

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020668.D
 Acq On : 03 Jun 2019 13:28
 Operator : HP/JU
 Sample : PB120182BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Quant Time: Jun 04 04:11:02 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	242861	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	912588	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	443145	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	831513	20.00	ng	0.00
76) Chrysene-d12	21.39	240	751157	20.00	ng	-0.01
87) Perylene-d12	23.67	264	913961	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1930684	139.84	ng	0.00
7) Phenol-d6	6.99	99	2511803	123.56	ng	0.00
23) Nitrobenzene-d5	8.99	82	1332274	75.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.96	330	708912	129.12	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2678002	80.34	ng	0.00
79) Terphenyl-d14	19.83	244	2627894	58.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	256218	45.328	ng	99
3) Pyridine	3.74	79	712530	39.619	ng	99
4) n-Nitrosodimethylamine	3.66	42	319158	41.167	ng	99
6) Aniline	7.16	93	771568	26.230	ng	97
8) 2-Chlorophenol	7.39	128	718159	41.813	ng	99
9) Benzaldehyde	6.97	77	247946	17.372	ng	97
10) Phenol	7.02	94	867085	39.579	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	672134	38.497	ng	98
12) 1,3-Dichlorobenzene	7.72	146	787946	39.917	ng	99
13) 1,4-Dichlorobenzene	7.86	146	803186	40.024	ng	99
14) 1,2-Dichlorobenzene	8.18	146	760526	38.943	ng	99
15) Benzyl Alcohol	8.07	79	629264	34.989	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	936518	34.743	ng	99
17) 2-Methylphenol	8.26	107	575990	37.389	ng	98
18) Hexachloroethane	8.90	117	293896	38.252	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	536888	32.854	ng	97
20) 3+4-Methylphenols	8.59	107	744473	35.519	ng	98
22) Acetophenone	8.65	105	1005994	43.394	ng	# 98
24) Nitrobenzene	9.03	77	791346	44.010	ng	99
25) Isophorone	9.55	82	1355097	38.677	ng	100
26) 2-Nitrophenol	9.74	139	313442	46.772	ng	98
27) 2,4-Dimethylphenol	9.79	122	595453	47.418	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	845809	39.926	ng	99
29) 2,4-Dichlorophenol	10.26	162	594258	42.773	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	688998	43.129	ng	99
31) Naphthalene	10.67	128	2053847	43.766	ng	100
32) Benzoic acid	9.91	122	282920	37.100	ng	98
33) 4-Chloroaniline	10.78	127	344270	15.763	ng	98
34) Hexachlorobutadiene	10.95	225	399098	41.636	ng	97
35) Caprolactam	11.56	113	160499	33.253	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	604704	37.436	ng	100
37) 2-Methylnaphthalene	12.28	142	1413447	40.634	ng	99
38) 1-Methylnaphthalene	12.50	142	1335668	40.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	698209	48.078	ng	99

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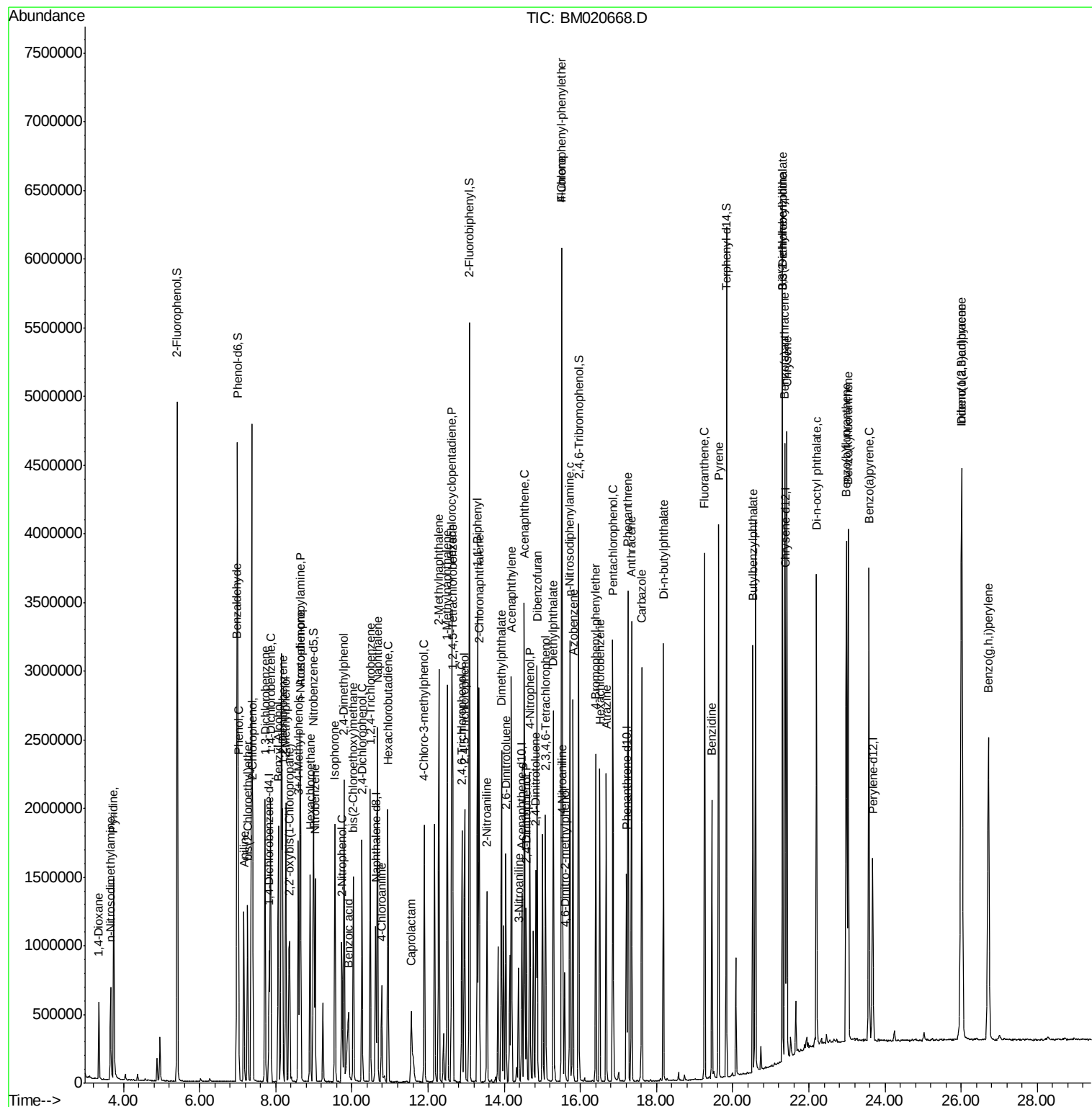
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	867328	99.861	nq	100
43) 2,4,6-Trichlorophenol	12.89	196	418927	44.816	nq	100
44) 2,4,5-Trichlorophenol	12.96	196	441578	45.757	nq	98
46) 1,1'-Biphenyl	13.30	154	1718945	46.445	nq	99
47) 2-Chloronaphthalene	13.34	162	1333024	44.627	nq	99
48) 2-Nitroaniline	13.54	65	369957	39.461	nq	95
49) Acenaphthylene	14.19	152	2046336	43.906	nq	100
50) Dimethylphthalate	13.93	163	1502566	39.687	nq	99
51) 2,6-Dinitrotoluene	14.04	165	325110	42.291	nq	93
52) Acenaphthene	14.53	154	1187858	42.768	nq	99
53) 3-Nitroaniline	14.37	138	193911	22.599	nq	96
54) 2,4-Dinitrophenol	14.58	184	244759	74.552	nq	95
55) Dibenzofuran	14.86	168	1835083	42.540	nq	100
56) 4-Nitrophenol	14.67	139	527171	83.373	nq	94
57) 2,4-Dinitrotoluene	14.83	165	415228	40.340	nq	99
58) Fluorene	15.52	166	1446965	40.789	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	351457	41.794	nq	98
60) Diethylphthalate	15.29	149	1460617	37.407	nq	99
61) 4-Chlorophenyl-phenylether	15.51	204	731161	38.927	nq	98
62) 4-Nitroaniline	15.54	138	320397	35.208	nq	94
63) Azobenzene	15.80	77	1463623	39.098	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	147290	40.593	nq	97
66) n-Nitrosodiphenylamine	15.73	169	1229201	46.178	nq	100
67) 4-Bromophenyl-phenylether	16.40	248	419852	42.885	nq	98
68) Hexachlorobenzene	16.51	284	475038	41.553	nq	97
69) Atrazine	16.67	200	376725	47.420	nq	97
70) Pentachlorophenol	16.86	266	530741	97.315	nq	100
71) Phenanthrene	17.25	178	2045980	43.409	nq	100
72) Anthracene	17.34	178	2087357	44.248	nq	99
73) Carbazole	17.62	167	1851474	43.250	nq	100
74) Di-n-butylphthalate	18.18	149	2213230	39.827	nq	100
75) Fluoranthene	19.26	202	2190574	41.792	nq	99
77) Benzidine	19.46	184	1064106	46.752	nq	99
78) Pyrene	19.63	202	2271164	39.401	nq	99
80) Butylbenzylphthalate	20.53	149	906346	37.207	nq	99
81) Benzo(a)anthracene	21.37	228	2175475	41.588	nq	99
82) 3,3'-Dichlorobenzidine	21.31	252	638090	33.312	nq	99
83) Chrysene	21.42	228	2139450	43.027	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1300391	36.730	nq	98
85) Di-n-octyl phthalate	22.20	149	2253238	40.087	nq	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	3192212	62.753	nq	100
88) Benzo(b)fluoranthene	22.99	252	2493989	41.286	nq	100
89) Benzo(k)fluoranthene	23.03	252	2382195	40.354	nq	100
90) Benzo(a)pyrene	23.57	252	2453252	44.774	nq	99
91) Dibenzo(a,h)anthracene	26.02	278	2687490	50.557	nq	99
92) Benzo(g,h,i)perylene	26.71	276	2626047	53.185	nq	99

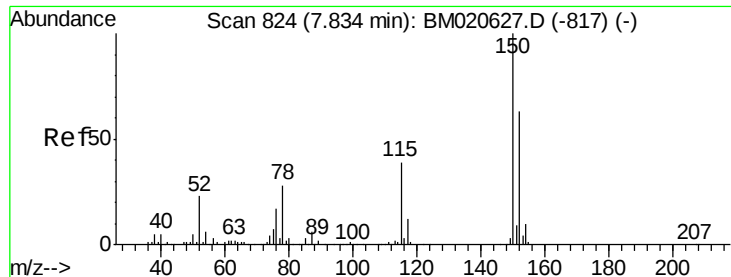
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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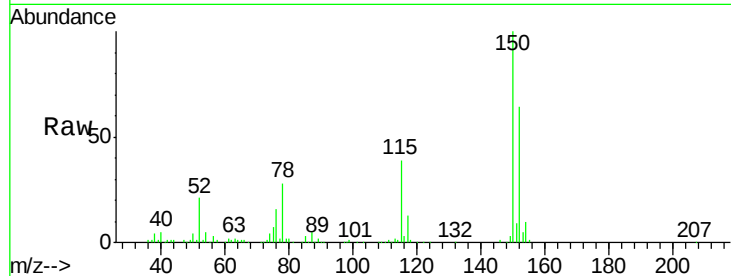


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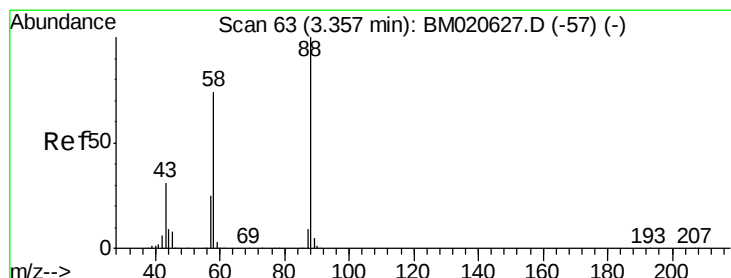
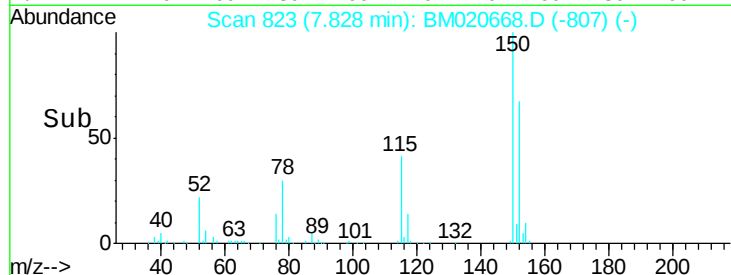
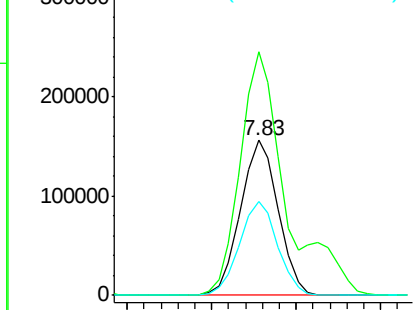
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:152 Resp: 242861
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 60.5 49.6 74.4



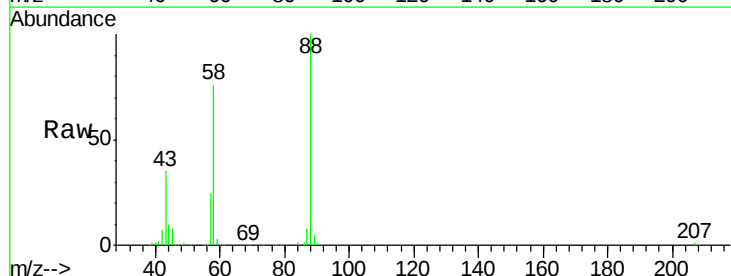
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



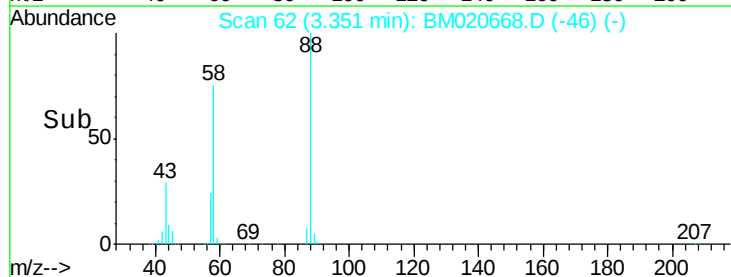
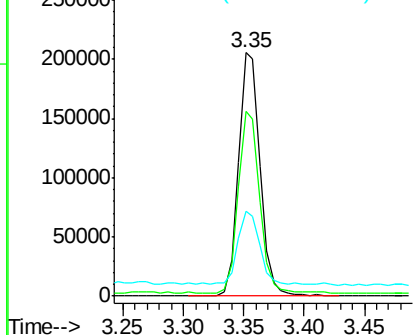
#2

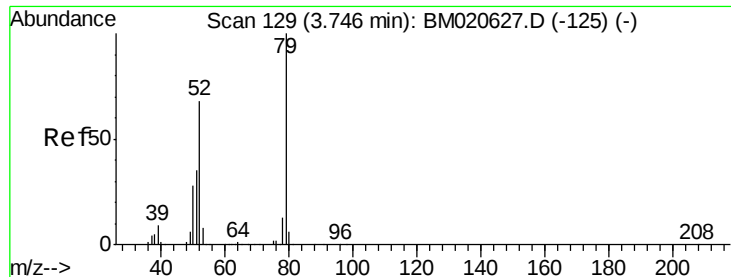
1,4-Dioxane
Concen: 45.328 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion: 88 Resp: 256218
Ion Ratio Lower Upper
88 100
58 74.2 60.2 90.4
43 31.2 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: 39.619 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

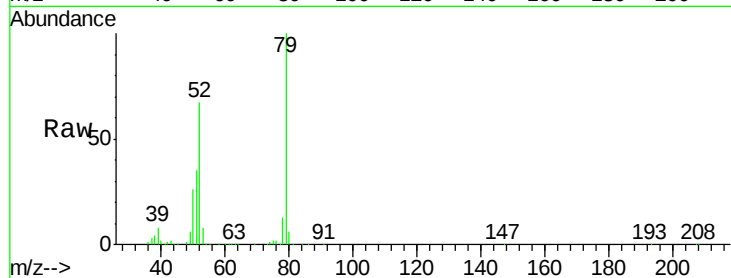
Tot Ion: 79 Resp: 712530

Ion Ratio Lower Upper

79 100

52 66.7 54.1 81.1

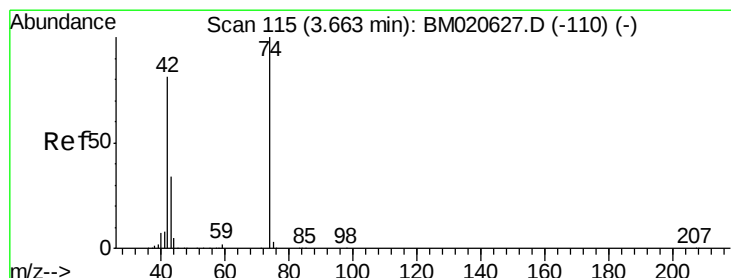
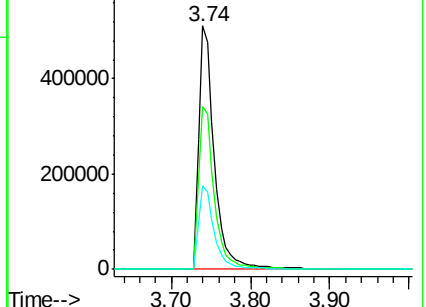
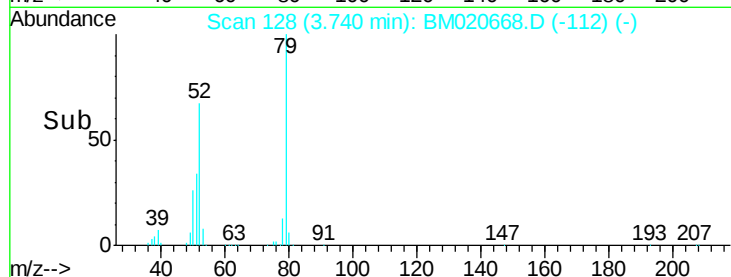
51 34.6 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020668.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020668.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020668.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 41.167 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

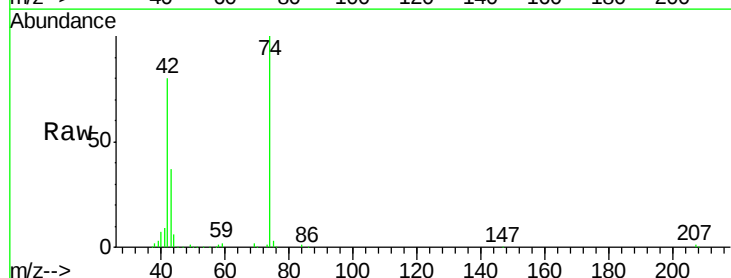
Tgt Ion: 42 Resp: 319158

Ion Ratio Lower Upper

42 100

74 124.9 99.4 149.0

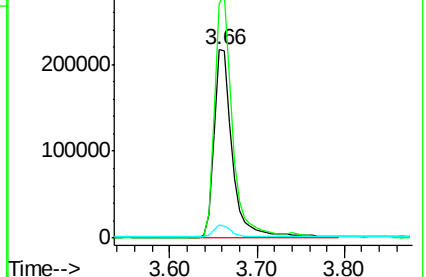
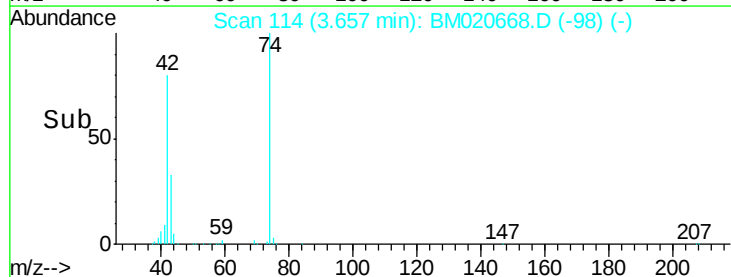
44 6.9 5.8 8.8

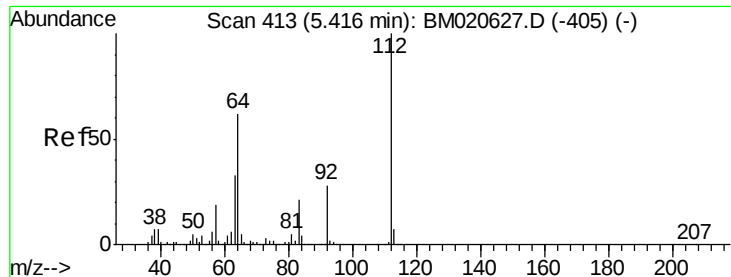


Abundance Ion 42.00 (41.70 to 42.70): BM020668.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020668.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020668.D (-110) (-)





#5

2-Fluorophenol

Concen: 139.841 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

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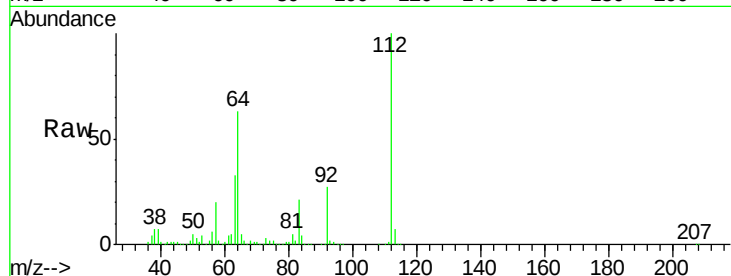
Tot Ion:112 Resp: 1930684

Ion Ratio Lower Upper

112 100

64 63.3 49.7 74.5

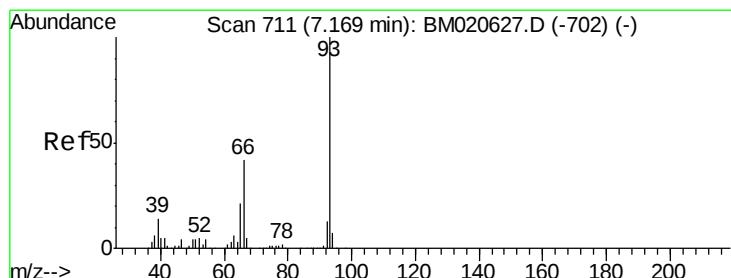
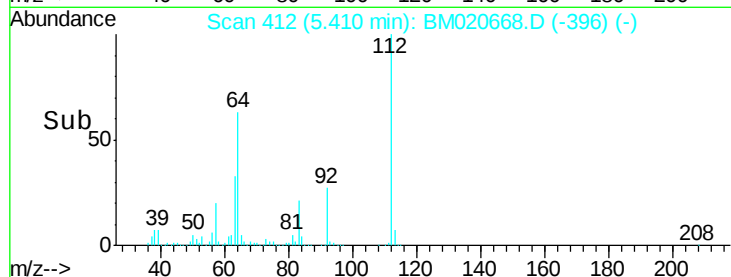
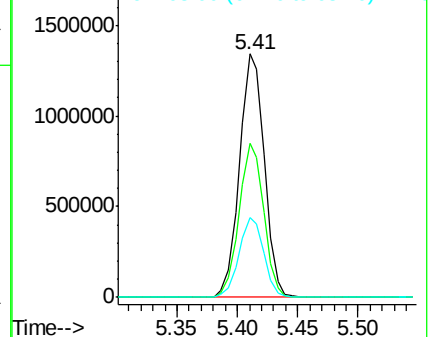
63 32.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 26.230 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

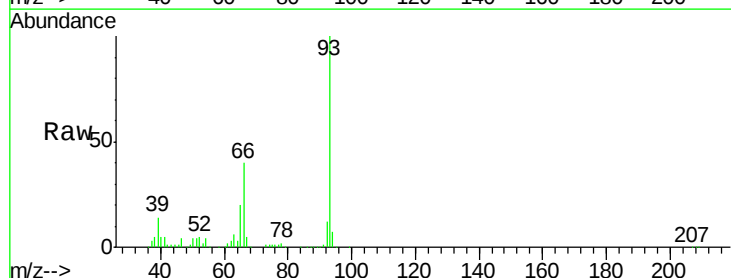
Tgt Ion: 93 Resp: 771568

Ion Ratio Lower Upper

93 100

66 40.1 33.6 50.4

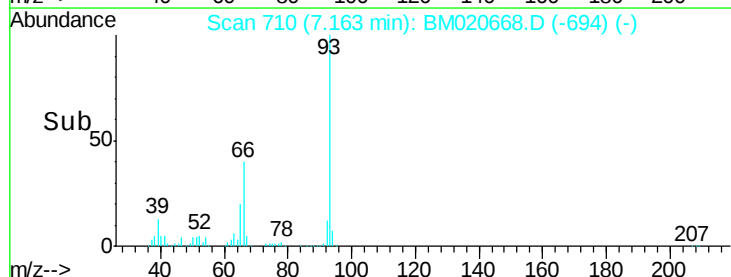
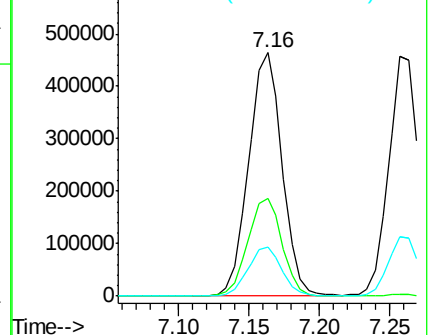
65 20.1 16.7 25.1

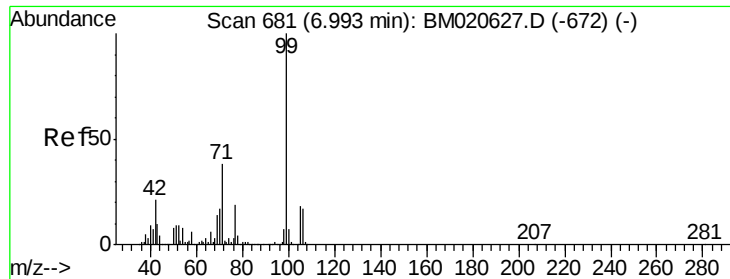


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 123.556 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

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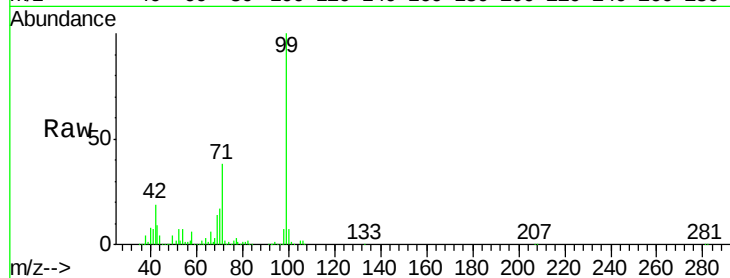
Tot Ion: 99 Resp: 2511803

Ion Ratio Lower Upper

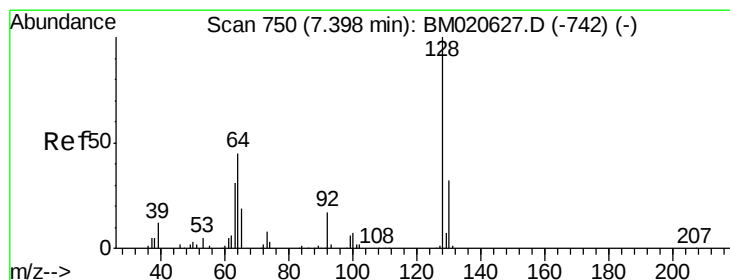
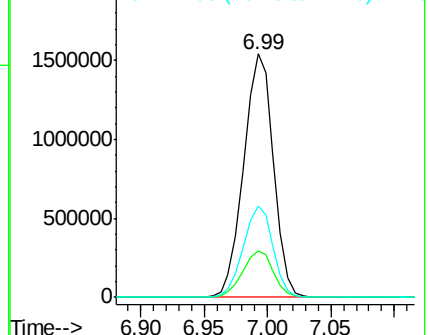
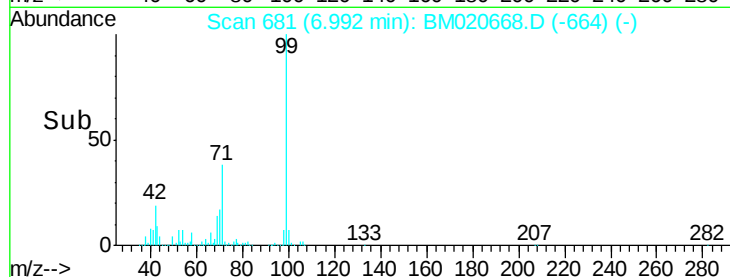
99 100

42 19.3 16.5 24.7

71 37.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020668.D (-664) (-)



#8

2-Chlorophenol

Concen: 41.813 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

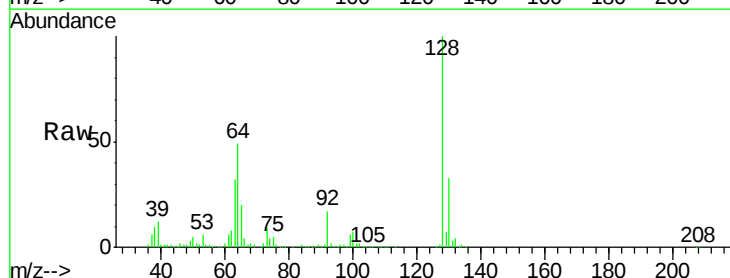
Tgt Ion: 128 Resp: 718159

Ion Ratio Lower Upper

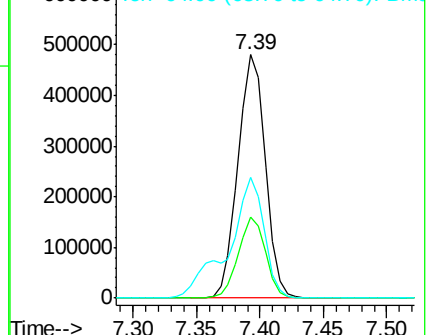
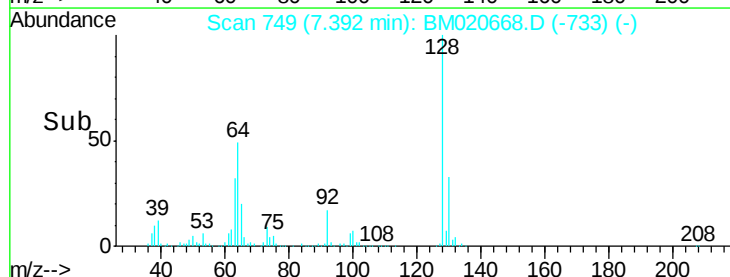
128 100

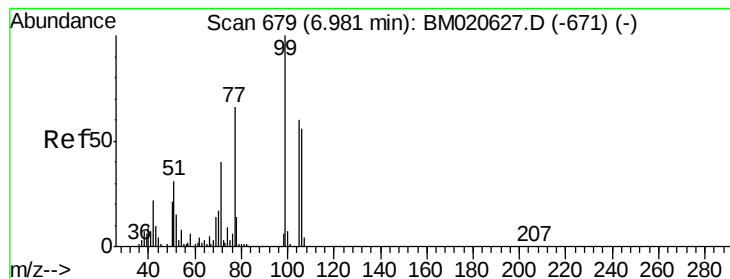
130 33.1 12.2 52.2

64 49.3 29.1 69.1



Abundance Ion 128.00 (127.70 to 128.70): BM020668.D (-733) (-)





