

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020537.D
 Acq On : 24 May 2019 04:00
 Operator : JU/SJ
 Sample : K2993-17MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 06:07:31 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	7.66	152	48800	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	160825	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	99999	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	256825	20.00	ng	0.00
76) Chrysene-d12	21.27	240	309453	20.00	ng	-0.01
87) Perylene-d12	23.51	264	352137	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	302093	101.19	ng	0.00
7) Phenol-d6	6.84	99	392584	96.26	ng	-0.01
23) Nitrobenzene-d5	8.83	82	254857	62.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	189420	122.04	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	517827	63.71	ng	0.00
79) Terphenyl-d14	19.71	244	1035584	58.37	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	45686	31.202	ng	# 83
3) Pyridine	3.58	79	82432	22.013	ng	# 88
4) n-Nitrosodimethylamine	3.50	42	30392	25.309	ng	# 46
6) Aniline	7.00	93	78944	15.376	ng	96
8) 2-Chlorophenol	7.23	128	103142	31.729	ng	96
9) Benzaldehyde	6.82	77	68739	22.268	ng	96
10) Phenol	6.87	94	146476	33.361	ng	86
11) bis(2-Chloroethyl)ether	7.10	93	98023	30.716	ng	92
12) 1,3-Dichlorobenzene	7.55	146	118196	31.251	ng	94
13) 1,4-Dichlorobenzene	7.70	146	120665	31.582	ng	98
14) 1,2-Dichlorobenzene	8.01	146	115988	31.864	ng	98
15) Benzyl Alcohol	7.92	79	90312	22.964	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	61779	23.347	ng	89
17) 2-Methylphenol	8.11	107	83839	29.662	ng	95
18) Hexachloroethane	8.73	117	45551	28.593	ng	# 87
19) n-Nitroso-di-n-propylamine	8.47	70	86502	24.790	ng	92
20) 3+4-Methylphenols	8.44	107	109804	29.231	ng	97
22) Acetophenone	8.50	105	155327	35.339	ng	# 94
24) Nitrobenzene	8.88	77	135417	32.062	ng	93
25) Isophorone	9.40	82	219818	31.292	ng	98
26) 2-Nitrophenol	9.58	139	45235	35.475	ng	93
27) 2,4-Dimethylphenol	9.64	122	75440	35.537	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	117360	30.675	ng	96
29) 2,4-Dichlorophenol	10.11	162	97364	36.372	ng	95
30) 1,2,4-Trichlorobenzene	10.32	180	124389	37.765	ng	96
31) Naphthalene	10.50	128	280704	33.634	ng	99
32) Benzoic acid	9.74	122	11884	13.395	ng	84
33) 4-Chloroaniline	10.64	127	46367	13.498	ng	96
34) Hexachlorobutadiene	10.77	225	90060	38.652	ng	97
35) Caprolactam	11.45	113	20657	25.808	ng	# 85
36) 4-Chloro-3-methylphenol	11.76	107	96714	30.745	ng	97
37) 2-Methylnaphthalene	12.13	142	201672	33.146	ng	98
38) 1-Methylnaphthalene	12.35	142	194636	32.714	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	155804	39.824	ng	# 96

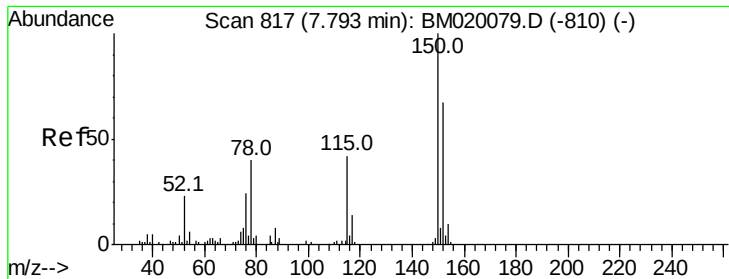
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020537.D
 Acq On : 24 May 2019 04:00
 Operator : JU/SJ
 Sample : K2993-17MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 06:07:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	118288	51.349	ng	96
43) 2,4,6-Trichlorophenol	12.75	196	88343	39.732	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	90802	36.555	ng	95
46) 1,1'-Biphenyl	13.15	154	275589	33.482	ng	97
47) 2-Chloronaphthalene	13.19	162	224899	34.222	ng	97
48) 2-Nitroaniline	13.42	65	54880	23.457	ng	92
49) Acenaphthylene	14.04	152	334423	31.797	ng	99
50) Dimethylphthalate	13.79	163	336986	39.649	ng	99
51) 2,6-Dinitrotoluene	13.92	165	57839	32.311	ng	90
52) Acenaphthene	14.39	154	198262	32.873	ng	98
53) 3-Nitroaniline	14.26	138	30583	18.408	ng	100
54) 2,4-Dinitrophenol	14.47	184	21341	29.752	ng	96
55) Dibenzofuran	14.73	168	355837	34.978	ng	95
56) 4-Nitrophenol	14.57	139	76668	54.085	ng	91
57) 2,4-Dinitrotoluene	14.72	165	81863	33.655	ng	94
58) Fluorene	15.38	166	279953	33.507	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	96318	40.804	ng	# 91
60) Diethylphthalate	15.15	149	263170	30.734	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	175645	37.103	ng	89
62) 4-Nitroaniline	15.42	138	37497	20.451	ng	94
63) Azobenzene	15.67	77	294465	29.150	ng	96
65) 4,6-Dinitro-2-methylphenol	15.48	198	28254	25.712	ng	91
66) n-Nitrosodiphenylamine	15.59	169	243775	32.257	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	110518	35.092	ng	92
68) Hexachlorobenzene	16.37	284	136134	37.564	ng	94
69) Atrazine	16.55	200	87263	29.547	ng	96
70) Pentachlorophenol	16.73	266	141202	68.097	ng	96
71) Phenanthrene	17.12	178	473684	33.412	ng	99
72) Anthracene	17.22	178	467324	32.970	ng	100
73) Carbazole	17.49	167	391302	30.595	ng	99
74) Di-n-butylphthalate	18.04	149	441185	28.664	ng	99
75) Fluoranthene	19.14	202	621085	34.625	ng	99
77) Benzidine	19.34	184	31259	3.160	ng	98
78) Pyrene	19.51	202	638333	30.724	ng	99
80) Butylbenzylphthalate	20.41	149	179904	23.811	ng	95
81) Benzo(a)anthracene	21.26	228	680204	31.343	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	136579	16.489	ng	# 96
83) Chrysene	21.31	228	674697	32.056	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	279840	23.869	ng	98
85) Di-n-octyl phthalate	22.05	149	510850	26.216	ng	96
86) Indeno(1,2,3-cd)pyrene	25.79	276	904955	36.148	ng	# 100
88) Benzo(b)fluoranthene	22.84	252	775183	33.337	ng	99
89) Benzo(k)fluoranthene	22.84	252	770893	36.344	ng	98
90) Benzo(a)pyrene	23.41	252	728212	34.477	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	785578	35.764	ng	# 97
92) Benzo(g,h,i)perylene	26.49	276	755094	36.208	ng	96

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

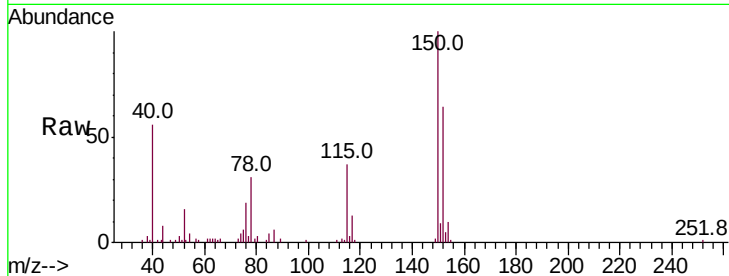


#1

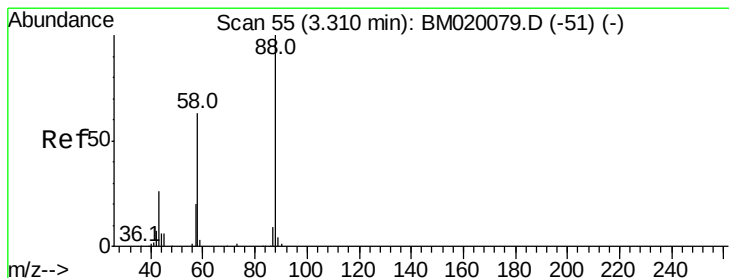
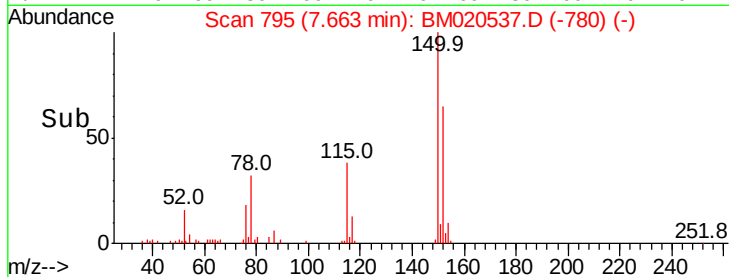
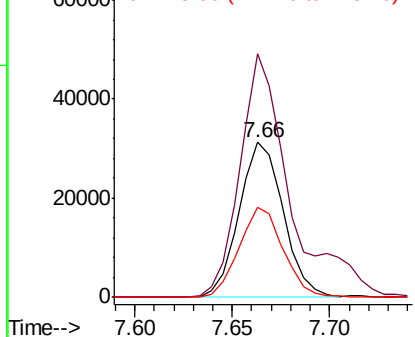
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 48800
Ion Ratio Lower Upper
152 100
150 157.4 119.8 179.8
115 58.3 50.8 76.2



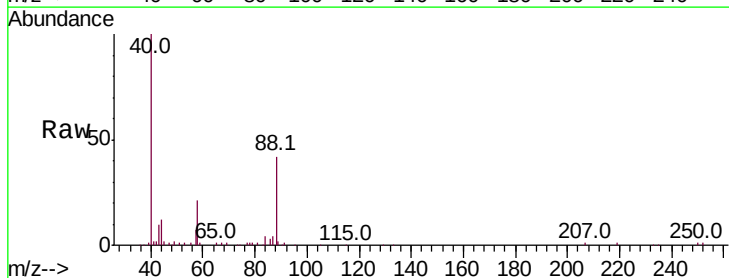
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



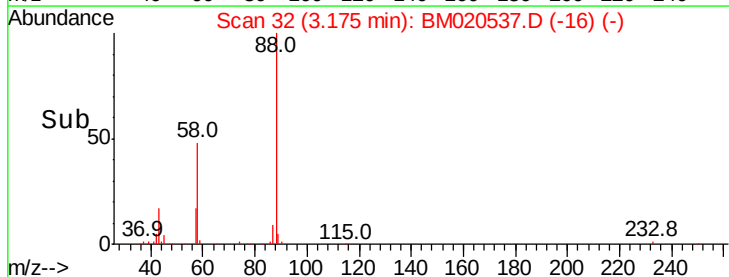
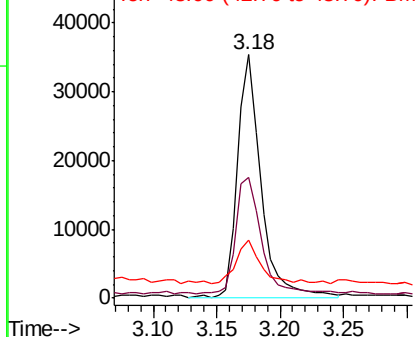
#2

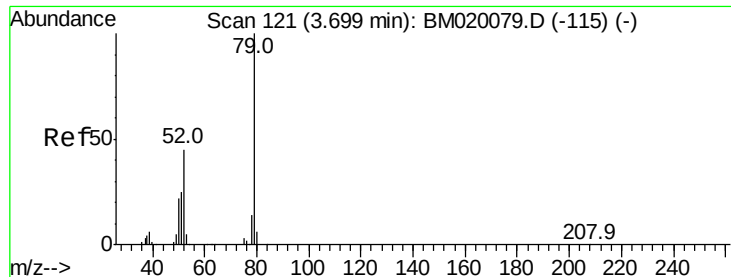
1,4-Dioxane
Concen: 31.202 ng
RT: 3.18 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion: 88 Resp: 45686
Ion Ratio Lower Upper
88 100
58 50.6 51.8 77.6#
43 18.7 20.3 30.5#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 22.013 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampled :

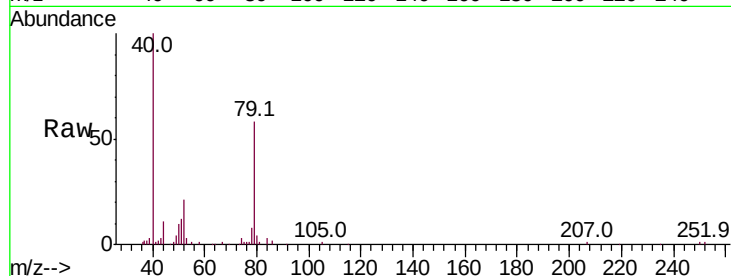
Tot Ion: 79 Resp: 82432

Ion Ratio Lower Upper

79 100

52 36.1 35.7 53.5

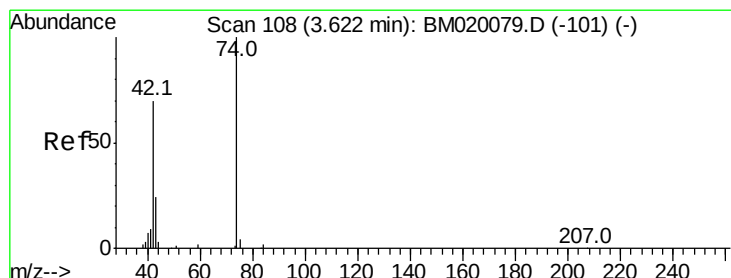
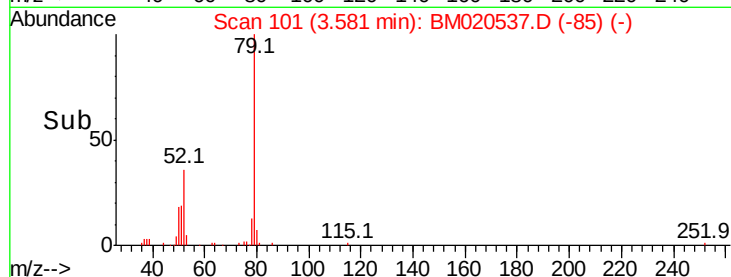
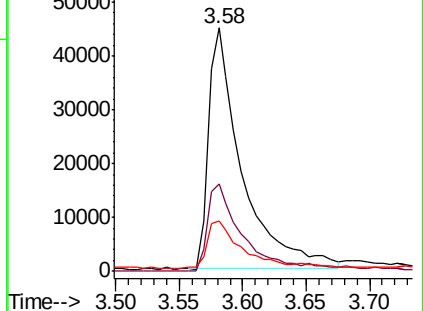
51 20.5 20.8 31.2#



Abundance Ion 79.00 (78.70 to 79.70): BM020537.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020537.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020537.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 25.309 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

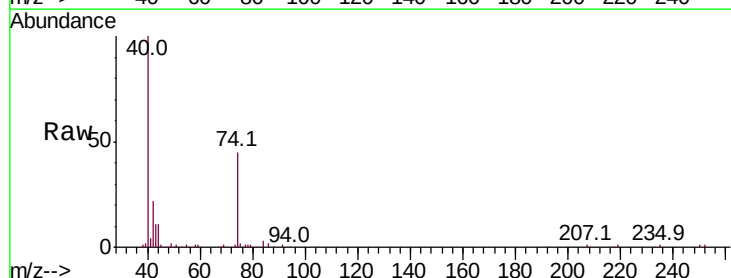
Tgt Ion: 42 Resp: 30392

Ion Ratio Lower Upper

42 100

74 204.4 113.7 170.5#

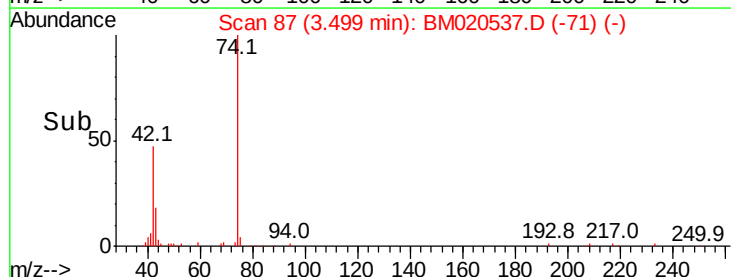
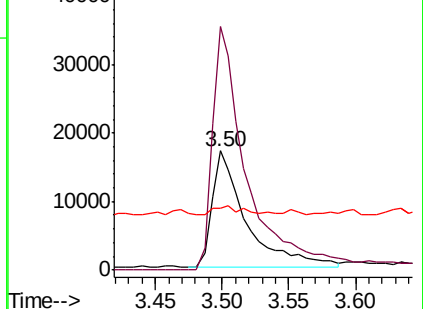
44 51.7 3.9 5.9#

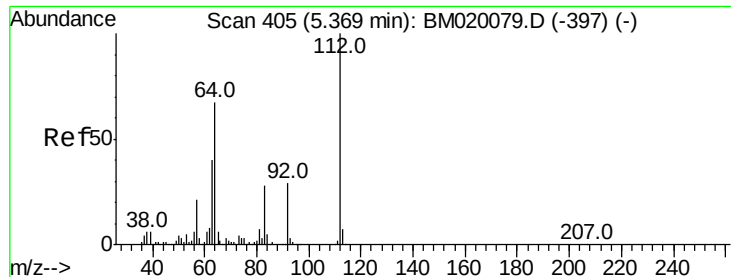


Abundance Ion 42.00 (41.70 to 42.70): BM020537.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM020537.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM020537.D (-71) (-)





#5

2-Fluorophenol

Concen: 101.188 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

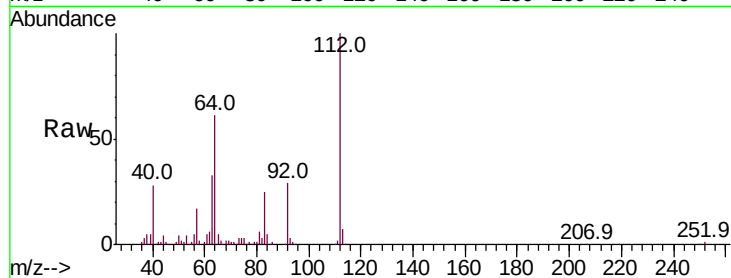
Tot Ion:112 Resp: 302093

Ion Ratio Lower Upper

112 100

64 60.6 53.8 80.6

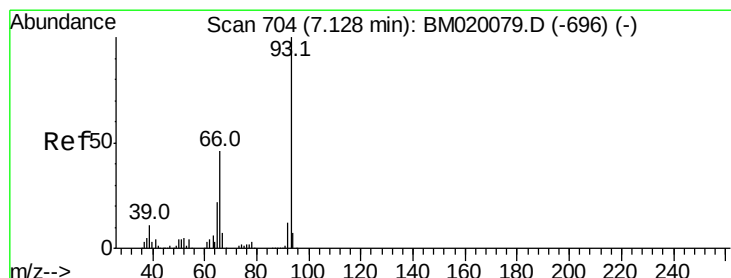
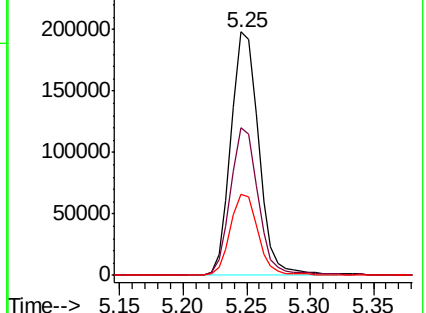
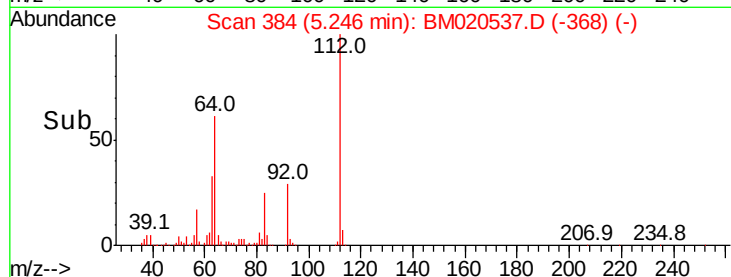
63 33.4 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 15.376 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

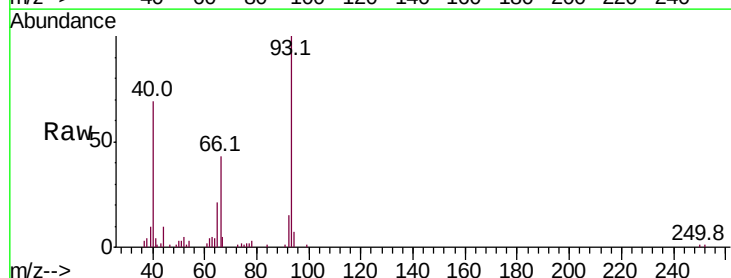
Tgt Ion: 93 Resp: 78944

Ion Ratio Lower Upper

93 100

66 42.6 36.6 54.8

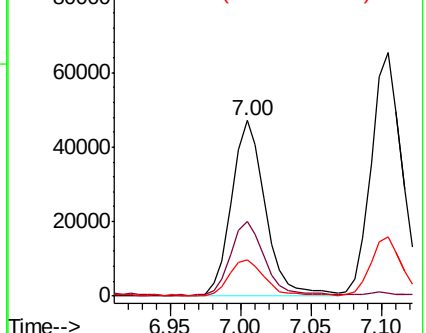
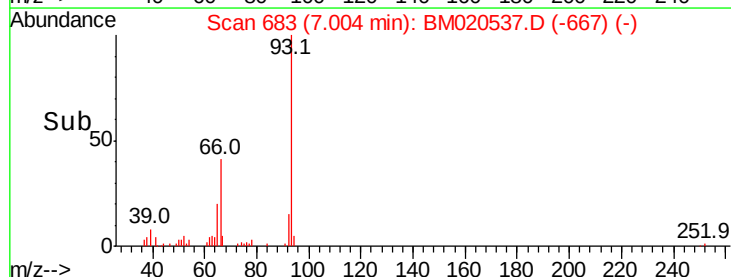
65 20.6 17.8 26.6

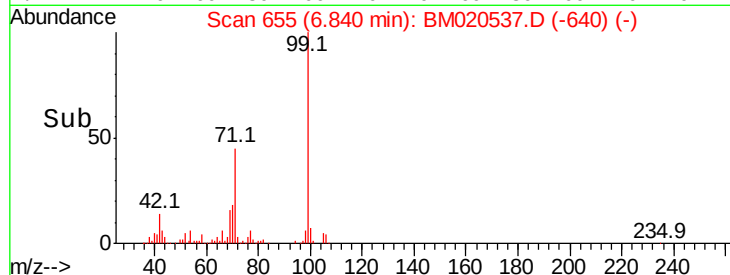
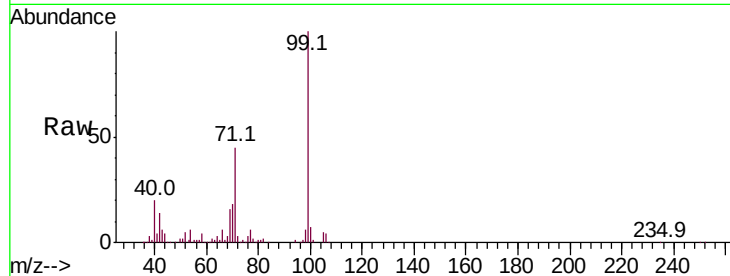
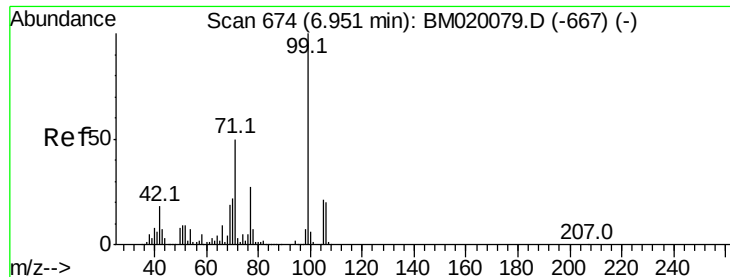


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 96.256 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

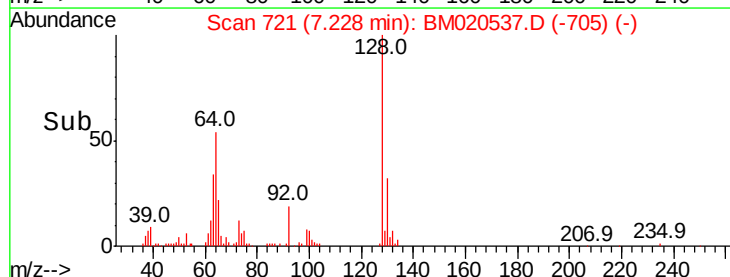
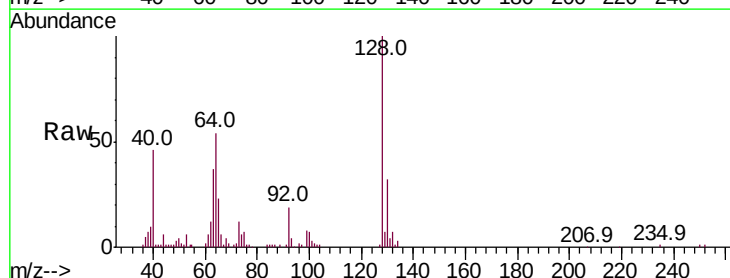
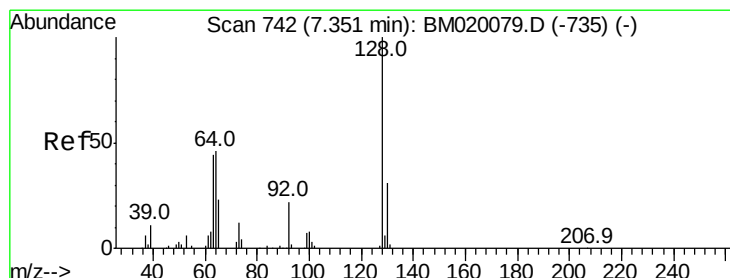
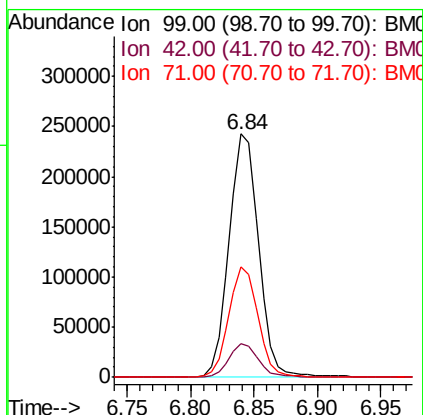
Tot Ion: 99 Resp: 392584

Ion Ratio Lower Upper

99 100

42 13.7 14.2 21.2#

71 45.3 40.3 60.5



#8

2-Chlorophenol

Concen: 31.729 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

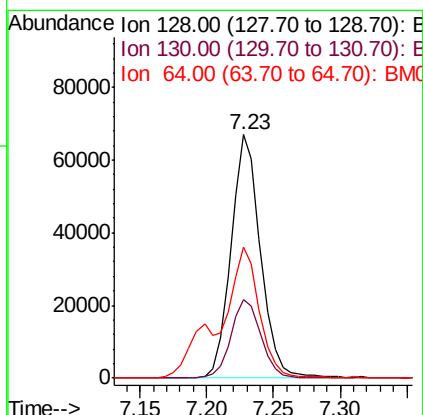
Tgt Ion: 128 Resp: 103142

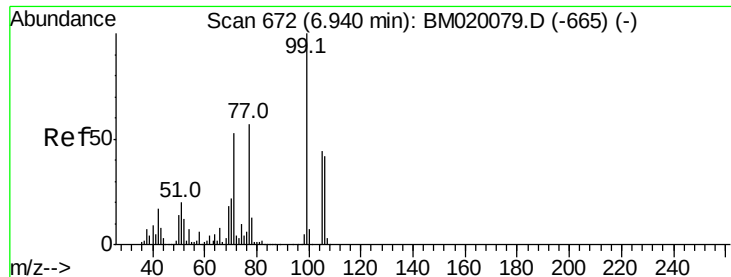
Ion Ratio Lower Upper

128 100

130 32.4 10.8 50.8

64 53.6 36.5 76.5





#9

Benzaldehyde

Concen: 22.268 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampled :

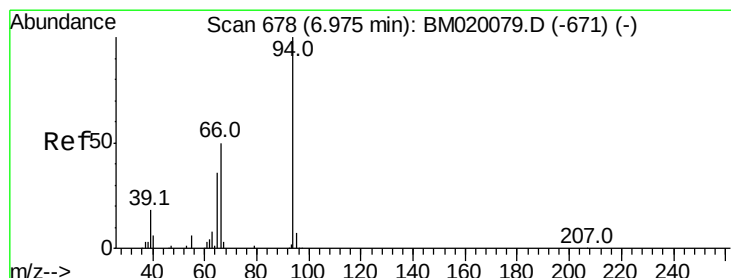
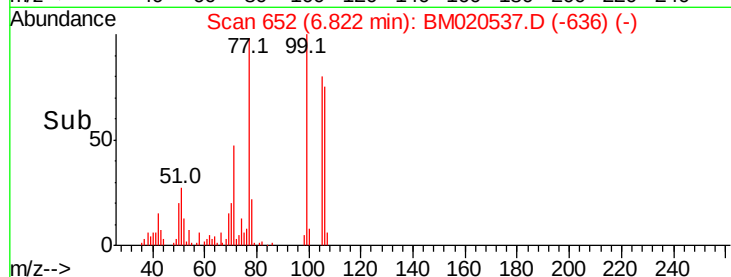
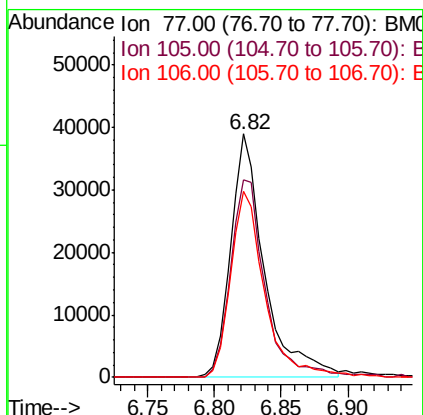
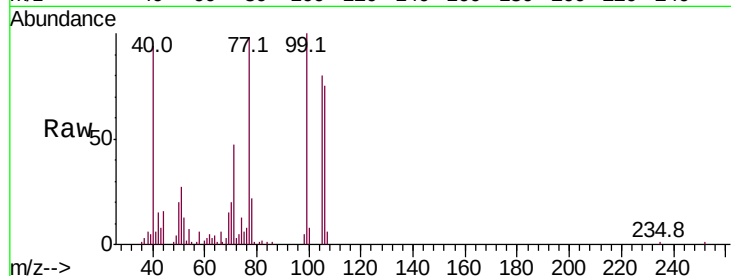
Tot Ion: 77 Resp: 68739

