

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020580.D
 Acq On : 28 May 2019 14:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 14:59:38 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	55761	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	193524	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	128738	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	332423	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	411582	20.00	ng	-0.01
87) Perylene-d12	23.50	264	459100	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	227146	79.92	ng	-0.01
7) Phenol-d6	6.83	99	316214	73.71	ng	-0.02
23) Nitrobenzene-d5	8.82	82	380052	82.43	ng	-0.02
42) 2,4,6-Tribromophenol	15.81	330	195532	75.81	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	849200	82.77	ng	-0.01
79) Terphenyl-d14	19.70	244	1810521	79.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	70435	47.356	ng	96
3) Pyridine	3.57	79	168349	38.467	ng	99
4) n-Nitrosodimethylamine	3.50	42	44645	42.326	ng	# 95
6) Aniline	6.99	93	220887	35.594	ng	98
8) 2-Chlorophenol	7.22	128	132991	38.264	ng	99
9) Benzaldehyde	6.81	77	103250	37.698	ng	98
10) Phenol	6.86	94	170788	36.867	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	124529	36.021	ng	98
12) 1,3-Dichlorobenzene	7.53	146	178296	40.057	ng	98
13) 1,4-Dichlorobenzene	7.69	146	171832	38.622	ng	96
14) 1,2-Dichlorobenzene	8.00	146	177587	39.815	ng	99
15) Benzyl Alcohol	7.90	79	125807	31.691	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	89515	37.151	ng	97
17) 2-Methylphenol	8.10	107	104134	34.049	ng	97
18) Hexachloroethane	8.71	117	77172	42.820	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	127826	33.556	ng	98
20) 3+4-Methylphenols	8.43	107	134169	32.712	ng	98
22) Acetophenone	8.49	105	203980	38.277	ng	# 98
24) Nitrobenzene	8.87	77	181739	39.912	ng	96
25) Isophorone	9.38	82	331662	38.659	ng	99
26) 2-Nitrophenol	9.57	139	59253	35.267	ng	98
27) 2,4-Dimethylphenol	9.63	122	91530	36.570	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	165182	36.987	ng	100
29) 2,4-Dichlorophenol	10.10	162	125133	37.591	ng	96
30) 1,2,4-Trichlorobenzene	10.30	180	194145	42.655	ng	99
31) Naphthalene	10.49	128	400244	40.055	ng	99
32) Benzoic acid	9.77	122	30200	24.355	ng	92
33) 4-Chloroaniline	10.63	127	129272	32.413	ng	99
34) Hexachlorobutadiene	10.75	225	156778	46.329	ng	97
35) Caprolactam	11.43	113	33313	30.407	ng	92
36) 4-Chloro-3-methylphenol	11.75	107	120346	33.222	ng	98
37) 2-Methylnaphthalene	12.11	142	281306	36.850	ng	98
38) 1-Methylnaphthalene	12.33	142	273802	37.018	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	234229	43.281	ng	99

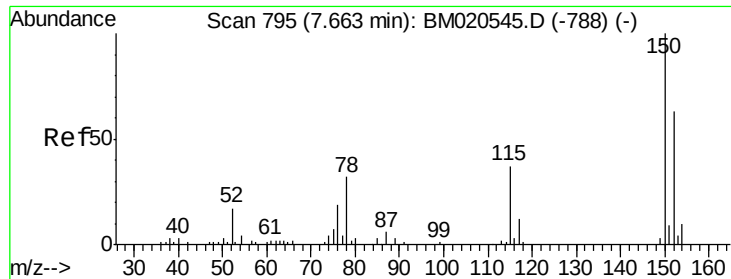
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020580.D
 Acq On : 28 May 2019 14:26
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 14:59:38 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	12.44	237	106415	44.260	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	129927	38.795	ng	97
44) 2,4,5-Trichlorophenol	12.81	196	112823	36.075	ng	99
46) 1,1'-Biphenyl	13.14	154	397058	40.046	ng	99
47) 2-Chloronaphthalene	13.18	162	341974	40.687	ng	98
48) 2-Nitroaniline	13.42	65	83806	33.650	ng	95
49) Acenaphthylene	14.03	152	495863	38.794	ng	100
50) Dimethylphthalate	13.77	163	435393	38.182	ng	100
51) 2,6-Dinitrotoluene	13.91	165	90361	38.021	ng	96
52) Acenaphthene	14.37	154	303739	39.433	ng	98
53) 3-Nitroaniline	14.26	138	61730	31.340	ng	97
54) 2,4-Dinitrophenol	14.47	184	41649	34.158	ng	95
55) Dibenzofuran	14.72	168	518593	38.907	ng	99
56) 4-Nitrophenol	14.57	139	45471	34.667	ng	97
57) 2,4-Dinitrotoluene	14.71	165	121023	35.263	ng	# 85
58) Fluorene	15.36	166	420692	37.995	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	139638	38.371	ng	98
60) Diethylphthalate	15.14	149	432624	38.507	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	272987	38.619	ng	98
62) 4-Nitroaniline	15.43	138	58631	29.348	ng	93
63) Azobenzene	15.65	77	428197	39.168	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	71721	35.898	ng	94
66) n-Nitrosodiphenylamine	15.58	169	359040	39.833	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	180378	40.732	ng	97
68) Hexachlorobenzene	16.36	284	225756	42.046	ng	99
69) Atrazine	16.53	200	149434	40.295	ng	96
70) Pentachlorophenol	16.72	266	111186	40.090	ng	99
71) Phenanthrene	17.11	178	715321	39.610	ng	100
72) Anthracene	17.20	178	653446	37.312	ng	100
73) Carbazole	17.49	167	545383	36.287	ng	99
74) Di-n-butylphthalate	18.03	149	737027	39.864	ng	99
75) Fluoranthene	19.13	202	977453	38.922	ng	100
77) Benzidine	19.34	184	229009	30.277	ng	99
78) Pyrene	19.50	202	1019870	39.470	ng	99
80) Butylbenzylphthalate	20.40	149	354618	39.059	ng	99
81) Benzo(a)anthracene	21.24	228	1093695	38.394	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	388803	37.395	ng	99
83) Chrysene	21.30	228	1087100	39.494	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	535625	40.479	ng	99
85) Di-n-octyl phthalate	22.04	149	932123	40.520	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1417884	42.603	ng	100
88) Benzo(b)fluoranthene	22.83	252	1186543	39.487	ng	99
89) Benzo(k)fluoranthene	22.87	252	1136658	38.975	ng	99
90) Benzo(a)pyrene	23.40	252	1097081	39.675	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1184802	41.859	ng	99
92) Benzo(g,h,i)perylene	26.46	276	1130666	43.092	ng	99

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

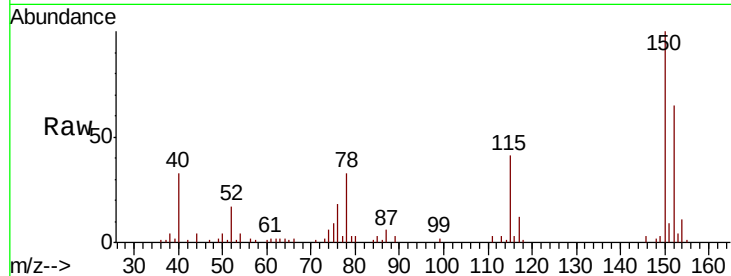


#1

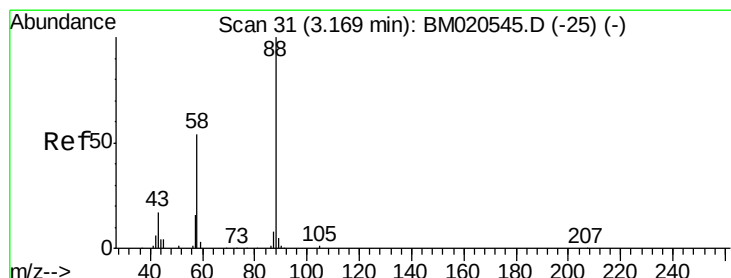
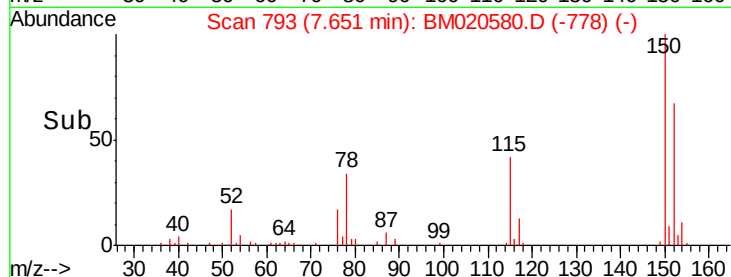
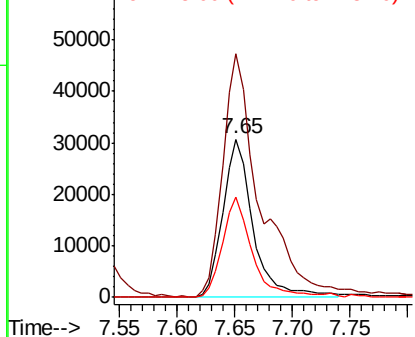
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	190.0
115	63.7	46.6	70.0



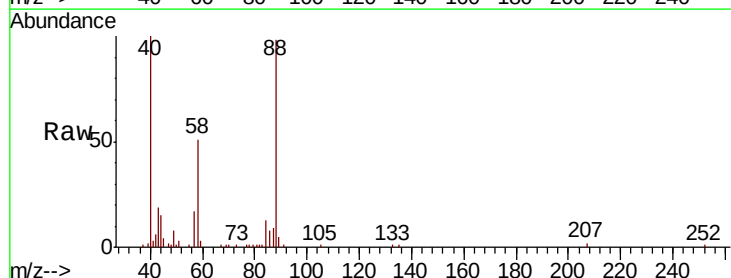
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



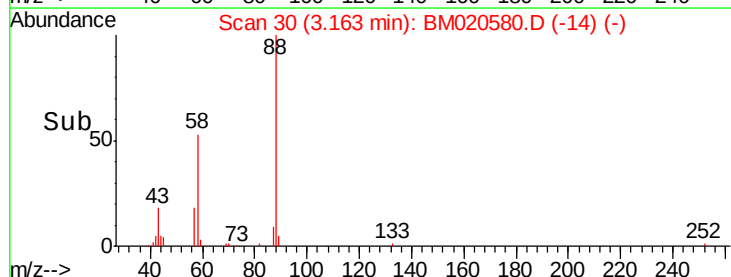
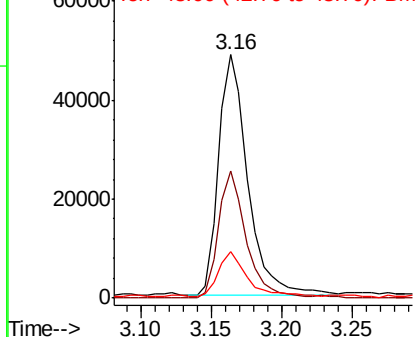
#2

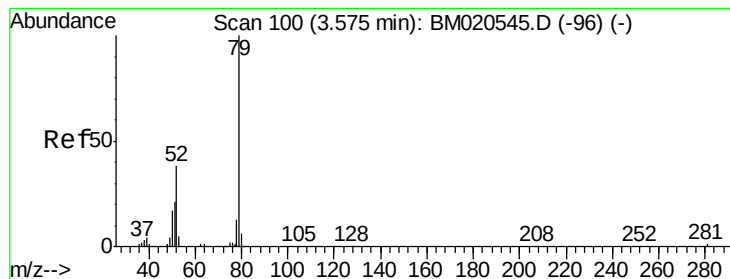
1,4-Dioxane
Concen: 47.356 ng
RT: 3.16 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.5	42.3	63.5
43	18.3	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: 38.467 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

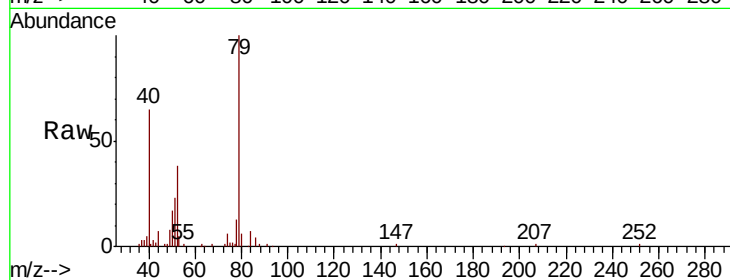
Tot Ion: 79 Resp: 168349

Ion Ratio Lower Upper

79 100

52 37.9 30.1 45.1

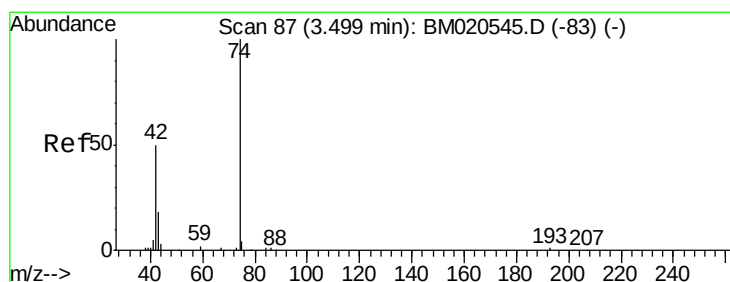
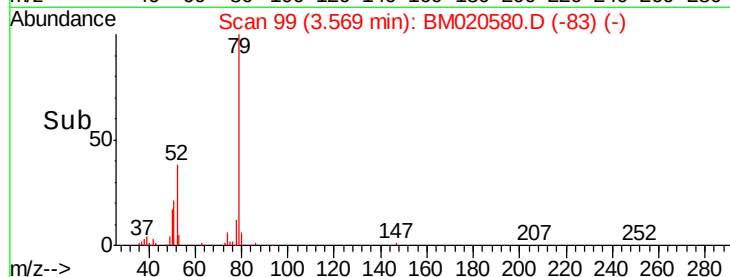
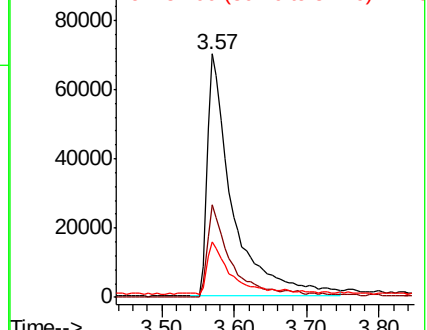
51 22.7 17.8 26.8



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: 42.326 ng

RT: 3.50 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

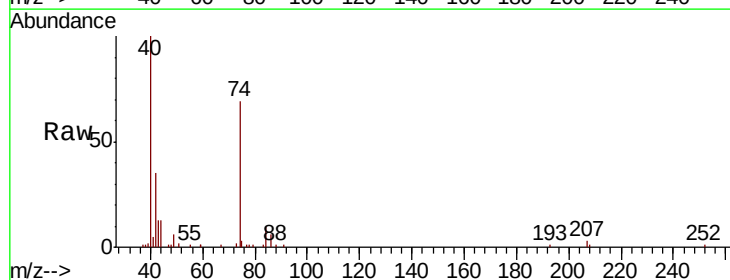
Tgt Ion: 42 Resp: 44645

Ion Ratio Lower Upper

42 100

74 197.4 161.1 241.7

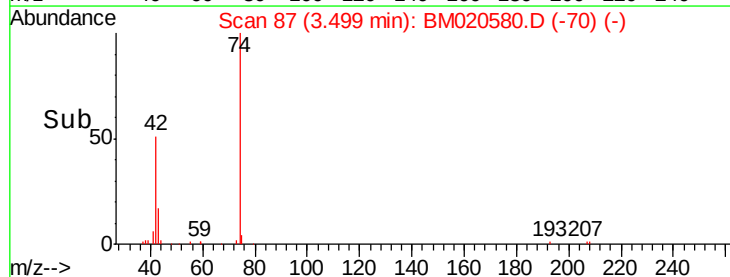
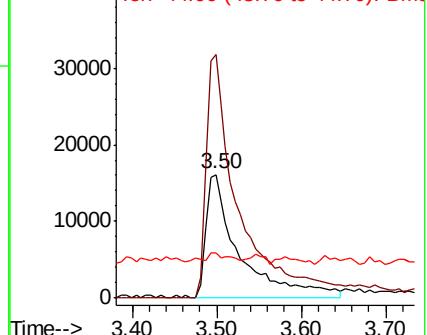
44 36.7 20.9 31.3#

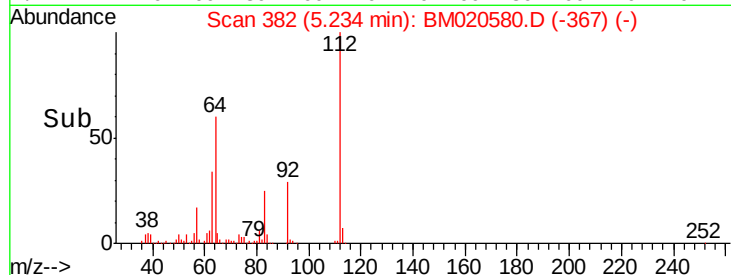
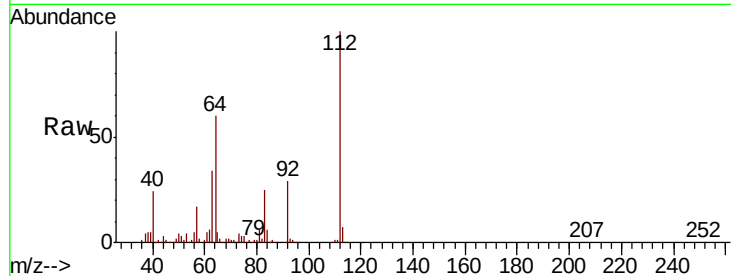
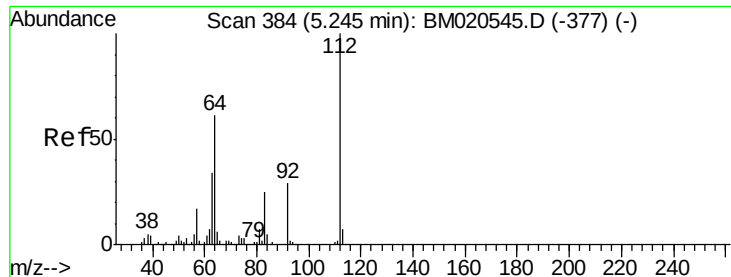


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

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: 79.916 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

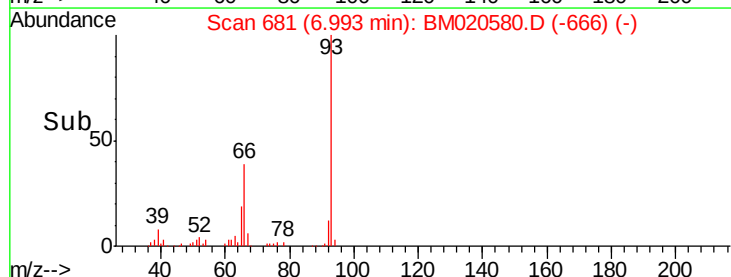
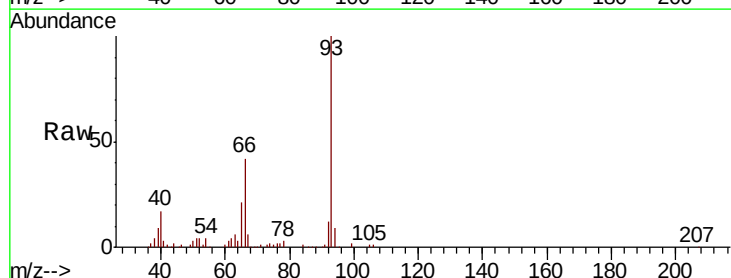
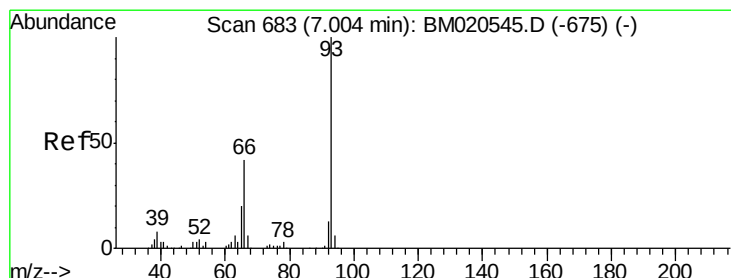
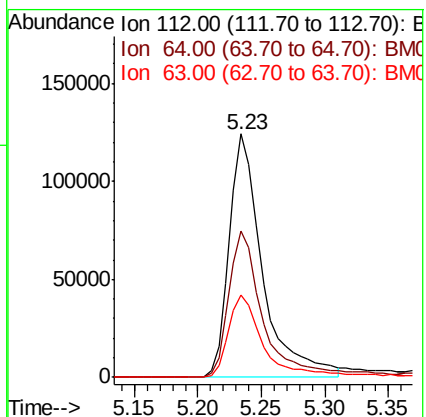
Tot Ion:112 Resp: 227146

Ion Ratio Lower Upper

112 100

64 60.0 48.6 73.0

63 33.9 27.4 41.0



#6

Aniline

Concen: 35.594 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

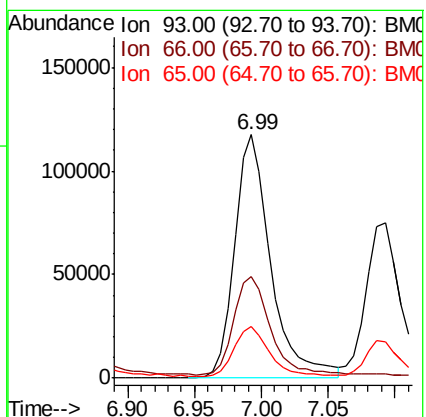
Tgt Ion: 93 Resp: 220887

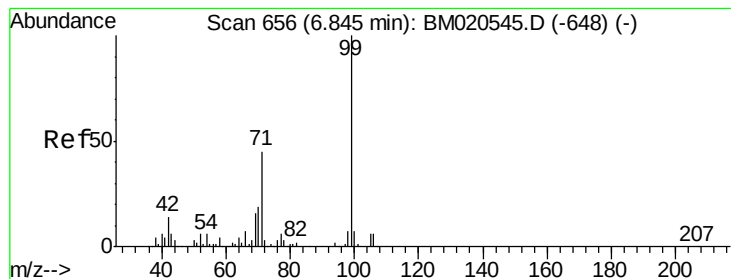
Ion Ratio Lower Upper

93 100

66 41.9 34.5 51.7

65 20.9 16.2 24.2





#7

Phenol-d6

Concen: 73.709 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampled :

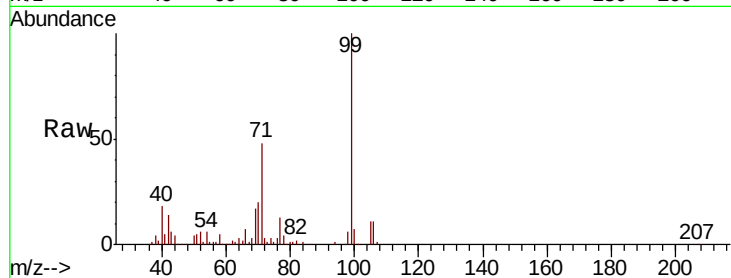
Tot Ion: 99 Resp: 316214

Ion Ratio Lower Upper

99 100

42 13.8 10.8 16.2

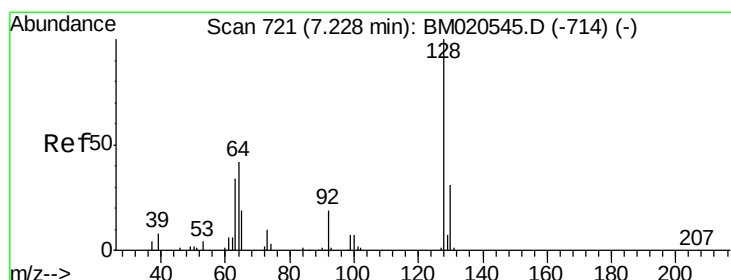
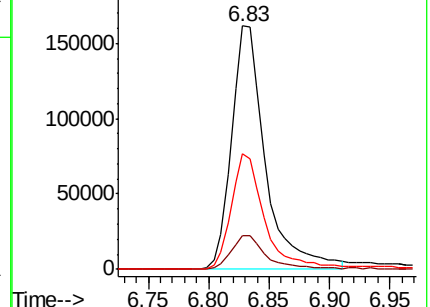
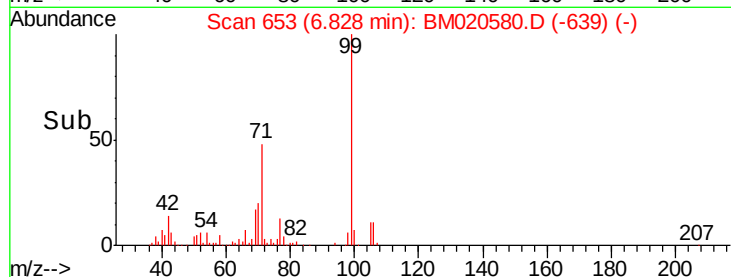
71 47.7 36.3 54.5



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: 38.264 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

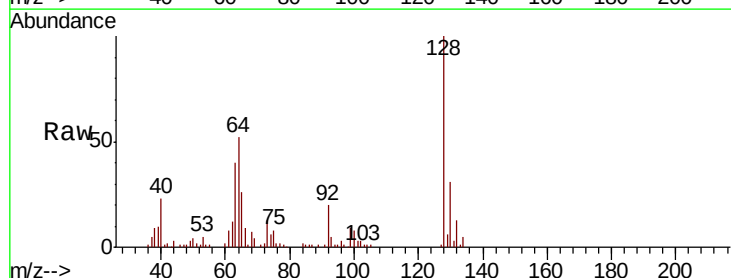
Tgt Ion: 128 Resp: 132991

Ion Ratio Lower Upper

128 100

130 31.1 11.2 51.2

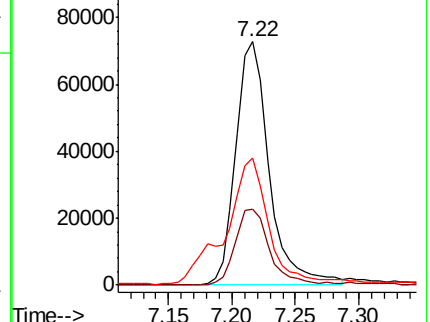
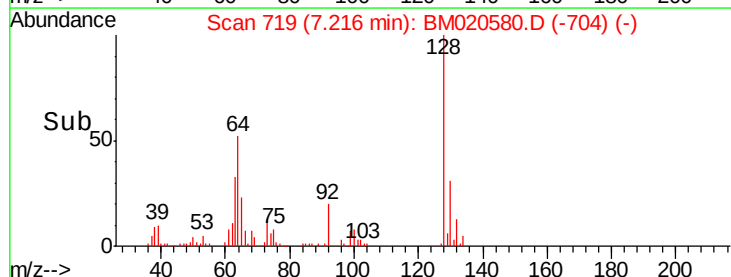
64 52.1 31.1 71.1

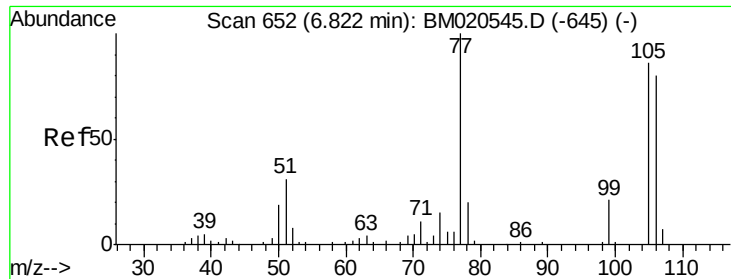


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

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: 37.698 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

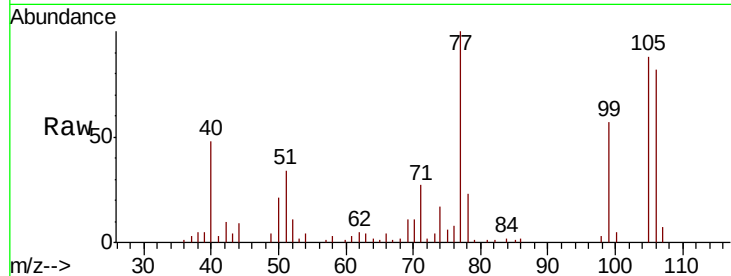
Tot Ion: 77 Resp: 103250

Ion Ratio Lower Upper

77 100

105 88.0 66.1 106.1

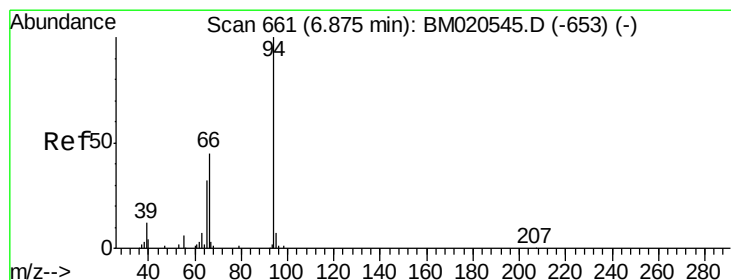
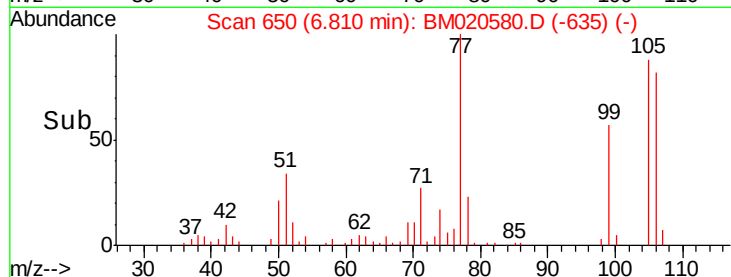
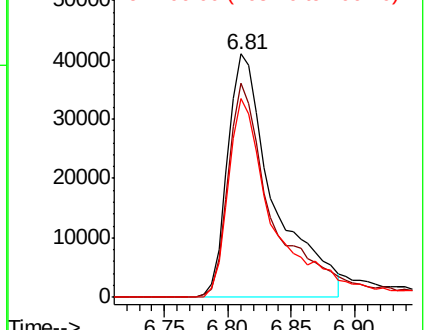
106 81.8 60.0 100.0



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: 36.867 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