#9

Benzaldehyde

Concen: 17.372 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

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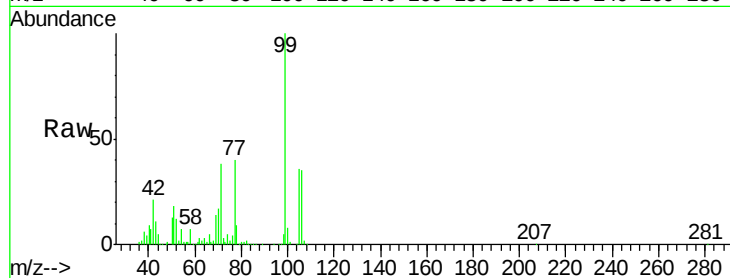
Tot Ion: 77 Resp: 247946

Ion Ratio Lower Upper

77 100

105 90.4 70.6 110.6

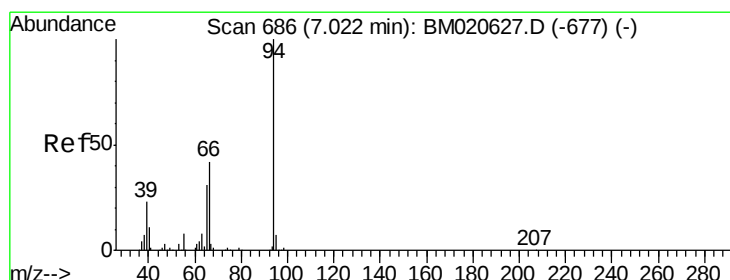
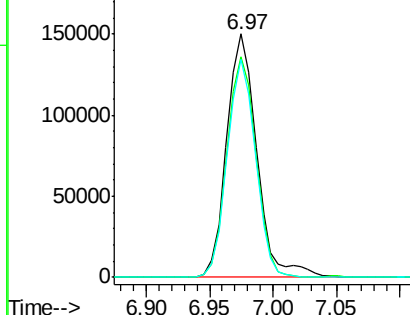
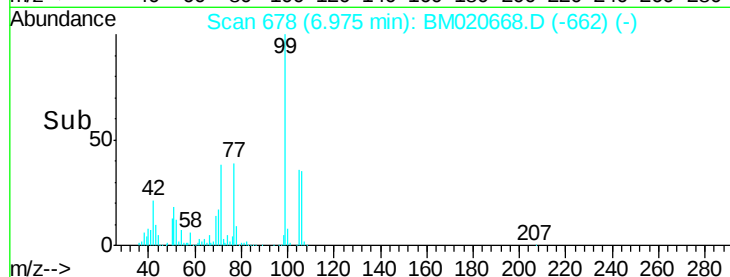
106 89.6 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020668.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020668.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020668.D (-662) (-)



#10

Phenol

Concen: 39.579 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

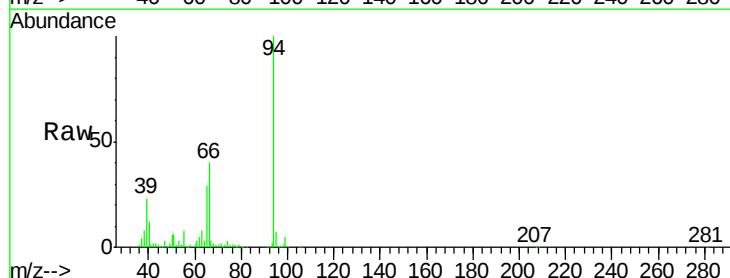
Tgt Ion: 94 Resp: 867085

Ion Ratio Lower Upper

94 100

65 29.3 10.7 50.7

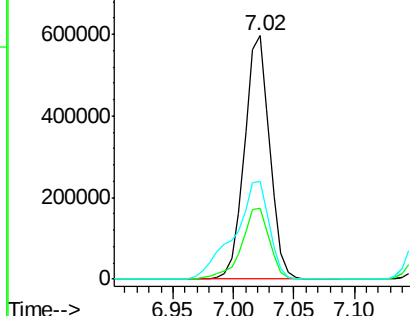
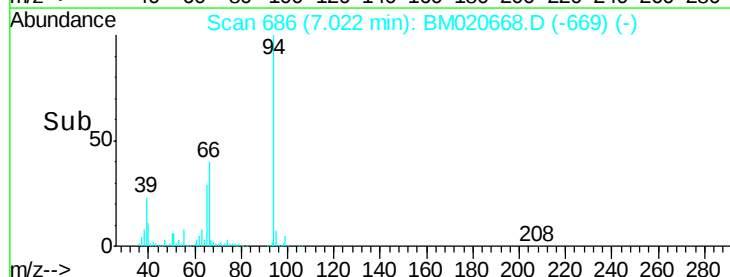
66 40.0 22.3 62.3

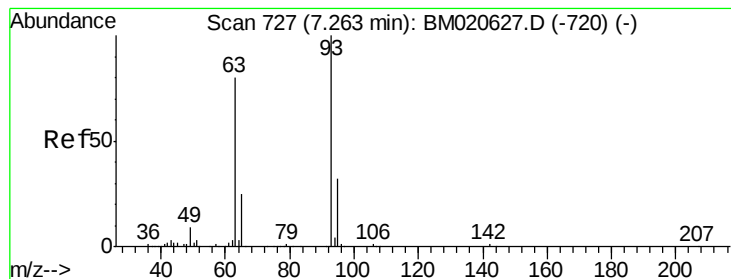


Abundance Ion 94.00 (93.70 to 94.70): BM020668.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020668.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020668.D (-669) (-)

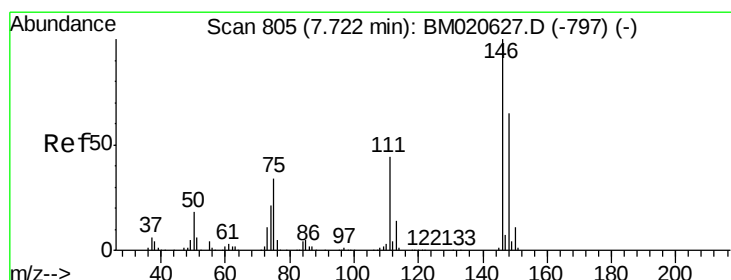
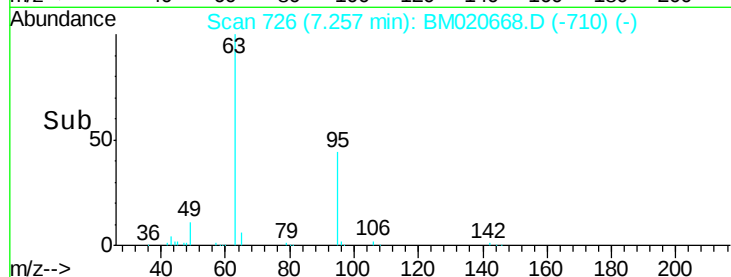
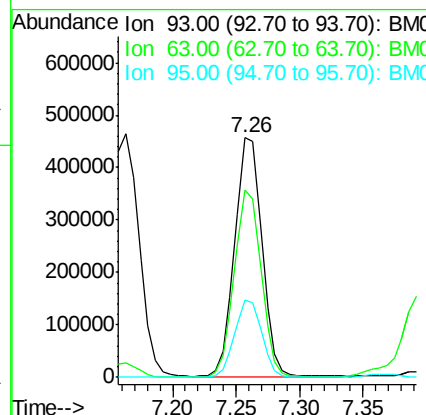
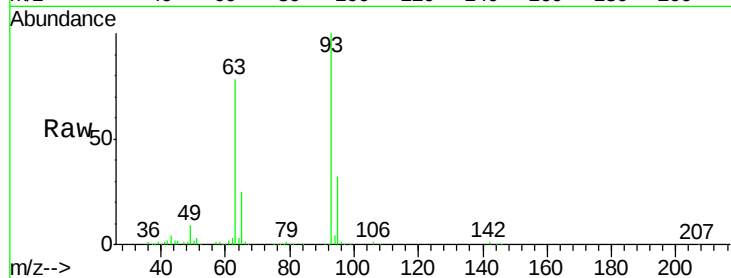




#11
bis(2-Chloroethyl)ether
Concen: 38.497 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

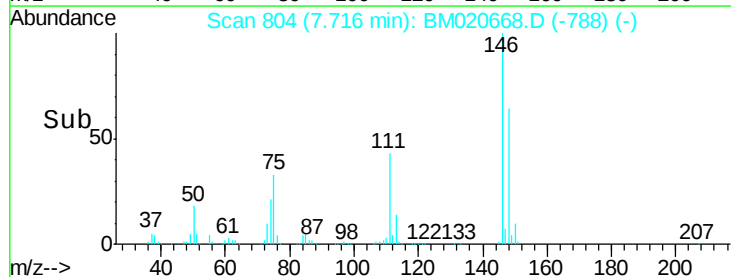
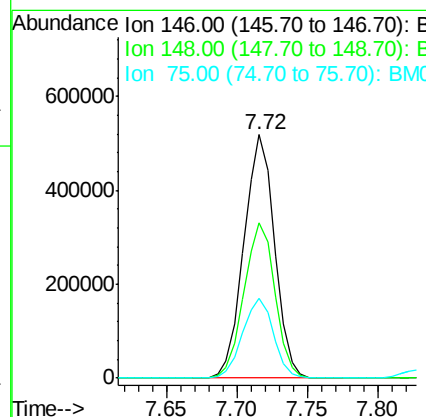
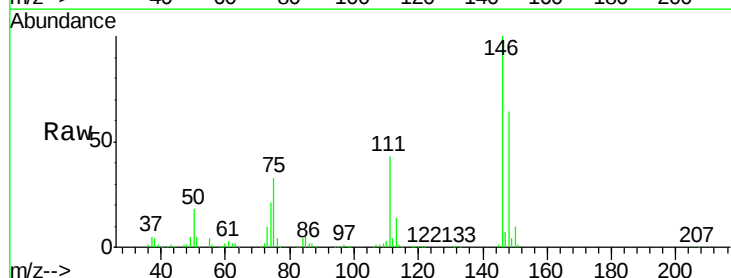
Instrument :
BNA_M
ClientSampleId :
PB120182BS

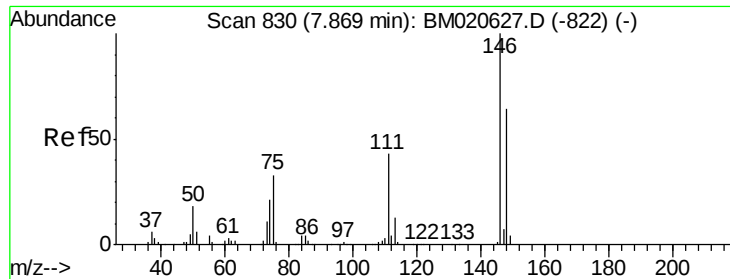
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	60.0	100.0
95	32.1	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 39.917 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
75	32.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 40.024 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

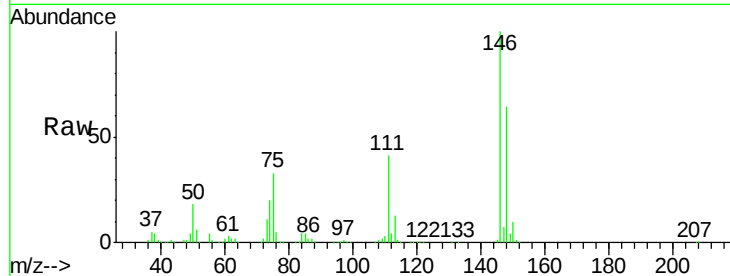
Tot Ion:146 Resp: 803186

Ion Ratio Lower Upper

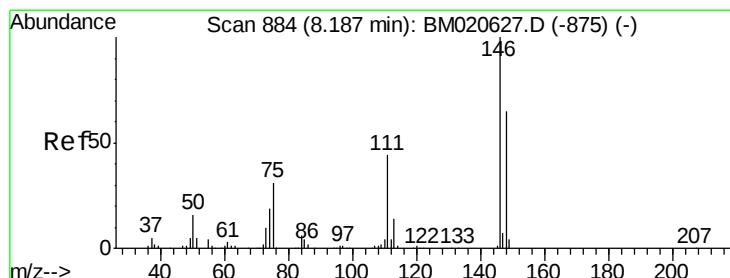
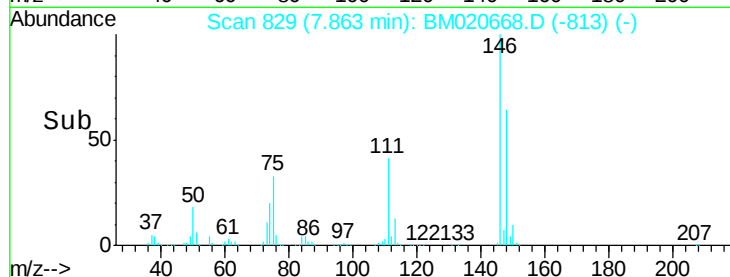
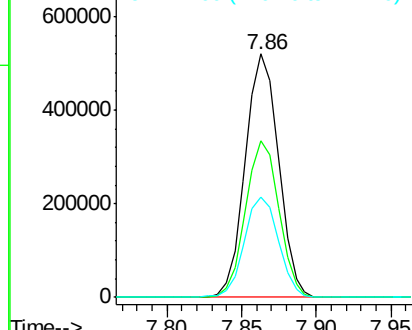
146 100

148 64.3 51.0 76.4

111 41.4 34.4 51.6



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



#14

1,2-Dichlorobenzene

Concen: 38.943 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

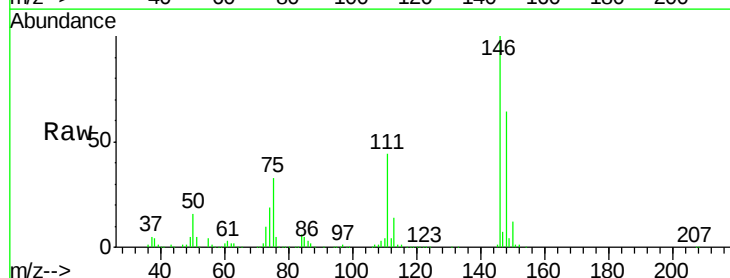
Tgt Ion:146 Resp: 760526

Ion Ratio Lower Upper

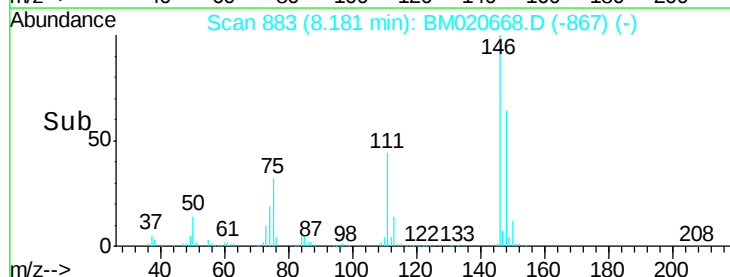
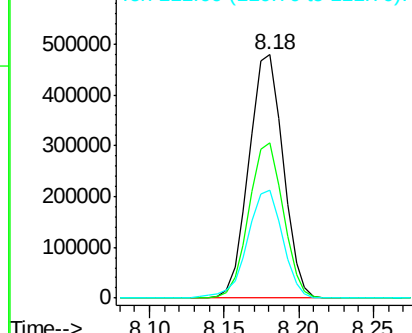
146 100

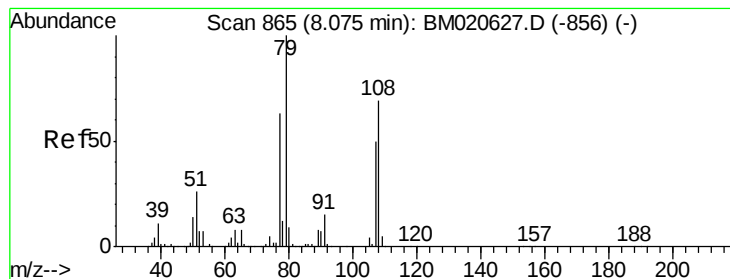
148 63.7 51.8 77.8

111 44.1 35.1 52.7



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





#15

Benzyl Alcohol

Concen: 34.989 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleID :

PB120182BS

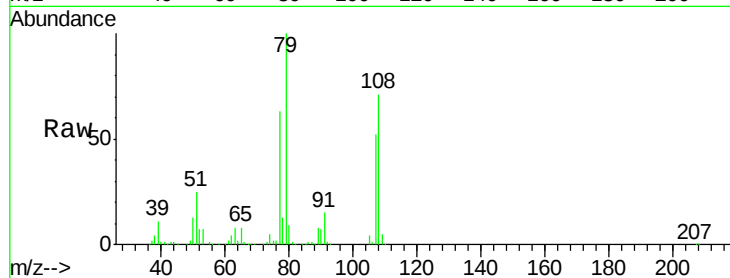
Tot Ion: 79 Resp: 629264

Ion Ratio Lower Upper

79 100

108 70.6 54.9 82.3

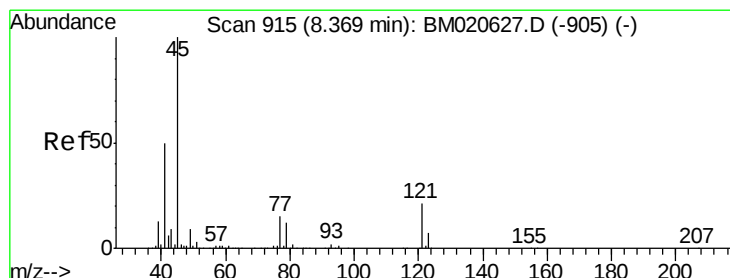
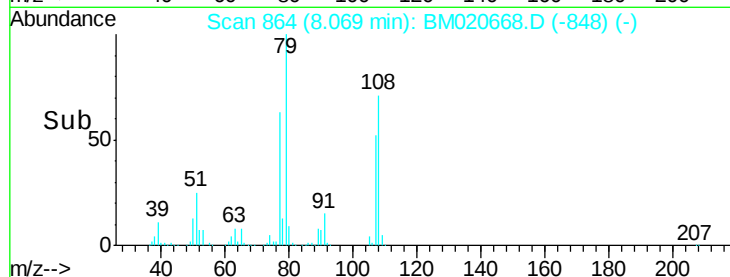
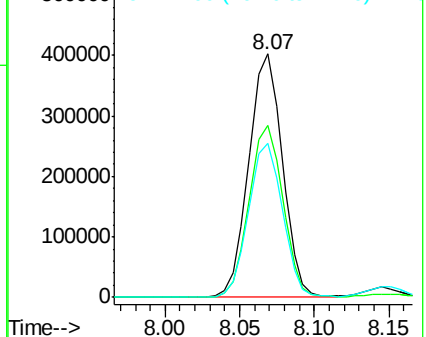
77 63.2 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-856) (-)

Ion 108.00 (107.70 to 108.70): BM020627.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-856) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.743 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

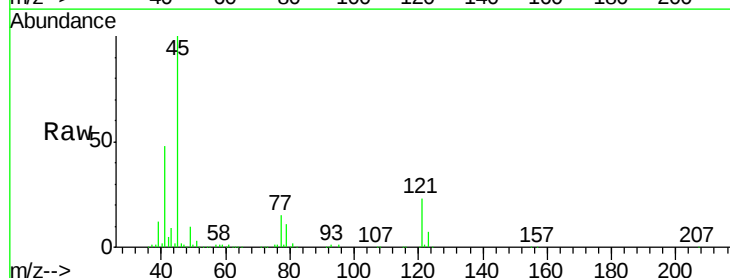
Tgt Ion: 45 Resp: 936518

Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.9

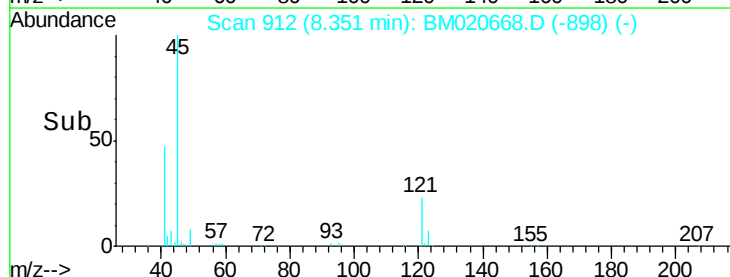
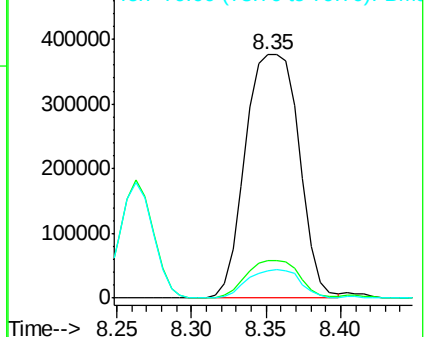
79 11.4 0.0 31.8

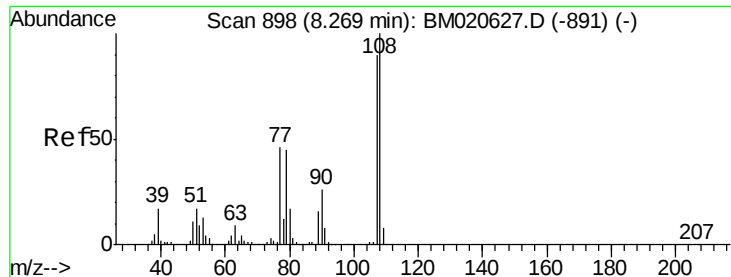


Abundance Ion 45.00 (44.70 to 45.70): BM020627.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM020627.D (-905) (-)





#17

2-Methylphenol

Concen: 37.389 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion:107 Resp: 575990

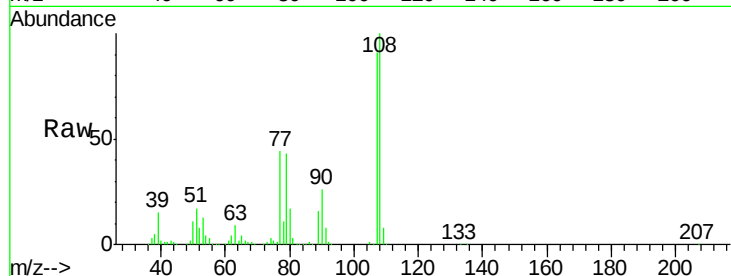
Ion Ratio Lower Upper

107 100

108 110.5 88.6 133.0

77 48.5 40.6 61.0

79 47.7 39.9 59.9

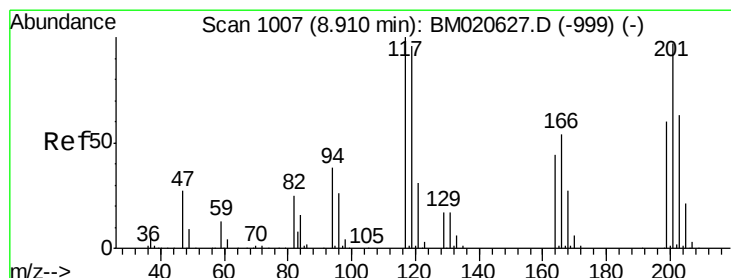
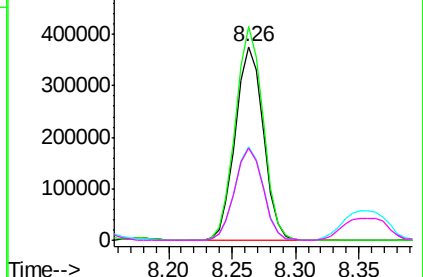
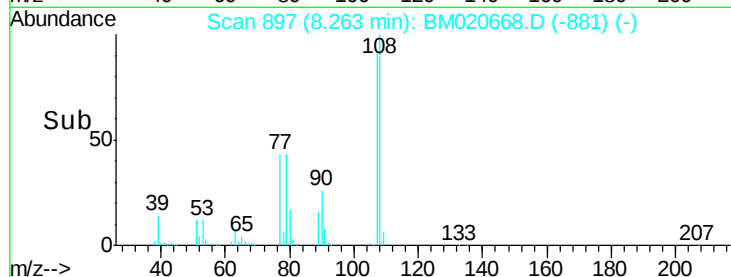


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.252 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

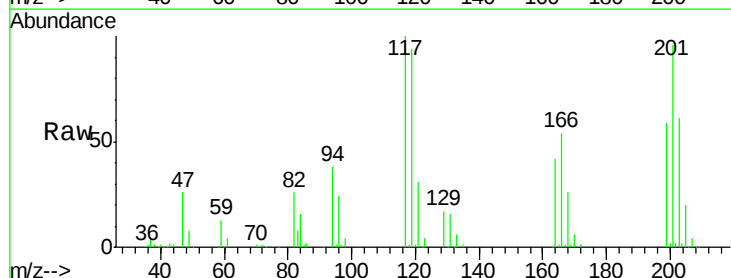
Tgt Ion:117 Resp: 293896

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

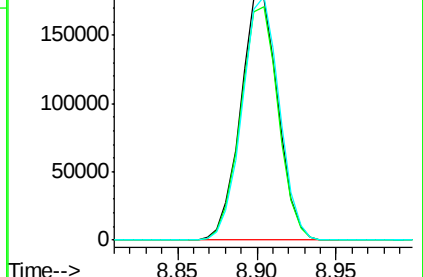
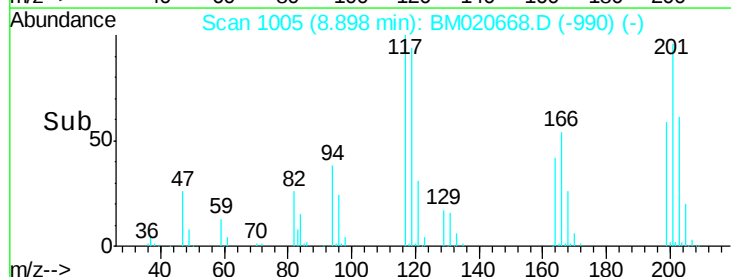
201 95.5 77.9 116.9

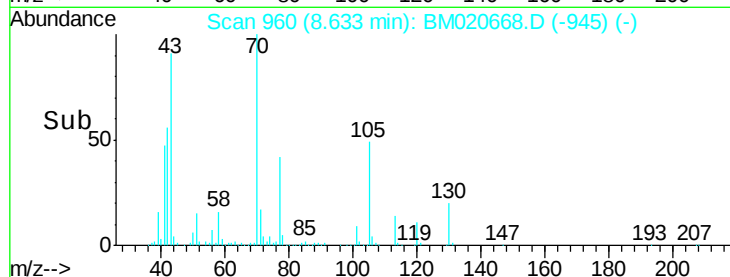
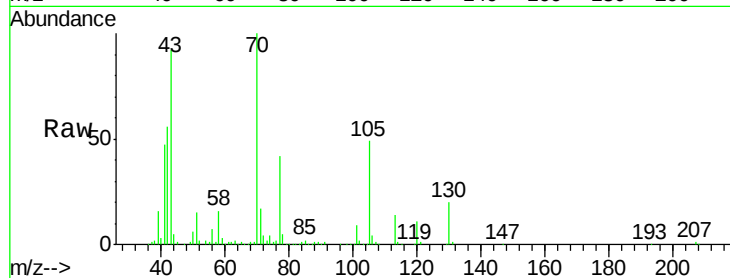
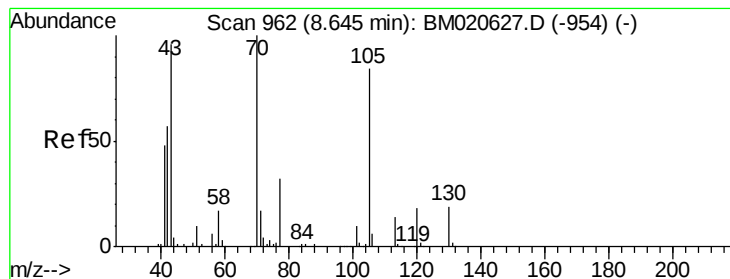


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.854 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion: 70 Resp: 536888

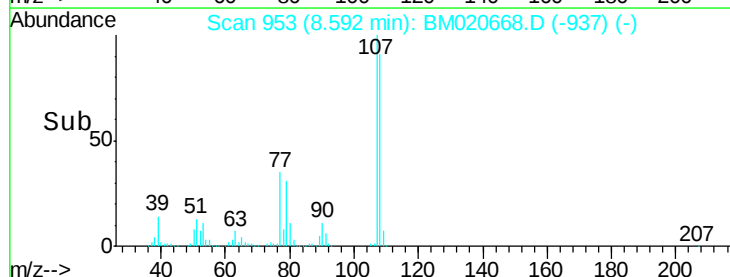
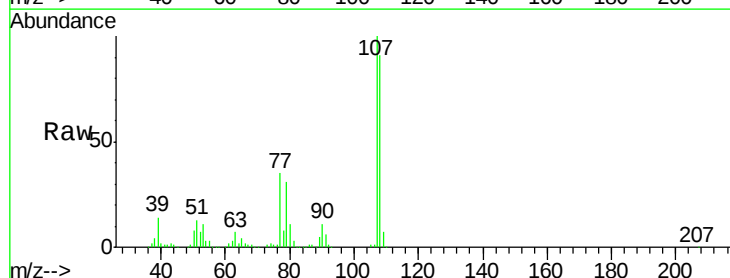
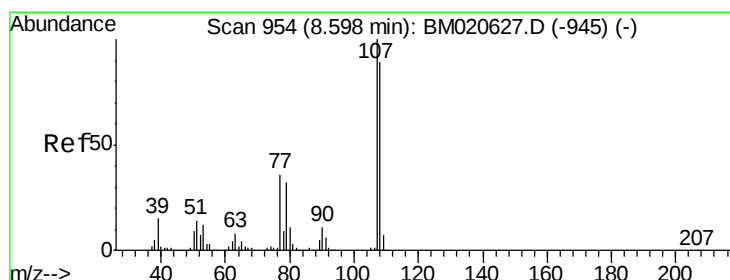
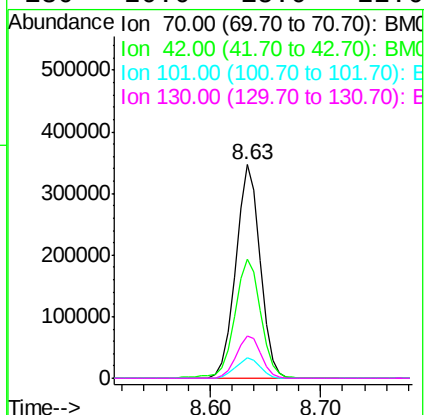
Ion Ratio Lower Upper

70 100

42 56.0 46.8 70.2

101 9.4 7.8 11.6

130 20.0 15.0 22.6



#20

3+4-Methylphenols

Concen: 35.519 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Tgt Ion: 107 Resp: 744473

