

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020601.D
 Acq On : 29 May 2019 16:09
 Operator : JU/SJ
 Sample : PB119867BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Quant Time: May 30 01:57:25 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	7.63	152	51270	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	170450	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	107432	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	243946	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	260430	20.00	ng	-0.04
87) Perylene-d12	23.47	264	283818	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	443579	169.73	ng	-0.04
7) Phenol-d6	6.80	99	567388	143.84	ng	-0.04
23) Nitrobenzene-d5	8.80	82	380266	93.64	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	293454	136.34	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	829922	96.94	ng	-0.04
79) Terphenyl-d14	19.68	244	1361284	94.49	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	84103	61.498	ng	98
3) Pyridine	3.53	79	149759	37.256	ng	99
4) n-Nitrosodimethylamine	3.46	42	37032	38.184	ng	# 88
6) Aniline	6.97	93	142285	24.936	ng	100
8) 2-Chlorophenol	7.19	128	141588	44.306	ng	99
9) Benzaldehyde	6.79	77	62020	24.628	ng	95
10) Phenol	6.83	94	180855	42.460	ng	100
11) bis(2-Chloroethyl)ether	7.07	93	118922	37.413	ng	99
12) 1,3-Dichlorobenzene	7.51	146	162064	39.600	ng	98
13) 1,4-Dichlorobenzene	7.66	146	158166	38.665	ng	98
14) 1,2-Dichlorobenzene	7.97	146	158731	38.705	ng	96
15) Benzyl Alcohol	7.88	79	111437	30.530	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	79873	36.053	ng	99
17) 2-Methylphenol	8.07	107	107736	38.312	ng	97
18) Hexachloroethane	8.68	117	65454	39.499	ng	92
19) n-Nitroso-di-n-propylamine	8.43	70	121266	34.622	ng	97
20) 3+4-Methylphenols	8.40	107	137747	36.526	ng	99
22) Acetophenone	8.46	105	205160	43.710	ng	98
24) Nitrobenzene	8.84	77	178799	44.582	ng	96
25) Isophorone	9.36	82	317553	42.025	ng	99
26) 2-Nitrophenol	9.55	139	61628	41.646	ng	98
27) 2,4-Dimethylphenol	9.60	122	104319	47.322	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	153799	39.100	ng	98
29) 2,4-Dichlorophenol	10.07	162	126504	43.147	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	178181	44.447	ng	97
31) Naphthalene	10.46	128	387694	44.051	ng	99
32) Benzoic acid	9.72	122	3510	11.938	ng	# 88
33) 4-Chloroaniline	10.60	127	56305	16.029	ng	98
34) Hexachlorobutadiene	10.72	225	138925	46.611	ng	99
35) Caprolactam	11.40	113	28912	29.962	ng	97
36) 4-Chloro-3-methylphenol	11.72	107	122930	38.529	ng	95
37) 2-Methylnaphthalene	12.09	142	276355	41.103	ng	96
38) 1-Methylnaphthalene	12.31	142	267447	41.054	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	229631	50.847	ng	99

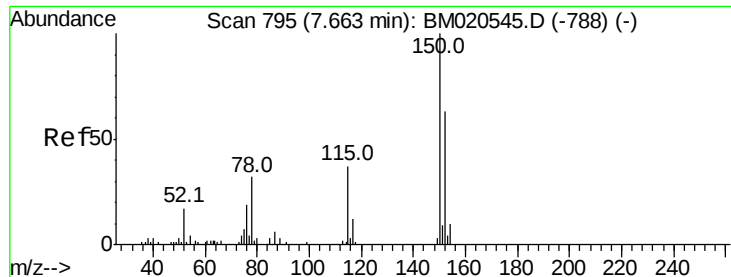
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	121402	57.452	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	125681	44.970	ng	97
44) 2,4,5-Trichlorophenol	12.79	196	124156	47.572	ng	98
46) 1,1'-Biphenyl	13.12	154	376723	45.530	ng	99
47) 2-Chloronaphthalene	13.16	162	308389	43.967	ng	98
48) 2-Nitroaniline	13.39	65	69821	33.603	ng	87
49) Acenaphthylene	14.01	152	461476	43.264	ng	100
50) Dimethylphthalate	13.75	163	390839	41.073	ng	100
51) 2,6-Dinitrotoluene	13.89	165	80213	40.444	ng	91
52) Acenaphthene	14.35	154	271528	42.242	ng	99
53) 3-Nitroaniline	14.23	138	32938	22.047	ng	90
54) 2,4-Dinitrophenol	14.45	184	43453	39.972	ng	97
55) Dibenzofuran	14.69	168	473917	42.606	ng	99
56) 4-Nitrophenol	14.55	139	70452	56.607	ng	96
57) 2,4-Dinitrotoluene	14.68	165	104580	36.515	ng	88
58) Fluorene	15.34	166	368490	39.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	130195	42.872	ng	99
60) Diethylphthalate	15.12	149	364264	38.853	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	241622	40.961	ng	99
62) 4-Nitroaniline	15.40	138	38590	23.147	ng	87
63) Azobenzene	15.63	77	370959	40.662	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	43554	30.799	ng	97
66) n-Nitrosodiphenylamine	15.56	169	313232	47.355	ng	98
67) 4-Bromophenyl-phenylether	16.23	248	147460	45.376	ng	96
68) Hexachlorobenzene	16.33	284	181475	46.057	ng	98
69) Atrazine	16.52	200	120946	44.442	ng	98
70) Pentachlorophenol	16.69	266	193574	95.111	ng	99
71) Phenanthrene	17.09	178	568434	42.893	ng	99
72) Anthracene	17.17	178	541332	42.121	ng	99
73) Carbazole	17.46	167	430217	39.006	ng	99
74) Di-n-butylphthalate	18.00	149	553367	40.786	ng	99
75) Fluoranthene	19.11	202	706736	38.349	ng	100
77) Benzidine	19.32	184	225221	47.058	ng	99
78) Pyrene	19.47	202	718825	43.965	ng	100
80) Butylbenzylphthalate	20.37	149	226434	39.416	ng	98
81) Benzo(a)anthracene	21.23	228	723418	40.135	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	238796	36.297	ng	100
83) Chrysene	21.28	228	754880	43.342	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	327134	39.071	ng	98
85) Di-n-octyl phthalate	22.02	149	579598	39.819	ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	1047314	49.733	ng	99
88) Benzo(b)fluoranthene	22.80	252	871910	46.937	ng	100
89) Benzo(k)fluoranthene	22.84	252	838154	46.489	ng	98
90) Benzo(a)pyrene	23.37	252	839764	49.126	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	935507	53.463	ng	98
92) Benzo(g,h,i)perylene	26.41	276	884265	54.515	ng	99

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

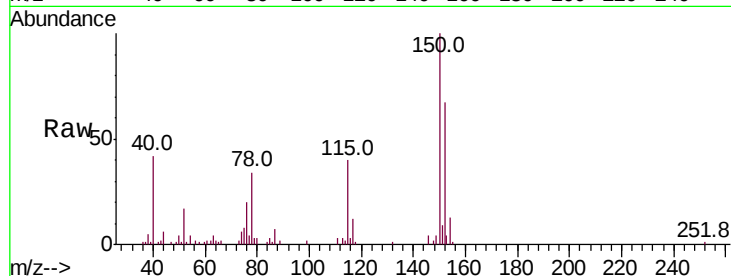


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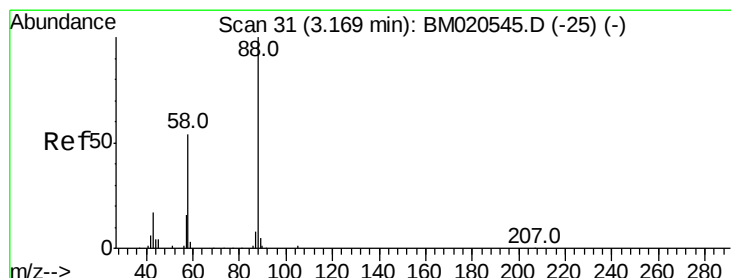
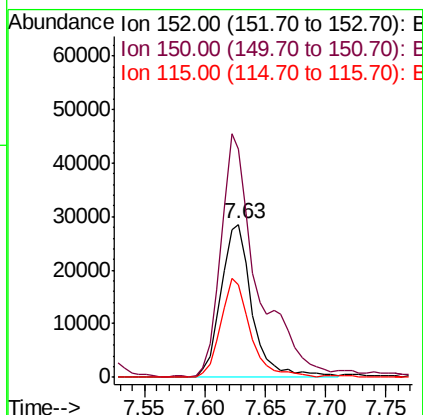
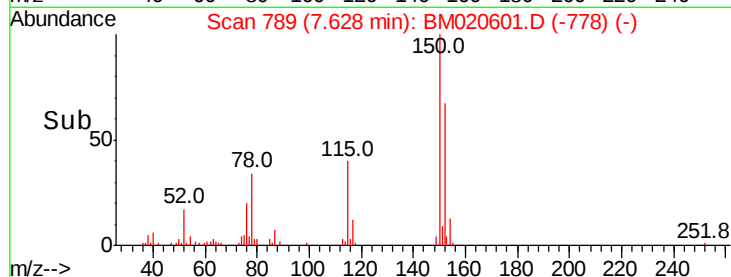
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:152 Resp: 51270
Ion Ratio Lower Upper
152 100
150 149.1 126.6 190.0
115 60.4 46.6 70.0



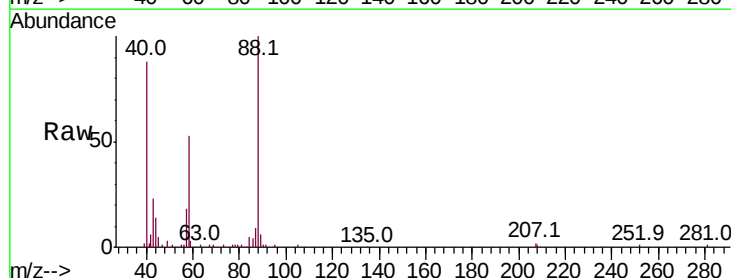
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



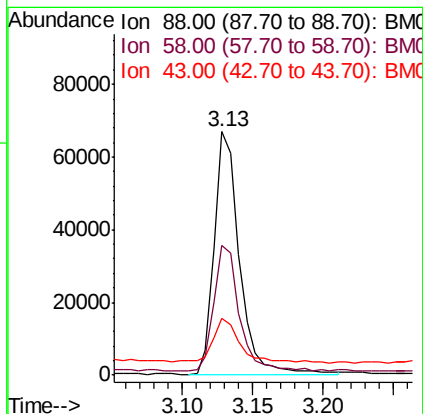
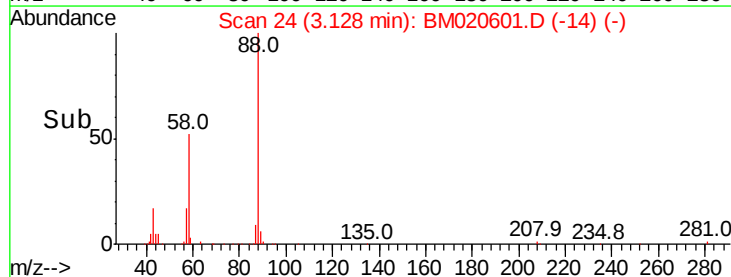
#2

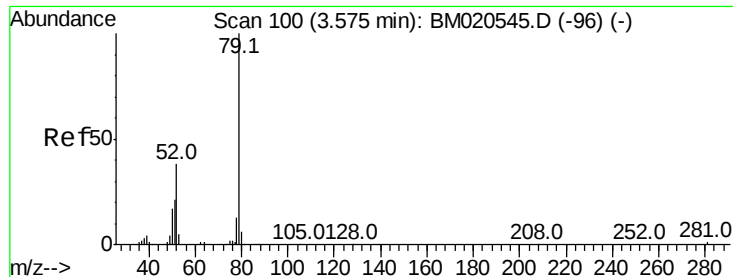
1,4-Dioxane
Concen: 61.498 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion: 88 Resp: 84103
Ion Ratio Lower Upper
88 100
58 52.0 42.3 63.5
43 19.0 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: 37.256 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

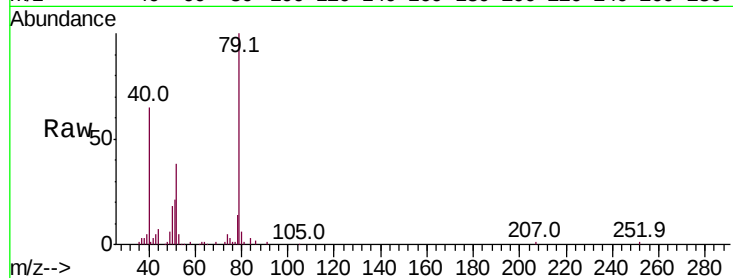
Tot Ion: 79 Resp: 149759

Ion Ratio Lower Upper

79 100

52 37.8 30.1 45.1

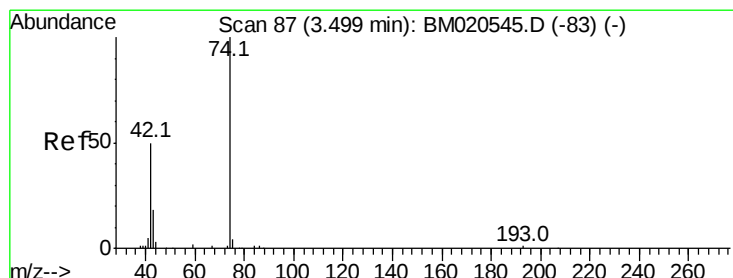
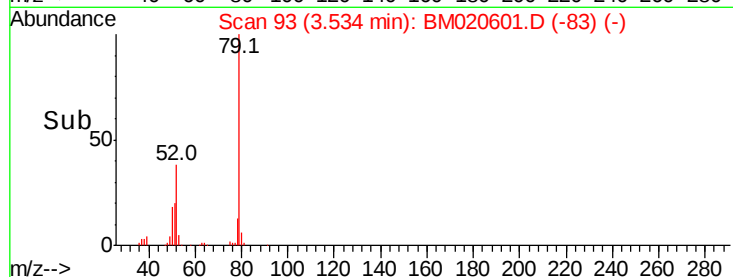
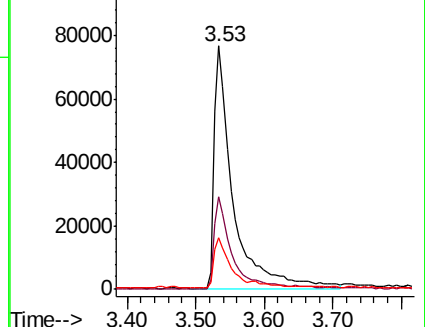
51 21.2 17.8 26.8



Abundance Ion 79.00 (78.70 to 79.70): BM020601.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020601.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020601.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 38.184 ng

RT: 3.46 min Scan# 80

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

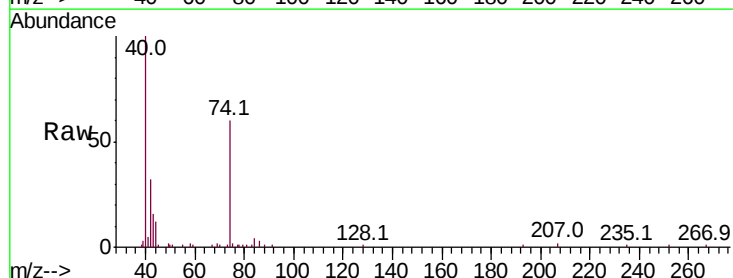
Tgt Ion: 42 Resp: 37032

Ion Ratio Lower Upper

42 100

74 185.5 161.1 241.7

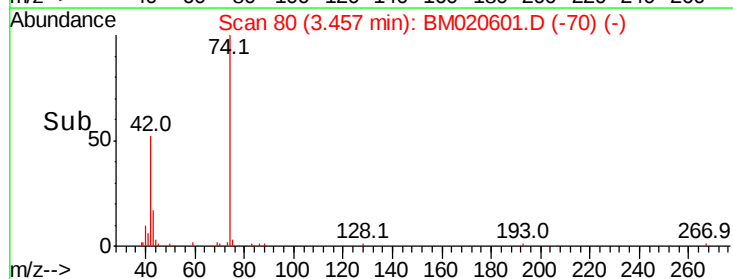
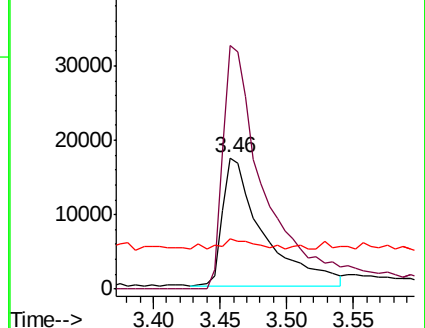
44 38.5 20.9 31.3#

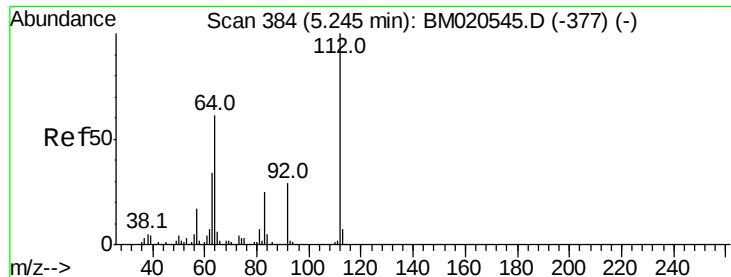


Abundance Ion 42.00 (41.70 to 42.70): BM020601.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM020601.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM020601.D (-70) (-)





#5

2-Fluorophenol

Concen: 169.733 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

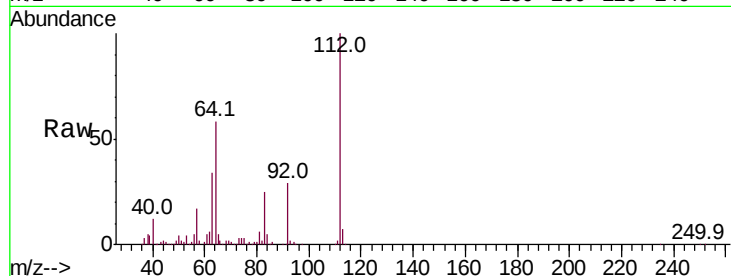
Tot Ion:112 Resp: 443579

Ion Ratio Lower Upper

112 100

64 58.3 48.6 73.0

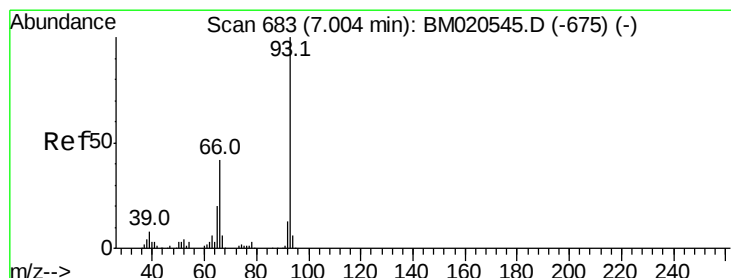
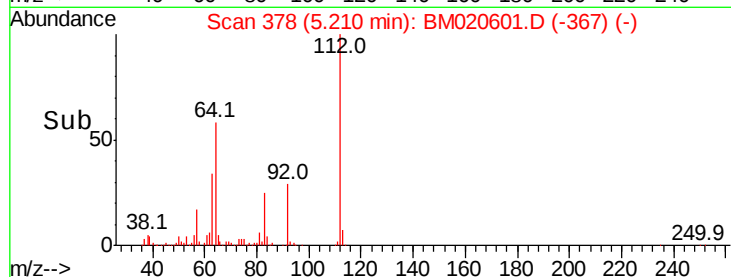
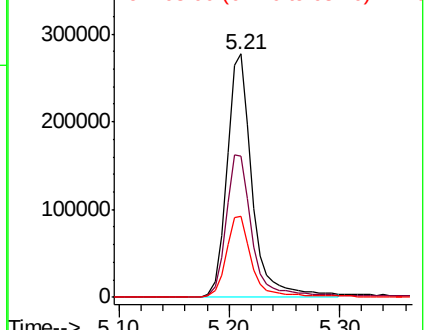
63 33.5 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 24.936 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

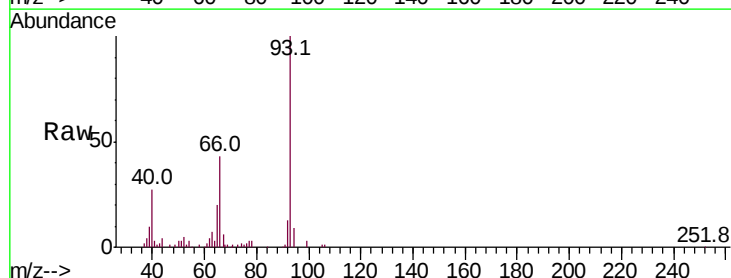
Tgt Ion: 93 Resp: 142285

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

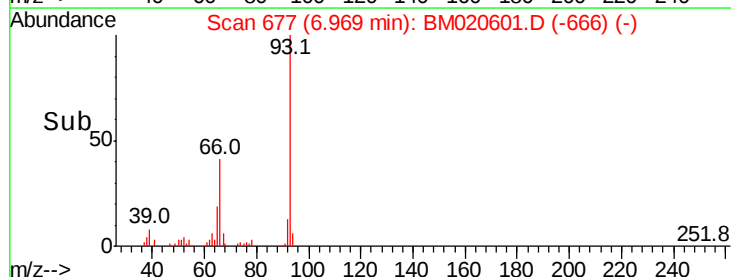
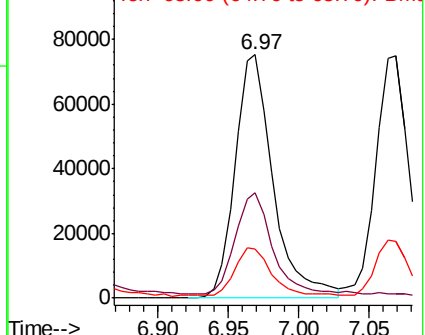
65 20.1 16.2 24.2

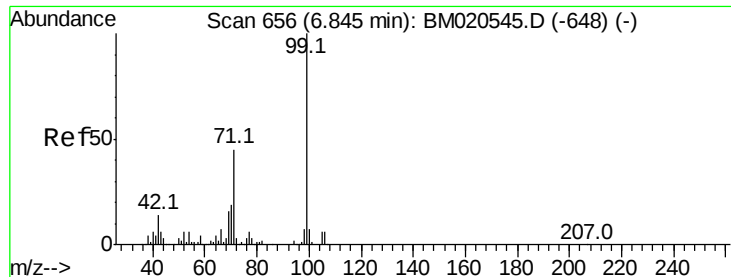


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 143.842 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

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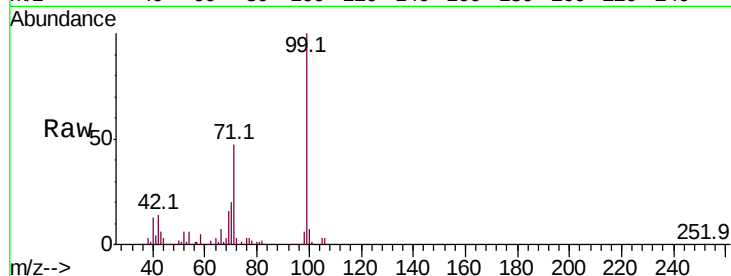
Tot Ion: 99 Resp: 567388

Ion Ratio Lower Upper

99 100

42 13.9 10.8 16.2

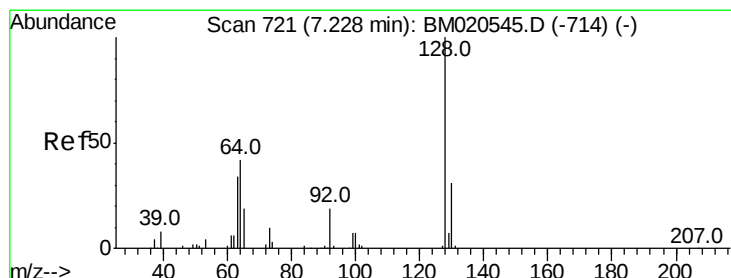
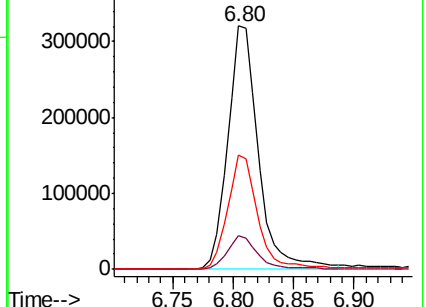
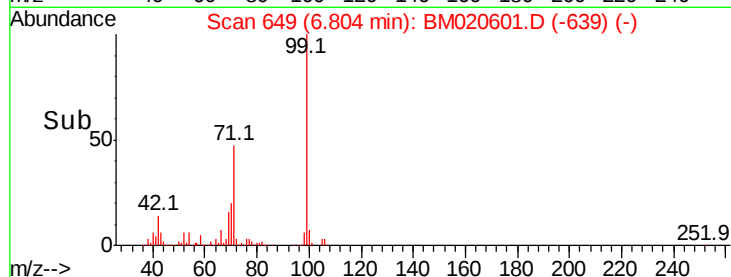
71 46.9 36.3 54.5



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: 44.306 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

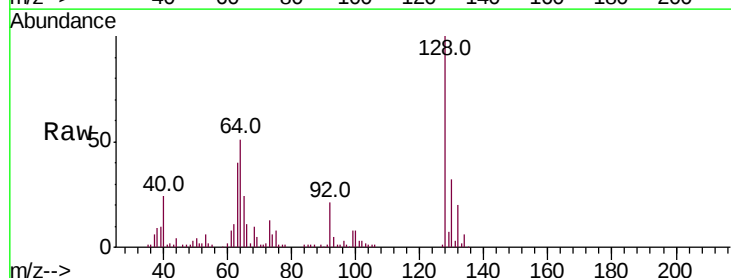
Tgt Ion: 128 Resp: 141588

Ion Ratio Lower Upper

128 100

130 31.8 11.2 51.2

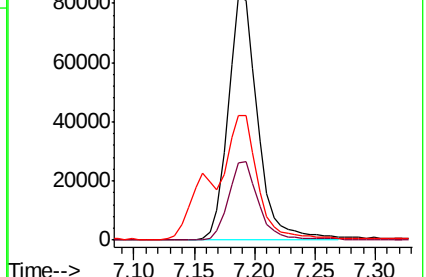
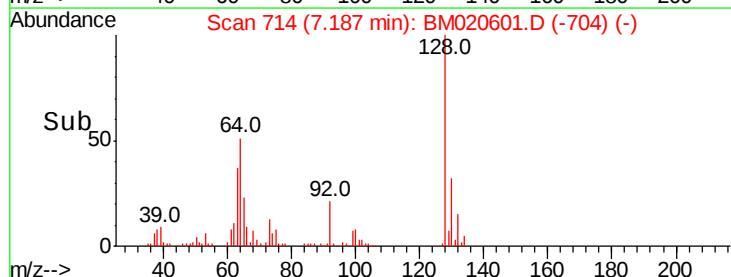
64 51.4 31.1 71.1

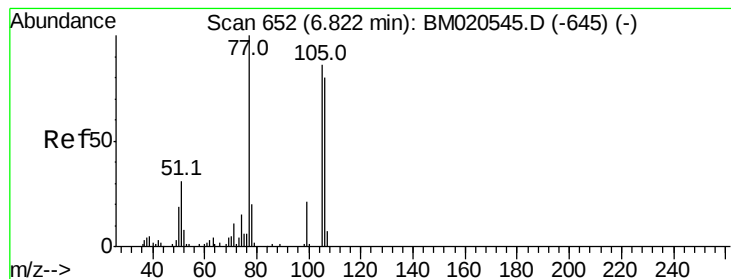


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

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: 24.628 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

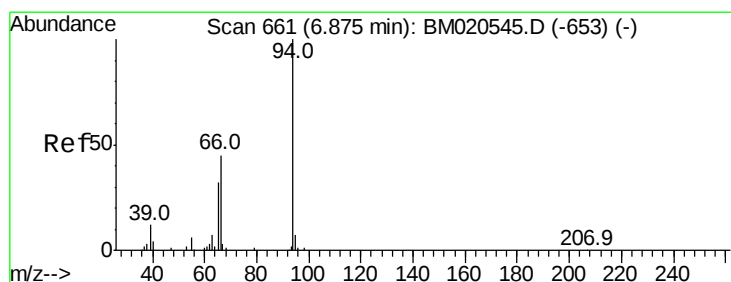
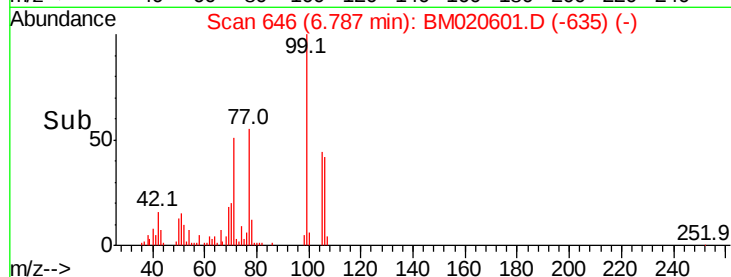
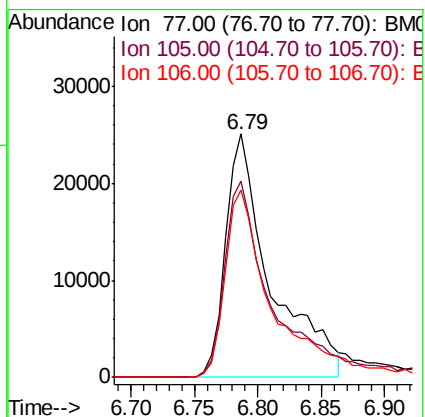
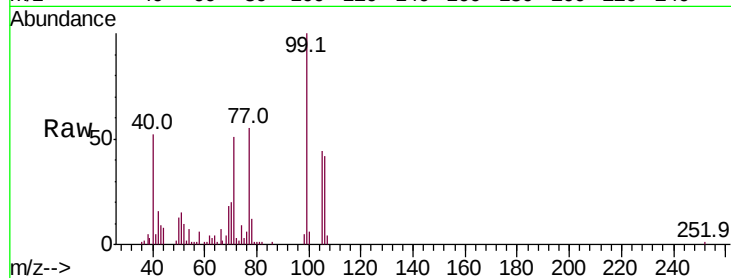
Tot Ion: 77 Resp: 62020

