

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020674.D
 Acq On : 03 Jun 2019 17:04
 Operator : HP/JU
 Sample : PB120243BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Quant Time: Jun 04 04:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	689134	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	2647751	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	1338232	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	2579086	20.00	ng	0.00
76) Chrysene-d12	21.39	240	2362877	20.00	ng	-0.01
87) Perylene-d12	23.68	264	2959762	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	5138441	131.16	ng	0.00
7) Phenol-d6	7.00	99	6646308	115.22	ng	0.01
23) Nitrobenzene-d5	8.99	82	3670876	71.83	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	2269576	136.88	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	7784878	77.34	ng	0.00
79) Terphenyl-d14	19.83	244	8139404	57.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	215852	13.457	ng	97
3) Pyridine	3.75	79	588990	11.542	ng	99
4) n-Nitrosodimethylamine	3.66	42	253098	11.505	ng	95
6) Aniline	7.17	93	672634	8.059	ng	99
8) 2-Chlorophenol	7.40	128	578865	11.877	ng	98
9) Benzaldehyde	6.97	77	212575	2.834	ng	97
10) Phenol	7.03	94	696920	11.211	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	545826	11.017	ng	99
12) 1,3-Dichlorobenzene	7.72	146	651376	11.629	ng	99
13) 1,4-Dichlorobenzene	7.86	146	662140	11.628	ng	98
14) 1,2-Dichlorobenzene	8.18	146	626473	11.305	ng	99
15) Benzyl Alcohol	8.07	79	510804	10.009	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	758008	9.910	ng	99
17) 2-Methylphenol	8.26	107	460724	10.540	ng	98
18) Hexachloroethane	8.90	117	242830	11.138	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	444250	9.581	ng	97
20) 3+4-Methylphenols	8.59	107	603839	10.153	ng	99
22) Acetophenone	8.65	105	832909	12.383	ng	# 97
24) Nitrobenzene	9.03	77	663161	12.712	ng	99
25) Isophorone	9.55	82	1130900	11.125	ng	100
26) 2-Nitrophenol	9.73	139	258915	13.316	ng	100
27) 2,4-Dimethylphenol	9.79	122	483794	13.279	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	687157	11.180	ng	99
29) 2,4-Dichlorophenol	10.26	162	483625	11.998	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	576838	12.445	ng	100
31) Naphthalene	10.67	128	1702128	12.501	ng	100
32) Benzoic acid	9.90	122	226962	13.973	ng	97
33) 4-Chloroaniline	10.78	127	262533	4.143	ng	98
34) Hexachlorobutadiene	10.95	225	331569	11.922	ng	99
35) Caprolactam	11.56	113	132419	9.456	ng	97
36) 4-Chloro-3-methylphenol	11.90	107	493659	10.533	ng	97
37) 2-Methylnaphthalene	12.28	142	1196217	11.853	ng	99
38) 1-Methylnaphthalene	12.50	142	1114984	11.603	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	582785	13.289	ng	99

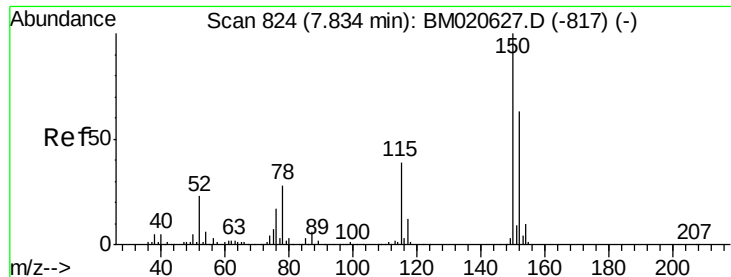
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020674.D
 Acq On : 03 Jun 2019 17:04
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	690155	26.313	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	340632	12.067	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	364446	12.505	ng	97
46) 1,1'-Biphenyl	13.30	154	1446579	12.943	ng	99
47) 2-Chloronaphthalene	13.34	162	1109477	12.300	ng	99
48) 2-Nitroaniline	13.55	65	297558	10.510	ng	93
49) Acenaphthylene	14.19	152	1709837	12.148	ng	99
50) Dimethylphthalate	13.93	163	1247884	10.915	ng	100
51) 2,6-Dinitrotoluene	14.05	165	256221	11.037	ng	96
52) Acenaphthene	14.53	154	1007338	12.010	ng	99
53) 3-Nitroaniline	14.37	138	160137	6.180	ng	93
54) 2,4-Dinitrophenol	14.57	184	197159	25.209	ng	97
55) Dibenzofuran	14.86	168	1543090	11.845	ng	98
56) 4-Nitrophenol	14.67	139	425916	22.305	ng	95
57) 2,4-Dinitrotoluene	14.83	165	341017	10.971	ng	96
58) Fluorene	15.51	166	1218266	11.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	295445	11.634	ng	100
60) Diethylphthalate	15.29	149	1217033	10.321	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	608438	10.727	ng	98
62) 4-Nitroaniline	15.53	138	251188	9.140	ng	96
63) Azobenzene	15.80	77	1214110	10.740	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	119179	17.090	ng	95
66) n-Nitrosodiphenylamine	15.73	169	1007530	12.203	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	346590	11.414	ng	98
68) Hexachlorobenzene	16.50	284	398142	11.228	ng	98
69) Atrazine	16.67	200	300922	12.212	ng	99
70) Pentachlorophenol	16.85	266	428839	25.351	ng	99
71) Phenanthrene	17.25	178	1712907	11.717	ng	99
72) Anthracene	17.34	178	1744388	11.922	ng	99
73) Carbazole	17.61	167	1495605	11.264	ng	100
74) Di-n-butylphthalate	18.18	149	1767855	10.257	ng	100
75) Fluoranthene	19.26	202	1797394	11.056	ng	100
77) Benzidine	19.45	184	720727	10.066	ng	98
78) Pyrene	19.63	202	1847100	10.187	ng	99
80) Butylbenzylphthalate	20.53	149	714626	9.326	ng	99
81) Benzo(a)anthracene	21.37	228	1764878	10.726	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	550272	9.132	ng	100
83) Chrysene	21.42	228	1759883	11.251	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1031124	9.259	ng	98
85) Di-n-octyl phthalate	22.20	149	1762641	9.969	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2589175	16.181	ng	100
88) Benzo(b)fluoranthene	22.99	252	1997302	10.210	ng	100
89) Benzo(k)fluoranthene	23.03	252	1944287	10.170	ng	99
90) Benzo(a)pyrene	23.58	252	1983073	11.176	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2169836	12.605	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2120203	13.260	ng	100

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

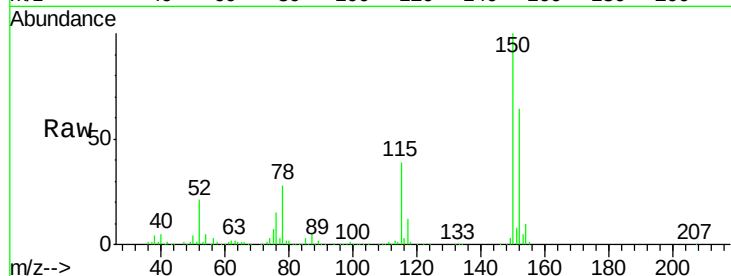


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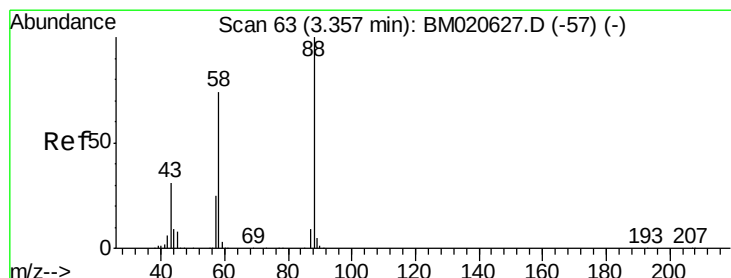
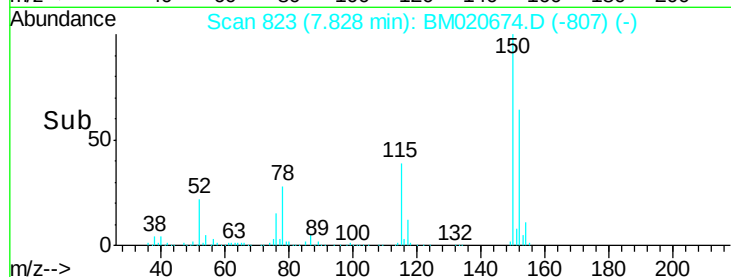
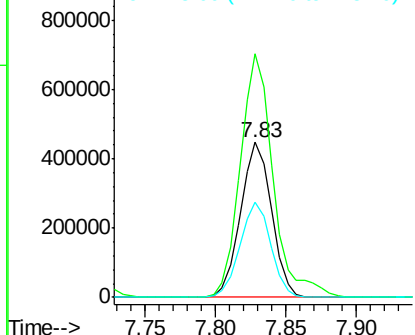
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:152 Resp: 689134
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 61.2 49.6 74.4



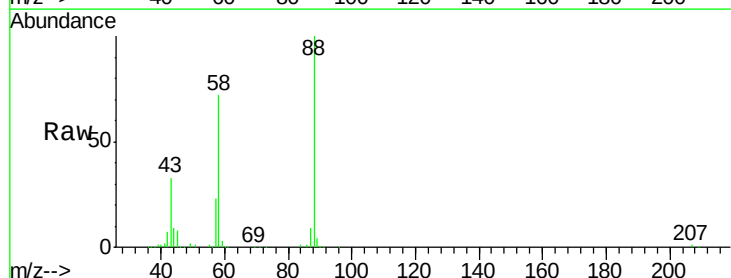
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



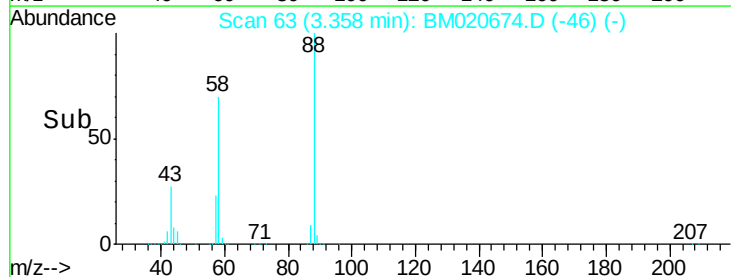
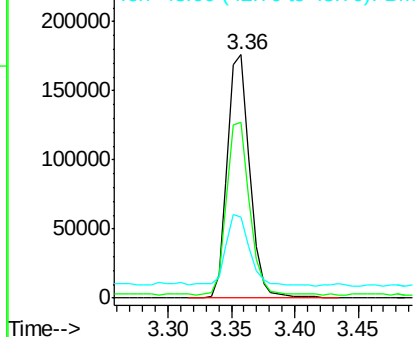
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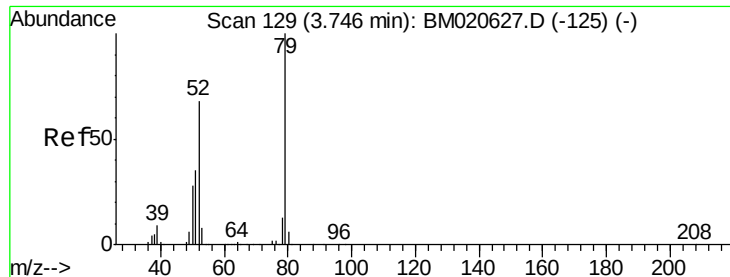
1,4-Dioxane
Concen: 13.457 ng
RT: 3.36 min Scan# 63
Delta R.T. 0.00 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion: 88 Resp: 215852
Ion Ratio Lower Upper
88 100
58 72.1 60.2 90.4
43 30.2 25.3 37.9



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: 11.542 ng

RT: 3.75 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

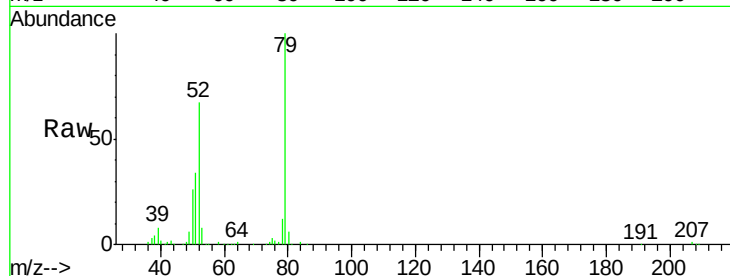
Tot Ion: 79 Resp: 588990

Ion Ratio Lower Upper

79 100

52 67.4 54.1 81.1

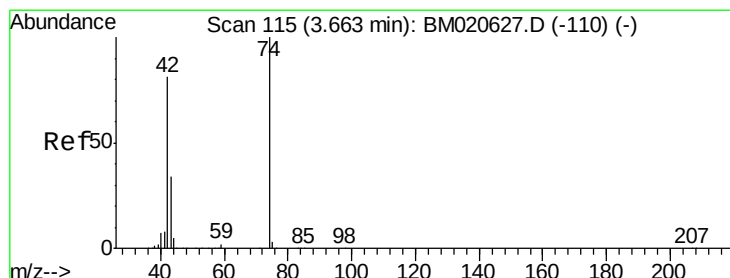
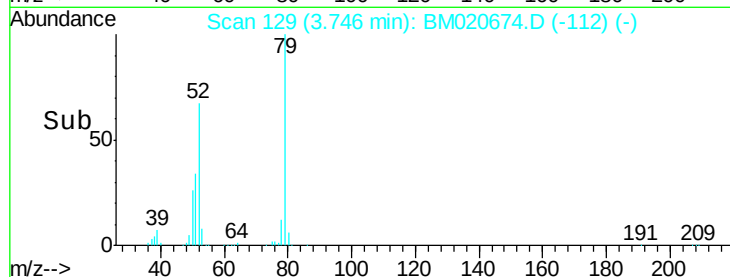
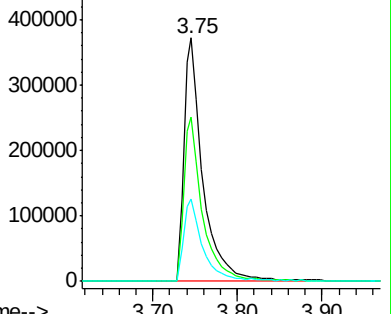
51 33.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020674.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020674.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020674.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 11.505 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

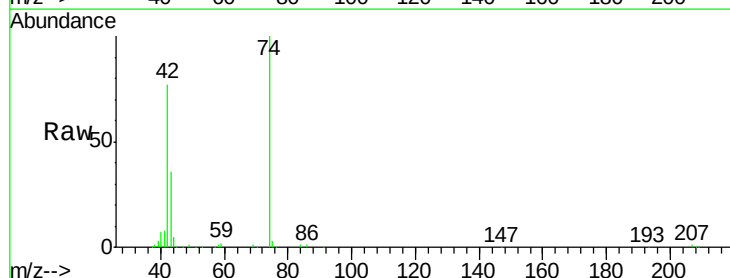
Tgt Ion: 42 Resp: 253098

Ion Ratio Lower Upper

42 100

74 130.6 99.4 149.0

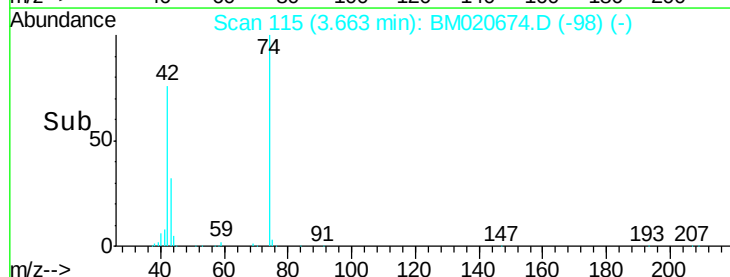
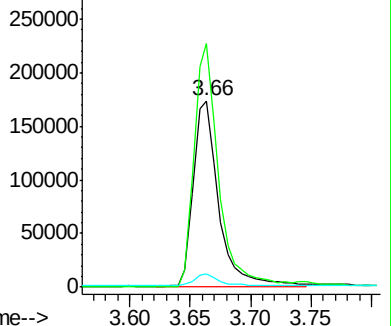
44 7.0 5.8 8.8

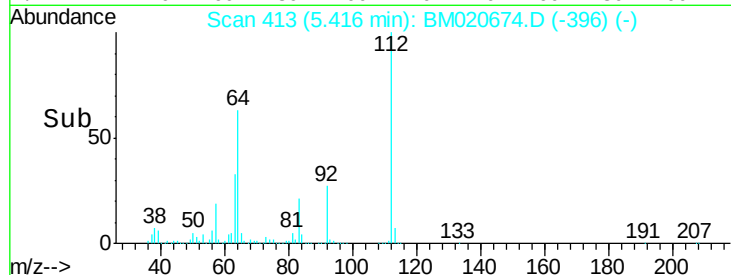
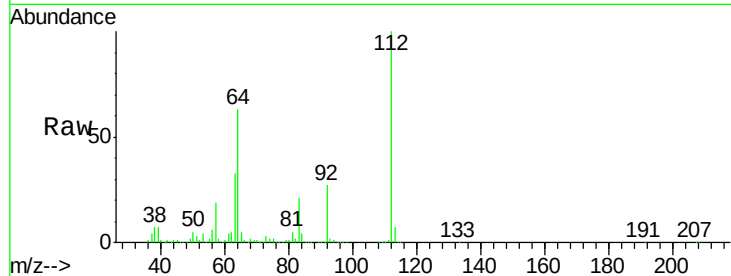
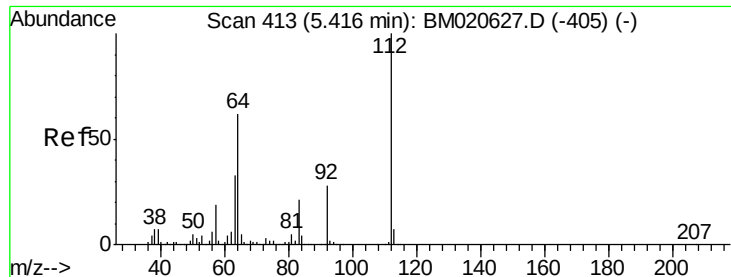


Abundance Ion 42.00 (41.70 to 42.70): BM020674.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020674.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020674.D (-110) (-)





#5

2-Fluorophenol

Concen: 131.163 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

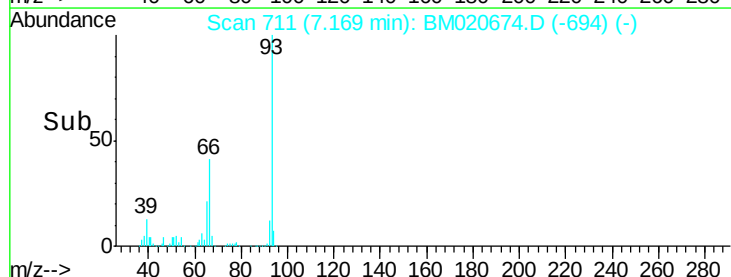
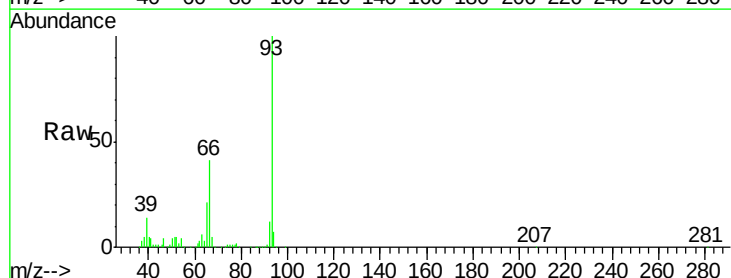
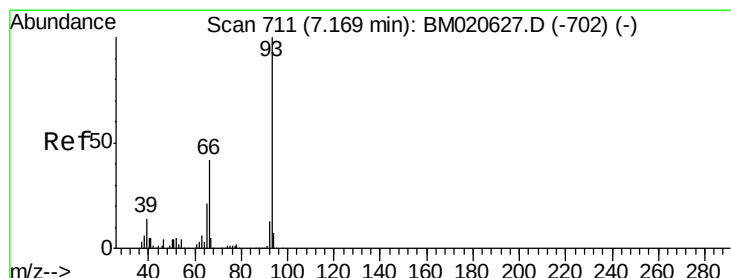
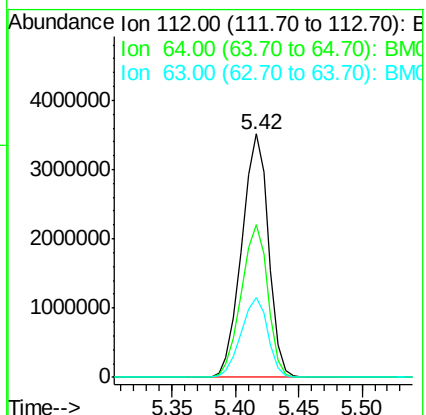
Tot Ion:112 Resp: 5138441

Ion Ratio Lower Upper

112 100

64 62.6 49.7 74.5

63 32.6 26.4 39.6



#6

Aniline

Concen: 8.059 ng

RT: 7.17 min Scan# 711

Delta R.T. 0.00 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

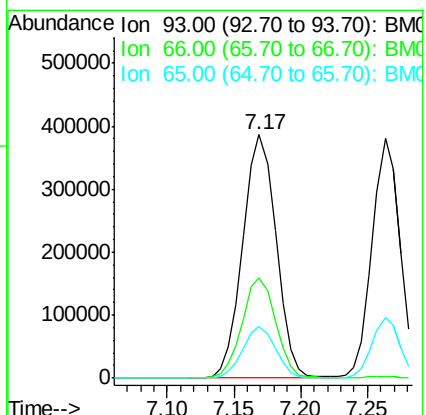
Tgt Ion: 93 Resp: 672634

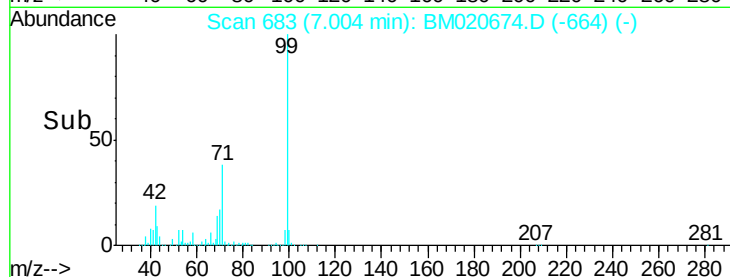
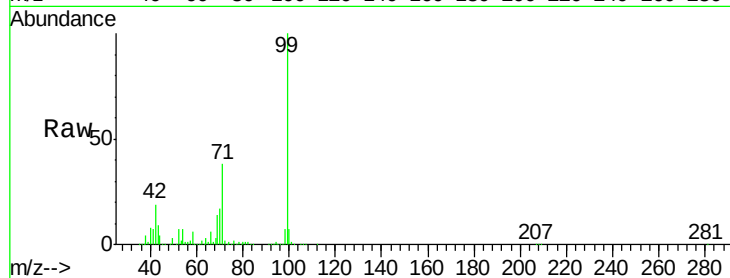
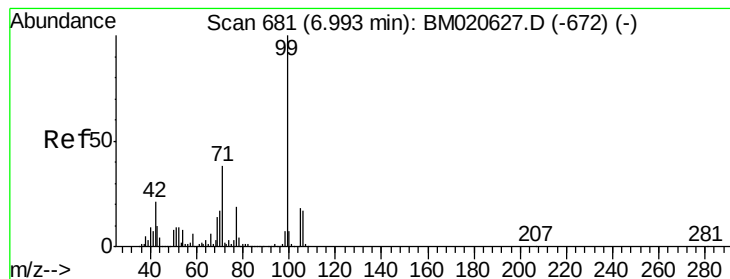
Ion Ratio Lower Upper

93 100

66 41.3 33.6 50.4

65 21.0 16.7 25.1





#7

Phenol-d6

Concen: 115.216 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

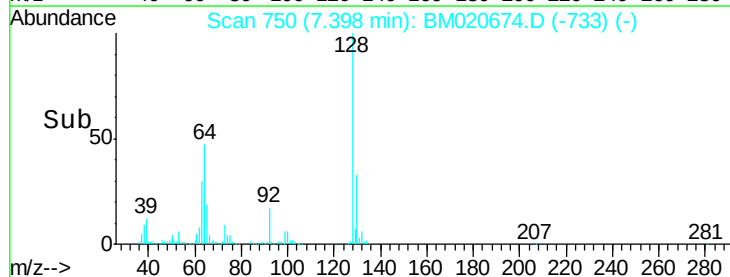
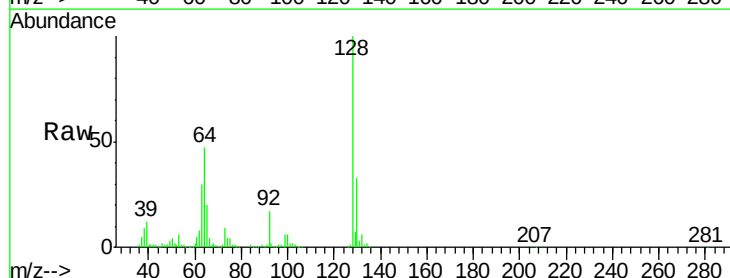
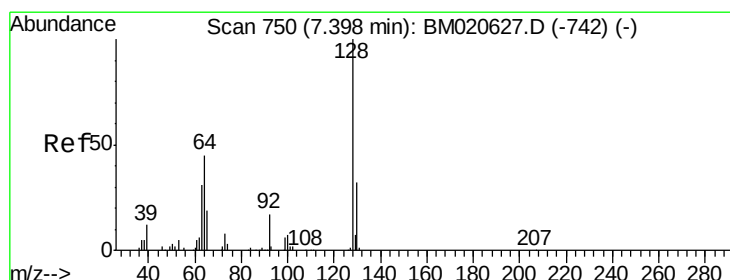
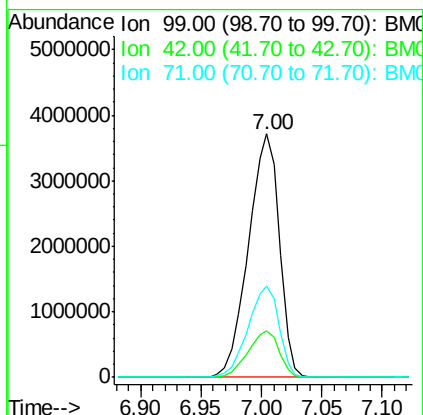
BNA_M

ClientSampleId :

PB120243BS

Tot Ion: 99 Resp: 6646308

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	37.7	30.7	46.1



#8

2-Chlorophenol

Concen: 11.877 ng

RT: 7.40 min Scan# 750

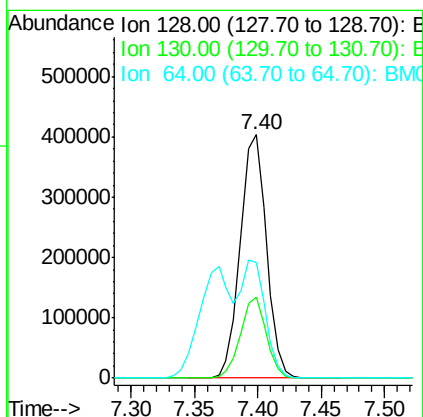
Delta R.T. 0.00 min

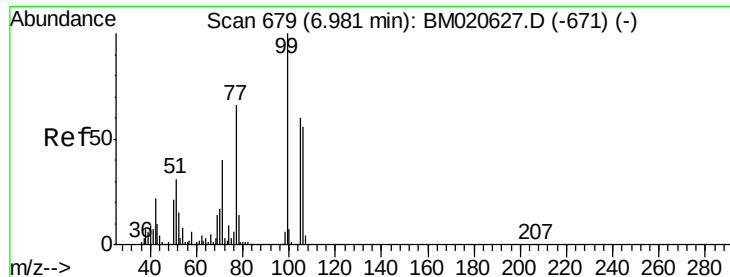
Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion: 128 Resp: 578865

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.2	52.2
64	47.4	29.1	69.1





#9

Benzaldehyde

Concen: 2.834 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

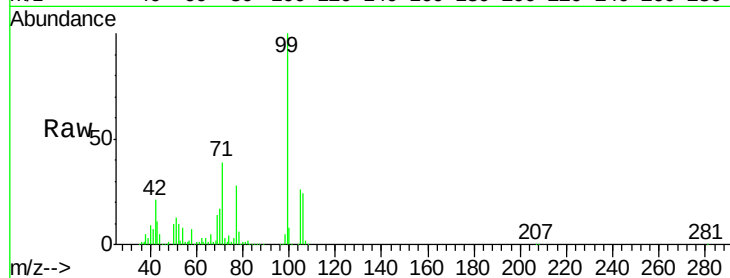
Tot Ion: 77 Resp: 212575

Ion Ratio Lower Upper

77 100

105 93.5 70.6 110.6

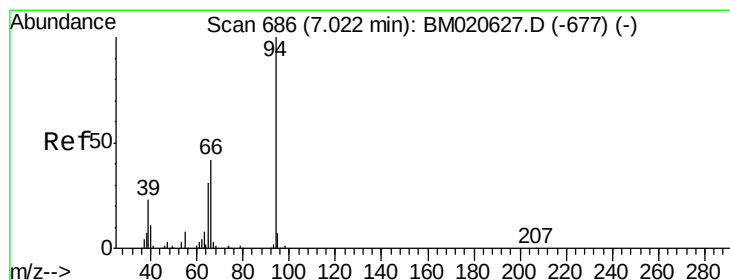
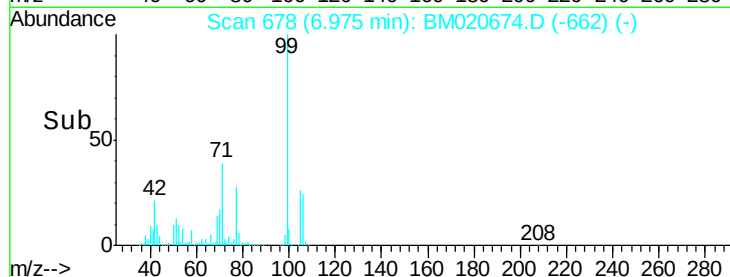
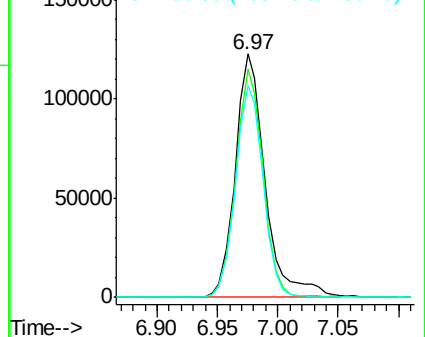
106 86.9 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020674.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020674.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020674.D (-662) (-)



