

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020751.D
 Acq On : 06 Jun 2019 00:03
 Operator : HP/JU
 Sample : K3174-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

Quant Time: Jun 06 02:20:17 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	7.82	152	338057	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1352338	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	707675	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1386468	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1223380	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1491120	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2894702	150.62	ng	0.00
7) Phenol-d6	6.99	99	3906328	138.04	ng	0.00
23) Nitrobenzene-d5	8.99	82	2364320	90.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1289816	147.10	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4329592	81.34	ng	-0.01
79) Terphenyl-d14	19.83	244	5212933	71.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	306498	38.954	ng	95
3) Pyridine	3.74	79	689098	27.527	ng	97
4) n-Nitrosodimethylamine	3.66	42	431063	39.944	ng	94
6) Aniline	7.16	93	614206	15.001	ng	99
8) 2-Chlorophenol	7.39	128	1089852	45.585	ng	98
9) Benzaldehyde	6.97	77	360523	18.368	ng	97
10) Phenol	7.02	94	1363651	44.717	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	997209	41.032	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1128578	41.073	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1159197	41.499	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1118189	41.134	ng	99
15) Benzyl Alcohol	8.06	79	969292	38.719	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1323661	35.277	ng	99
17) 2-Methylphenol	8.26	107	891512	41.574	ng	98
18) Hexachloroethane	8.89	117	416804	38.973	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	815331	35.844	ng	96
20) 3+4-Methylphenols	8.59	107	1174948	40.272	ng	97
22) Acetophenone	8.65	105	1534578	44.669	ng	97
24) Nitrobenzene	9.03	77	1192101	44.739	ng	97
25) Isophorone	9.55	82	2113401	40.705	ng	99
26) 2-Nitrophenol	9.73	139	530895	53.460	ng	97
27) 2,4-Dimethylphenol	9.79	122	936467	50.325	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1296109	41.287	ng	99
29) 2,4-Dichlorophenol	10.26	162	981884	47.692	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	1092899	46.166	ng	99
31) Naphthalene	10.66	128	3128953	44.994	ng	99
32) Benzoic acid	9.92	122	388275	34.738	ng	100
33) 4-Chloroaniline	10.77	127	150401	4.647	ng	97
34) Hexachlorobutadiene	10.94	225	628904	44.276	ng	99
35) Caprolactam	11.57	113	222290	31.079	ng	97
36) 4-Chloro-3-methylphenol	11.90	107	999697	41.764	ng	99
37) 2-Methylnaphthalene	12.27	142	2240006	43.456	ng	99
38) 1-Methylnaphthalene	12.50	142	2109269	42.975	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1164109	50.196	ng	100

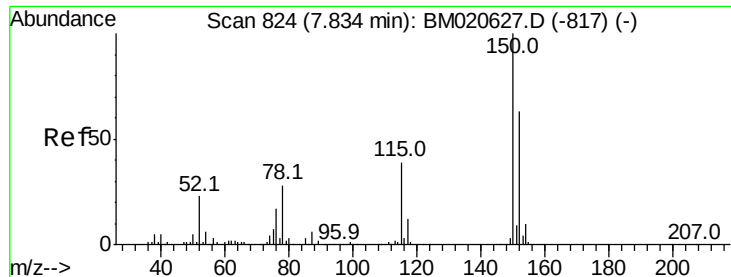
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1336210	96.338	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	749124	50.183	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	786901	51.060	ng	97
46) 1,1'-Biphenyl	13.29	154	2763124	46.751	ng	99
47) 2-Chloronaphthalene	13.33	162	2164880	45.384	ng	98
48) 2-Nitroaniline	13.54	65	603463	40.307	ng	94
49) Acenaphthylene	14.18	152	3352078	45.038	ng	100
50) Dimethylphthalate	13.92	163	3287712	54.378	ng	99
51) 2,6-Dinitrotoluene	14.04	165	552411	44.998	ng	92
52) Acenaphthene	14.52	154	1952636	44.023	ng	99
53) 3-Nitroaniline	14.37	138	193210	14.100	ng	93
54) 2,4-Dinitrophenol	14.57	184	446859	84.192	ng	93
55) Dibenzofuran	14.86	168	3024805	43.909	ng	99
56) 4-Nitrophenol	14.67	139	887510	87.894	ng	92
57) 2,4-Dinitrotoluene	14.83	165	728822	44.339	ng	92
58) Fluorene	15.51	166	2395957	42.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	660359	49.174	ng	96
60) Diethylphthalate	15.29	149	2450262	39.295	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1259732	41.998	ng	95
62) 4-Nitroaniline	15.53	138	525988	36.194	ng	94
63) Azobenzene	15.80	77	2263005	37.855	ng	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	287366	46.002	ng	94
66) n-Nitrosodiphenylamine	15.72	169	2063540	46.493	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	737294	45.166	ng	94
68) Hexachlorobenzene	16.50	284	853231	44.761	ng	95
69) Atrazine	16.67	200	647769	48.901	ng	99
70) Pentachlorophenol	16.85	266	987310	108.570	ng	99
71) Phenanthrene	17.24	178	3417669	43.488	ng	99
72) Anthracene	17.34	178	3489046	44.357	ng	99
73) Carbazole	17.61	167	3091352	43.309	ng	99
74) Di-n-butylphthalate	18.17	149	3565350	38.478	ng	100
75) Fluoranthene	19.26	202	3651642	41.782	ng	100
77) Benzidine	19.44	184	783758	21.143	ng	99
78) Pyrene	19.62	202	3746119	39.903	ng	100
80) Butylbenzylphthalate	20.52	149	1455927	36.697	ng	93
81) Benzo(a)anthracene	21.36	228	3580040	42.022	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	696746	22.333	ng	98
83) Chrysene	21.42	228	3533697	43.635	ng	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2024448	35.109	ng	100
85) Di-n-octyl phthalate	22.19	149	3426470	37.429	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	5138913	62.027	ng	98
88) Benzo(b)fluoranthene	22.98	252	4006485	40.652	ng	99
89) Benzo(k)fluoranthene	23.02	252	3970053	41.221	ng	99
90) Benzo(a)pyrene	23.57	252	4018764	44.956	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	4325364	49.873	ng	99
92) Benzo(g,h,i)perylene	26.70	276	4216059	52.337	ng	99

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

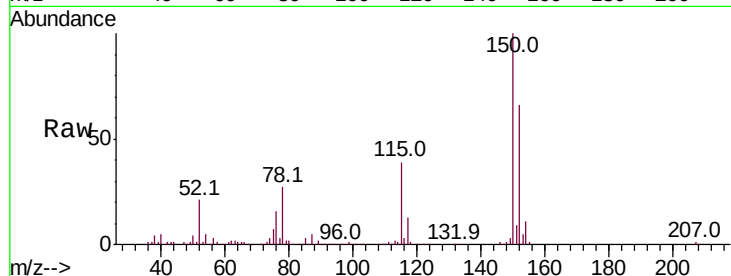


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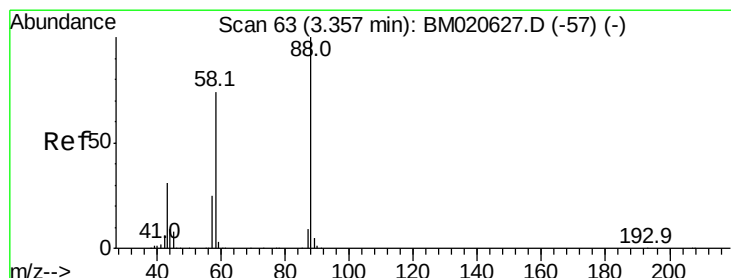
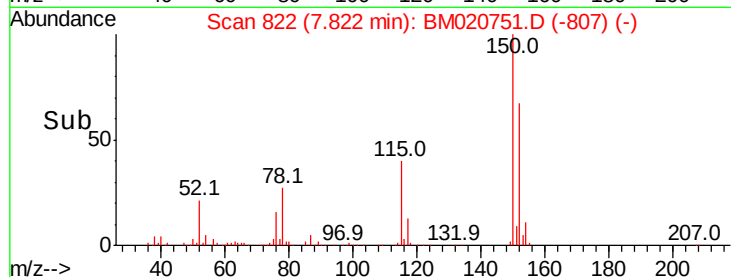
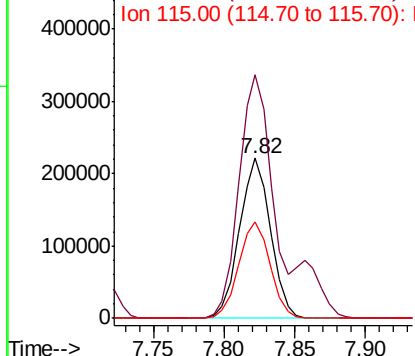
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:152 Resp: 338057
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 60.1 49.6 74.4



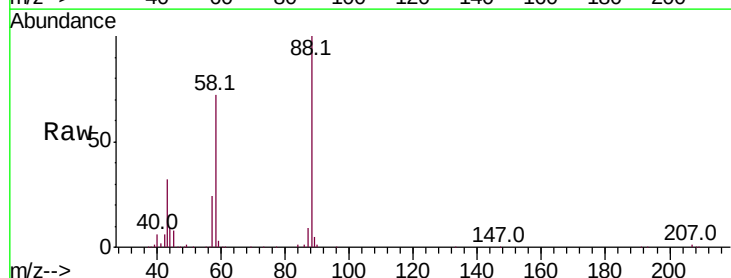
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



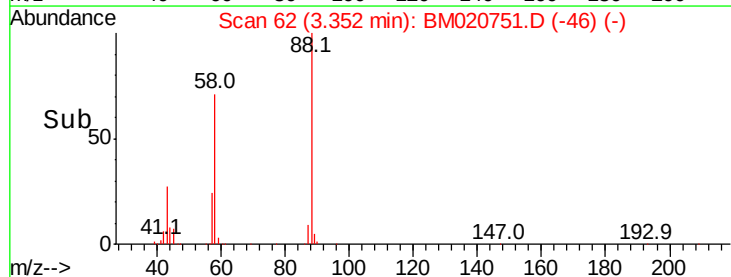
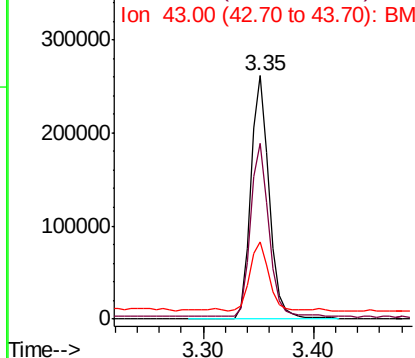
#2

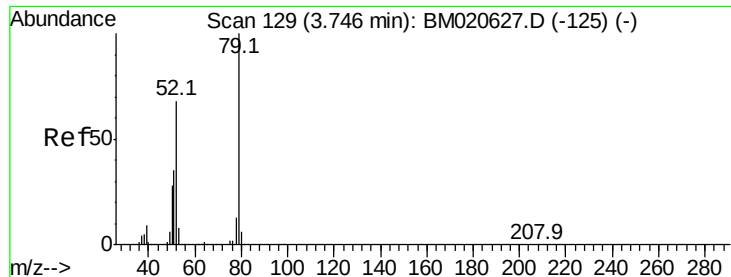
1,4-Dioxane
Concen: 38.954 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion: 88 Resp: 306498
Ion Ratio Lower Upper
88 100
58 71.1 60.2 90.4
43 28.1 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.527 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

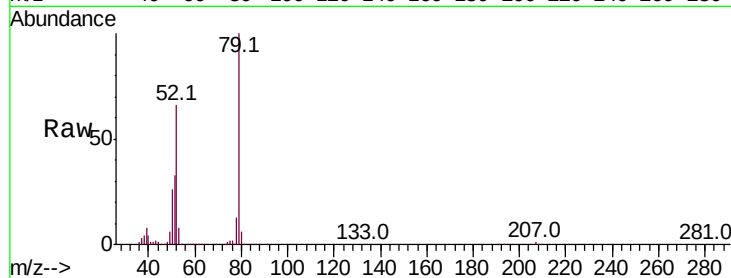
Tot Ion: 79 Resp: 689098

Ion Ratio Lower Upper

79 100

52 65.7 54.1 81.1

51 33.2 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) (-)

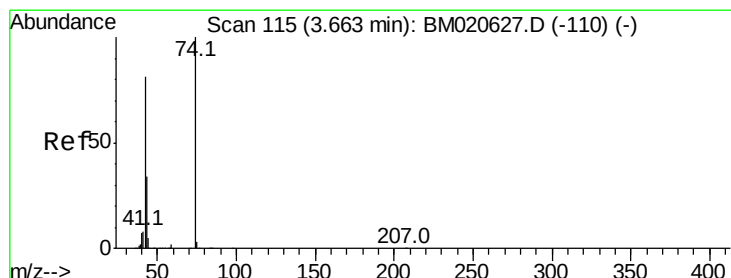
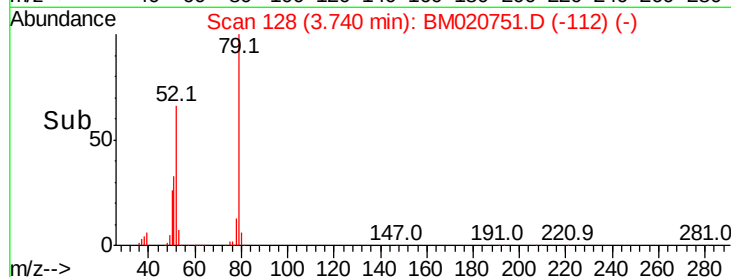
3.74

400000

200000

0

Time--> 3.60 3.70 3.80 3.90



#4

n-Nitrosodimethylamine

Concen: 39.944 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

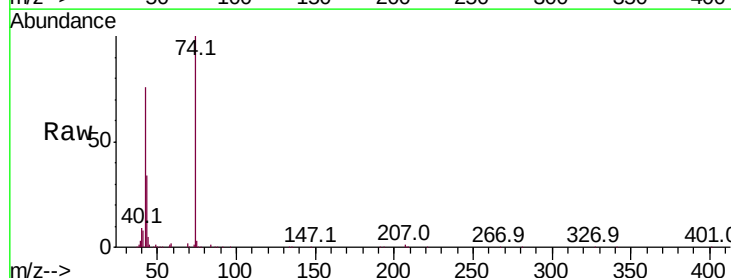
Tgt Ion: 42 Resp: 431063

Ion Ratio Lower Upper

42 100

74 131.2 99.4 149.0

44 6.9 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) (-)

500000

400000

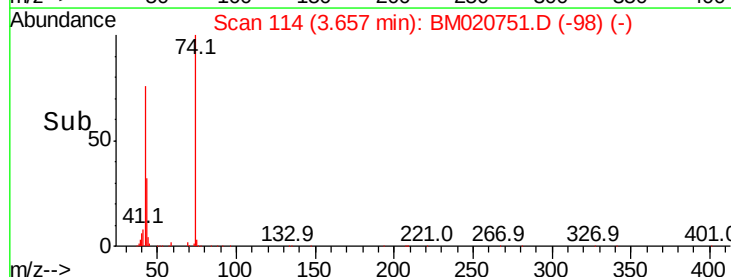
300000

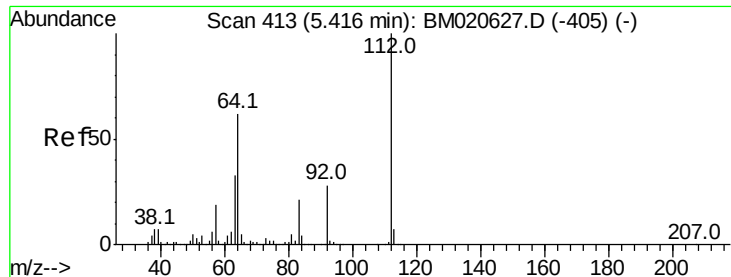
200000

100000

0

Time--> 3.60 3.70 3.80





#5

2-Fluorophenol

Concen: 150.625 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

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ClientSampleId :

FK-BPM-03-008-ABCDMS

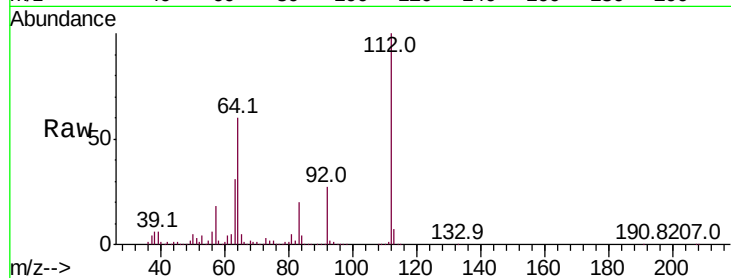
Tot Ion:112 Resp: 2894702

Ion Ratio Lower Upper

112 100

64 59.6 49.7 74.5

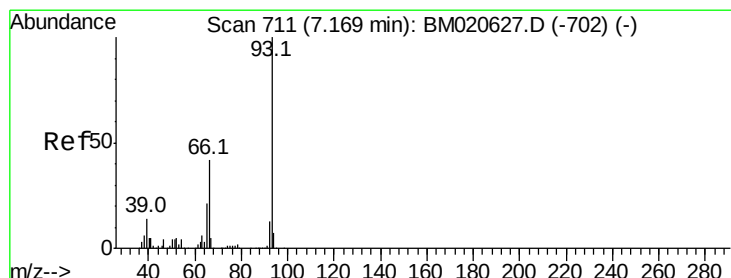
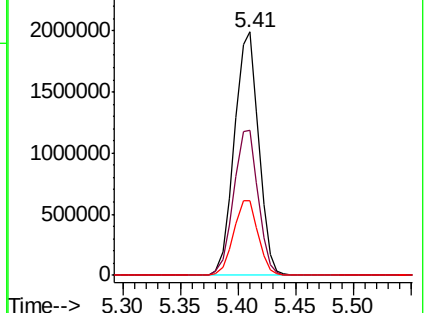
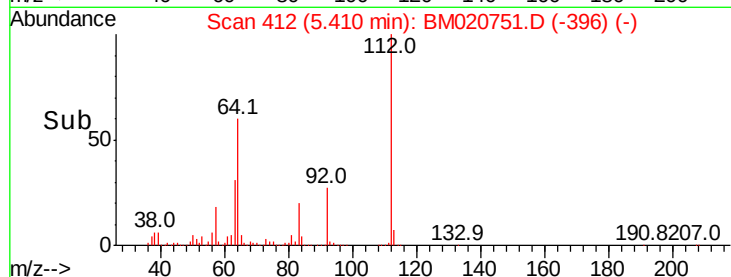
63 30.9 26.4 39.6



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: 15.001 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

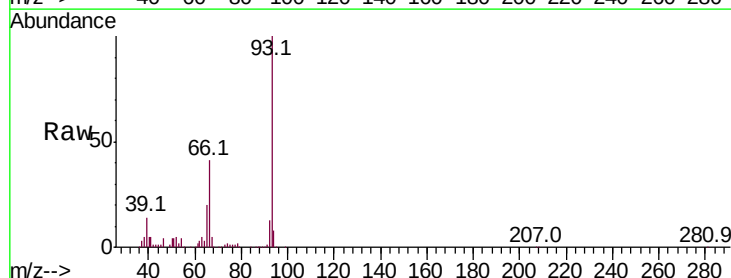
Tgt Ion: 93 Resp: 614206

Ion Ratio Lower Upper

93 100

66 41.4 33.6 50.4

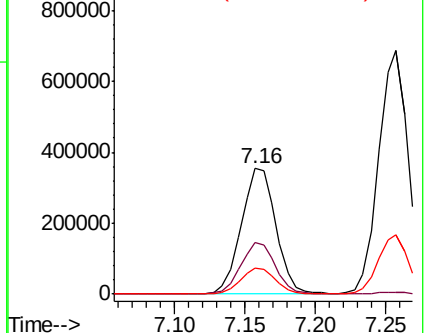
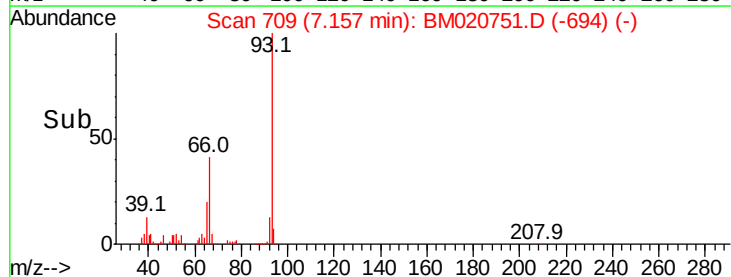
65 20.2 16.7 25.1

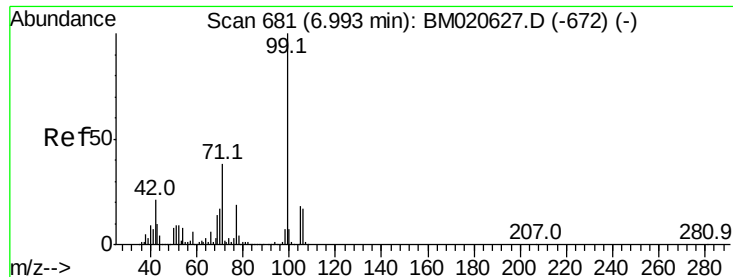


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 138.044 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

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ClientSampleId :

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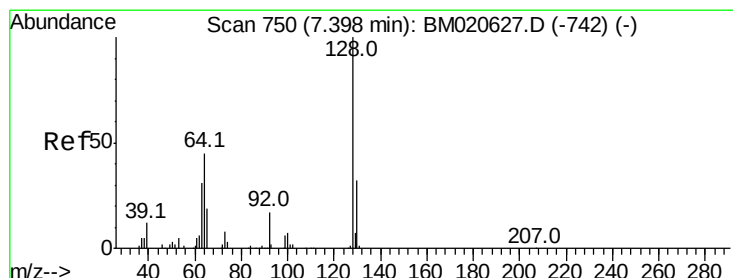
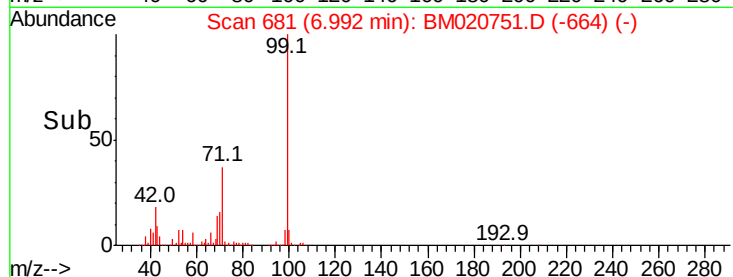
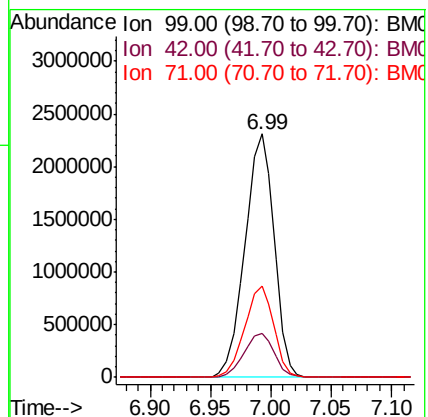
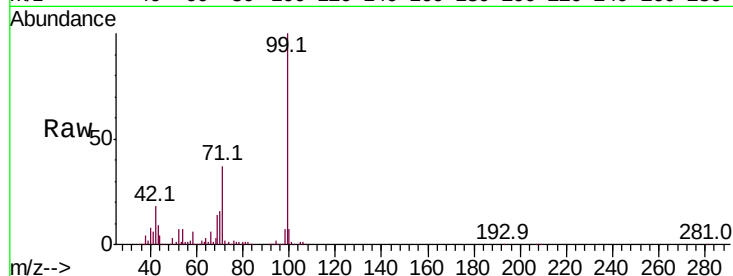
Tot Ion: 99 Resp: 3906328

Ion Ratio Lower Upper

99 100

42 18.3 16.5 24.7

71 37.3 30.7 46.1



#8

2-Chlorophenol

Concen: 45.585 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

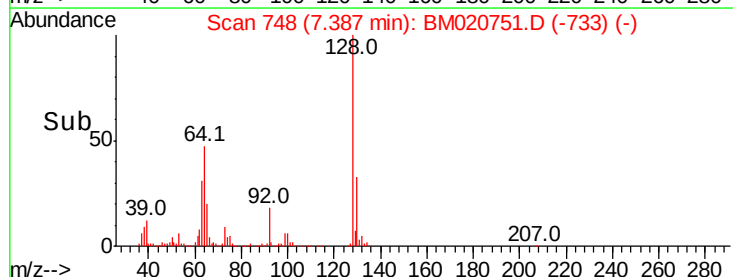
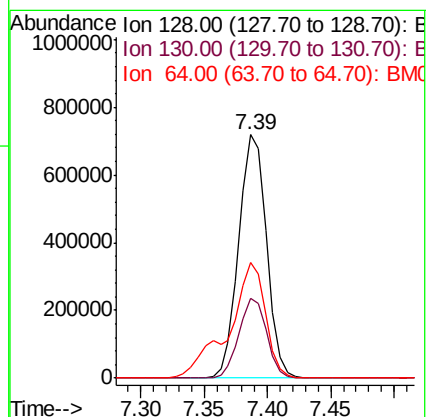
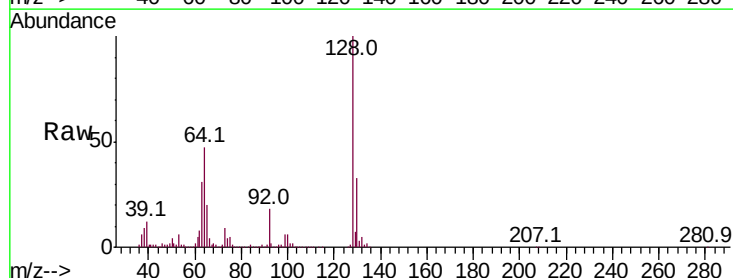
Tgt Ion: 128 Resp: 1089852

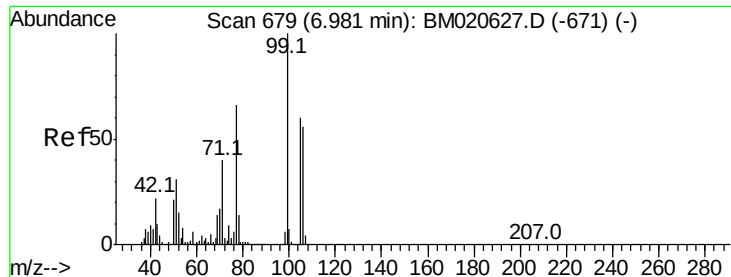
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 47.4 29.1 69.1





#9

Benzaldehyde

Concen: 18.368 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

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ClientSampleId :

FK-BPM-03-008-ABCDMS

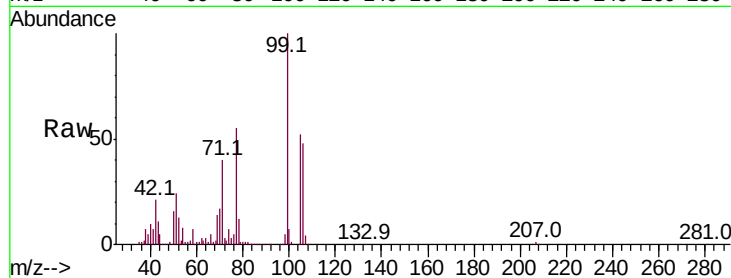
Tot Ion: 77 Resp: 360523

Ion Ratio Lower Upper

77 100

105 93.6 70.6 110.6

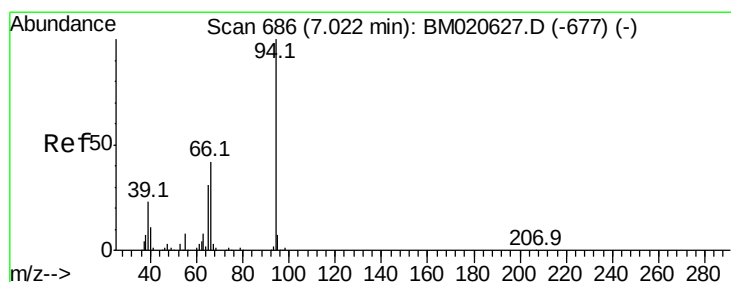
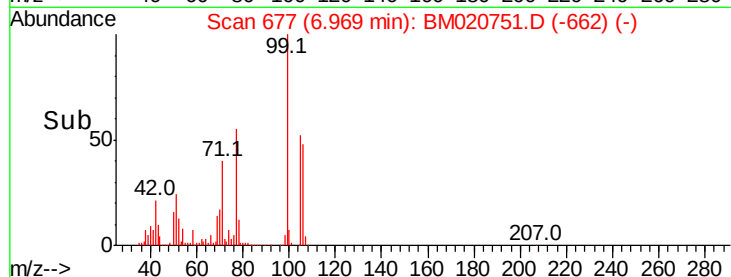
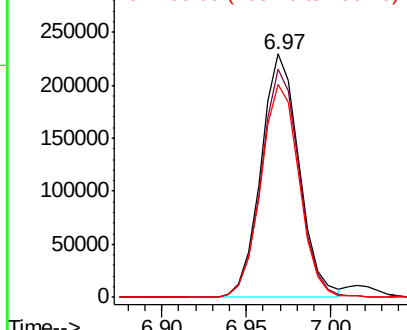
106 87.6 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020751.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020751.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020751.D (-662) (-)



#10

Phenol

Concen: 44.717 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

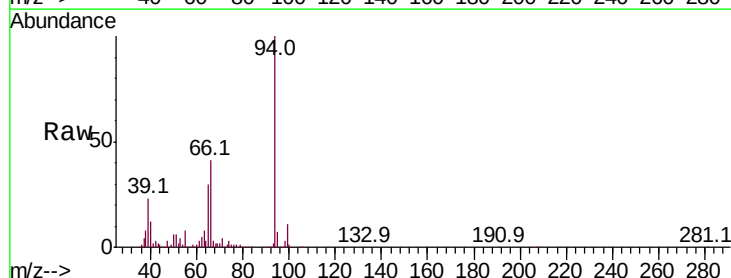
Tgt Ion: 94 Resp: 1363651

Ion Ratio Lower Upper

94 100

65 29.8 10.7 50.7

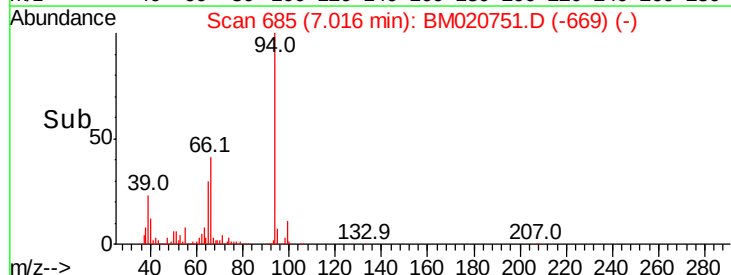
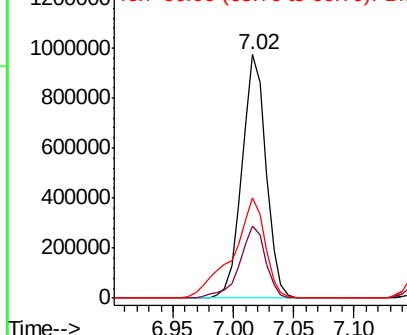
66 41.3 22.3 62.3