Ion Ratio Lower Upper

77 100

105 81.3 57.8 97.8

106 76.1 53.6 93.6



#10

Phenol

Concen: 33.361 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

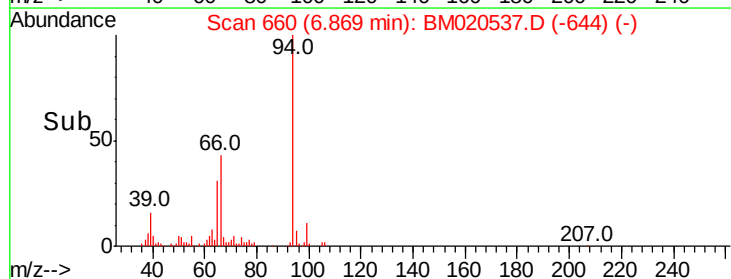
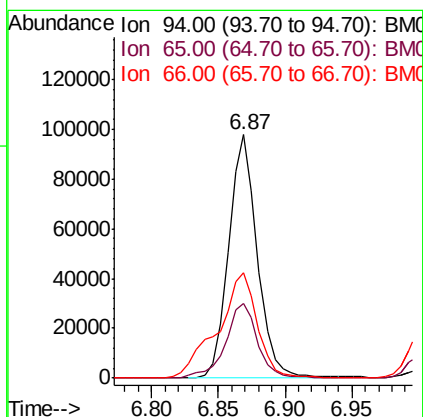
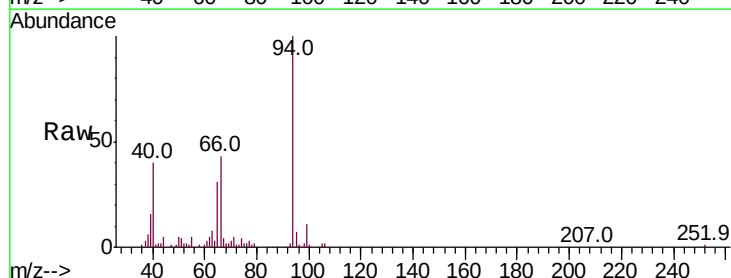
Tgt Ion: 94 Resp: 146476

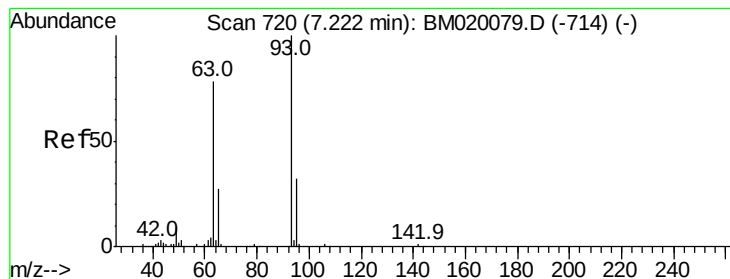
Ion Ratio Lower Upper

94 100

65 30.7 17.0 57.0

66 43.1 34.5 74.5

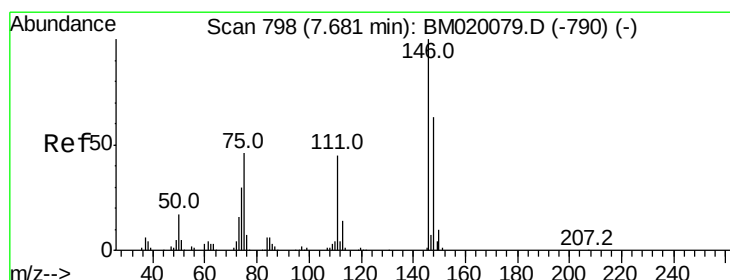
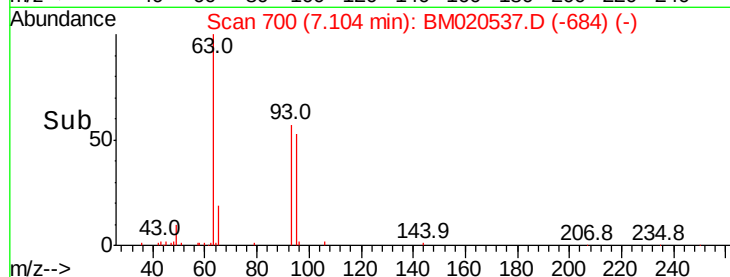
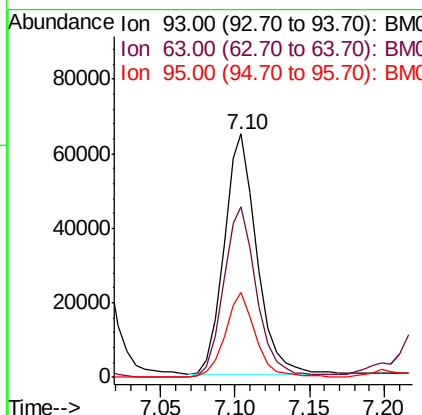
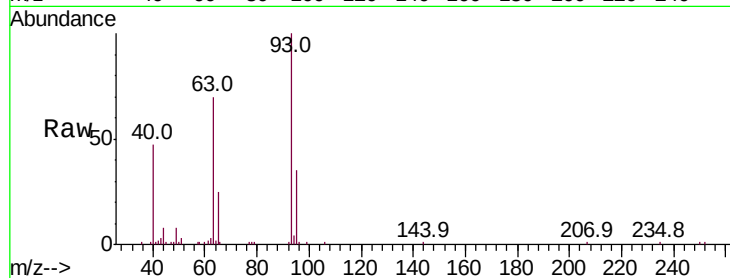




#11
bis(2-Chloroethyl)ether
Concen: 30.716 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

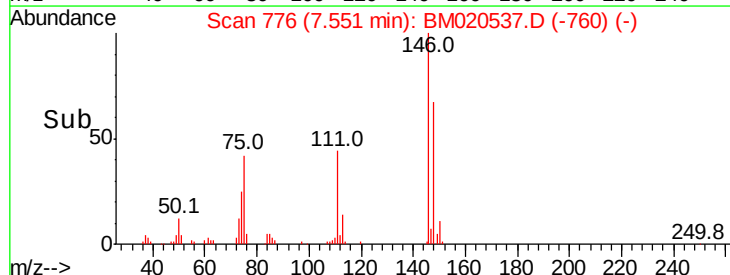
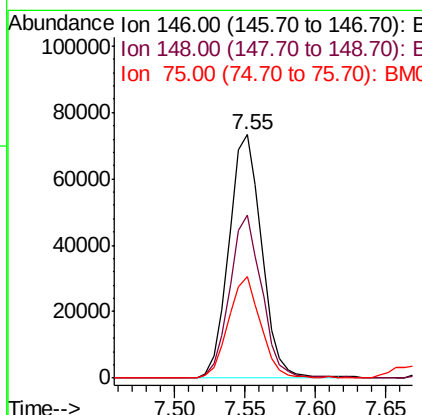
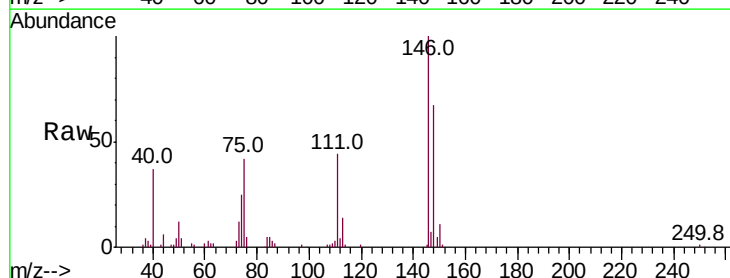
Instrument :
BNA_M
ClientSampled :

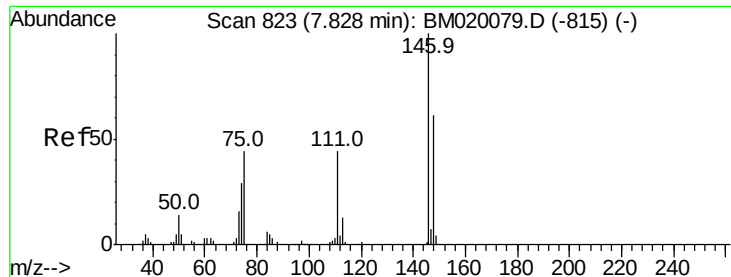
Tot Ion: 93 Resp: 98023
Ion Ratio Lower Upper
93 100
63 70.1 57.9 97.9
95 35.0 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 31.251 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion: 146 Resp: 118196
Ion Ratio Lower Upper
146 100
148 67.0 50.1 75.1
75 41.6 37.2 55.8

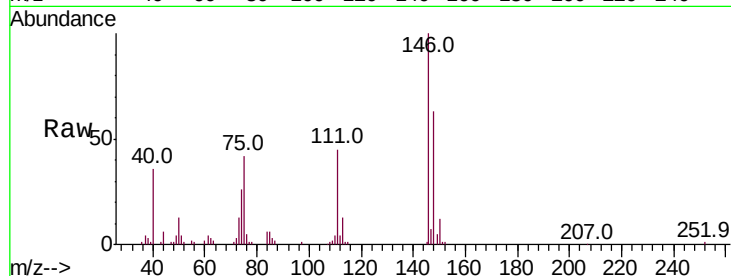




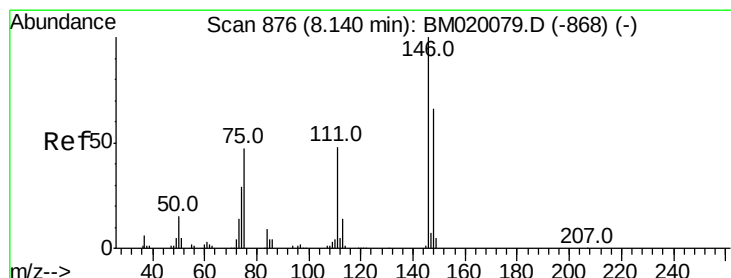
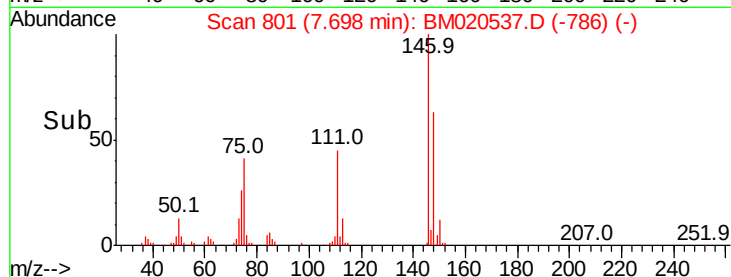
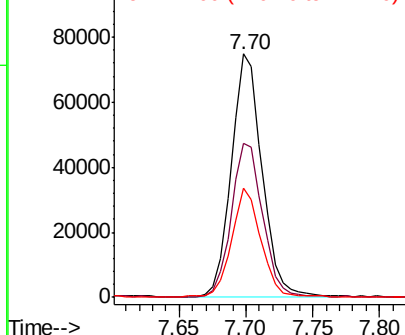
#13
1,4-Dichlorobenzene
Concen: 31.582 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:146 Resp: 120665
Ion Ratio Lower Upper
146 100
148 63.5 48.5 72.7
111 44.9 35.7 53.5

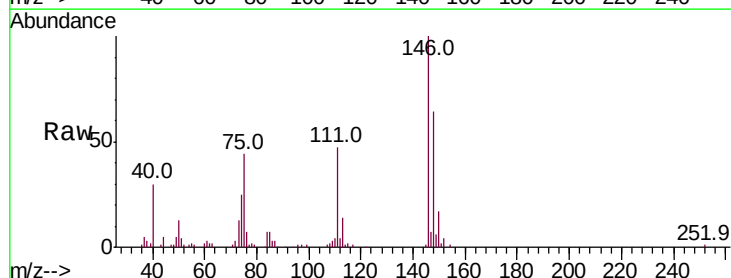


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

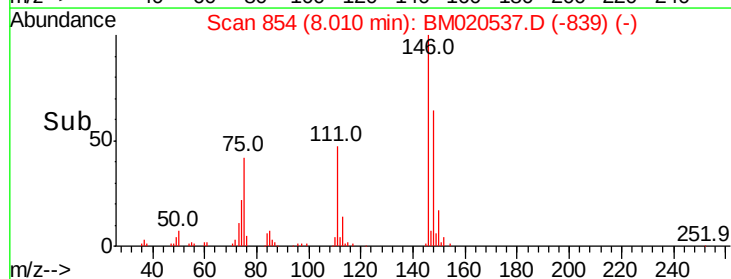
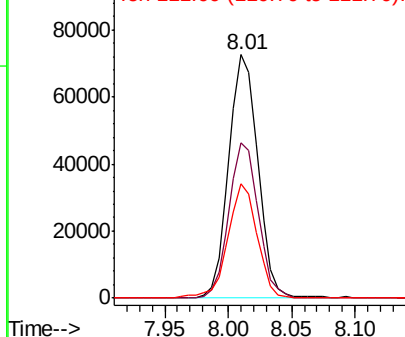


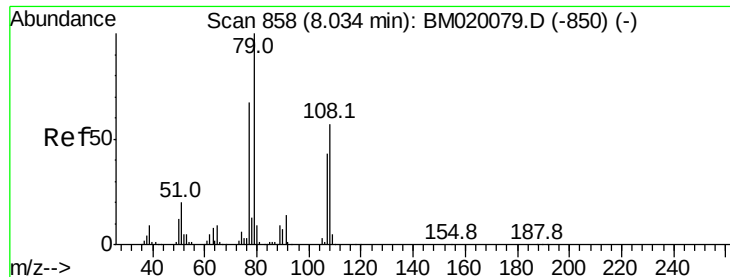
#14
1,2-Dichlorobenzene
Concen: 31.864 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion:146 Resp: 115988
Ion Ratio Lower Upper
146 100
148 63.7 52.6 79.0
111 47.2 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: 22.964 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

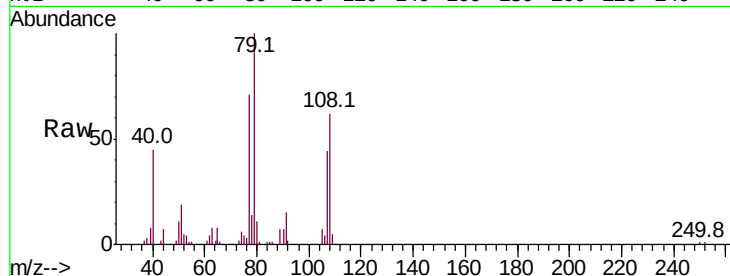
Tot Ion: 79 Resp: 90312

Ion Ratio Lower Upper

79 100

108 61.9 46.0 69.0

77 71.1 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020537.D (-838) (-)

Ion 108.00 (107.70 to 108.70): BM020537.D (-838) (-)

Ion 77.00 (76.70 to 77.70): BM020537.D (-838) (-)

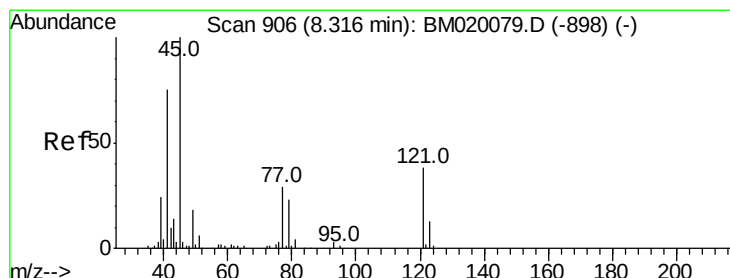
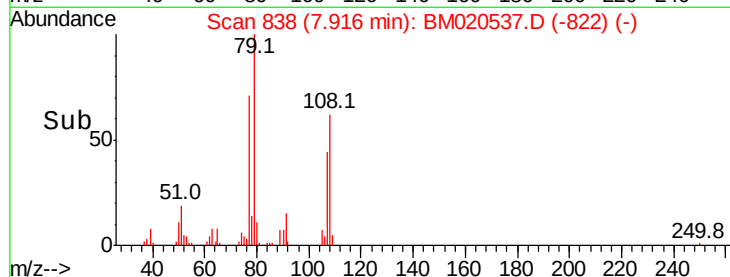
7.92

40000

20000

0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.347 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

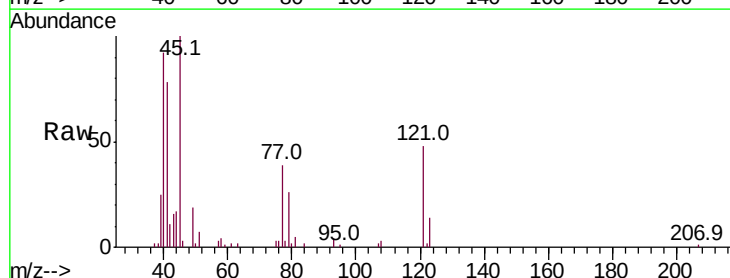
Tgt Ion: 45 Resp: 61779

Ion Ratio Lower Upper

45 100

77 39.0 10.5 50.5

79 26.1 3.3 43.3



Abundance Ion 45.00 (44.70 to 45.70): BM020537.D (-884) (-)

Ion 77.00 (76.70 to 77.70): BM020537.D (-884) (-)

Ion 79.00 (78.70 to 79.70): BM020537.D (-884) (-)

8.19

40000

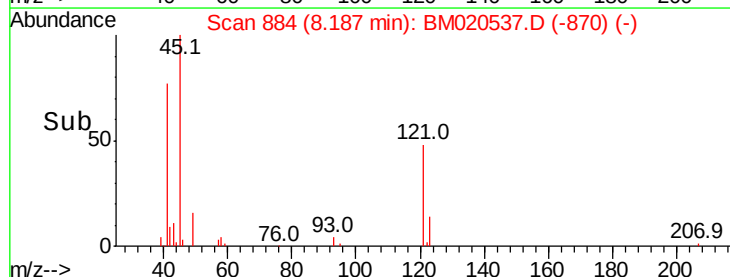
30000

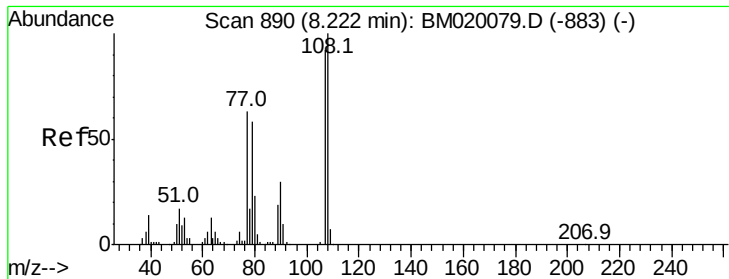
20000

10000

0

Time-->





#17

2-Methylphenol

Concen: 29.662 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 83839

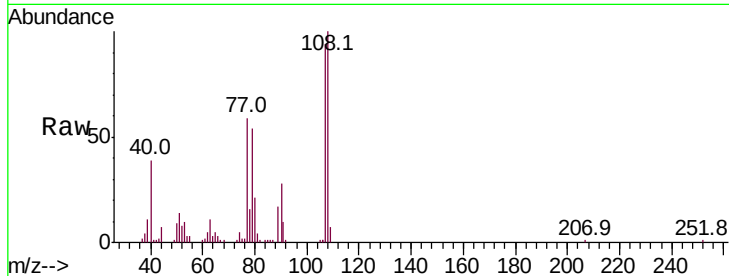
Ion Ratio Lower Upper

107 100

108 106.3 87.0 130.4

77 62.5 54.7 82.1

79 57.7 50.1 75.1

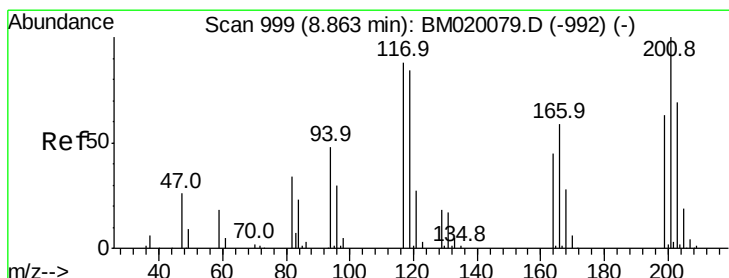
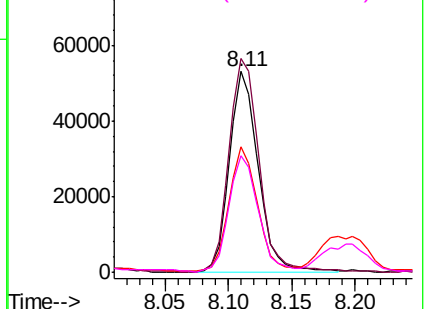
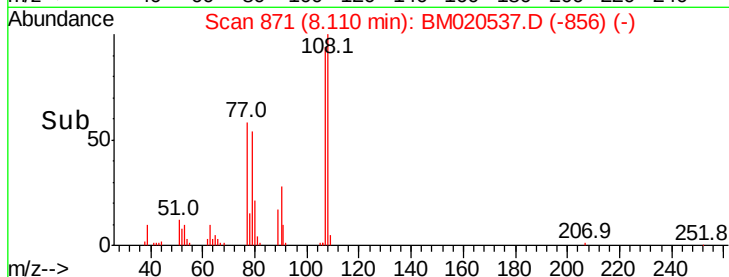


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.593 ng

RT: 8.73 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

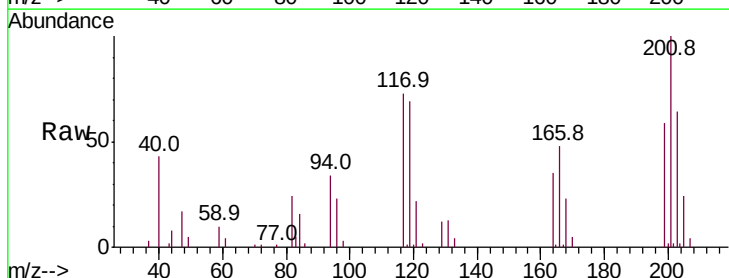
Tgt Ion:117 Resp: 45551

Ion Ratio Lower Upper

117 100

119 94.5 76.6 114.8

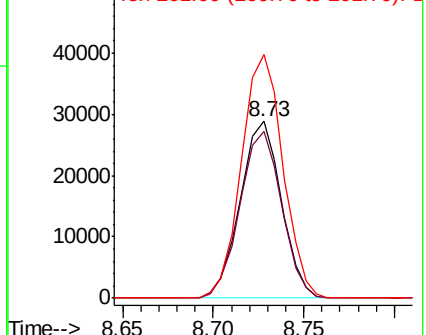
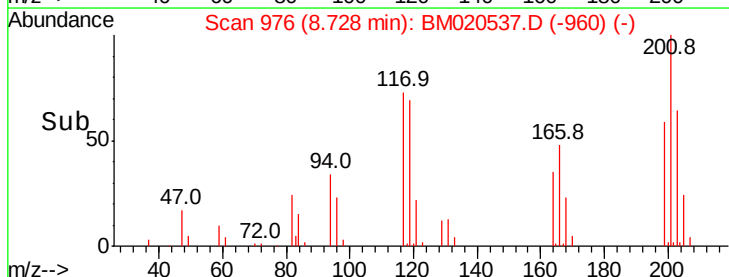
201 137.6 90.7 136.1#

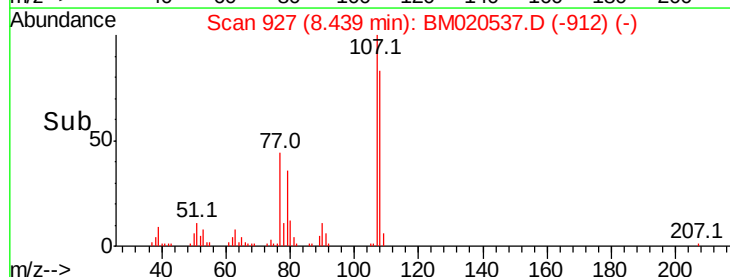
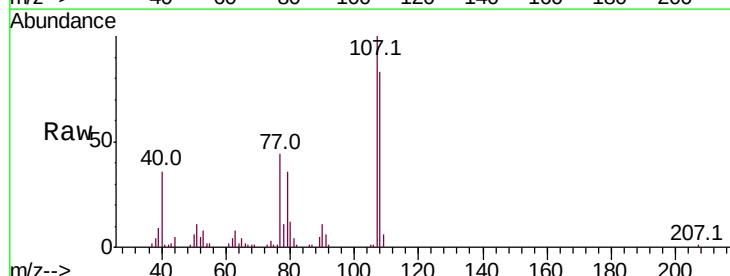
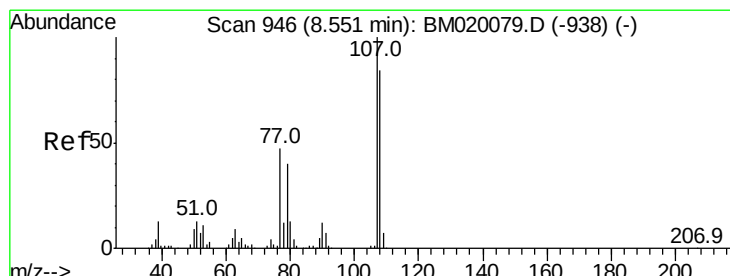
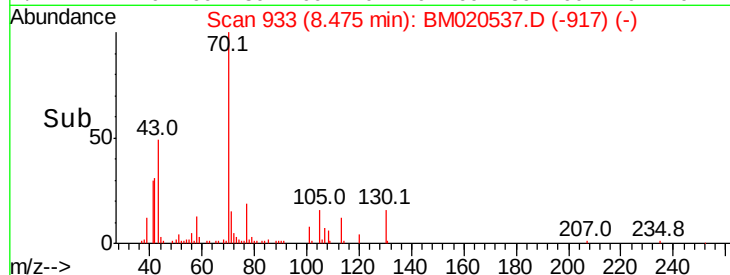
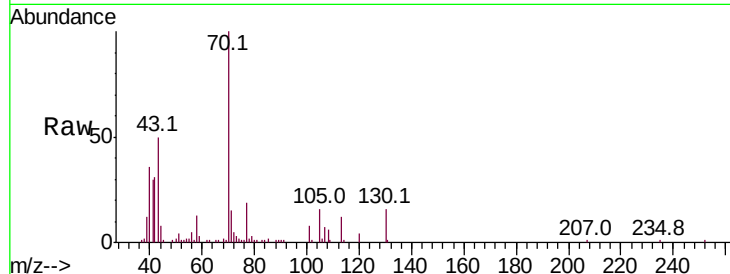
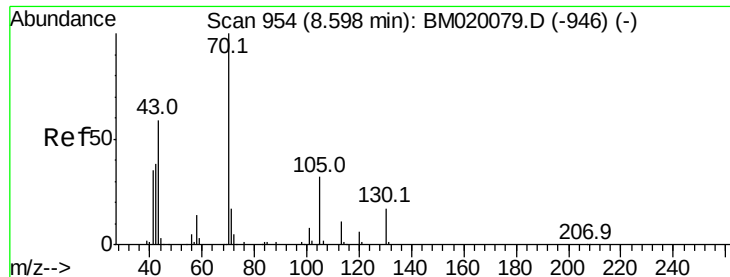


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 24.790 ng

RT: 8.47 min Scan# 933

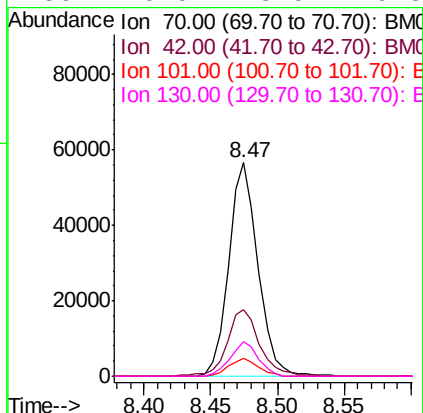
Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	86502
Ion	Ratio	Lower	Upper
70	100		
42	31.2	31.0	46.4
101	8.2	6.2	9.2
130	16.0	13.5	20.3



#20

3+4-Methylphenols

Concen: 29.231 ng

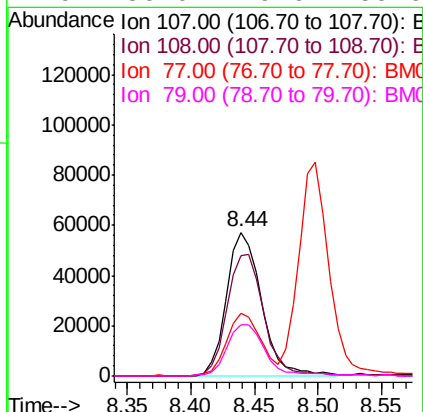
RT: 8.44 min Scan# 927

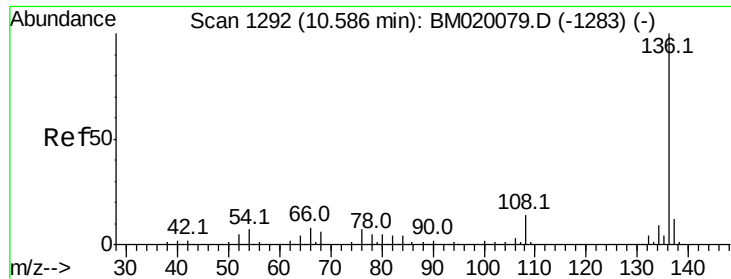
Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:	107	Resp:	109804
Ion	Ratio	Lower	Upper
107	100		
108	83.5	64.4	104.4
77	43.8	27.2	67.2
79	36.0	19.6	59.6

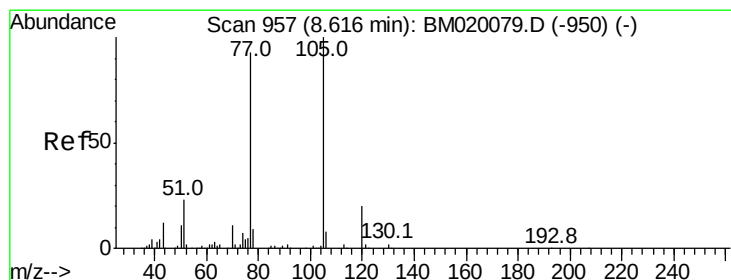
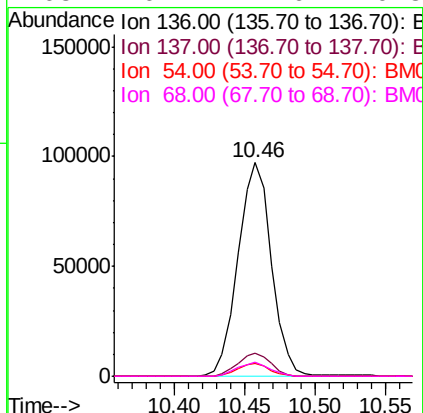
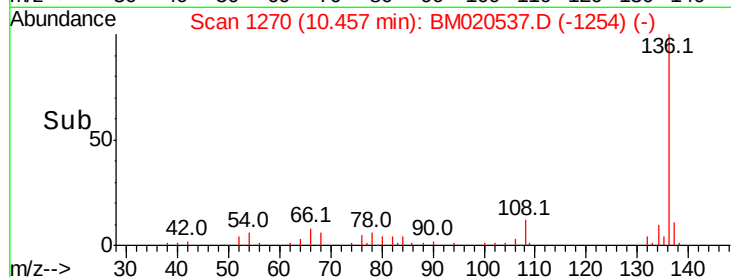
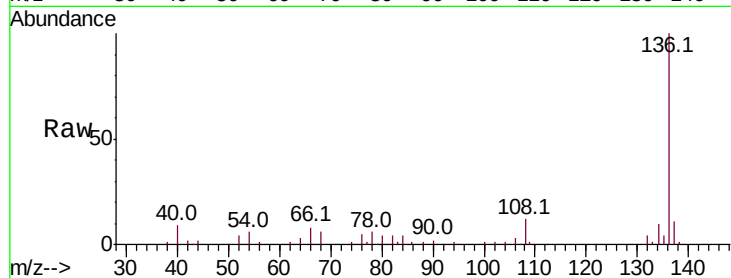




