

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019057.D
 Acq On : 06 Mar 2019 04:52
 Operator : JU/SJ
 Sample : K1704-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B113-022719

Quant Time: Mar 06 06:02:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	297168	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1176085	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	653860	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1457247	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1396104	20.00	ng	0.00
87) Perylene-d12	23.52	264	1408581	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2351707	129.66	ng	0.00
7) Phenol-d6	6.86	99	3285432	128.59	ng	0.00
23) Nitrobenzene-d5	8.85	82	2059916	80.99	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1266481	134.37	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3791695	76.98	ng	-0.01
79) Terphenyl-d14	19.72	244	5462114	80.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	221	0.028	ng	# 1
3) Pyridine	3.63	79	277	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	598	0.109	ng	# 1
8) 2-Chlorophenol	7.24	128	497	0.025	ng	# 1
9) Benzaldehyde	6.85	77	10966	Below Cal		# 24
10) Phenol	6.88	94	237635	8.839	ng	99
15) Benzyl Alcohol	7.99	79	34754	1.712	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	8.27	45	251	0.013	ng	# 53
17) 2-Methylphenol	8.13	107	397	0.023	ng	# 59
19) n-Nitroso-di-n-propylamine	8.40	70	158	0.008	ng	# 35
20) 3+4-Methylphenols	8.46	107	2585	0.109	ng	# 78
22) Acetophenone	8.52	105	955	0.030	ng	# 21
24) Nitrobenzene	8.89	77	385	0.015	ng	# 44
25) Isophorone	9.45	82	421	0.010	ng	# 68
27) 2,4-Dimethylphenol	9.66	122	1193	0.078	ng	# 78
31) Naphthalene	10.51	128	89440	1.559	ng	98
32) Benzoic acid	9.82	122	444	0.033	ng	# 1
35) Caprolactam	11.50	113	1026	0.143	ng	# 1
37) 2-Methylnaphthalene	12.13	142	83680	2.072	ng	97
38) 1-Methylnaphthalene	12.35	142	87105	2.206	ng	97
46) 1,1'-Biphenyl	13.16	154	35827	0.637	ng	99
48) 2-Nitroaniline	13.40	65	150	0.010	ng	# 8
49) Acenaphthylene	14.05	152	57238	0.884	ng	# 92
50) Dimethylphthalate	13.79	163	245789	4.511	ng	98
52) Acenaphthene	14.39	154	280033	7.055	ng	100
55) Dibenzofuran	14.73	168	337793	5.178	ng	98
56) 4-Nitrophenol	14.53	139	2596	0.244	ng	# 19
57) 2,4-Dinitrotoluene	14.72	165	2252	0.138	ng	# 1
58) Fluorene	15.38	166	308307	6.177	ng	99
60) Diethylphthalate	15.16	149	3709	0.066	ng	# 91
62) 4-Nitroaniline	15.38	138	3491	0.267	ng	# 14
63) Azobenzene	15.67	77	7451	0.124	ng	# 1
66) n-Nitrosodiphenylamine	15.59	169	8716	0.189	ng	# 1
71) Phenanthrene	17.13	178	4155944	53.067	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

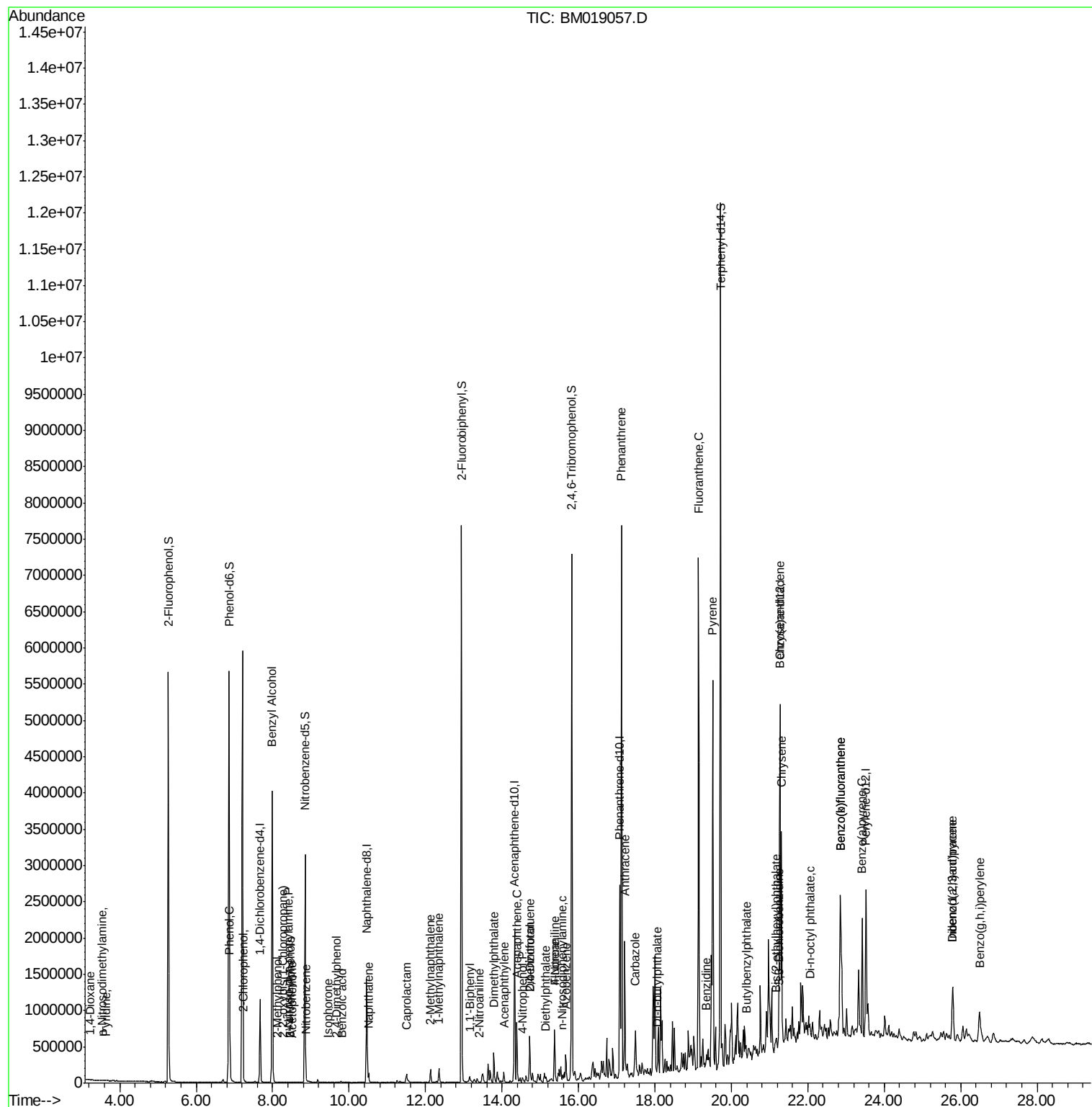
72) Anthracene	17.22	178	1078412	14.148	ng	99
73) Carbazole	17.49	167	369356	4.638	ng	99
74) Di-n-butylphthalate	18.04	149	14904	0.163	ng #	88
75) Fluoranthene	19.15	202	4074909	45.045	ng	99
77) Benzidine	19.34	184	772	0.025	ng #	1
78) Pyrene	19.52	202	3265426	40.272	ng	99
80) Butylbenzylphthalate	20.41	149	2620	0.071	ng #	60
81) Benzo(a)anthracene	21.26	228	1800440	22.123	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	701	0.022	ng #	36
83) Chrysene	21.32	228	1437291	18.426	ng	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	23749	0.439	ng	96
85) Di-n-octyl phthalate	22.06	149	998	0.011	ng #	1
86) Indeno(1,2,3-cd)pyrene	25.79	276	596332	6.622	ng	97
88) Benzo(b)fluoranthene	22.85	252	2052455	25.468	ng	99
89) Benzo(k)fluoranthene	22.85	252	2045887	25.499	ng	98
90) Benzo(a)pyrene	23.42	252	1107899	14.512	ng	96
91) Dibenzo(a,h)anthracene	25.80	278	190587	2.520	ng #	78
92) Benzo(g,h,i)perylene	26.49	276	487099	6.917	ng	99

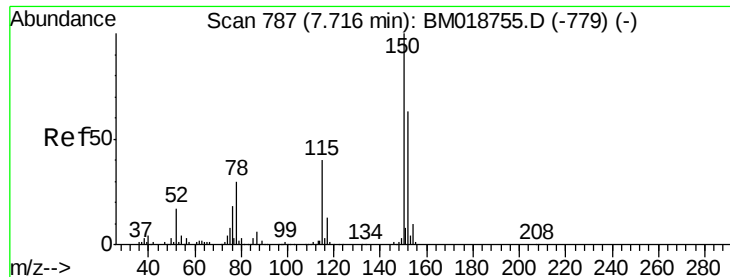
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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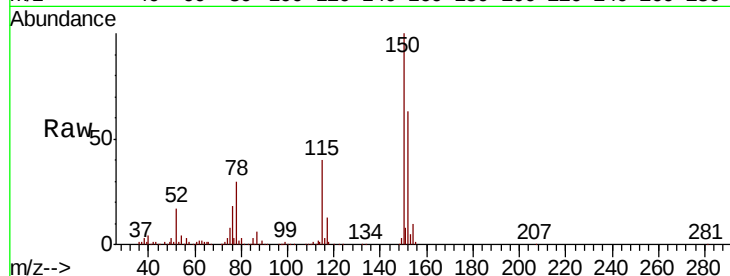


#1

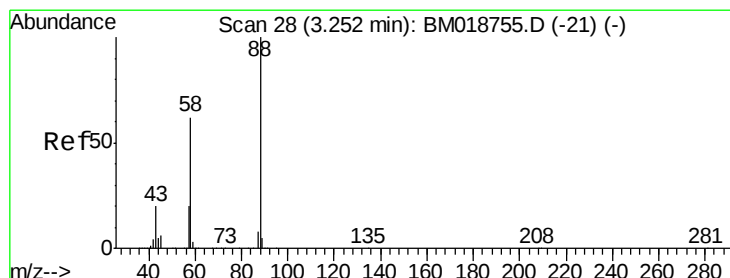
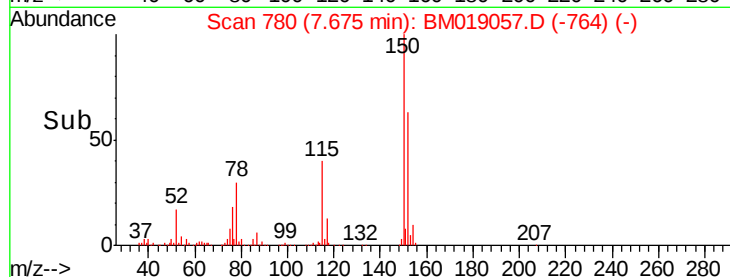
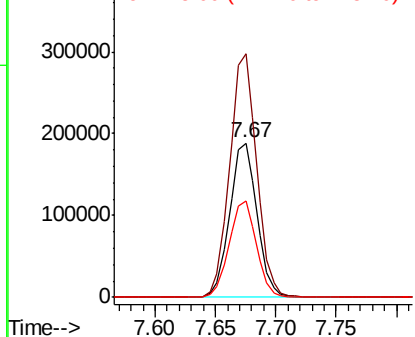
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

Tgt Ion: 152 Resp: 297168
Ion Ratio Lower Upper
152 100
150 157.7 127.3 190.9
115 62.6 50.8 76.2



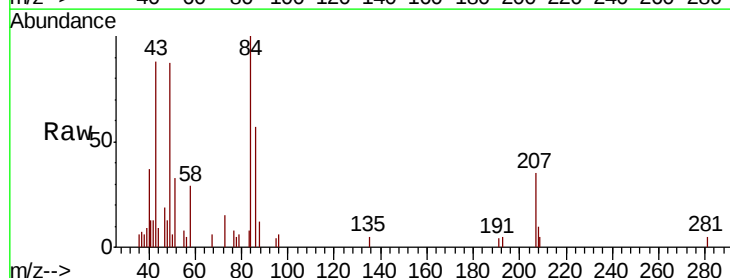
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



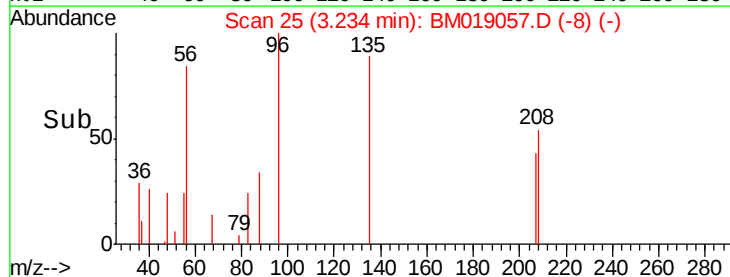
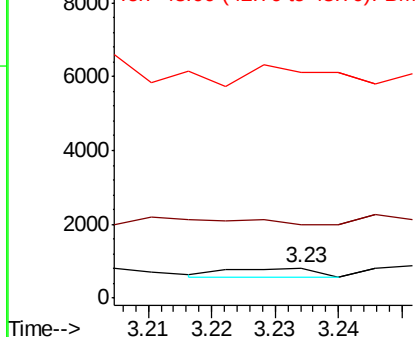
#2

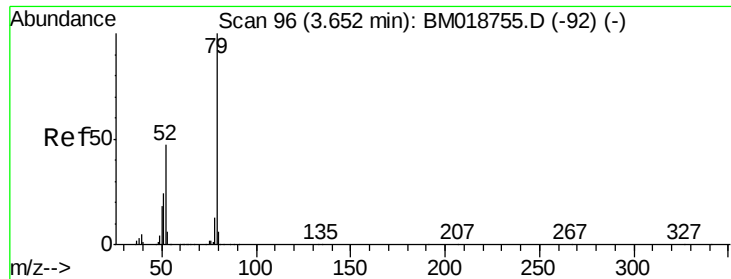
1,4-Dioxane
Concen: 0.028 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 391.4 16.7 25.1#



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

Pyridine

Concen: 0.013 ng

RT: 3.63 min Scan# 93

Delta R.T. 0.00 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

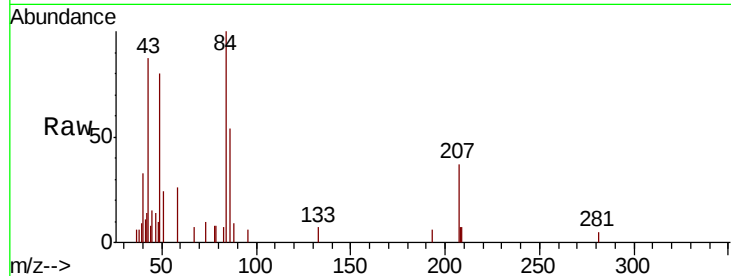
Tgt Ion: 79 Resp: 277

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

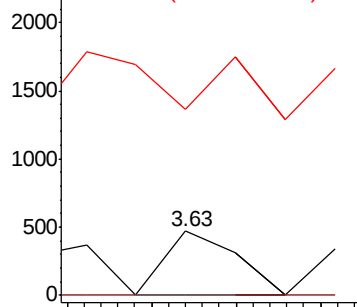
51 290.4 19.7 29.5#



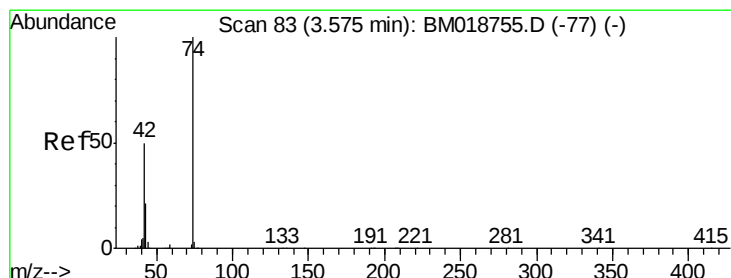
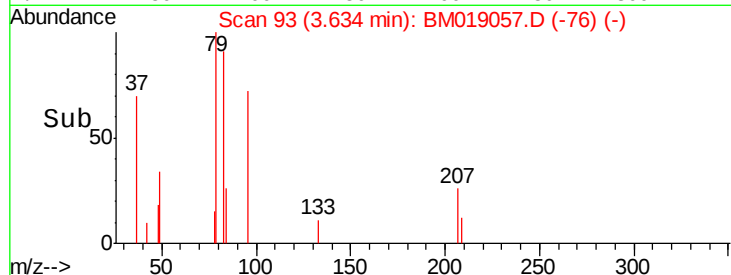
Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.109 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

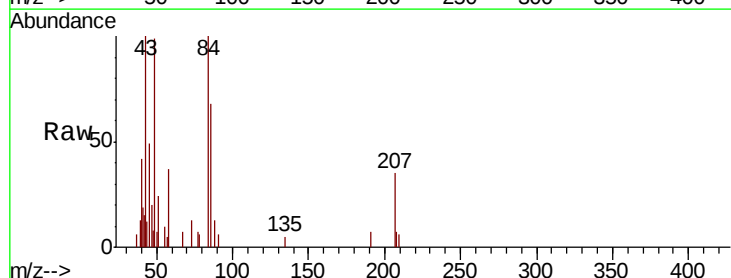
Tgt Ion: 42 Resp: 598

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

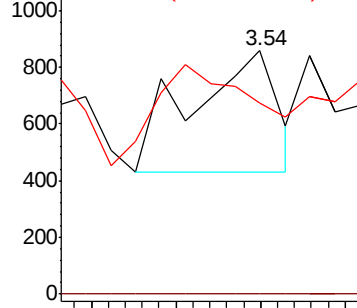
44 78.5 4.9 7.3#



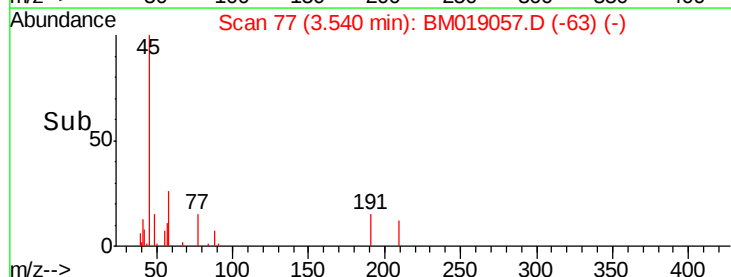
Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

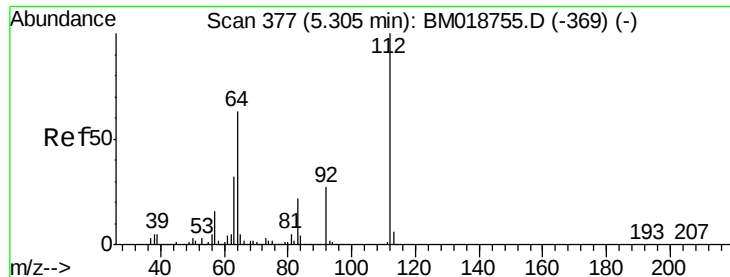
Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)



Time-->





#5

2-Fluorophenol

Concen: 129.664 ng

RT: 5.28 min Scan# 372

Delta R.T. 0.00 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

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PST-027-B113-022719

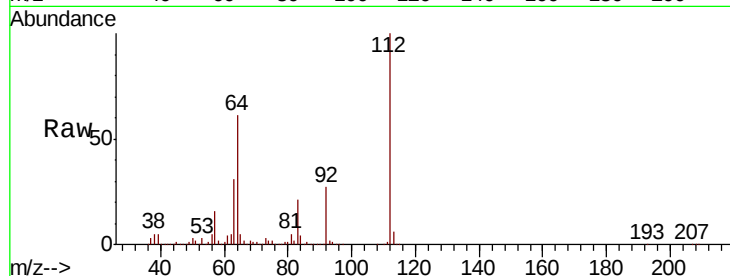
Tgt Ion:112 Resp: 2351707

Ion Ratio Lower Upper

112 100

64 61.0 50.6 75.8

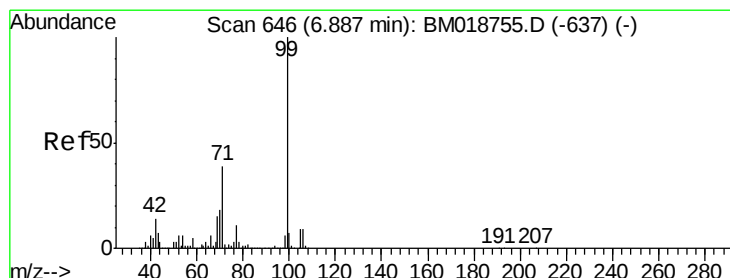
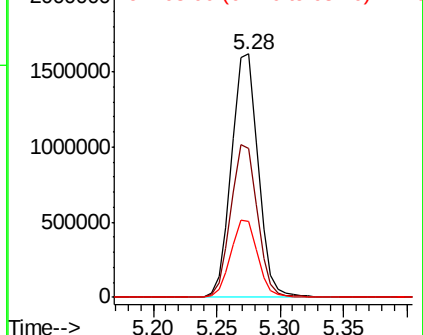
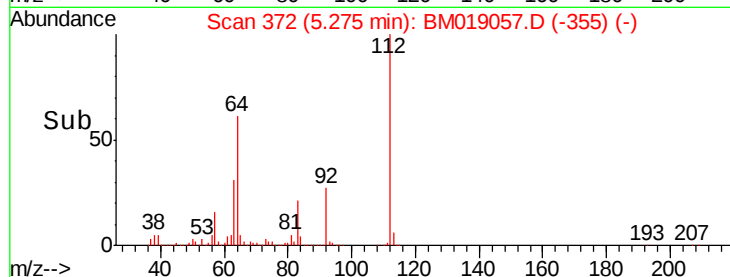
63 31.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 128.586 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

