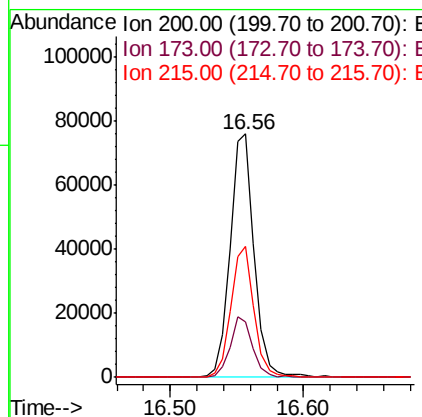
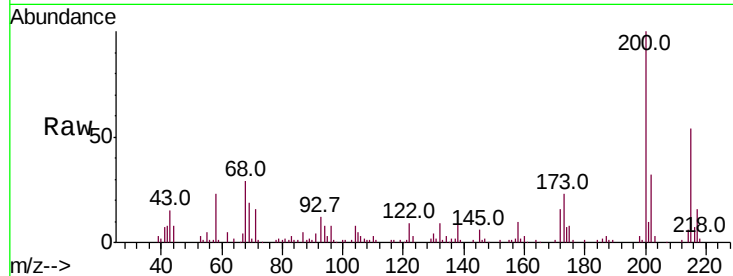
#69
Atrazine
Concen: 34.275 ng
RT: 16.56 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.7	4.6	44.6
215	54.0	28.0	68.0

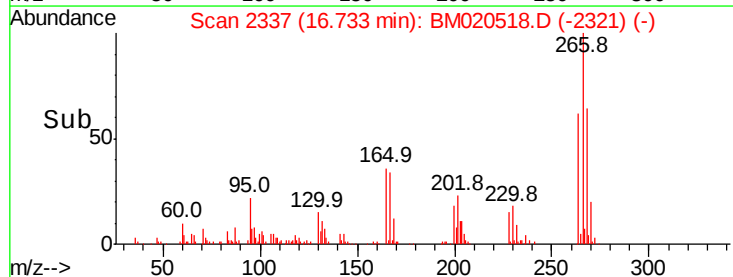
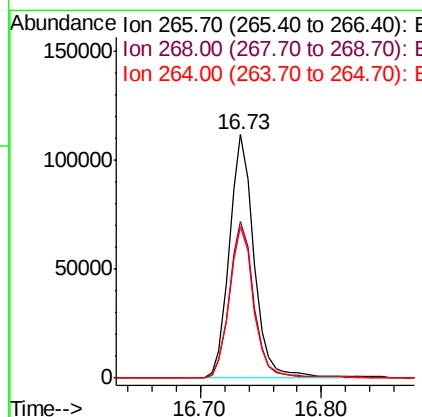
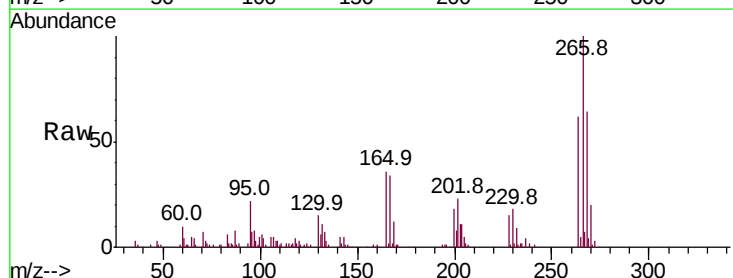
Manual Integrations
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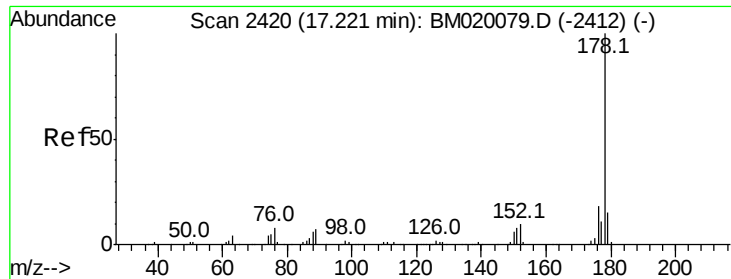
Sohil
5/24/2019 5:01:36 PM



#70
Pentachlorophenol
Concen: 81.041 ng
RT: 16.73 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.4	77.0
264	62.4	52.0	78.0





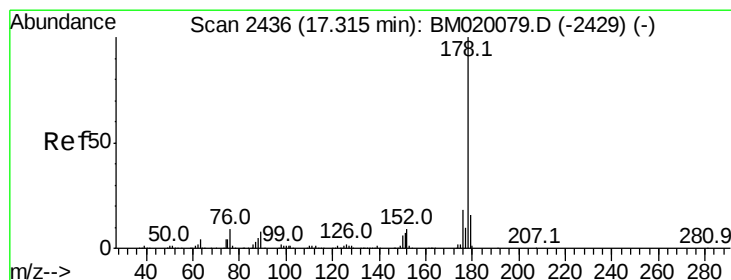
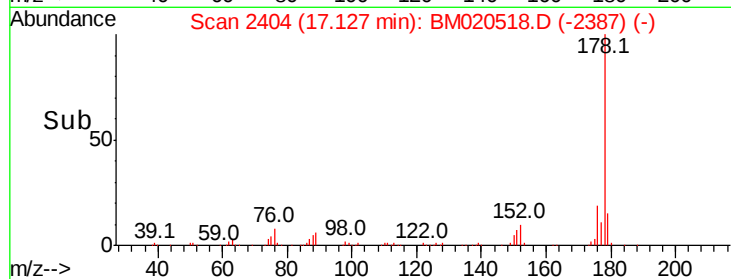
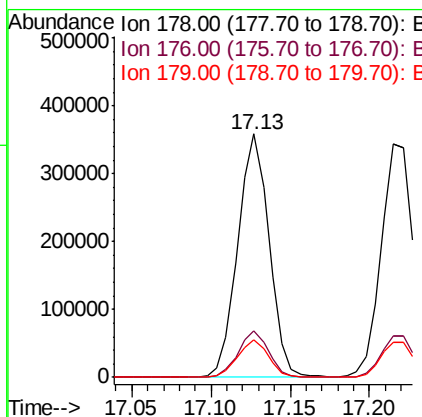
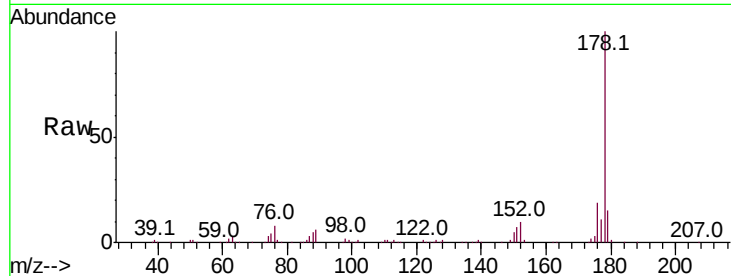
#71
Phenanthrene
Concen: 36.632 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.2	12.4	18.6

