

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019044.D
 Acq On : 05 Mar 2019 19:41
 Operator : JU/SJ
 Sample : K1705-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B104-022719

Quant Time: Mar 06 05:57:00 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	203196	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	735833	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	360892	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	708569	20.00	ng	0.00
76) Chrysene-d12	21.28	240	730717	20.00	ng	0.00
87) Perylene-d12	23.52	264	869082	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1216908	98.13	ng	0.00
7) Phenol-d6	6.85	99	1579781	90.42	ng	0.00
23) Nitrobenzene-d5	8.85	82	992279	62.35	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	414244	79.63	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1536180	56.51	ng	-0.01
79) Terphenyl-d14	19.72	244	1663521	46.96	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	896	0.166	ng	# 1
3) Pyridine	3.64	79	115	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	177	0.047	ng	# 1
8) 2-Chlorophenol	7.25	128	108	0.008	ng	# 1
9) Benzaldehyde	6.86	77	4681	Below Cal		# 7
10) Phenol	6.88	94	58407	3.177	ng	99
15) Benzyl Alcohol	7.99	79	18289	1.317	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.13	45	131	0.010	ng	# 14
22) Acetophenone	8.50	105	116	0.006	ng	# 1
24) Nitrobenzene	8.85	77	4286	0.259	ng	# 29
25) Isophorone	9.41	82	352	0.014	ng	# 68
31) Naphthalene	10.50	128	2584	0.072	ng	# 68
37) 2-Methylnaphthalene	12.15	142	989	0.039	ng	# 67
38) 1-Methylnaphthalene	12.36	142	1263	0.051	ng	# 93
46) 1,1'-Biphenyl	13.16	154	2400	0.077	ng	96
49) Acenaphthylene	14.06	152	4574	0.128	ng	96
50) Dimethylphthalate	13.80	163	97023	3.226	ng	99
52) Acenaphthene	14.39	154	3721	0.170	ng	88
55) Dibenzofuran	14.73	168	3342	0.093	ng	# 84
58) Fluorene	15.39	166	3344	0.121	ng	90
60) Diethylphthalate	15.16	149	2851	0.092	ng	# 73
63) Azobenzene	15.69	77	1660	0.050	ng	# 1
71) Phenanthrene	17.12	178	77228	2.028	ng	98
72) Anthracene	17.22	178	13973	0.377	ng	95
73) Carbazole	17.50	167	6912	0.178	ng	# 85
74) Di-n-butylphthalate	18.05	149	7953	0.179	ng	# 97
75) Fluoranthene	19.14	202	119722	2.722	ng	97
78) Pyrene	19.51	202	109500	2.580	ng	99
80) Butylbenzylphthalate	20.42	149	1773	0.092	ng	93
81) Benzo(a)anthracene	21.26	228	64498	1.514	ng	98
82) 3,3'-Dichlorobenzidine	21.21	252	283	0.017	ng	# 26
83) Chrysene	21.32	228	61022	1.495	ng	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	40774	1.440	ng	99
85) Di-n-octyl phthalate	22.06	149	1125	0.024	ng	# 1

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QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

