

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

Quant Time: May 24 02:06:30 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	27882	25.497	ng	89
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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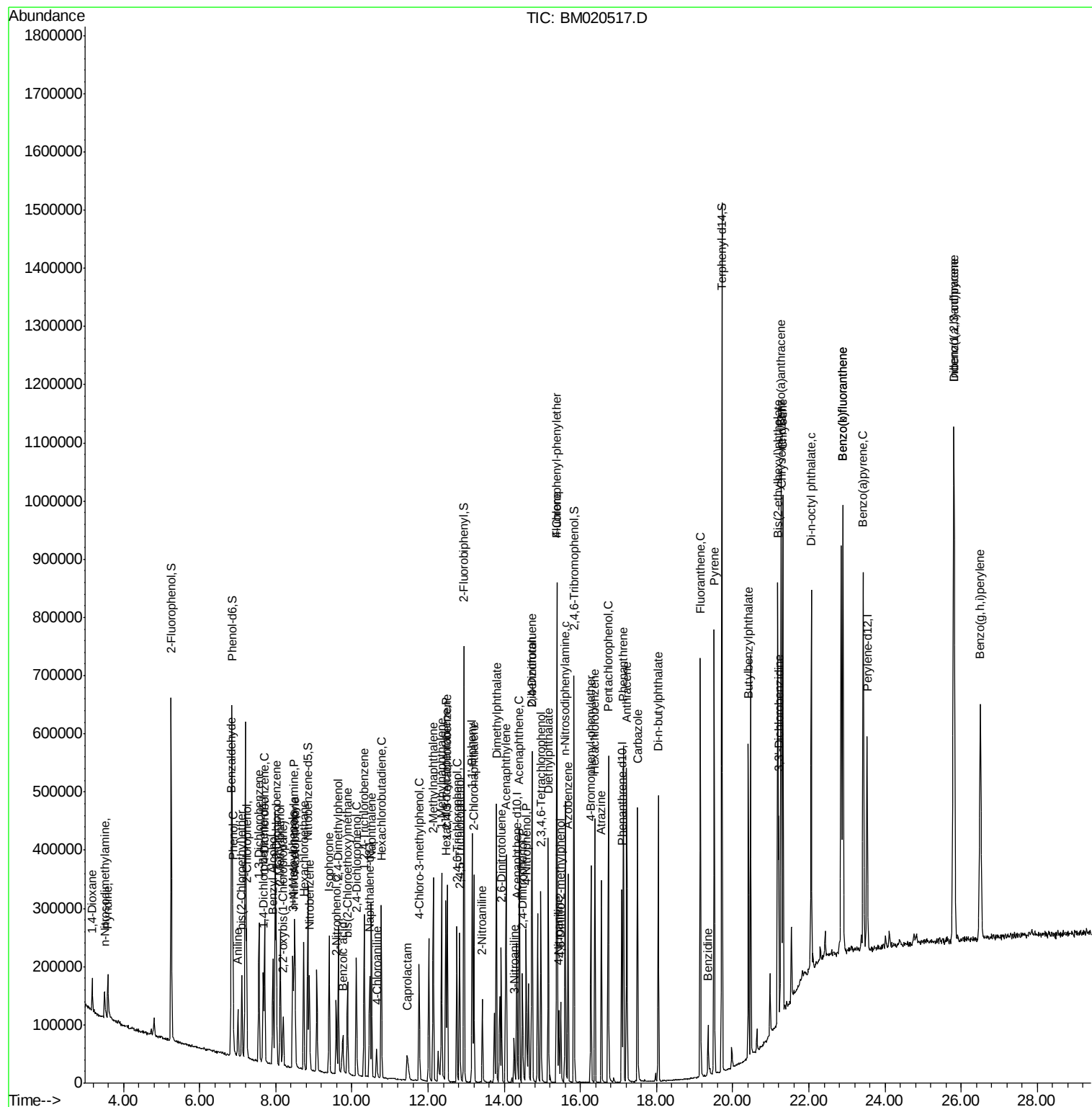
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	88519	48.592	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	67746	38.529	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	70503	35.892	ng	95
46) 1,1'-Biphenyl	13.16	154	214240	32.915	ng	99
47) 2-Chloronaphthalene	13.20	162	175112	33.696	ng	96
48) 2-Nitroaniline	13.43	65	41537	22.450	ng	91
49) Acenaphthylene	14.05	152	259246	31.170	ng	99
50) Dimethylphthalate	13.79	163	279489	41.584	ng	99
51) 2,6-Dinitrotoluene	13.93	165	43922	31.027	ng	88
52) Acenaphthene	14.39	154	151927	31.854	ng	99
53) 3-Nitroaniline	14.26	138	17990	13.693	ng	95
54) 2,4-Dinitrophenol	14.48	184	43301	63.072	ng	# 84
55) Dibenzofuran	14.73	168	266886	33.174	ng	96
56) 4-Nitrophenol	14.57	139	61776	55.109	ng	86
57) 2,4-Dinitrotoluene	14.72	165	60705	31.559	ng	96
58) Fluorene	15.39	166	208881	31.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	71631	38.374	ng	# 92
60) Diethylphthalate	15.16	149	202535	29.910	ng	97
61) 4-Chlorophenyl-phenylether	15.38	204	126566	33.808	ng	91
62) 4-Nitroaniline	15.43	138	26681	18.401	ng	91
63) Azobenzene	15.67	77	217445	27.220	ng	95
65) 4,6-Dinitro-2-methylphenol	15.49	198	32186	34.714	ng	92
66) n-Nitrosodiphenylamine	15.60	169	181550	31.323	ng	98
67) 4-Bromophenyl-phenylether	16.27	248	78736	32.597	ng	# 92
68) Hexachlorobenzene	16.38	284	96211	34.614	ng	93
69) Atrazine	16.55	200	65049	28.718	ng	98
70) Pentachlorophenol	16.73	266	107747	67.750	ng	98
71) Phenanthrene	17.13	178	345925	31.814	ng	99
72) Anthracene	17.22	178	343411	31.589	ng	99
73) Carbazole	17.50	167	297742	30.353	ng	98
74) Di-n-butylphthalate	18.04	149	323015	27.362	ng	99
75) Fluoranthene	19.15	202	458697	33.342	ng	98
77) Benzidine	19.35	184	65623	8.665	ng	98
78) Pyrene	19.52	202	466308	29.319	ng	99
80) Butylbenzylphthalate	20.41	149	146902	25.399	ng	99
81) Benzo(a)anthracene	21.26	228	489163	29.445	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	110682	17.456	ng	98
83) Chrysene	21.32	228	494104	30.667	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	228101	25.416	ng	98
85) Di-n-octyl phthalate	22.06	149	418683	28.068	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.80	276	675397	35.242	ng	# 100
88) Benzo(b)fluoranthene	22.89	252	498316	27.243	ng	99
89) Benzo(k)fluoranthene	22.89	252	517556	31.019	ng	99
90) Benzo(a)pyrene	23.43	252	529095	31.845	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	579374	33.532	ng	# 98
92) Benzo(g,h,i)perylene	26.51	276	570750	34.793	ng	97

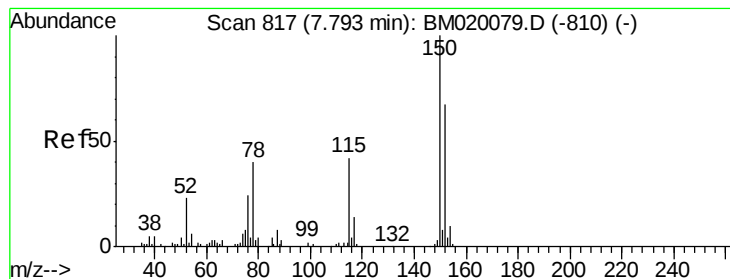
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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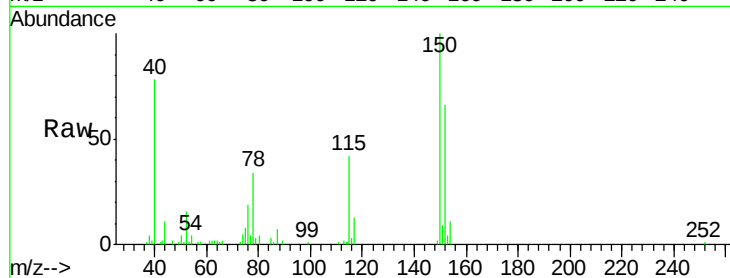


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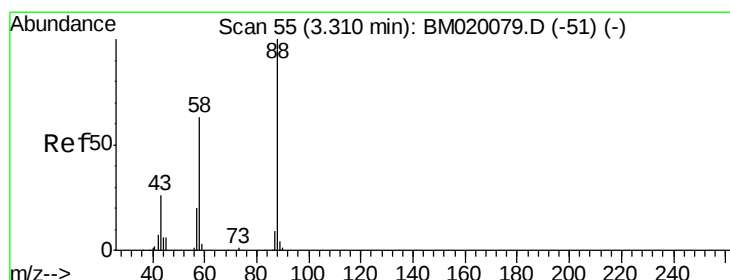
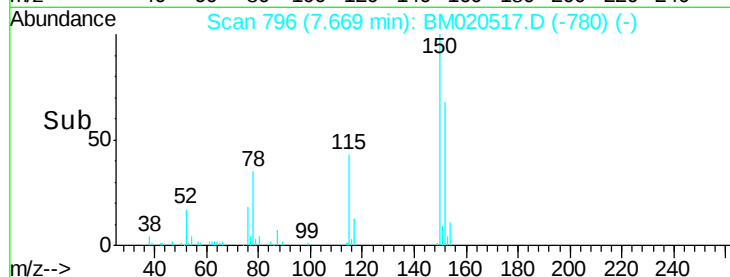
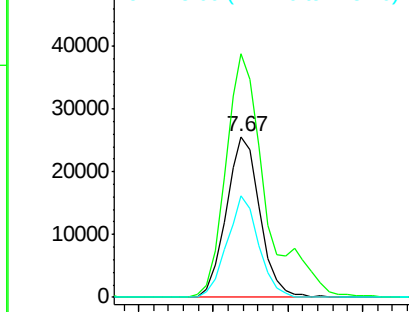
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

Tgt Ion:152 Resp: 40254
Ion Ratio Lower Upper
152 100
150 151.5 119.8 179.8
115 63.6 50.8 76.2



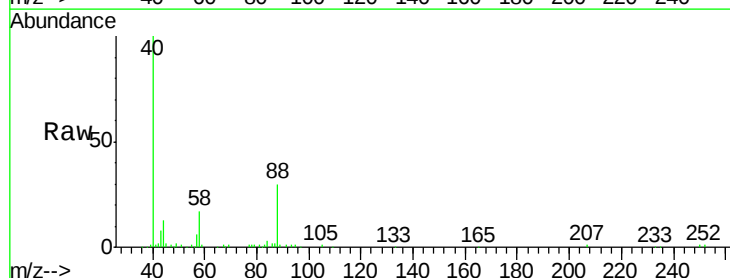
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



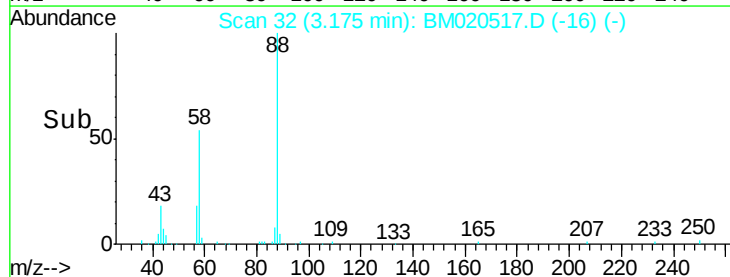
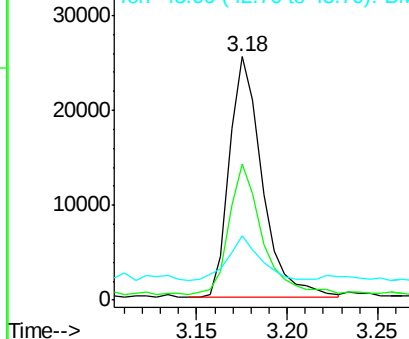
#2

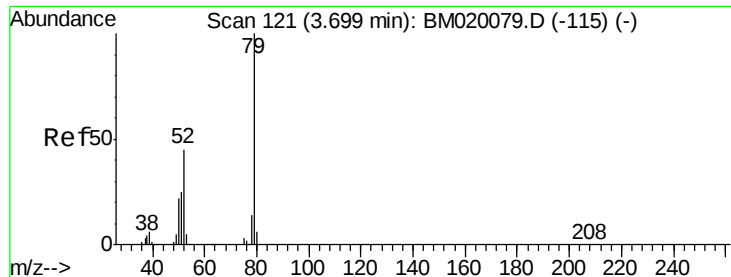
1,4-Dioxane
Concen: 26.268 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

Tgt Ion: 88 Resp: 31727
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

Pyridine

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

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

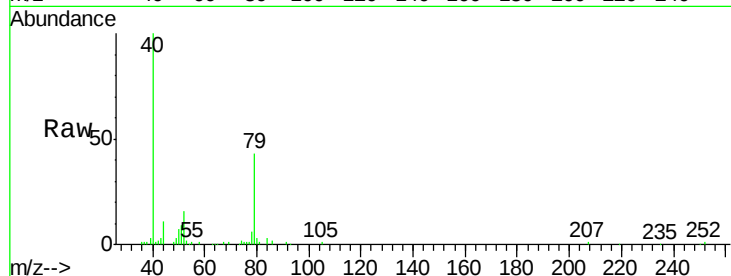
Tgt Ion: 79 Resp: 70050

Ion Ratio Lower Upper

79 100

52 36.9 35.7 53.5

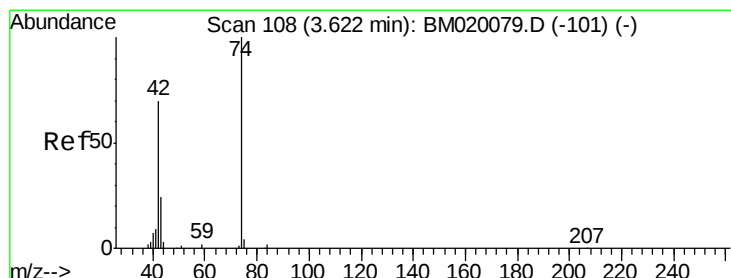
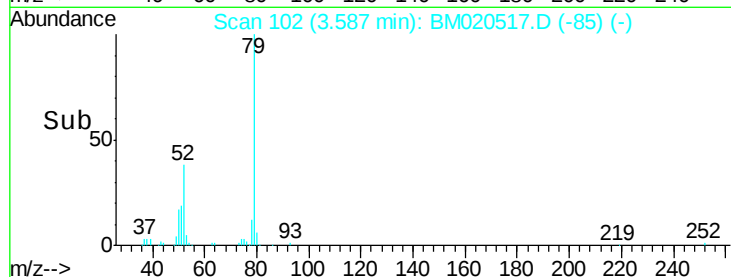
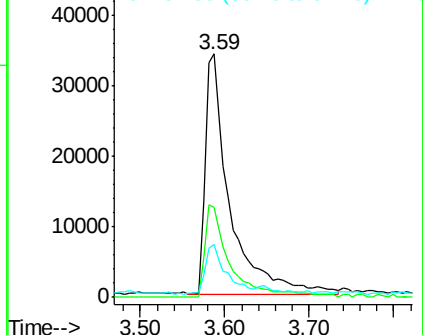
51 21.6 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#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

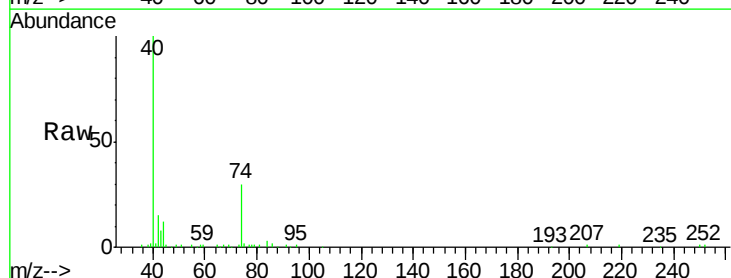
Tgt Ion: 42 Resp: 24149

Ion Ratio Lower Upper

42 100

74 200.3 113.7 170.5#

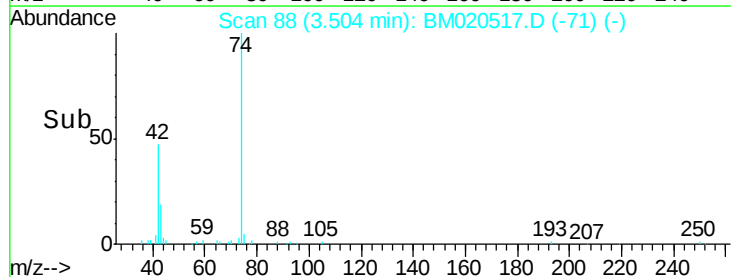
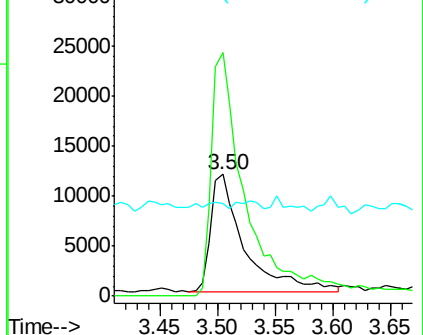
44 76.4 3.9 5.9#

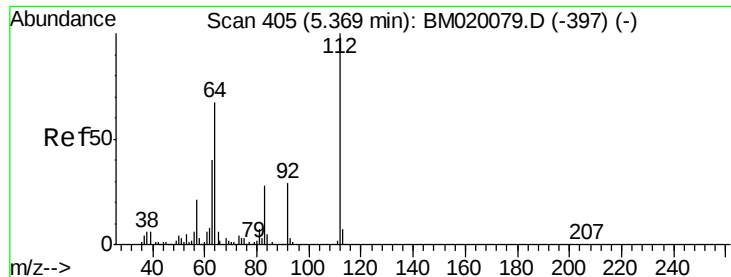


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#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

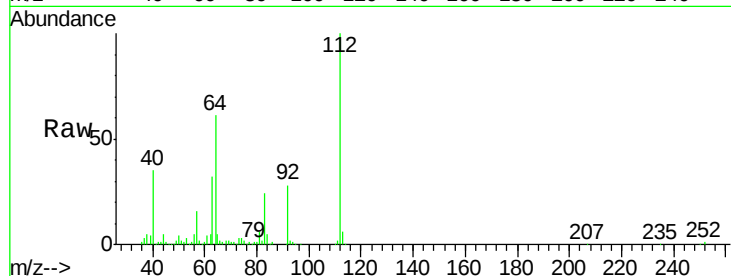
Instrument :

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ClientSampleId :

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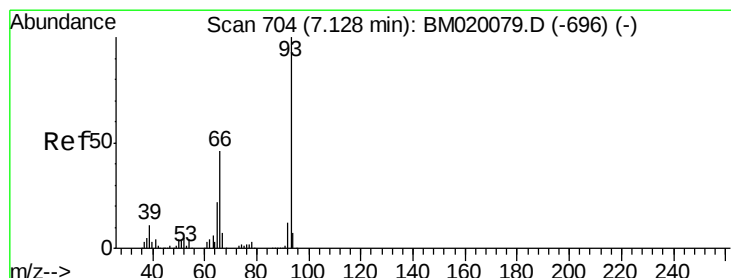
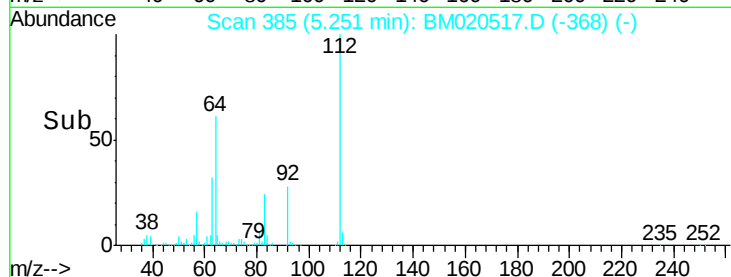
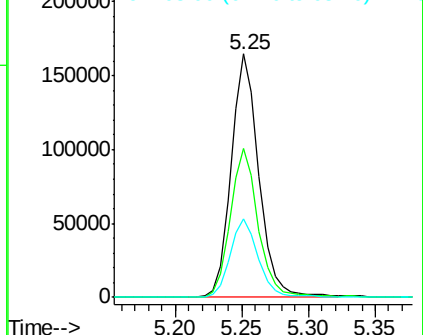
Tgt Ion:	112	Resp:	238417
Ion Ratio	Lower	Upper	
112	100		
64	61.0	53.8	80.6
63	32.3	32.3	48.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 12.745 ng

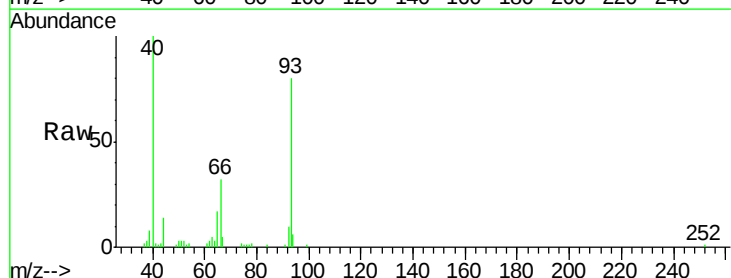
RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM020517.D

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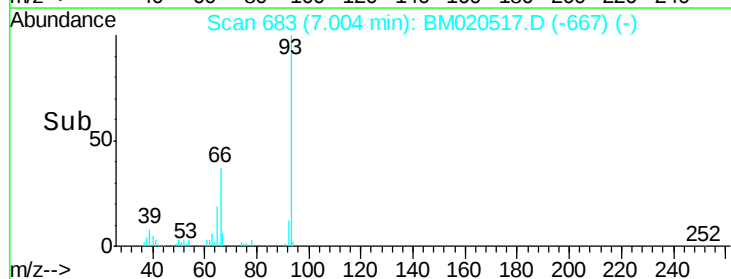
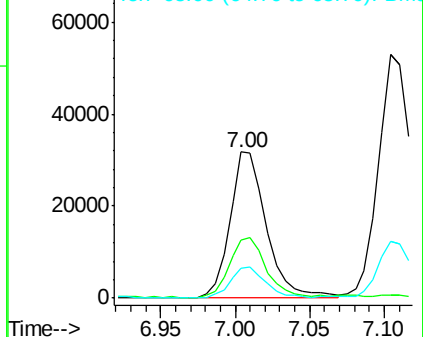
Tgt Ion:	93	Resp:	53975
Ion Ratio	Lower	Upper	
93	100		
66	39.9	36.6	54.8
65	20.7	17.8	26.6

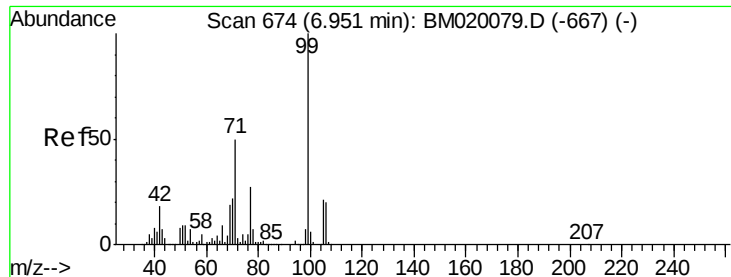


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 94.625 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

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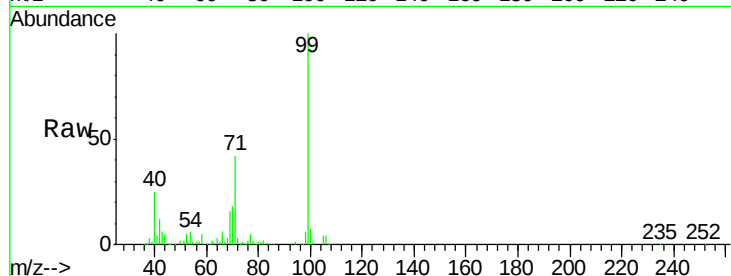
Tgt Ion: 99 Resp: 318347

Ion Ratio Lower Upper

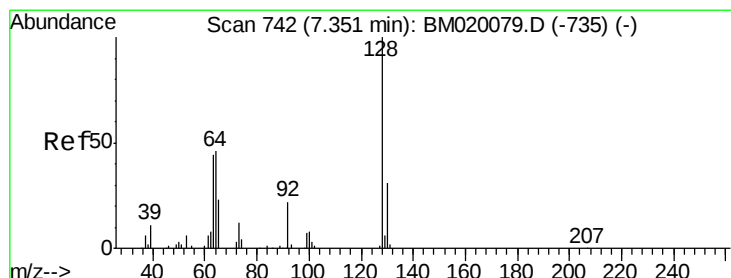
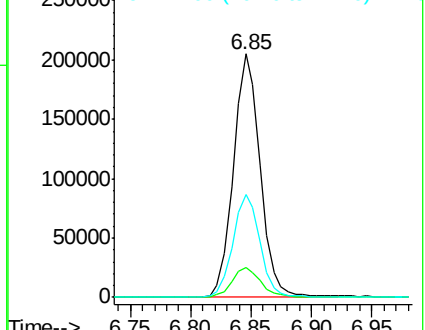
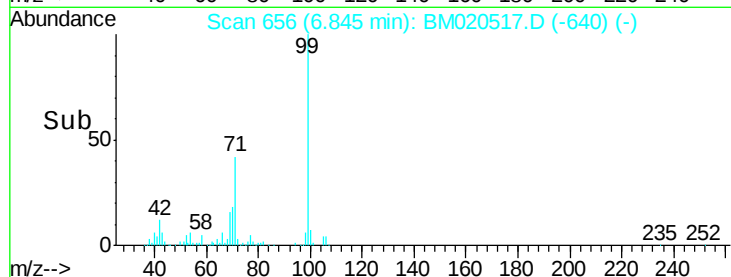
99 100

42 12.1 14.2 21.2#

71 42.1 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020517.D (-640) (-)



#8

2-Chlorophenol

Concen: 30.595 ng

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

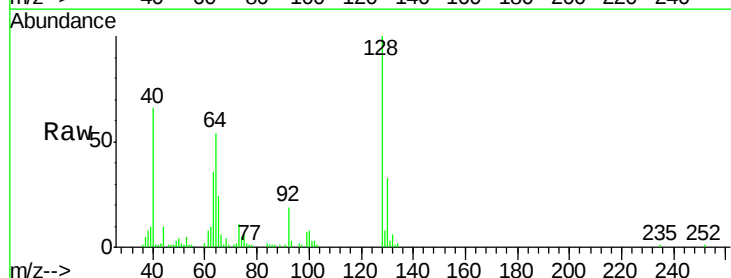
Tgt Ion: 128 Resp: 82039

Ion Ratio Lower Upper

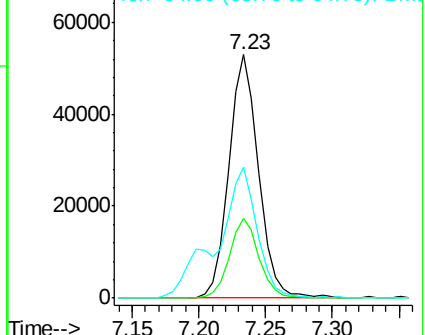
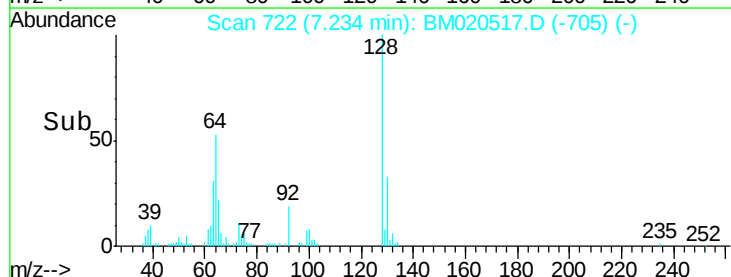
128 100

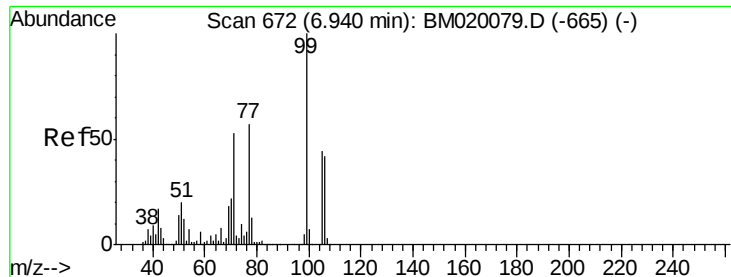
130 32.7 10.8 50.8

64 54.0 36.5 76.5



Abundance Ion 128.00 (127.70 to 128.70): BM020517.D (-705) (-)





#9

Benzaldehyde

Concen: 23.574 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

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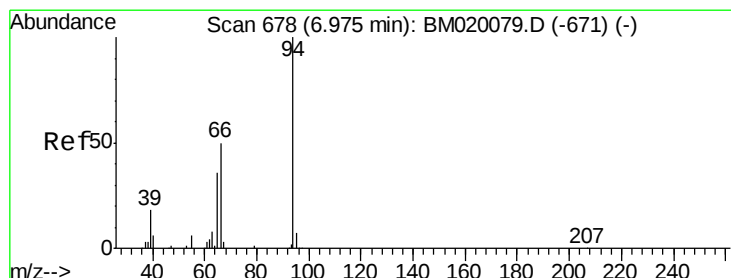
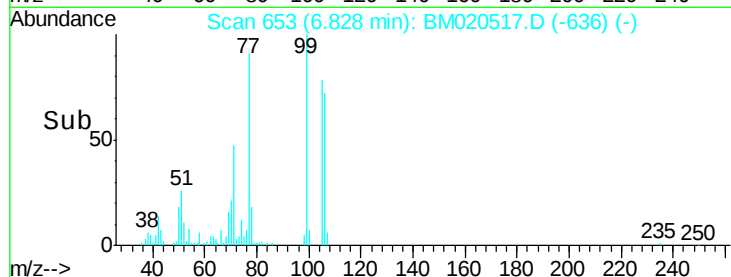
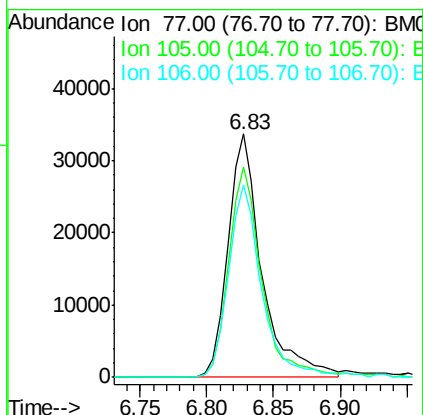
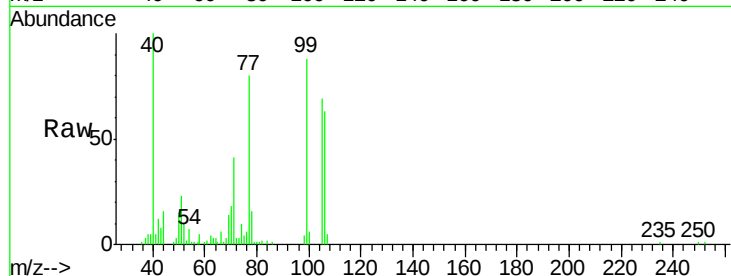
Tgt Ion: 77 Resp: 60028