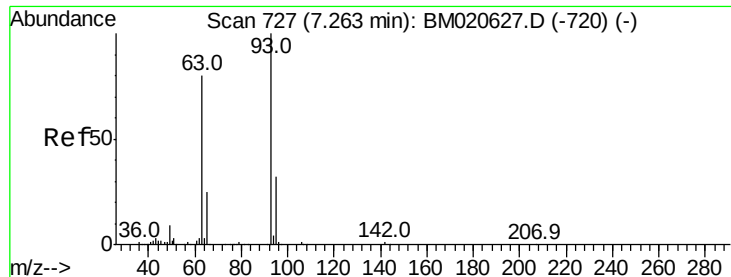


Abundance Ion 94.00 (93.70 to 94.70): BM020751.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020751.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020751.D (-669) (-)

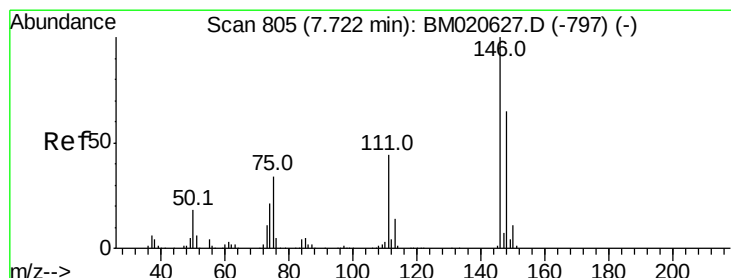
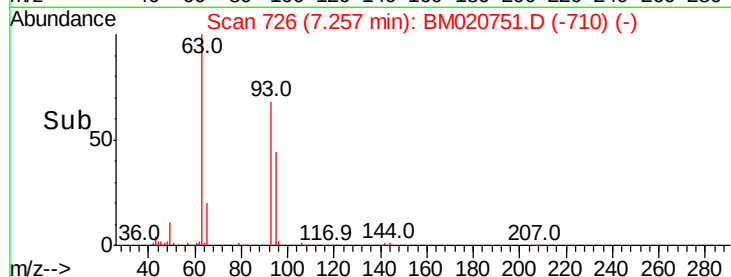
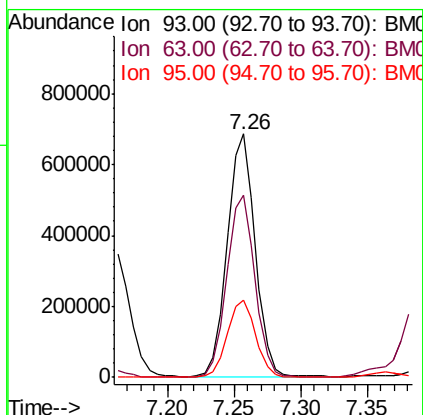
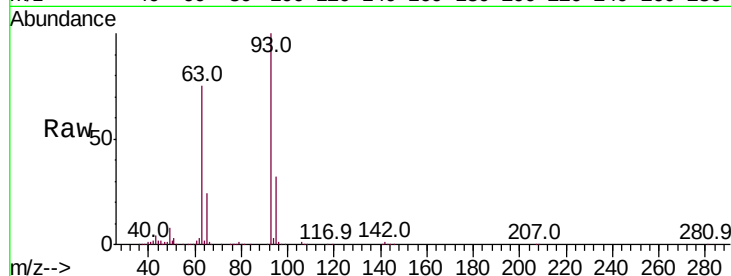




#11
bis(2-Chloroethyl)ether
Concen: 41.032 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

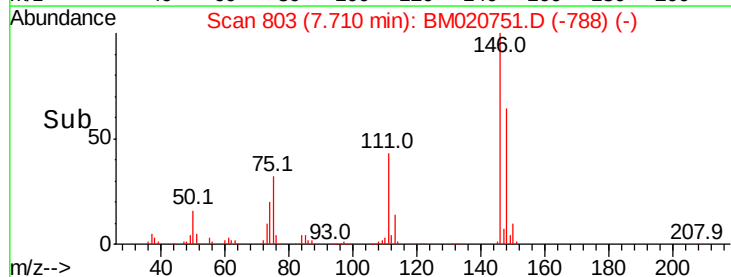
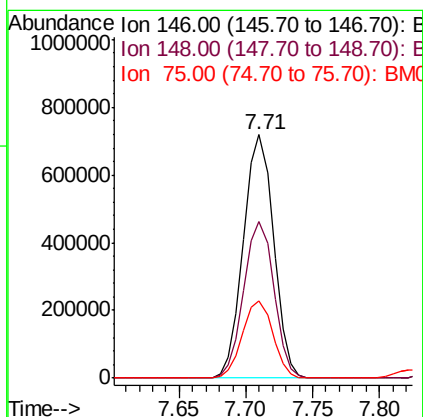
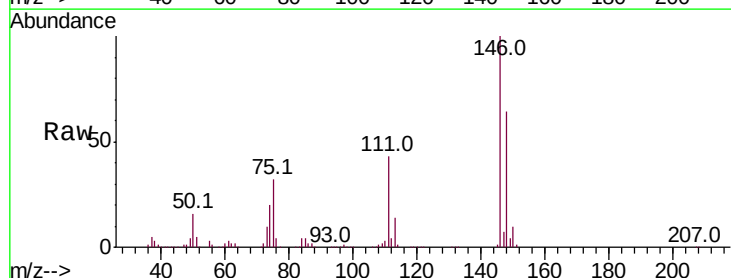
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

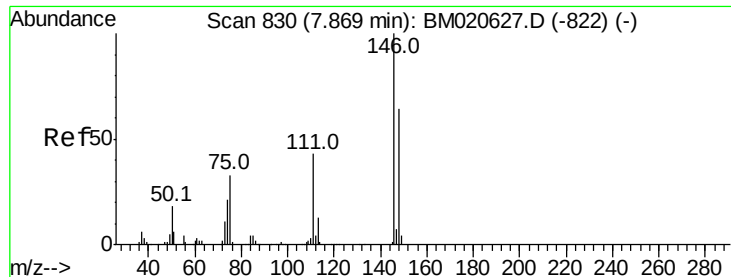
Tot Ion: 93 Resp: 997209
Ion Ratio Lower Upper
93 100
63 75.1 60.0 100.0
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.073 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion: 146 Resp: 1128578
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
75 31.8 27.0 40.4

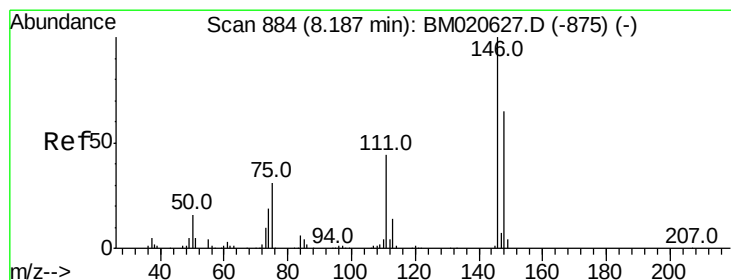
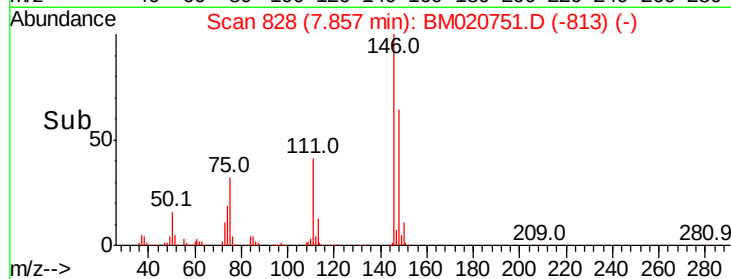
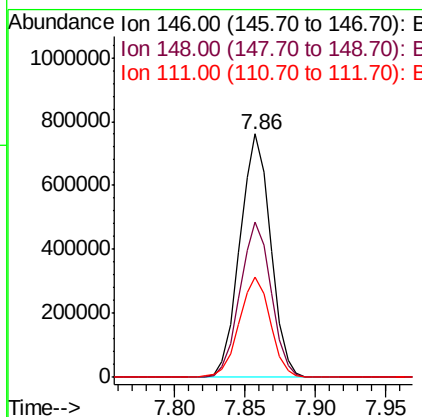
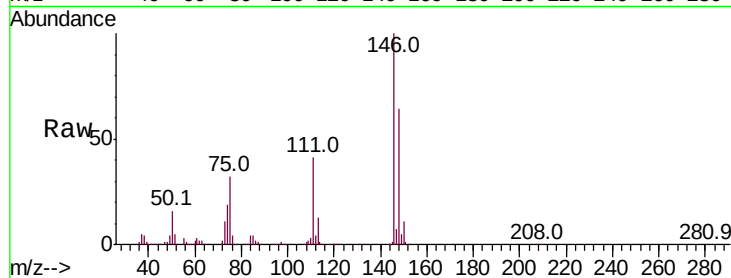




#13
 1,4-Dichlorobenzene
 Concen: 41.499 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

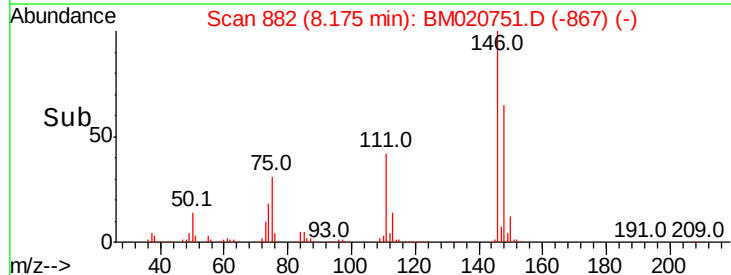
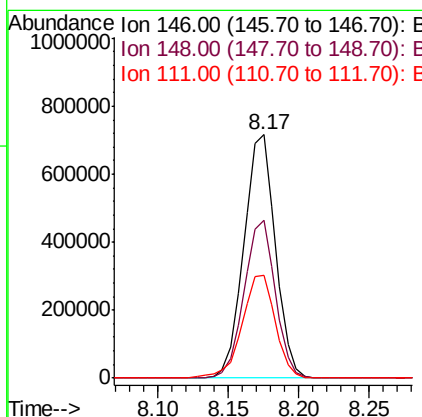
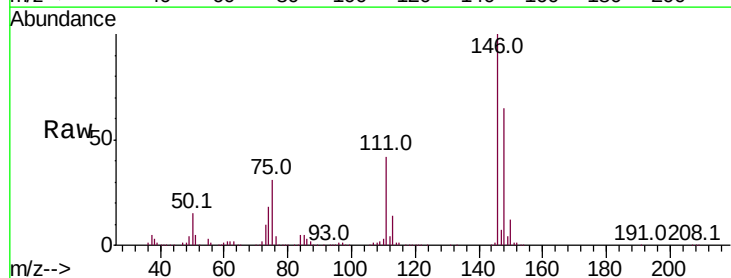
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

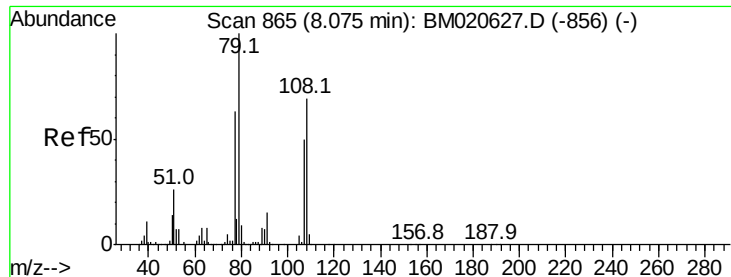
Tot Ion:146 Resp: 1159197
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 41.1 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 41.134 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Tgt Ion:146 Resp: 1118189
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.8
 111 42.4 35.1 52.7





#15

Benzyl Alcohol

Concen: 38.719 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

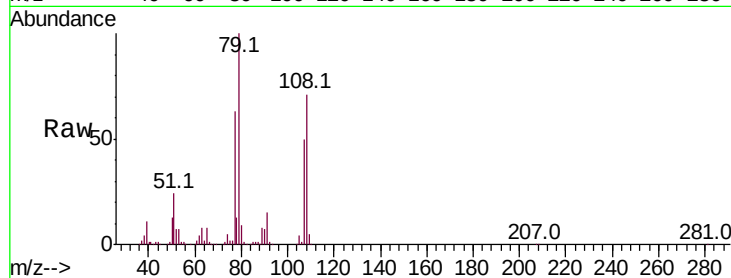
Tot Ion: 79 Resp: 969292

Ion Ratio Lower Upper

79 100

108 70.6 54.9 82.3

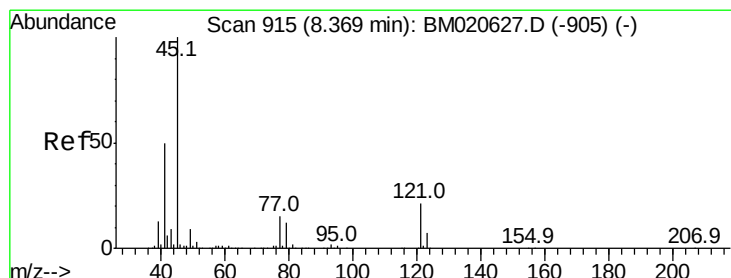
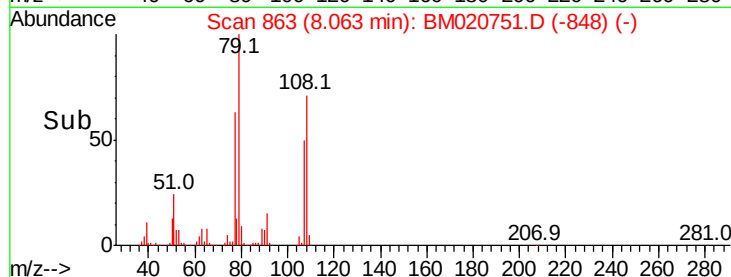
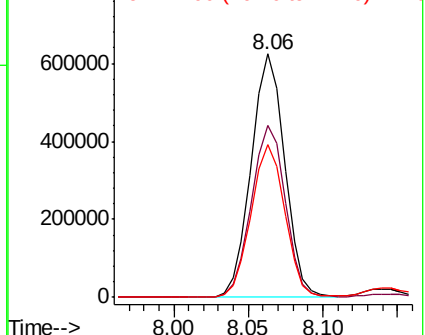
77 62.7 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020751.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM020751.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020751.D (-848) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.277 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

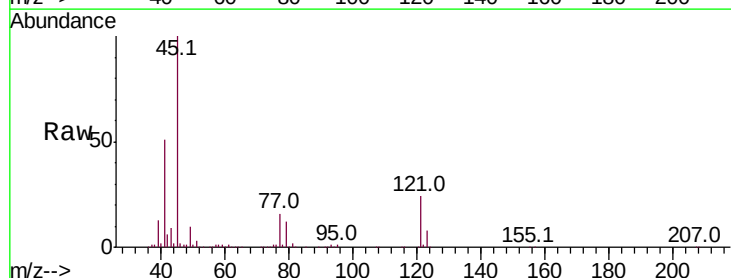
Tgt Ion: 45 Resp: 1323661

Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.9

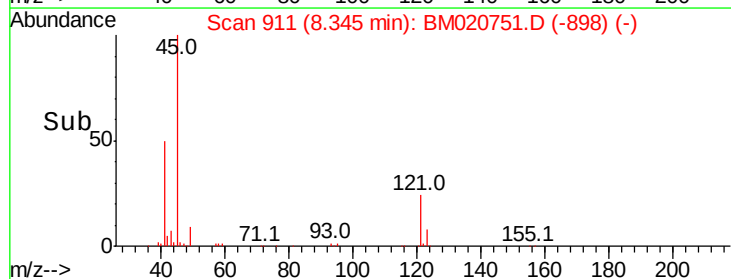
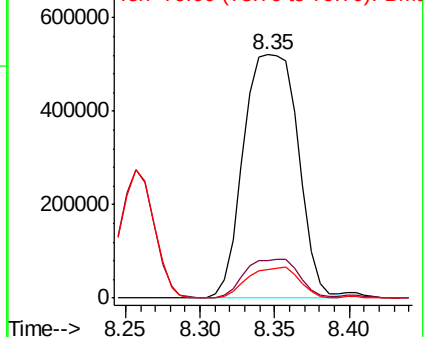
79 12.0 0.0 31.8

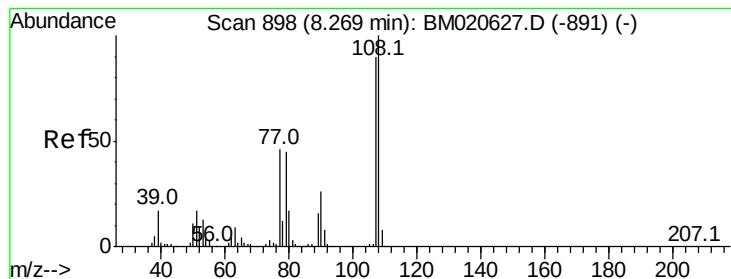


Abundance Ion 45.00 (44.70 to 45.70): BM020751.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020751.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020751.D (-898) (-)

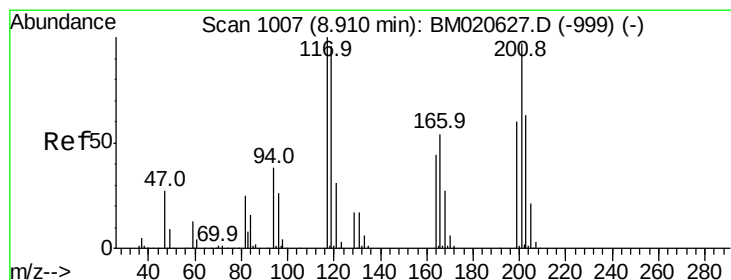
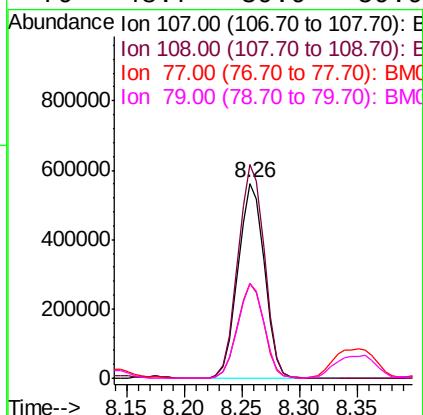
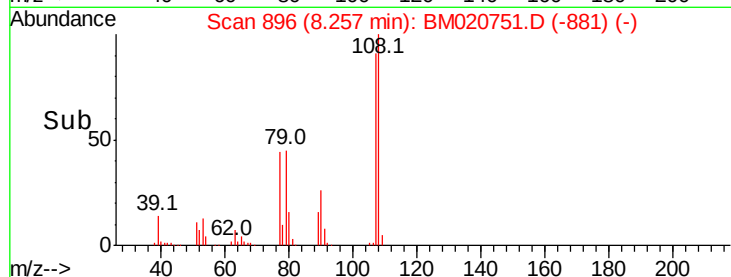
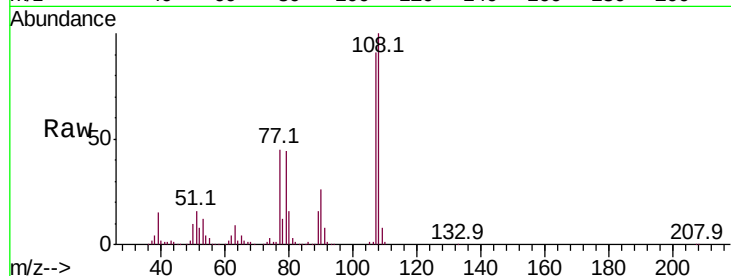




#17
2-Methylphenol
Concen: 41.574 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

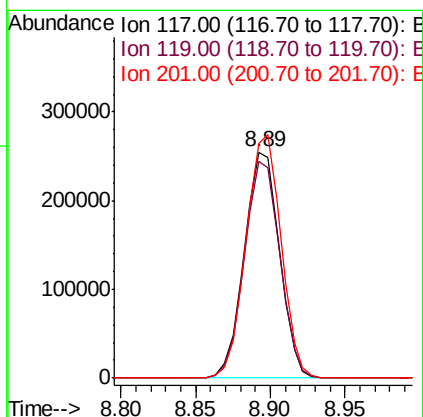
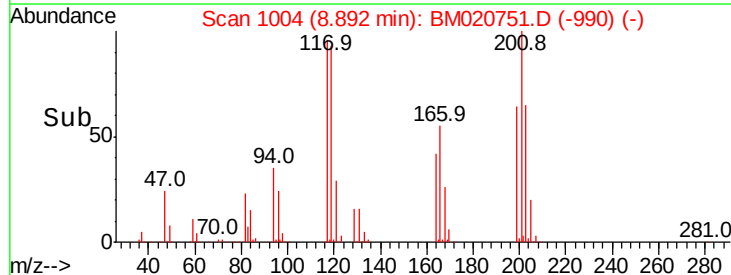
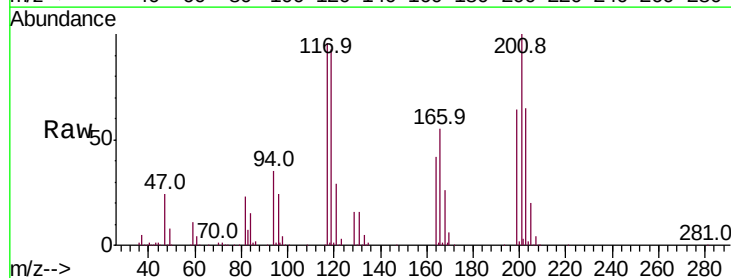
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

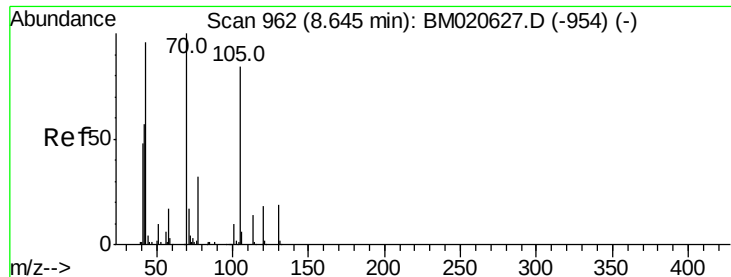
Tot Ion:107 Resp: 891512
Ion Ratio Lower Upper
107 100
108 109.6 88.6 133.0
77 48.9 40.6 61.0
79 48.7 39.9 59.9



#18
Hexachloroethane
Concen: 38.973 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:117 Resp: 416804
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
201 103.8 77.9 116.9

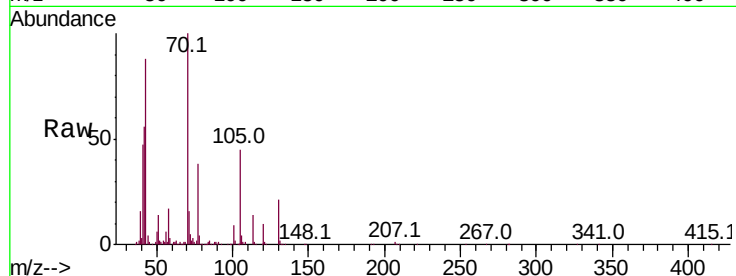




#19
n-Nitroso-di-n-propylamine
Concen: 35.844 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:	70	Resp:	815331
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.8	70.2
101	9.5	7.8	11.6
130	20.9	15.0	22.6

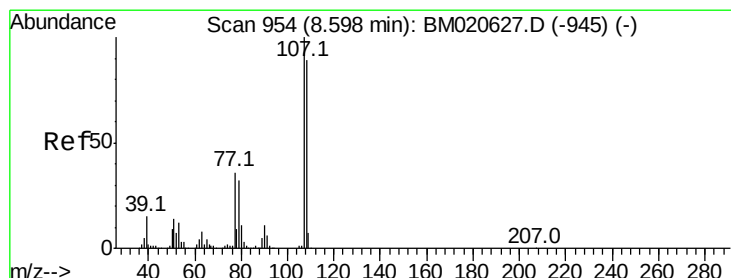
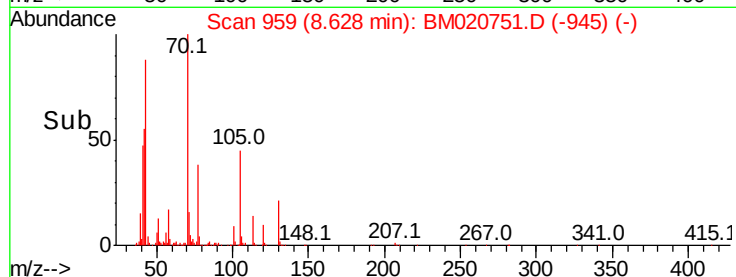
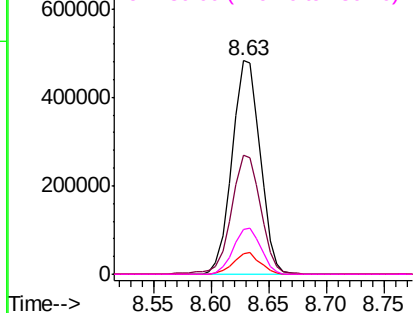


Abundance Ion 70.00 (69.70 to 70.70): BM020751.D (-945) (-)

Ion 42.00 (41.70 to 42.70): BM020751.D (-945) (-)

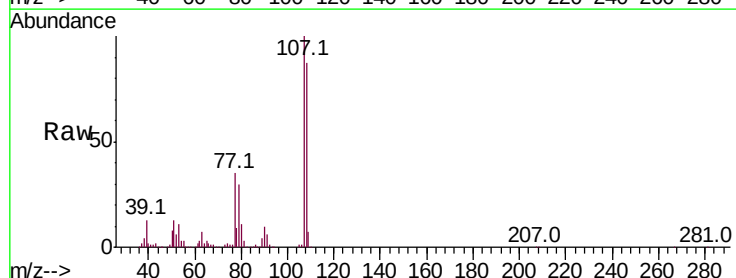
Ion 101.00 (100.70 to 101.70): BM020751.D (-945) (-)

Ion 130.00 (129.70 to 130.70): BM020751.D (-945) (-)



#20
3+4-Methylphenols
Concen: 40.272 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:	107	Resp:	1174948
Ion	Ratio	Lower	Upper
107	100		
108	86.6	69.2	109.2
77	34.9	16.2	56.2
79	30.3	12.5	52.5

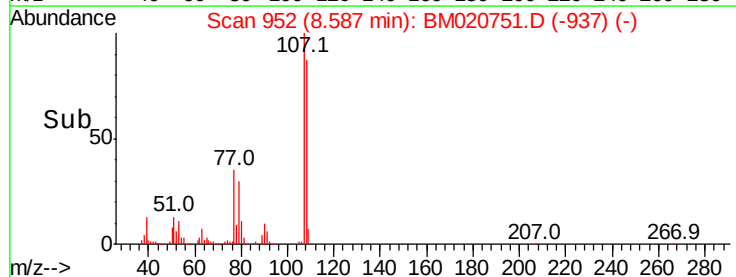
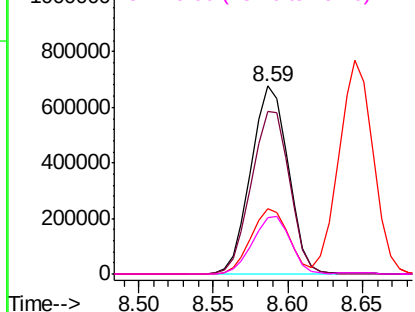


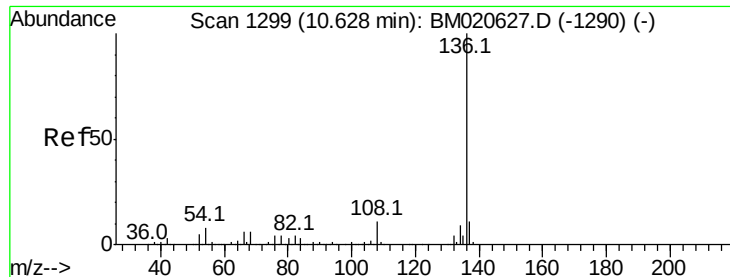
Abundance Ion 107.00 (106.70 to 107.70): BM020751.D (-937) (-)

Ion 108.00 (107.70 to 108.70): BM020751.D (-937) (-)

Ion 77.00 (76.70 to 77.70): BM020751.D (-937) (-)

Ion 79.00 (78.70 to 79.70): BM020751.D (-937) (-)



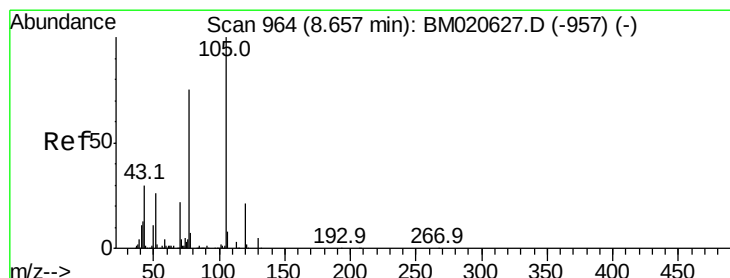
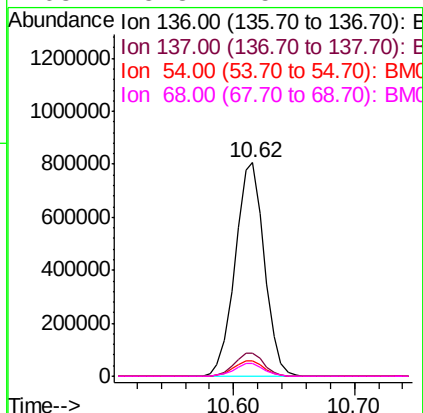
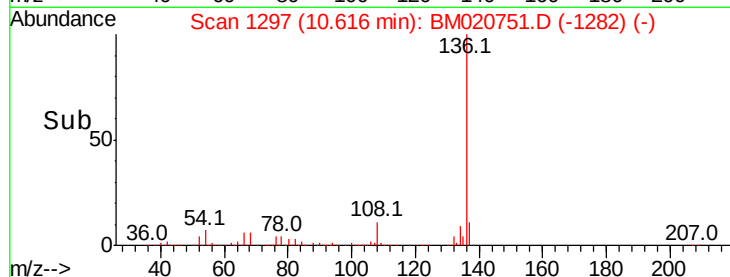
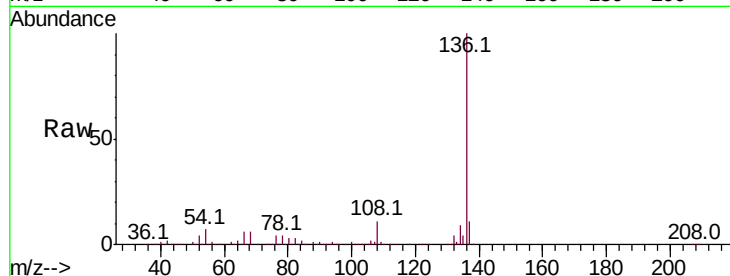