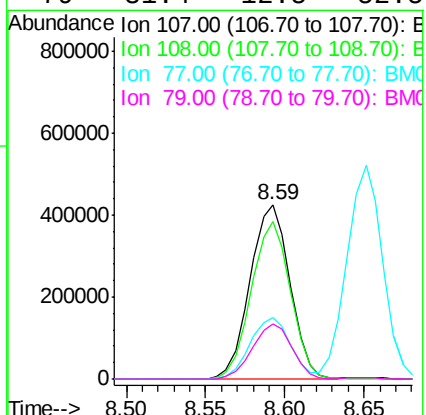
Ion Ratio Lower Upper

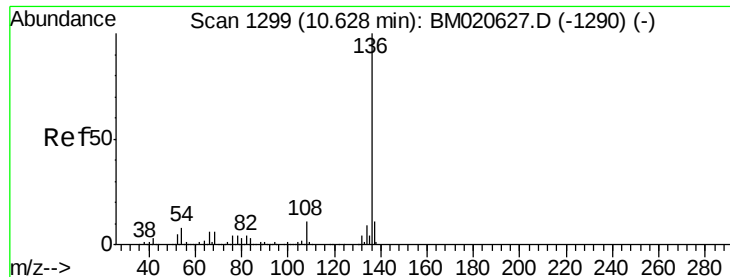
107 100

108 90.7 69.2 109.2

77 35.5 16.2 56.2

79 31.4 12.5 52.5

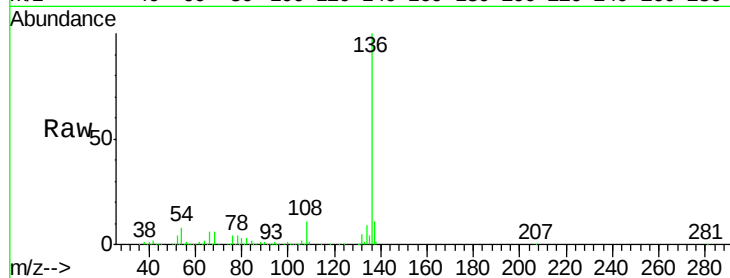




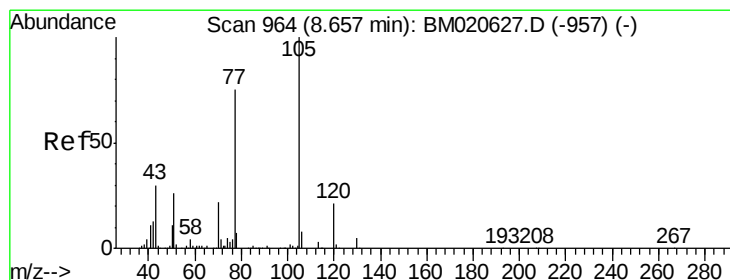
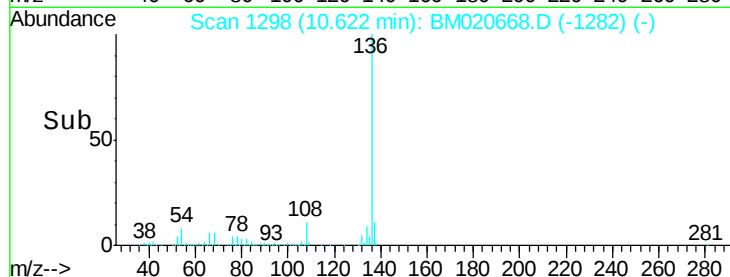
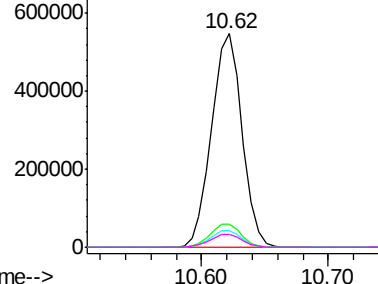
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:136	Resp:	912588
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.9	6.6 10.0
68	6.1	5.1 7.7

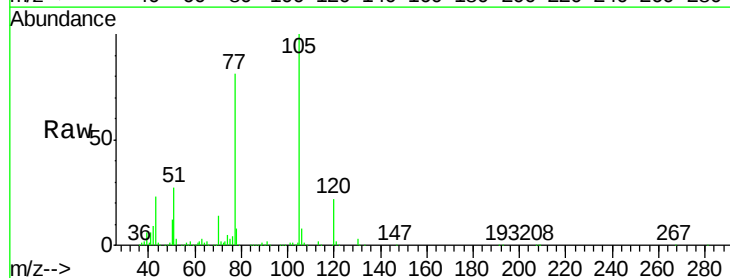


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

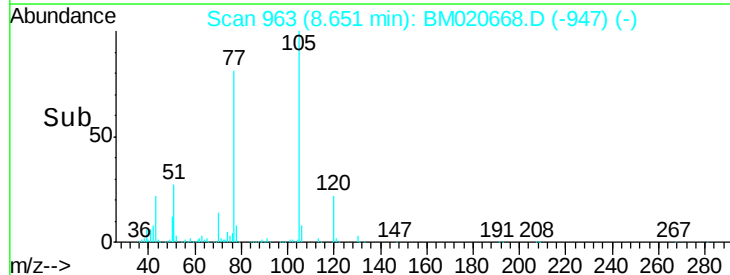
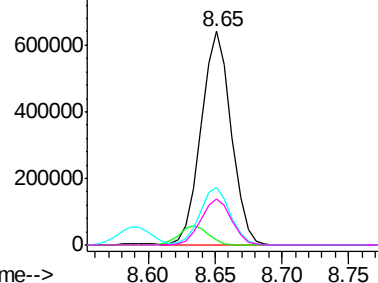


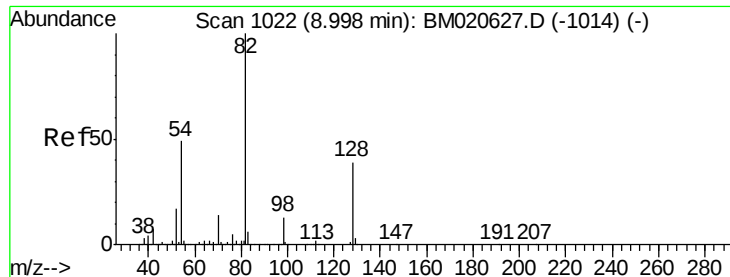
#22
Acetophenone
Concen: 43.394 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:105	Resp:	1005994
Ion Ratio	Lower	Upper
105	100	
71	2.2	3.2 4.8#
51	26.8	22.8 34.2
120	21.6	17.0 25.4



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





#23

Nitrobenzene-d5

Concen: 75.639 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

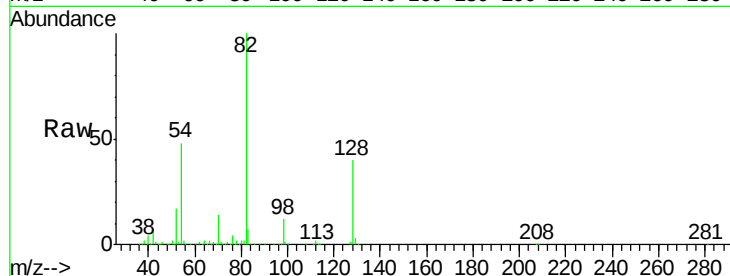
Tot Ion: 82 Resp: 1332274

Ion Ratio Lower Upper

82 100

128 39.7 31.5 47.3

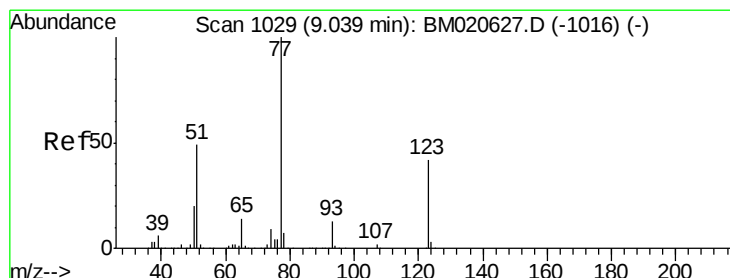
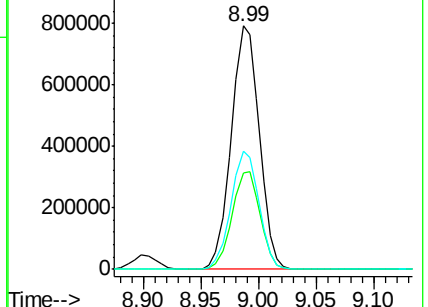
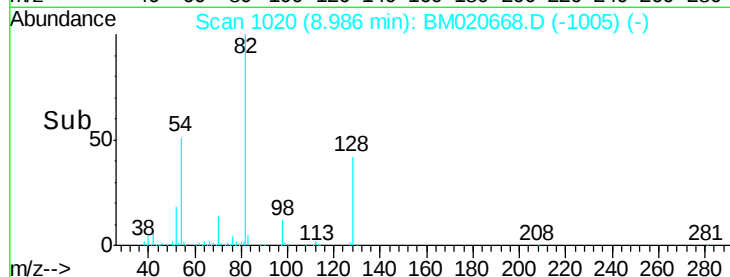
54 48.3 39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BM020668.D (-1005) (-)

Ion 128.00 (127.70 to 128.70): BM020668.D (-1005) (-)

Ion 54.00 (53.70 to 54.70): BM020668.D (-1005) (-)



#24

Nitrobenzene

Concen: 44.010 ng

RT: 9.03 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

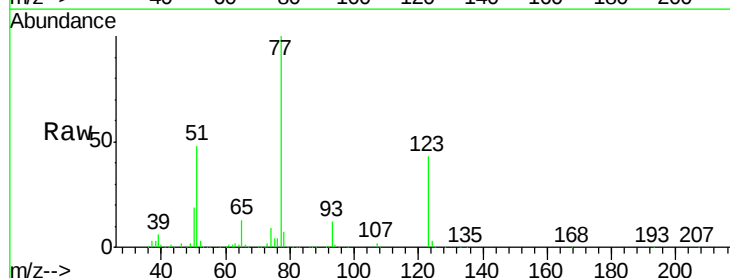
Tgt Ion: 77 Resp: 791346

Ion Ratio Lower Upper

77 100

123 42.8 33.7 50.5

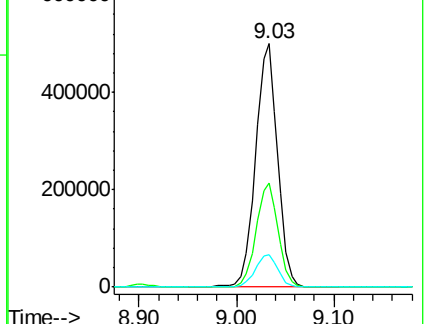
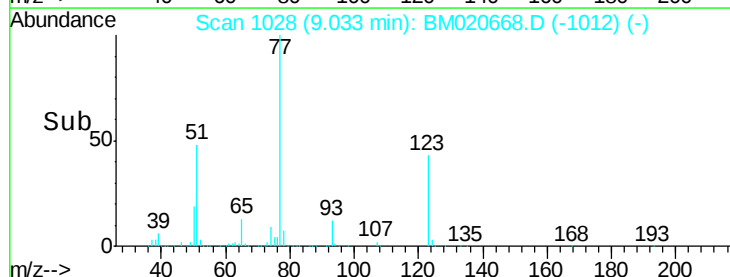
65 13.3 11.0 16.6

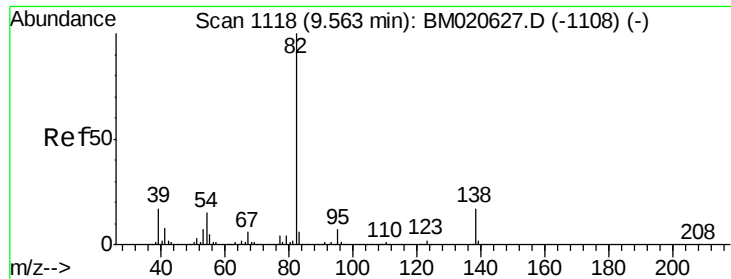


Abundance Ion 77.00 (76.70 to 77.70): BM020668.D (-1012) (-)

Ion 123.00 (122.70 to 123.70): BM020668.D (-1012) (-)

Ion 65.00 (64.70 to 65.70): BM020668.D (-1012) (-)





#25

Isophorone

Concen: 38.677 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

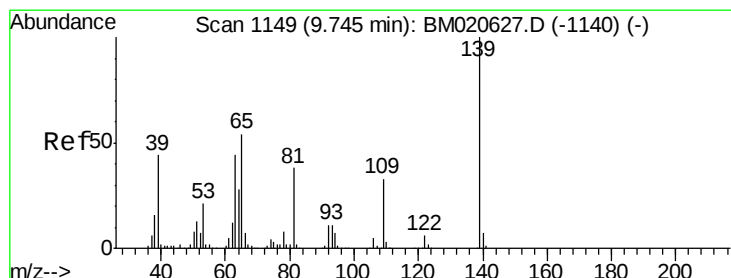
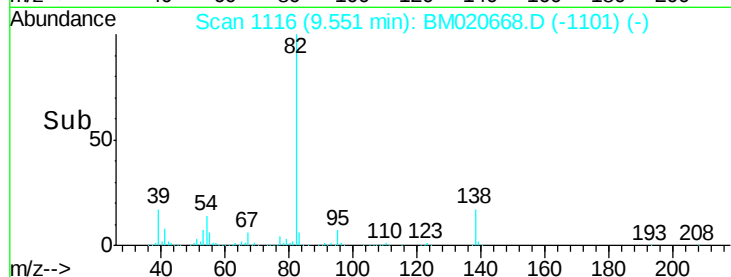
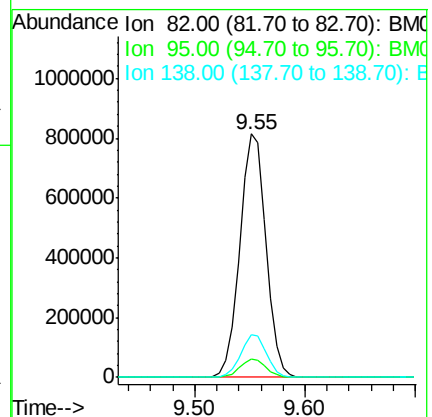
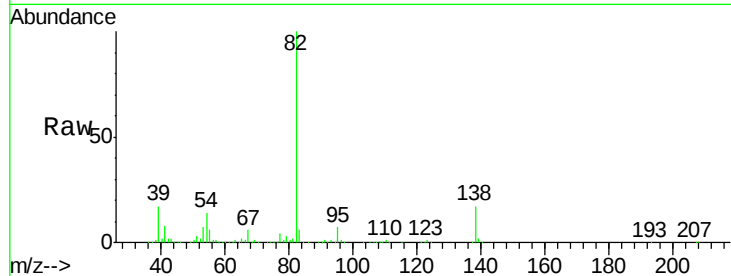
Tot Ion: 82 Resp: 1355097

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 46.772 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

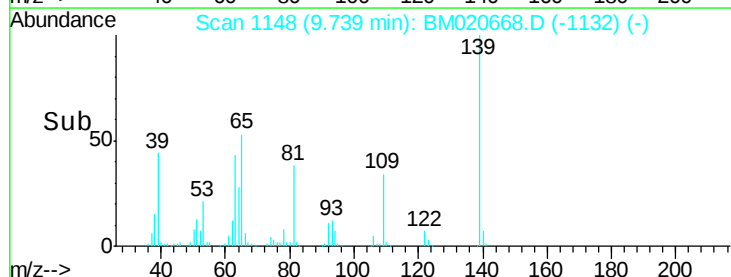
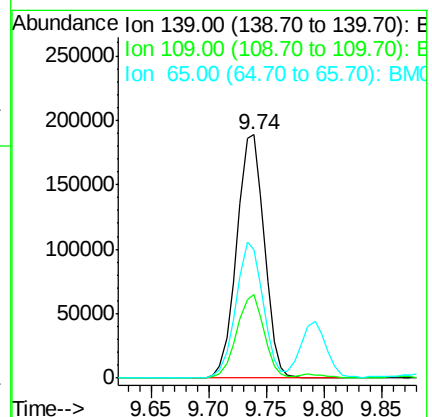
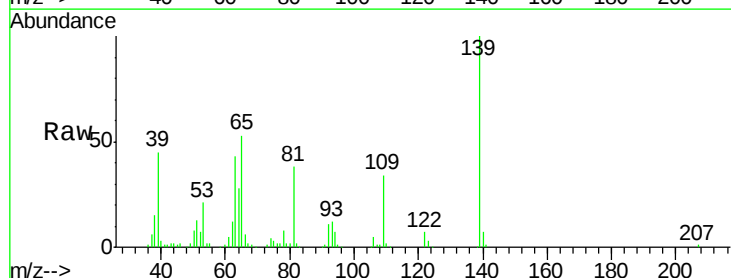
Tgt Ion: 139 Resp: 313442

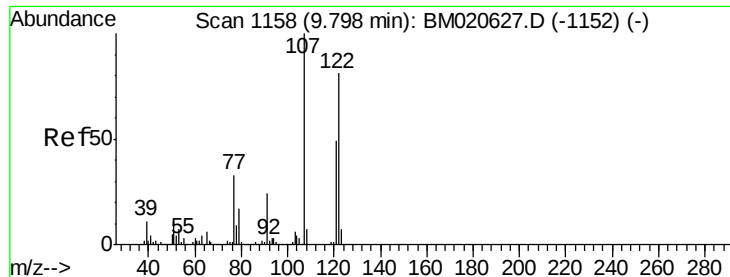
Ion Ratio Lower Upper

139 100

109 34.2 26.1 39.1

65 53.0 43.4 65.0

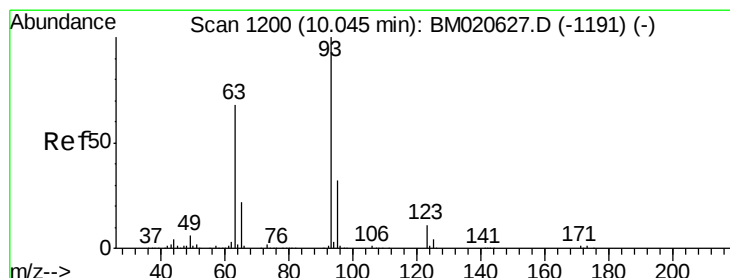
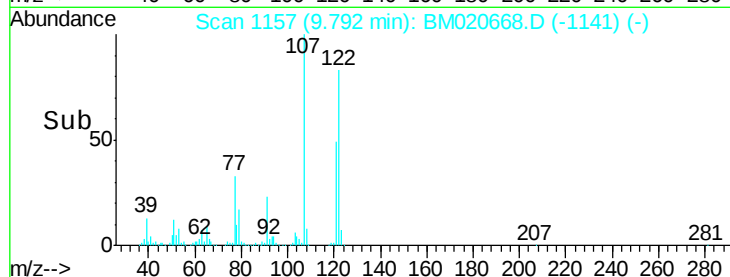
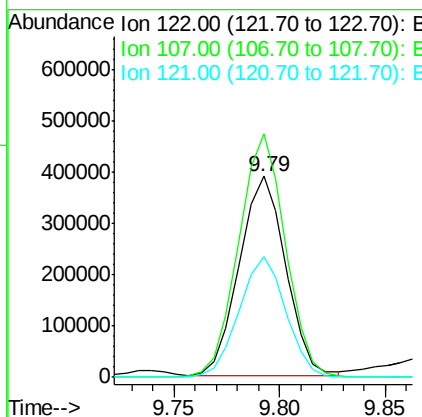
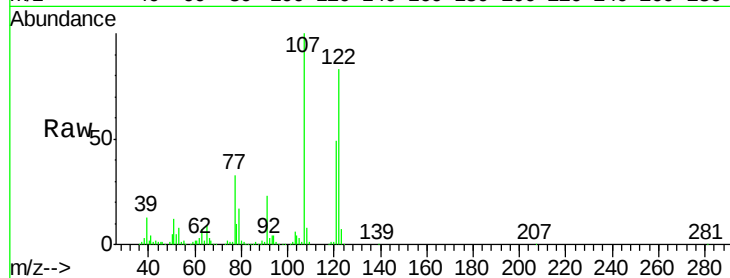




#27
 2,4-Dimethylphenol
 Concen: 47.418 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

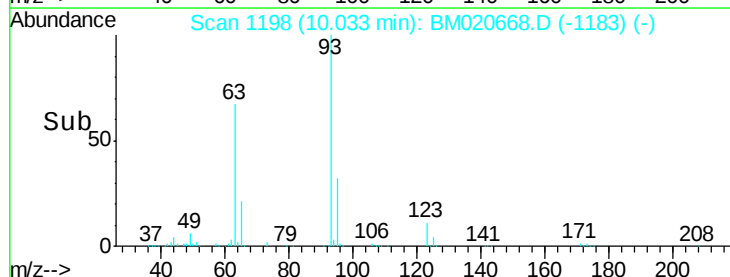
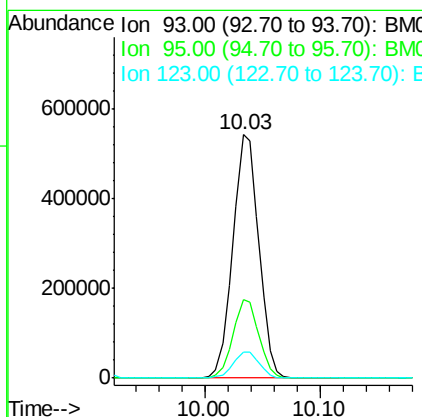
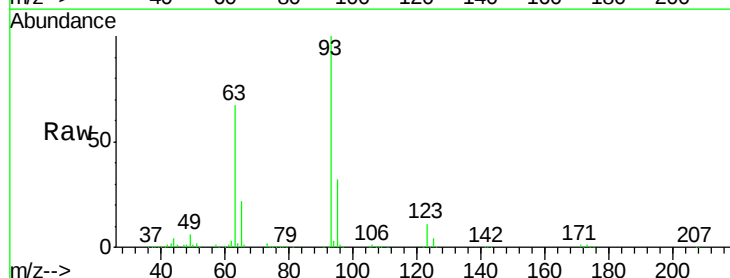
Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

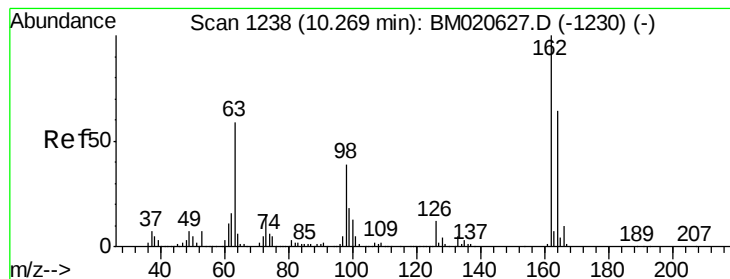
Tot Ion:122 Resp: 595453
 Ion Ratio Lower Upper
 122 100
 107 121.0 98.0 147.0
 121 59.8 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.926 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

Tgt Ion: 93 Resp: 845809
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.6
 123 10.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 42.773 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

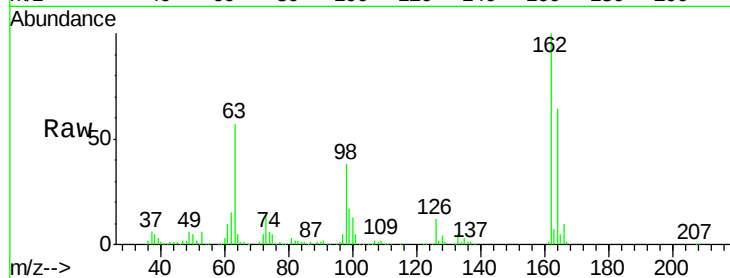
Tot Ion:162 Resp: 594258

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

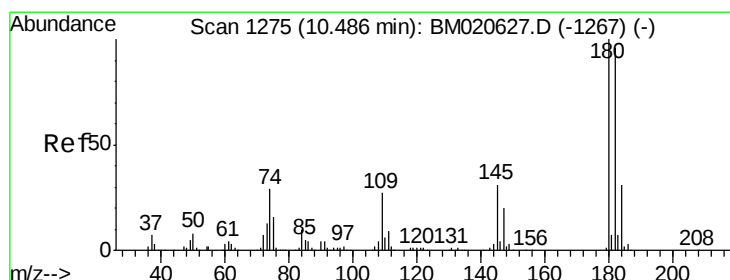
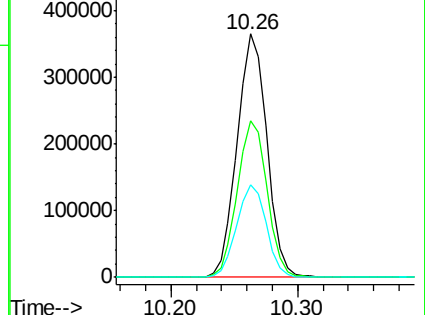
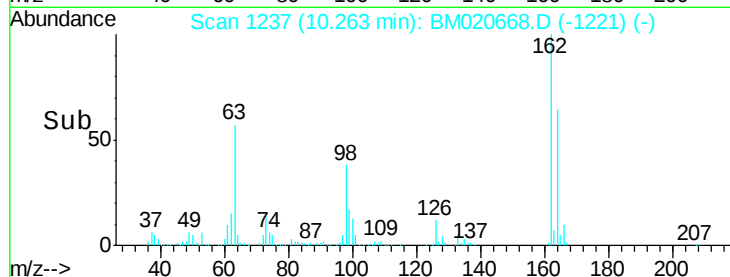
98 38.0 19.1 59.1



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: 43.129 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

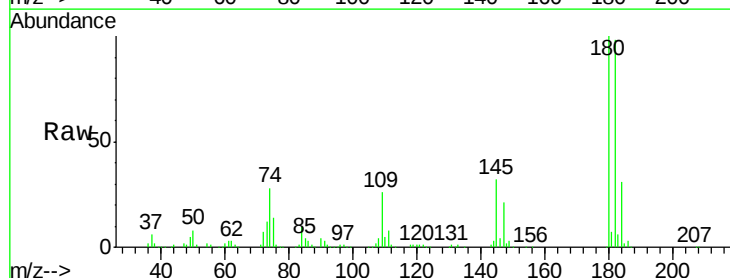
Tgt Ion:180 Resp: 688998

Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.6

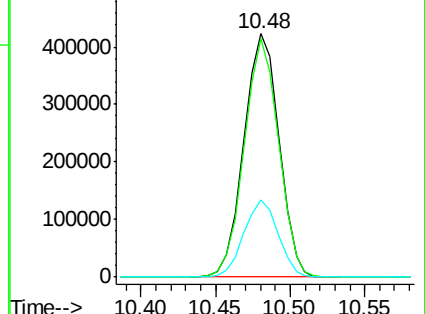
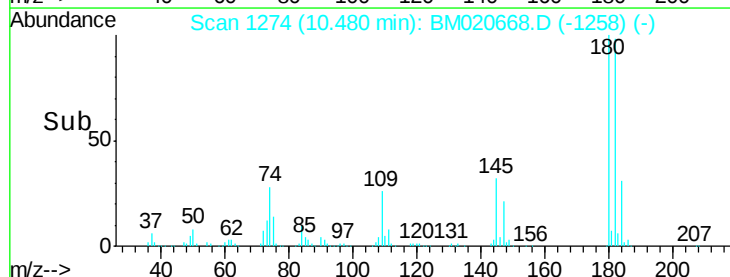
145 31.5 25.0 37.4

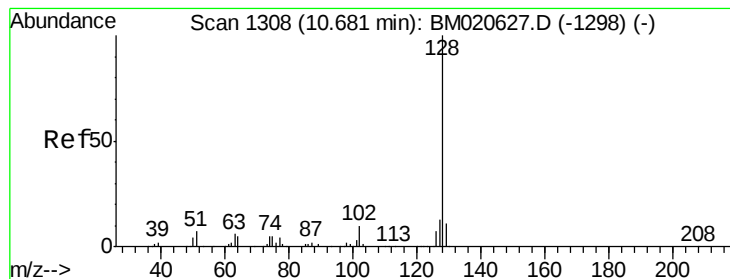


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.766 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

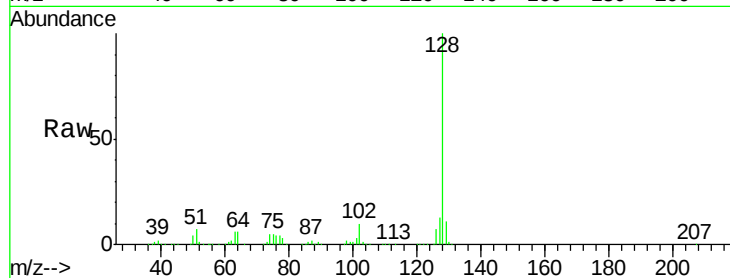
BNA_M

ClientSampleId :

PB120182BS

Tot Ion:128 Resp: 2053847

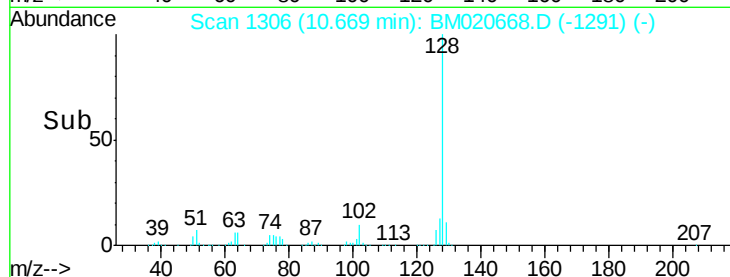
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.1	10.3	15.5



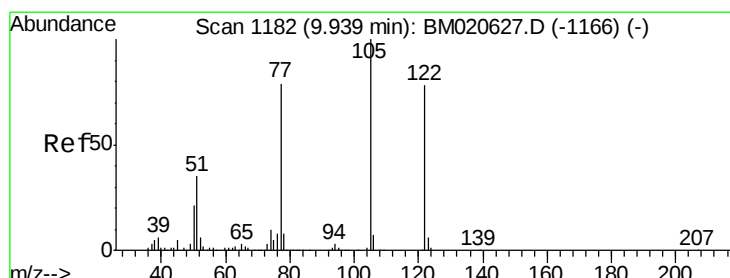
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 37.100 ng

RT: 9.91 min Scan# 1177

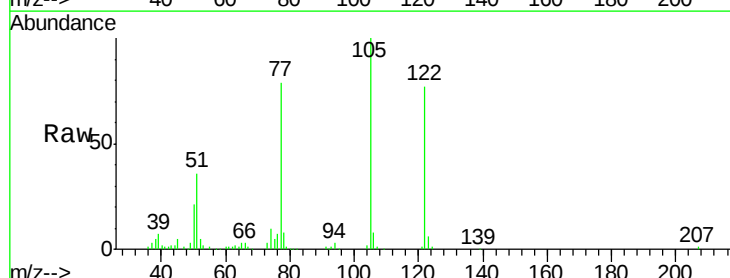
Delta R.T. -0.03 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Tgt Ion:122 Resp: 282920

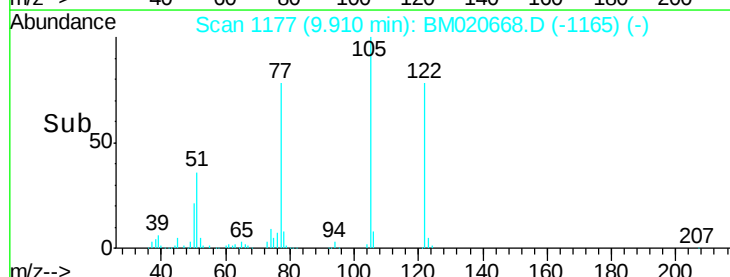
Ion	Ratio	Lower	Upper
122	100		
105	129.3	107.0	147.0
77	102.2	80.9	120.9