Ion Ratio Lower Upper

77 100

105 80.8 66.1 106.1

106 77.0 60.0 100.0



#10

Phenol

Concen: 42.460 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

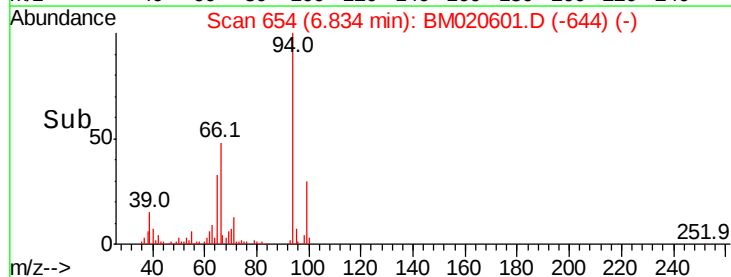
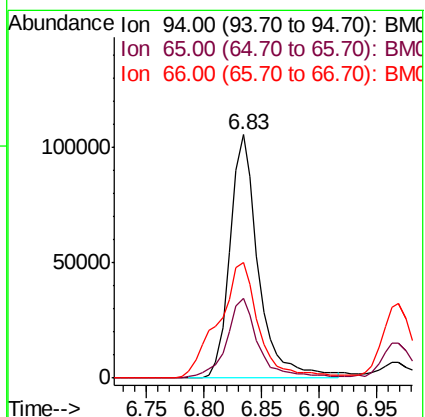
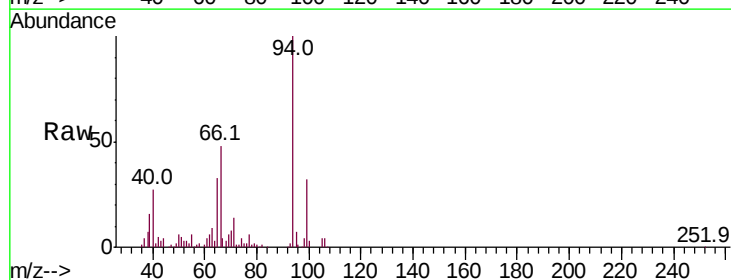
Tgt Ion: 94 Resp: 180855

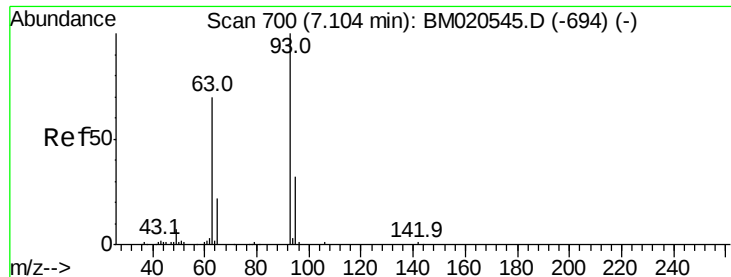
Ion Ratio Lower Upper

94 100

65 32.5 12.4 52.4

66 47.7 27.4 67.4





#11

bis(2-Chloroethyl)ether

Concen: 37.413 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

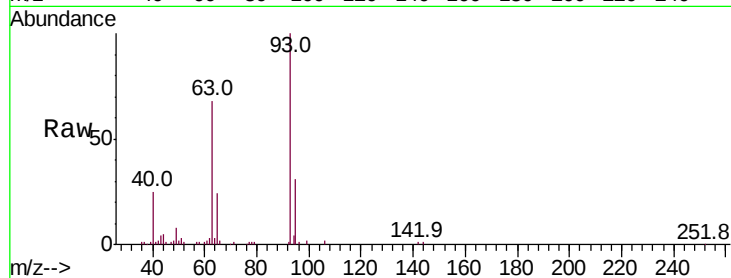
Tot Ion: 93 Resp: 118922

Ion Ratio Lower Upper

93 100

63 68.1 47.6 87.6

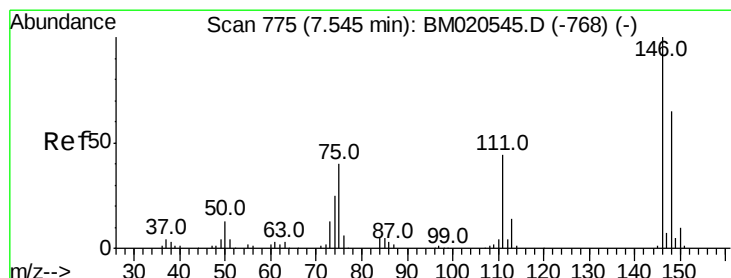
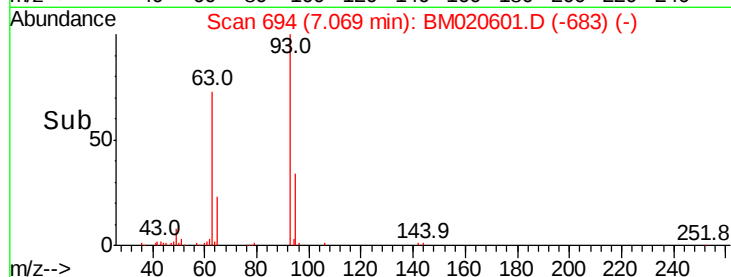
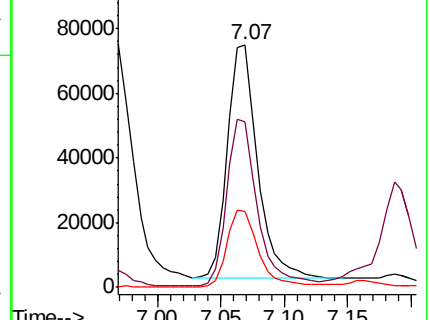
95 31.3 10.9 50.9



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

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

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



#12

1,3-Dichlorobenzene

Concen: 39.600 ng

RT: 7.51 min Scan# 769

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

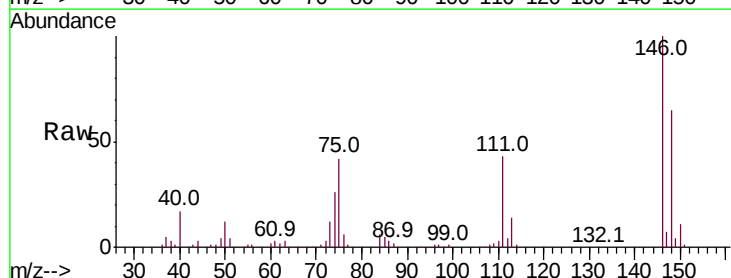
Tgt Ion: 146 Resp: 162064

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

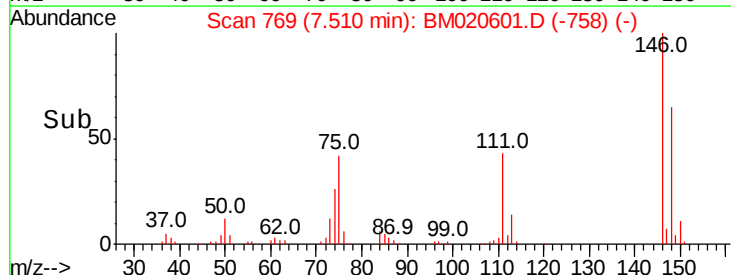
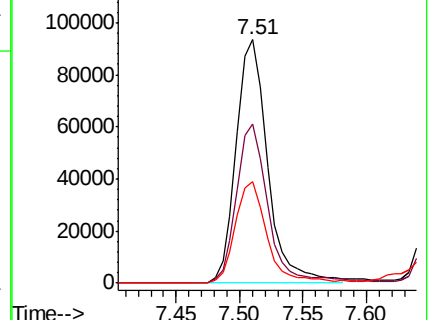
75 41.6 31.6 47.4

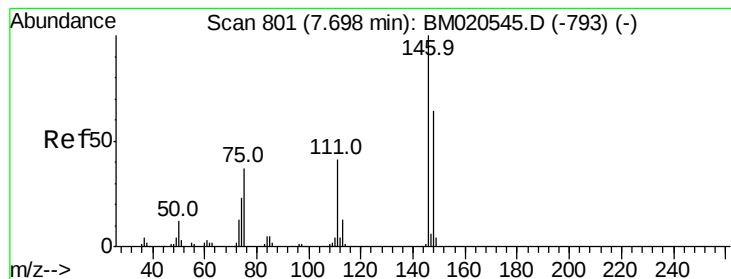


Abundance Ion 146.00 (145.70 to 146.70): BM020545.D (-768) (-)

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: 38.665 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

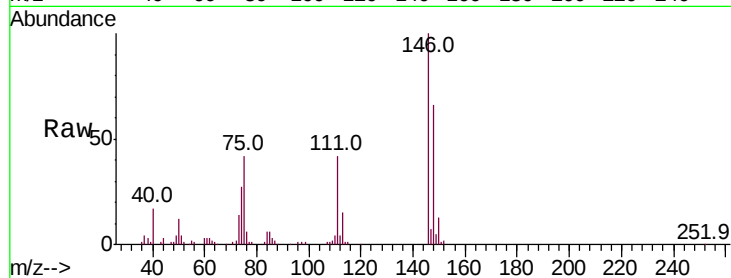
Tot Ion:146 Resp: 158166

Ion Ratio Lower Upper

146 100

148 66.1 51.1 76.7

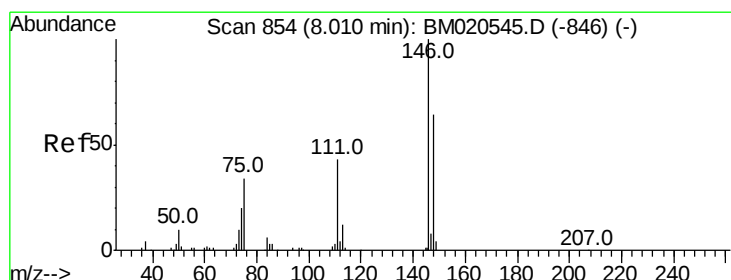
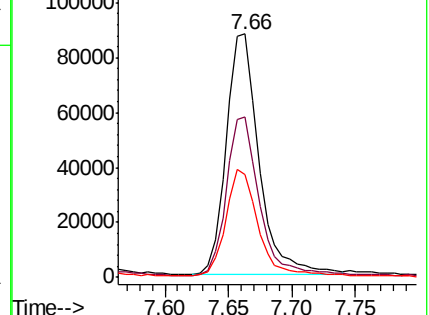
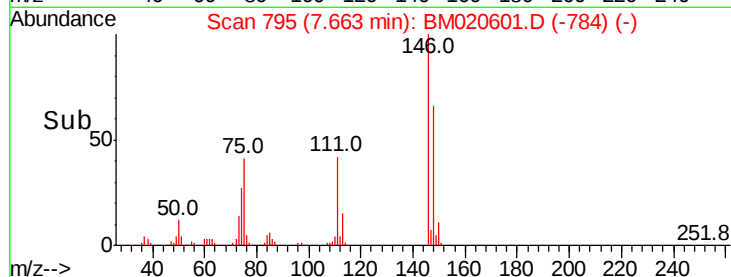
111 42.4 33.5 50.3



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: 38.705 ng

RT: 7.97 min Scan# 847

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

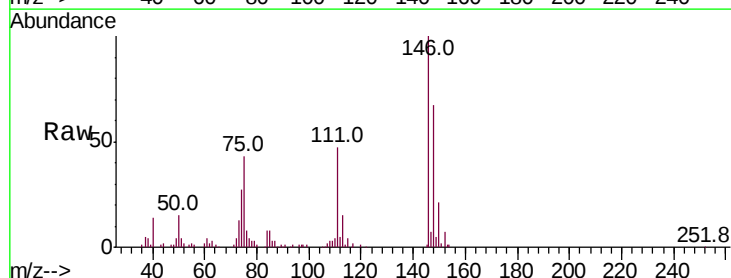
Tgt Ion:146 Resp: 158731

Ion Ratio Lower Upper

146 100

148 67.3 51.2 76.8

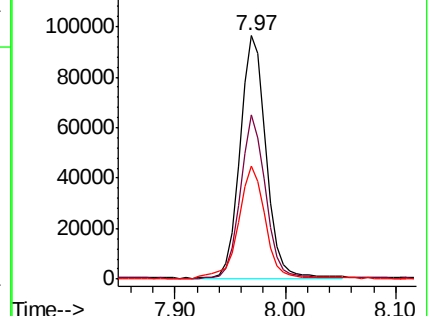
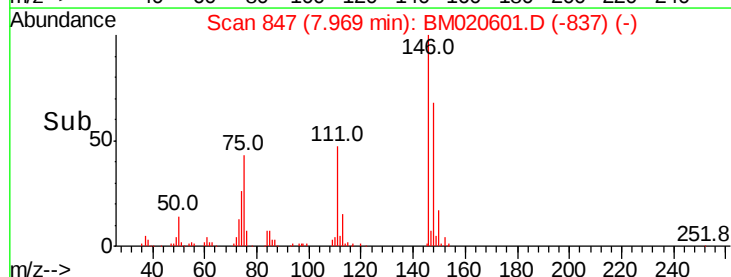
111 46.5 35.2 52.8

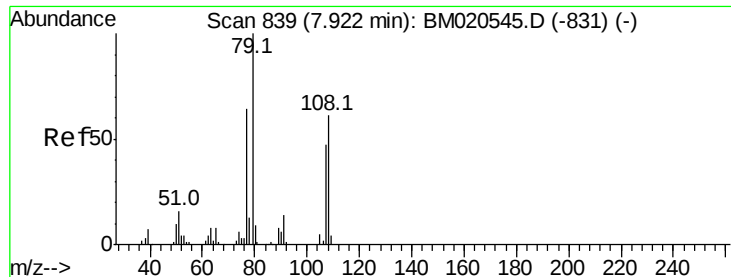


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.530 ng

RT: 7.88 min Scan# 832

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

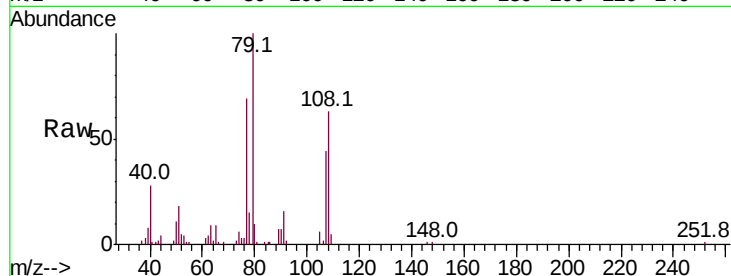
Tot Ion: 79 Resp: 111437

Ion Ratio Lower Upper

79 100

108 62.9 48.5 72.7

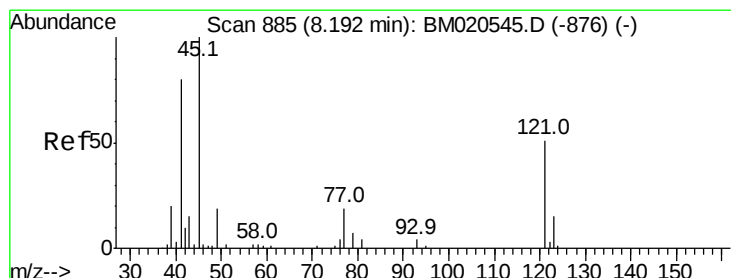
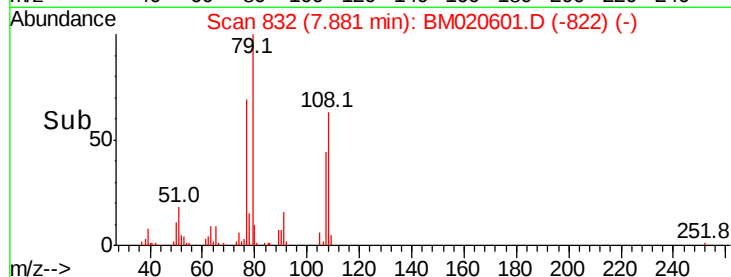
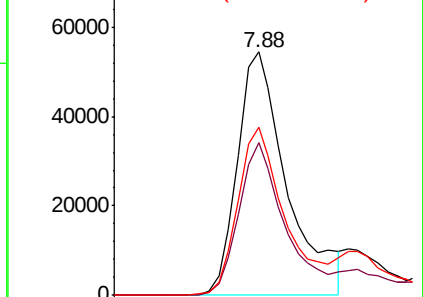
77 69.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020601.D (-832) (-)

Ion 108.00 (107.70 to 108.70): BM020601.D (-832) (-)

Ion 77.00 (76.70 to 77.70): BM020601.D (-832) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.053 ng

RT: 8.16 min Scan# 879

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

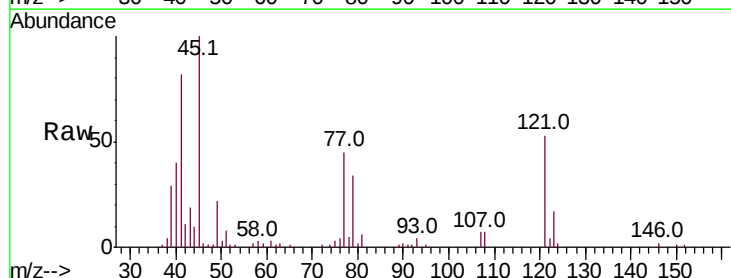
Tgt Ion: 45 Resp: 79873

Ion Ratio Lower Upper

45 100

77 45.3 25.0 65.0

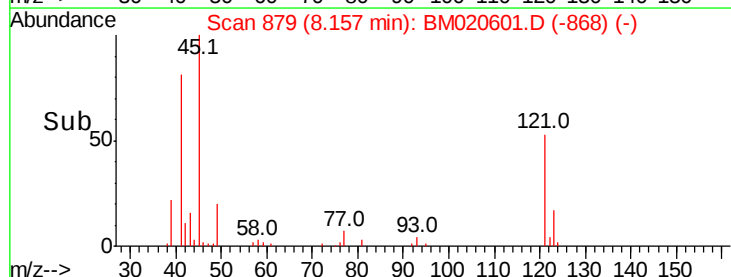
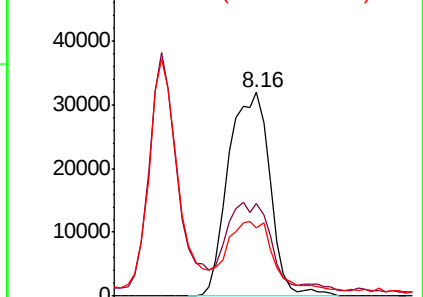
79 33.6 13.1 53.1

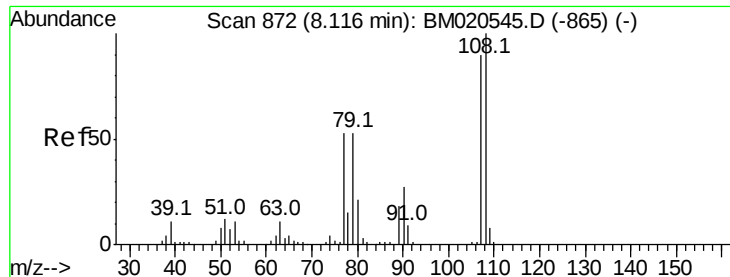


Abundance Ion 45.00 (44.70 to 45.70): BM020601.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BM020601.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BM020601.D (-868) (-)





#17

2-Methylphenol

Concen: 38.312 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleID :

PB119867BS

Tot Ion:107 Resp: 107736

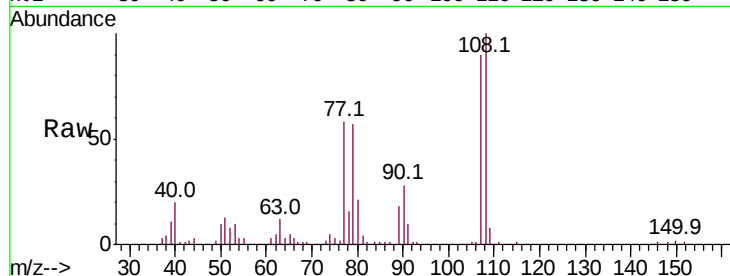
Ion Ratio Lower Upper

107 100

108 110.9 89.4 134.2

77 64.7 48.2 72.4

79 63.1 48.4 72.6

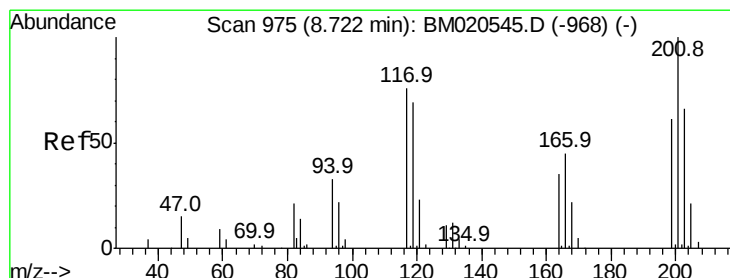
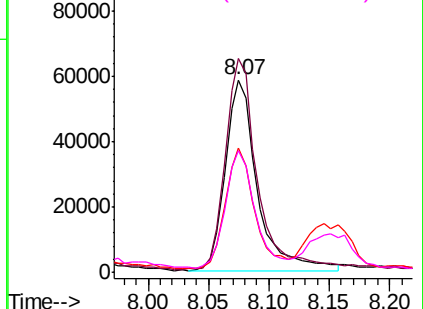
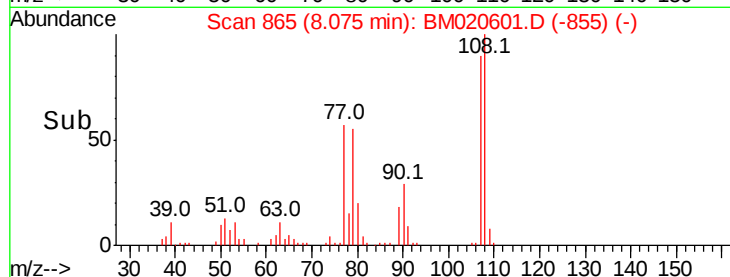


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.499 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

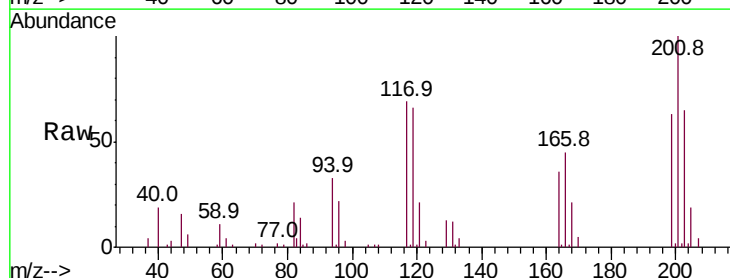
Tgt Ion:117 Resp: 65454

Ion Ratio Lower Upper

117 100

119 96.1 73.2 109.8

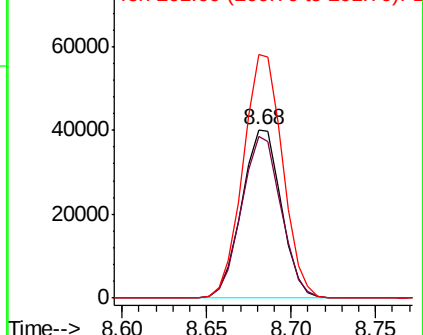
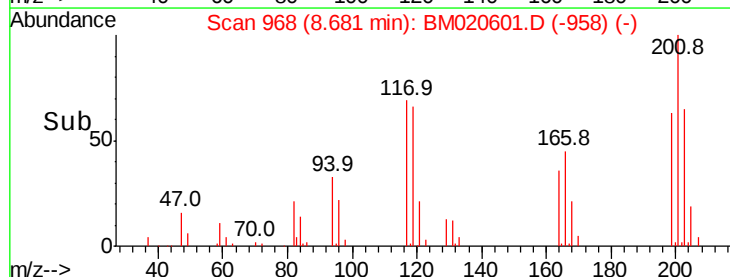
201 144.7 105.8 158.8

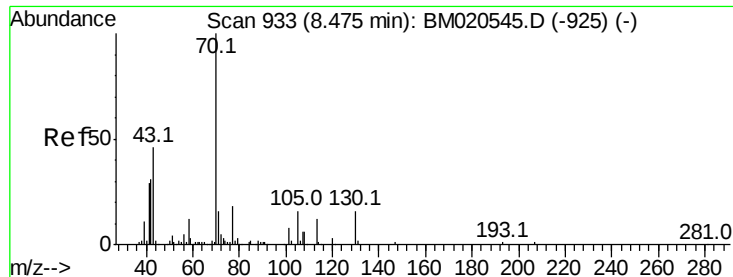


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.622 ng

RT: 8.43 min Scan# 926

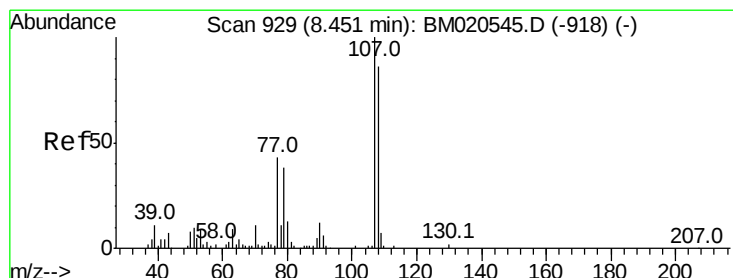
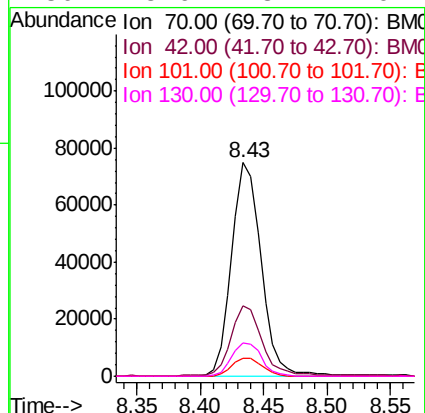
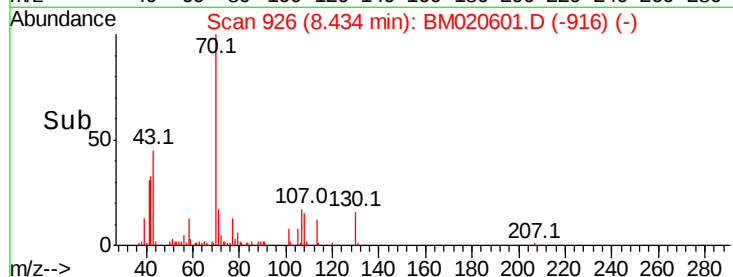
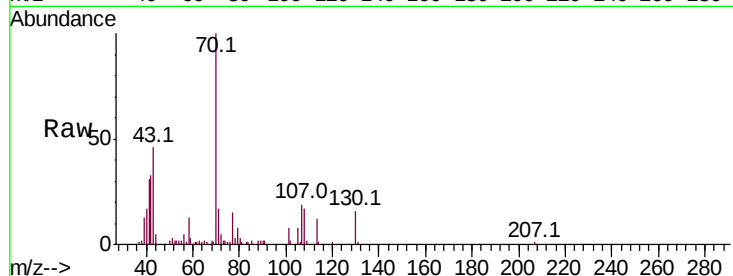
Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	70	Resp:	121266
Ion	Ratio	Lower	Upper
70	100		
42	33.2	24.7	37.1
101	8.2	6.8	10.2
130	15.6	13.1	19.7



#20

3+4-Methylphenols

Concen: 36.526 ng

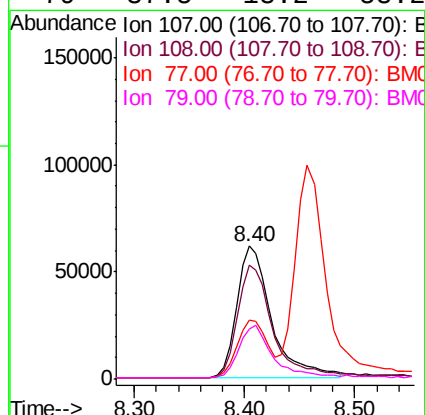
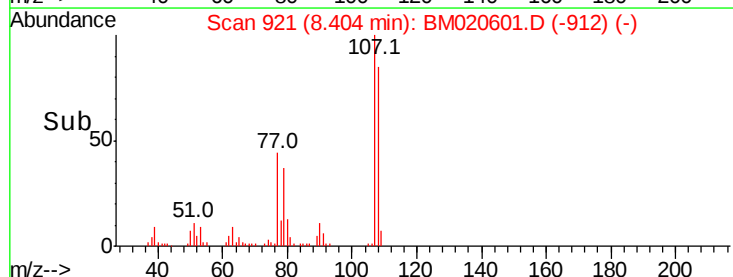
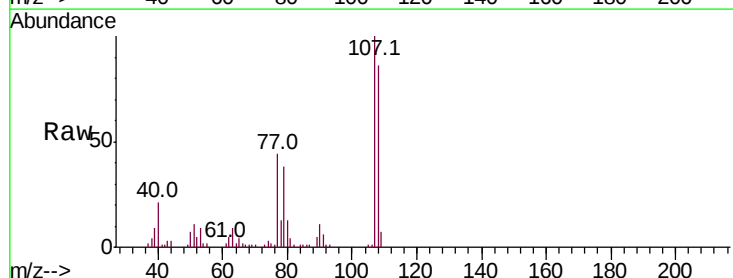
RT: 8.40 min Scan# 921

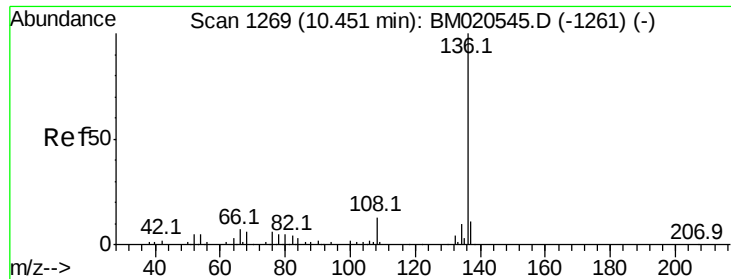
Delta R.T. -0.05 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	107	Resp:	137747
Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.5	106.5
77	44.3	23.0	63.0
79	37.5	18.2	58.2

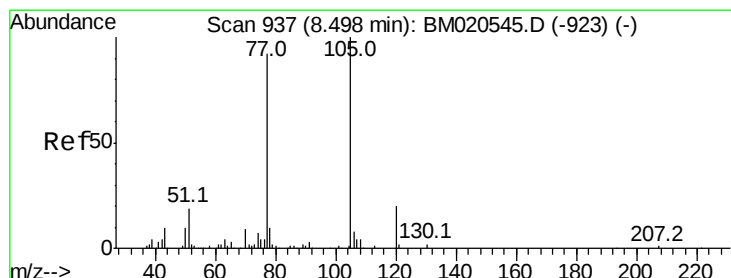
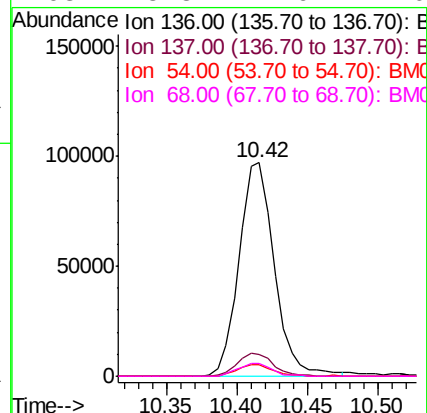
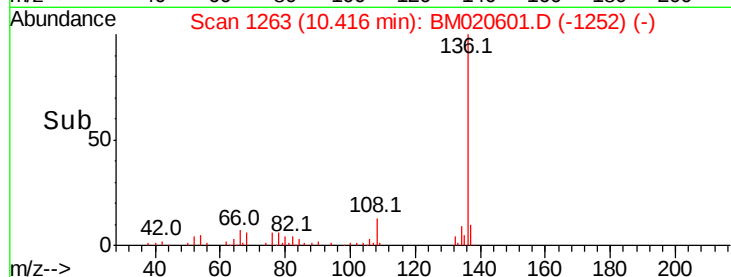
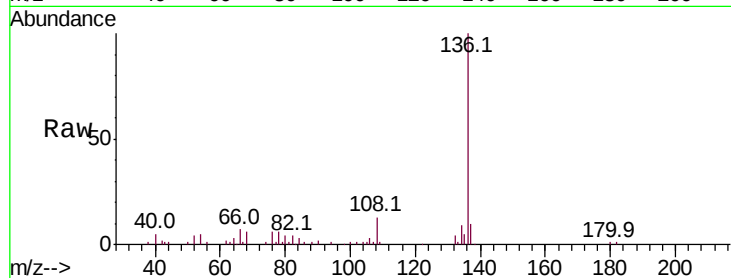