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:136 Resp: 1352338

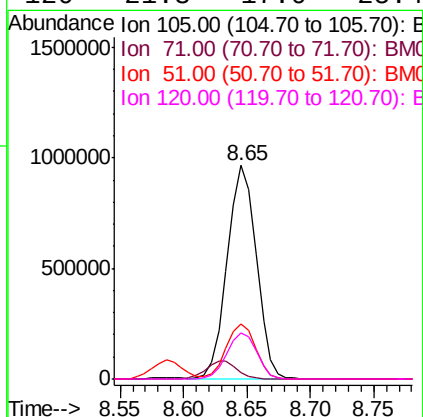
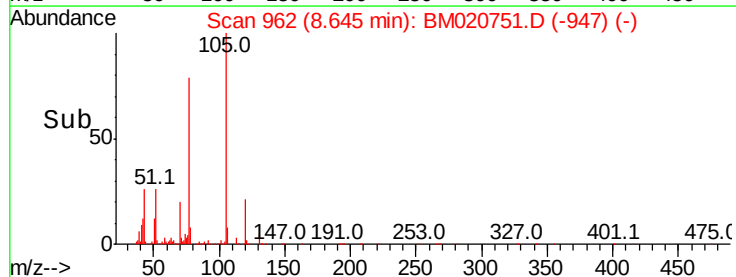
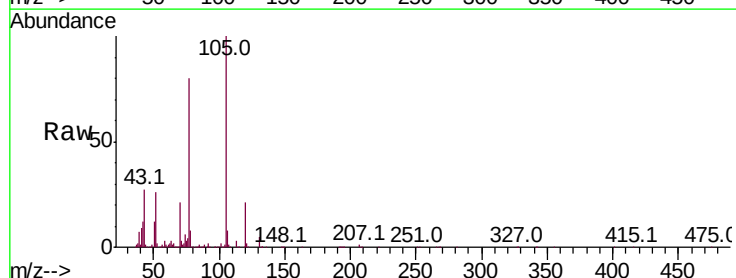
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.3	6.6	10.0
68	5.8	5.1	7.7

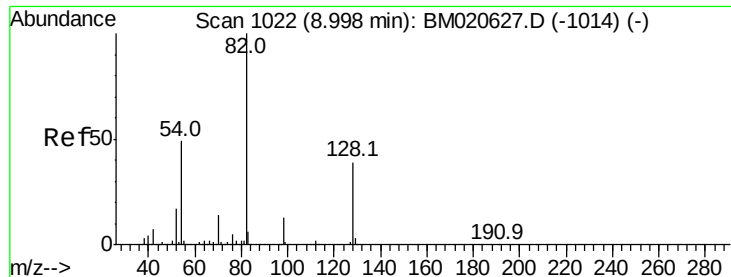


#22
Acetophenone
Concen: 44.669 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:105 Resp: 1534578

Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.2	4.8
51	26.0	22.8	34.2
120	21.3	17.0	25.4

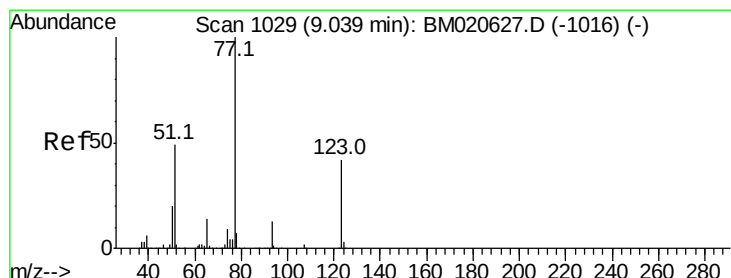
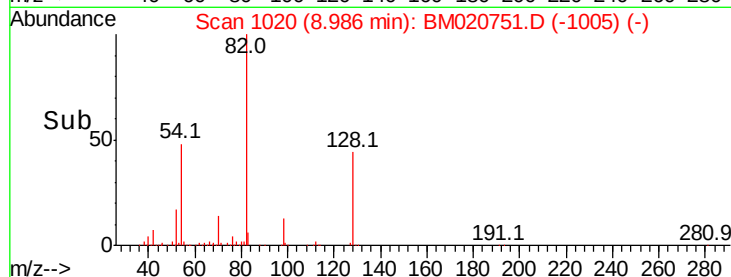
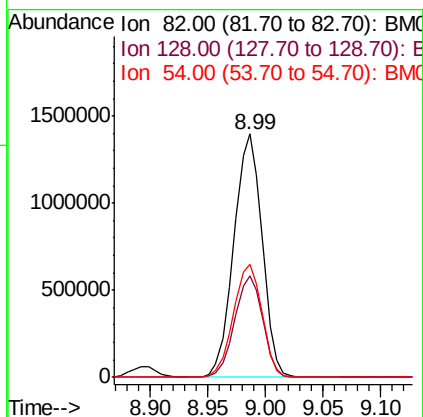
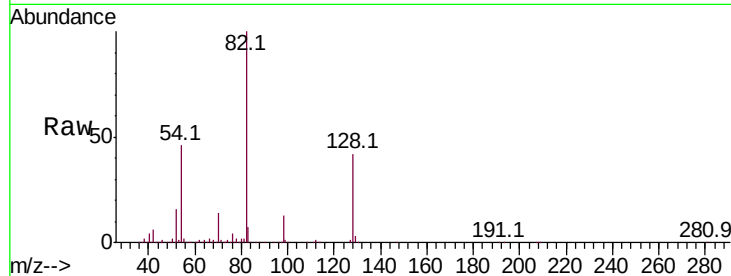




#23
 Nitrobenzene-d5
 Concen: 90.584 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

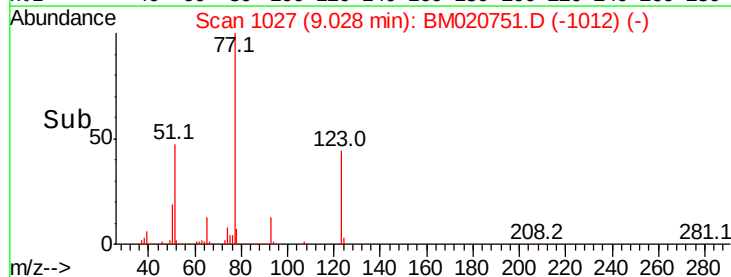
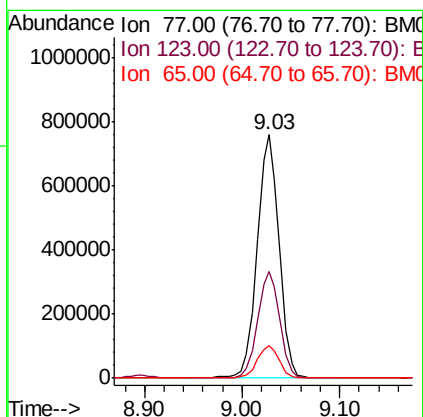
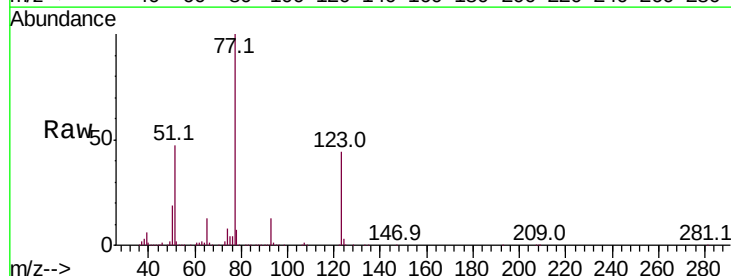
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

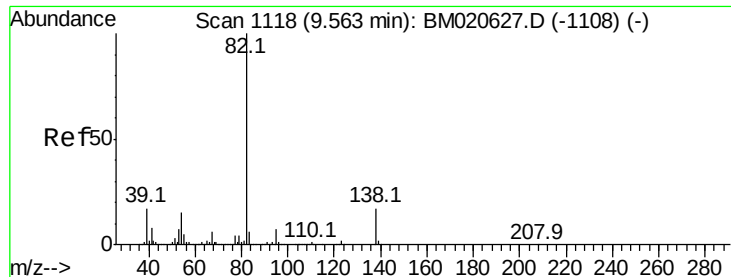
Tot Ion: 82 Resp: 2364320
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.5 47.3
 54 46.3 39.4 59.0



#24
 Nitrobenzene
 Concen: 44.739 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Tgt Ion: 77 Resp: 1192101
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.7 50.5
 65 13.1 11.0 16.6





#25

Isophorone

Concen: 40.705 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

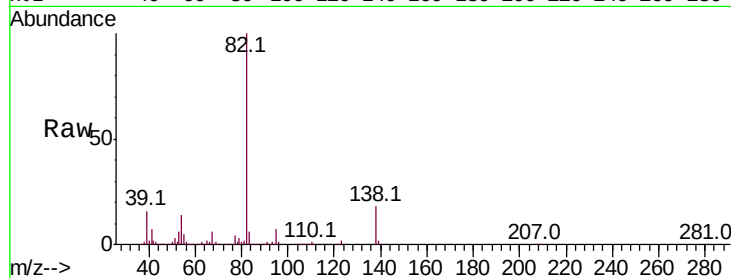
Tot Ion: 82 Resp: 2113401

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

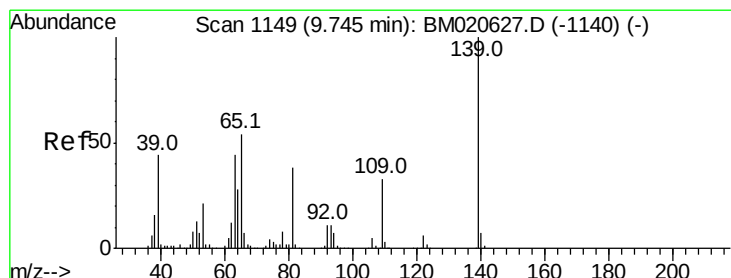
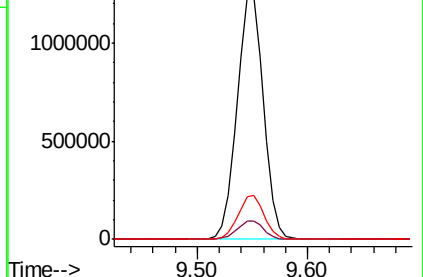
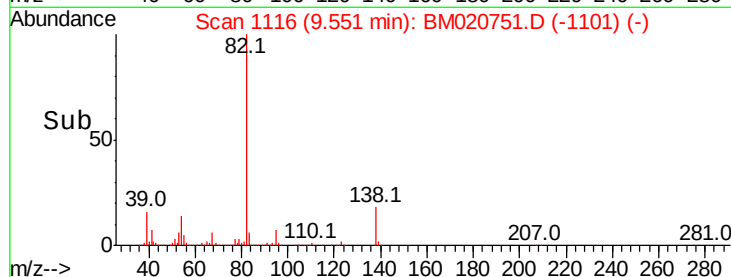
138 17.9 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020751.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020751.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020751.D (-1116) (-)



#26

2-Nitrophenol

Concen: 53.460 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

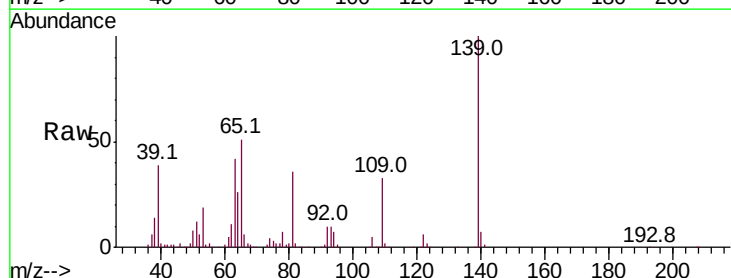
Tgt Ion: 139 Resp: 530895

Ion Ratio Lower Upper

139 100

109 32.8 26.1 39.1

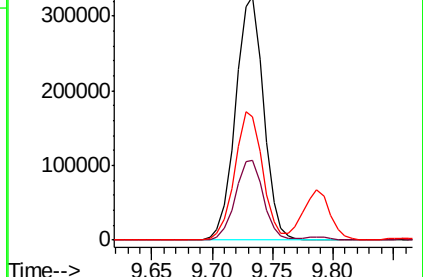
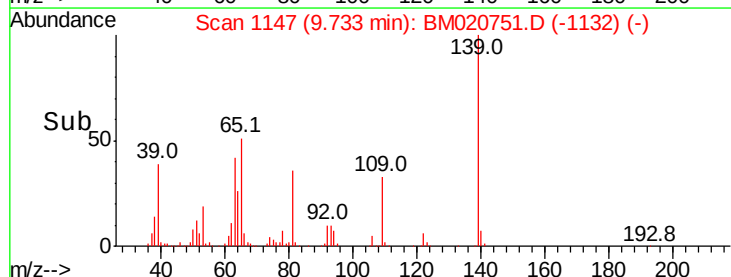
65 50.8 43.4 65.0

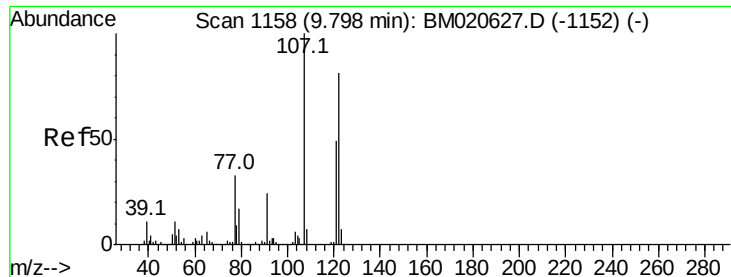


Abundance Ion 139.00 (138.70 to 139.70): BM020751.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020751.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020751.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 50.325 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

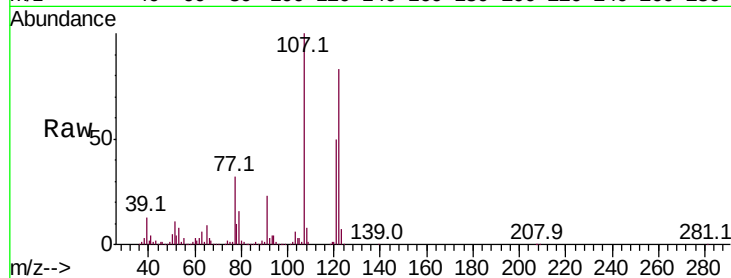
Tot Ion:122 Resp: 936467

Ion Ratio Lower Upper

122 100

107 121.0 98.0 147.0

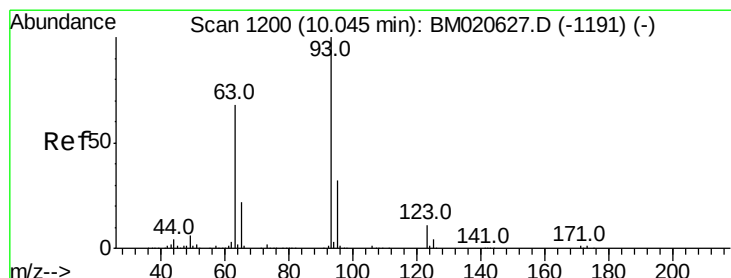
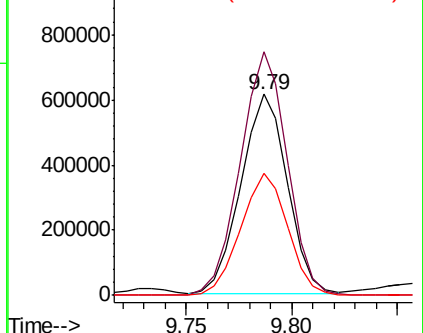
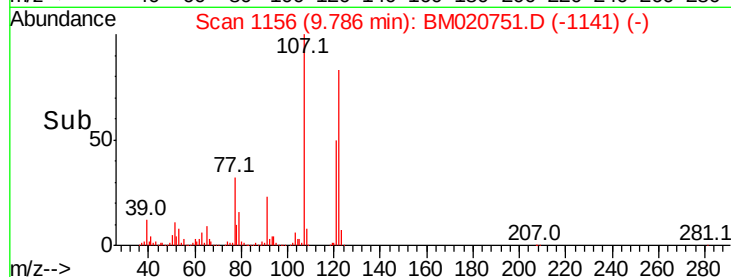
121 60.5 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.287 ng

RT: 10.03 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

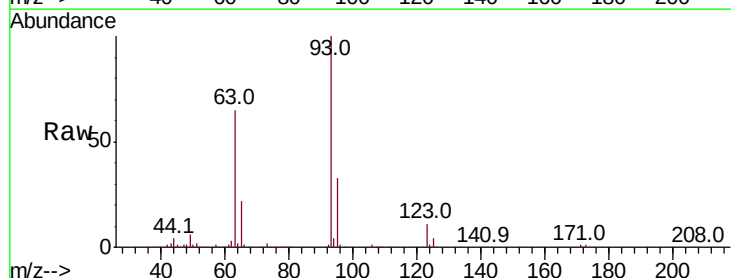
Tgt Ion: 93 Resp: 1296109

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

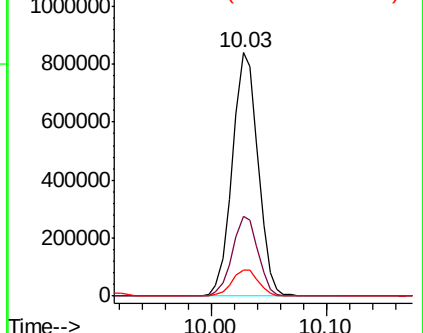
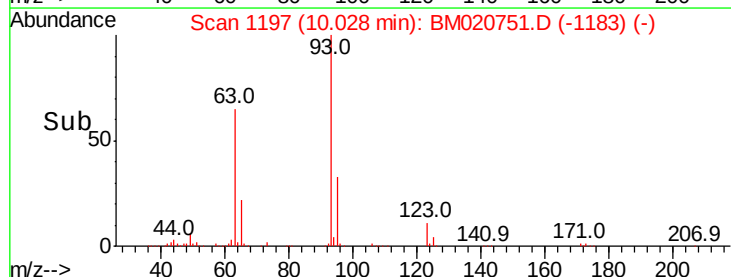
123 10.7 9.0 13.6

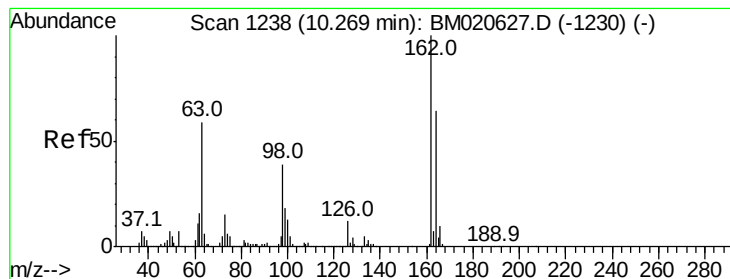


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.692 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

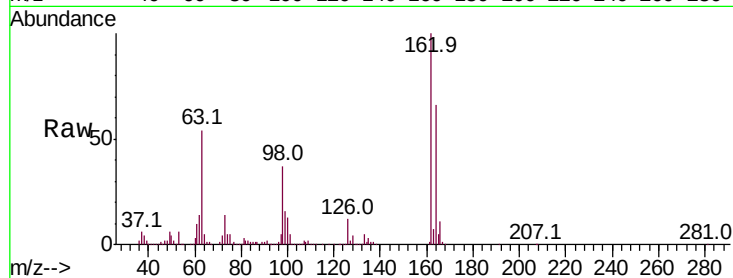
Tot Ion:162 Resp: 981884

Ion Ratio Lower Upper

162 100

164 65.5 43.8 83.8

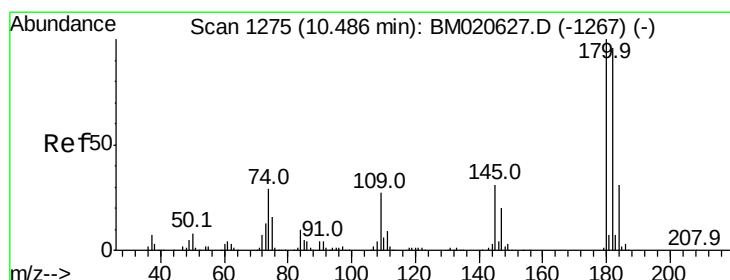
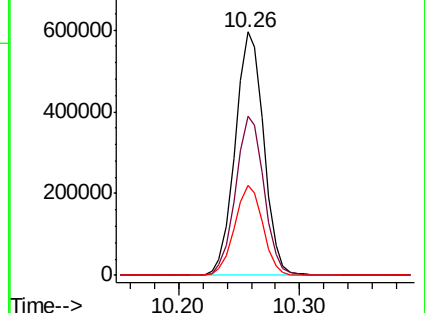
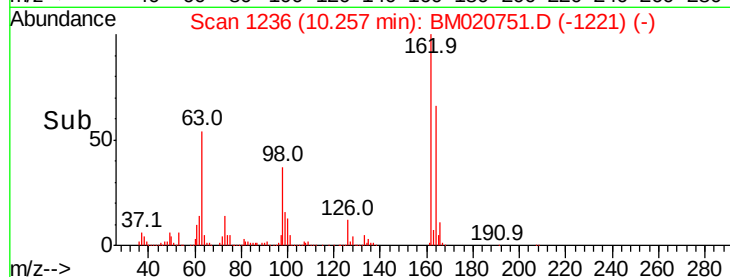
98 36.9 19.1 59.1



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: 46.166 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

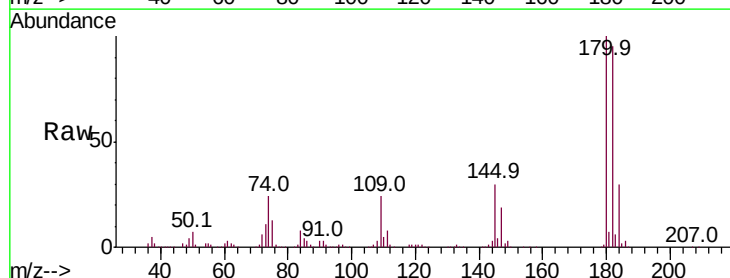
Tgt Ion:180 Resp: 1092899

Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.6

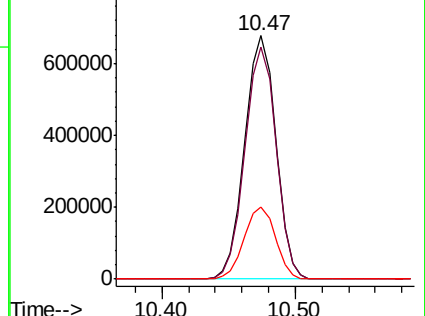
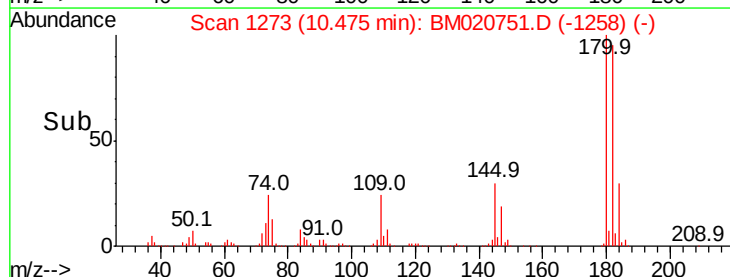
145 29.8 25.0 37.4

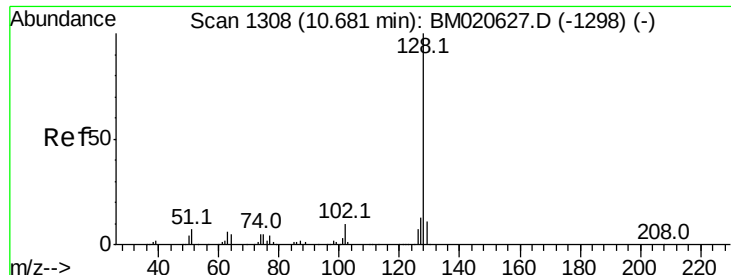


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

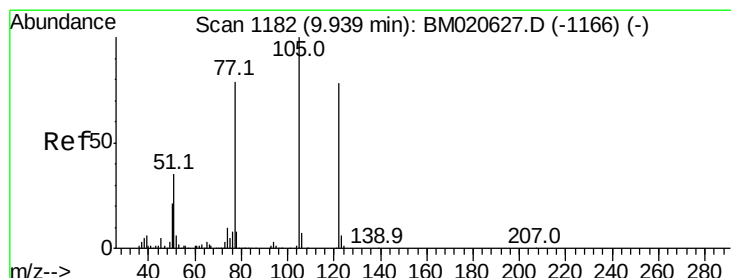
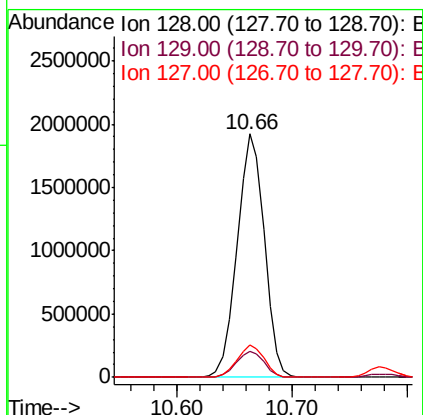
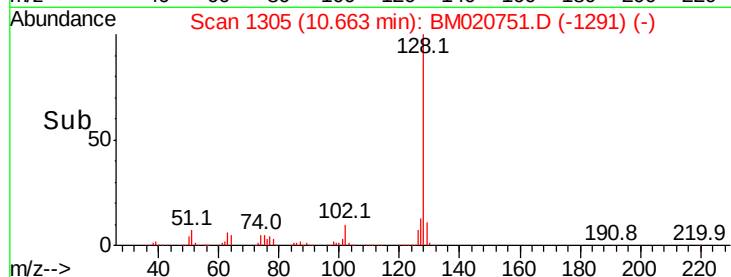
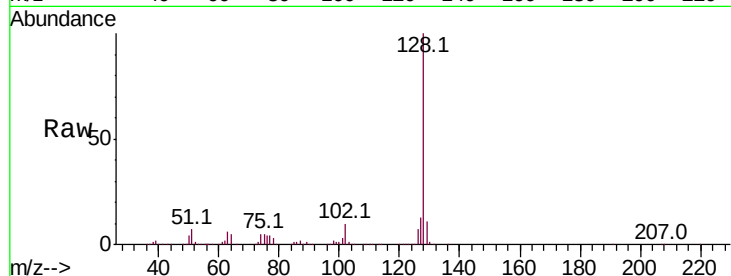




#31
Naphthalene
Concen: 44.994 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

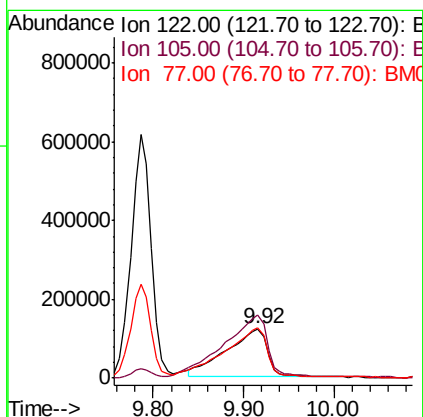
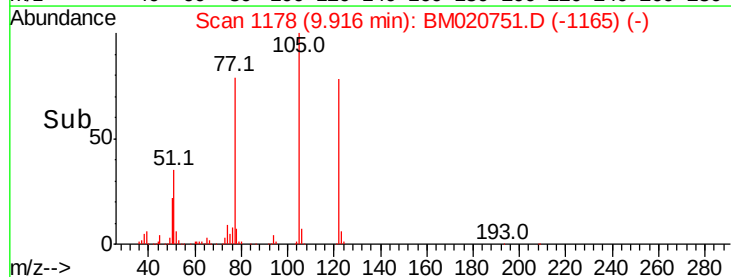
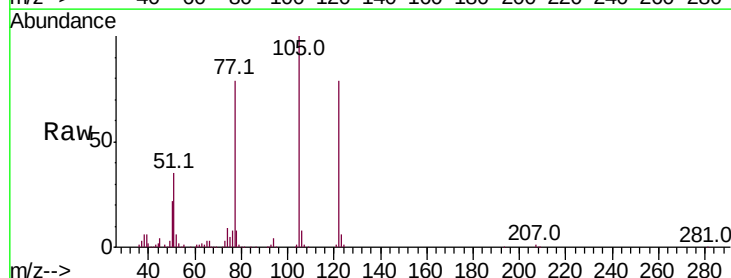
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

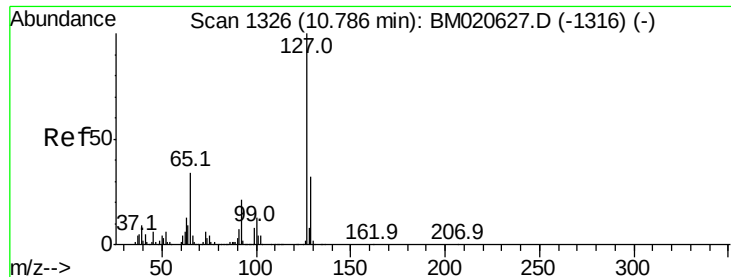
Tot Ion:128 Resp: 3128953
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 34.738 ng
RT: 9.92 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:122 Resp: 388275
Ion Ratio Lower Upper
122 100
105 127.0 107.0 147.0
77 100.9 80.9 120.9

