

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
 Data File : BM020270.D
 Acq On : 11 May 2019 13:41
 Operator : JU/SJ
 Sample : PB119644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Quant Time: May 12 03:10:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	55179	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	197079	20.00	ng	-0.03
39) Acenaphthene-d10	14.42	164	116764	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	271819	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	291432	20.00	ng	-0.02
87) Perylene-d12	23.64	264	342663	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	416478	123.38	ng	-0.02
7) Phenol-d6	6.93	99	558503	121.11	ng	-0.02
23) Nitrobenzene-d5	8.93	82	380833	76.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	235415	129.89	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	760087	80.09	ng	-0.03
79) Terphenyl-d14	19.79	244	1279386	76.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	60516	36.552	ng	91
3) Pyridine	3.68	79	166628	39.352	ng	96
4) n-Nitrosodimethylamine	3.60	42	49305	36.312	ng	# 66
6) Aniline	7.10	93	119543	20.592	ng	97
8) 2-Chlorophenol	7.33	128	146787	39.935	ng	98
9) Benzaldehyde	6.92	77	83143	23.820	ng	91
10) Phenol	6.96	94	196854	39.651	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	140413	38.913	ng	96
12) 1,3-Dichlorobenzene	7.65	146	163038	38.124	ng	96
13) 1,4-Dichlorobenzene	7.80	146	165638	38.341	ng	96
14) 1,2-Dichlorobenzene	8.12	146	158621	38.539	ng	99
15) Benzyl Alcohol	8.01	79	151223	34.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	112409	37.569	ng	98
17) 2-Methylphenol	8.21	107	124623	38.995	ng	94
18) Hexachloroethane	8.83	117	65491	36.357	ng	98
19) n-Nitroso-di-n-propylamine	8.57	70	137455	34.838	ng	95
20) 3+4-Methylphenols	8.53	107	163342	38.456	ng	95
22) Acetophenone	8.59	105	224522	41.685	ng	# 96
24) Nitrobenzene	8.97	77	204300	39.473	ng	96
25) Isophorone	9.49	82	347099	40.321	ng	98
26) 2-Nitrophenol	9.68	139	75522	48.333	ng	91
27) 2,4-Dimethylphenol	9.73	122	122373	47.041	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	186474	39.773	ng	99
29) 2,4-Dichlorophenol	10.21	162	139638	42.569	ng	97
30) 1,2,4-Trichlorobenzene	10.42	180	162509	40.262	ng	97
31) Naphthalene	10.61	128	415395	40.617	ng	99
32) Benzoic acid	9.86	122	70262	39.343	ng	# 88
33) 4-Chloroaniline	10.73	127	57466	13.652	ng	95
34) Hexachlorobutadiene	10.87	225	107609	37.688	ng	98
35) Caprolactam	11.53	113	34118	34.784	ng	95
36) 4-Chloro-3-methylphenol	11.85	107	148757	38.590	ng	93
37) 2-Methylnaphthalene	12.23	142	304736	40.872	ng	96
38) 1-Methylnaphthalene	12.45	142	290496	39.844	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	188565	41.277	ng	# 97

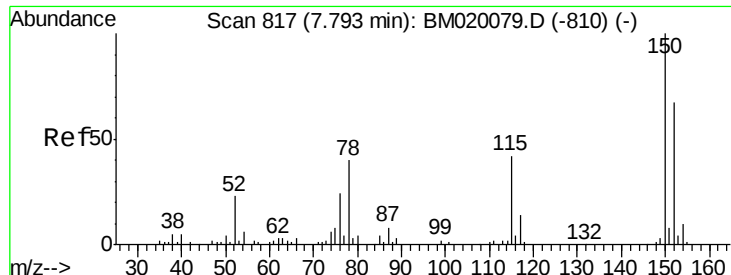
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	254681	94.684	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	120536	46.427	ng	98
44) 2,4,5-Trichlorophenol	12.91	196	126436	43.593	ng	98
46) 1,1'-Biphenyl	13.25	154	395021	41.102	ng	99
47) 2-Chloronaphthalene	13.29	162	321485	41.896	ng	99
48) 2-Nitroaniline	13.50	65	106830	39.105	ng	87
49) Acenaphthylene	14.14	152	495993	40.388	ng	99
50) Dimethylphthalate	13.87	163	396950	39.999	ng	99
51) 2,6-Dinitrotoluene	14.00	165	87010	41.627	ng	89
52) Acenaphthene	14.48	154	287086	40.766	ng	99
53) 3-Nitroaniline	14.33	138	36896	19.019	ng	100
54) 2,4-Dinitrophenol	14.55	184	97617	91.835	ng	91
55) Dibenzofuran	14.82	168	483669	40.717	ng	96
56) 4-Nitrophenol	14.65	139	131070	79.187	ng	87
57) 2,4-Dinitrotoluene	14.79	165	124117	43.700	ng	92
58) Fluorene	15.46	166	385159	39.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	120488	43.715	ng	99
60) Diethylphthalate	15.24	149	394737	39.480	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	222029	40.167	ng	97
62) 4-Nitroaniline	15.50	138	65681	30.679	ng	90
63) Azobenzene	15.75	77	437237	37.069	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	64768	47.340	ng	96
66) n-Nitrosodiphenylamine	15.68	169	343806	42.984	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	134359	40.309	ng	95
68) Hexachlorobenzene	16.46	284	156038	40.681	ng	97
69) Atrazine	16.63	200	127856	40.904	ng	96
70) Pentachlorophenol	16.81	266	204511	93.188	ng	98
71) Phenanthrene	17.21	178	618165	41.198	ng	99
72) Anthracene	17.30	178	630708	42.042	ng	100
73) Carbazole	17.57	167	558404	41.252	ng	99
74) Di-n-butylphthalate	18.12	149	666550	40.917	ng	98
75) Fluoranthene	19.22	202	782482	41.217	ng	99
77) Benzidine	19.42	184	241434	25.913	ng	98
78) Pyrene	19.59	202	812907	41.546	ng	99
80) Butylbenzylphthalate	20.49	149	322775	45.363	ng	100
81) Benzo(a)anthracene	21.34	228	808690	39.568	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	182604	23.409	ng	99
83) Chrysene	21.39	228	816004	41.168	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	462629	41.900	ng	97
85) Di-n-octyl phthalate	22.14	149	832682	45.375	ng	97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1076064	45.640	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	885307	39.125	ng	100
89) Benzo(k)fluoranthene	22.99	252	874984	42.391	ng	99
90) Benzo(a)pyrene	23.54	252	871352	42.395	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	926479	43.345	ng	100
92) Benzo(g,h,i)perylene	26.69	276	899447	44.323	ng	97

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

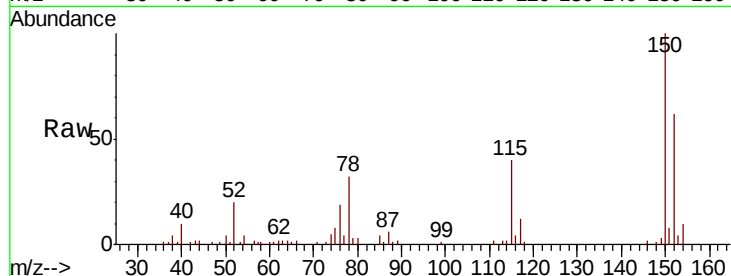


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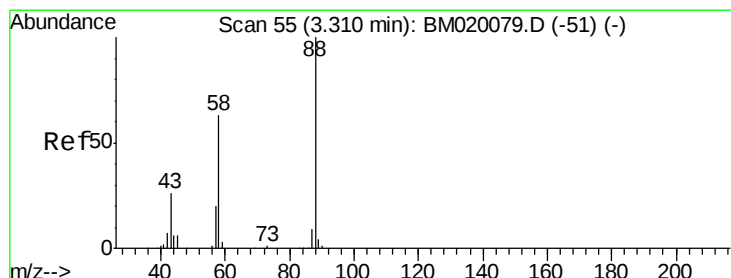
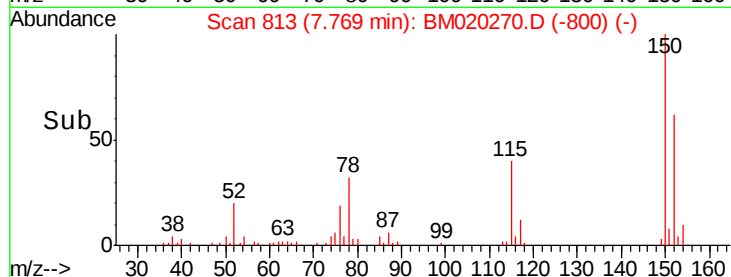
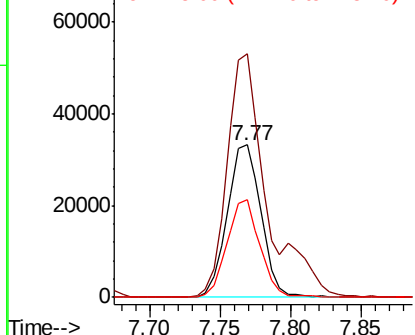
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:152 Resp: 55179
Ion Ratio Lower Upper
152 100
150 160.1 119.8 179.8
115 63.9 50.8 76.2



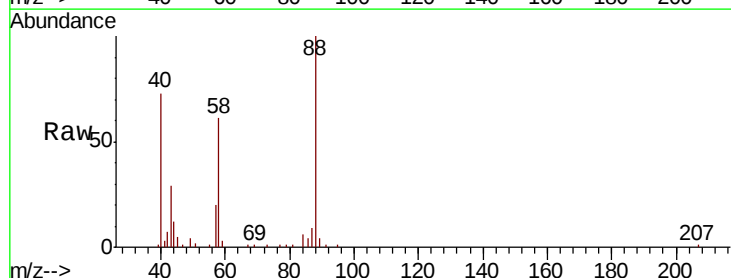
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



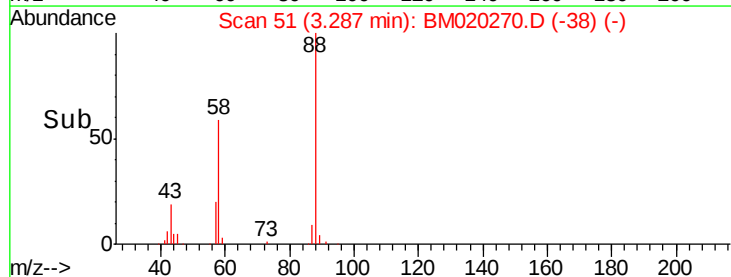
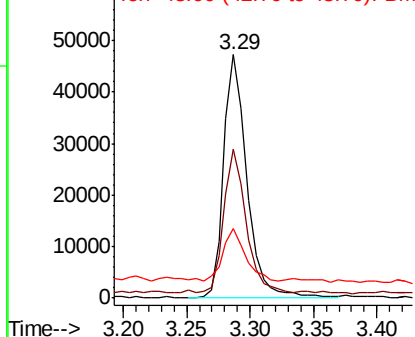
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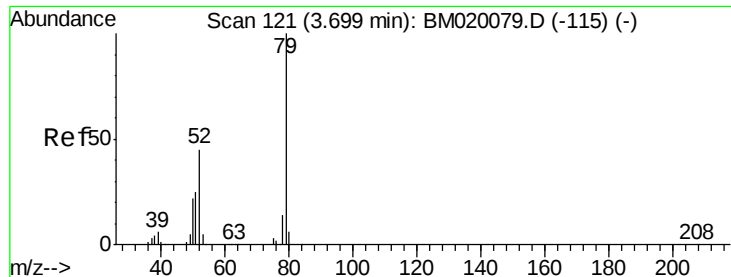
1,4-Dioxane
Concen: 36.552 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion: 88 Resp: 60516
Ion Ratio Lower Upper
88 100
58 57.5 51.8 77.6
43 20.7 20.3 30.5



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





#3

Pyridine

Concen: 39.352 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

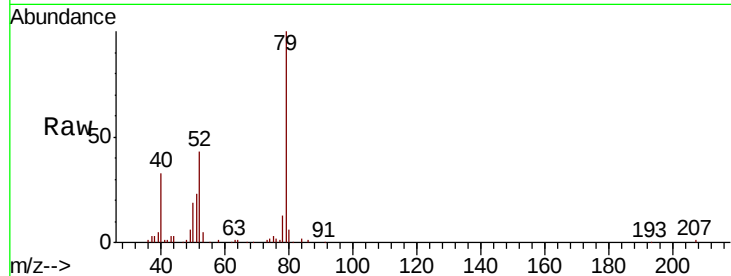
Tgt Ion: 79 Resp: 166628

Ion Ratio Lower Upper

79 100

52 42.9 35.7 53.5

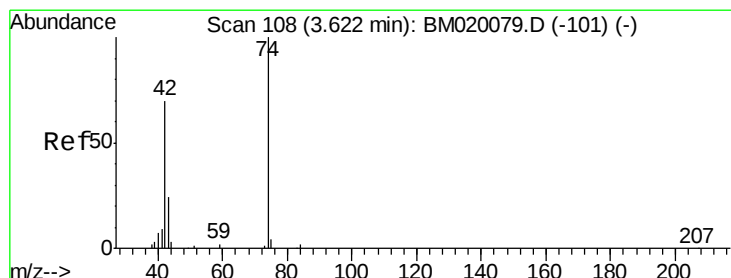
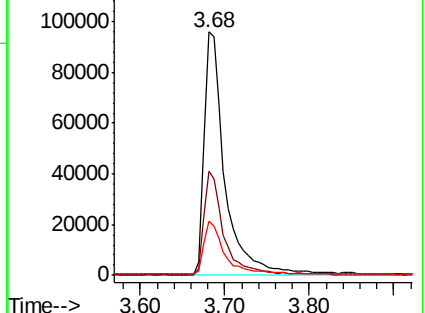
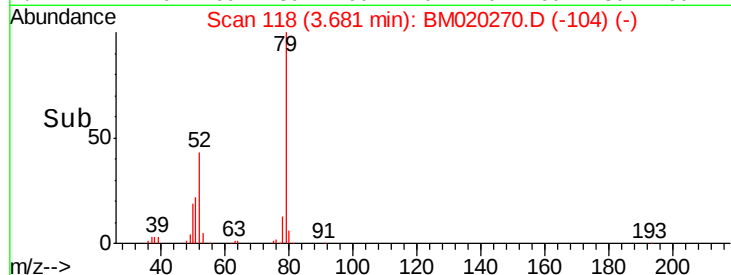
51 22.5 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020270.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020270.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020270.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 36.312 ng

RT: 3.60 min Scan# 105

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

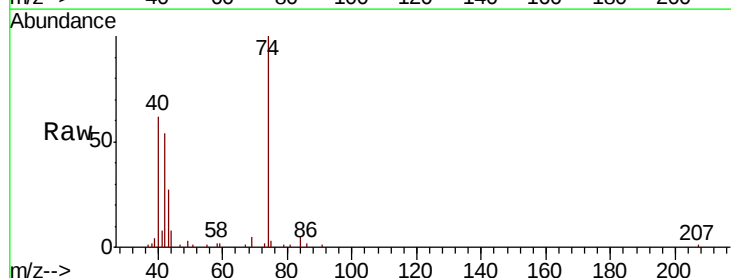
Tgt Ion: 42 Resp: 49305

Ion Ratio Lower Upper

42 100

74 184.1 113.7 170.5#

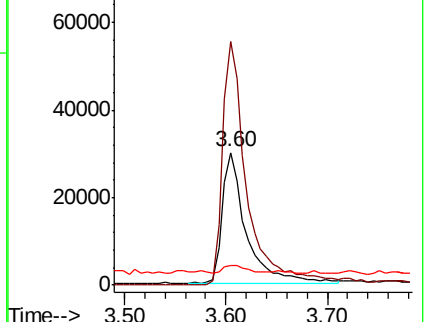
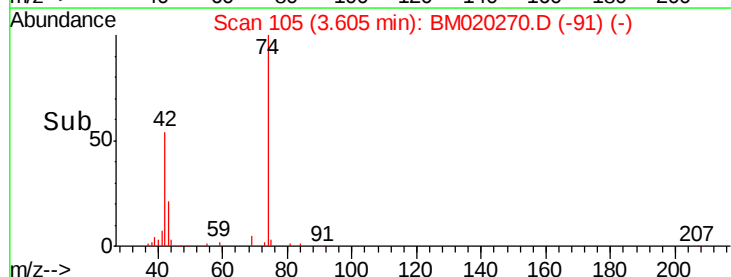
44 14.5 3.9 5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM020270.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020270.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020270.D (-101) (-)





#5

2-Fluorophenol

Concen: 123.375 ng

RT: 5.35 min Scan# 402

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

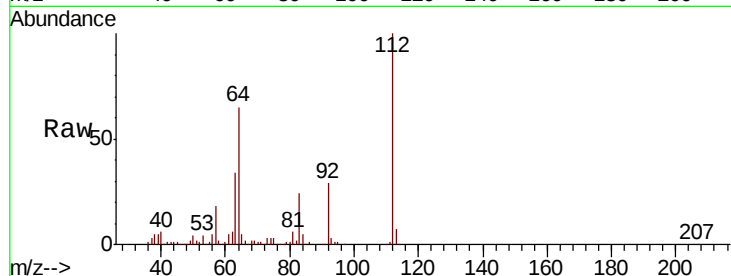
Tgt Ion: 112 Resp: 416478

Ion Ratio Lower Upper

112 100

64 64.8 53.8 80.6

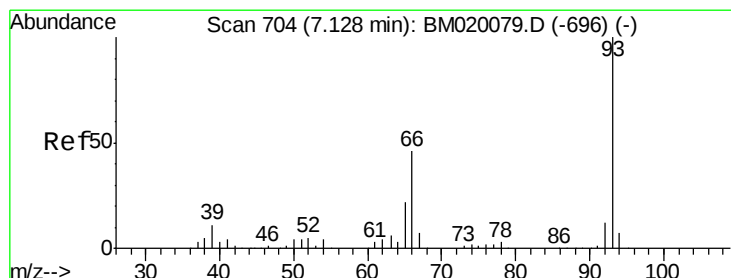
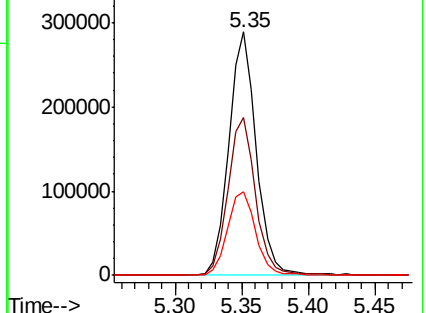
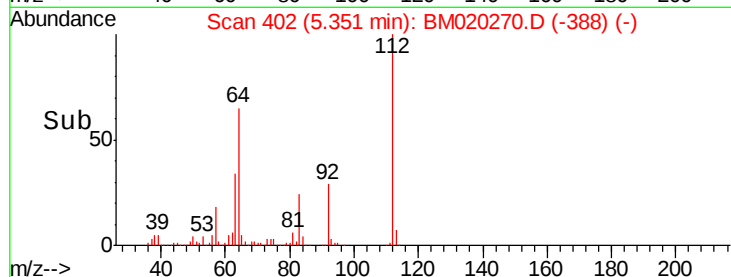
63 34.5 32.3 48.5



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: 20.592 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

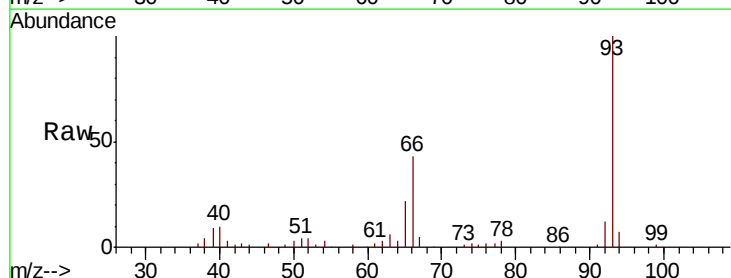
Tgt Ion: 93 Resp: 119543

Ion Ratio Lower Upper

93 100

66 42.7 36.6 54.8

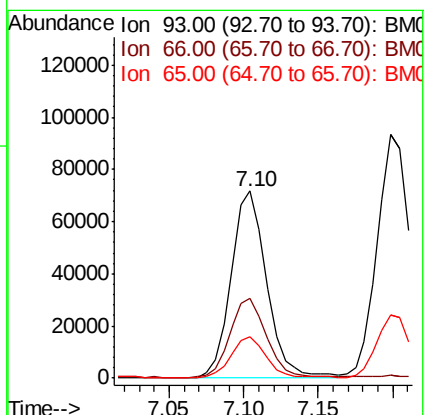
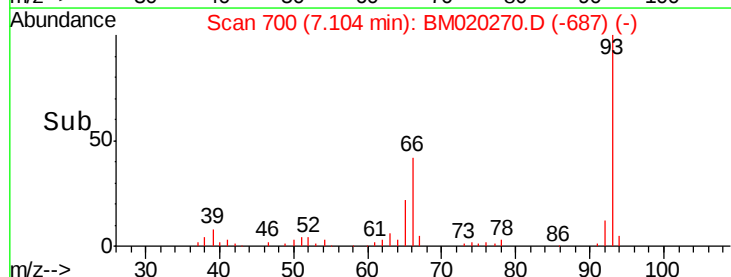
65 22.3 17.8 26.6

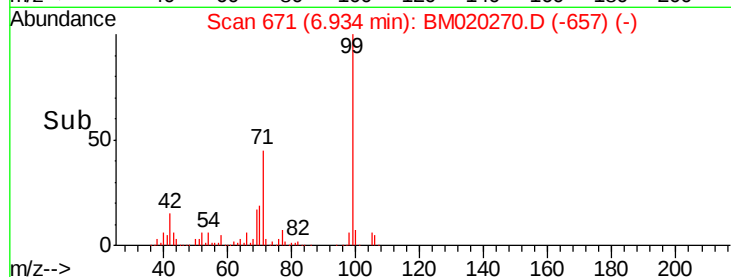
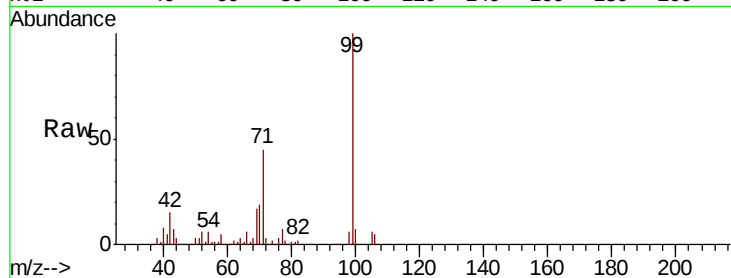
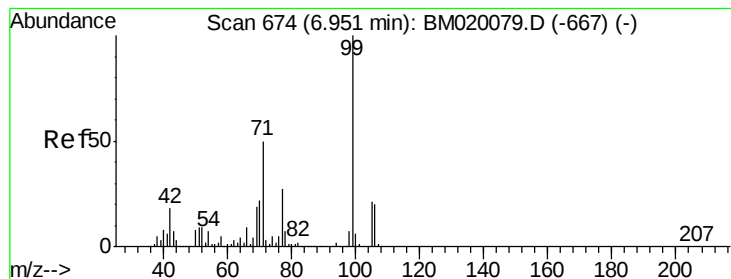


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 121.106 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

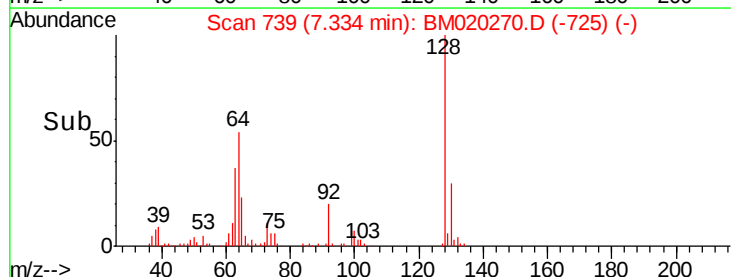
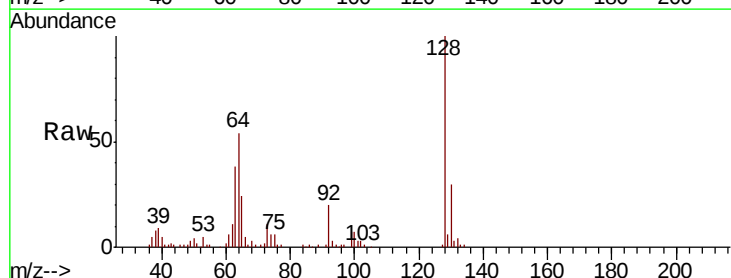
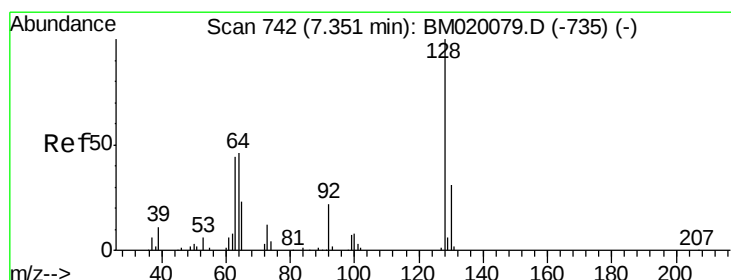
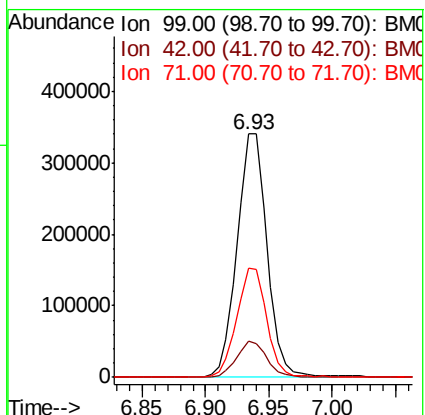
Tgt Ion: 99 Resp: 558503

Ion Ratio Lower Upper

99 100

42 14.9 14.2 21.2

71 45.0 40.3 60.5



#8

2-Chlorophenol

Concen: 39.935 ng

RT: 7.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

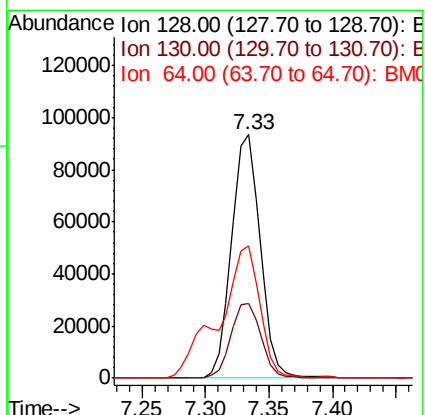
Tgt Ion: 128 Resp: 146787

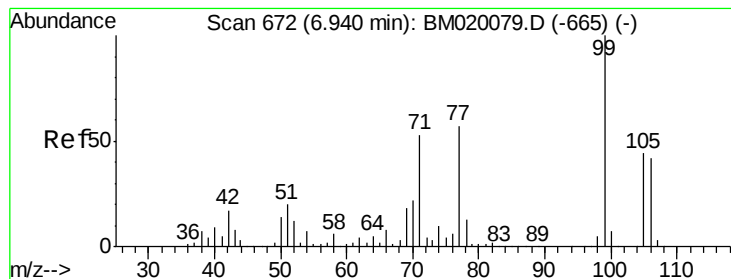
Ion Ratio Lower Upper

128 100

130 30.5 10.8 50.8

64 54.2 36.5 76.5





#9

Benzaldehyde

Concen: 23.820 ng

RT: 6.92 min Scan# 669

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

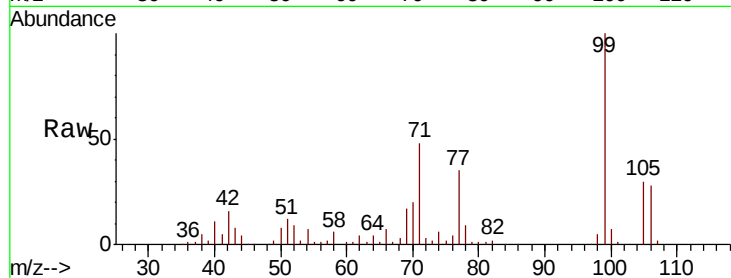
Tgt Ion: 77 Resp: 83143

Ion Ratio Lower Upper

77 100

105 85.8 57.8 97.8

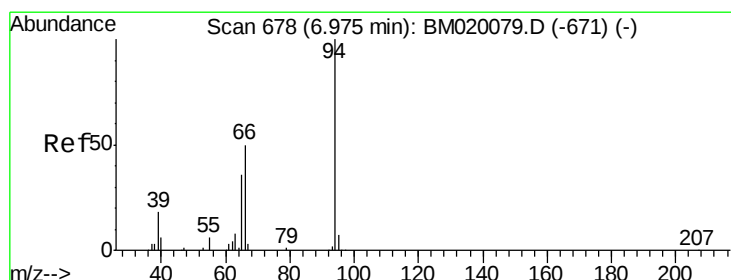
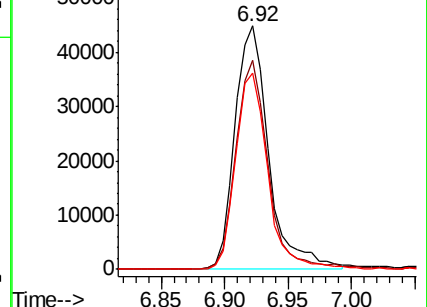
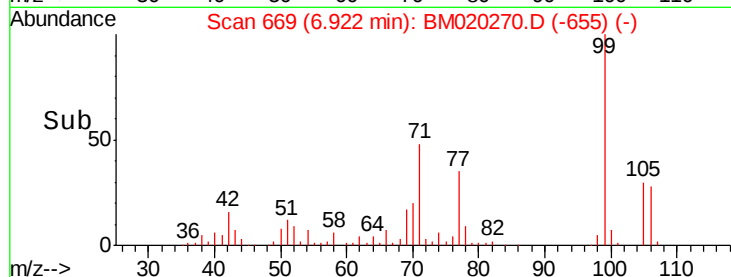
106 80.6 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020270.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020270.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020270.D (-665) (-)



