

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020517.D
 Acq On : 23 May 2019 15:56
 Operator : JU/SJ
 Sample : K2966-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:01:35 PM

Quant Time: May 24 03:06:13 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	40254	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	135544	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	79079	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	196977	20.00	ng	0.00
76) Chrysene-d12	21.28	240	236888	20.00	ng	0.00
87) Perylene-d12	23.53	264	276998	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	238417	96.81	ng	0.00
7) Phenol-d6	6.85	99	318347	94.62	ng	0.00
23) Nitrobenzene-d5	8.84	82	204726	59.63	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	135420	110.33	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	379237	59.00	ng	0.00
79) Terphenyl-d14	19.72	244	712722	52.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	31727	26.268	ng	# 89
3) Pyridine	3.59	79	70050	22.677	ng	89
4) n-Nitrosodimethylamine	3.50	42	24149	24.380	ng	# 47
6) Aniline	7.00	93	53975	12.745	ng	93
8) 2-Chlorophenol	7.23	128	82039	30.595	ng	97
9) Benzaldehyde	6.83	77	60028	23.574	ng	92
10) Phenol	6.87	94	116501	32.167	ng	87
11) bis(2-Chloroethyl)ether	7.10	93	81033	30.783	ng	93
12) 1,3-Dichlorobenzene	7.56	146	94324	30.234	ng	91
13) 1,4-Dichlorobenzene	7.70	146	98339	31.203	ng	96
14) 1,2-Dichlorobenzene	8.02	146	93007	30.975	ng	96
15) Benzyl Alcohol	7.92	79	75797	23.365	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	53975	24.728	ng	89
17) 2-Methylphenol	8.12	107	69680	29.887	ng	94
18) Hexachloroethane	8.73	117	36199	27.546	ng	90
19) n-Nitroso-di-n-propylamine	8.48	70	69168	24.031	ng	93
20) 3+4-Methylphenols	8.45	107	88968	28.712	ng	94
22) Acetophenone	8.50	105	124435	33.591	ng	# 94
24) Nitrobenzene	8.88	77	108594	30.507	ng	95
25) Isophorone	9.40	82	178669	30.178	ng	97
26) 2-Nitrophenol	9.59	139	36762	34.208	ng	90
27) 2,4-Dimethylphenol	9.65	122	66171	36.984	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	97192	30.141	ng	98
29) 2,4-Dichlorophenol	10.12	162	77670	34.427	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	98515	35.488	ng	98
31) Naphthalene	10.51	128	225611	32.075	ng	99
32) Benzoic acid	9.76	122	35084m	30.375	ng	
33) 4-Chloroaniline	10.65	127	29345	10.136	ng	94
34) Hexachlorobutadiene	10.77	225	67955	34.605	ng	97
35) Caprolactam	11.45	113	18342	27.190	ng	90
36) 4-Chloro-3-methylphenol	11.77	107	76600	28.892	ng	92
37) 2-Methylnaphthalene	12.13	142	162135	31.618	ng	96
38) 1-Methylnaphthalene	12.35	142	153668	30.645	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	116853	37.769	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	88519	48.592	nq	99
43) 2,4,6-Trichlorophenol	12.76	196	67746	38.529	nq	98
44) 2,4,5-Trichlorophenol	12.83	196	70503	35.892	nq	95
46) 1,1'-Biphenyl	13.16	154	214240	32.915	nq	99
47) 2-Chloronaphthalene	13.20	162	175112	33.696	nq	96
48) 2-Nitroaniline	13.43	65	41537	22.450	nq	91
49) Acenaphthylene	14.05	152	259246	31.170	nq	99
50) Dimethylphthalate	13.79	163	279489	41.584	nq	99
51) 2,6-Dinitrotoluene	13.93	165	43922	31.027	nq	88
52) Acenaphthene	14.39	154	151927	31.854	nq	99
53) 3-Nitroaniline	14.26	138	17990	13.693	nq	95
54) 2,4-Dinitrophenol	14.48	184	43301	63.072	nq	# 84
55) Dibenzofuran	14.73	168	266886	33.174	nq	96
56) 4-Nitrophenol	14.57	139	61776	55.109	nq	86
57) 2,4-Dinitrotoluene	14.72	165	60705	31.559	nq	96
58) Fluorene	15.39	166	208881	31.614	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	71631	38.374	nq	# 92
60) Diethylphthalate	15.16	149	202535	29.910	nq	97
61) 4-Chlorophenyl-phenylether	15.38	204	126566	33.808	nq	91
62) 4-Nitroaniline	15.43	138	29287m	20.199	nq	
63) Azobenzene	15.67	77	217445	27.220	nq	95
65) 4,6-Dinitro-2-methylphenol	15.49	198	32186	34.714	nq	92
66) n-Nitrosodiphenylamine	15.60	169	181550	31.323	nq	98
67) 4-Bromophenyl-phenylether	16.27	248	78736	32.597	nq	# 92
68) Hexachlorobenzene	16.38	284	96211	34.614	nq	93
69) Atrazine	16.55	200	65049	28.718	nq	98
70) Pentachlorophenol	16.73	266	107747	67.750	nq	98
71) Phenanthrene	17.13	178	345925	31.814	nq	99
72) Anthracene	17.22	178	343411	31.589	nq	99
73) Carbazole	17.50	167	297742	30.353	nq	98
74) Di-n-butylphthalate	18.04	149	323015	27.362	nq	99
75) Fluoranthene	19.15	202	458697	33.342	nq	98
77) Benzidine	19.35	184	65623	8.665	nq	98
78) Pyrene	19.52	202	466308	29.319	nq	99
80) Butylbenzylphthalate	20.41	149	146902	25.399	nq	99
81) Benzo(a)anthracene	21.26	228	489163	29.445	nq	99
82) 3,3'-Dichlorobenzidine	21.20	252	110682	17.456	nq	98
83) Chrysene	21.32	228	494104	30.667	nq	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	228101	25.416	nq	98
85) Di-n-octyl phthalate	22.06	149	418683	28.068	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.80	276	675397	35.242	nq	# 100
88) Benzo(b)fluoranthene	22.85	252	564890m	30.883	nq	
89) Benzo(k)fluoranthene	22.89	252	517556	31.019	nq	99
90) Benzo(a)pyrene	23.43	252	529095	31.845	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	579374	33.532	nq	# 98
92) Benzo(g,h,i)perylene	26.51	276	570750	34.793	nq	97

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

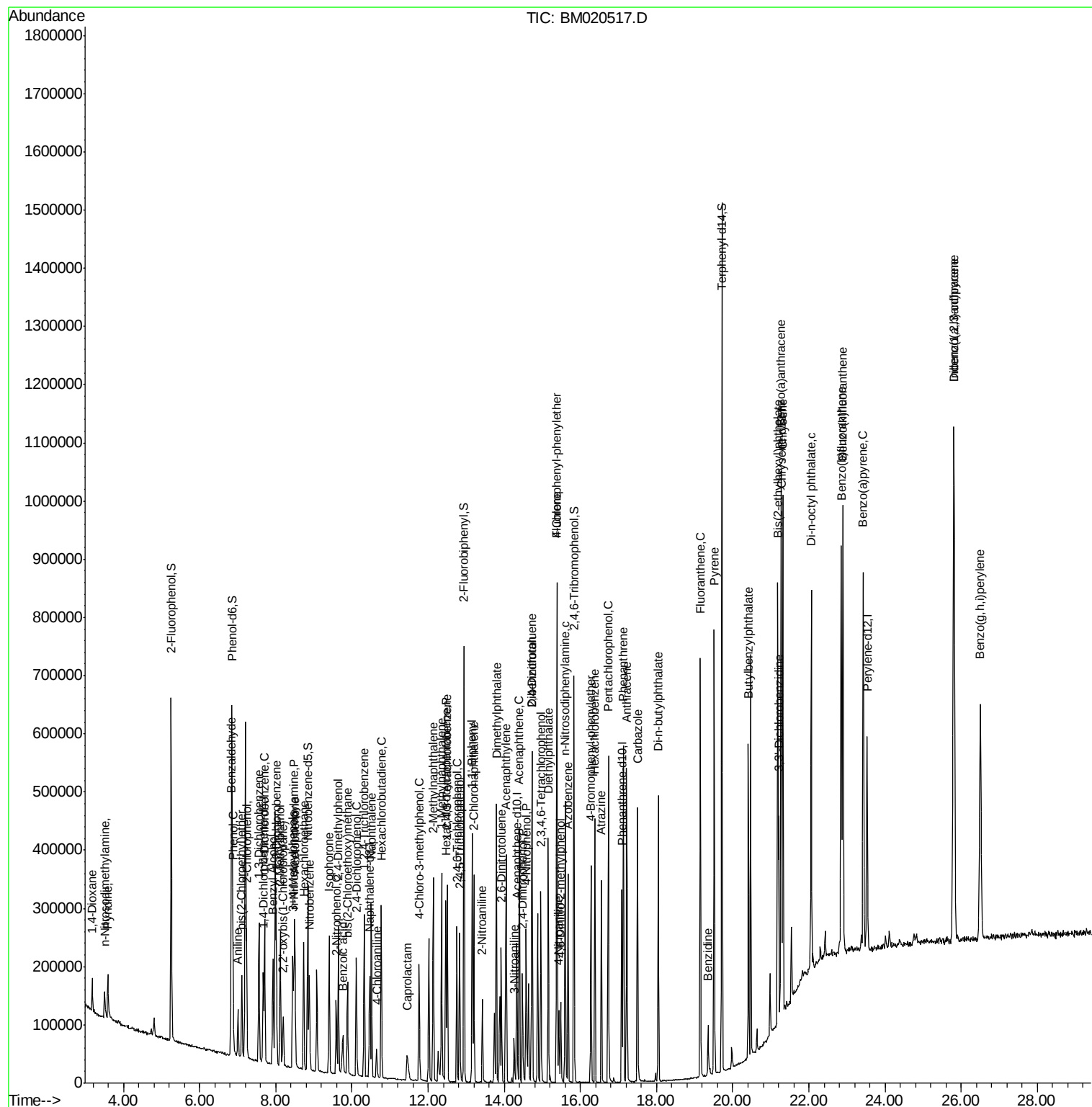
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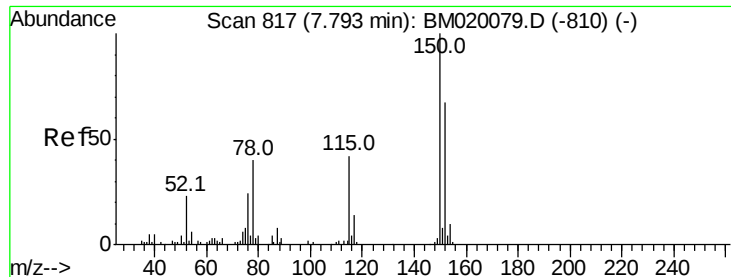
Instrument :
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#1

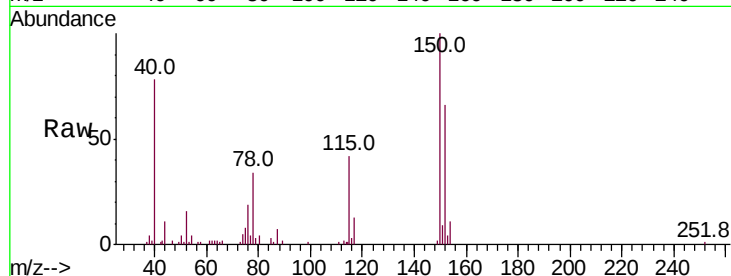
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.8	179.8
115	63.6	50.8	76.2

Manual Integrations
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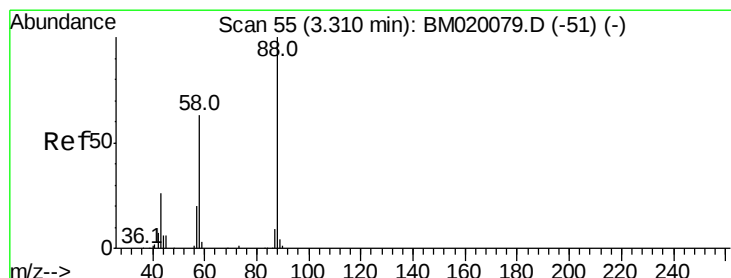
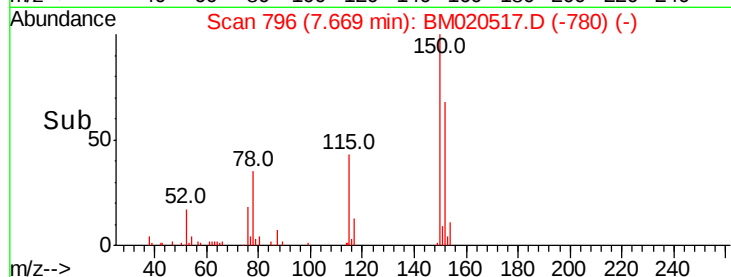
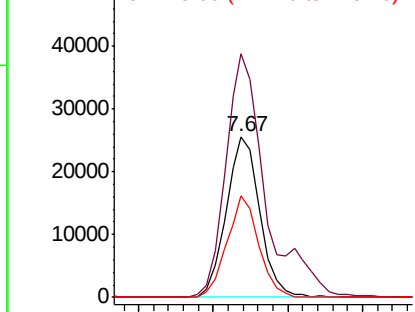


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

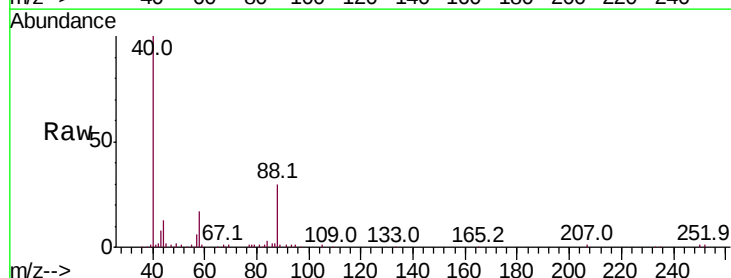
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.268 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	51.8	77.6
43	18.7	20.3	30.5#

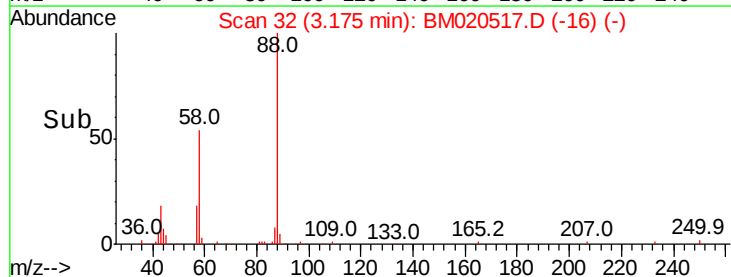
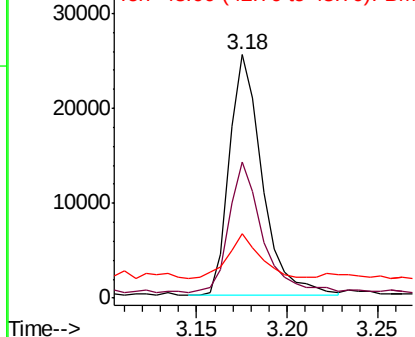


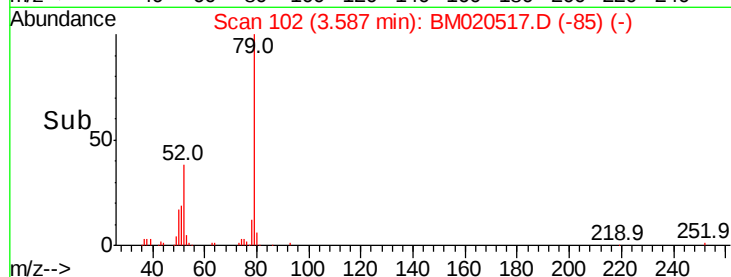
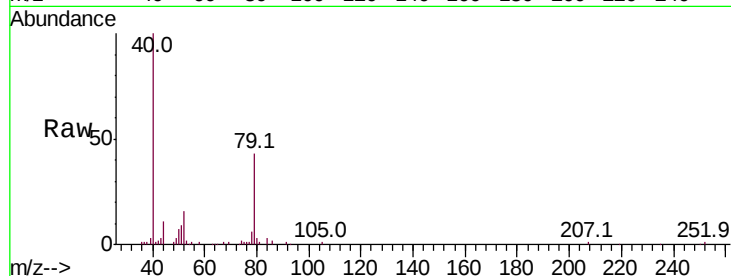
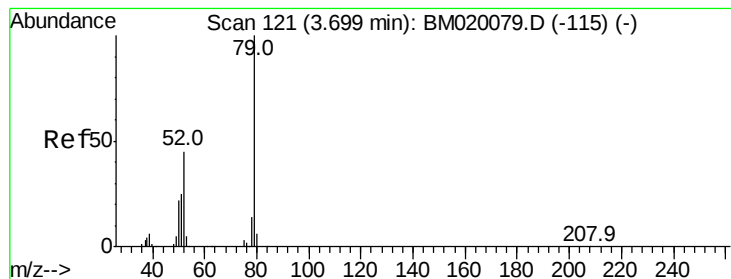
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 22.677 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tot Ion:	79	Resp:	70050
Ion Ratio	Lower	Upper	
79	100		
52	36.9	35.7	53.5
51	21.6	20.8	31.2

Instrument :

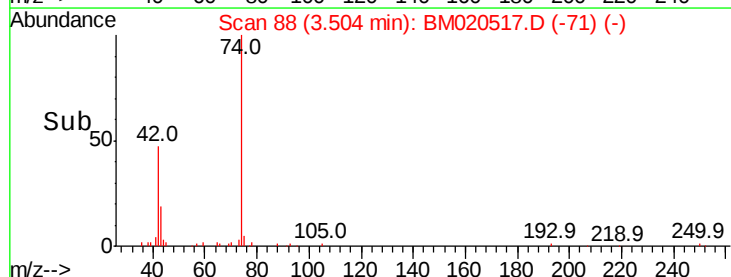
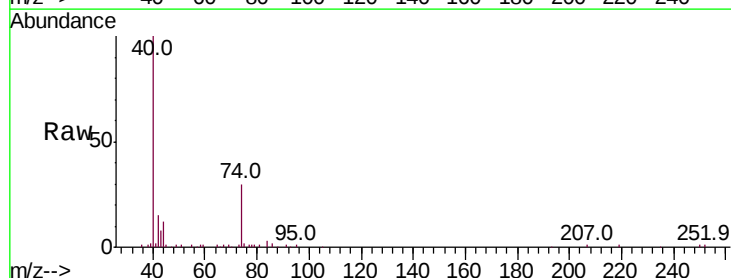
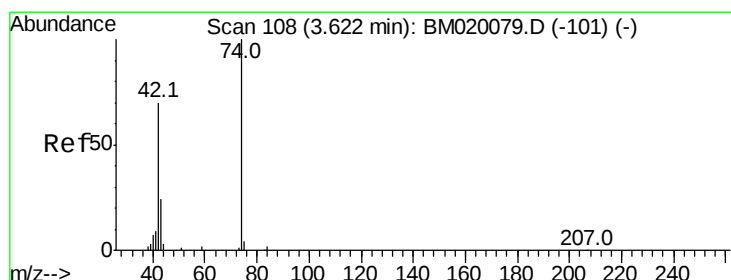
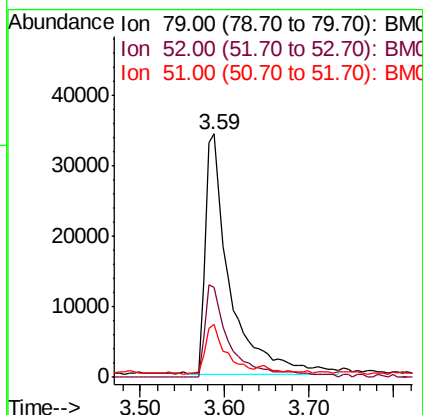
BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

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#4

n-Nitrosodimethylamine

Concen: 24.380 ng

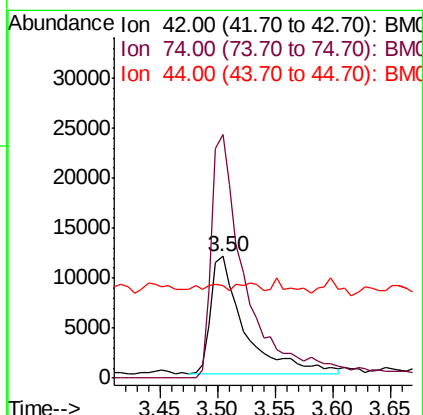
RT: 3.50 min Scan# 88

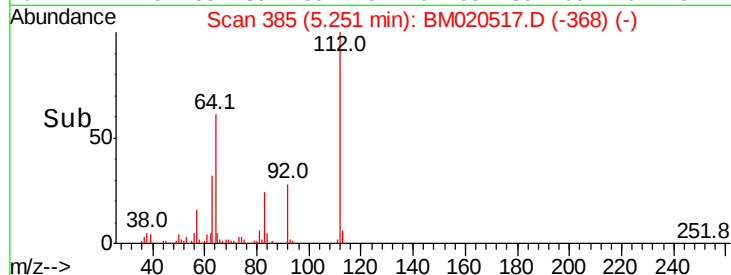
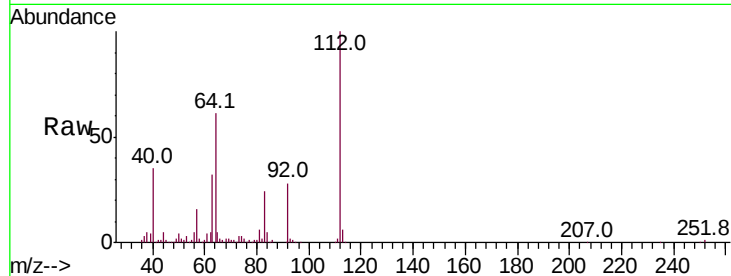
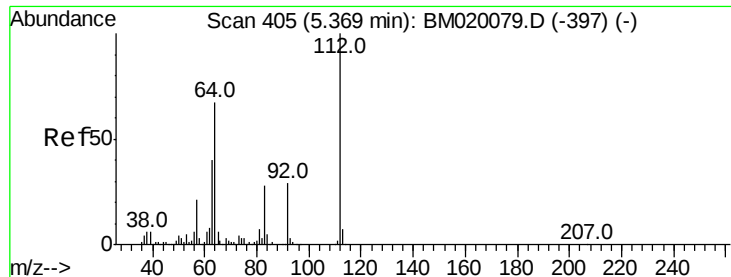
Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	42	Resp:	24149
Ion Ratio	Lower	Upper	
42	100		
74	200.3	113.7	170.5#
44	76.4	3.9	5.9#





#5

2-Fluorophenol

Concen: 96.814 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	238417		
64	61.0	53.8	80.6	
63	32.3	32.3	48.5	

Instrument :

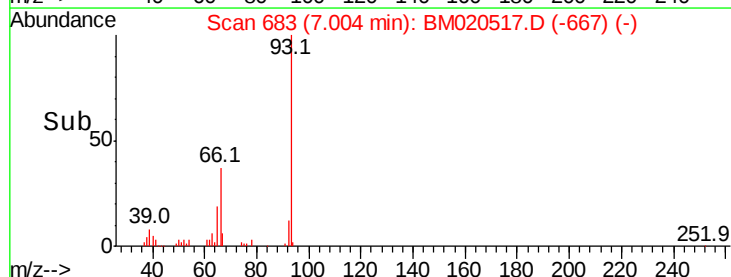
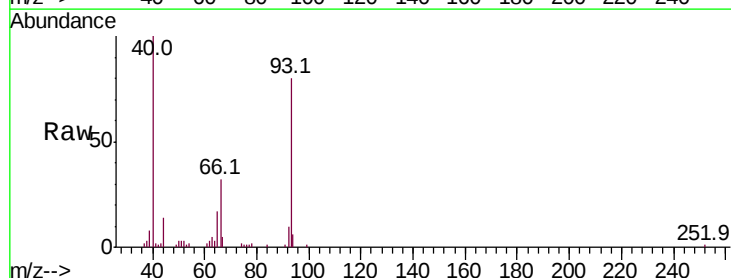
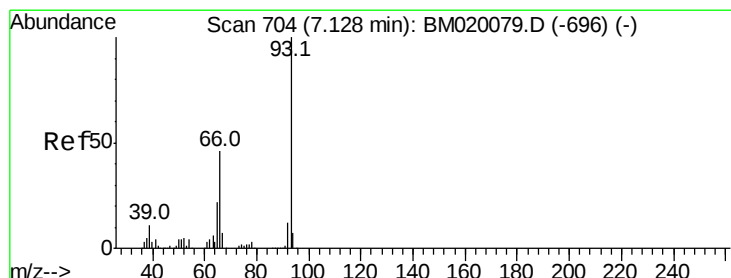
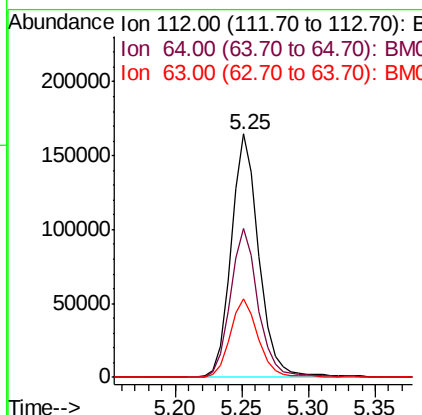
BNA_M

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#6

Aniline

Concen: 12.745 ng

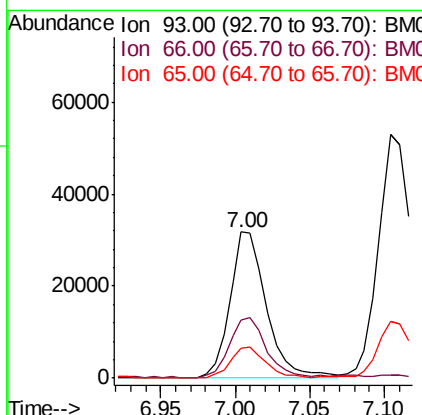
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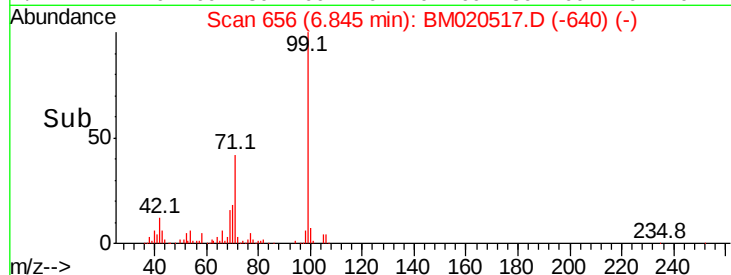
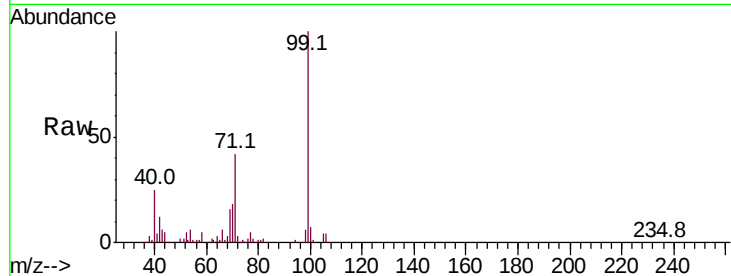
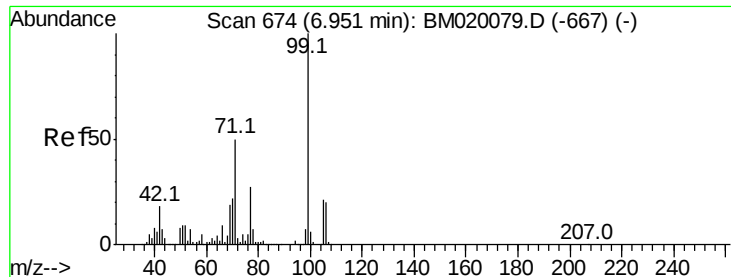
Delta R.T. -0.01 min

Lab File: BM020517.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	53975		
66	39.9	36.6	54.8	
65	20.7	17.8	26.6	





#7

Phenol-d6

Concen: 94.625 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tot Ion	99	Resp	318347
Ion Ratio	Lower	Upper	
99	100		
42	12.1	14.2	21.2#
71	42.1	40.3	60.5

Instrument :

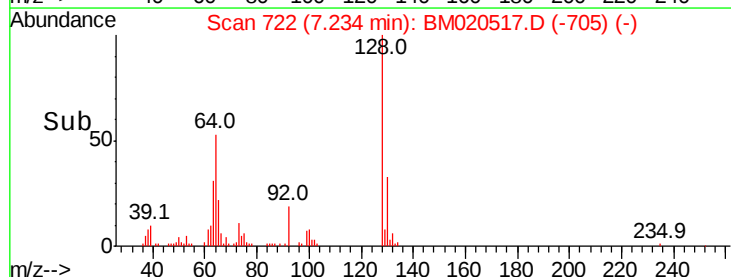
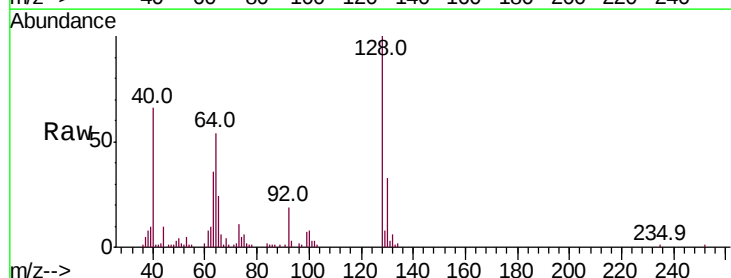
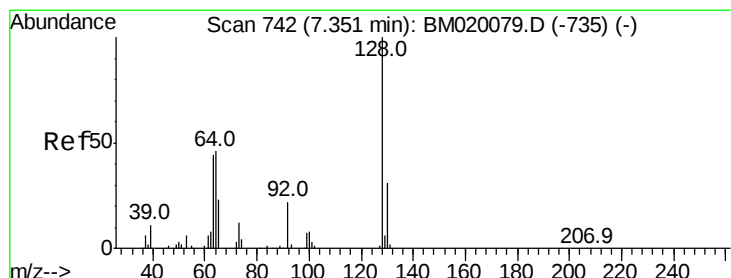
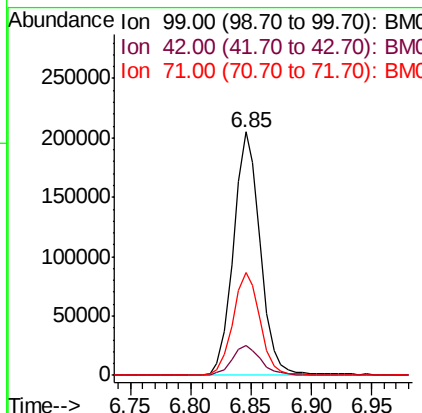
BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 30.595 ng

