

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020573.D
 Acq On : 28 May 2019 10:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 13:11:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	67510	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	251339	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	173408	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	438542	20.00	ng	0.00
76) Chrysene-d12	21.26	240	438666	20.00	ng	-0.01
87) Perylene-d12	23.50	264	450395	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	268139	77.92	ng	-0.01
7) Phenol-d6	6.83	99	396895	76.41	ng	-0.01
23) Nitrobenzene-d5	8.83	82	482722	80.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	254636	73.29	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1107699	80.15	ng	0.00
79) Terphenyl-d14	19.70	244	2197679	90.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	74001	41.095	ng	97
3) Pyridine	3.57	79	208734	39.365	ng	99
4) n-Nitrosodimethylamine	3.49	42	54492	42.671	ng	95
6) Aniline	6.99	93	281275	37.437	ng	98
8) 2-Chlorophenol	7.22	128	164613	39.120	ng	98
9) Benzaldehyde	6.81	77	129737	39.125	ng	99
10) Phenol	6.86	94	217142	38.716	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	155724	37.206	ng	98
12) 1,3-Dichlorobenzene	7.53	146	212466	39.427	ng	98
13) 1,4-Dichlorobenzene	7.69	146	208920	38.786	ng	98
14) 1,2-Dichlorobenzene	8.00	146	210528	38.986	ng	98
15) Benzyl Alcohol	7.91	79	168875	35.137	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	112159	38.448	ng	97
17) 2-Methylphenol	8.10	107	132665	35.828	ng	98
18) Hexachloroethane	8.71	117	88325	40.479	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	168769	36.594	ng	98
20) 3+4-Methylphenols	8.43	107	176473	35.538	ng	98
22) Acetophenone	8.49	105	273334	39.493	ng	98
24) Nitrobenzene	8.87	77	235529	39.827	ng	97
25) Isophorone	9.38	82	442040	39.672	ng	100
26) 2-Nitrophenol	9.57	139	82529	37.821	ng	97
27) 2,4-Dimethylphenol	9.63	122	124100	38.178	ng	96
28) bis(2-Chloroethoxy)methane	9.87	93	221865	38.251	ng	99
29) 2,4-Dichlorophenol	10.10	162	166394	38.488	ng	97
30) 1,2,4-Trichlorobenzene	10.30	180	238409	40.331	ng	99
31) Naphthalene	10.49	128	515161	39.696	ng	99
32) Benzoic acid	9.79	122	48588	27.771	ng	96
33) 4-Chloroaniline	10.63	127	183146	35.358	ng	99
34) Hexachlorobutadiene	10.75	225	188120	42.804	ng	98
35) Caprolactam	11.44	113	47402	33.314	ng	91
36) 4-Chloro-3-methylphenol	11.75	107	169960	36.126	ng	99
37) 2-Methylnaphthalene	12.12	142	371760	37.497	ng	100
38) 1-Methylnaphthalene	12.33	142	363166	37.806	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	300523	41.226	ng	99

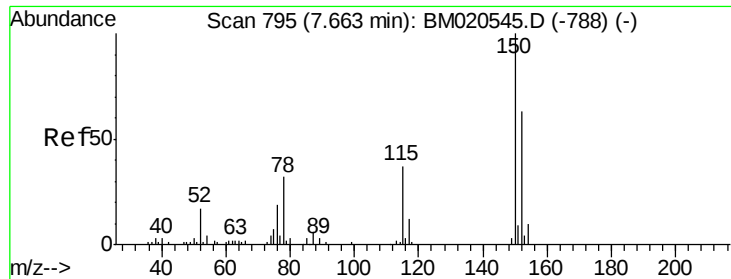
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020573.D
 Acq On : 28 May 2019 10:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 13:11:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	139196	43.222	ng	97
43) 2,4,6-Trichlorophenol	12.74	196	176154	39.049	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	155838	36.993	ng	99
46) 1,1'-Biphenyl	13.14	154	526717	39.439	ng	100
47) 2-Chloronaphthalene	13.19	162	450055	39.752	ng	99
48) 2-Nitroaniline	13.42	65	121799	35.879	ng	92
49) Acenaphthylene	14.03	152	666591	38.717	ng	99
50) Dimethylphthalate	13.78	163	590009	38.413	ng	100
51) 2,6-Dinitrotoluene	13.92	165	121691	38.013	ng	97
52) Acenaphthene	14.37	154	399744	38.528	ng	100
53) 3-Nitroaniline	14.26	138	92063	34.102	ng	95
54) 2,4-Dinitrophenol	14.47	184	60131	35.827	ng	98
55) Dibenzofuran	14.72	168	687014	38.265	ng	99
56) 4-Nitrophenol	14.58	139	61659	34.838	ng	100
57) 2,4-Dinitrotoluene	14.71	165	167841	36.306	ng	# 89
58) Fluorene	15.37	166	561512	37.649	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	182086	37.147	ng	98
60) Diethylphthalate	15.14	149	579464	38.291	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	365907	38.430	ng	99
62) 4-Nitroaniline	15.43	138	78766	29.271	ng	98
63) Azobenzene	15.66	77	572431	38.873	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	96252	36.409	ng	96
66) n-Nitrosodiphenylamine	15.59	169	483095	40.627	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	239007	40.911	ng	98
68) Hexachlorobenzene	16.36	284	290778	41.051	ng	98
69) Atrazine	16.54	200	202866	41.466	ng	99
70) Pentachlorophenol	16.72	266	142458	38.936	ng	99
71) Phenanthrene	17.11	178	933853	39.198	ng	99
72) Anthracene	17.20	178	879110	38.050	ng	100
73) Carbazole	17.49	167	719921	36.309	ng	99
74) Di-n-butylphthalate	18.03	149	970907	39.807	ng	99
75) Fluoranthene	19.13	202	1213746	36.636	ng	99
77) Benzidine	19.34	184	281243	34.887	ng	99
78) Pyrene	19.50	202	1229611	44.649	ng	100
80) Butylbenzylphthalate	20.40	149	418935	43.295	ng	99
81) Benzo(a)anthracene	21.25	228	1190669	39.218	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	417087	37.638	ng	100
83) Chrysene	21.30	228	1160924	39.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	599087	42.479	ng	98
85) Di-n-octyl phthalate	22.04	149	977675	39.877	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1341870	37.830	ng	99
88) Benzo(b)fluoranthene	22.83	252	1124762	38.155	ng	99
89) Benzo(k)fluoranthene	22.87	252	1147868	40.120	ng	99
90) Benzo(a)pyrene	23.41	252	1062959	39.184	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1133287	40.812	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1076457	41.819	ng	99

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

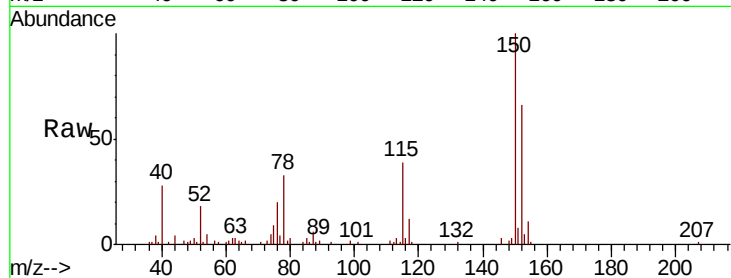


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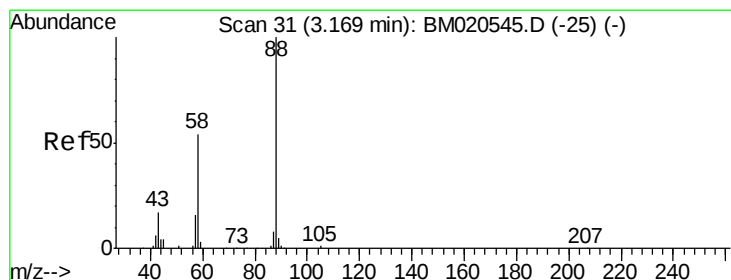
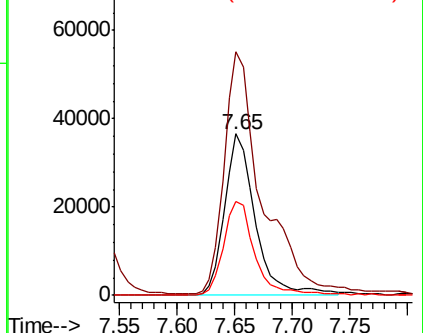
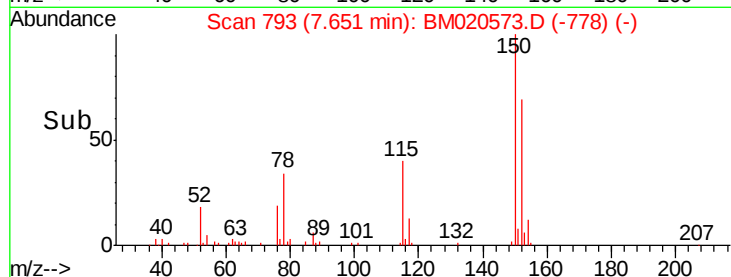
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 67510
Ion Ratio Lower Upper
152 100
150 150.9 126.6 190.0
115 58.6 46.6 70.0



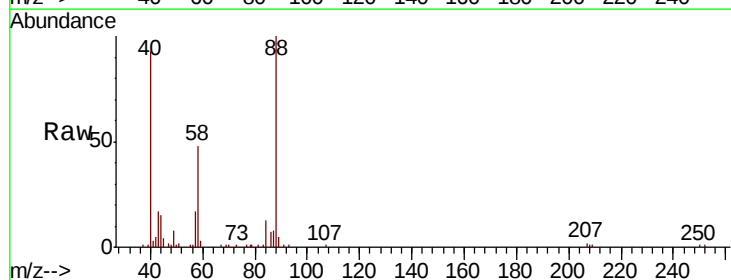
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



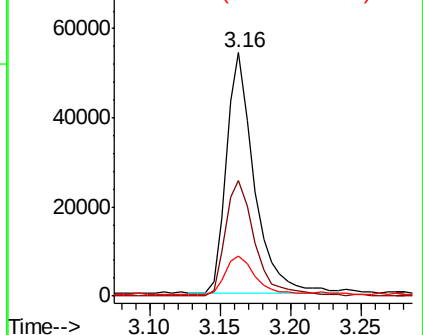
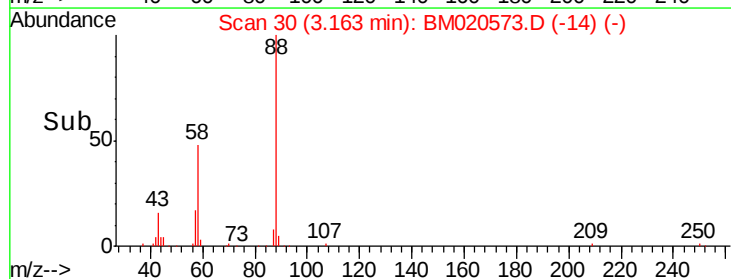
#2

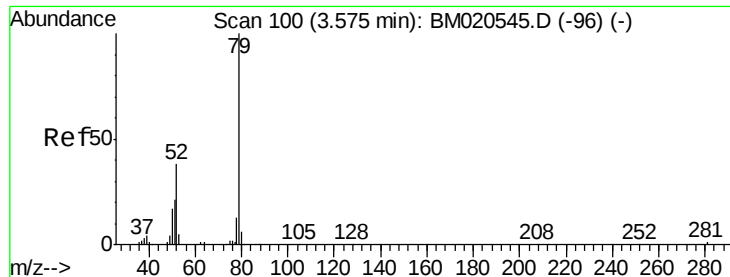
1,4-Dioxane
Concen: 41.095 ng
RT: 3.16 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion: 88 Resp: 74001
Ion Ratio Lower Upper
88 100
58 51.2 42.3 63.5
43 17.4 16.0 24.0



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





#3

Pvridine

Concen: 39.365 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

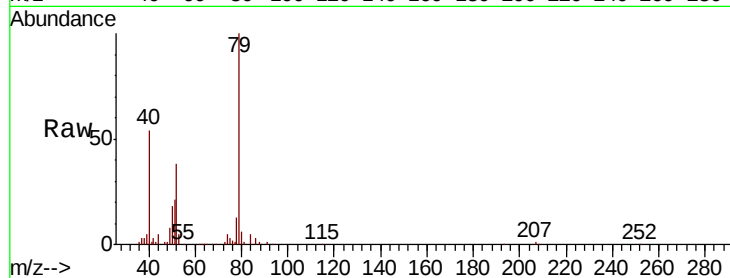
Tot Ion: 79 Resp: 208734

Ion Ratio Lower Upper

79 100

52 37.8 30.1 45.1

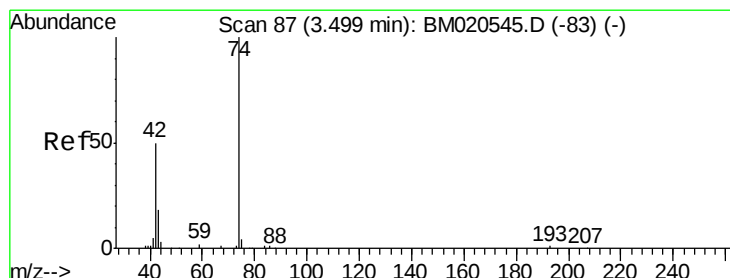
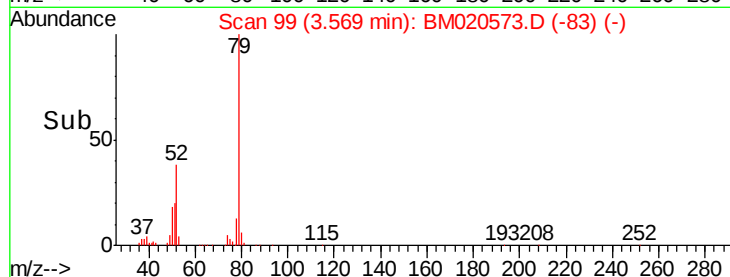
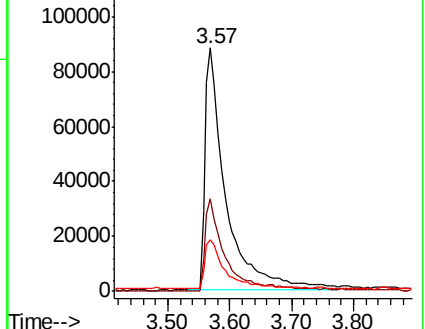
51 21.0 17.8 26.8



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020545.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 42.671 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

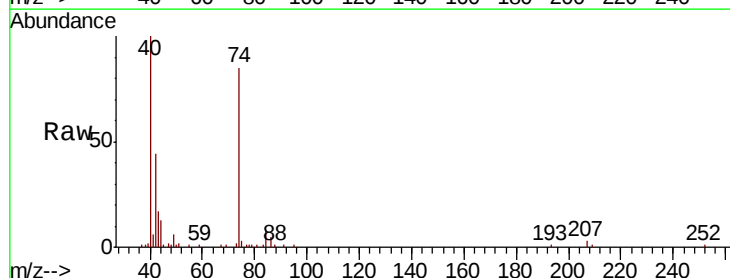
Tgt Ion: 42 Resp: 54492

Ion Ratio Lower Upper

42 100

74 192.9 161.1 241.7

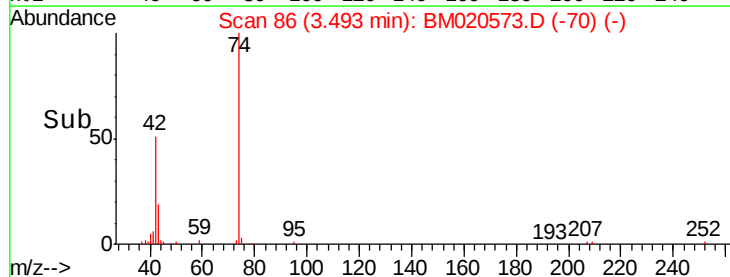
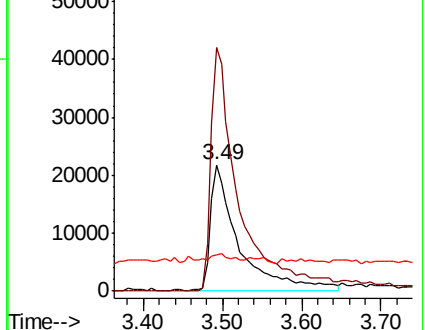
44 28.6 20.9 31.3

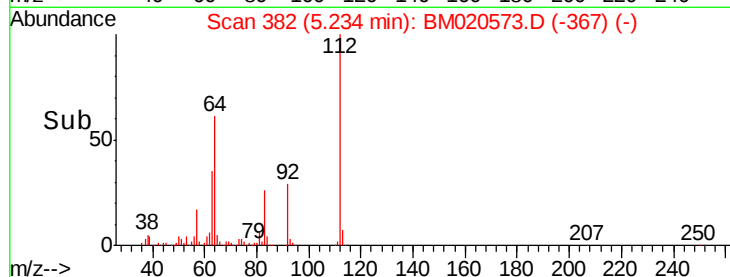
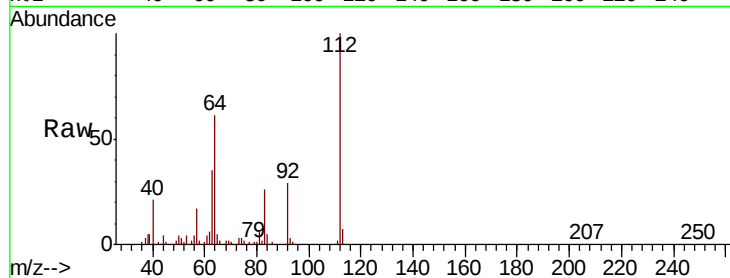
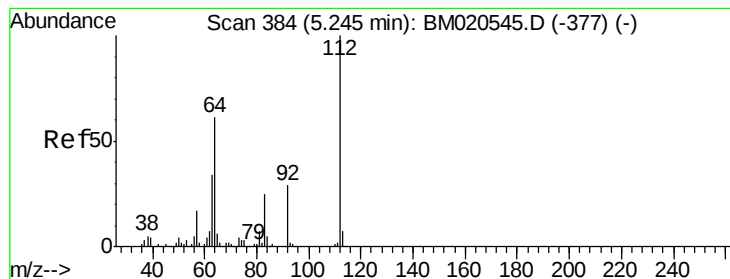


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020545.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020545.D (-83) (-)





#5

2-Fluorophenol

Concen: 77.920 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

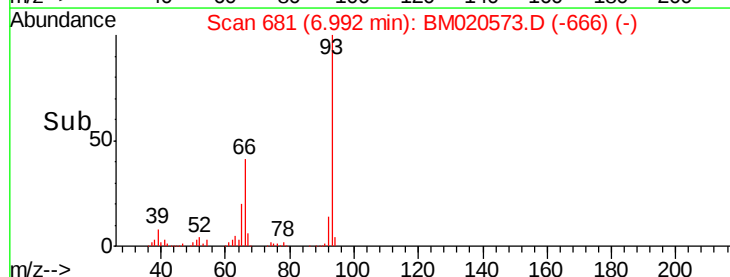
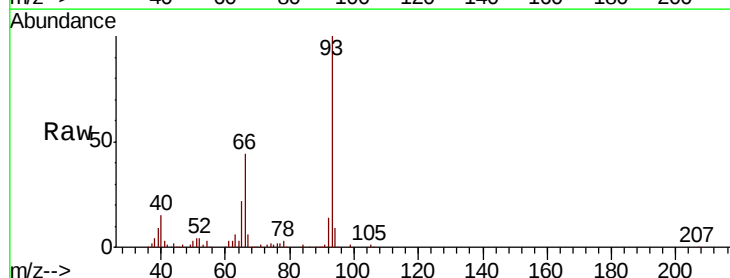
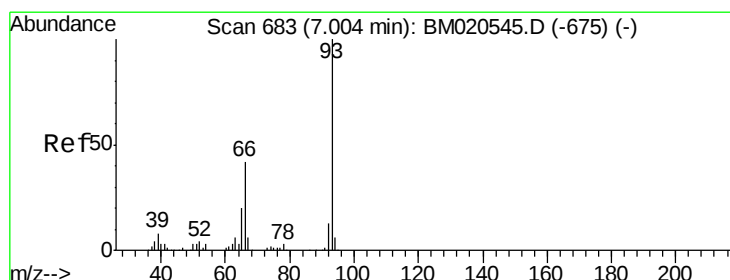
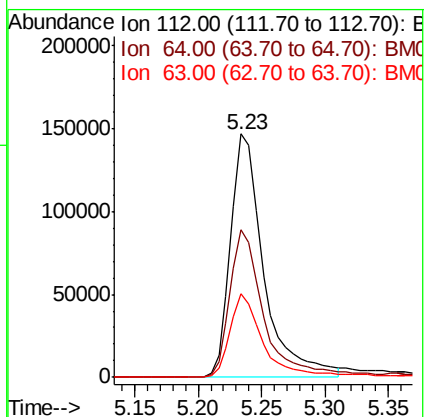
Tot Ion:112 Resp: 268139

Ion Ratio Lower Upper

112 100

64 60.7 48.6 73.0

63 34.6 27.4 41.0



#6

Aniline

Concen: 37.437 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

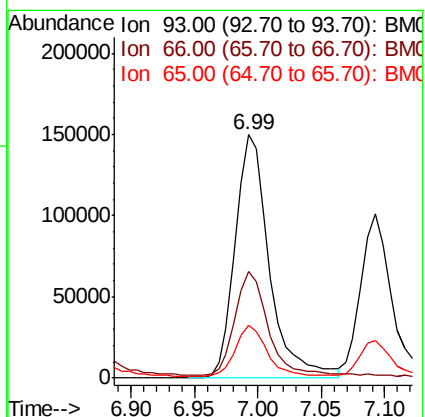
Tgt Ion: 93 Resp: 281275

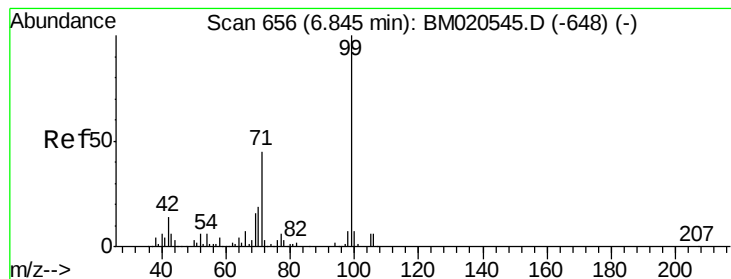
Ion Ratio Lower Upper

93 100

66 44.0 34.5 51.7

65 21.7 16.2 24.2





#7

Phenol-d6

Concen: 76.415 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

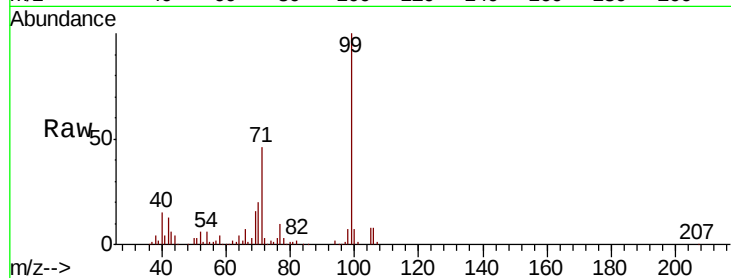
Tot Ion: 99 Resp: 396895

Ion Ratio Lower Upper

99 100

42 13.3 10.8 16.2

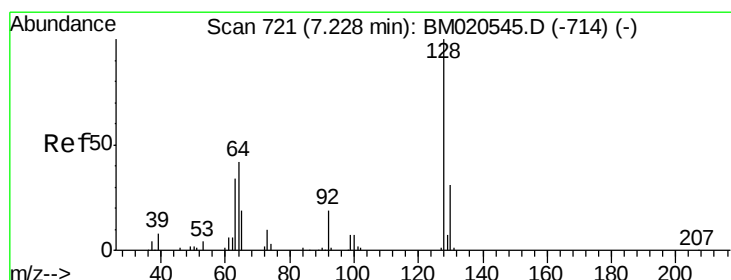
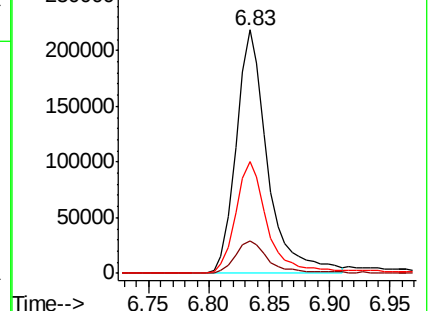
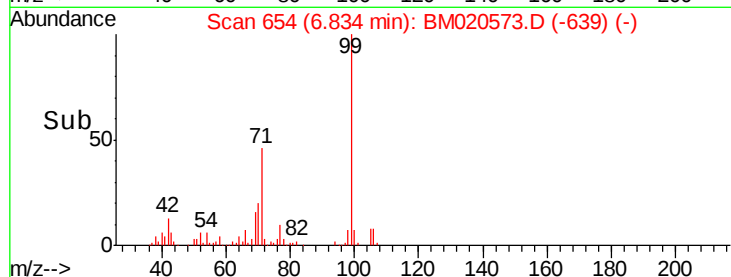
71 45.7 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#8

2-Chlorophenol

Concen: 39.120 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

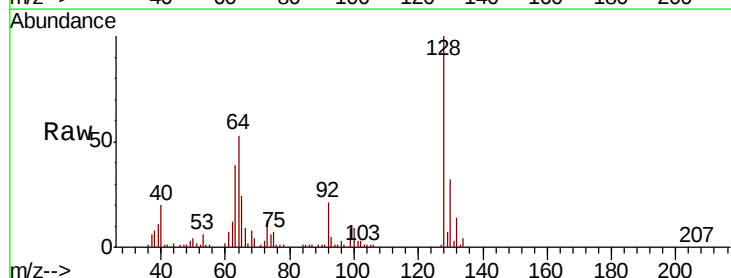
Tgt Ion: 128 Resp: 164613

Ion Ratio Lower Upper

128 100

130 32.3 11.2 51.2

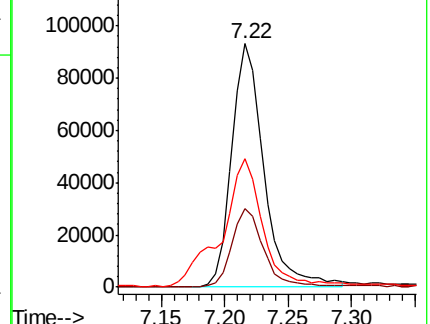
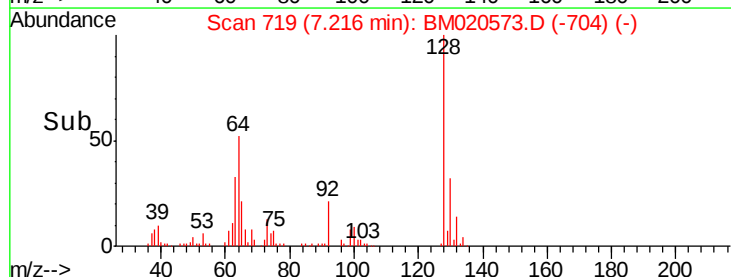
64 52.7 31.1 71.1

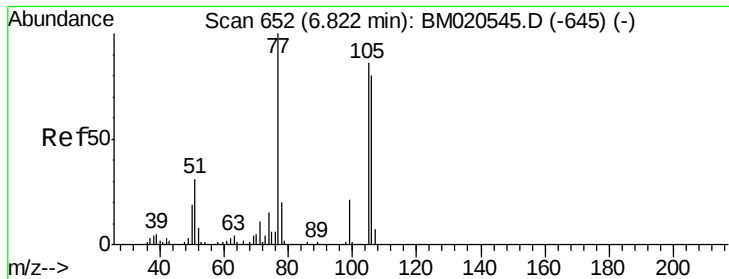


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM020545.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM020545.D (-714) (-)





#9

Benzaldehyde

Concen: 39.125 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

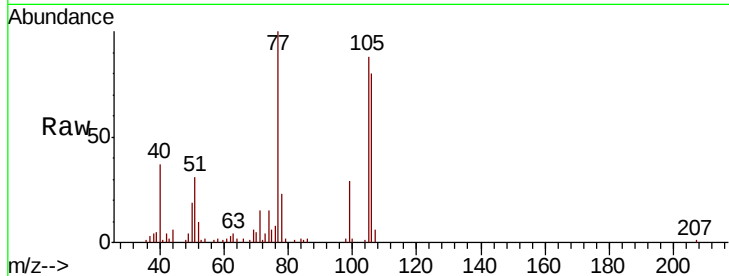
Tot Ion: 77 Resp: 129737

Ion Ratio Lower Upper

77 100

105 88.0 66.1 106.1

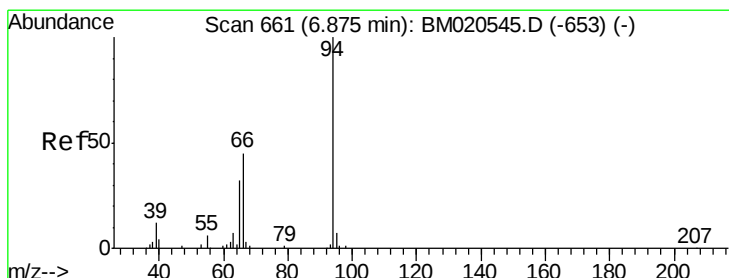
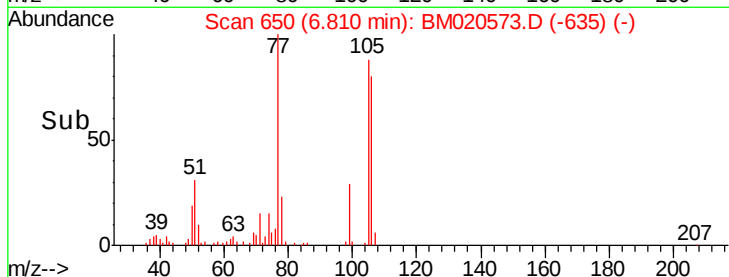
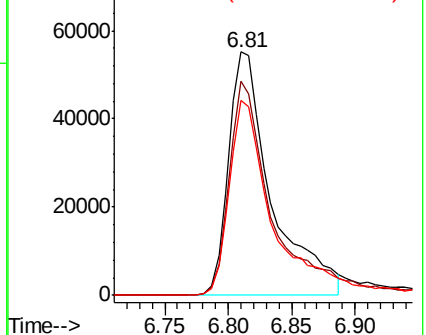
106 80.3 60.0 100.0



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)



