

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

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

Quant Time: May 24 02:07:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	45875	30.180	ng	# 87
3) Pyridine	3.58	79	92250	23.730	ng	# 89
4) n-Nitrosodimethylamine	3.50	42	34243	27.469	ng	# 45
6) Aniline	7.01	93	86247	16.182	ng	92
8) 2-Chlorophenol	7.23	128	121773	36.085	ng	95
9) Benzaldehyde	6.83	77	86474	26.984	ng	90
10) Phenol	6.87	94	173089	37.974	ng	85
11) bis(2-Chloroethyl)ether	7.11	93	114606	34.594	ng	90
12) 1,3-Dichlorobenzene	7.56	146	136802	34.842	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	139197	35.094	ng	94
14) 1,2-Dichlorobenzene	8.02	146	132600	35.090	ng	97
15) Benzyl Alcohol	7.92	79	113329	27.758	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	76943	28.010	ng	88
17) 2-Methylphenol	8.12	107	101595	34.625	ng	94
18) Hexachloroethane	8.73	117	52013	31.450	ng	89
19) n-Nitroso-di-n-propylamine	8.48	70	103394	28.543	ng	94
20) 3+4-Methylphenols	8.45	107	132580	33.998	ng	94
22) Acetophenone	8.50	105	183298	39.717	ng	# 94
24) Nitrobenzene	8.89	77	158515	35.743	ng	93
25) Isophorone	9.40	82	267575	36.276	ng	98
26) 2-Nitrophenol	9.59	139	56664	42.322	ng	93
27) 2,4-Dimethylphenol	9.65	122	95533	42.859	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	144013	35.849	ng	97
29) 2,4-Dichlorophenol	10.12	162	114485	40.732	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	141353	40.872	ng	98
31) Naphthalene	10.51	128	332069	37.894	ng	99
32) Benzoic acid	9.77	122	39237	27.944	ng	92
33) 4-Chloroaniline	10.65	127	38216	10.596	ng	95
34) Hexachlorobutadiene	10.77	225	98415	40.226	ng	99
35) Caprolactam	11.45	113	26415	31.430	ng	95
36) 4-Chloro-3-methylphenol	11.77	107	115574	34.991	ng	89
37) 2-Methylnaphthalene	12.13	142	239004	37.411	ng	96
38) 1-Methylnaphthalene	12.35	142	227436	36.406	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	170610	44.271	ng	# 96

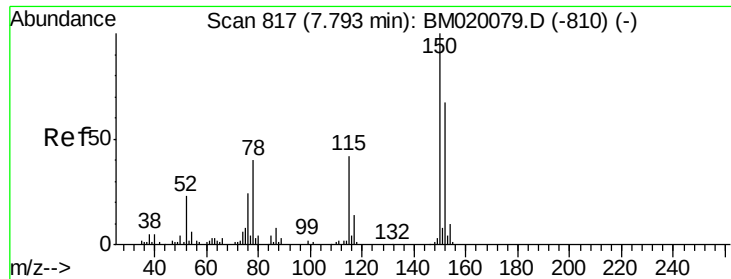
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020518.D
 Acq On : 23 May 2019 16:32
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	145556	64.147	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	102908	46.986	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	104949	42.893	ng	94
46) 1,1'-Biphenyl	13.16	154	314801	38.828	ng	99
47) 2-Chloronaphthalene	13.20	162	255833	39.521	ng	97
48) 2-Nitroaniline	13.43	65	66394	28.810	ng	89
49) Acenaphthylene	14.05	152	384079	37.074	ng	99
50) Dimethylphthalate	13.79	163	405086	48.387	ng	100
51) 2,6-Dinitrotoluene	13.93	165	66175	37.529	ng	87
52) Acenaphthene	14.39	154	223975	37.701	ng	99
53) 3-Nitroaniline	14.26	138	23935	14.625	ng	95
54) 2,4-Dinitrophenol	14.48	184	66337	75.626	ng	# 84
55) Dibenzofuran	14.73	168	390045	38.923	ng	95
56) 4-Nitrophenol	14.57	139	89811	64.320	ng	92
57) 2,4-Dinitrotoluene	14.72	165	89685	37.432	ng	# 95
58) Fluorene	15.39	166	304762	37.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	103941	44.703	ng	# 90
60) Diethylphthalate	15.16	149	297273	35.245	ng	98
61) 4-Chlorophenyl-phenylether	15.38	204	189287	40.593	ng	91
62) 4-Nitroaniline	15.43	138	41174	22.798	ng	91
63) Azobenzene	15.67	77	320084	32.168	ng	94
65) 4,6-Dinitro-2-methylphenol	15.49	198	47382	39.978	ng	91
66) n-Nitrosodiphenylamine	15.60	169	265373	37.042	ng	98
67) 4-Bromophenyl-phenylether	16.27	248	116804	39.124	ng	92
68) Hexachlorobenzene	16.38	284	139224	40.524	ng	# 94
69) Atrazine	16.56	200	95959	34.275	ng	93
70) Pentachlorophenol	16.73	266	159302	81.041	ng	98
71) Phenanthrene	17.13	178	492312	36.632	ng	99
72) Anthracene	17.22	178	488932	36.387	ng	99
73) Carbazole	17.50	167	424794	35.036	ng	98
74) Di-n-butylphthalate	18.04	149	468359	32.099	ng	98
75) Fluoranthene	19.15	202	637471	37.489	ng	99
77) Benzidine	19.35	184	108094	11.966	ng	100
78) Pyrene	19.52	202	654749	34.514	ng	99
80) Butylbenzylphthalate	20.42	149	209398	30.353	ng	96
81) Benzo(a)anthracene	21.27	228	681341	34.384	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	136481	18.046	ng	# 99
83) Chrysene	21.32	228	688159	35.808	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	329599	30.790	ng	99
85) Di-n-octyl phthalate	22.06	149	590584	33.193	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.81	276	944174	41.304	ng	# 100
88) Benzo(b)fluoranthene	22.89	252	724097	33.431	ng	98
89) Benzo(k)fluoranthene	22.89	252	749378	37.928	ng	99
90) Benzo(a)pyrene	23.43	252	743309	37.781	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	809374	39.558	ng	98
92) Benzo(g,h,i)perylene	26.51	276	791500	40.746	ng	98

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

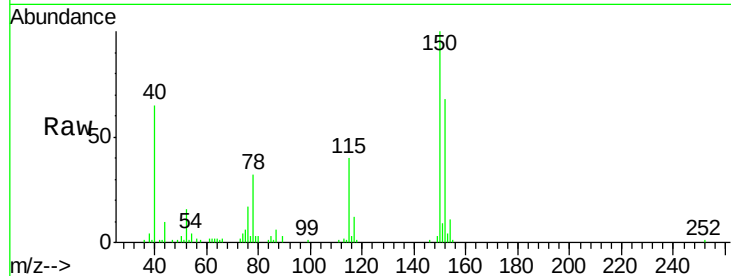


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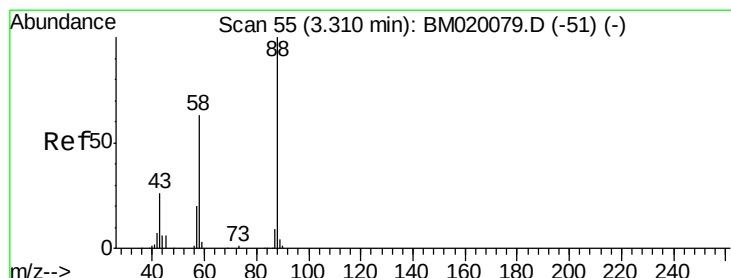
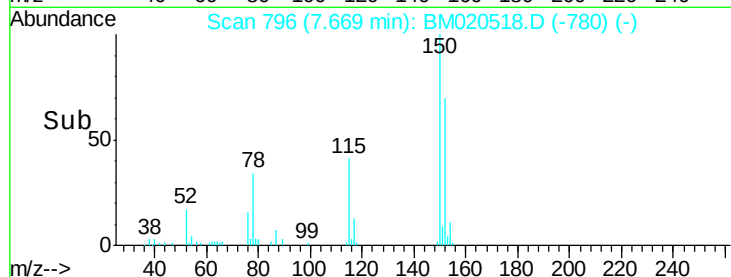
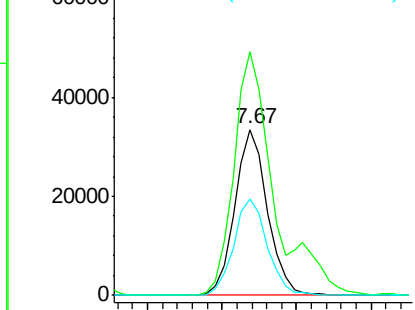
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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

Tgt Ion:152 Resp: 50660
Ion Ratio Lower Upper
152 100
150 146.8 119.8 179.8
115 58.4 50.8 76.2



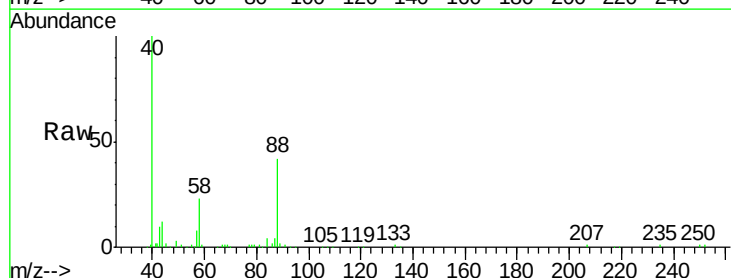
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



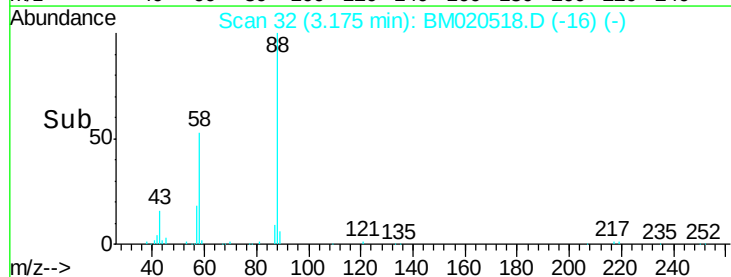
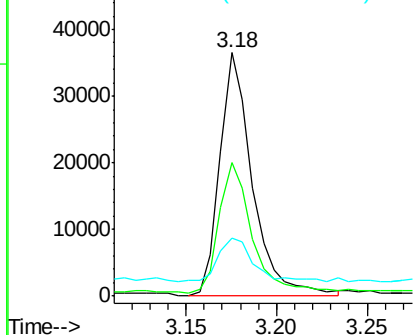
#2

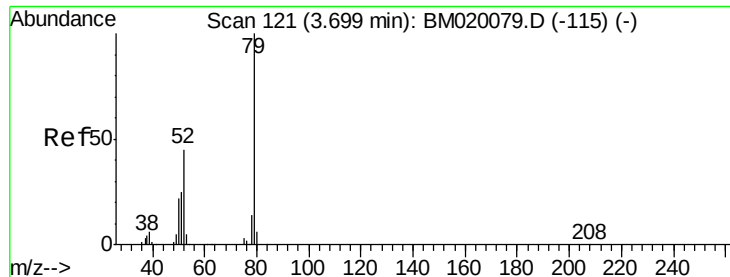
1,4-Dioxane
Concen: 30.180 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion: 88 Resp: 45875
Ion Ratio Lower Upper
88 100
58 54.4 51.8 77.6
43 19.9 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: 23.730 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

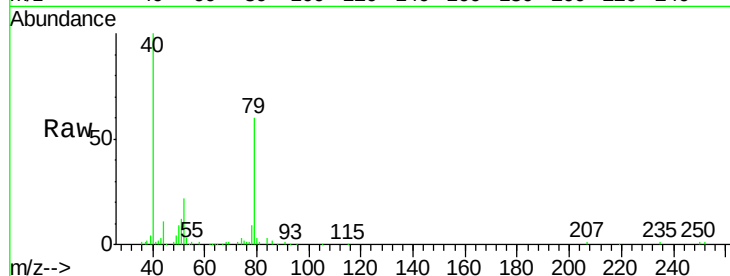
Tgt Ion: 79 Resp: 92250

Ion Ratio Lower Upper

79 100

52 37.0 35.7 53.5

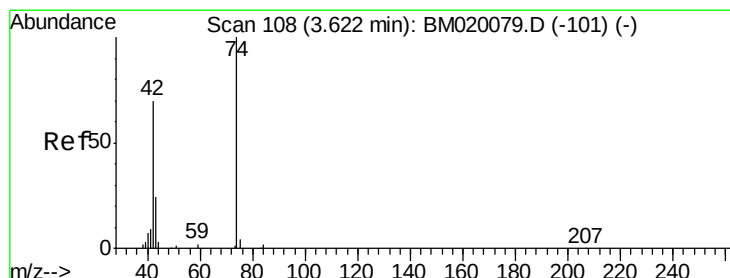
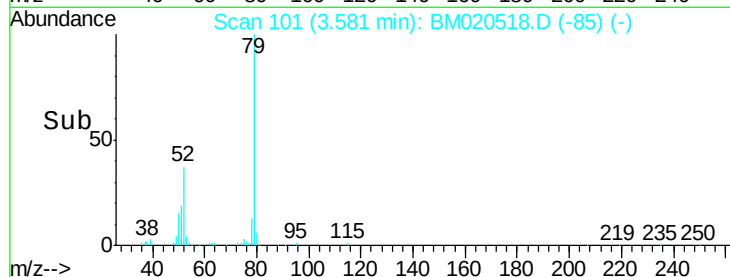
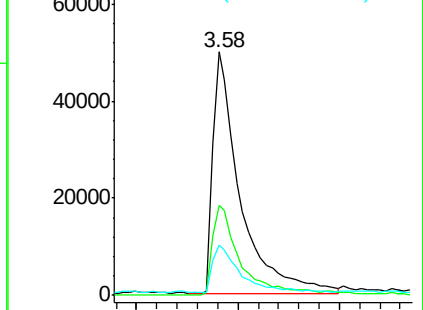
51 20.6 20.8 31.2#



Abundance Ion 79.00 (78.70 to 79.70): BM020518.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020518.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020518.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 27.469 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

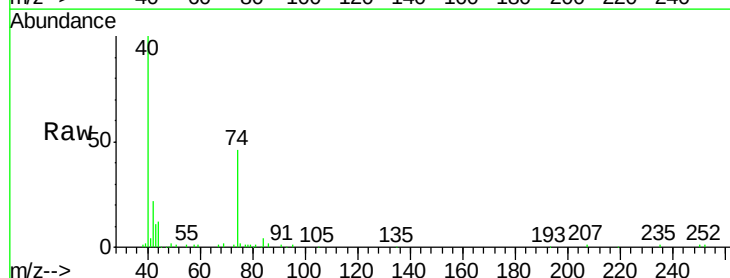
Tgt Ion: 42 Resp: 34243

Ion Ratio Lower Upper

42 100

74 205.2 113.7 170.5#

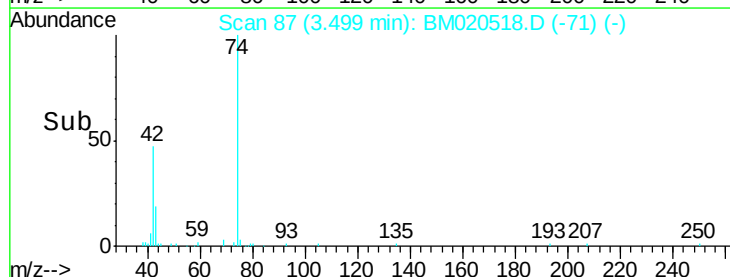
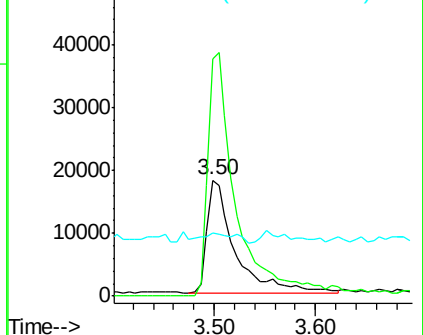
44 55.0 3.9 5.9#

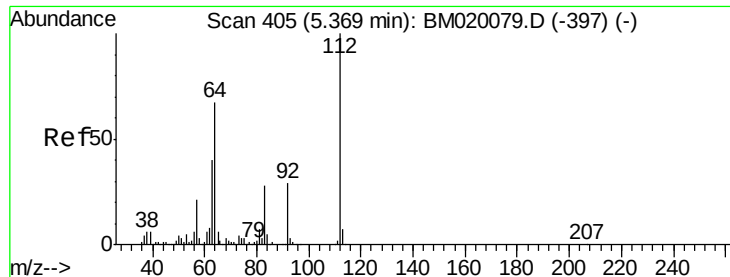


Abundance Ion 42.00 (41.70 to 42.70): BM020518.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020518.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020518.D (-101) (-)





#5

2-Fluorophenol

Concen: 114.319 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

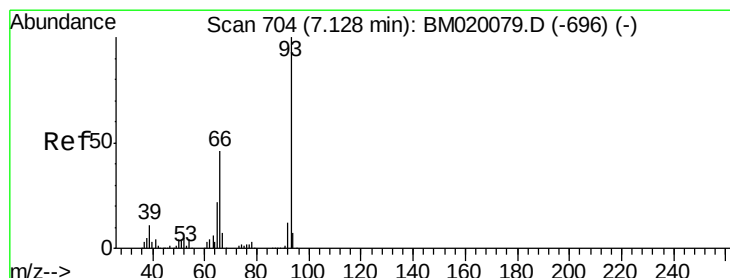
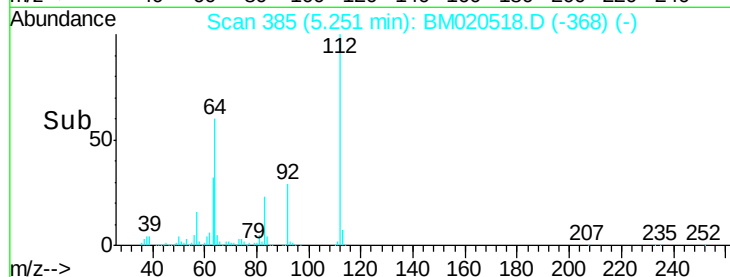
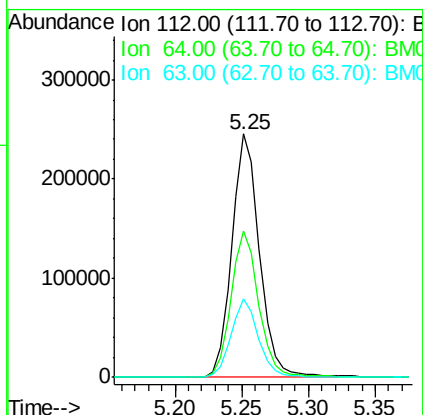
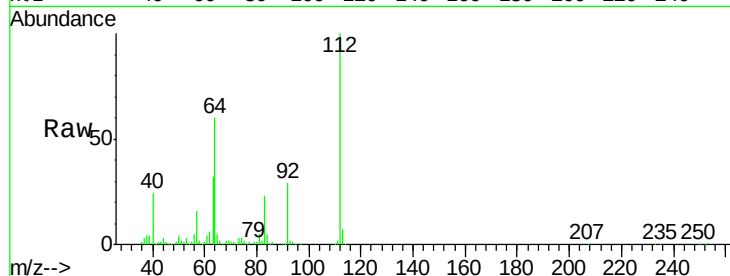
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

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



#6

Aniline

Concen: 16.182 ng

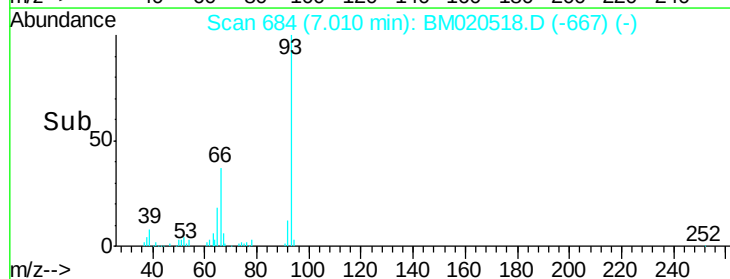
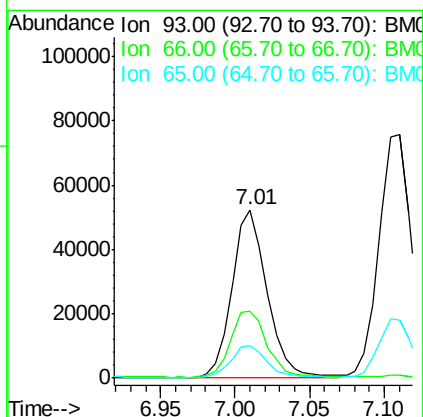
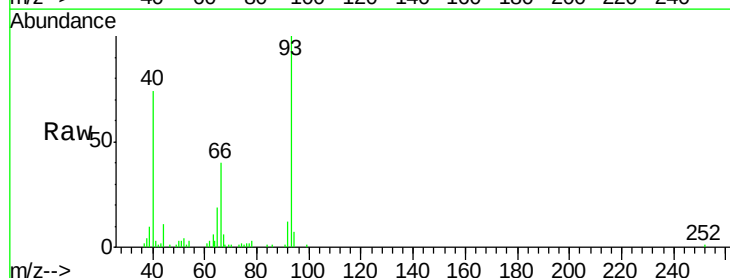
RT: 7.01 min Scan# 684

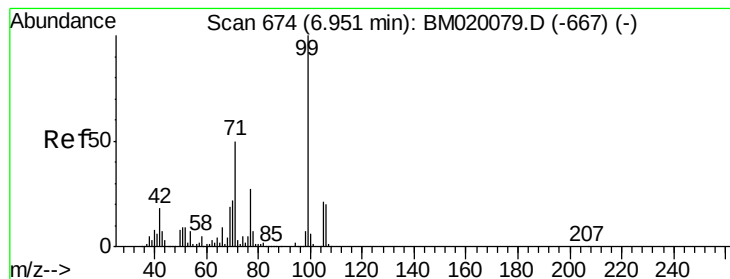
Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

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





#7

Phenol-d6

Concen: 111.282 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

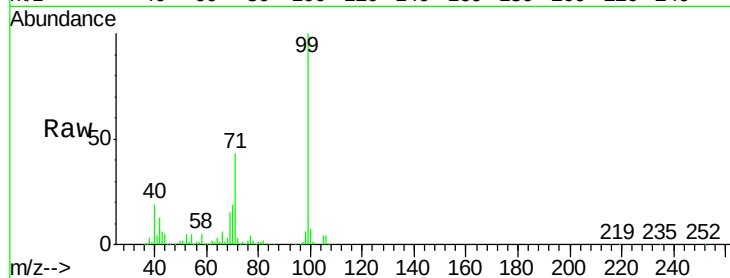
Tgt Ion: 99 Resp: 471170

Ion Ratio Lower Upper

99 100

42 12.6 14.2 21.2#

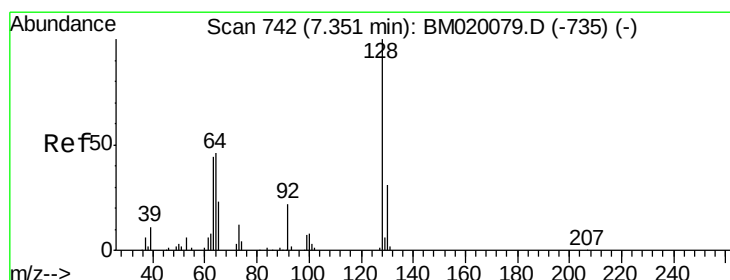
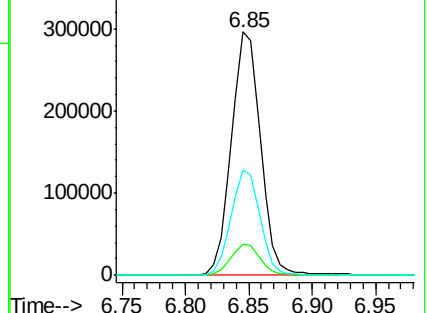
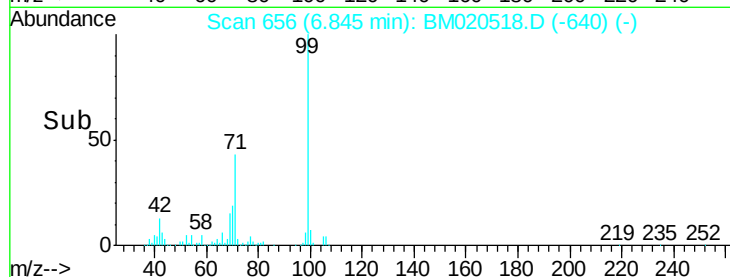
71 43.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020518.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020518.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020518.D (-640) (-)



#8

2-Chlorophenol

Concen: 36.085 ng

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

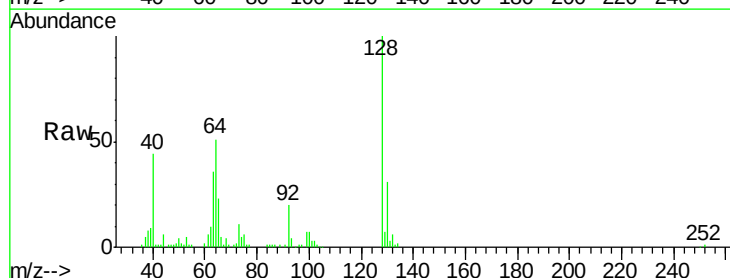
Tgt Ion: 128 Resp: 121773

Ion Ratio Lower Upper

128 100

130 31.2 10.8 50.8

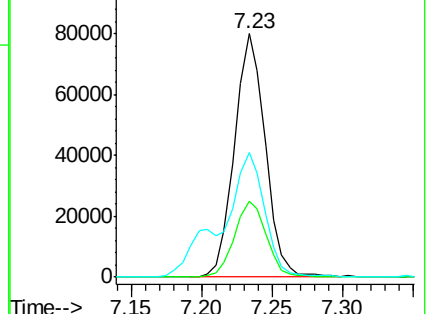
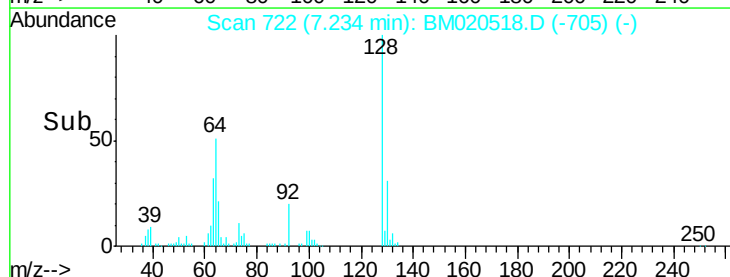
64 51.1 36.5 76.5

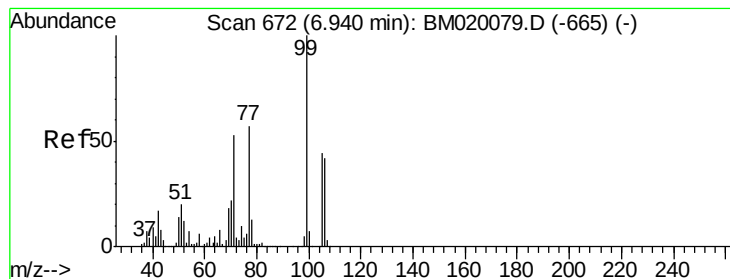


Abundance Ion 128.00 (127.70 to 128.70): BM020518.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM020518.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM020518.D (-705) (-)





#9

Benzaldehyde

Concen: 26.984 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

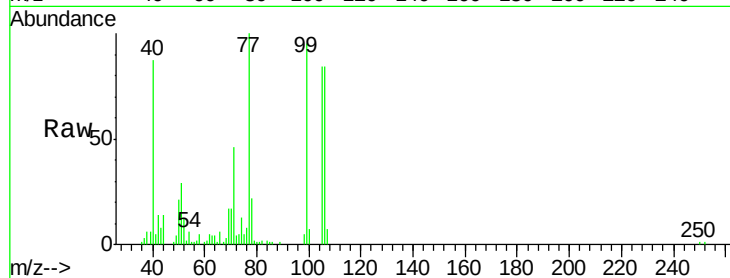
Tgt Ion: 77 Resp: 86474

Ion Ratio Lower Upper

77 100

105 84.4 57.8 97.8

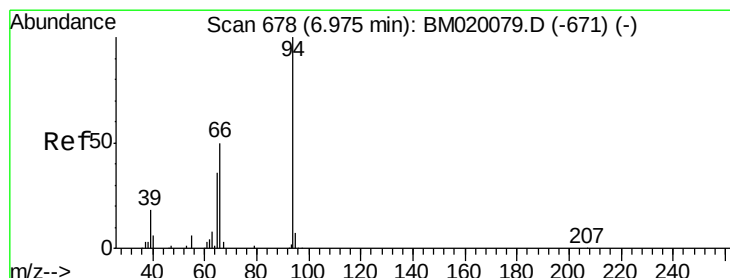
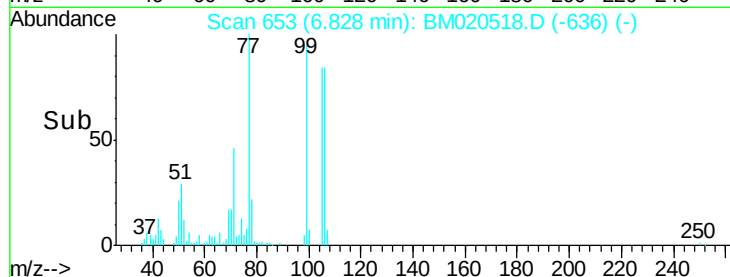
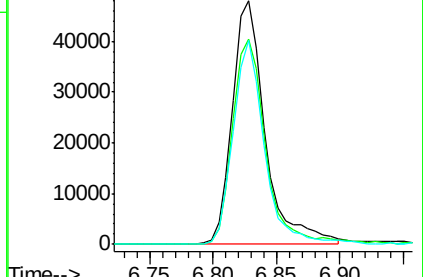
106 83.9 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020518.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM020518.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM020518.D (-636) (-)