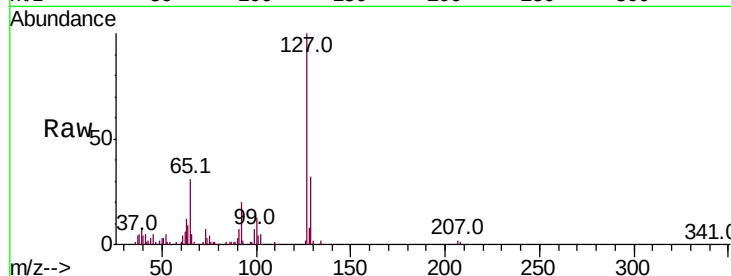




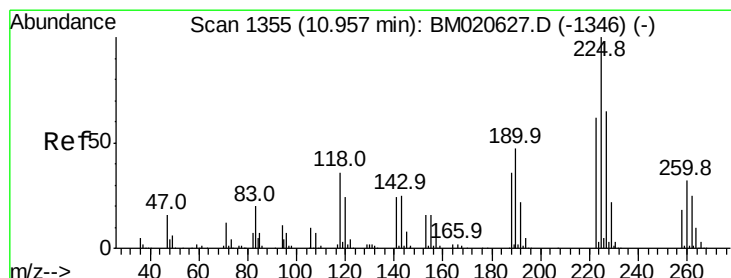
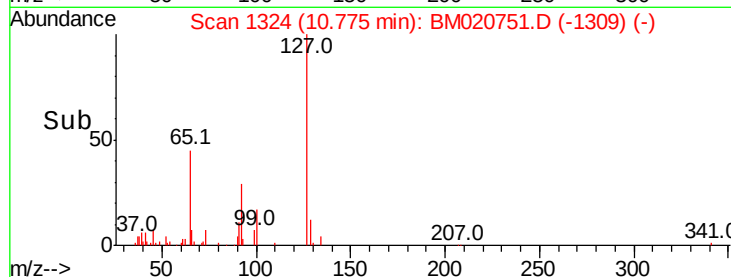
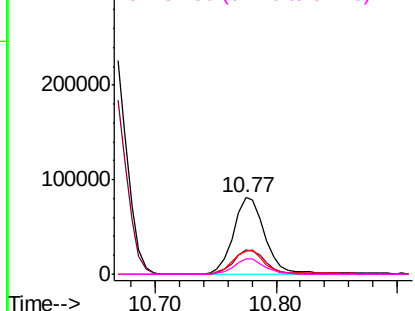
#33
4-Chloroaniline
Concen: 4.647 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:	127	Resp:	150401
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	30.8	27.4	41.0
92	20.0	17.0	25.6

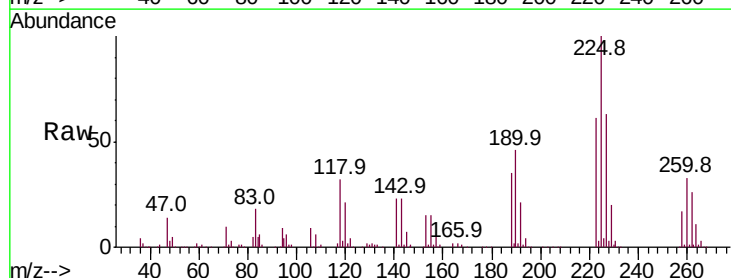


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

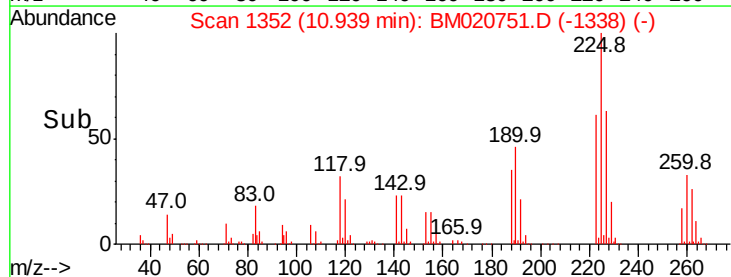
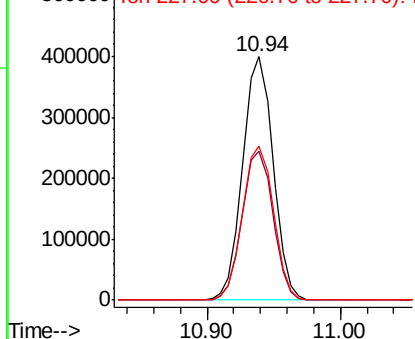


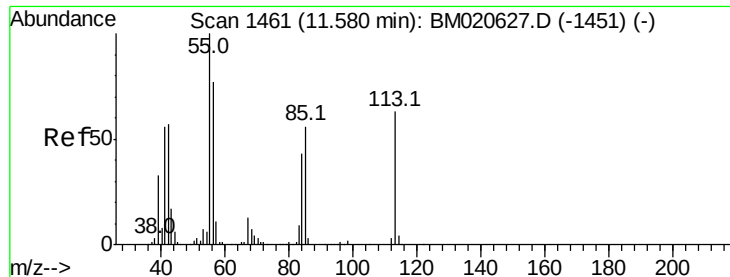
#34
Hexachlorobutadiene
Concen: 44.276 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:	225	Resp:	628904
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	63.4	51.8	77.8



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





#35

Caprolactam

Concen: 31.079 ng

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

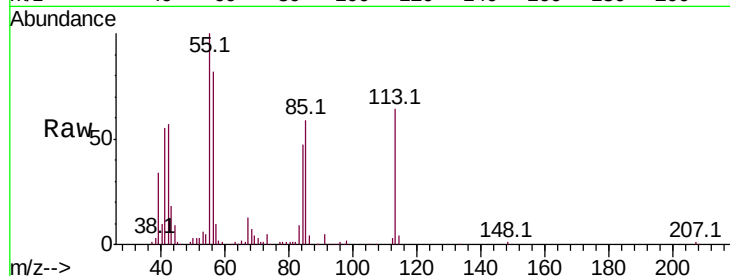
Tot Ion:113 Resp: 222290

Ion Ratio Lower Upper

113 100

55 155.2 138.6 178.6

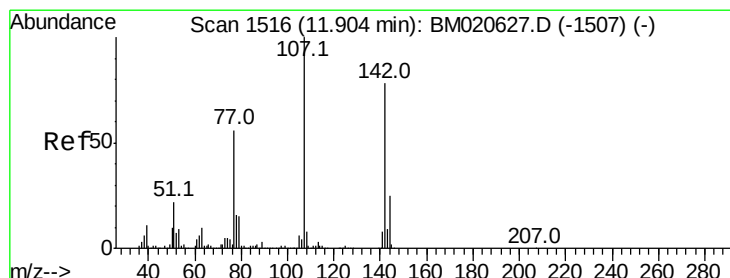
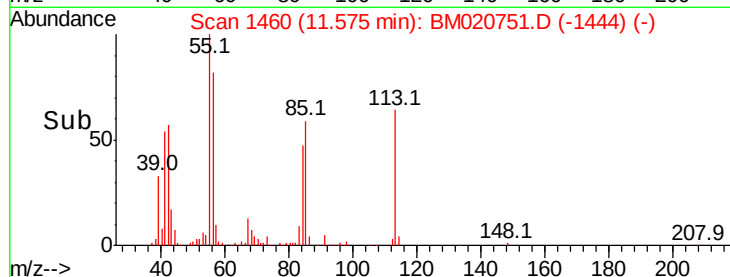
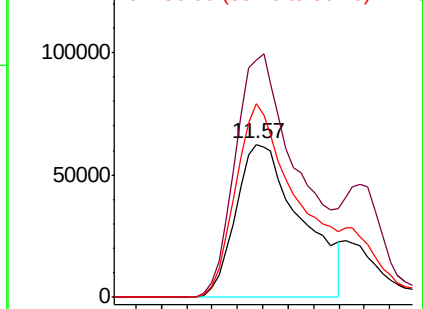
56 126.5 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.764 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

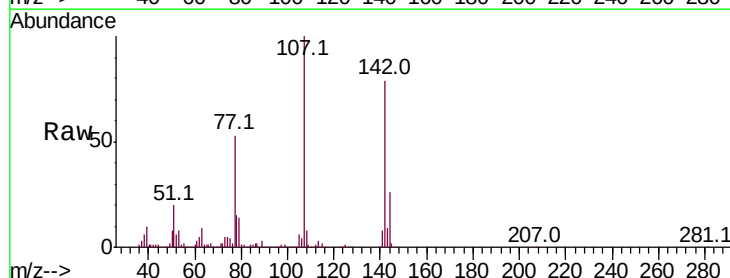
Tgt Ion:107 Resp: 999697

Ion Ratio Lower Upper

107 100

144 25.8 20.3 30.5

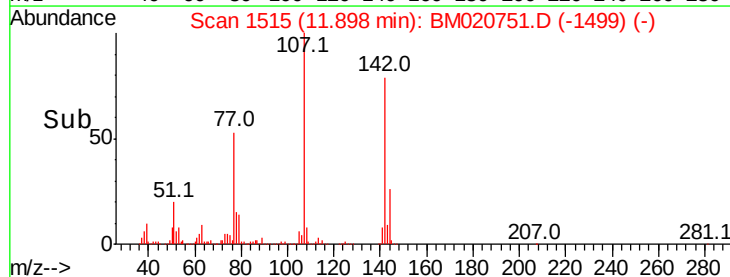
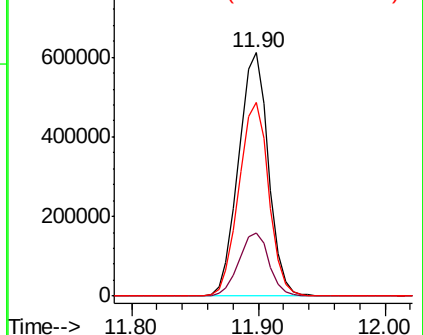
142 79.3 62.6 93.8

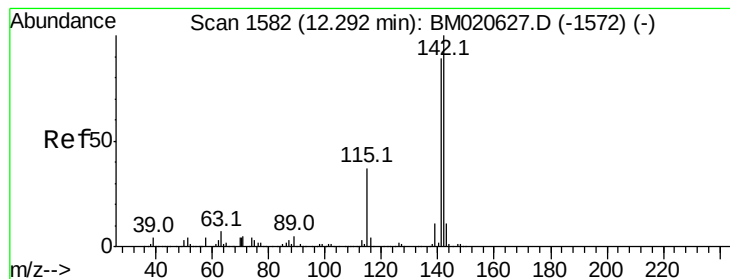


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.456 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

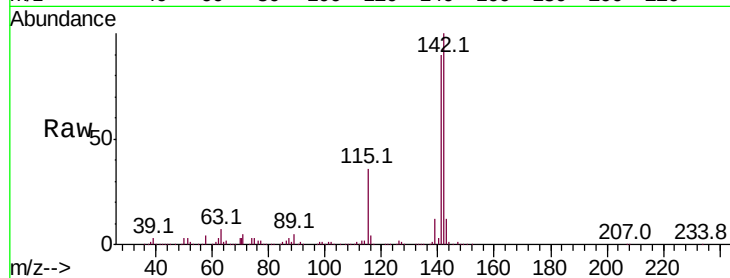
Tot Ion:142 Resp: 2240006

Ion Ratio Lower Upper

142 100

141 89.8 71.6 107.4

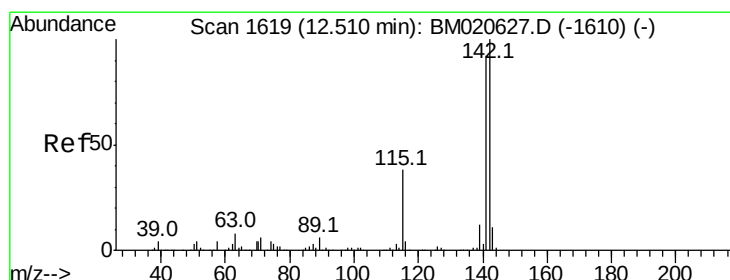
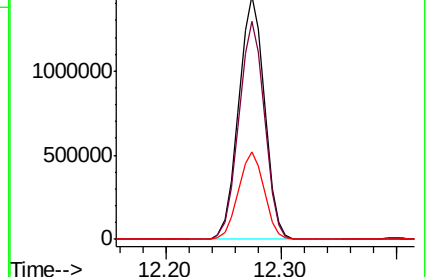
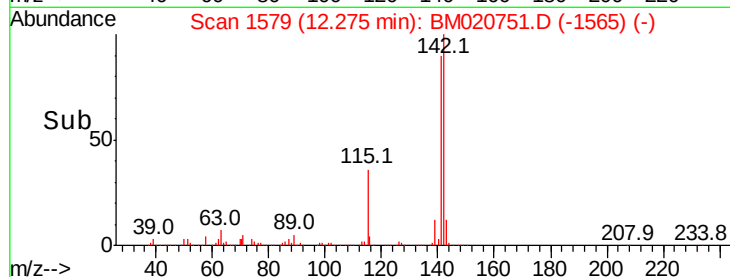
115 35.7 29.6 44.4



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: 42.975 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

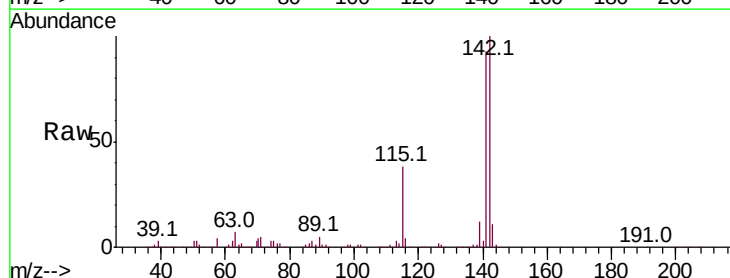
Tgt Ion:142 Resp: 2109269

Ion Ratio Lower Upper

142 100

141 93.4 73.9 110.9

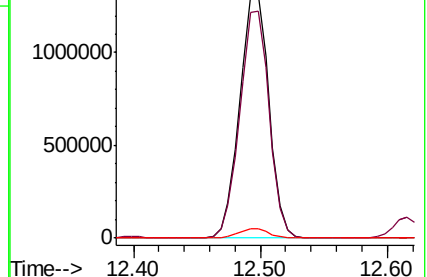
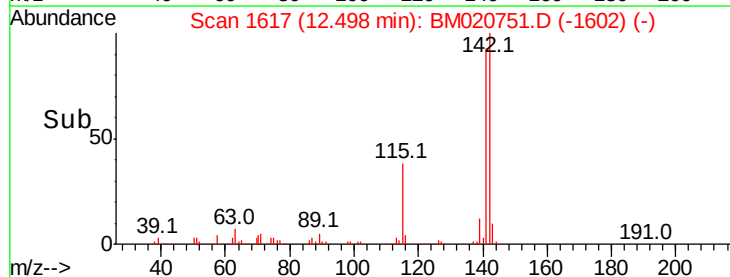
116 3.9 3.2 4.8

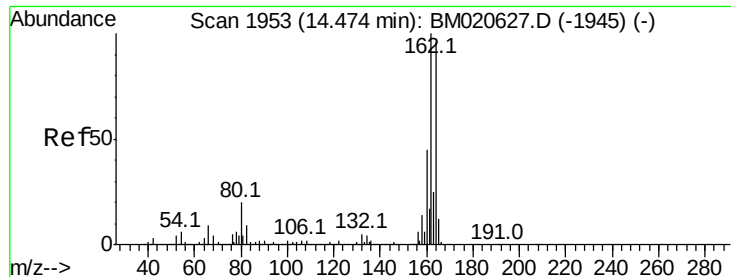


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

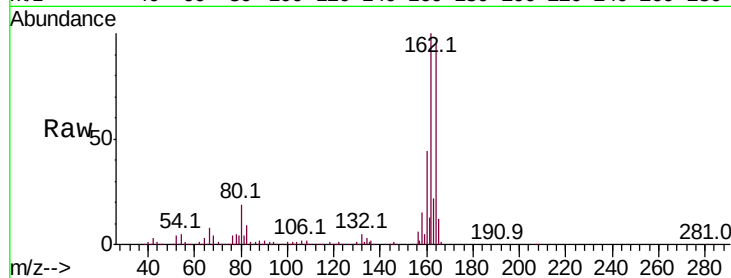
Tot Ion:164 Resp: 707675

Ion Ratio Lower Upper

164 100

162 105.3 83.2 124.8

160 46.3 37.5 56.3

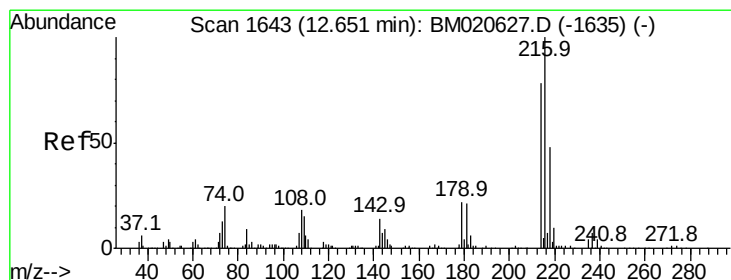
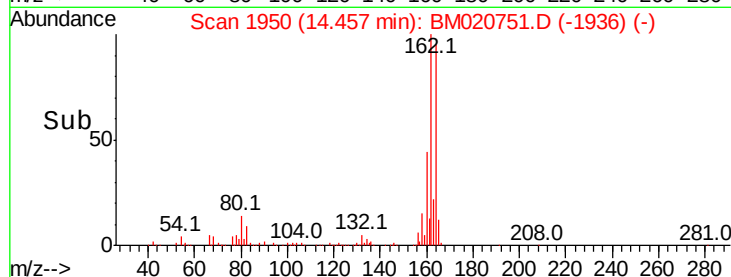
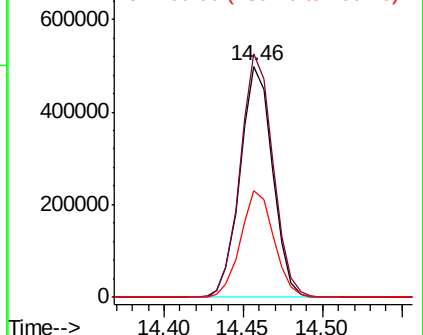


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.196 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Tgt Ion:216 Resp: 1164109

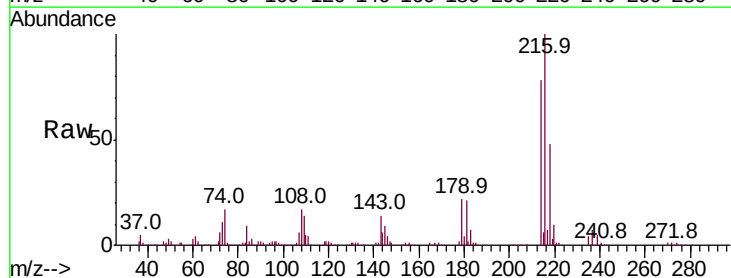
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.7 17.9 26.9

108 19.8 16.2 24.2



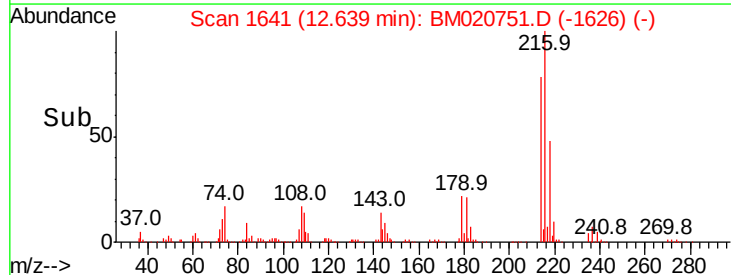
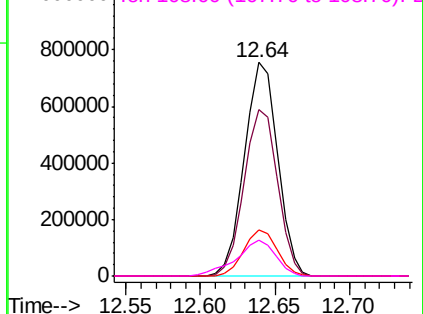
Abundance

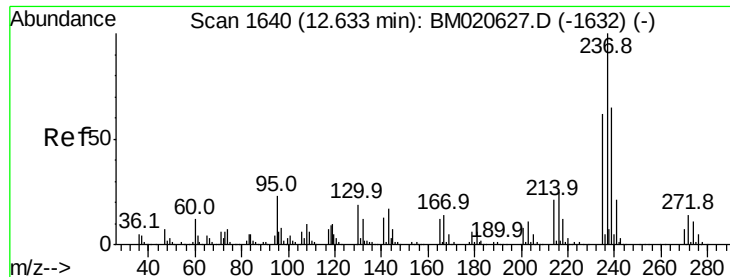
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.338 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

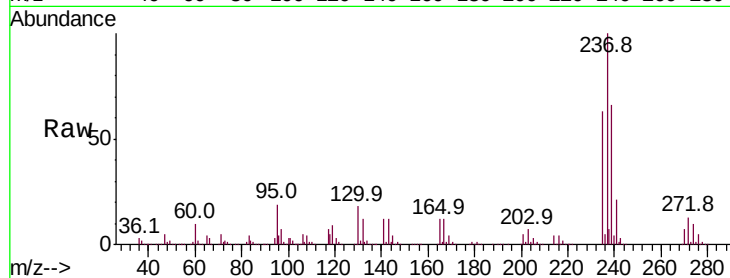
BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:237 Resp: 1336210

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.1	82.1
272	13.5	0.0	33.5

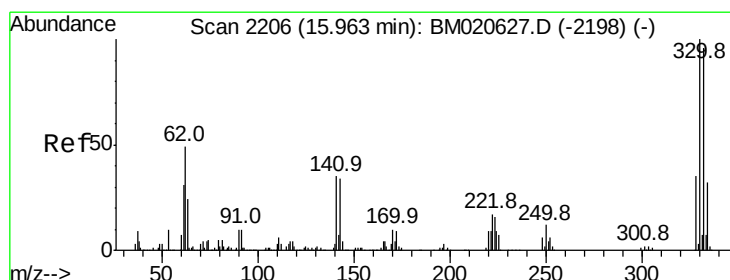
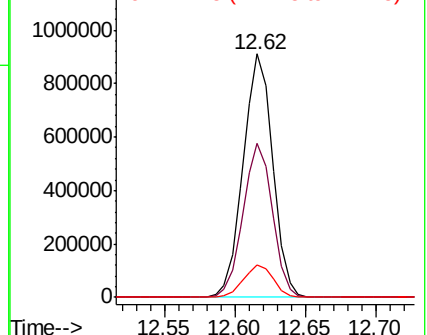
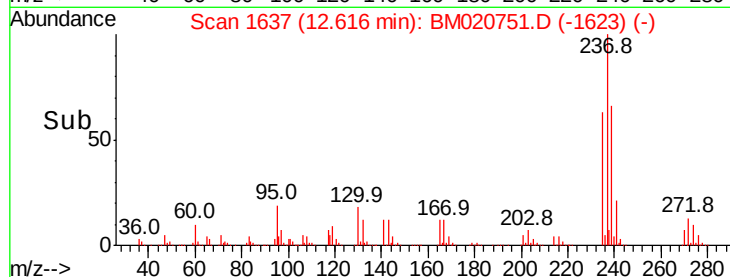


Abundance

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: 147.104 ng

RT: 15.95 min Scan# 2204

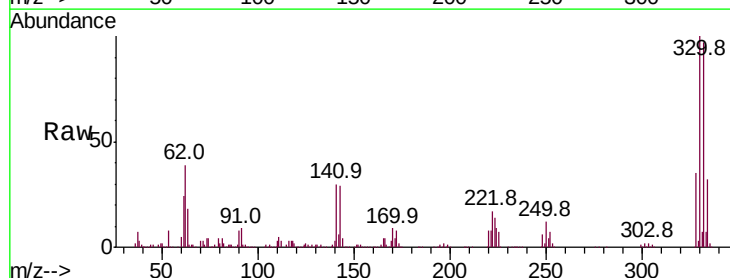
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Tgt Ion:330 Resp: 1289816

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	33.0	30.4	45.6

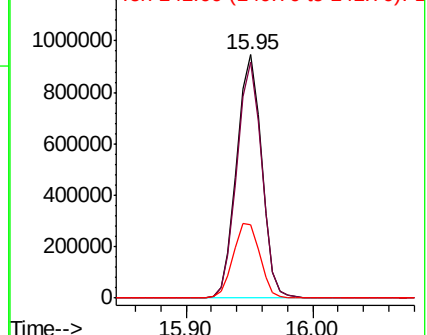
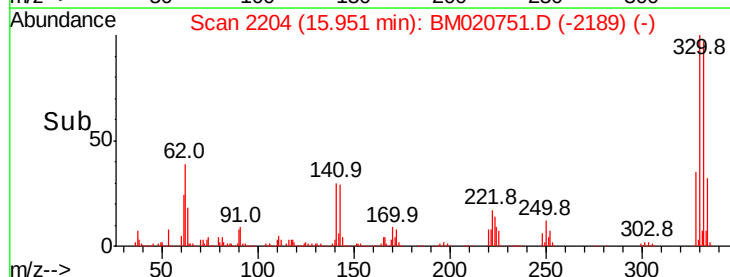


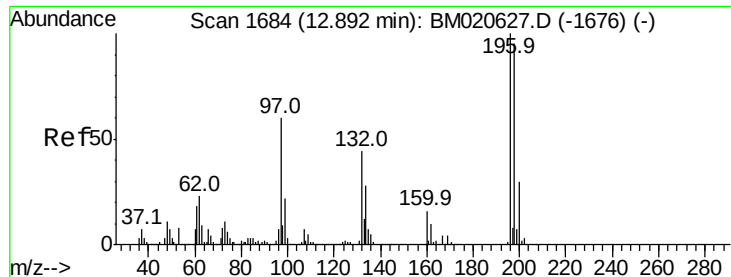
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

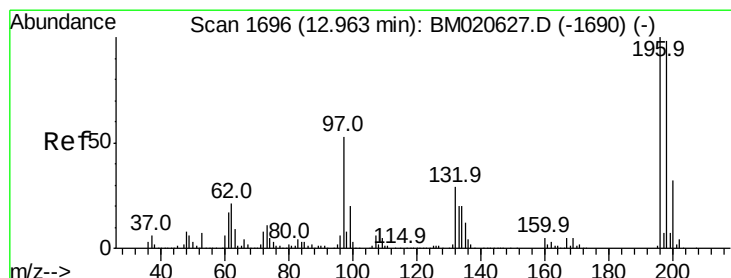
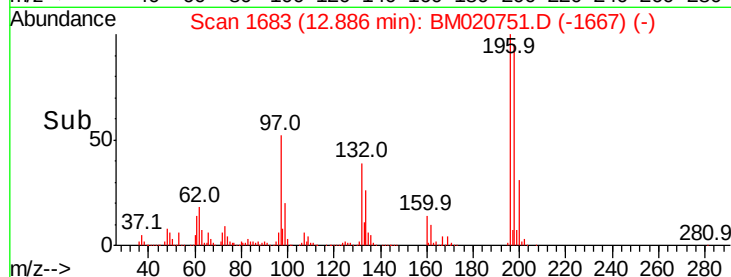
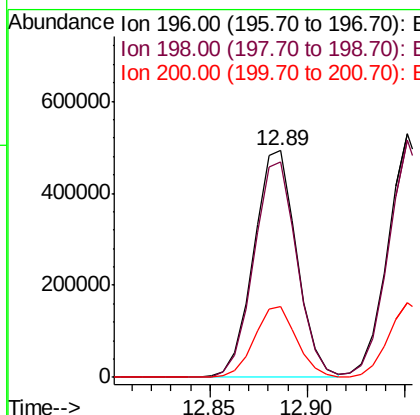
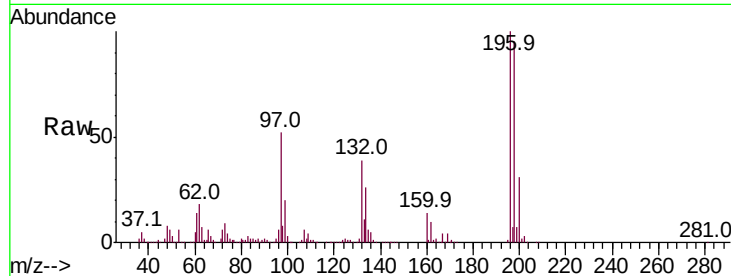




#43
 2,4,6-Trichlorophenol
 Concen: 50.183 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

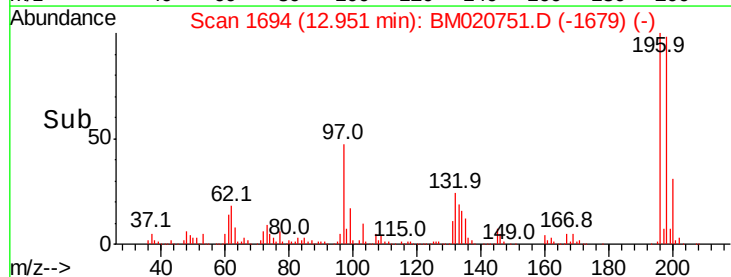
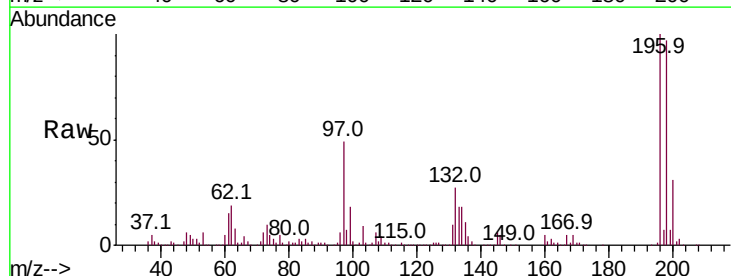
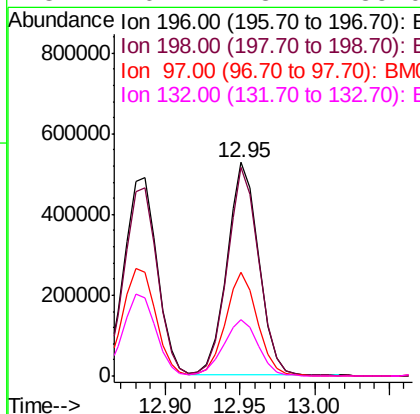
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

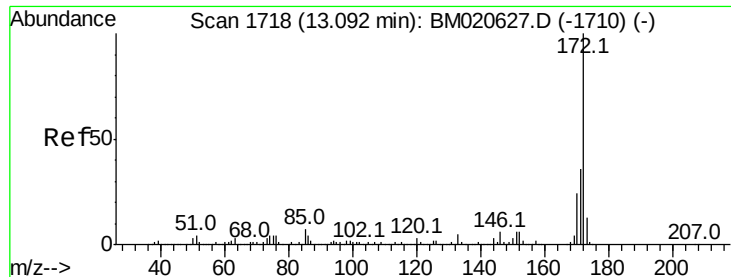
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	31.0	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 51.060 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.6	117.8
97	48.7	42.7	64.1
132	26.7	23.4	35.0