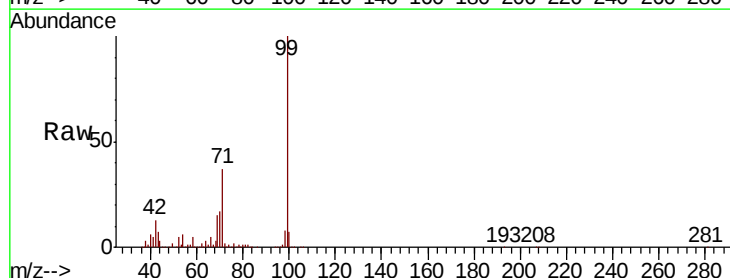
Tgt Ion: 99 Resp: 3285432

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.6

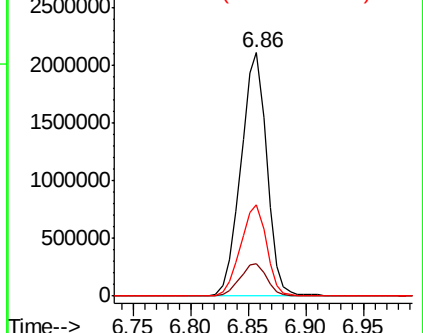
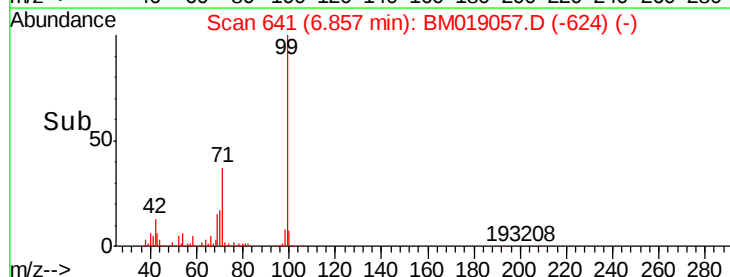
71 37.3 31.3 46.9

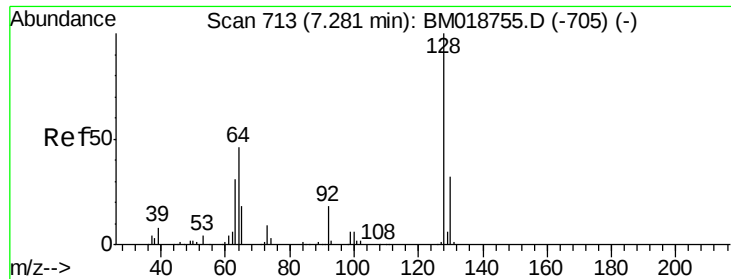


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.025 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

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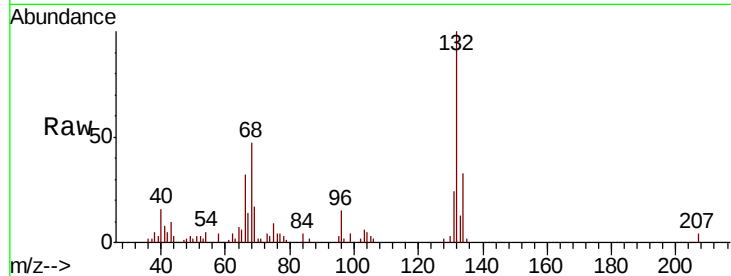
Tgt Ion:128 Resp: 497

Ion Ratio Lower Upper

128 100

130 120.9 11.7 51.7#

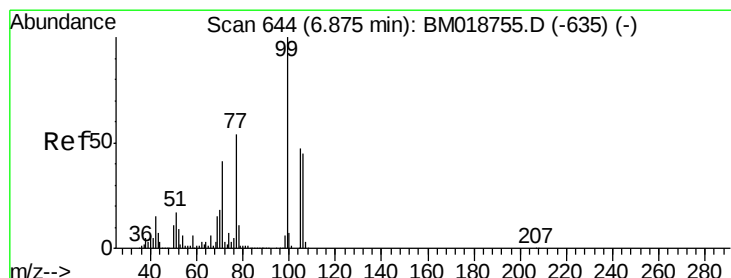
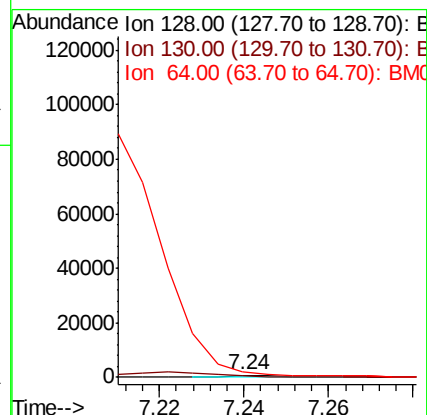
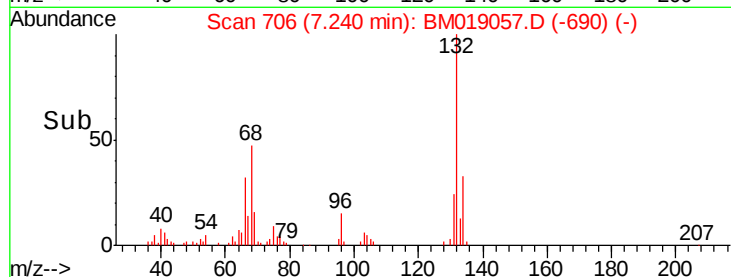
64 286.8 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.85 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

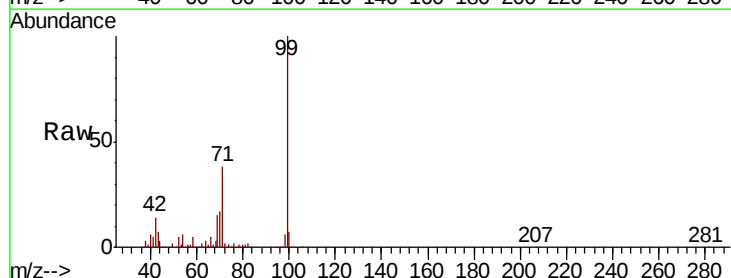
Tgt Ion: 77 Resp: 10966

Ion Ratio Lower Upper

77 100

105 13.5 67.3 107.3#

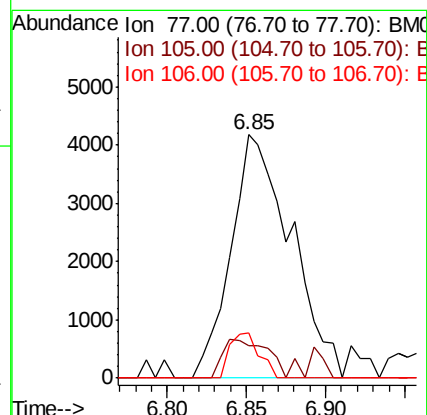
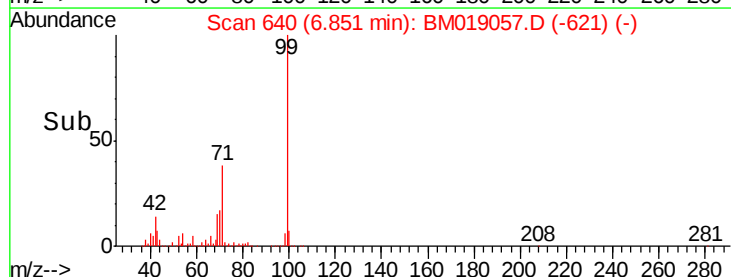
106 18.7 62.9 102.9#

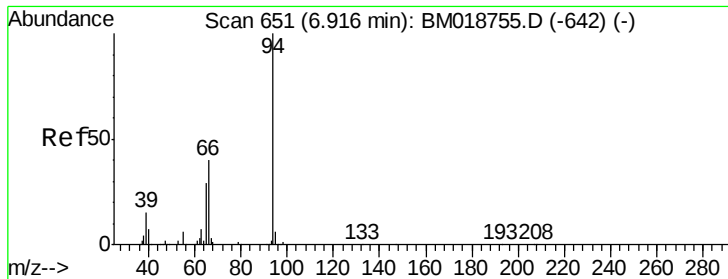


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.839 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019057.D

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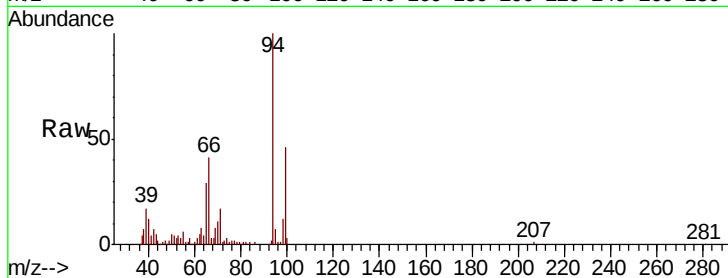
Tgt Ion: 94 Resp: 237635

Ion Ratio Lower Upper

94 100

65 29.3 9.6 49.6

66 41.2 20.4 60.4

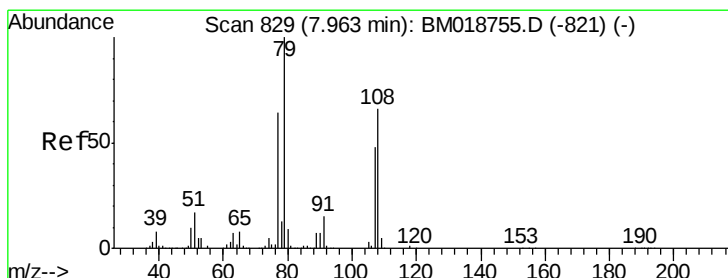
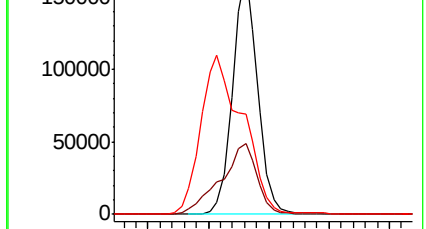
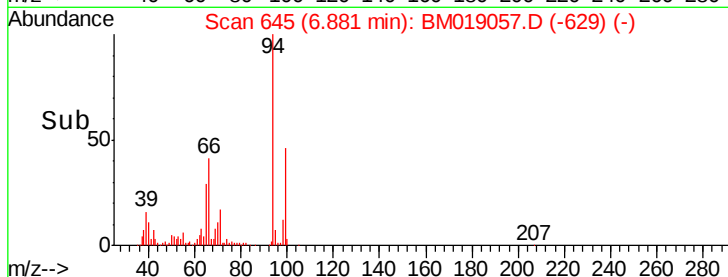


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

6.88



#15

Benzyl Alcohol

Concen: 1.712 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.05 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

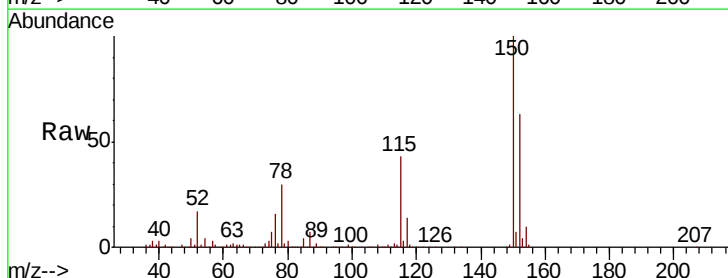
Tgt Ion: 79 Resp: 34754

Ion Ratio Lower Upper

79 100

108 31.3 52.7 79.1#

77 108.2 51.0 76.4#

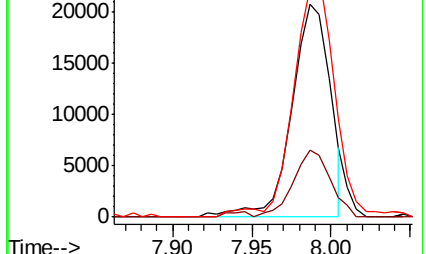
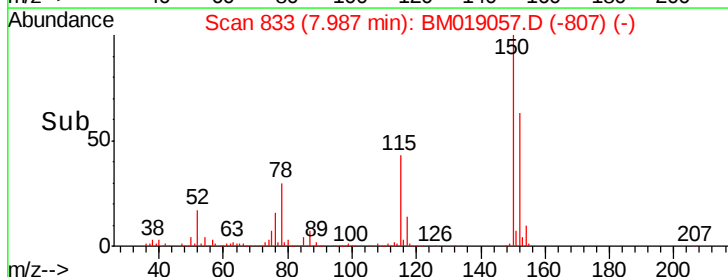


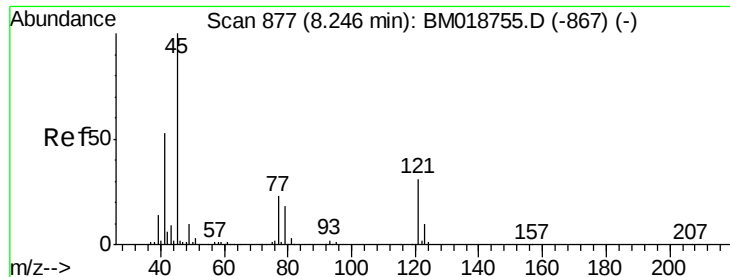
Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)

7.99

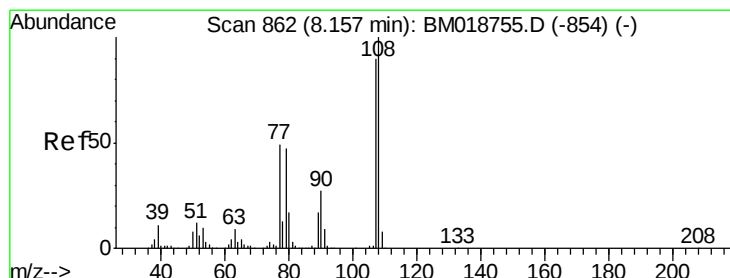
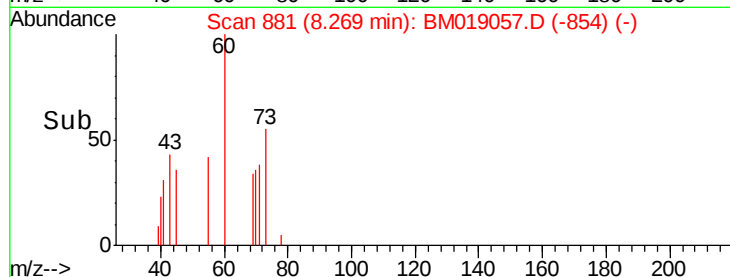
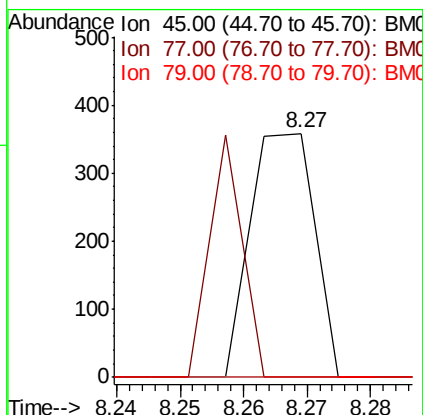
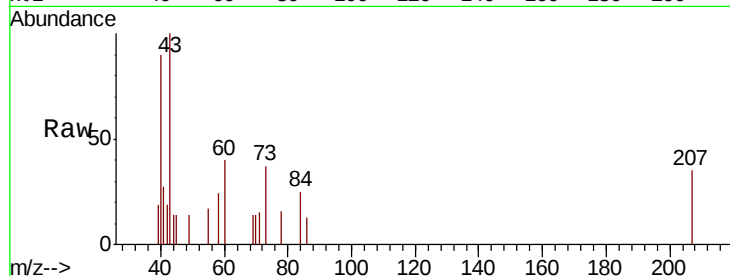




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.013 ng
RT: 8.27 min Scan# 881
Delta R.T. 0.06 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

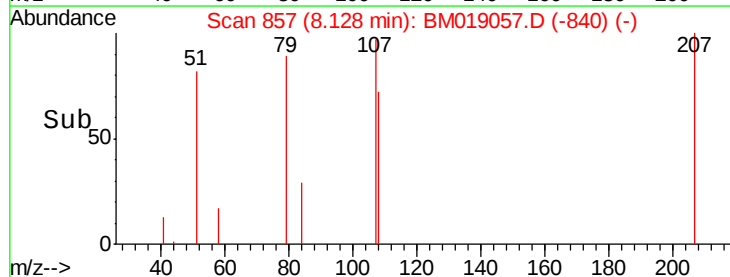
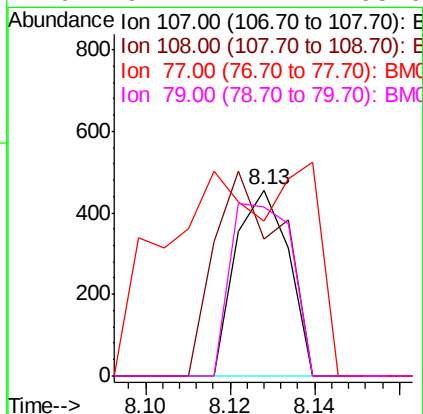
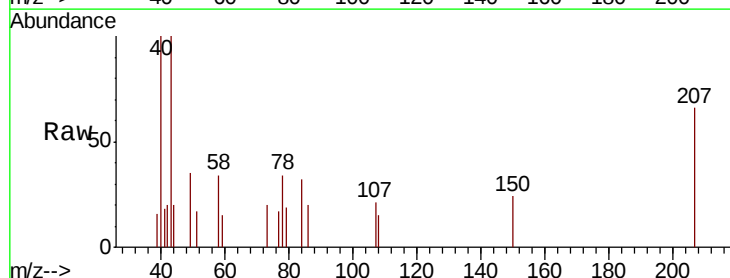
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

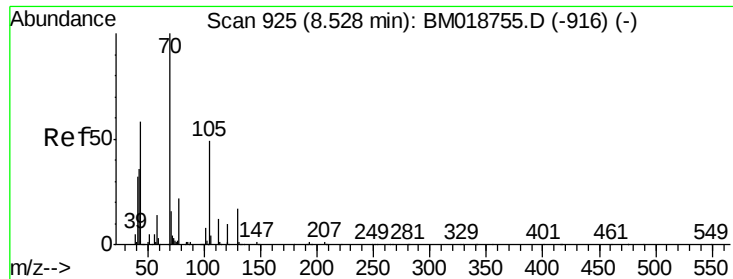
Tgt Ion: 45 Resp: 251
Ion Ratio Lower Upper
45 100
77 0.0 5.0 45.0#
79 0.0 0.0 39.3



#17
2-Methylphenol
Concen: 0.023 ng
RT: 8.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion: 107 Resp: 397
Ion Ratio Lower Upper
107 100
108 74.1 88.8 133.2#
77 83.7 44.0 66.0#
79 91.2 42.4 63.6#

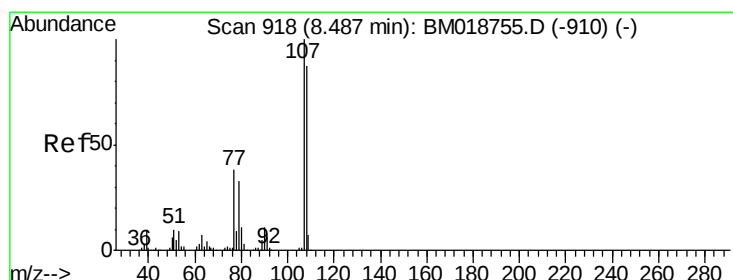
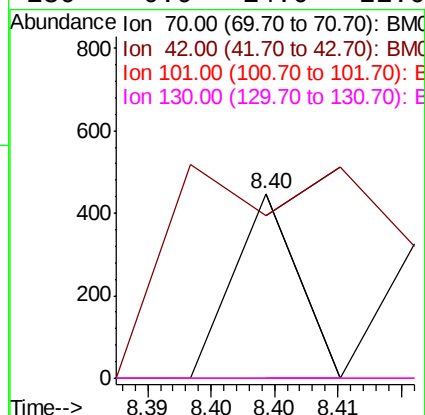
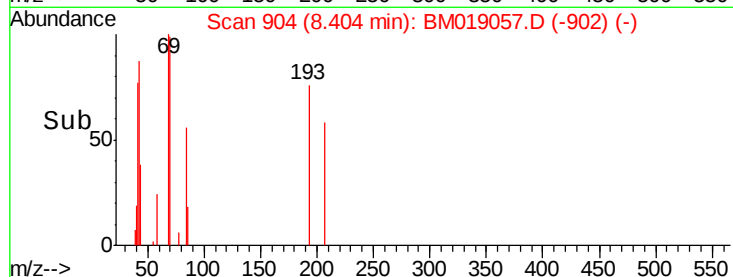
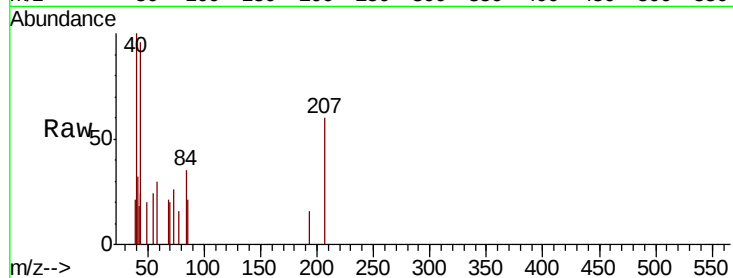




#19
n-Nitroso-di-n-propylamine
Concen: 0.008 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.09 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

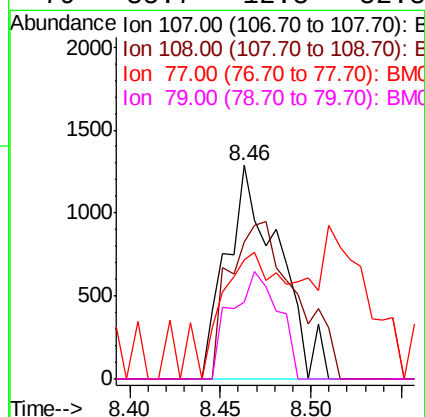
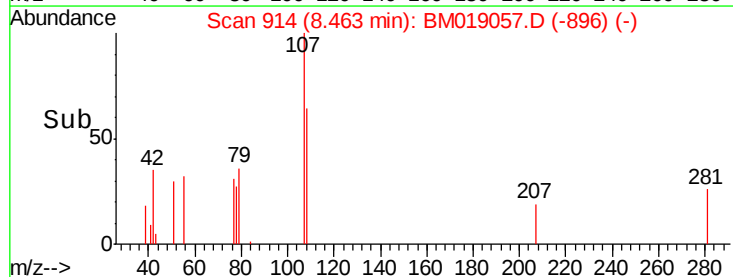
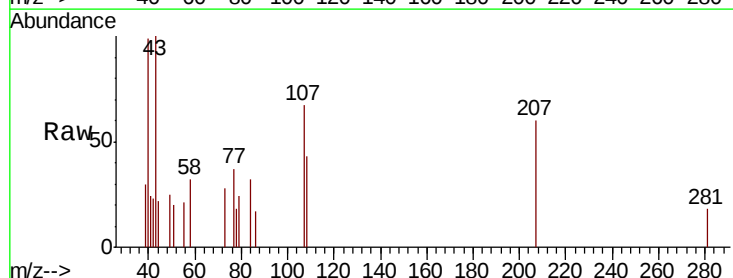
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