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

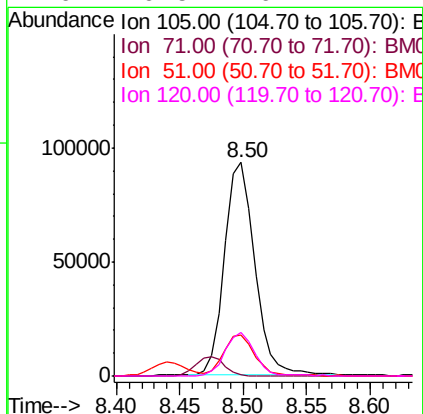
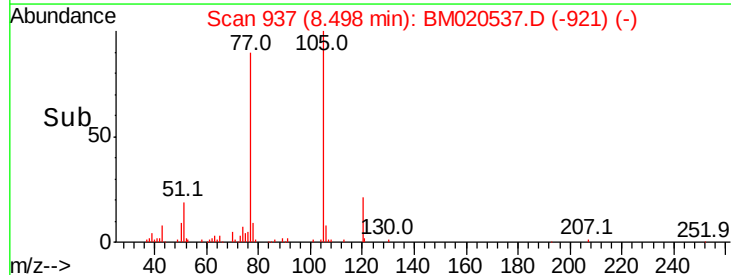
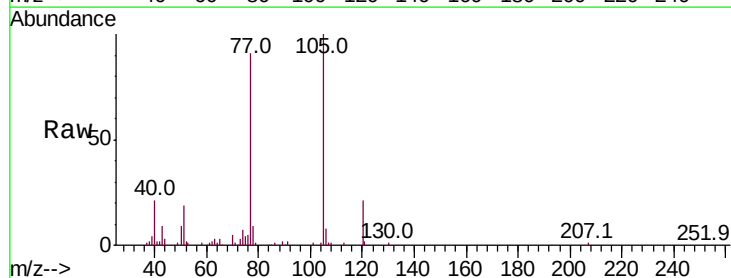
Instrument :
BNA_M
ClientSampled :

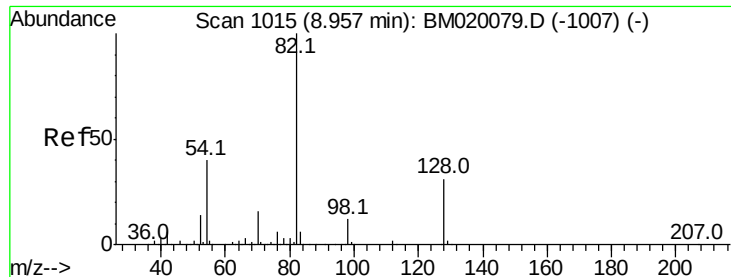
Tot Ion:136	Resp: 160825
Ion Ratio	Lower Upper
136 100	
137 11.0	9.6 14.4
54 5.7	5.5 8.3
68 6.4	4.6 6.8



#22
Acetophenone
Concen: 35.339 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion:105	Resp: 155327
Ion Ratio	Lower Upper
105 100	
71 0.8	2.2 3.2#
51 19.2	19.3 28.9#
120 20.5	16.2 24.4





#23

Nitrobenzene-d5

Concen: 62.564 ng

RT: 8.83 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

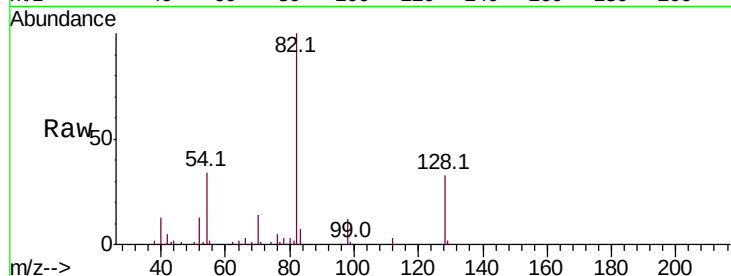
Tot Ion: 82 Resp: 254857

Ion Ratio Lower Upper

82 100

128 32.6 25.2 37.8

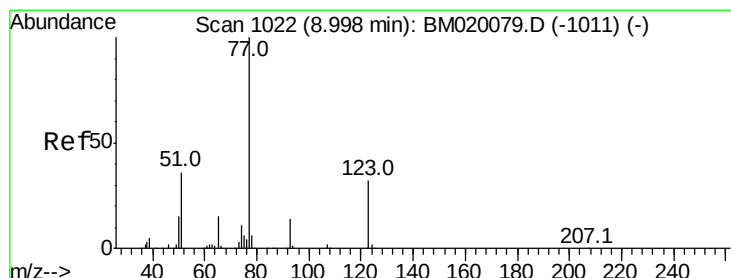
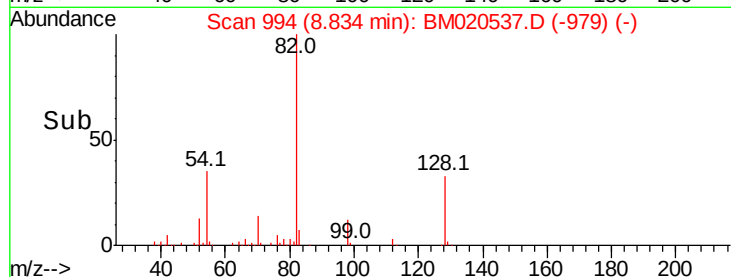
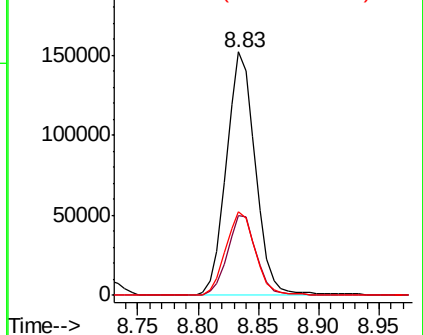
54 34.4 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#24

Nitrobenzene

Concen: 32.062 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

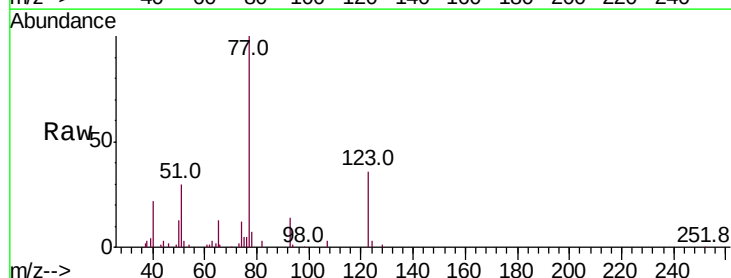
Tgt Ion: 77 Resp: 135417

Ion Ratio Lower Upper

77 100

123 36.4 25.5 38.3

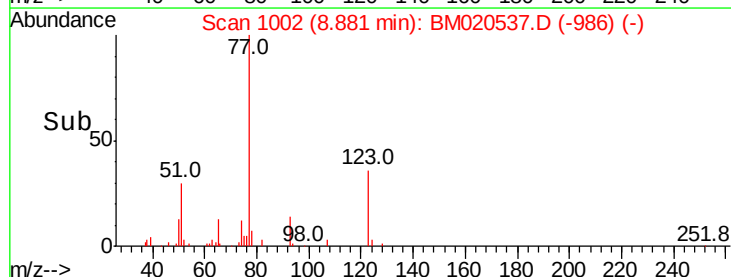
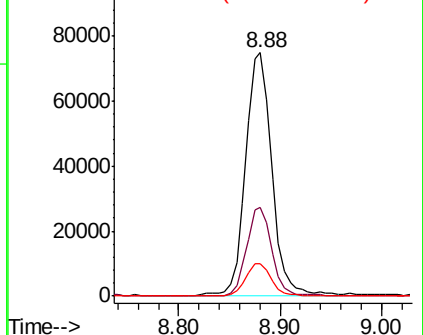
65 13.4 11.8 17.6

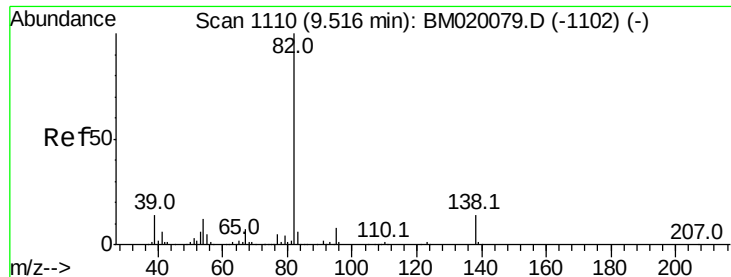


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)

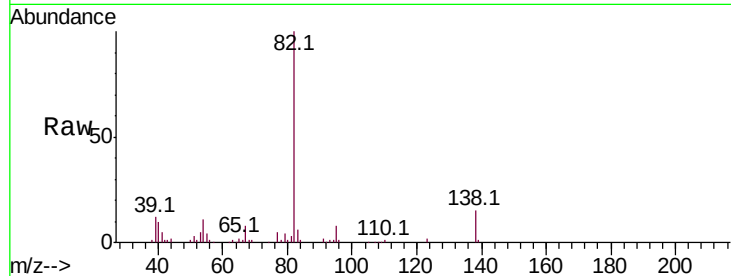




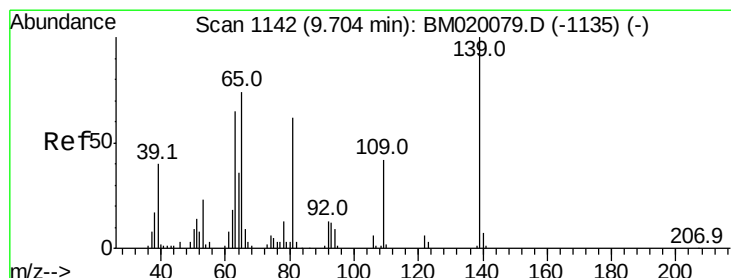
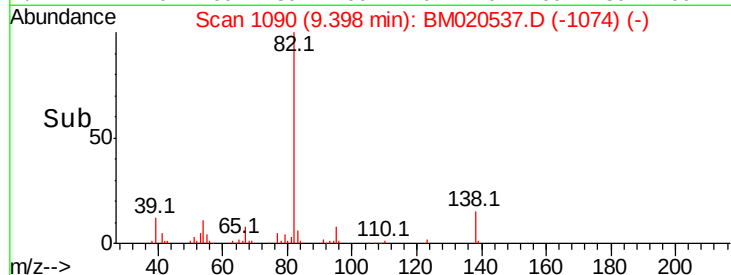
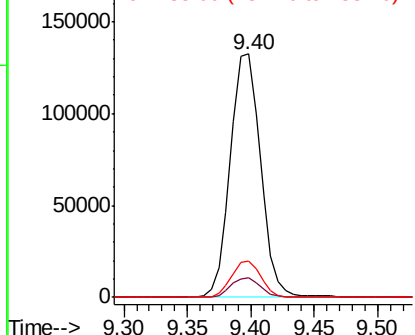
#25
Isophorone
Concen: 31.292 ng
RT: 9.40 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 219818
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 15.1 11.1 16.7

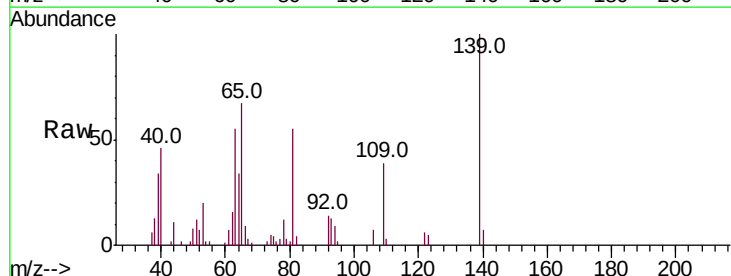


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

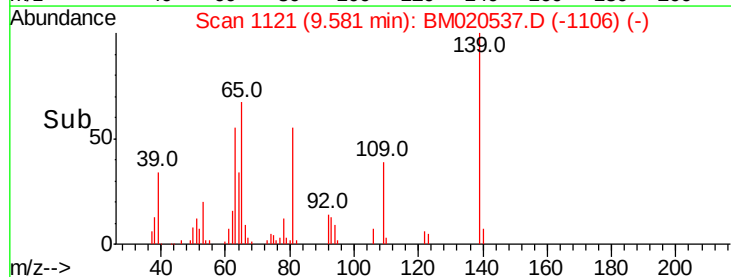
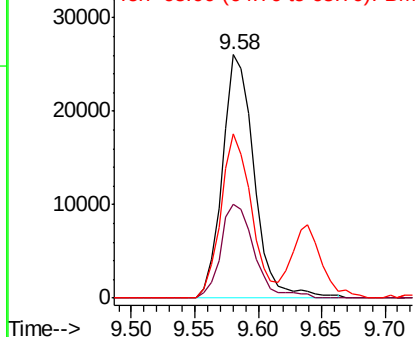


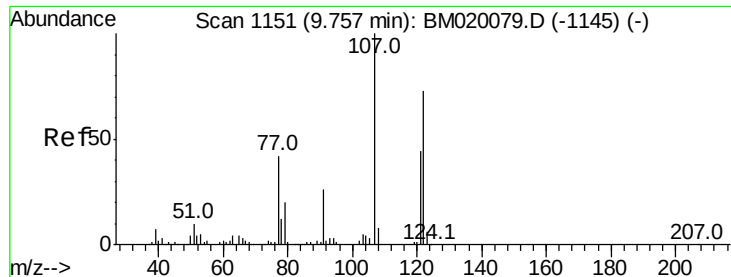
#26
2-Nitrophenol
Concen: 35.475 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion: 139 Resp: 45235
Ion Ratio Lower Upper
139 100
109 38.7 33.7 50.5
65 67.3 59.5 89.3



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): BM0

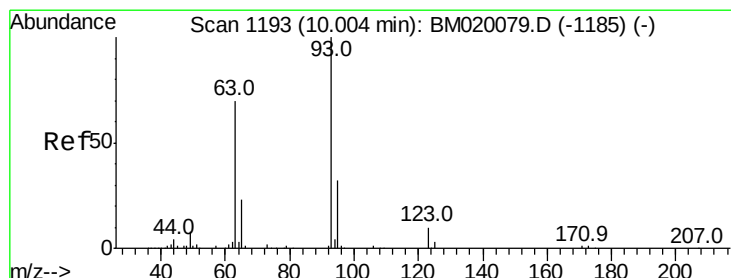
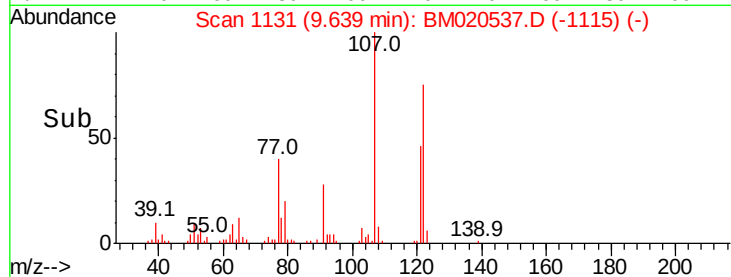
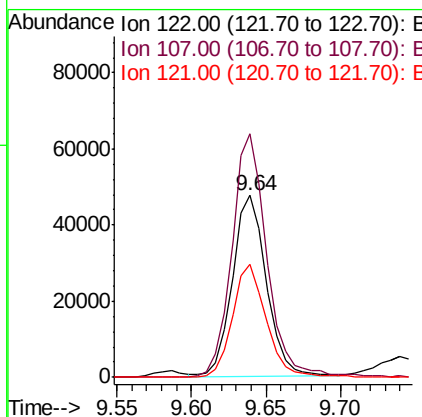
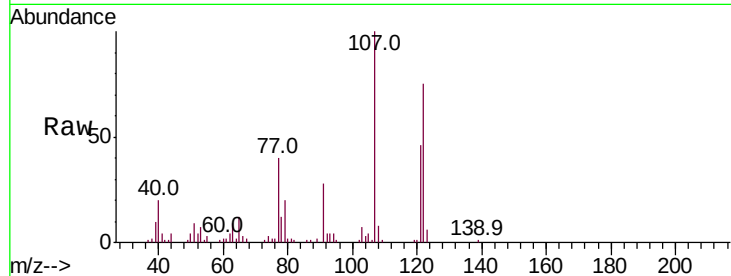




#27
 2,4-Dimethylphenol
 Concen: 35.537 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

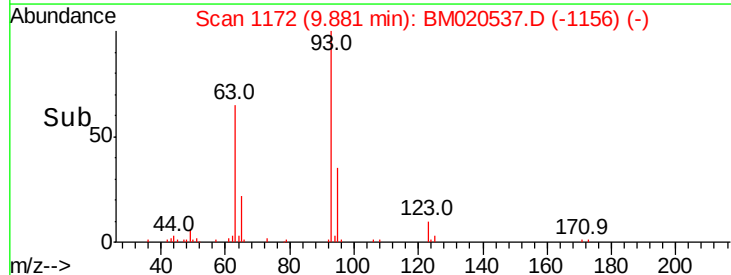
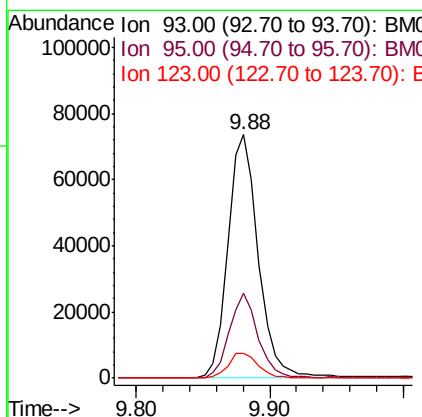
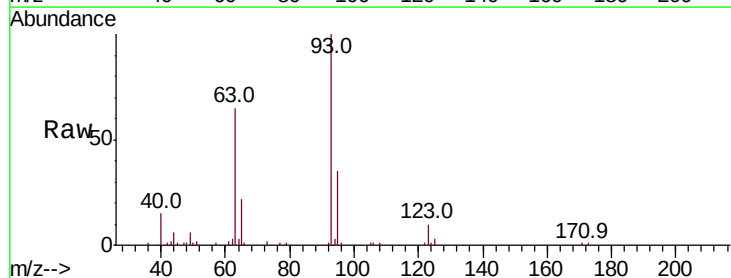
Instrument :
 BNA_M
 ClientSampled :

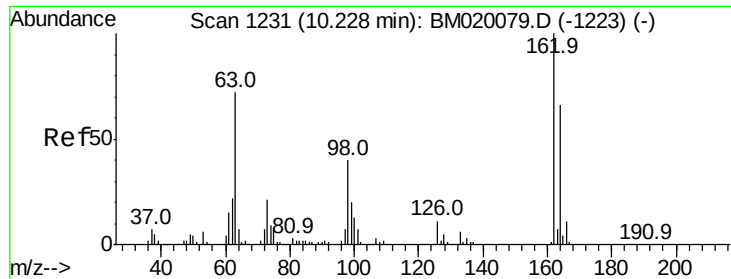
Tot Ion:122 Resp: 75440
 Ion Ratio Lower Upper
 122 100
 107 134.0 108.6 162.8
 121 62.3 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.675 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion: 93 Resp: 117360
 Ion Ratio Lower Upper
 93 100
 95 34.7 25.5 38.3
 123 10.4 7.6 11.4

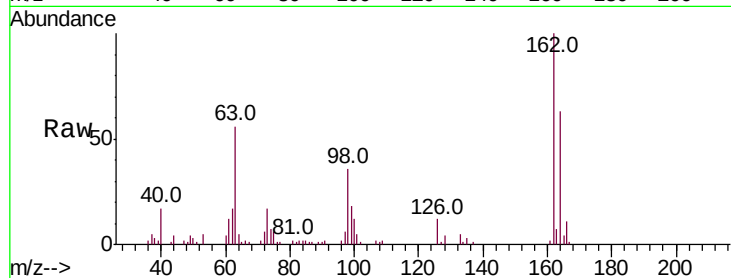




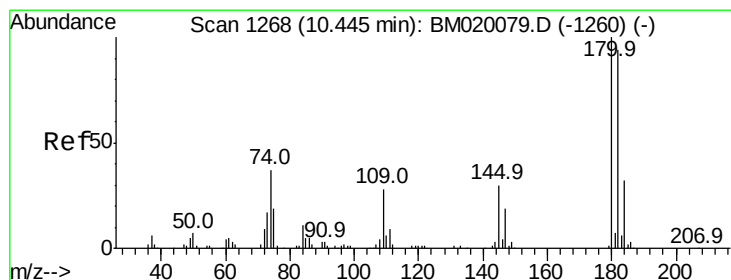
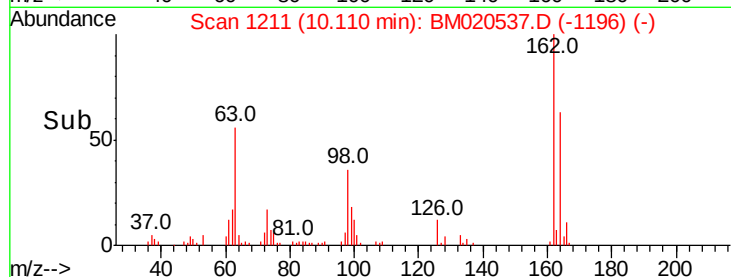
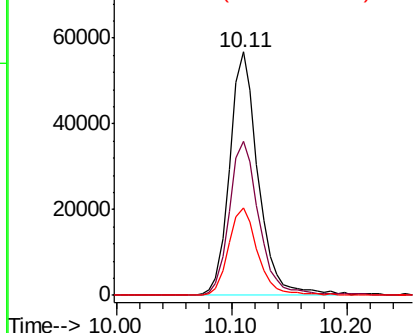
#29
 2,4-Dichlorophenol
 Concen: 36.372 ng
 RT: 10.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.6	85.6
98	35.9	20.4	60.4

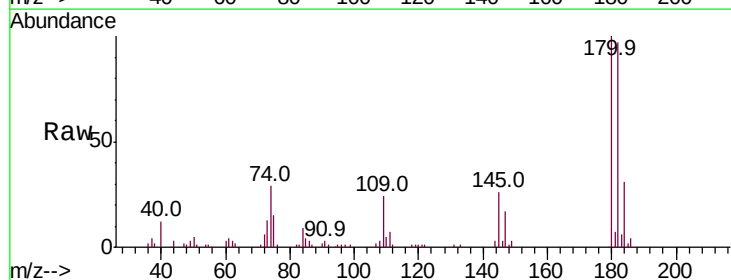


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

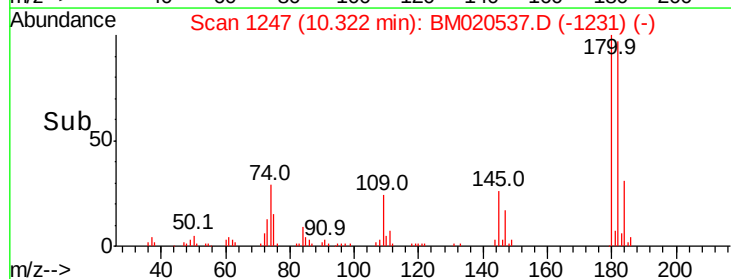
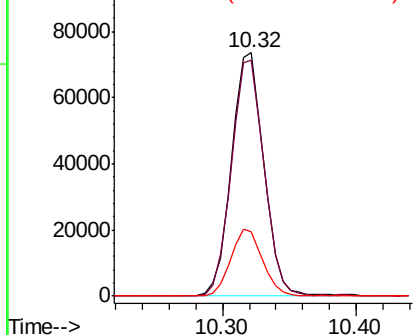


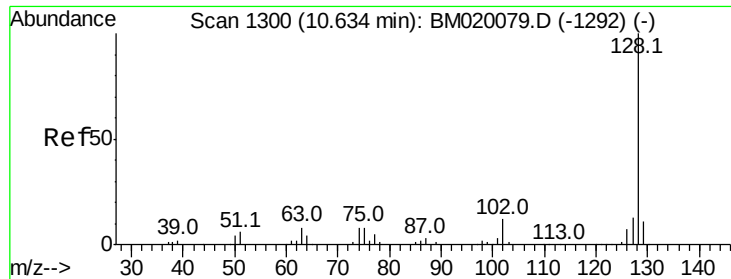
#30
 1,2,4-Trichlorobenzene
 Concen: 37.765 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.4	113.0
145	26.2	23.8	35.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

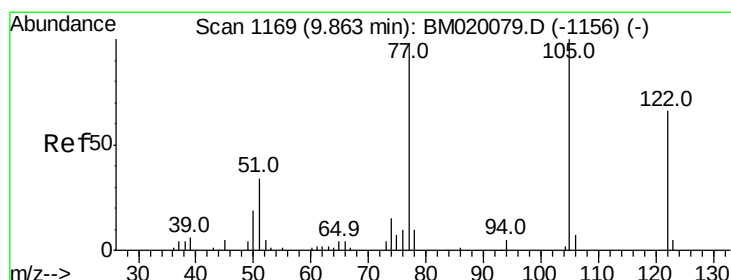
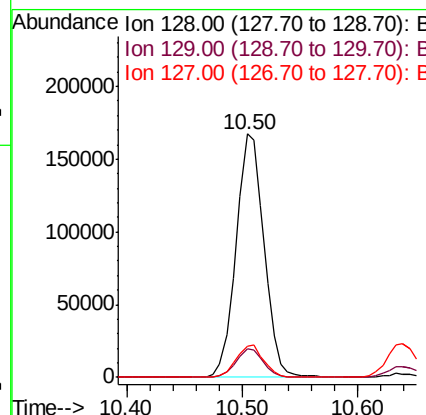
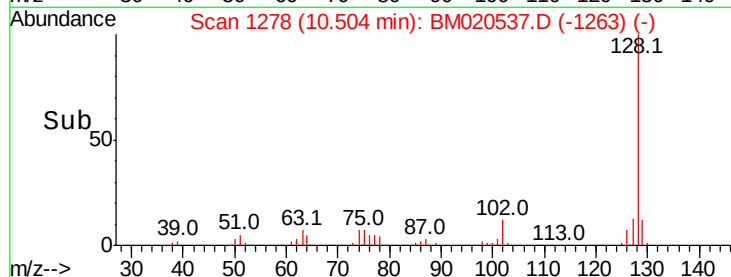
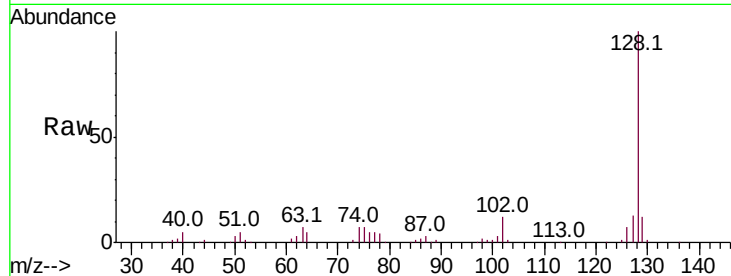




#31
Naphthalene
Concen: 33.634 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

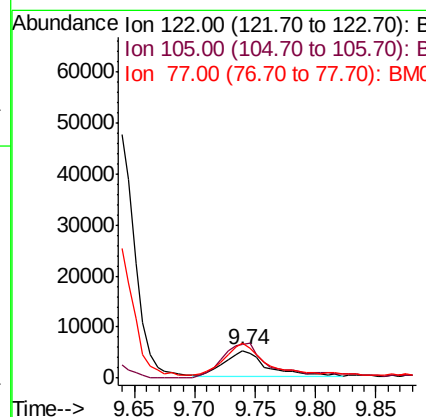
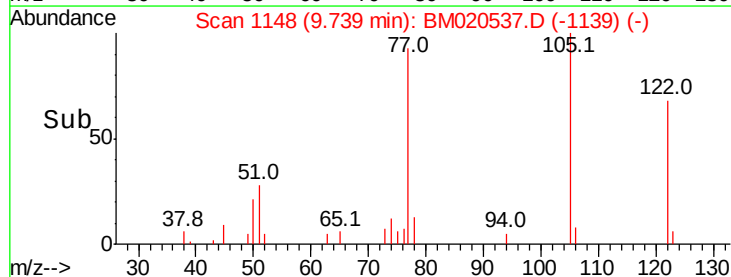
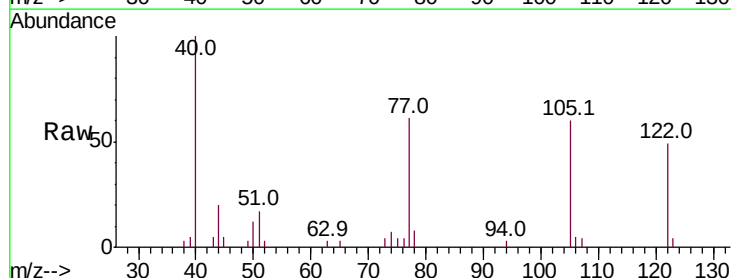
Instrument :
BNA_M
ClientSampleId :

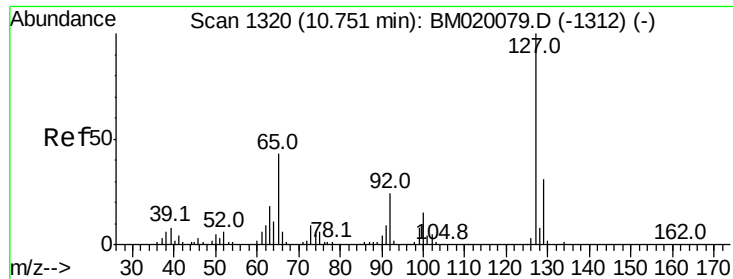
Tot Ion:128 Resp: 280704
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 13.395 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion:122 Resp: 11884
Ion Ratio Lower Upper
122 100
105 122.7 122.5 162.5
77 124.2 123.3 163.3