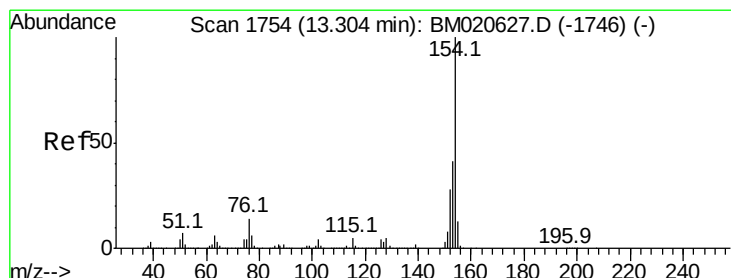
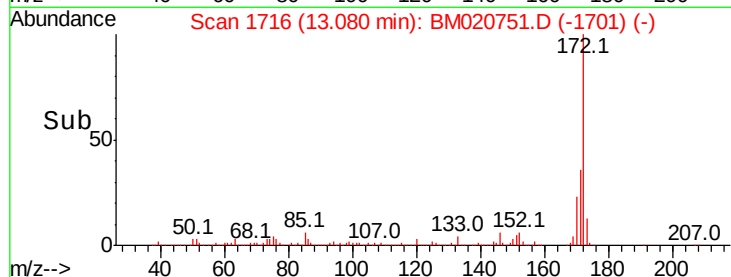
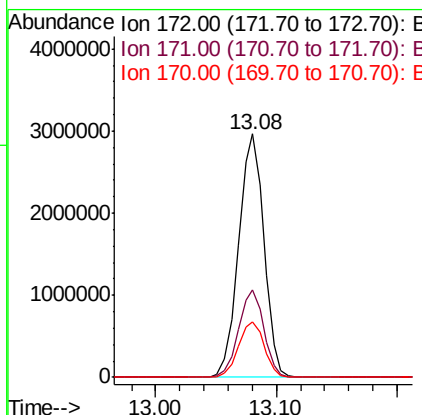
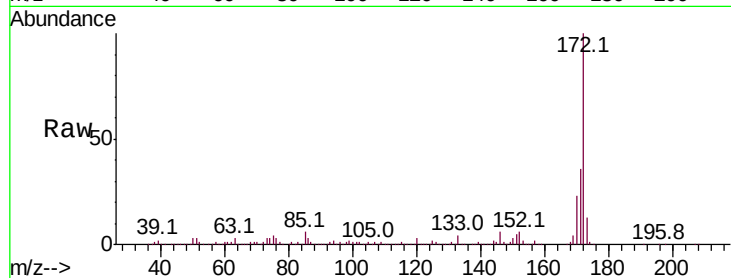


#45
2-Fluorobiphenyl
Concen: 81.336 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:172 Resp: 4329592

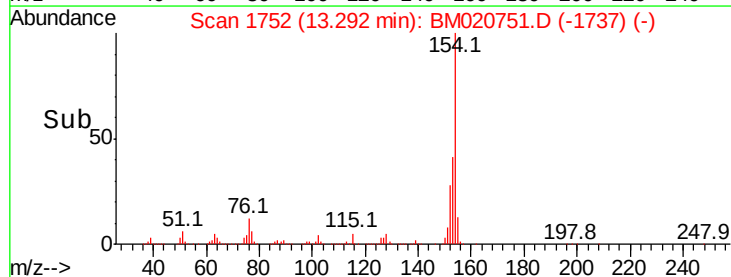
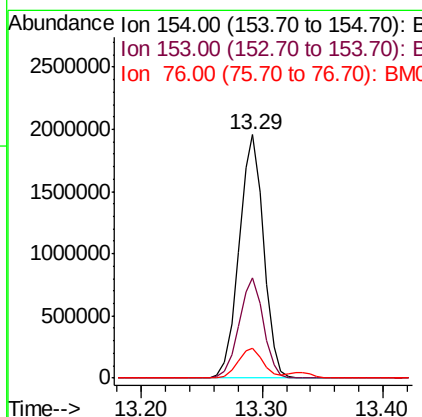
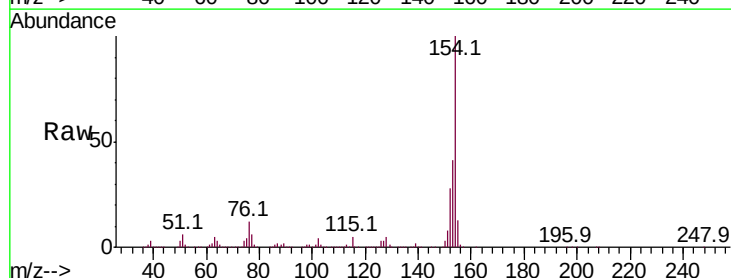
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.0	18.9	28.3

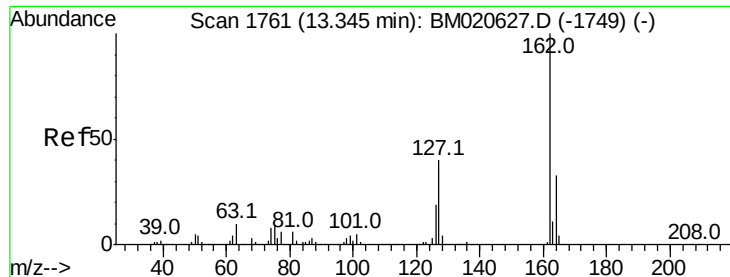


#46
1,1'-Biphenyl
Concen: 46.751 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:154 Resp: 2763124

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.2	0.0	34.0

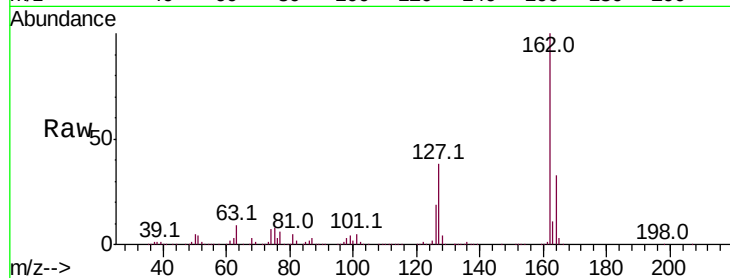




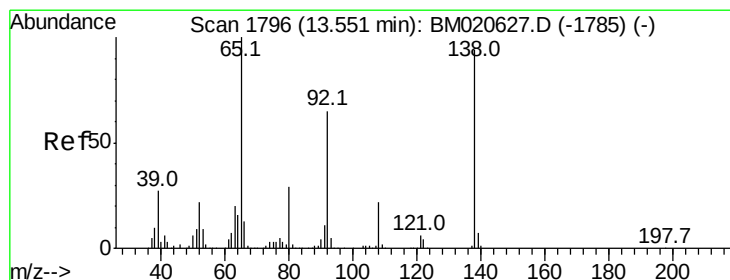
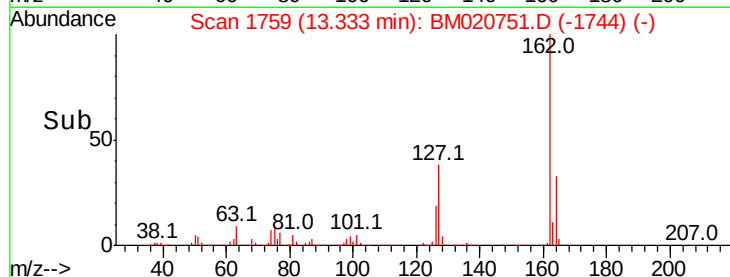
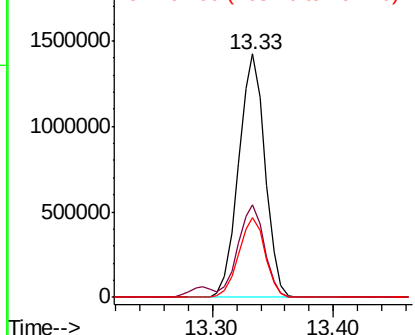
#47
2-Chloronaphthalene
Concen: 45.384 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:162 Resp: 2164880
Ion Ratio Lower Upper
162 100
127 38.0 32.1 48.1
164 32.7 26.6 39.8

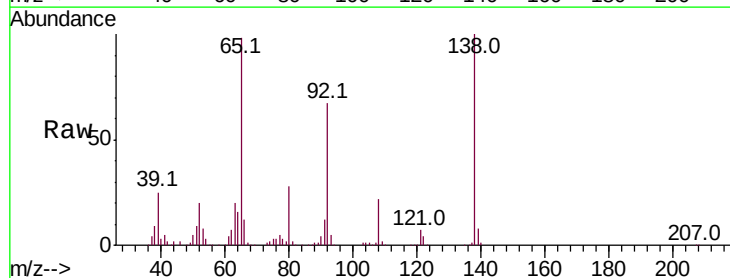


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

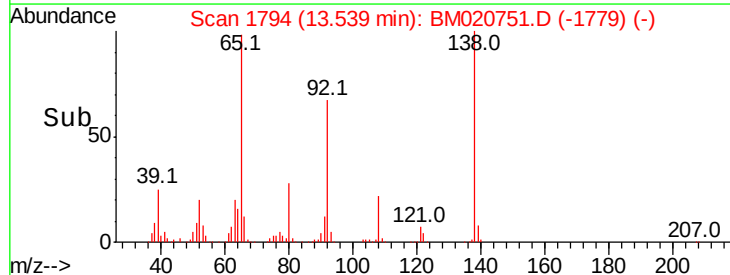
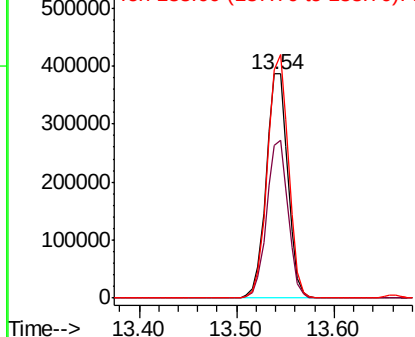


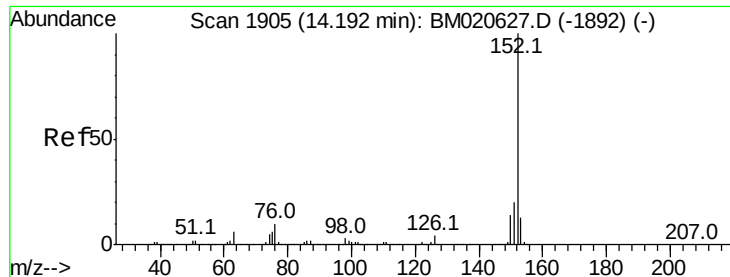
#48
2-Nitroaniline
Concen: 40.307 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion: 65 Resp: 603463
Ion Ratio Lower Upper
65 100
92 68.3 52.2 78.4
138 101.7 75.4 113.0



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





#49

Acenaphthylene

Concen: 45.038 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

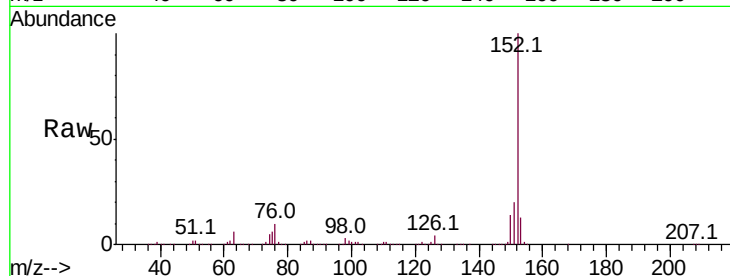
BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:152 Resp: 3352078

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	15.8

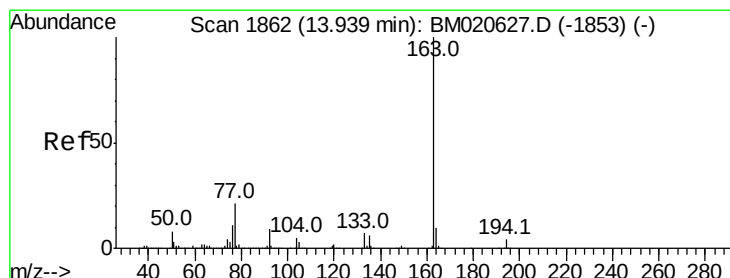
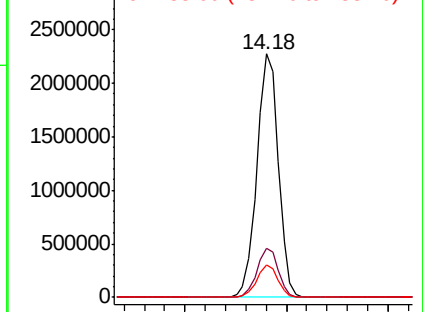
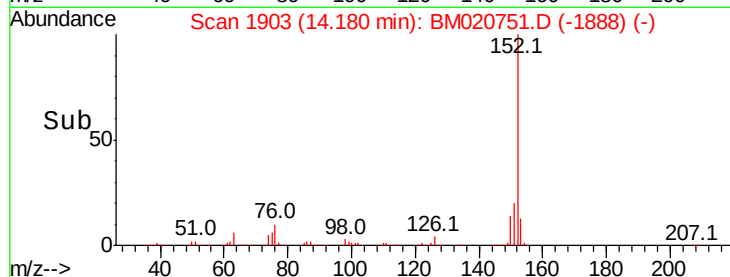


Abundance

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: 54.378 ng

RT: 13.92 min Scan# 1859

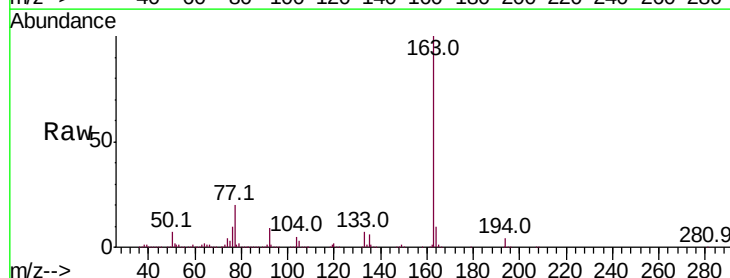
Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Tgt Ion:163 Resp: 3287712

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.9	11.9

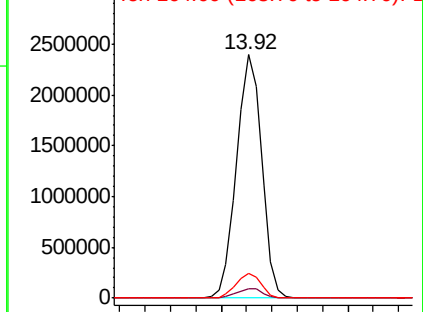
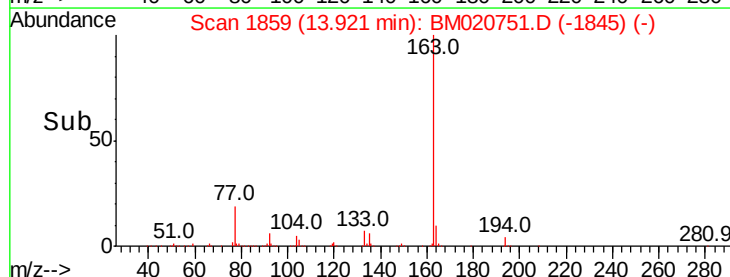


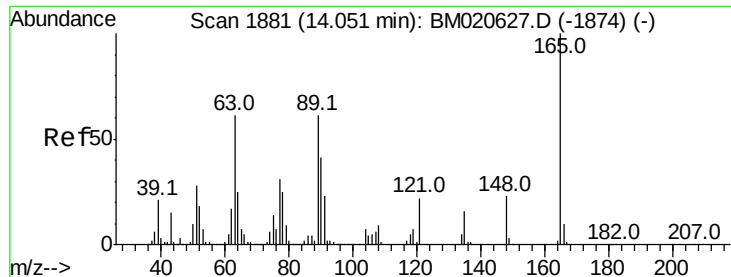
Abundance

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

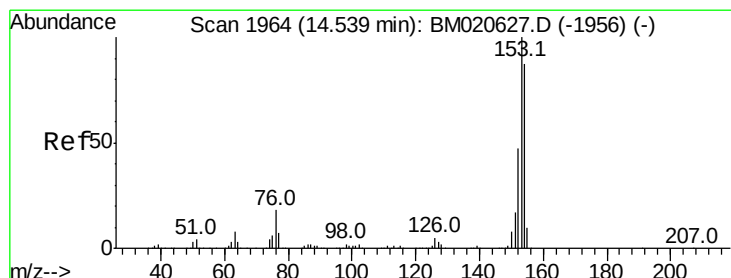
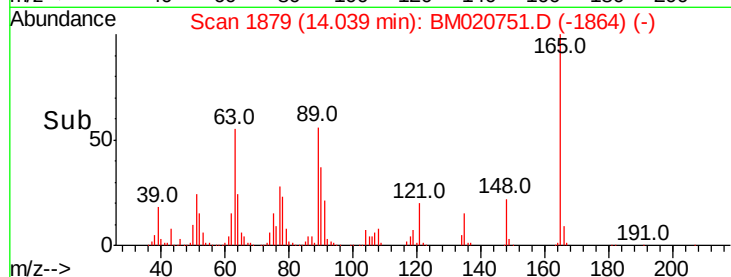
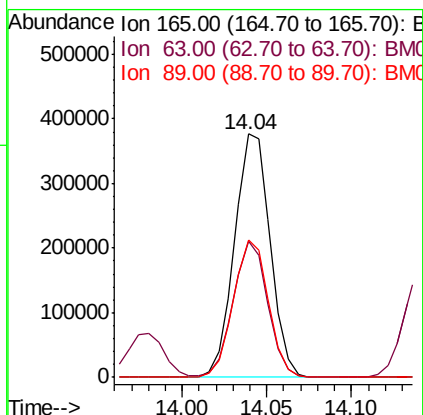
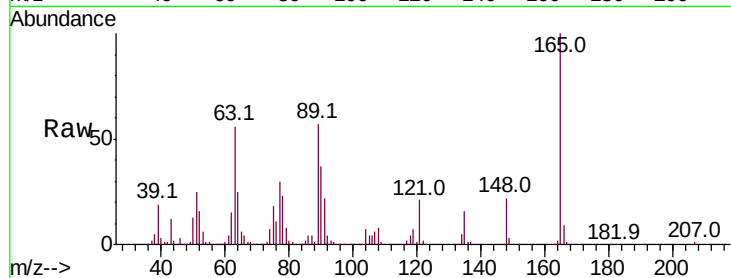




#51
2,6-Dinitrotoluene
Concen: 44.998 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

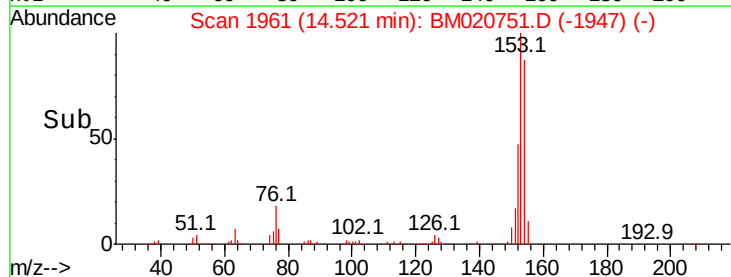
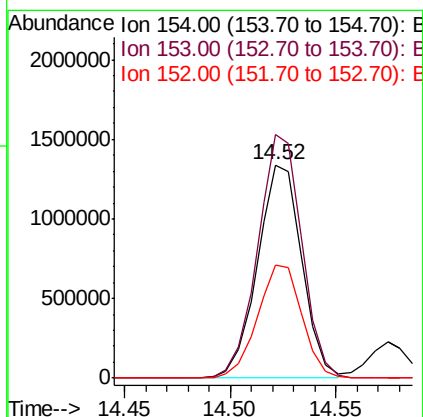
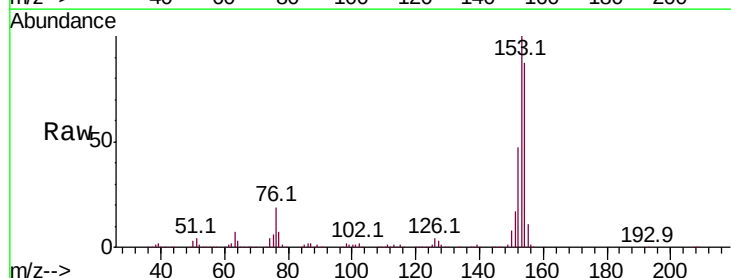
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

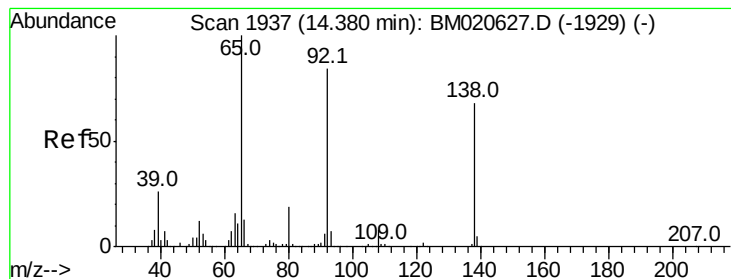
Tot Ion:165 Resp: 552411
Ion Ratio Lower Upper
165 100
63 56.0 50.4 75.6
89 56.6 49.1 73.7



#52
Acenaphthene
Concen: 44.023 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:154 Resp: 1952636
Ion Ratio Lower Upper
154 100
153 114.4 92.4 138.6
152 53.4 43.4 65.0





#53

3-Nitroaniline

Concen: 14.100 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

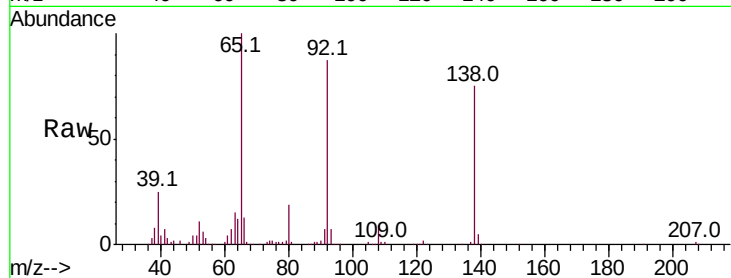
Tot Ion:138 Resp: 193210

Ion Ratio Lower Upper

138 100

108 11.5 9.5 14.3

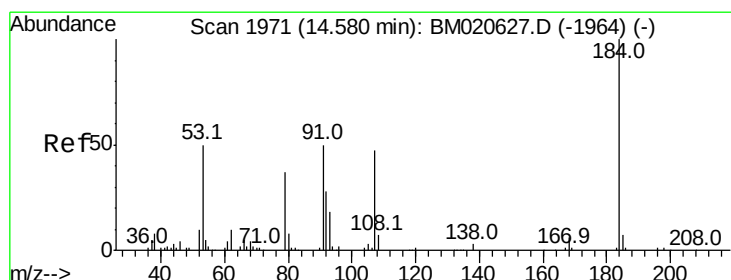
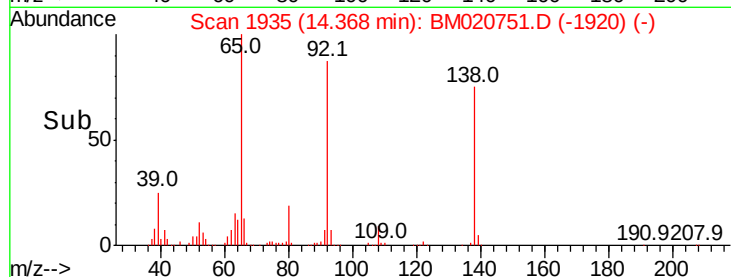
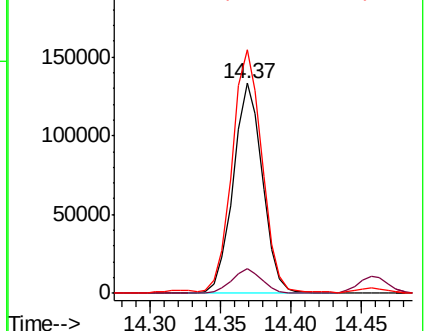
92 115.9 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 84.192 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

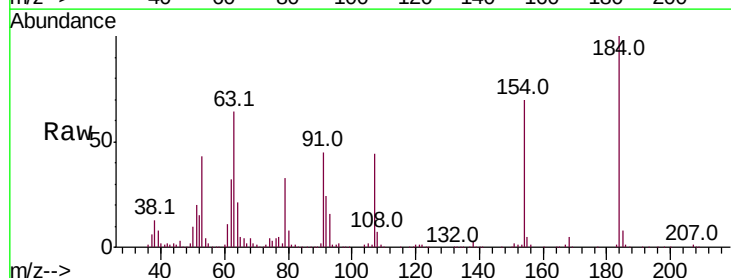
Tgt Ion:184 Resp: 446859

Ion Ratio Lower Upper

184 100

63 63.7 59.3 88.9

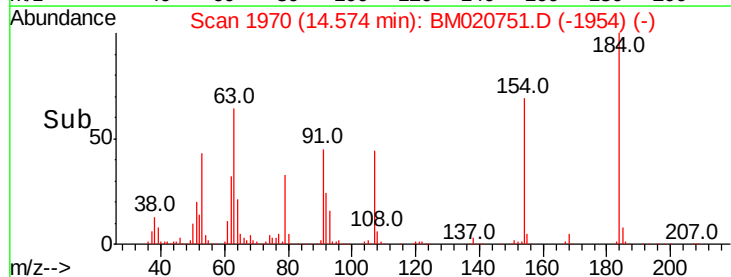
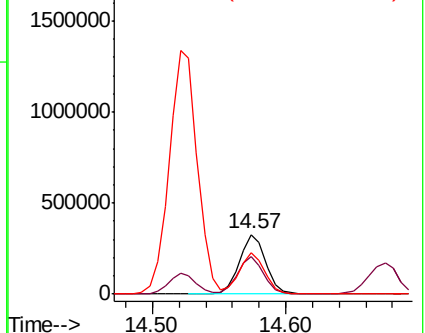
154 69.5 56.5 84.7

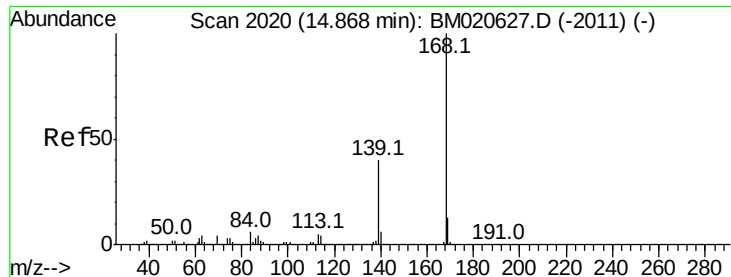


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

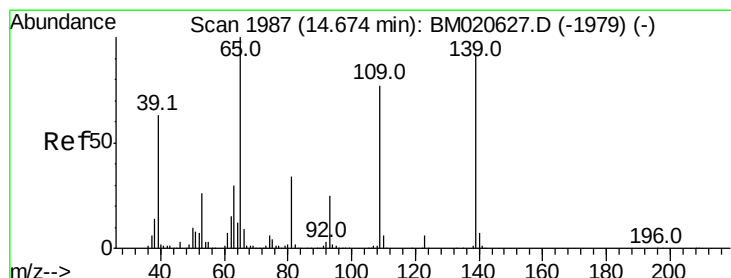
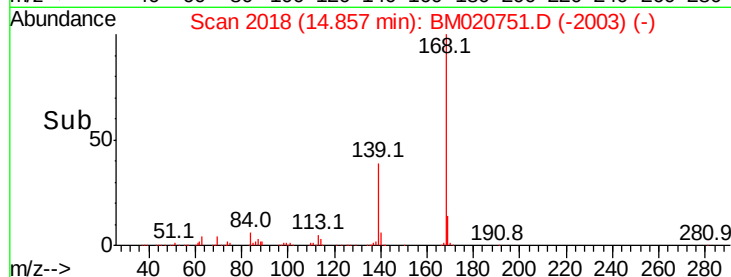
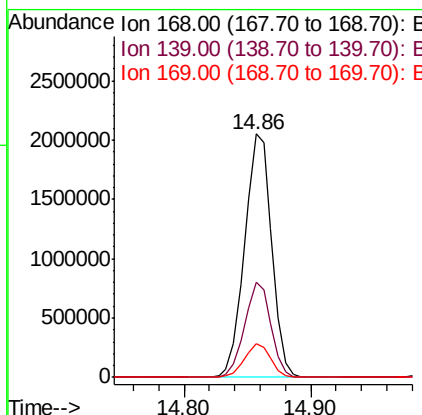
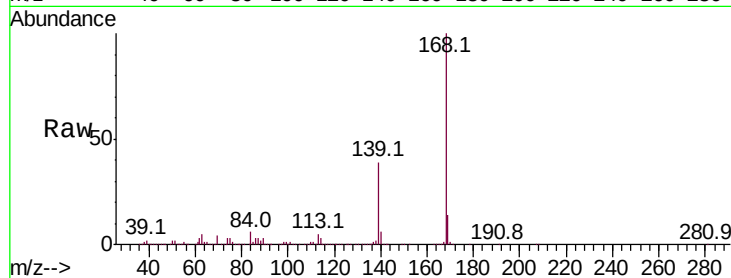




#55
Dibenzofuran
Concen: 43.909 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

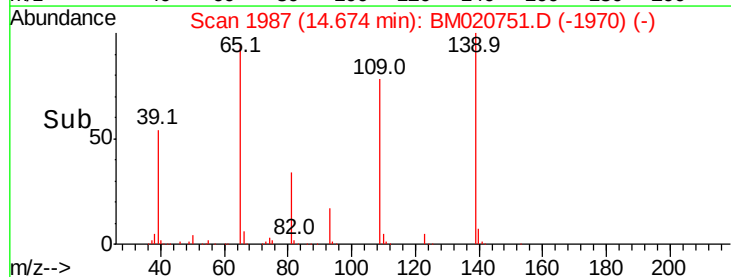
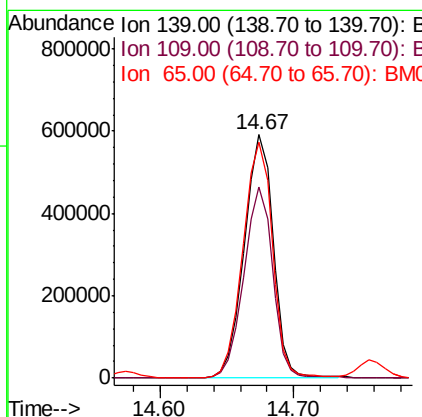
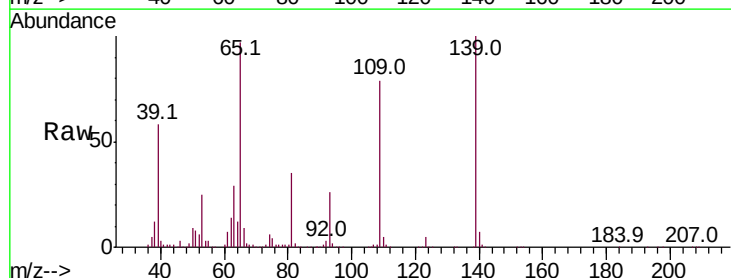
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

