

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020699.D
 Acq On : 04 Jun 2019 10:42
 Operator : HP/JU
 Sample : K3139-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Quant Time: Jun 04 12:09:32 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	344281	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1451552	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	861019	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1926430	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1446411	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1458551	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2931195	149.77	ng	0.00
7) Phenol-d6	7.00	99	4244313	147.28	ng	0.00
23) Nitrobenzene-d5	8.99	82	2603609	92.93	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1852947	173.69	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	6122960	94.54	ng	0.00
79) Terphenyl-d14	19.83	244	8590523	99.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	273580	34.142	ng	99
3) Pyridine	3.74	79	841996	33.026	ng	97
4) n-Nitrosodimethylamine	3.66	42	426918	38.845	ng	96
6) Aniline	7.16	93	1215499	29.149	ng	98
8) 2-Chlorophenol	7.39	128	1148393	47.165	ng	99
9) Benzaldehyde	6.97	77	381215	19.270	ng	99
10) Phenol	7.02	94	1471043	47.366	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	1036052	41.860	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1127862	40.305	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1154409	40.580	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1123359	40.577	ng	99
15) Benzyl Alcohol	8.07	79	1089752	42.744	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1434342	37.536	ng	98
17) 2-Methylphenol	8.26	107	989144	45.293	ng	98
18) Hexachloroethane	8.90	117	424403	38.966	ng	97
19) n-Nitroso-di-n-propylamine	8.64	70	915185	39.506	ng	96
20) 3+4-Methylphenols	8.59	107	1355254	45.612	ng	97
22) Acetophenone	8.65	105	1666078	45.182	ng	# 97
24) Nitrobenzene	9.03	77	1310129	45.808	ng	98
25) Isophorone	9.55	82	2474997	44.412	ng	100
26) 2-Nitrophenol	9.73	139	600390	56.326	ng	99
27) 2,4-Dimethylphenol	9.79	122	1065162	53.328	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1492420	44.291	ng	100
29) 2,4-Dichlorophenol	10.26	162	1137633	51.480	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	1157544	45.555	ng	97
31) Naphthalene	10.67	128	3462034	46.381	ng	99
32) Benzoic acid	9.89	122	219843	20.751	ng	99
33) 4-Chloroaniline	10.78	127	640891	18.449	ng	97
34) Hexachlorobutadiene	10.95	225	665674	43.661	ng	99
35) Caprolactam	11.59	113	208097	27.106	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	1270785	49.460	ng	99
37) 2-Methylnaphthalene	12.28	142	2621188	47.376	ng	99
38) 1-Methylnaphthalene	12.50	142	2496038	47.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1357425	48.108	ng	100

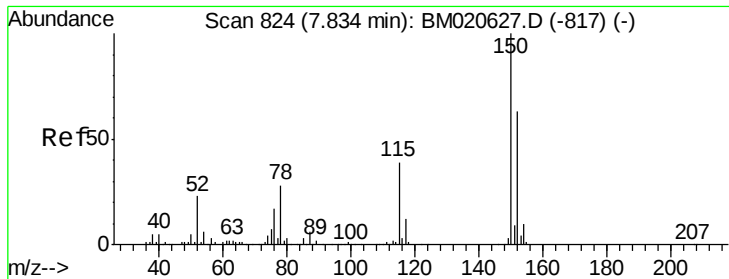
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1364602	80.863	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	928003	51.095	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	999245	53.291	ng	97
46) 1,1'-Biphenyl	13.30	154	3386415	47.093	ng	99
47) 2-Chloronaphthalene	13.34	162	2638336	45.459	ng	99
48) 2-Nitroaniline	13.55	65	833495	45.757	ng	95
49) Acenaphthylene	14.19	152	4244673	46.873	ng	100
50) Dimethylphthalate	13.93	163	3826774	52.022	ng	99
51) 2,6-Dinitrotoluene	14.05	165	733991	49.140	ng	95
52) Acenaphthene	14.53	154	2485633	46.060	ng	99
53) 3-Nitroaniline	14.37	138	494275	29.647	ng	95
54) 2,4-Dinitrophenol	14.58	184	374012	60.182	ng	91
55) Dibenzofuran	14.86	168	3963036	47.283	ng	98
56) 4-Nitrophenol	14.69	139	1253167	102.003	ng	92
57) 2,4-Dinitrotoluene	14.83	165	1027860	51.394	ng	94
58) Fluorene	15.51	166	3241486	47.028	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	894947	54.774	ng	97
60) Diethylphthalate	15.29	149	3469326	45.729	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1708933	46.827	ng	95
62) 4-Nitroaniline	15.54	138	776716	43.928	ng	95
63) Azobenzene	15.80	77	3243415	44.592	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	377940	44.013	ng	96
66) n-Nitrosodiphenylamine	15.73	169	2883002	46.749	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	1042444	45.960	ng	93
68) Hexachlorobenzene	16.50	284	1190326	44.942	ng	98
69) Atrazine	16.68	200	995225	54.072	ng	99
70) Pentachlorophenol	16.85	266	1365626	108.080	ng	99
71) Phenanthrene	17.25	178	4989890	45.696	ng	100
72) Anthracene	17.34	178	5117193	46.821	ng	100
73) Carbazole	17.61	167	4506259	45.436	ng	100
74) Di-n-butylphthalate	18.17	149	5957372	46.272	ng	99
75) Fluoranthene	19.26	202	5424161	44.667	ng	99
77) Benzidine	19.45	184	2486248	56.728	ng	100
78) Pyrene	19.63	202	5363350	48.320	ng	100
80) Butylbenzylphthalate	20.53	149	2439383	52.005	ng	96
81) Benzo(a)anthracene	21.37	228	4503291	44.708	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	1156944	31.366	ng	99
83) Chrysene	21.42	228	4364102	45.580	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	3510796	51.498	ng	100
85) Di-n-octyl phthalate	22.20	149	5500259	50.818	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5044513	51.499	ng	99
88) Benzo(b)fluoranthene	22.99	252	4498822	46.667	ng	99
89) Benzo(k)fluoranthene	23.03	252	4255473	45.171	ng	99
90) Benzo(a)pyrene	23.57	252	4190758	47.927	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	4257445	50.186	ng	99
92) Benzo(g,h,i)perylene	26.71	276	4083609	51.825	ng	98

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

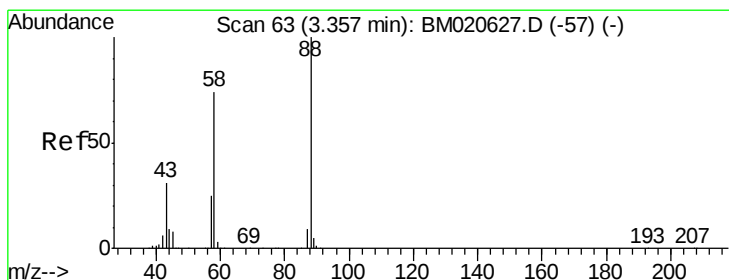
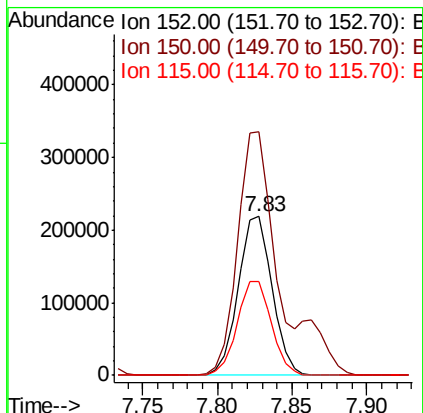
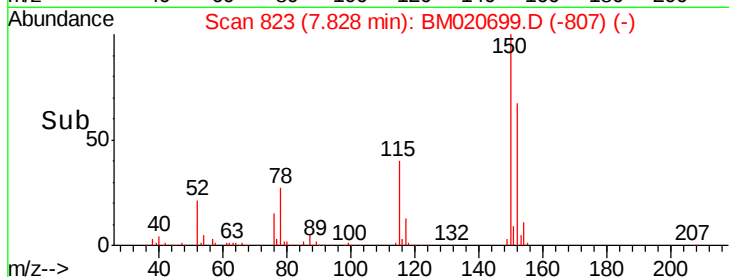
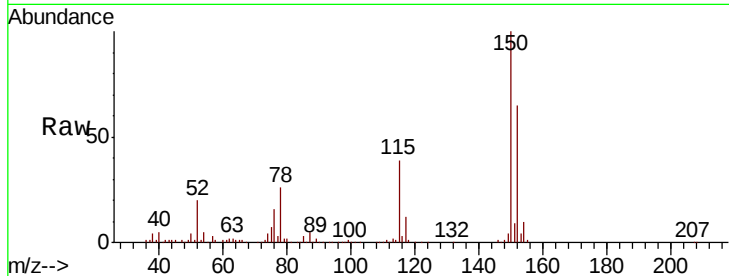


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

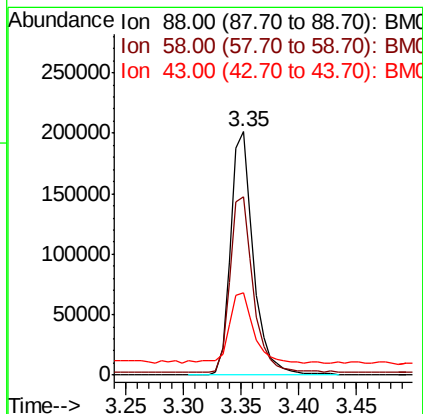
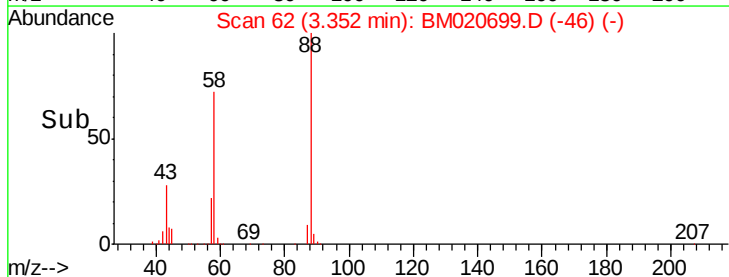
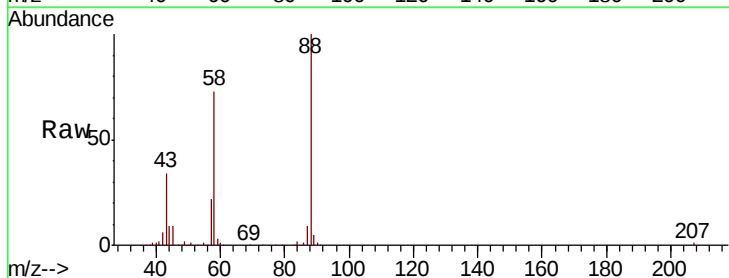
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.0	189.0
115	59.3	49.6	74.4

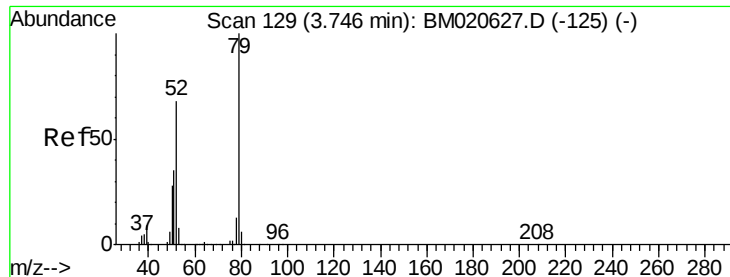


#2

1,4-Dioxane
Concen: 34.142 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	60.2	90.4
43	31.2	25.3	37.9





#3

Pvridine

Concen: 33.026 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

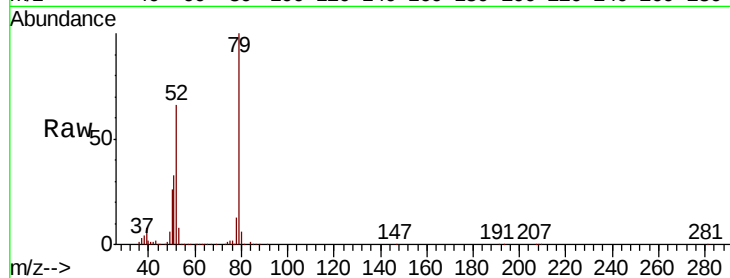
Tot Ion: 79 Resp: 841996

Ion Ratio Lower Upper

79 100

52 65.7 54.1 81.1

51 32.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)

3.74

600000

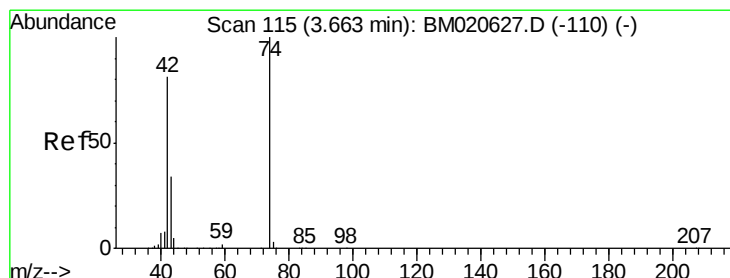
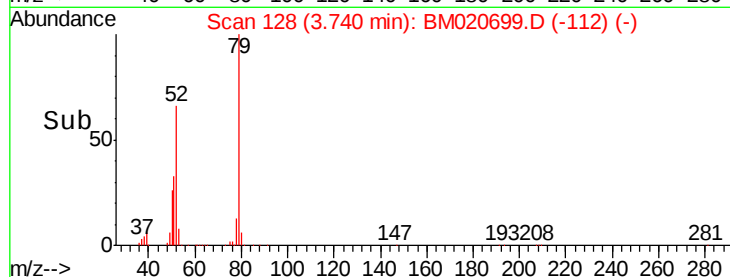
400000

200000

0

3.70 3.80 3.90

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.845 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

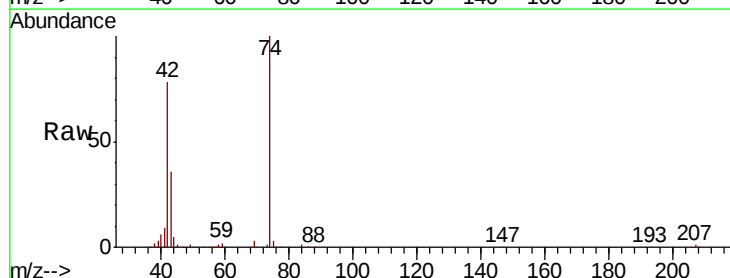
Tgt Ion: 42 Resp: 426918

Ion Ratio Lower Upper

42 100

74 128.9 99.4 149.0

44 6.5 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)

3.66

500000

400000

300000

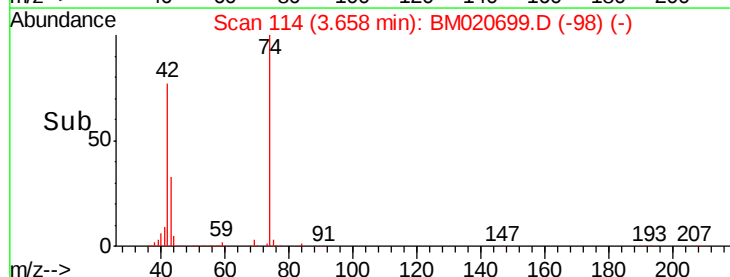
200000

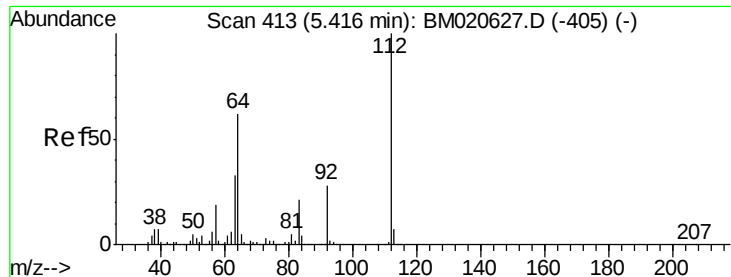
100000

0

3.60 3.70 3.80

Time-->





#5

2-Fluorophenol

Concen: 149.766 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

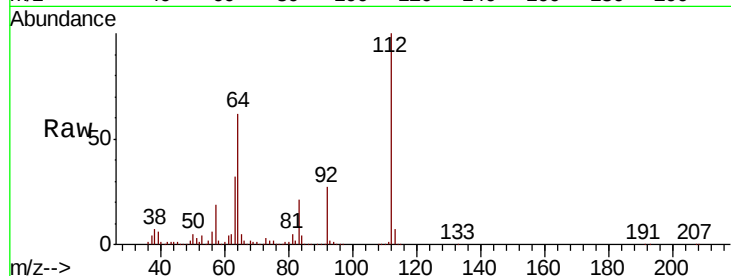
Tot Ion:112 Resp: 2931195

Ion Ratio Lower Upper

112 100

64 62.1 49.7 74.5

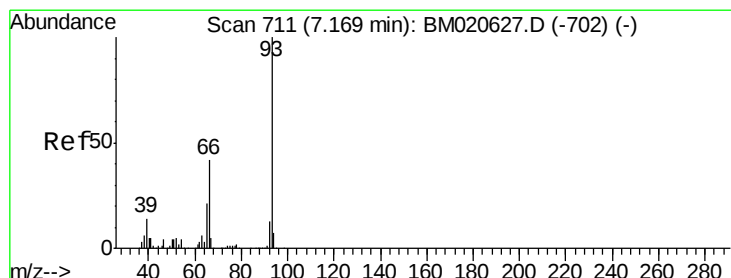
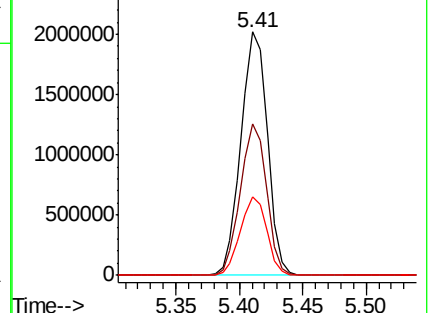
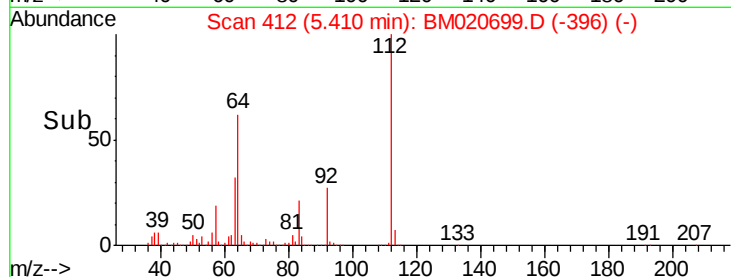
63 32.3 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 29.149 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

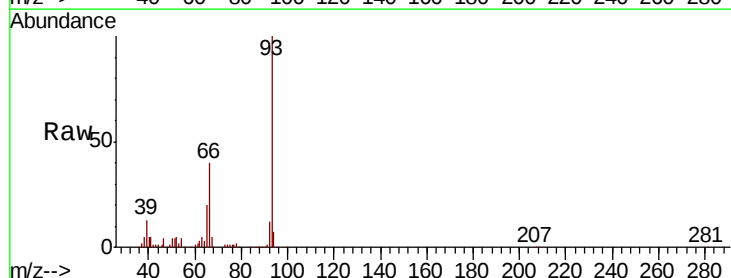
Tgt Ion: 93 Resp: 1215499

Ion Ratio Lower Upper

93 100

66 40.3 33.6 50.4

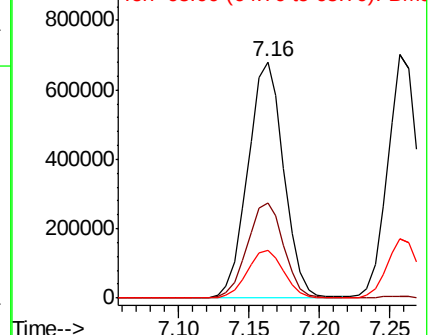
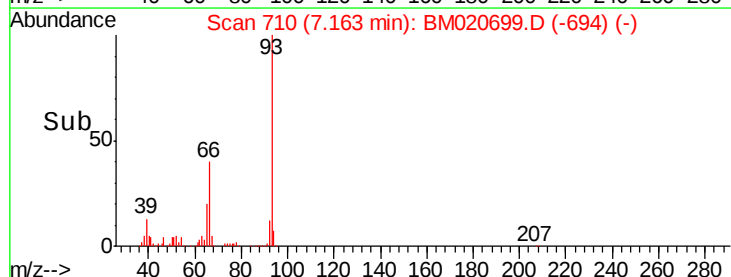
65 20.1 16.7 25.1

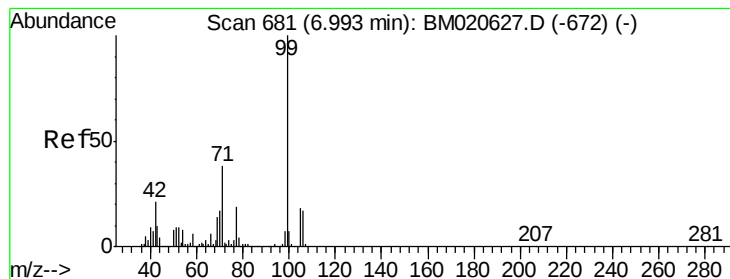


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 147.276 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

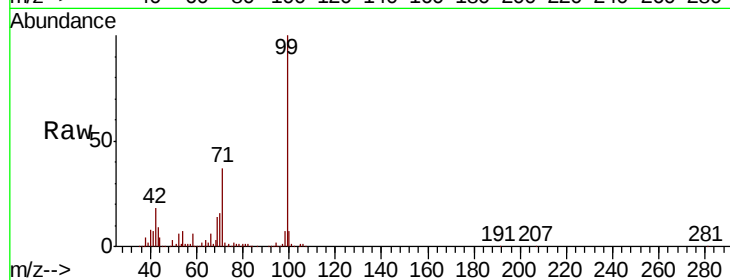
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion: 99 Resp: 4244313

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.5	24.7
71	37.1	30.7	46.1

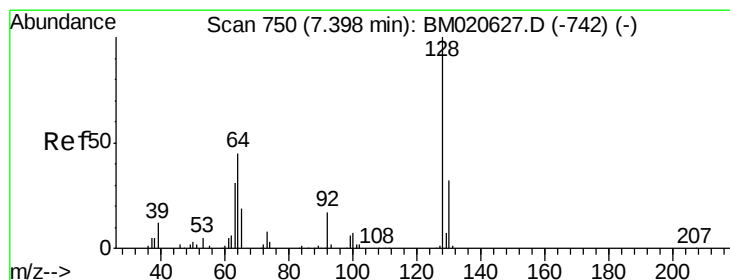
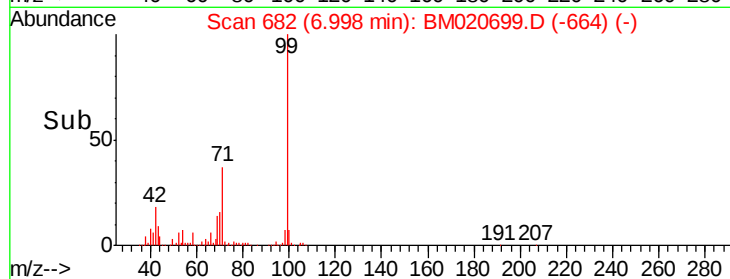
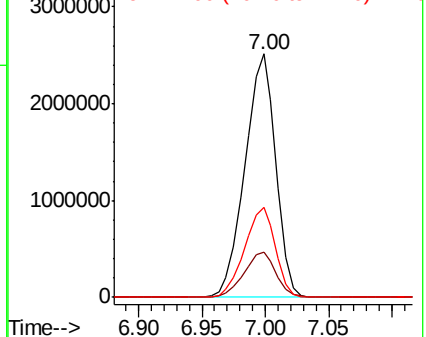


Abundance

Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#8

2-Chlorophenol

Concen: 47.165 ng

RT: 7.39 min Scan# 749

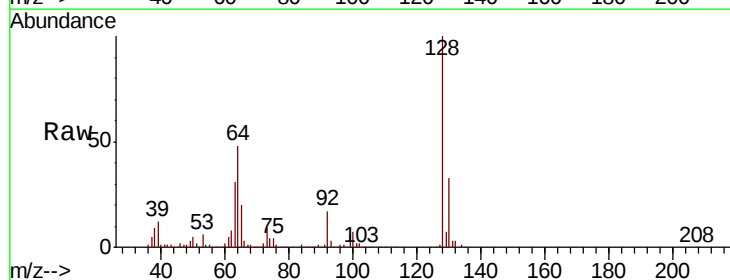
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion: 128 Resp: 1148393

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	48.2	29.1	69.1

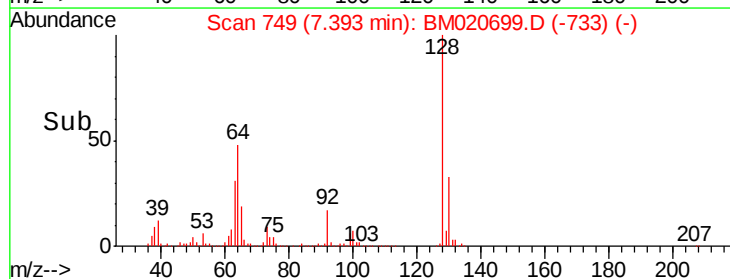
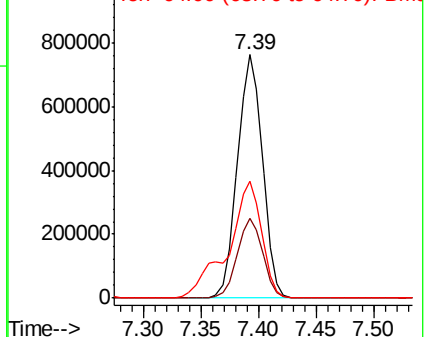


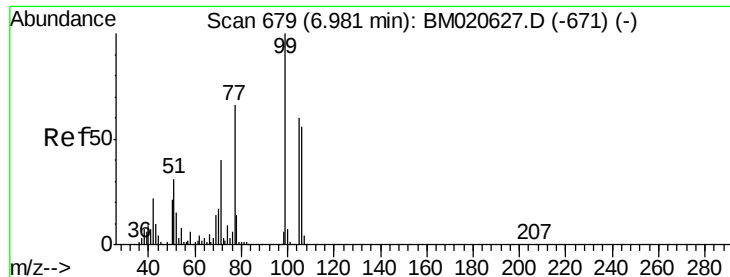
Abundance

Ion 128.00 (127.70 to 128.70): BM020627.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM020627.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM020627.D (-742) (-)





#9

Benzaldehyde

Concen: 19.270 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

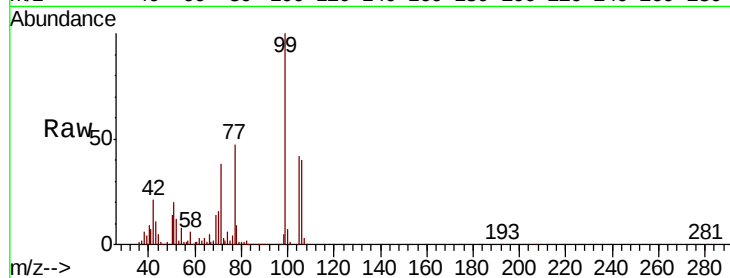
Tot Ion: 77 Resp: 381215

Ion Ratio Lower Upper

77 100

105 90.2 70.6 110.6

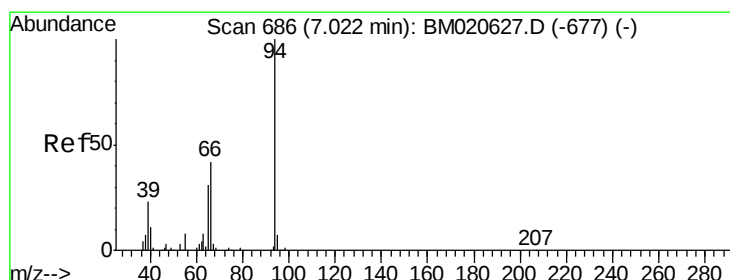
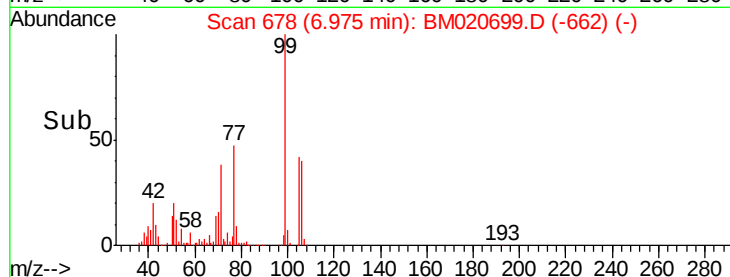
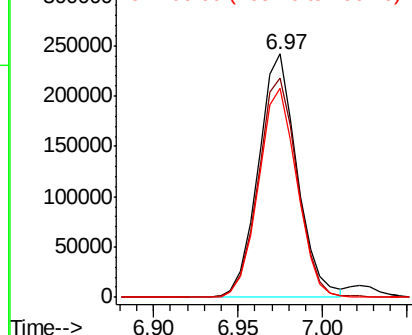
106 85.8 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020699.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020699.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020699.D (-662) (-)



#10

Phenol

Concen: 47.366 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

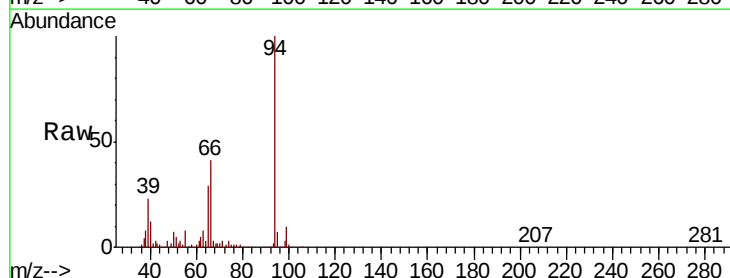
Tgt Ion: 94 Resp: 1471043

Ion Ratio Lower Upper

94 100

65 29.3 10.7 50.7

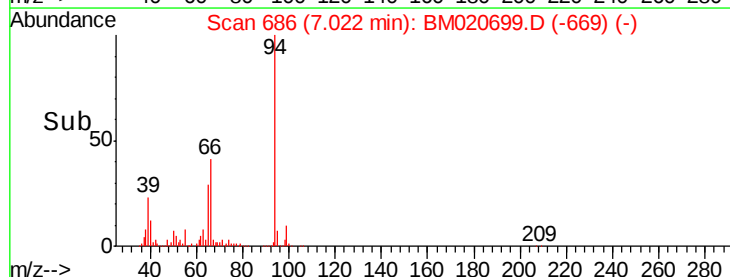
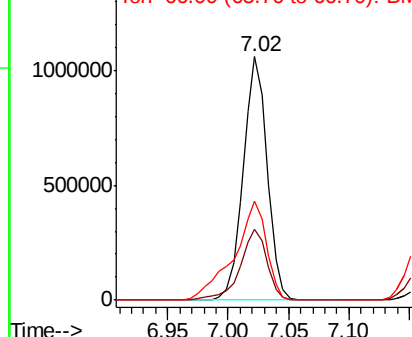
66 40.8 22.3 62.3

