

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020519.D
 Acq On : 23 May 2019 17:08
 Operator : JU/SJ
 Sample : K2966-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 24 02:07:47 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	56806	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	194088	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	118661	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	293096	20.00	ng	0.00
76) Chrysene-d12	21.28	240	310297	20.00	ng	0.00
87) Perylene-d12	23.53	264	350826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	404885	116.51	ng	0.00
7) Phenol-d6	6.85	99	542579	114.28	ng	0.00
23) Nitrobenzene-d5	8.84	82	352831	71.77	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	243644	132.28	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	686433	71.17	ng	0.00
79) Terphenyl-d14	19.72	244	1231418	69.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	52273	30.669	ng	# 82
3) Pyridine	3.58	79	107690	24.704	ng	89
4) n-Nitrosodimethylamine	3.50	42	39537	28.284	ng	# 39
6) Aniline	7.01	93	103696	17.351	ng	95
8) 2-Chlorophenol	7.23	128	139282	36.808	ng	95
9) Benzaldehyde	6.83	77	99187	27.603	ng	91
10) Phenol	6.87	94	197380	38.619	ng	87
11) bis(2-Chloroethyl)ether	7.10	93	134945	36.326	ng	95
12) 1,3-Dichlorobenzene	7.55	146	152586	34.658	ng	94
13) 1,4-Dichlorobenzene	7.70	146	158618	35.664	ng	97
14) 1,2-Dichlorobenzene	8.02	146	150491	35.516	ng	98
15) Benzyl Alcohol	7.92	79	132442	28.930	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	87476	28.399	ng	92
17) 2-Methylphenol	8.12	107	116451	35.394	ng	94
18) Hexachloroethane	8.73	117	59453	32.059	ng	90
19) n-Nitroso-di-n-propylamine	8.48	70	120035	29.552	ng	# 94
20) 3+4-Methylphenols	8.45	107	152242	34.816	ng	94
22) Acetophenone	8.50	105	210267	39.640	ng	# 94
24) Nitrobenzene	8.89	77	185153	36.325	ng	95
25) Isophorone	9.40	82	308400	36.378	ng	99
26) 2-Nitrophenol	9.59	139	66135	42.977	ng	92
27) 2,4-Dimethylphenol	9.65	122	110221	43.023	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	167907	36.365	ng	99
29) 2,4-Dichlorophenol	10.12	162	133754	41.403	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	161789	40.702	ng	96
31) Naphthalene	10.51	128	382642	37.991	ng	99
32) Benzoic acid	9.78	122	48724	29.659	ng	# 89
33) 4-Chloroaniline	10.65	127	40814	9.845	ng	94
34) Hexachlorobutadiene	10.77	225	111952	39.813	ng	98
35) Caprolactam	11.45	113	30528	31.604	ng	96
36) 4-Chloro-3-methylphenol	11.77	107	133897	35.270	ng	94
37) 2-Methylnaphthalene	12.13	142	274992	37.451	ng	98
38) 1-Methylnaphthalene	12.35	142	261833	36.466	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	200306	43.146	ng	# 97

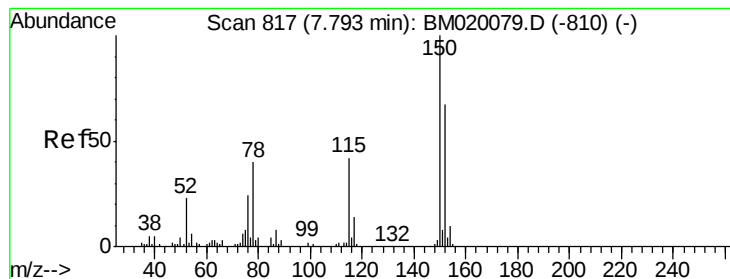
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020519.D
 Acq On : 23 May 2019 17:08
 Operator : JU/SJ
 Sample : K2966-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 24 02:07:47 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)
41) Hexachlorocyclopentadiene	12.46	237	168013	61.464	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	120190	45.553	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	127812	43.363	ng	94
46) 1,1'-Biphenyl	13.16	154	369101	37.791	ng	97
47) 2-Chloronaphthalene	13.20	162	300251	38.503	ng	96
48) 2-Nitroaniline	13.43	65	81071	29.202	ng	95
49) Acenaphthylene	14.05	152	449893	36.049	ng	100
50) Dimethylphthalate	13.79	163	482858	47.878	ng	98
51) 2,6-Dinitrotoluene	13.93	165	78326	36.874	ng	90
52) Acenaphthene	14.39	154	262594	36.692	ng	99
53) 3-Nitroaniline	14.26	138	30437	15.439	ng	94
54) 2,4-Dinitrophenol	14.48	184	79364	75.164	ng	87
55) Dibenzofuran	14.73	168	459765	38.086	ng	97
56) 4-Nitrophenol	14.57	139	110941	65.954	ng	89
57) 2,4-Dinitrotoluene	14.72	165	111142	38.506	ng	98
58) Fluorene	15.39	166	362891	36.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	124500	44.448	ng	# 92
60) Diethylphthalate	15.16	149	353919	34.832	ng	97
61) 4-Chlorophenyl-phenylether	15.37	204	223813	39.843	ng	91
62) 4-Nitroaniline	15.43	138	53657	24.662	ng	95
63) Azobenzene	15.67	77	385315	32.145	ng	94
65) 4,6-Dinitro-2-methylphenol	15.49	198	58268	40.684	ng	93
66) n-Nitrosodiphenylamine	15.60	169	316642	36.714	ng	97
67) 4-Bromophenyl-phenylether	16.27	248	142337	39.603	ng	# 91
68) Hexachlorobenzene	16.38	284	166167	40.177	ng	94
69) Atrazine	16.56	200	118959	35.295	ng	94
70) Pentachlorophenol	16.73	266	186822	78.948	ng	98
71) Phenanthrene	17.13	178	591339	36.549	ng	99
72) Anthracene	17.22	178	585597	36.201	ng	99
73) Carbazole	17.50	167	509268	34.891	ng	98
74) Di-n-butylphthalate	18.04	149	574834	32.725	ng	98
75) Fluoranthene	19.15	202	750463	36.660	ng	97
77) Benzidine	19.35	184	129257	13.029	ng	99
78) Pyrene	19.52	202	762841	36.617	ng	99
80) Butylbenzylphthalate	20.42	149	252028	33.267	ng	94
81) Benzo(a)anthracene	21.26	228	759822	34.917	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	153452	18.476	ng	99
83) Chrysene	21.32	228	767512	36.367	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	386950	32.915	ng	97
85) Di-n-octyl phthalate	22.06	149	681332	34.870	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.81	276	997207	39.724	ng	# 100
88) Benzo(b)fluoranthene	22.85	252	805389	34.765	ng	# 99
89) Benzo(k)fluoranthene	22.85	252	800255	37.869	ng	99
90) Benzo(a)pyrene	23.43	252	793059	37.688	ng	98
91) Dibenzo(a,h)anthracene	25.81	278	850162	38.849	ng	# 97
92) Benzo(g,h,i)perylene	26.51	276	832102	40.050	ng	97

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

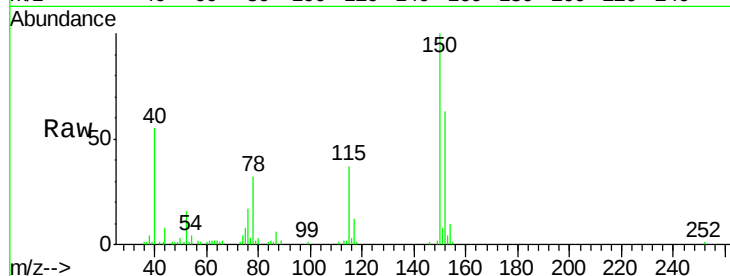


#1

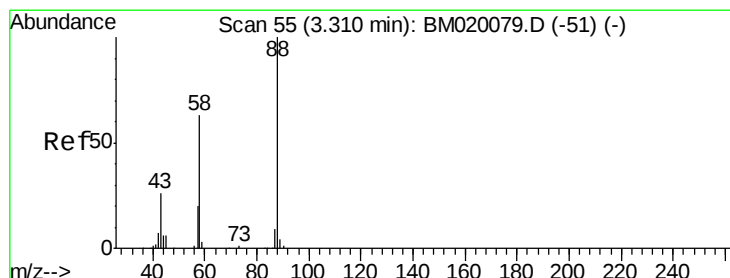
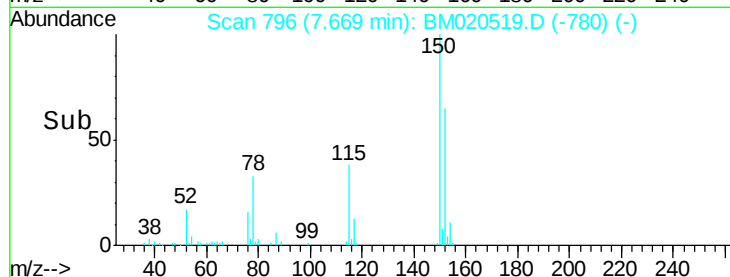
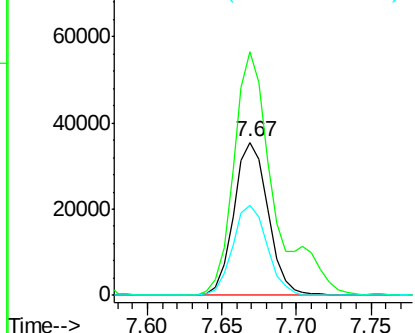
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

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

Tgt Ion: 152 Resp: 56806
Ion Ratio Lower Upper
152 100
150 158.9 119.8 179.8
115 58.8 50.8 76.2



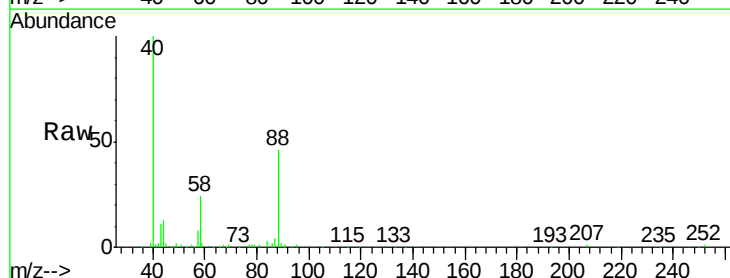
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



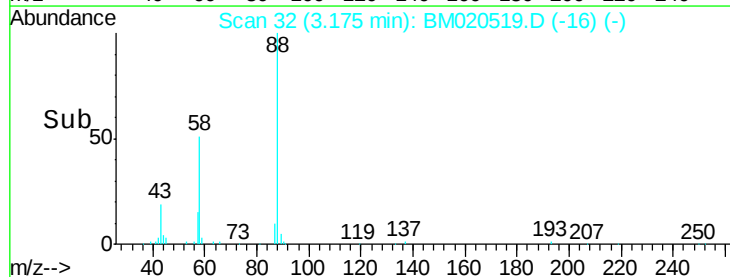
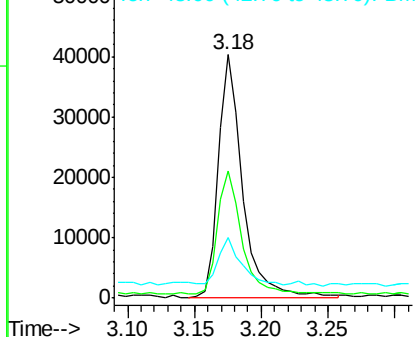
#2

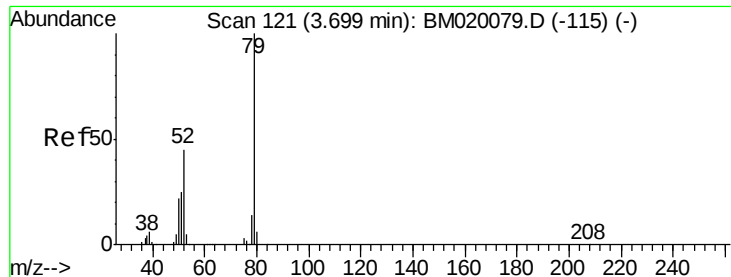
1,4-Dioxane
Concen: 30.669 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion: 88 Resp: 52273
Ion Ratio Lower Upper
88 100
58 49.2 51.8 77.6#
43 18.1 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: 24.704 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

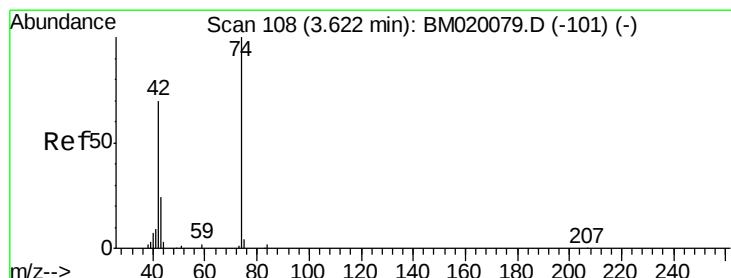
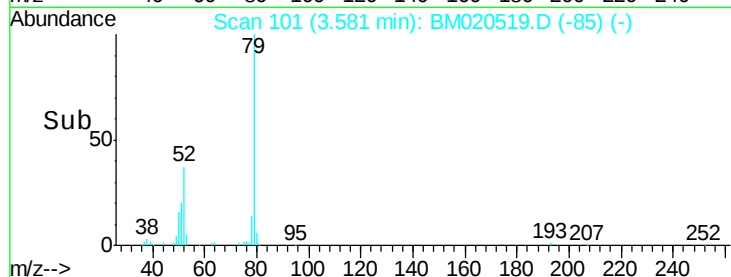
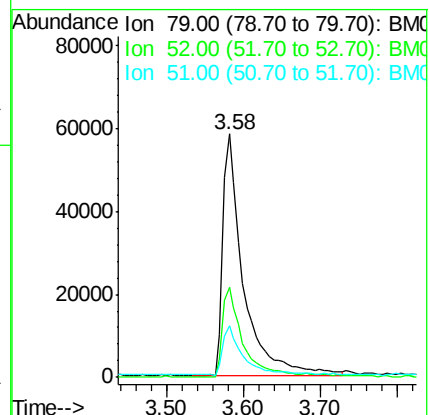
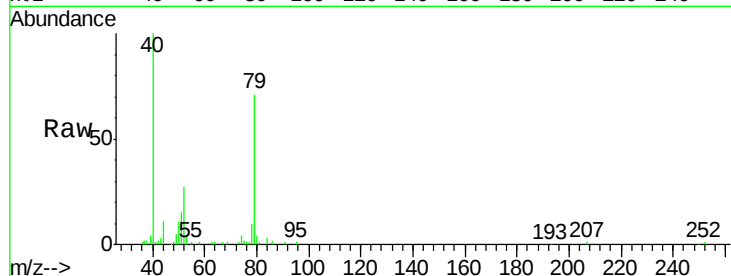
Tgt Ion: 79 Resp: 107690

Ion Ratio Lower Upper

79 100

52 37.2 35.7 53.5

51 21.0 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 28.284 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

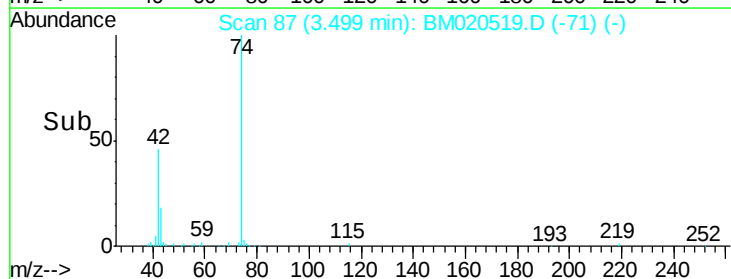
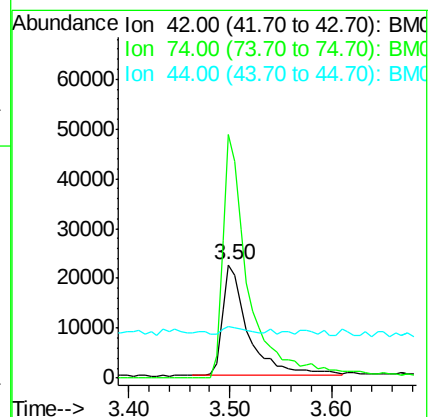
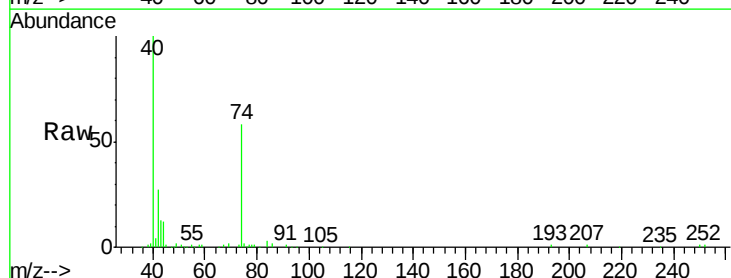
Tgt Ion: 42 Resp: 39537

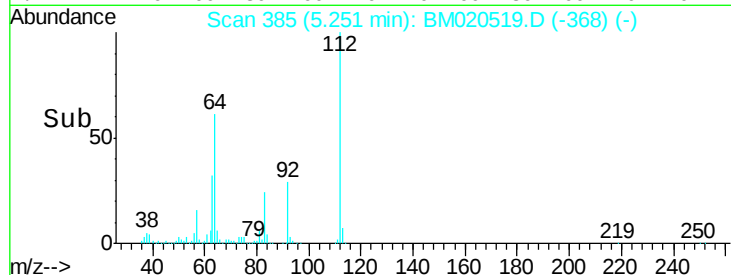
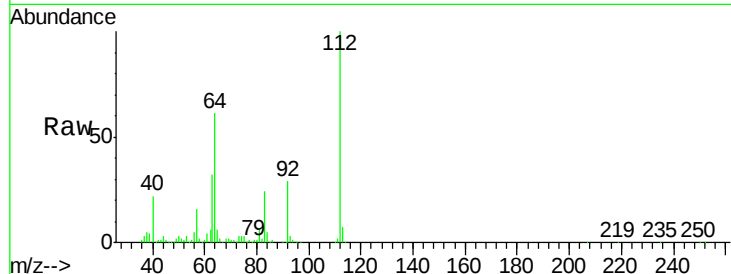
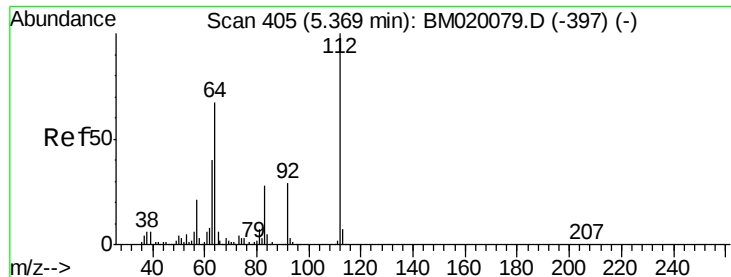
Ion Ratio Lower Upper

42 100

74 215.1 113.7 170.5#

44 45.1 3.9 5.9#

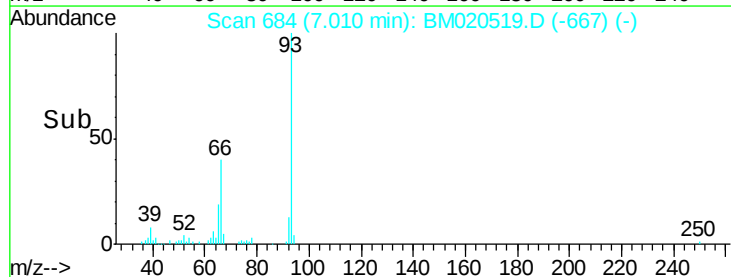
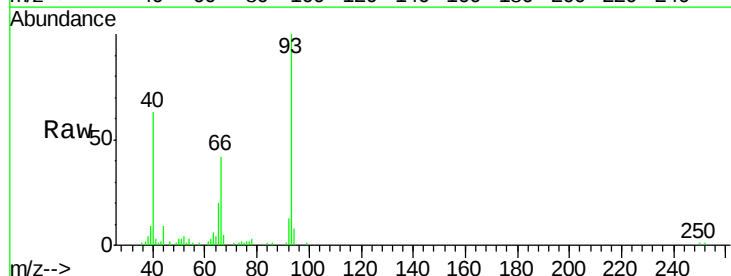
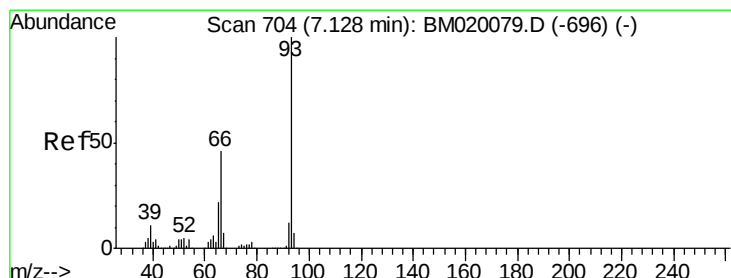
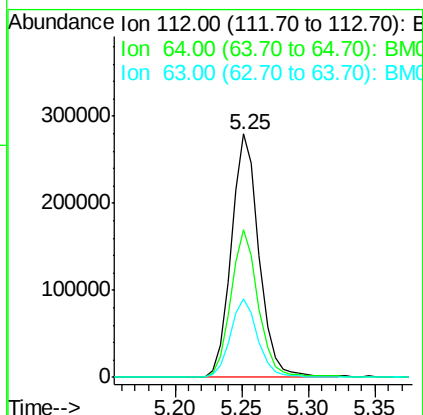




#5
2-Fluorophenol
Concen: 116.506 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

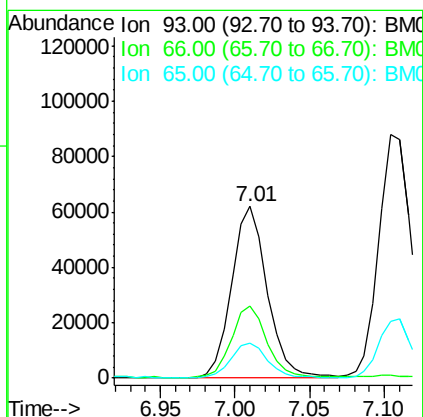
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

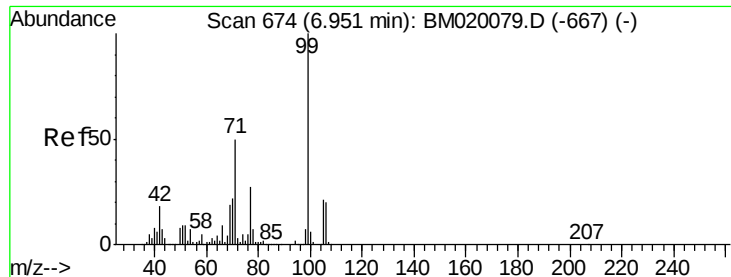
Tgt Ion:	112	Resp:	404885
Ion	Ratio	Lower	Upper
112	100		
64	60.6	53.8	80.6
63	32.5	32.3	48.5



#6
Aniline
Concen: 17.351 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion:	93	Resp:	103696
Ion	Ratio	Lower	Upper
93	100		
66	42.2	36.6	54.8
65	20.3	17.8	26.6





#7

Phenol-d6

Concen: 114.283 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

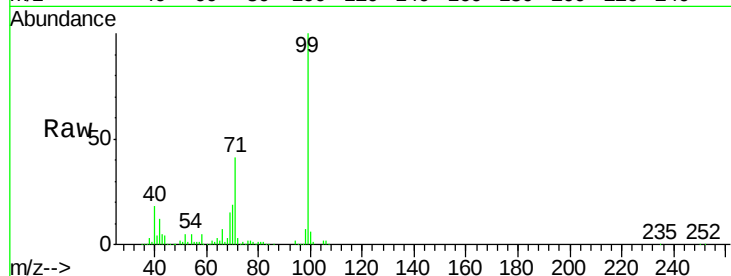
Tgt Ion: 99 Resp: 542579

Ion Ratio Lower Upper

99 100

42 12.3 14.2 21.2#

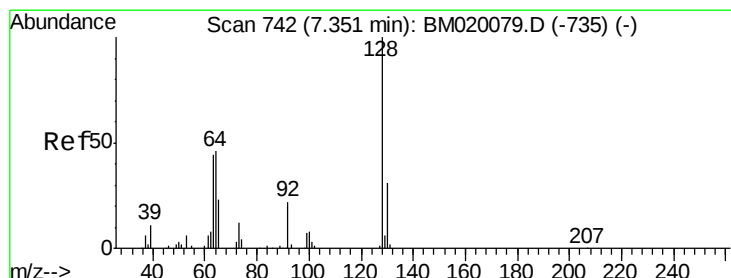
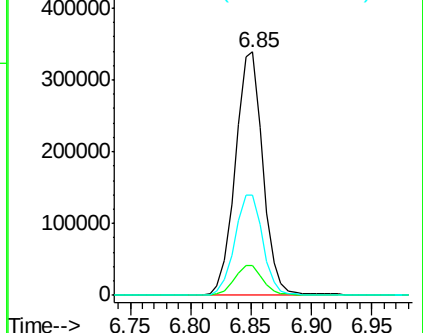
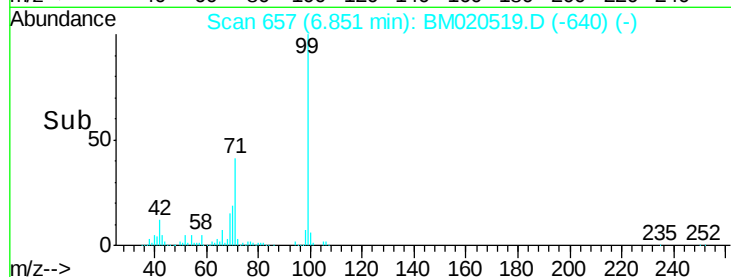
71 41.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020519.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020519.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020519.D (-640) (-)



#8

2-Chlorophenol

Concen: 36.808 ng

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

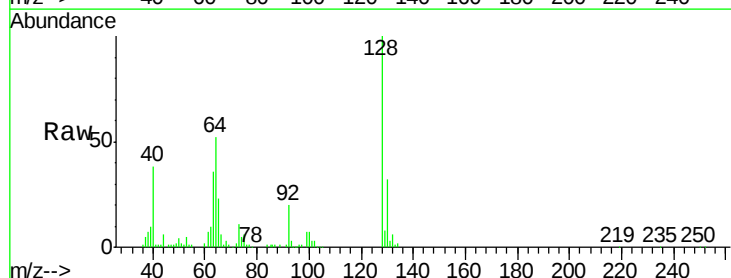
Tgt Ion: 128 Resp: 139282

Ion Ratio Lower Upper

128 100

130 32.4 10.8 50.8

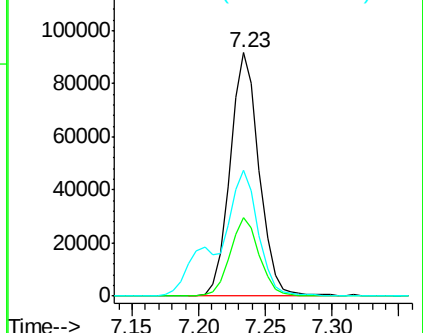
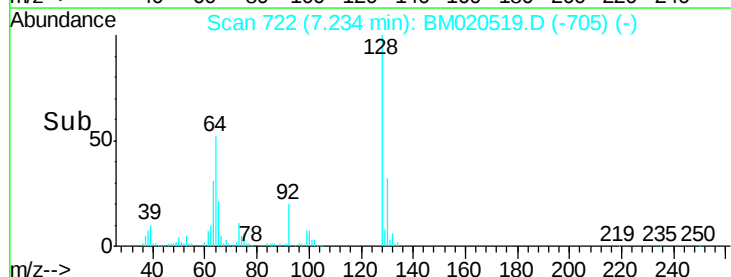
64 51.5 36.5 76.5

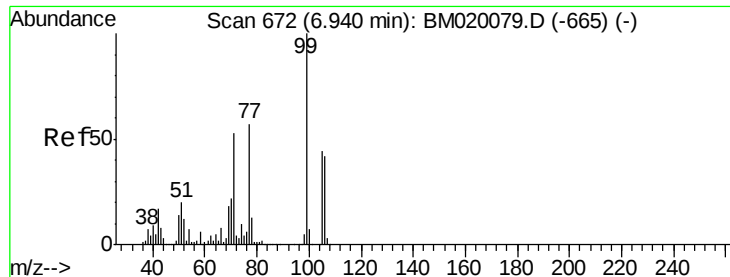


Abundance Ion 128.00 (127.70 to 128.70): BM020519.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM020519.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM020519.D (-705) (-)





#9

Benzaldehyde

Concen: 27.603 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

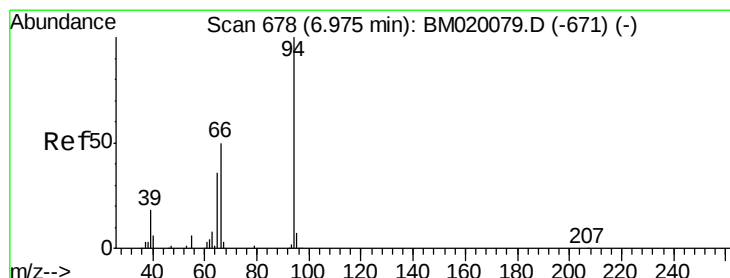
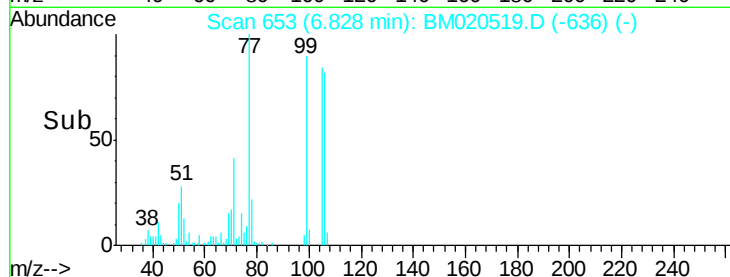
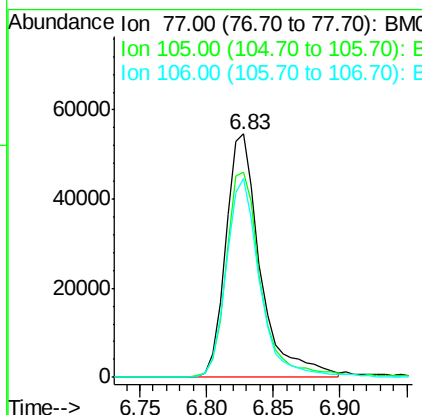
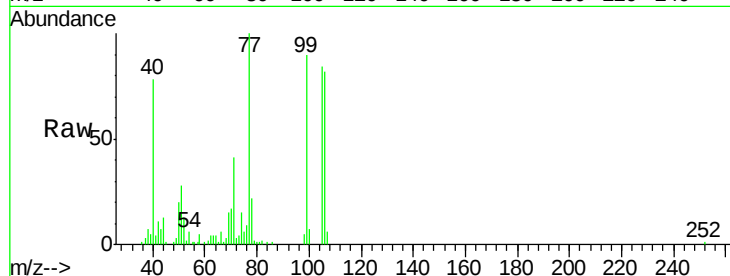
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tgt Ion:	77	Resp:	99187
Ion	Ratio	Lower	Upper
77	100		
105	84.3	57.8	97.8
106	81.9	53.6	93.6