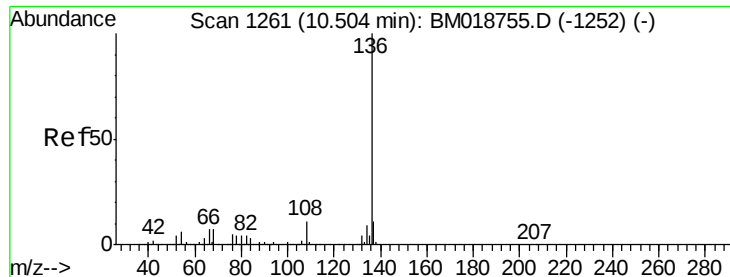
Tgt Ion: 70 Resp: 158
Ion Ratio Lower Upper
70 100
42 87.9 29.4 44.0#
101 0.0 6.7 10.1#
130 0.0 14.0 21.0#



#20
3+4-Methylphenols
Concen: 0.109 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion: 107 Resp: 2585
Ion Ratio Lower Upper
107 100
108 64.3 67.3 107.3#
77 55.8 18.0 58.0
79 35.7 12.8 52.8

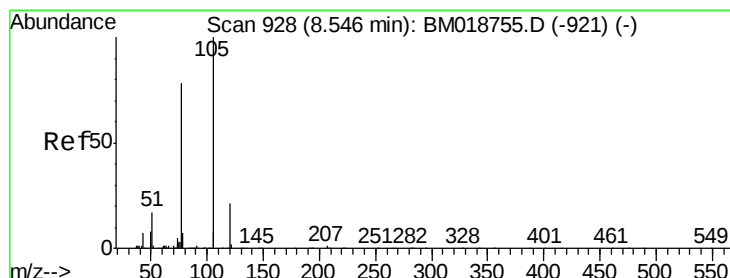
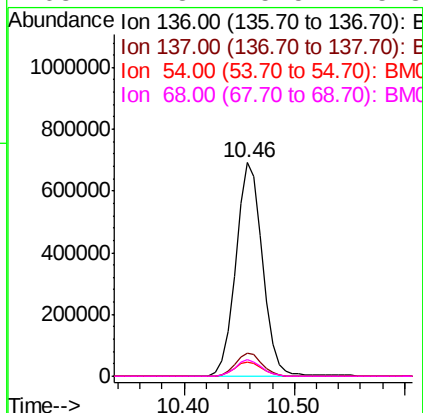
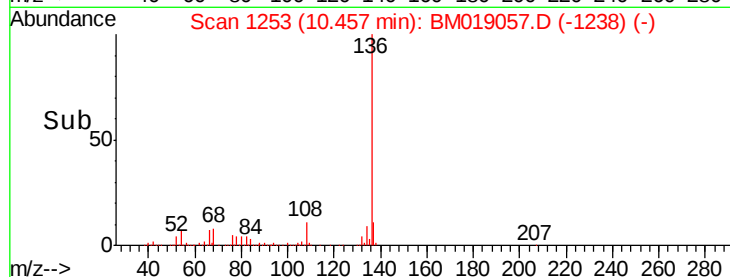
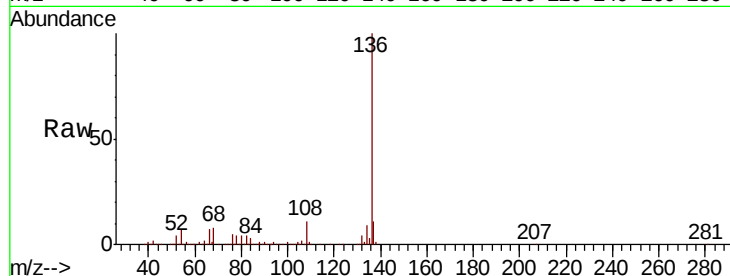




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

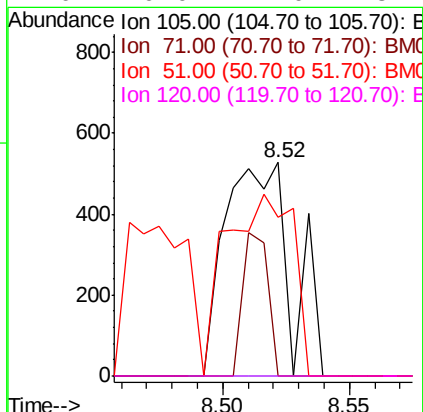
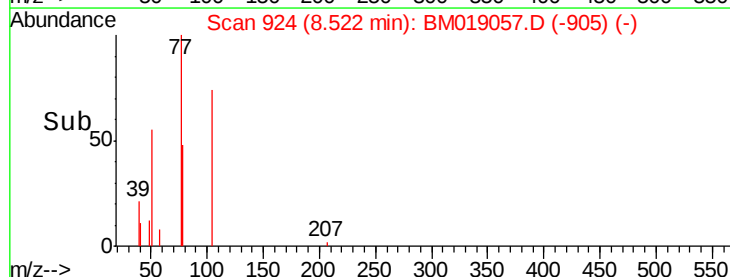
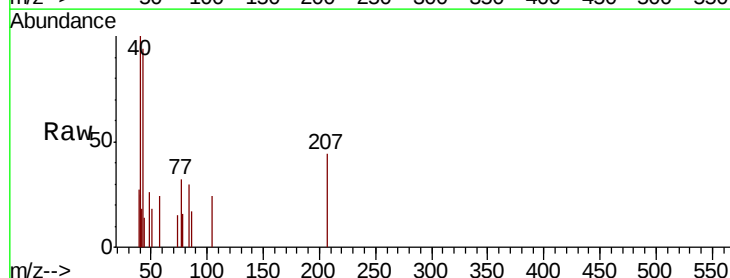
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

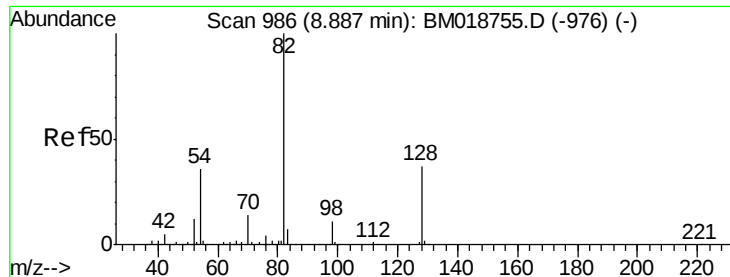
Tgt Ion:	136	Resp:	1176085
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.0	7.6
68	7.8	5.5	8.3



#22
Acetophenone
Concen: 0.030 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:	105	Resp:	955
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	74.6	15.5	23.3#
120	0.0	17.0	25.4#

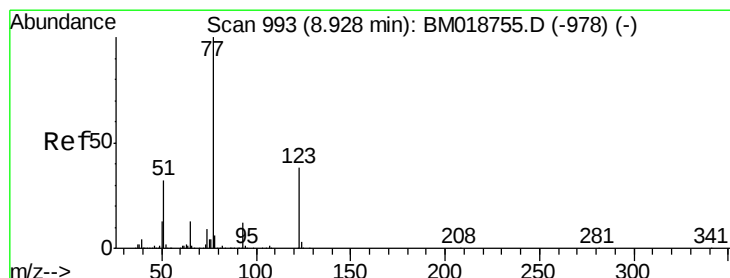
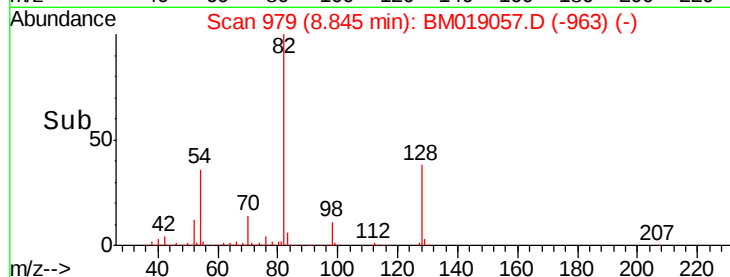
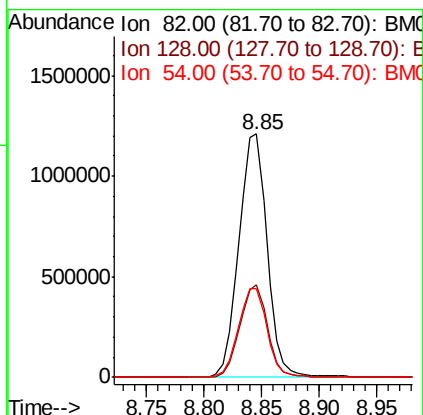
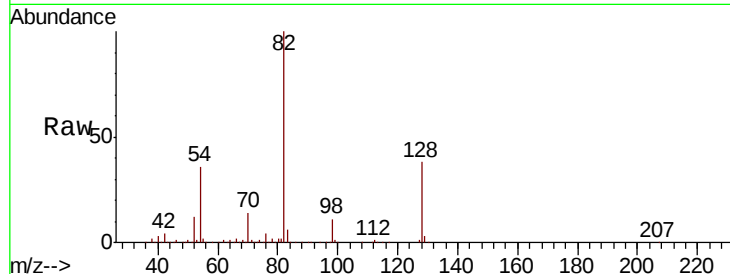




#23
 Nitrobenzene-d5
 Concen: 80.987 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

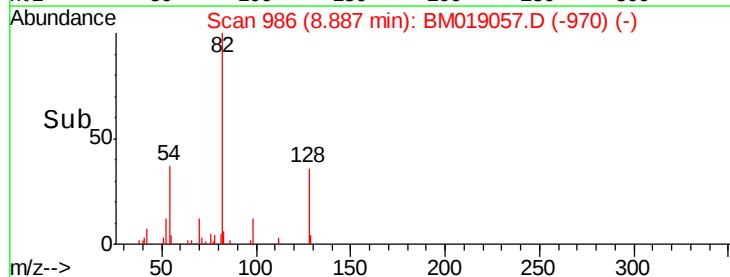
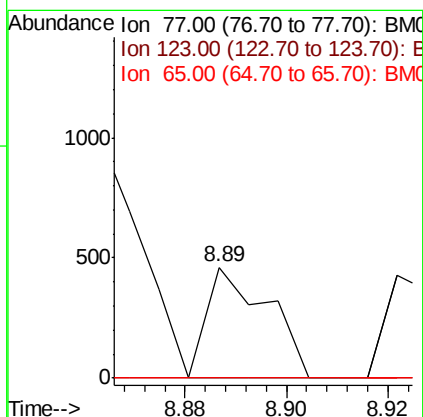
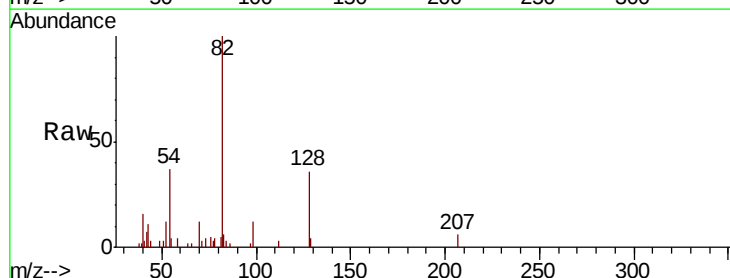
Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B113-022719

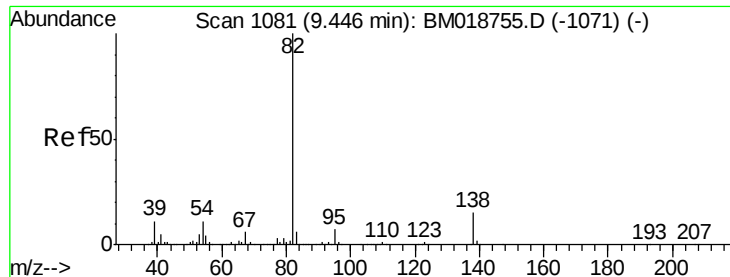
Tgt Ion: 82 Resp: 2059916
 Ion Ratio Lower Upper
 82 100
 128 38.2 29.9 44.9
 54 36.5 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.015 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

Tgt Ion: 77 Resp: 385
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.010 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.04 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

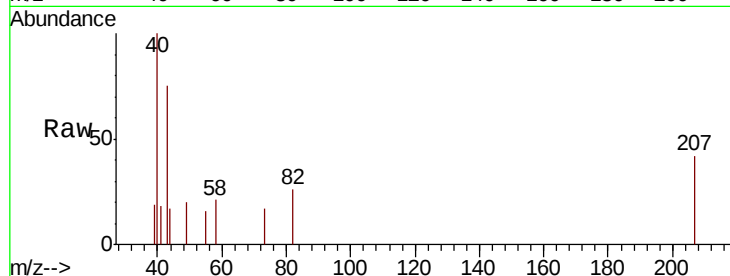
Tgt Ion: 82 Resp: 421

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

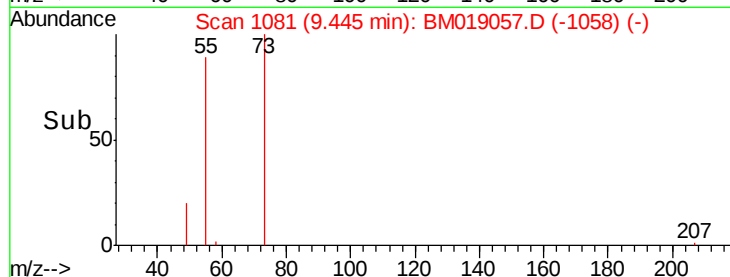


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->

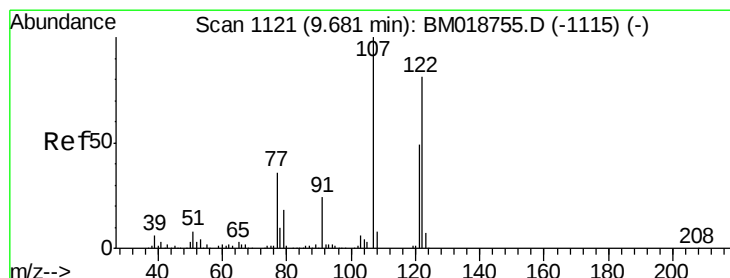


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#27

2,4-Dimethylphenol

Concen: 0.078 ng

RT: 9.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

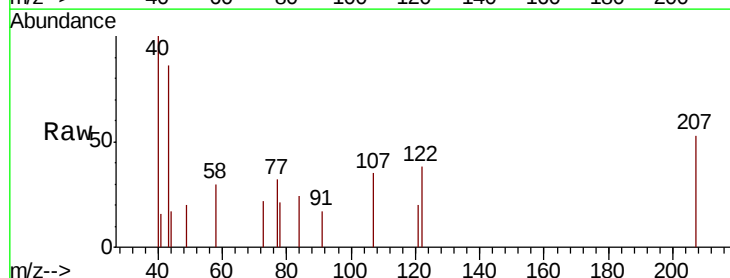
Tgt Ion: 122 Resp: 1193

Ion Ratio Lower Upper

122 100

107 90.9 97.6 146.4#

121 52.6 47.9 71.9

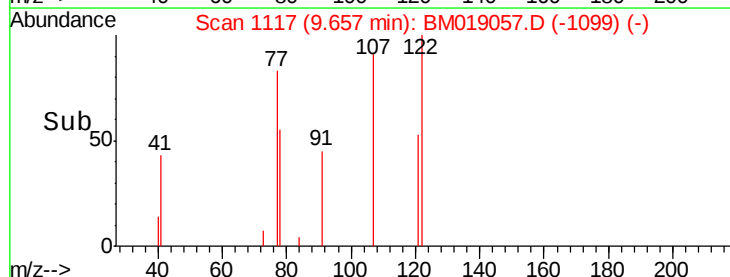


Abundance Ion 122.00 (121.70 to 122.70): BM018755.D (-1115) (-)

Ion 107.00 (106.70 to 107.70): BM018755.D (-1115) (-)

Ion 121.00 (120.70 to 121.70): BM018755.D (-1115) (-)

Time-->

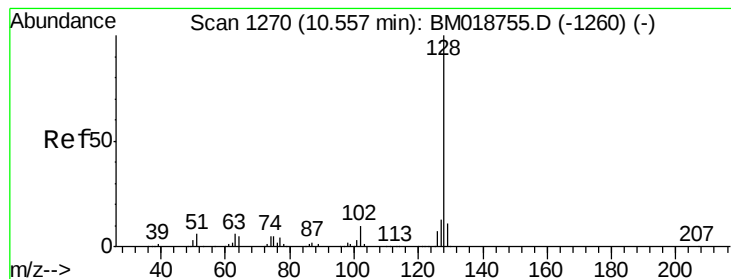


Abundance Ion 122.00 (121.70 to 122.70): BM018755.D (-1115) (-)

Ion 107.00 (106.70 to 107.70): BM018755.D (-1115) (-)

Ion 121.00 (120.70 to 121.70): BM018755.D (-1115) (-)

Time-->



#31

Naphthalene

Concen: 1.559 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

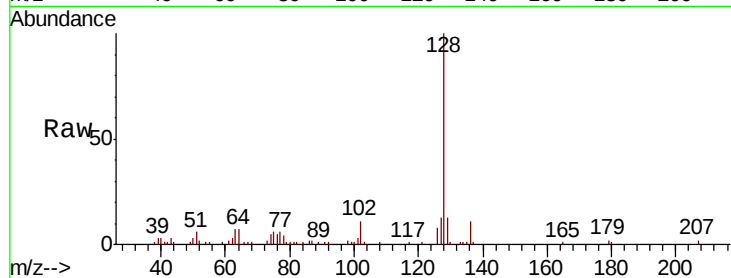
Tgt Ion:128 Resp: 89440

Ion Ratio Lower Upper

128 100

129 12.7 9.0 13.4

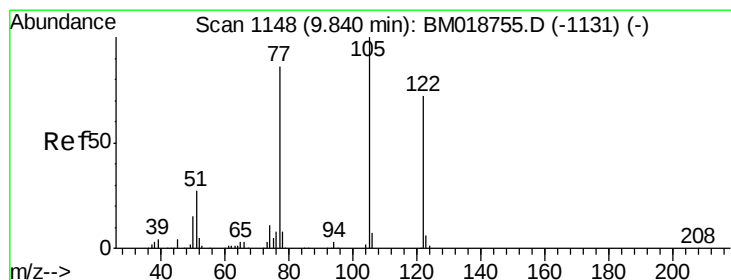
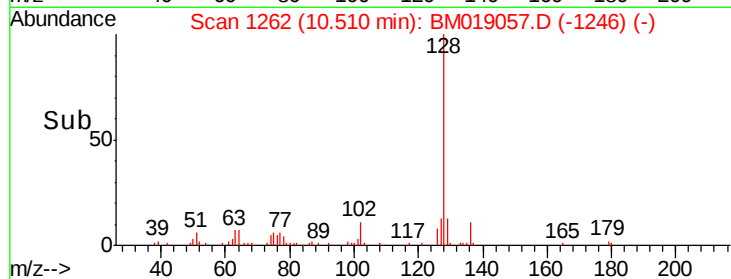
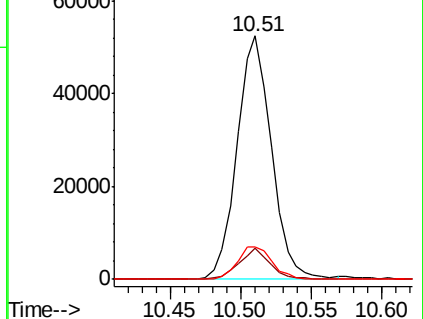
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.033 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

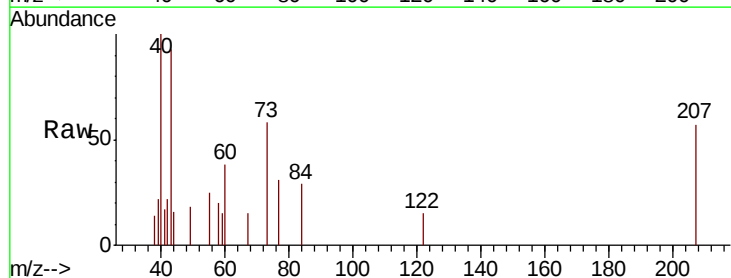
Tgt Ion:122 Resp: 444

Ion Ratio Lower Upper

122 100

105 0.0 117.5 157.5#

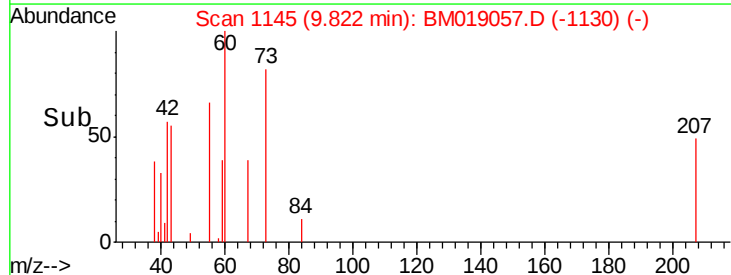
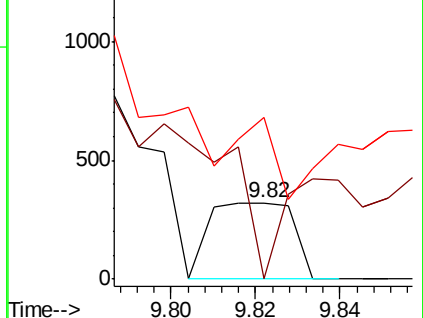
77 211.5 98.5 138.5#