#10

Phenol

Concen: 38.716 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

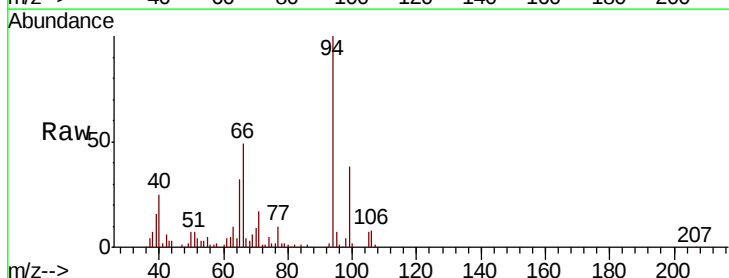
Tgt Ion: 94 Resp: 217142

Ion Ratio Lower Upper

94 100

65 31.9 12.4 52.4

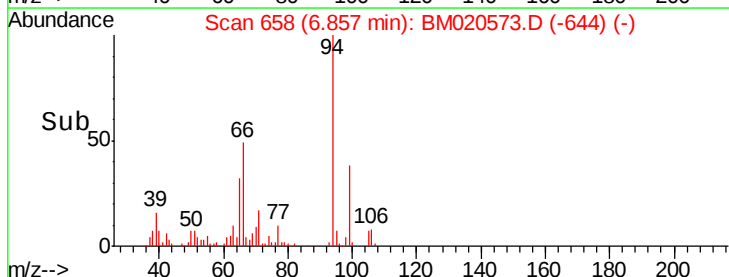
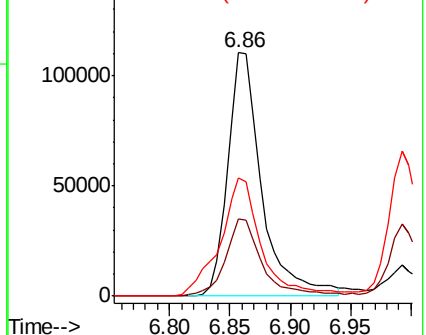
66 48.7 27.4 67.4

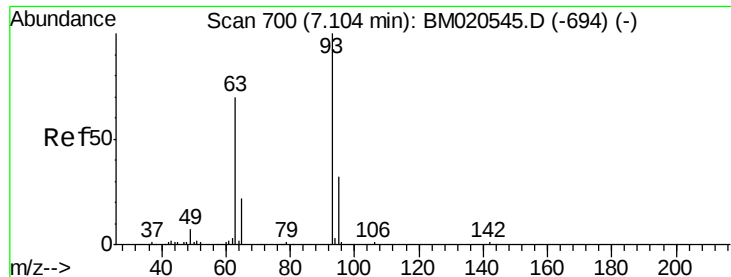


Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)





#11

bis(2-Chloroethyl)ether

Concen: 37.206 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

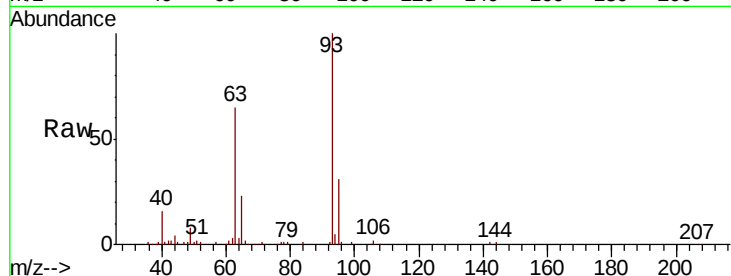
Tot Ion: 93 Resp: 155724

Ion Ratio Lower Upper

93 100

63 65.4 47.6 87.6

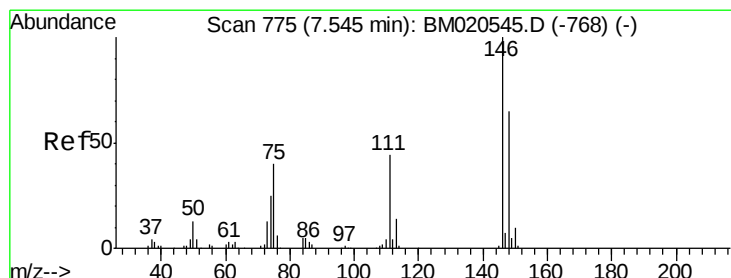
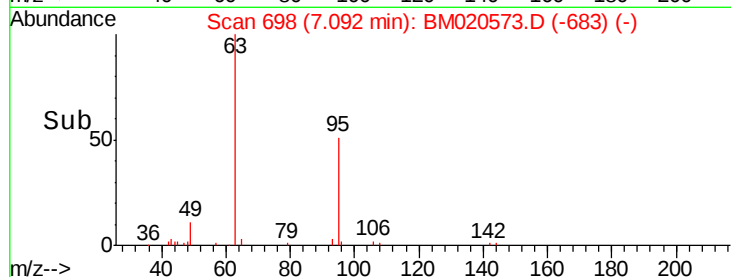
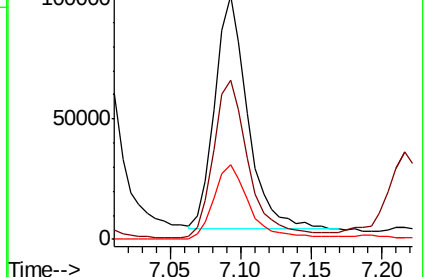
95 30.7 10.9 50.9



Abundance Ion 93.00 (92.70 to 93.70): BM020545.D (-694) (-)

Ion 63.00 (62.70 to 63.70): BM020545.D (-694) (-)

Ion 95.00 (94.70 to 95.70): BM020545.D (-694) (-)



#12

1,3-Dichlorobenzene

Concen: 39.427 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

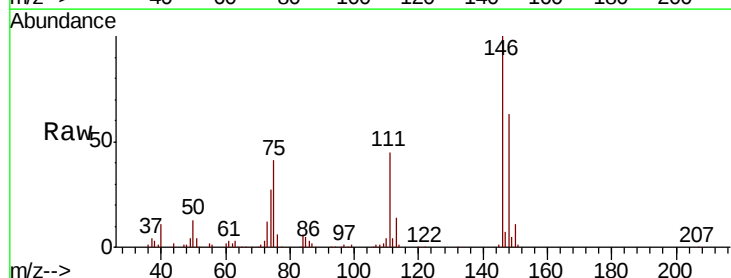
Tgt Ion: 146 Resp: 212466

Ion Ratio Lower Upper

146 100

148 62.9 51.9 77.9

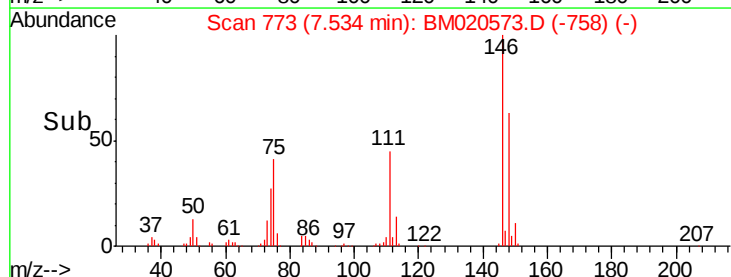
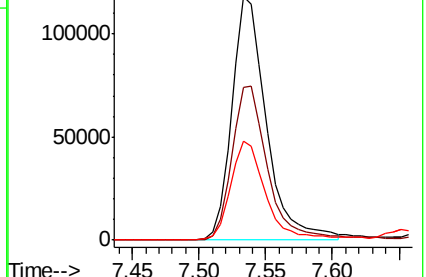
75 40.5 31.6 47.4

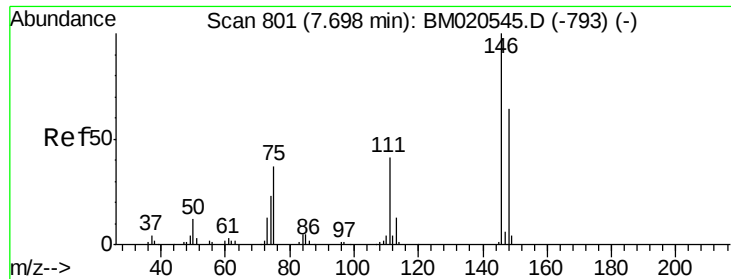


Abundance Ion 146.00 (145.70 to 146.70): BM020545.D (-768) (-)

Ion 148.00 (147.70 to 148.70): BM020545.D (-768) (-)

Ion 75.00 (74.70 to 75.70): BM020545.D (-768) (-)

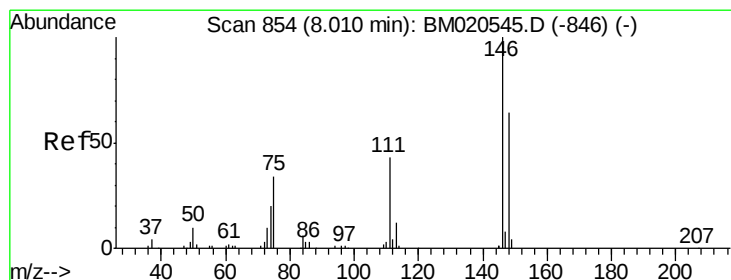
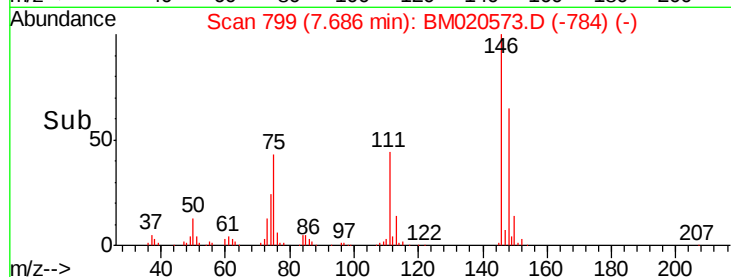
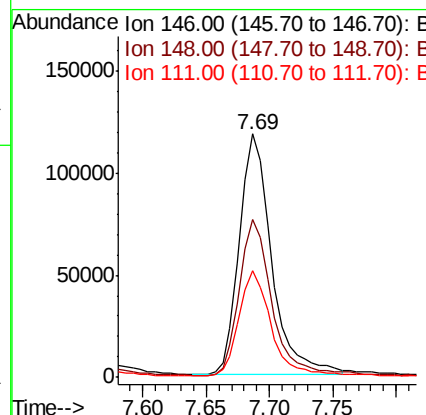
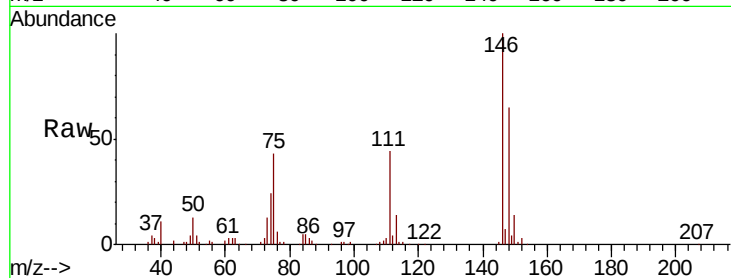




#13
 1,4-Dichlorobenzene
 Concen: 38.786 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

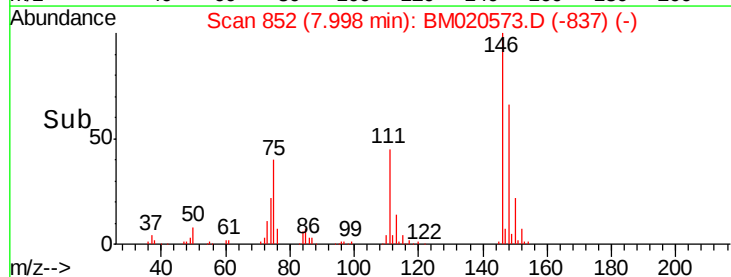
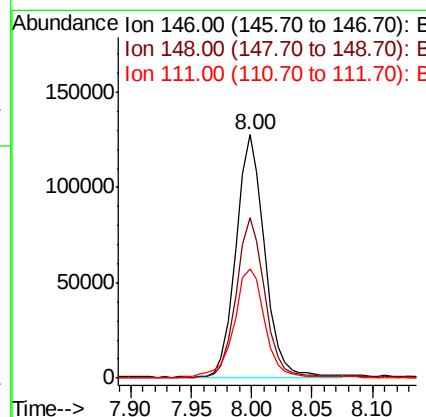
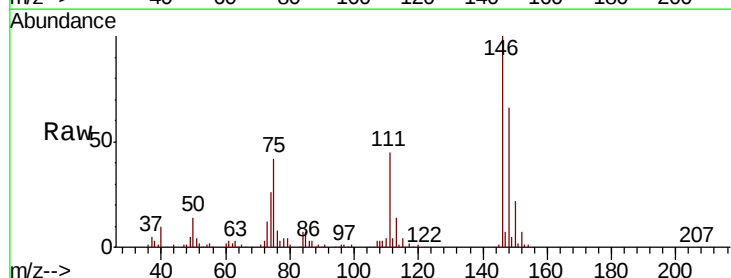
Instrument :
 BNA_M
 ClientSampleId :

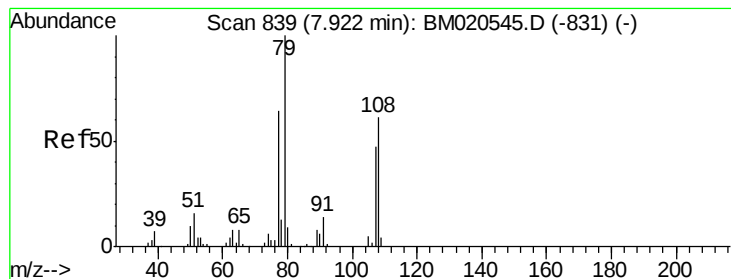
Tot Ion:146 Resp: 208920
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.1 76.7
 111 43.6 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 38.986 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:146 Resp: 210528
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.2 76.8
 111 45.1 35.2 52.8





#15

Benzyl Alcohol

Concen: 35.137 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

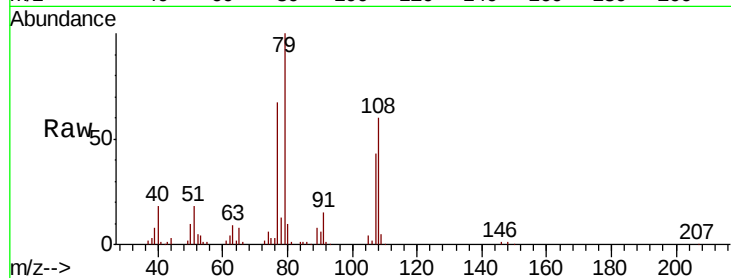
Tot Ion: 79 Resp: 168875

Ion Ratio Lower Upper

79 100

108 60.4 48.5 72.7

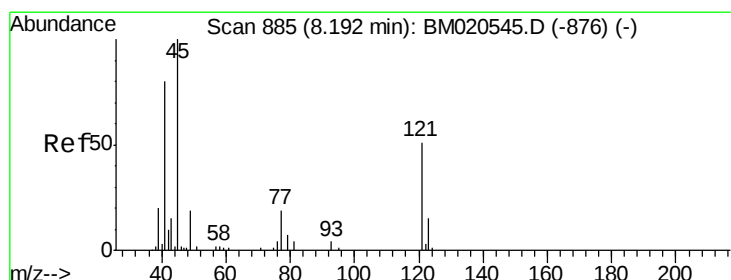
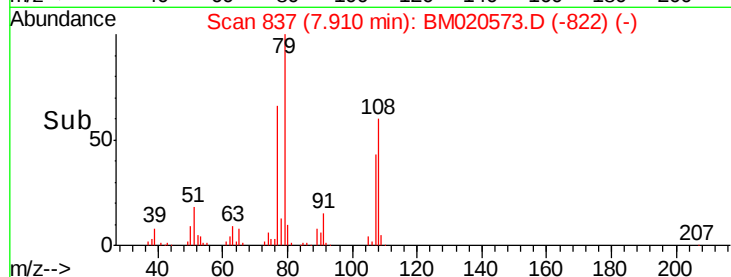
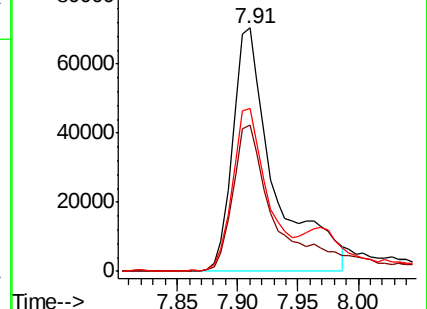
77 66.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM020545.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.448 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

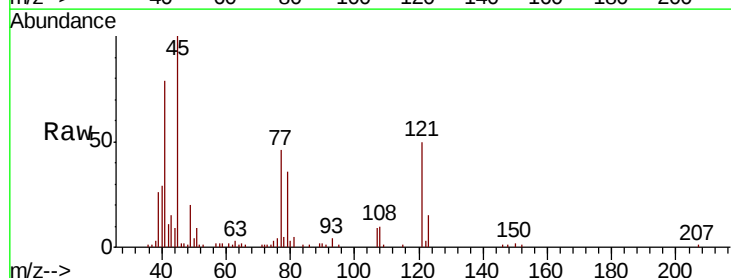
Tgt Ion: 45 Resp: 112159

Ion Ratio Lower Upper

45 100

77 46.5 25.0 65.0

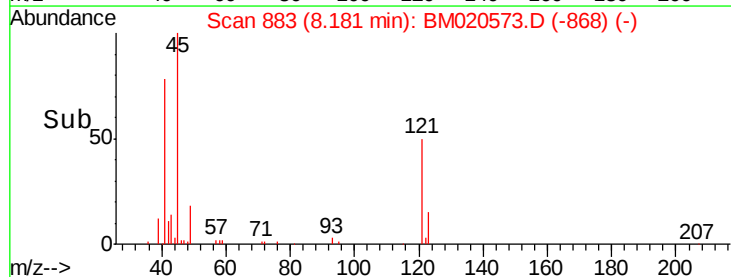
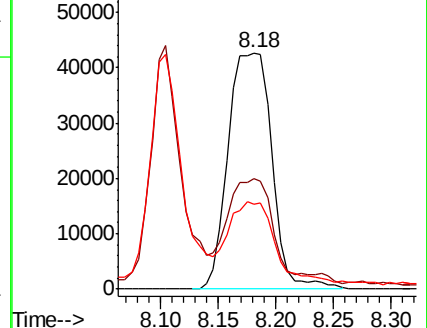
79 35.8 13.1 53.1

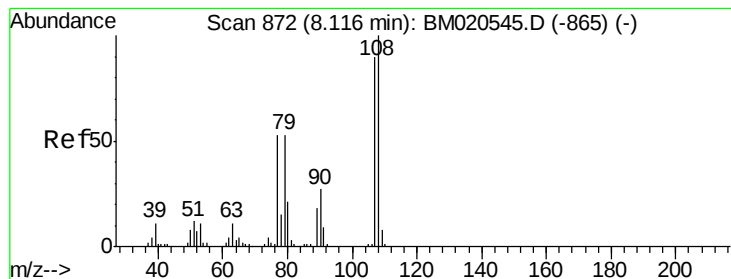


Abundance Ion 45.00 (44.70 to 45.70): BM020545.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM020545.D (-876) (-)

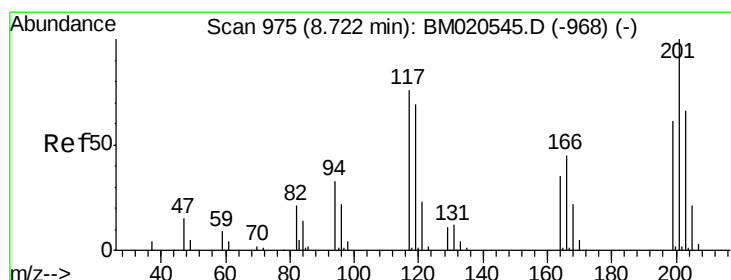
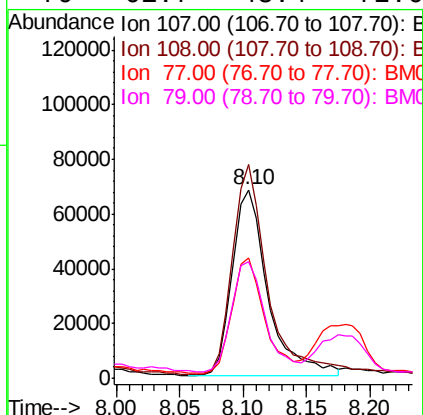
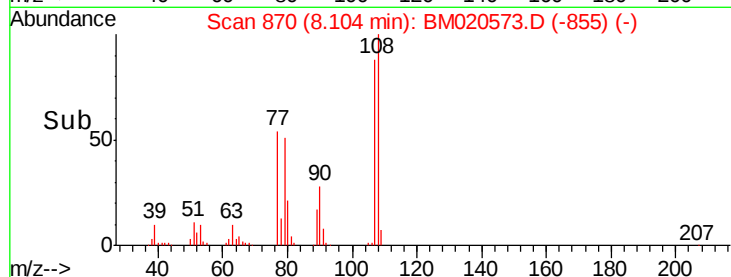
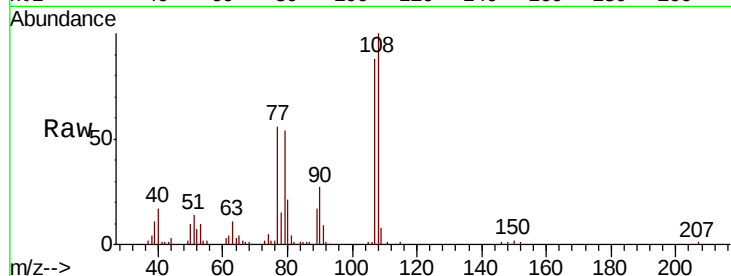




#17
2-Methylphenol
Concen: 35.828 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

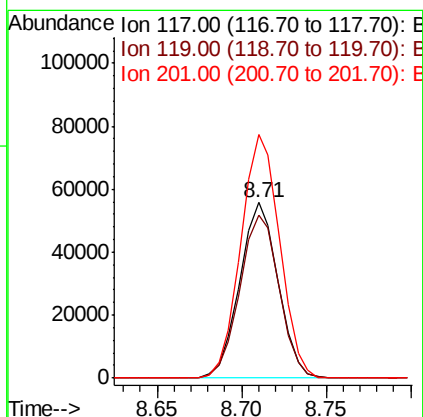
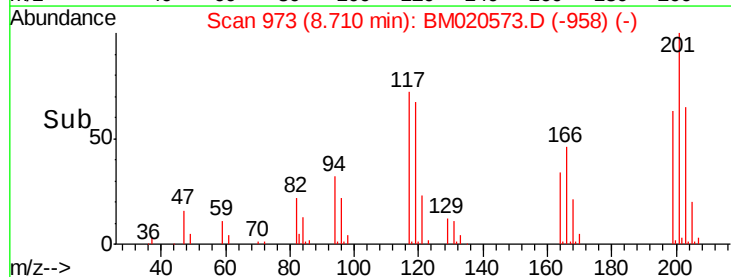
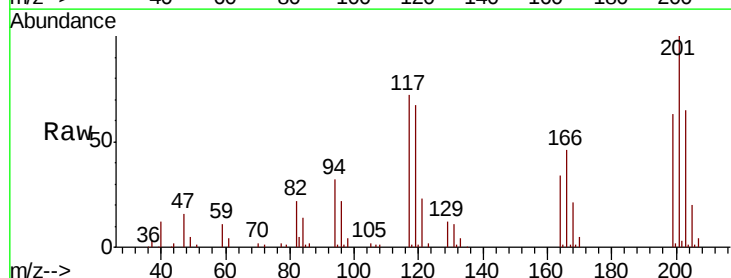
Instrument :
BNA_M
ClientSampled :

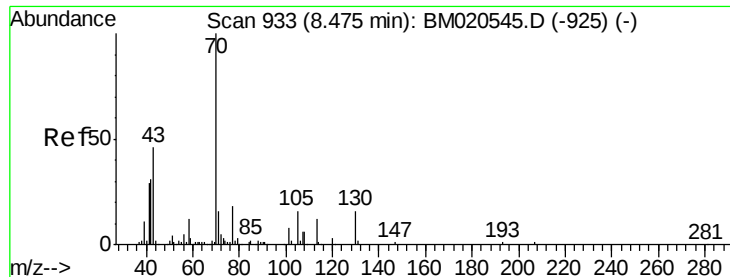
Tot Ion:	107	Resp:	132665
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	63.9	48.2	72.4
79	61.7	48.4	72.6



#18
Hexachloroethane
Concen: 40.479 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:	117	Resp:	88325
Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.2	109.8
201	138.6	105.8	158.8

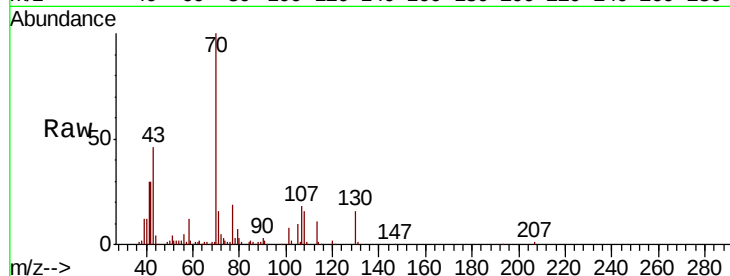




#19
n-Nitroso-di-n-propylamine
Concen: 36.594 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	168769
Ion	Ratio	Lower	Upper
70	100		
42	29.7	24.7	37.1
101	8.2	6.8	10.2
130	15.8	13.1	19.7



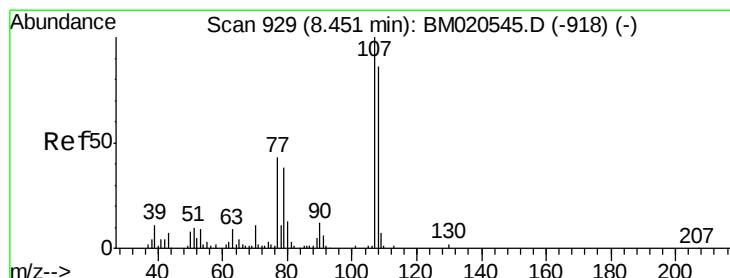
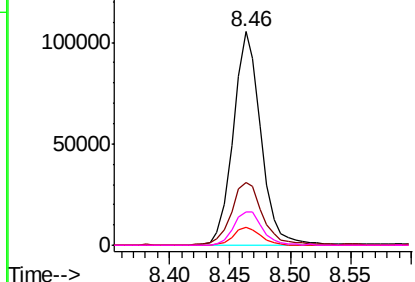
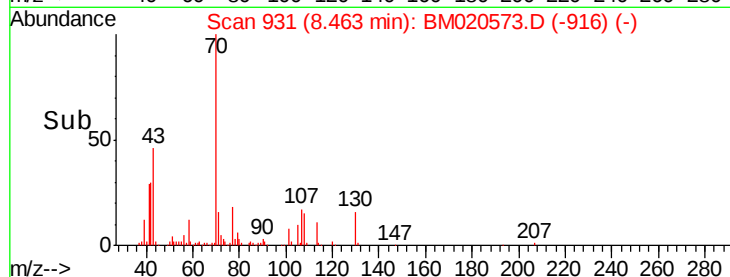
Abundance

Ion 70.00 (69.70 to 70.70): BM020573.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM020573.D (-916) (-)

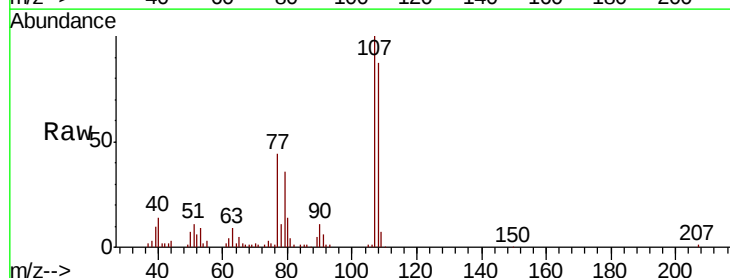
Ion 101.00 (100.70 to 101.70): BM020573.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM020573.D (-916) (-)



#20
3+4-Methylphenols
Concen: 35.538 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:	107	Resp:	176473
Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.5	106.5
77	44.4	23.0	63.0
79	35.6	18.2	58.2



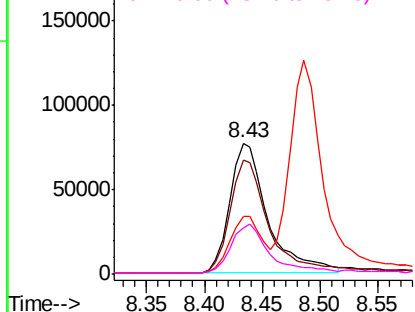
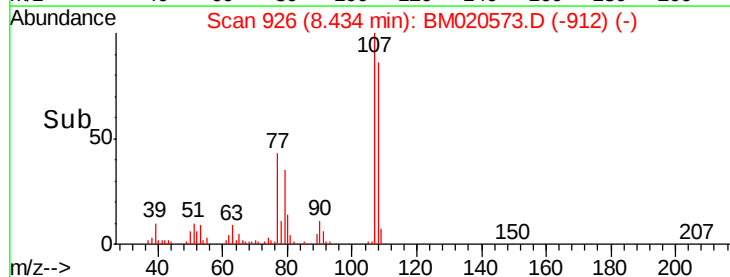
Abundance

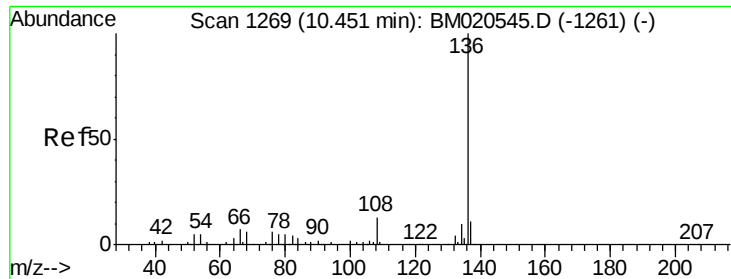
Ion 107.00 (106.70 to 107.70): BM020573.D (-912) (-)

Ion 108.00 (107.70 to 108.70): BM020573.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM020573.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM020573.D (-912) (-)

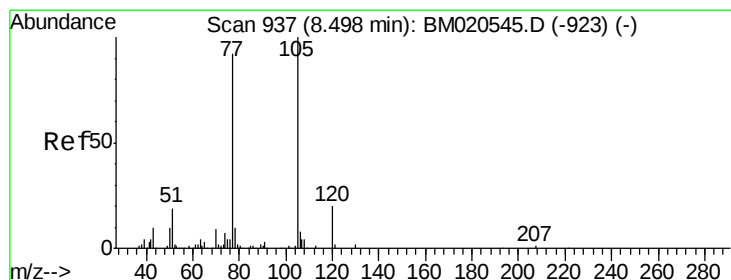
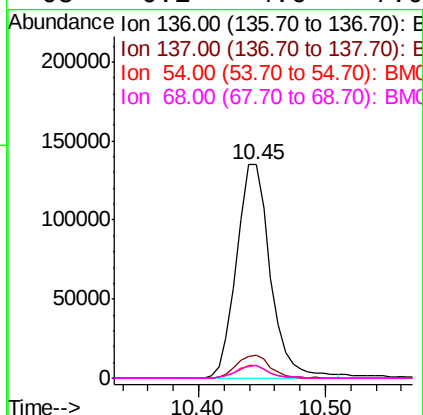
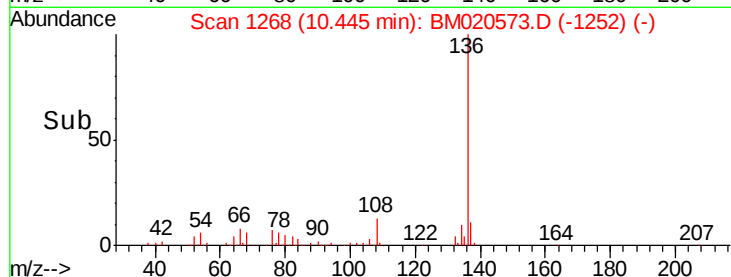
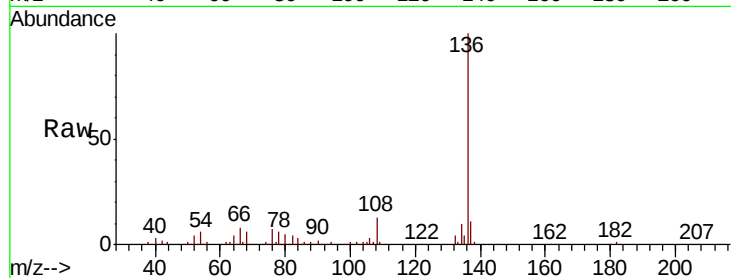