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

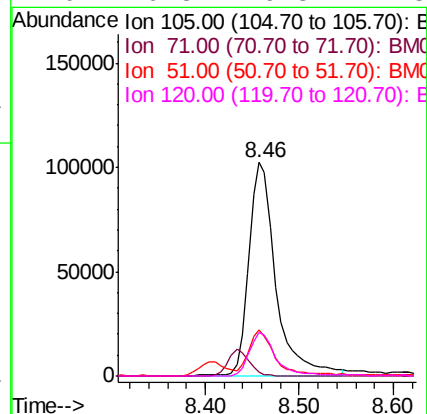
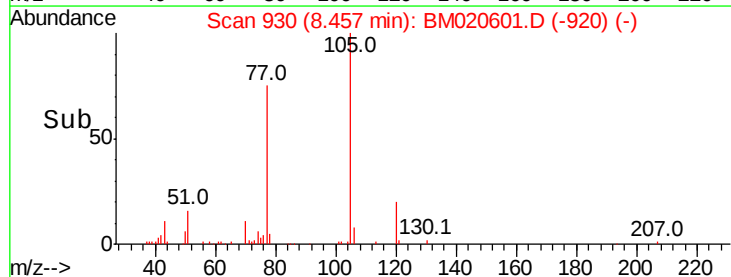
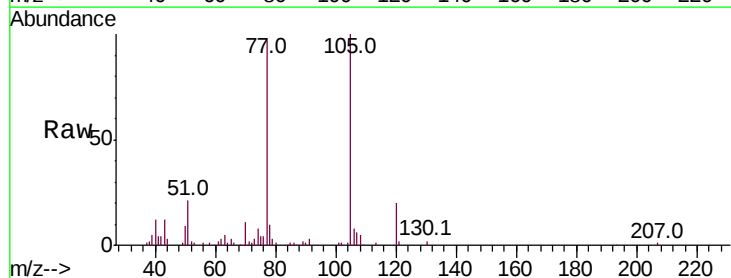
Instrument :
BNA_M
ClientSampleId :
PB119867BS

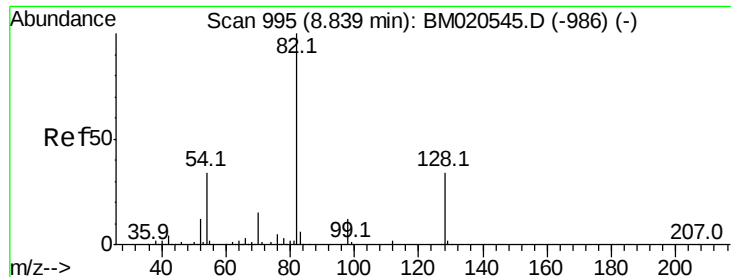
Tot Ion:136	Resp:	170450
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.4 12.6
54	5.4	4.2 6.4
68	5.8	4.6 7.0



#22
Acetophenone
Concen: 43.710 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:105	Resp:	205160
Ion	Ratio	Lower Upper
105	100	
71	1.9	1.3 1.9
51	21.5	15.7 23.5
120	20.3	16.3 24.5

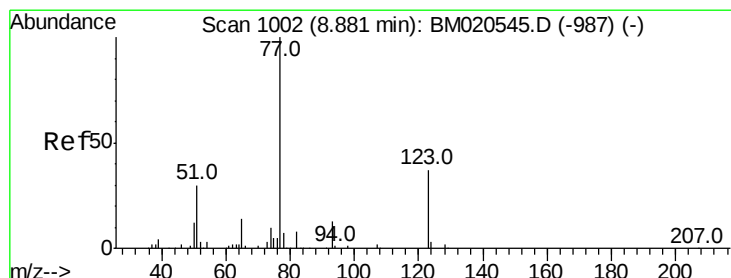
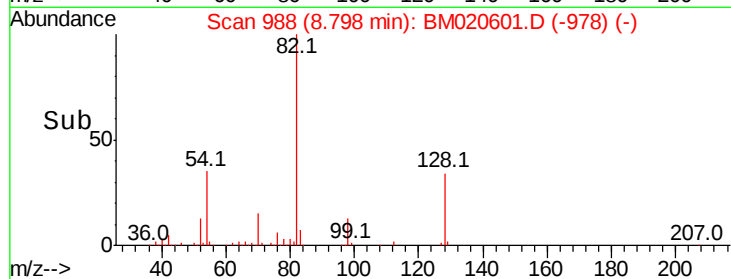
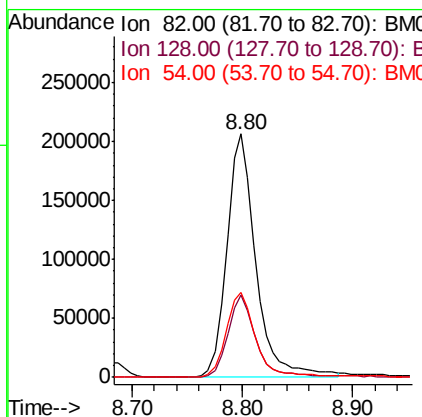
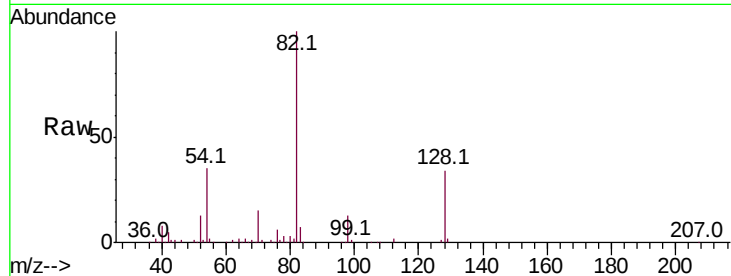




#23
 Nitrobenzene-d5
 Concen: 93.640 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

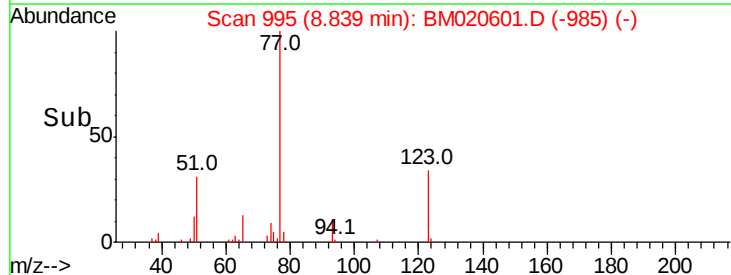
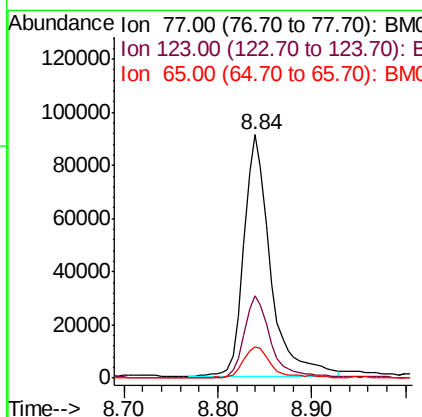
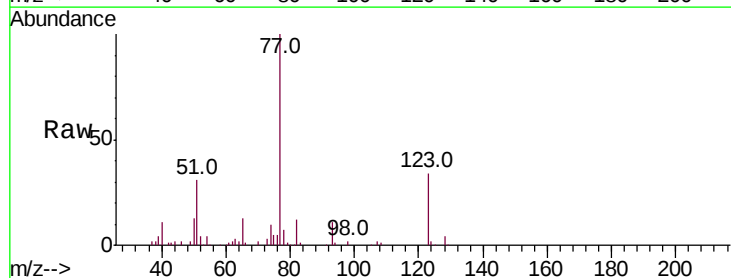
Instrument :
 BNA_M
 ClientSampled :
 PB119867BS

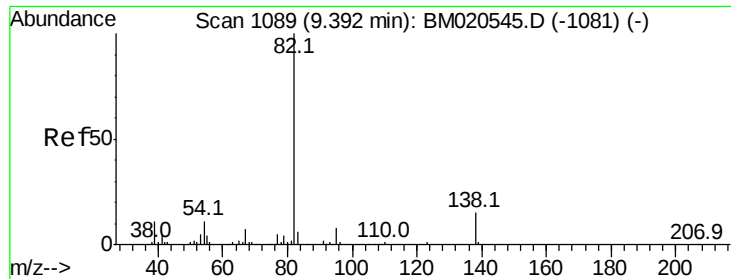
Tot Ion	82	Resp	380266
Ion Ratio	Lower	Upper	
82	100		
128	33.8	27.0	40.4
54	35.1	27.4	41.2



#24
 Nitrobenzene
 Concen: 44.582 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	77	Resp	178799
Ion Ratio	Lower	Upper	
77	100		
123	33.9	29.4	44.2
65	12.7	10.8	16.2





#25

Isophorone

Concen: 42.025 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

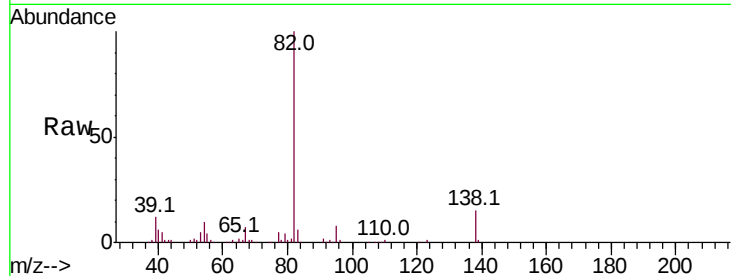
Tot Ion: 82 Resp: 317553

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

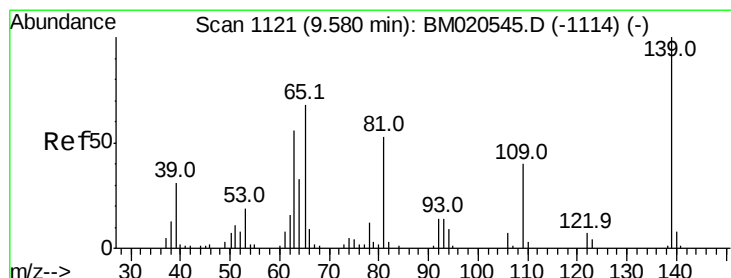
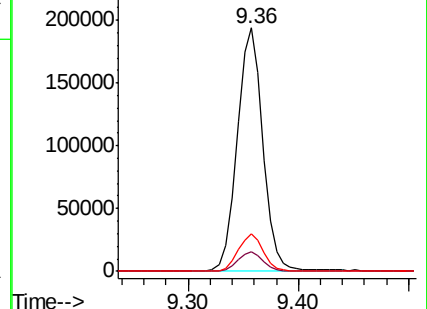
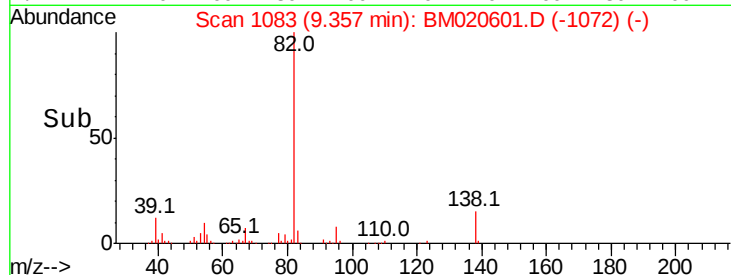
138 15.2 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM020601.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BM020601.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BM020601.D (-1083) (-)



#26

2-Nitrophenol

Concen: 41.646 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

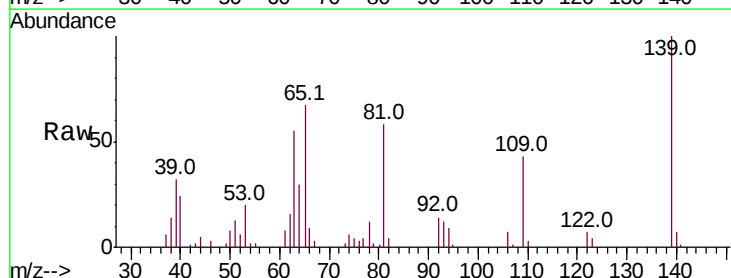
Tgt Ion: 139 Resp: 61628

Ion Ratio Lower Upper

139 100

109 42.6 32.3 48.5

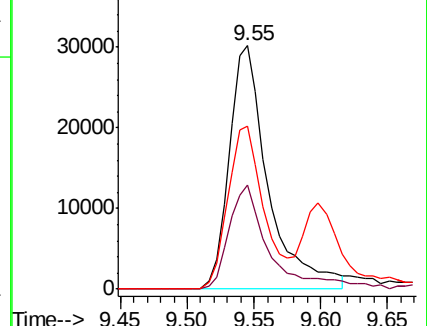
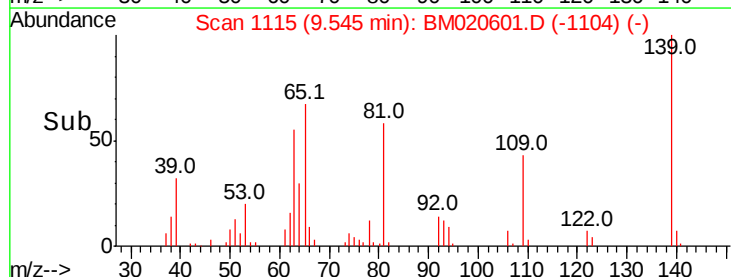
65 66.7 54.4 81.6

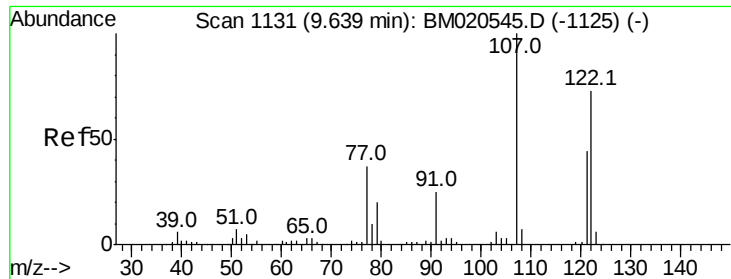


Abundance Ion 139.00 (138.70 to 139.70): BM020601.D (-1115) (-)

Ion 109.00 (108.70 to 109.70): BM020601.D (-1115) (-)

Ion 65.00 (64.70 to 65.70): BM020601.D (-1115) (-)

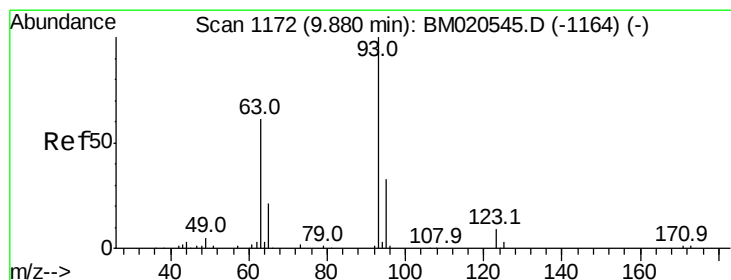
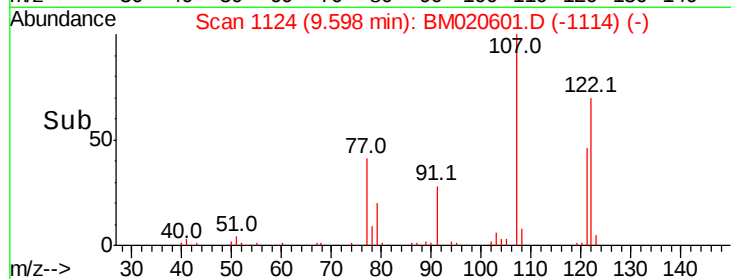
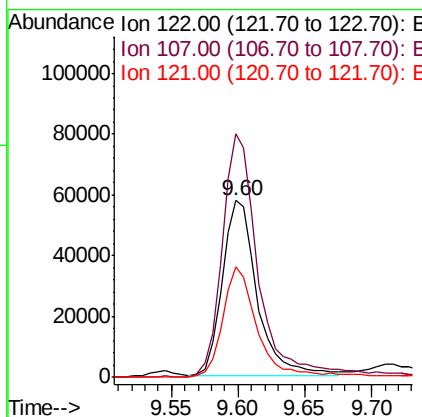
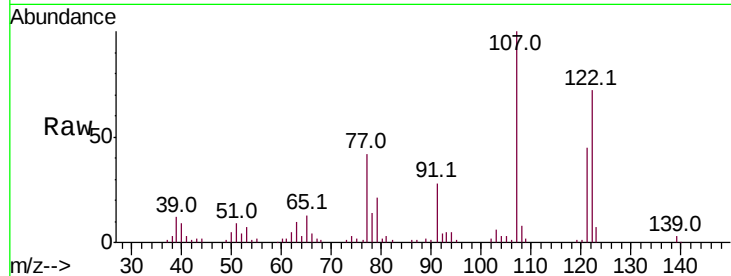




#27
 2,4-Dimethylphenol
 Concen: 47.322 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

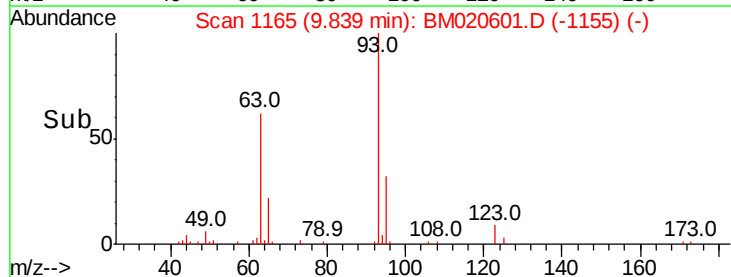
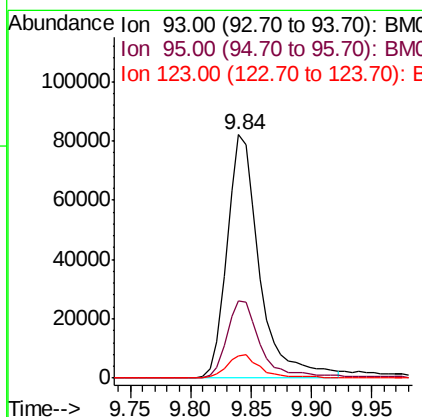
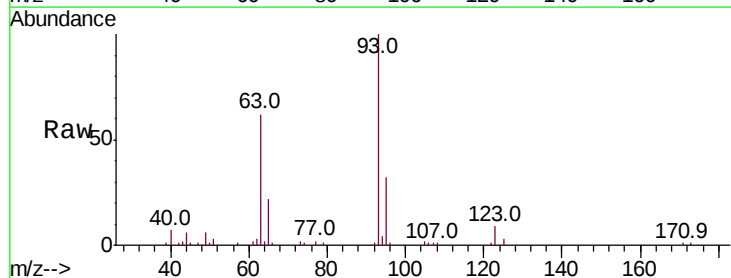
Instrument :
 BNA_M
 ClientSampleID :
 PB119867BS

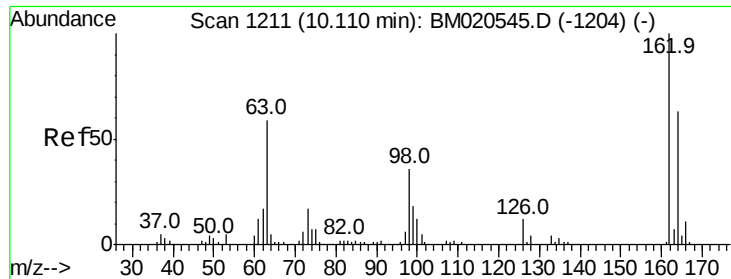
Tot Ion:122 Resp: 104319
 Ion Ratio Lower Upper
 122 100
 107 138.0 108.2 162.2
 121 62.6 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.100 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion: 93 Resp: 153799
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.1 39.1
 123 9.3 8.1 12.1

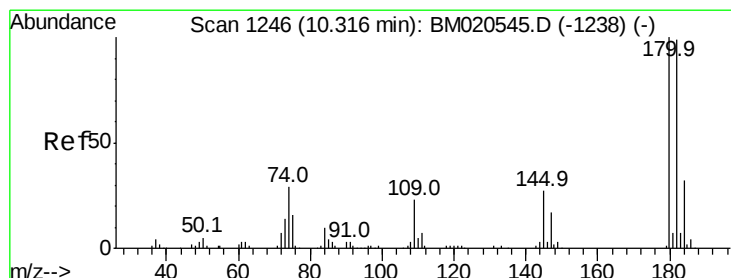
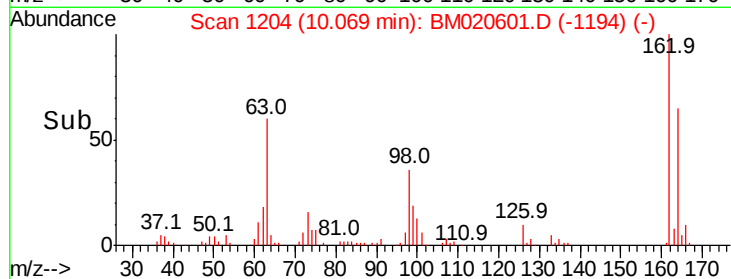
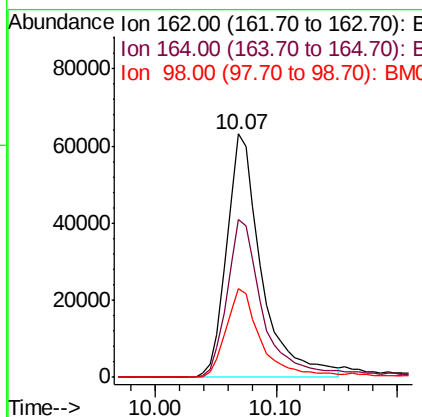
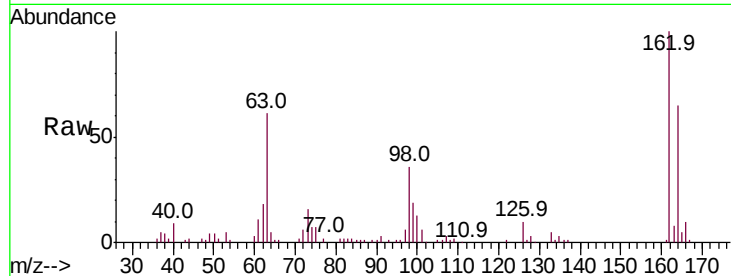




#29
 2,4-Dichlorophenol
 Concen: 43.147 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

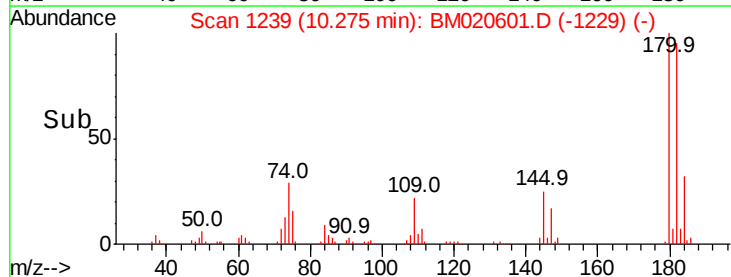
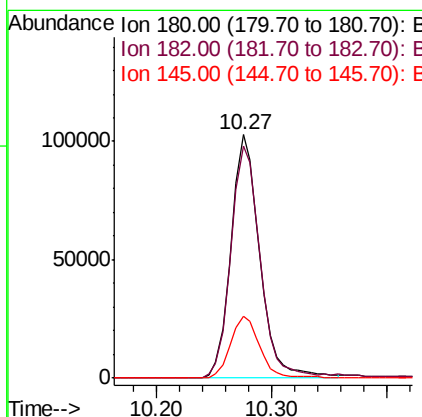
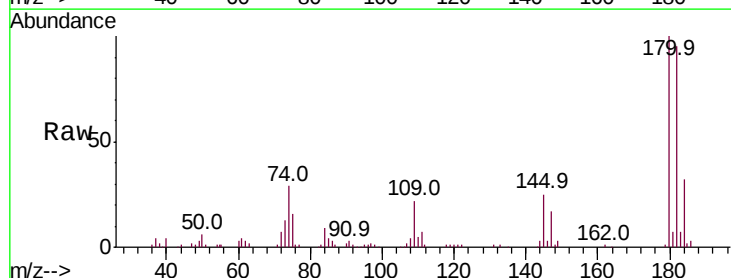
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

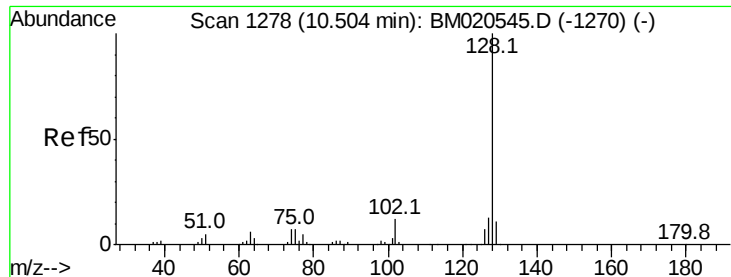
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.1	83.1
98	36.5	16.2	56.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.447 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.8	118.2
145	25.3	21.3	31.9

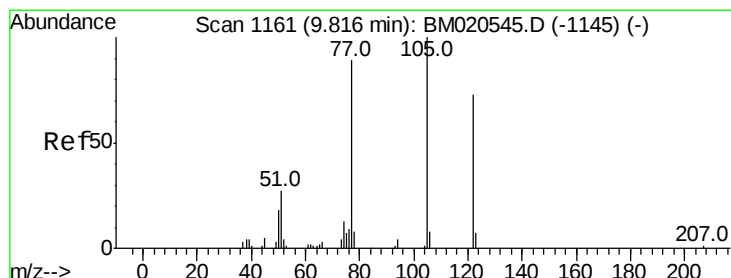
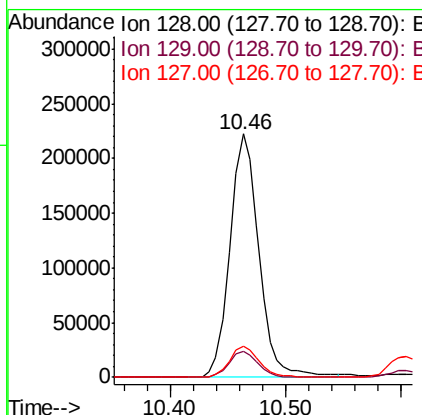
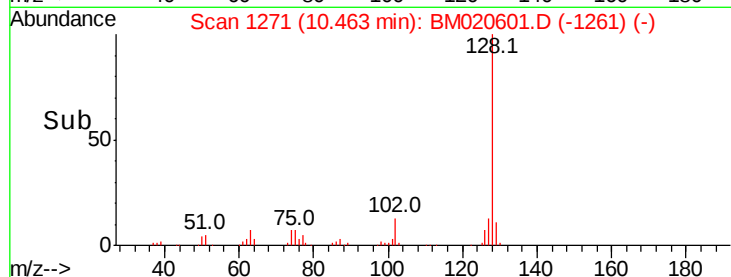
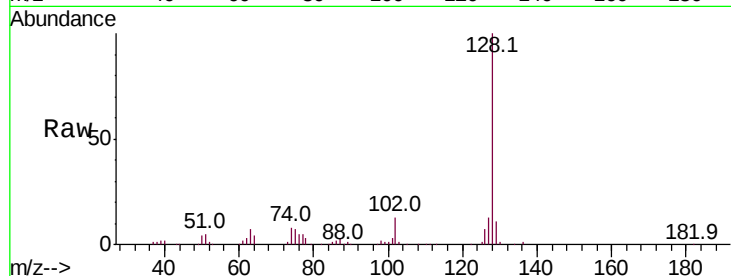




#31
Naphthalene
Concen: 44.051 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

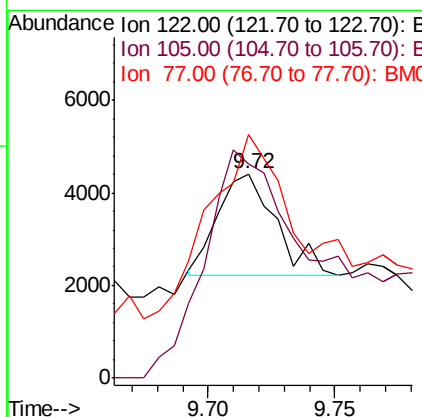
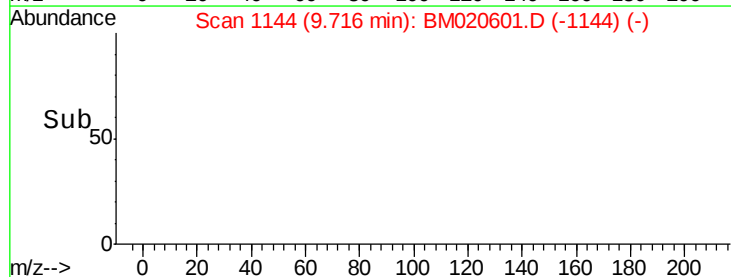
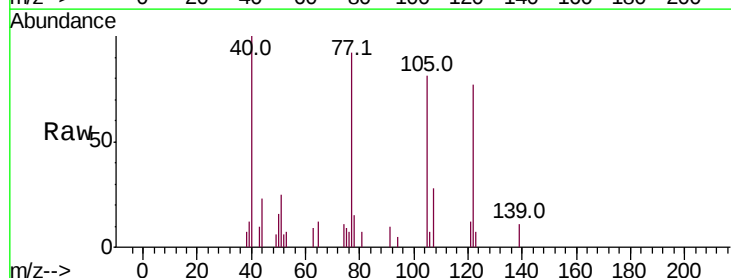
Instrument :
BNA_M
ClientSampleId :
PB119867BS

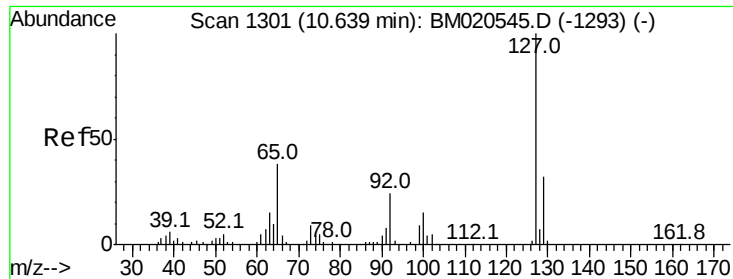
Tot Ion:128 Resp: 387694
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 11.938 ng
RT: 9.72 min Scan# 1144
Delta R.T. -0.10 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:122 Resp: 3510
Ion Ratio Lower Upper
122 100
105 104.7 108.8 148.8#
77 119.3 97.8 137.8