#10

Phenol

Concen: 11.211 ng

RT: 7.03 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

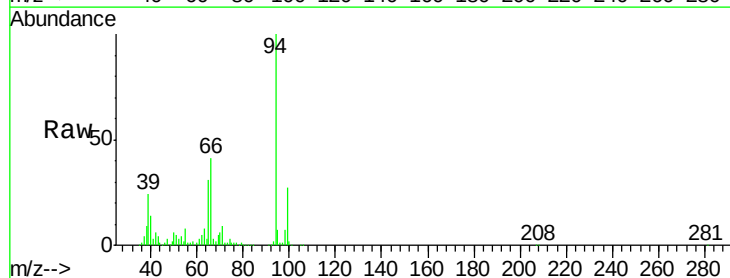
Tgt Ion: 94 Resp: 696920

Ion Ratio Lower Upper

94 100

65 30.6 10.7 50.7

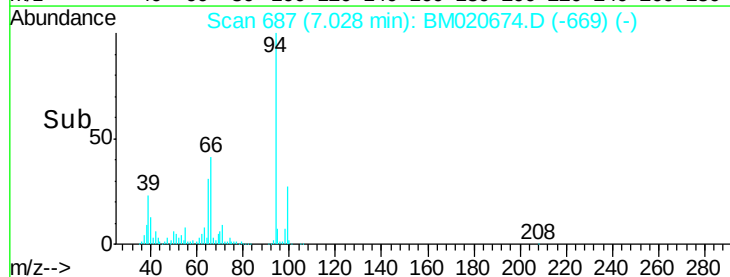
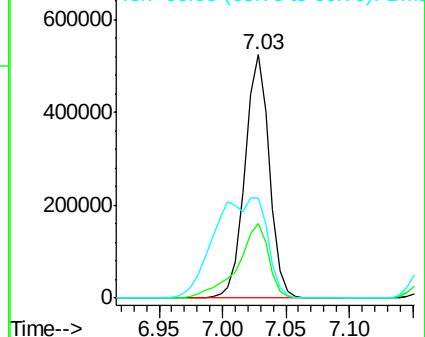
66 41.3 22.3 62.3

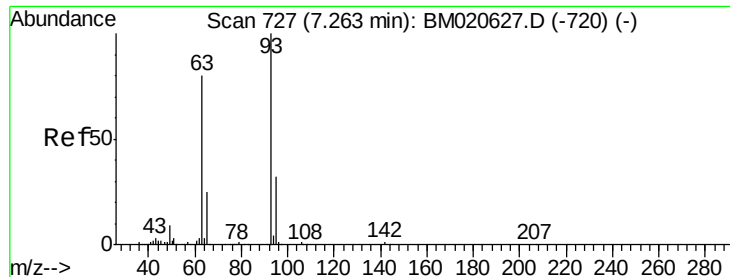


Abundance Ion 94.00 (93.70 to 94.70): BM020674.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020674.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020674.D (-669) (-)

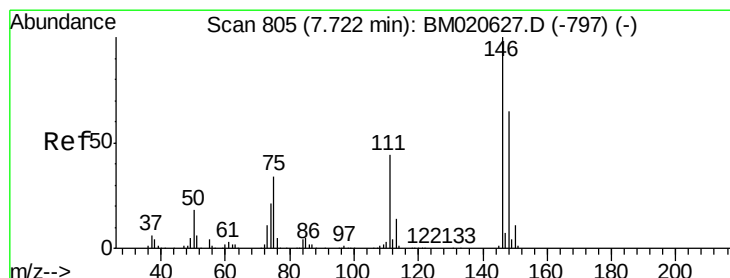
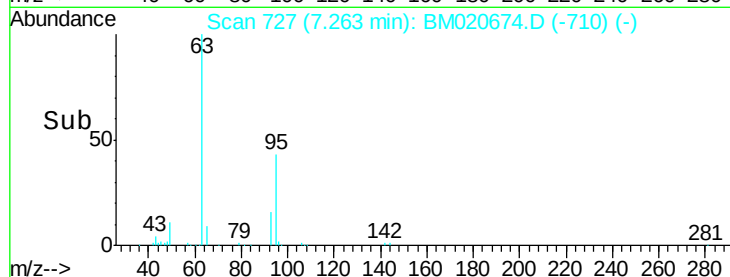
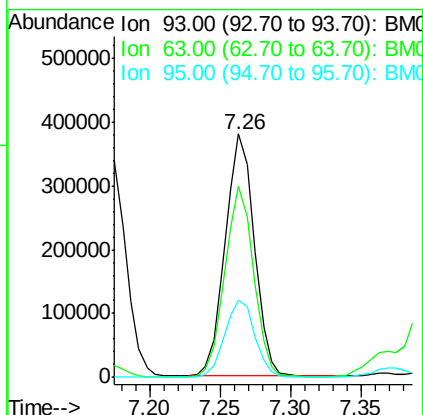
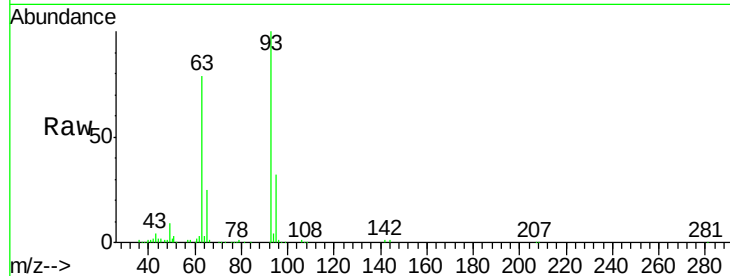




#11
bis(2-Chloroethyl)ether
Concen: 11.017 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

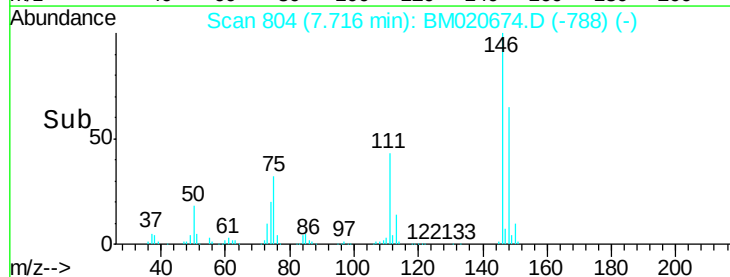
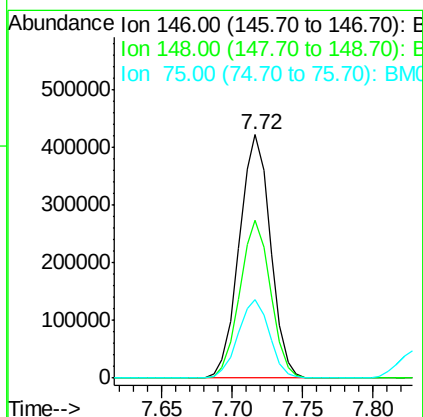
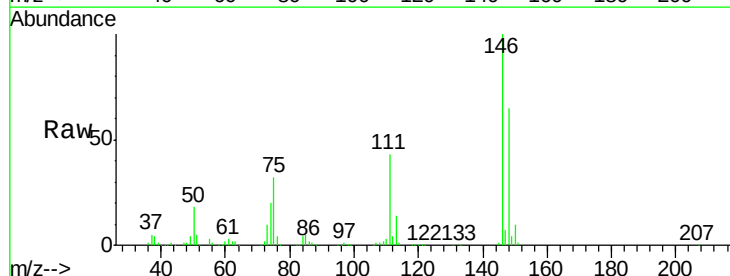
Instrument :
BNA_M
ClientSampleId :
PB120243BS

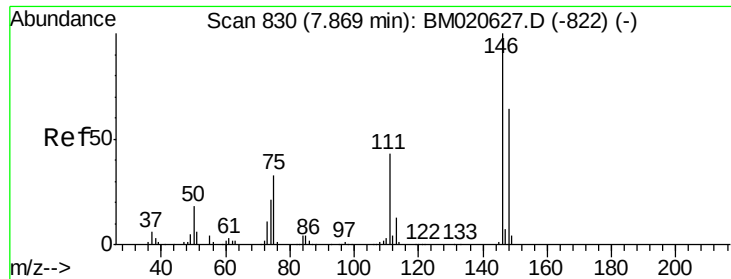
Tot Ion	93	Resp	545826
Ion	Ratio	Lower	Upper
93	100		
63	78.6	60.0	100.0
95	31.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 11.629 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion	146	Resp	651376
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
75	32.4	27.0	40.4

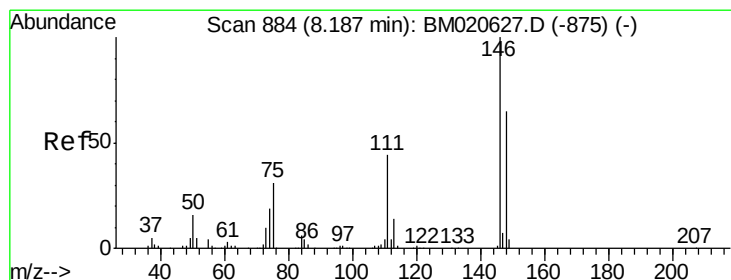
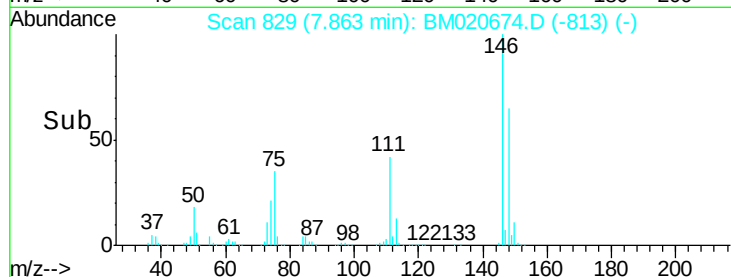
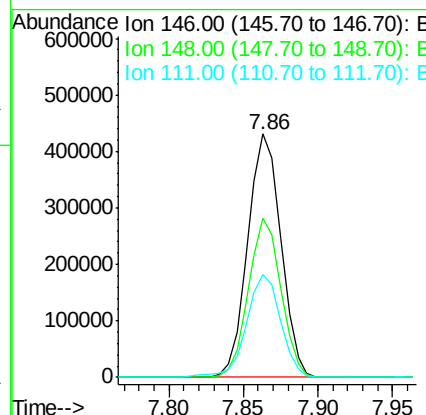
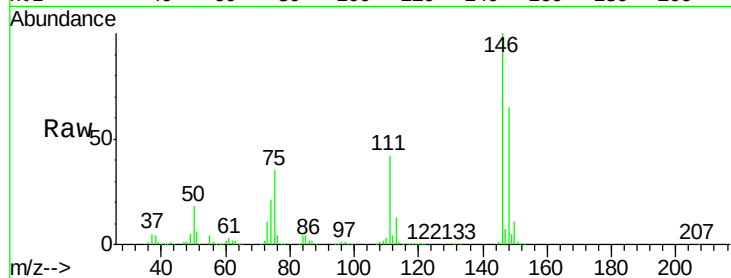




#13
 1,4-Dichlorobenzene
 Concen: 11.628 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

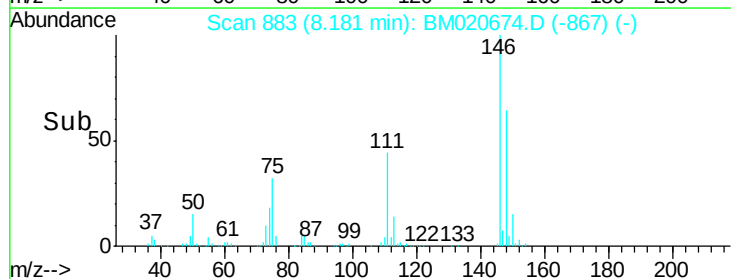
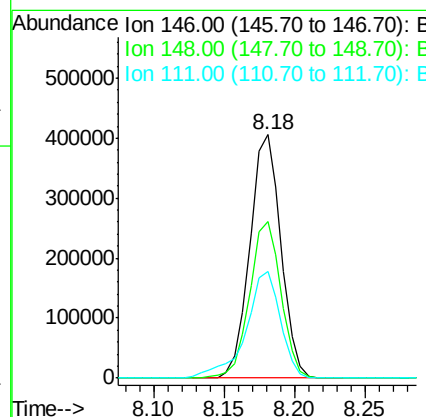
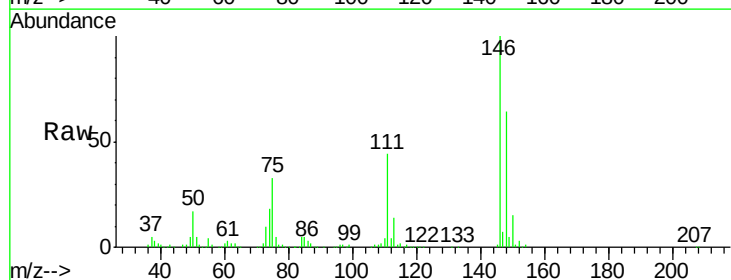
Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

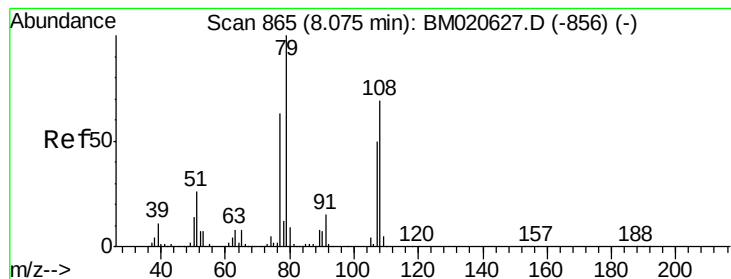
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
111	42.4	34.4	51.6



#14
 1,2-Dichlorobenzene
 Concen: 11.305 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
111	43.6	35.1	52.7





#15

Benzyl Alcohol

Concen: 10.009 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

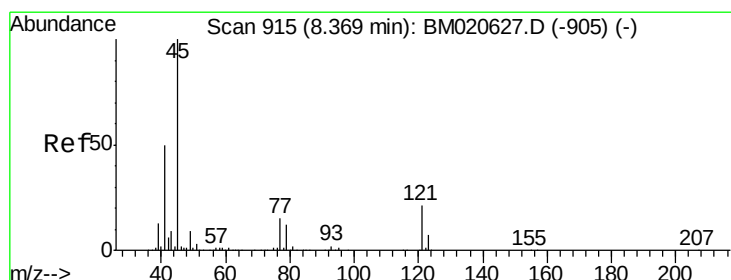
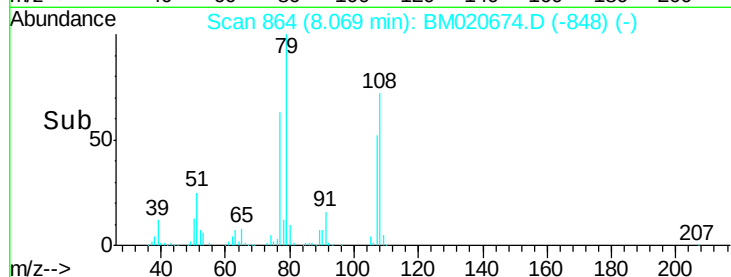
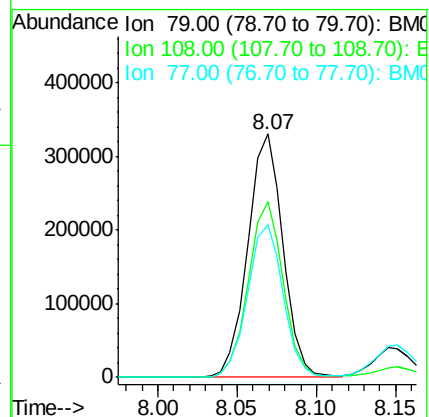
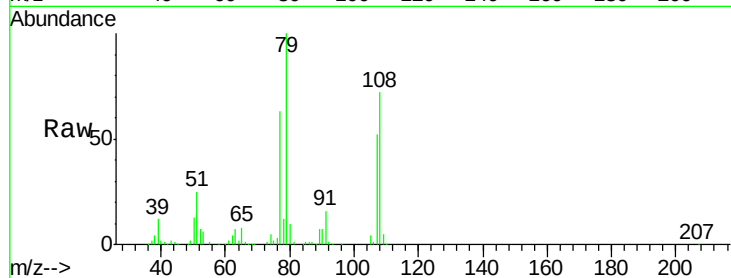
Tot Ion: 79 Resp: 510804

Ion Ratio Lower Upper

79 100

108 72.2 54.9 82.3

77 62.7 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.910 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

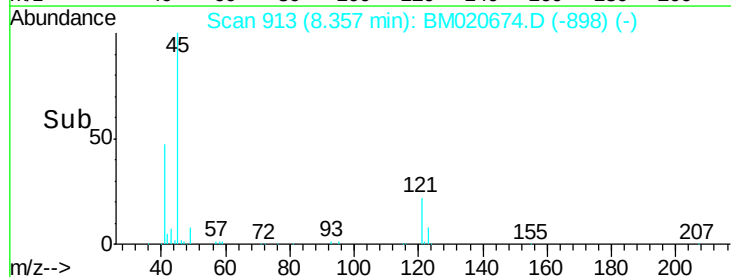
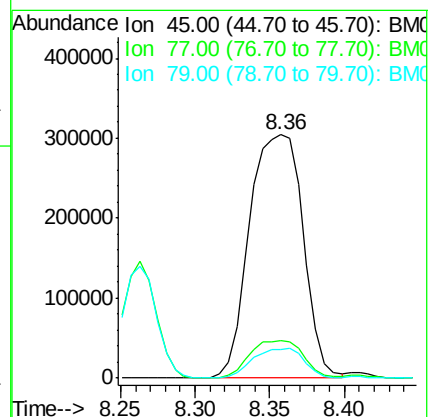
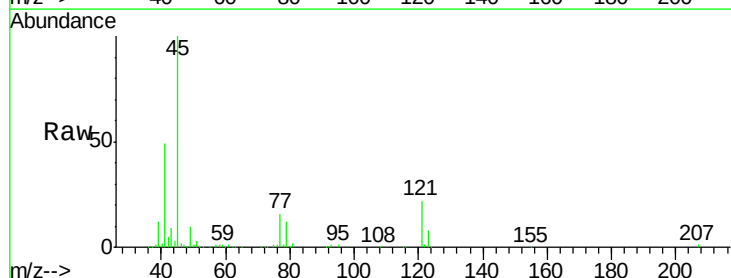
Tgt Ion: 45 Resp: 758008

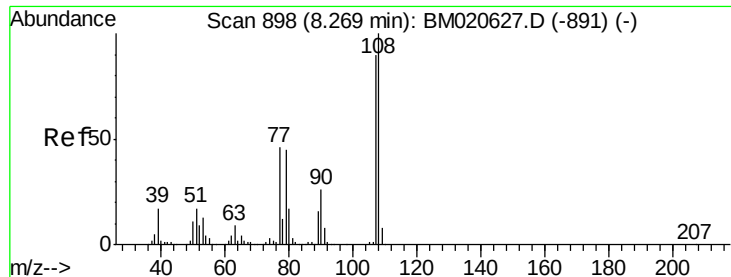
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.9

79 11.8 0.0 31.8

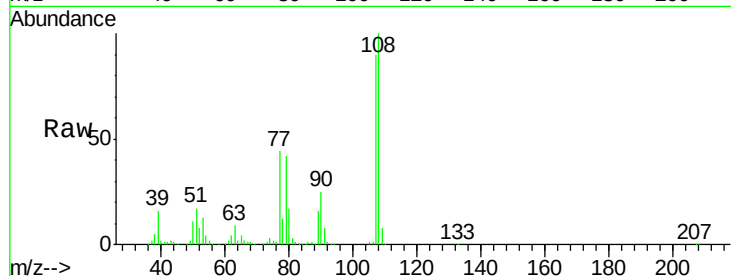




#17
2-Methylphenol
Concen: 10.540 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.6	133.0
77	48.7	40.6	61.0
79	47.0	39.9	59.9



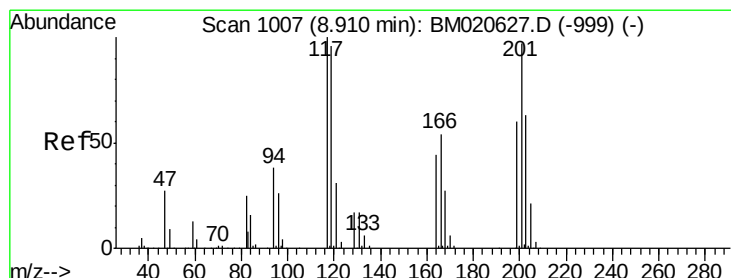
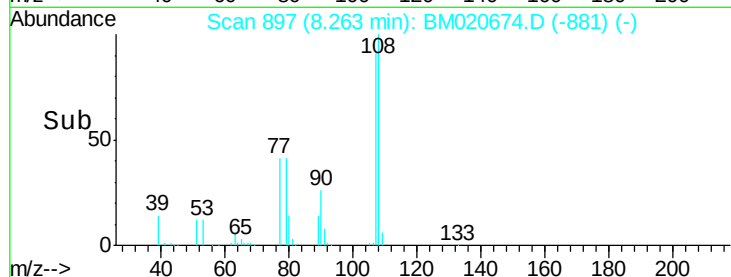
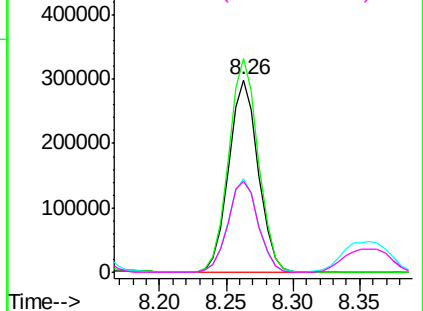
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

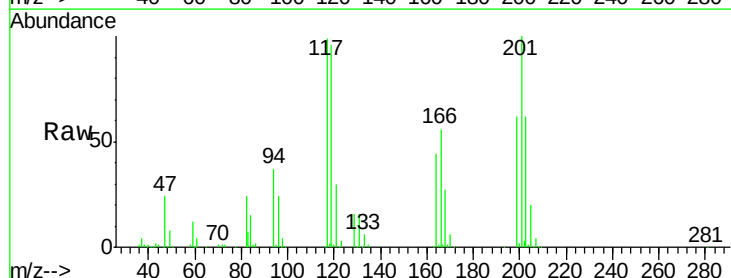
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 11.138 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.7	115.1
201	101.0	77.9	116.9

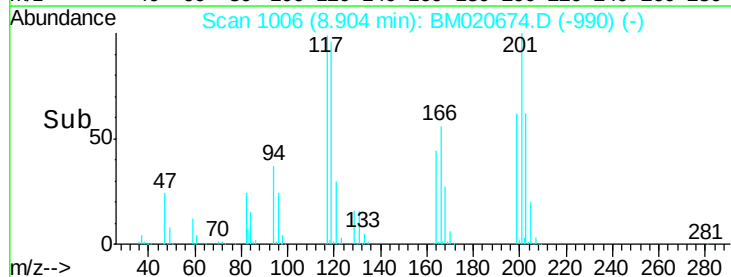
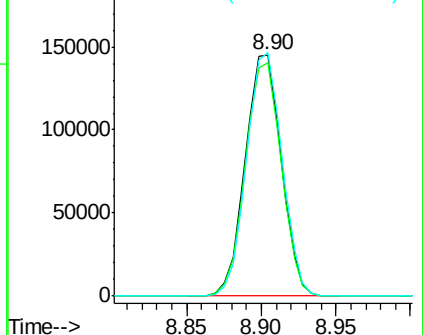


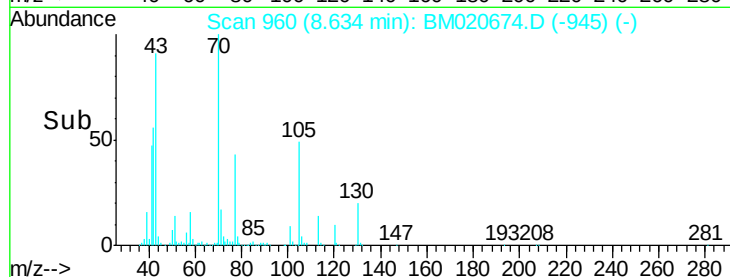
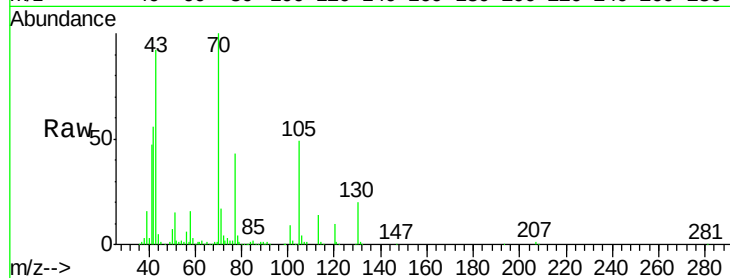
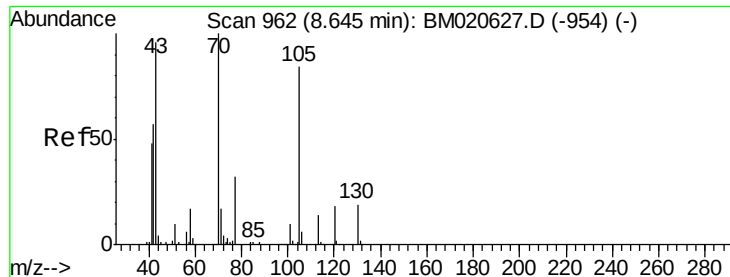
Abundance

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

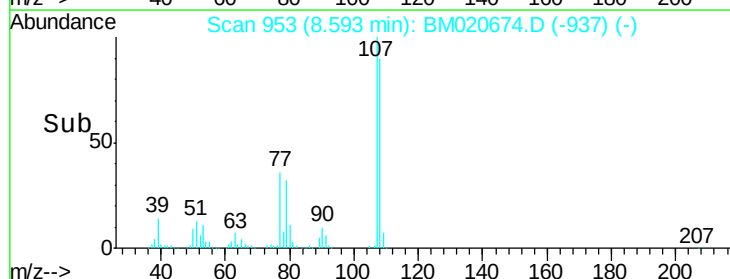
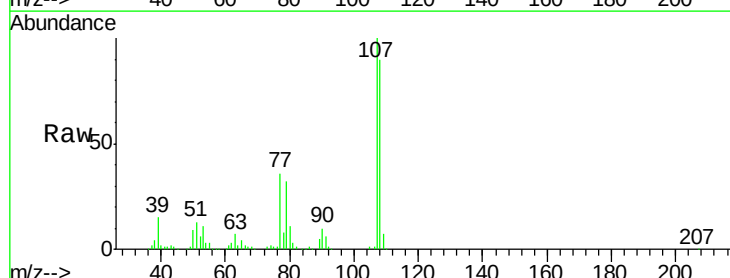
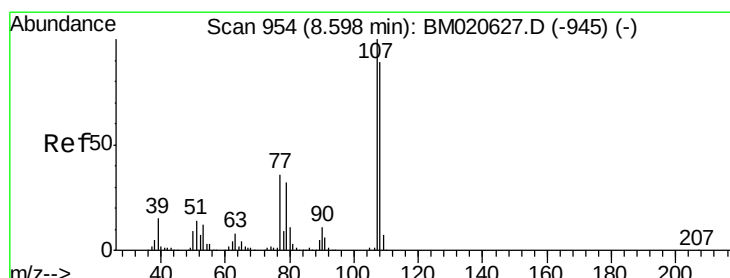
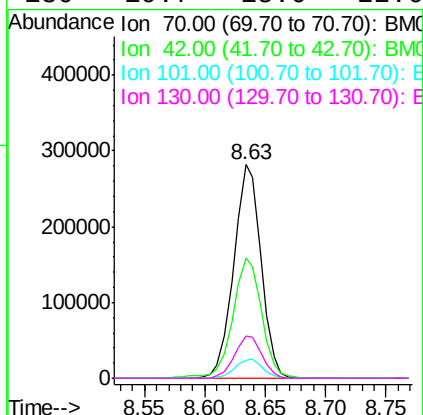




#19
n-Nitroso-di-n-propylamine
Concen: 9.581 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

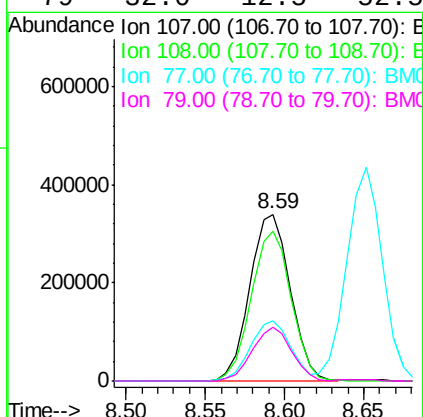
Instrument :
BNA_M
ClientSampleId :
PB120243BS

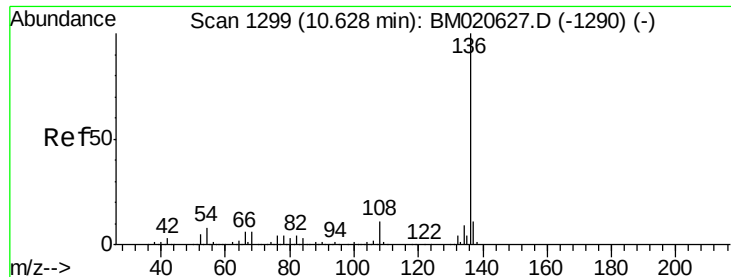
Tot Ion:	70	Resp:	444250
Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.8	70.2
101	8.6	7.8	11.6
130	19.7	15.0	22.6



#20
3+4-Methylphenols
Concen: 10.153 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:	107	Resp:	603839
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.2	109.2
77	36.3	16.2	56.2
79	32.0	12.5	52.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tot Ion:136 Resp: 2647751

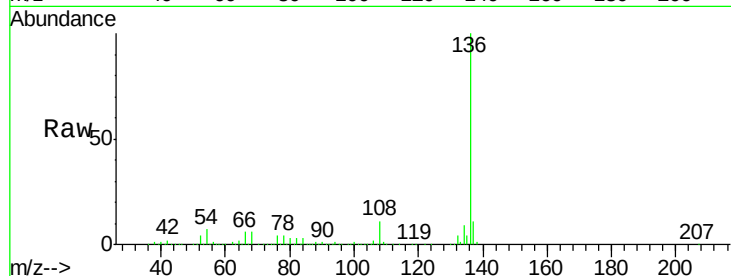
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.5 6.6 10.0