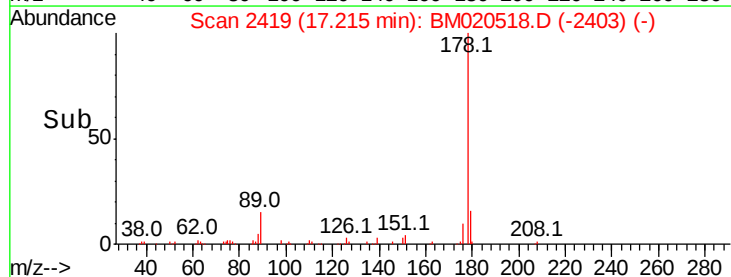
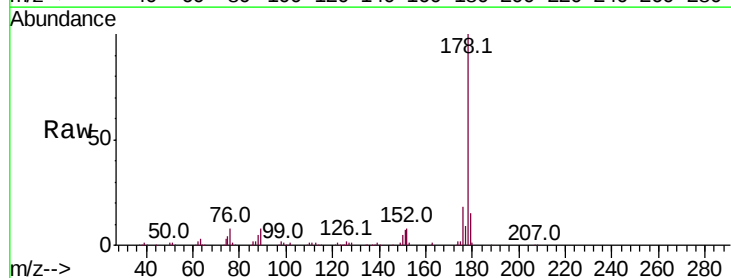
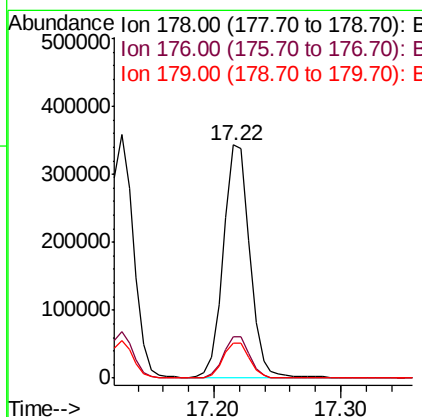
Manual Integrations
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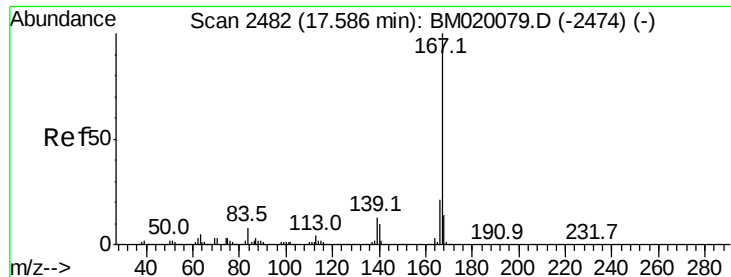
Sohil
5/24/2019 5:01:36 PM



#72
Anthracene
Concen: 36.387 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	15.2	12.4	18.6





#73

Carbazole

Concen: 35.036 ng

RT: 17.50 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

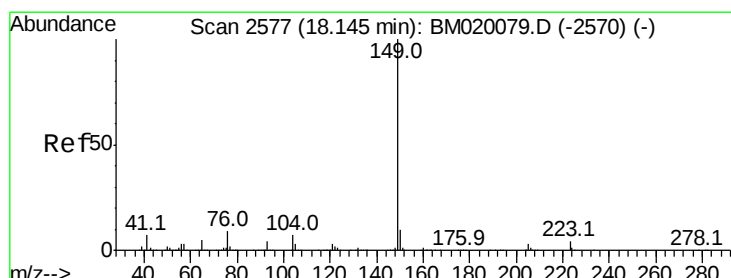
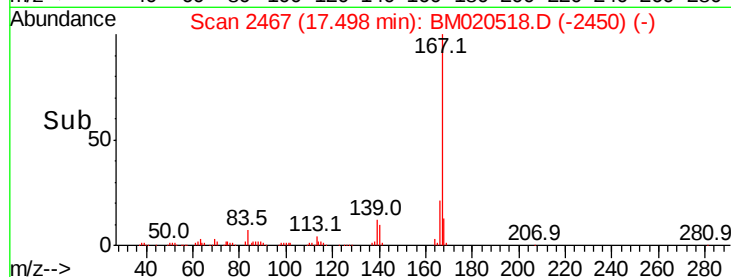
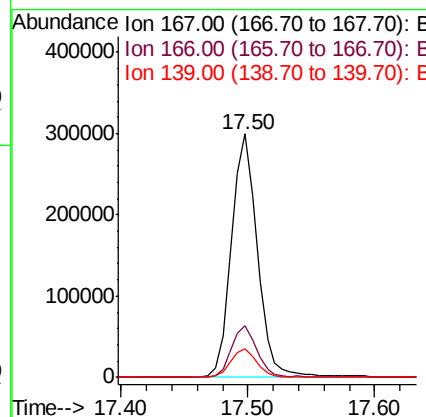
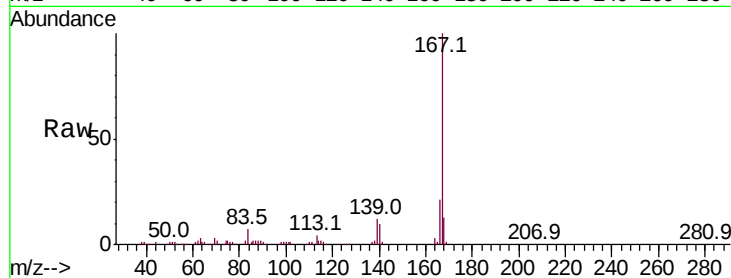
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	167	Resp:	424794
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.0	25.6
139	11.6	10.6	16.0

Manual Integrations
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Sohil
5/24/2019 5:01:36 PM



#74

Di-n-butylphthalate

Concen: 32.099 ng

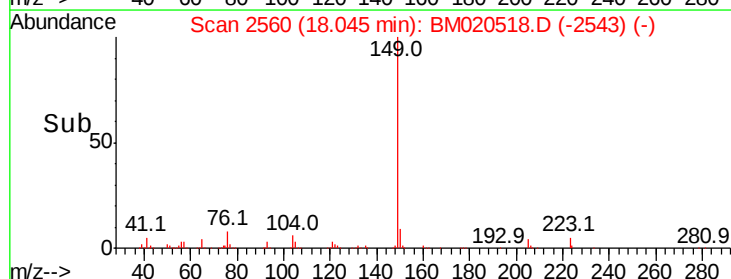
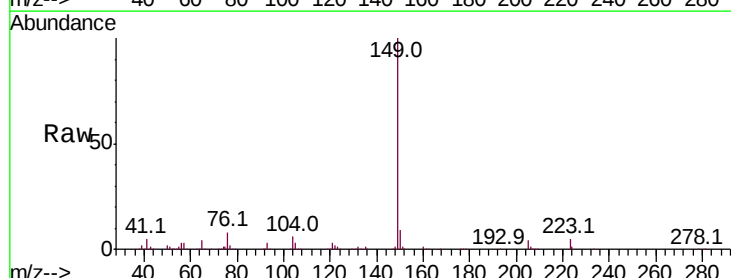
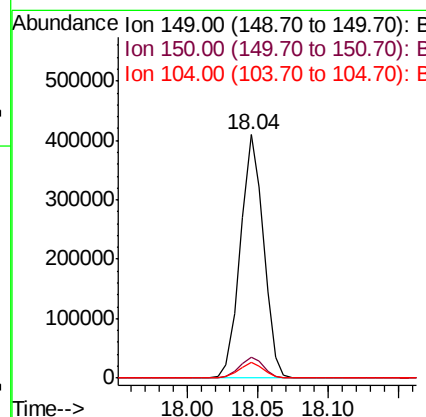
RT: 18.04 min Scan# 2560

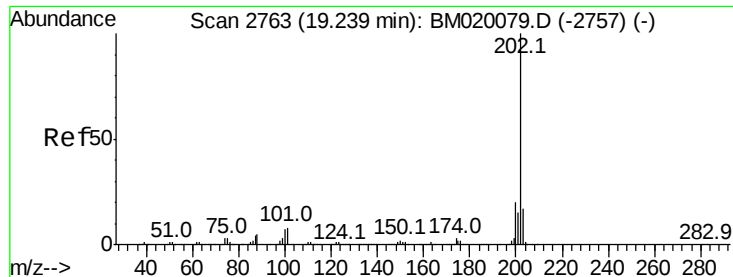
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	149	Resp:	468359
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	6.4	5.7	8.5