#10

Phenol

Concen: 38.619 ng

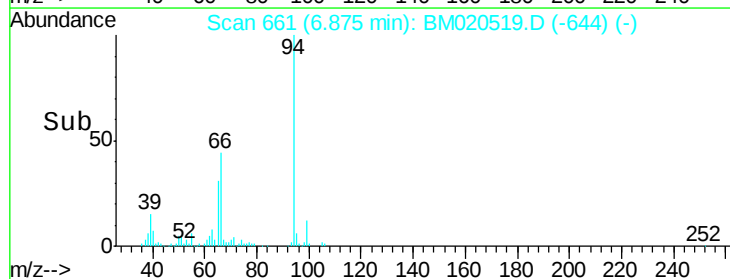
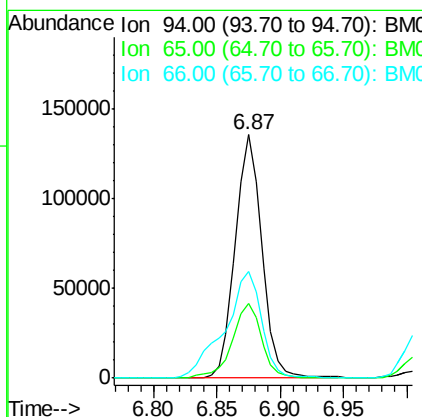
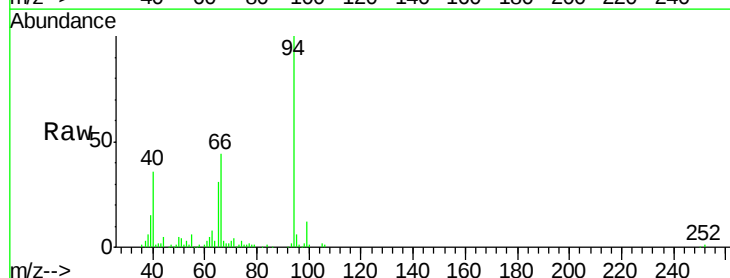
RT: 6.87 min Scan# 661

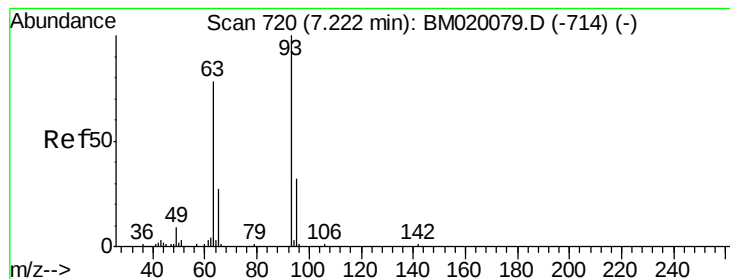
Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Tgt Ion:	94	Resp:	197380
Ion	Ratio	Lower	Upper
94	100		
65	30.9	17.0	57.0
66	43.9	34.5	74.5





#11

bis(2-Chloroethyl)ether

Concen: 36.326 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

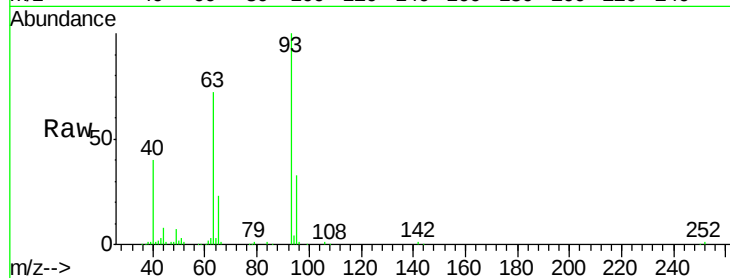
Tgt Ion: 93 Resp: 134945

Ion Ratio Lower Upper

93 100

63 72.3 57.9 97.9

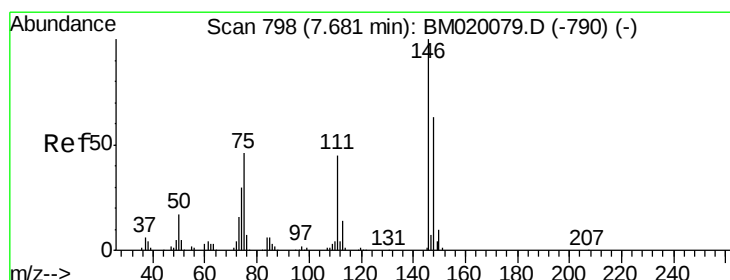
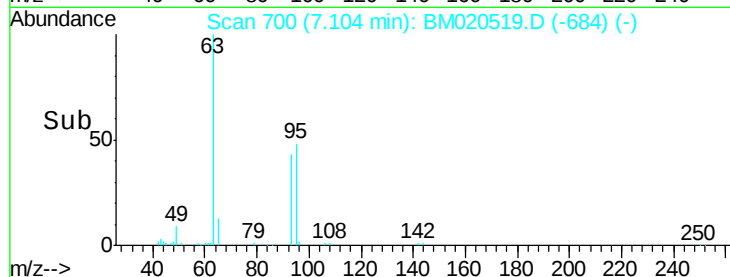
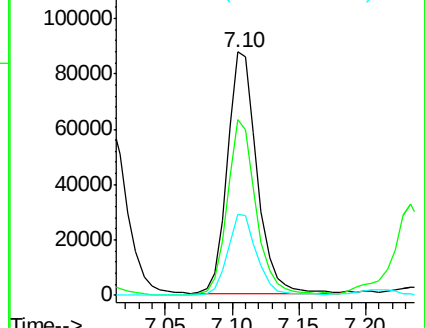
95 33.0 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)



#12

1,3-Dichlorobenzene

Concen: 34.658 ng

RT: 7.55 min Scan# 776

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

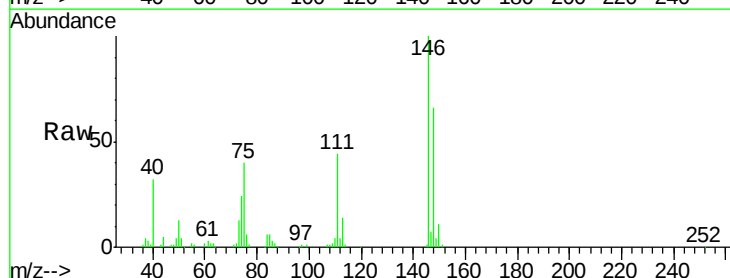
Tgt Ion: 146 Resp: 152586

Ion Ratio Lower Upper

146 100

148 65.6 50.1 75.1

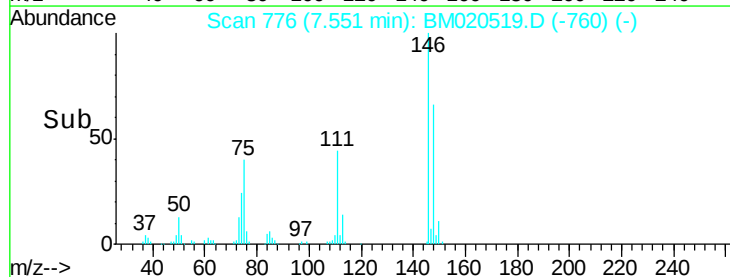
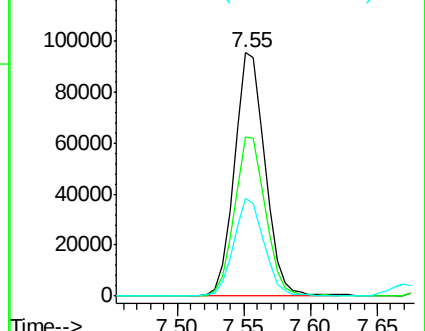
75 40.3 37.2 55.8

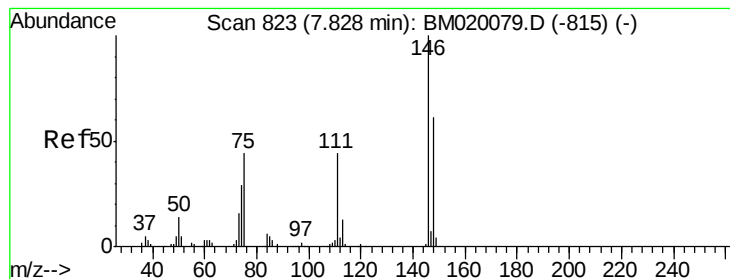


Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)





#13

1,4-Dichlorobenzene

Concen: 35.664 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

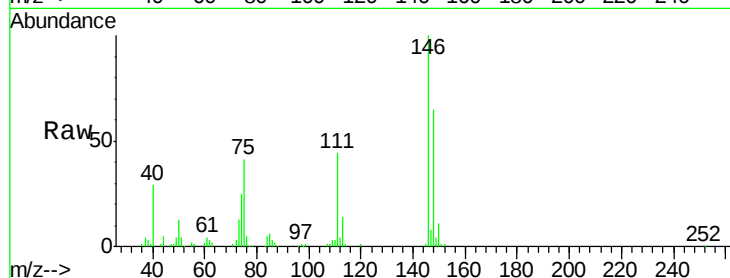
Tgt Ion:146 Resp: 158618

Ion Ratio Lower Upper

146 100

148 64.7 48.5 72.7

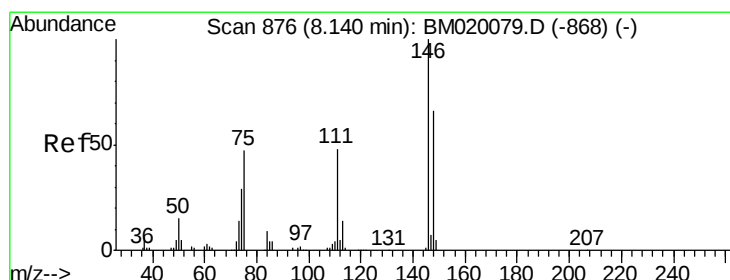
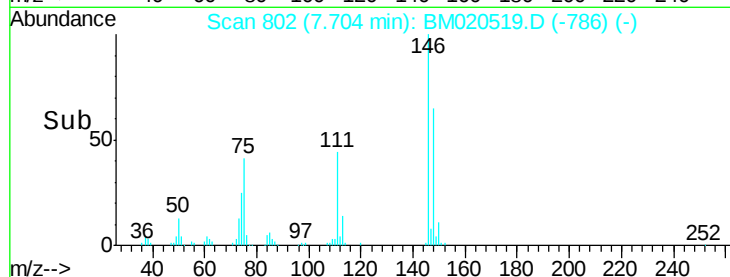
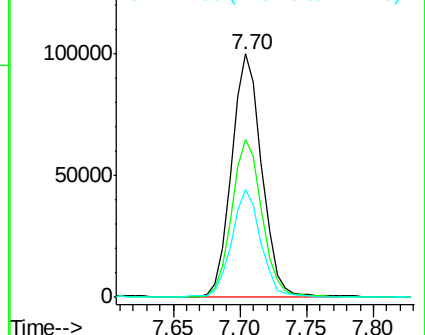
111 44.2 35.7 53.5



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: 35.516 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

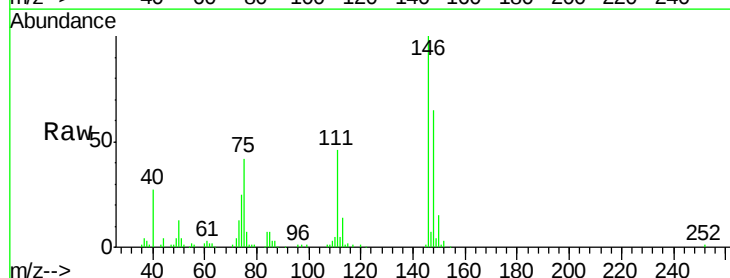
Tgt Ion:146 Resp: 150491

Ion Ratio Lower Upper

146 100

148 65.3 52.6 79.0

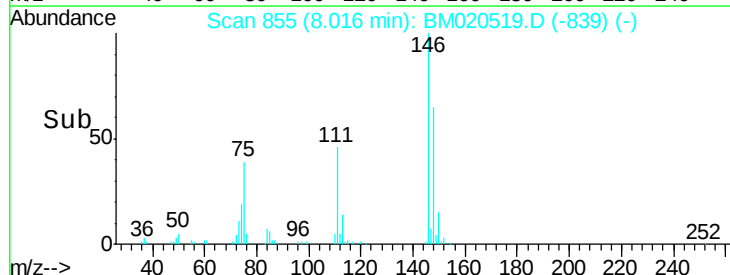
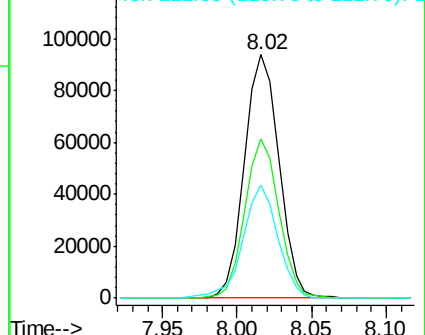
111 46.4 39.0 58.4

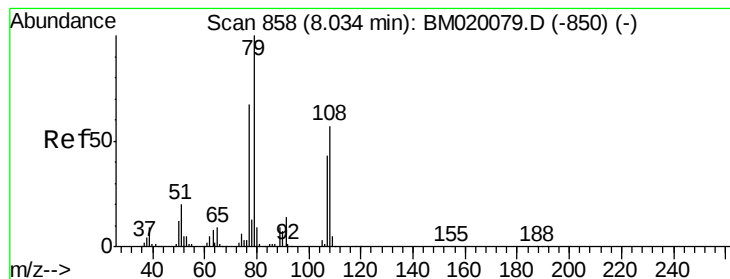


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.930 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

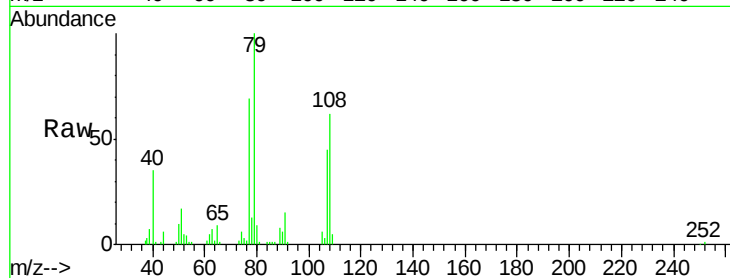
Tgt Ion: 79 Resp: 132442

Ion Ratio Lower Upper

79 100

108 62.3 46.0 69.0

77 69.5 53.8 80.6

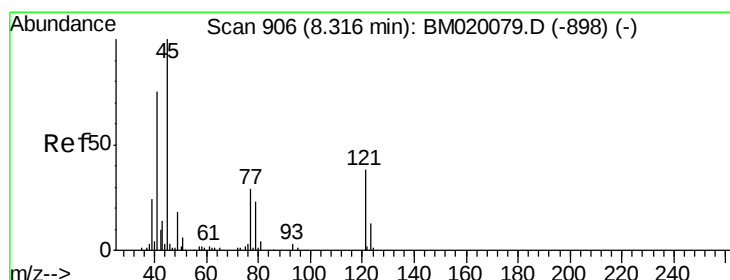
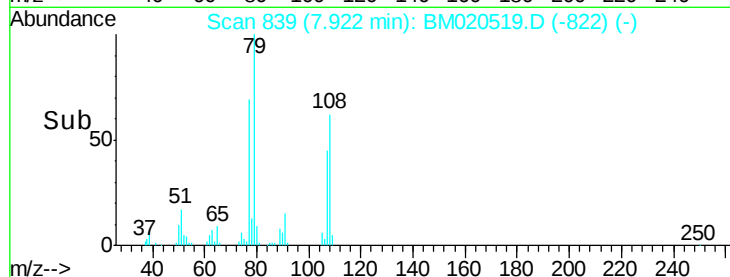


Abundance Ion 79.00 (78.70 to 79.70): BM020519.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BM020519.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BM020519.D (-822) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.399 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

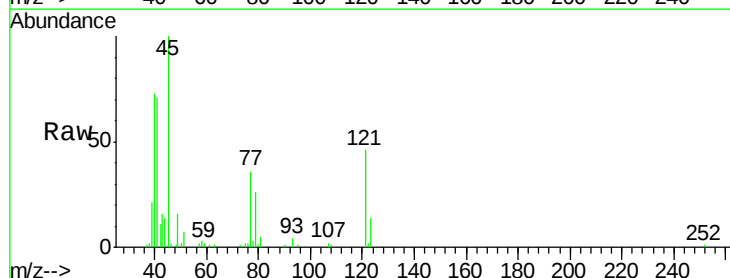
Tgt Ion: 45 Resp: 87476

Ion Ratio Lower Upper

45 100

77 35.8 10.5 50.5

79 25.8 3.3 43.3

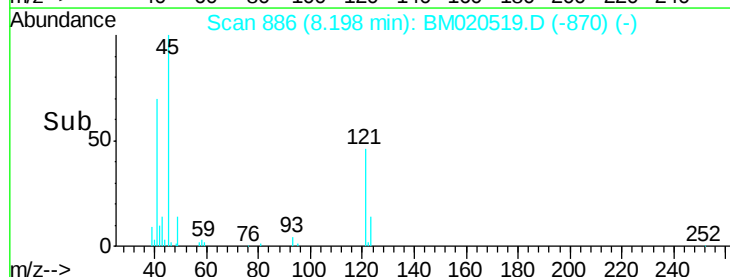


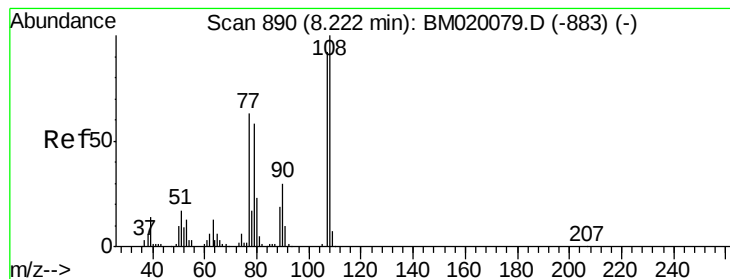
Abundance Ion 45.00 (44.70 to 45.70): BM020519.D (-870) (-)

Ion 77.00 (76.70 to 77.70): BM020519.D (-870) (-)

Ion 79.00 (78.70 to 79.70): BM020519.D (-870) (-)

Time-->





#17

2-Methylphenol

Concen: 35.394 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tgt Ion:107 Resp: 116451

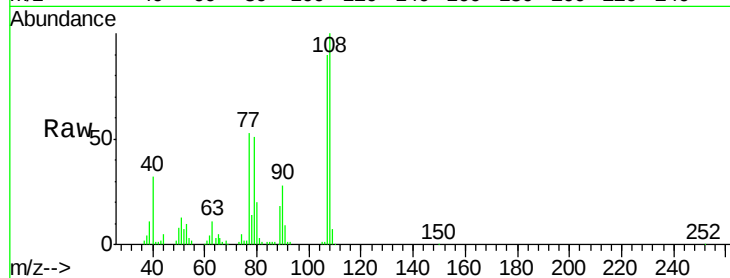
Ion Ratio Lower Upper

107 100

108 111.5 87.0 130.4

77 58.9 54.7 82.1

79 56.9 50.1 75.1

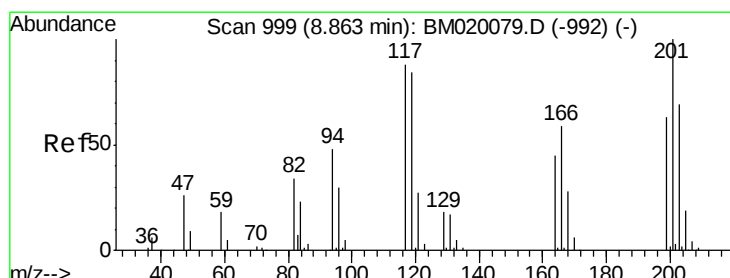
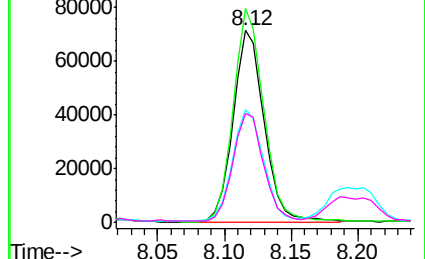
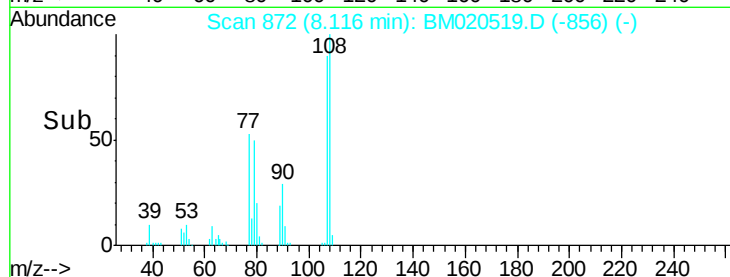


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.059 ng

RT: 8.73 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

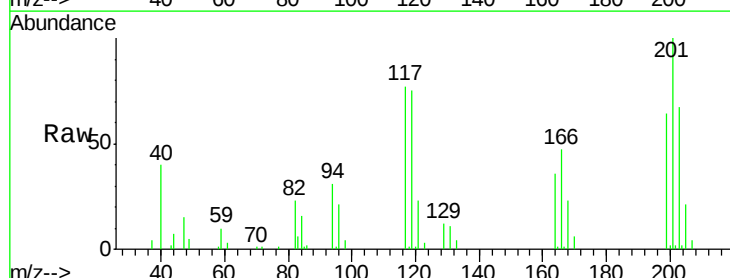
Tgt Ion:117 Resp: 59453

Ion Ratio Lower Upper

117 100

119 98.3 76.6 114.8

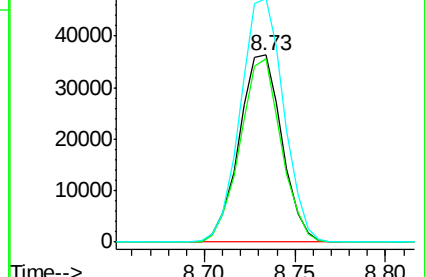
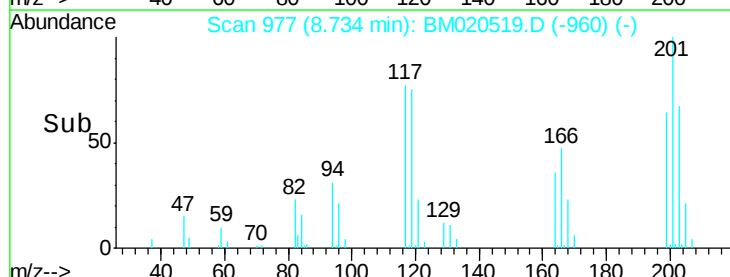
201 130.3 90.7 136.1

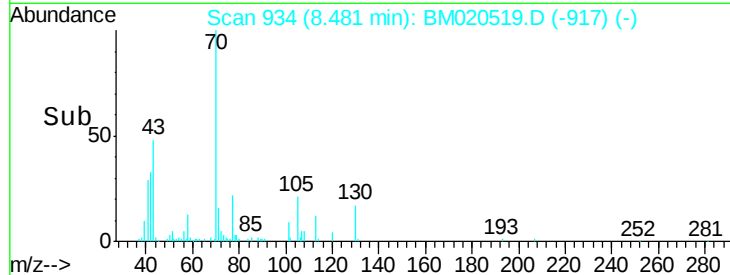
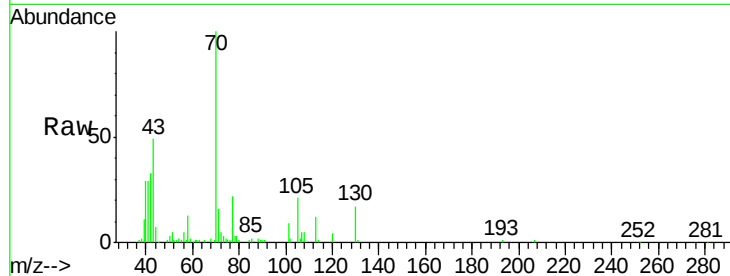
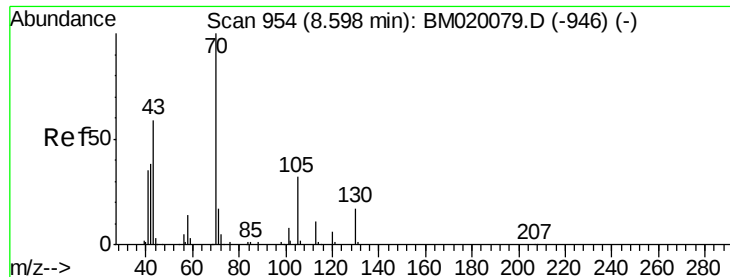


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

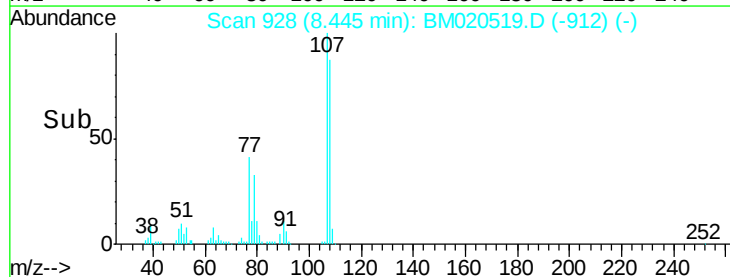
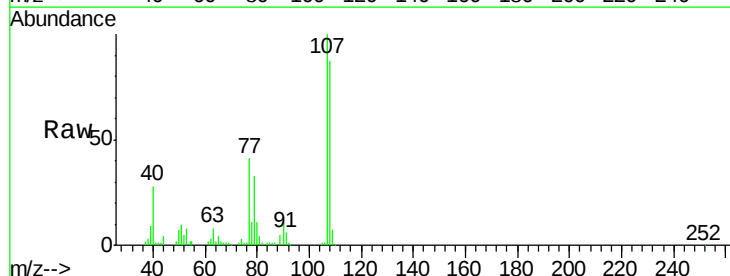
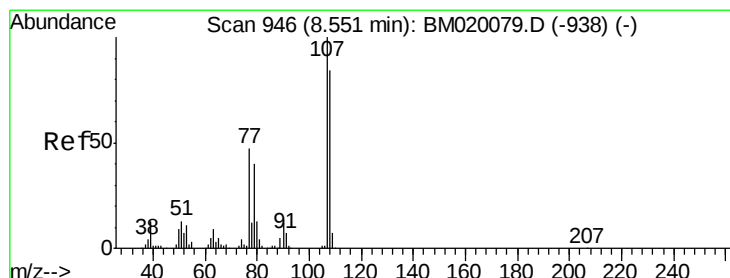
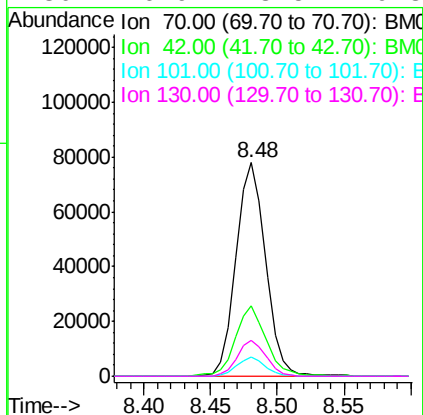




#19
n-Nitroso-di-n-propylamine
Concen: 29.552 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

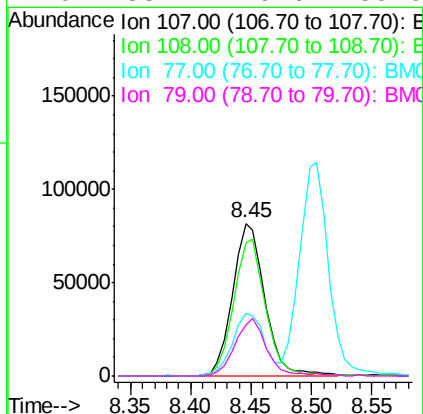
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

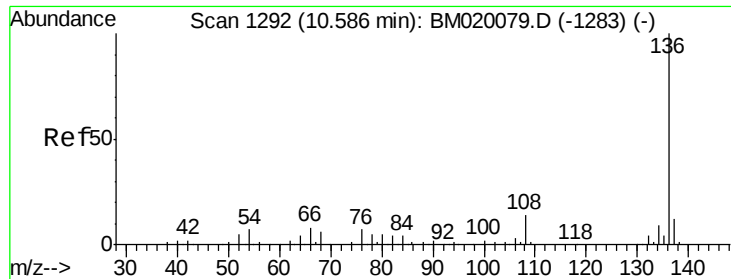
Tgt Ion:	70	Resp:	120035
Ion	Ratio	Lower	Upper
70	100		
42	33.2	31.0	46.4
101	9.3	6.2	9.2#
130	16.9	13.5	20.3



#20
3+4-Methylphenols
Concen: 34.816 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion:	107	Resp:	152242
Ion	Ratio	Lower	Upper
107	100		
108	87.0	64.4	104.4
77	40.9	27.2	67.2
79	33.4	19.6	59.6