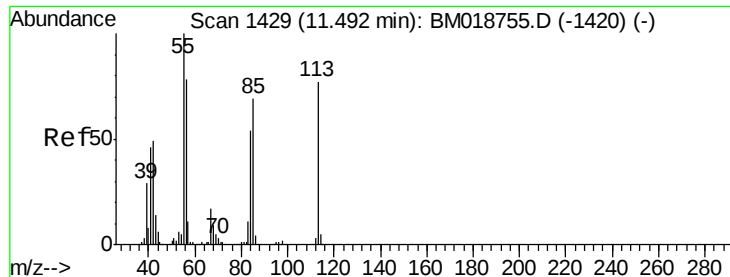


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#35

Caprolactam

Concen: 0.143 ng

RT: 11.50 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

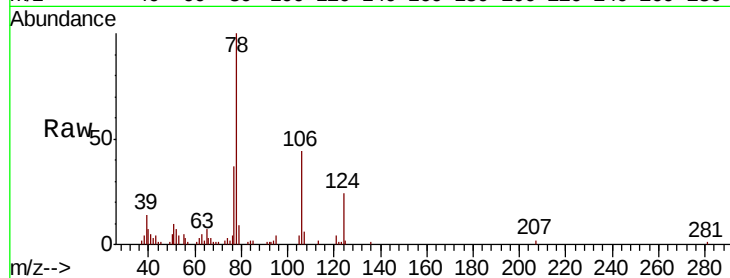
Tgt Ion:113 Resp: 1026

Ion Ratio Lower Upper

113 100

55 294.4 110.7 150.7#

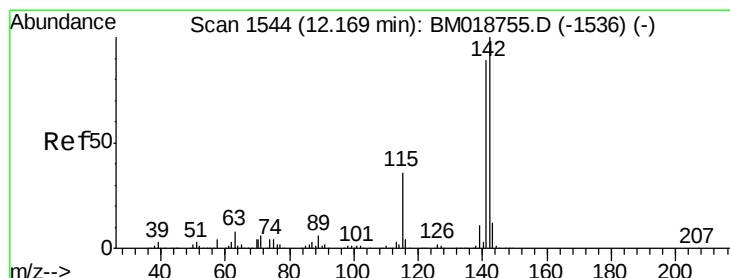
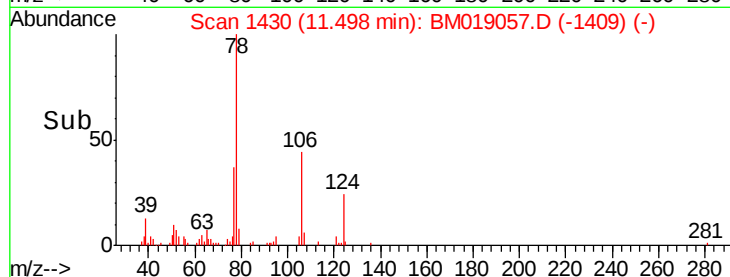
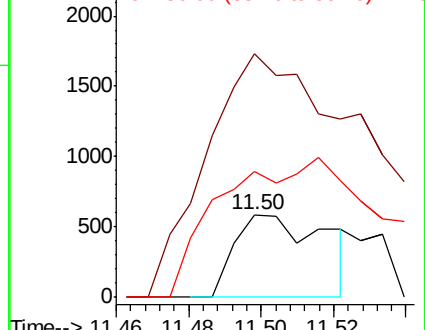
56 151.7 82.4 122.4#



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



#37

2-Methylnaphthalene

Concen: 2.072 ng

RT: 12.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

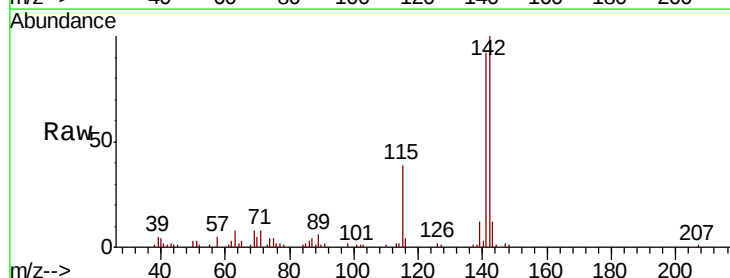
Tgt Ion:142 Resp: 83680

Ion Ratio Lower Upper

142 100

141 91.7 71.2 106.8

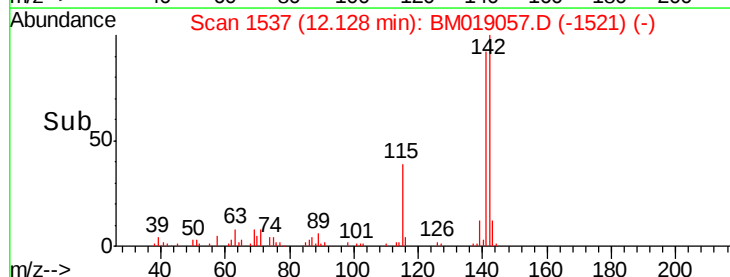
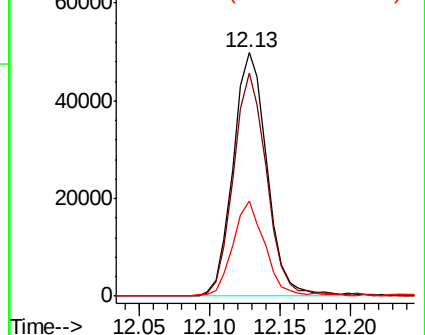
115 39.0 29.1 43.7

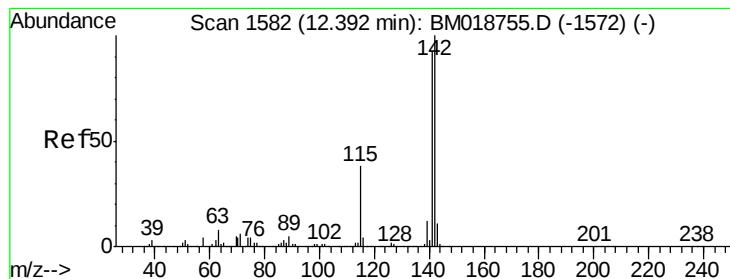


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

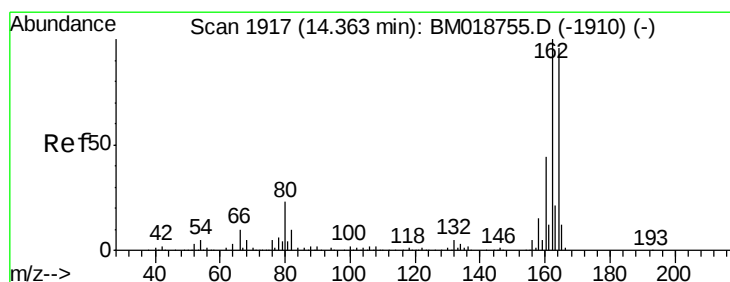
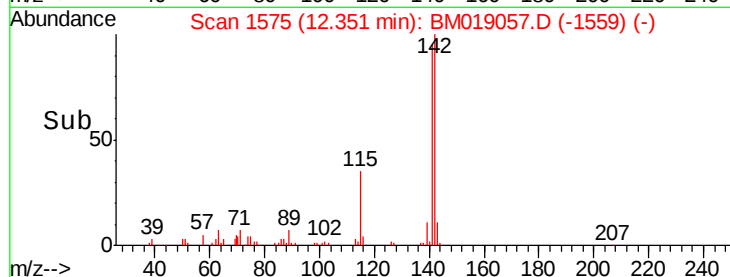
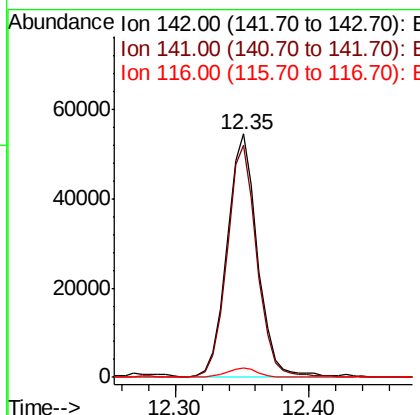
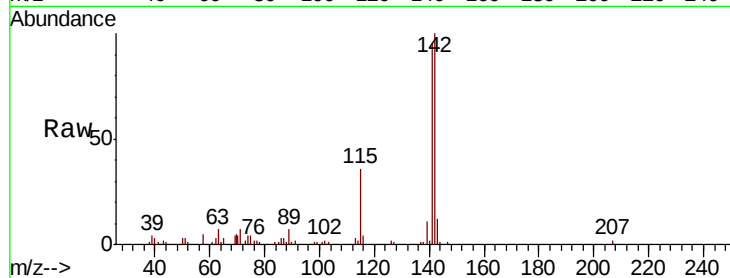




#38
1-Methylnaphthalene
Concen: 2.206 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

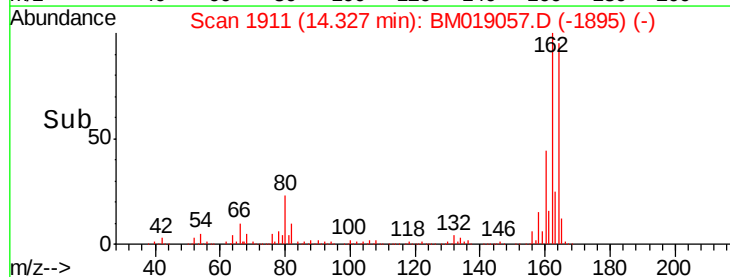
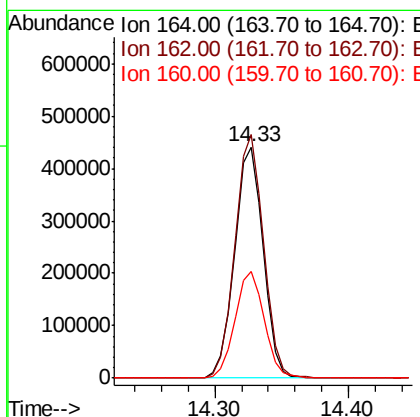
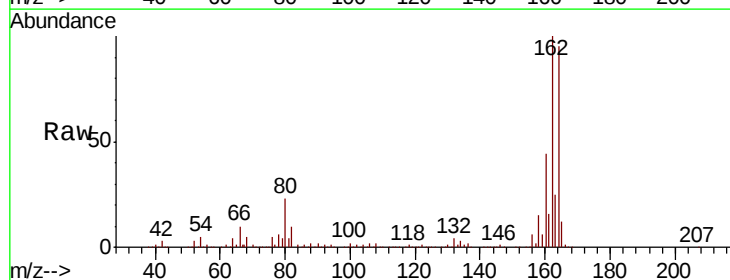
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

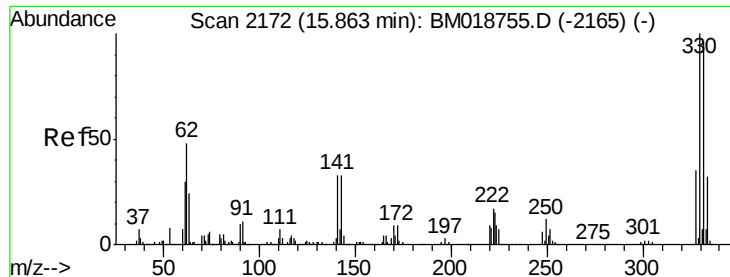
Tgt Ion:142 Resp: 87105
Ion Ratio Lower Upper
142 100
141 95.4 73.9 110.9
116 3.9 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:164 Resp: 653860
Ion Ratio Lower Upper
164 100
162 105.2 83.4 125.0
160 46.3 36.6 55.0

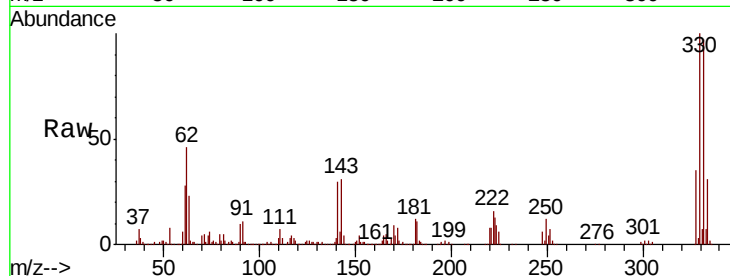




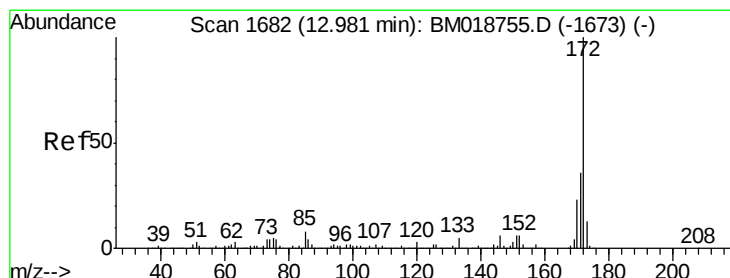
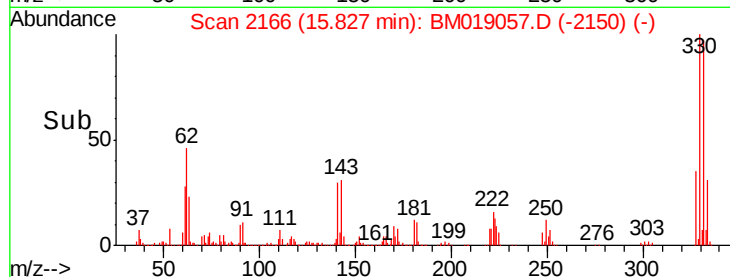
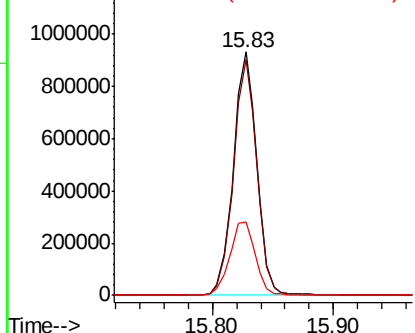
#42
 2,4,6-Tribromophenol
 Concen: 134.372 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B113-022719

Tgt Ion:330 Resp: 1266481
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 33.0 28.7 43.1

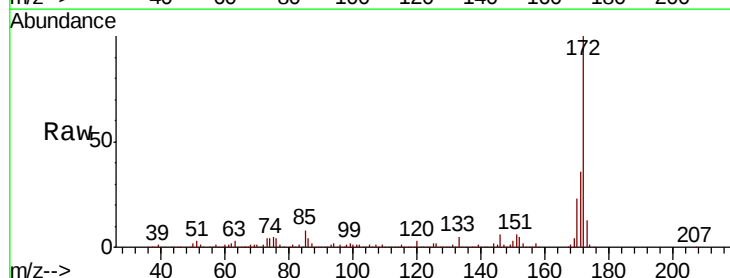


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

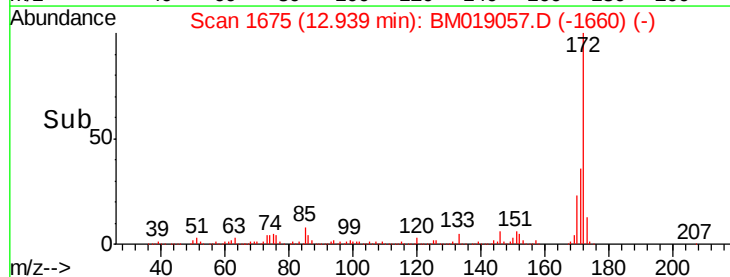
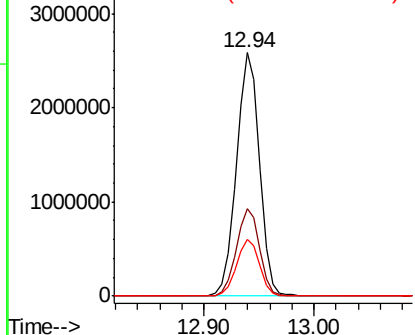


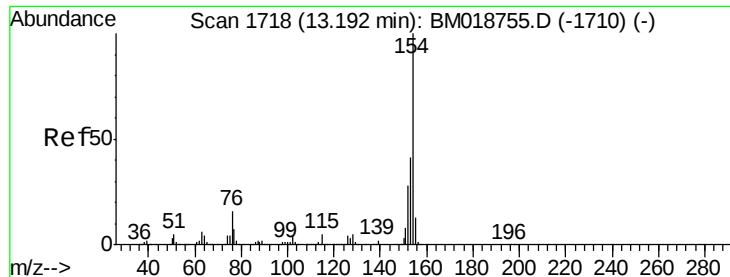
#45
 2-Fluorobiphenyl
 Concen: 76.980 ng
 RT: 12.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

Tgt Ion:172 Resp: 3791695
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.5 18.6 28.0



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

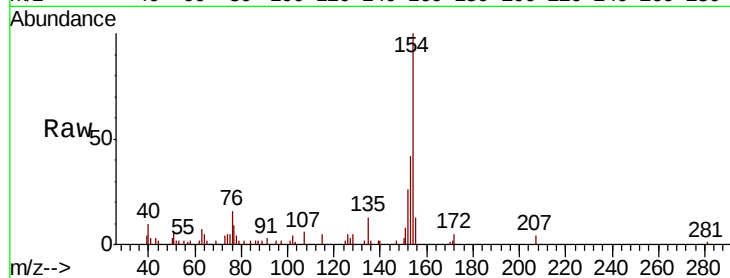




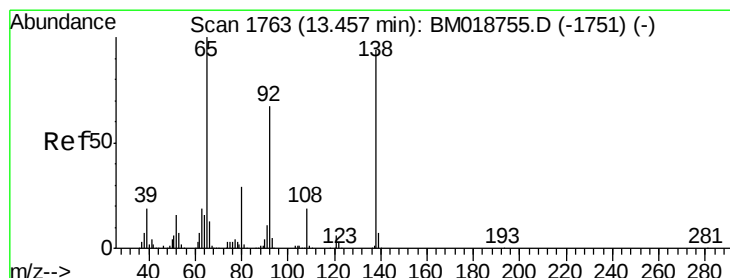
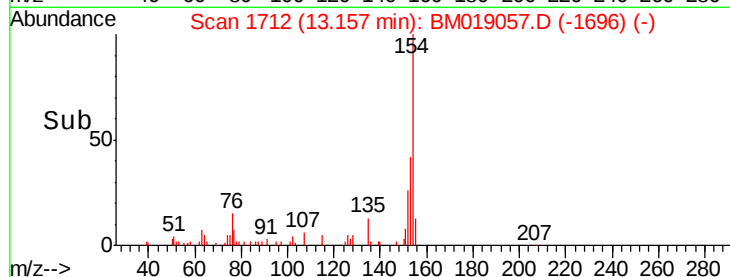
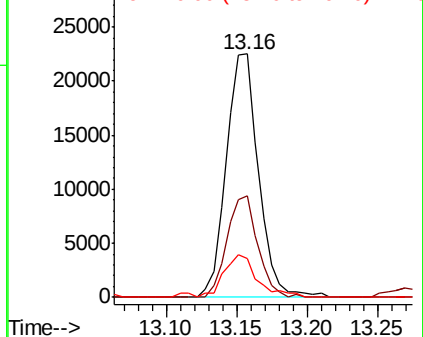
#46
1,1'-Biphenyl
Concen: 0.637 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.1	61.1
76	15.9	0.0	35.7

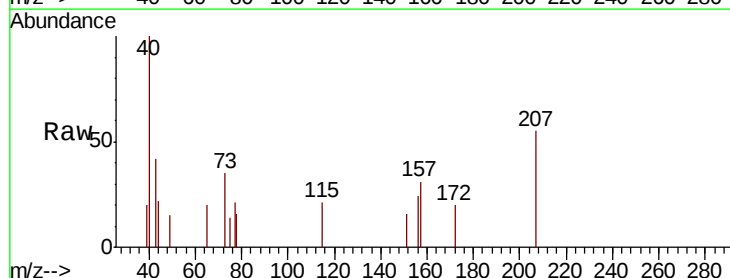


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

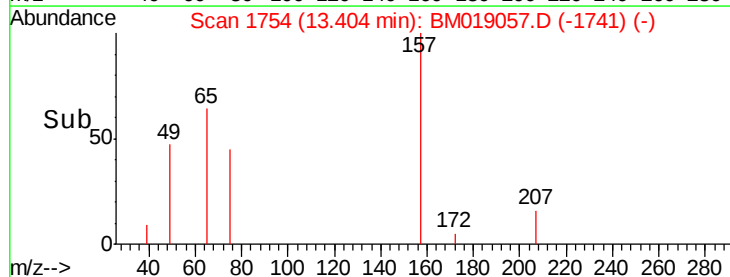
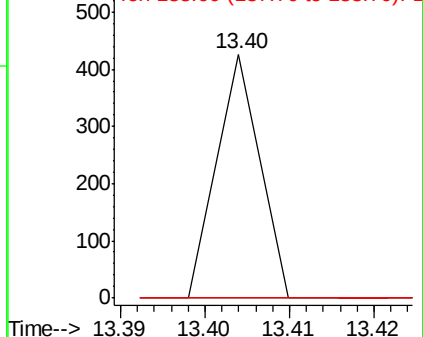


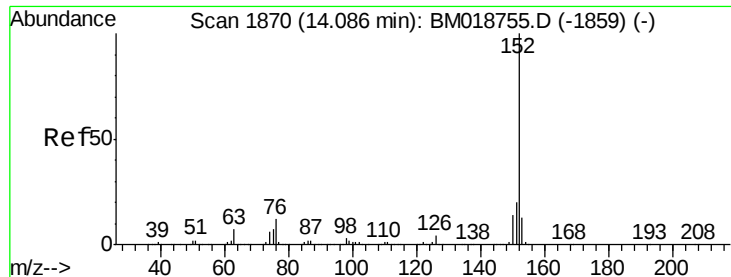
#48
2-Nitroaniline
Concen: 0.010 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.0	81.0#
138	0.0	74.9	112.3#