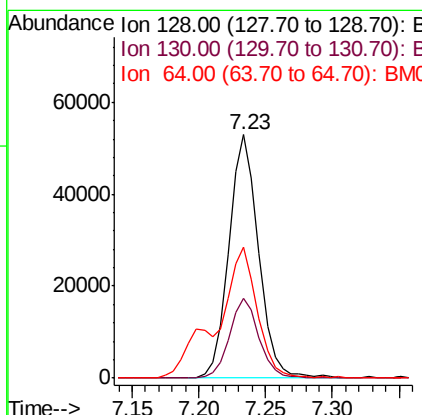
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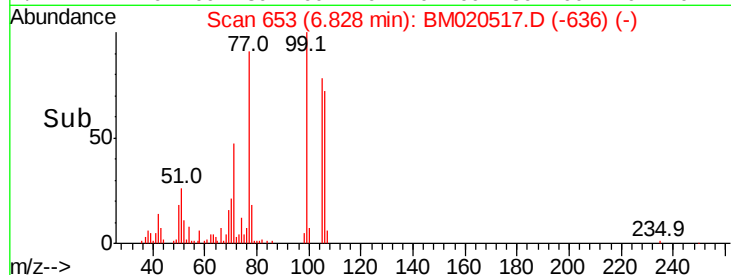
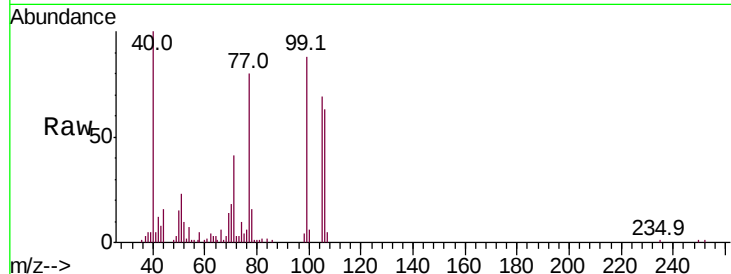
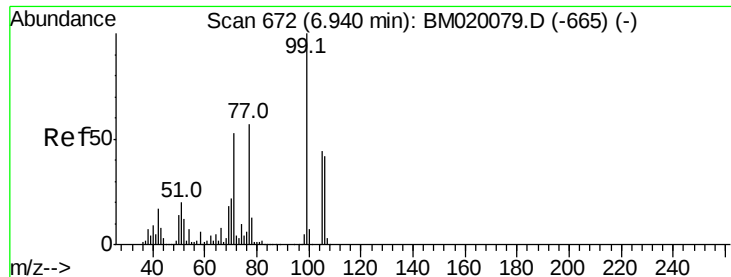
Delta R.T. 0.00 min

Lab File: BM020517.D

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Tgt Ion	128	Resp	82039
Ion Ratio	Lower	Upper	
128	100		
130	32.7	10.8	50.8
64	54.0	36.5	76.5





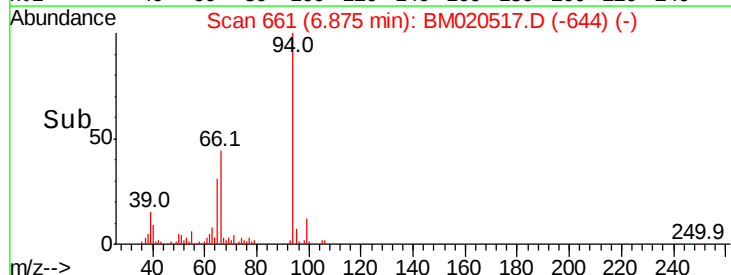
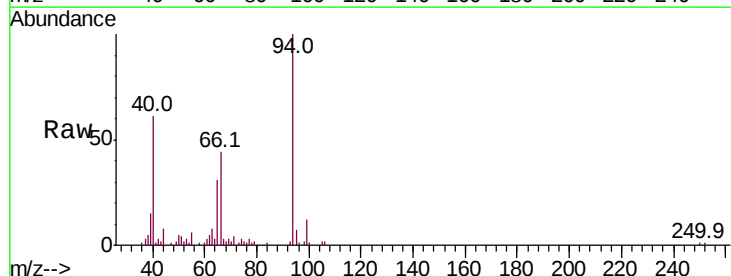
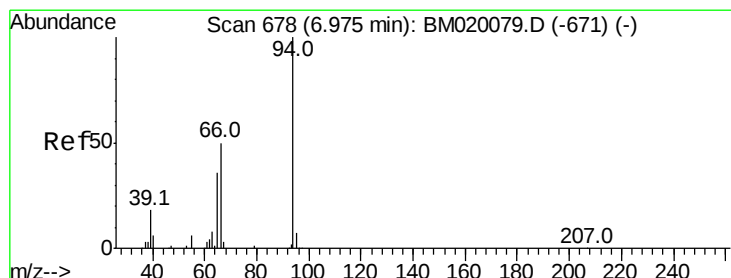
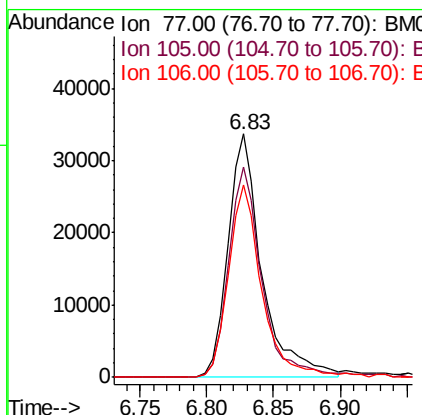
#9
Benzaldehyde
Concen: 23.574 ng
RT: 6.83 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.4	57.8	97.8
106	78.9	53.6	93.6

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

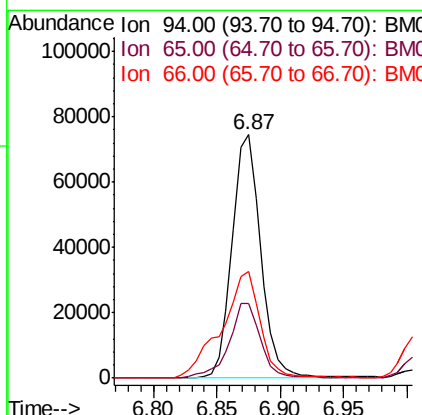
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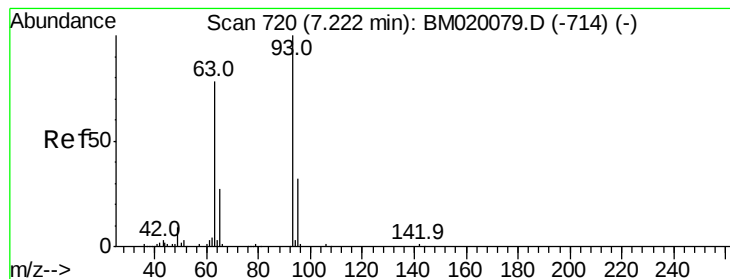
Sohil
5/24/2019 5:01:35 PM



#10
Phenol
Concen: 32.167 ng
RT: 6.87 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	17.0	57.0
66	43.9	34.5	74.5





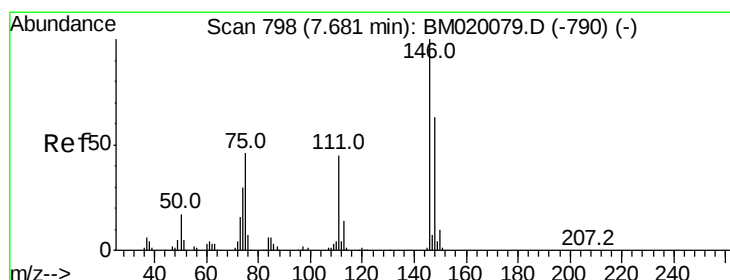
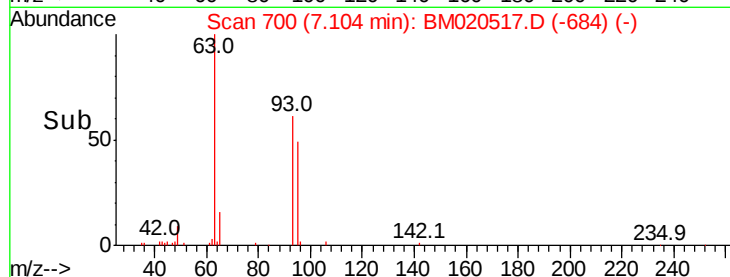
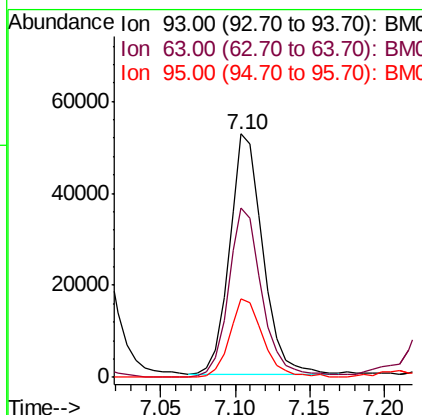
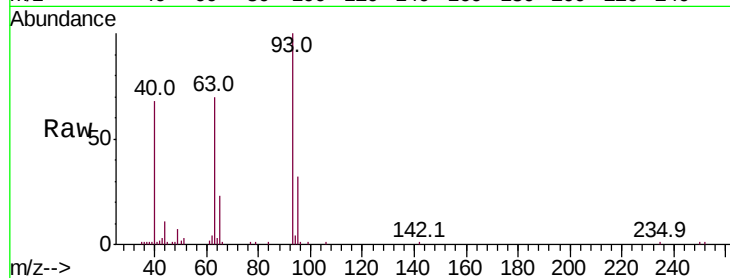
#11
bis(2-Chloroethyl)ether
Concen: 30.783 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	57.9	97.9
95	32.2	11.3	51.3

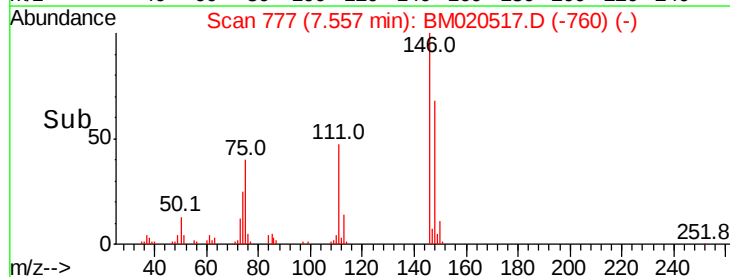
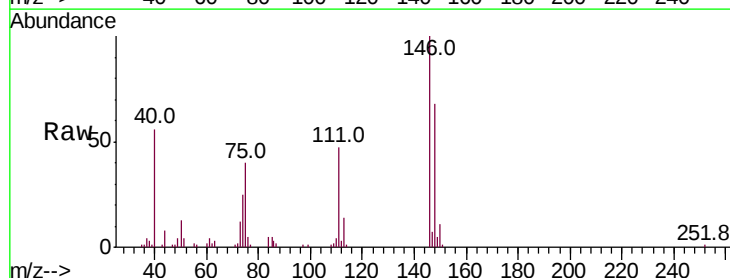
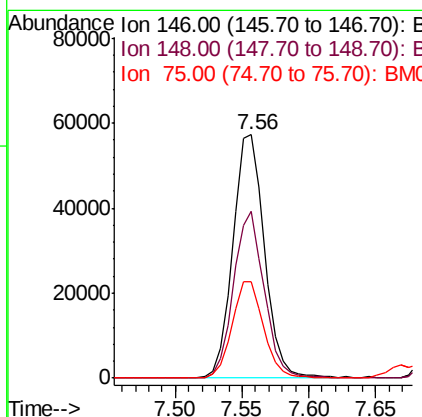
Manual Integrations
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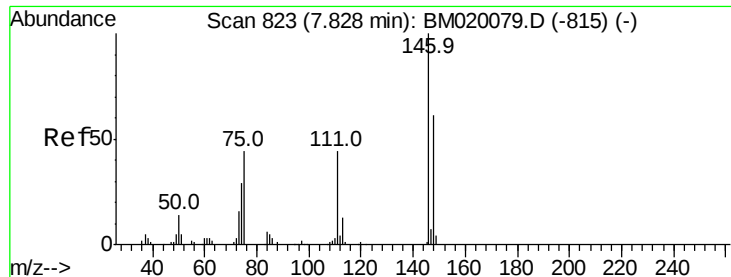
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.234 ng
RT: 7.56 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	50.1	75.1
75	39.7	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 31.203 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

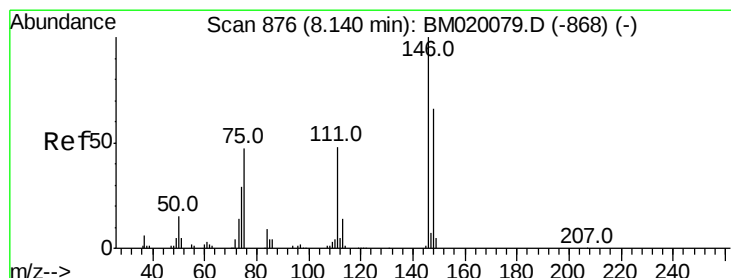
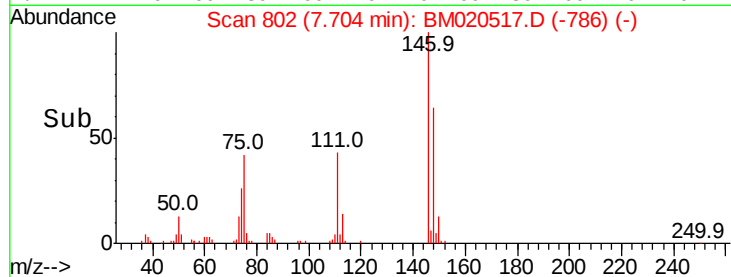
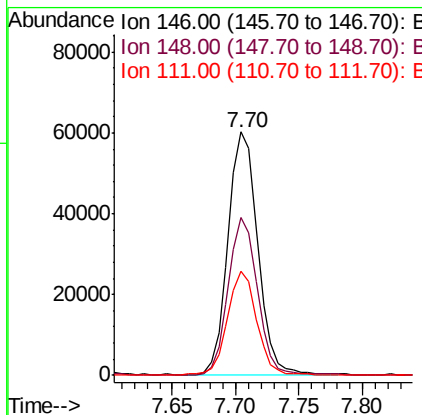
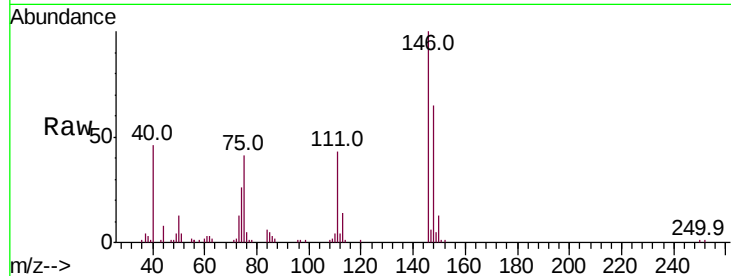
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:	146	Resp:	98339
Ion Ratio	Lower	Upper	
146	100		
148	64.7	48.5	72.7
111	42.6	35.7	53.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 30.975 ng

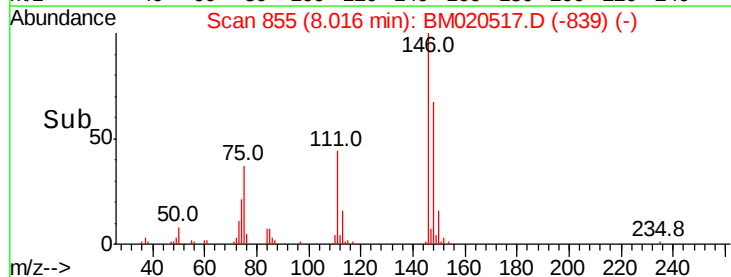
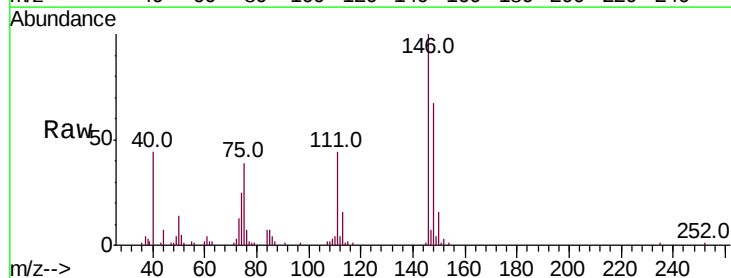
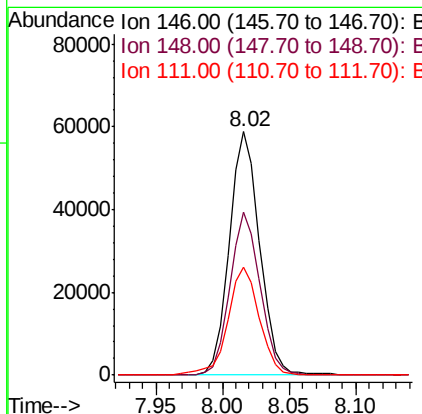
RT: 8.02 min Scan# 855

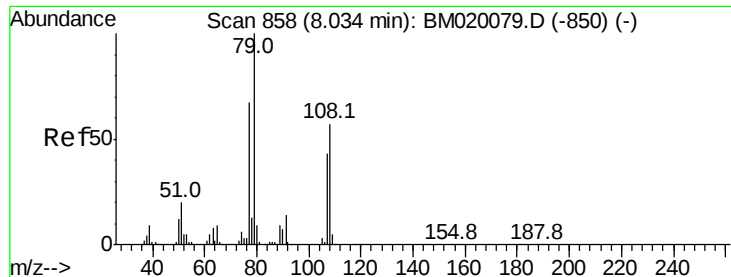
Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	146	Resp:	93007
Ion Ratio	Lower	Upper	
146	100		
148	67.1	52.6	79.0
111	44.3	39.0	58.4





#15

Benzyl Alcohol

Concen: 23.365 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

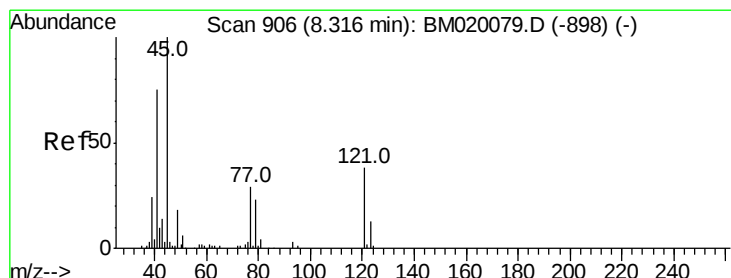
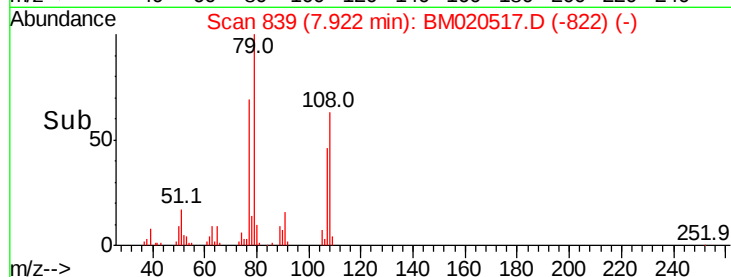
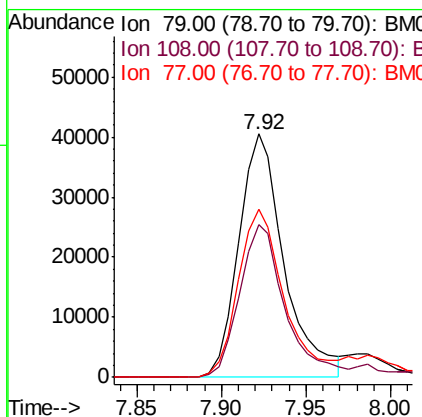
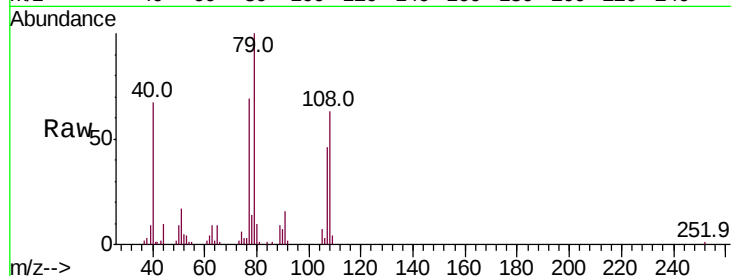
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:	79	Resp:	75797
Ion Ratio	Lower	Upper	
79	100		
108	62.9	46.0	69.0
77	69.1	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.728 ng

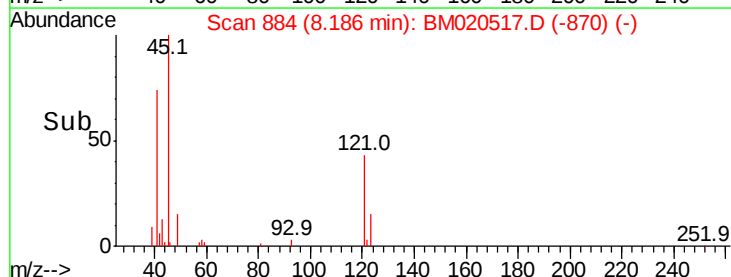
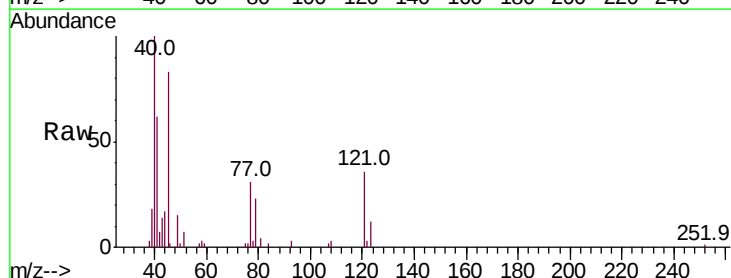
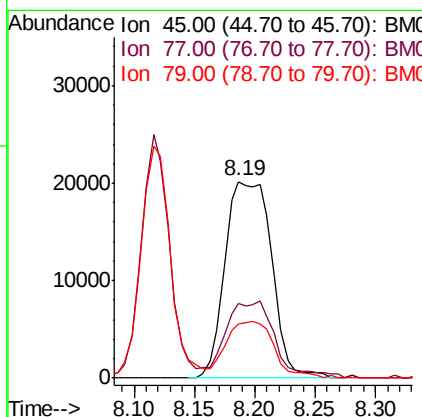
RT: 8.19 min Scan# 884

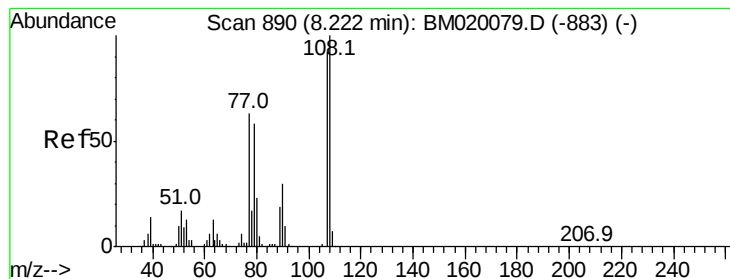
Delta R.T. -0.02 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	45	Resp:	53975
Ion Ratio	Lower	Upper	
45	100		
77	37.8	10.5	50.5
79	27.5	3.3	43.3





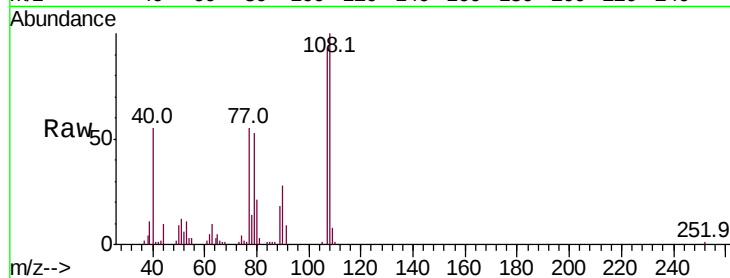
#17
2-Methylphenol
Concen: 29.887 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

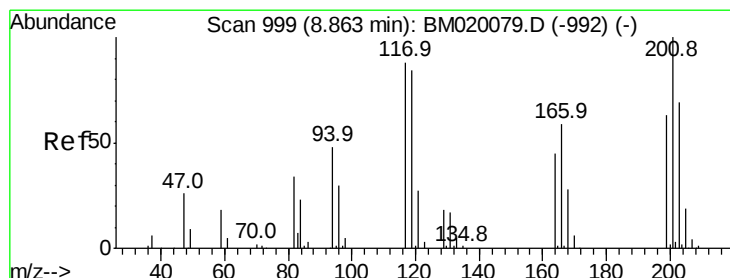
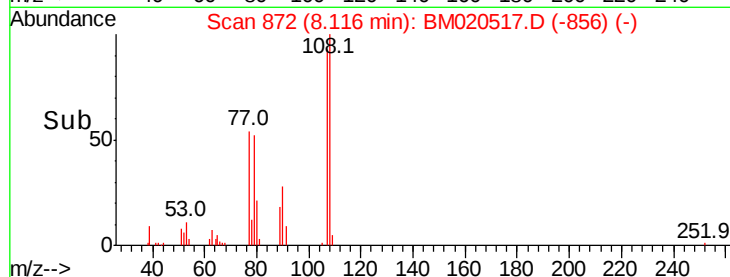
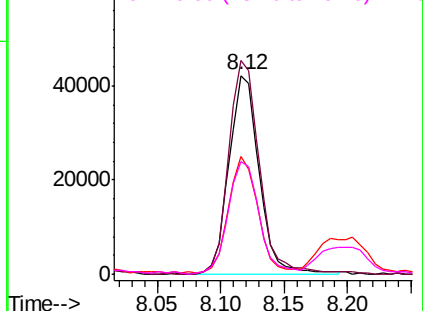
Tot Ion	107	Resp	69680
Ion Ratio	Lower	Upper	
107	100		
108	107.4	87.0	130.4
77	59.1	54.7	82.1
79	56.4	50.1	75.1

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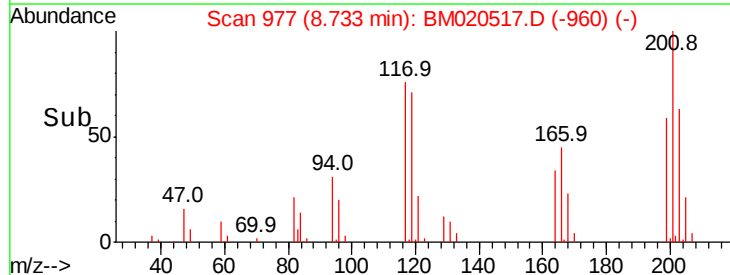
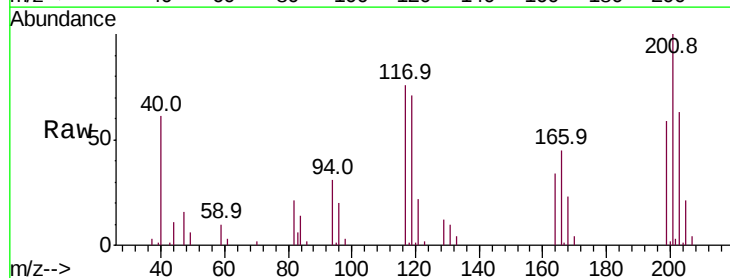
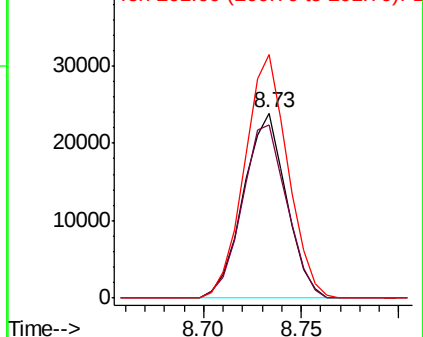
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

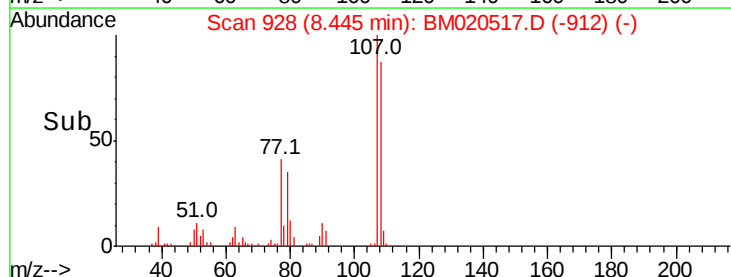
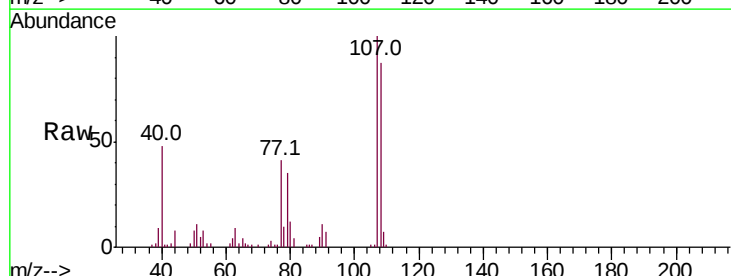
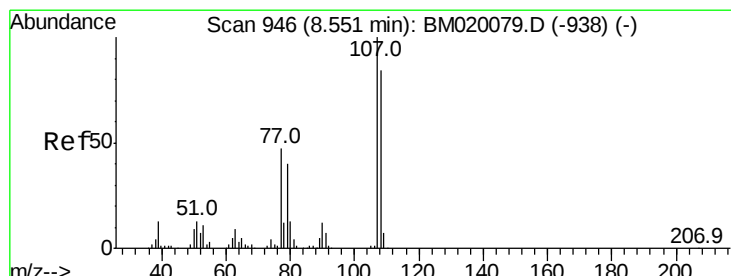
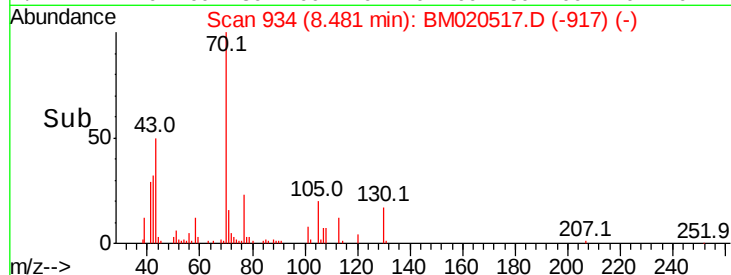
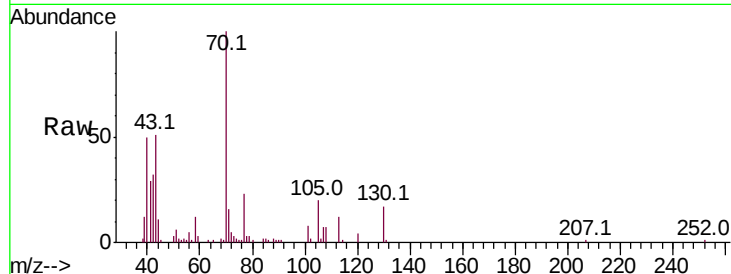
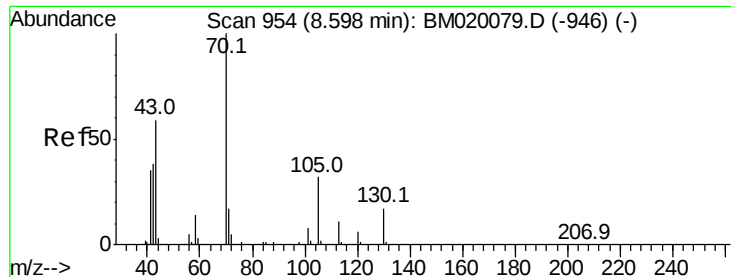


#18
Hexachloroethane
Concen: 27.546 ng
RT: 8.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	117	Resp	36199
Ion Ratio	Lower	Upper	
117	100		
119	93.4	76.6	114.8
201	131.6	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





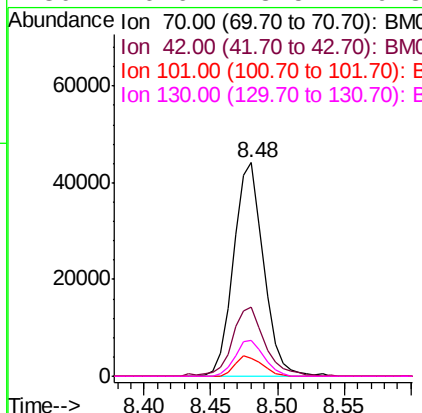
#19
n-Nitroso-di-n-propylamine
Concen: 24.031 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	32.4	31.0	46.4
101	8.4	6.2	9.2
130	16.6	13.5	20.3