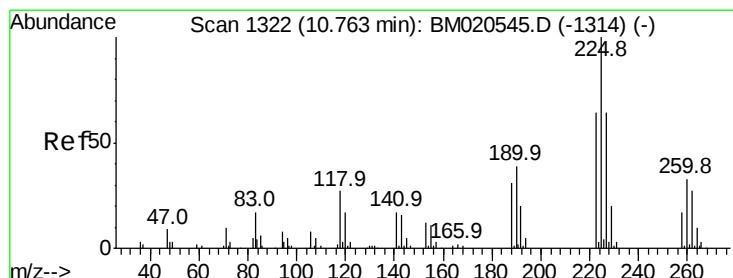
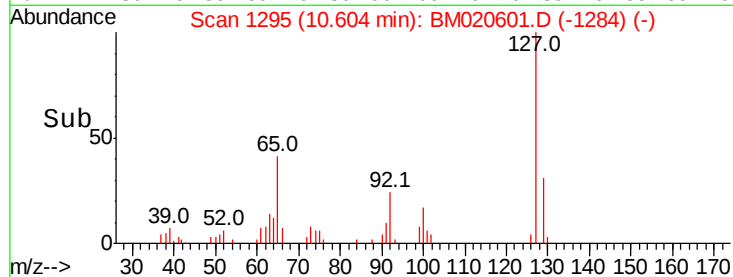
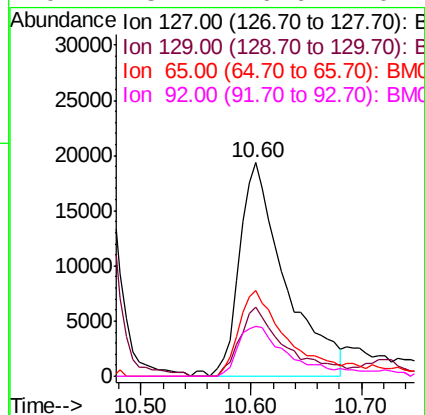
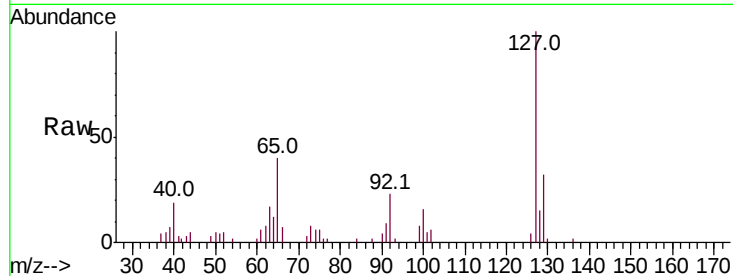




#33
4-Chloroaniline
Concen: 16.029 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

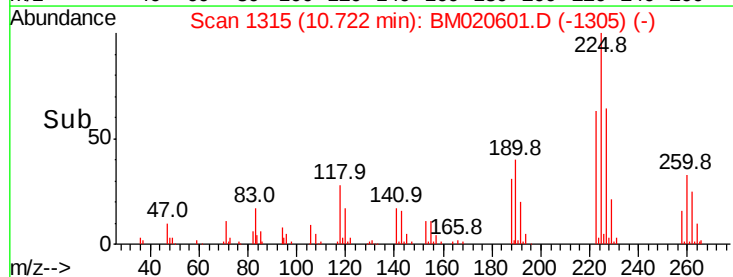
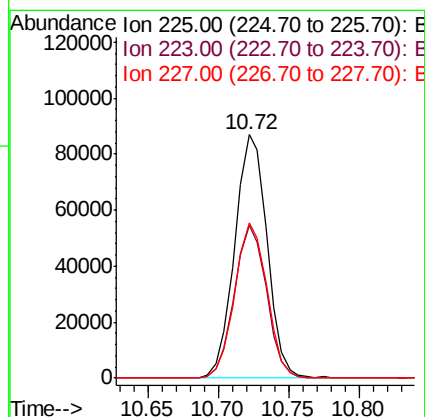
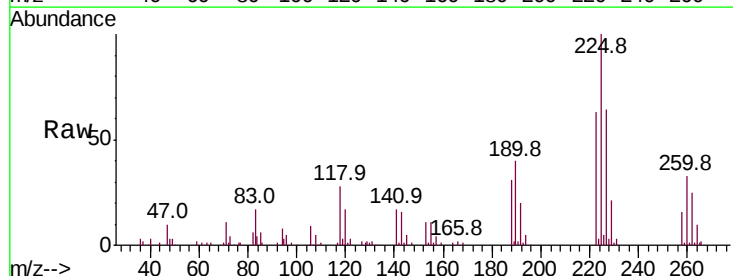
Instrument :
BNA_M
ClientSampleId :
PB119867BS

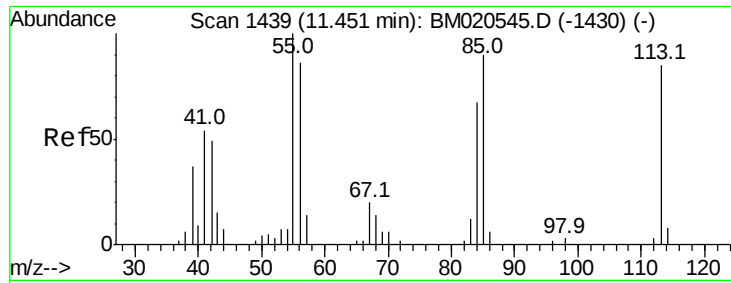
Tot Ion:	127	Resp:	56305
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	40.2	30.6	45.8
92	23.4	19.6	29.4



#34
Hexachlorobutadiene
Concen: 46.611 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	225	Resp:	138925
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.0
227	64.0	51.0	76.6





#35

Caprolactam

Concen: 29.962 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.05 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

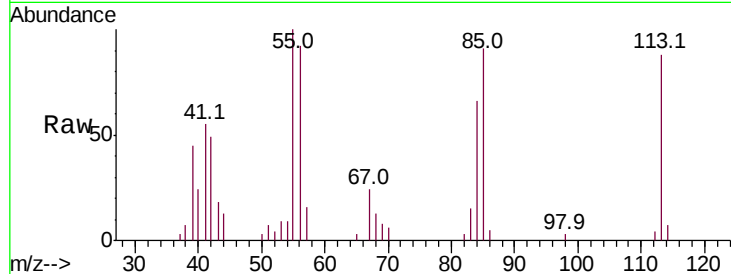
Tot Ion:113 Resp: 28912

Ion Ratio Lower Upper

113 100

55 113.9 97.6 137.6

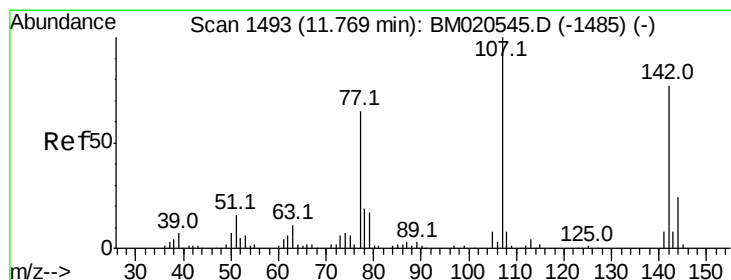
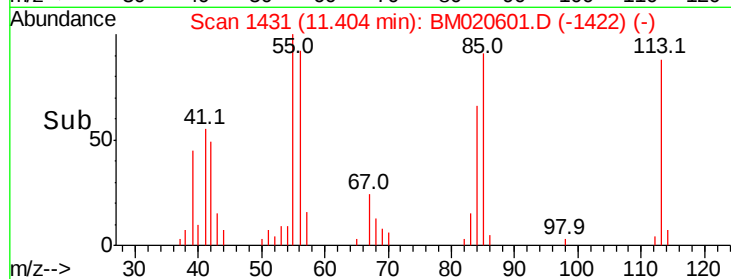
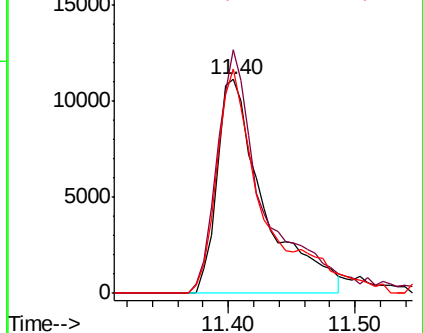
56 105.1 81.6 121.6



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: 38.529 ng

RT: 11.72 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

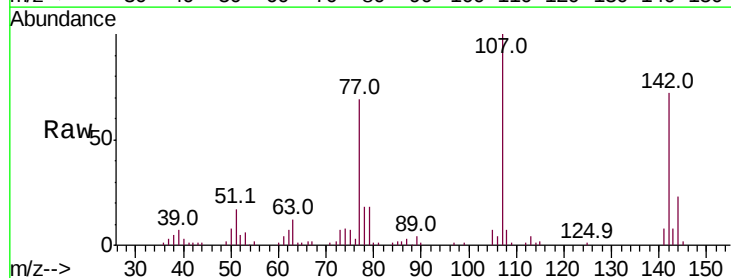
Tgt Ion:107 Resp: 122930

Ion Ratio Lower Upper

107 100

144 23.4 19.0 28.6

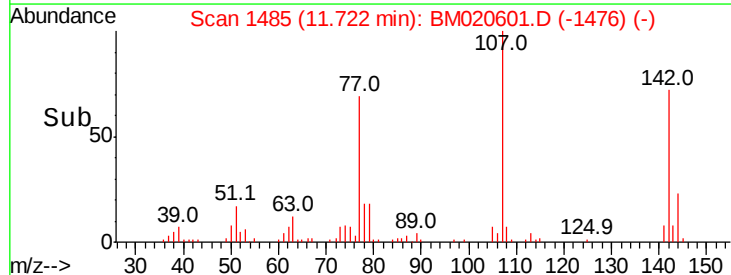
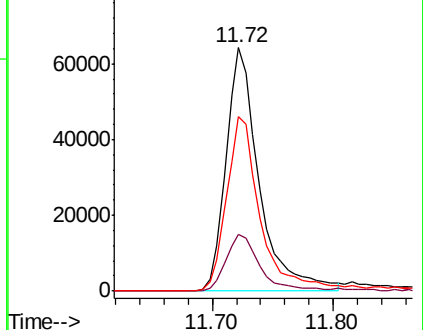
142 71.7 61.3 91.9

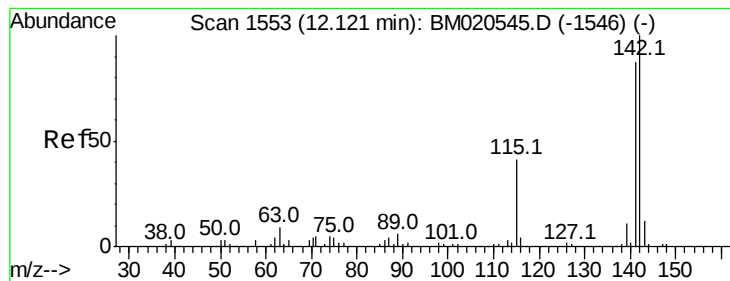


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.103 ng

RT: 12.09 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

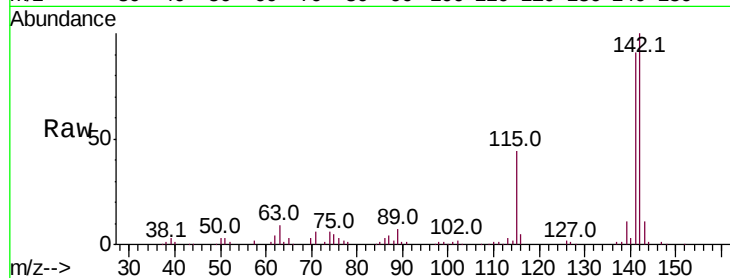
Tot Ion:142 Resp: 276355

Ion Ratio Lower Upper

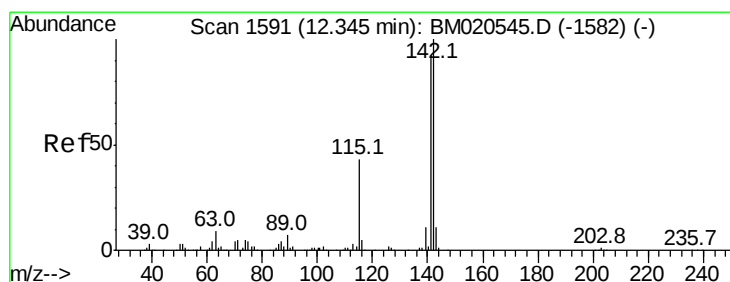
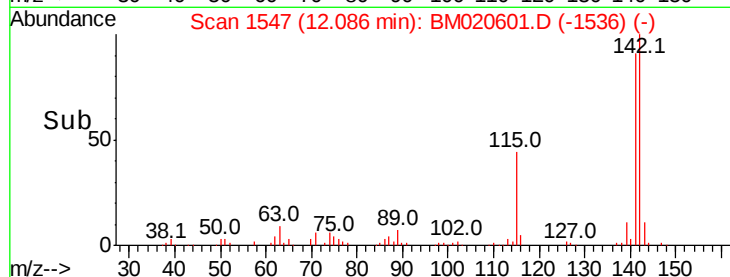
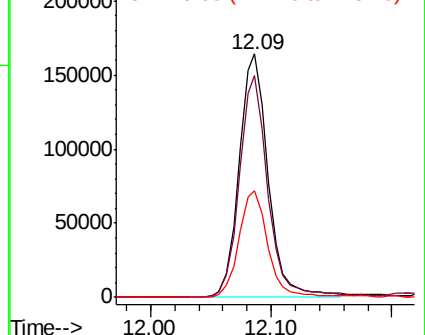
142 100

141 91.2 69.9 104.9

115 43.9 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: 41.054 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

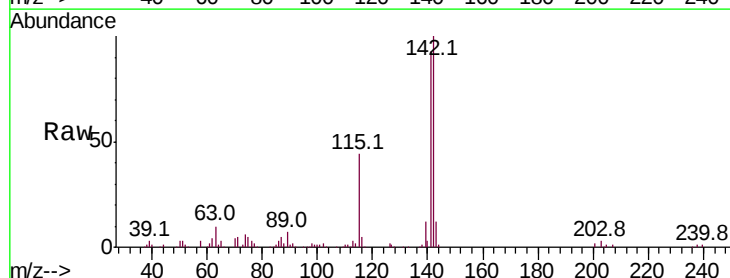
Tgt Ion:142 Resp: 267447

Ion Ratio Lower Upper

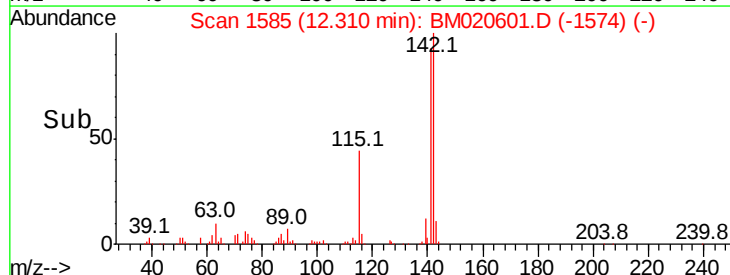
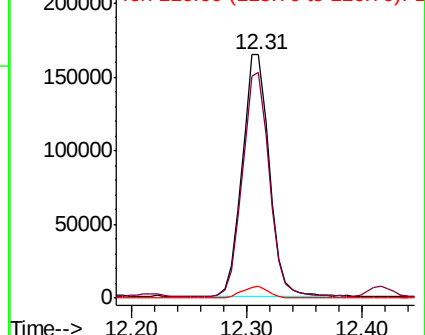
142 100

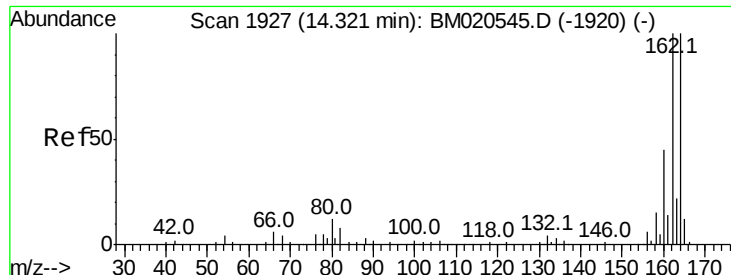
141 92.7 73.7 110.5

116 4.8 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: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

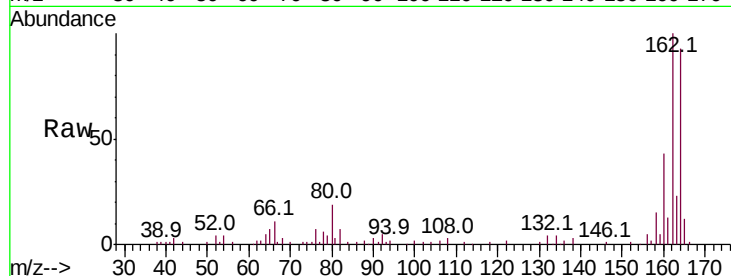
Tot Ion:164 Resp: 107432

Ion Ratio Lower Upper

164 100

162 107.0 79.8 119.8

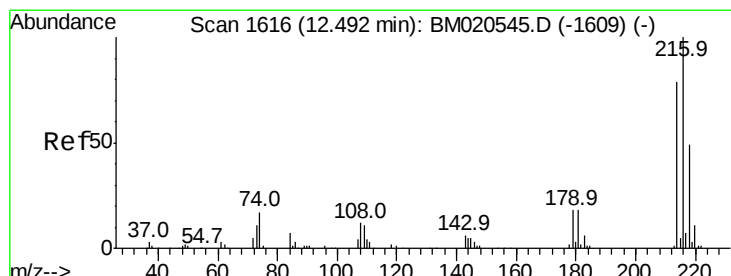
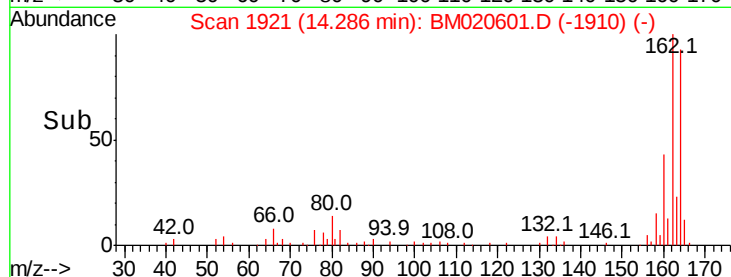
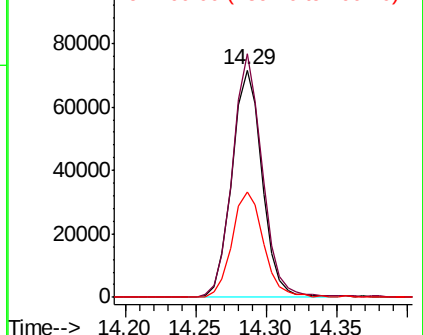
160 46.3 35.9 53.9



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: 50.847 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:216 Resp: 229631

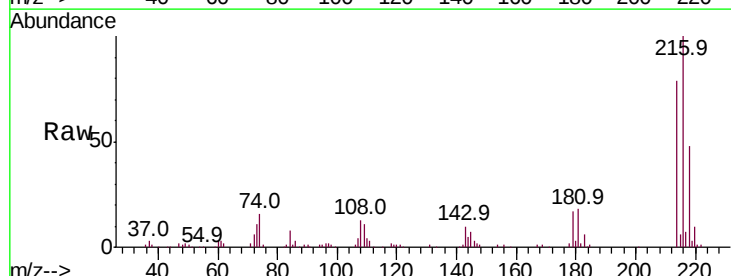
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.6

179 18.2 14.8 22.2

108 13.0 10.5 15.7

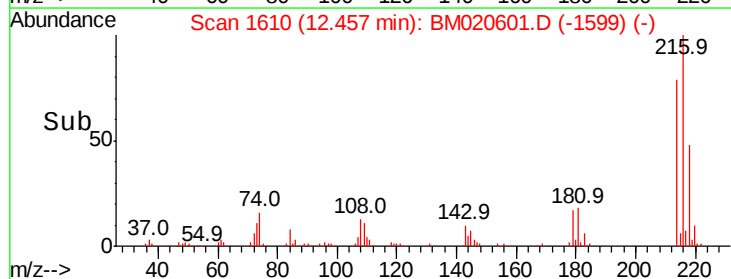
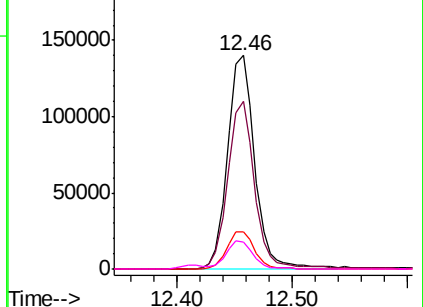


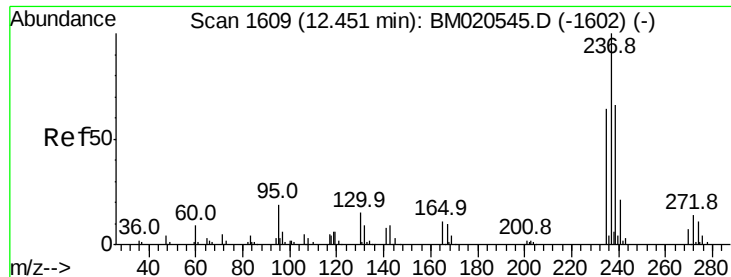
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.452 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

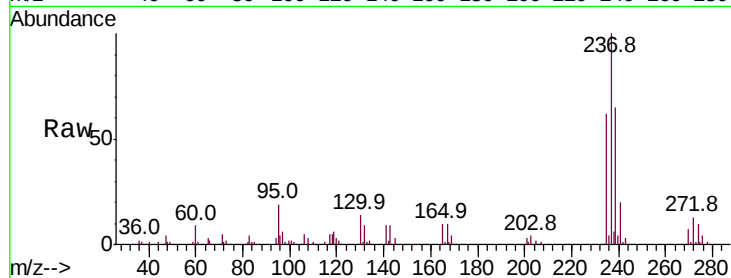
Tot Ion:237 Resp: 121402

Ion Ratio Lower Upper

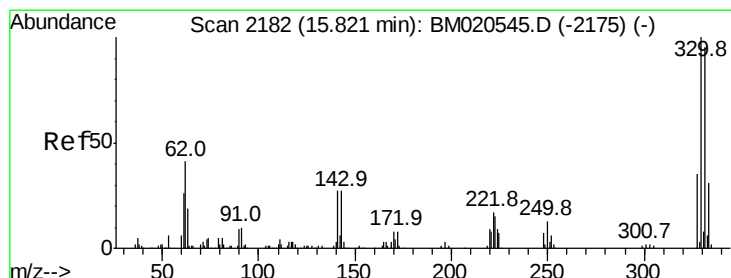
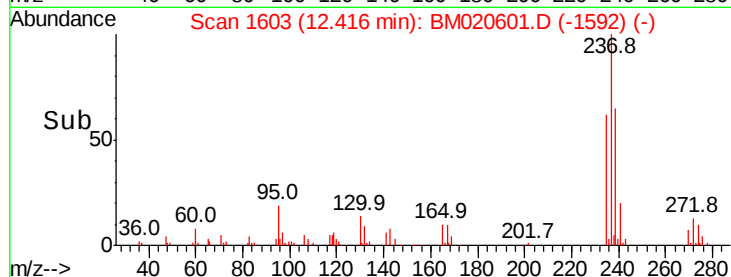
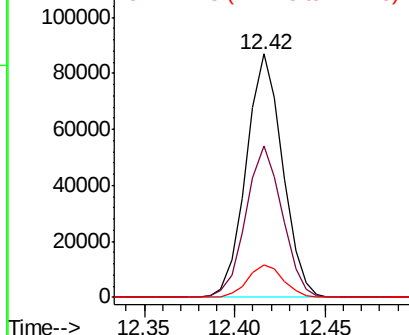
237 100

235 62.4 43.5 83.5

272 13.4 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: 136.340 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

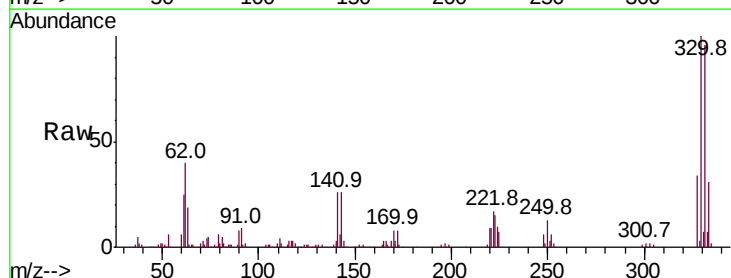
Tgt Ion:330 Resp: 293454

Ion Ratio Lower Upper

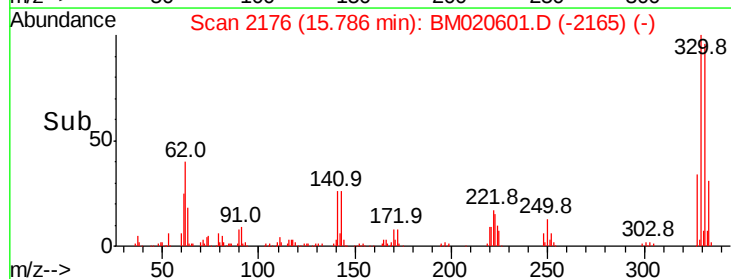
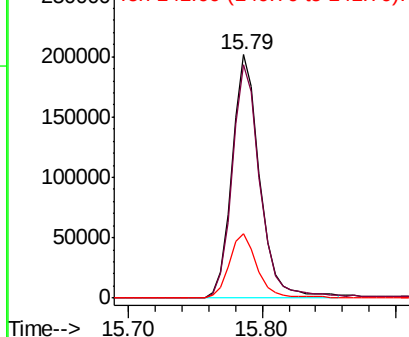
330 100

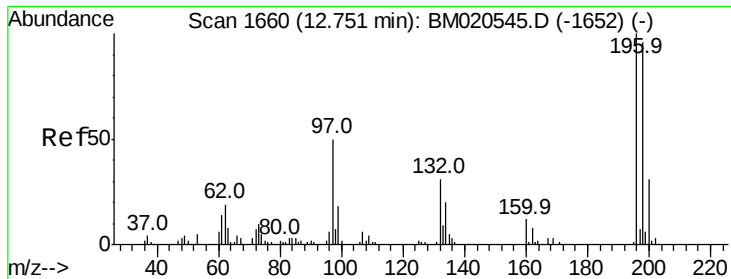
332 96.0 77.5 116.3

141 26.8 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

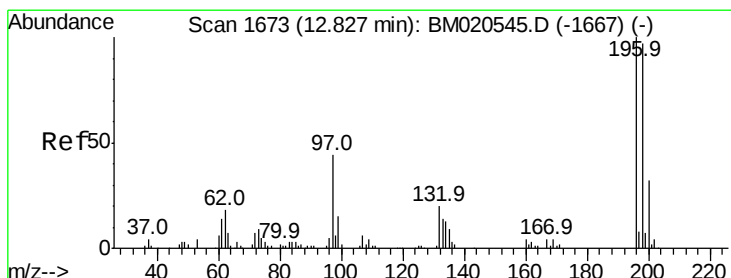
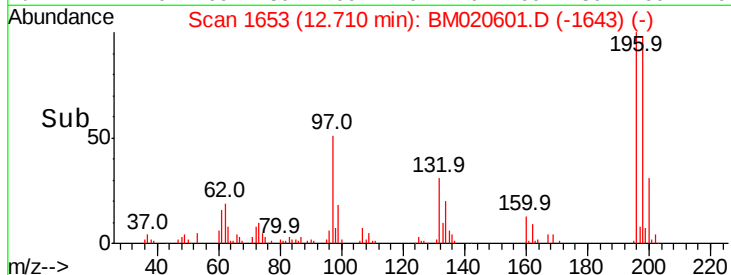
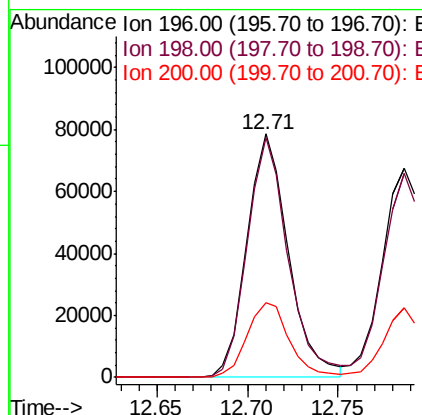
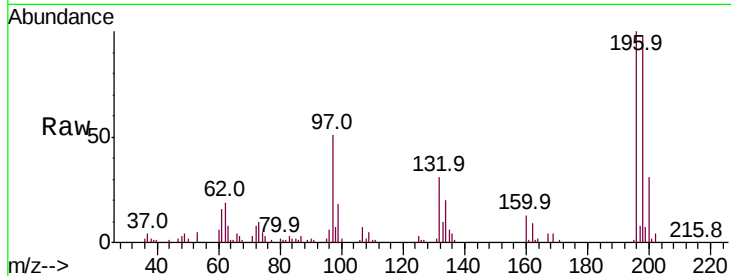




#43
 2,4,6-Trichlorophenol
 Concen: 44.970 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

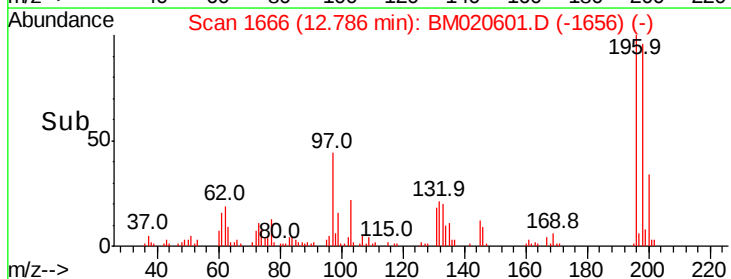
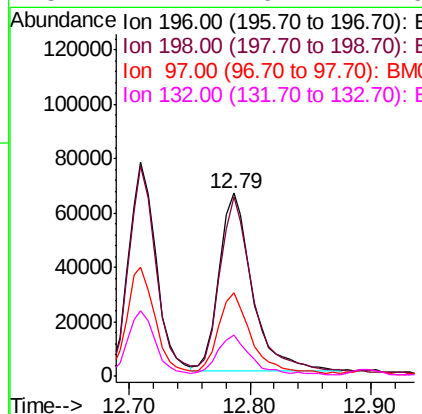
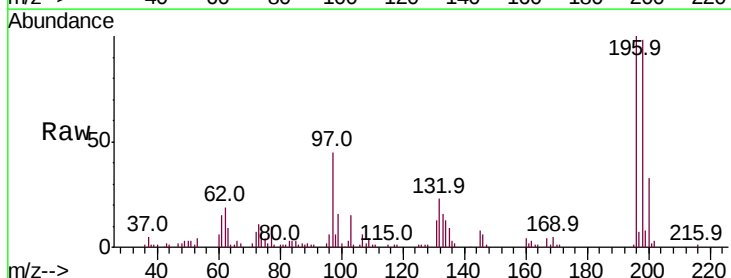
Instrument :
 BNA_M
 ClientSampleID :
 PB119867BS

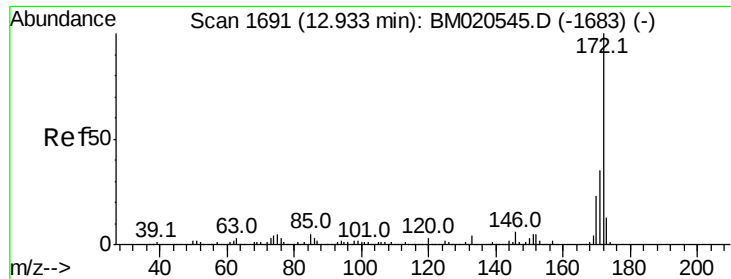
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.4	114.6
200	30.6	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.572 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	77.6	116.4
97	45.2	35.4	53.0
132	22.7	16.4	24.6