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





#49

Acenaphthylene

Concen: 0.884 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

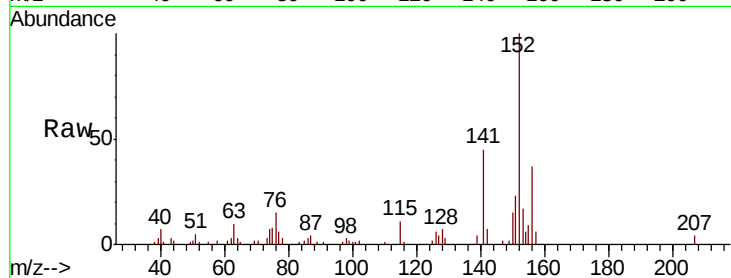
Tgt Ion:152 Resp: 57238

Ion Ratio Lower Upper

152 100

151 22.6 15.8 23.8

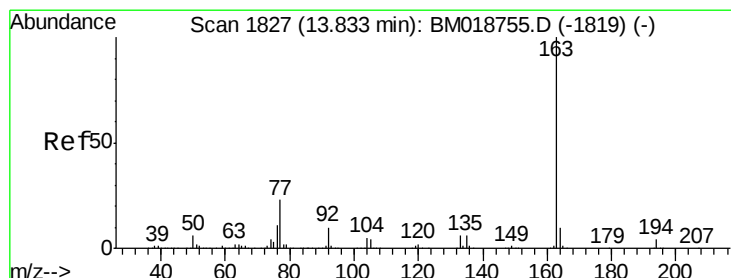
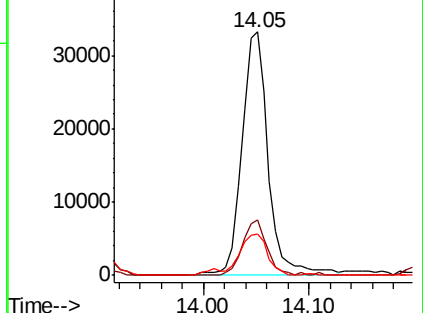
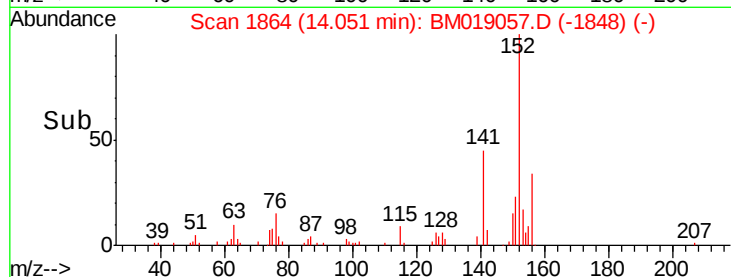
153 17.2 10.5 15.7#



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: 4.511 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

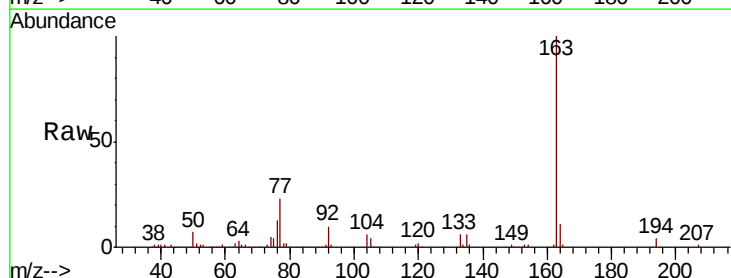
Tgt Ion:163 Resp: 245789

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

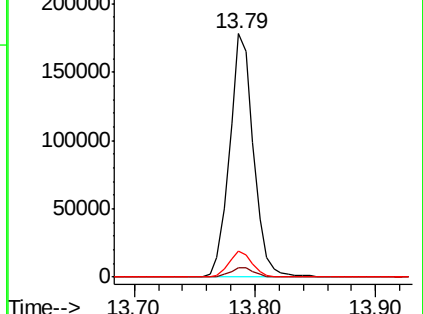
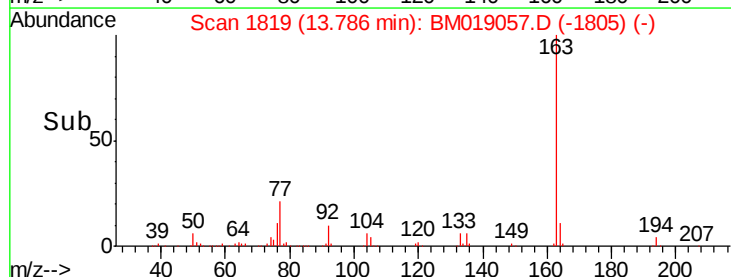
164 10.9 7.8 11.8

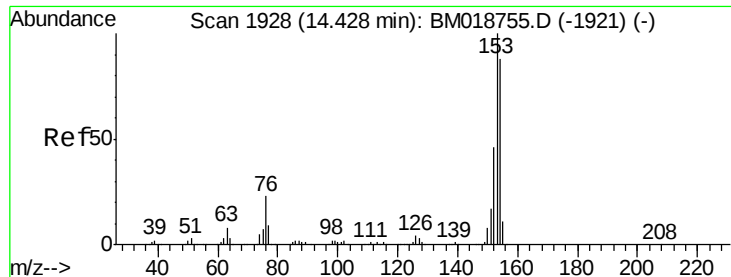


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 7.055 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

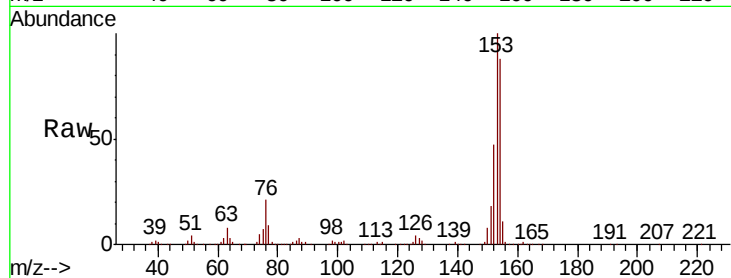
Tgt Ion:154 Resp: 280033

Ion Ratio Lower Upper

154 100

153 114.0 91.3 136.9

152 53.7 42.2 63.4

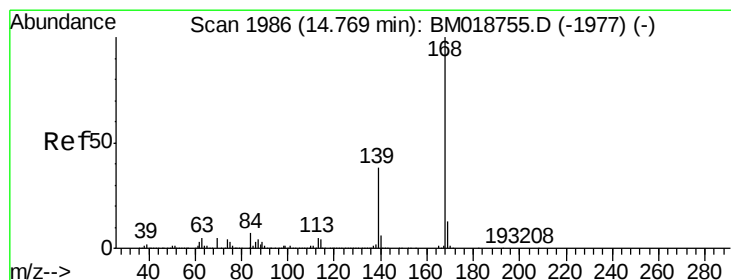
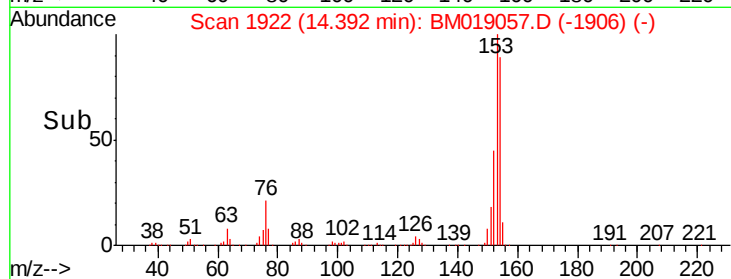
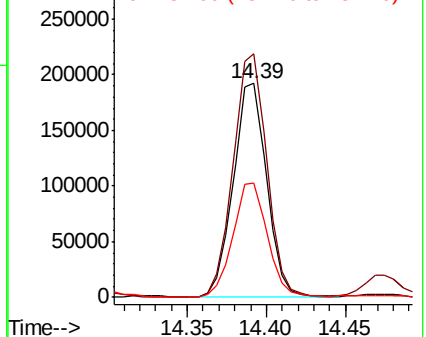


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 5.178 ng

RT: 14.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

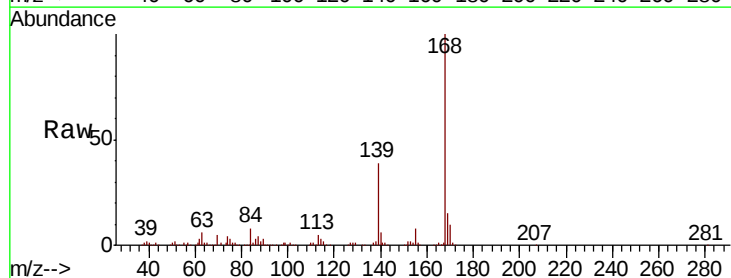
Tgt Ion:168 Resp: 337793

Ion Ratio Lower Upper

168 100

139 39.0 30.7 46.1

169 15.0 10.3 15.5

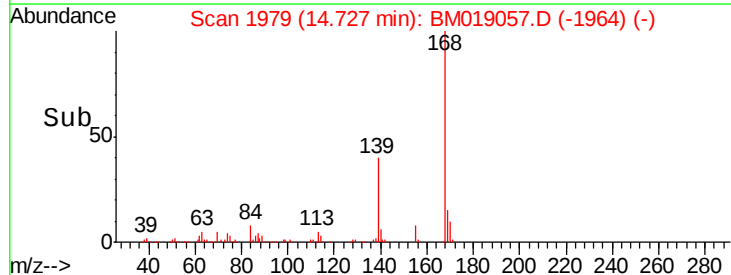
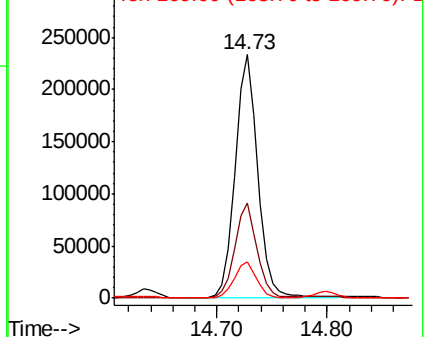


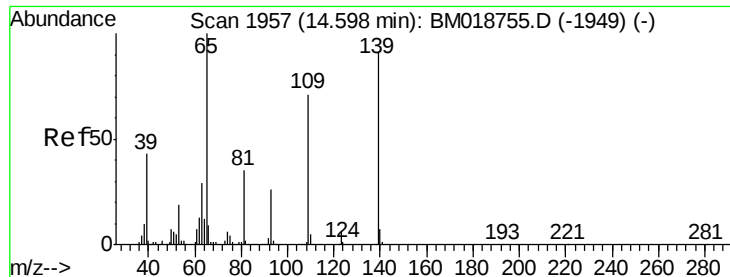
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.244 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.05 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

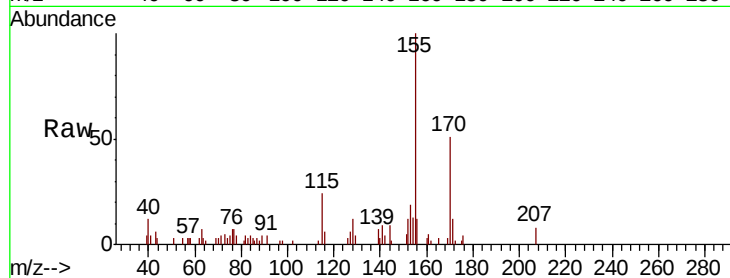
Tgt Ion:139 Resp: 2596

Ion Ratio Lower Upper

139 100

109 0.0 58.4 98.4#

65 31.3 89.8 129.8#

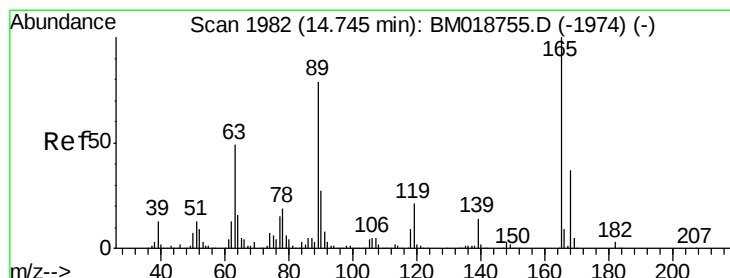
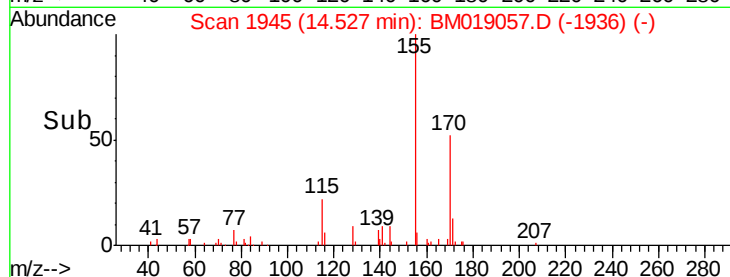
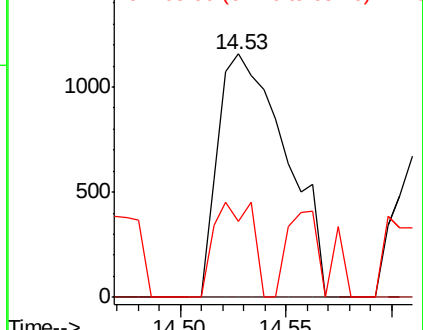


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

2,4-Dinitrotoluene

Concen: 0.138 ng

RT: 14.72 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Tgt Ion:165 Resp: 2252

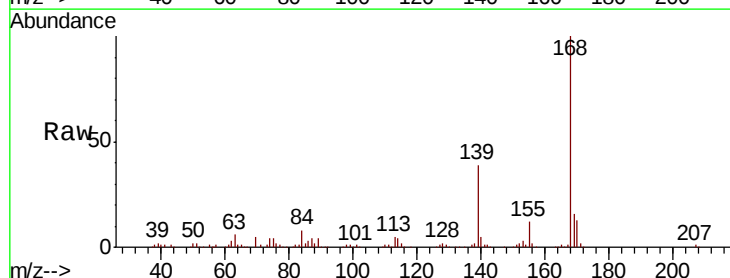
Ion Ratio Lower Upper

165 100

63 961.6 39.6 59.4#

89 569.0 63.5 95.3#

182 0.0 2.2 3.4#



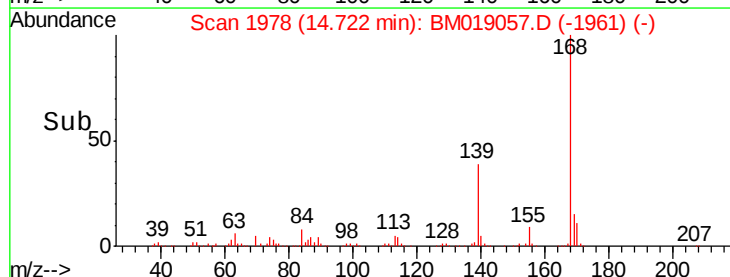
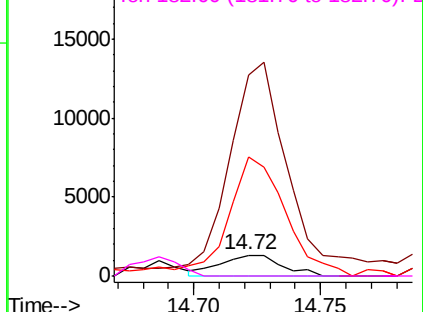
Abundance

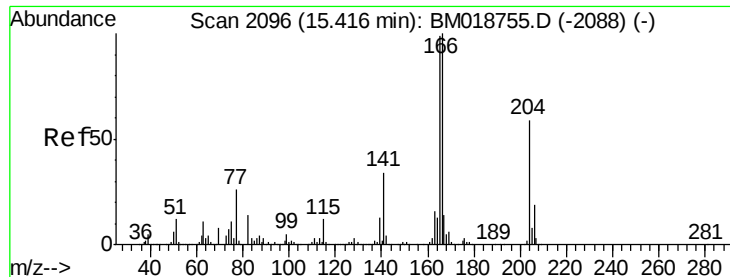
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 6.177 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

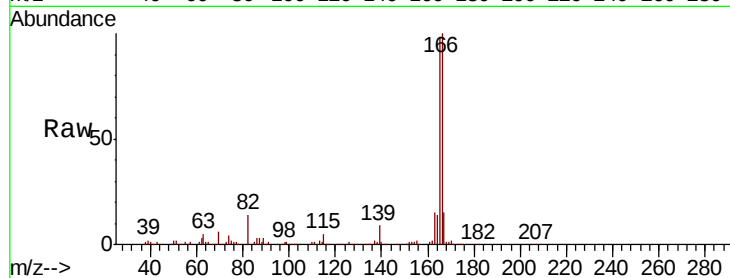
Tgt Ion:166 Resp: 308307

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

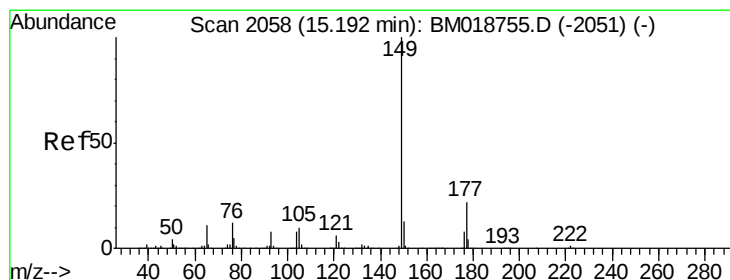
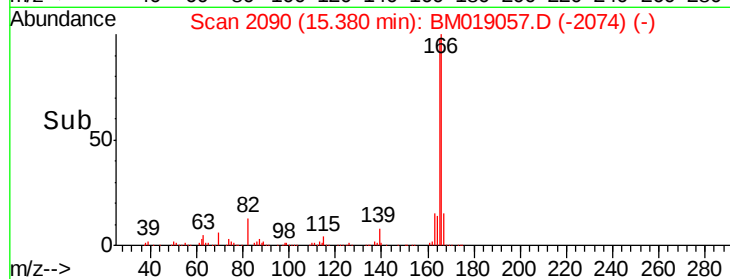
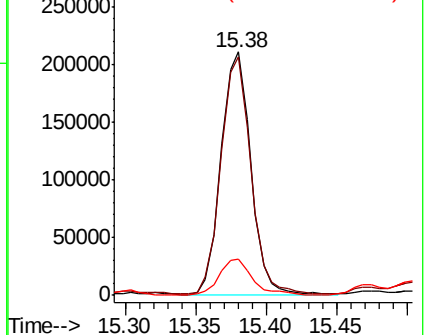
167 15.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.066 ng

RT: 15.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

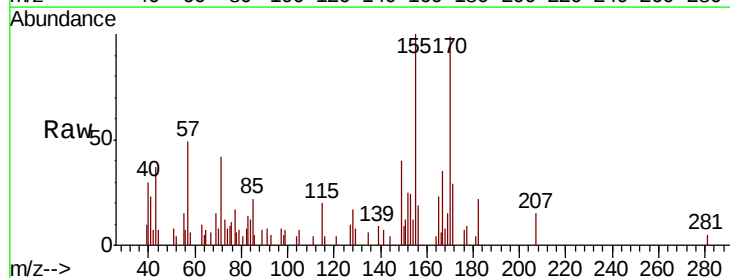
Tgt Ion:149 Resp: 3709

Ion Ratio Lower Upper

149 100

177 22.3 17.2 25.8

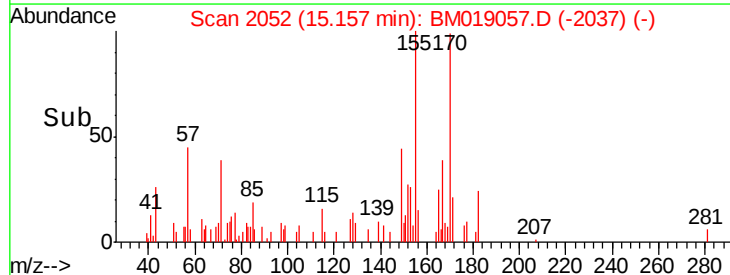
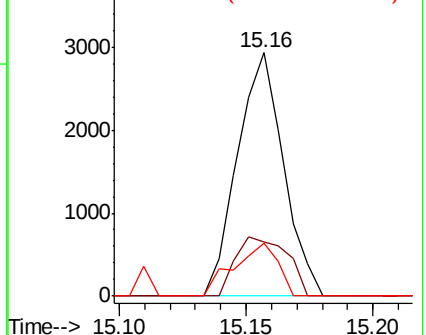
150 21.5 10.2 15.2#

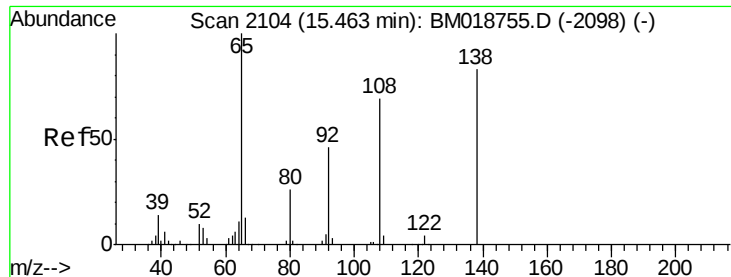


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

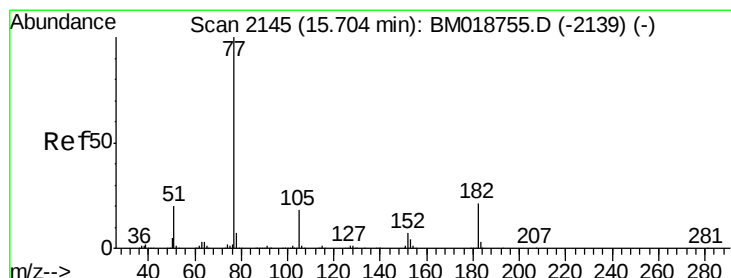
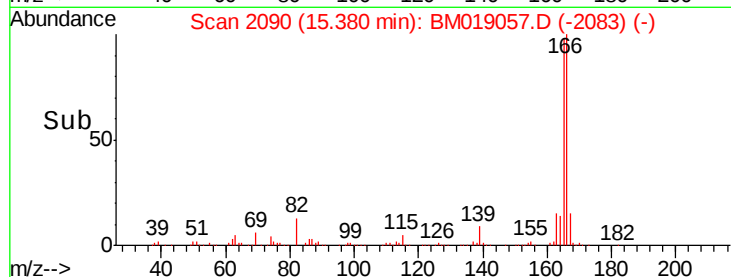
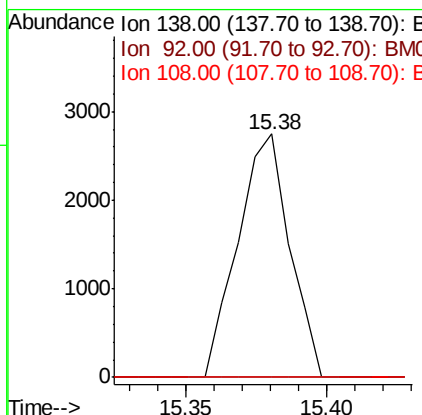
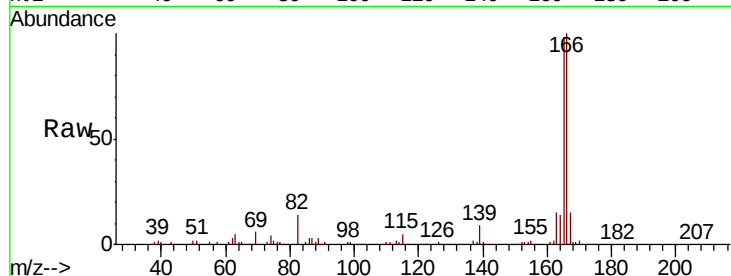