#10

Phenol

Concen: 39.651 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

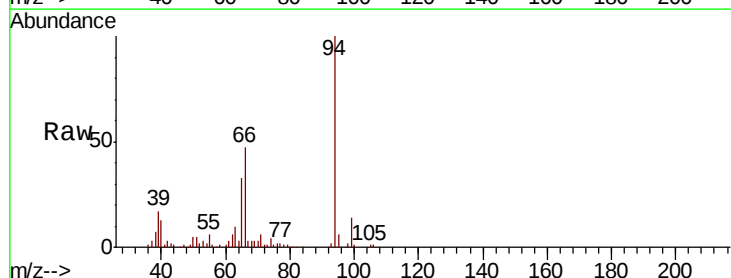
Tgt Ion: 94 Resp: 196854

Ion Ratio Lower Upper

94 100

65 33.0 17.0 57.0

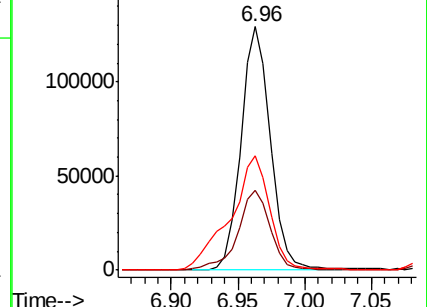
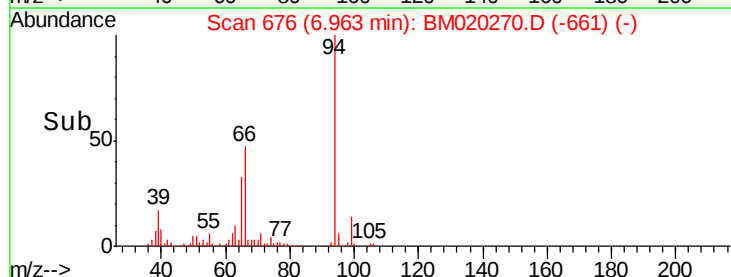
66 46.8 34.5 74.5

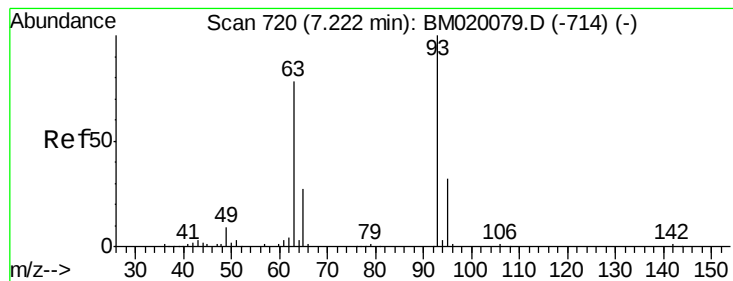


Abundance Ion 94.00 (93.70 to 94.70): BM020270.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020270.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020270.D (-671) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.913 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

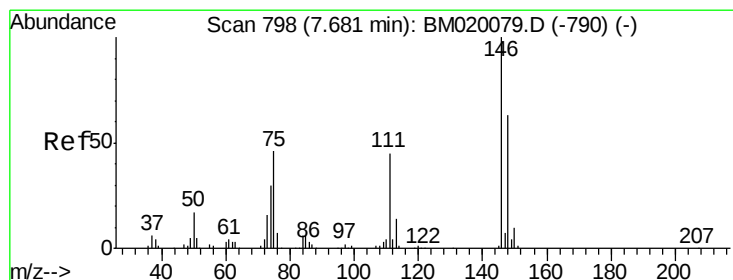
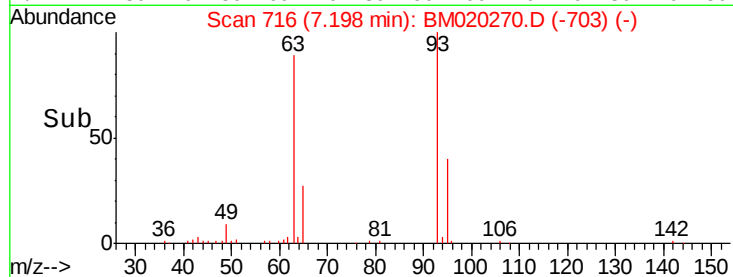
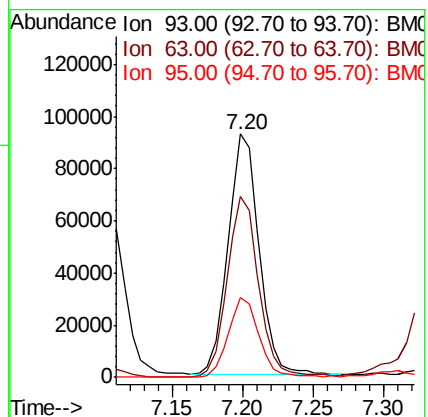
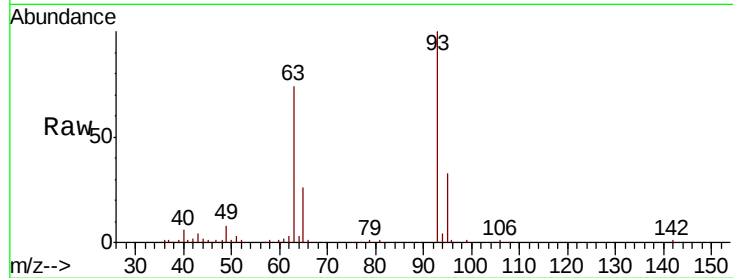
Tgt Ion: 93 Resp: 140413

Ion Ratio Lower Upper

93 100

63 74.5 57.9 97.9

95 32.9 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 38.124 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.03 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

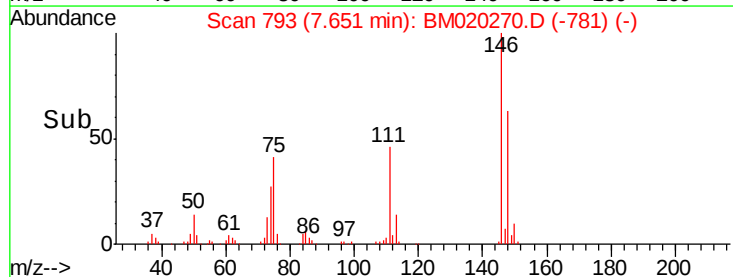
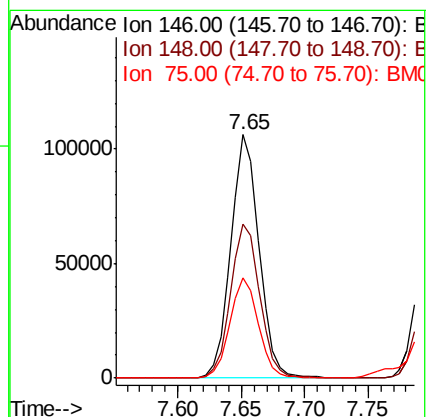
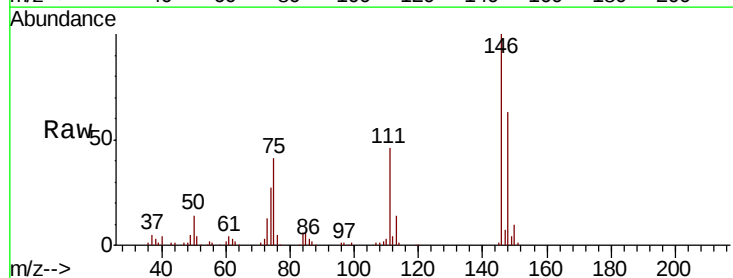
Tgt Ion: 146 Resp: 163038

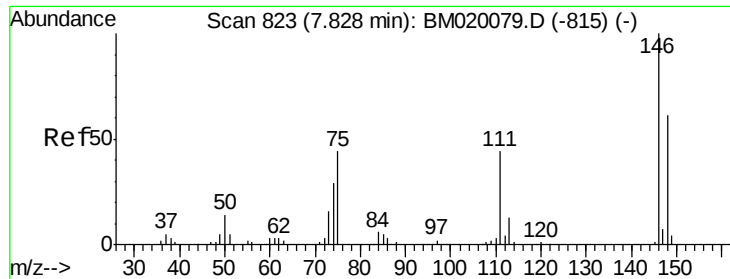
Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

75 41.2 37.2 55.8

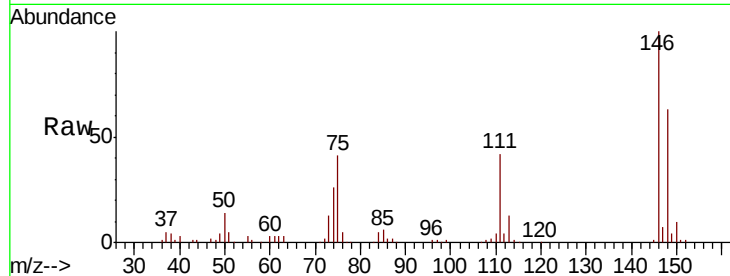




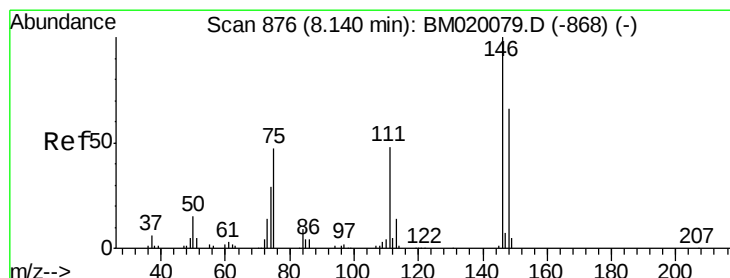
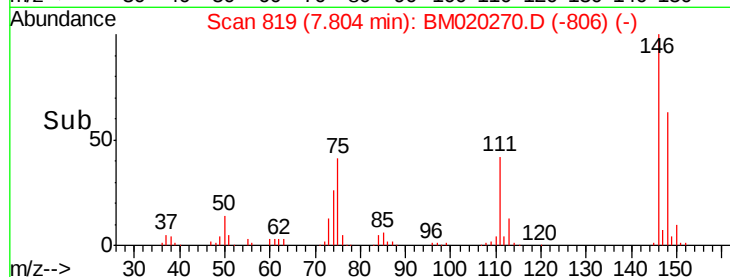
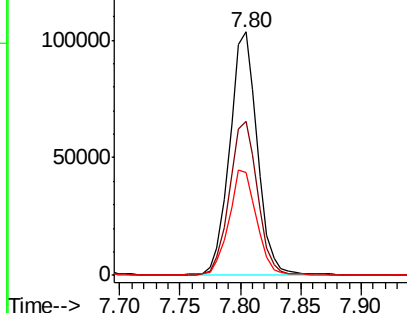
#13
1,4-Dichlorobenzene
Concen: 38.341 ng
RT: 7.80 min Scan# 819
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:146 Resp: 165638
Ion Ratio Lower Upper
146 100
148 63.4 48.5 72.7
111 42.5 35.7 53.5

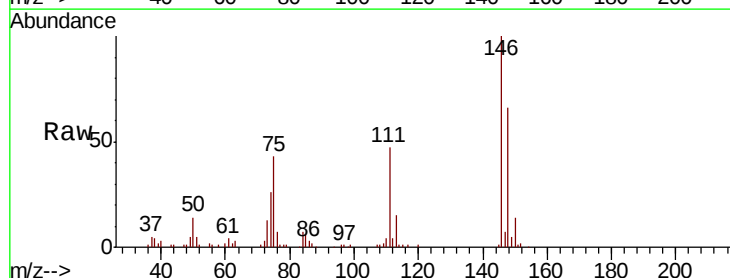


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

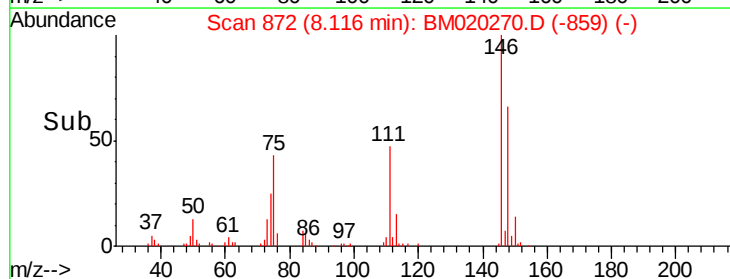
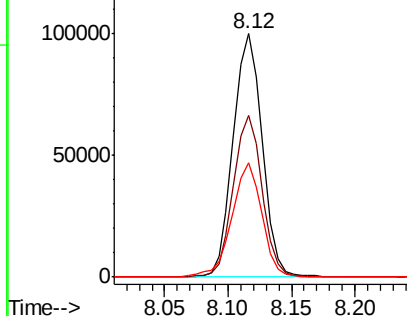


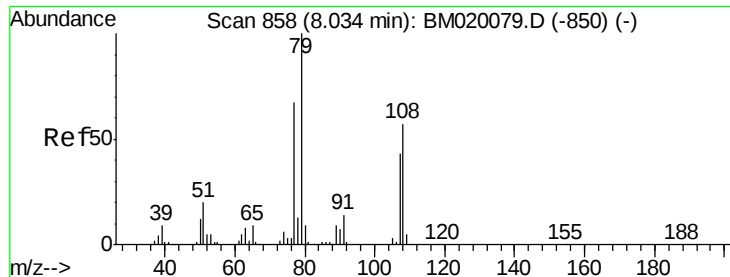
#14
1,2-Dichlorobenzene
Concen: 38.539 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:146 Resp: 158621
Ion Ratio Lower Upper
146 100
148 66.4 52.6 79.0
111 47.1 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: 34.006 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

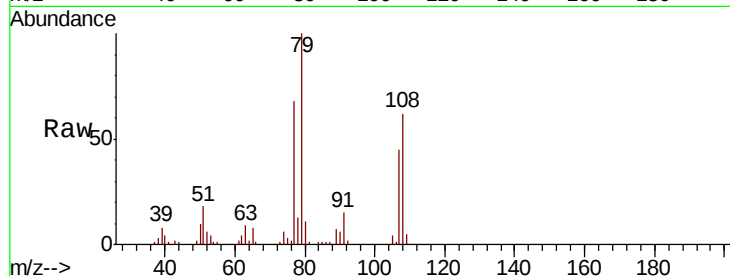
Tgt Ion: 79 Resp: 151223

Ion Ratio Lower Upper

79 100

108 62.2 46.0 69.0

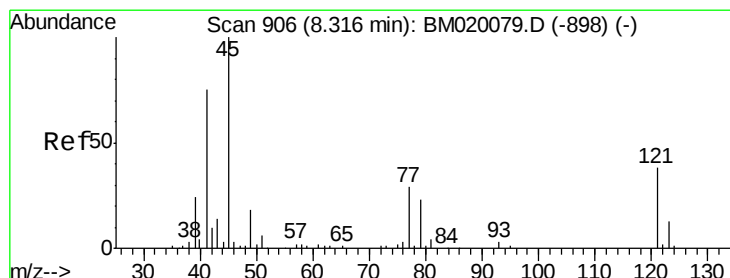
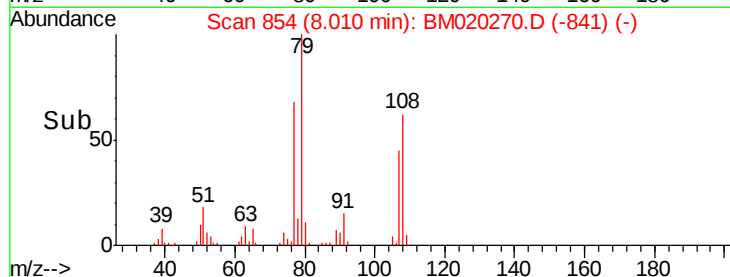
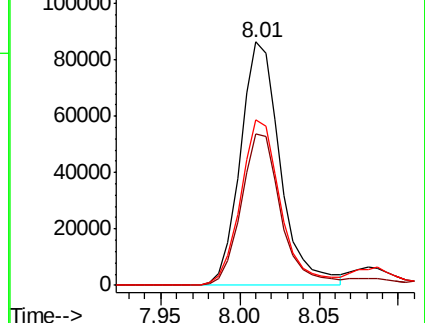
77 68.1 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020270.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020270.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020270.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.569 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

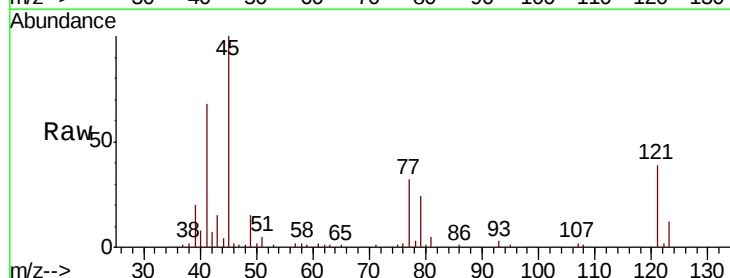
Tgt Ion: 45 Resp: 112409

Ion Ratio Lower Upper

45 100

77 31.8 10.5 50.5

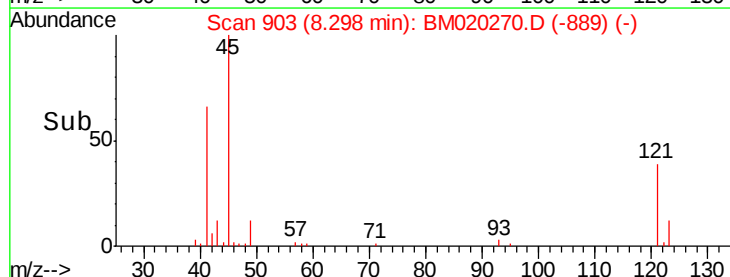
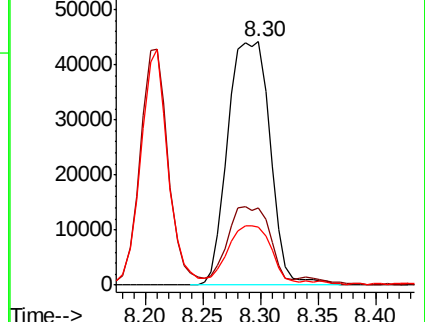
79 24.1 3.3 43.3

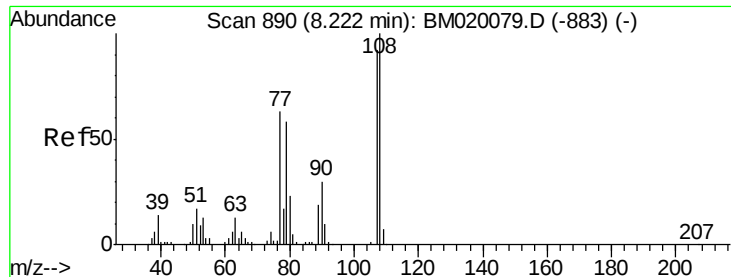


Abundance Ion 45.00 (44.70 to 45.70): BM020270.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020270.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020270.D (-889) (-)

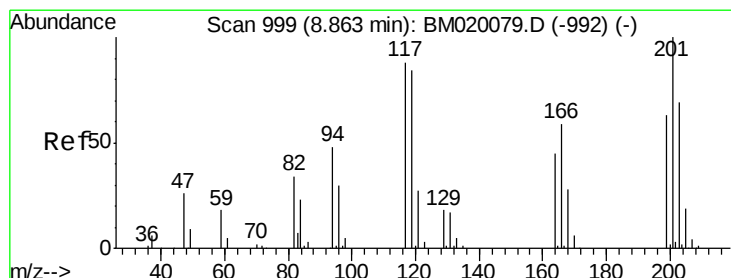
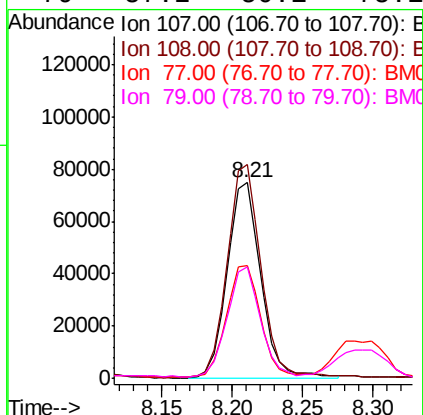
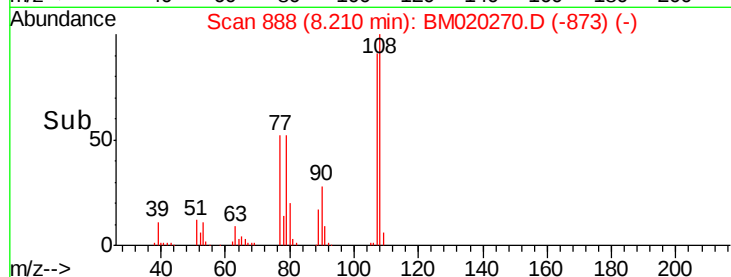
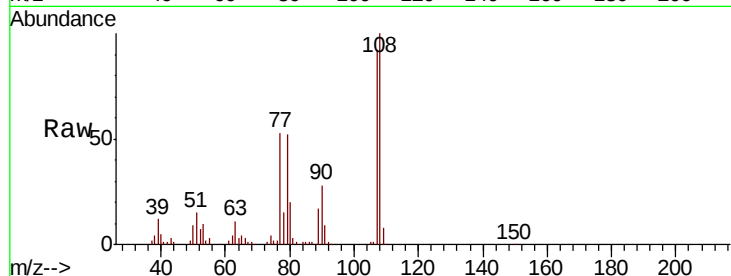




#17
2-Methylphenol
Concen: 38.995 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

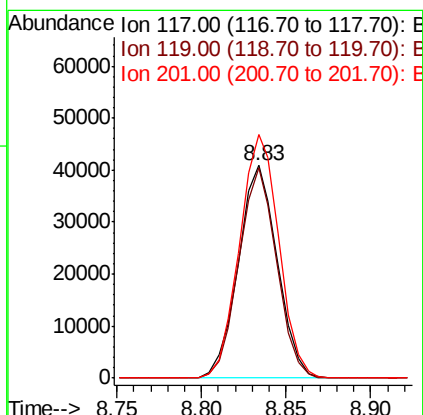
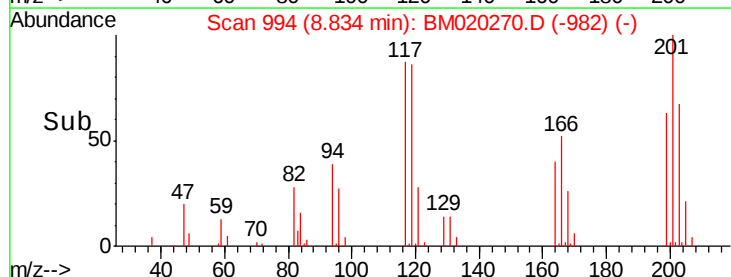
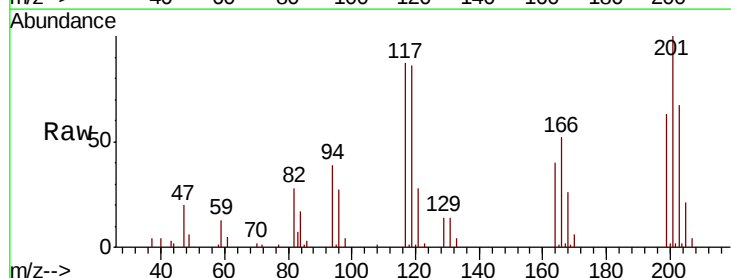
Instrument :
BNA_M
ClientSampleId :
PB119644BS

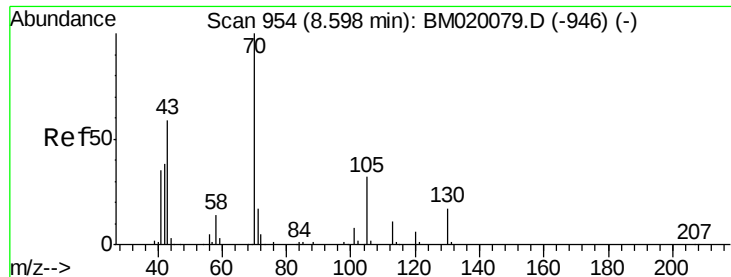
Tgt Ion:	107	Resp:	124623
Ion	Ratio	Lower	Upper
107	100		
108	109.2	87.0	130.4
77	57.4	54.7	82.1
79	57.2	50.1	75.1



#18
Hexachloroethane
Concen: 36.357 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	117	Resp:	65491
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.6	114.8
201	114.6	90.7	136.1

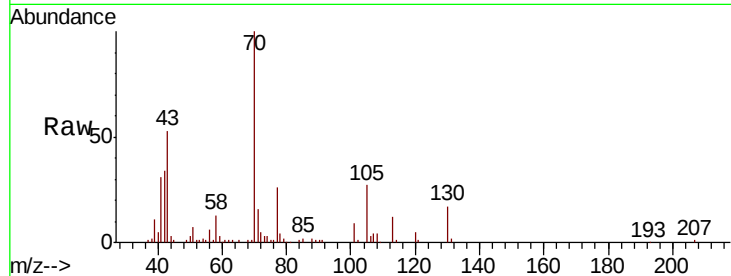




#19
n-Nitroso-di-n-propylamine
Concen: 34.838 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:	70	Resp:	137455
Ion	Ratio	Lower	Upper
70	100		
42	34.0	31.0	46.4
101	8.6	6.2	9.2
130	16.9	13.5	20.3



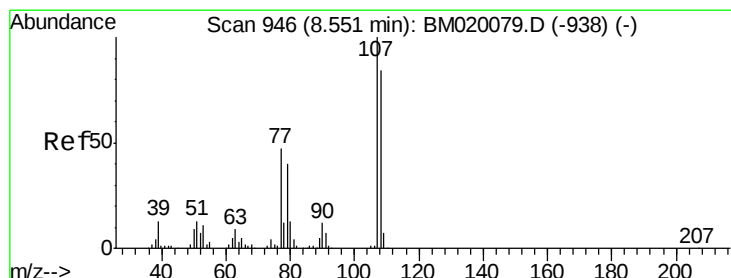
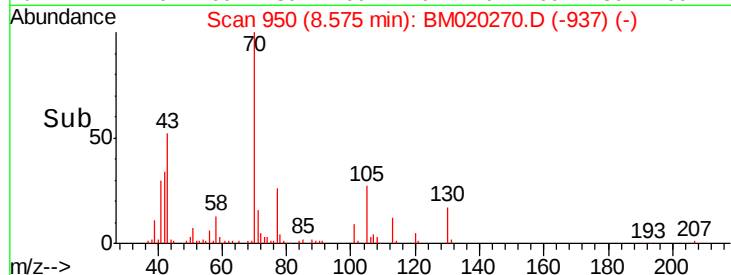
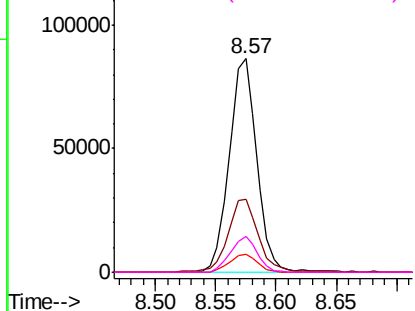
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

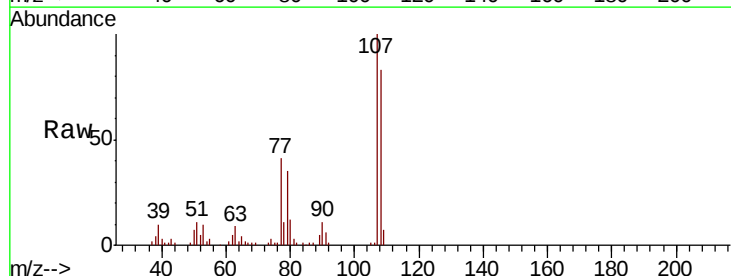
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.456 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	107	Resp:	163342
Ion	Ratio	Lower	Upper
107	100		
108	83.4	64.4	104.4
77	41.0	27.2	67.2
79	34.7	19.6	59.6



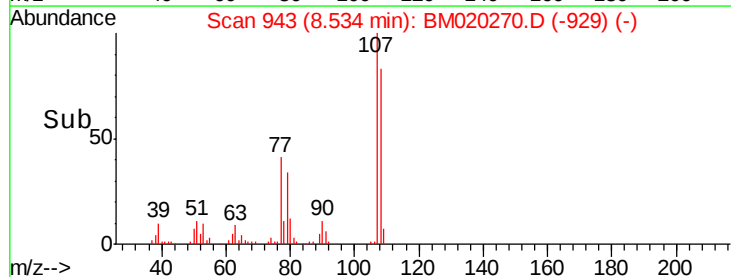
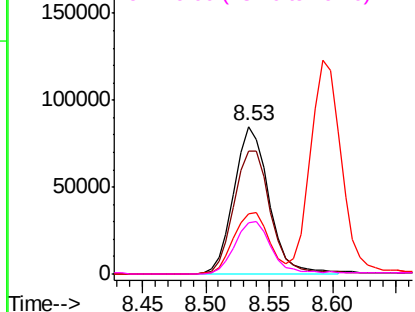
Abundance

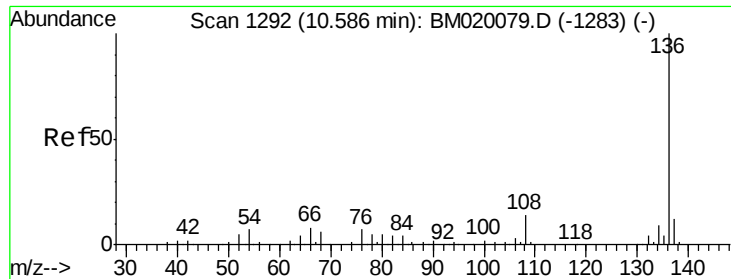
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