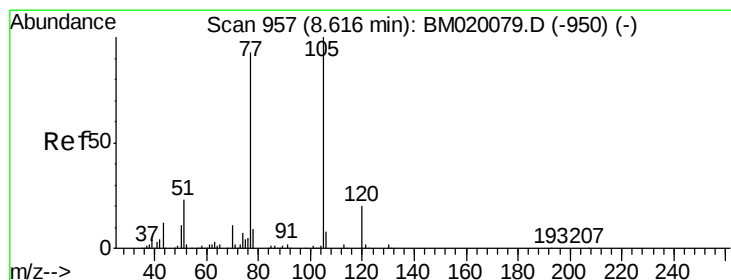
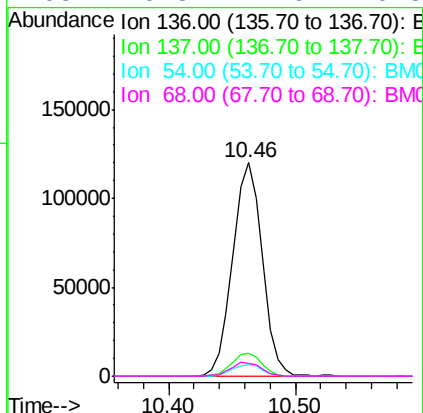
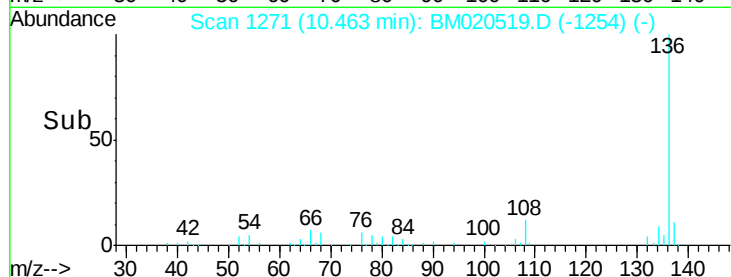
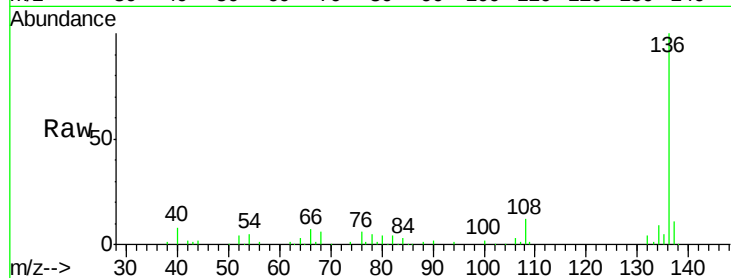




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

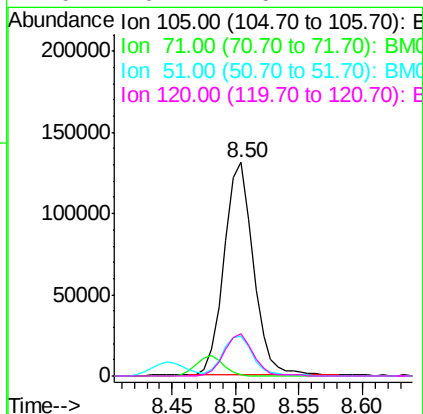
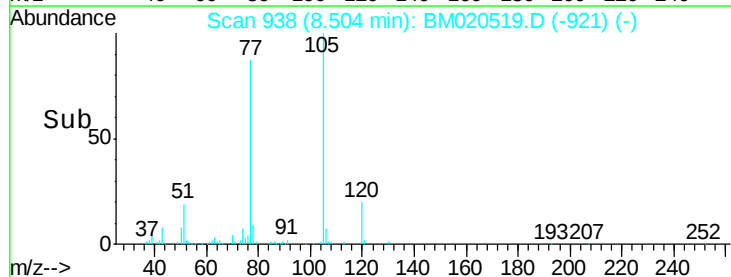
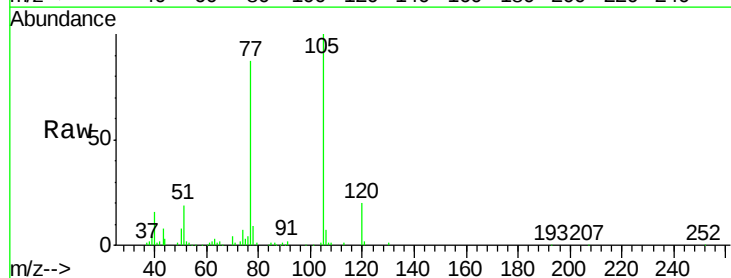
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

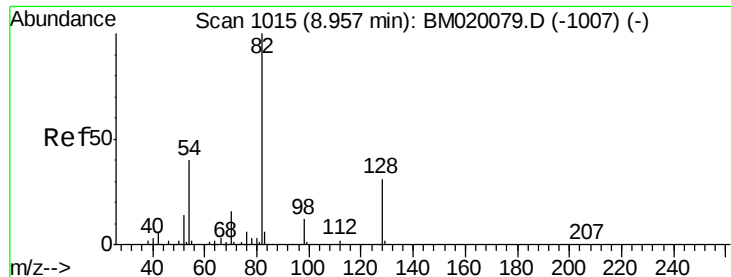
Tgt Ion:	136	Resp:	194088
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	5.3	5.5	8.3#
68	6.3	4.6	6.8



#22
Acetophenone
Concen: 39.640 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion:	105	Resp:	210267
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.2	3.2#
51	18.6	19.3	28.9#
120	20.1	16.2	24.4

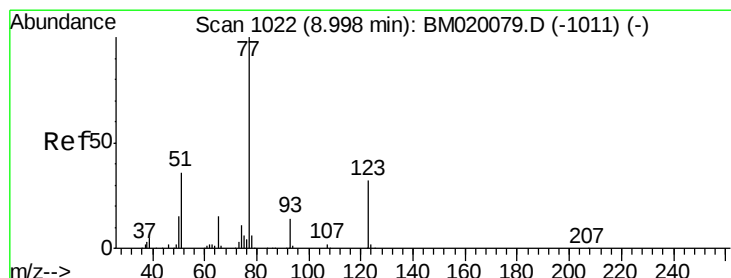
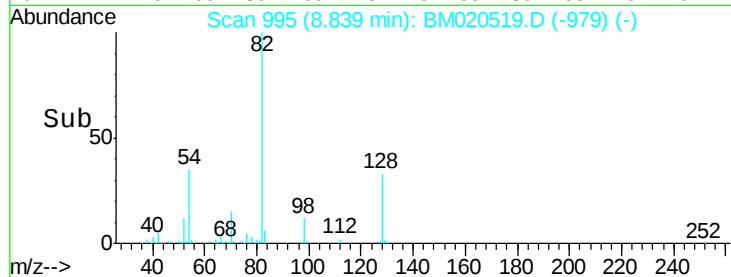
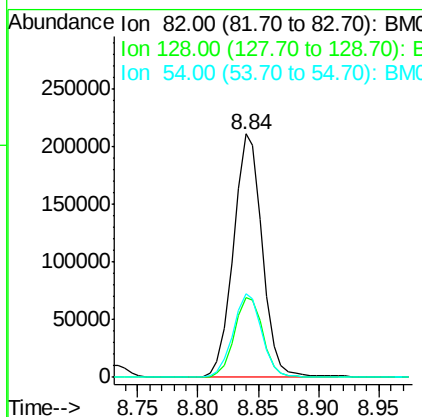
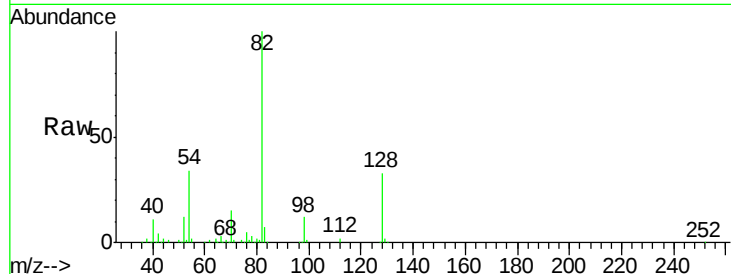




#23
 Nitrobenzene-d5
 Concen: 71.771 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

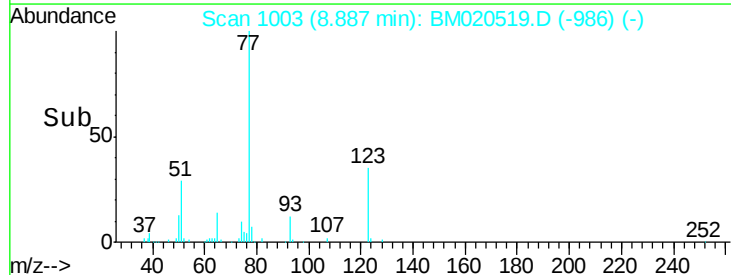
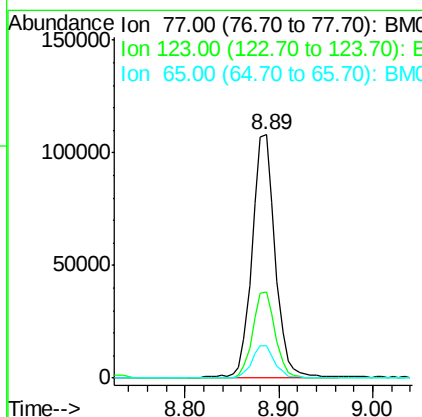
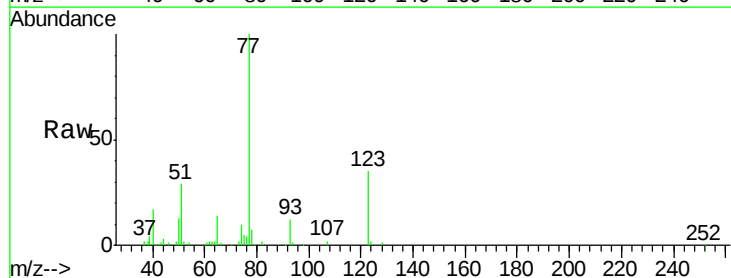
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

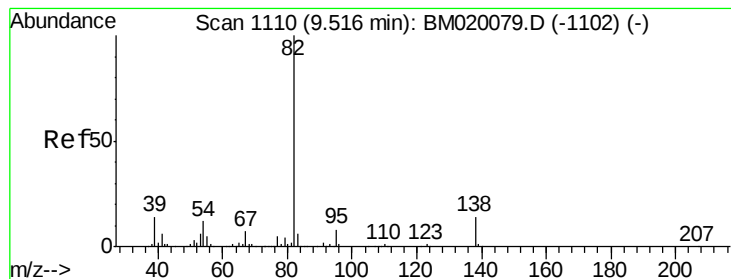
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.2	37.8
54	34.4	31.9	47.9



#24
 Nitrobenzene
 Concen: 36.325 ng
 RT: 8.89 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.2	25.5	38.3
65	13.6	11.8	17.6





#25

Isophorone

Concen: 36.378 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

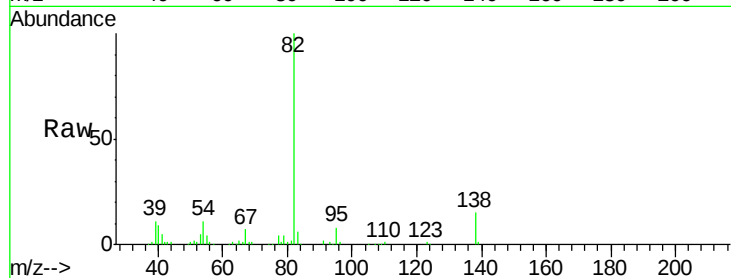
Tgt Ion: 82 Resp: 308400

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

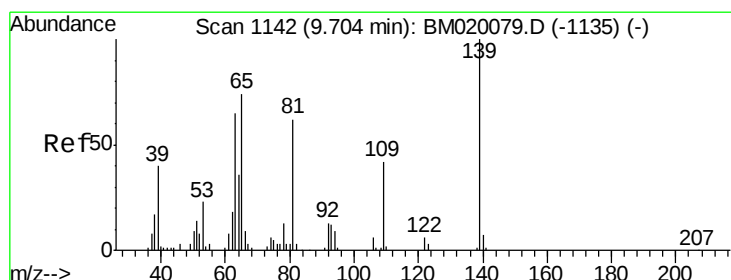
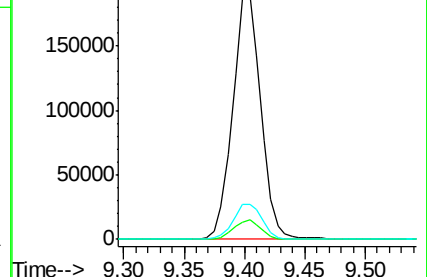
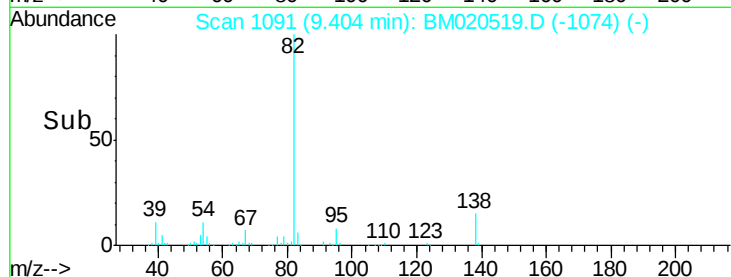
138 14.6 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020519.D (-1074) (-)

Ion 95.00 (94.70 to 95.70): BM020519.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BM020519.D (-1074) (-)



#26

2-Nitrophenol

Concen: 42.977 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

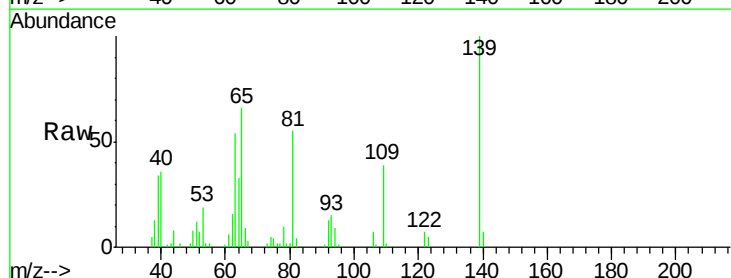
Tgt Ion: 139 Resp: 66135

Ion Ratio Lower Upper

139 100

109 38.8 33.7 50.5

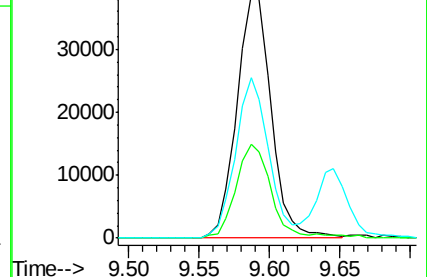
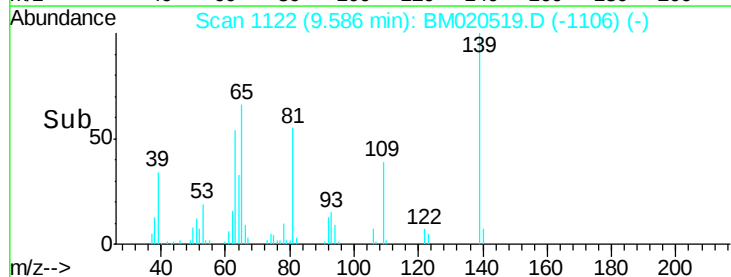
65 66.0 59.5 89.3



Abundance Ion 139.00 (138.70 to 139.70): BM020519.D (-1106) (-)

Ion 109.00 (108.70 to 109.70): BM020519.D (-1106) (-)

Ion 65.00 (64.70 to 65.70): BM020519.D (-1106) (-)

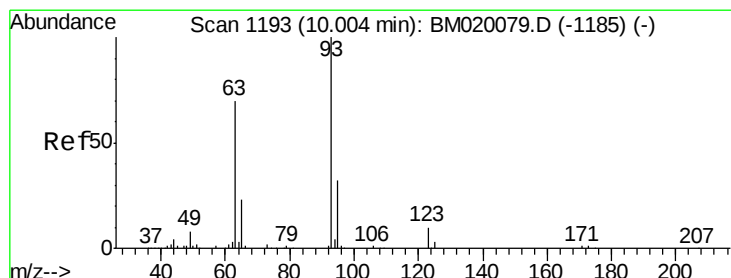
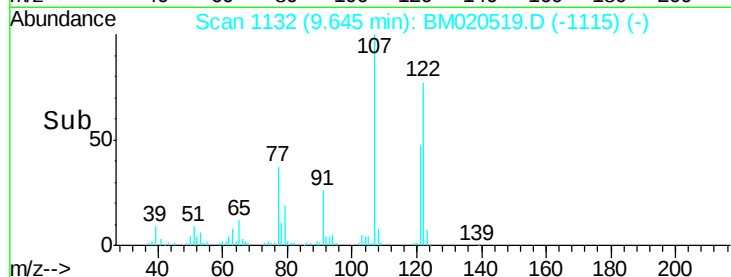
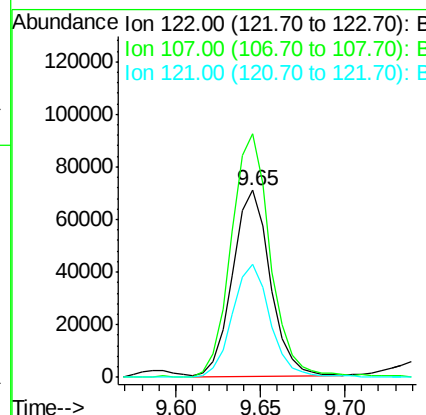
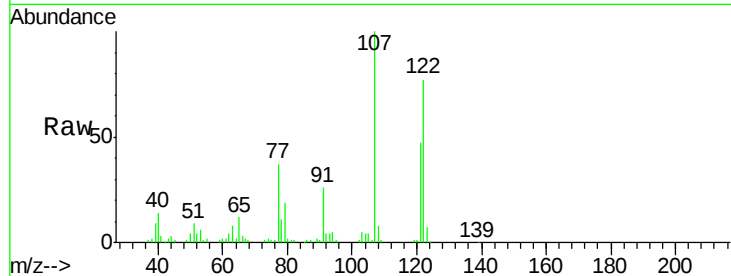




#27
 2,4-Dimethylphenol
 Concen: 43.023 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

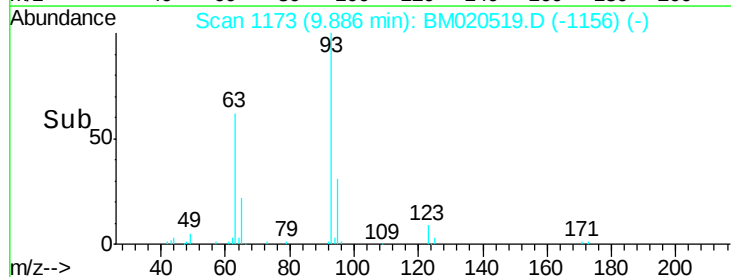
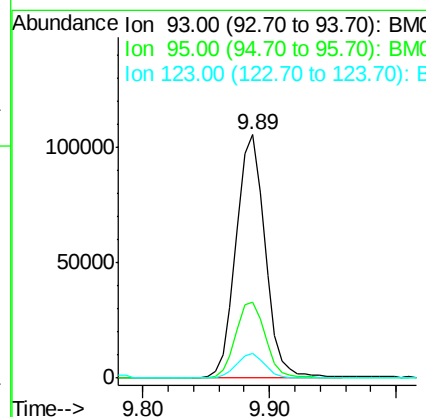
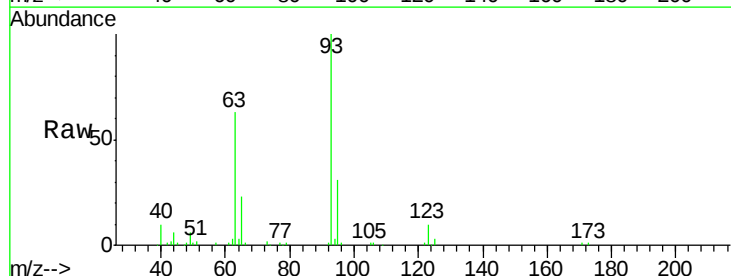
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

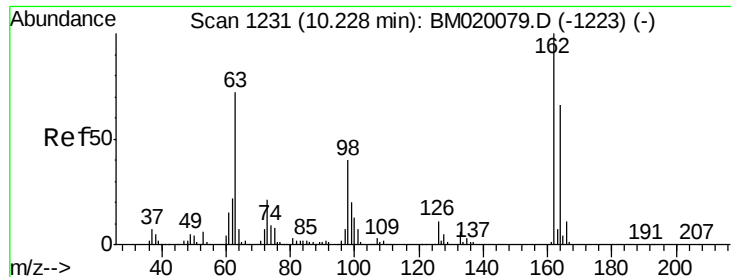
Tgt Ion:122 Resp: 110221
 Ion Ratio Lower Upper
 122 100
 107 130.4 108.6 162.8
 121 60.6 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.365 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion: 93 Resp: 167907
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.5 38.3
 123 10.4 7.6 11.4

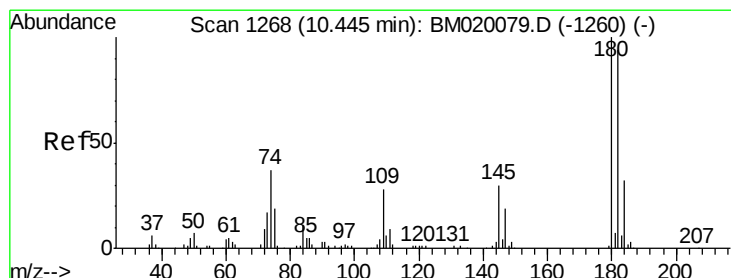
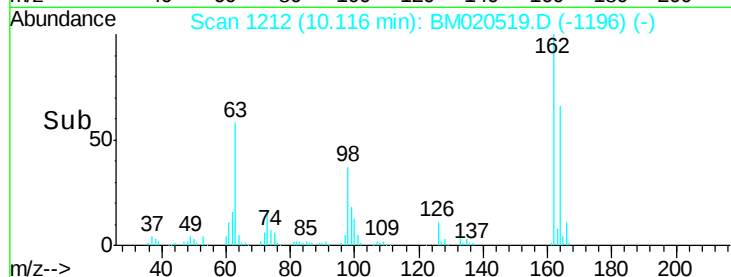
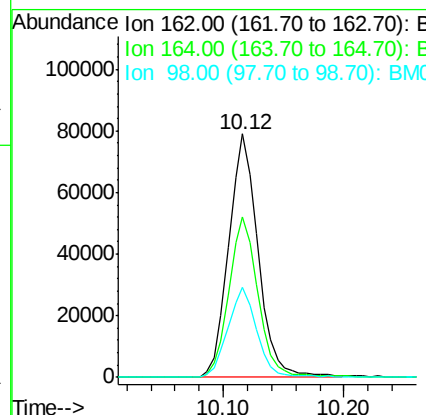
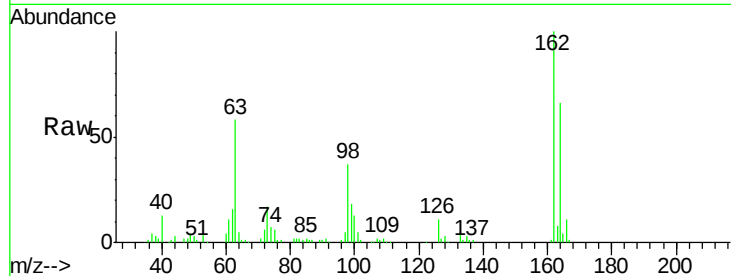




#29
 2,4-Dichlorophenol
 Concen: 41.403 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

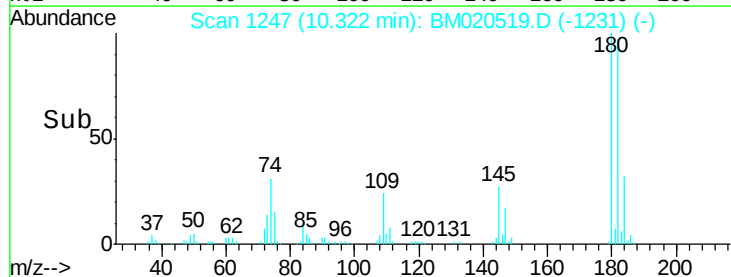
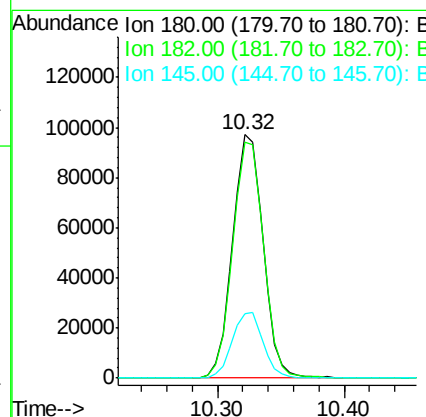
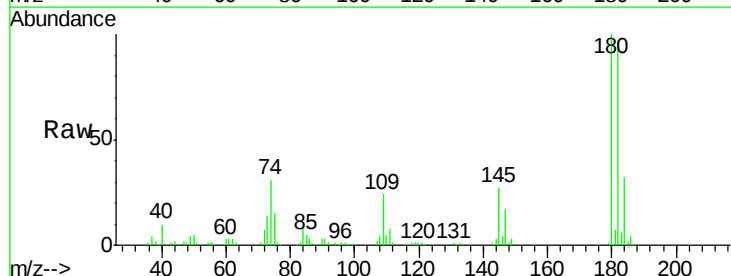
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

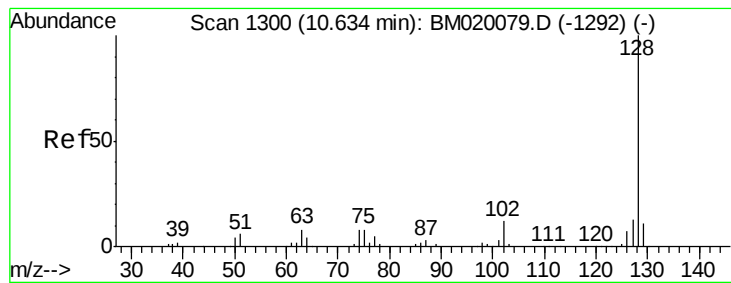
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.6	85.6
98	36.9	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.702 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.0
145	26.7	23.8	35.8





#31

Naphthalene

Concen: 37.991 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

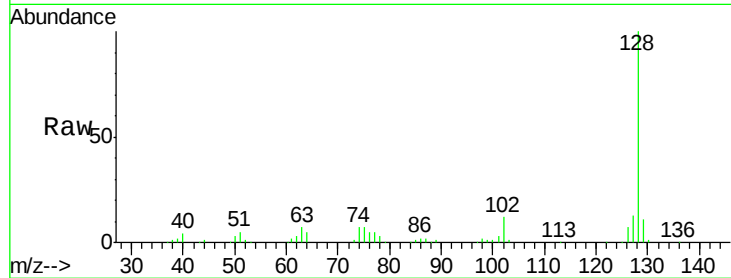
Tgt Ion:128 Resp: 382642

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

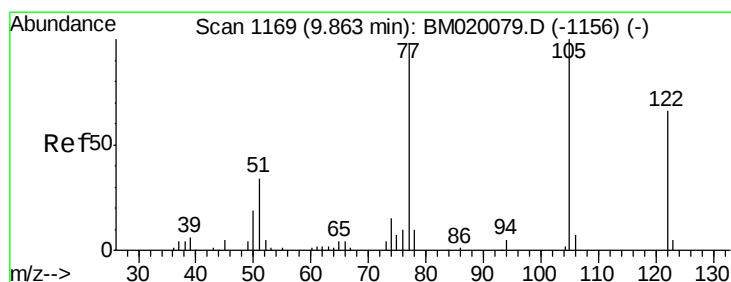
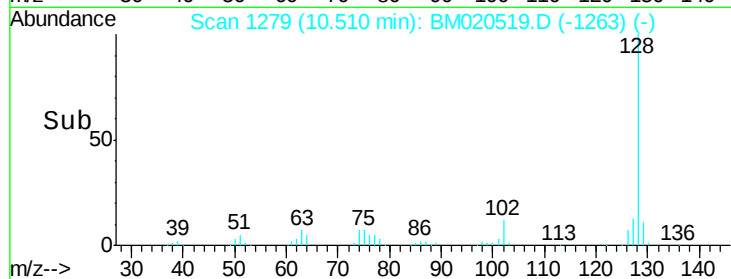
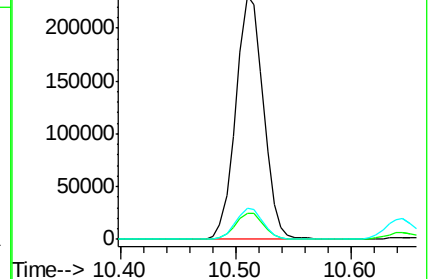
127 13.0 10.4 15.6



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: 29.659 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

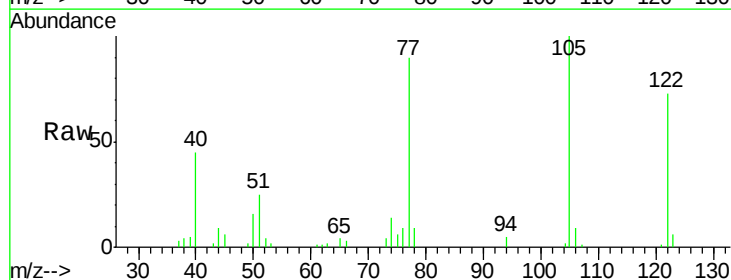
Tgt Ion:122 Resp: 48724

Ion Ratio Lower Upper

122 100

105 136.7 122.5 162.5

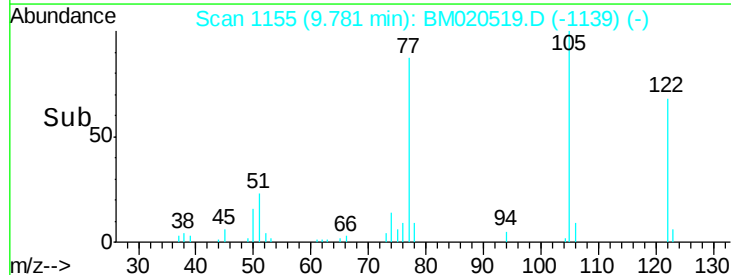
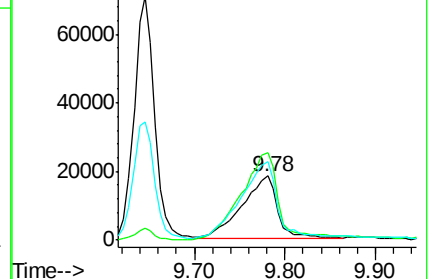
77 123.1 123.3 163.3#