#62
 4-Nitroaniline
 Concen: 0.267 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.06 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

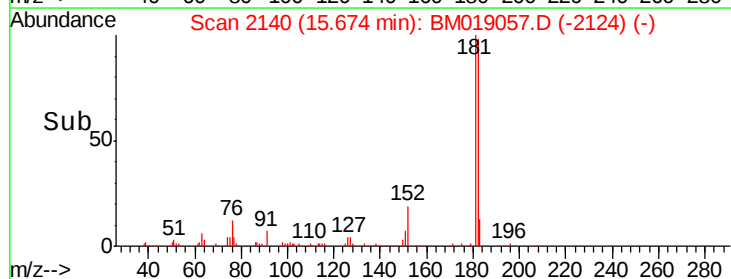
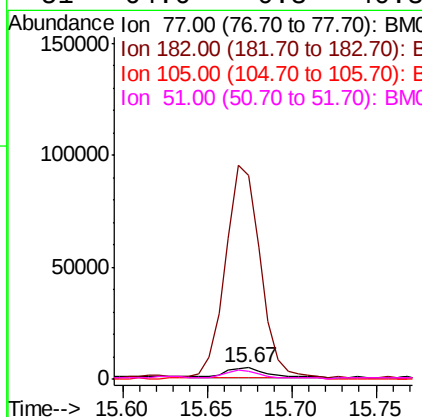
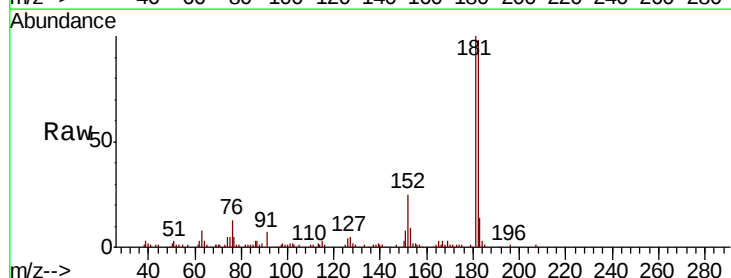
Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B113-022719

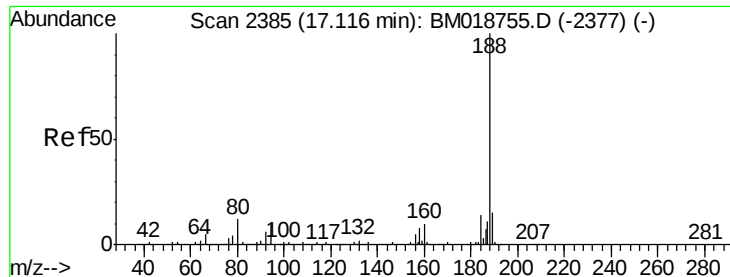
Tgt Ion: 138 Resp: 3491
 Ion Ratio Lower Upper
 138 100
 92 0.0 35.5 75.5#
 108 0.0 62.4 102.4#



#63
 Azobenzene
 Concen: 0.124 ng
 RT: 15.67 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

Tgt Ion: 77 Resp: 7451
 Ion Ratio Lower Upper
 77 100
 182 1843.4 1.0 41.0#
 105 13.8 0.0 37.7
 51 64.6 0.3 40.3#

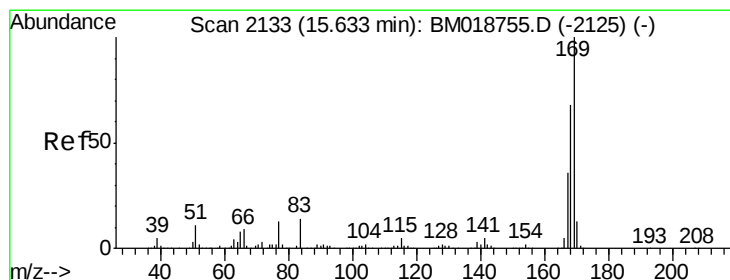
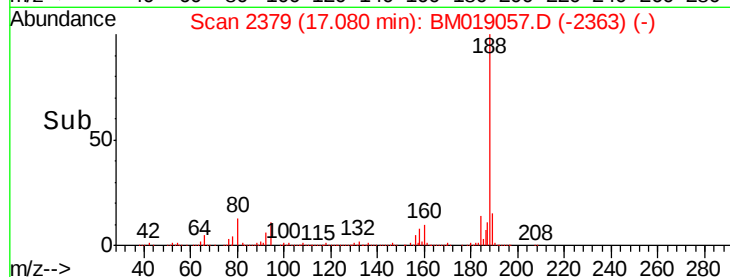
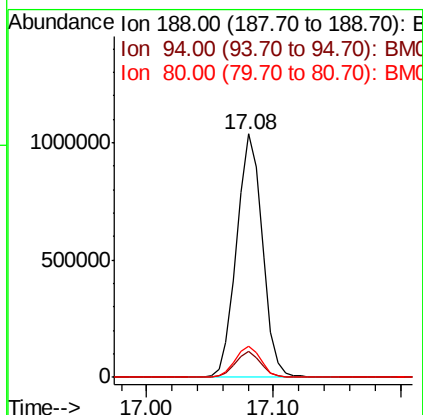
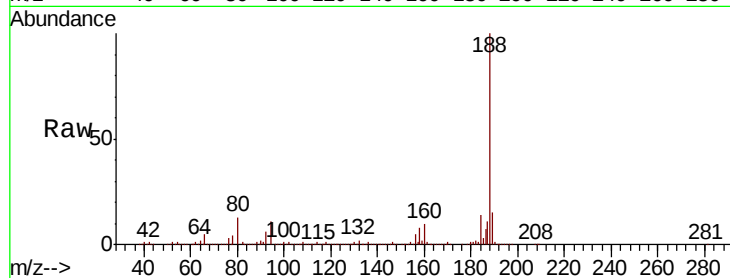




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

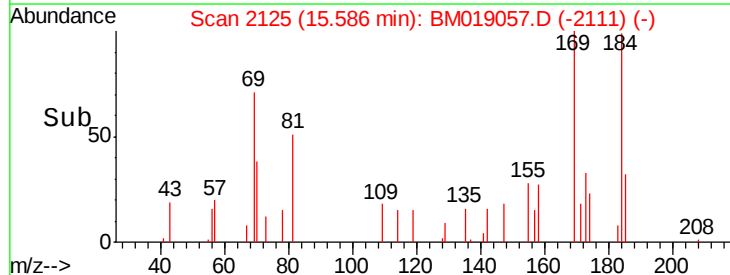
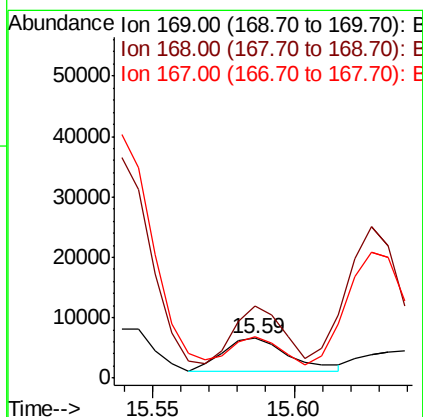
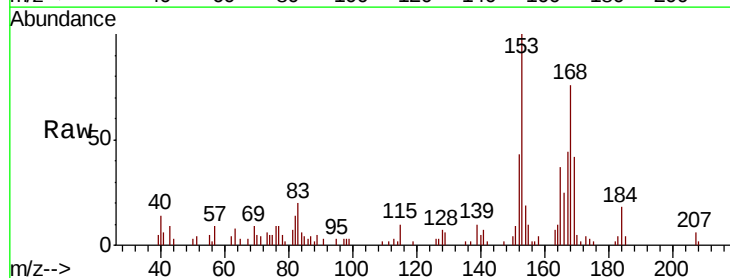
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

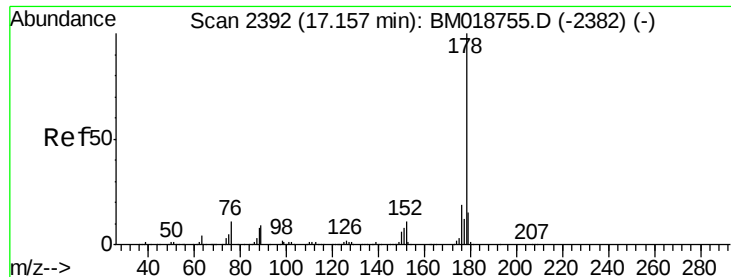
Tgt Ion:188 Resp: 1457247
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 12.7 9.7 14.5



#66
n-Nitrosodiphenylamine
Concen: 0.189 ng
RT: 15.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:169 Resp: 8716
Ion Ratio Lower Upper
169 100
168 180.2 54.4 81.6#
167 104.4 29.0 43.6#

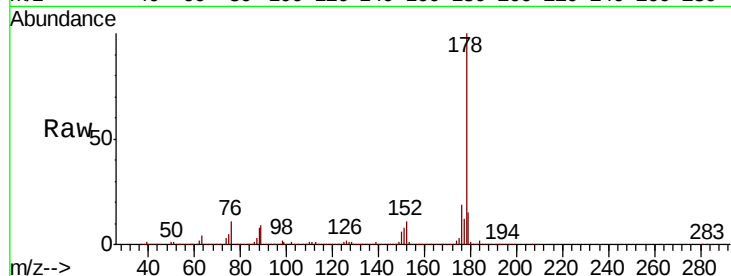




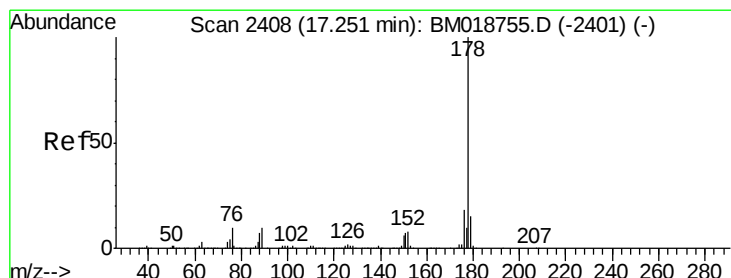
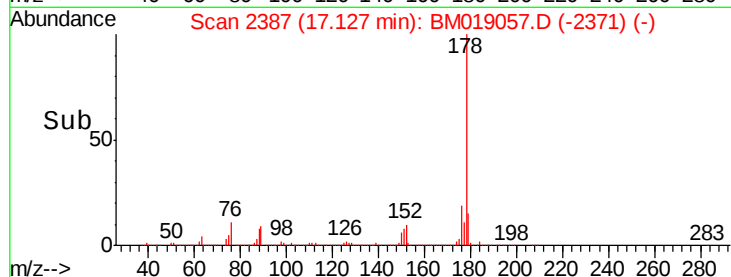
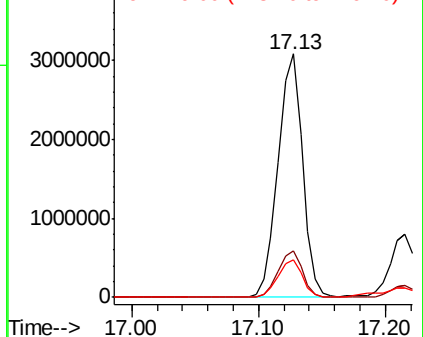
#71
Phenanthrene
Concen: 53.067 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

Tgt Ion:178 Resp: 4155944
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5

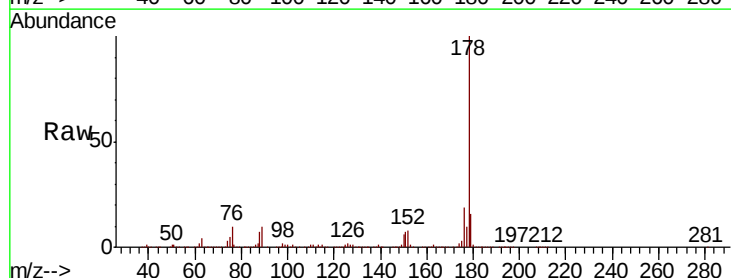


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

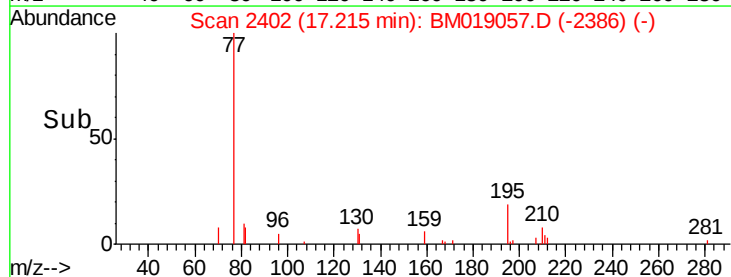
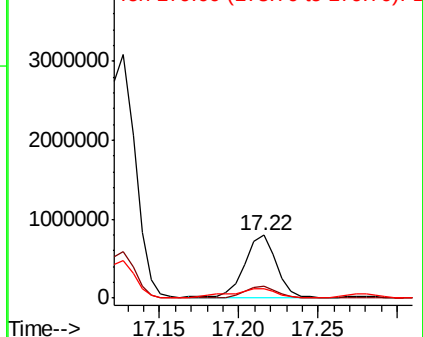


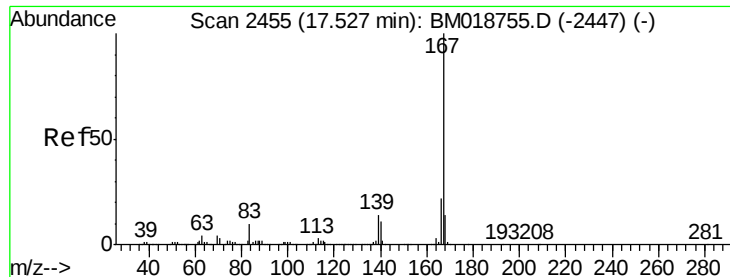
#72
Anthracene
Concen: 14.148 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:178 Resp: 1078412
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.1 18.1



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

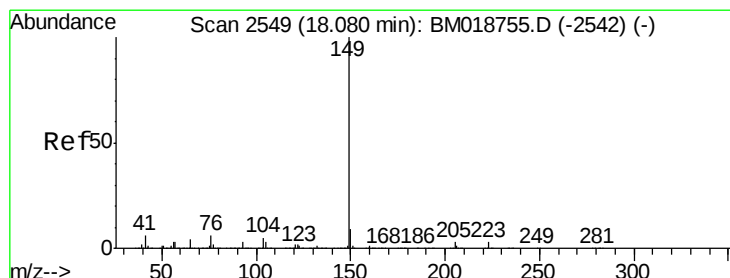
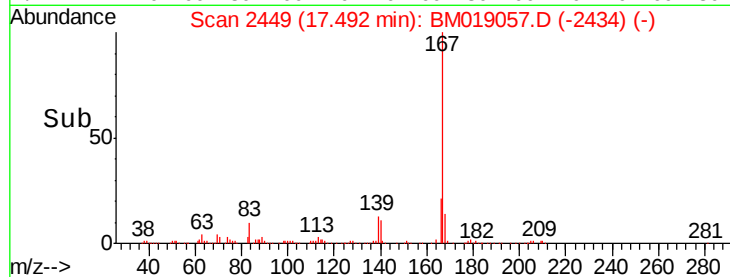
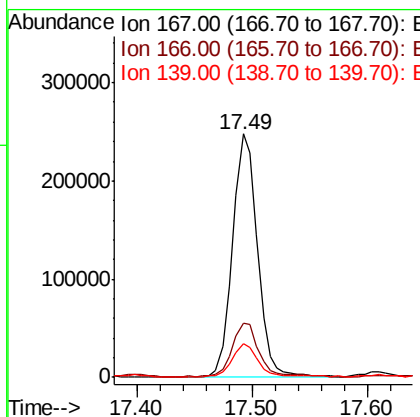
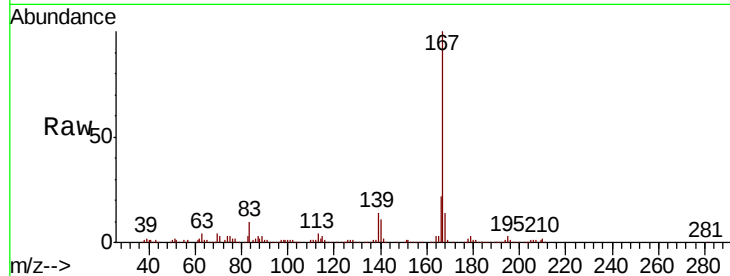




#73
 Carbazole
 Concen: 4.638 ng
 RT: 17.49 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

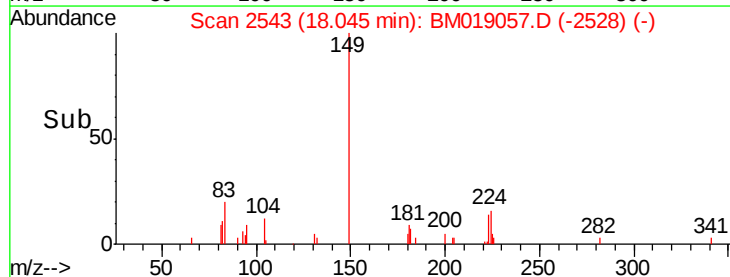
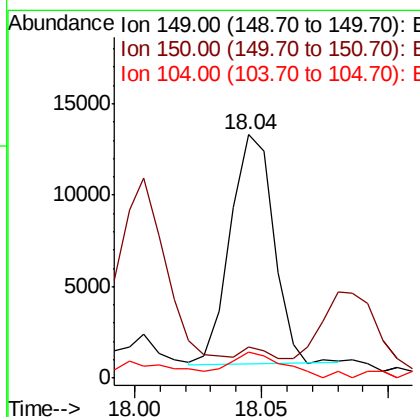
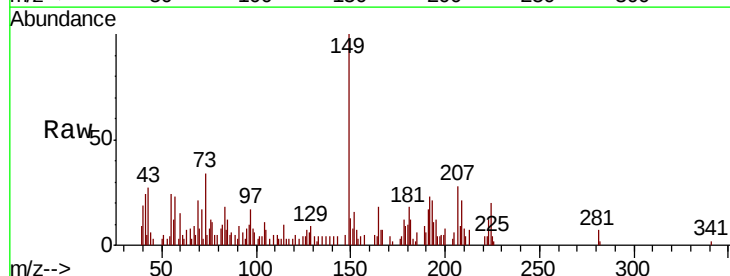
Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B113-022719

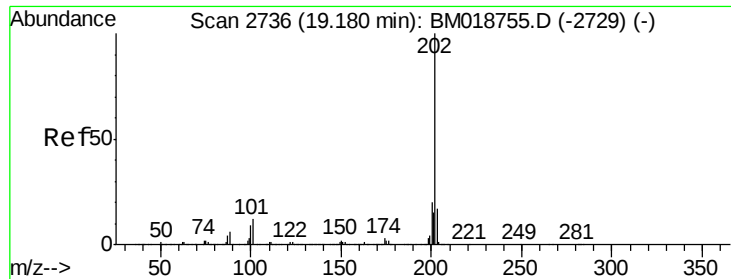
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	13.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 0.163 ng
 RT: 18.04 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BM019057.D
 Acq: 06 Mar 2019 04:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.8	7.4	11.0#
104	10.6	4.3	6.5#





#75

Fluoranthene

Concen: 45.045 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

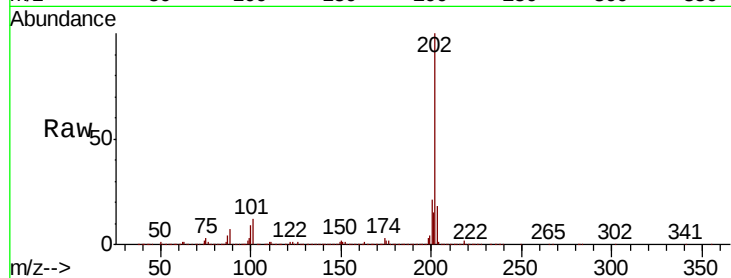
Tgt Ion:202 Resp: 4074909

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.5

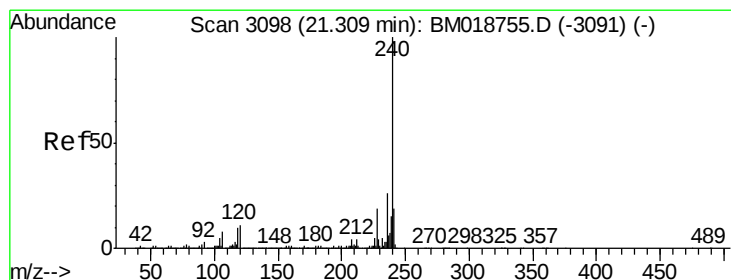
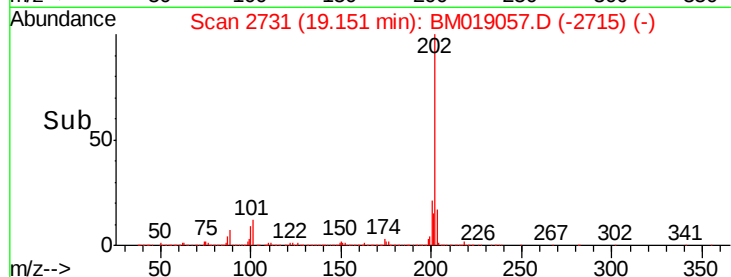
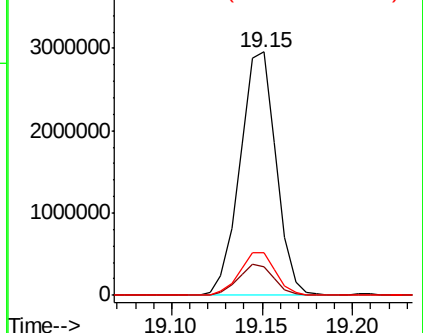
203 17.6 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