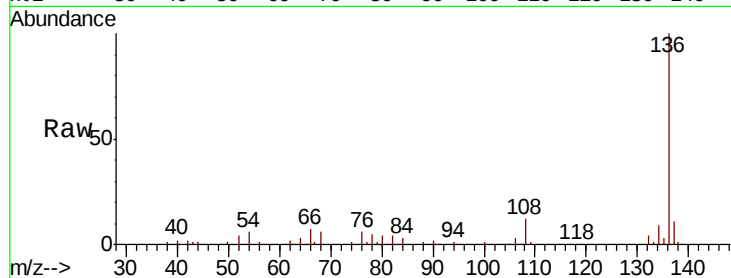




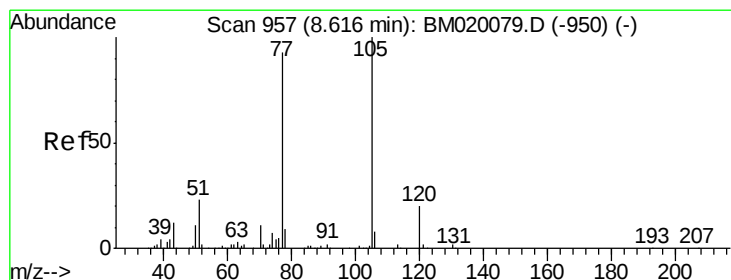
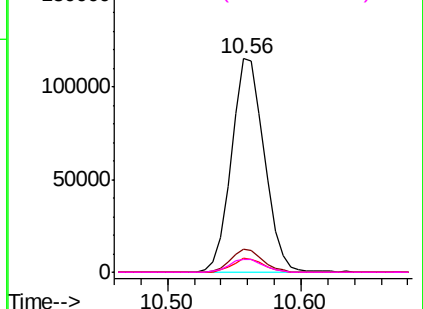
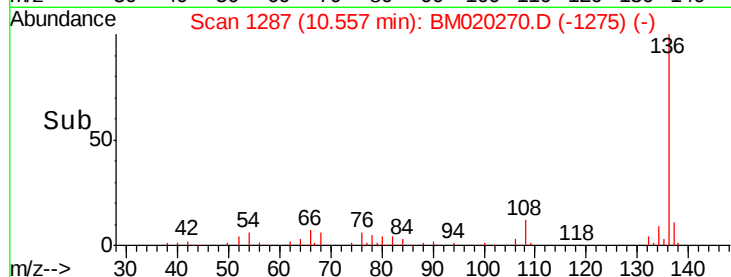
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:	136	Resp:	197079
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.4	5.5	8.3
68	6.3	4.6	6.8

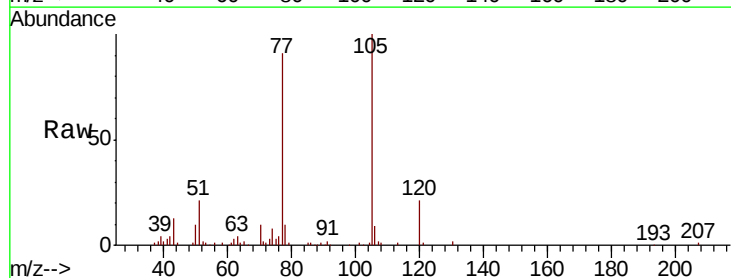


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

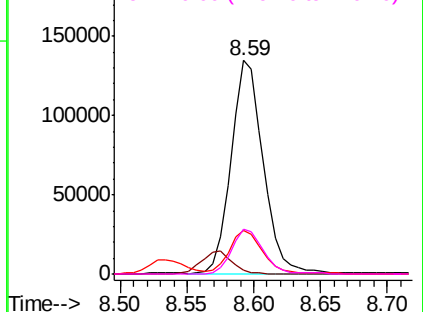
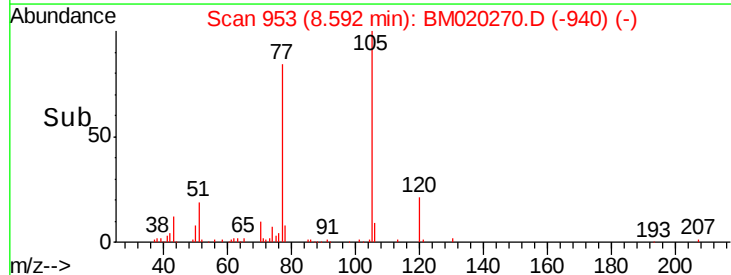


#22
Acetophenone
Concen: 41.685 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	105	Resp:	224522
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.2	3.2#
51	20.5	19.3	28.9
120	20.9	16.2	24.4



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

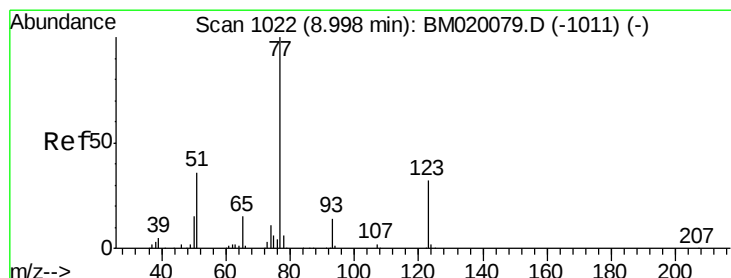
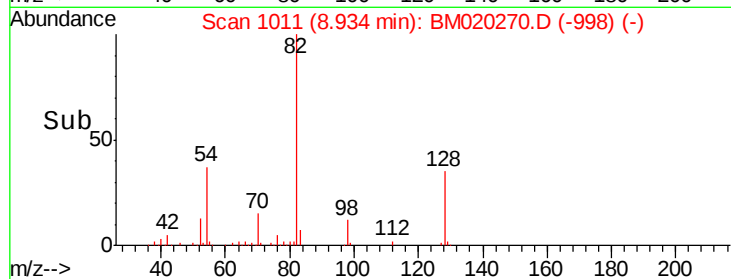
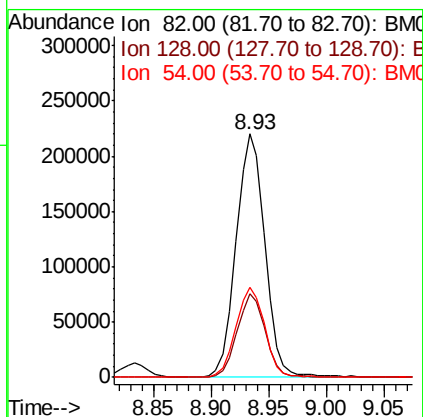
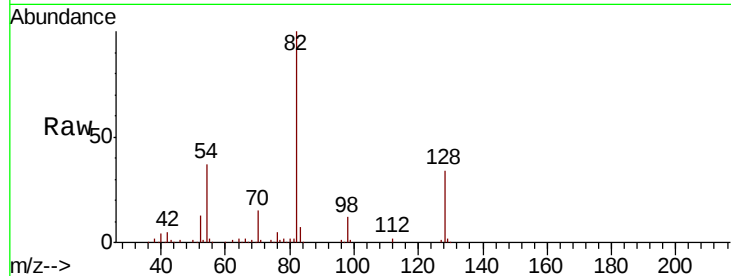




#23
 Nitrobenzene-d5
 Concen: 76.291 ng
 RT: 8.93 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

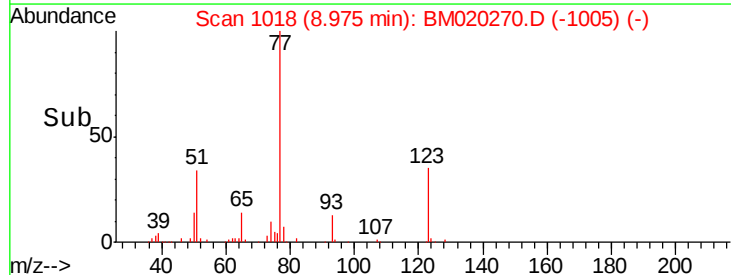
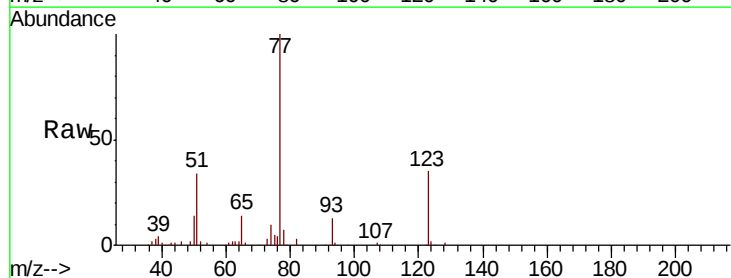
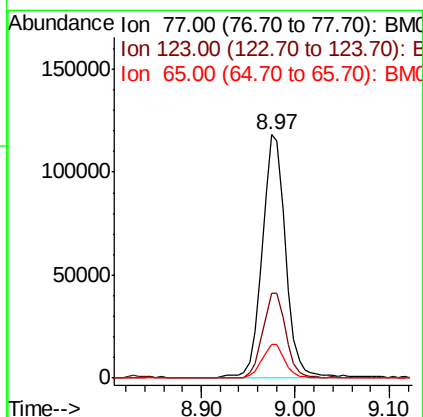
Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

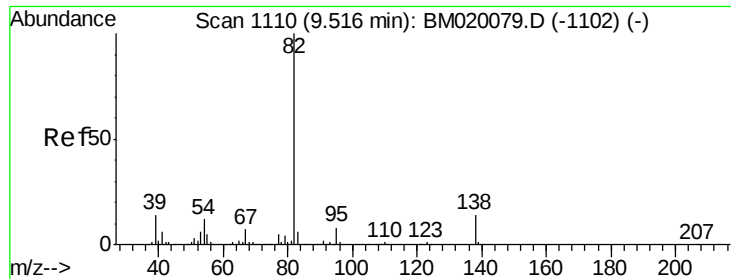
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	25.2	37.8
54	37.2	31.9	47.9



#24
 Nitrobenzene
 Concen: 39.473 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.9	25.5	38.3
65	14.1	11.8	17.6

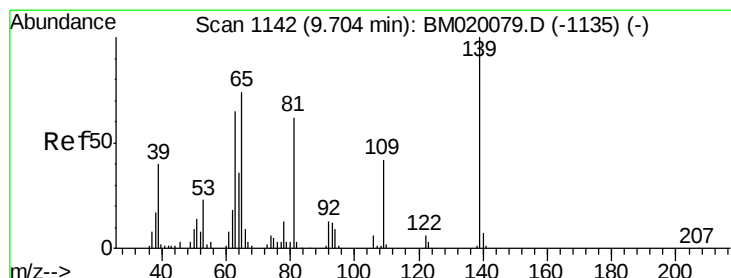
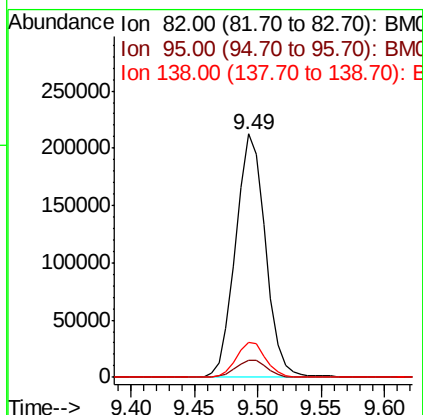
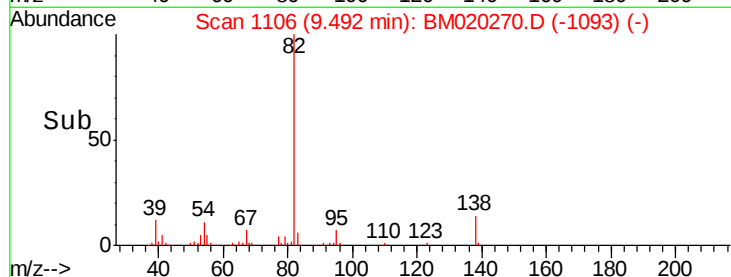
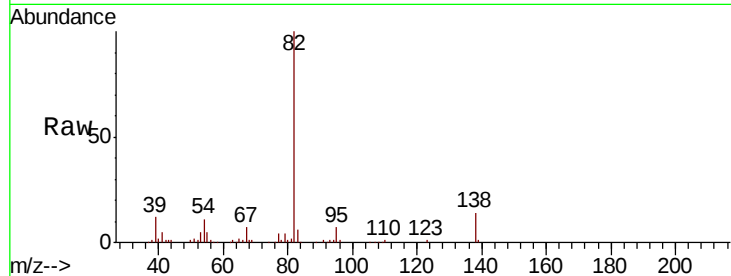




#25
Isophorone
Concen: 40.321 ng
RT: 9.49 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

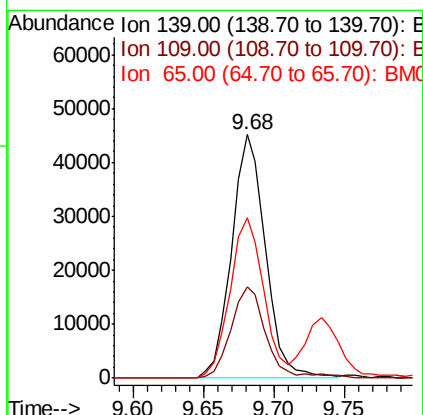
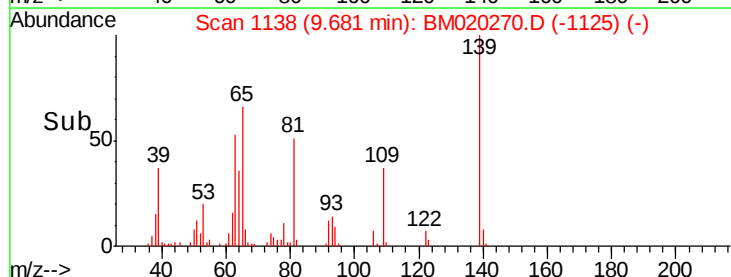
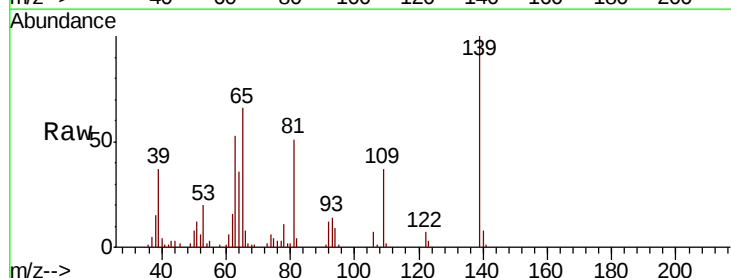
Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion: 82 Resp: 347099
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 14.4 11.1 16.7



#26
2-Nitrophenol
Concen: 48.333 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion: 139 Resp: 75522
Ion Ratio Lower Upper
139 100
109 37.3 33.7 50.5
65 65.8 59.5 89.3

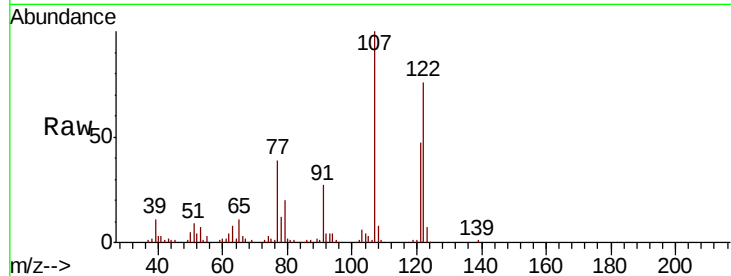




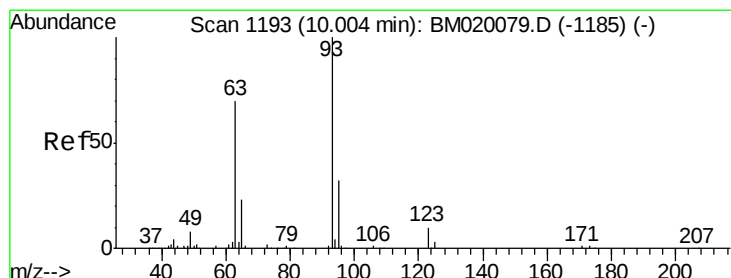
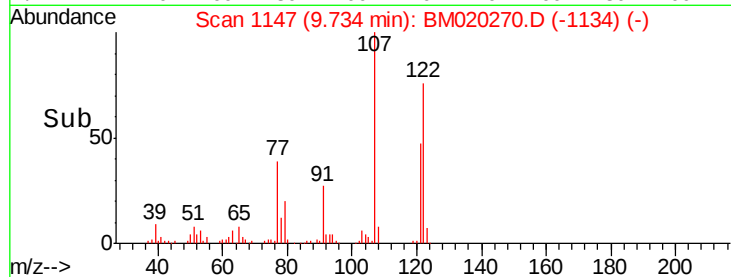
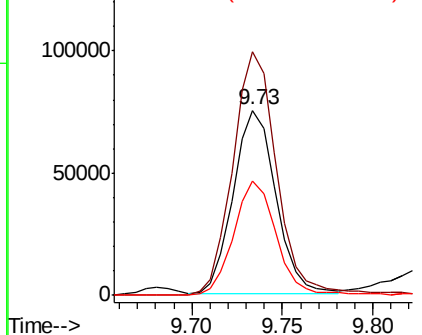
#27
2,4-Dimethylphenol
Concen: 47.041 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:122 Resp: 122373
Ion Ratio Lower Upper
122 100
107 131.4 108.6 162.8
121 61.4 47.4 71.2

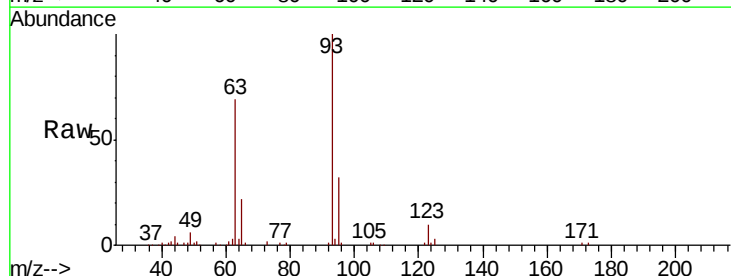


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

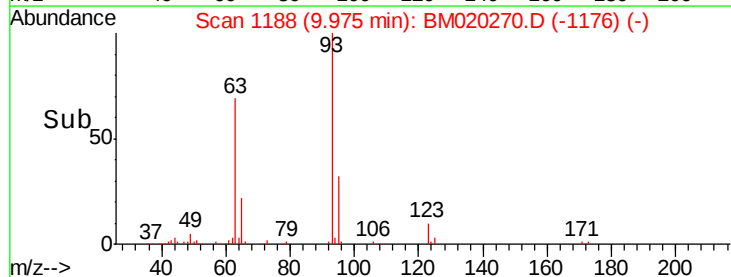
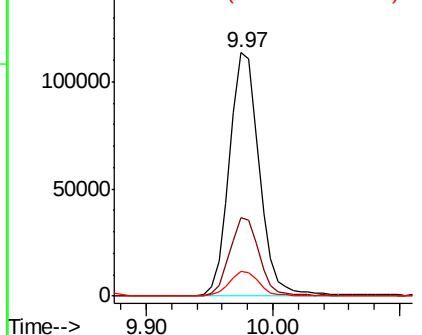


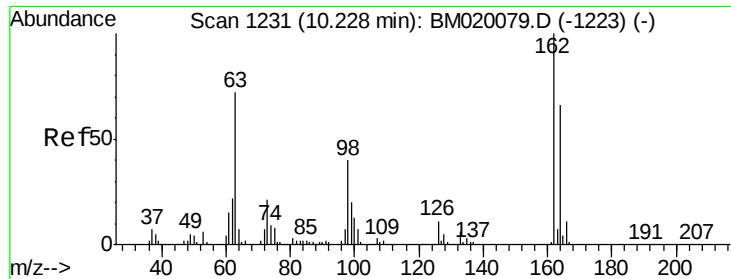
#28
bis(2-Chloroethoxy)methane
Concen: 39.773 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion: 93 Resp: 186474
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 9.9 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

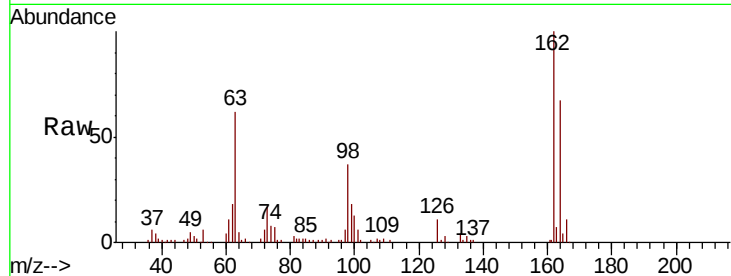




#29
2,4-Dichlorophenol
Concen: 42.569 ng
RT: 10.21 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	45.6	85.6
98	37.5	20.4	60.4

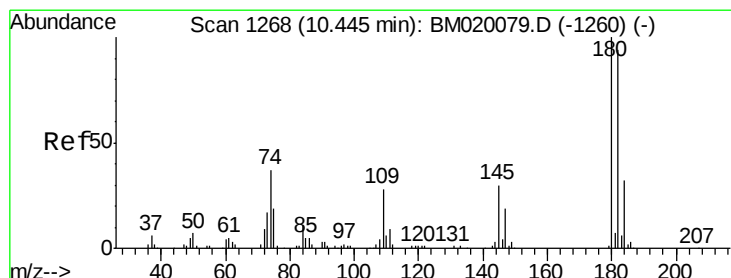
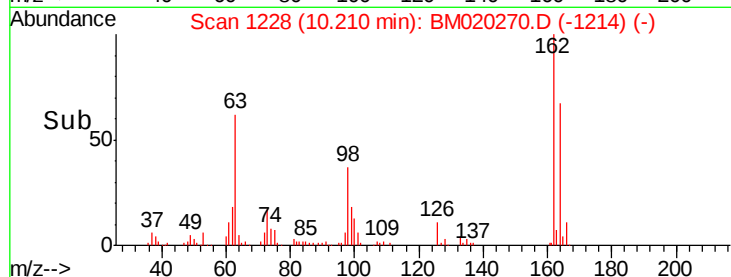
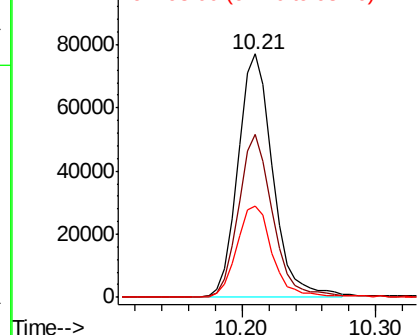


Abundance

Ion 162.00 (161.70 to 162.70): E

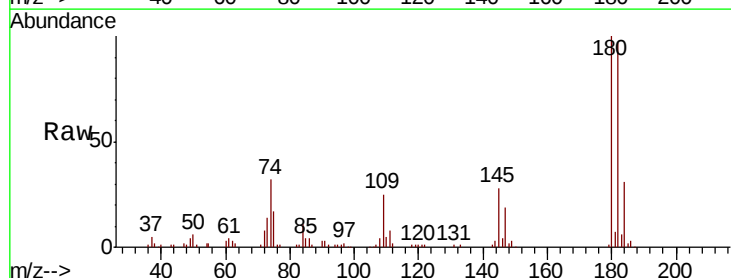
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.262 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.0
145	28.2	23.8	35.8

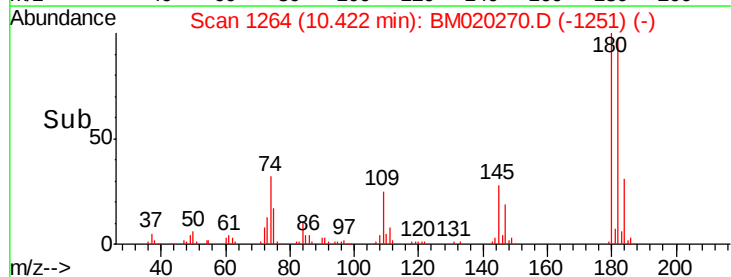
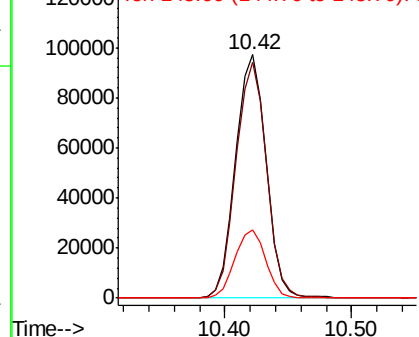


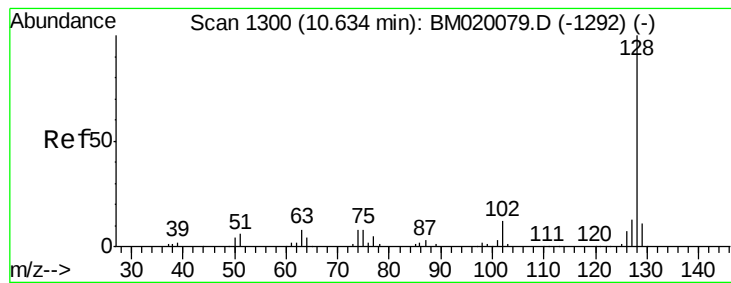
Abundance

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: 40.617 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

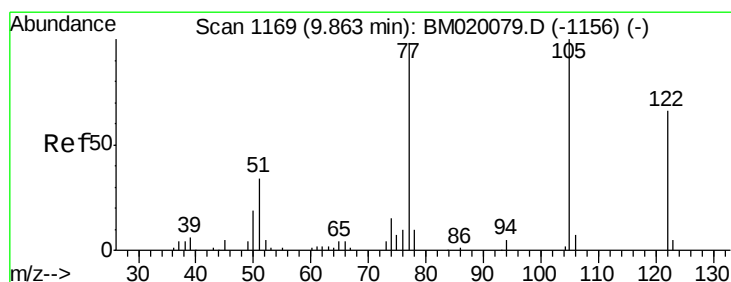
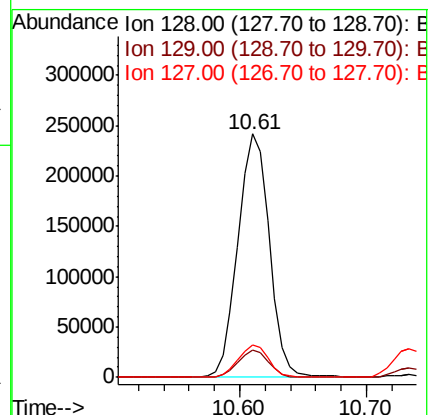
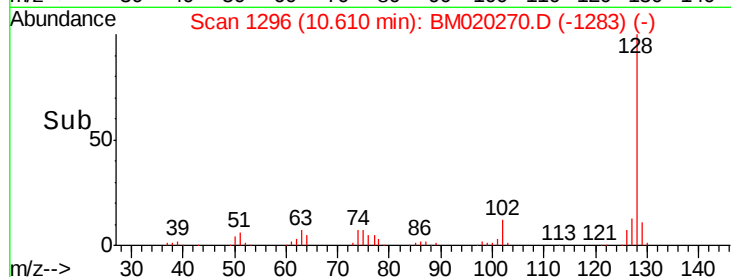
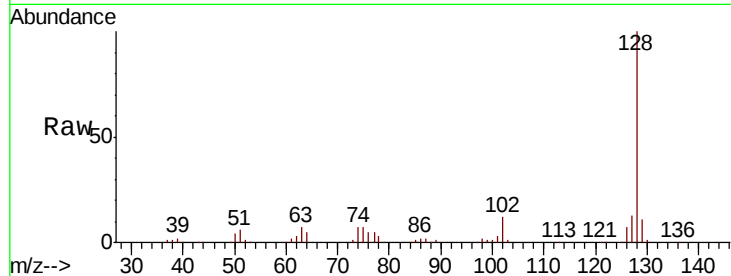
Tgt Ion:128 Resp: 415395

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.5 10.4 15.6



#32

Benzoic acid

Concen: 39.343 ng

RT: 9.86 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

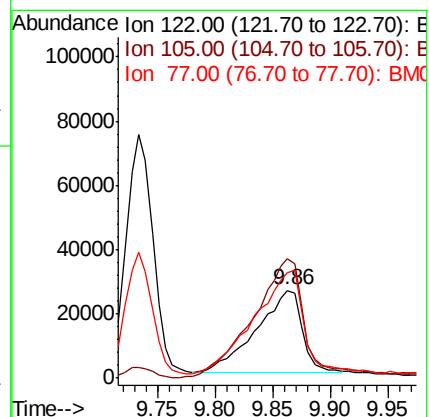
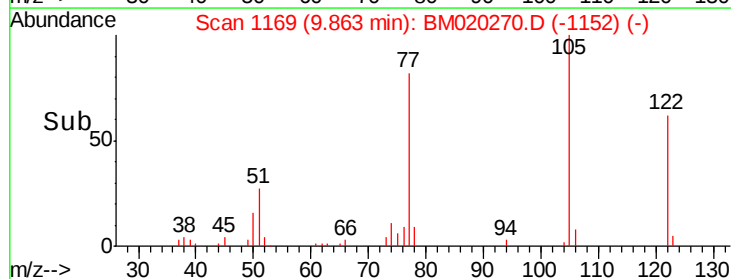
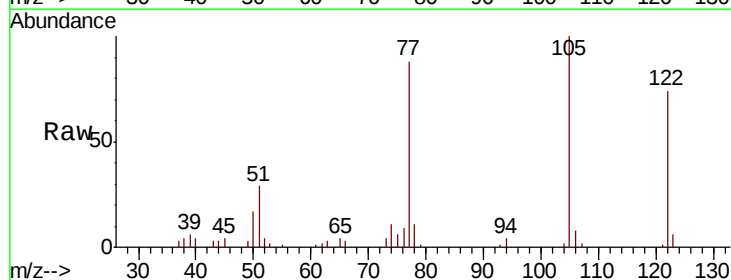
Tgt Ion:122 Resp: 70262