Ion Ratio Lower Upper

77 100

105 86.4 57.8 97.8

106 78.9 53.6 93.6



#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

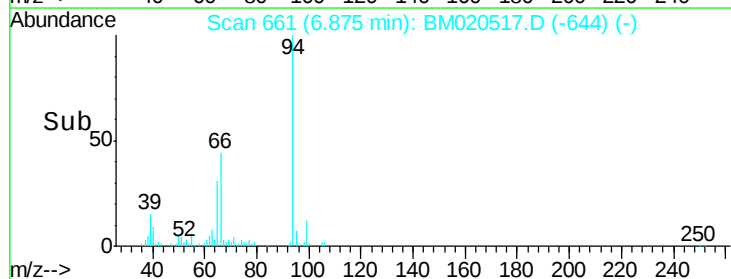
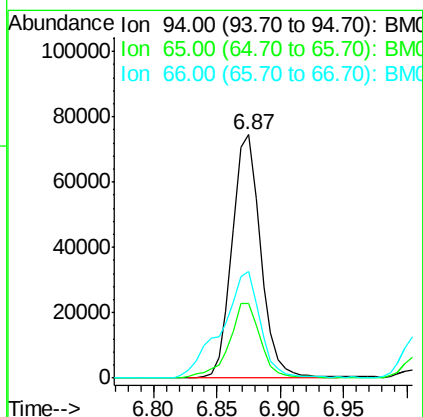
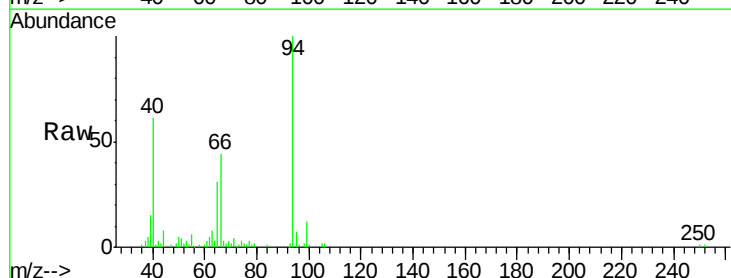
Tgt Ion: 94 Resp: 116501

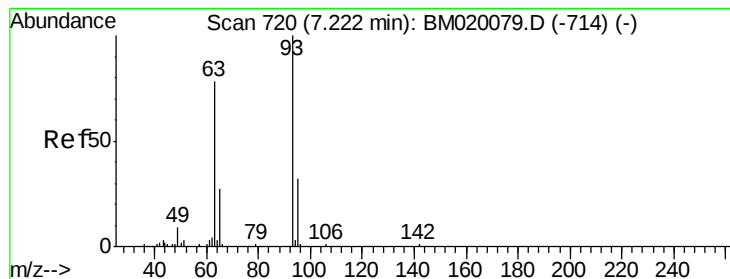
Ion Ratio Lower Upper

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

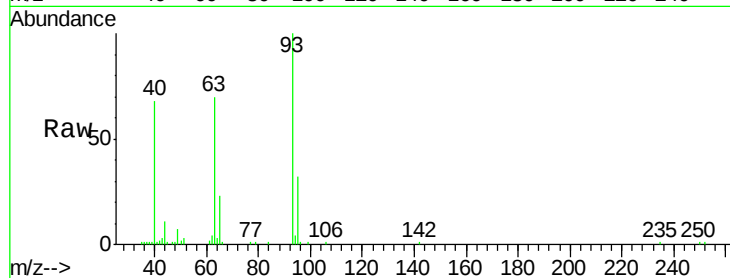
Tgt Ion: 93 Resp: 81033

Ion Ratio Lower Upper

93 100

63 69.6 57.9 97.9

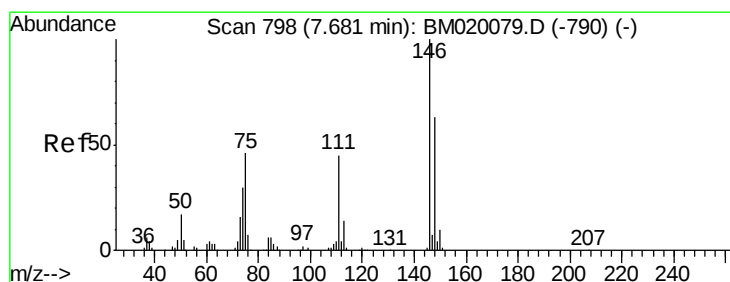
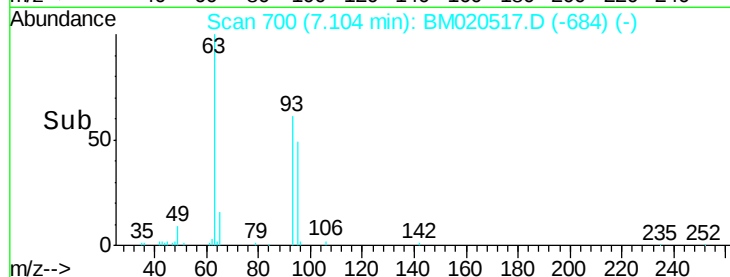
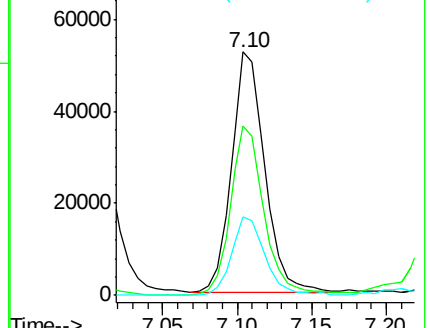
95 32.2 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020517.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM020517.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM020517.D (-684) (-)



#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

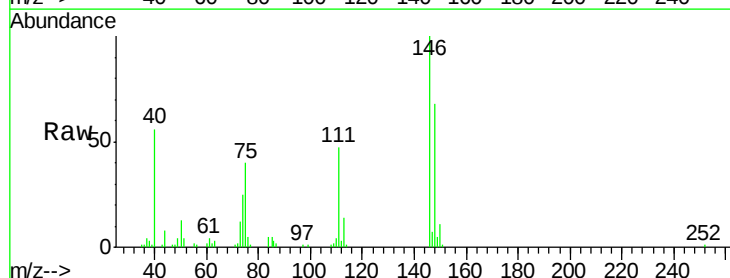
Tgt Ion: 146 Resp: 94324

Ion Ratio Lower Upper

146 100

148 68.4 50.1 75.1

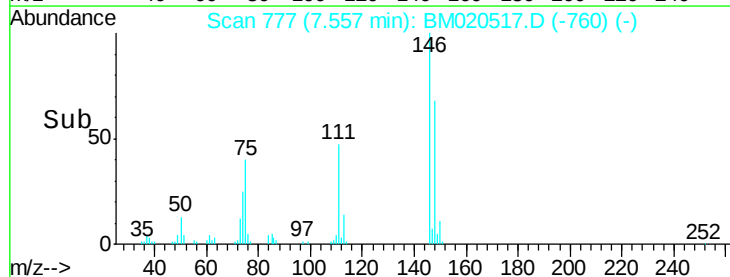
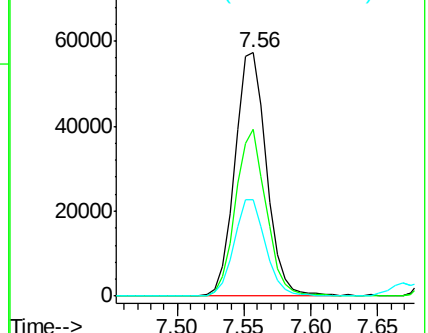
75 39.7 37.2 55.8

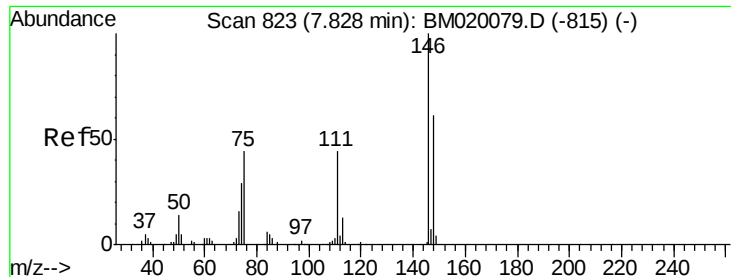


Abundance Ion 146.00 (145.70 to 146.70): BM020517.D (-760) (-)

Ion 148.00 (147.70 to 148.70): BM020517.D (-760) (-)

Ion 75.00 (74.70 to 75.70): BM020517.D (-760) (-)





#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

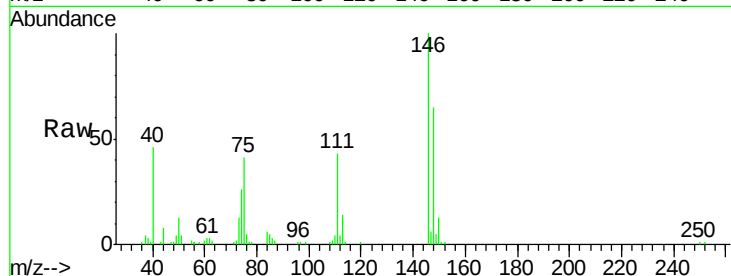
Tgt Ion:146 Resp: 98339

Ion Ratio Lower Upper

146 100

148 64.7 48.5 72.7

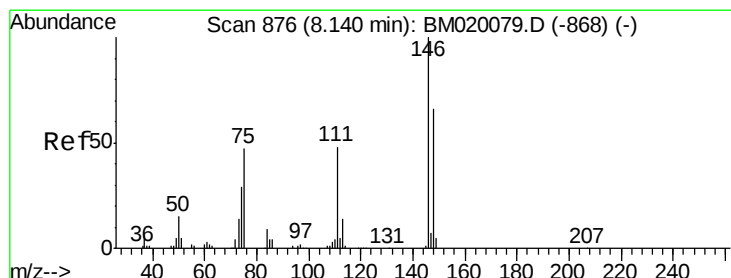
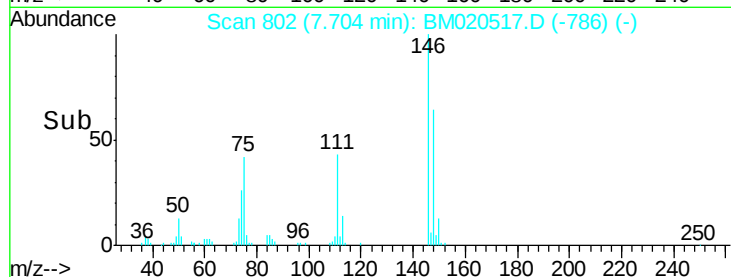
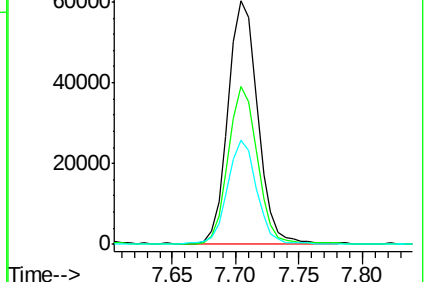
111 42.6 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

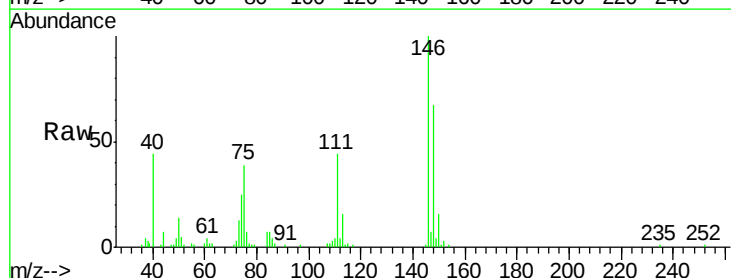
Tgt Ion:146 Resp: 93007

Ion Ratio Lower Upper

146 100

148 67.1 52.6 79.0

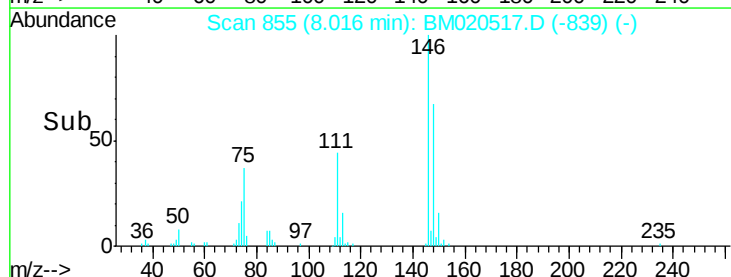
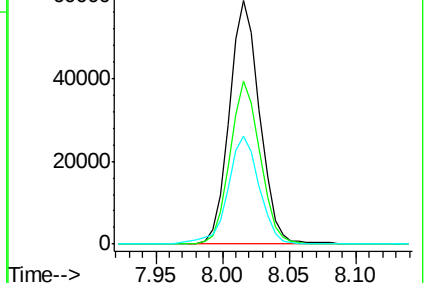
111 44.3 39.0 58.4

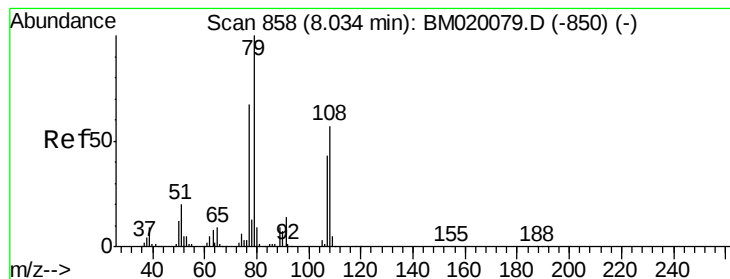


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

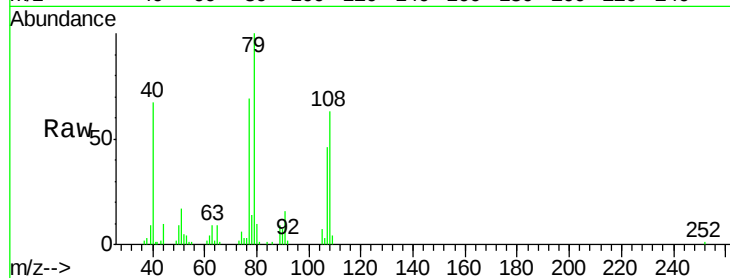
Tgt Ion: 79 Resp: 75797

Ion Ratio Lower Upper

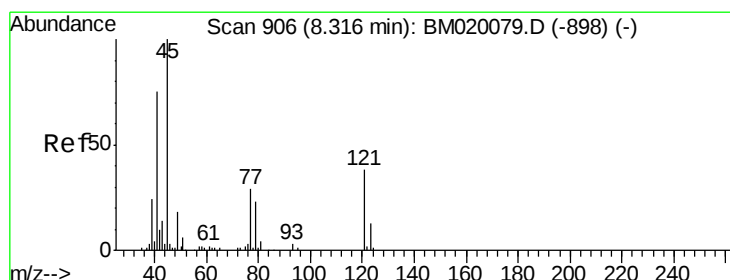
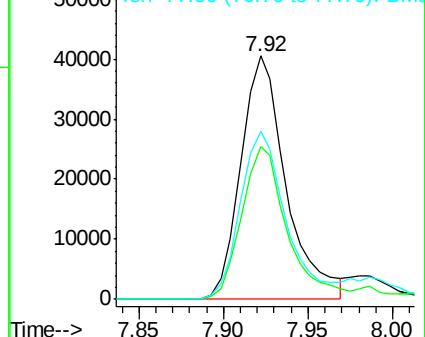
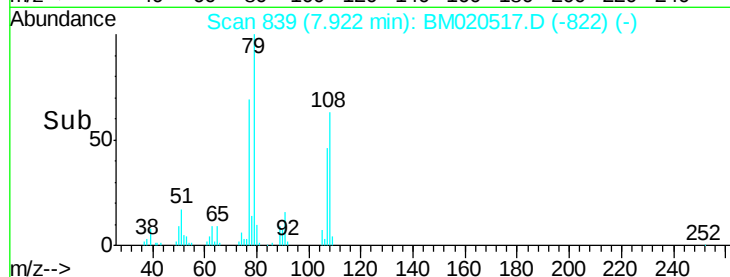
79 100

108 62.9 46.0 69.0

77 69.1 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020517.D (-822) (-)



#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

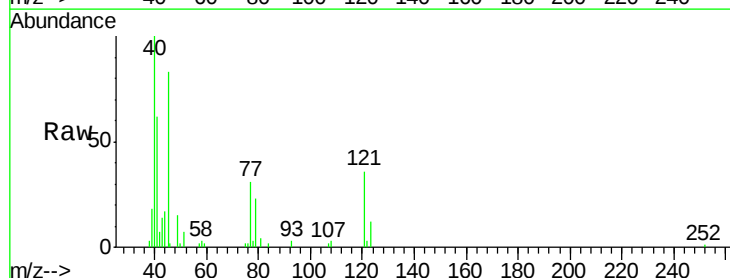
Tgt Ion: 45 Resp: 53975

Ion Ratio Lower Upper

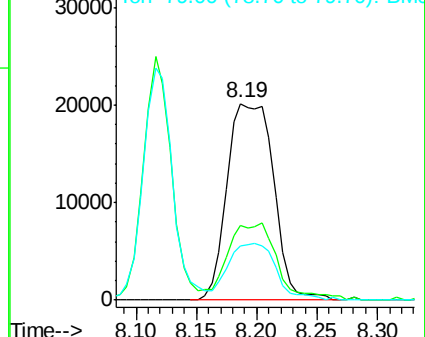
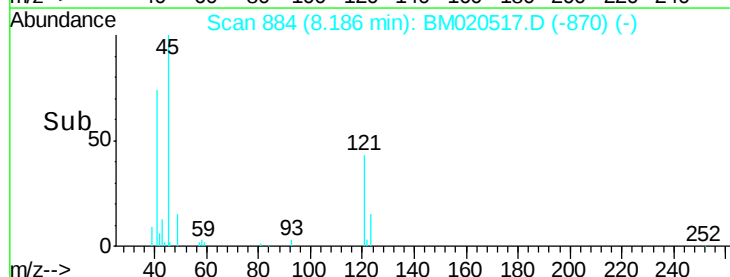
45 100

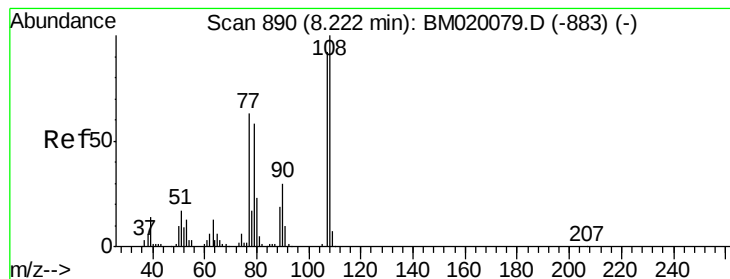
77 37.8 10.5 50.5

79 27.5 3.3 43.3



Abundance Ion 45.00 (44.70 to 45.70): BM020517.D (-870) (-)





#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

Tgt Ion:107 Resp: 69680

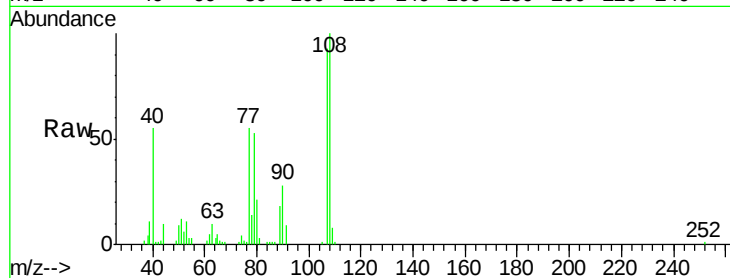
Ion Ratio Lower Upper

107 100

108 107.4 87.0 130.4

77 59.1 54.7 82.1

79 56.4 50.1 75.1

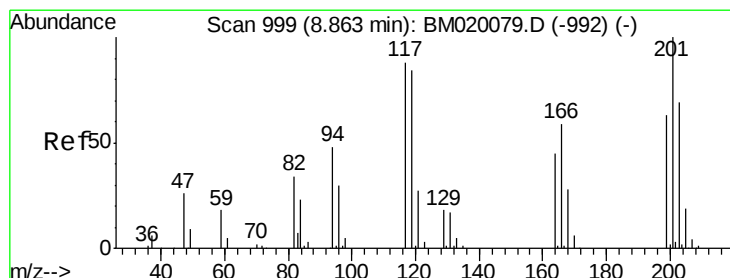
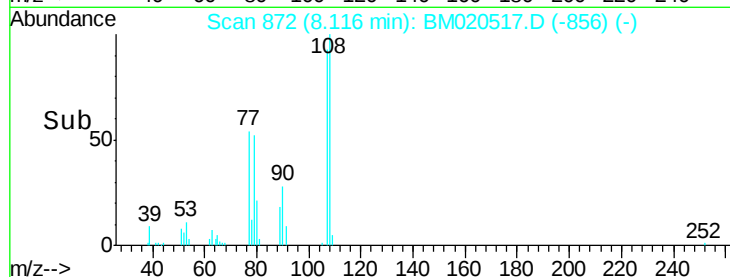
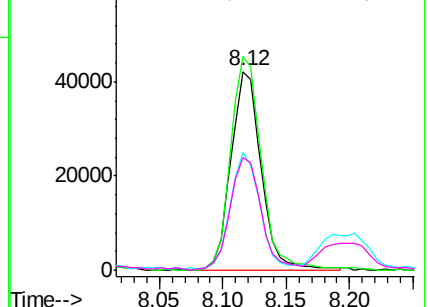


Abundance Ion 107.00 (106.70 to 107.70): E

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

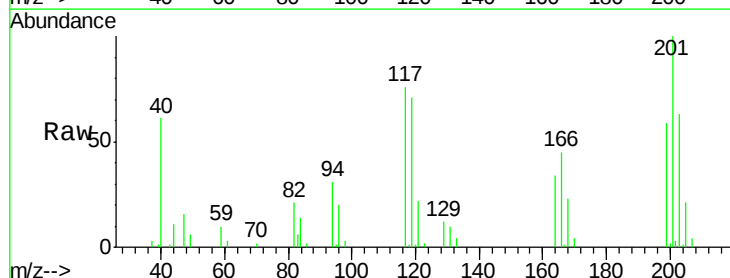
Tgt Ion:117 Resp: 36199

Ion Ratio Lower Upper

117 100

119 93.4 76.6 114.8

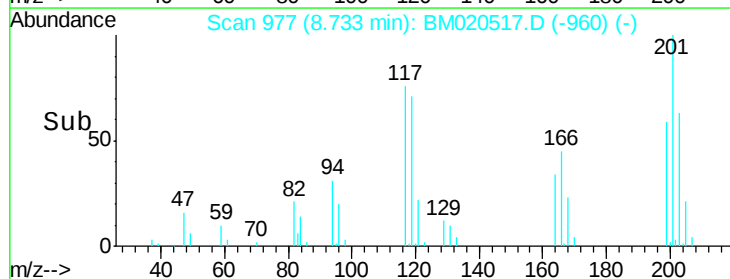
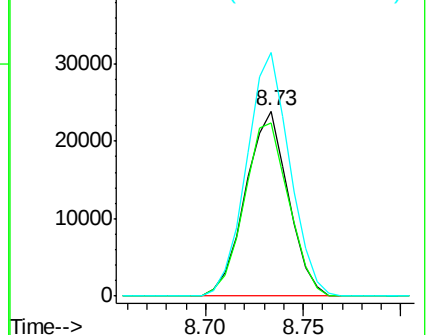
201 131.6 90.7 136.1

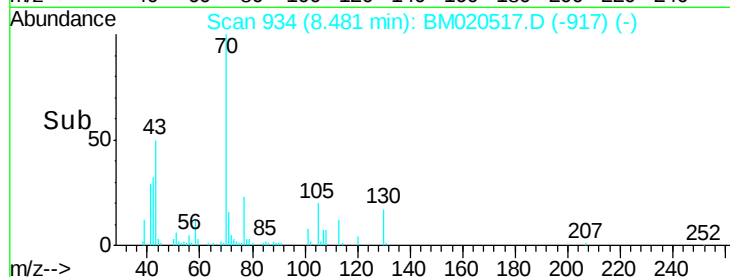
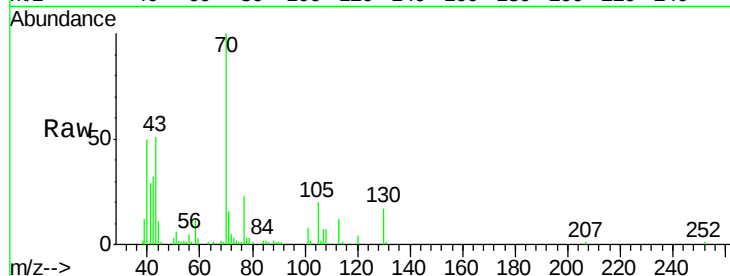
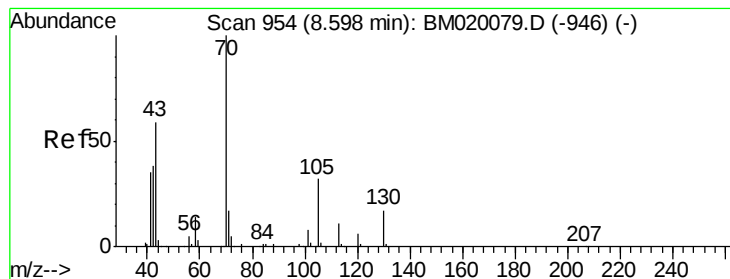


Abundance Ion 117.00 (116.70 to 117.70): E

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

Tgt Ion: 70 Resp: 69168

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

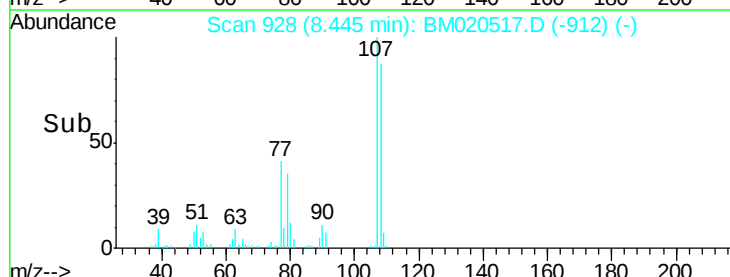
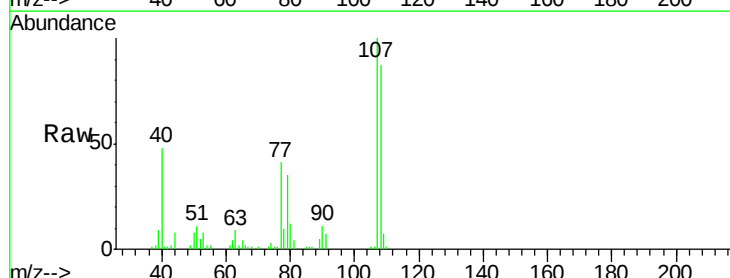
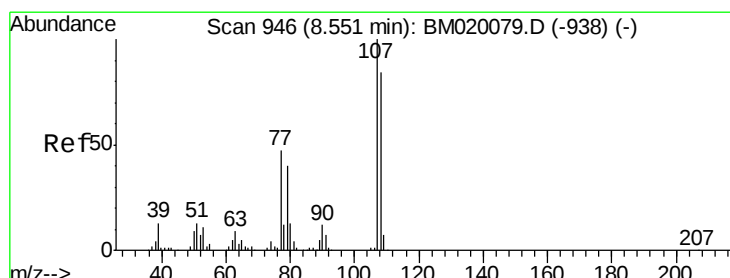
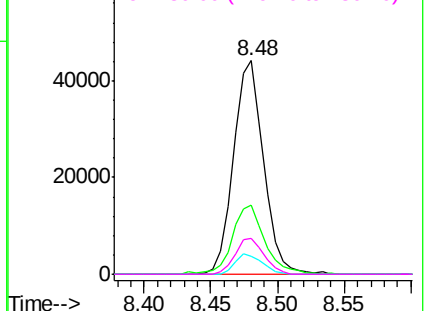
Abundance

Ion 70.00 (69.70 to 70.70): BM020517.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM020517.D (-917) (-)

Ion 101.00 (100.70 to 101.70): BM020517.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM020517.D (-917) (-)



#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: 107 Resp: 88968

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

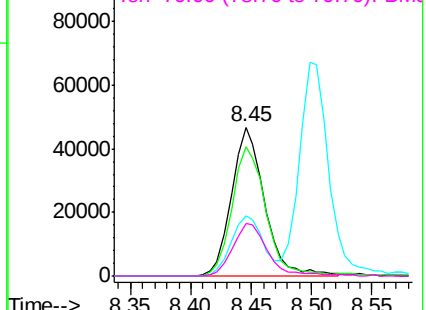
Abundance

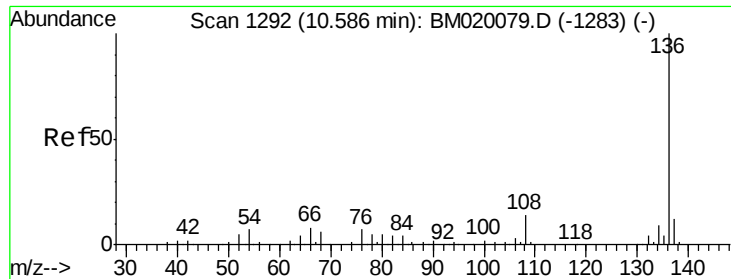
Ion 107.00 (106.70 to 107.70): BM020517.D (-912) (-)