#75

Fluoranthene

Concen: 37.489 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

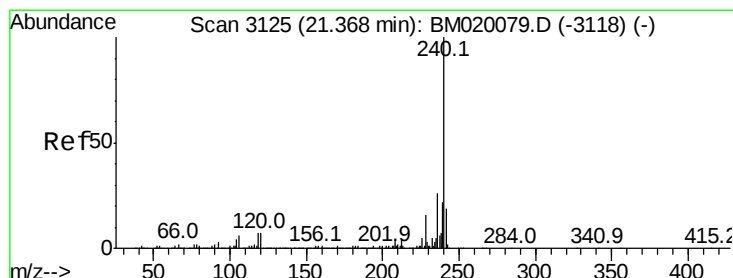
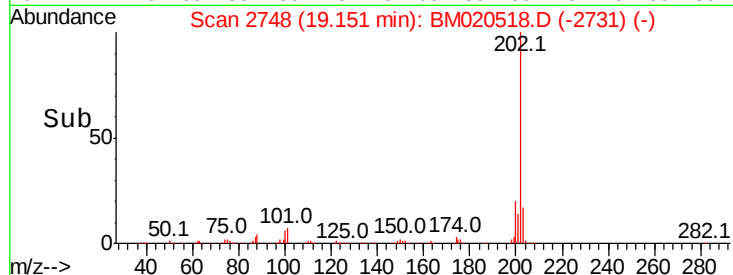
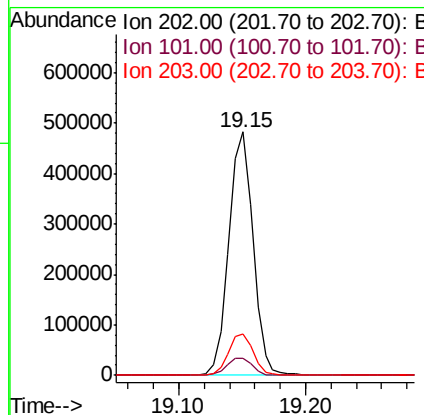
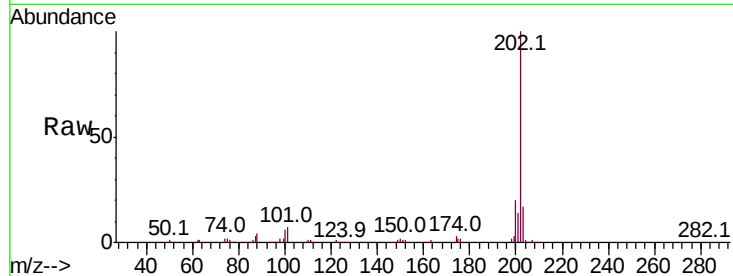
ClientSampleId :

FESB-16(2.4-2.9)MSD

Tot Ion:	202	Resp:	637471
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.4
203	17.2	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

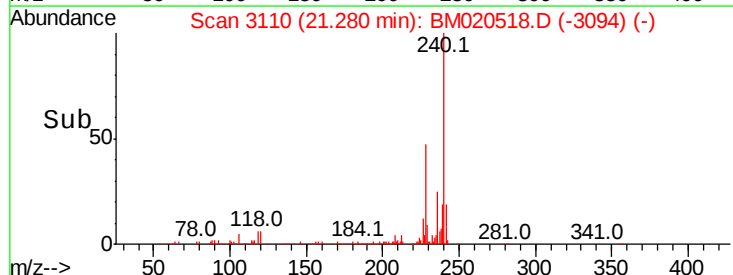
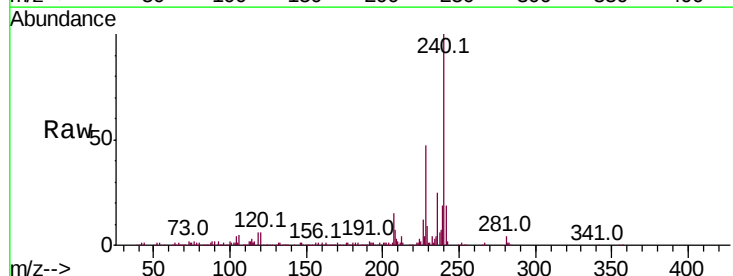
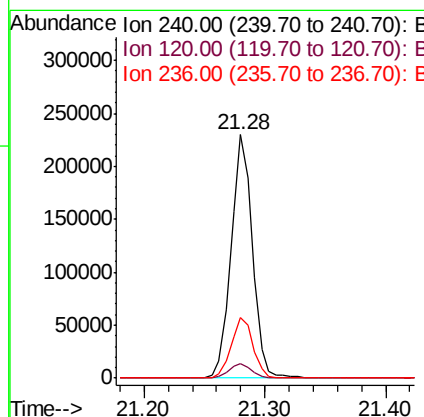
RT: 21.28 min Scan# 3110

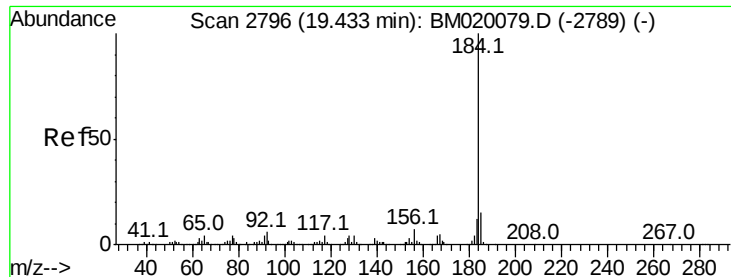
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	240	Resp:	282556
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.6	8.4
236	24.9	20.9	31.3





#77

Benzidine

Concen: 11.966 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

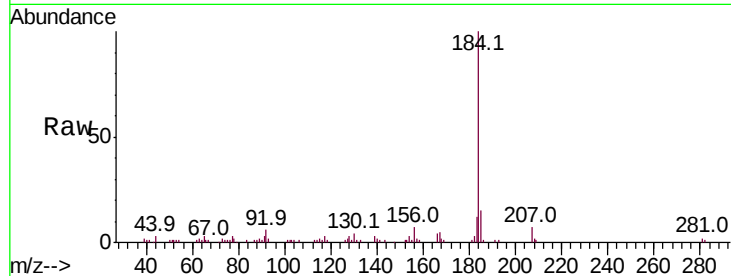
ClientSampleId :

FESB-16(2.4-2.9)MSD

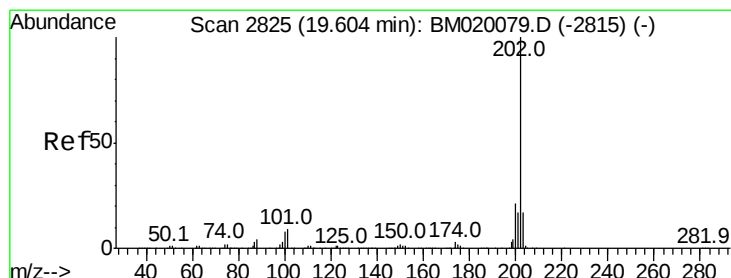
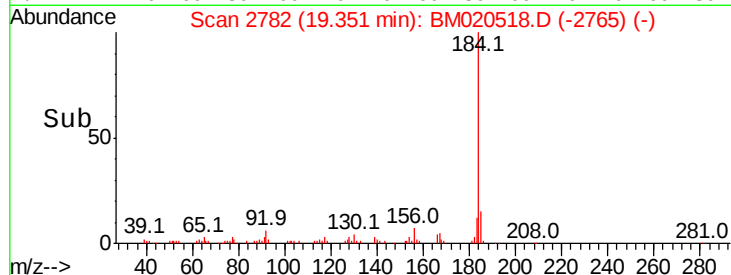
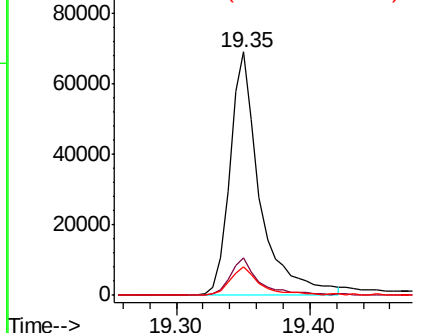
Tot Ion:	184	Resp:	108094
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.0	18.0
183	12.0	9.5	14.3