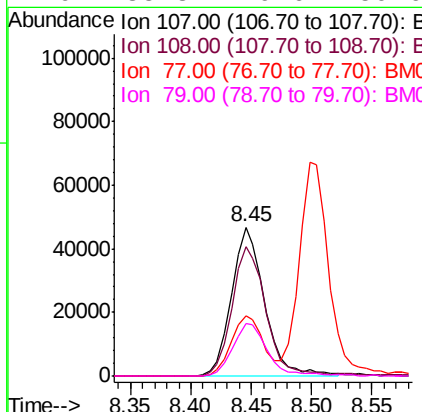
Manual Integrations
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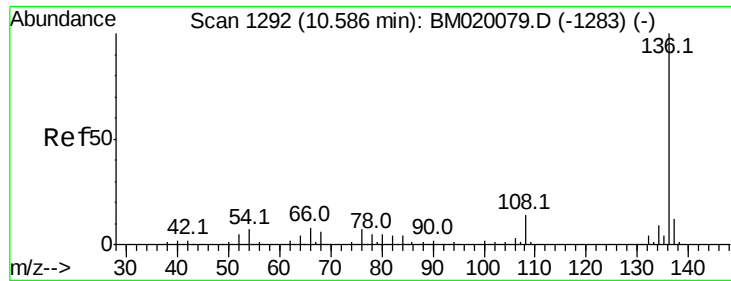
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5/24/2019 5:01:35 PM



#20
3+4-Methylphenols
Concen: 28.712 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	64.4	104.4
77	40.6	27.2	67.2
79	35.3	19.6	59.6





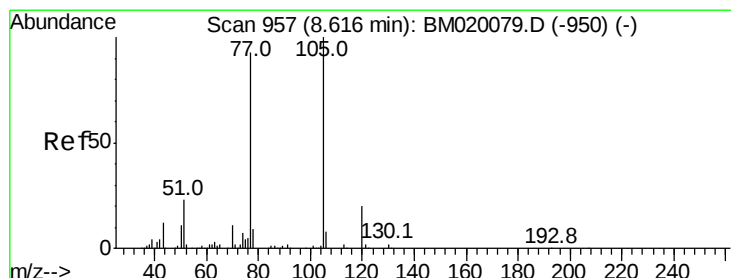
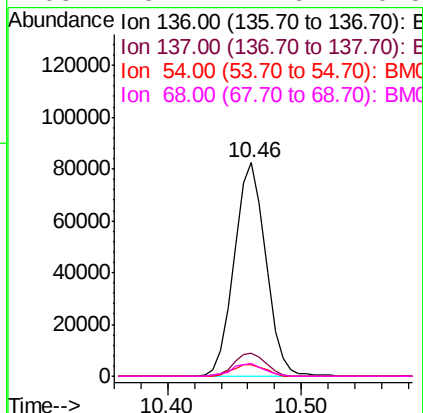
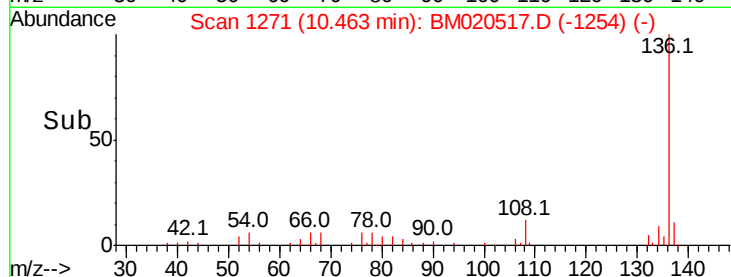
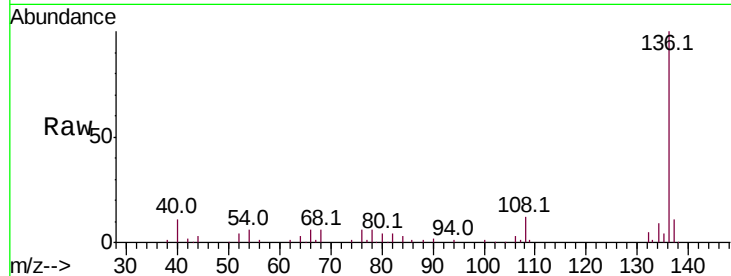
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	135544		
137	10.9		9.6	14.4
54	5.7		5.5	8.3
68	5.7		4.6	6.8

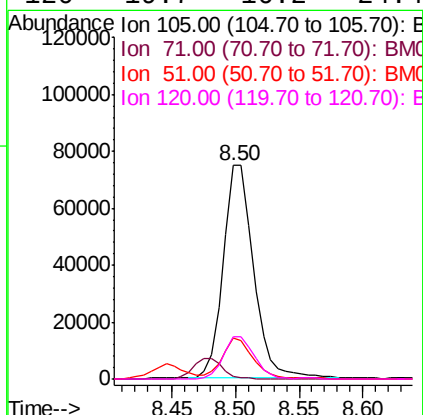
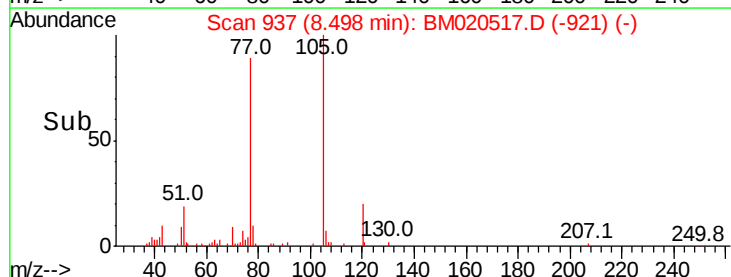
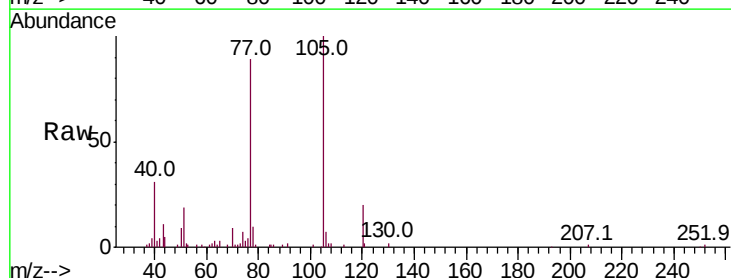
Manual Integrations
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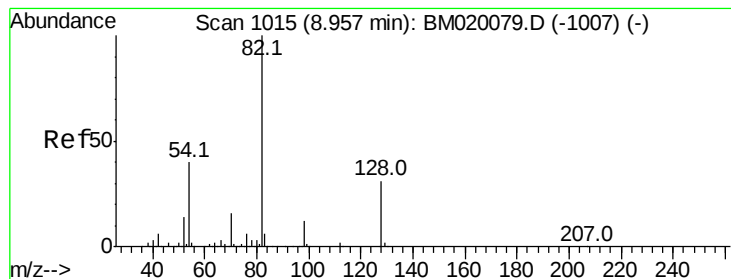
Sohil
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#22
Acetophenone
Concen: 33.591 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124435		
71	1.2		2.2	3.2#
51	19.1		19.3	28.9#
120	19.7		16.2	24.4





#23

Nitrobenzene-d5

Concen: 59.631 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

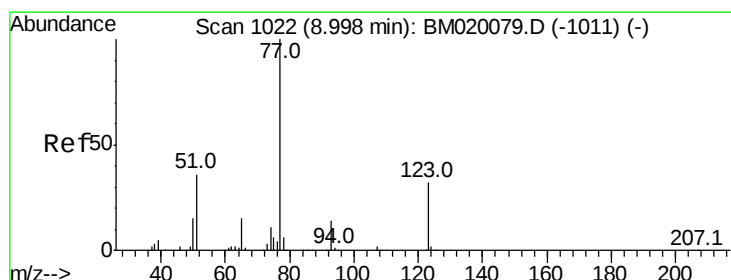
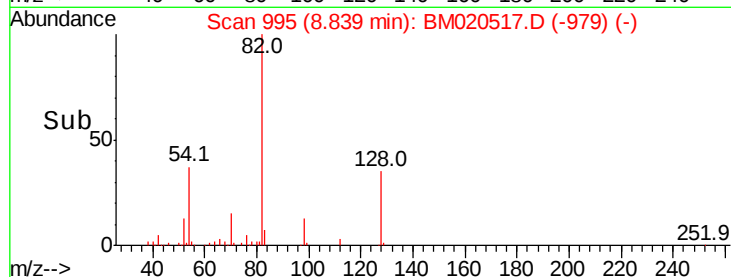
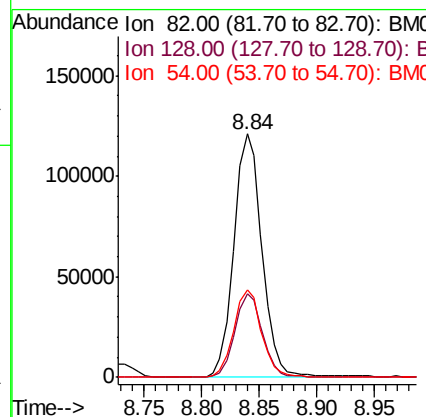
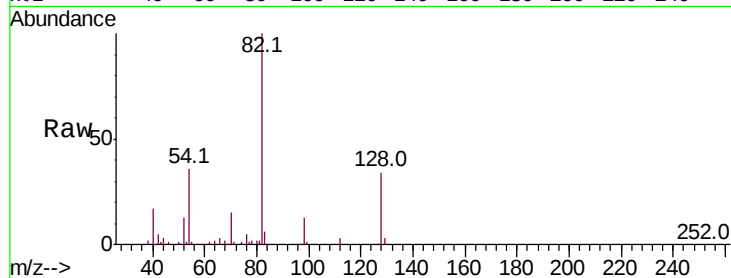
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion	82	Resp	204726
Ion Ratio	Lower	Upper	
82	100		
128	34.1	25.2	37.8
54	35.8	31.9	47.9

Manual Integrations
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#24

Nitrobenzene

Concen: 30.507 ng

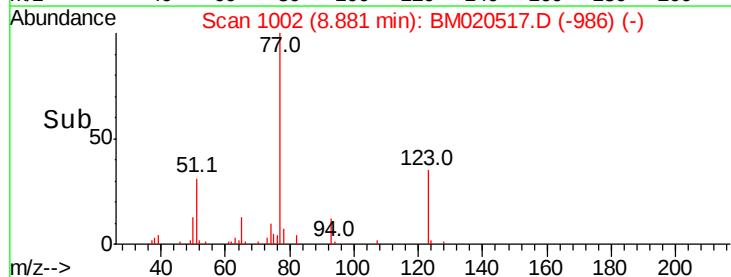
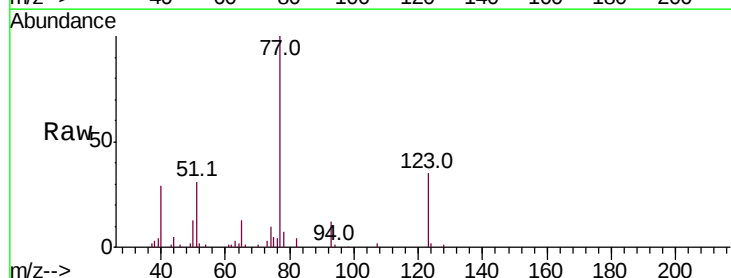
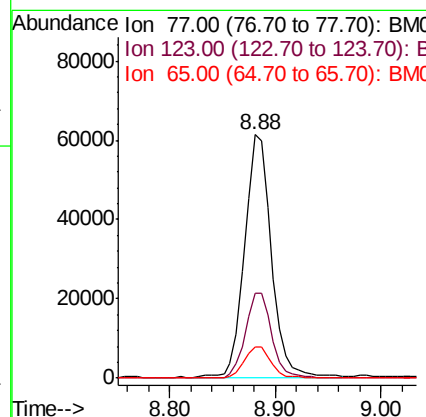
RT: 8.88 min Scan# 1002

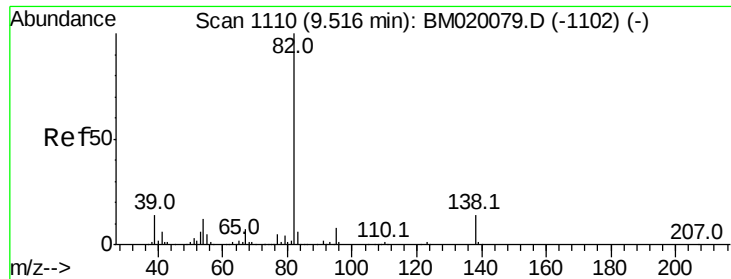
Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion	77	Resp	108594
Ion Ratio	Lower	Upper	
77	100		
123	34.9	25.5	38.3
65	12.8	11.8	17.6





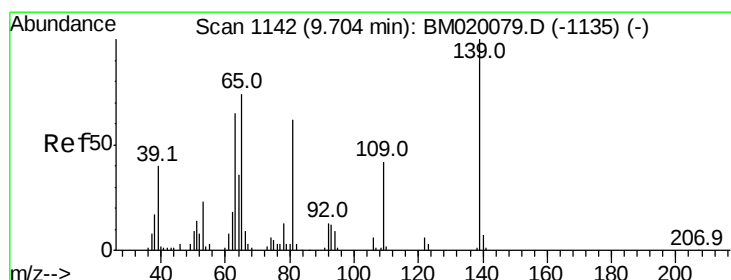
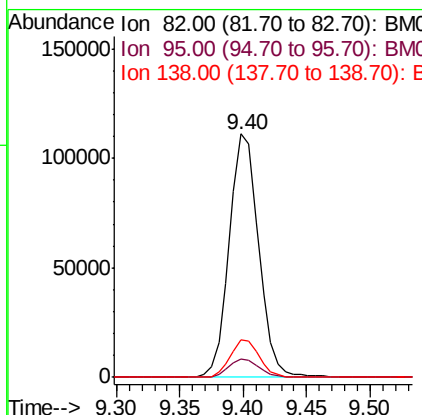
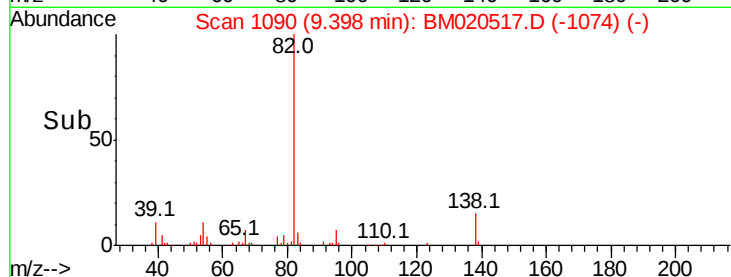
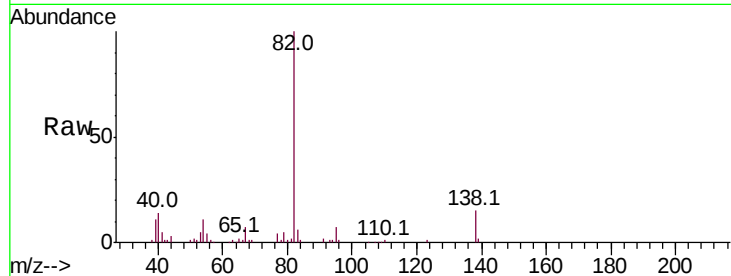
#25
Isophorone
Concen: 30.178 ng
RT: 9.40 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.4	9.6
138	15.2	11.1	16.7

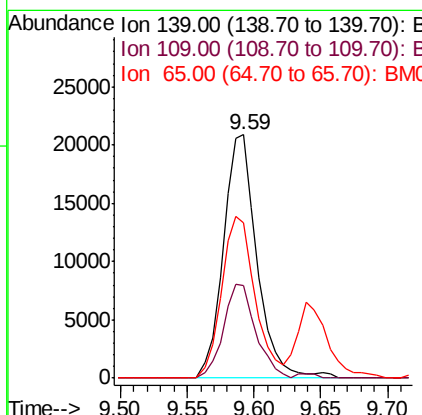
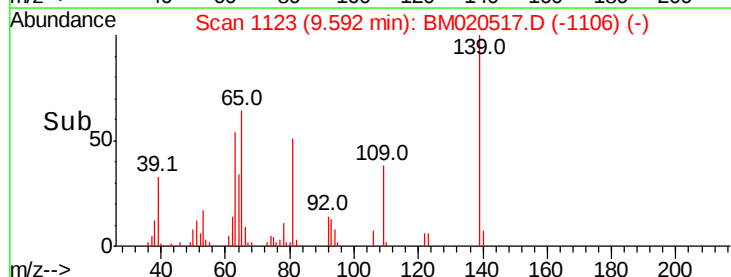
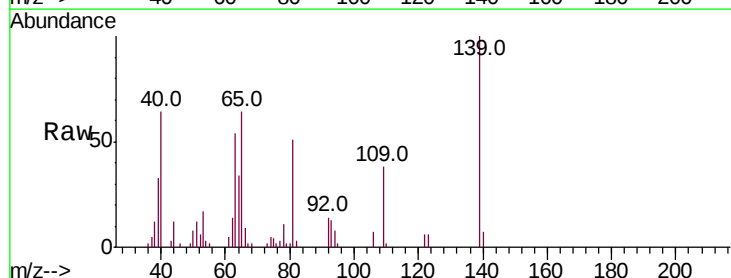
Manual Integrations
APPROVED

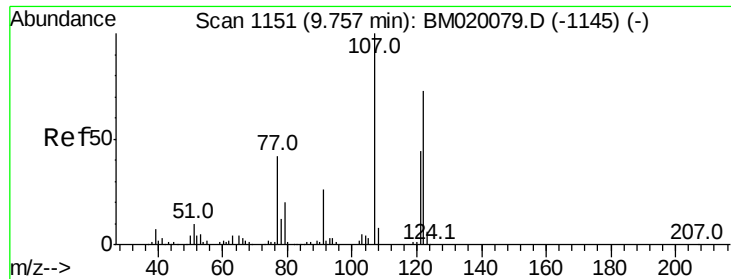
Sohil
5/24/2019 5:01:35 PM



#26
2-Nitrophenol
Concen: 34.208 ng
RT: 9.59 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.0	33.7	50.5
65	63.8	59.5	89.3





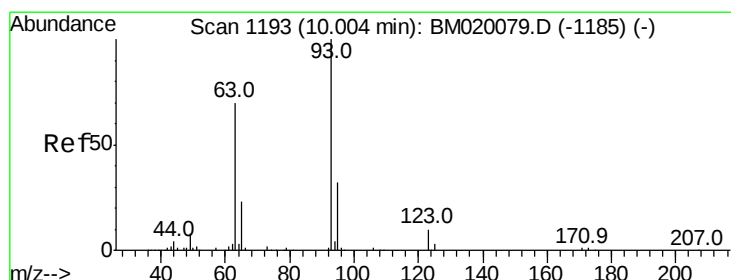
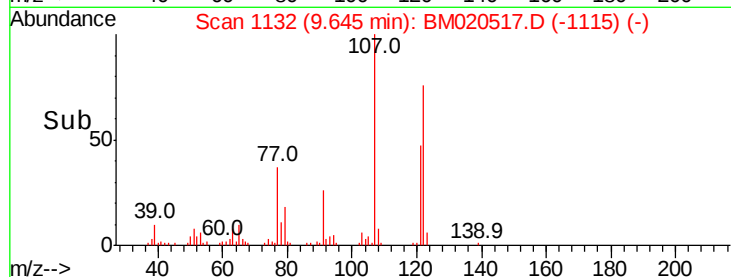
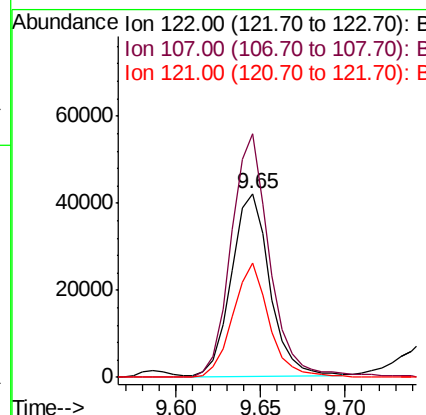
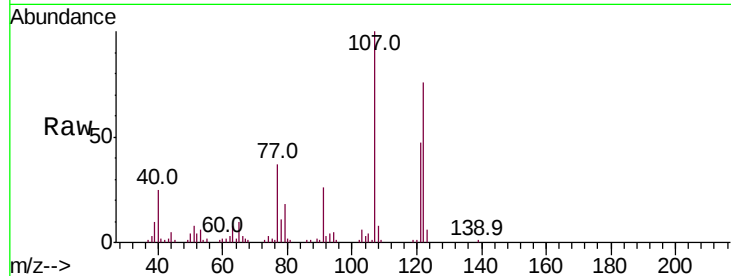
#27
2,4-Dimethylphenol
Concen: 36.984 ng
RT: 9.65 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.3	108.6	162.8
121	62.4	47.4	71.2

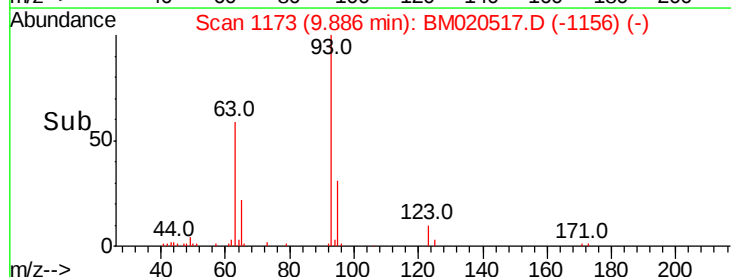
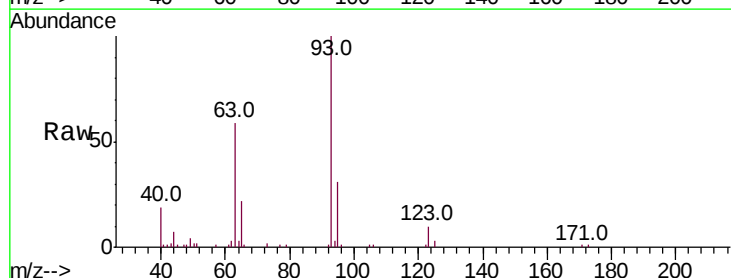
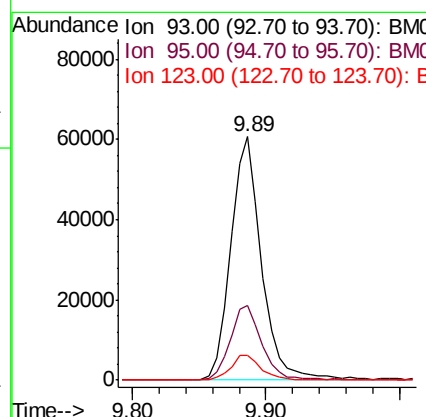
Manual Integrations
APPROVED

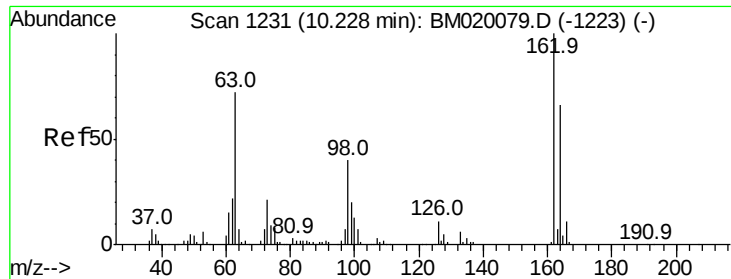
Sohil
5/24/2019 5:01:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 30.141 ng
RT: 9.89 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.5	38.3
123	10.3	7.6	11.4





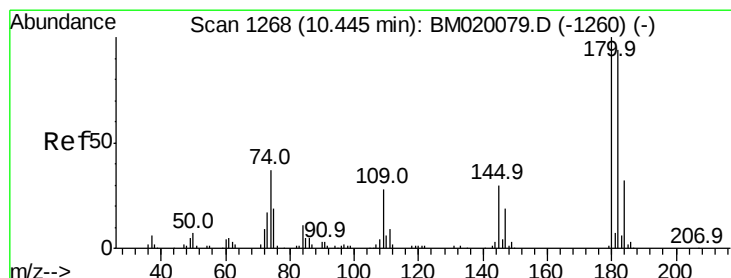
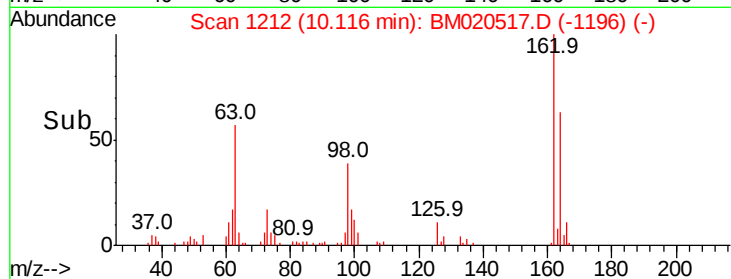
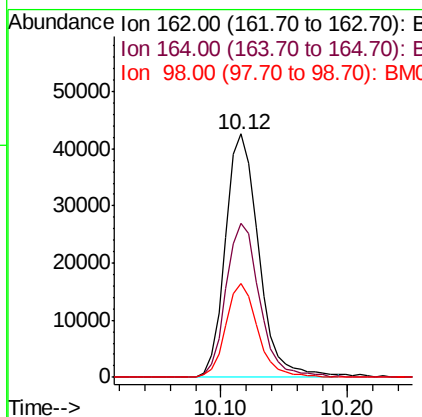
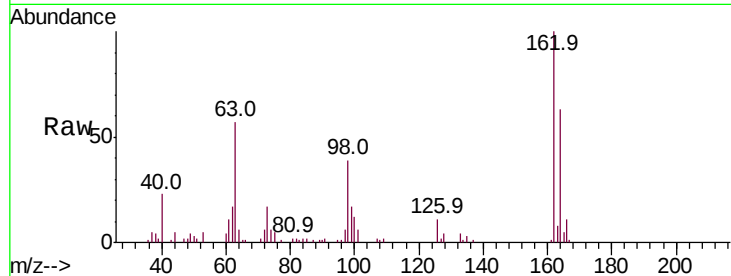
#29
2,4-Dichlorophenol
Concen: 34.427 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.6	85.6
98	38.6	20.4	60.4

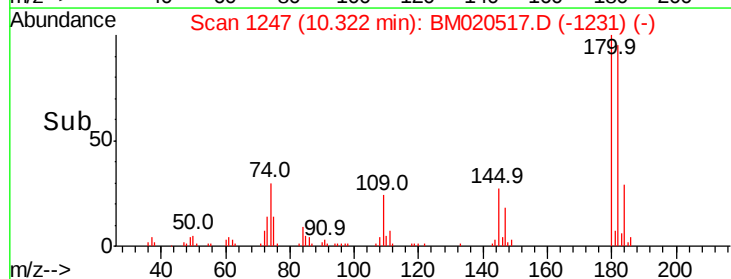
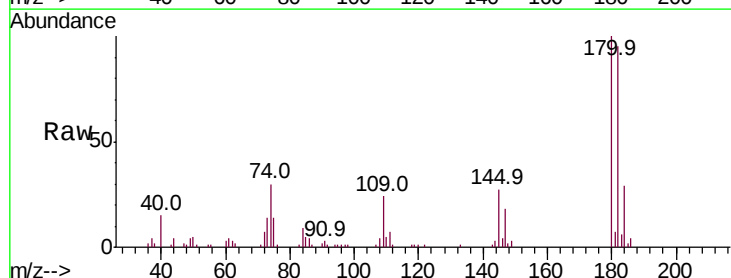
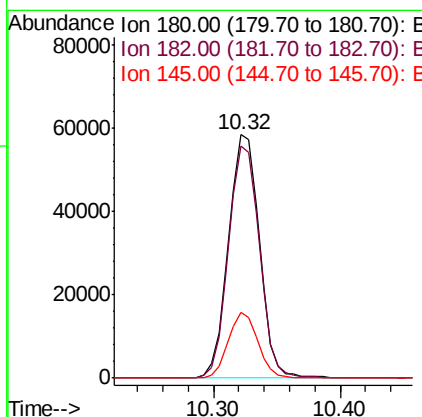
Manual Integrations
APPROVED

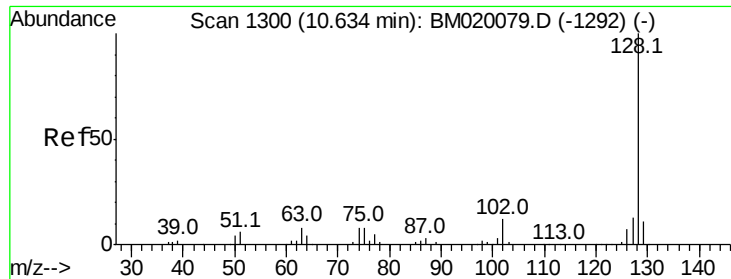
Sohil
5/24/2019 5:01:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.488 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
145	27.2	23.8	35.8





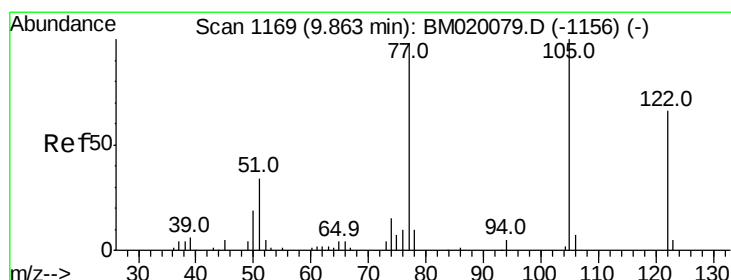
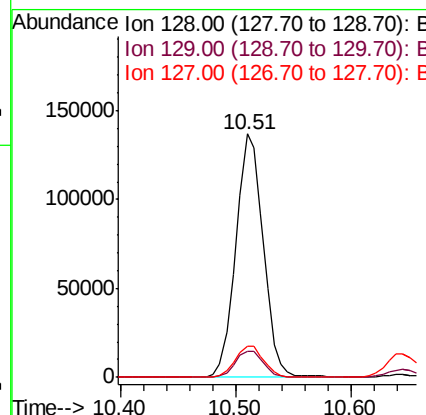
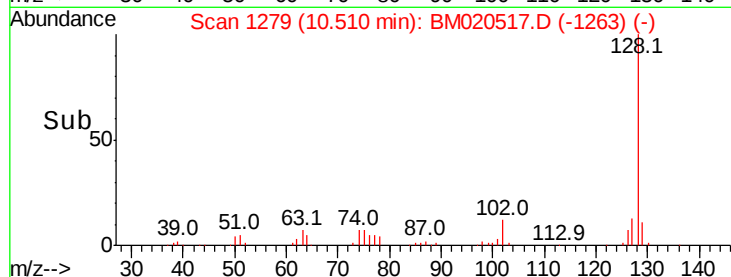
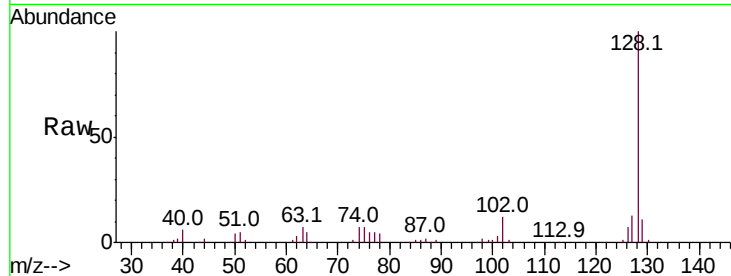
#31
Naphthalene
Concen: 32.075 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.8	10.4	15.6