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

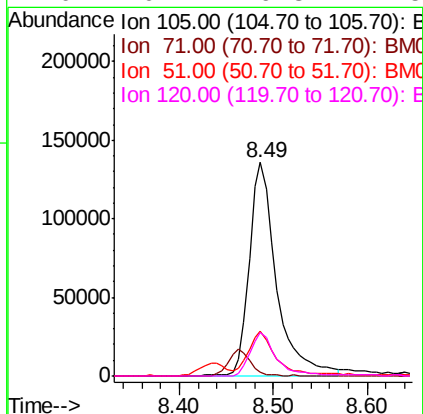
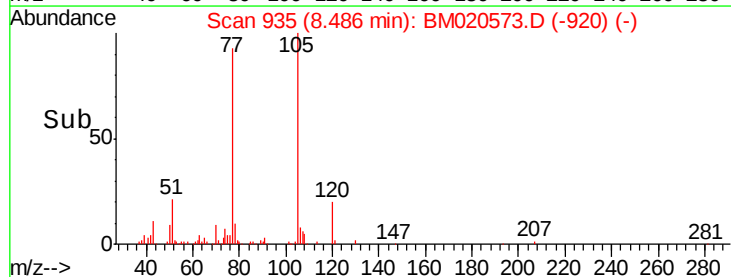
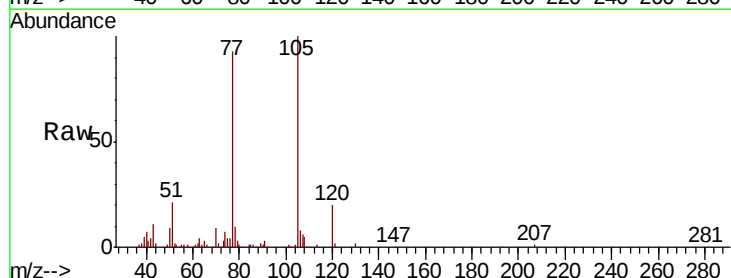
Instrument :
BNA_M
ClientSampleId :

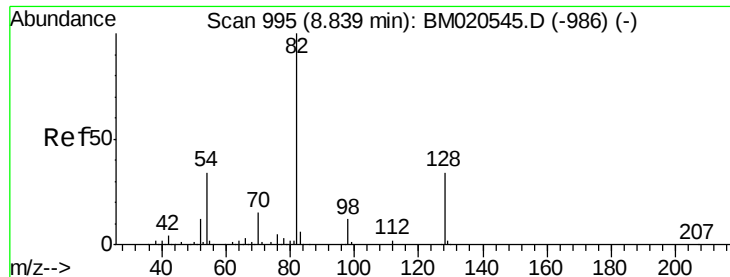
Tot Ion:136	Resp:	251339
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.4	12.6
54 6.2	4.2	6.4
68 6.1	4.6	7.0



#22
Acetophenone
Concen: 39.493 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:105	Resp:	273334	
Ion Ratio	Lower	Upper	
105 100			
71 1.7	1.3	1.9	
51 20.8	15.7	23.5	
120 20.2	16.3	24.5	

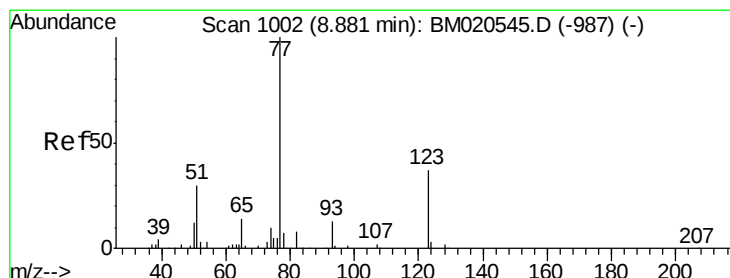
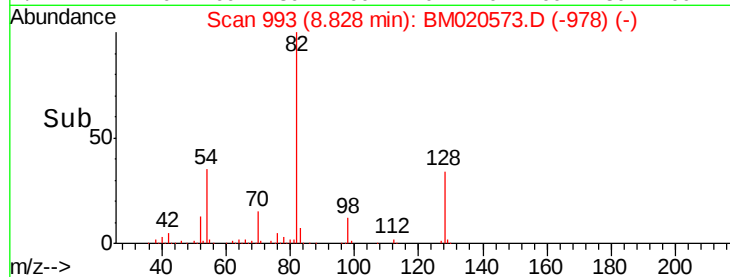
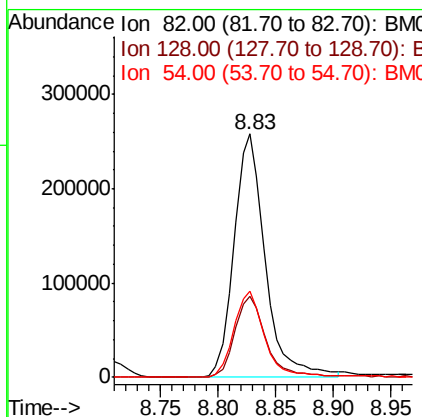
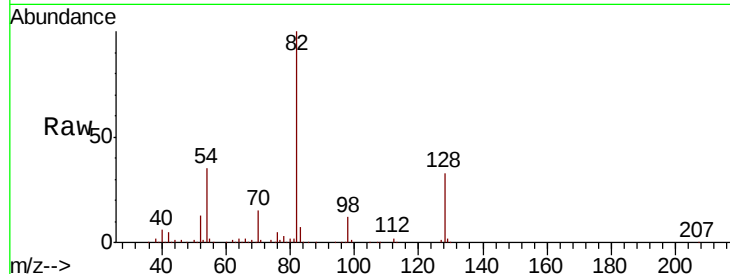




#23
 Nitrobenzene-d5
 Concen: 80.613 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

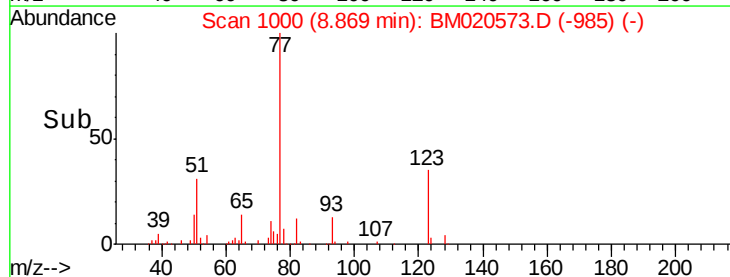
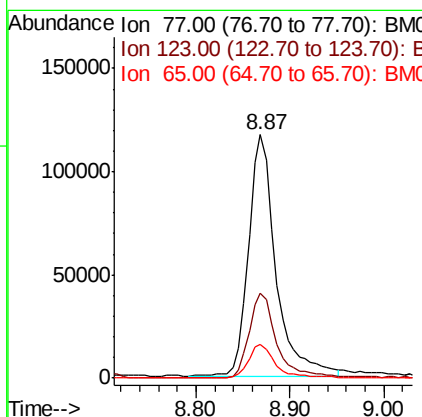
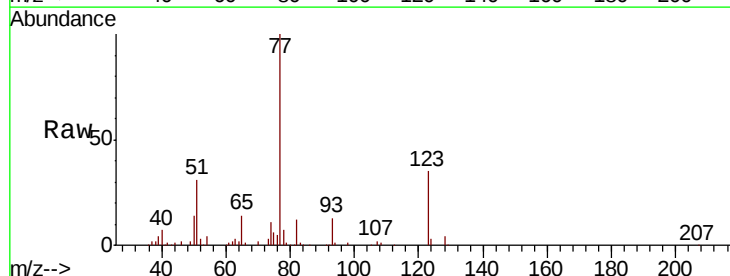
Instrument :
 BNA_M
 ClientSampleId :

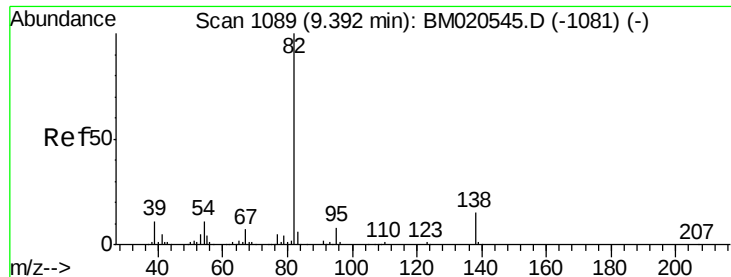
Tot Ion	82	Resp	482722
Ion Ratio	Lower	Upper	
82	100		
128	33.5	27.0	40.4
54	35.4	27.4	41.2



#24
 Nitrobenzene
 Concen: 39.827 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion	77	Resp	235529
Ion Ratio	Lower	Upper	
77	100		
123	34.8	29.4	44.2
65	13.8	10.8	16.2





#25

Isophorone

Concen: 39.672 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

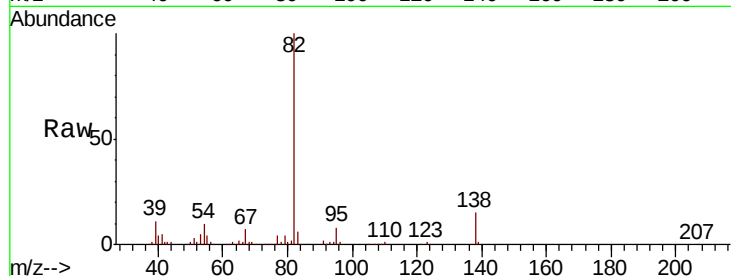
Tot Ion: 82 Resp: 442040

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

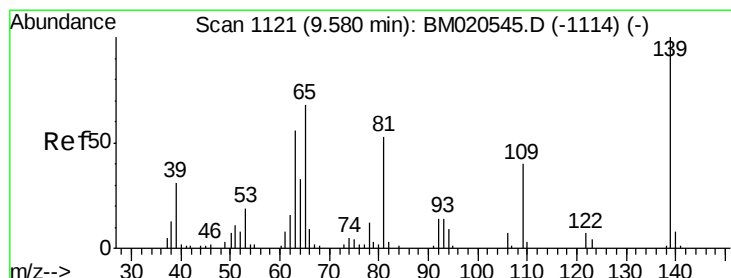
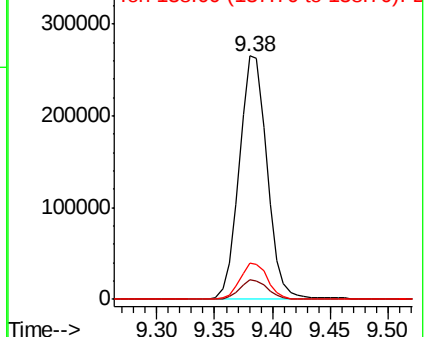
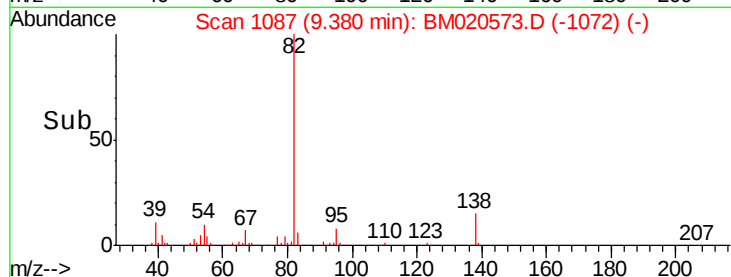
138 15.0 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM020545.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM020545.D (-1081) (-)



#26

2-Nitrophenol

Concen: 37.821 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

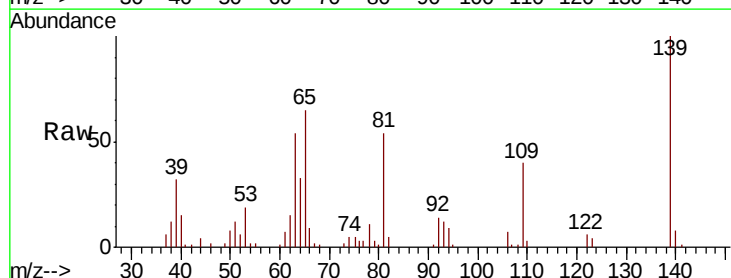
Tgt Ion: 139 Resp: 82529

Ion Ratio Lower Upper

139 100

109 40.1 32.3 48.5

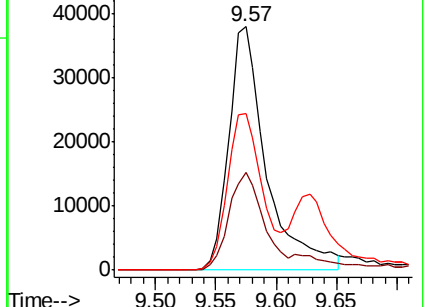
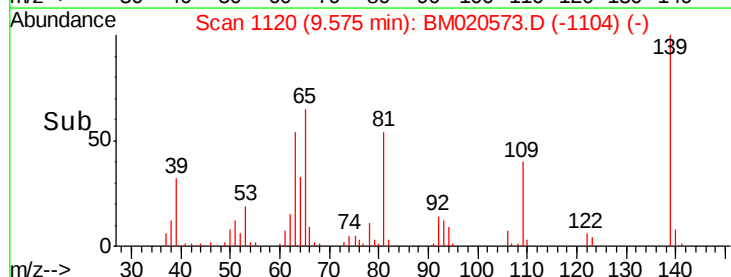
65 64.6 54.4 81.6

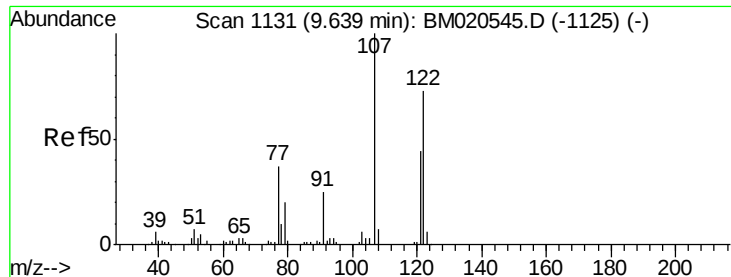


Abundance Ion 139.00 (138.70 to 139.70): BM020545.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BM020545.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-1114) (-)

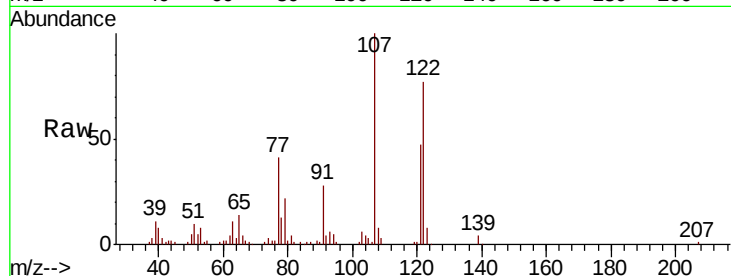




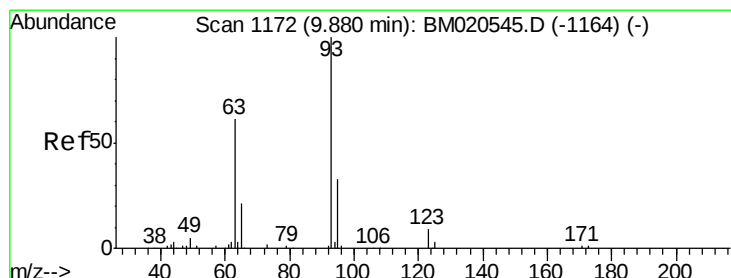
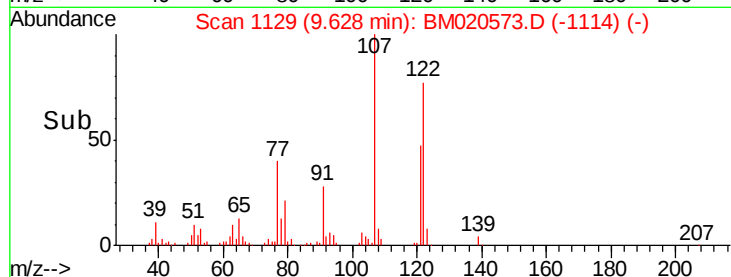
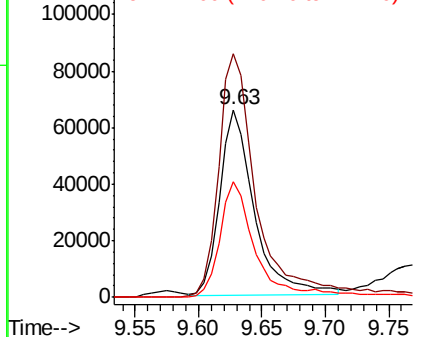
#27
2,4-Dimethylphenol
Concen: 38.178 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	129.5	108.2	162.2	
121	61.3	47.4	71.0	

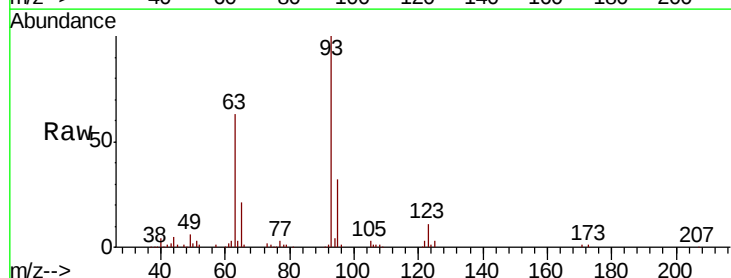


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

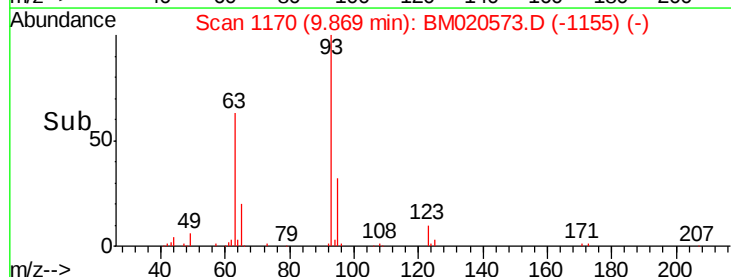
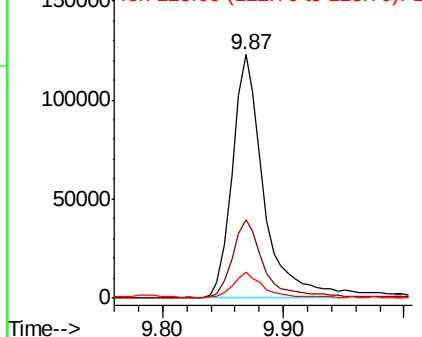


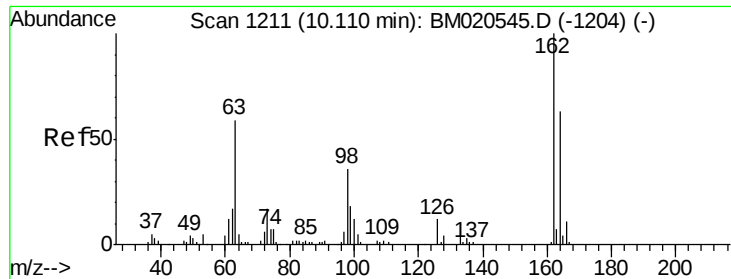
#28
bis(2-Chloroethoxy)methane
Concen: 38.251 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.1	26.1	39.1	
123	10.8	8.1	12.1	



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

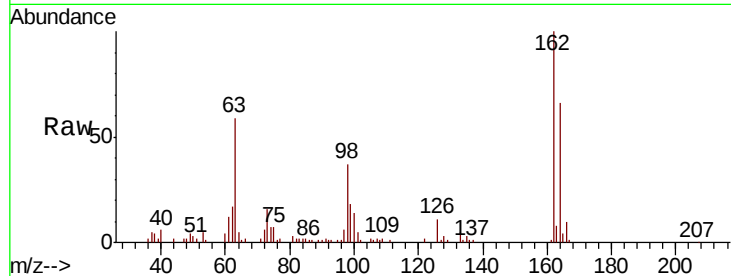




#29
2,4-Dichlorophenol
Concen: 38.488 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.1	83.1
98	37.1	16.2	56.2

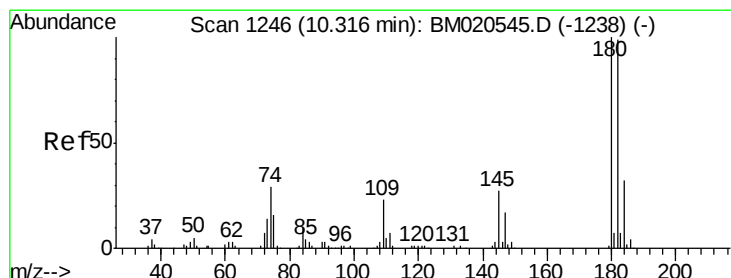
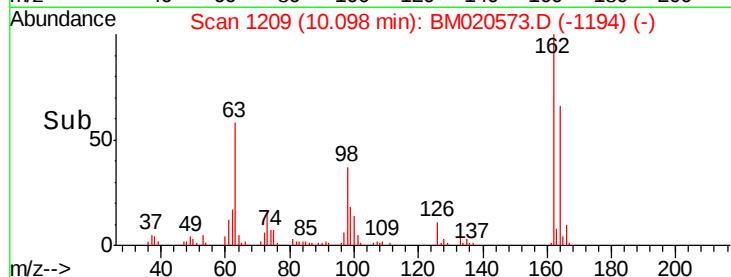
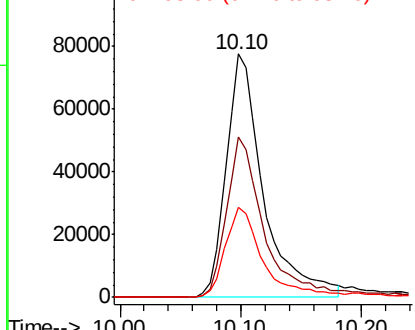


Abundance

Ion 162.00 (161.70 to 162.70): E

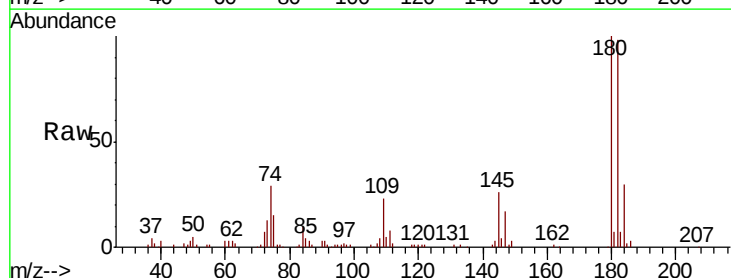
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 40.331 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.8	118.2
145	26.3	21.3	31.9

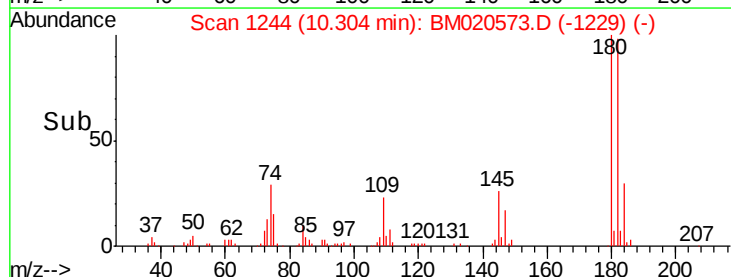
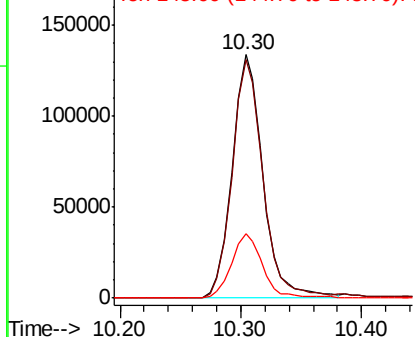


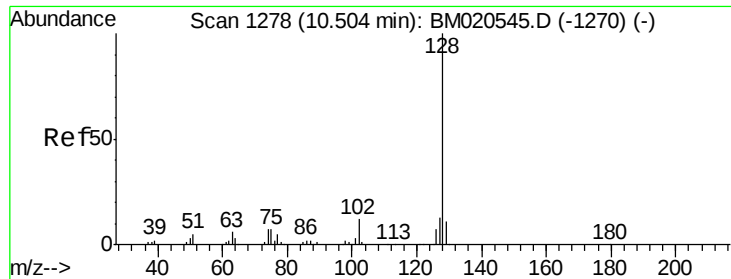
Abundance

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

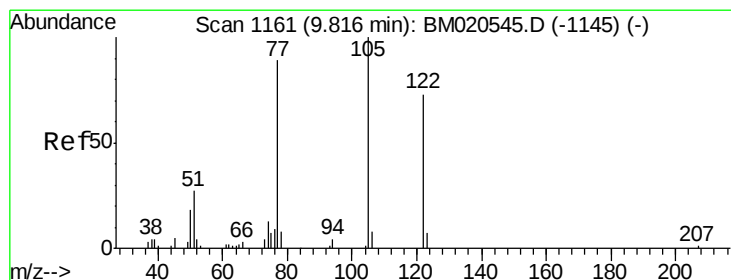
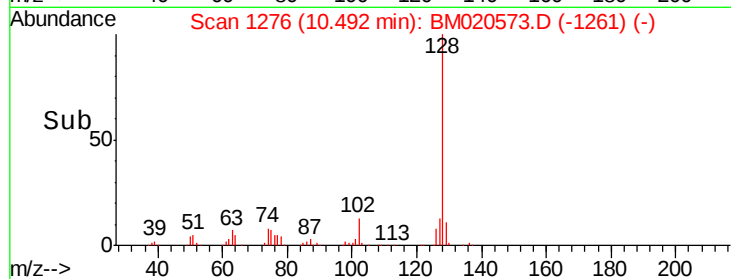
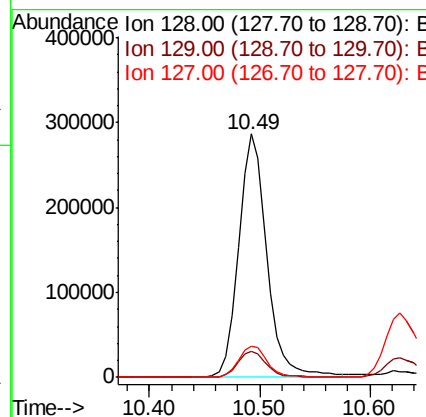
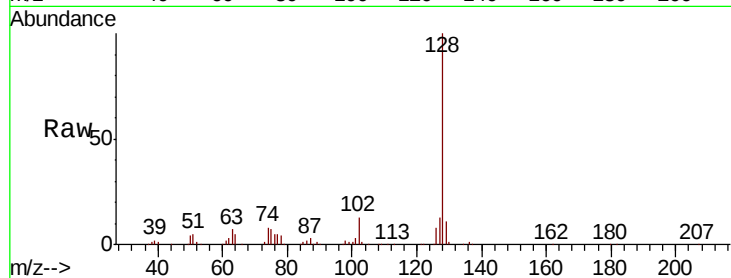




#31
Naphthalene
Concen: 39.696 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

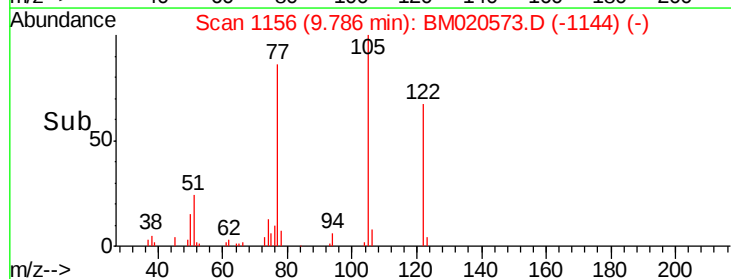
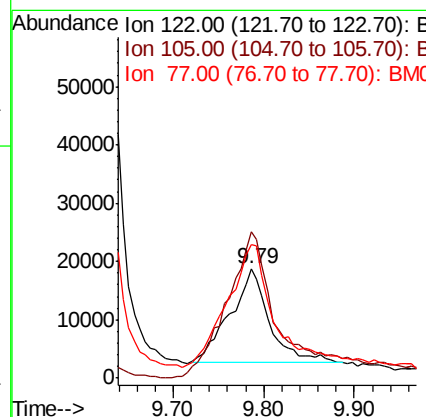
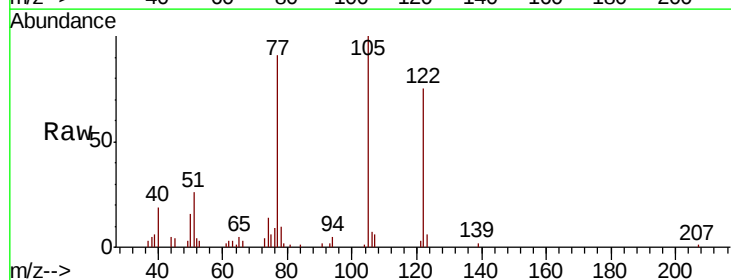
Instrument :
BNA_M
ClientSampleId :

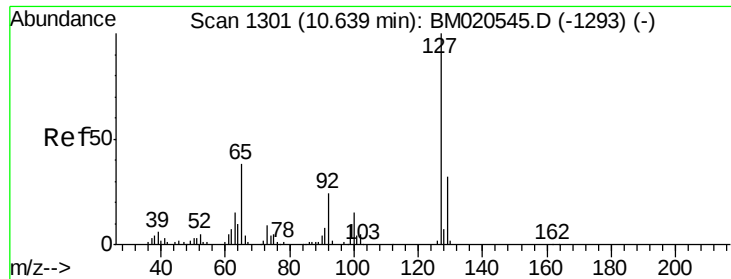
Tot Ion:128 Resp: 515161
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 27.771 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:122 Resp: 48588
Ion Ratio Lower Upper
122 100
105 133.4 108.8 148.8
77 122.1 97.8 137.8