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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: 34.514 ng

RT: 19.52 min Scan# 2810

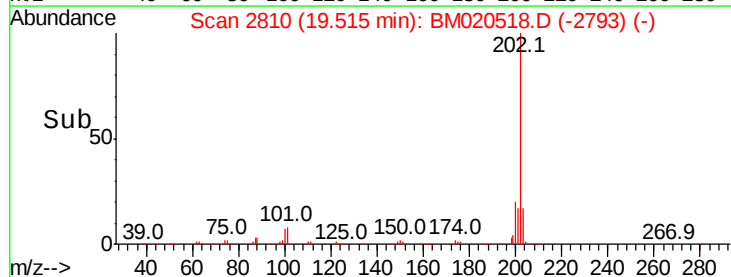
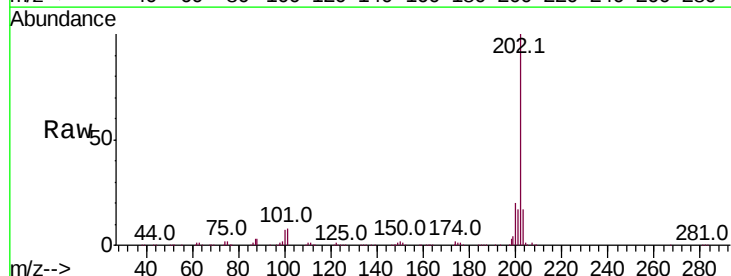
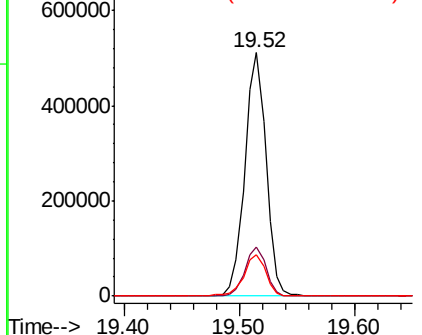
Delta R.T. 0.00 min

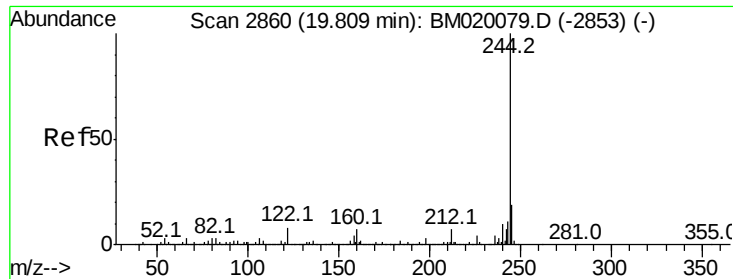
Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:	202	Resp:	654749
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.5	24.7
203	17.2	13.9	20.9

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





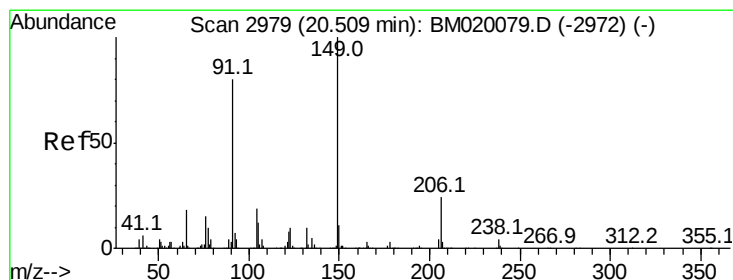
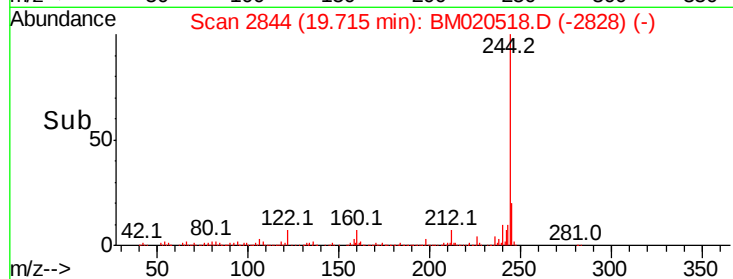
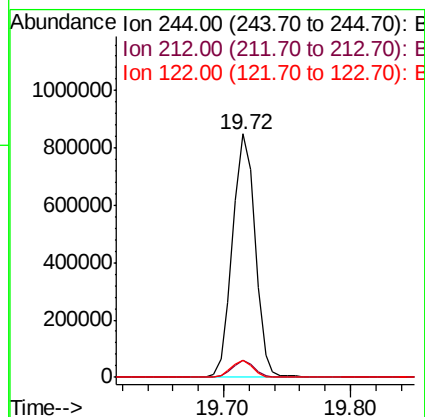
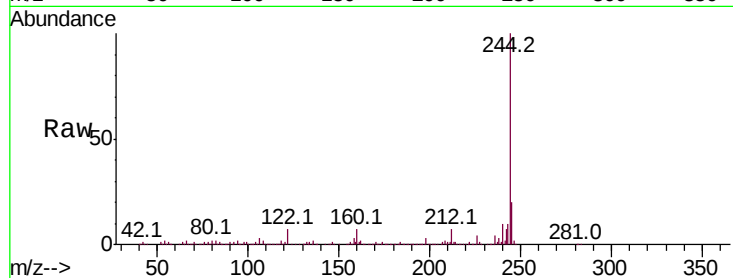
#79
 Terphenyl-d14
 Concen: 64.538 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.0	6.2	9.2

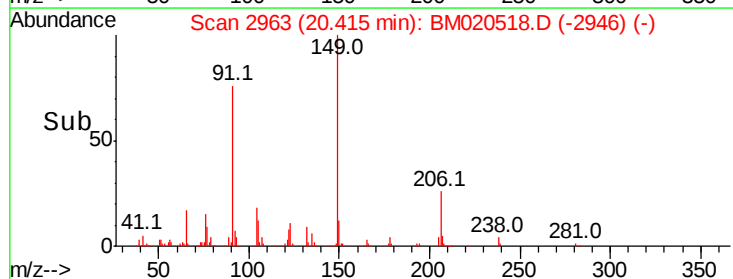
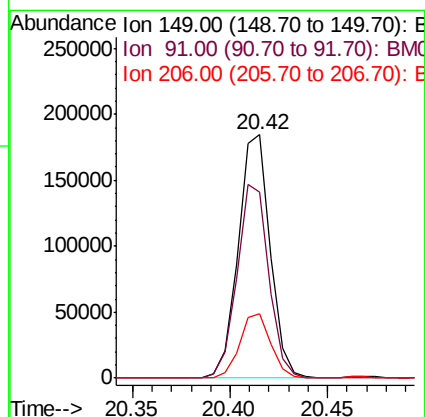
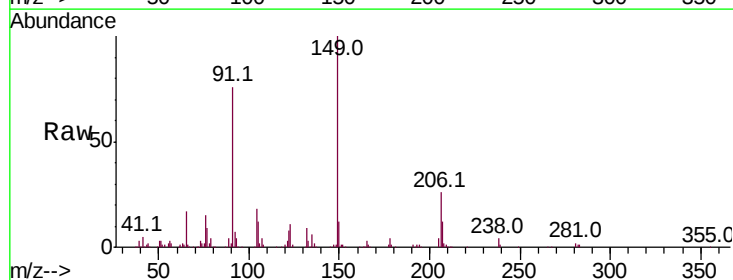
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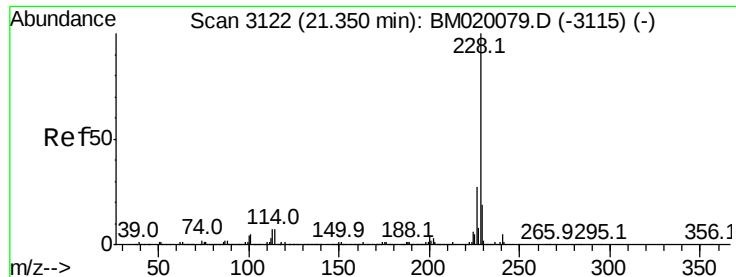
Sohil
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#80
 Butylbenzylphthalate
 Concen: 30.353 ng
 RT: 20.42 min Scan# 2963
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	63.8	95.8
206	26.2	18.9	28.3