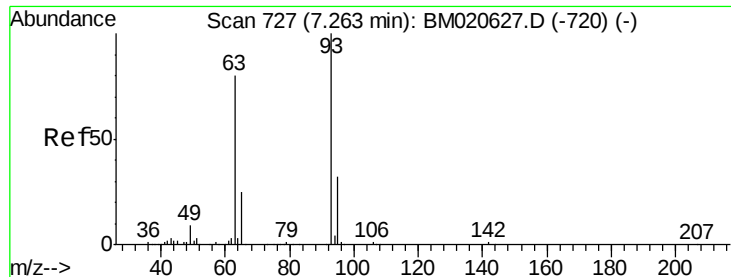


Abundance Ion 94.00 (93.70 to 94.70): BM020699.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020699.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020699.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 41.860 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

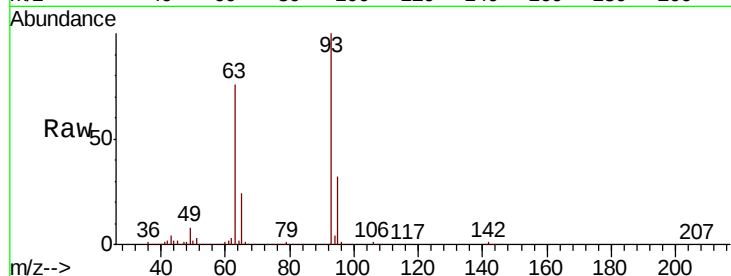
Tot Ion: 93 Resp: 1036052

Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.0	100.0
95	32.2	12.2	52.2

93 100

63 76.3 60.0 100.0

95 32.2 12.2 52.2

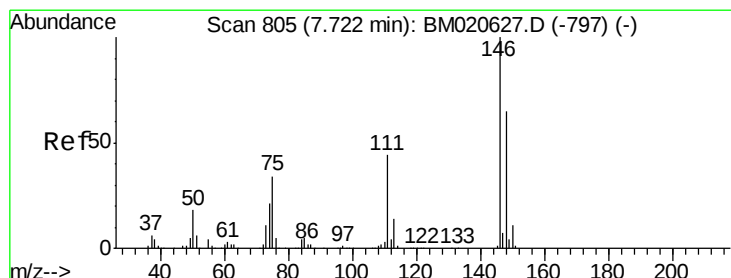
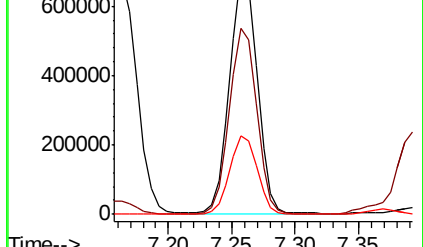
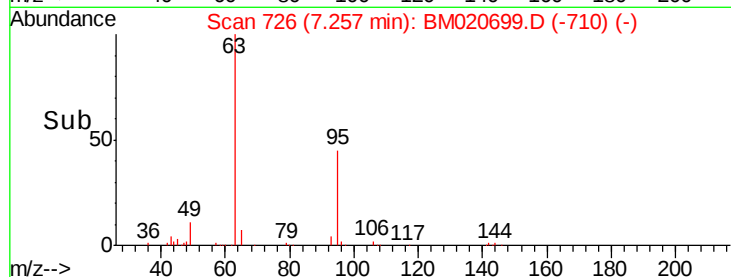


Abundance Ion 93.00 (92.70 to 93.70): BM020627.D (-720) (-)

Ion 63.00 (62.70 to 63.70): BM020627.D (-720) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-720) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 40.305 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

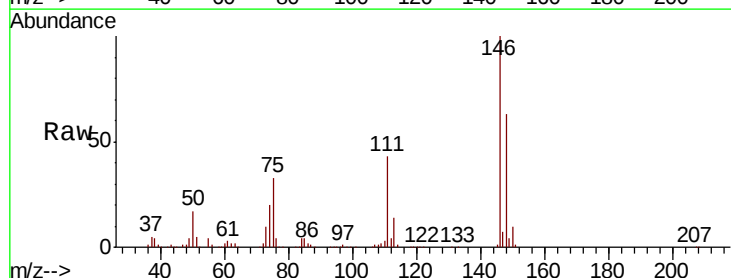
Tgt Ion: 146 Resp: 1127862

Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
75	32.5	27.0	40.4

146 100

148 63.4 52.0 78.0

75 32.5 27.0 40.4

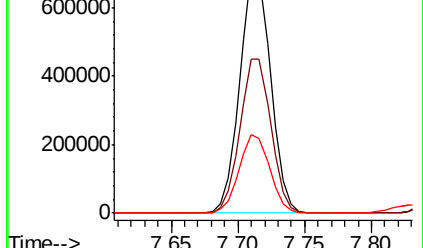
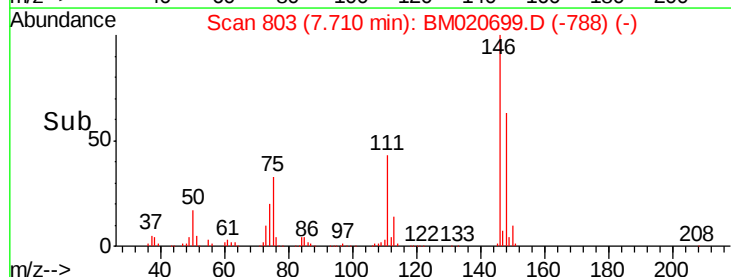


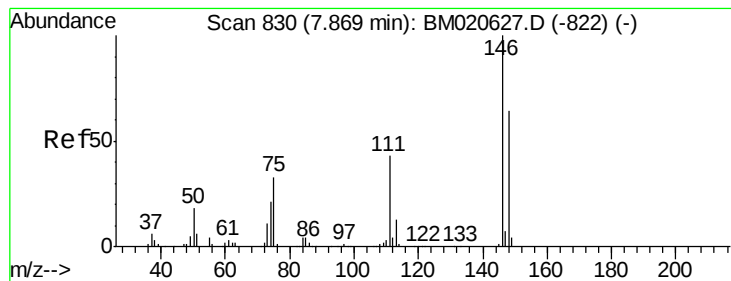
Abundance Ion 146.00 (145.70 to 146.70): BM020627.D (-797) (-)

Ion 148.00 (147.70 to 148.70): BM020627.D (-797) (-)

Ion 75.00 (74.70 to 75.70): BM020627.D (-797) (-)

Time-->





#13

1,4-Dichlorobenzene

Concen: 40.580 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

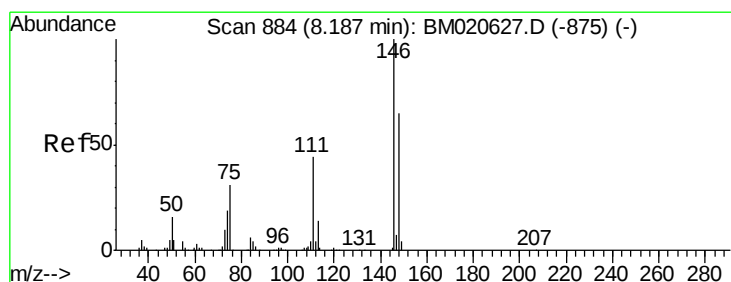
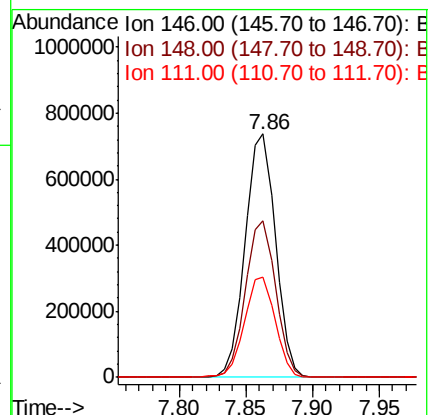
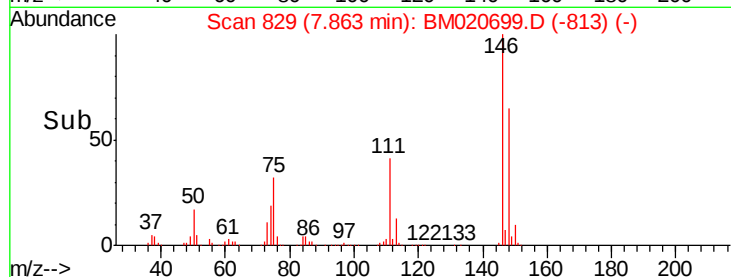
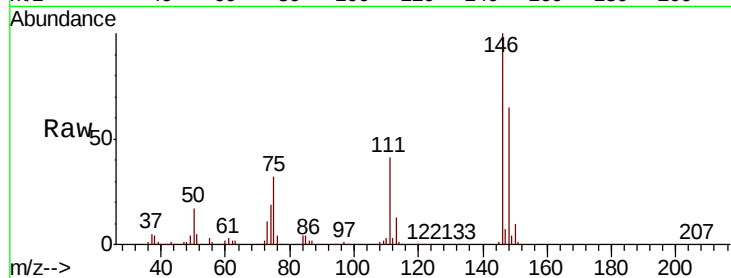
Tot Ion:146 Resp: 1154409

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 41.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 40.577 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

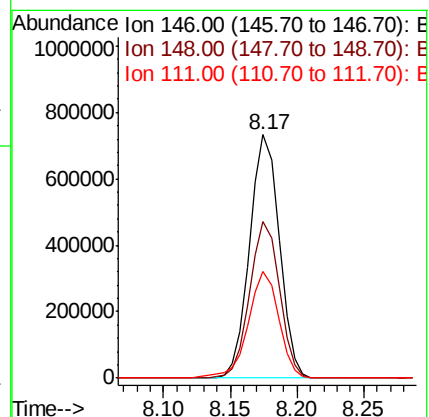
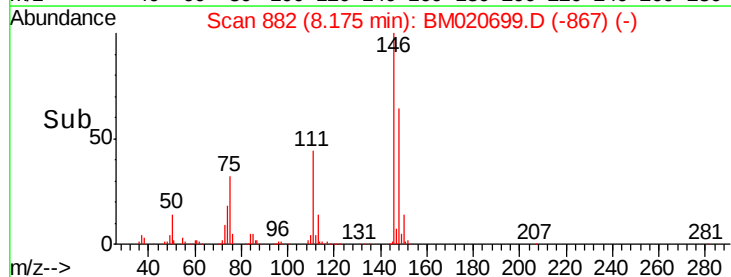
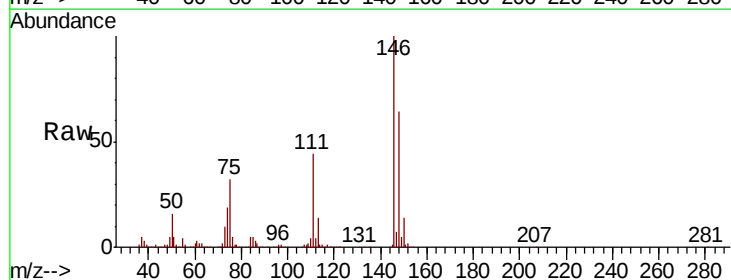
Tgt Ion:146 Resp: 1123359

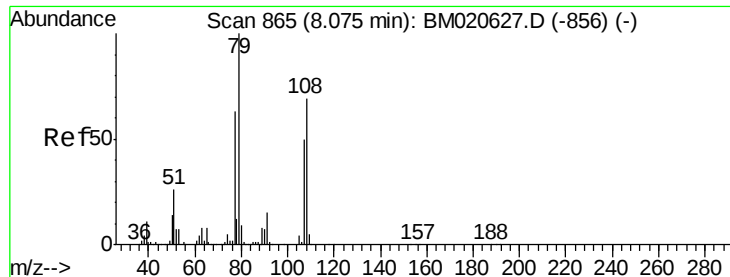
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

111 43.6 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.744 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

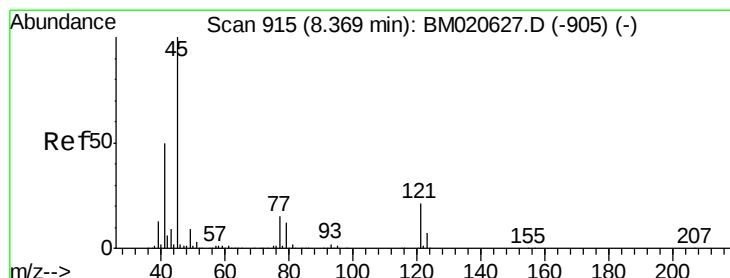
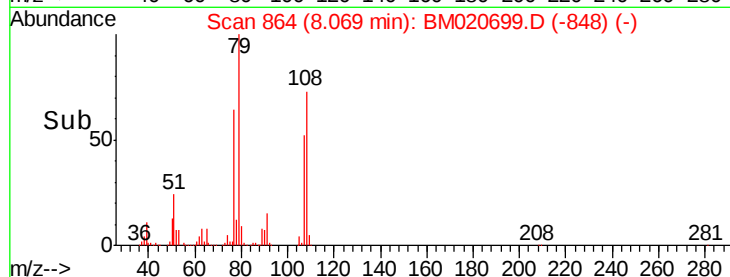
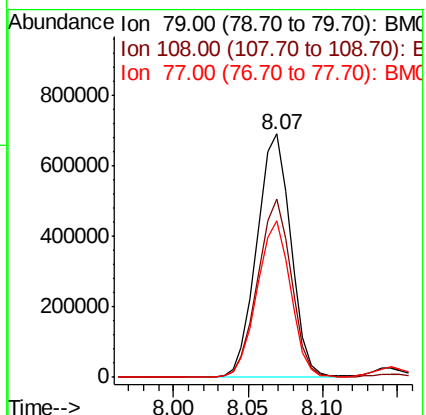
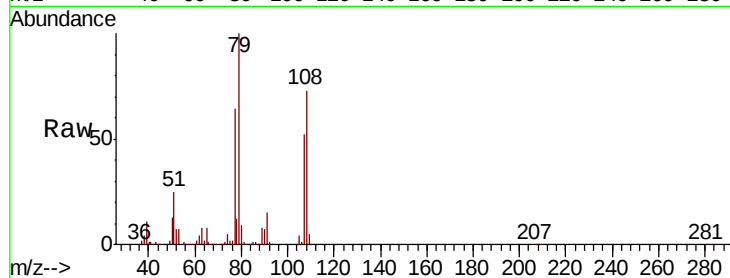
Tot Ion: 79 Resp: 1089752

Ion Ratio Lower Upper

79 100

108 73.1 54.9 82.3

77 64.2 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.536 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

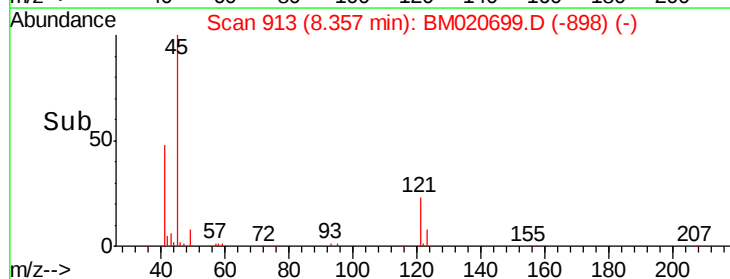
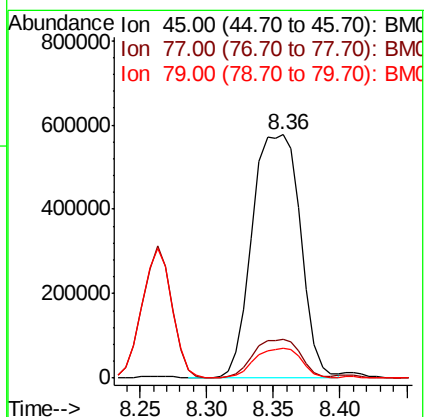
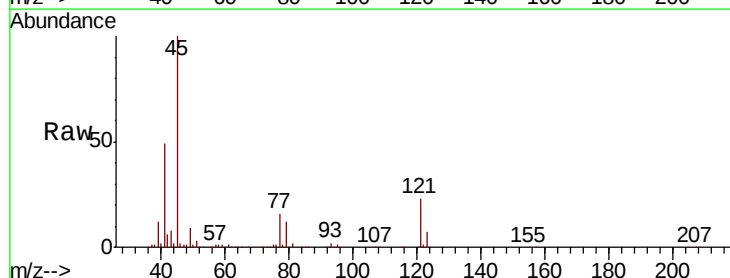
Tgt Ion: 45 Resp: 1434342

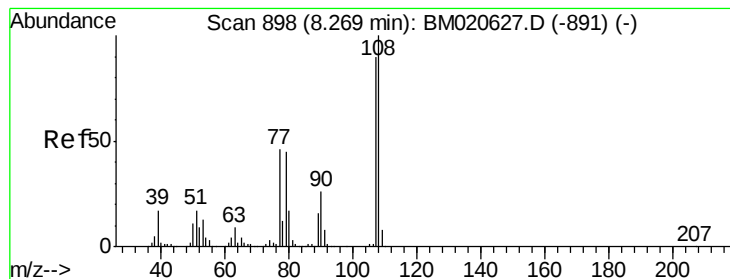
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.9

79 12.3 0.0 31.8





#17

2-Methylphenol

Concen: 45.293 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:107 Resp: 989144

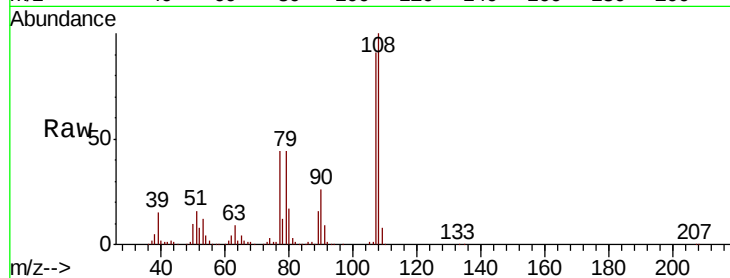
Ion Ratio Lower Upper

107 100

108 109.5 88.6 133.0

77 48.5 40.6 61.0

79 47.8 39.9 59.9

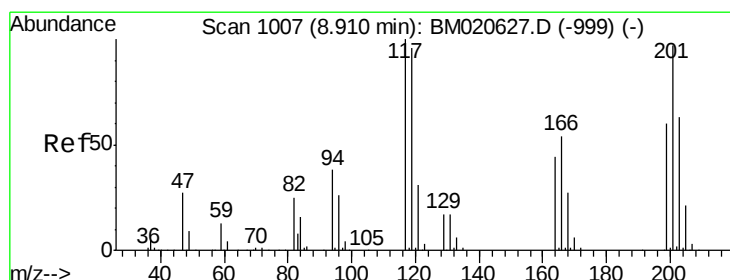
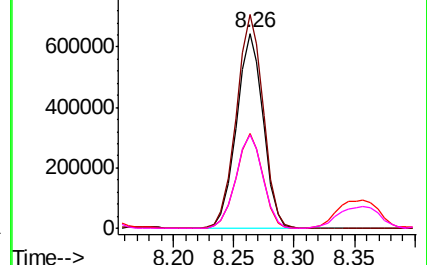
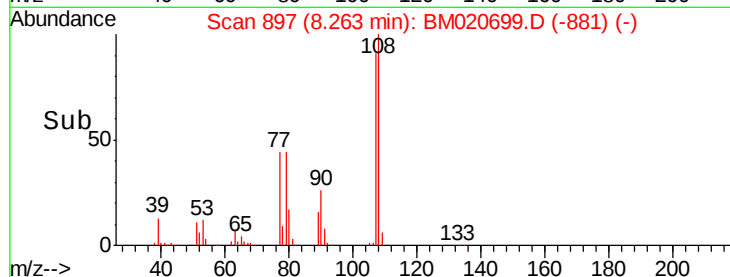


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.966 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

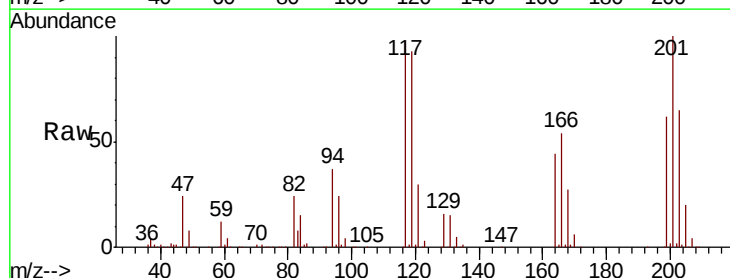
Tgt Ion:117 Resp: 424403

Ion Ratio Lower Upper

117 100

119 95.5 76.7 115.1

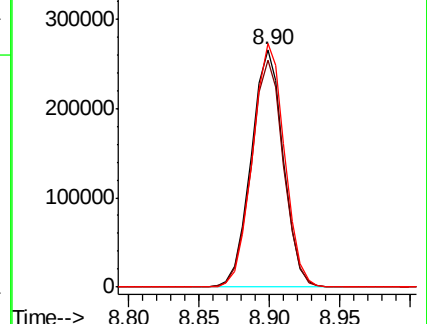
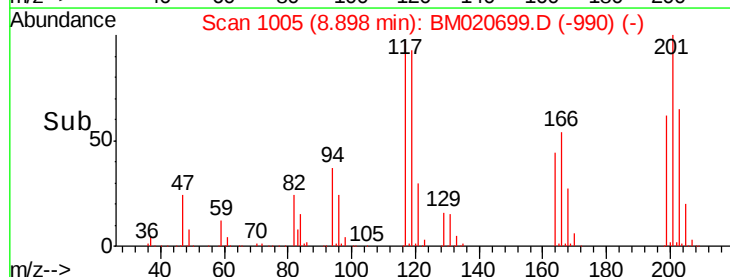
201 102.6 77.9 116.9

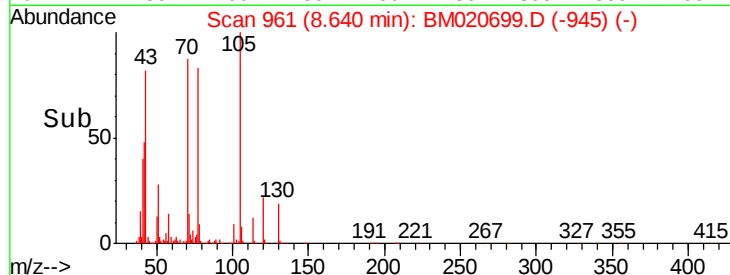
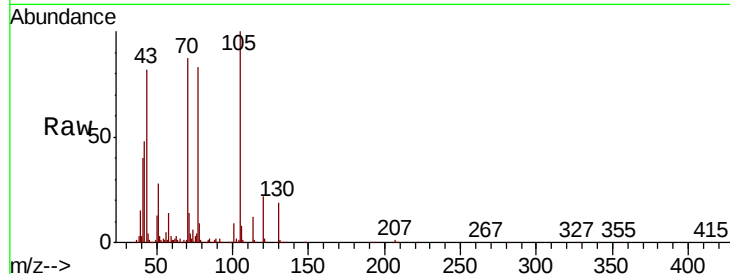
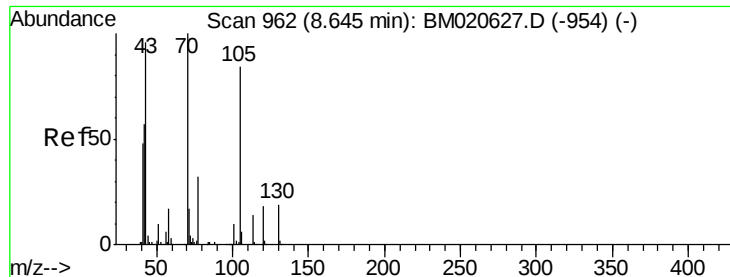


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

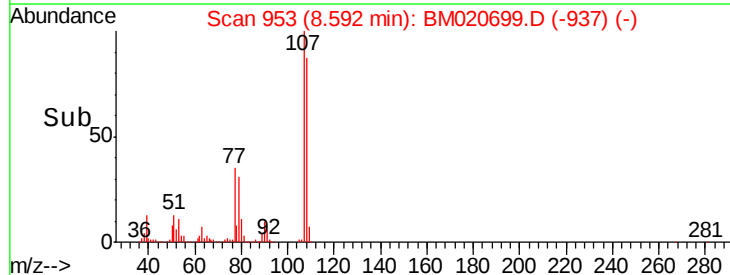
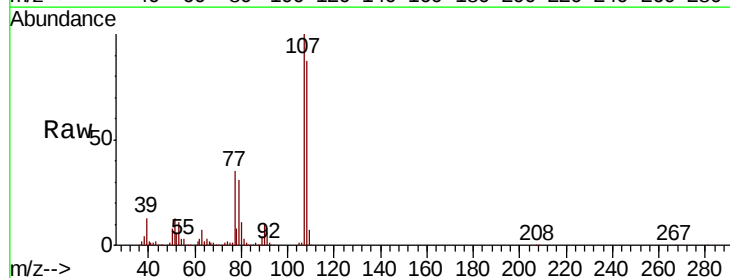
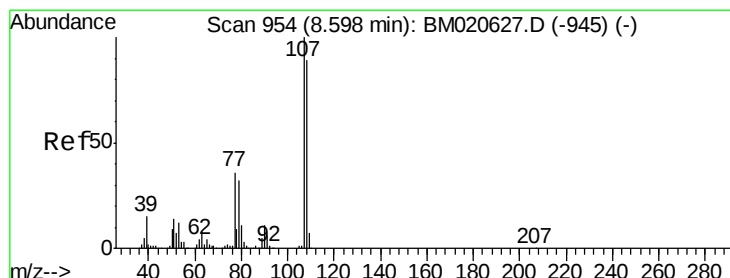
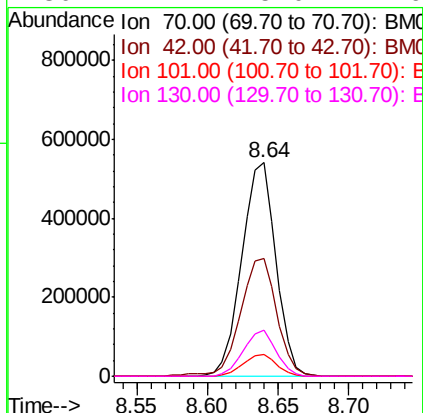




#19
n-Nitroso-di-n-propylamine
Concen: 39.506 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

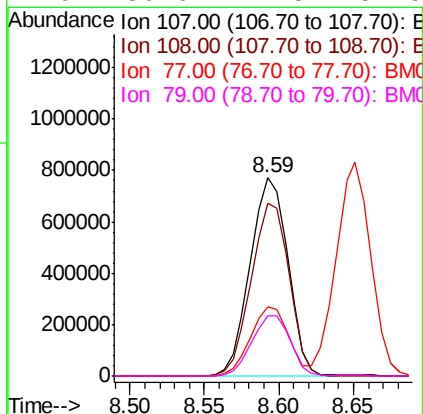
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

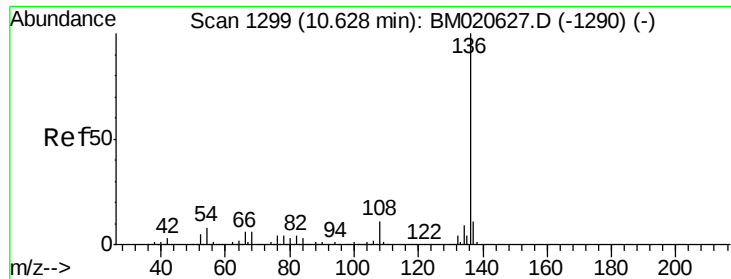
Tot Ion:	70	Resp:	915185
Ion	Ratio	Lower	Upper
70	100		
42	55.2	46.8	70.2
101	10.2	7.8	11.6
130	21.4	15.0	22.6



#20
3+4-Methylphenols
Concen: 45.612 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:	107	Resp:	1355254
Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.2	109.2
77	34.7	16.2	56.2
79	30.6	12.5	52.5

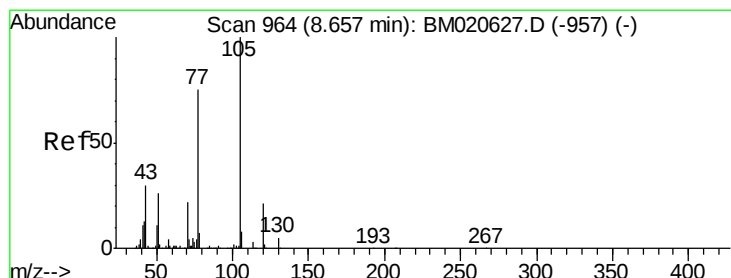
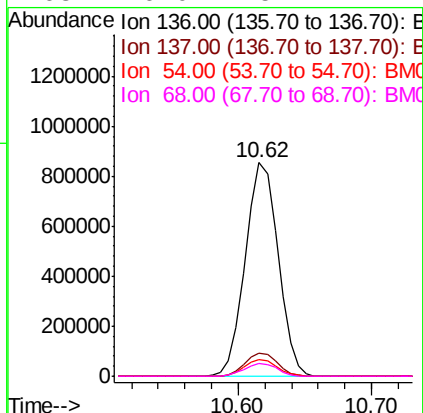
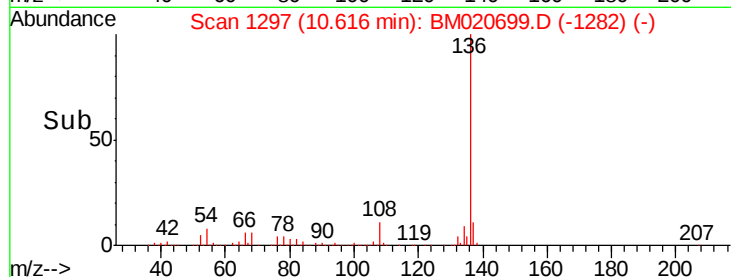
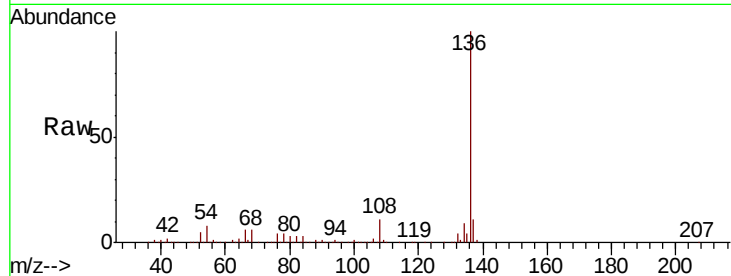