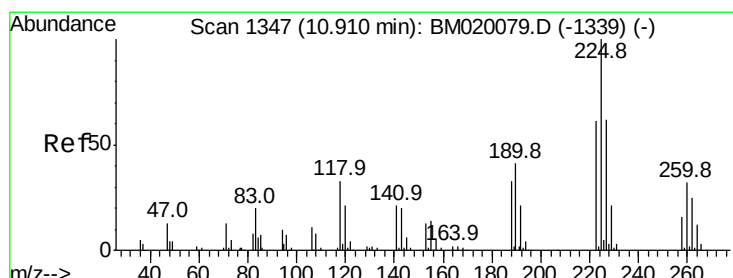
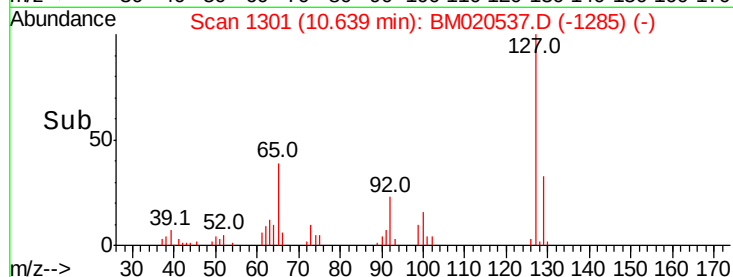
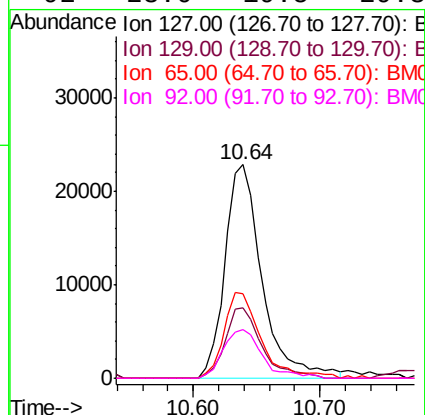
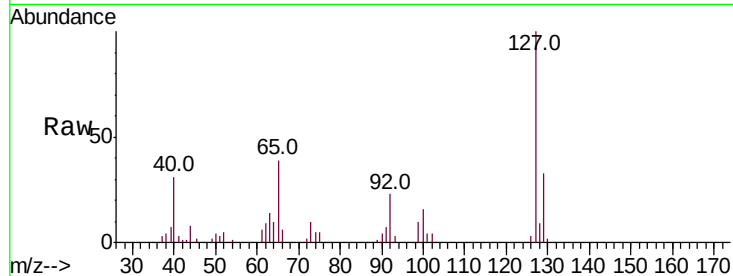




#33
4-Chloroaniline
Concen: 13.498 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

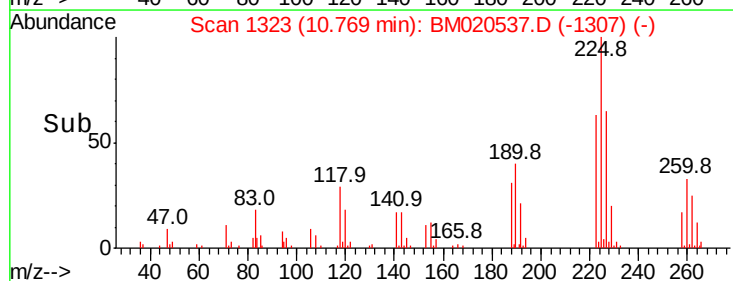
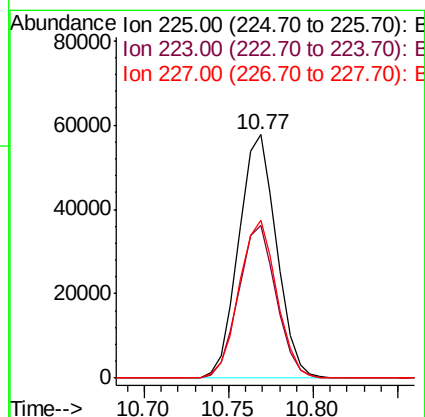
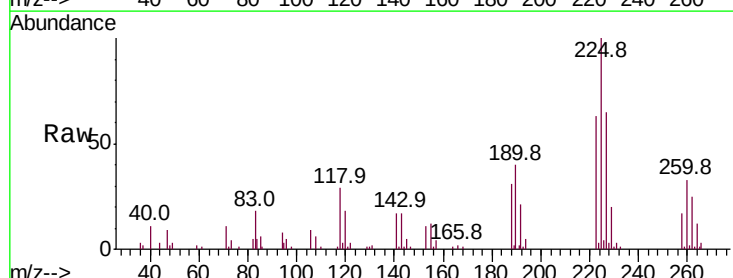
Instrument :
BNA_M
ClientSampleId :

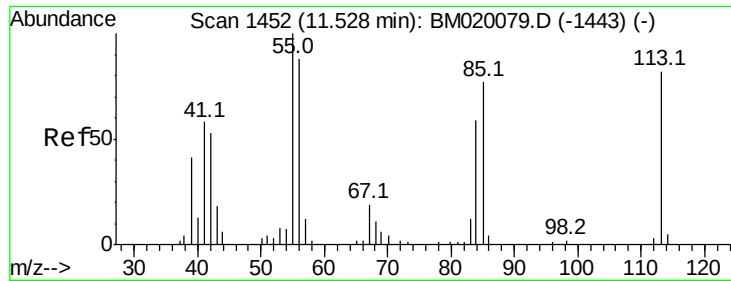
Tot Ion:	127	Resp:	46367
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.7	37.1
65	39.4	34.6	52.0
92	23.0	19.5	29.3



#34
Hexachlorobutadiene
Concen: 38.652 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion:	225	Resp:	90060
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.9	73.3
227	64.7	49.6	74.4





#35

Caprolactam

Concen: 25.808 ng

RT: 11.45 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

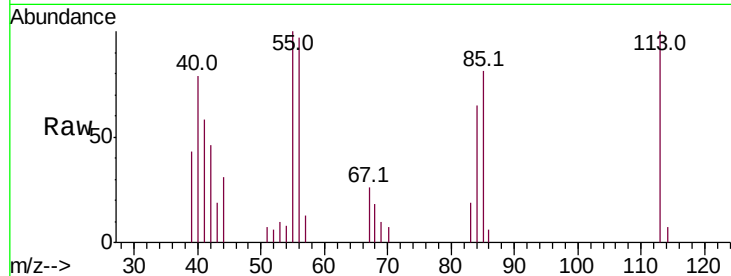
Tot Ion:113 Resp: 20657

Ion Ratio Lower Upper

113 100

55 100.4 102.5 142.5#

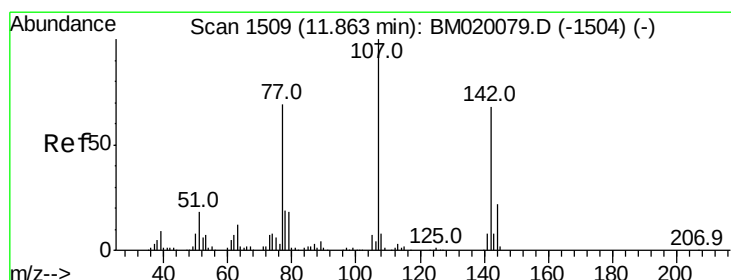
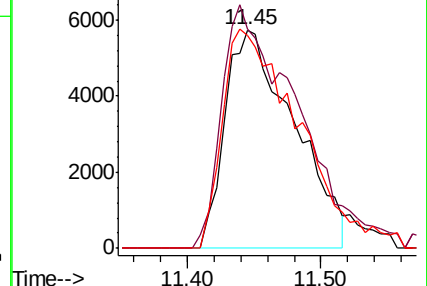
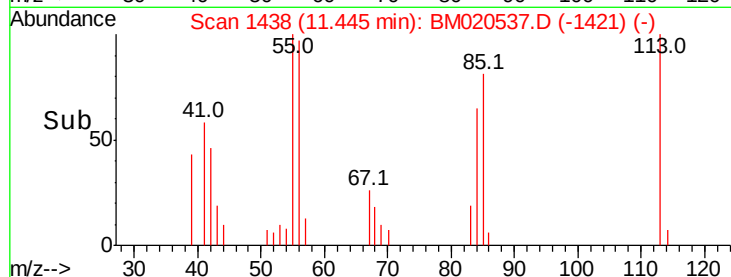
56 97.6 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 30.745 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

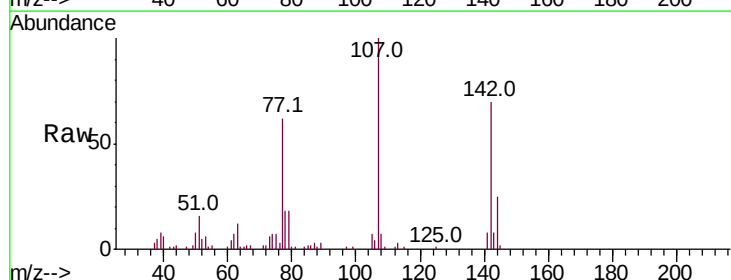
Tgt Ion:107 Resp: 96714

Ion Ratio Lower Upper

107 100

144 24.7 17.6 26.4

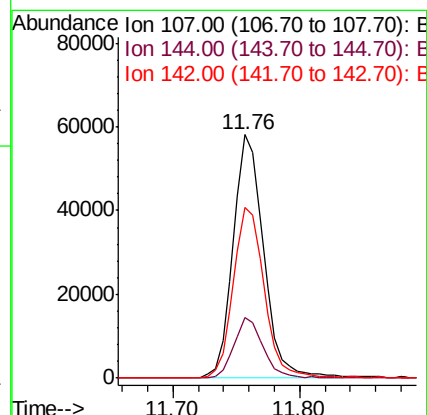
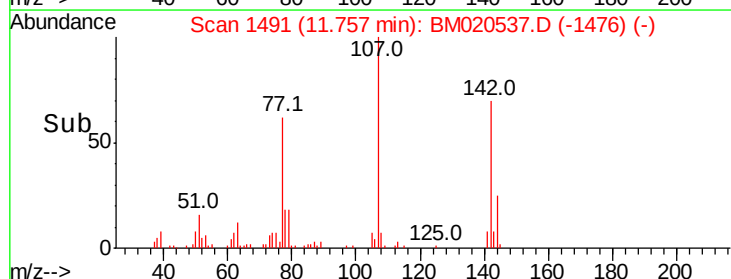
142 70.1 54.6 82.0

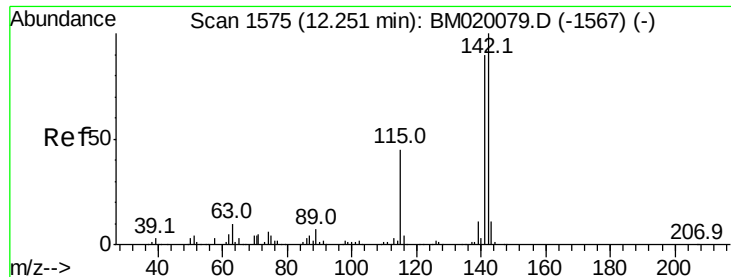


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

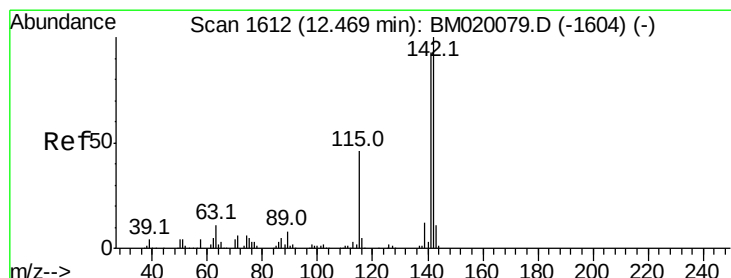
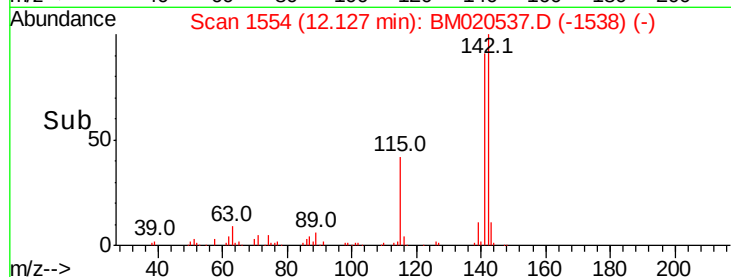
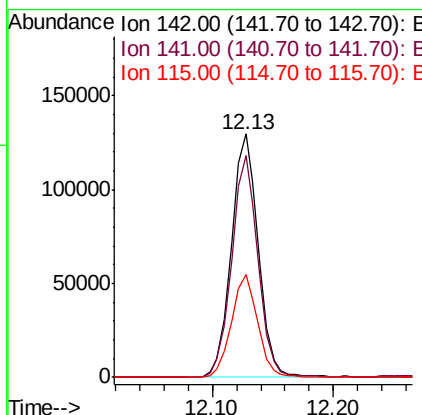
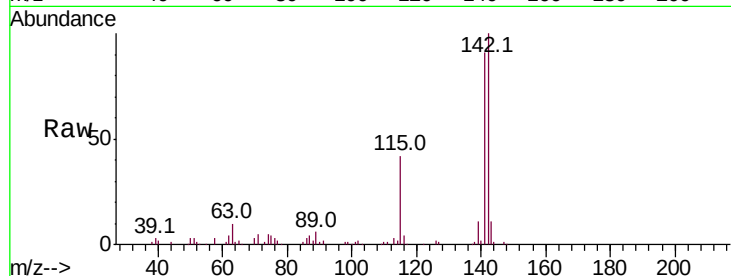




#37
2-Methylnaphthalene
Concen: 33.146 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

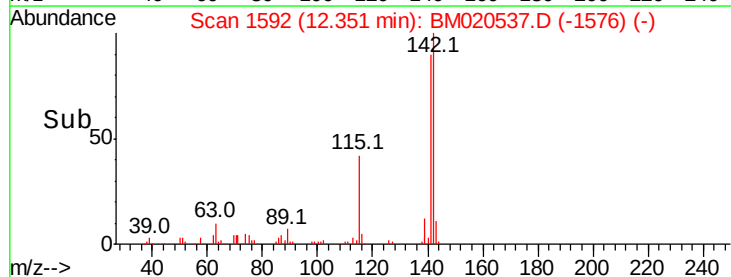
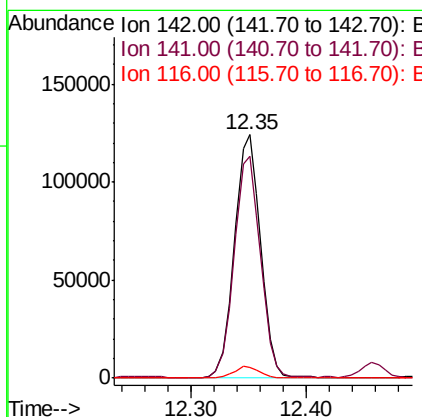
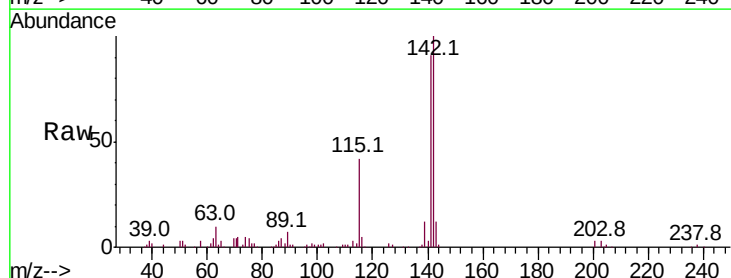
Instrument :
BNA_M
ClientSampleId :

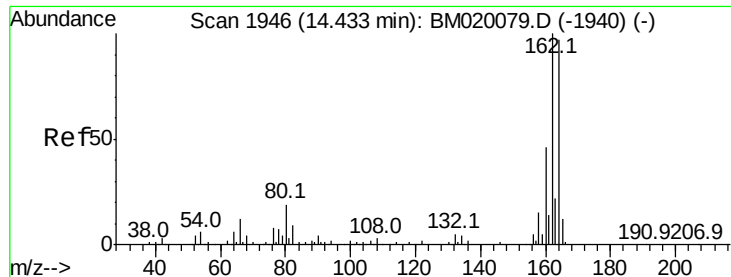
Tot Ion:142 Resp: 201672
Ion Ratio Lower Upper
142 100
141 91.1 71.6 107.4
115 42.2 35.8 53.6



#38
1-Methylnaphthalene
Concen: 32.714 ng
RT: 12.35 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion:142 Resp: 194636
Ion Ratio Lower Upper
142 100
141 91.3 74.8 112.2
116 4.6 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: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

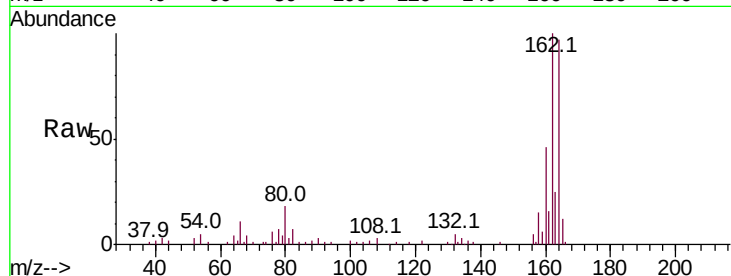
Tot Ion:164 Resp: 99999

Ion Ratio Lower Upper

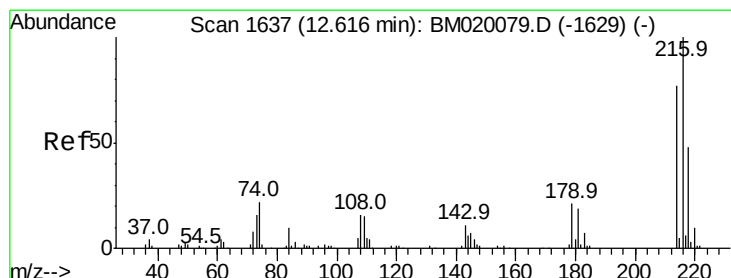
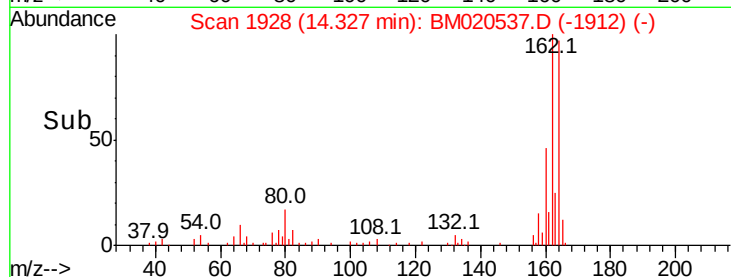
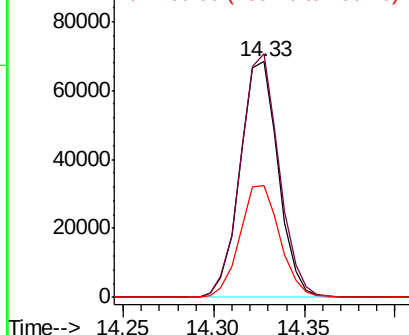
164 100

162 103.3 82.2 123.2

160 47.3 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.824 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:216 Resp: 155804

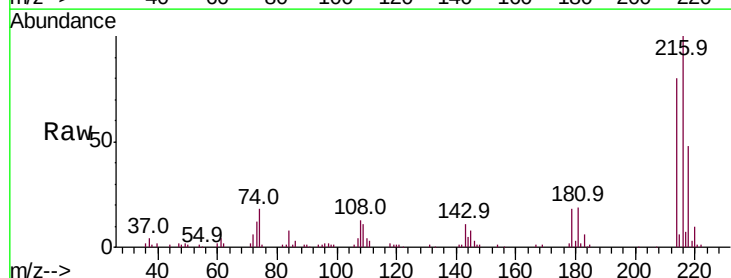
Ion Ratio Lower Upper

216 100

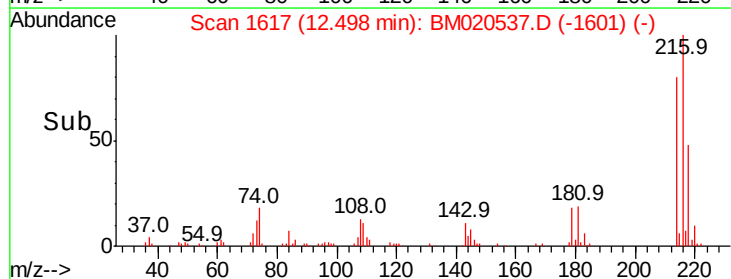
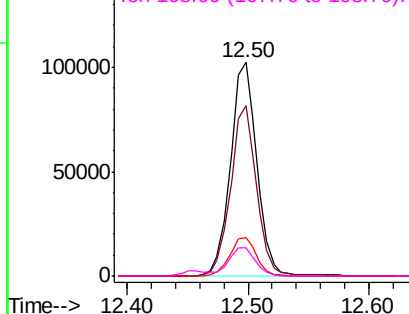
214 78.2 62.6 94.0

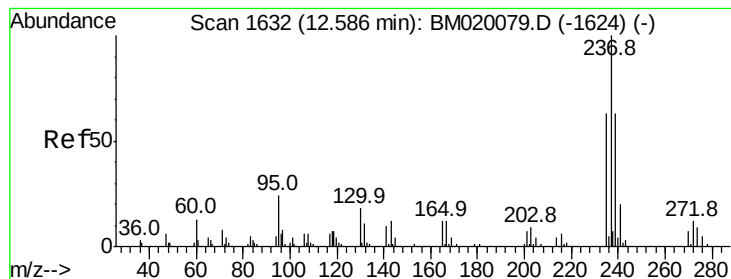
179 18.2 17.1 25.7

108 13.6 15.8 23.6#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.349 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

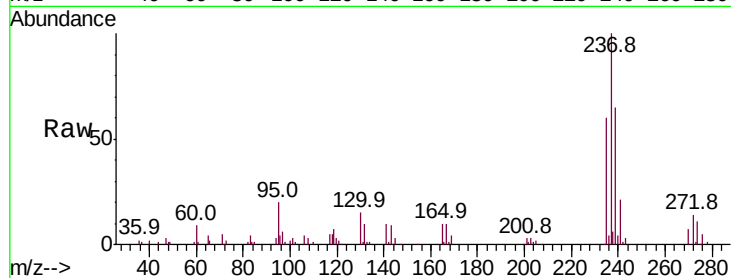
Tot Ion:237 Resp: 118288

Ion Ratio Lower Upper

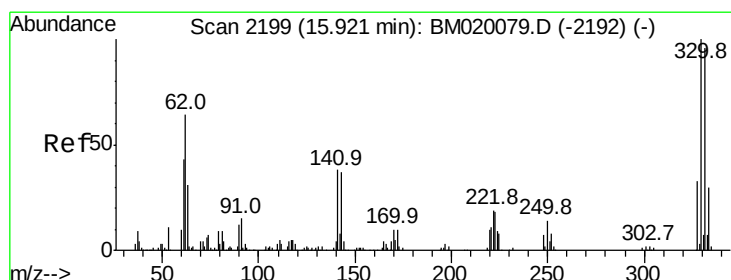
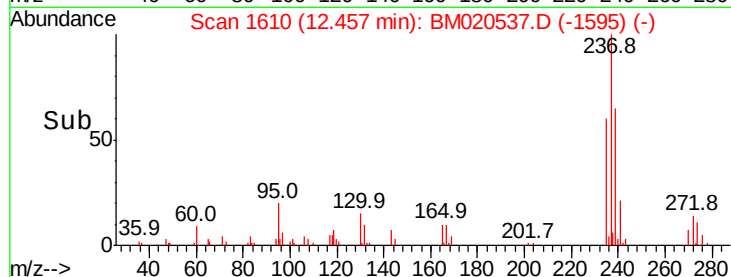
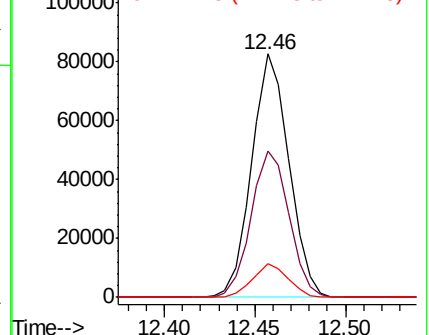
237 100

235 60.4 43.4 83.4

272 13.6 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: 122.035 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

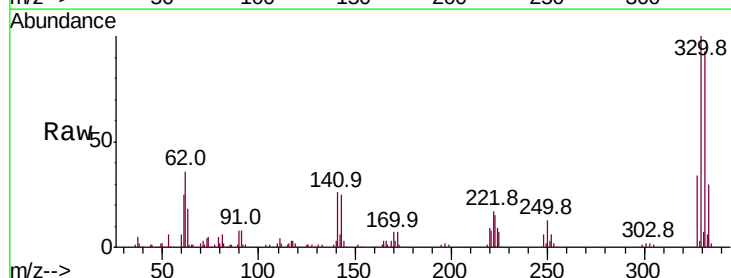
Tgt Ion:330 Resp: 189420

Ion Ratio Lower Upper

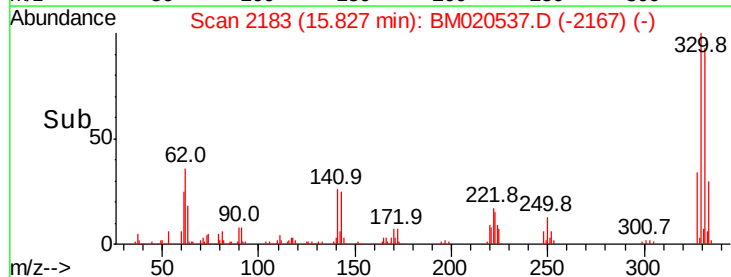
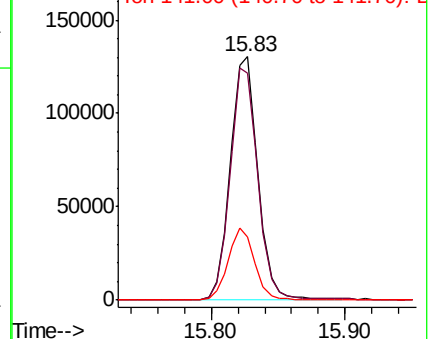
330 100

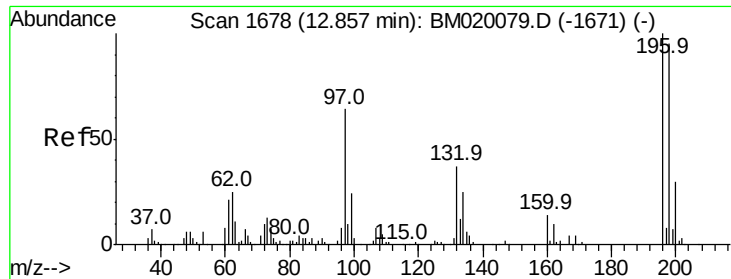
332 95.8 76.8 115.2

141 28.5 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

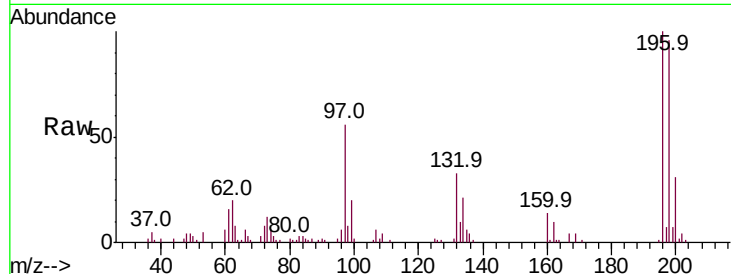




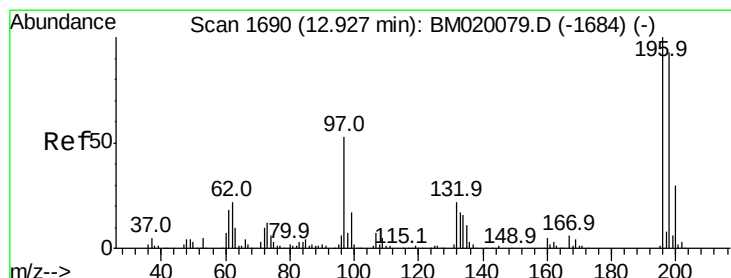
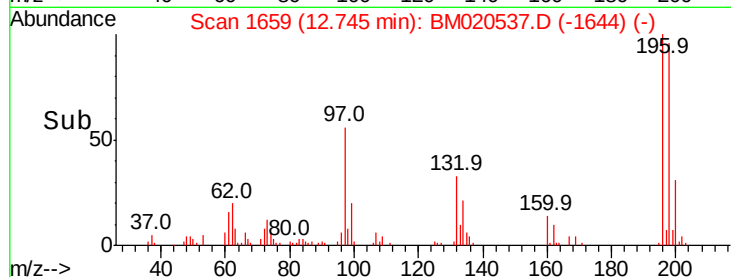
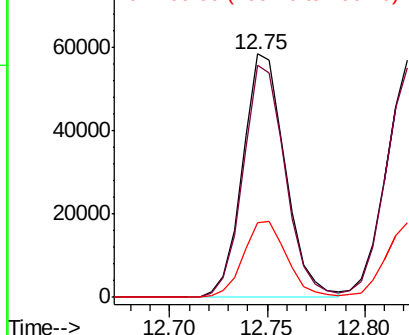
#43
 2,4,6-Trichlorophenol
 Concen: 39.732 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 88343
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.2
 200 30.6 24.3 36.5



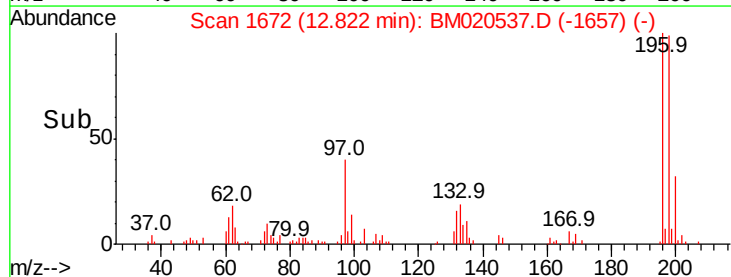
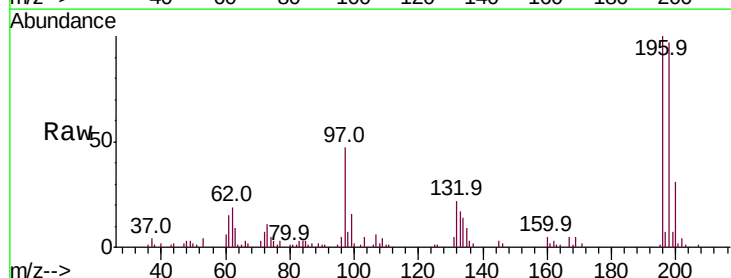
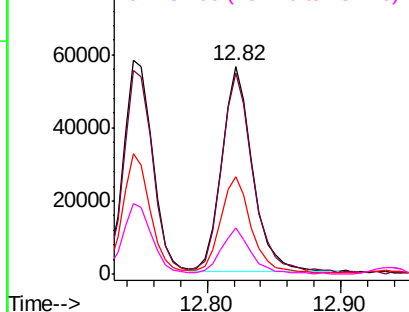
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