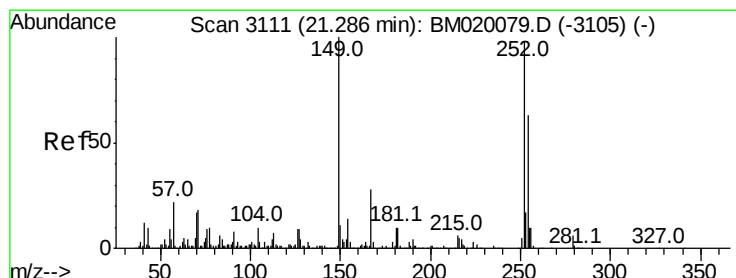
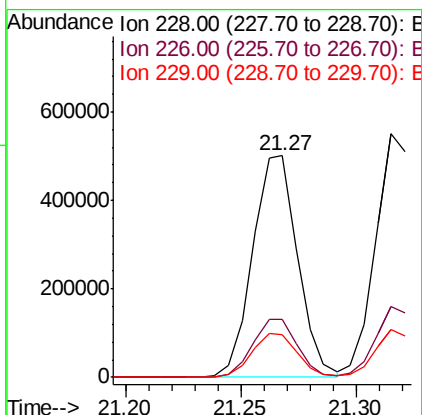
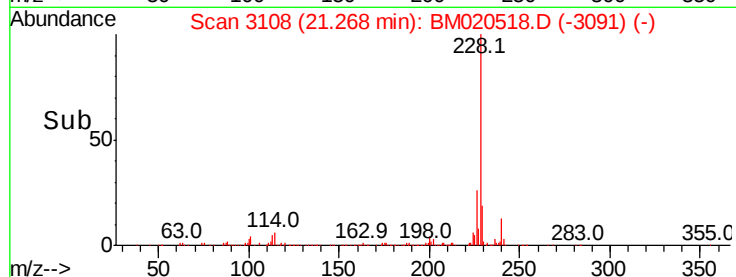
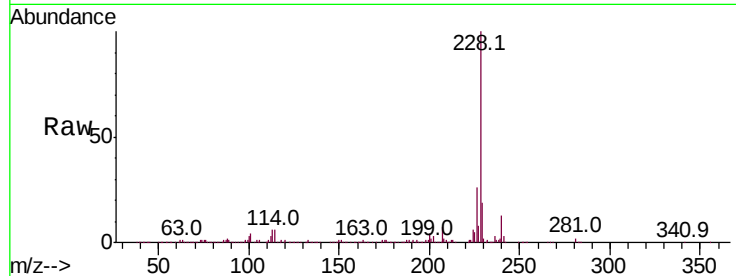
#81
Benzo(a)anthracene
Concen: 34.384 ng
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	19.4	15.5	23.3

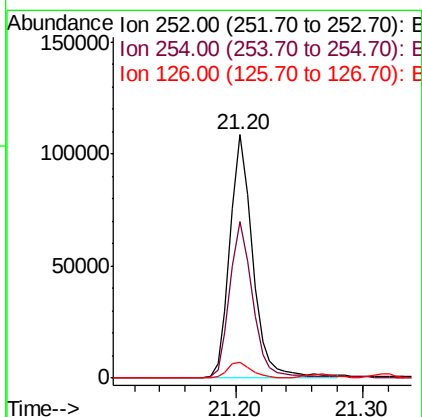
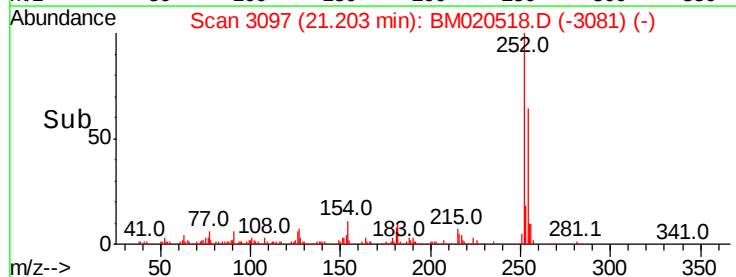
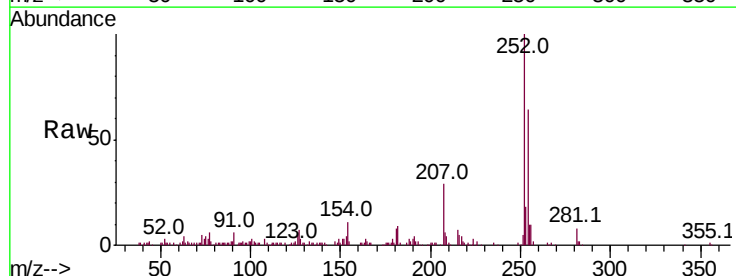
Manual Integrations
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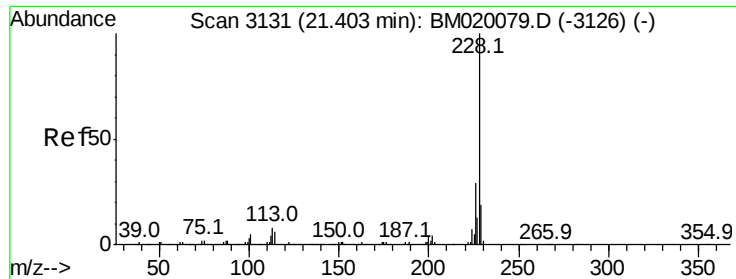
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 18.046 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	6.5	7.1	10.7#





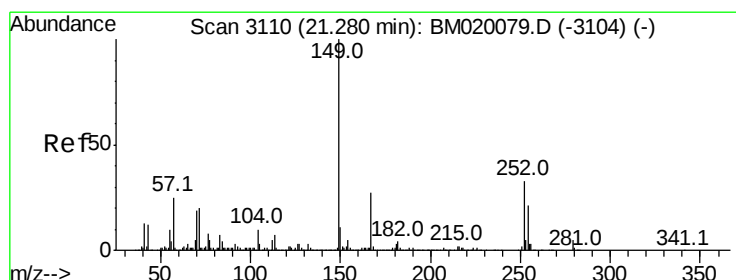
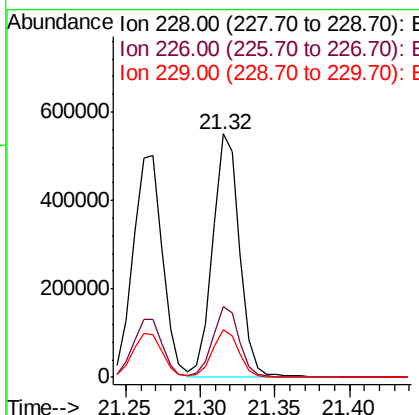
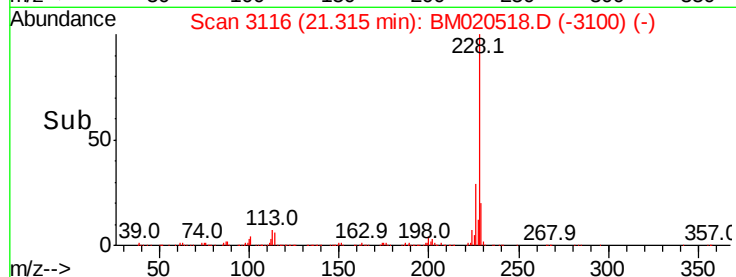
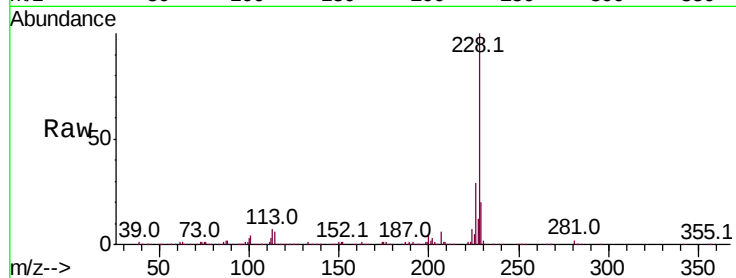
#83
Chrysene
Concen: 35.808 ng
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.5	15.5	23.3