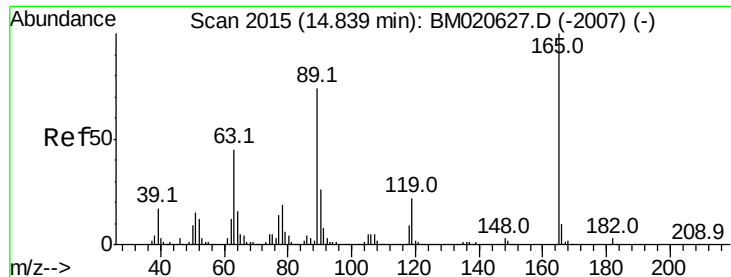
Tot Ion:168 Resp: 3024805
Ion Ratio Lower Upper
168 100
139 39.1 31.9 47.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 87.894 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:139 Resp: 887510
Ion Ratio Lower Upper
139 100
109 78.6 62.7 102.7
65 96.9 88.3 128.3

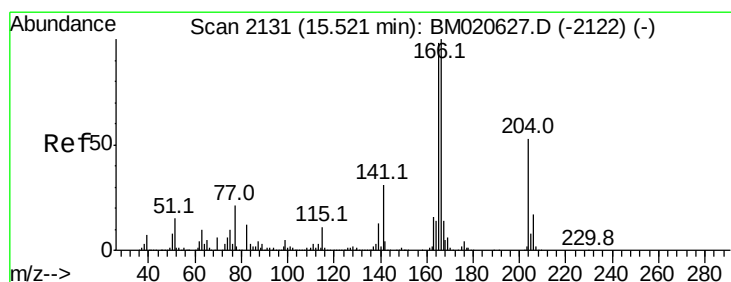
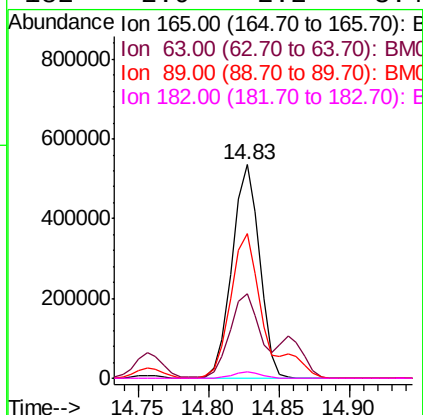
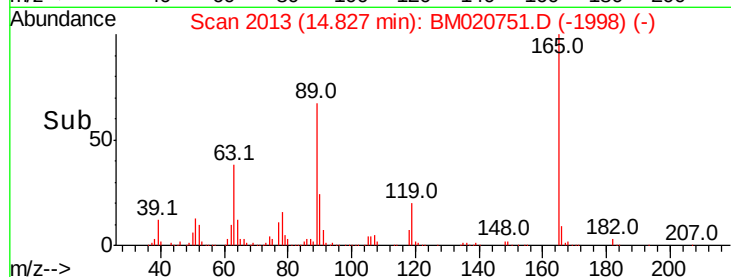
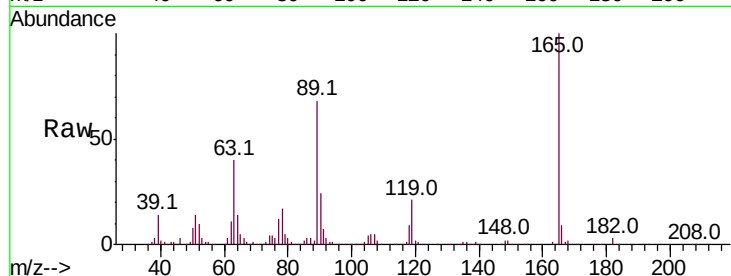




#57
2,4-Dinitrotoluene
Concen: 44.339 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

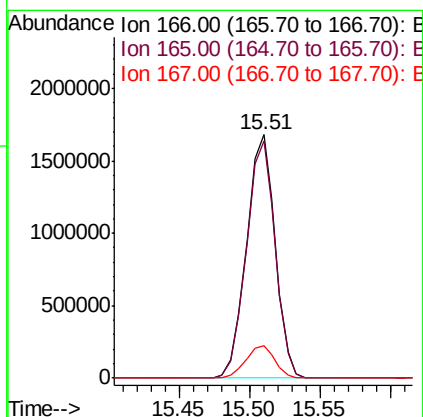
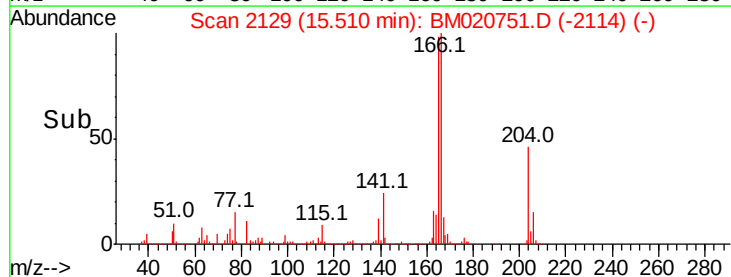
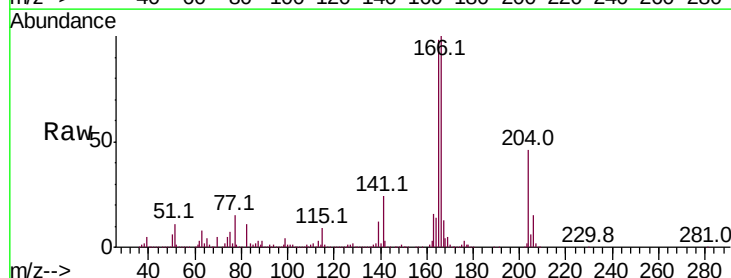
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

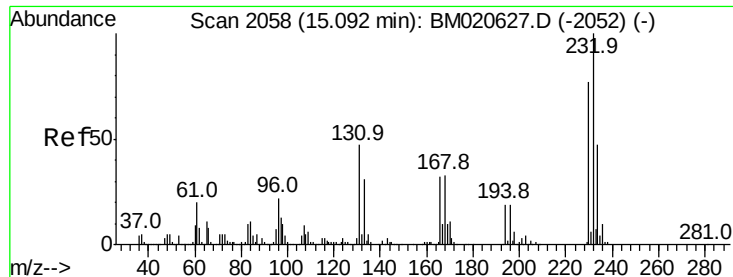
Tot Ion:	165	Resp:	728822
Ion	Ratio	Lower	Upper
165	100		
63	39.8	36.3	54.5
89	67.6	59.0	88.6
182	2.9	2.2	3.4



#58
Fluorene
Concen: 42.293 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:	166	Resp:	2395957
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.3	11.0	16.4

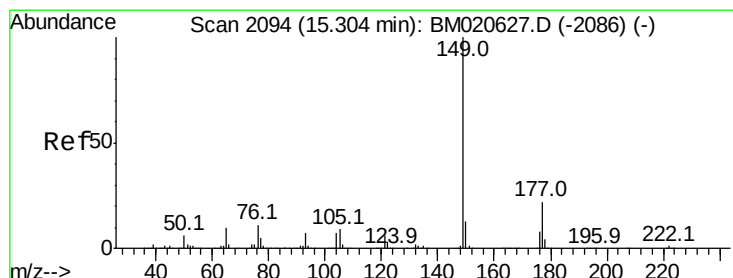
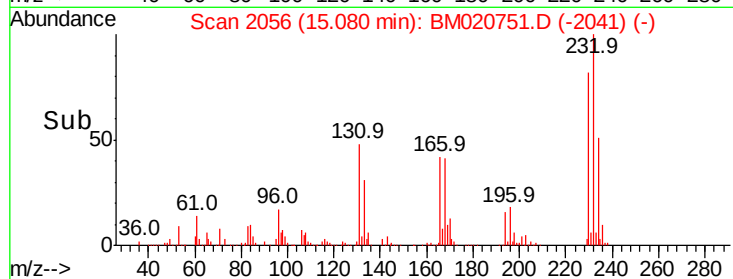
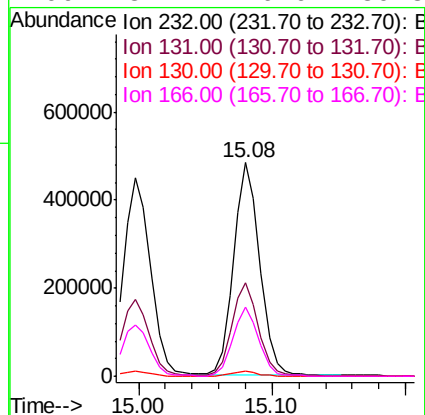
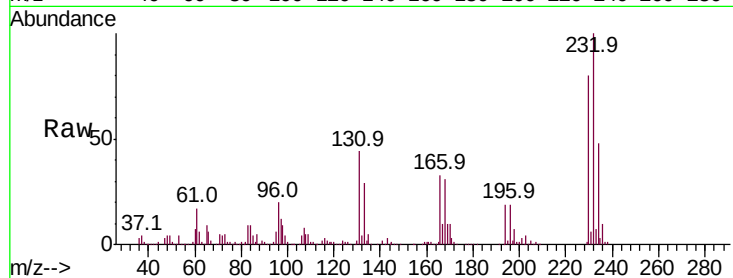




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.174 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

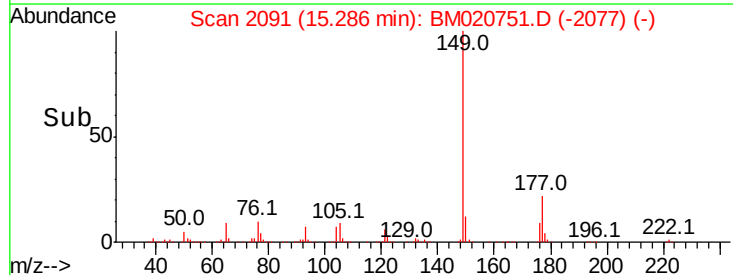
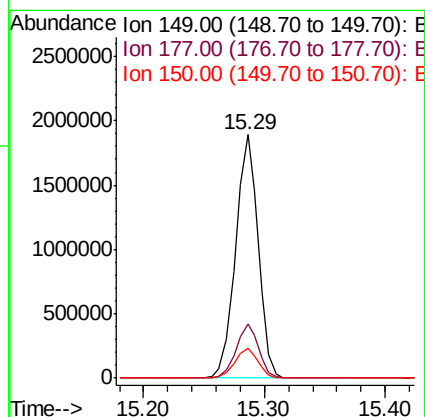
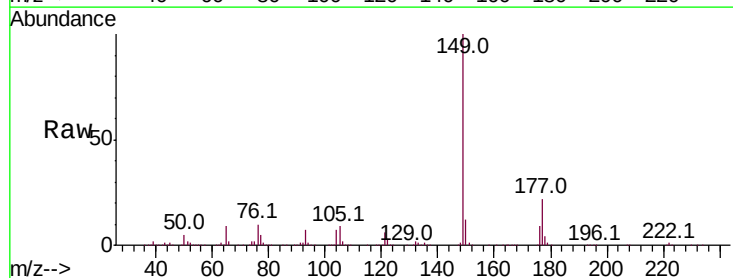
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

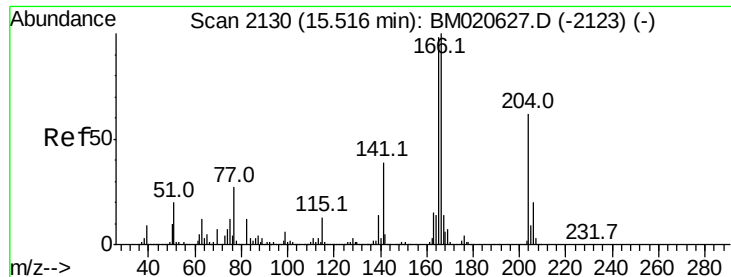
Tot Ion:	232	Resp:	660359
Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.6	57.8
130	2.5	2.2	3.2
166	32.1	26.6	39.8



#60
 Diethylphthalate
 Concen: 39.295 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Tgt Ion:	149	Resp:	2450262
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.3	10.1	15.1

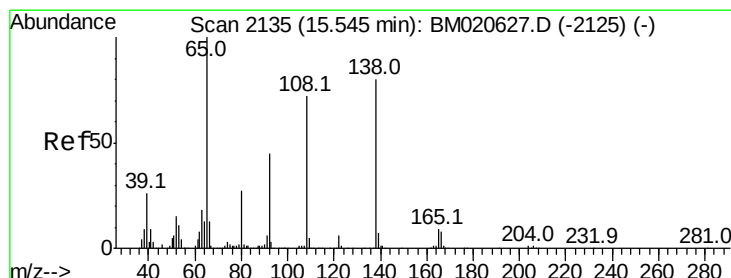
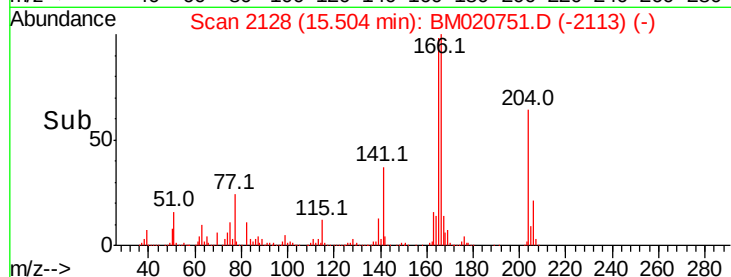
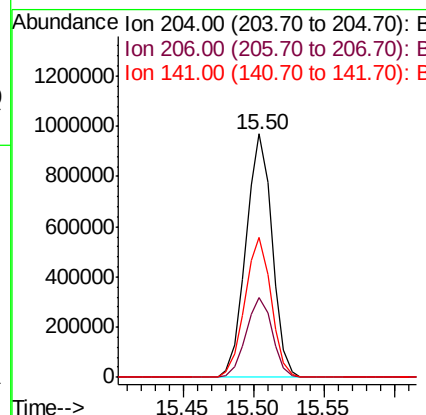
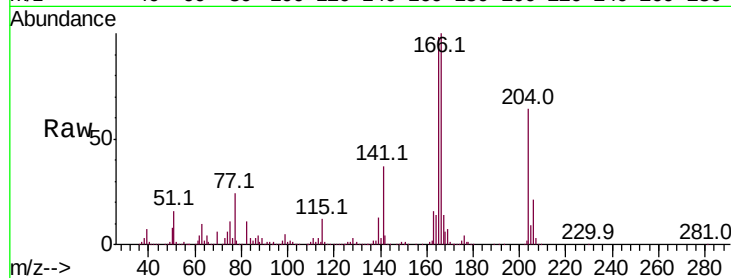




#61
4-Chlorophenyl-phenylether
Concen: 41.998 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

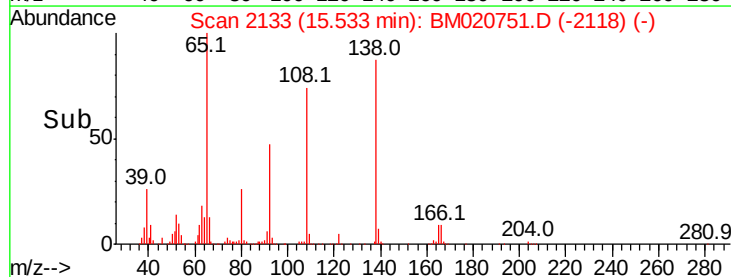
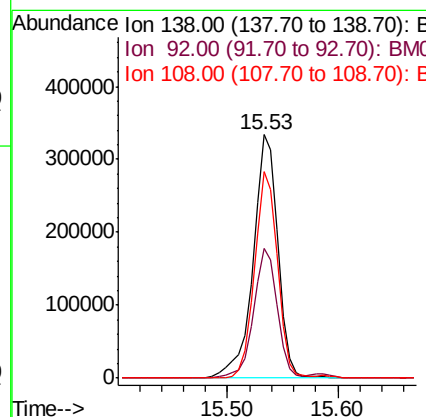
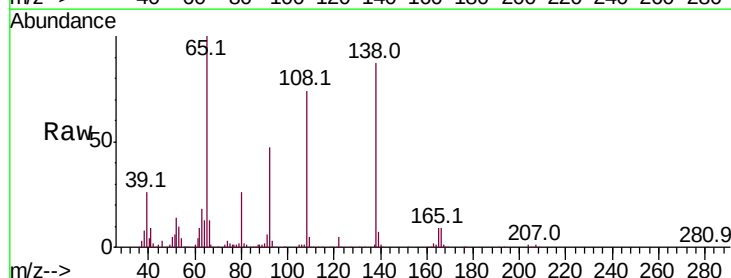
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

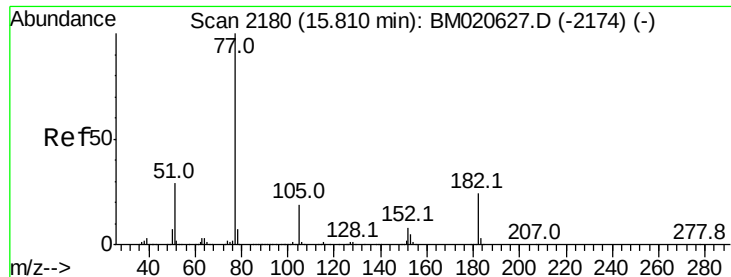
Tot Ion:204 Resp: 1259732
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.7 50.2 75.4



#62
4-Nitroaniline
Concen: 36.194 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:138 Resp: 525988
Ion Ratio Lower Upper
138 100
92 53.2 36.7 76.7
108 84.6 70.3 110.3





#63

Azobenzene

Concen: 37.855 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion: 77 Resp: 2263005

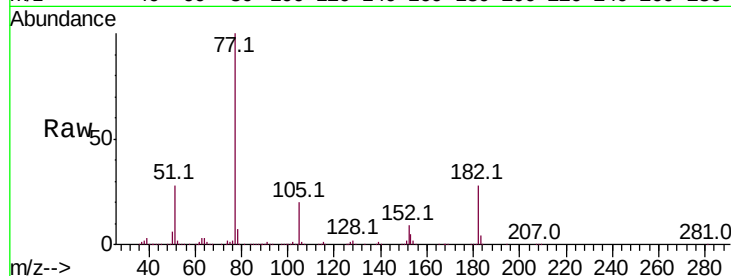
Ion	Ratio	Lower	Upper
77	100		
182	27.8	3.6	43.6
105	20.0	0.0	39.4
51	27.7	9.5	49.5

77 100

182 27.8 3.6 43.6

105 20.0 0.0 39.4

51 27.7 9.5 49.5



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

2500000

2000000

1500000

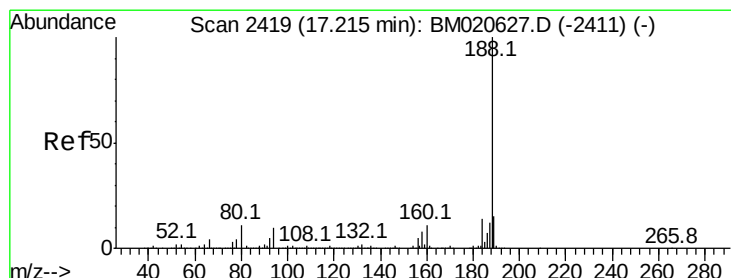
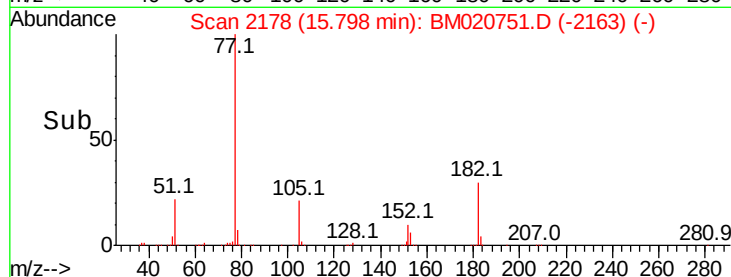
1000000

500000

0

15.70 15.80

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

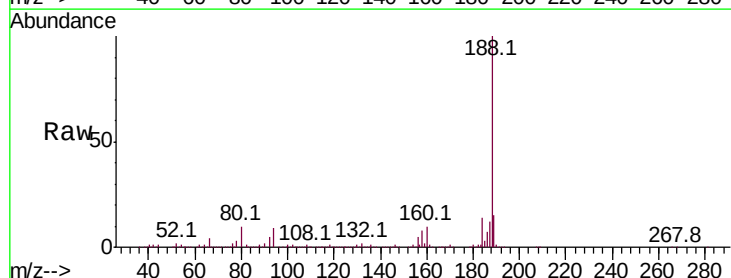
Tgt Ion: 188 Resp: 1386468

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.8
80	9.8	9.0	13.6

188 100

94 8.7 7.8 11.8

80 9.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

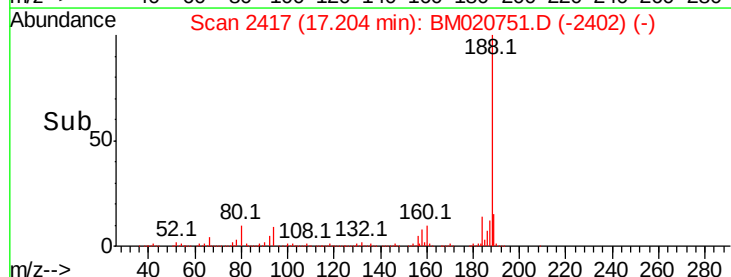
1000000

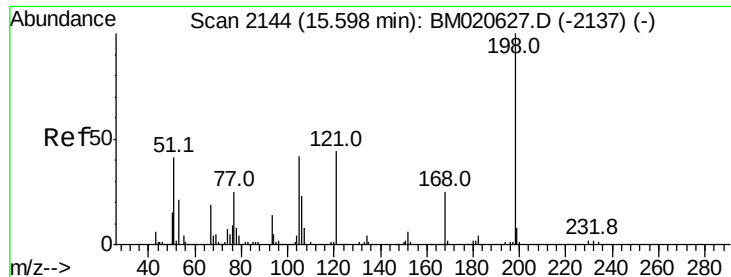
500000

0

17.20

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 46.002 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

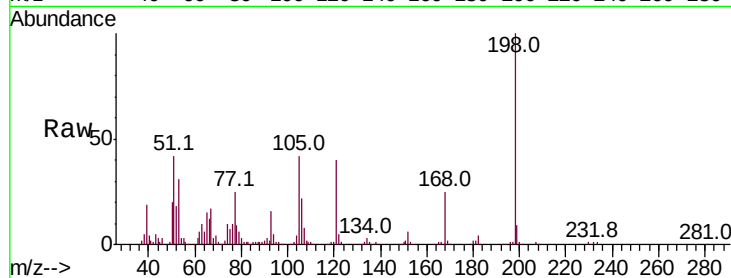
Tot Ion:198 Resp: 287366

Ion Ratio Lower Upper

198 100

51 41.8 27.7 67.7

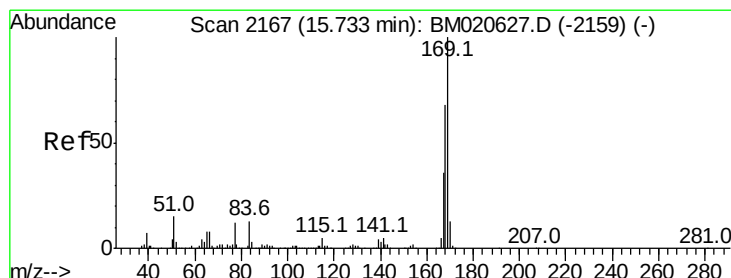
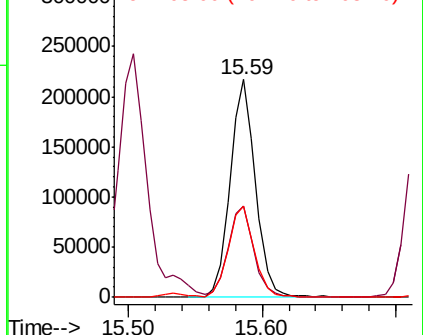
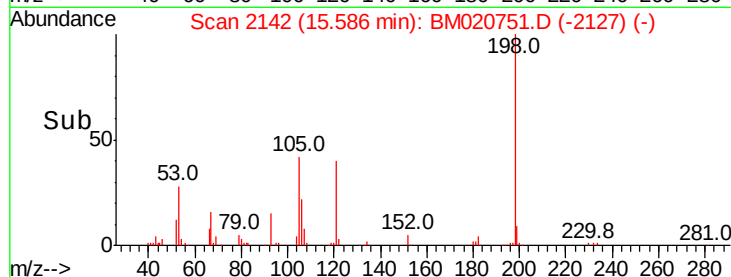
105 42.1 23.8 63.8



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: 46.493 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

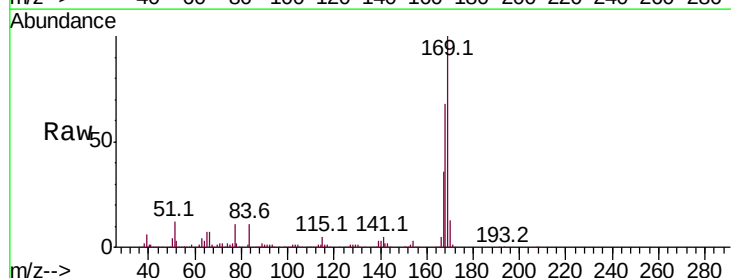
Tgt Ion:169 Resp: 2063540

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

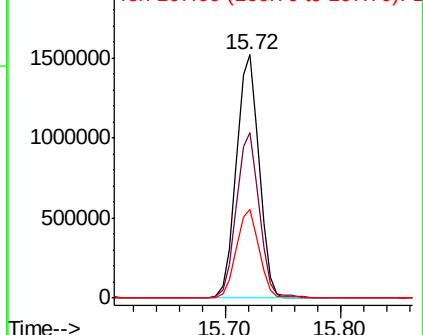
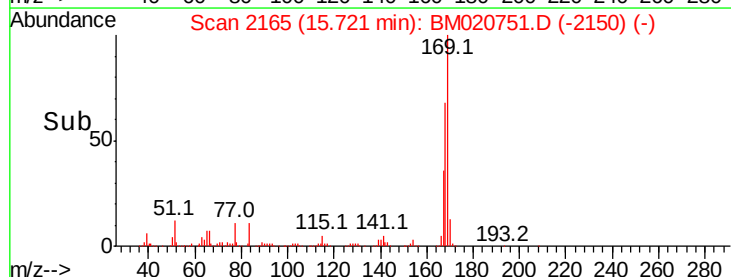
167 36.4 29.1 43.7

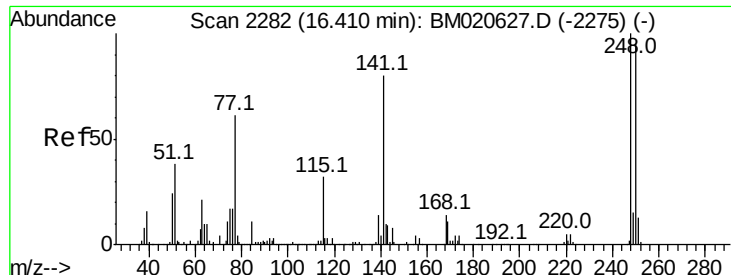


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

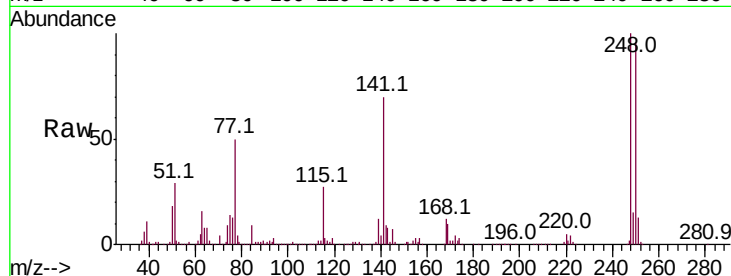




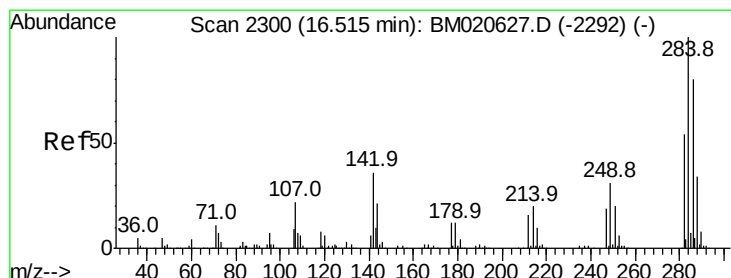
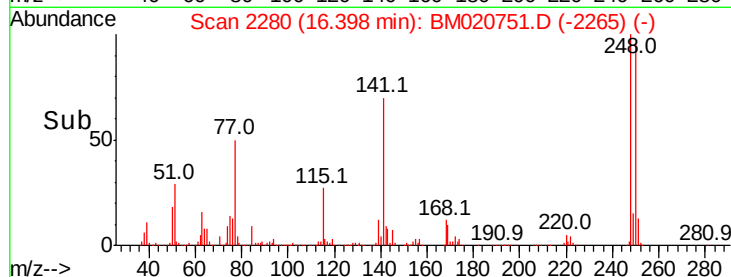
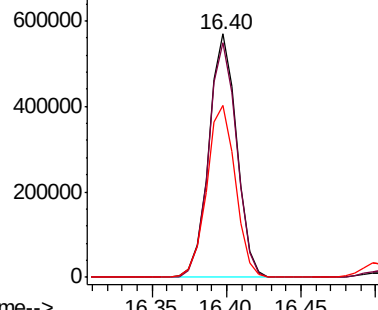
#67
4-Bromophenyl-phenylether
Concen: 45.166 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:248 Resp: 737294
Ion Ratio Lower Upper
248 100
250 96.3 76.3 114.5
141 70.4 64.2 96.2

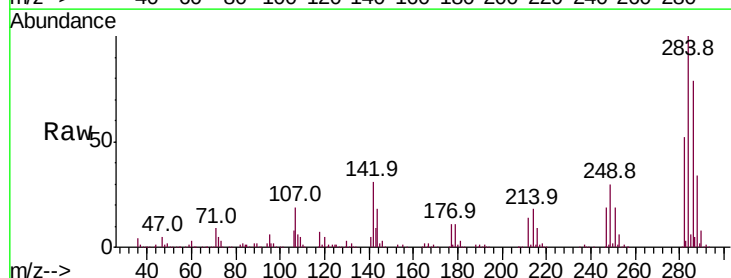


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

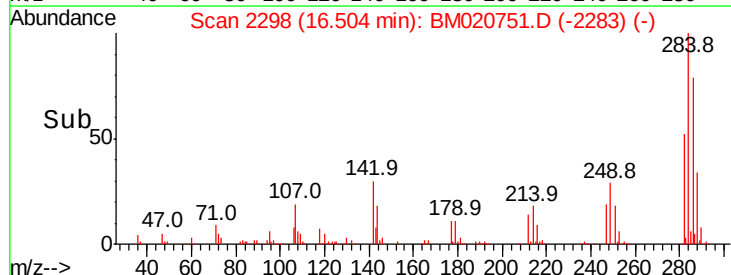
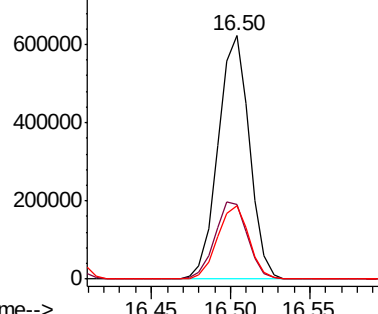