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

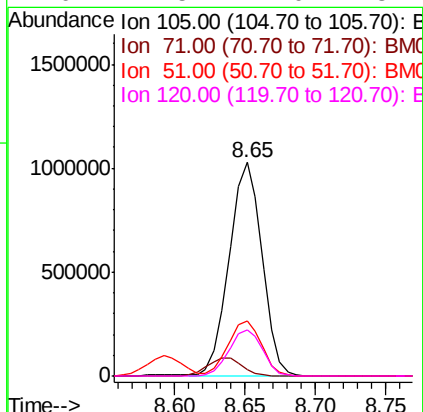
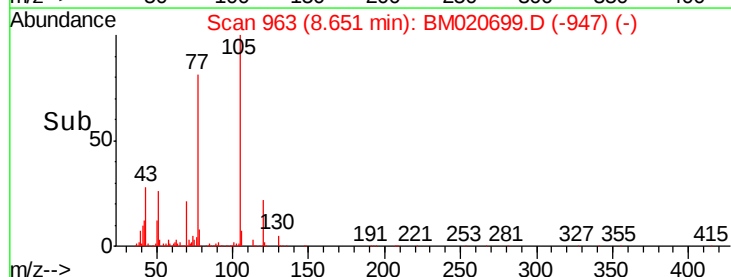
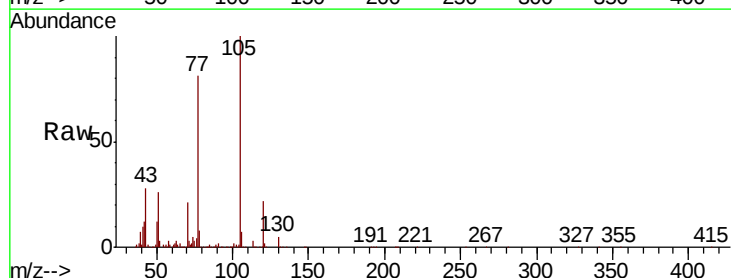
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

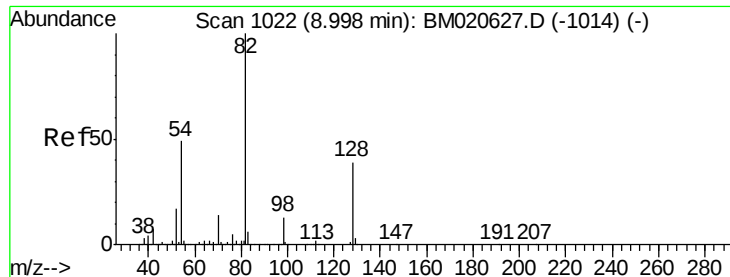
Tot Ion:136 Resp: 1451552
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.6 10.0
68 6.0 5.1 7.7



#22
Acetophenone
Concen: 45.182 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:105 Resp: 1666078
Ion Ratio Lower Upper
105 100
71 3.2 3.2 4.8#
51 26.0 22.8 34.2
120 21.5 17.0 25.4

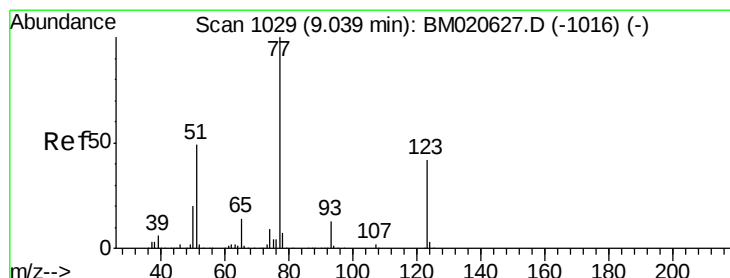
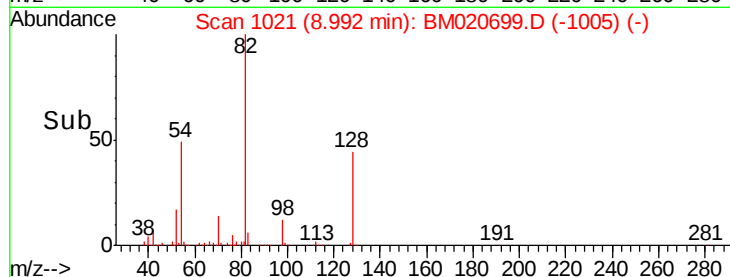
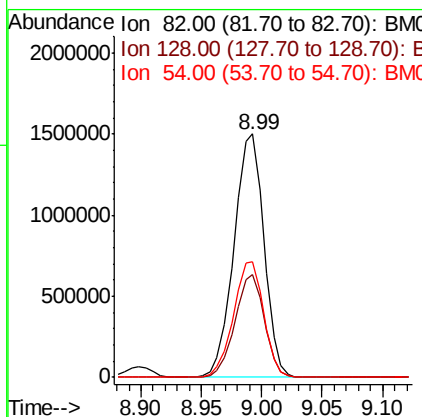
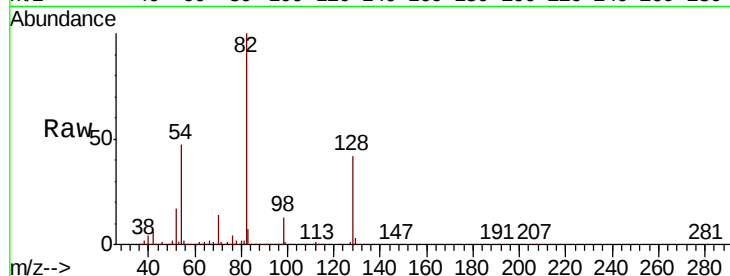




#23
 Nitrobenzene-d5
 Concen: 92.933 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

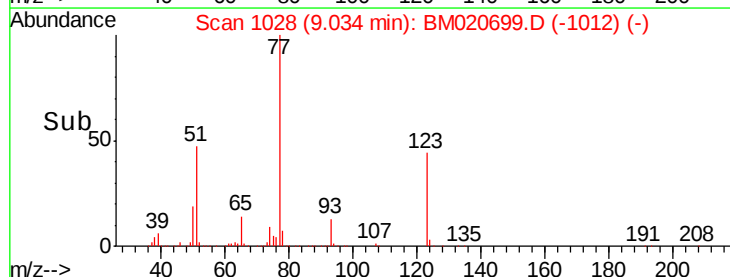
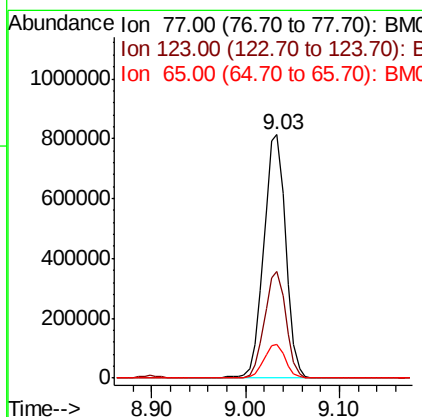
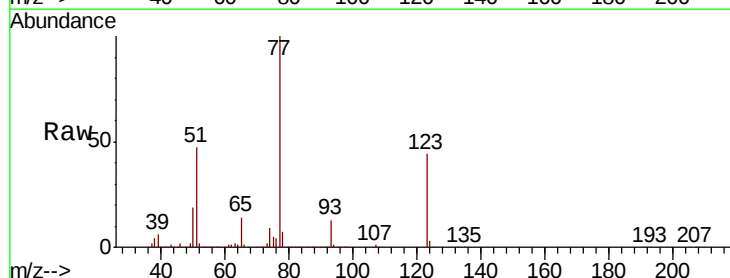
Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

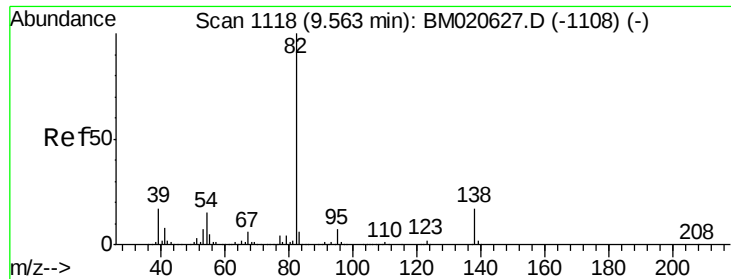
Tot Ion: 82 Resp: 2603609
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.5 47.3
 54 47.3 39.4 59.0



#24
 Nitrobenzene
 Concen: 45.808 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion: 77 Resp: 1310129
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.7 50.5
 65 13.7 11.0 16.6





#25

Isophorone

Concen: 44.412 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

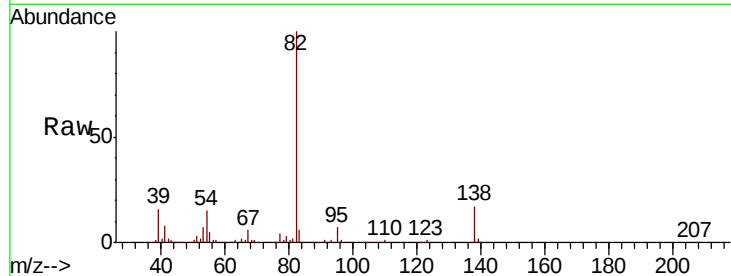
Tot Ion: 82 Resp: 2474997

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

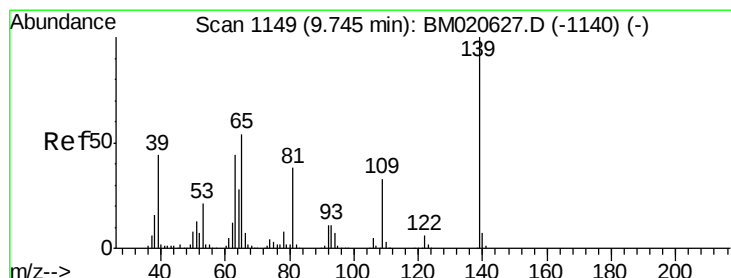
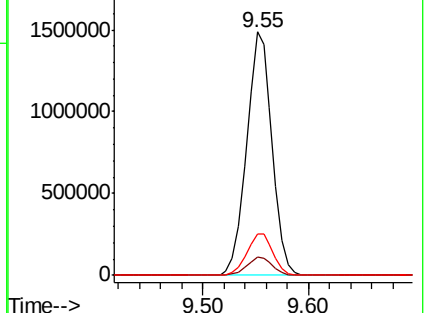
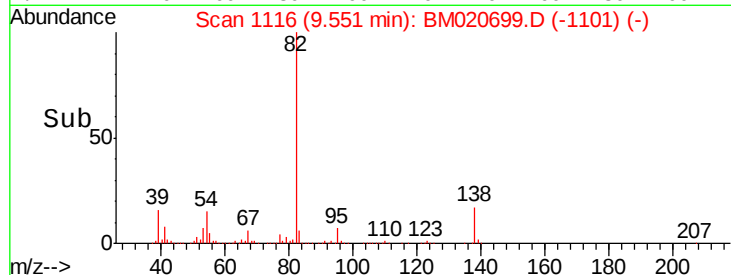
138 17.1 13.8 20.8



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

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

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



#26

2-Nitrophenol

Concen: 56.326 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

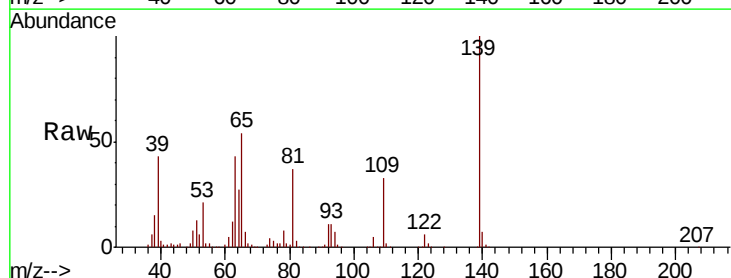
Tgt Ion: 139 Resp: 600390

Ion Ratio Lower Upper

139 100

109 32.9 26.1 39.1

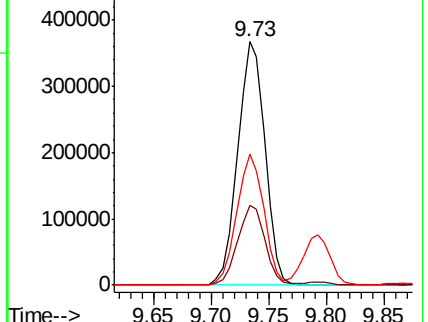
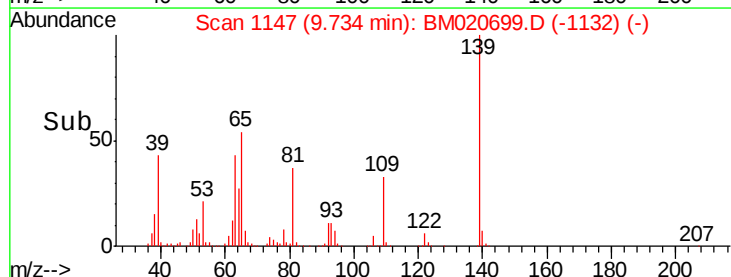
65 53.8 43.4 65.0

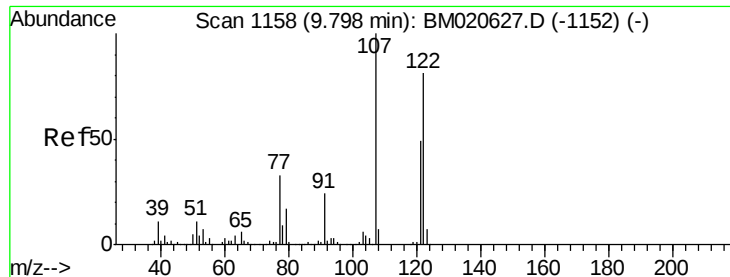


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

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

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

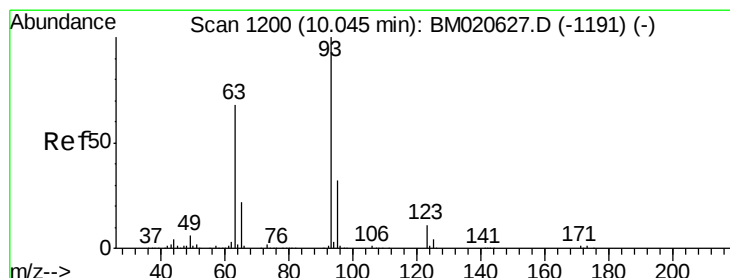
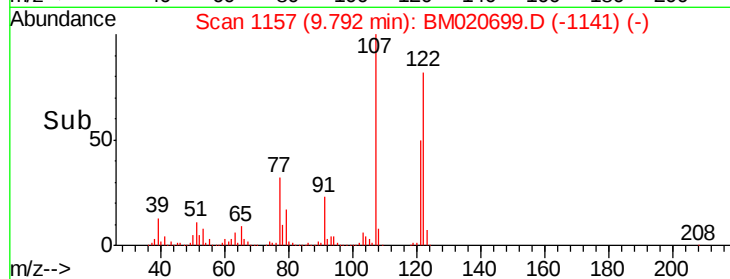
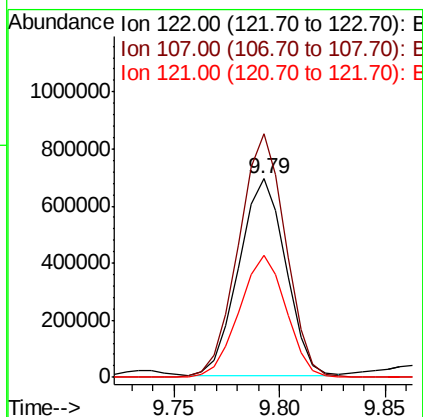
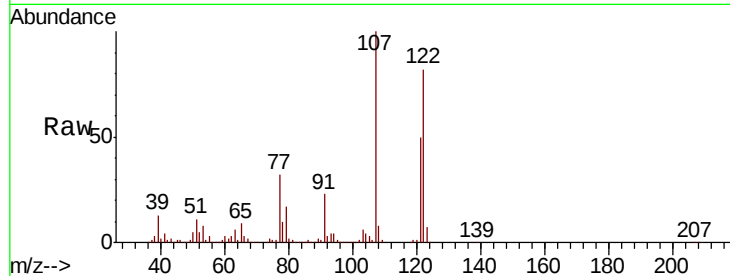




#27
 2,4-Dimethylphenol
 Concen: 53.328 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

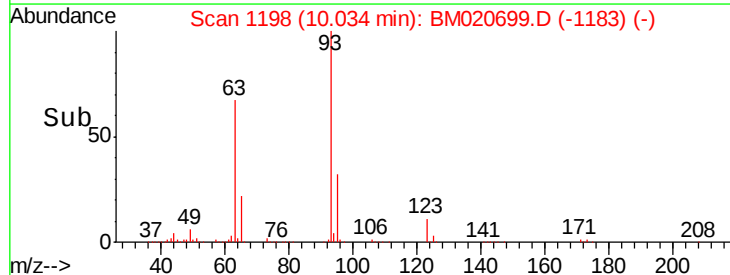
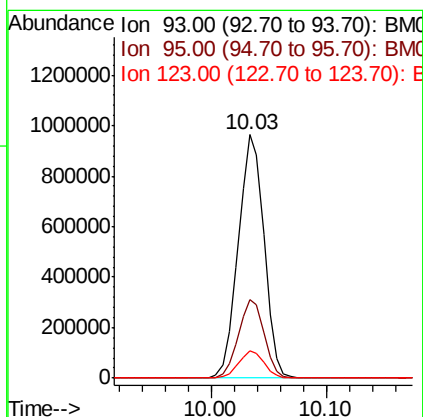
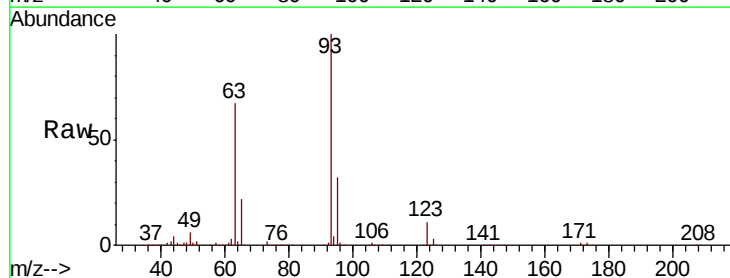
Instrument :
 BNA_M
 ClientSampled :
 TP-1A-DMSD

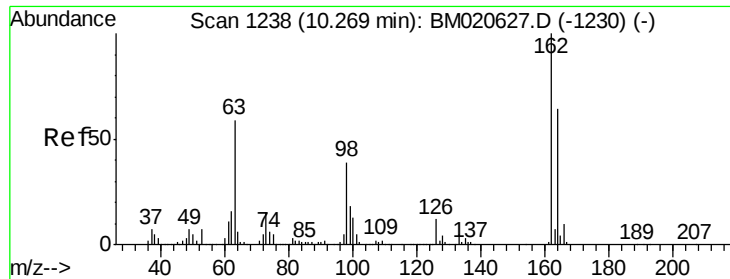
Tot Ion:122 Resp: 1065162
 Ion Ratio Lower Upper
 122 100
 107 122.6 98.0 147.0
 121 61.3 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.291 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion: 93 Resp: 1492420
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 11.2 9.0 13.6

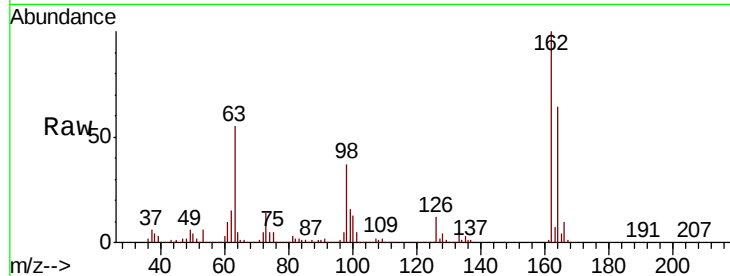




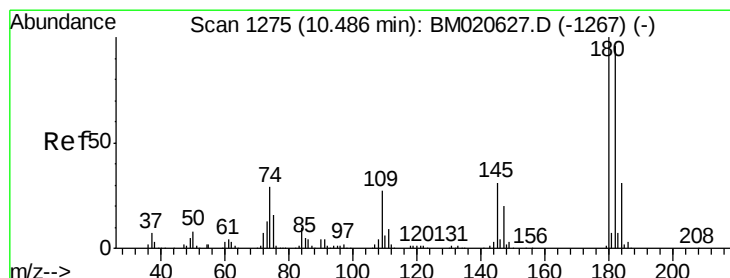
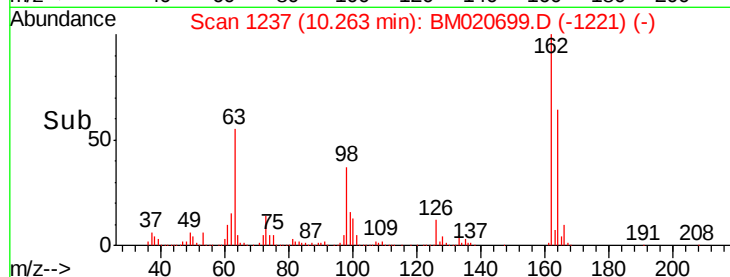
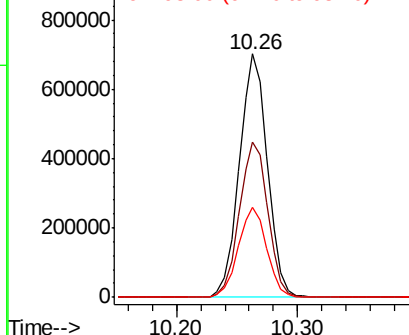
#29
 2,4-Dichlorophenol
 Concen: 51.480 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion:162 Resp: 1137633
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.8 83.8
 98 37.1 19.1 59.1

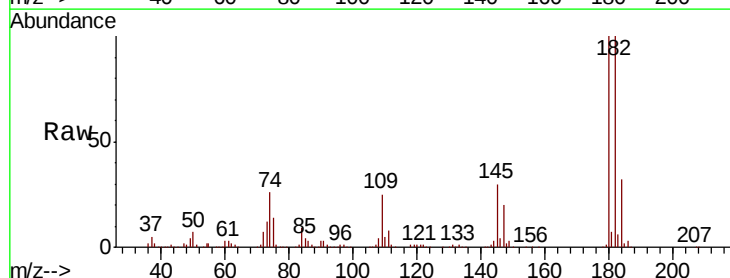


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

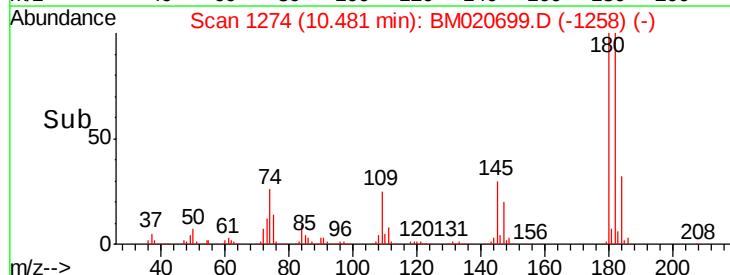
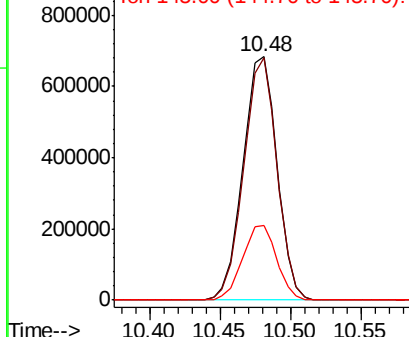


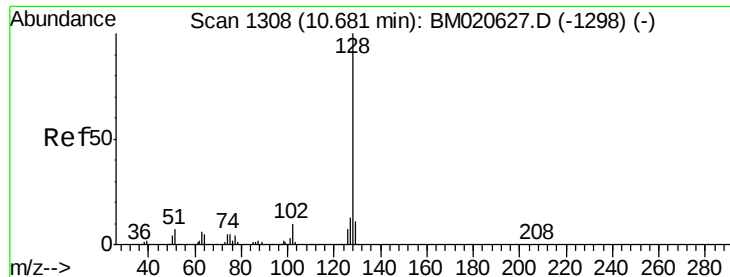
#30
 1,2,4-Trichlorobenzene
 Concen: 45.555 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:180 Resp: 1157544
 Ion Ratio Lower Upper
 180 100
 182 99.7 77.0 115.6
 145 30.5 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: 46.381 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

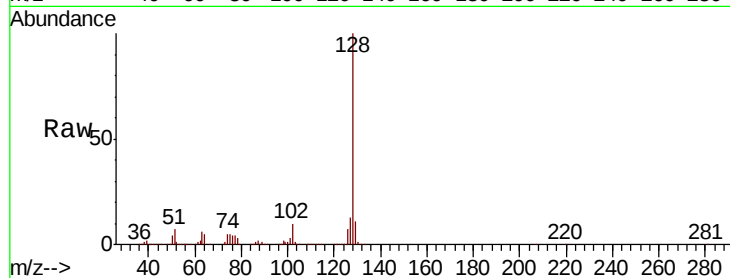
Tot Ion:128 Resp: 3462034

Ion Ratio Lower Upper

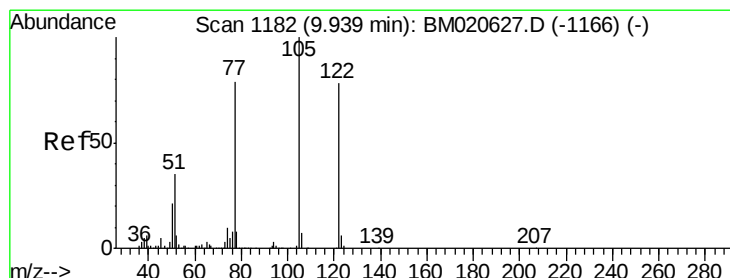
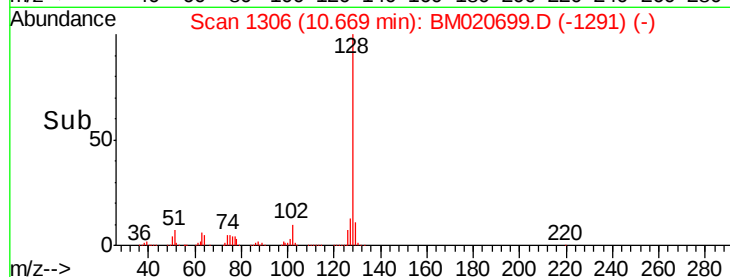
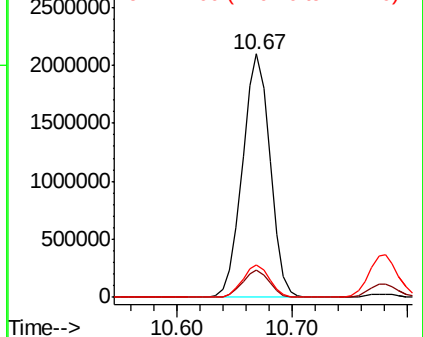
128 100

129 11.0 8.7 13.1

127 13.2 10.3 15.5



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



#32

Benzoic acid

Concen: 20.751 ng

RT: 9.89 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

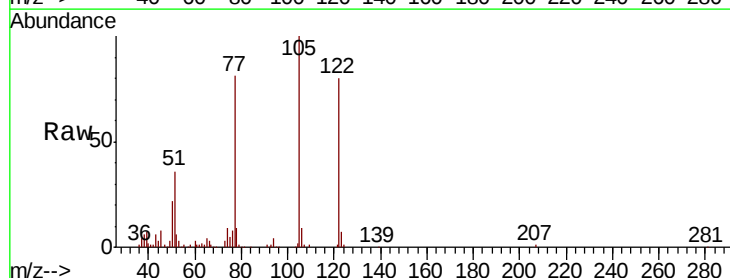
Tgt Ion:122 Resp: 219843

Ion Ratio Lower Upper

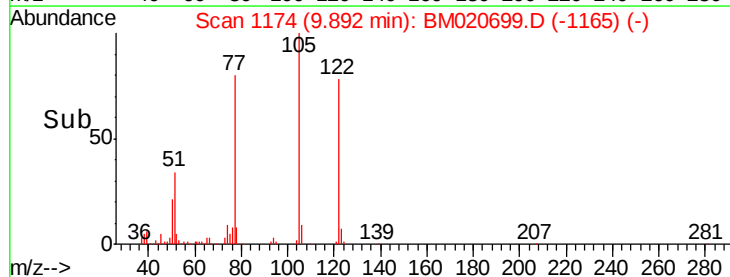
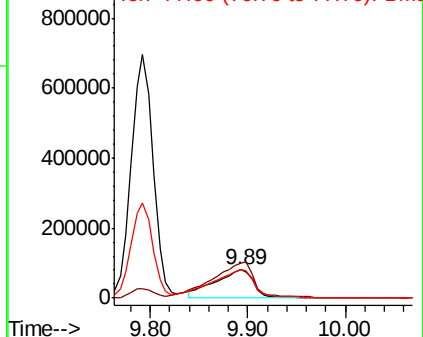
122 100

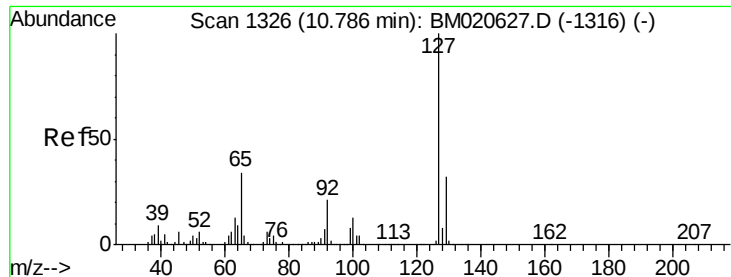
105 125.4 107.0 147.0

77 101.7 80.9 120.9



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

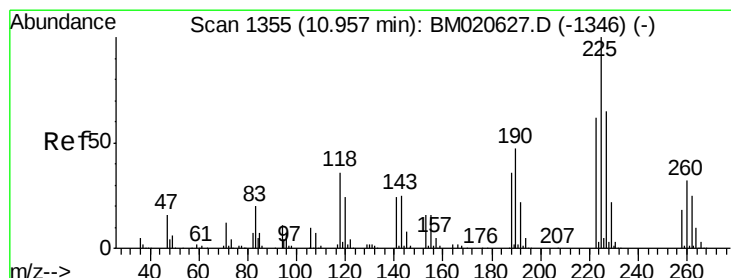
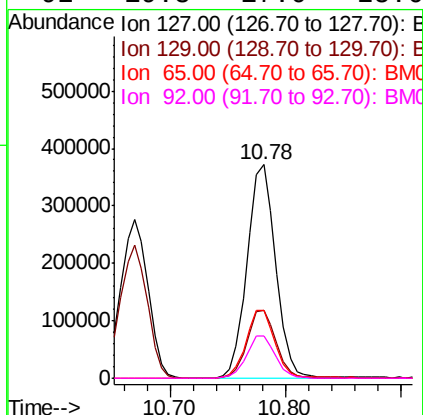
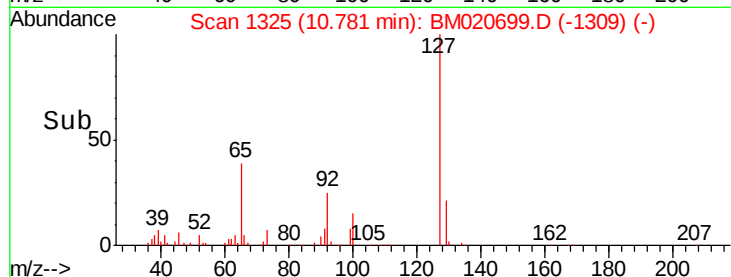
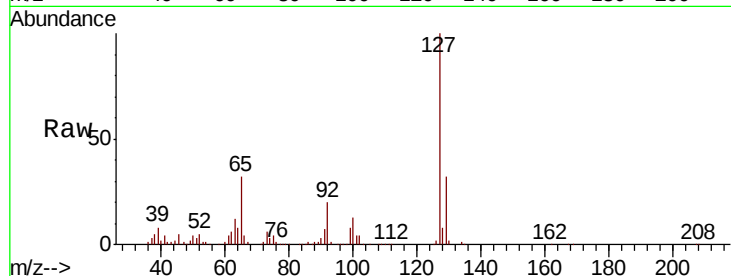