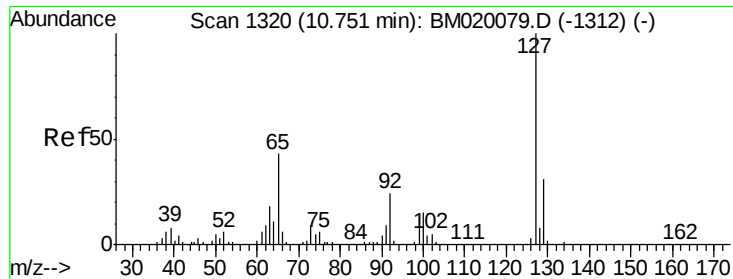
Ion Ratio Lower Upper

122 100

105 135.8 122.5 162.5

77 120.1 123.3 163.3#

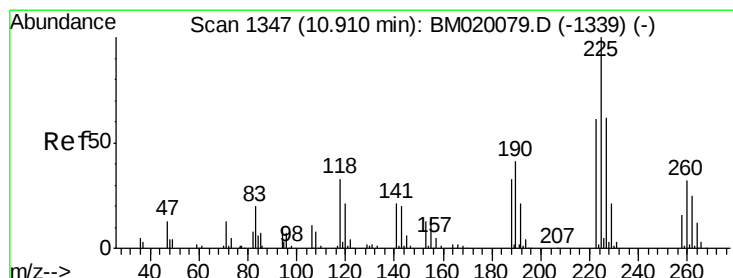
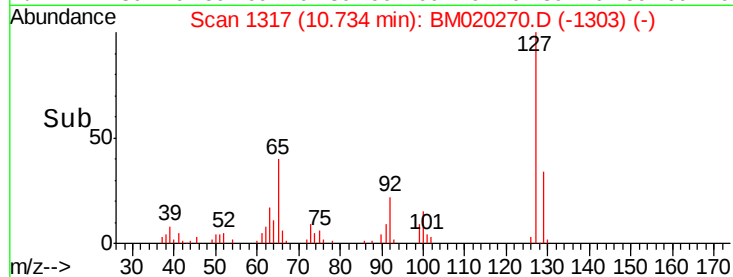
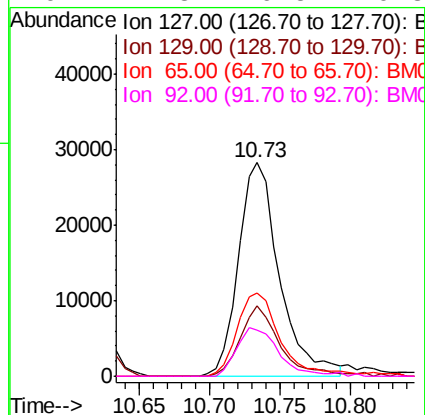
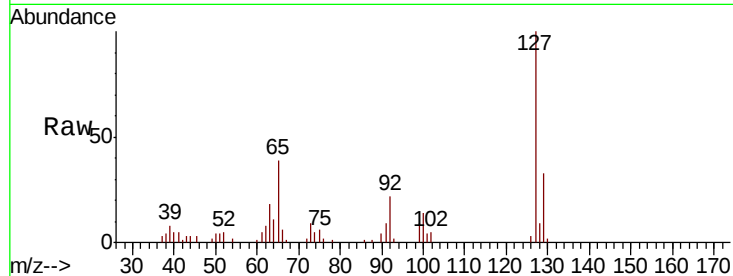




#33
4-Chloroaniline
Concen: 13.652 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

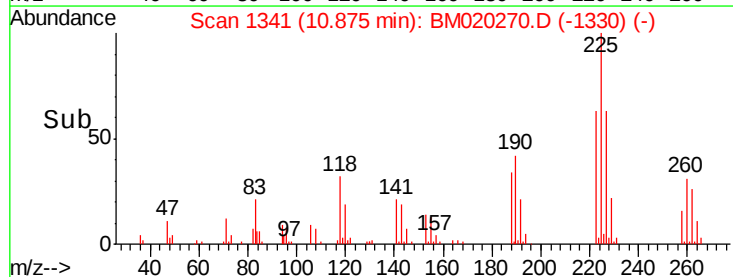
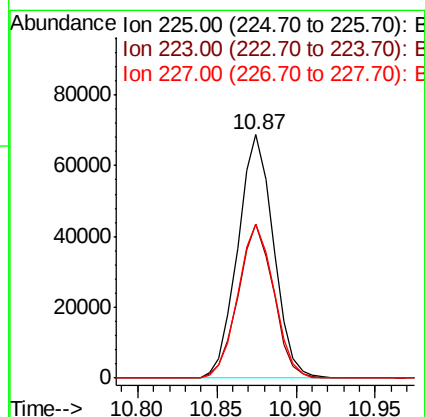
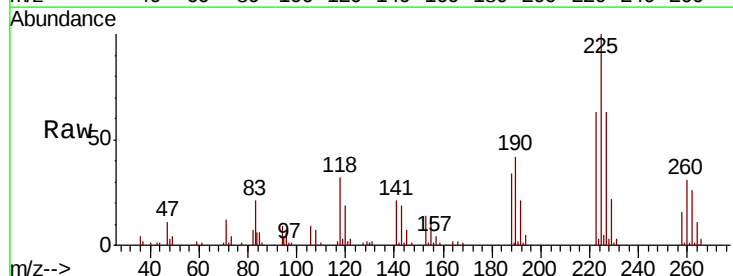
Instrument :
BNA_M
ClientSampleId :
PB119644BS

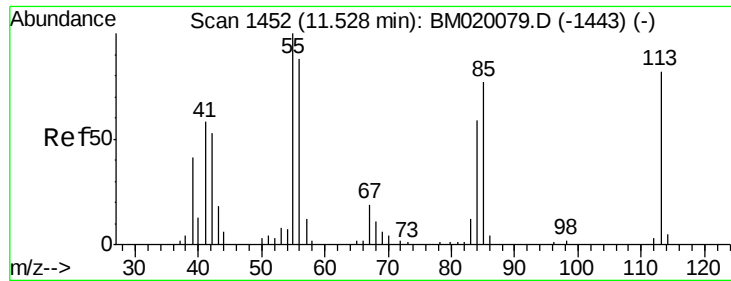
Tgt Ion:	127	Resp:	57466
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.7	37.1
65	39.0	34.6	52.0
92	21.8	19.5	29.3



#34
Hexachlorobutadiene
Concen: 37.688 ng
RT: 10.87 min Scan# 1341
Delta R.T. -0.04 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	225	Resp:	107609
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.9	73.3
227	63.1	49.6	74.4





#35

Caprolactam

Concen: 34.784 ng

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

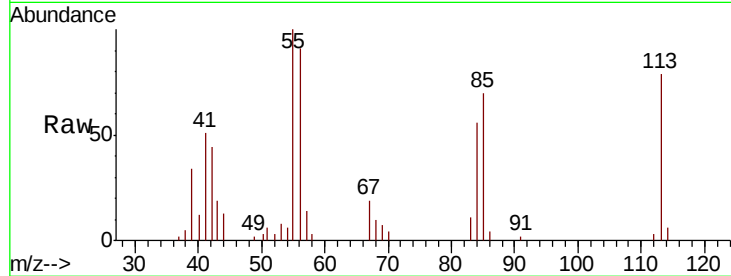
Tgt Ion:113 Resp: 34118

Ion Ratio Lower Upper

113 100

55 126.6 102.5 142.5

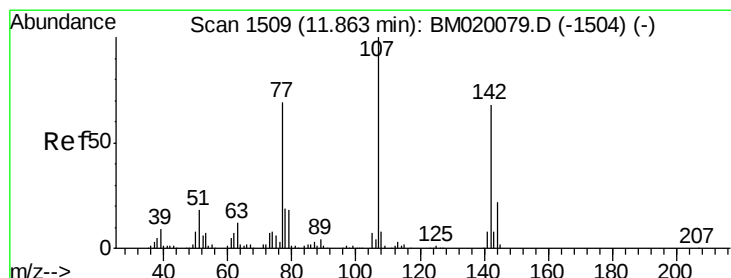
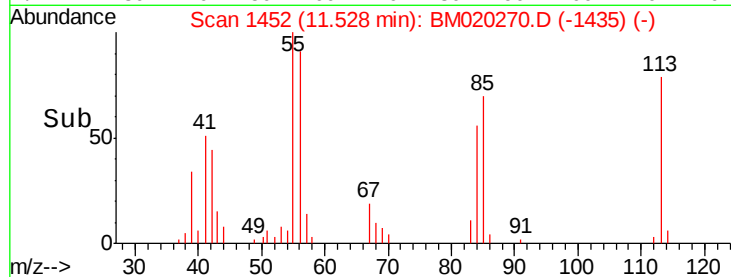
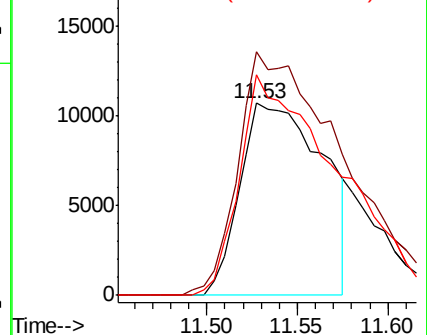
56 114.9 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.590 ng

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

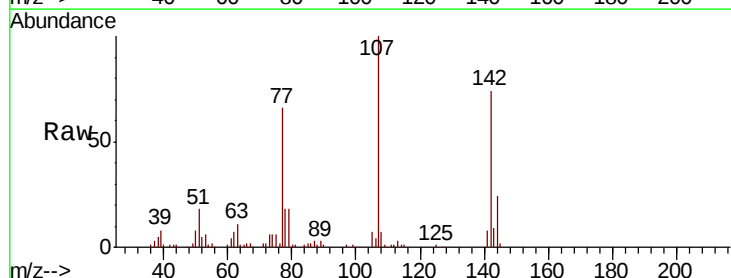
Tgt Ion:107 Resp: 148757

Ion Ratio Lower Upper

107 100

144 24.2 17.6 26.4

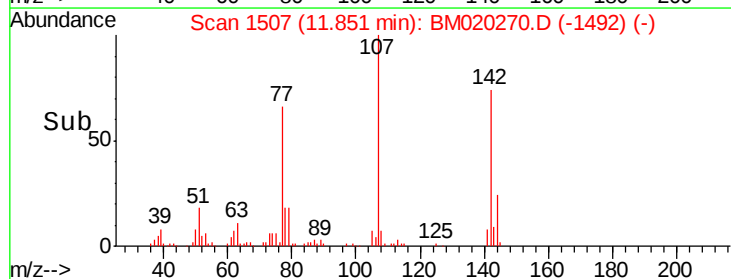
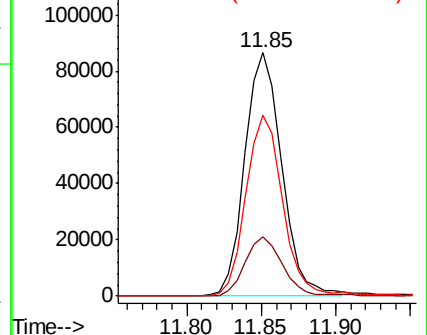
142 74.5 54.6 82.0

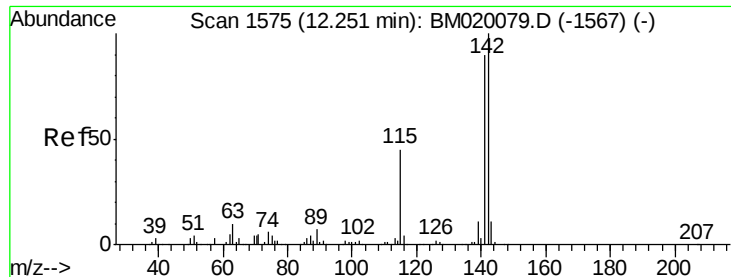


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

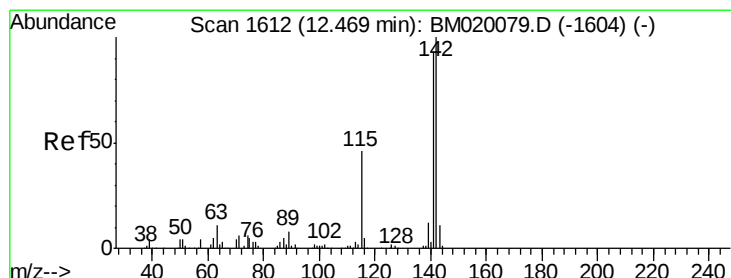
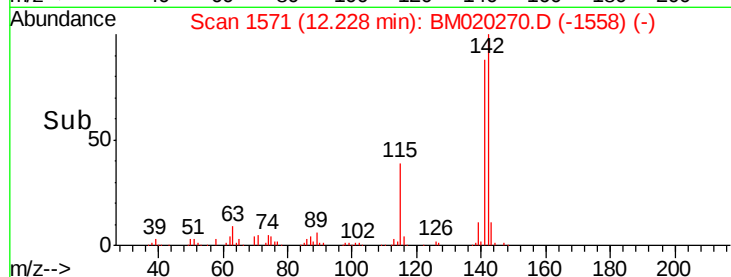
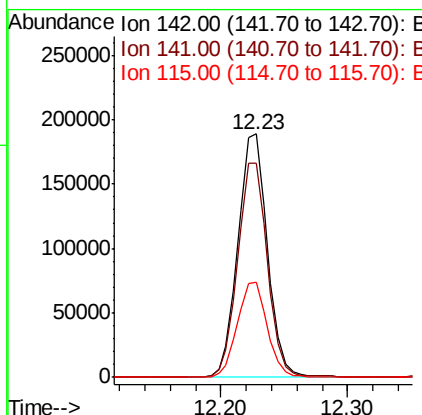
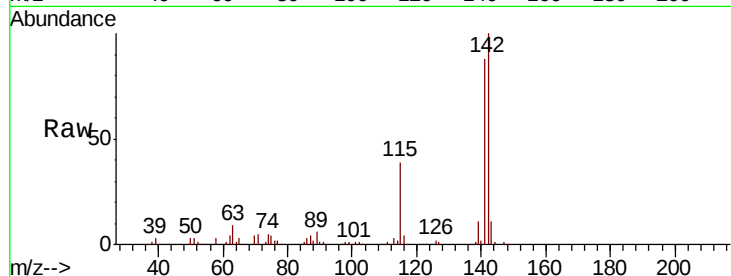




#37
 2-Methylnaphthalene
 Concen: 40.872 ng
 RT: 12.23 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

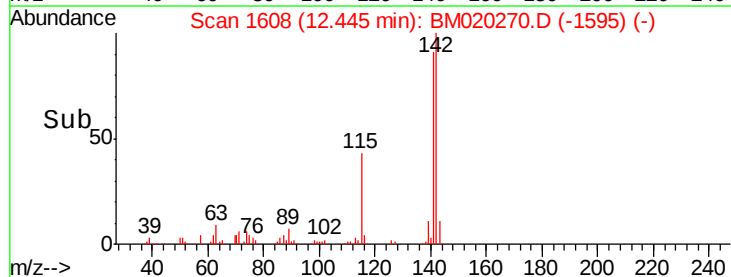
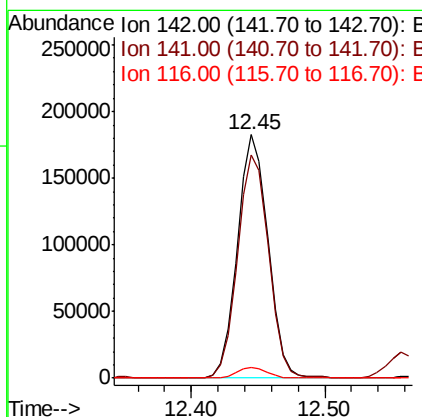
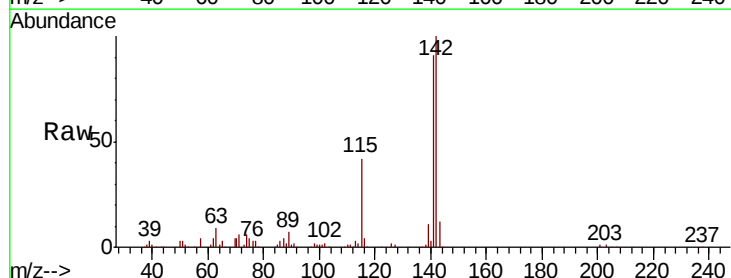
Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

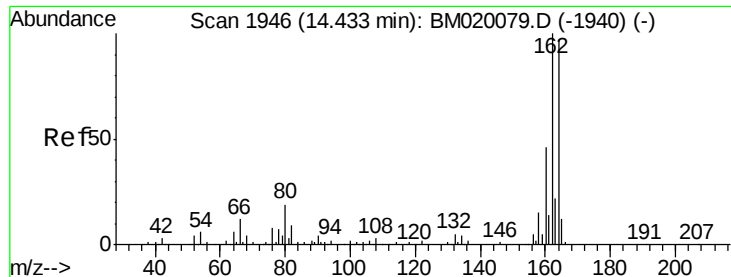
Tgt Ion:142 Resp: 304736
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.6 107.4
 115 39.1 35.8 53.6



#38
 1-Methylnaphthalene
 Concen: 39.844 ng
 RT: 12.45 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:142 Resp: 290496
 Ion Ratio Lower Upper
 142 100
 141 91.4 74.8 112.2
 116 4.4 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

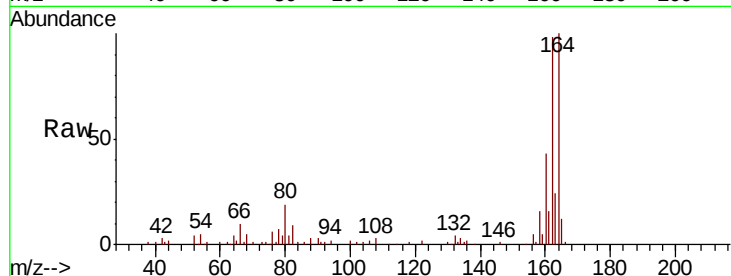
Tgt Ion:164 Resp: 116764

Ion Ratio Lower Upper

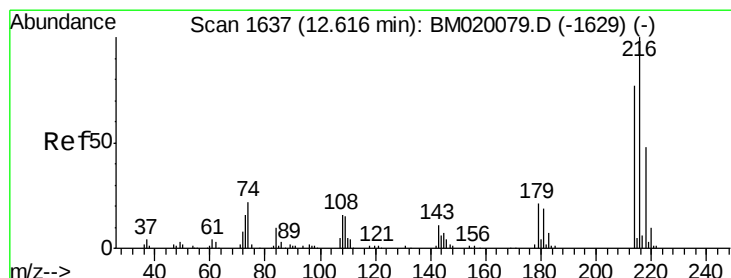
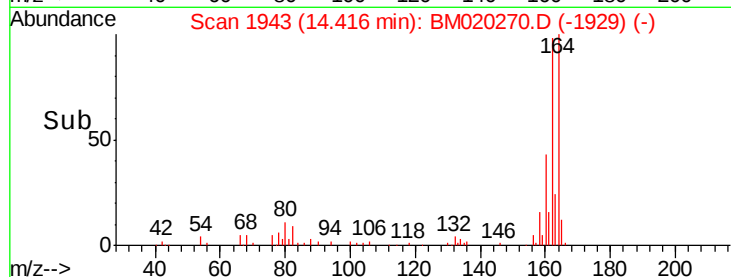
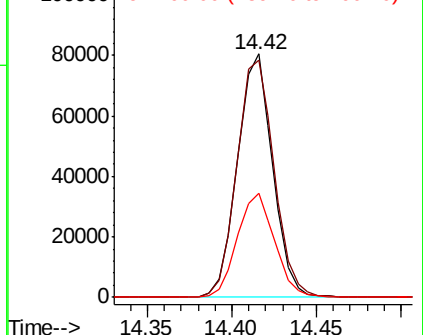
164 100

162 97.6 82.2 123.2

160 42.8 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: 41.277 ng

RT: 12.59 min Scan# 1633

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:216 Resp: 188565

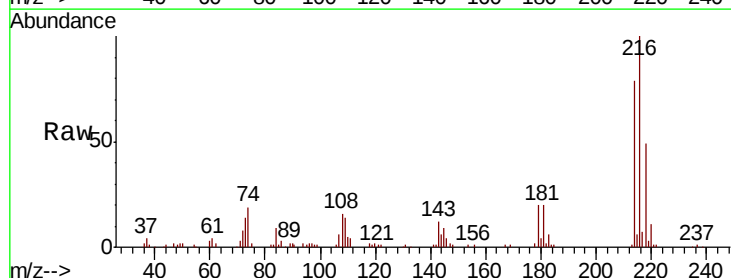
Ion Ratio Lower Upper

216 100

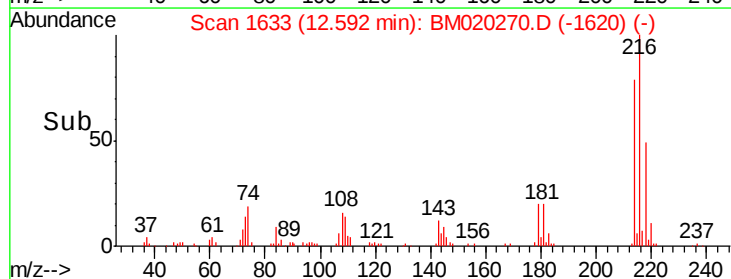
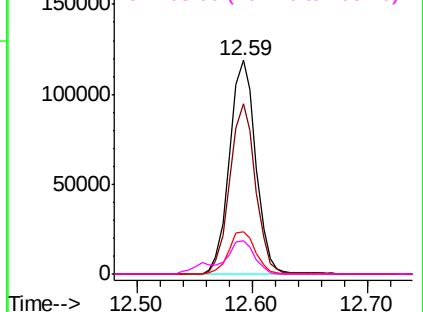
214 77.6 62.6 94.0

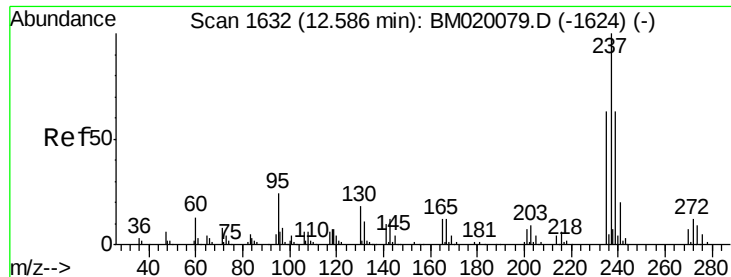
179 20.1 17.1 25.7

108 15.4 15.8 23.6#



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





#41

Hexachlorocyclopentadiene

Concen: 94.684 ng

RT: 12.56 min Scan# 1627

Delta R.T. -0.03 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

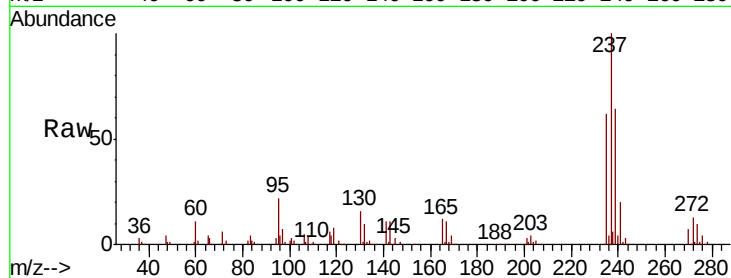
Tgt Ion: 237 Resp: 254681

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

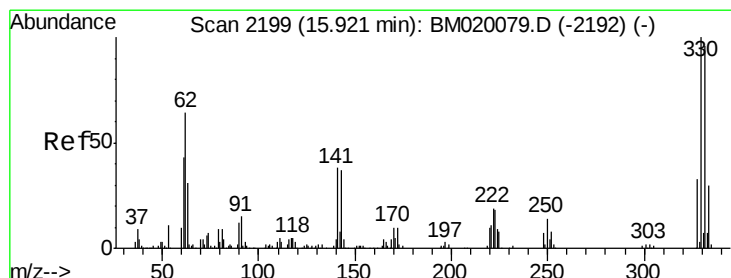
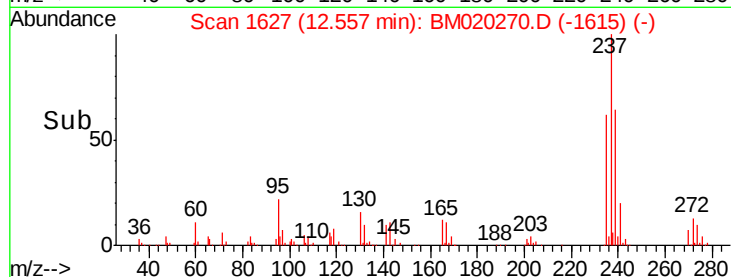
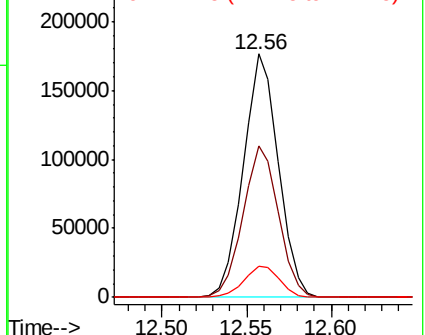
272 12.5 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.891 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

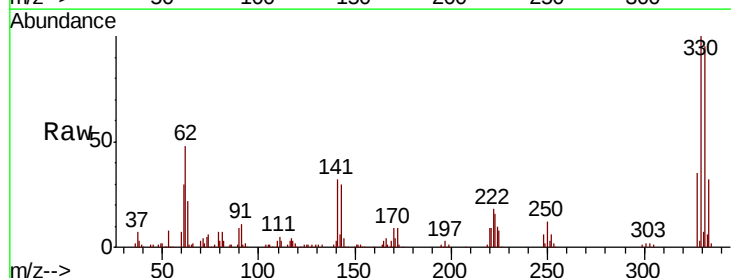
Tgt Ion: 330 Resp: 235415

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

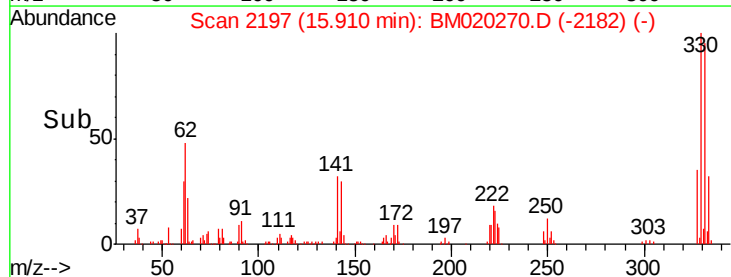
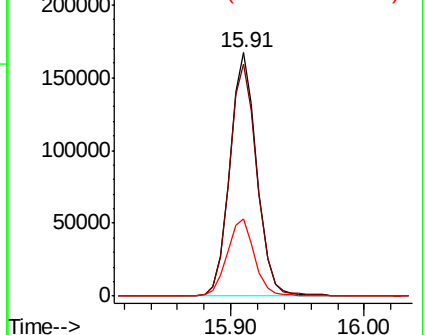
141 32.4 29.2 43.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

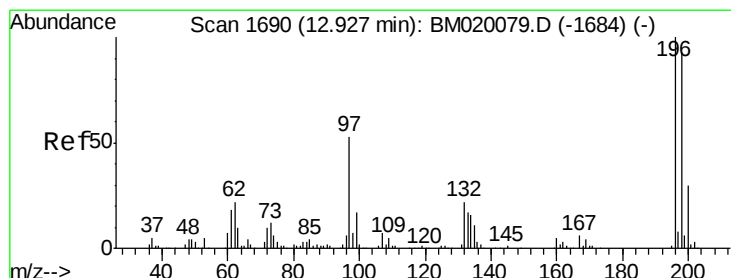
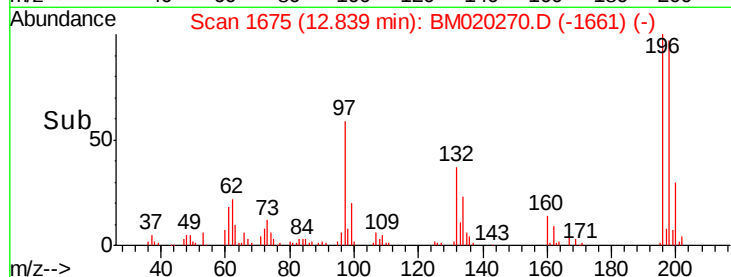
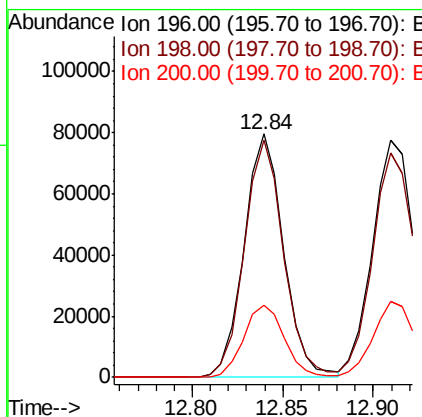
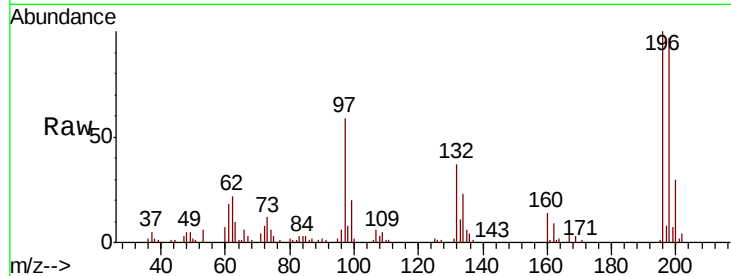




#43
 2,4,6-Trichlorophenol
 Concen: 46.427 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

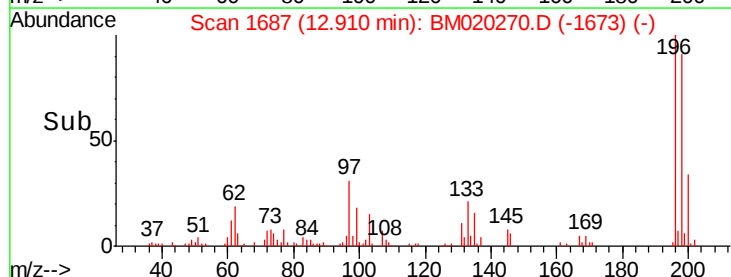
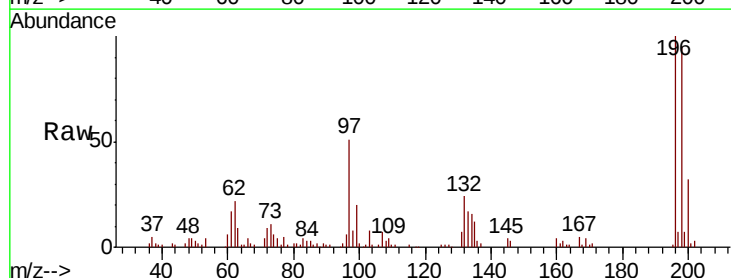
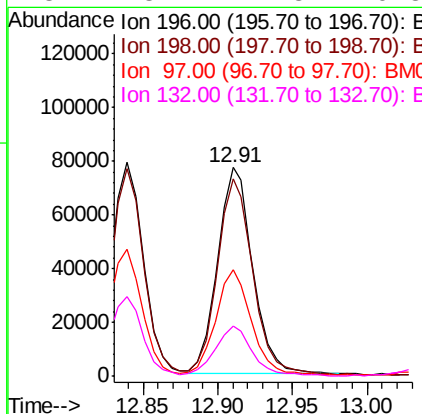
Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