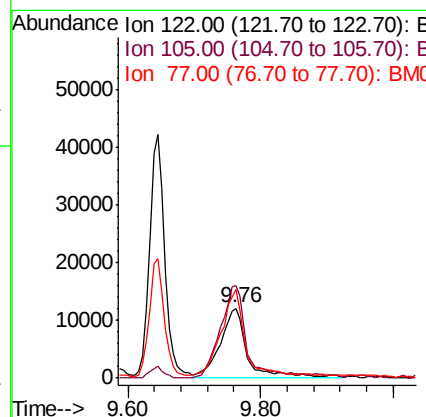
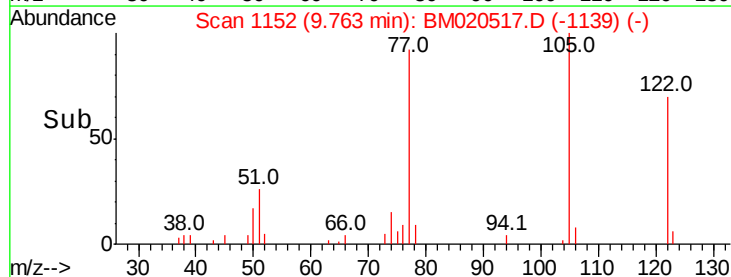
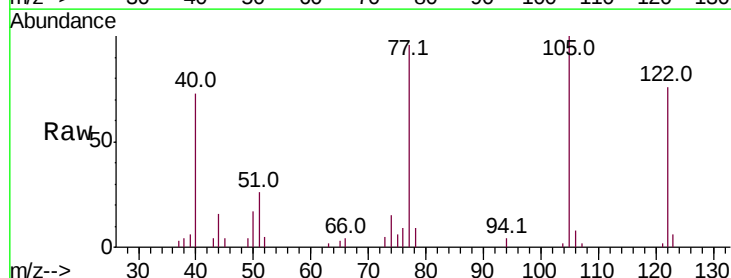
Manual Integrations
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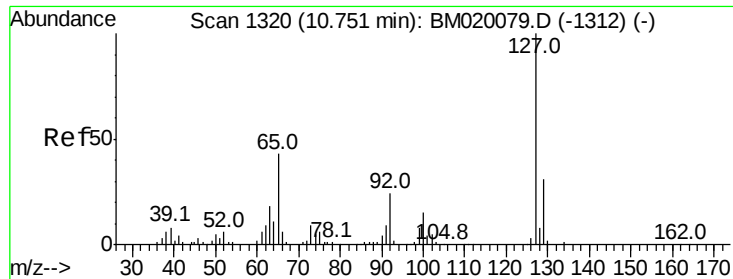
Sohil
5/24/2019 5:01:35 PM



#32
Benzoic acid
Concen: 30.375 ng m
RT: 9.76 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	122.5	162.5
77	126.6	123.3	163.3





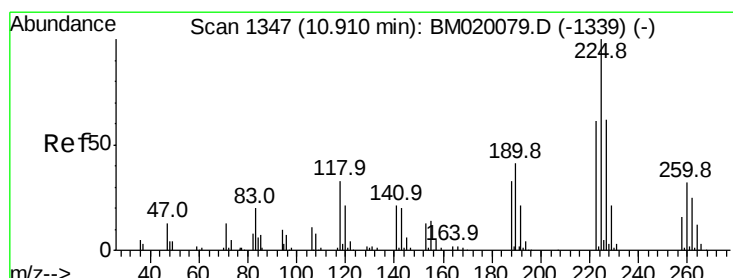
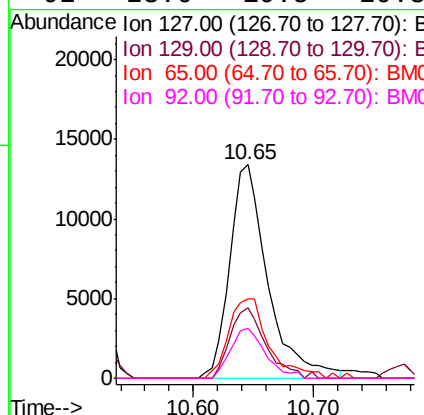
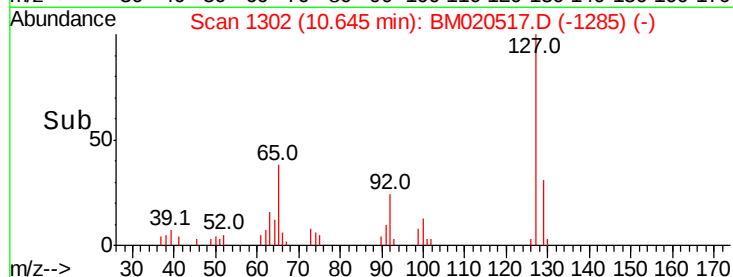
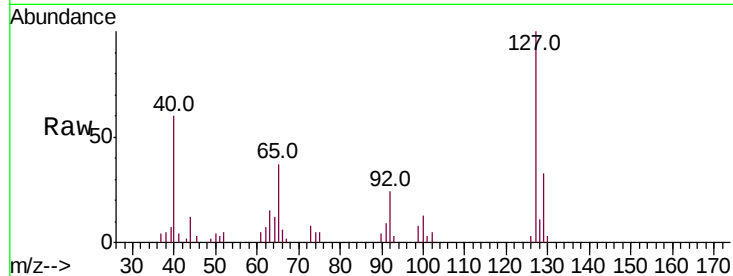
#33
4-Chloroaniline
Concen: 10.136 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Instrument :
BNA_M
ClientSampled :
FESB-16(2.4-2.9)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.7	37.1
65	36.9	34.6	52.0
92	23.6	19.5	29.3

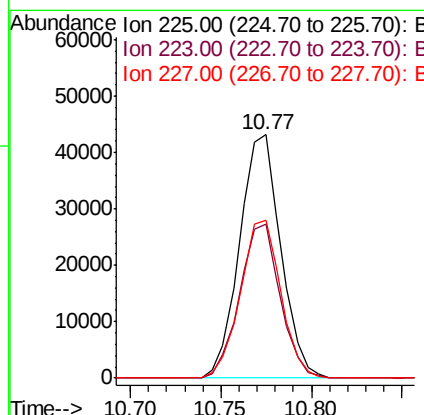
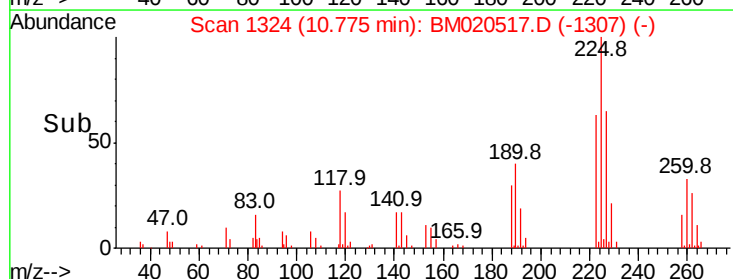
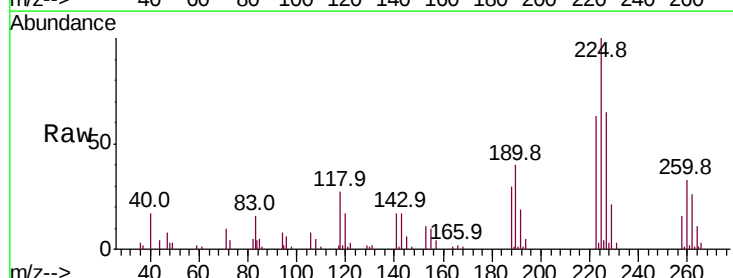
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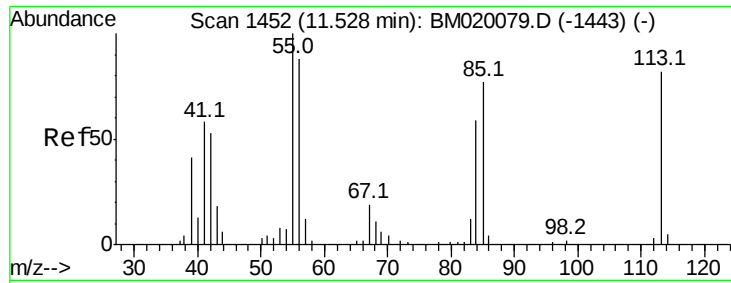
Sohil
5/24/2019 5:01:35 PM



#34
Hexachlorobutadiene
Concen: 34.605 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.9	73.3
227	64.9	49.6	74.4





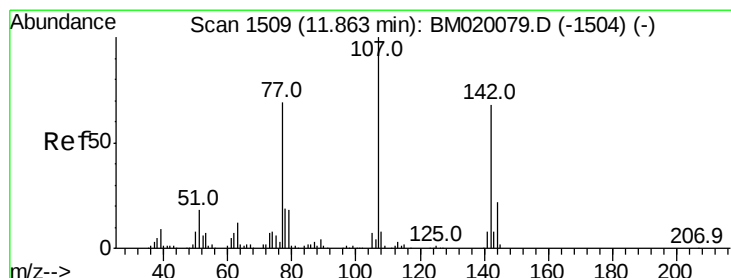
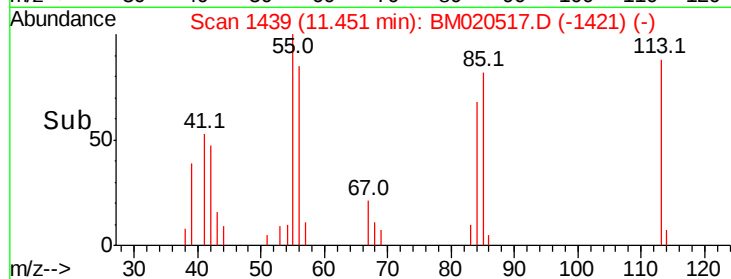
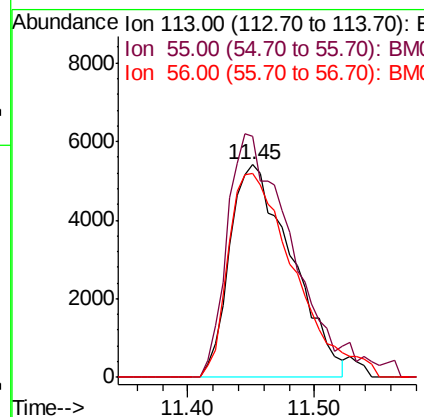
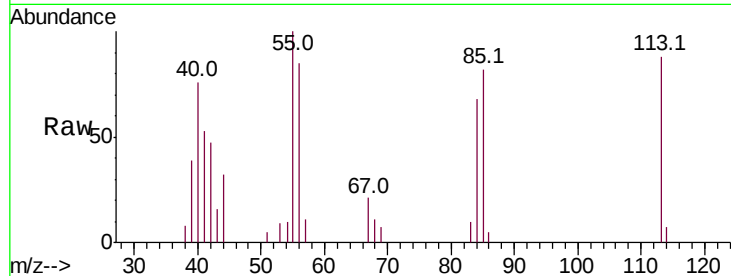
#35
 Caprolactam
 Concen: 27.190 ng
 RT: 11.45 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		18342		
55	113.2	102.5	142.5		
56	95.9	87.7	127.7		

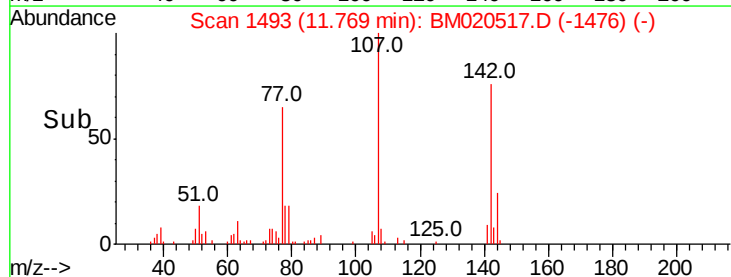
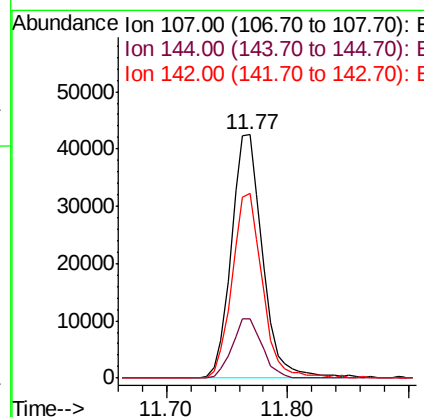
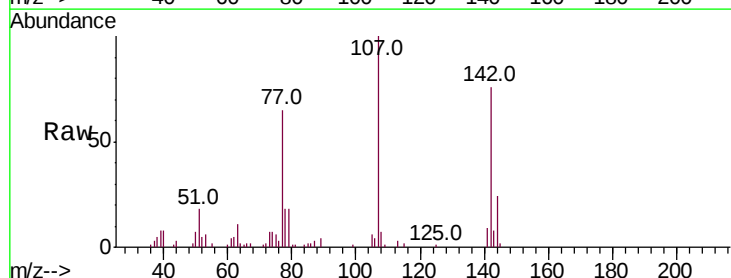
Manual Integrations
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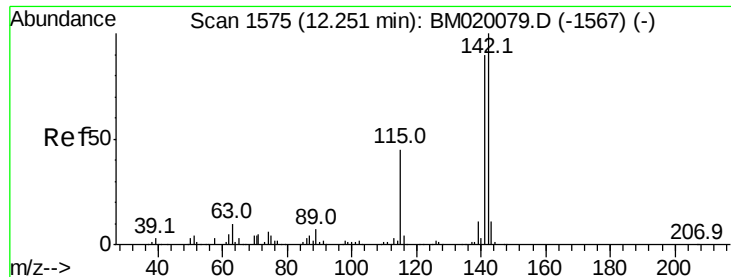
Sohil
 5/24/2019 5:01:35 PM



#36
 4-Chloro-3-methylphenol
 Concen: 28.892 ng
 RT: 11.77 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		76600		
144	24.2	17.6	26.4		
142	76.1	54.6	82.0		





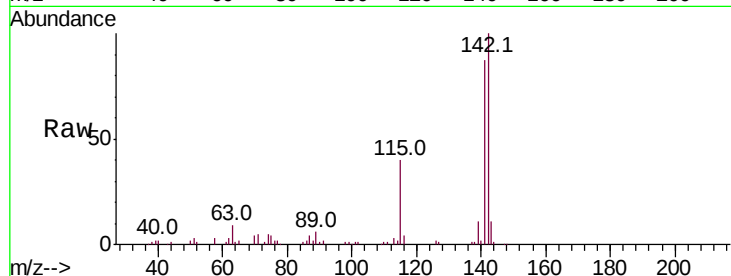
#37
2-Methylnaphthalene
Concen: 31.618 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4
115	39.8	35.8	53.6

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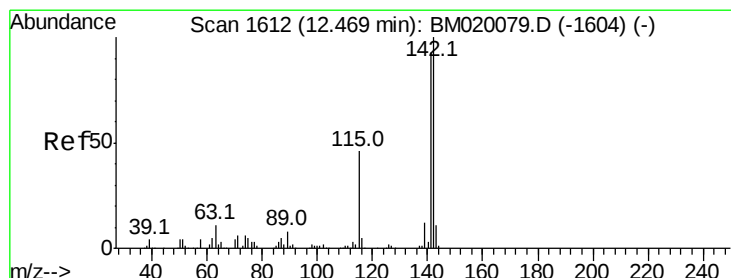
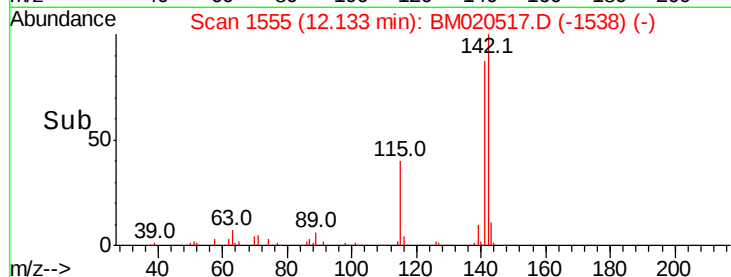
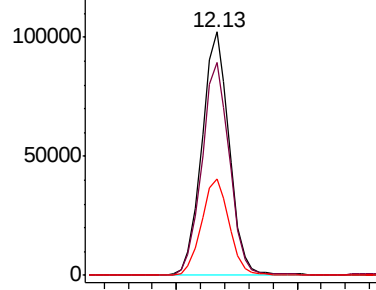


Abundance

Ion 142.00 (141.70 to 142.70): E

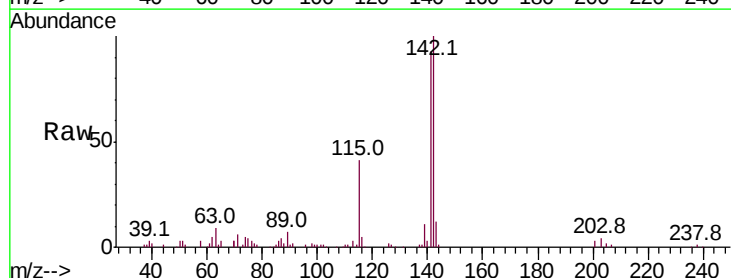
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 30.645 ng
RT: 12.35 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.8	112.2
116	4.5	3.9	5.9

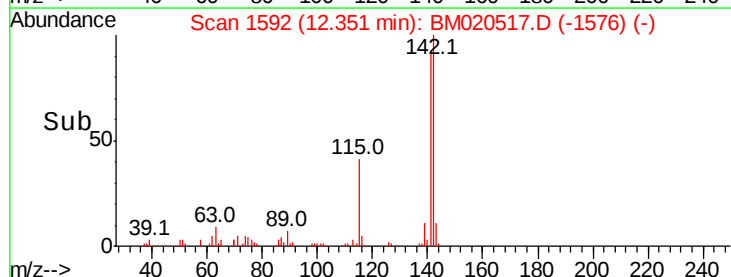
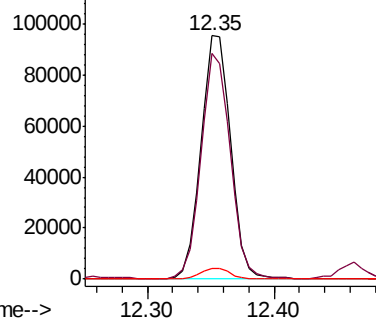


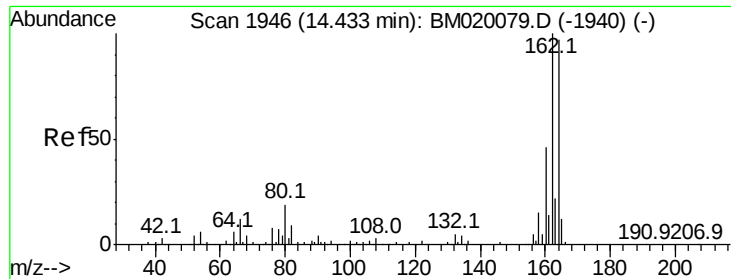
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:164 Resp: 79079

Ion Ratio Lower Upper

164 100

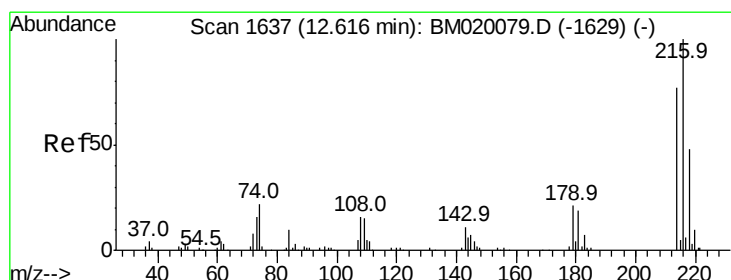
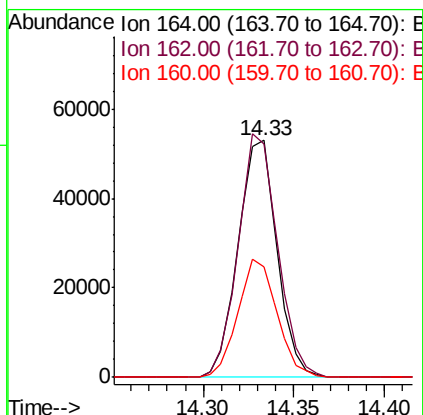
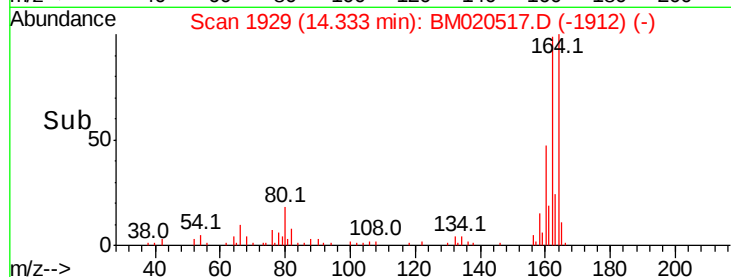
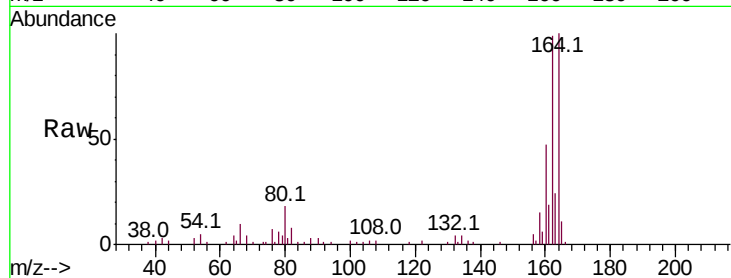
162 98.9 82.2 123.2

160 46.9 37.6 56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.769 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:216 Resp: 116853

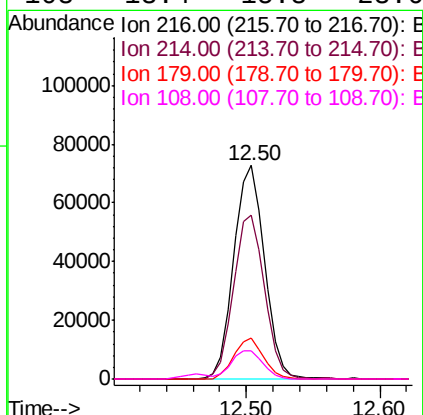
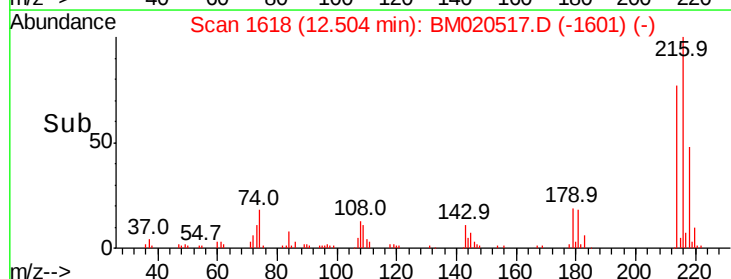
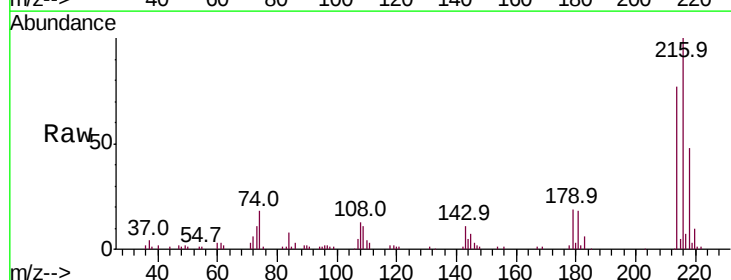
Ion Ratio Lower Upper

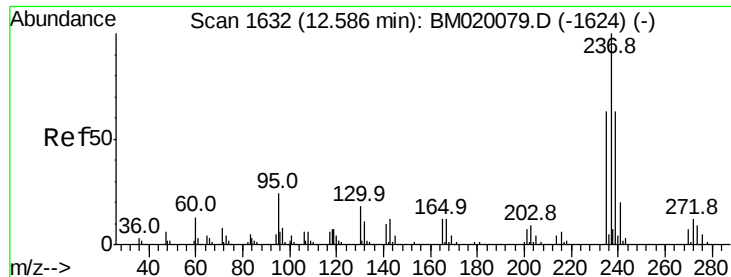
216 100

214 77.0 62.6 94.0

179 18.5 17.1 25.7

108 13.4 15.8 23.6#





#41

Hexachlorocyclopentadiene

Concen: 48.592 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

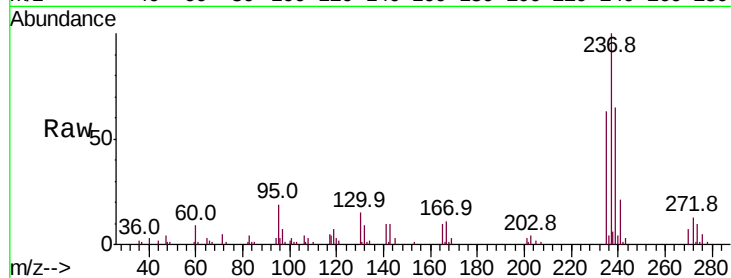
ClientSampleId :

FESB-16(2.4-2.9)MS

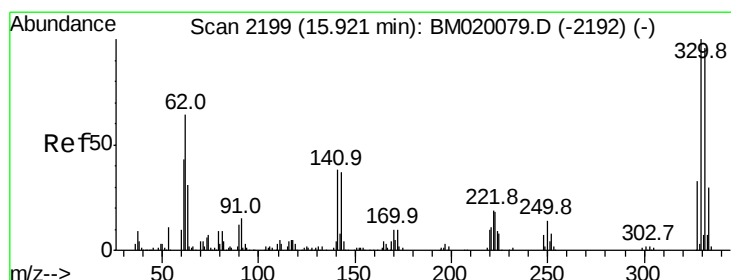
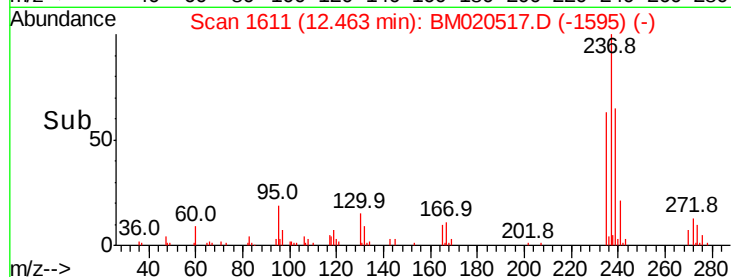
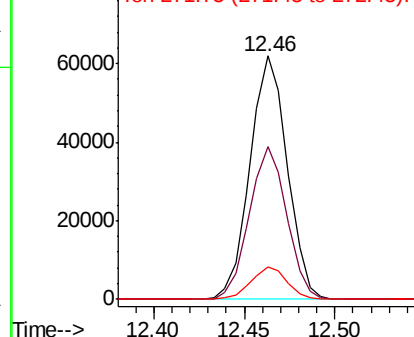
Tot Ion:	237	Resp:	88519
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.4	83.4
272	13.2	0.0	31.7

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: 110.326 ng

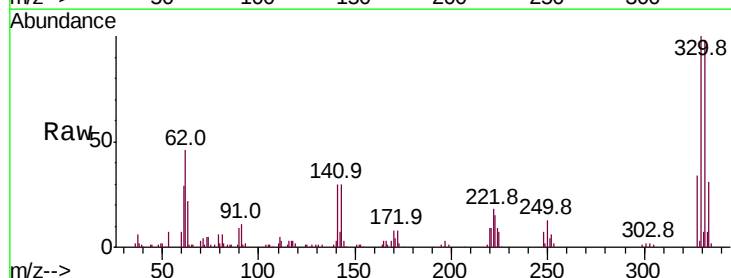
RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

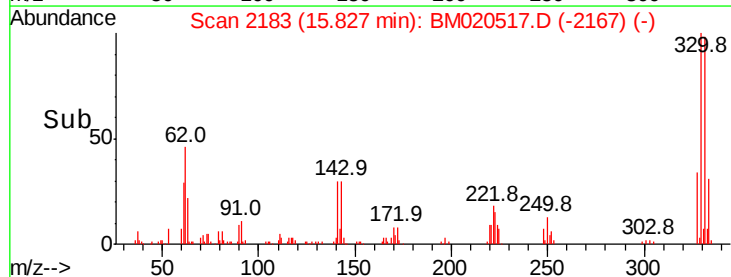
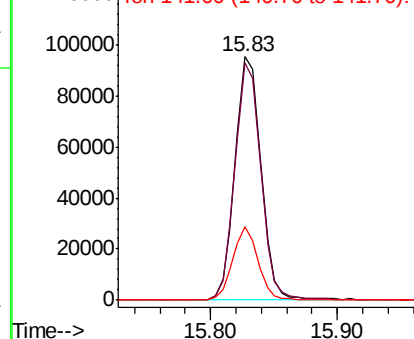
Lab File: BM020517.D

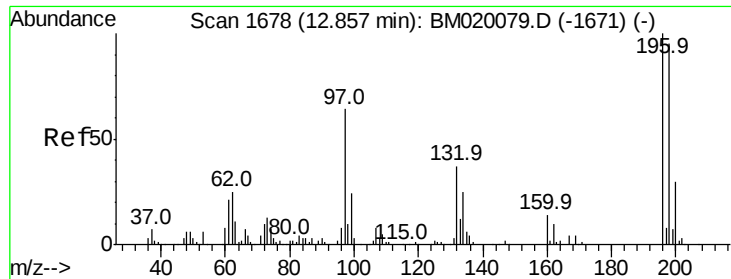
Acq: 23 May 2019 15:56

Tgt Ion:	330	Resp:	135420
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.8	115.2
141	29.0	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





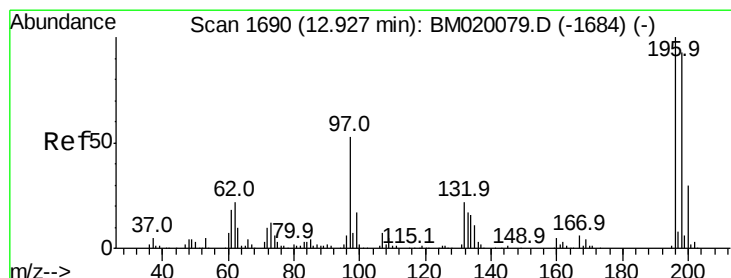
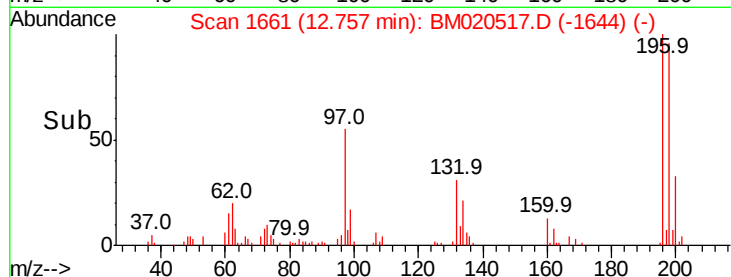
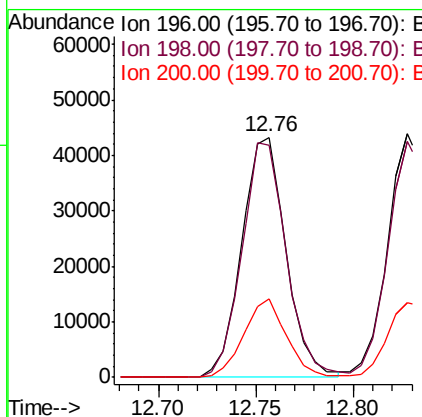
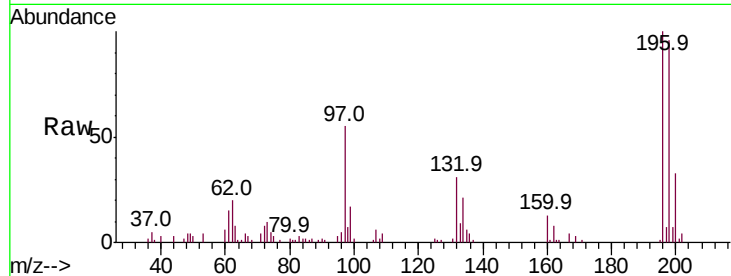
#43
 2,4,6-Trichlorophenol
 Concen: 38.529 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2,4-2,9)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	32.8	24.3	36.5

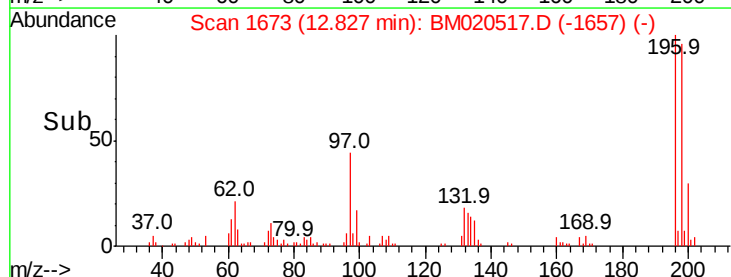
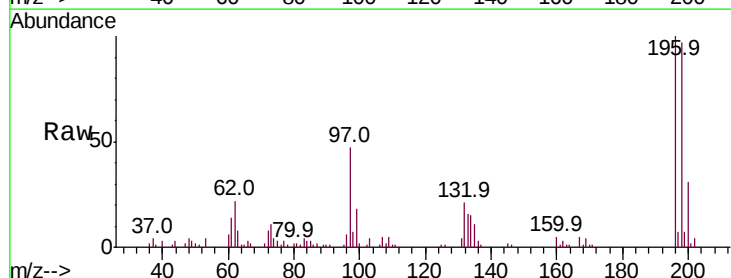
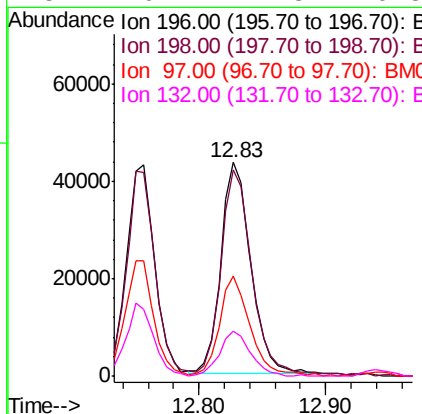
Manual Integrations
 APPROVED