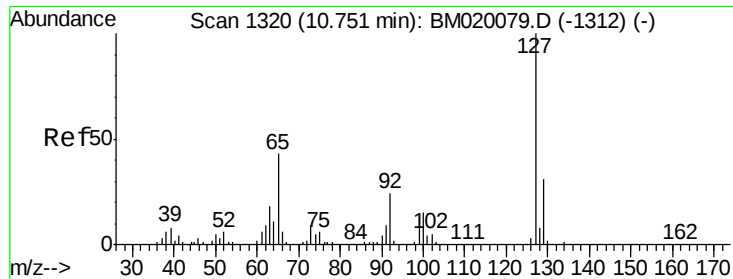


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

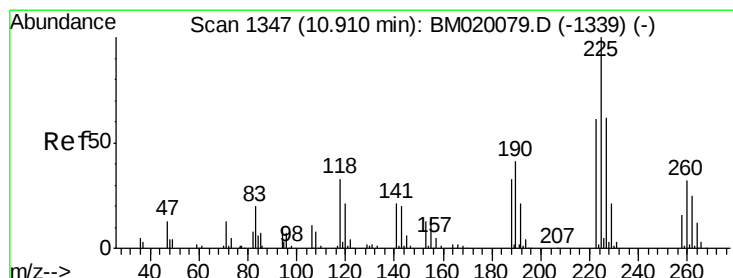
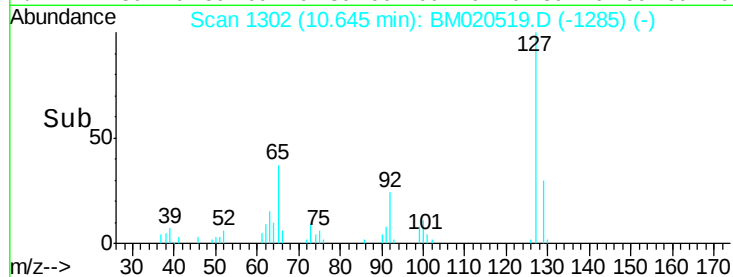
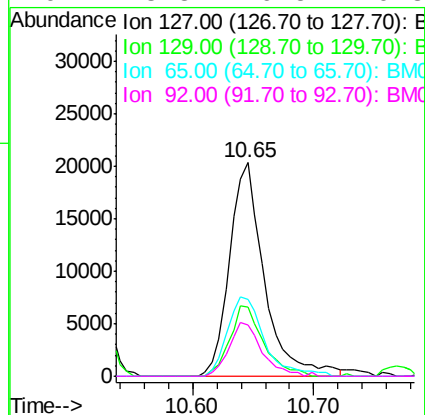
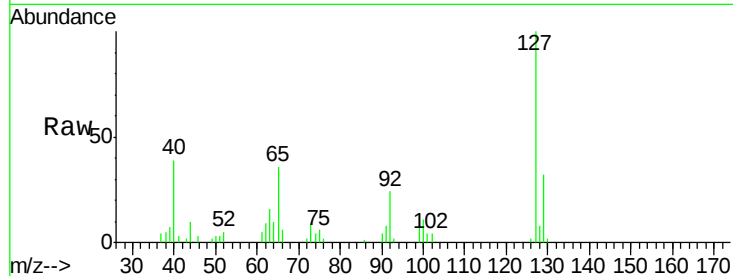




#33
4-Chloroaniline
Concen: 9.845 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

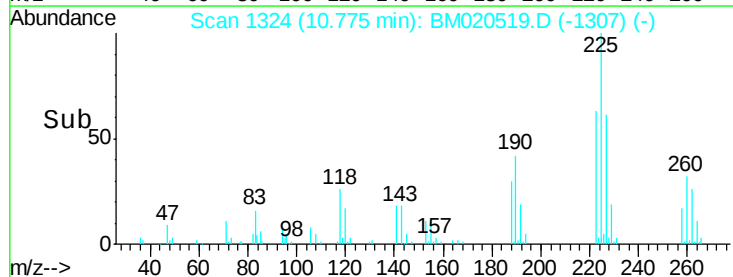
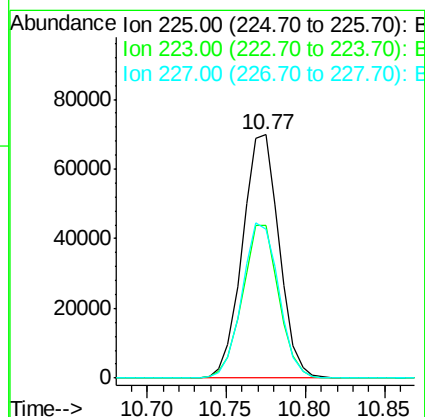
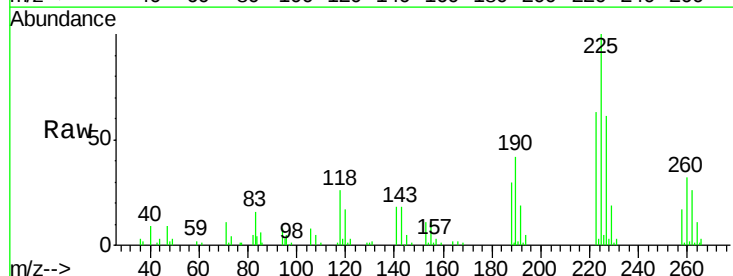
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

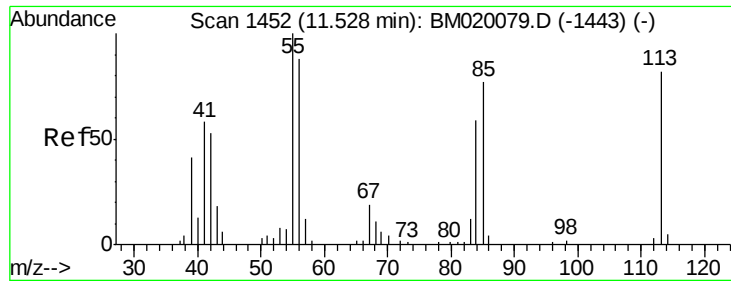
Tgt Ion:	127	Resp:	40814
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.7	37.1
65	36.1	34.6	52.0
92	23.8	19.5	29.3



#34
Hexachlorobutadiene
Concen: 39.813 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion:	225	Resp:	111952
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.9	73.3
227	61.3	49.6	74.4





#35

Caprolactam

Concen: 31.604 ng

RT: 11.45 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

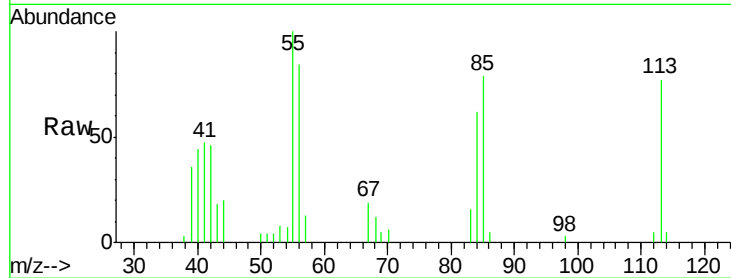
Tgt Ion:113 Resp: 30528

Ion Ratio Lower Upper

113 100

55 129.6 102.5 142.5

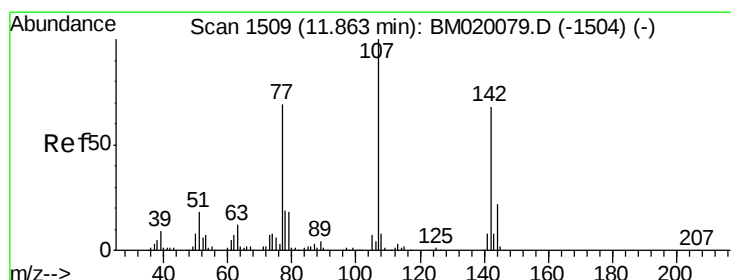
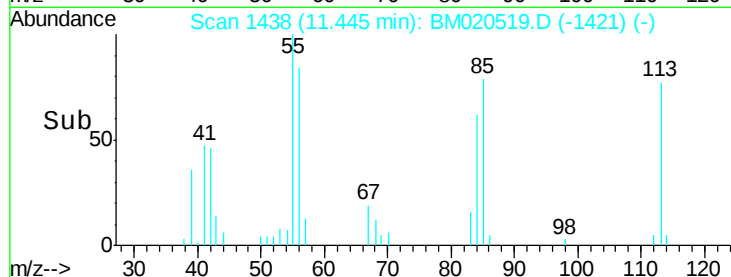
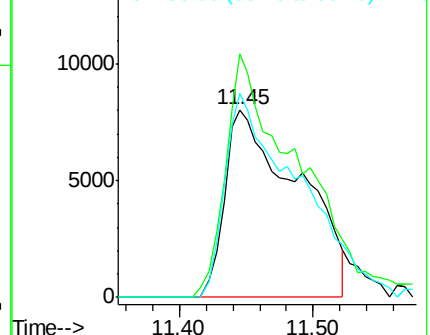
56 108.6 87.7 127.7



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: 35.270 ng

RT: 11.77 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

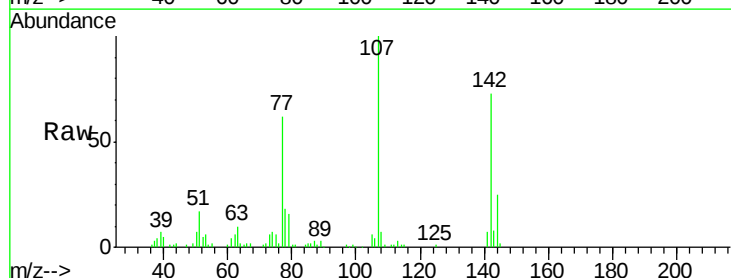
Tgt Ion:107 Resp: 133897

Ion Ratio Lower Upper

107 100

144 25.0 17.6 26.4

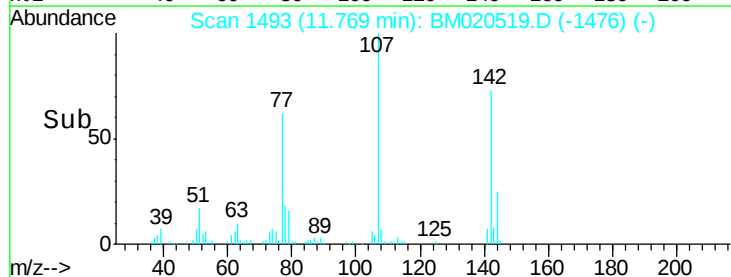
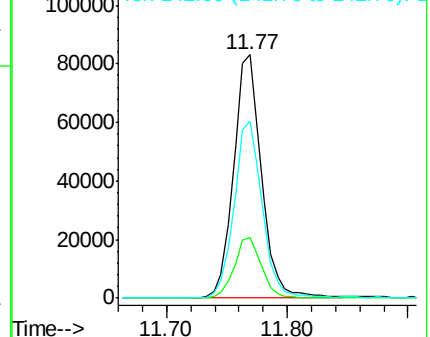
142 72.6 54.6 82.0

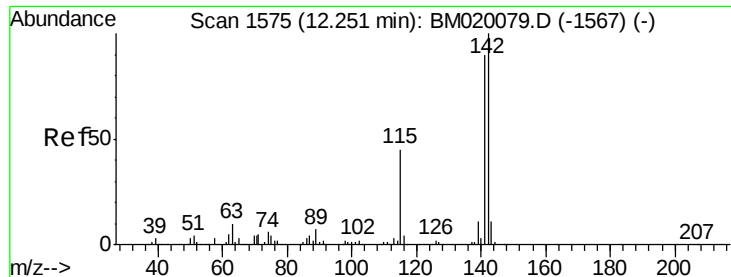


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

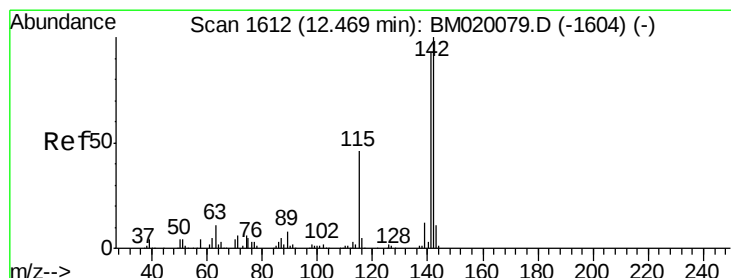
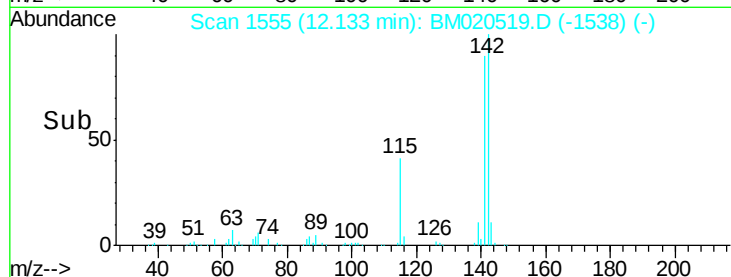
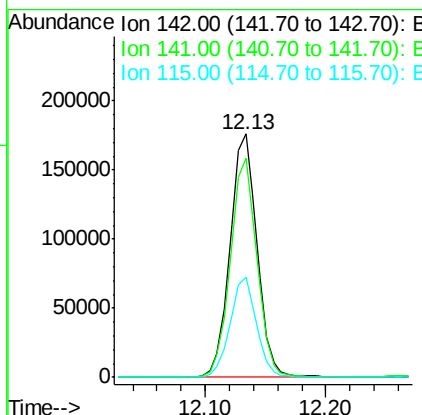
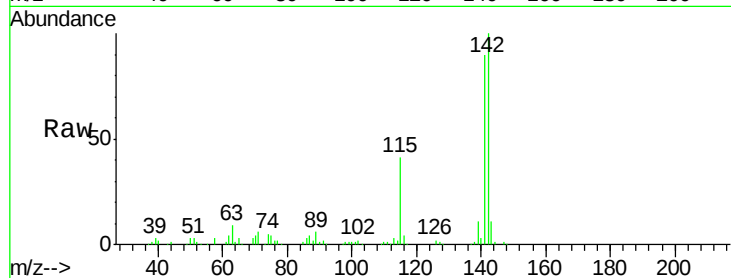




#37
 2-Methylnaphthalene
 Concen: 37.451 ng
 RT: 12.13 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

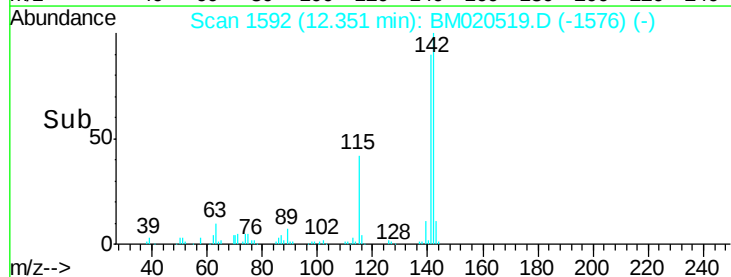
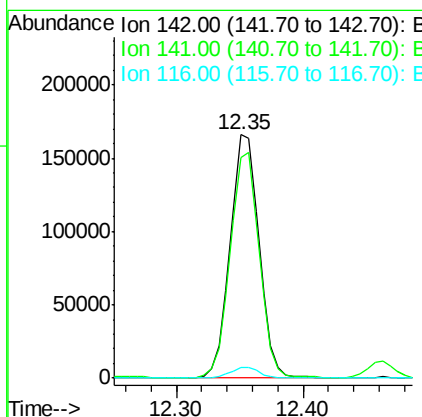
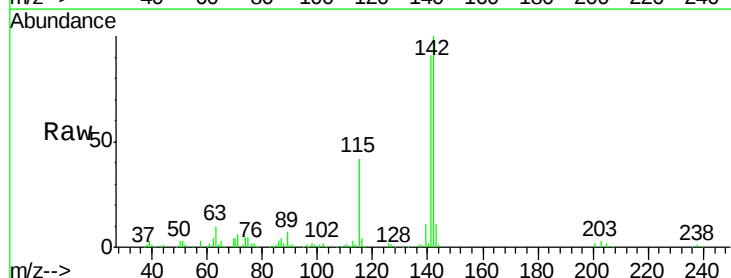
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

Tgt Ion:142 Resp: 274992
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4
 115 41.4 35.8 53.6



#38
 1-Methylnaphthalene
 Concen: 36.466 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion:142 Resp: 261833
 Ion Ratio Lower Upper
 142 100
 141 90.7 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: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

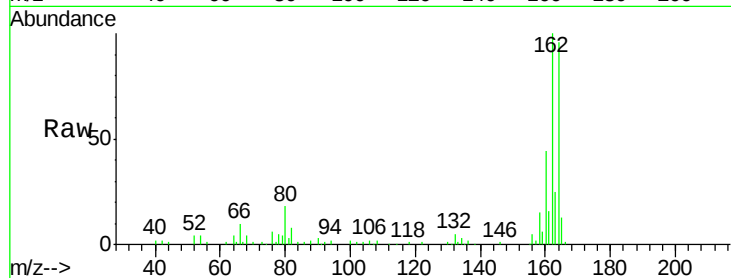
Tgt Ion:164 Resp: 118661

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

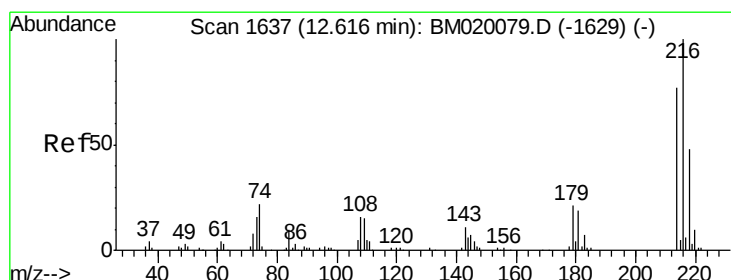
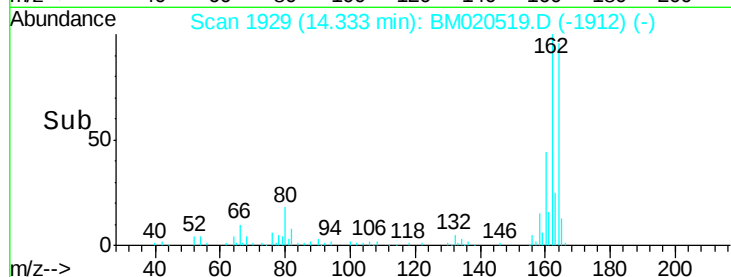
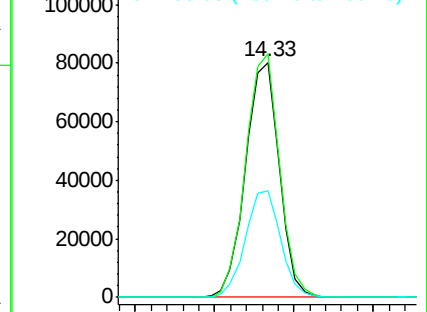
160 45.2 37.6 56.4



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: 43.146 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Tgt Ion:216 Resp: 200306

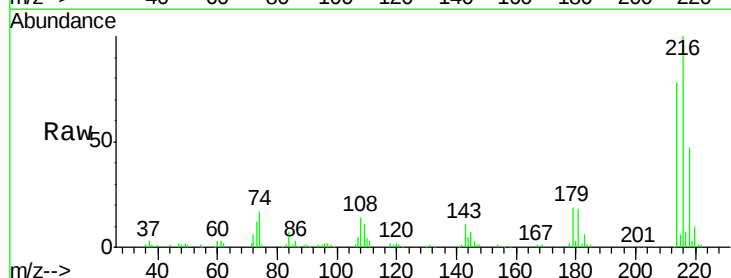
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 18.8 17.1 25.7

108 13.6 15.8 23.6#

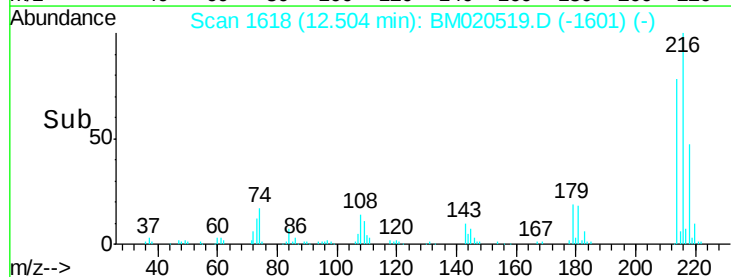
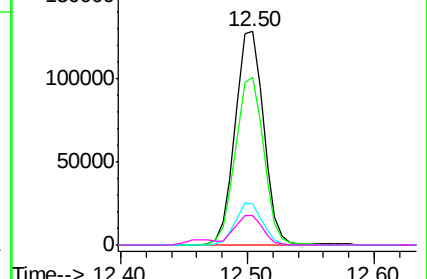


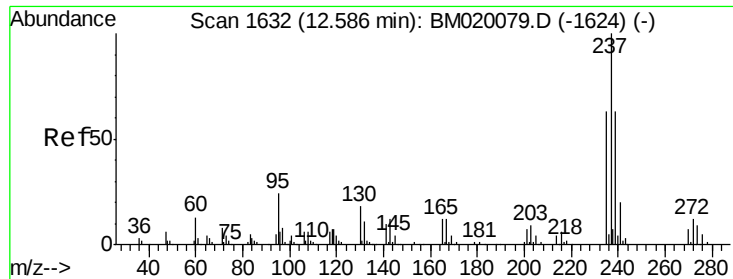
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.464 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

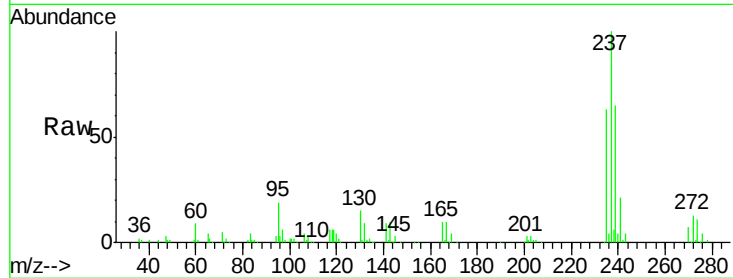
Tgt Ion:237 Resp: 168013

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

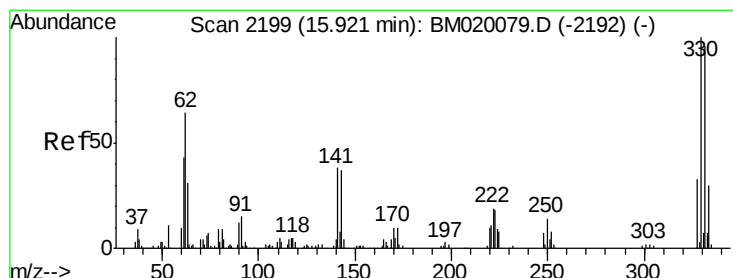
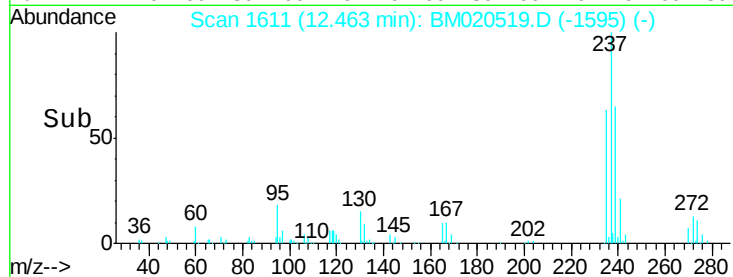
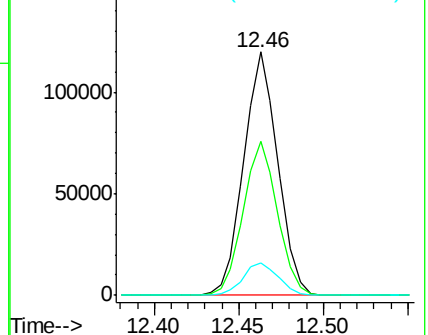
272 13.4 0.0 31.7



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: 132.283 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

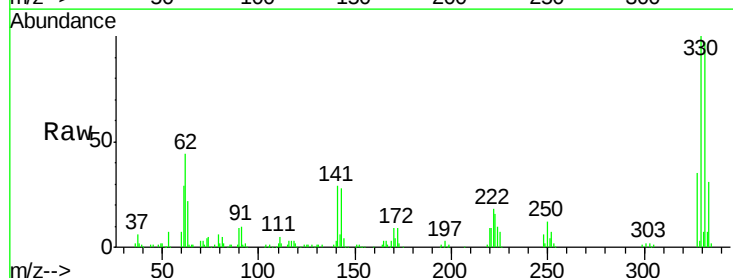
Tgt Ion:330 Resp: 243644

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

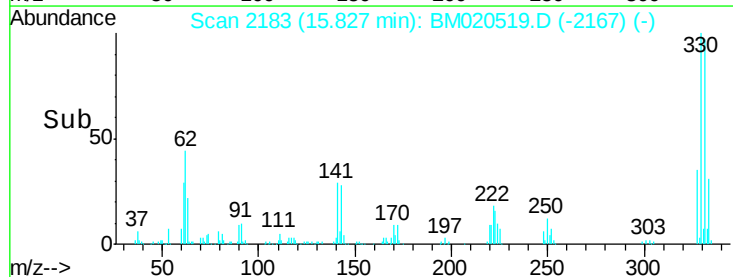
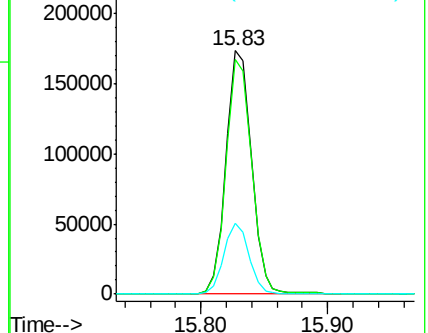
141 28.6 29.2 43.8#



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

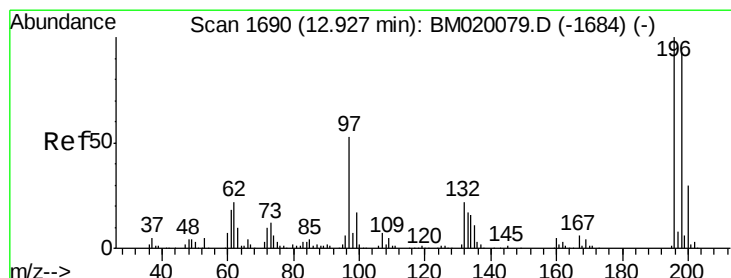
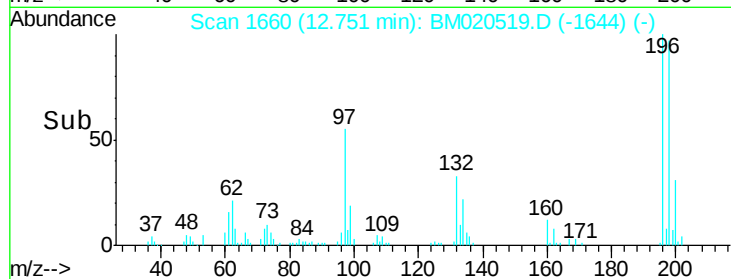
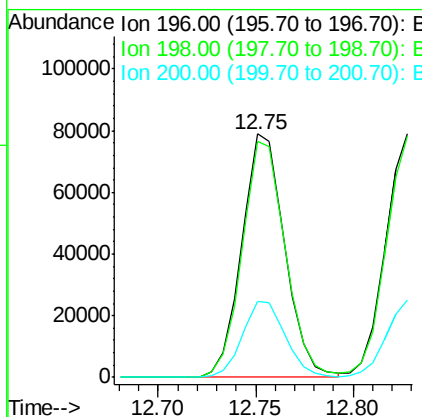
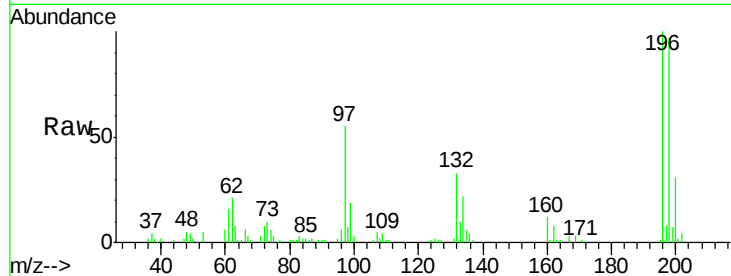




#43
 2,4,6-Trichlorophenol
 Concen: 45.553 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

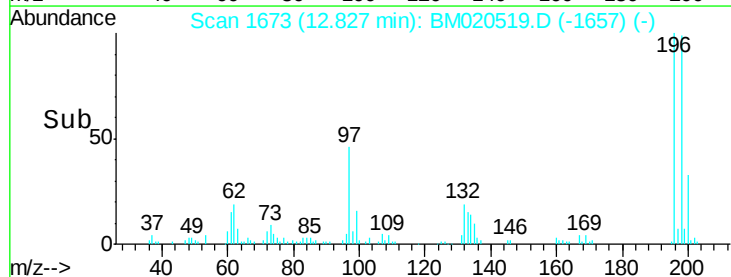
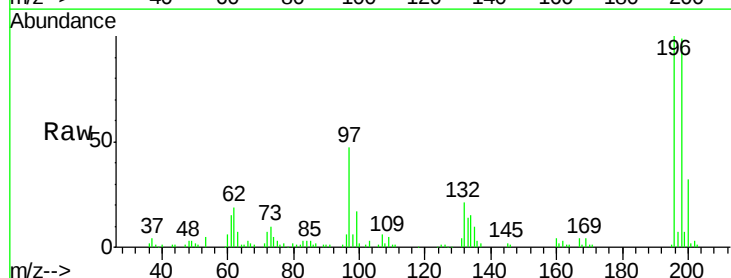
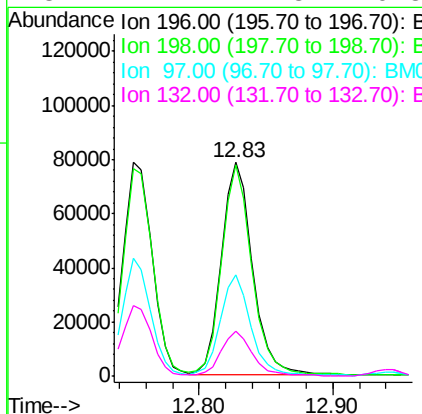
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