Ion 108.00 (107.70 to 108.70): BM020517.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM020517.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM020517.D (-912) (-)

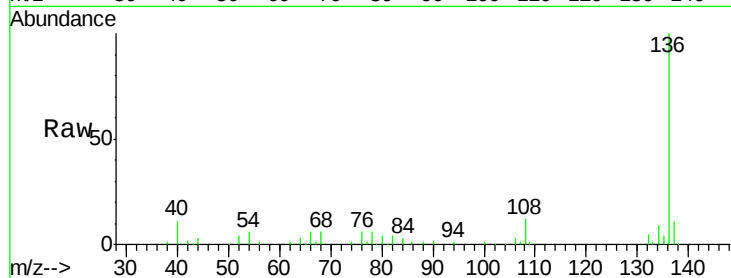




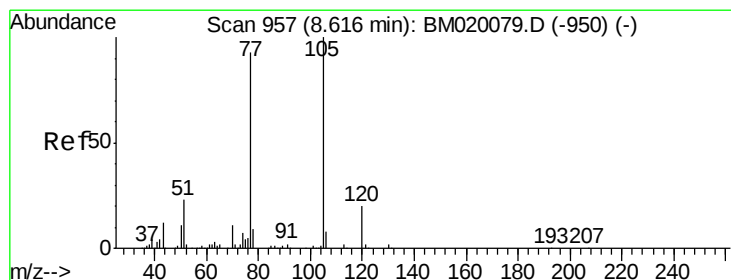
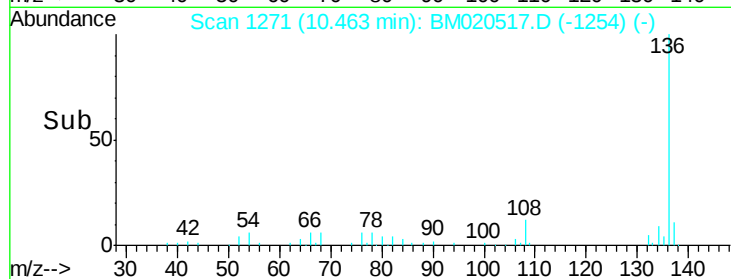
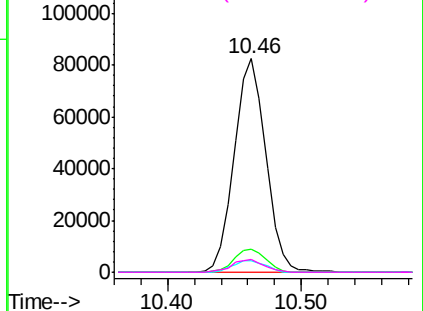
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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

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

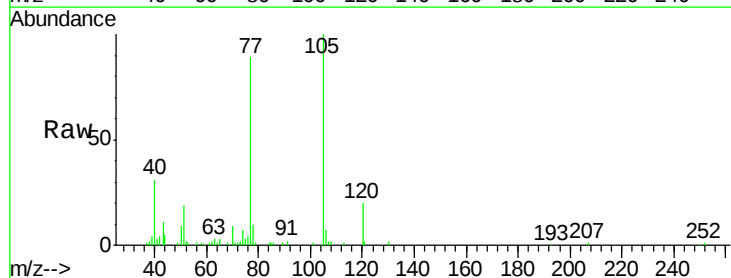


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

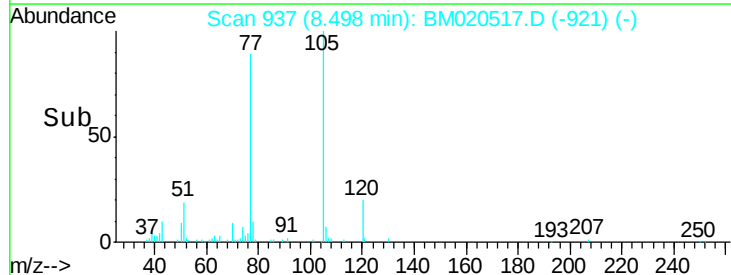
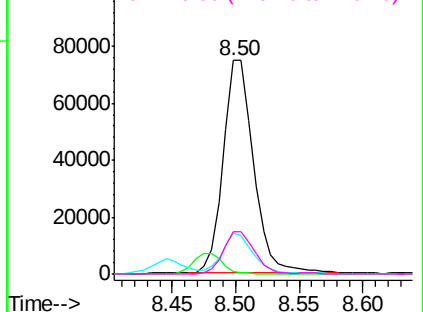


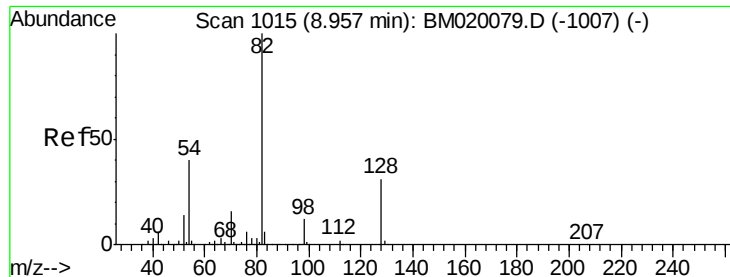
#22
Acetophenone
Concen: 33.591 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

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



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

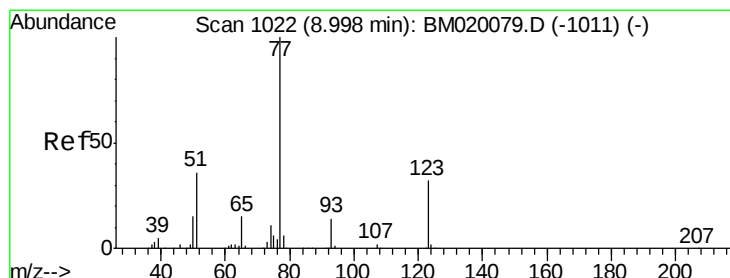
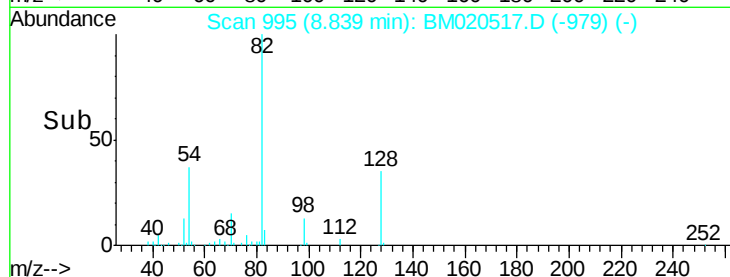
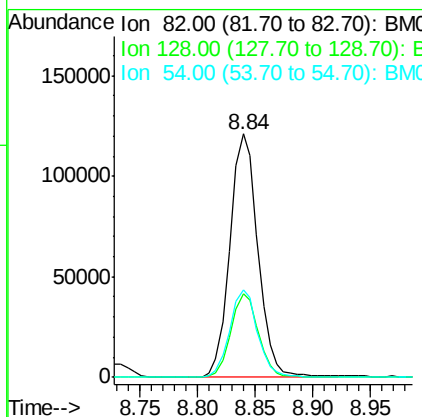
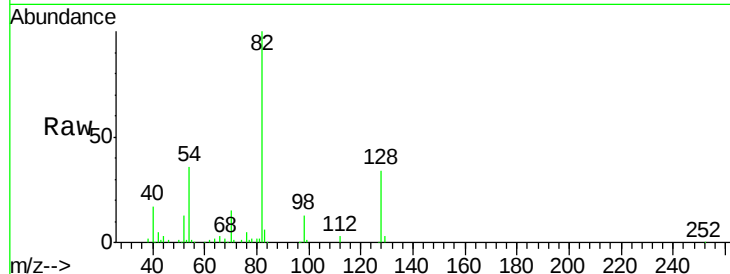




#23
Nitrobenzene-d5
Concen: 59.631 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

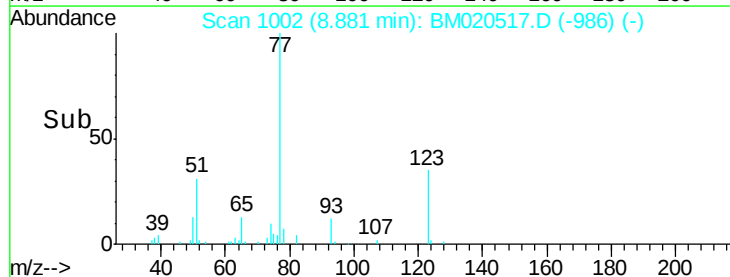
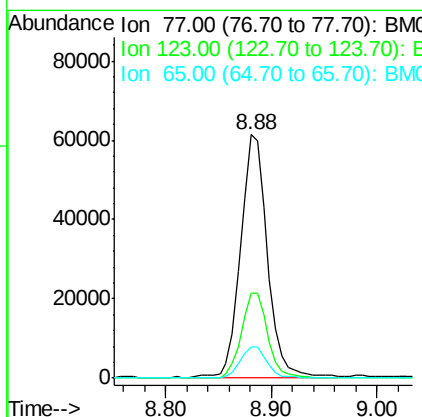
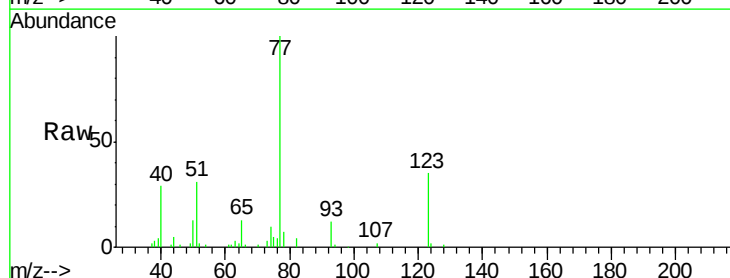
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

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



#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

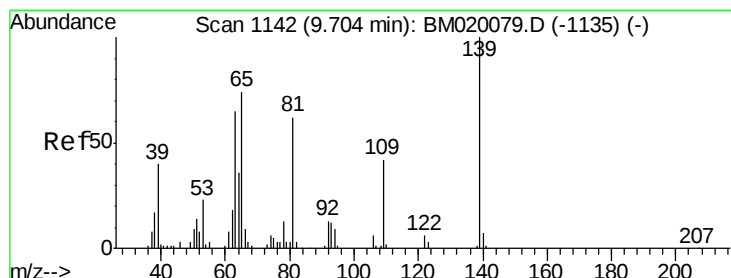
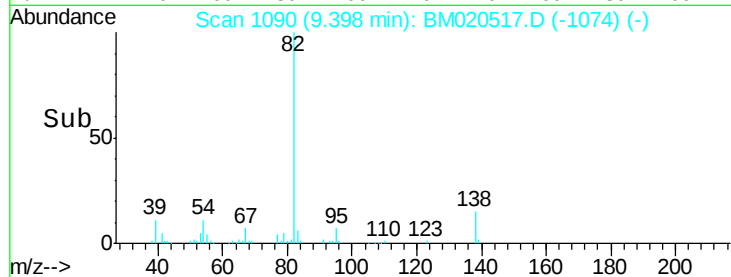
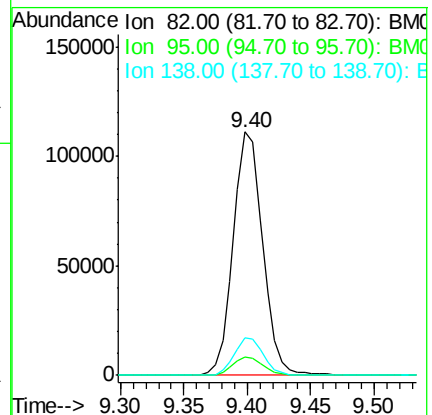
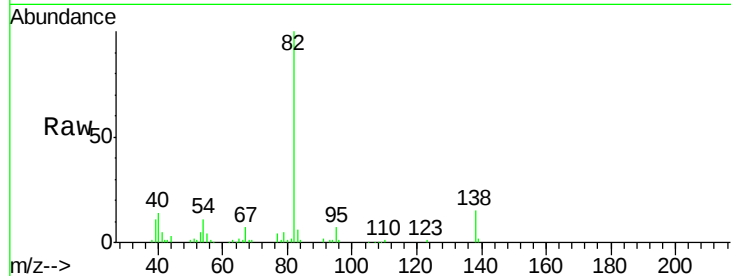
Tgt Ion: 82 Resp: 178669

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 15.2 11.1 16.7



#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

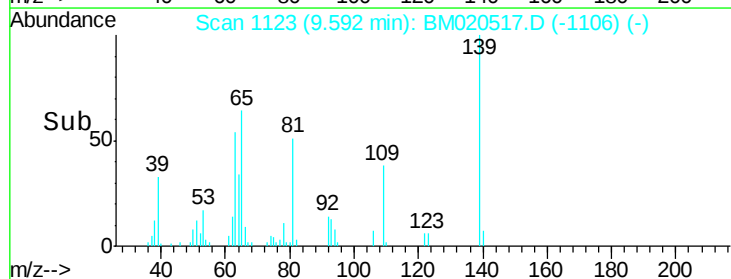
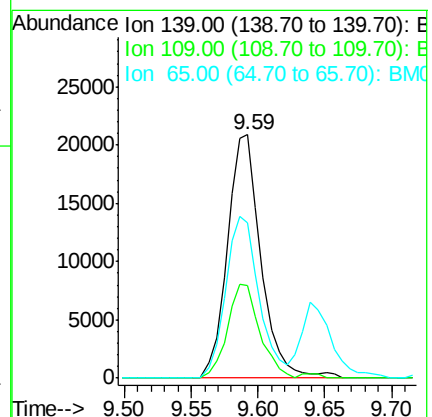
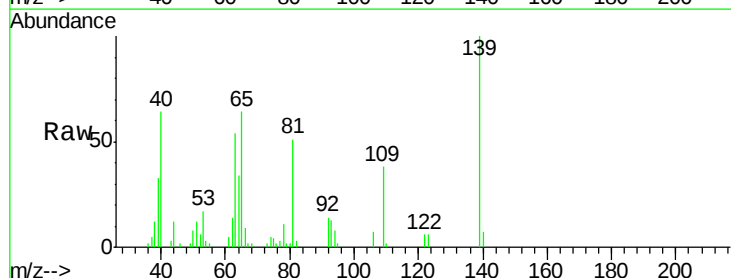
Tgt Ion: 139 Resp: 36762

Ion Ratio Lower Upper

139 100

109 38.0 33.7 50.5

65 63.8 59.5 89.3

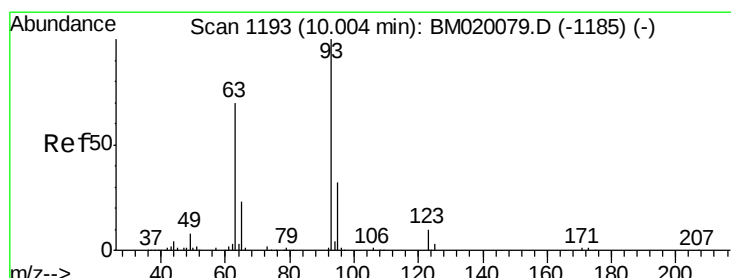
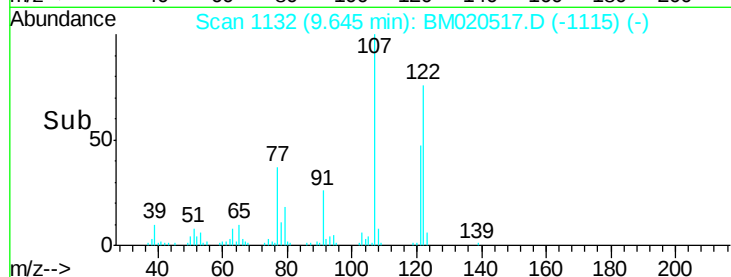
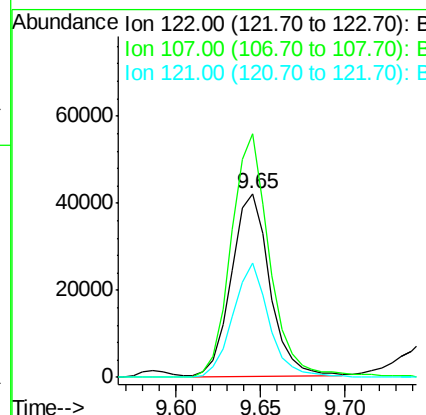
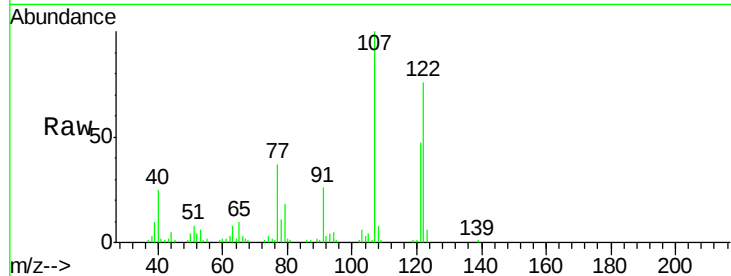




#27
 2,4-Dimethylphenol
 Concen: 36.984 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

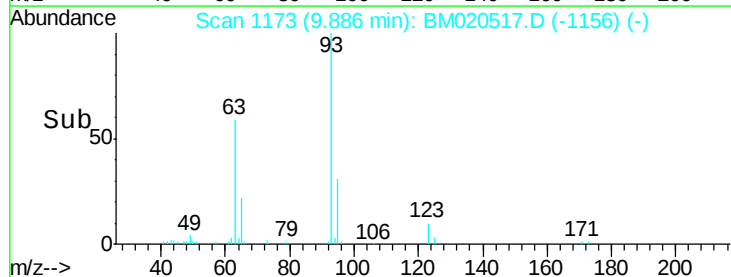
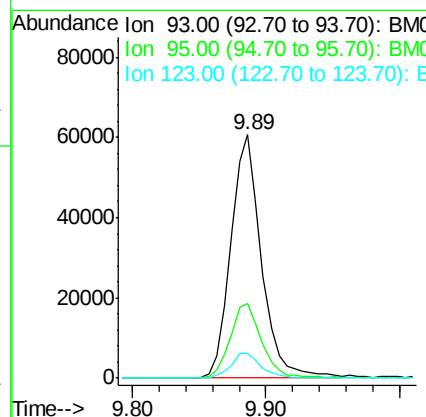
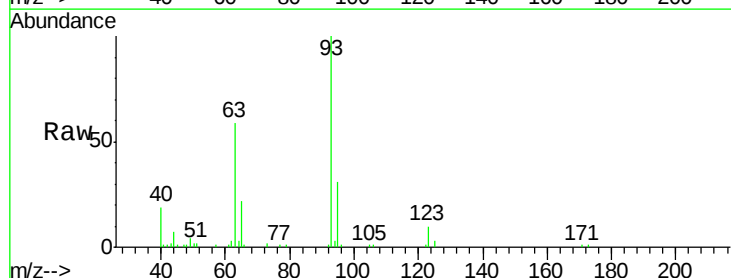
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2,4-2.9)MS

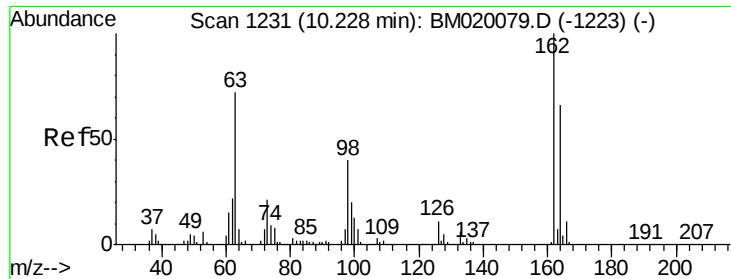
Tgt Ion:122 Resp: 66171
 Ion Ratio Lower Upper
 122 100
 107 132.3 108.6 162.8
 121 62.4 47.4 71.2



#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: 93 Resp: 97192
 Ion Ratio Lower Upper
 93 100
 95 30.5 25.5 38.3
 123 10.3 7.6 11.4

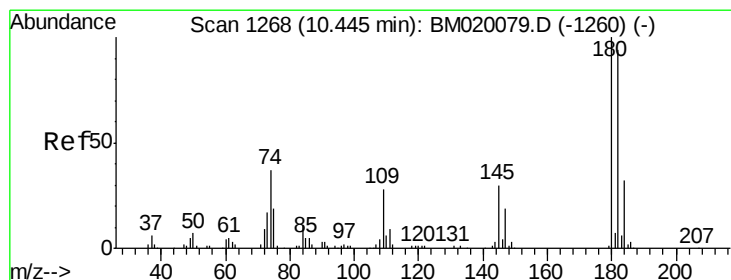
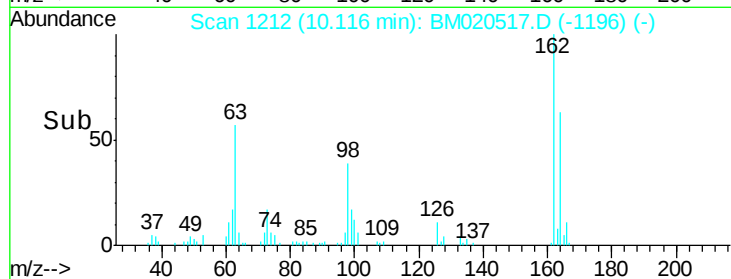
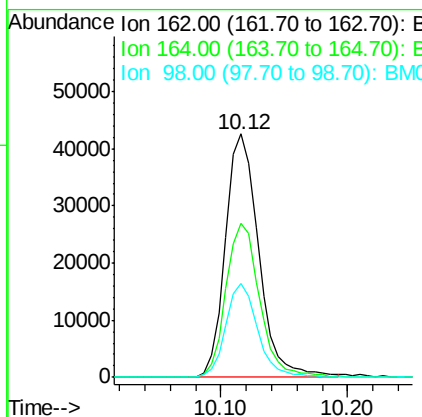
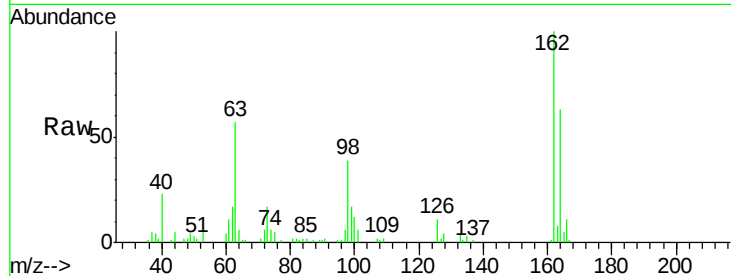




#29
 2,4-Dichlorophenol
 Concen: 34.427 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

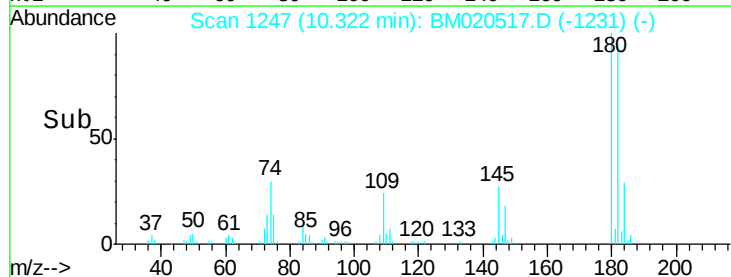
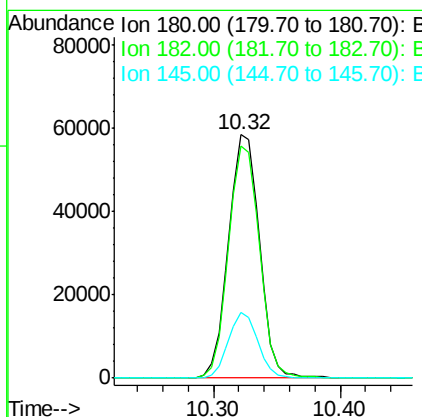
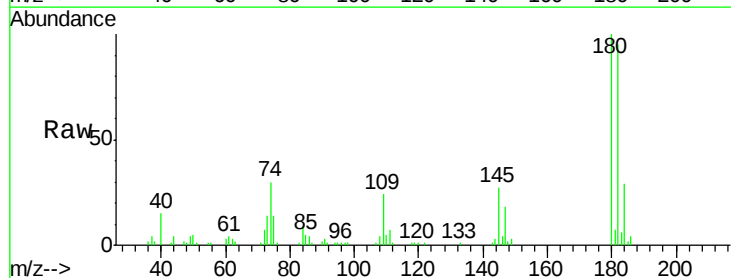
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

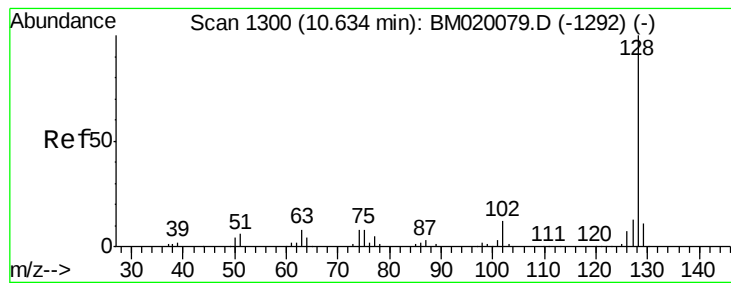
Tgt Ion:	162	Resp:	77670
Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.6	85.6
98	38.6	20.4	60.4



#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:	180	Resp:	98515
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

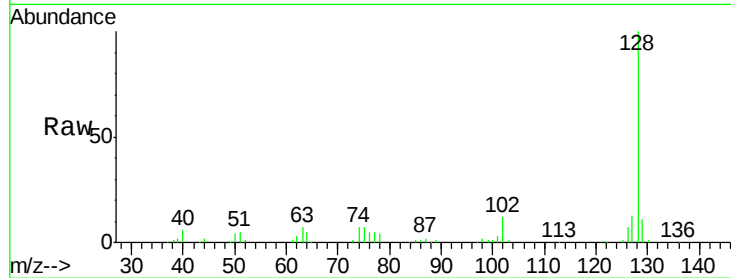
Tgt Ion:128 Resp: 225611

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

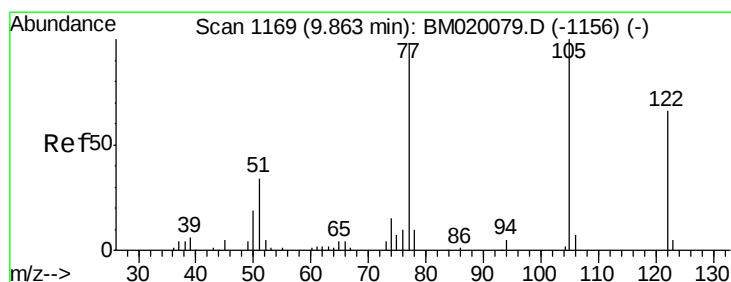
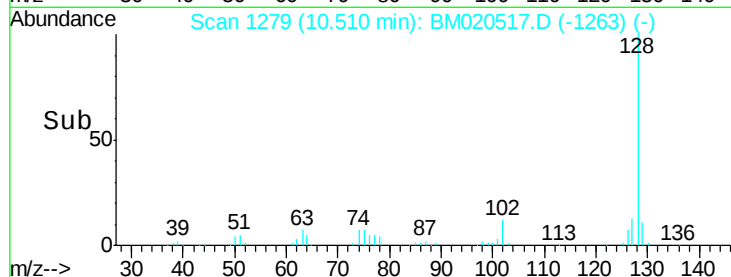
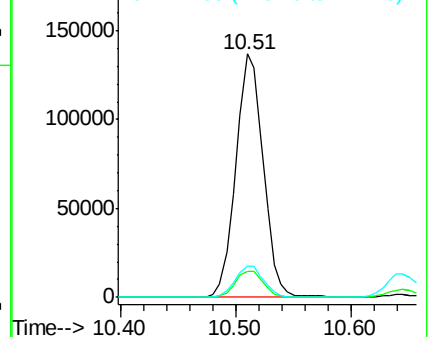
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.497 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

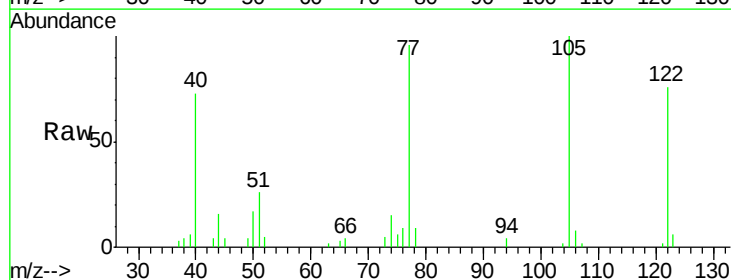
Tgt Ion:122 Resp: 27882

Ion Ratio Lower Upper

122 100

105 132.3 122.5 162.5

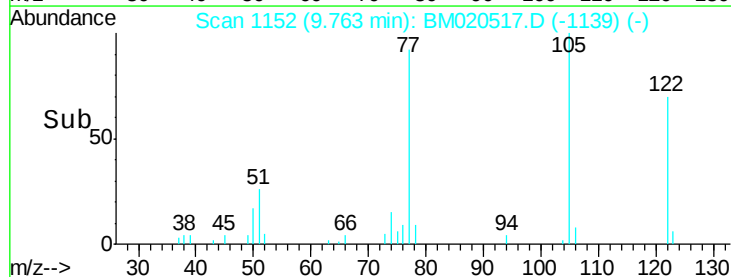
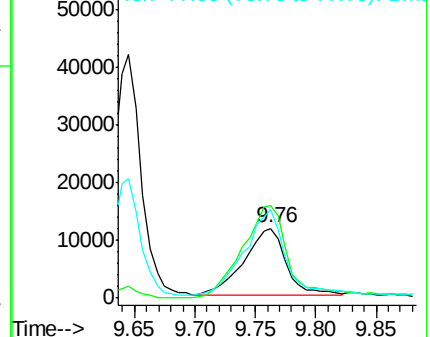
77 126.6 123.3 163.3