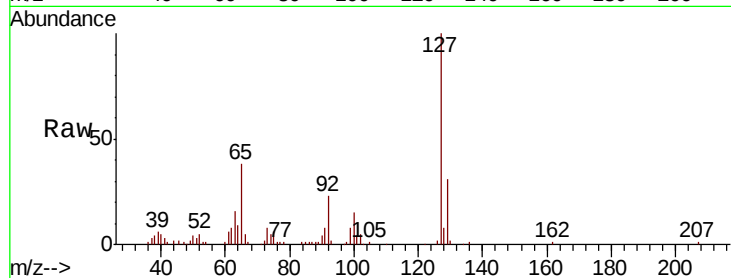




#33
4-Chloroaniline
Concen: 35.358 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	183146
Ion Ratio	Lower	Upper
127	100	
129	31.1	25.4 38.2
65	37.7	30.6 45.8
92	23.4	19.6 29.4



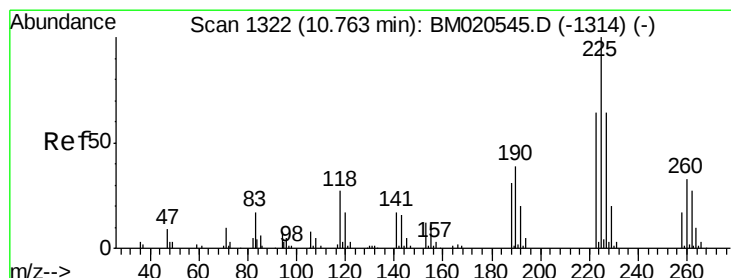
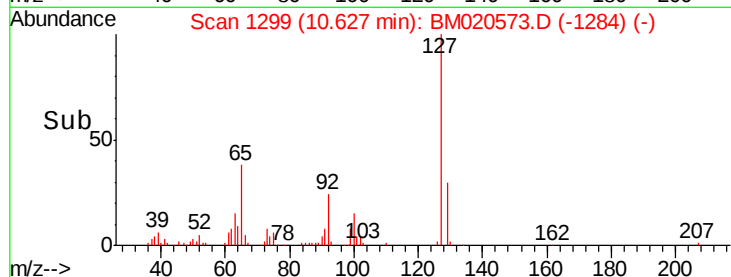
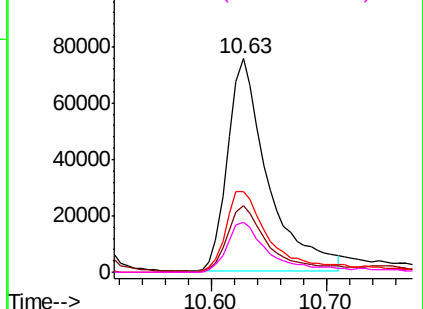
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

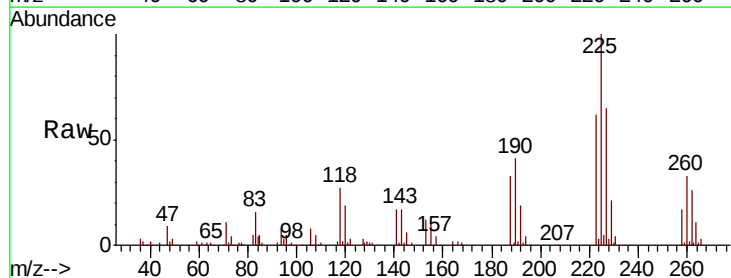
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 42.804 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:225	Resp:	188120
Ion Ratio	Lower	Upper
225	100	
223	61.8	51.4 77.0
227	64.8	51.0 76.6

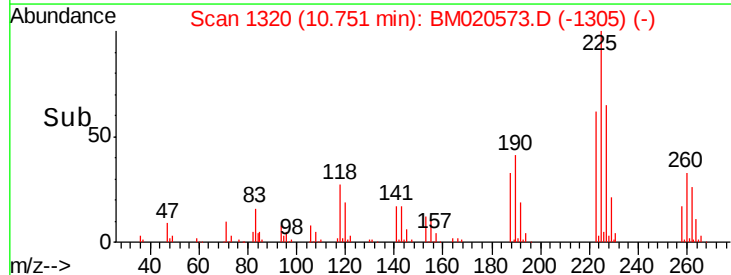
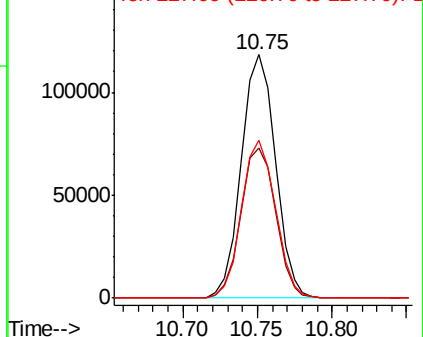


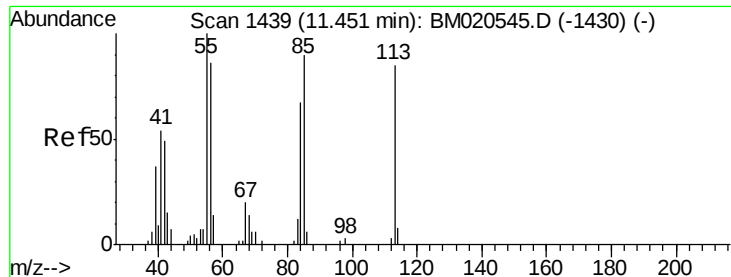
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.314 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

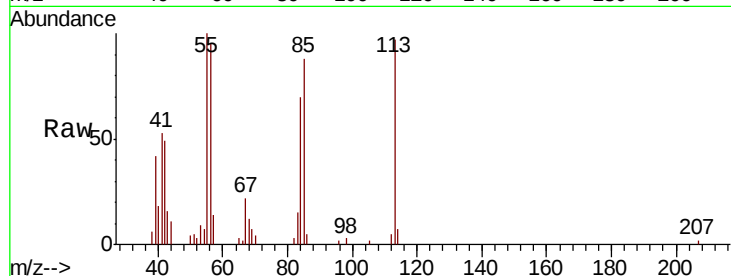
Tot Ion:113 Resp: 47402

Ion Ratio Lower Upper

113 100

55 103.3 97.6 137.6

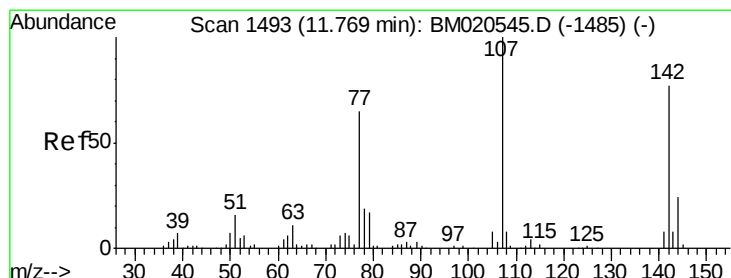
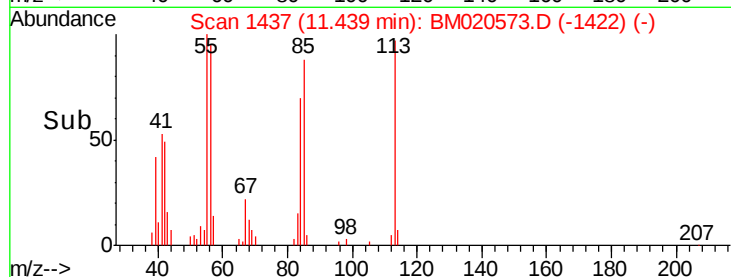
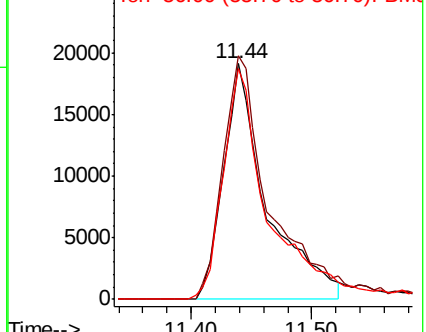
56 97.9 81.6 121.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 36.126 ng

RT: 11.75 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

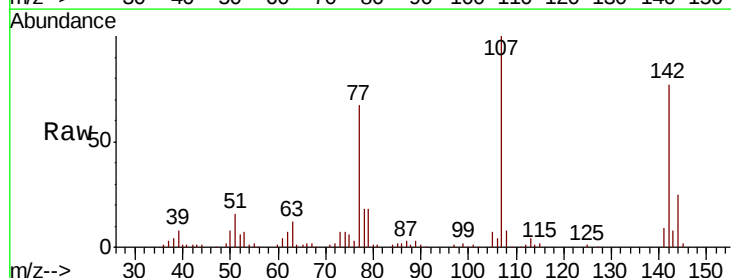
Tgt Ion:107 Resp: 169960

Ion Ratio Lower Upper

107 100

144 25.1 19.0 28.6

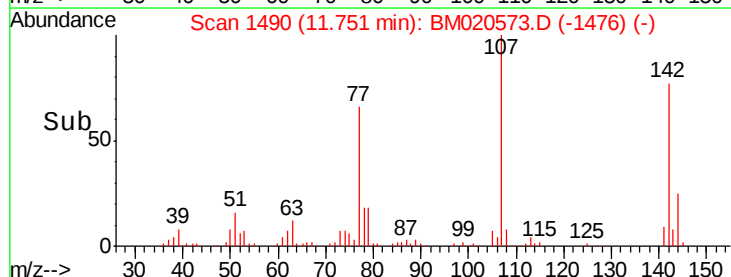
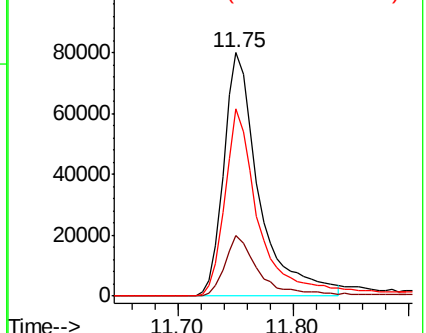
142 76.8 61.3 91.9

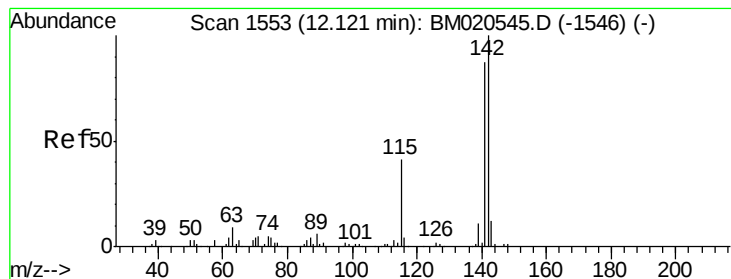


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.497 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

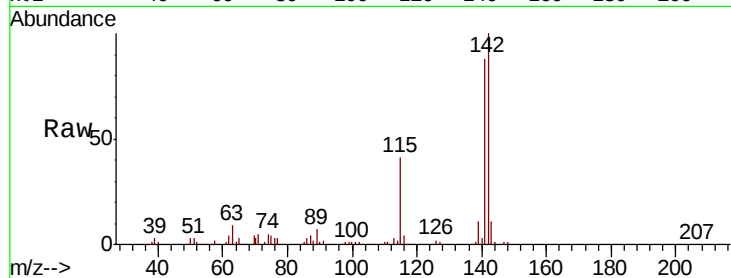
Tot Ion:142 Resp: 371760

Ion Ratio Lower Upper

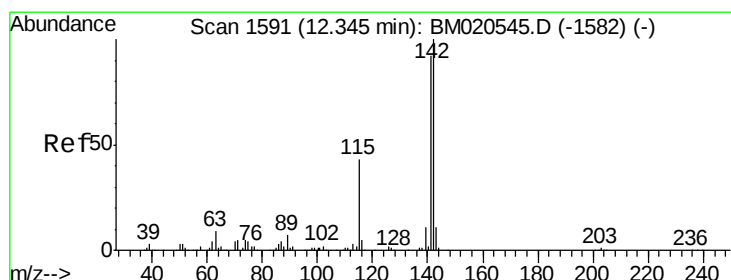
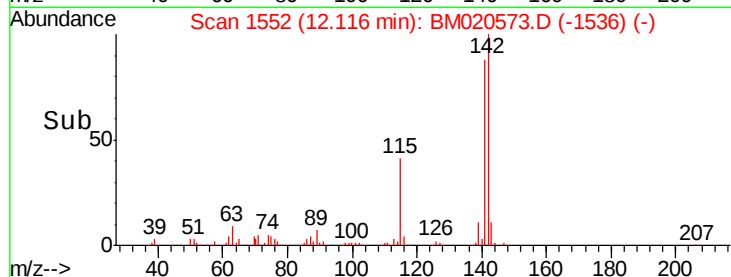
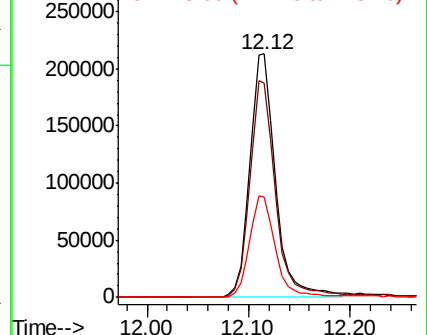
142 100

141 88.0 69.9 104.9

115 41.2 32.9 49.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.806 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

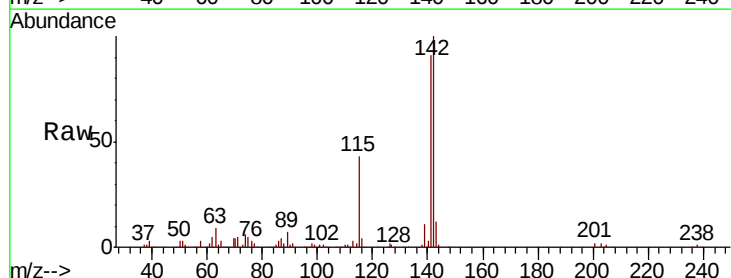
Tgt Ion:142 Resp: 363166

Ion Ratio Lower Upper

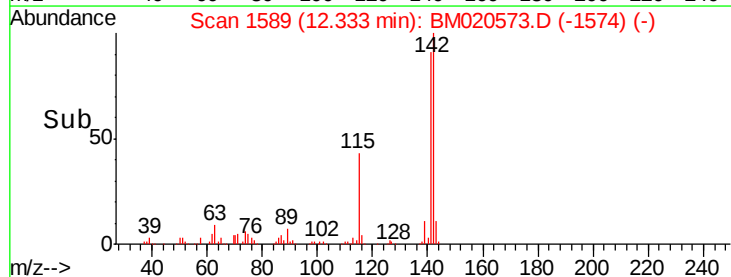
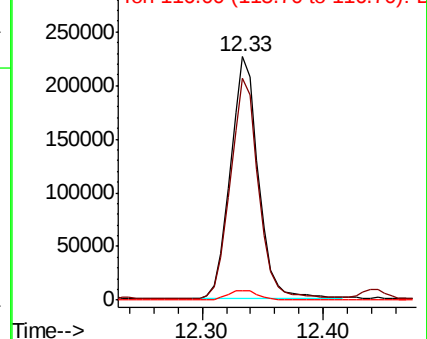
142 100

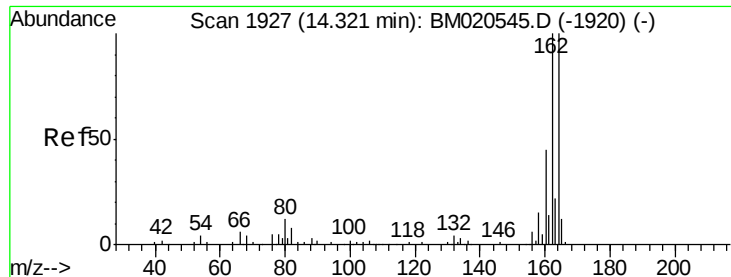
141 90.9 73.7 110.5

116 4.1 3.7 5.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

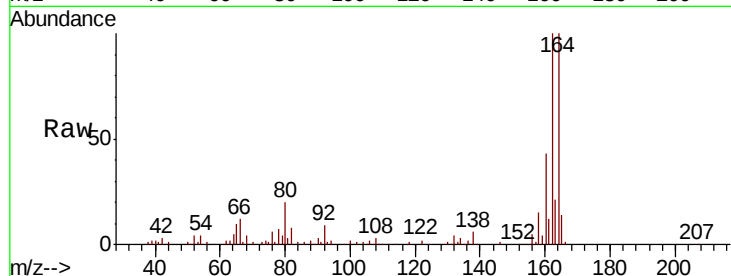
Tot Ion:164 Resp: 173408

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.8

160 42.7 35.9 53.9

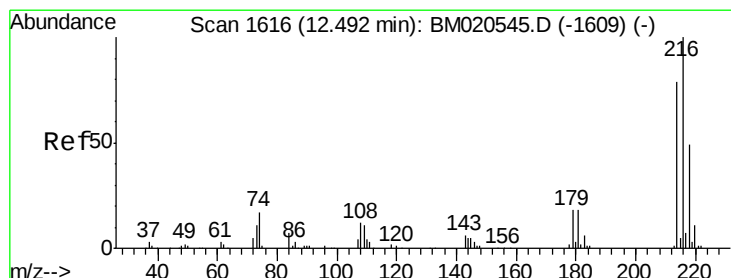
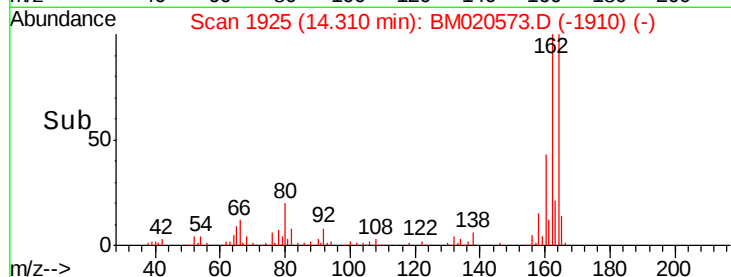
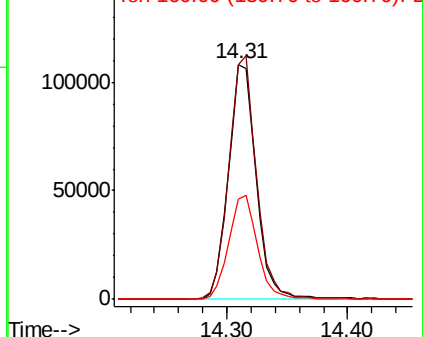


Abundance

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: 41.226 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Tgt Ion:216 Resp: 300523

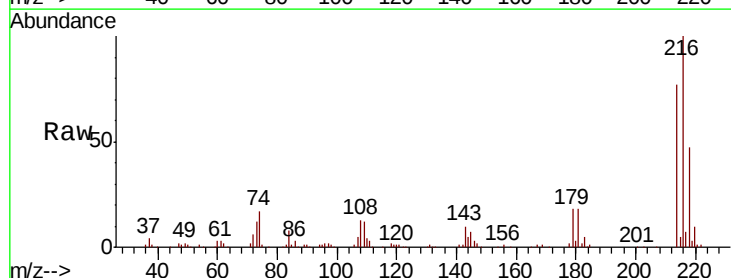
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.6

179 18.5 14.8 22.2

108 13.0 10.5 15.7



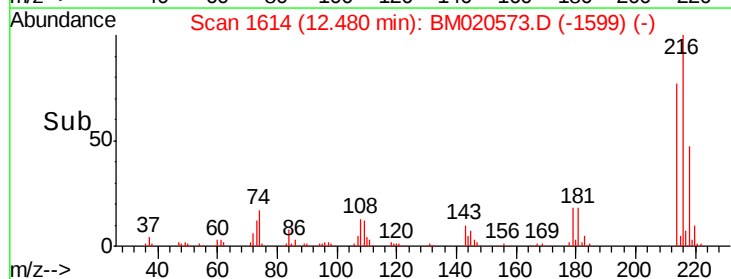
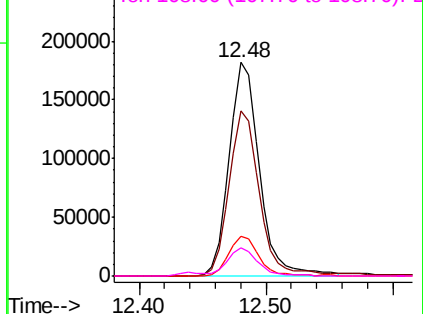
Abundance

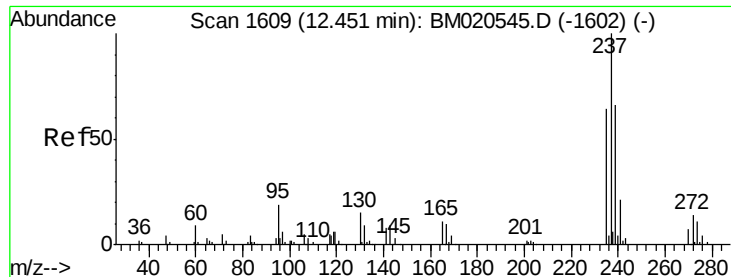
Ion 216.00 (215.70 to 216.70): E

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: 43.222 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

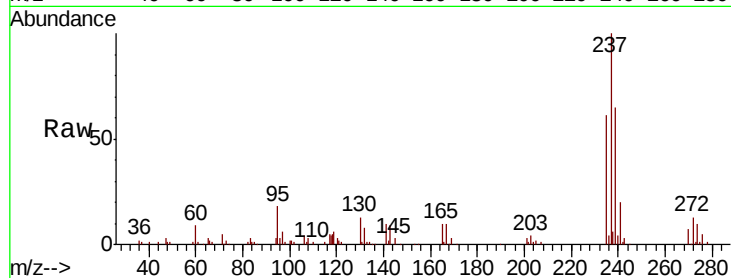
Tot Ion:237 Resp: 139196

Ion Ratio Lower Upper

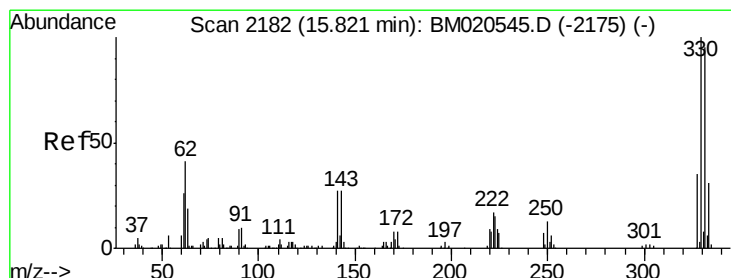
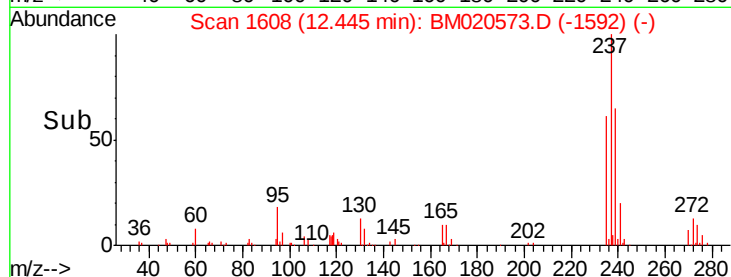
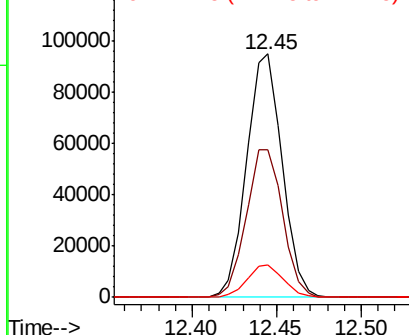
237 100

235 60.6 43.5 83.5

272 13.2 0.0 33.9



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: 73.294 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

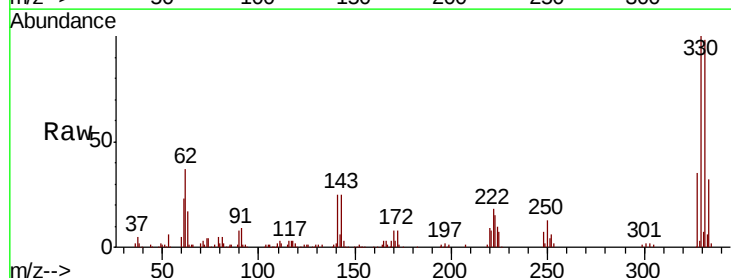
Tgt Ion:330 Resp: 254636

Ion Ratio Lower Upper

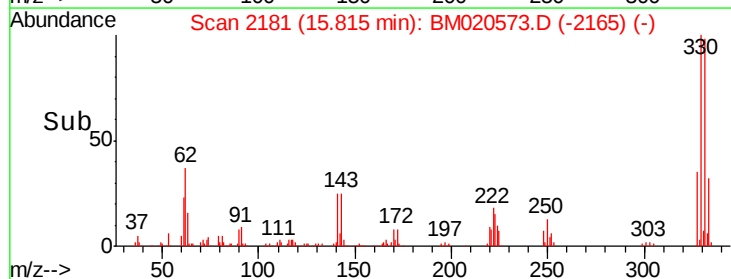
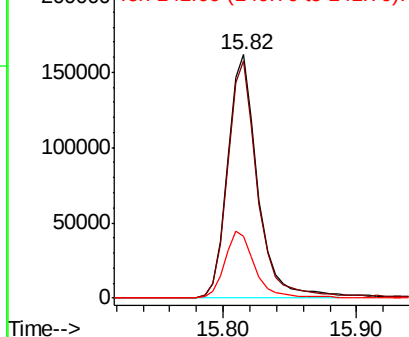
330 100

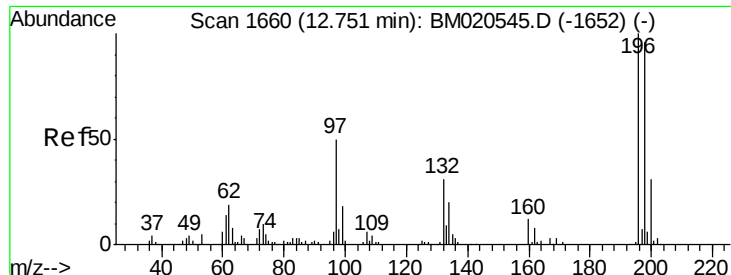
332 96.9 77.5 116.3

141 27.6 21.7 32.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

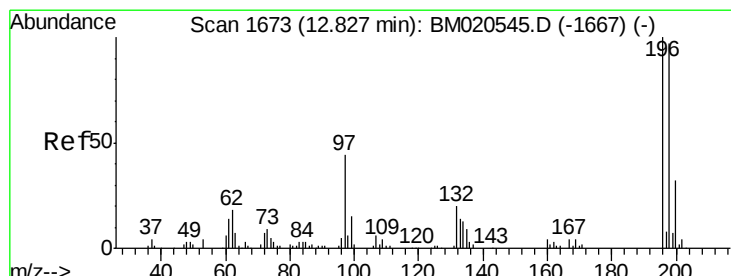
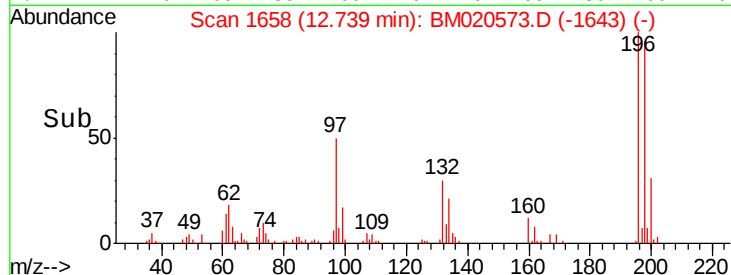
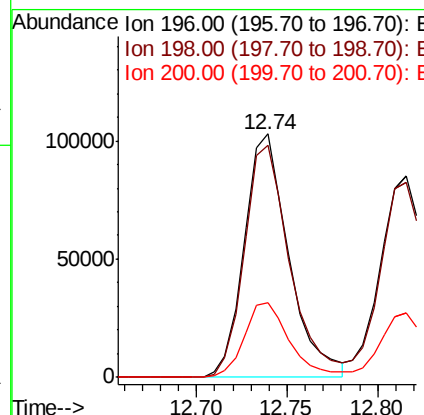
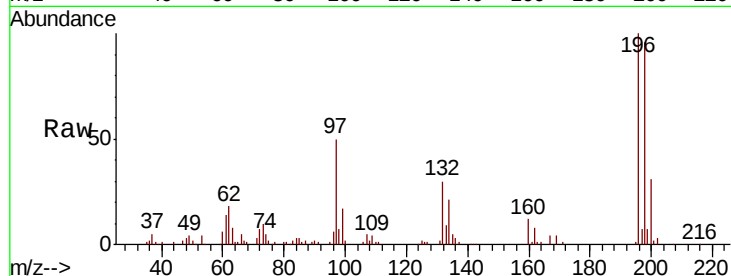




#43
 2,4,6-Trichlorophenol
 Concen: 39.049 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

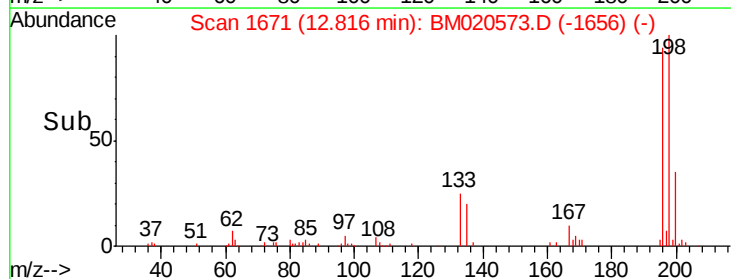
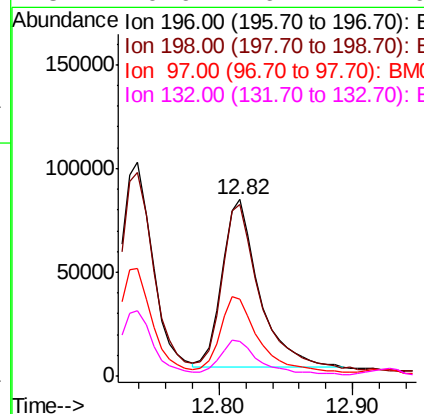
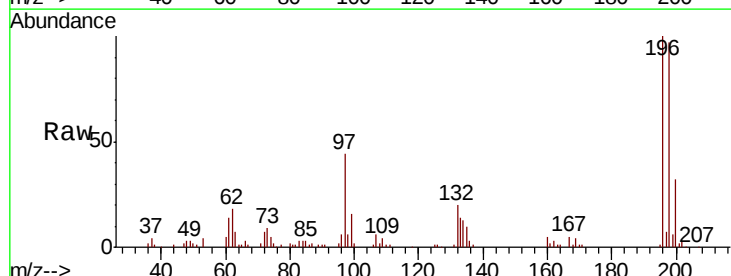
Instrument :
 BNA_M
 ClientSampleId :