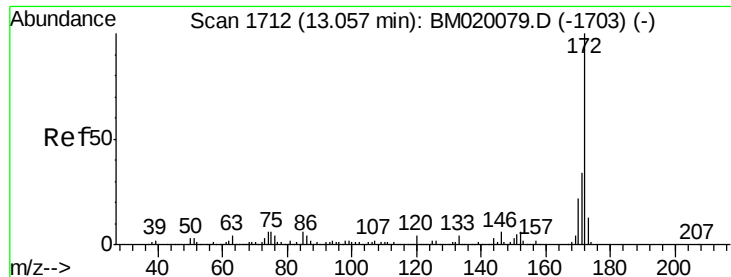
Tgt Ion:196 Resp: 120190
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.2 114.2
 200 31.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.363 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion:196 Resp: 127812
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.7 112.1
 97 47.4 42.2 63.4
 132 21.2 17.8 26.8

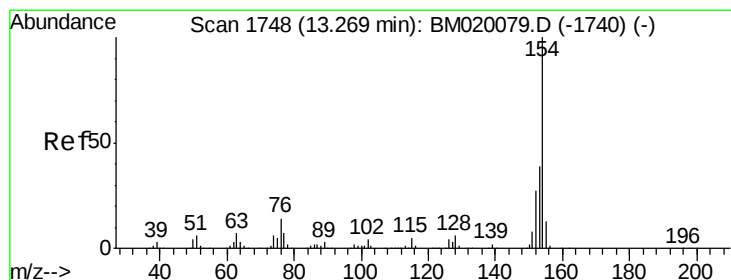
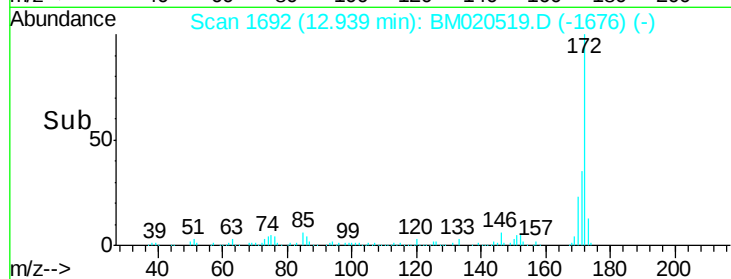
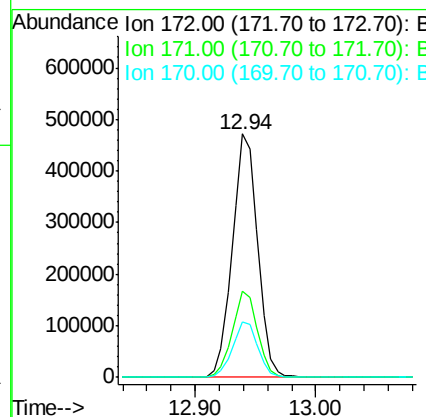
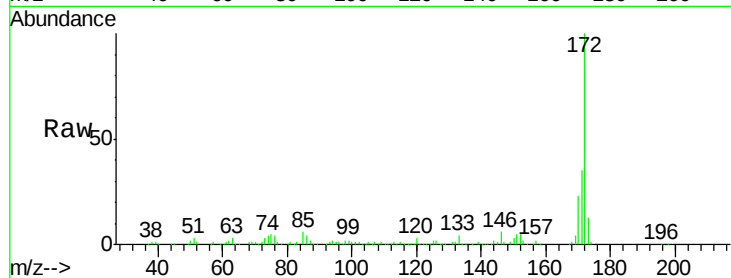




#45
2-Fluorobiphenyl
Concen: 71.174 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

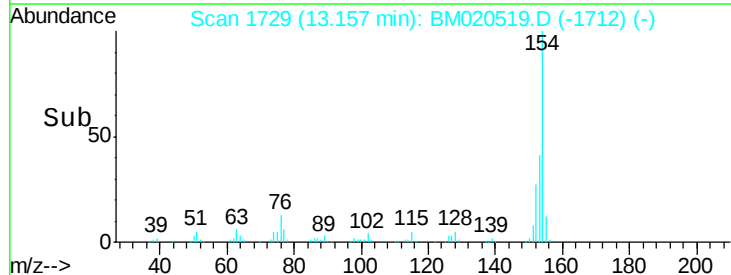
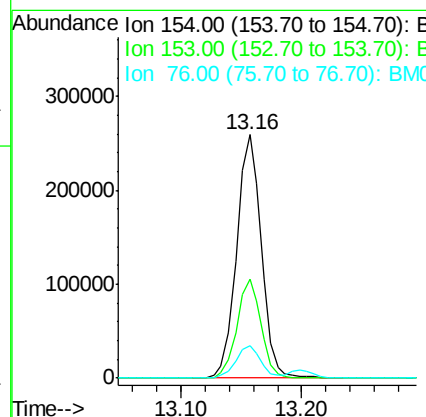
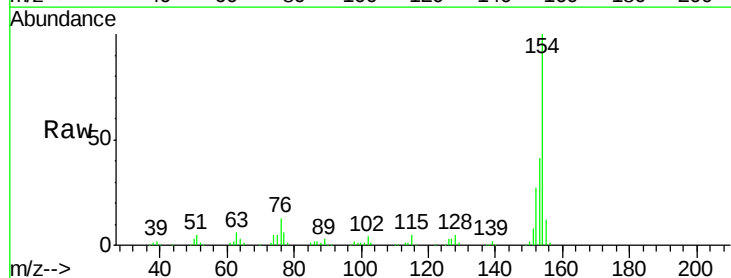
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

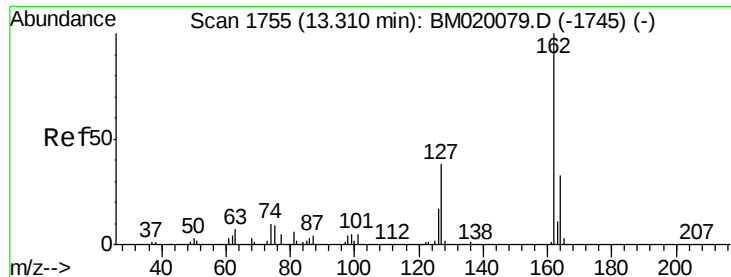
Tgt Ion:172 Resp: 686433
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 22.9 17.9 26.9



#46
1,1'-Biphenyl
Concen: 37.791 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion:154 Resp: 369101
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 13.2 0.0 34.5

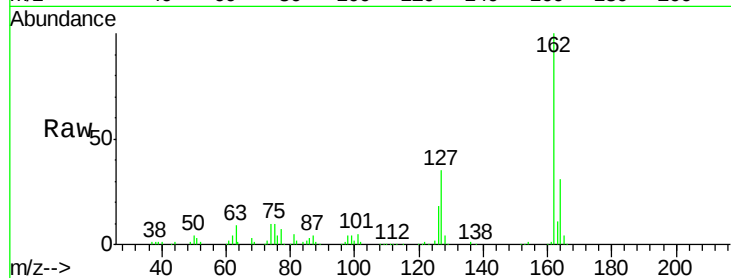




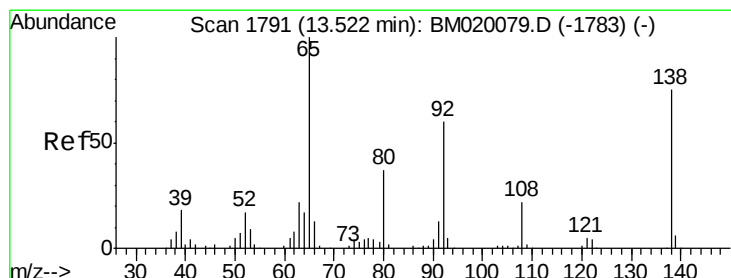
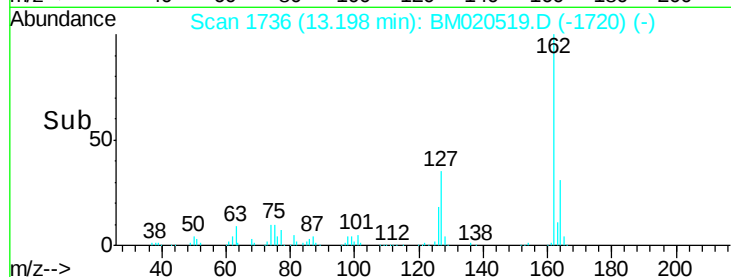
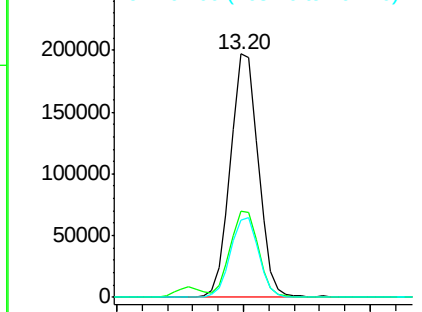
#47
 2-Chloronaphthalene
 Concen: 38.503 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

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

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.4	31.0	46.4
164	31.5	26.2	39.2

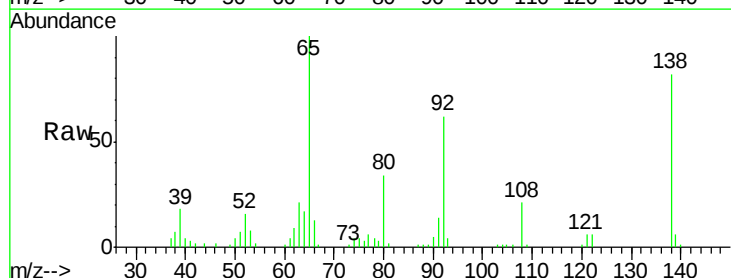


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

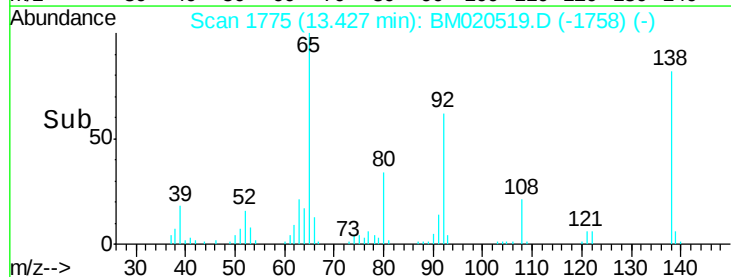
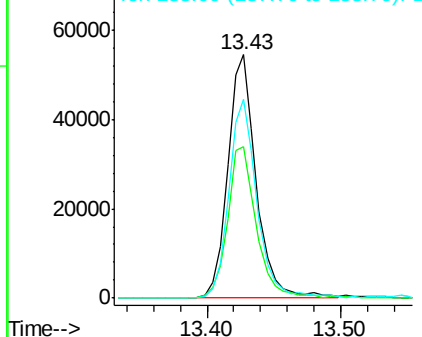


#48
 2-Nitroaniline
 Concen: 29.202 ng
 RT: 13.43 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	48.2	72.4
138	81.7	60.3	90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.049 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

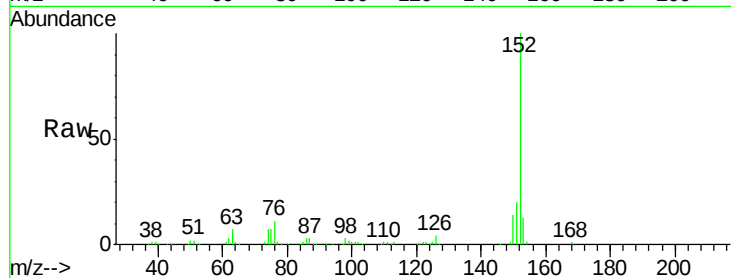
Tgt Ion:152 Resp: 449893

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

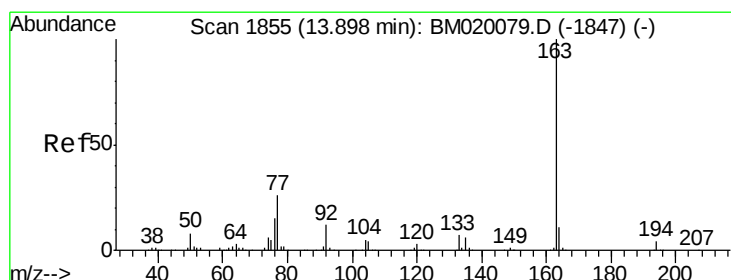
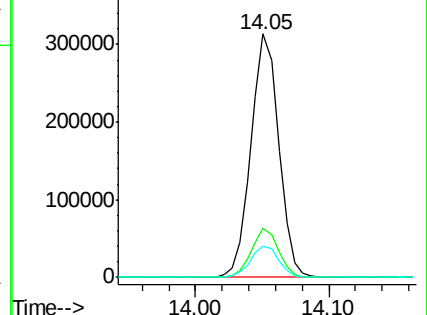
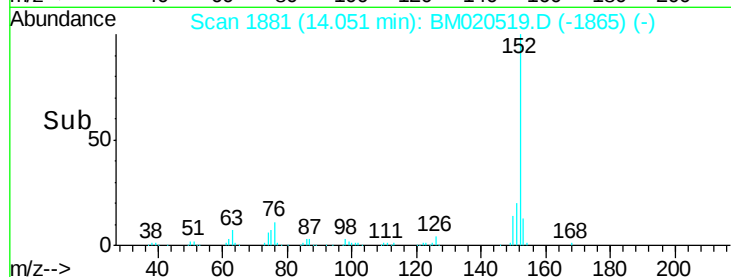
153 13.0 10.6 16.0



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: 47.878 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

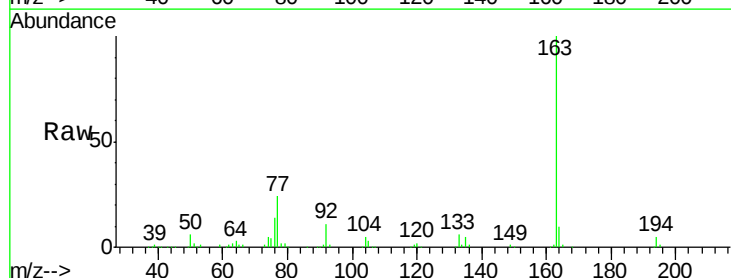
Tgt Ion:163 Resp: 482858

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

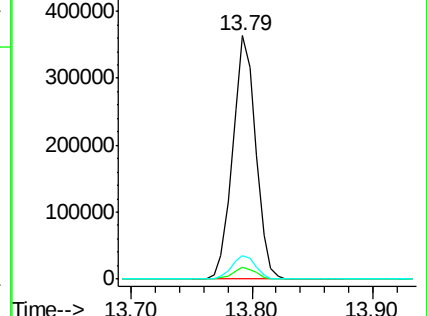
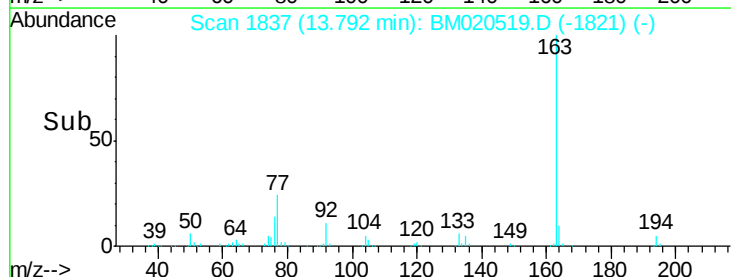
164 9.7 8.4 12.6

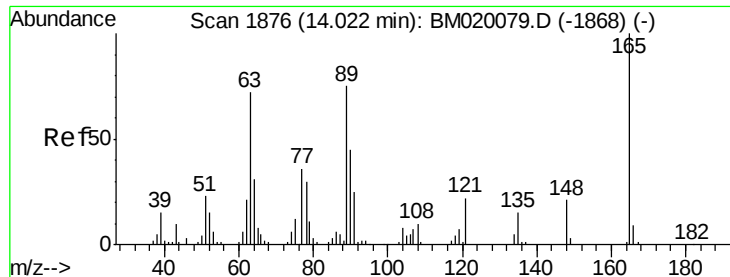


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

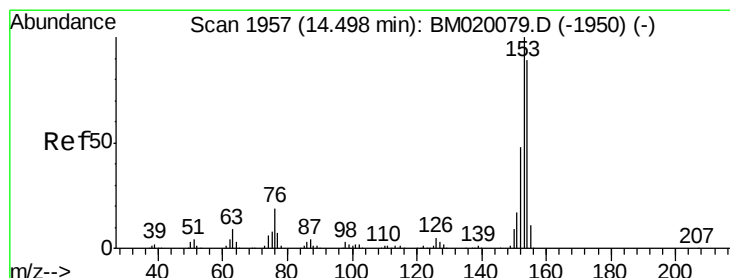
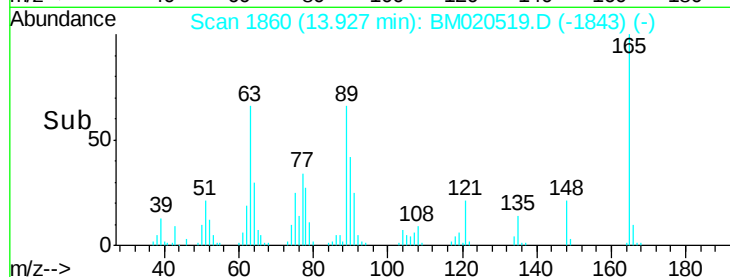
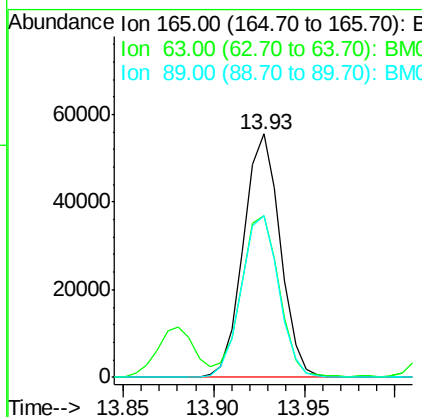
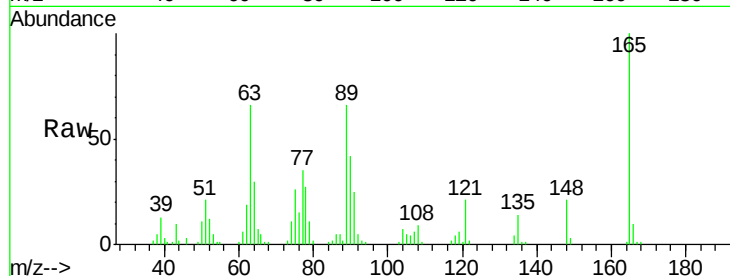




#51
 2,6-Dinitrotoluene
 Concen: 36.874 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

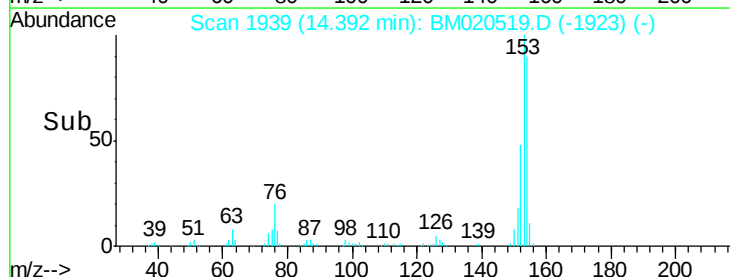
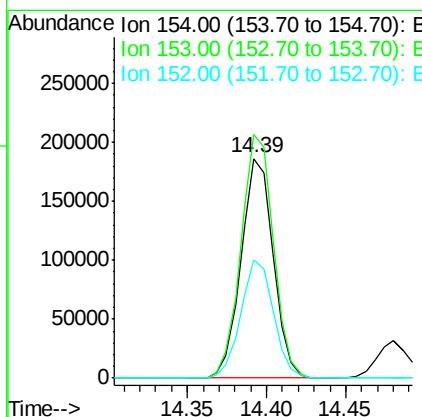
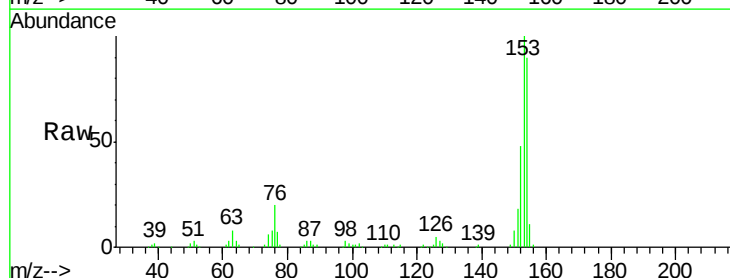
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

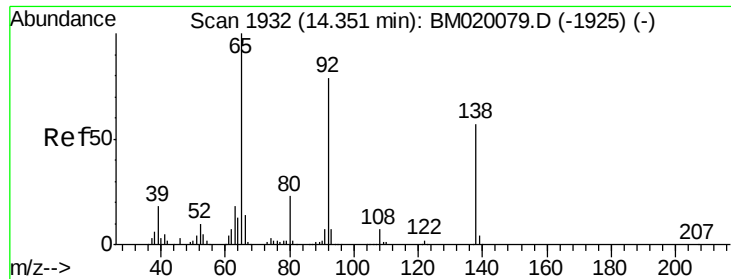
Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.3	60.3	90.5
89	66.2	59.8	89.6



#52
 Acenaphthene
 Concen: 36.692 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.2	135.2
152	53.7	43.0	64.4





#53

3-Nitroaniline

Concen: 15.439 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

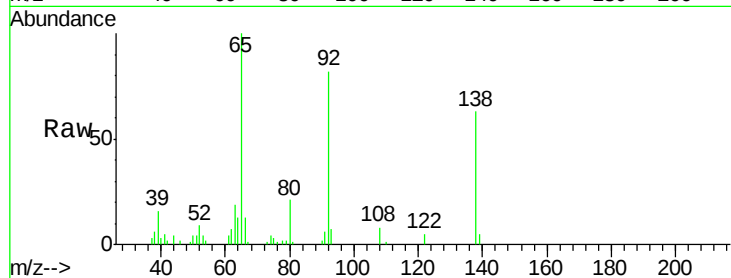
Tgt Ion:138 Resp: 30437

Ion Ratio Lower Upper

138 100

108 13.5 10.4 15.6

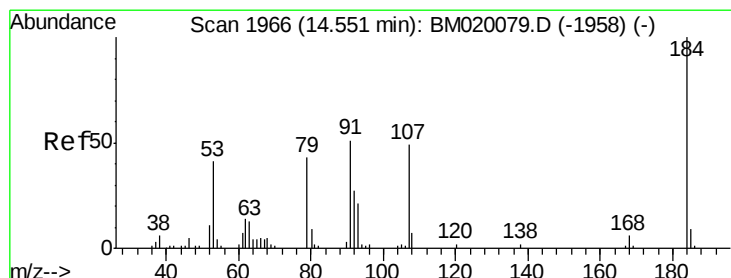
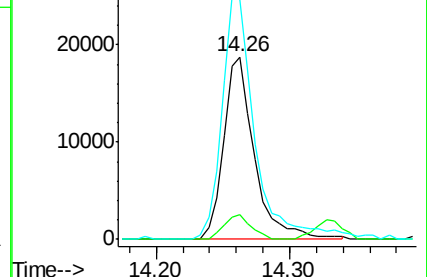
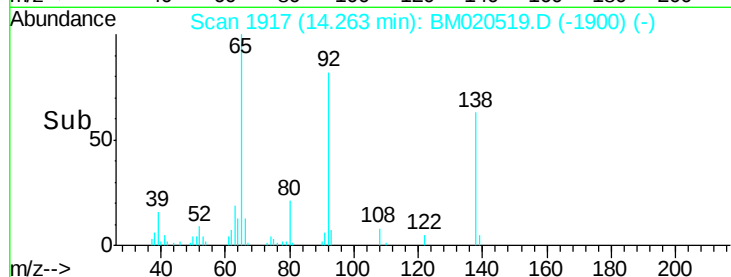
92 131.6 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 75.164 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

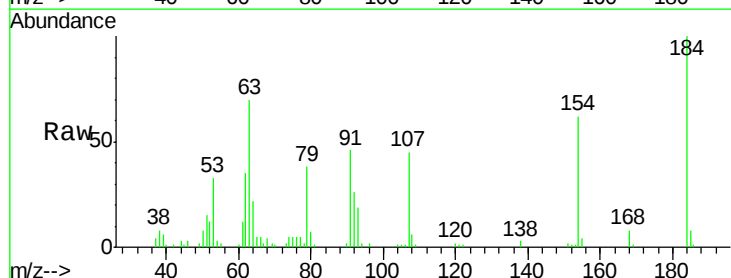
Tgt Ion:184 Resp: 79364

Ion Ratio Lower Upper

184 100

63 70.5 68.9 103.3

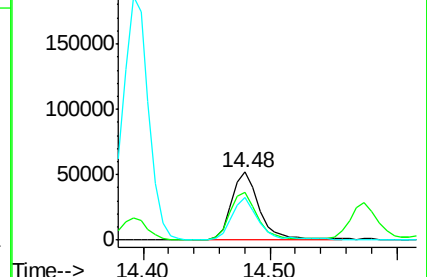
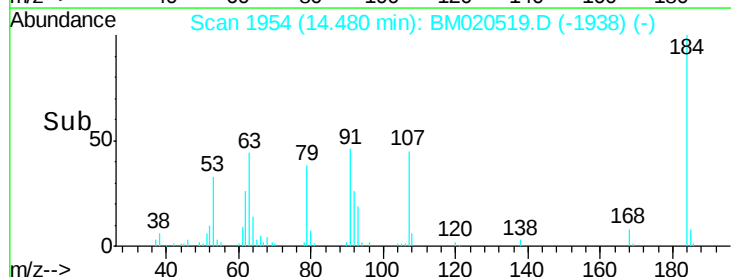
154 62.1 54.4 81.6

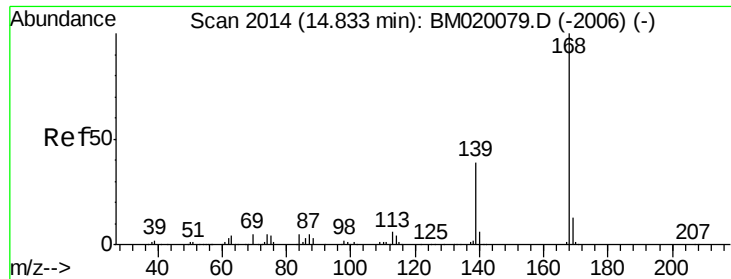


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.086 ng

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

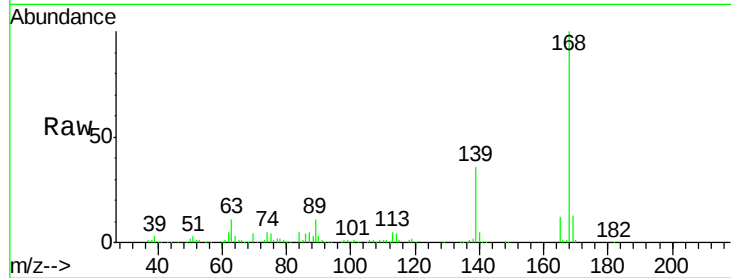
Tgt Ion:168 Resp: 459765

Ion Ratio Lower Upper

168 100

139 36.3 31.1 46.7

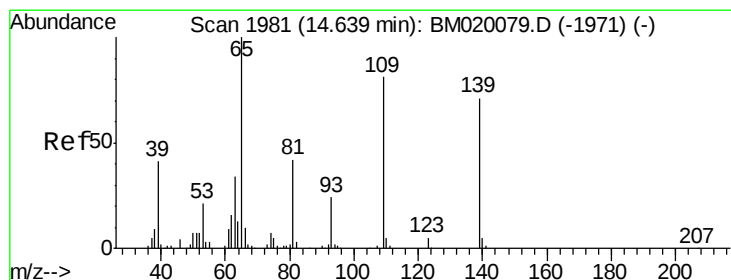
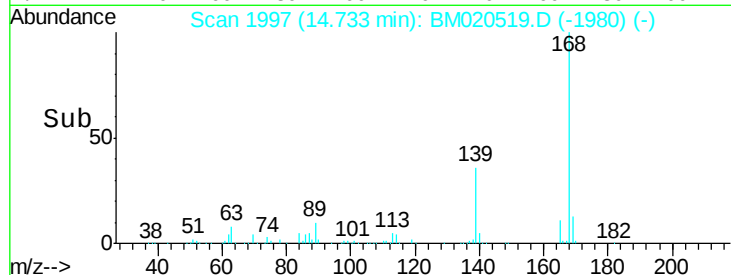
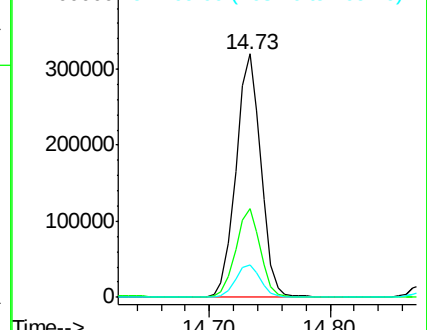
169 13.2 10.6 16.0



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: 65.954 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

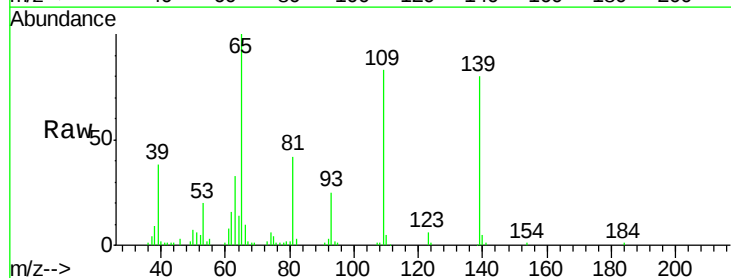
Tgt Ion:139 Resp: 110941

Ion Ratio Lower Upper

139 100

109 103.5 94.1 134.1

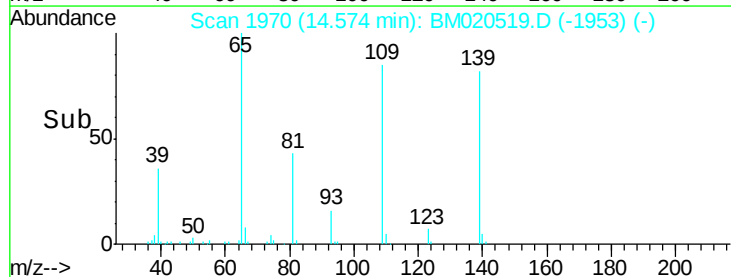
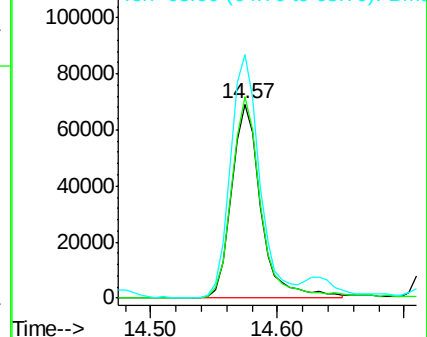
65 125.4 120.9 160.9