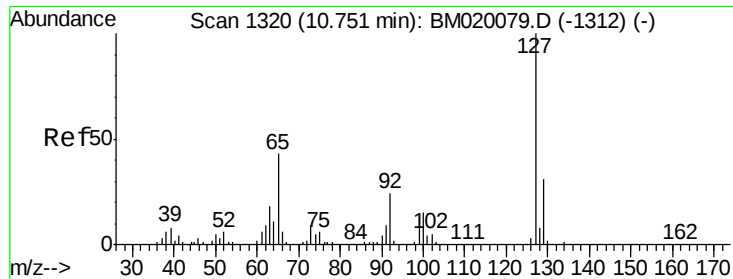


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

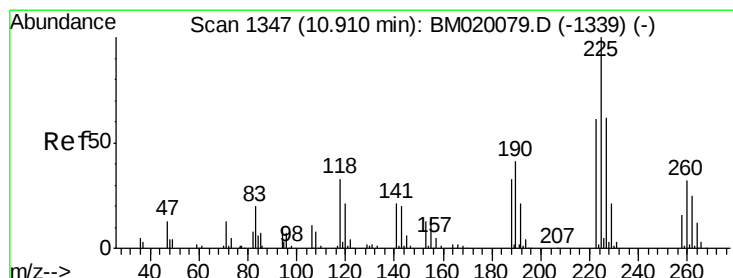
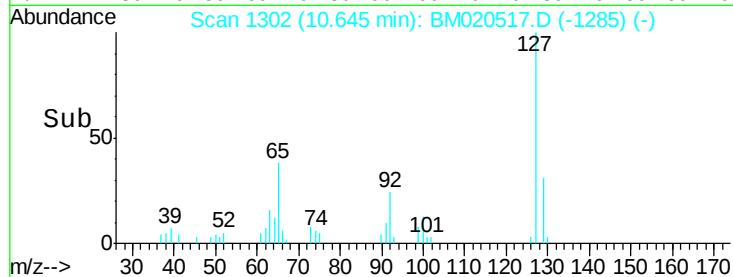
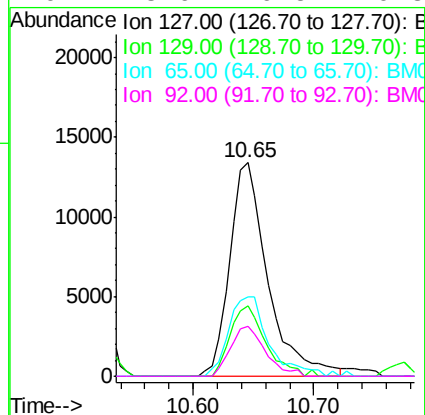
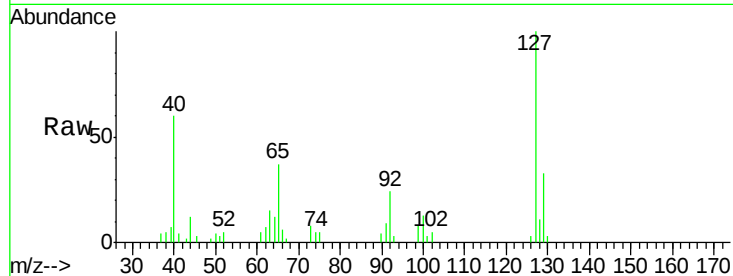




#33
4-Chloroaniline
Concen: 10.136 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

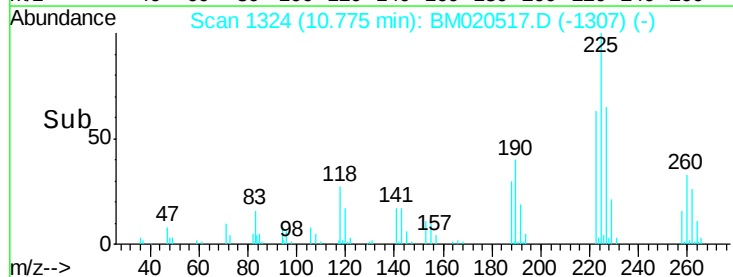
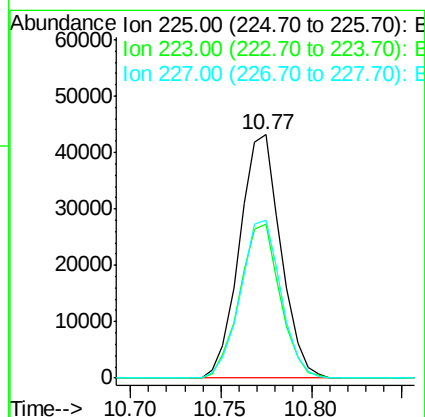
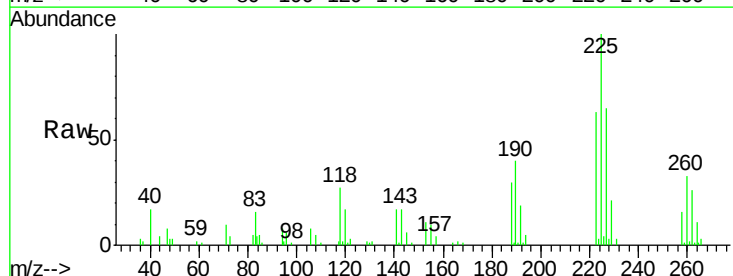
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

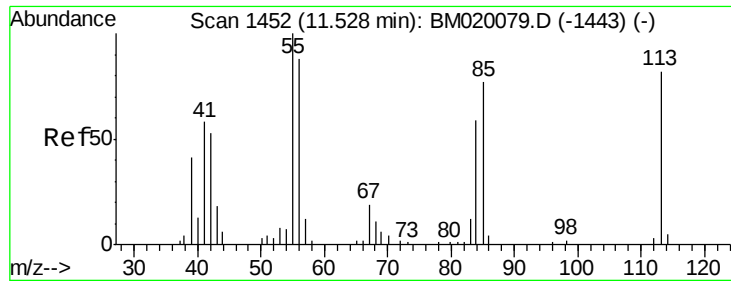
Tgt Ion:	127	Resp:	29345
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.7	37.1
65	36.9	34.6	52.0
92	23.6	19.5	29.3



#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:	225	Resp:	67955
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

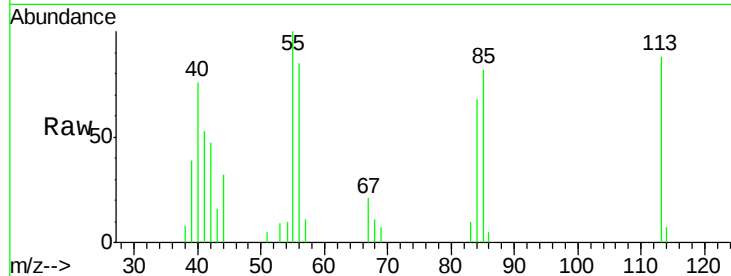
Tgt Ion:113 Resp: 18342

Ion Ratio Lower Upper

113 100

55 113.2 102.5 142.5

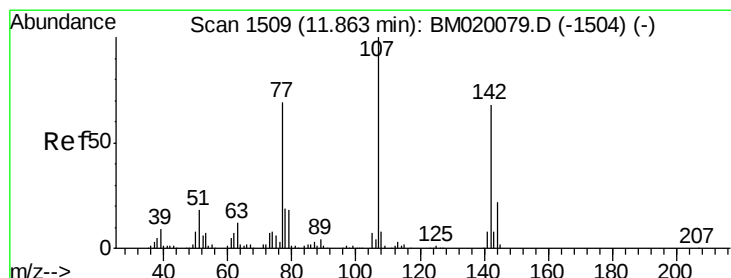
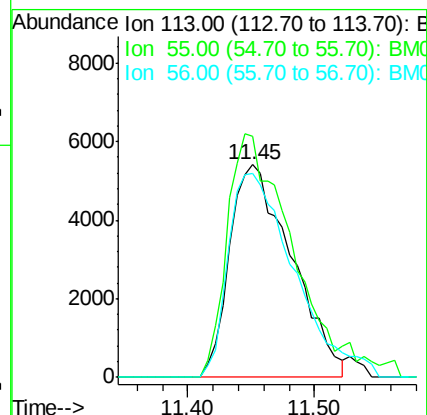
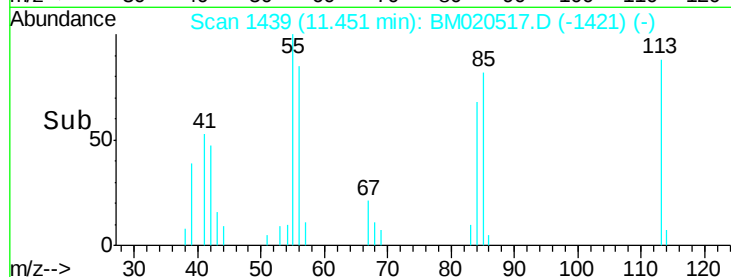
56 95.9 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#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

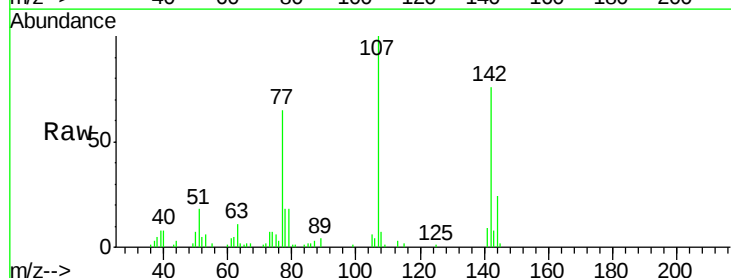
Tgt Ion:107 Resp: 76600

Ion Ratio Lower Upper

107 100

144 24.2 17.6 26.4

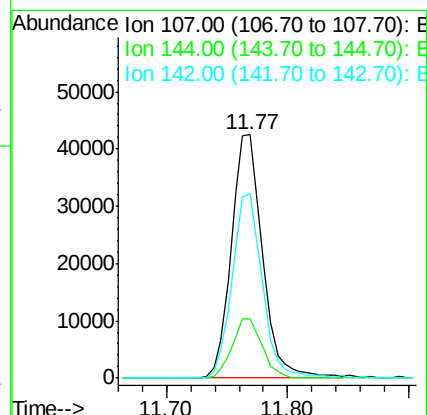
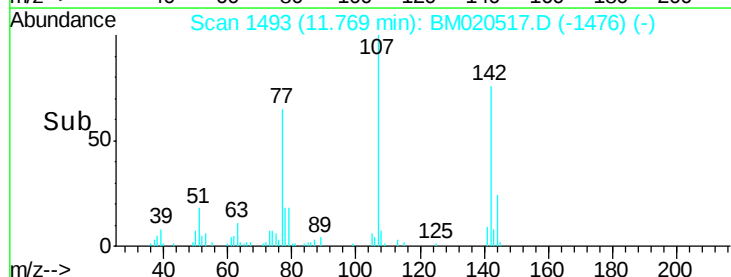
142 76.1 54.6 82.0

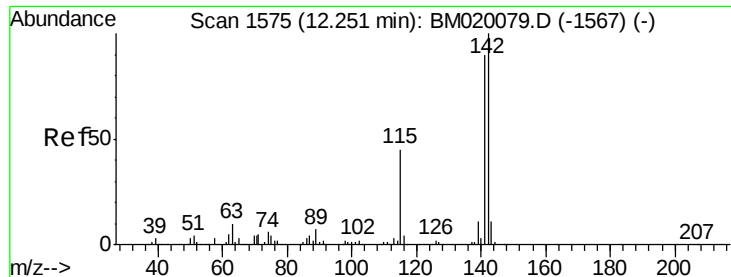


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

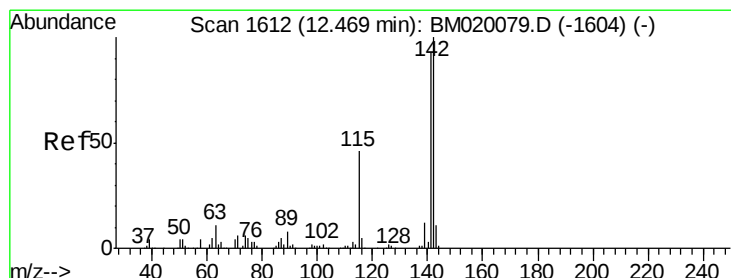
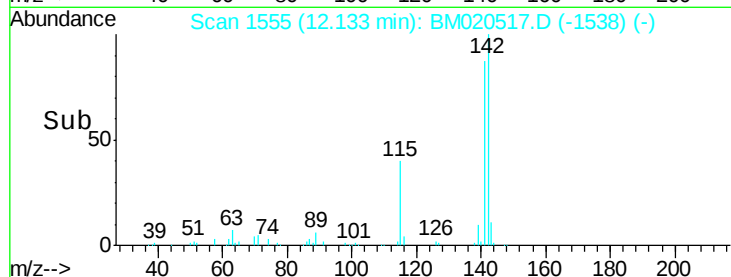
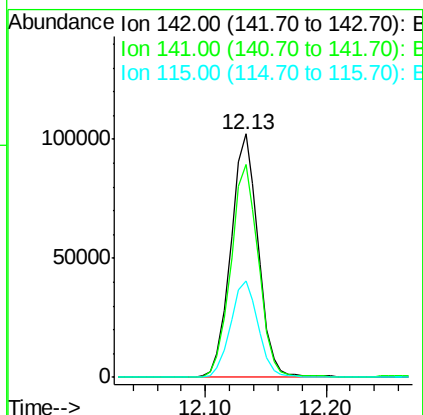
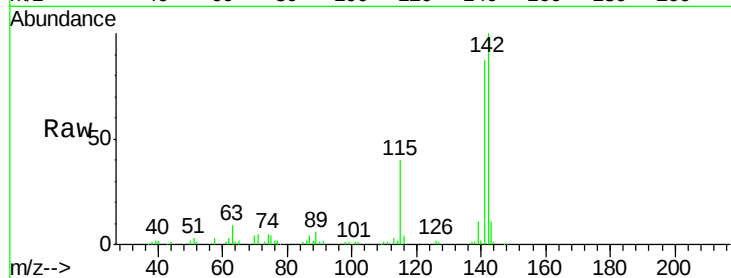




#37
2-Methylnaphthalene
Concen: 31.618 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

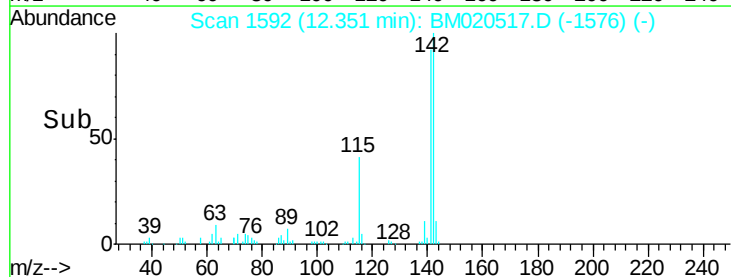
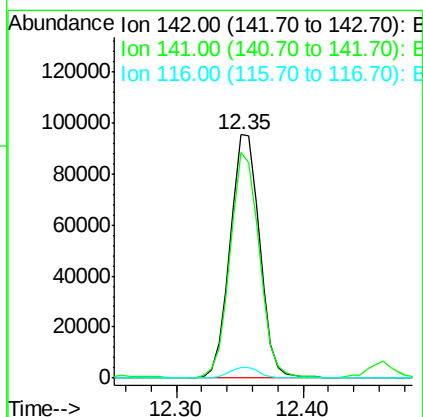
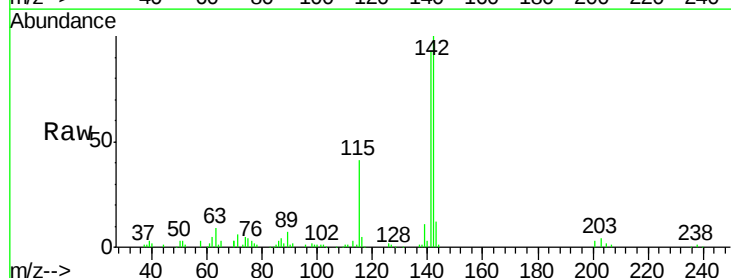
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

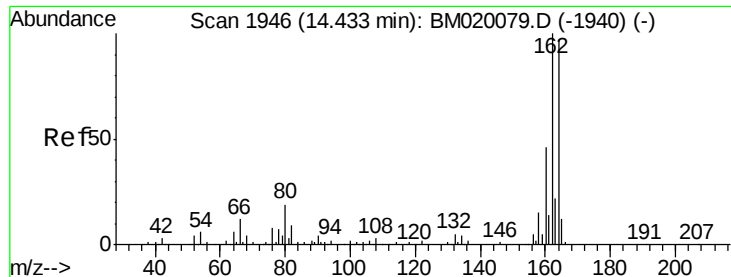
Tgt Ion:142 Resp: 162135
Ion Ratio Lower Upper
142 100
141 87.4 71.6 107.4
115 39.8 35.8 53.6



#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:142 Resp: 153668
Ion Ratio Lower Upper
142 100
141 92.7 74.8 112.2
116 4.5 3.9 5.9





#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

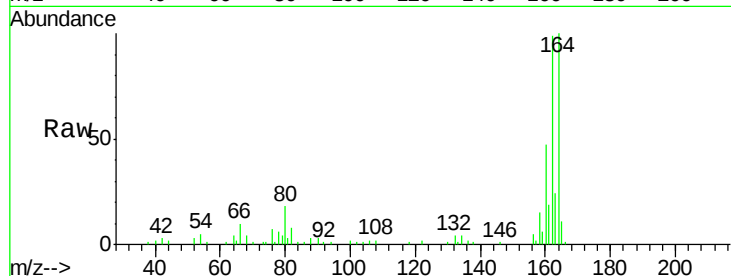
Tgt Ion:164 Resp: 79079

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

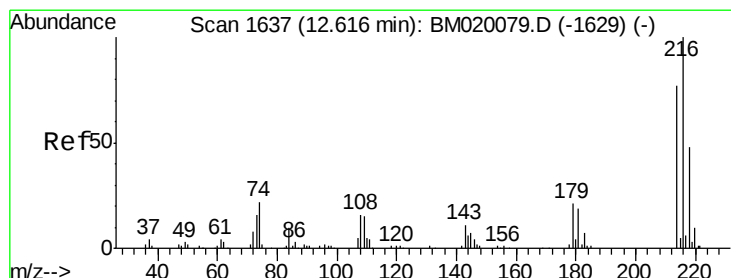
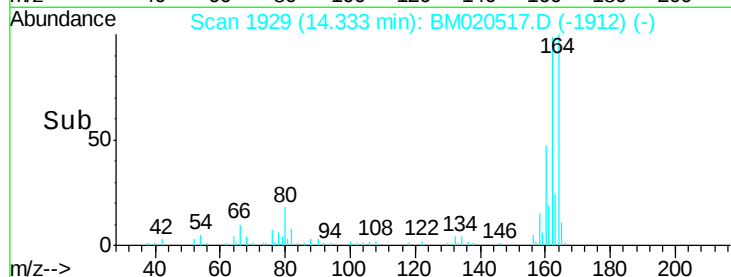
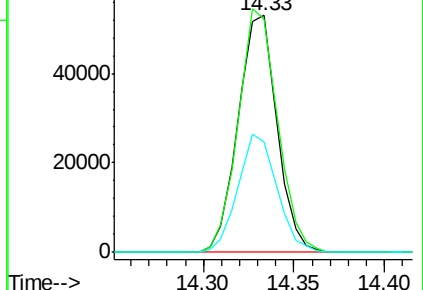
160 46.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

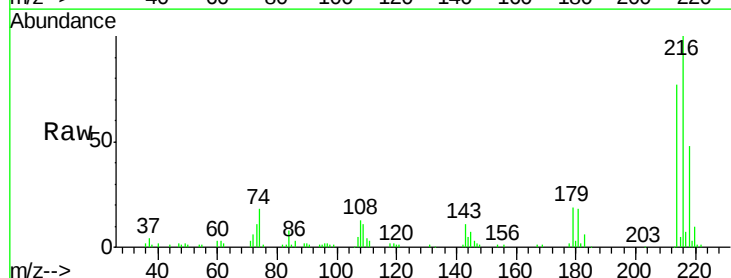
Ion Ratio Lower Upper

216 100

214 77.0 62.6 94.0

179 18.5 17.1 25.7

108 13.4 15.8 23.6#

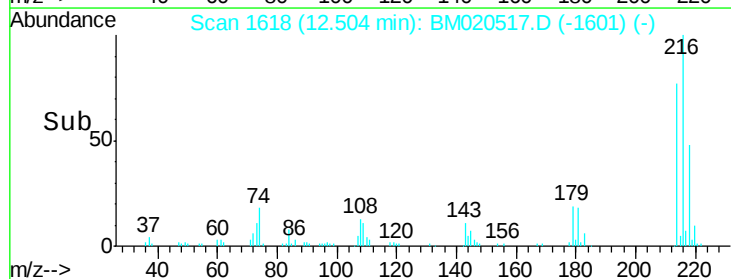
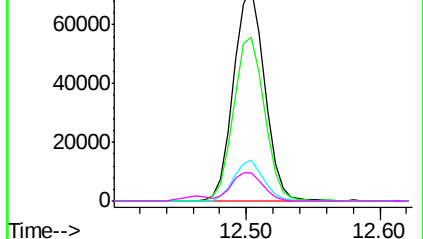


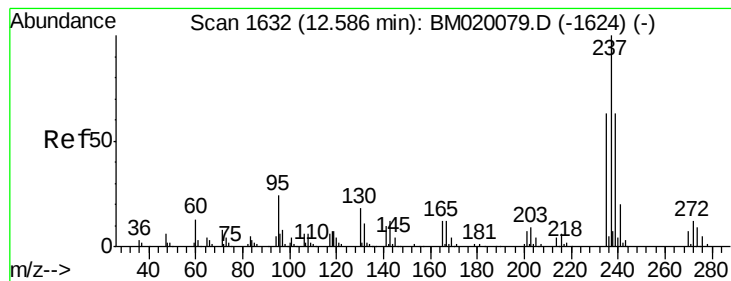
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 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

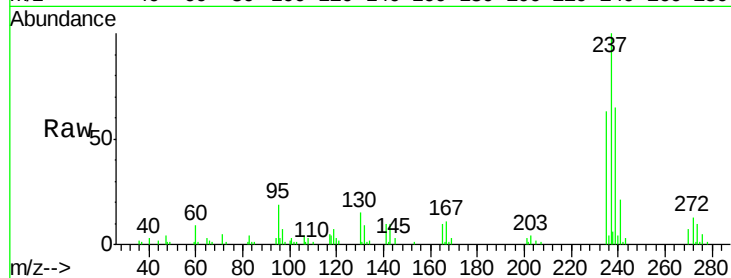
Tgt Ion:237 Resp: 88519

Ion Ratio Lower Upper

237 100

235 62.8 43.4 83.4

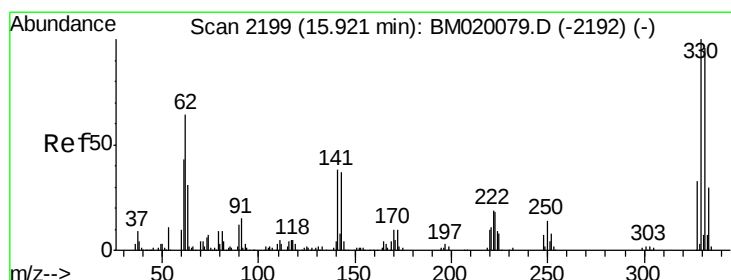
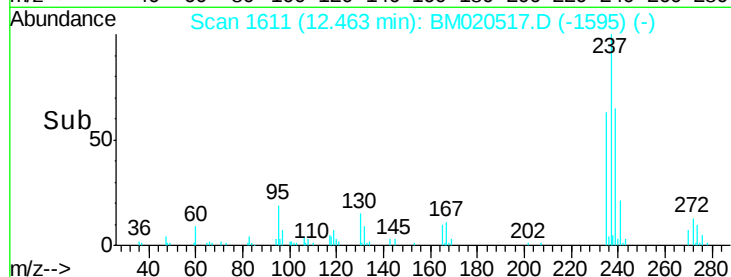
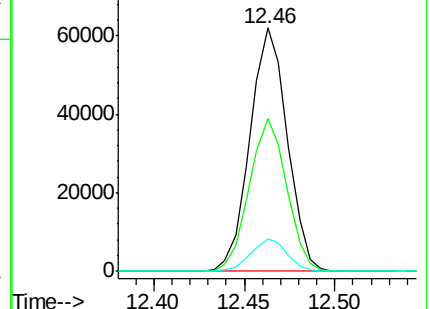
272 13.2 0.0 31.7



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

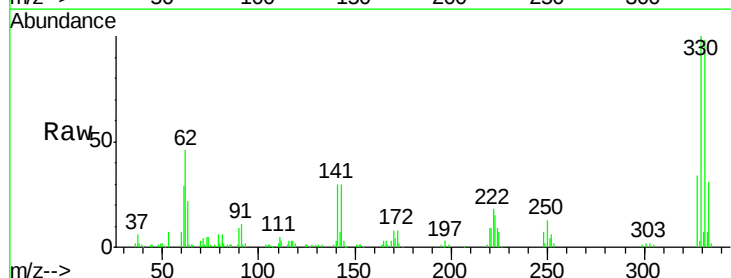
Tgt Ion:330 Resp: 135420

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

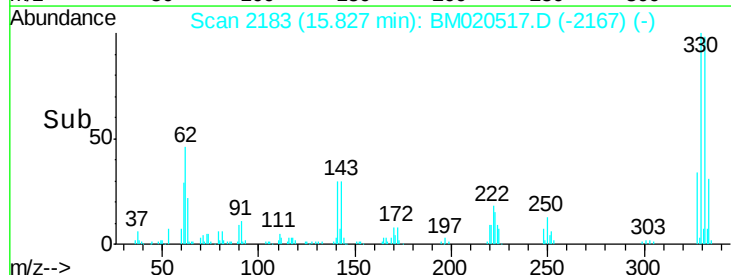
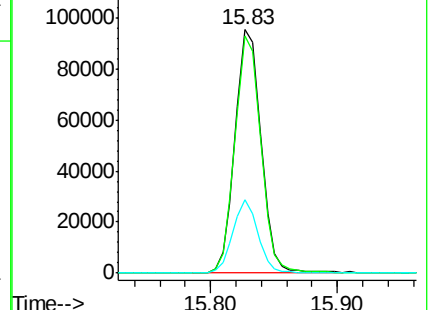
141 29.0 29.2 43.8#



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

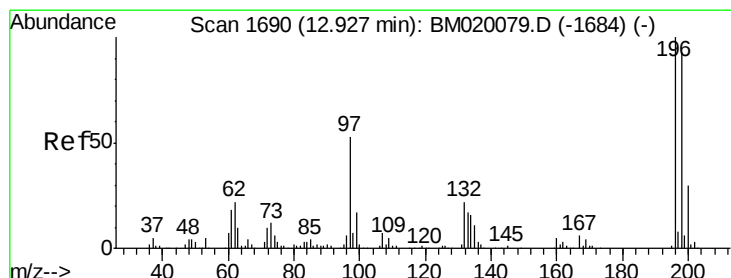
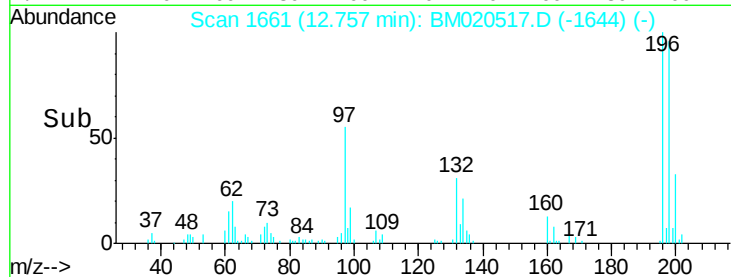
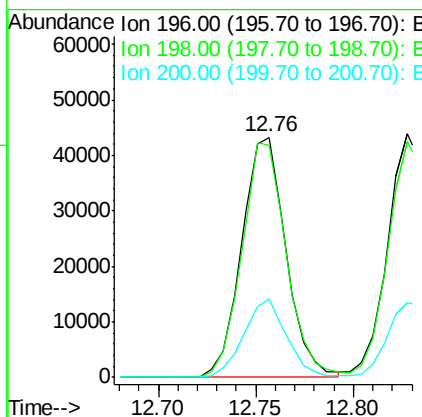
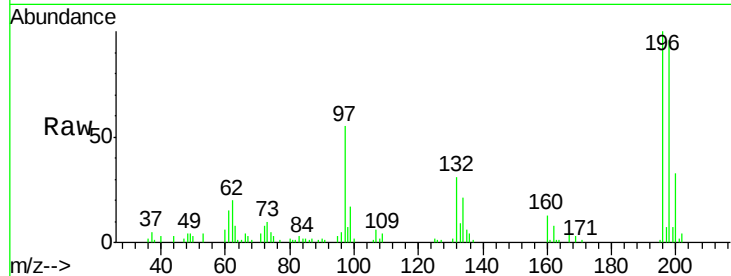




#43
 2,4,6-Trichlorophenol
 Concen: 38.529 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

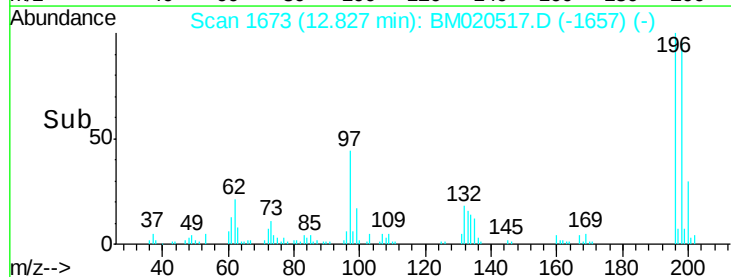
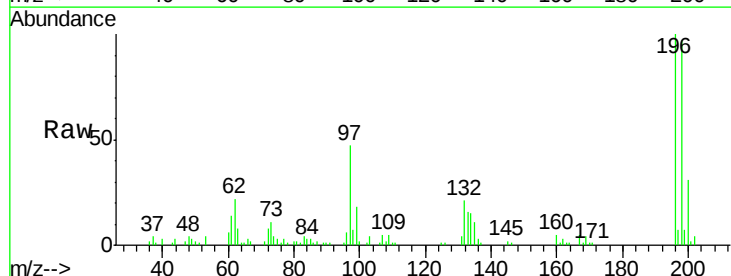
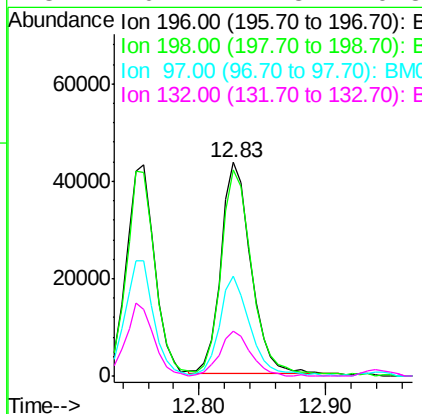
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