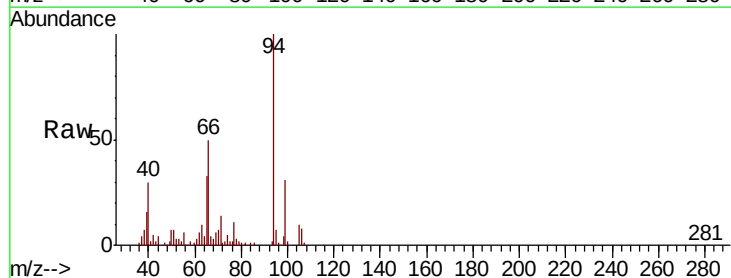
Tgt Ion: 94 Resp: 170788

Ion Ratio Lower Upper

94 100

65 33.1 12.4 52.4

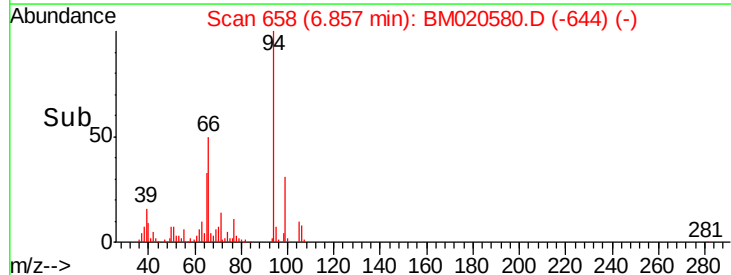
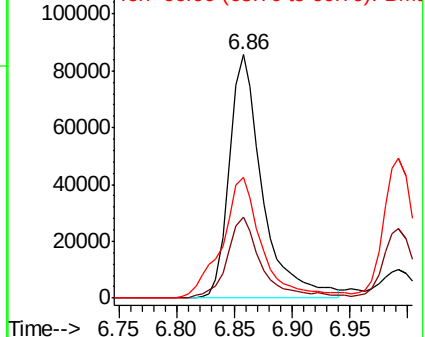
66 49.6 27.4 67.4

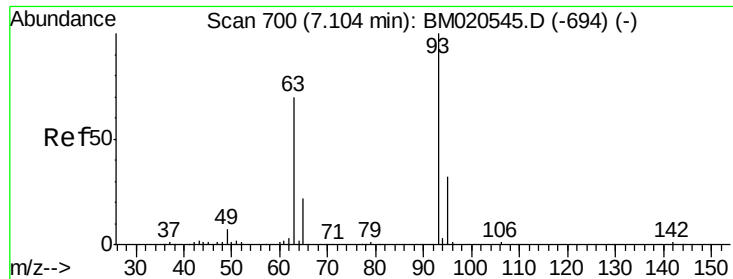


Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

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

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

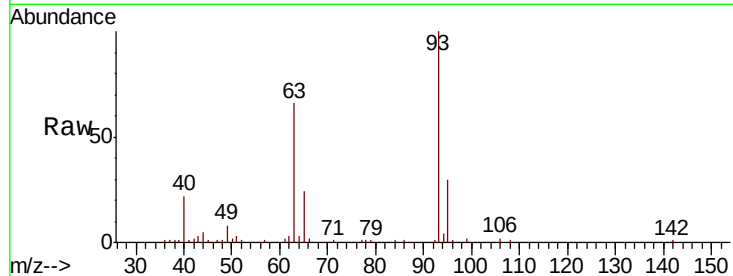




#11
 bis(2-Chloroethyl)ether
 Concen: 36.021 ng
 RT: 7.09 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

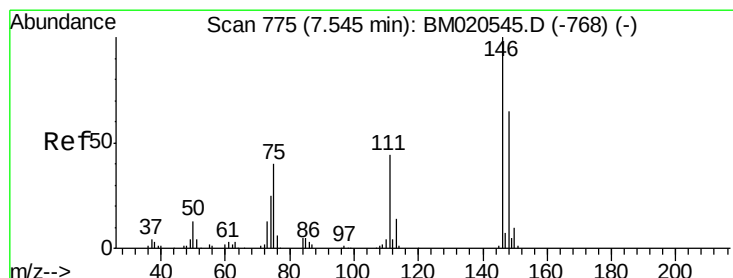
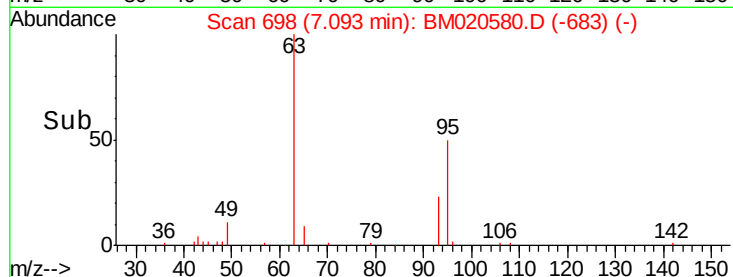
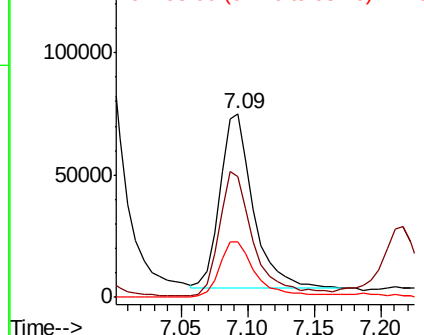
Tot Ion	93	Resp	124529
Ion	Ratio	Lower	Upper
93	100		
63	65.5	47.6	87.6
95	30.2	10.9	50.9



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

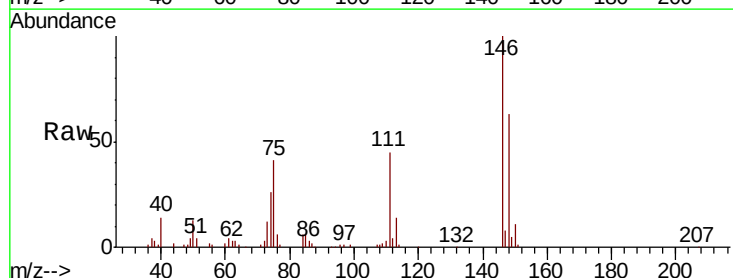
Ion 63.00 (62.70 to 63.70): BM020545.D (-694) (-)

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



#12
 1,3-Dichlorobenzene
 Concen: 40.057 ng
 RT: 7.53 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

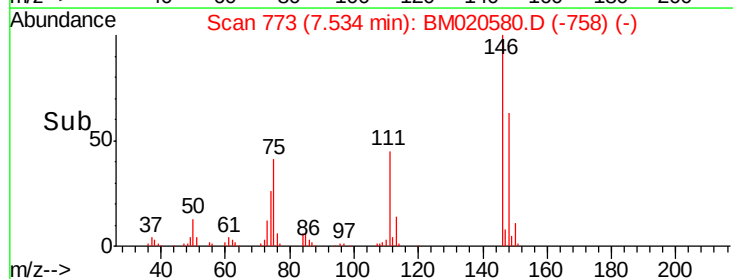
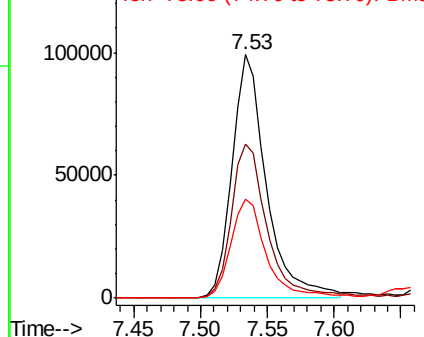
Tgt Ion	146	Resp	178296
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
75	40.9	31.6	47.4

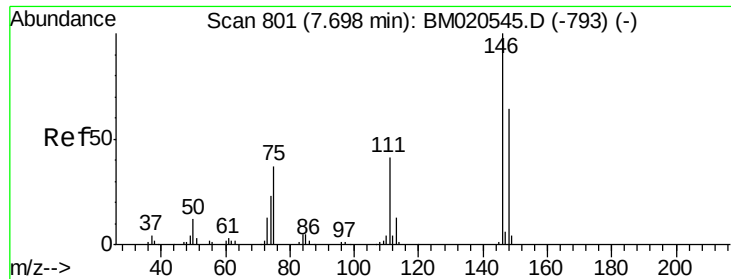


Abundance Ion 146.00 (145.70 to 146.70): BM020545.D (-768) (-)

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

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

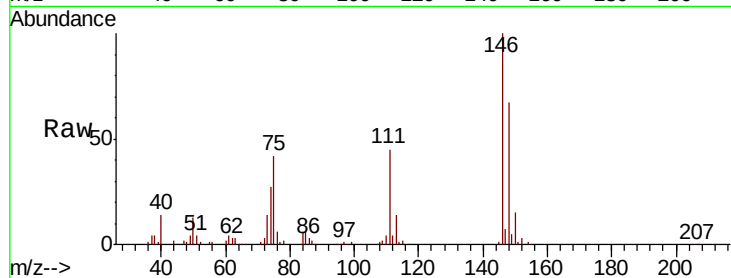




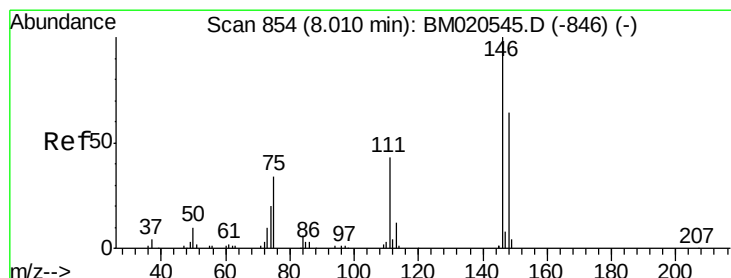
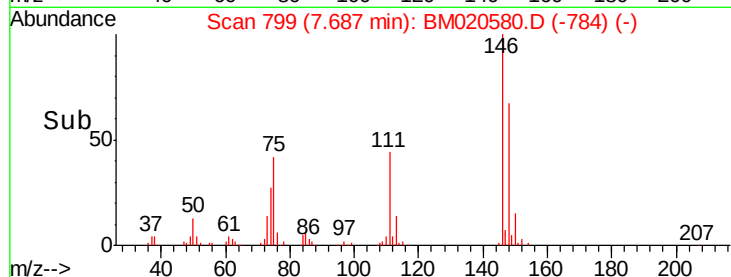
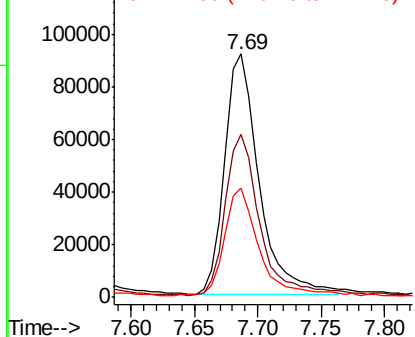
#13
 1,4-Dichlorobenzene
 Concen: 38.622 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 171832
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.1 76.7
 111 44.6 33.5 50.3

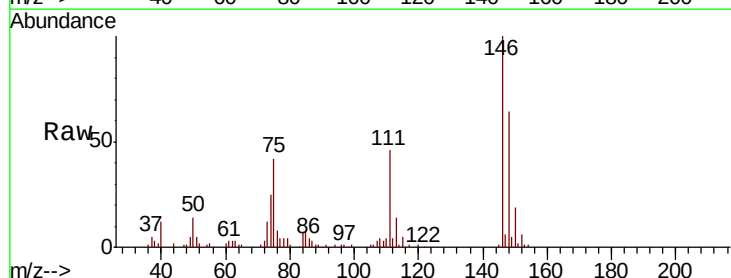


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

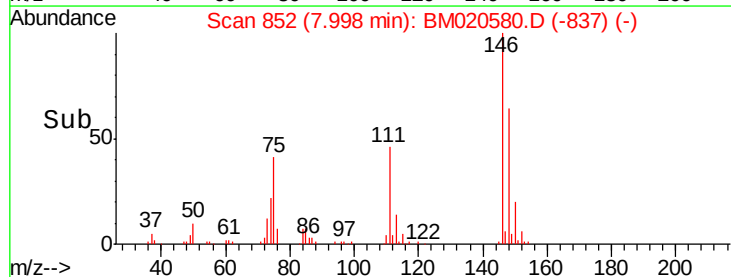
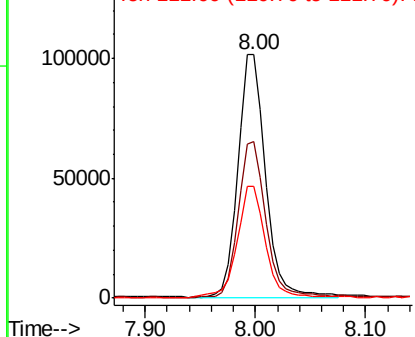


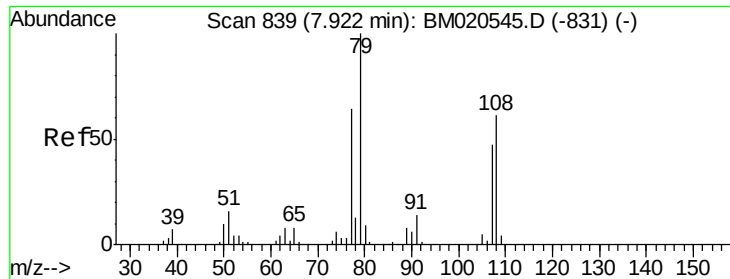
#14
 1,2-Dichlorobenzene
 Concen: 39.815 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion:146 Resp: 177587
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 45.9 35.2 52.8



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

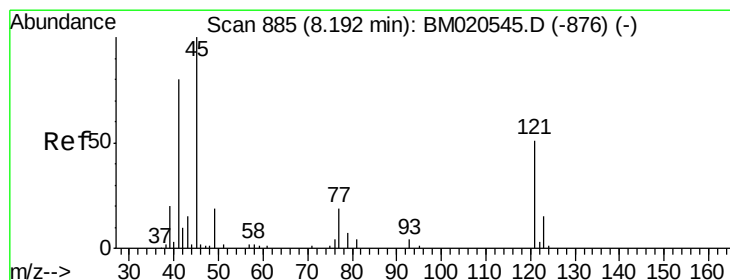
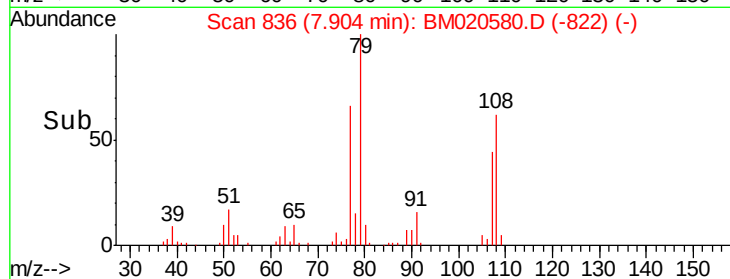
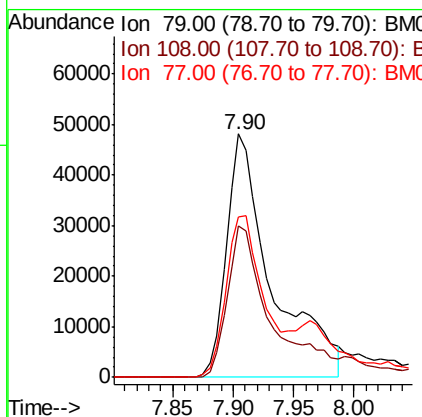
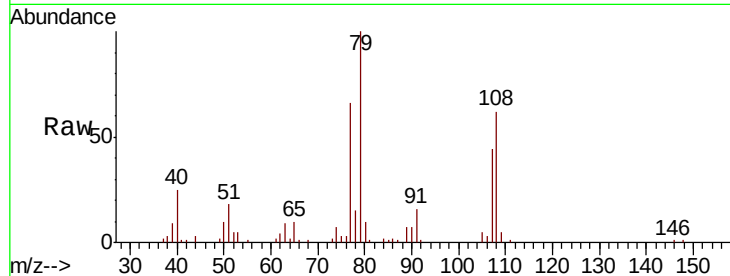




#15
Benzyl Alcohol
Concen: 31.691 ng
RT: 7.90 min Scan# 836
Delta R.T. -0.02 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

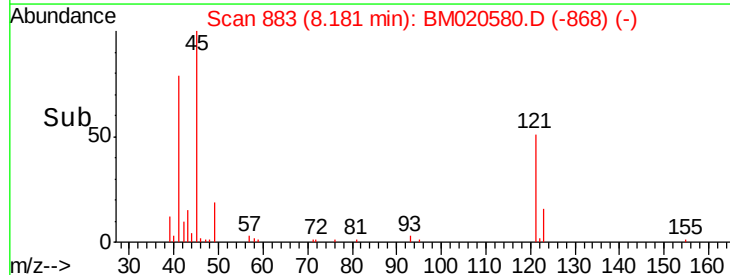
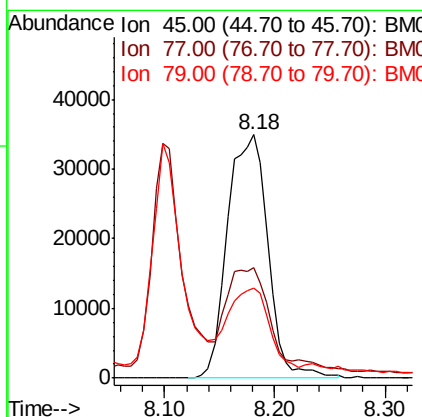
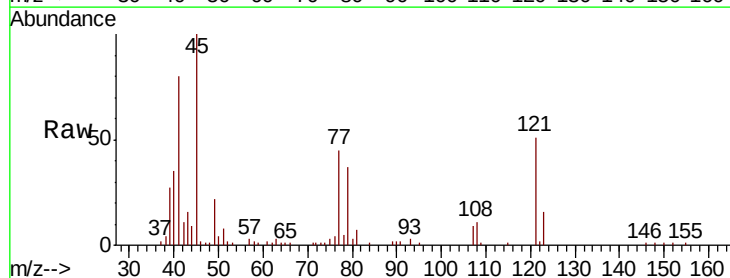
Instrument :
BNA_M
ClientSampled :

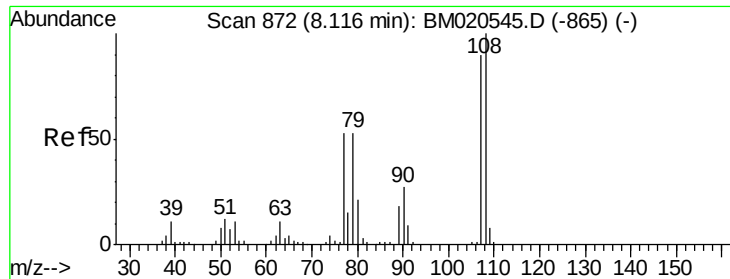
Tot Ion: 79 Resp: 125807
Ion Ratio Lower Upper
79 100
108 62.0 48.5 72.7
77 65.9 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.151 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion: 45 Resp: 89515
Ion Ratio Lower Upper
45 100
77 45.3 25.0 65.0
79 36.7 13.1 53.1





#17

2-Methylphenol

Concen: 34.049 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 104134

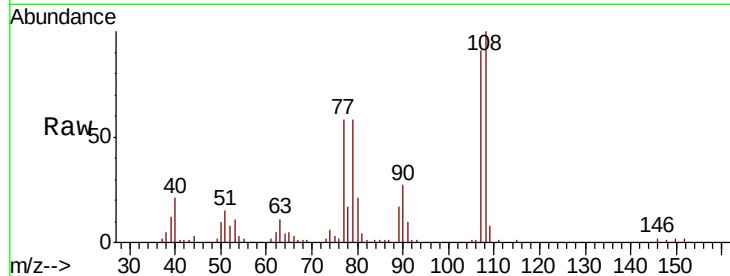
Ion Ratio Lower Upper

107 100

108 110.4 89.4 134.2

77 63.9 48.2 72.4

79 63.7 48.4 72.6

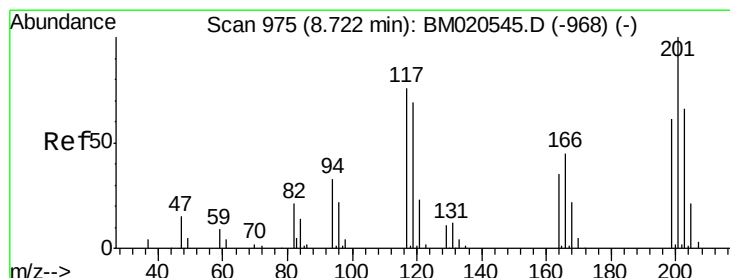
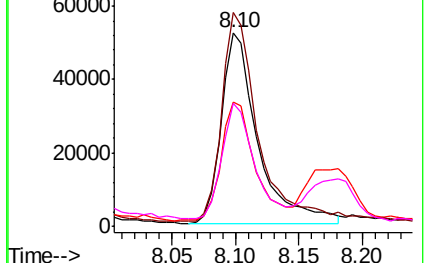
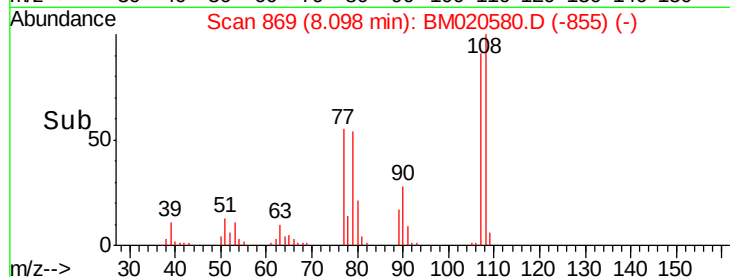


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 42.820 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

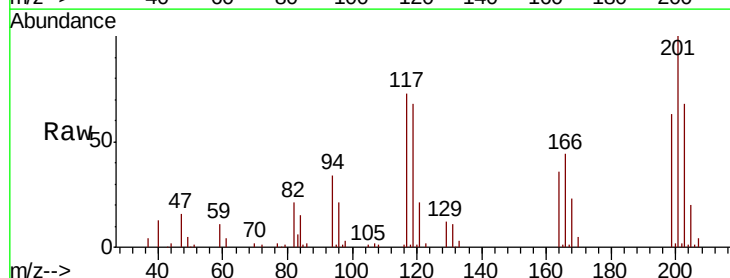
Tgt Ion:117 Resp: 77172

Ion Ratio Lower Upper

117 100

119 92.8 73.2 109.8

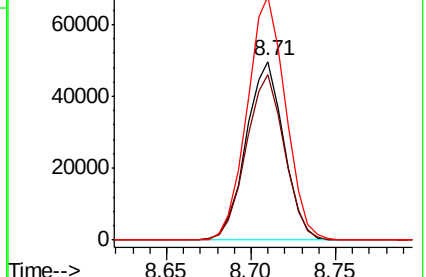
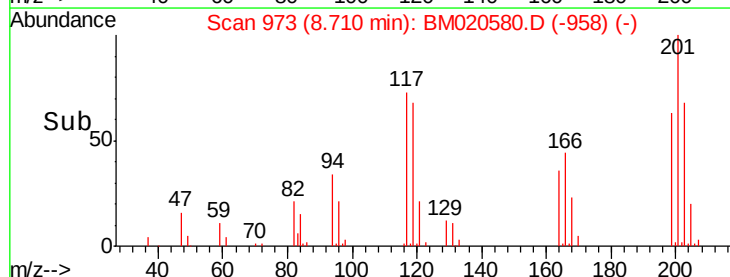
201 136.1 105.8 158.8

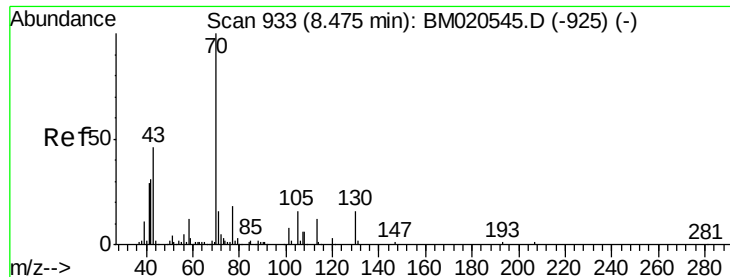


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

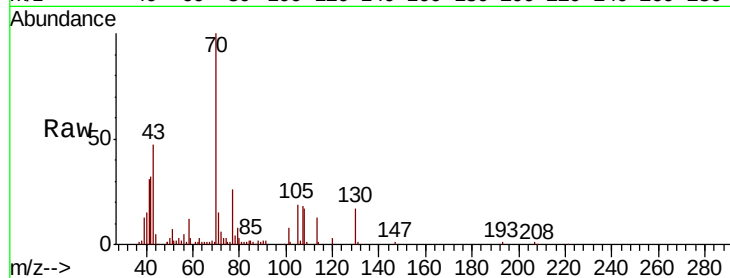




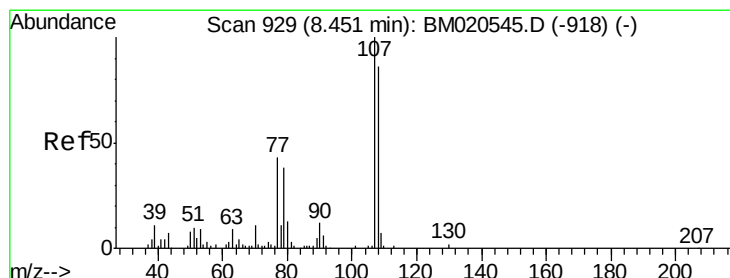
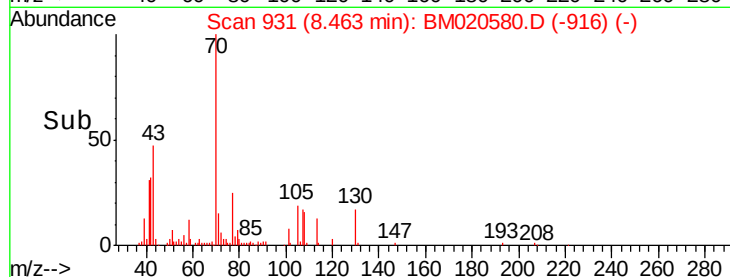
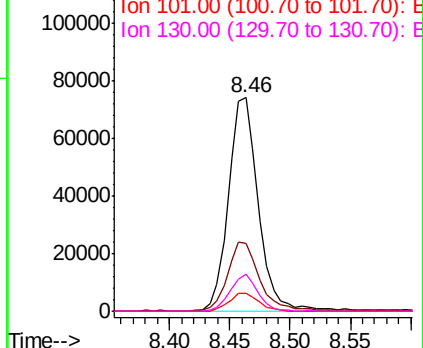
#19
n-Nitroso-di-n-propylamine
Concen: 33.556 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	127826
Ion	Ratio	Lower	Upper
70	100		
42	31.9	24.7	37.1
101	8.3	6.8	10.2
130	17.2	13.1	19.7

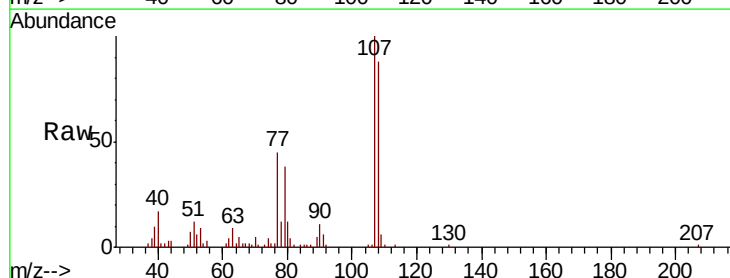


Abundance Ion 70.00 (69.70 to 70.70): BM020580.D (-916) (-)

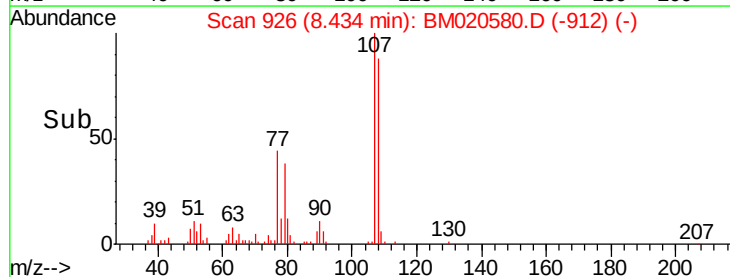
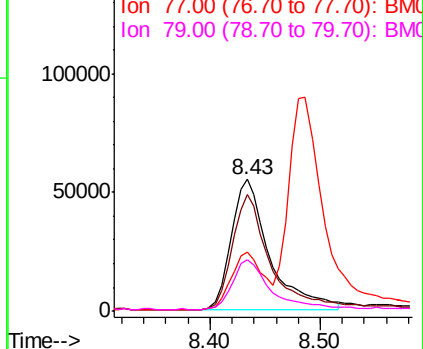


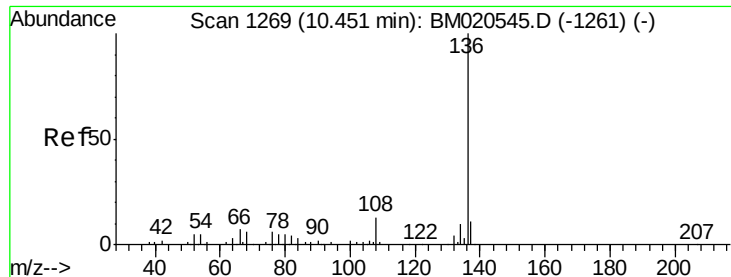
#20
3+4-Methylphenols
Concen: 32.712 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:	107	Resp:	134169
Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.5	106.5
77	45.1	23.0	63.0
79	38.5	18.2	58.2



Abundance Ion 107.00 (106.70 to 107.70): BM020580.D (-912) (-)

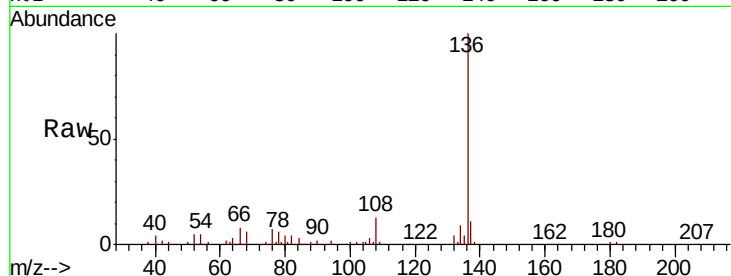




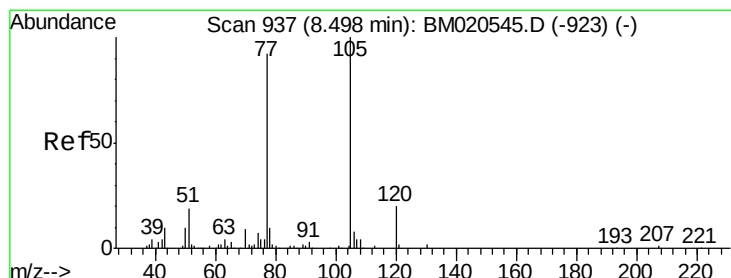
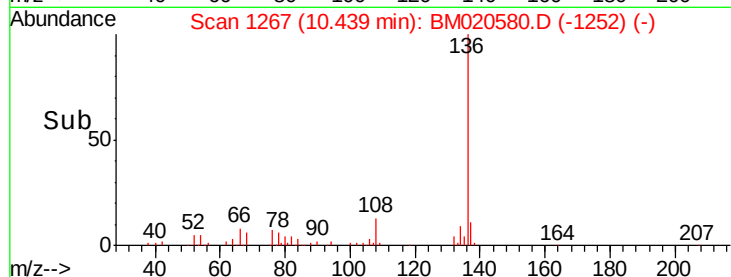
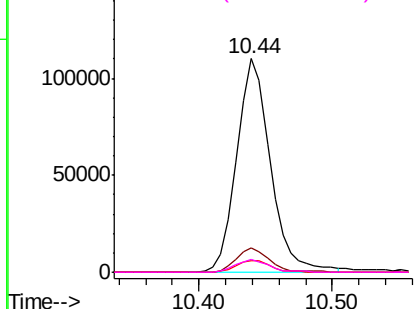
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	193524
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 5.5	4.2	6.4
68 6.2	4.6	7.0