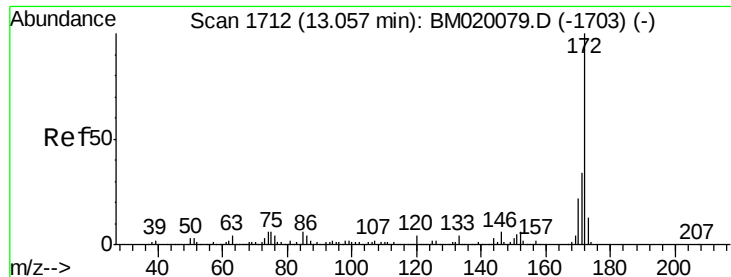
Tgt Ion:196 Resp: 120536
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.2 114.2
 200 29.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.593 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:196 Resp: 126436
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.7 112.1
 97 50.8 42.2 63.4
 132 23.7 17.8 26.8

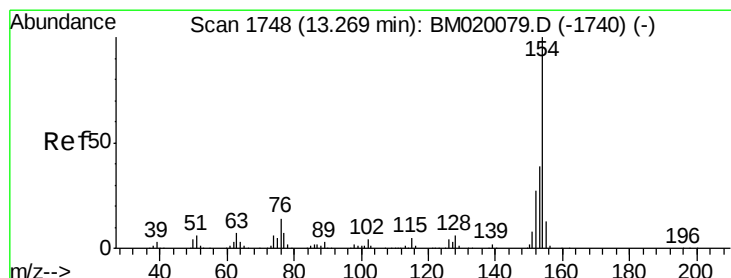
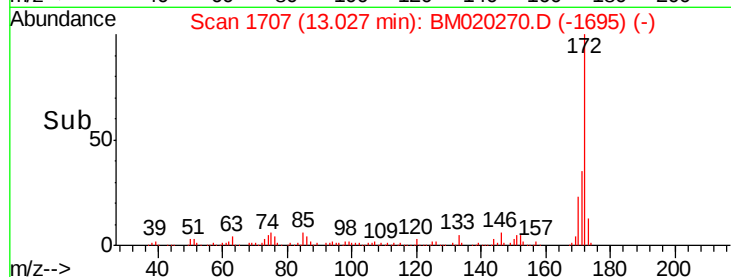
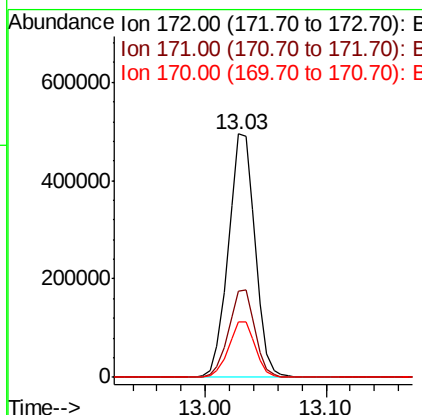
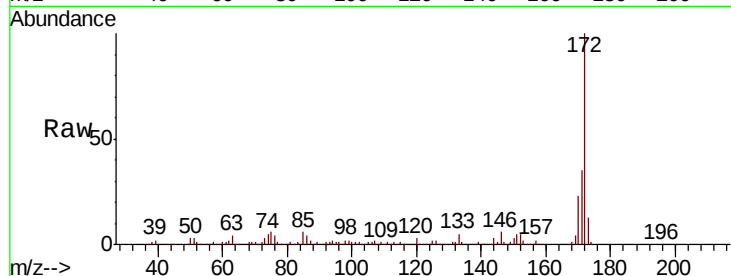




#45
2-Fluorobiphenyl
Concen: 80.092 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

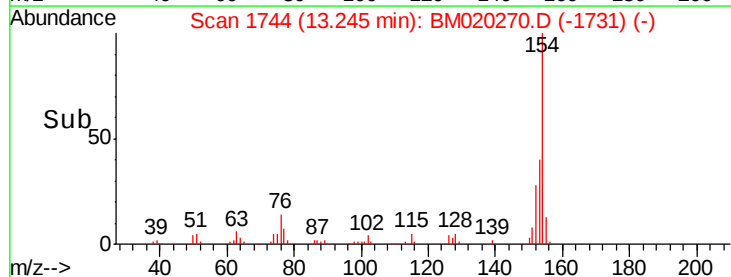
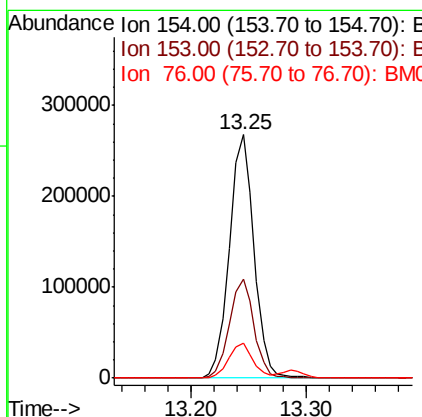
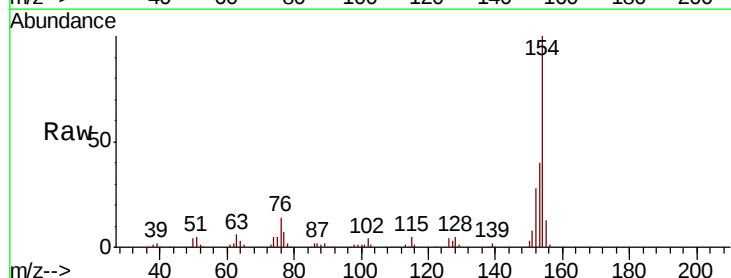
Instrument :
BNA_M
ClientSampleId :
PB119644BS

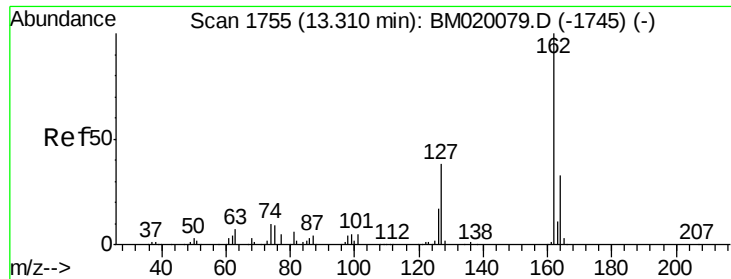
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.7	17.9	26.9



#46
1,1'-Biphenyl
Concen: 41.102 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.4	59.4
76	14.4	0.0	34.5

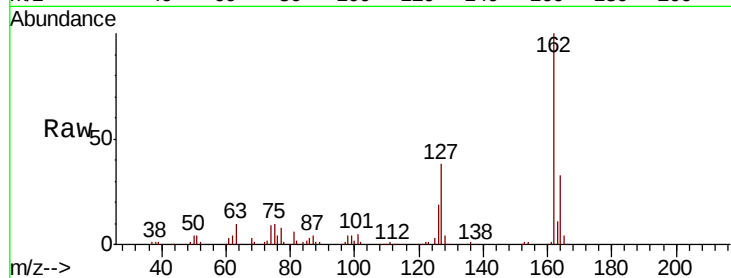




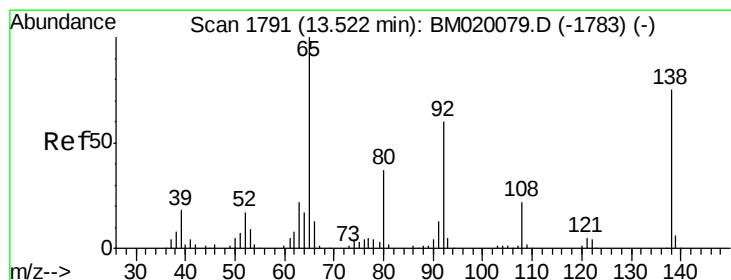
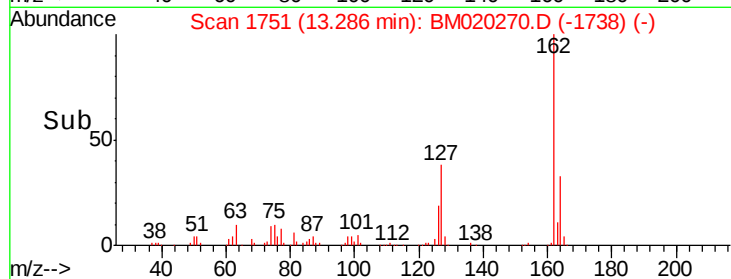
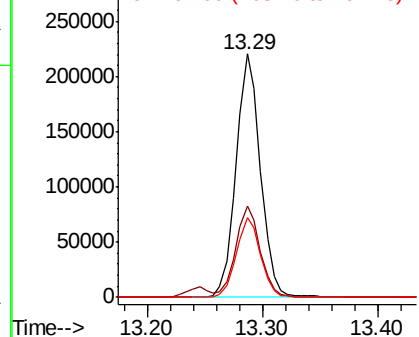
#47
 2-Chloronaphthalene
 Concen: 41.896 ng
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.4
164	32.7	26.2	39.2

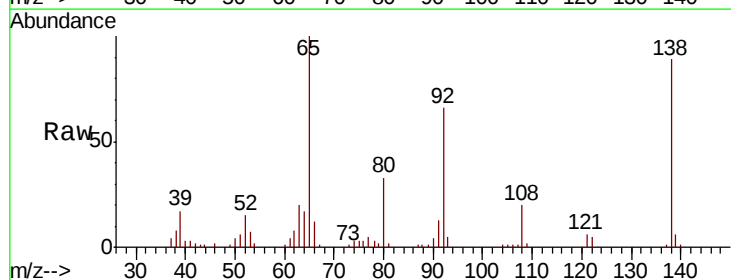


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

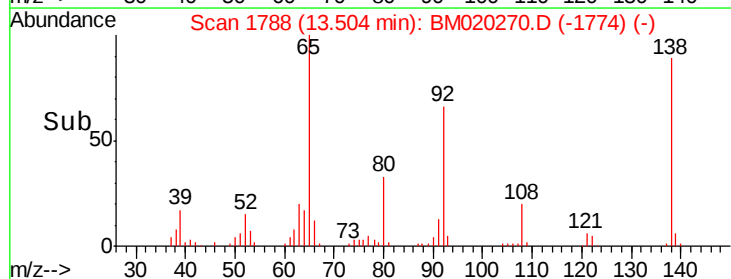
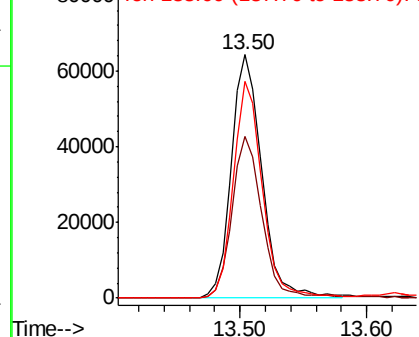


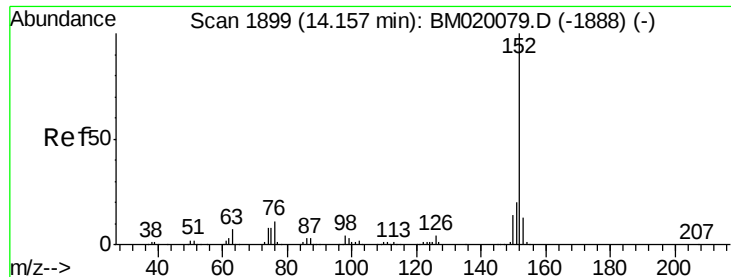
#48
 2-Nitroaniline
 Concen: 39.105 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	48.2	72.4
138	89.3	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: 40.388 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

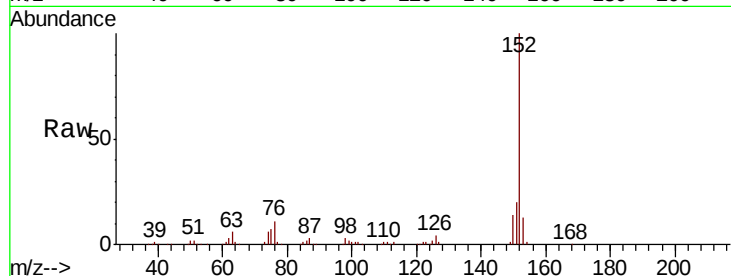
Tgt Ion:152 Resp: 495993

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

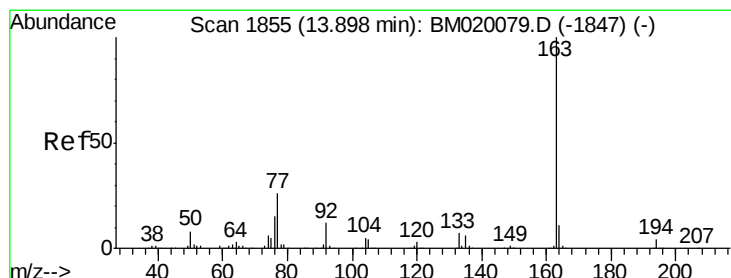
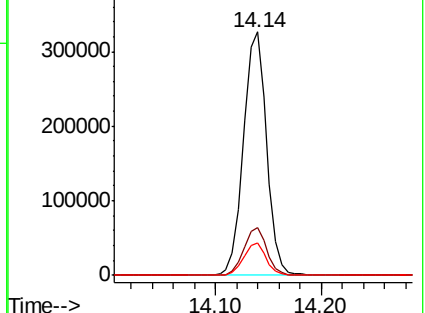
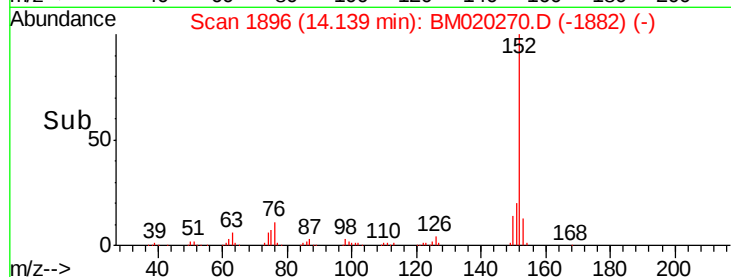
153 13.2 10.6 16.0



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: 39.999 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

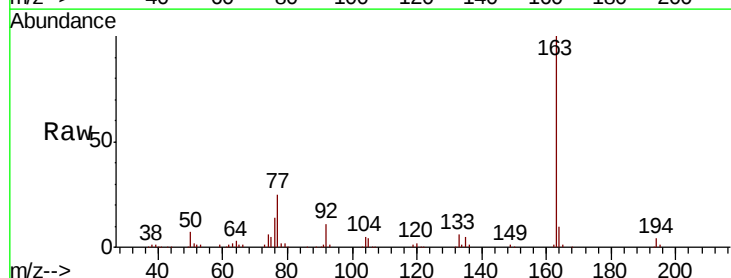
Tgt Ion:163 Resp: 396950

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

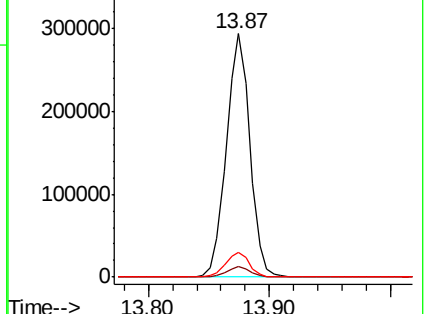
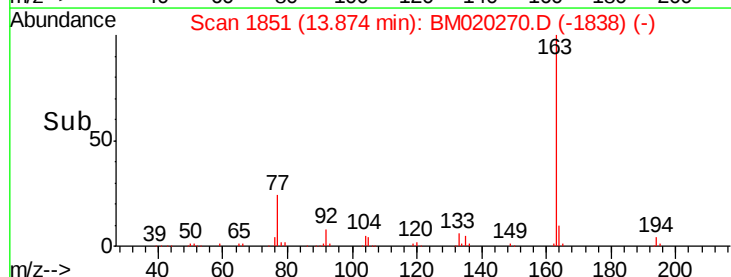
164 10.3 8.4 12.6

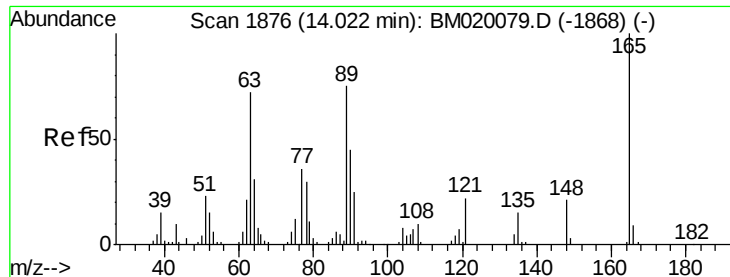


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

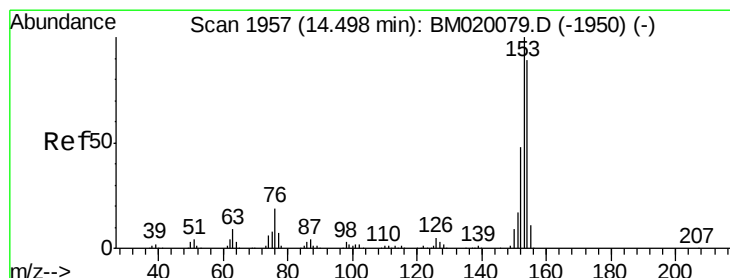
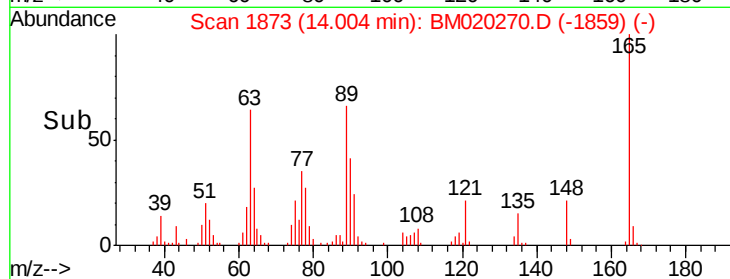
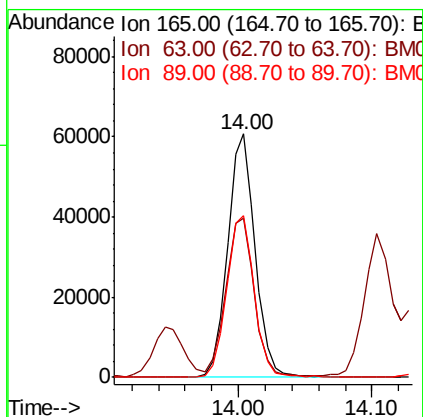
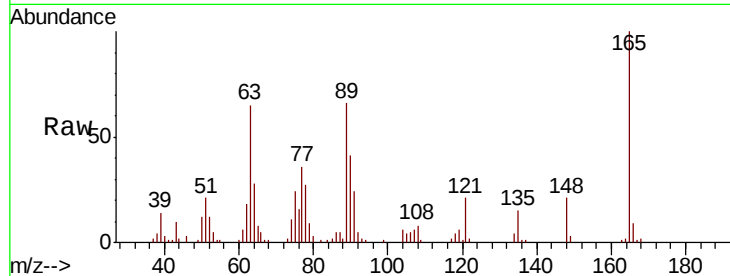




#51
2,6-Dinitrotoluene
Concen: 41.627 ng
RT: 14.00 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

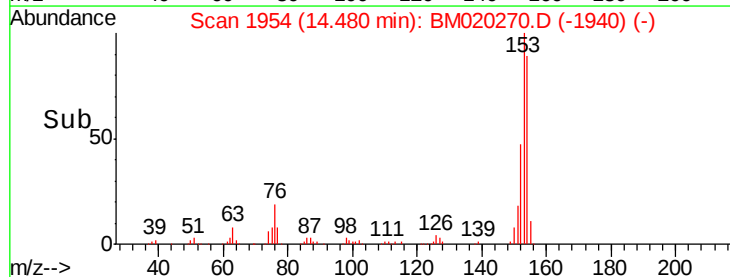
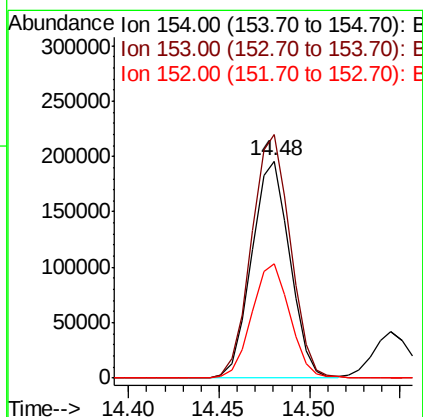
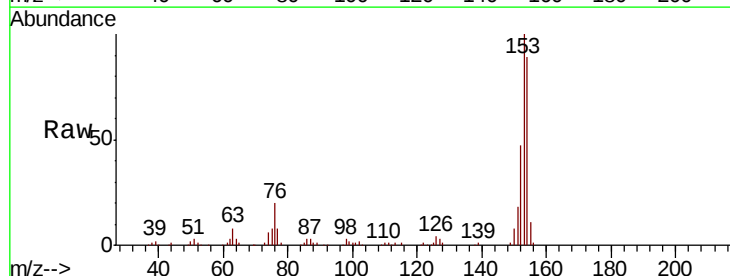
Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:165 Resp: 87010
Ion Ratio Lower Upper
165 100
63 65.4 60.3 90.5
89 66.2 59.8 89.6



#52
Acenaphthene
Concen: 40.766 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:154 Resp: 287086
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 52.6 43.0 64.4

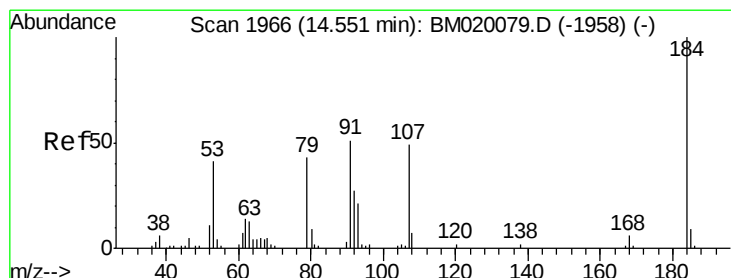
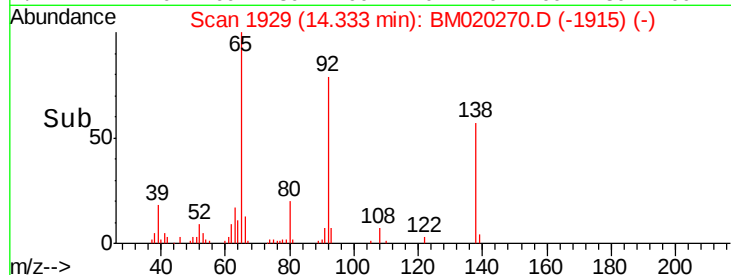
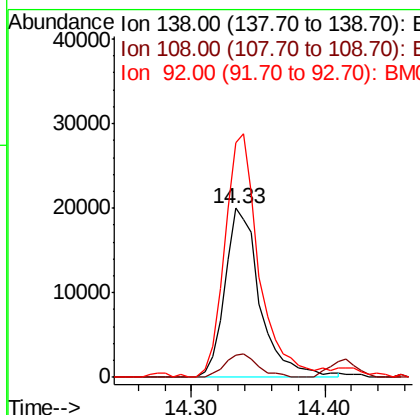
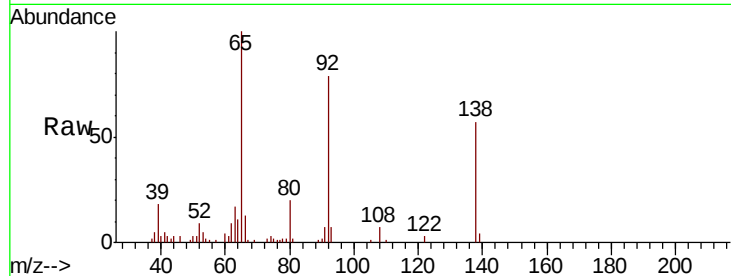




#53
 3-Nitroaniline
 Concen: 19.019 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

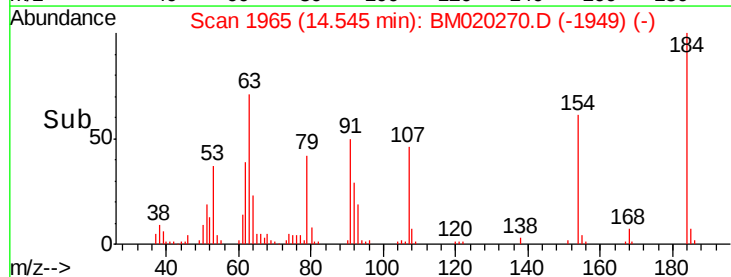
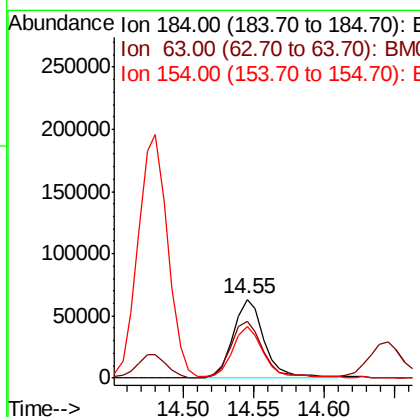
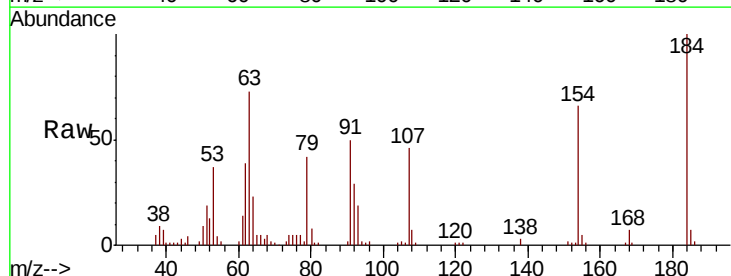
Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tgt Ion:138 Resp: 36896
 Ion Ratio Lower Upper
 138 100
 108 13.1 10.4 15.6
 92 138.5 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 91.835 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:184 Resp: 97617
 Ion Ratio Lower Upper
 184 100
 63 72.5 68.9 103.3
 154 66.1 54.4 81.6

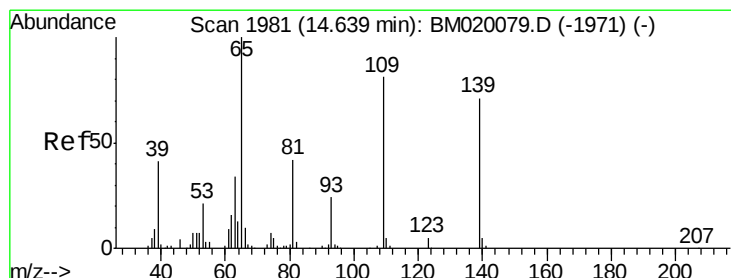
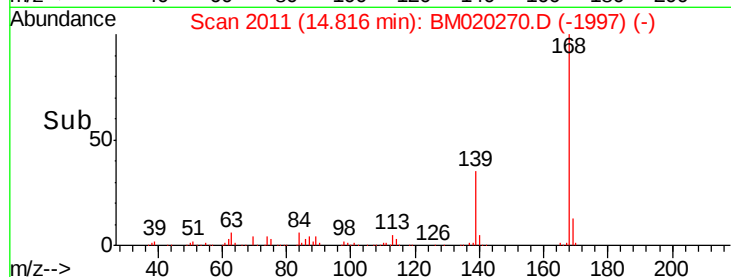
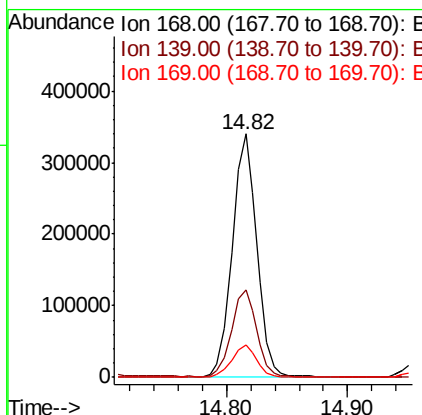
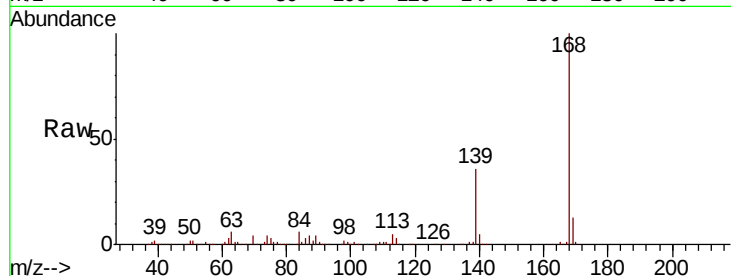




#55
 Dibenzofuran
 Concen: 40.717 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

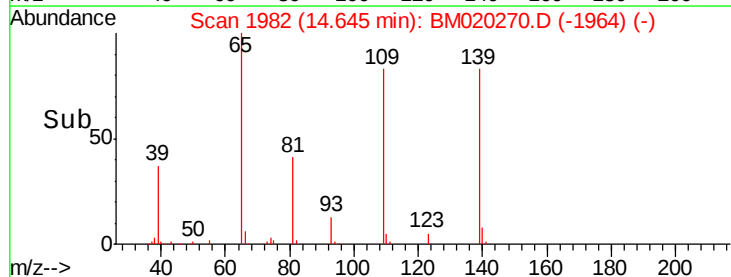
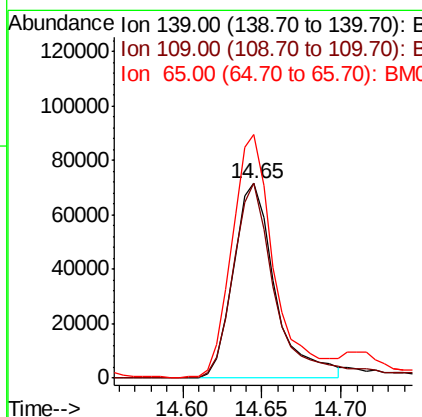
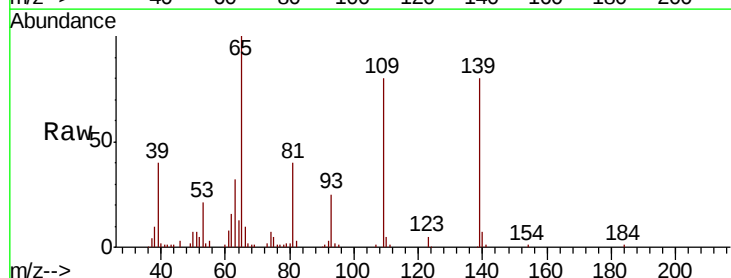
Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