68 6.0 5.1 7.7

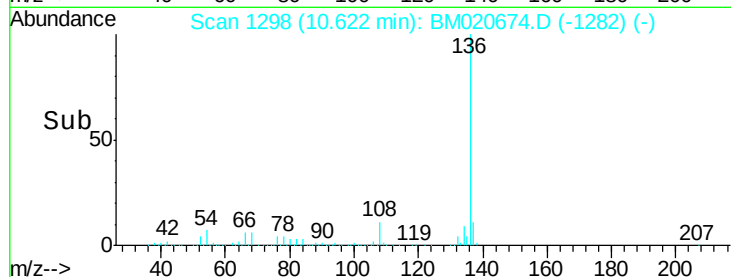


Abundance Ion 136.00 (135.70 to 136.70): E

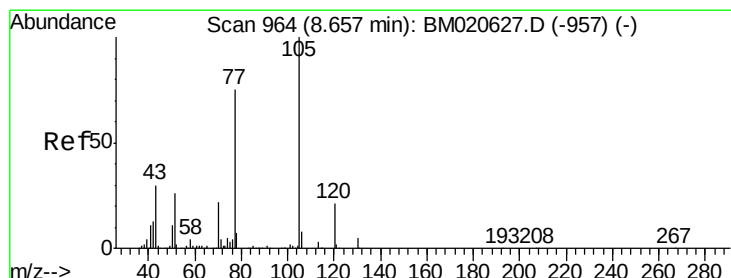
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time--> 10.50 10.60 10.70



#22

Acetophenone

Concen: 12.383 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion:105 Resp: 832909

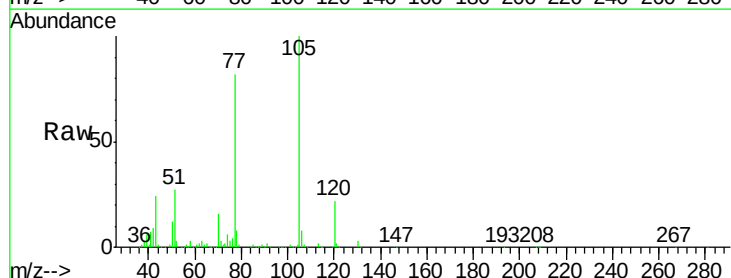
Ion Ratio Lower Upper

105 100

71 2.5 3.2 4.8#

51 26.6 22.8 34.2

120 22.1 17.0 25.4

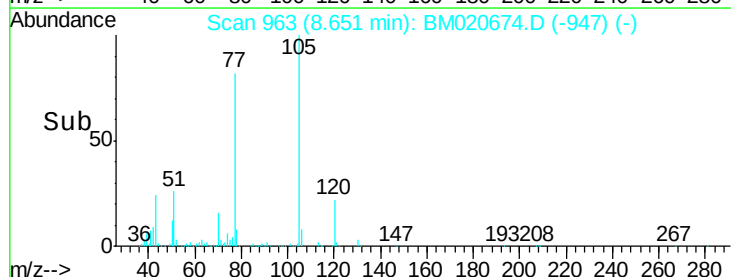


Abundance Ion 105.00 (104.70 to 105.70): E

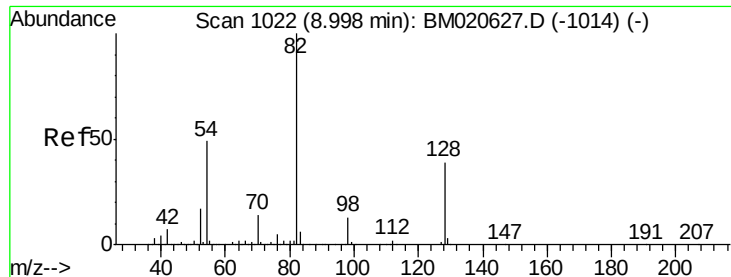
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



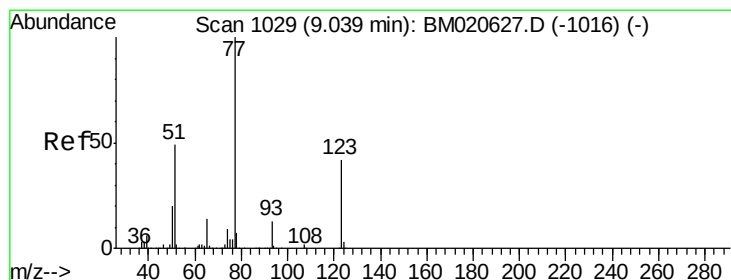
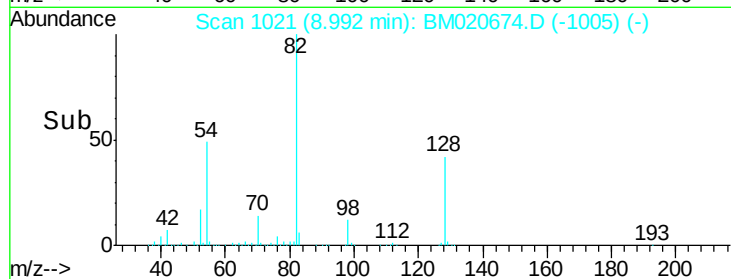
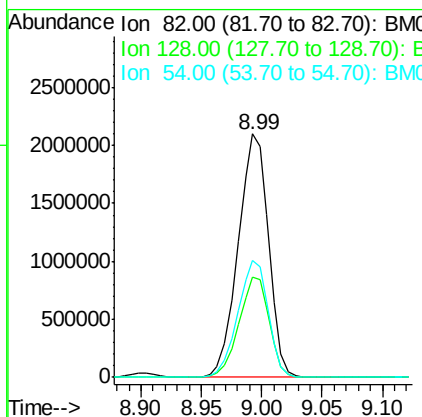
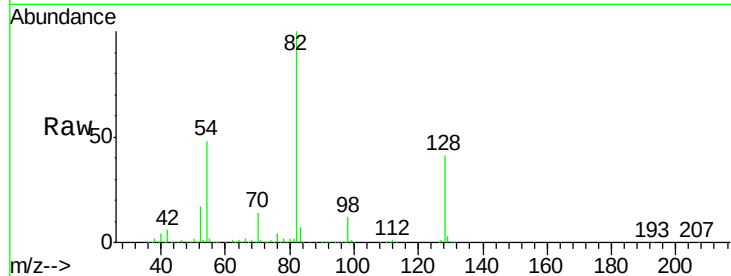
Time--> 8.60 8.65 8.70 8.75



#23
Nitrobenzene-d5
Concen: 71.833 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

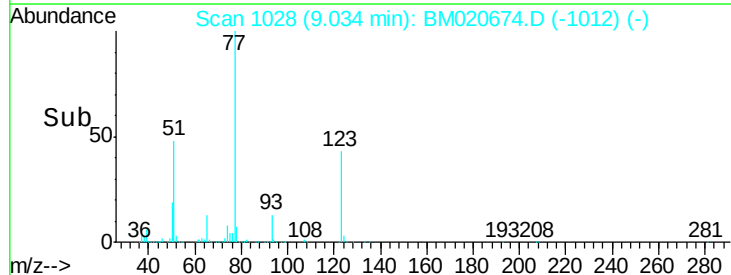
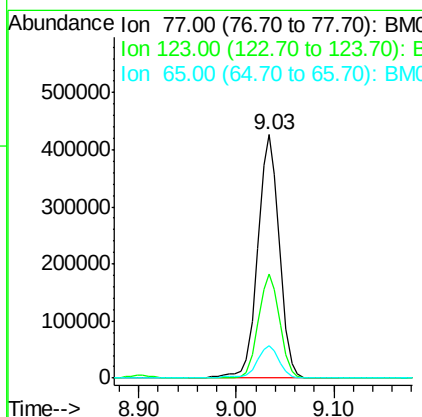
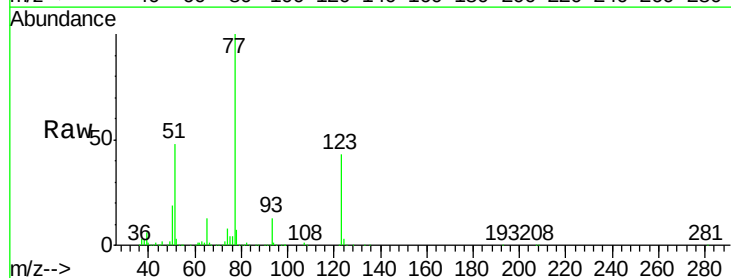
Instrument :
BNA_M
ClientSampleId :
PB120243BS

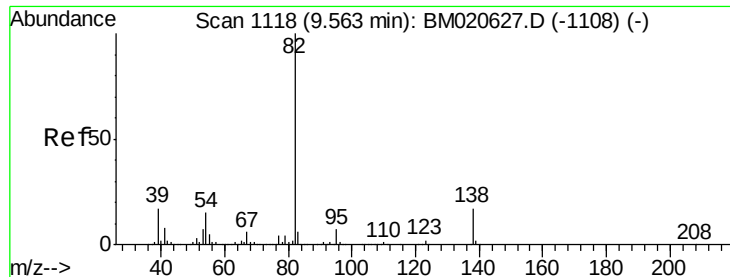
Tot Ion: 82 Resp: 3670876
Ion Ratio Lower Upper
82 100
128 41.1 31.5 47.3
54 48.1 39.4 59.0



#24
Nitrobenzene
Concen: 12.712 ng
RT: 9.03 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion: 77 Resp: 663161
Ion Ratio Lower Upper
77 100
123 42.8 33.7 50.5
65 13.5 11.0 16.6





#25

Isophorone

Concen: 11.125 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

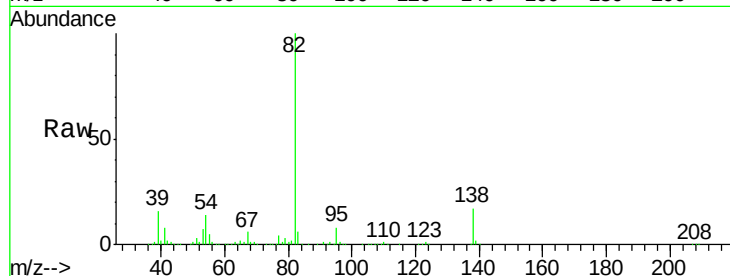
Tot Ion: 82 Resp: 1130900

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

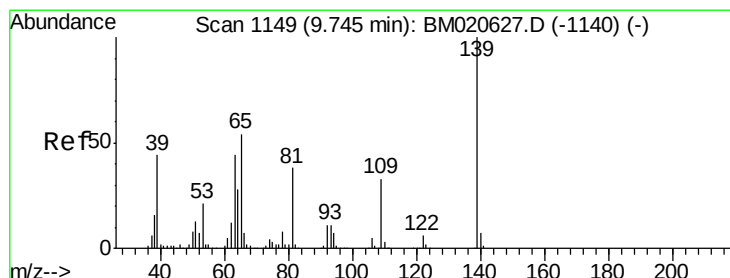
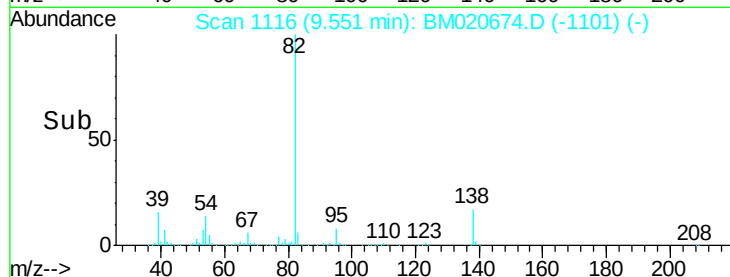
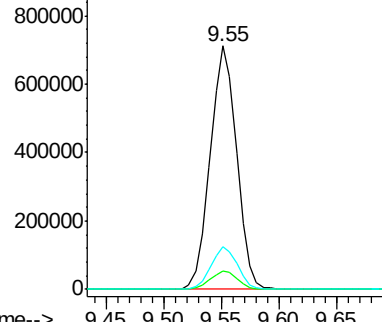
138 17.3 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 13.316 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

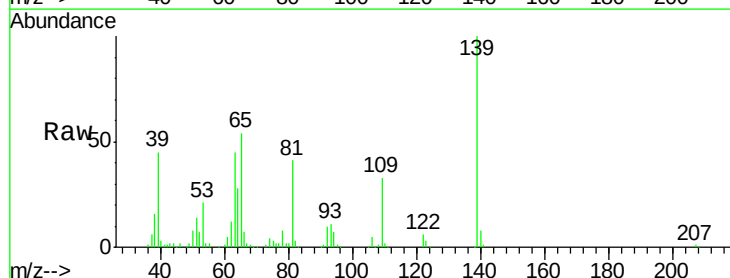
Tgt Ion: 139 Resp: 258915

Ion Ratio Lower Upper

139 100

109 33.0 26.1 39.1

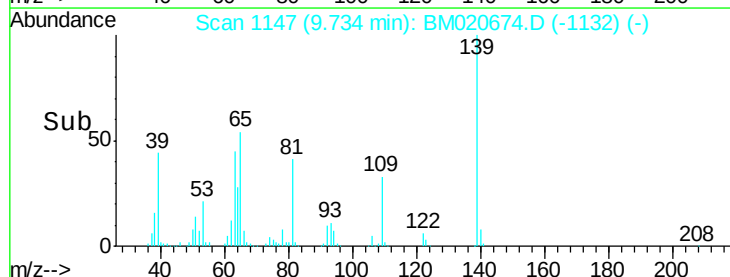
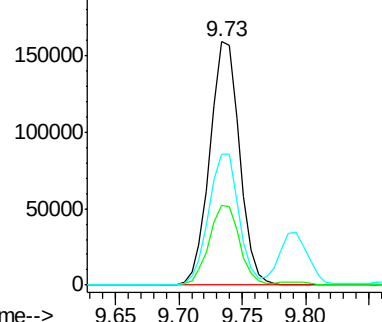
65 54.0 43.4 65.0

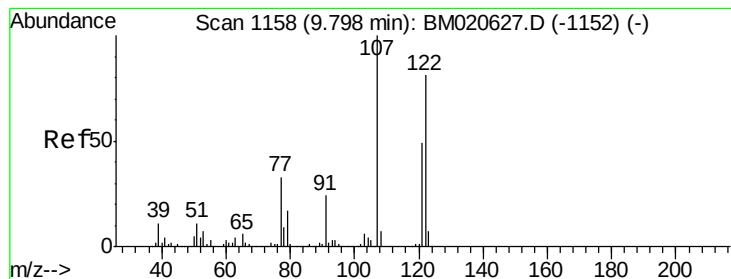


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)





#27

2,4-Dimethylphenol

Concen: 13.279 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

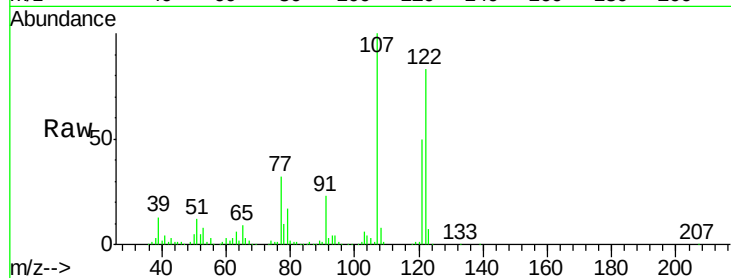
Tot Ion:122 Resp: 483794

Ion Ratio Lower Upper

122 100

107 120.9 98.0 147.0

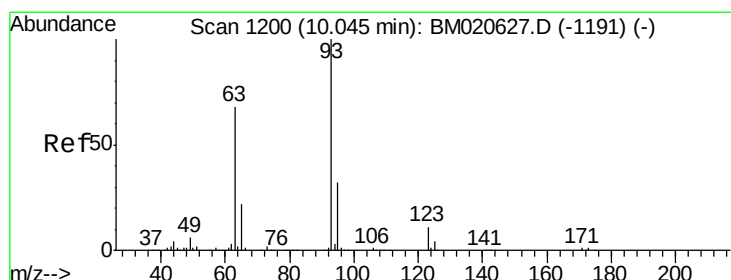
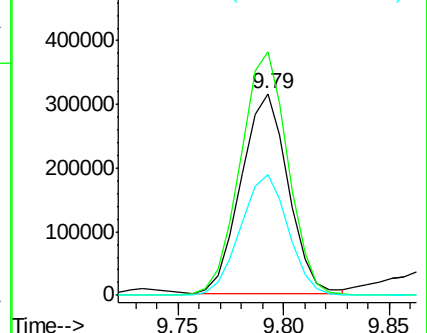
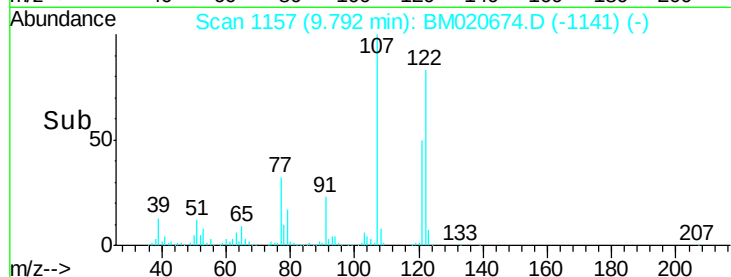
121 59.9 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.180 ng

RT: 10.03 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

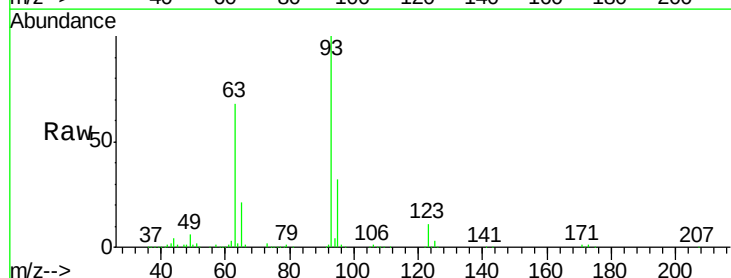
Tgt Ion: 93 Resp: 687157

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

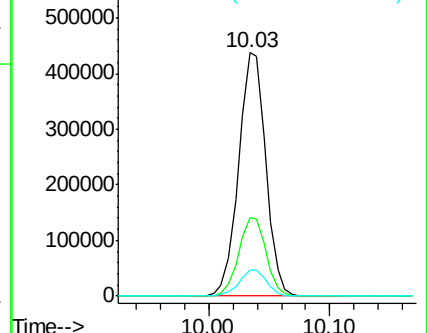
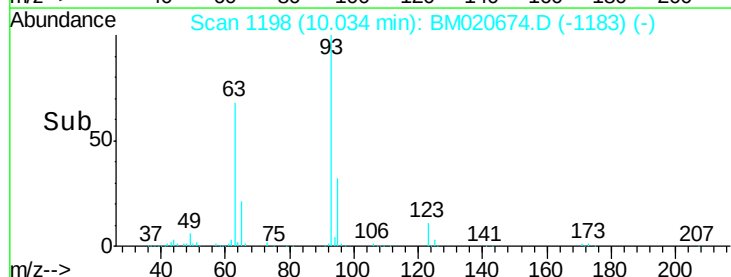
123 10.6 9.0 13.6

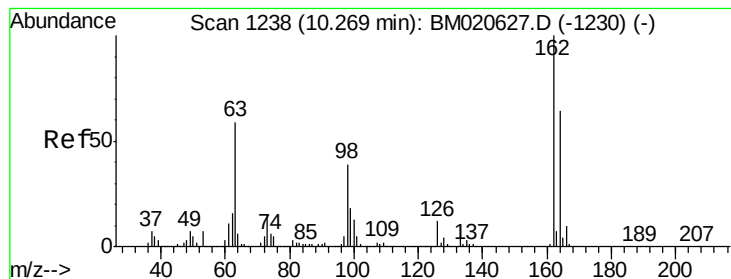


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 11.998 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

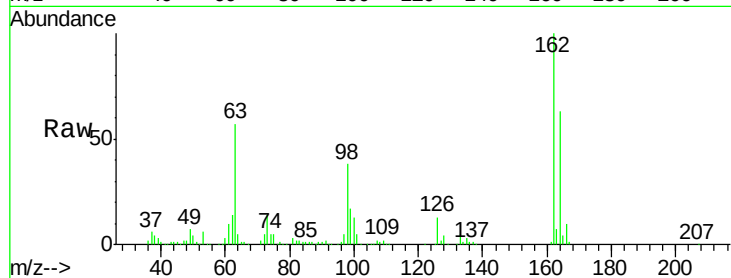
Tot Ion:162 Resp: 483625

Ion Ratio Lower Upper

162 100

164 63.2 43.8 83.8

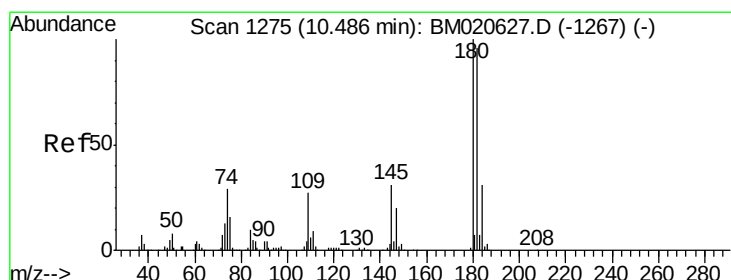
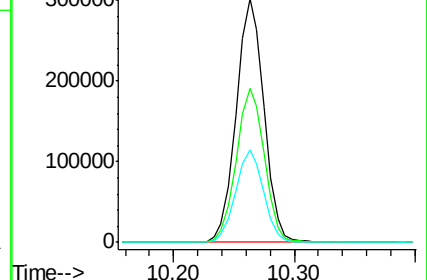
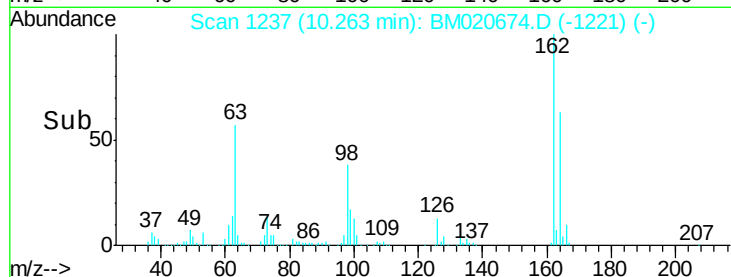
98 37.8 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 12.445 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

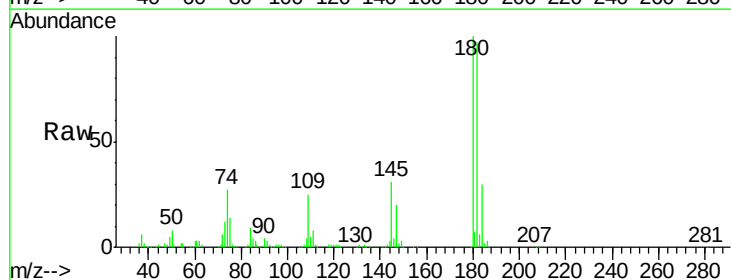
Tgt Ion:180 Resp: 576838

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.6

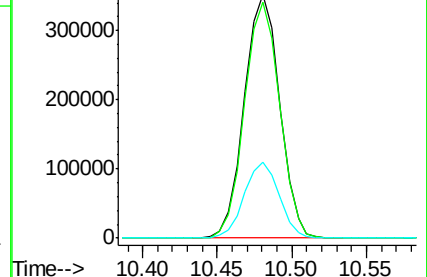
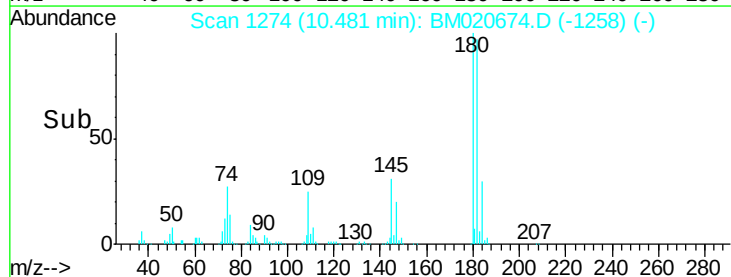
145 31.3 25.0 37.4

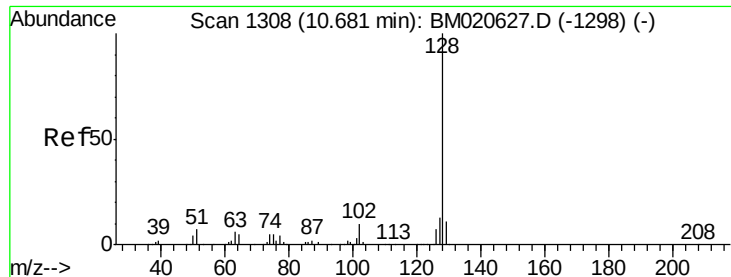


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

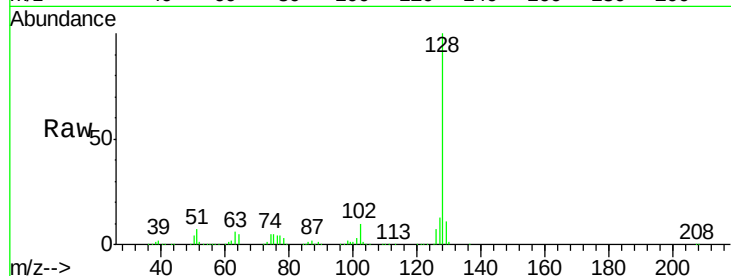




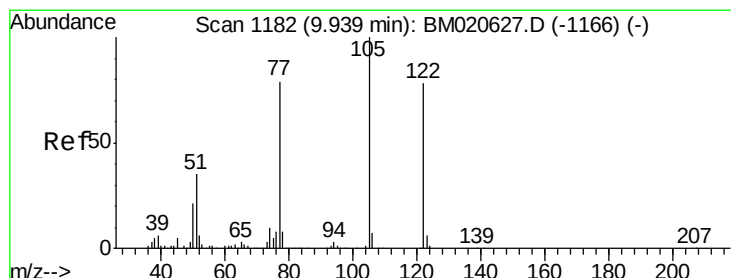
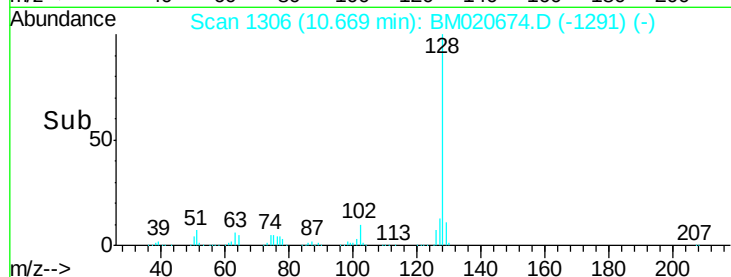
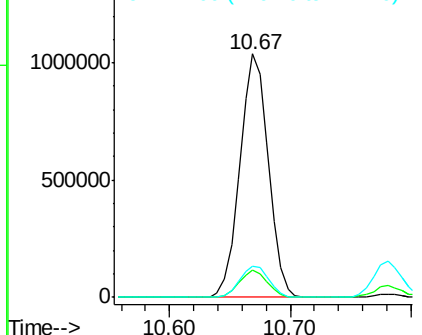
#31
Naphthalene
Concen: 12.501 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:128 Resp: 1702128
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.3 15.5

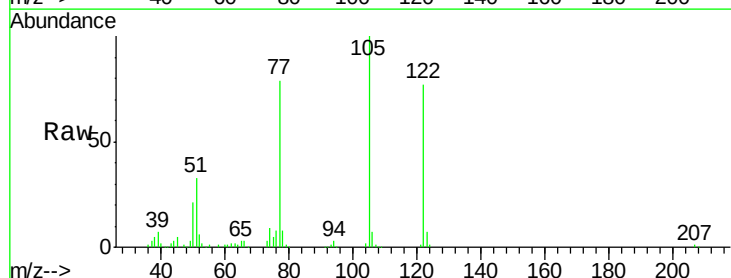


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

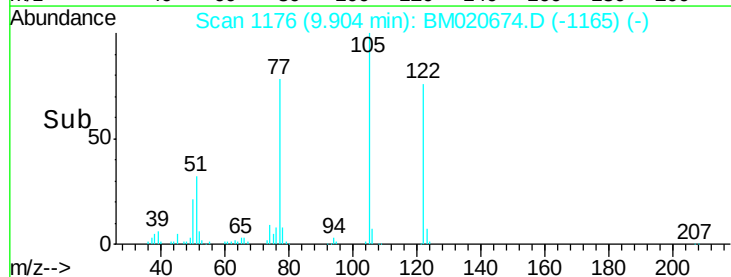
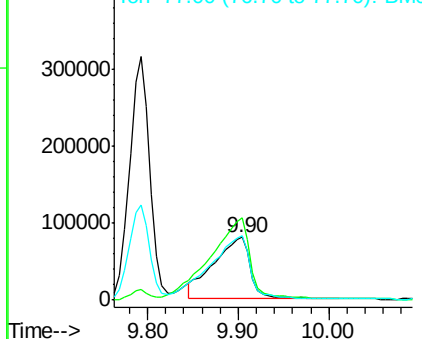


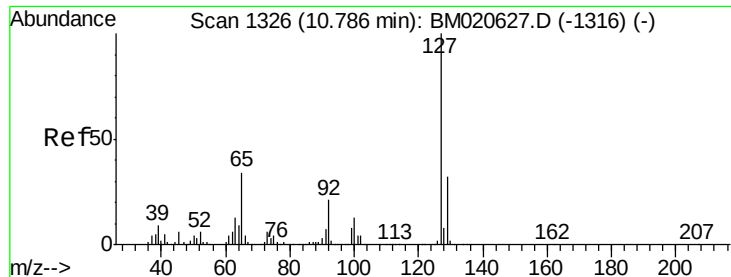
#32
Benzoic acid
Concen: 13.973 ng
RT: 9.90 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:122 Resp: 226962
Ion Ratio Lower Upper
122 100
105 130.4 107.0 147.0
77 102.9 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