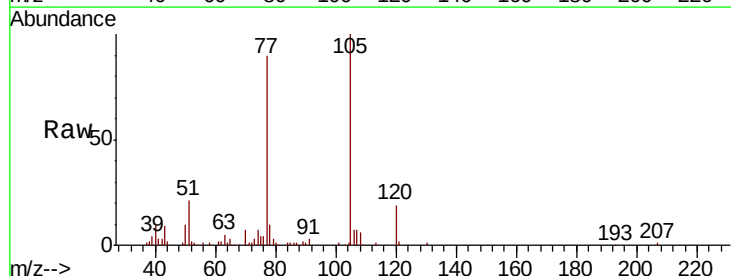


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

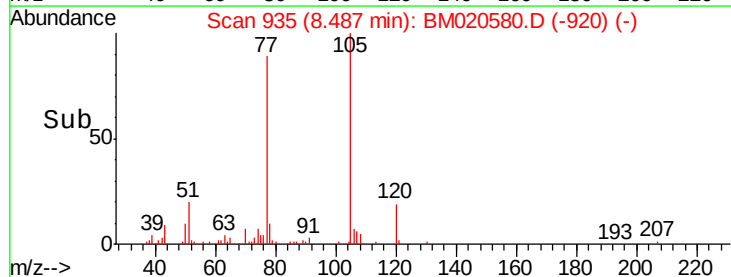
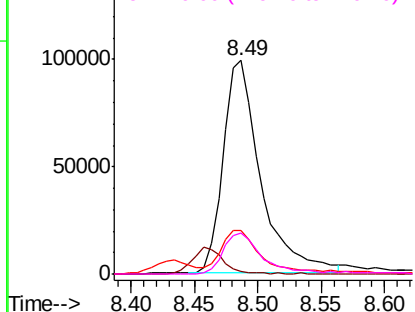


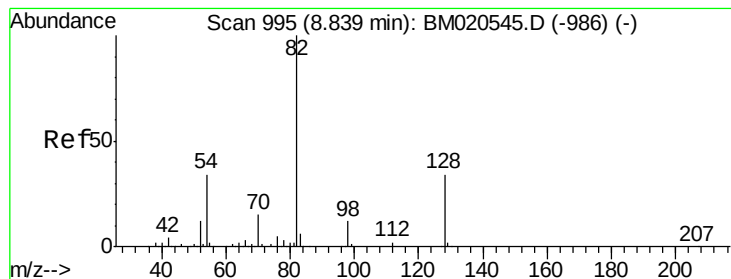
#22
Acetophenone
Concen: 38.277 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt	Ion:105	Resp:	203980
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.3	1.9#
51	20.6	15.7	23.5
120	19.5	16.3	24.5



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





#23

Nitrobenzene-d5

Concen: 82.428 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampled :

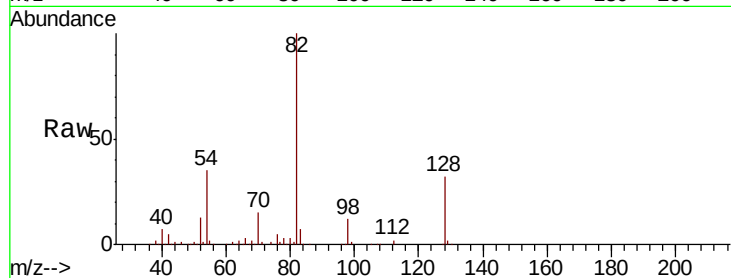
Tot Ion: 82 Resp: 380052

Ion Ratio Lower Upper

82 100

128 32.4 27.0 40.4

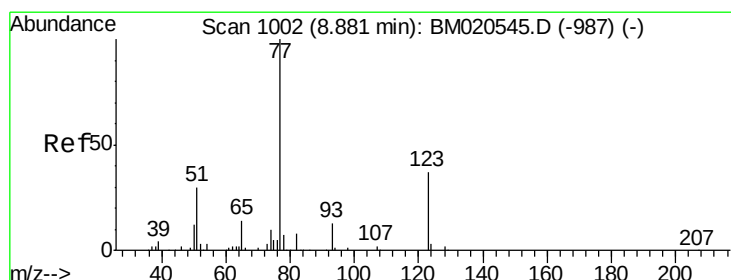
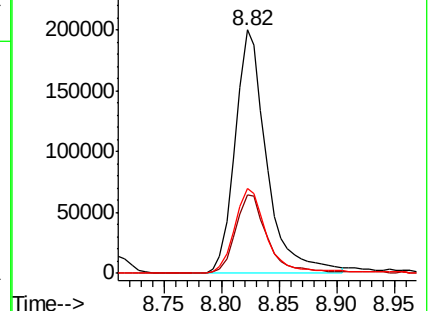
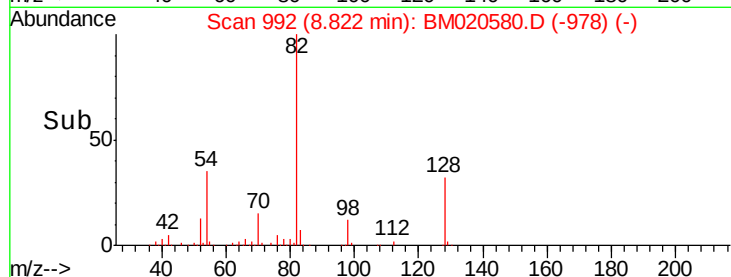
54 34.8 27.4 41.2



Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM020545.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-986) (-)



#24

Nitrobenzene

Concen: 39.912 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

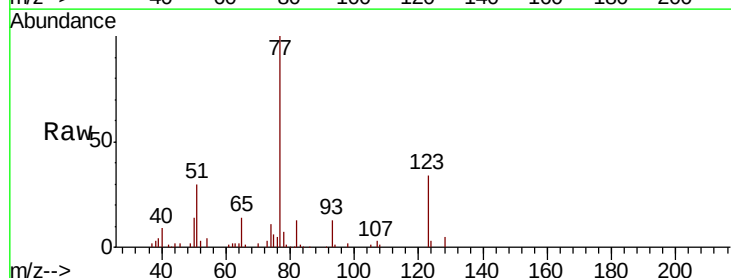
Tgt Ion: 77 Resp: 181739

Ion Ratio Lower Upper

77 100

123 34.0 29.4 44.2

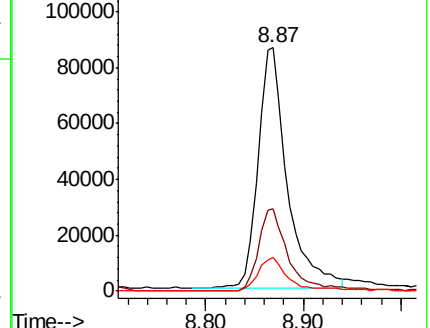
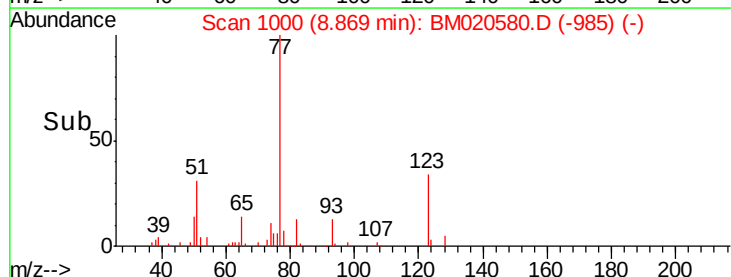
65 13.9 10.8 16.2

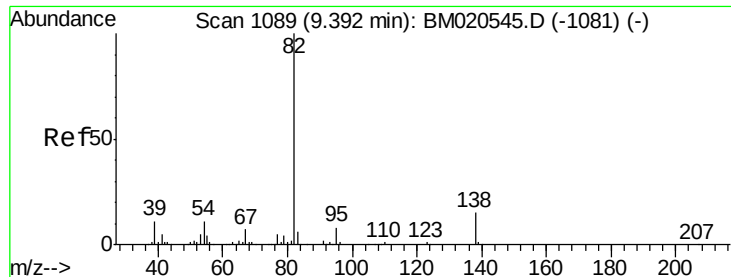


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-987) (-)

Ion 123.00 (122.70 to 123.70): BM020545.D (-987) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-987) (-)





#25

Isophorone

Concen: 38.659 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

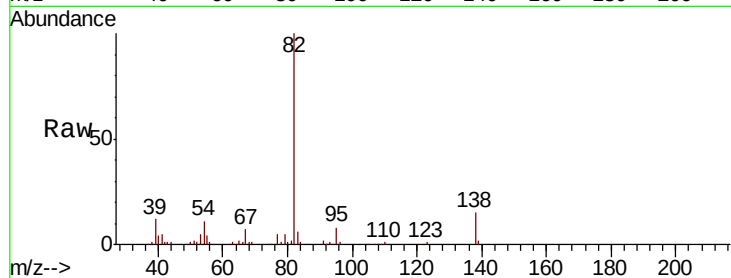
Tot Ion: 82 Resp: 331662

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

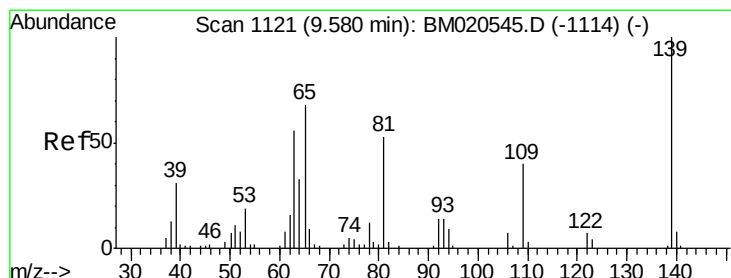
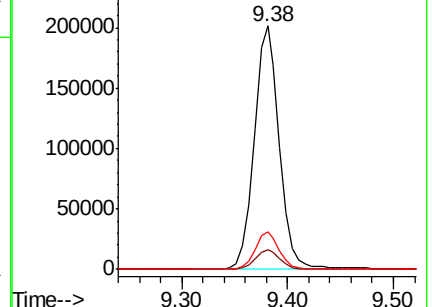
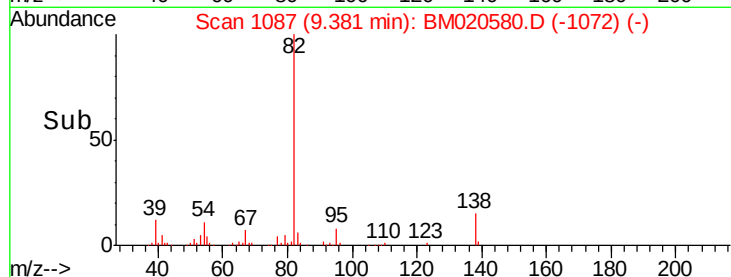
138 15.2 12.0 18.0



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: 35.267 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

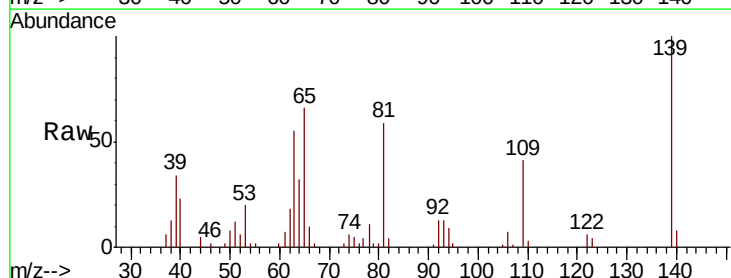
Tgt Ion: 139 Resp: 59253

Ion Ratio Lower Upper

139 100

109 41.2 32.3 48.5

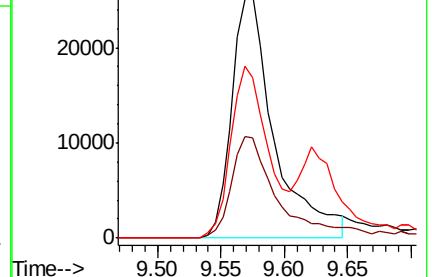
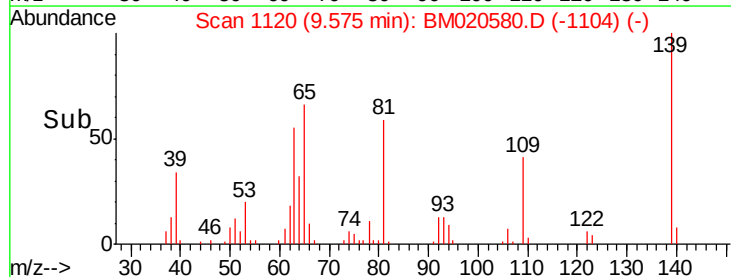
65 65.8 54.4 81.6

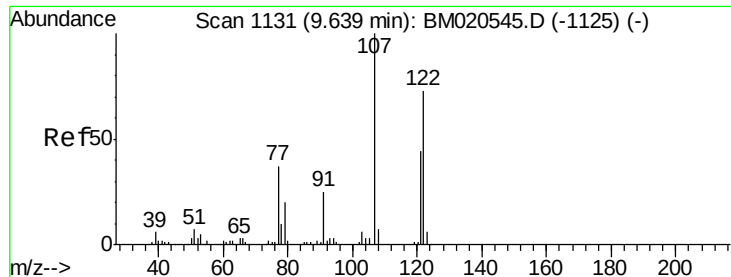


Abundance Ion 139.00 (138.70 to 139.70): BM020545.D (-1114) (-)

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: 36.570 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

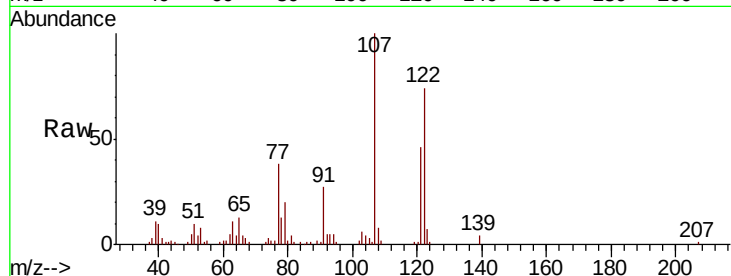
Tot Ion:122 Resp: 91530

Ion Ratio Lower Upper

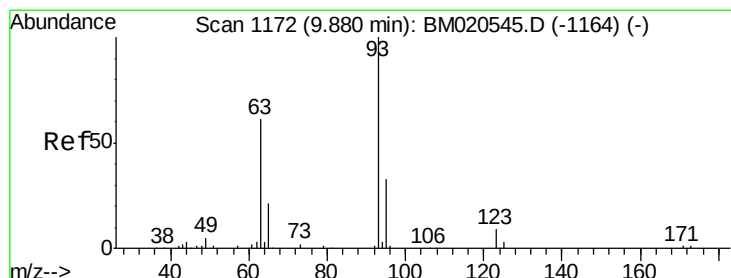
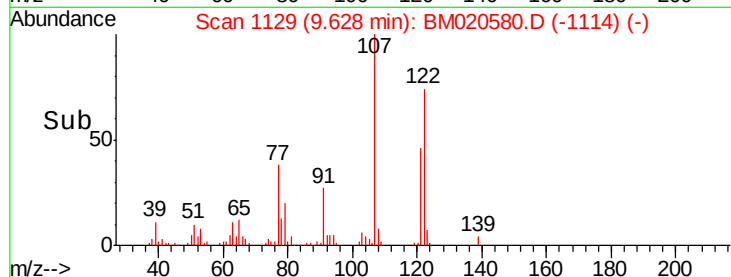
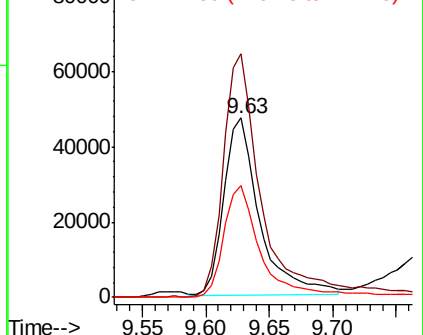
122 100

107 135.8 108.2 162.2

121 62.5 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: 36.987 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

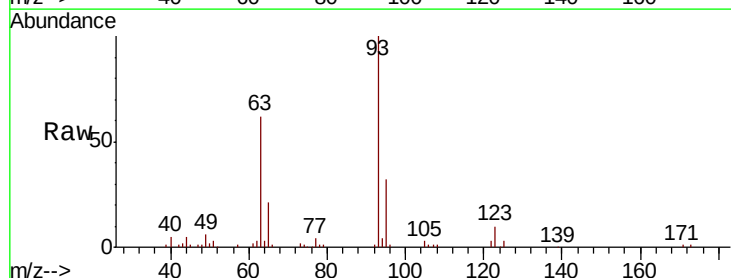
Tgt Ion: 93 Resp: 165182

Ion Ratio Lower Upper

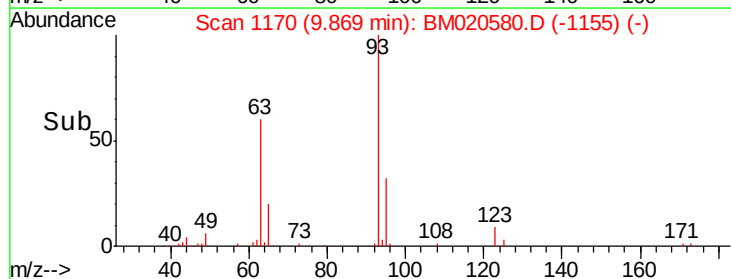
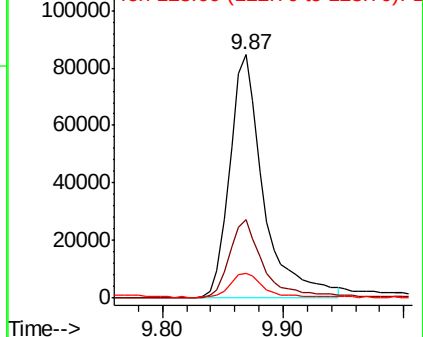
93 100

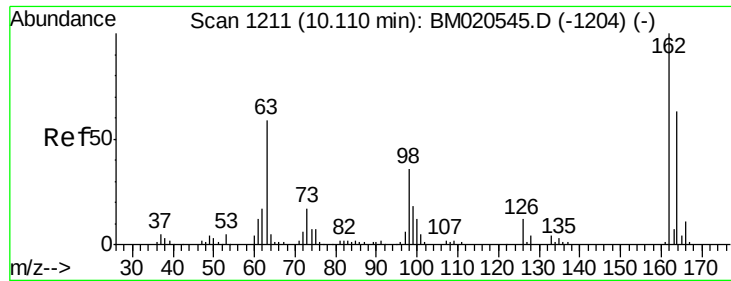
95 32.4 26.1 39.1

123 10.4 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

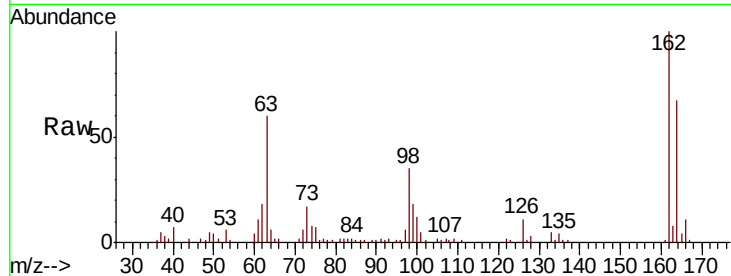




#29
 2,4-Dichlorophenol
 Concen: 37.591 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	43.1	83.1
98	35.4	16.2	56.2

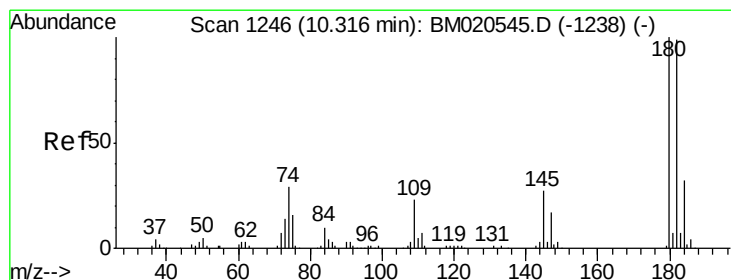
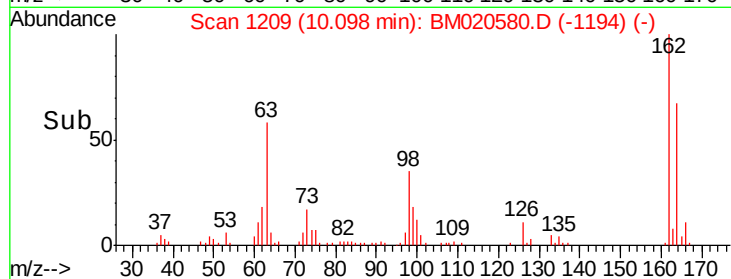
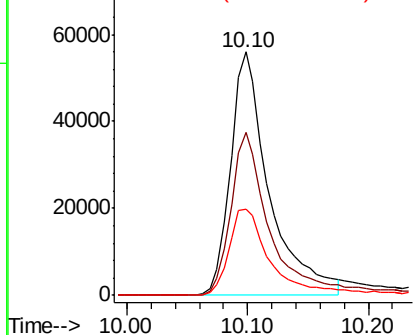


Abundance

Ion 162.00 (161.70 to 162.70): E

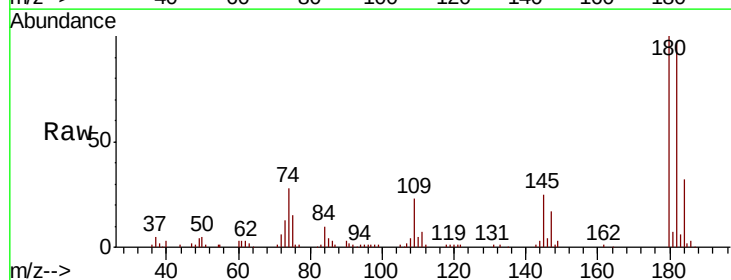
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.655 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.8	118.2
145	25.5	21.3	31.9

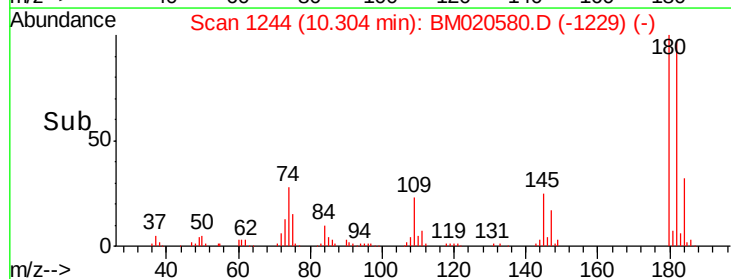
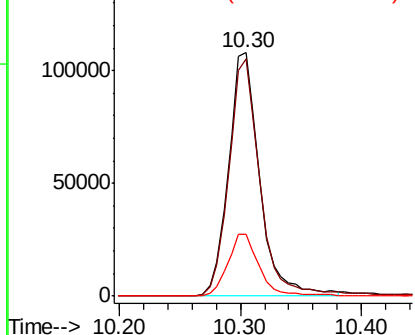


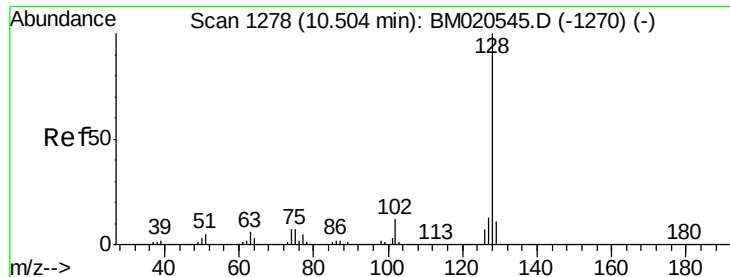
Abundance

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

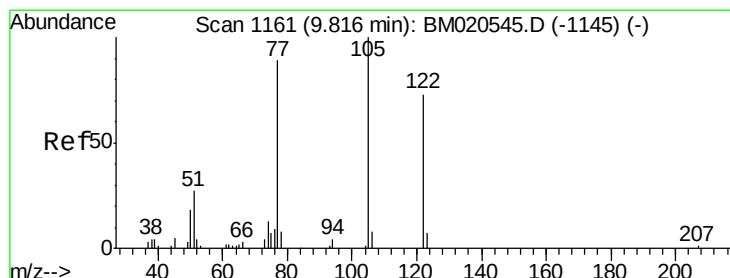
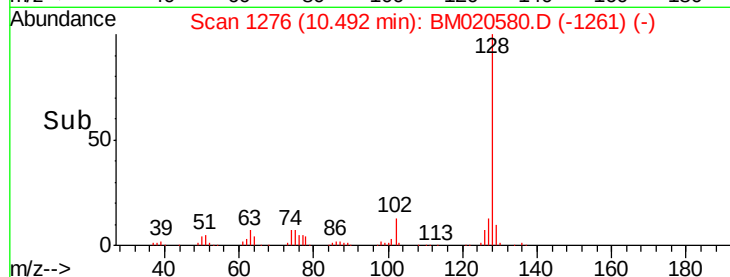
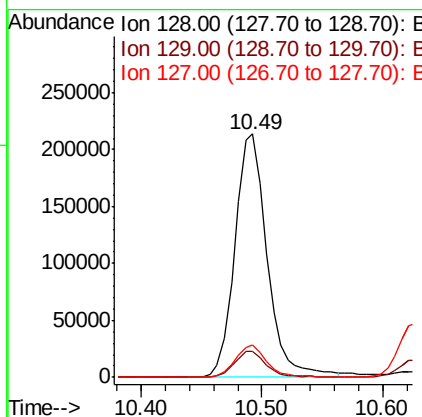
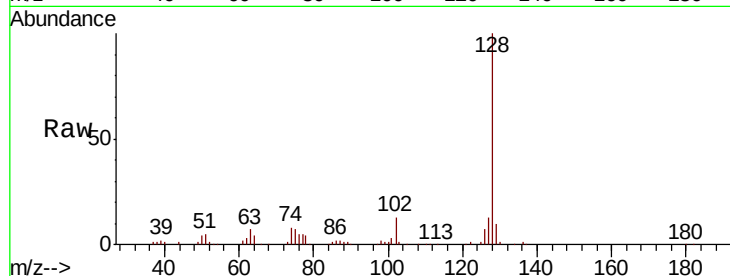




#31
Naphthalene
Concen: 40.055 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

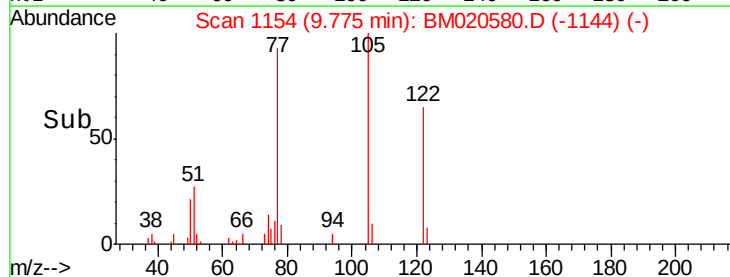
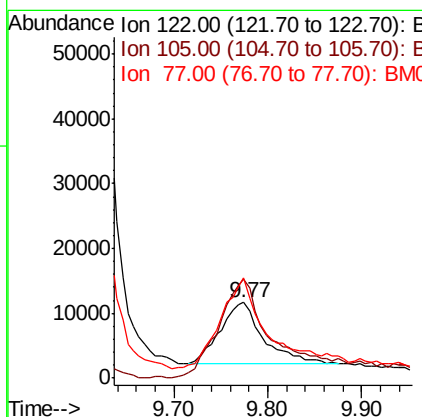
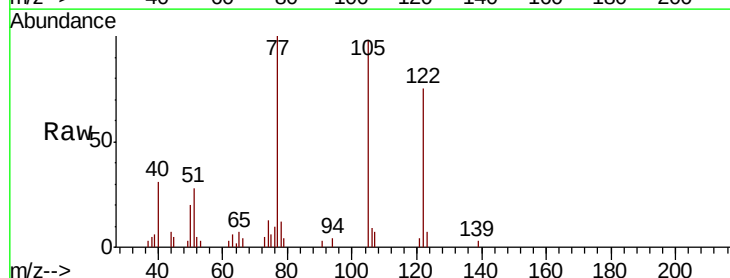
Instrument :
BNA_M
ClientSampleId :

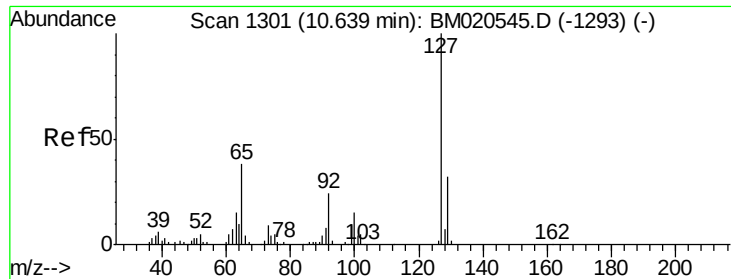
Tot Ion:128 Resp: 400244
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 24.355 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:122 Resp: 30200
Ion Ratio Lower Upper
122 100
105 130.8 108.8 148.8
77 133.0 97.8 137.8

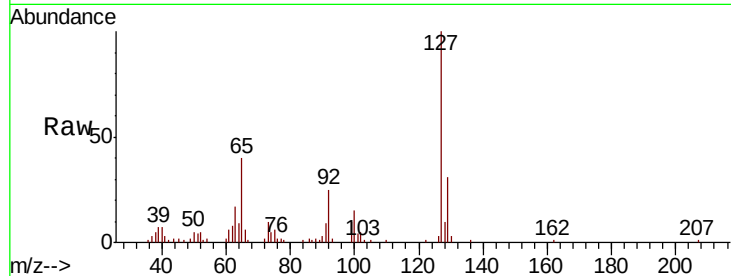




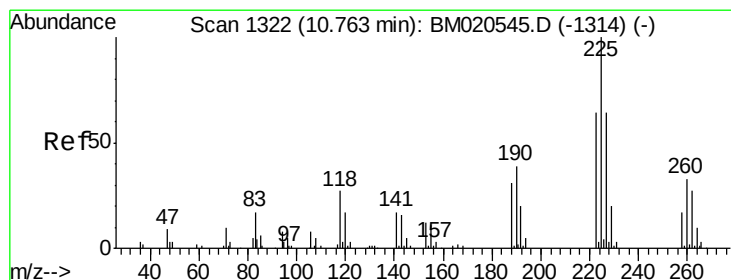
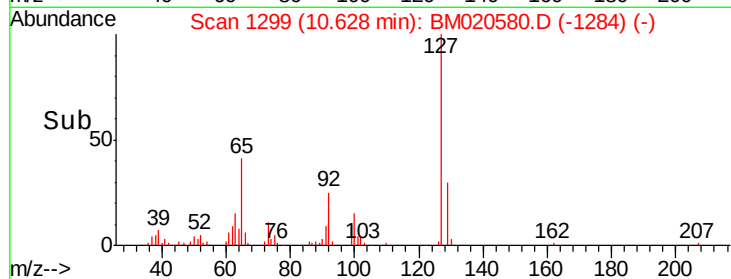
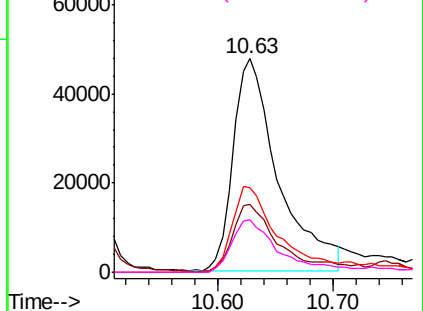
#33
4-Chloroaniline
Concen: 32.413 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	129272
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	39.7	30.6	45.8
92	24.6	19.6	29.4