#33
4-Chloroaniline
Concen: 18.449 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

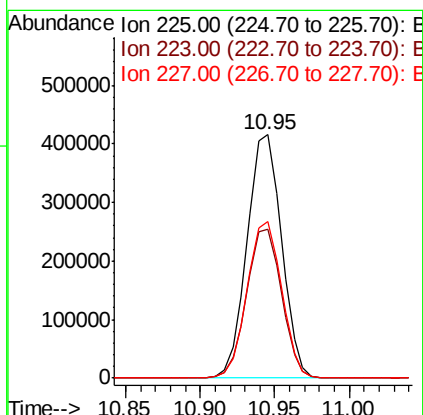
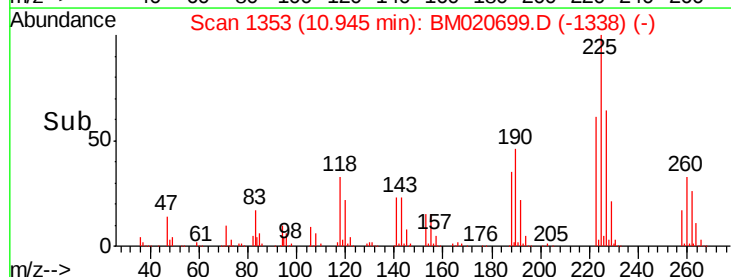
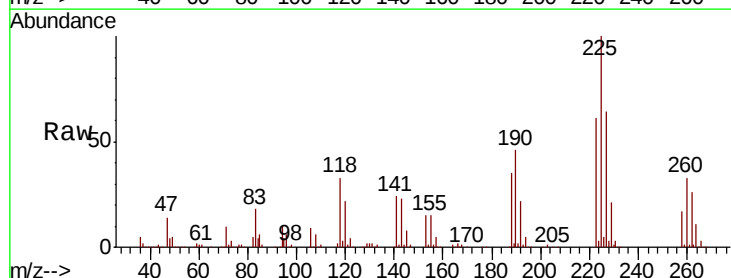
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

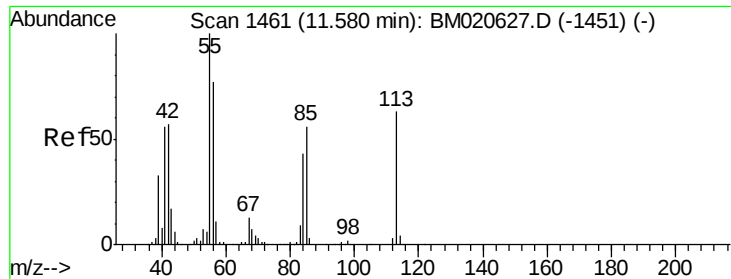
Tot Ion:	127	Resp:	640891
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	31.6	27.4	41.0
92	19.8	17.0	25.6



#34
Hexachlorobutadiene
Concen: 43.661 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:	225	Resp:	665674
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	64.5	51.8	77.8

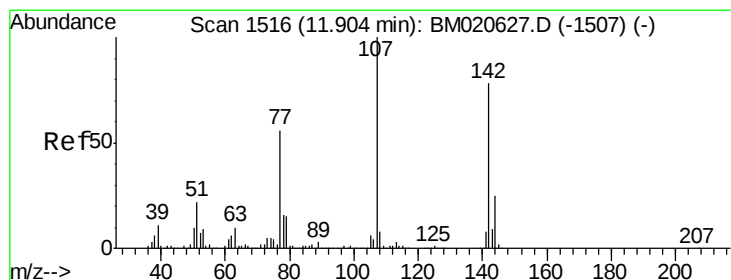
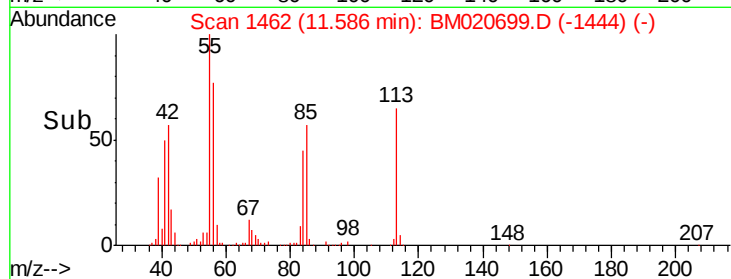
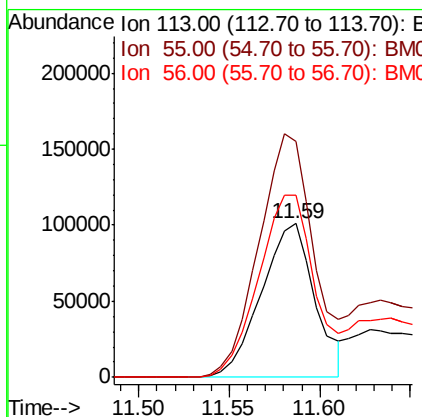
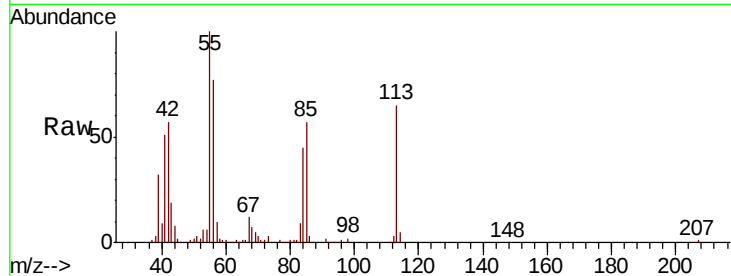




#35
Caprolactam
Concen: 27.106 ng
RT: 11.59 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

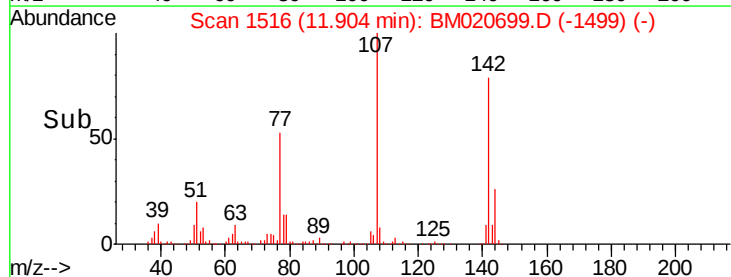
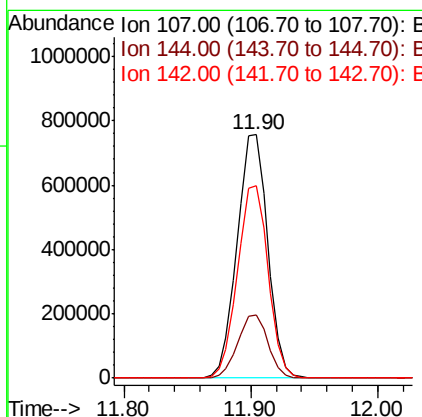
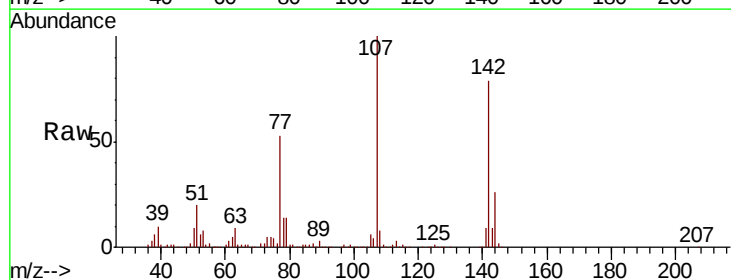
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

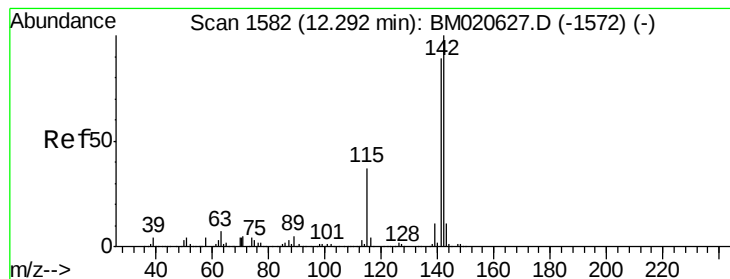
Tot Ion:113 Resp: 208097
Ion Ratio Lower Upper
113 100
55 153.1 138.6 178.6
56 118.4 102.3 142.3



#36
4-Chloro-3-methylphenol
Concen: 49.460 ng
RT: 11.90 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:107 Resp: 1270785
Ion Ratio Lower Upper
107 100
144 25.8 20.3 30.5
142 79.1 62.6 93.8





#37

2-Methylnaphthalene

Concen: 47.376 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

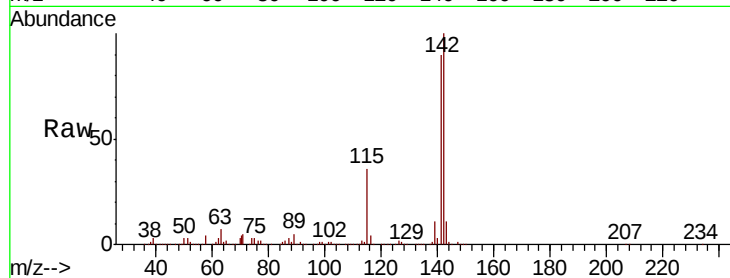
Tot Ion:142 Resp: 2621188

Ion Ratio Lower Upper

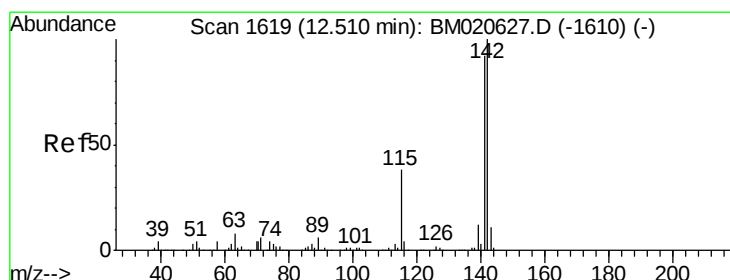
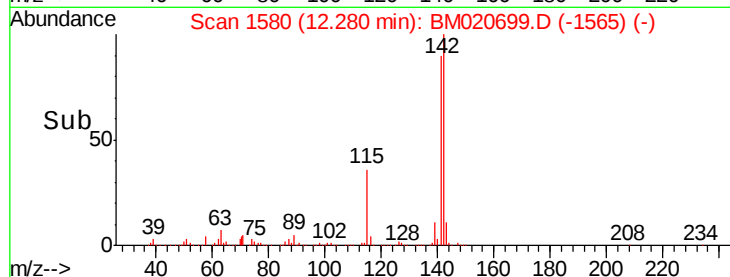
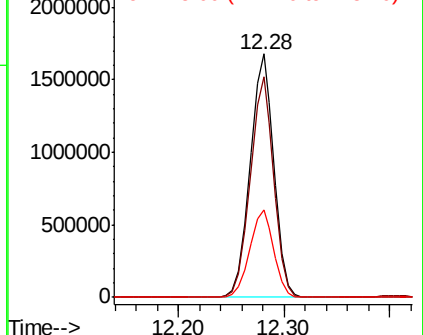
142 100

141 90.5 71.6 107.4

115 36.1 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: 47.379 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

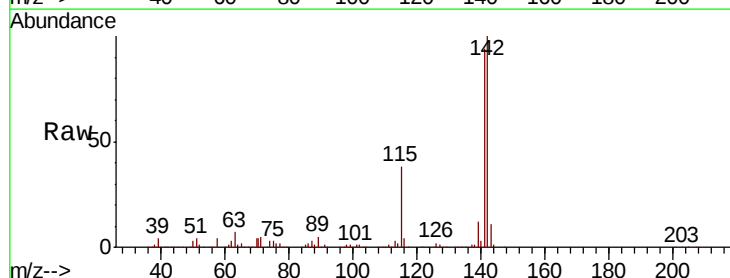
Tgt Ion:142 Resp: 2496038

Ion Ratio Lower Upper

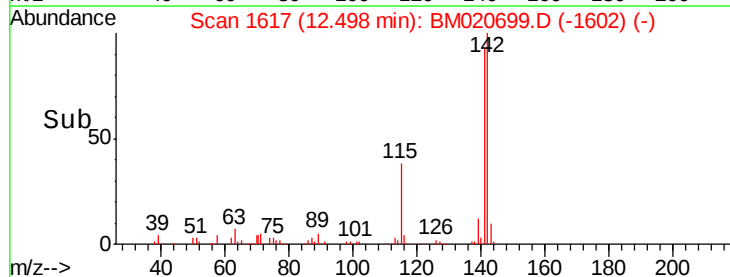
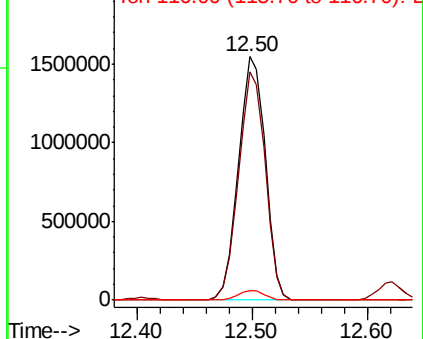
142 100

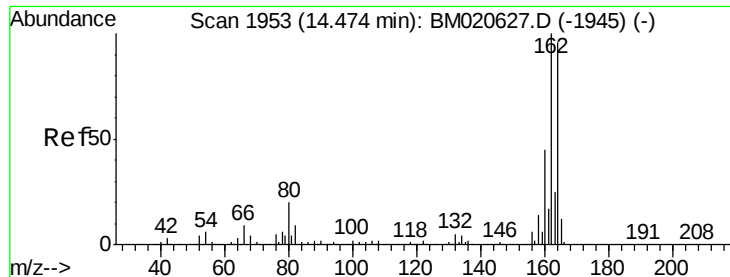
141 93.9 73.9 110.9

116 4.1 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

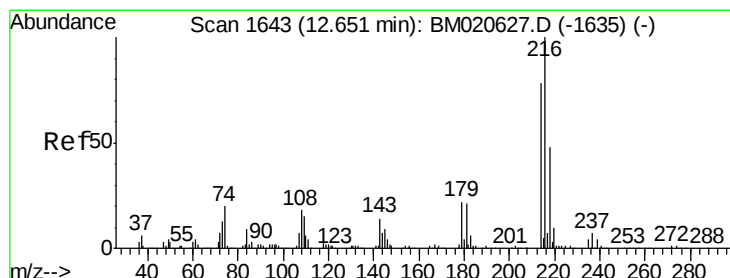
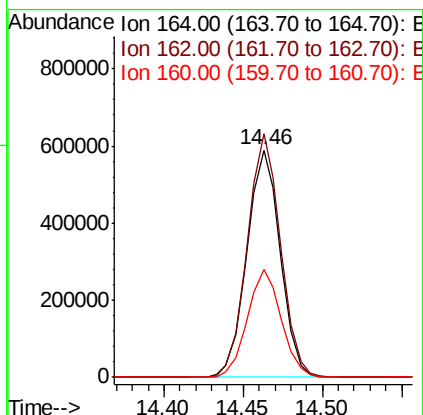
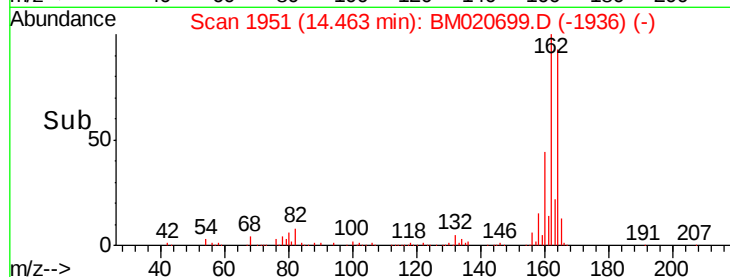
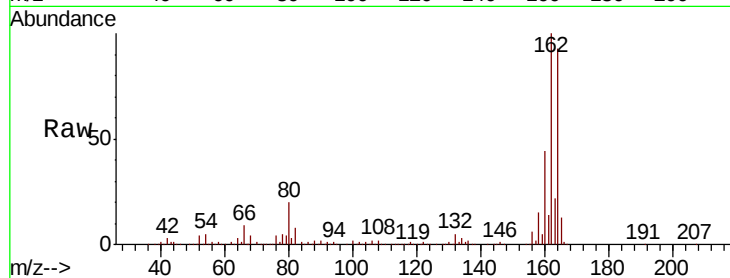
Tot Ion:164 Resp: 861019

Ion Ratio Lower Upper

164 100

162 107.1 83.2 124.8

160 47.3 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.108 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:216 Resp: 1357425

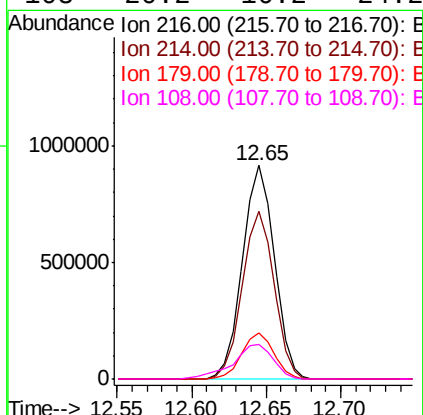
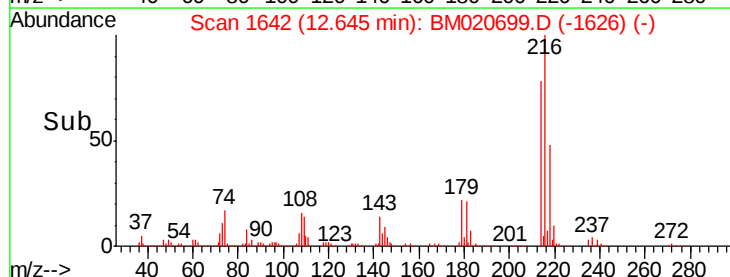
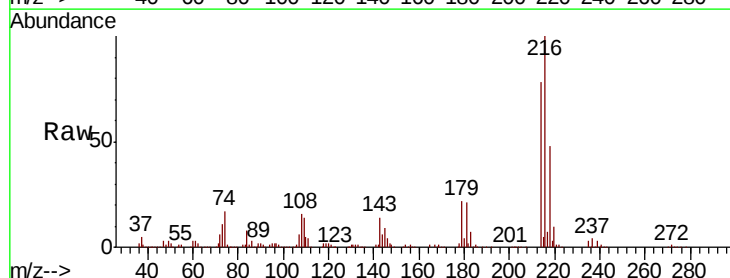
Ion Ratio Lower Upper

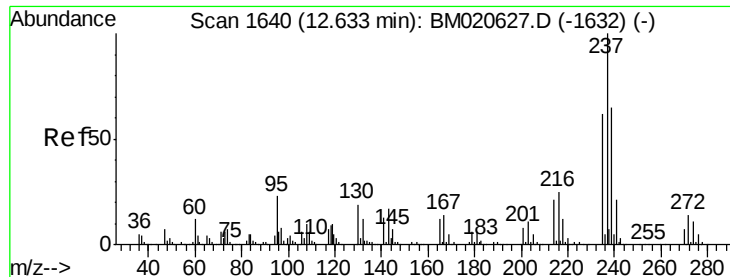
216 100

214 78.5 63.0 94.4

179 21.6 17.9 26.9

108 20.2 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 80.863 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

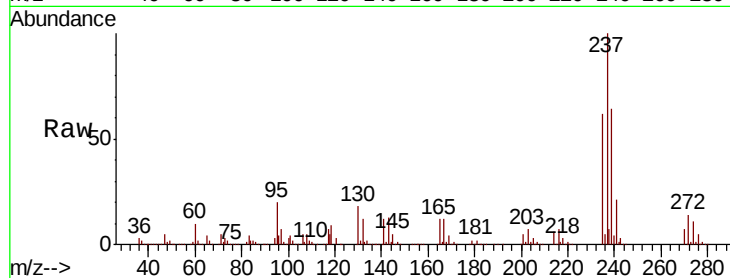
BNA_M

ClientSampleId :

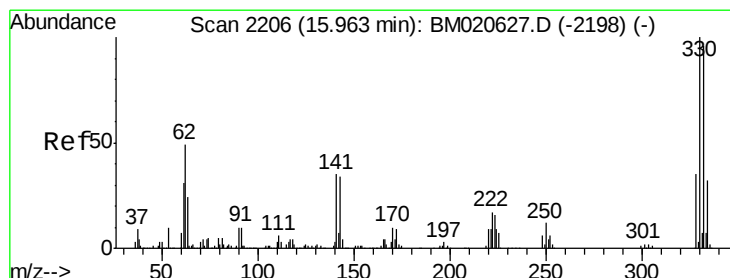
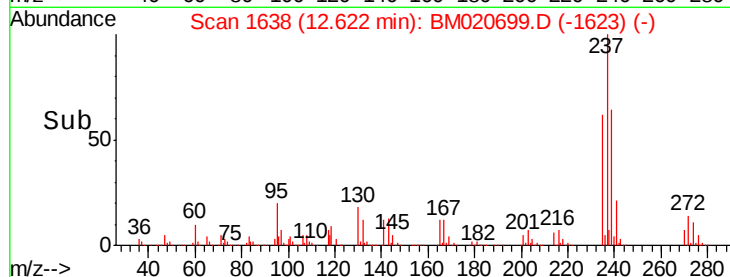
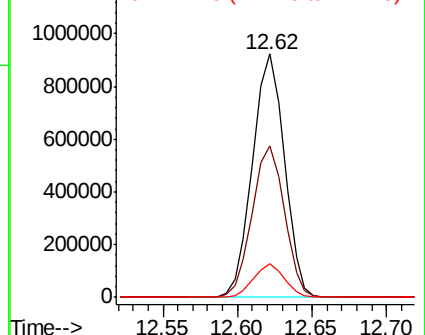
TP-1A-DMSD

Tot Ion:237 Resp: 1364602

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.1	82.1
272	13.6	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: 173.693 ng

RT: 15.96 min Scan# 2205

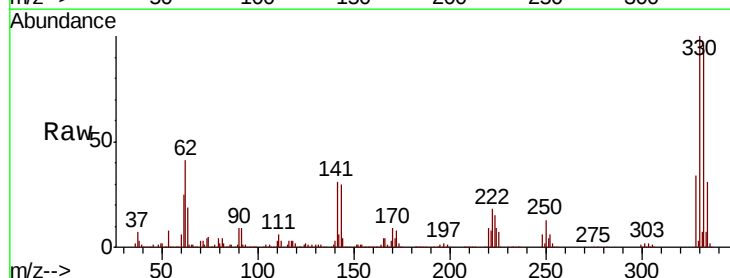
Delta R.T. -0.01 min

Lab File: BM020699.D

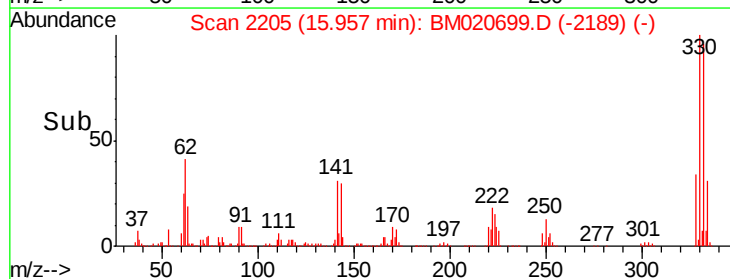
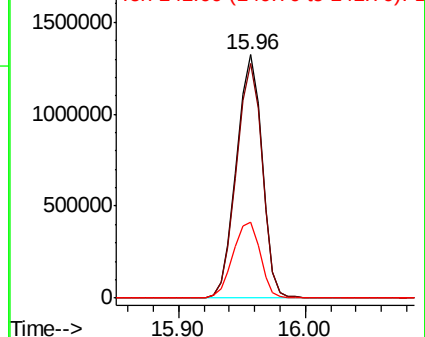
Acq: 04 Jun 2019 10:42

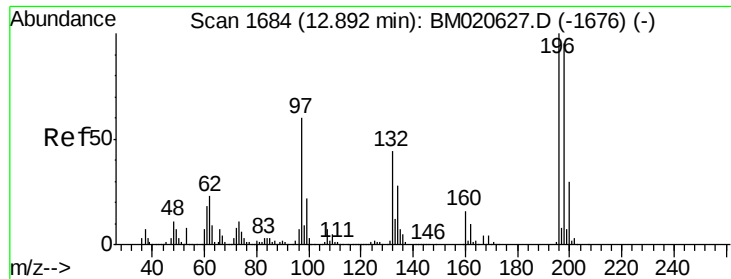
Tgt Ion:330 Resp: 1852947

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.3	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

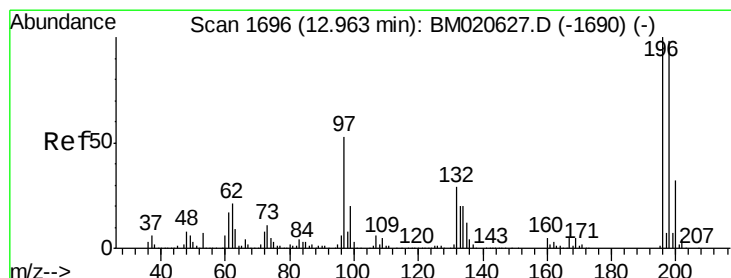
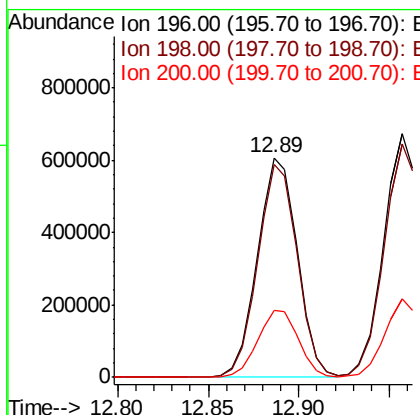
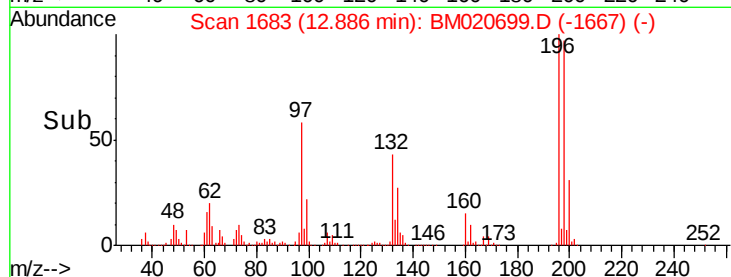
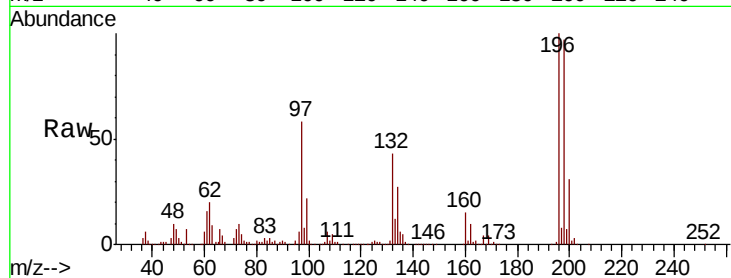




#43
 2,4,6-Trichlorophenol
 Concen: 51.095 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

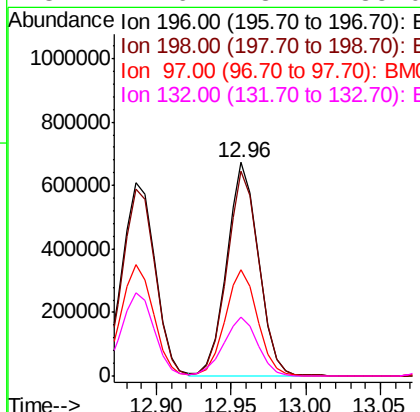
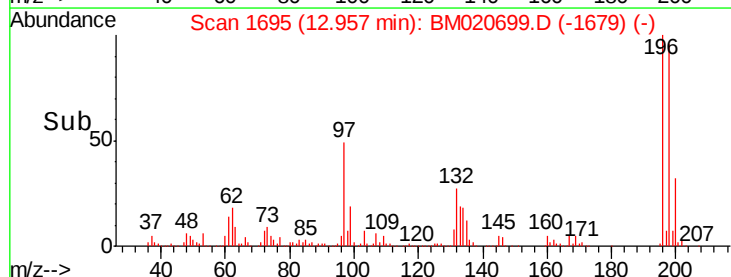
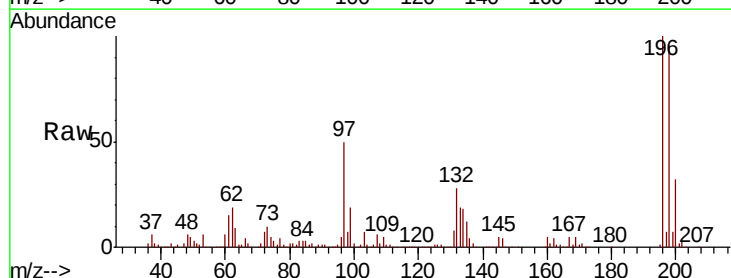
Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

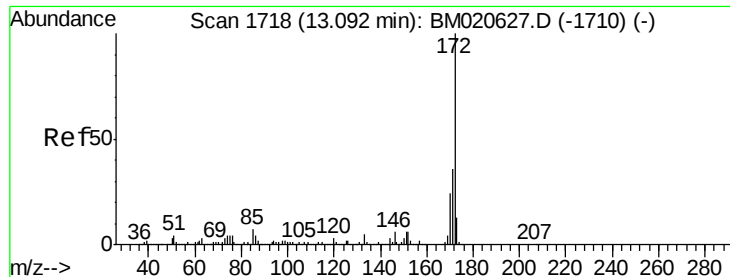
Tot Ion:196 Resp: 928003
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 200 30.7 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 53.291 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:196 Resp: 999245
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.6 117.8
 97 49.7 42.7 64.1
 132 27.6 23.4 35.0