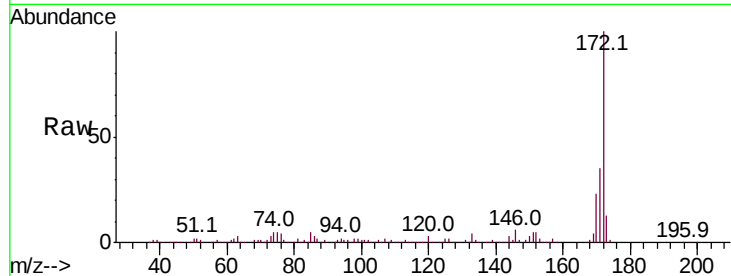




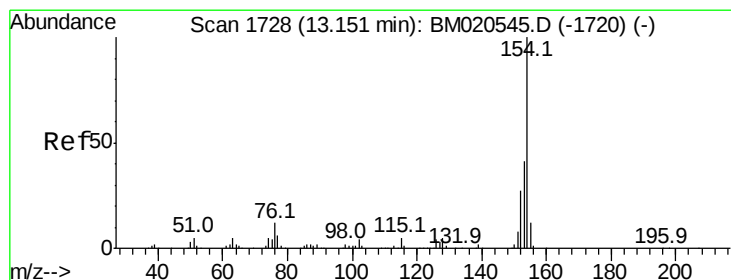
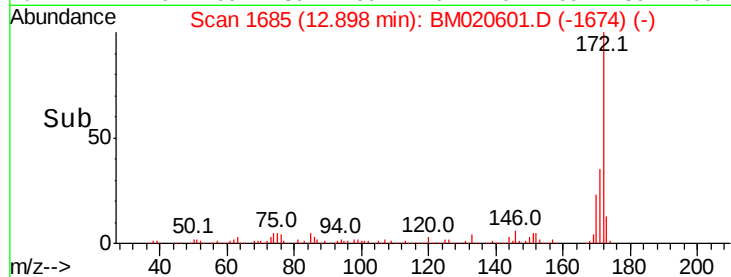
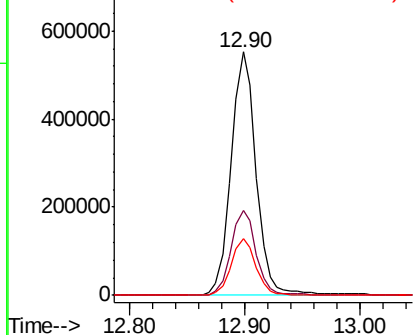
#45
2-Fluorobiphenyl
Concen: 96.935 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:172 Resp: 829922
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.1 18.2 27.4

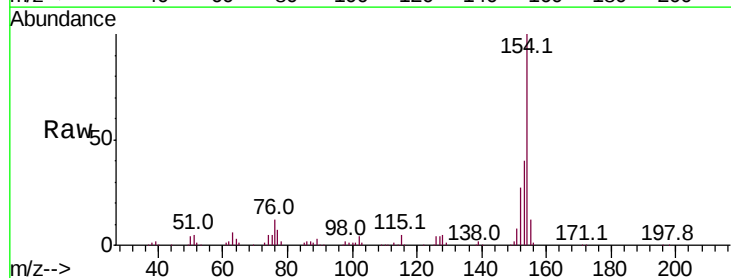


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

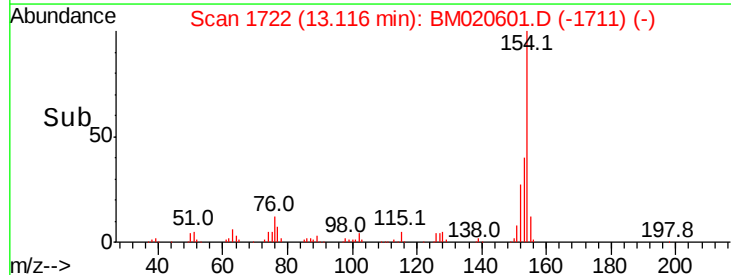
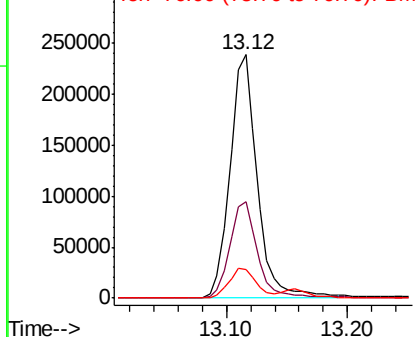


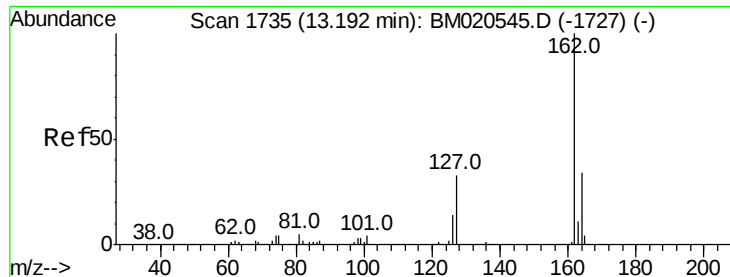
#46
1,1'-Biphenyl
Concen: 45.530 ng
RT: 13.12 min Scan# 1722
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:154 Resp: 376723
Ion Ratio Lower Upper
154 100
153 39.7 20.6 60.6
76 12.0 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

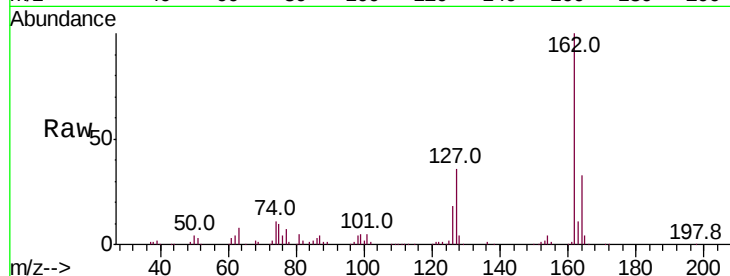




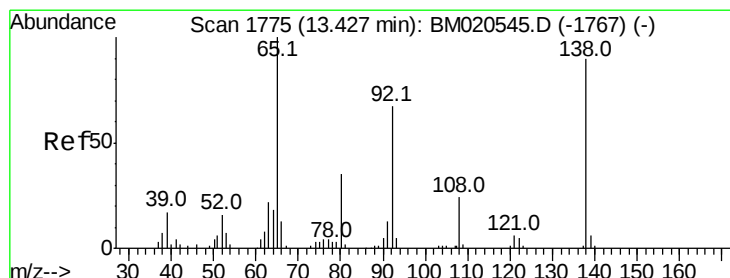
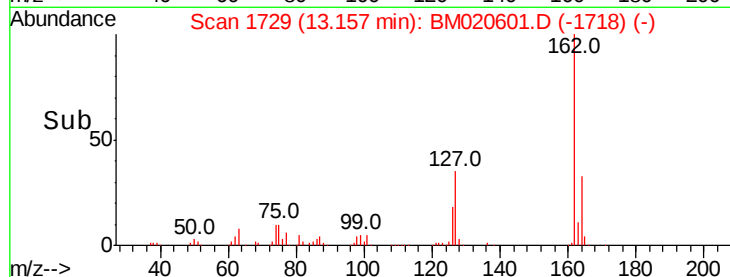
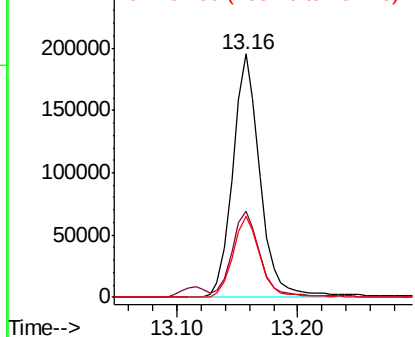
#47
 2-Chloronaphthalene
 Concen: 43.967 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Instrument :
 BNA_M
 ClientSampleID :
 PB119867BS

Tot Ion:	162	Resp:	308389
Ion	Ratio	Lower	Upper
162	100		
127	35.5	29.2	43.8
164	33.0	27.4	41.2

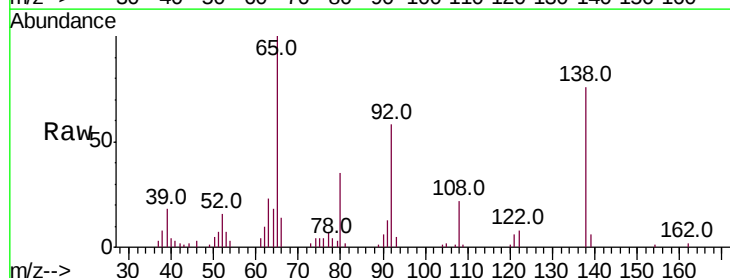


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

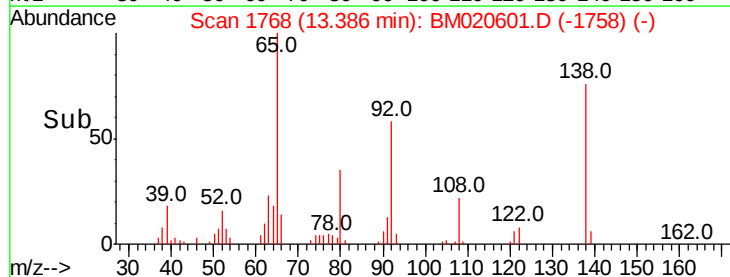
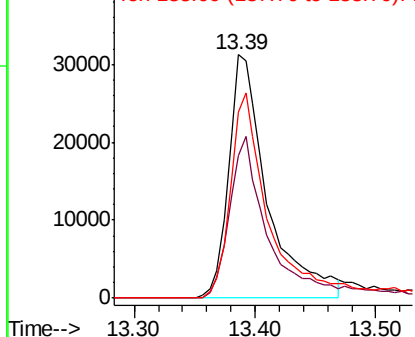


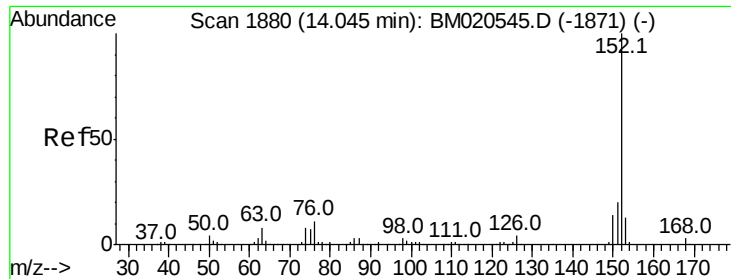
#48
 2-Nitroaniline
 Concen: 33.603 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	65	Resp:	69821
Ion	Ratio	Lower	Upper
65	100		
92	58.4	53.6	80.4
138	76.5	72.0	108.0



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





#49

Acenaphthylene

Concen: 43.264 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

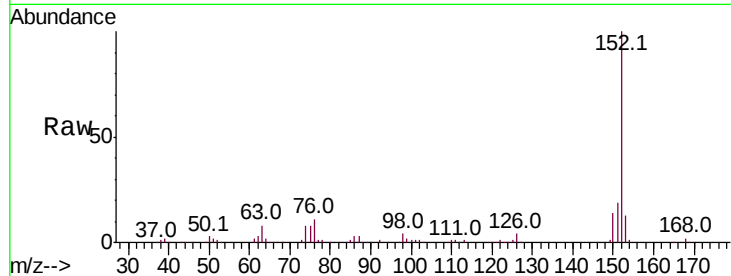
Tot Ion:152 Resp: 461476

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

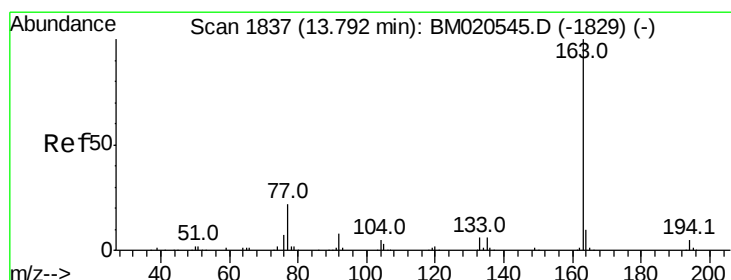
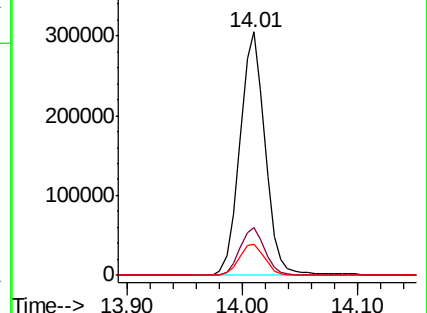
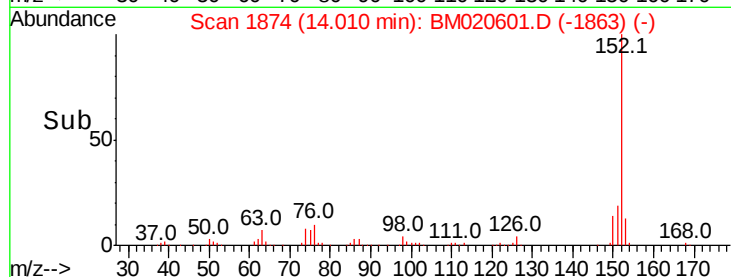
153 12.9 10.2 15.2



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: 41.073 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

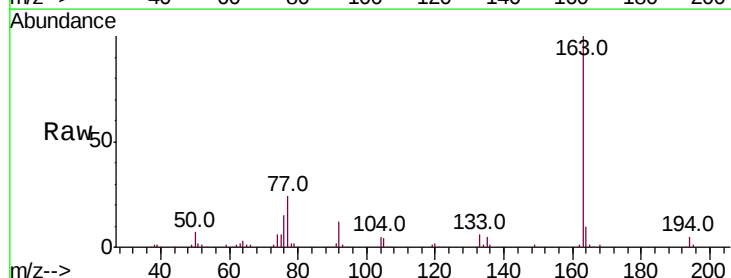
Tgt Ion:163 Resp: 390839

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

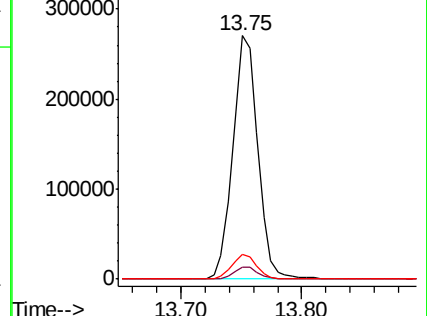
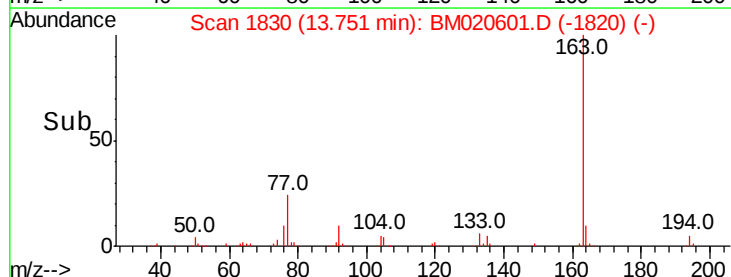
164 10.1 8.0 12.0

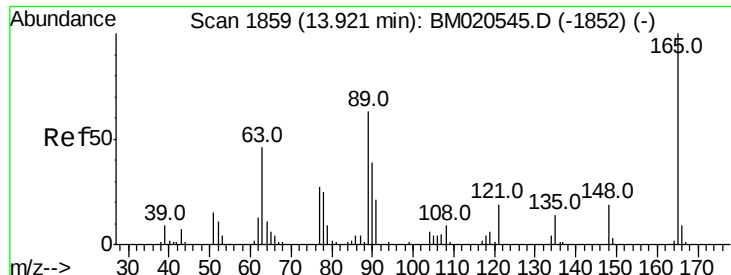


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

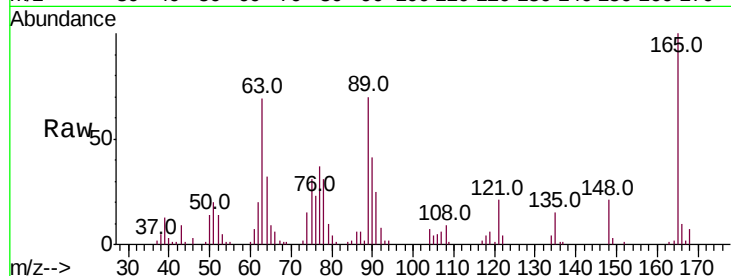




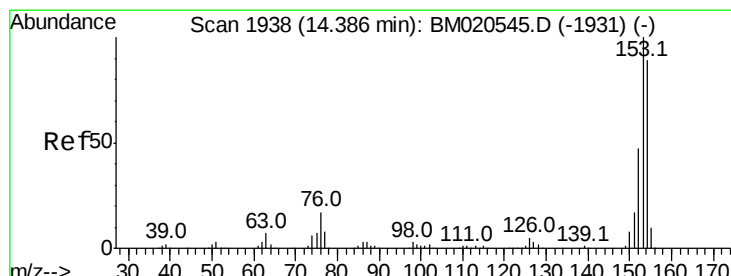
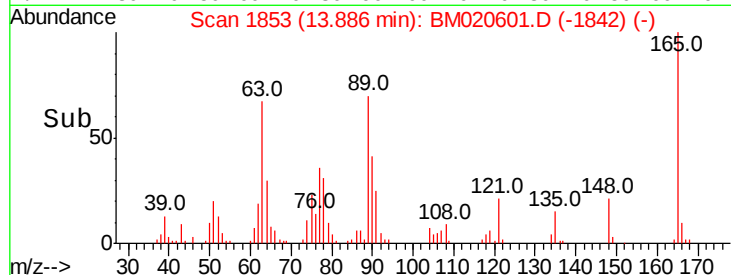
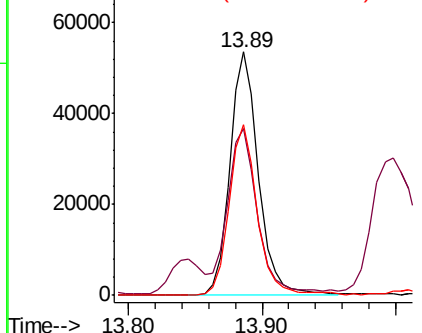
#51
 2,6-Dinitrotoluene
 Concen: 40.444 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:165 Resp: 80213
 Ion Ratio Lower Upper
 165 100
 63 68.8 49.6 74.4
 89 69.9 50.8 76.2

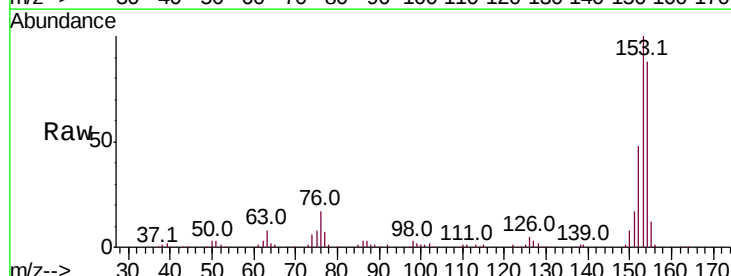


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

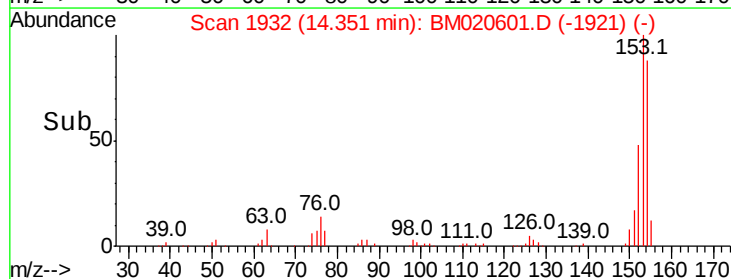
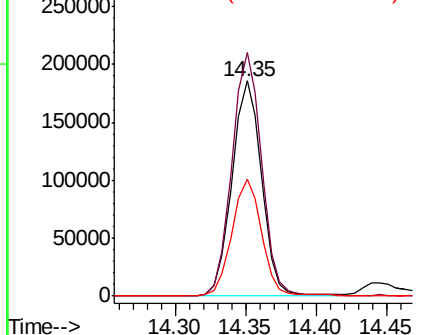


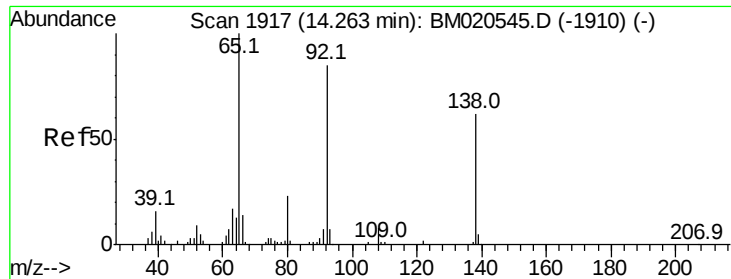
#52
 Acenaphthene
 Concen: 42.242 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:154 Resp: 271528
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.2 135.4
 152 54.4 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

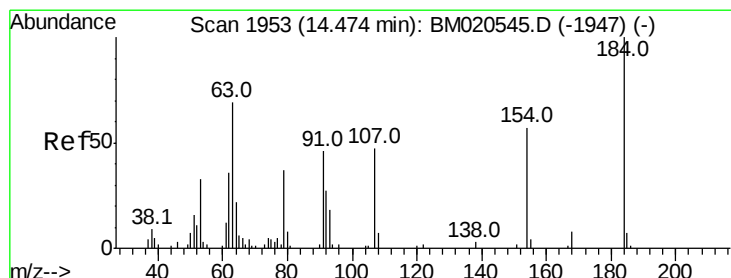
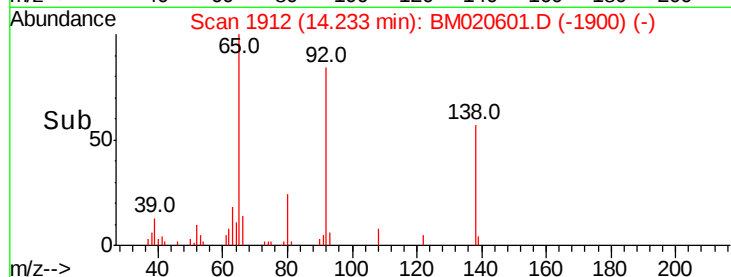
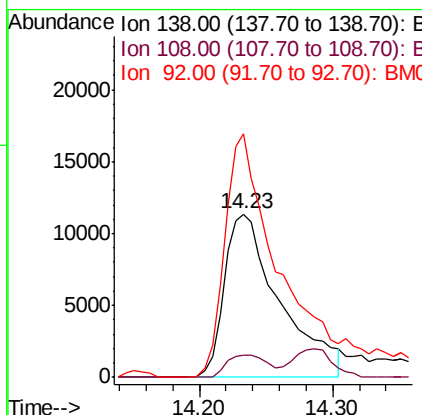
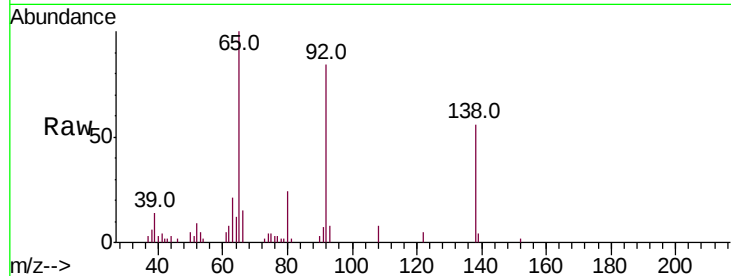




#53
3-Nitroaniline
Concen: 22.047 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

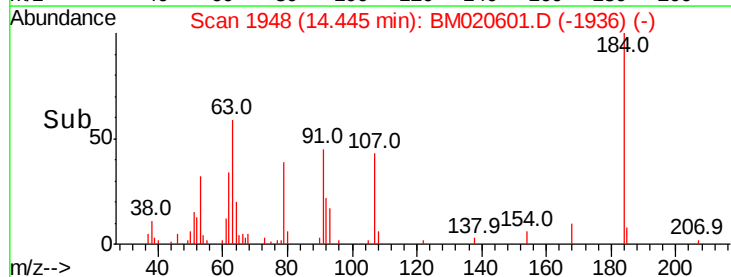
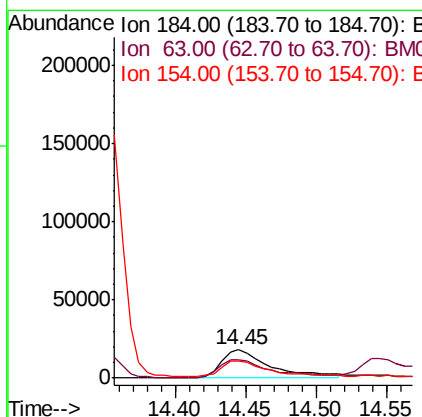
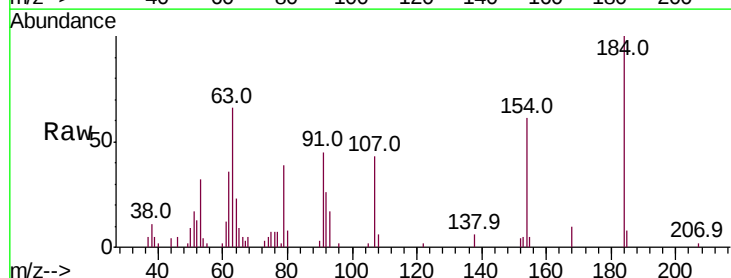
Instrument :
BNA_M
ClientSampleId :
PB119867BS

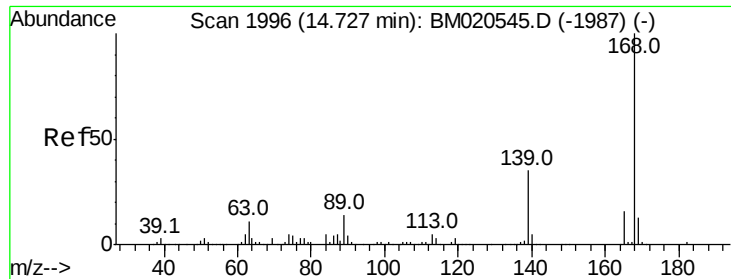
Tot Ion:138 Resp: 32938
Ion Ratio Lower Upper
138 100
108 13.5 10.1 15.1
92 149.3 109.5 164.3



#54
2,4-Dinitrophenol
Concen: 39.972 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:184 Resp: 43453
Ion Ratio Lower Upper
184 100
63 65.9 56.3 84.5
154 61.2 49.0 73.6





#55

Dibenzenofuran

Concen: 42.606 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

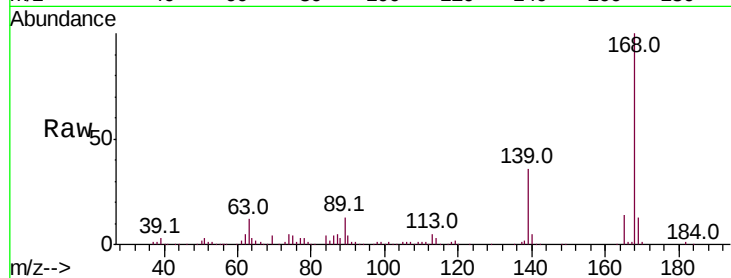
Tot Ion:168 Resp: 473917

Ion Ratio Lower Upper

168 100

139 35.8 28.2 42.4

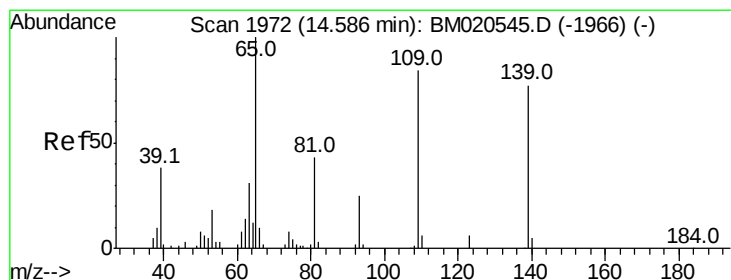
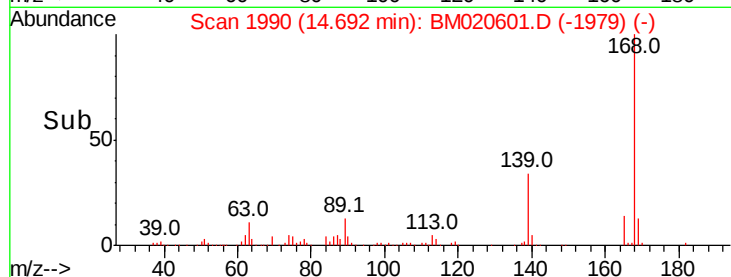
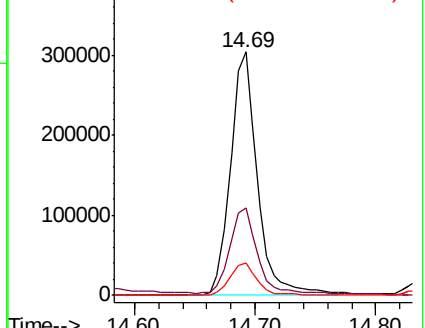
169 13.3 10.6 16.0



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: 56.607 ng

RT: 14.55 min Scan# 1965

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

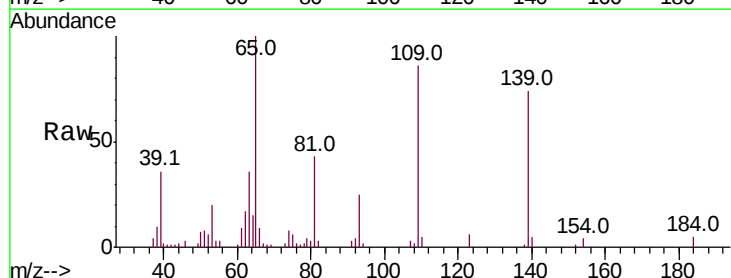
Tgt Ion:139 Resp: 70452

Ion Ratio Lower Upper

139 100

109 116.9 89.4 129.4

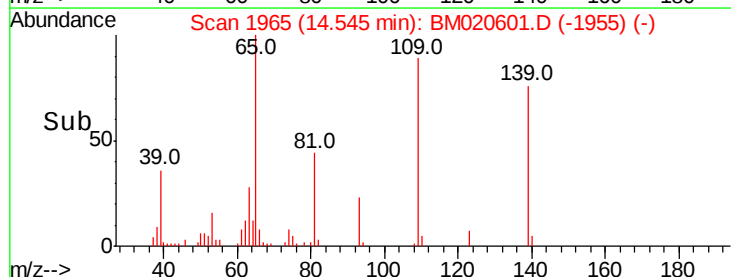
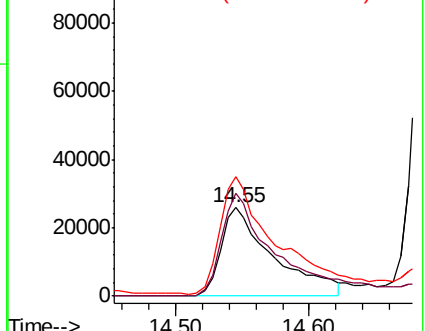
65 135.2 113.3 153.3