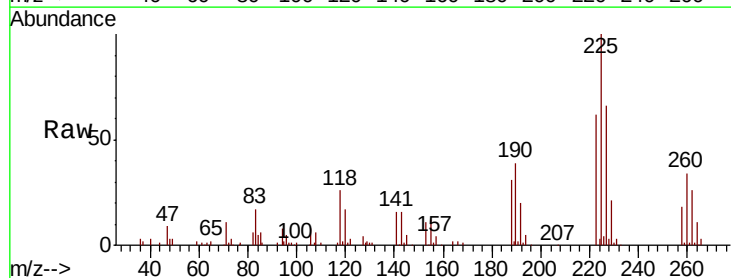


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

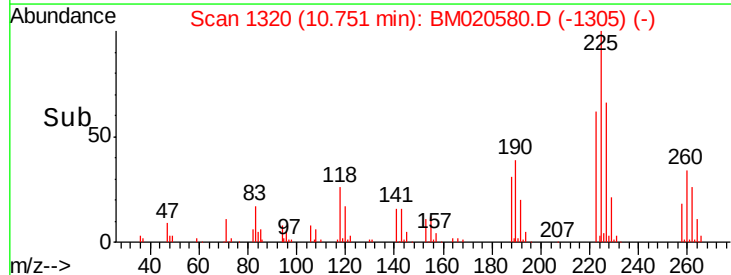
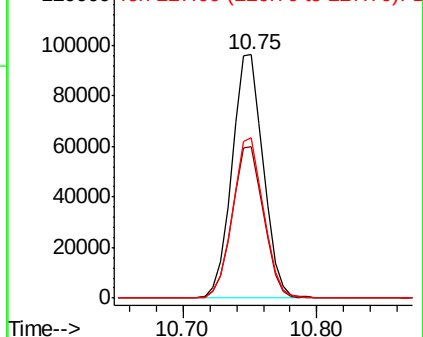


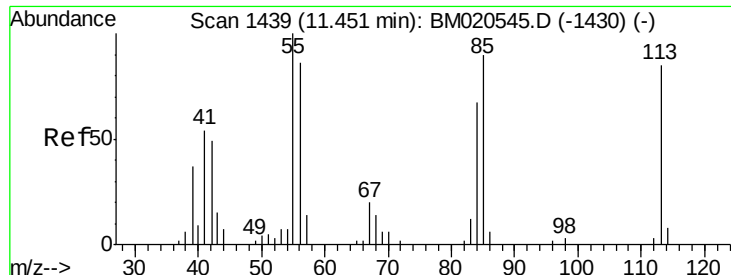
#34
Hexachlorobutadiene
Concen: 46.329 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:	225	Resp:	156778
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.0
227	66.0	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: 30.407 ng

RT: 11.43 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

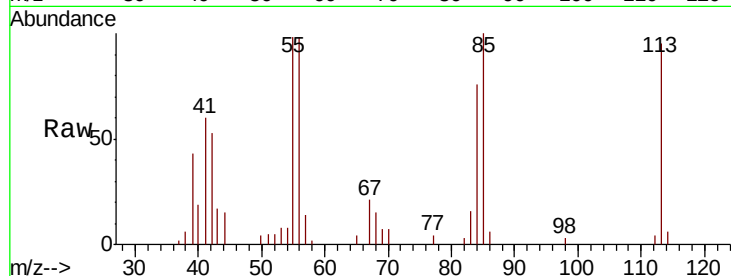
Tot Ion:113 Resp: 33313

Ion Ratio Lower Upper

113 100

55 102.8 97.6 137.6

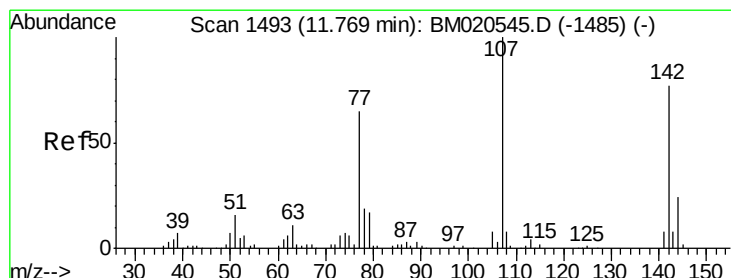
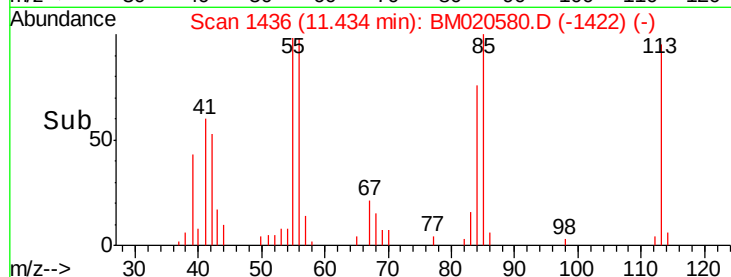
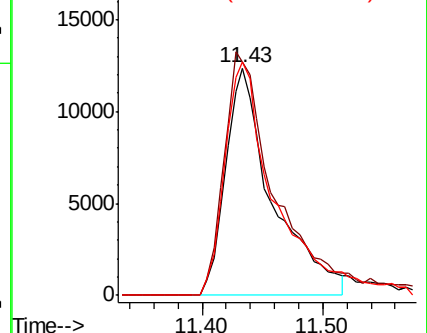
56 102.8 81.6 121.6



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: 33.222 ng

RT: 11.75 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

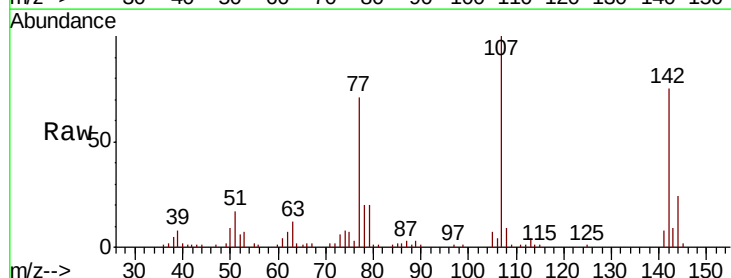
Tgt Ion:107 Resp: 120346

Ion Ratio Lower Upper

107 100

144 24.0 19.0 28.6

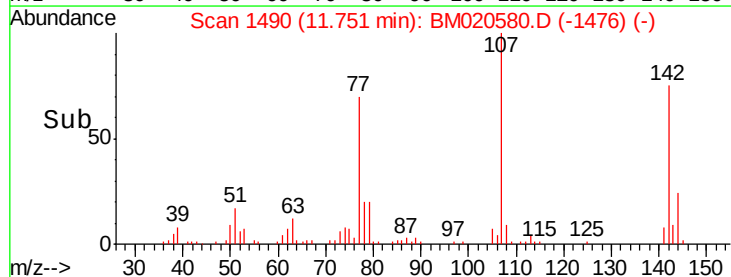
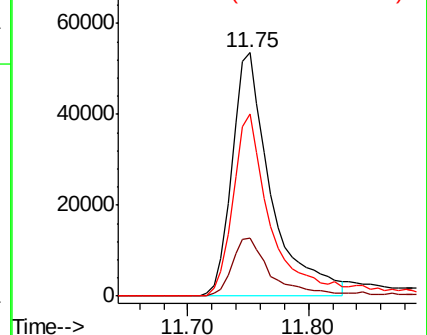
142 74.6 61.3 91.9

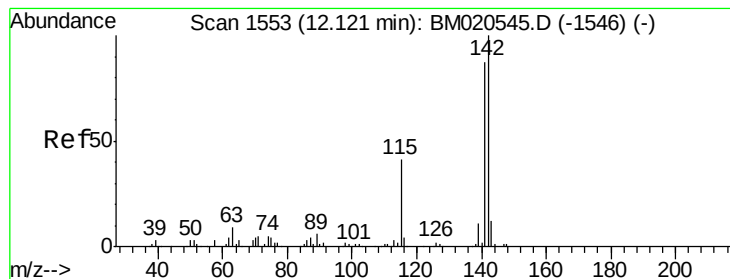


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.850 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

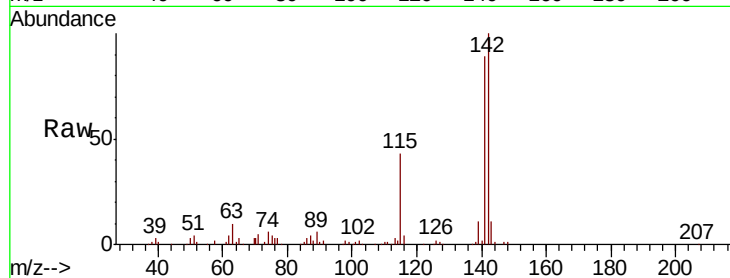
Tot Ion:142 Resp: 281306

Ion Ratio Lower Upper

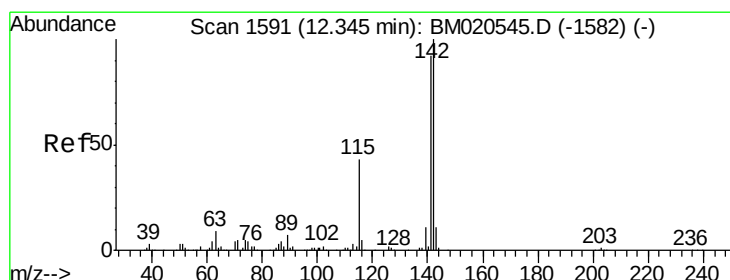
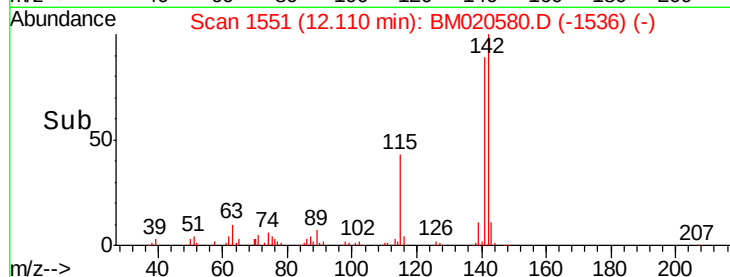
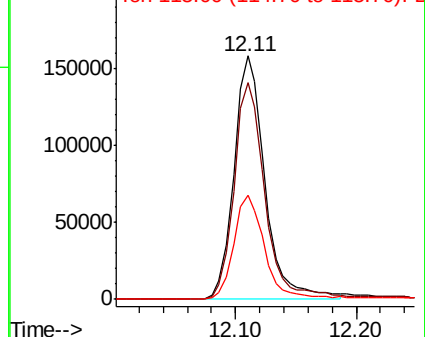
142 100

141 88.8 69.9 104.9

115 42.9 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: 37.018 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

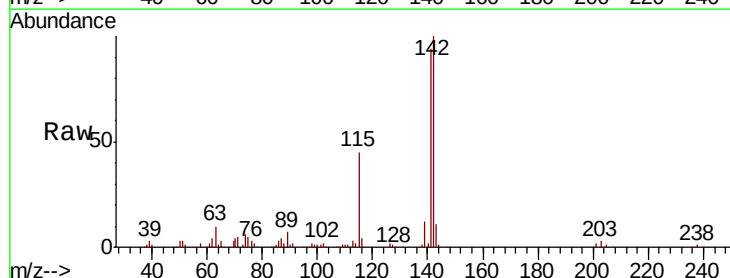
Tgt Ion:142 Resp: 273802

Ion Ratio Lower Upper

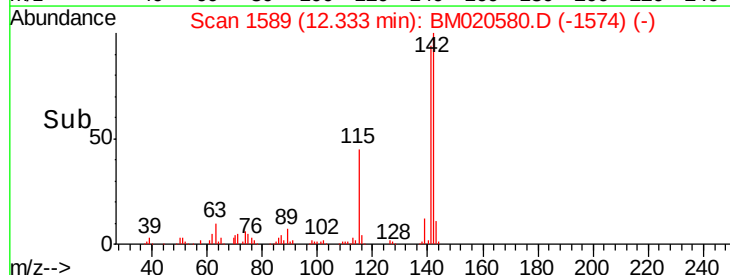
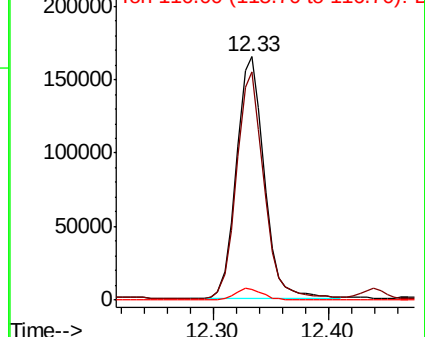
142 100

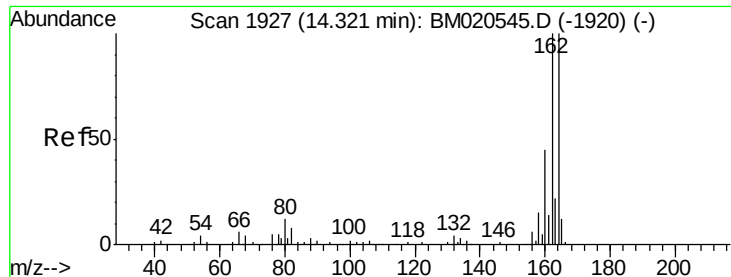
141 93.8 73.7 110.5

116 4.3 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: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampled :

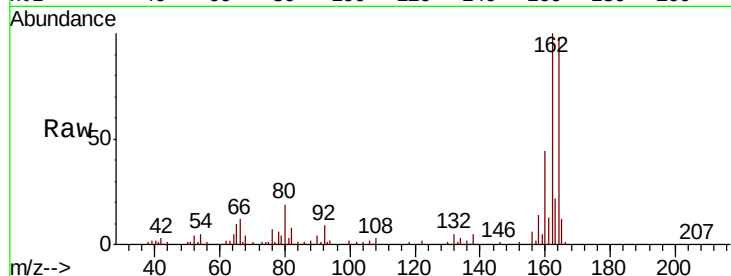
Tot Ion:164 Resp: 128738

Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 45.0 35.9 53.9

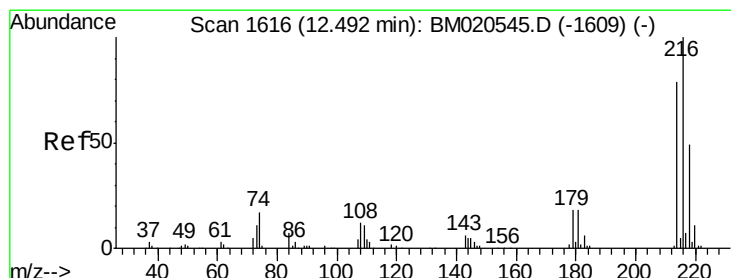
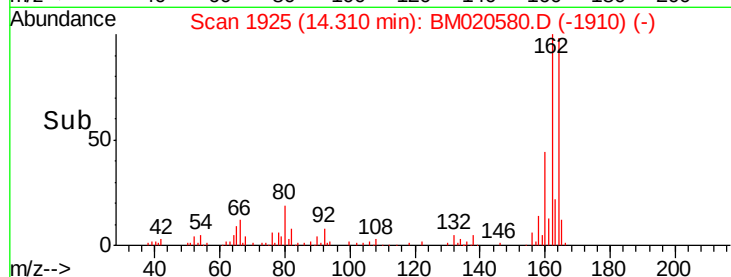
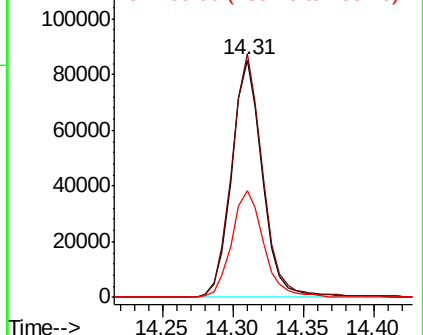


Abundance

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: 43.281 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Tgt Ion:216 Resp: 234229

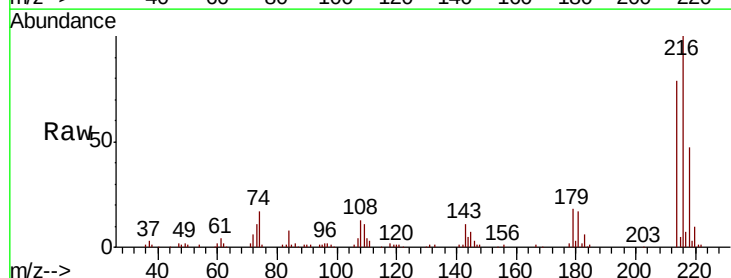
Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.6

179 18.2 14.8 22.2

108 13.1 10.5 15.7



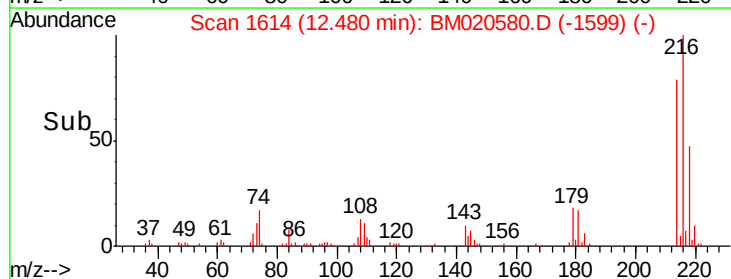
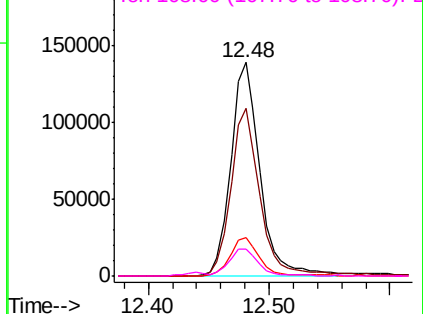
Abundance

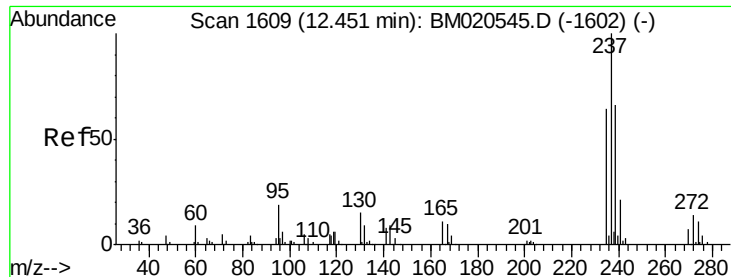
Ion 216.00 (215.70 to 216.70): E

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: 44.260 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

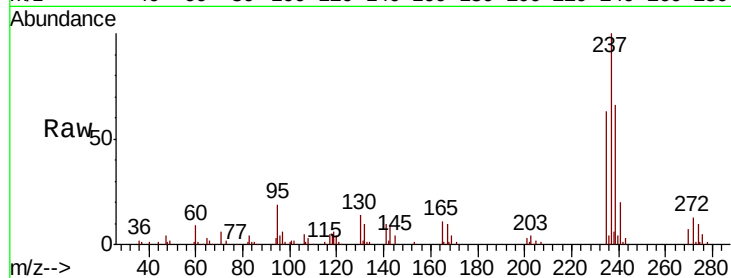
Tot Ion:237 Resp: 106415

Ion Ratio Lower Upper

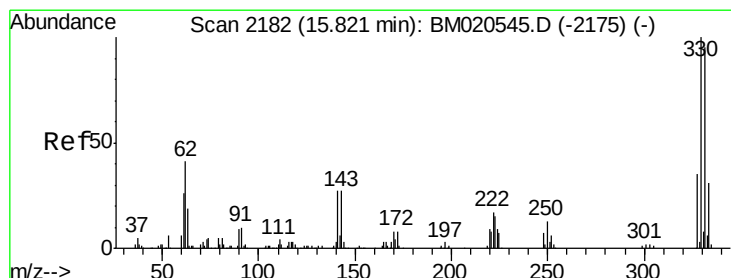
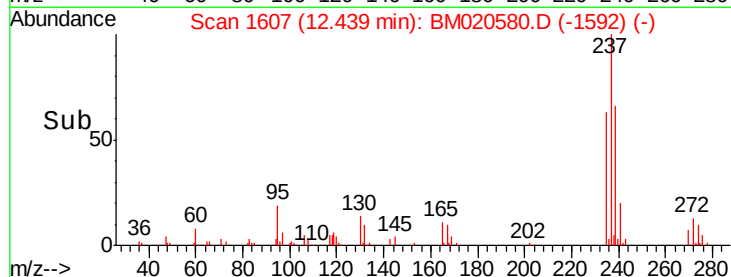
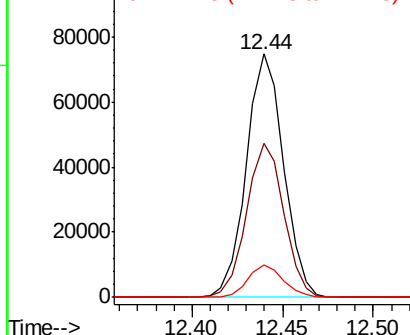
237 100

235 63.4 43.5 83.5

272 13.3 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: 75.810 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

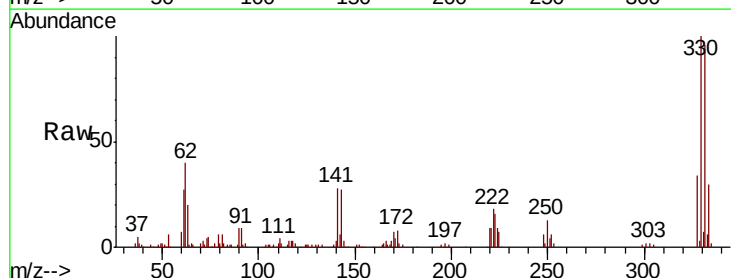
Tgt Ion:330 Resp: 195532

Ion Ratio Lower Upper

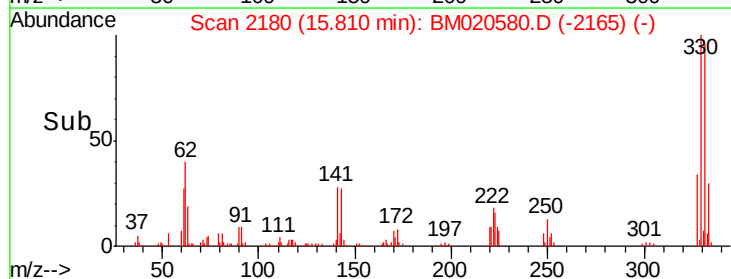
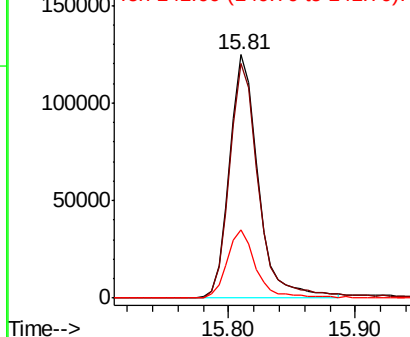
330 100

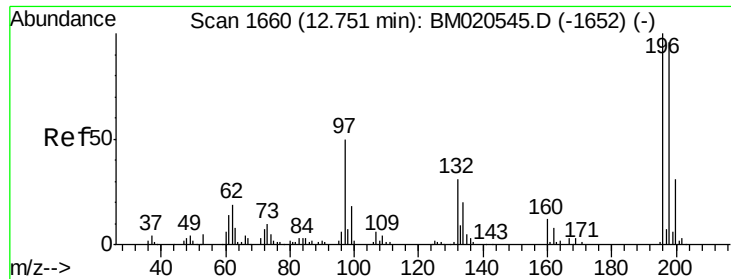
332 97.1 77.5 116.3

141 28.2 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

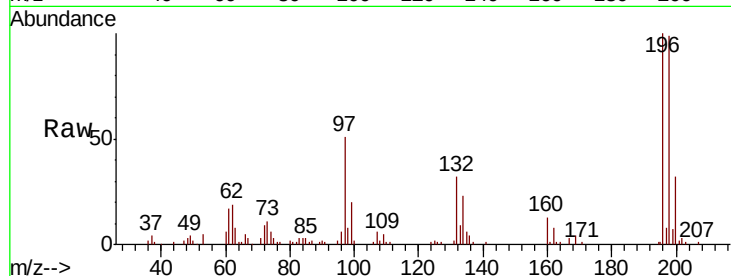




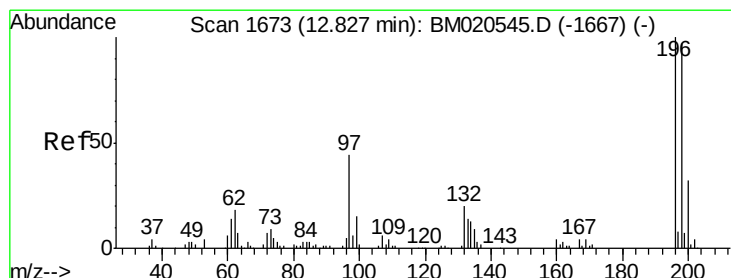
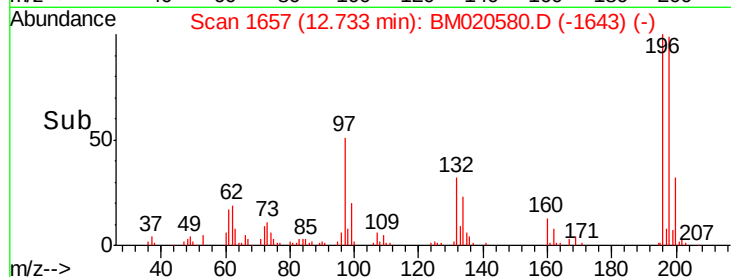
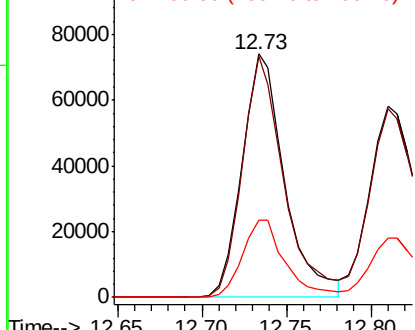
#43
 2,4,6-Trichlorophenol
 Concen: 38.795 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 129927
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.4 114.6
 200 31.9 25.0 37.4

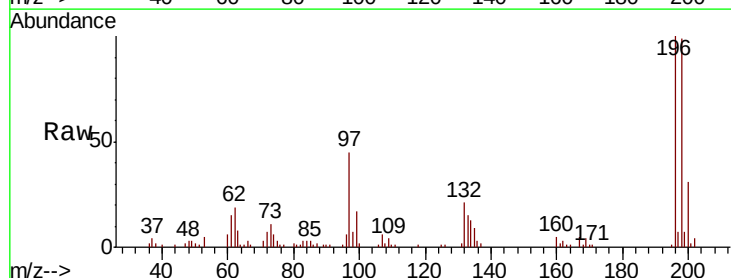


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

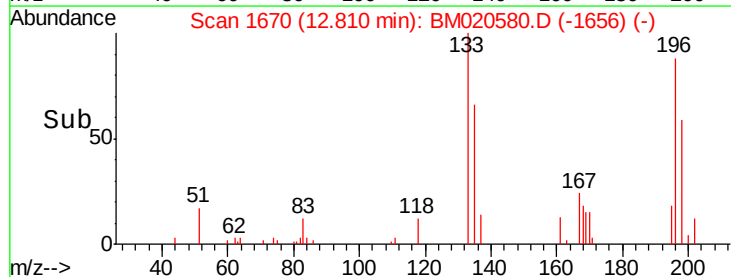
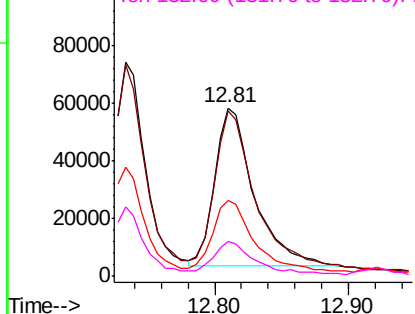


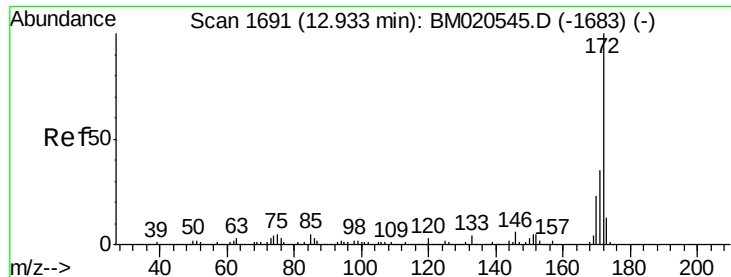
#44
 2,4,5-Trichlorophenol
 Concen: 36.075 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion:196 Resp: 112823
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.6 116.4
 97 45.0 35.4 53.0
 132 20.8 16.4 24.6



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

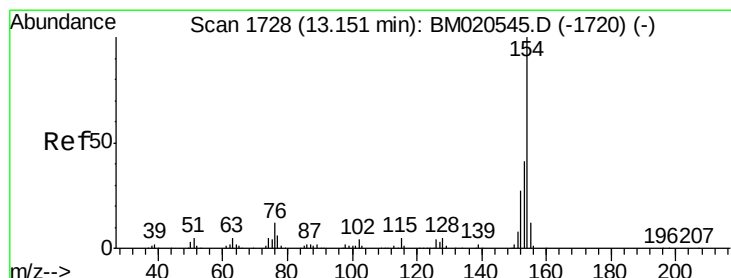
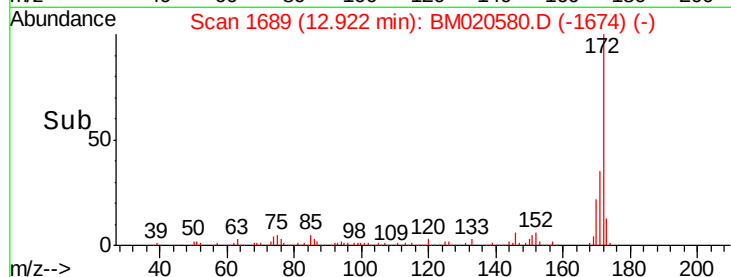
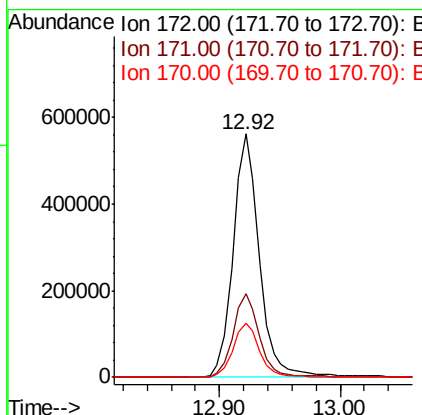
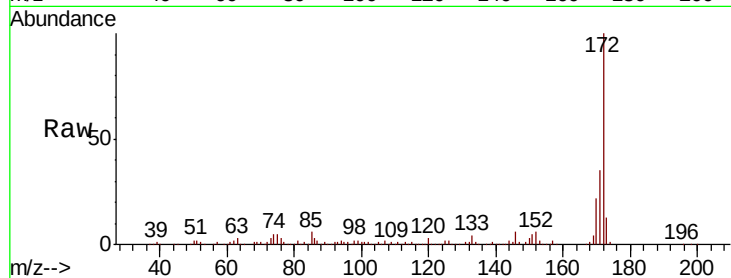