#10

Phenol

Concen: 37.974 ng

RT: 6.87 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

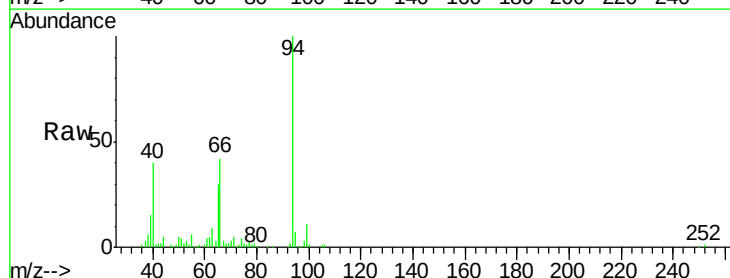
Tgt Ion: 94 Resp: 173089

Ion Ratio Lower Upper

94 100

65 29.8 17.0 57.0

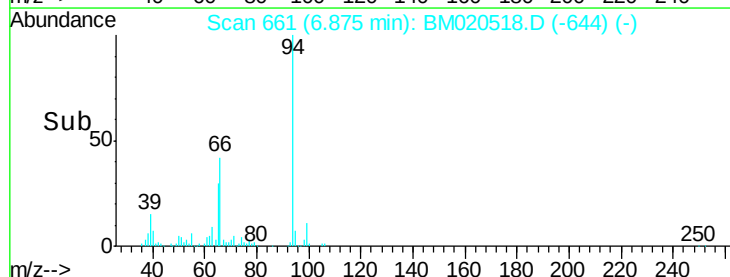
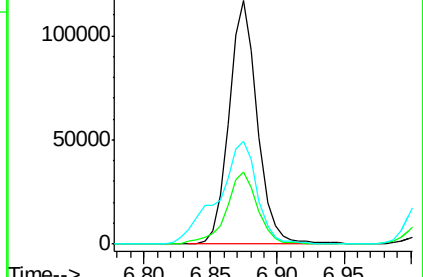
66 42.4 34.5 74.5

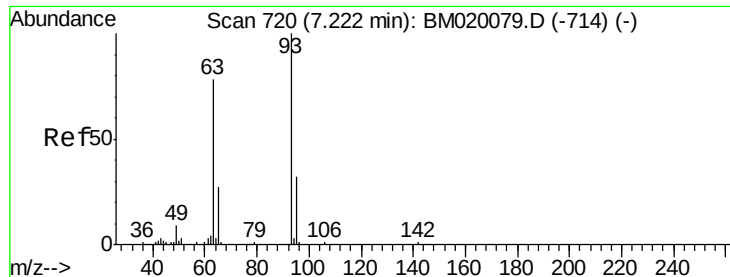


Abundance Ion 94.00 (93.70 to 94.70): BM020518.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM020518.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM020518.D (-644) (-)

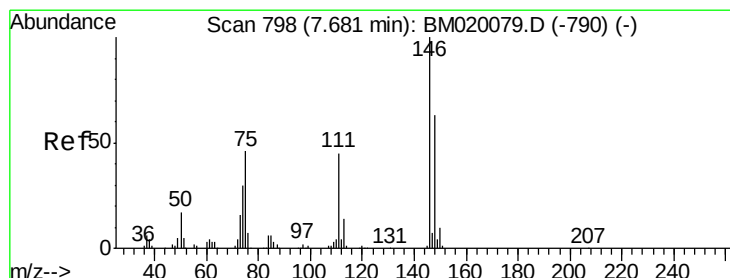
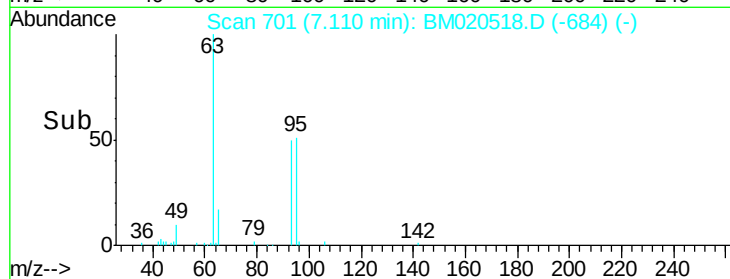
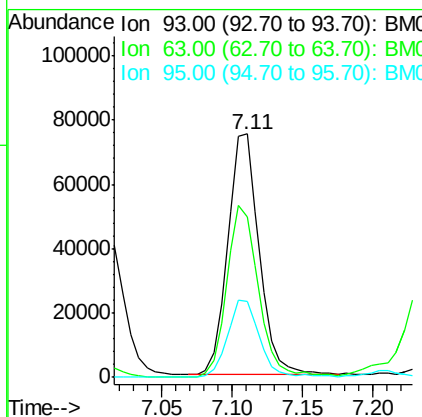
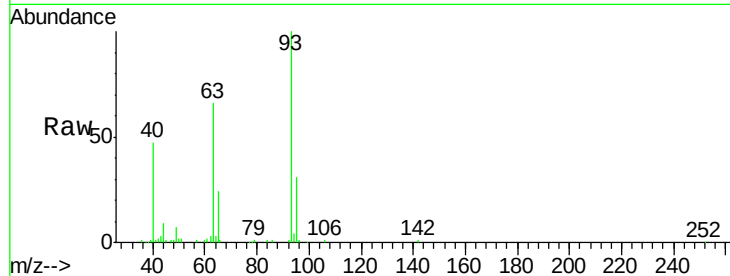




#11
 bis(2-Chloroethyl)ether
 Concen: 34.594 ng
 RT: 7.11 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

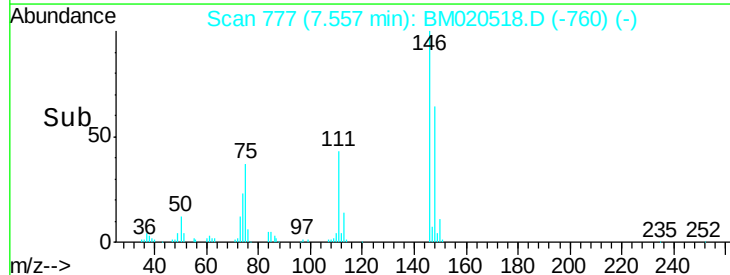
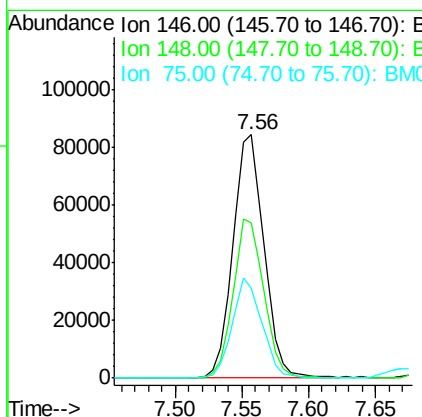
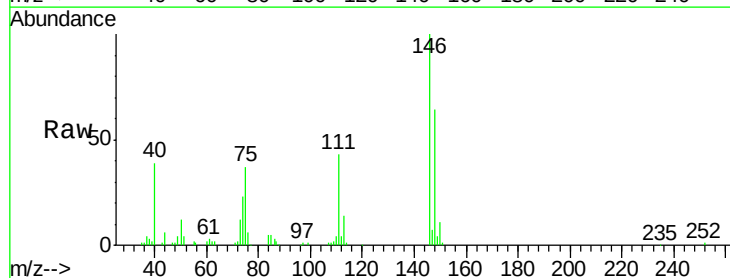
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

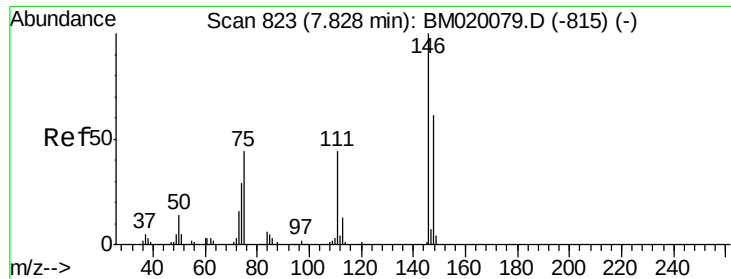
Tgt Ion: 93 Resp: 114606
 Ion Ratio Lower Upper
 93 100
 63 66.0 57.9 97.9
 95 31.4 11.3 51.3



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

Tgt Ion: 146 Resp: 136802
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.1 75.1
 75 36.9 37.2 55.8#

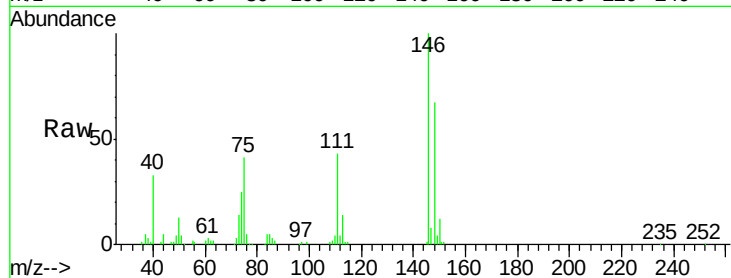




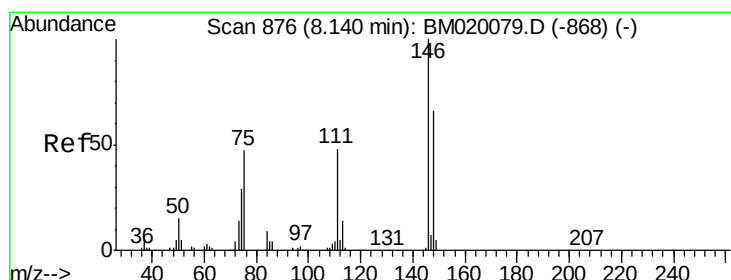
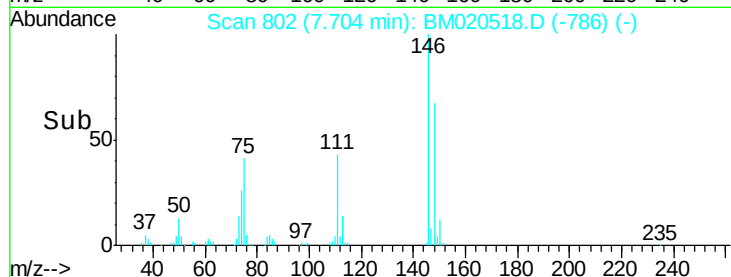
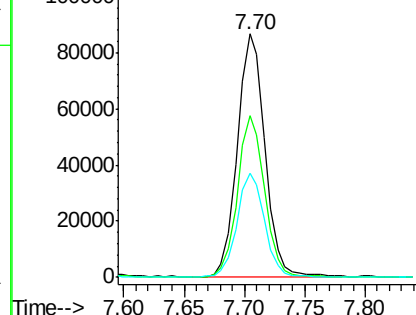
#13
 1,4-Dichlorobenzene
 Concen: 35.094 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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

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

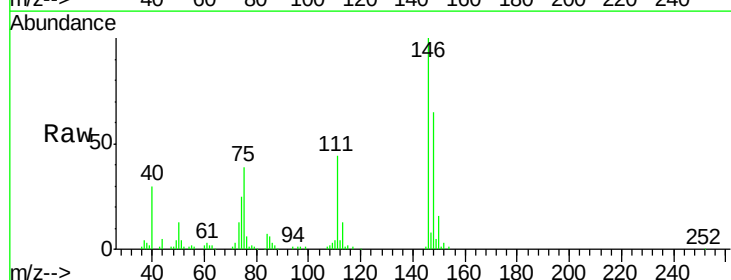


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

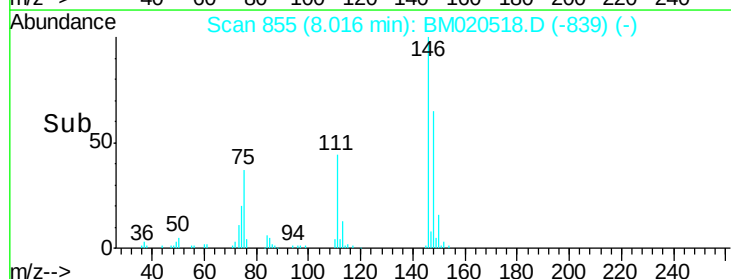
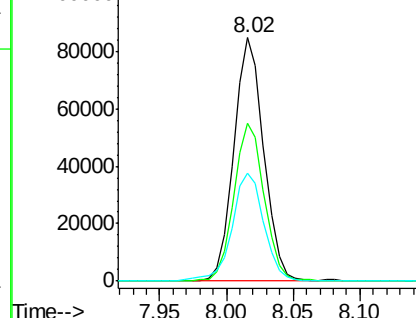


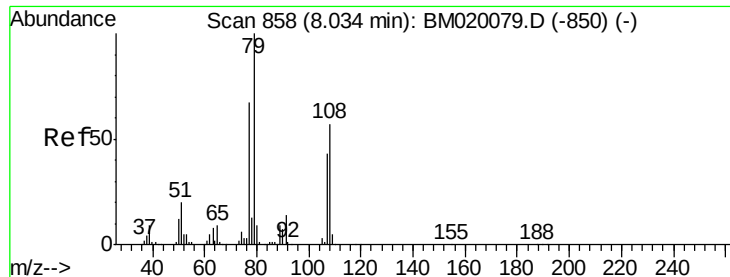
#14
 1,2-Dichlorobenzene
 Concen: 35.090 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.758 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

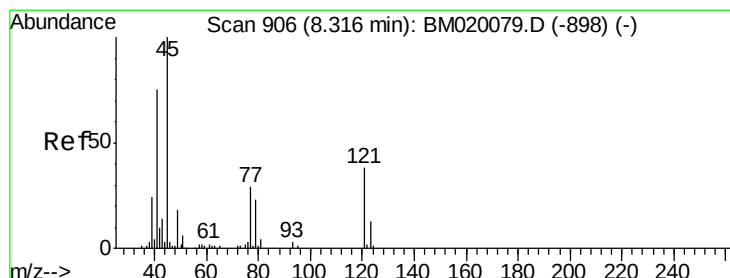
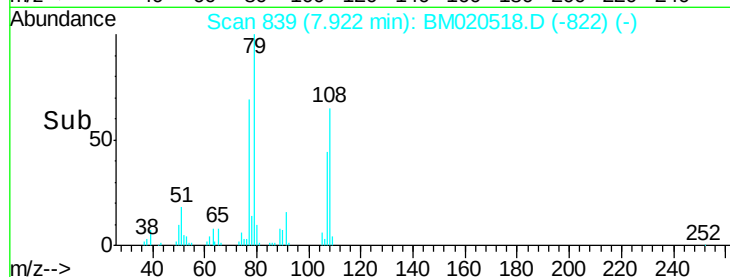
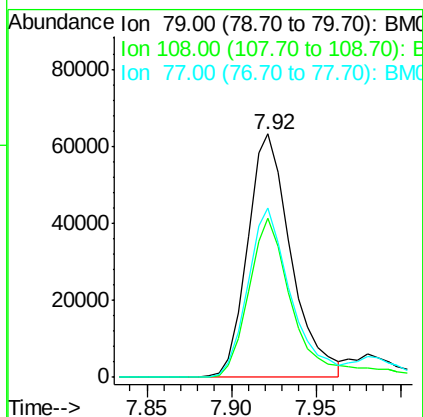
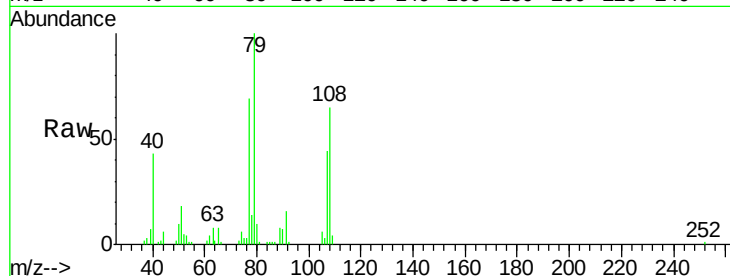
Tgt Ion: 79 Resp: 113329

Ion Ratio Lower Upper

79 100

108 65.1 46.0 69.0

77 69.3 53.8 80.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.010 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

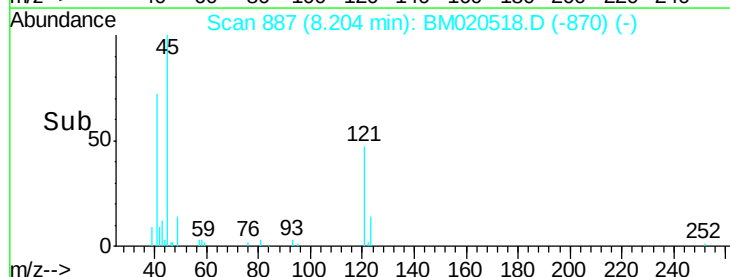
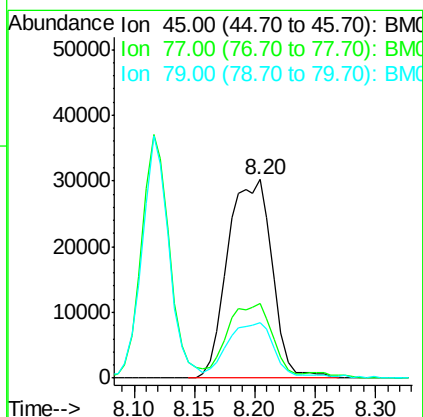
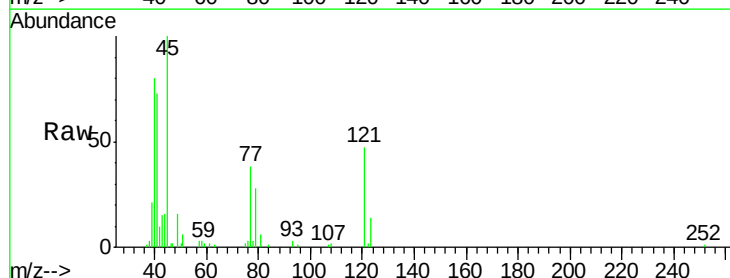
Tgt Ion: 45 Resp: 76943

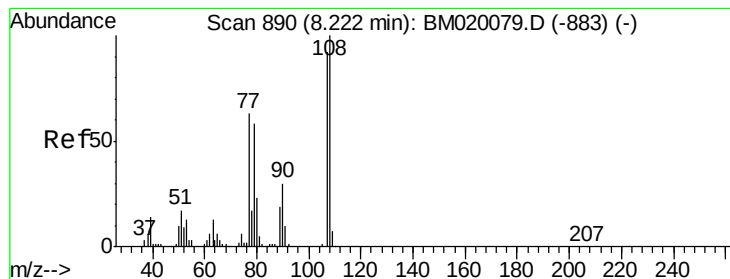
Ion Ratio Lower Upper

45 100

77 37.6 10.5 50.5

79 28.0 3.3 43.3





#17

2-Methylphenol

Concen: 34.625 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

Tgt Ion:107 Resp: 101595

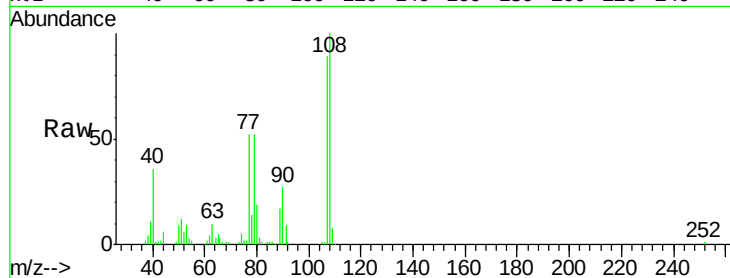
Ion Ratio Lower Upper

107 100

108 112.5 87.0 130.4

77 58.9 54.7 82.1

79 58.5 50.1 75.1

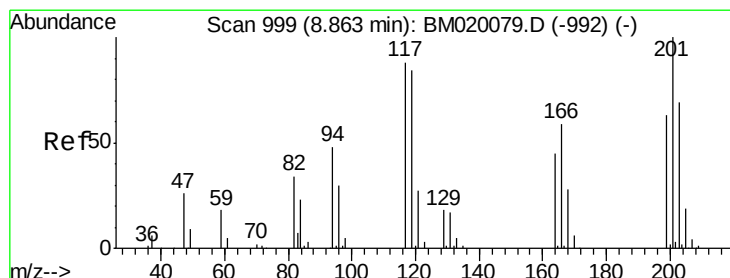
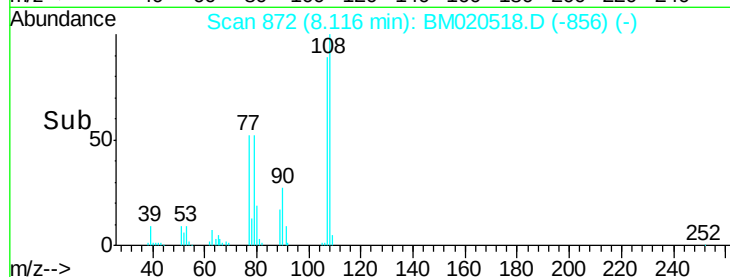
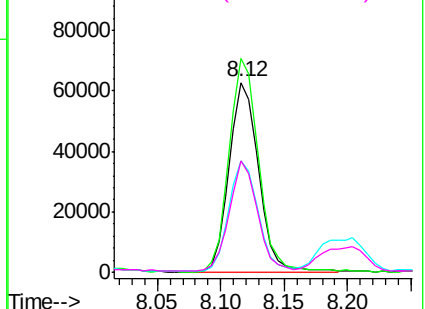


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 31.450 ng

RT: 8.73 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

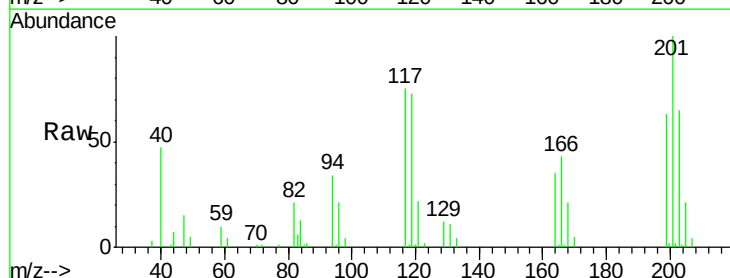
Tgt Ion:117 Resp: 52013

Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

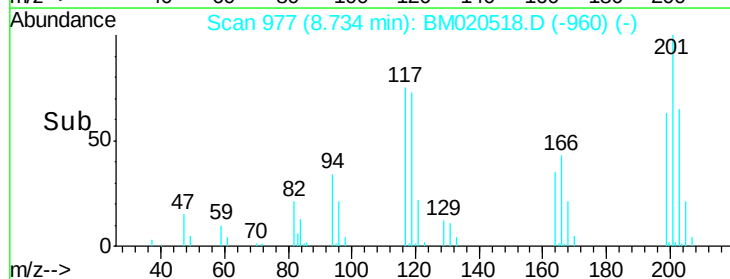
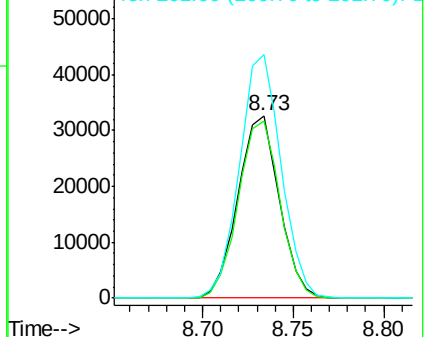
201 133.5 90.7 136.1

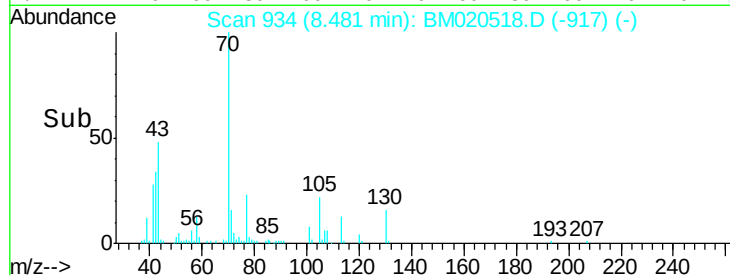
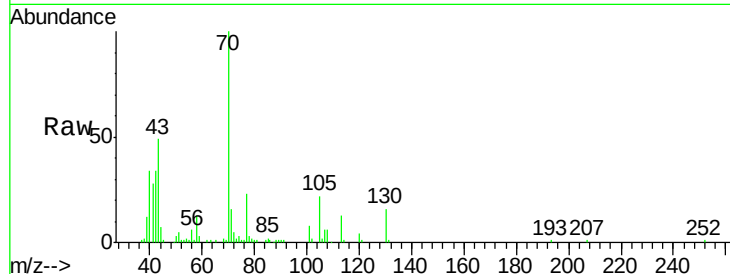
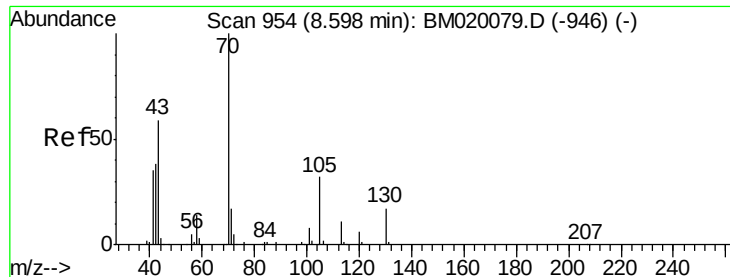


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

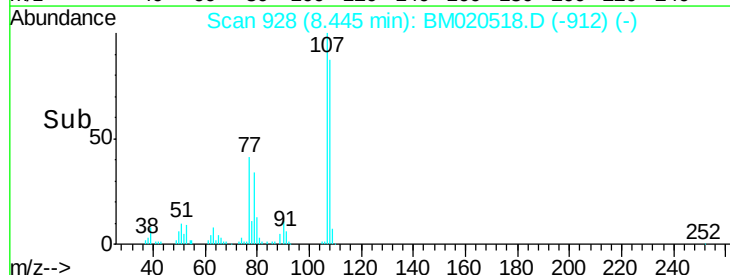
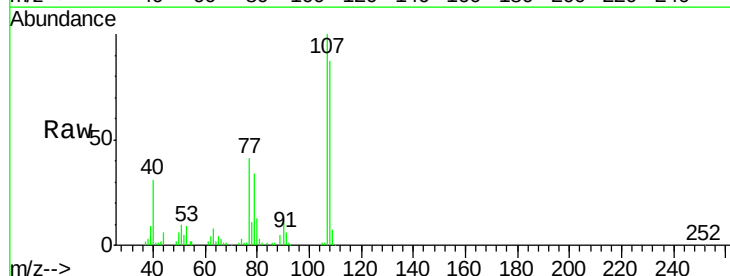
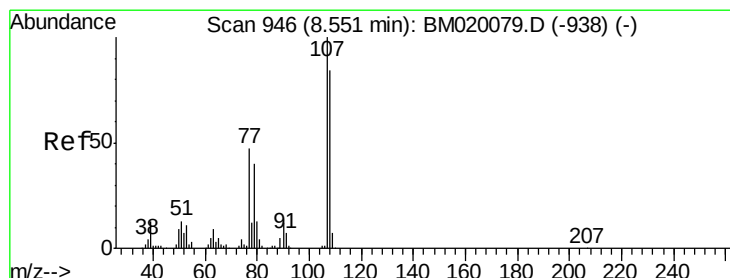
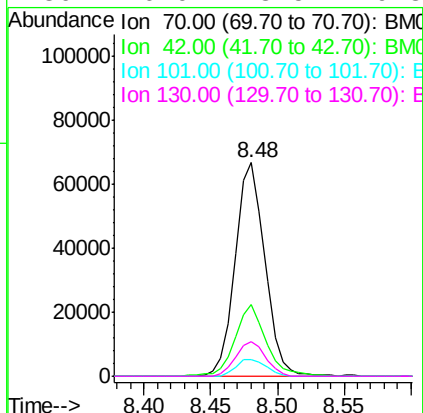




#19
n-Nitroso-di-n-propylamine
Concen: 28.543 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

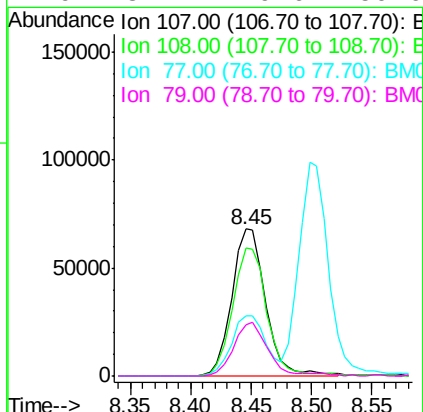
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

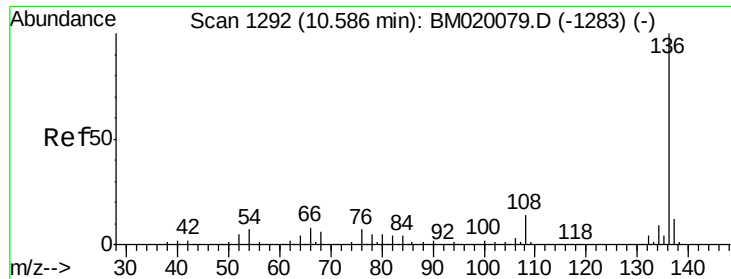
Tgt Ion:	70	Resp:	103394
Ion	Ratio	Lower	Upper
70	100		
42	33.7	31.0	46.4
101	8.0	6.2	9.2
130	16.0	13.5	20.3



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

Tgt Ion:	107	Resp:	132580
Ion	Ratio	Lower	Upper
107	100		
108	87.1	64.4	104.4
77	40.7	27.2	67.2
79	34.4	19.6	59.6

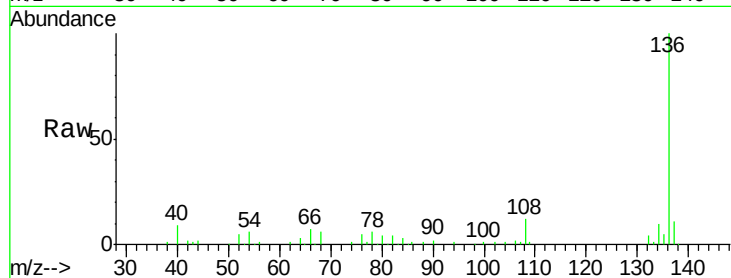




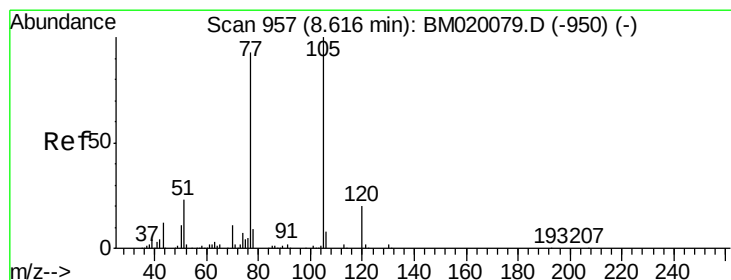
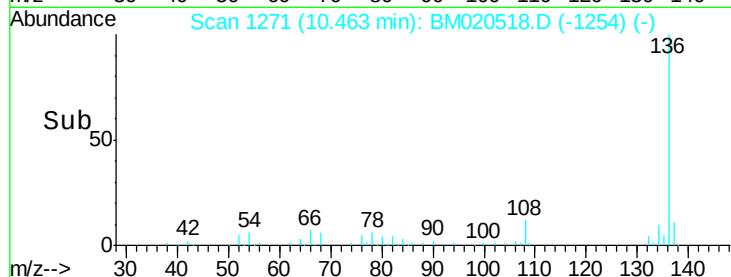
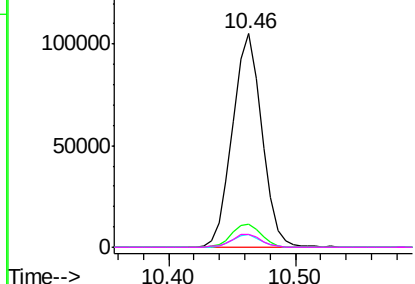
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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