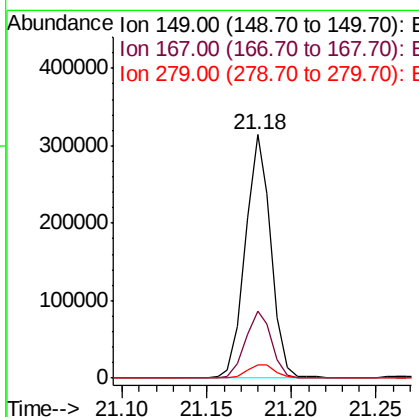
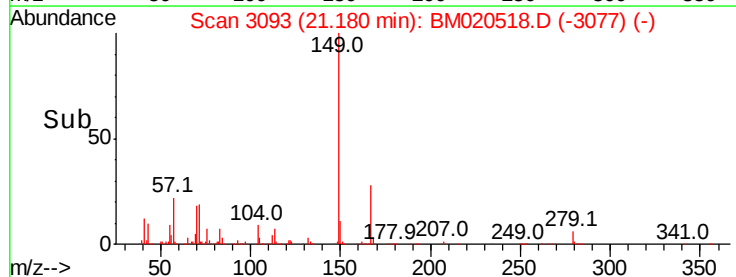
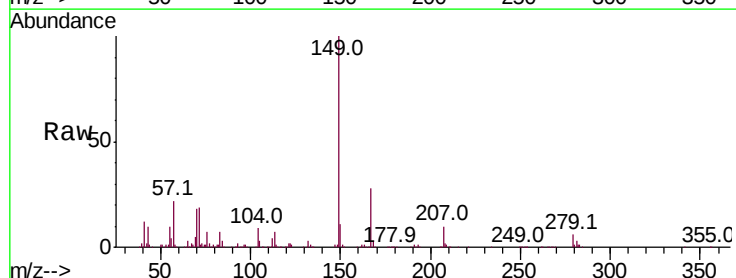
Manual Integrations
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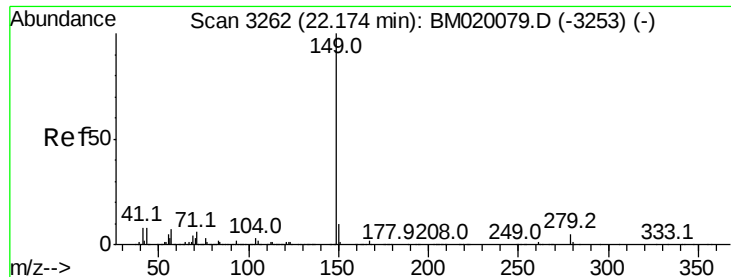
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.790 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	5.7	4.2	6.2





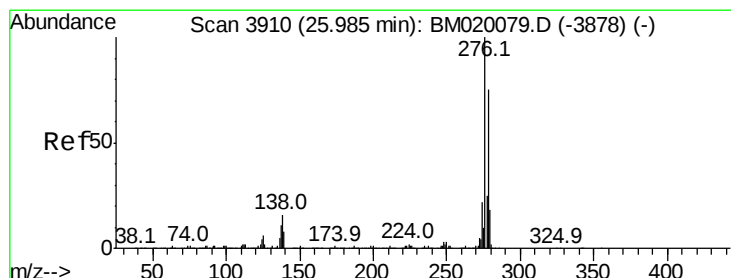
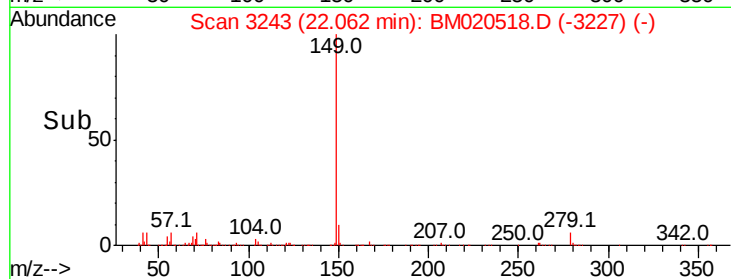
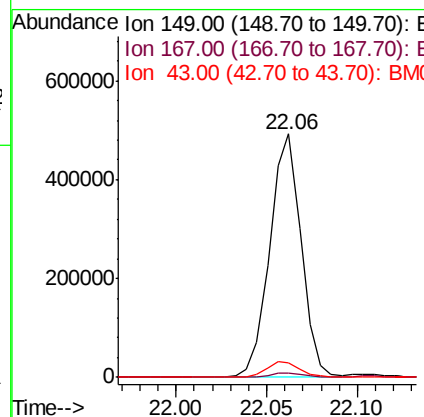
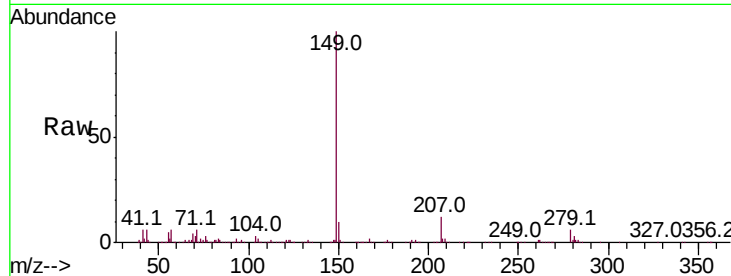
#85
Di-n-octyl phthalate
Concen: 33.193 ng
RT: 22.06 min Scan# 3243
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.3	1.9
43	6.4	6.5	9.7#