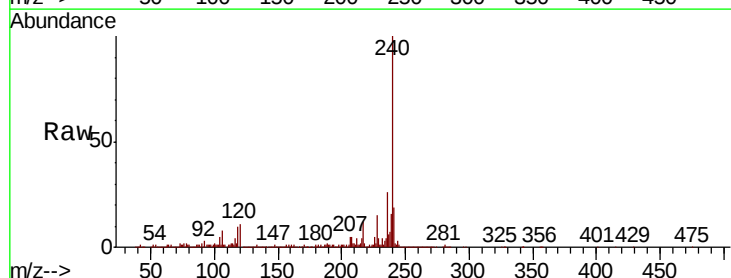
Tgt Ion:240 Resp: 1396104

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

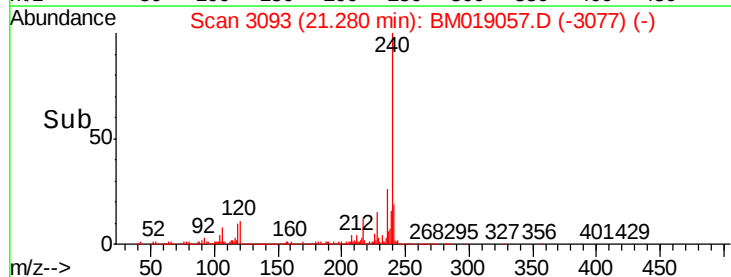
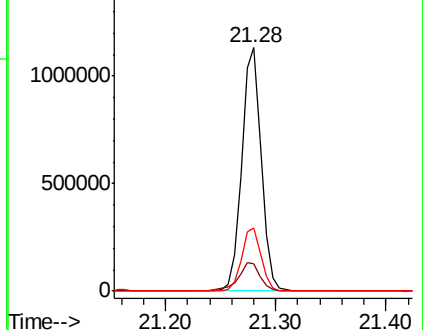
236 26.2 20.9 31.3

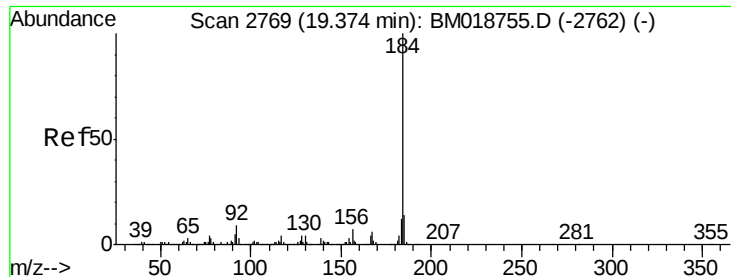


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

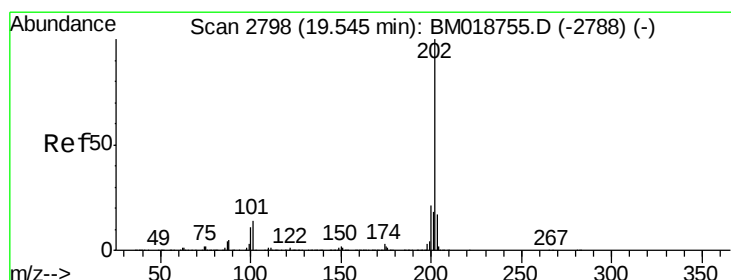
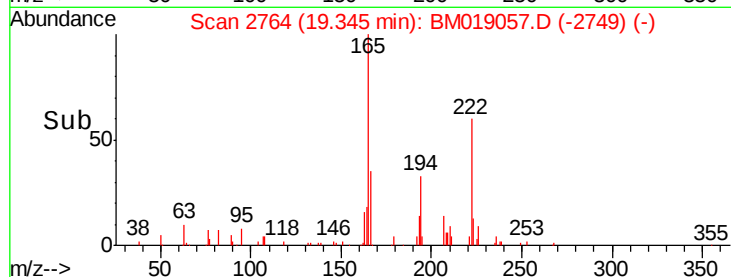
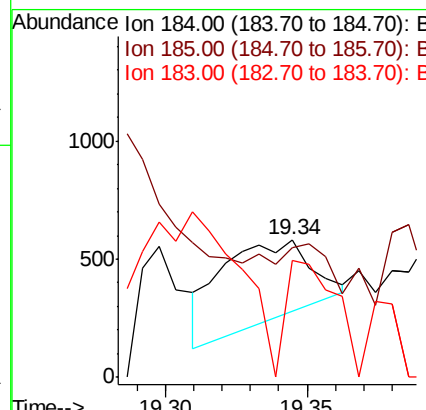
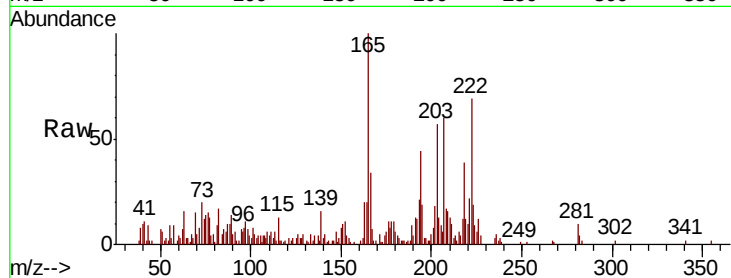




#77
Benzidine
Concen: 0.025 ng
RT: 19.34 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

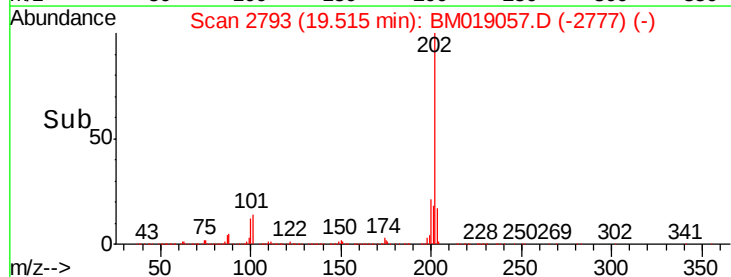
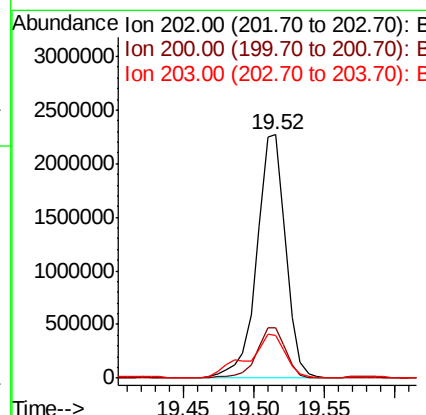
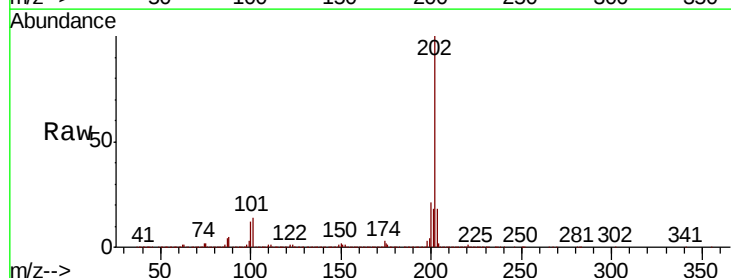
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

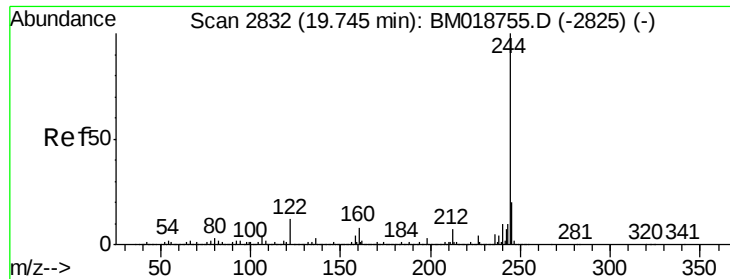
Tgt Ion:184 Resp: 772
Ion Ratio Lower Upper
184 100
185 93.8 11.2 16.8#
183 84.7 9.7 14.5#



#78
Pyrene
Concen: 40.272 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:202 Resp: 3265426
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 80.709 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

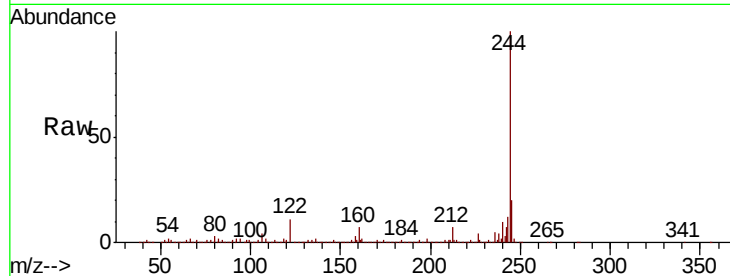
Tgt Ion:244 Resp: 5462114

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

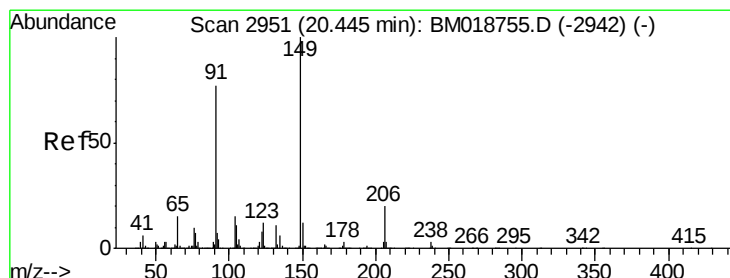
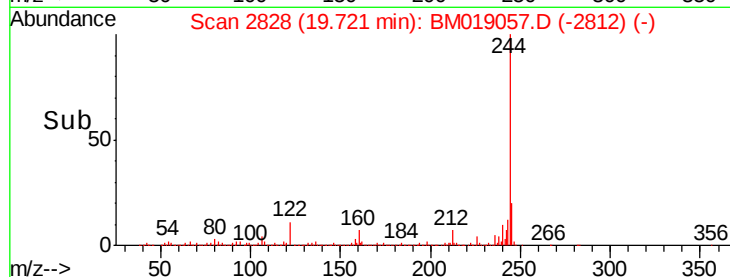
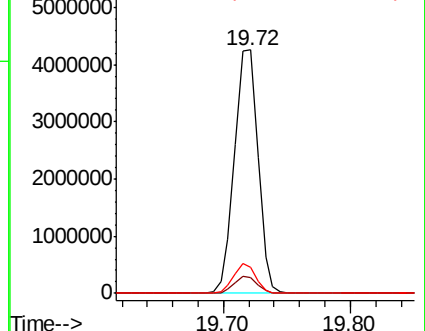
122 10.7 9.3 13.9



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: 0.071 ng

RT: 20.41 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

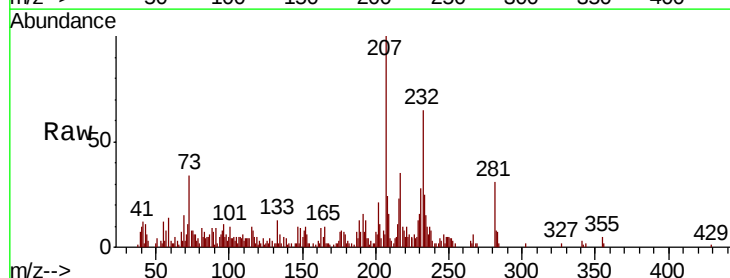
Tgt Ion:149 Resp: 2620

Ion Ratio Lower Upper

149 100

91 100.0 61.4 92.0#

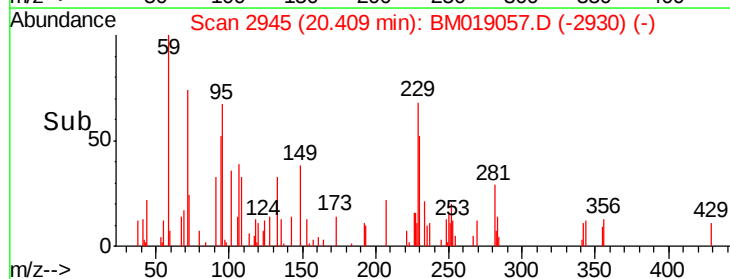
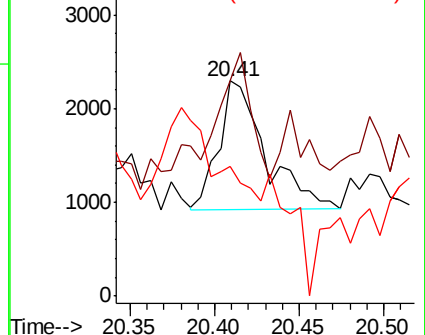
206 60.3 15.8 23.8#

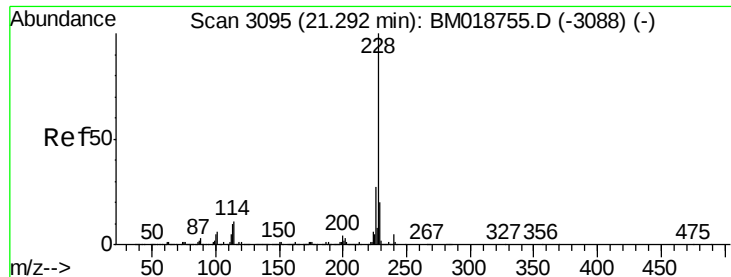


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.123 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

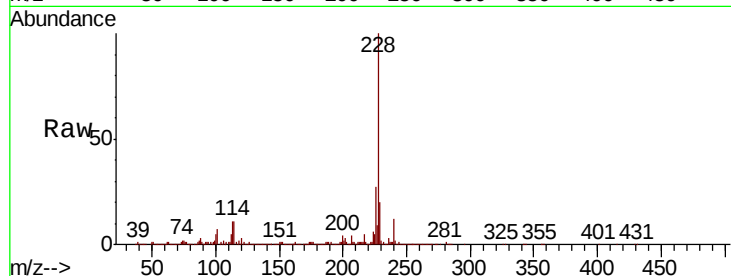
Tgt Ion:228 Resp: 1800440

Ion Ratio Lower Upper

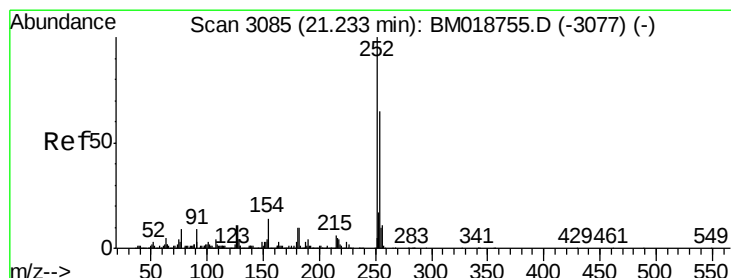
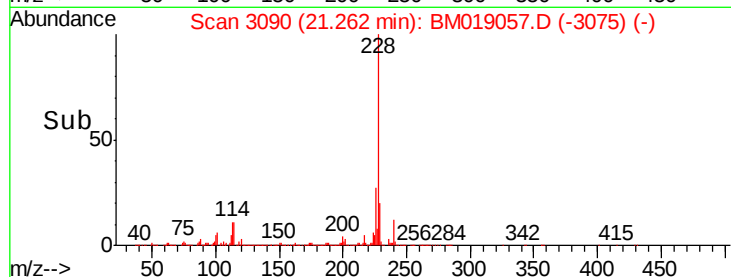
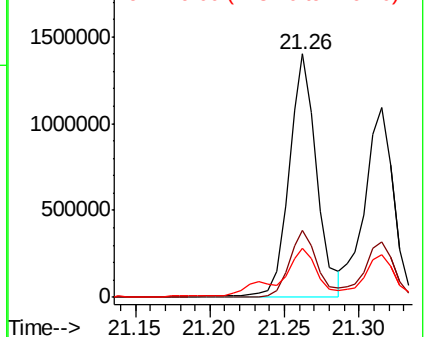
228 100

226 27.4 21.9 32.9

229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.022 ng

RT: 21.23 min Scan# 3085

Delta R.T. 0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

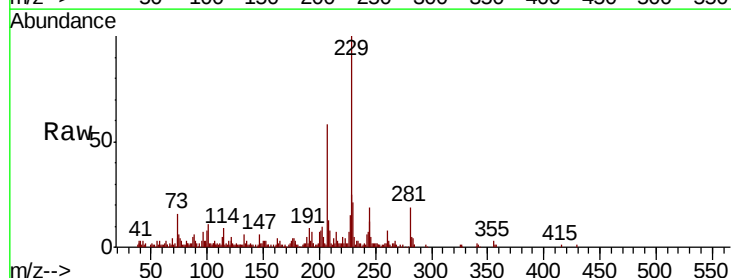
Tgt Ion:252 Resp: 701

Ion Ratio Lower Upper

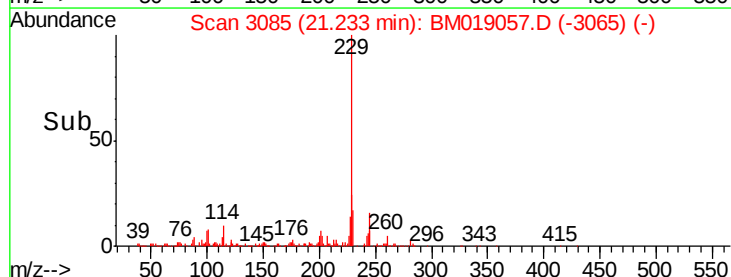
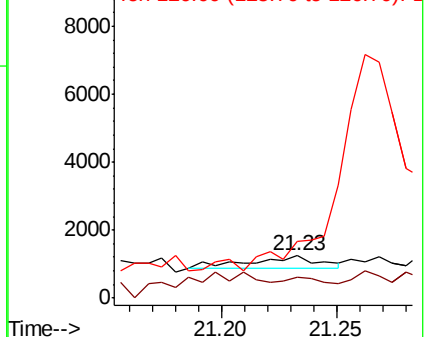
252 100

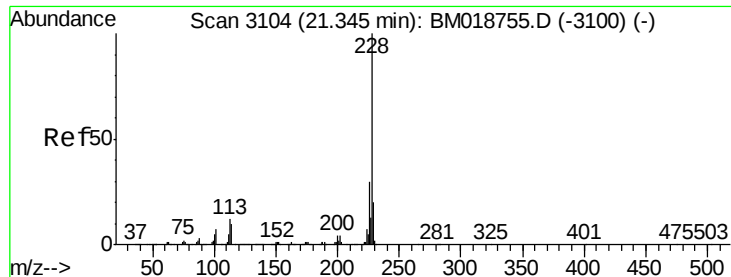
254 49.9 51.8 77.8#

126 134.1 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 18.426 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

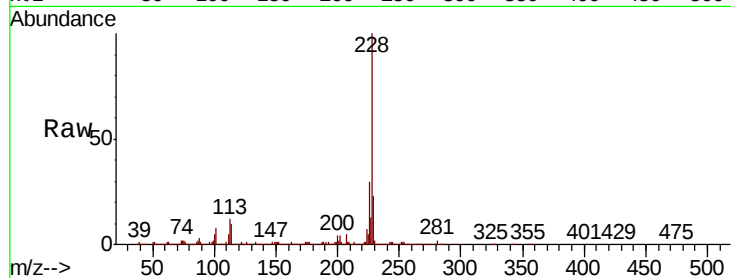
Tgt Ion:228 Resp: 1437291

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

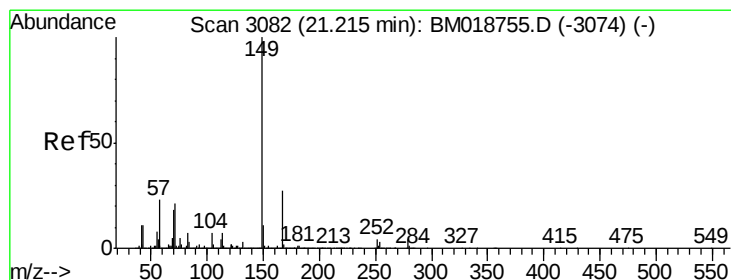
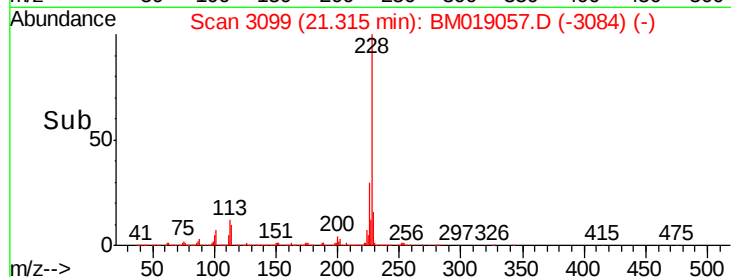
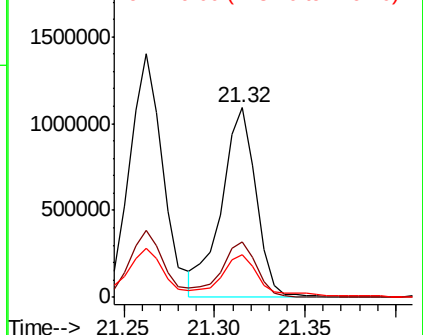
229 22.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.439 ng