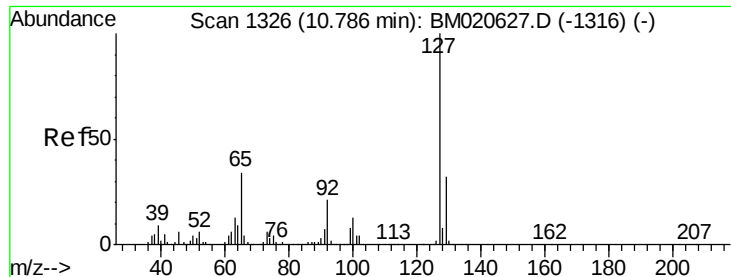
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



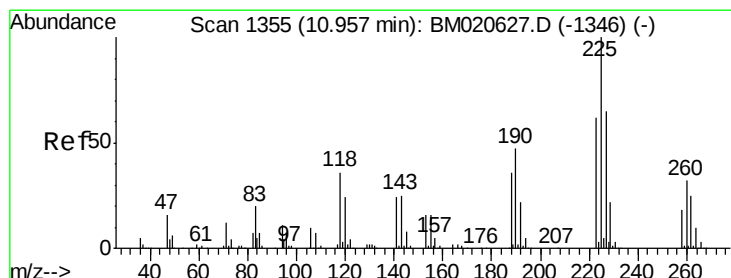
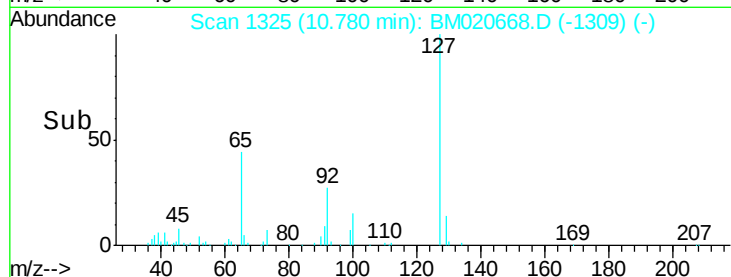
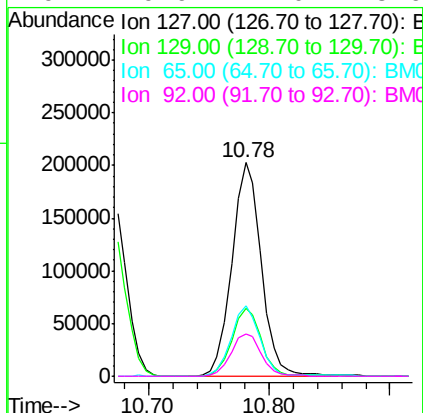
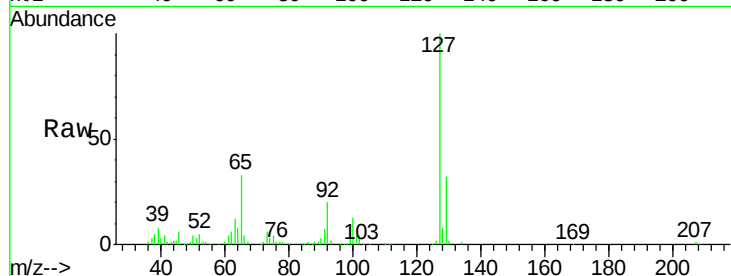
Time-->



#33
4-Chloroaniline
Concen: 15.763 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

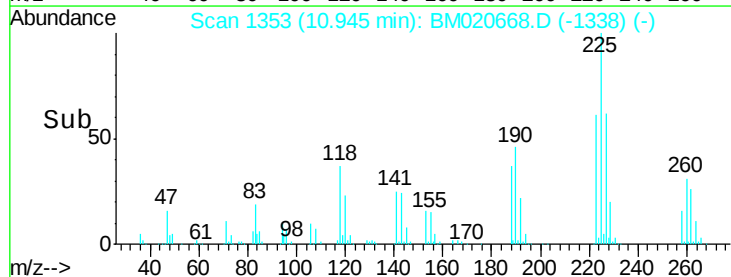
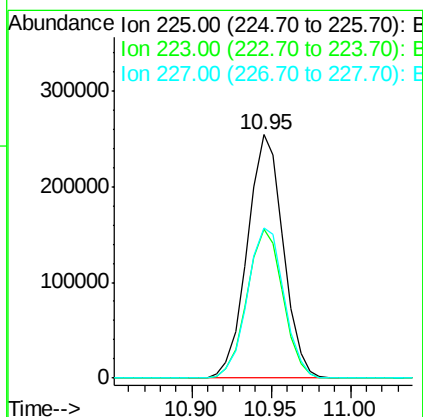
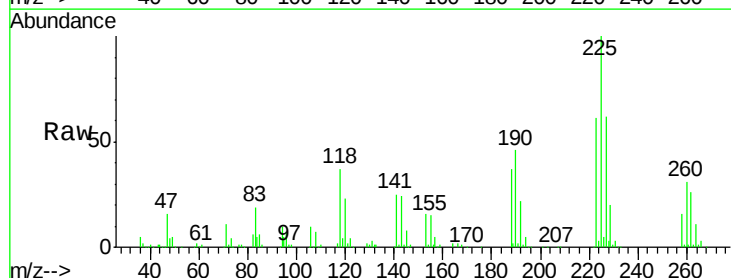
Instrument :
BNA_M
ClientSampleId :
PB120182BS

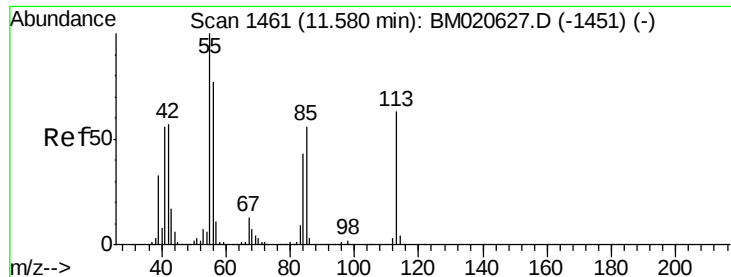
Tot Ion:	127	Resp:	344270
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	32.9	27.4	41.0
92	19.9	17.0	25.6



#34
Hexachlorobutadiene
Concen: 41.636 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:	225	Resp:	399098
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	61.9	51.8	77.8





#35

Caprolactam

Concen: 33.253 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

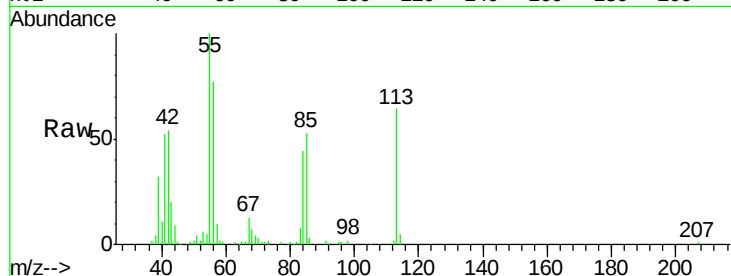
Tot Ion:113 Resp: 160499

Ion Ratio Lower Upper

113 100

55 156.6 138.6 178.6

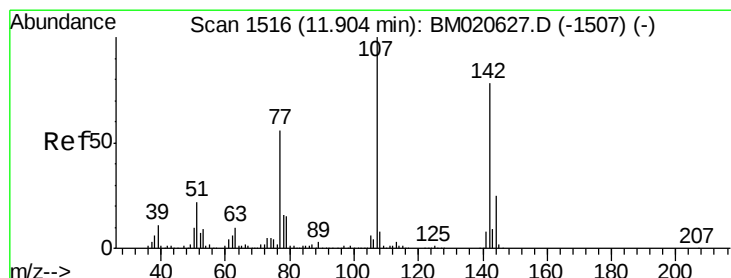
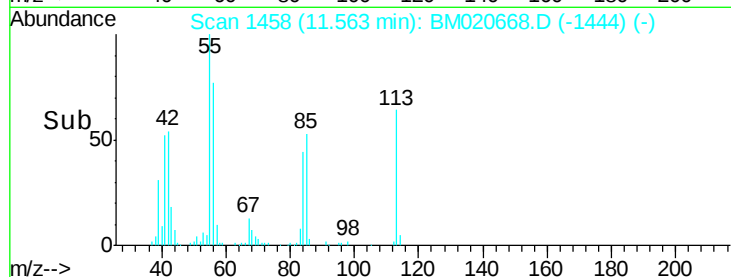
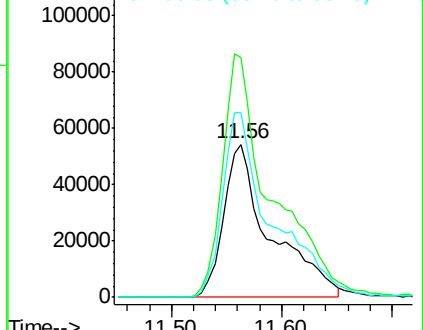
56 120.4 102.3 142.3



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: 37.436 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

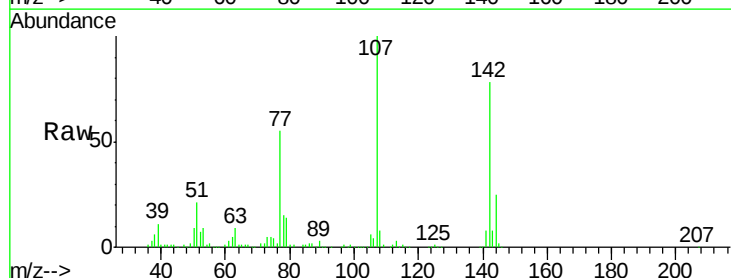
Tgt Ion:107 Resp: 604704

Ion Ratio Lower Upper

107 100

144 25.3 20.3 30.5

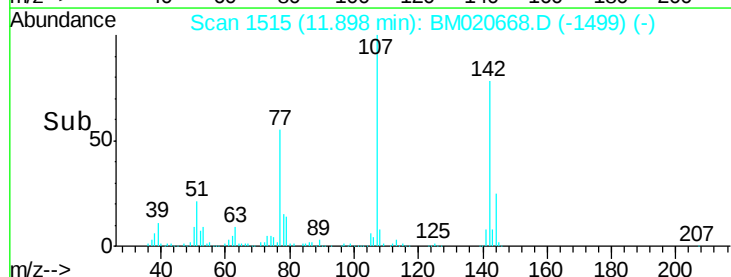
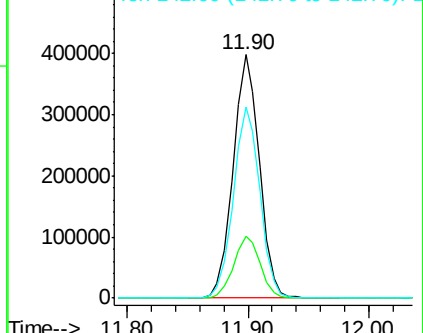
142 78.4 62.6 93.8

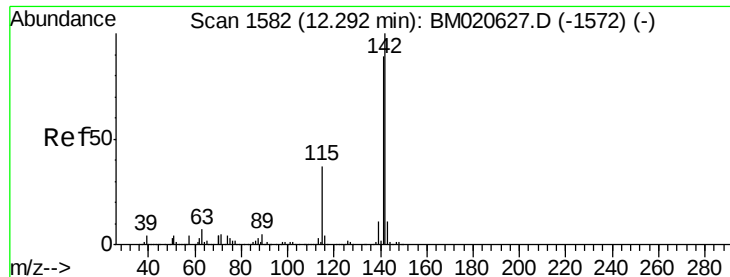


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

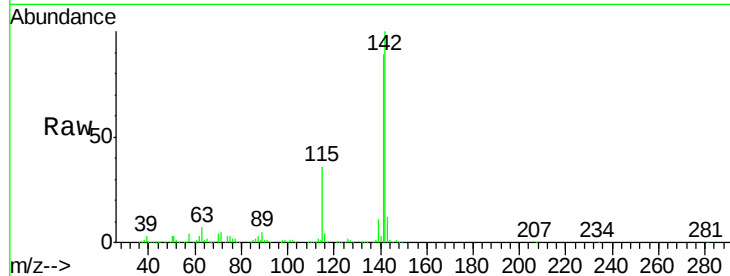




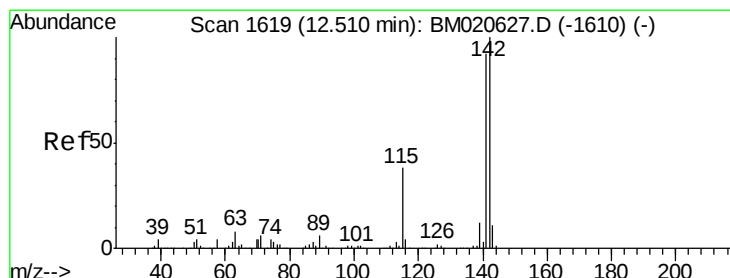
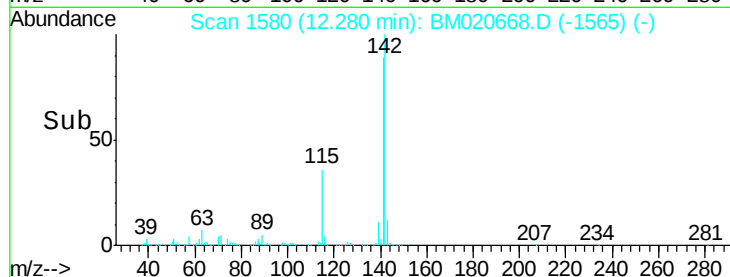
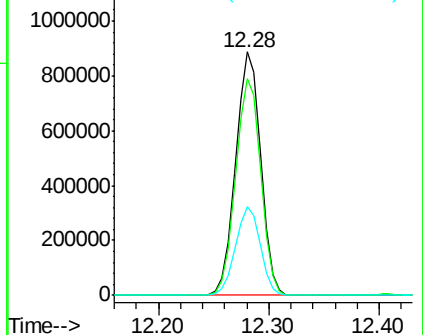
#37
2-Methylnaphthalene
Concen: 40.634 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:142 Resp: 1413447
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 36.2 29.6 44.4

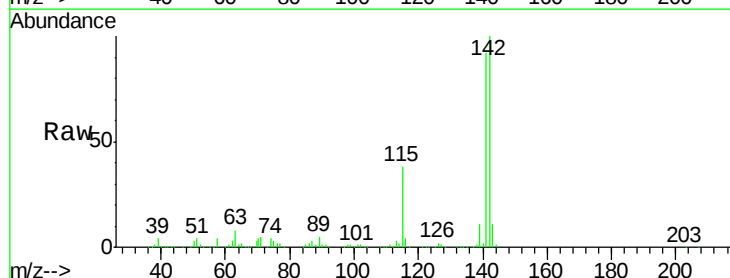


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

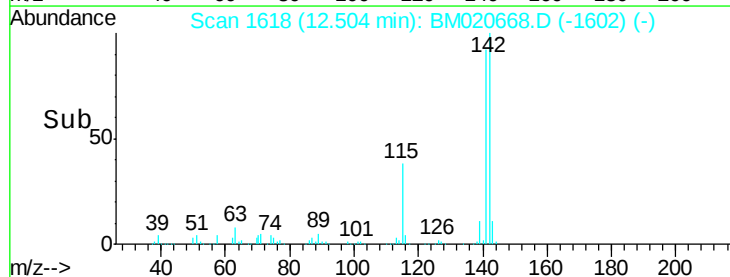
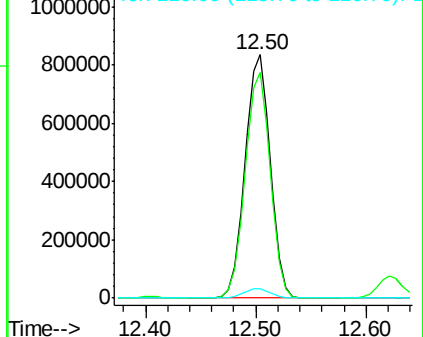


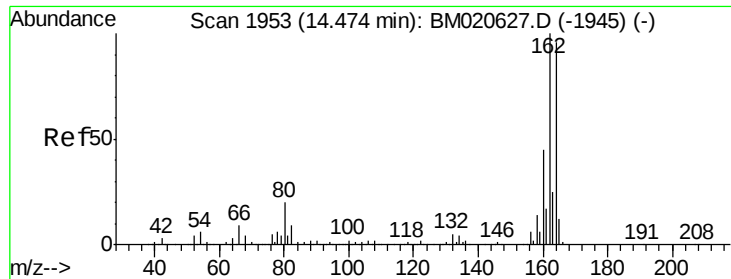
#38
1-Methylnaphthalene
Concen: 40.327 ng
RT: 12.50 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:142 Resp: 1335668
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.9 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: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

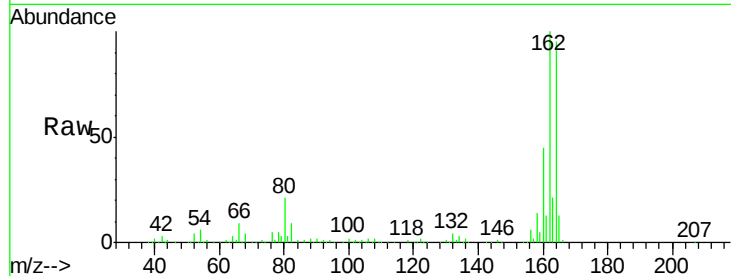
Tot Ion:164 Resp: 443145

Ion Ratio Lower Upper

164 100

162 105.6 83.2 124.8

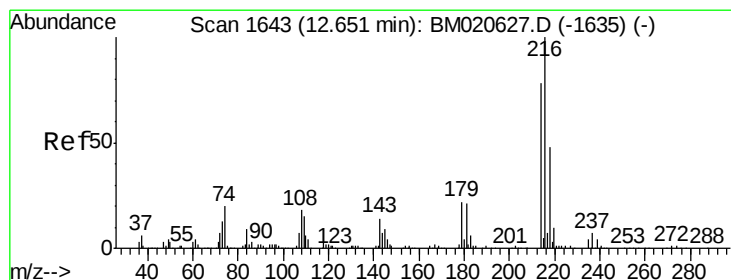
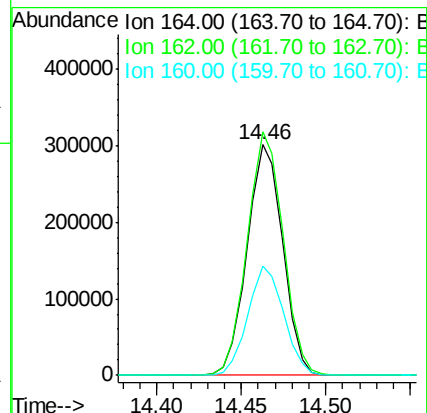
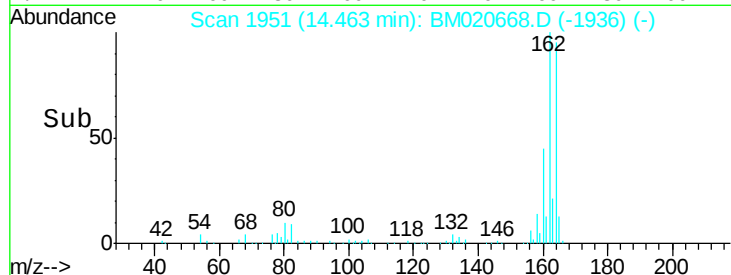
160 47.4 37.5 56.3



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: 48.078 ng

RT: 12.64 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Tgt Ion:216 Resp: 698209

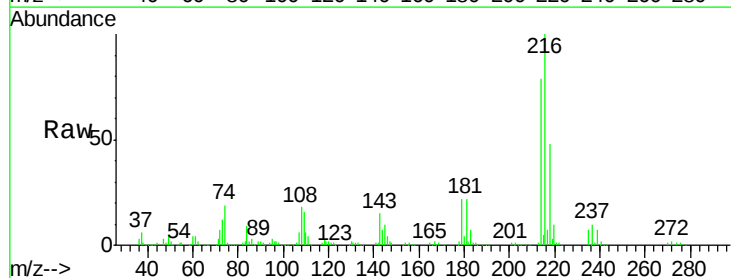
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.0 17.9 26.9

108 22.1 16.2 24.2

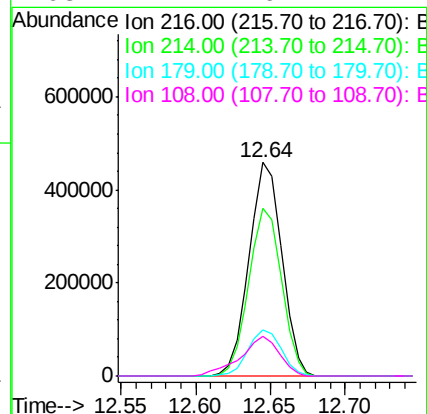
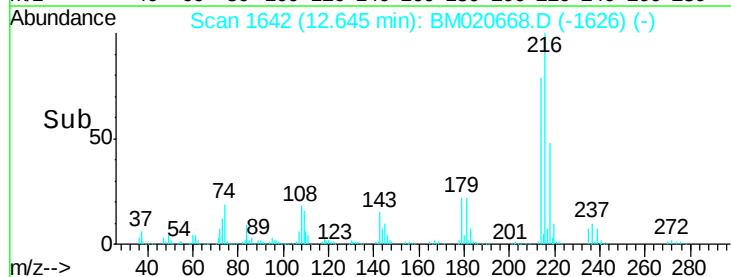


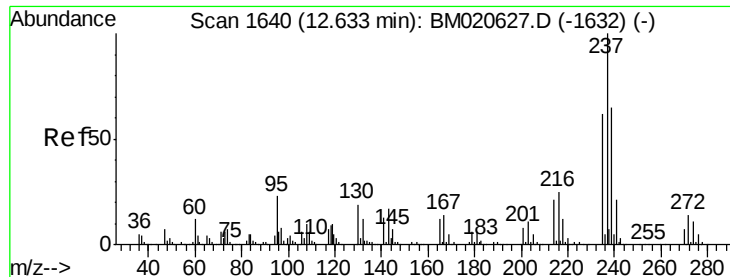
Abundance Ion 216.00 (215.70 to 216.70): E

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

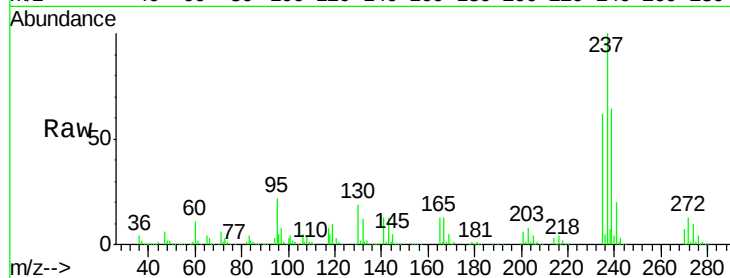




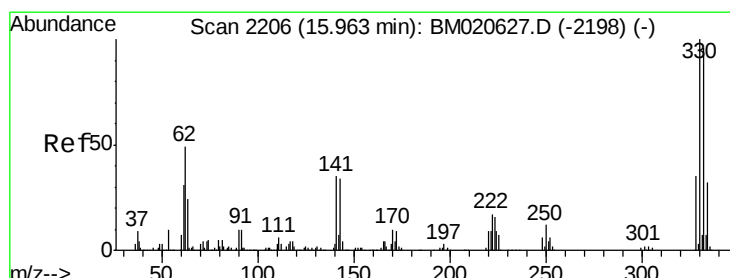
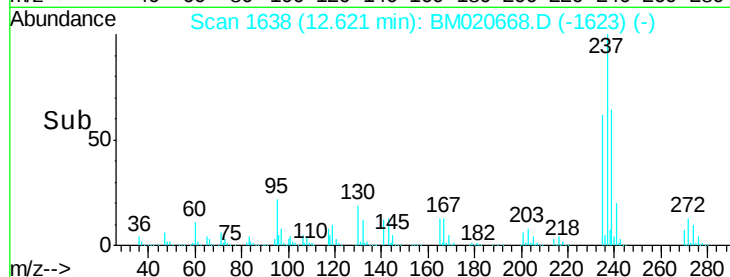
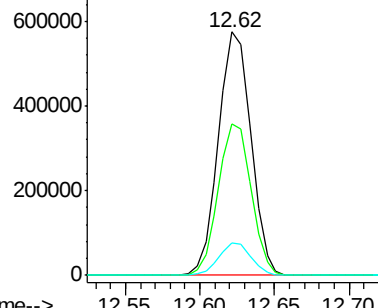
#41
Hexachlorocyclopentadiene
Concen: 99.861 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:237 Resp: 867328
Ion Ratio Lower Upper
237 100
235 61.9 42.1 82.1
272 13.3 0.0 33.5

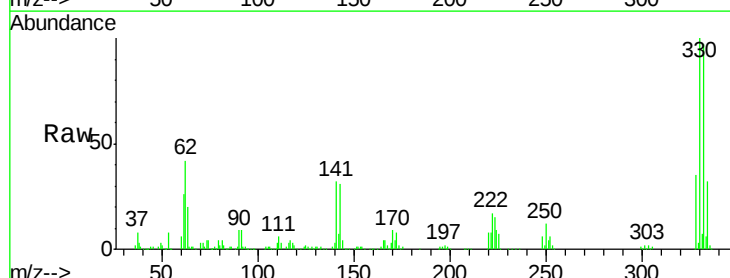


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

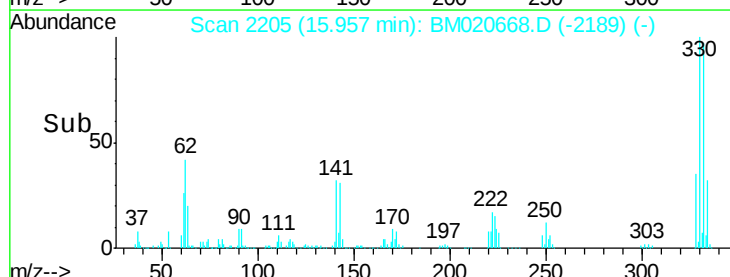
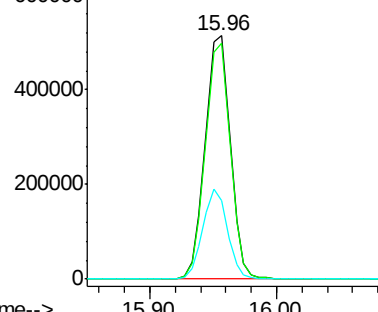


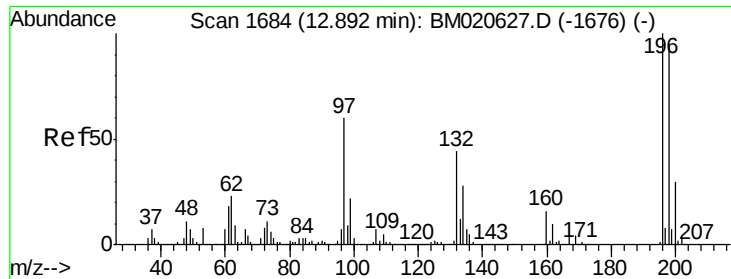
#42
2,4,6-Tribromophenol
Concen: 129.115 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:330 Resp: 708912
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 36.2 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

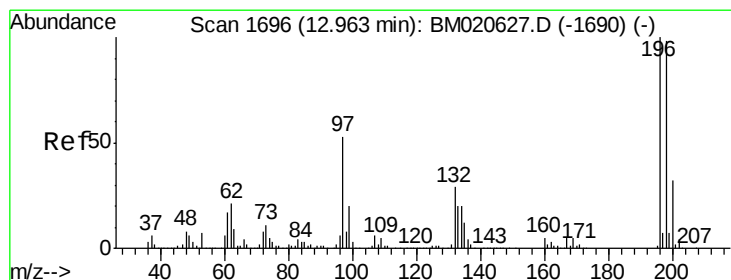
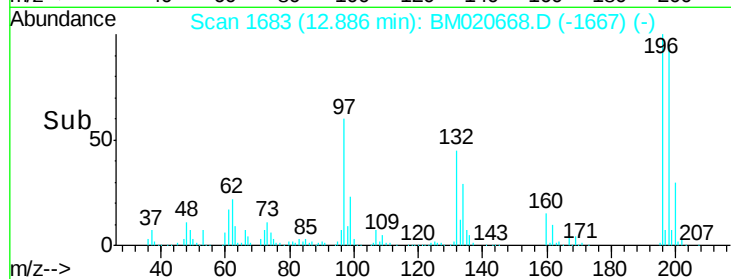
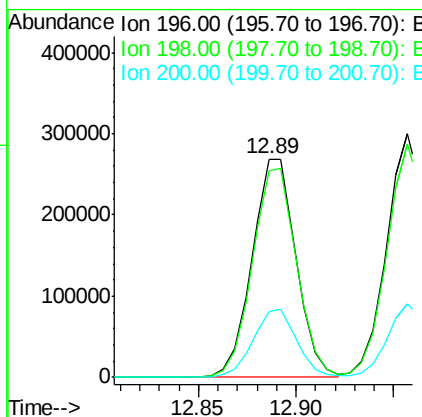
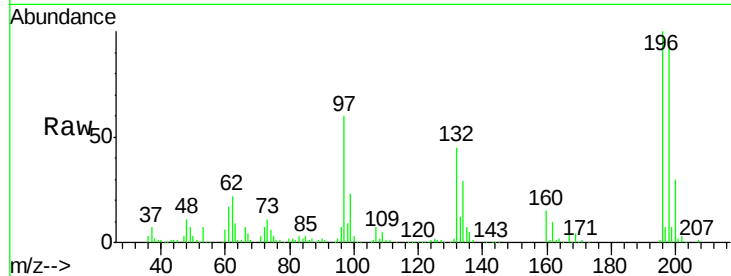




#43
 2,4,6-Trichlorophenol
 Concen: 44.816 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

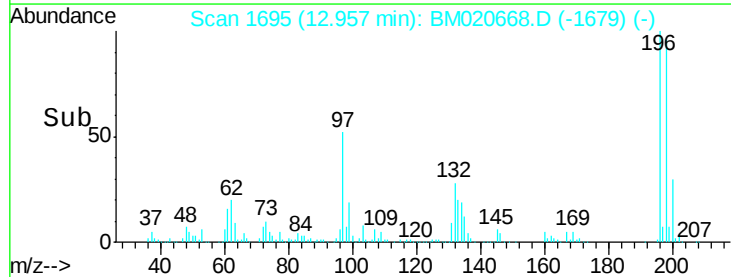
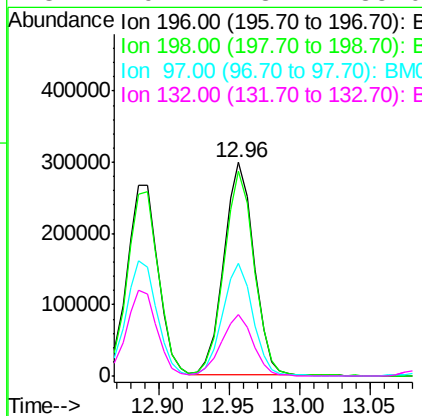
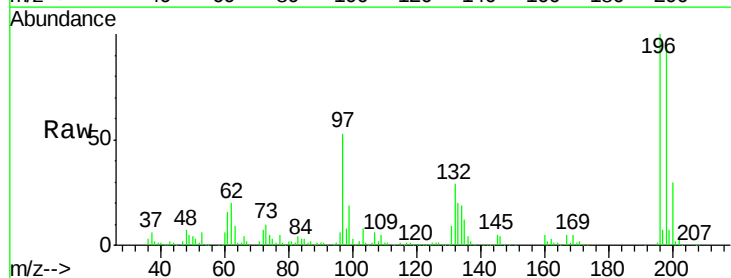
Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