#45
2-Fluorobiphenyl
Concen: 82.771 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

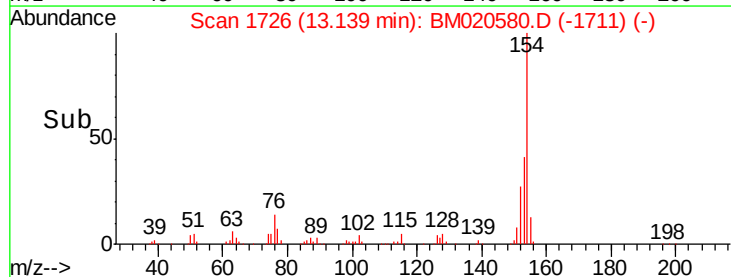
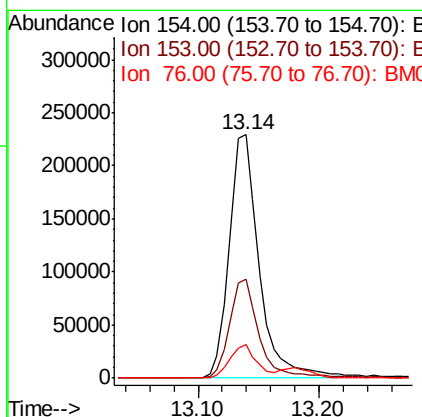
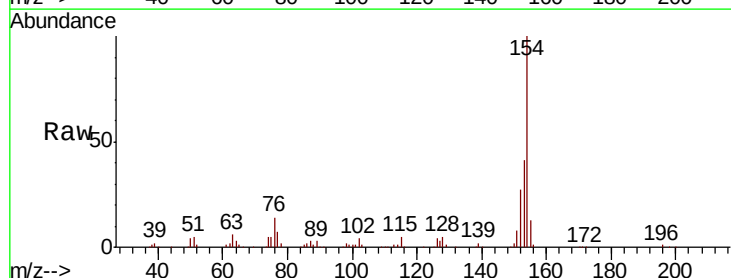
Instrument :
BNA_M
ClientSampleId :

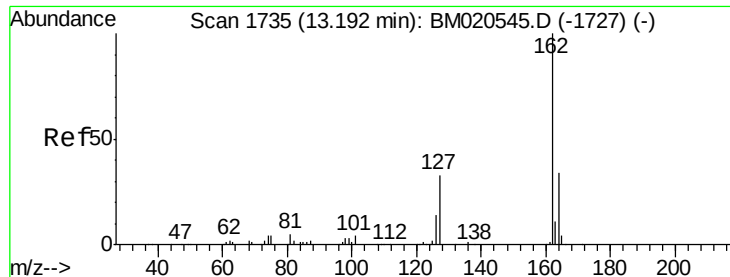
Tot Ion:172 Resp: 849200
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 22.4 18.2 27.4



#46
1,1'-Biphenyl
Concen: 40.046 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:154 Resp: 397058
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.7 0.0 32.2

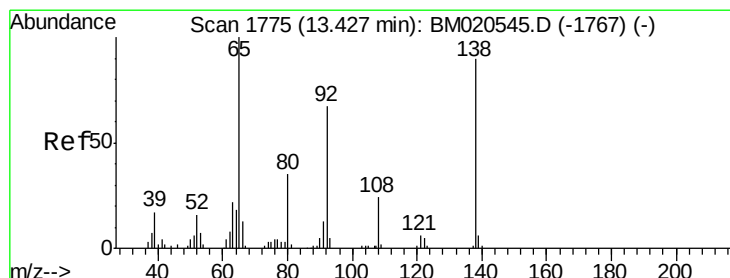
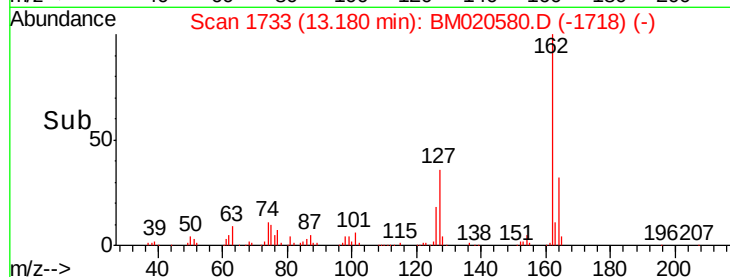
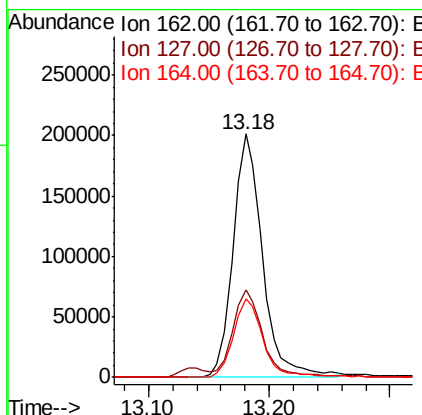
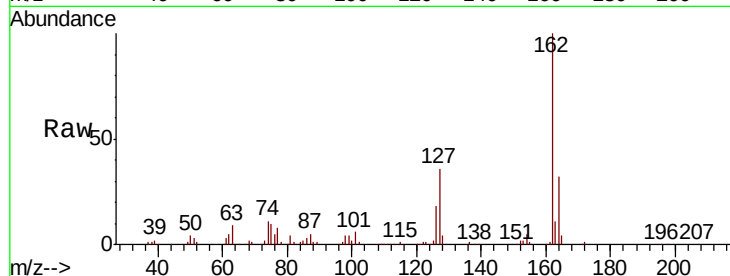




#47
2-Chloronaphthalene
Concen: 40.687 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

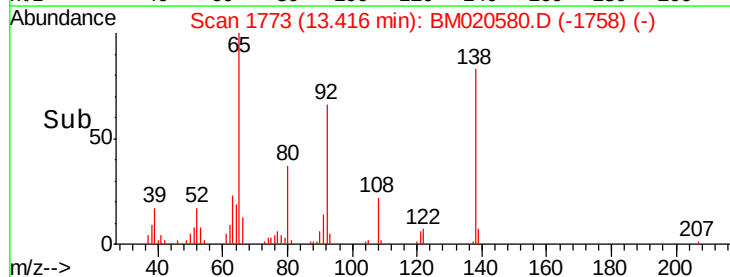
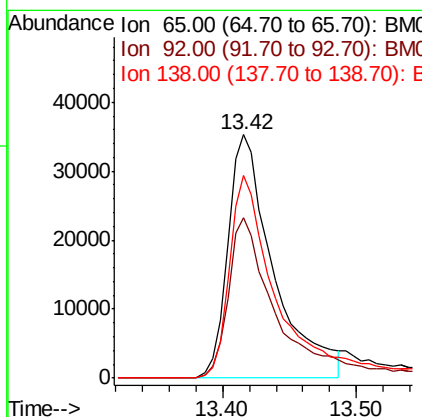
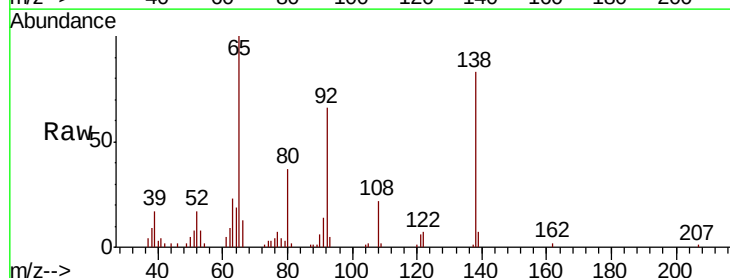
Instrument :
BNA_M
ClientSampled :

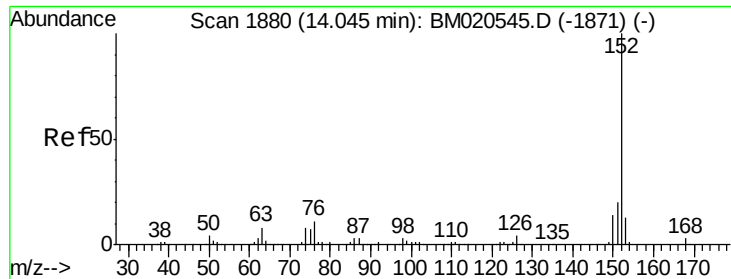
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	29.2	43.8
164	32.1	27.4	41.2



#48
2-Nitroaniline
Concen: 33.650 ng
RT: 13.42 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.6	80.4
138	83.4	72.0	108.0





#49

Acenaphthylene

Concen: 38.794 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

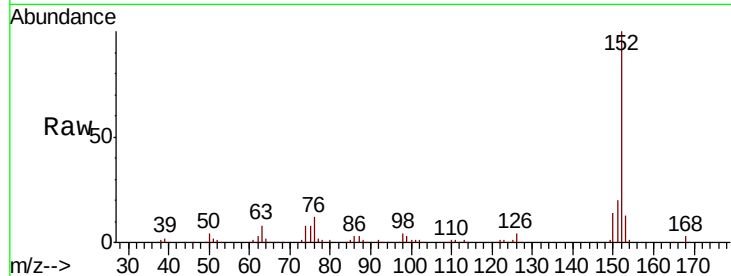
Tot Ion:152 Resp: 495863

Ion Ratio Lower Upper

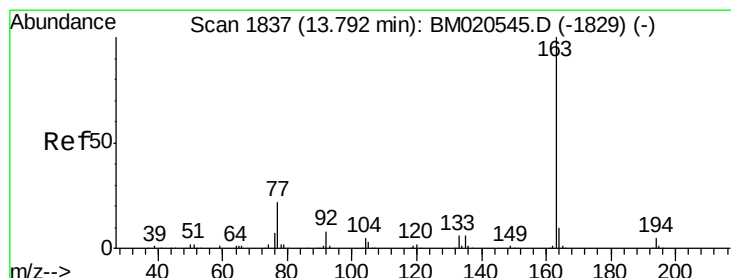
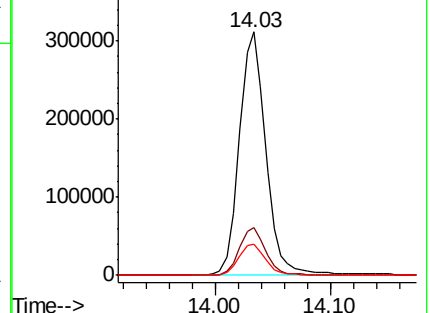
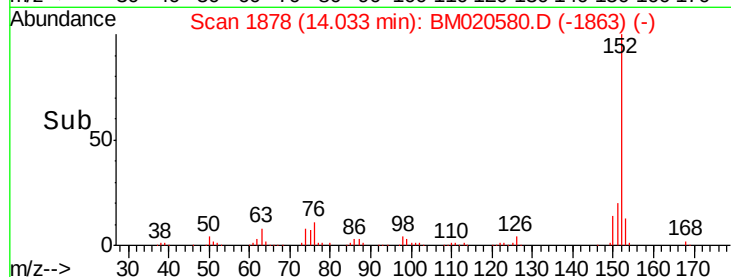
152 100

151 19.5 15.7 23.5

153 12.6 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: 38.182 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

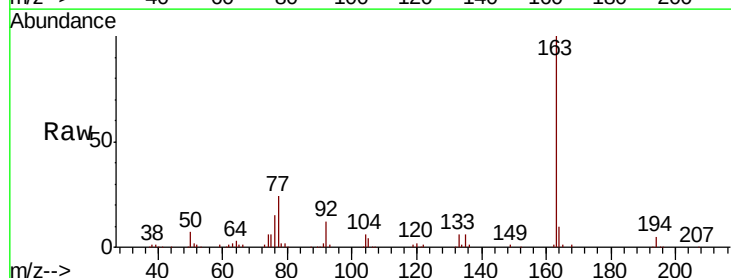
Tgt Ion:163 Resp: 435393

Ion Ratio Lower Upper

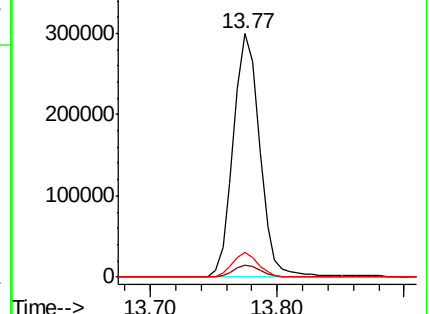
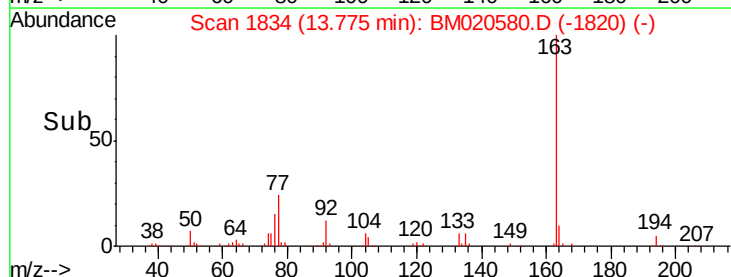
163 100

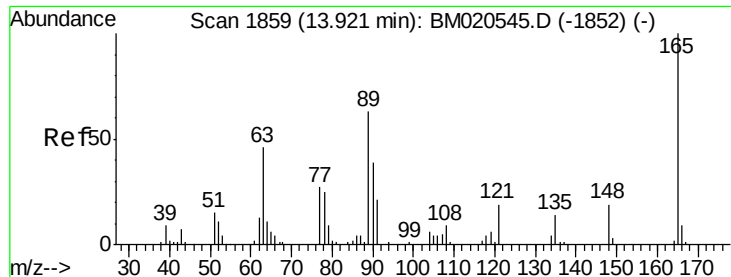
194 4.8 3.9 5.9

164 10.0 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

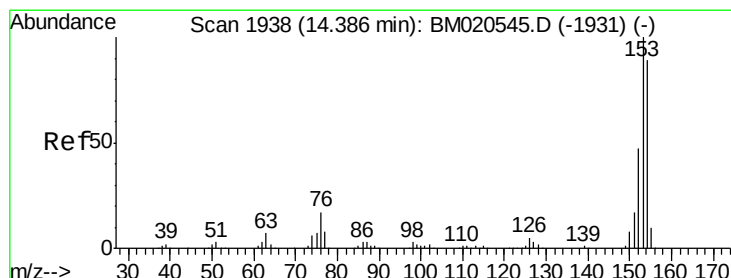
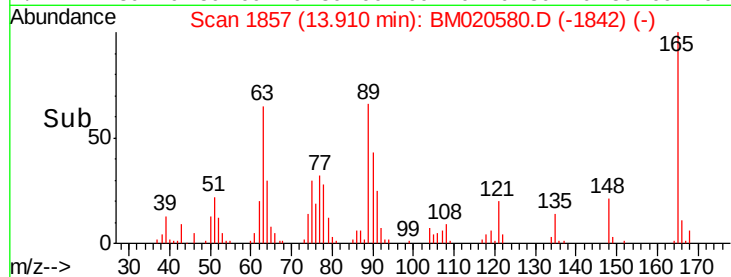
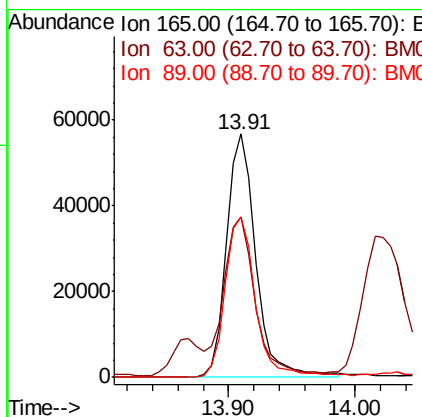
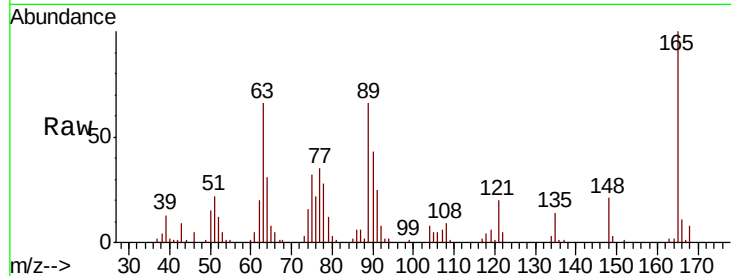




#51
 2,6-Dinitrotoluene
 Concen: 38.021 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

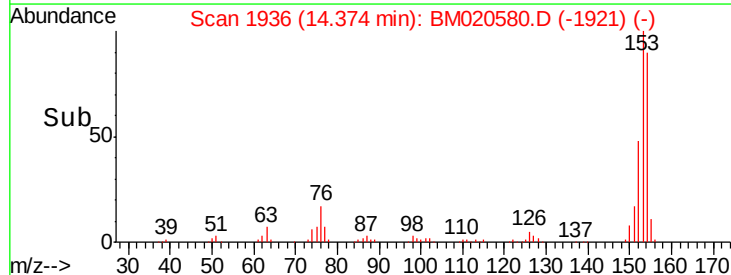
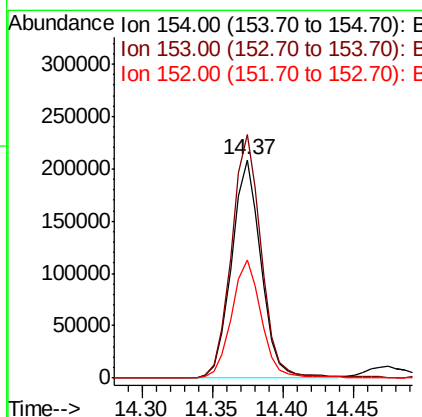
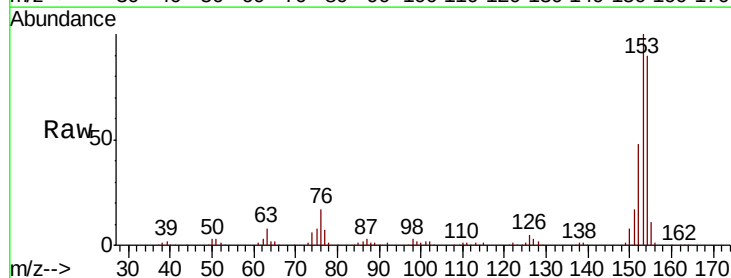
Instrument :
 BNA_M
 ClientSampleId :

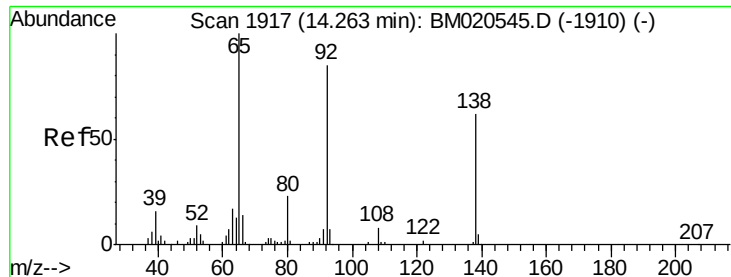
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.9	49.6	74.4
89	65.9	50.8	76.2



#52
 Acenaphthene
 Concen: 39.433 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.2	135.4
152	54.0	42.0	63.0

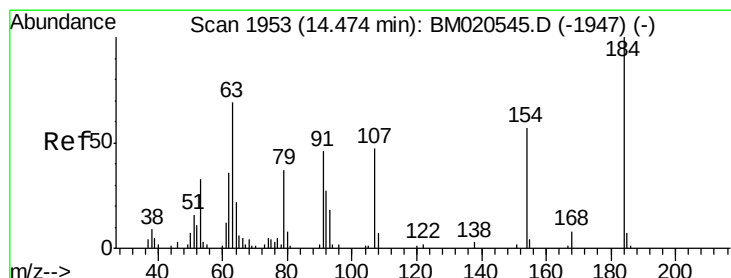
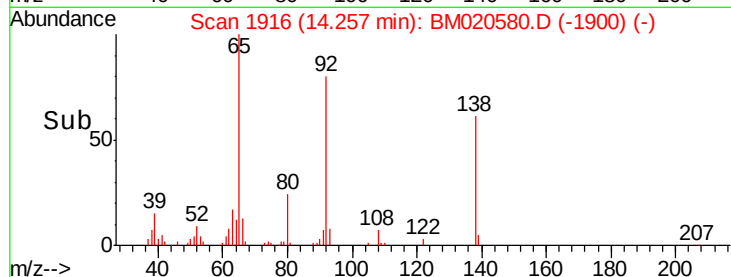
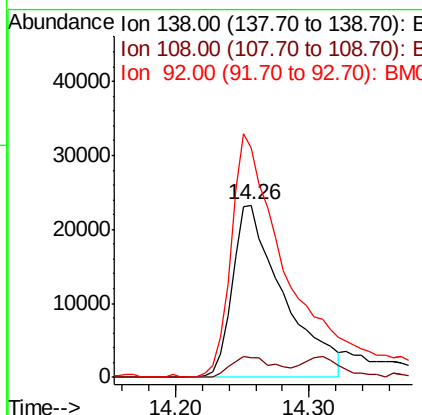
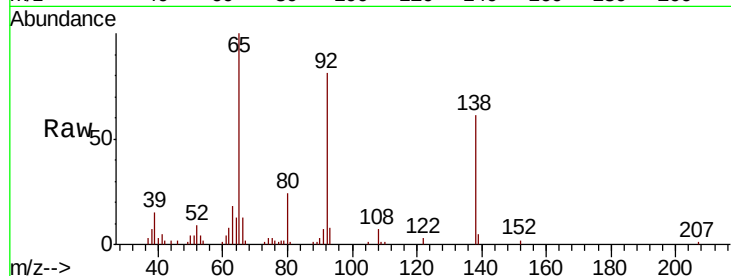




#53
 3-Nitroaniline
 Concen: 31.340 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

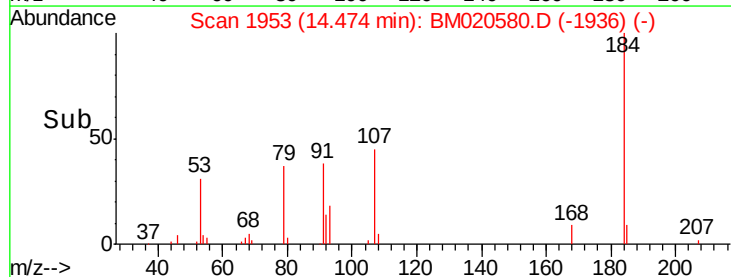
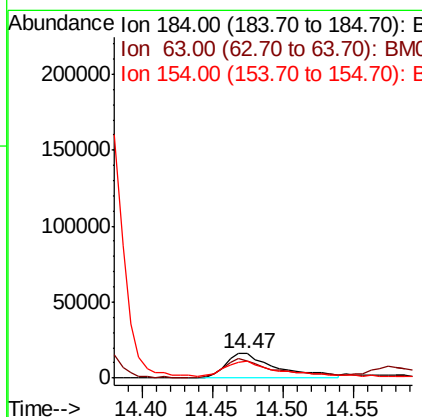
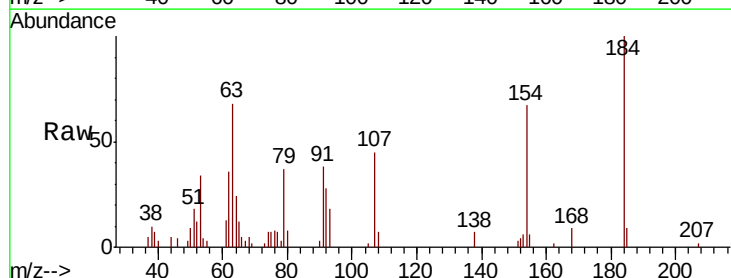
Instrument :
 BNA_M
 ClientSampleId :

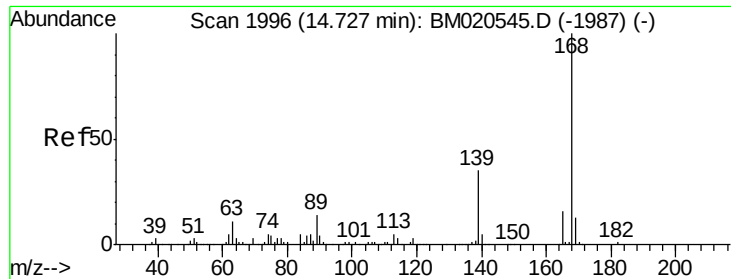
Tot Ion:138 Resp: 61730
 Ion Ratio Lower Upper
 138 100
 108 11.7 10.1 15.1
 92 133.4 109.5 164.3



#54
 2,4-Dinitrophenol
 Concen: 34.158 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion:184 Resp: 41649
 Ion Ratio Lower Upper
 184 100
 63 68.4 56.3 84.5
 154 67.2 49.0 73.6





#55

Dibenzofuran

Concen: 38.907 ng

RT: 14.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

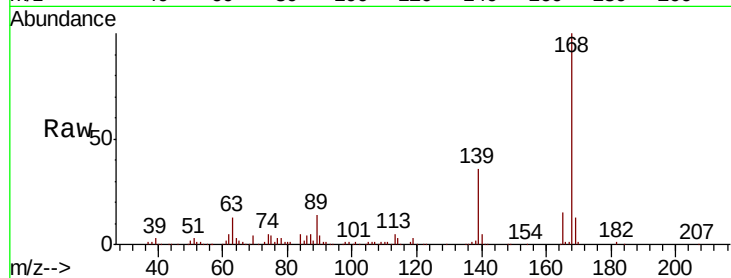
Tot Ion:168 Resp: 518593

Ion Ratio Lower Upper

168 100

139 35.8 28.2 42.4

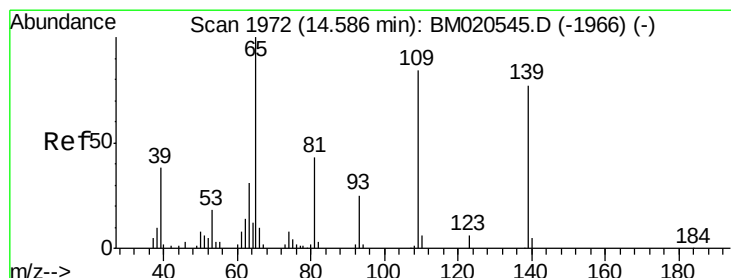
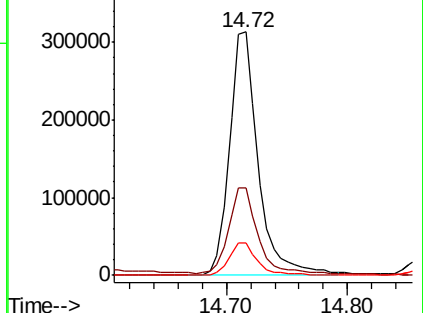
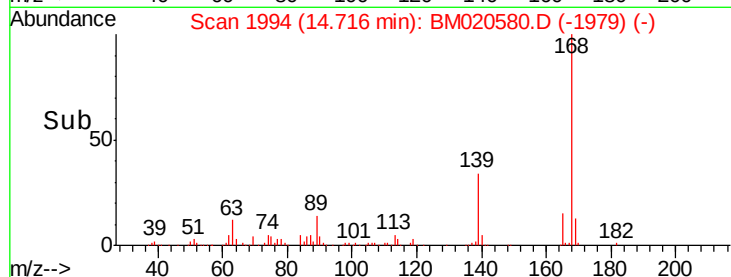
169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.667 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

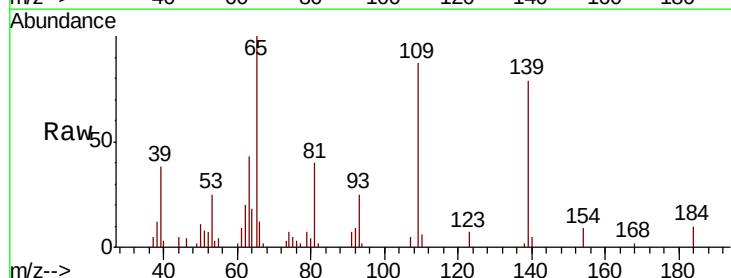
Tgt Ion:139 Resp: 45471

Ion Ratio Lower Upper

139 100

109 110.3 89.4 129.4

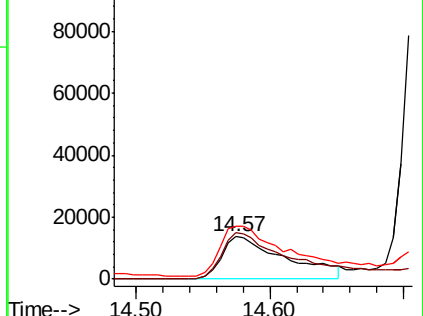
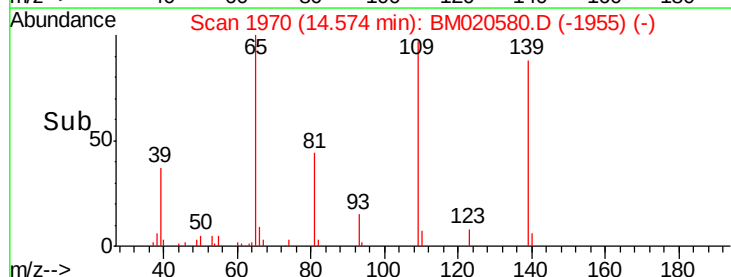
65 126.6 113.3 153.3