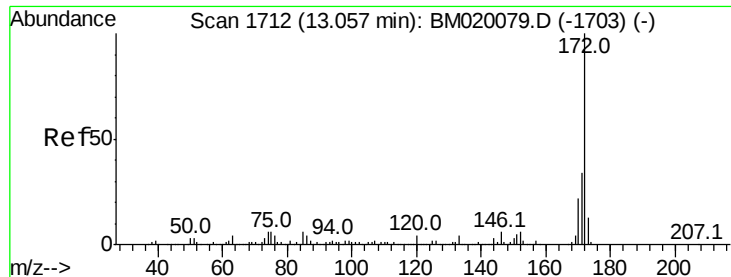
Sohil
 5/24/2019 5:01:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.892 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.7	112.1
97	47.1	42.2	63.4
132	20.7	17.8	26.8





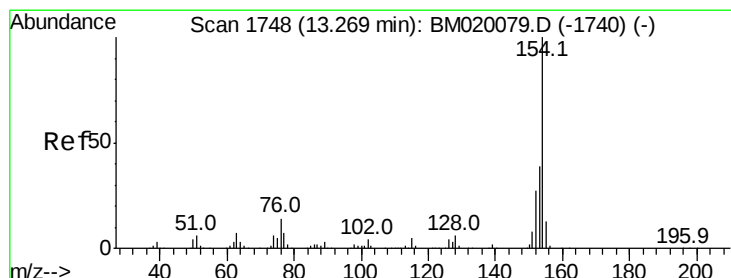
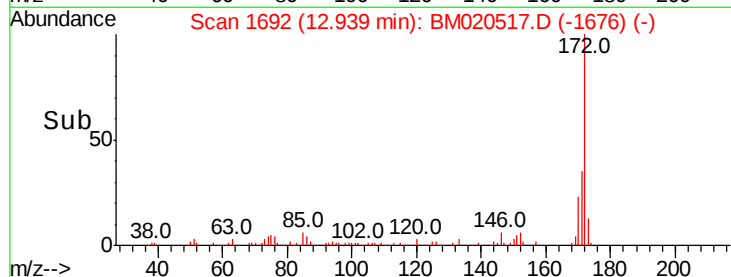
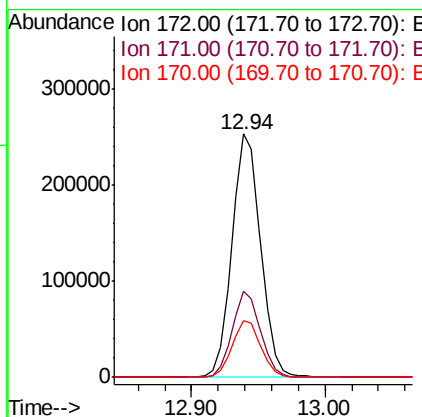
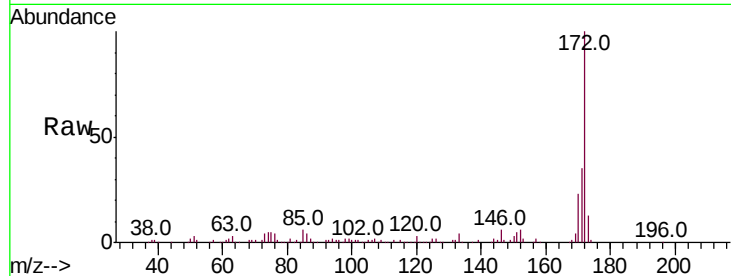
#45
2-Fluorobiphenyl
Concen: 59.004 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.3	17.9	26.9

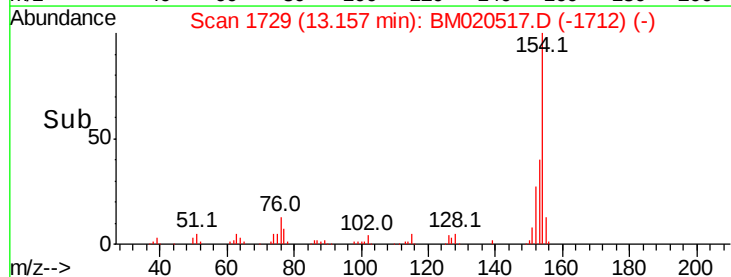
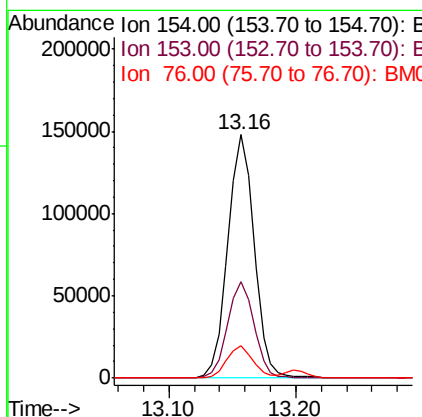
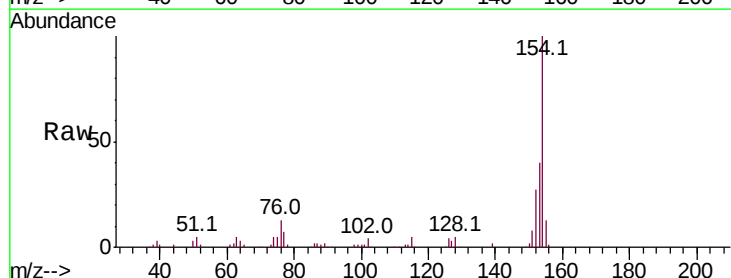
Manual Integrations
APPROVED

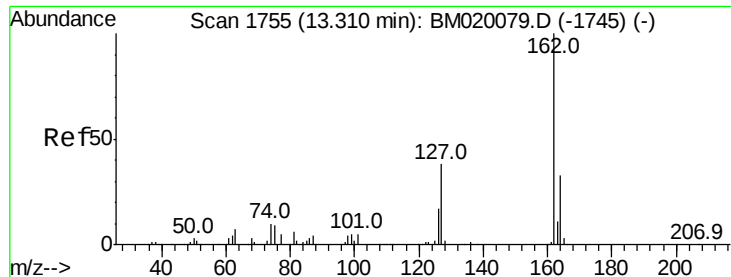
Sohil
5/24/2019 5:01:35 PM



#46
1,1'-Biphenyl
Concen: 32.915 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.4	59.4
76	13.3	0.0	34.5





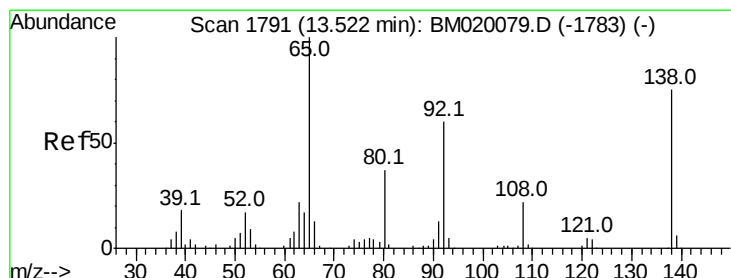
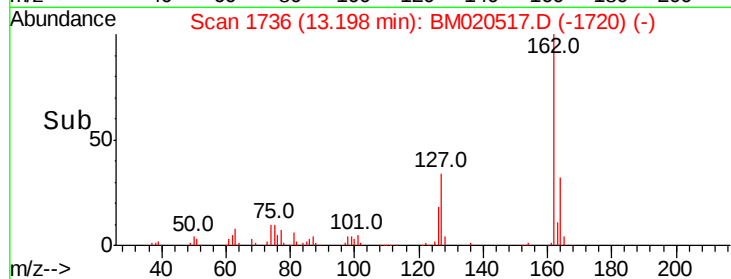
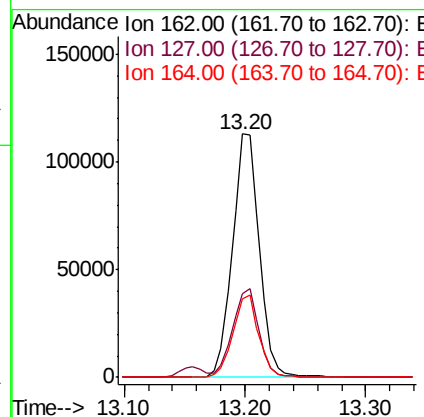
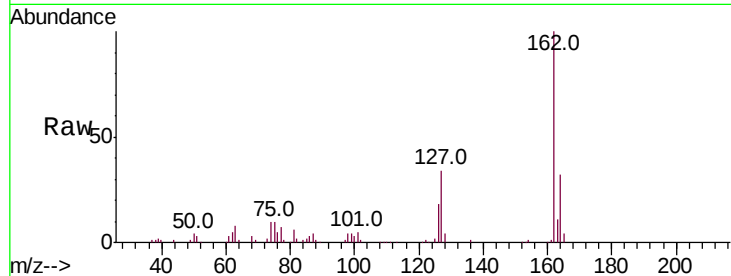
#47
 2-Chloronaphthalene
 Concen: 33.696 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	175112		
127	34.3	31.0	46.4	
164	32.2	26.2	39.2	

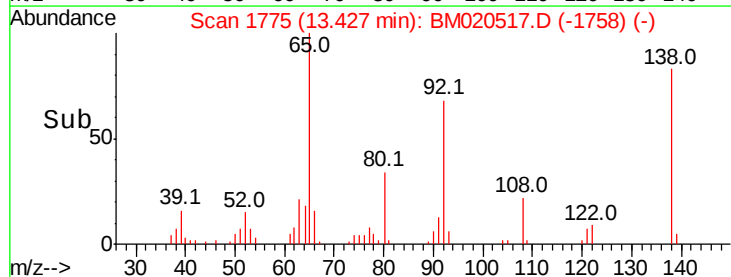
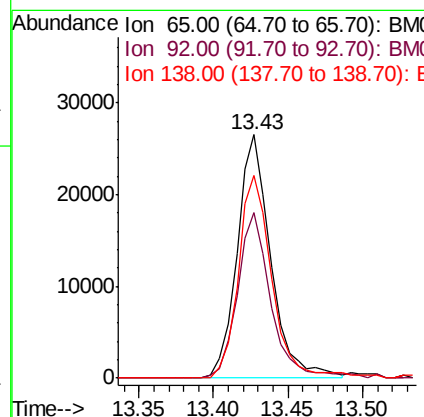
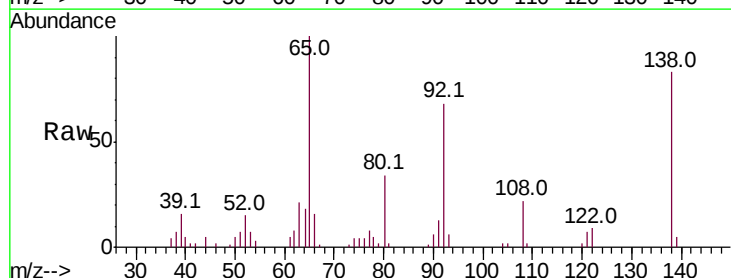
Manual Integrations
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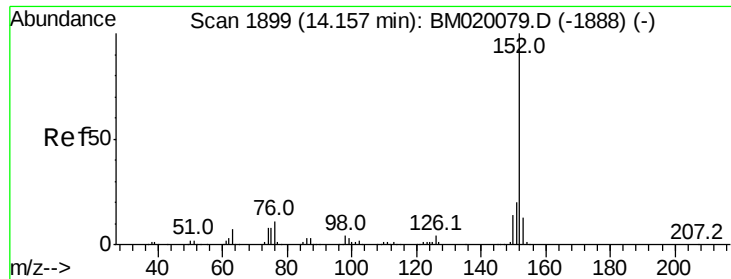
Sohil
 5/24/2019 5:01:35 PM



#48
 2-Nitroaniline
 Concen: 22.450 ng
 RT: 13.43 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	41537		
92	68.1	48.2	72.4	
138	83.0	60.3	90.5	





#49

Acenaphthylene

Concen: 31.170 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

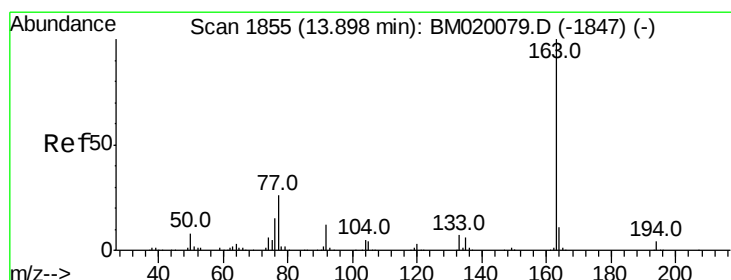
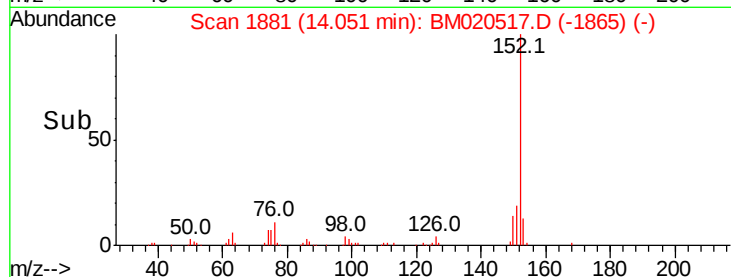
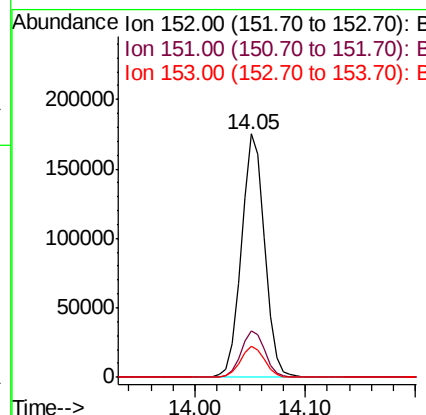
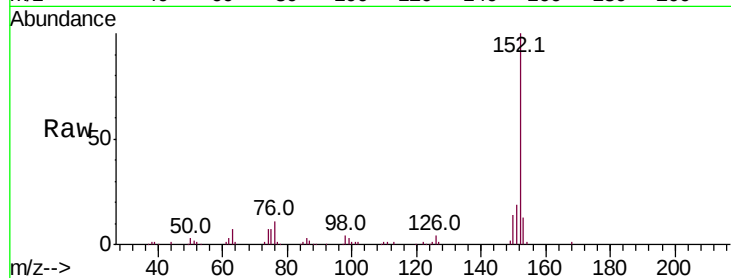
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:	152	Resp:	259246
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.2	24.2
153	13.0	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.584 ng

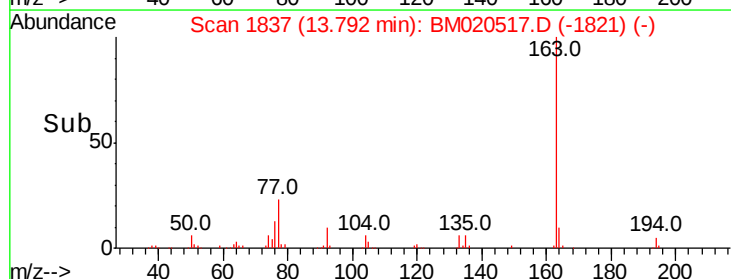
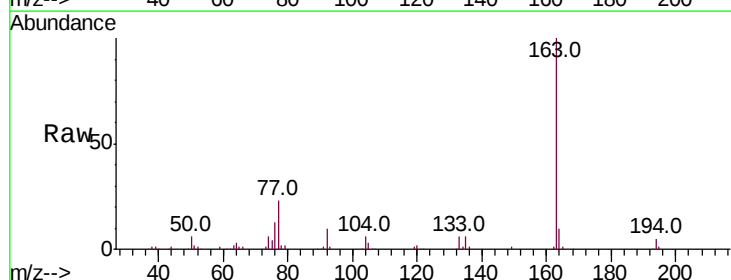
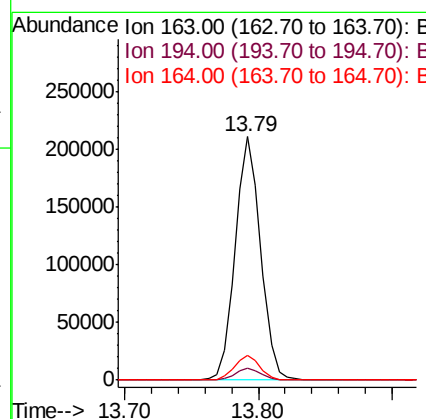
RT: 13.79 min Scan# 1837

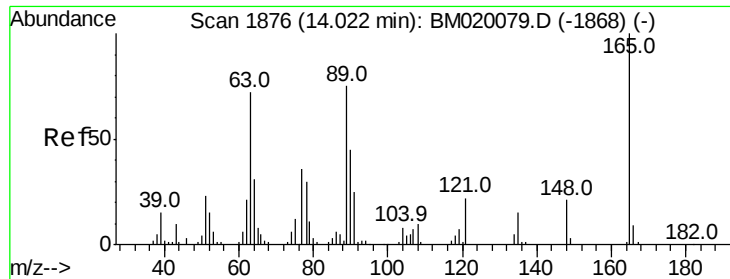
Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	163	Resp:	279489
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.2	8.4	12.6





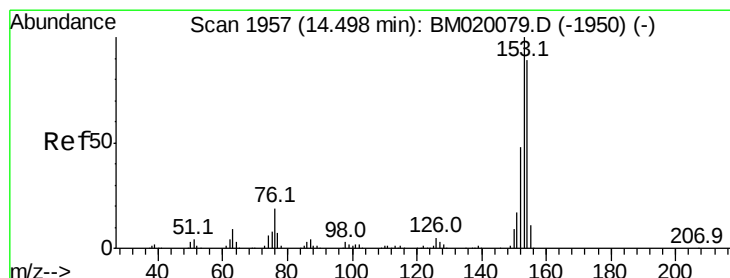
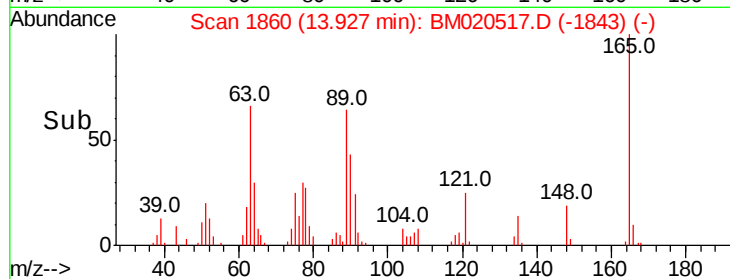
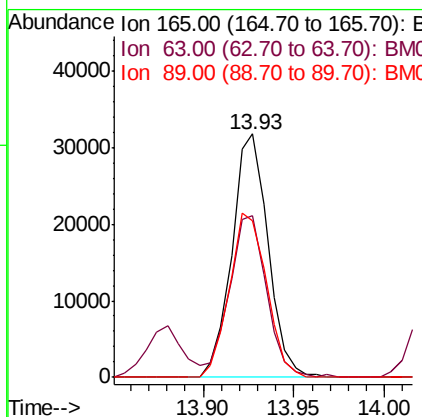
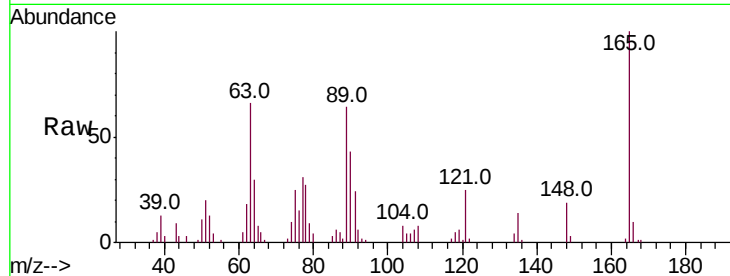
#51
 2,6-Dinitrotoluene
 Concen: 31.027 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43922		
63	66.2		60.3	90.5
89	64.1		59.8	89.6

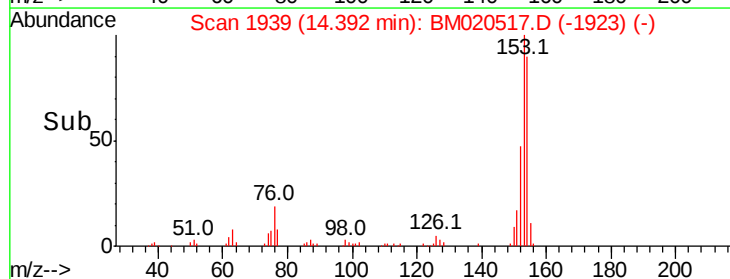
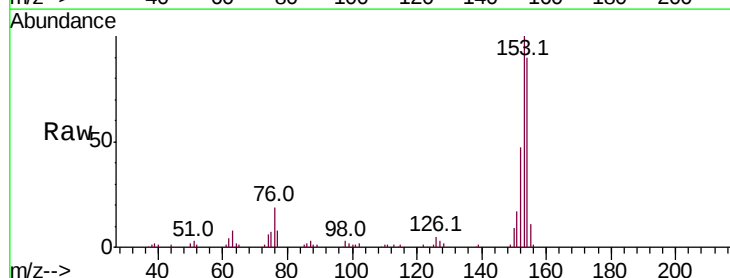
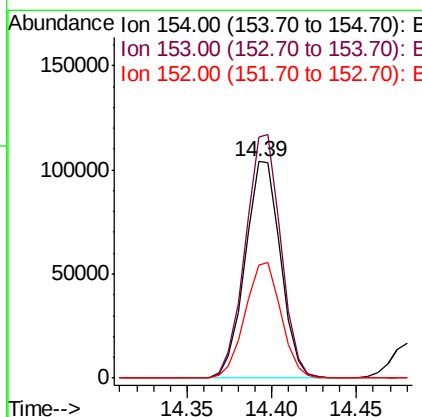
Manual Integrations
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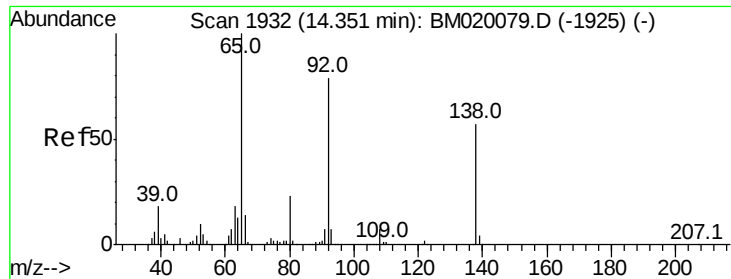
Sohil
 5/24/2019 5:01:35 PM



#52
 Acenaphthene
 Concen: 31.854 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	151927		
153	111.4		90.2	135.2
152	52.4		43.0	64.4





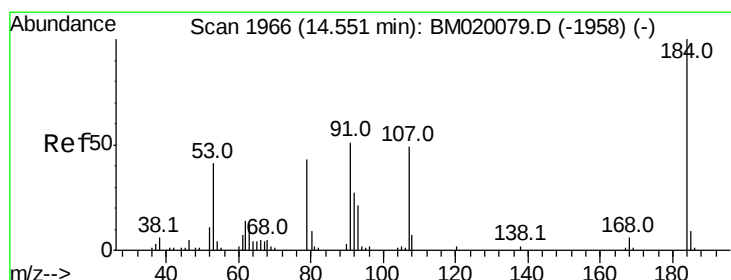
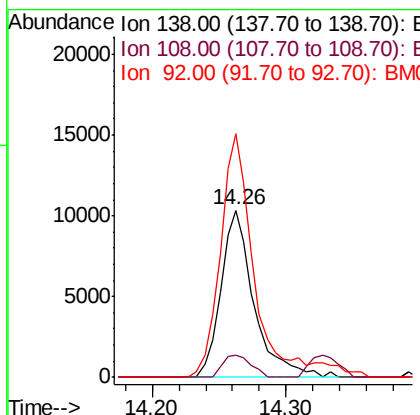
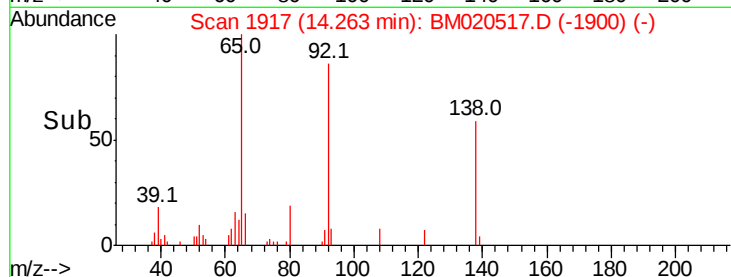
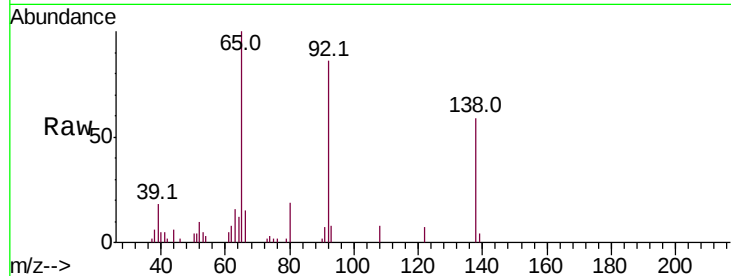
#53
3-Nitroaniline
Concen: 13.693 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.2	10.4	15.6
92	145.6	111.3	166.9

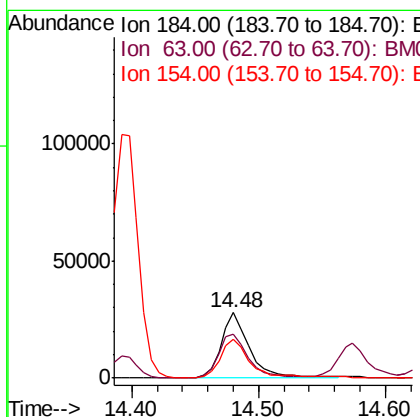
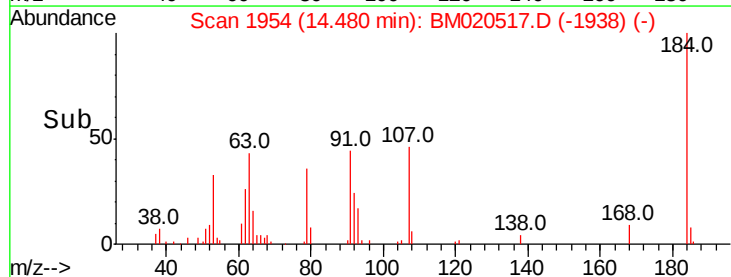
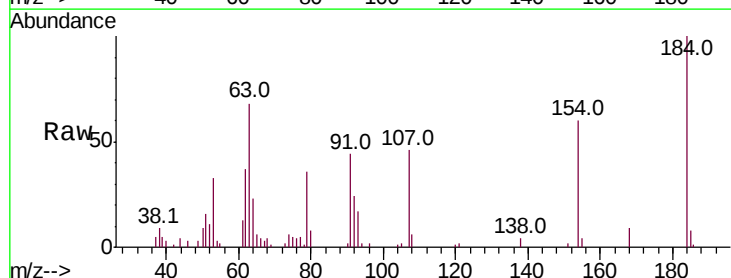
Manual Integrations
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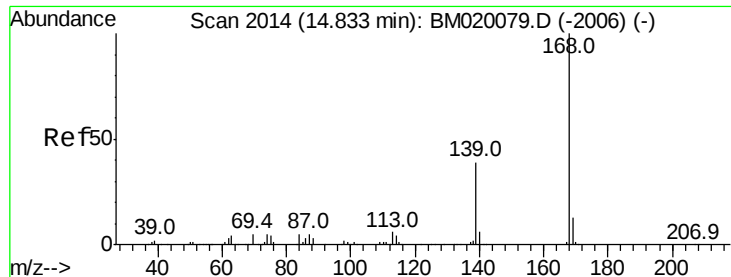
Sohil
5/24/2019 5:01:35 PM



#54
2,4-Dinitrophenol
Concen: 63.072 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	68.9	103.3#
154	59.5	54.4	81.6





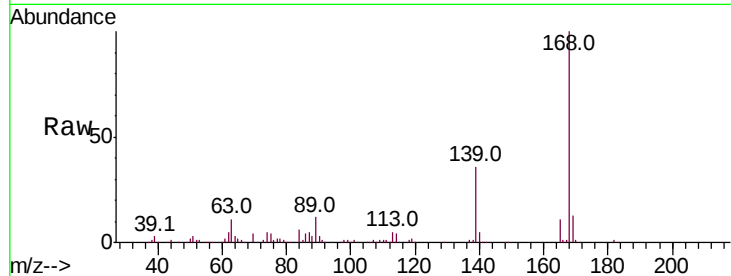
#55
Dibenzofuran
Concen: 33.174 ng
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.1	46.7
169	13.0	10.6	16.0

Manual Integrations
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5/24/2019 5:01:35 PM

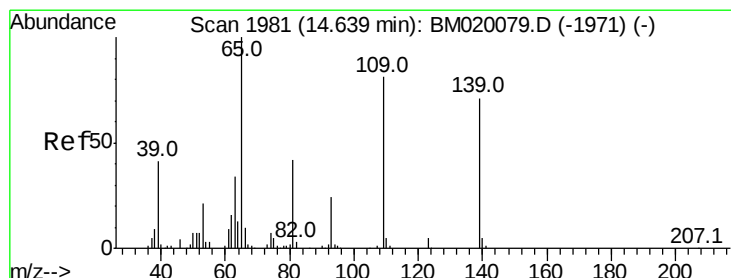
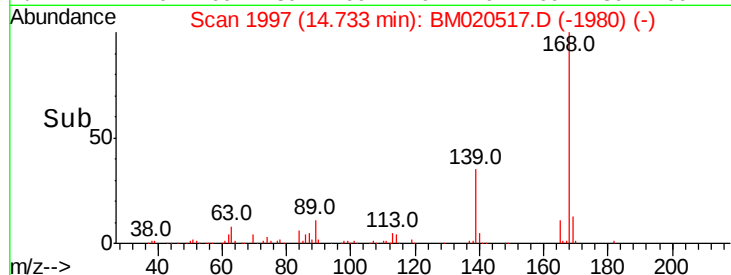
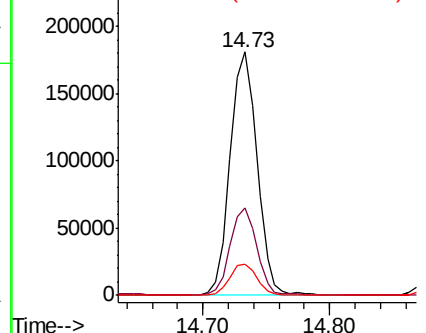


Abundance

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: 55.109 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