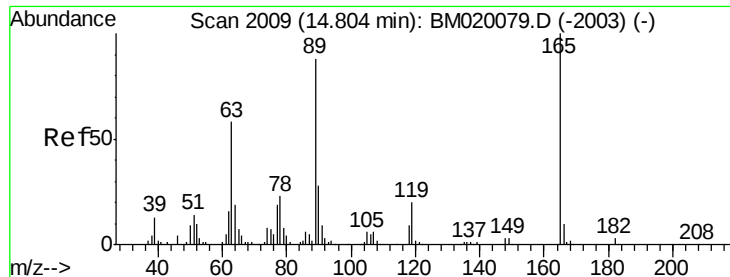
Tgt Ion:168 Resp: 483669
 Ion Ratio Lower Upper
 168 100
 139 36.0 31.1 46.7
 169 13.4 10.6 16.0



#56
 4-Nitrophenol
 Concen: 79.187 ng
 RT: 14.65 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:139 Resp: 131070
 Ion Ratio Lower Upper
 139 100
 109 100.3 94.1 134.1
 65 125.1 120.9 160.9





#57

2,4-Dinitrotoluene

Concen: 43.700 ng

RT: 14.79 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

Tgt Ion:165 Resp: 124117

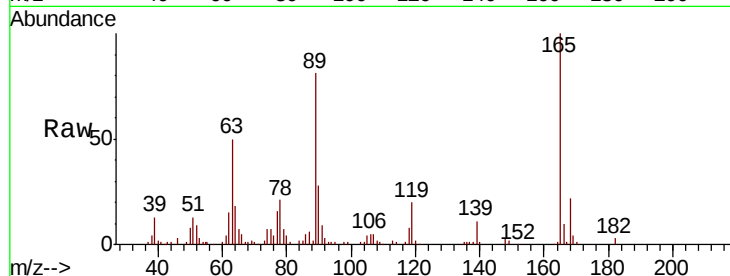
Ion Ratio Lower Upper

165 100

63 50.4 46.2 69.2

89 81.0 70.6 105.8

182 3.0 2.2 3.2

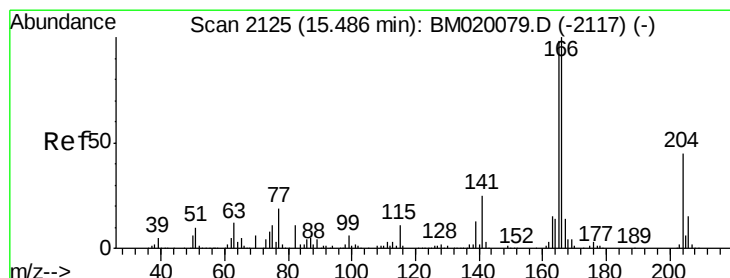
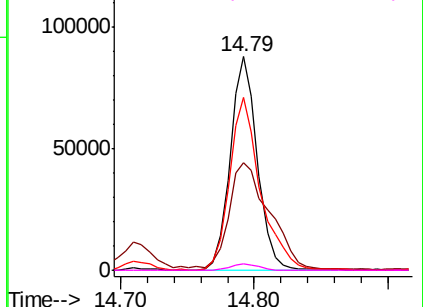
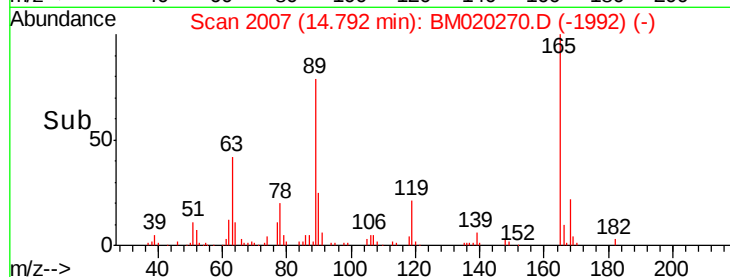


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.480 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

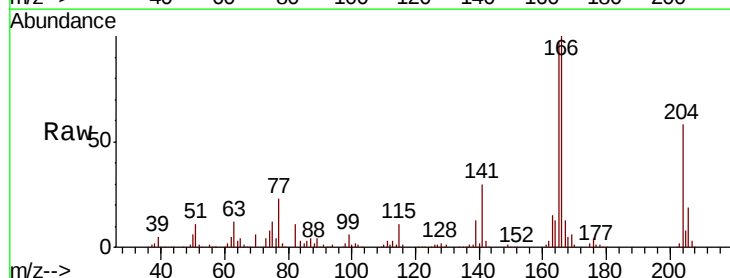
Tgt Ion:166 Resp: 385159

Ion Ratio Lower Upper

166 100

165 96.7 78.2 117.2

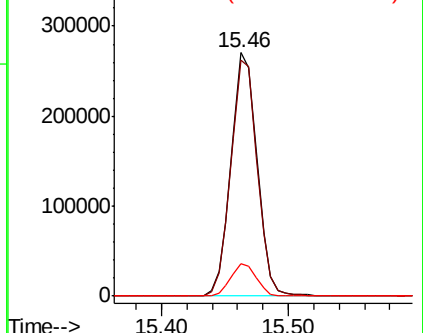
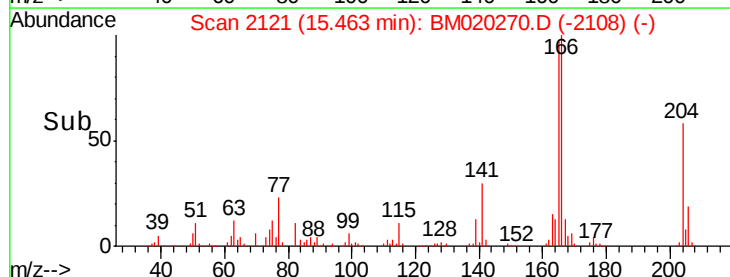
167 13.5 11.0 16.4



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

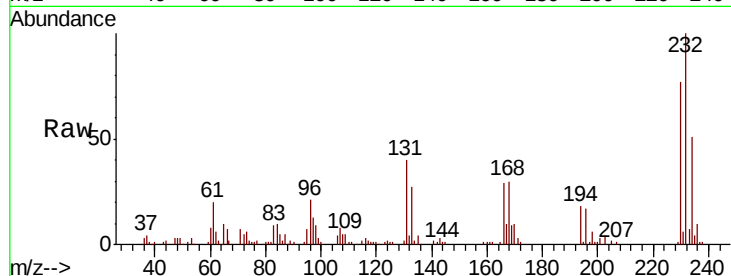




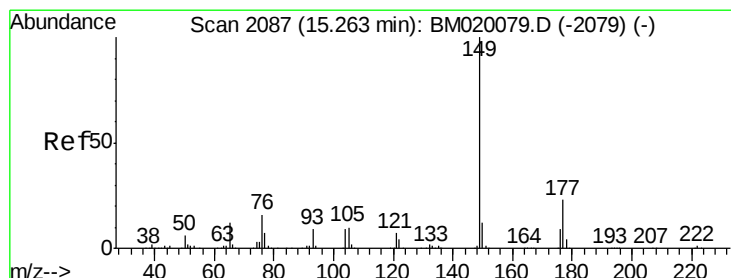
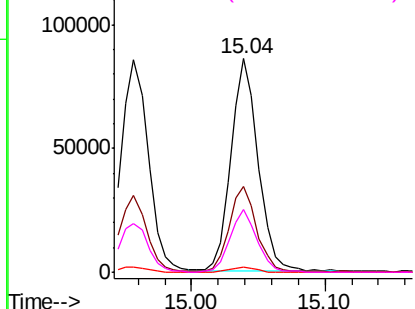
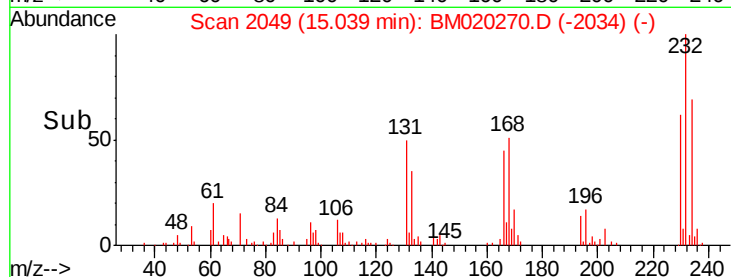
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.715 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tgt Ion:	232	Resp:	120488
Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.0	2.0	3.0
166	29.8	23.8	35.8

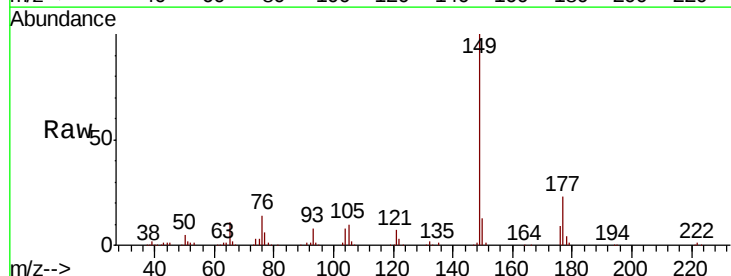


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

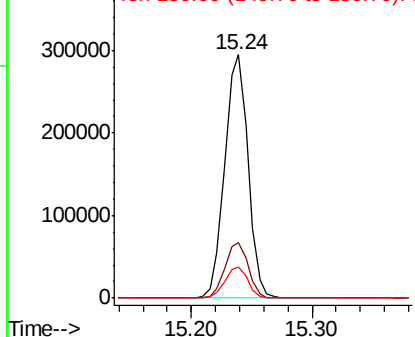
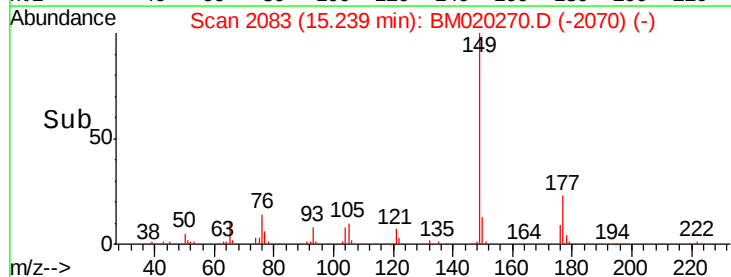


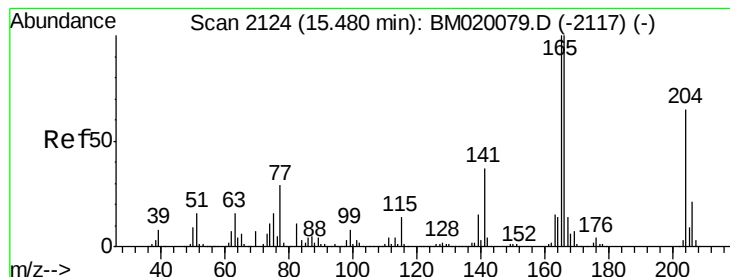
#60
 Diethylphthalate
 Concen: 39.480 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:	149	Resp:	394737
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.4
150	12.6	9.9	14.9



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





#61

4-Chlorophenyl-phenylether

Concen: 40.167 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

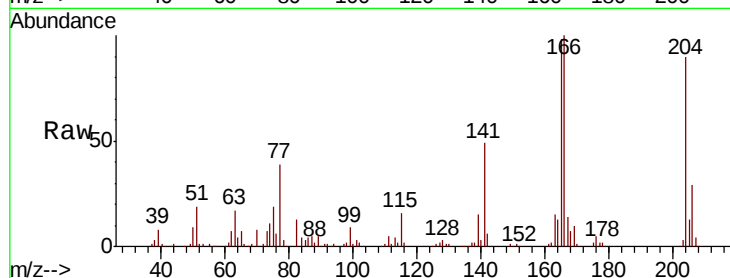
Tgt Ion:204 Resp: 222029

Ion Ratio Lower Upper

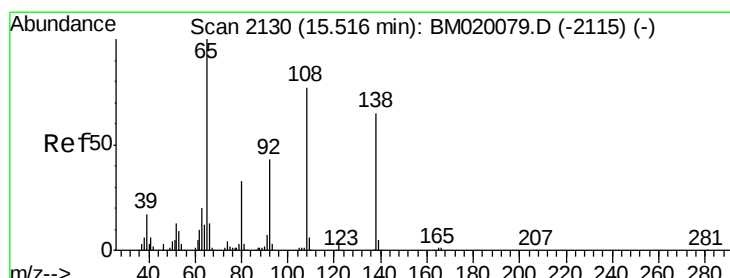
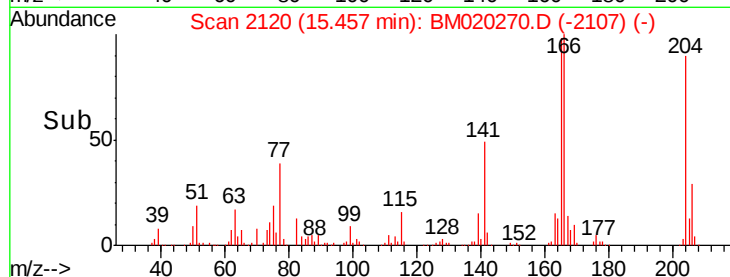
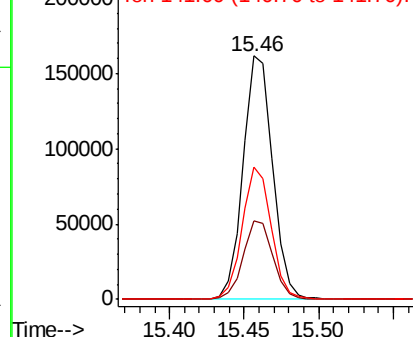
204 100

206 32.1 25.6 38.4

141 54.2 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: 30.679 ng

RT: 15.50 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

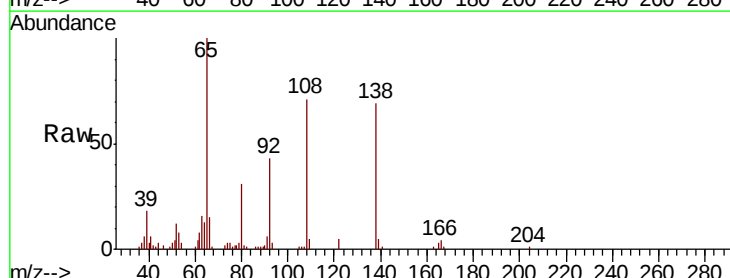
Tgt Ion:138 Resp: 65681

Ion Ratio Lower Upper

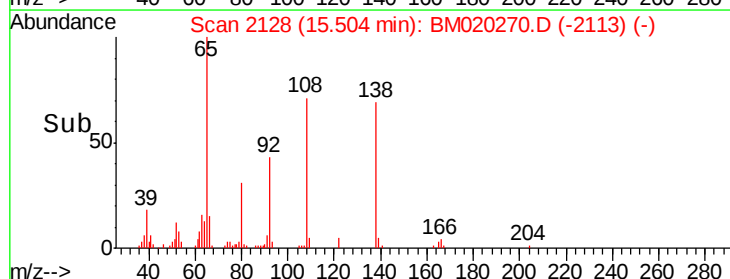
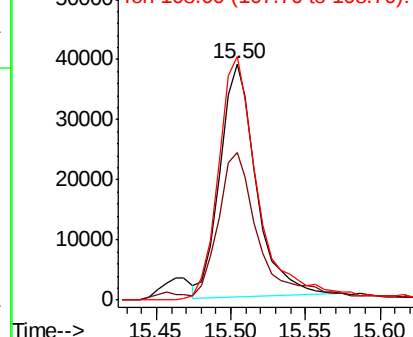
138 100

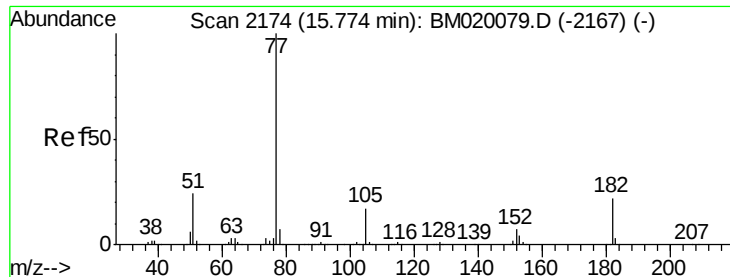
92 62.4 45.9 85.9

108 103.1 97.7 137.7



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





#63

Azobenzene

Concen: 37.069 ng

RT: 15.75 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

Tgt Ion: 77 Resp: 437237

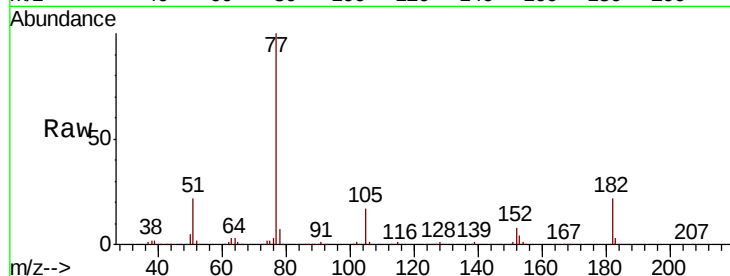
Ion Ratio Lower Upper

77 100

182 22.2 2.1 42.1

105 16.8 0.0 36.8

51 21.6 3.8 43.8

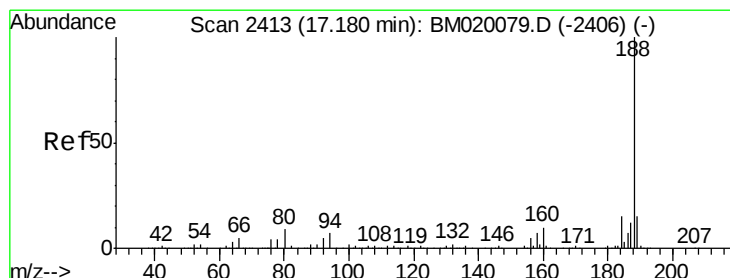
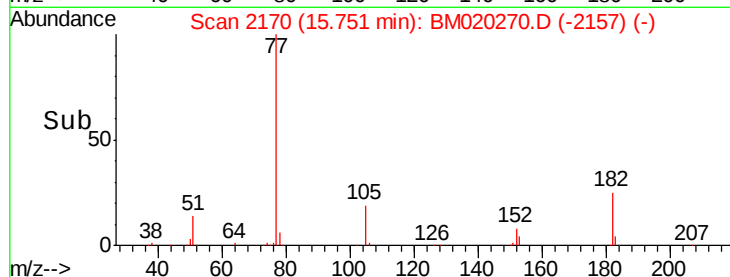
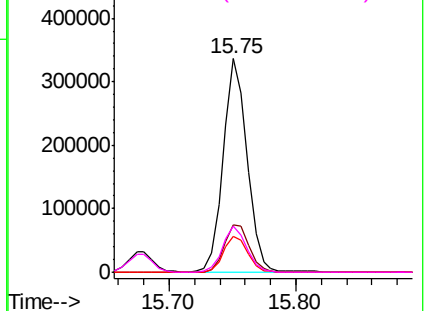


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

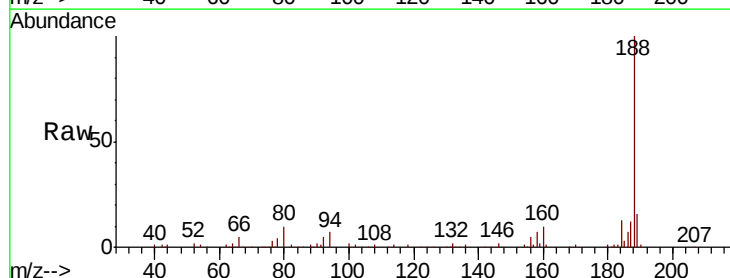
Tgt Ion: 188 Resp: 271819

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

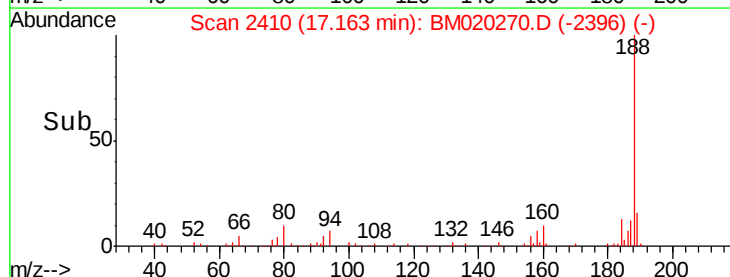
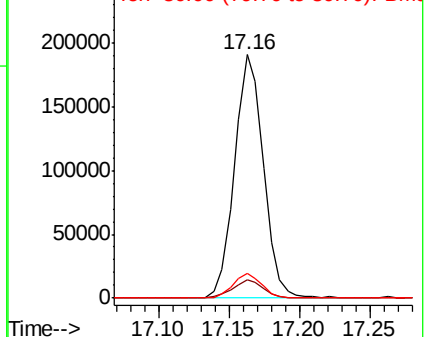
80 10.1 7.4 11.2

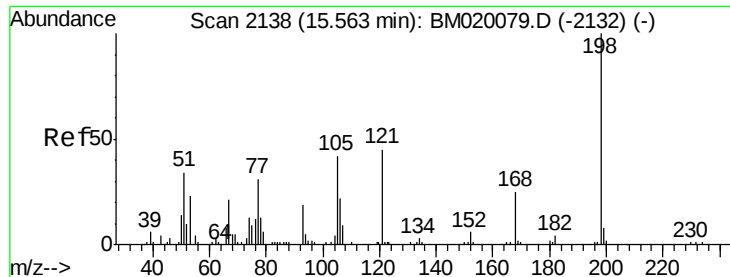


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

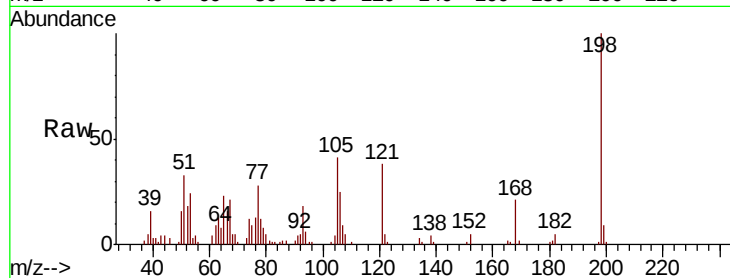




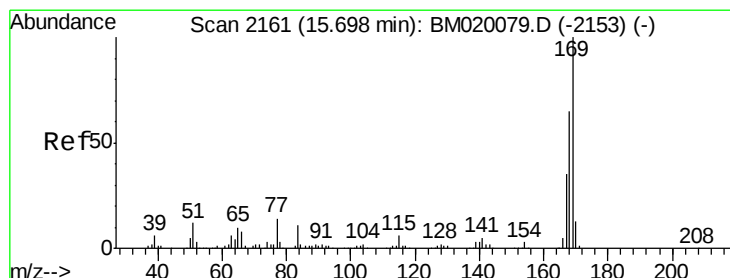
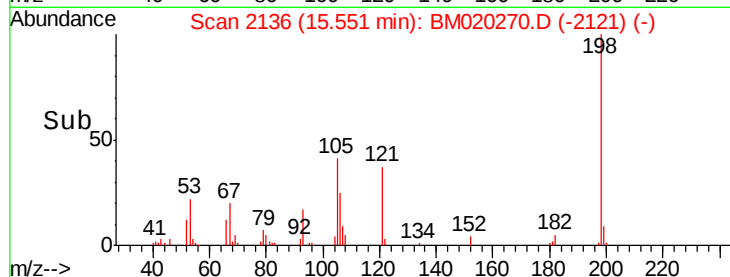
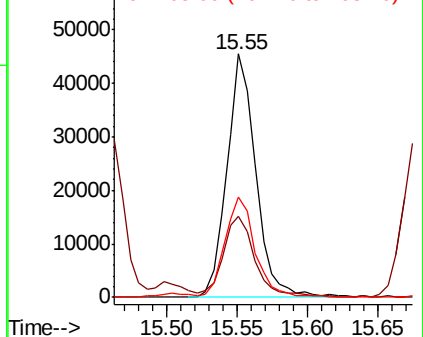
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.340 ng
 RT: 15.55 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.5	16.5	56.5
105	41.3	22.8	62.8

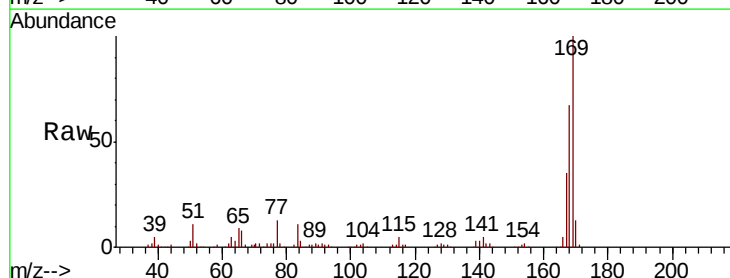


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM020270.D (-2132) (-)
 Ion 105.00 (104.70 to 105.70): E

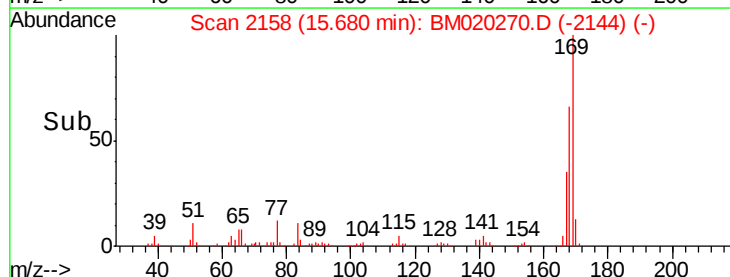
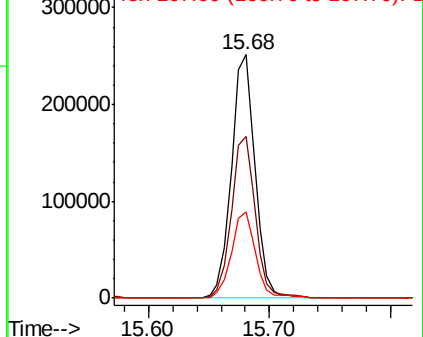


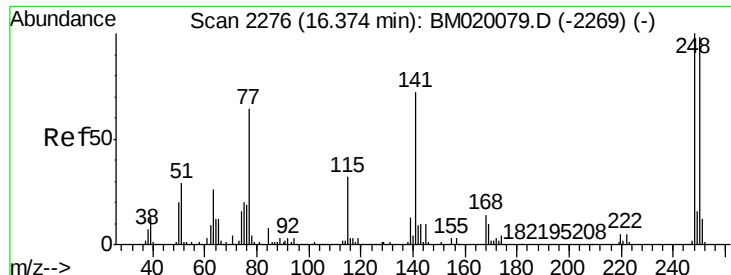
#66
 n-Nitrosodiphenylamine
 Concen: 42.984 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	51.9	77.9
167	35.4	27.8	41.6



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

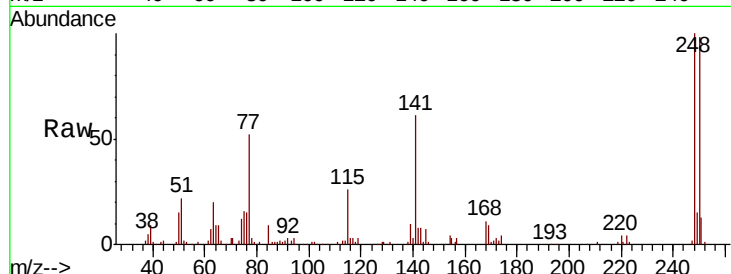




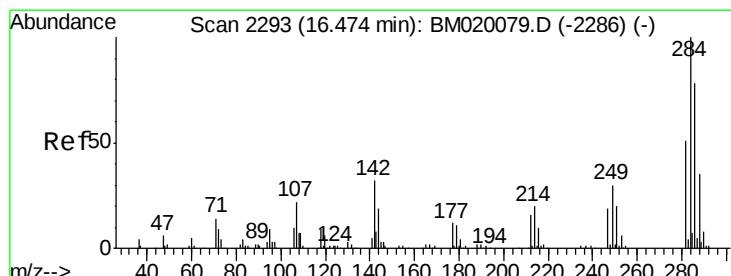
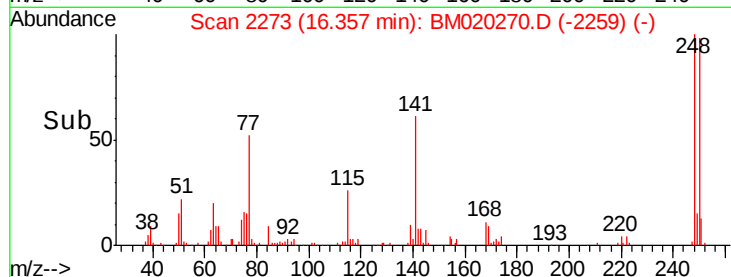
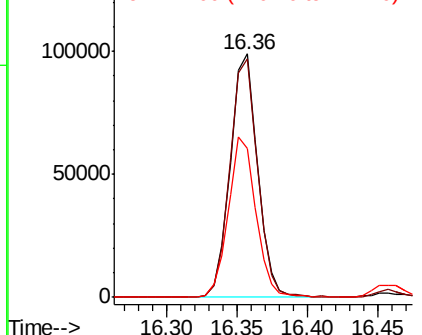
#67
 4-Bromophenyl-phenylether
 Concen: 40.309 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tgt Ion:248 Resp: 134359
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.4 117.6
 141 61.4 57.4 86.2

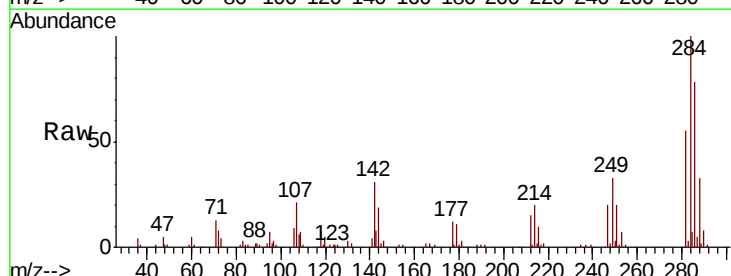


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

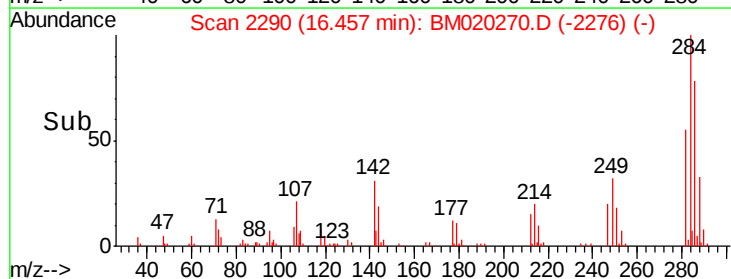
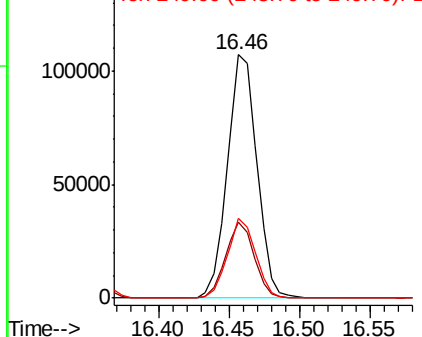