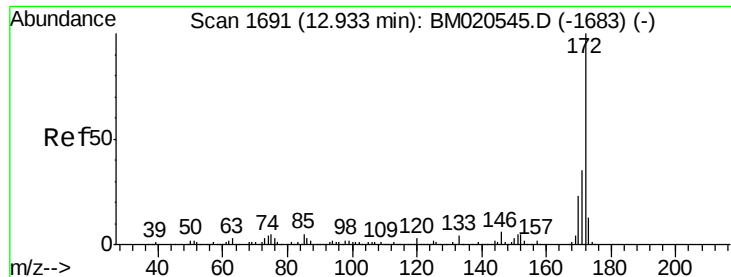
Tot Ion:196 Resp: 176154
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.4 114.6
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 36.993 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:196 Resp: 155838
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.6 116.4
 97 43.5 35.4 53.0
 132 19.9 16.4 24.6

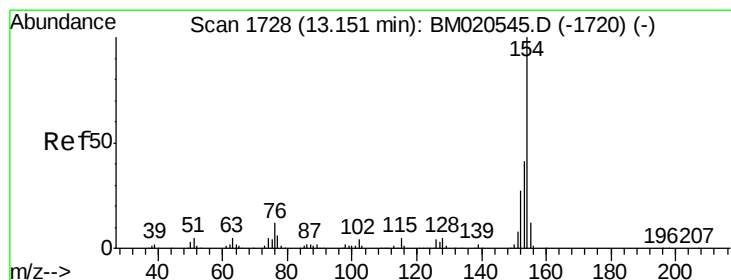
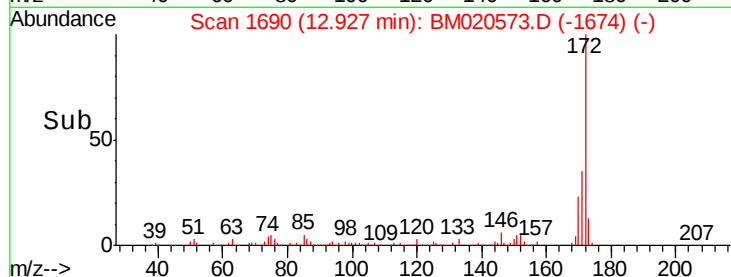
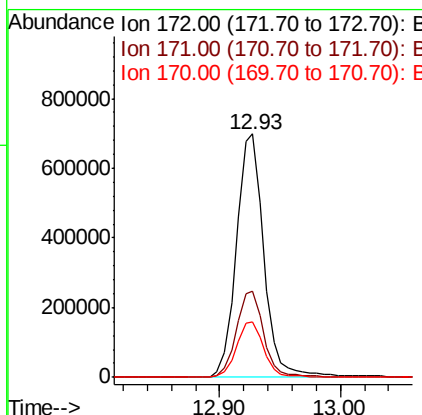
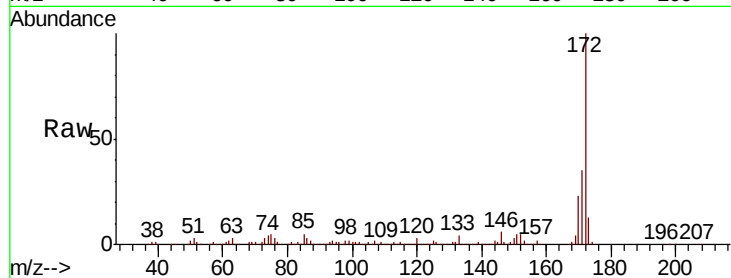




#45
2-Fluorobiphenyl
Concen: 80.155 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

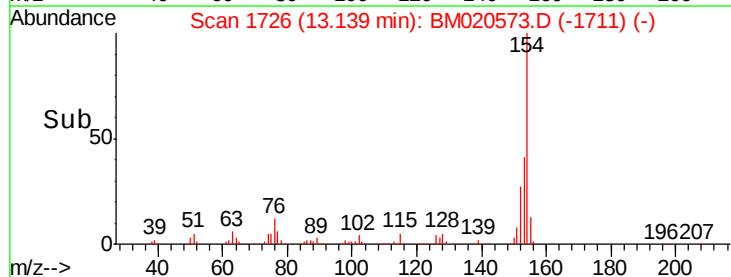
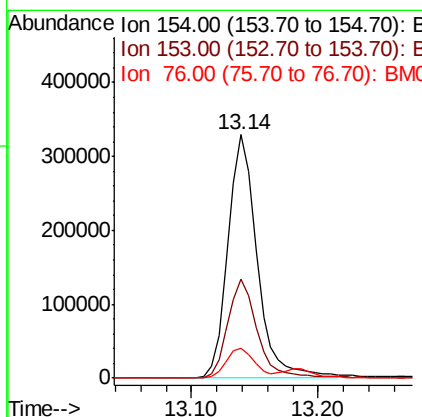
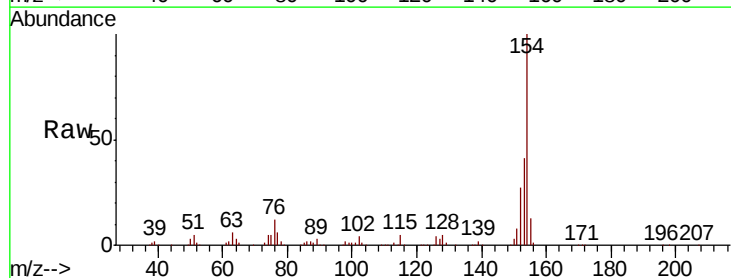
Instrument :
BNA_M
ClientSampleId :

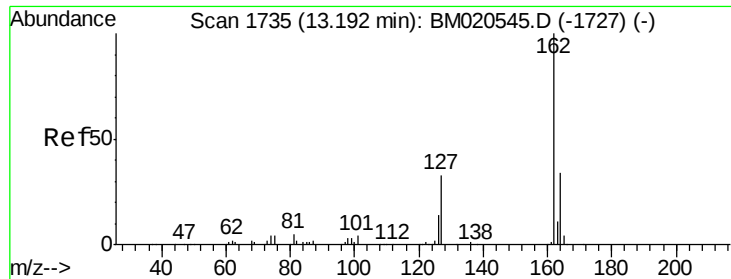
Tot Ion:172 Resp: 1107699
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.9 18.2 27.4



#46
1,1'-Biphenyl
Concen: 39.439 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:154 Resp: 526717
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.3 0.0 32.2

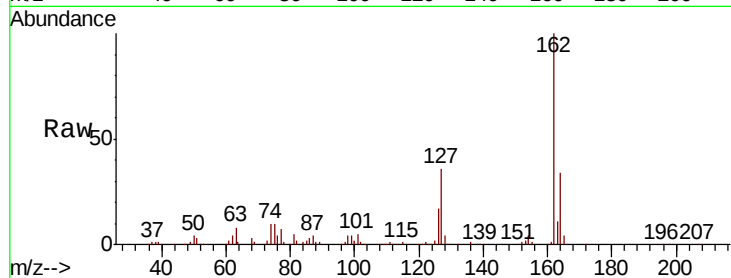




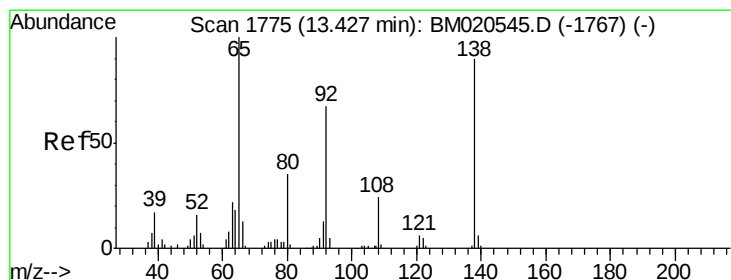
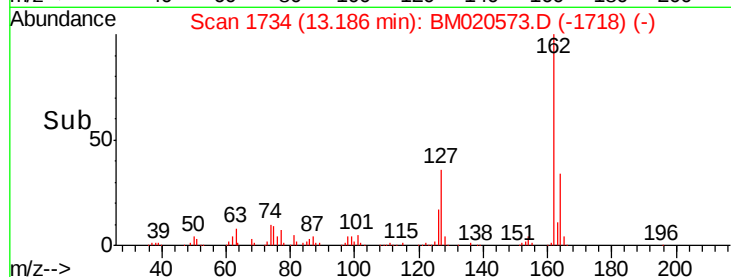
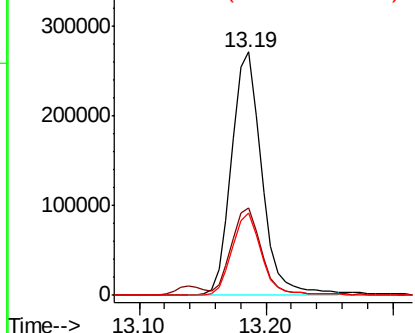
#47
 2-Chloronaphthalene
 Concen: 39.752 ng
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	162	Resp:	450055
Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.2	43.8
164	33.8	27.4	41.2

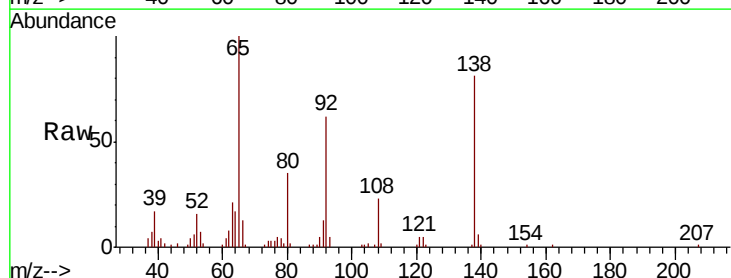


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

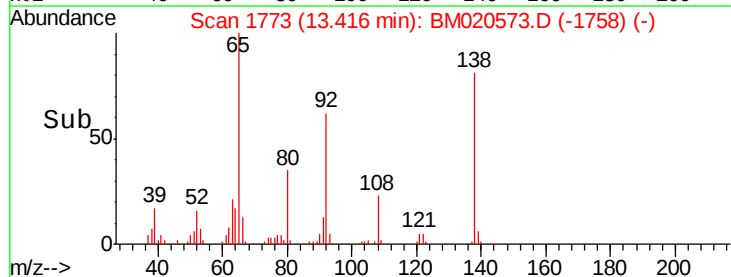
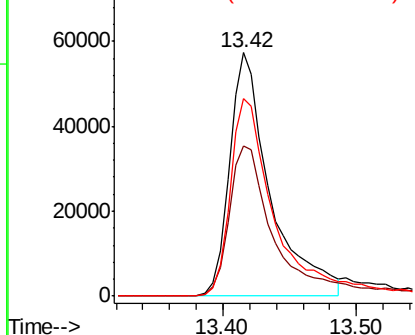


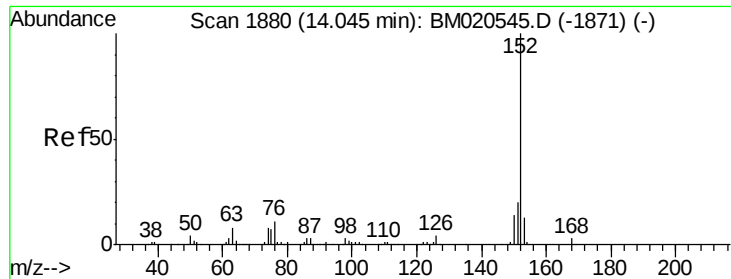
#48
 2-Nitroaniline
 Concen: 35.879 ng
 RT: 13.42 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:	65	Resp:	121799
Ion	Ratio	Lower	Upper
65	100		
92	61.6	53.6	80.4
138	81.0	72.0	108.0



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: 38.717 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

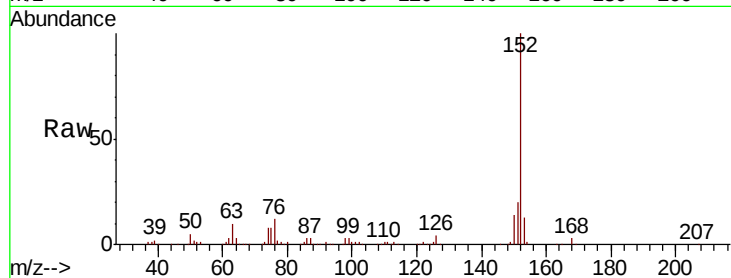
Tot Ion:152 Resp: 666591

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

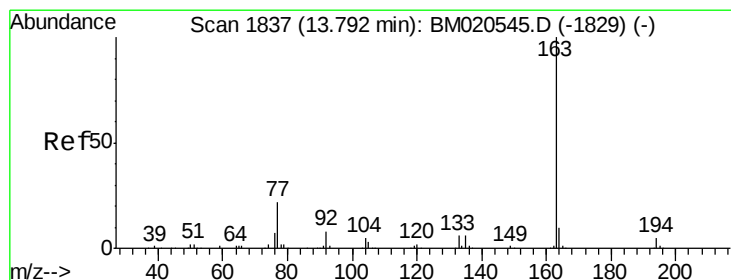
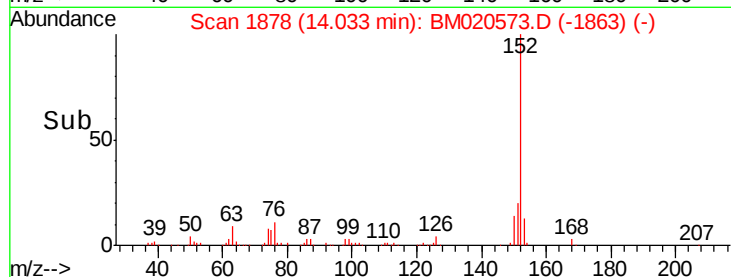
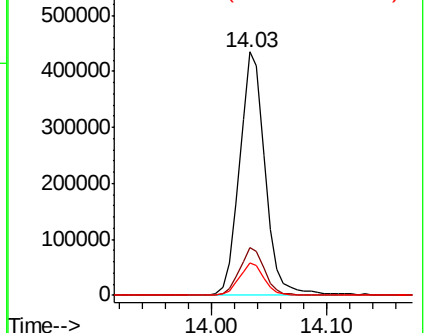
153 13.3 10.2 15.2



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: 38.413 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

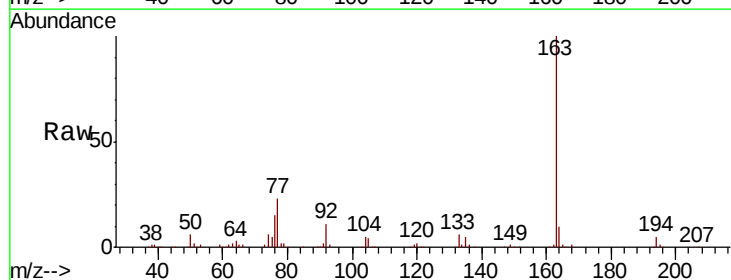
Tgt Ion:163 Resp: 590009

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

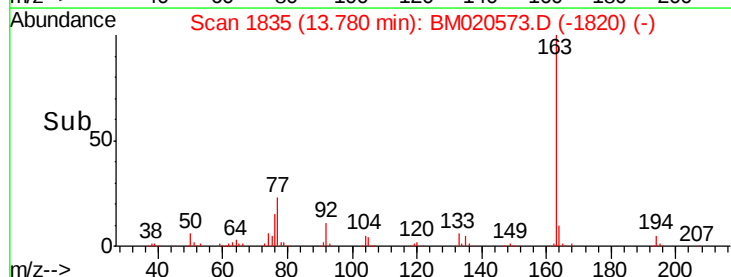
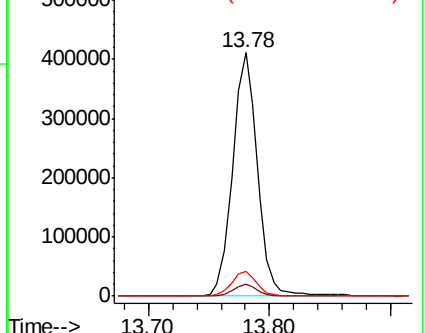
164 10.1 8.0 12.0

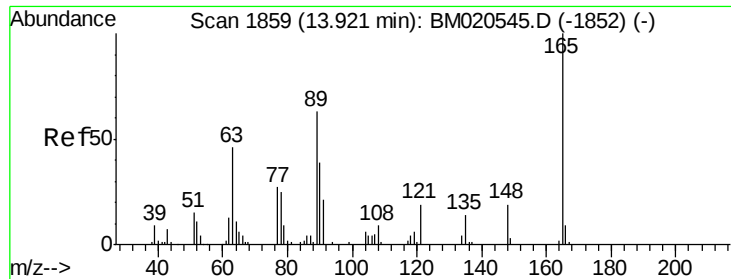


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.013 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

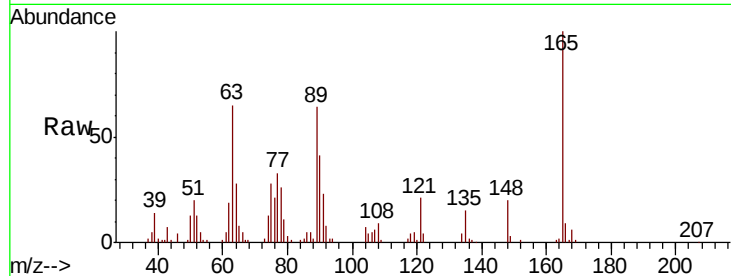
Tot Ion:165 Resp: 121691

Ion Ratio Lower Upper

165 100

63 65.3 49.6 74.4

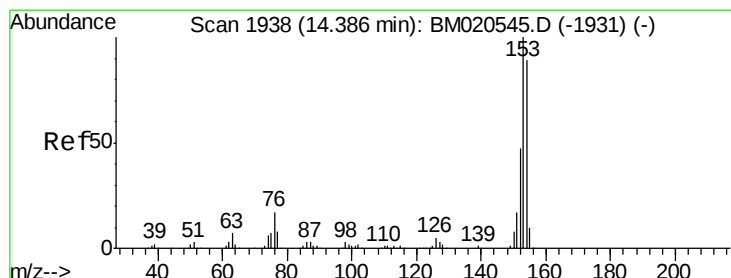
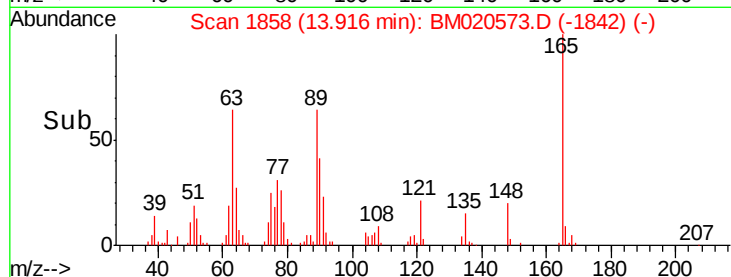
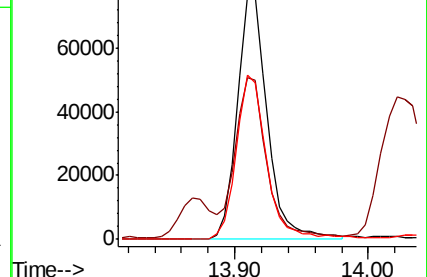
89 64.3 50.8 76.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 38.528 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

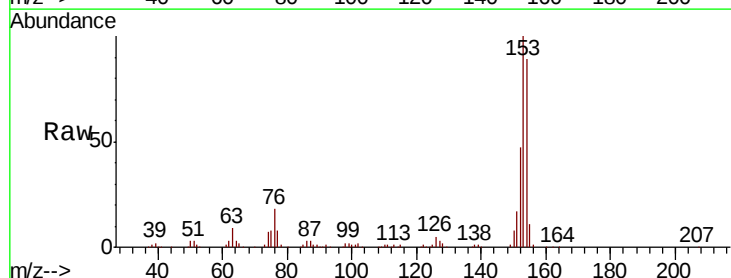
Tgt Ion:154 Resp: 399744

Ion Ratio Lower Upper

154 100

153 112.4 90.2 135.4

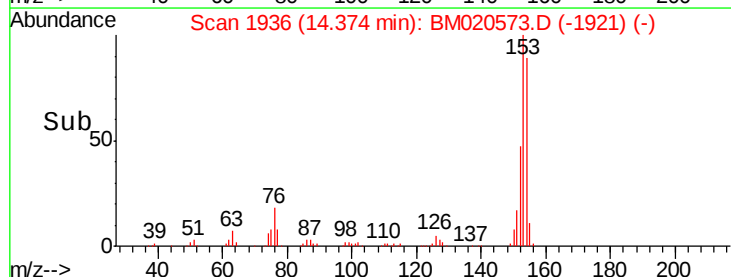
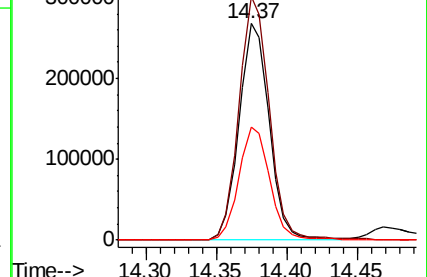
152 52.5 42.0 63.0

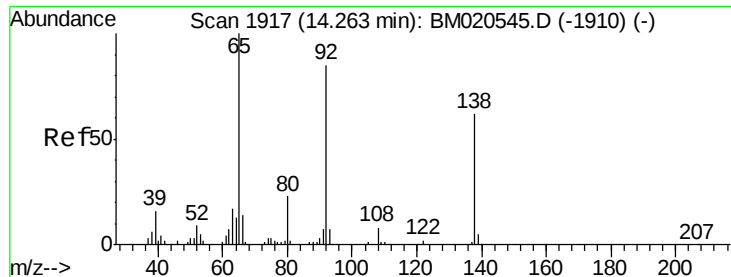


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

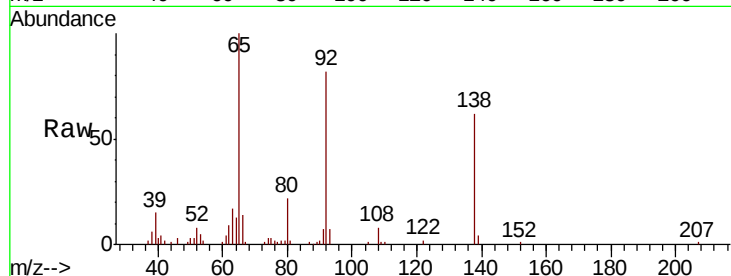




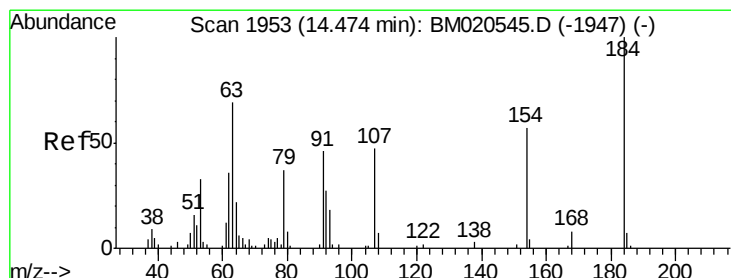
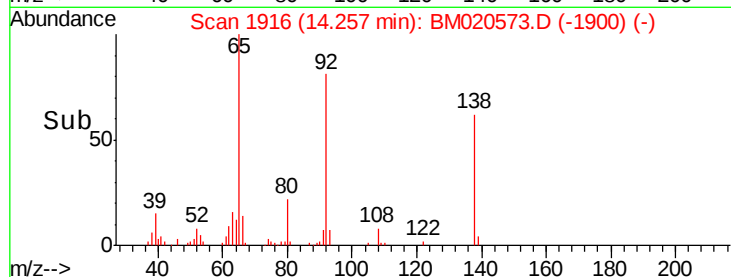
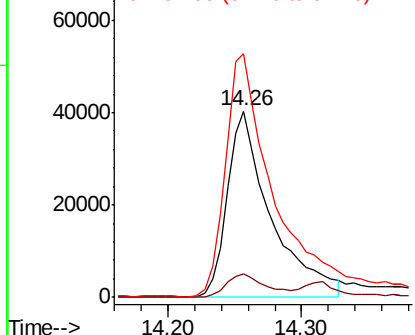
#53
3-Nitroaniline
Concen: 34.102 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 92063
Ion Ratio Lower Upper
138 100
108 12.4 10.1 15.1
92 130.7 109.5 164.3

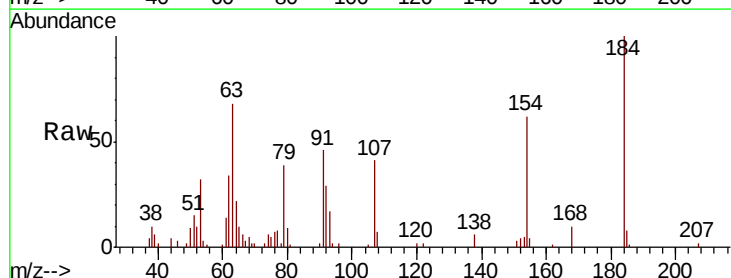


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

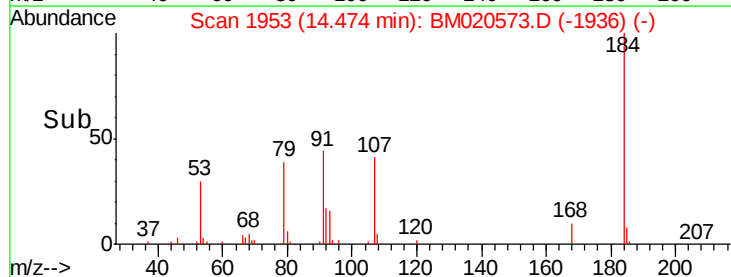
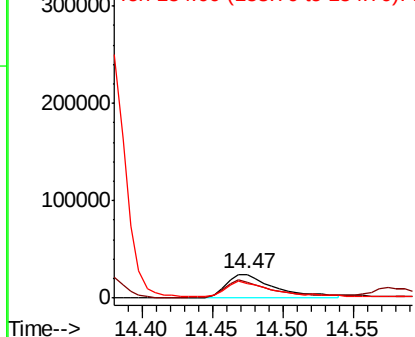


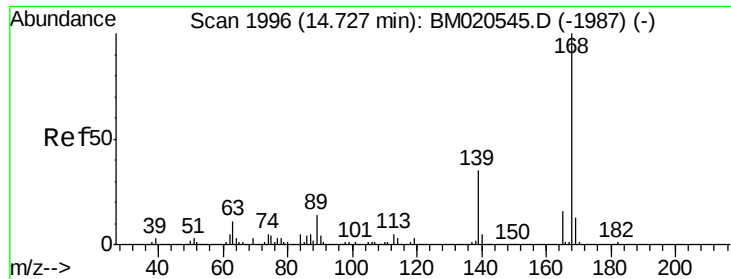
#54
2,4-Dinitrophenol
Concen: 35.827 ng
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:184 Resp: 60131
Ion Ratio Lower Upper
184 100
63 67.9 56.3 84.5
154 61.9 49.0 73.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

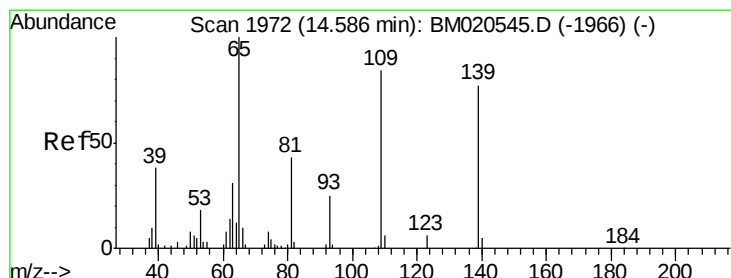
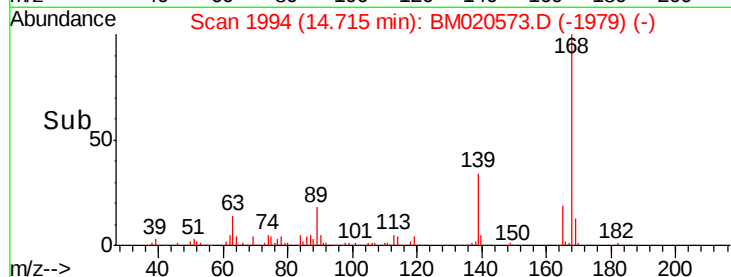
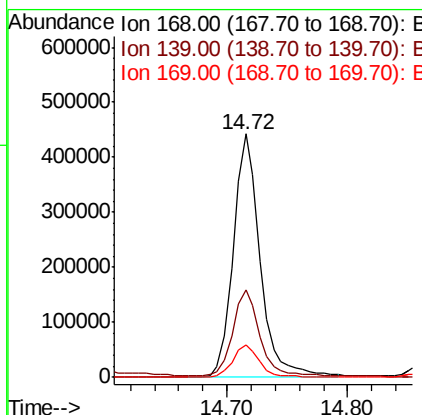
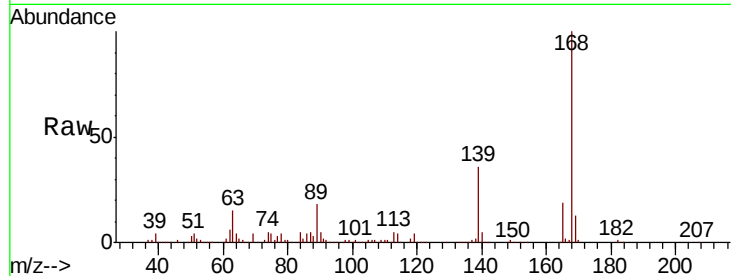




#55
Dibenzofuran
Concen: 38.265 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

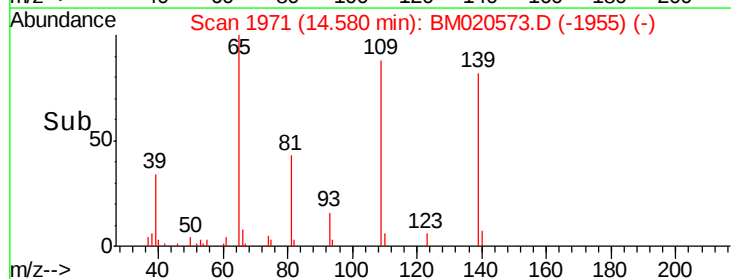
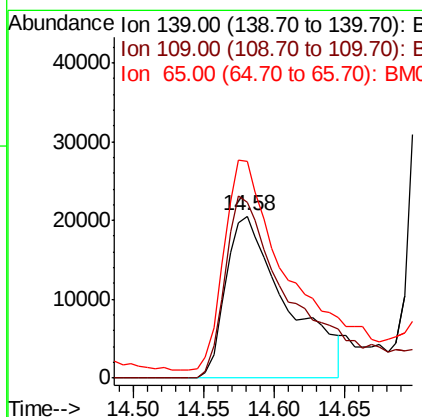
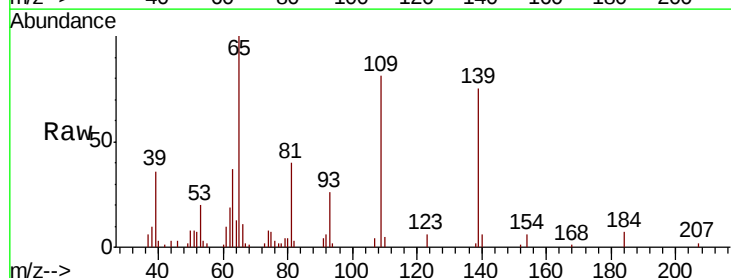
Instrument :
BNA_M
ClientSampled :