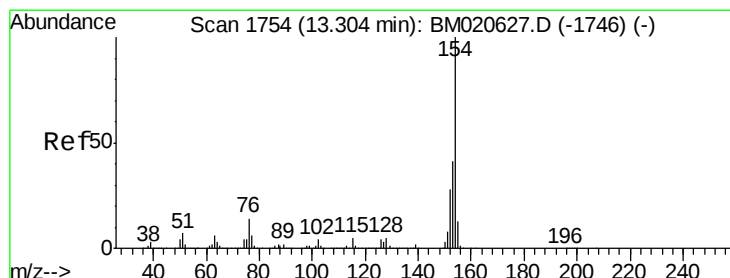
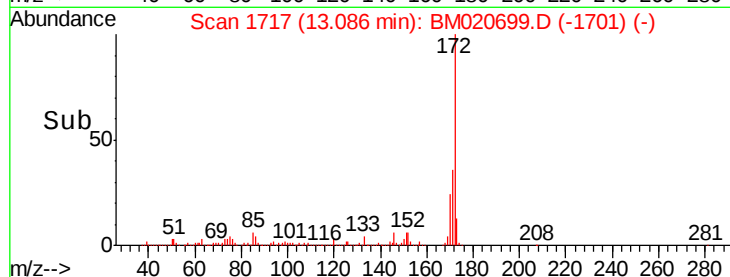
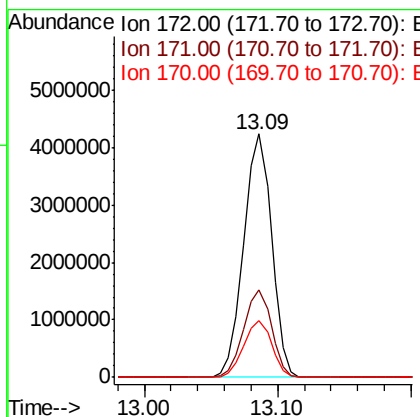
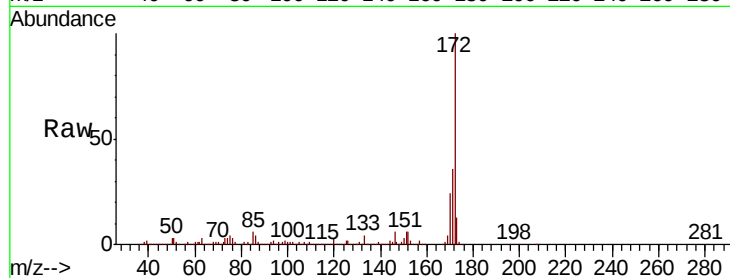




#45
2-Fluorobiphenyl
Concen: 94.541 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

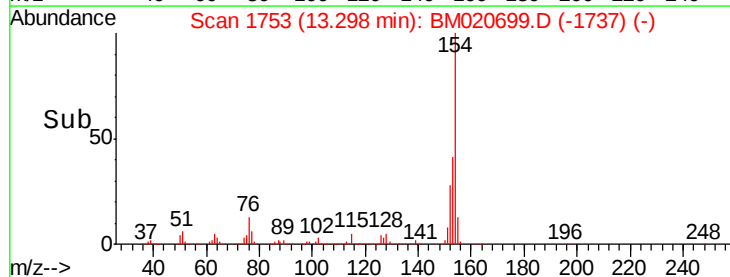
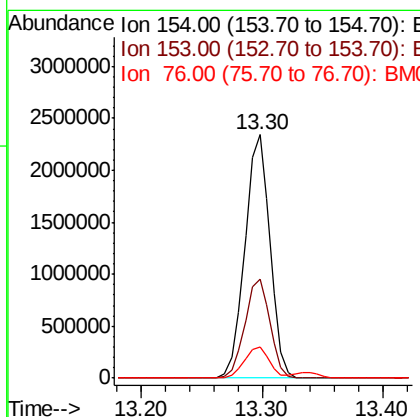
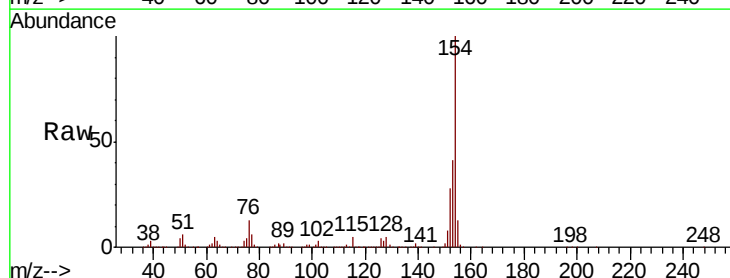
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

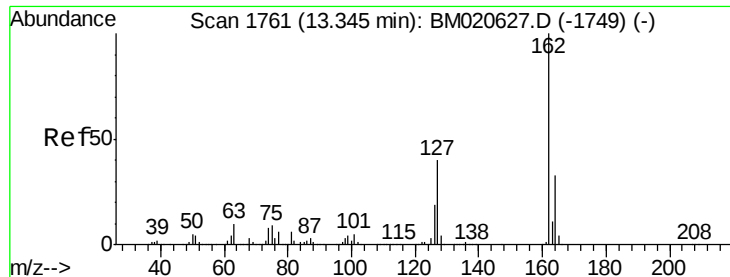
Tot Ion:172 Resp: 6122960
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.093 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:154 Resp: 3386415
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.7 0.0 34.0

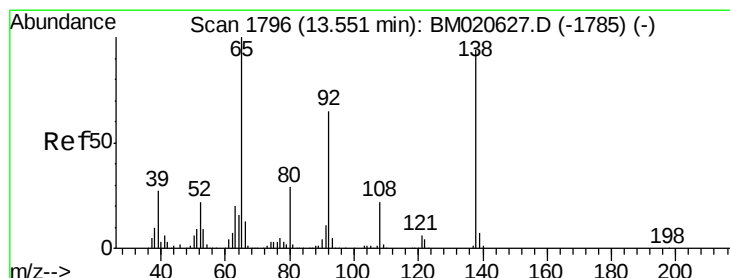
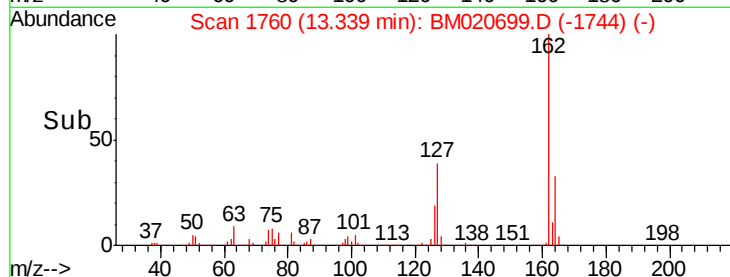
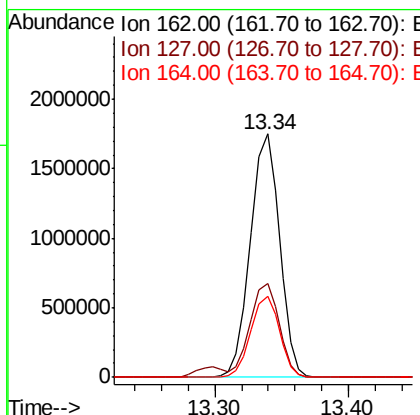
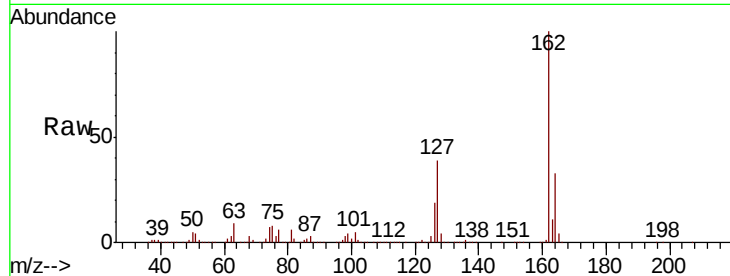




#47
2-Chloronaphthalene
Concen: 45.459 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

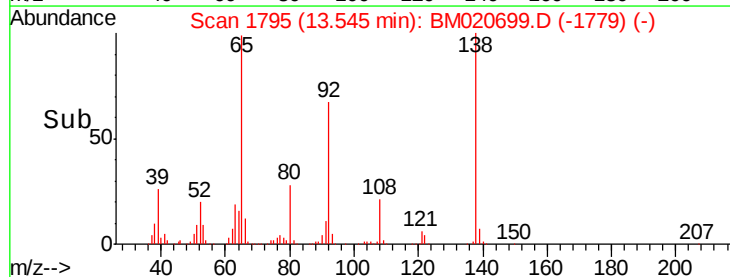
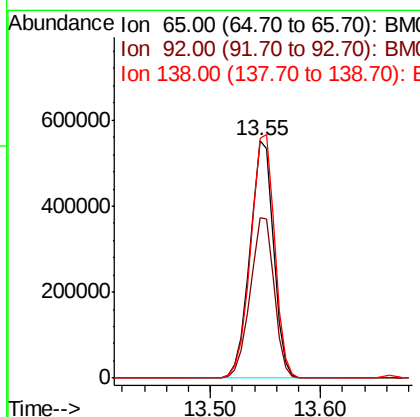
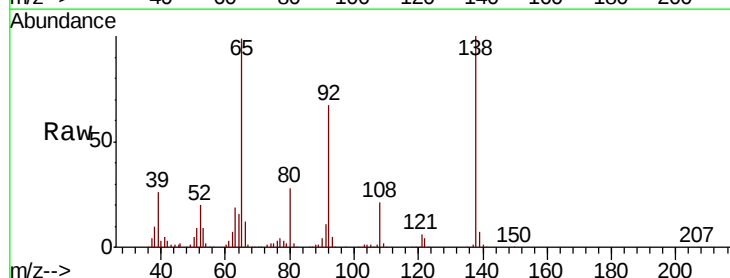
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

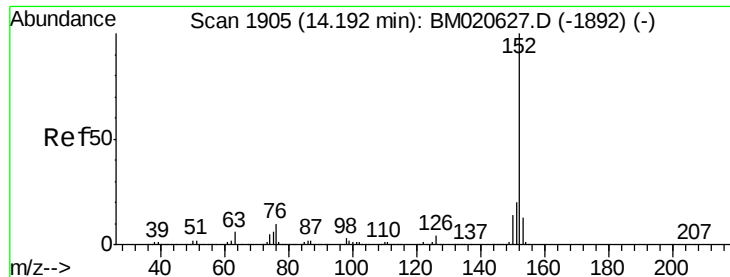
Tot Ion:162 Resp: 2638336
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 45.757 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion: 65 Resp: 833495
Ion Ratio Lower Upper
65 100
92 67.2 52.2 78.4
138 100.8 75.4 113.0





#49

Acenaphthylene

Concen: 46.873 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

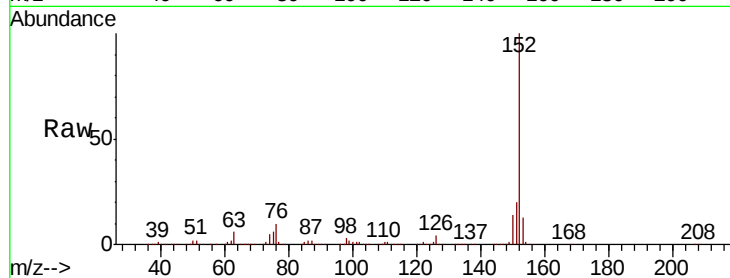
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:152 Resp: 4244673

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.1	10.6	15.8

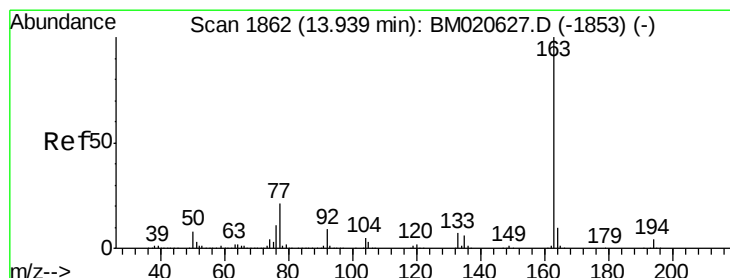
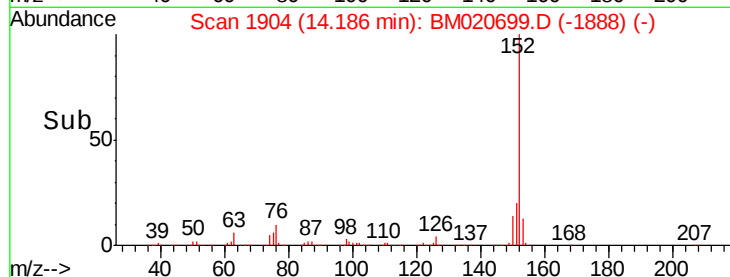
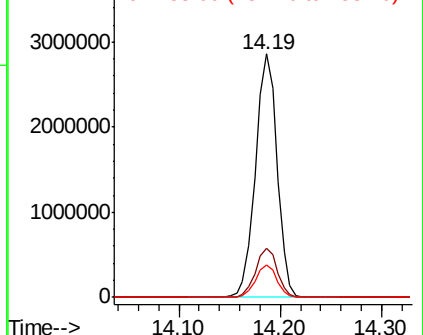


Abundance

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: 52.022 ng

RT: 13.93 min Scan# 1860

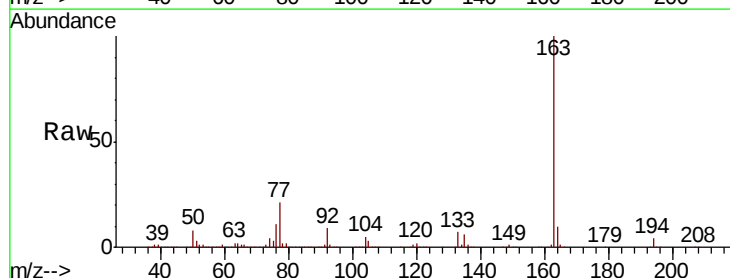
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:163 Resp: 3826774

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.9	11.9

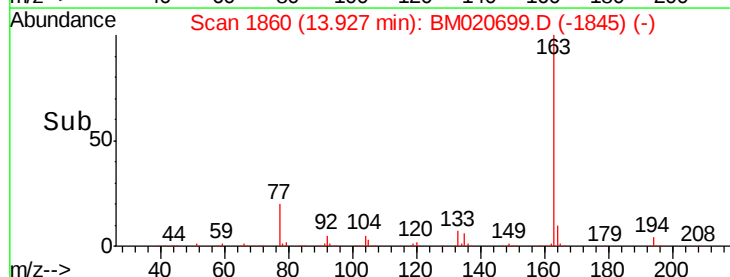
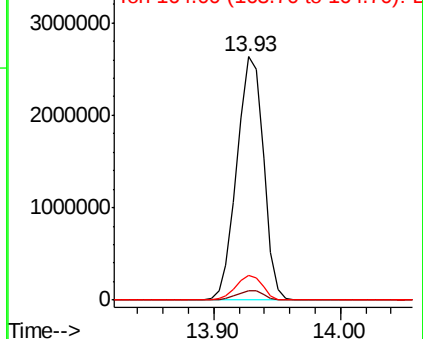


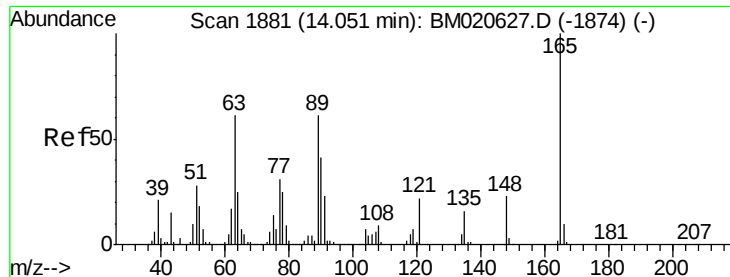
Abundance

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: 49.140 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

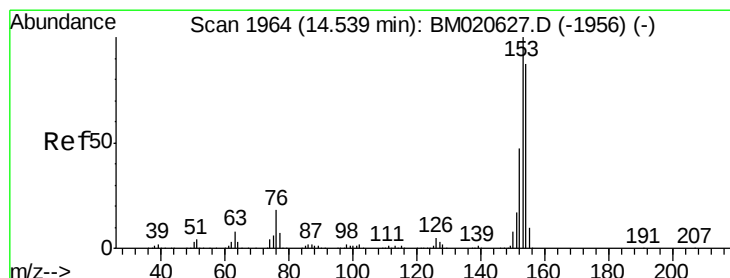
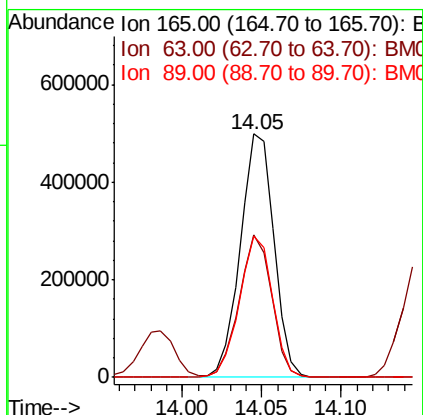
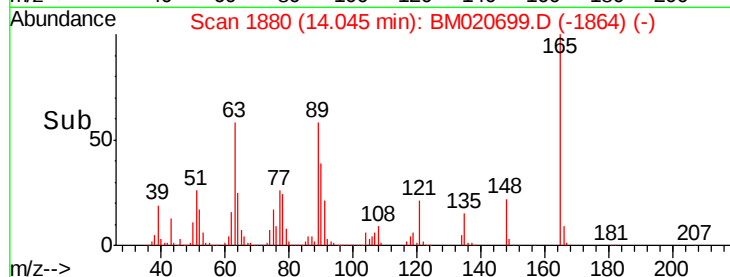
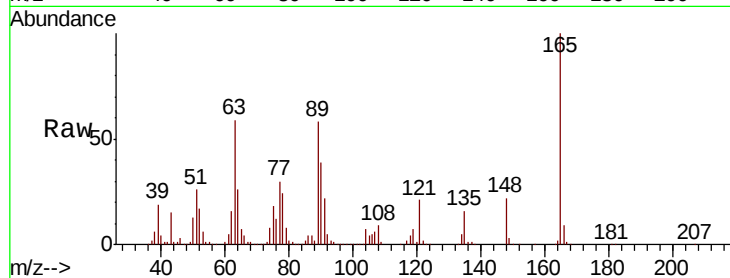
Tot Ion:165 Resp: 733991

Ion Ratio Lower Upper

165 100

63 58.6 50.4 75.6

89 58.0 49.1 73.7



#52

Acenaphthene

Concen: 46.060 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

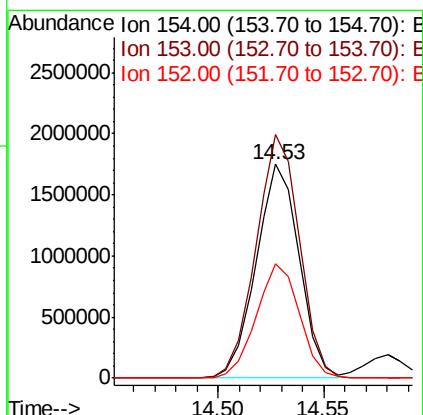
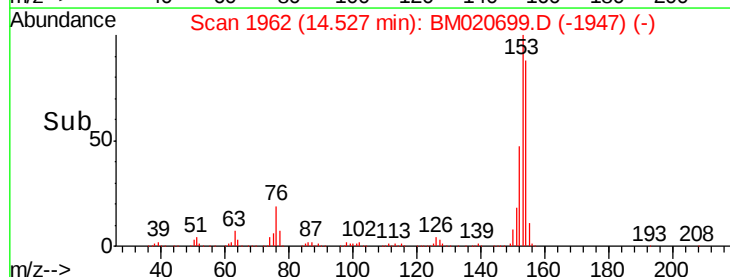
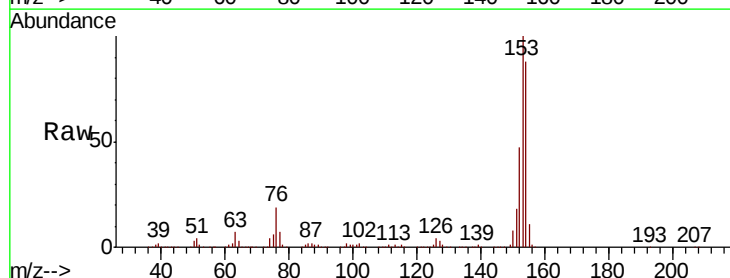
Tgt Ion:154 Resp: 2485633

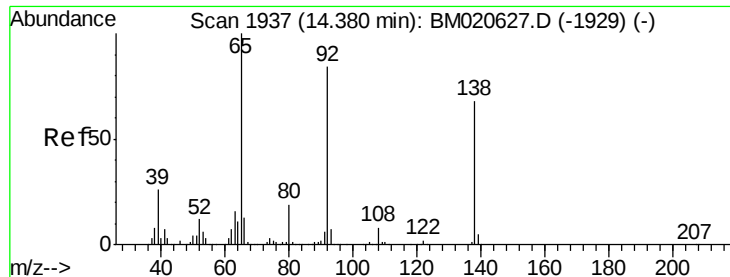
Ion Ratio Lower Upper

154 100

153 113.9 92.4 138.6

152 53.7 43.4 65.0

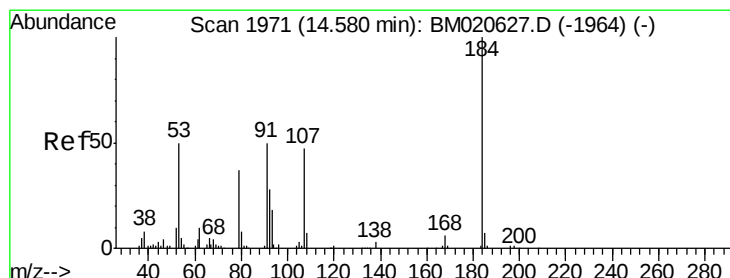
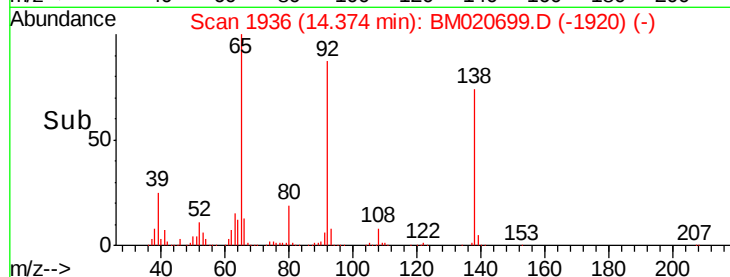
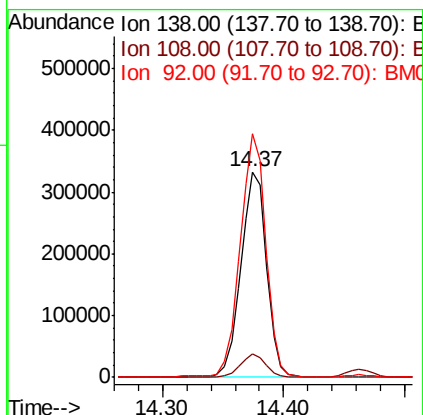
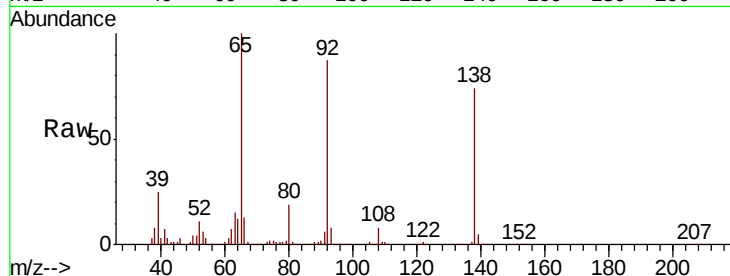




#53
3-Nitroaniline
Concen: 29.647 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

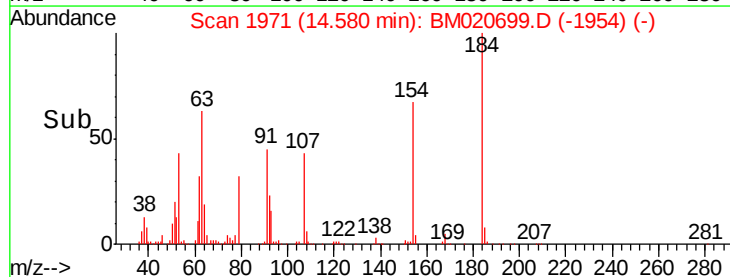
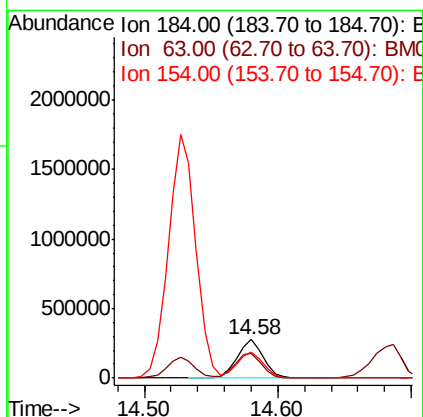
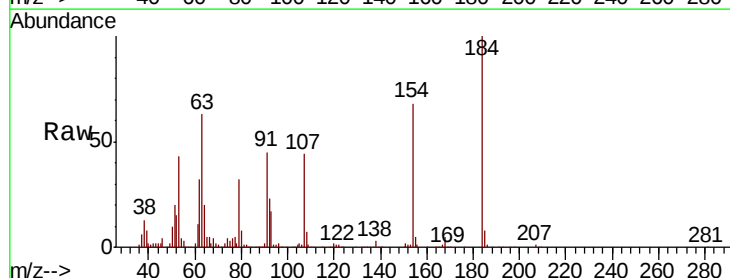
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

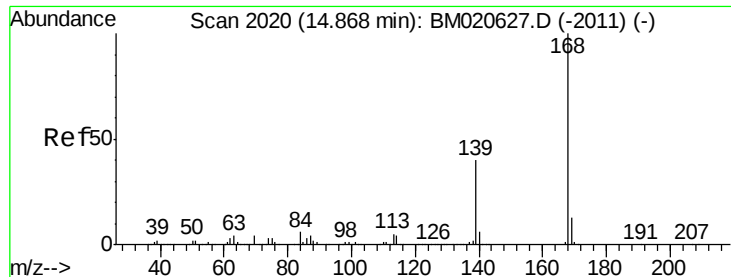
Tot Ion:138 Resp: 494275
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 118.5 99.6 149.4



#54
2,4-Dinitrophenol
Concen: 60.182 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:184 Resp: 374012
Ion Ratio Lower Upper
184 100
63 62.7 59.3 88.9
154 67.5 56.5 84.7

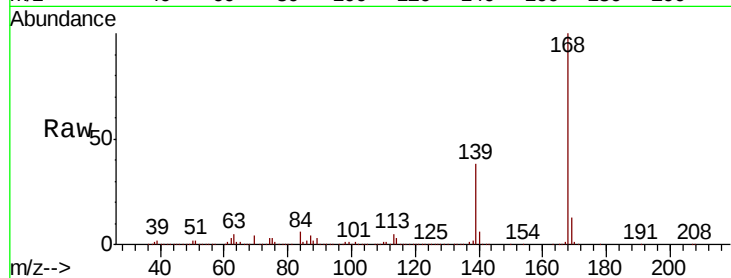




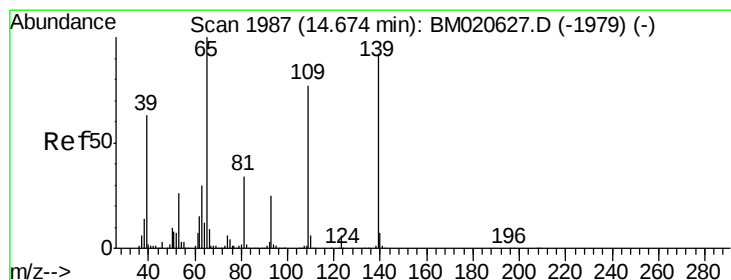
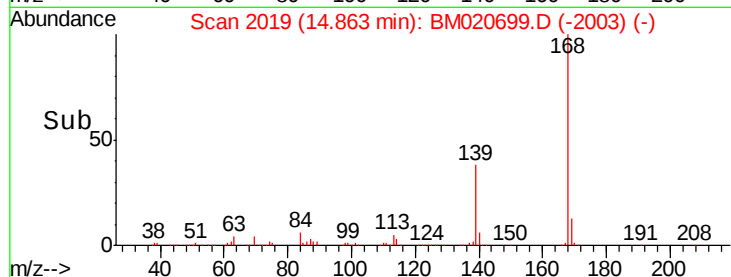
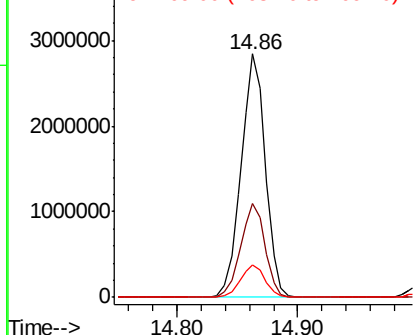
#55
Dibenzofuran
Concen: 47.283 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:168 Resp: 3963036
Ion Ratio Lower Upper
168 100
139 38.3 31.9 47.9
169 13.3 10.7 16.1

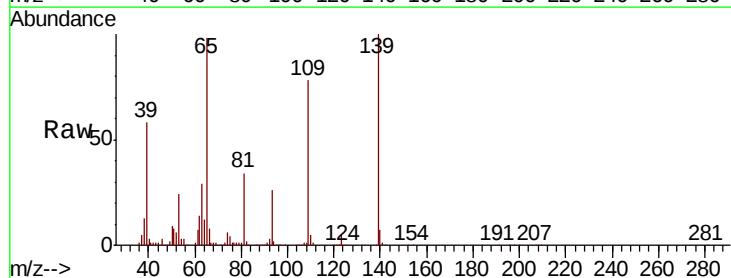


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

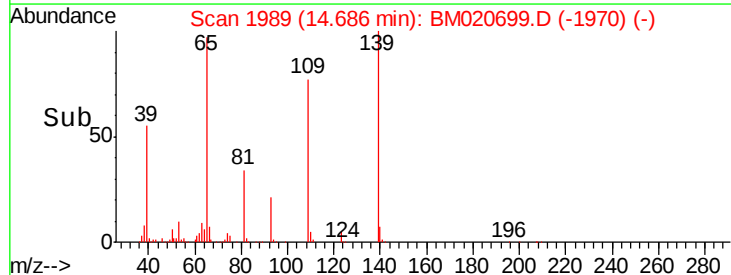
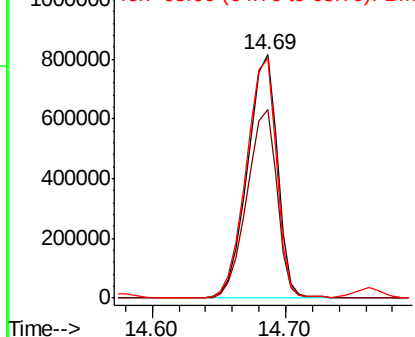