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

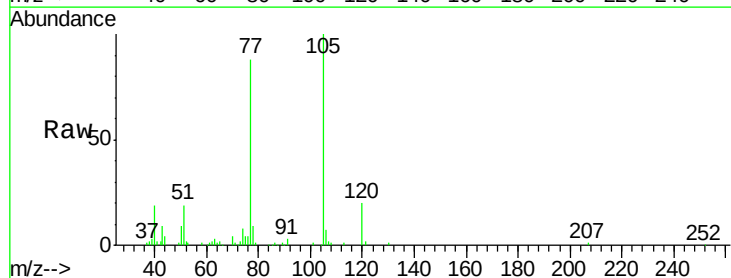


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

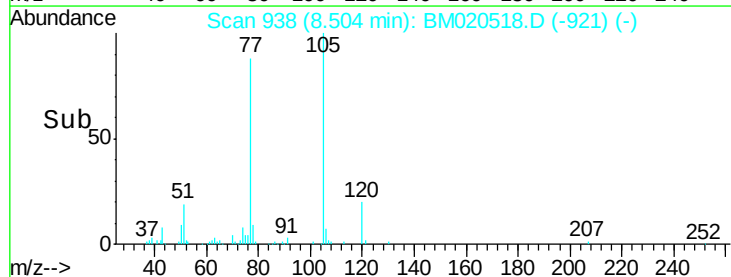
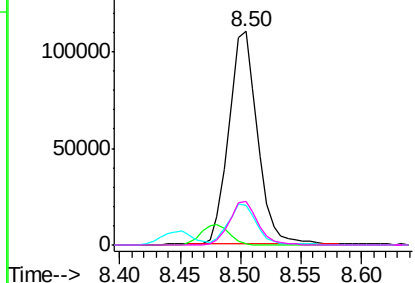


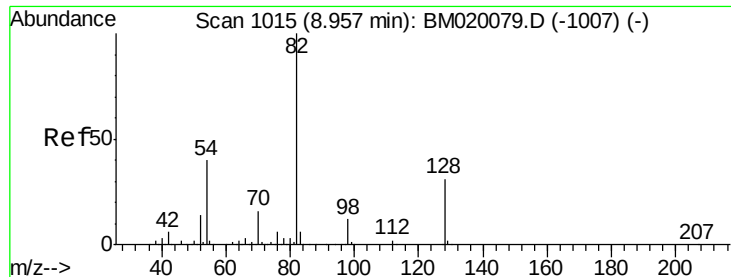
#22
Acetophenone
Concen: 39.717 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

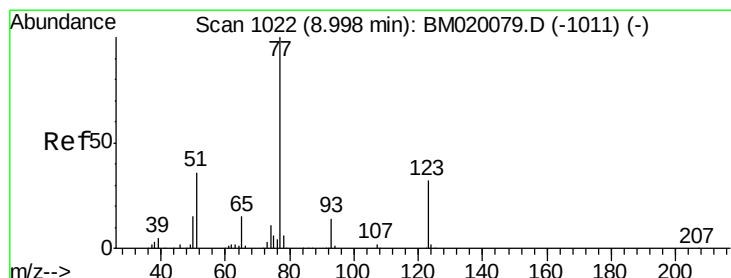
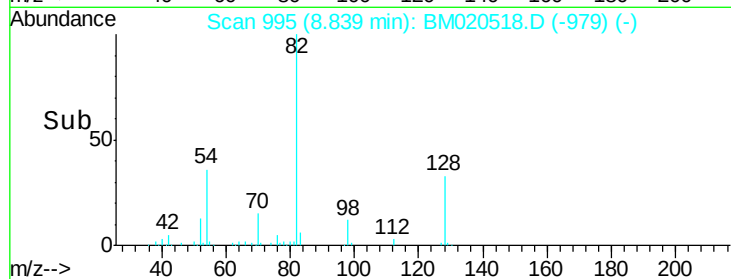
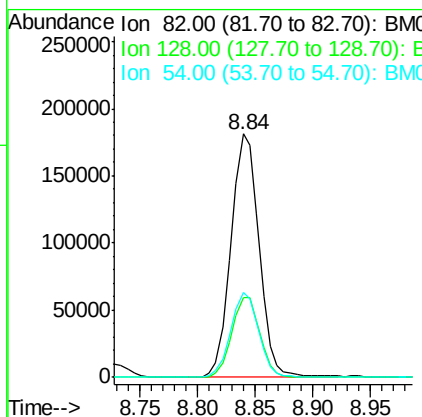
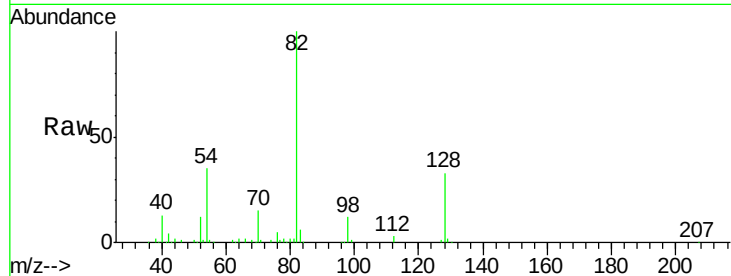




#23
 Nitrobenzene-d5
 Concen: 71.766 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

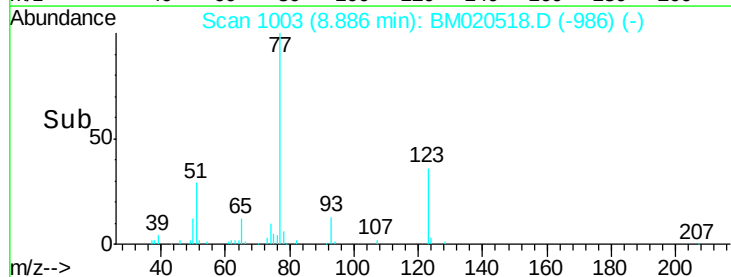
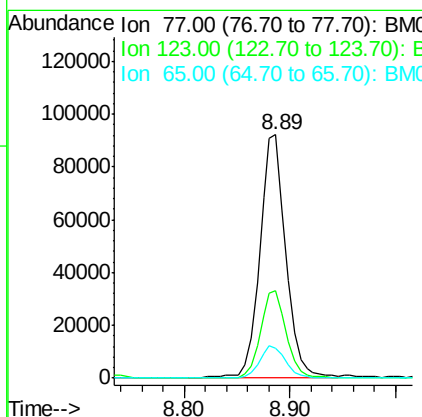
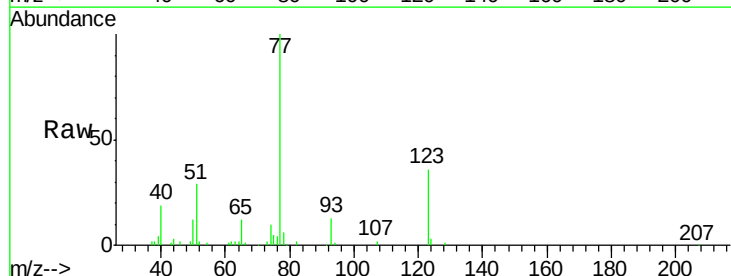
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

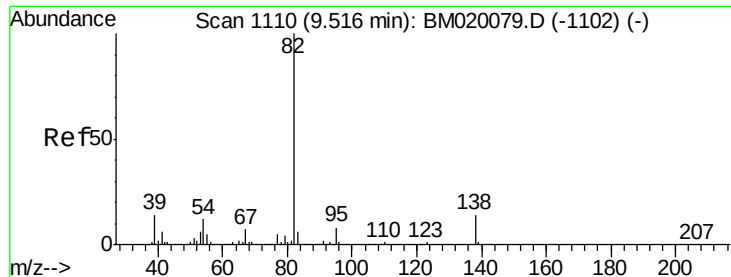
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.2	37.8
54	34.8	31.9	47.9



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

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





#25

Isophorone

Concen: 36.276 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

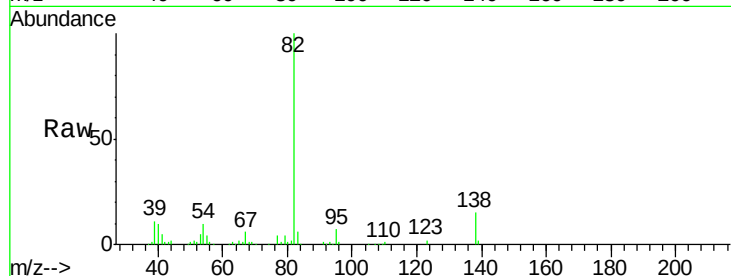
Tgt Ion: 82 Resp: 267575

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

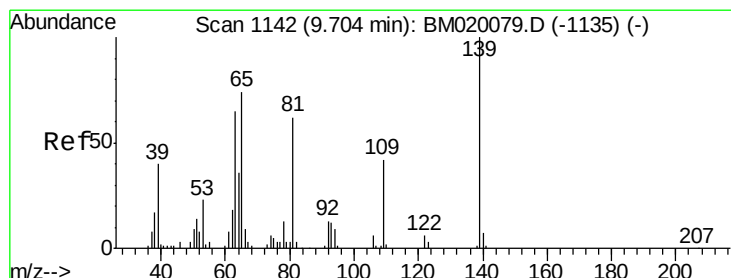
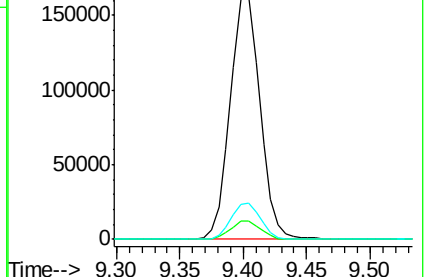
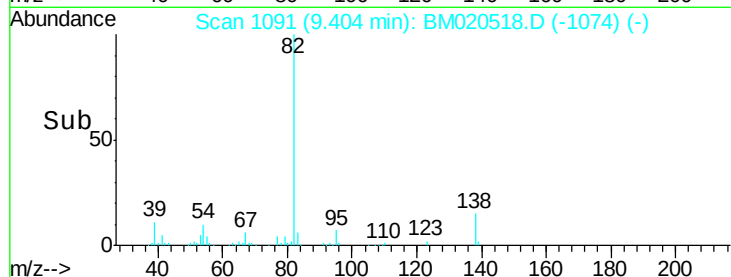
138 14.8 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020518.D (-1074) (-)

Ion 95.00 (94.70 to 95.70): BM020518.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BM020518.D (-1074) (-)



#26

2-Nitrophenol

Concen: 42.322 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

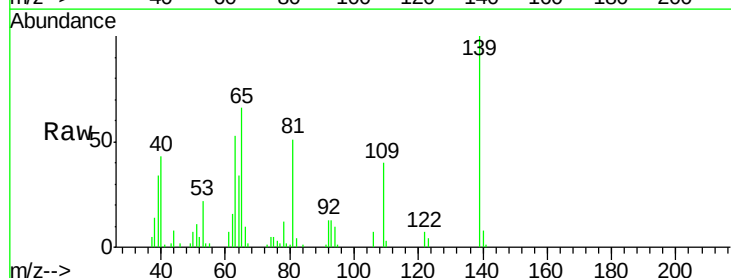
Tgt Ion: 139 Resp: 56664

Ion Ratio Lower Upper

139 100

109 40.0 33.7 50.5

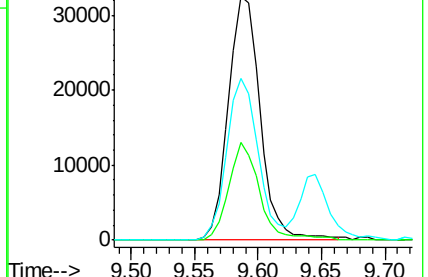
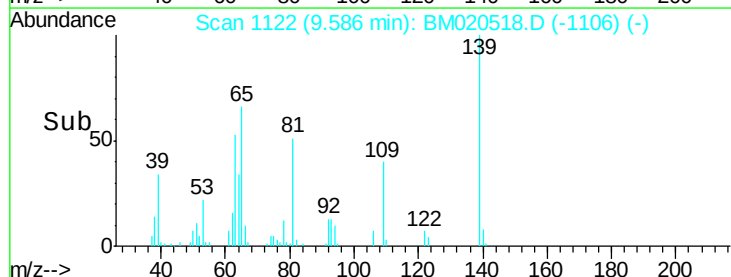
65 66.2 59.5 89.3

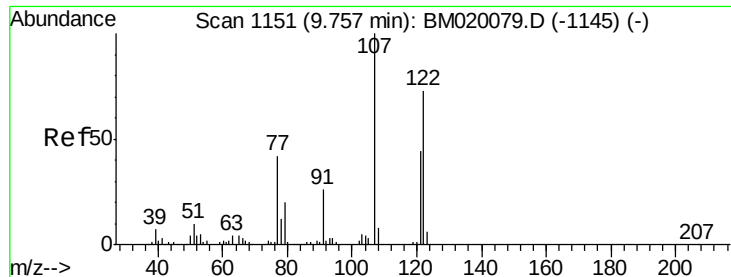


Abundance Ion 139.00 (138.70 to 139.70): BM020518.D (-1106) (-)

Ion 109.00 (108.70 to 109.70): BM020518.D (-1106) (-)

Ion 65.00 (64.70 to 65.70): BM020518.D (-1106) (-)

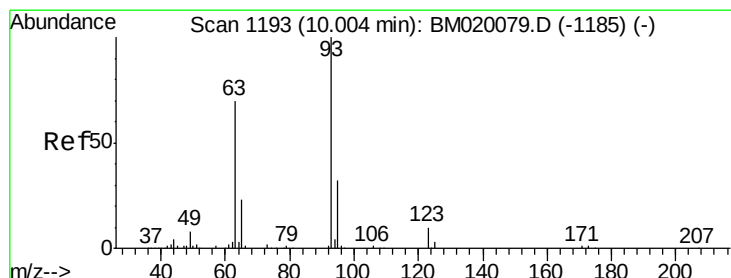
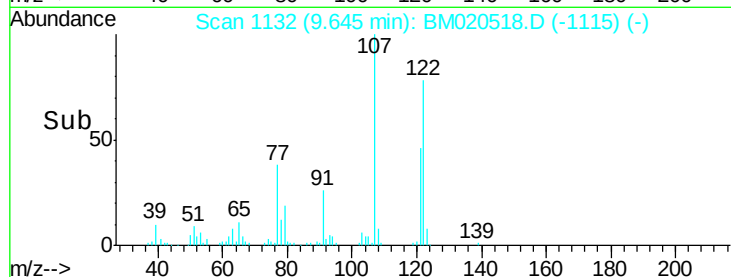
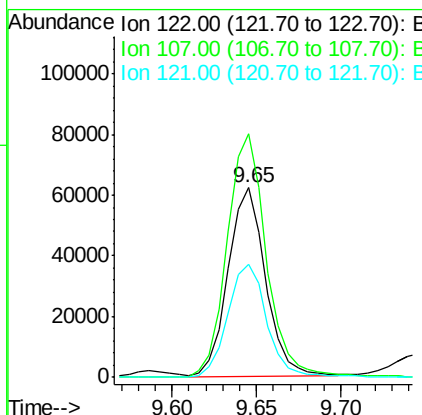
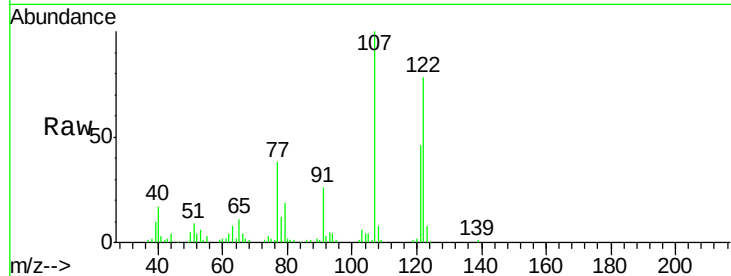




#27
 2,4-Dimethylphenol
 Concen: 42.859 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

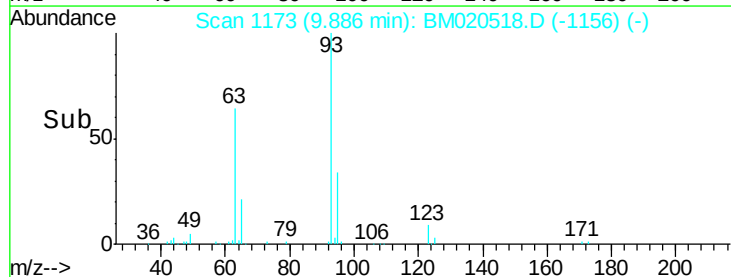
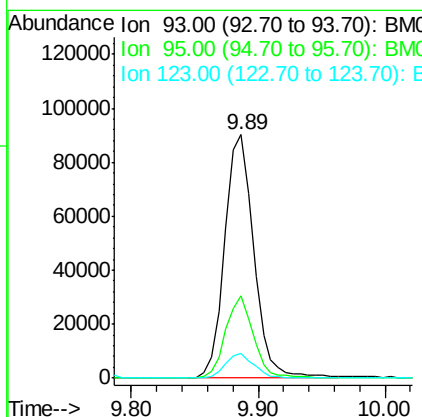
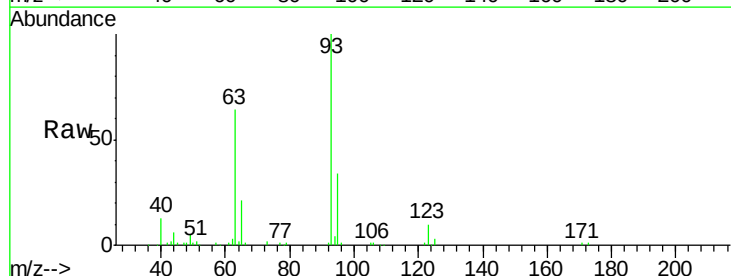
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

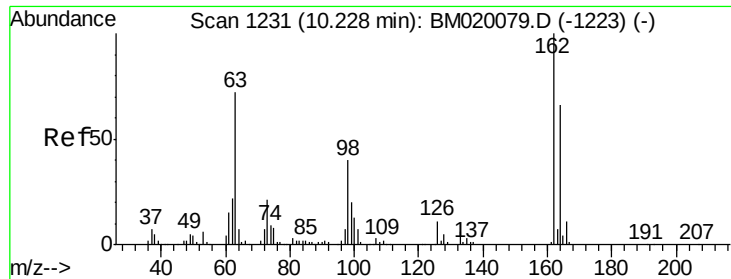
Tgt Ion:122 Resp: 95533
 Ion Ratio Lower Upper
 122 100
 107 128.4 108.6 162.8
 121 59.5 47.4 71.2



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

Tgt Ion: 93 Resp: 144013
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.5 38.3
 123 10.2 7.6 11.4

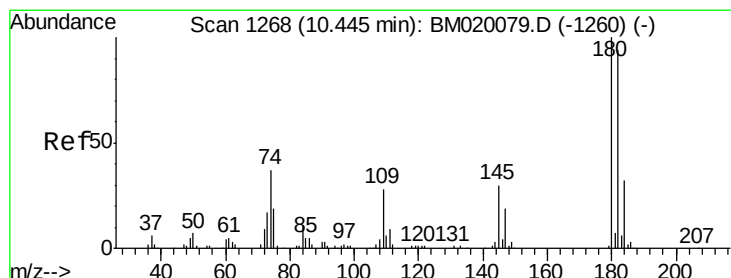
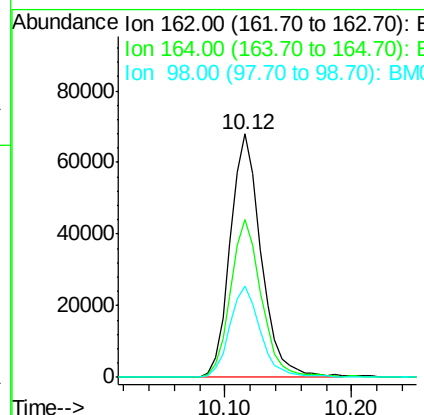
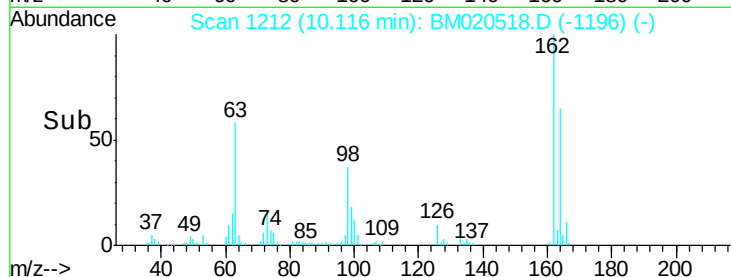
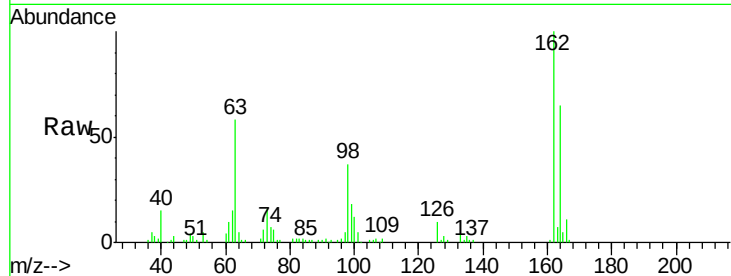




#29
 2,4-Dichlorophenol
 Concen: 40.732 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

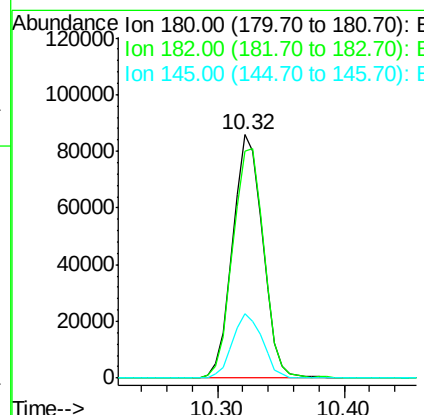
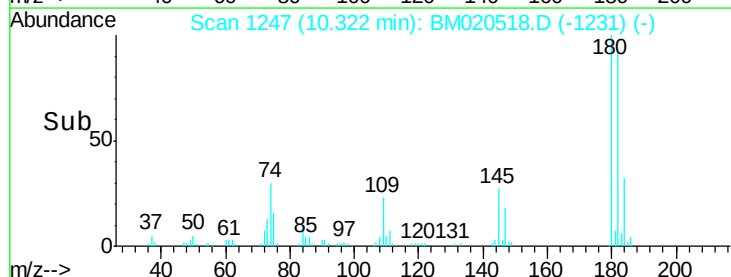
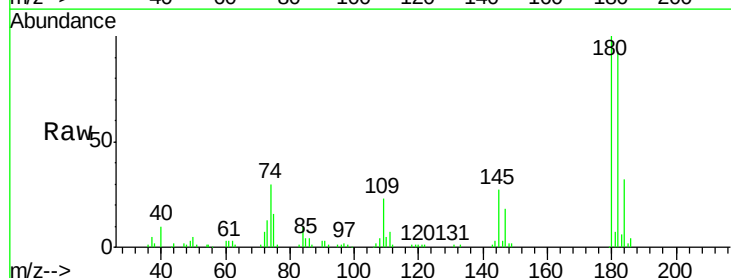
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

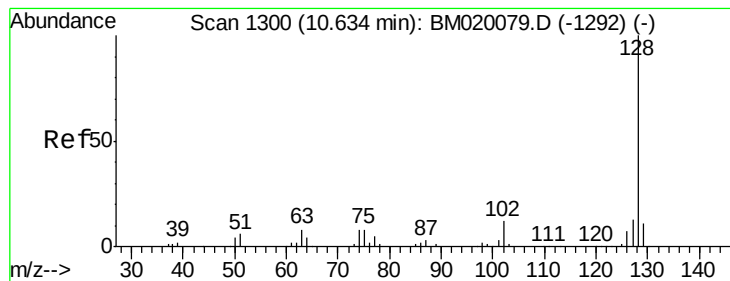
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.6	85.6
98	37.4	20.4	60.4



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

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





#31

Naphthalene

Concen: 37.894 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

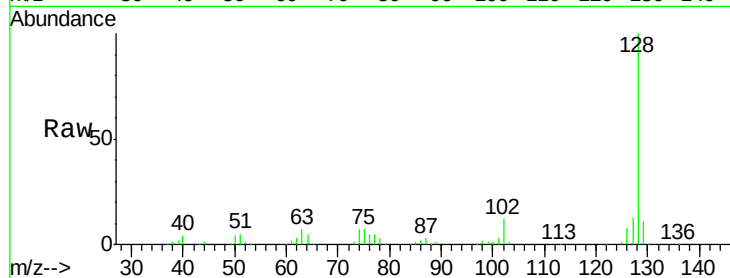
Tgt Ion:128 Resp: 332069

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

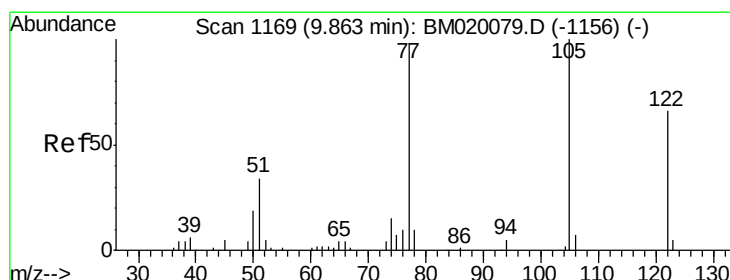
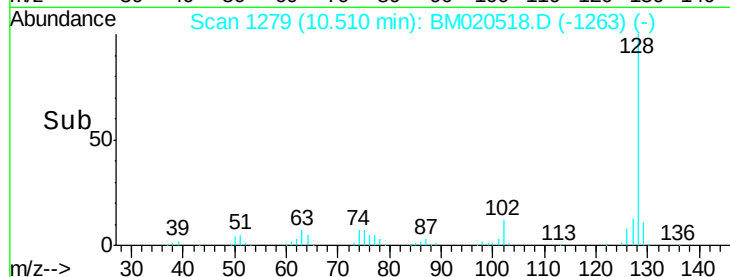
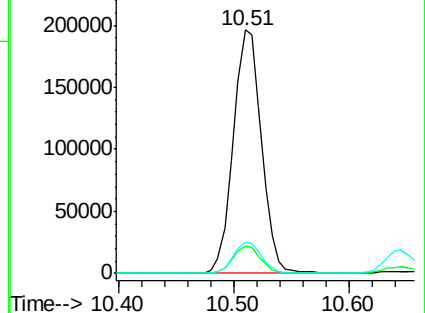
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.944 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

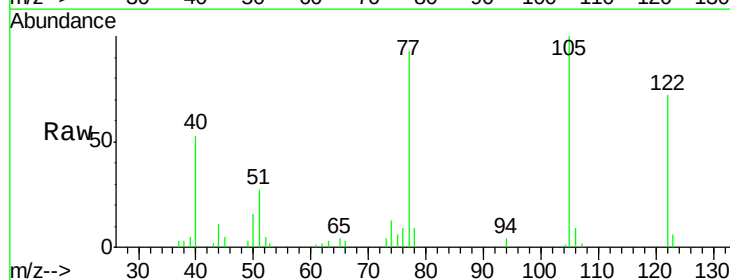
Tgt Ion:122 Resp: 39237

Ion Ratio Lower Upper

122 100

105 138.4 122.5 162.5

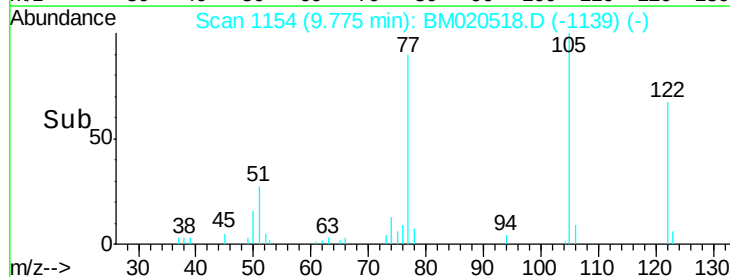
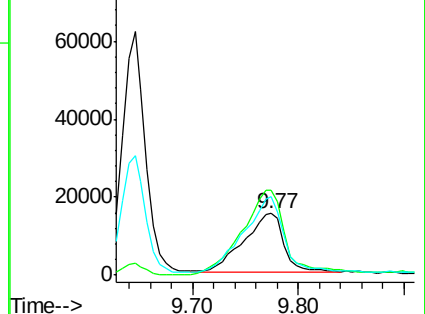
77 128.9 123.3 163.3

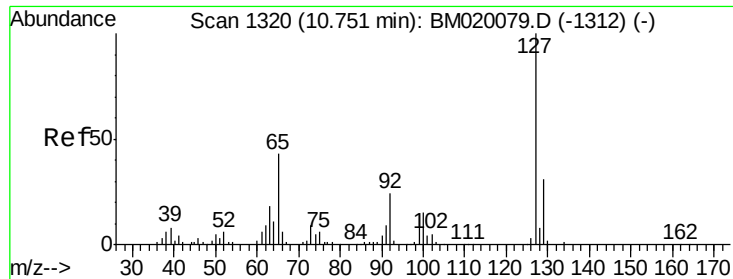


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

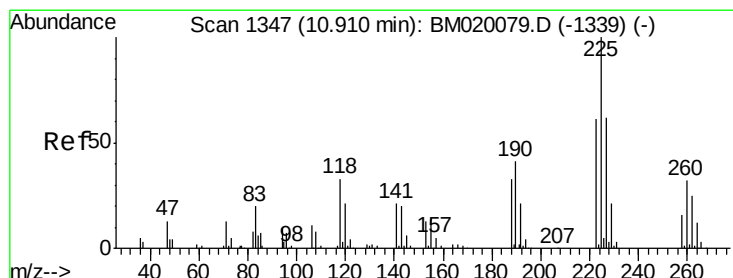
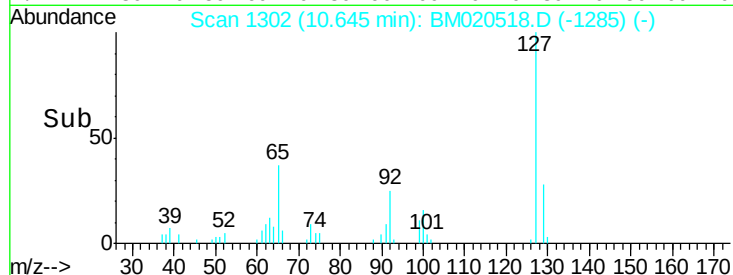
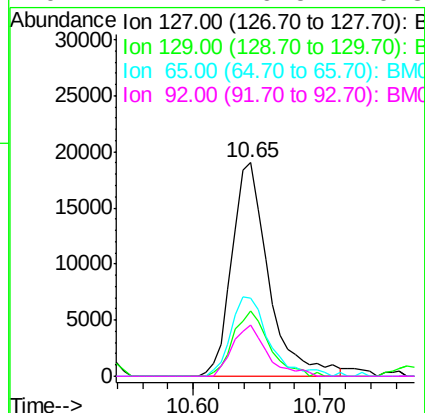
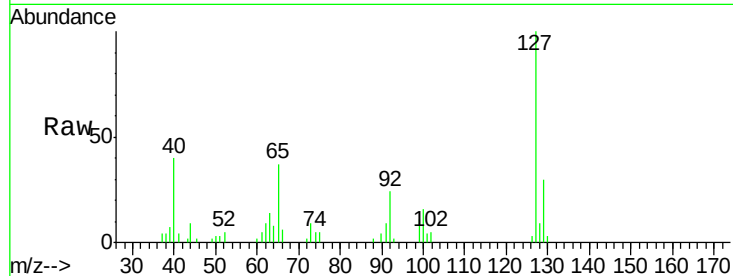