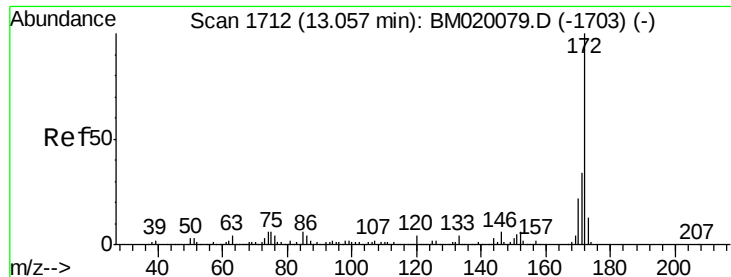
Tgt Ion:196 Resp: 67746
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.2
 200 32.8 24.3 36.5



#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:196 Resp: 70503
 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

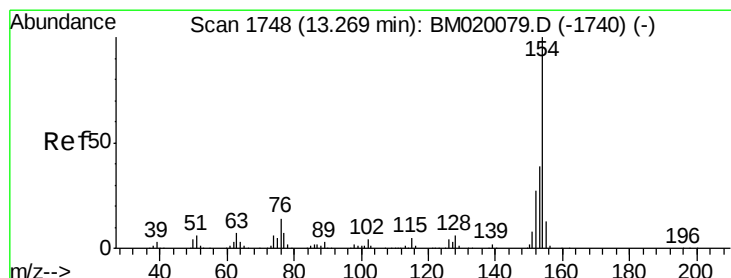
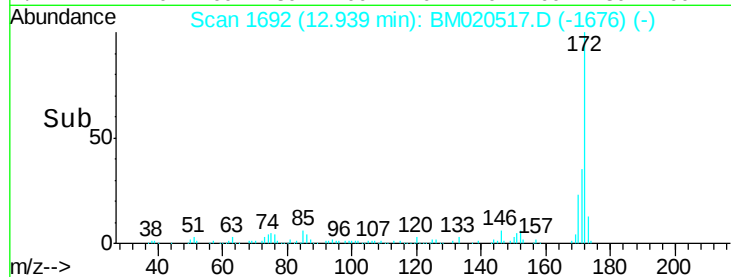
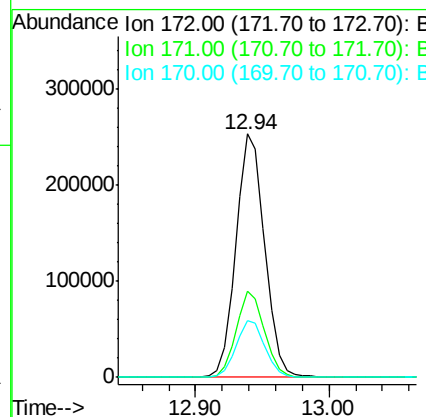
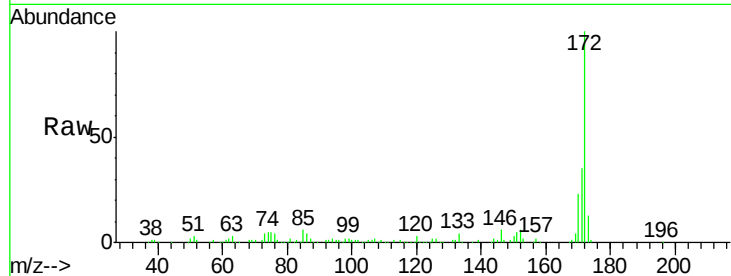




#45
 2-Fluorobiphenyl
 Concen: 59.004 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

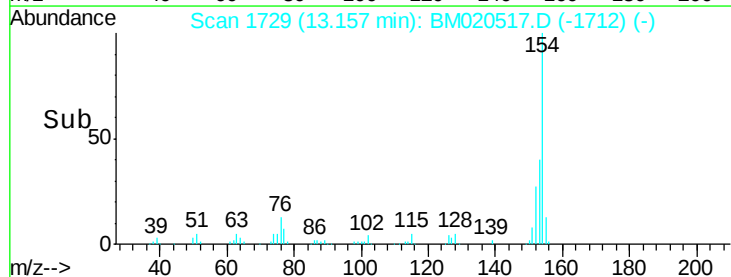
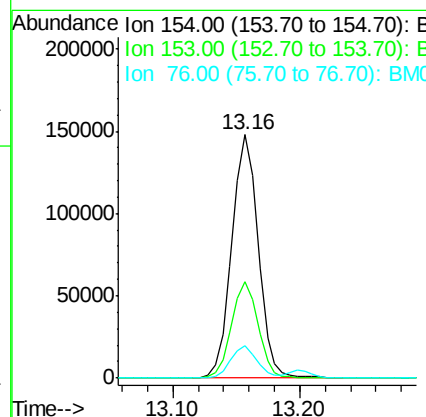
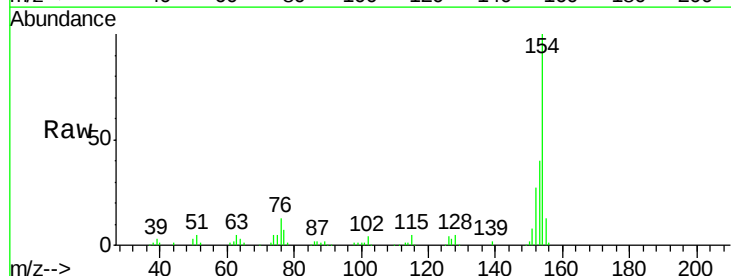
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

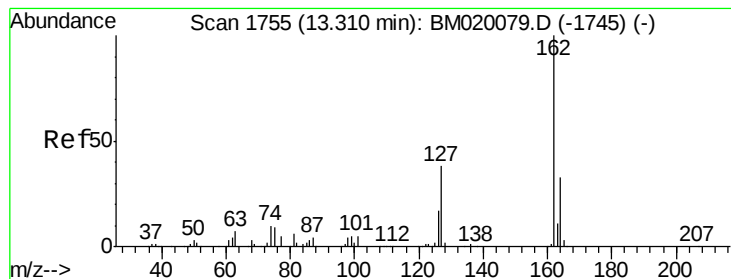
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.3	17.9	26.9



#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

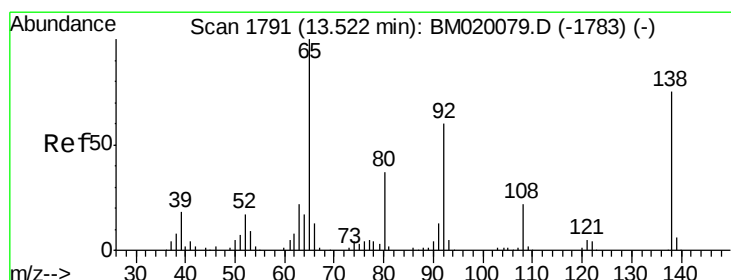
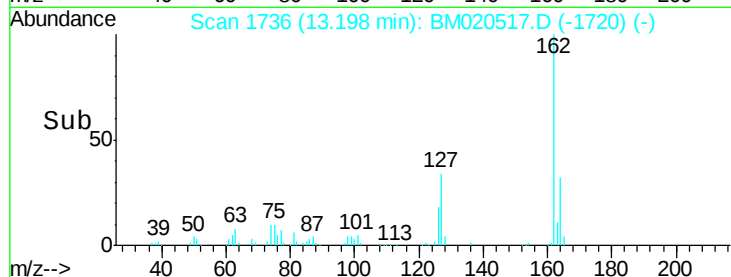
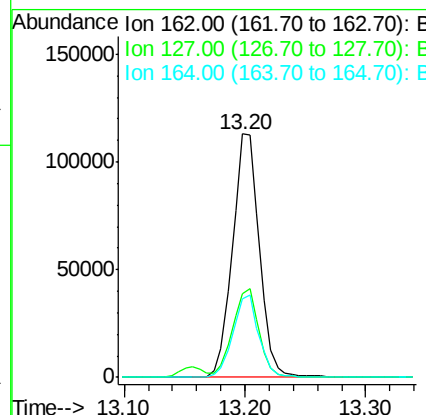
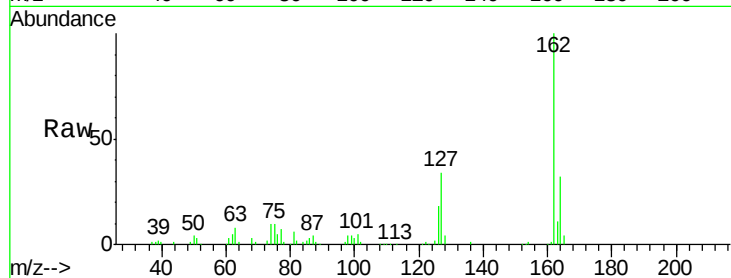
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

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



#48

2-Nitroaniline

Concen: 22.450 ng

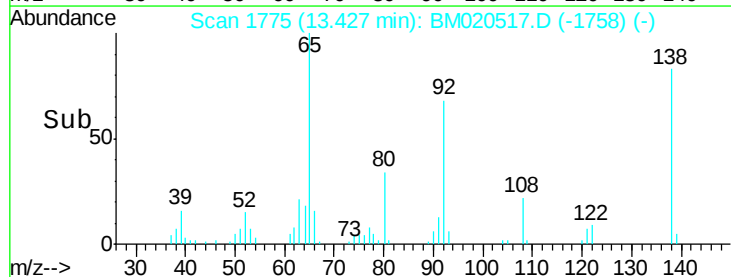
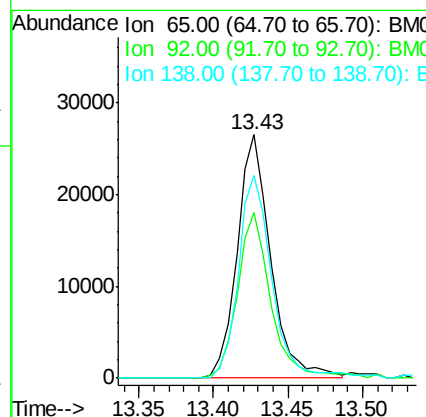
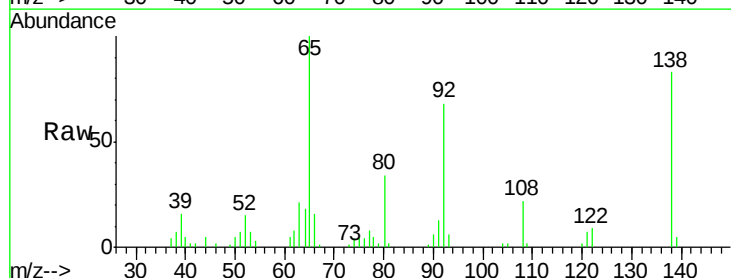
RT: 13.43 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

Tgt Ion:	65	Resp:	41537
Ion	Ratio	Lower	Upper
65	100		
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

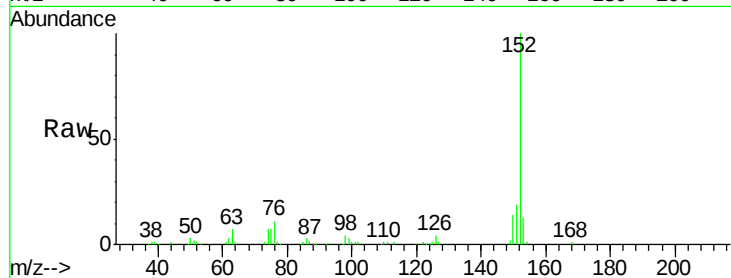
Tgt Ion:152 Resp: 259246

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

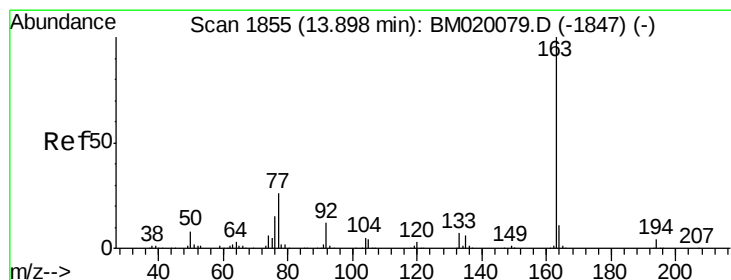
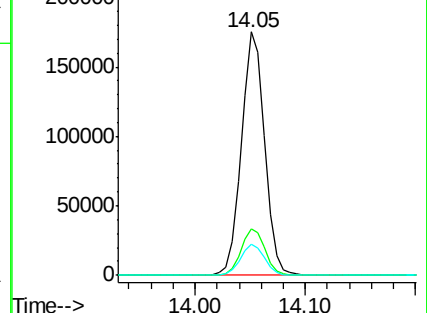
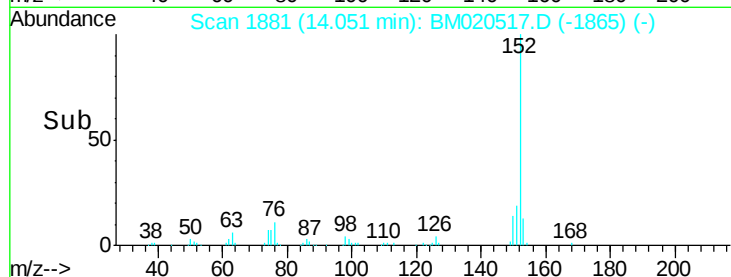
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

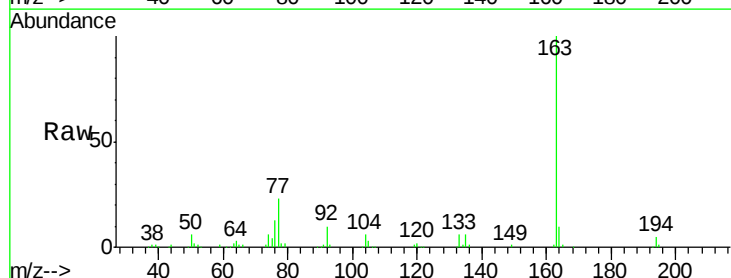
Tgt Ion:163 Resp: 279489

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

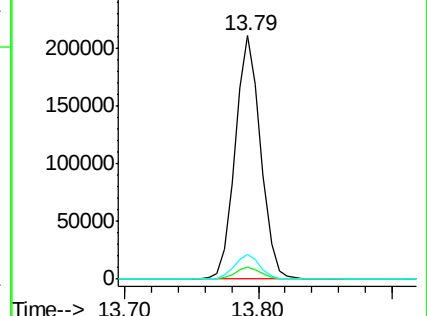
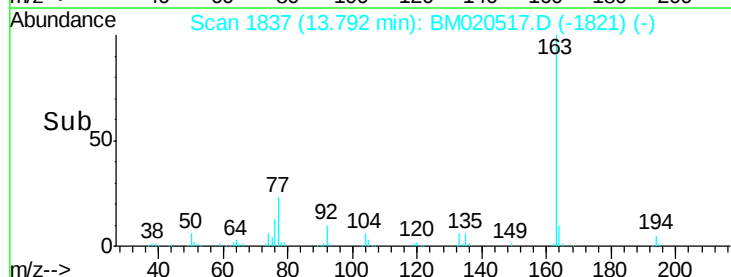
164 10.2 8.4 12.6

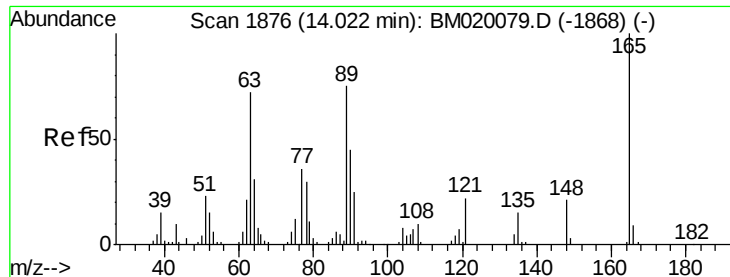


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

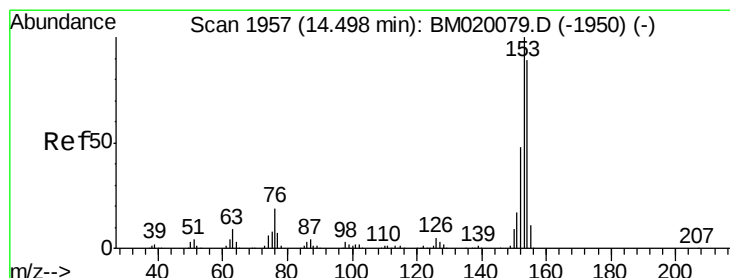
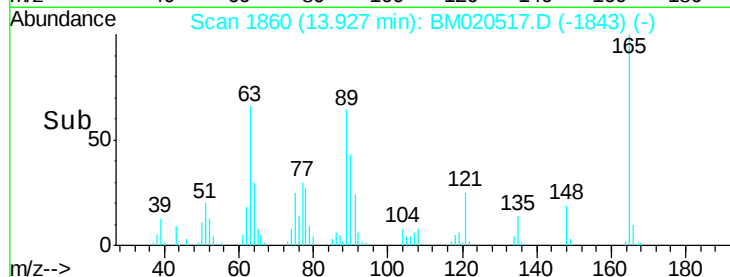
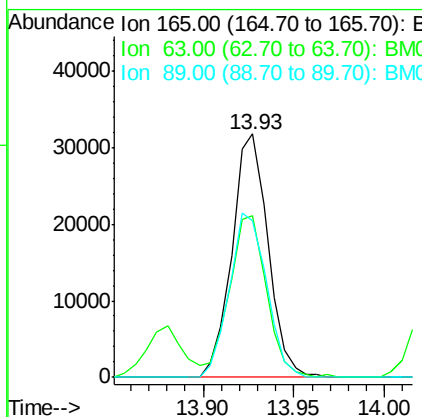
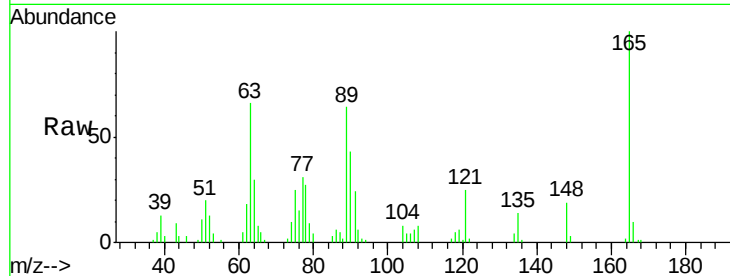




#51
 2,6-Dinitrotoluene
 Concen: 31.027 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

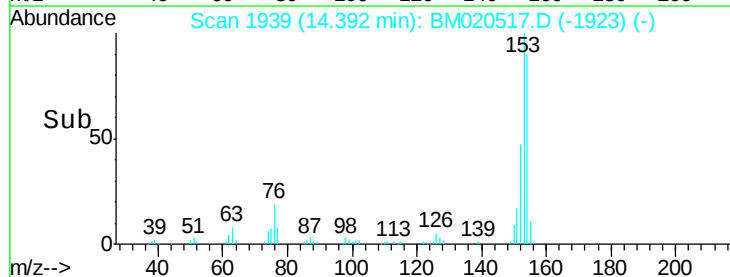
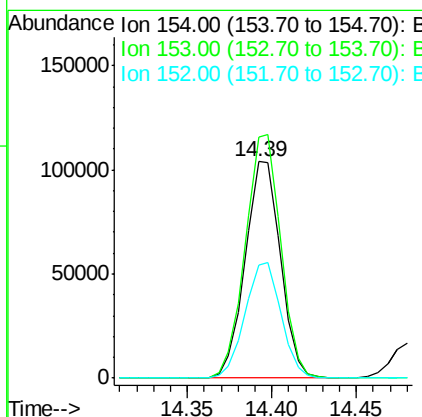
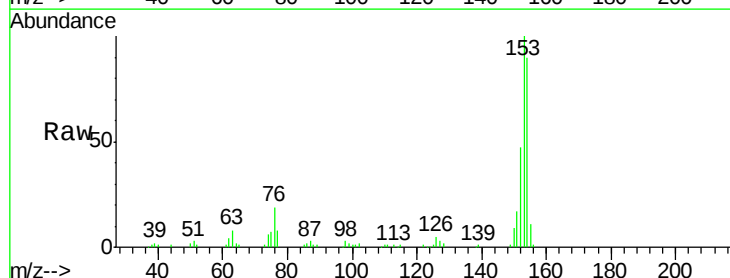
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.2	60.3	90.5
89	64.1	59.8	89.6



#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	Lower	Upper
154	100		
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

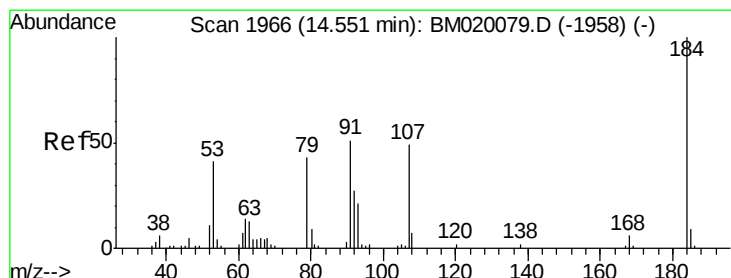
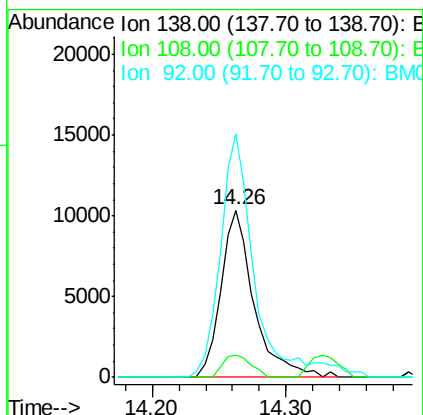
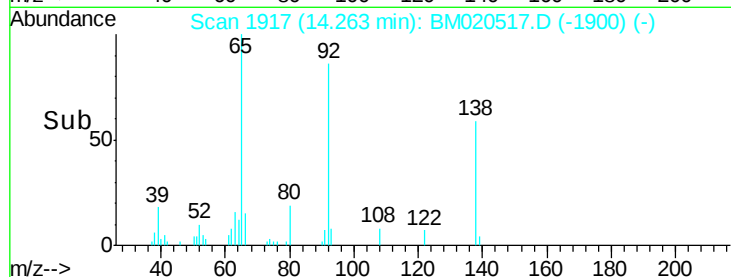
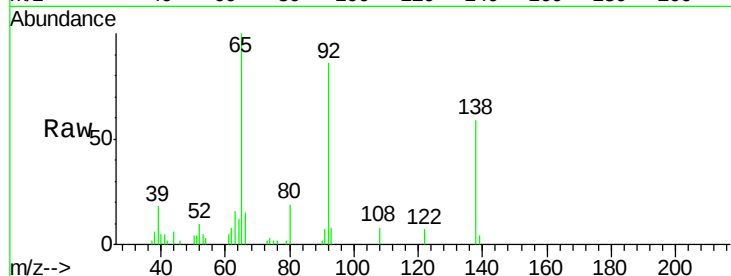
Tgt Ion:138 Resp: 17990

Ion Ratio Lower Upper

138 100

108 13.2 10.4 15.6

92 145.6 111.3 166.9



#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

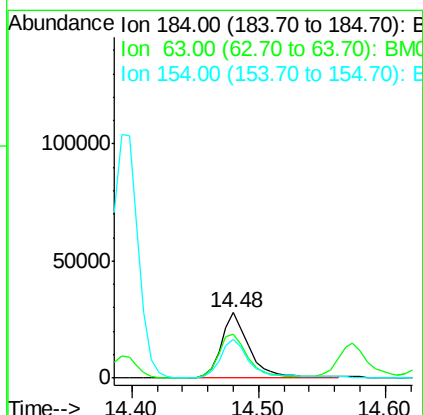
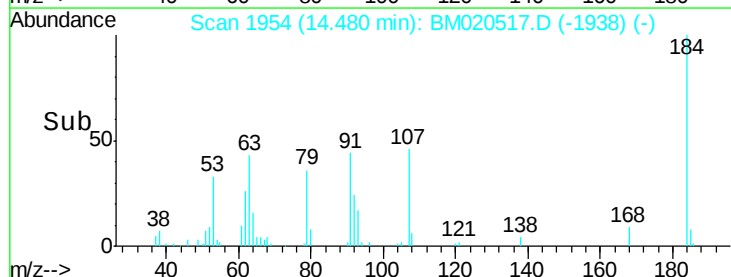
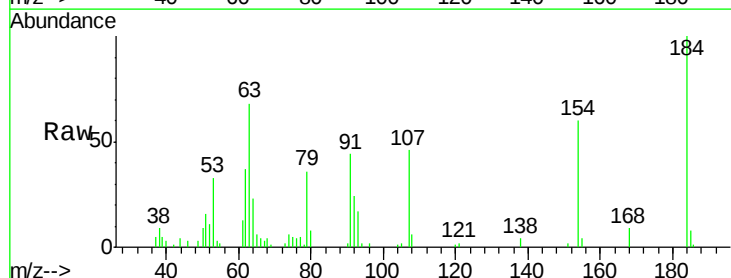
Tgt Ion:184 Resp: 43301

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

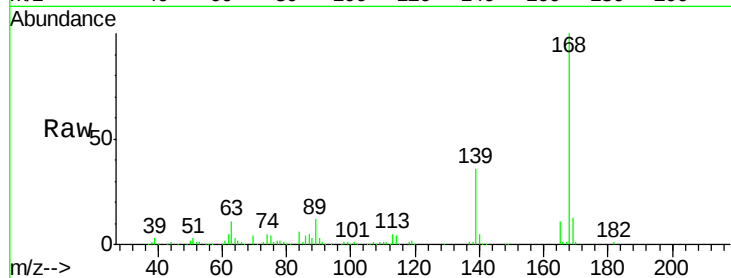
Tgt Ion:168 Resp: 266886

Ion Ratio Lower Upper

168 100

139 36.0 31.1 46.7

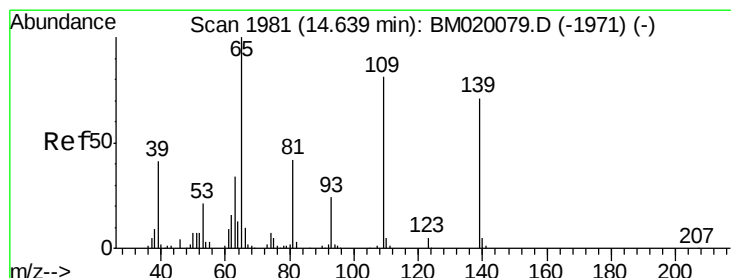
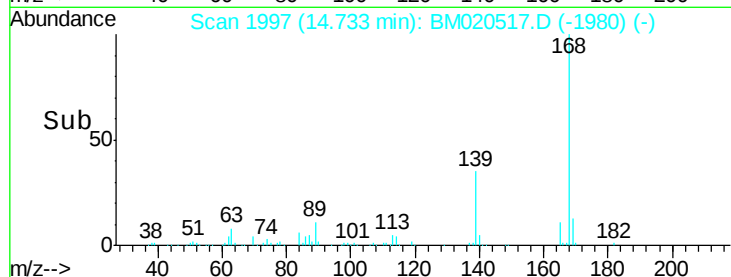
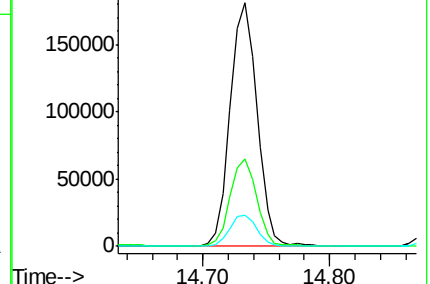
169 13.0 10.6 16.0



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

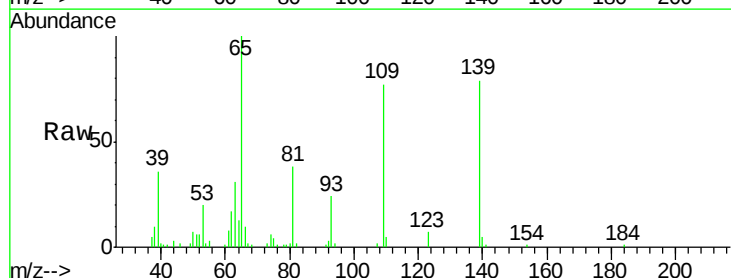
Tgt Ion:139 Resp: 61776

Ion Ratio Lower Upper

139 100

109 96.8 94.1 134.1

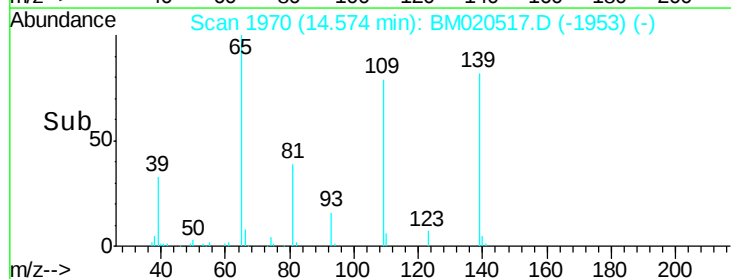
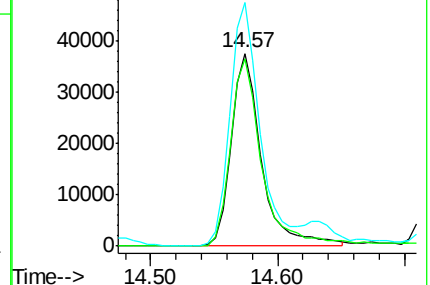
65 126.2 120.9 160.9