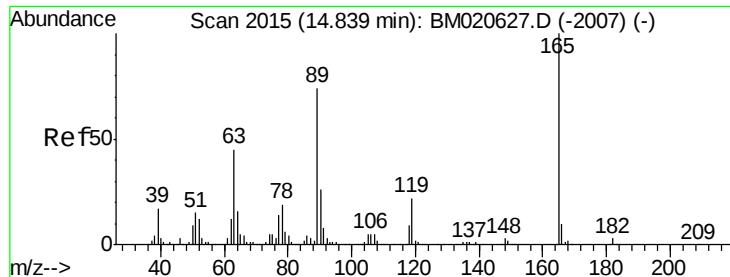
#56
4-Nitrophenol
Concen: 102.003 ng
RT: 14.69 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:139 Resp: 1253167
Ion Ratio Lower Upper
139 100
109 77.6 62.7 102.7
65 98.3 88.3 128.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

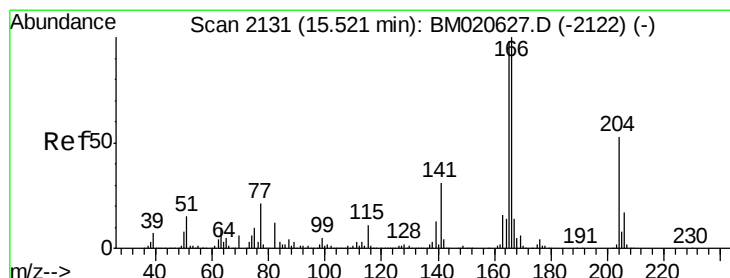
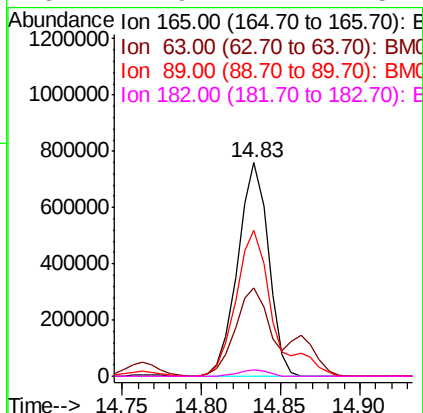
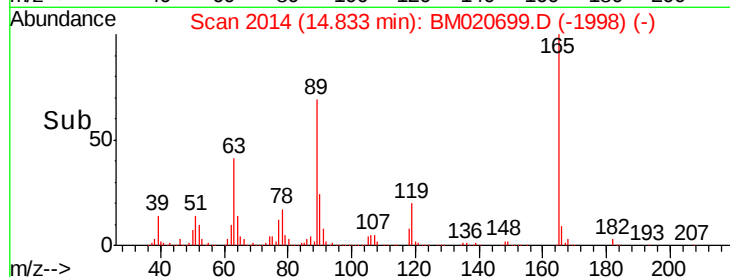
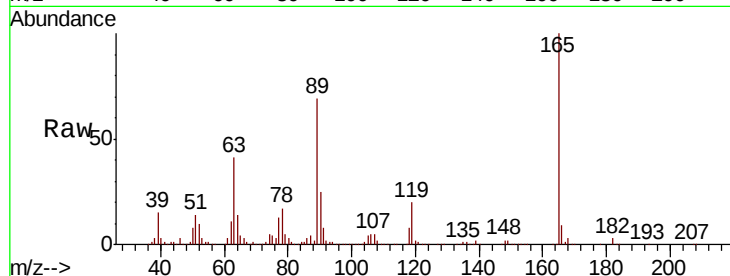




#57
2,4-Dinitrotoluene
Concen: 51.394 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

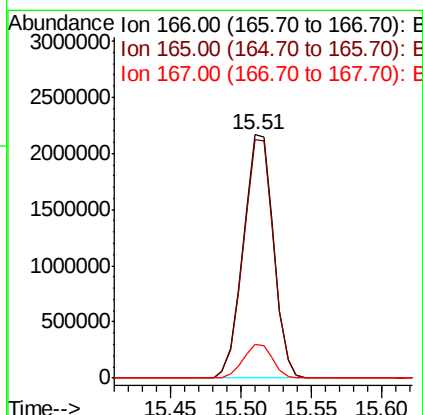
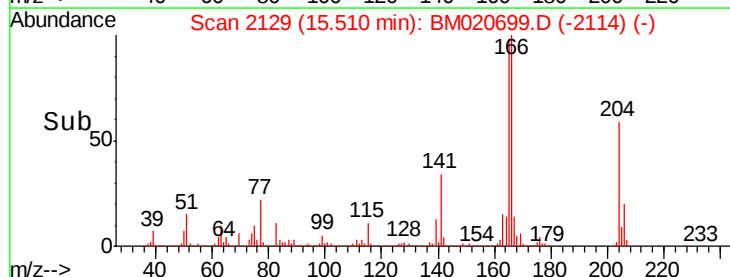
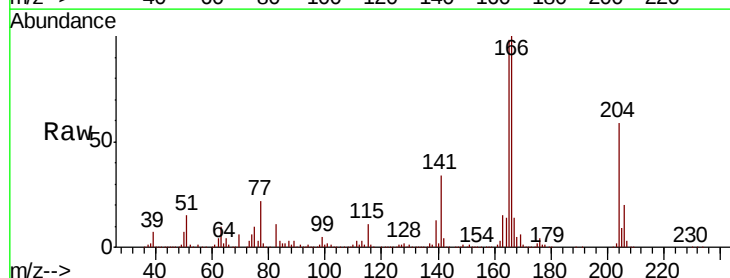
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

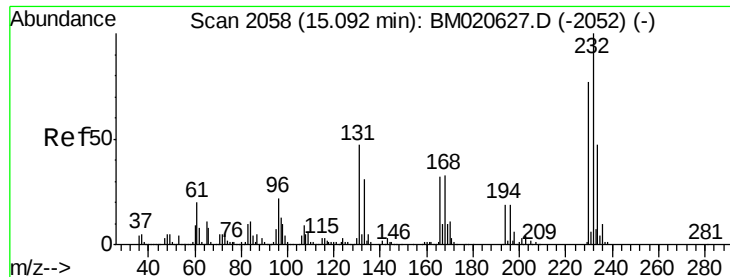
Tot Ion:165 Resp: 1027860
Ion Ratio Lower Upper
165 100
63 41.2 36.3 54.5
89 68.6 59.0 88.6
182 2.9 2.2 3.4



#58
Fluorene
Concen: 47.028 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:166 Resp: 3241486
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.7 11.0 16.4

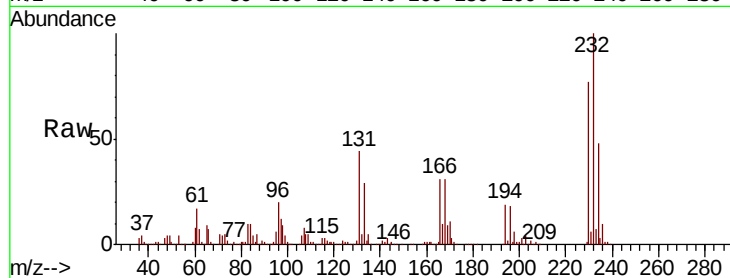




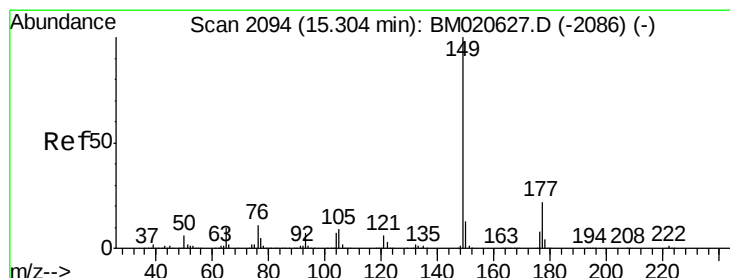
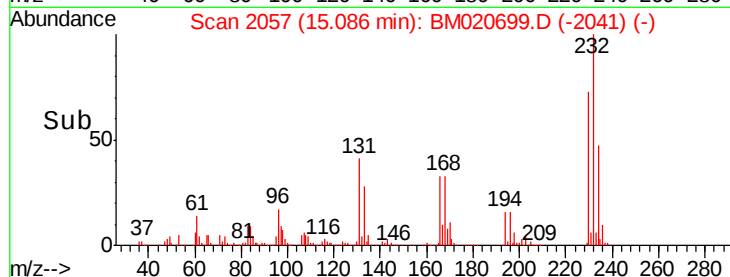
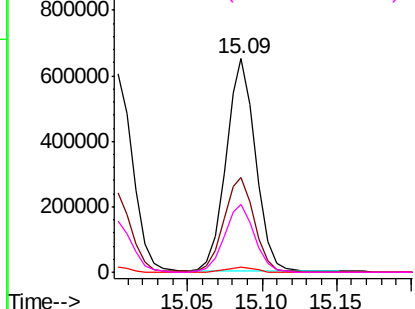
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.774 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion:	232	Resp:	894947
Ion	Ratio	Lower	Upper
232	100		
131	45.9	38.6	57.8
130	2.6	2.2	3.2
166	32.3	26.6	39.8

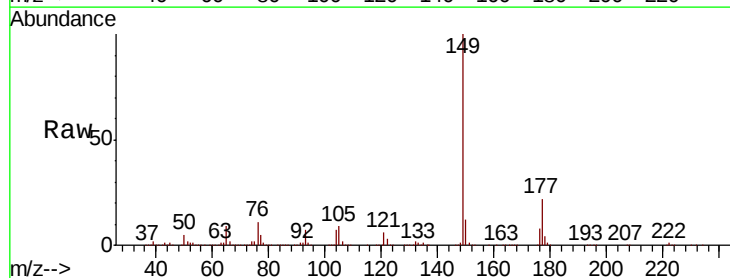


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

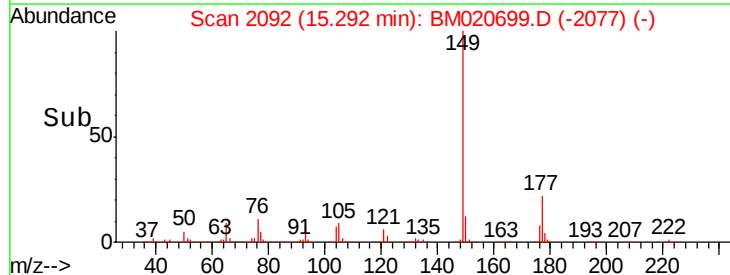
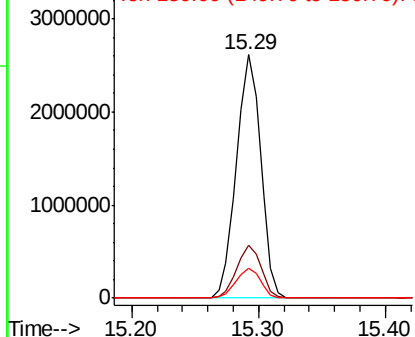


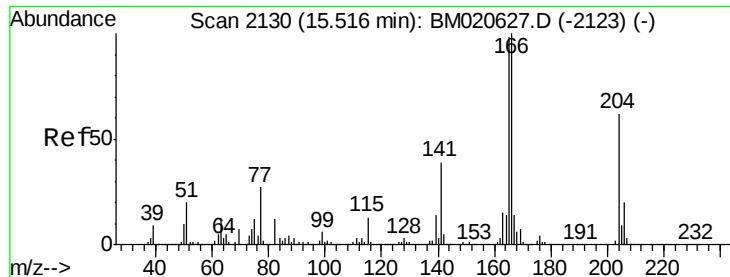
#60
 Diethylphthalate
 Concen: 45.729 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:	149	Resp:	3469326
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.3	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

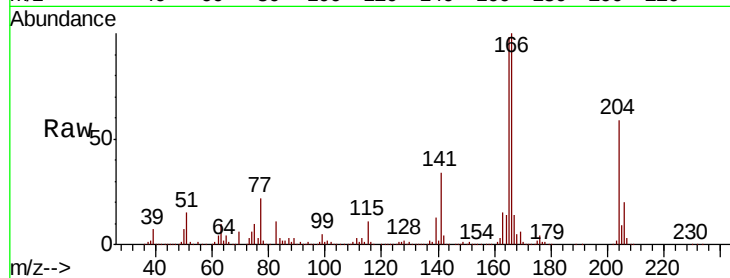




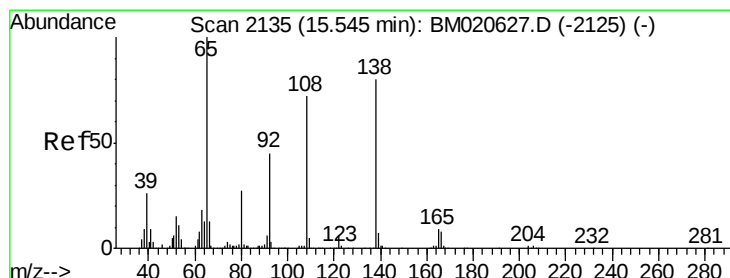
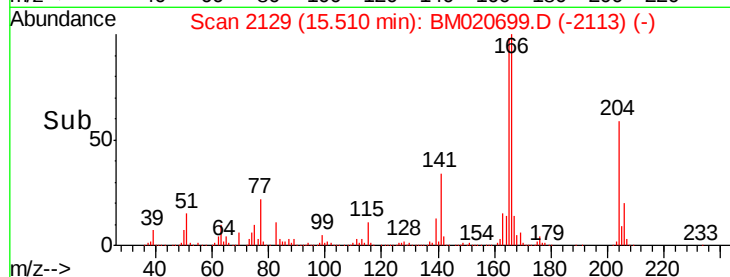
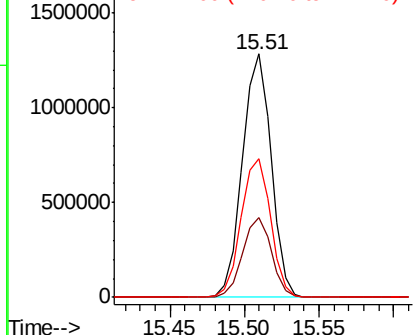
#61
4-Chlorophenyl-phenylether
Concen: 46.827 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:204 Resp: 1708933
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 57.1 50.2 75.4

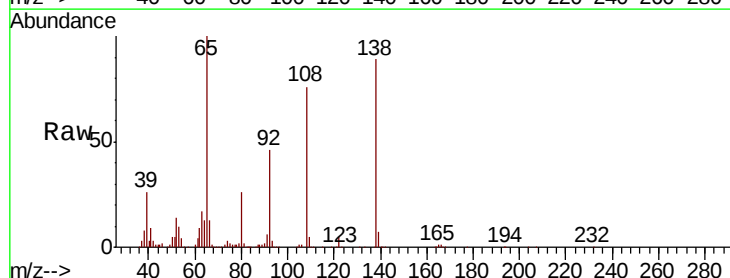


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

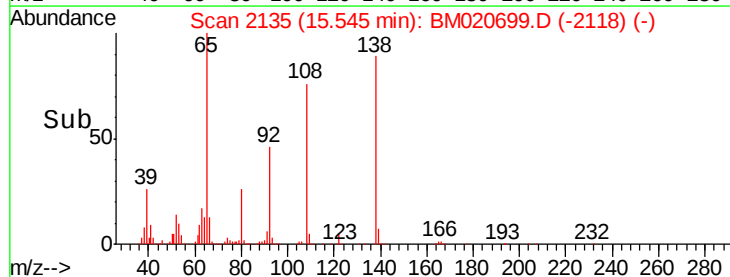
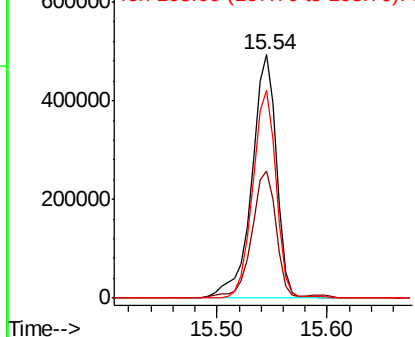


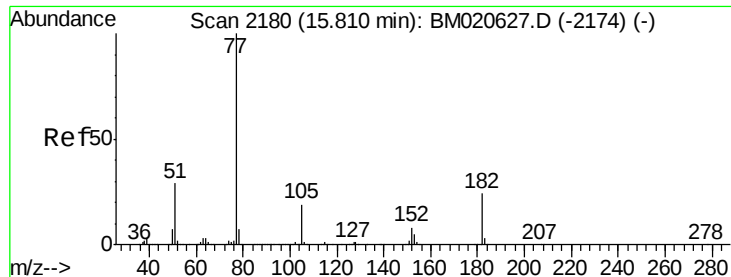
#62
4-Nitroaniline
Concen: 43.928 ng
RT: 15.54 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:138 Resp: 776716
Ion Ratio Lower Upper
138 100
92 52.3 36.7 76.7
108 85.4 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: 44.592 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

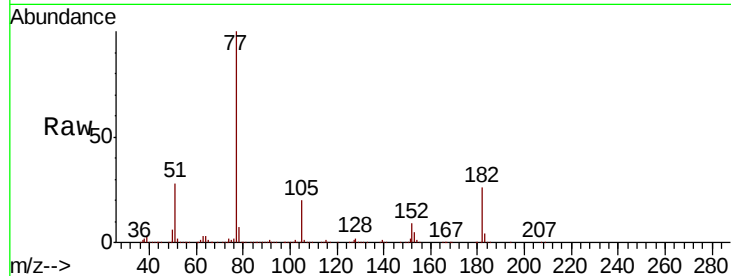
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion: 77 Resp: 3243415

Ion	Ratio	Lower	Upper
77	100		
182	26.4	3.6	43.6
105	20.4	0.0	39.4
51	27.7	9.5	49.5

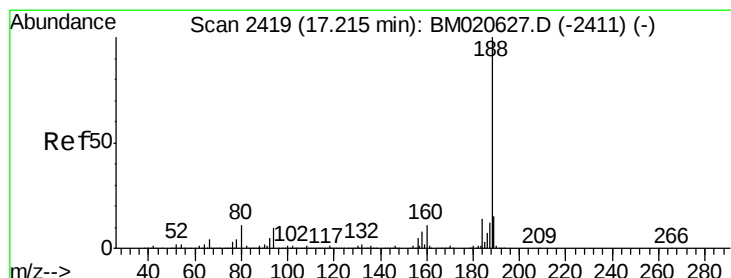
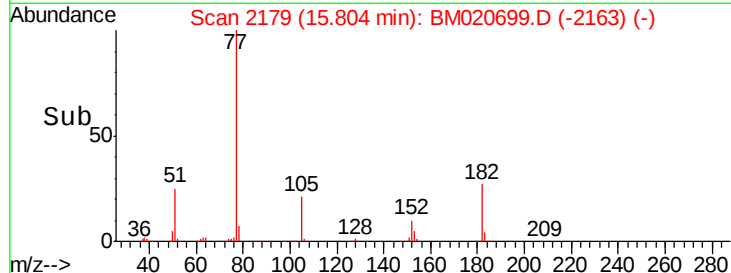
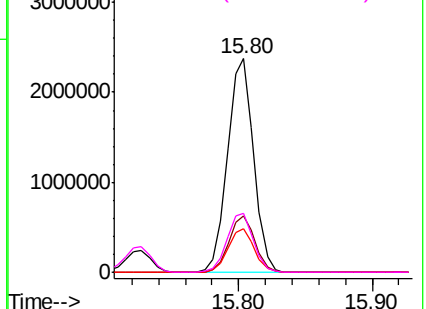


Abundance Ion 77.00 (76.70 to 77.70): BM020699.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020699.D (-2163) (-)

Ion 105.00 (104.70 to 105.70): BM020699.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020699.D (-2163) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

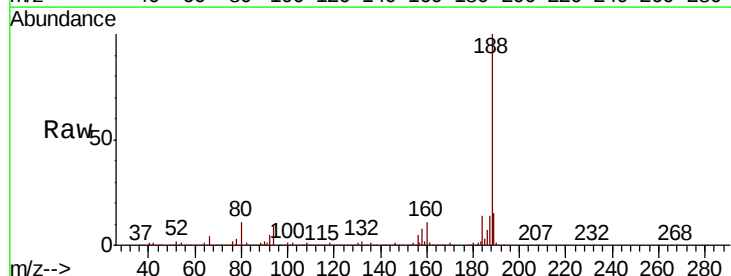
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion: 188 Resp: 1926430

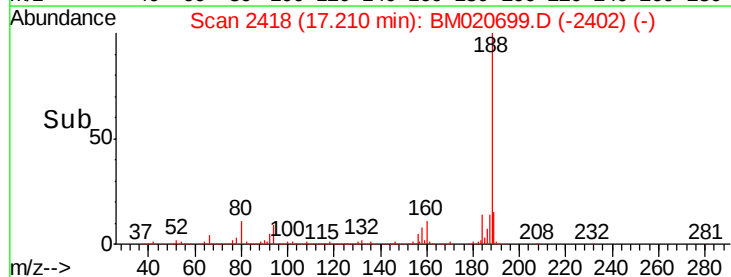
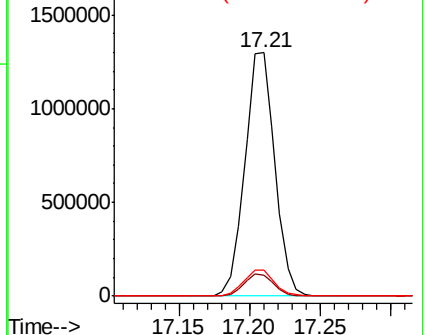
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.8
80	10.6	9.0	13.6

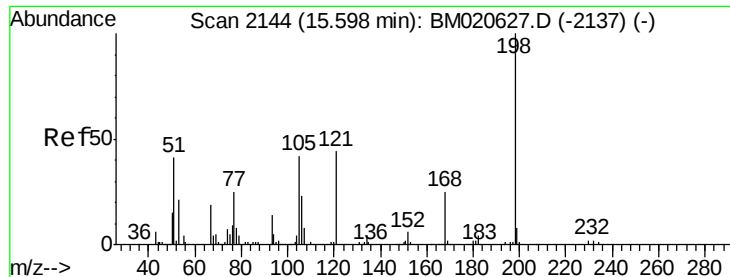


Abundance Ion 188.00 (187.70 to 188.70): BM020699.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020699.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020699.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.013 ng

RT: 15.59 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

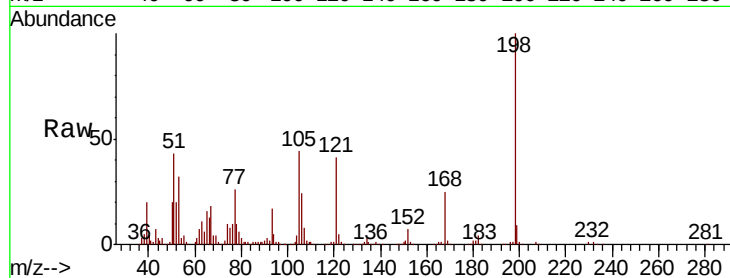
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:198 Resp: 377940

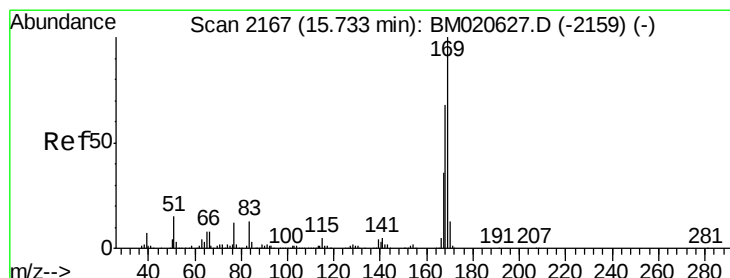
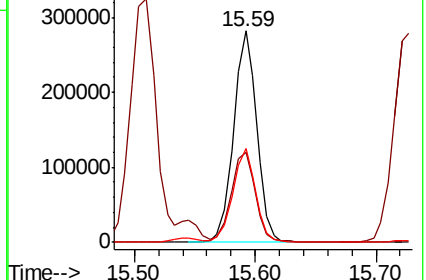
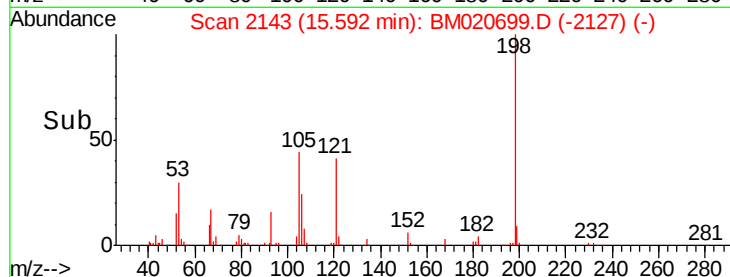
Ion	Ratio	Lower	Upper
198	100		
51	42.7	27.7	67.7
105	44.4	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.749 ng

RT: 15.73 min Scan# 2166

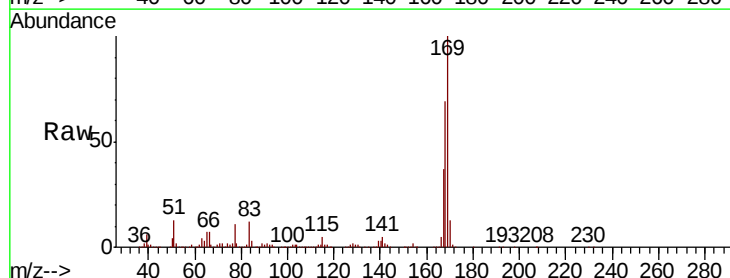
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:169 Resp: 2883002

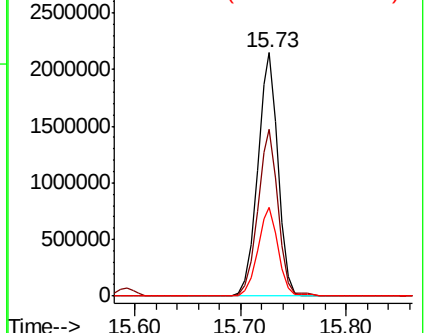
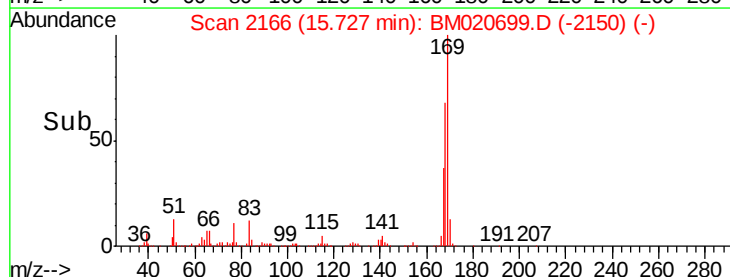
Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.2	81.4
167	36.7	29.1	43.7

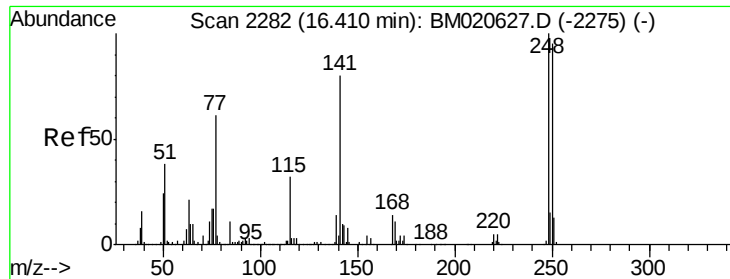


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

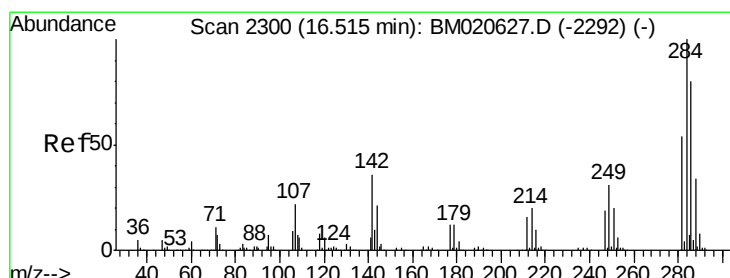
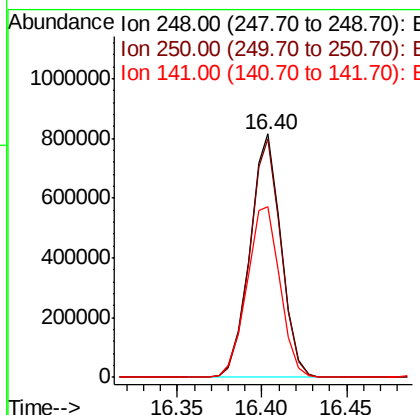
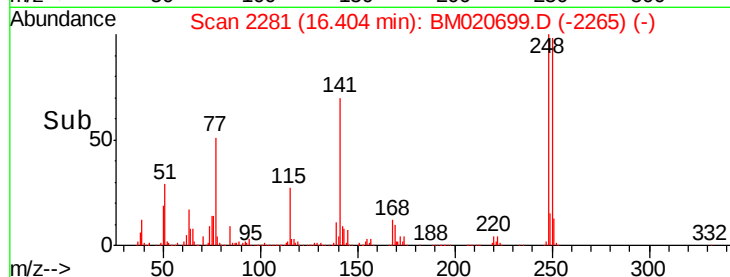
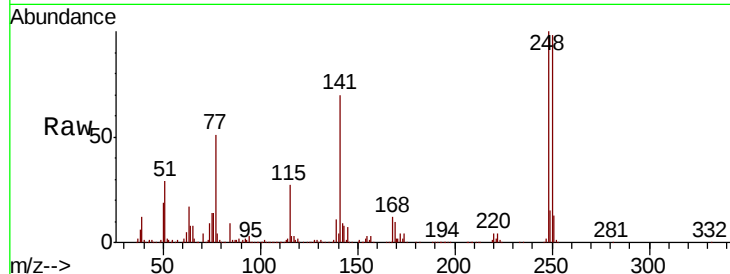




#67
4-Bromophenyl-phenylether
Concen: 45.960 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

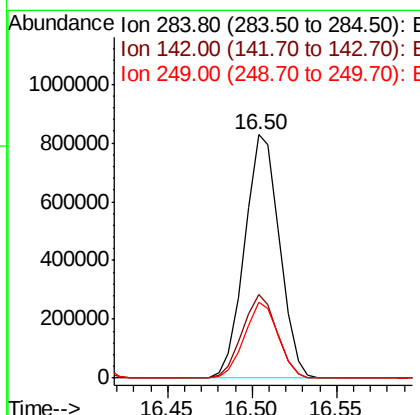
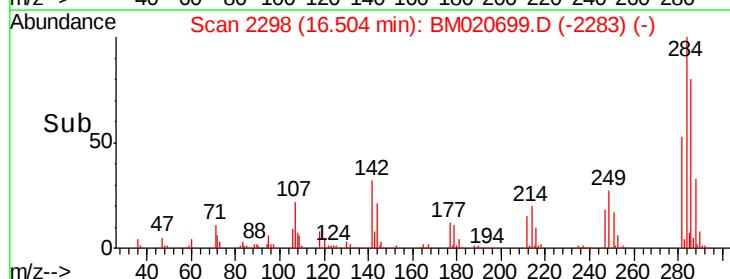
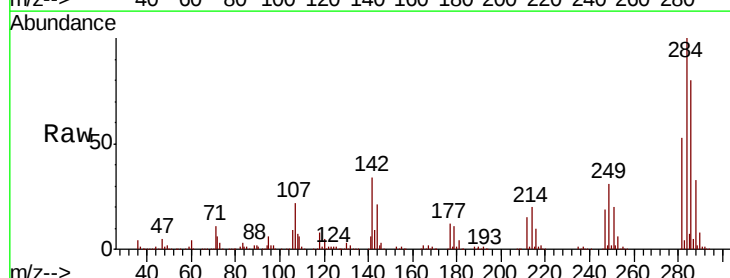
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