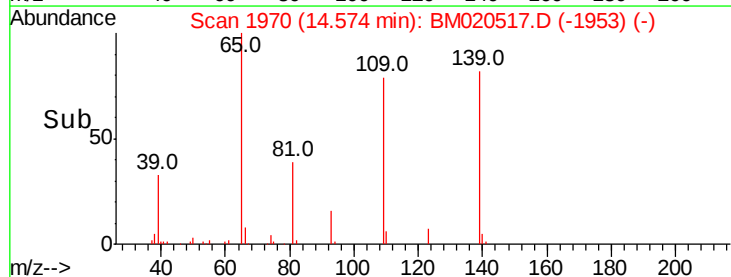
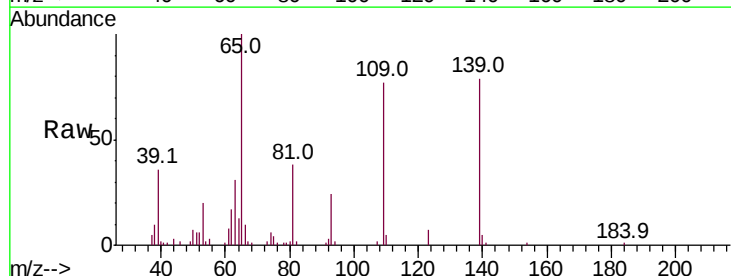
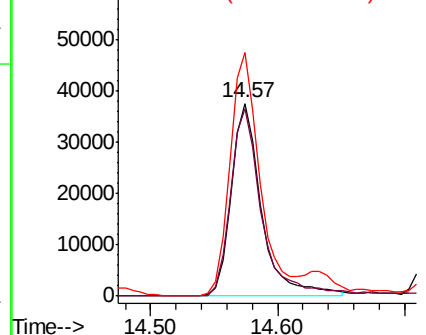
Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.8	94.1	134.1
65	126.2	120.9	160.9

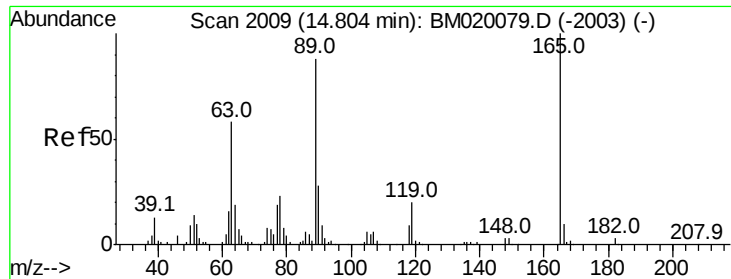
Abundance

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





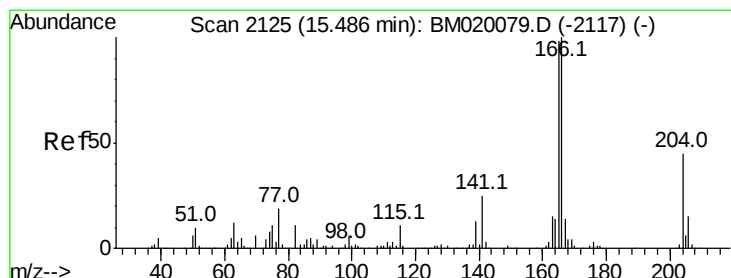
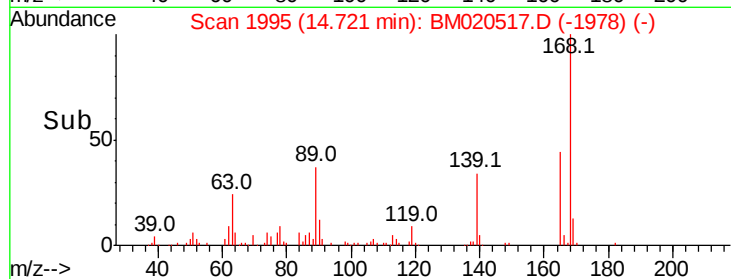
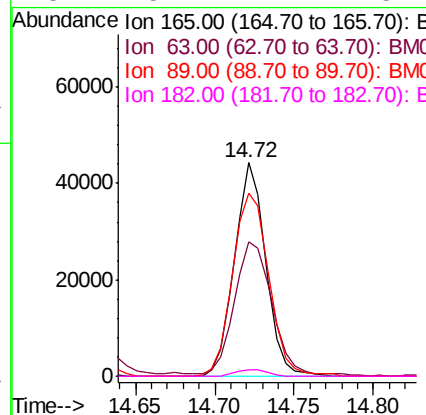
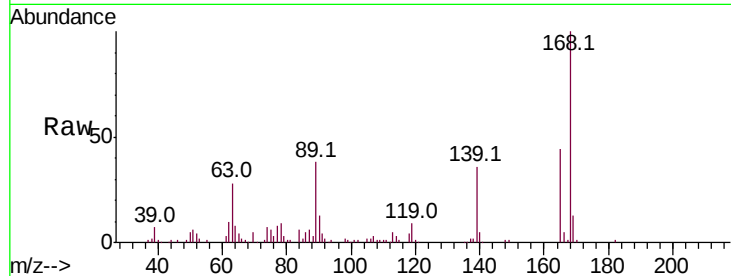
#57
 2,4-Dinitrotoluene
 Concen: 31.559 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.1	46.2	69.2
89	85.9	70.6	105.8
182	3.1	2.2	3.2

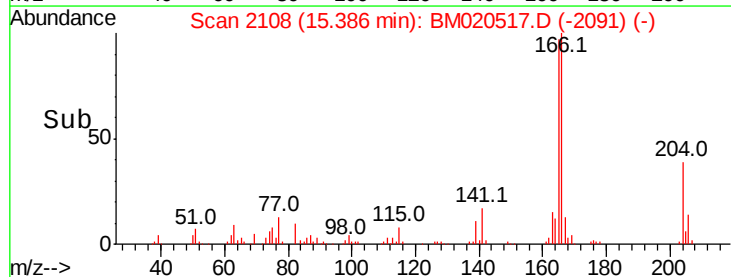
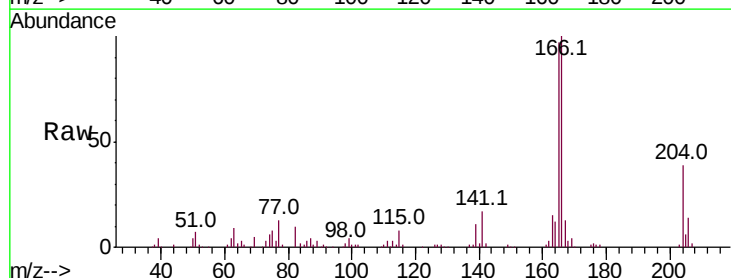
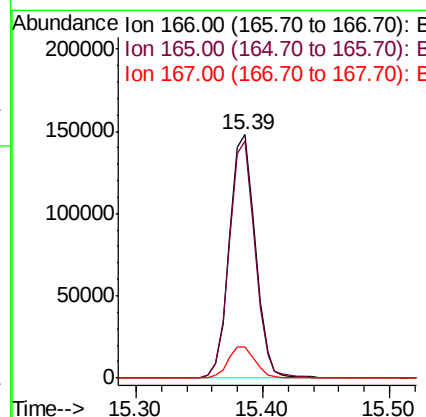
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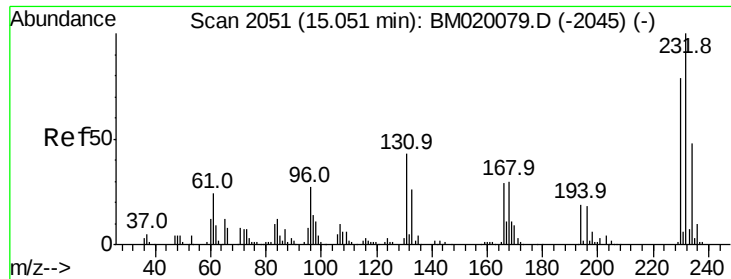
Sohil
 5/24/2019 5:01:35 PM



#58
 Fluorene
 Concen: 31.614 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	12.8	11.0	16.4





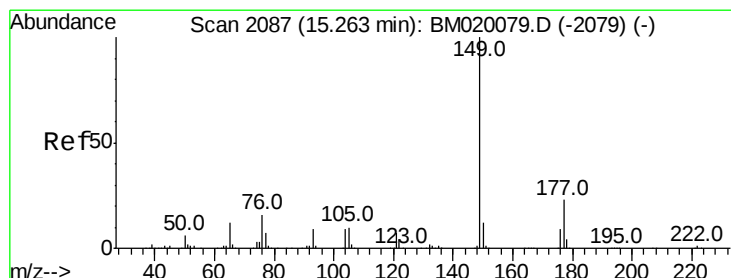
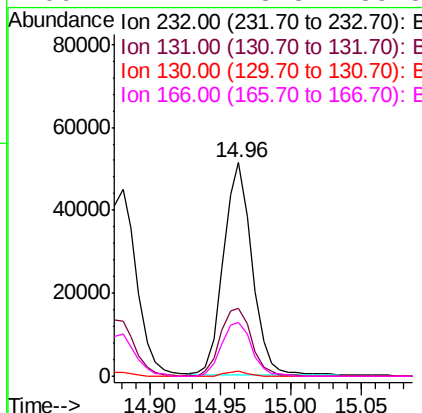
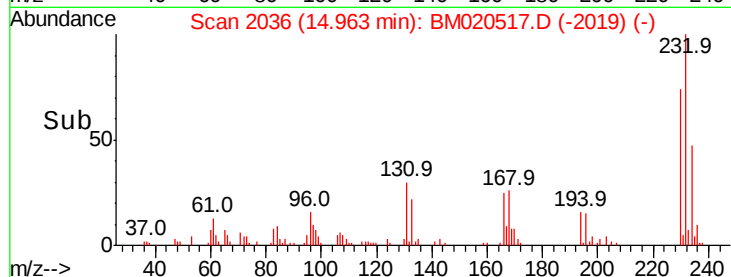
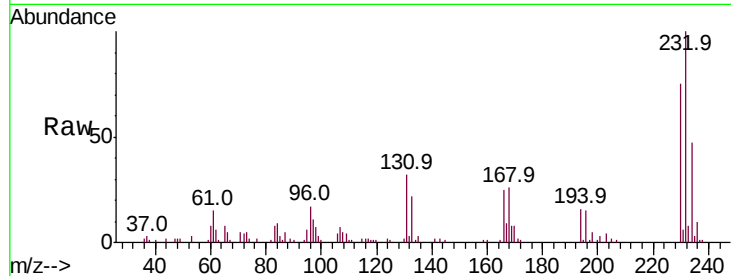
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.374 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.4	34.2	51.4
130	1.9	2.0	3.0
166	27.4	23.8	35.8

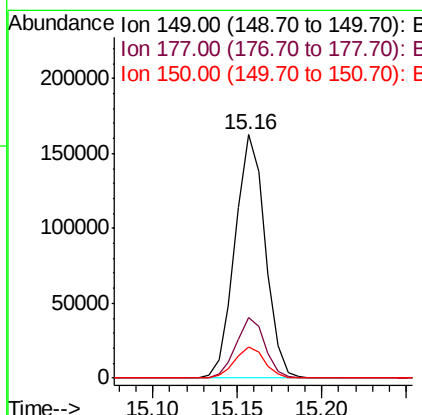
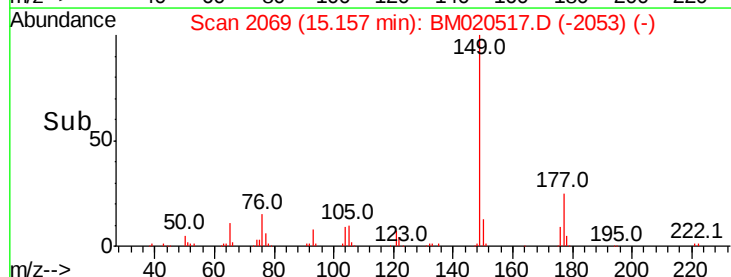
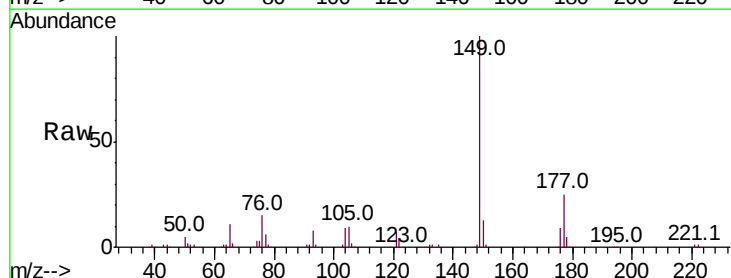
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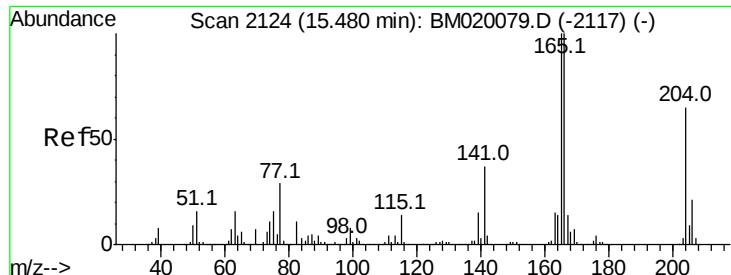
Sohil
 5/24/2019 5:01:35 PM



#60
 Diethylphthalate
 Concen: 29.910 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.2	27.4
150	12.5	9.9	14.9





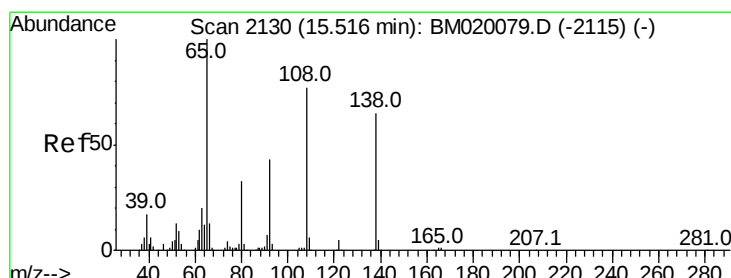
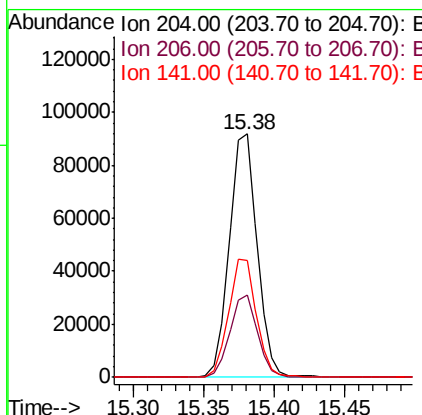
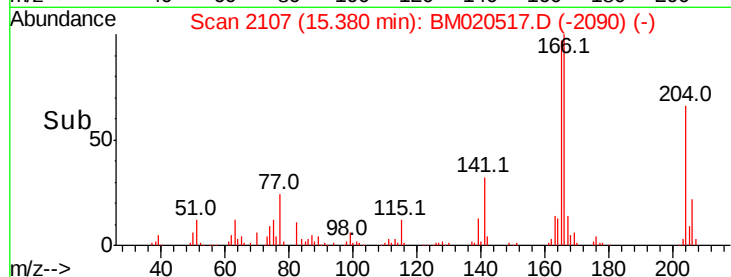
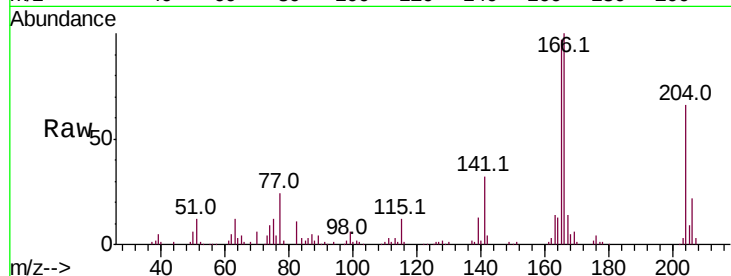
#61
 4-Chlorophenyl-phenylether
 Concen: 33.808 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion:	204	Resp:	126566
Ion Ratio	Lower	Upper	
204	100		
206	33.7	25.6	38.4
141	48.1	46.1	69.1

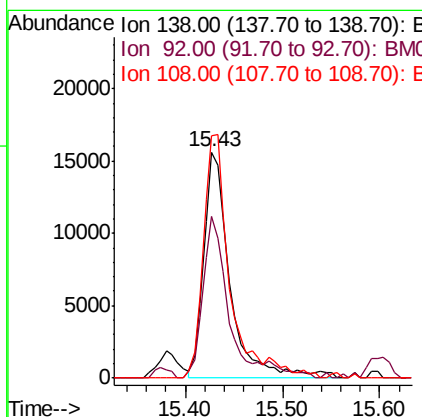
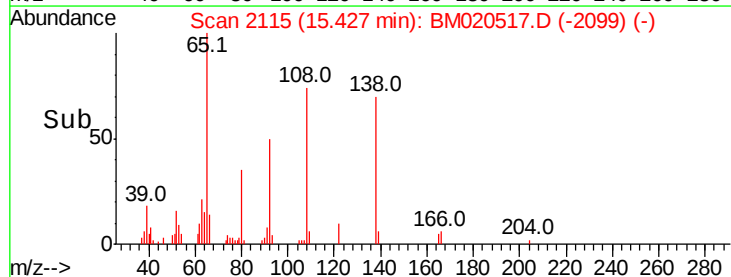
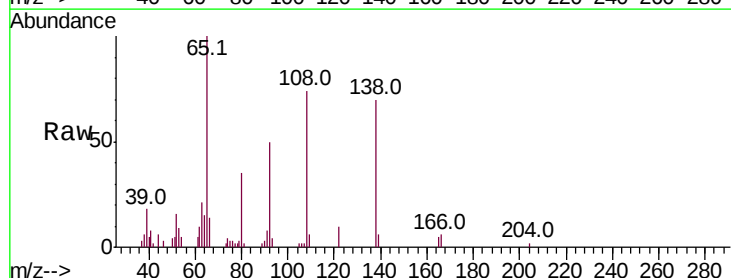
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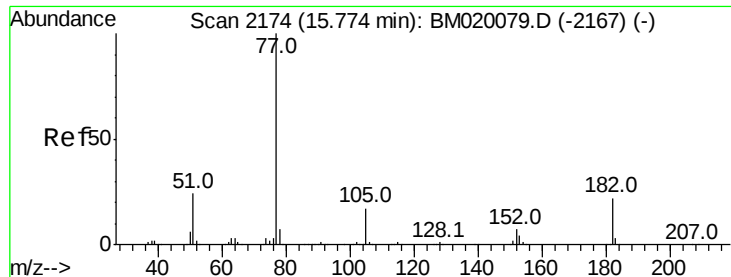
Sohil
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#62
 4-Nitroaniline
 Concen: 20.199 ng m
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion:	138	Resp:	29287
Ion Ratio	Lower	Upper	
138	100		
92	71.7	45.9	85.9
108	107.0	97.7	137.7





#63

Azobenzene

Concen: 27.220 ng

RT: 15.67 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

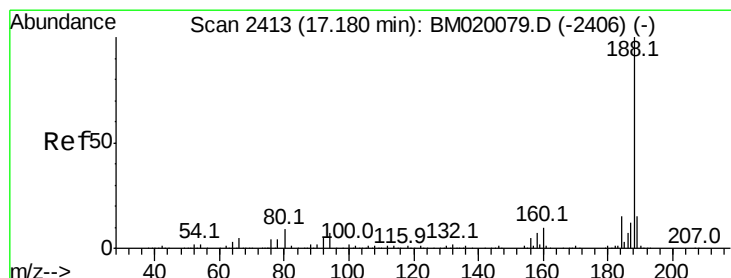
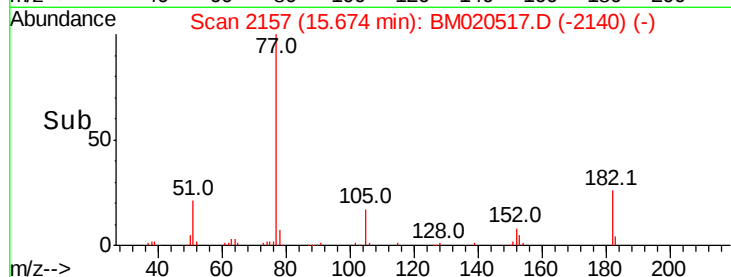
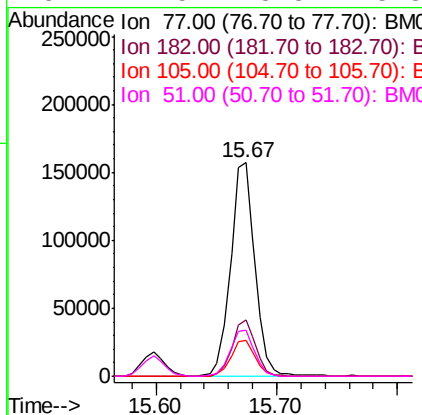
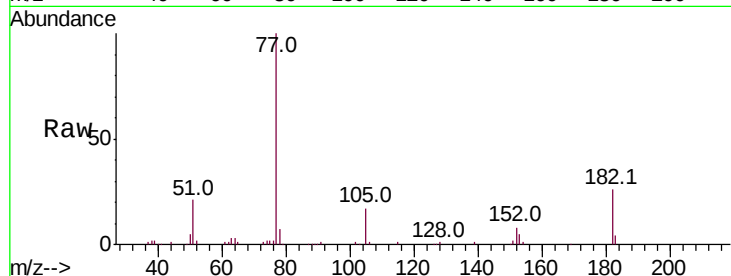
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	217445		
182	26.4	2.1	42.1	
105	16.8	0.0	36.8	
51	21.5	3.8	43.8	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

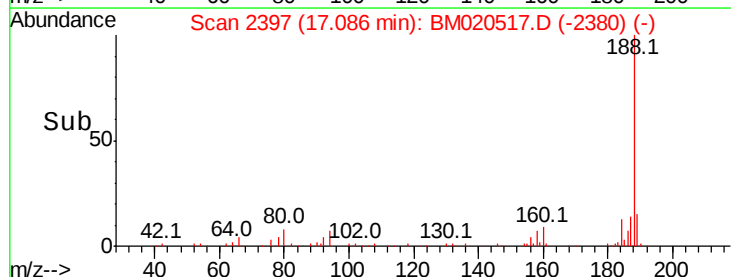
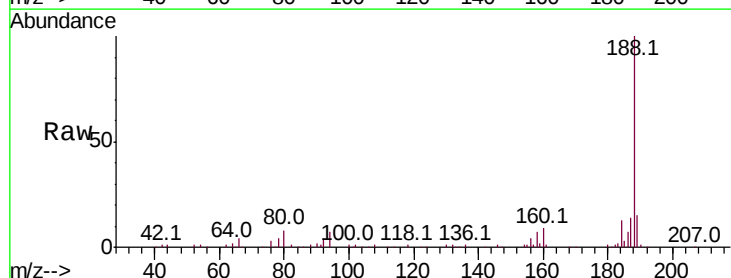
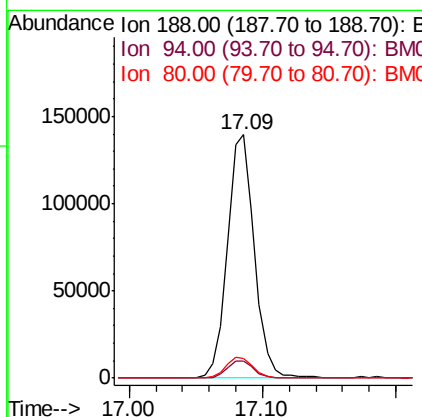
RT: 17.09 min Scan# 2397

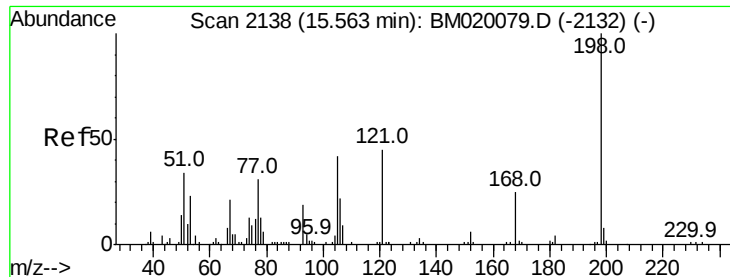
Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	196977		
94	7.1	5.8	8.6	
80	8.2	7.4	11.2	





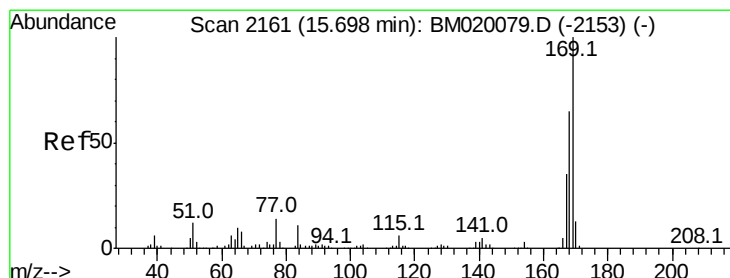
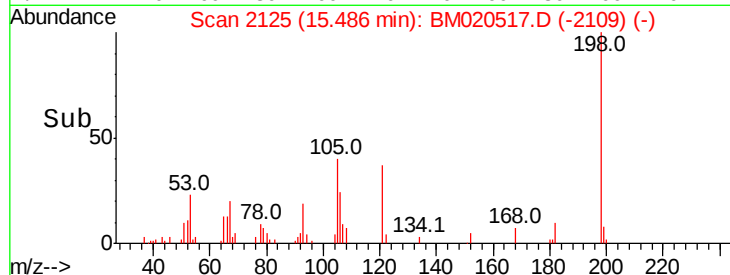
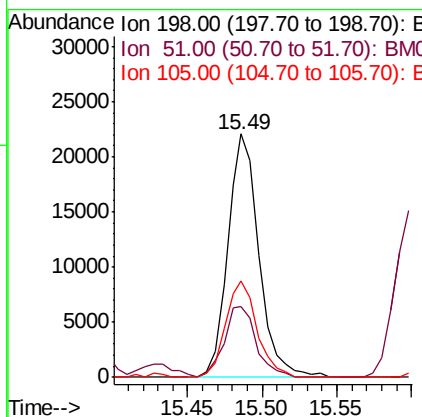
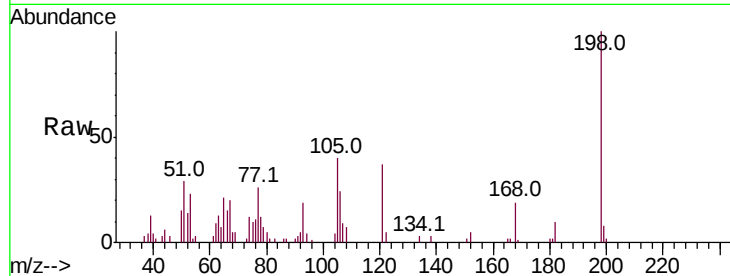
#65
4,6-Dinitro-2-methylphenol
Concen: 34.714 ng
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	28.8	16.5	56.5
105	39.8	22.8	62.8

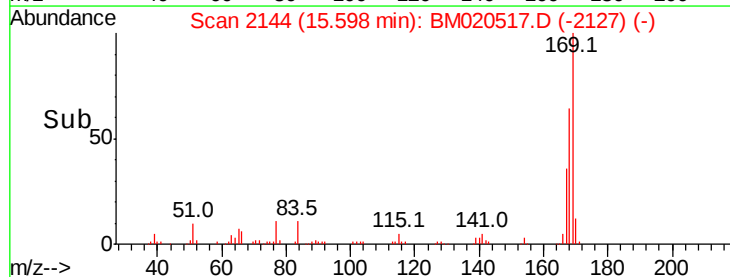
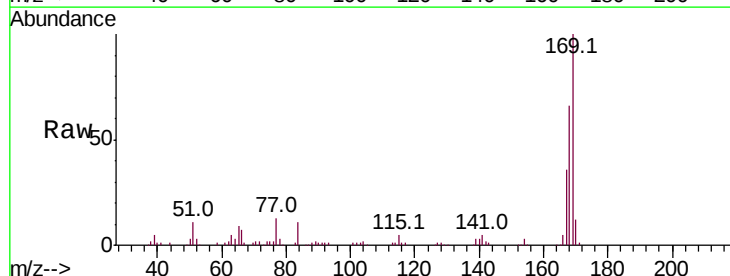
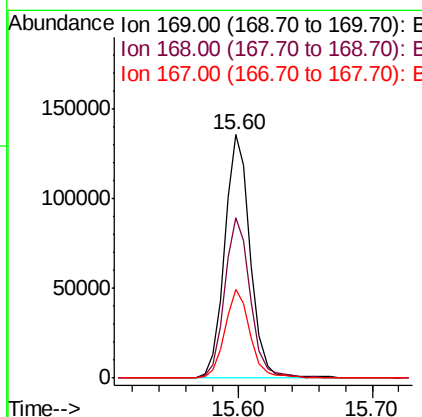
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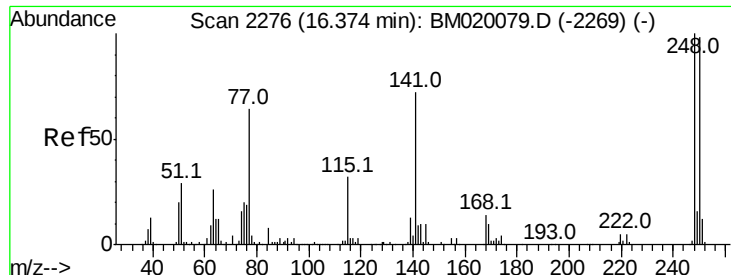
Sohil
5/24/2019 5:01:35 PM



#66
n-Nitrosodiphenylamine
Concen: 31.323 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.9	77.9
167	36.2	27.8	41.6





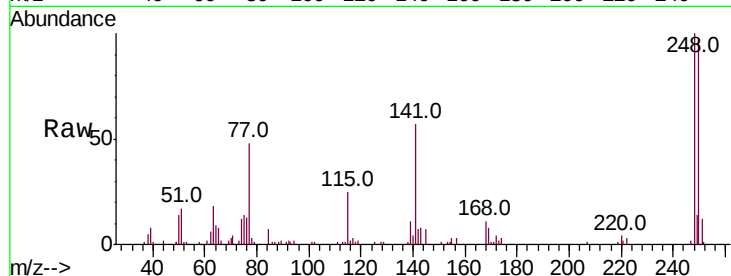
#67
 4-Bromophenyl-phenylether
 Concen: 32.597 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	57.3	57.4	86.2#

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 5/24/2019 5:01:35 PM

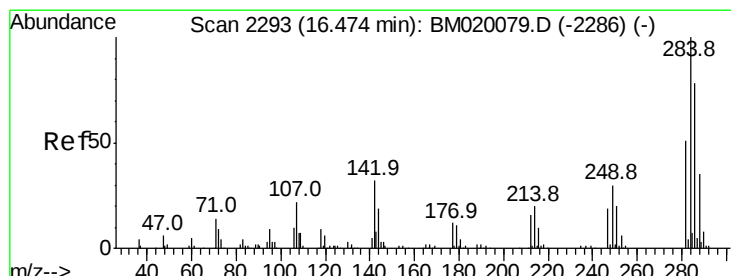
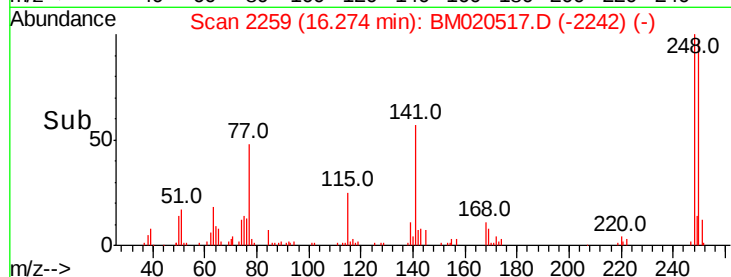
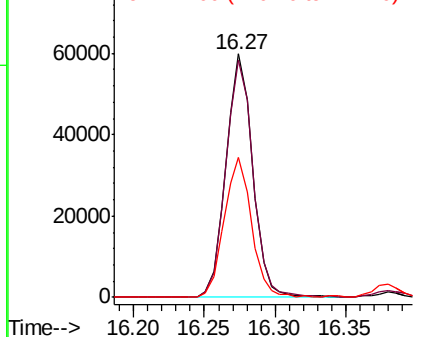


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.614 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