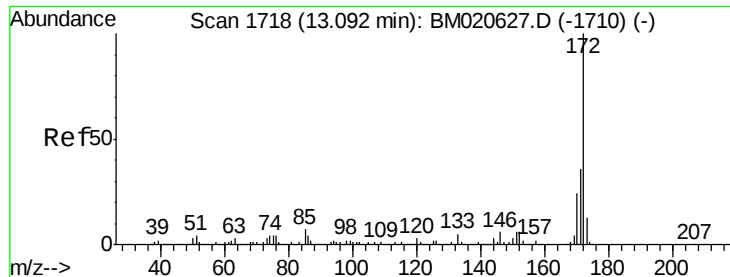
Tot Ion:196 Resp: 418927
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 45.757 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

Tgt Ion:196 Resp: 441578
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.6 117.8
 97 52.6 42.7 64.1
 132 29.1 23.4 35.0



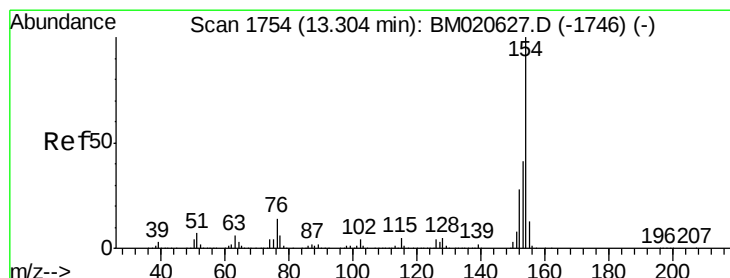
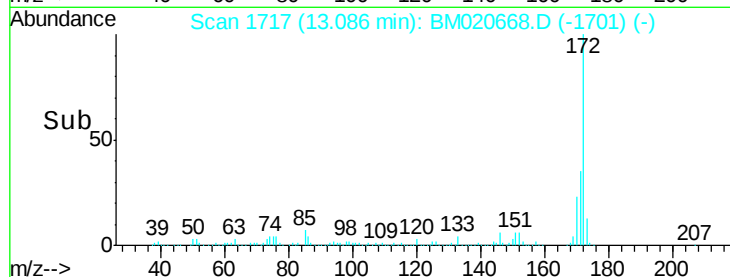
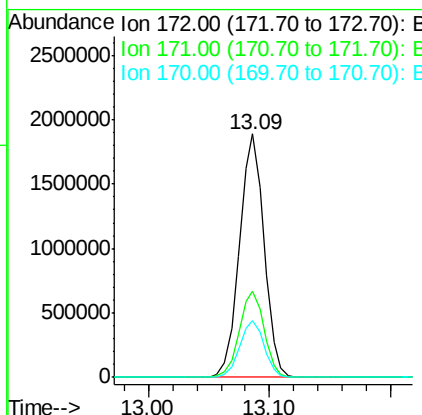
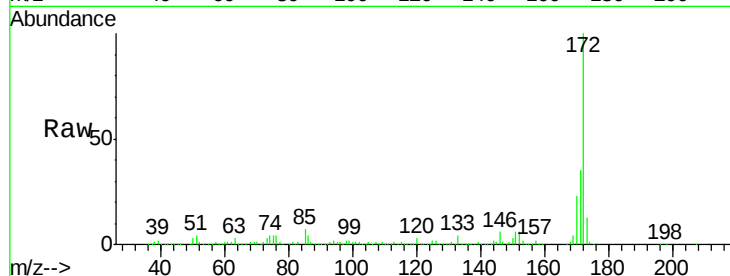


#45
2-Fluorobiphenyl
Concen: 80.341 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:172 Resp: 2678002

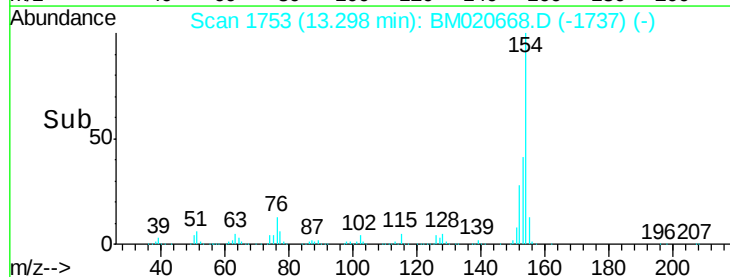
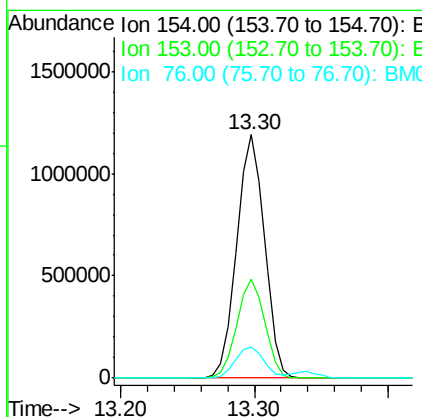
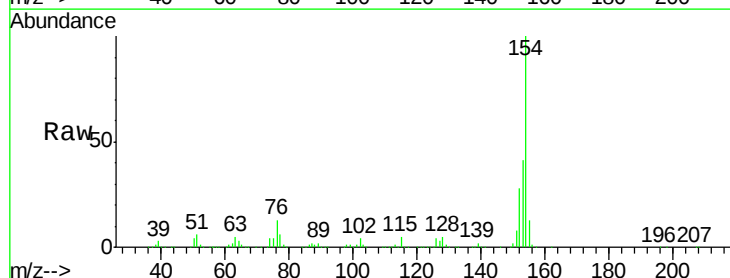
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	18.9	28.3

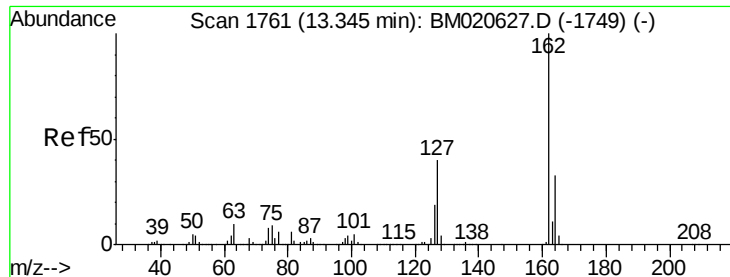


#46
1,1'-Biphenyl
Concen: 46.445 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:154 Resp: 1718945

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	13.0	0.0	34.0

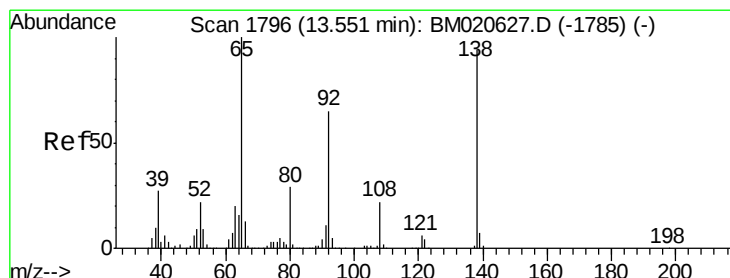
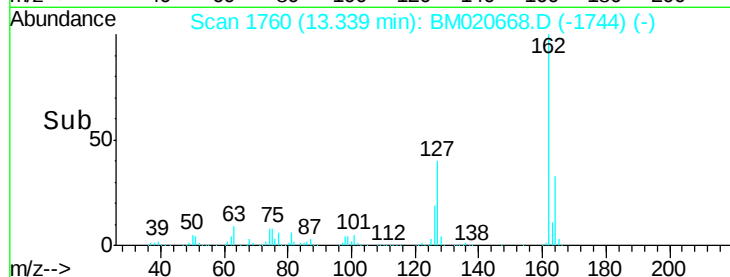
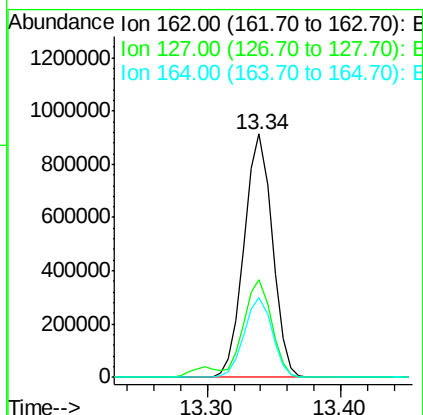
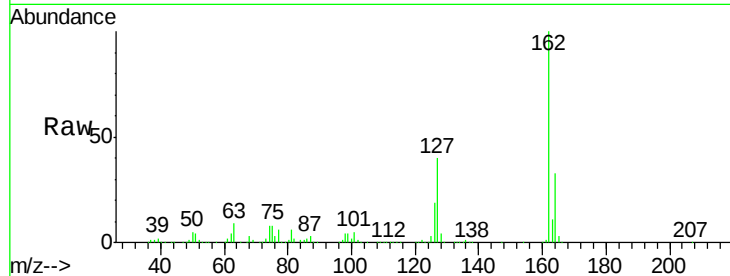




#47
2-Chloronaphthalene
Concen: 44.627 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

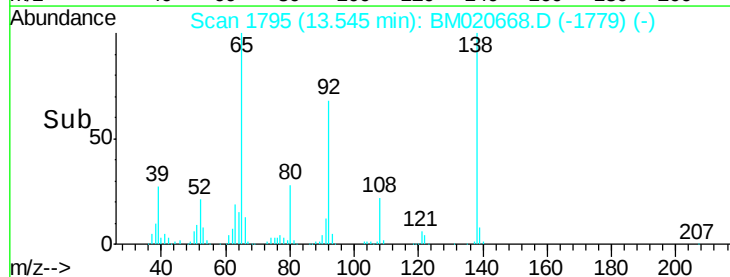
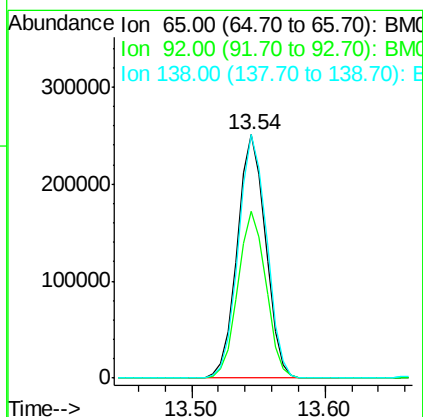
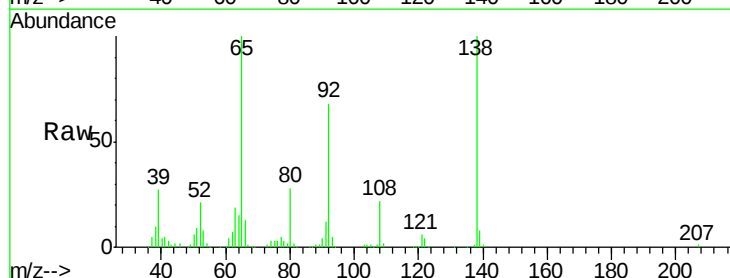
Instrument :
BNA_M
ClientSampleId :
PB120182BS

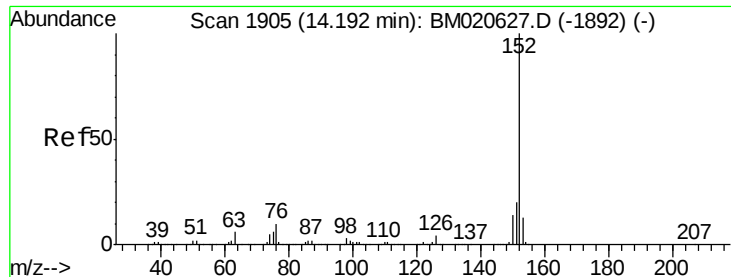
Tot Ion:162 Resp: 1333024
Ion Ratio Lower Upper
162 100
127 39.9 32.1 48.1
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 39.461 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion: 65 Resp: 369957
Ion Ratio Lower Upper
65 100
92 68.3 52.2 78.4
138 100.0 75.4 113.0





#49

Acenaphthylene

Concen: 43.906 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

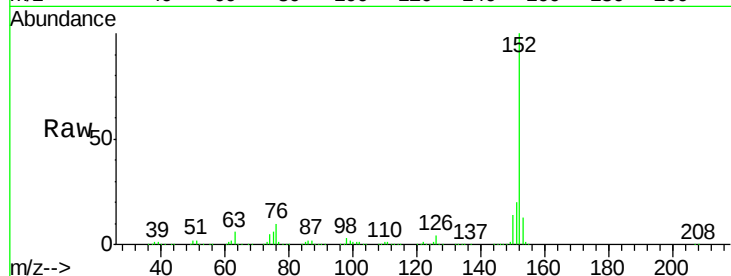
BNA_M

ClientSampleId :

PB120182BS

Tot Ion:152 Resp: 2046336

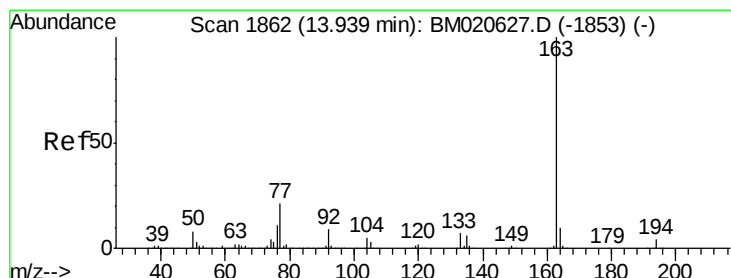
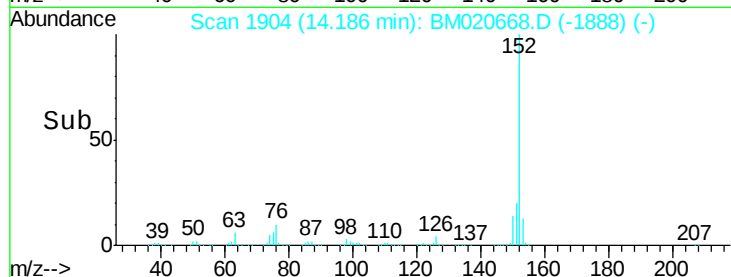
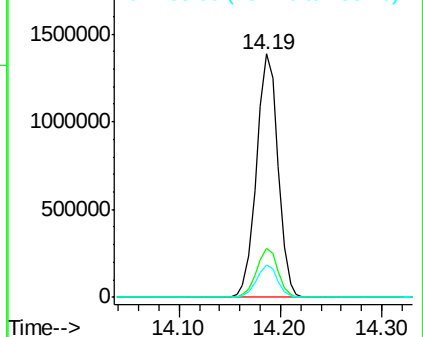
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	15.8



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: 39.687 ng

RT: 13.93 min Scan# 1860

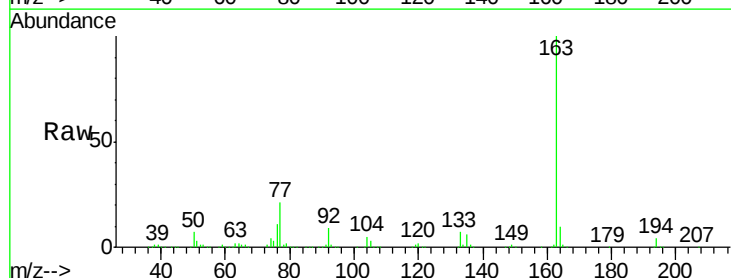
Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Tgt Ion:163 Resp: 1502566

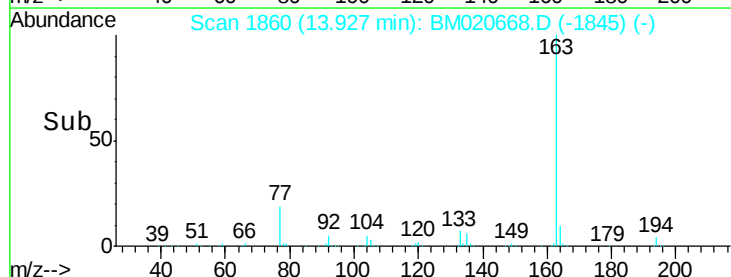
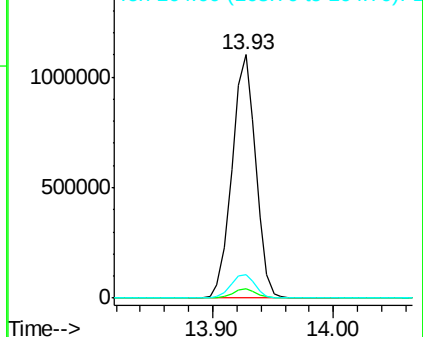
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	7.9	11.9

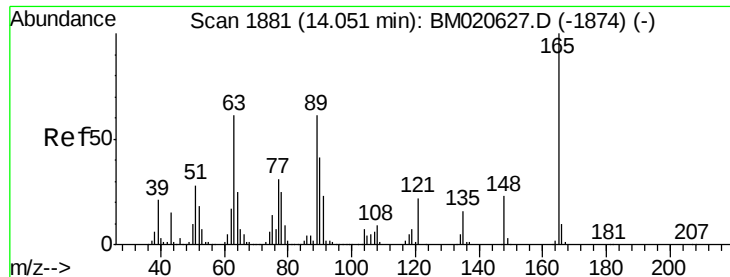


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.291 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

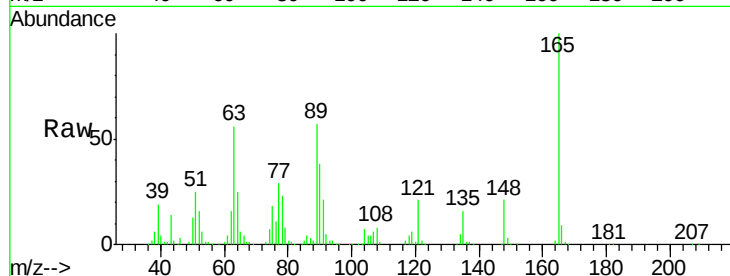
Tot Ion:165 Resp: 325110

Ion Ratio Lower Upper

165 100

63 56.4 50.4 75.6

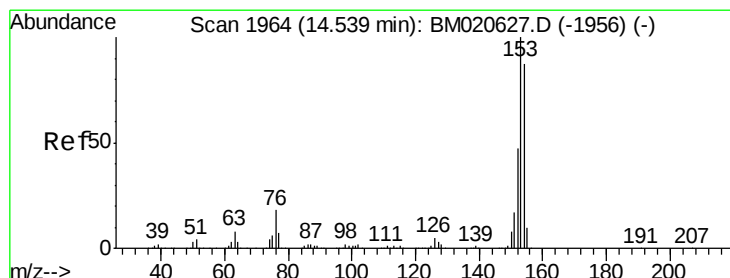
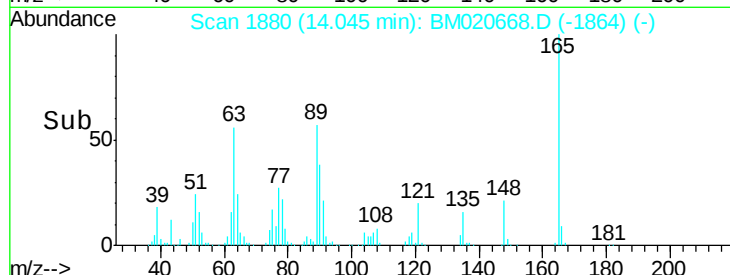
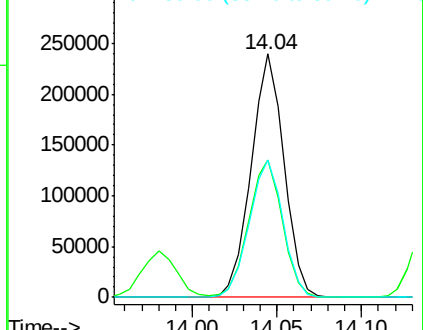
89 56.6 49.1 73.7



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: 42.768 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

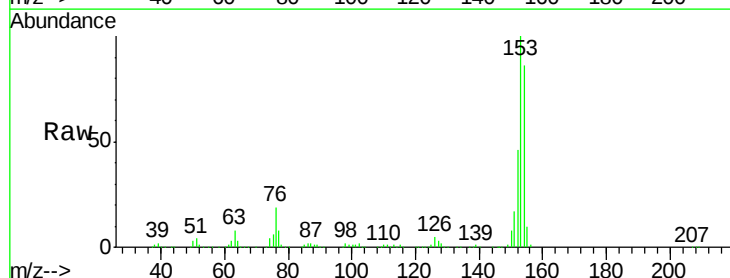
Tgt Ion:154 Resp: 1187858

Ion Ratio Lower Upper

154 100

153 116.0 92.4 138.6

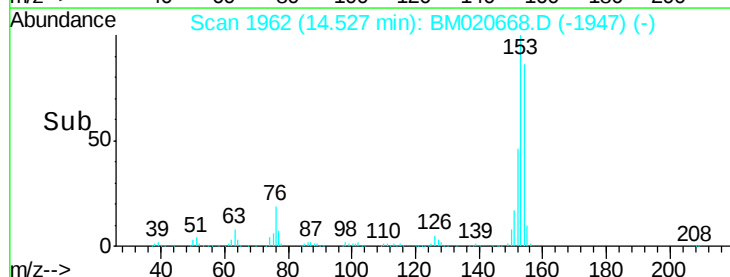
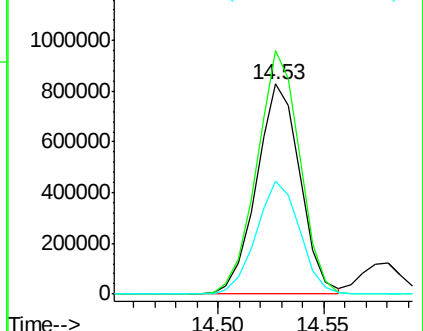
152 53.8 43.4 65.0

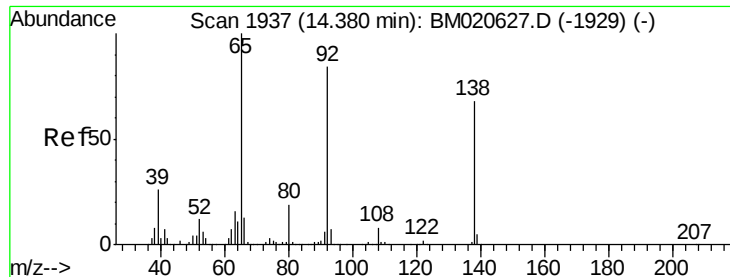


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

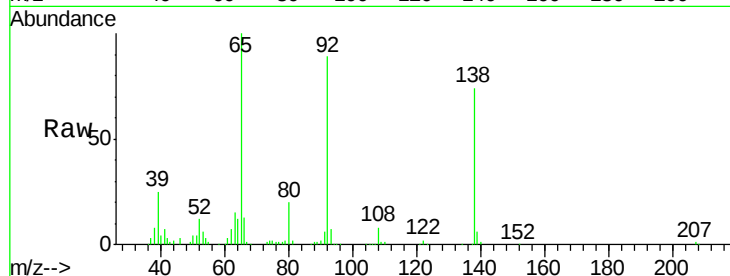




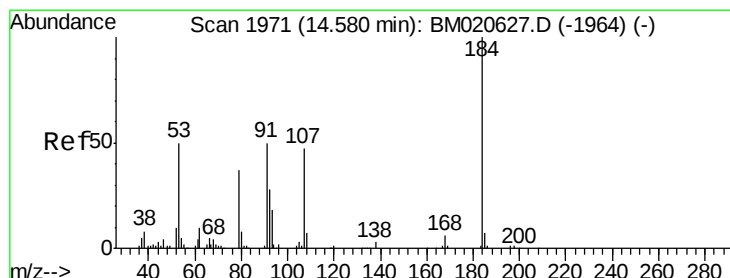
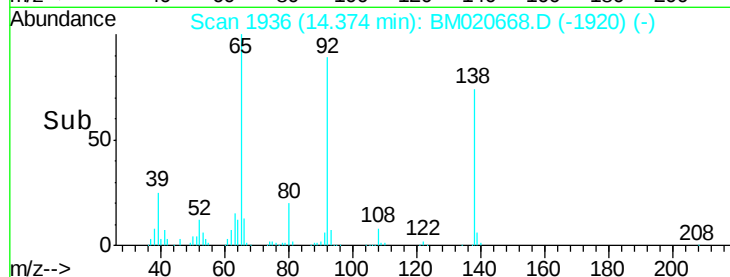
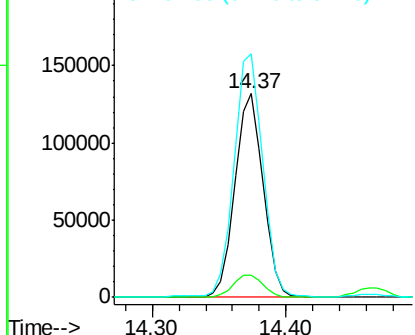
#53
3-Nitroaniline
Concen: 22.599 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:138 Resp: 193911
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 119.4 99.6 149.4

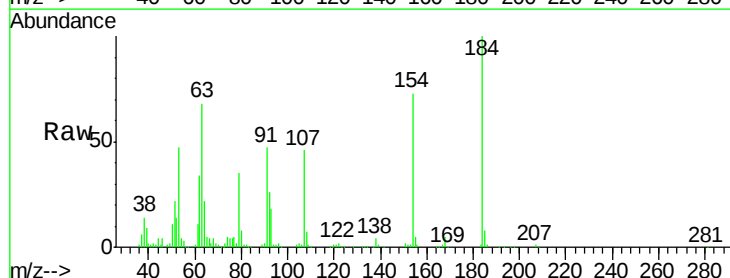


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

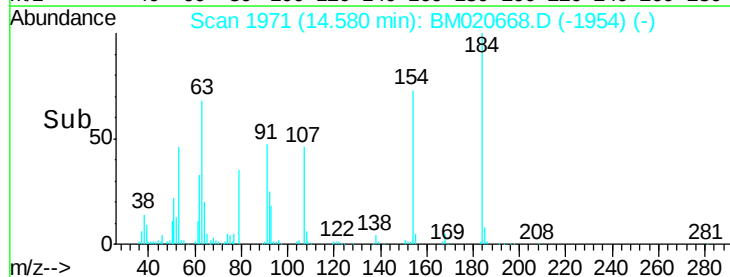
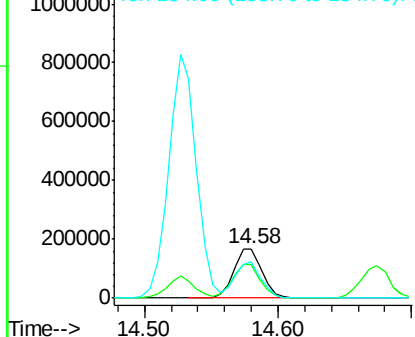


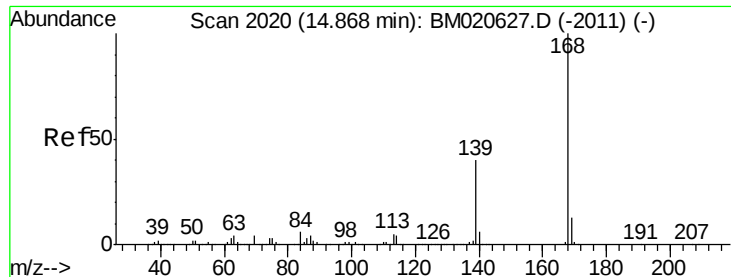
#54
2,4-Dinitrophenol
Concen: 74.552 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:184 Resp: 244759
Ion Ratio Lower Upper
184 100
63 68.0 59.3 88.9
154 73.0 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

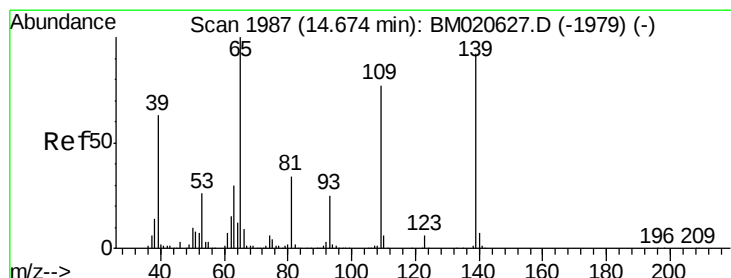
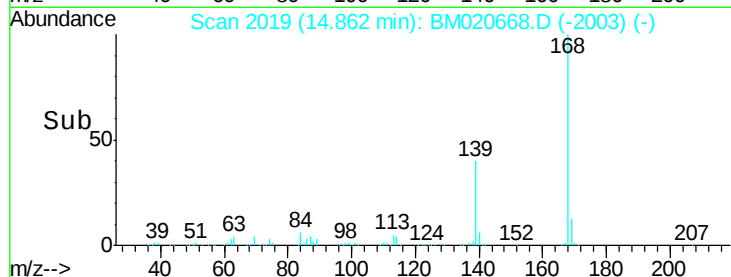
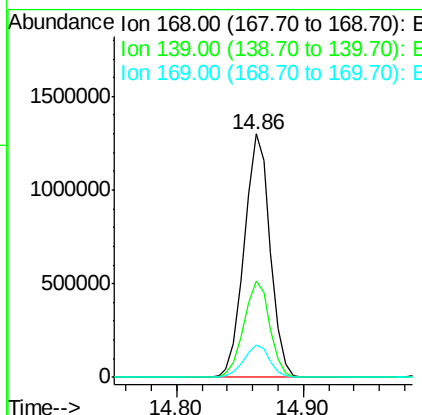
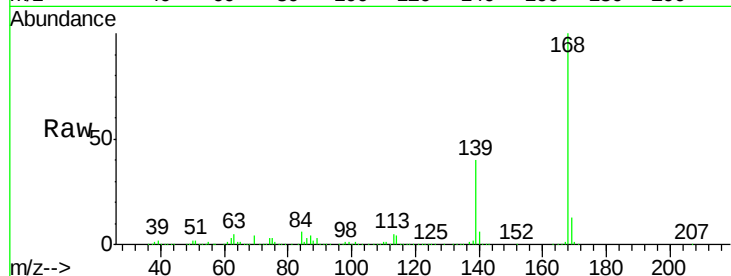




#55
Dibenzofuran
Concen: 42.540 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