#33
4-Chloroaniline
Concen: 10.596 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

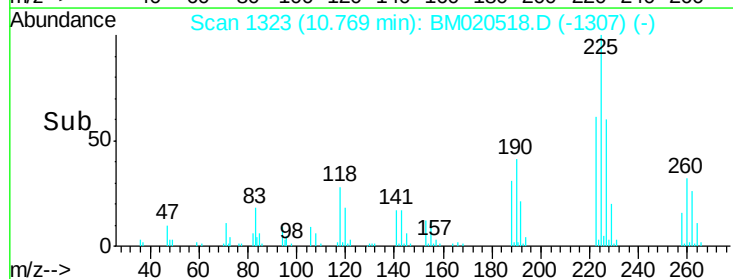
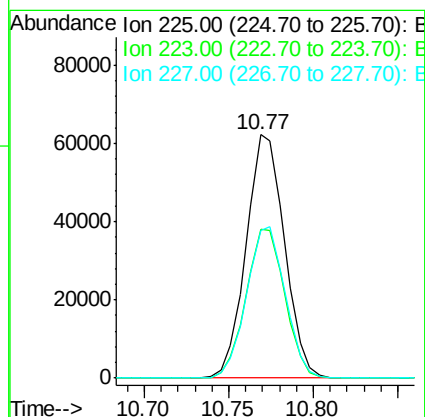
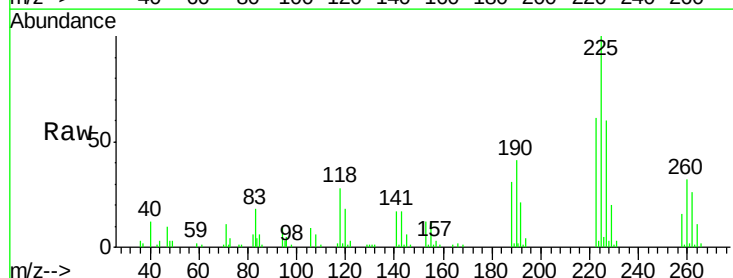
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

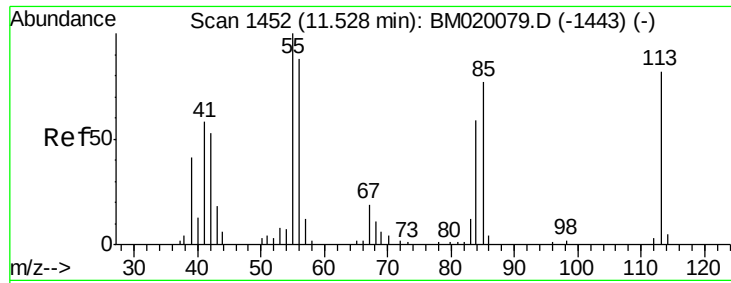
Tgt Ion:	127	Resp:	38216
Ion	Ratio	Lower	Upper
127	100		
129	30.5	24.7	37.1
65	36.6	34.6	52.0
92	24.2	19.5	29.3



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

Tgt Ion:	225	Resp:	98415
Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.9	73.3
227	60.4	49.6	74.4

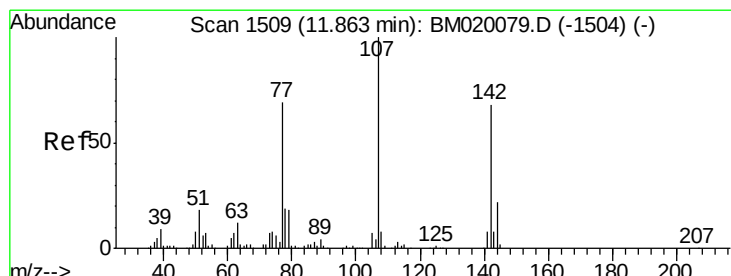
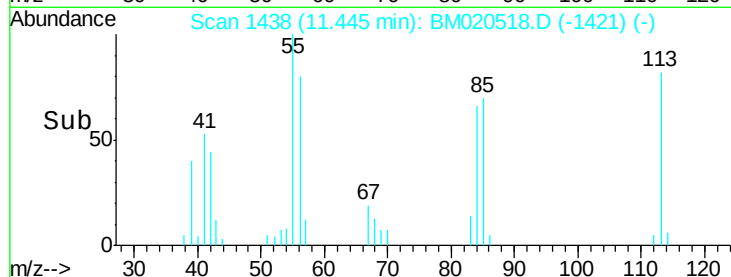
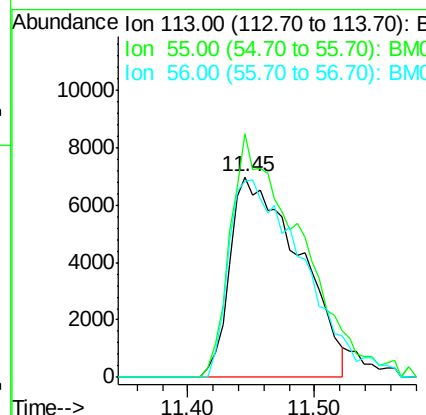
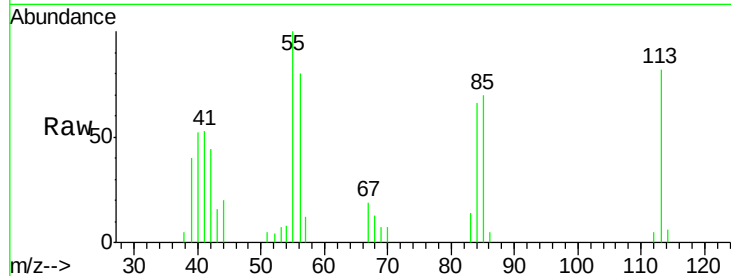




#35
 Caprolactam
 Concen: 31.430 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

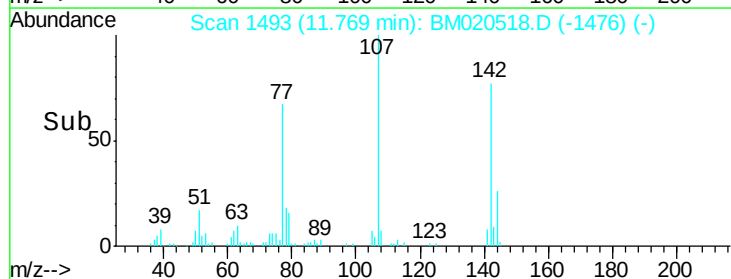
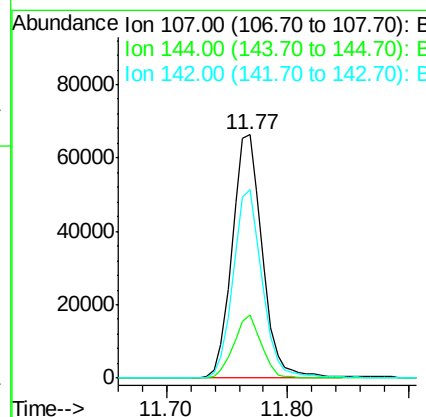
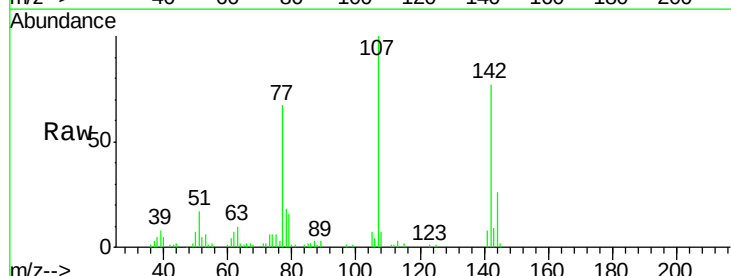
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

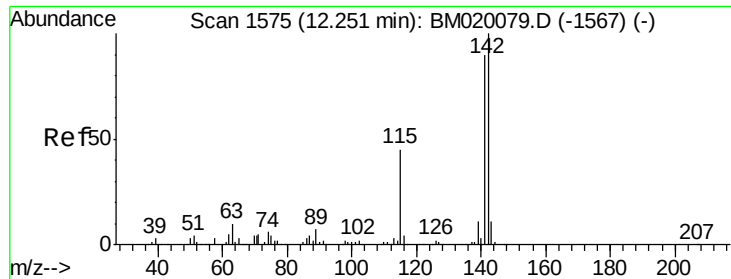
Tgt Ion:113 Resp: 26415
 Ion Ratio Lower Upper
 113 100
 55 121.4 102.5 142.5
 56 97.7 87.7 127.7



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

Tgt Ion:107 Resp: 115574
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.6 26.4
 142 77.5 54.6 82.0

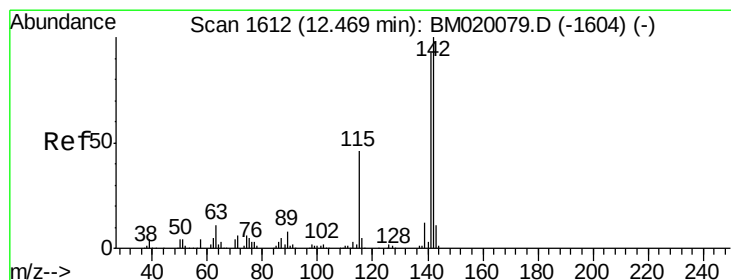
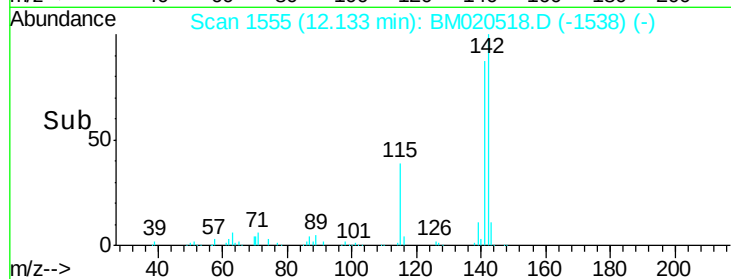
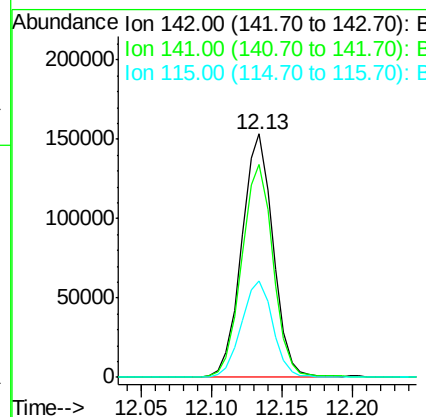
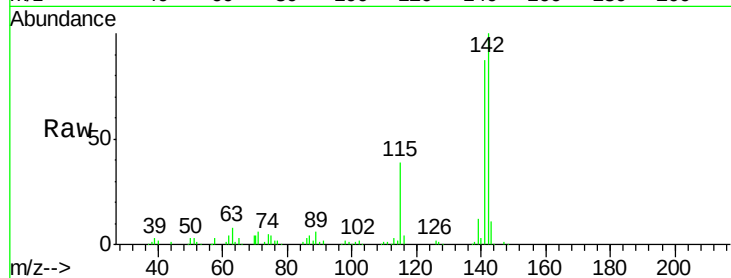




#37
 2-Methylnaphthalene
 Concen: 37.411 ng
 RT: 12.13 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

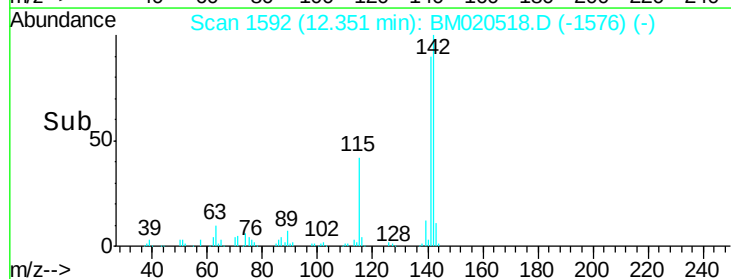
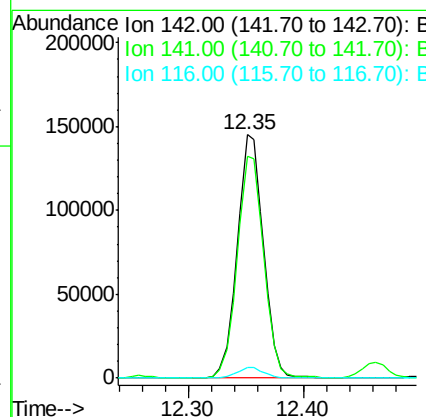
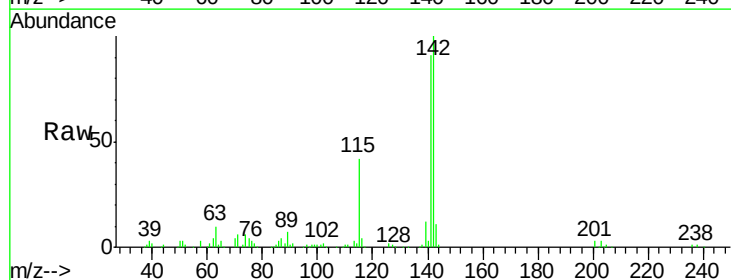
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

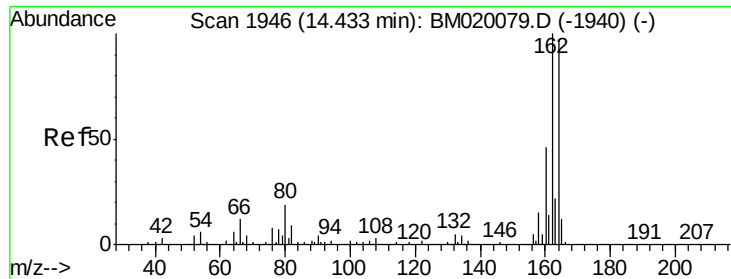
Tgt Ion:142 Resp: 239004
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.6 107.4
 115 39.4 35.8 53.6



#38
 1-Methylnaphthalene
 Concen: 36.406 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

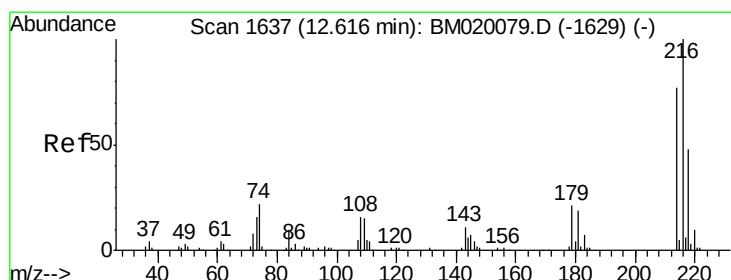
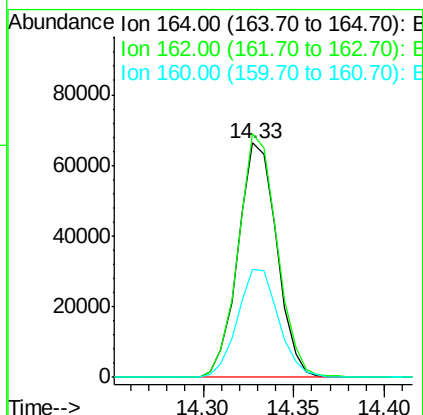
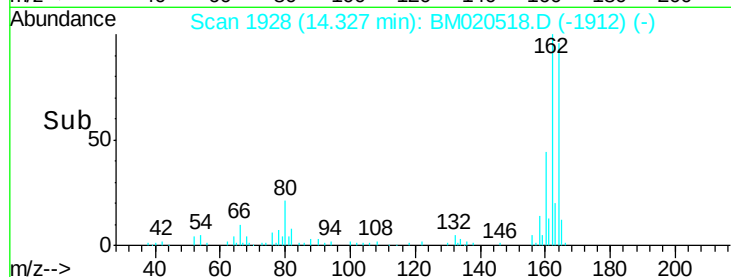
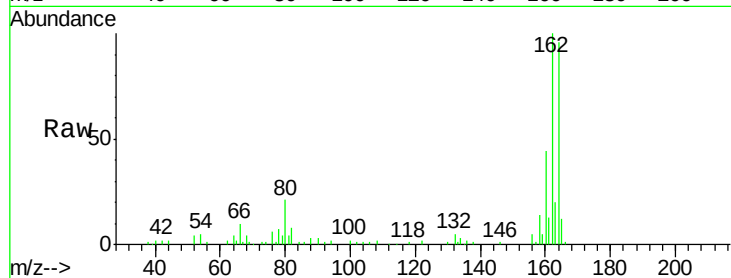
Tgt Ion:164 Resp: 98501

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

160 46.1 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.271 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Tgt Ion:216 Resp: 170610

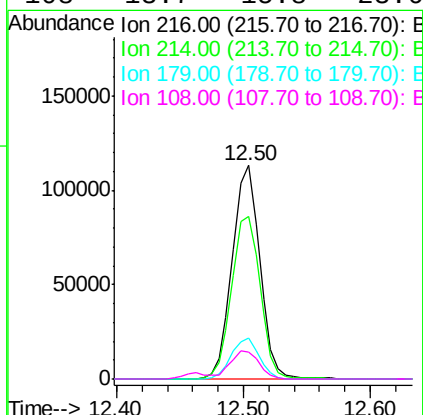
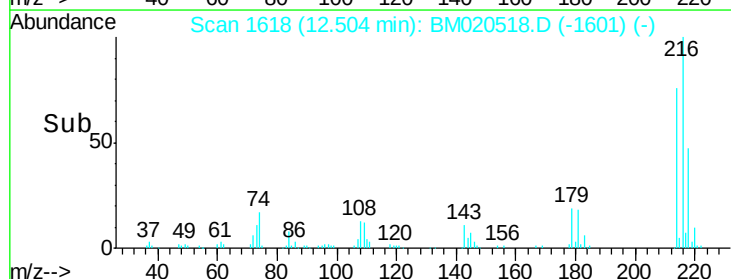
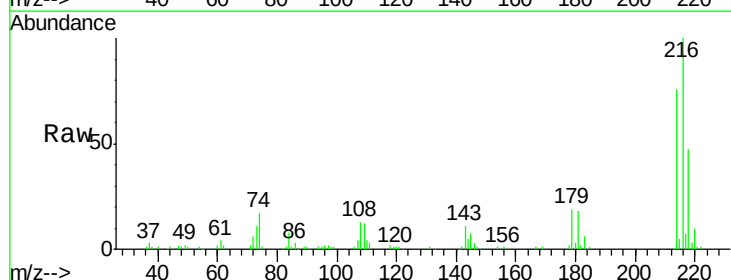
Ion Ratio Lower Upper

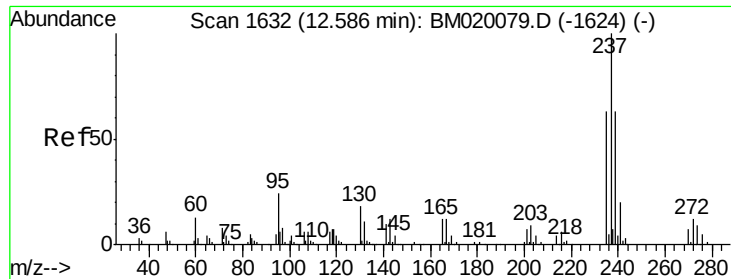
216 100

214 79.0 62.6 94.0

179 19.2 17.1 25.7

108 13.7 15.8 23.6#





#41

Hexachlorocyclopentadiene

Concen: 64.147 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

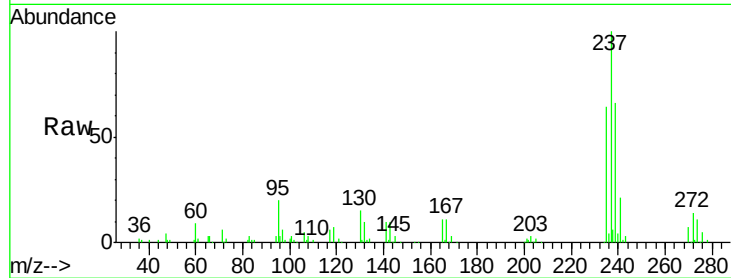
Tgt Ion:237 Resp: 145556

Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

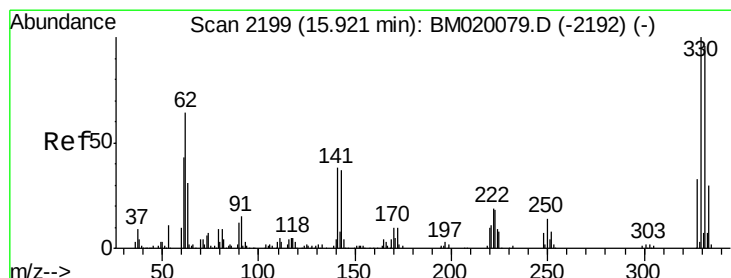
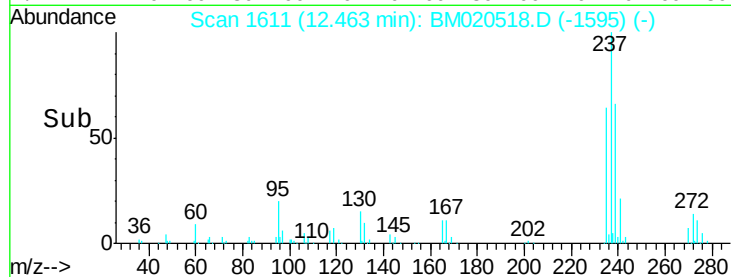
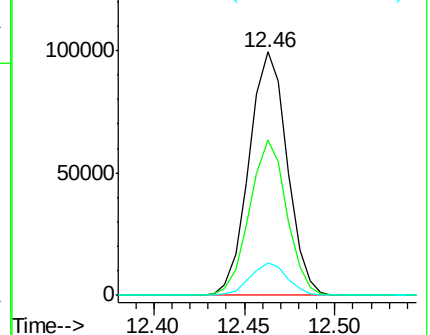
272 13.5 0.0 31.7



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: 131.217 ng

RT: 15.83 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

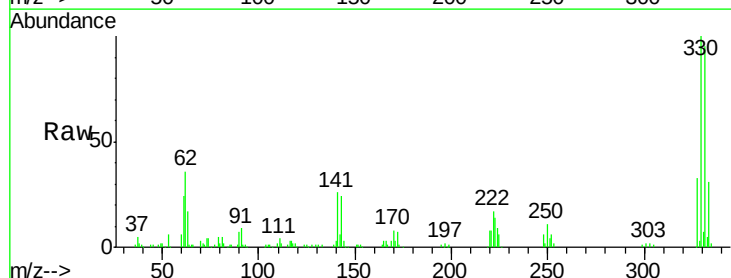
Tgt Ion:330 Resp: 200620

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

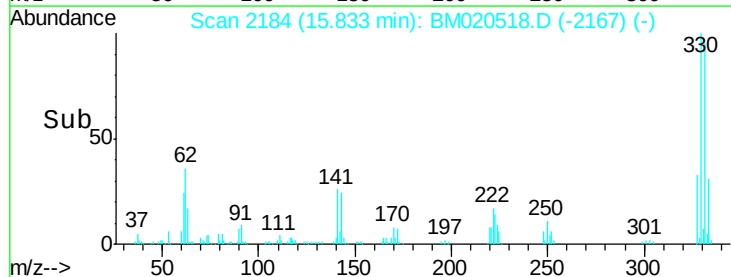
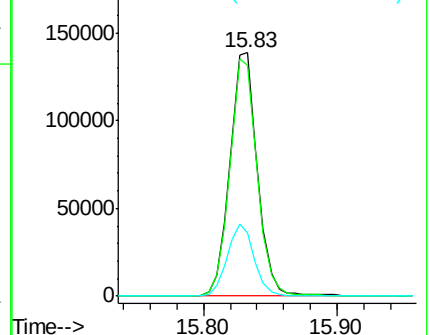
141 28.7 29.2 43.8#

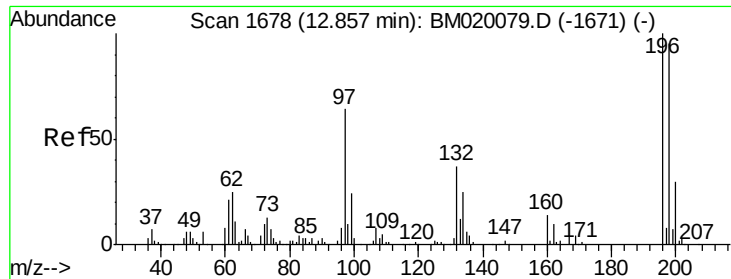


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

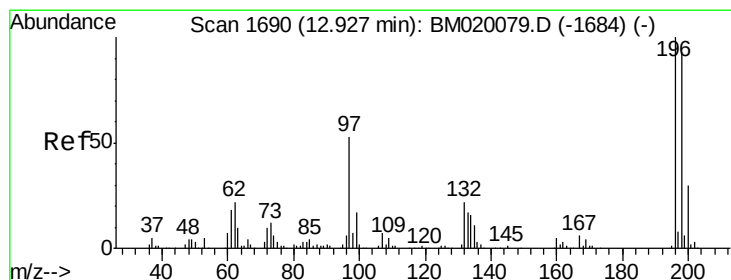
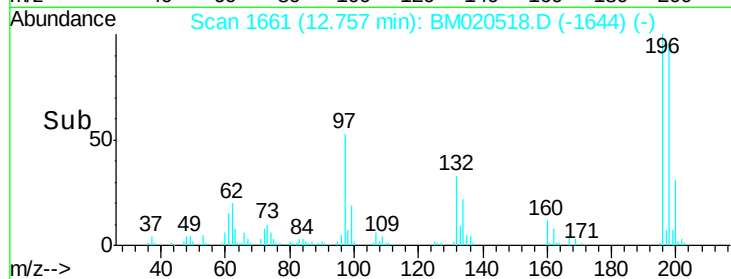
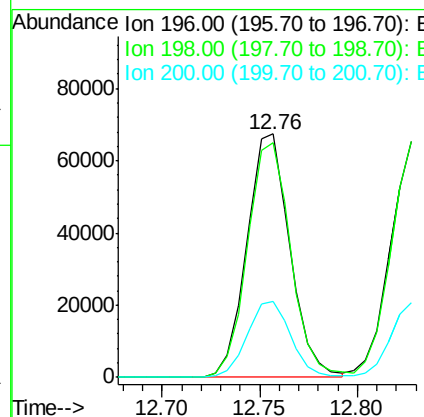
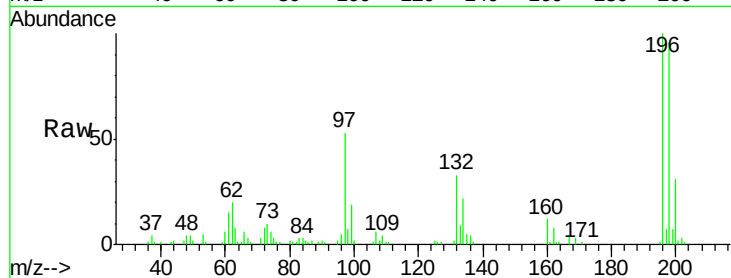




#43
 2,4,6-Trichlorophenol
 Concen: 46.986 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

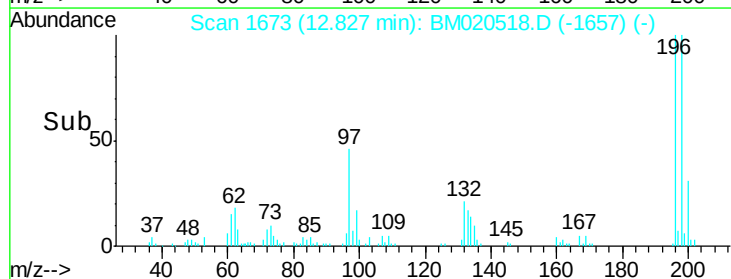
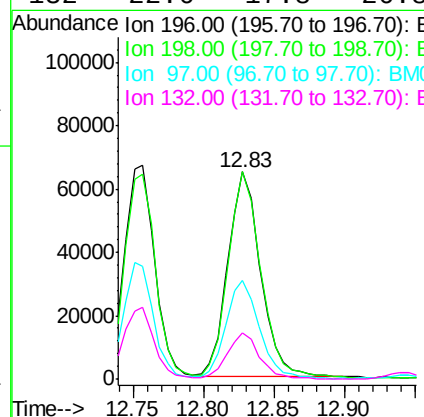
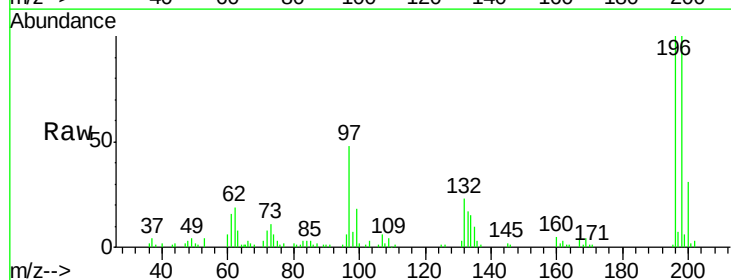
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

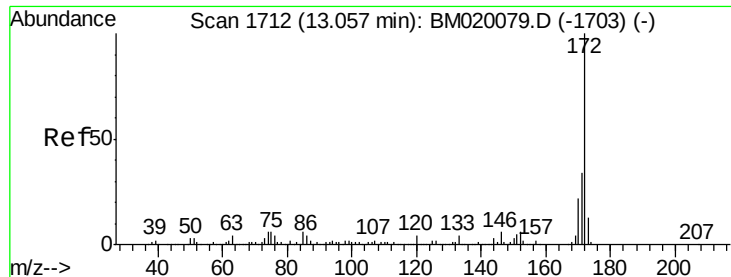
Tgt Ion:196 Resp: 102908
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.2
 200 31.4 24.3 36.5