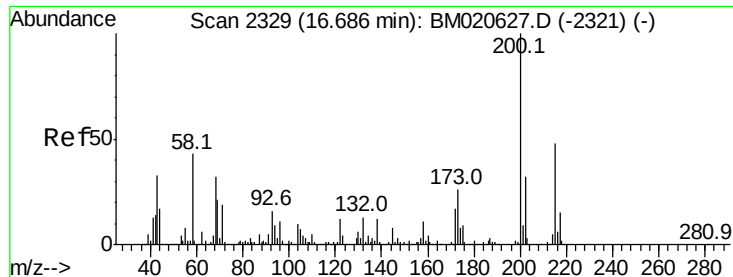
#68
Hexachlorobenzene
Concen: 44.761 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:284 Resp: 853231
Ion Ratio Lower Upper
284 100
142 30.8 28.6 42.8
249 30.1 25.0 37.4



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





#69

Atrazine

Concen: 48.901 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

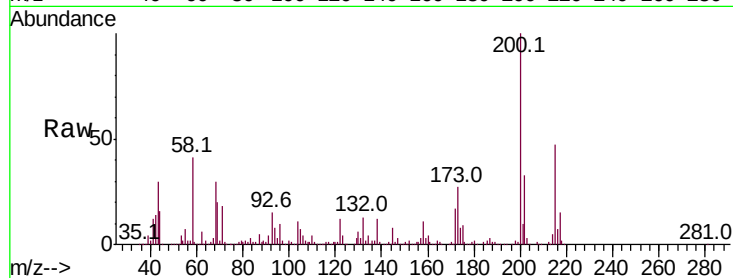
Tot Ion:200 Resp: 647769

Ion Ratio Lower Upper

200 100

173 26.6 6.2 46.2

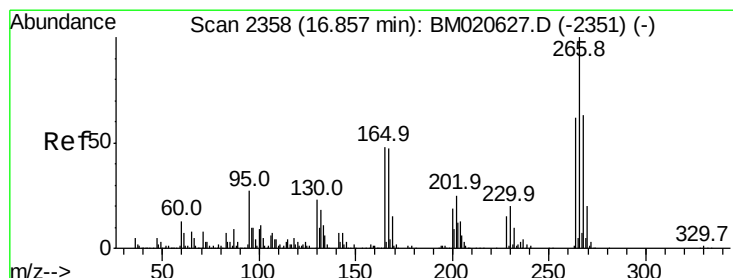
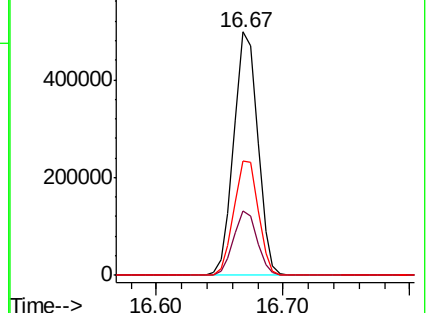
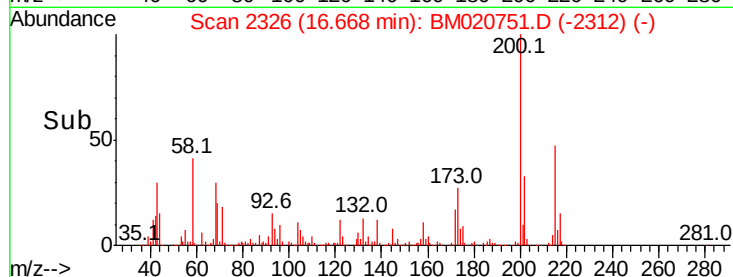
215 46.9 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.570 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

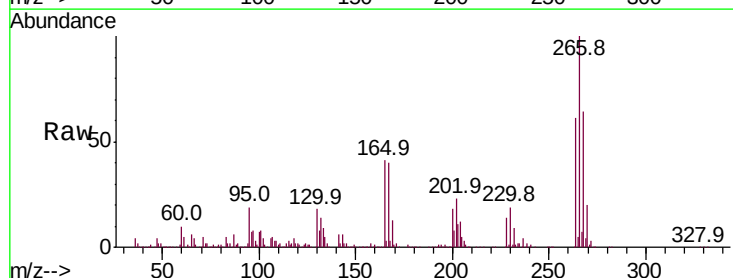
Tgt Ion:266 Resp: 987310

Ion Ratio Lower Upper

266 100

268 64.2 50.6 75.8

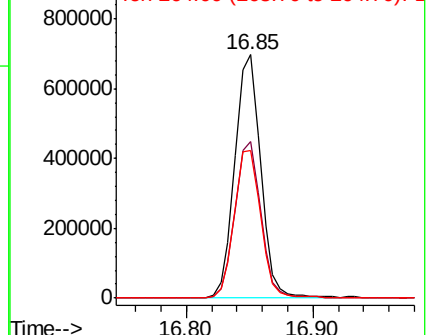
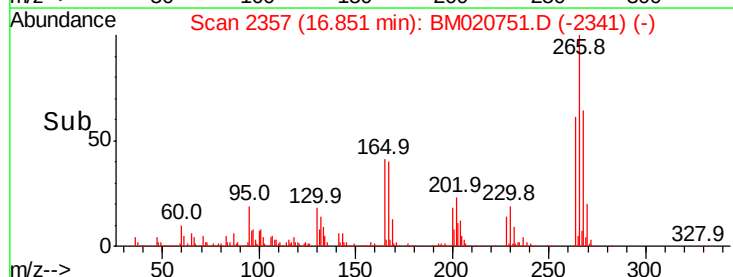
264 60.8 49.6 74.4

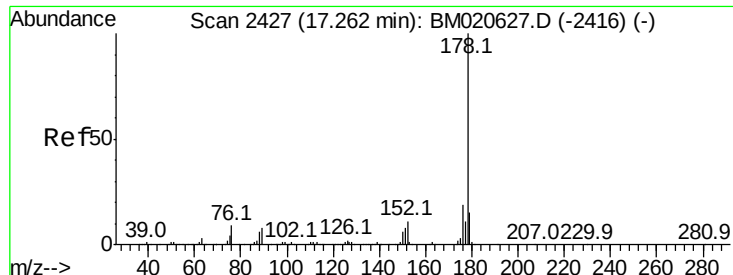


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

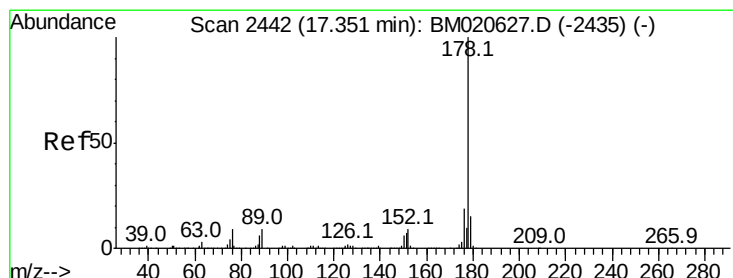
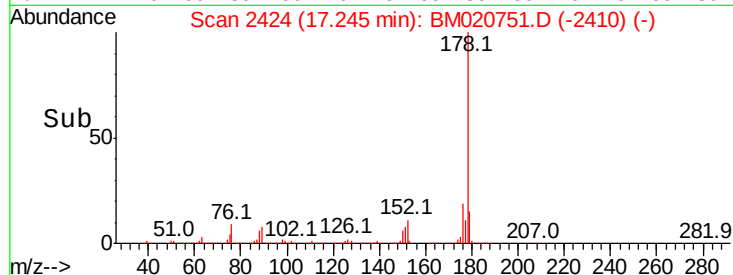
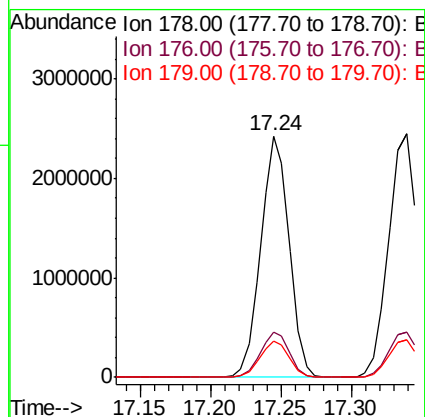
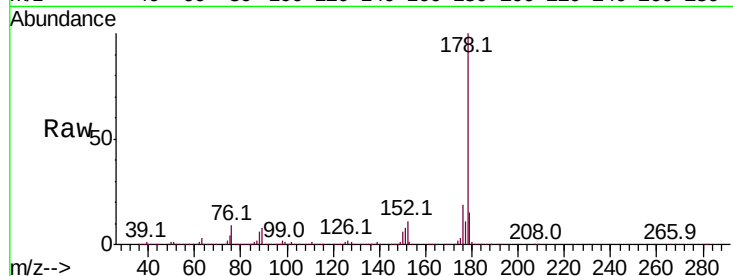




#71
Phenanthrene
Concen: 43.488 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

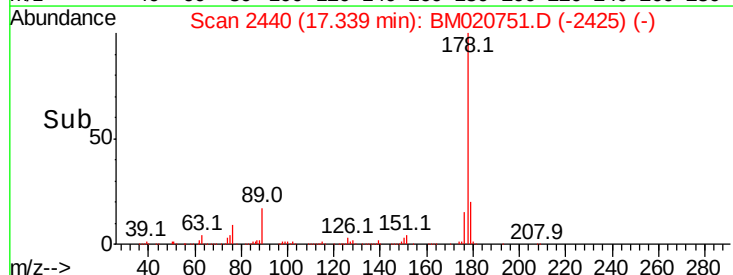
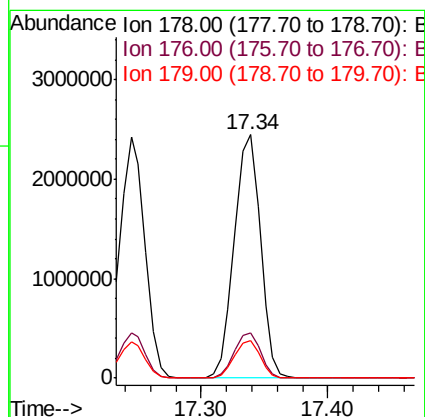
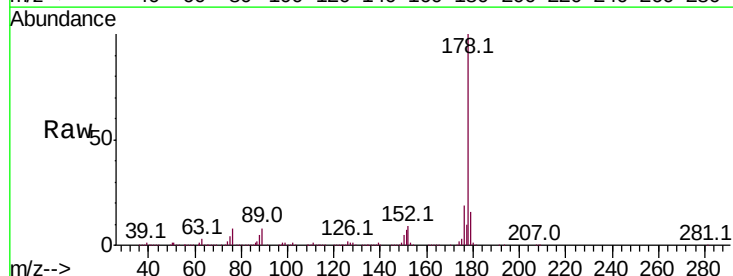
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

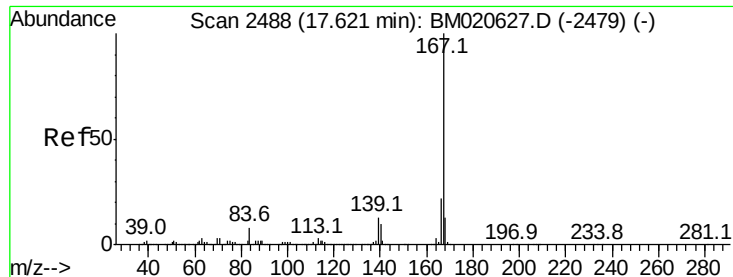
Tot Ion:178 Resp: 3417669
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 44.357 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:178 Resp: 3489046
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.3 18.5



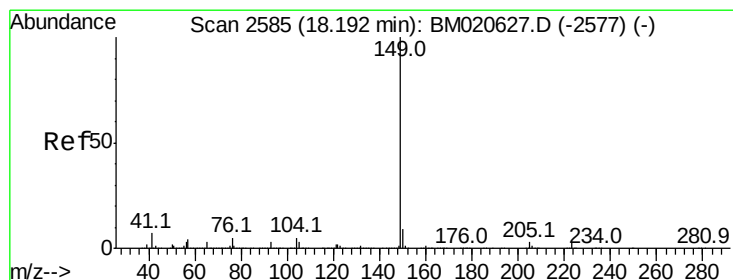
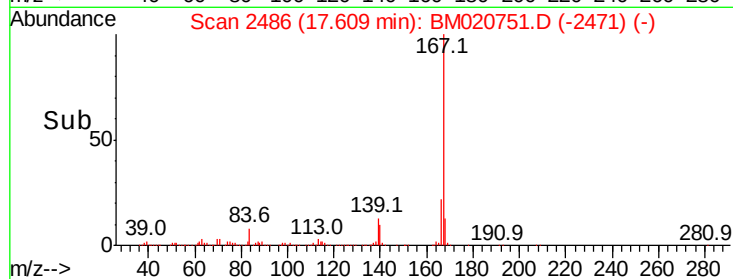
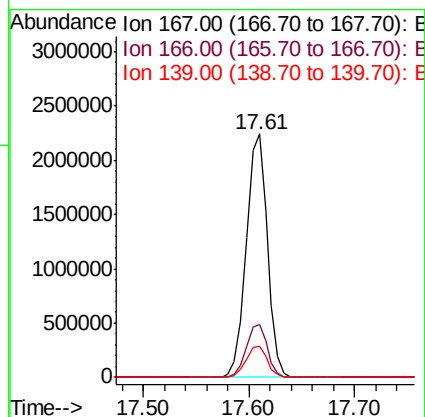
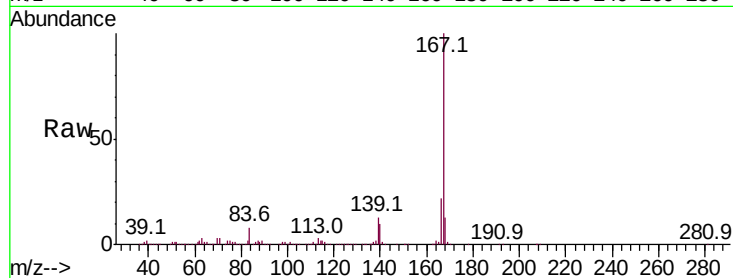


#73
 Carbazole
 Concen: 43.309 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCDMS

Tot Ion:167 Resp: 3091352

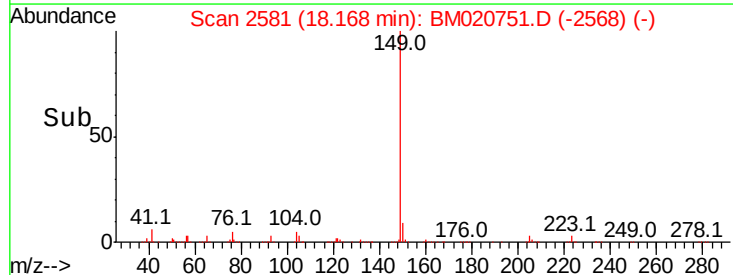
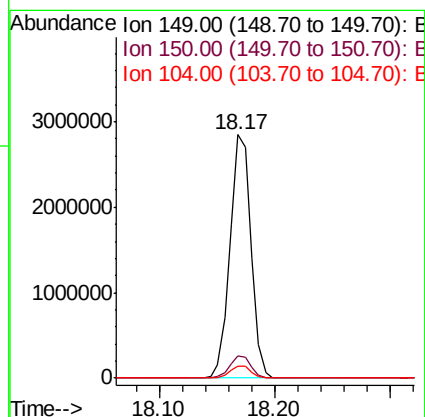
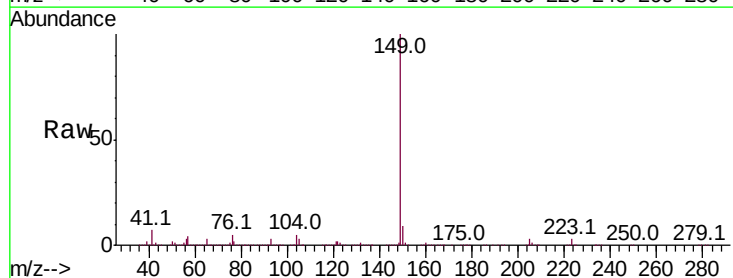
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.7	10.6	15.8

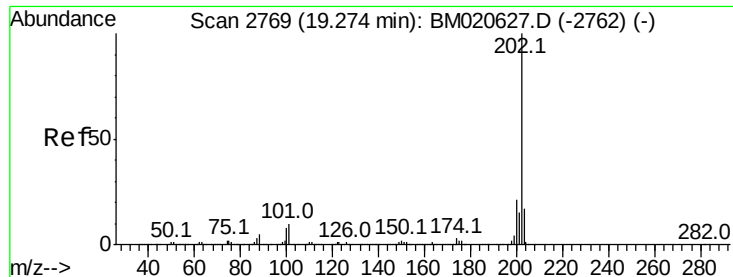


#74
 Di-n-butylphthalate
 Concen: 38.478 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020751.D
 Acq: 06 Jun 2019 00:03

Tgt Ion:149 Resp: 3565350

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 41.782 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

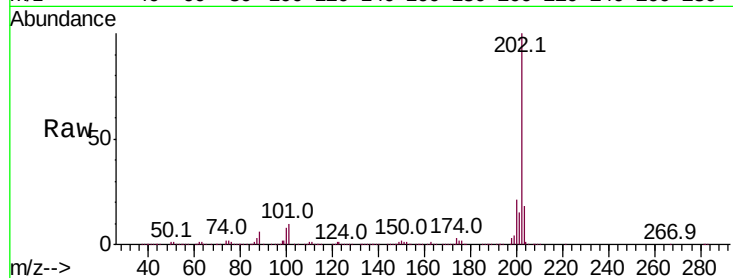
Tot Ion:202 Resp: 3651642

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.4

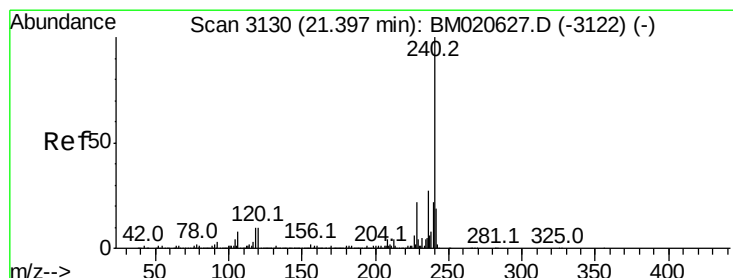
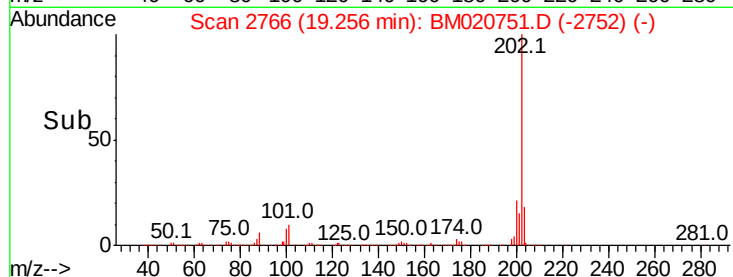
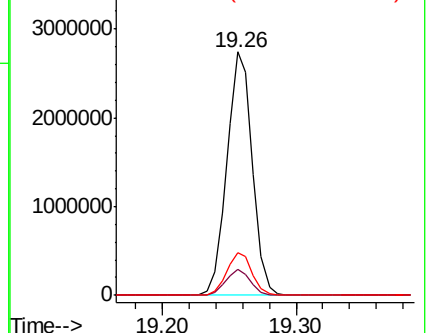
203 17.5 0.0 37.3



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: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

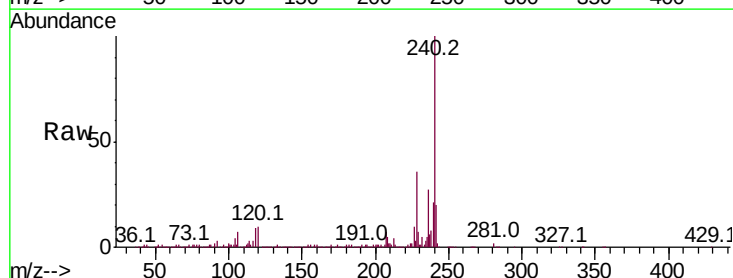
Tgt Ion:240 Resp: 1223380

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

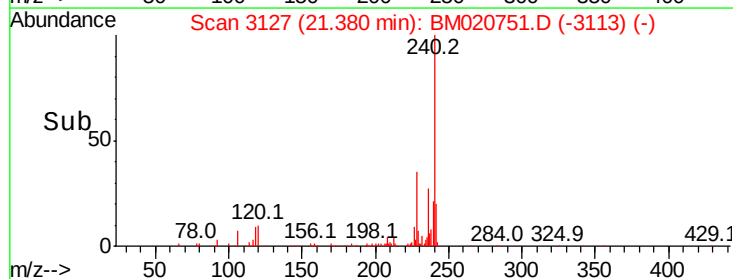
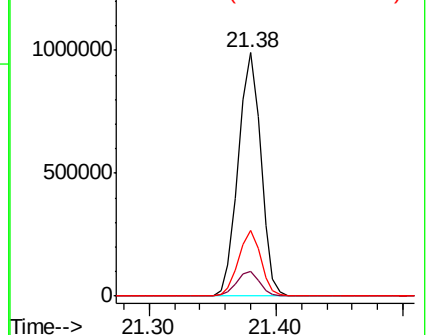
236 26.8 21.2 31.8

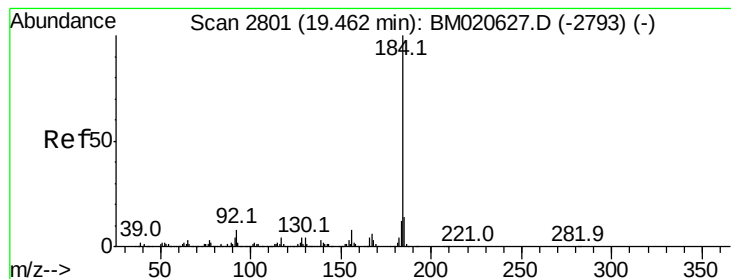


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.143 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

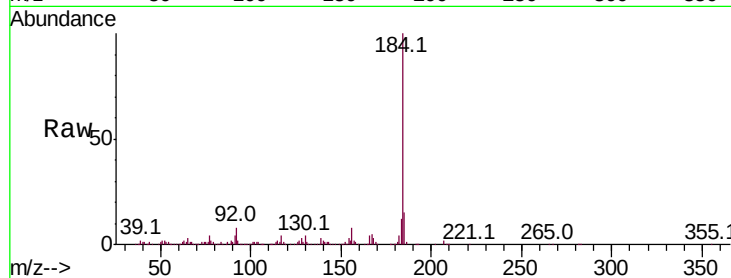
Tot Ion:184 Resp: 783758

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

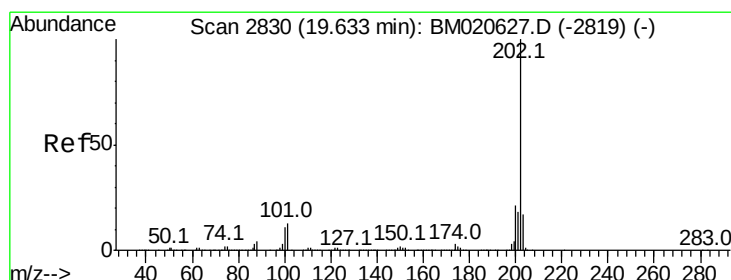
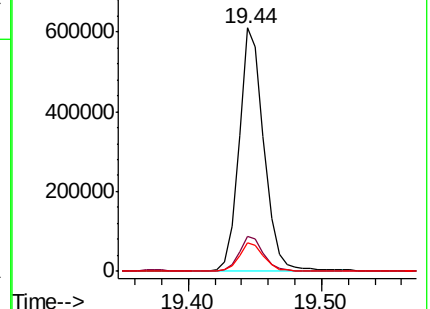
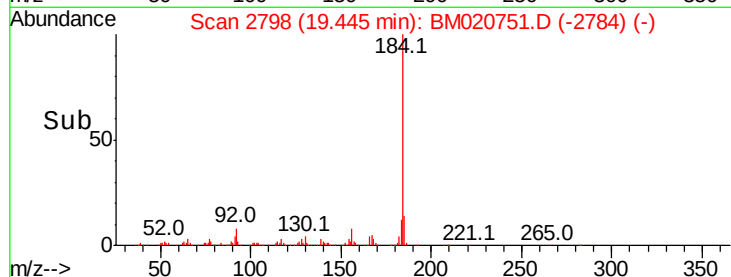
183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.903 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

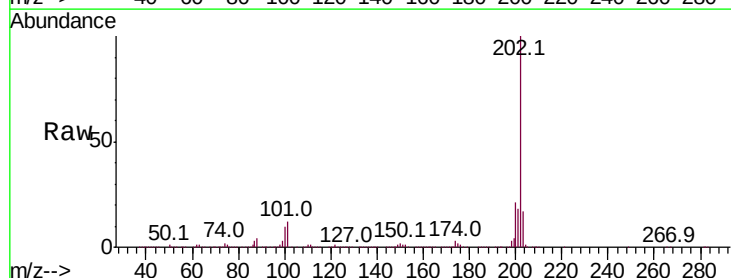
Tgt Ion:202 Resp: 3746119

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

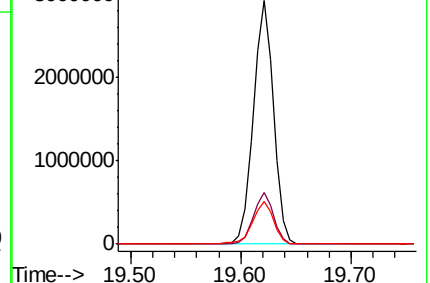
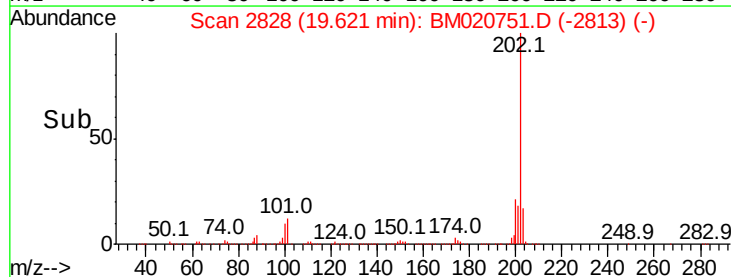
203 17.4 13.9 20.9

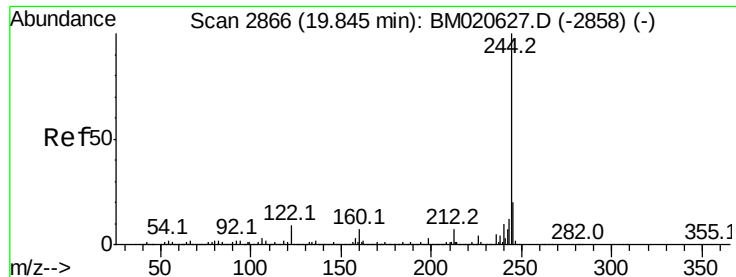


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.273 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

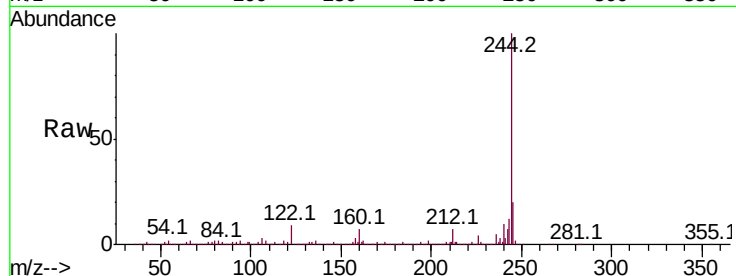
Tot Ion:244 Resp: 5212933

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

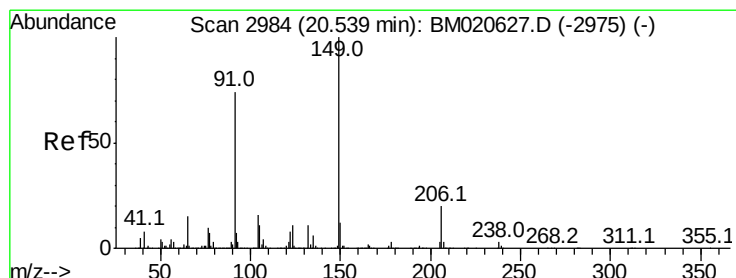
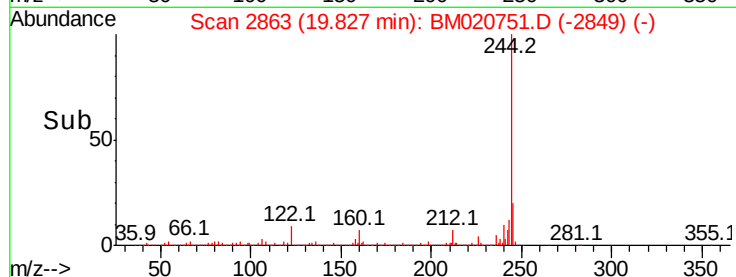
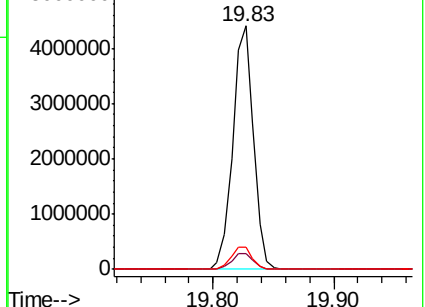
122 9.0 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.697 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

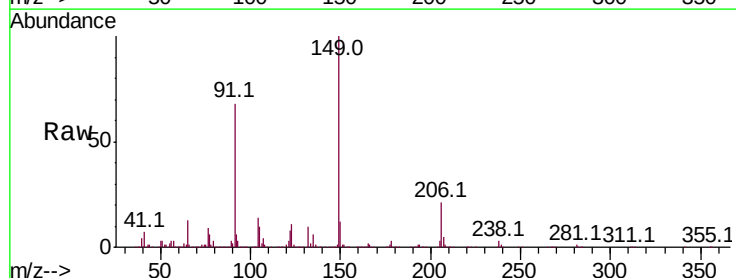
Tgt Ion:149 Resp: 1455927

Ion Ratio Lower Upper

149 100

91 67.6 59.6 89.4

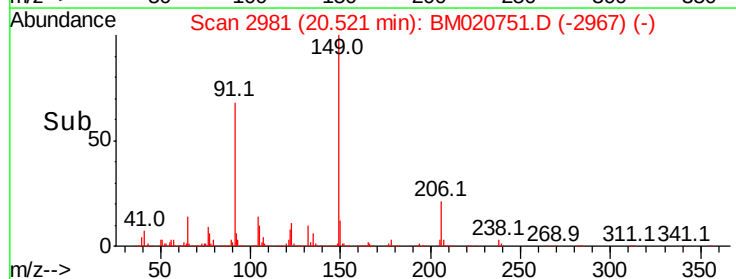
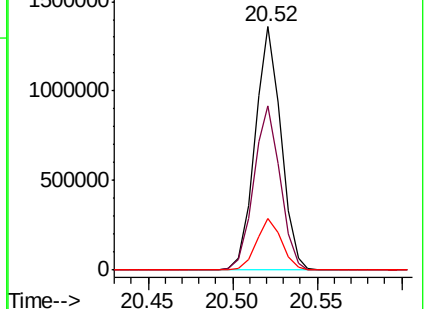
206 21.1 15.7 23.5