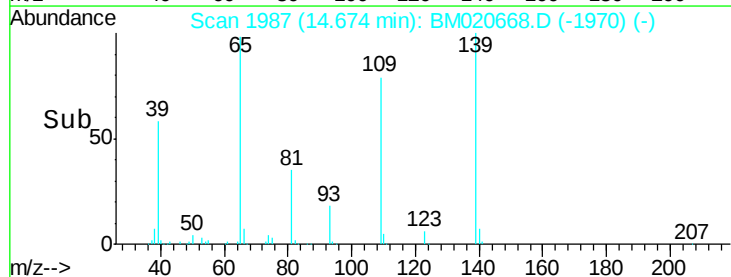
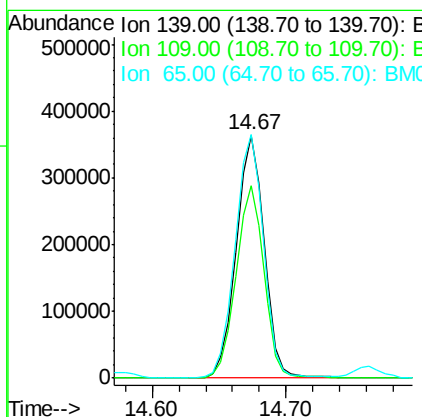
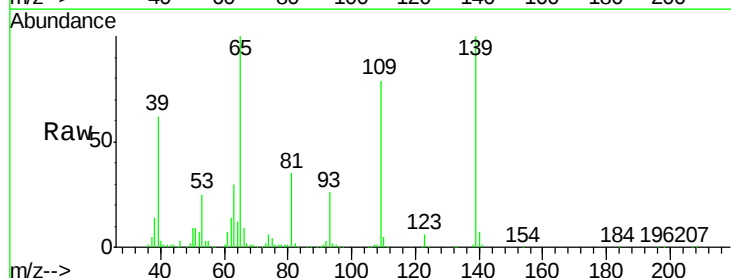
Instrument :
BNA_M
ClientSampleId :
PB120182BS

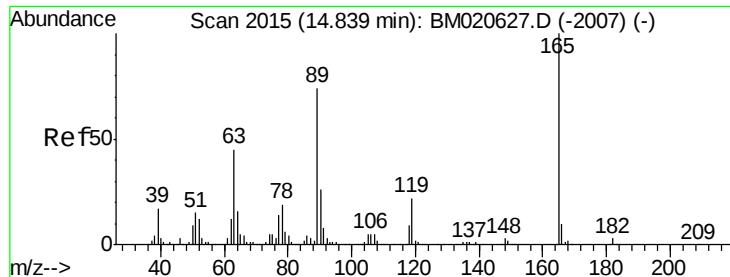
Tot Ion:168 Resp: 1835083
Ion Ratio Lower Upper
168 100
139 39.8 31.9 47.9
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 83.373 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:139 Resp: 527171
Ion Ratio Lower Upper
139 100
109 79.6 62.7 102.7
65 100.5 88.3 128.3

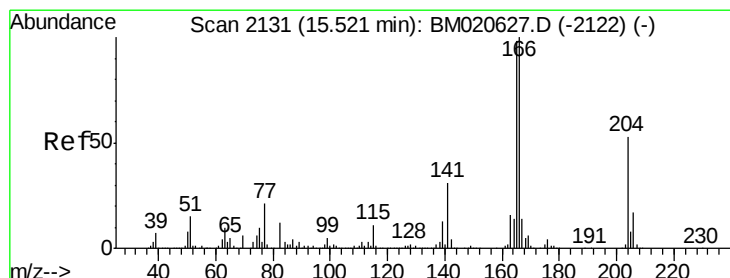
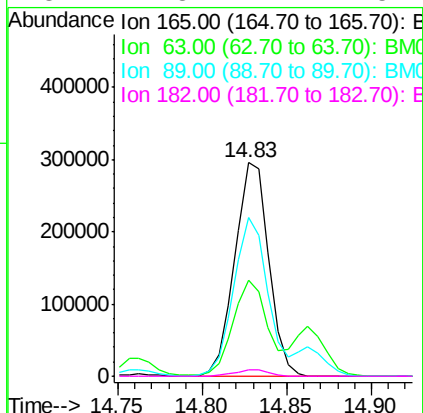
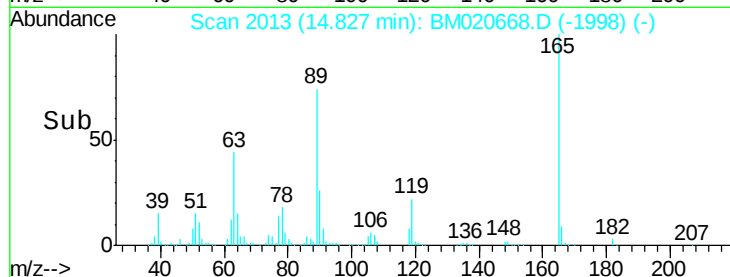
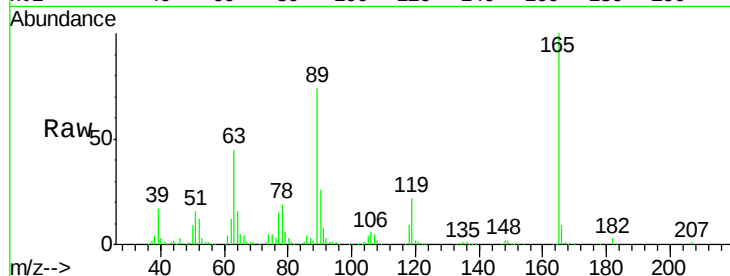




#57
2,4-Dinitrotoluene
Concen: 40.340 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

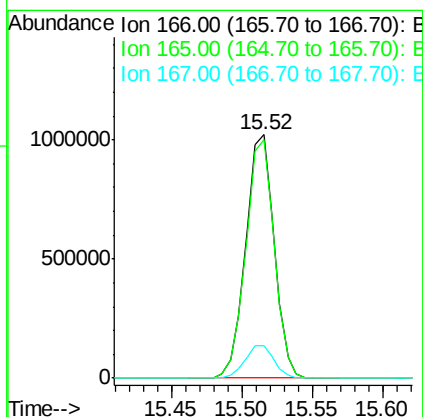
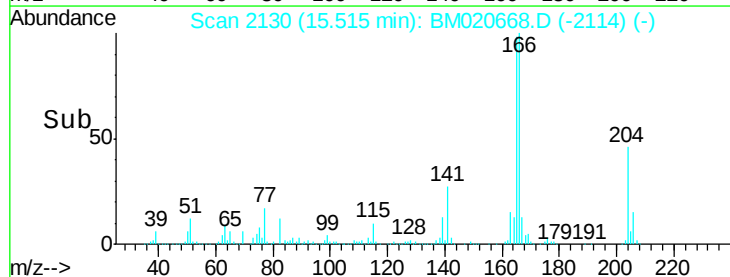
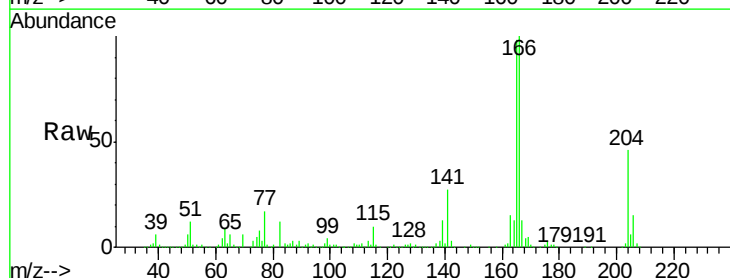
Instrument :
BNA_M
ClientSampleId :
PB120182BS

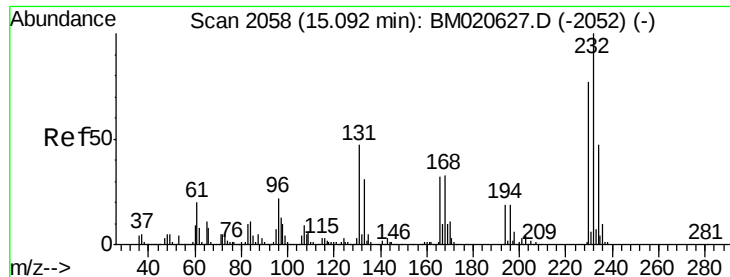
Tot Ion:165 Resp: 415228
Ion Ratio Lower Upper
165 100
63 45.0 36.3 54.5
89 74.3 59.0 88.6
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.789 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:166 Resp: 1446965
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.2 11.0 16.4

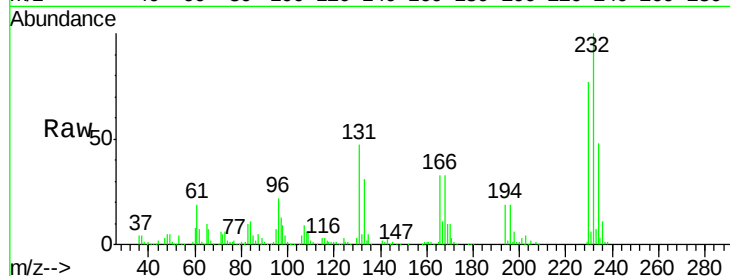




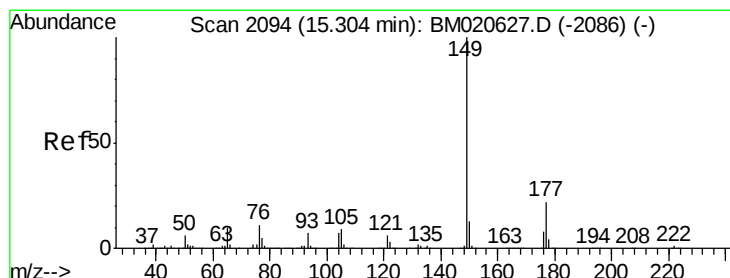
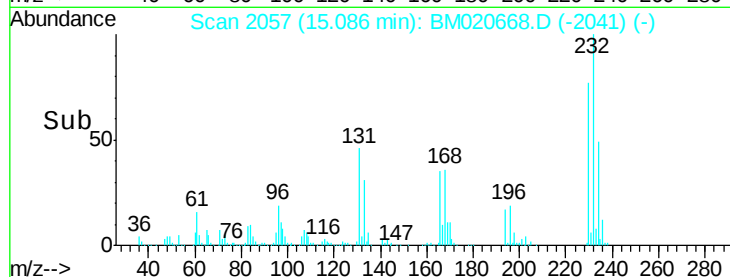
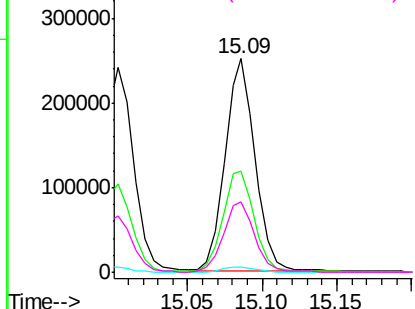
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.794 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion:232	Resp:	351457
Ion Ratio	Lower	Upper
232 100		
131 49.6	38.6	57.8
130 2.7	2.2	3.2
166 34.0	26.6	39.8

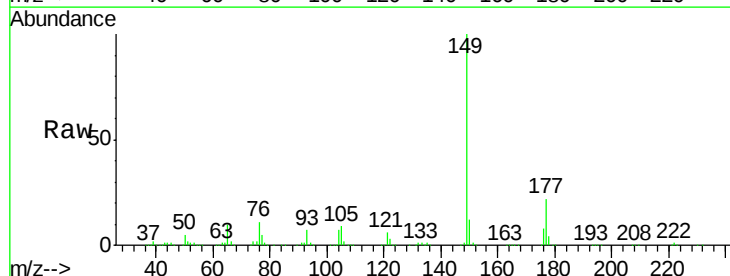


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

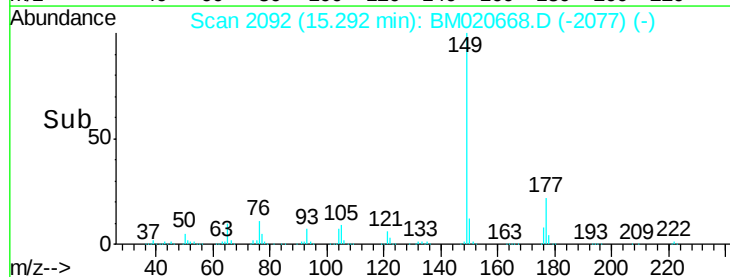
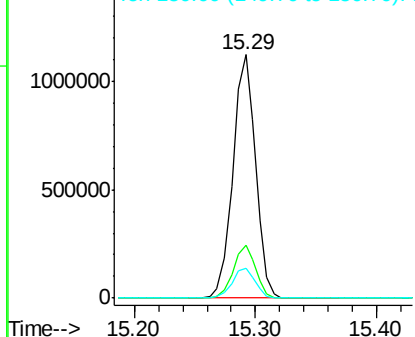


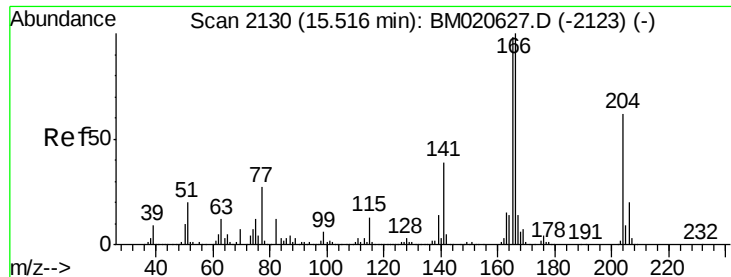
#60
 Diethylphthalate
 Concen: 37.407 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

Tgt Ion:149	Resp: 1460617
Ion Ratio	Lower Upper
149 100	
177 21.9	17.2 25.8
150 12.2	10.1 15.1



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

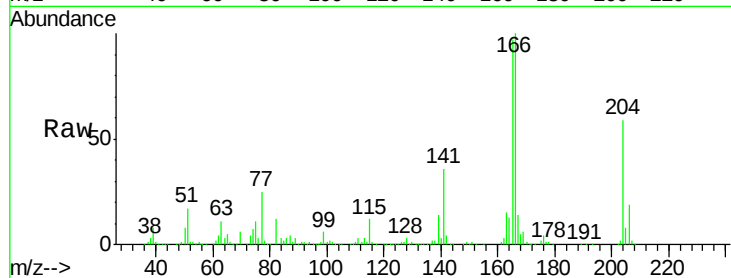




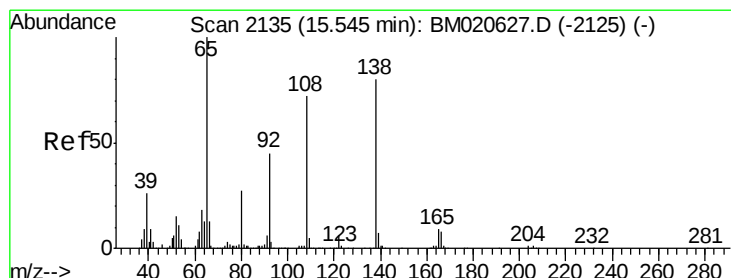
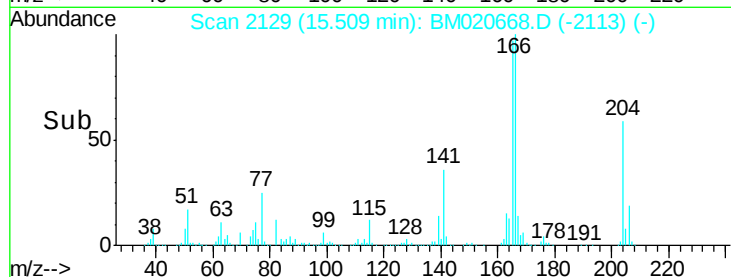
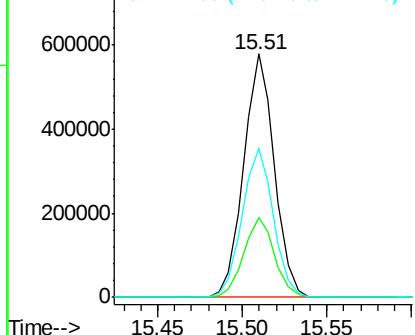
#61
4-Chlorophenyl-phenylether
Concen: 38.927 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:204 Resp: 731161
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 61.1 50.2 75.4

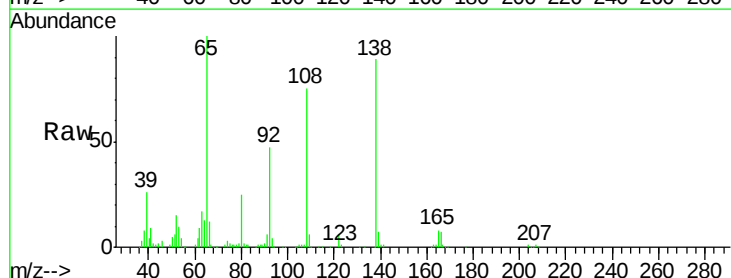


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

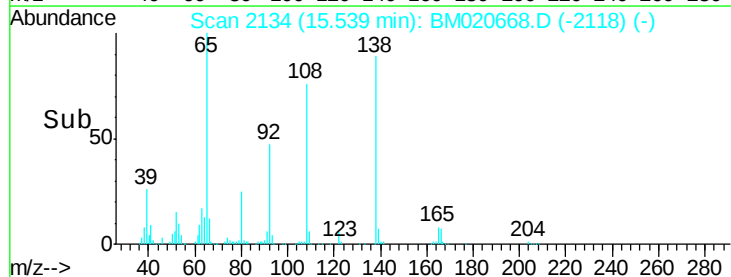
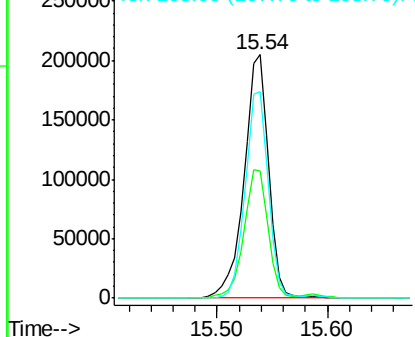


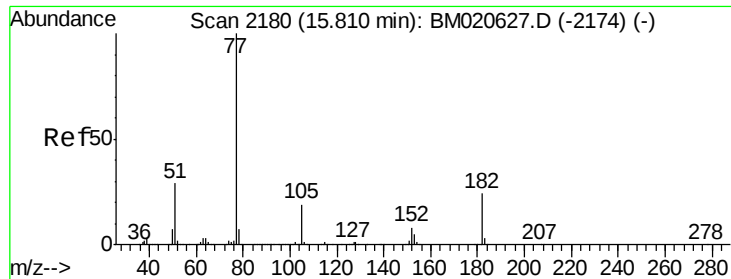
#62
4-Nitroaniline
Concen: 35.208 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:138 Resp: 320397
Ion Ratio Lower Upper
138 100
92 52.3 36.7 76.7
108 84.8 70.3 110.3



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





#63

Azobenzene

Concen: 39.098 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion: 77 Resp: 1463623

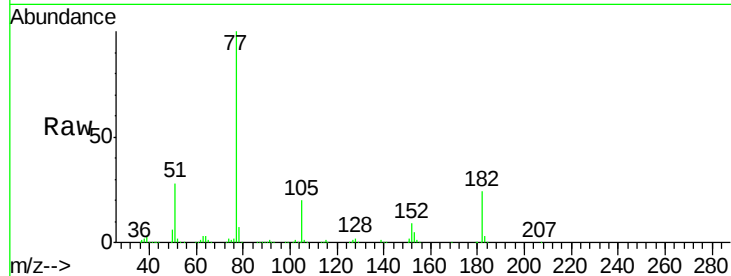
Ion	Ratio	Lower	Upper
77	100		
182	24.5	3.6	43.6
105	20.0	0.0	39.4
51	28.3	9.5	49.5

77 100

182 24.5 3.6 43.6

105 20.0 0.0 39.4

51 28.3 9.5 49.5



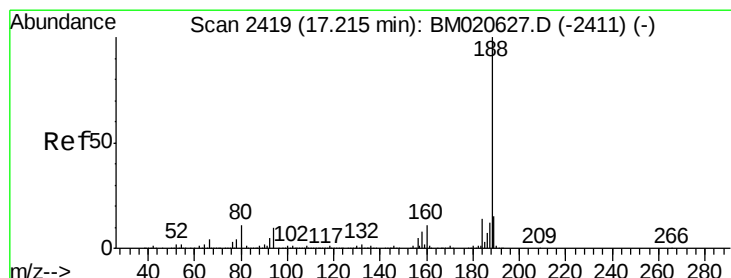
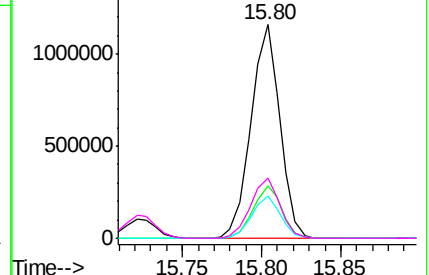
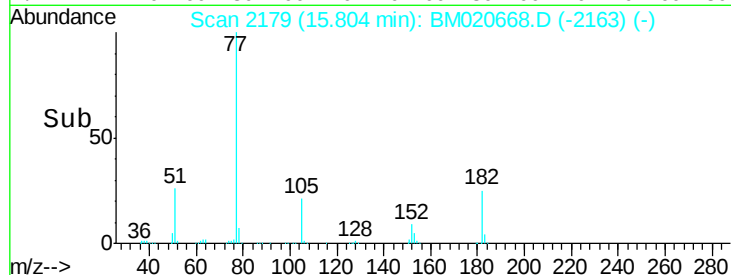
Abundance Ion 77.00 (76.70 to 77.70): BM020668.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020668.D (-2163) (-)

Ion 105.00 (104.70 to 105.70): BM020668.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020668.D (-2163) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

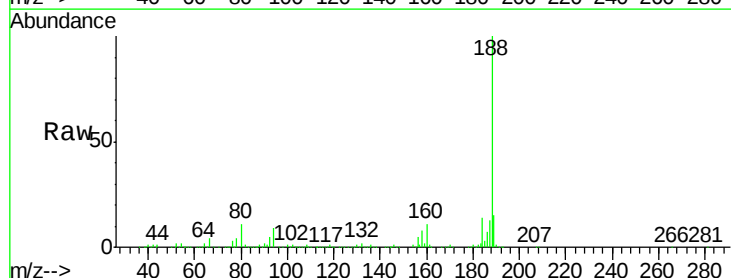
Tgt Ion: 188 Resp: 831513

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	10.8	9.0	13.6

188 100

94 9.2 7.8 11.8

80 10.8 9.0 13.6

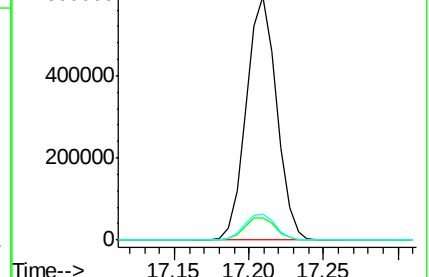
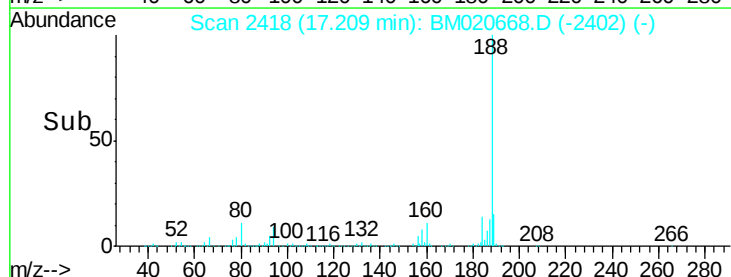


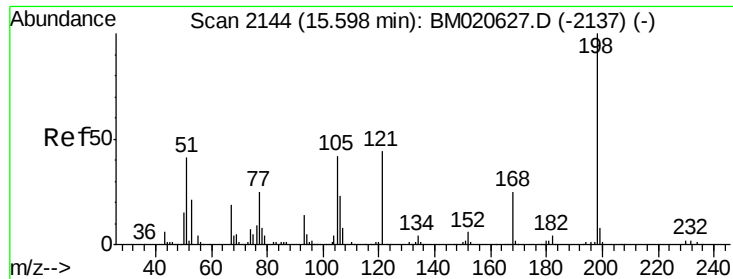
Abundance Ion 188.00 (187.70 to 188.70): BM020668.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020668.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020668.D (-2402) (-)

Time-->

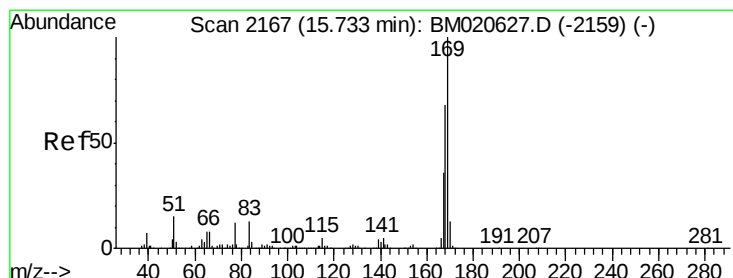
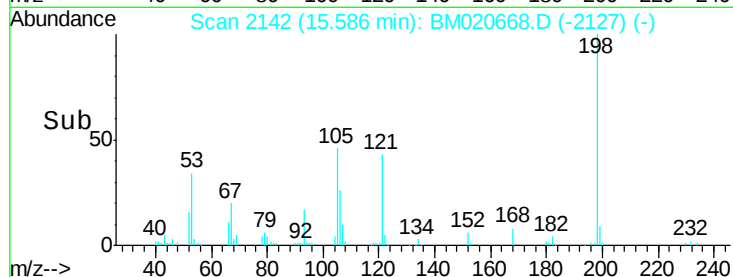
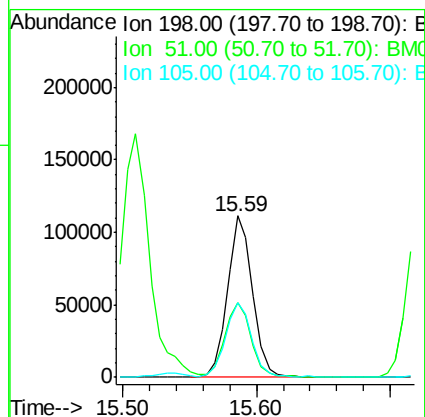
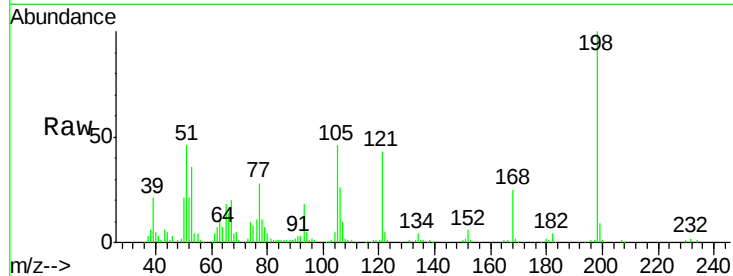




#65
4,6-Dinitro-2-methylphenol
Concen: 40.593 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

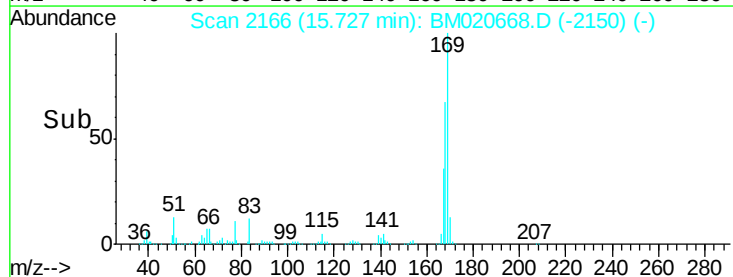
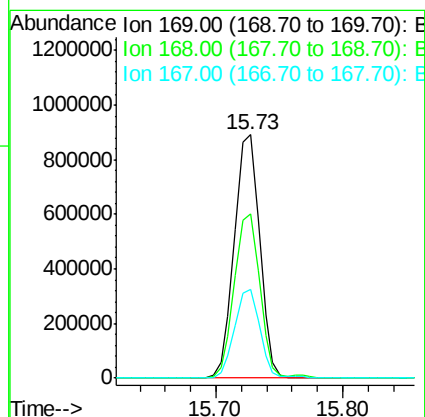
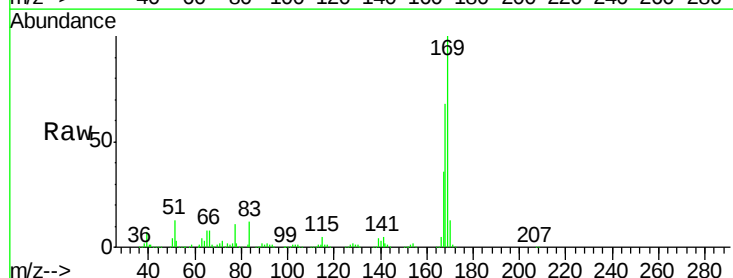
Instrument :
BNA_M
ClientSampleId :
PB120182BS

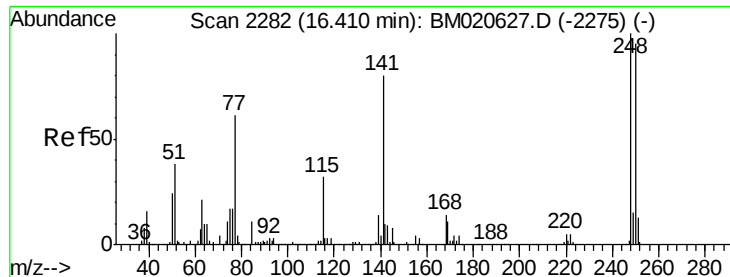
Tot Ion:198 Resp: 147290
Ion Ratio Lower Upper
198 100
51 46.5 27.7 67.7
105 46.3 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 46.178 ng
RT: 15.73 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:169 Resp: 1229201
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.4
167 36.4 29.1 43.7





#67

4-Bromophenyl-phenylether

Concen: 42.885 ng

RT: 16.40 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

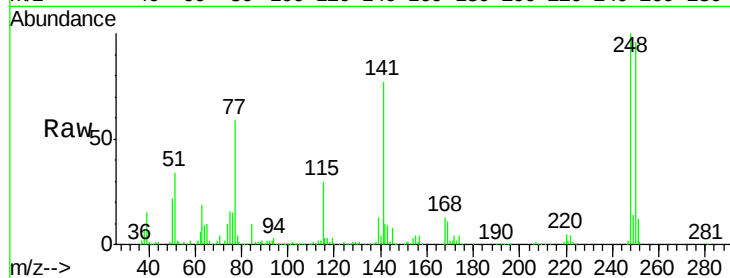
Tot Ion:248 Resp: 419852

Ion Ratio Lower Upper

248 100

250 96.3 76.3 114.5

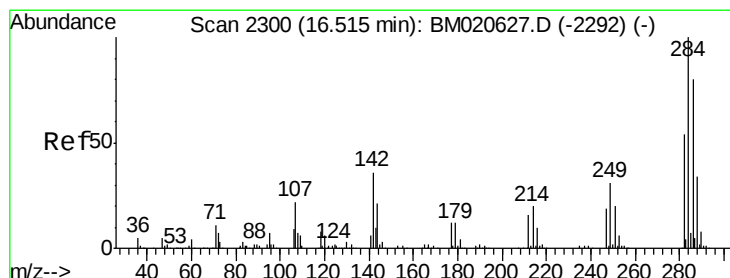
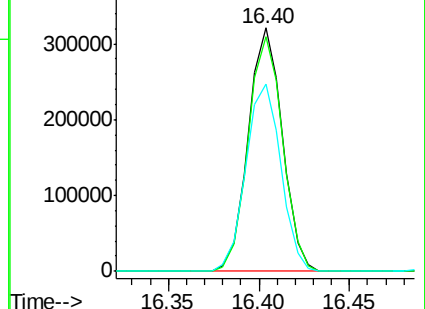
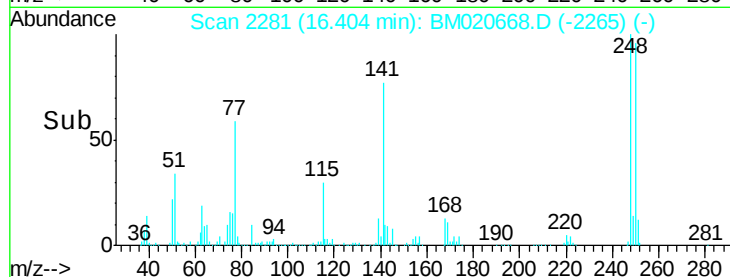
141 76.7 64.2 96.2