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

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

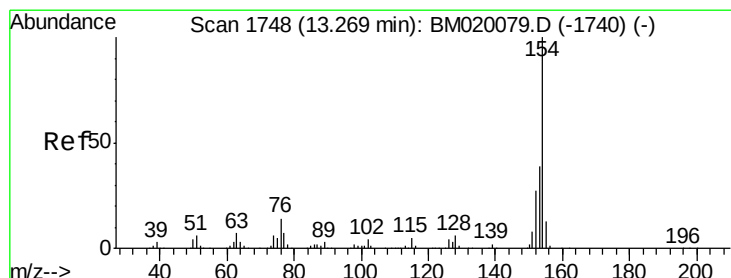
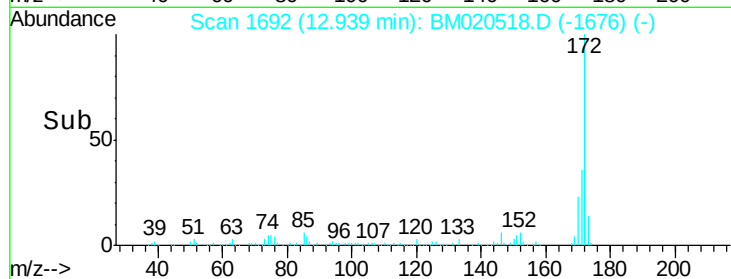
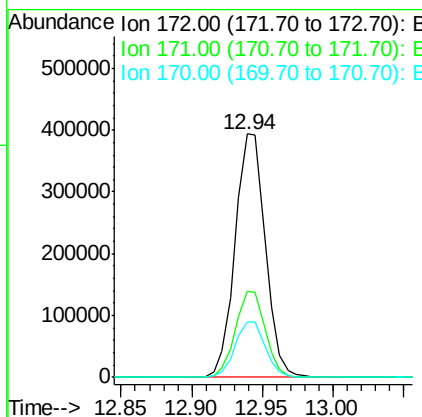
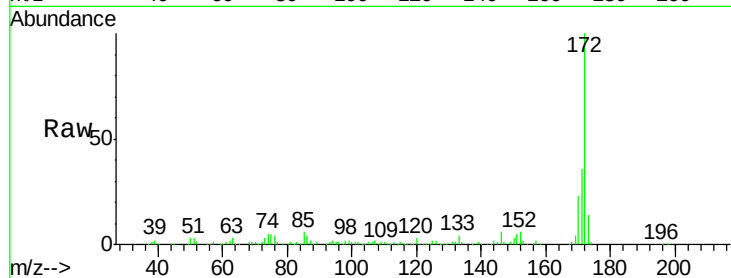




#45
 2-Fluorobiphenyl
 Concen: 73.585 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

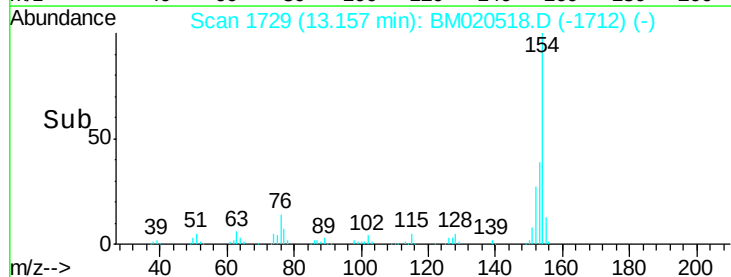
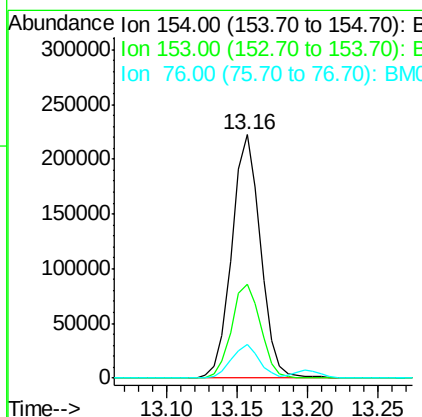
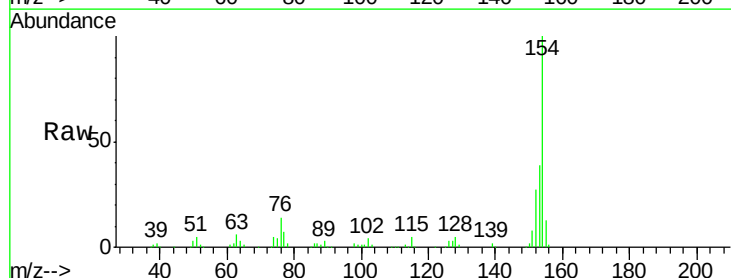
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

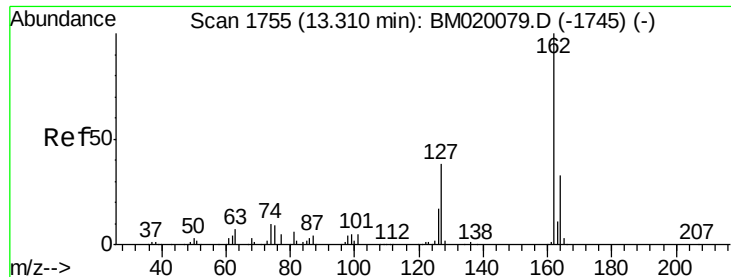
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.0	17.9	26.9



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

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

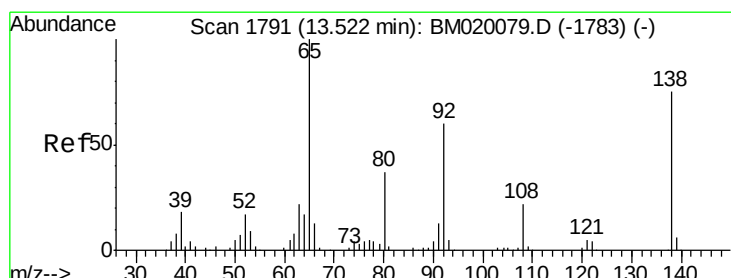
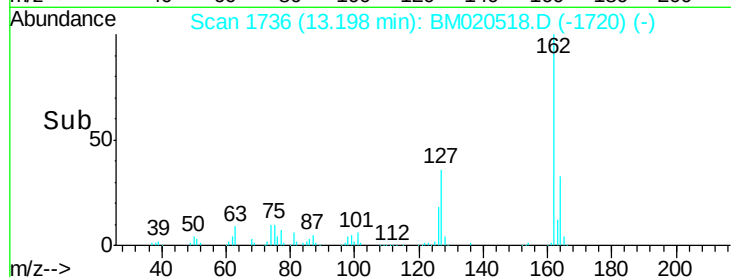
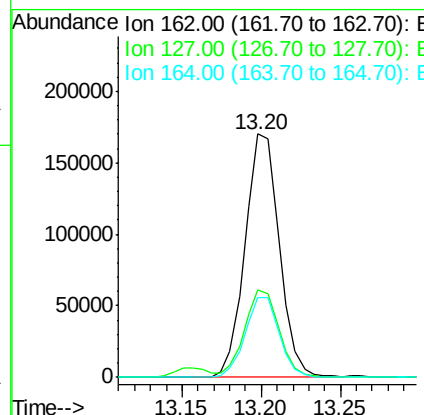
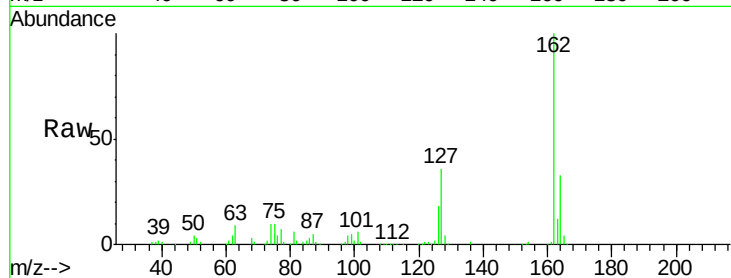




#47
 2-Chloronaphthalene
 Concen: 39.521 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

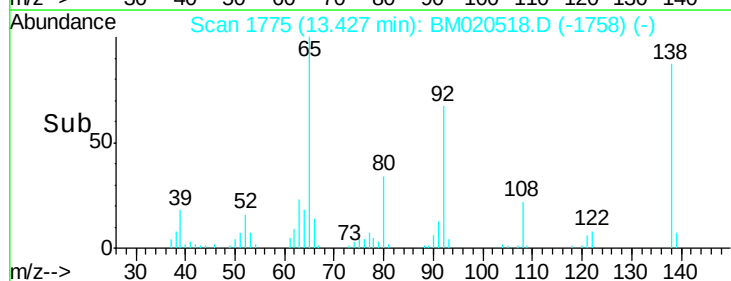
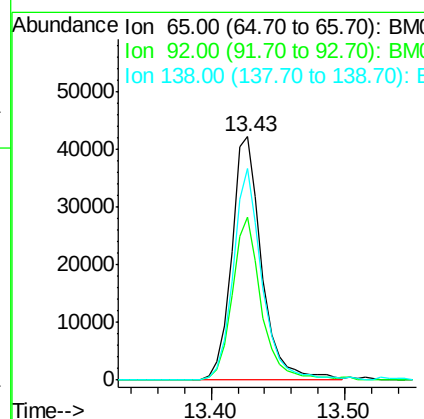
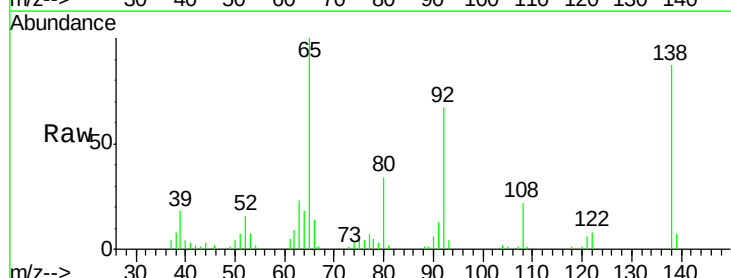
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

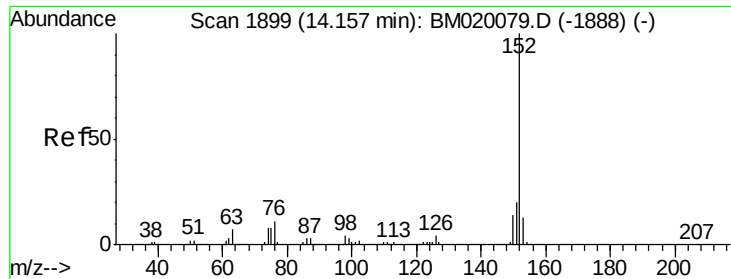
Tgt Ion: 162 Resp: 255833
 Ion Ratio Lower Upper
 162 100
 127 35.9 31.0 46.4
 164 32.6 26.2 39.2



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

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





#49

Acenaphthylene

Concen: 37.074 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

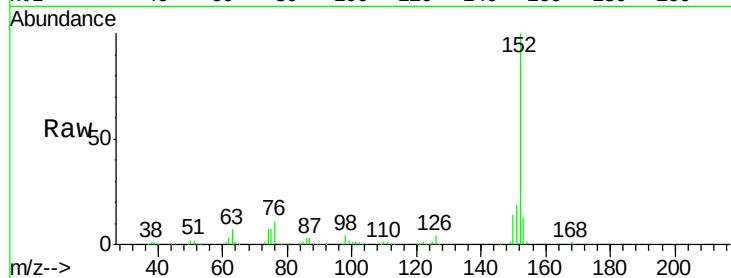
Tgt Ion:152 Resp: 384079

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

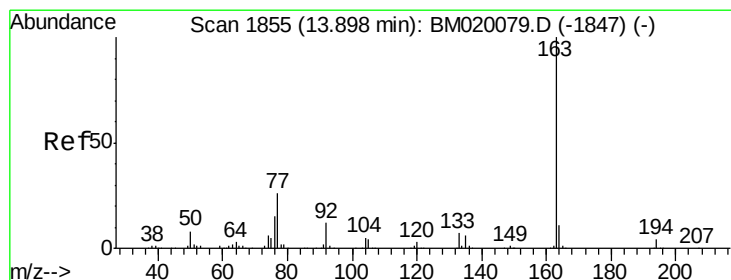
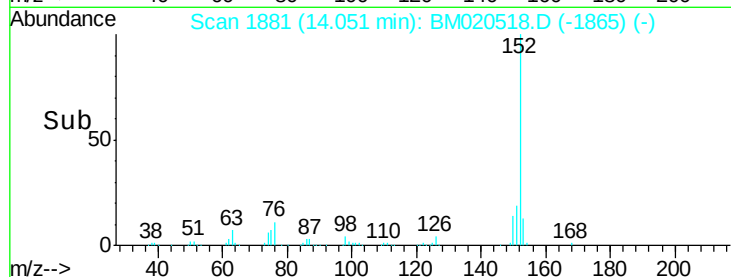
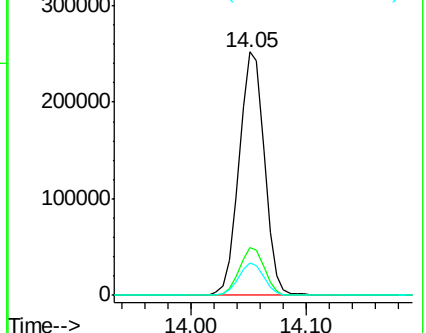
153 13.1 10.6 16.0



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: 48.387 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

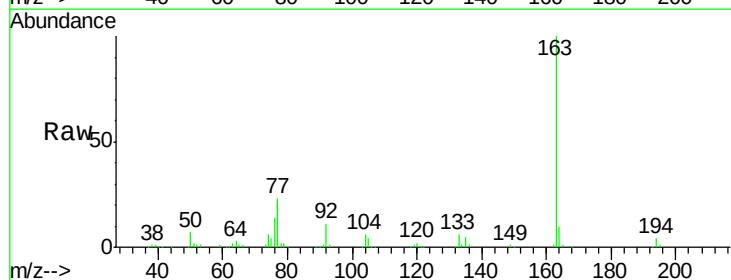
Tgt Ion:163 Resp: 405086

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

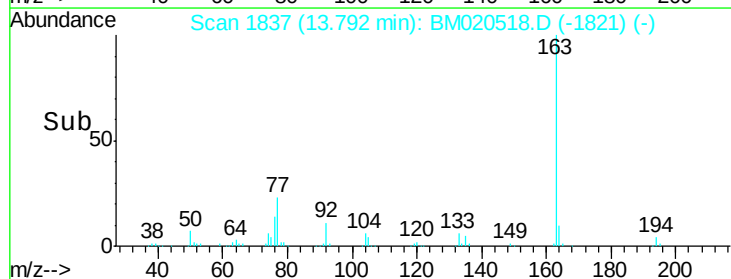
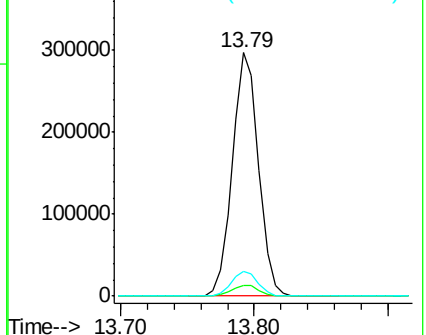
164 10.3 8.4 12.6

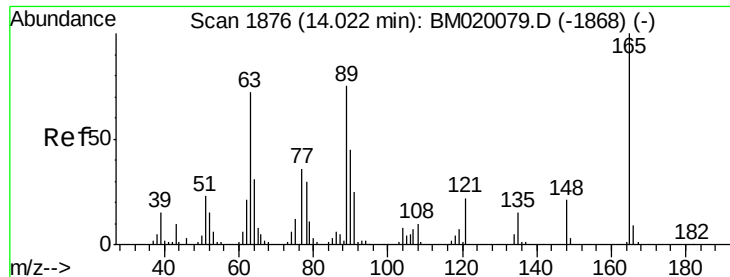


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

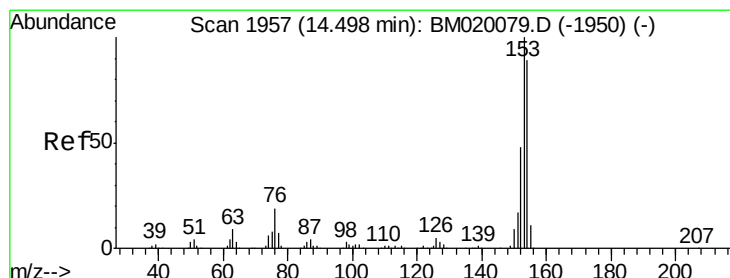
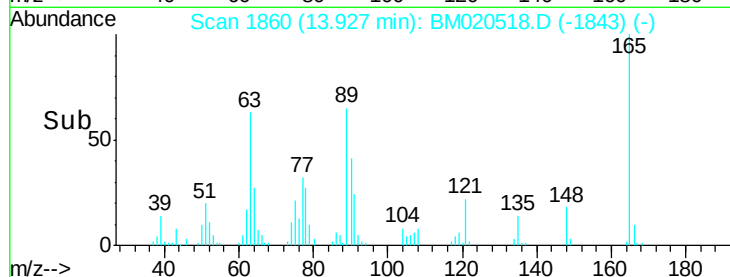
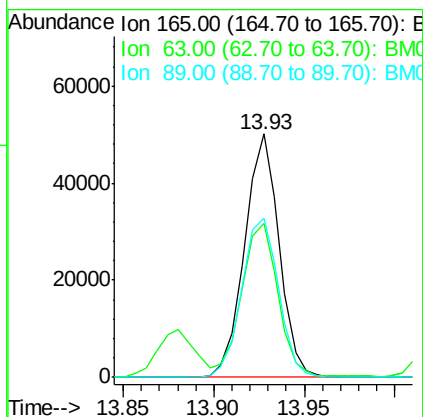
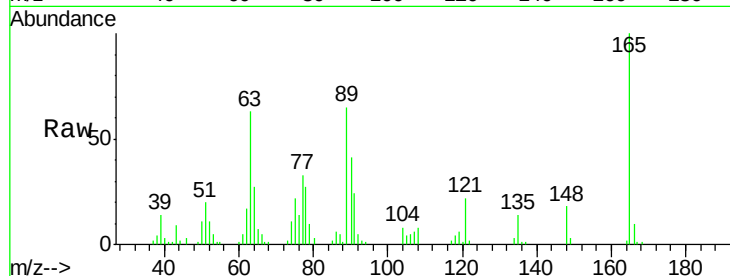




#51
2,6-Dinitrotoluene
Concen: 37.529 ng
RT: 13.93 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

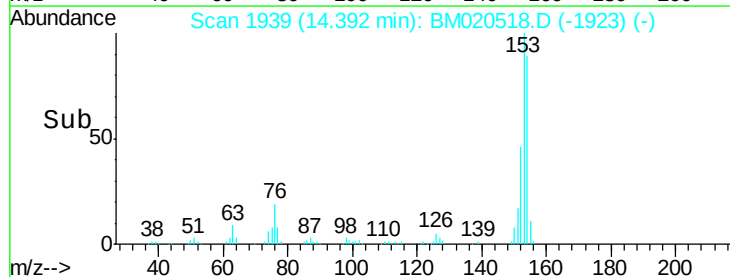
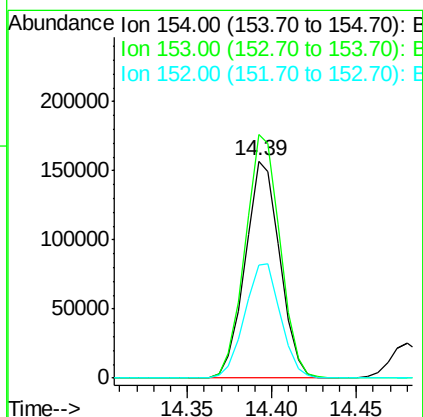
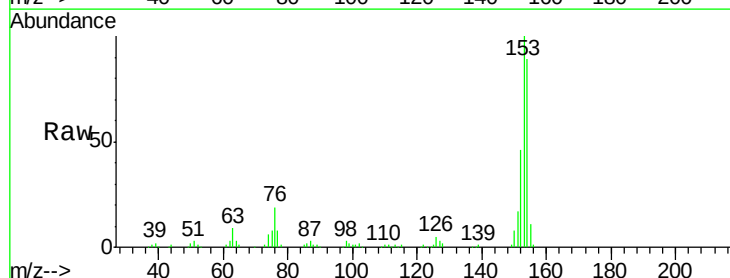
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

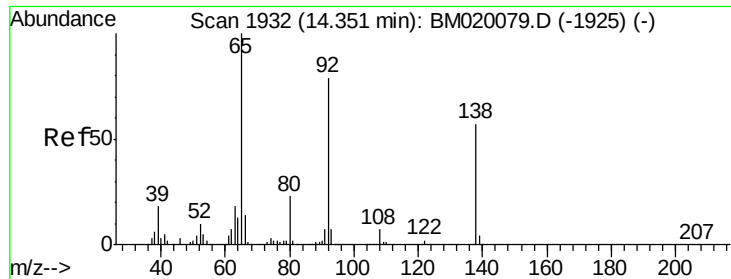
Tgt Ion:165 Resp: 66175
Ion Ratio Lower Upper
165 100
63 63.1 60.3 90.5
89 65.1 59.8 89.6



#52
Acenaphthene
Concen: 37.701 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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





#53

3-Nitroaniline

Concen: 14.625 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

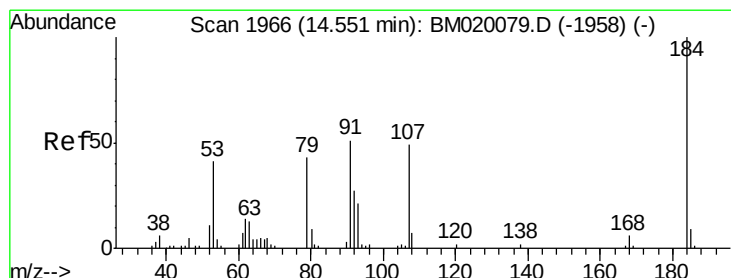
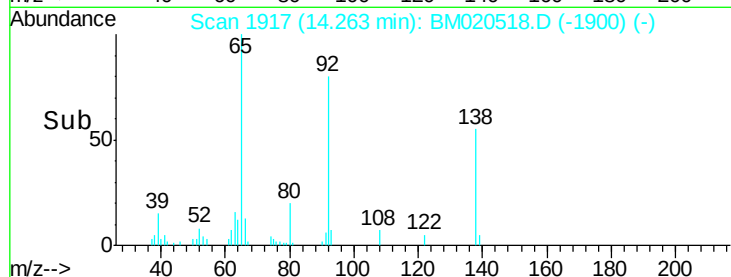
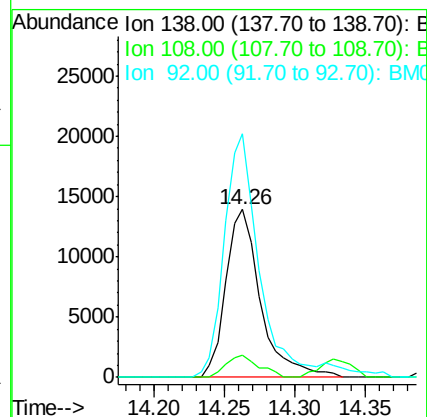
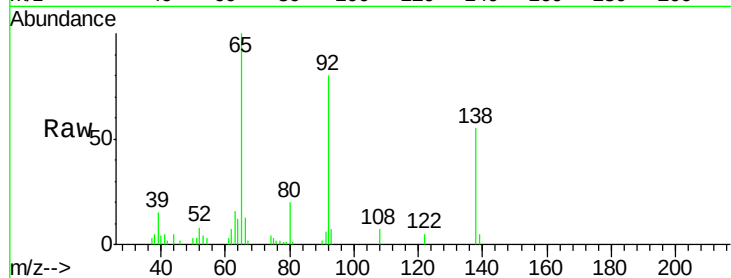
Tgt Ion:138 Resp: 23935

Ion Ratio Lower Upper

138 100

108 13.5 10.4 15.6

92 145.2 111.3 166.9



#54

2,4-Dinitrophenol

Concen: 75.626 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

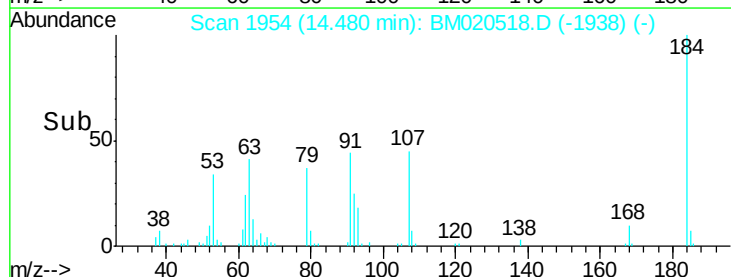
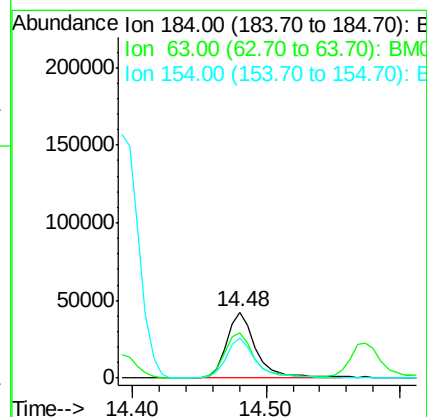
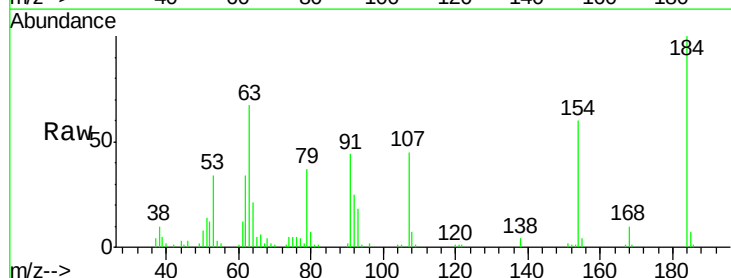
Tgt Ion:184 Resp: 66337

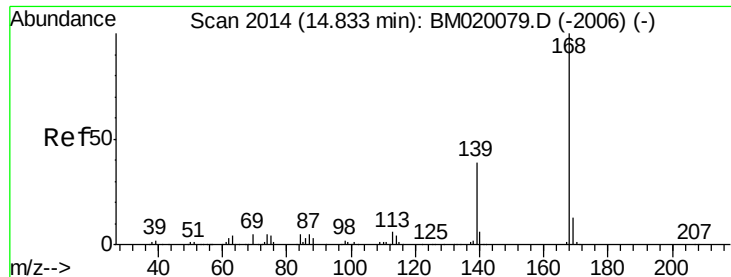
Ion Ratio Lower Upper

184 100

63 67.4 68.9 103.3#

154 60.1 54.4 81.6





#55

Dibenzofuran

Concen: 38.923 ng

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

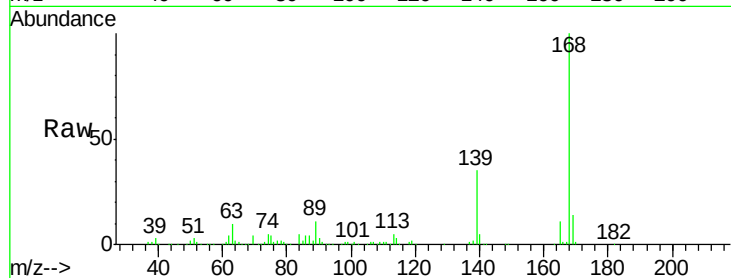
Tgt Ion:168 Resp: 390045

Ion Ratio Lower Upper

168 100

139 35.1 31.1 46.7

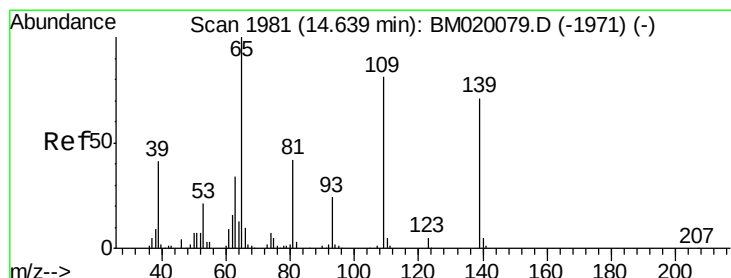
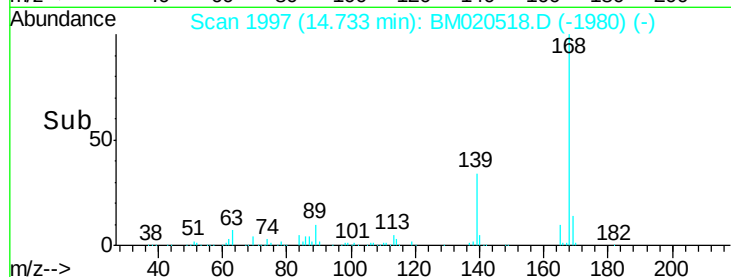
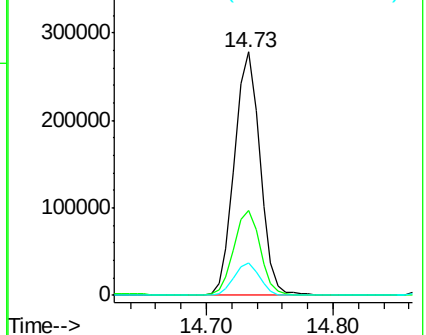
169 13.5 10.6 16.0



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: 64.320 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

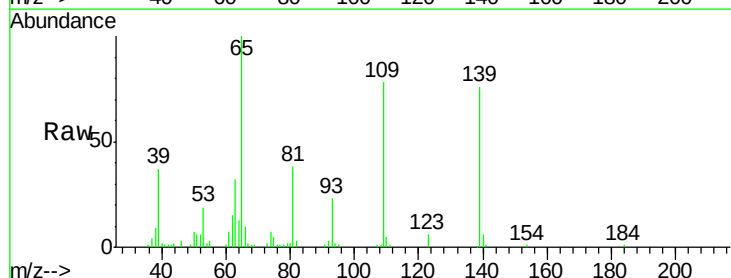
Tgt Ion:139 Resp: 89811

Ion Ratio Lower Upper

139 100

109 103.8 94.1 134.1

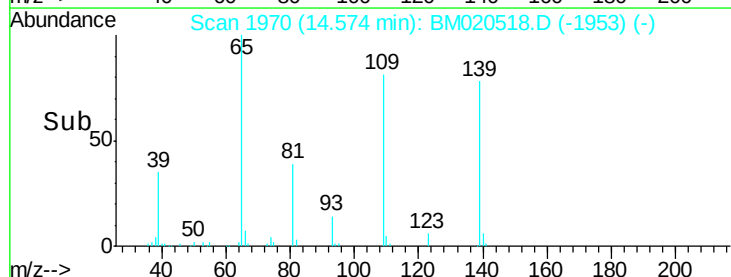
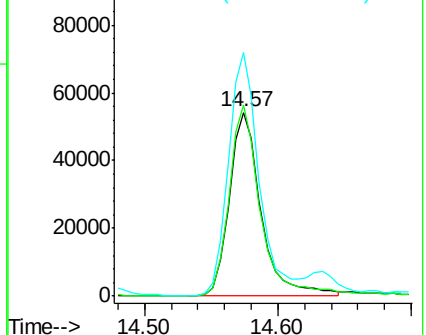
65 132.4 120.9 160.9