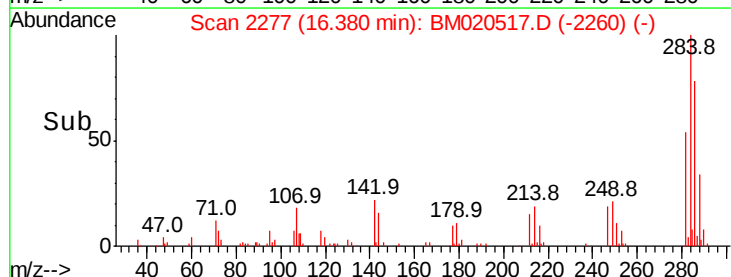
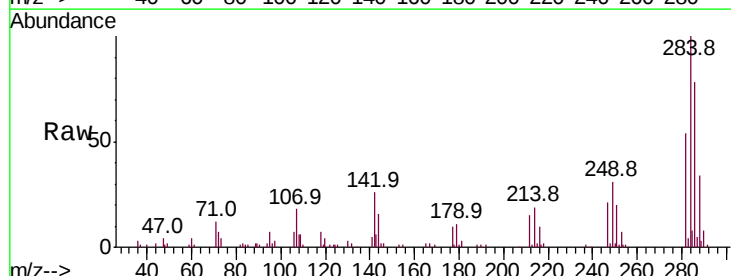
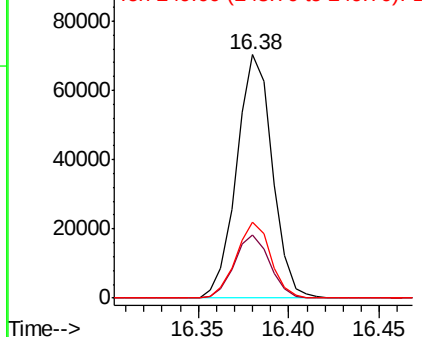
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	25.2	37.8
249	31.1	23.6	35.4

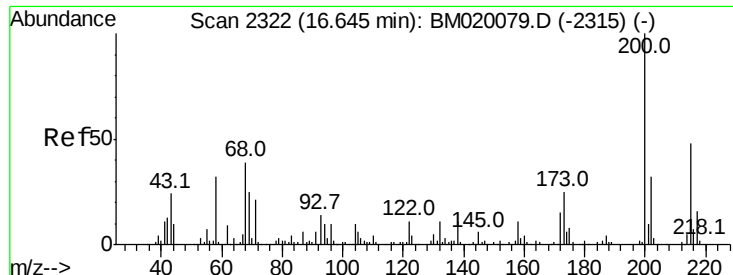
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





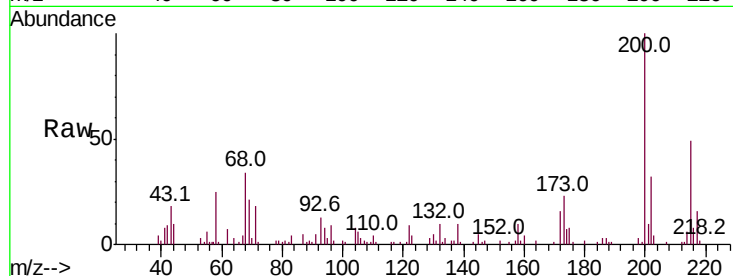
#69
Atrazine
Concen: 28.718 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

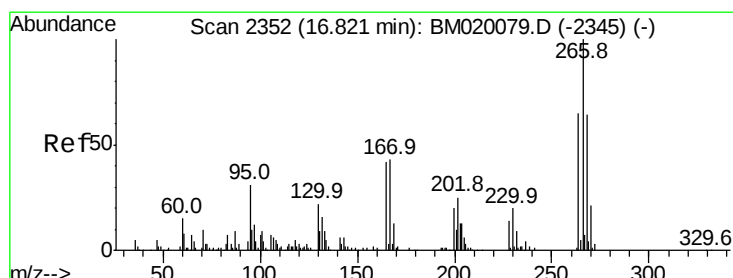
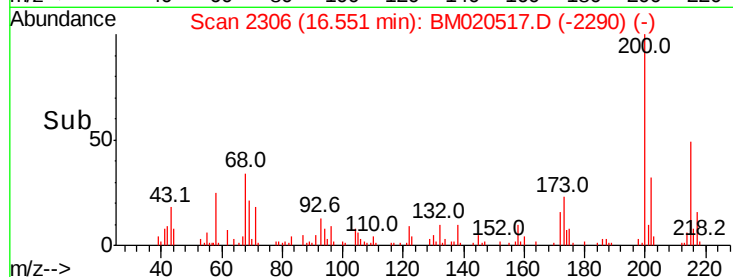
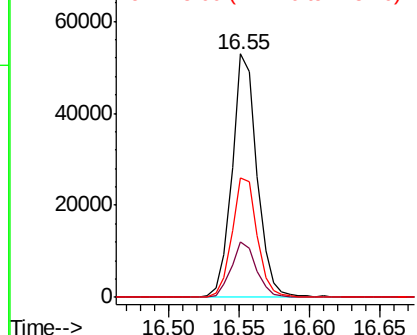
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.6	44.6
215	49.1	28.0	68.0

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5/24/2019 5:01:35 PM

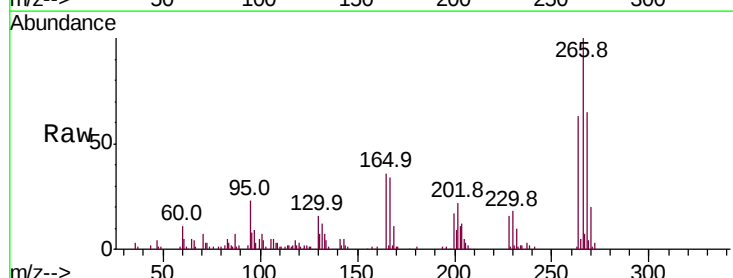


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

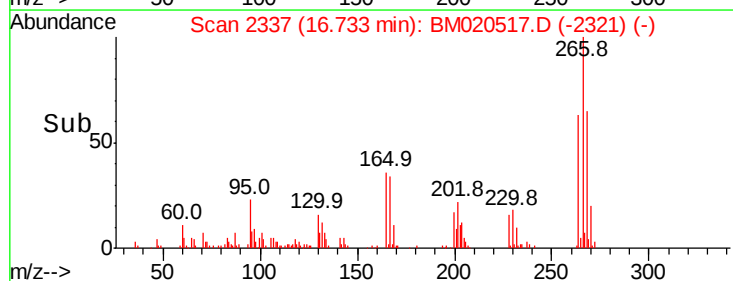
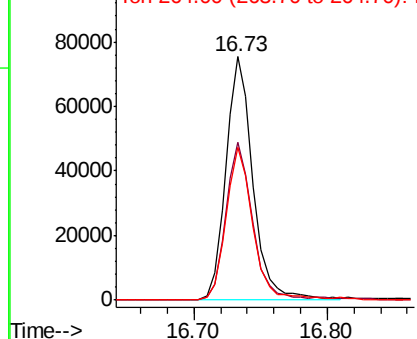


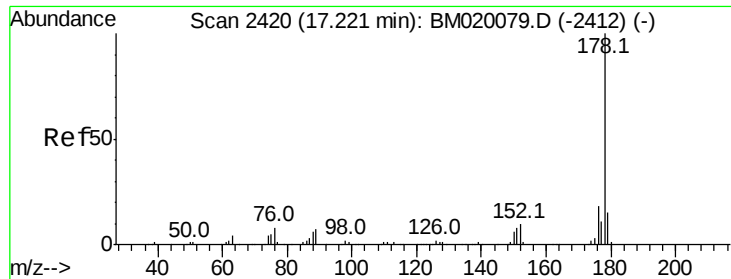
#70
Pentachlorophenol
Concen: 67.750 ng
RT: 16.73 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.4	77.0
264	62.7	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





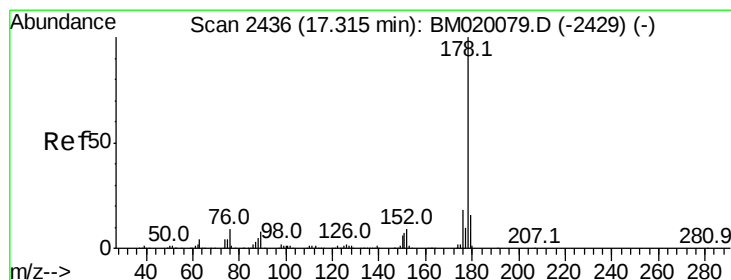
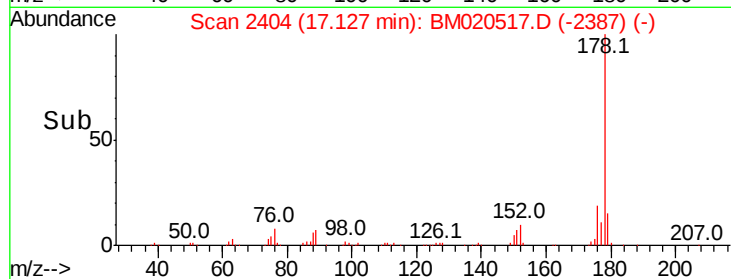
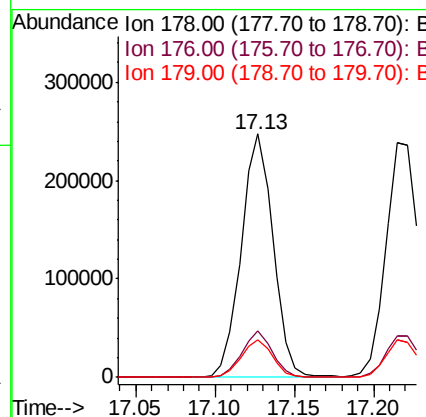
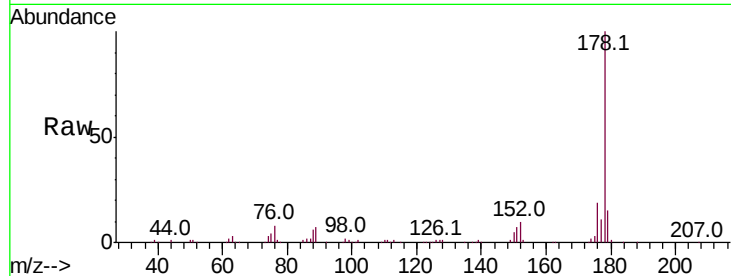
#71
Phenanthrene
Concen: 31.814 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.5	12.4	18.6

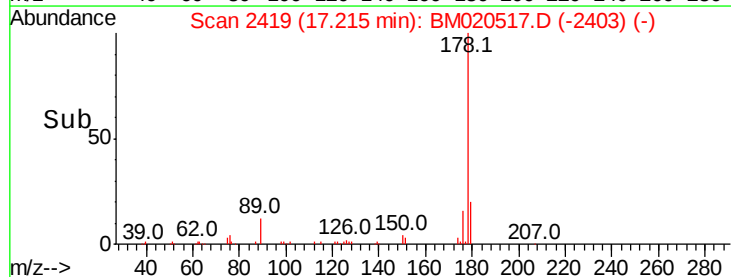
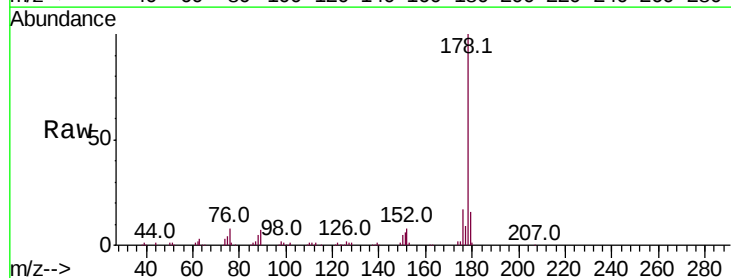
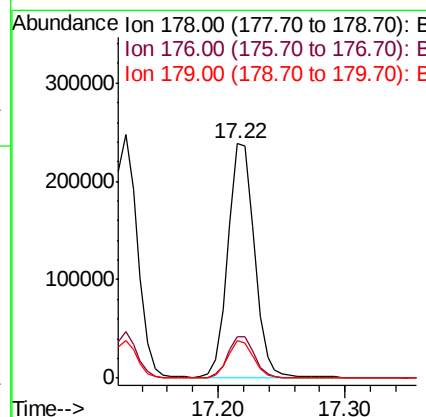
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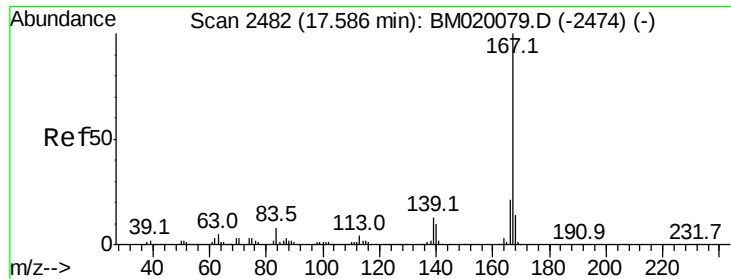
Sohil
5/24/2019 5:01:35 PM



#72
Anthracene
Concen: 31.589 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	15.9	12.4	18.6





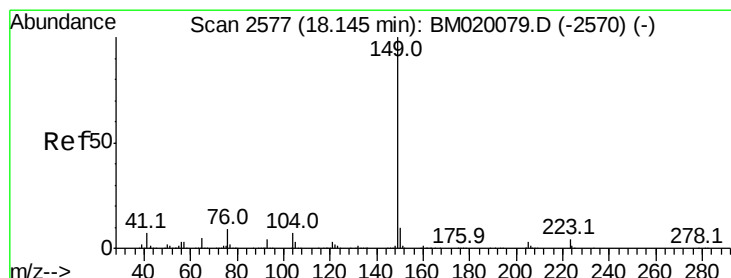
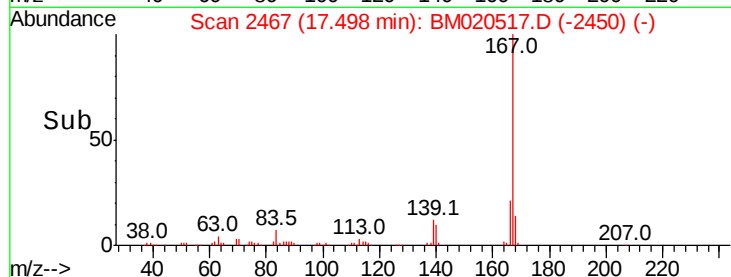
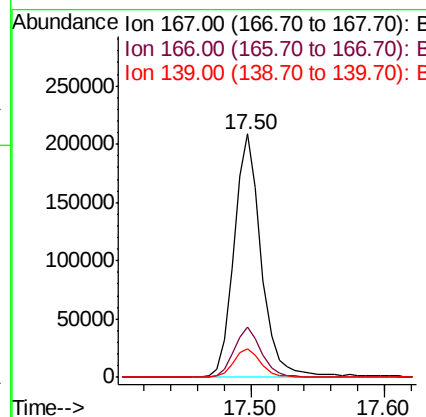
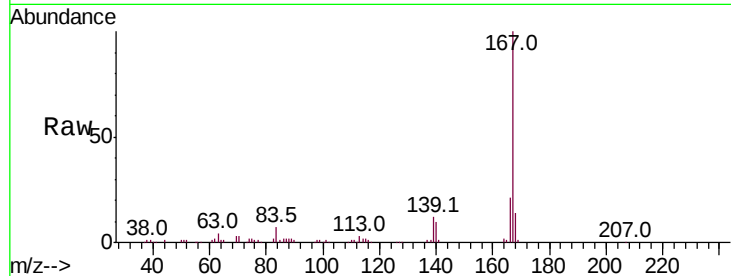
#73
 Carbazole
 Concen: 30.353 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	11.9	10.6	16.0

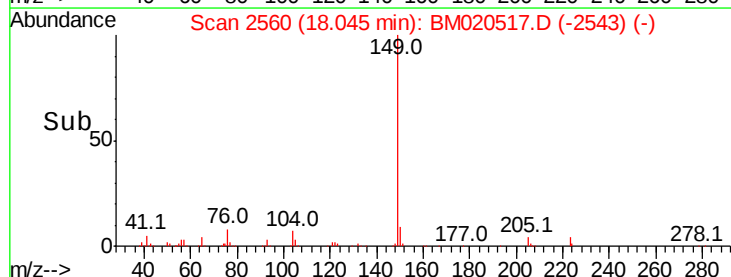
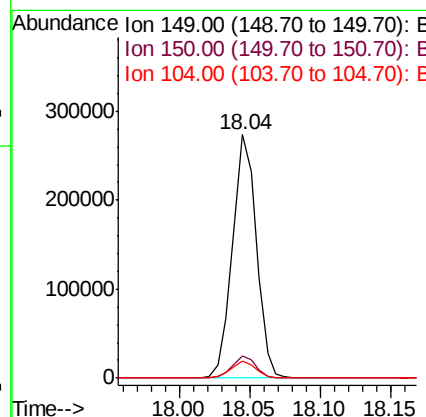
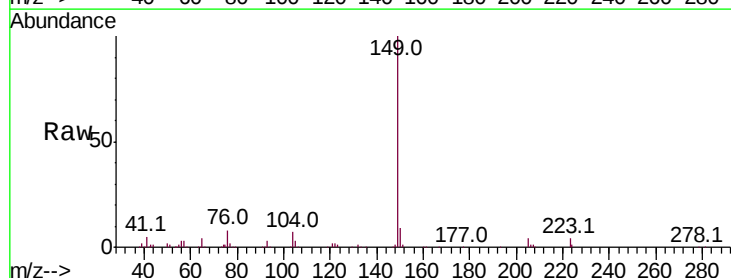
Manual Integrations
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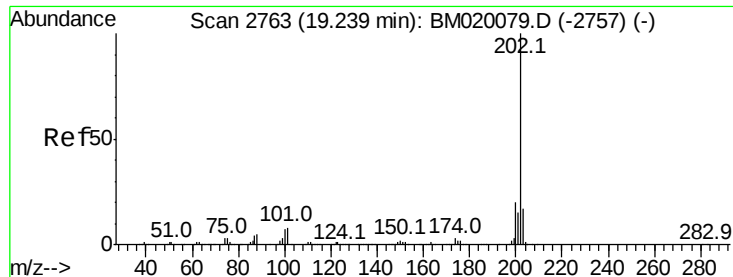
Sohil
 5/24/2019 5:01:35 PM



#74
 Di-n-butylphthalate
 Concen: 27.362 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	6.8	5.7	8.5





#75

Fluoranthene

Concen: 33.342 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

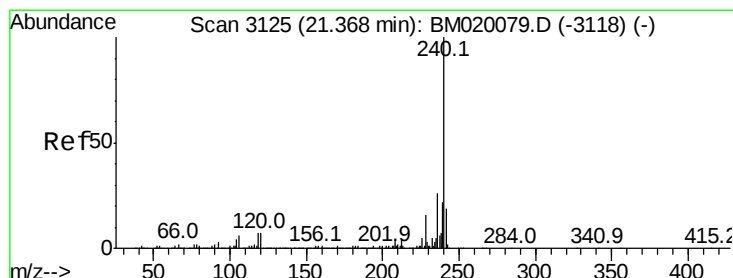
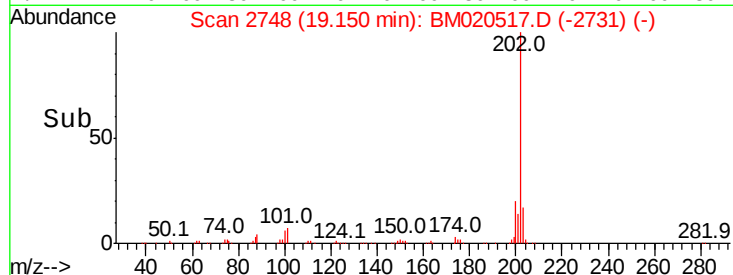
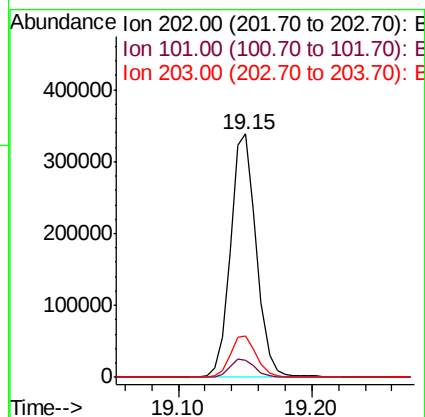
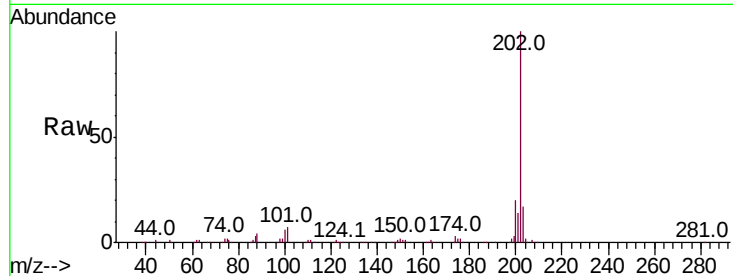
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	458697		
101	7.2	0.0	28.4	
203	17.0	0.0	37.4	

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5/24/2019 5:01:35 PM



#76

Chrysene-d12

Concen: 20.000 ng

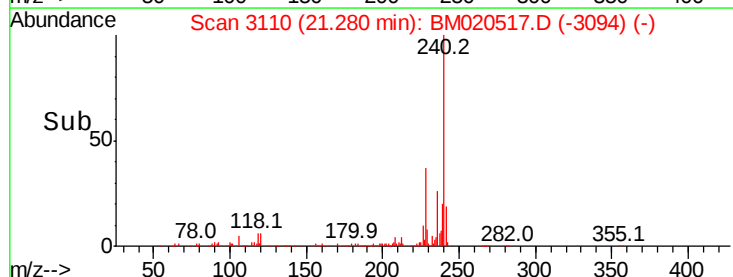
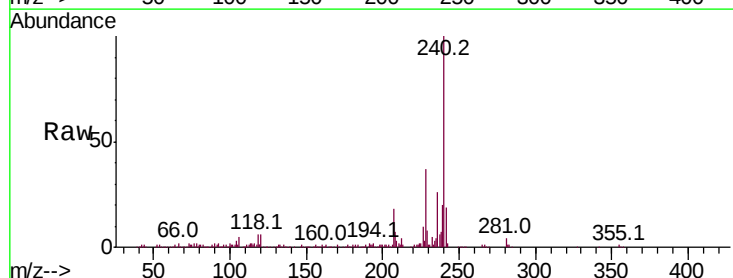
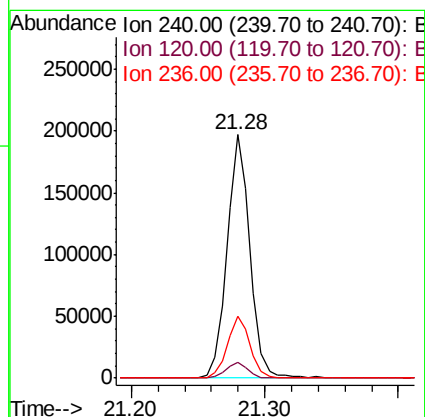
RT: 21.28 min Scan# 3110

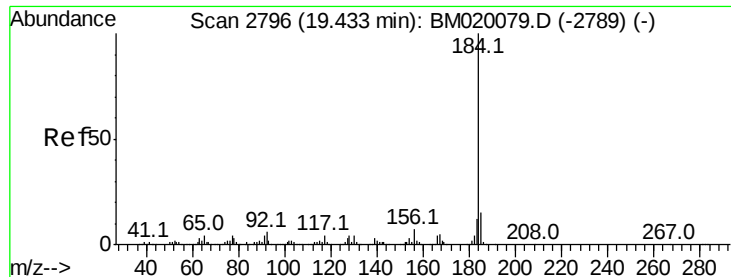
Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	236888		
120	6.2	5.6	8.4	
236	25.5	20.9	31.3	





#77

Benzidine

Concen: 8.665 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Instrument :

BNA_M

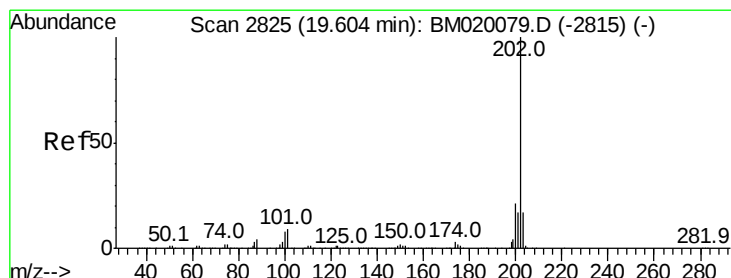
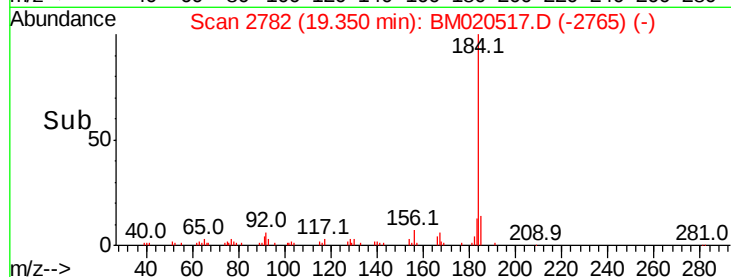
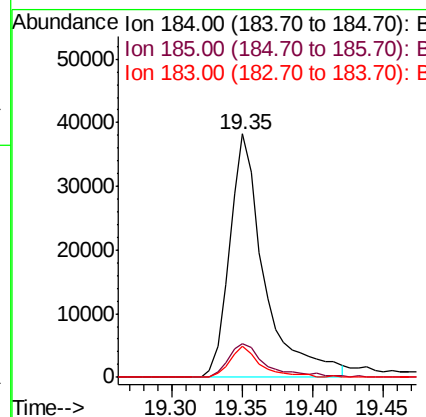
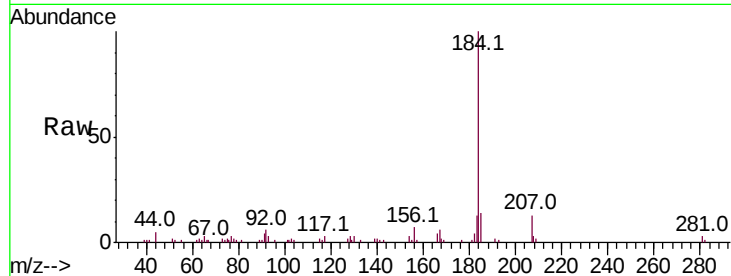
ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:	184	Resp:	65623
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.0	18.0
183	12.5	9.5	14.3

Manual Integrations
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5/24/2019 5:01:35 PM



#78

Pyrene

Concen: 29.319 ng

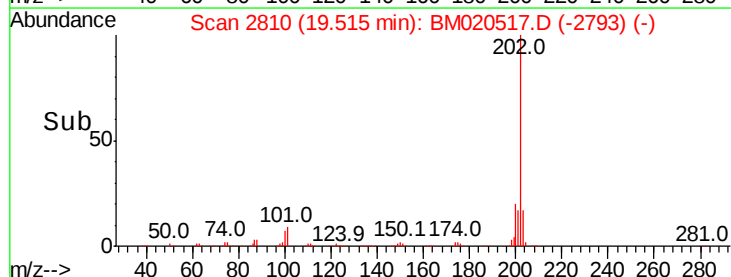
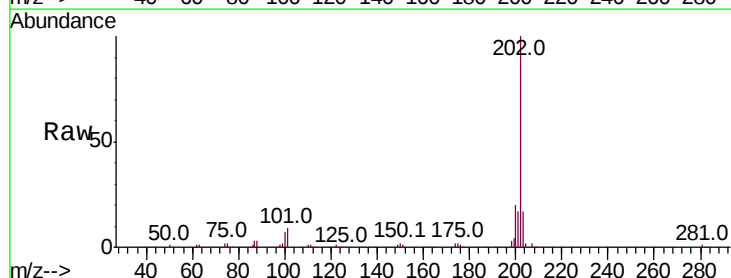
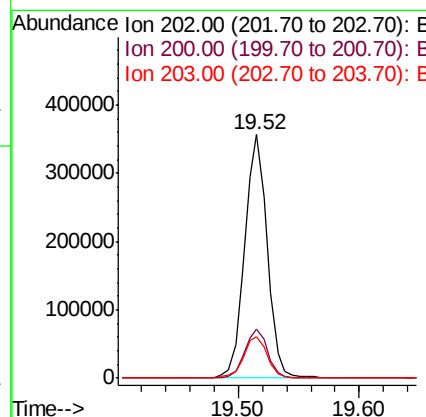
RT: 19.52 min Scan# 2810

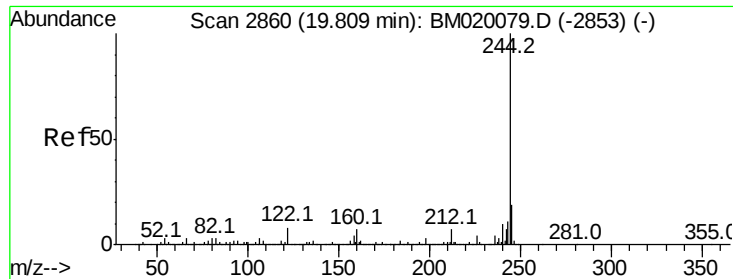
Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	202	Resp:	466308
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	17.2	13.9	20.9





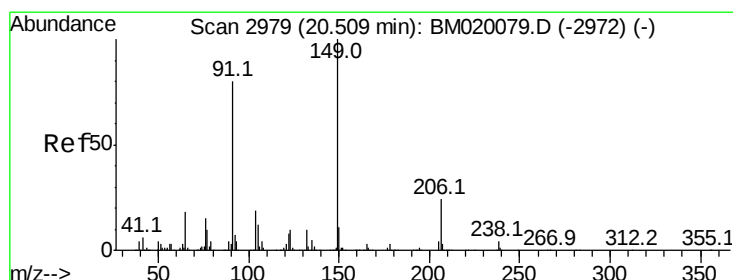
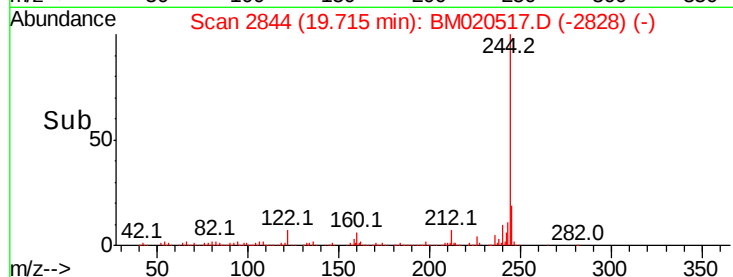
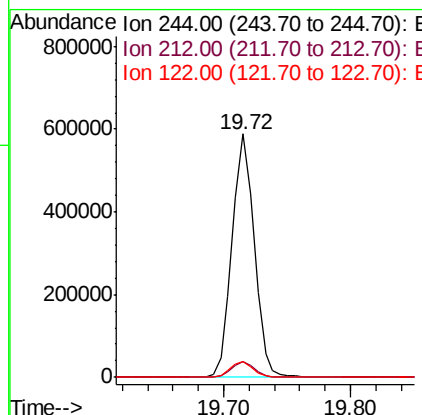
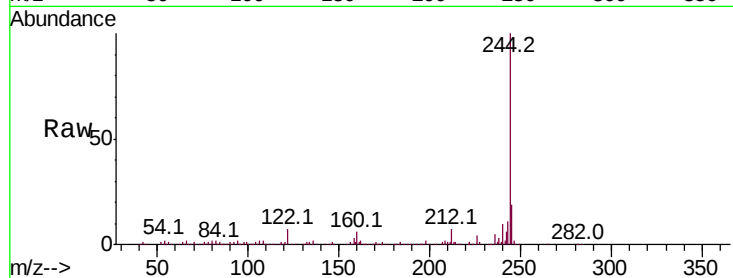
#79
 Terphenyl-d14
 Concen: 52.478 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.7	6.2	9.2