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: 41.553 ng

RT: 16.51 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

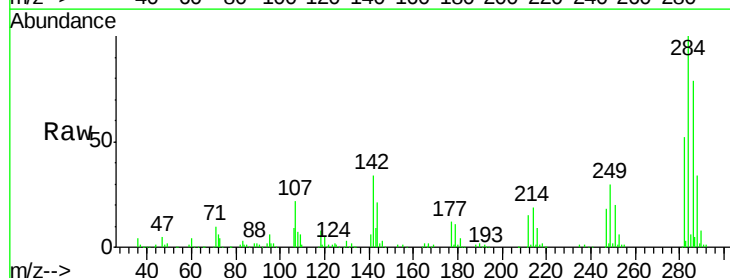
Tgt Ion:284 Resp: 475038

Ion Ratio Lower Upper

284 100

142 33.5 28.6 42.8

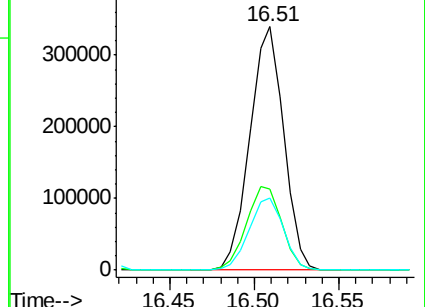
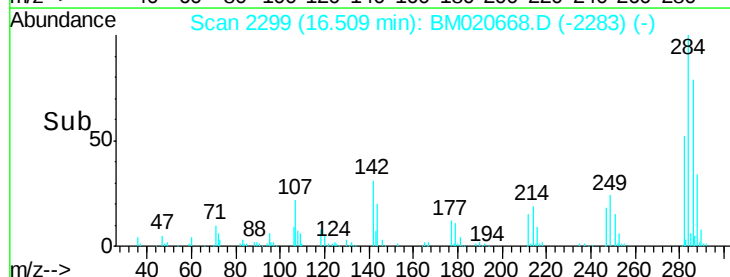
249 29.8 25.0 37.4

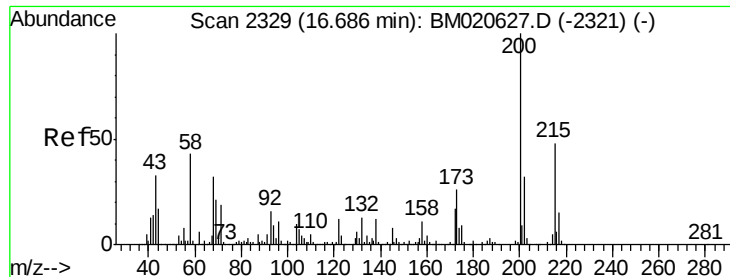


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.420 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

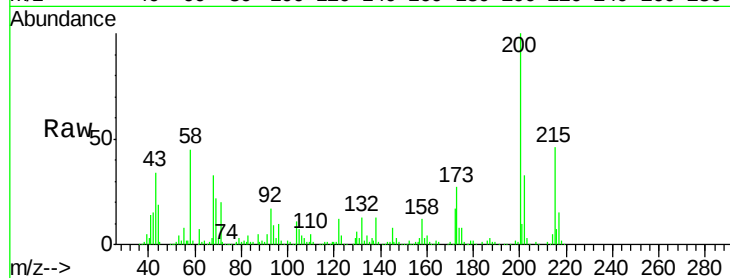
Tot Ion:200 Resp: 376725

Ion Ratio Lower Upper

200 100

173 27.5 6.2 46.2

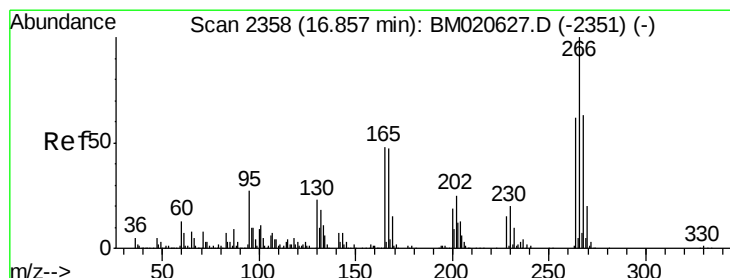
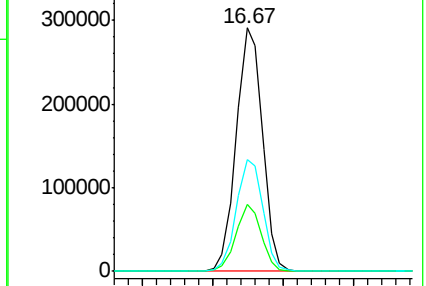
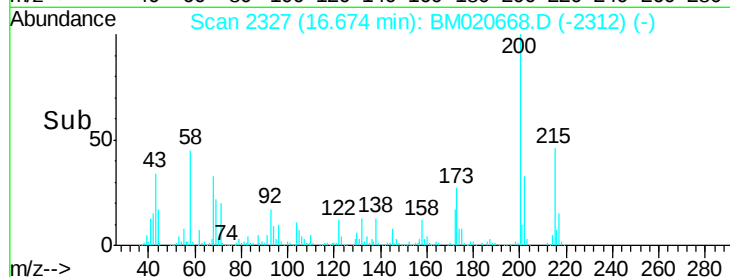
215 46.0 27.7 67.7



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: 97.315 ng

RT: 16.86 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

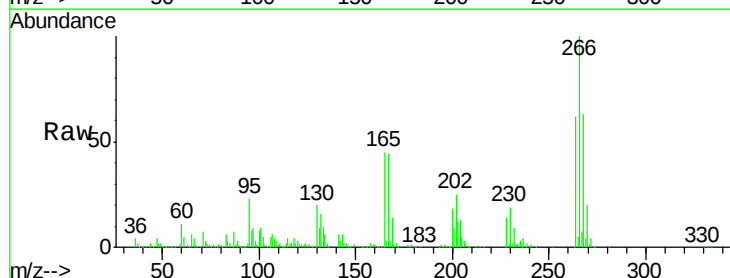
Tgt Ion:266 Resp: 530741

Ion Ratio Lower Upper

266 100

268 63.4 50.6 75.8

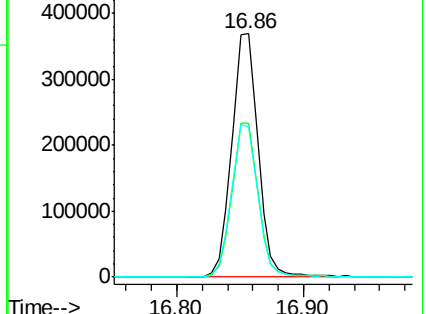
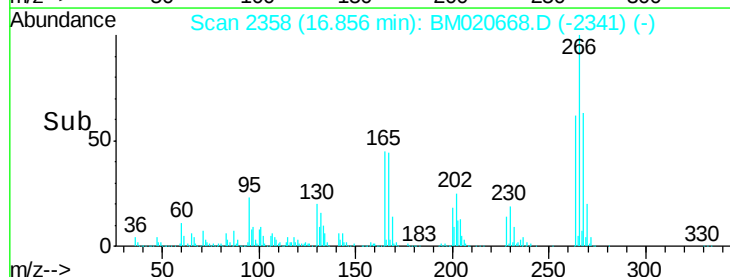
264 61.8 49.6 74.4

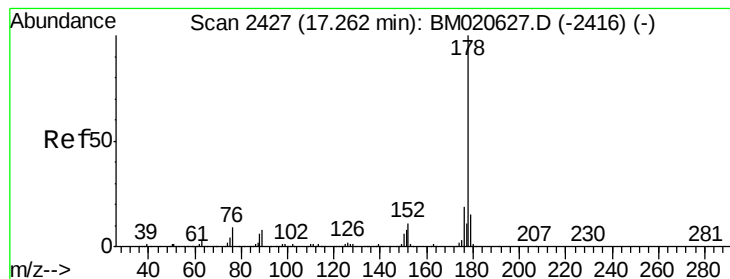


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.409 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

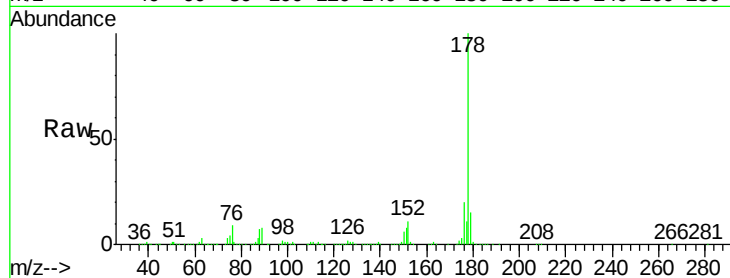
Tot Ion:178 Resp: 2045980

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

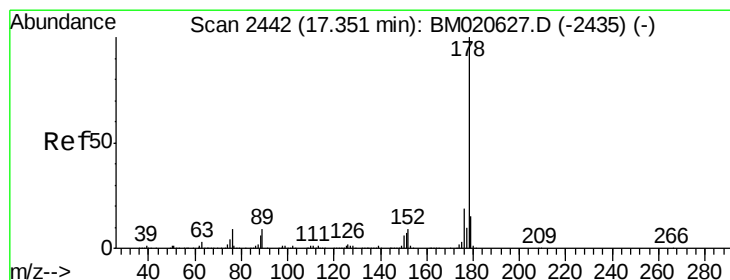
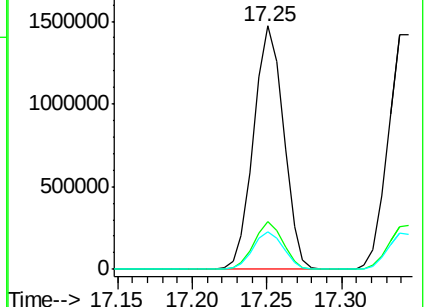
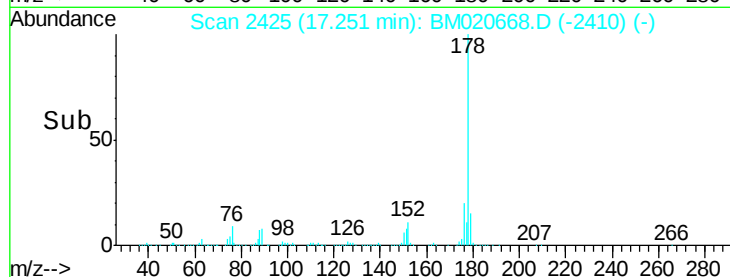
179 15.3 12.2 18.4



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: 44.248 ng

RT: 17.34 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

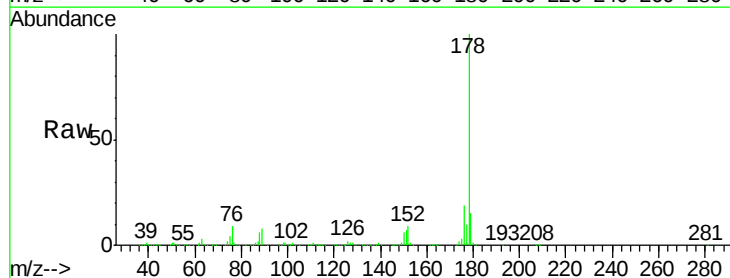
Tgt Ion:178 Resp: 2087357

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

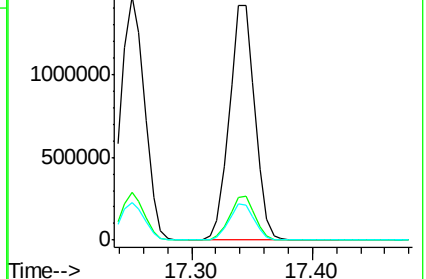
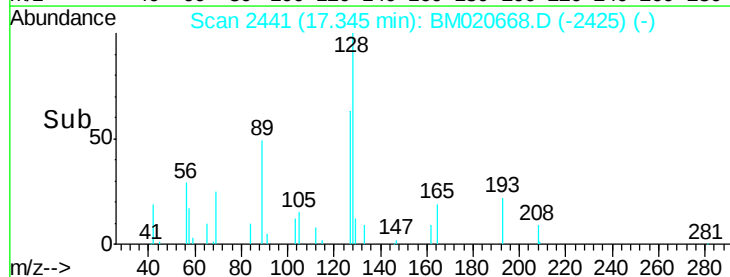
179 15.2 12.3 18.5

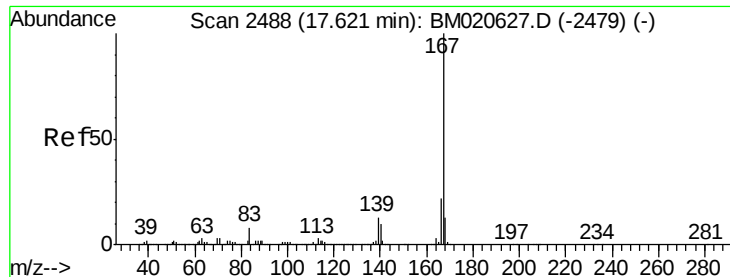


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.250 ng

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

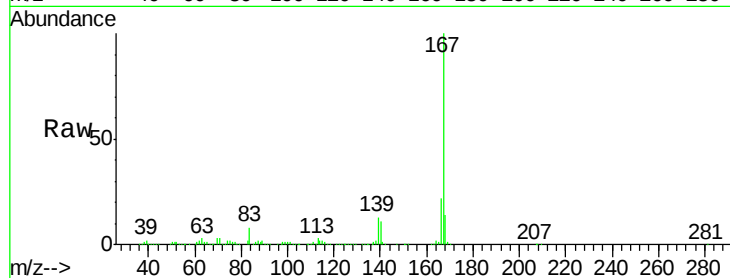
Tot Ion:167 Resp: 1851474

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

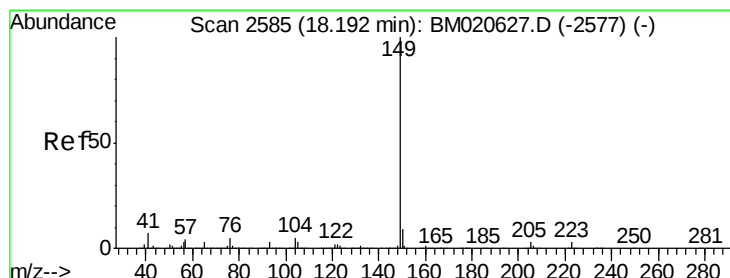
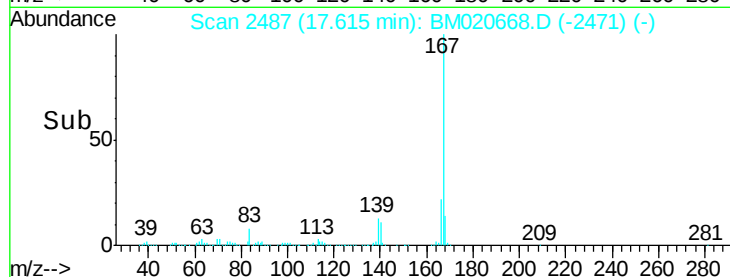
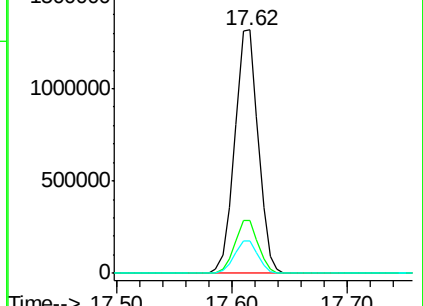
139 13.1 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.827 ng

RT: 18.18 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

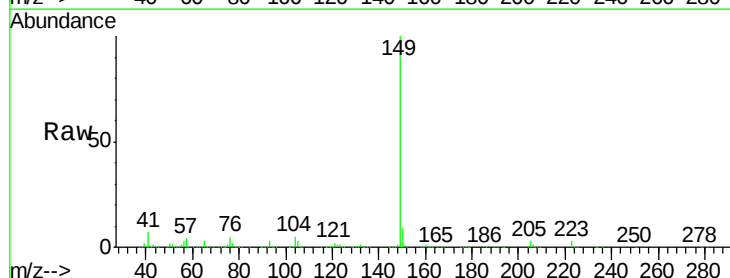
Tgt Ion:149 Resp: 2213230

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

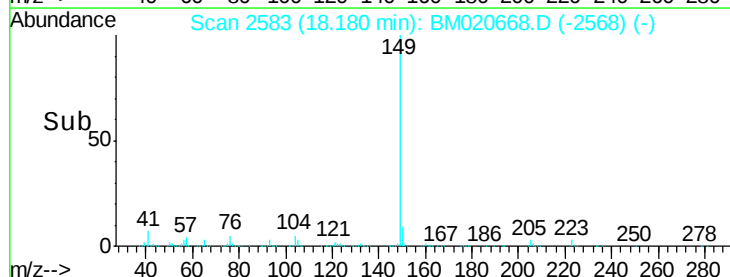
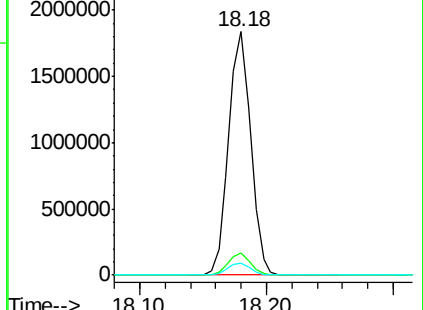
104 5.1 4.2 6.2

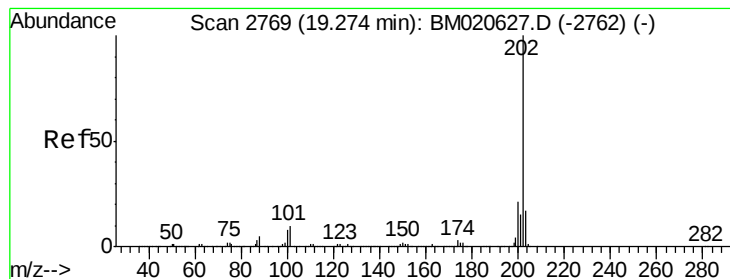


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.792 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

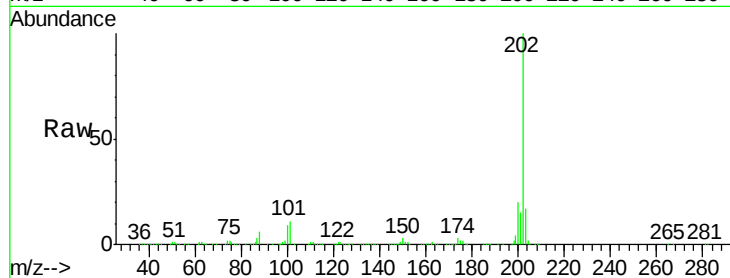
Tot Ion:202 Resp: 2190574

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.4

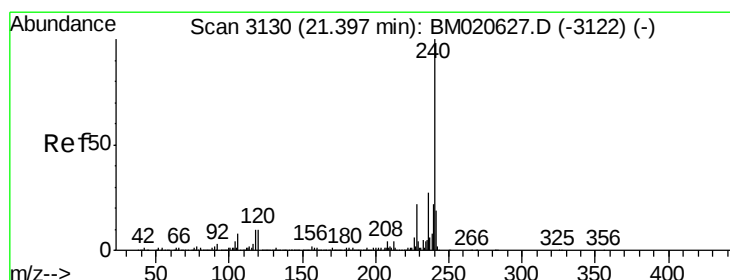
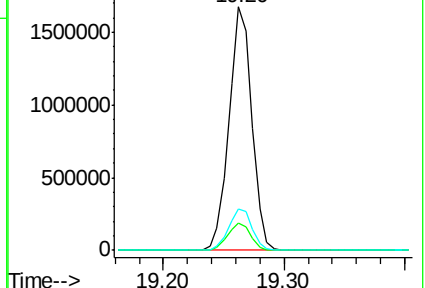
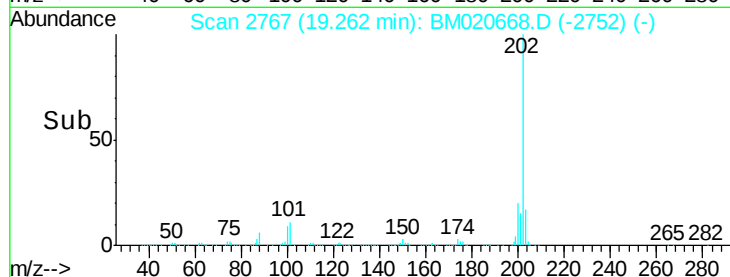
203 17.2 0.0 37.3



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: BM020668.D

Acq: 03 Jun 2019 13:28

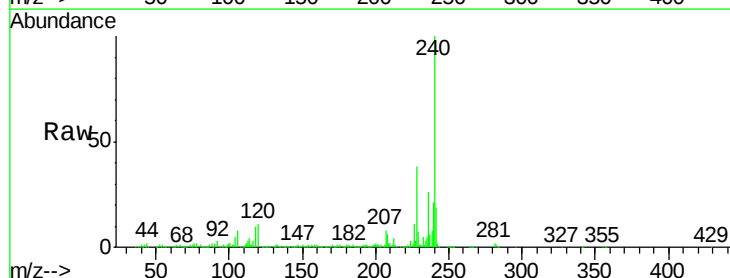
Tgt Ion:240 Resp: 751157

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

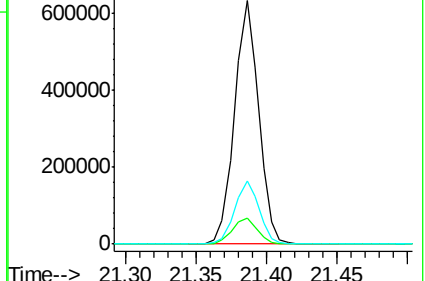
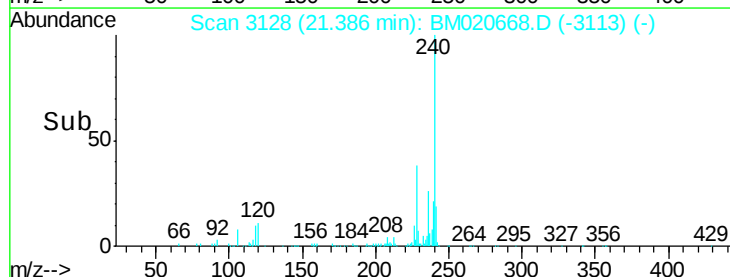
236 25.9 21.2 31.8

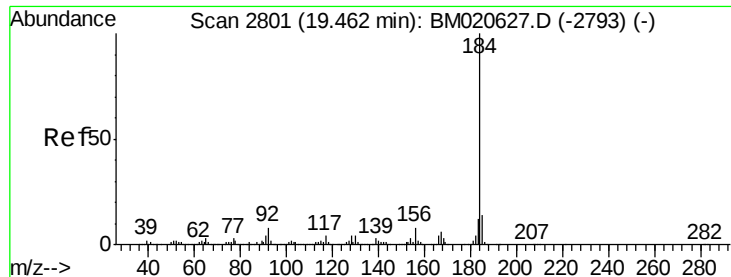


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.752 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

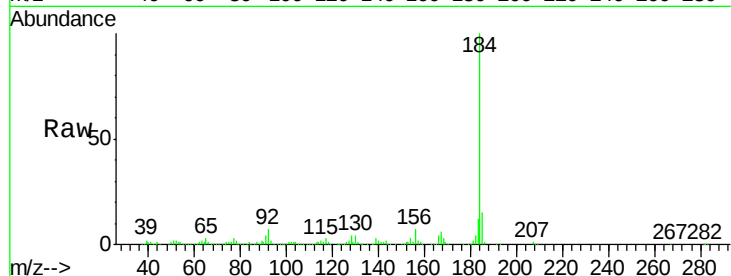
Tot Ion:184 Resp: 1064106

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

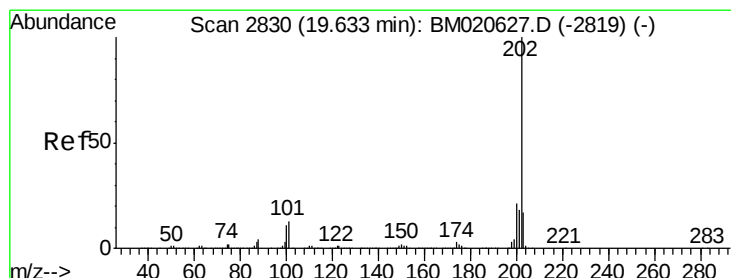
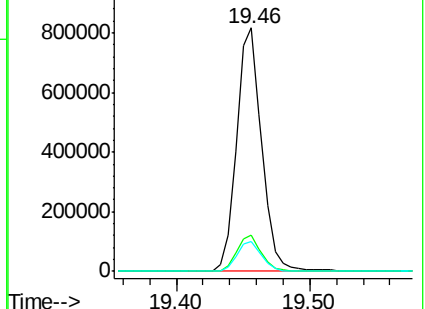
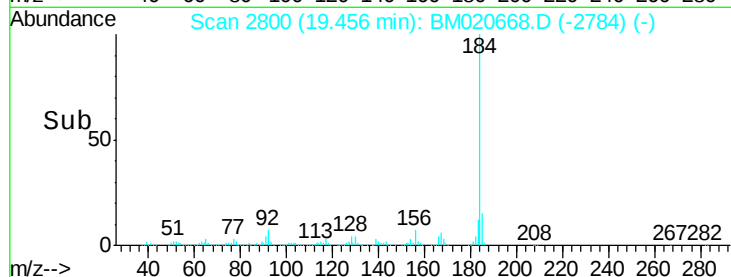
183 12.1 9.8 14.6



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: 39.401 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

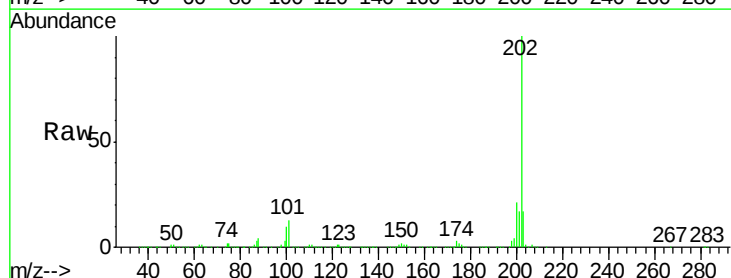
Tgt Ion:202 Resp: 2271164

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

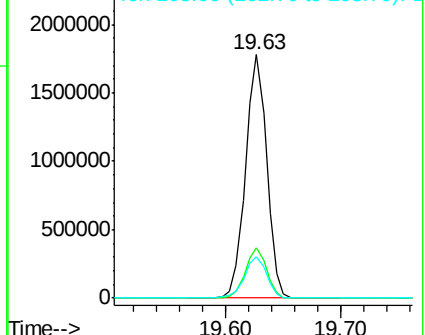
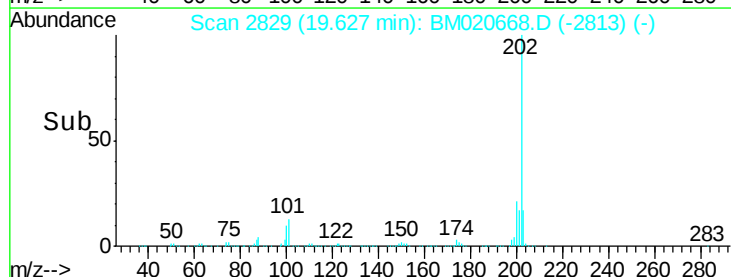
203 16.9 13.9 20.9



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: 58.517 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

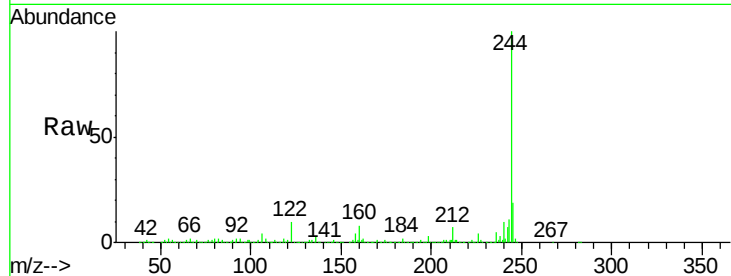
Tot Ion:244 Resp: 2627894

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

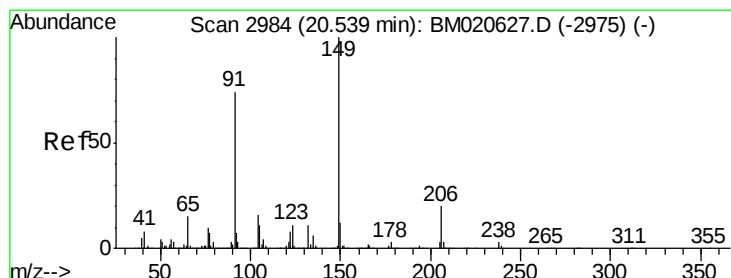
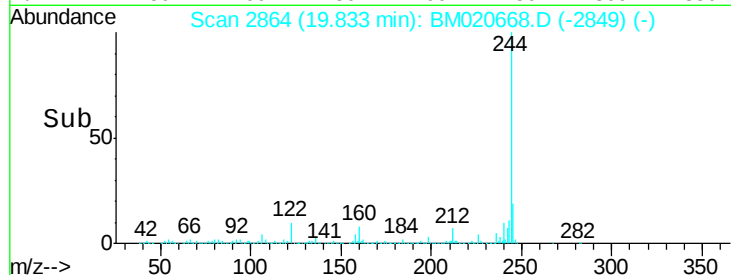
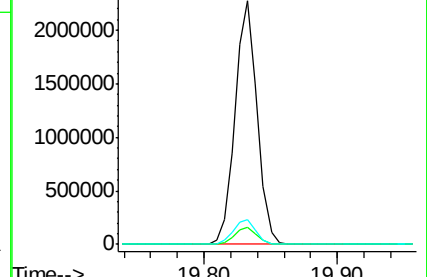
122 10.1 7.2 10.8



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: 37.207 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