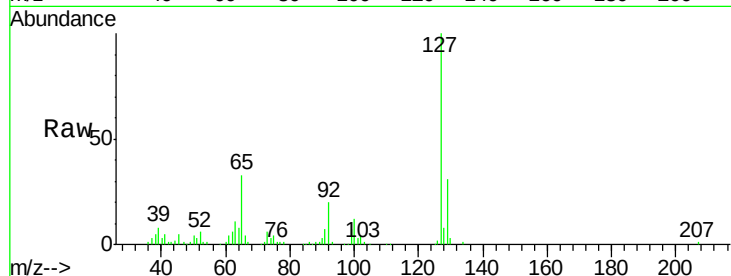




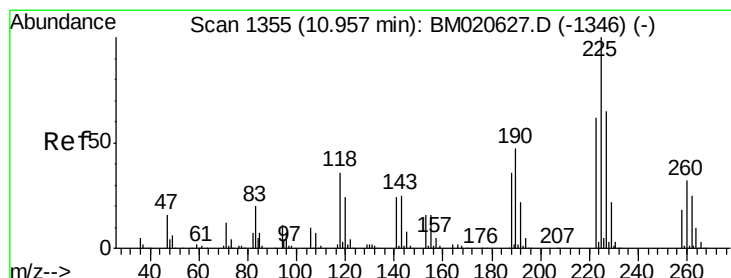
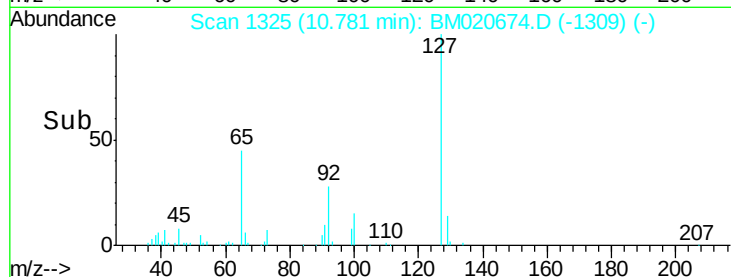
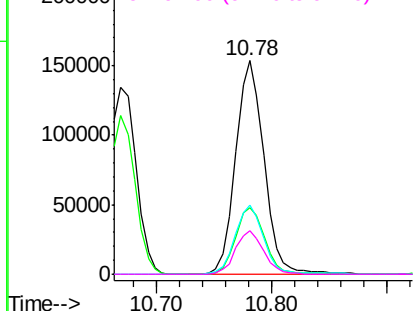
#33
4-Chloroaniline
Concen: 4.143 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:	127	Resp:	262533
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	32.6	27.4	41.0
92	20.4	17.0	25.6

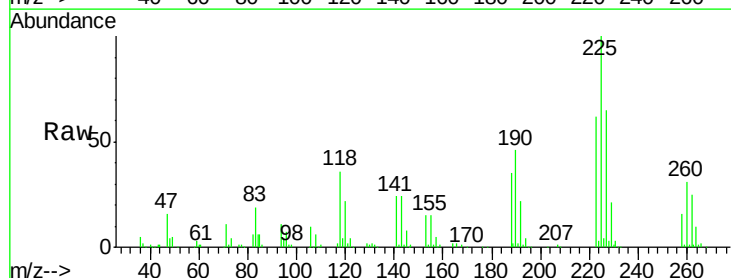


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

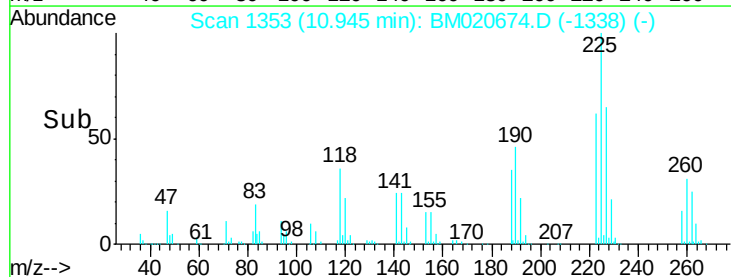
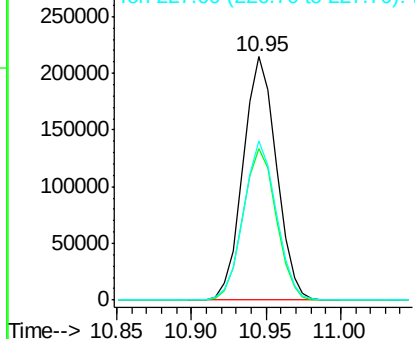


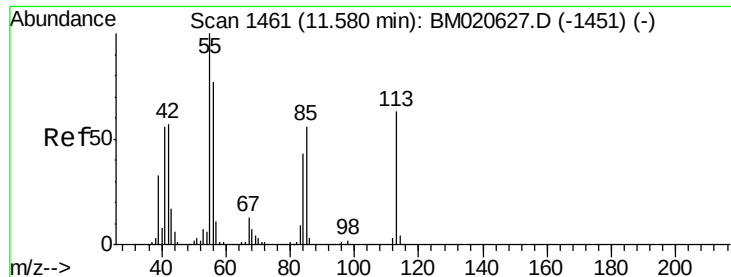
#34
Hexachlorobutadiene
Concen: 11.922 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:	225	Resp:	331569
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	65.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 9.456 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

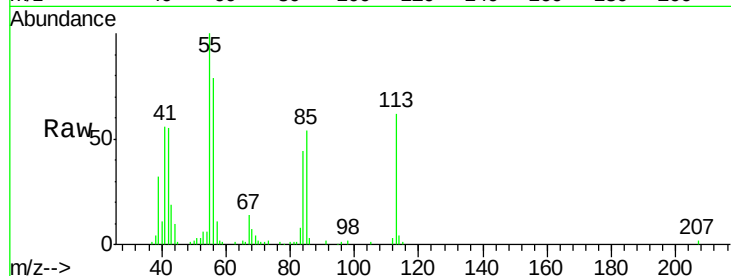
Tot Ion:113 Resp: 132419

Ion Ratio Lower Upper

113 100

55 160.3 138.6 178.6

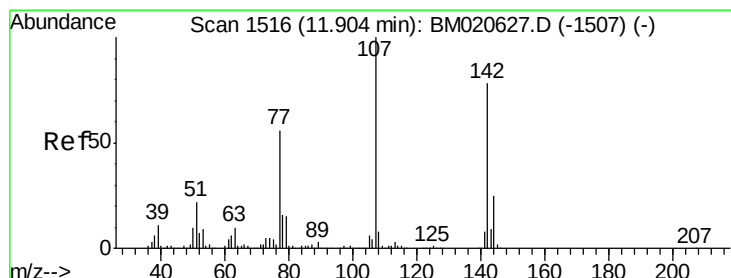
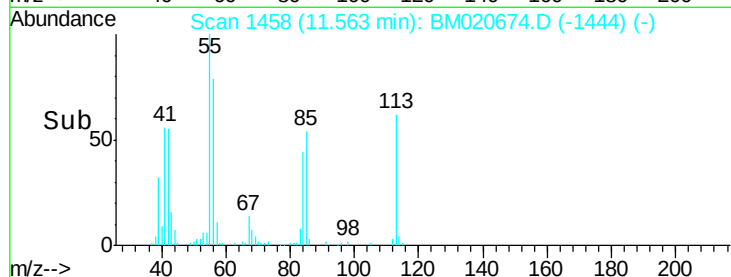
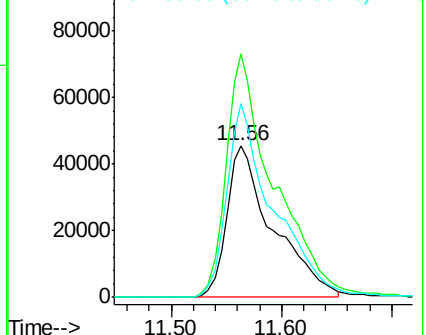
56 127.3 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 10.533 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

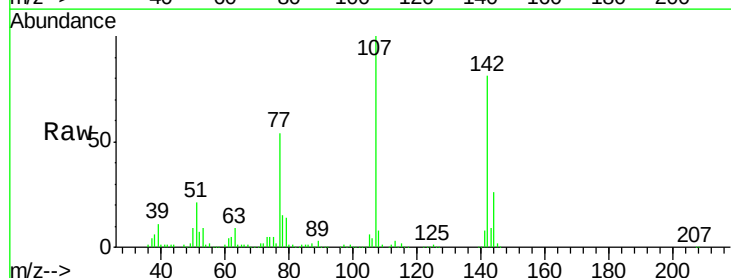
Tgt Ion:107 Resp: 493659

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

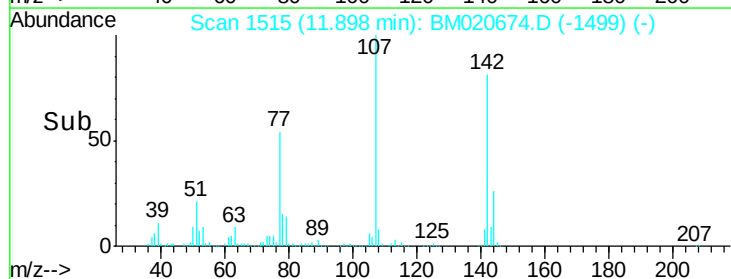
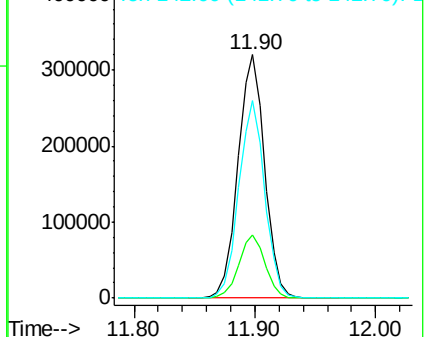
142 81.3 62.6 93.8

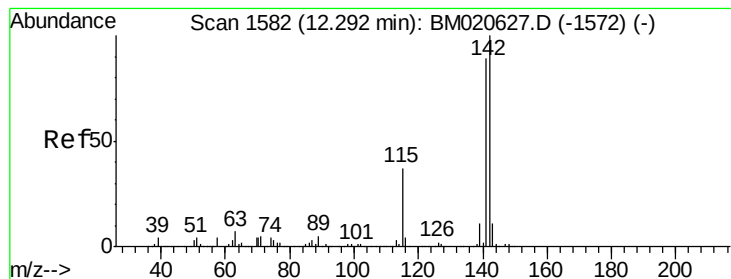


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.853 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

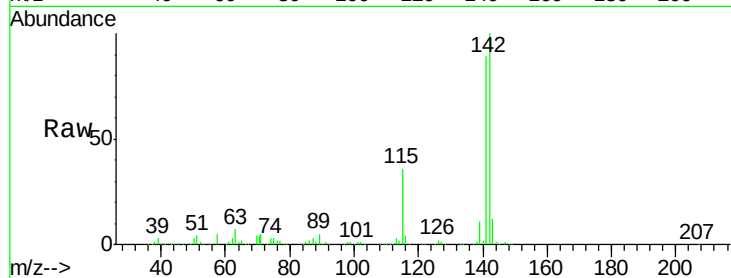
Tot Ion:142 Resp: 1196217

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4

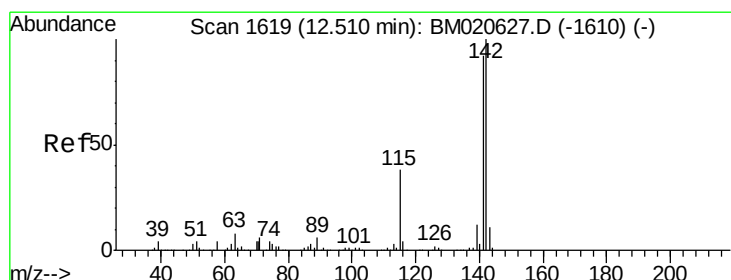
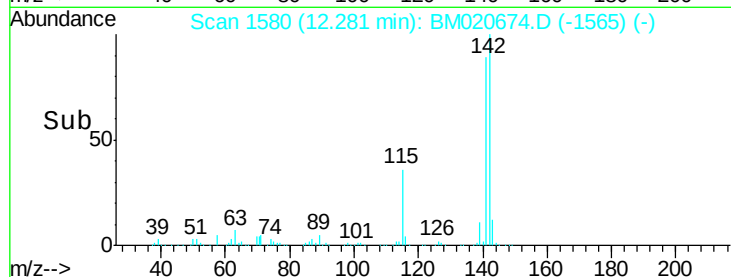
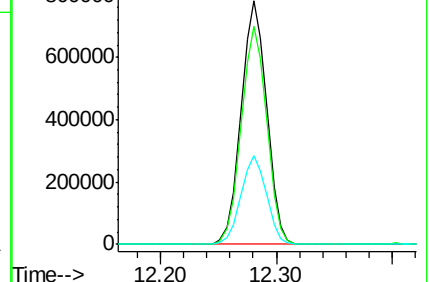
115 36.2 29.6 44.4



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: 11.603 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

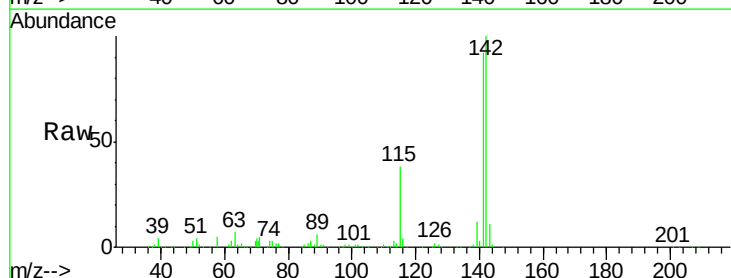
Tgt Ion:142 Resp: 1114984

Ion Ratio Lower Upper

142 100

141 91.8 73.9 110.9

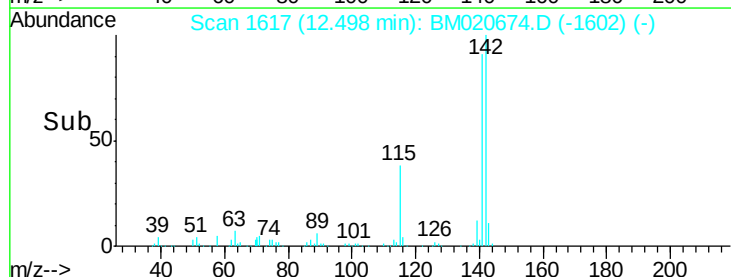
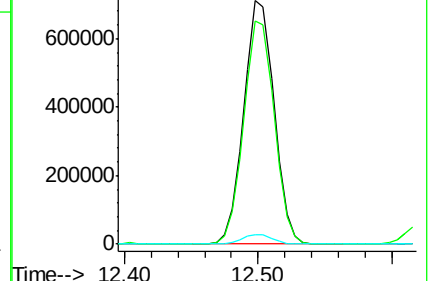
116 4.1 3.2 4.8

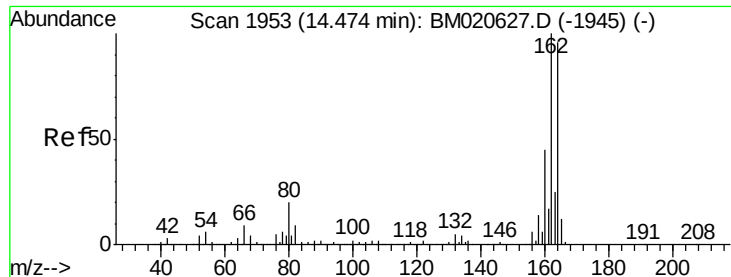


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

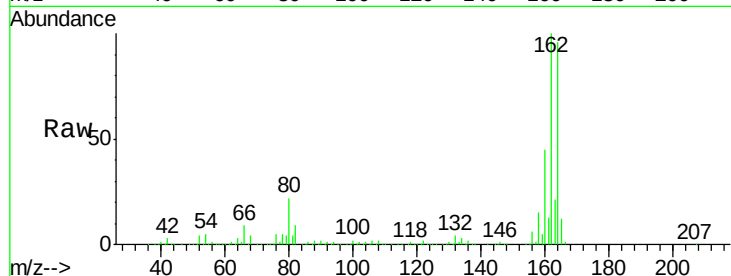
Tot Ion:164 Resp: 1338232

Ion Ratio Lower Upper

164 100

162 104.0 83.2 124.8

160 46.4 37.5 56.3

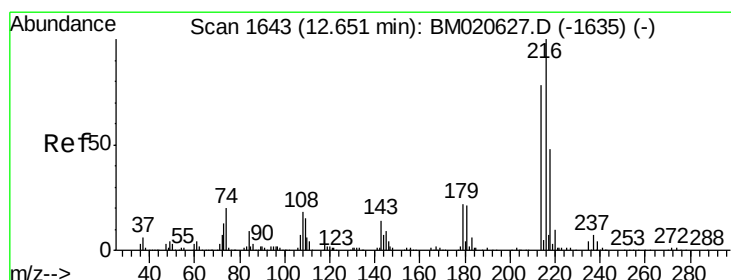
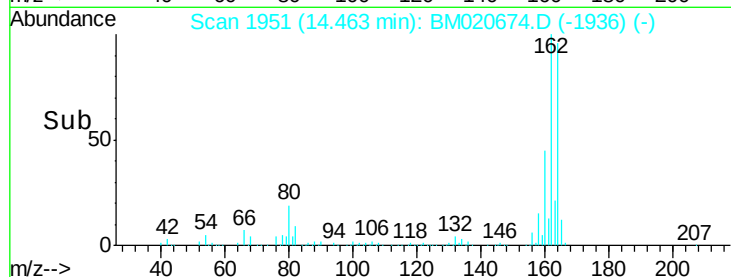
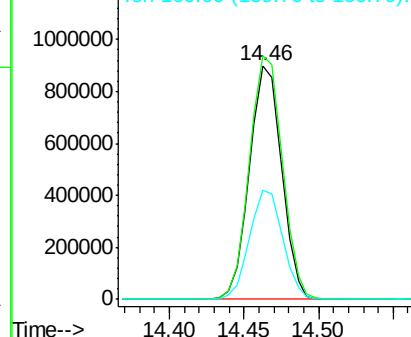


Abundance

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: 13.289 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion:216 Resp: 582785

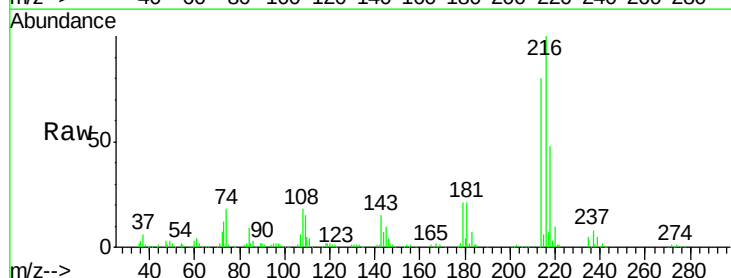
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 21.9 17.9 26.9

108 22.2 16.2 24.2



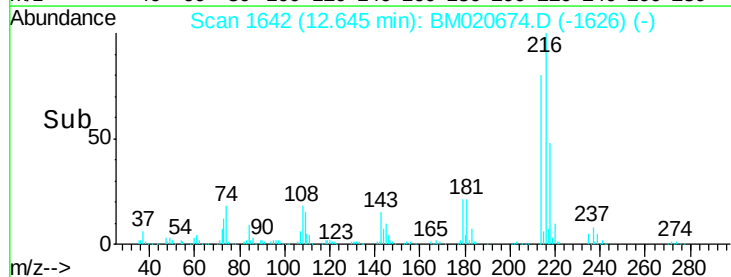
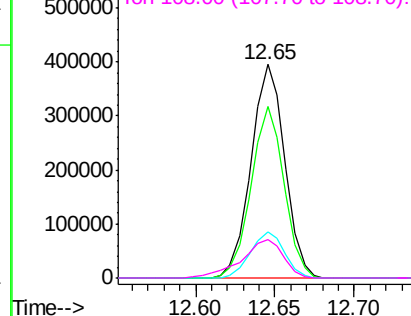
Abundance

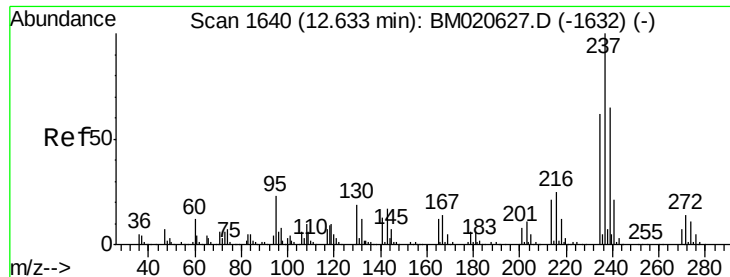
Ion 216.00 (215.70 to 216.70): E

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: 26.313 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

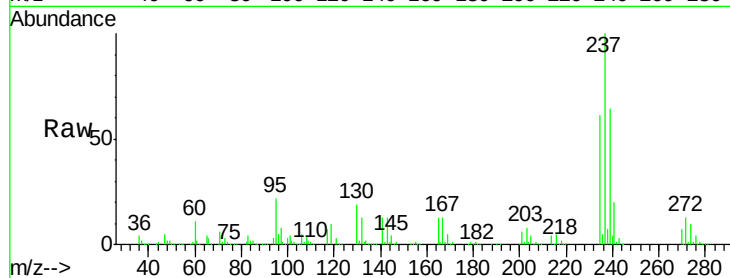
Tot Ion:237 Resp: 690155

Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.1	82.1
272	12.7	0.0	33.5

237 100

235 61.2 42.1 82.1

272 12.7 0.0 33.5



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

12.62

600000

500000

400000

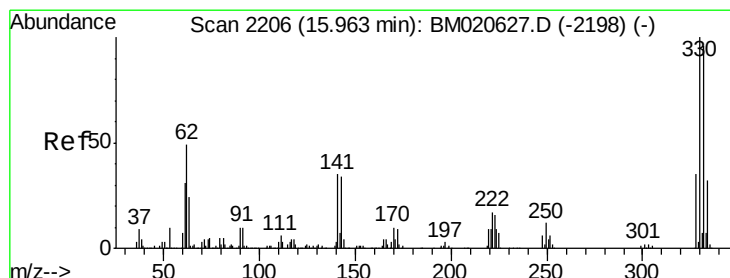
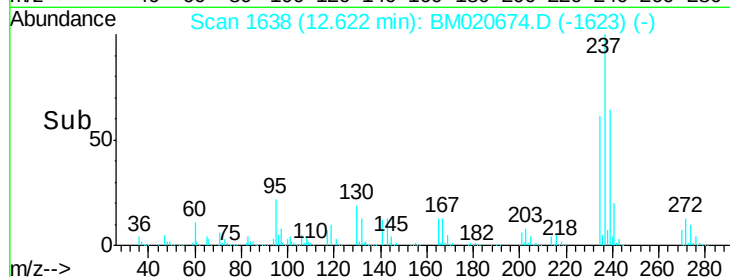
300000

200000

100000

0

Time--> 12.55 12.60 12.65



#42

2,4,6-Tribromophenol

Concen: 136.882 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

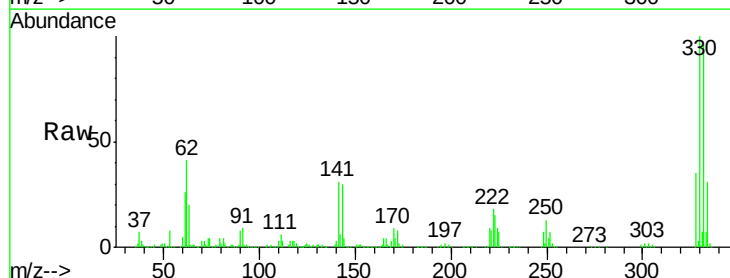
Tgt Ion:330 Resp: 2269576

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	33.0	30.4	45.6

330 100

332 96.4 77.4 116.0

141 33.0 30.4 45.6



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

15.96

2000000

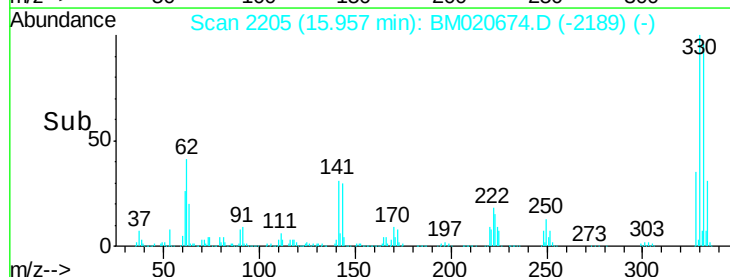
1500000

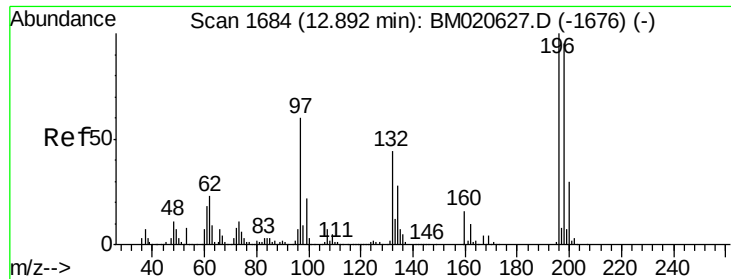
1000000

500000

0

Time--> 15.90 16.00

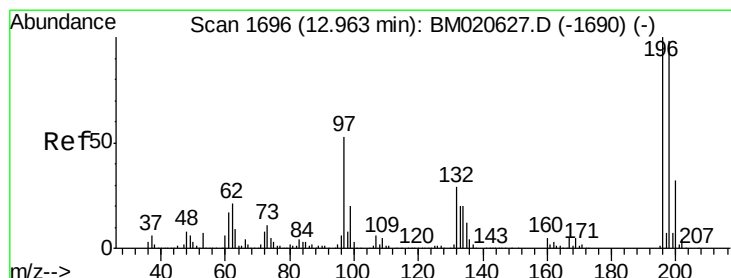
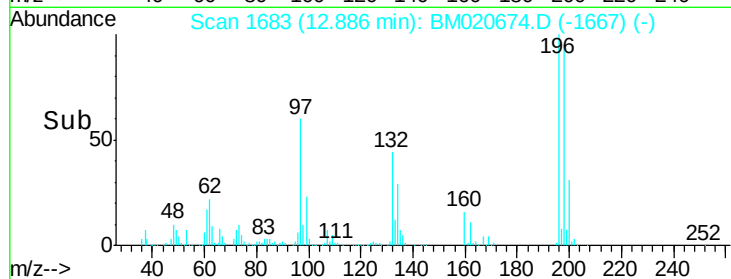
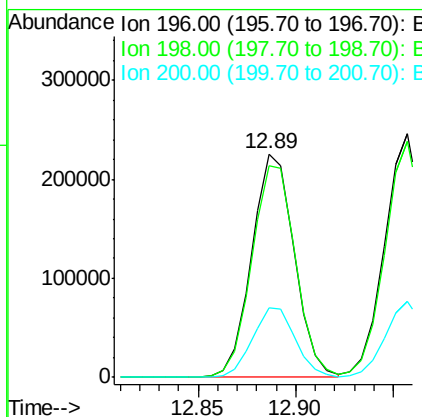
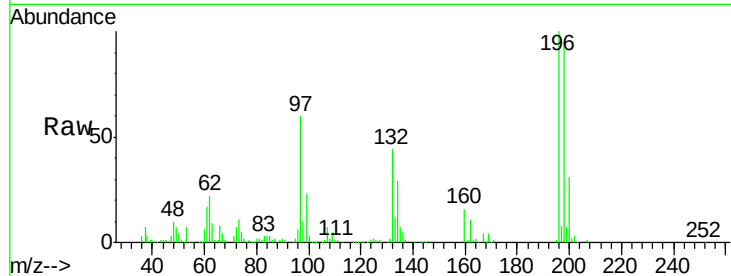




#43
 2,4,6-Trichlorophenol
 Concen: 12.067 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

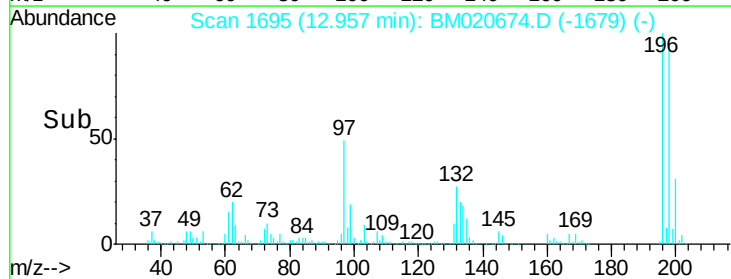
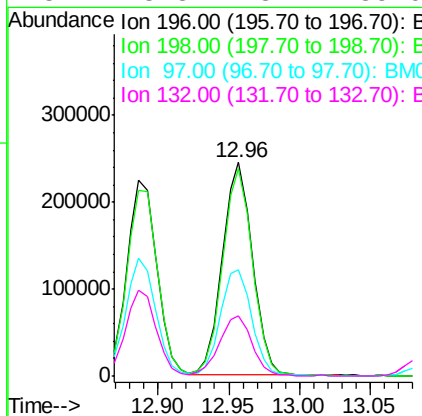
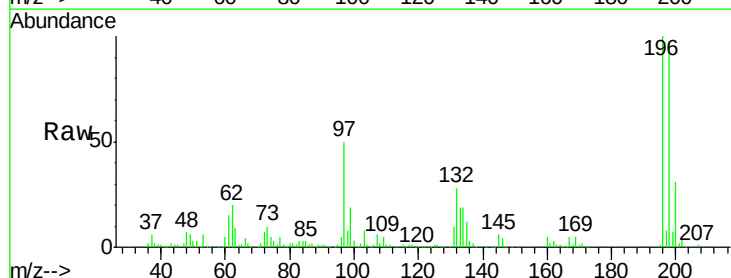
Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

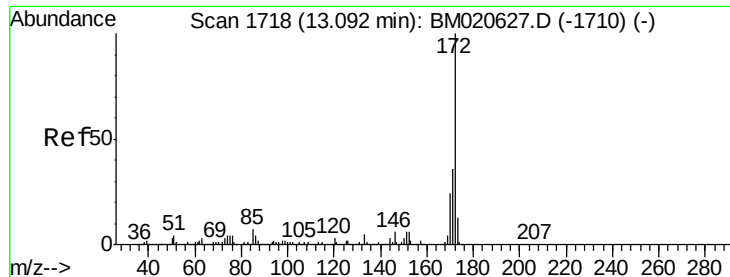
Tot Ion:196	Resp:	340632
Ion Ratio	Lower	Upper
196	100	
198	94.6	75.7 113.5
200	30.9	23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 12.505 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

Tgt Ion:196	Resp:	364446
Ion Ratio	Lower	Upper
196	100	
198	96.8	78.6 117.8
97	49.8	42.7 64.1
132	28.3	23.4 35.0