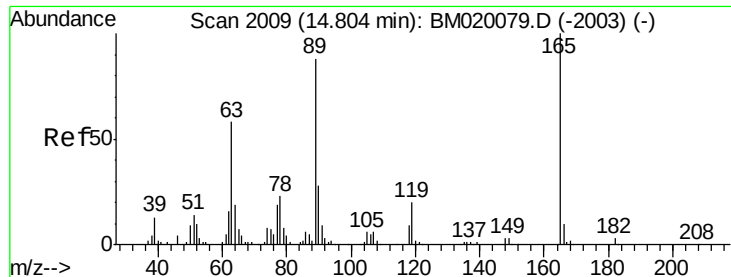


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

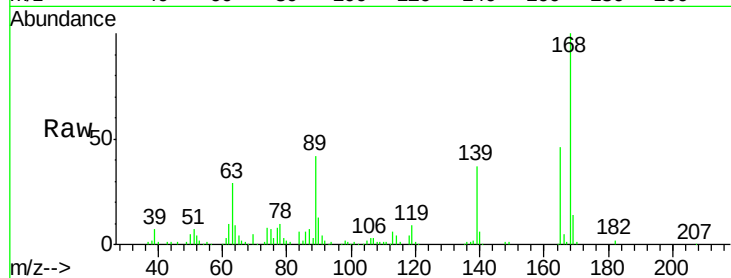




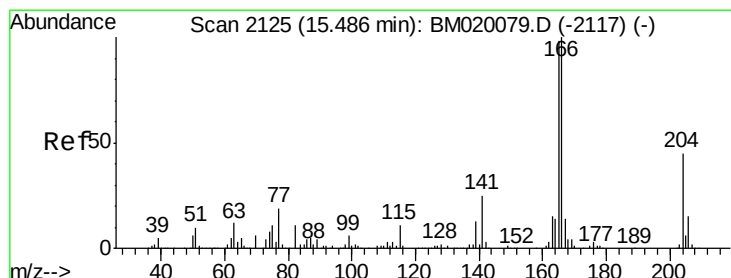
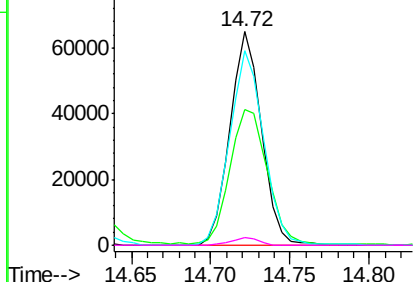
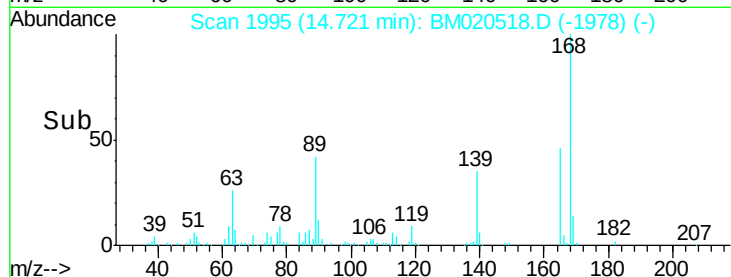
#57
 2,4-Dinitrotoluene
 Concen: 37.432 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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

Tgt Ion:165 Resp: 89685
 Ion Ratio Lower Upper
 165 100
 63 63.3 46.2 69.2
 89 91.3 70.6 105.8
 182 3.3 2.2 3.2#

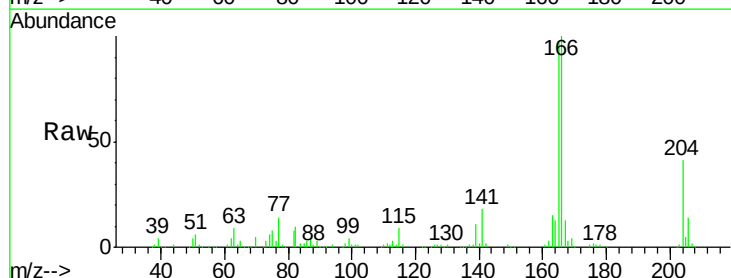


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

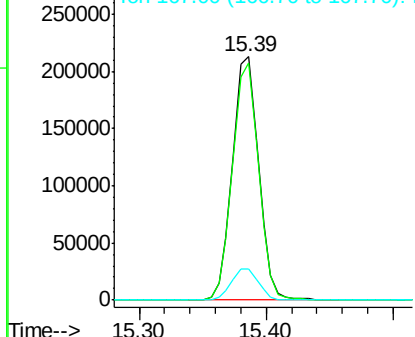
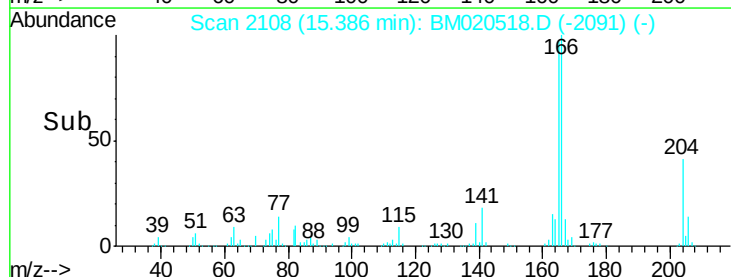


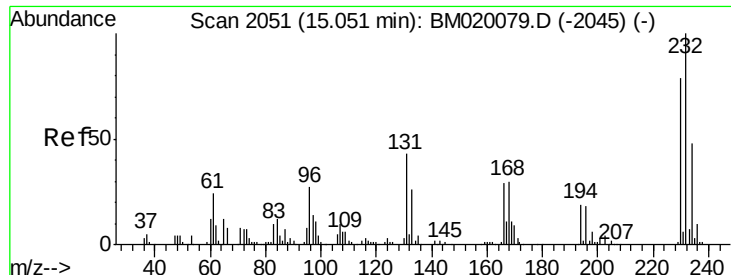
#58
 Fluorene
 Concen: 37.031 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion:166 Resp: 304762
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.2 117.2
 167 13.0 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

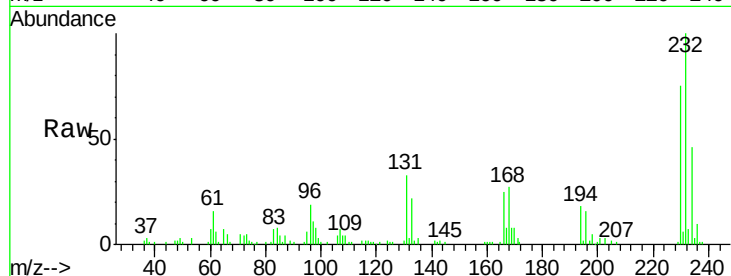




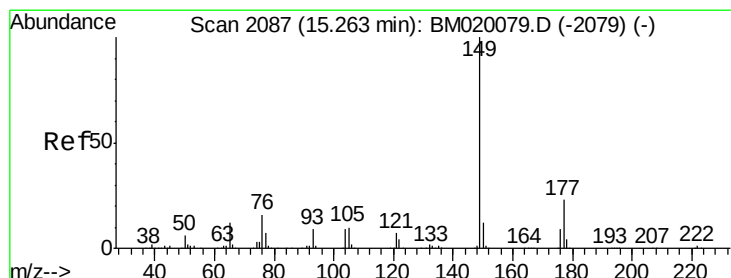
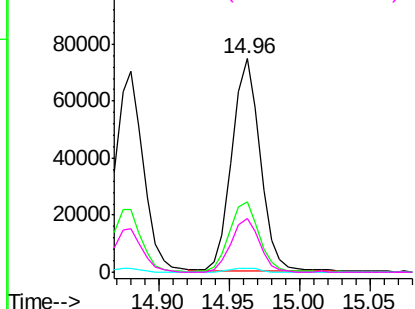
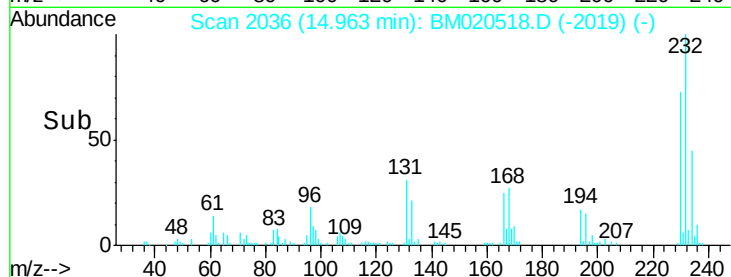
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.703 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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

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

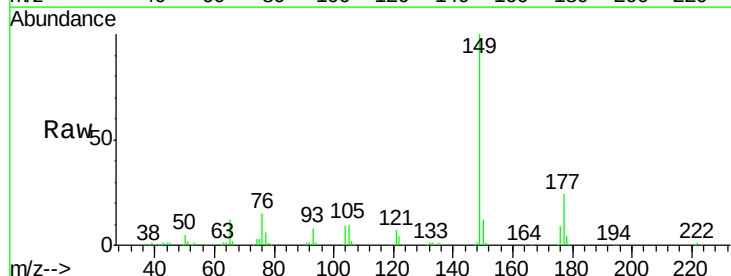


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

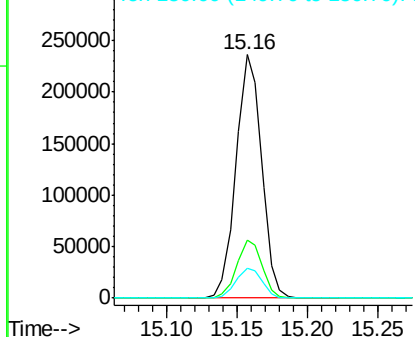
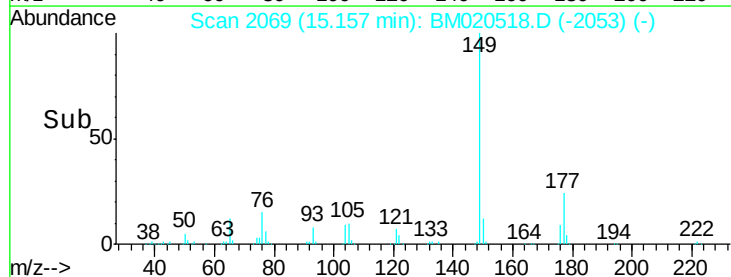


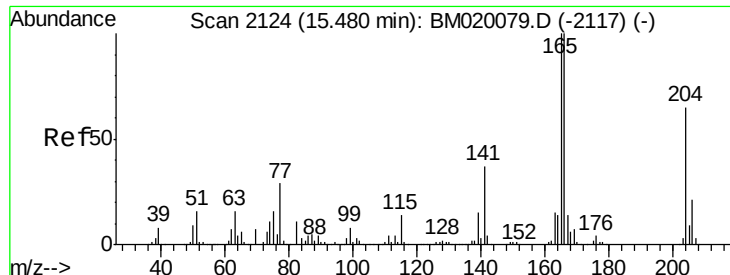
#60
 Diethylphthalate
 Concen: 35.245 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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

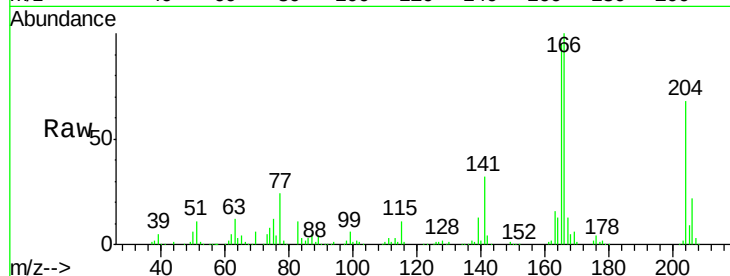




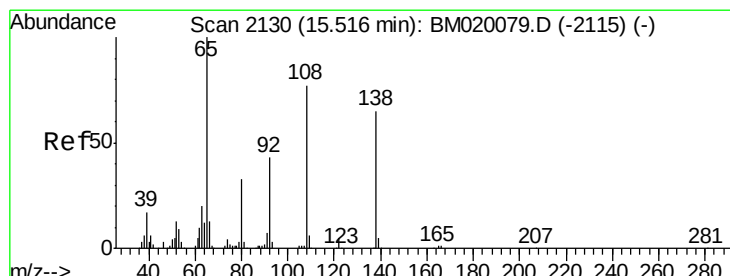
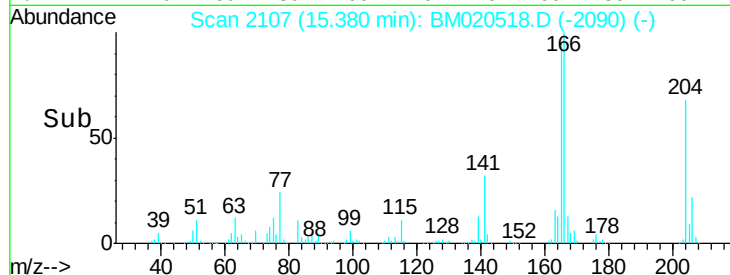
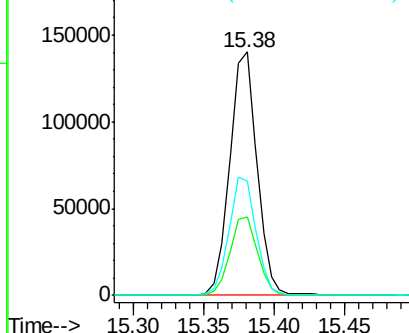
#61
 4-Chlorophenyl-phenylether
 Concen: 40.593 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

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

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

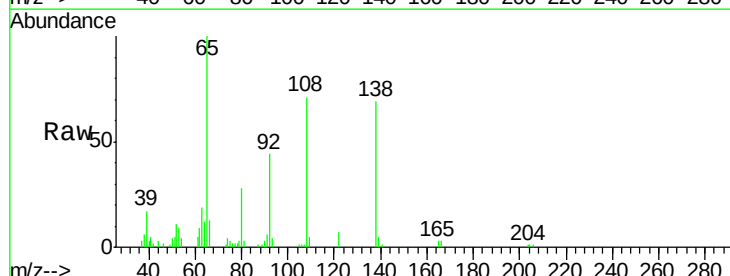


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

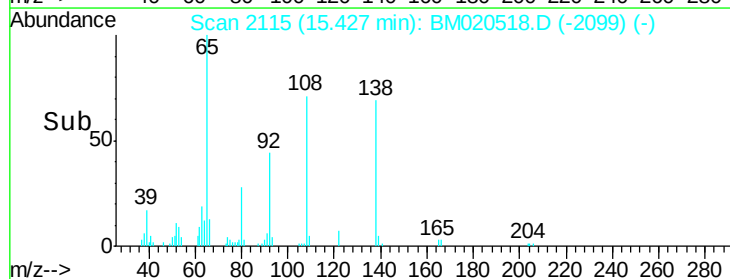
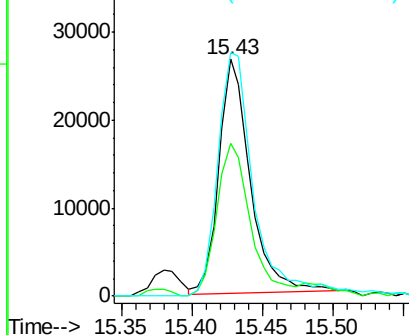


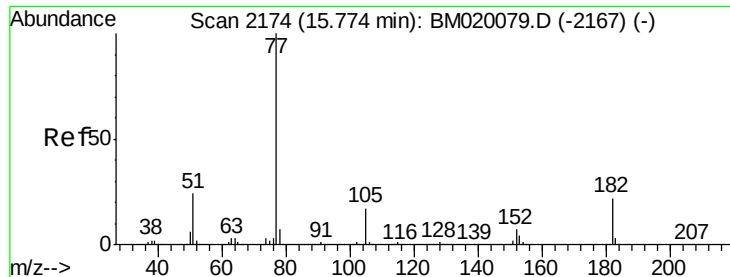
#62
 4-Nitroaniline
 Concen: 22.798 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

Tgt Ion:138 Resp: 41174
 Ion Ratio Lower Upper
 138 100
 92 64.5 45.9 85.9
 108 102.7 97.7 137.7



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





#63

Azobenzene

Concen: 32.168 ng

RT: 15.67 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

Tgt Ion: 77 Resp: 320084

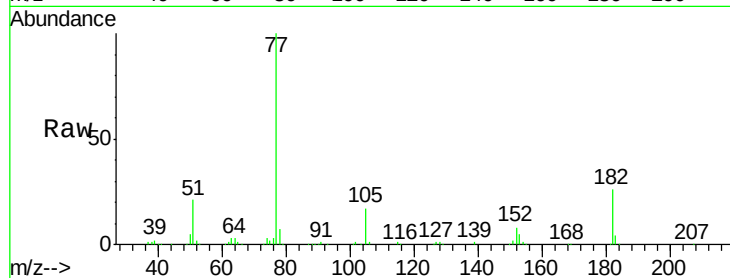
Ion Ratio Lower Upper

77 100

182 26.3 2.1 42.1

105 17.3 0.0 36.8

51 21.1 3.8 43.8

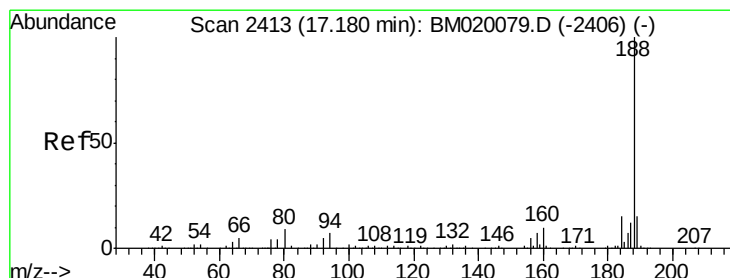
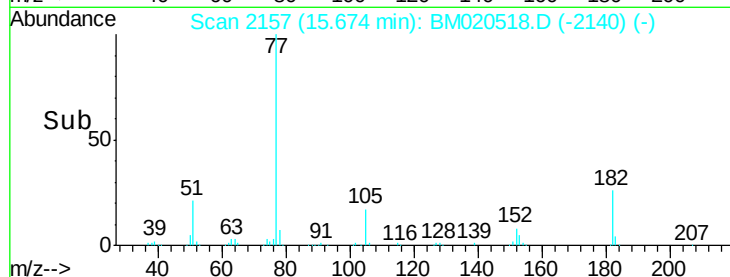
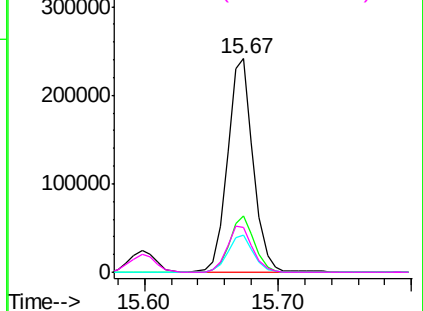


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020518.D

Acq: 23 May 2019 16:32

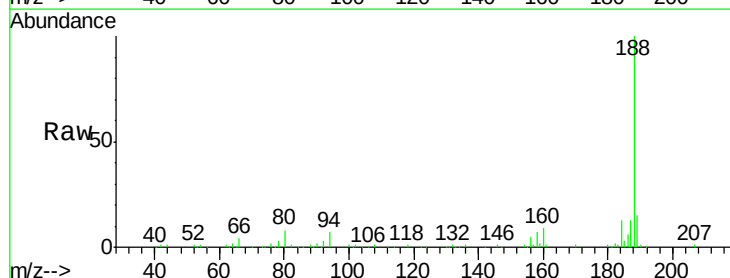
Tgt Ion: 188 Resp: 243465

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

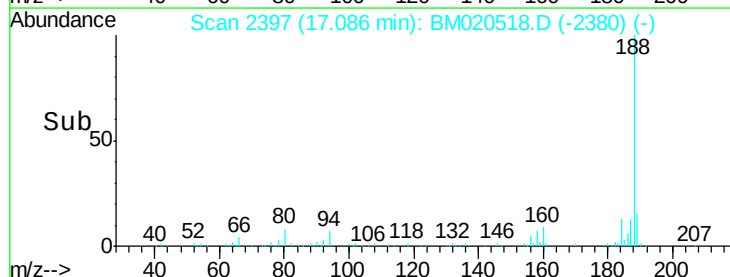
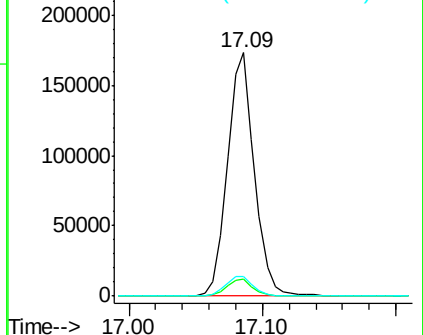
80 8.3 7.4 11.2

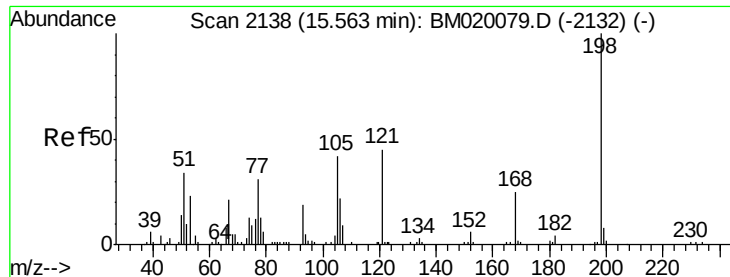


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

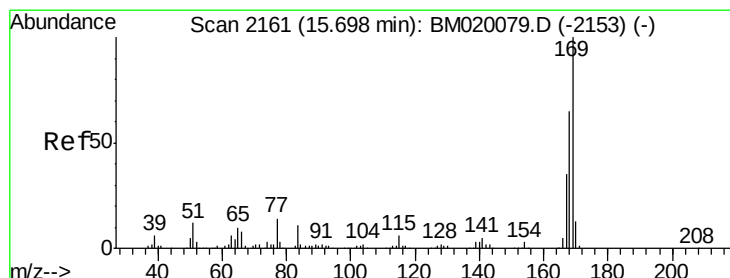
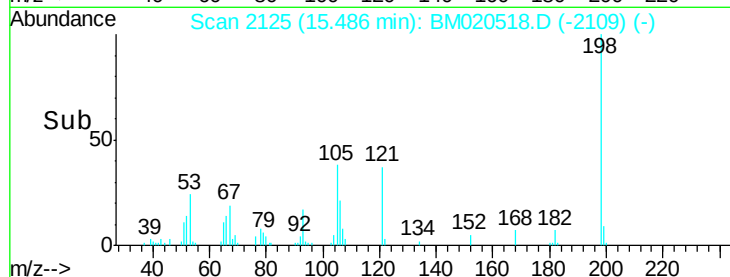
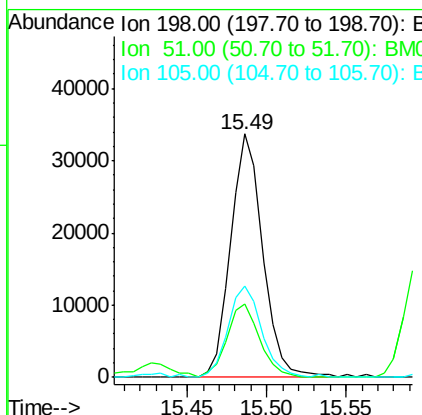
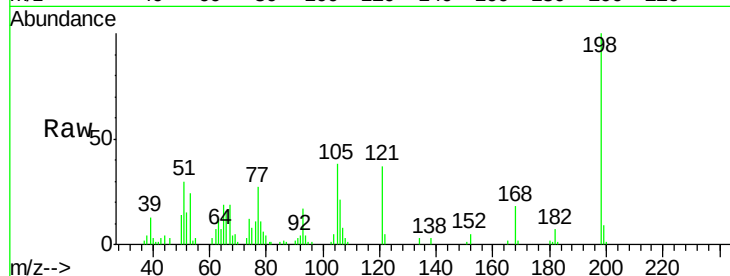




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.978 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

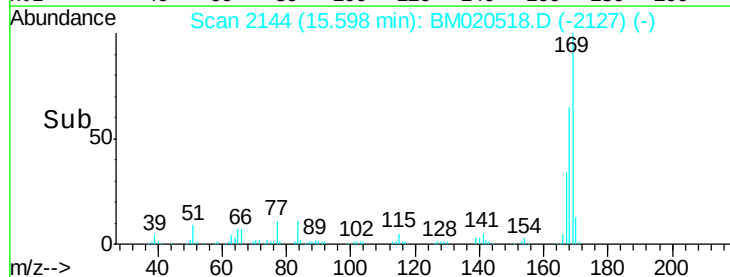
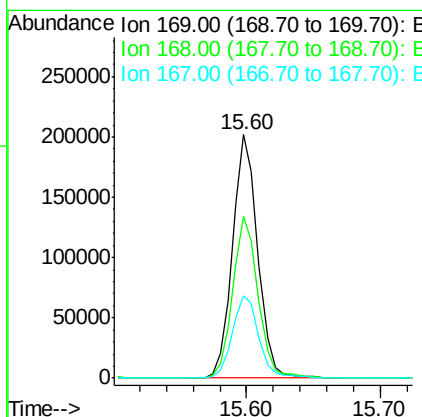
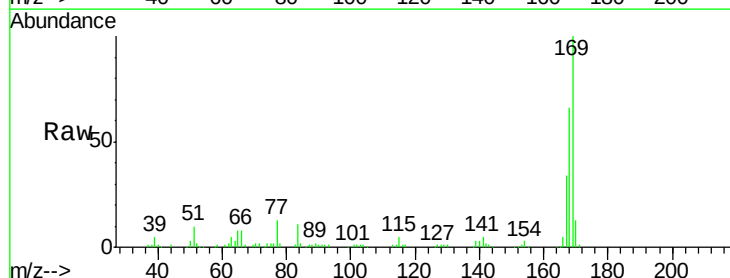
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

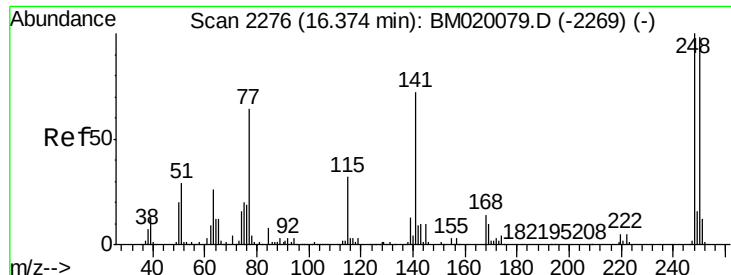
Tgt Ion:198 Resp: 47382
 Ion Ratio Lower Upper
 198 100
 51 30.3 16.5 56.5
 105 37.6 22.8 62.8



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

Tgt Ion:169 Resp: 265373
 Ion Ratio Lower Upper
 169 100
 168 66.4 51.9 77.9
 167 33.6 27.8 41.6

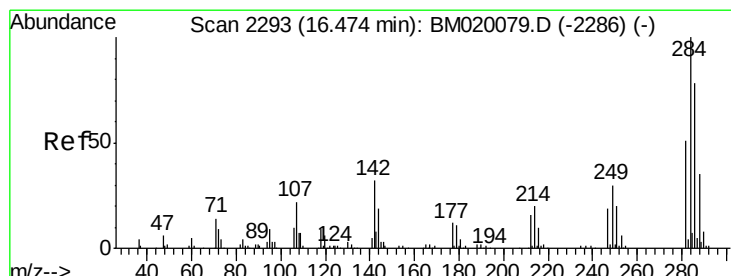
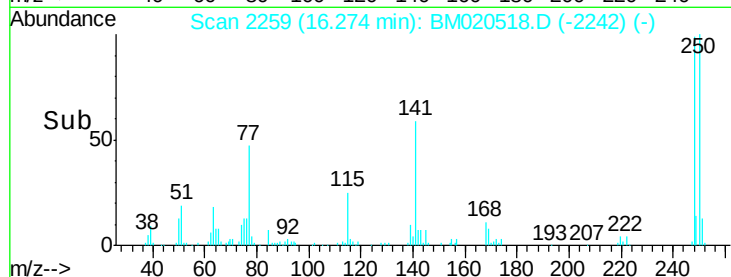
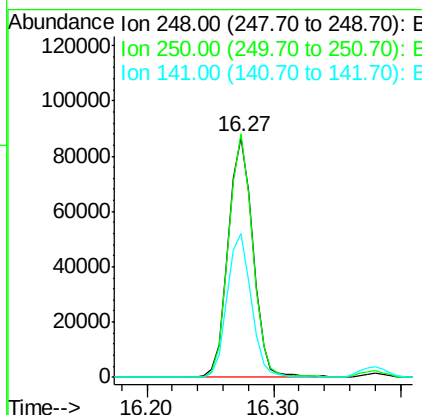
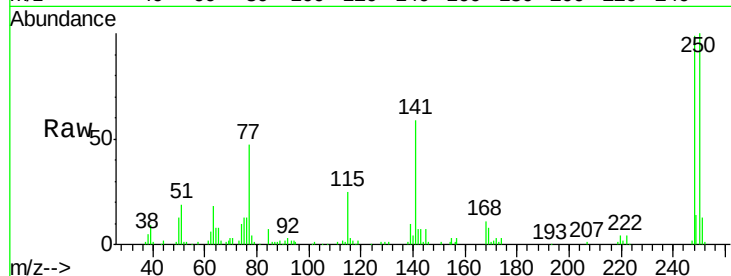




#67
 4-Bromophenyl-phenylether
 Concen: 39.124 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020518.D
 Acq: 23 May 2019 16:32

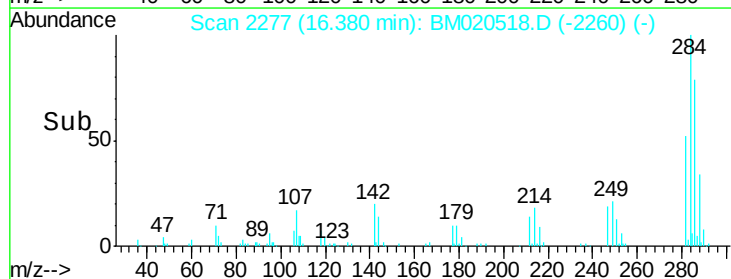
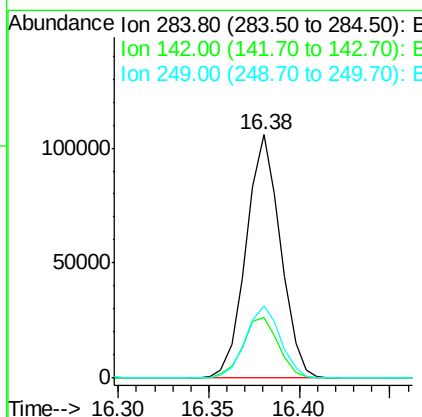
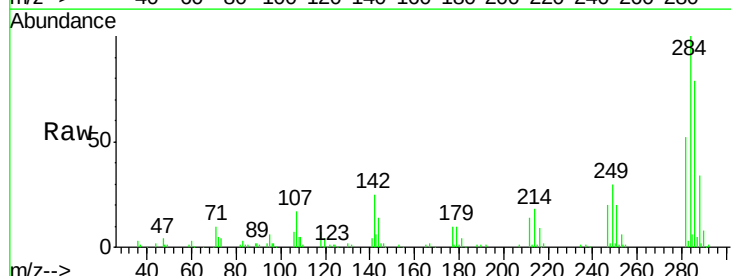
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)MSD