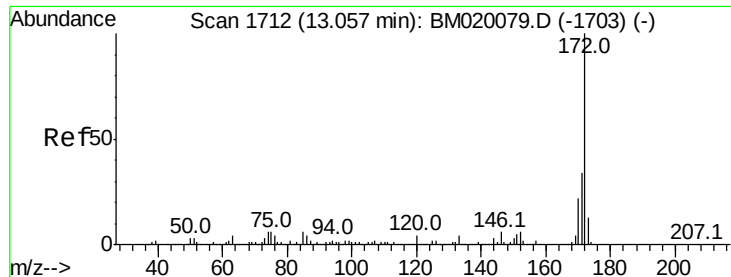


#44
 2,4,5-Trichlorophenol
 Concen: 36.555 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion:196 Resp: 90802
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.7 112.1
 97 46.6 42.2 63.4
 132 22.0 17.8 26.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

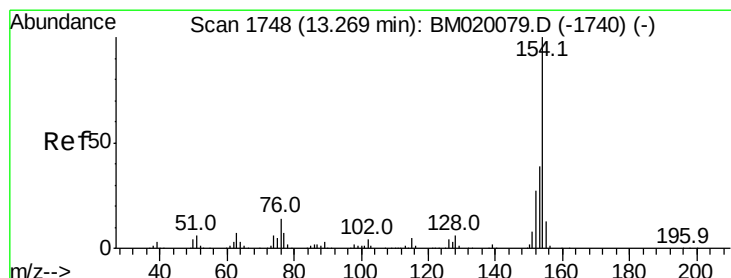
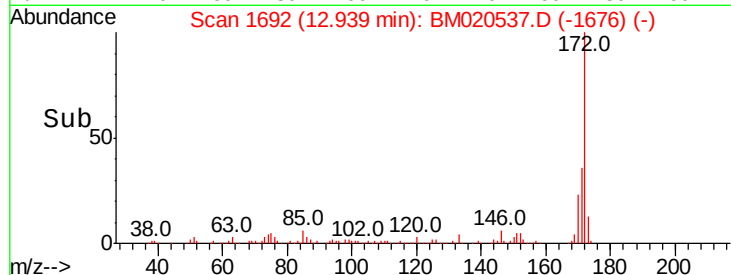
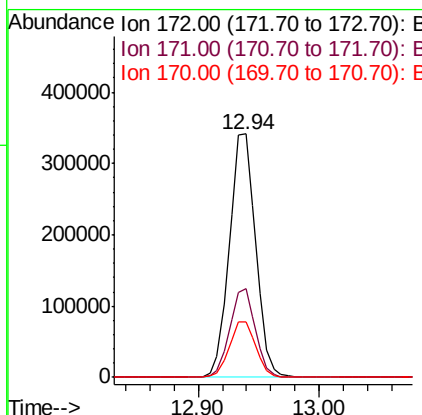
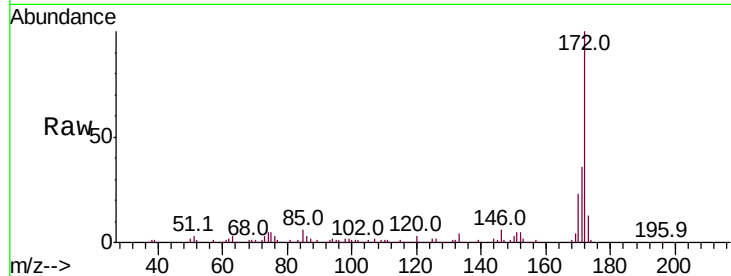




#45
2-Fluorobiphenyl
Concen: 63.712 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

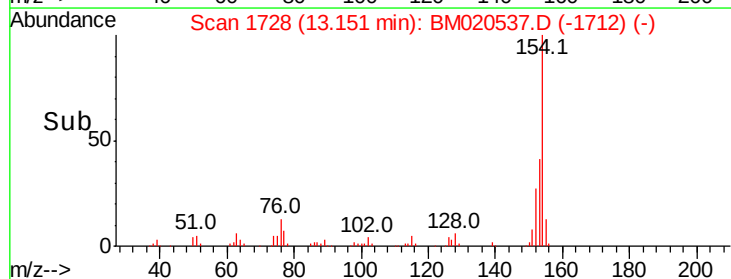
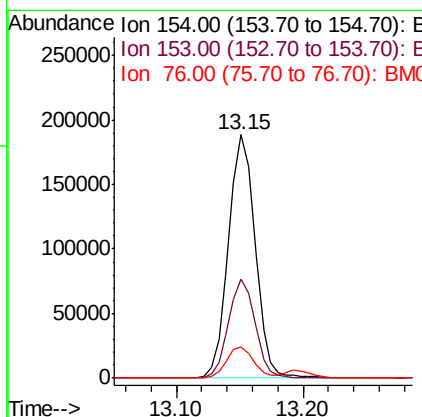
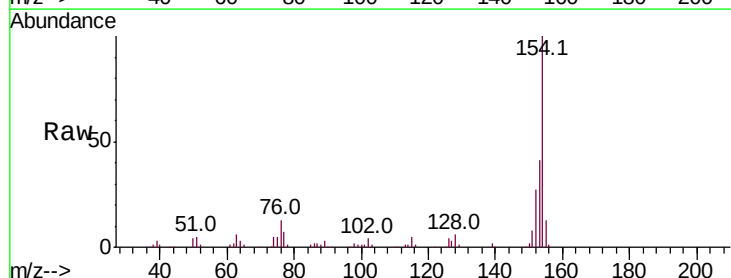
Instrument :
BNA_M
ClientSampleId :

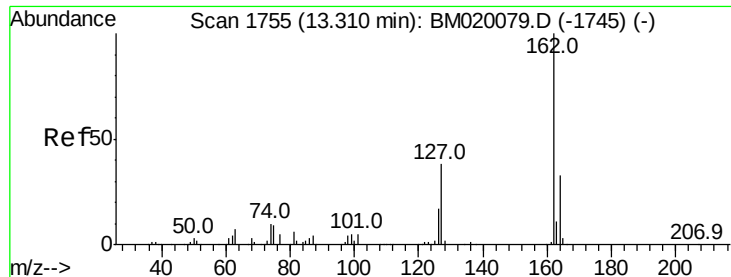
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.3	40.9
170	22.9	17.9	26.9



#46
1,1'-Biphenyl
Concen: 33.482 ng
RT: 13.15 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.4	59.4
76	13.0	0.0	34.5

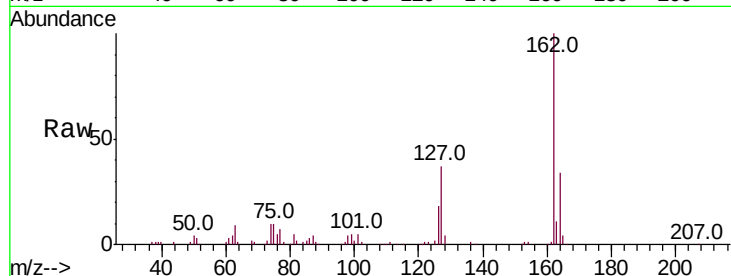




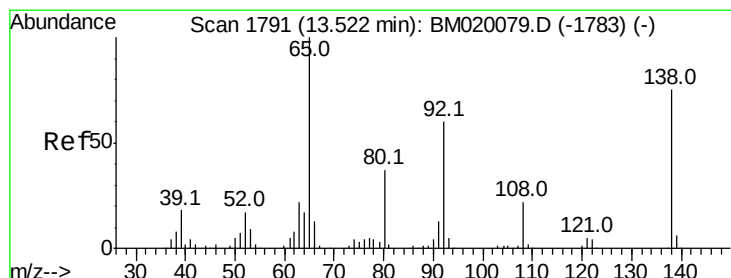
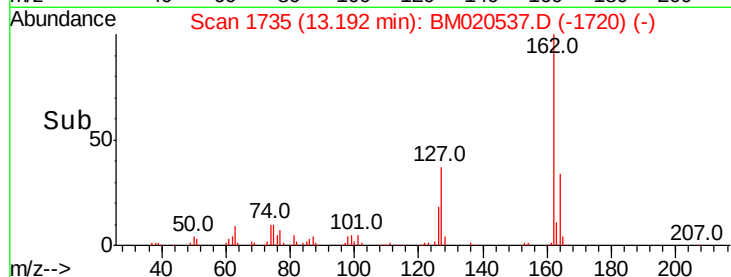
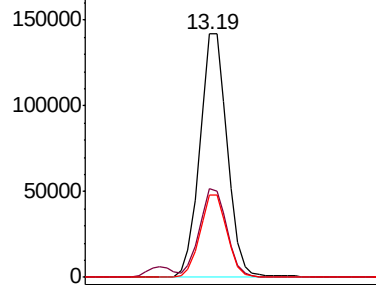
#47
2-Chloronaphthalene
Concen: 34.222 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 224899
Ion Ratio Lower Upper
162 100
127 36.5 31.0 46.4
164 33.6 26.2 39.2

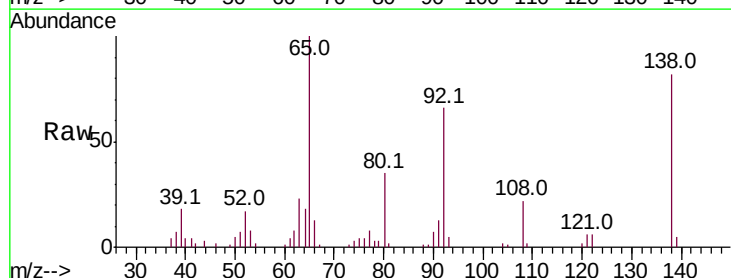


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

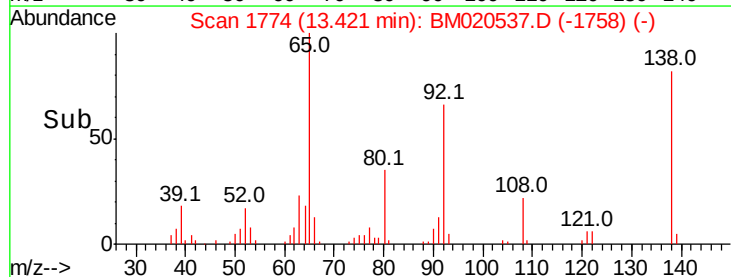
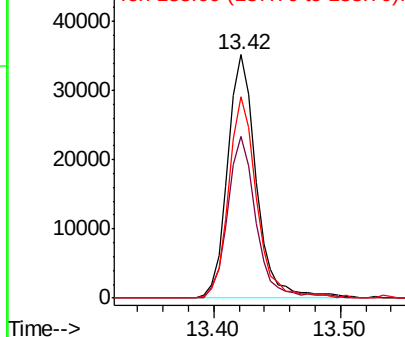


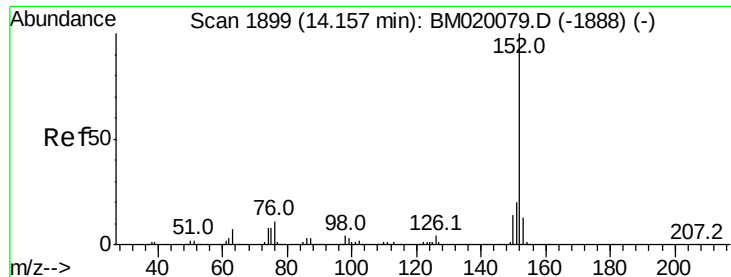
#48
2-Nitroaniline
Concen: 23.457 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020537.D
Acq: 24 May 2019 04:00

Tgt Ion: 65 Resp: 54880
Ion Ratio Lower Upper
65 100
92 66.2 48.2 72.4
138 82.5 60.3 90.5



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





#49

Acenaphthylene

Concen: 31.797 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

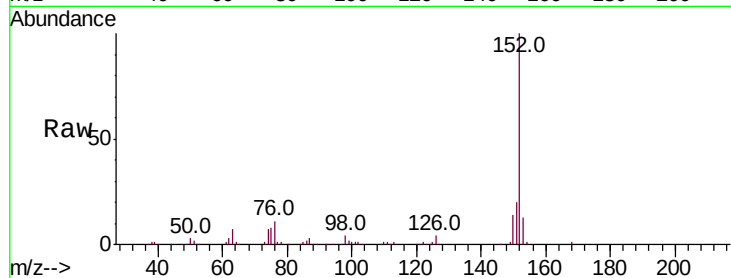
Tot Ion:152 Resp: 334423

Ion Ratio Lower Upper

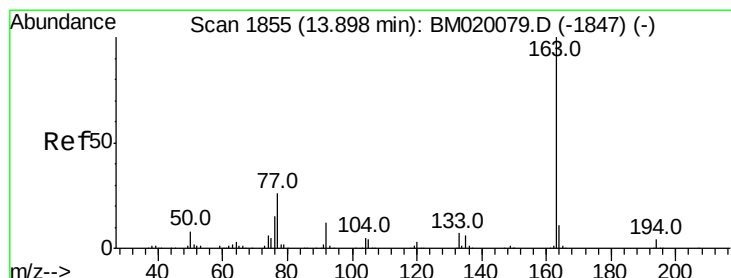
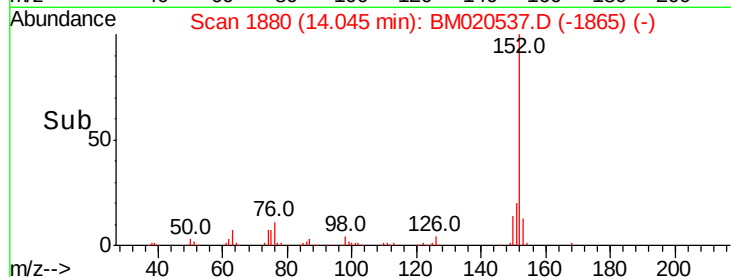
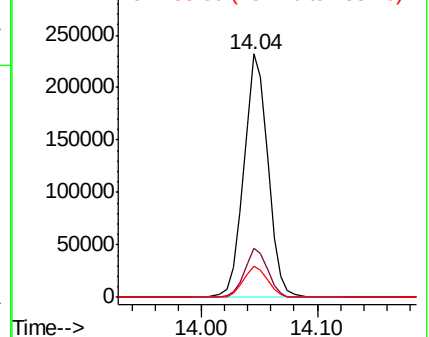
152 100

151 20.1 16.2 24.2

153 12.9 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: 39.649 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

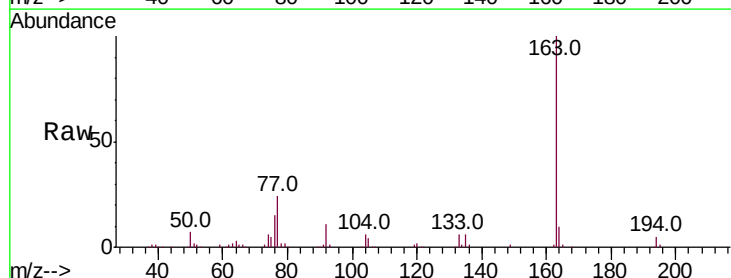
Tgt Ion:163 Resp: 336986

Ion Ratio Lower Upper

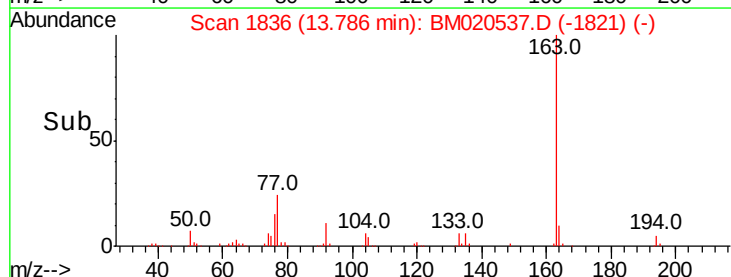
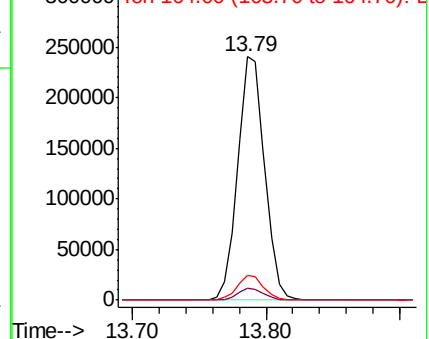
163 100

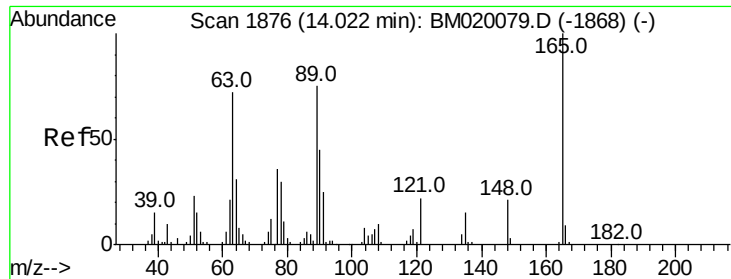
194 4.9 3.6 5.4

164 10.4 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: 32.311 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampled :

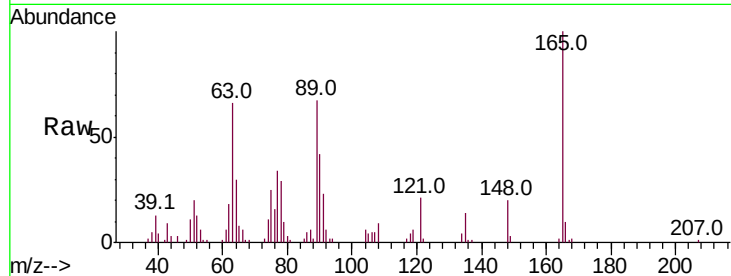
Tot Ion:165 Resp: 57839

Ion Ratio Lower Upper

165 100

63 66.4 60.3 90.5

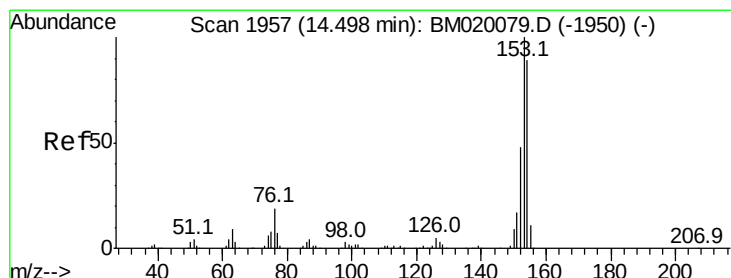
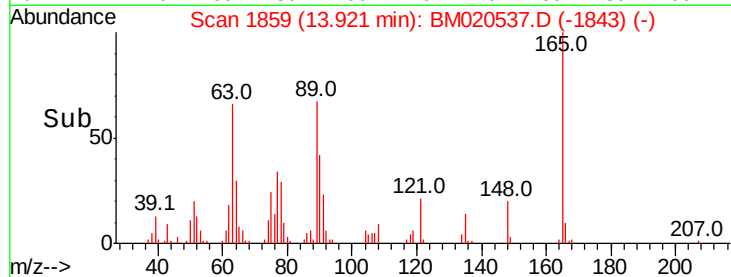
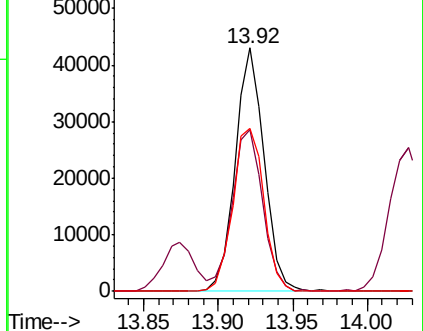
89 67.2 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 32.873 ng

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

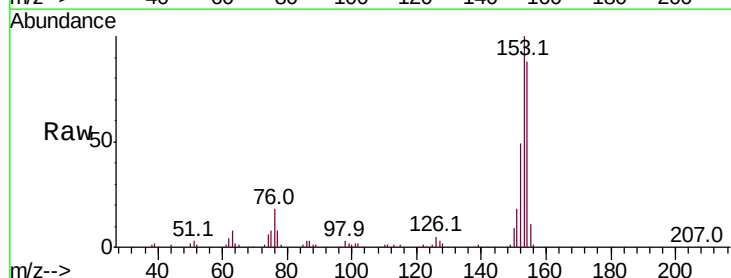
Tgt Ion:154 Resp: 198262

Ion Ratio Lower Upper

154 100

153 113.5 90.2 135.2

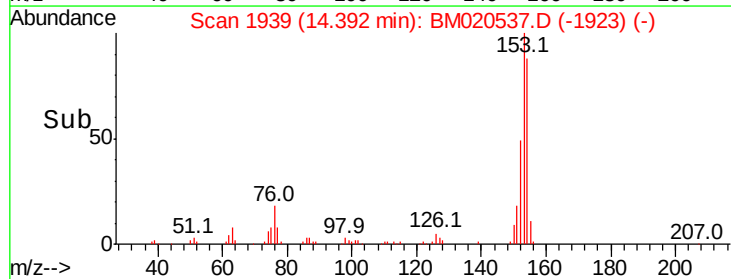
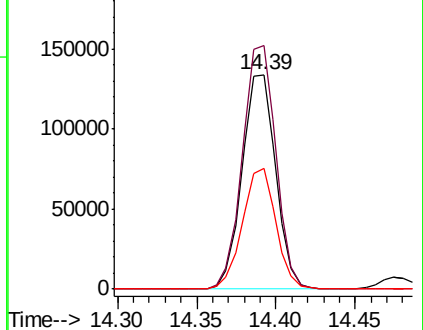
152 56.0 43.0 64.4

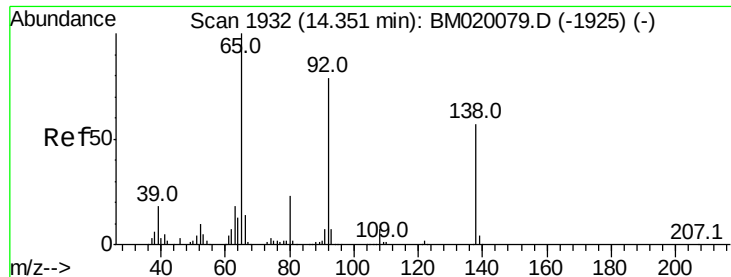


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.408 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

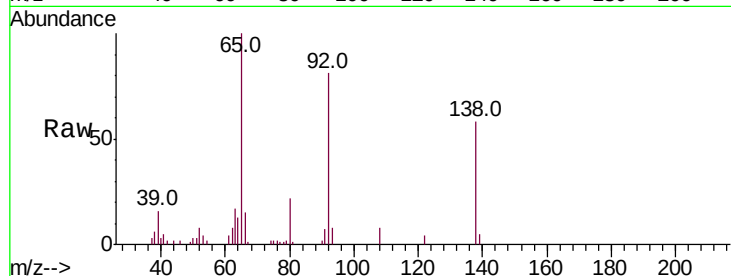
Tot Ion:138 Resp: 30583

Ion Ratio Lower Upper

138 100

108 13.1 10.4 15.6

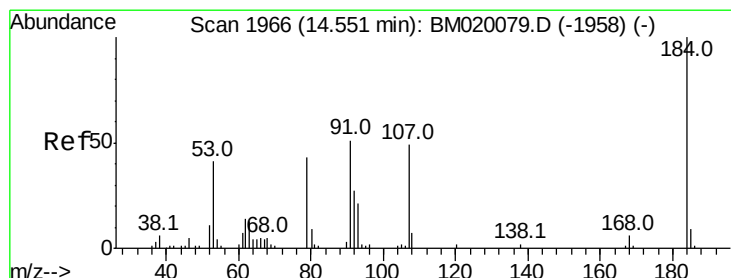
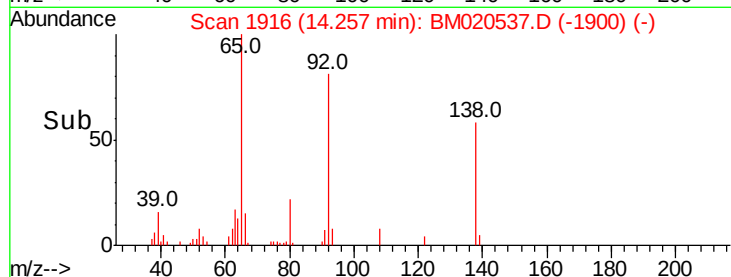
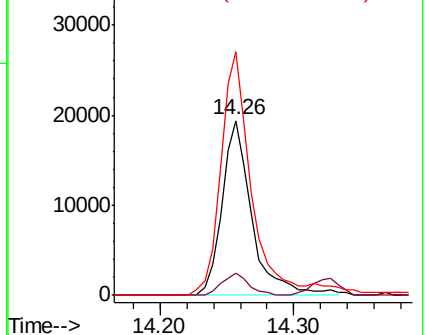
92 139.3 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 29.752 ng

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

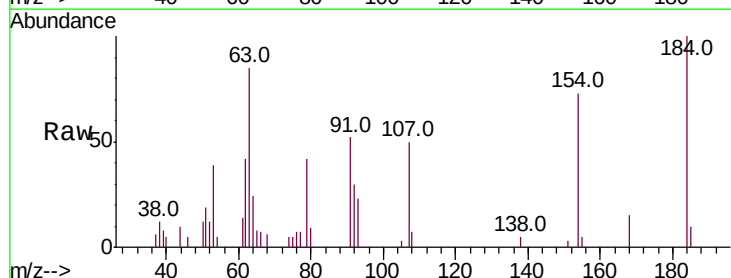
Tgt Ion:184 Resp: 21341

Ion Ratio Lower Upper

184 100

63 84.6 68.9 103.3

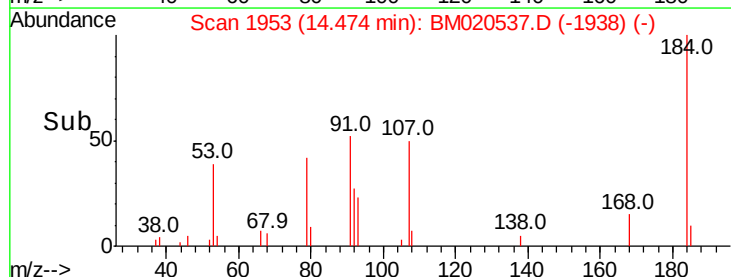
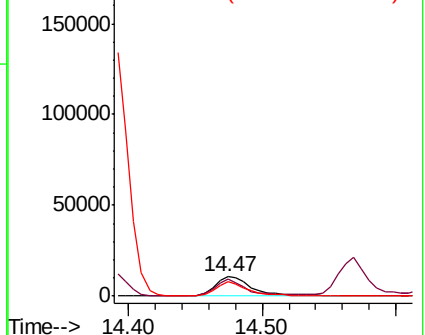
154 72.8 54.4 81.6

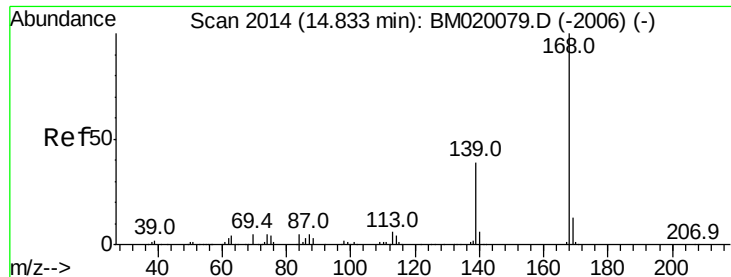


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.978 ng

RT: 14.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

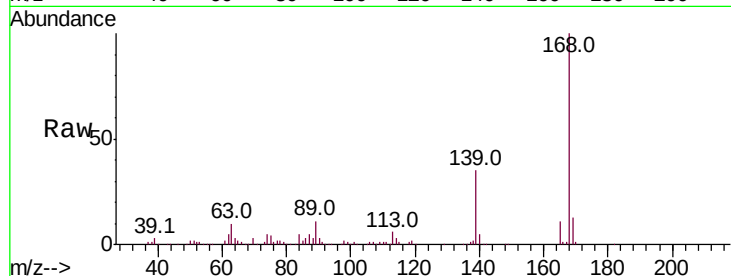
Tot Ion:168 Resp: 355837

Ion Ratio Lower Upper

168 100

139 35.3 31.1 46.7

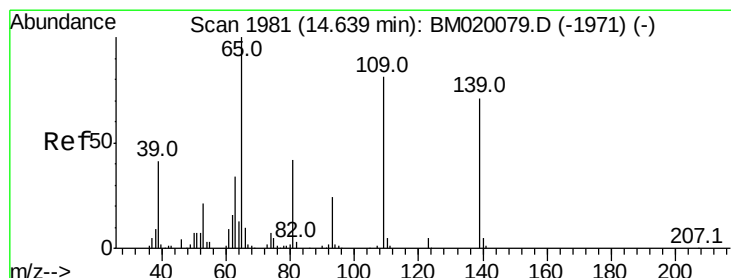
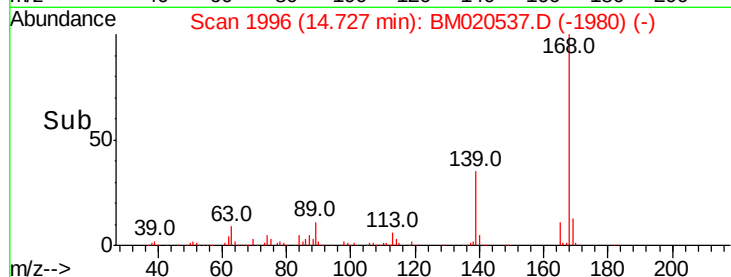
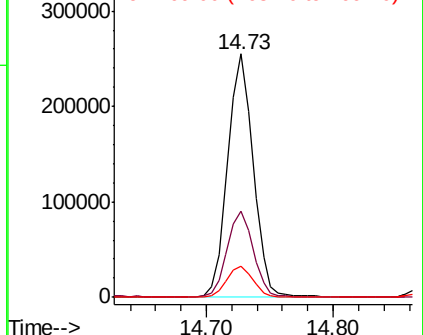
169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 54.085 ng

RT: 14.57 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

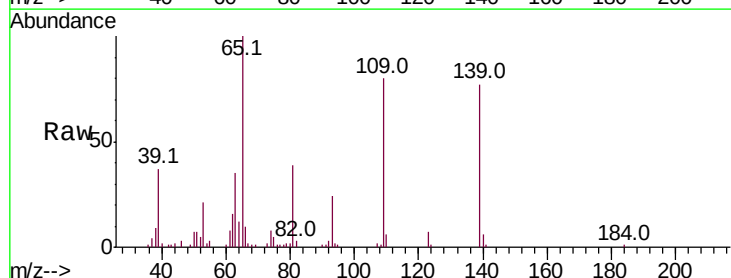
Tgt Ion:139 Resp: 76668

Ion Ratio Lower Upper

139 100

109 104.1 94.1 134.1

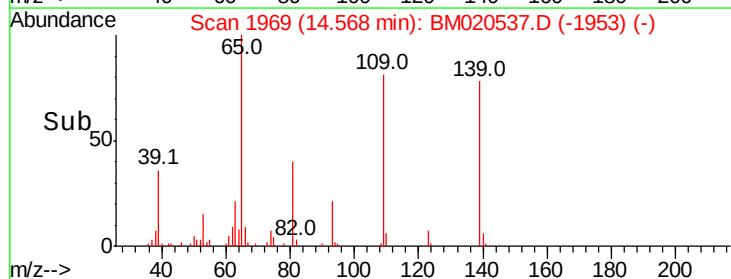
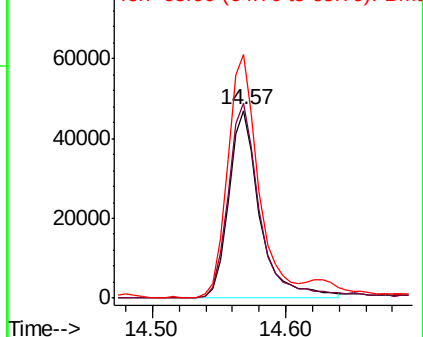
65 130.0 120.9 160.9