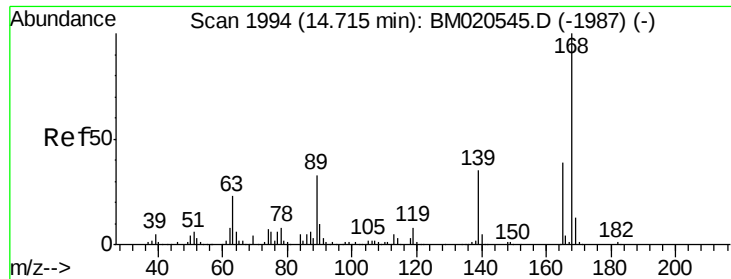
Tot Ion:168 Resp: 687014
Ion Ratio Lower Upper
168 100
139 36.1 28.2 42.4
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 34.838 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:139 Resp: 61659
Ion Ratio Lower Upper
139 100
109 108.4 89.4 129.4
65 133.4 113.3 153.3

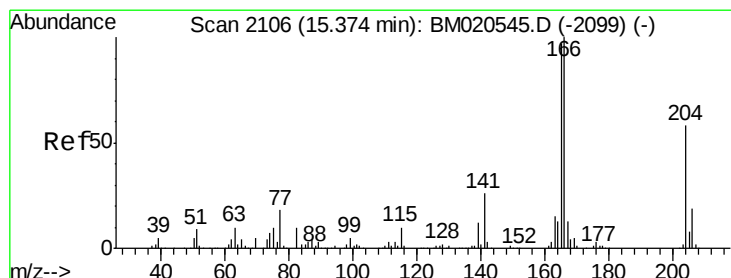
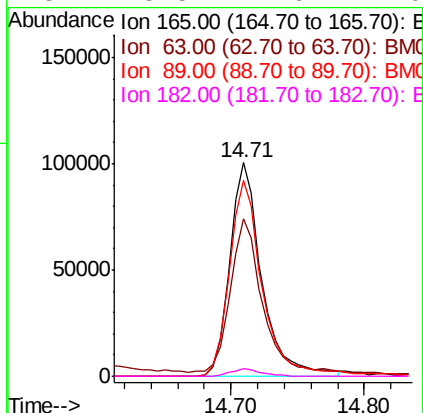
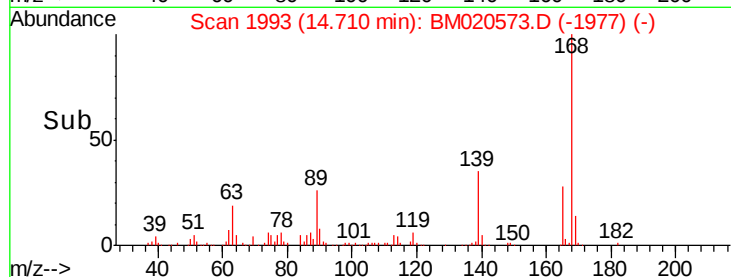
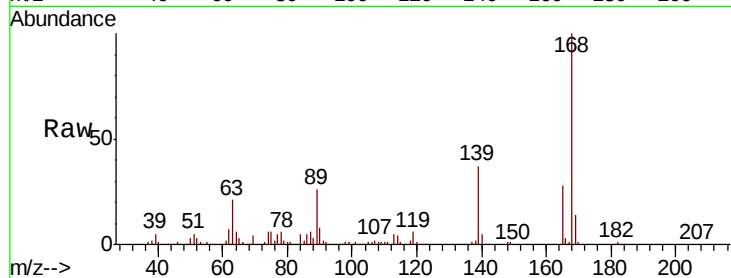




#57
 2,4-Dinitrotoluene
 Concen: 36.306 ng
 RT: 14.71 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

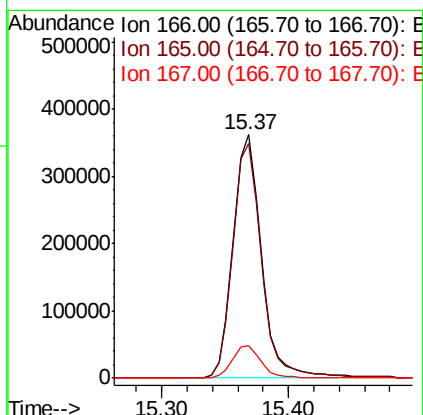
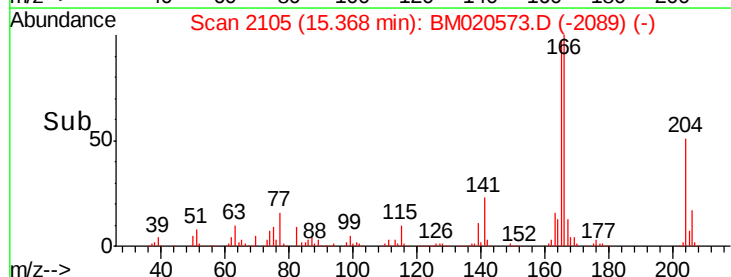
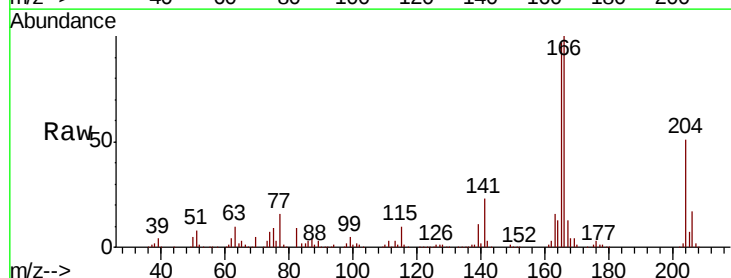
Instrument :
 BNA_M
 ClientSampleId :

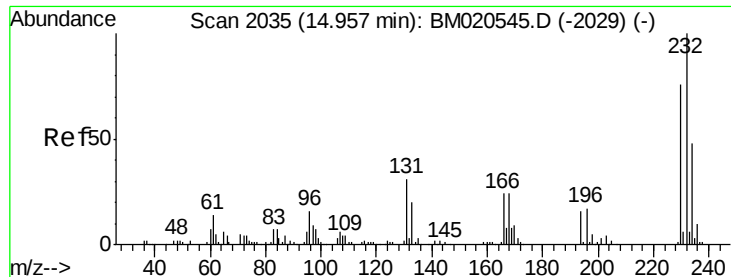
Tot Ion:165 Resp: 167841
 Ion Ratio Lower Upper
 165 100
 63 73.7 48.7 73.1#
 89 92.0 68.8 103.2
 182 3.5 2.6 4.0



#58
 Fluorene
 Concen: 37.649 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:166 Resp: 561512
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.4 116.0
 167 13.3 10.6 16.0

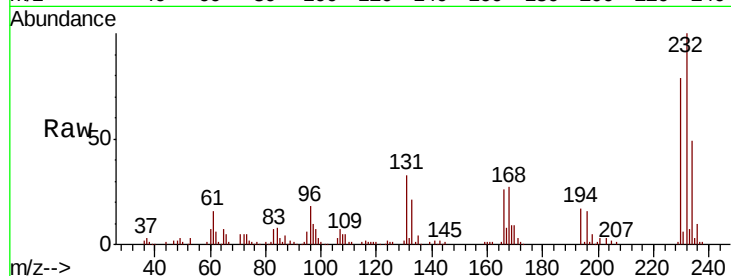




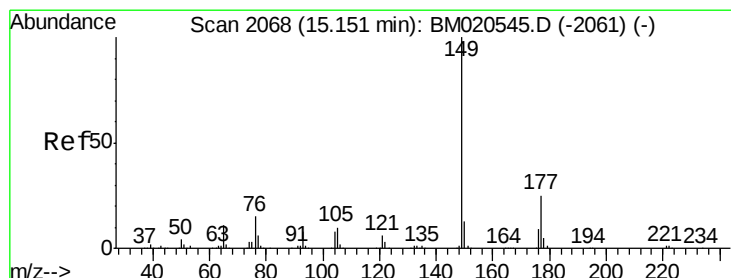
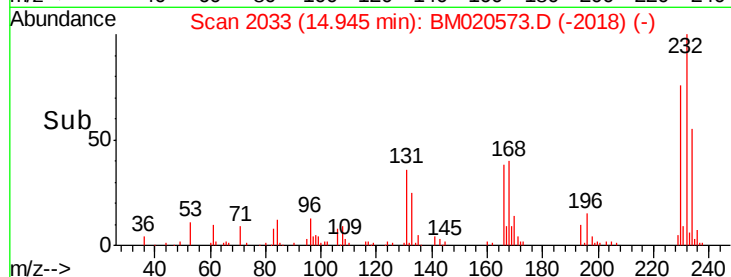
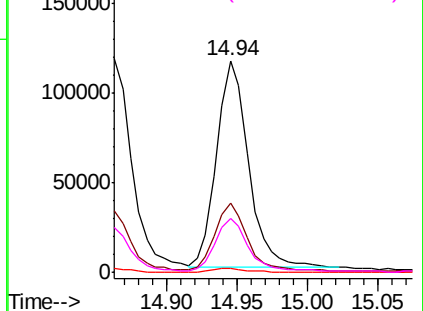
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.147 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.0	25.4	38.0
130	1.8	1.5	2.3
166	25.3	19.7	29.5

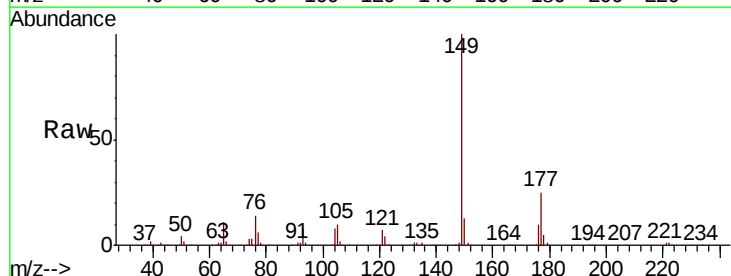


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

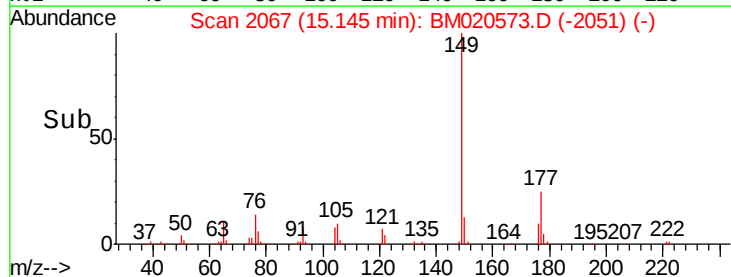
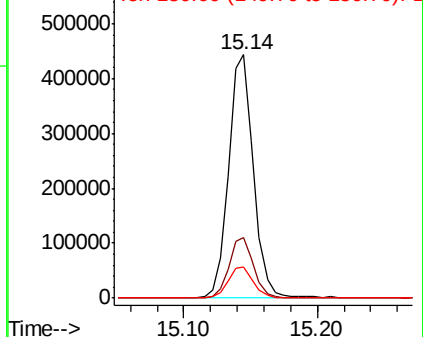


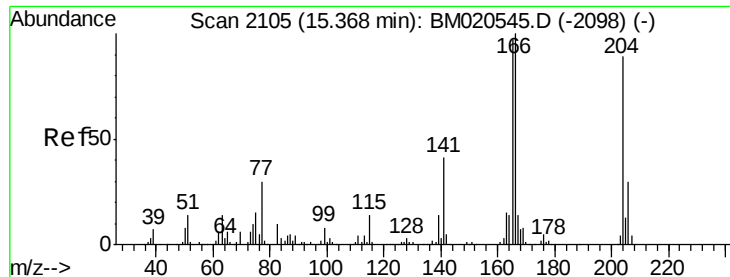
#60
Diethylphthalate
Concen: 38.291 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.8	29.8
150	12.5	10.2	15.2



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

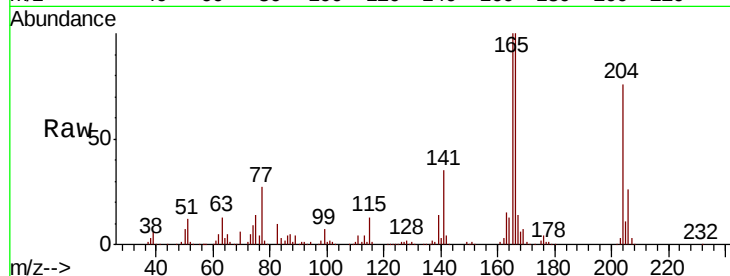




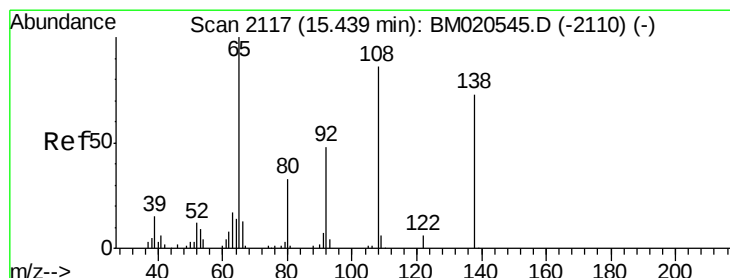
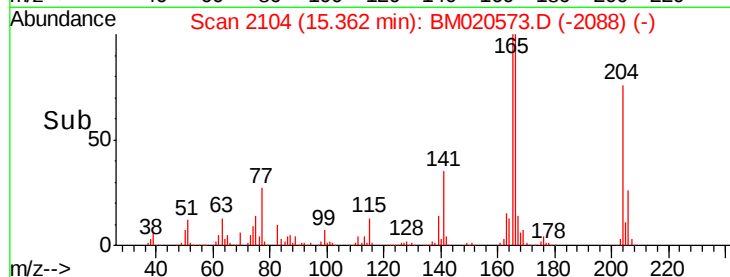
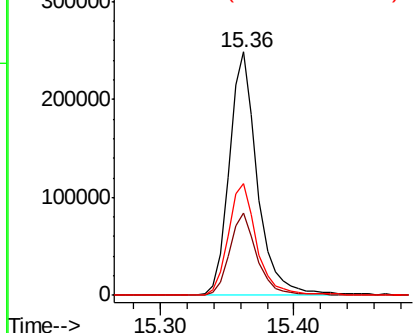
#61
 4-Chlorophenyl-phenylether
 Concen: 38.430 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	40.0
141	45.9	36.9	55.3

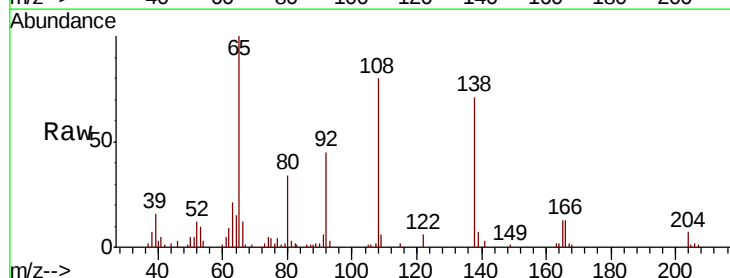


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

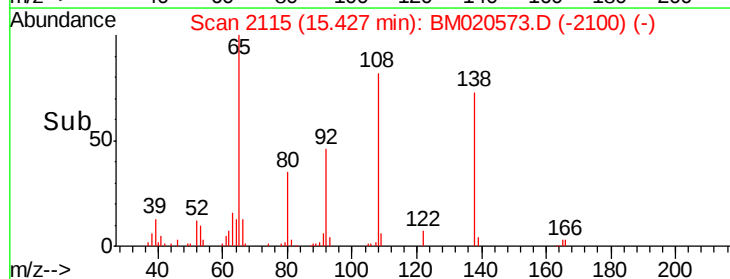
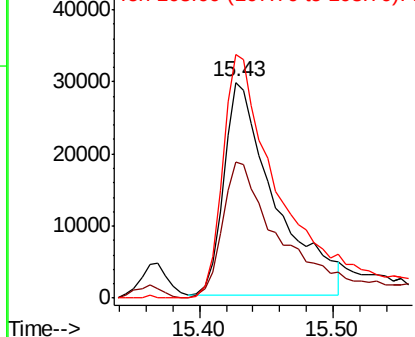


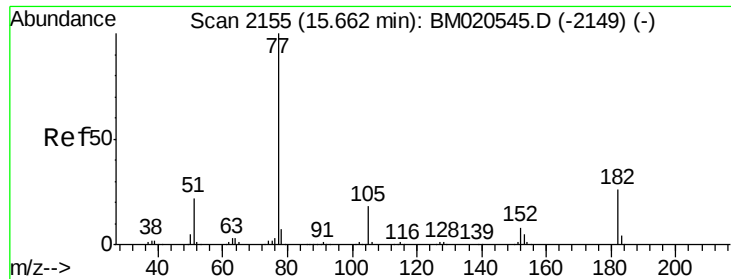
#62
 4-Nitroaniline
 Concen: 29.271 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.2	44.5	84.5
108	112.8	95.9	135.9



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: 38.873 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 572431

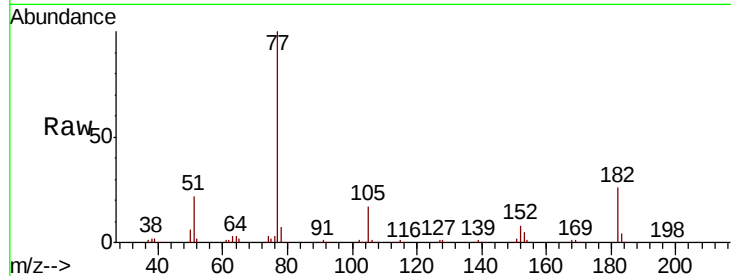
Ion Ratio Lower Upper

77 100

182 26.4 5.7 45.7

105 16.9 0.0 37.6

51 21.9 1.7 41.7

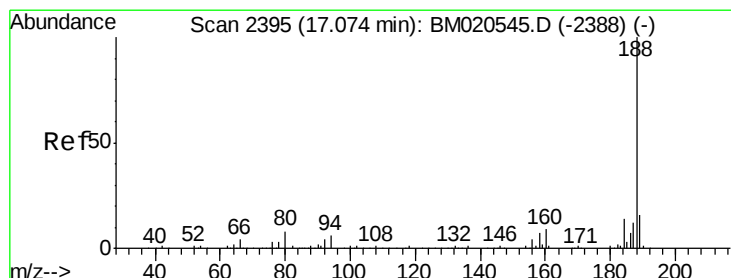
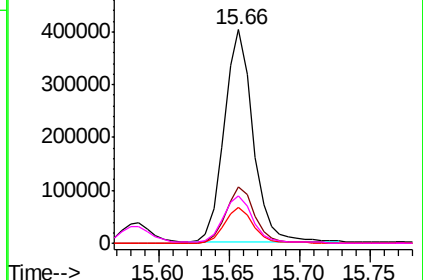
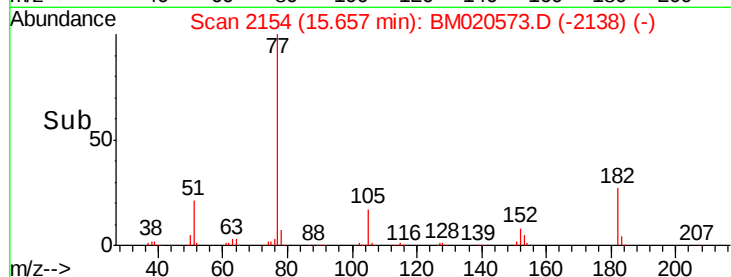


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

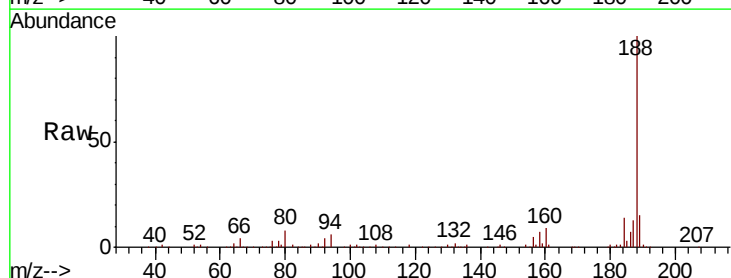
Tgt Ion: 188 Resp: 438542

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

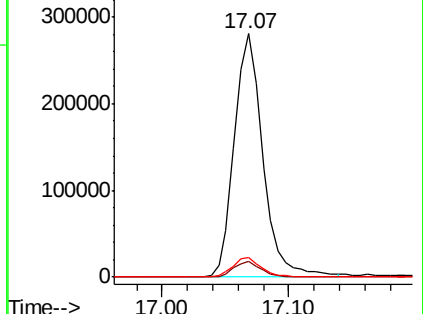
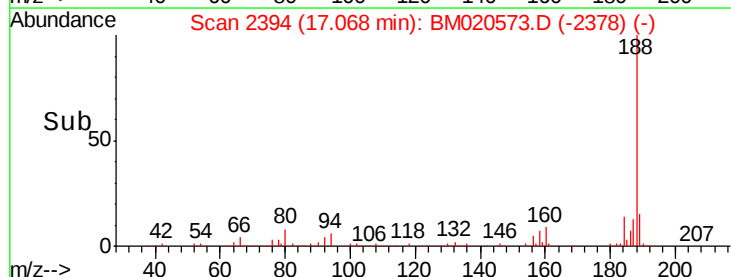
80 8.2 6.5 9.7

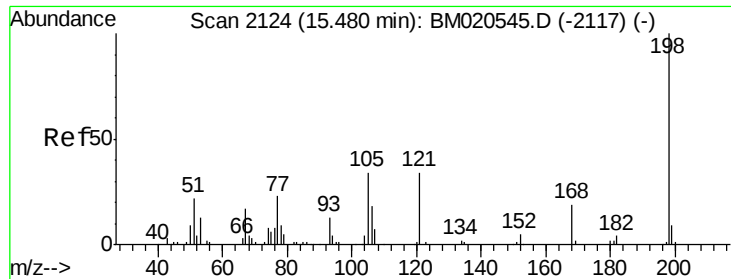


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

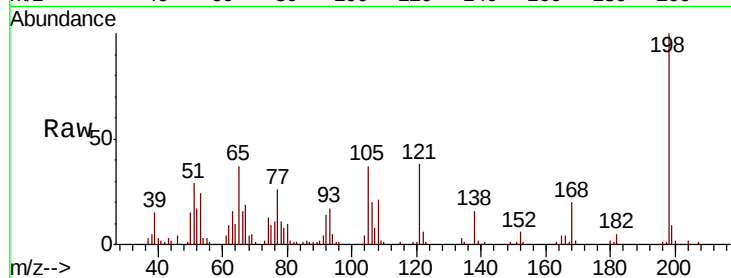




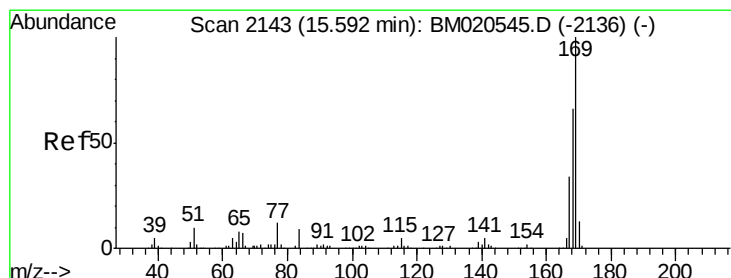
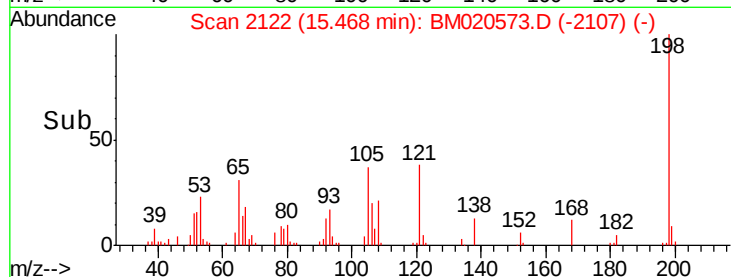
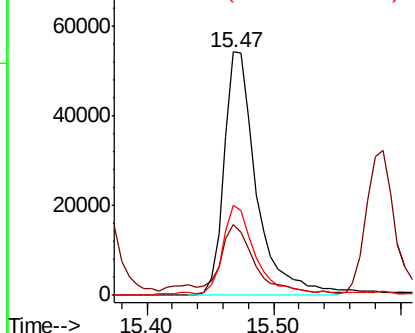
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.409 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 96252
 Ion Ratio Lower Upper
 198 100
 51 29.3 6.4 46.4
 105 37.2 15.1 55.1

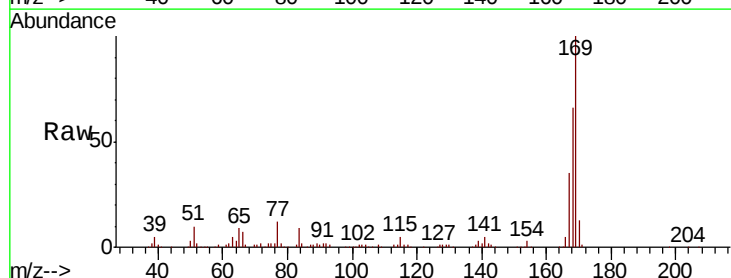


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM020573.D (-2117) (-)
 Ion 105.00 (104.70 to 105.70): E

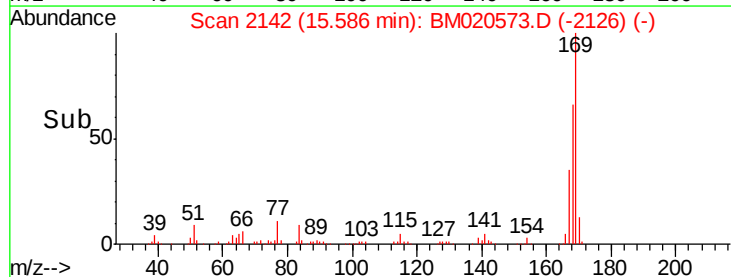
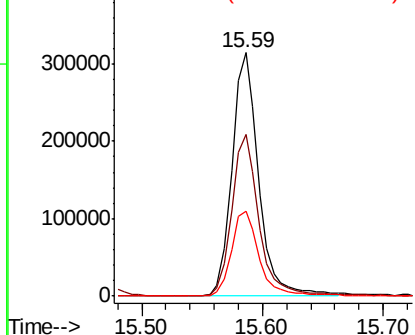


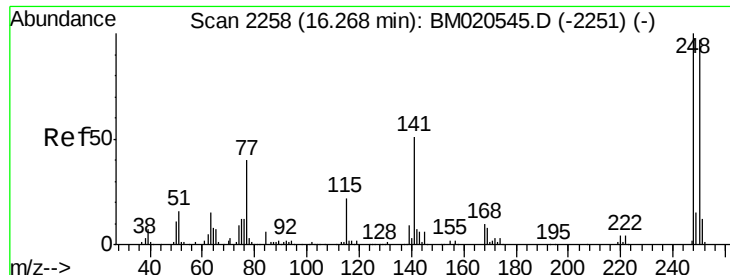
#66
 n-Nitrosodiphenylamine
 Concen: 40.627 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:169 Resp: 483095
 Ion Ratio Lower Upper
 169 100
 168 66.4 52.5 78.7
 167 34.9 27.5 41.3



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

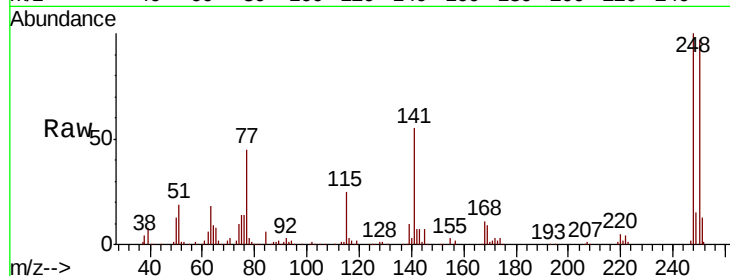




#67
 4-Bromophenyl-phenylether
 Concen: 40.911 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.6
141	55.4	41.0	61.6

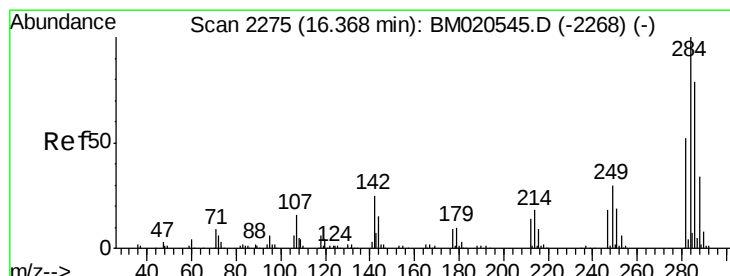
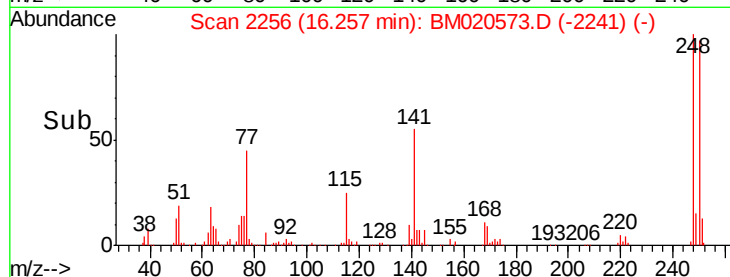
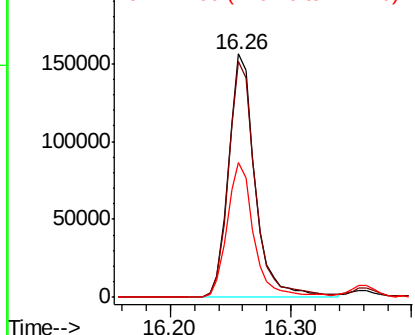


Abundance

Ion 248.00 (247.70 to 248.70): E

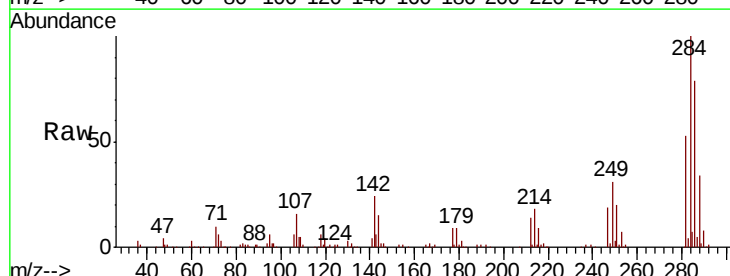
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.051 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.8	20.2	30.2
249	30.8	23.9	35.9