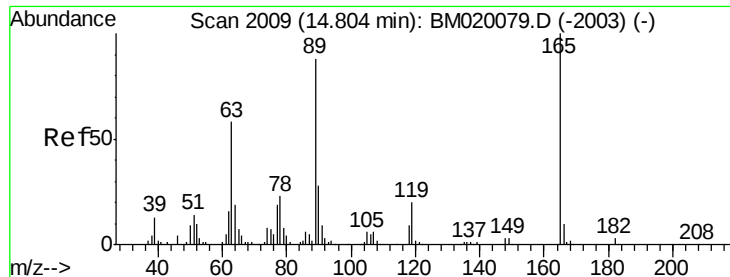


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#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

Tgt Ion:165 Resp: 60705

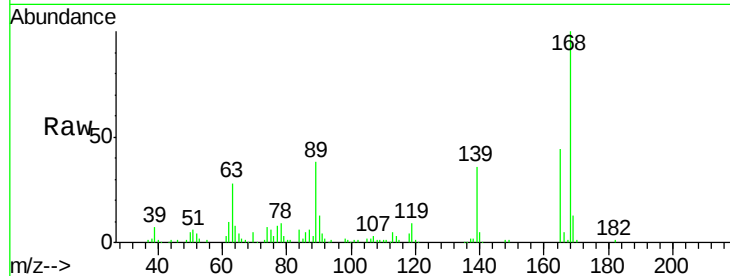
Ion Ratio Lower Upper

165 100

63 63.1 46.2 69.2

89 85.9 70.6 105.8

182 3.1 2.2 3.2

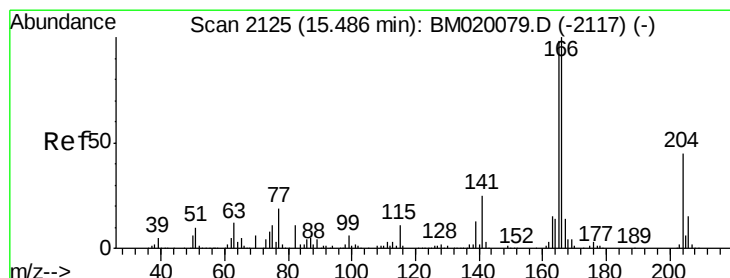
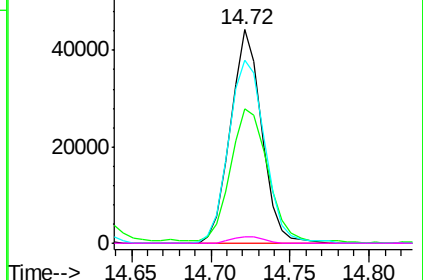
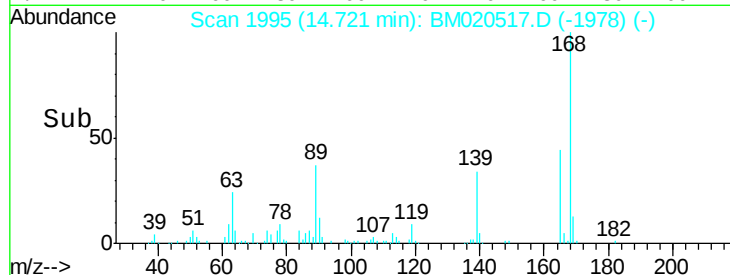


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#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

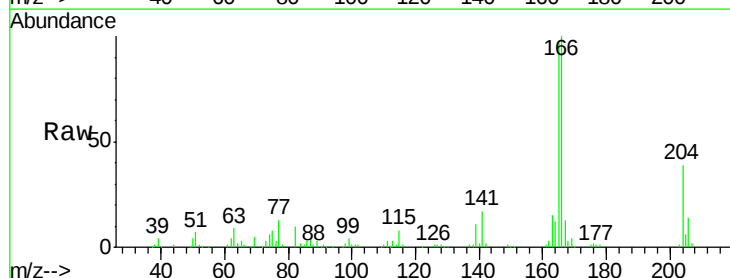
Tgt Ion:166 Resp: 208881

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

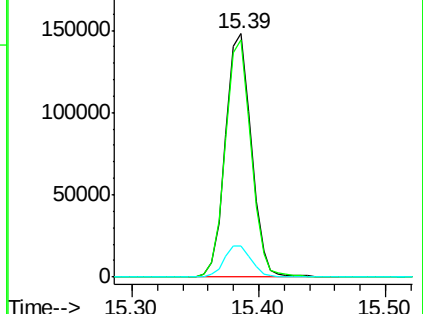
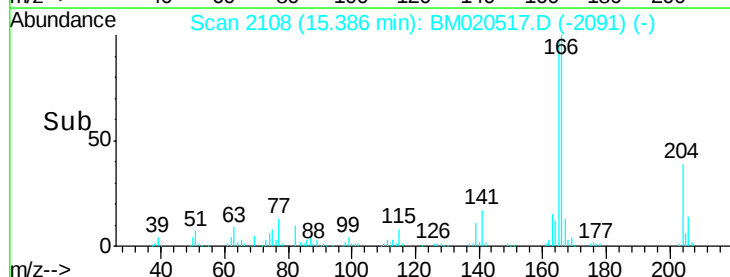
167 12.8 11.0 16.4

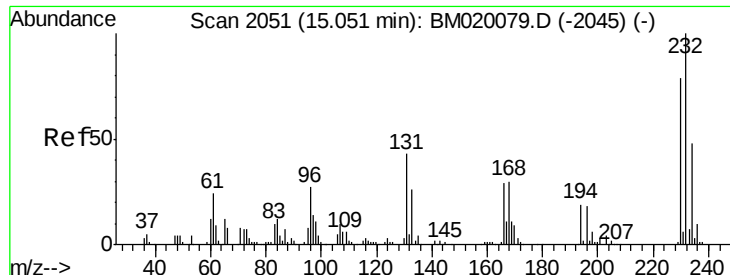


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

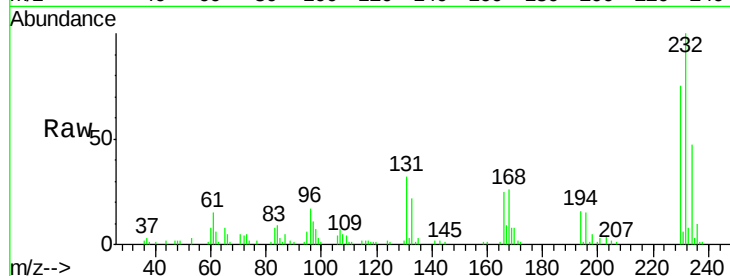




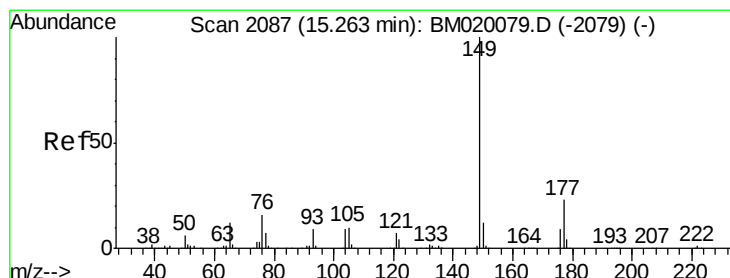
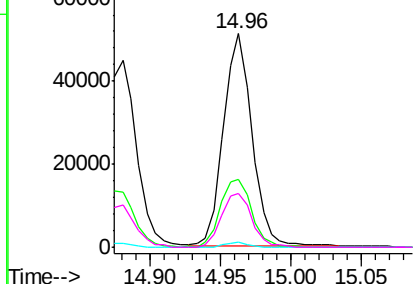
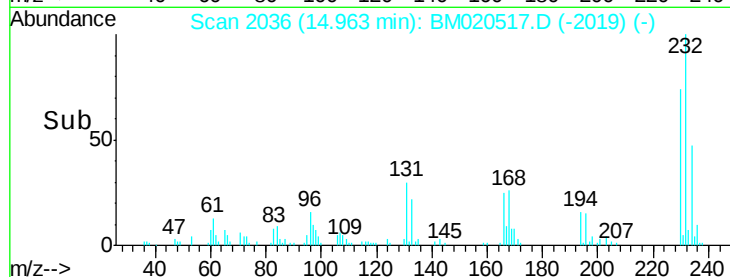
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.374 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tgt Ion:	232	Resp:	71631
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

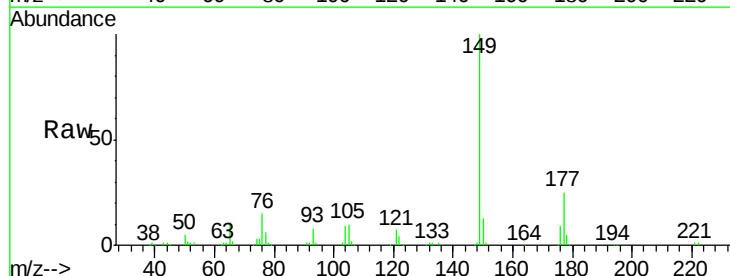


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

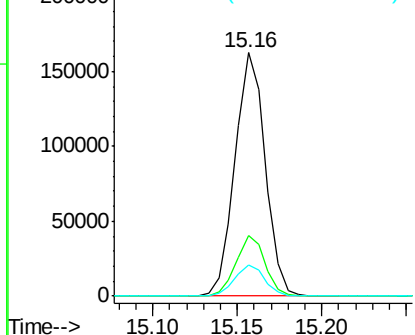
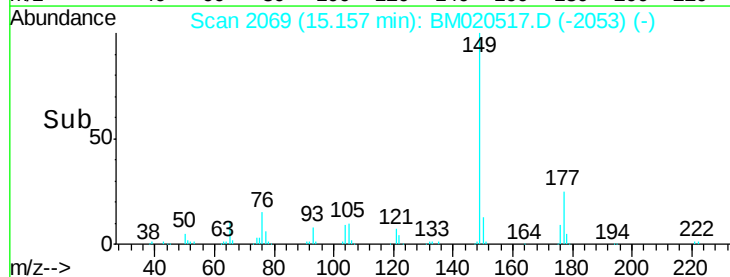


#60
 Diethylphthalate
 Concen: 29.910 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion:	149	Resp:	202535
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.2	27.4
150	12.5	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

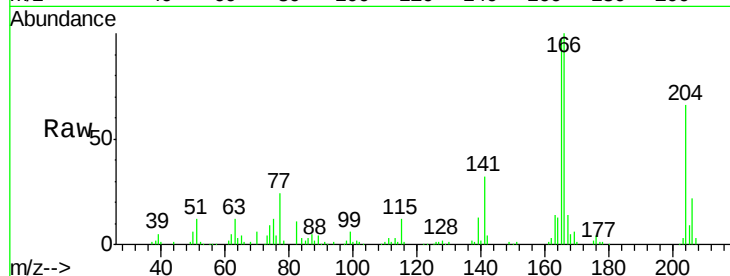




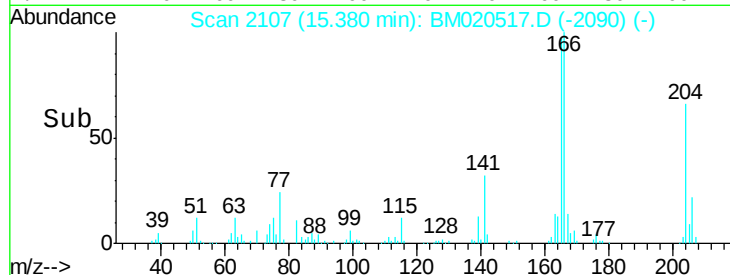
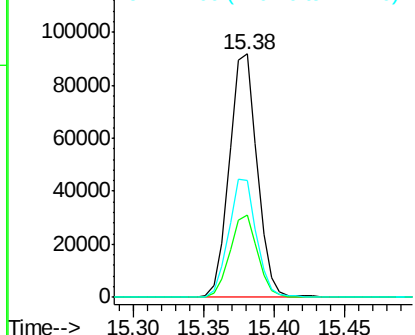
#61
 4-Chlorophenyl-phenylether
 Concen: 33.808 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

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

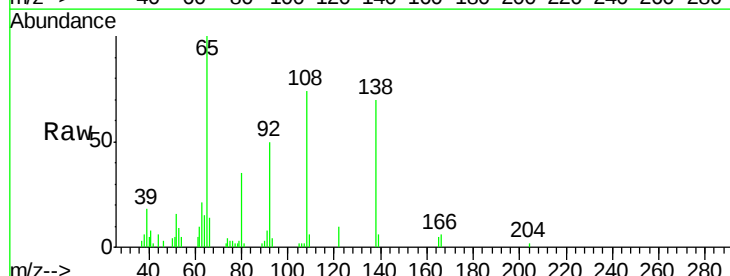


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

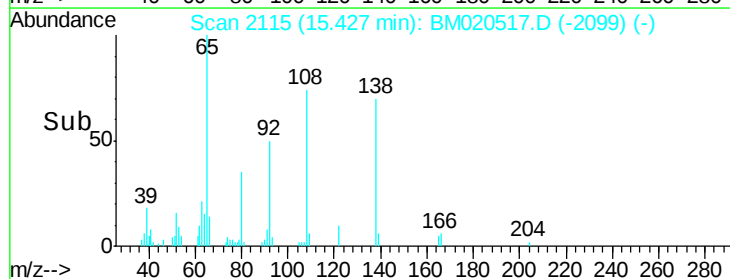
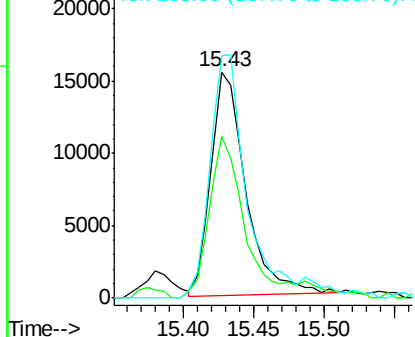


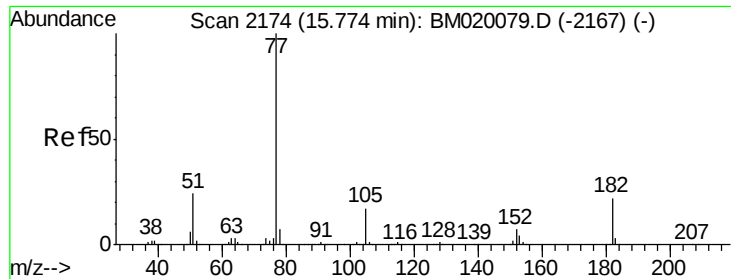
#62
 4-Nitroaniline
 Concen: 18.401 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion:138 Resp: 26681
 Ion Ratio Lower Upper
 138 100
 92 71.7 45.9 85.9
 108 107.0 97.7 137.7



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





#63

Azobenzene

Concen: 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

Tgt Ion: 77 Resp: 217445

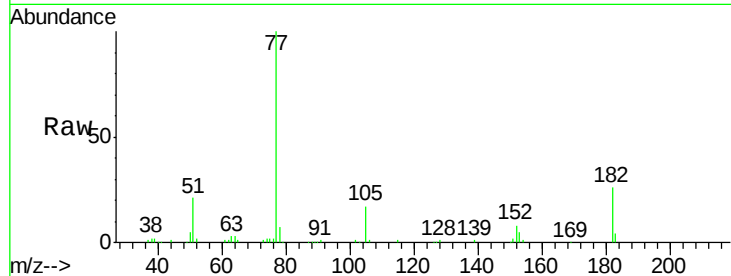
Ion Ratio Lower Upper

77 100

182 26.4 2.1 42.1

105 16.8 0.0 36.8

51 21.5 3.8 43.8

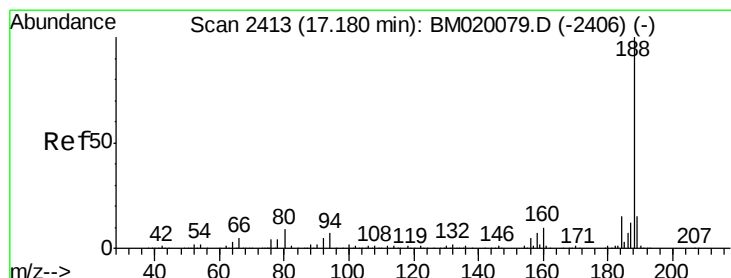
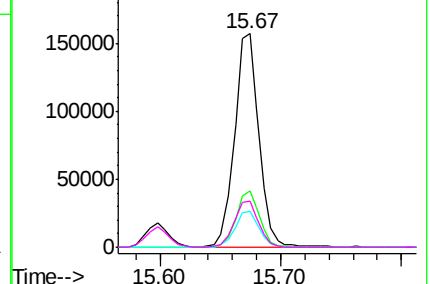
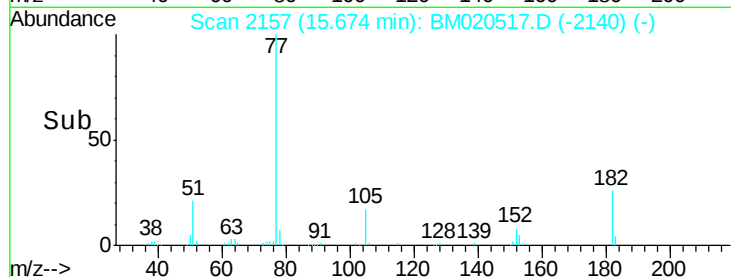


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

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

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

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

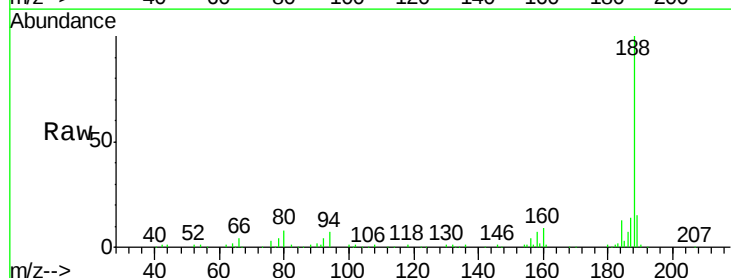
Tgt Ion: 188 Resp: 196977

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

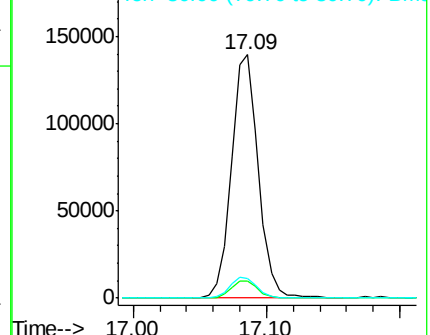
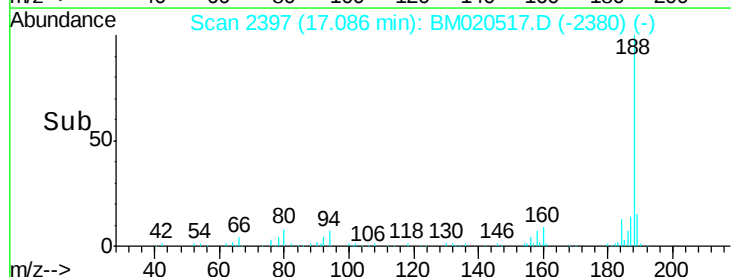
80 8.2 7.4 11.2

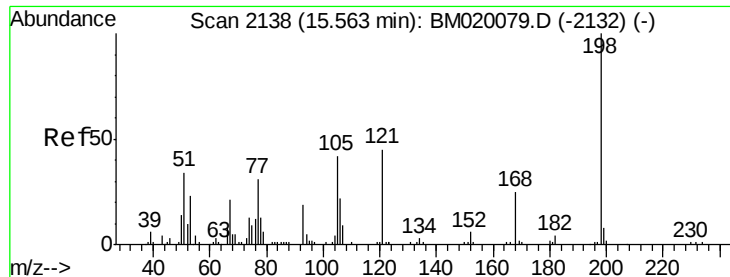


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

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

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

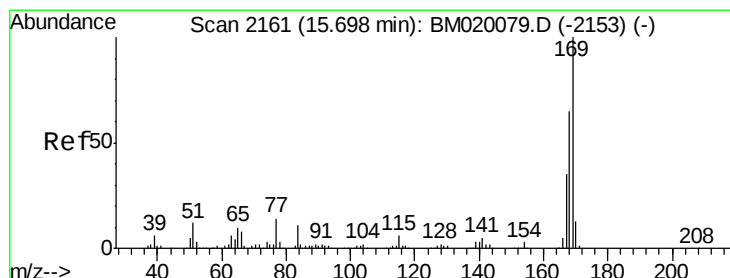
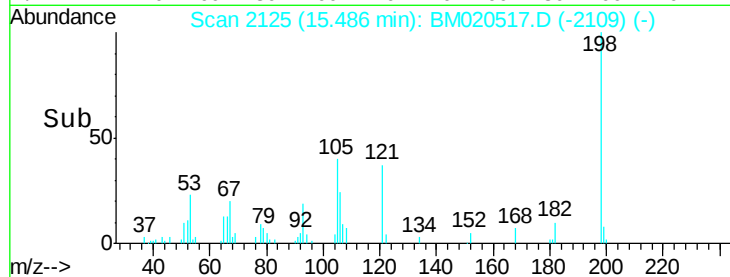
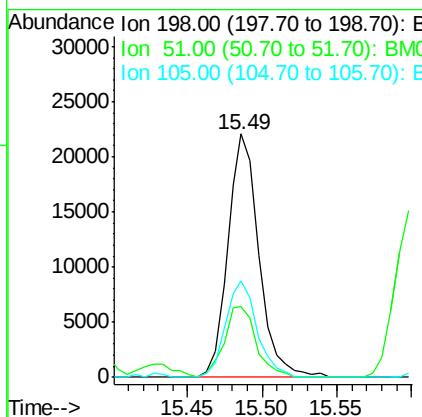
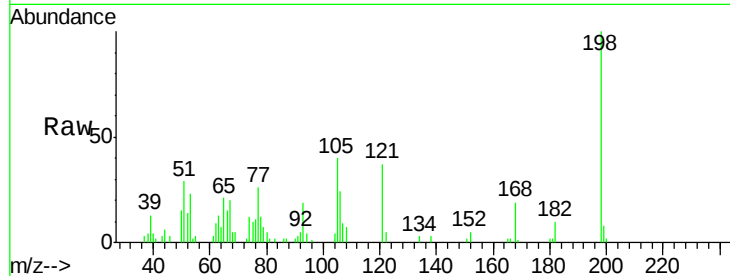




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.714 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

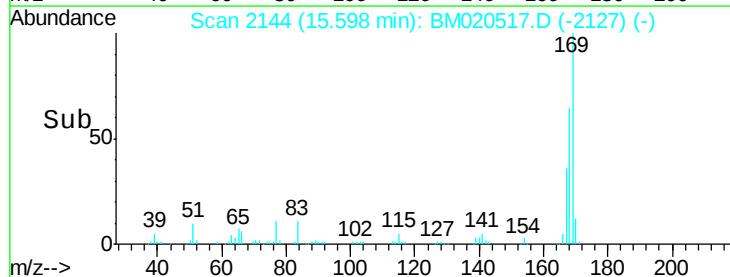
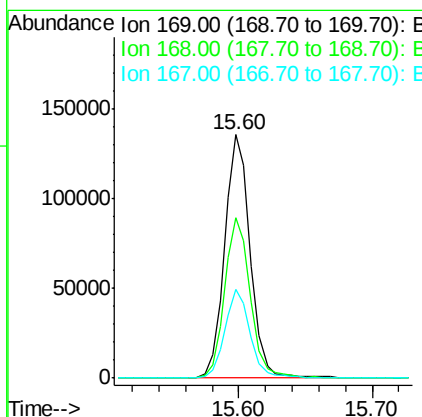
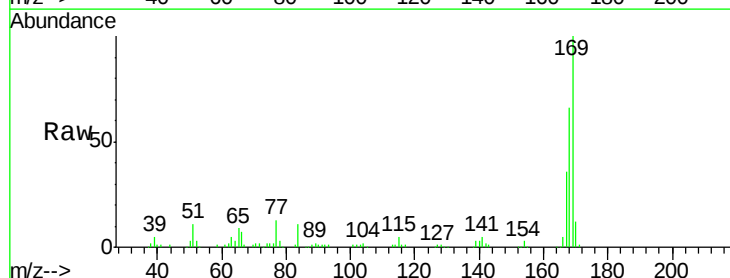
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

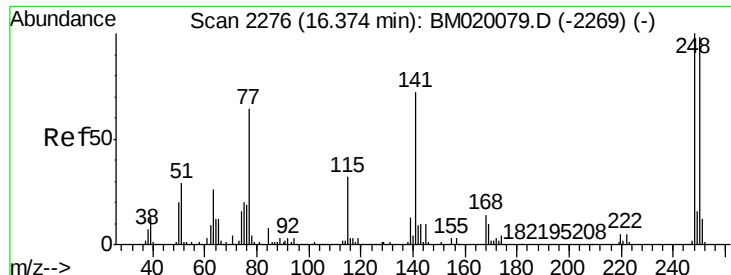
Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.8	16.5	56.5
105	39.8	22.8	62.8



#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

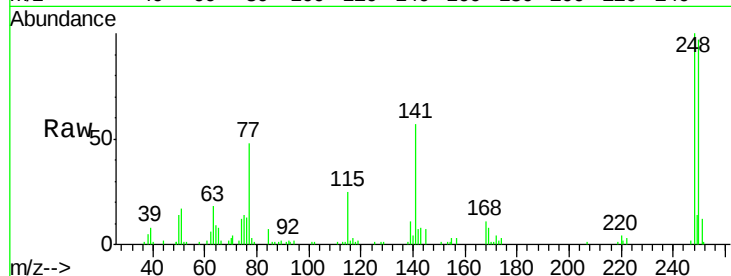




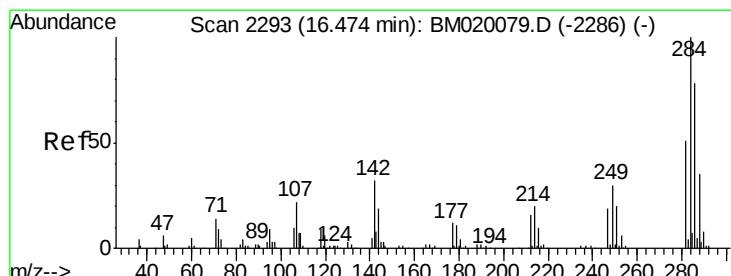
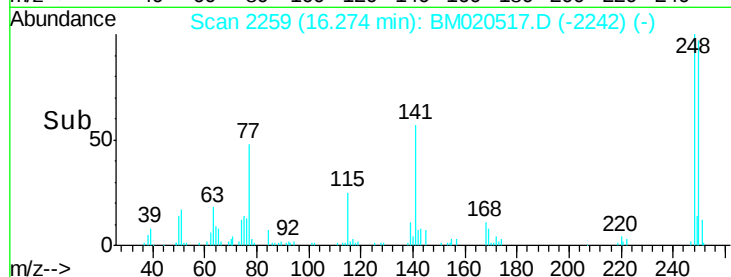
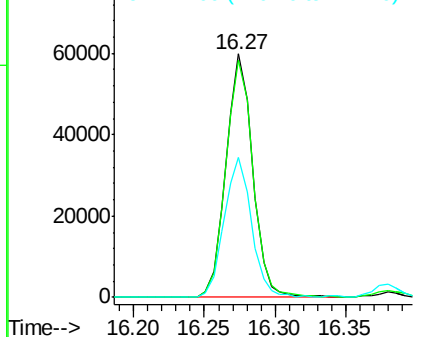
#67
 4-Bromophenyl-phenylether
 Concen: 32.597 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

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

Tgt Ion:248 Resp: 78736
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.4 117.6
 141 57.3 57.4 86.2#

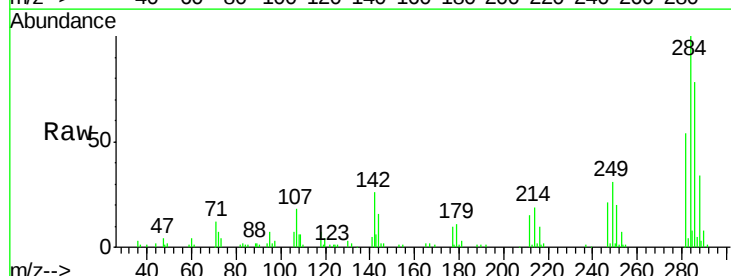


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

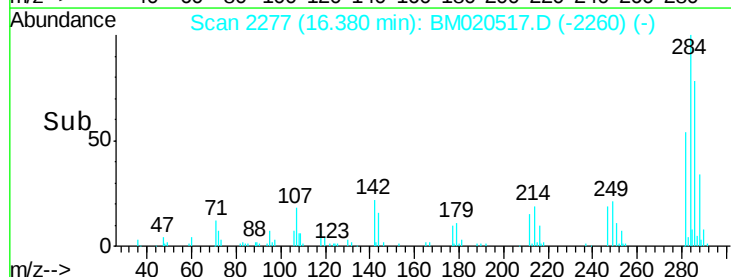
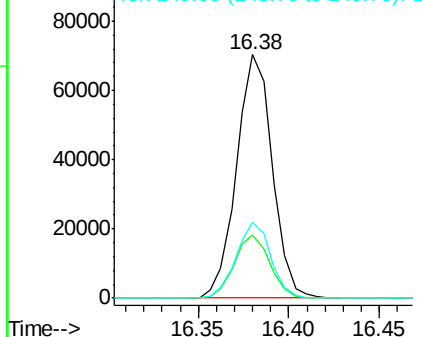


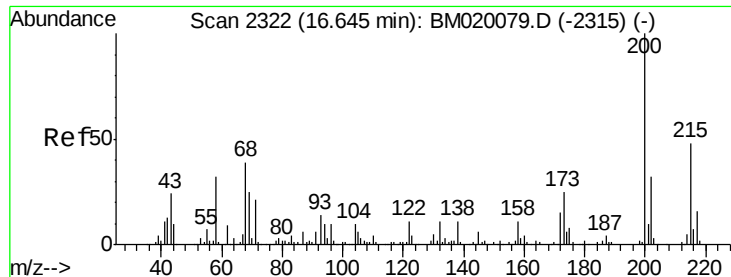
#68
 Hexachlorobenzene
 Concen: 34.614 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