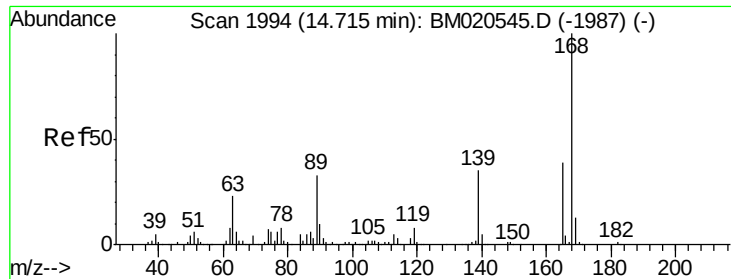


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

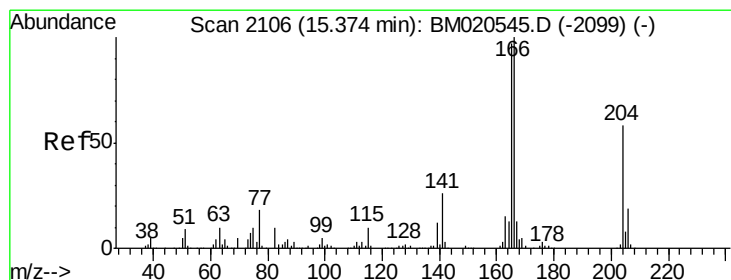
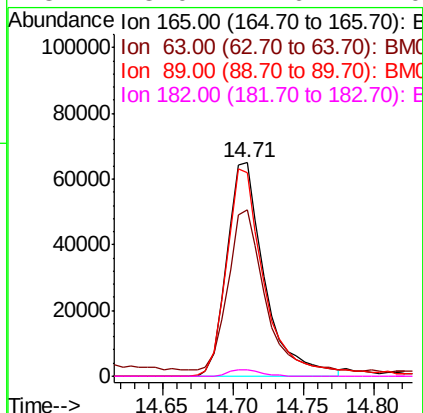
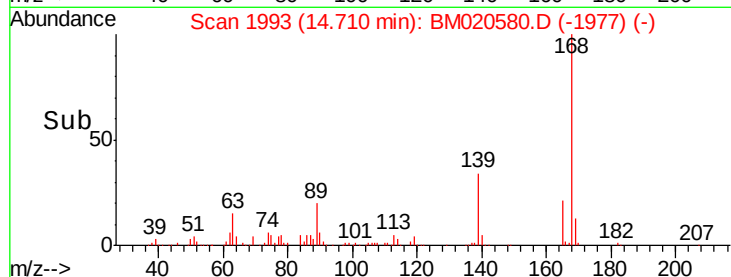
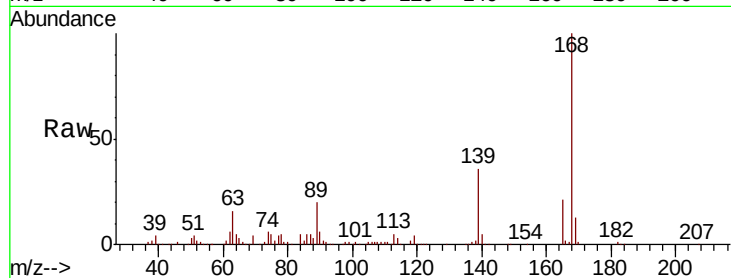




#57
2,4-Dinitrotoluene
Concen: 35.263 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

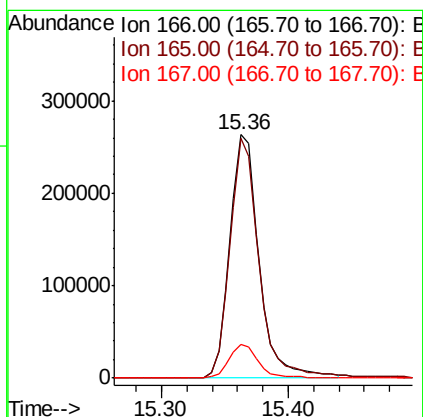
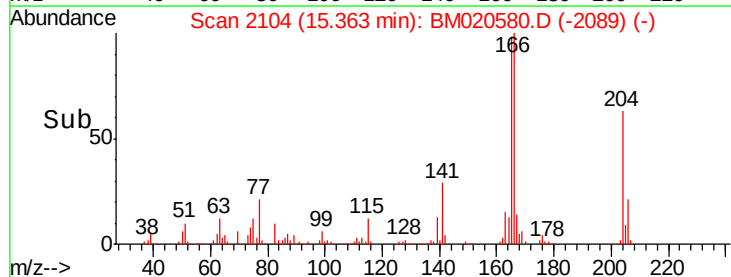
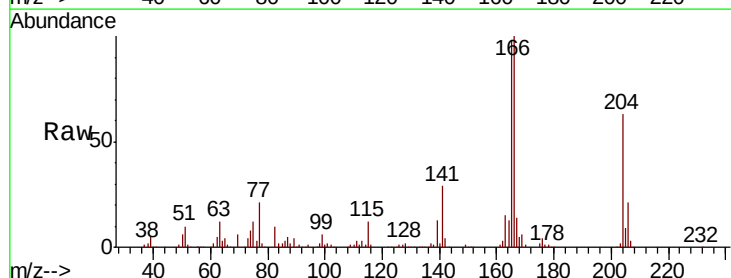
Instrument :
BNA_M
ClientSampled :

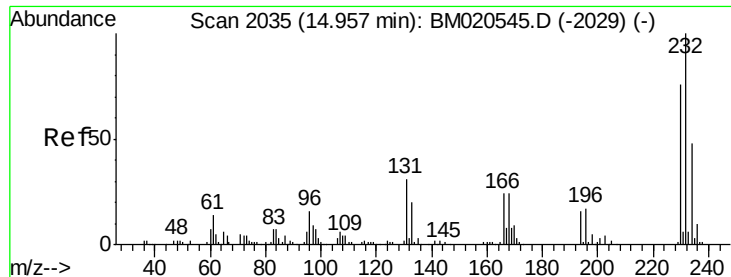
Tot Ion:165 Resp: 121023
Ion Ratio Lower Upper
165 100
63 78.1 48.7 73.1#
89 95.2 68.8 103.2
182 3.0 2.6 4.0



#58
Fluorene
Concen: 37.995 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:166 Resp: 420692
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 14.1 10.6 16.0

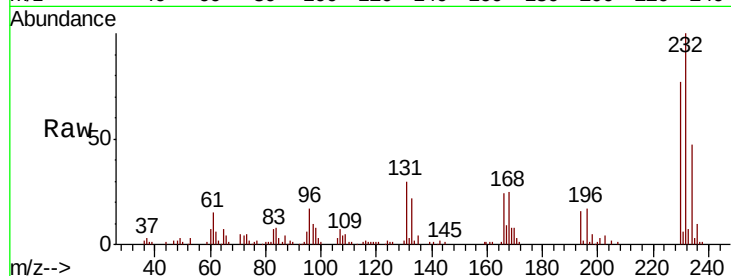




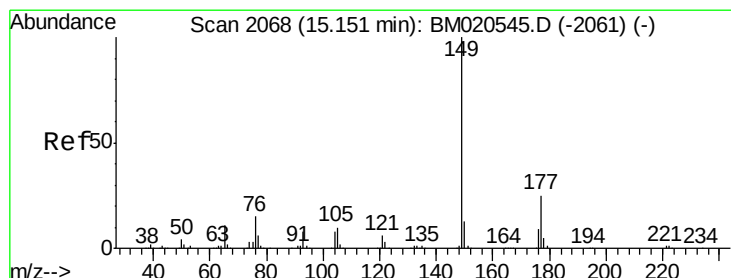
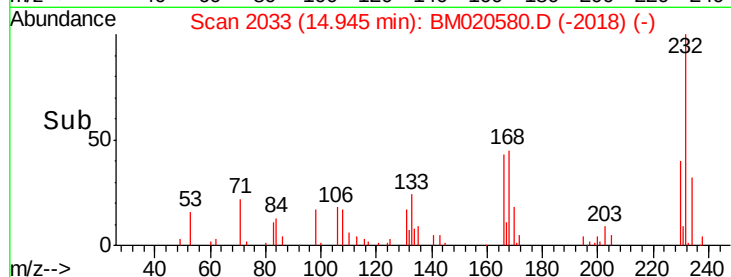
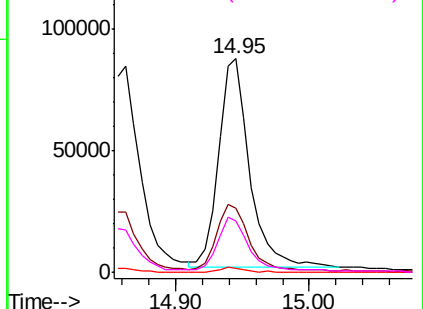
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.371 ng
 RT: 14.95 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.3	25.4	38.0
130	1.9	1.5	2.3
166	25.4	19.7	29.5

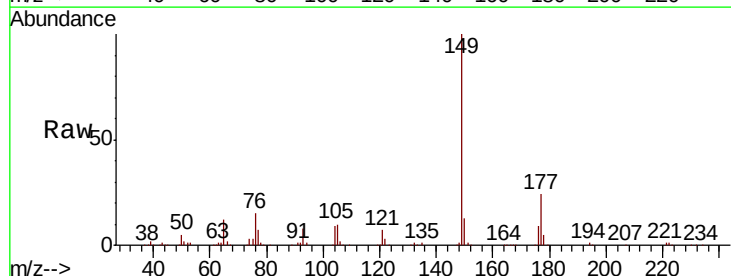


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

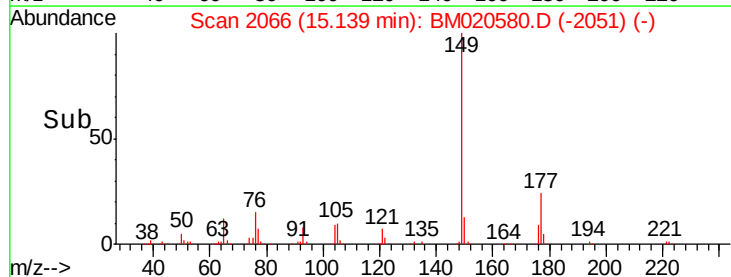
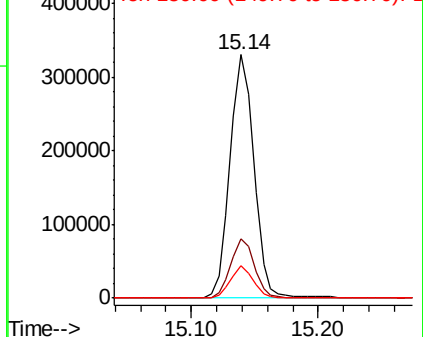


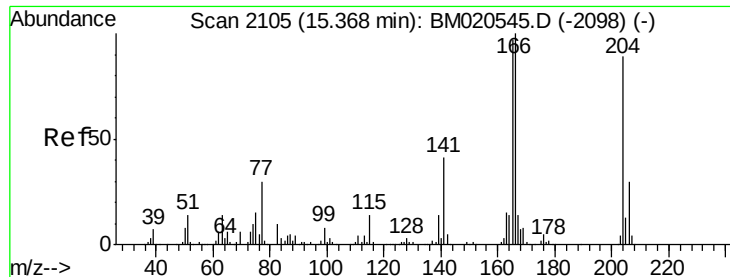
#60
 Diethylphthalate
 Concen: 38.507 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.8	29.8
150	13.1	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

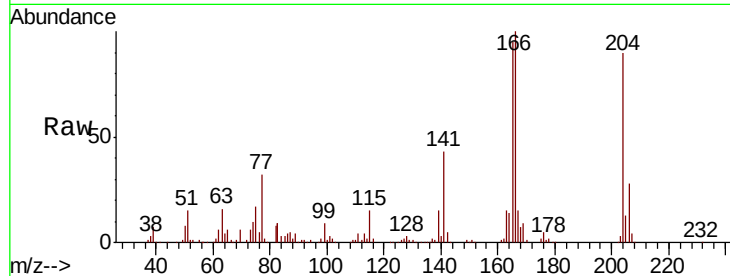




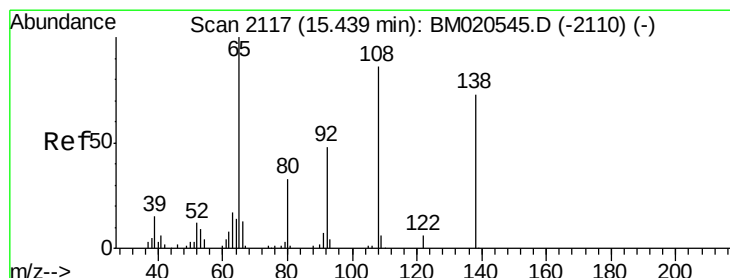
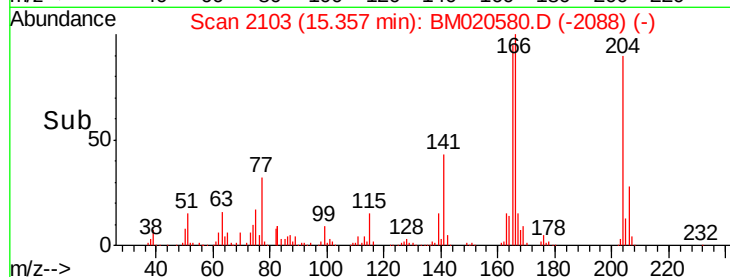
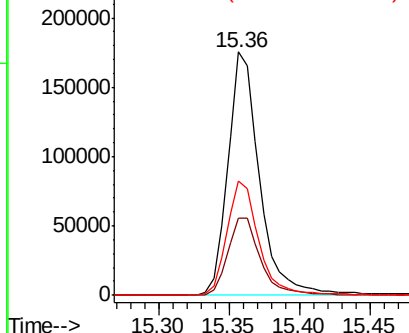
#61
4-Chlorophenyl-phenylether
Concen: 38.619 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 272987
Ion Ratio Lower Upper
204 100
206 31.5 26.6 40.0
141 47.1 36.9 55.3

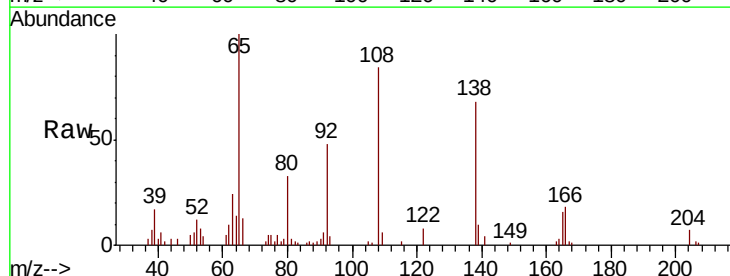


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

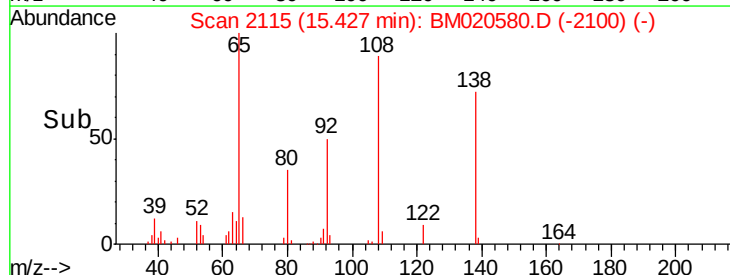
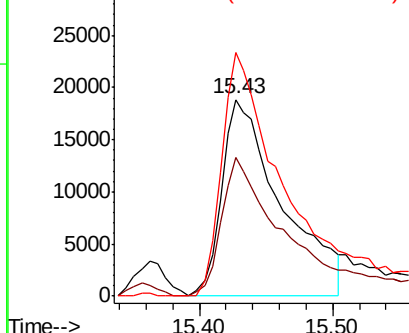


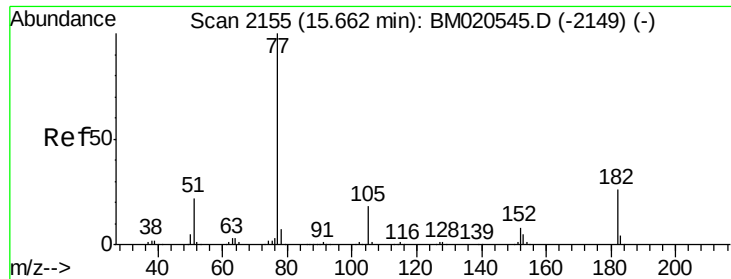
#62
4-Nitroaniline
Concen: 29.348 ng
RT: 15.43 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:138 Resp: 58631
Ion Ratio Lower Upper
138 100
92 70.4 44.5 84.5
108 123.8 95.9 135.9



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





#63

Azobenzene

Concen: 39.168 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 428197

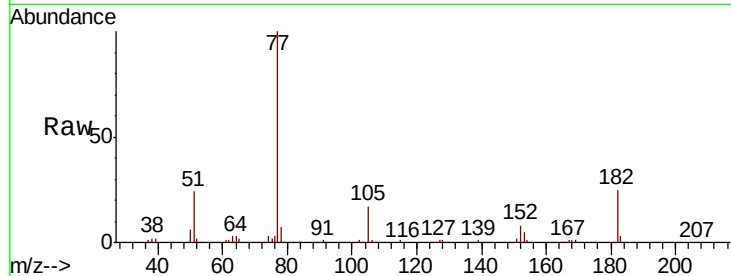
Ion	Ratio	Lower	Upper
77	100		
182	24.9	5.7	45.7
105	16.8	0.0	37.6
51	23.6	1.7	41.7

77 100

182 24.9 5.7 45.7

105 16.8 0.0 37.6

51 23.6 1.7 41.7

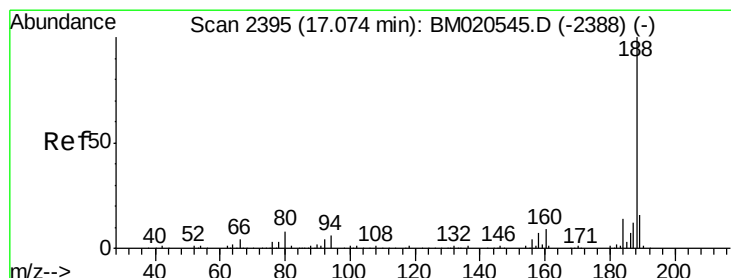
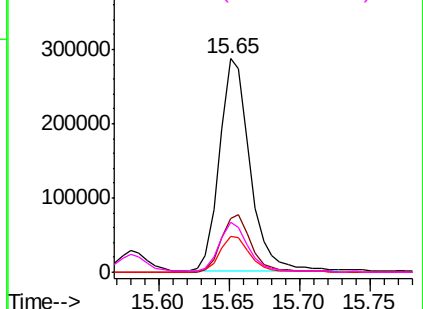
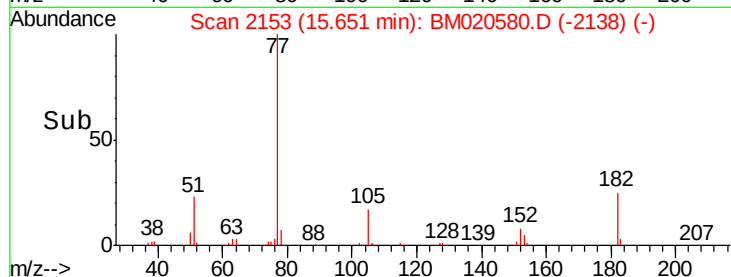


Abundance Ion 77.00 (76.70 to 77.70): BM020580.D (-2153) (-)

Ion 182.00 (181.70 to 182.70): BM020580.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): BM020580.D (-2153) (-)

Ion 51.00 (50.70 to 51.70): BM020580.D (-2153) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

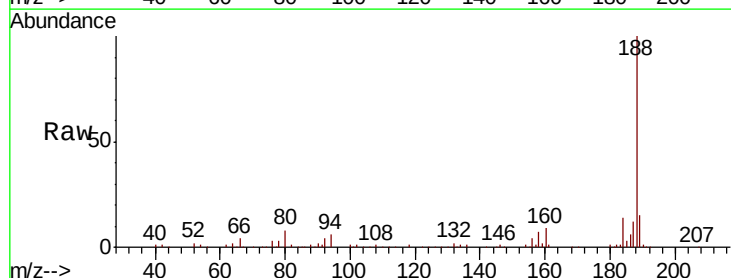
Tgt Ion: 188 Resp: 332423

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.0	7.4
80	7.7	6.5	9.7

188 100

94 6.5 5.0 7.4

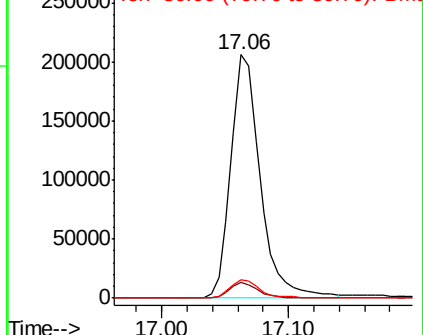
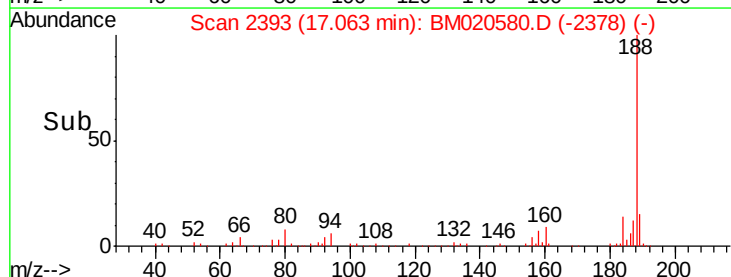
80 7.7 6.5 9.7

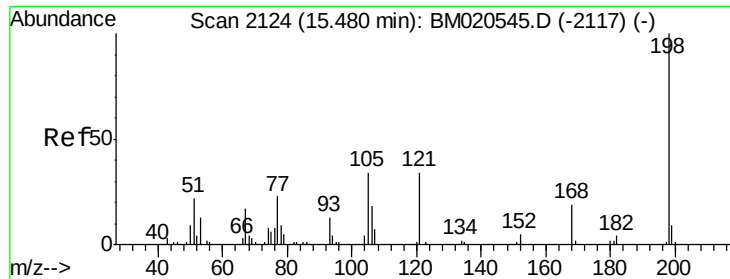


Abundance Ion 188.00 (187.70 to 188.70): BM020580.D (-2393) (-)

Ion 94.00 (93.70 to 94.70): BM020580.D (-2393) (-)

Ion 80.00 (79.70 to 80.70): BM020580.D (-2393) (-)

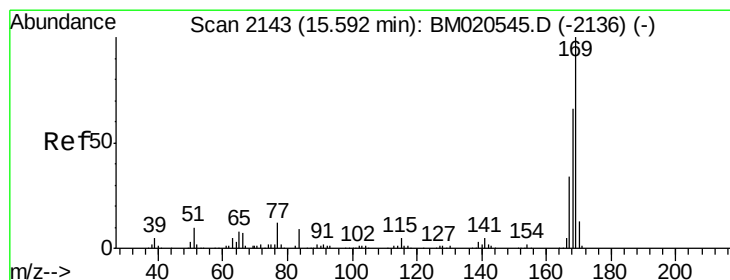
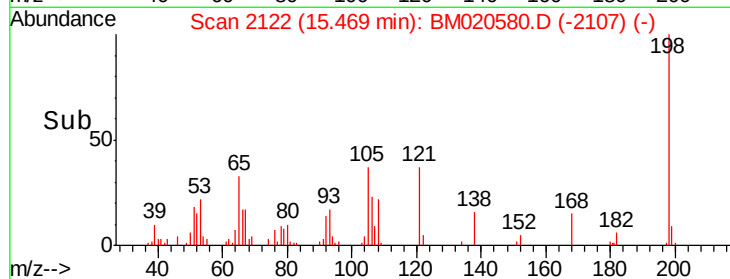
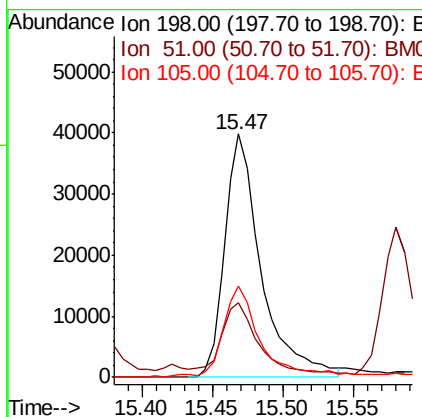
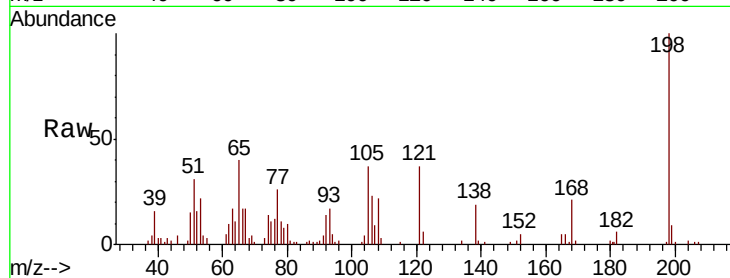




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.898 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

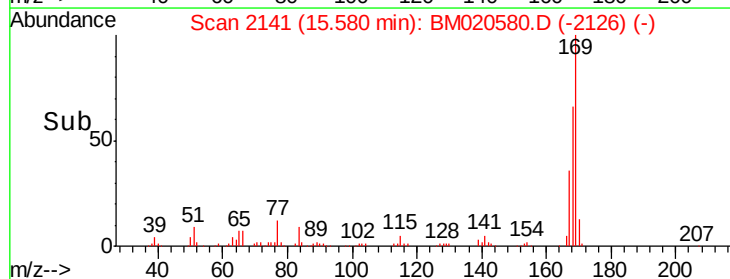
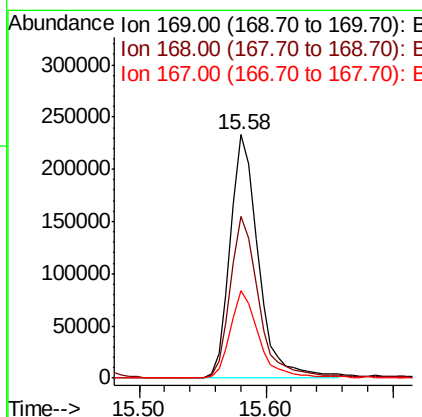
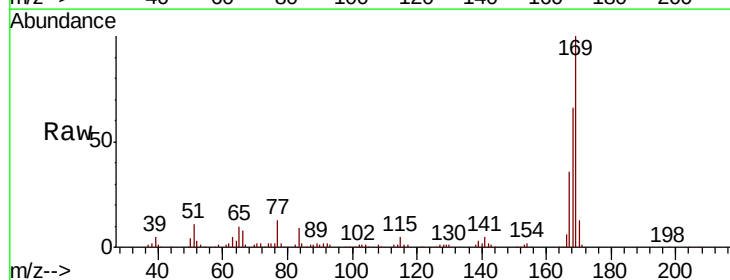
Instrument :
 BNA_M
 ClientSampled :

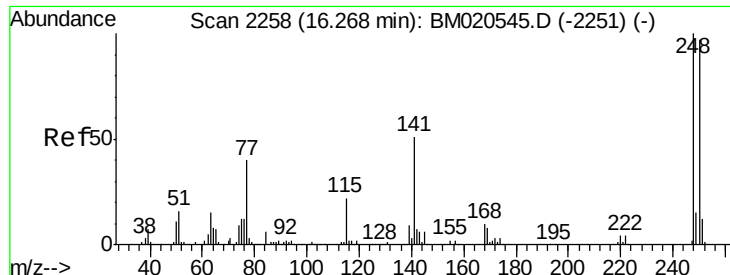
Tot Ion:198 Resp: 71721
 Ion Ratio Lower Upper
 198 100
 51 30.7 6.4 46.4
 105 37.3 15.1 55.1



#66
 n-Nitrosodiphenylamine
 Concen: 39.833 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion:169 Resp: 359040
 Ion Ratio Lower Upper
 169 100
 168 66.4 52.5 78.7
 167 35.7 27.5 41.3

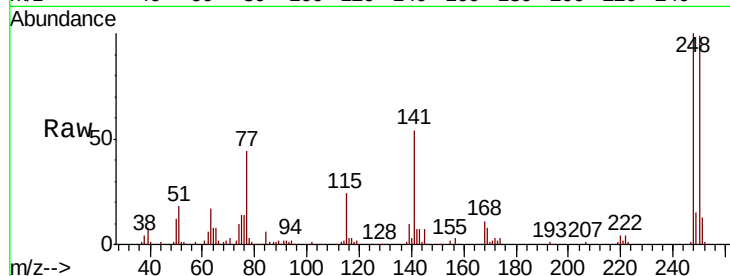




#67
 4-Bromophenyl-phenylether
 Concen: 40.732 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.8	116.6
141	54.0	41.0	61.6

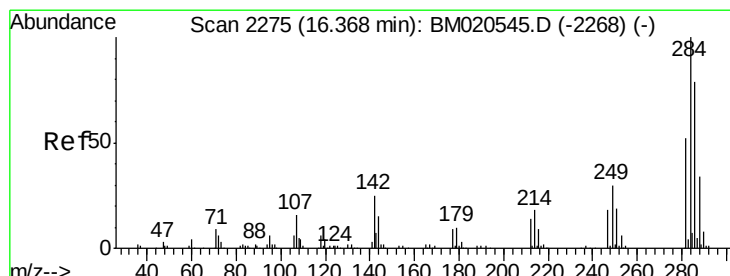
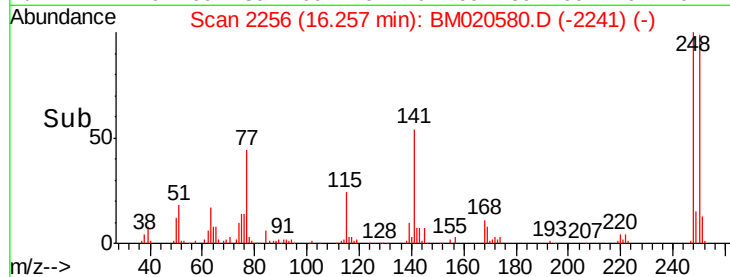
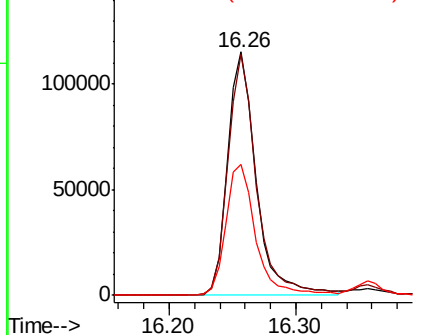


Abundance

Ion 248.00 (247.70 to 248.70): E

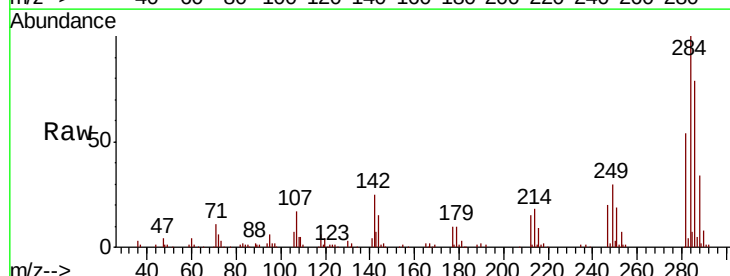
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.046 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	20.2	30.2
249	30.5	23.9	35.9

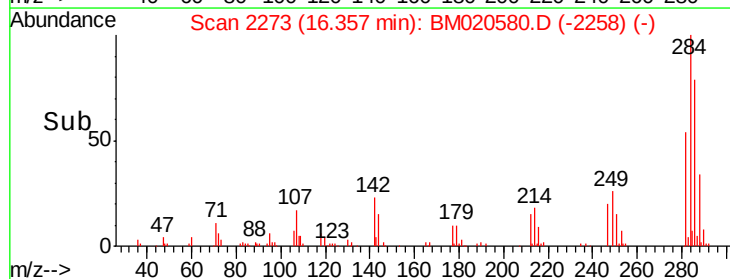
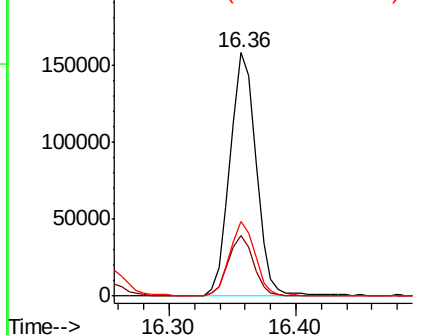