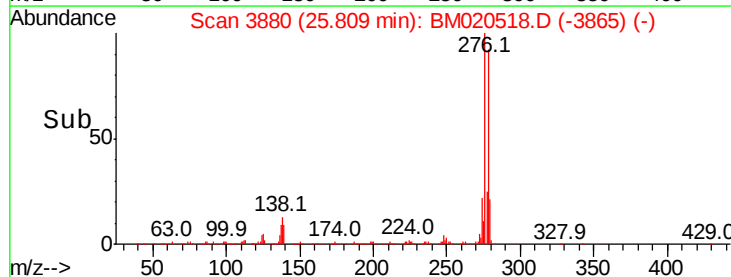
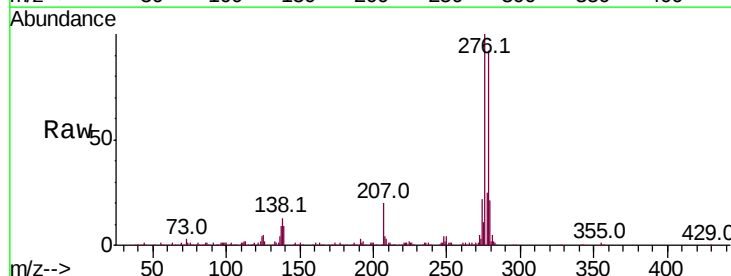
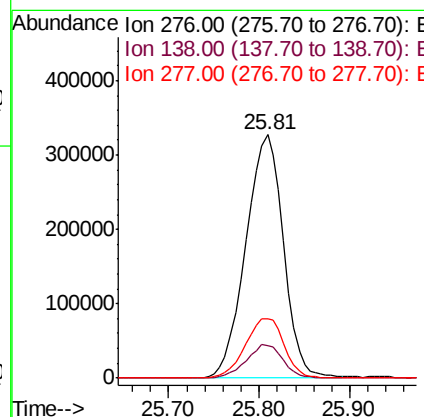
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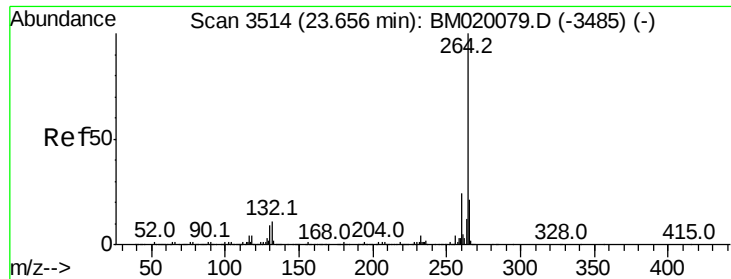
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.304 ng
RT: 25.81 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.5	0.0	0.0#
277	25.4	0.0	0.0#





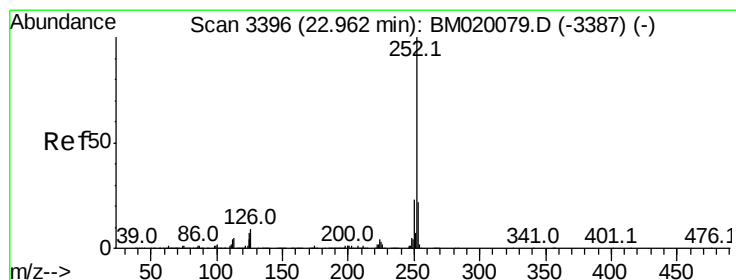
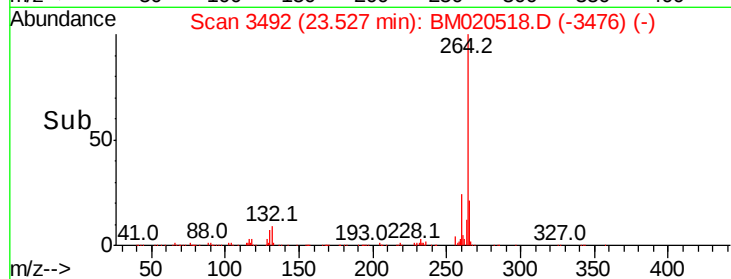
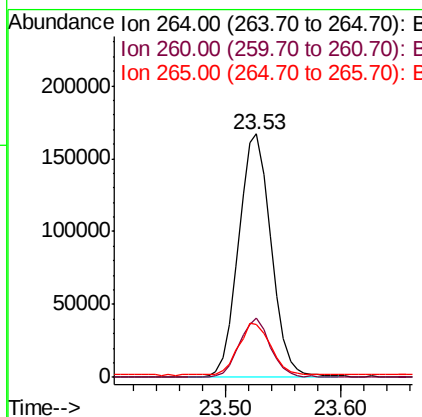
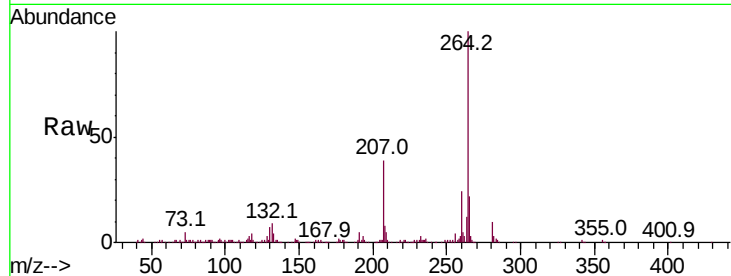
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	16.9	25.3

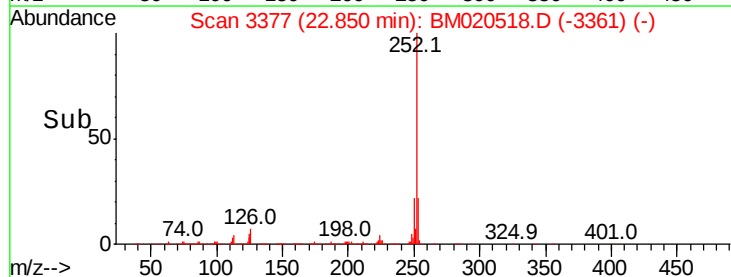
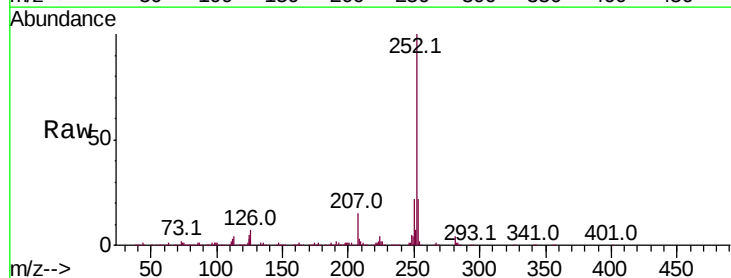
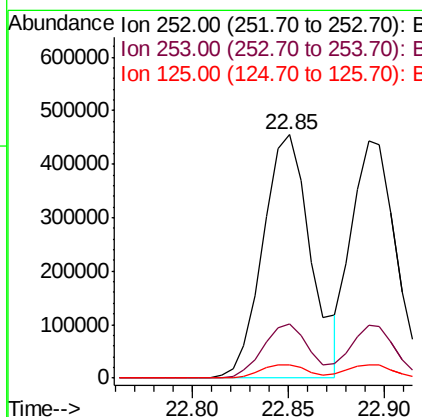
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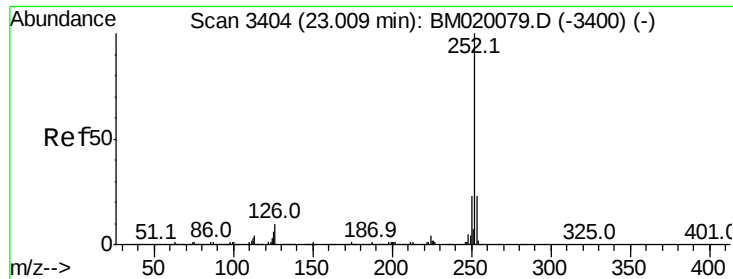
Sohil
5/24/2019 5:01:36 PM



#88
Benzo(b)fluoranthene
Concen: 36.503 ng m
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	5.4	5.4	8.2#