Tgt Ion:284 Resp: 96211
 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

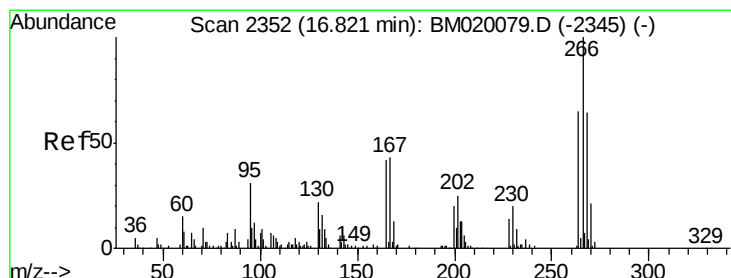
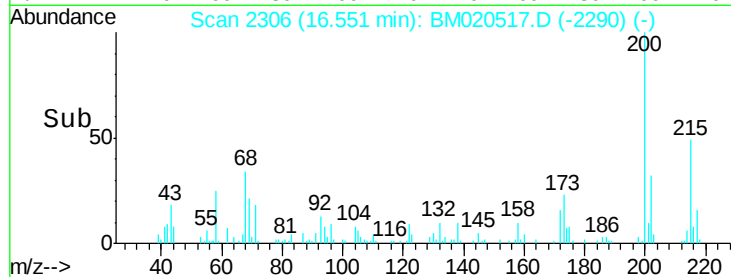
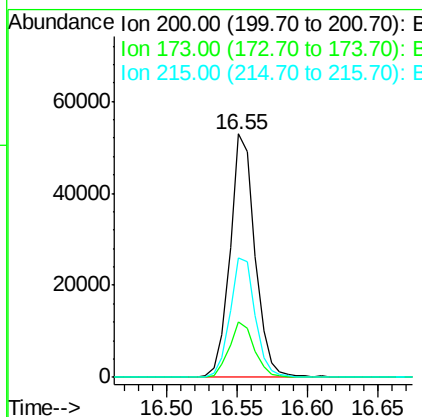
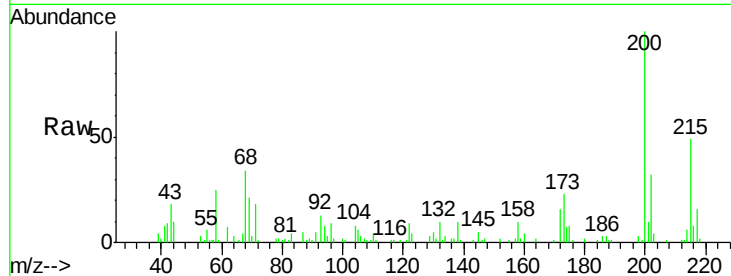




#69
 Atrazine
 Concen: 28.718 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

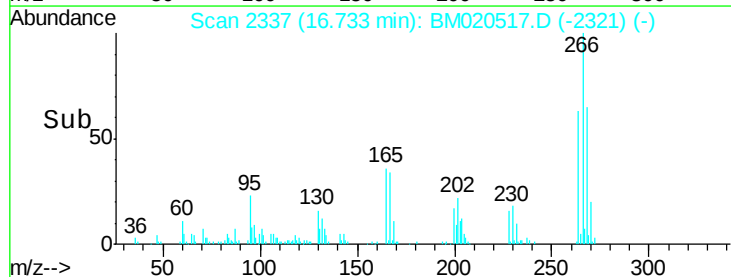
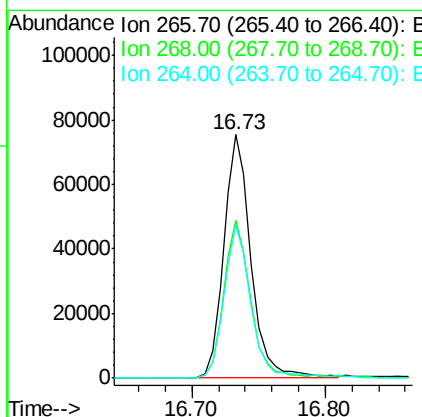
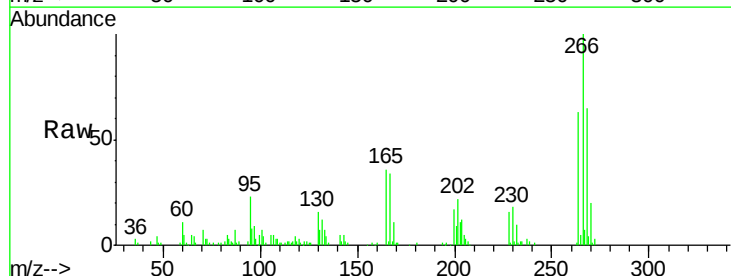
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

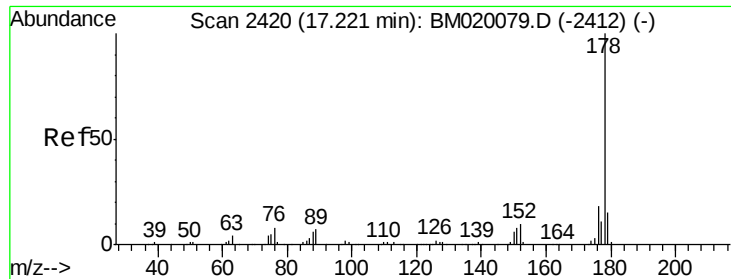
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.6	44.6
215	49.1	28.0	68.0



#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

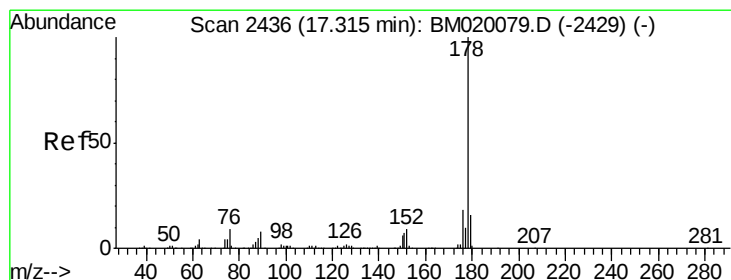
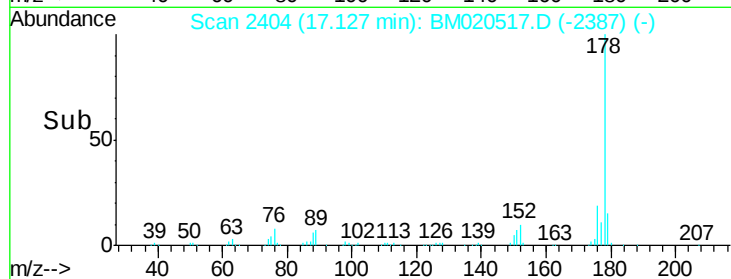
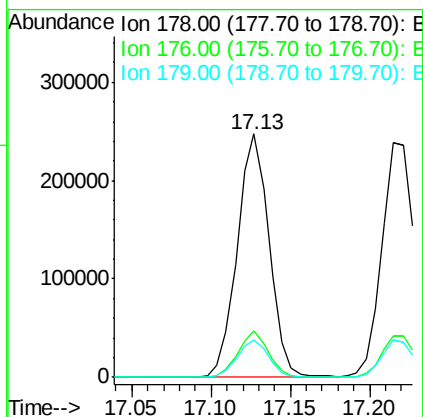
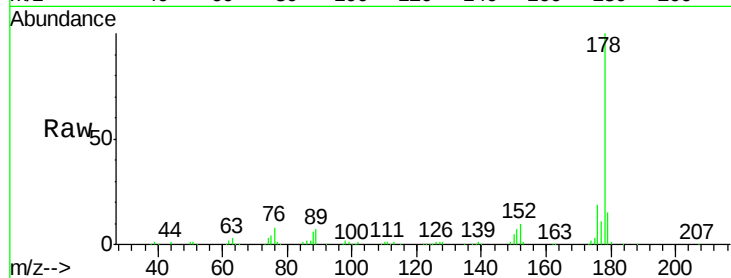




#71
Phenanthrene
Concen: 31.814 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

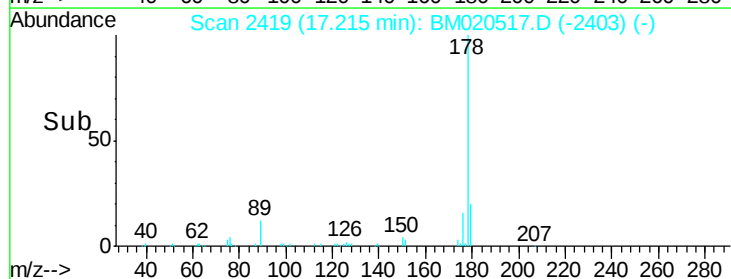
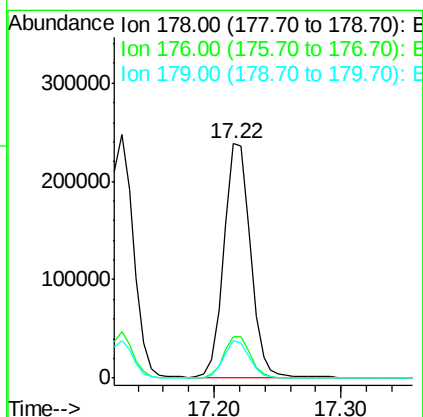
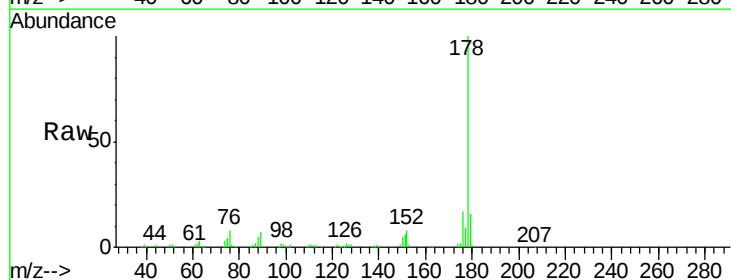
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

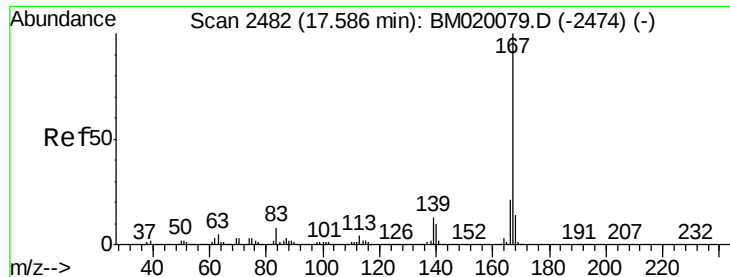
Tgt Ion:178 Resp: 345925
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.5 12.4 18.6



#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:178 Resp: 343411
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 15.9 12.4 18.6

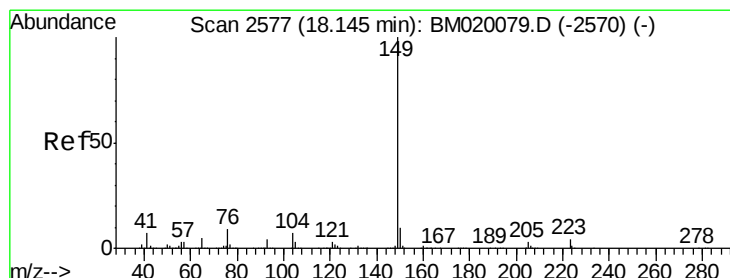
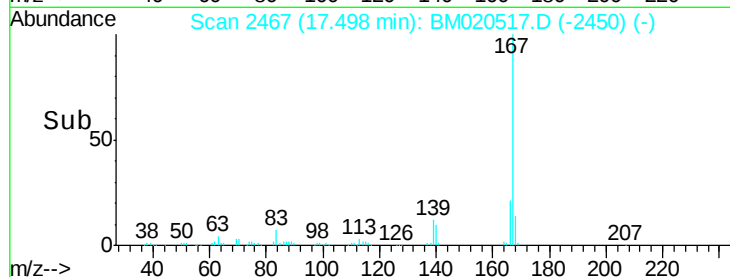
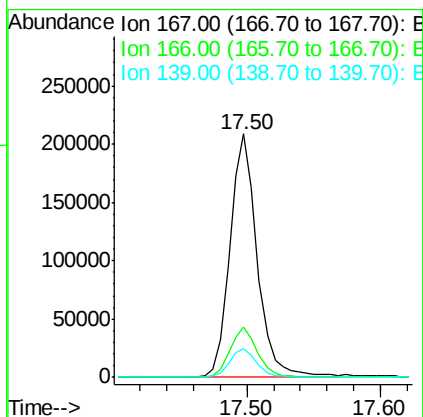
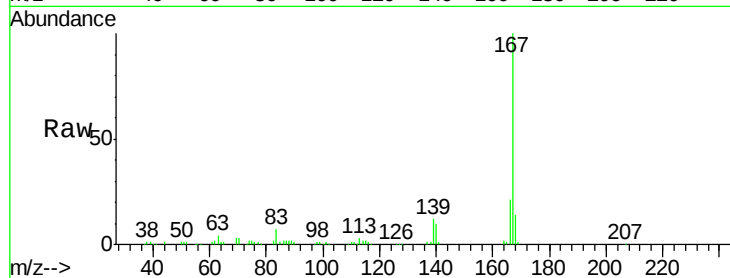




#73
 Carbazole
 Concen: 30.353 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM020517.D
 Acq: 23 May 2019 15:56

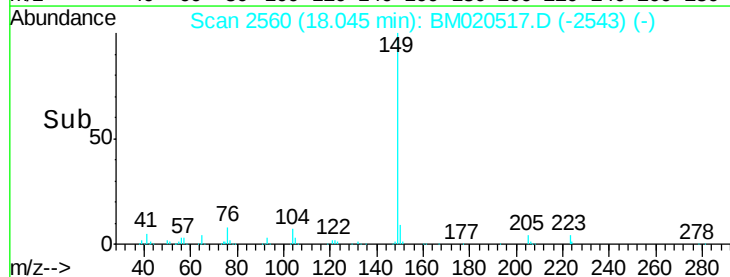
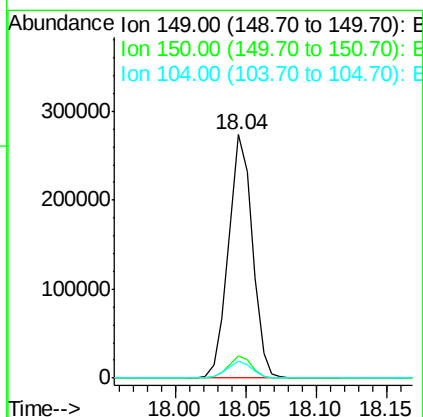
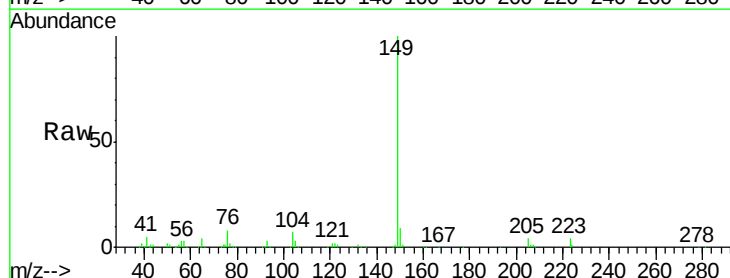
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

Tgt Ion:167 Resp: 297742
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 11.9 10.6 16.0



#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:149 Resp: 323015
 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

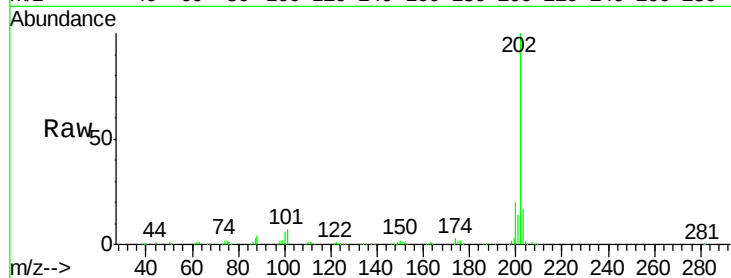
Tgt Ion:202 Resp: 458697

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

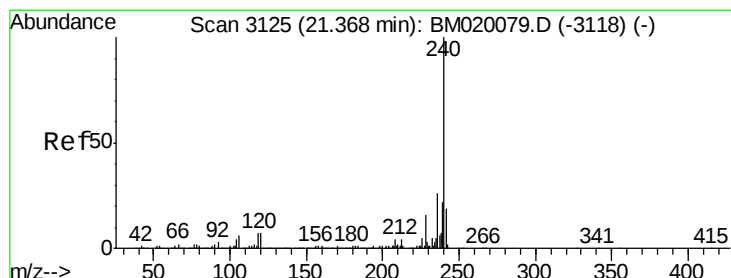
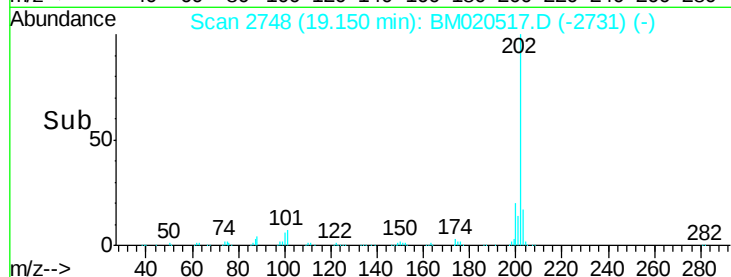
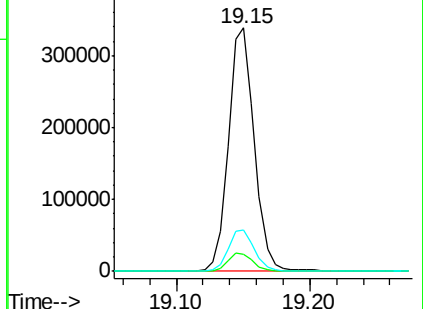
203 17.0 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

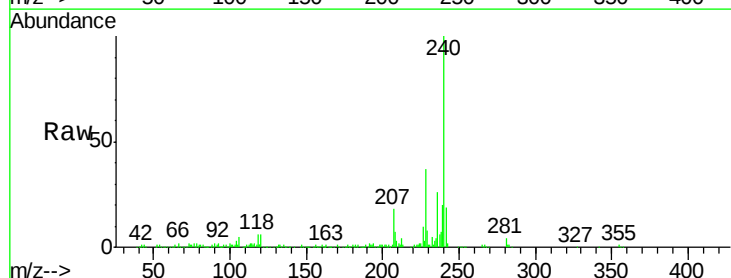
Tgt Ion:240 Resp: 236888

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

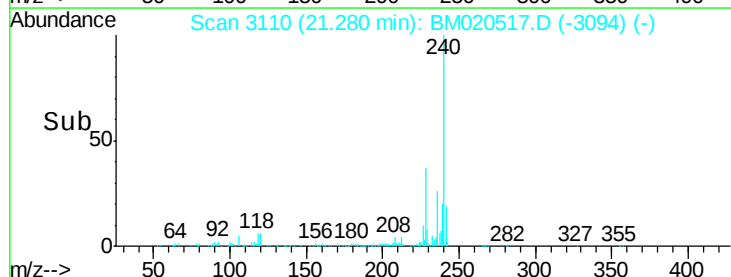
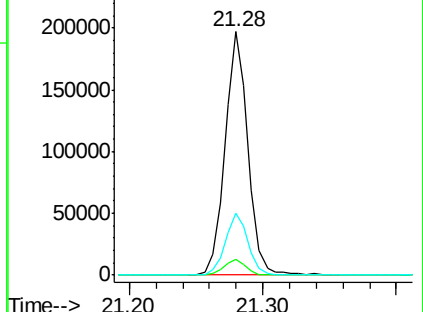
236 25.5 20.9 31.3

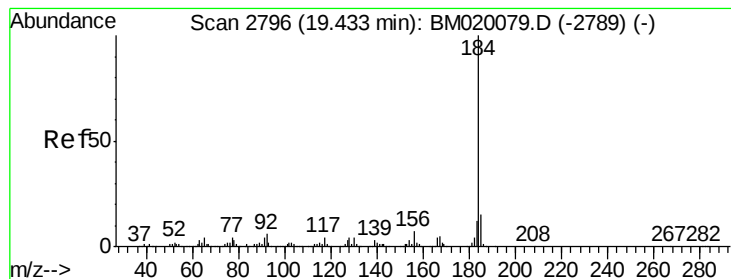


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 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

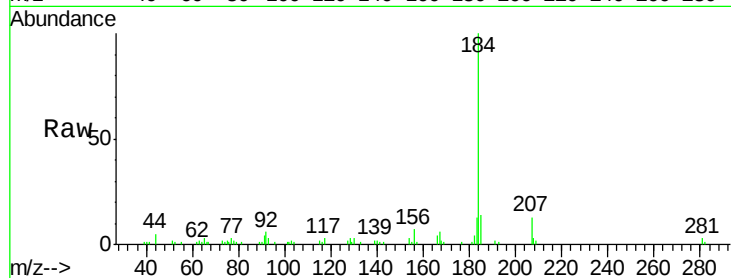
Tgt Ion:184 Resp: 65623

Ion Ratio Lower Upper

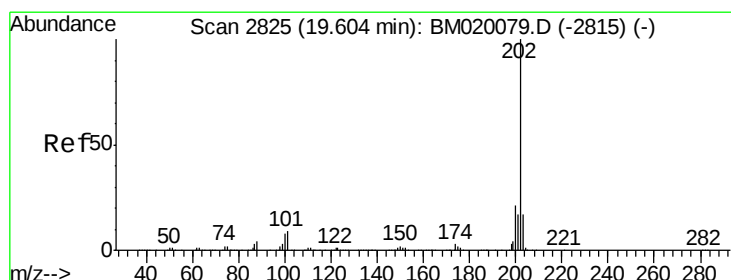
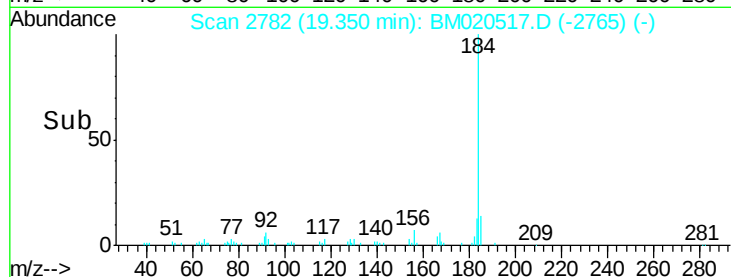
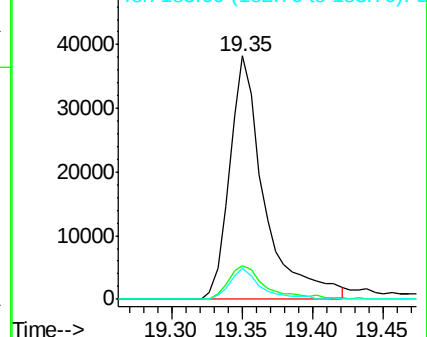
184 100

185 13.7 12.0 18.0

183 12.5 9.5 14.3



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



#78

Pyrene

Concen: 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

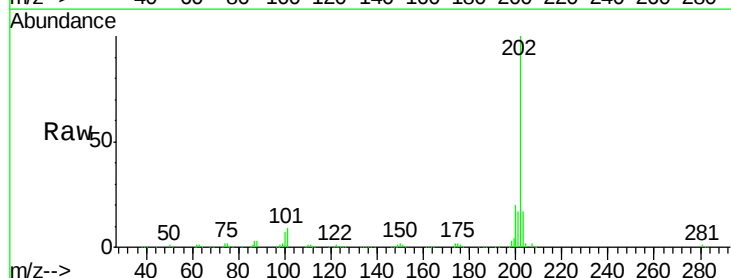
Tgt Ion:202 Resp: 466308

Ion Ratio Lower Upper

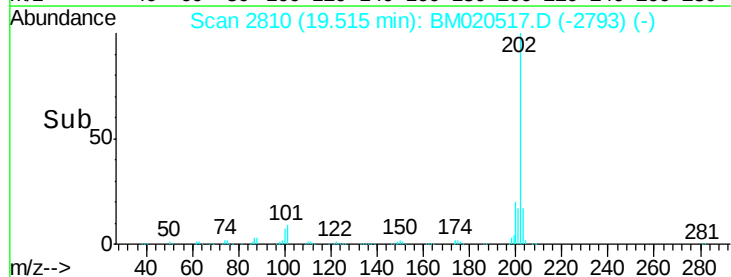
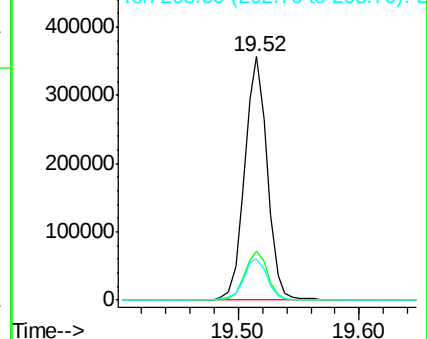
202 100

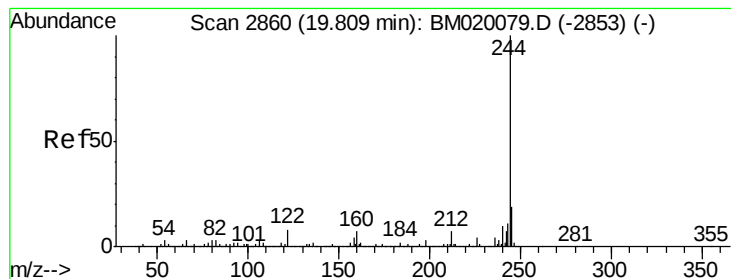
200 20.3 16.5 24.7

203 17.2 13.9 20.9



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





#79

Terphenyl-d14

Concen: 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

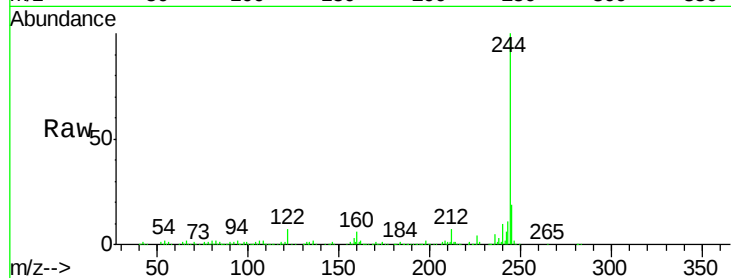
Tgt Ion:244 Resp: 712722

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

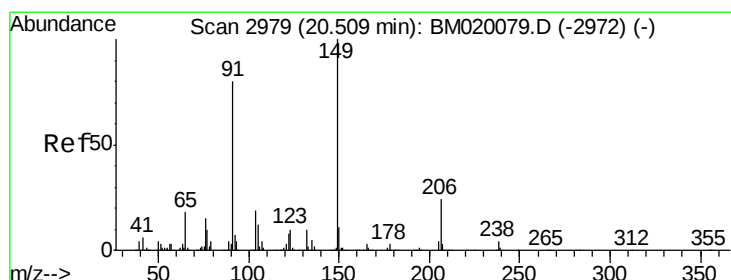
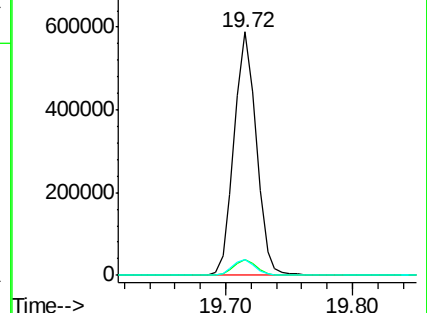
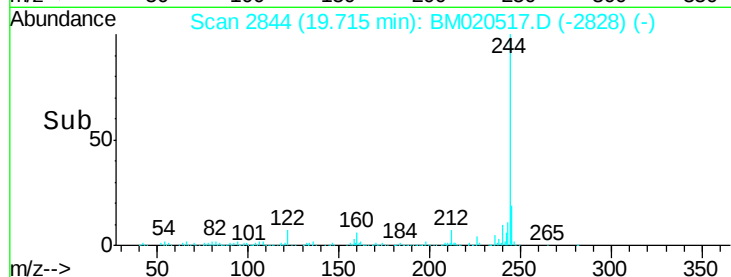
122 6.7 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

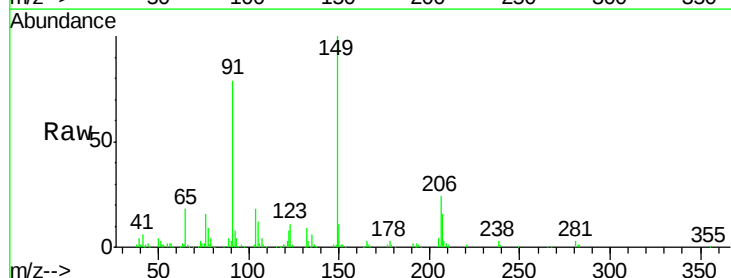
Tgt Ion:149 Resp: 146902

Ion Ratio Lower Upper

149 100

91 79.1 63.8 95.8

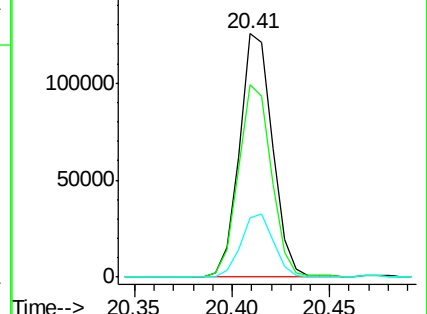
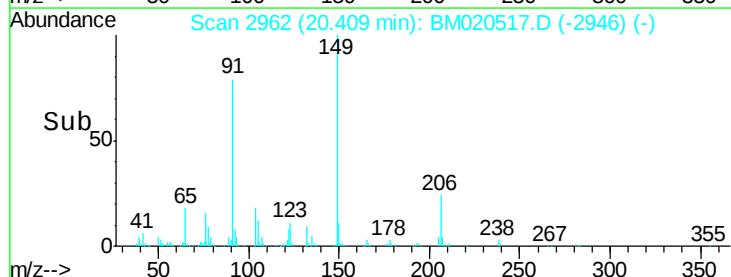
206 24.4 18.9 28.3