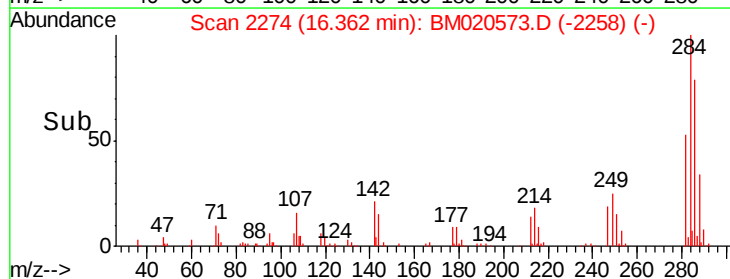
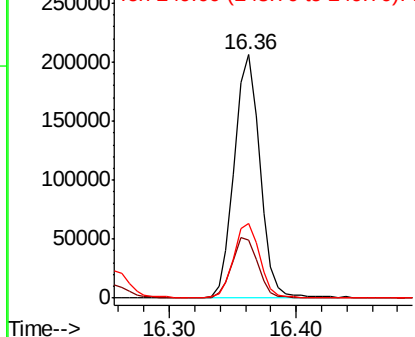


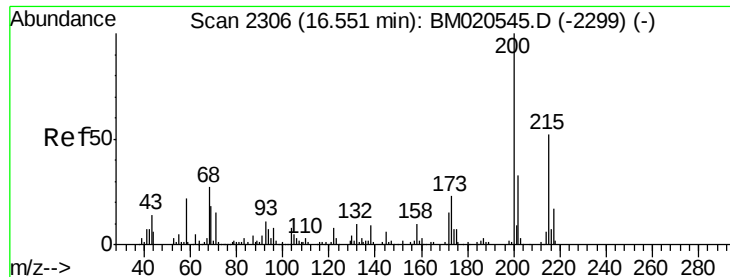
Abundance

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: 41.466 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

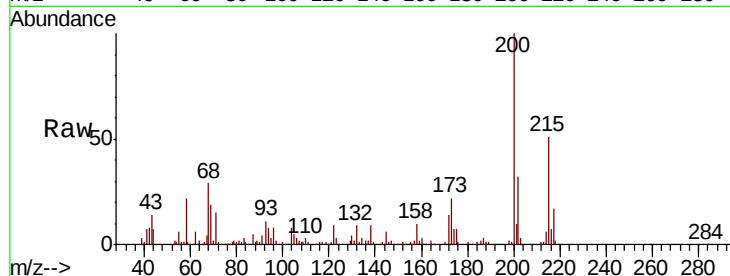
Tot Ion:200 Resp: 202866

Ion Ratio Lower Upper

200 100

173 22.0 3.2 43.2

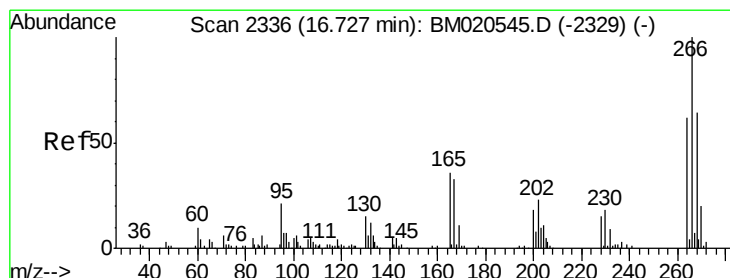
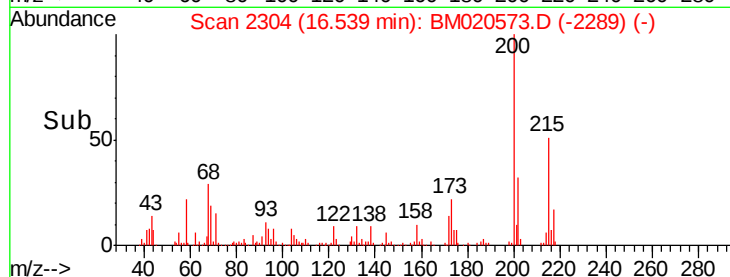
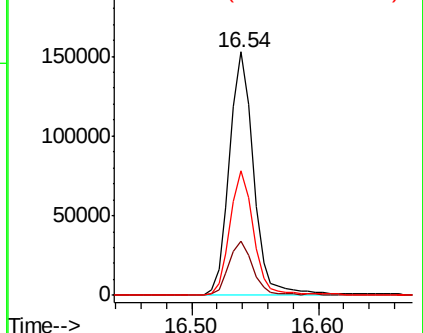
215 51.4 31.7 71.7



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: 38.936 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

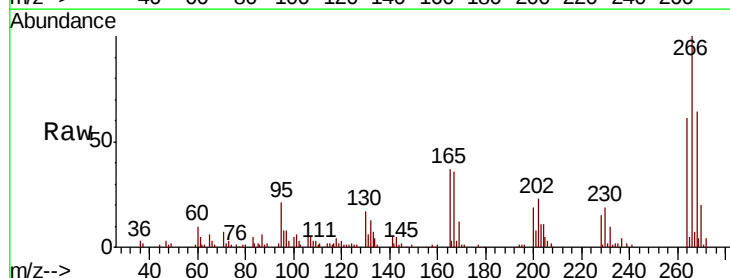
Tgt Ion:266 Resp: 142458

Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

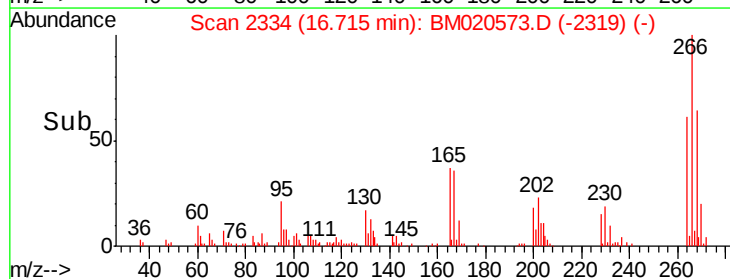
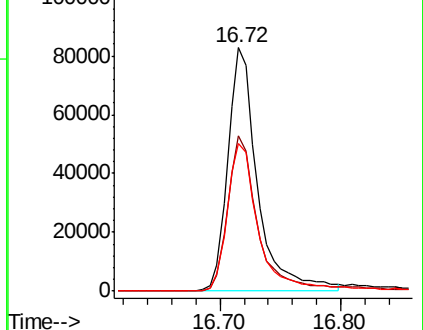
264 60.8 49.8 74.8

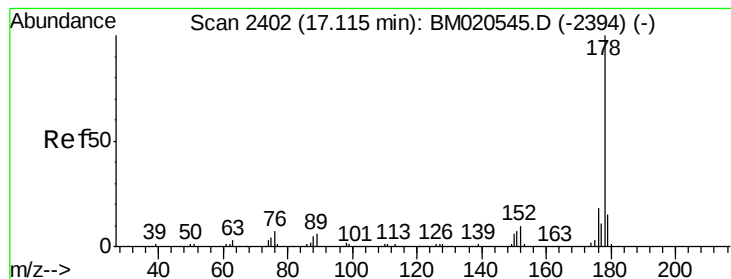


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.198 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

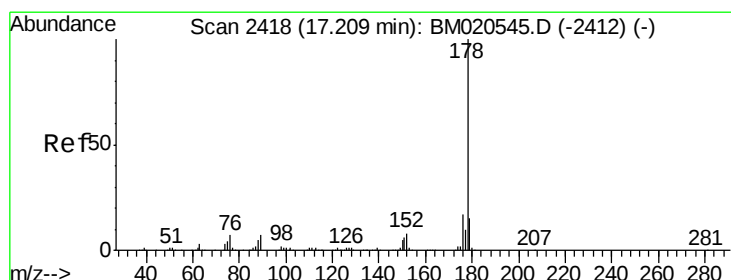
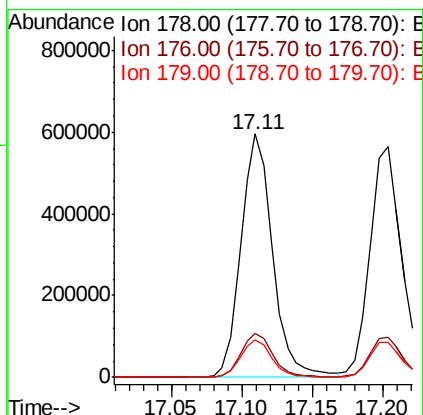
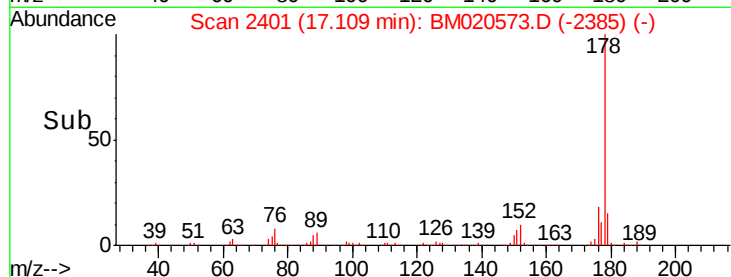
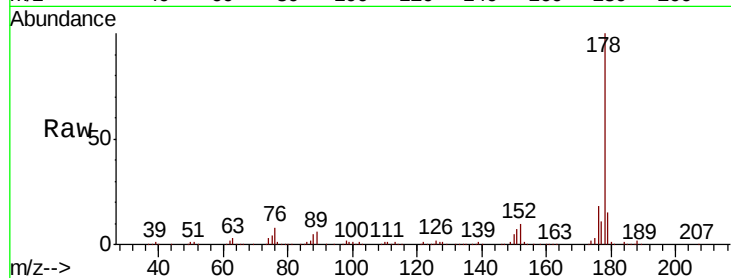
Tot Ion:178 Resp: 933853

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.4 12.2 18.2



#72

Anthracene

Concen: 38.050 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

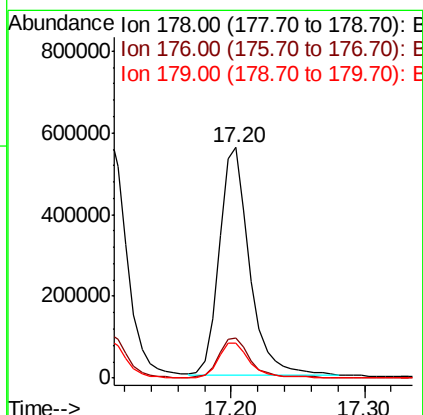
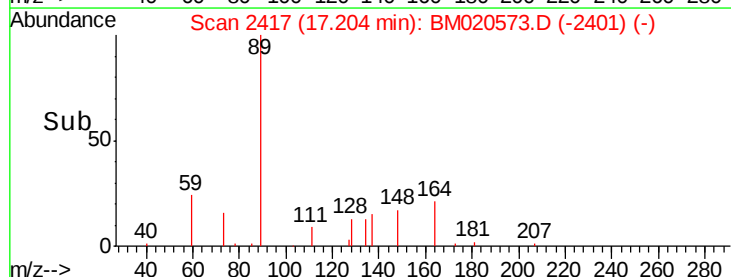
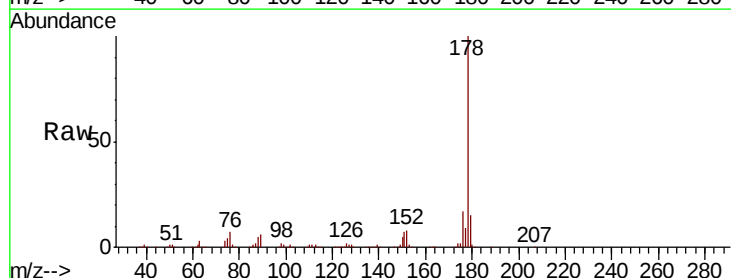
Tgt Ion:178 Resp: 879110

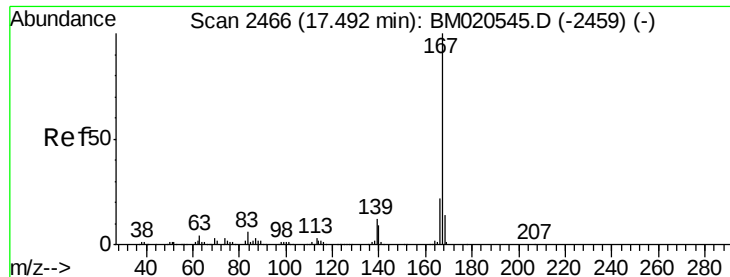
Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

179 15.2 12.4 18.6

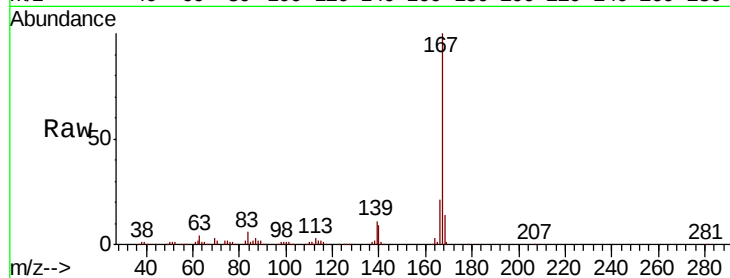




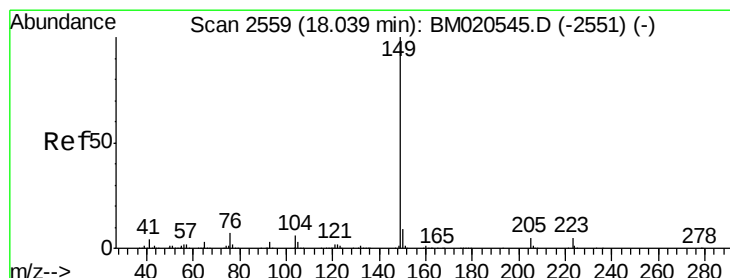
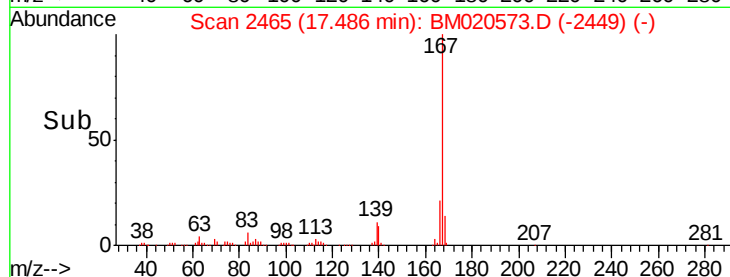
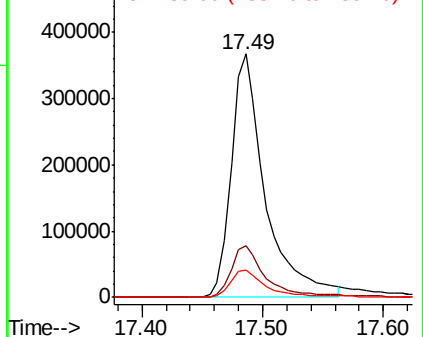
#73
 Carbazole
 Concen: 36.309 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	11.2	9.3	13.9

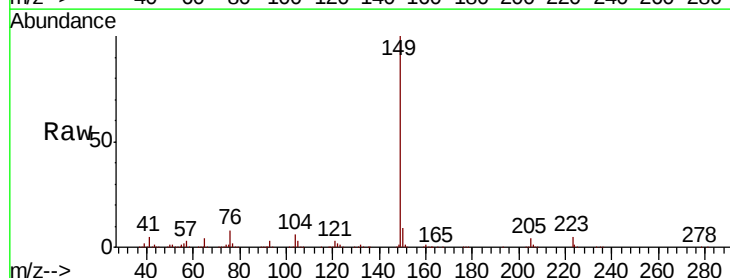


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

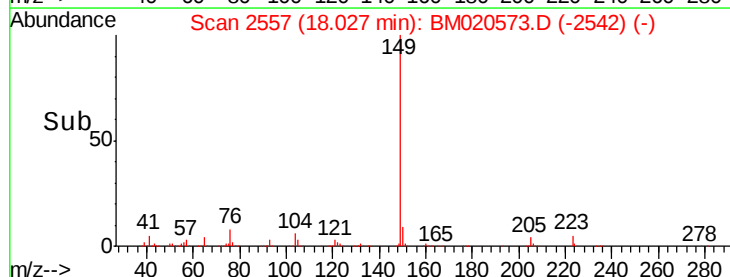
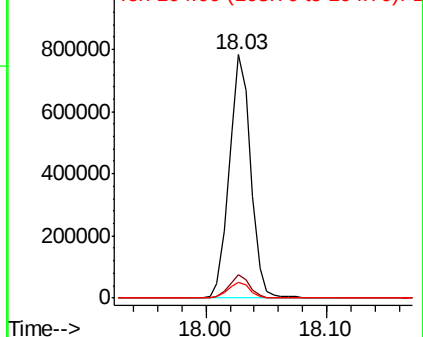


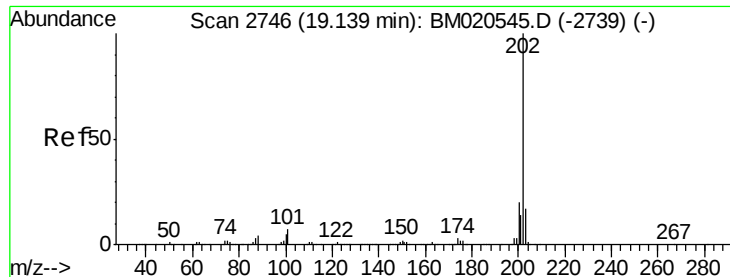
#74
 Di-n-butylphthalate
 Concen: 39.807 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	6.5	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.636 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampleId :

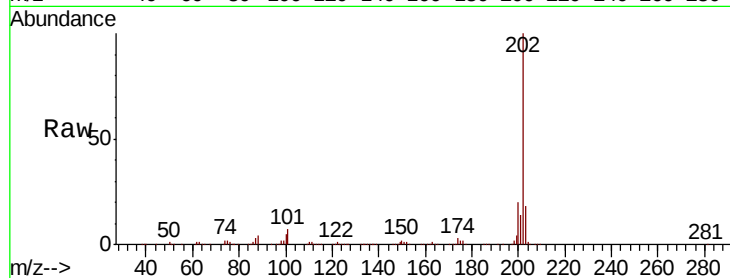
Tot Ion:202 Resp: 1213746

Ion Ratio Lower Upper

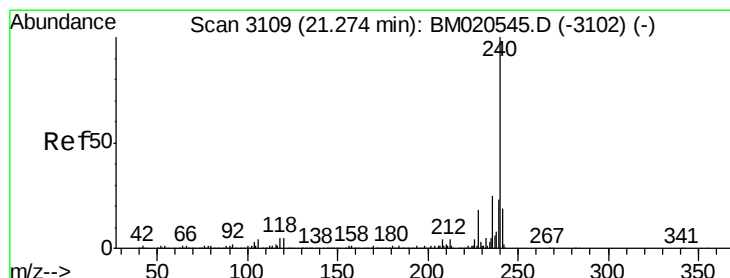
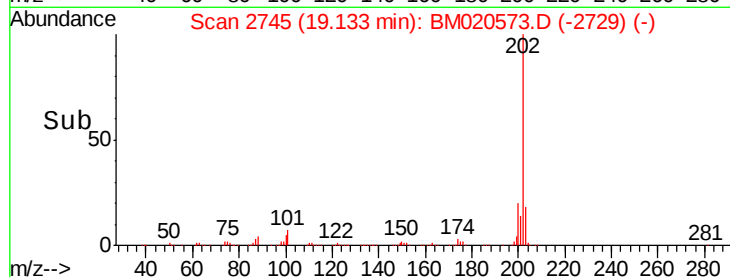
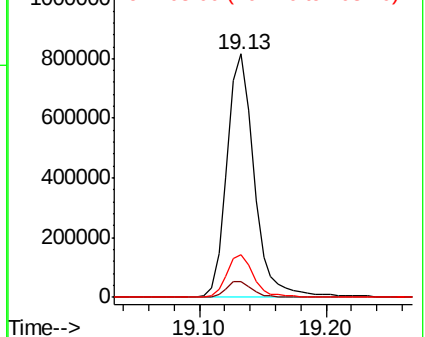
202 100

101 6.7 0.0 26.7

203 17.7 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

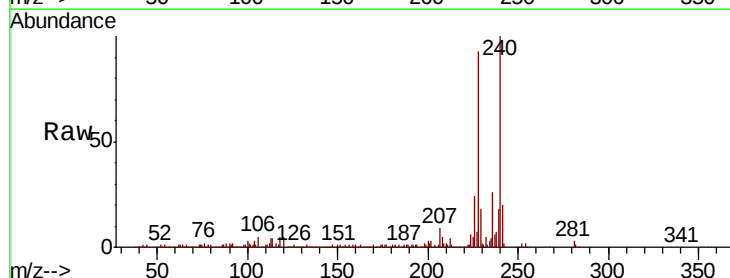
Tgt Ion:240 Resp: 438666

Ion Ratio Lower Upper

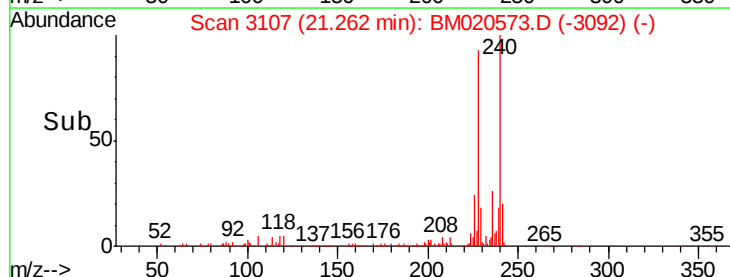
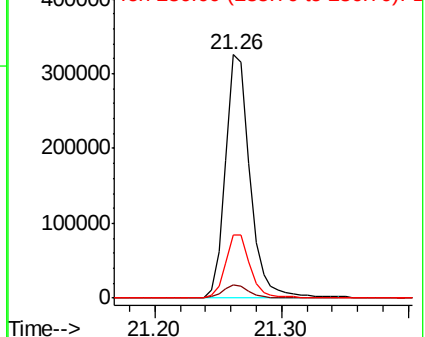
240 100

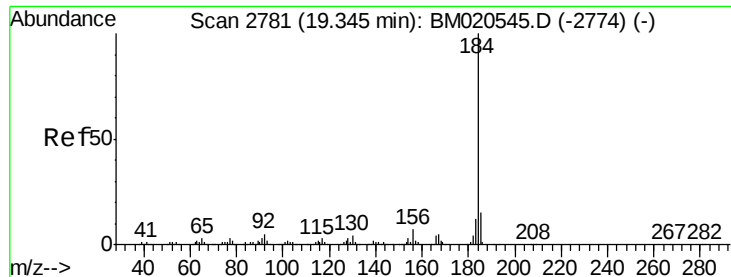
120 5.5 4.1 6.1

236 25.7 20.2 30.4



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: 34.887 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

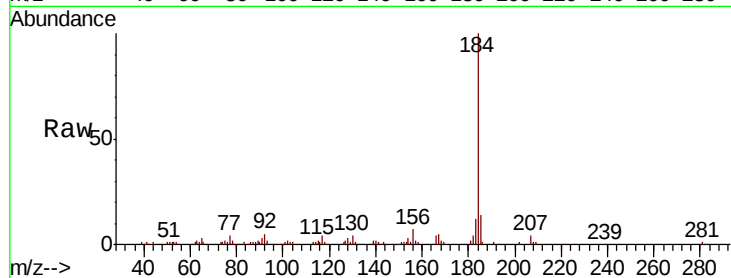
Tot Ion:184 Resp: 281243

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

183 11.8 9.7 14.5

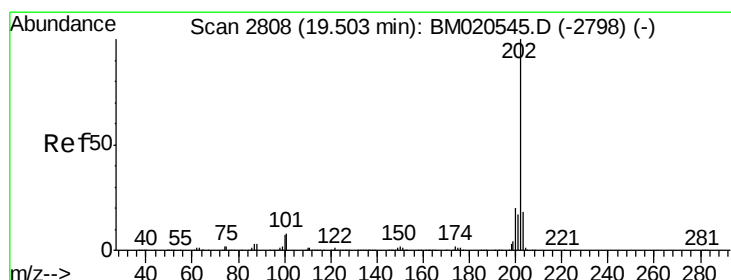
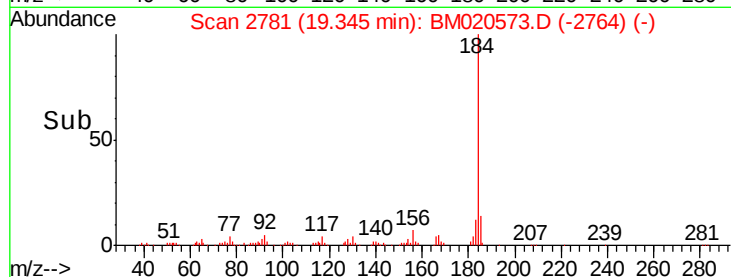
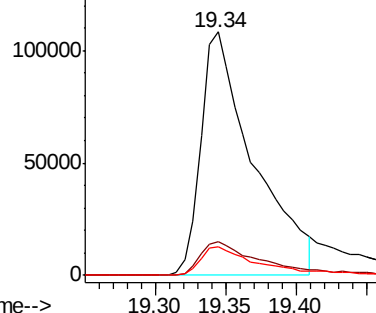


Abundance

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: 44.649 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

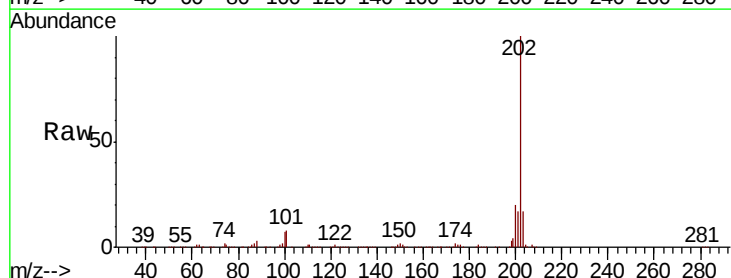
Tgt Ion:202 Resp: 1229611

Ion Ratio Lower Upper

202 100

200 20.0 16.0 24.0

203 17.2 14.1 21.1

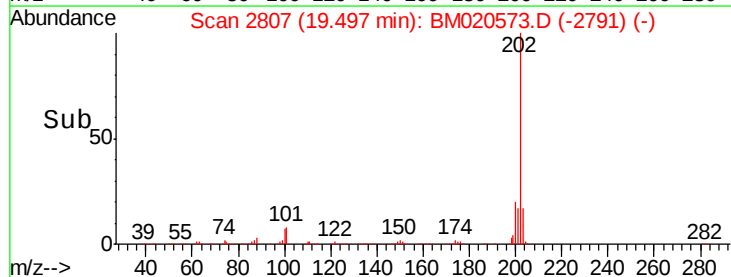
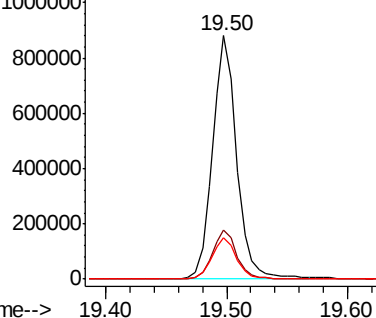


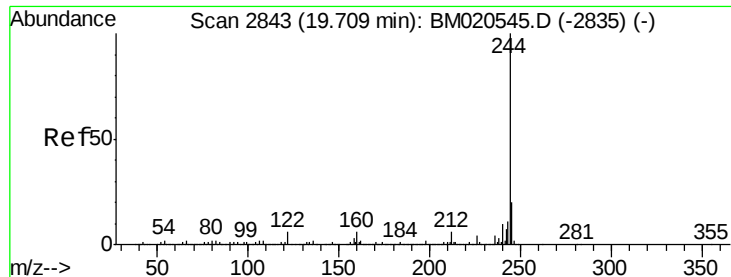
Abundance

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

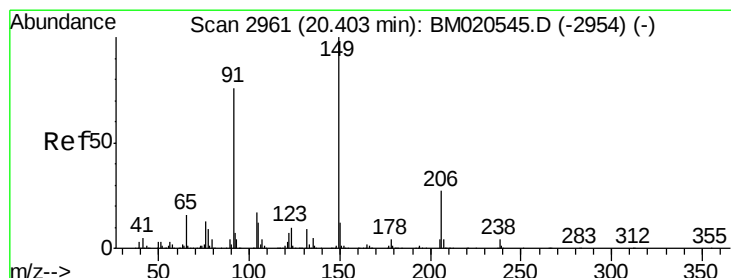
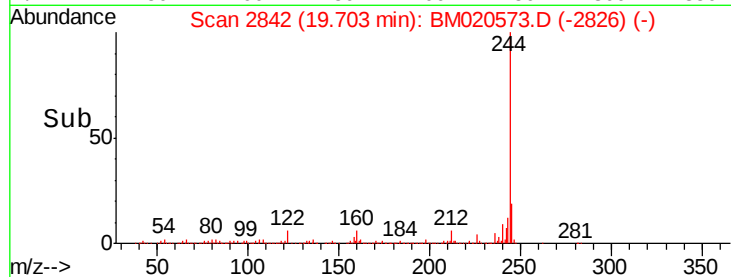
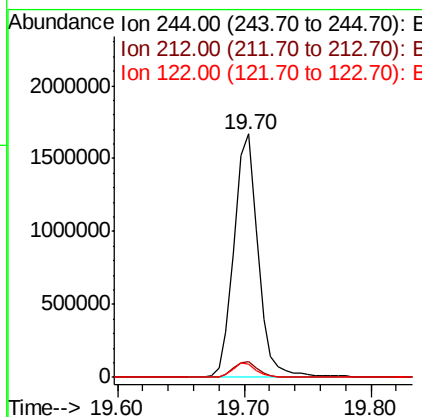
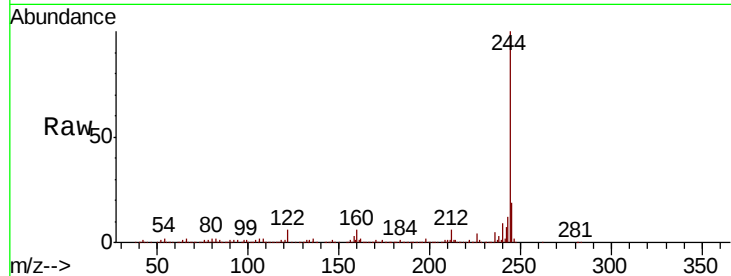




#79
 Terphenyl-d14
 Concen: 90.568 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

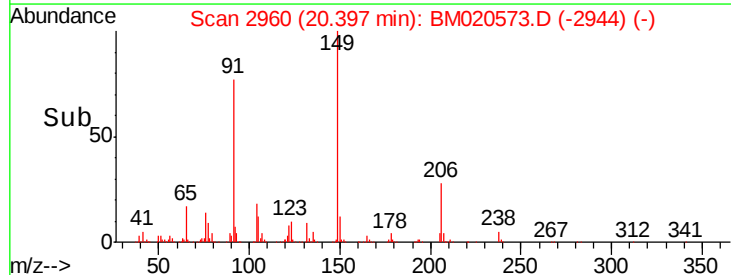
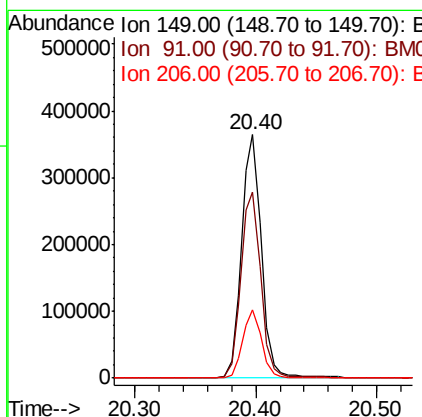
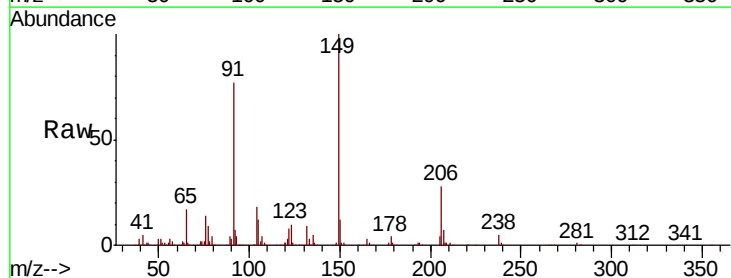
Instrument :
 BNA_M
 ClientSampled :