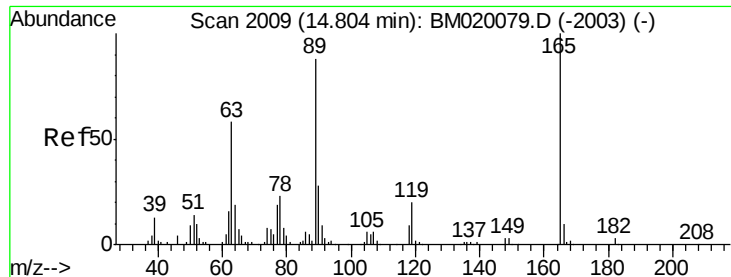


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

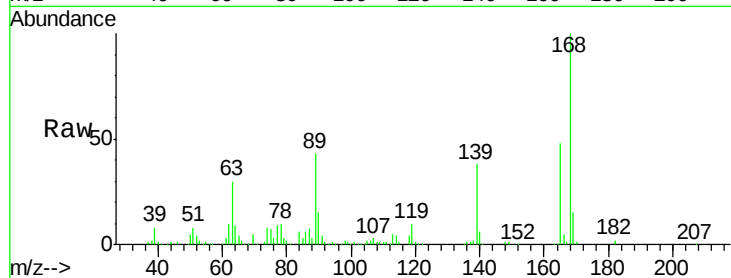




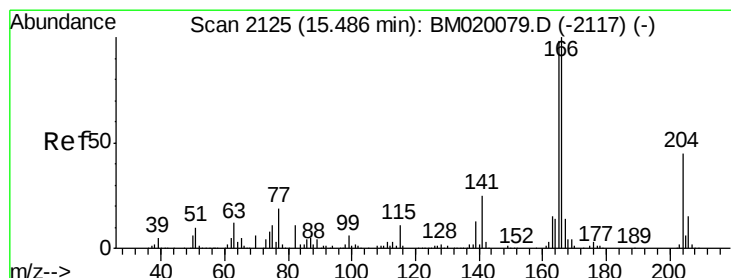
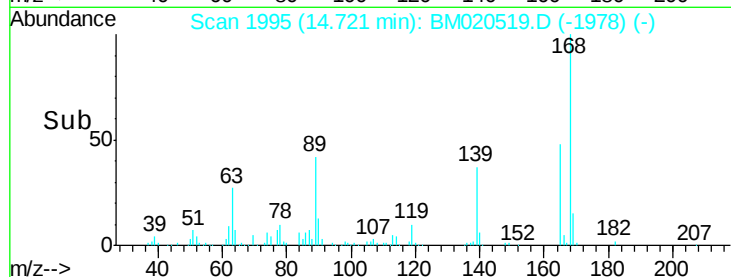
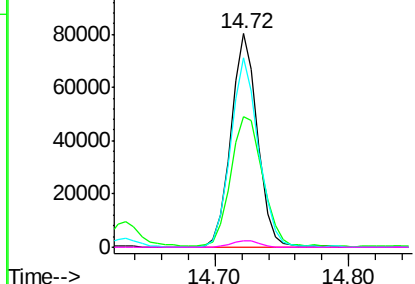
#57
 2,4-Dinitrotoluene
 Concen: 38.506 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

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

Tgt Ion:165 Resp: 111142
 Ion Ratio Lower Upper
 165 100
 63 61.3 46.2 69.2
 89 88.5 70.6 105.8
 182 3.2 2.2 3.2

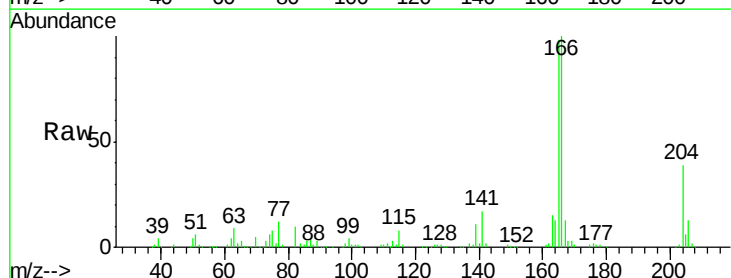


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

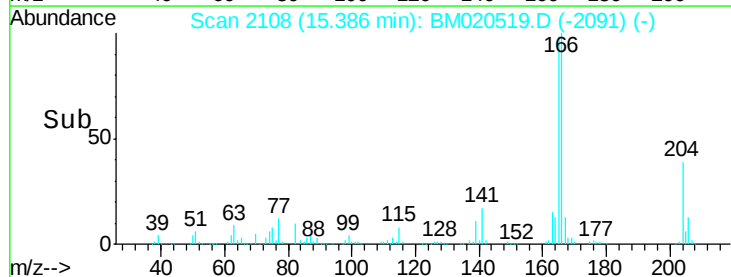
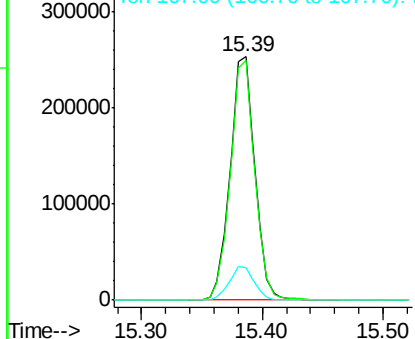


#58
 Fluorene
 Concen: 36.603 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion:166 Resp: 362891
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.2 117.2
 167 13.1 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

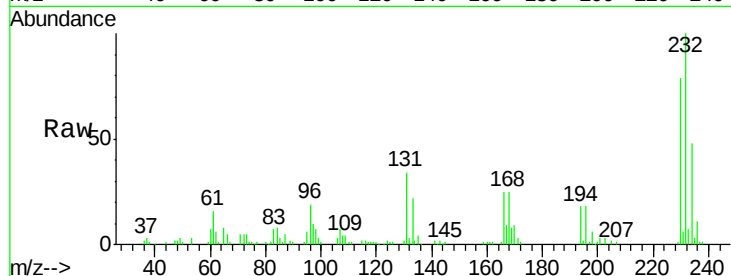




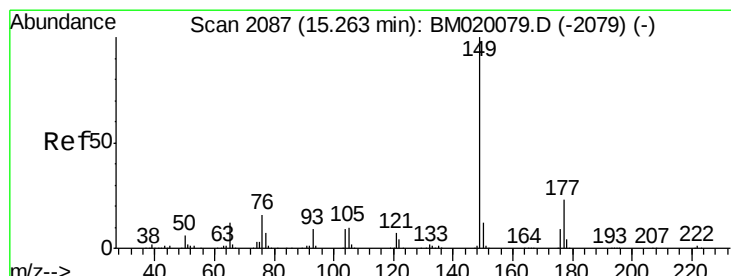
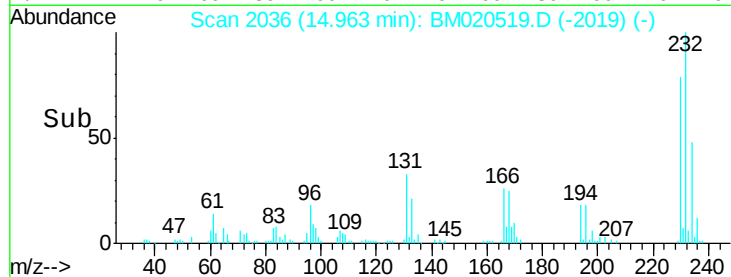
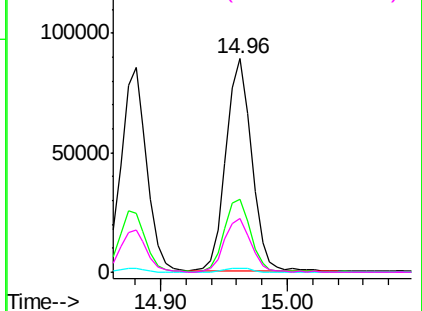
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.448 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

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

Tgt Ion:	232	Resp:	124500
Ion	Ratio	Lower	Upper
232	100		
131	36.3	34.2	51.4
130	2.0	2.0	3.0
166	26.2	23.8	35.8

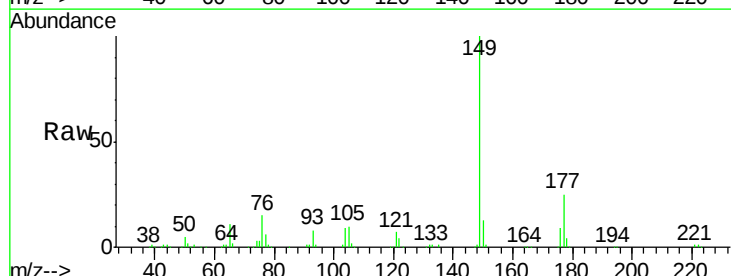


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

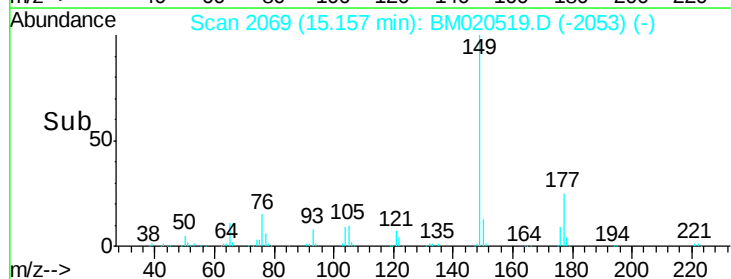
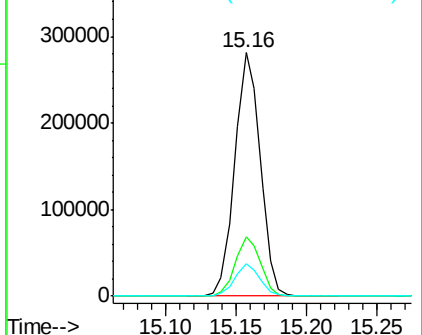


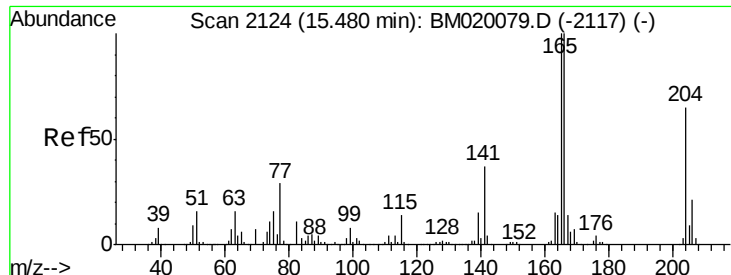
#60
 Diethylphthalate
 Concen: 34.832 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion:	149	Resp:	353919
Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.2	27.4
150	13.1	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

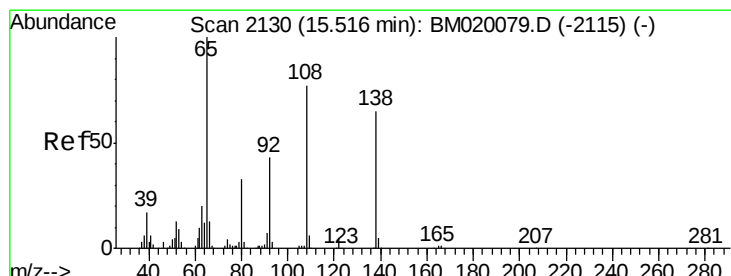
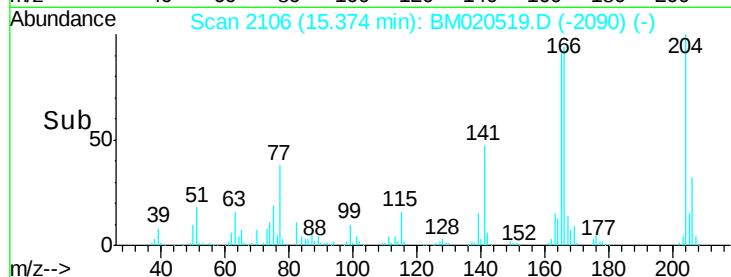
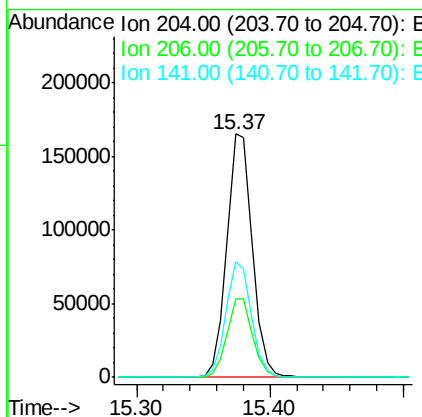
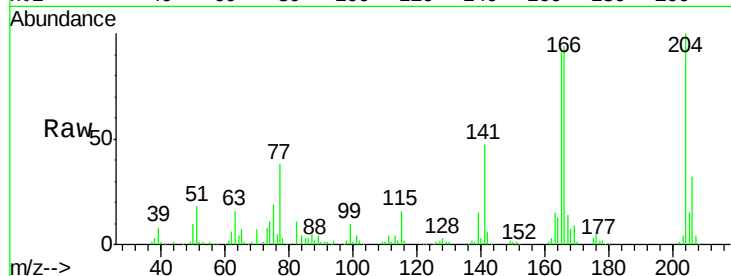




#61
 4-Chlorophenyl-phenylether
 Concen: 39.843 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

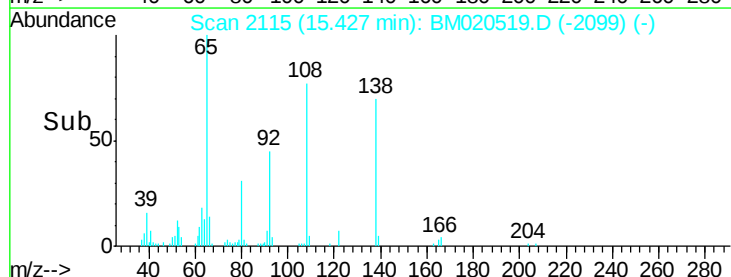
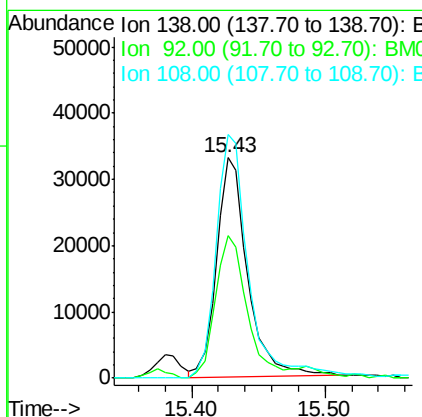
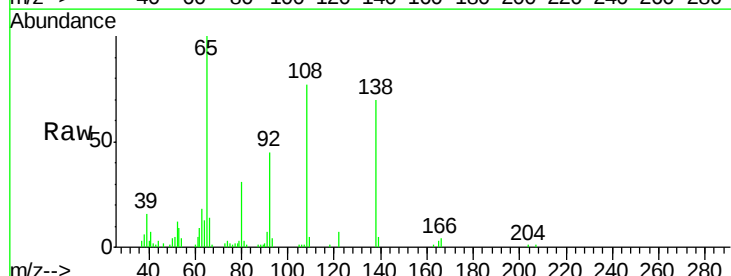
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

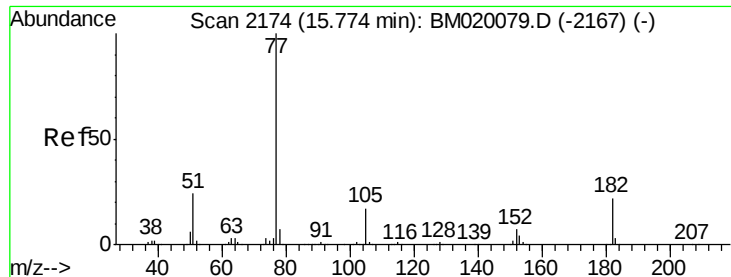
Tgt Ion:	204	Resp:	223813
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.6	38.4
141	47.3	46.1	69.1



#62
 4-Nitroaniline
 Concen: 24.662 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion:	138	Resp:	53657
Ion Ratio	Lower	Upper	
138	100		
92	64.9	45.9	85.9
108	110.6	97.7	137.7





#63

Azobenzene

Concen: 32.145 ng

RT: 15.67 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tgt Ion: 77 Resp: 385315

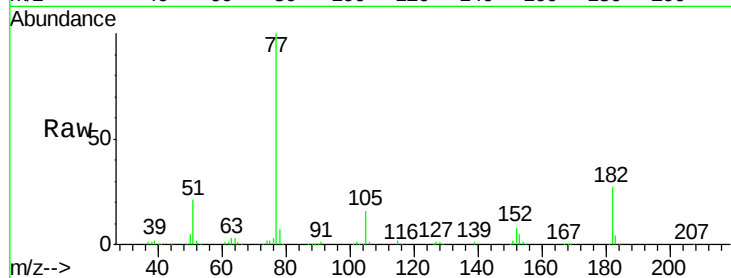
Ion Ratio Lower Upper

77 100

182 26.7 2.1 42.1

105 16.3 0.0 36.8

51 21.4 3.8 43.8

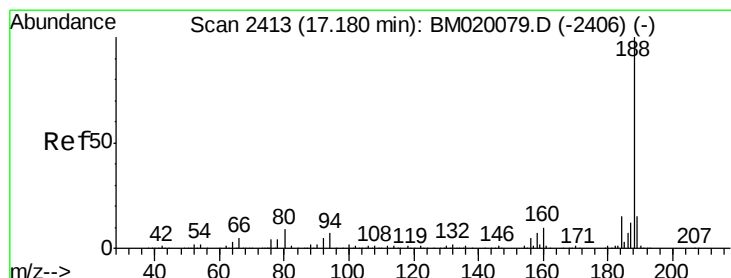
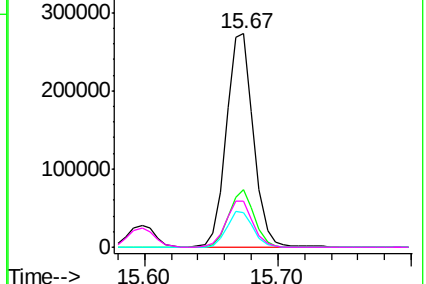
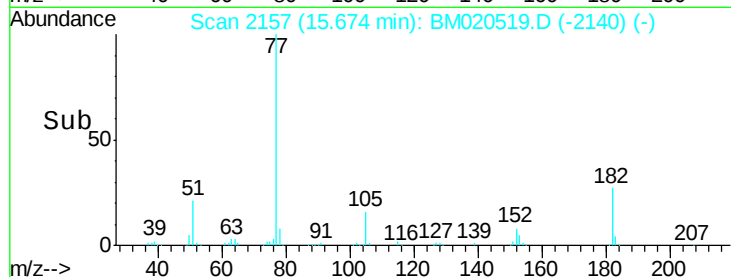


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

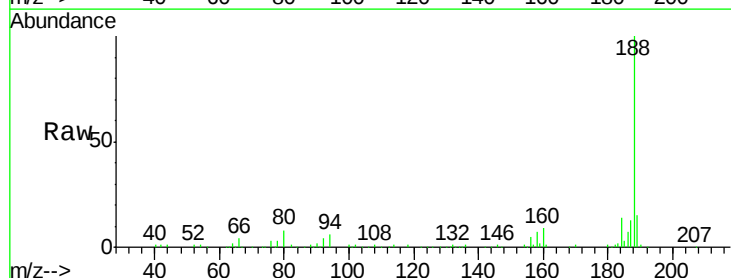
Tgt Ion: 188 Resp: 293096

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.6

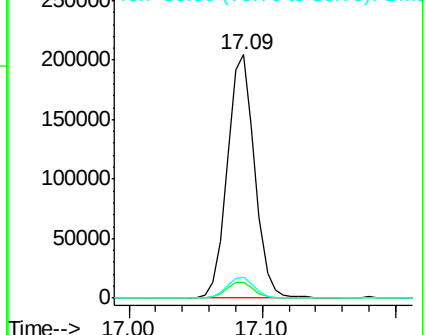
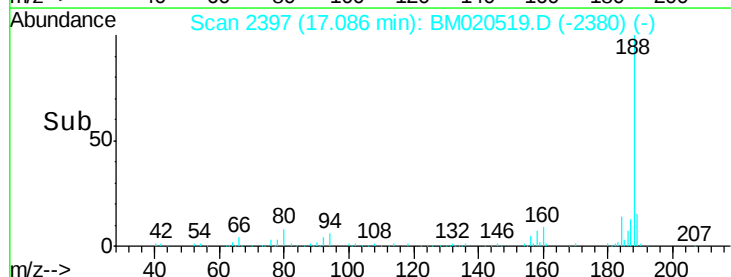
80 8.4 7.4 11.2

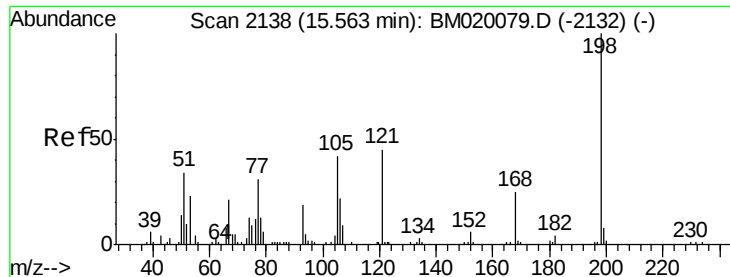


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

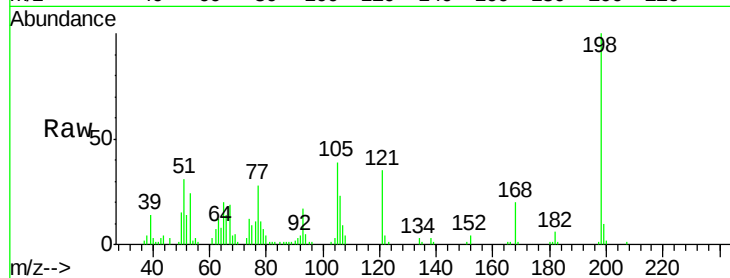




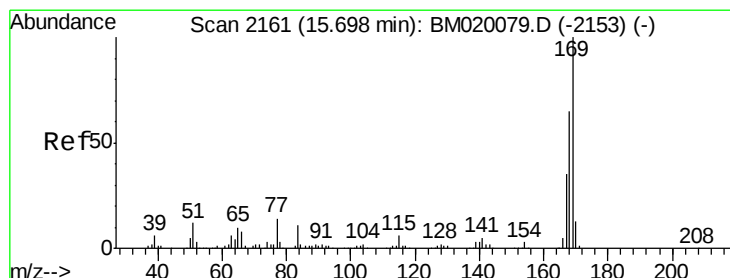
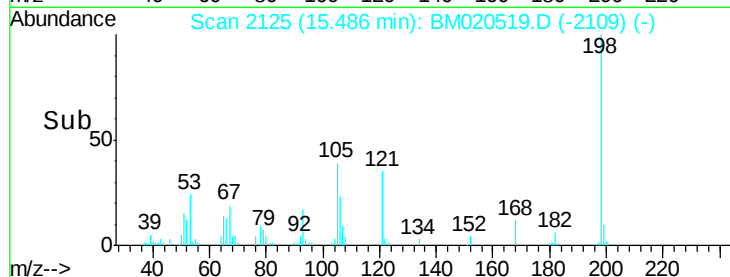
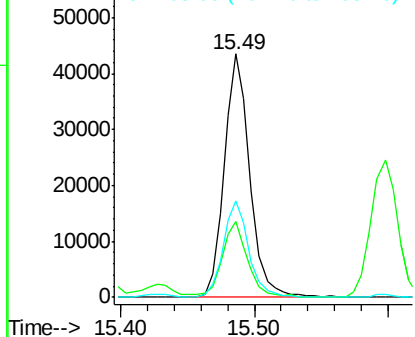
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.684 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	31.2	16.5	56.5
105	39.4	22.8	62.8

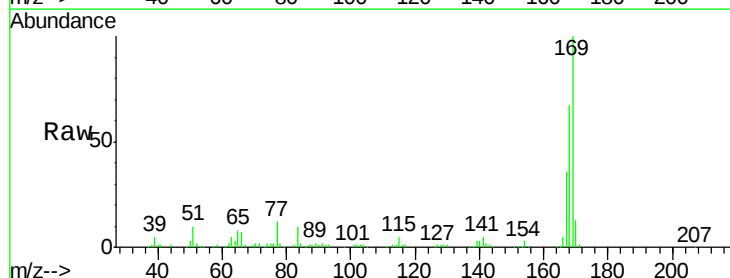


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM020519.D (-2132) (-)
 Ion 105.00 (104.70 to 105.70): E

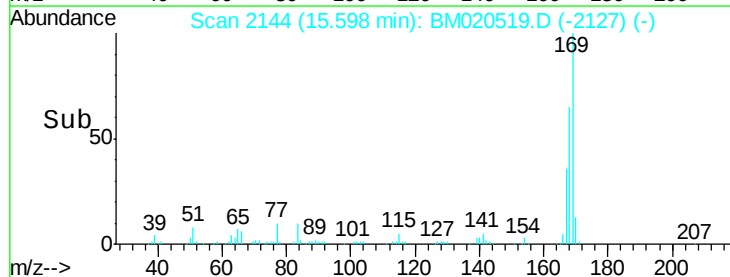
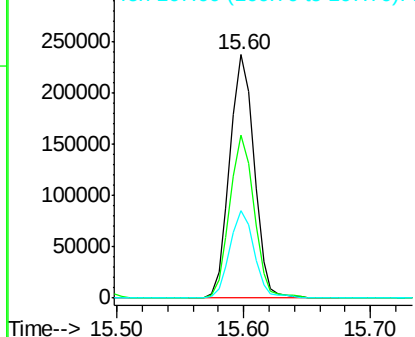


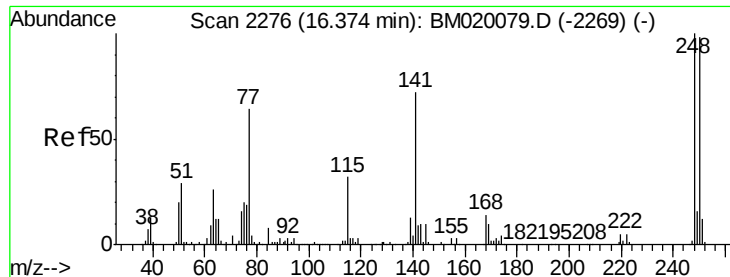
#66
 n-Nitrosodiphenylamine
 Concen: 36.714 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.9	77.9
167	36.2	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

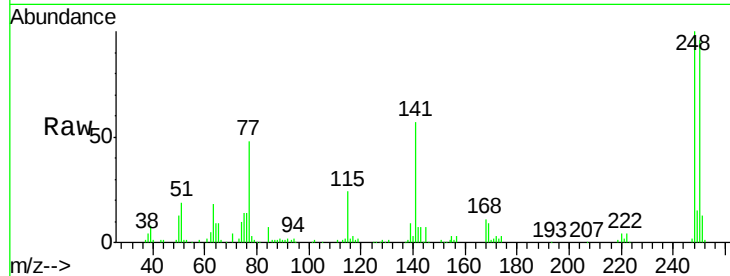




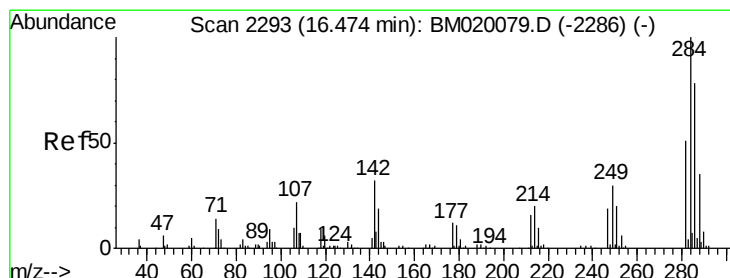
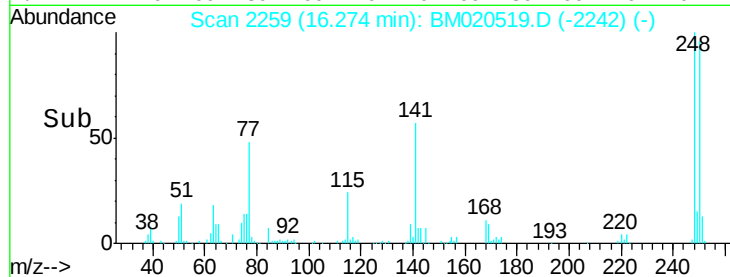
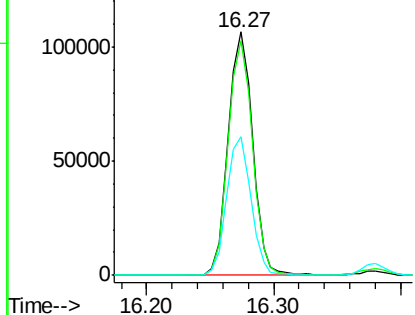
#67
 4-Bromophenyl-phenylether
 Concen: 39.603 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

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

Tgt Ion: 248 Resp: 142337
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.4 117.6
 141 56.8 57.4 86.2#