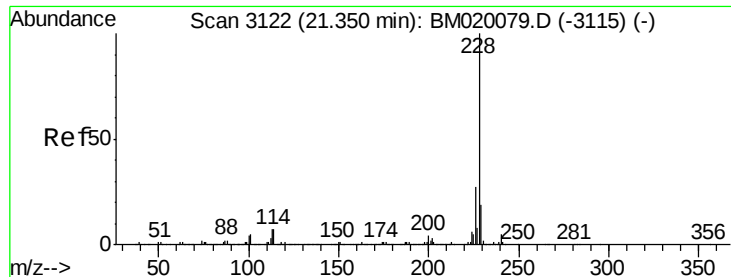


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

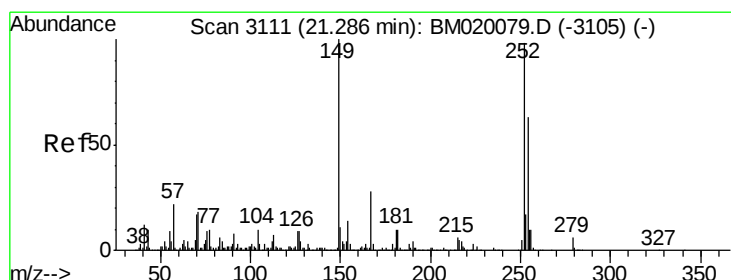
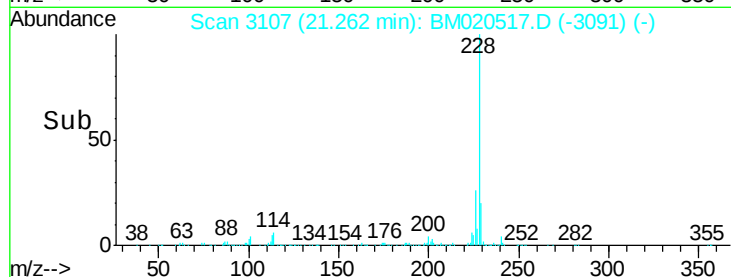
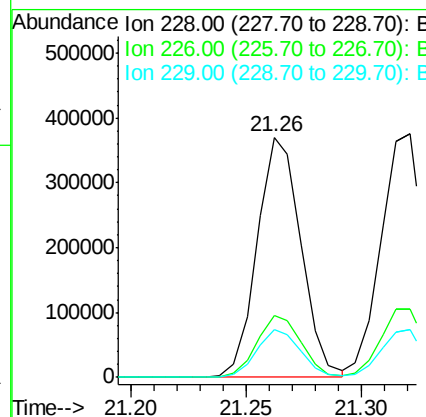
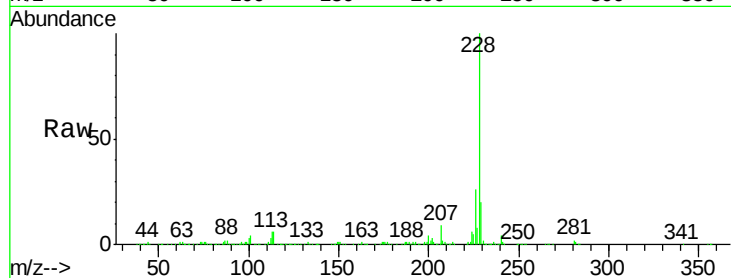




#81
Benzo(a)anthracene
Concen: 29.445 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

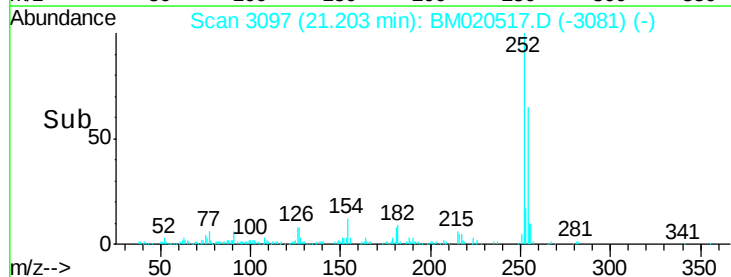
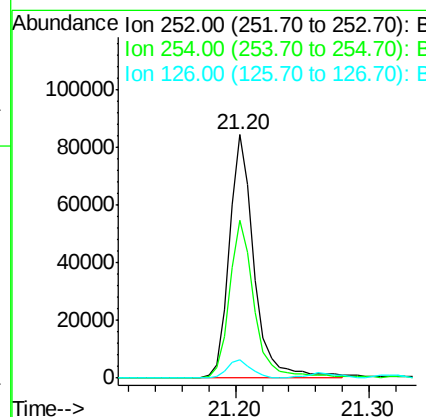
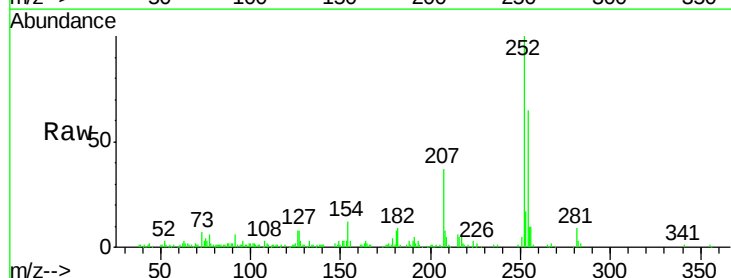
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

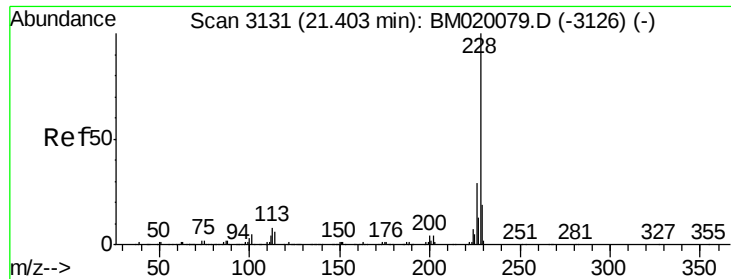
Tgt Ion:228 Resp: 489163
Ion Ratio Lower Upper
228 100
226 25.8 21.3 31.9
229 19.7 15.5 23.3



#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:252 Resp: 110682
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

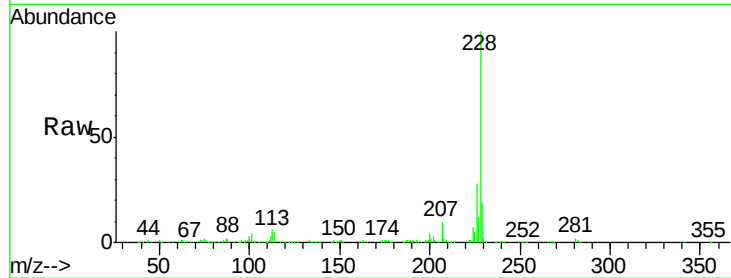
Tgt Ion:228 Resp: 494104

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.6

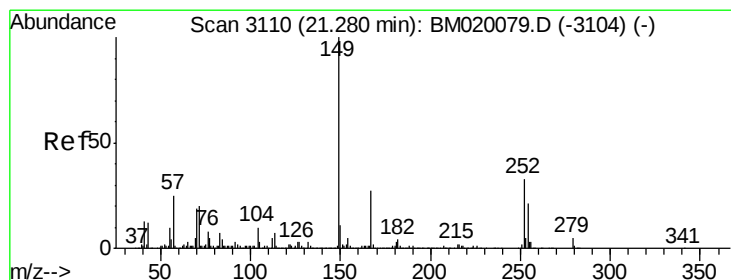
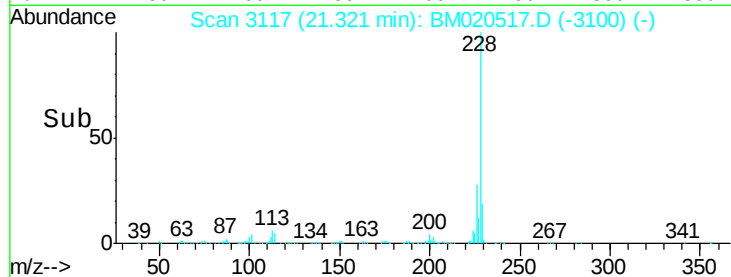
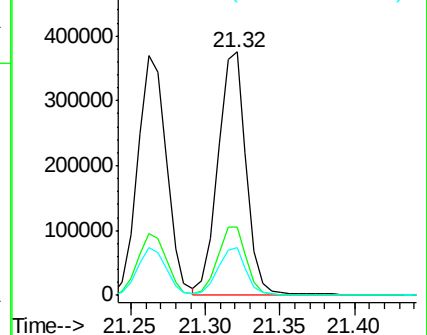
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

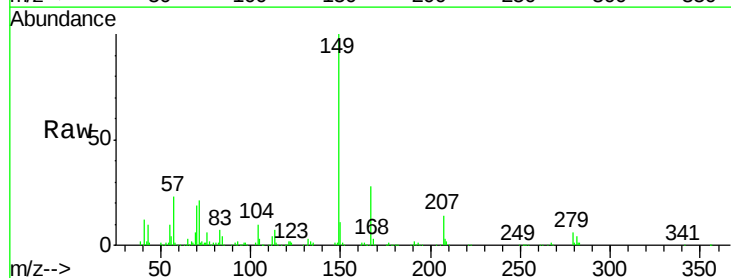
Tgt Ion:149 Resp: 228101

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

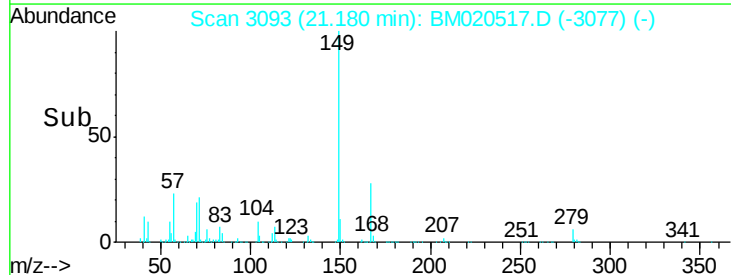
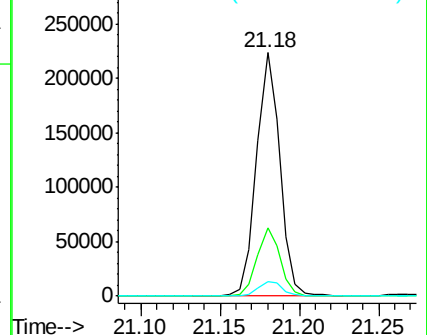
279 5.9 4.2 6.2

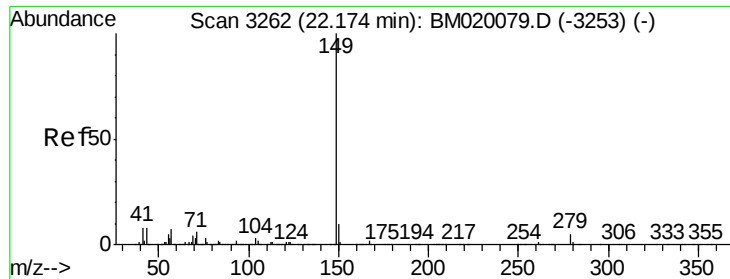


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

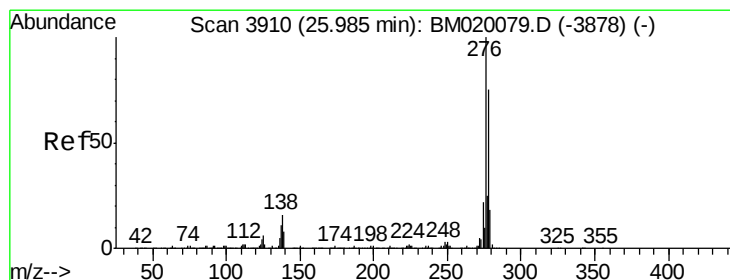
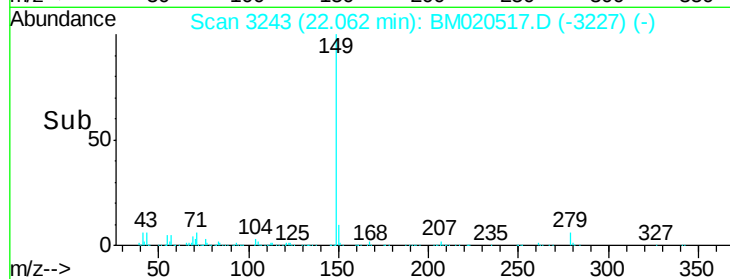
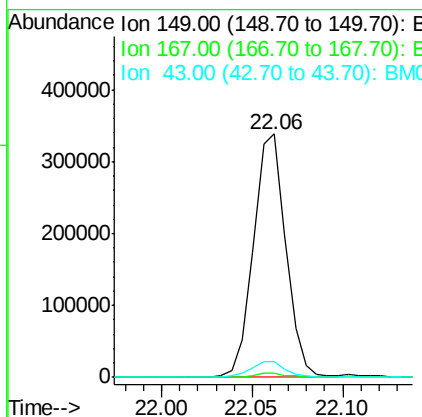
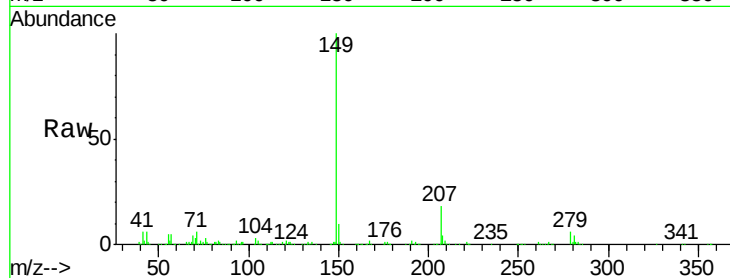




#85
Di-n-octyl phthalate
Concen: 28.068 ng
RT: 22.06 min Scan# 3243
Delta R.T. -0.01 min
Lab File: BM020517.D
Acq: 23 May 2019 15:56

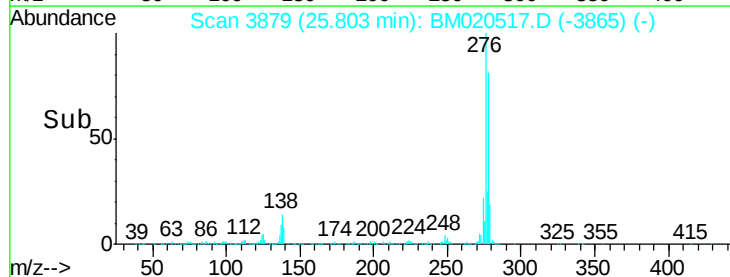
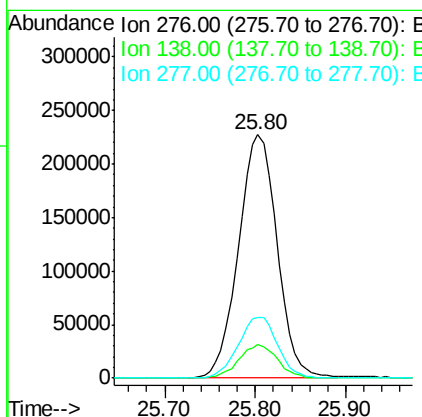
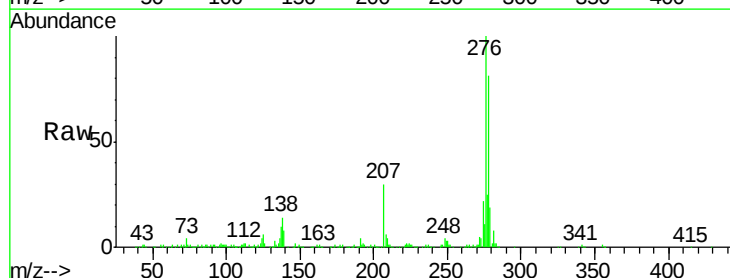
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

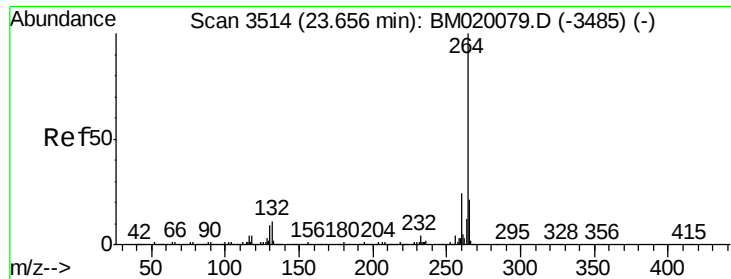
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	6.4	6.5	9.7#



#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	Lower	Upper
276	100		
138	13.8	0.0	0.0#
277	25.6	0.0	0.0#





#87

Perylene-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

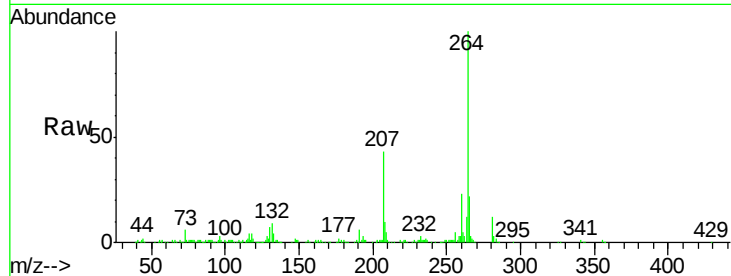
Tgt Ion:264 Resp: 276998

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

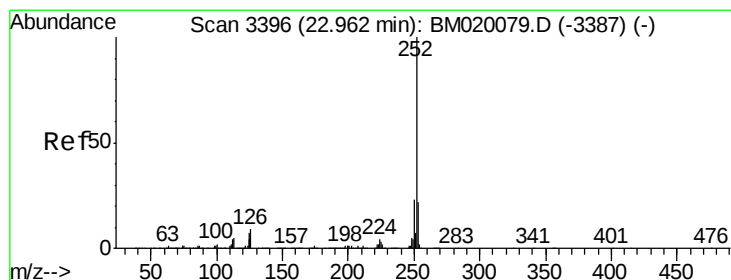
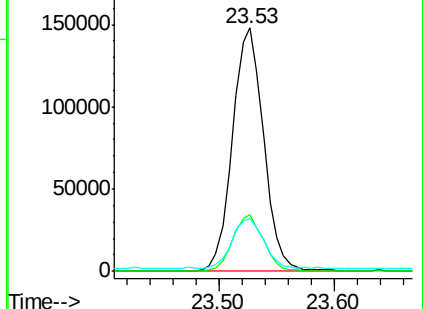
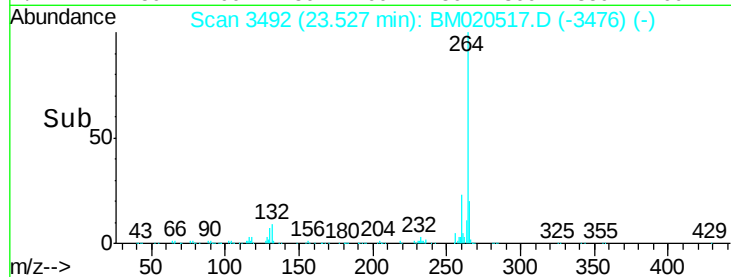
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.243 ng

RT: 22.89 min Scan# 3384

Delta R.T. 0.04 min

Lab File: BM020517.D

Acq: 23 May 2019 15:56

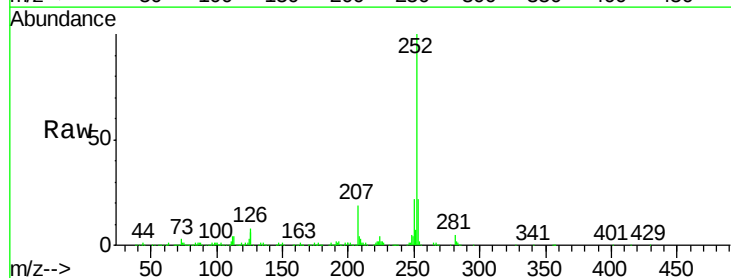
Tgt Ion:252 Resp: 498316

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

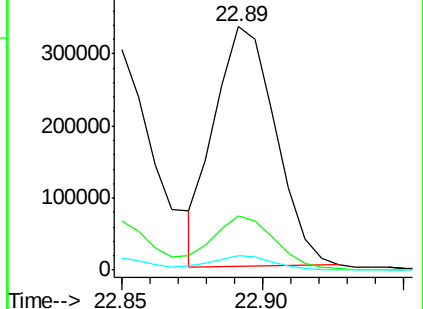
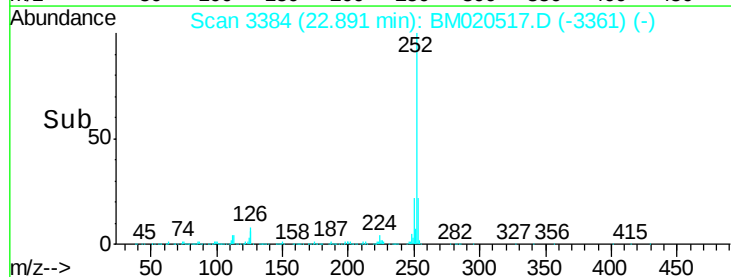
125 5.9 5.4 8.2

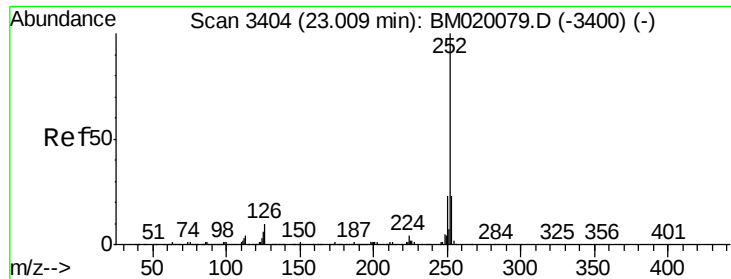


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 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

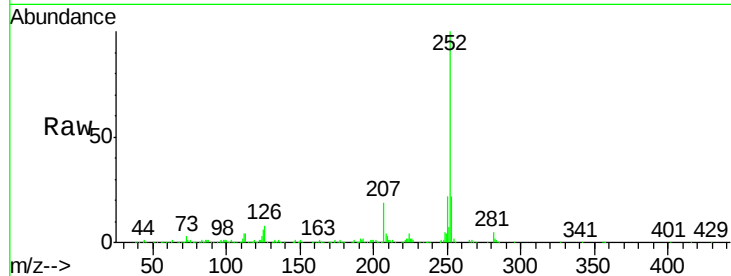
Tgt Ion:252 Resp: 517556

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

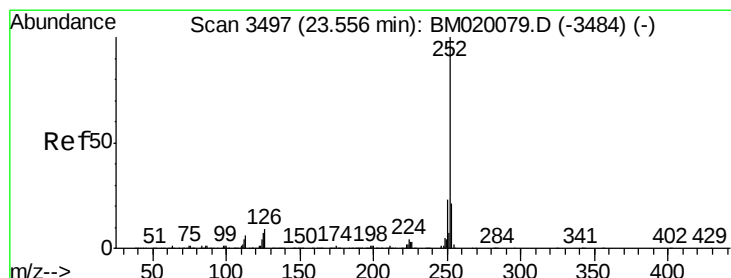
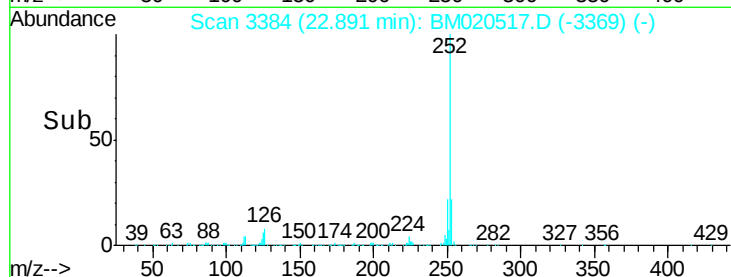
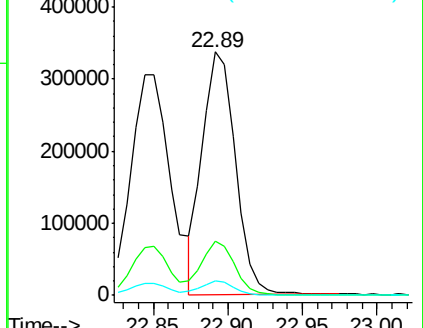
125 5.9 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

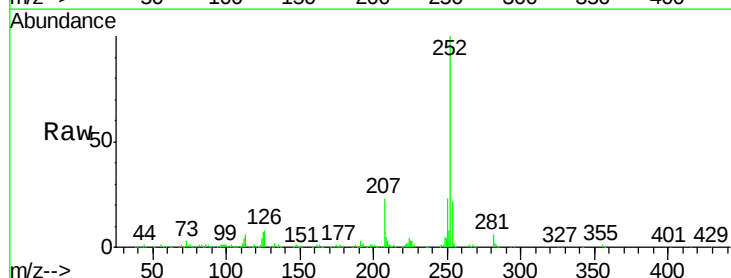
Tgt Ion:252 Resp: 529095

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

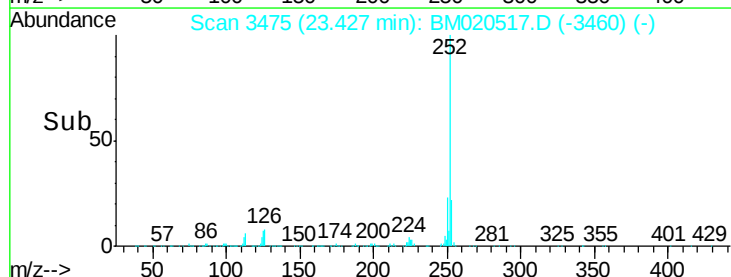
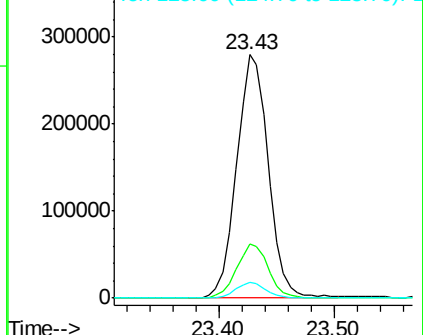
125 6.6 5.5 8.3

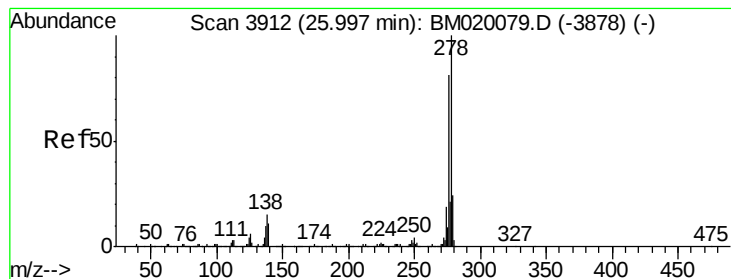


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

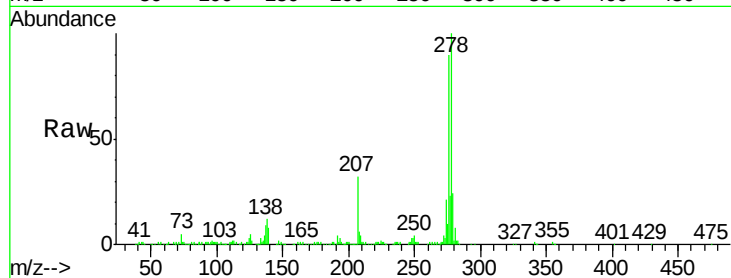
Tgt Ion:278 Resp: 579374

Ion Ratio Lower Upper

278 100

139 8.5 8.6 13.0#

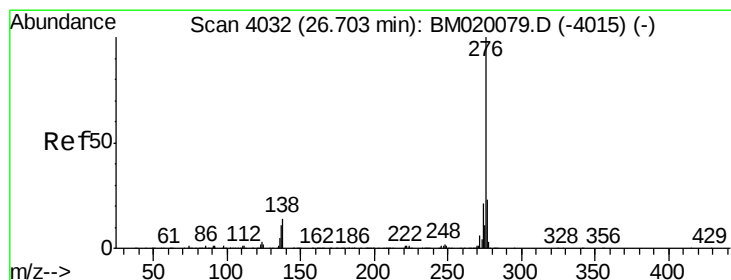
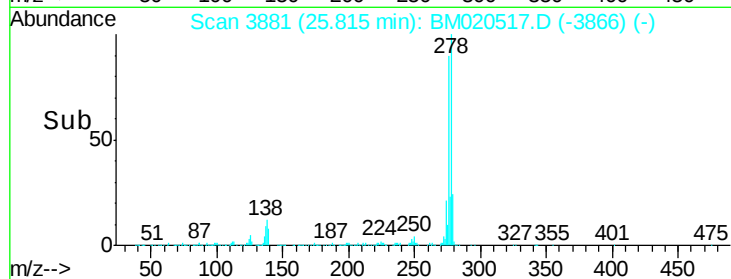
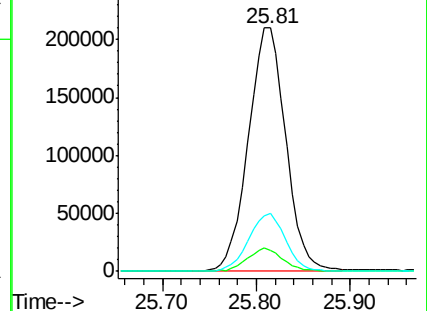
279 23.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#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

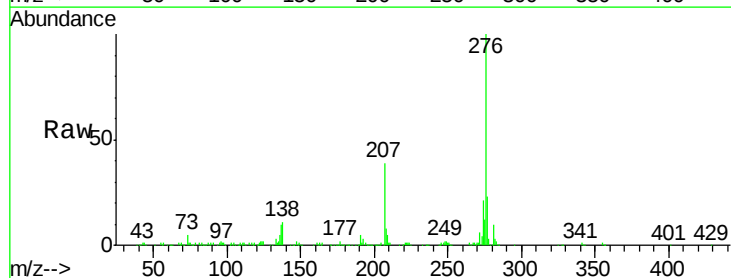
Tgt Ion:276 Resp: 570750

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 11.3 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