RT: 21.18 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

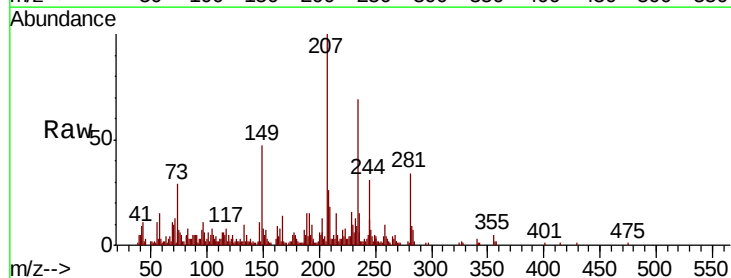
Tgt Ion:149 Resp: 23749

Ion Ratio Lower Upper

149 100

167 29.2 21.8 32.6

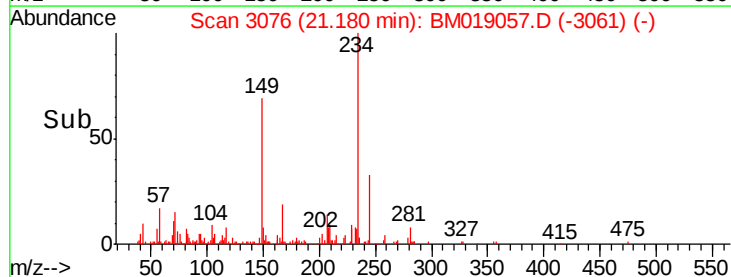
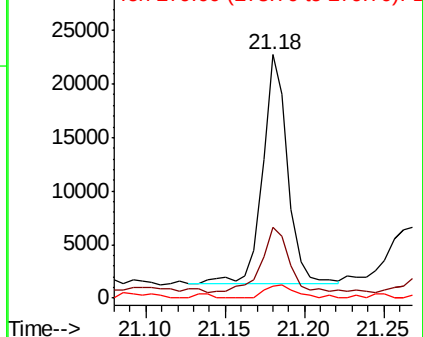
279 5.1 3.6 5.4

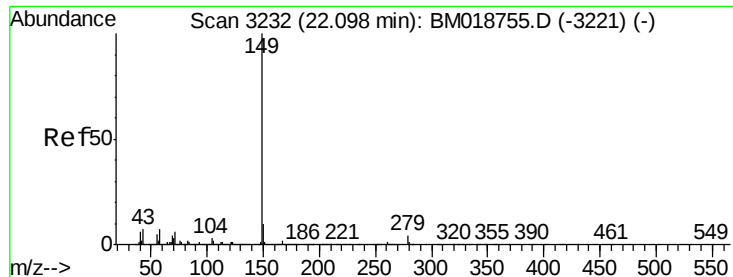


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.011 ng

RT: 22.06 min Scan# 3225

Delta R.T. -0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

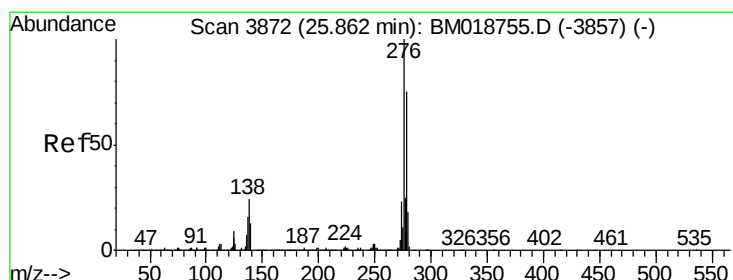
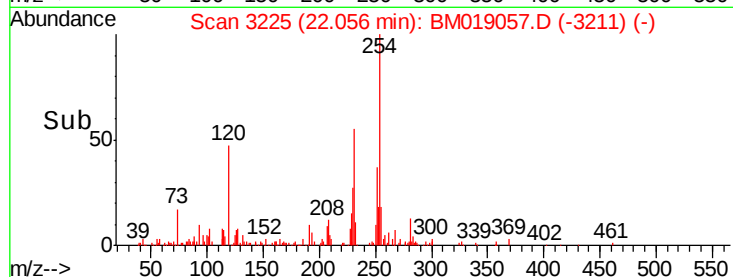
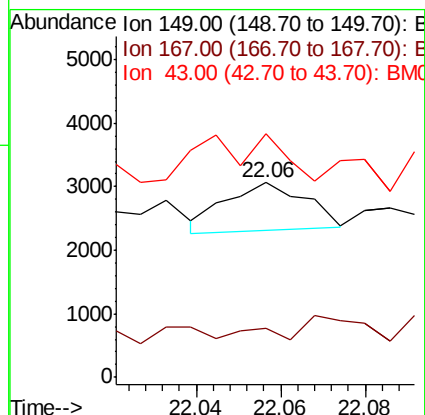
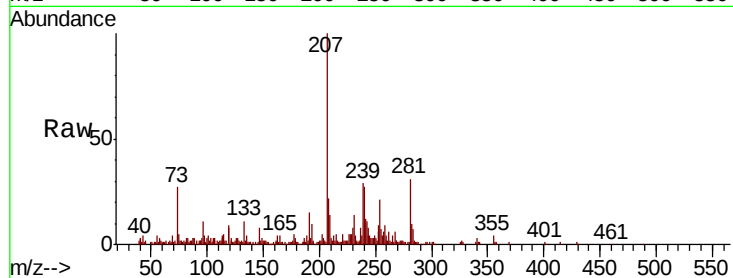
Tgt Ion:149 Resp: 998

Ion Ratio Lower Upper

149 100

167 42.8 1.3 1.9#

43 95.0 6.0 9.0#



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.622 ng

RT: 25.79 min Scan# 3859

Delta R.T. -0.03 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

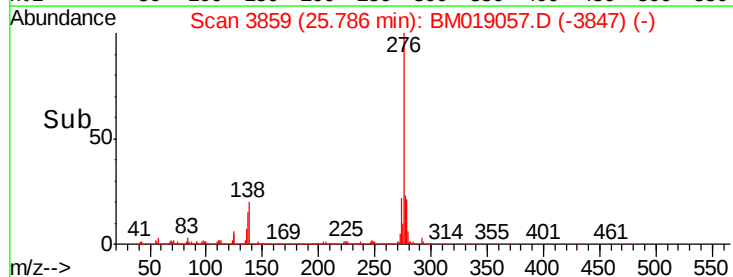
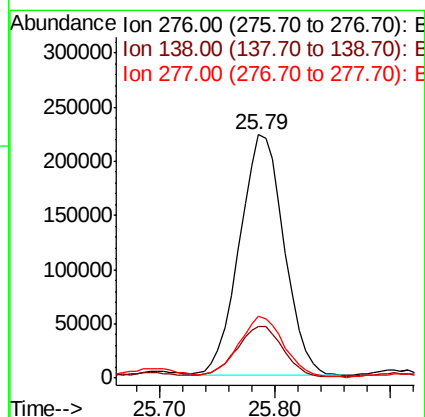
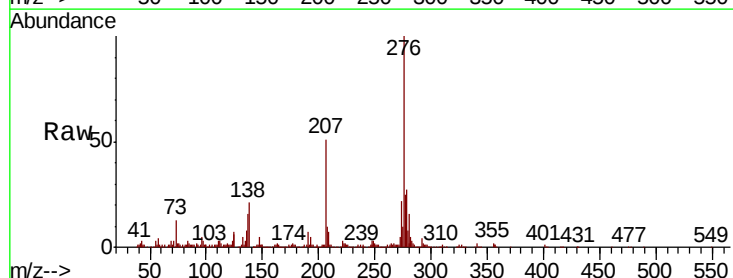
Tgt Ion:276 Resp: 596332

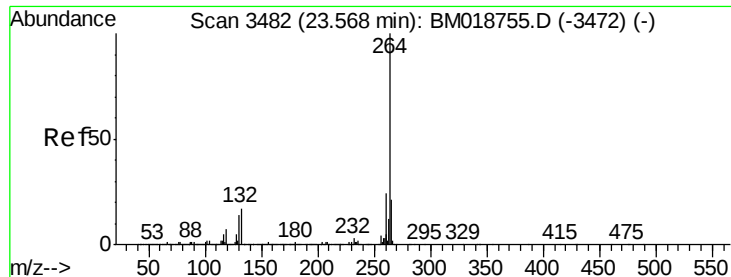
Ion Ratio Lower Upper

276 100

138 21.9 20.2 30.4

277 25.4 20.3 30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

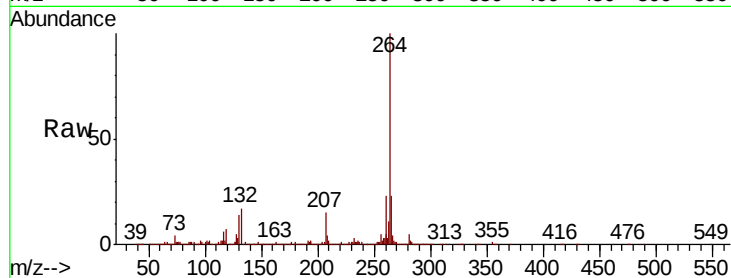
Tgt Ion:264 Resp: 1408581

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

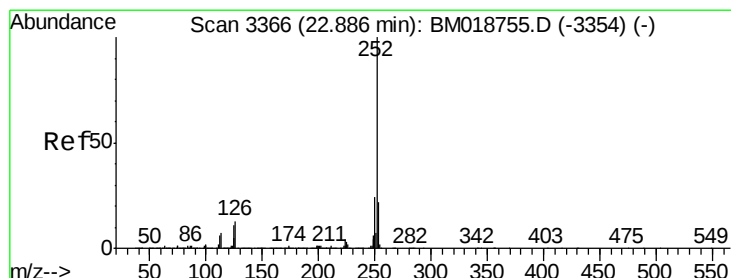
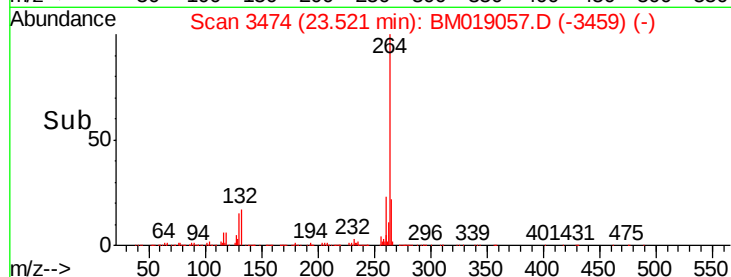
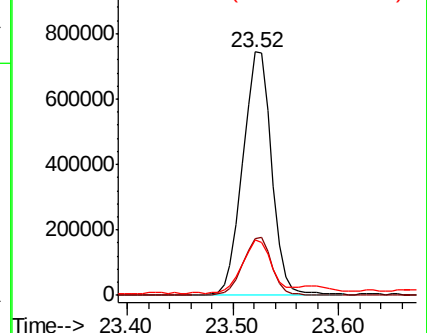
265 22.6 17.3 25.9



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: 25.468 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

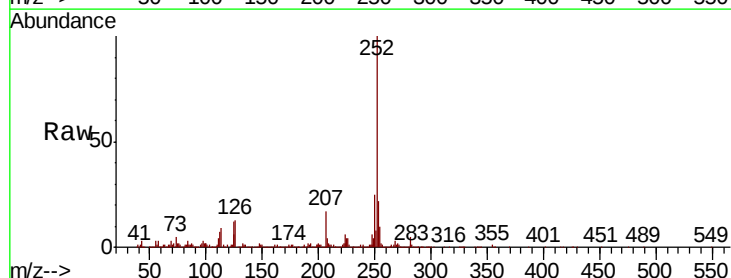
Tgt Ion:252 Resp: 2052455

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

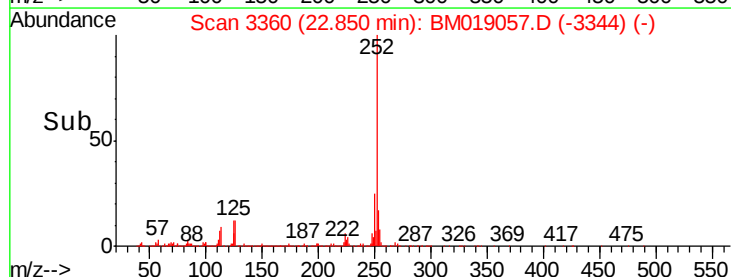
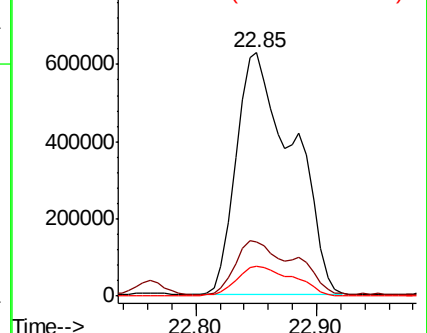
125 12.0 8.6 12.8

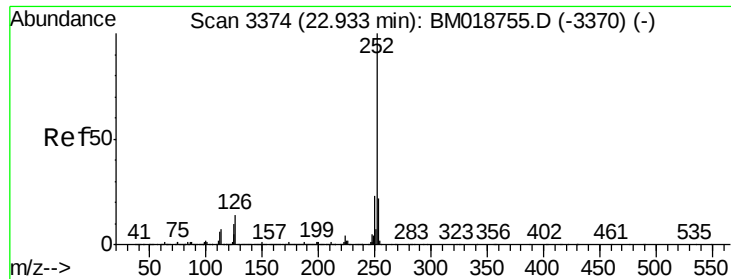


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

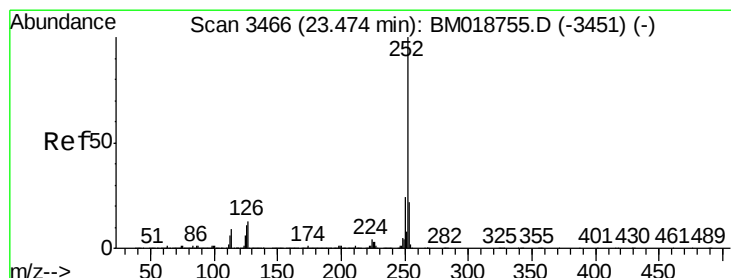
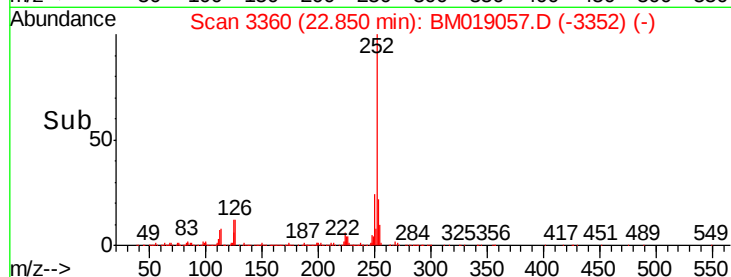
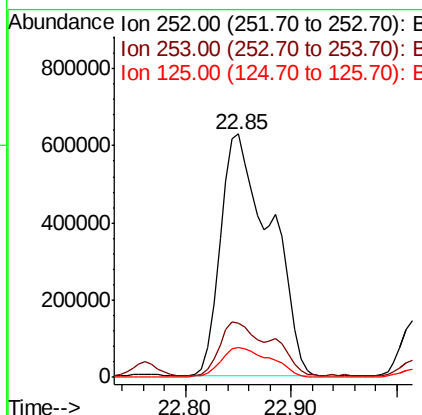
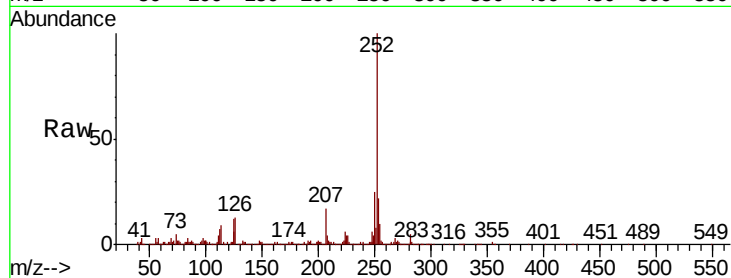




#89
Benzo(k)fluoranthene
Concen: 25.499 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

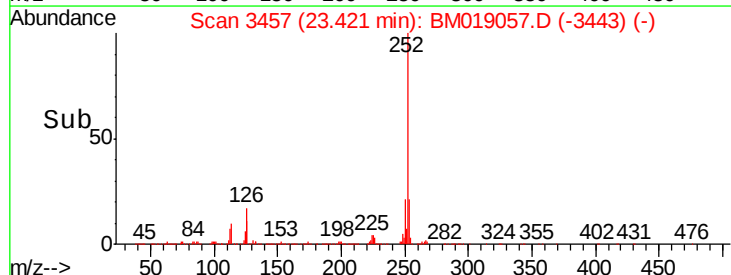
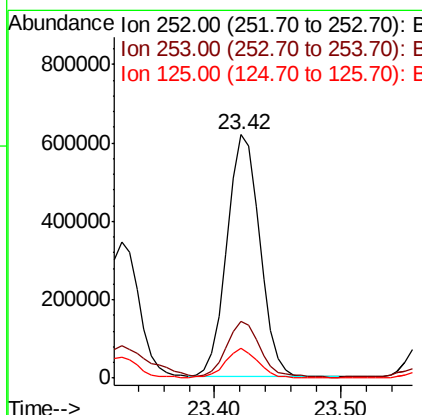
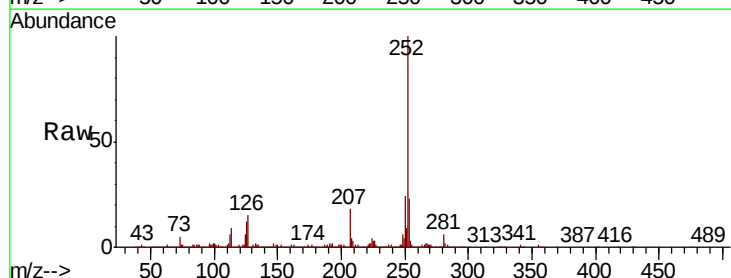
Instrument :
BNA_M
ClientSampleId :
PST-027-B113-022719

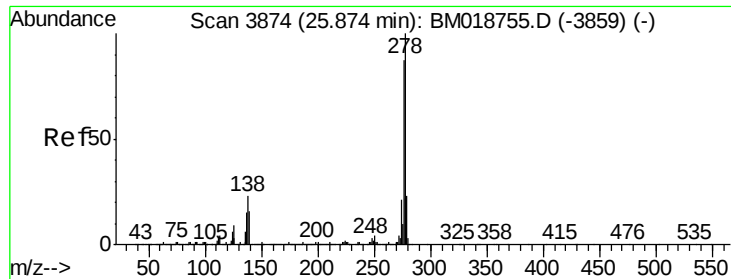
Tgt Ion:252 Resp: 2045887
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 14.512 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019057.D
Acq: 06 Mar 2019 04:52

Tgt Ion:252 Resp: 1107899
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 12.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 2.520 ng

RT: 25.80 min Scan# 3861

Delta R.T. -0.03 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Instrument :

BNA_M

ClientSampleId :

PST-027-B113-022719

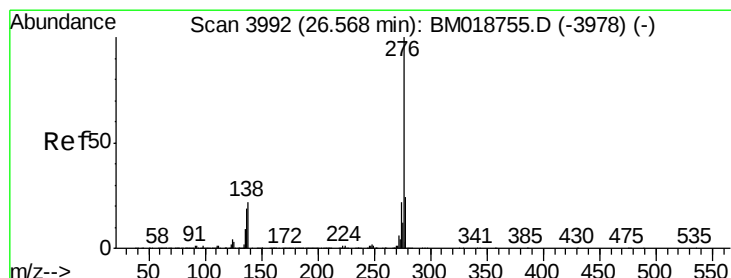
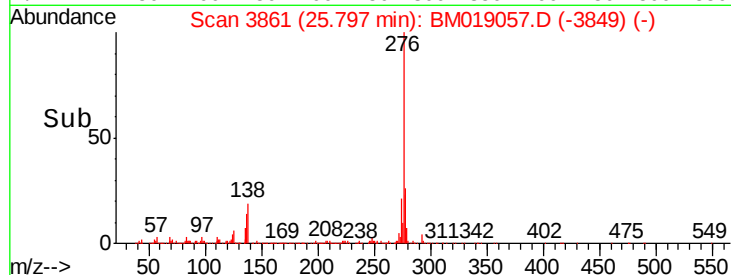
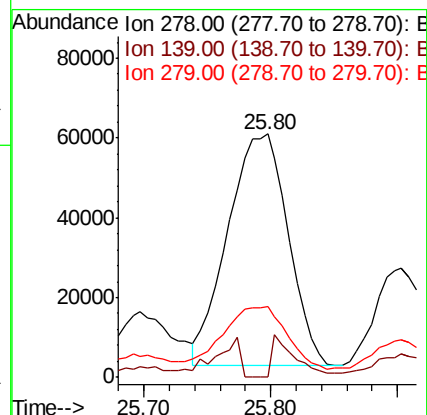
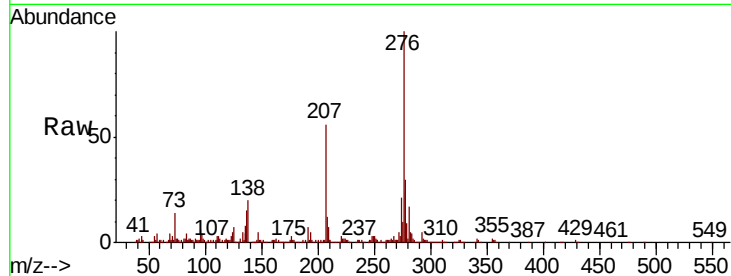
Tgt Ion:278 Resp: 190587

Ion Ratio Lower Upper

278 100

139 0.0 12.6 18.8#

279 29.0 18.6 28.0#



#92

Benzo(g,h,i)perylene

Concen: 6.917 ng

RT: 26.49 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BM019057.D

Acq: 06 Mar 2019 04:52

Tgt Ion:276 Resp: 487099

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.0 17.3 25.9