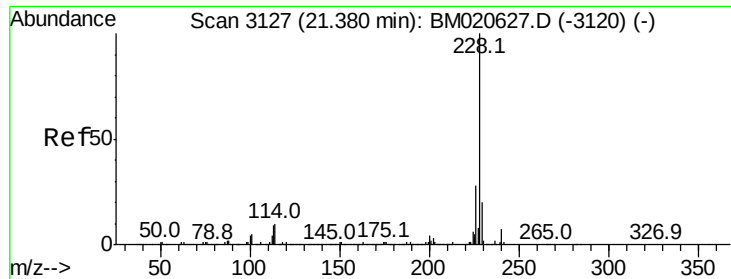


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

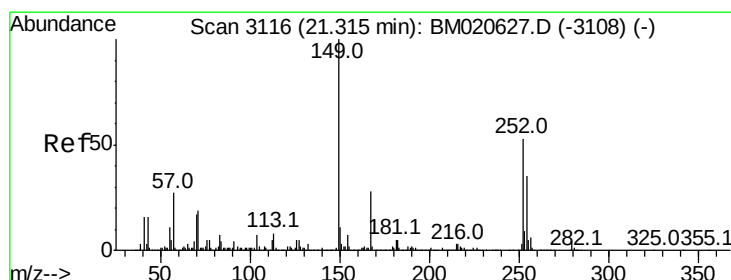
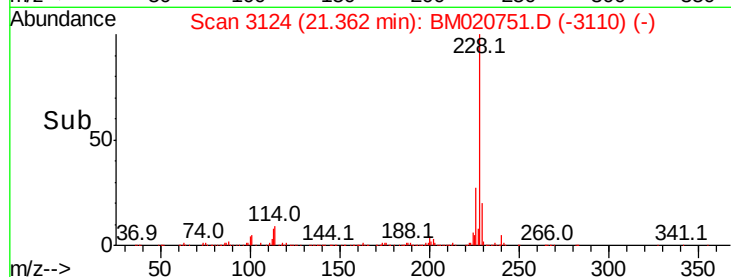
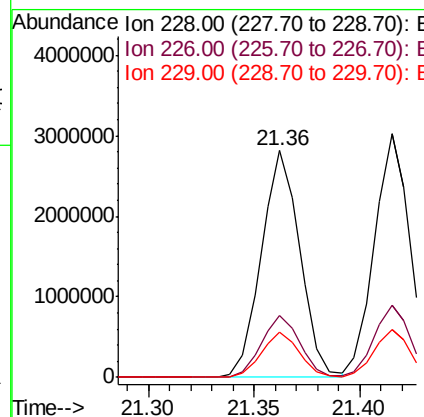
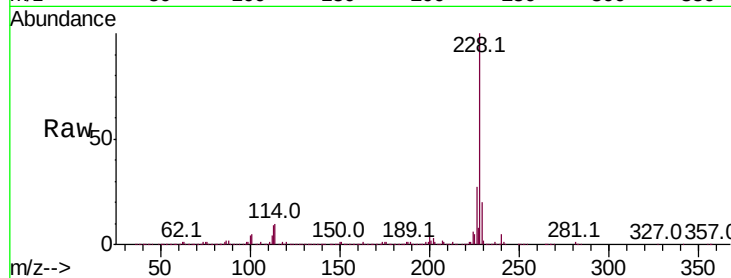




#81
Benzo(a)anthracene
Concen: 42.022 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

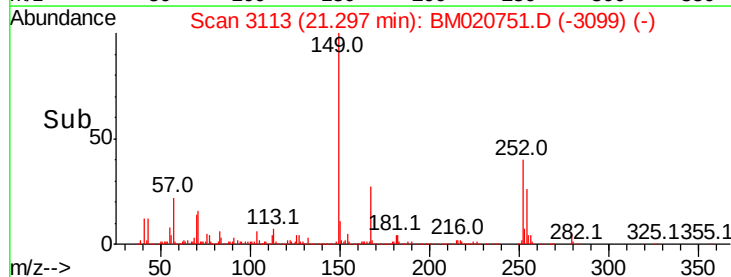
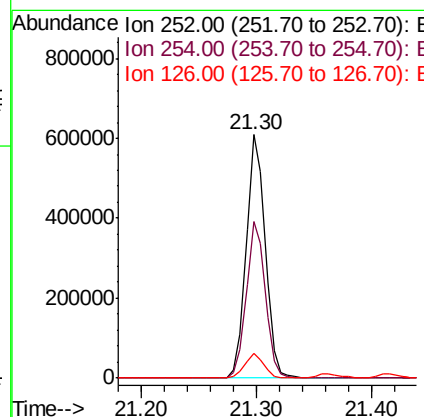
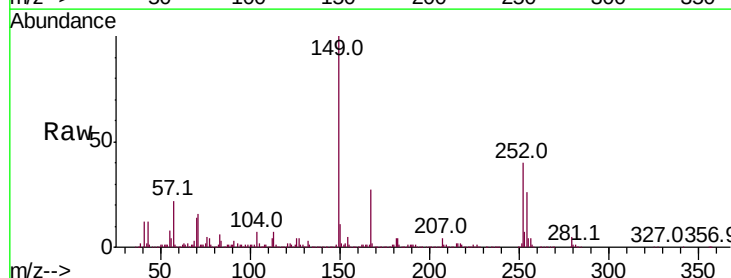
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

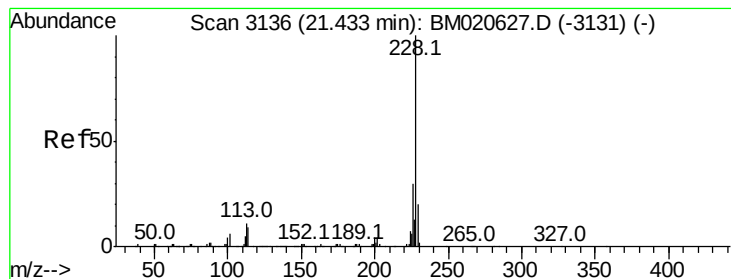
Tot Ion:228 Resp: 3580040
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 22.333 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:252 Resp: 696746
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 10.3 8.0 12.0





#83

Chrysene

Concen: 43.635 ng

RT: 21.42 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

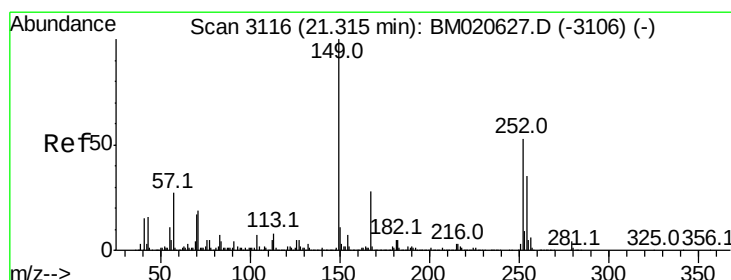
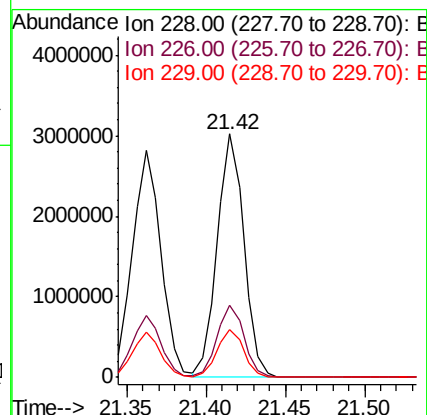
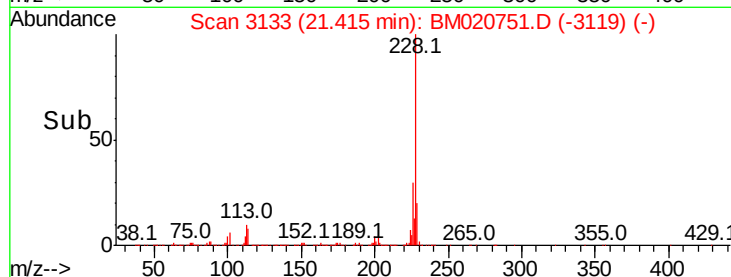
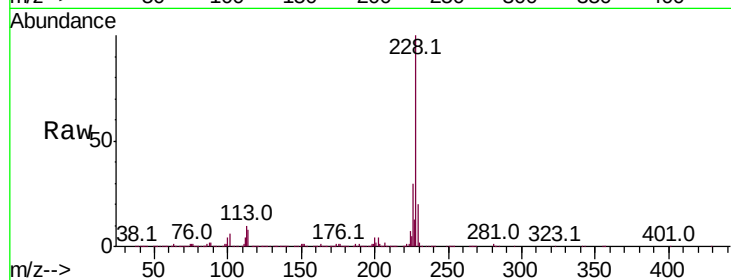
BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:228 Resp: 3533697

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.6	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.109 ng

RT: 21.29 min Scan# 3112

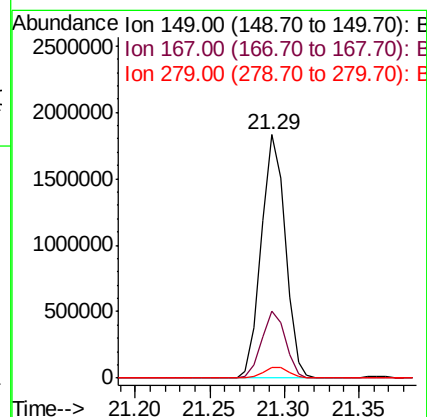
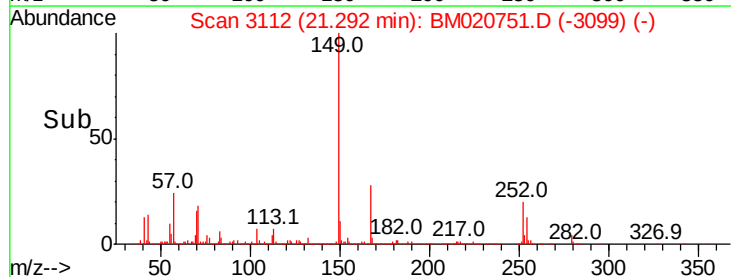
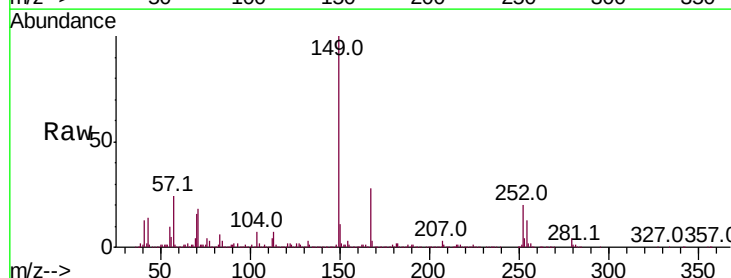
Delta R.T. -0.02 min

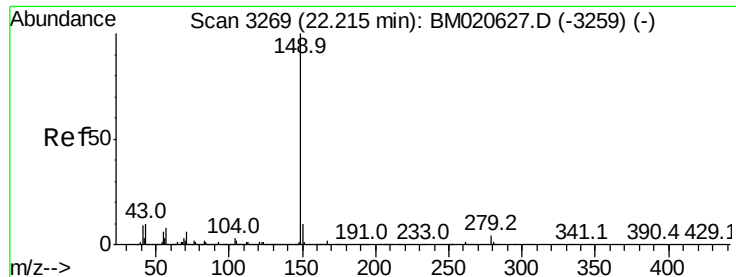
Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Tgt Ion:149 Resp: 2024448

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 37.429 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.03 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

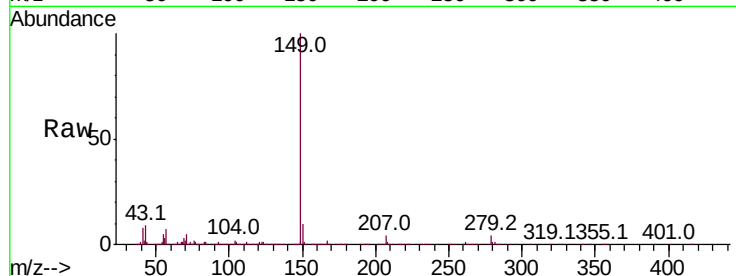
Tot Ion:149 Resp: 3426470

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

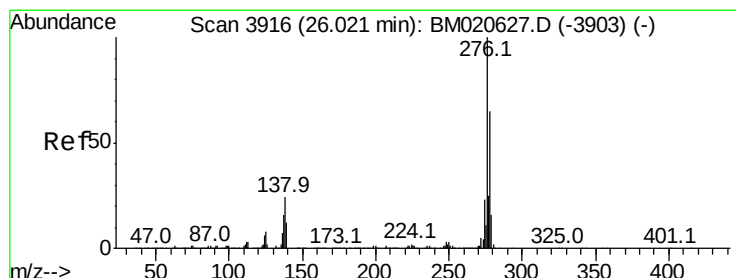
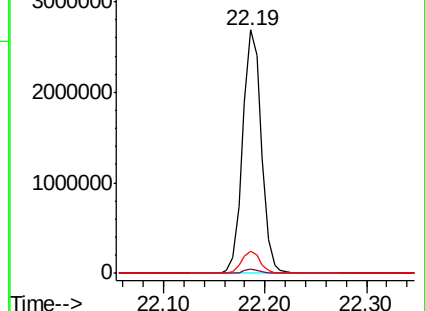
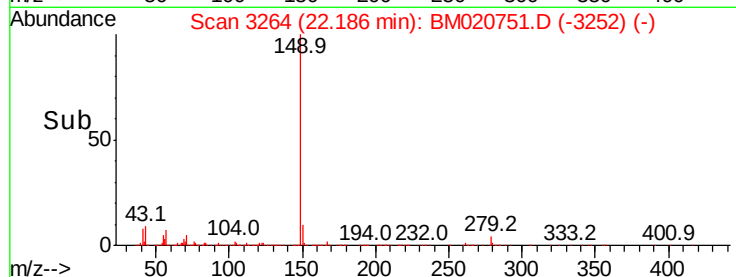
43 9.1 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.027 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

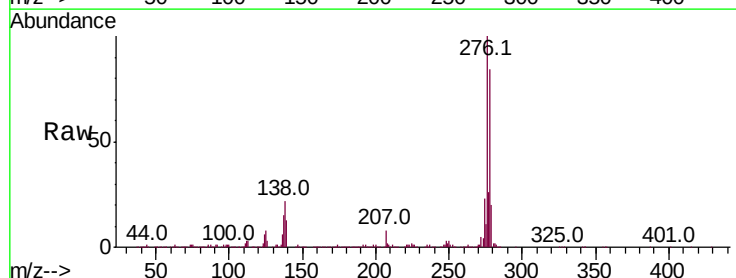
Tgt Ion:276 Resp: 5138913

Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.8

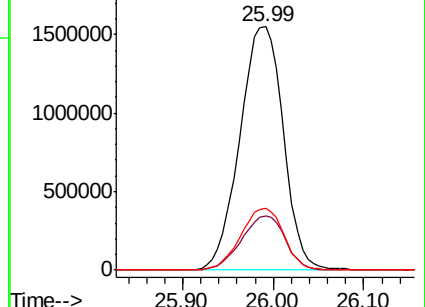
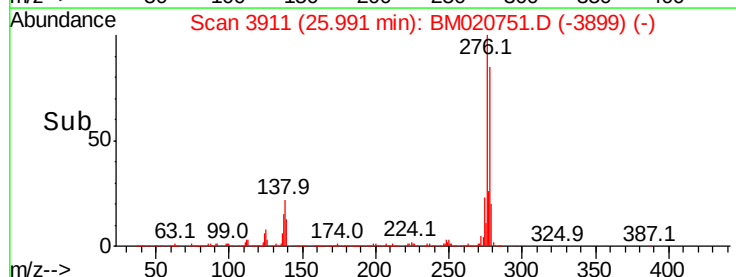
277 25.3 20.2 30.4

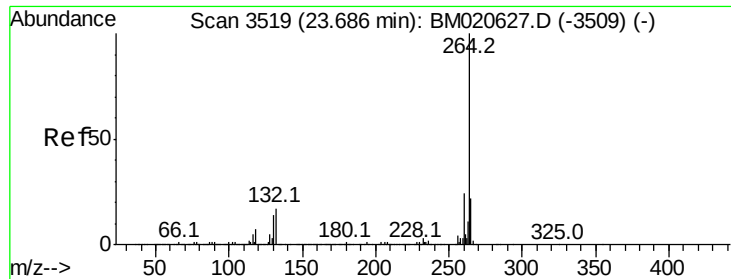


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.66 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

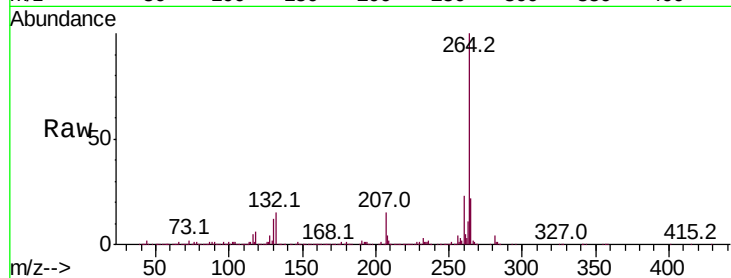
Tot Ion:264 Resp: 1491120

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.6 26.4

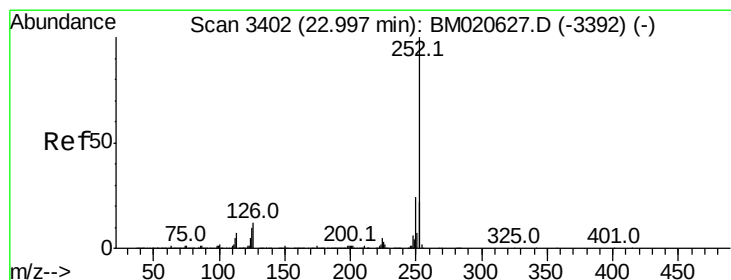
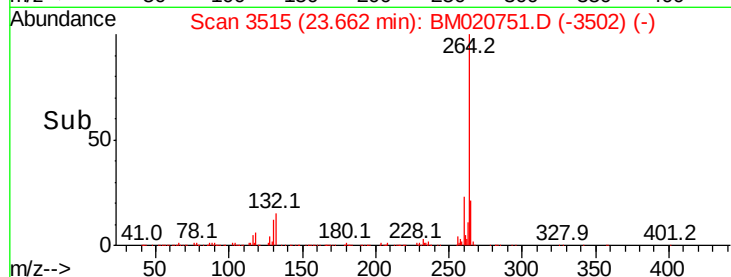
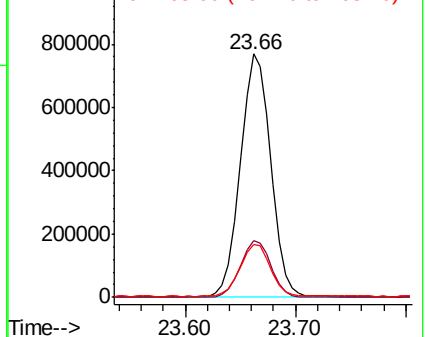


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.652 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

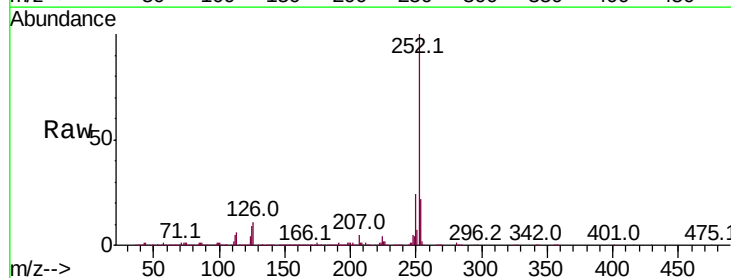
Tgt Ion:252 Resp: 4006485

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.6 7.8 11.8

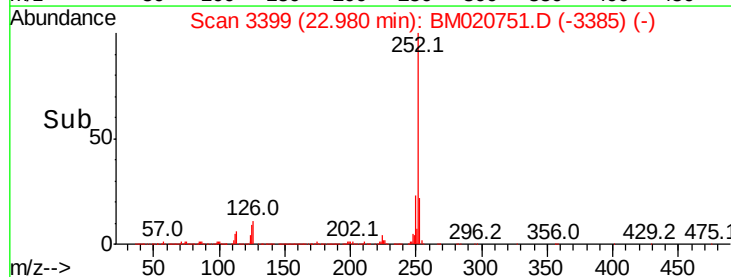
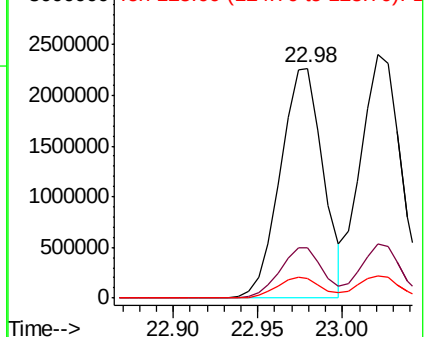


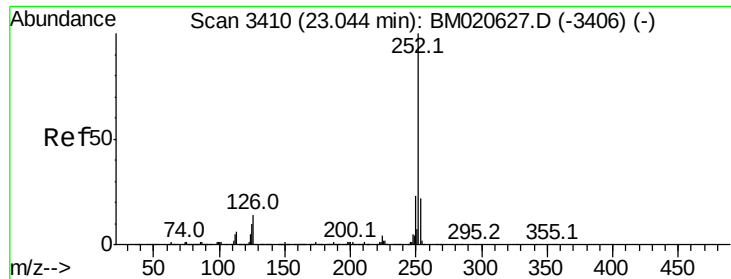
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

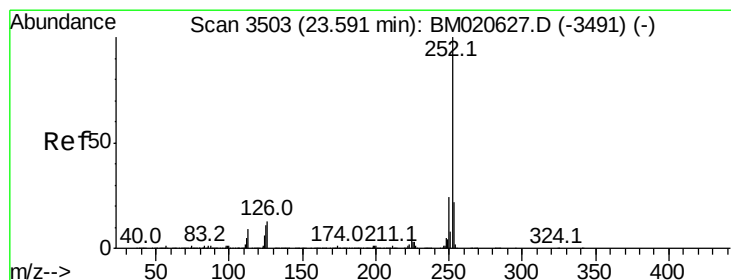
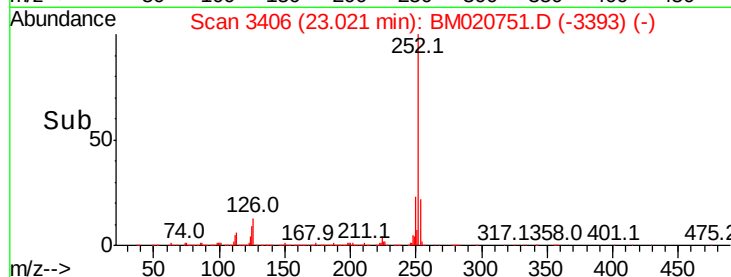
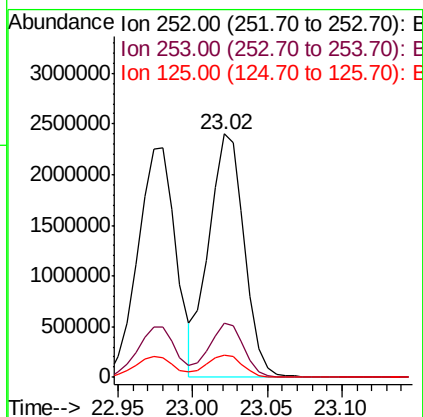
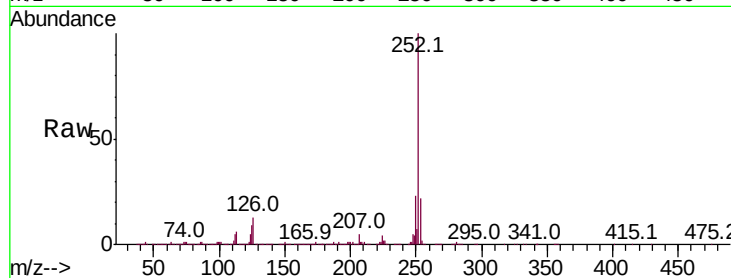




#89
Benzo(k)fluoranthene
Concen: 41.221 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

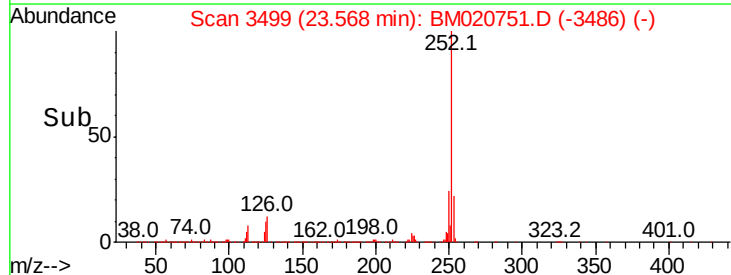
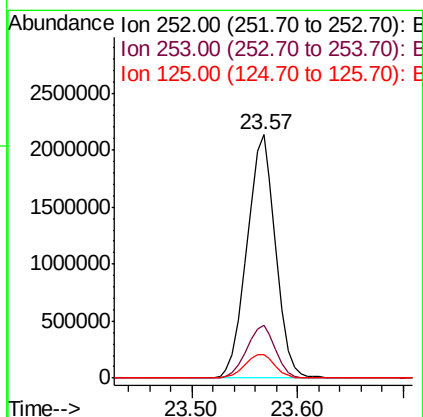
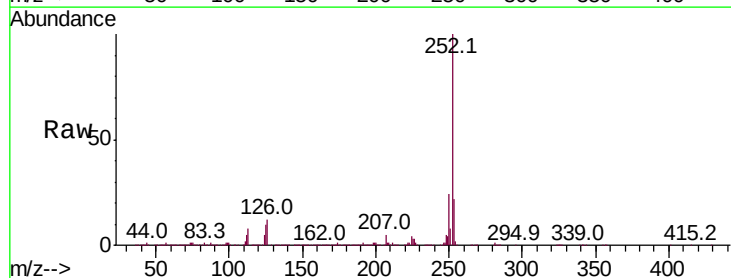
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

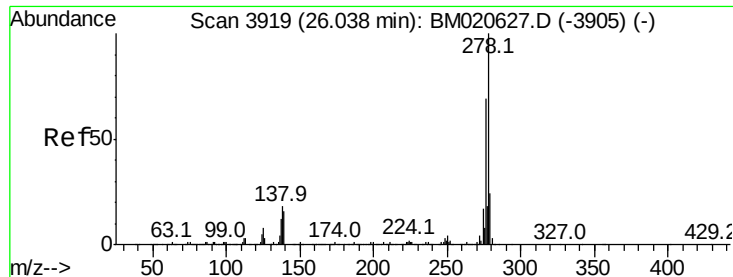
Tot Ion:252 Resp: 3970053
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 44.956 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:252 Resp: 4018764
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.8 8.6 13.0

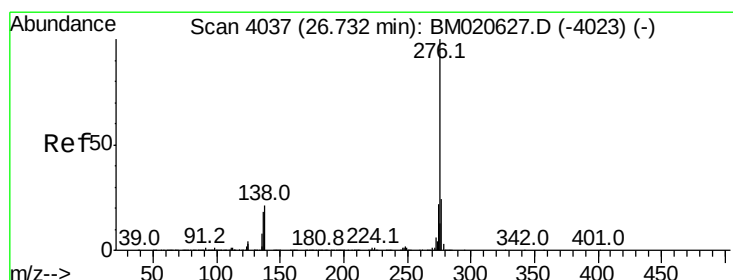
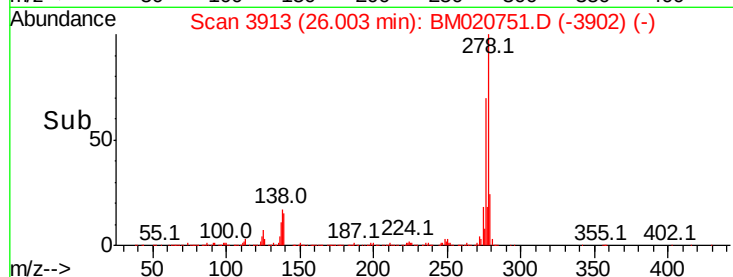
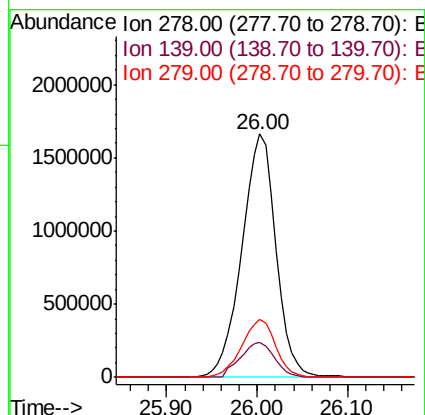
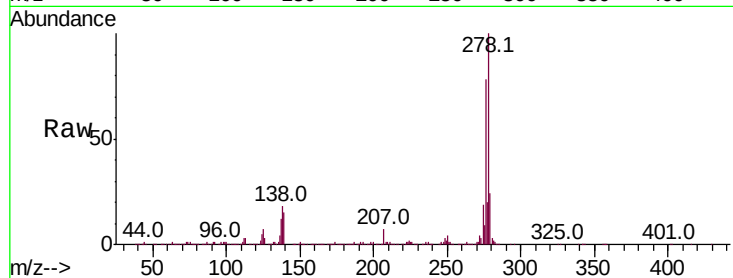




#91
Dibenzo(a,h)anthracene
Concen: 49.873 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Tot Ion:278 Resp: 4325364
Ion Ratio Lower Upper
278 100
139 14.6 12.6 18.8
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.337 ng
RT: 26.70 min Scan# 4031
Delta R.T. -0.04 min
Lab File: BM020751.D
Acq: 06 Jun 2019 00:03

Tgt Ion:276 Resp: 4216059
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 20.2 17.0 25.4