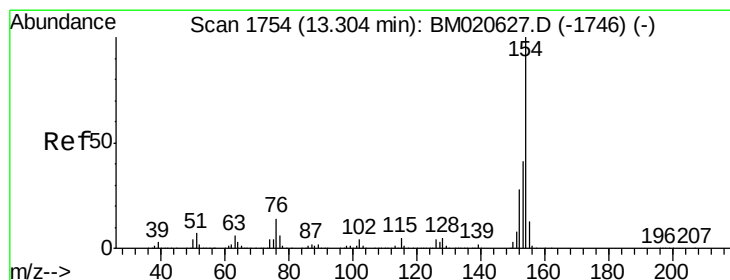
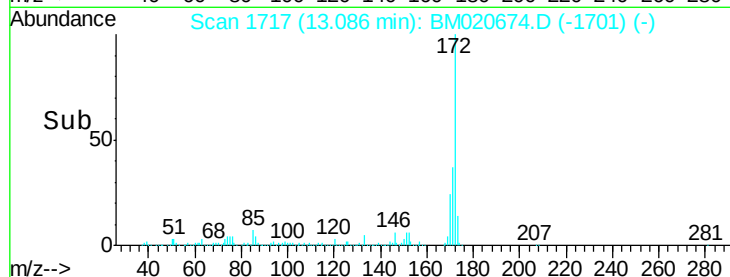
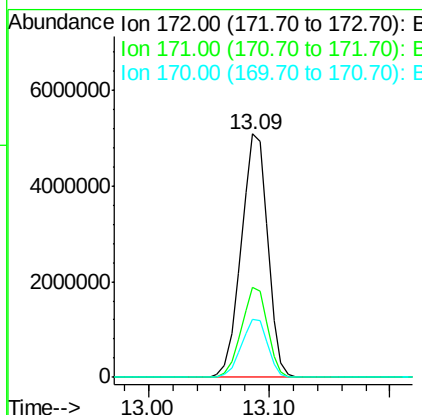
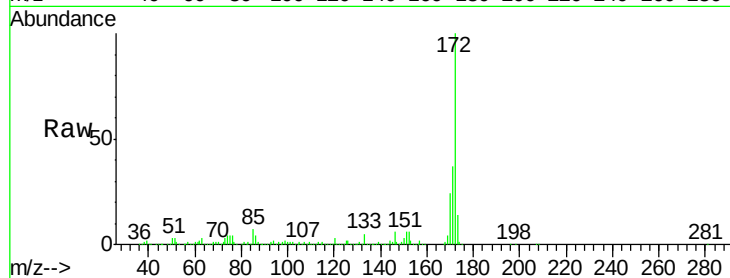




#45
2-Fluorobiphenyl
Concen: 77.338 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

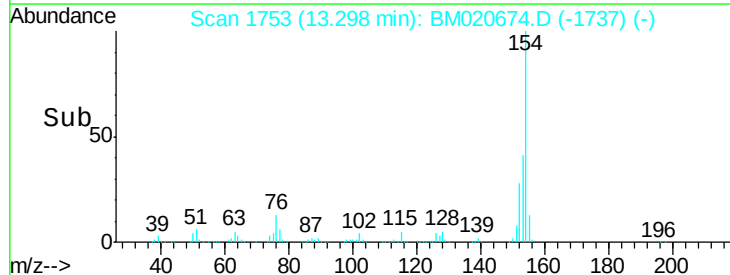
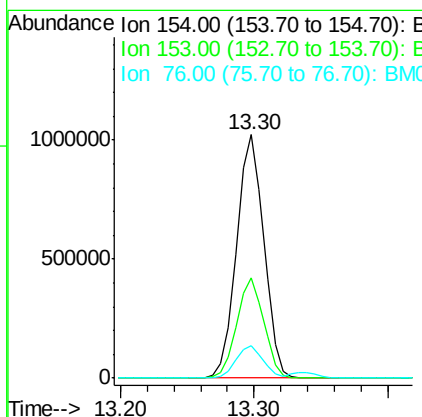
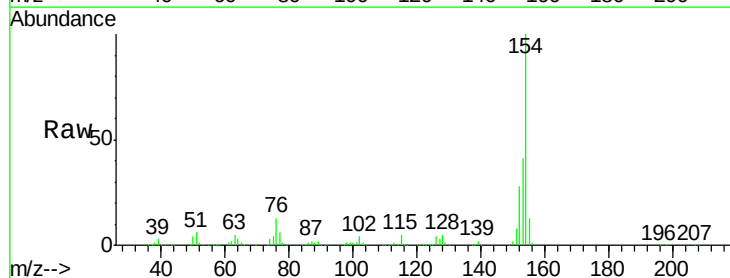
Instrument :
BNA_M
ClientSampleId :
PB120243BS

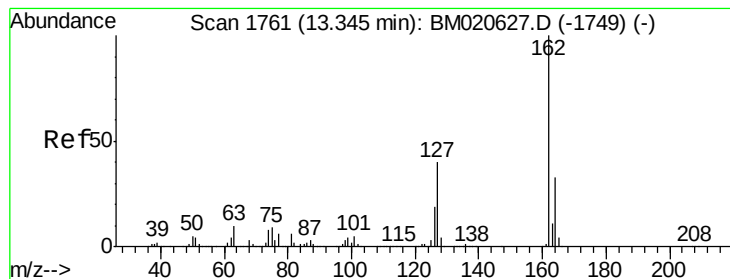
Tot Ion:172 Resp: 7784878
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 12.943 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:154 Resp: 1446579
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 12.300 ng

RT: 13.34 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

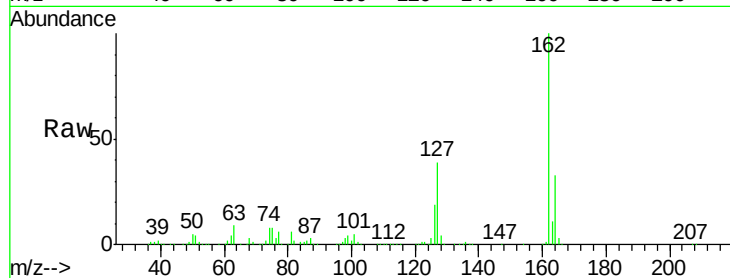
Tot Ion:162 Resp: 1109477

Ion Ratio Lower Upper

162 100

127 39.3 32.1 48.1

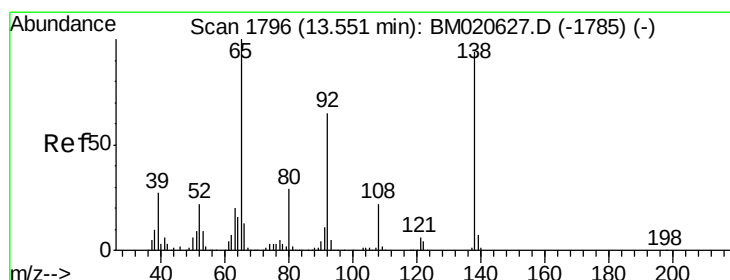
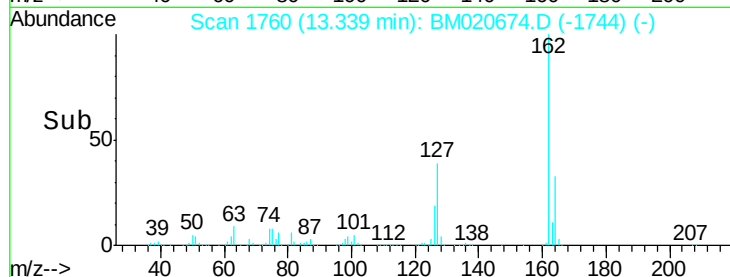
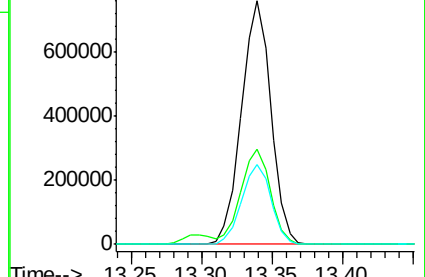
164 32.6 26.6 39.8



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: 10.510 ng

RT: 13.55 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

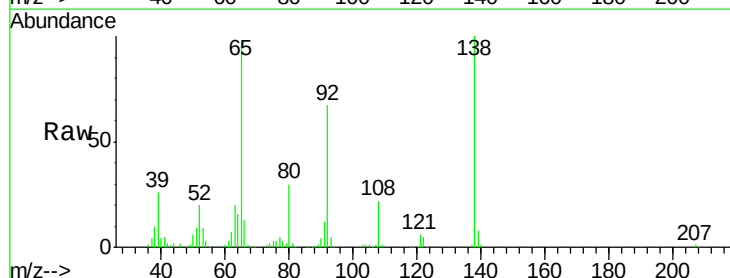
Tgt Ion: 65 Resp: 297558

Ion Ratio Lower Upper

65 100

92 68.9 52.2 78.4

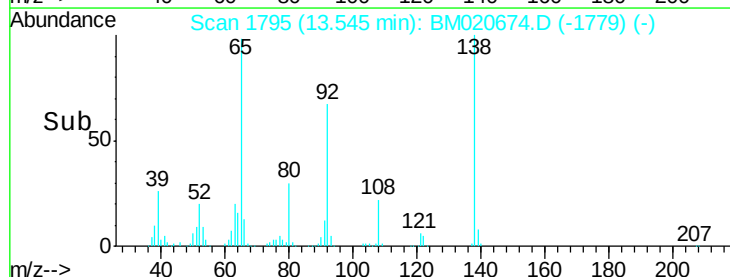
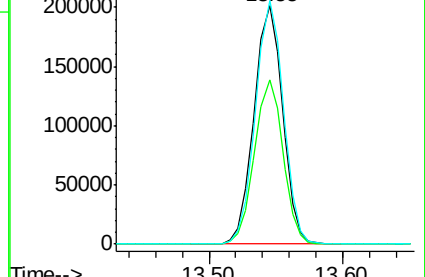
138 102.2 75.4 113.0

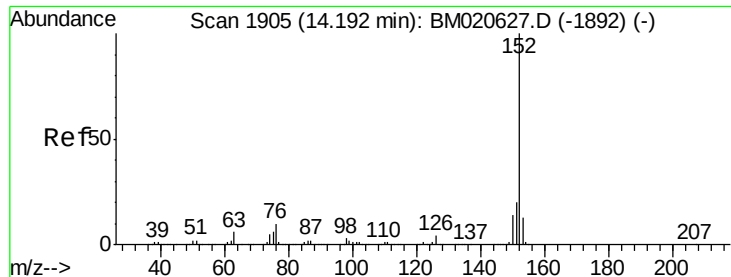


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 12.148 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

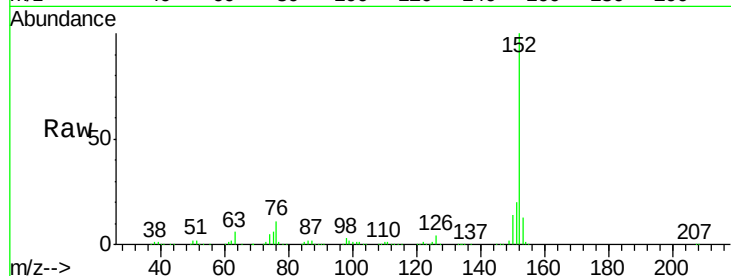
BNA_M

ClientSampleId :

PB120243BS

Tot Ion:152 Resp: 1709837

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.9	10.6	15.8

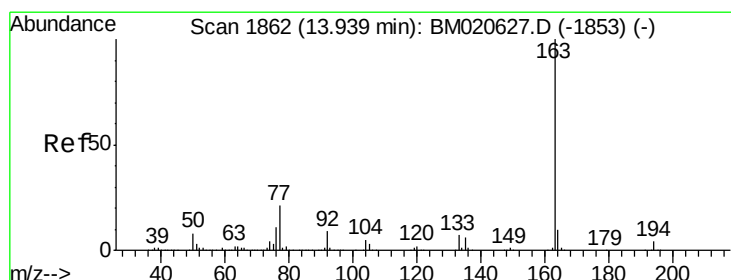
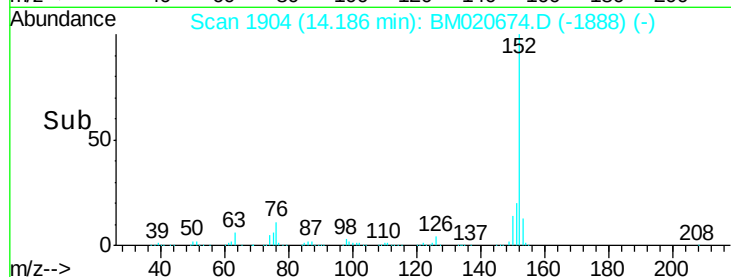
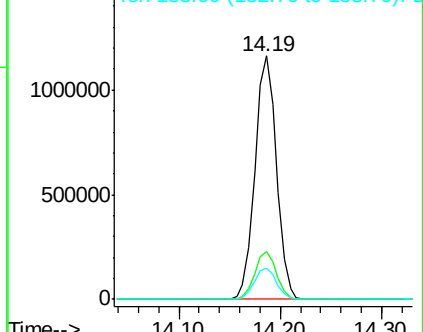


Abundance

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: 10.915 ng

RT: 13.93 min Scan# 1860

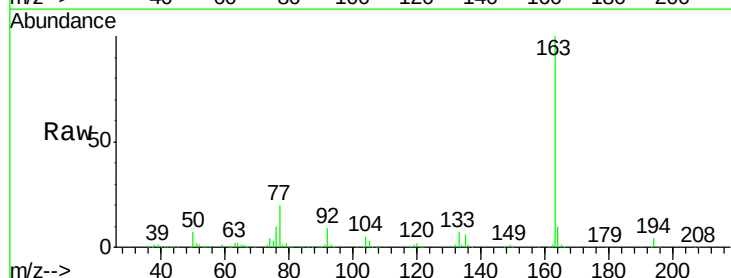
Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion:163 Resp: 1247884

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.7	7.9	11.9

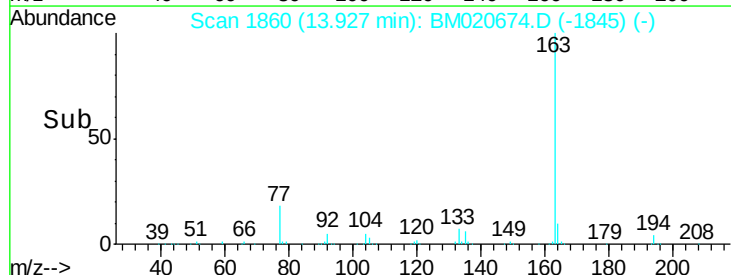
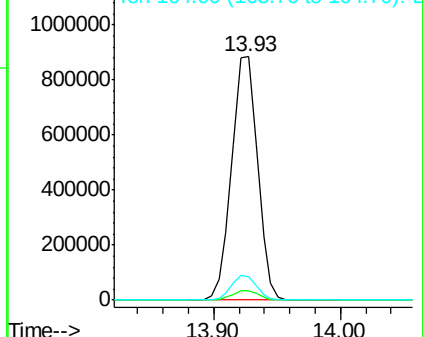


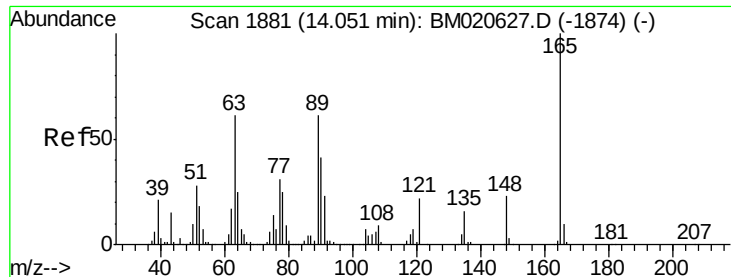
Abundance

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: 11.037 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

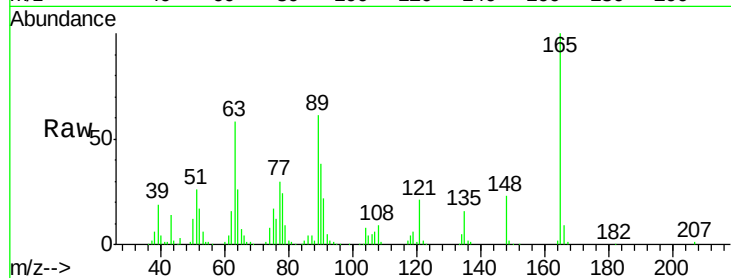
Tot Ion:165 Resp: 256221

Ion Ratio Lower Upper

165 100

63 58.1 50.4 75.6

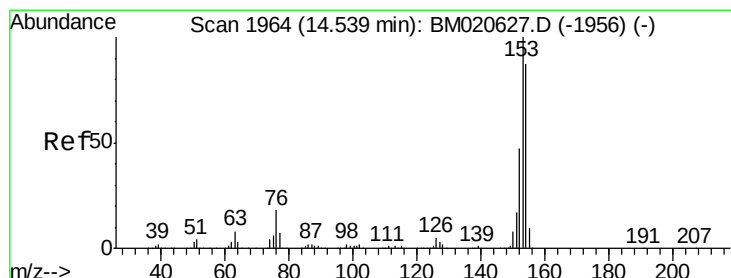
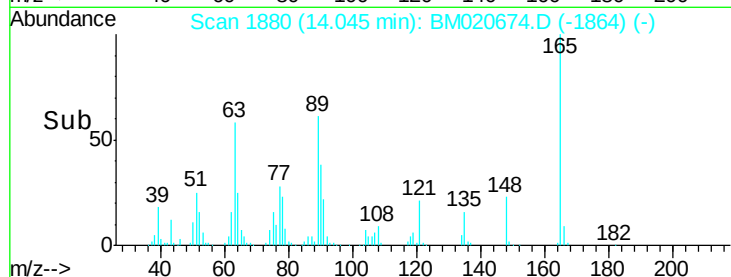
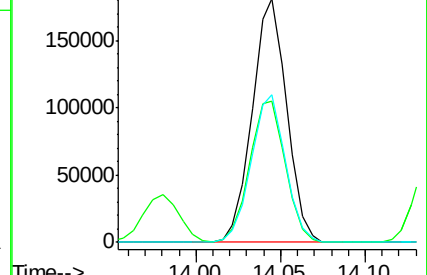
89 60.6 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 12.010 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

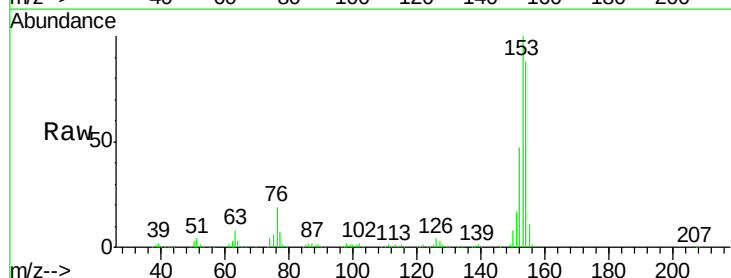
Tgt Ion:154 Resp: 1007338

Ion Ratio Lower Upper

154 100

153 114.0 92.4 138.6

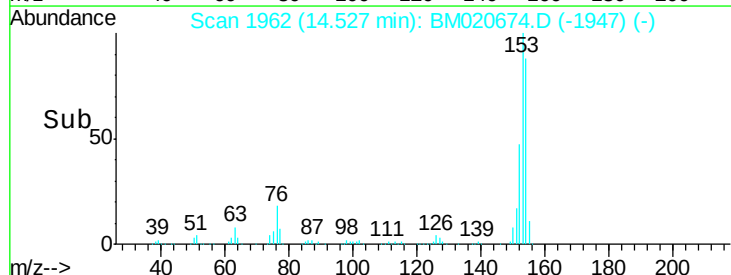
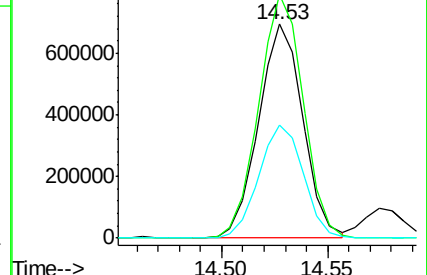
152 53.1 43.4 65.0

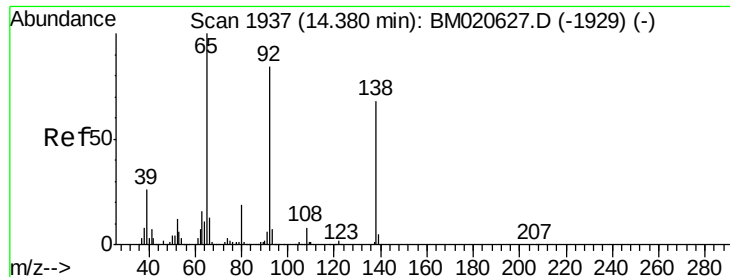


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 6.180 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

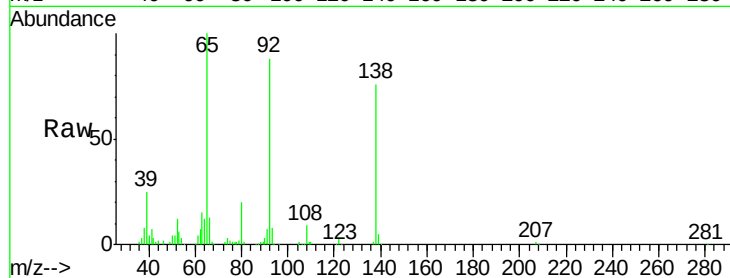
Tot Ion:138 Resp: 160137

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

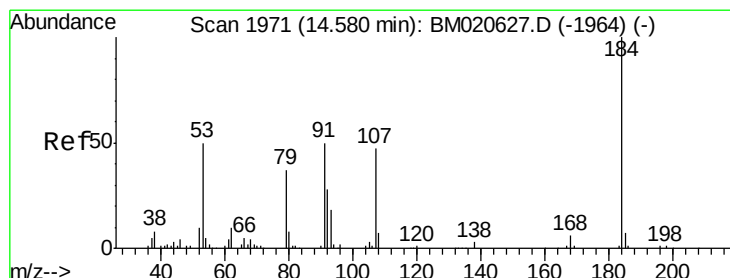
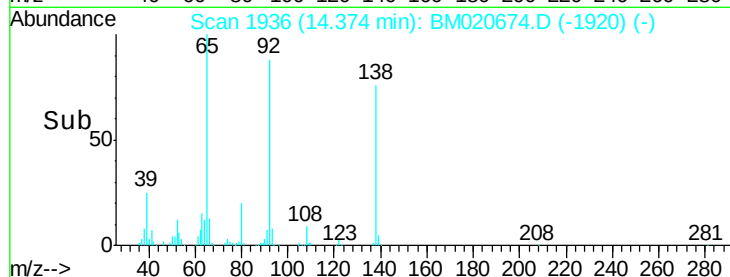
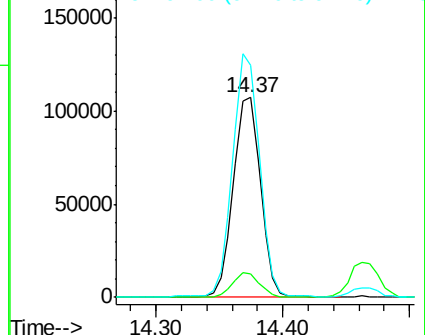
92 115.9 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 25.209 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

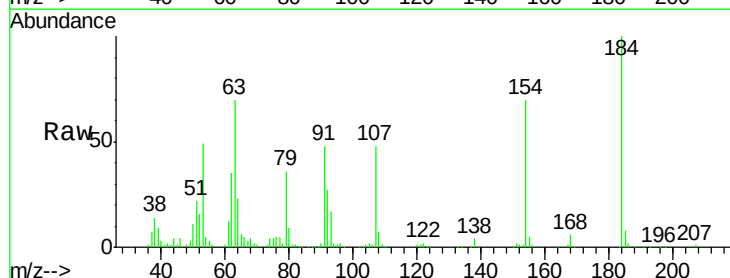
Tgt Ion:184 Resp: 197159

Ion Ratio Lower Upper

184 100

63 70.4 59.3 88.9

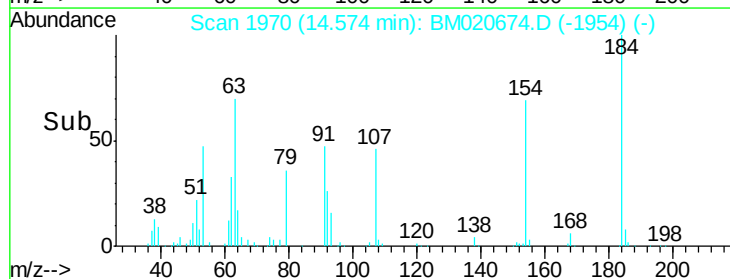
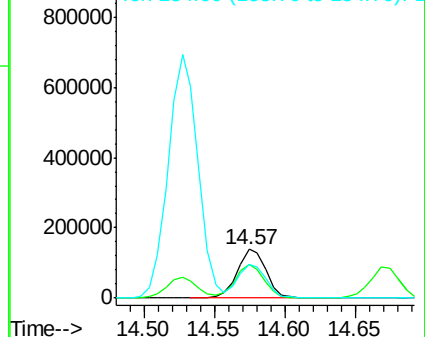
154 70.0 56.5 84.7

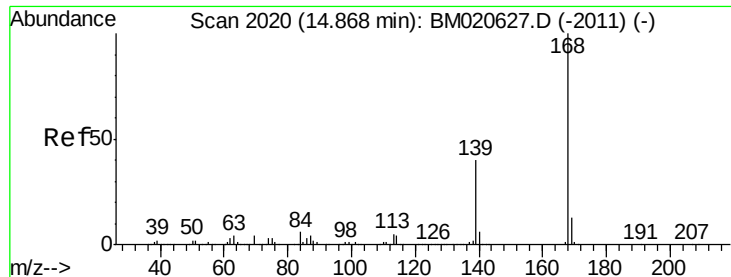


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 11.845 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

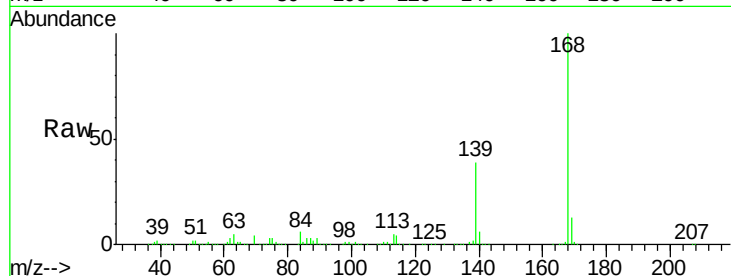
Tot Ion:168 Resp: 1543090

Ion Ratio Lower Upper

168 100

139 38.7 31.9 47.9

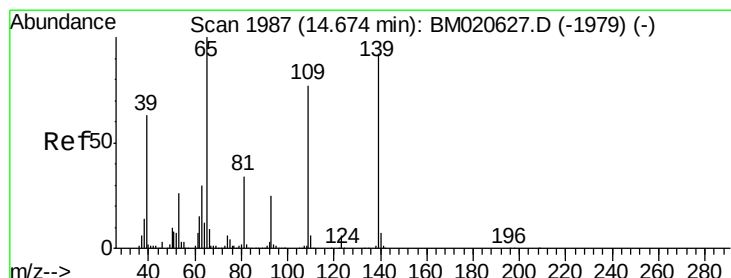
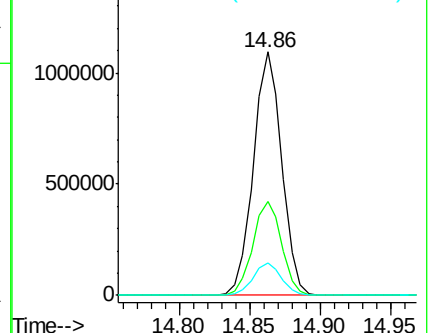
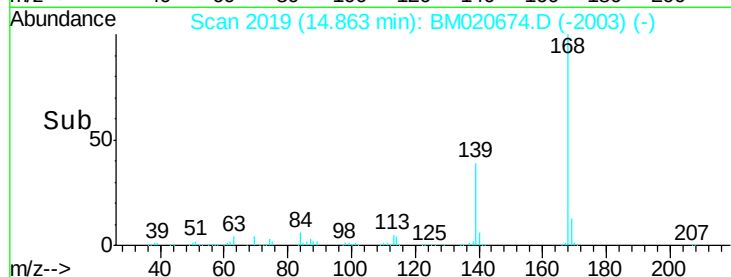
169 13.3 10.7 16.1



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: 22.305 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

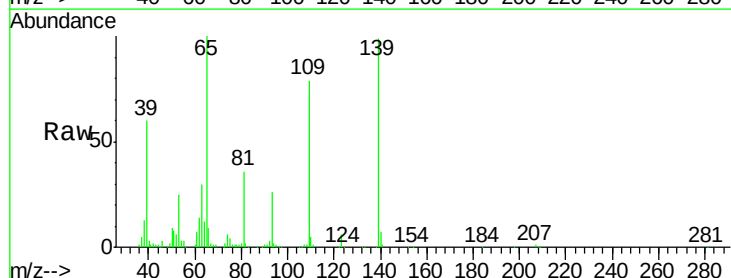
Tgt Ion:139 Resp: 425916

Ion Ratio Lower Upper

139 100

109 80.0 62.7 102.7

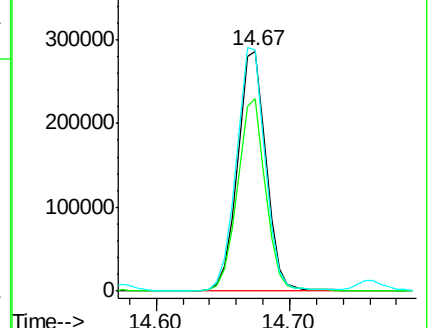
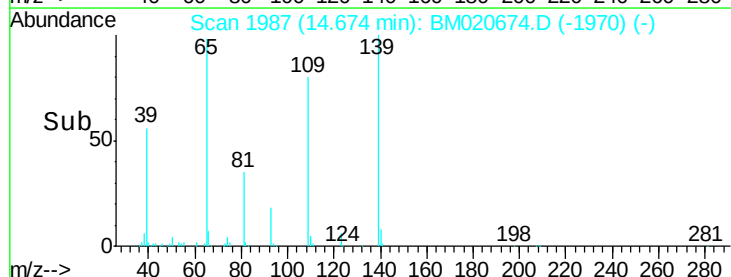
65 100.6 88.3 128.3