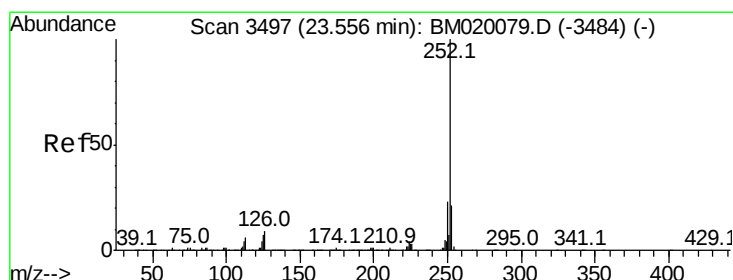
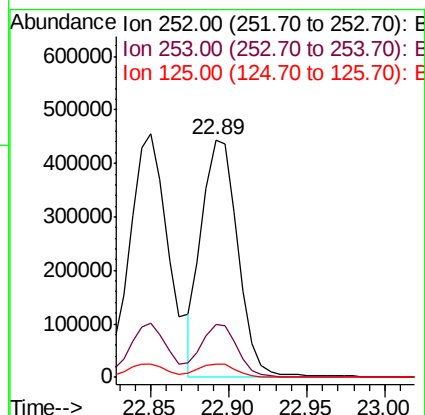
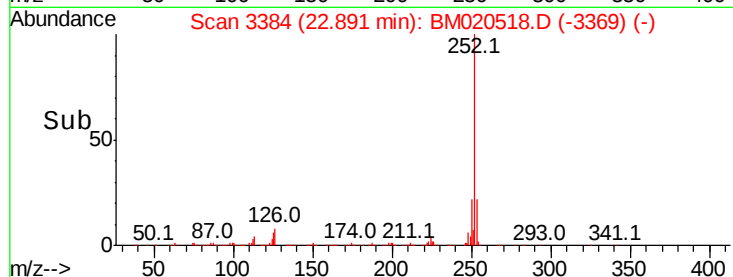
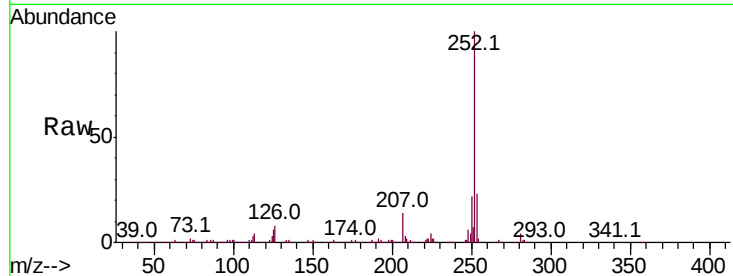
#89
Benzo(k)fluoranthene
Concen: 36.522 ng m
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion:	252	Resp:	721601
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	5.7	5.4	8.0

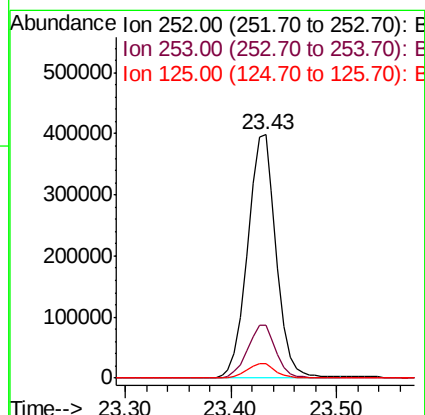
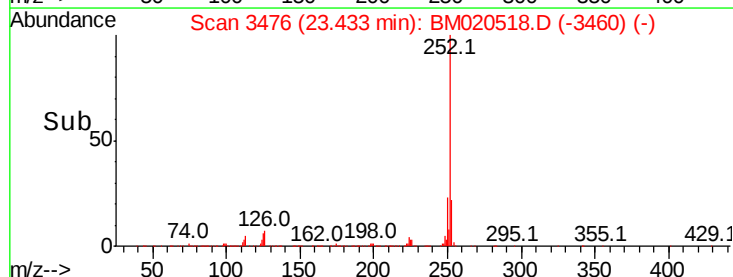
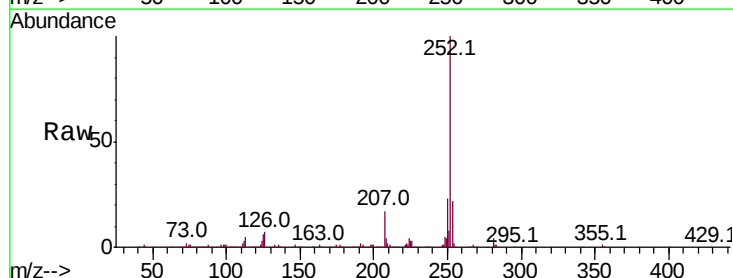
Manual Integrations
APPROVED

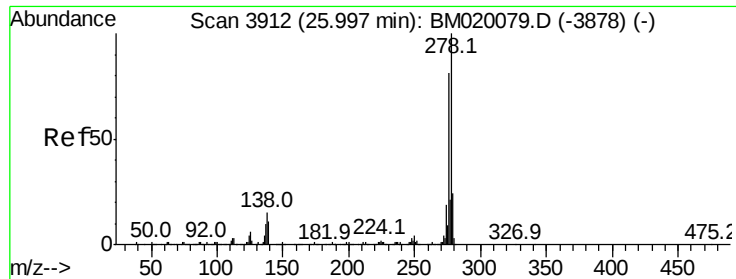
Sohil
5/24/2019 5:01:36 PM



#90
Benzo(a)pyrene
Concen: 37.781 ng
RT: 23.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion:	252	Resp:	743309
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	5.9	5.5	8.3





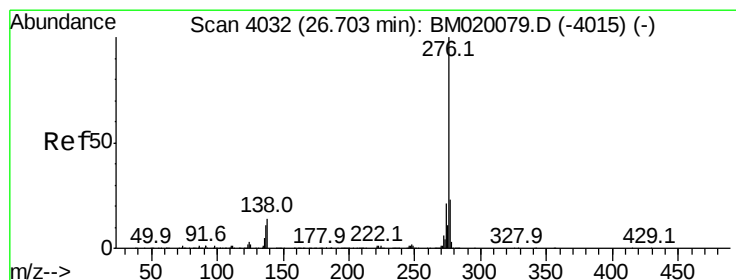
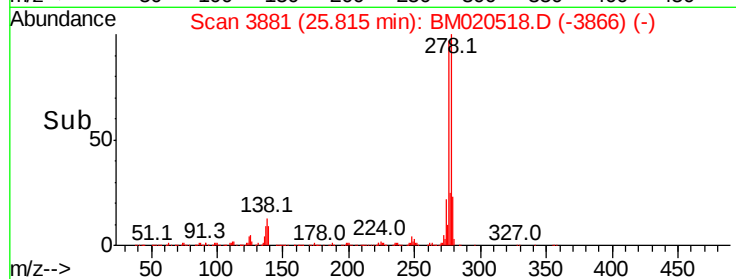
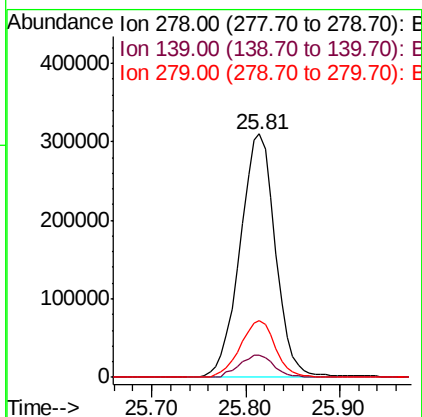
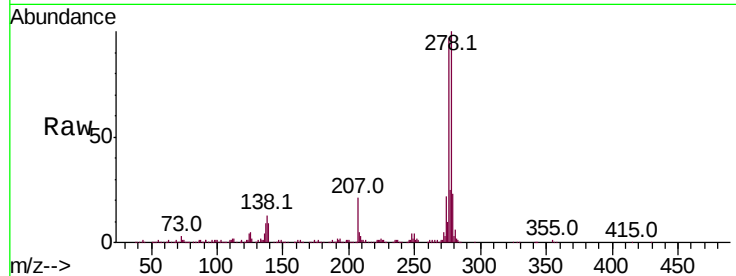
#91
Dibenzo(a,h)anthracene
Concen: 39.558 ng
RT: 25.81 min Scan# 3881
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.6	13.0
279	23.2	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/24/2019 5:01:36 PM



#92
Benzo(g,h,i)perylene
Concen: 40.746 ng
RT: 26.51 min Scan# 3999
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	11.8	11.1	16.7