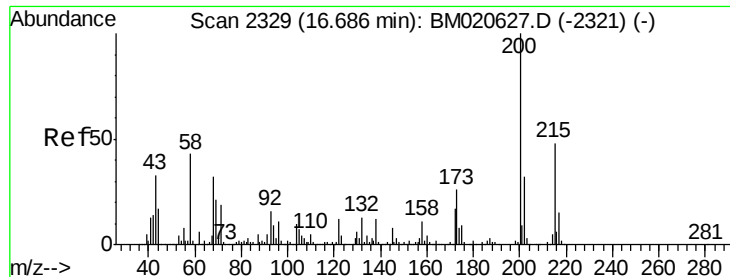
Tot Ion:248 Resp: 1042444
Ion Ratio Lower Upper
248 100
250 97.9 76.3 114.5
141 70.1 64.2 96.2



#68
Hexachlorobenzene
Concen: 44.942 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:284 Resp: 1190326
Ion Ratio Lower Upper
284 100
142 34.1 28.6 42.8
249 31.1 25.0 37.4

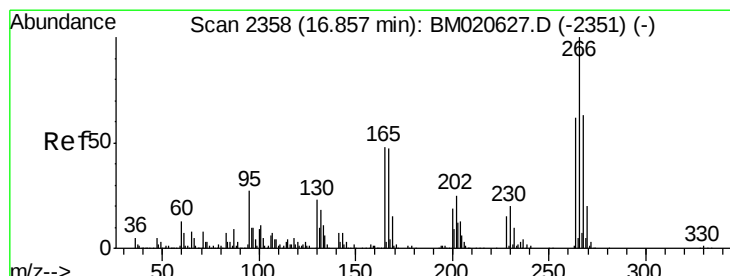
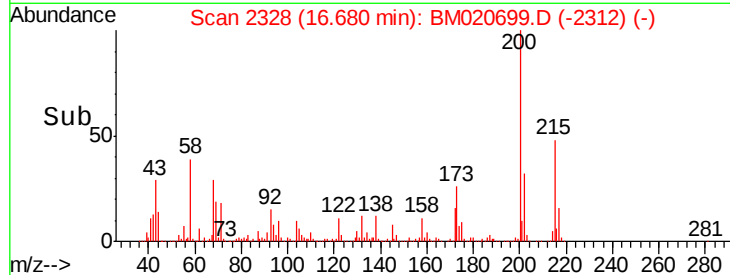
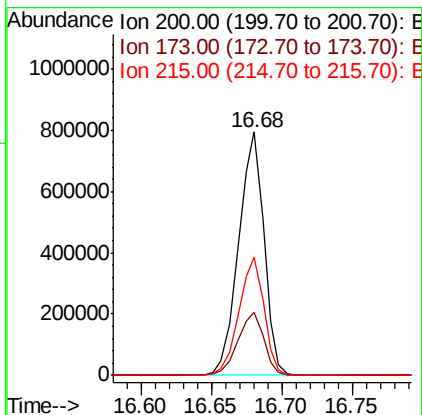
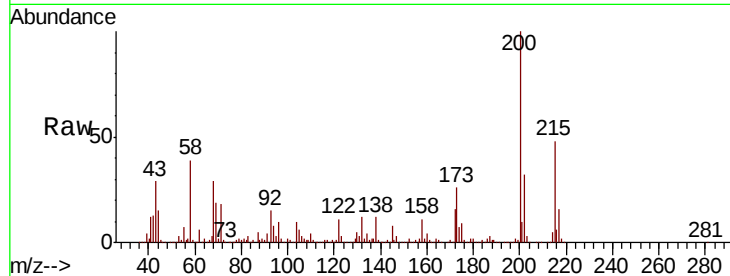




#69
 Atrazine
 Concen: 54.072 ng
 RT: 16.68 min Scan# 2328
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

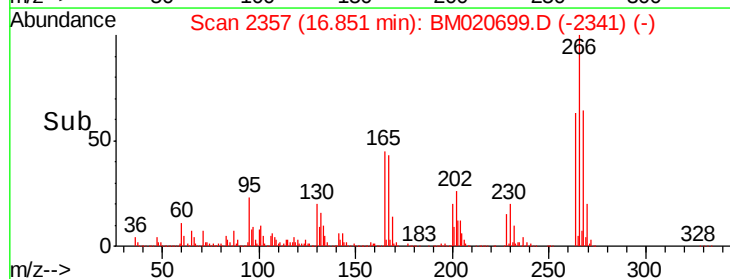
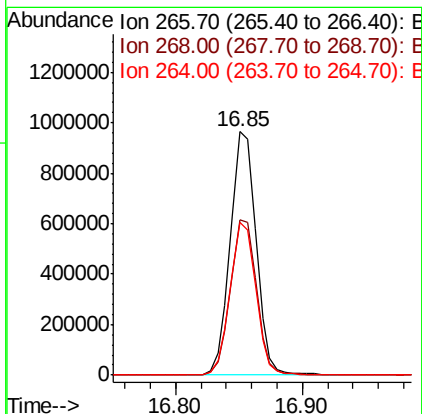
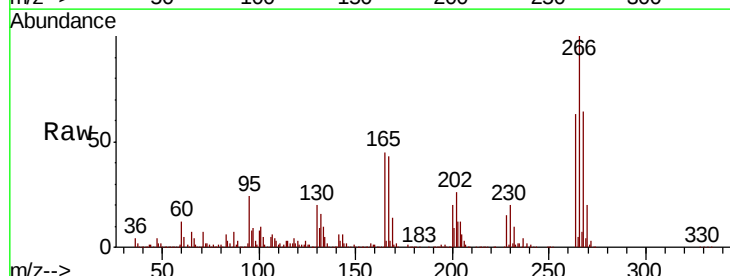
Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

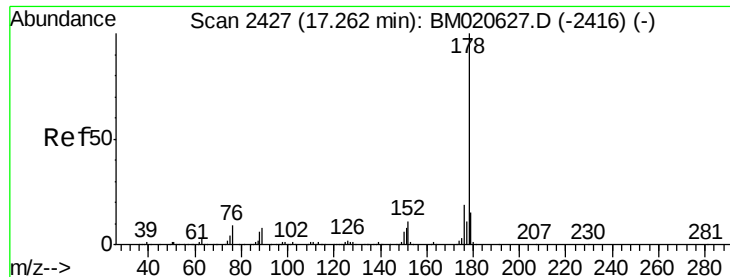
Tot Ion:	200	Resp:	995225
Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.2	46.2
215	48.4	27.7	67.7



#70
 Pentachlorophenol
 Concen: 108.080 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:	266	Resp:	1365626
Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	75.8
264	62.7	49.6	74.4

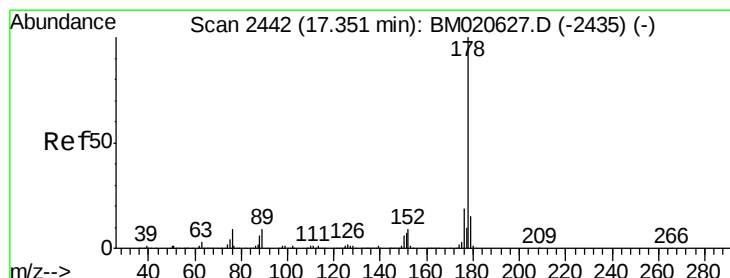
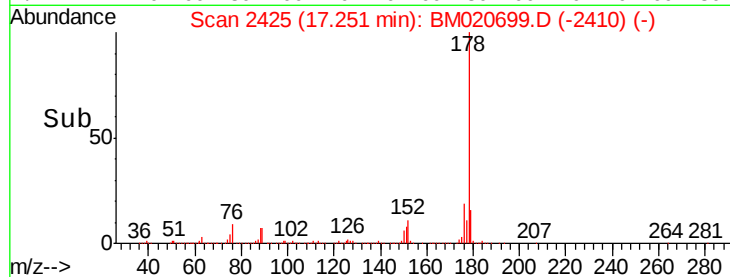
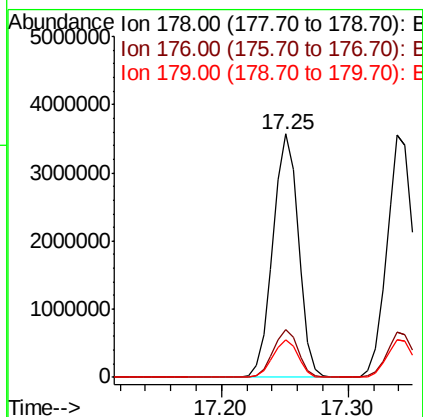
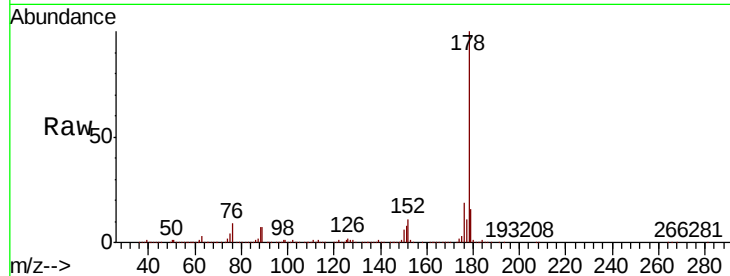




#71
Phenanthrene
Concen: 45.696 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

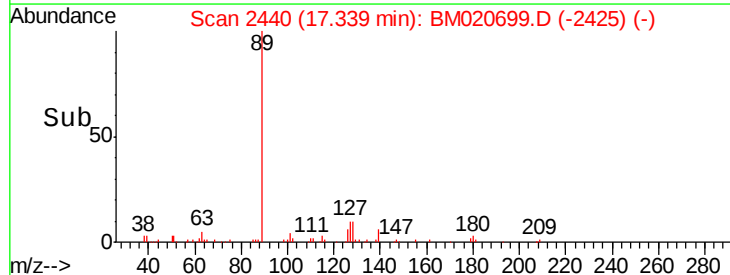
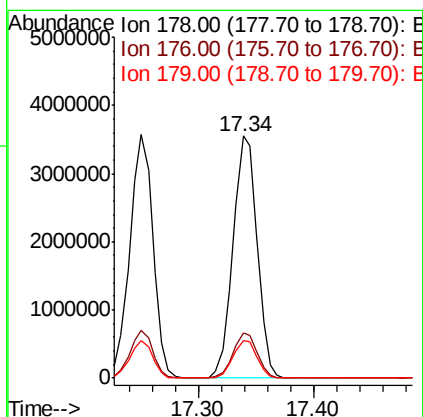
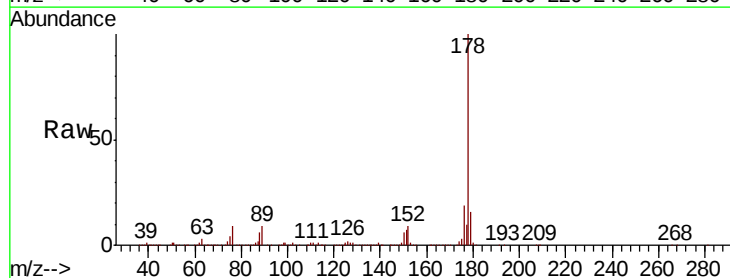
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

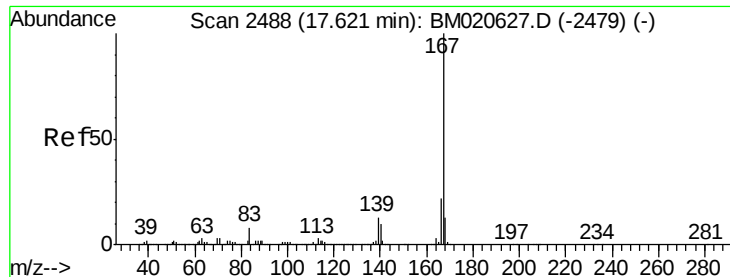
Tot Ion:178 Resp: 4989890
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 46.821 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:178 Resp: 5117193
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.3 18.5





#73

Carbazole

Concen: 45.436 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

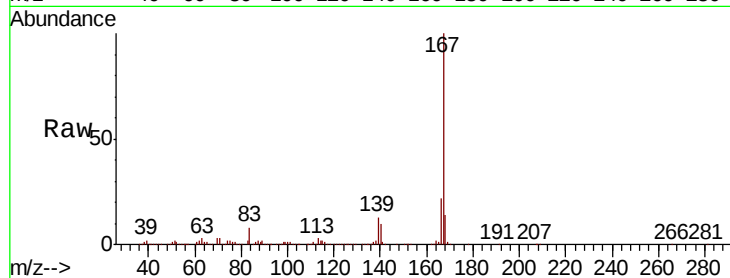
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:167 Resp: 4506259

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.1	10.6	15.8

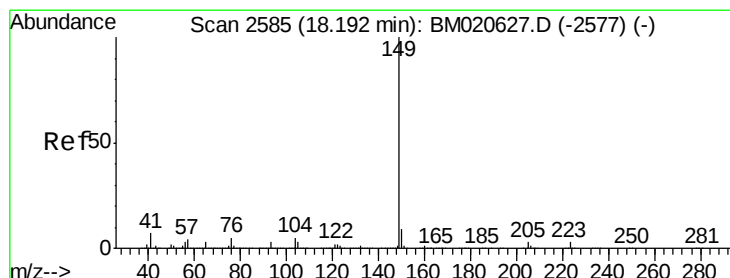
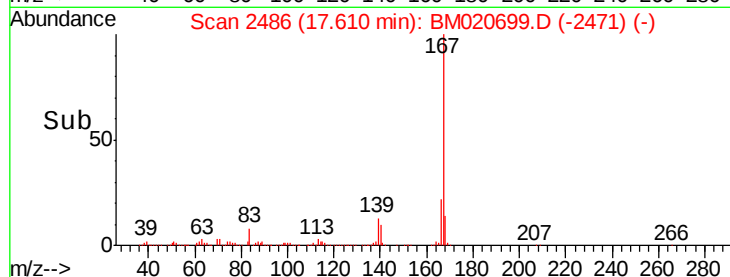
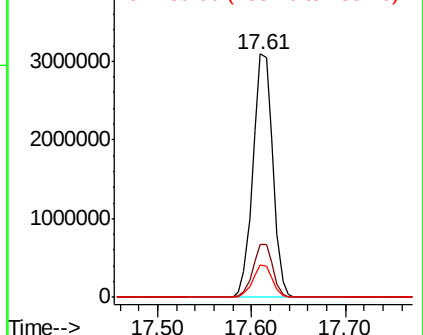


Abundance

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: 46.272 ng

RT: 18.17 min Scan# 2582

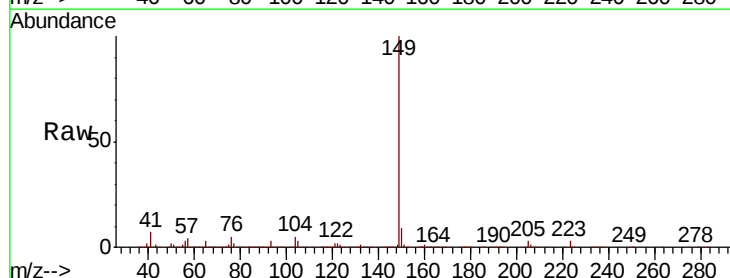
Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:149 Resp: 5957372

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.1	4.2	6.2

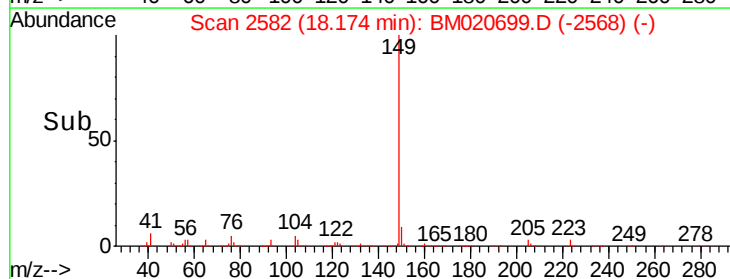
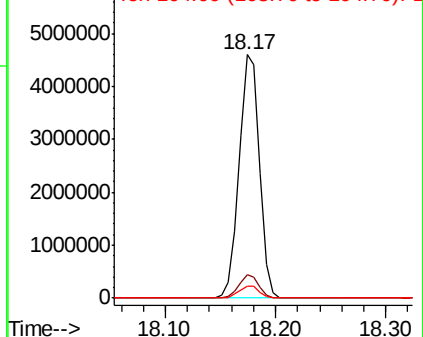


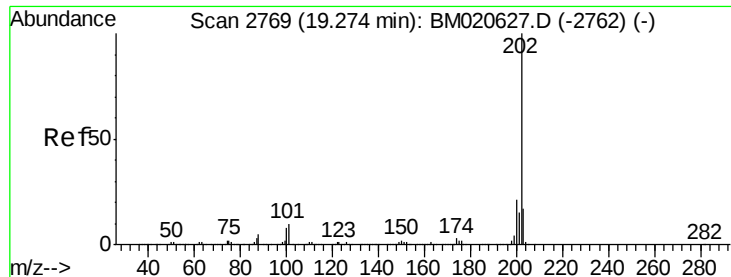
Abundance

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: 44.667 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

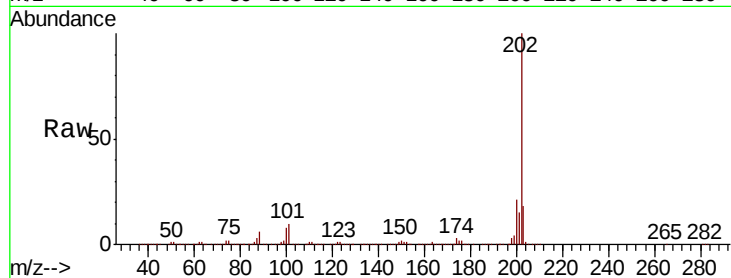
Tot Ion:202 Resp: 5424161

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.4

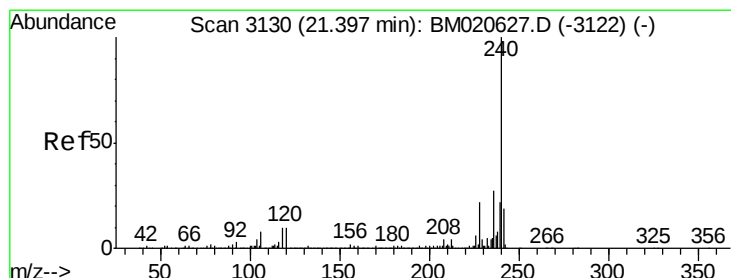
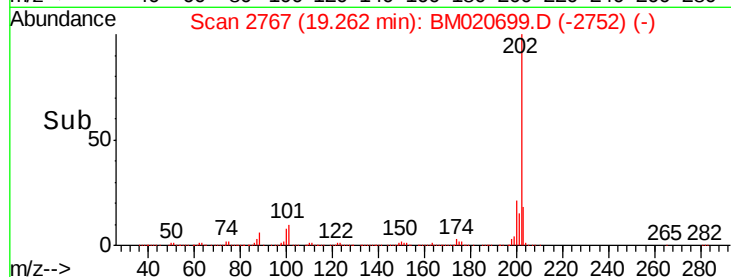
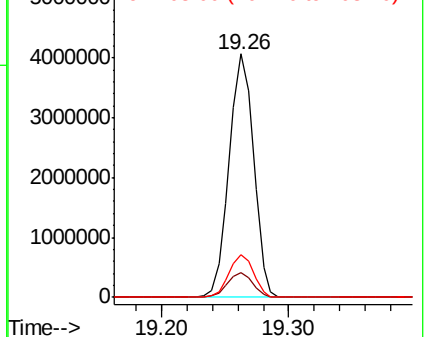
203 17.7 0.0 37.3



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: BM020699.D

Acq: 04 Jun 2019 10:42

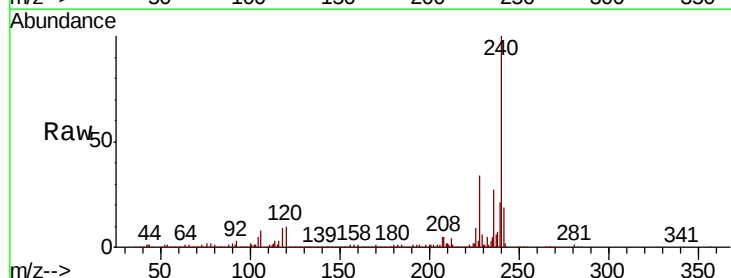
Tgt Ion:240 Resp: 1446411

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

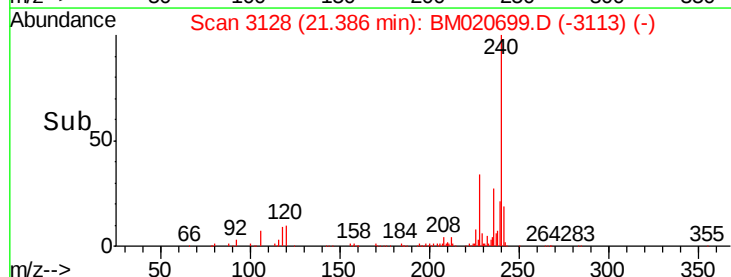
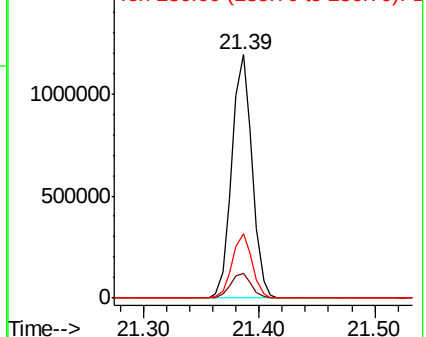
236 26.6 21.2 31.8

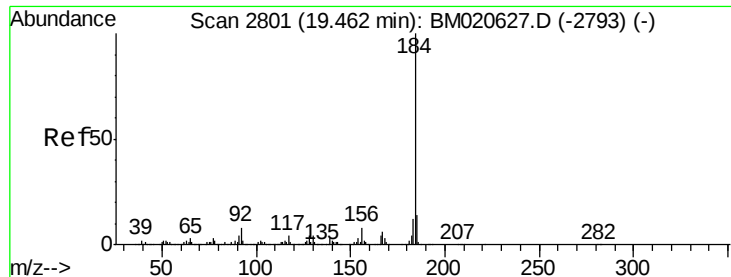


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.728 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

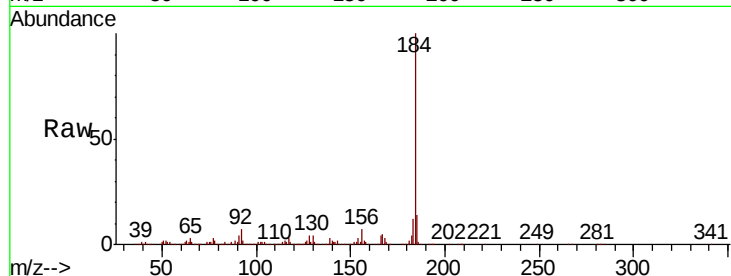
BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:184 Resp: 2486248

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.0	9.8	14.6

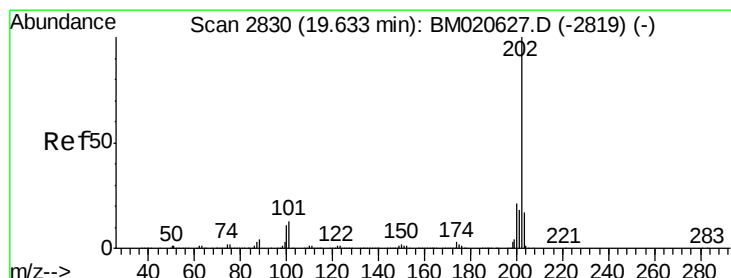
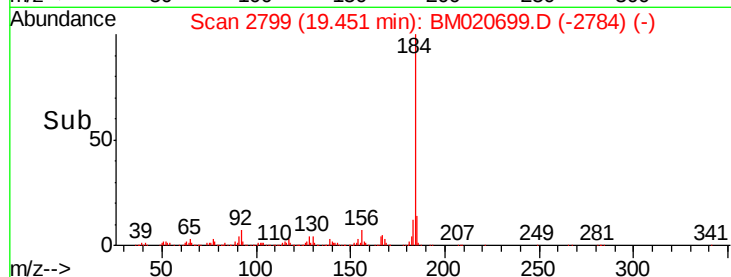
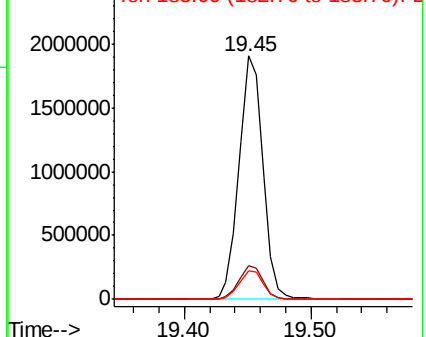


Abundance

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: 48.320 ng

RT: 19.63 min Scan# 2829

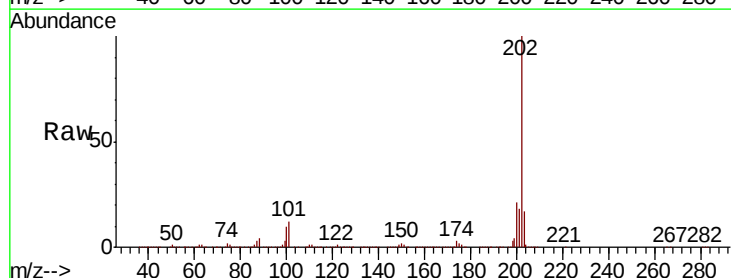
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:202 Resp: 5363350

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.5	13.9	20.9

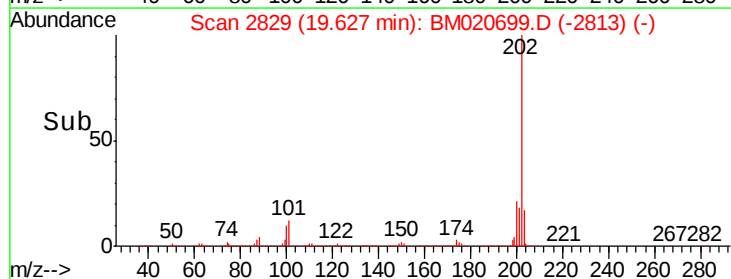
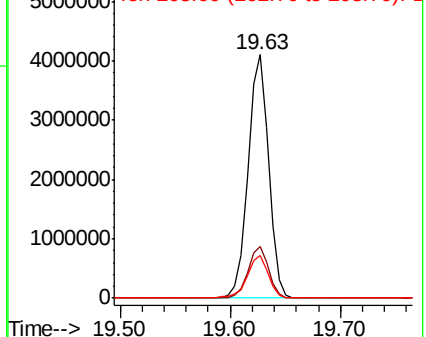


Abundance

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

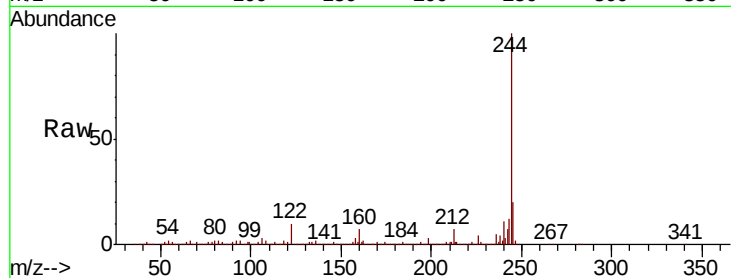




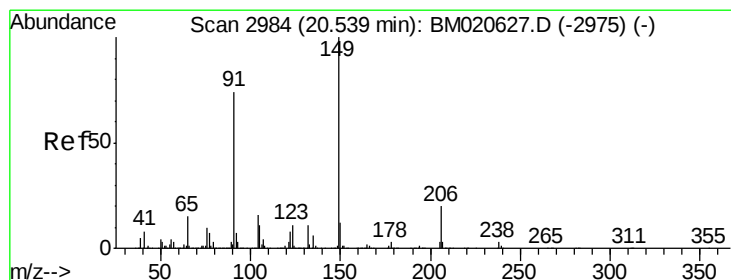
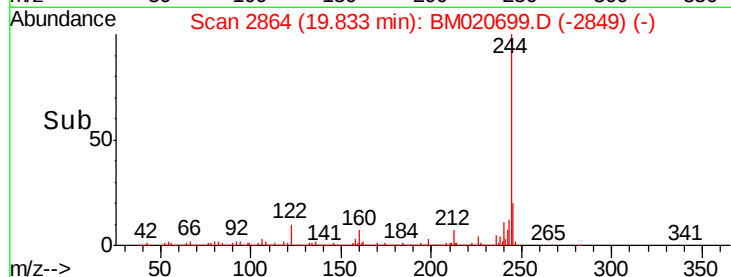
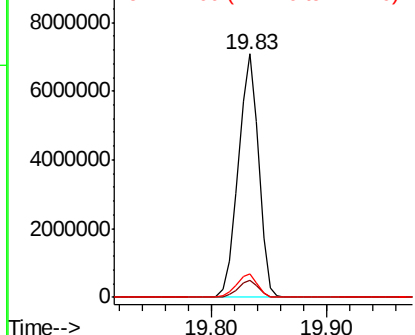
#79
 Terphenyl-d14
 Concen: 99.342 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion:244 Resp: 8590523
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.5 7.2 10.8

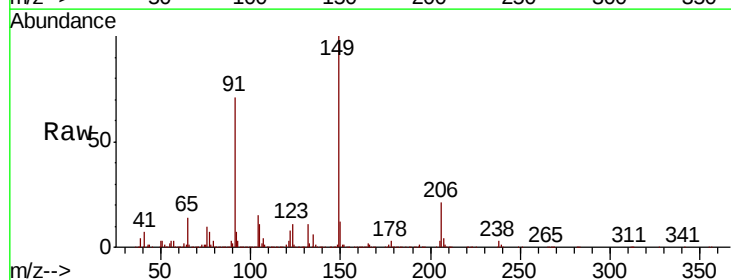


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

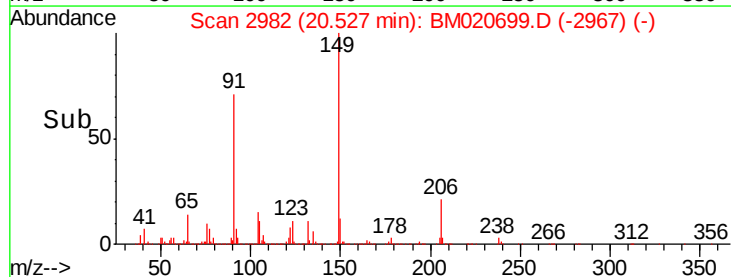
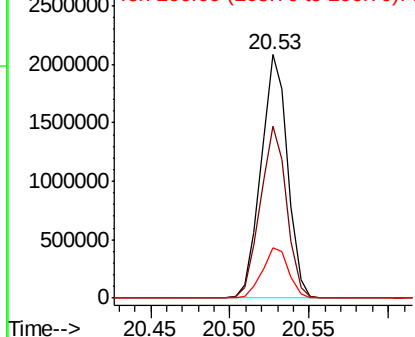