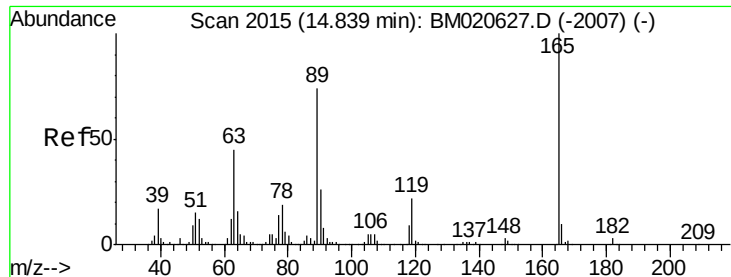


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

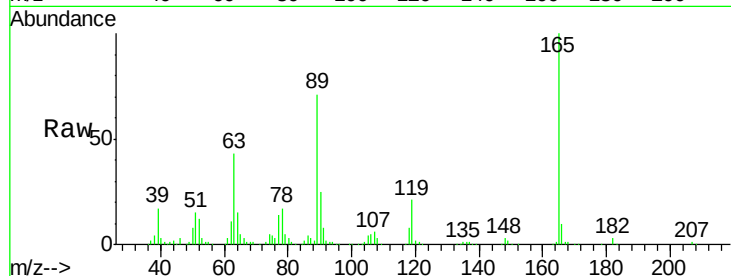




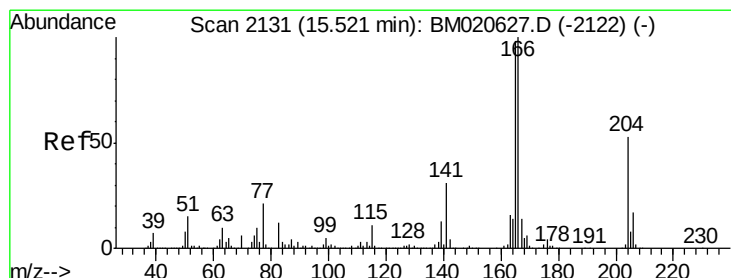
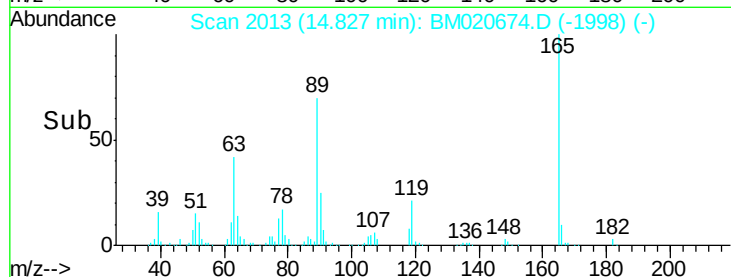
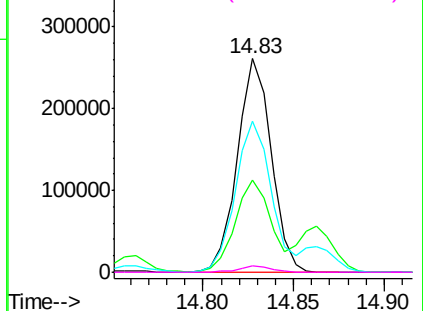
#57
2,4-Dinitrotoluene
Concen: 10.971 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:165 Resp: 341017
Ion Ratio Lower Upper
165 100
63 43.2 36.3 54.5
89 70.7 59.0 88.6
182 3.0 2.2 3.4

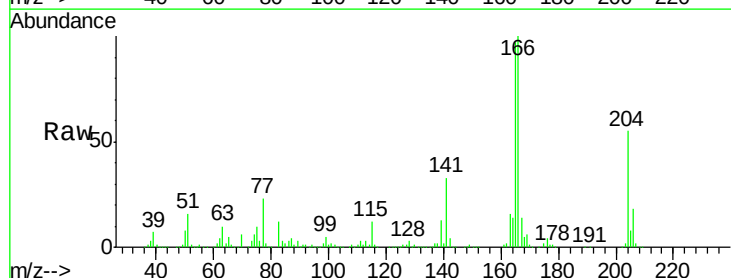


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

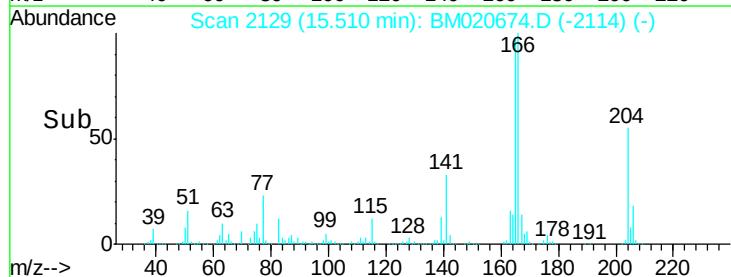
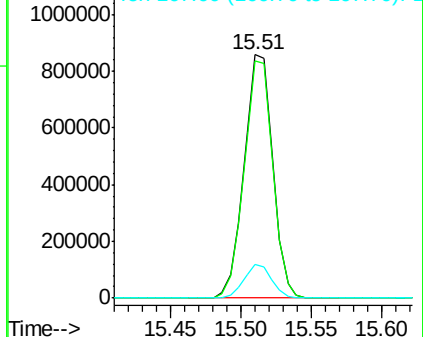


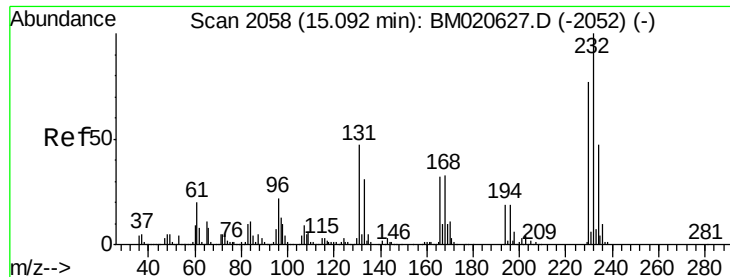
#58
Fluorene
Concen: 11.372 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:166 Resp: 1218266
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 13.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

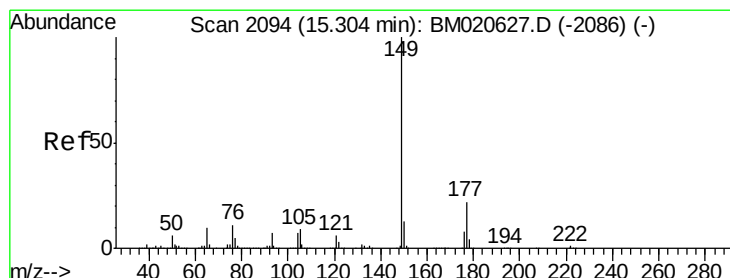
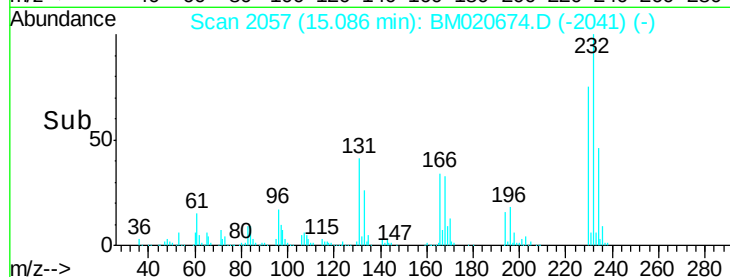
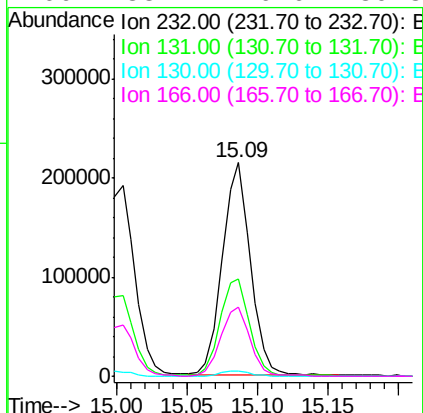
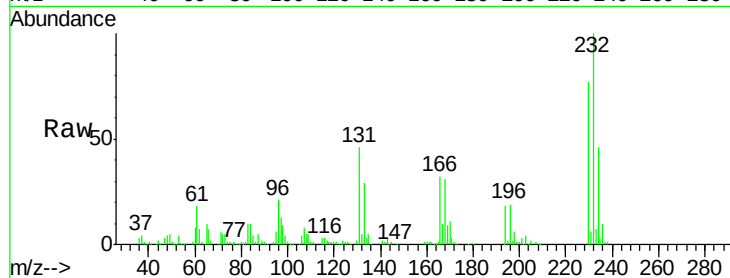




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.634 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

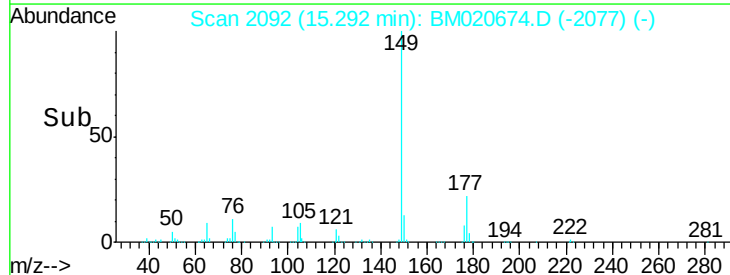
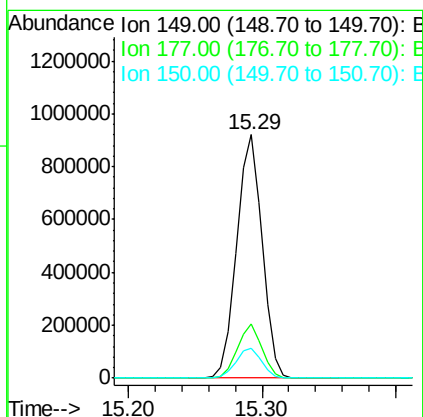
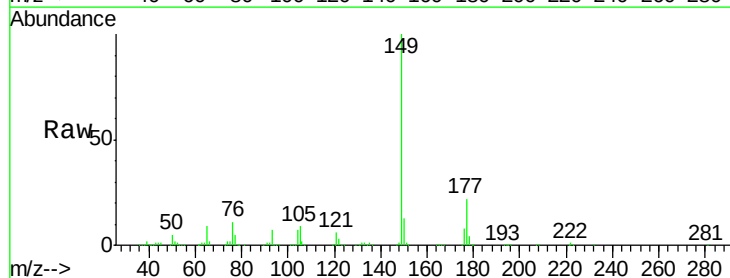
Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

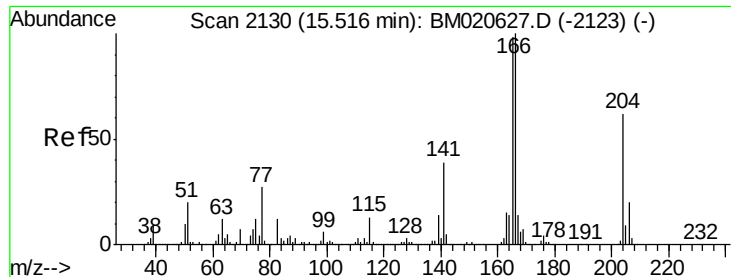
Tot Ion:	232	Resp:	295445
Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.6	57.8
130	2.6	2.2	3.2
166	33.4	26.6	39.8



#60
 Diethylphthalate
 Concen: 10.321 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

Tgt Ion:	149	Resp:	1217033
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.5	10.1	15.1

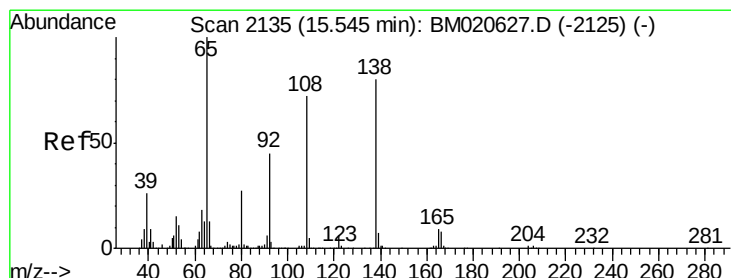
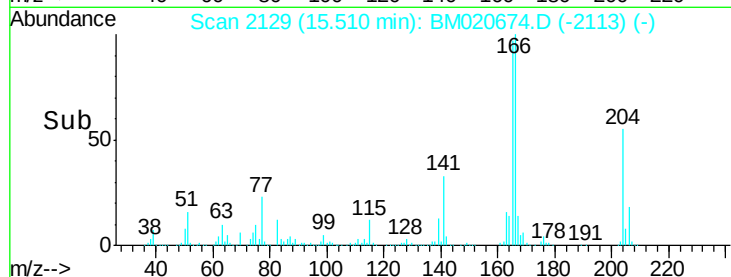
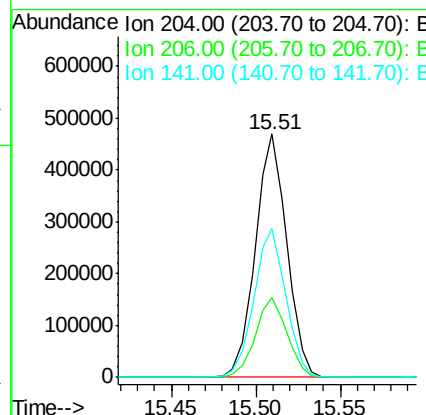
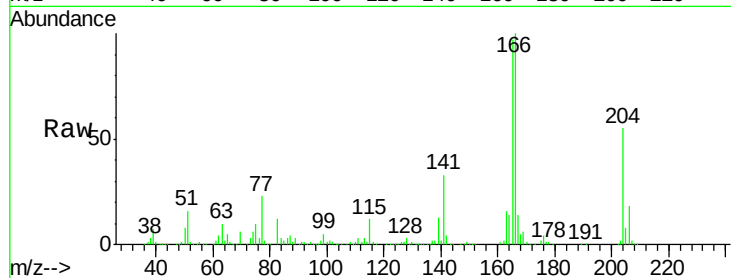




#61
4-Chlorophenyl-phenylether
Concen: 10.727 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

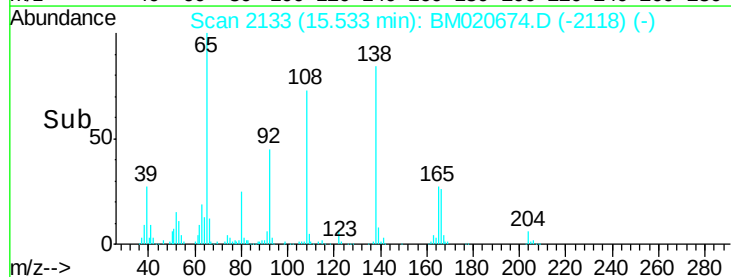
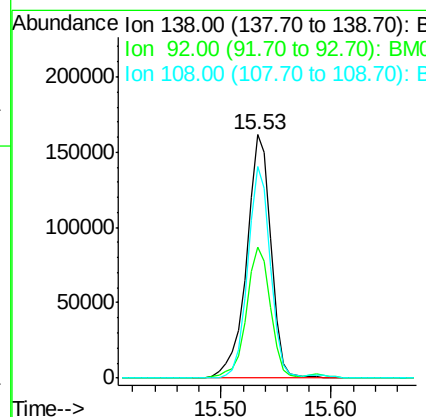
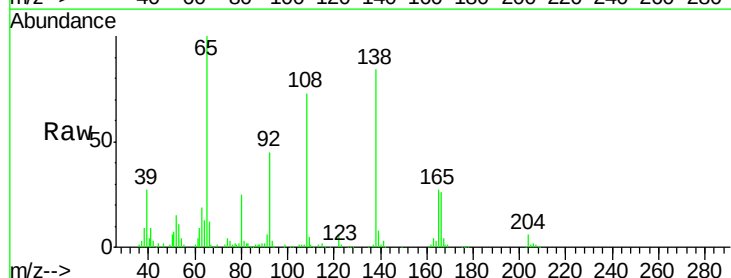
Instrument :
BNA_M
ClientSampleId :
PB120243BS

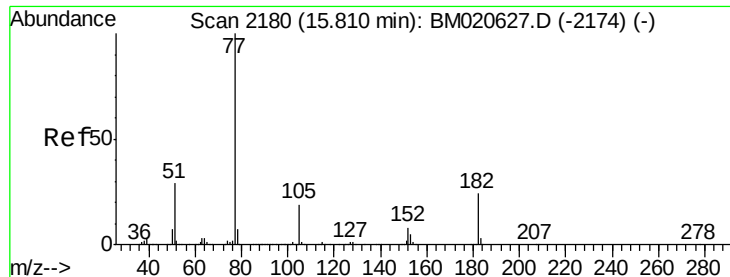
Tot Ion:204 Resp: 608438
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 61.0 50.2 75.4



#62
4-Nitroaniline
Concen: 9.140 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:138 Resp: 251188
Ion Ratio Lower Upper
138 100
92 53.7 36.7 76.7
108 86.7 70.3 110.3





#63

Azobenzene

Concen: 10.740 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tot Ion: 77 Resp: 1214110

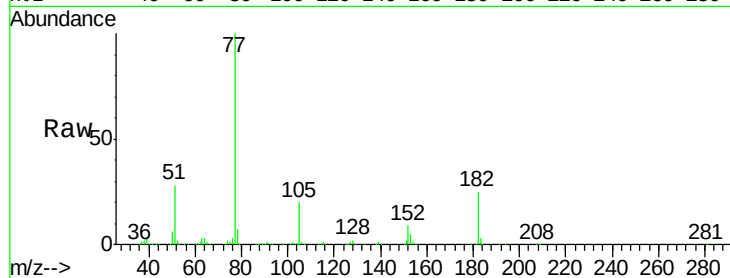
Ion Ratio Lower Upper

77 100

182 24.7 3.6 43.6

105 19.6 0.0 39.4

51 28.1 9.5 49.5

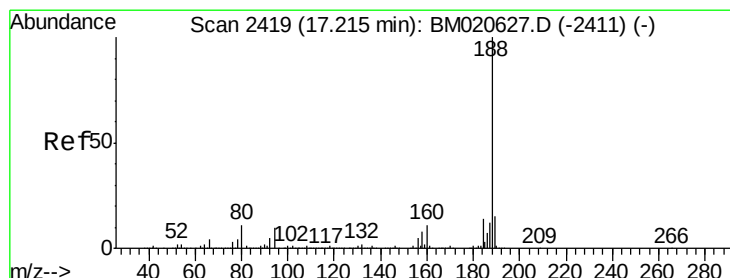
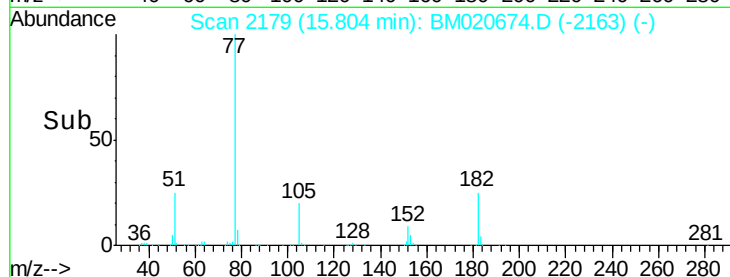
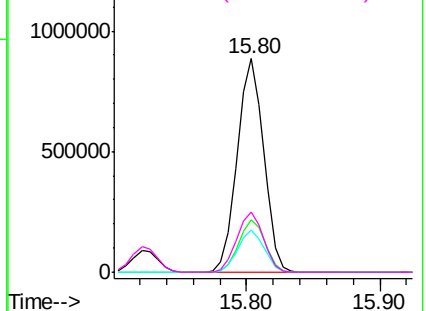


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

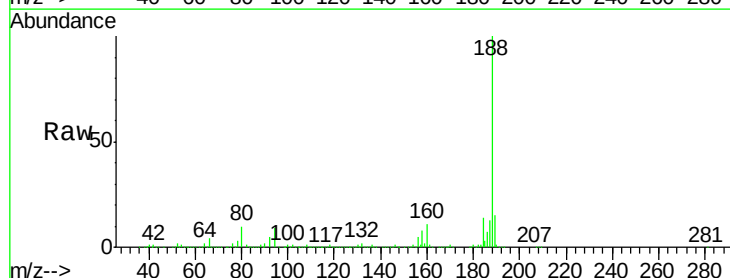
Tgt Ion: 188 Resp: 2579086

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

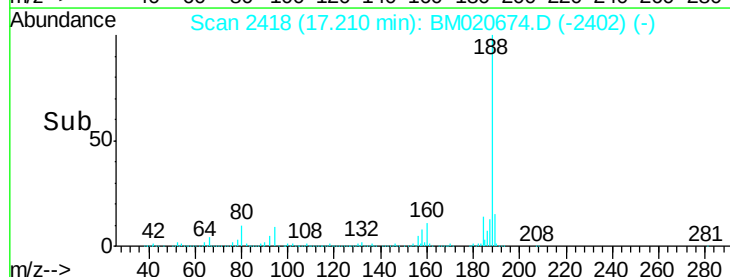
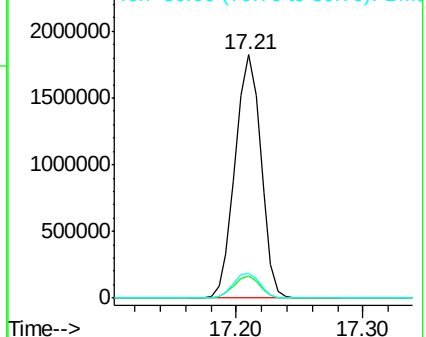
80 10.4 9.0 13.6

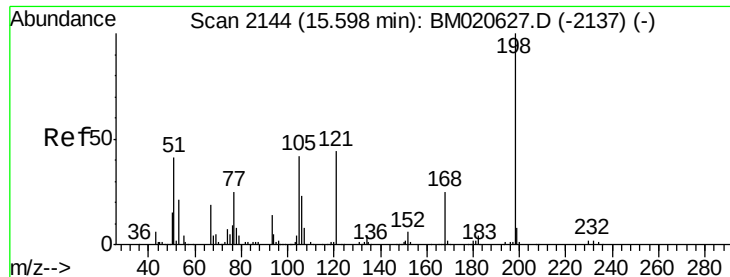


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

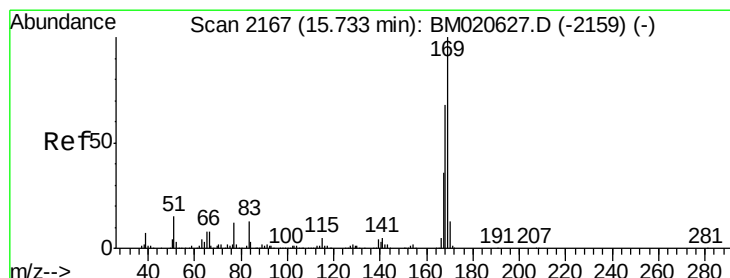
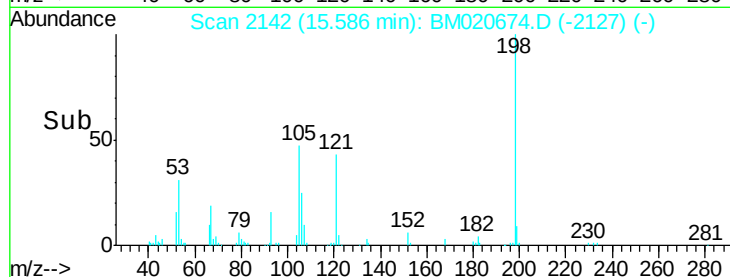
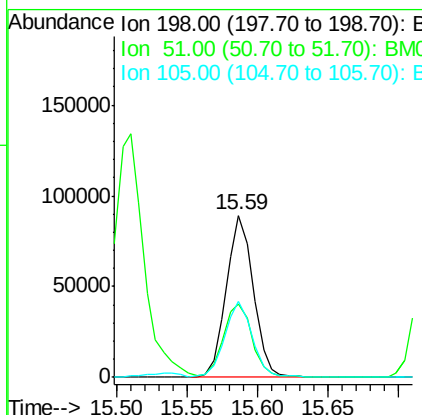
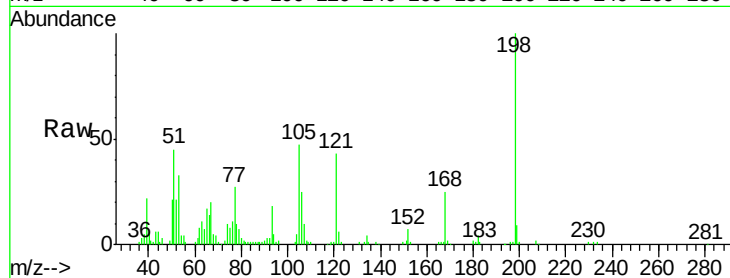




#65
 4,6-Dinitro-2-methylphenol
 Concen: 17.090 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

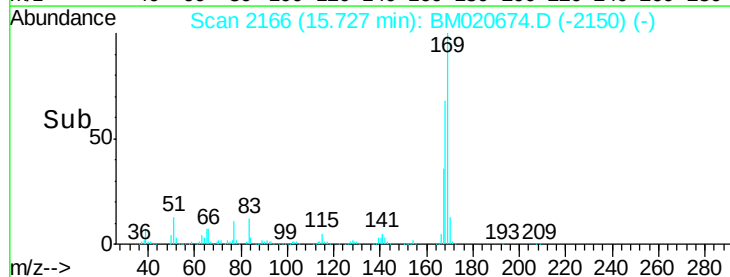
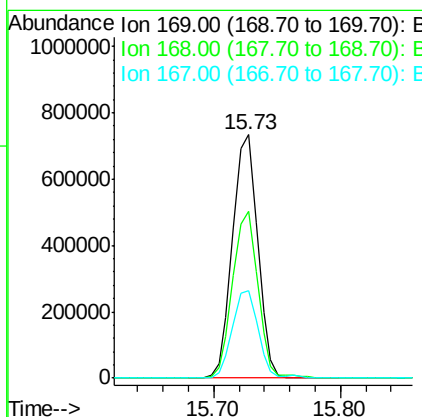
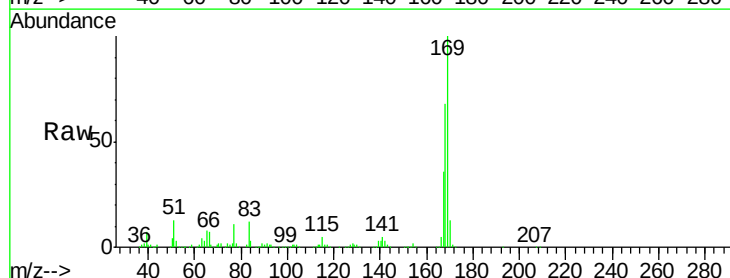
Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

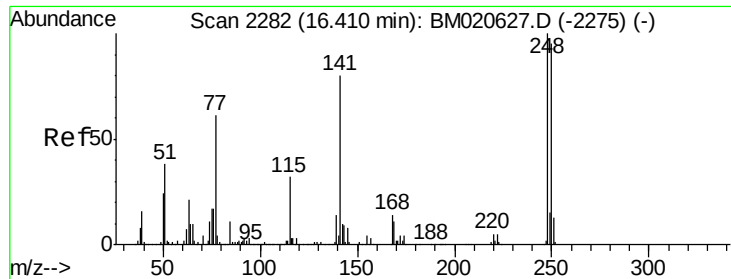
Tot Ion:198 Resp: 119179
 Ion Ratio Lower Upper
 198 100
 51 45.1 27.7 67.7
 105 47.2 23.8 63.8



#66
 n-Nitrosodiphenylamine
 Concen: 12.203 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM020674.D
 Acq: 03 Jun 2019 17:04

Tgt Ion:169 Resp: 1007530
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.2 81.4
 167 36.0 29.1 43.7

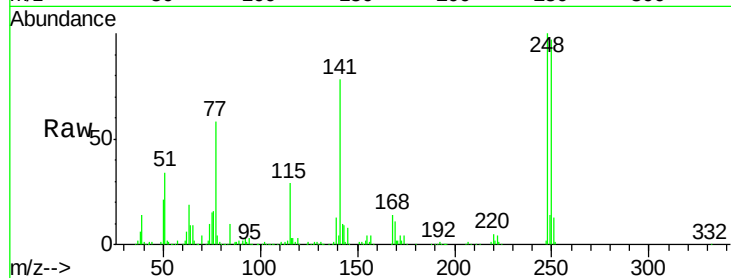




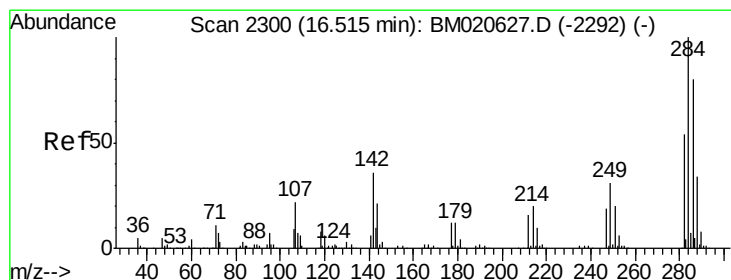
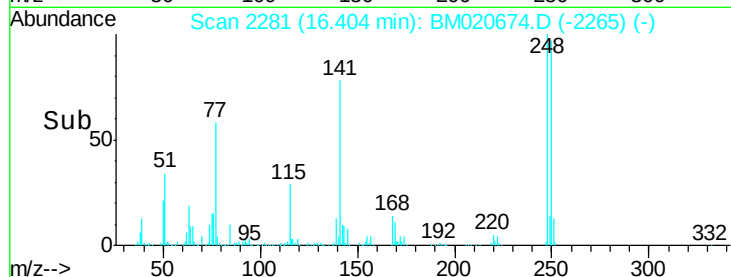
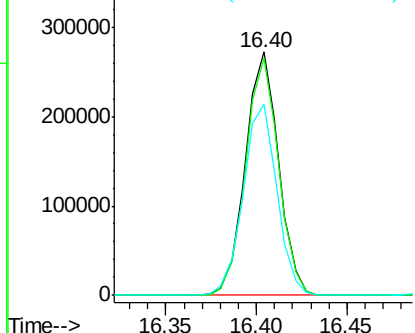
#67
4-Bromophenyl-phenylether
Concen: 11.414 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:248 Resp: 346590
Ion Ratio Lower Upper
248 100
250 97.2 76.3 114.5
141 78.3 64.2 96.2

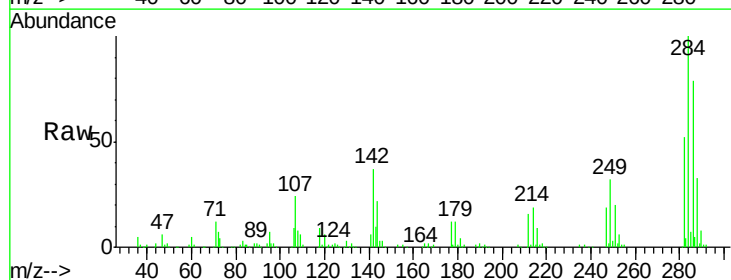


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

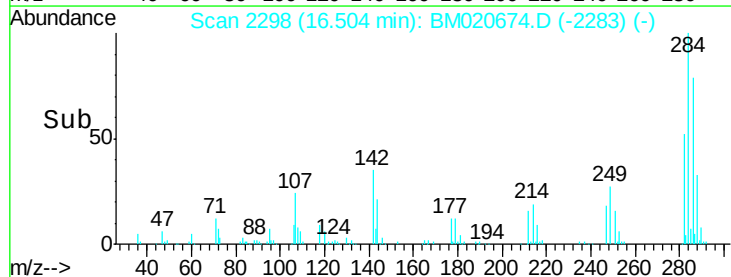
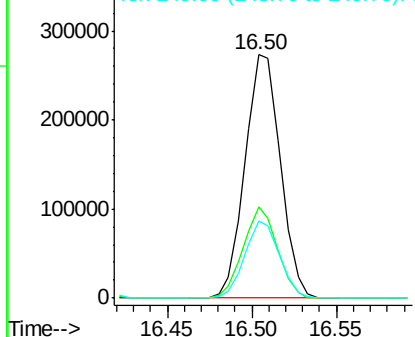