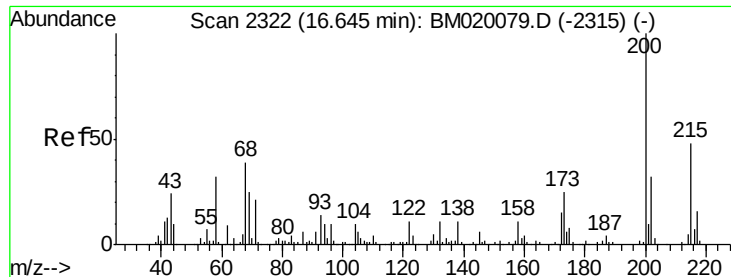
Tgt Ion:248 Resp: 116804
 Ion Ratio Lower Upper
 248 100
 250 101.5 78.4 117.6
 141 59.9 57.4 86.2



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

Tgt Ion:284 Resp: 139224
 Ion Ratio Lower Upper
 284 100
 142 24.9 25.2 37.8#
 249 29.6 23.6 35.4





#69

Atrazine

Concen: 34.275 ng

RT: 16.56 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

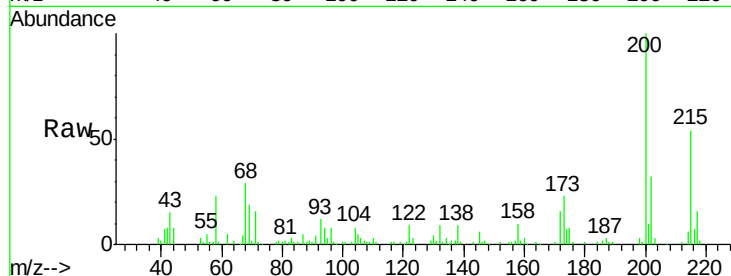
Tgt Ion:200 Resp: 95959

Ion Ratio Lower Upper

200 100

173 22.7 4.6 44.6

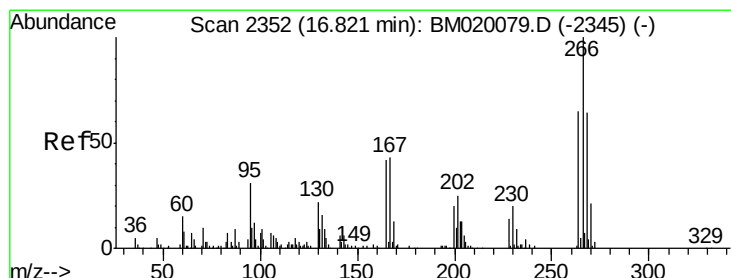
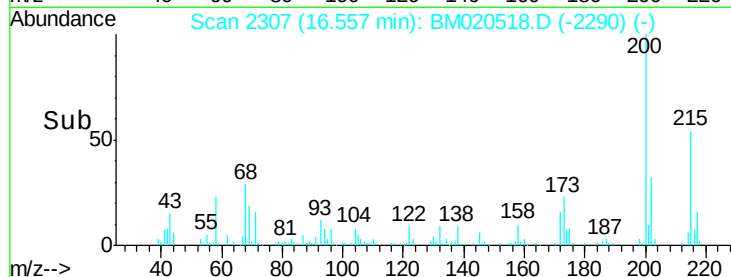
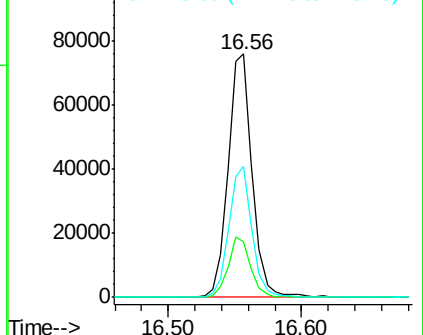
215 54.0 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.041 ng

RT: 16.73 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

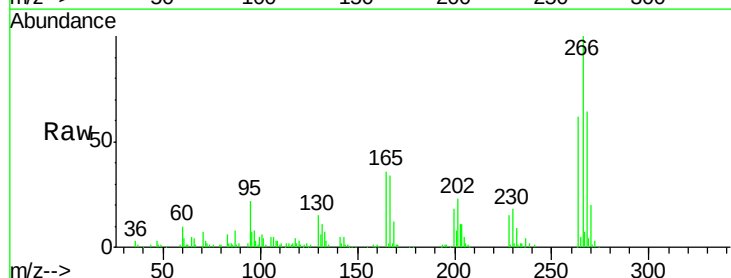
Tgt Ion:266 Resp: 159302

Ion Ratio Lower Upper

266 100

268 64.3 51.4 77.0

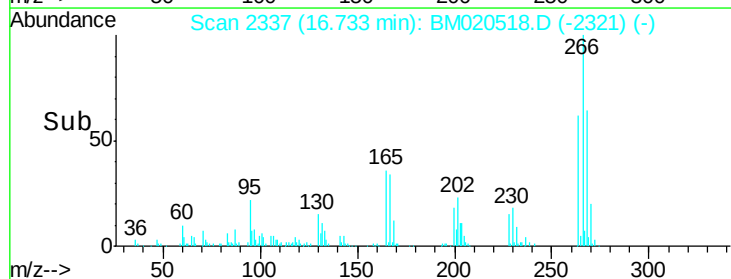
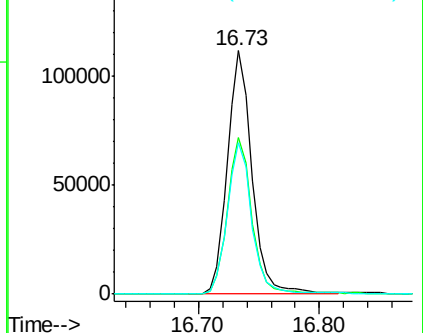
264 62.4 52.0 78.0

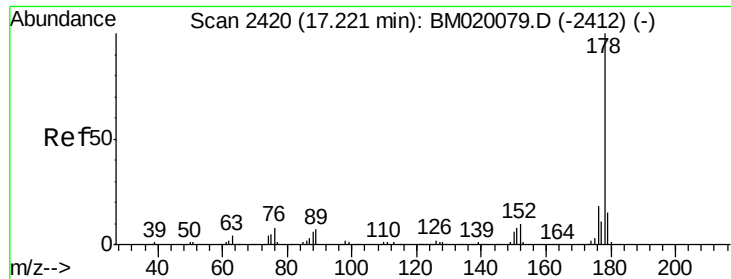


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

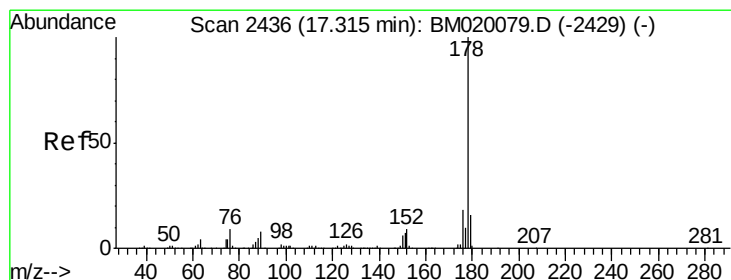
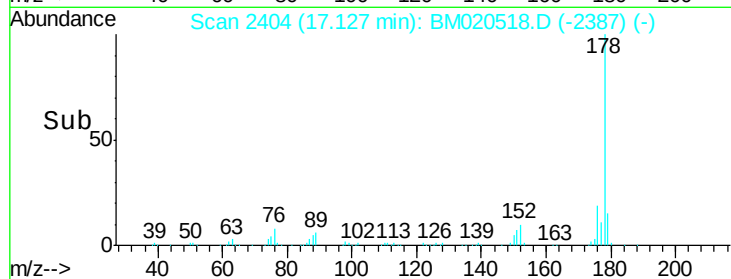
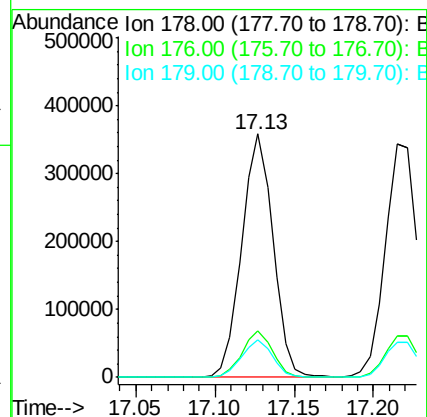
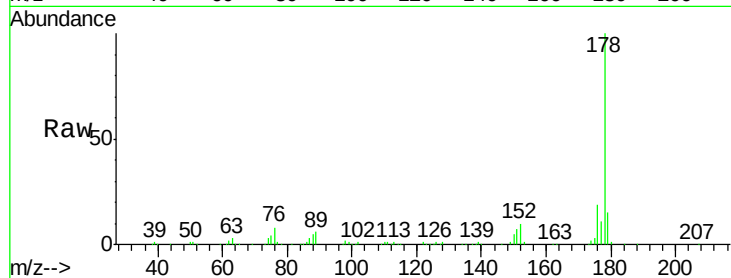




#71
Phenanthrene
Concen: 36.632 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

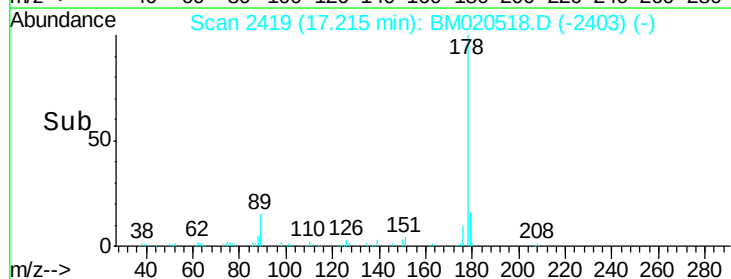
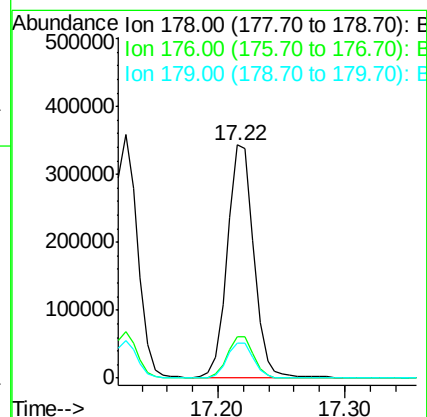
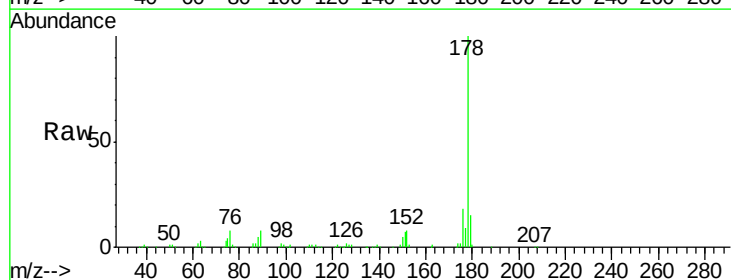
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

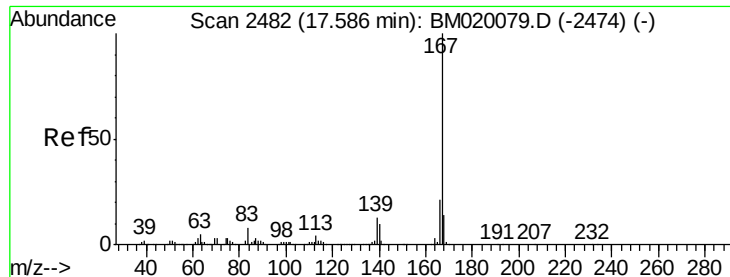
Tgt Ion:178 Resp: 492312
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.2 12.4 18.6



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

Tgt Ion:178 Resp: 488932
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 15.2 12.4 18.6





#73

Carbazole

Concen: 35.036 ng

RT: 17.50 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

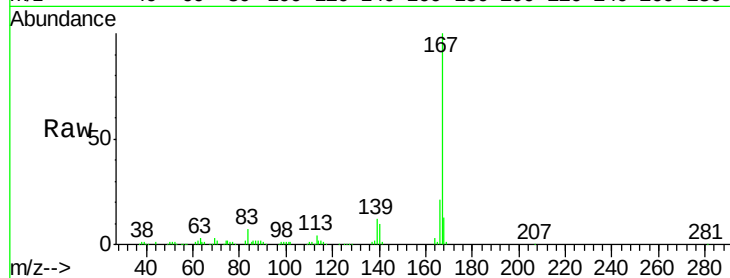
Tgt Ion:167 Resp: 424794

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

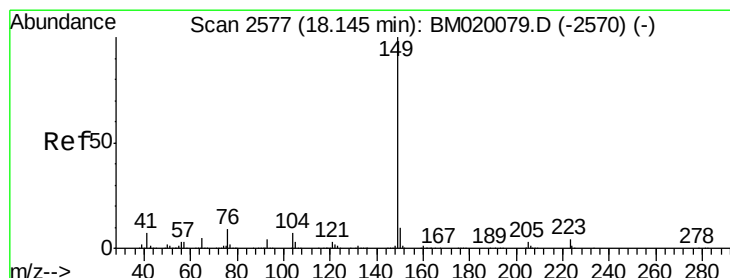
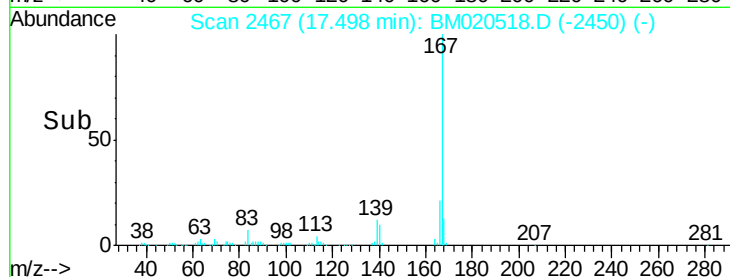
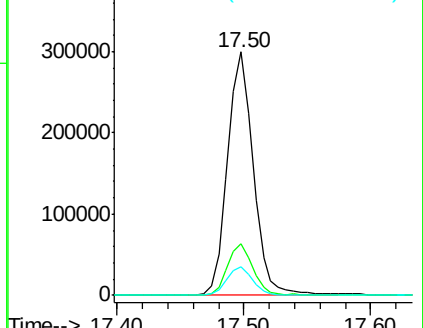
139 11.6 10.6 16.0



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: 32.099 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

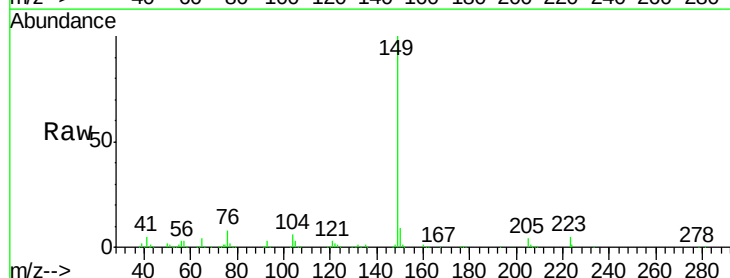
Tgt Ion:149 Resp: 468359

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

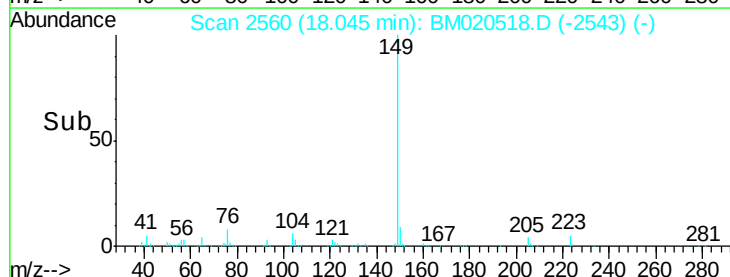
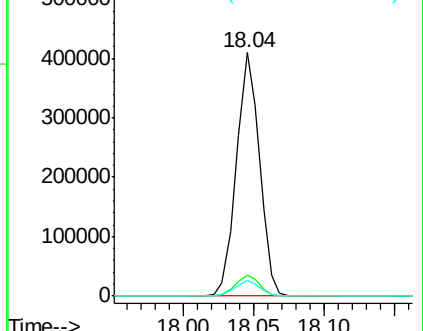
104 6.4 5.7 8.5

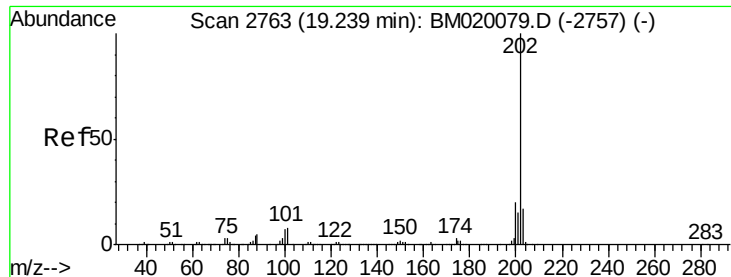


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.489 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

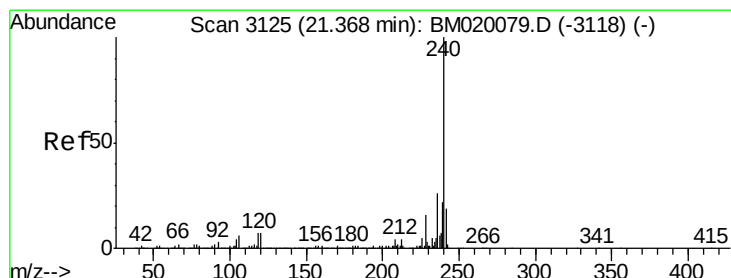
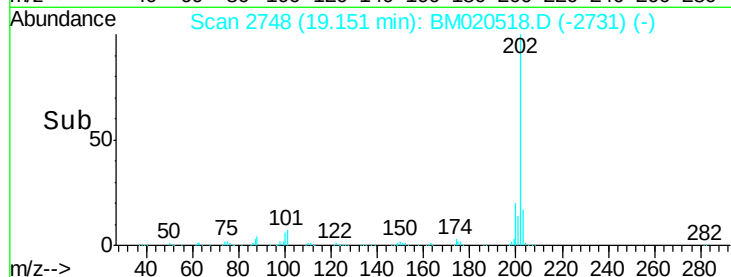
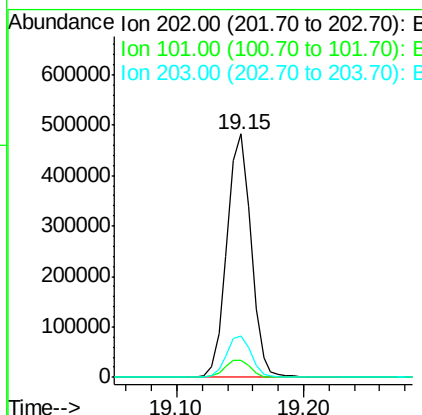
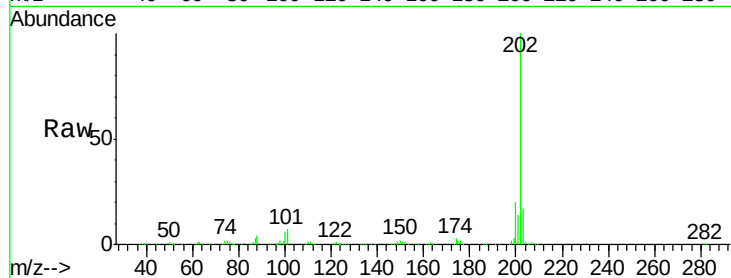
Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

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



#76

Chrysene-d12

Concen: 20.000 ng

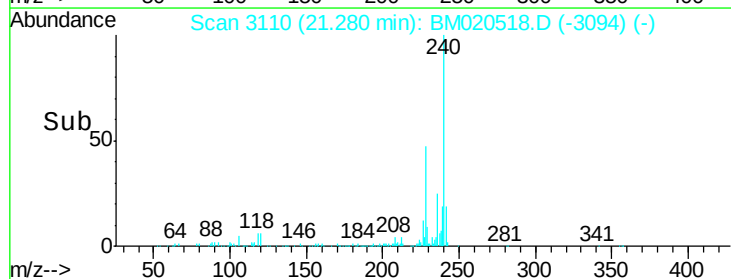
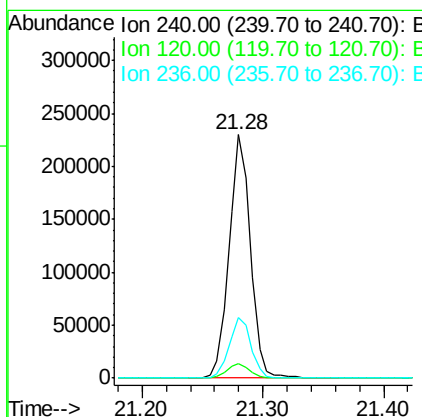
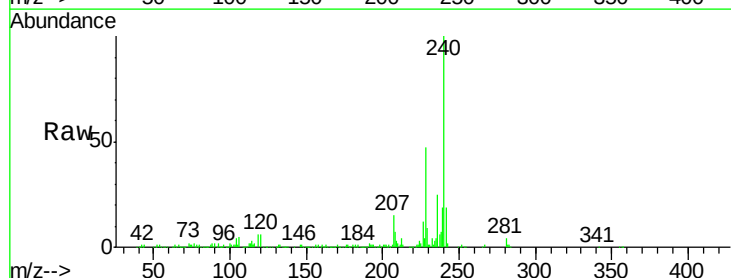
RT: 21.28 min Scan# 3110

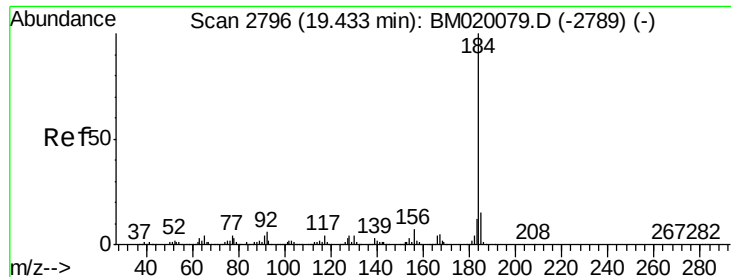
Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

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





#77

Benzidine

Concen: 11.966 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

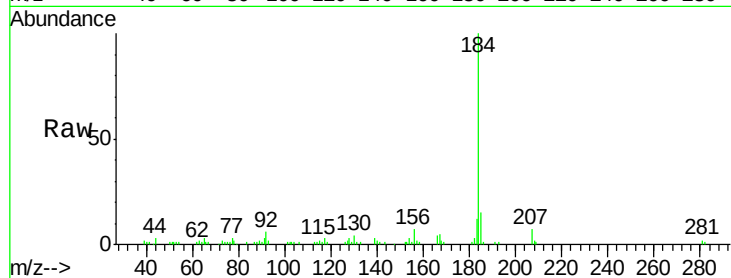
Tgt Ion:184 Resp: 108094

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

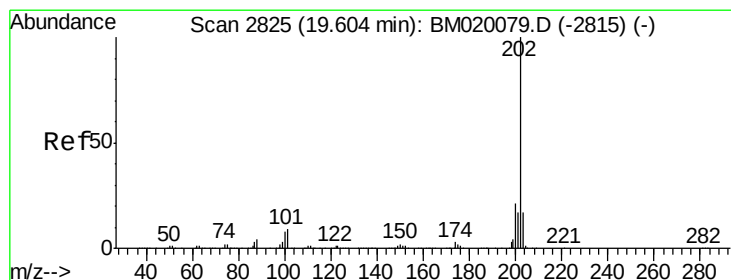
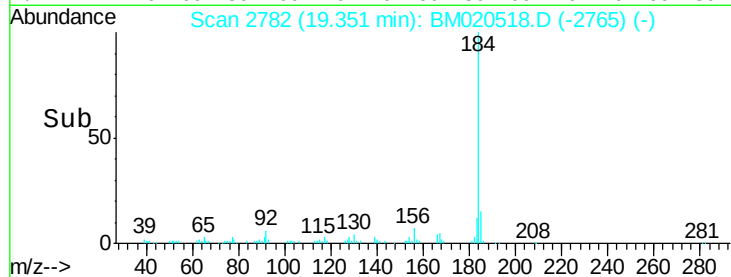
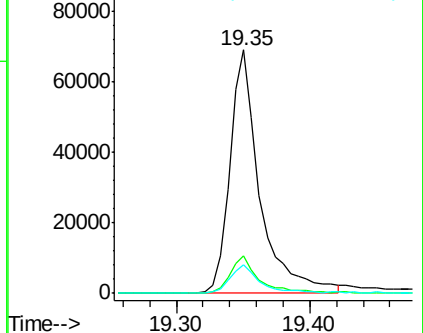
183 12.0 9.5 14.3



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: 34.514 ng

RT: 19.52 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

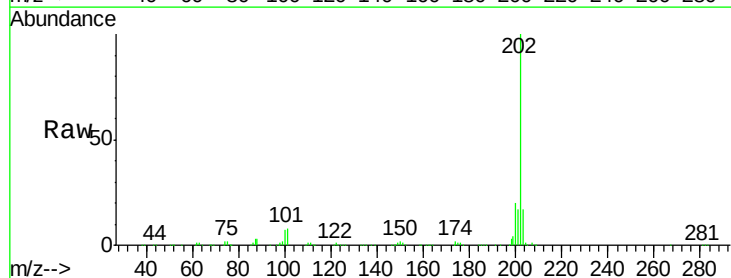
Tgt Ion:202 Resp: 654749

Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

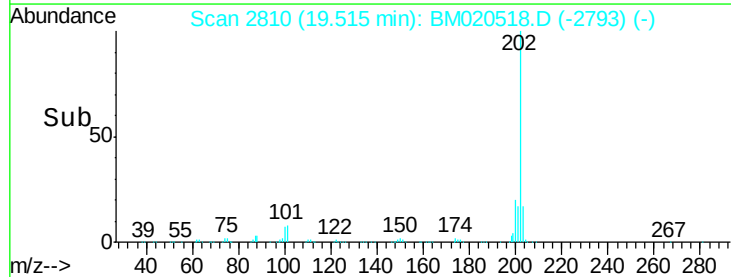
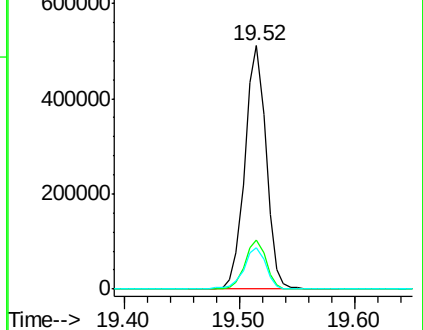
203 17.2 13.9 20.9

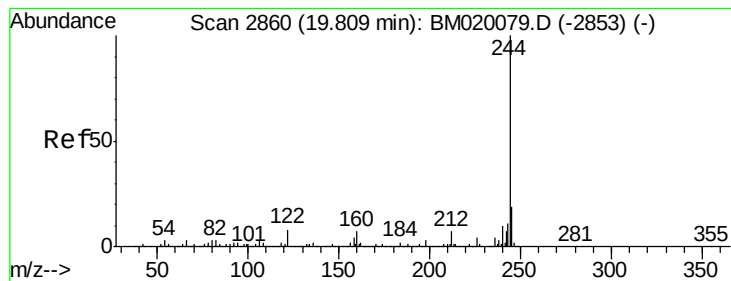


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.538 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

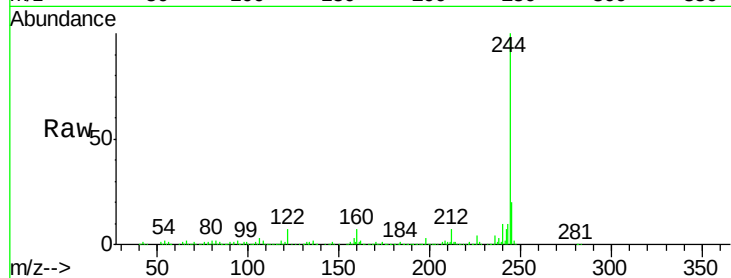
Tgt Ion:244 Resp: 1045485

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 7.0 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

19.72

800000

600000

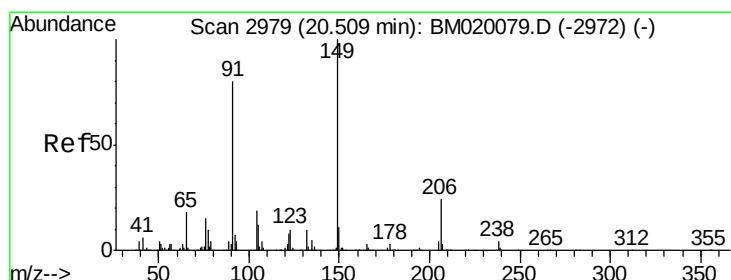
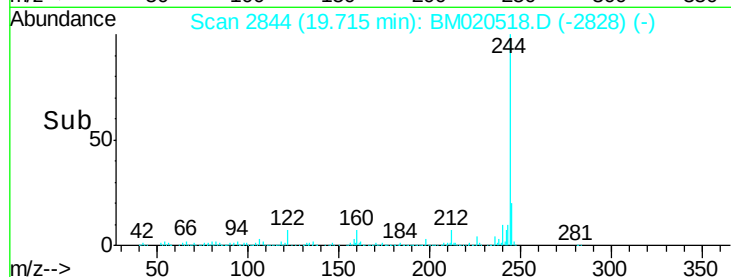
400000