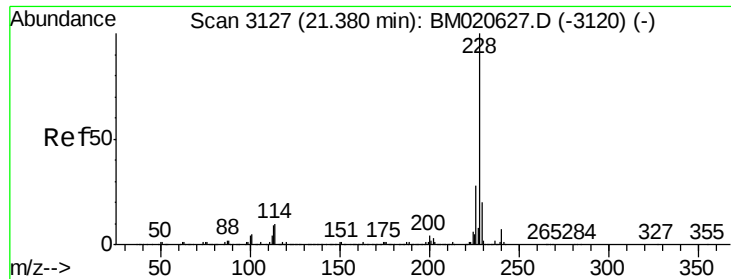
#80
 Butylbenzylphthalate
 Concen: 52.005 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:149 Resp: 2439383
 Ion Ratio Lower Upper
 149 100
 91 70.6 59.6 89.4
 206 20.7 15.7 23.5



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

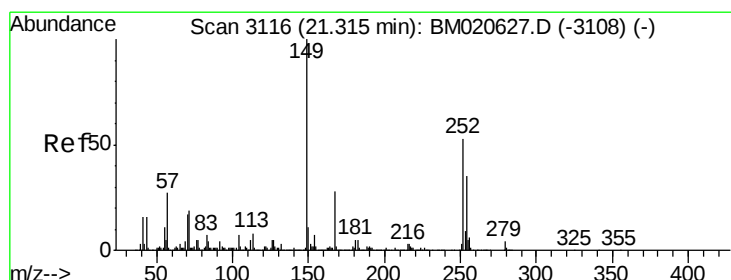
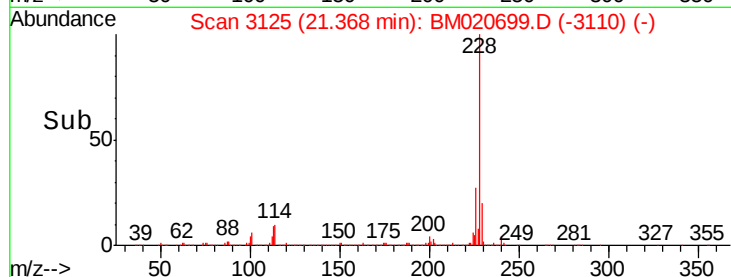
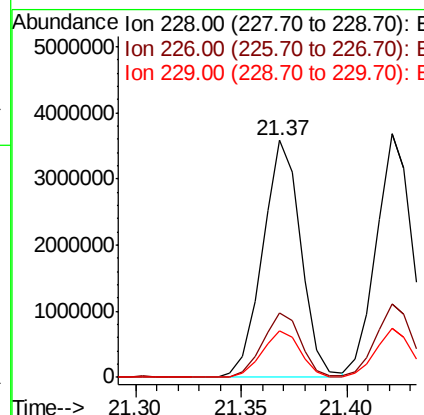
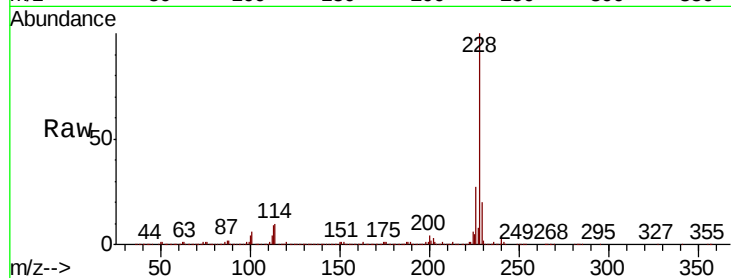




#81
Benzo(a)anthracene
Concen: 44.708 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

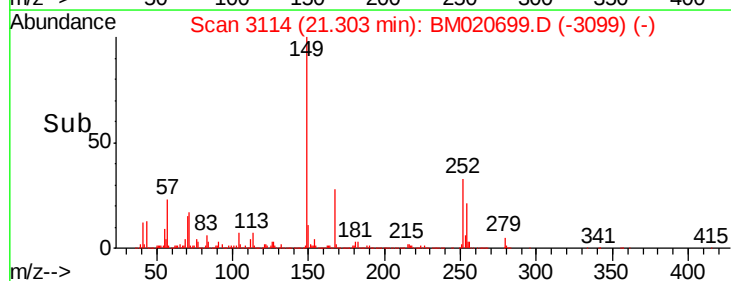
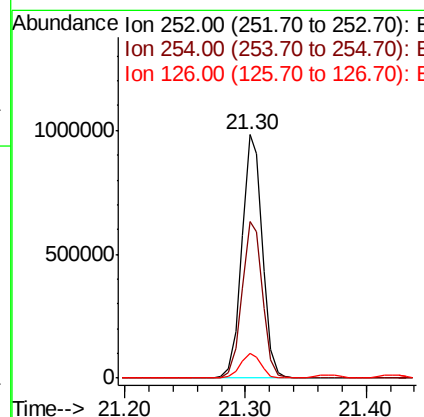
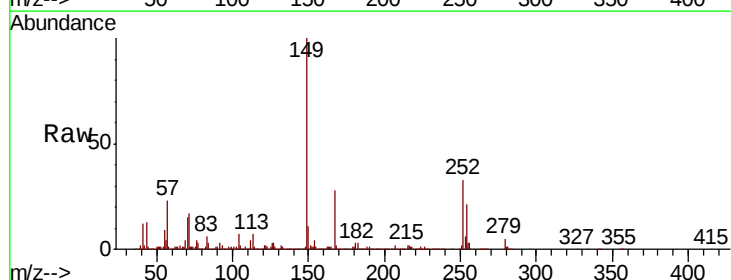
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

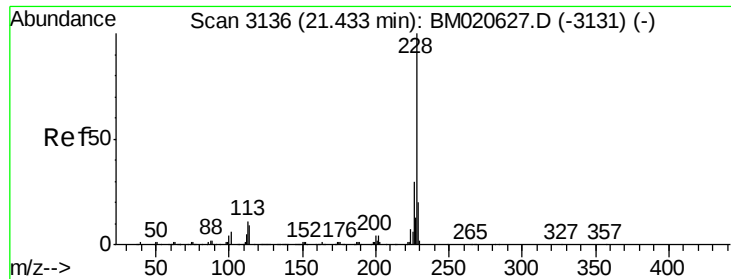
Tot Ion:228 Resp: 4503291
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 31.366 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:252 Resp: 1156944
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 10.0 8.0 12.0





#83

Chrysene

Concen: 45.580 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

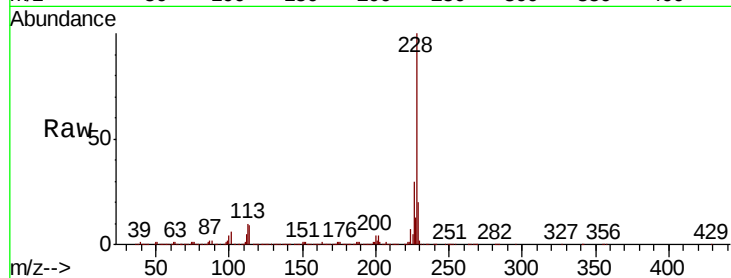
Tot Ion:228 Resp: 4364102

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

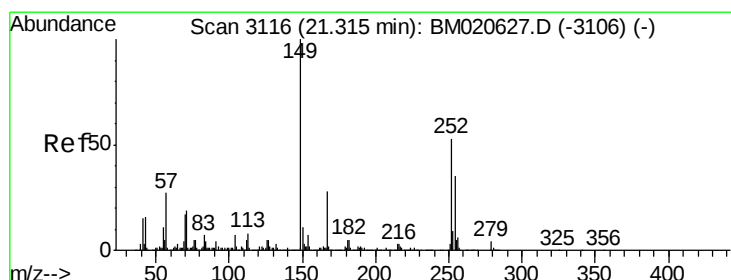
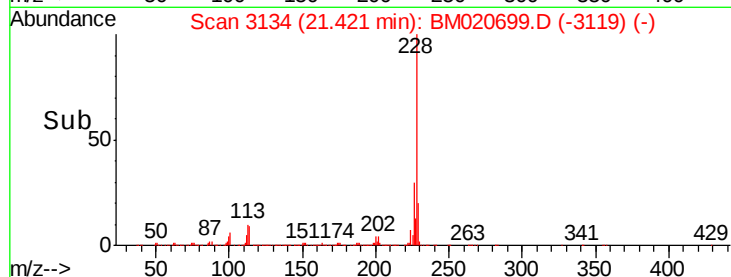
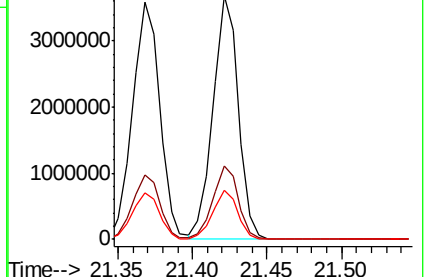
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

5000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.498 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

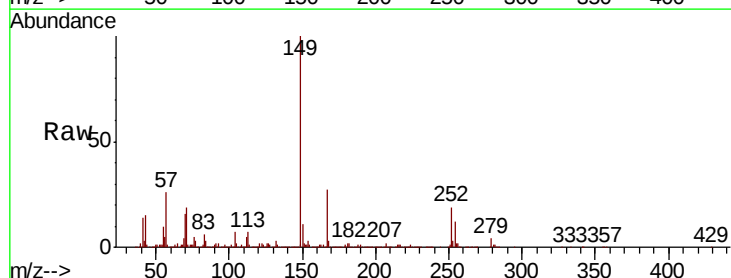
Tgt Ion:149 Resp: 3510796

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

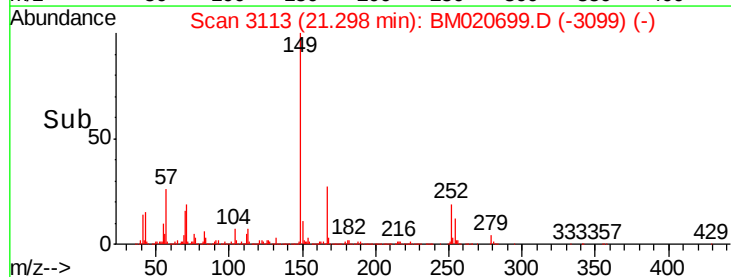
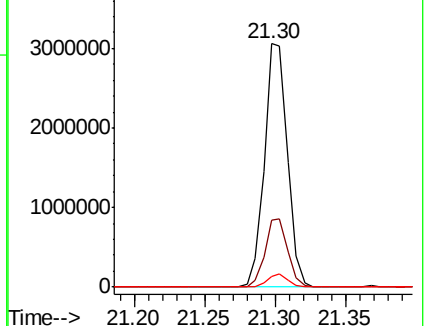
279 4.3 3.4 5.0

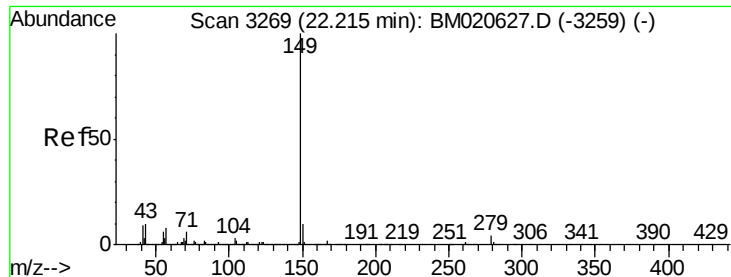


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.818 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

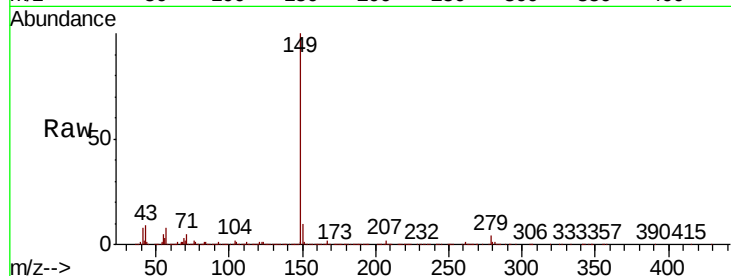
Tot Ion:149 Resp: 5500259

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

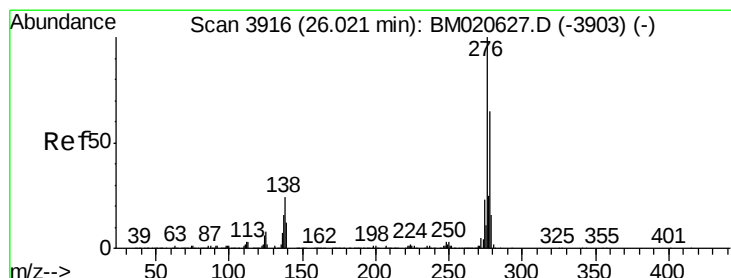
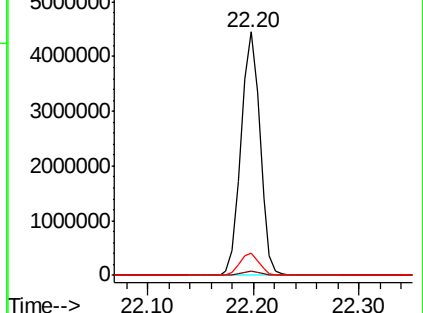
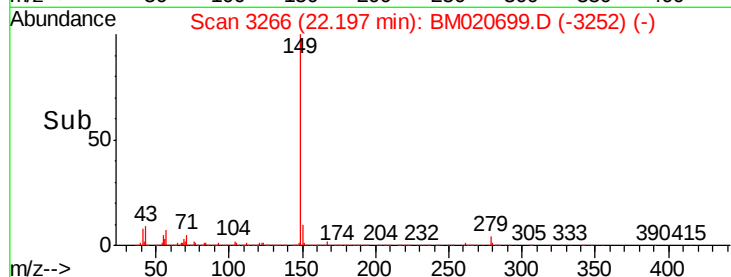
43 9.3 8.2 12.4



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: 51.499 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

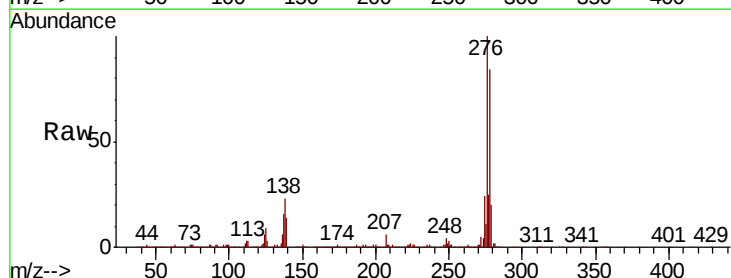
Tgt Ion:276 Resp: 5044513

Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.8

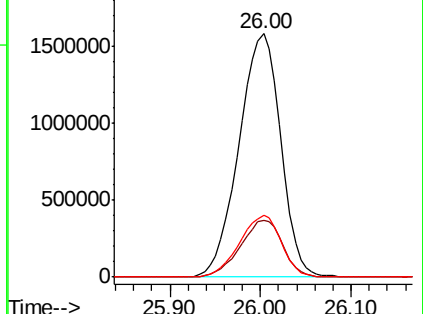
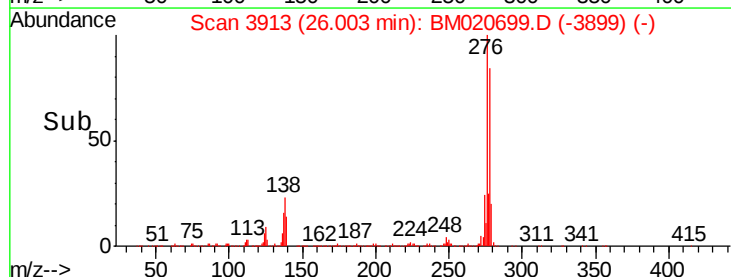
277 25.3 20.2 30.4

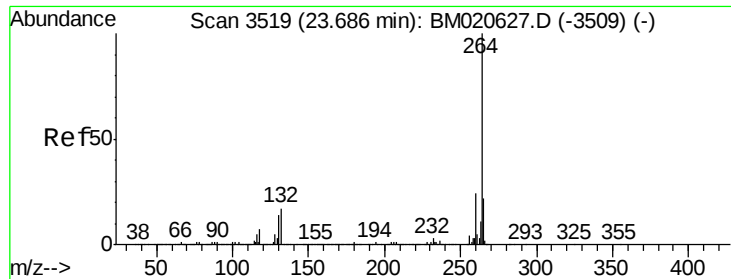


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

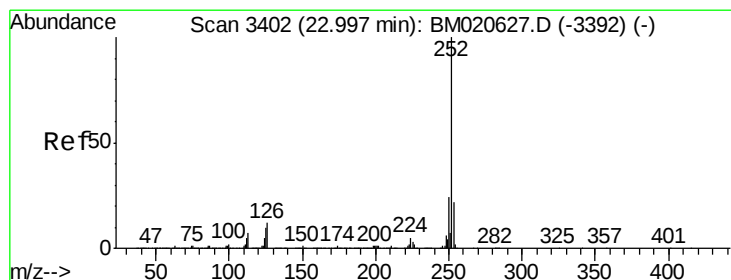
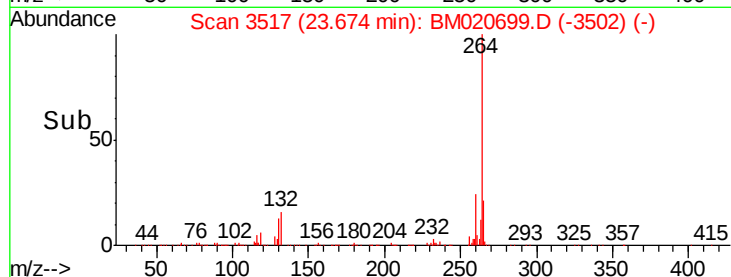
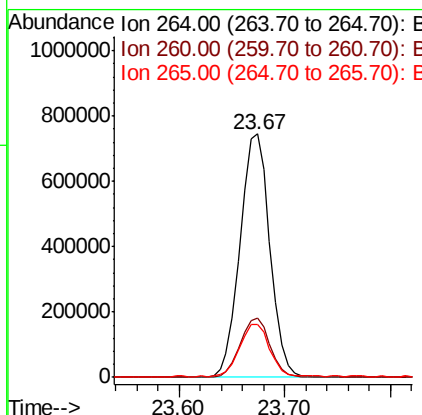
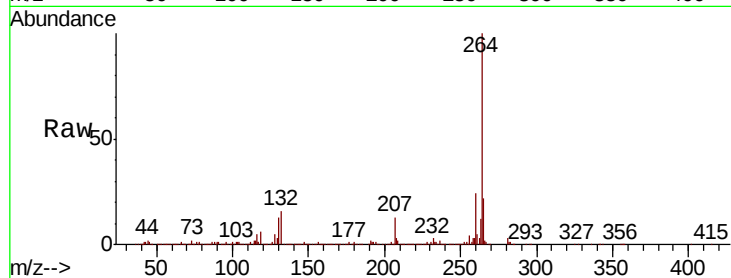




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

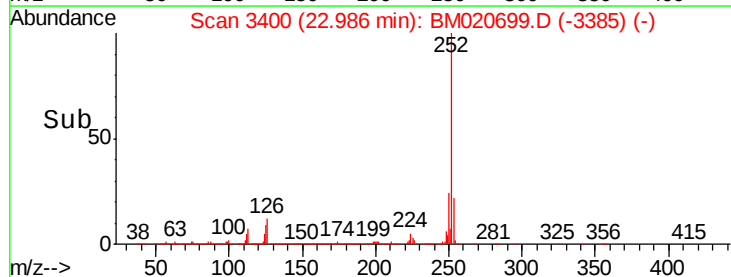
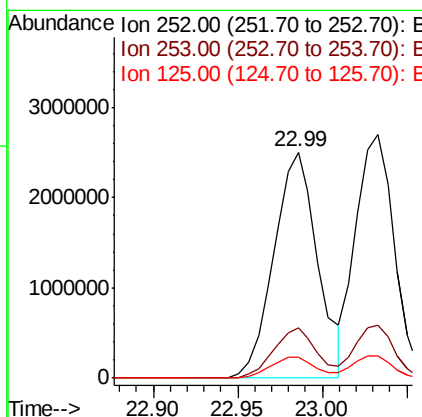
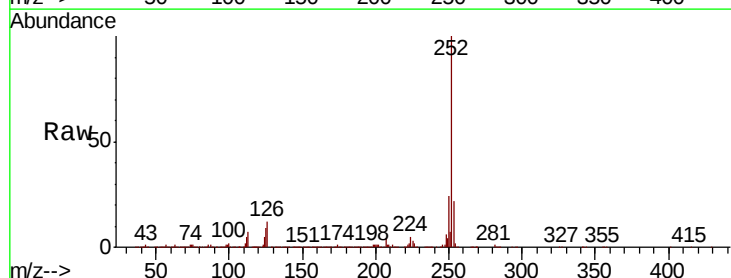
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

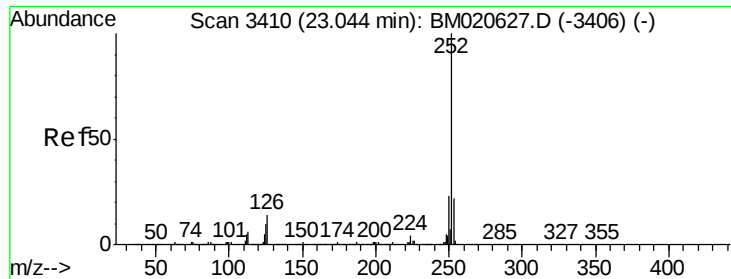
Tot Ion:264 Resp: 1458551
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 46.667 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:252 Resp: 4498822
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.3 7.8 11.8

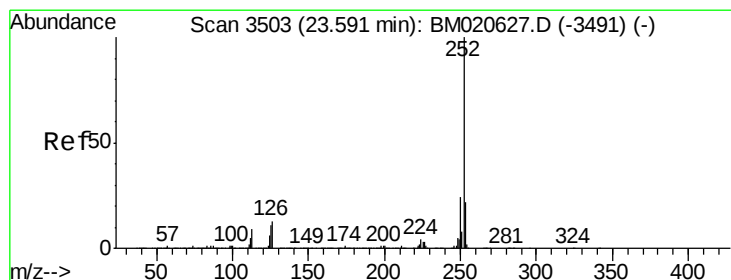
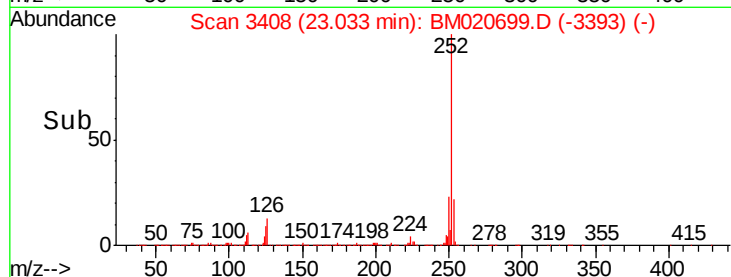
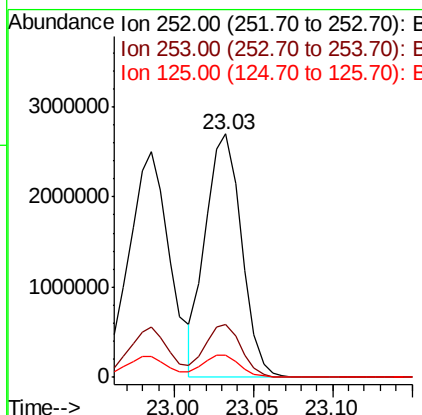
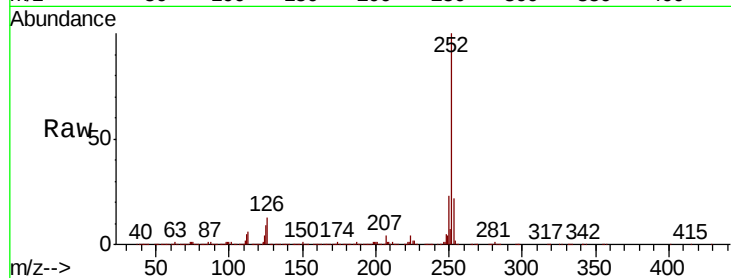




#89
Benzo(k)fluoranthene
Concen: 45.171 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

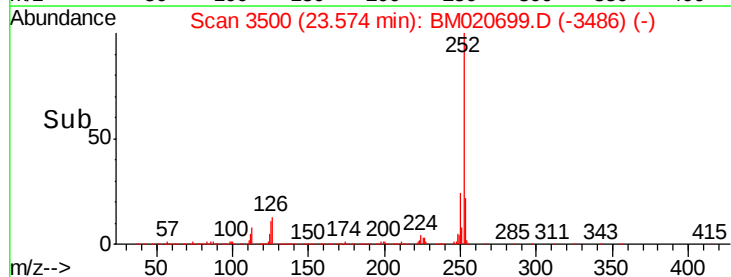
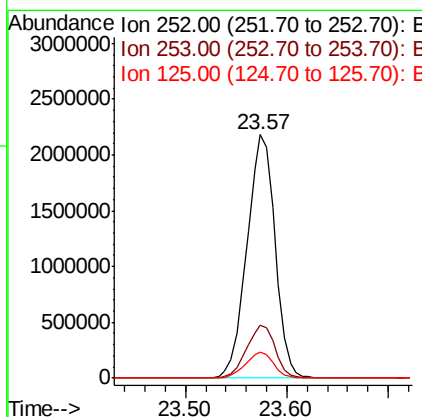
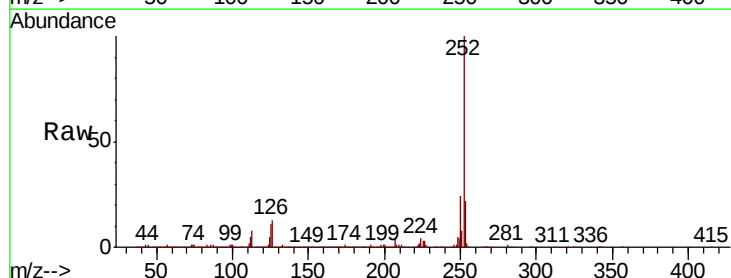
Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

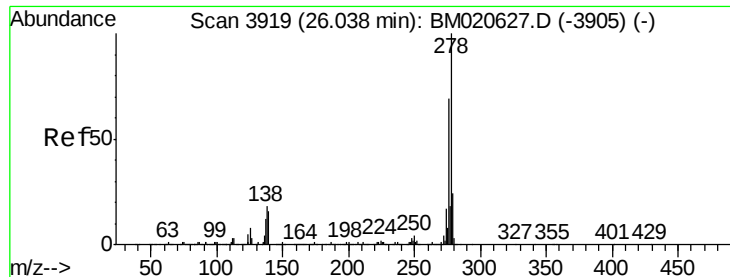
Tot Ion:252 Resp: 4255473
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 47.927 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:252 Resp: 4190758
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.186 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

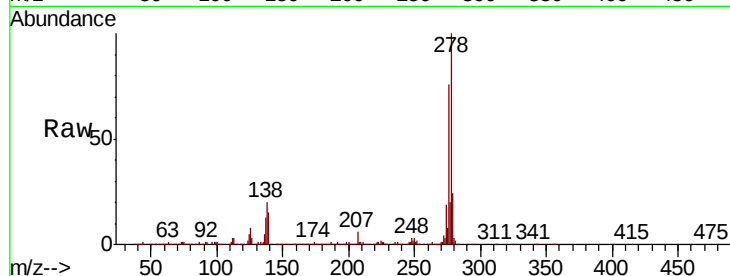
Tot Ion:278 Resp: 4257445

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	18.8
279	23.8	19.0	28.6

278 100

139 15.1 12.6 18.8

279 23.8 19.0 28.6

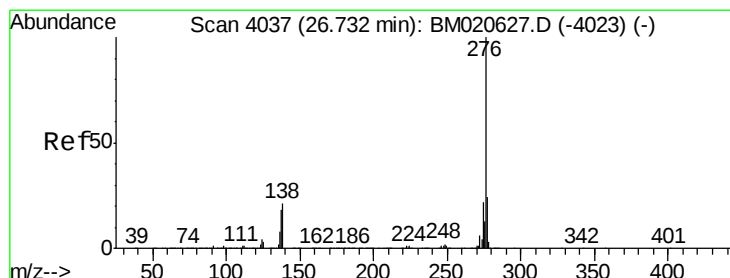
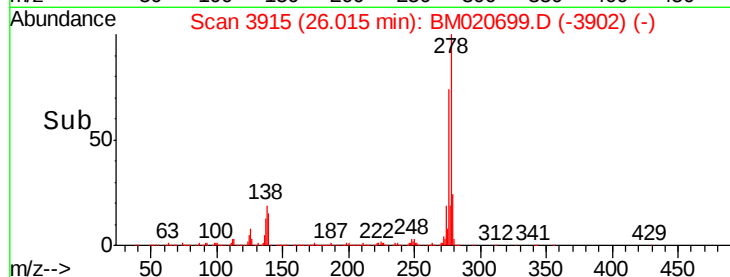
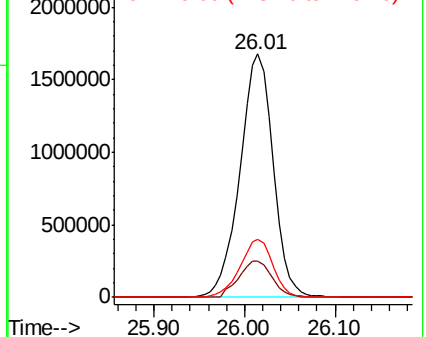


Abundance

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: 51.825 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

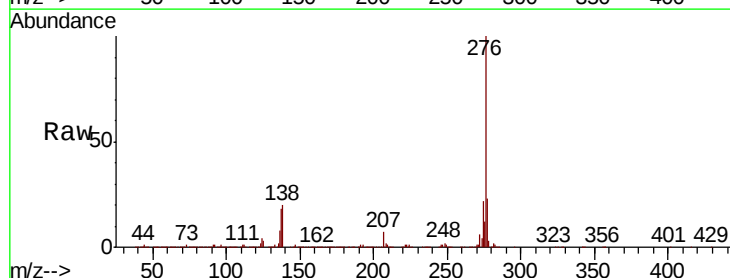
Tgt Ion:276 Resp: 4083609

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	19.9	17.0	25.4

276 100

277 23.5 19.2 28.8

138 19.9 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