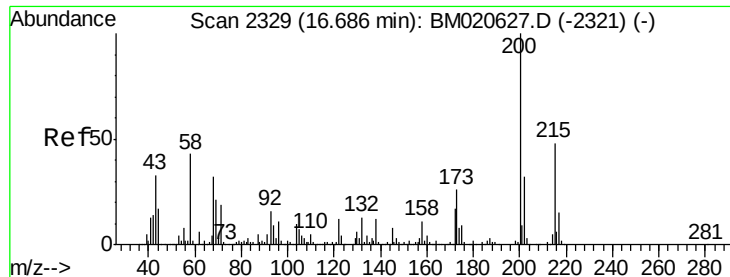
#68
Hexachlorobenzene
Concen: 11.228 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:284 Resp: 398142
Ion Ratio Lower Upper
284 100
142 37.4 28.6 42.8
249 31.5 25.0 37.4



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





#69

Atrazine

Concen: 12.212 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

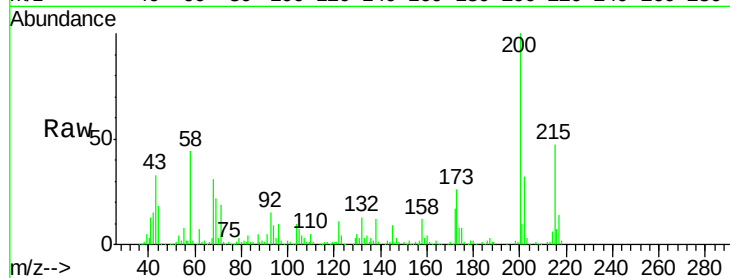
Tot Ion:200 Resp: 300922

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

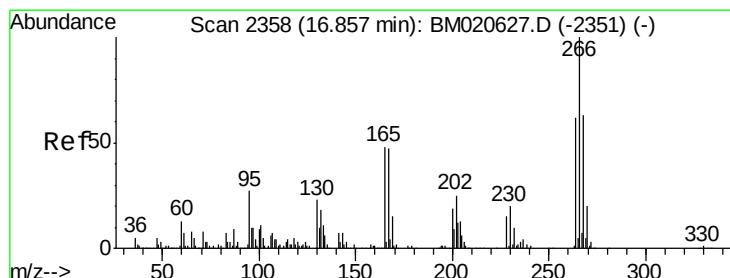
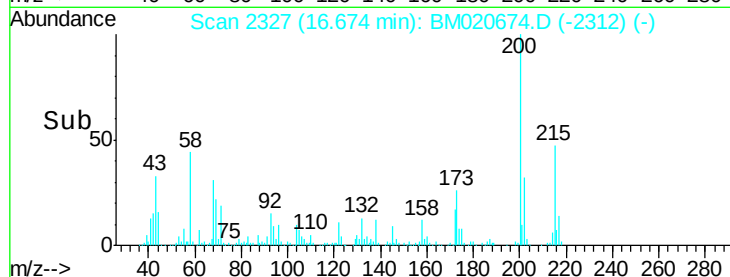
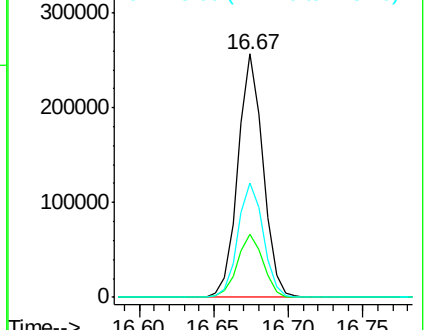
215 47.1 27.7 67.7



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: 25.351 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

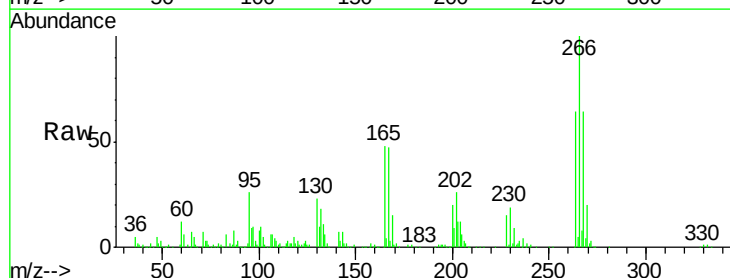
Tgt Ion:266 Resp: 428839

Ion Ratio Lower Upper

266 100

268 63.7 50.6 75.8

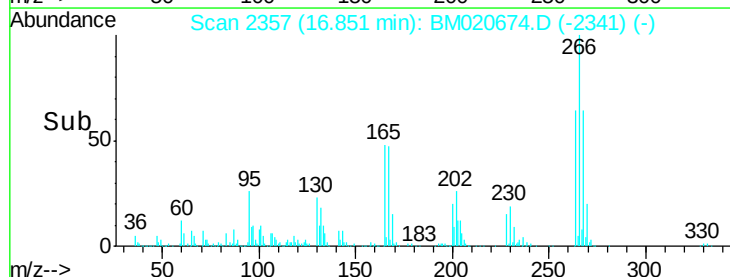
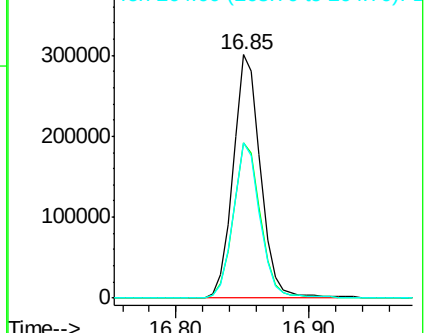
264 63.6 49.6 74.4

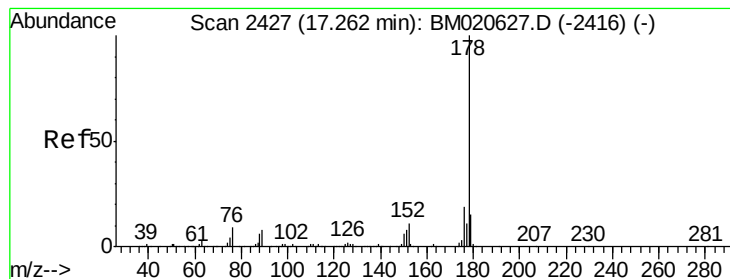


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.717 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

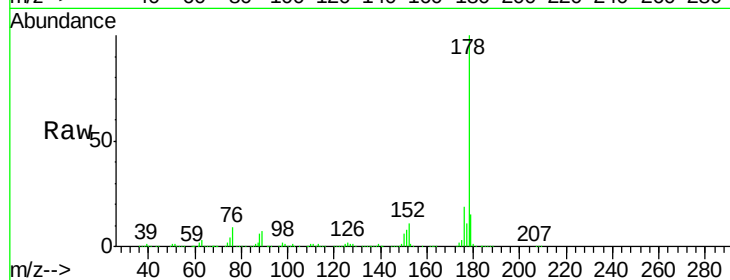
BNA_M

ClientSampleId :

PB120243BS

Tot Ion:178 Resp: 1712907

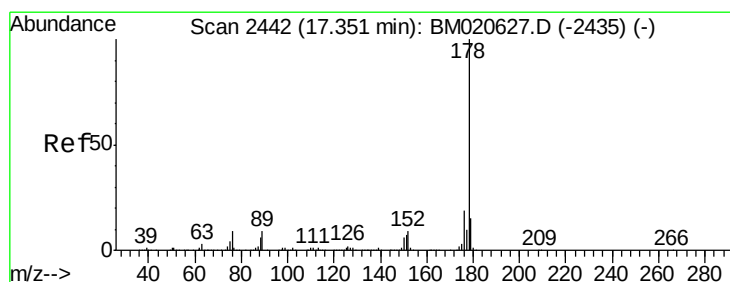
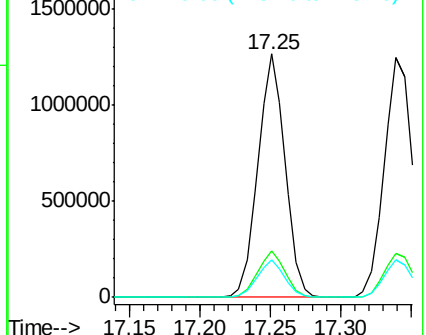
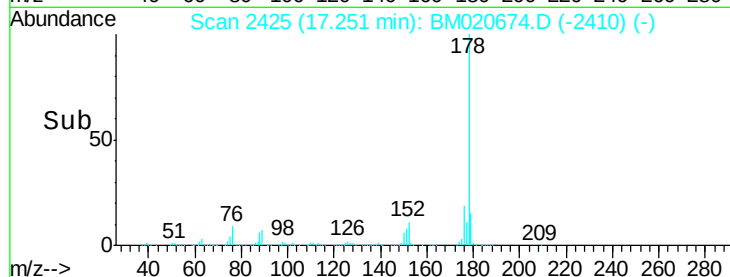
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.3	12.2	18.4



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: 11.922 ng

RT: 17.34 min Scan# 2440

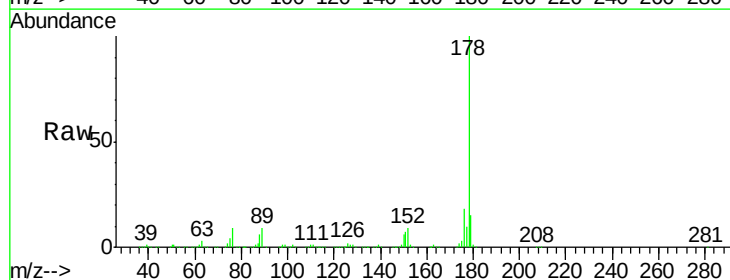
Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion:178 Resp: 1744388

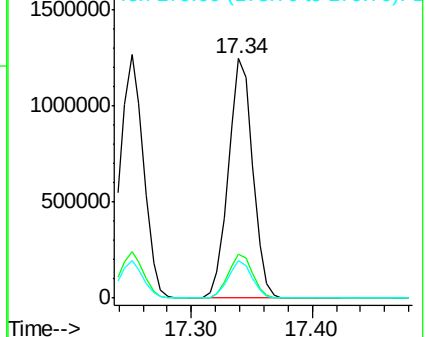
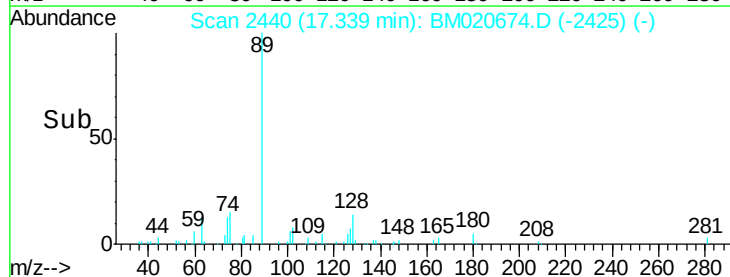
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.4	12.3	18.5

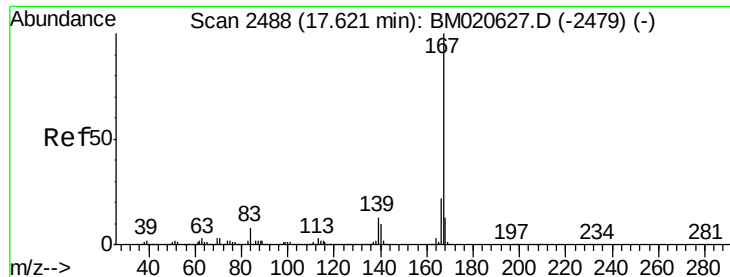


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 11.264 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

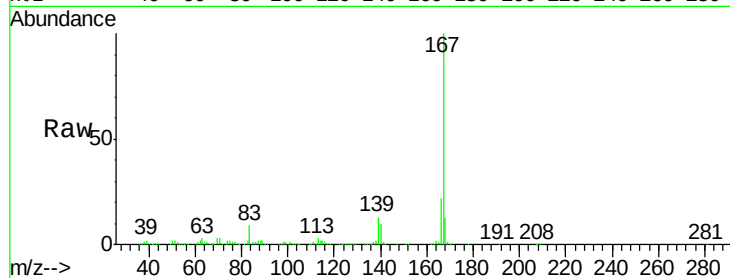
BNA_M

ClientSampled :

PB120243BS

Tot Ion:167 Resp: 1495605

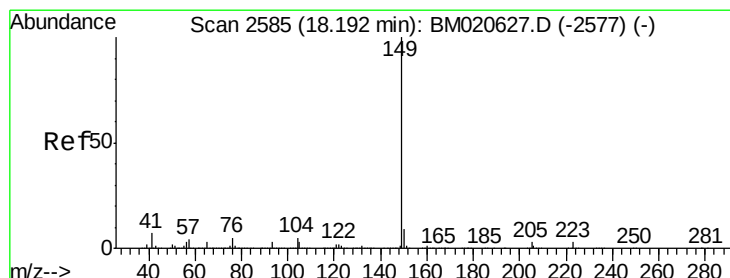
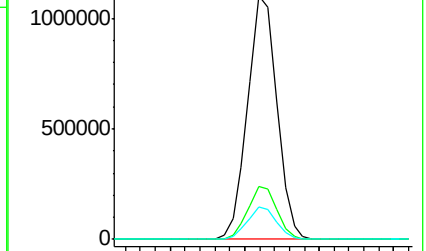
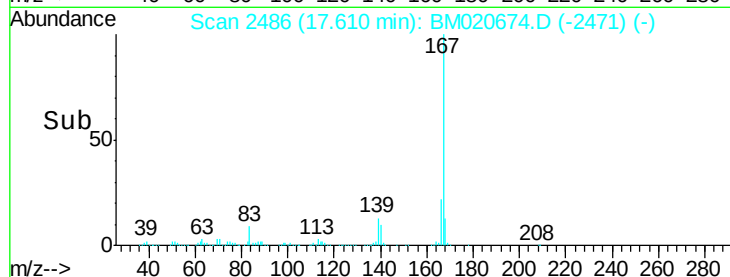
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.2	10.6	15.8



Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 10.257 ng

RT: 18.18 min Scan# 2583

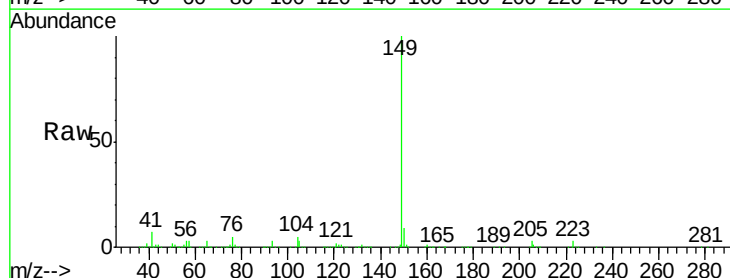
Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Tgt Ion:149 Resp: 1767855

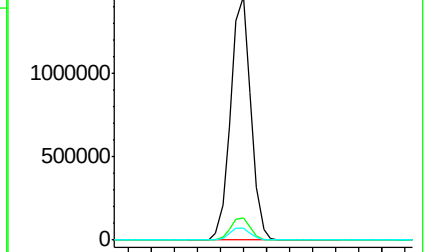
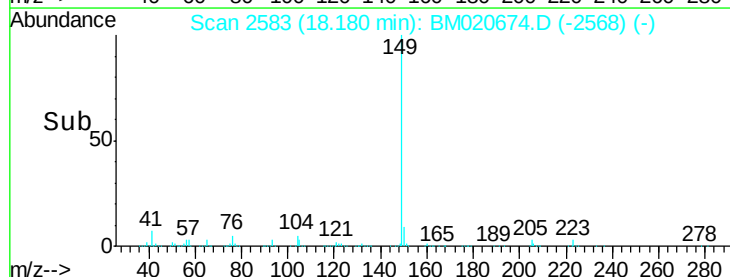
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.1	4.2	6.2

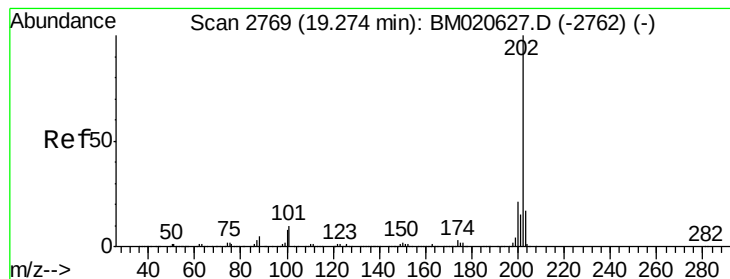


Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.056 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

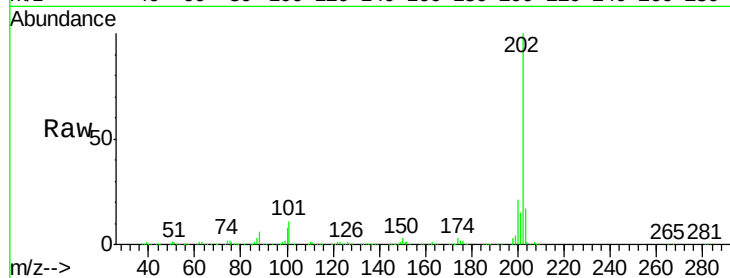
Tot Ion:202 Resp: 1797394

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.4

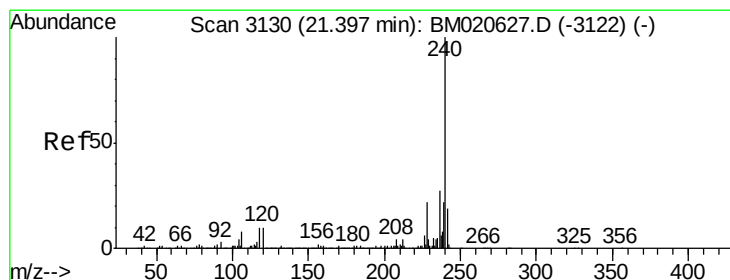
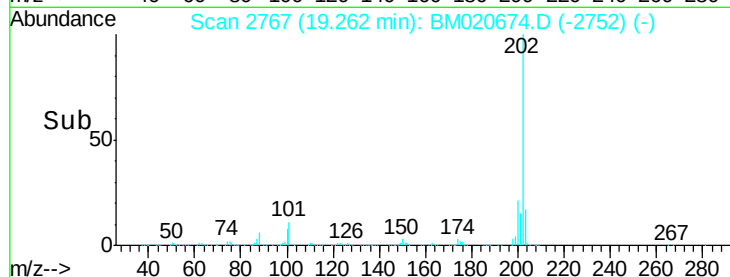
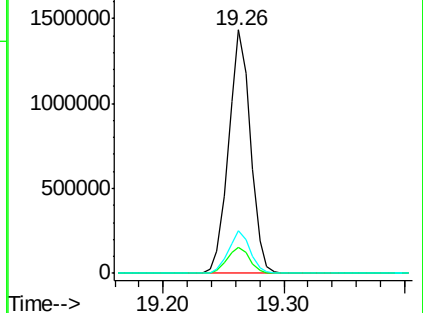
203 17.4 0.0 37.3



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: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

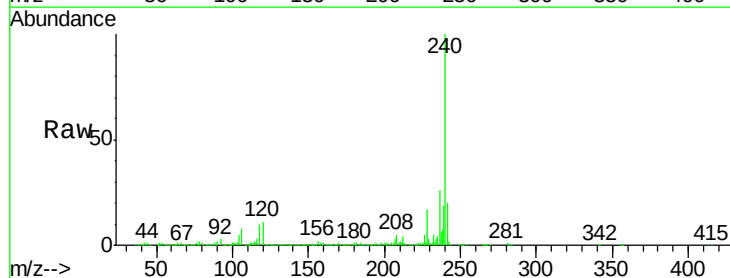
Tgt Ion:240 Resp: 2362877

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

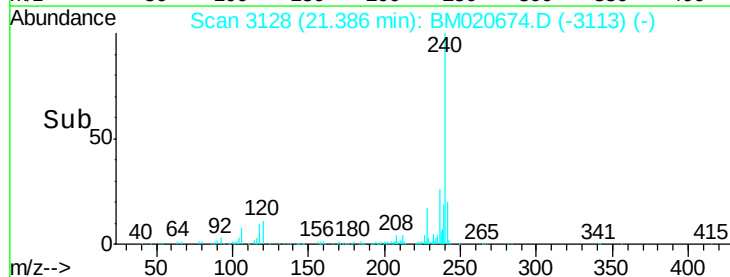
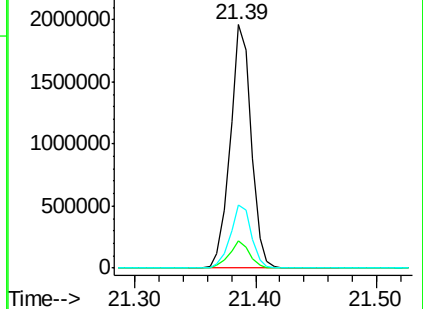
236 26.0 21.2 31.8

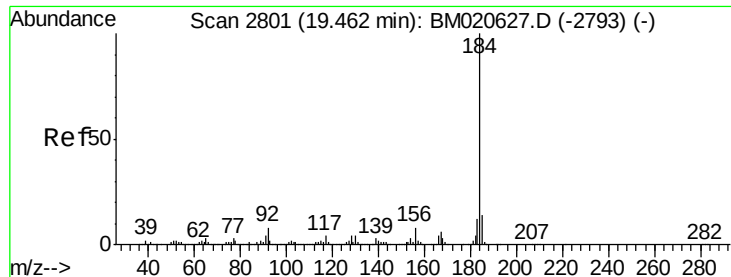


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.066 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

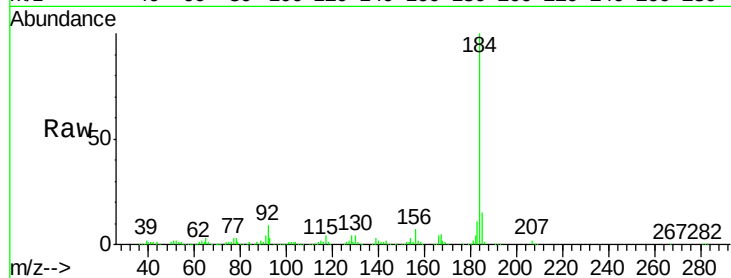
Tot Ion:184 Resp: 720727

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

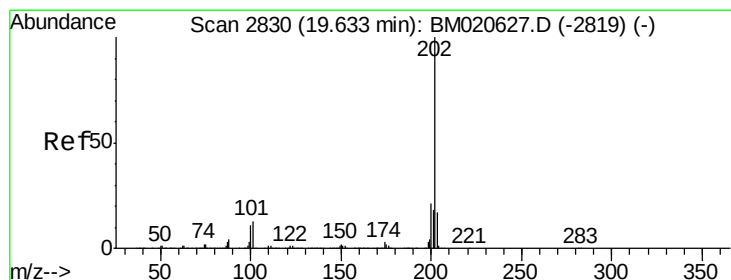
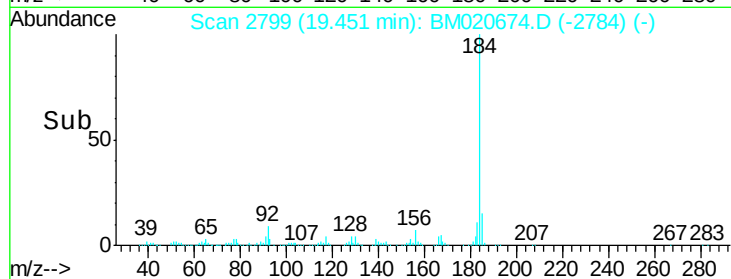
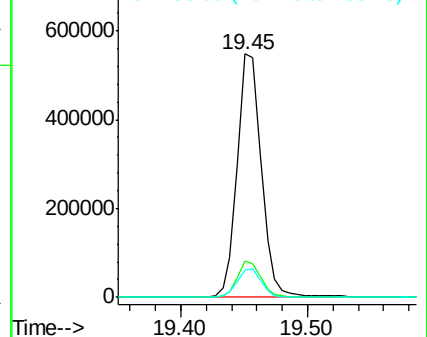
183 11.5 9.8 14.6



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: 10.187 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

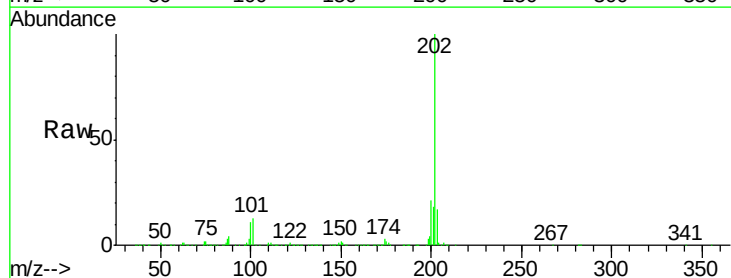
Tgt Ion:202 Resp: 1847100

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

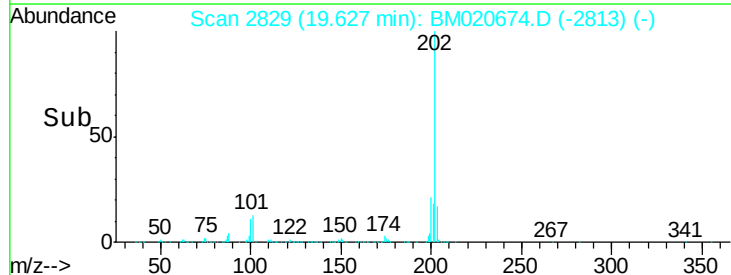
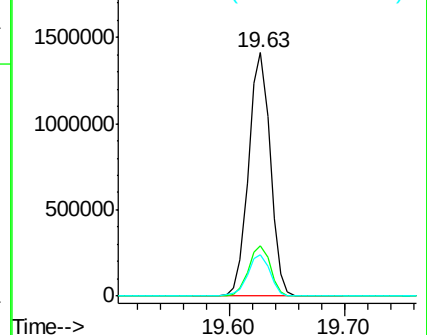
203 17.0 13.9 20.9

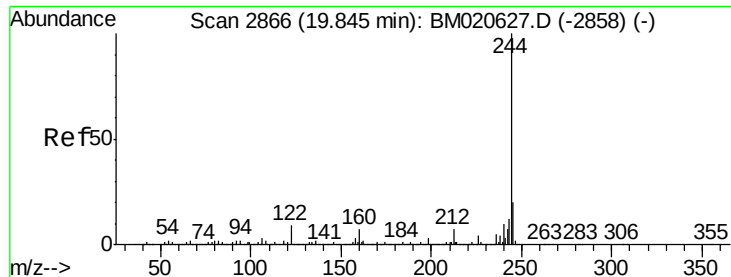


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.618 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

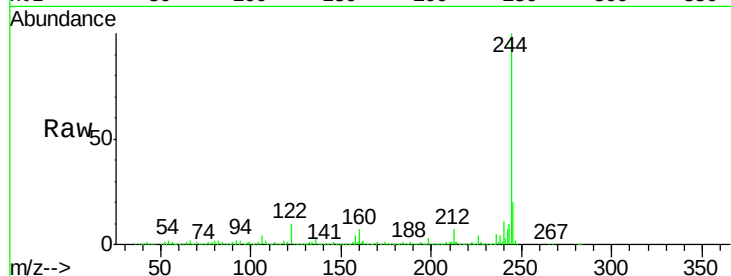
Tot Ion:244 Resp: 8139404

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

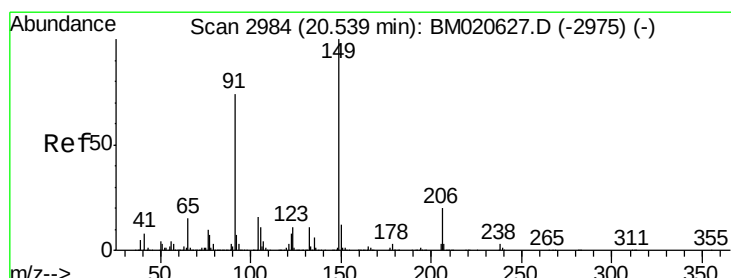
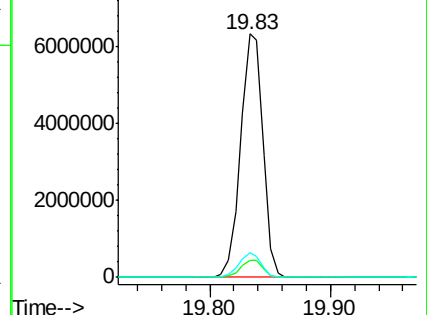
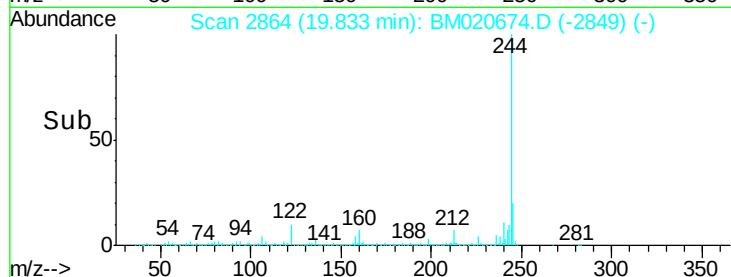
122 10.0 7.2 10.8



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: 9.326 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

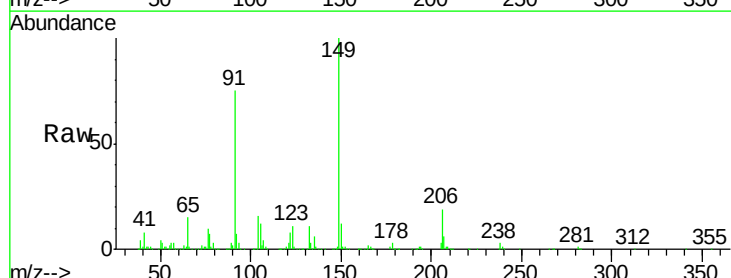
Tgt Ion:149 Resp: 714626

Ion Ratio Lower Upper

149 100

91 74.9 59.6 89.4

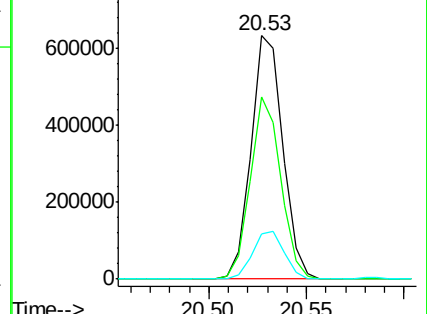
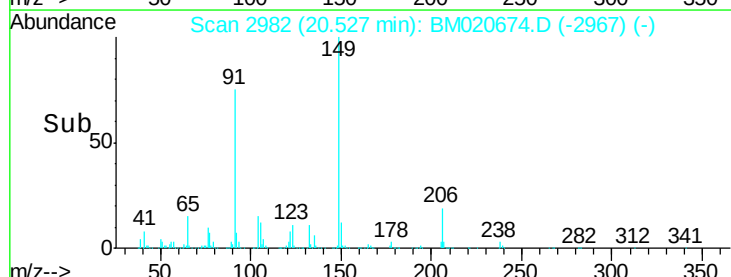
206 18.6 15.7 23.5