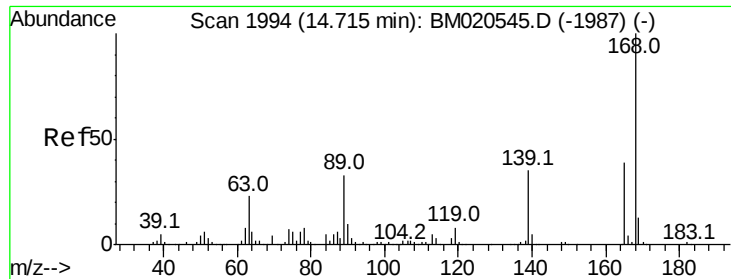


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

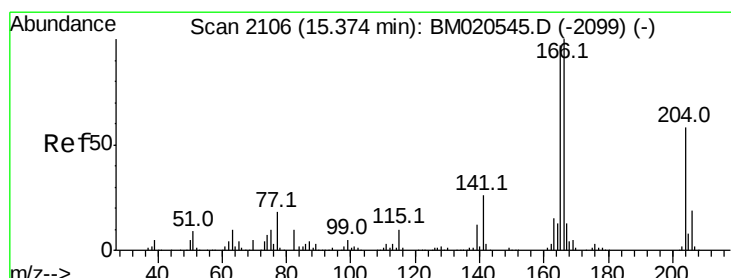
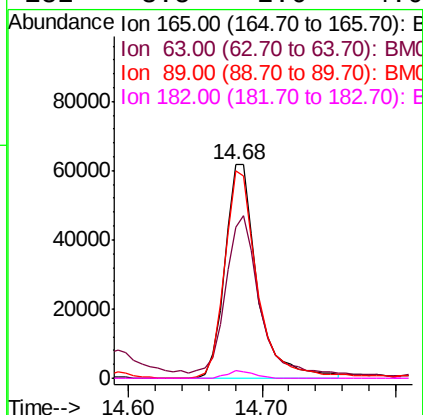
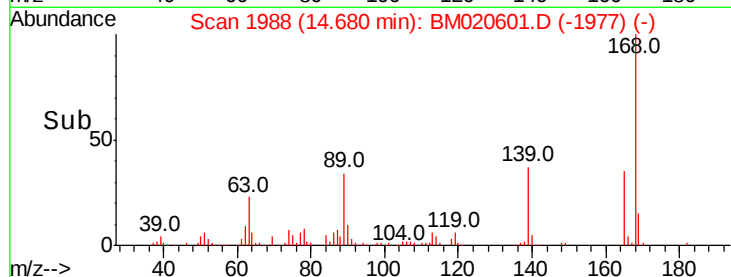
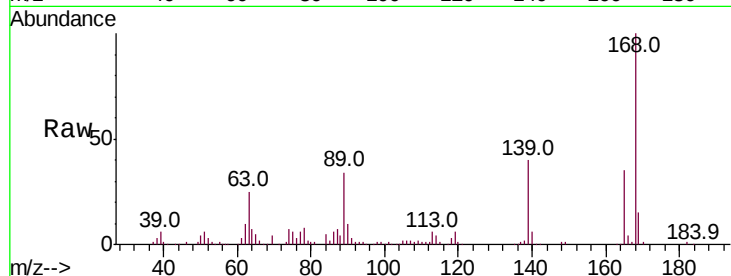




#57
 2,4-Dinitrotoluene
 Concen: 36.515 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

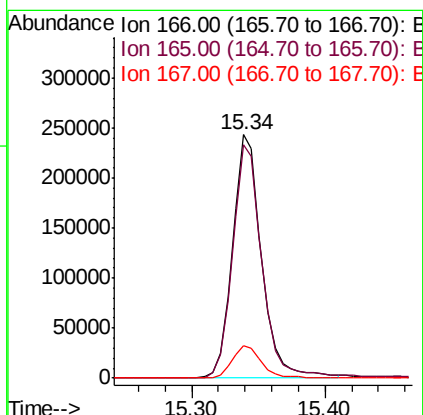
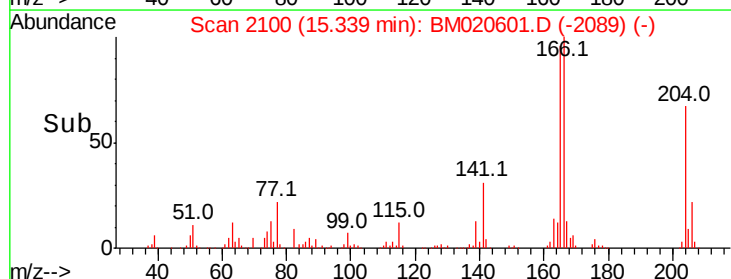
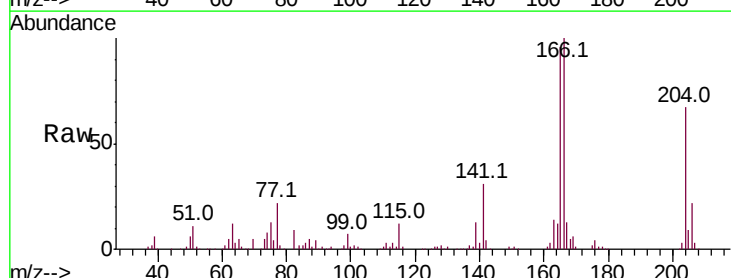
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

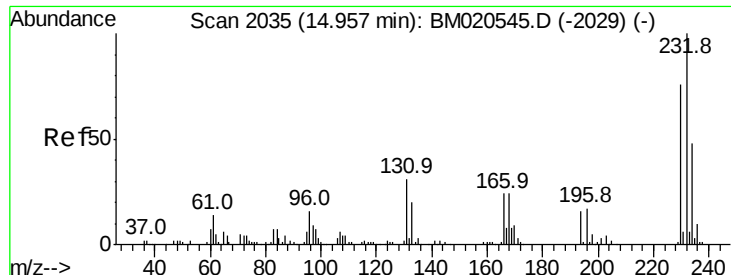
Tot Ion:165 Resp: 104580
 Ion Ratio Lower Upper
 165 100
 63 70.9 48.7 73.1
 89 97.1 68.8 103.2
 182 3.5 2.6 4.0



#58
 Fluorene
 Concen: 39.880 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:166 Resp: 368490
 Ion Ratio Lower Upper
 166 100
 165 95.9 77.4 116.0
 167 13.5 10.6 16.0

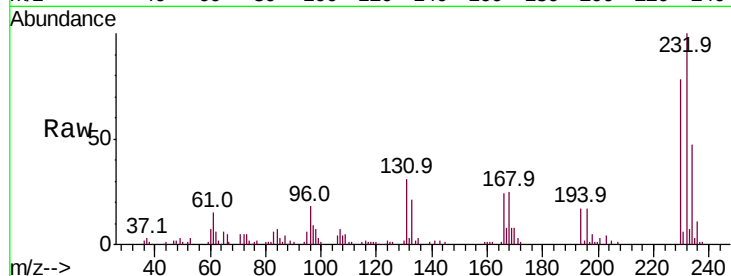




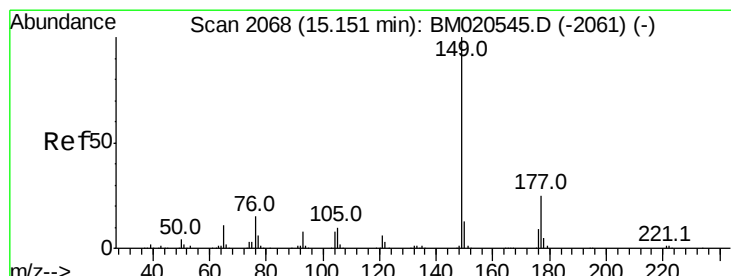
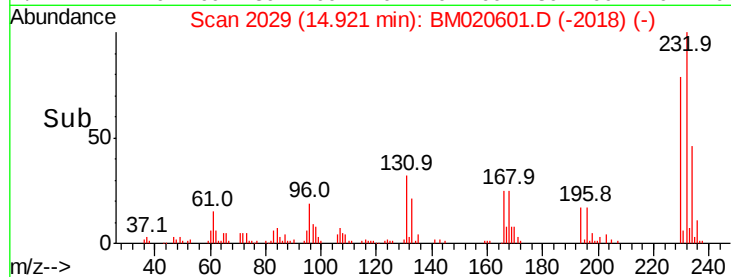
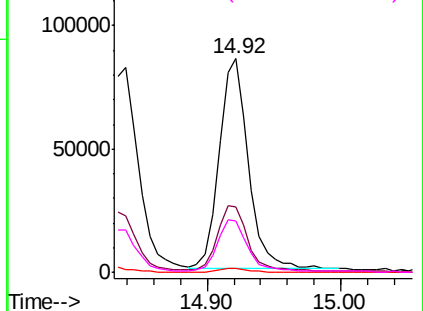
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.872 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:	232	Resp:	130195
Ion	Ratio	Lower	Upper
232	100		
131	32.6	25.4	38.0
130	1.9	1.5	2.3
166	25.2	19.7	29.5

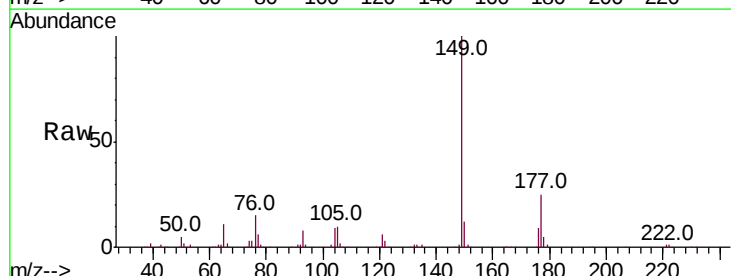


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

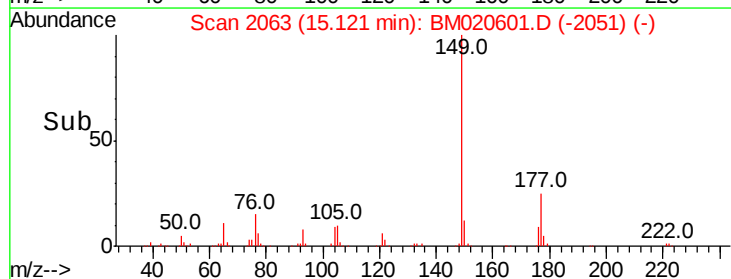
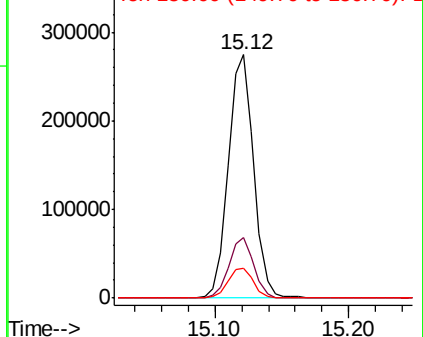


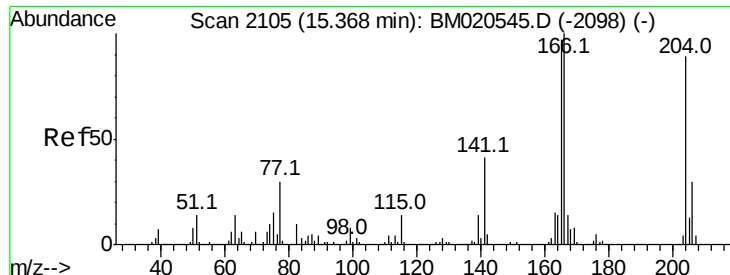
#60
 Diethylphthalate
 Concen: 38.853 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. -0.03 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	149	Resp:	364264
Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.8	29.8
150	12.5	10.2	15.2



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

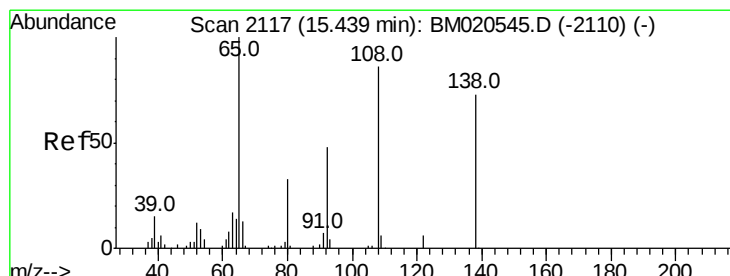
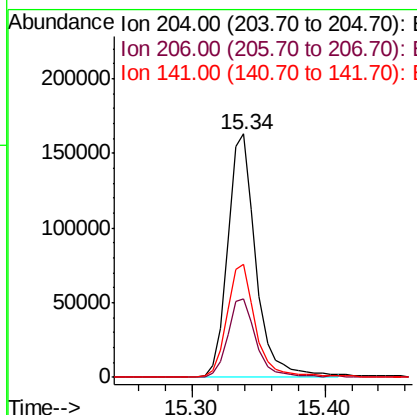
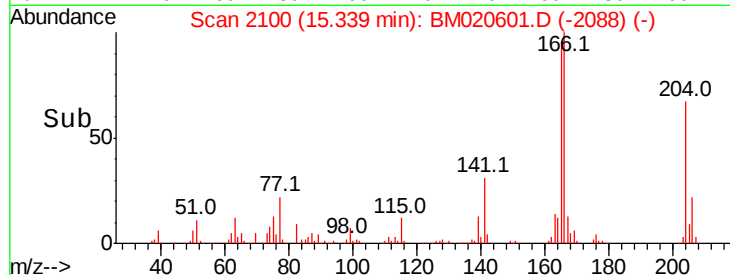
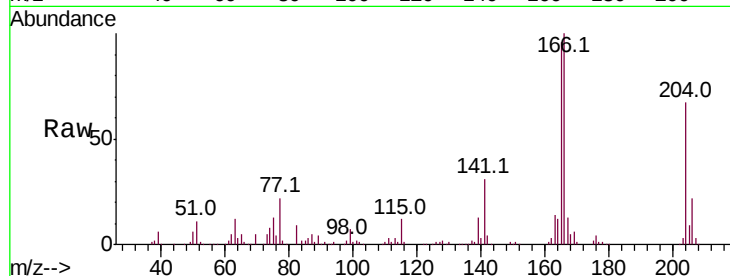




#61
 4-Chlorophenyl-phenylether
 Concen: 40.961 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

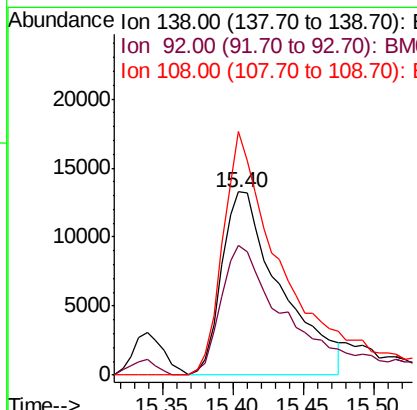
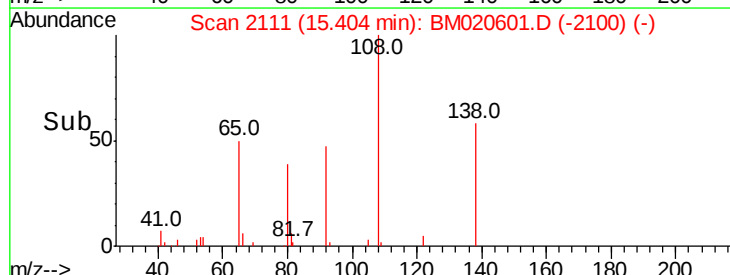
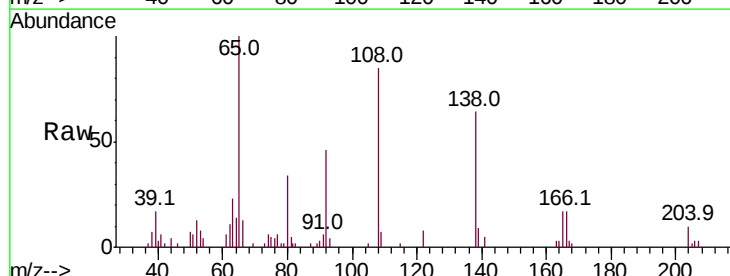
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

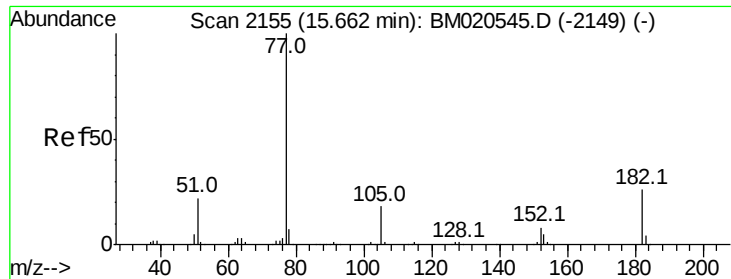
Tot Ion:	204	Resp:	241622
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	40.0
141	46.3	36.9	55.3



#62
 4-Nitroaniline
 Concen: 23.147 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	138	Resp:	38590
Ion	Ratio	Lower	Upper
138	100		
92	71.0	44.5	84.5
108	132.8	95.9	135.9

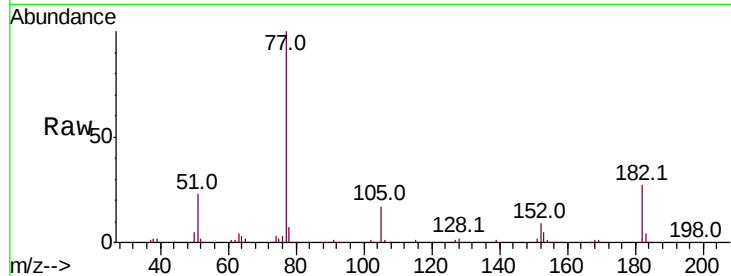




#63
Azobenzene
Concen: 40.662 ng
RT: 15.63 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	77	Resp:	370959
Ion	Ratio	Lower	Upper
77	100		
182	27.2	5.7	45.7
105	16.8	0.0	37.6
51	23.1	1.7	41.7

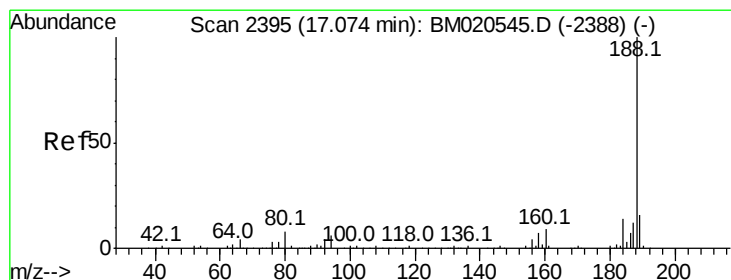
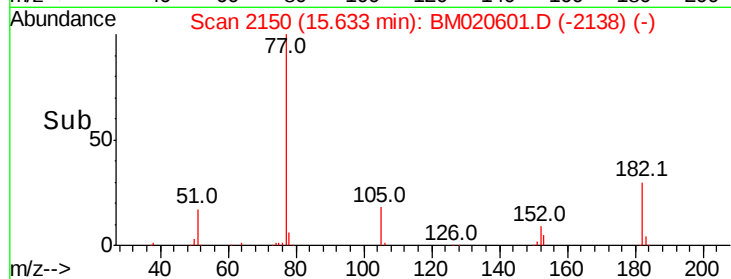
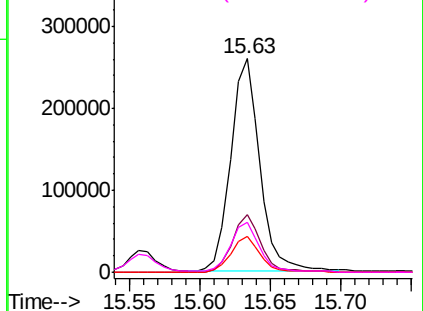


Abundance Ion 77.00 (76.70 to 77.70): BM020601.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM020601.D (-2138) (-)

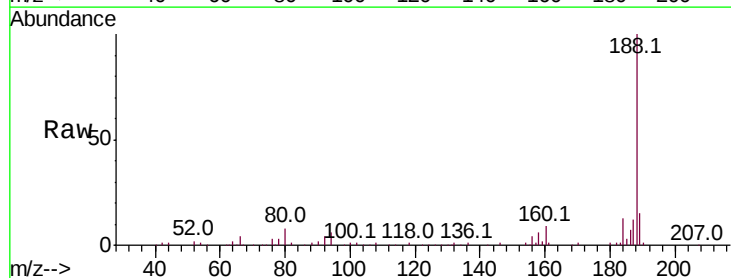
Ion 105.00 (104.70 to 105.70): BM020601.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM020601.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

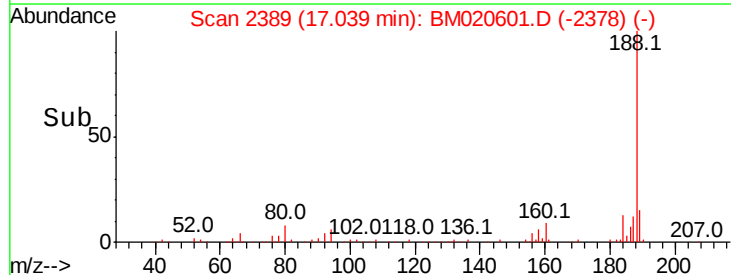
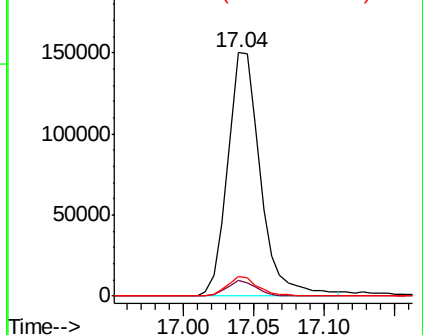
Tgt Ion:	188	Resp:	243946
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	8.1	6.5	9.7

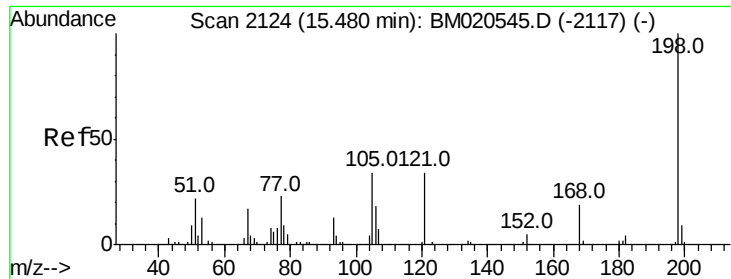


Abundance Ion 188.00 (187.70 to 188.70): BM020601.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM020601.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM020601.D (-2378) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 30.799 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

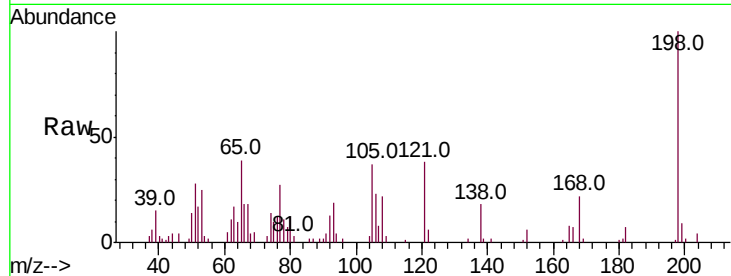
Tot Ion:198 Resp: 43554

Ion Ratio Lower Upper

198 100

51 27.8 6.4 46.4

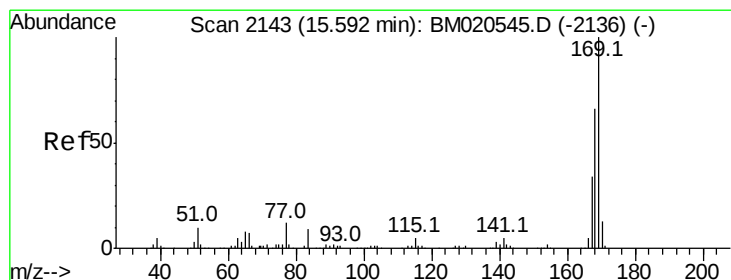
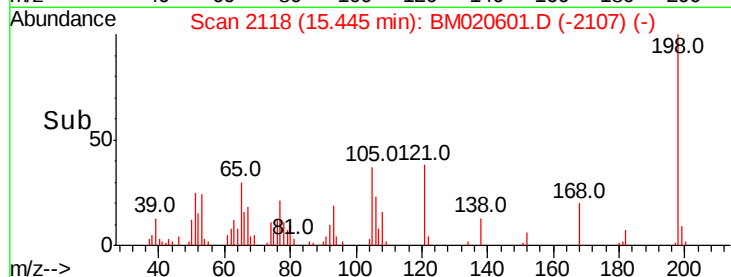
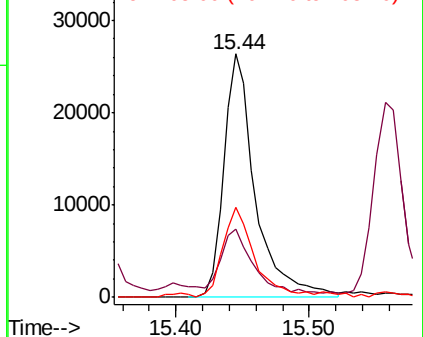
105 36.7 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.355 ng

RT: 15.56 min Scan# 2138

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

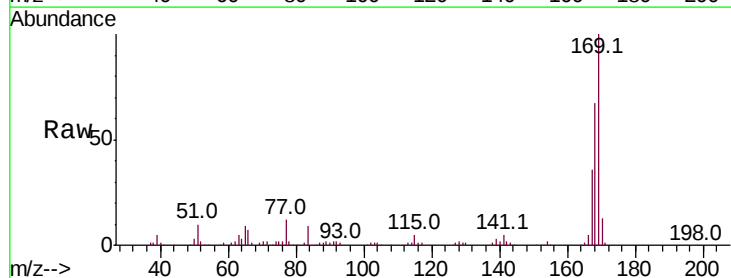
Tgt Ion:169 Resp: 313232

Ion Ratio Lower Upper

169 100

168 66.8 52.5 78.7

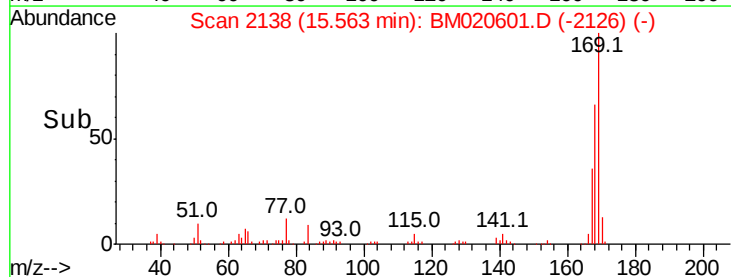
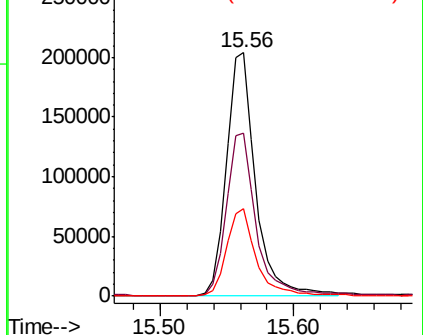
167 35.9 27.5 41.3

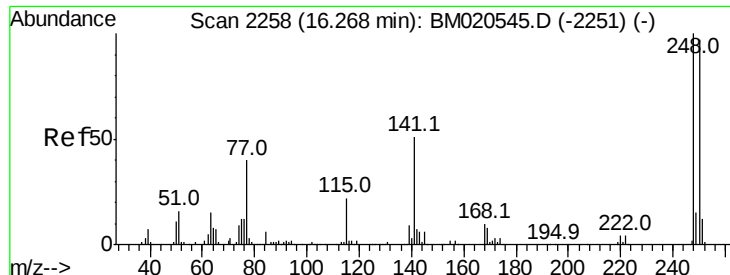


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

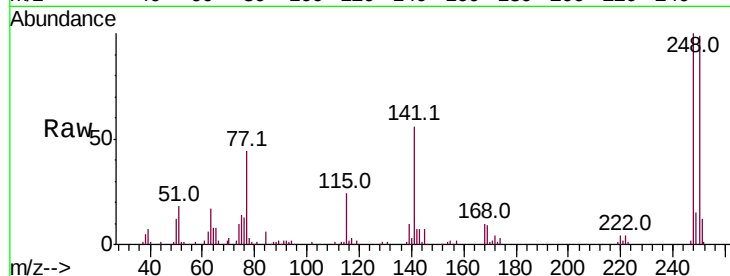




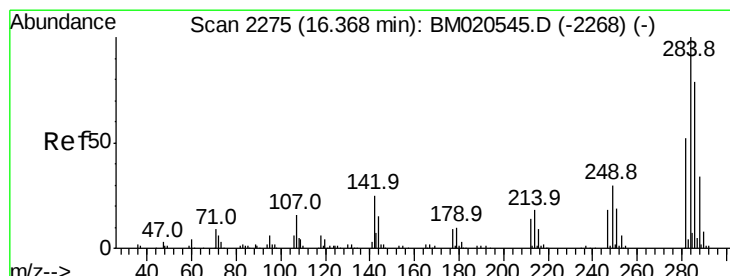
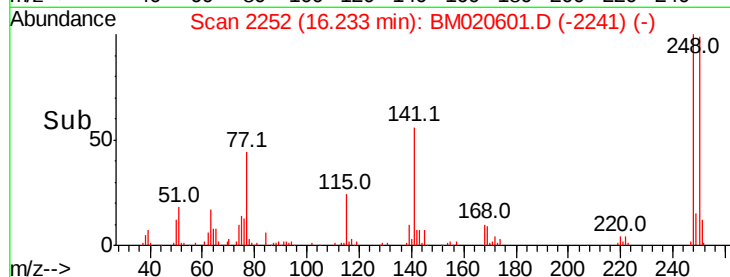
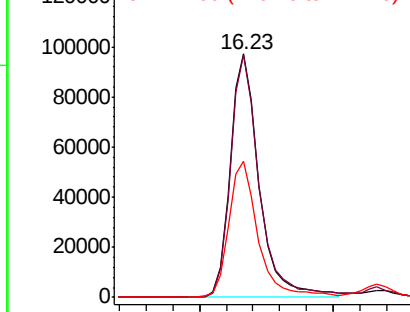
#67
4-Bromophenyl-phenylether
Concen: 45.376 ng
RT: 16.23 min Scan# 2252
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:248 Resp: 147460
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.6
141 55.8 41.0 61.6

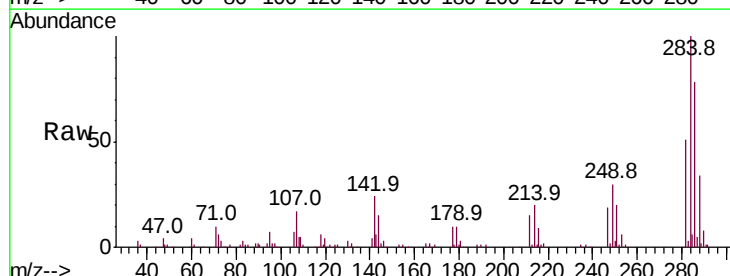


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

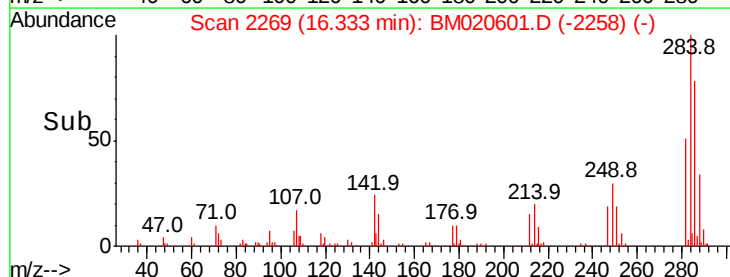
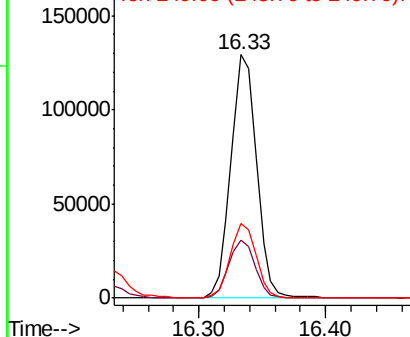