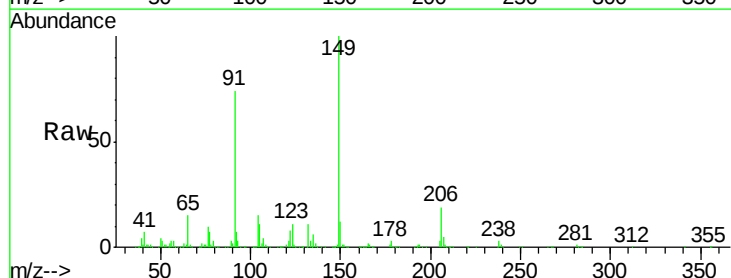
Tgt Ion:149 Resp: 906346

Ion Ratio Lower Upper

149 100

91 73.7 59.6 89.4

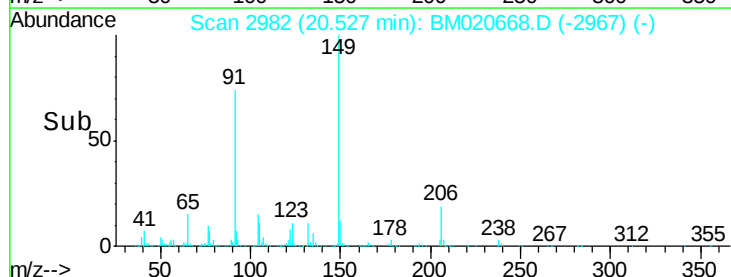
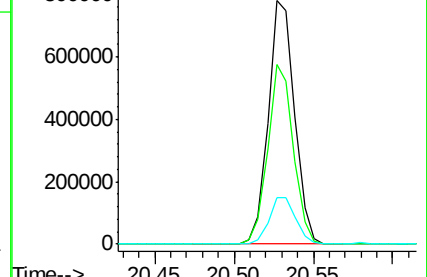
206 19.0 15.7 23.5

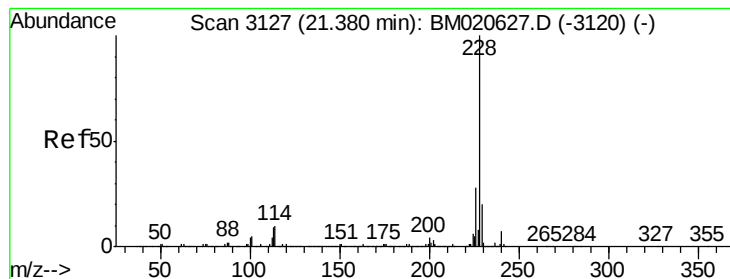


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.588 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

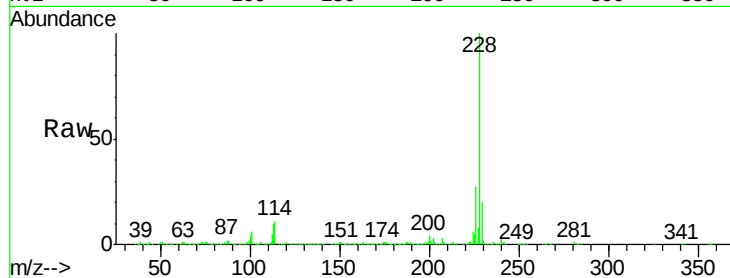
Tot Ion:228 Resp: 2175475

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.5	15.9	23.9

228 100

226 27.3 22.3 33.5

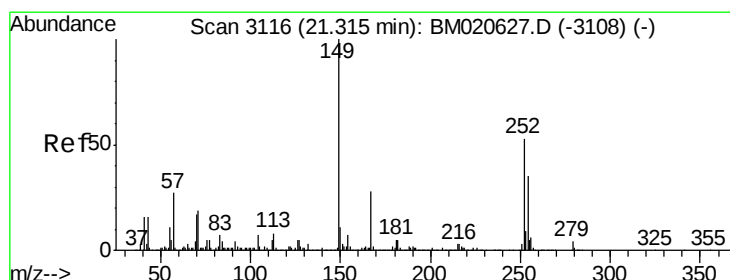
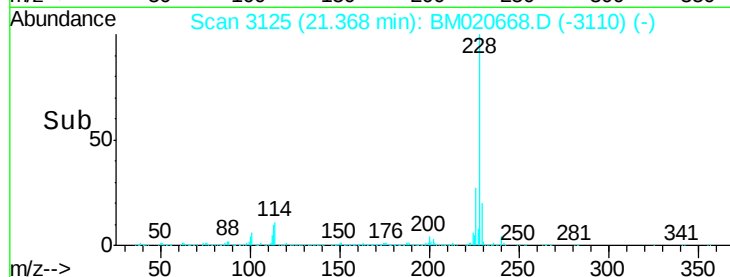
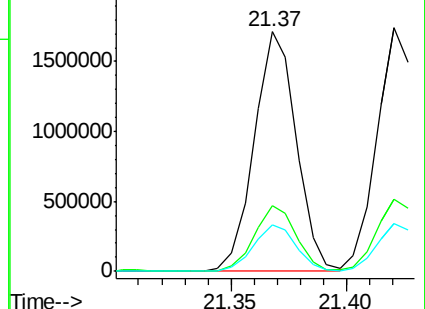
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.312 ng

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

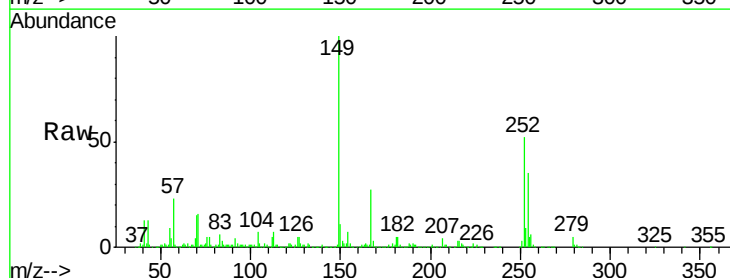
Tgt Ion:252 Resp: 638090

Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	78.8
126	10.1	8.0	12.0

252 100

254 66.4 52.6 78.8

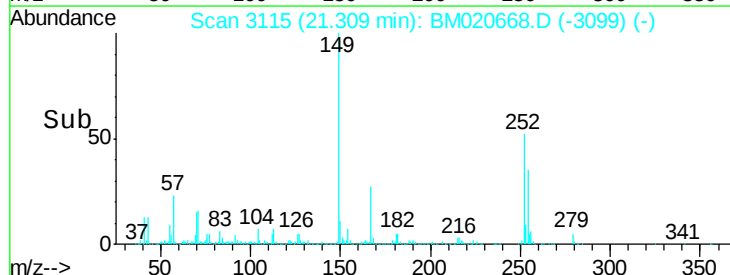
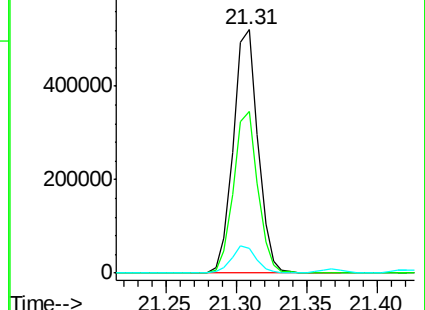
126 10.1 8.0 12.0

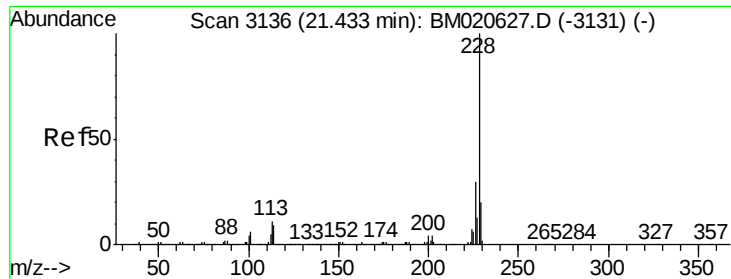


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

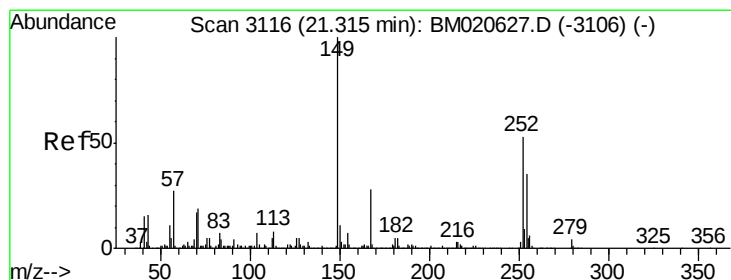
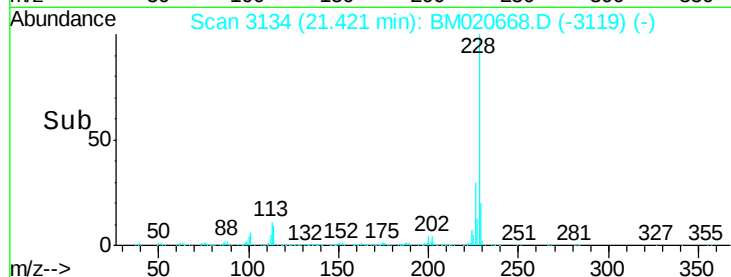
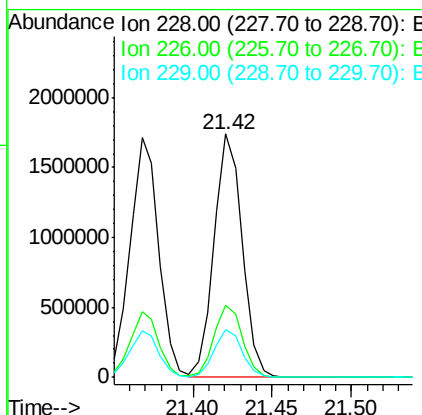
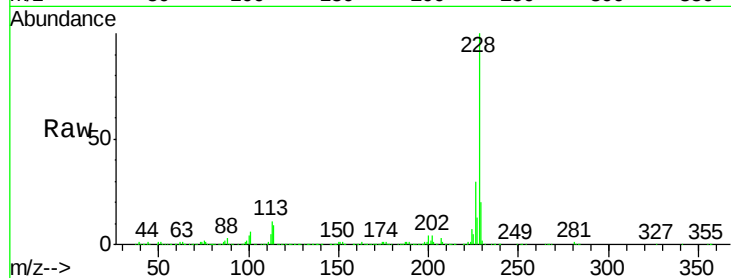




#83
 Chrvsene
 Concen: 43.027 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

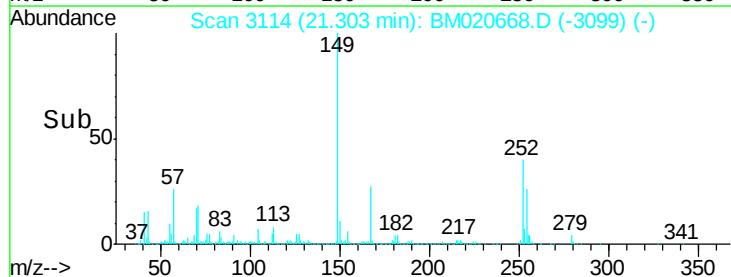
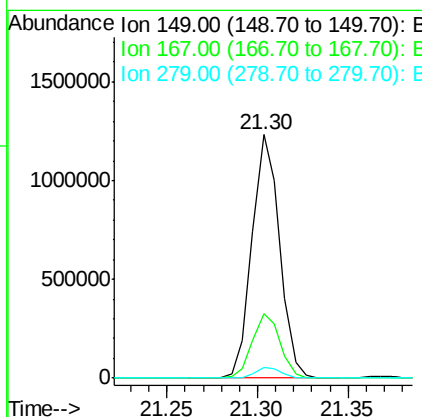
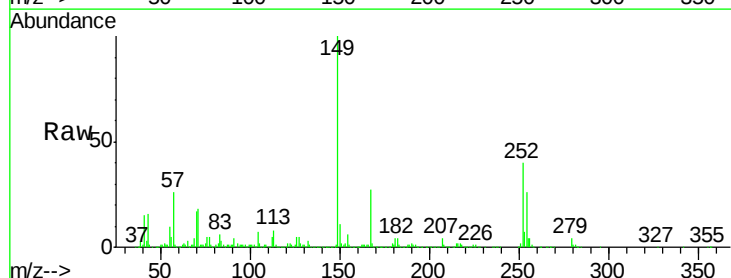
Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

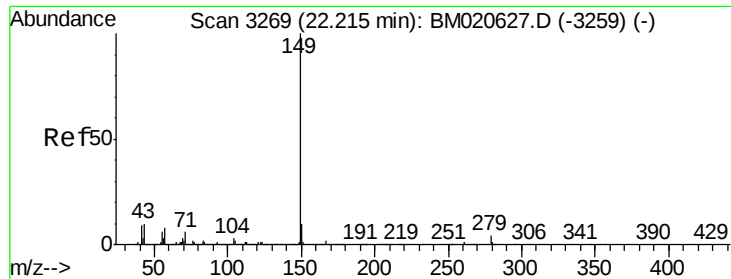
Tot Ion:228 Resp: 2139450
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.7 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.730 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020668.D
 Acq: 03 Jun 2019 13:28

Tgt Ion:149 Resp: 1300391
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.1 33.1
 279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.087 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

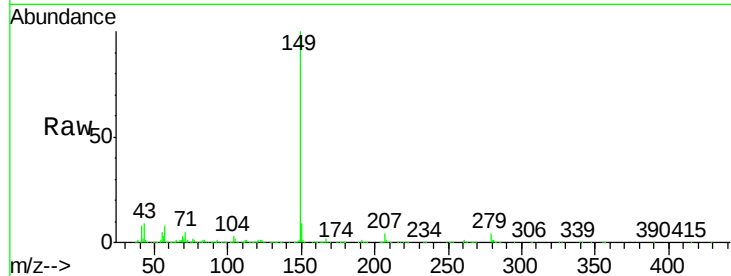
Tot Ion:149 Resp: 2253238

Ion Ratio Lower Upper

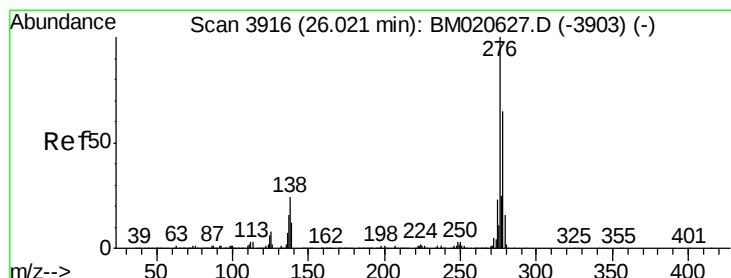
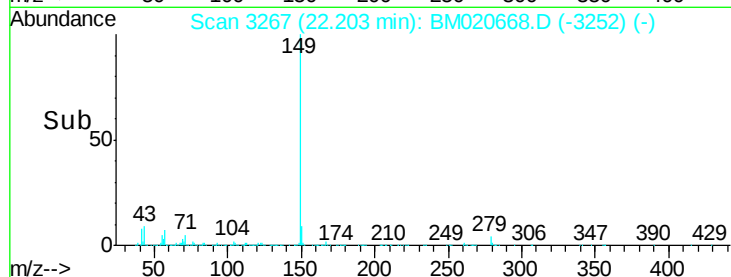
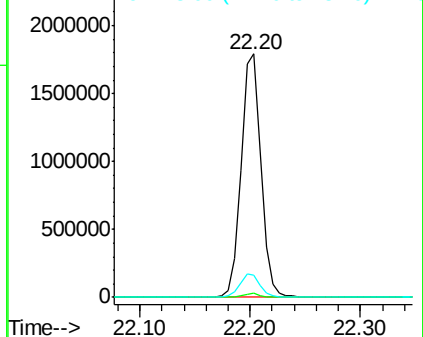
149 100

167 1.5 1.3 1.9

43 9.7 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: 62.753 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

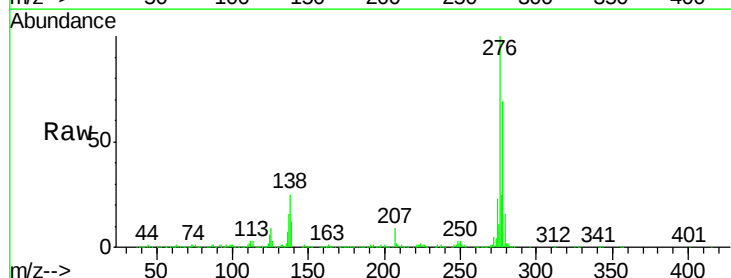
Tgt Ion:276 Resp: 3192212

Ion Ratio Lower Upper

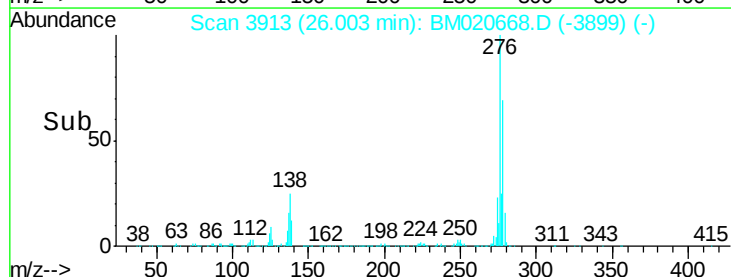
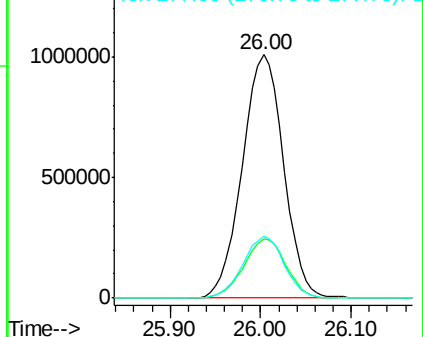
276 100

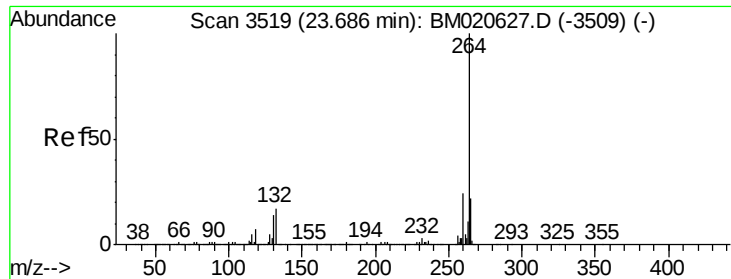
138 24.8 19.8 29.8

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: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

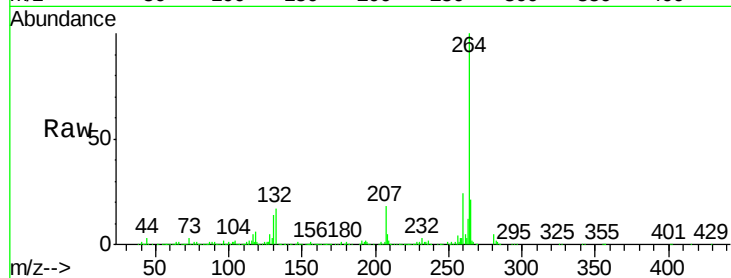
Tot Ion:264 Resp: 913961

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

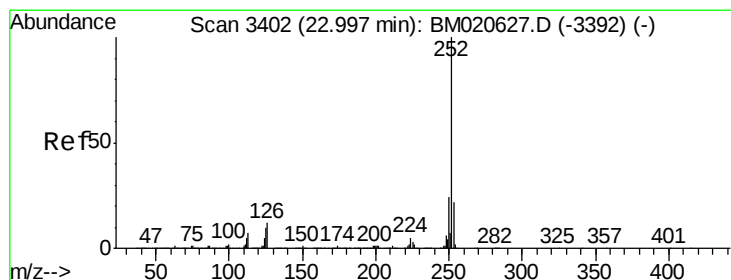
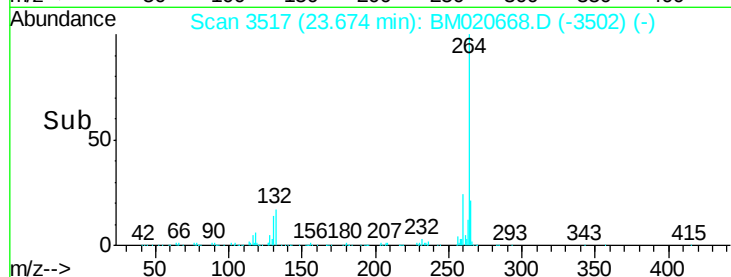
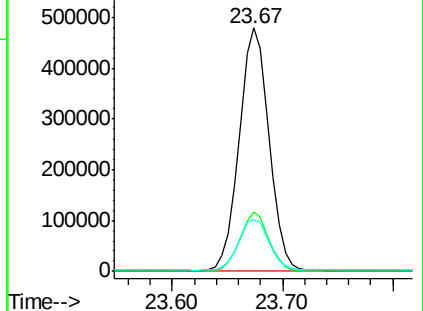
265 21.5 17.6 26.4



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: 41.286 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

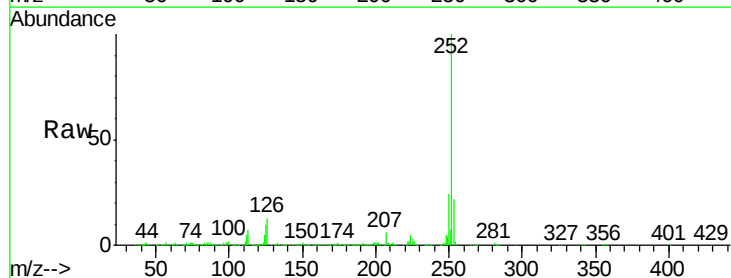
Tgt Ion:252 Resp: 2493989

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

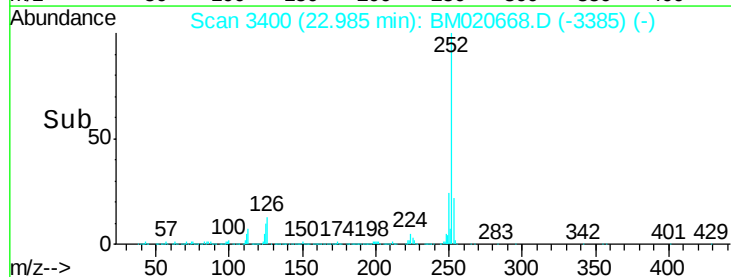
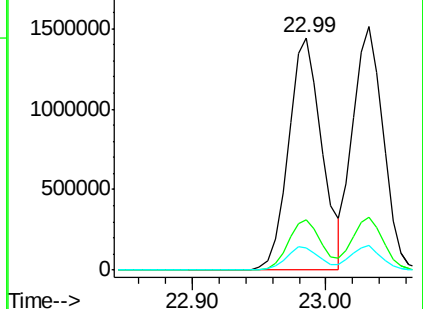
125 9.8 7.8 11.8

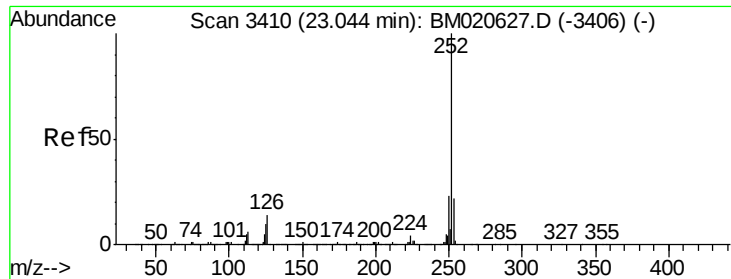


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.354 ng

RT: 23.03 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

Instrument :

BNA_M

ClientSampleId :

PB120182BS

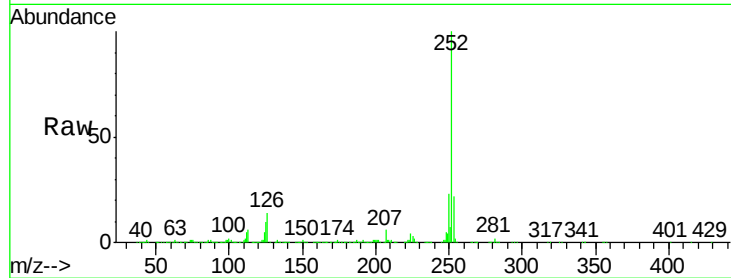
Tot Ion:252 Resp: 2382195

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

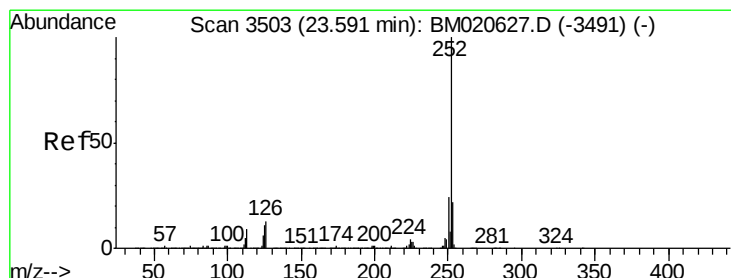
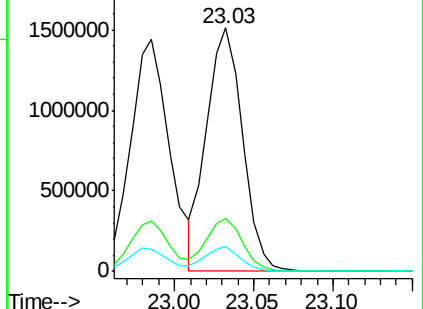
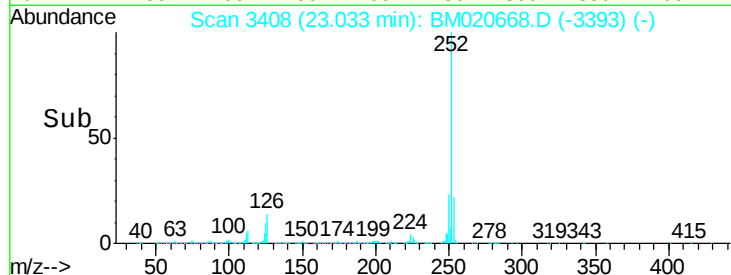
125 10.0 7.8 11.8



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



#90

Benzo(a)pyrene

Concen: 44.774 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020668.D

Acq: 03 Jun 2019 13:28

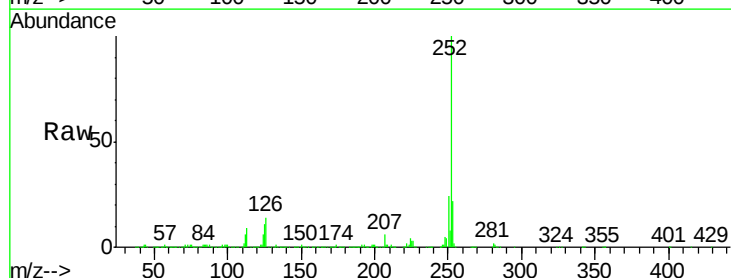
Tgt Ion:252 Resp: 2453252

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

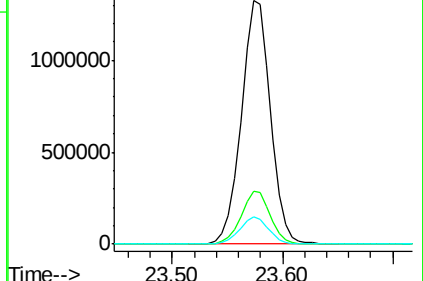
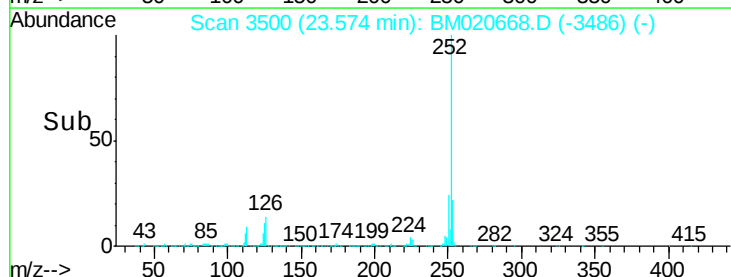
125 11.4 8.6 13.0

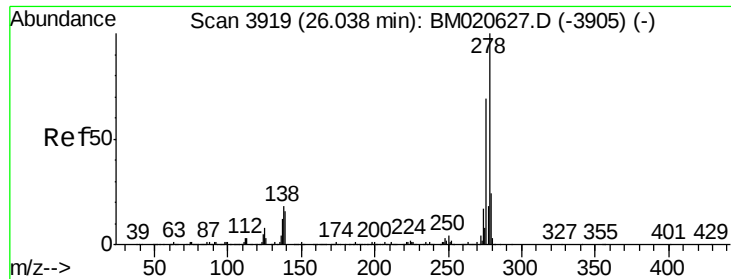


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

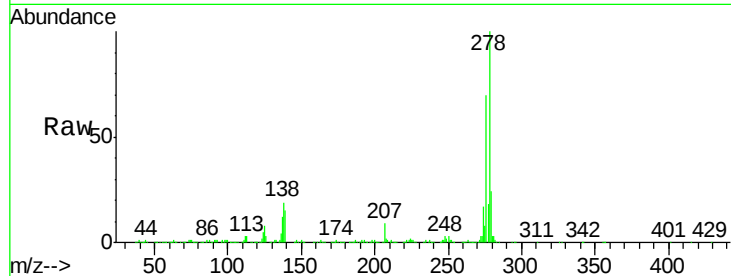




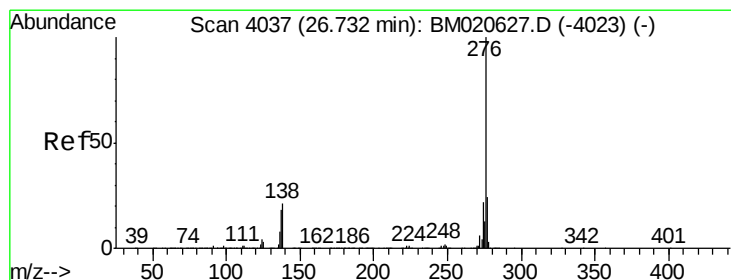
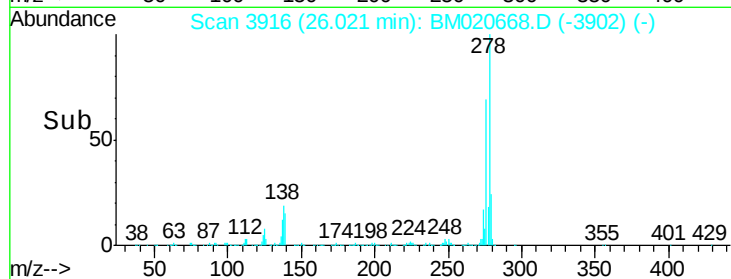
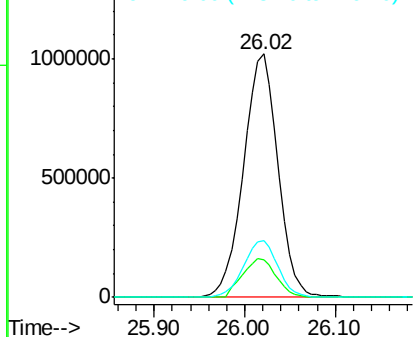
#91
Dibenzo(a,h)anthracene
Concen: 50.557 ng
RT: 26.02 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:278 Resp: 2687490
Ion Ratio Lower Upper
278 100
139 15.3 12.6 18.8
279 23.5 19.0 28.6

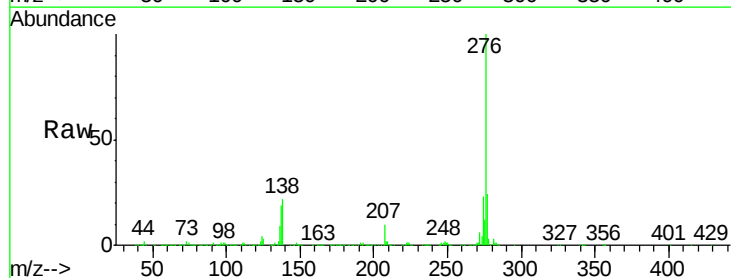


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.185 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020668.D
Acq: 03 Jun 2019 13:28

Tgt Ion:276 Resp: 2626047
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 22.0 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