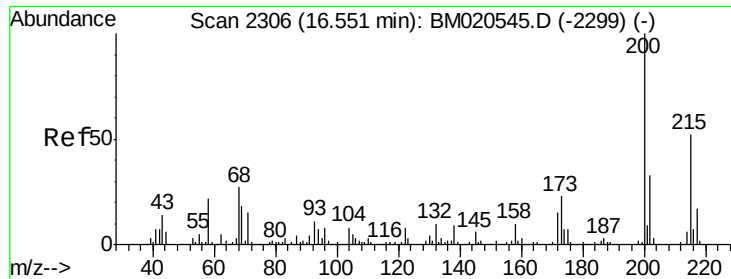
Abundance

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: 40.295 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampled :

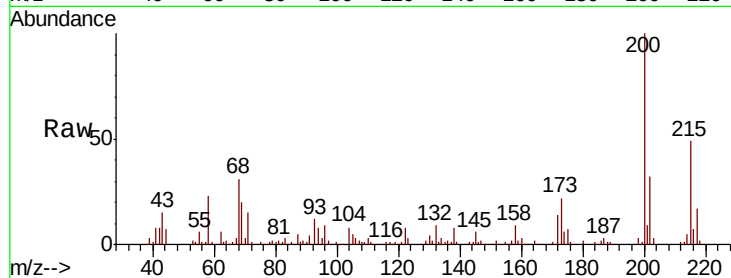
Tot Ion:200 Resp: 149434

Ion Ratio Lower Upper

200 100

173 21.8 3.2 43.2

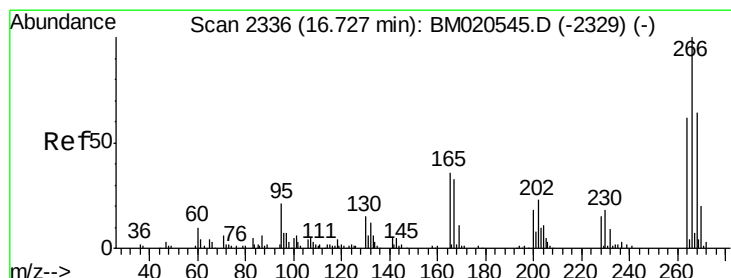
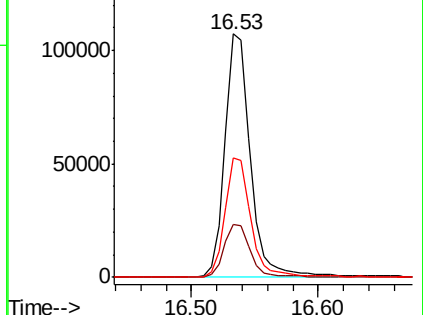
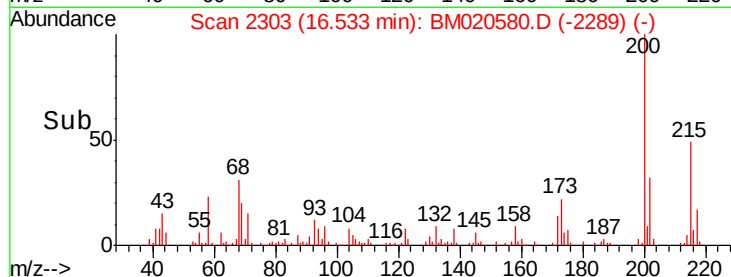
215 49.0 31.7 71.7



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: 40.090 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

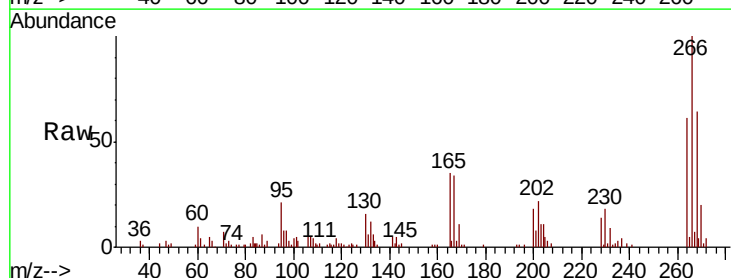
Tgt Ion:266 Resp: 111186

Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

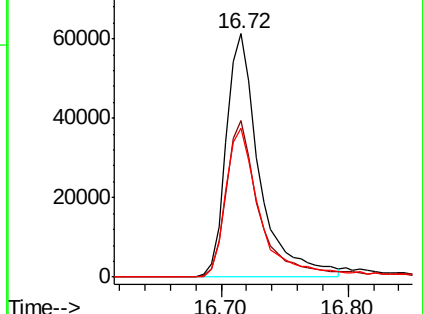
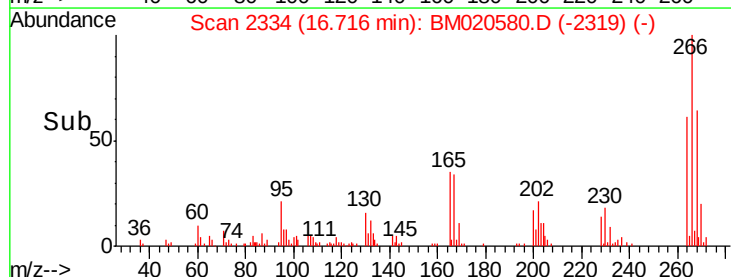
264 61.0 49.8 74.8

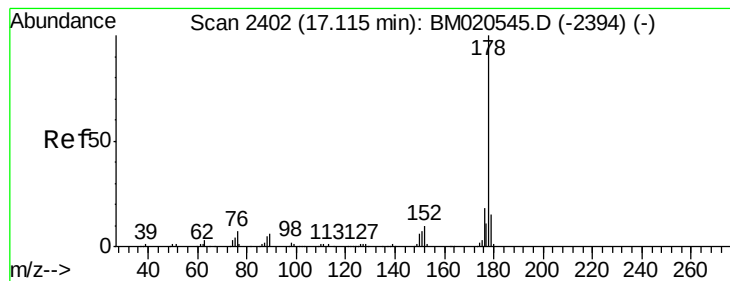


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.610 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

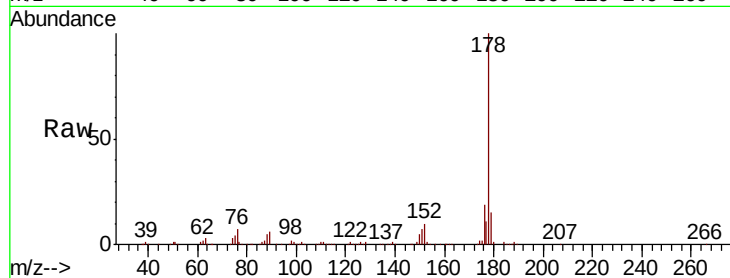
Tot Ion:178 Resp: 715321

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

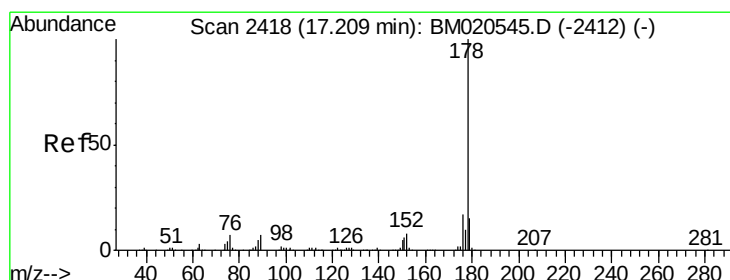
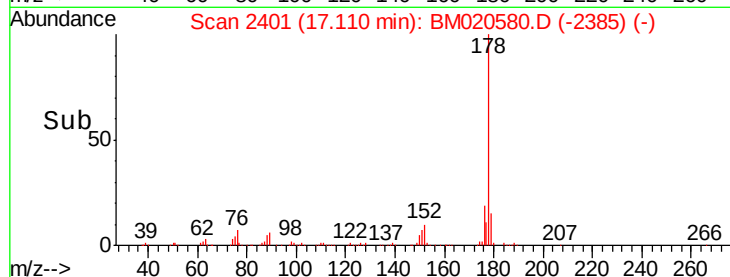
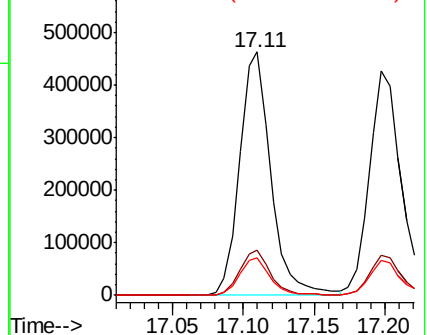
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.312 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

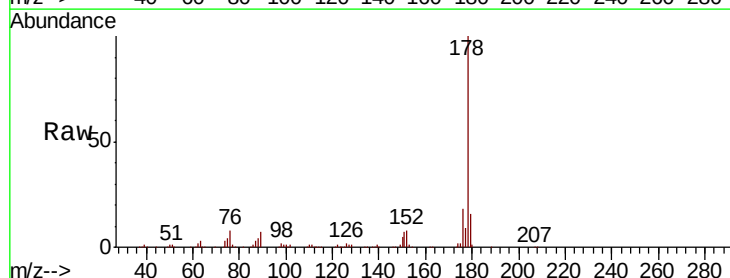
Tgt Ion:178 Resp: 653446

Ion Ratio Lower Upper

178 100

176 17.6 14.0 21.0

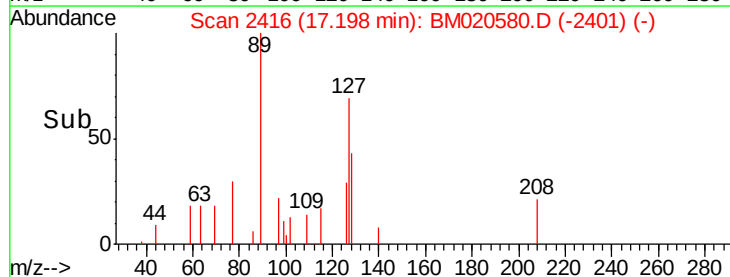
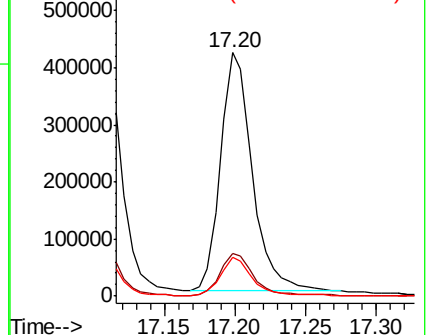
179 15.7 12.4 18.6

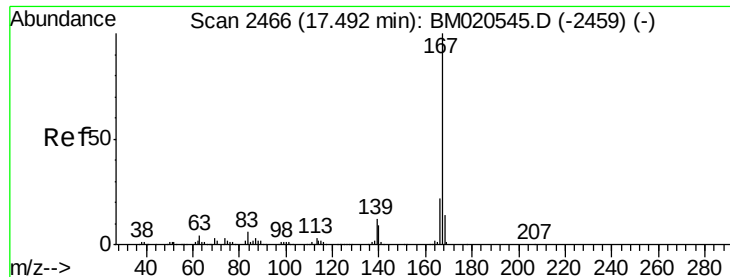


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.287 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

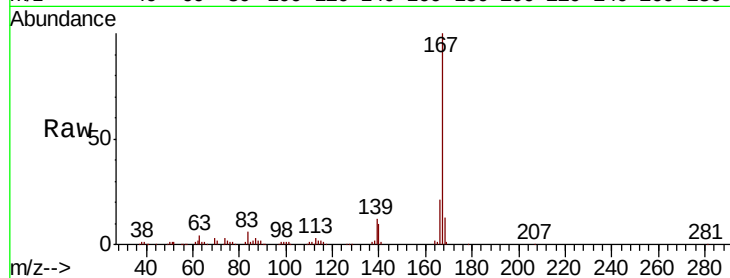
Tot Ion:167 Resp: 545383

Ion Ratio Lower Upper

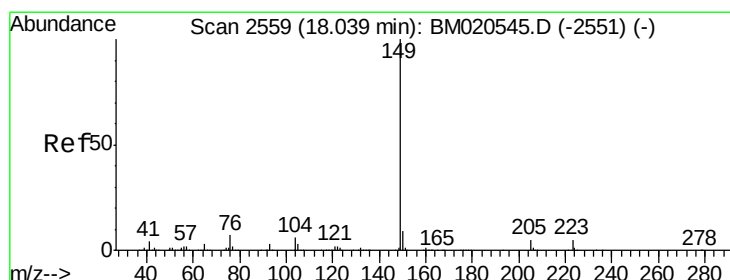
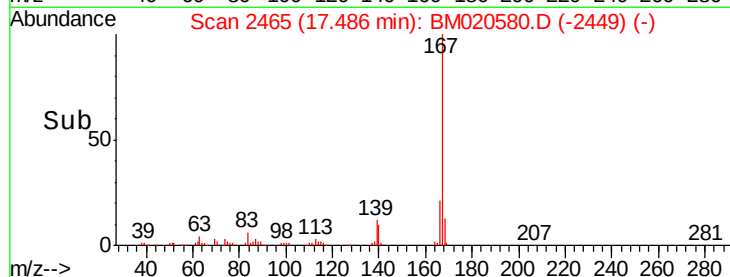
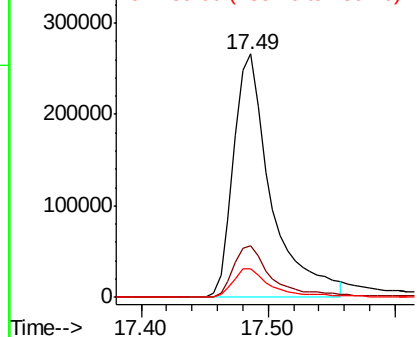
167 100

166 21.0 17.4 26.0

139 11.7 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: 39.864 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

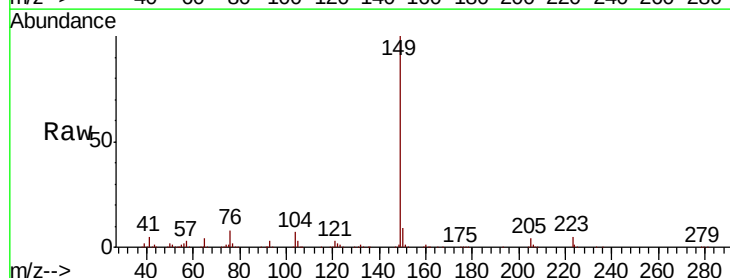
Tgt Ion:149 Resp: 737027

Ion Ratio Lower Upper

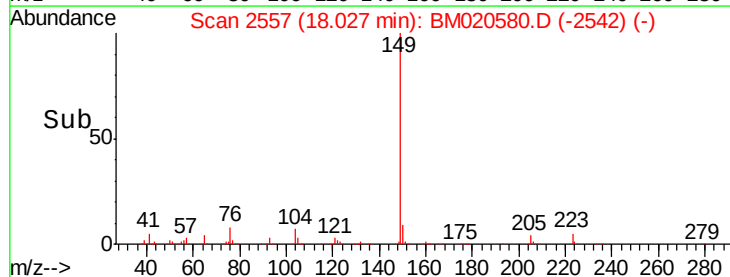
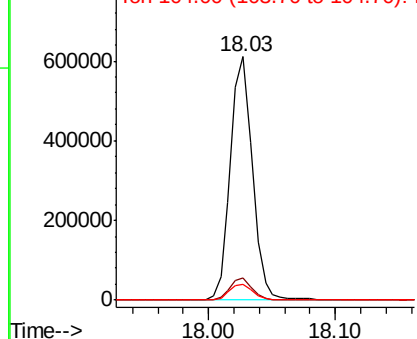
149 100

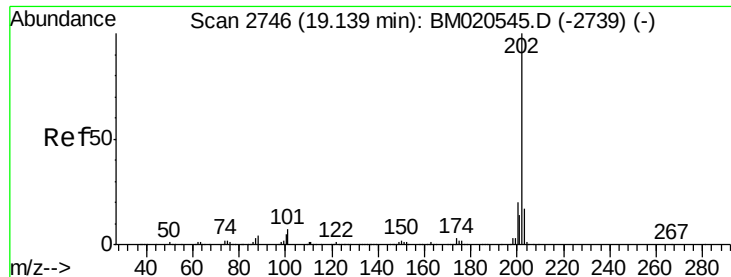
150 9.3 7.3 10.9

104 6.7 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: 38.922 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

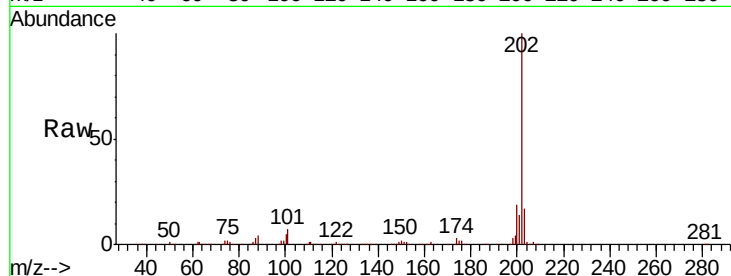
Tot Ion:202 Resp: 977453

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.7

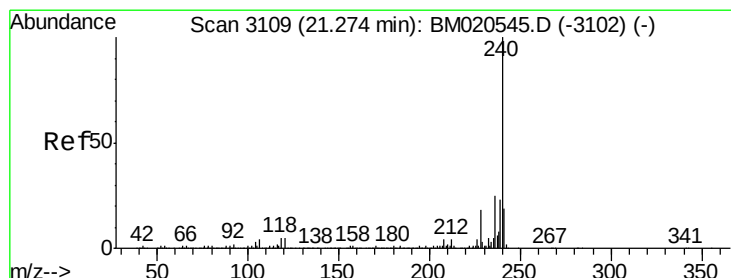
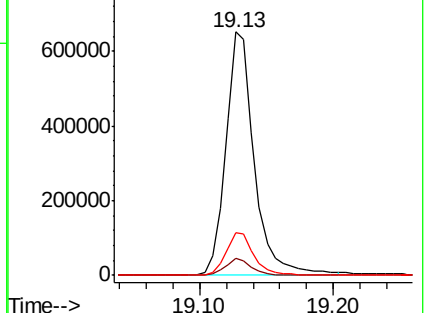
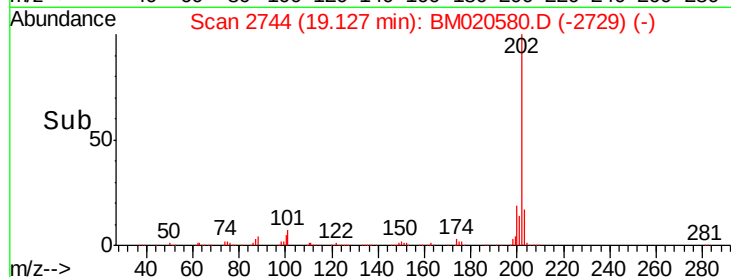
203 17.4 0.0 37.4



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: BM020580.D

Acq: 28 May 2019 14:26

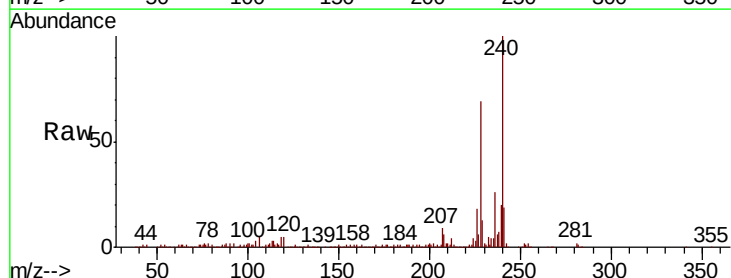
Tgt Ion:240 Resp: 411582

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

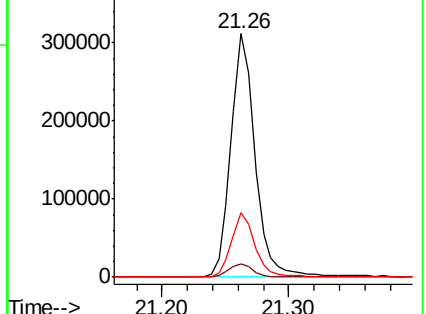
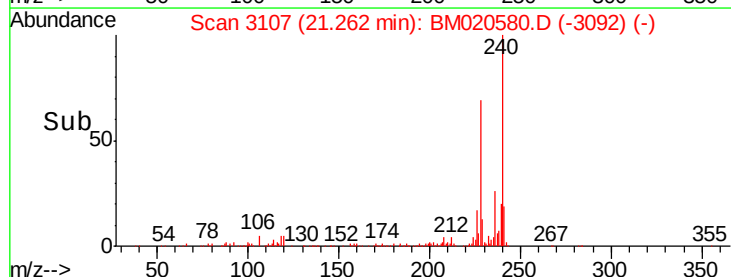
236 26.3 20.2 30.4

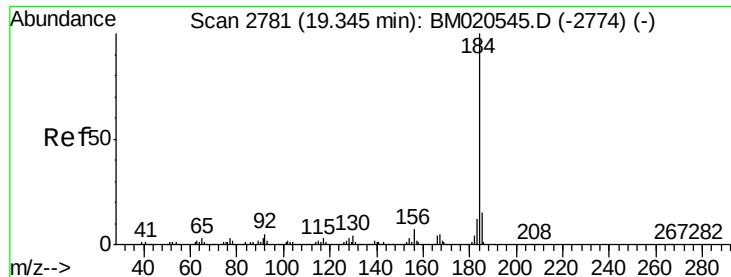


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.277 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

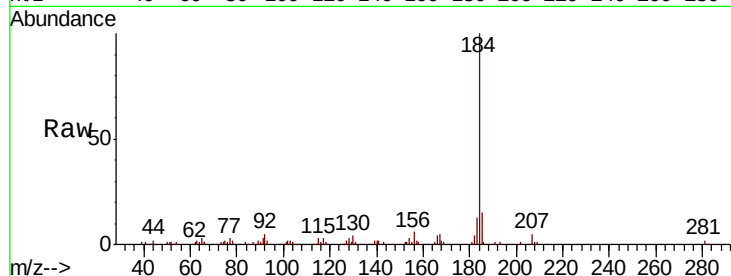
Tot Ion:184 Resp: 229009

Ion Ratio Lower Upper

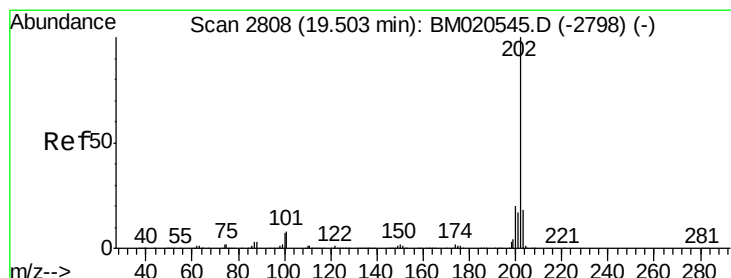
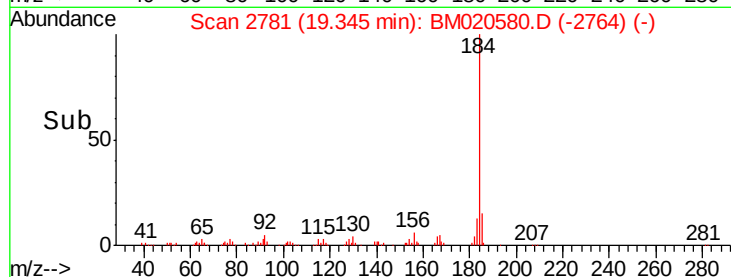
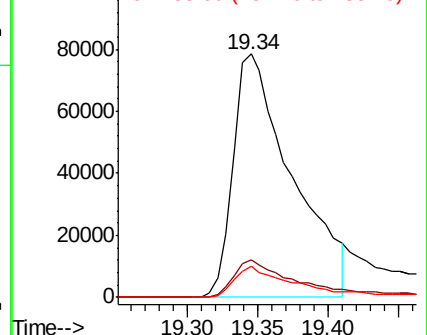
184 100

185 15.2 11.8 17.8

183 12.8 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: 39.470 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

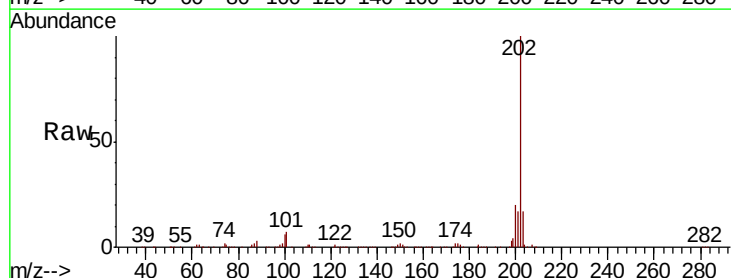
Tgt Ion:202 Resp: 1019870

Ion Ratio Lower Upper

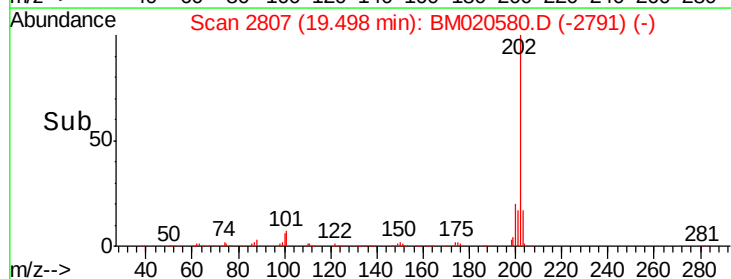
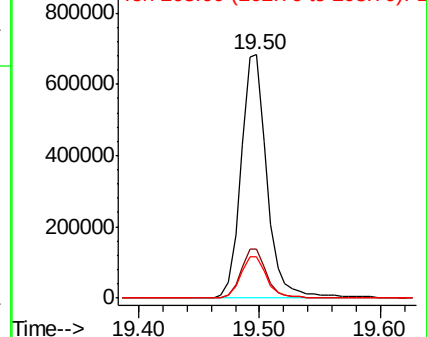
202 100

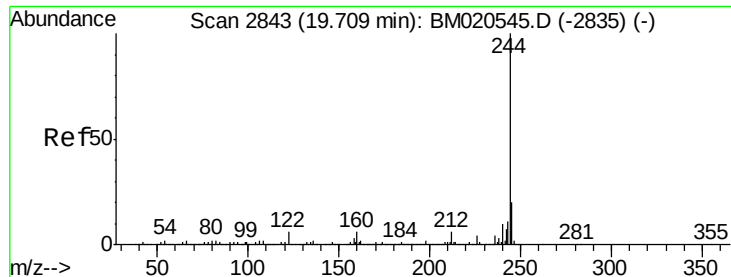
200 20.1 16.0 24.0

203 17.0 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

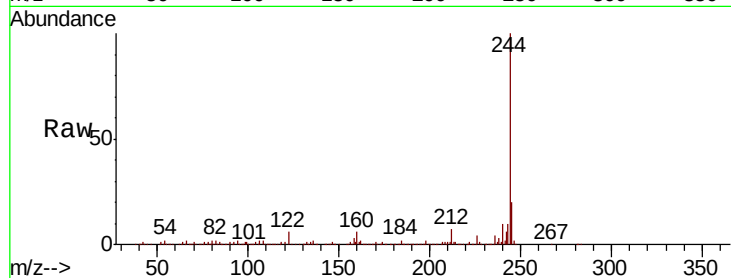




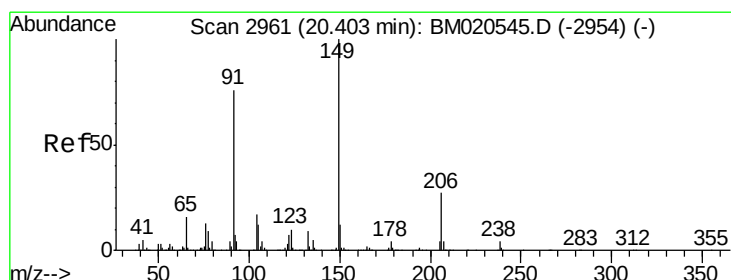
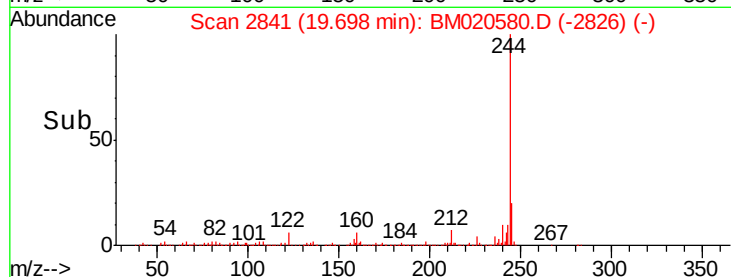
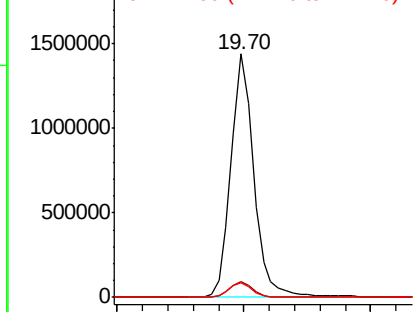
#79
 Terphenyl-d14
 Concen: 79.523 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1810521
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.6
 122 6.0 4.6 7.0

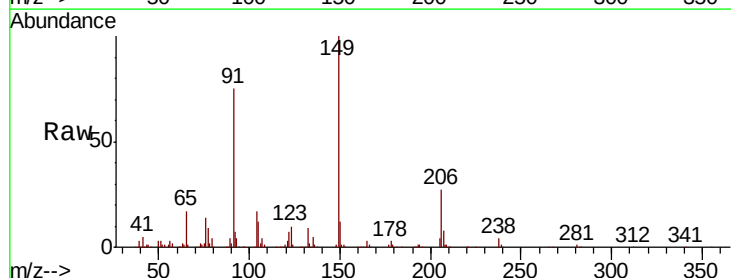


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

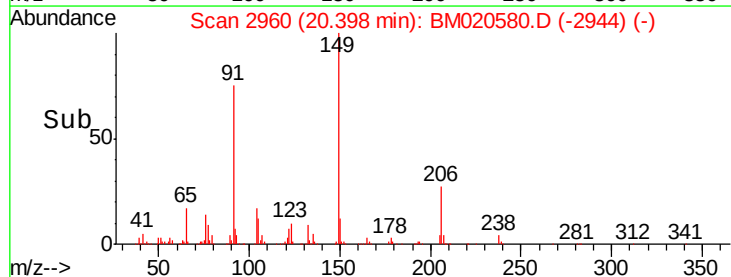
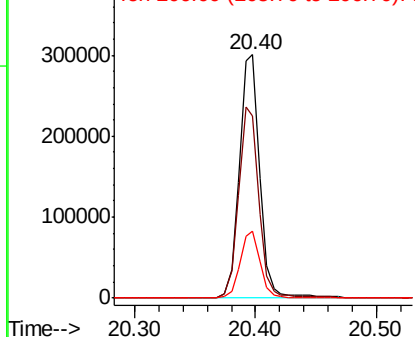