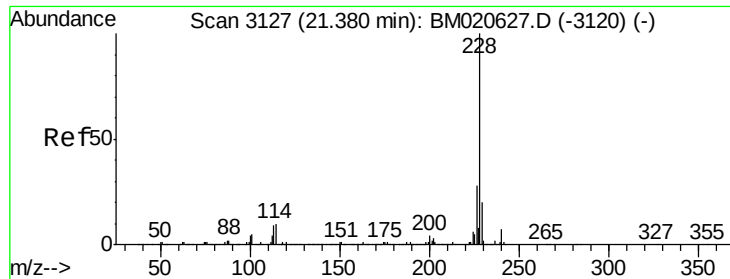


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

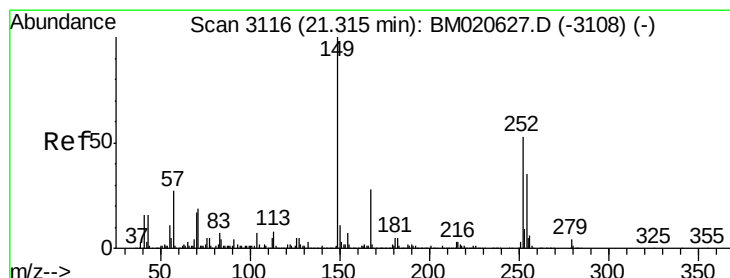
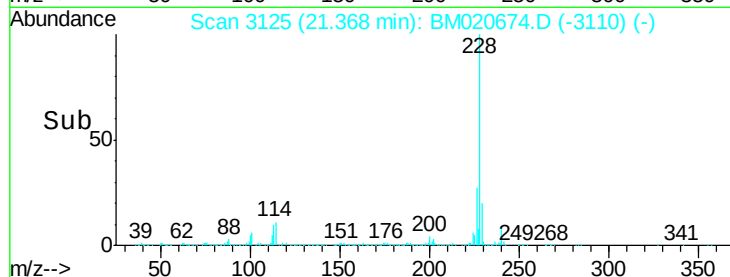
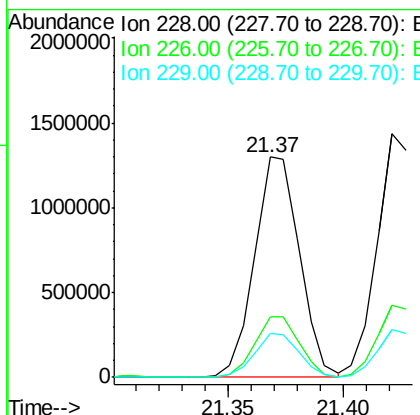
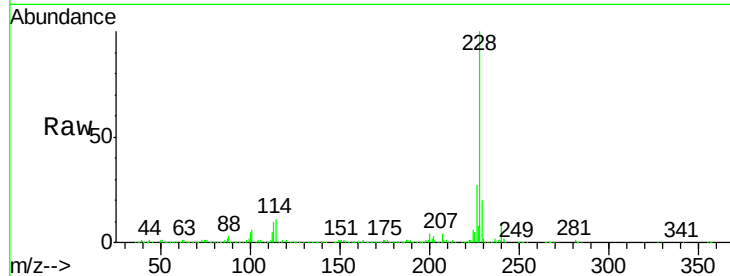




#81
Benzo(a)anthracene
Concen: 10.726 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

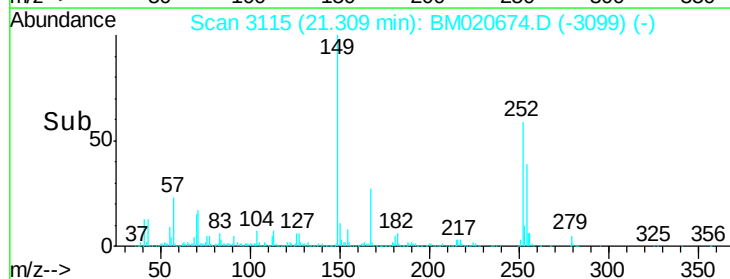
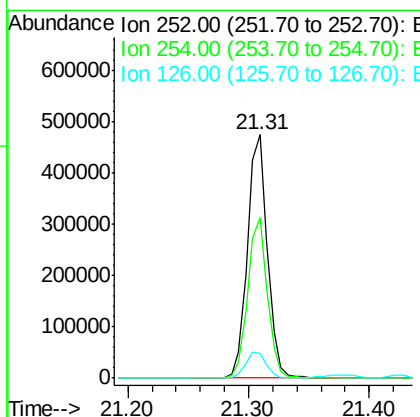
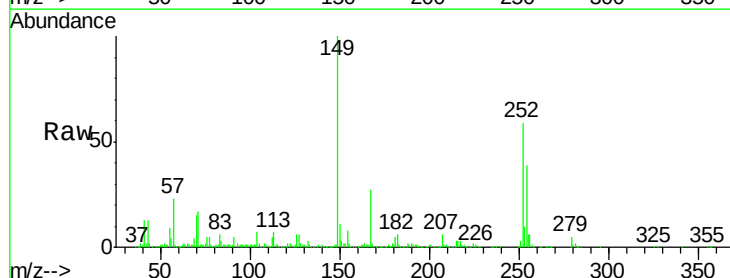
Instrument :
BNA_M
ClientSampleId :
PB120243BS

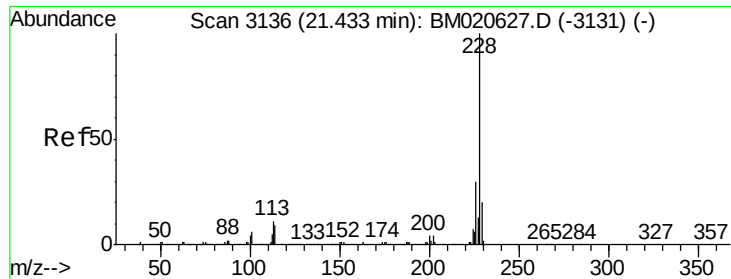
Tot Ion:228 Resp: 1764878
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 9.132 ng
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:252 Resp: 550272
Ion Ratio Lower Upper
252 100
254 65.8 52.6 78.8
126 10.3 8.0 12.0





#83

Chrysene

Concen: 11.251 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

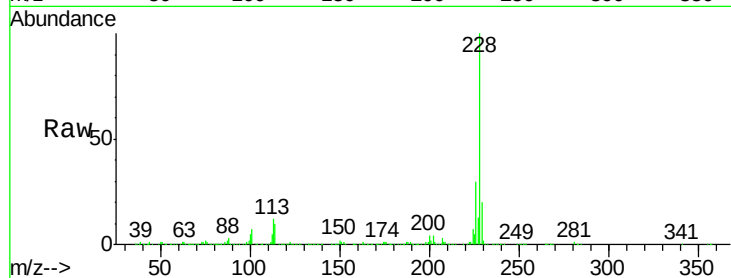
Tot Ion:228 Resp: 1759883

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

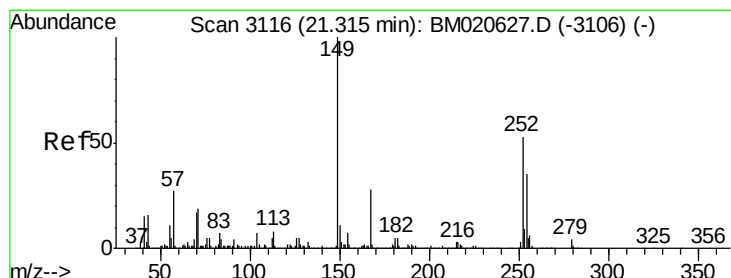
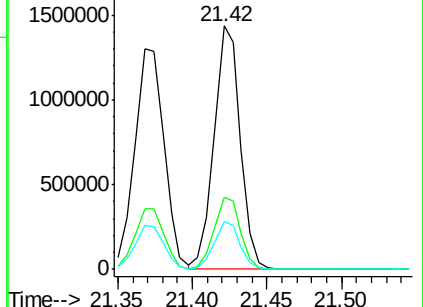
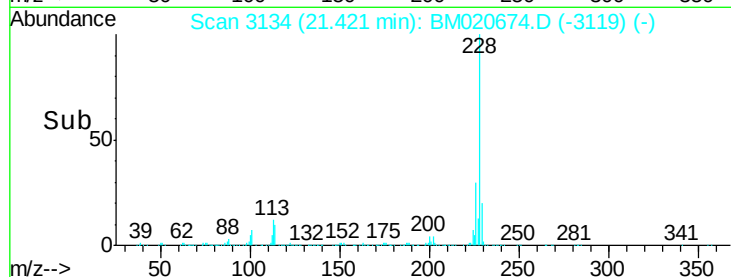
229 19.8 15.8 23.6



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: 9.259 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

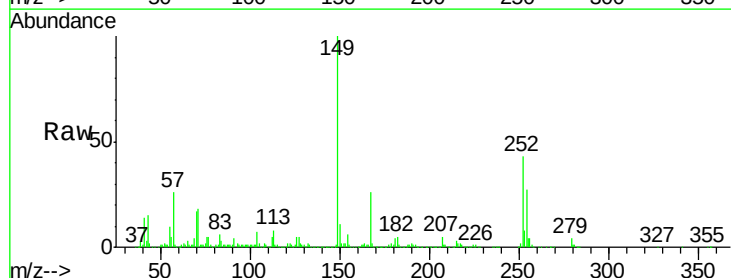
Tgt Ion:149 Resp: 1031124

Ion Ratio Lower Upper

149 100

167 26.2 22.1 33.1

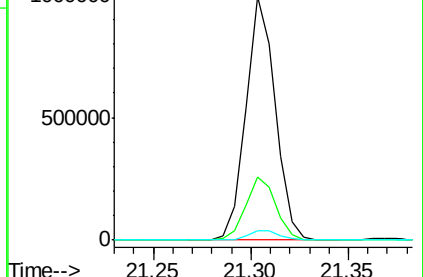
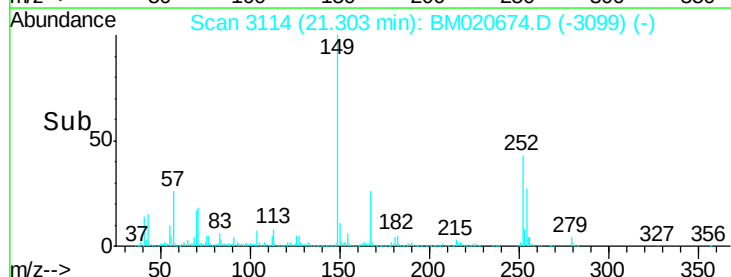
279 4.0 3.4 5.0

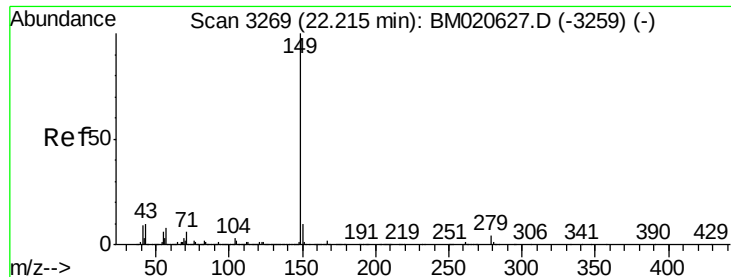


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

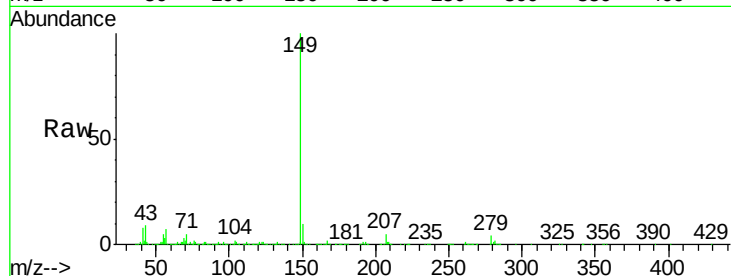




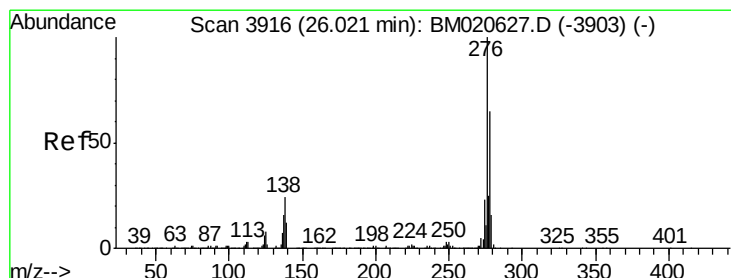
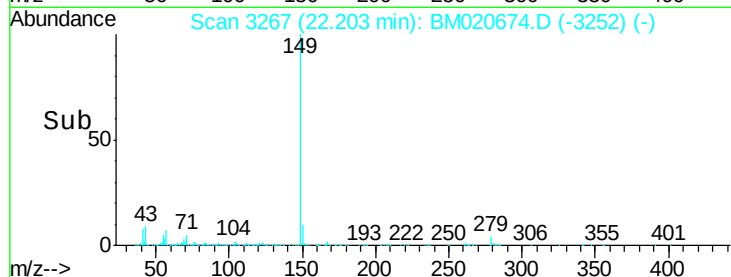
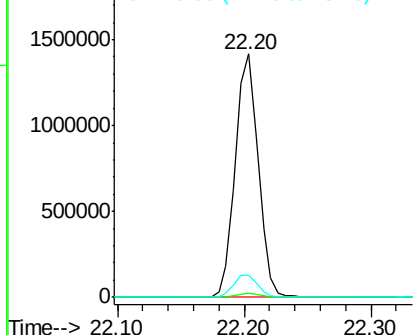
#85
Di-n-octyl phthalate
Concen: 9.969 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tot Ion:149 Resp: 1762641
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.2 12.4

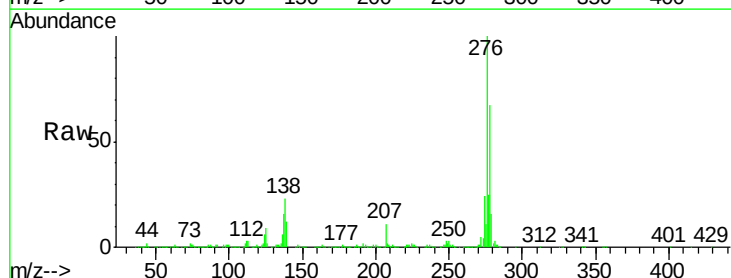


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

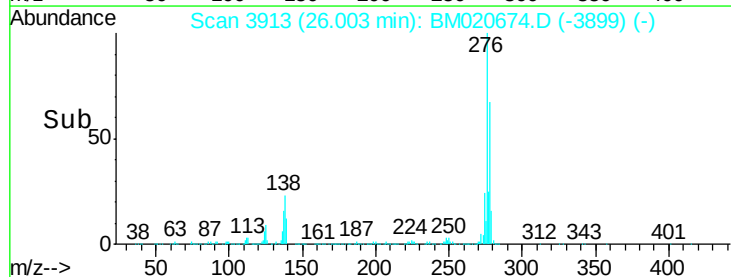
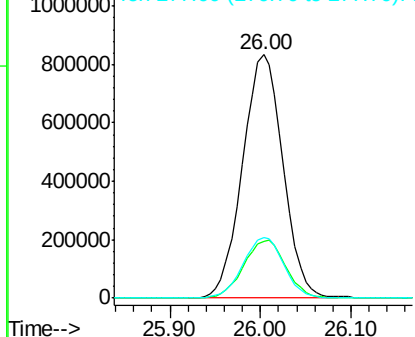


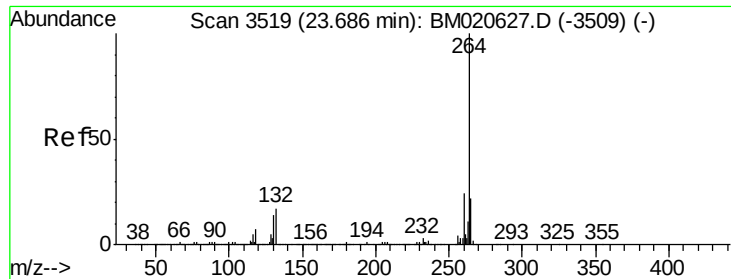
#86
Indeno(1,2,3-cd)pyrene
Concen: 16.181 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:276 Resp: 2589175
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.8
277 25.3 20.2 30.4



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: 23.68 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

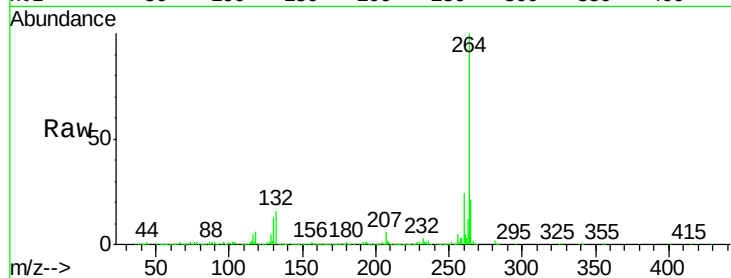
Tot Ion:264 Resp: 2959762

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

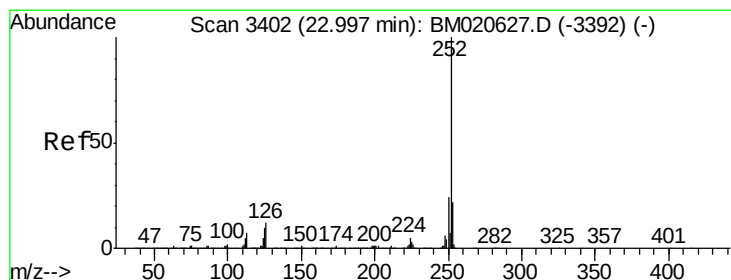
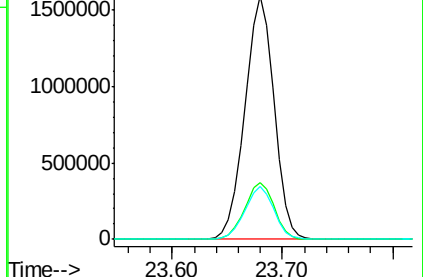
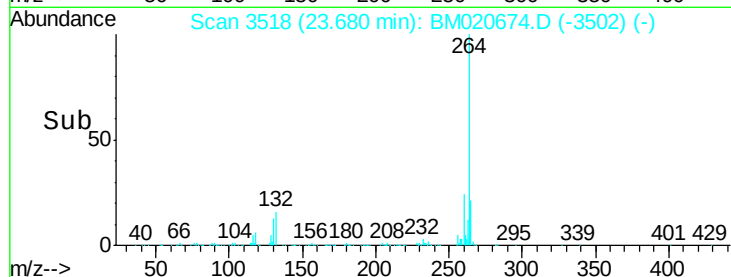
265 21.5 17.6 26.4



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: 10.210 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

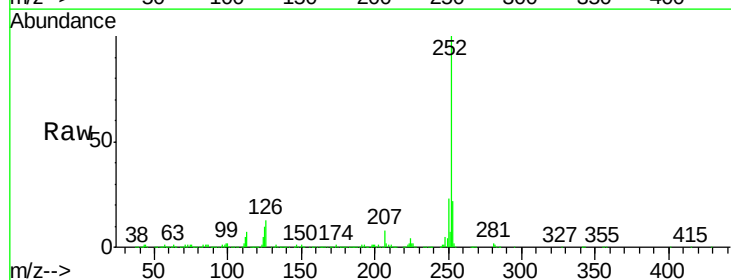
Tgt Ion:252 Resp: 1997302

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

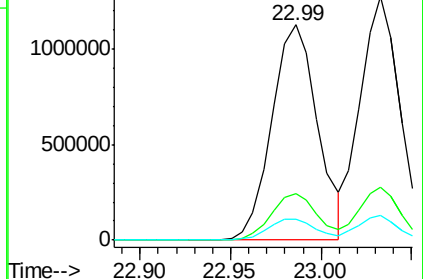
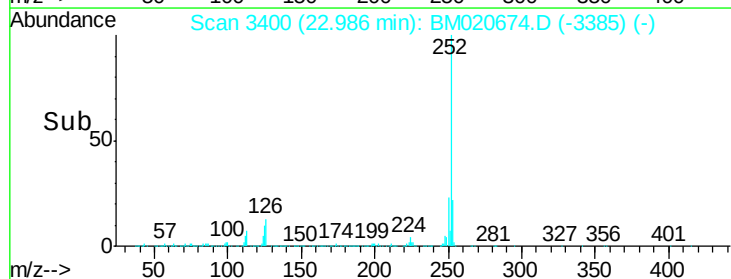
125 9.9 7.8 11.8

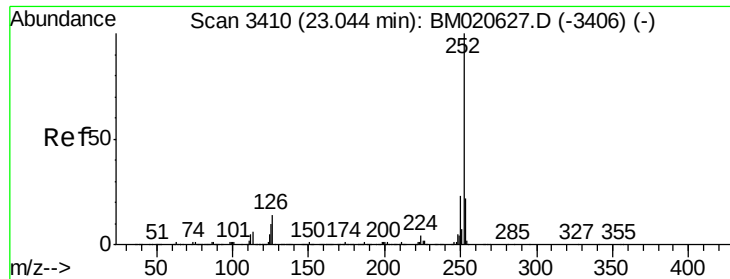


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

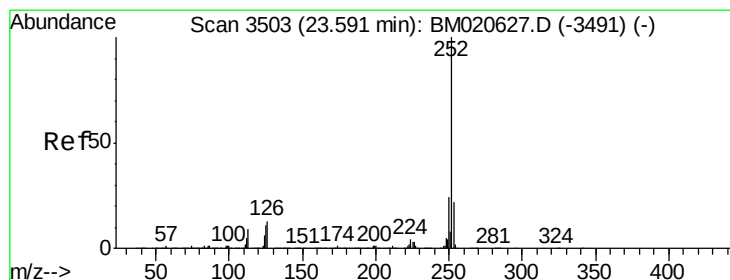
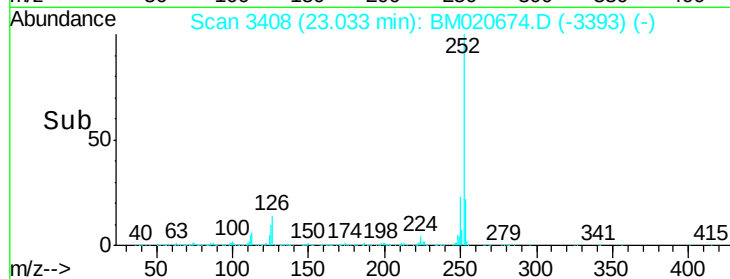
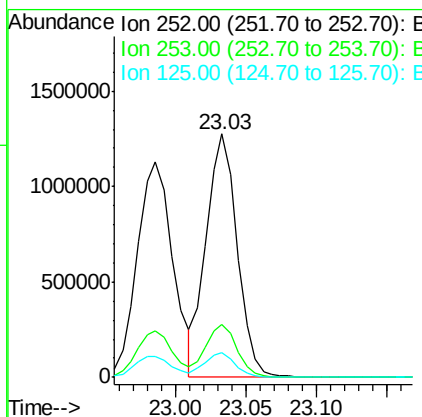
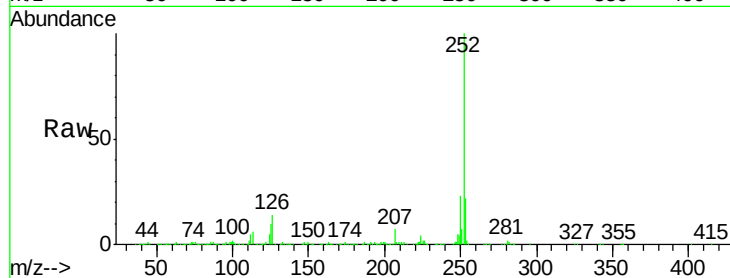




#89
Benzo(k)fluoranthene
Concen: 10.170 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

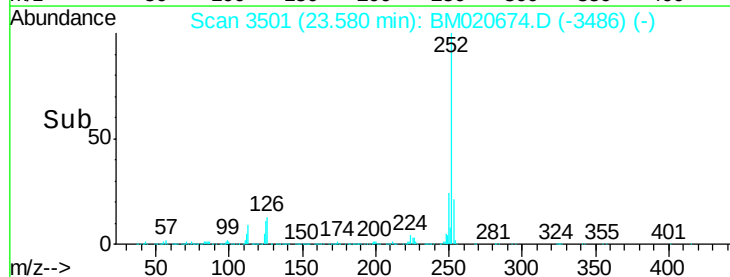
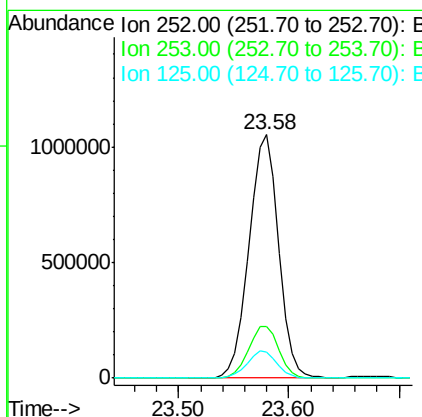
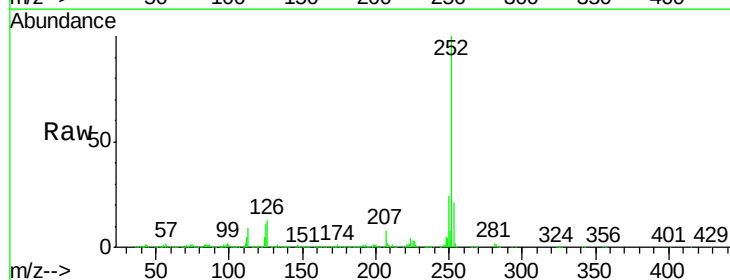
Instrument :
BNA_M
ClientSampleId :
PB120243BS

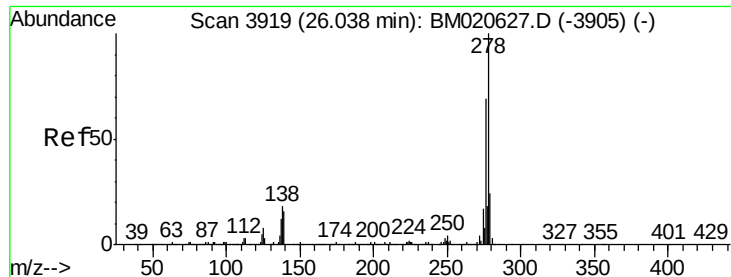
Tot Ion:252 Resp: 1944287
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 11.176 ng
RT: 23.58 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BM020674.D
Acq: 03 Jun 2019 17:04

Tgt Ion:252 Resp: 1983073
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 12.605 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

PB120243BS

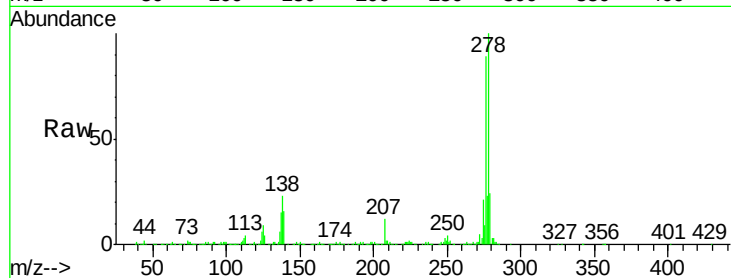
Tot Ion:278 Resp: 2169836

Ion Ratio Lower Upper

278 100

139 16.2 12.6 18.8

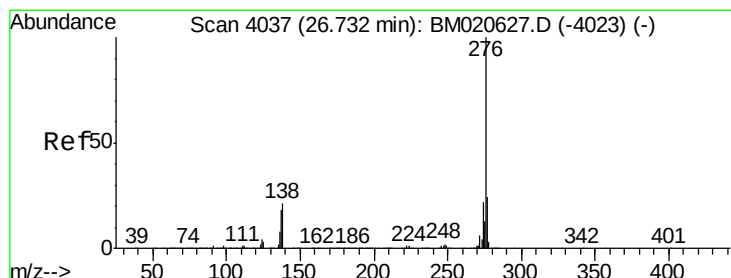
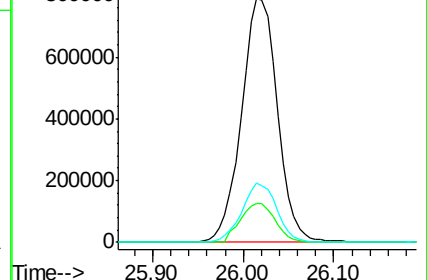
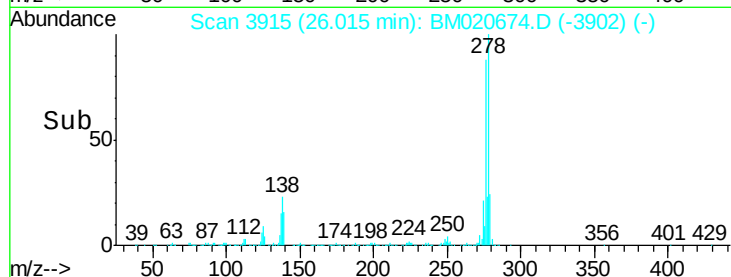
279 24.2 19.0 28.6



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: 13.260 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020674.D

Acq: 03 Jun 2019 17:04

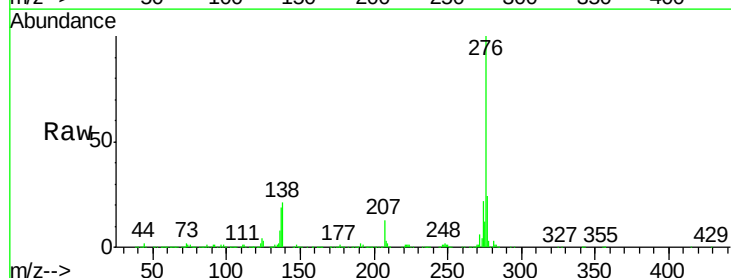
Tgt Ion:276 Resp: 2120203

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 21.4 17.0 25.4



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