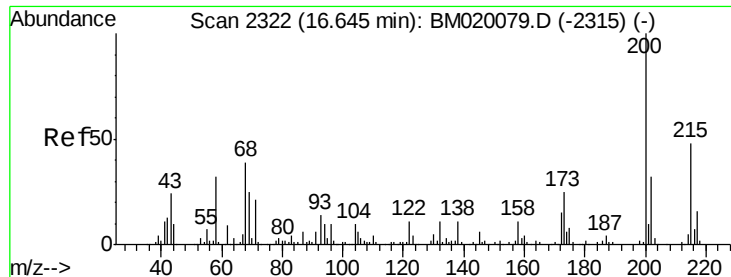
#68
 Hexachlorobenzene
 Concen: 40.681 ng
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:284 Resp: 156038
 Ion Ratio Lower Upper
 284 100
 142 31.4 25.2 37.8
 249 32.8 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

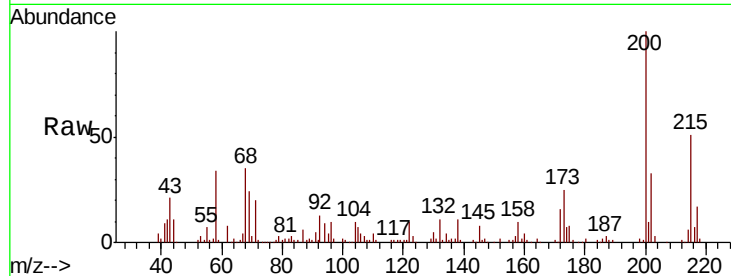




#69
 Atrazine
 Concen: 40.904 ng
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.6	44.6
215	51.4	28.0	68.0

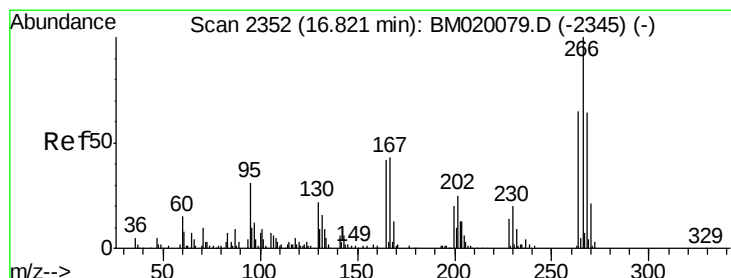
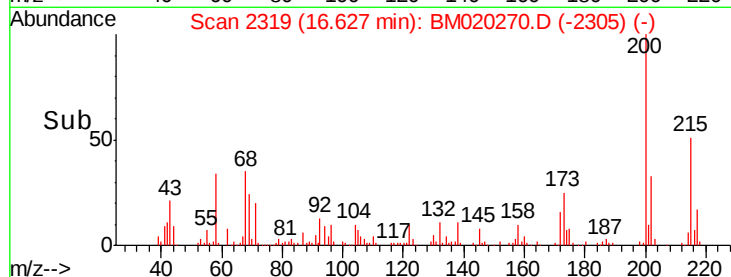
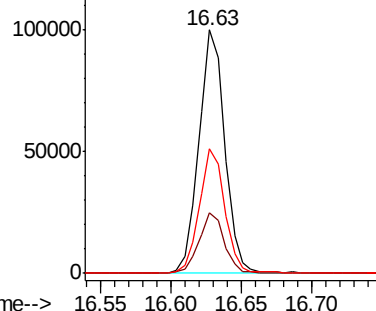


Abundance

Ion 200.00 (199.70 to 200.70): E

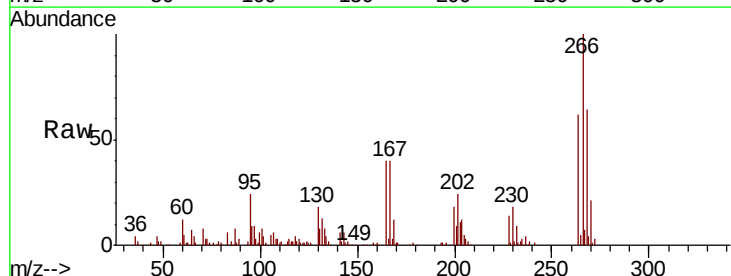
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 93.188 ng
 RT: 16.81 min Scan# 2350
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	62.3	52.0	78.0

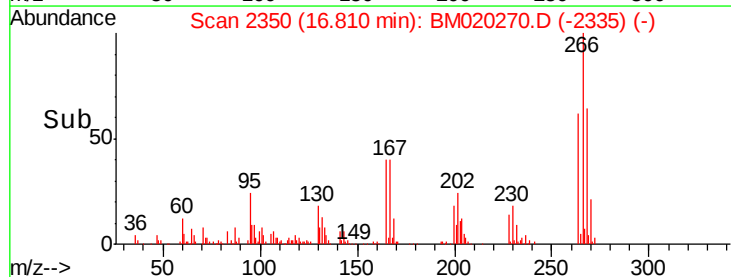
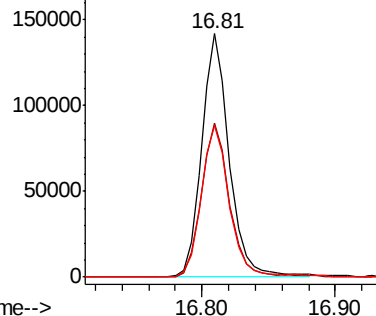


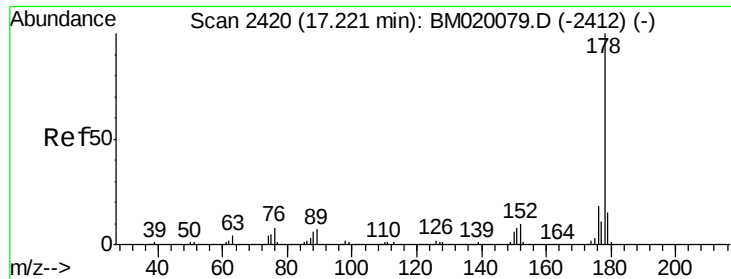
Abundance

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

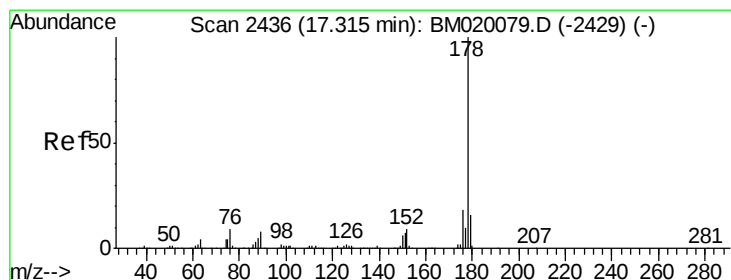
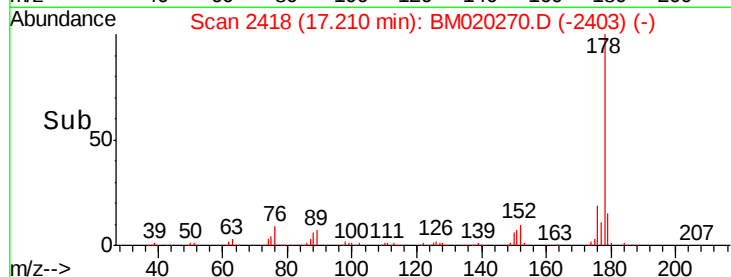
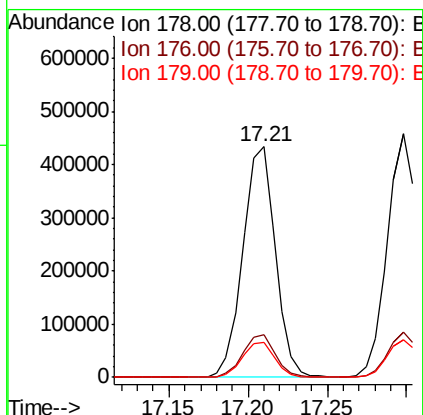
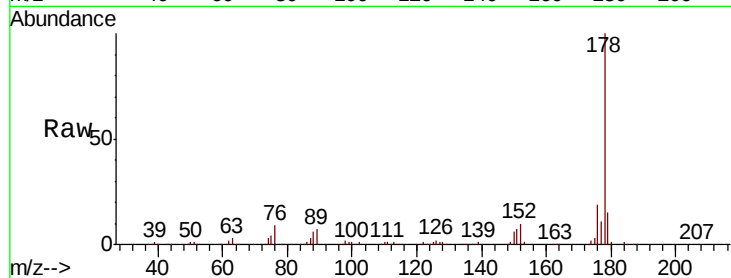




#71
Phenanthrene
Concen: 41.198 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

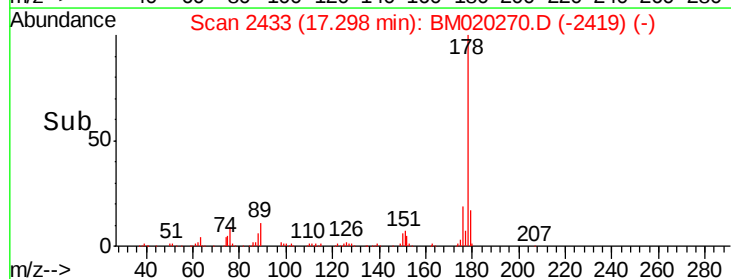
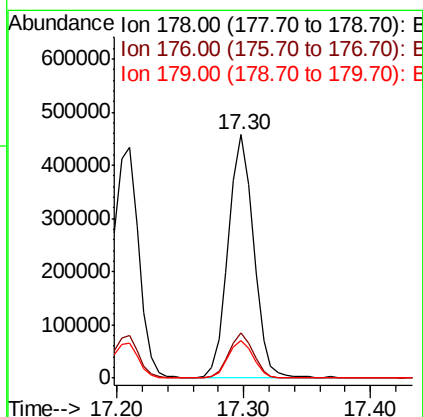
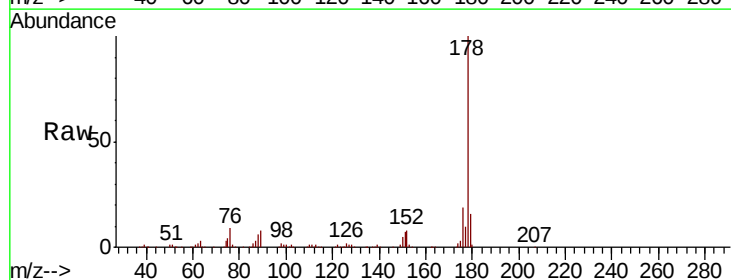
Instrument :
BNA_M
ClientSampleId :
PB119644BS

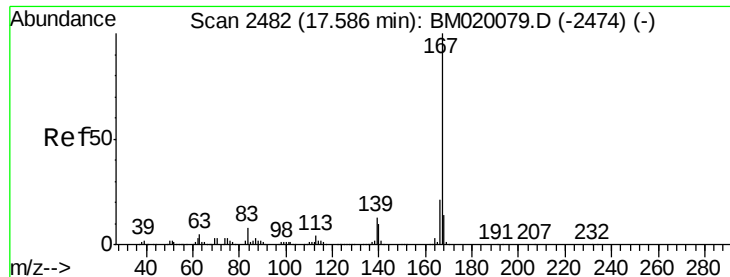
Tgt Ion:178 Resp: 618165
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.2 12.4 18.6



#72
Anthracene
Concen: 42.042 ng
RT: 17.30 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:178 Resp: 630708
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.252 ng

RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

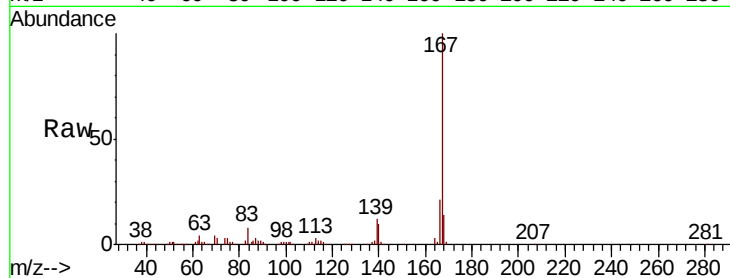
Tgt Ion:167 Resp: 558404

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

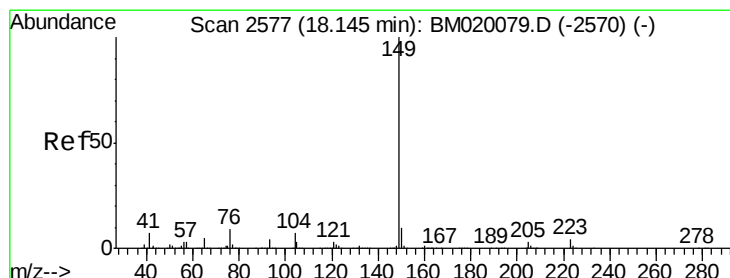
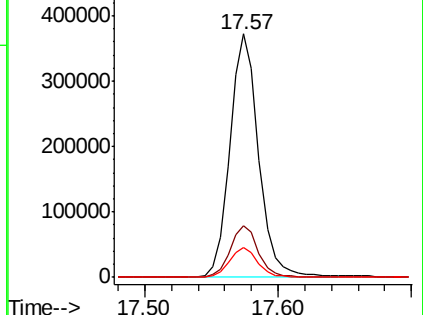
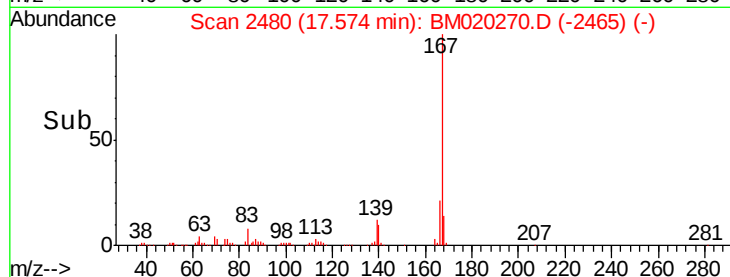
139 12.4 10.6 16.0



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: 40.917 ng

RT: 18.12 min Scan# 2573

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

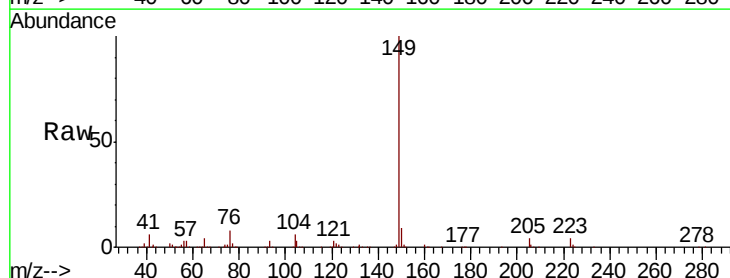
Tgt Ion:149 Resp: 666550

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

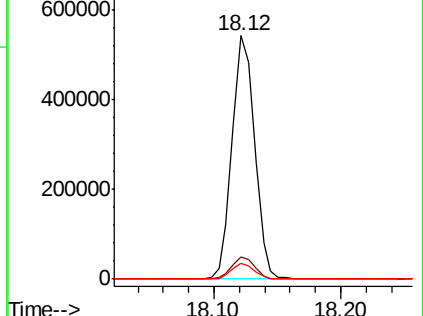
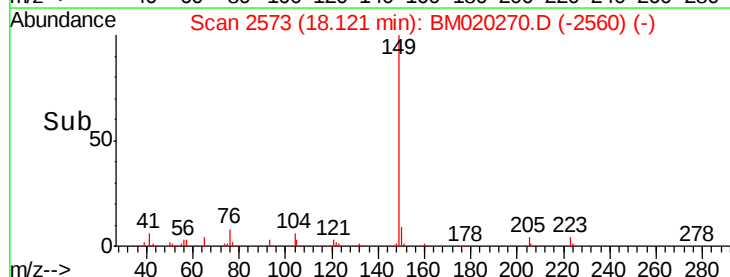
104 6.3 5.7 8.5



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: 41.217 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

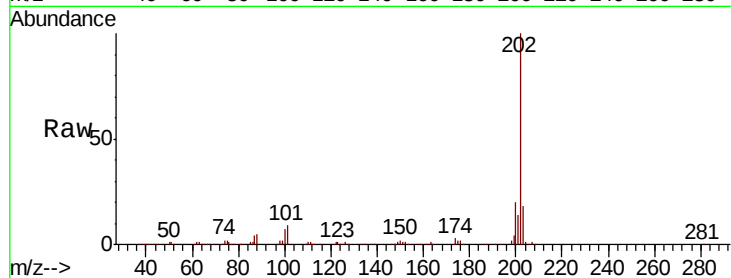
Tgt Ion:202 Resp: 782482

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.4

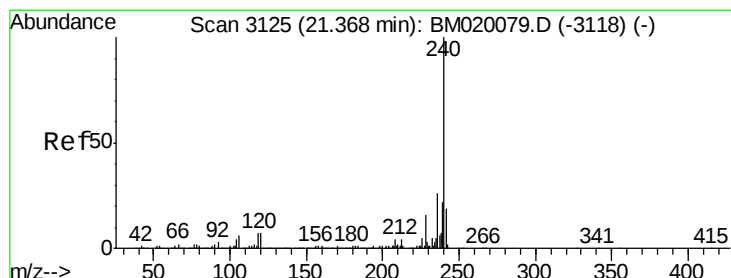
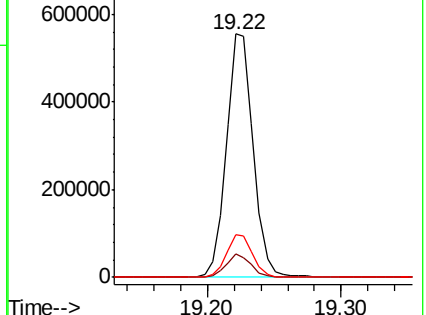
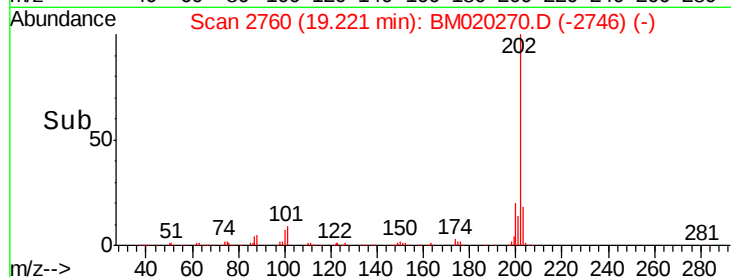
203 17.5 0.0 37.4



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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

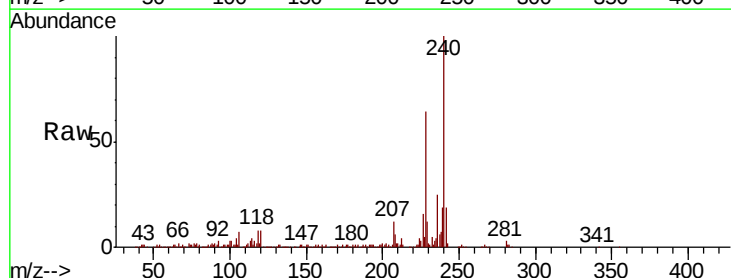
Tgt Ion:240 Resp: 291432

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

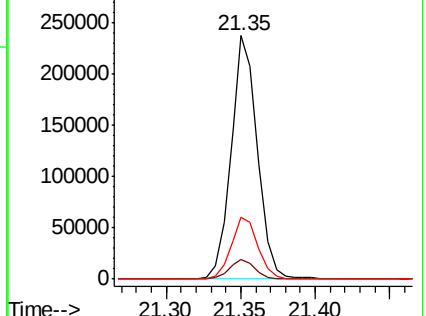
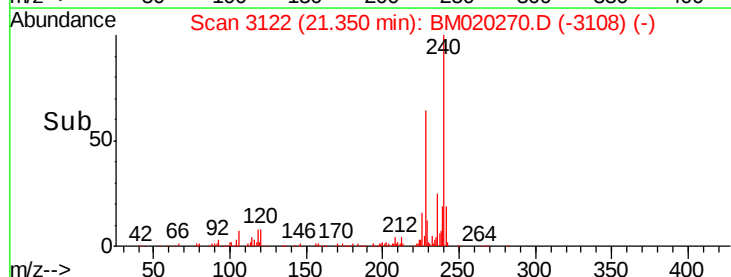
236 25.2 20.9 31.3

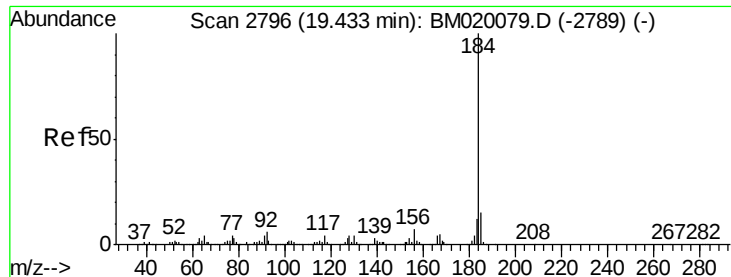


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.913 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

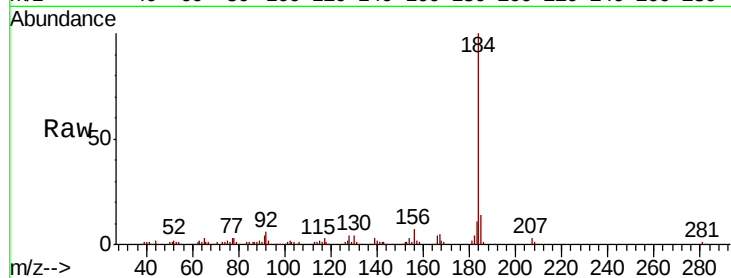
Tgt Ion:184 Resp: 241434

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

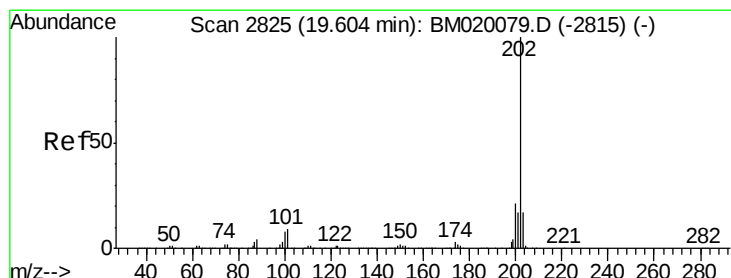
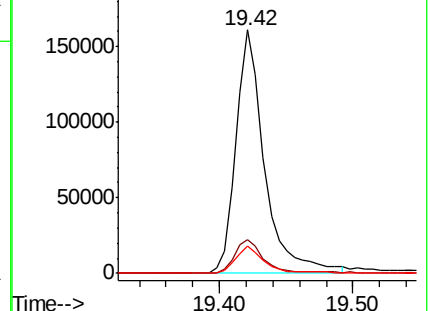
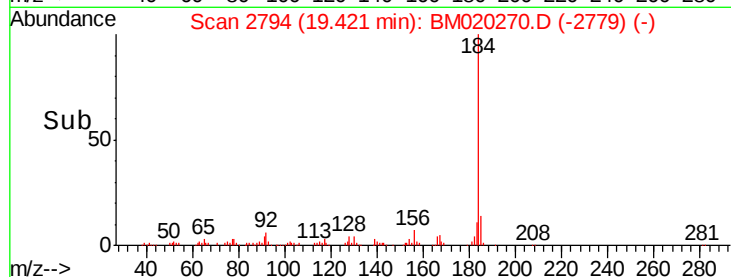
183 11.4 9.5 14.3



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: 41.546 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

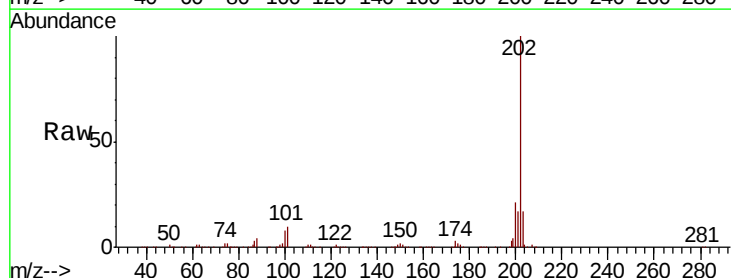
Tgt Ion:202 Resp: 812907

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

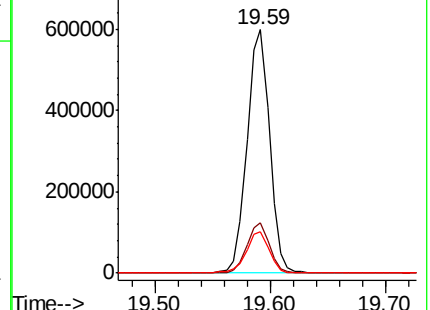
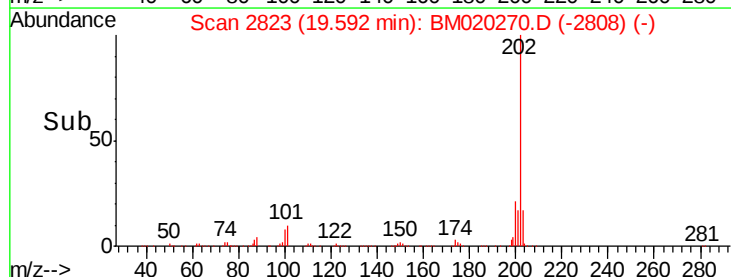
203 16.8 13.9 20.9

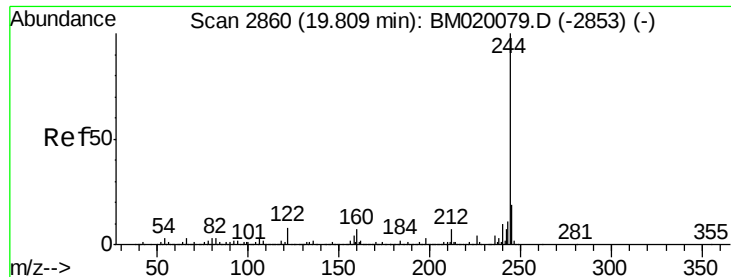


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.571 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

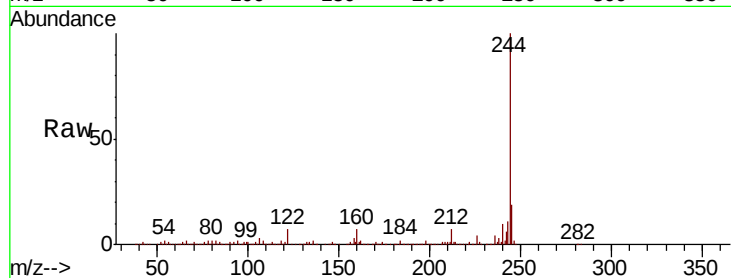
Tgt Ion:244 Resp: 1279386

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

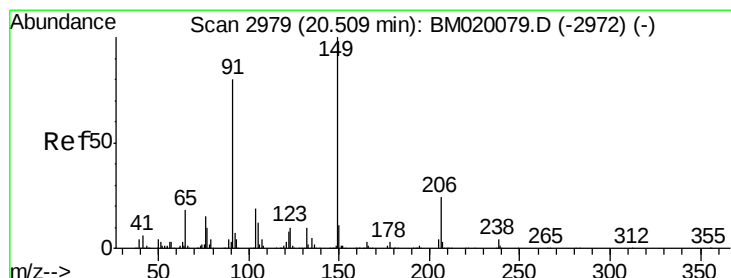
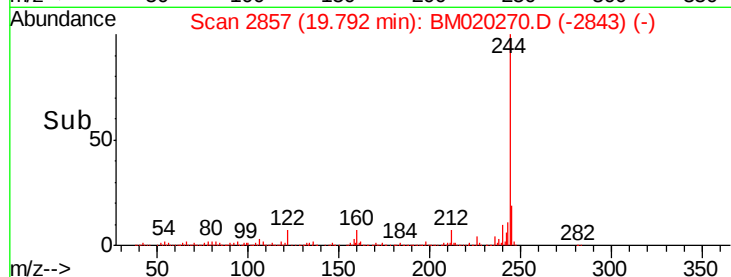
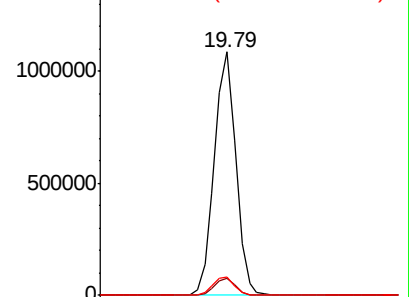
122 7.4 6.2 9.2



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: 45.363 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

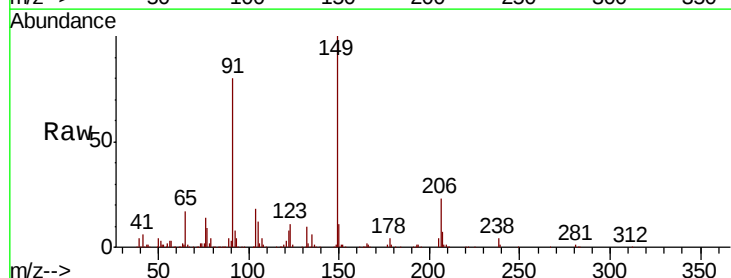
Tgt Ion:149 Resp: 322775

Ion Ratio Lower Upper

149 100

91 79.8 63.8 95.8

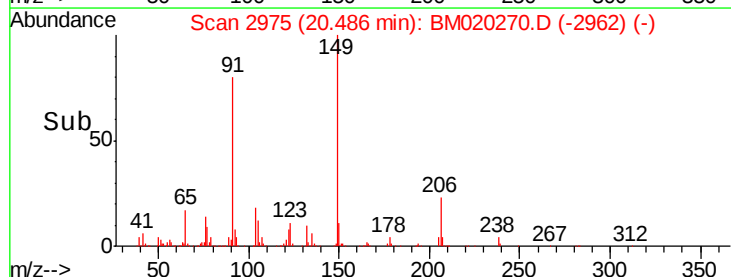
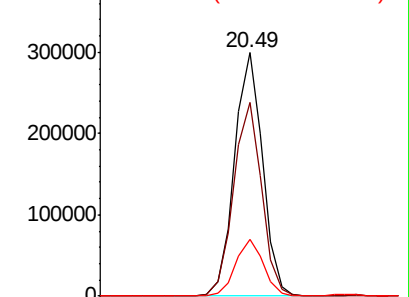
206 23.3 18.9 28.3