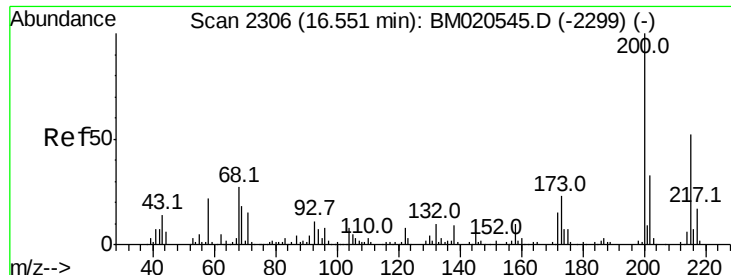
#68
Hexachlorobenzene
Concen: 46.057 ng
RT: 16.33 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:284 Resp: 181475
Ion Ratio Lower Upper
284 100
142 23.7 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

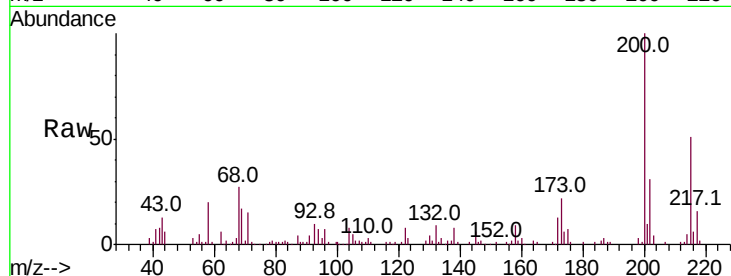




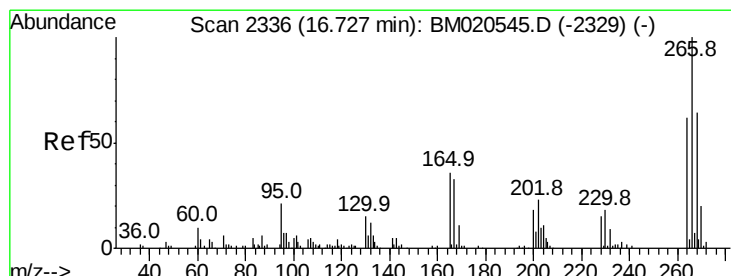
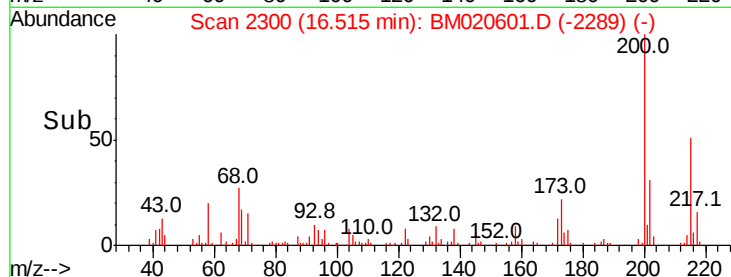
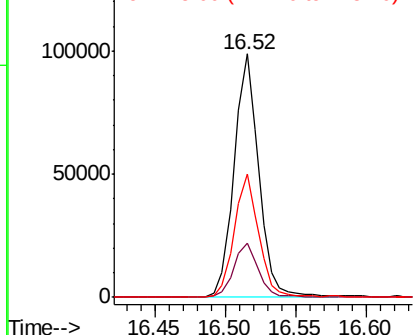
#69
Atrazine
Concen: 44.442 ng
RT: 16.52 min Scan# 2300
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleID :
PB119867BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	3.2	43.2
215	50.5	31.7	71.7

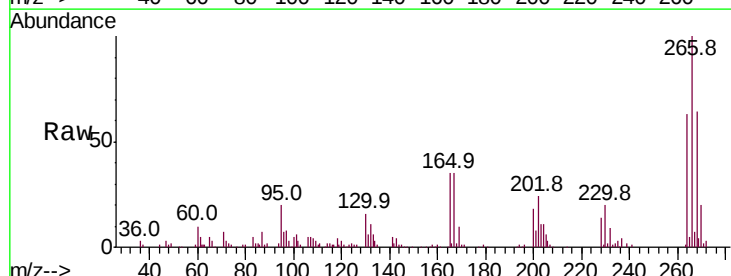


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

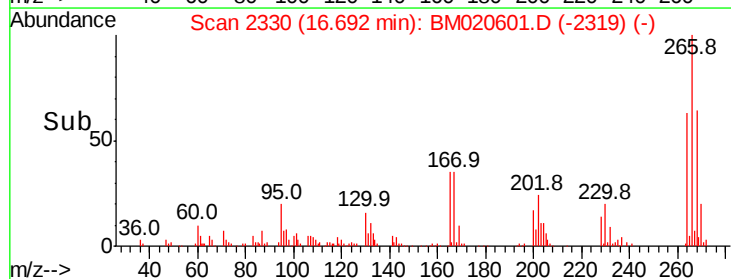
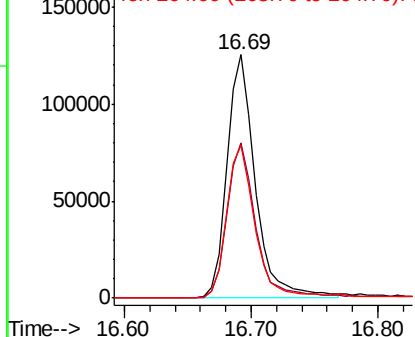


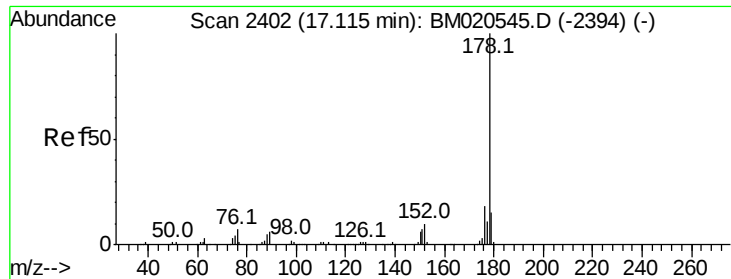
#70
Pentachlorophenol
Concen: 95.111 ng
RT: 16.69 min Scan# 2330
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.4
264	62.9	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

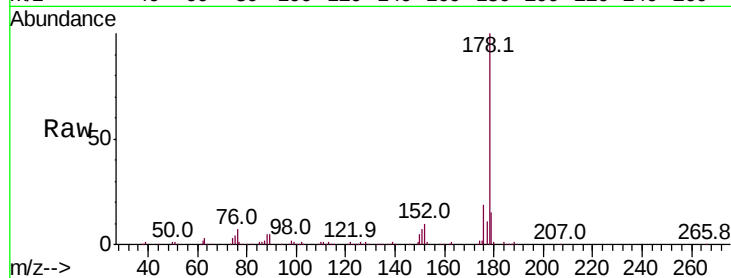




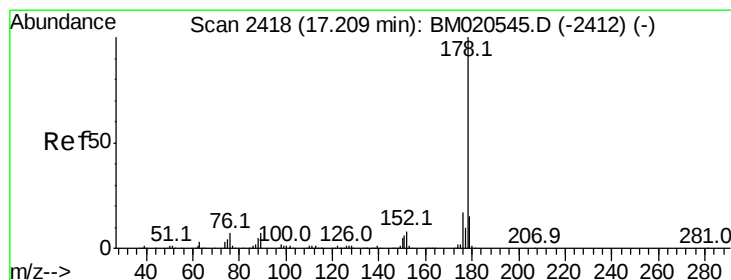
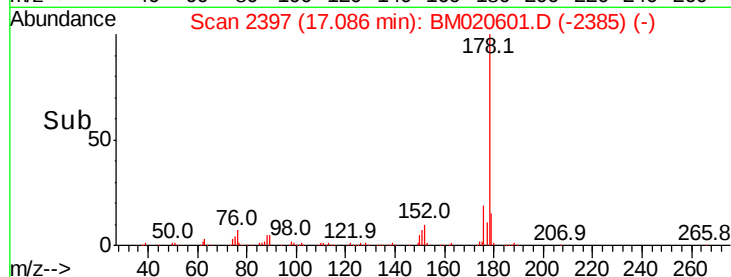
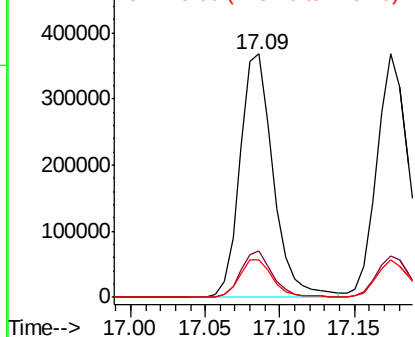
#71
Phenanthrene
Concen: 42.893 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:178 Resp: 568434
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.2 12.2 18.2

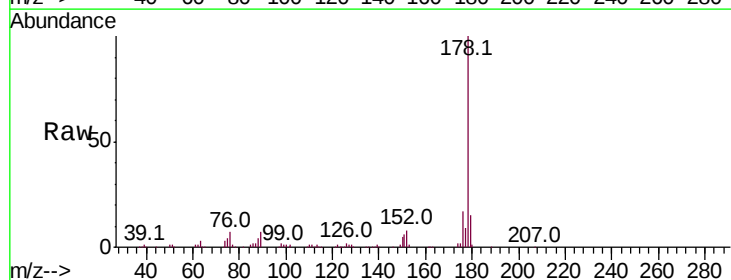


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

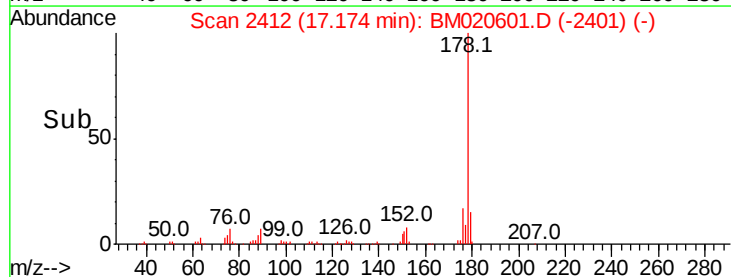
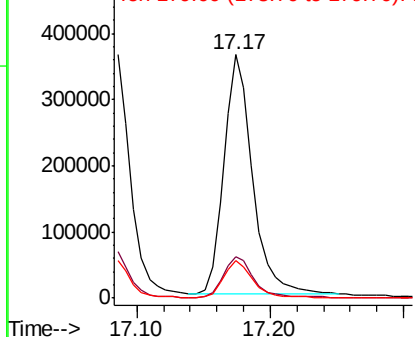


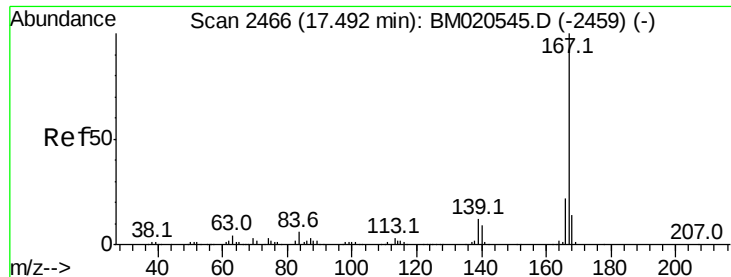
#72
Anthracene
Concen: 42.121 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:178 Resp: 541332
Ion Ratio Lower Upper
178 100
176 17.1 14.0 21.0
179 15.4 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

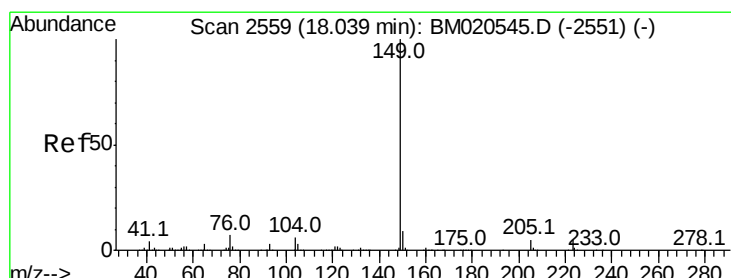
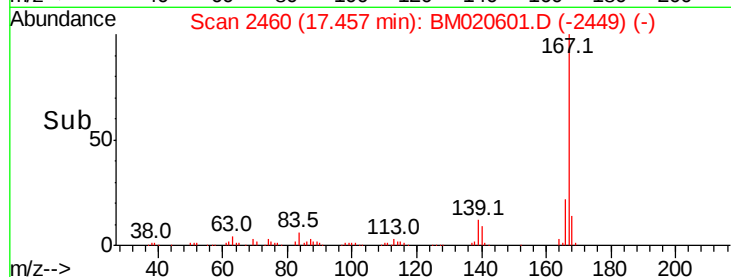
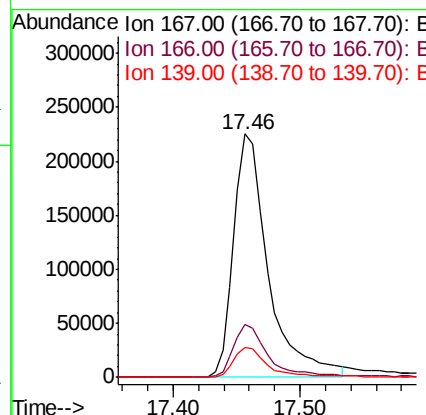
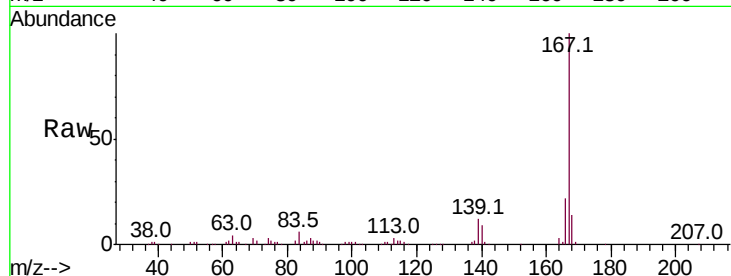




#73
 Carbazole
 Concen: 39.006 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

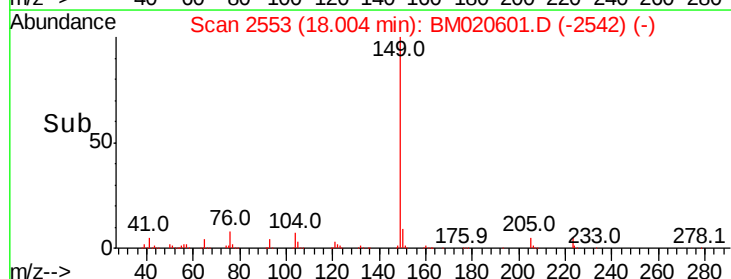
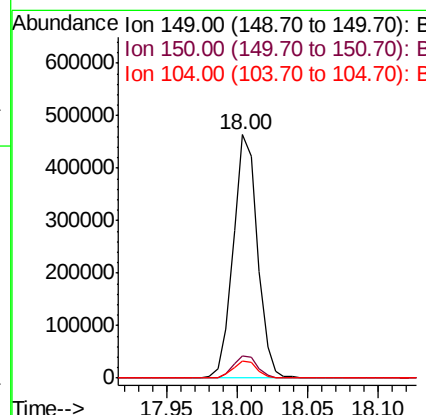
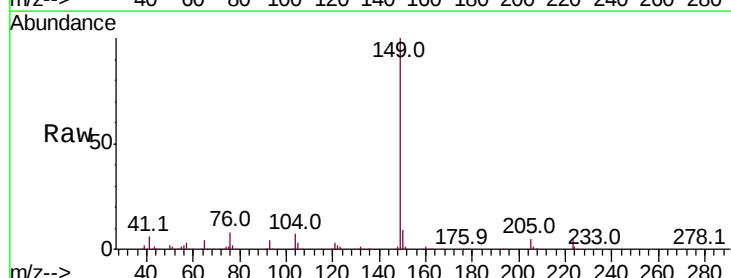
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

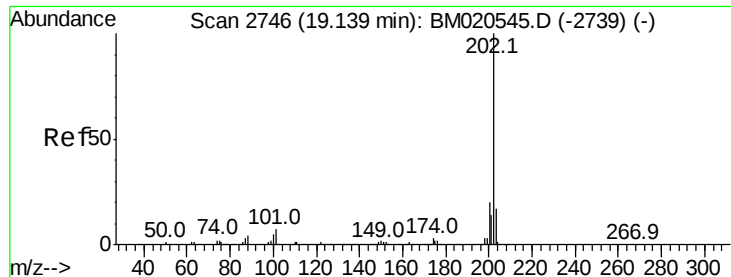
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	9.3	13.9



#74
 Di-n-butylphthalate
 Concen: 40.786 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.04 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 38.349 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

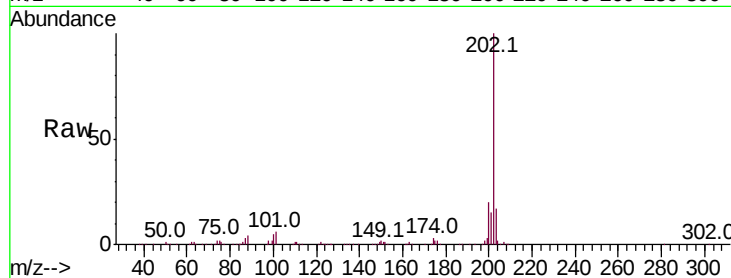
Tot Ion:202 Resp: 706736

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.7

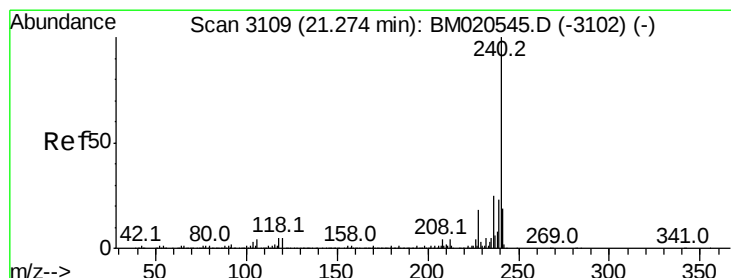
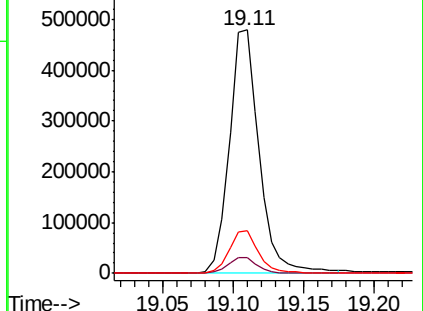
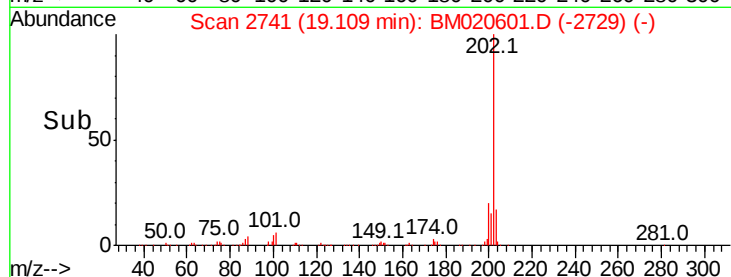
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

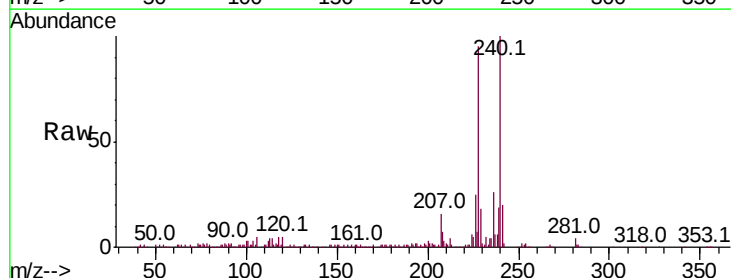
Tgt Ion:240 Resp: 260430

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

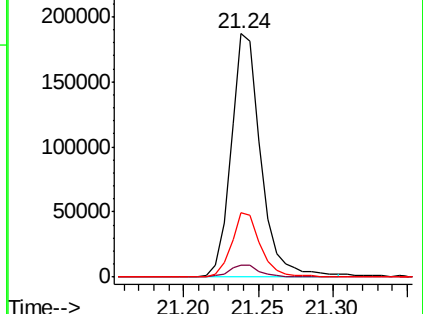
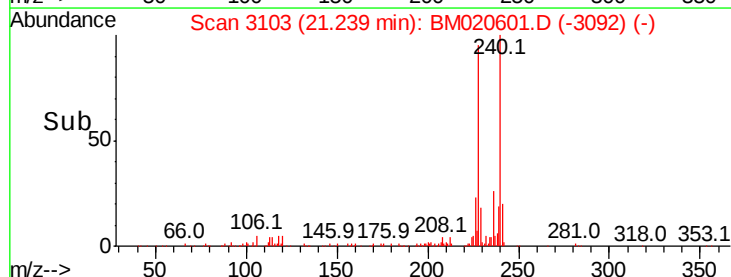
236 26.3 20.2 30.4

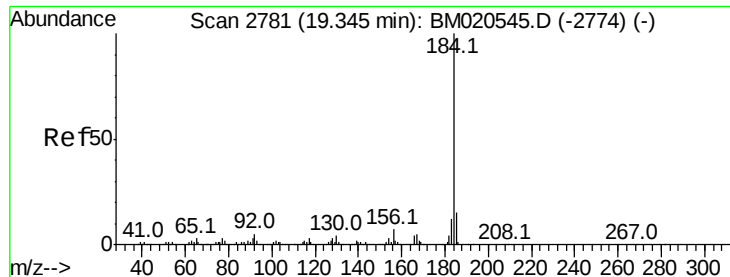


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.058 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.02 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

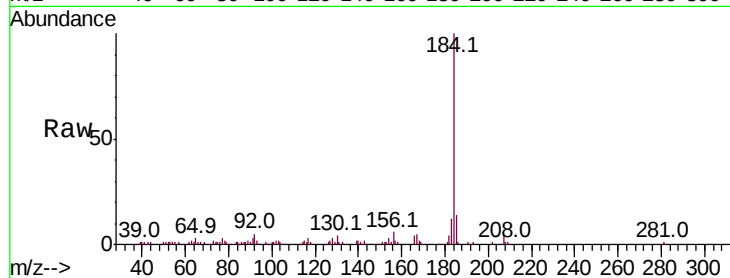
Tot Ion:184 Resp: 225221

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

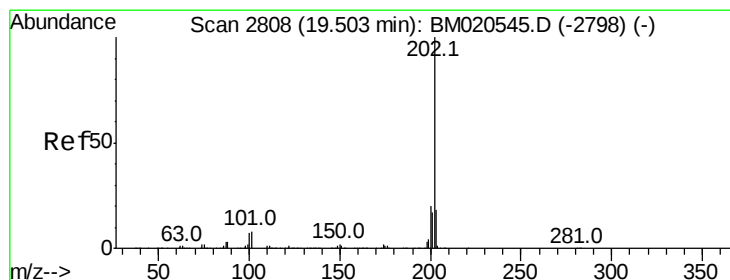
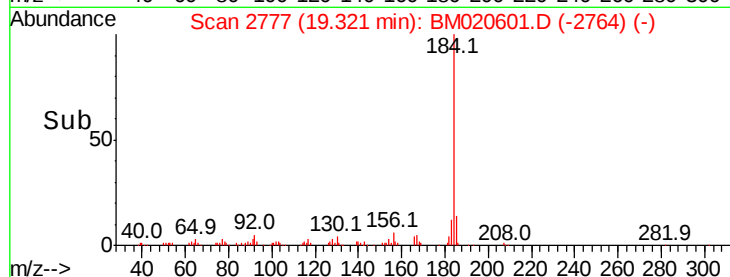
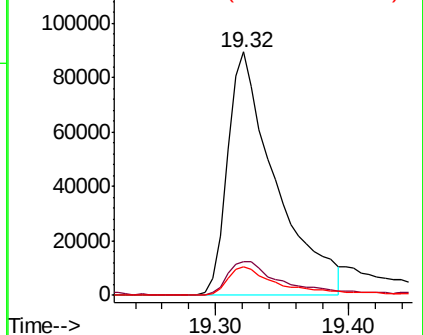
183 11.8 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.965 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

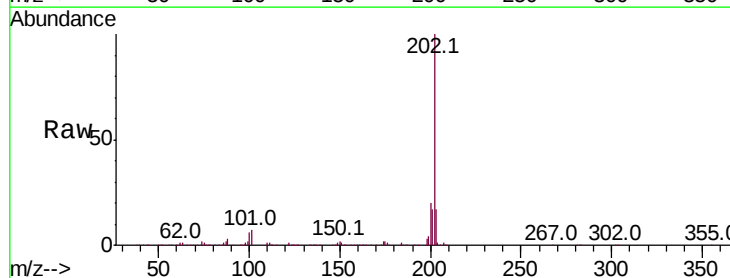
Tgt Ion:202 Resp: 718825

Ion Ratio Lower Upper

202 100

200 20.0 16.0 24.0

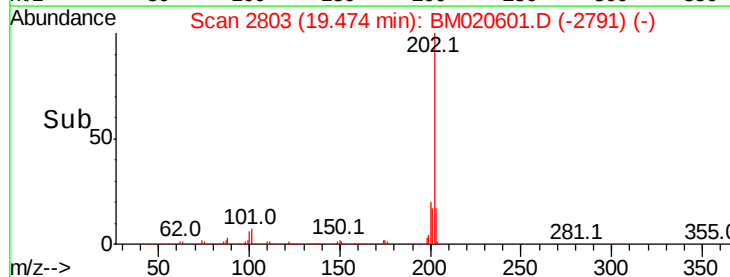
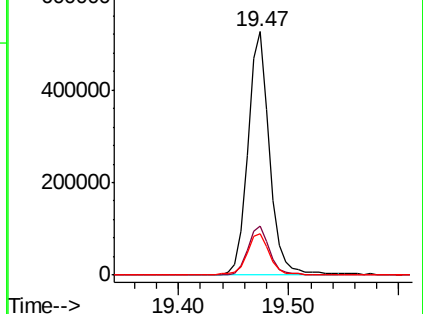
203 17.1 14.1 21.1

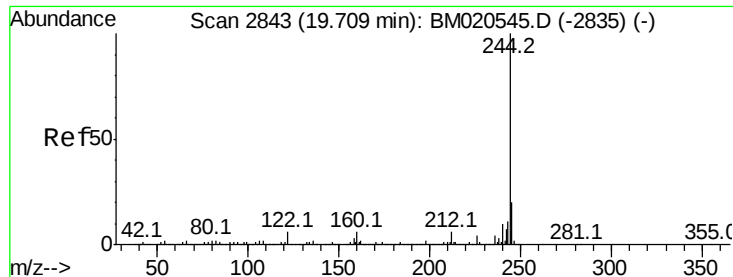


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.494 ng

RT: 19.68 min Scan# 2838

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

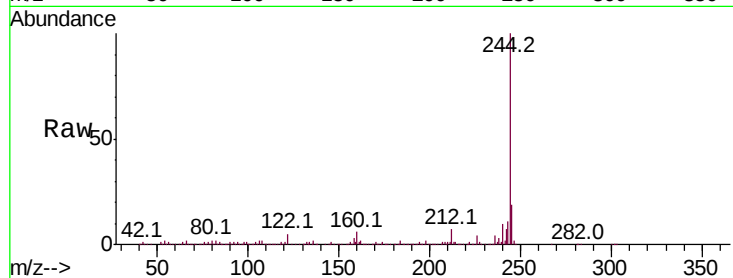
Tot Ion:244 Resp: 1361284

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.6

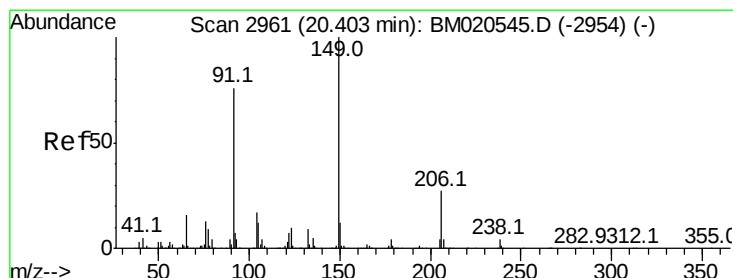
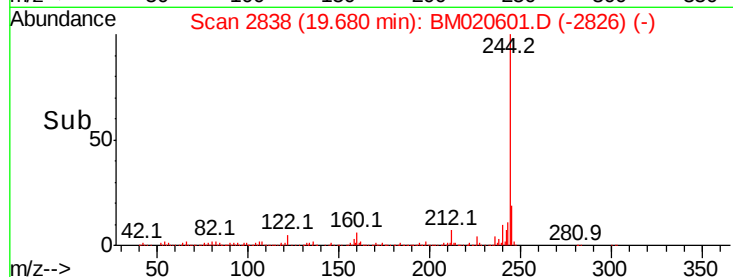
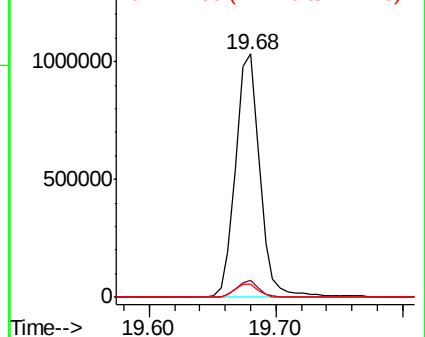
122 5.5 4.6 7.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.416 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

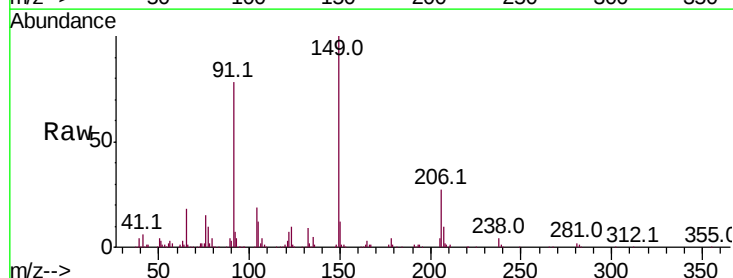
Tgt Ion:149 Resp: 226434

Ion Ratio Lower Upper

149 100

91 78.5 60.9 91.3

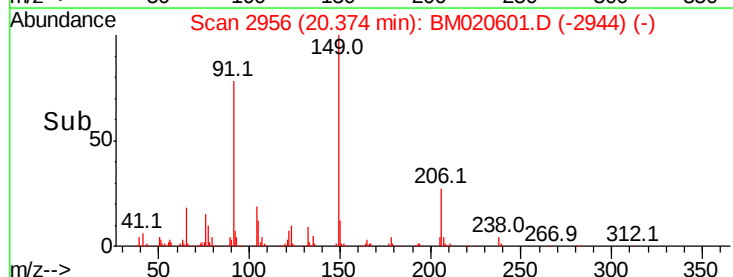
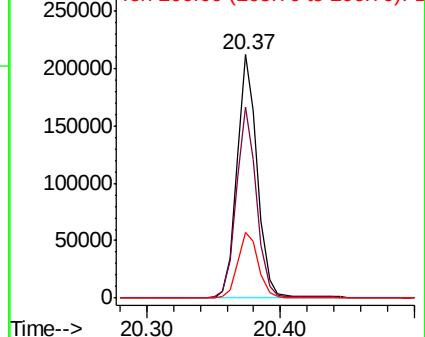
206 27.1 21.6 32.4