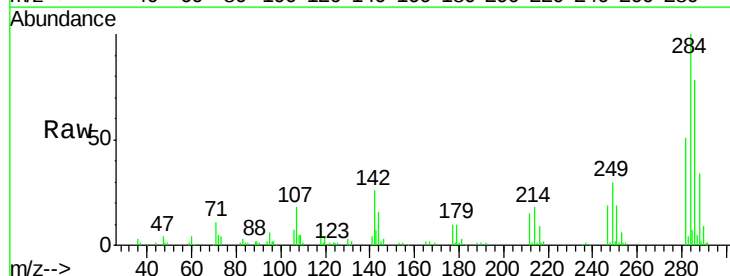


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

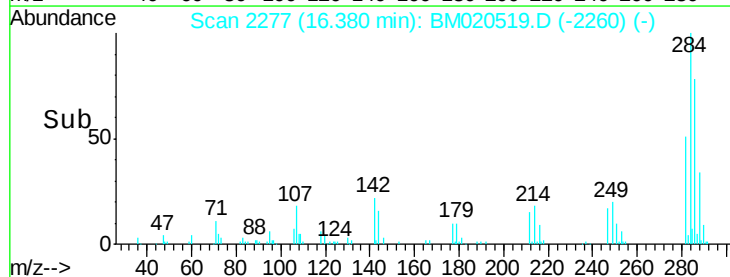
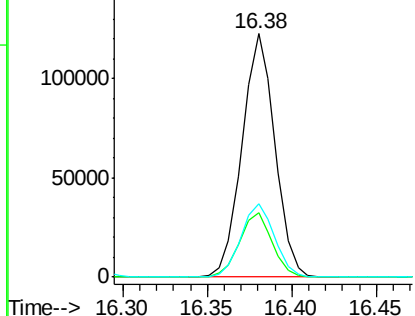


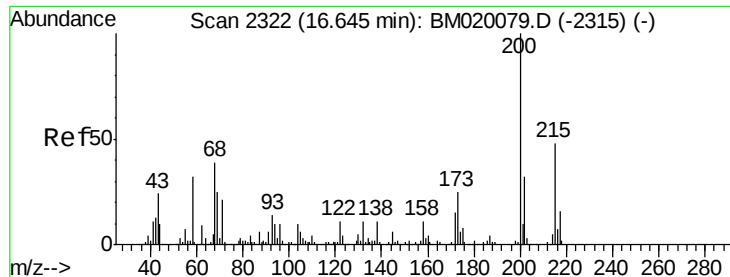
#68
 Hexachlorobenzene
 Concen: 40.177 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion: 284 Resp: 166167
 Ion Ratio Lower Upper
 284 100
 142 26.4 25.2 37.8
 249 30.4 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

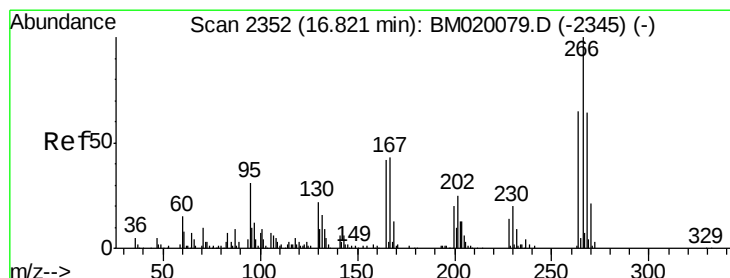
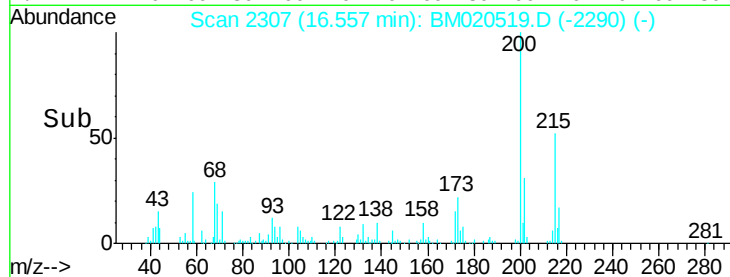
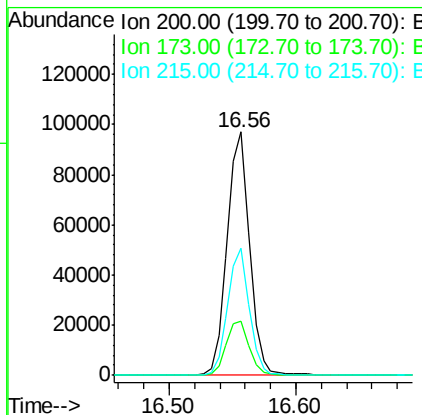
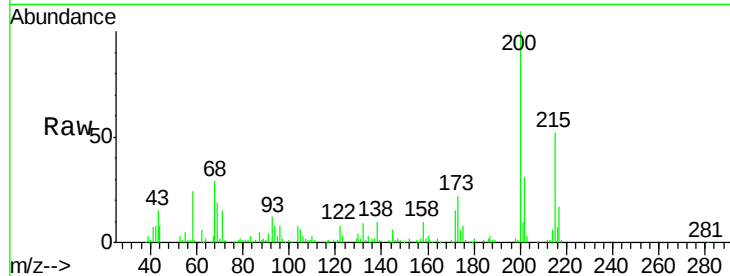




#69
 Atrazine
 Concen: 35.295 ng
 RT: 16.56 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

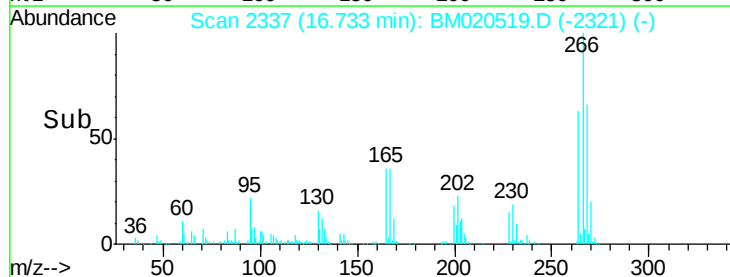
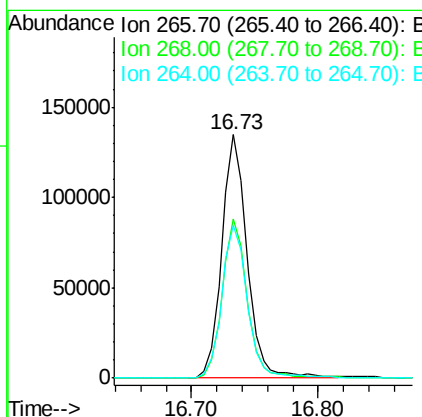
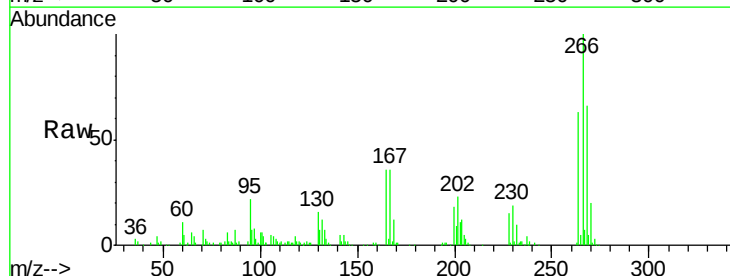
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MS

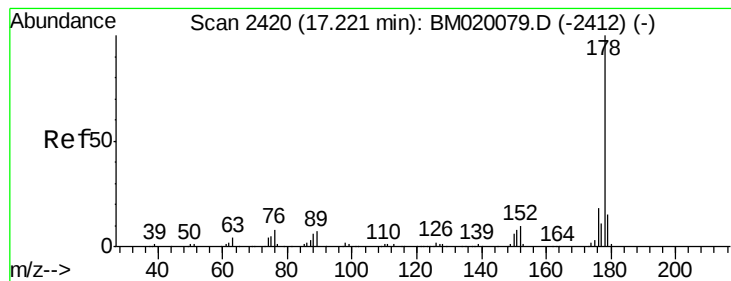
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.1	4.6	44.6
215	52.1	28.0	68.0



#70
 Pentachlorophenol
 Concen: 78.948 ng
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BM020519.D
 Acq: 23 May 2019 17:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.4	77.0
264	62.8	52.0	78.0





#71

Phenanthrene

Concen: 36.549 ng

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

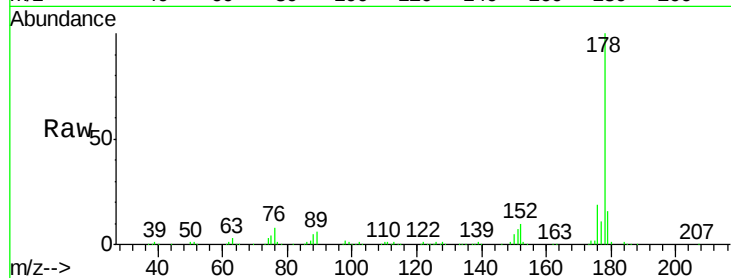
Tgt Ion:178 Resp: 591339

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

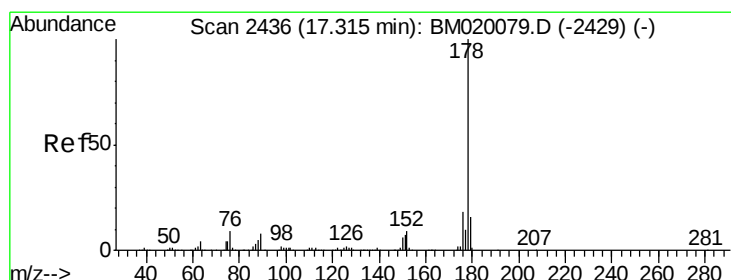
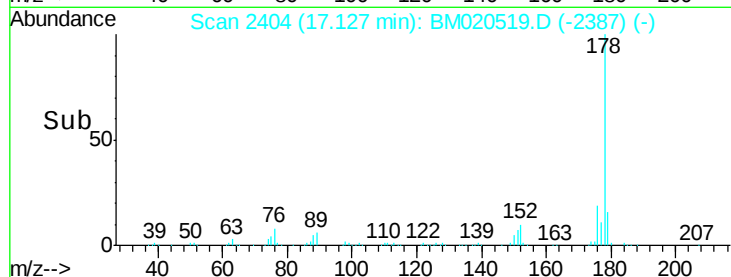
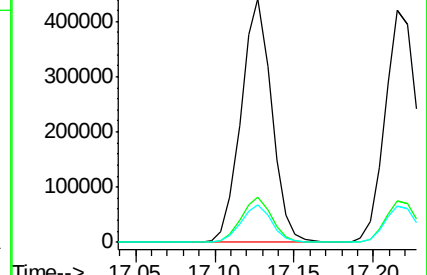
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.201 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

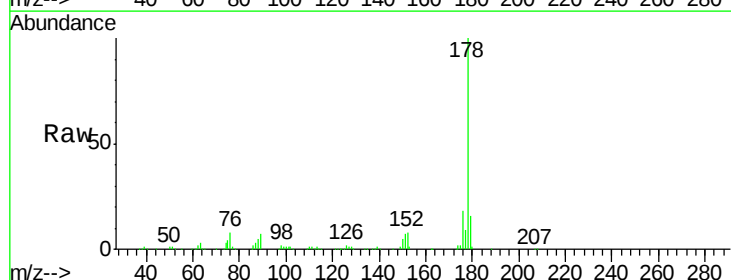
Tgt Ion:178 Resp: 585597

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

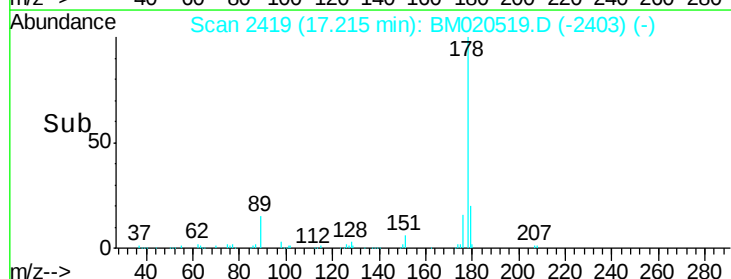
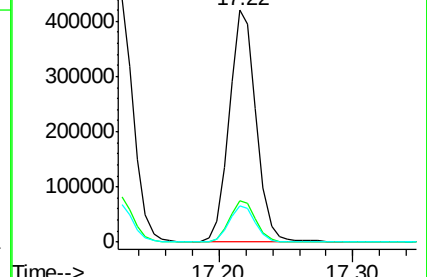
179 15.7 12.4 18.6

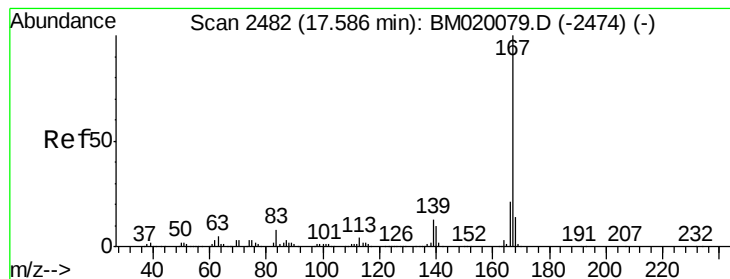


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.891 ng

RT: 17.50 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

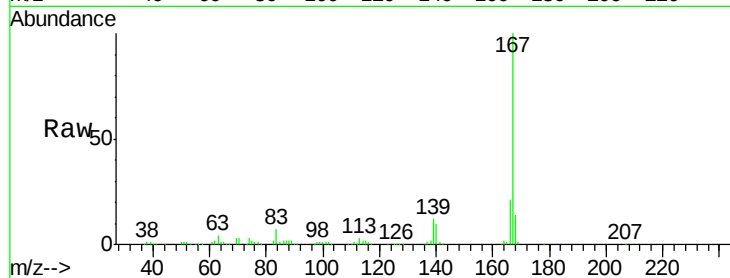
Tgt Ion:167 Resp: 509268

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

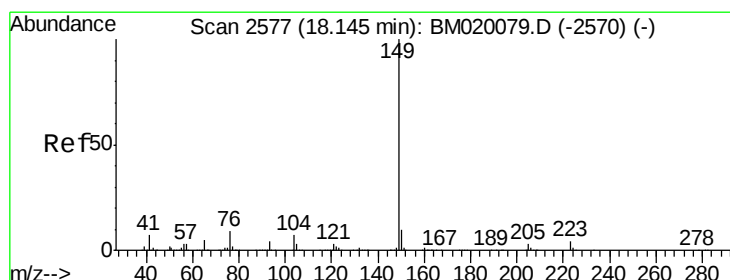
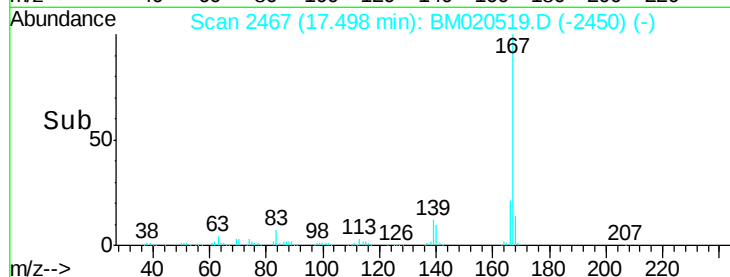
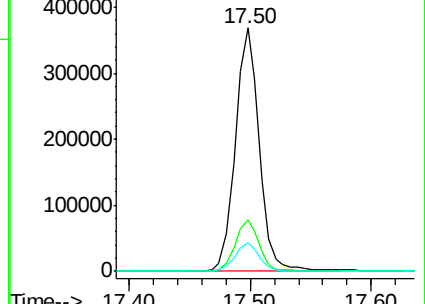
139 11.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 32.725 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

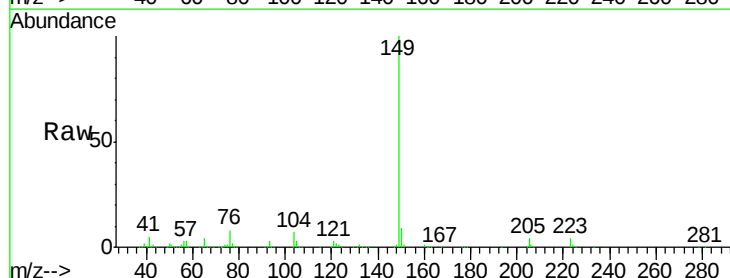
Tgt Ion:149 Resp: 574834

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

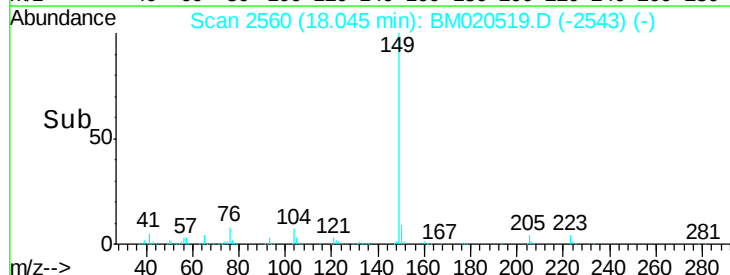
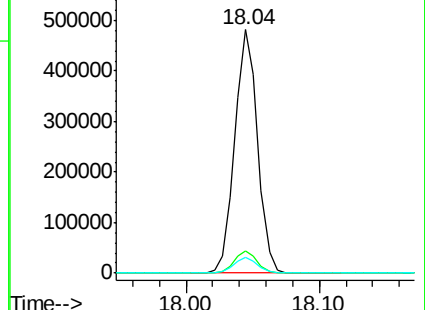
104 6.6 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.660 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

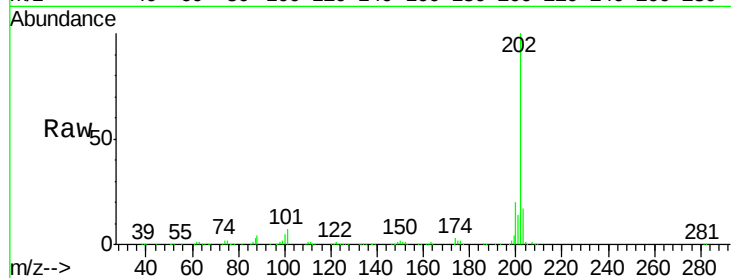
Tgt Ion:202 Resp: 750463

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.4

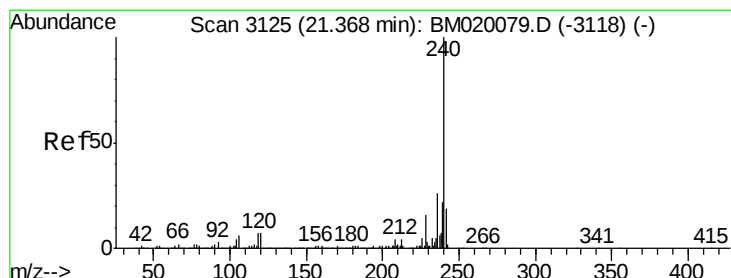
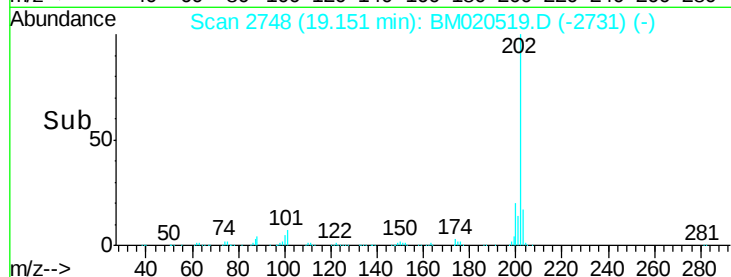
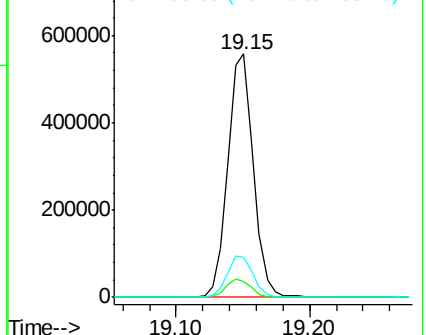
203 16.7 0.0 37.4



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: BM020519.D

Acq: 23 May 2019 17:08

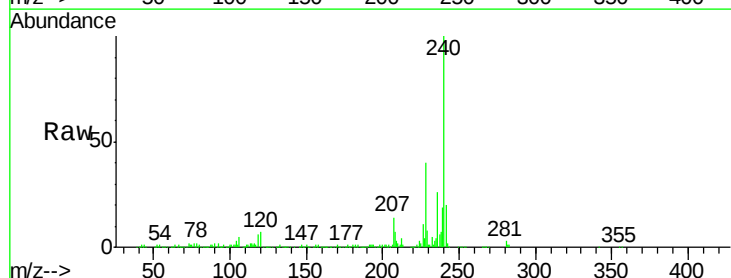
Tgt Ion:240 Resp: 310297

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

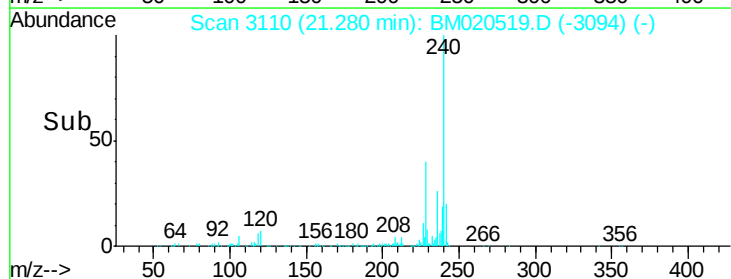
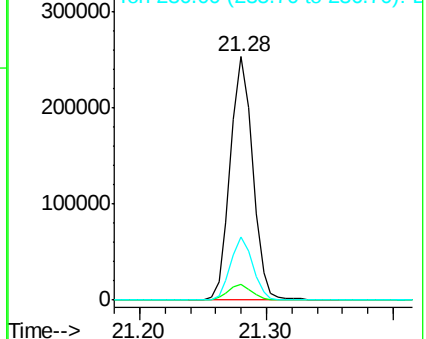
236 26.1 20.9 31.3

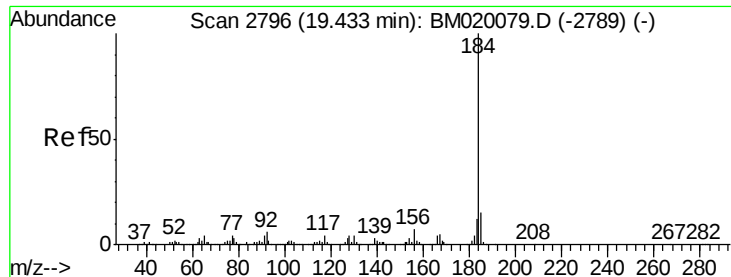


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.029 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

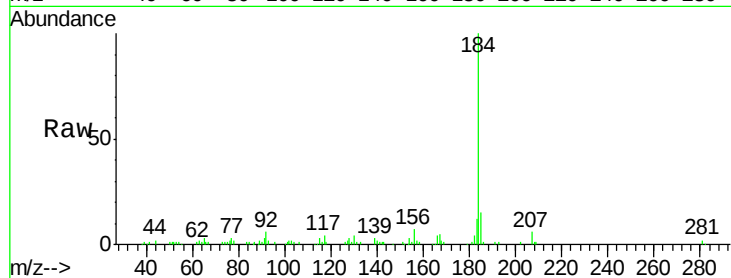
Tgt Ion:184 Resp: 129257

Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

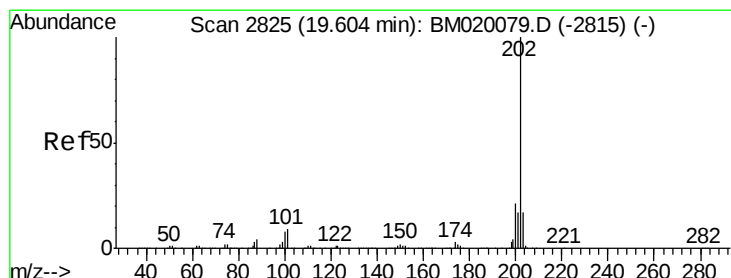
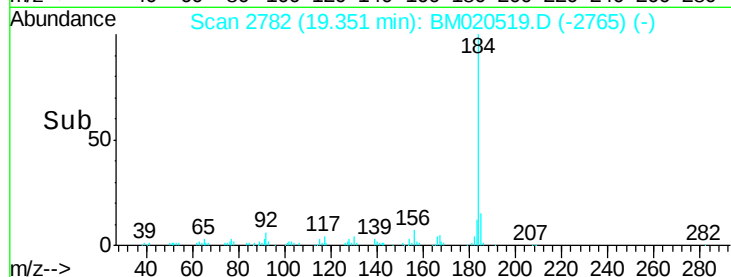
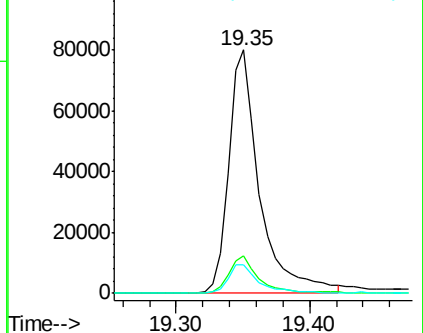
183 11.6 9.5 14.3



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: 36.617 ng

RT: 19.52 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

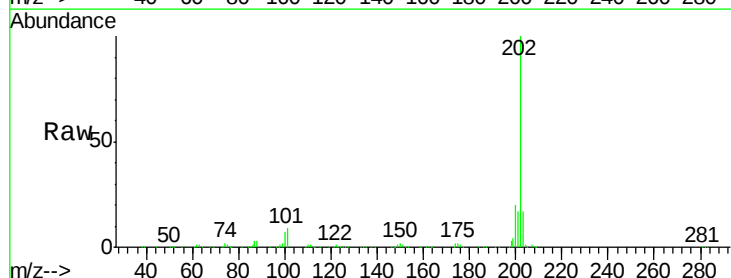
Tgt Ion:202 Resp: 762841

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

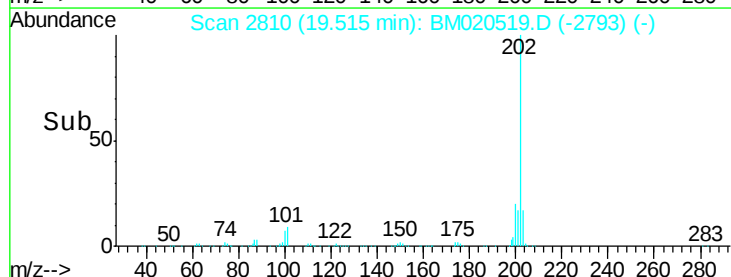
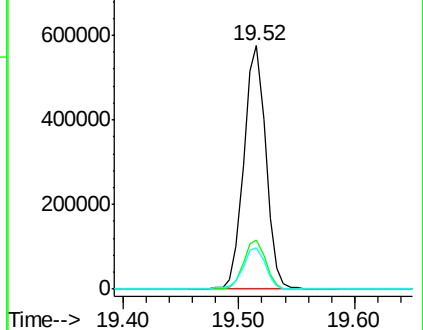
203 17.1 13.9 20.9



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: 69.220 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

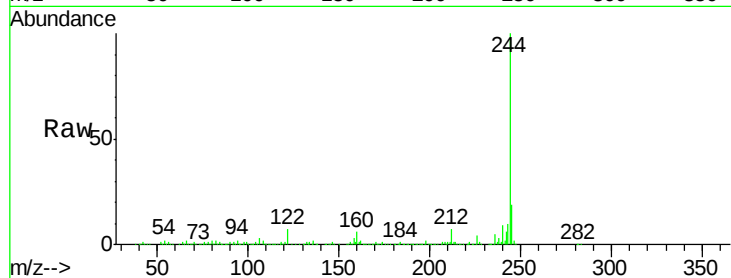
Tgt Ion:244 Resp: 1231418

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

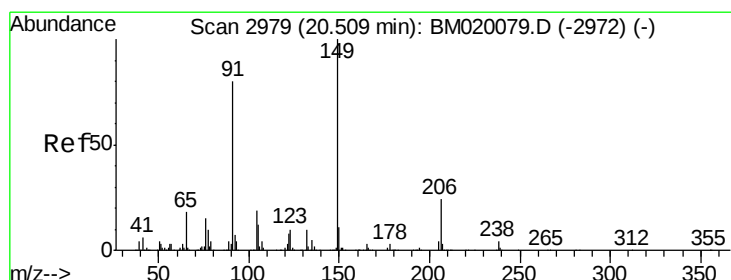
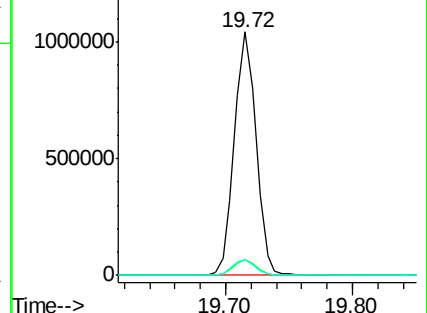
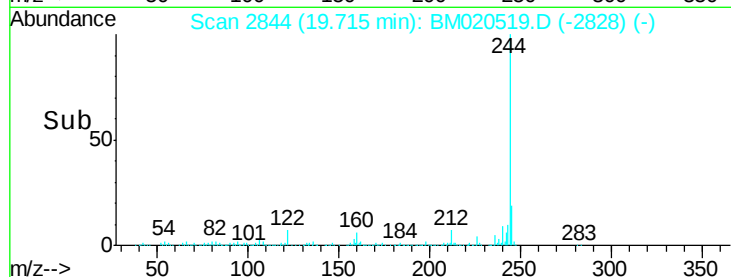
122 6.7 6.2 9.2



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: 33.267 ng

RT: 20.42 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

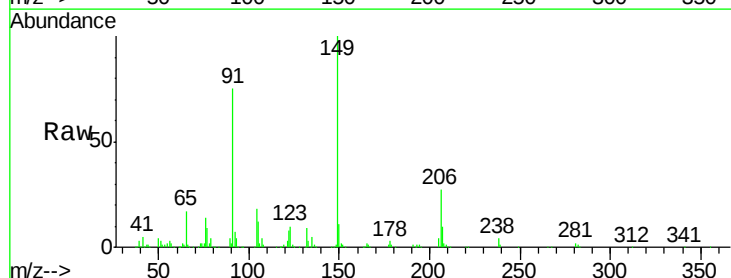
Tgt Ion:149 Resp: 252028

Ion Ratio Lower Upper

149 100

91 74.9 63.8 95.8

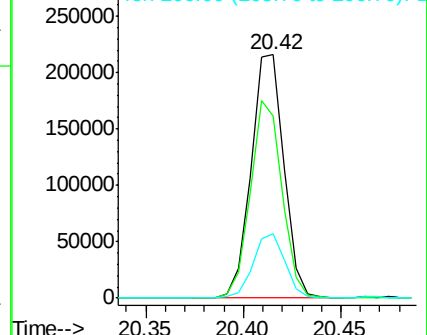
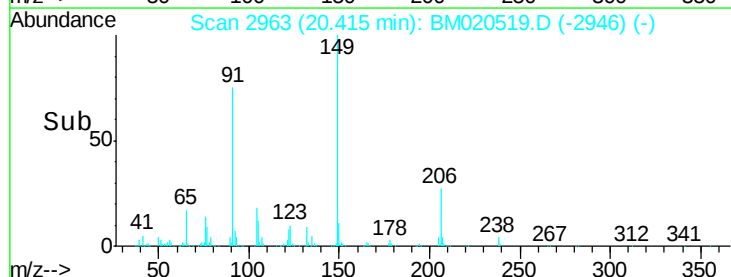
206 26.5 18.9 28.3