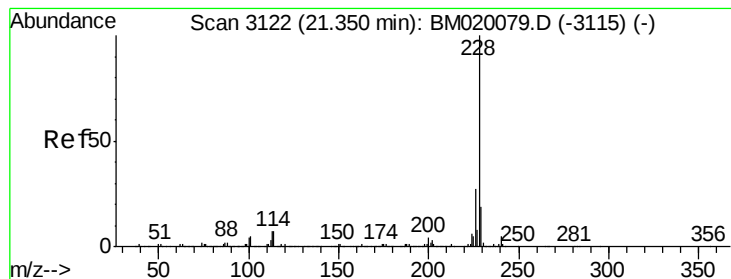


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.568 ng

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

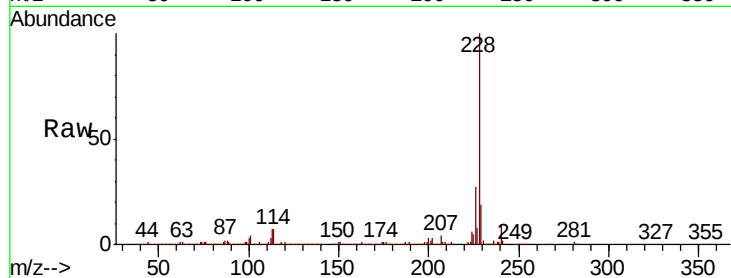
Tgt Ion: 228 Resp: 808690

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

229 19.4 15.5 23.3

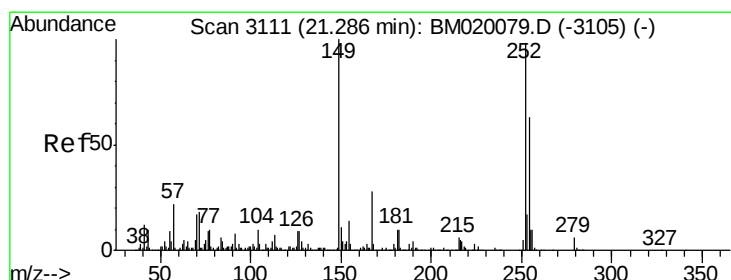
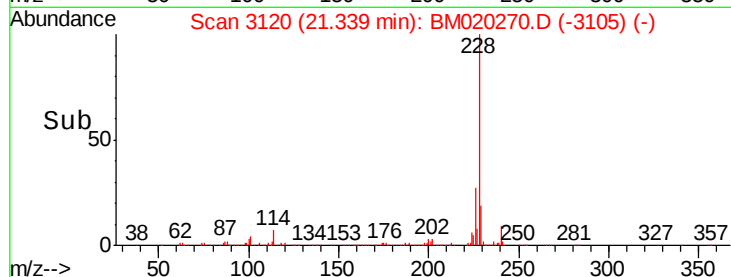
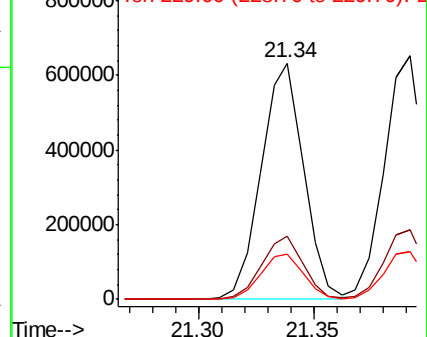


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.409 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

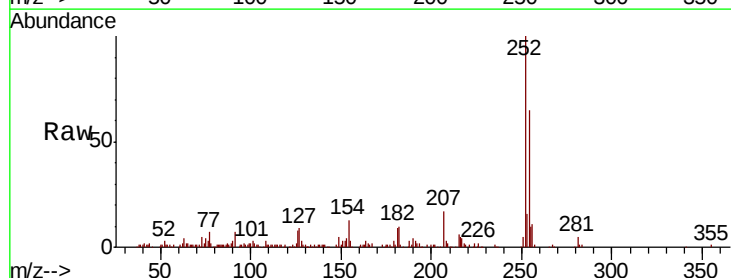
Tgt Ion: 252 Resp: 182604

Ion Ratio Lower Upper

252 100

254 64.5 51.1 76.7

126 7.9 7.1 10.7

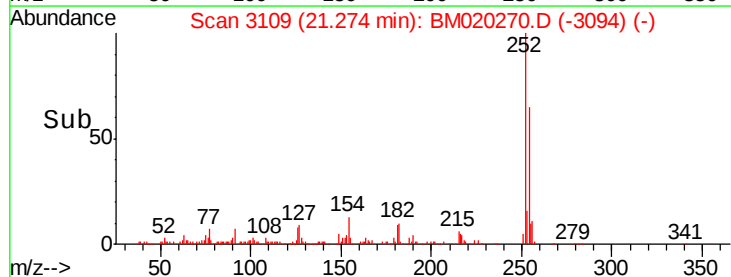
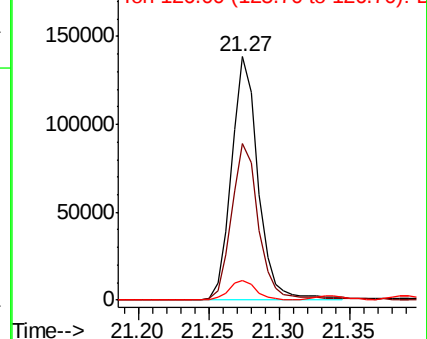


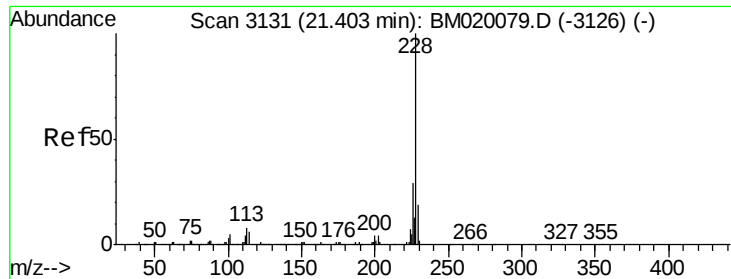
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.168 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

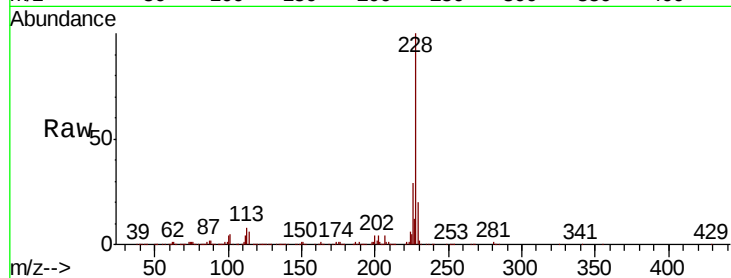
Tgt Ion:228 Resp: 816004

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

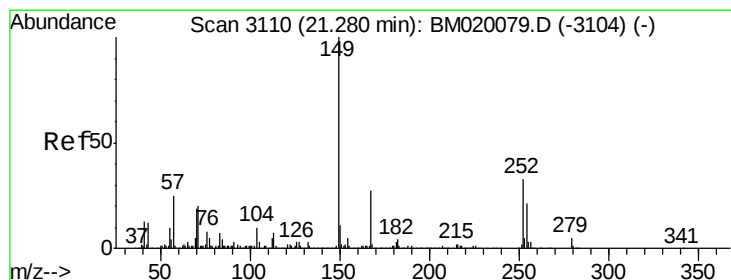
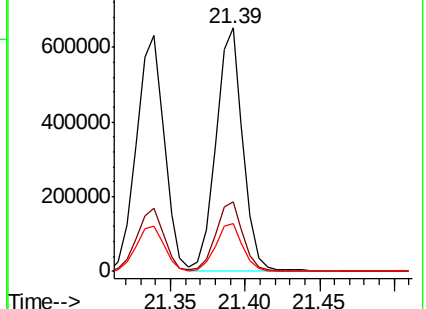
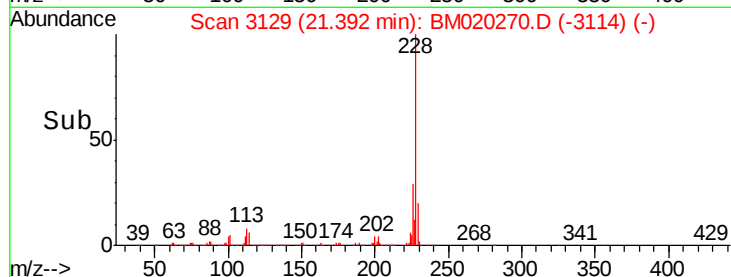
229 19.8 15.5 23.3



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: 41.900 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

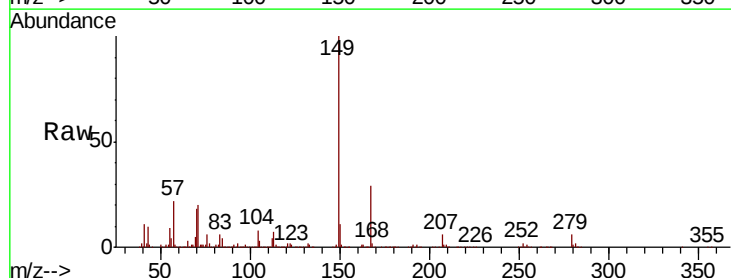
Tgt Ion:149 Resp: 462629

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.8

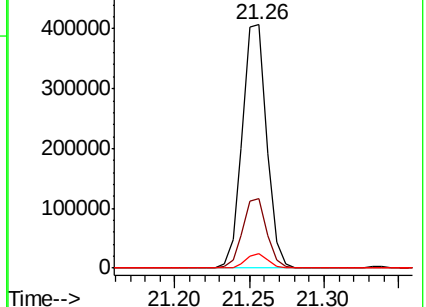
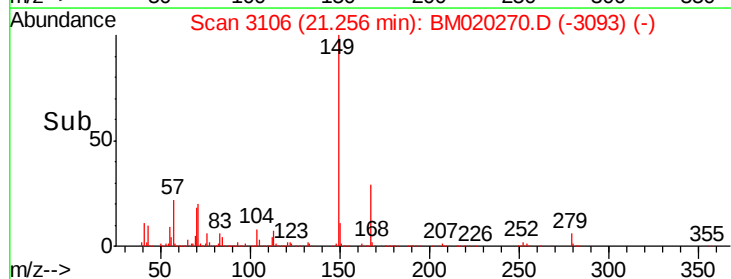
279 5.9 4.2 6.2

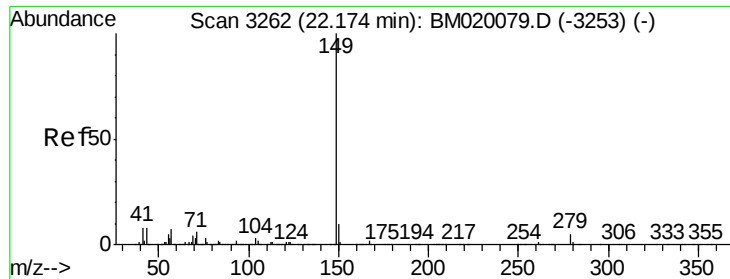


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

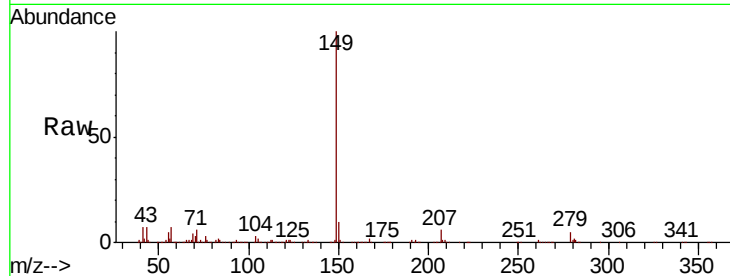




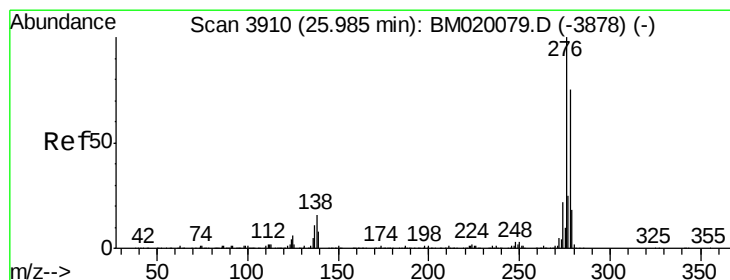
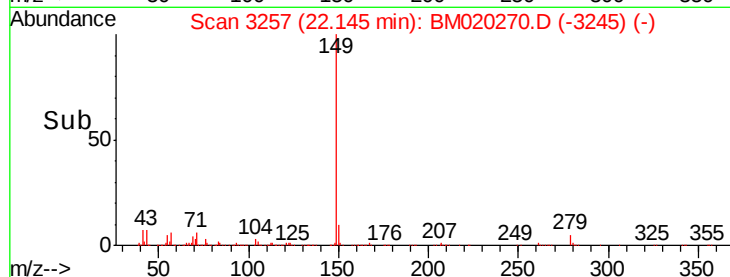
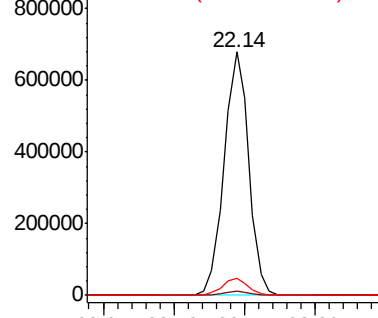
#85
Di-n-octyl phthalate
Concen: 45.375 ng
RT: 22.14 min Scan# 3257
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion:149 Resp: 832682
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 6.9 6.5 9.7

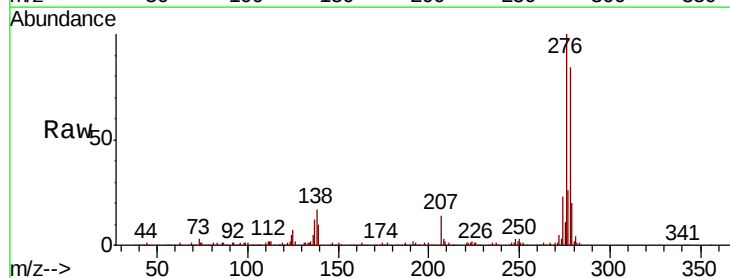


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

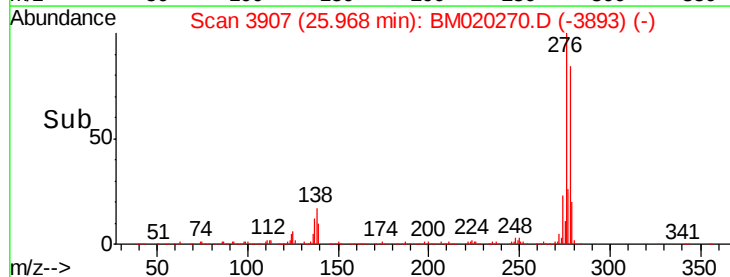
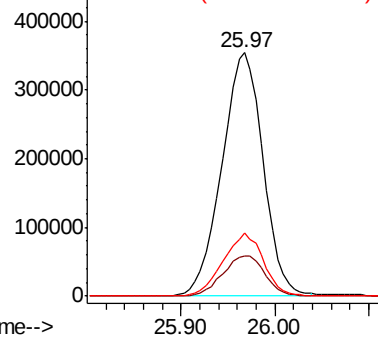


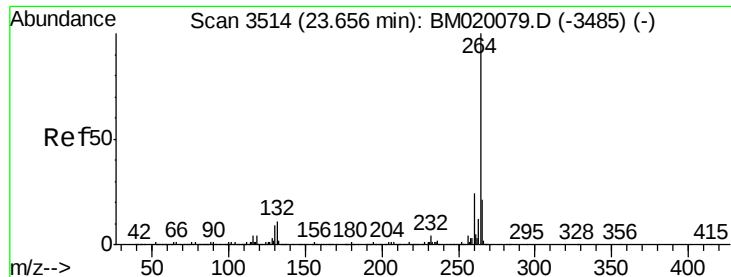
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.640 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:276 Resp: 1076064
Ion Ratio Lower Upper
276 100
138 17.0 0.0 0.0#
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

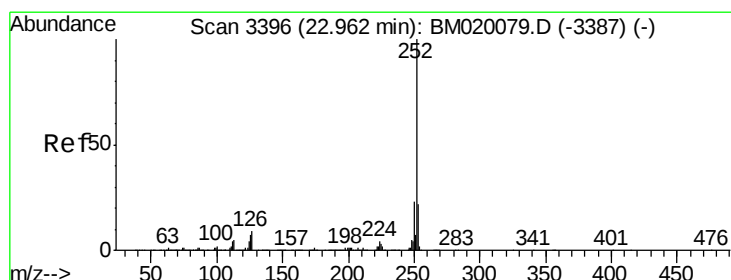
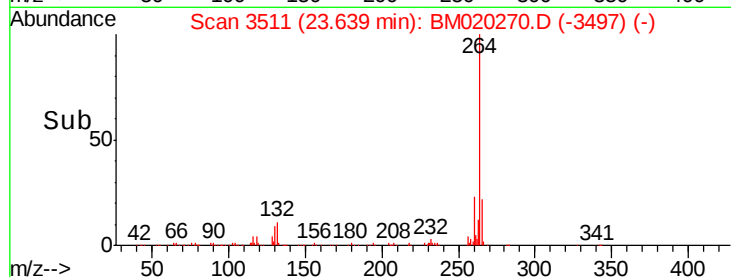
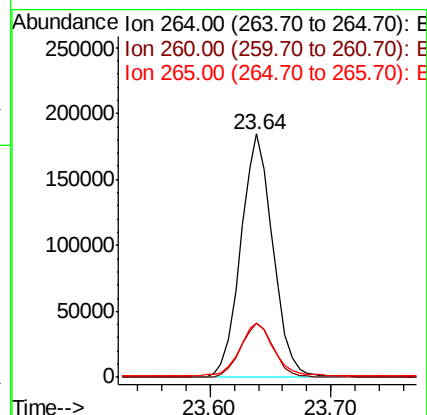
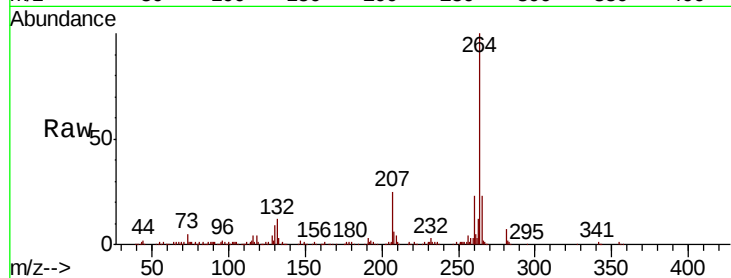




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

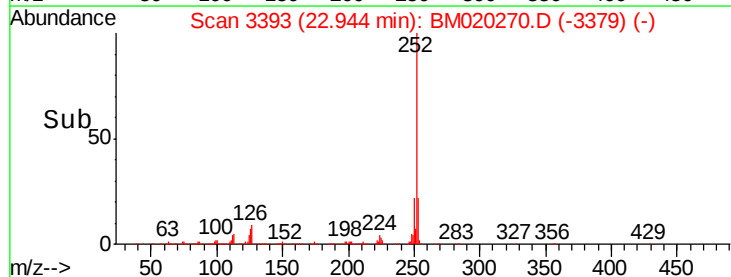
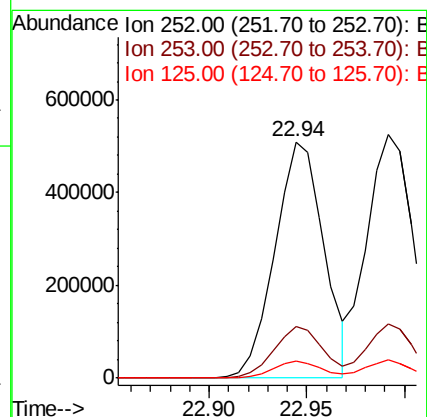
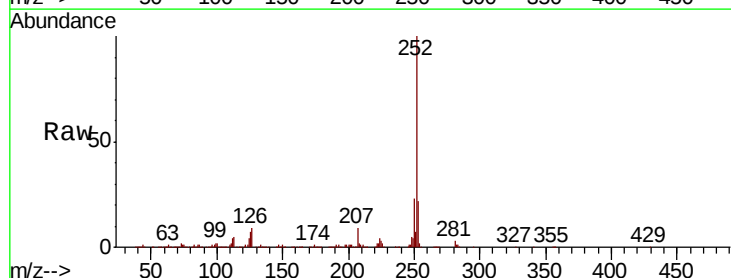
Instrument :
BNA_M
ClientSampleId :
PB119644BS

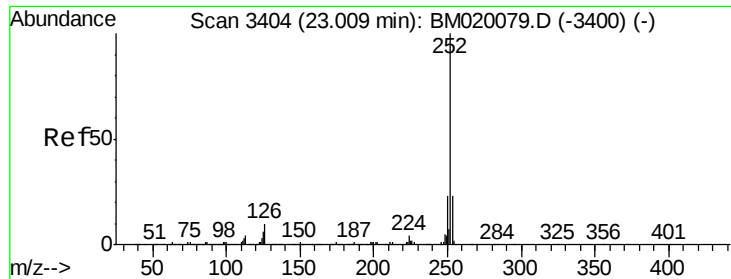
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.5	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 39.125 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.0	5.4	8.2

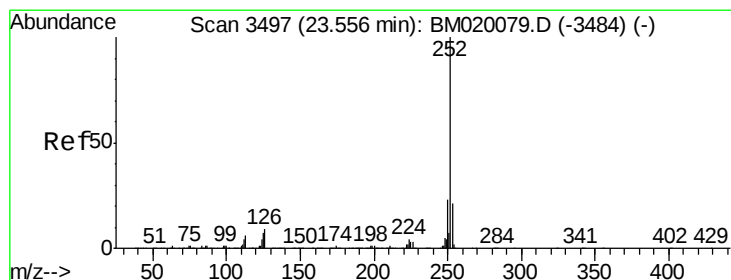
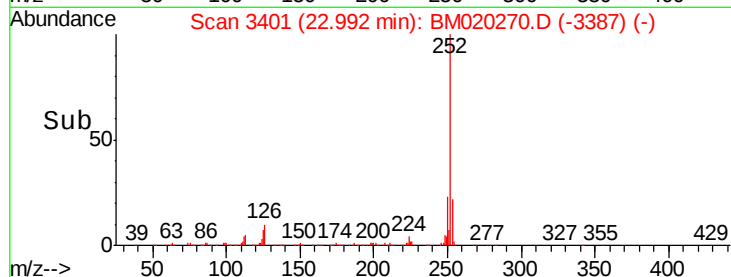
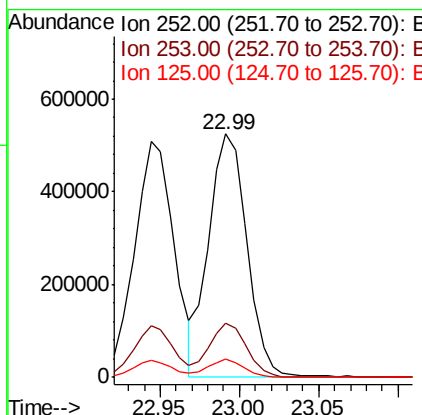
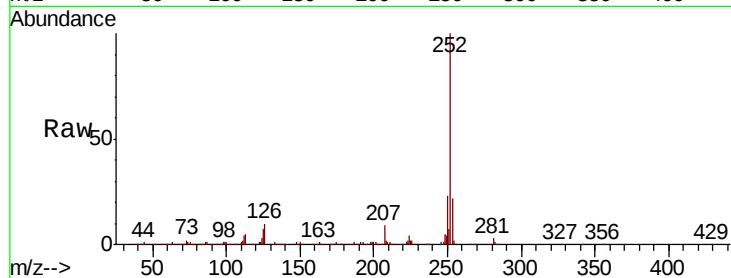




#89
Benzo(k)fluoranthene
Concen: 42.391 ng
RT: 22.99 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

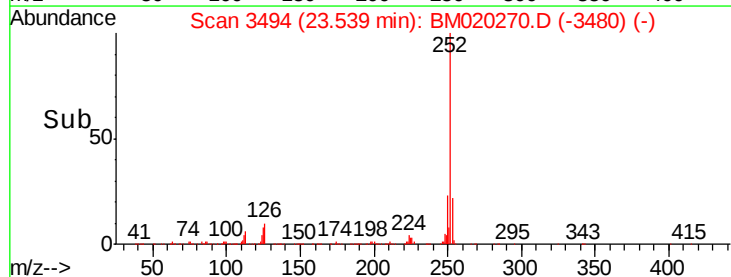
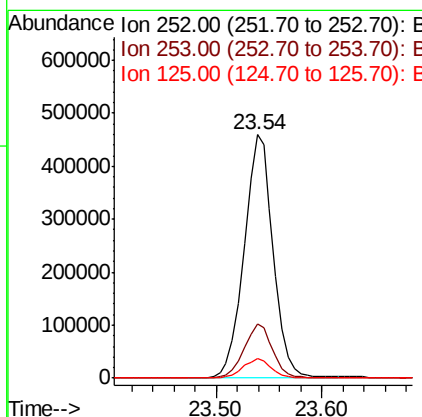
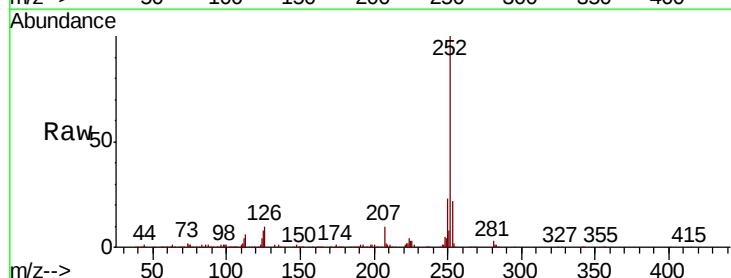
Instrument :
BNA_M
ClientSampleId :
PB119644BS

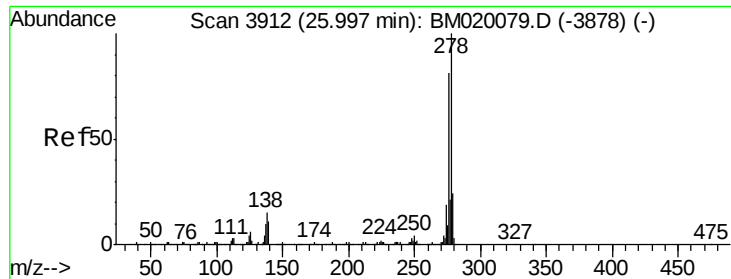
Tgt Ion: 252 Resp: 874984
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.4 5.4 8.0



#90
Benzo(a)pyrene
Concen: 42.395 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion: 252 Resp: 871352
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 7.9 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 43.345 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.02 min

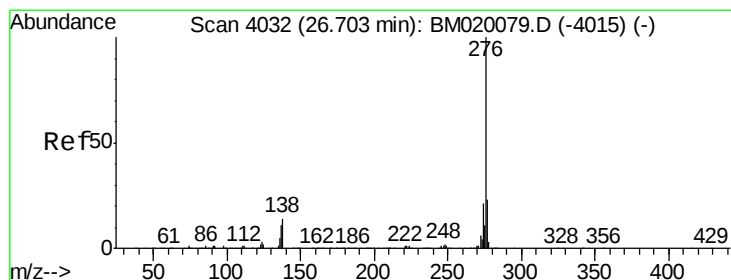
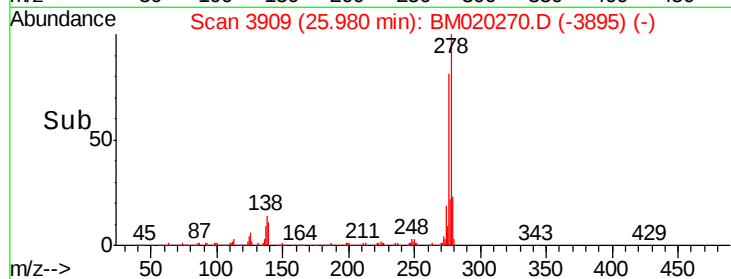
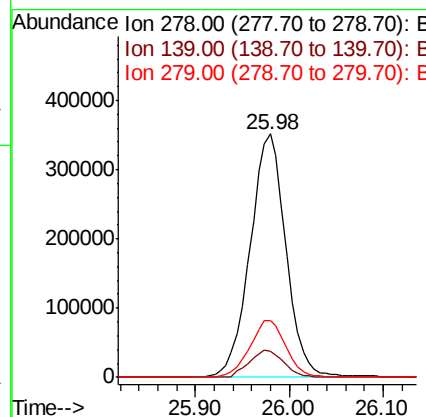
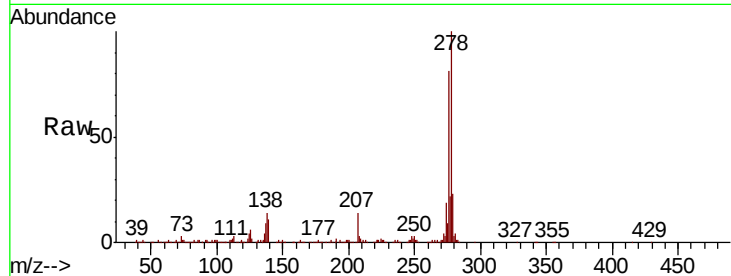
Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tgt Ion: 278 Resp: 926479

Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.6	13.0
279	23.4	18.8	28.2



#92

Benzo(g,h,i)perylene

Concen: 44.323 ng

RT: 26.69 min Scan# 4029

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion: 276 Resp: 899447

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.2	11.1	16.7