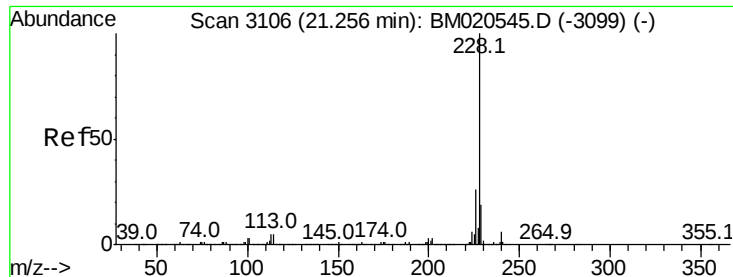


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

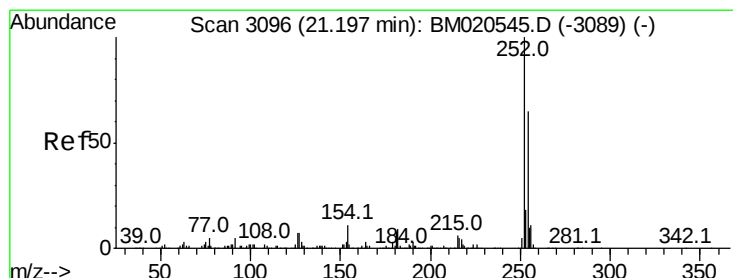
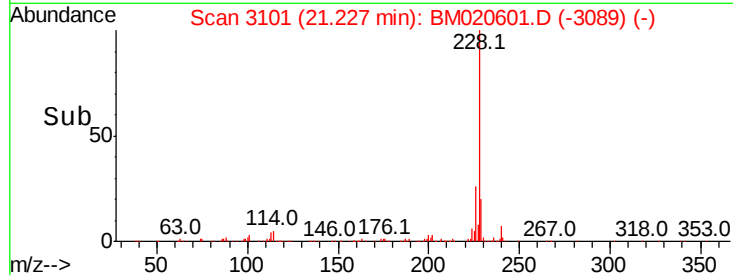
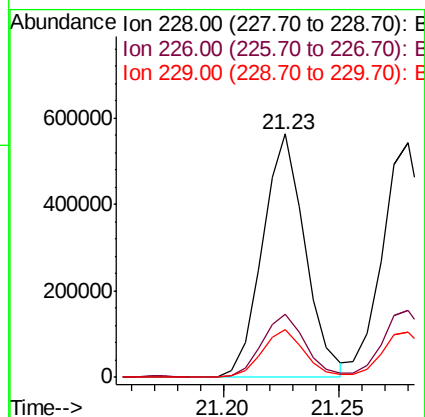
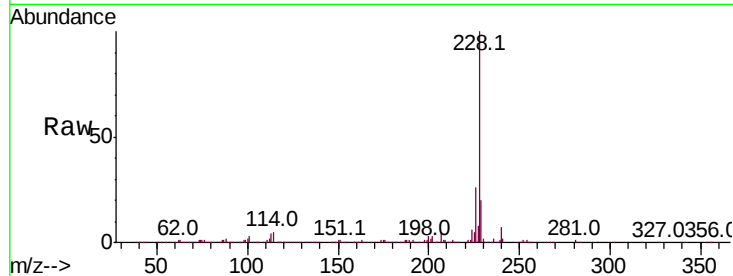




#81
Benzo(a)anthracene
Concen: 40.135 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

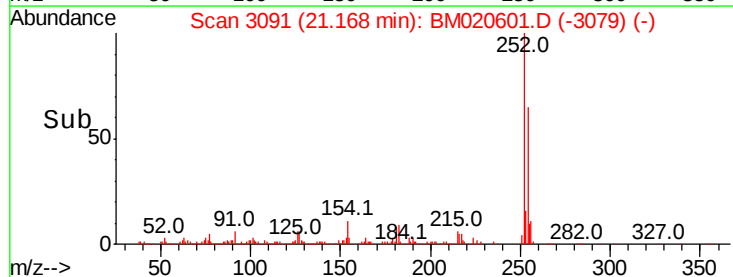
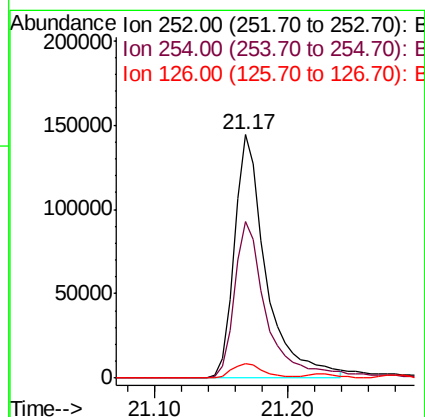
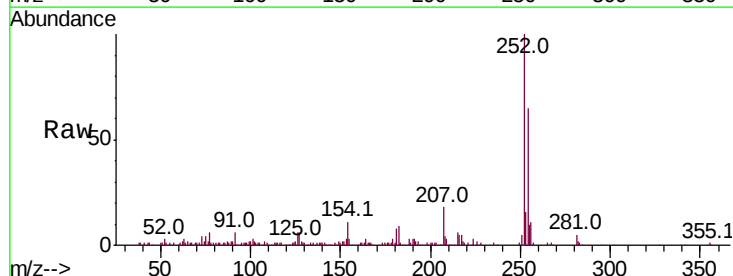
Instrument :
BNA_M
ClientSampleId :
PB119867BS

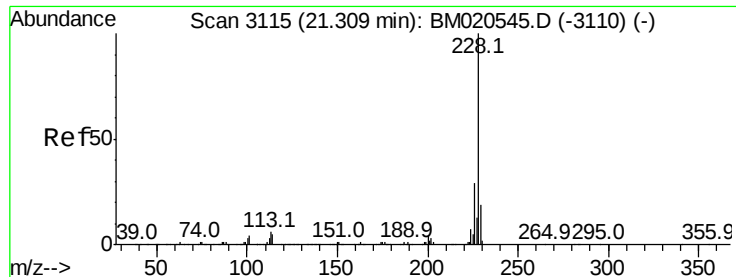
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.7	31.1
229	19.8	15.5	23.3



#82
3,3'-Dichlorobenzidine
Concen: 36.297 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.03 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	6.2	5.2	7.8





#83

Chrysene

Concen: 43.342 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

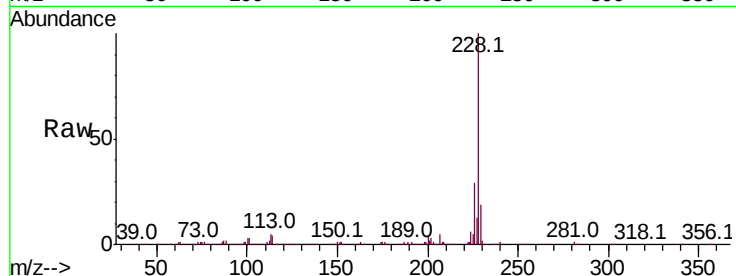
BNA_M

ClientSampleId :

PB119867BS

Tot Ion:228 Resp: 754880

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	19.4	15.4	23.2

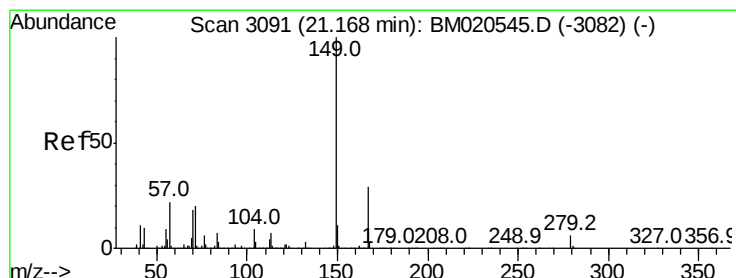
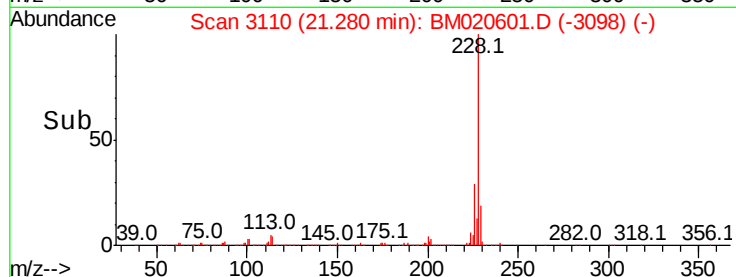
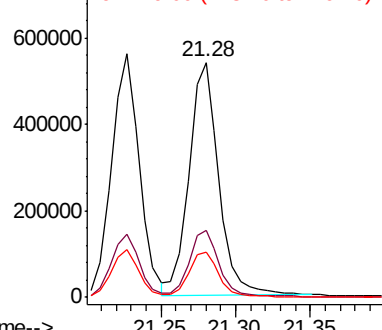


Abundance

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: 39.071 ng

RT: 21.14 min Scan# 3087

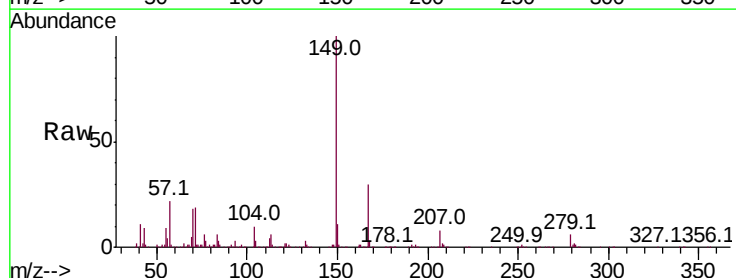
Delta R.T. -0.02 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:149 Resp: 327134

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.9	34.3
279	6.4	4.9	7.3

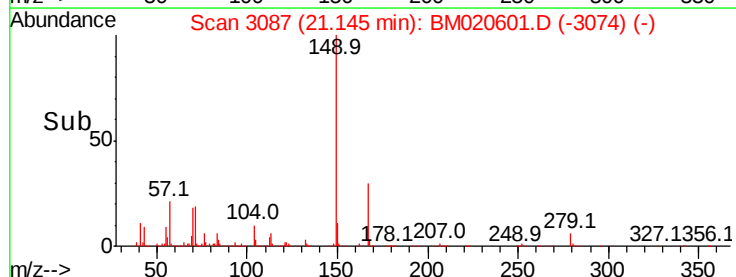
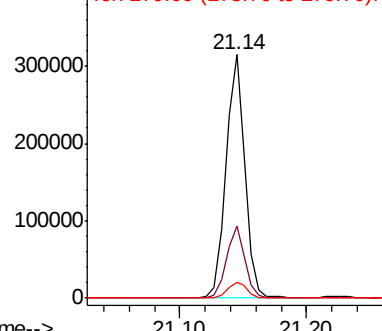


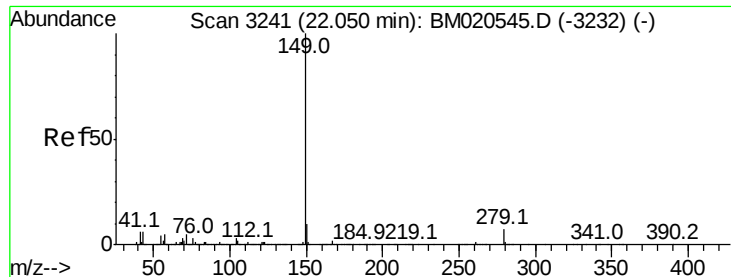
Abundance

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: 39.819 ng

RT: 22.02 min Scan# 3236

Delta R.T. -0.03 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

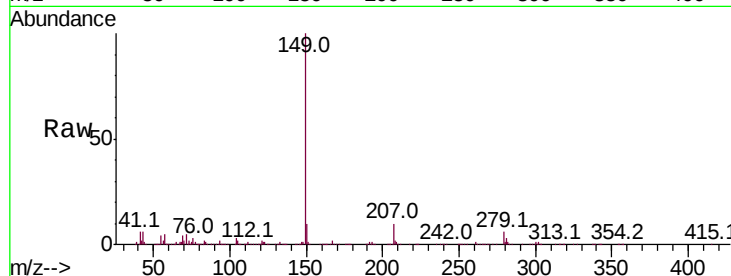
Tot Ion:149 Resp: 579598

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

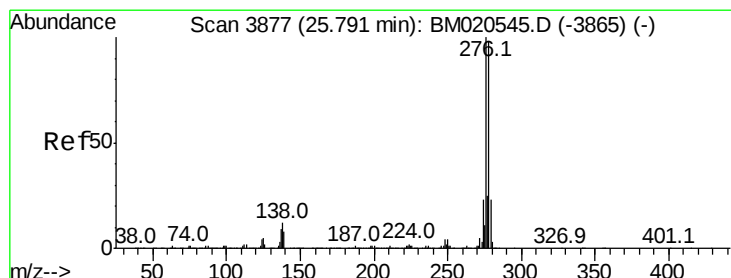
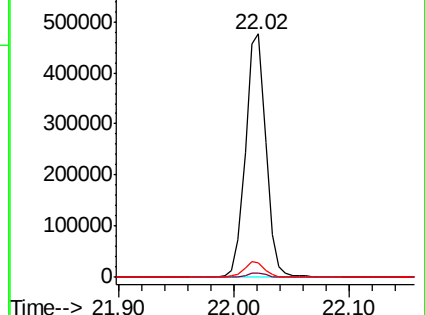
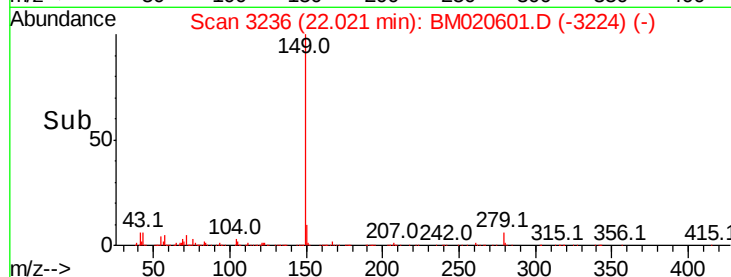
43 6.2 4.8 7.2



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: 49.733 ng

RT: 25.72 min Scan# 3865

Delta R.T. -0.07 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

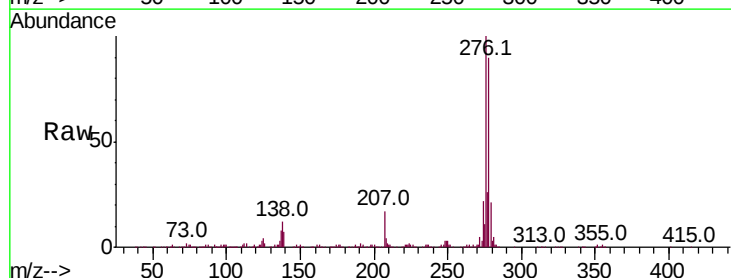
Tgt Ion:276 Resp: 1047314

Ion Ratio Lower Upper

276 100

138 11.2 9.7 14.5

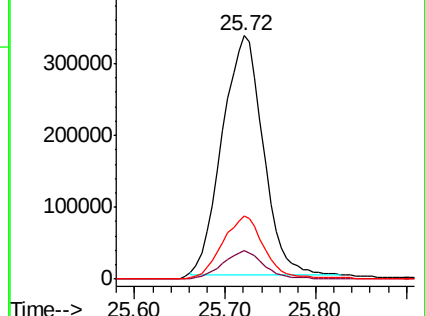
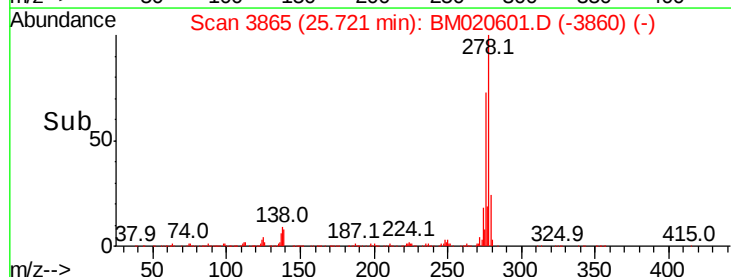
277 25.4 20.4 30.6

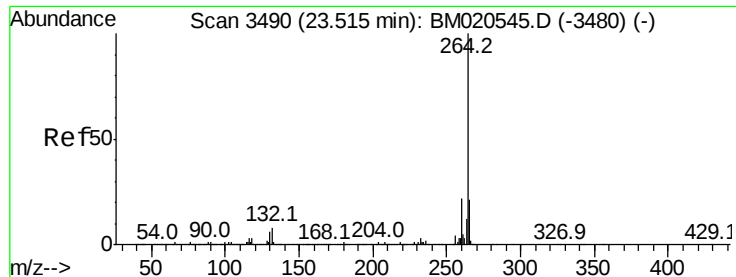


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.47 min Scan# 3482

Delta R.T. -0.05 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

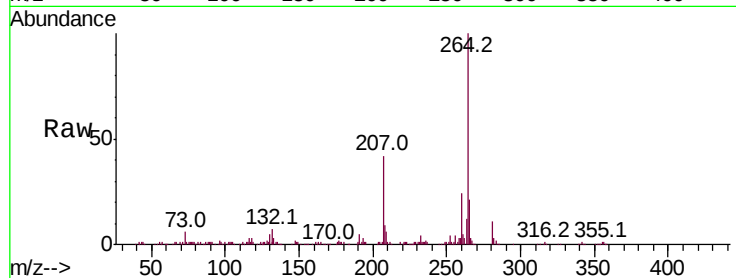
Tot Ion:264 Resp: 283818

Ion Ratio Lower Upper

264 100

260 23.7 17.7 26.5

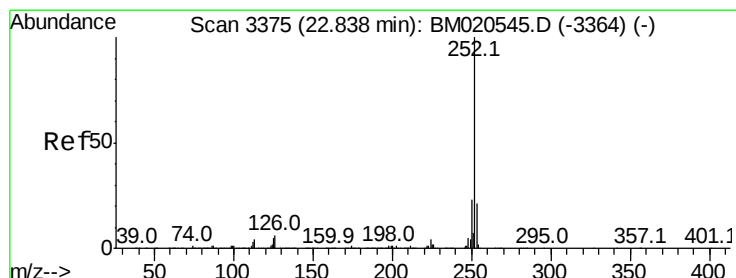
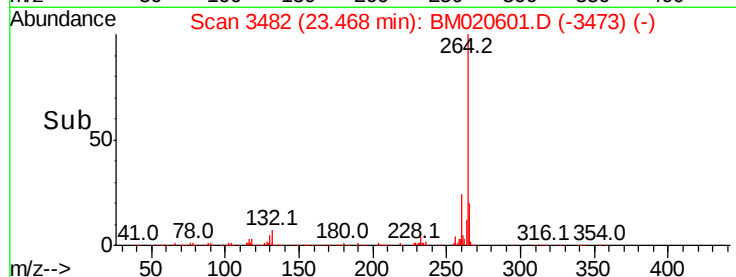
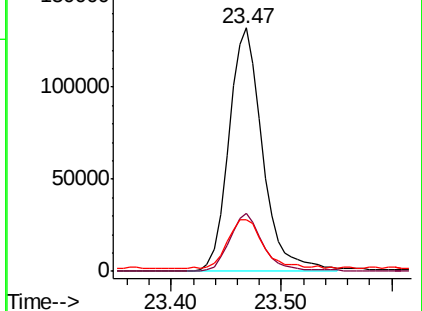
265 21.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.937 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

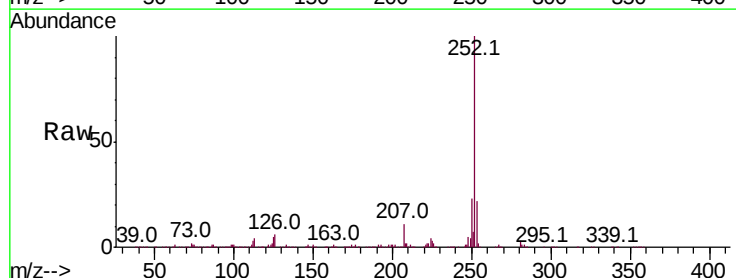
Tgt Ion:252 Resp: 871910

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

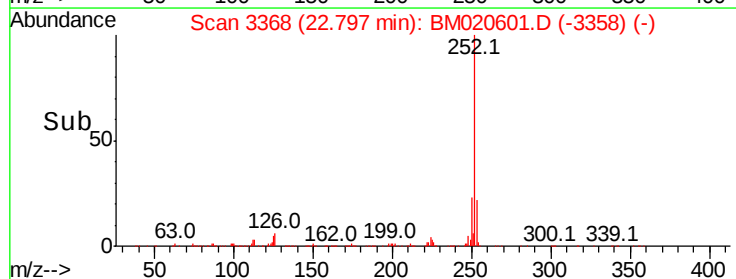
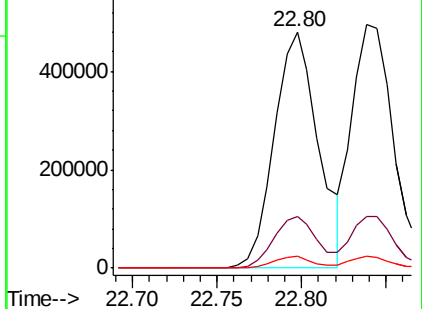
125 4.9 3.8 5.8

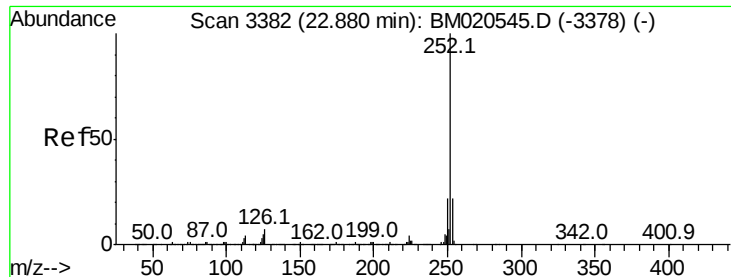


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

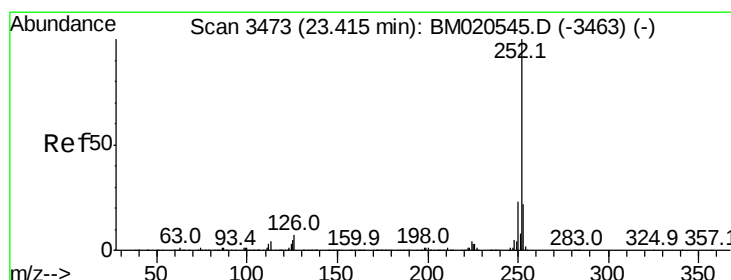
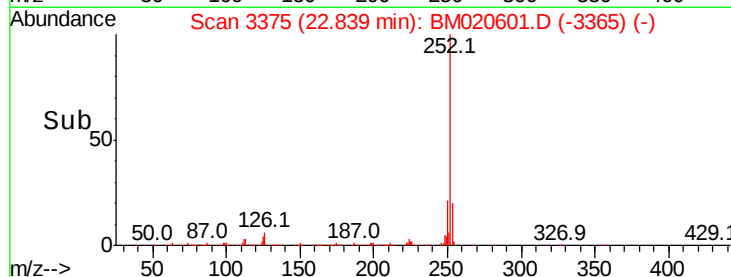
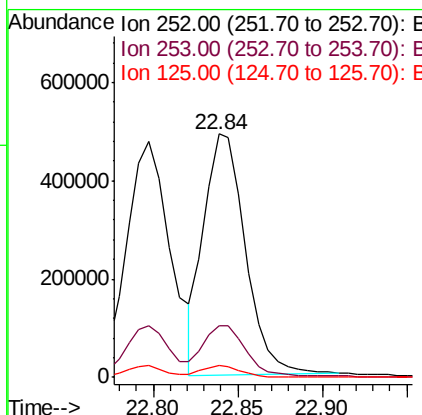
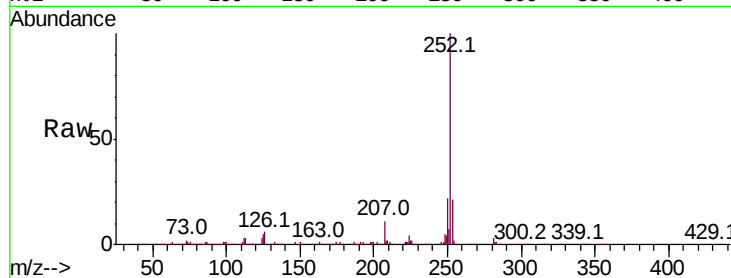




#89
Benzo(k)fluoranthene
Concen: 46.489 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

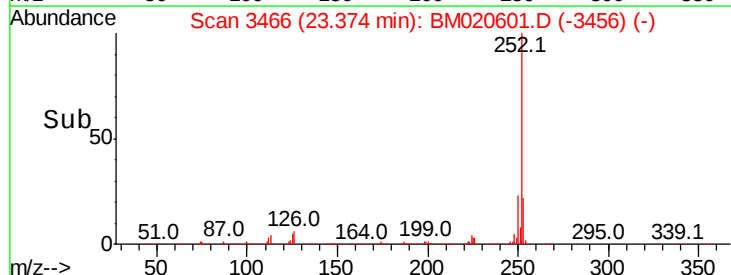
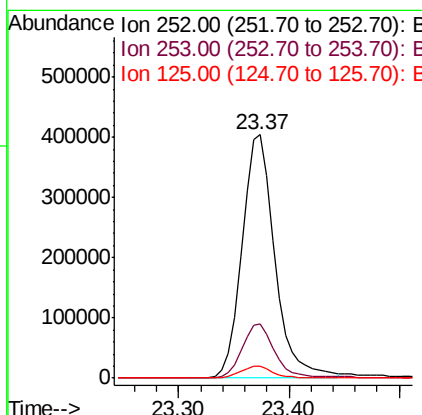
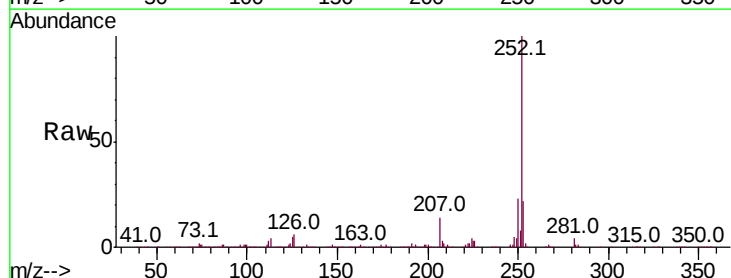
Instrument :
BNA_M
ClientSampleId :
PB119867BS

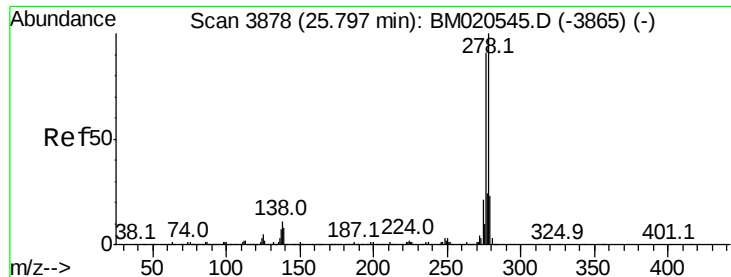
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	4.7	4.2	6.4



#90
Benzo(a)pyrene
Concen: 49.126 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	5.1	4.2	6.4





#91

Dibenzo(a,h)anthracene

Concen: 53.463 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.07 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

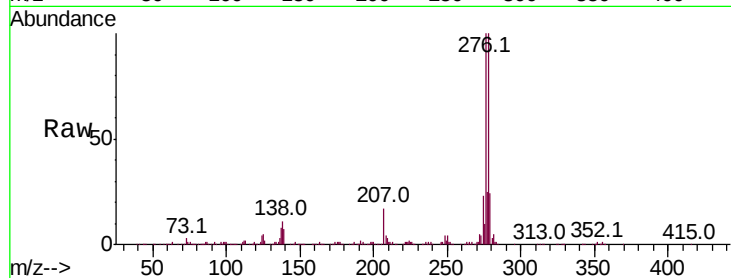
Tot Ion:278 Resp: 935507

Ion Ratio Lower Upper

278 100

139 7.5 6.3 9.5

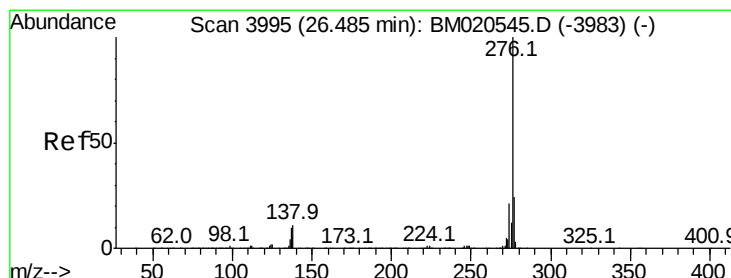
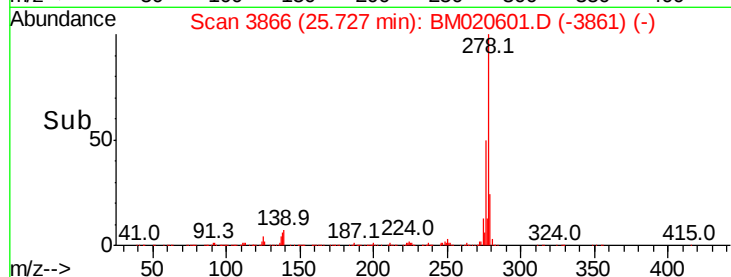
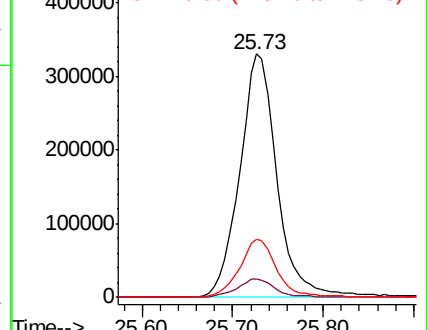
279 23.9 18.3 27.5



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: 54.515 ng

RT: 26.41 min Scan# 3982

Delta R.T. -0.08 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

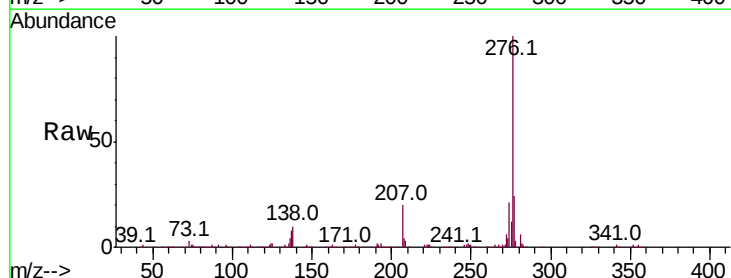
Tgt Ion:276 Resp: 884265

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 9.8 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