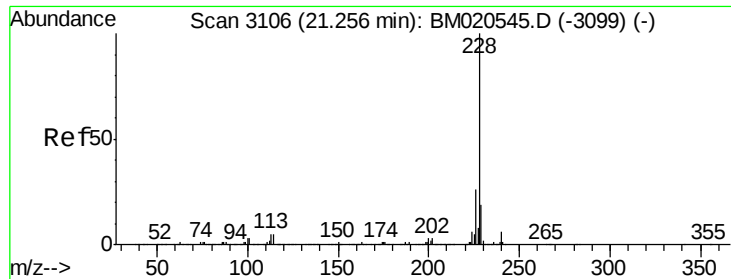
Tot Ion:244 Resp: 2197679
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 5.6 4.6 7.0



#80
 Butylbenzylphthalate
 Concen: 43.295 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:149 Resp: 418935
 Ion Ratio Lower Upper
 149 100
 91 76.5 60.9 91.3
 206 28.1 21.6 32.4

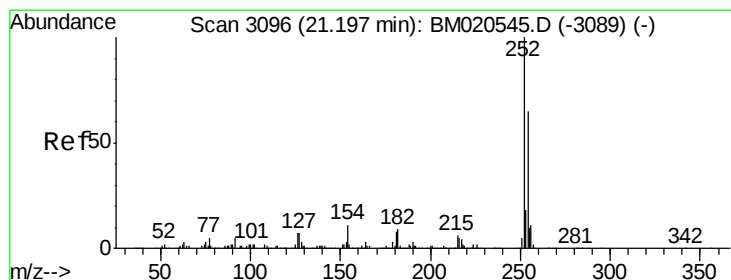
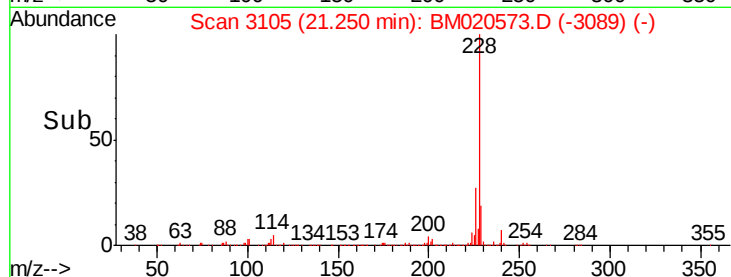
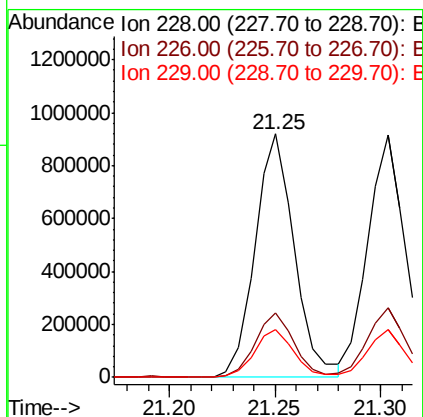
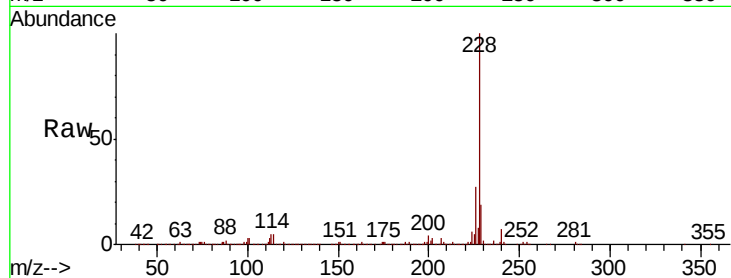




#81
Benzo(a)anthracene
Concen: 39.218 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

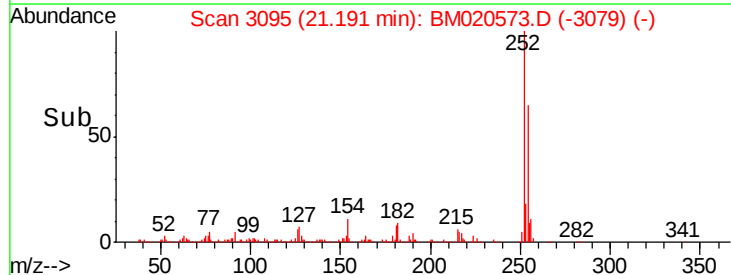
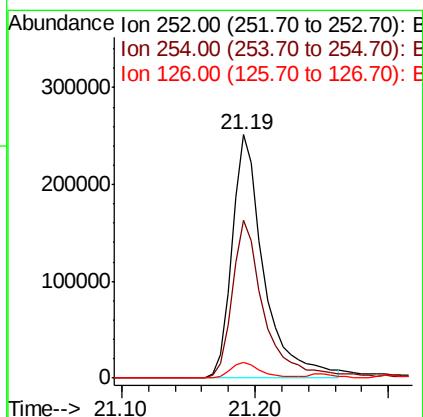
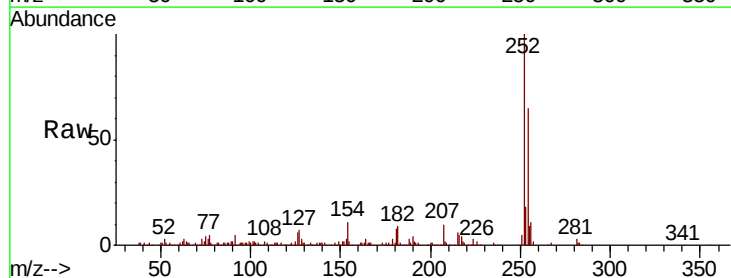
Instrument :
BNA_M
ClientSampleId :

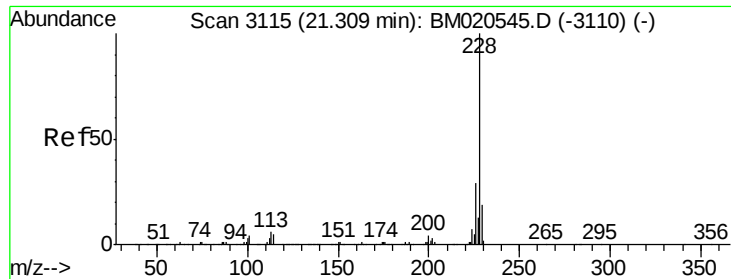
Tot Ion:228 Resp: 1190669
Ion Ratio Lower Upper
228 100
226 26.7 20.7 31.1
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 37.638 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:252 Resp: 417087
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 6.3 5.2 7.8



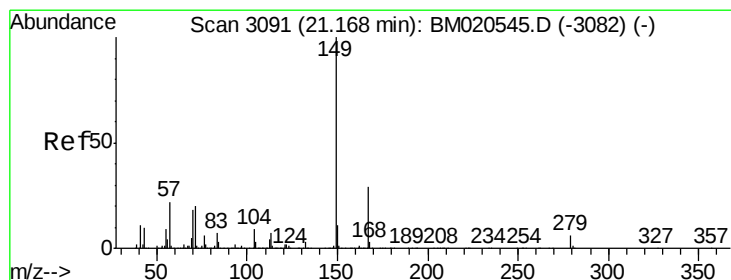
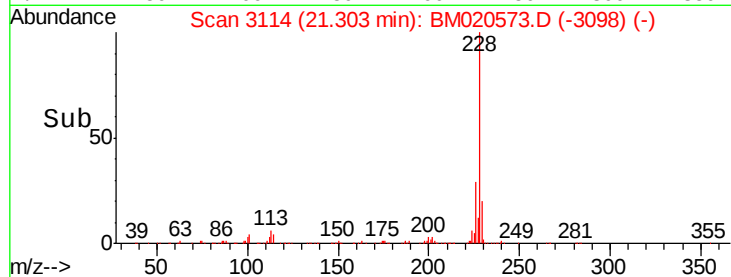
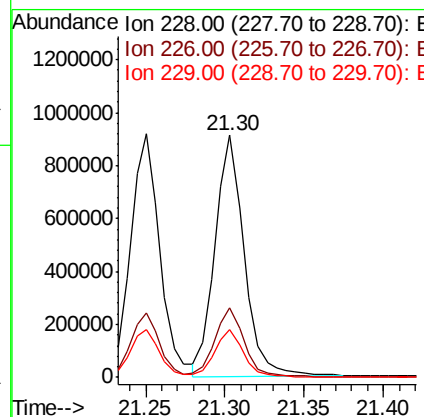
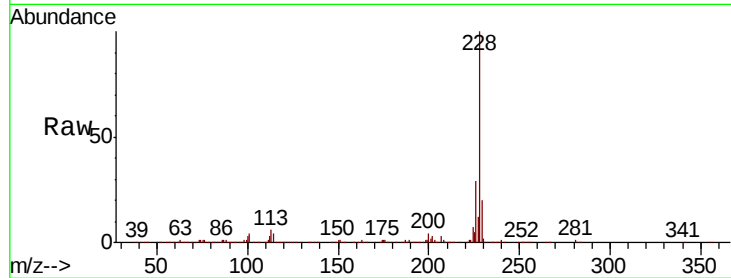


#83
 Chrysene
 Concen: 39.572 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1160924

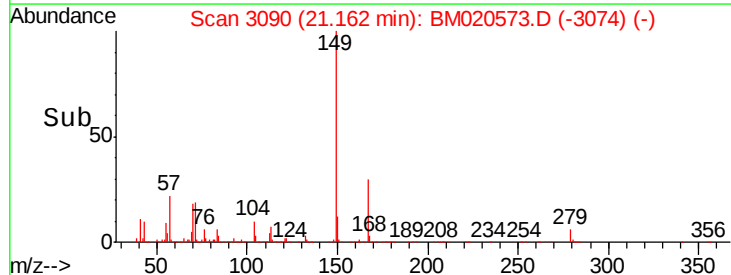
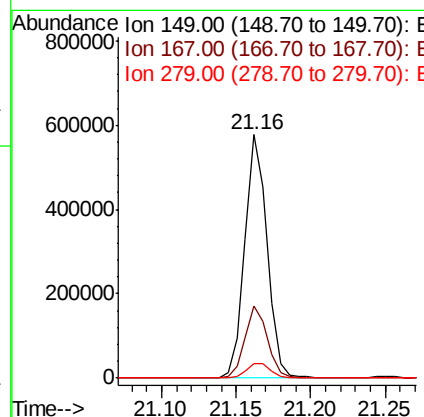
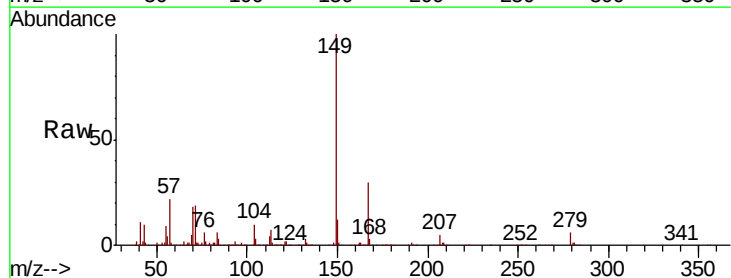
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.9	15.4	23.2

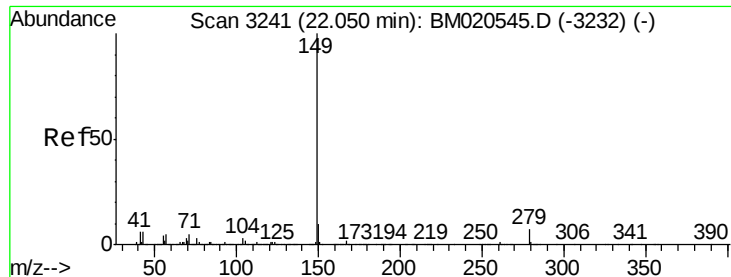


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.479 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM020573.D
 Acq: 28 May 2019 10:11

Tgt Ion:149 Resp: 599087

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.9	34.3
279	6.1	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 39.877 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

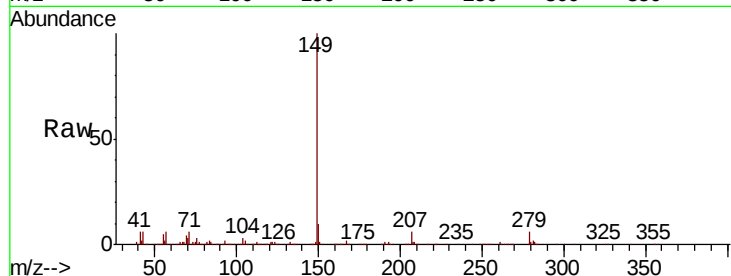
Tot Ion:149 Resp: 977675

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

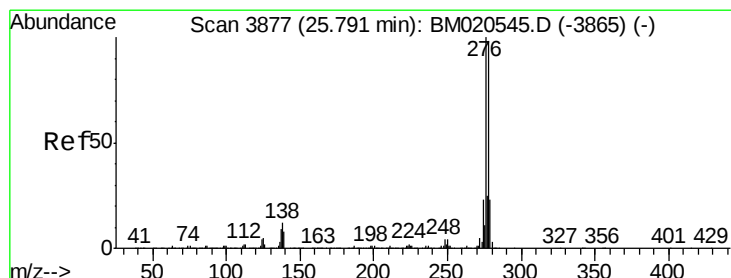
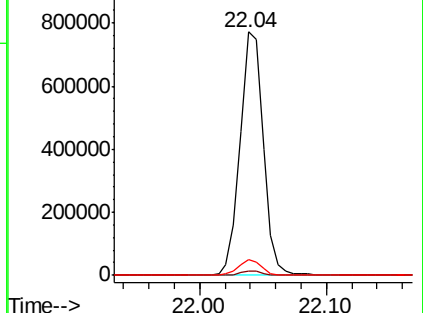
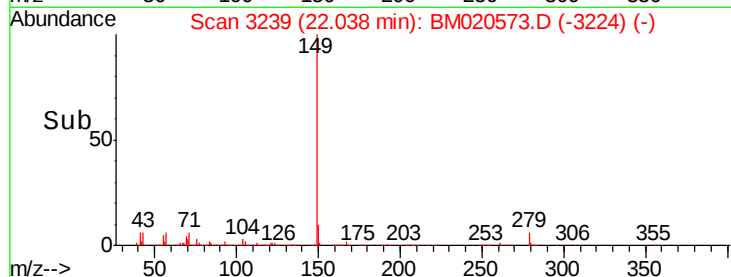
43 6.0 4.8 7.2



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: 37.830 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

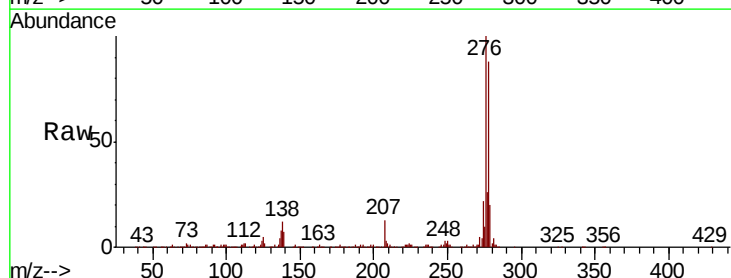
Tgt Ion:276 Resp: 1341870

Ion Ratio Lower Upper

276 100

138 11.8 9.7 14.5

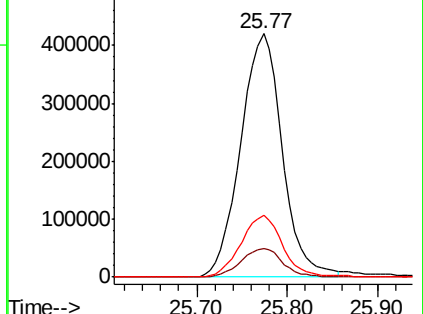
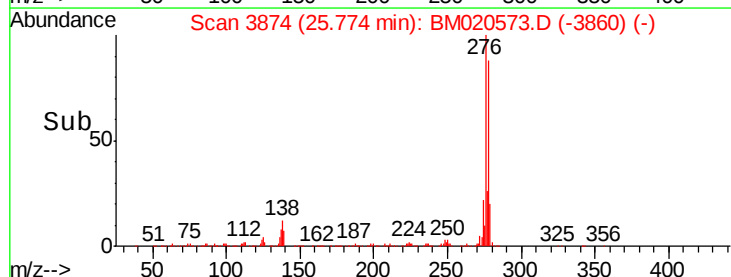
277 25.3 20.4 30.6

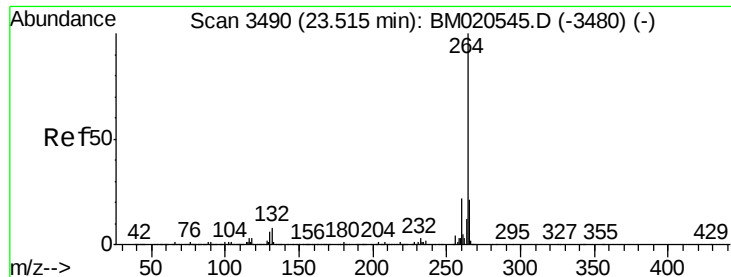


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

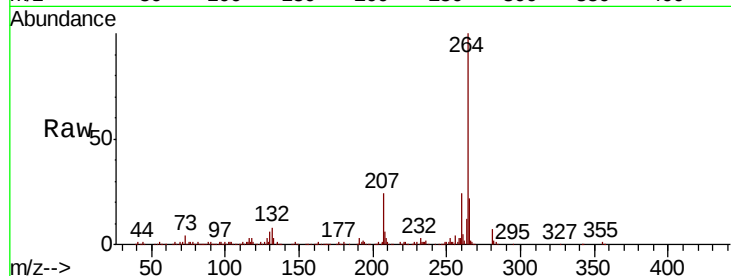
Tot Ion:264 Resp: 450395

Ion Ratio Lower Upper

264 100

260 23.7 17.7 26.5

265 22.4 17.4 26.2

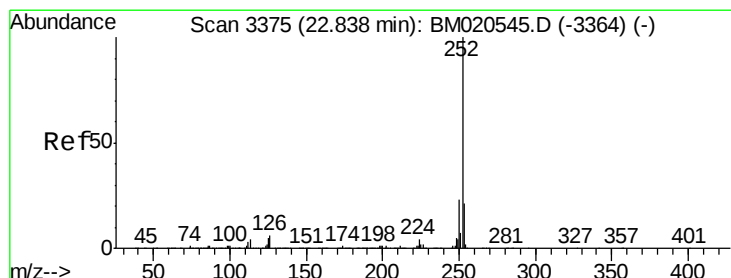
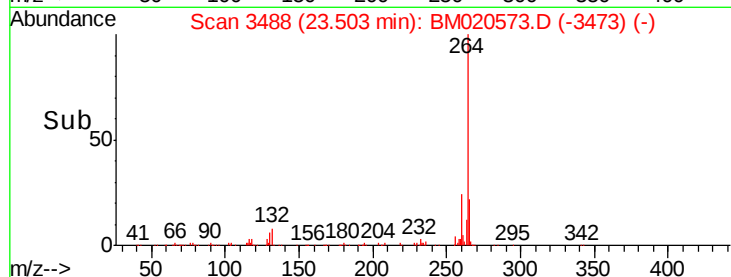
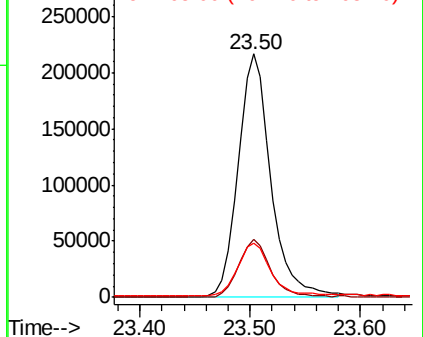


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.155 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

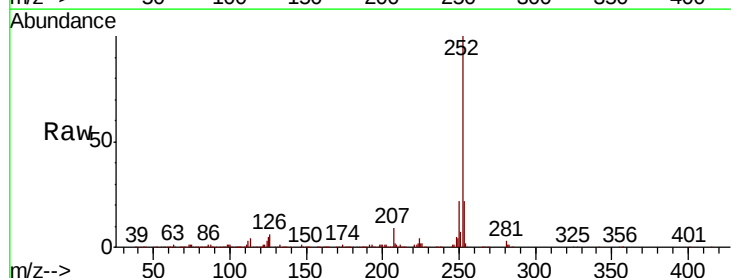
Tgt Ion:252 Resp: 1124762

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 4.7 3.8 5.8

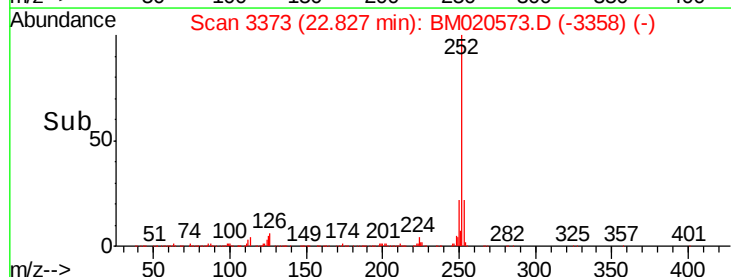
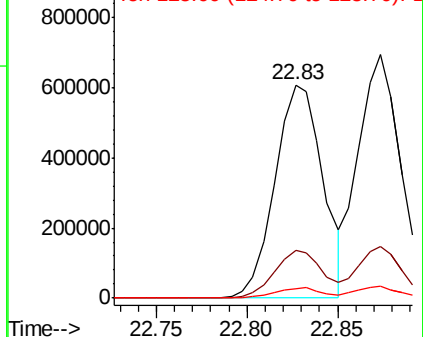


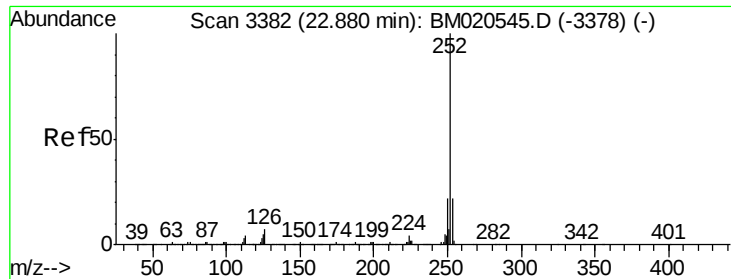
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.120 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

Instrument :

BNA_M

ClientSampled :

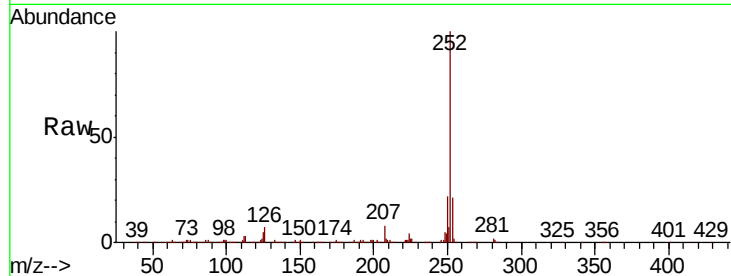
Tot Ion:252 Resp: 1147868

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

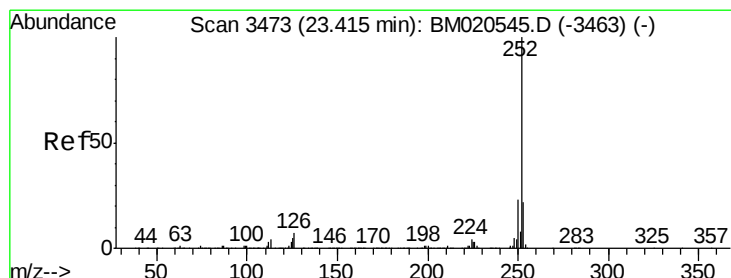
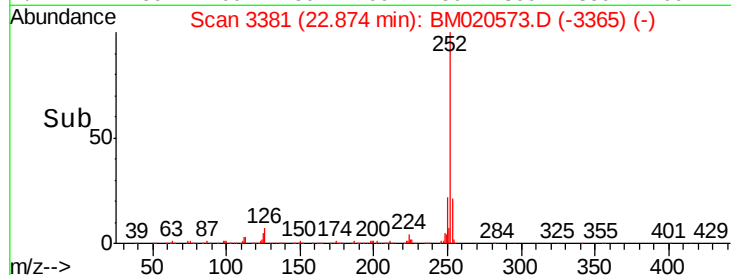
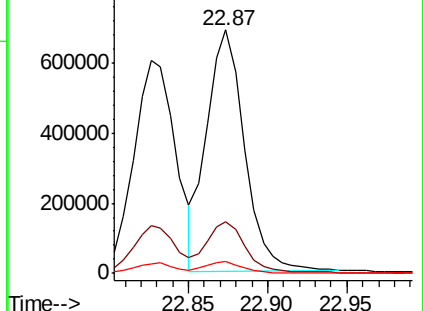
125 4.8 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.184 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM020573.D

Acq: 28 May 2019 10:11

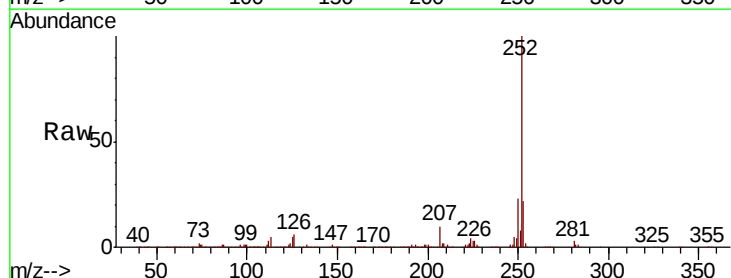
Tgt Ion:252 Resp: 1062959

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

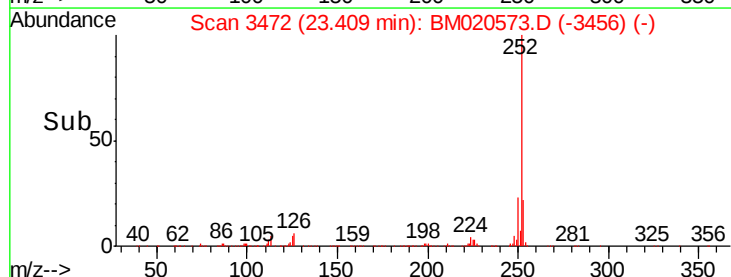
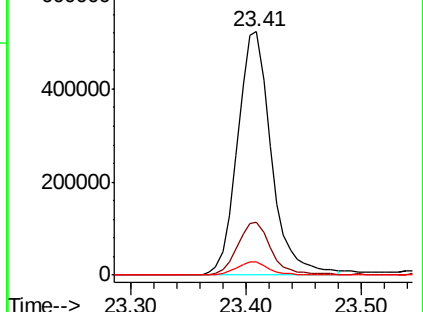
125 5.3 4.2 6.4

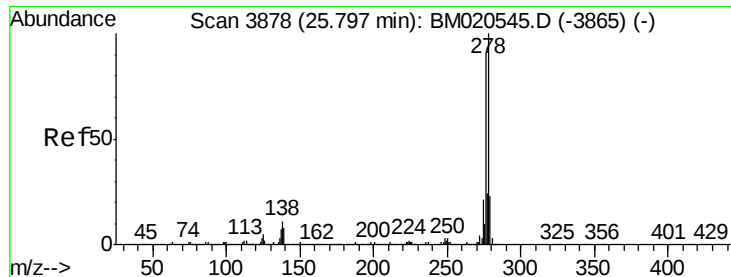


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

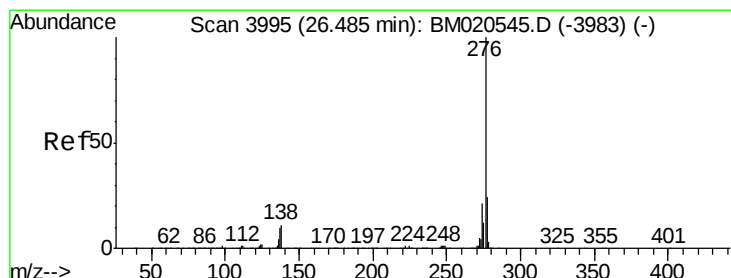
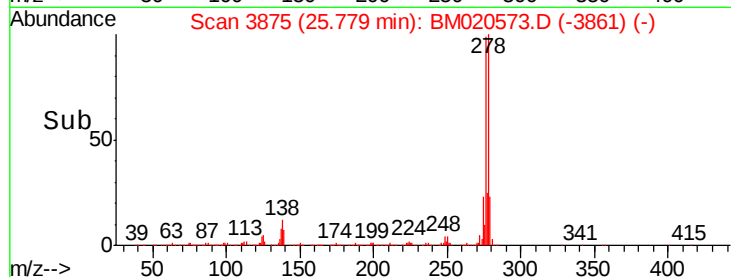
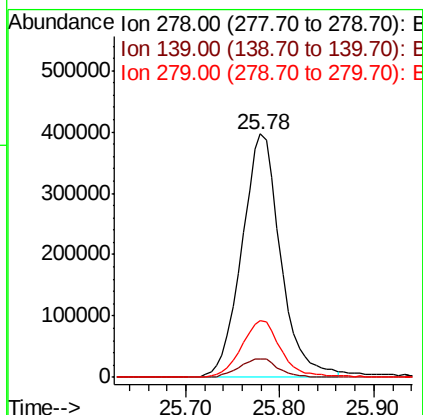
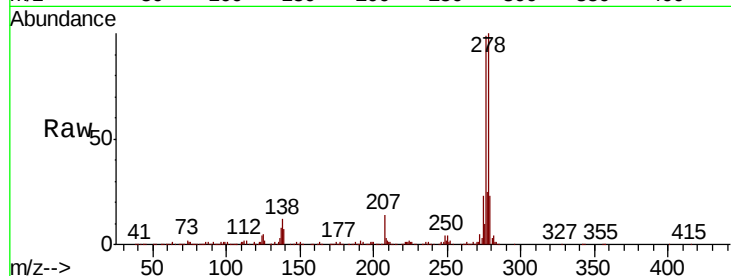




#91
Dibenzo(a,h)anthracene
Concen: 40.812 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1133287
Ion Ratio Lower Upper
278 100
139 7.5 6.3 9.5
279 23.3 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 41.819 ng
RT: 26.47 min Scan# 3992
Delta R.T. -0.02 min
Lab File: BM020573.D
Acq: 28 May 2019 10:11

Tgt Ion:276 Resp: 1076457
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 9.5 8.6 12.8