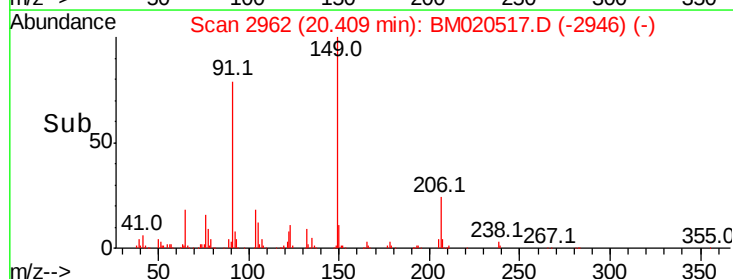
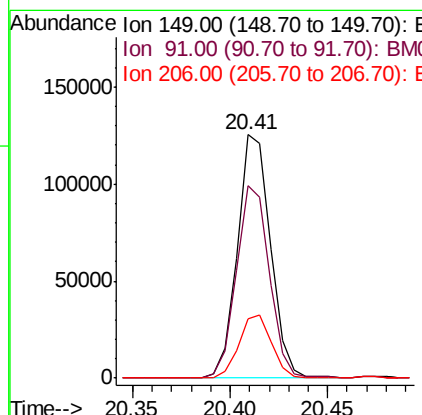
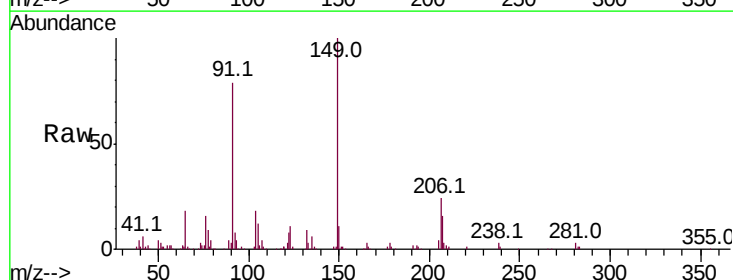
Manual Integrations
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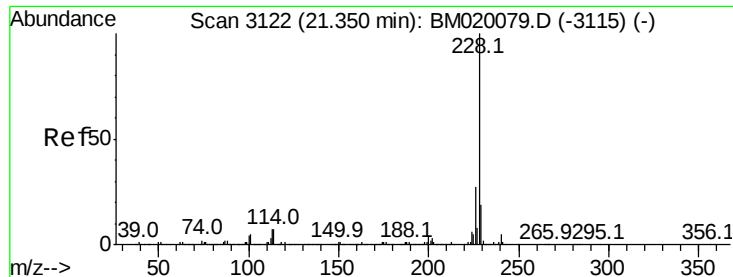
Sohil
 5/24/2019 5:01:35 PM



#80
 Butylbenzylphthalate
 Concen: 25.399 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	63.8	95.8
206	24.4	18.9	28.3





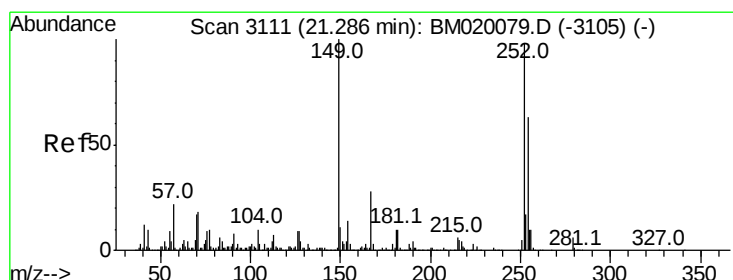
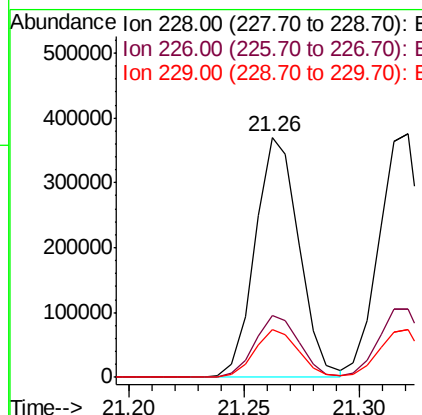
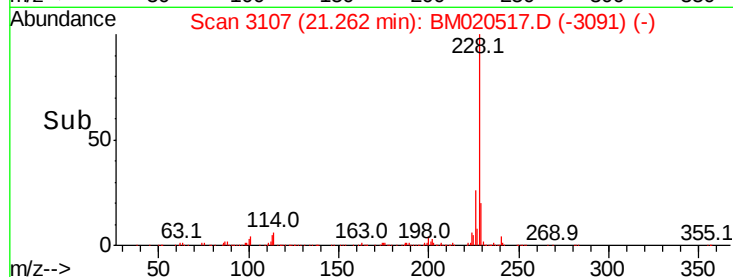
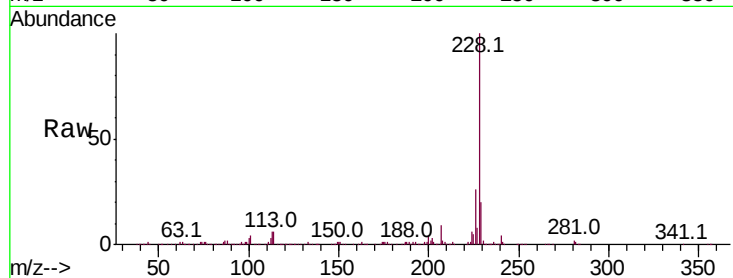
#81
Benzo(a)anthracene
Concen: 29.445 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.3	31.9
229	19.7	15.5	23.3

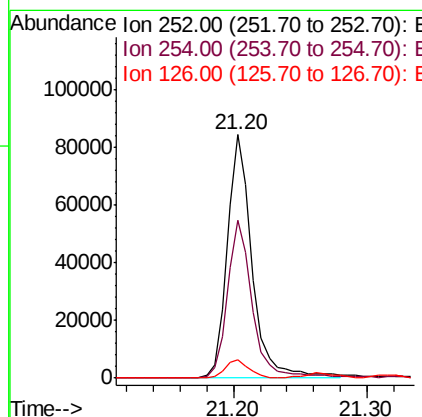
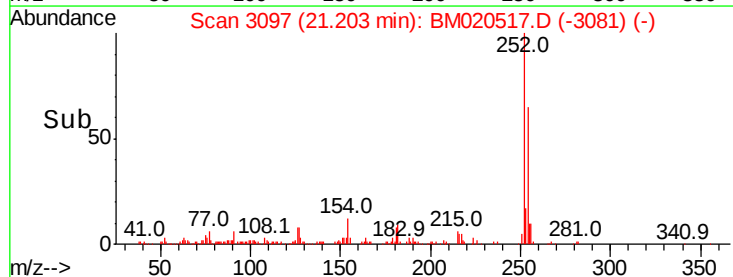
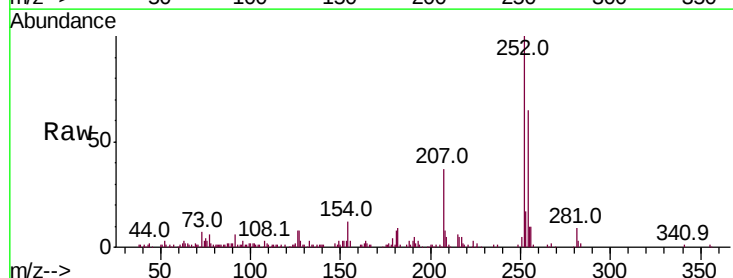
Manual Integrations
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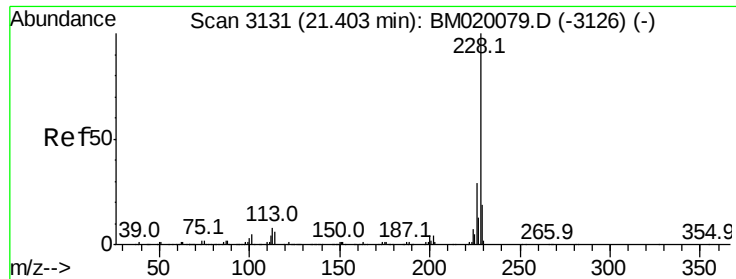
Sohil
5/24/2019 5:01:35 PM



#82
3,3'-Dichlorobenzidine
Concen: 17.456 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	7.6	7.1	10.7





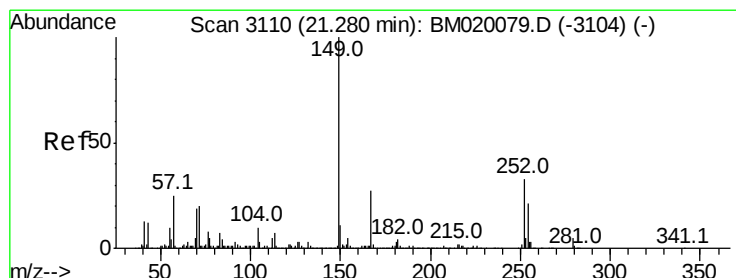
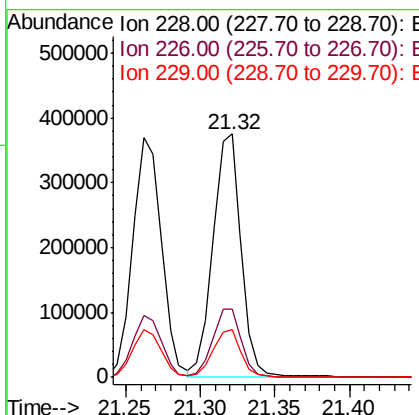
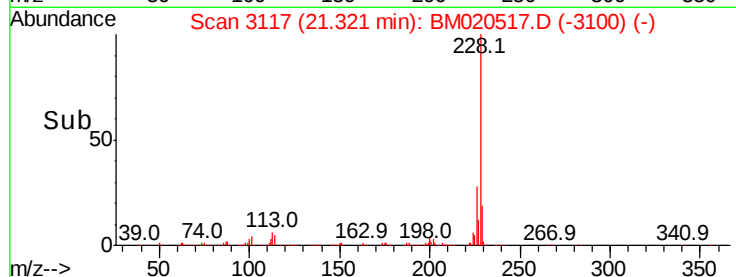
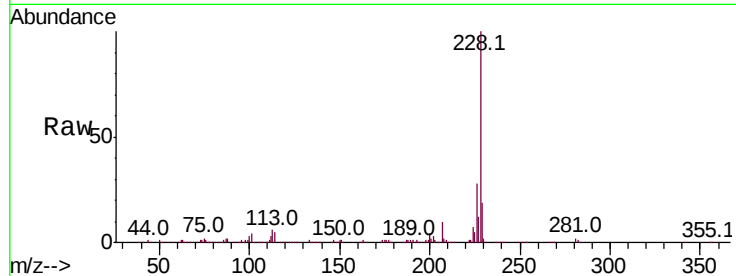
#83
Chrysene
Concen: 30.667 ng
RT: 21.32 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.2	23.0	34.6		
229	19.5	15.5	23.3		

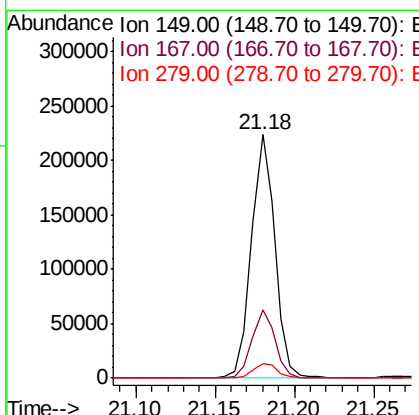
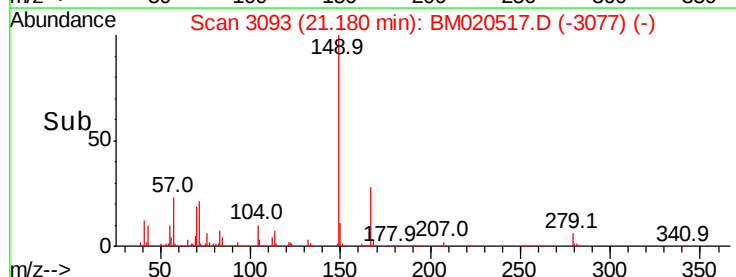
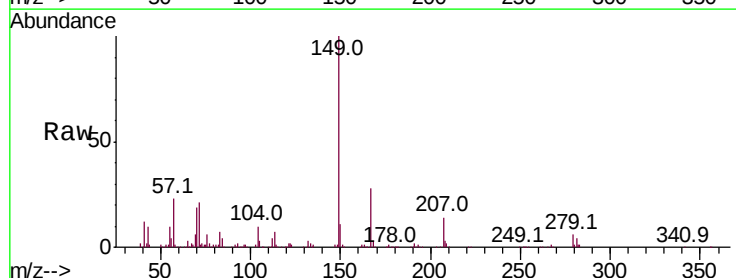
Manual Integrations
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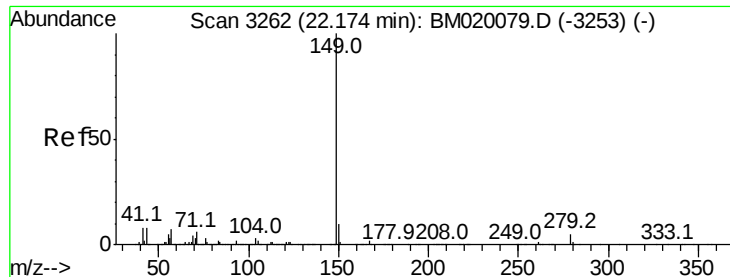
Sohil
5/24/2019 5:01:35 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.416 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.2	21.8	32.8		
279	5.9	4.2	6.2		





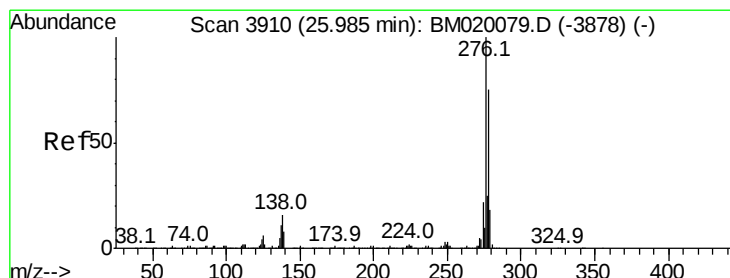
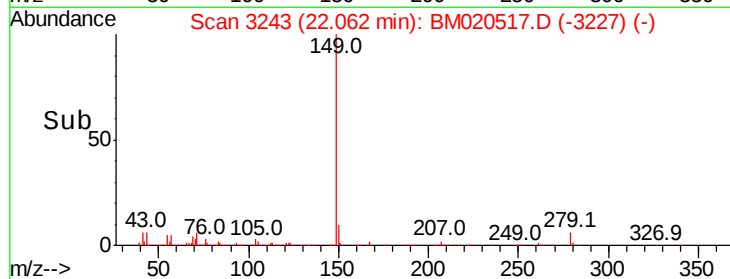
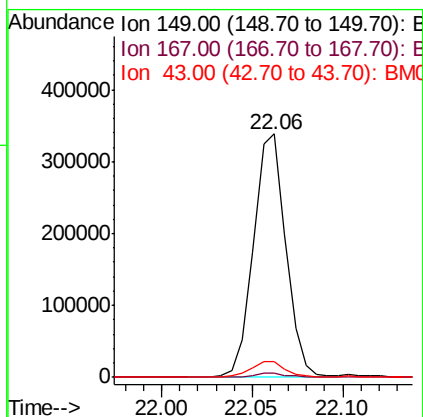
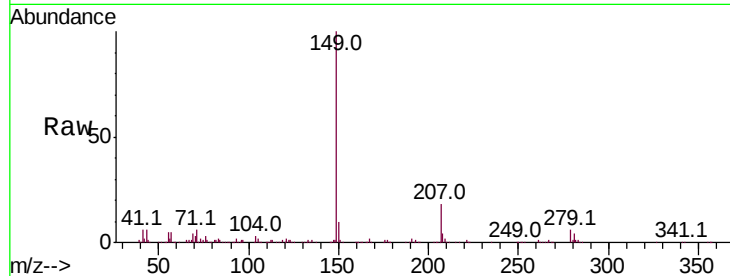
#85
Di-n-octyl phthalate
Concen: 28.068 ng
RT: 22.06 min Scan# 3243
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

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

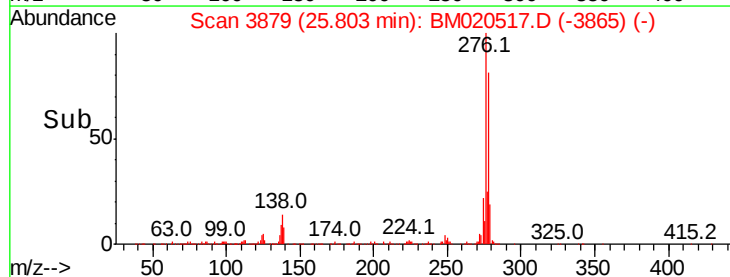
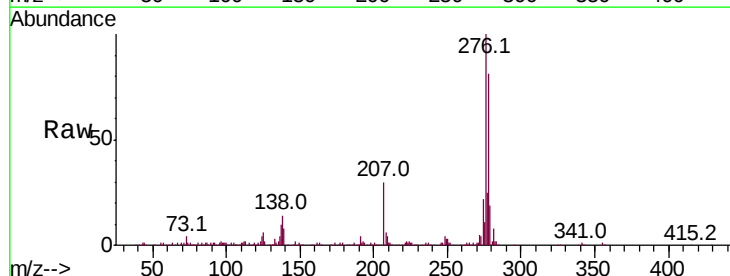
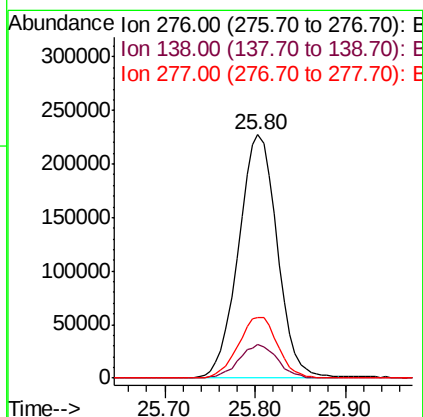
Manual Integrations
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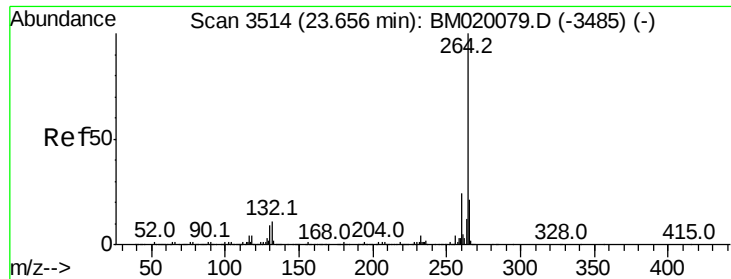
Sohil
5/24/2019 5:01:35 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.242 ng
RT: 25.80 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.8	0.0	0.0#
277	25.6	0.0	0.0#





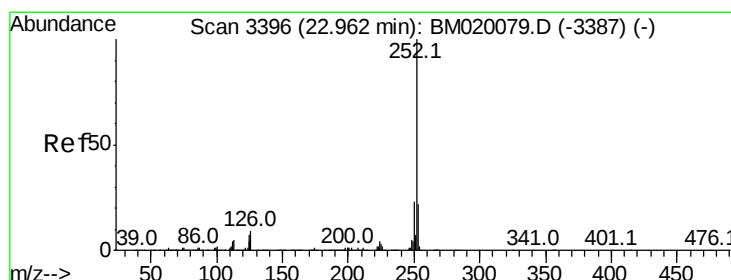
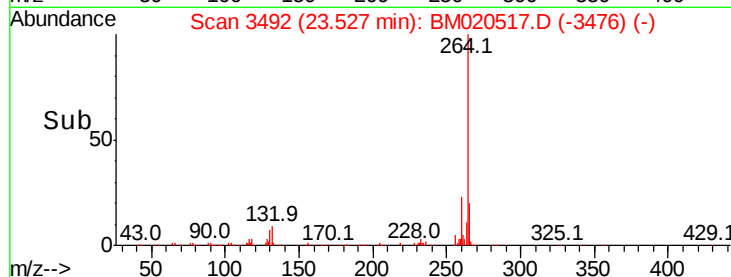
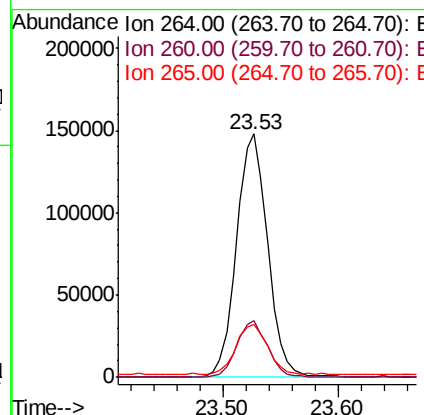
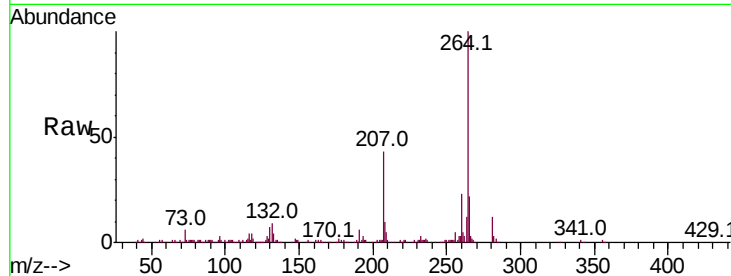
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

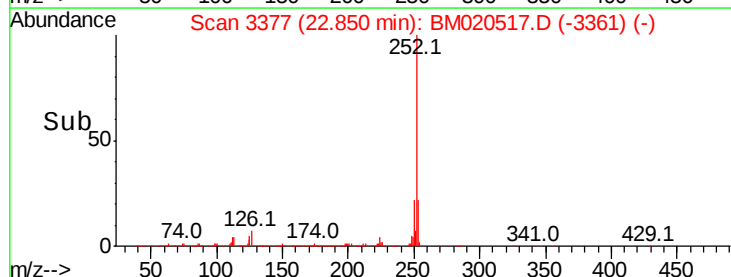
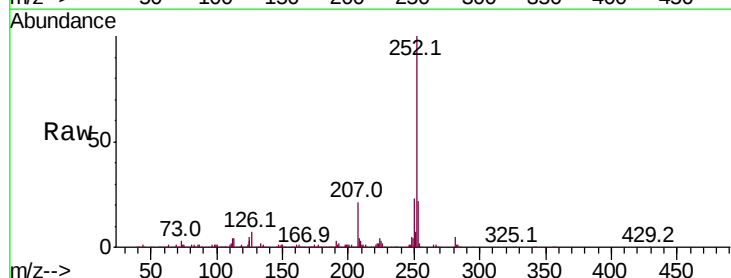
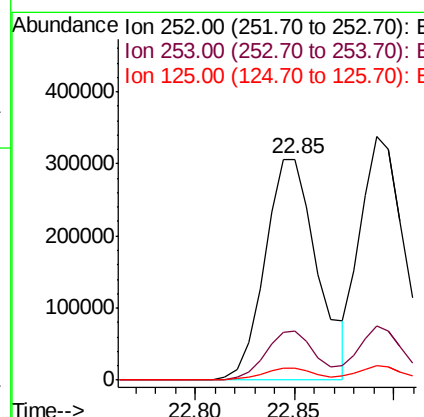
Manual Integrations
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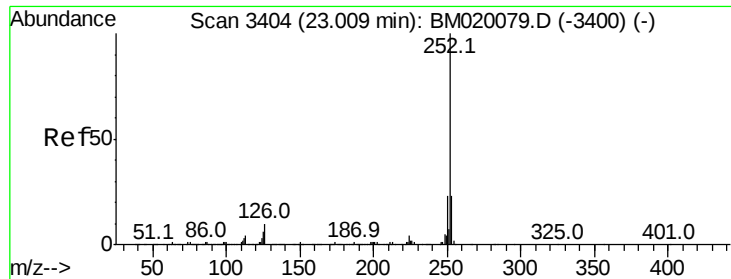
Sohil
5/24/2019 5:01:35 PM



#88
Benzo(b)fluoranthene
Concen: 30.883 ng m
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	5.3	5.4	8.2#





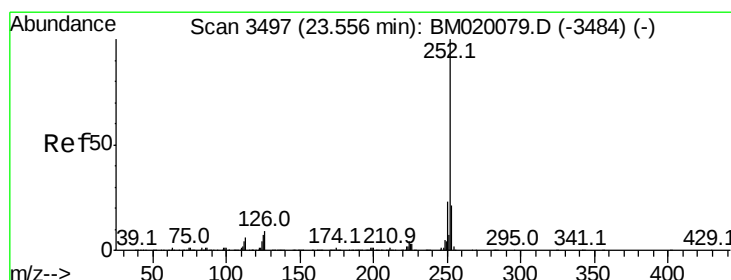
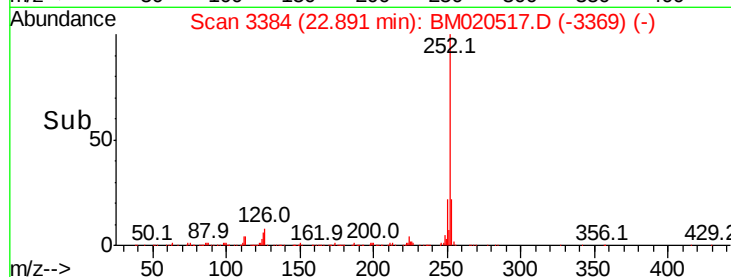
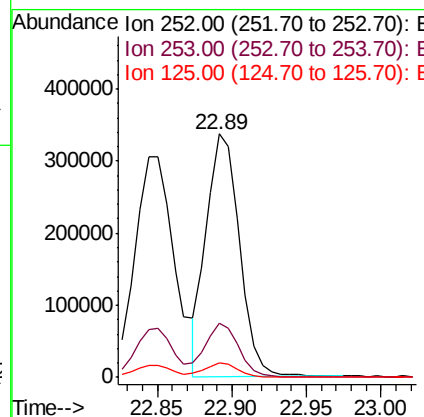
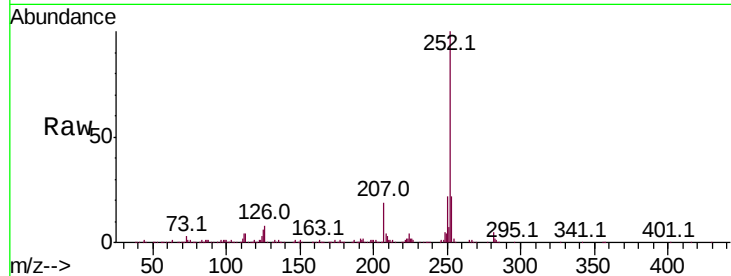
#89
Benzo(k)fluoranthene
Concen: 31.019 ng
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.9	5.4	8.0

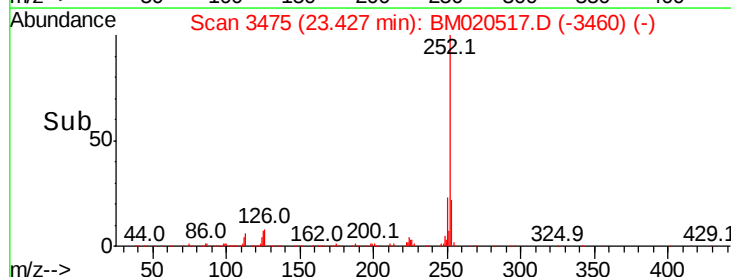
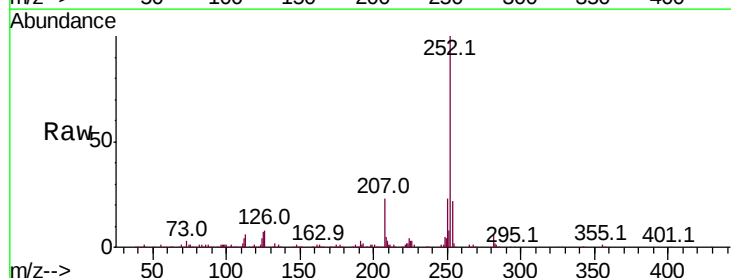
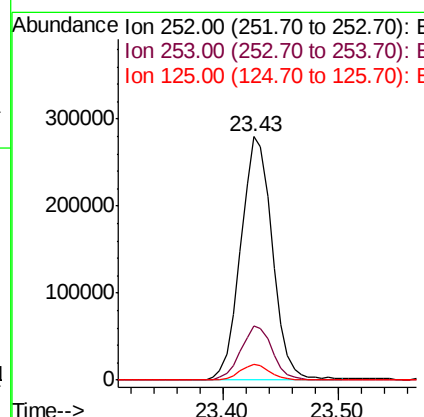
Manual Integrations
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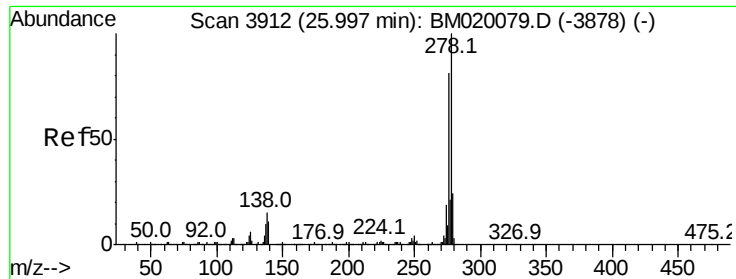
Sohil
5/24/2019 5:01:35 PM



#90
Benzo(a)pyrene
Concen: 31.845 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	6.6	5.5	8.3





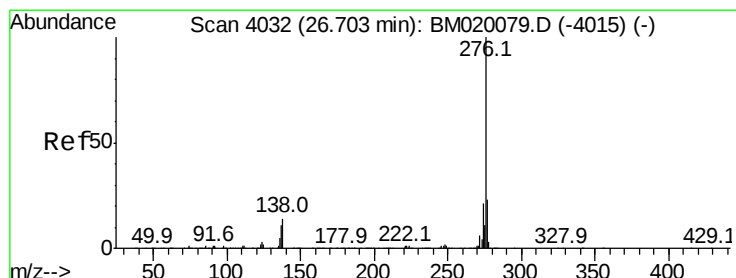
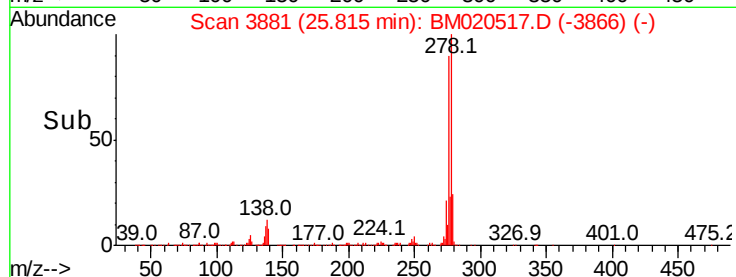
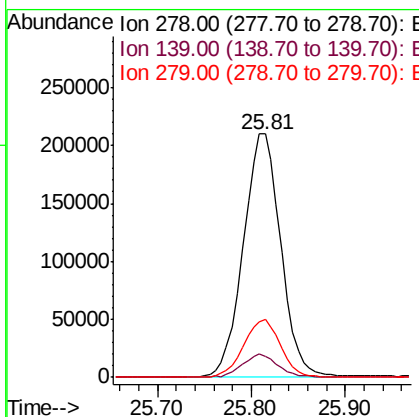
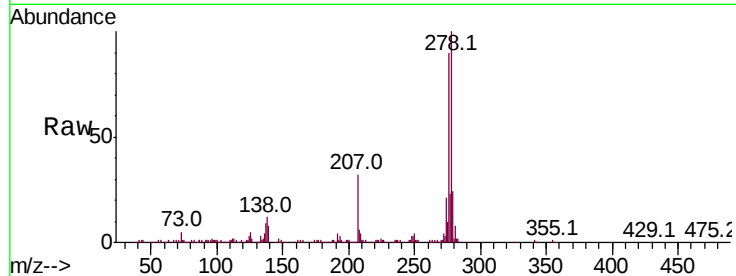
#91
Dibenzo(a,h)anthracene
Concen: 33.532 ng
RT: 25.81 min Scan# 3881
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.6	13.0#
279	23.9	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/24/2019 5:01:35 PM



#92
Benzo(g,h,i)perylene
Concen: 34.793 ng
RT: 26.51 min Scan# 3999
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	11.3	11.1	16.7