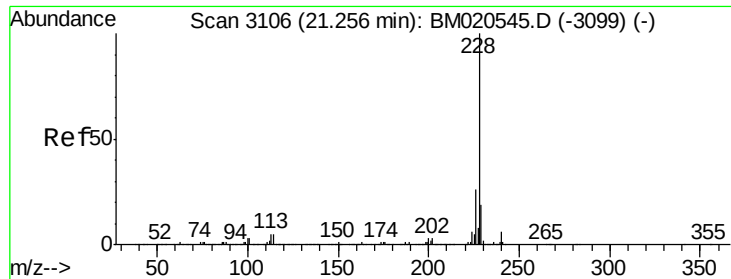
#80
 Butylbenzylphthalate
 Concen: 39.059 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020580.D
 Acq: 28 May 2019 14:26

Tgt Ion:149 Resp: 354618
 Ion Ratio Lower Upper
 149 100
 91 74.8 60.9 91.3
 206 27.5 21.6 32.4



Abundance Ion 149.00 (148.70 to 149.70): E
 400000 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

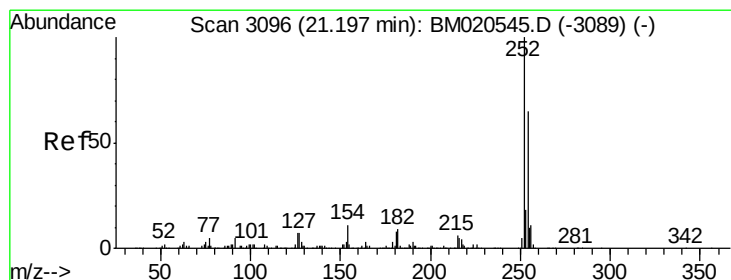
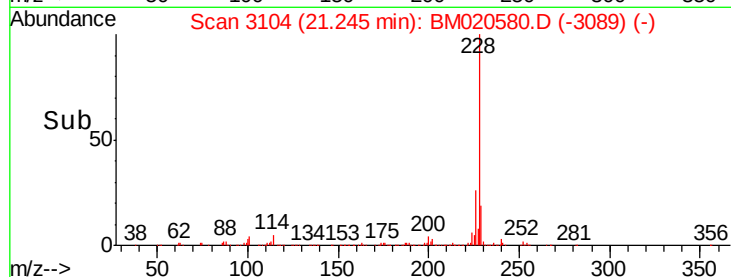
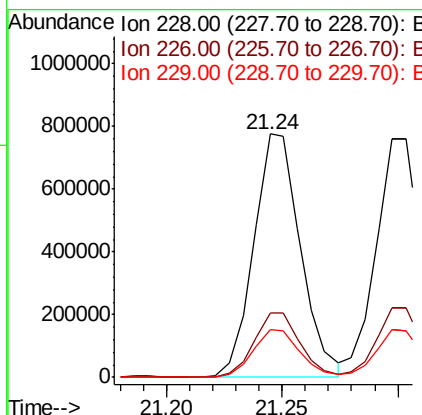
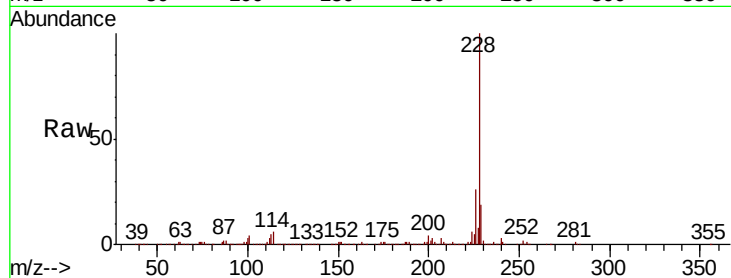




#81
Benzo(a)anthracene
Concen: 38.394 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

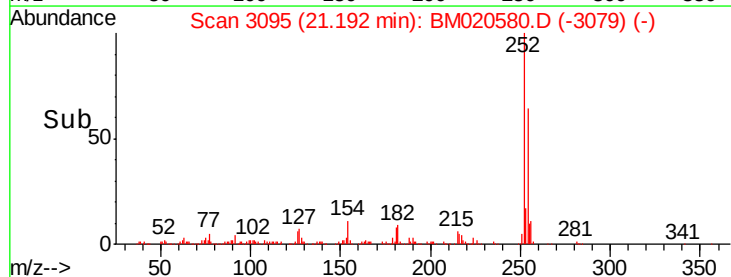
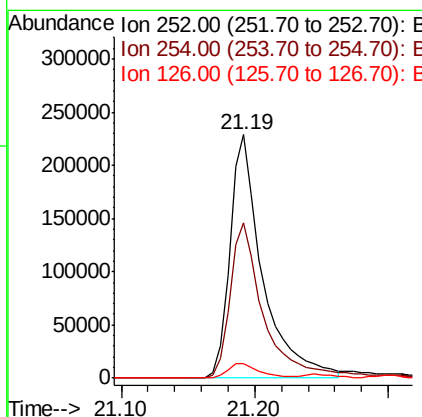
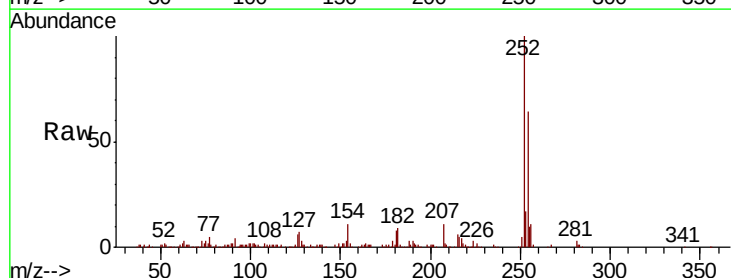
Instrument :
BNA_M
ClientSampled :

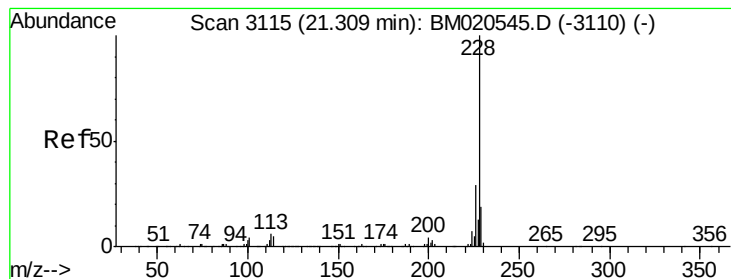
Tot Ion:228 Resp: 1093695
Ion Ratio Lower Upper
228 100
226 26.4 20.7 31.1
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 37.395 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:252 Resp: 388803
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.6
126 5.7 5.2 7.8





#83

Chrysene

Concen: 39.494 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

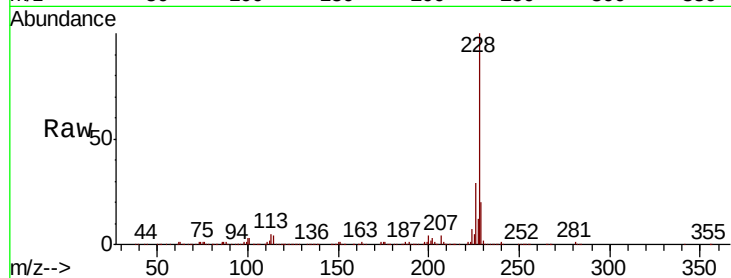
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1087100

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	19.5	15.4	23.2

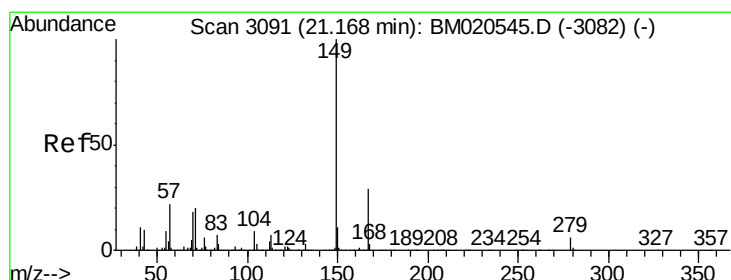
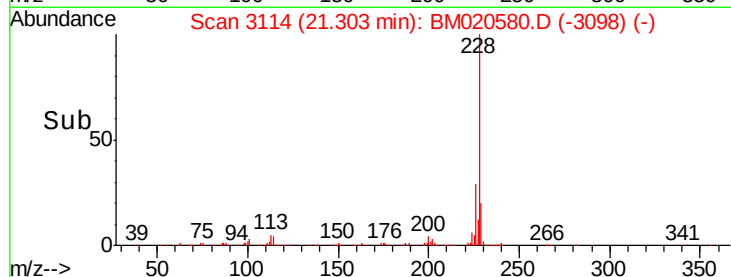
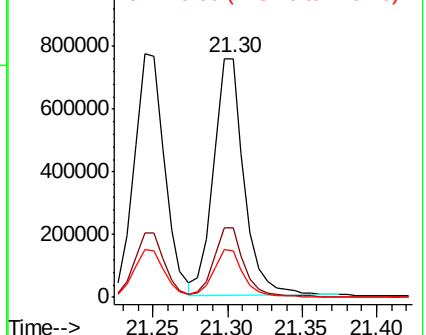


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.479 ng

RT: 21.16 min Scan# 3090

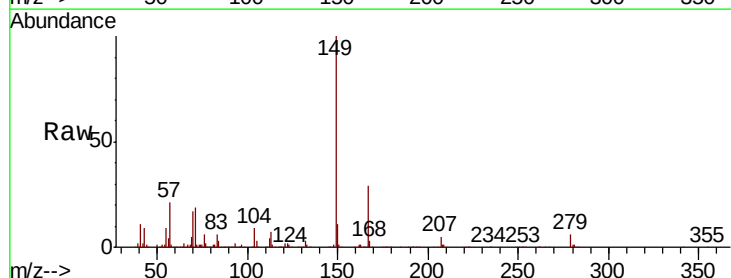
Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Tgt Ion:149 Resp: 535625

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	6.2	4.9	7.3

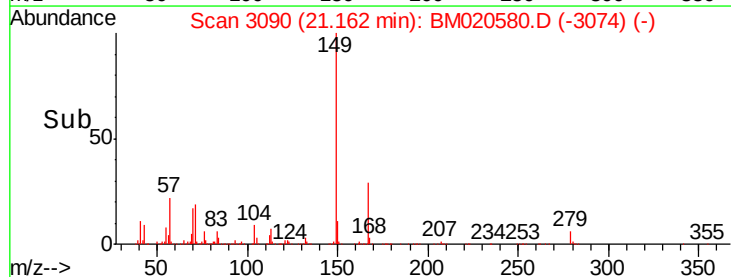
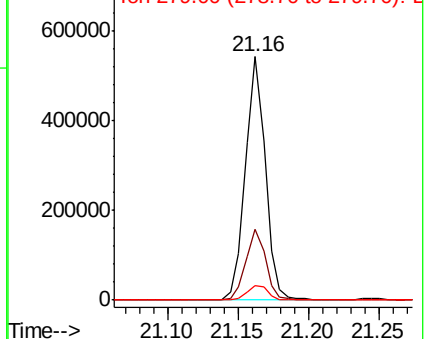


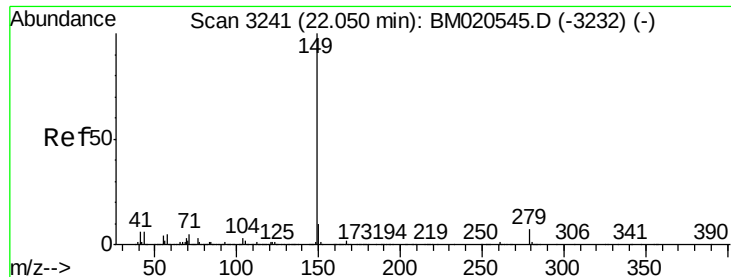
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.520 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

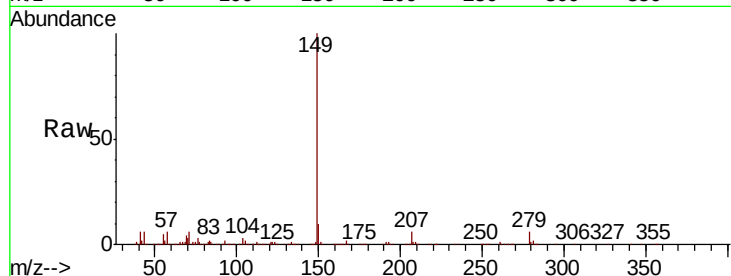
Tot Ion:149 Resp: 932123

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

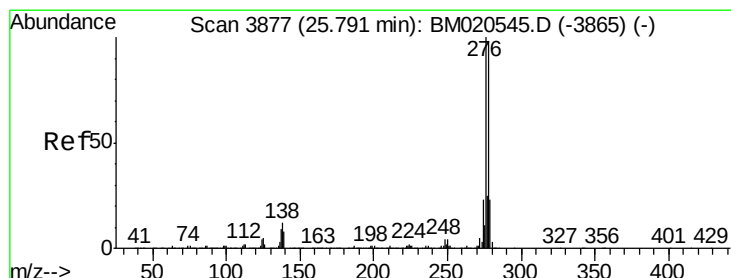
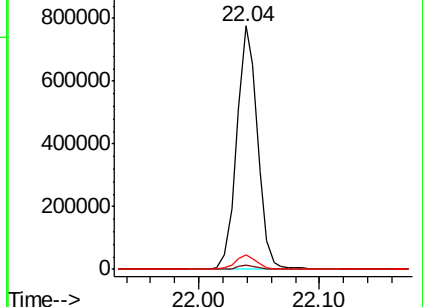
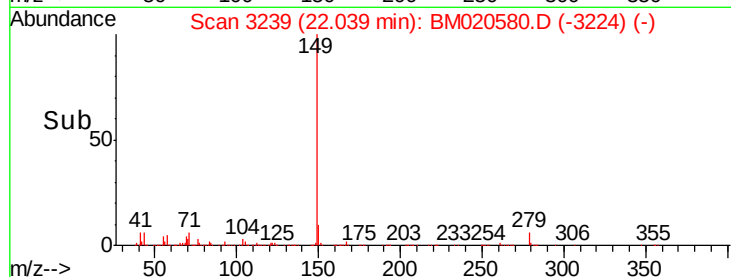
43 6.1 4.8 7.2



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: 42.603 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

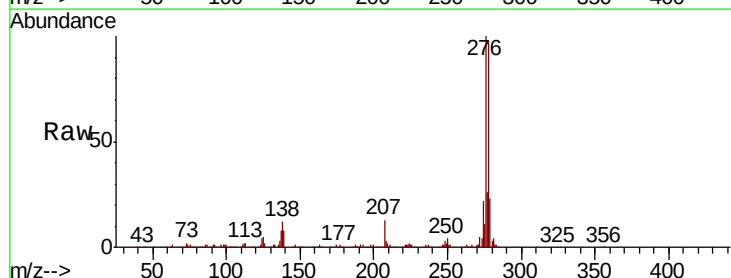
Tgt Ion:276 Resp: 1417884

Ion Ratio Lower Upper

276 100

138 11.8 9.7 14.5

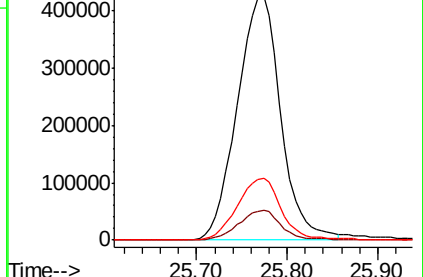
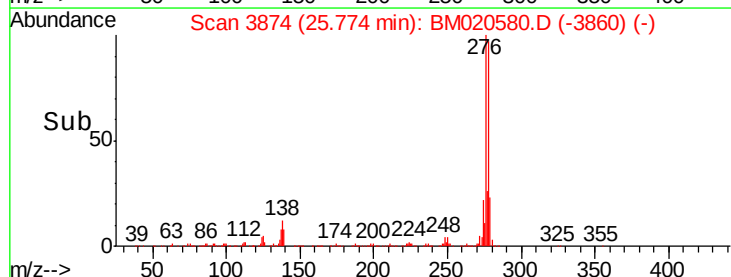
277 25.4 20.4 30.6

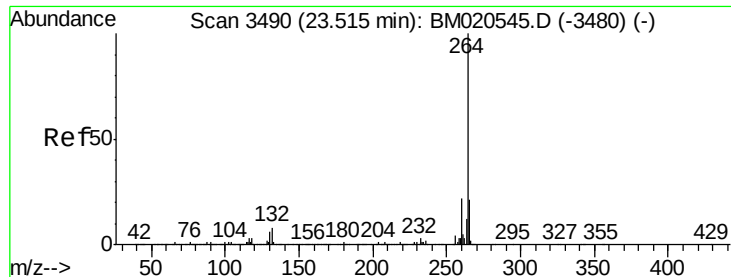


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



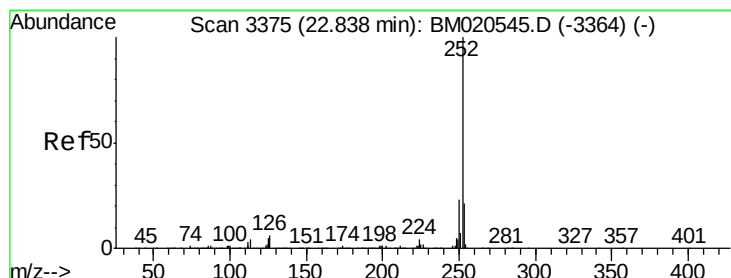
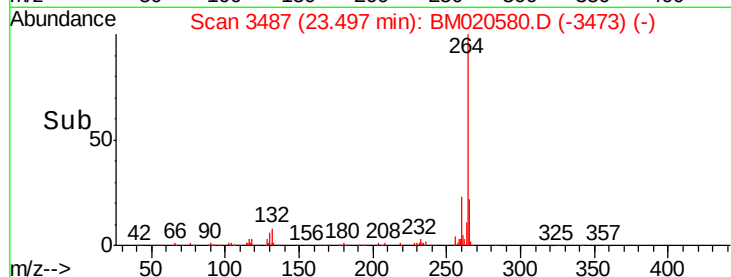
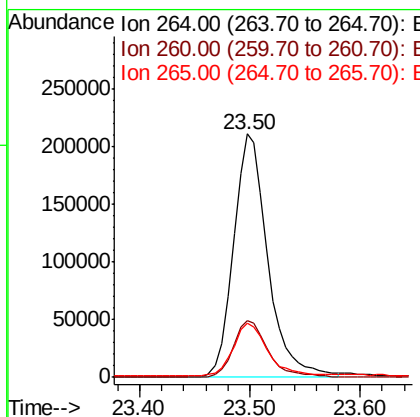
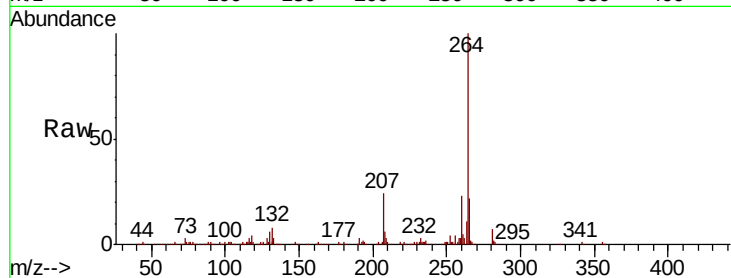


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 459100

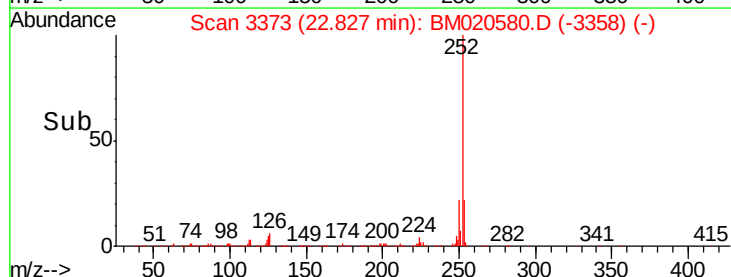
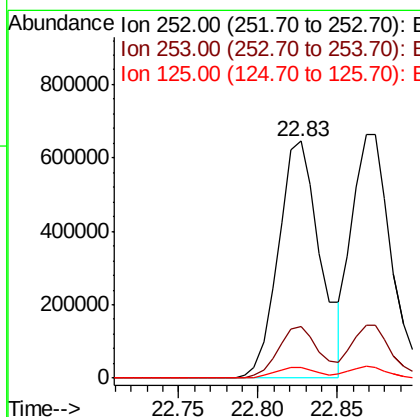
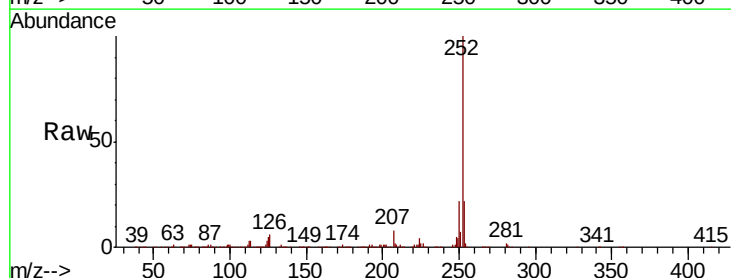
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.7	26.5
265	22.3	17.4	26.2

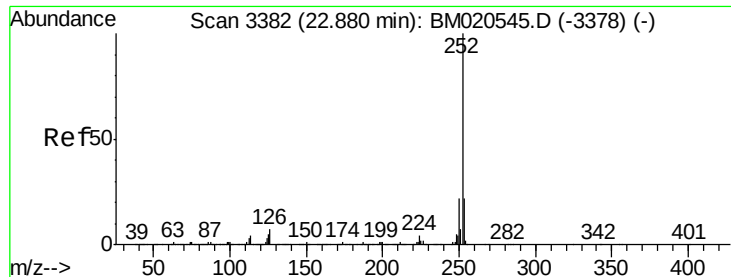


#88
Benzo(b)fluoranthene
Concen: 39.487 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:252 Resp: 1186543

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	4.7	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 38.975 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

Instrument :

BNA_M

ClientSampleId :

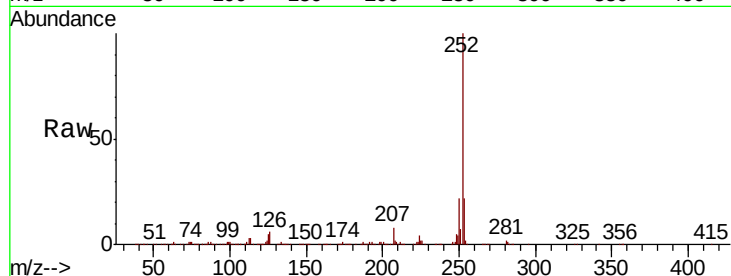
Tot Ion:252 Resp: 1136658

Ion Ratio Lower Upper

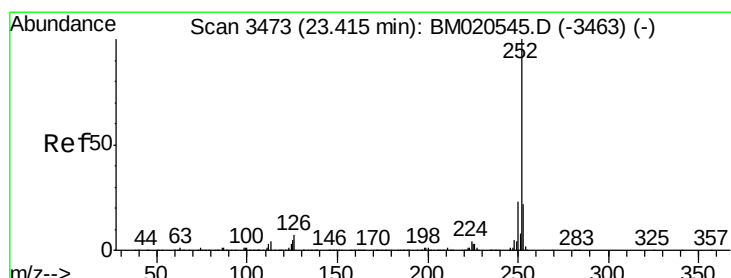
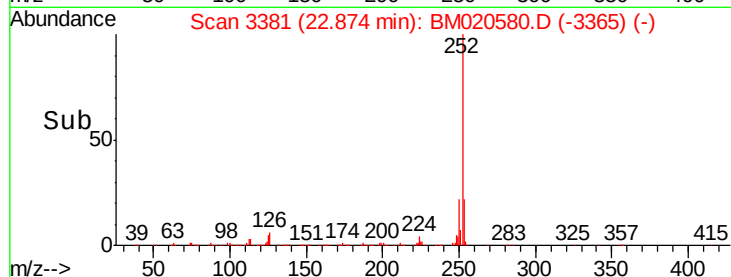
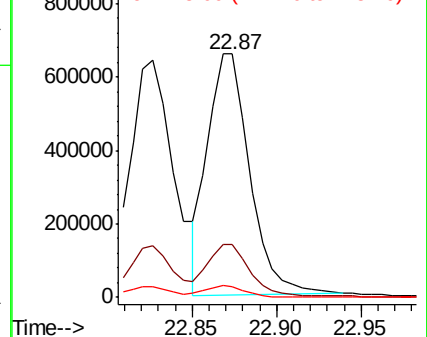
252 100

253 21.6 17.6 26.4

125 4.6 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: 39.675 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM020580.D

Acq: 28 May 2019 14:26

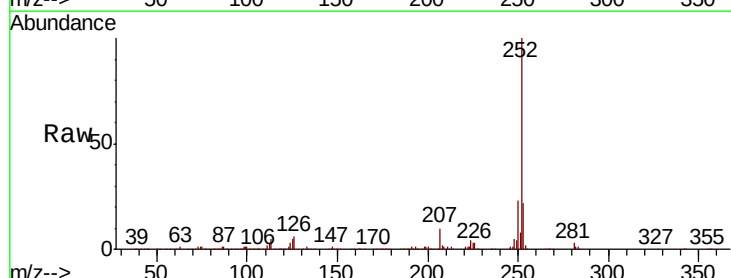
Tgt Ion:252 Resp: 1097081

Ion Ratio Lower Upper

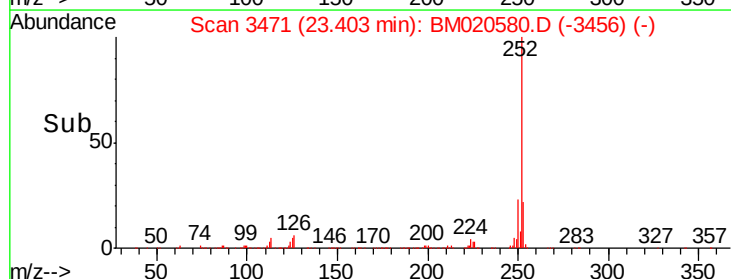
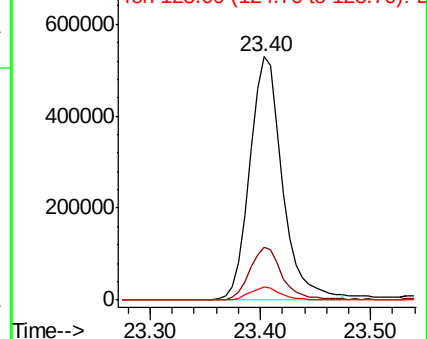
252 100

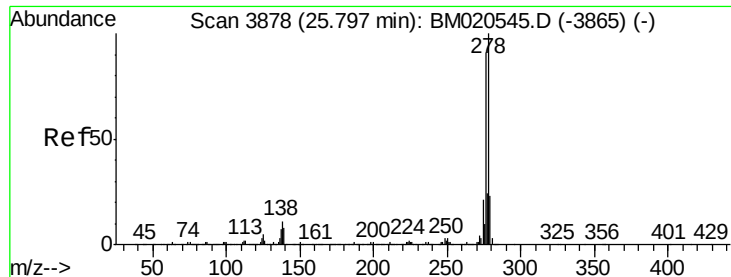
253 21.7 17.4 26.2

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



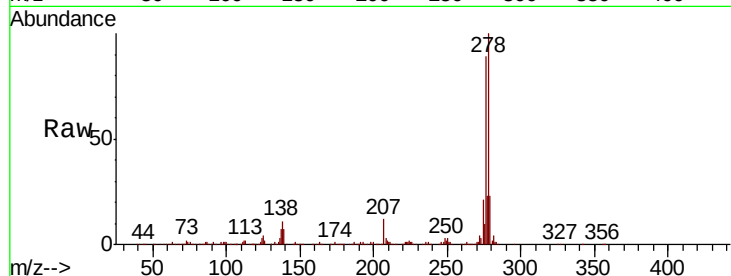


#91
Dibenzo(a,h)anthracene
Concen: 41.859 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

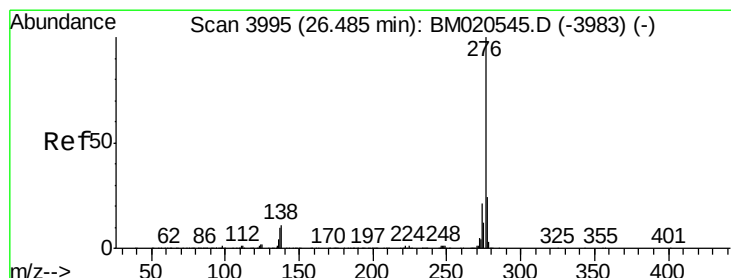
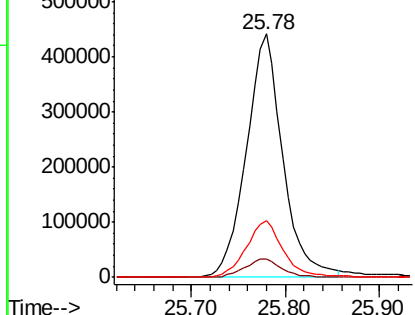
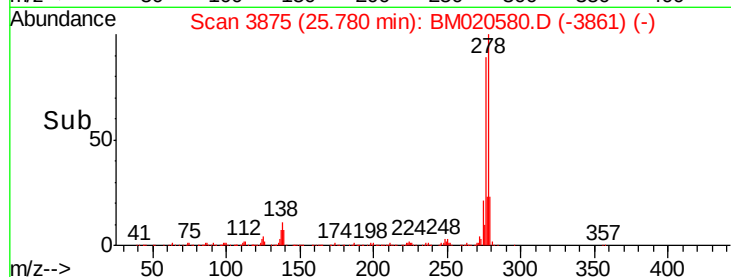
Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 1184802

Ion	Ratio	Lower	Upper
278	100		
139	7.4	6.3	9.5
279	23.2	18.3	27.5



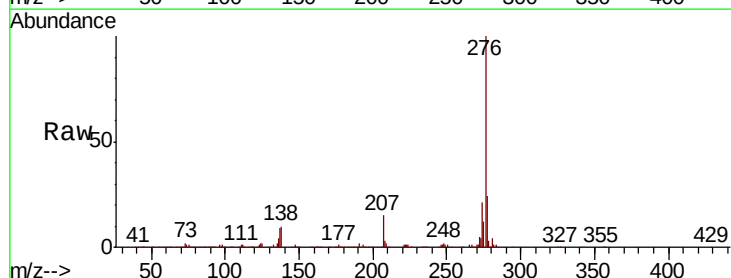
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.092 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.02 min
Lab File: BM020580.D
Acq: 28 May 2019 14:26

Tgt Ion:276 Resp: 1130666

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	9.7	8.6	12.8



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