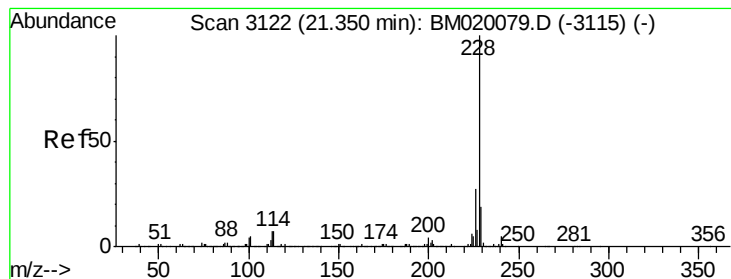


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.917 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

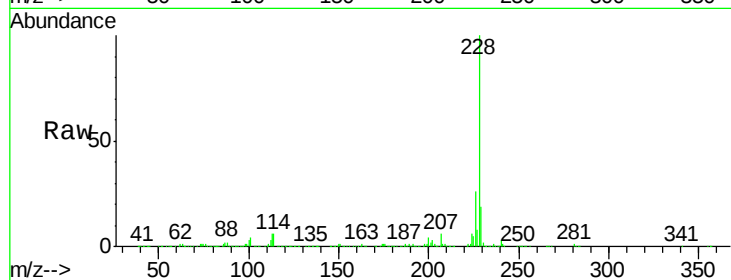
Tgt Ion:228 Resp: 759822

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

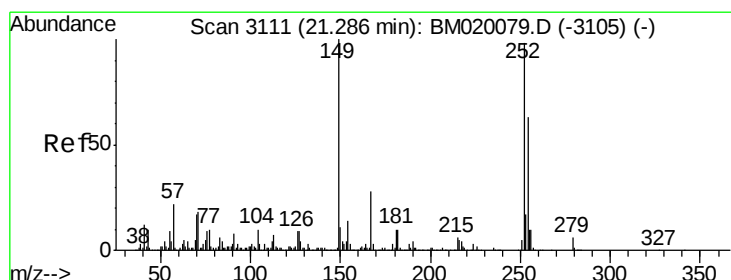
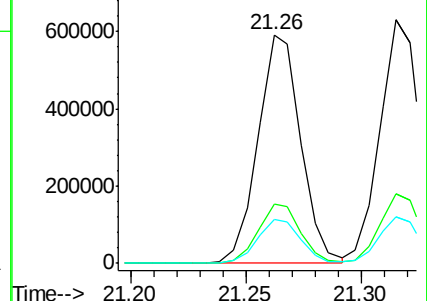
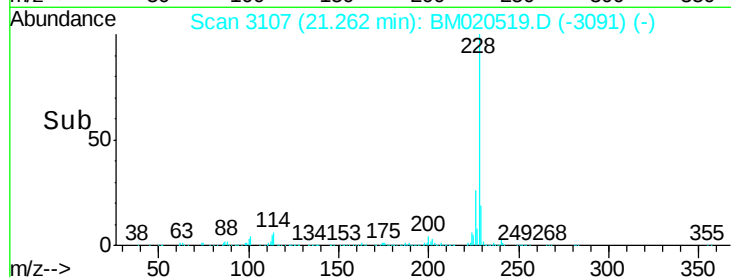
229 19.4 15.5 23.3



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



#82

3,3'-Dichlorobenzidine

Concen: 18.476 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

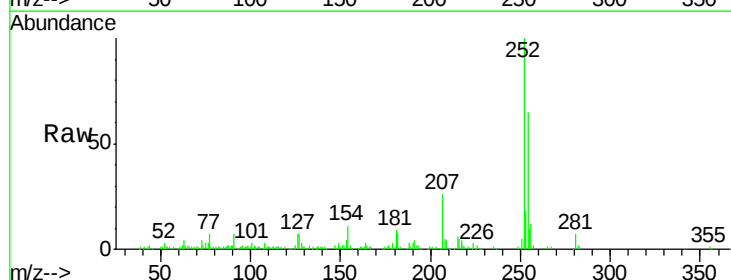
Tgt Ion:252 Resp: 153452

Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

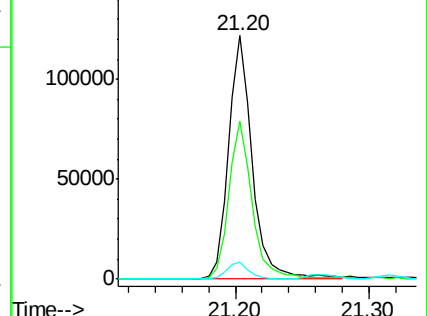
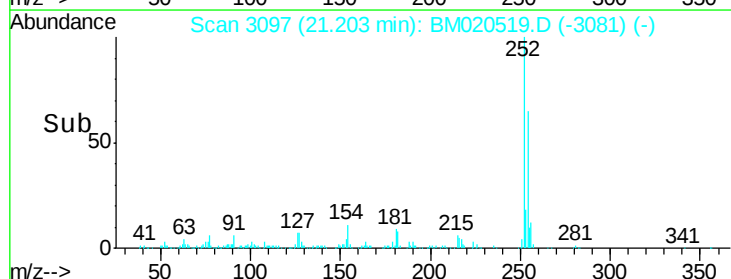
126 7.2 7.1 10.7

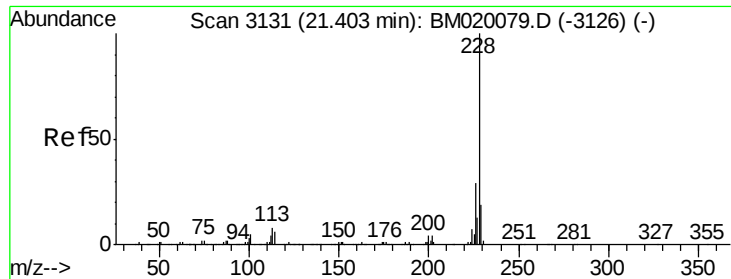


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.367 ng

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

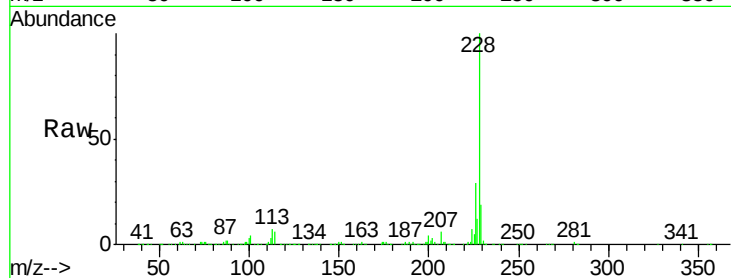
Tgt Ion:228 Resp: 767512

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

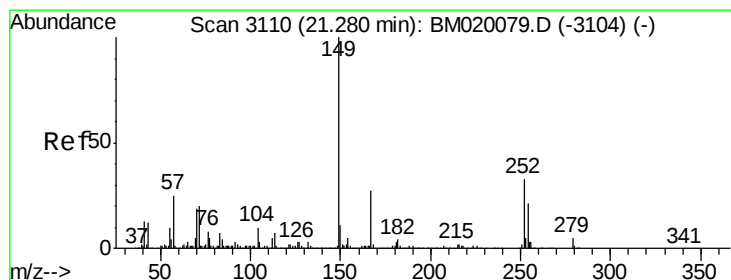
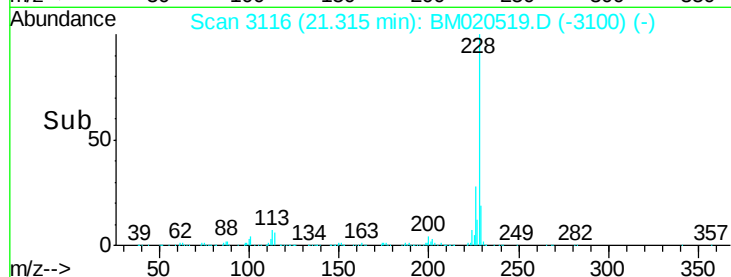
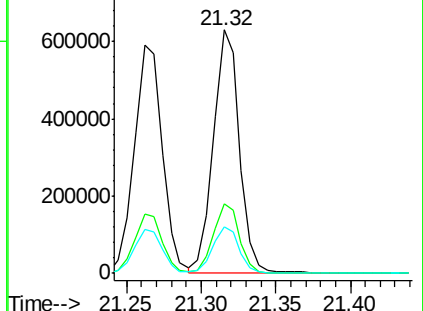
229 19.3 15.5 23.3



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: 32.915 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

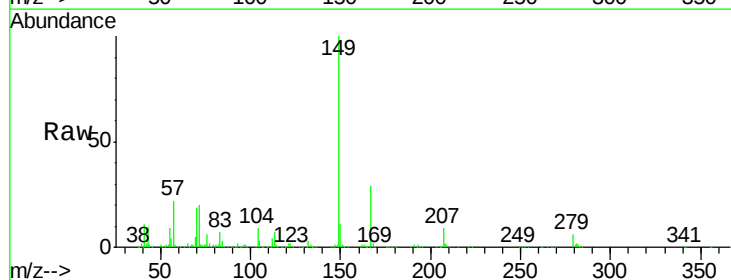
Tgt Ion:149 Resp: 386950

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.8

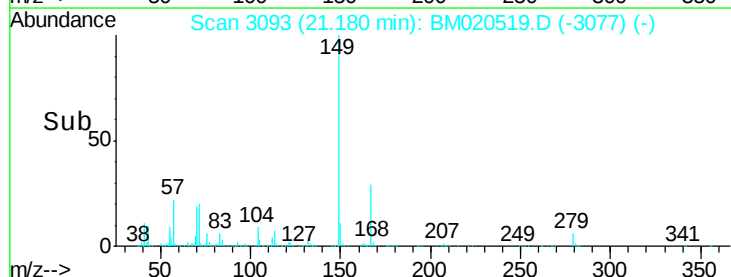
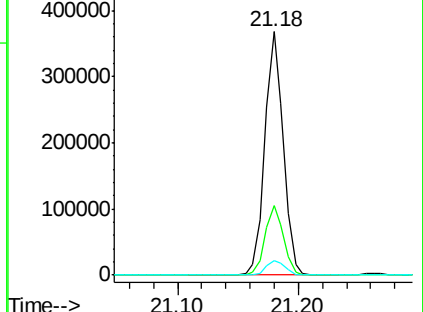
279 5.8 4.2 6.2

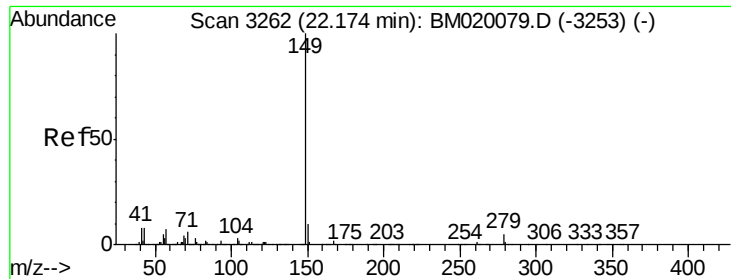


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.870 ng

RT: 22.06 min Scan# 3243

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

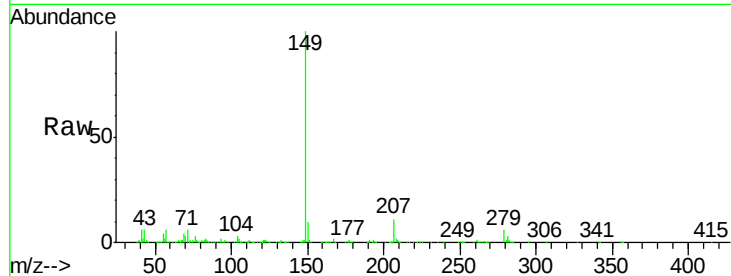
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

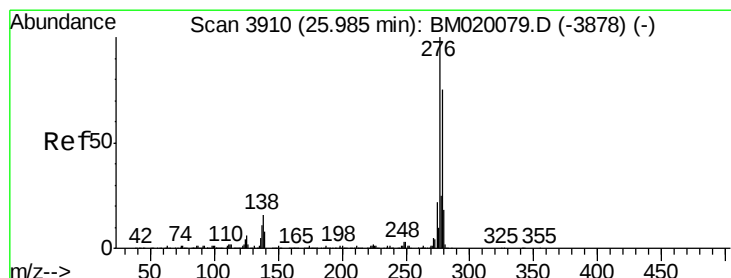
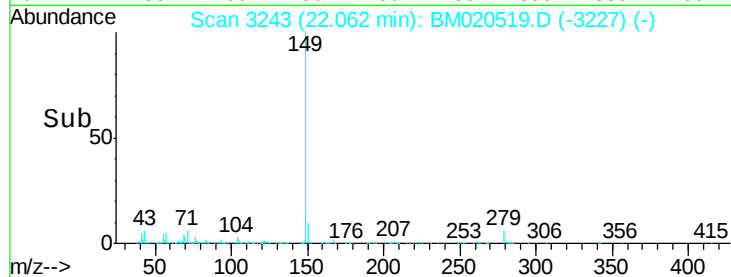
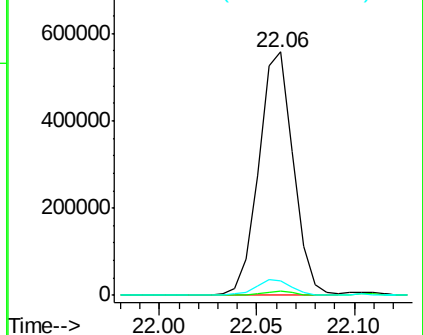
Tgt Ion:	149	Resp:	681332
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	6.4	6.5	9.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.724 ng

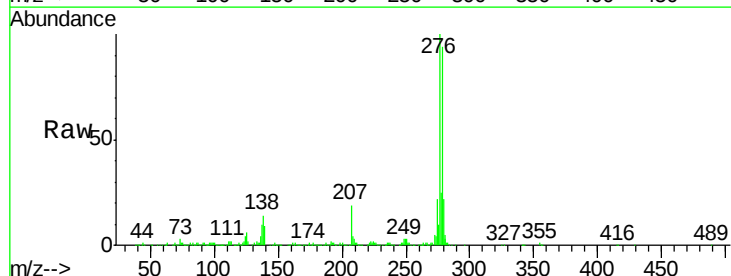
RT: 25.81 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

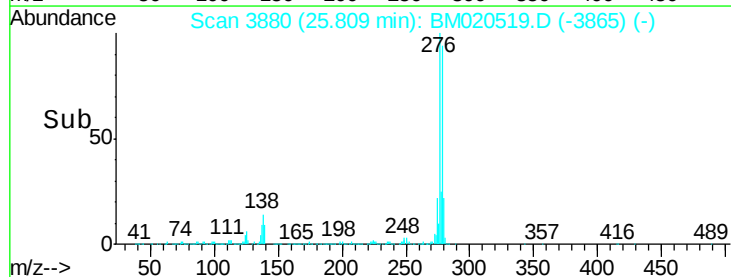
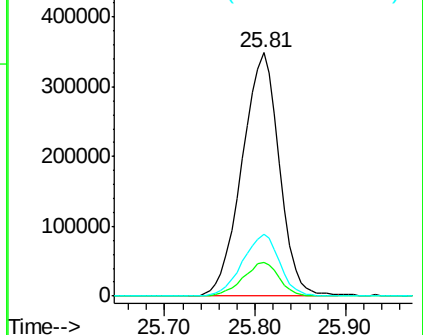
Tgt Ion:	276	Resp:	997207
Ion Ratio	Lower	Upper	
276	100		
138	13.5	0.0	0.0#
277	25.3	0.0	0.0#

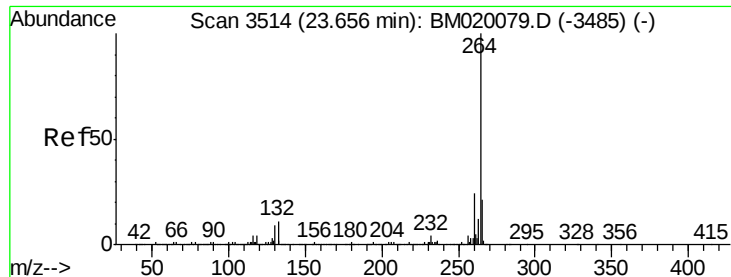


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

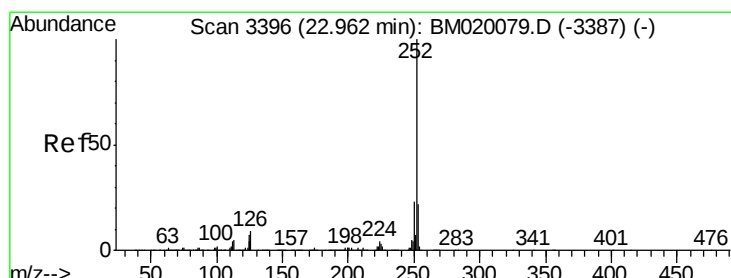
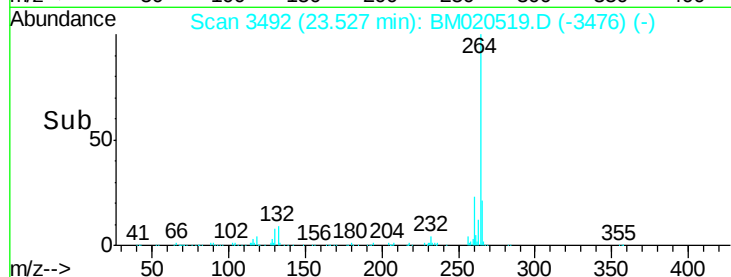
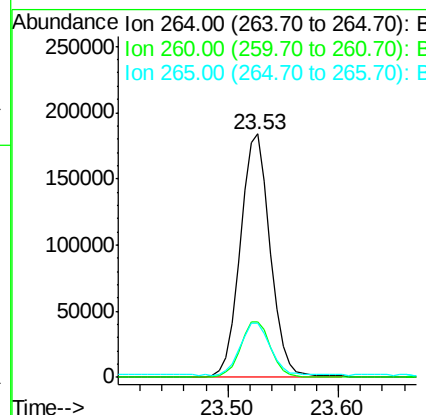
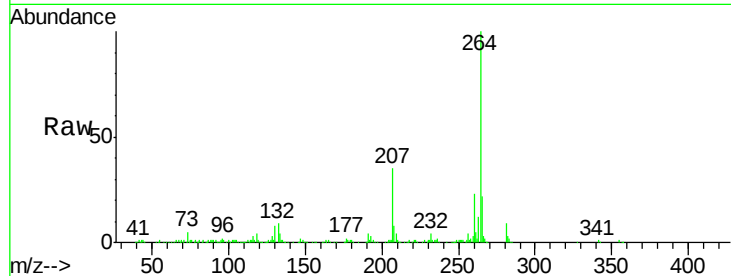




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

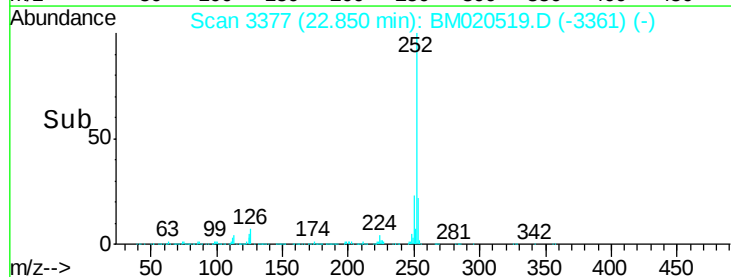
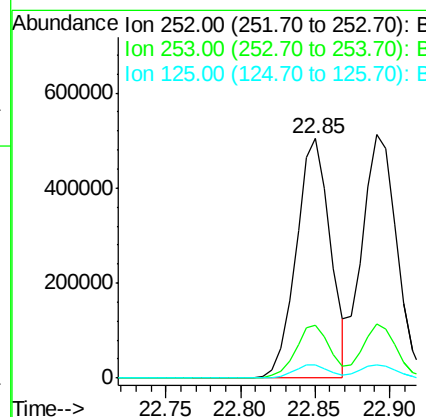
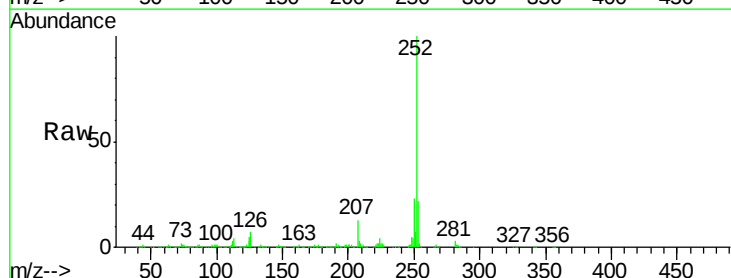
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

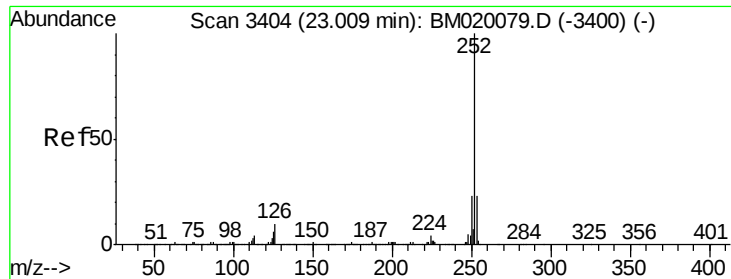
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 34.765 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

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

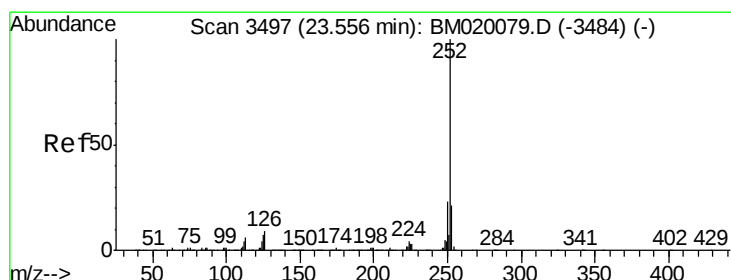
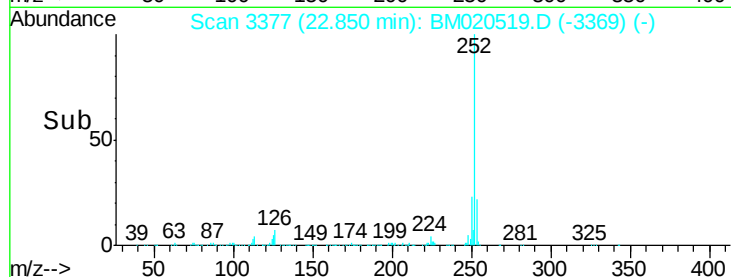
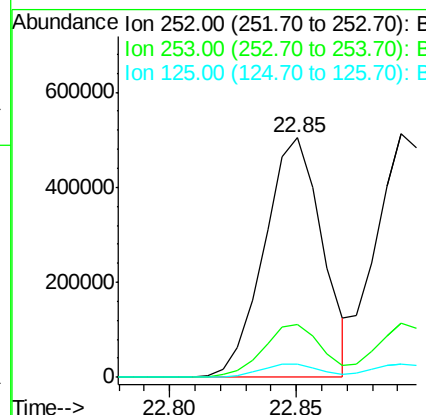
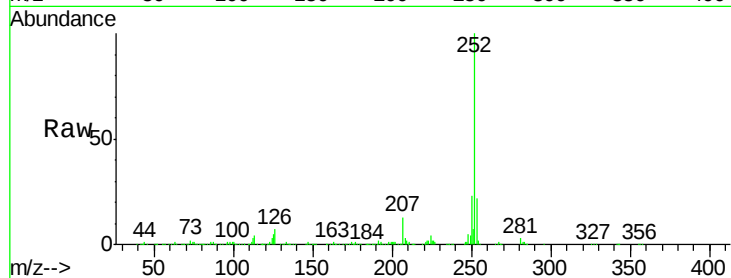




#89
Benzo(k)fluoranthene
Concen: 37.869 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.05 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

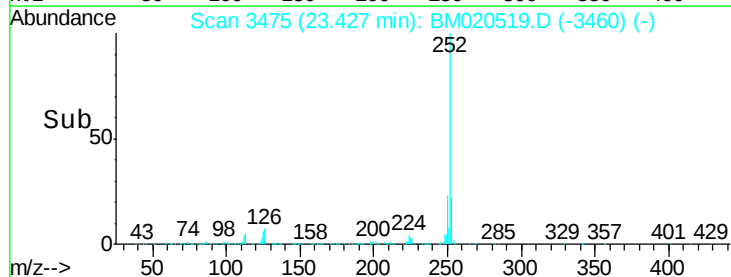
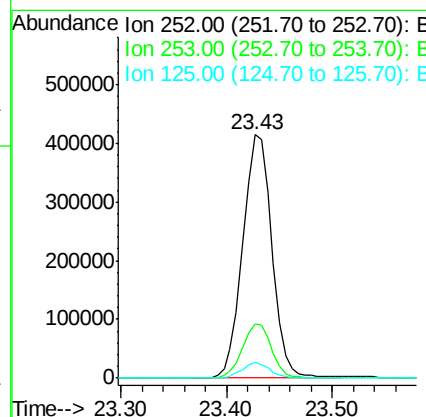
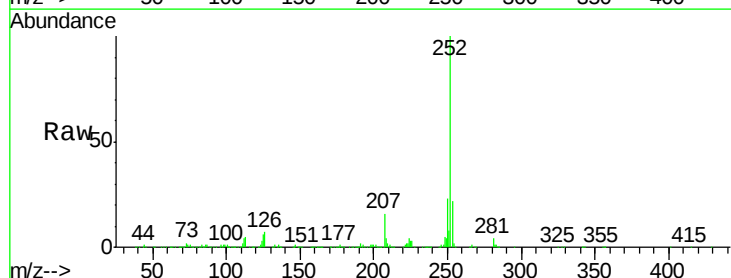
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

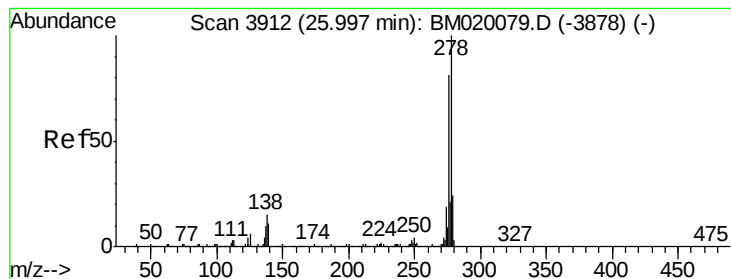
Tgt Ion: 252 Resp: 800255
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.4 5.4 8.0



#90
Benzo(a)pyrene
Concen: 37.688 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020519.D
Acq: 23 May 2019 17:08

Tgt Ion: 252 Resp: 793059
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 6.3 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 38.849 ng

RT: 25.81 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

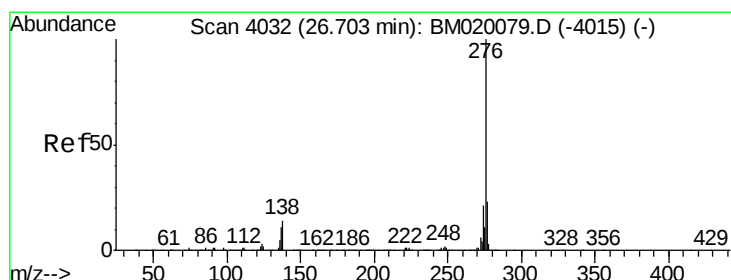
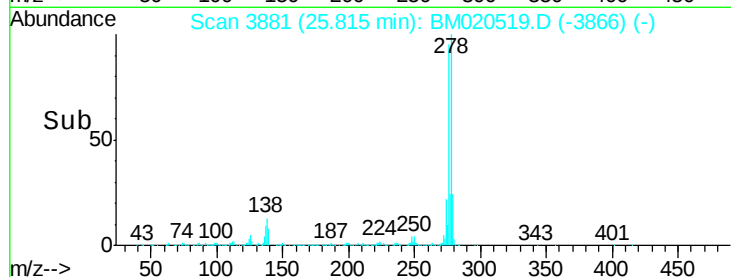
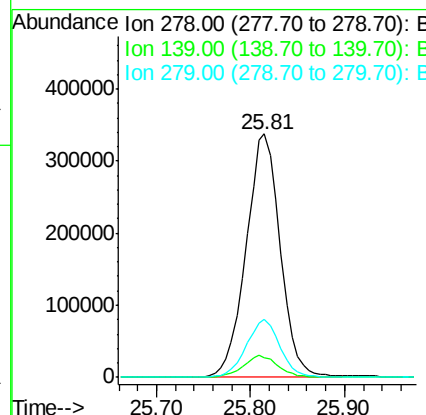
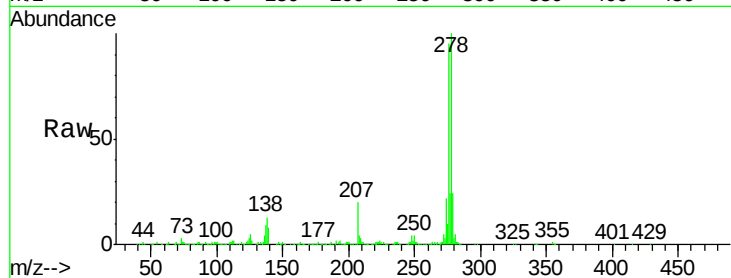
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tgt Ion:	278	Resp:	850162
Ion Ratio	Lower	Upper	
278	100		
139	7.8	8.6	13.0#
279	23.8	18.8	28.2



#92

Benzo(g,h,i)perylene

Concen: 40.050 ng

RT: 26.51 min Scan# 3999

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Tgt Ion:	276	Resp:	832102
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.4	27.6
138	11.3	11.1	16.7