200000

0

19.70 19.80

Time-->



#80

Butylbenzylphthalate

Concen: 30.353 ng

RT: 20.42 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

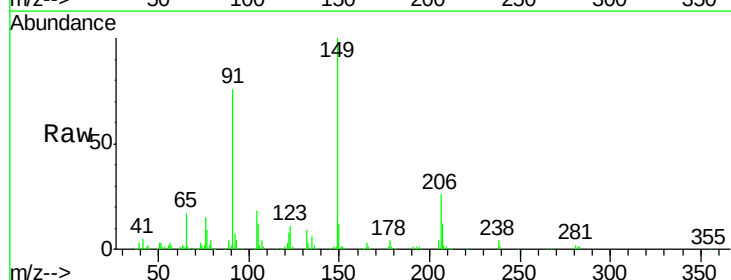
Tgt Ion:149 Resp: 209398

Ion Ratio Lower Upper

149 100

91 76.4 63.8 95.8

206 26.2 18.9 28.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

20.42

250000

200000

150000

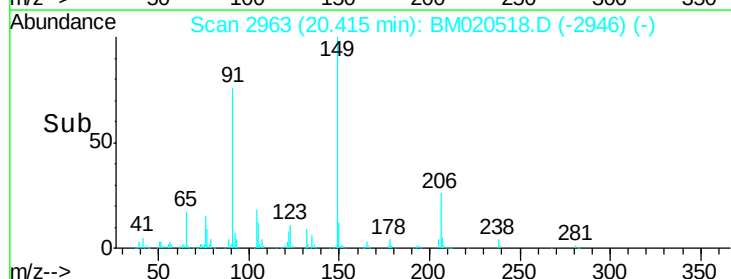
100000

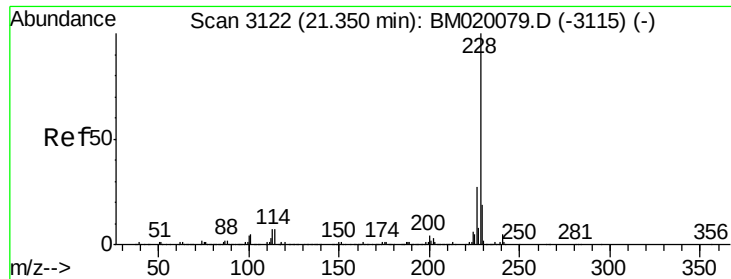
50000

0

20.35 20.40 20.45

Time-->

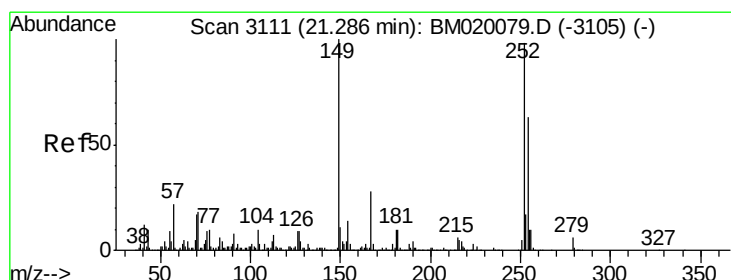
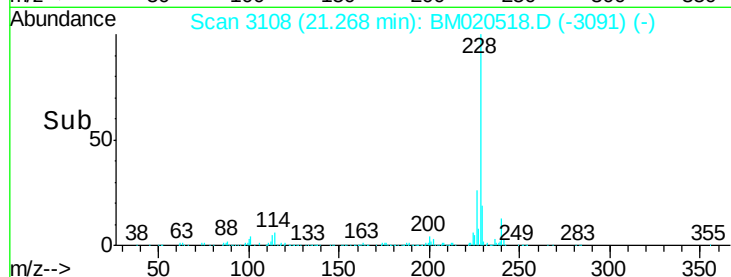
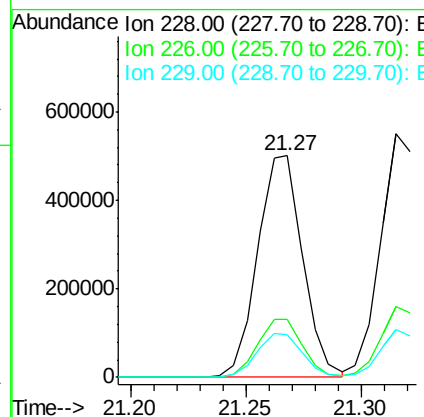
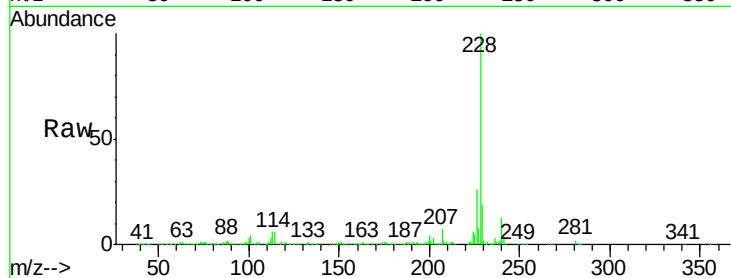




#81
Benzo(a)anthracene
Concen: 34.384 ng
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

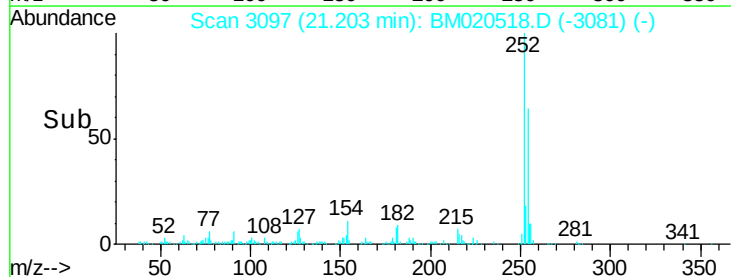
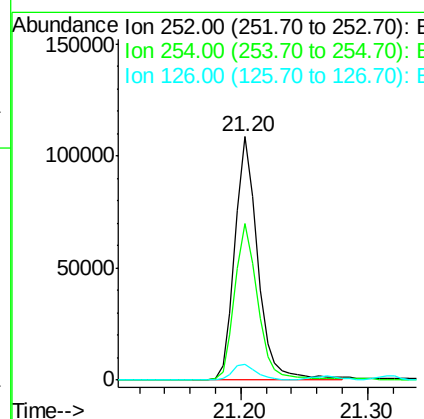
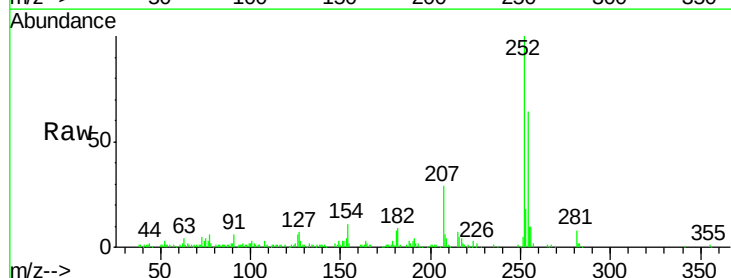
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

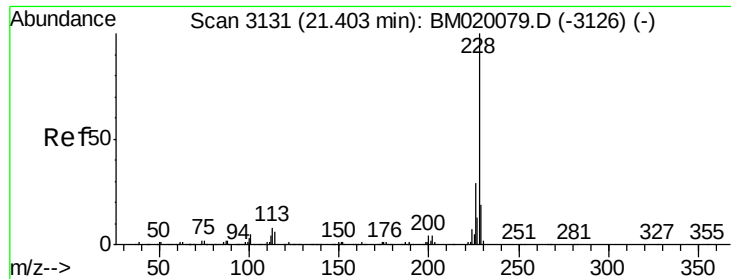
Tgt Ion:228 Resp: 681341
Ion Ratio Lower Upper
228 100
226 26.0 21.3 31.9
229 19.4 15.5 23.3



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

Tgt Ion:252 Resp: 136481
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 6.5 7.1 10.7#





#83

Chrysene

Concen: 35.808 ng

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

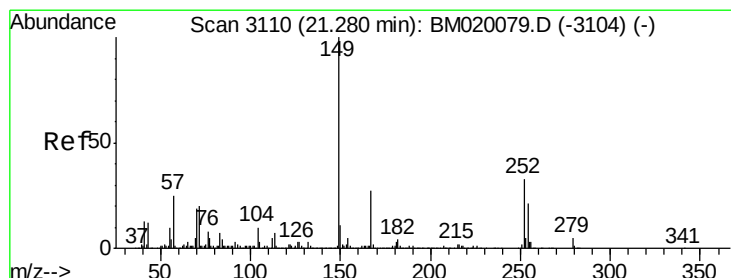
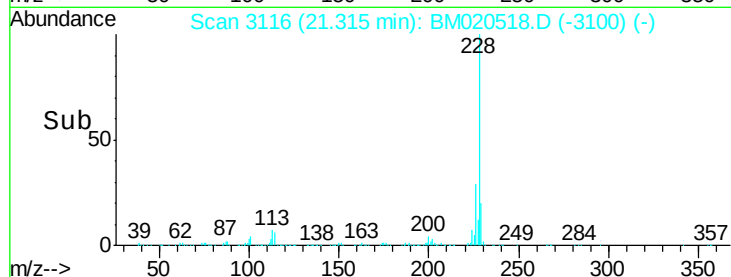
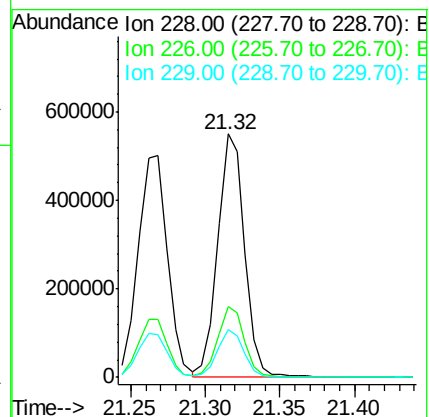
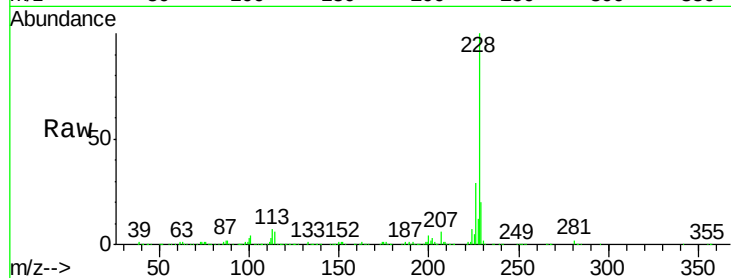
Tgt Ion:228 Resp: 688159

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.790 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

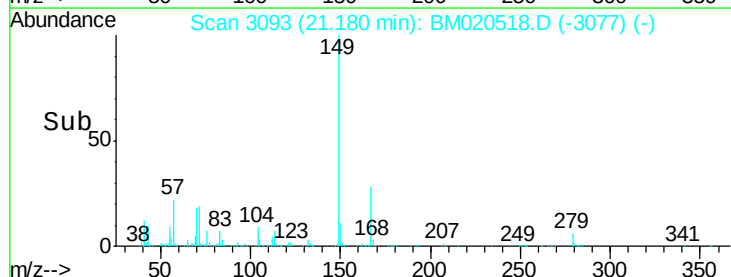
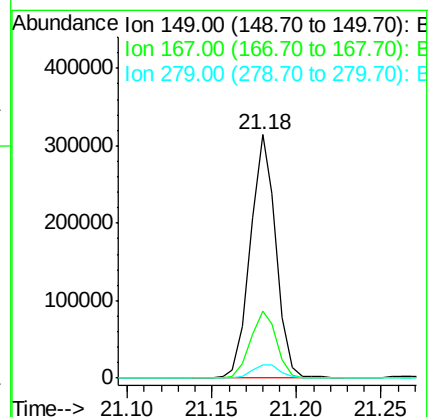
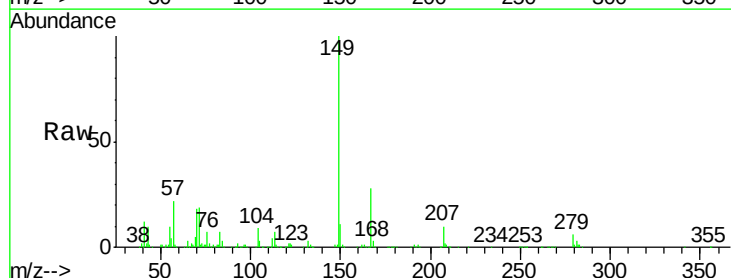
Tgt Ion:149 Resp: 329599

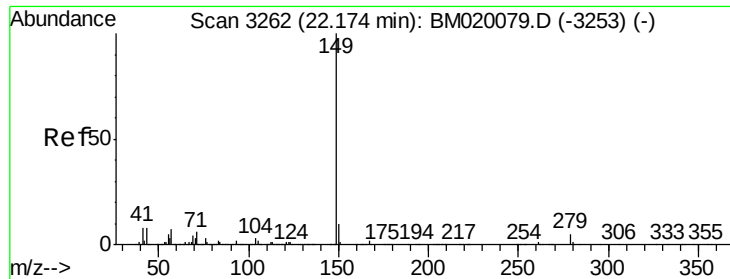
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 5.7 4.2 6.2

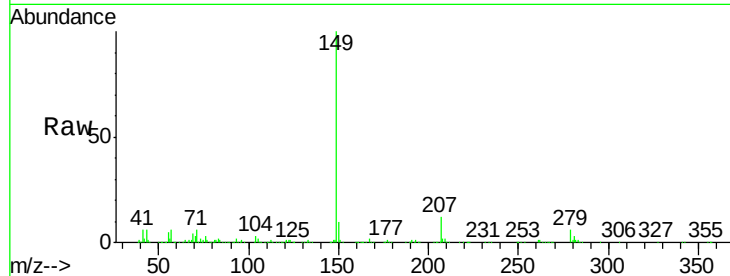




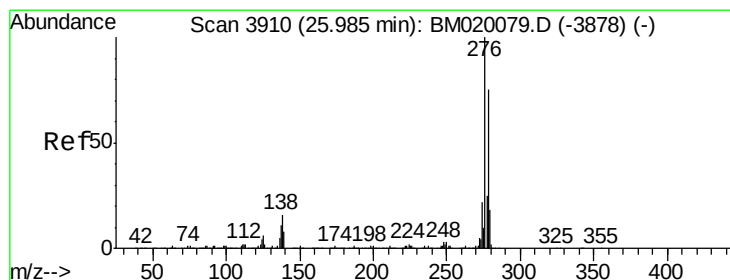
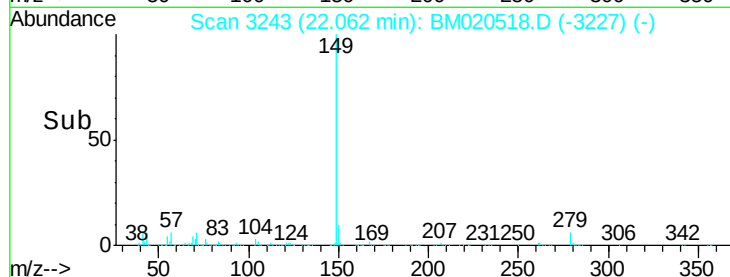
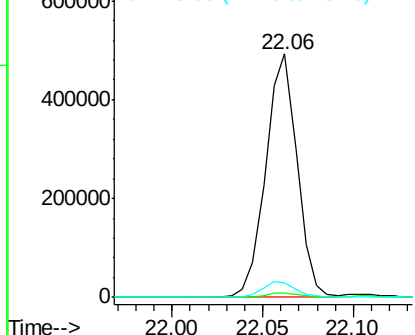
#85
Di-n-octyl phthalate
Concen: 33.193 ng
RT: 22.06 min Scan# 3243
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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

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

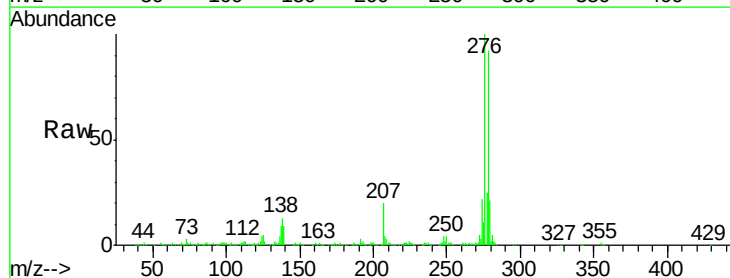


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0

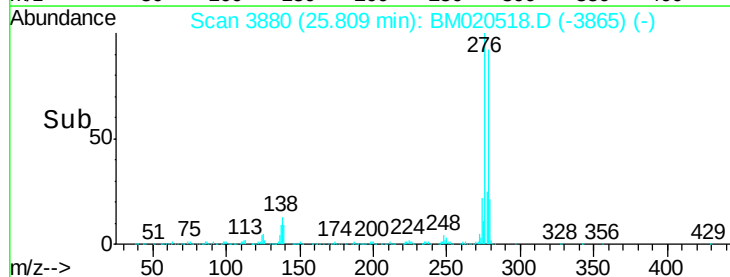
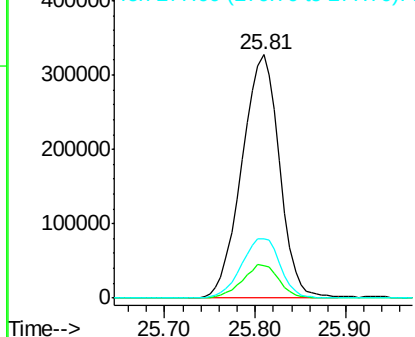


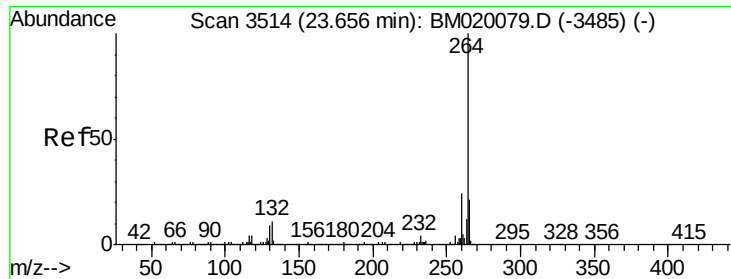
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.304 ng
RT: 25.81 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

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

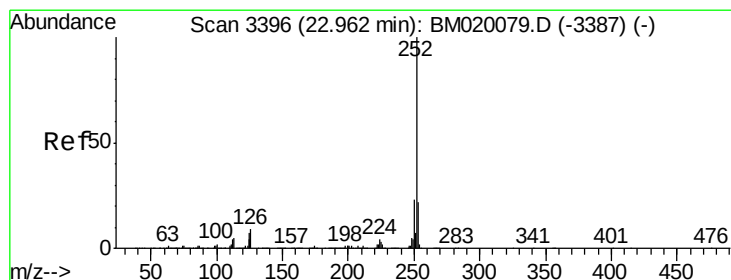
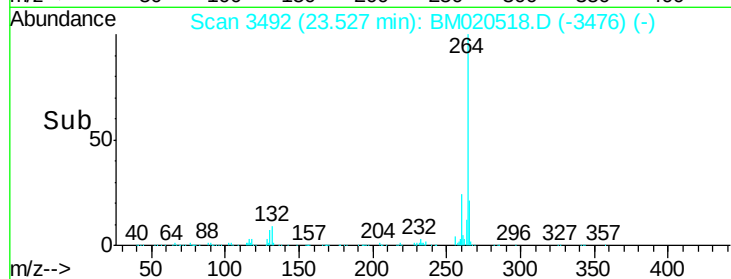
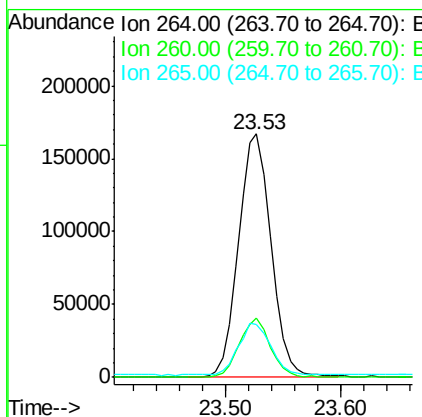
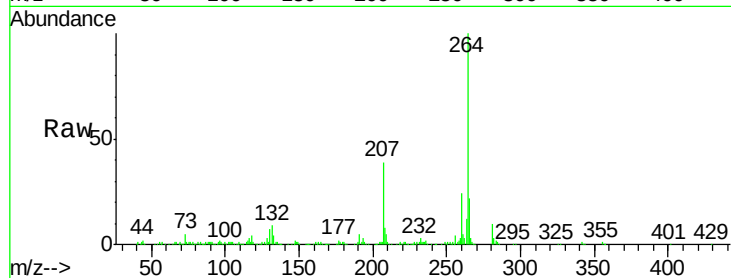




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

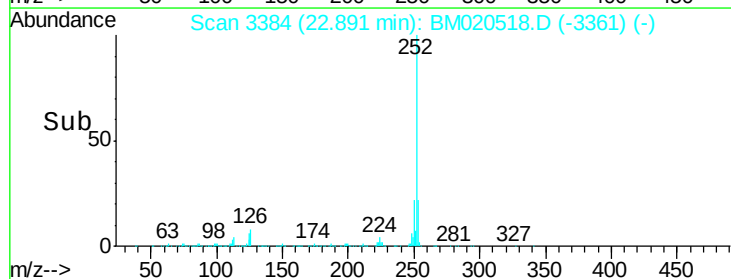
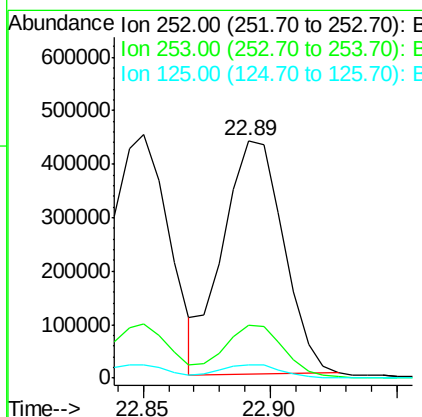
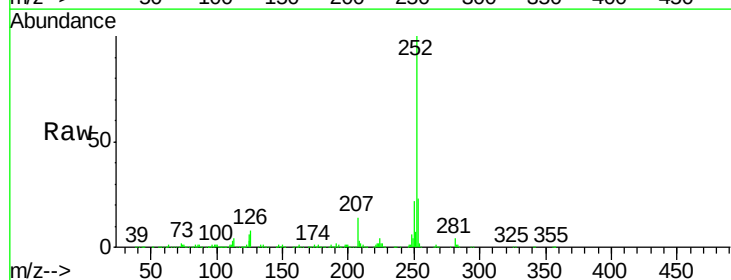
Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

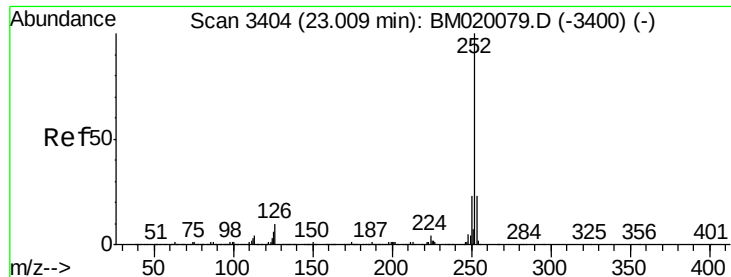
Tgt Ion:	264	Resp:	328006
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 33.431 ng
RT: 22.89 min Scan# 3384
Delta R.T. 0.04 min
Lab File: BM020518.D
Acq: 23 May 2019 16:32

Tgt Ion:	252	Resp:	724097
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	5.7	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 37.928 ng

RT: 22.89 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

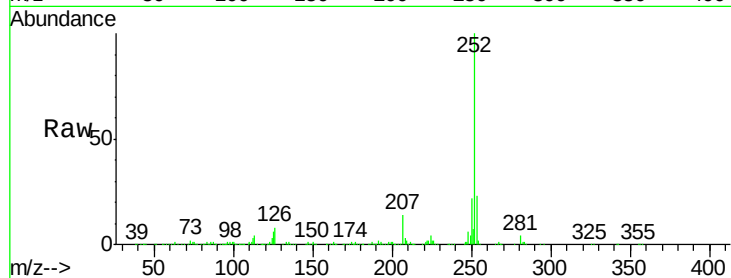
Tgt Ion:252 Resp: 749378

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

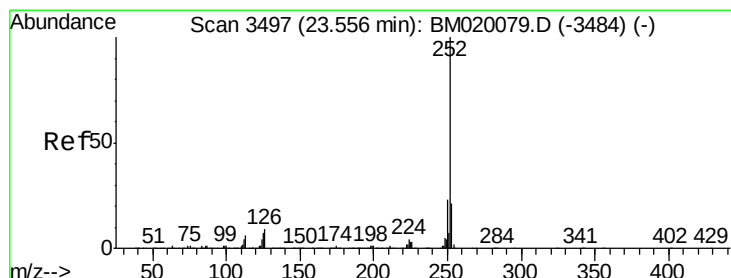
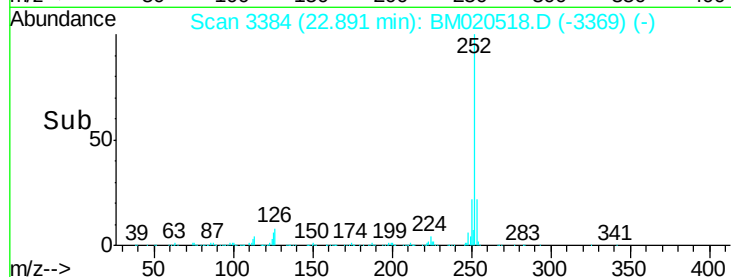
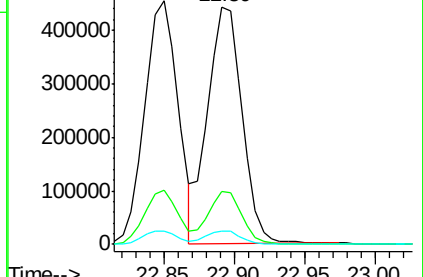
125 5.7 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.781 ng

RT: 23.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

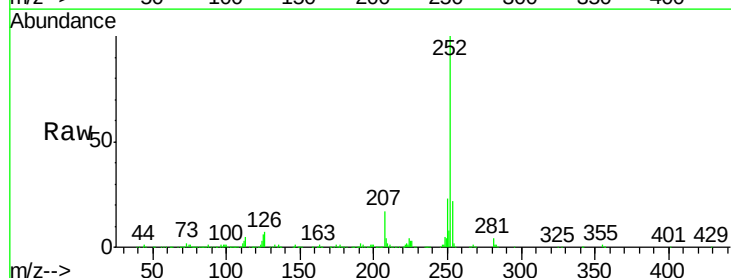
Tgt Ion:252 Resp: 743309

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

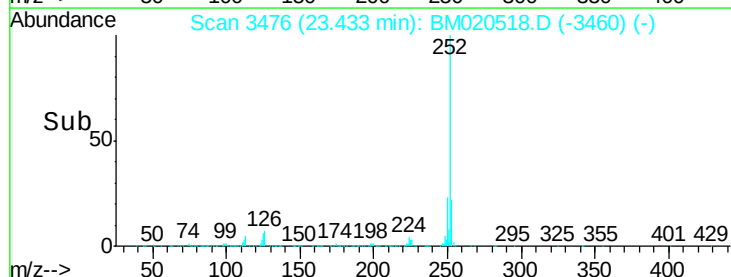
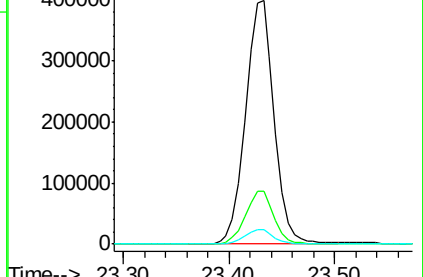
125 5.9 5.5 8.3

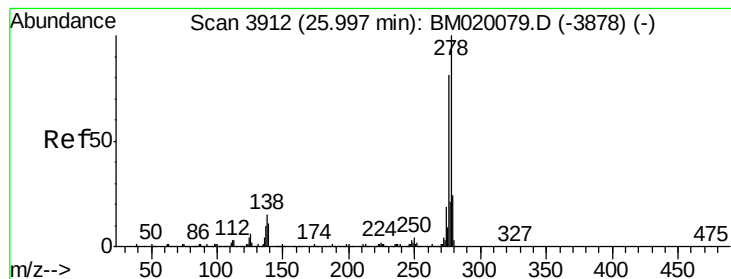


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.558 ng

RT: 25.81 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)MSD

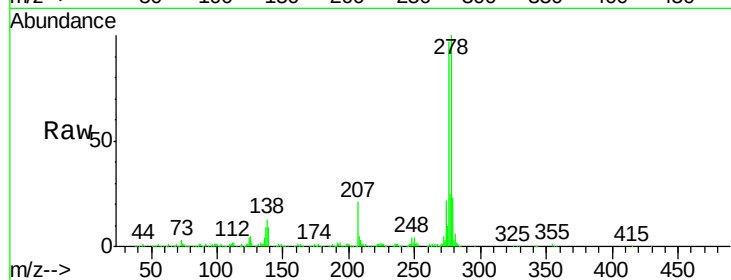
Tgt Ion: 278 Resp: 809374

Ion Ratio Lower Upper

278 100

139 8.9 8.6 13.0

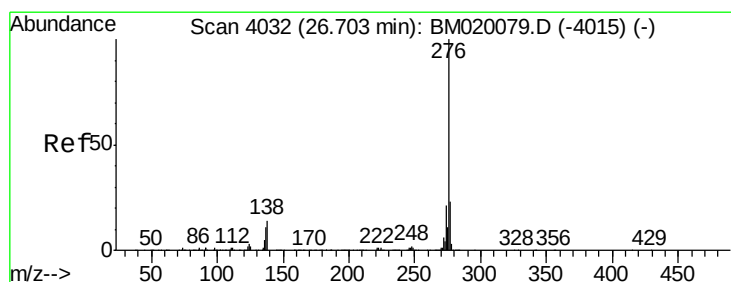
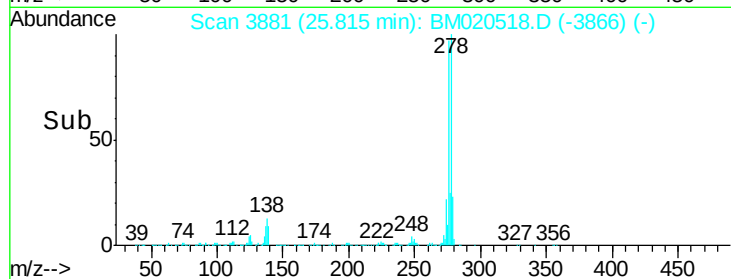
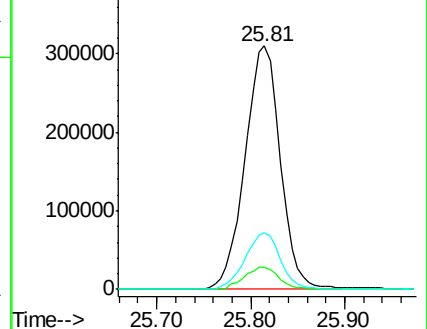
279 23.2 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.746 ng

RT: 26.51 min Scan# 3999

Delta R.T. -0.01 min

Lab File: BM020518.D

Acq: 23 May 2019 16:32

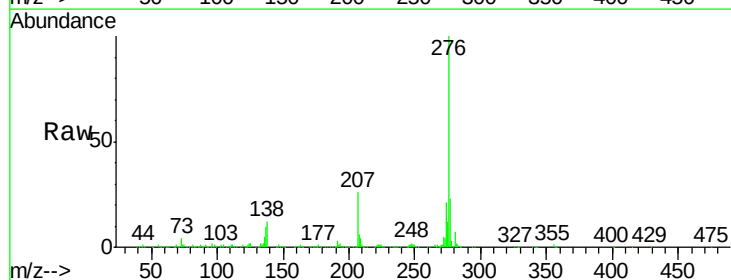
Tgt Ion: 276 Resp: 791500

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 11.8 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