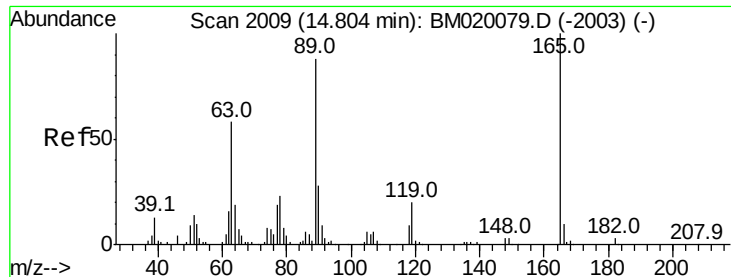


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

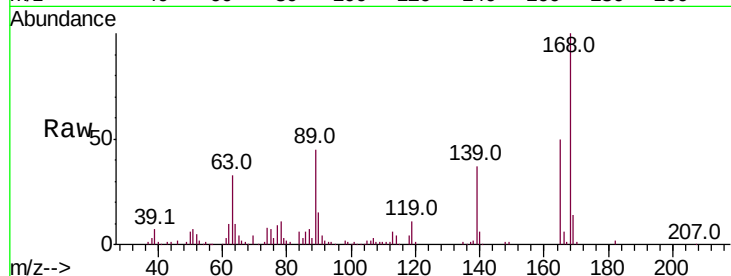




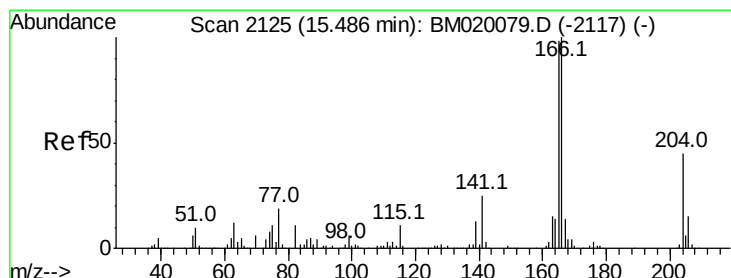
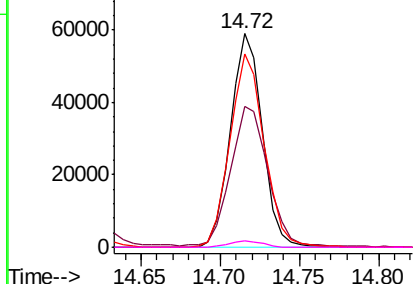
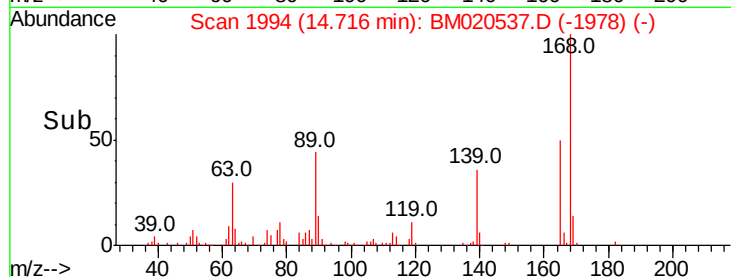
#57
 2,4-Dinitrotoluene
 Concen: 33.655 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 81863
 Ion Ratio Lower Upper
 165 100
 63 65.8 46.2 69.2
 89 90.6 70.6 105.8
 182 3.0 2.2 3.2

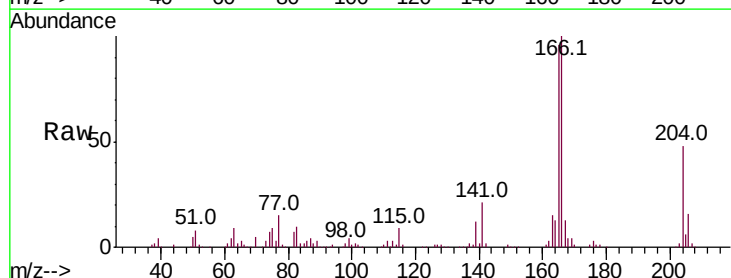


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

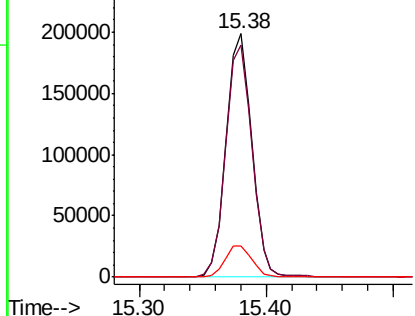
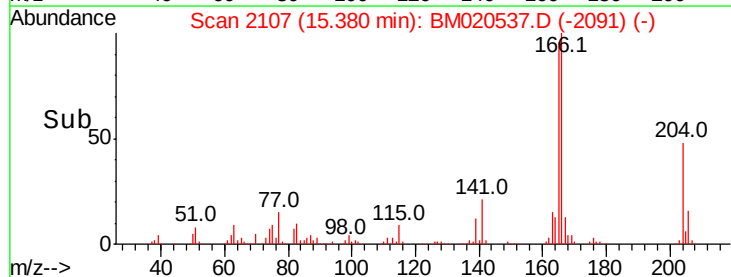


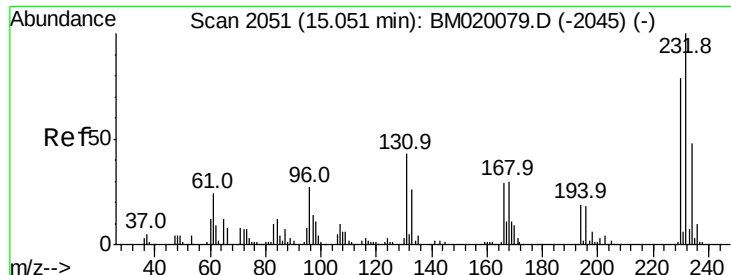
#58
 Fluorene
 Concen: 33.507 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion:166 Resp: 279953
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.2 117.2
 167 12.9 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

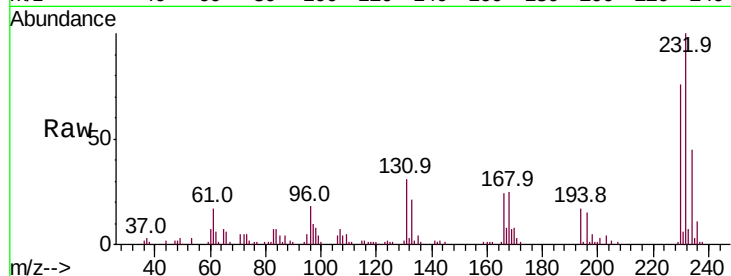




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.804 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.1	34.2	51.4
130	1.6	2.0	3.0
166	27.5	23.8	35.8



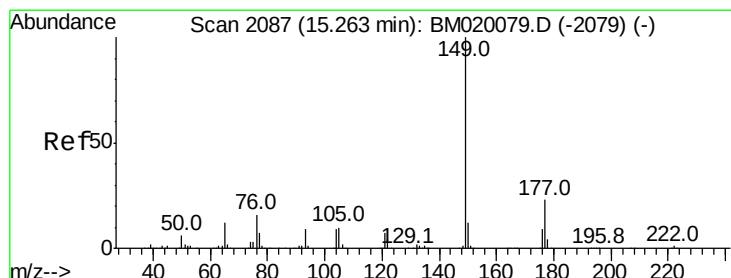
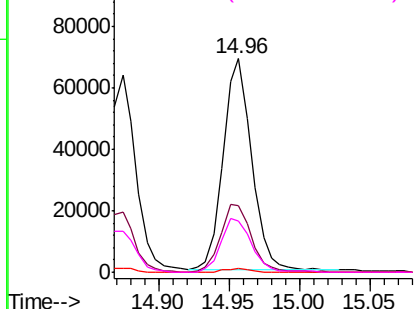
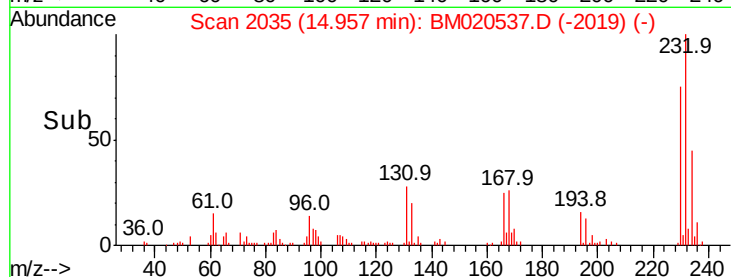
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

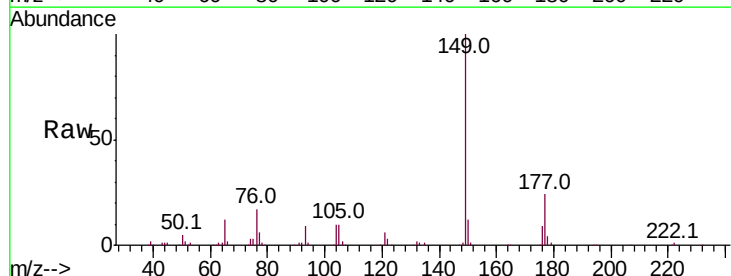
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 30.734 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.2	27.4
150	12.1	9.9	14.9

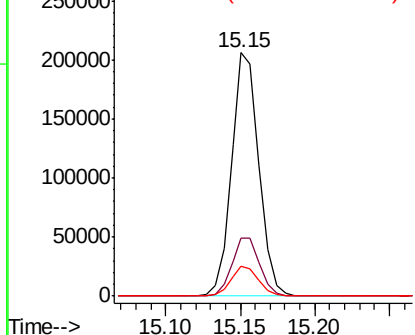
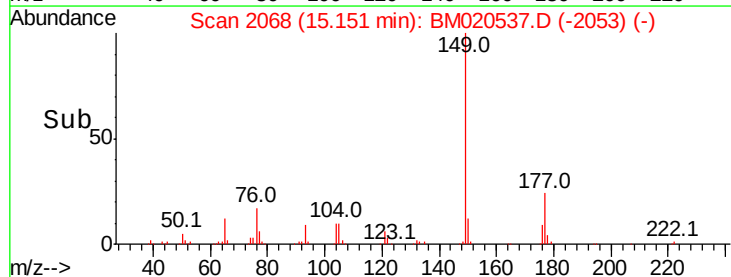


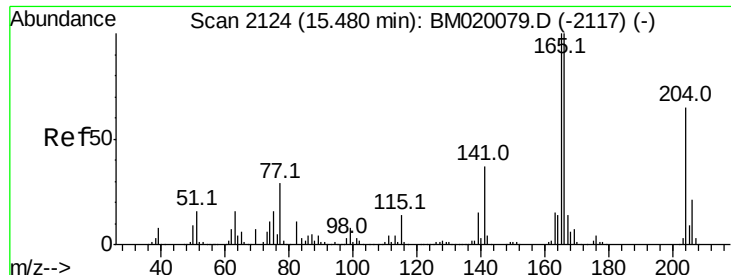
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

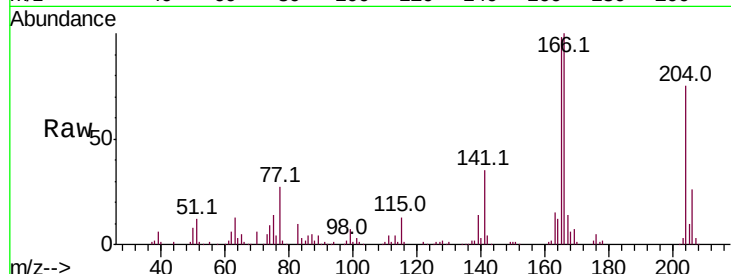




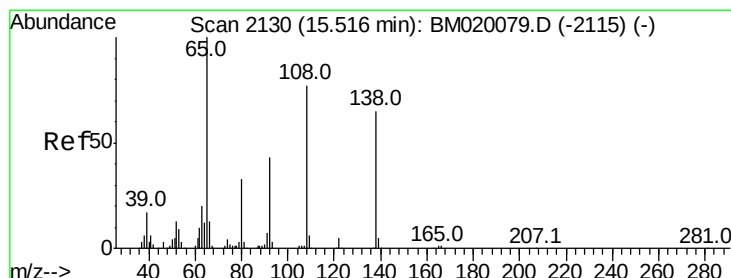
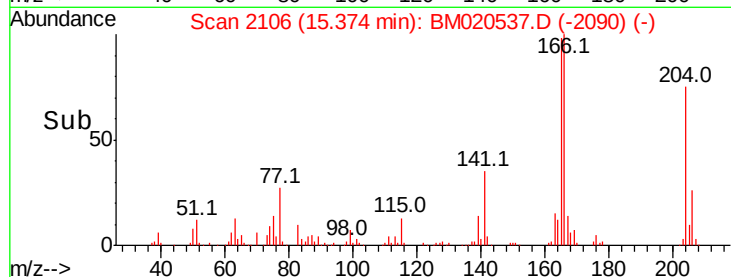
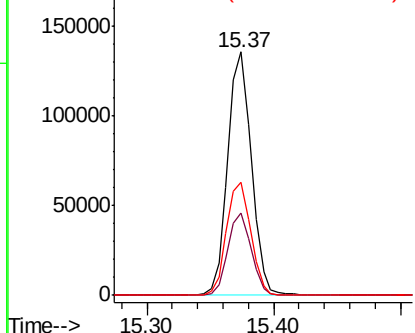
#61
 4-Chlorophenyl-phenylether
 Concen: 37.103 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.6	38.4
141	46.7	46.1	69.1

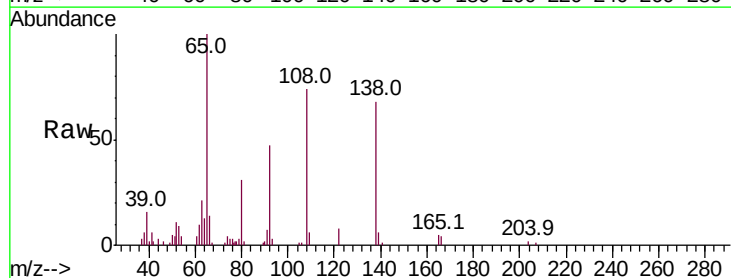


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

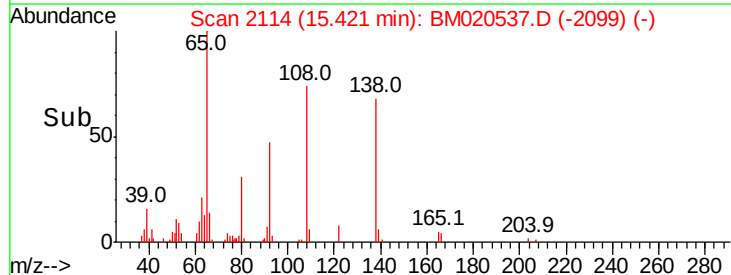
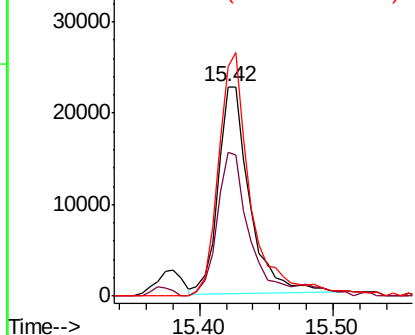


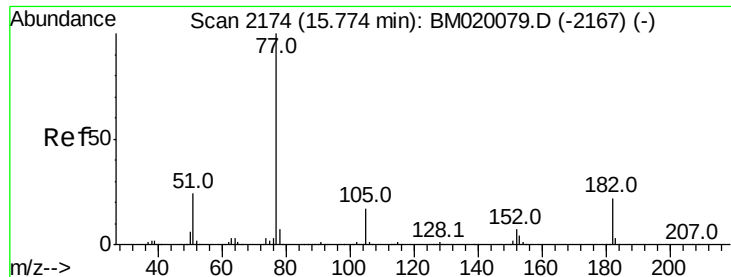
#62
 4-Nitroaniline
 Concen: 20.451 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	68.9	45.9	85.9
108	109.6	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: 29.150 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

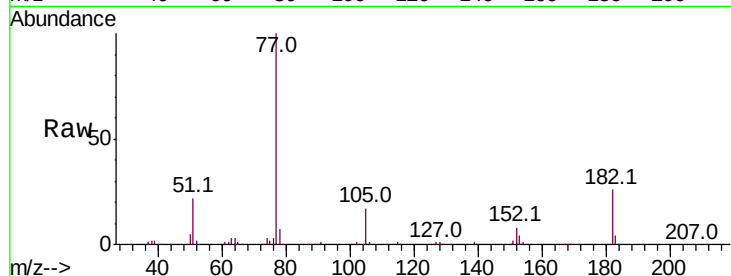
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 294465

Ion	Ratio	Lower	Upper
77	100		
182	25.5	2.1	42.1
105	17.1	0.0	36.8
51	21.7	3.8	43.8

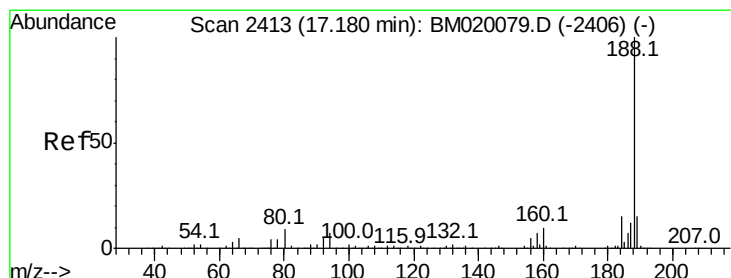
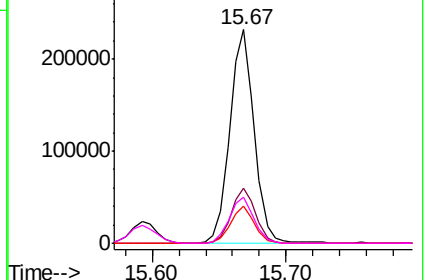
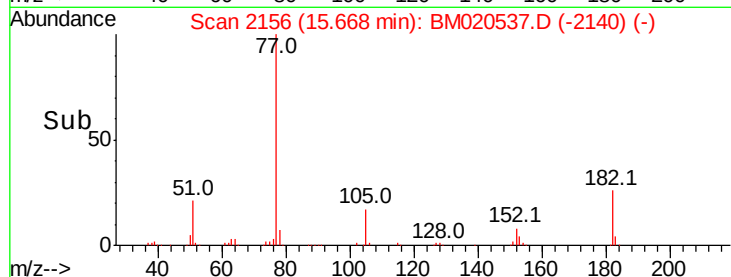


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.08 min Scan# 2396

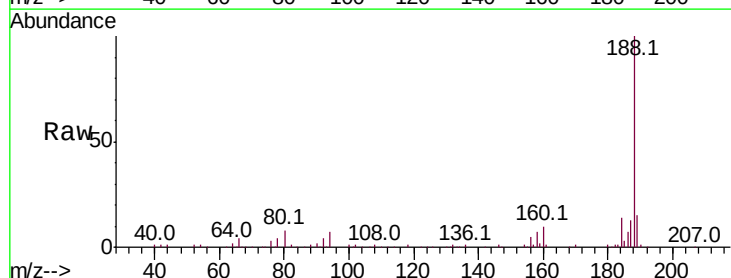
Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion: 188 Resp: 256825

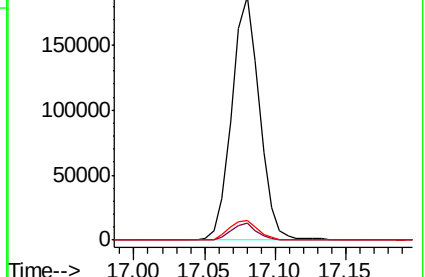
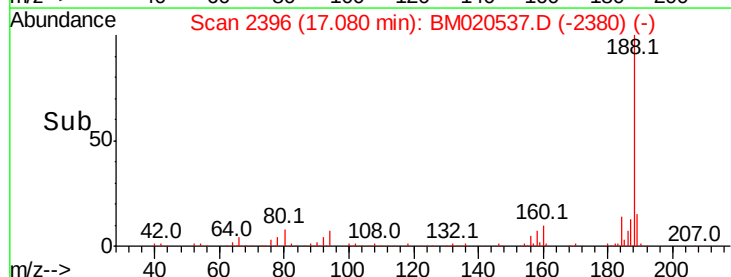
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.6
80	8.3	7.4	11.2

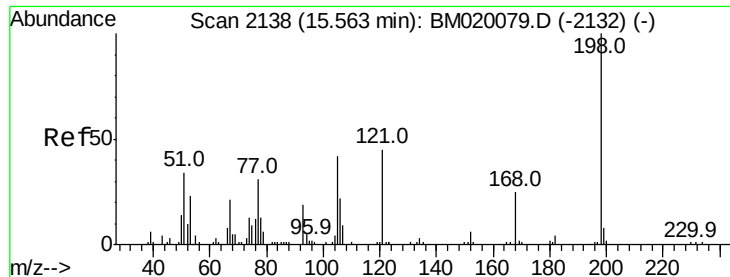


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

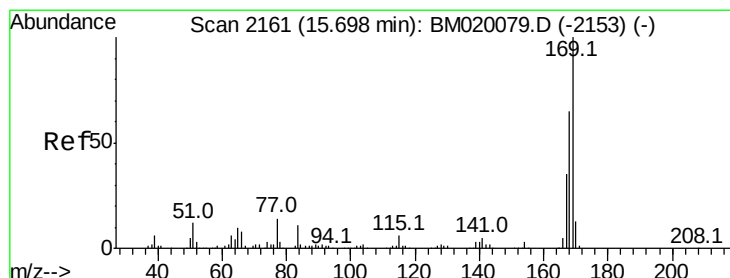
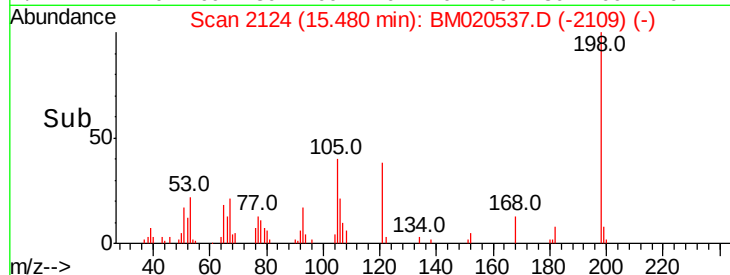
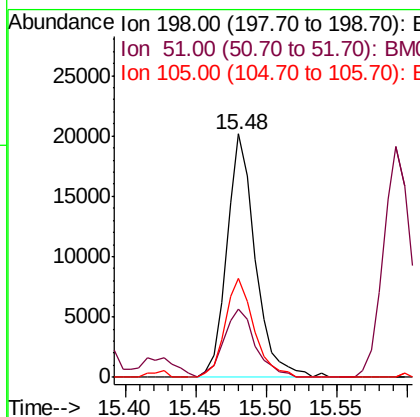
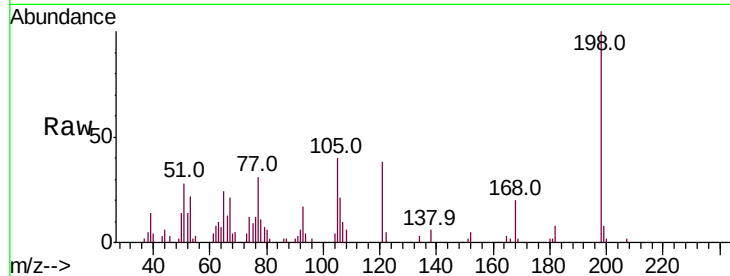




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.712 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

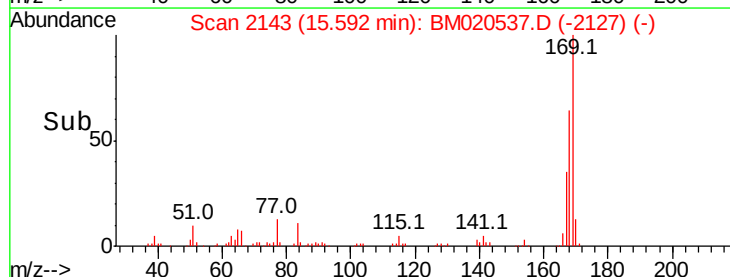
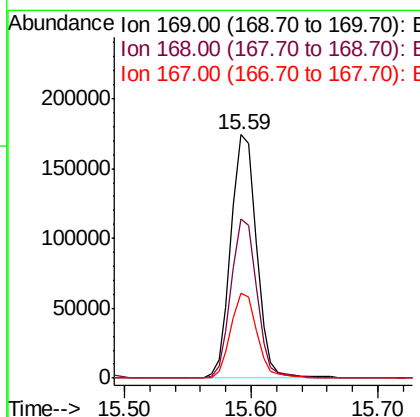
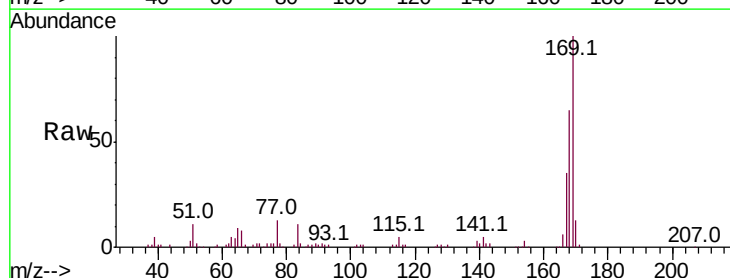
Instrument :
 BNA_M
 ClientSampled :

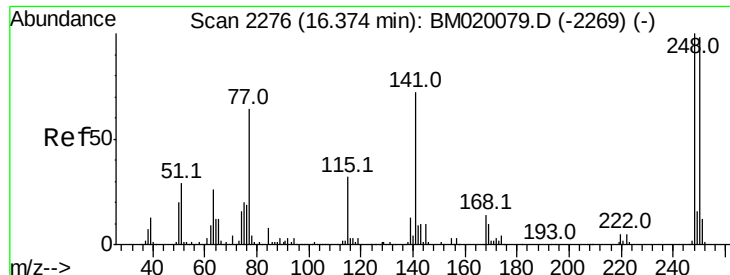
Tot Ion:198 Resp: 28254
 Ion Ratio Lower Upper
 198 100
 51 27.9 16.5 56.5
 105 40.4 22.8 62.8



#66
 n-Nitrosodiphenylamine
 Concen: 32.257 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion:169 Resp: 243775
 Ion Ratio Lower Upper
 169 100
 168 65.1 51.9 77.9
 167 34.9 27.8 41.6

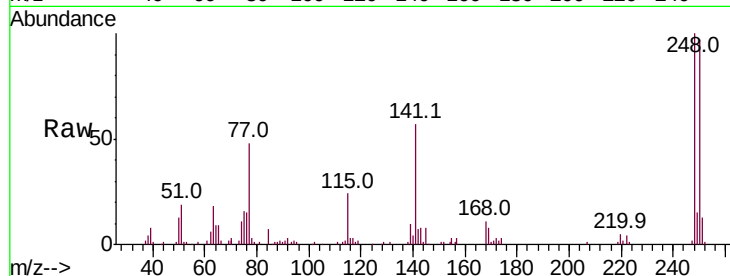




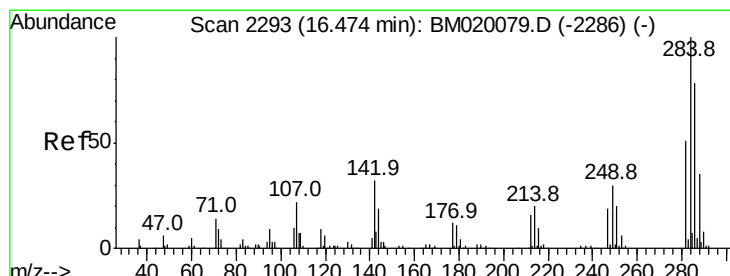
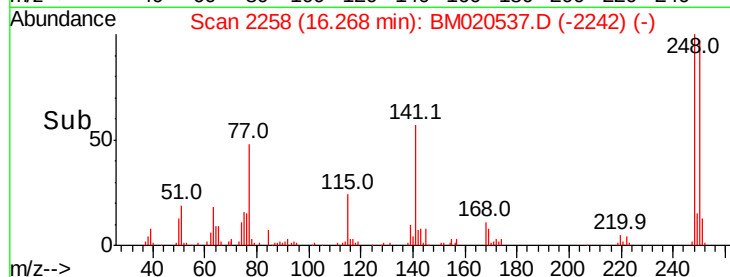
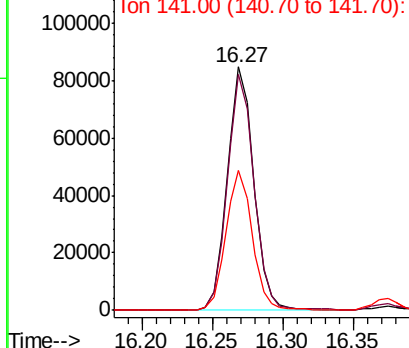
#67
 4-Bromophenyl-phenylether
 Concen: 35.092 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 110518
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.4 117.6
 141 57.5 57.4 86.2

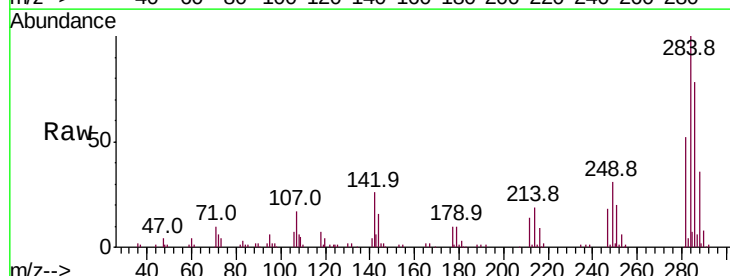


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

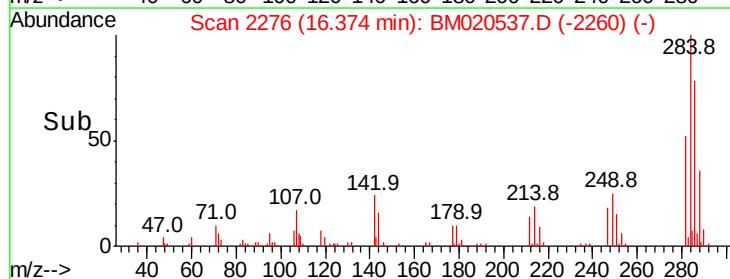
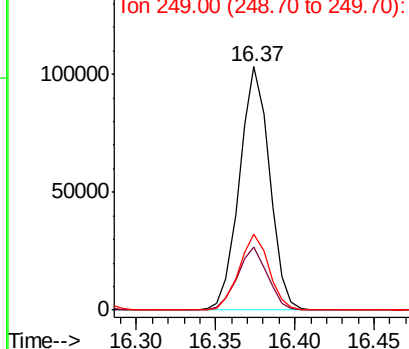


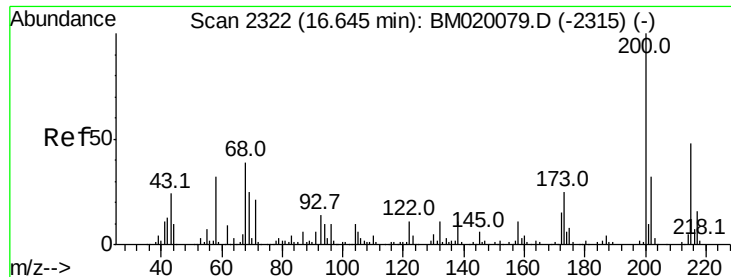
#68
 Hexachlorobenzene
 Concen: 37.564 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion:284 Resp: 136134
 Ion Ratio Lower Upper
 284 100
 142 26.0 25.2 37.8
 249 31.0 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

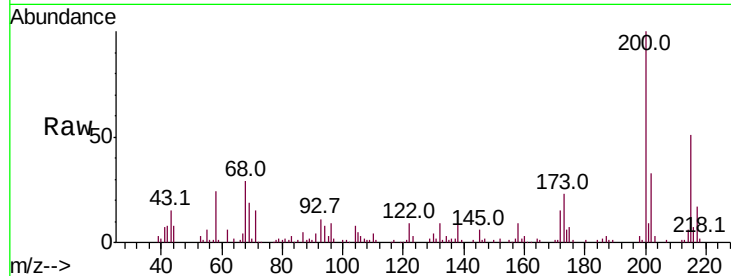




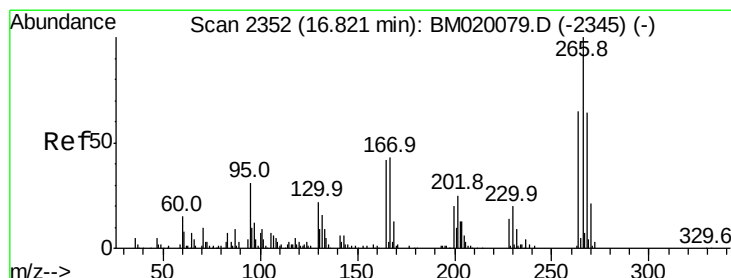
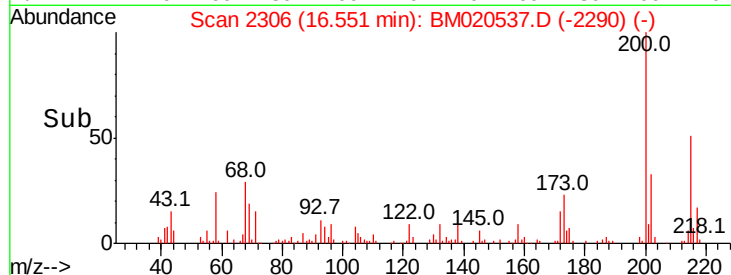
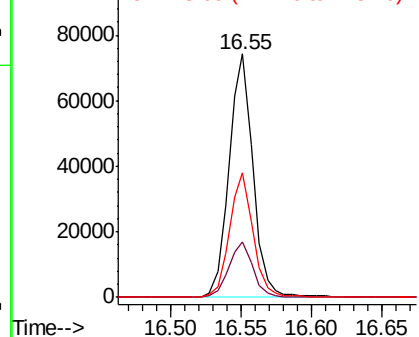
#69
 Atrazine
 Concen: 29.547 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:200 Resp: 87263
 Ion Ratio Lower Upper
 200 100
 173 22.8 4.6 44.6
 215 51.3 28.0 68.0

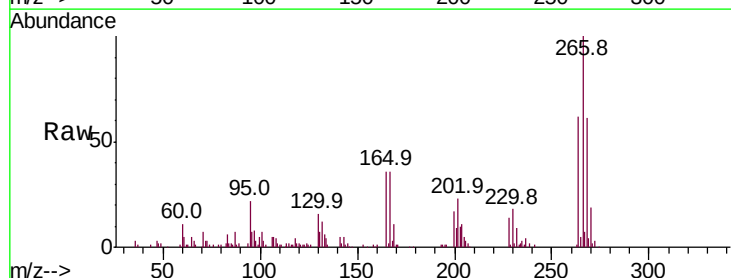


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

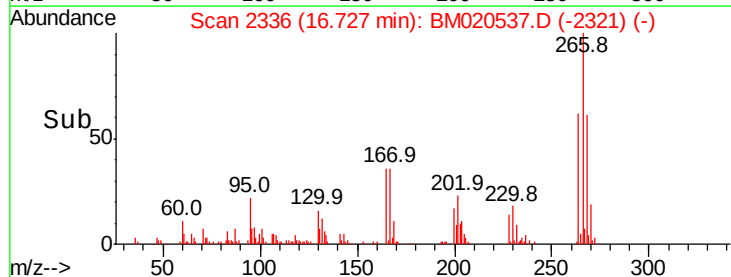
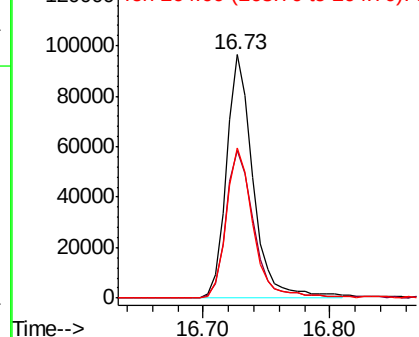


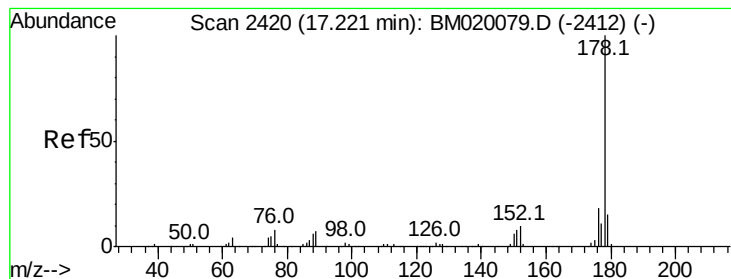
#70
 Pentachlorophenol
 Concen: 68.097 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BM020537.D
 Acq: 24 May 2019 04:00

Tgt Ion:266 Resp: 141202
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.4 77.0
 264 61.8 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: 33.412 ng

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampled :

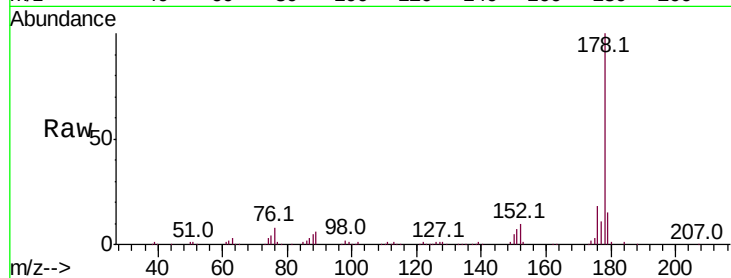
Tot Ion:178 Resp: 473684

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

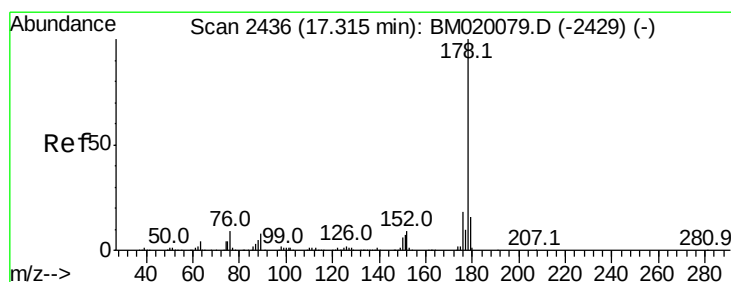
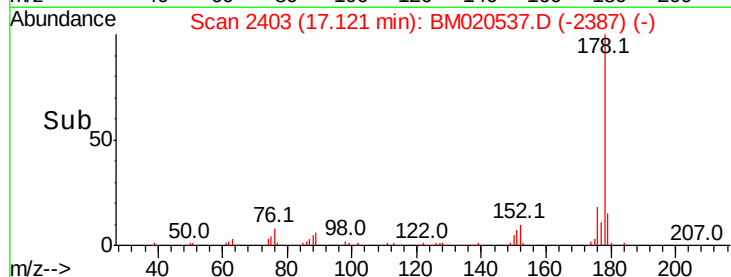
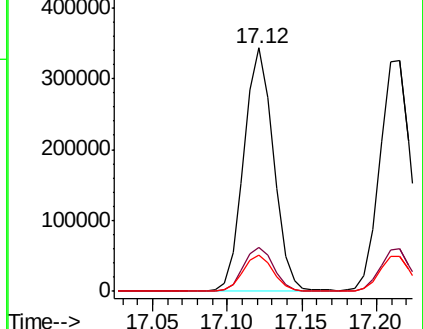
179 14.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 32.970 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

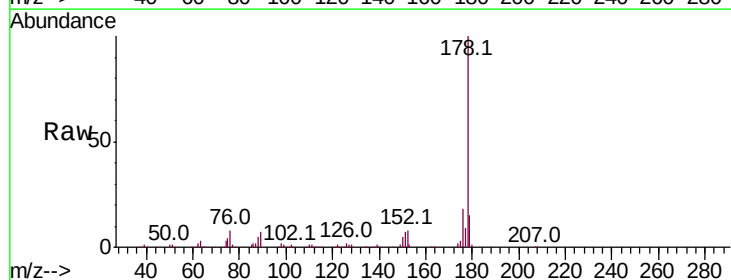
Tgt Ion:178 Resp: 467324

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

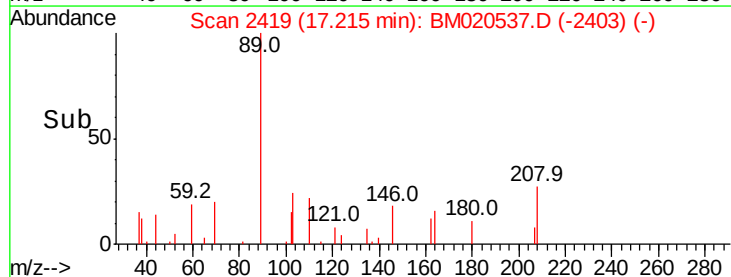
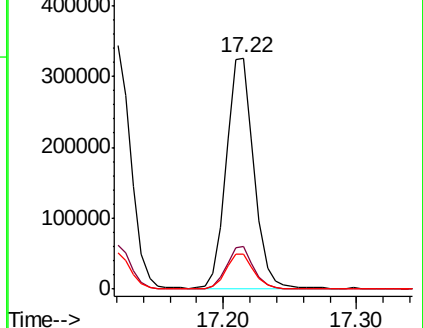
179 15.3 12.4 18.6

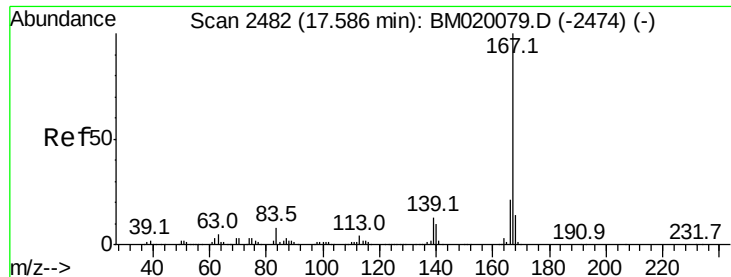


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 30.595 ng

RT: 17.49 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

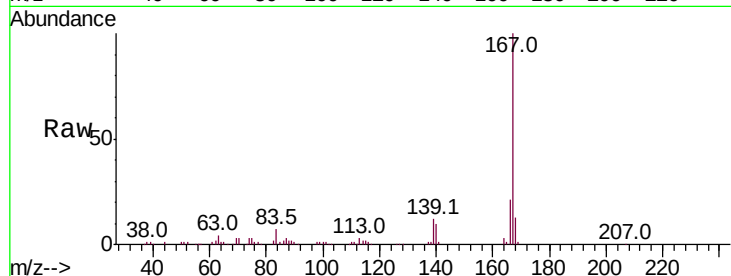
Tot Ion:167 Resp: 391302

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

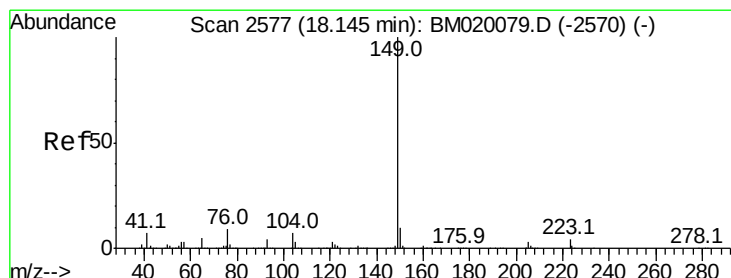
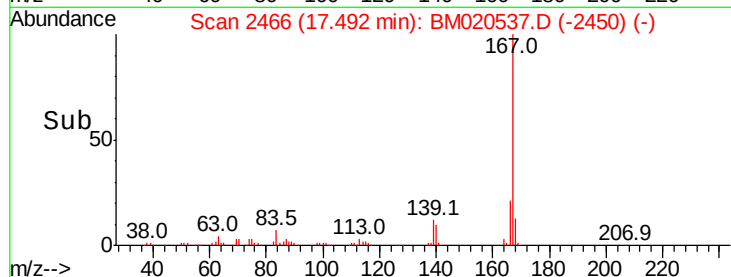
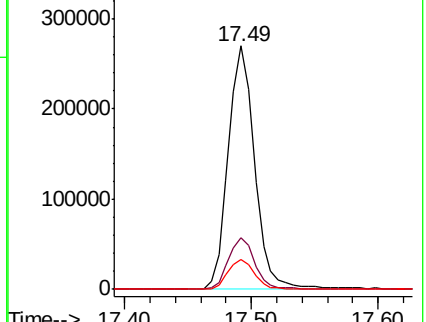
139 12.2 10.6 16.0



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: 28.664 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

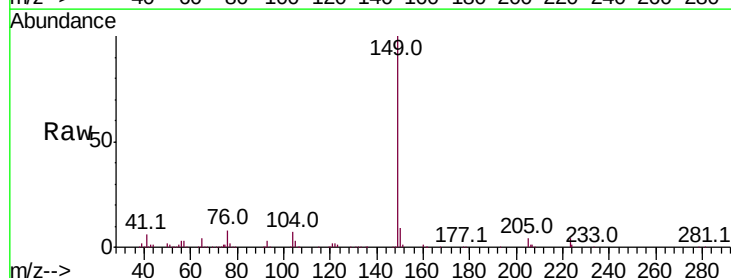
Tgt Ion:149 Resp: 441185

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

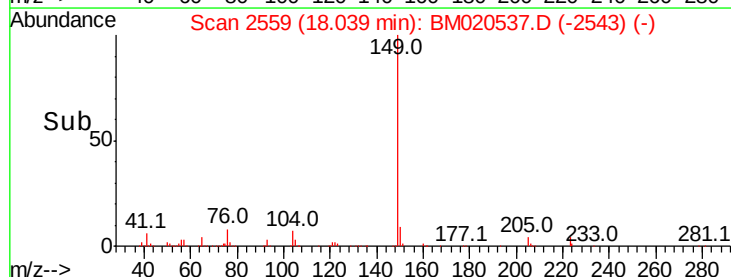
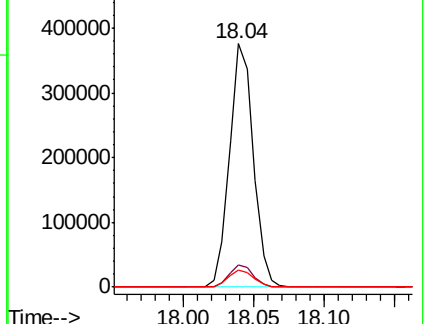
104 7.0 5.7 8.5

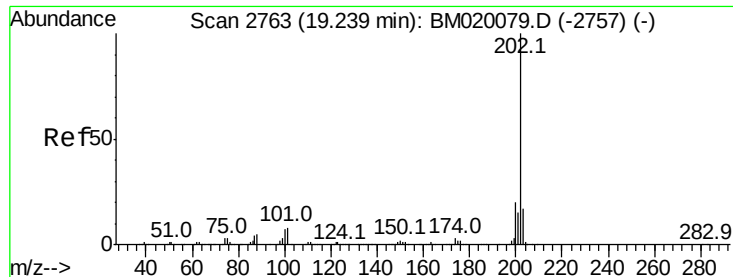


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.625 ng

RT: 19.14 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

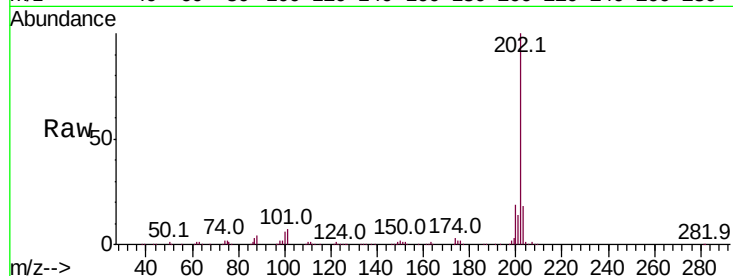
Tot Ion:202 Resp: 621085

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.4

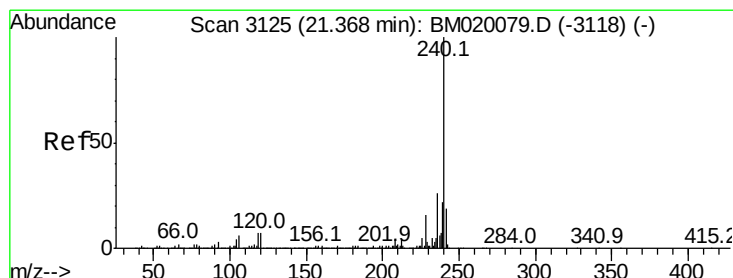
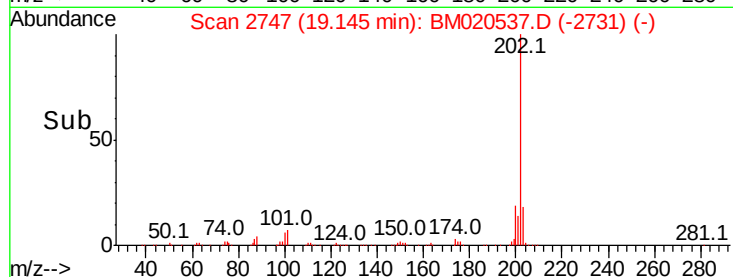
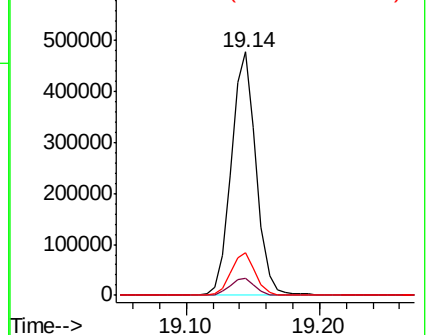
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

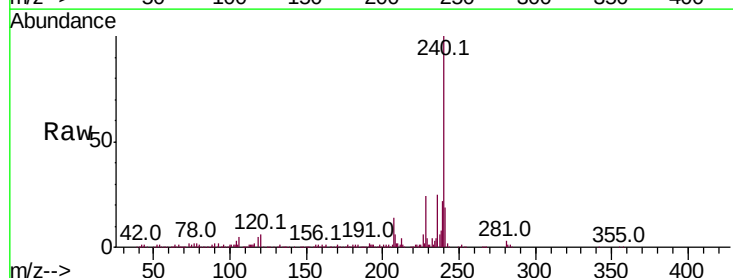
Tgt Ion:240 Resp: 309453

Ion Ratio Lower Upper

240 100

120 5.6 5.6 8.4#

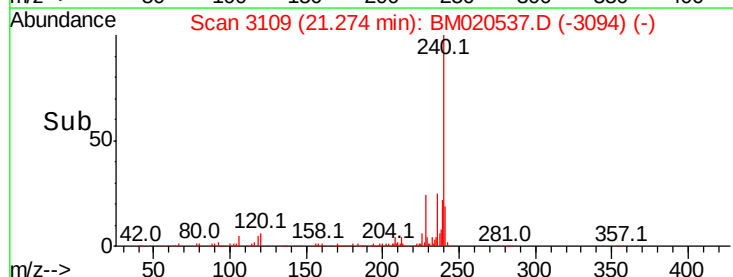
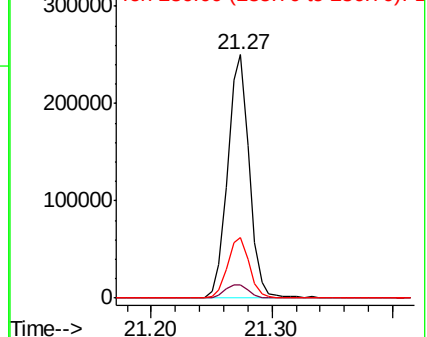
236 25.0 20.9 31.3

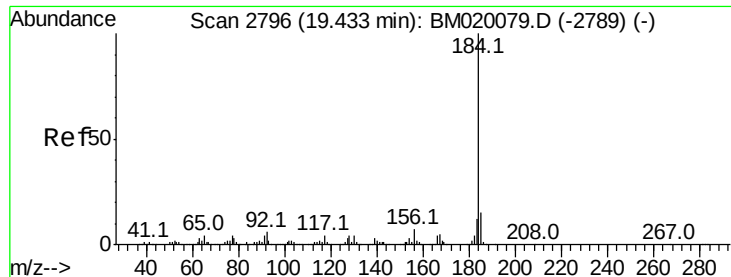


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.160 ng

RT: 19.34 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

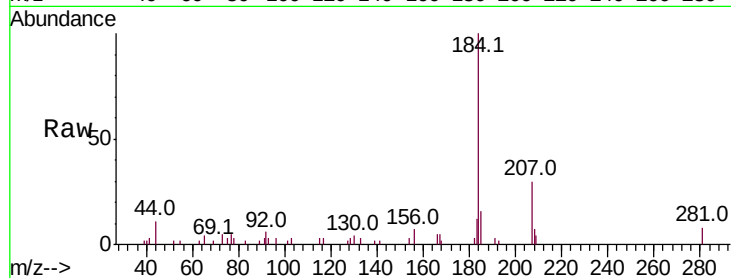
Tot Ion:184 Resp: 31259

Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

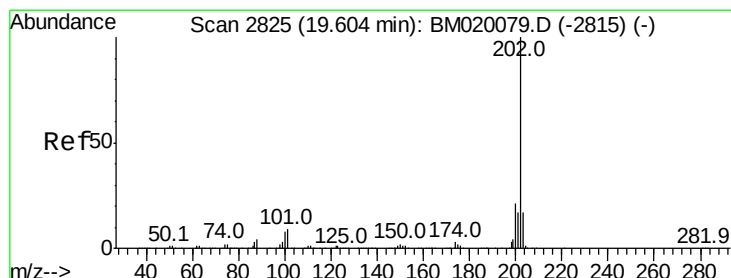
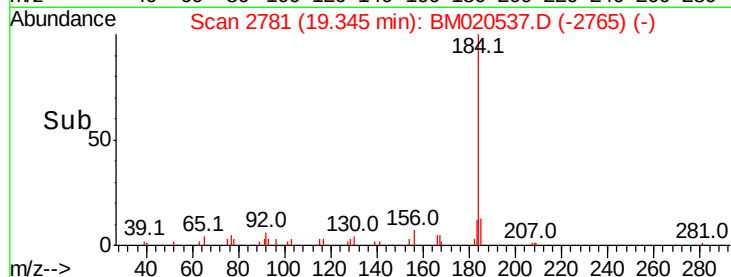
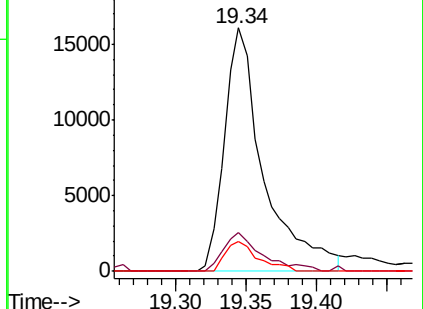
183 12.3 9.5 14.3



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: 30.724 ng

RT: 19.51 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

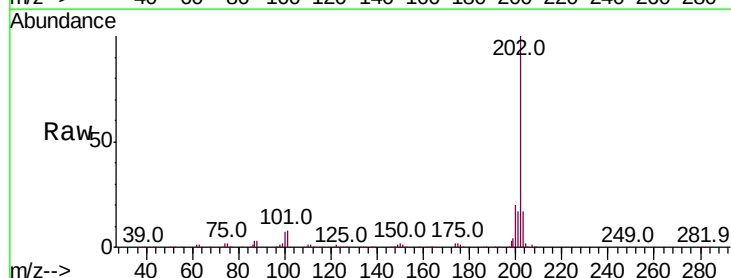
Tgt Ion:202 Resp: 638333

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

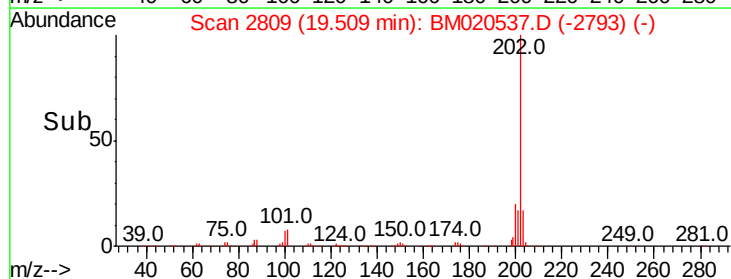
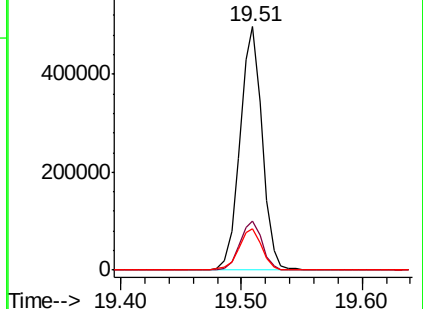
203 17.1 13.9 20.9

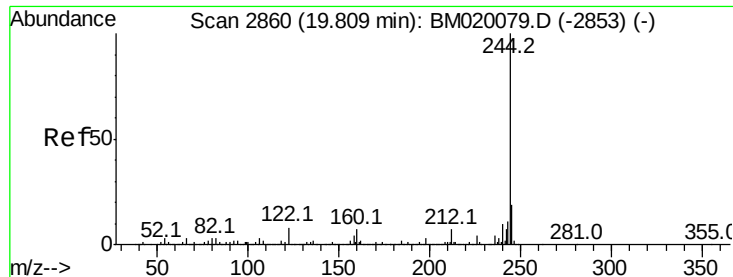


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.370 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampled :

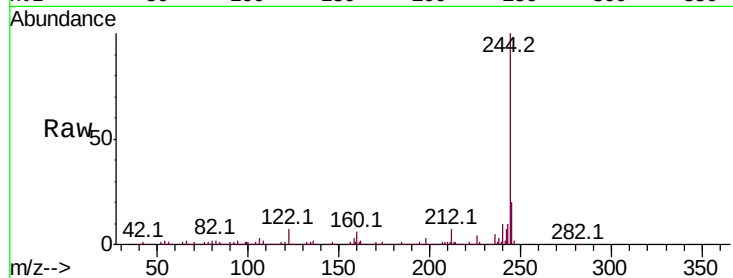
Tot Ion:244 Resp: 1035584

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

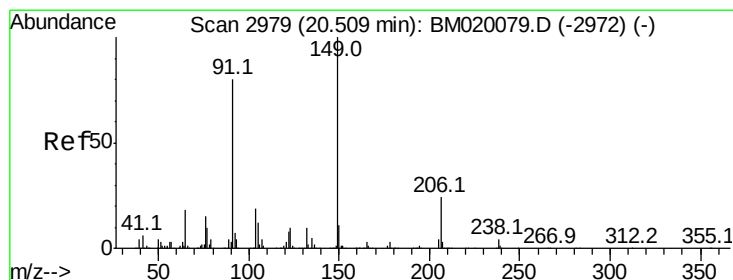
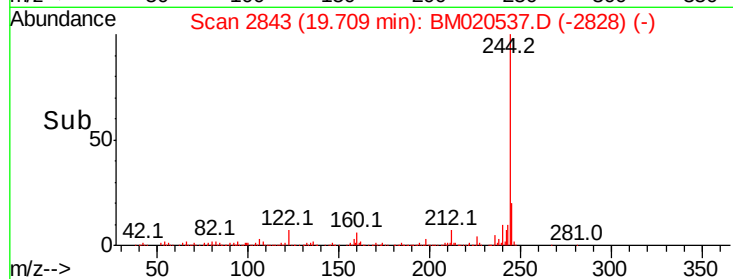
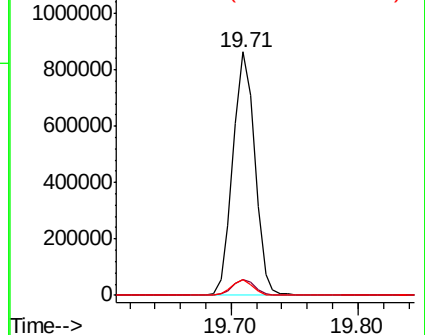
122 6.6 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 23.811 ng

RT: 20.41 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

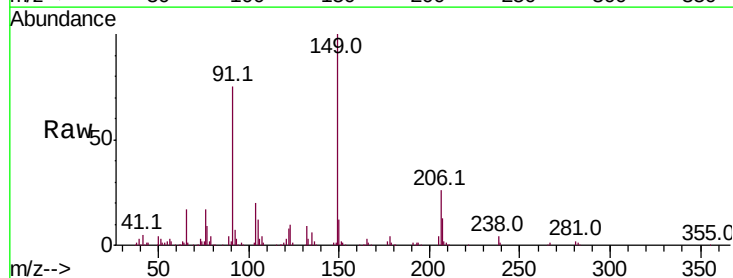
Tgt Ion:149 Resp: 179904

Ion Ratio Lower Upper

149 100

91 75.4 63.8 95.8

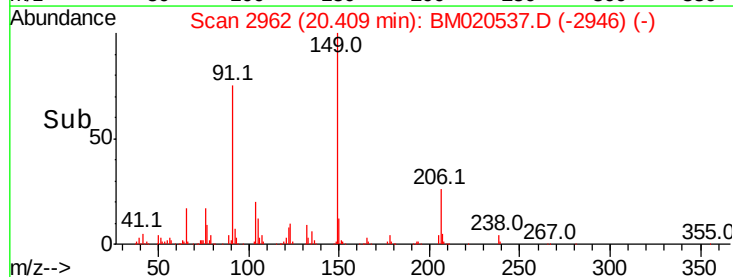
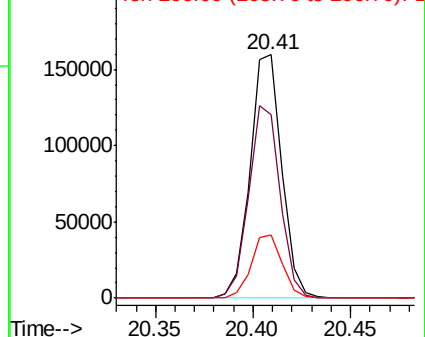
206 26.1 18.9 28.3

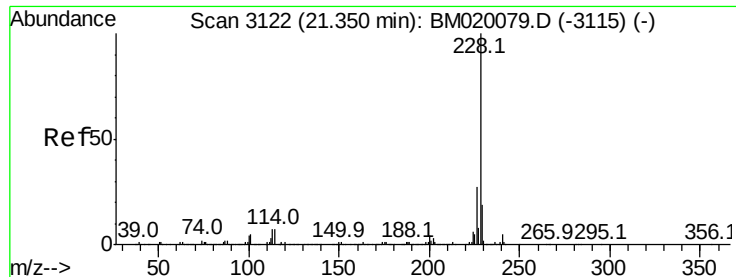


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.343 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM020537.D

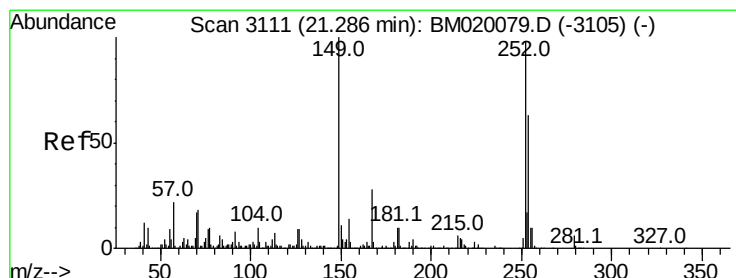
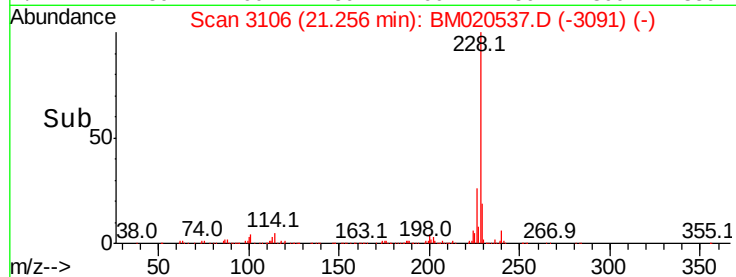
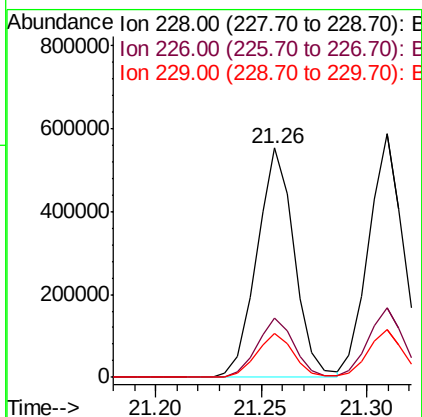
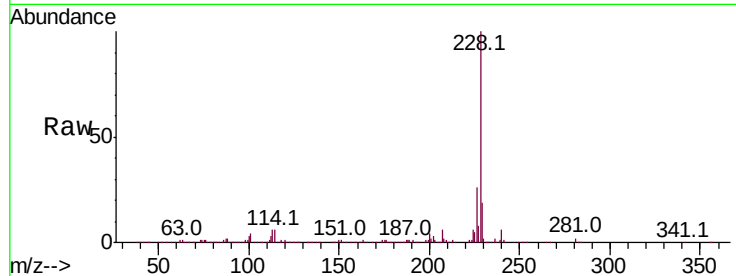
Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	680204
Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.3	31.9
229	19.1	15.5	23.3



#82

3,3'-Dichlorobenzidine

Concen: 16.489 ng

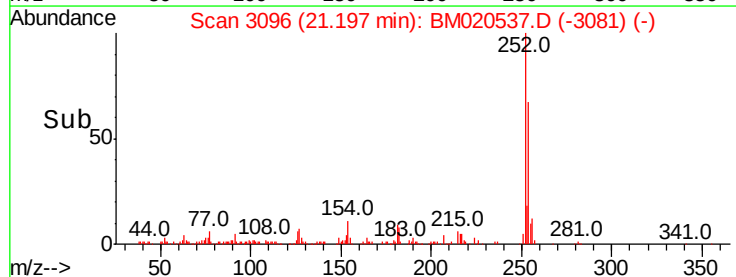
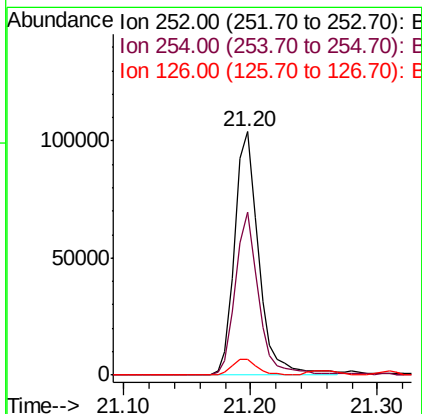
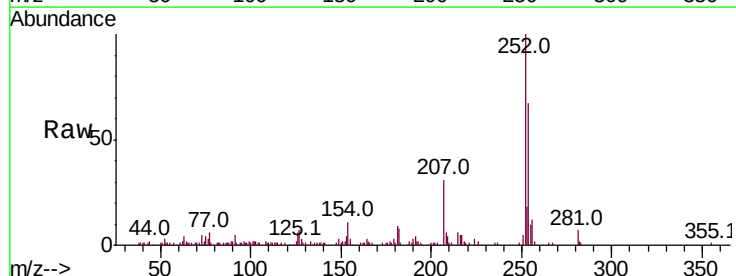
RT: 21.20 min Scan# 3096

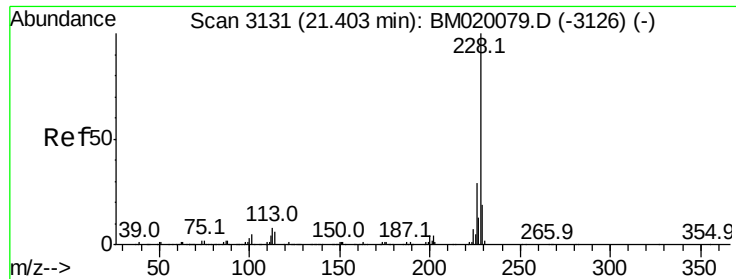
Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:	252	Resp:	136579
Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.1	76.7
126	6.5	7.1	10.7#





#83

Chrysene

Concen: 32.056 ng

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

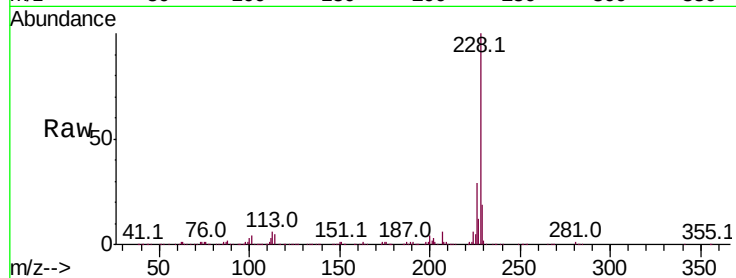
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 674697

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.4	15.5	23.3

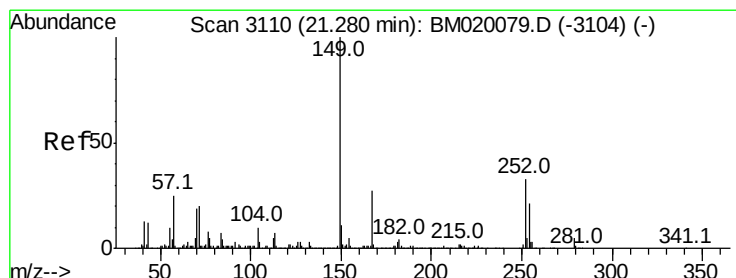
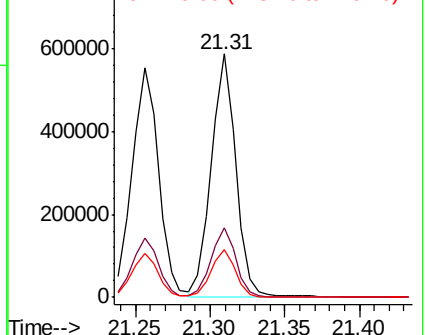
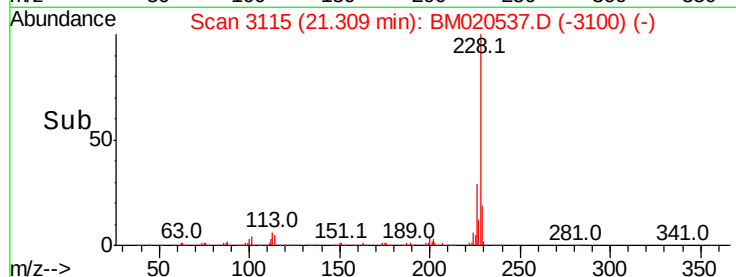


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.869 ng

RT: 21.17 min Scan# 3092

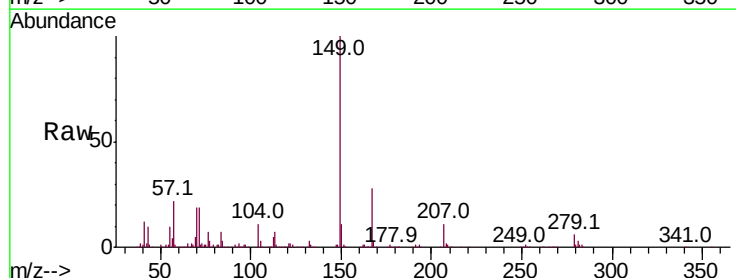
Delta R.T. -0.01 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:149 Resp: 279840

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	6.1	4.2	6.2

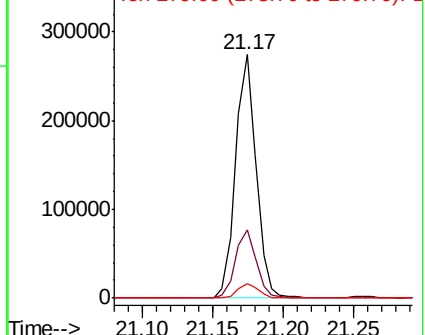
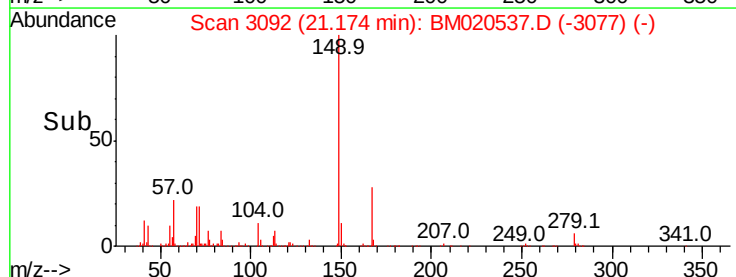


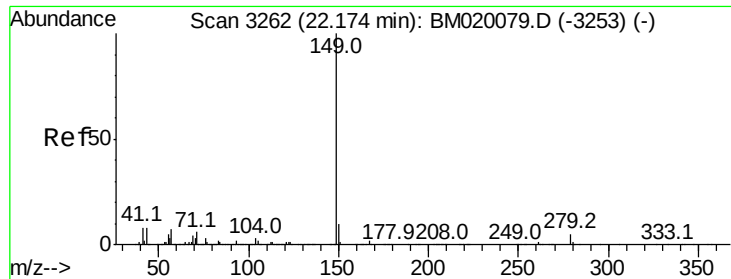
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 26.216 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.02 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

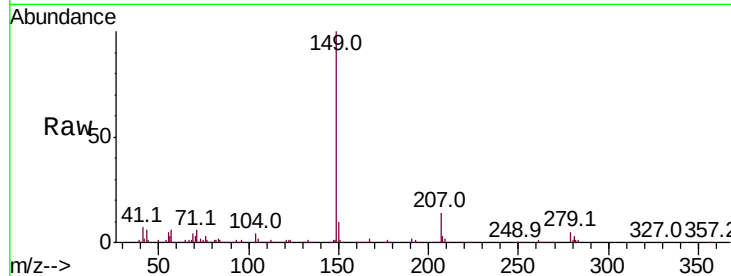
Tot Ion:149 Resp: 510850

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

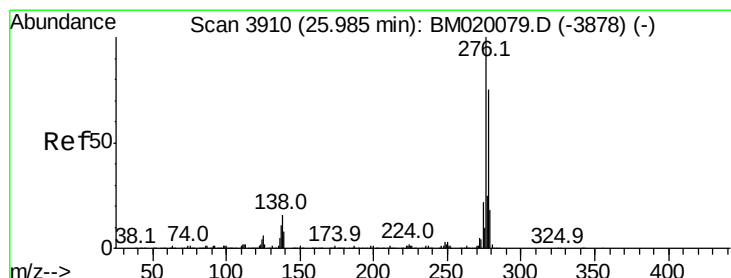
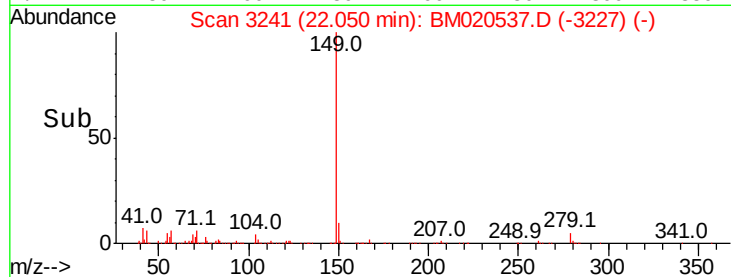
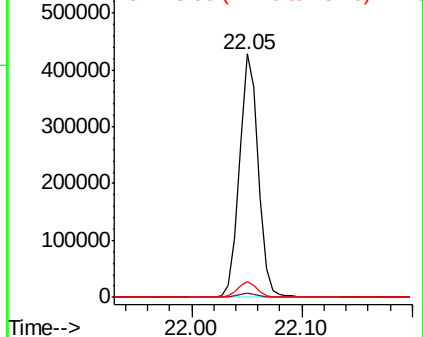
43 6.5 6.5 9.7



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.148 ng

RT: 25.79 min Scan# 3876

Delta R.T. -0.04 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

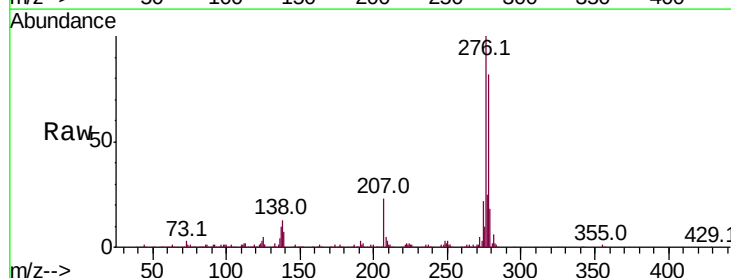
Tgt Ion:276 Resp: 904955

Ion Ratio Lower Upper

276 100

138 13.2 0.0 0.0#

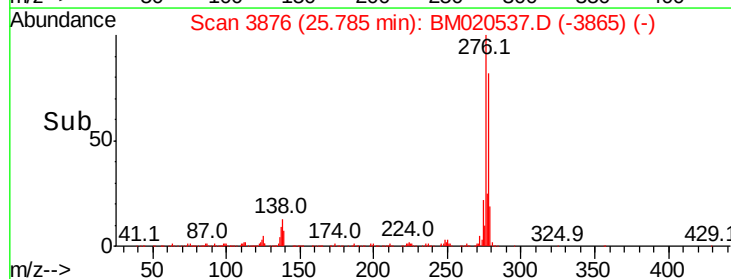
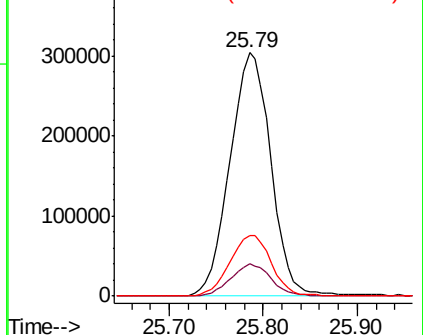
277 25.1 0.0 0.0#

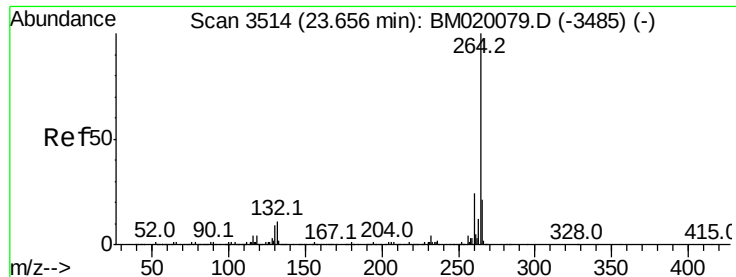


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

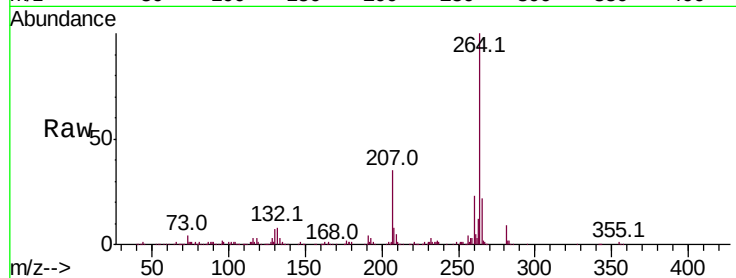
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 352137

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.5	16.9	25.3

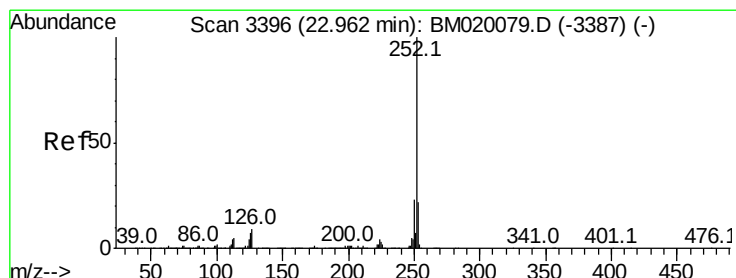
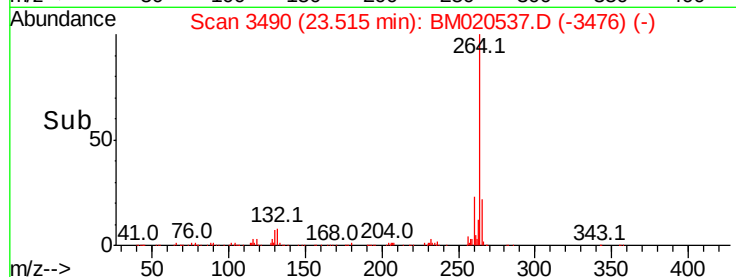
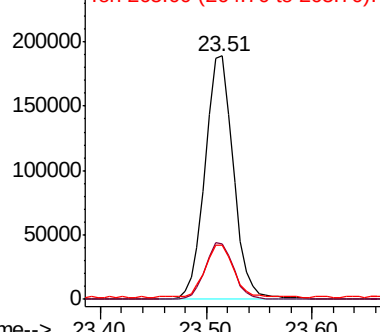


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 33.337 ng

RT: 22.84 min Scan# 3375

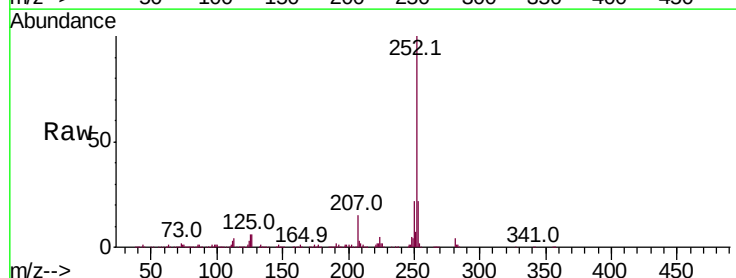
Delta R.T. -0.02 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:252 Resp: 775183

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	5.6	5.4	8.2

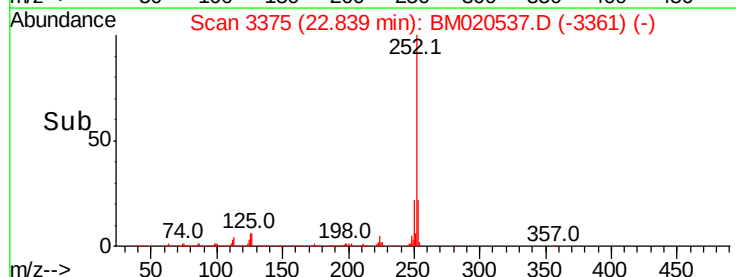
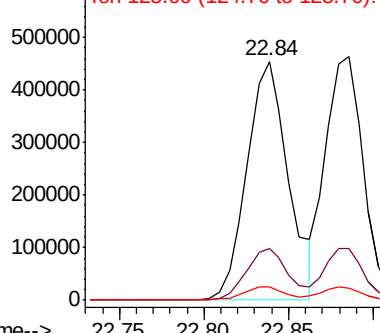


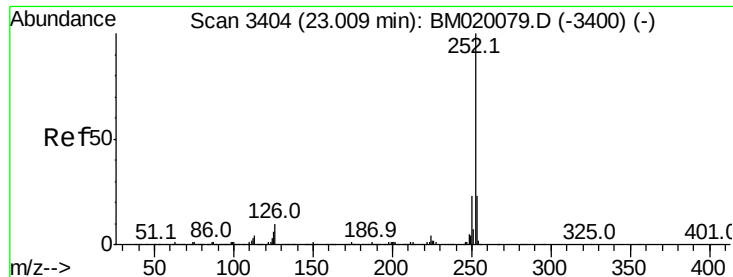
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.344 ng

RT: 22.84 min Scan# 3375

Delta R.T. -0.06 min

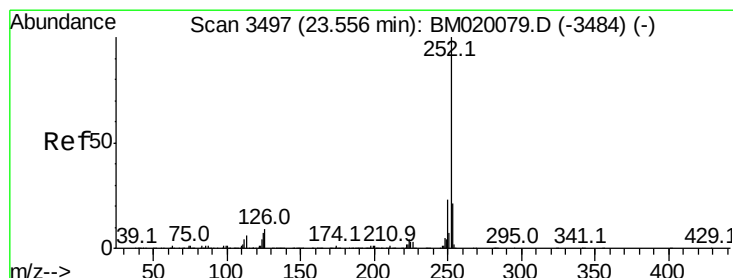
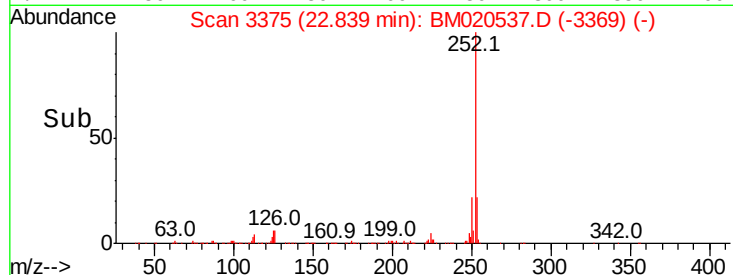
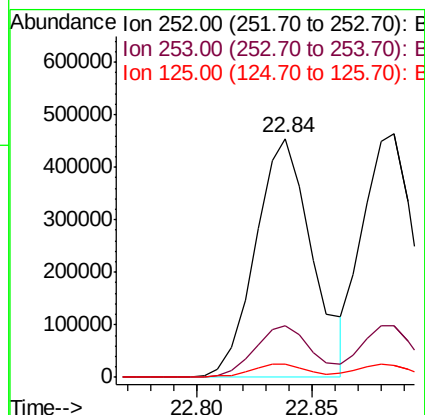
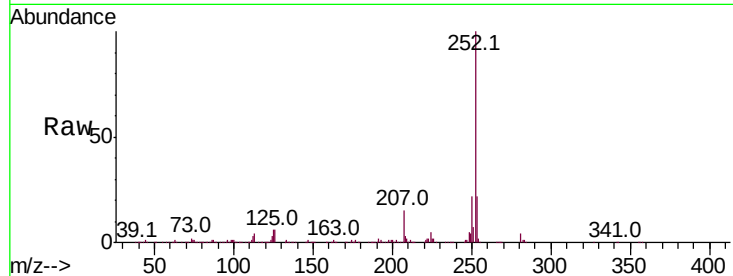
Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 770893

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	5.6	5.4	8.0



#90

Benzo(a)pyrene

Concen: 34.477 ng

RT: 23.41 min Scan# 3473

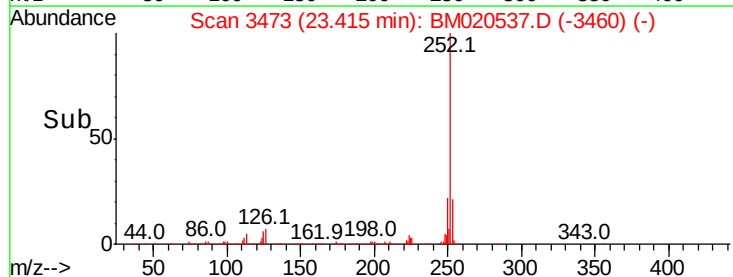
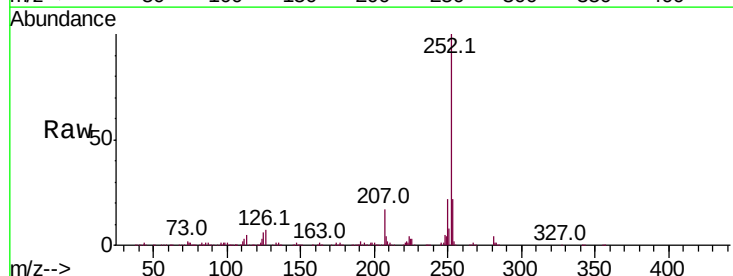
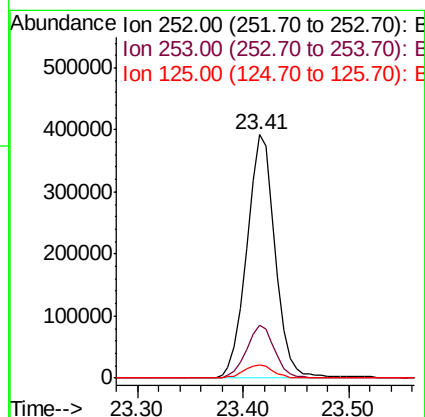
Delta R.T. -0.02 min

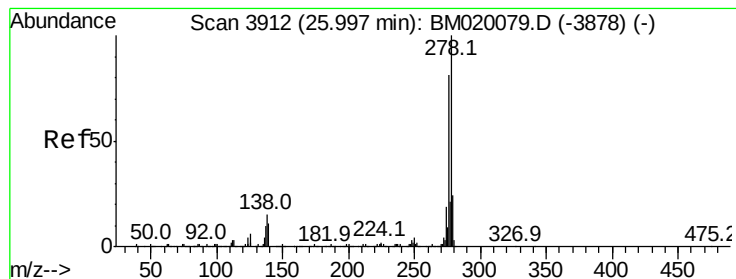
Lab File: BM020537.D

Acq: 24 May 2019 04:00

Tgt Ion:252 Resp: 728212

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	5.6	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 35.764 ng

RT: 25.80 min Scan# 3878

Delta R.T. -0.03 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

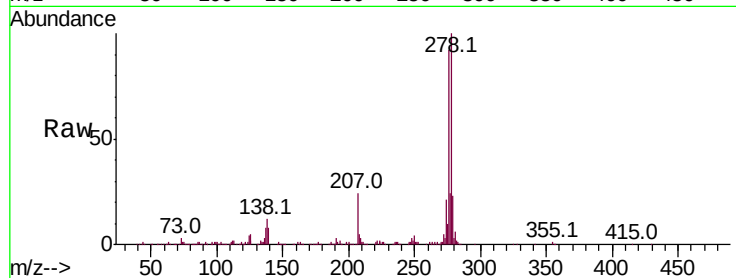
Tot Ion:278 Resp: 785578

Ion Ratio Lower Upper

278 100

139 8.1 8.6 13.0#

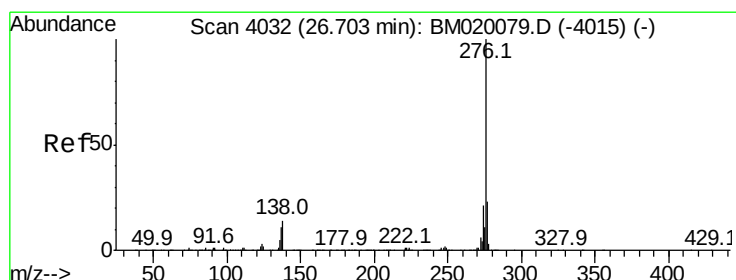
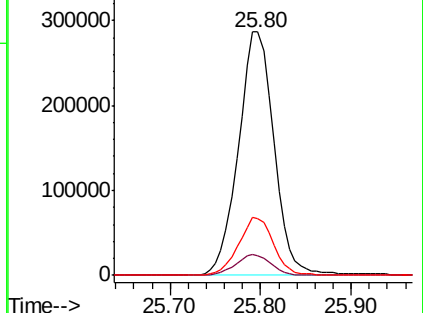
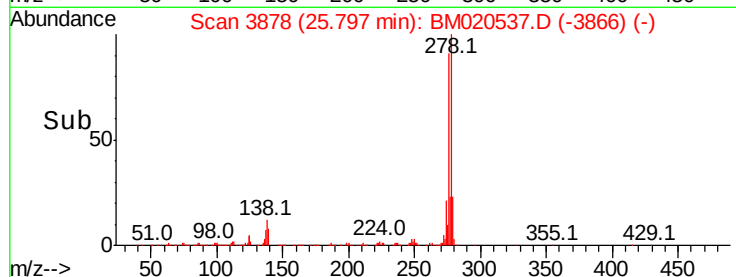
279 23.2 18.8 28.2



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: 36.208 ng

RT: 26.49 min Scan# 3995

Delta R.T. -0.04 min

Lab File: BM020537.D

Acq: 24 May 2019 04:00

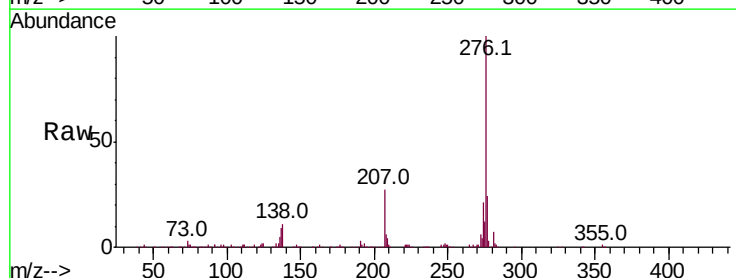
Tgt Ion:276 Resp: 755094

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 11.2 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