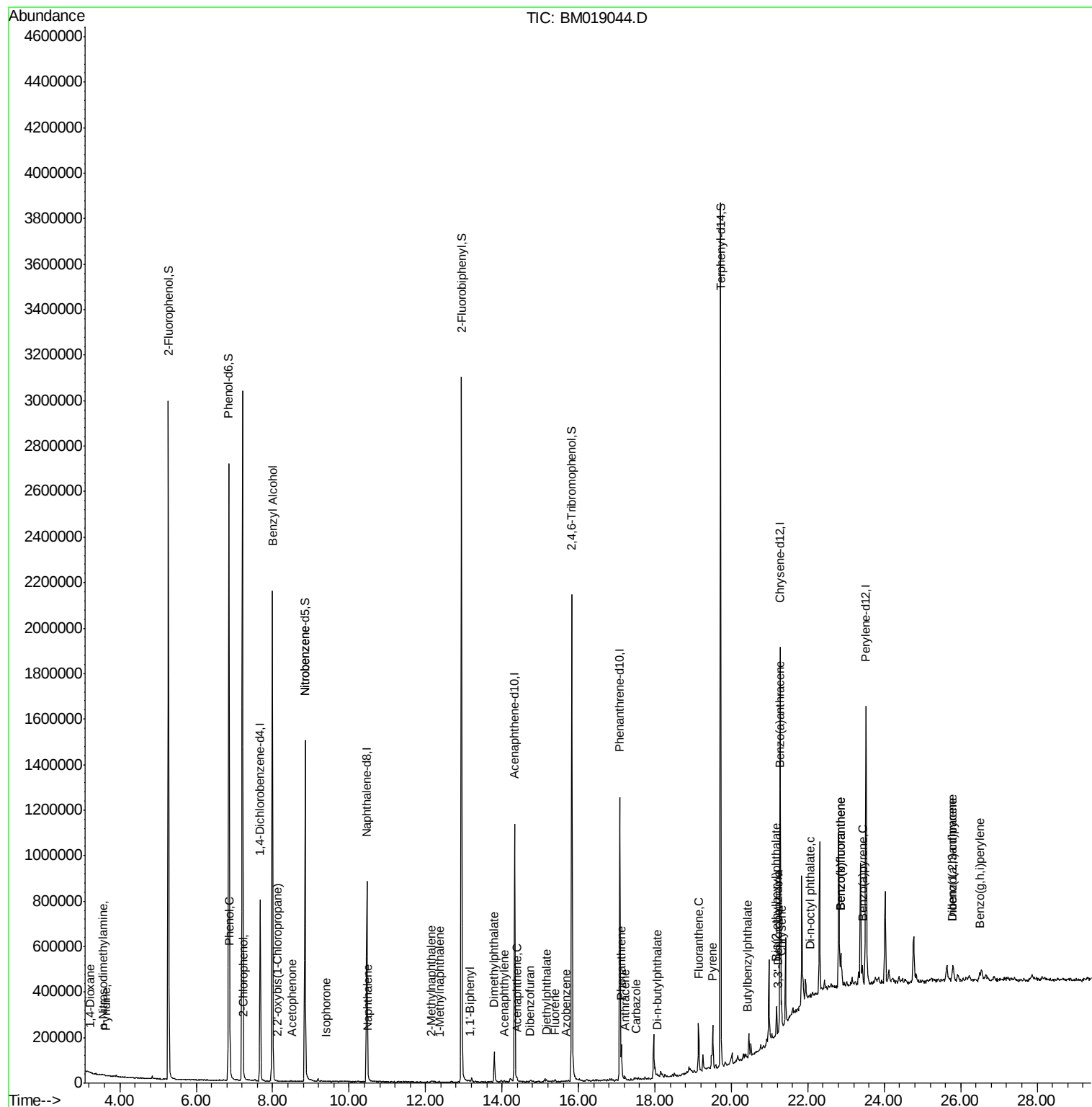
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.80	276	39651	0.841	ng	97
88) Benzo(b)fluoranthene	22.85	252	107046	2.153	ng #	89
89) Benzo(k)fluoranthene	22.85	252	104975	2.121	ng #	89
90) Benzo(a)pyrene	23.42	252	56939	1.209	ng #	91
91) Dibenzo(a,h)anthracene	25.79	278	10742	0.230	ng #	72
92) Benzo(g,h,i)perylene	26.50	276	37741	0.869	ng	96

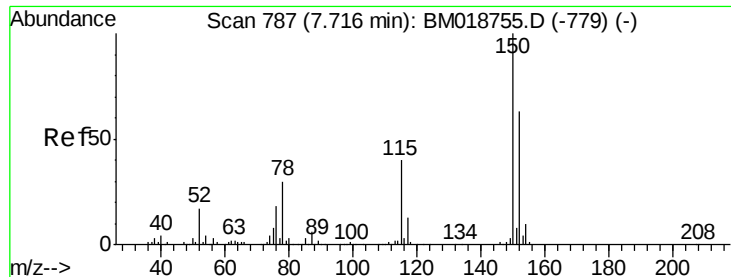
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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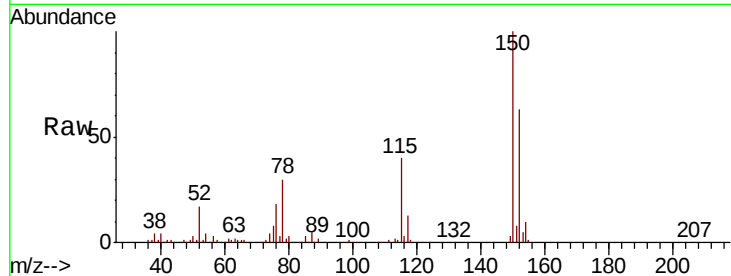


#1

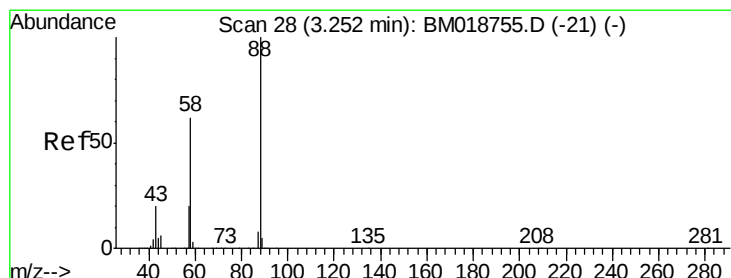
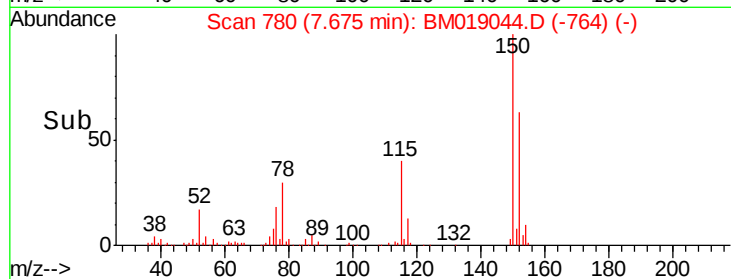
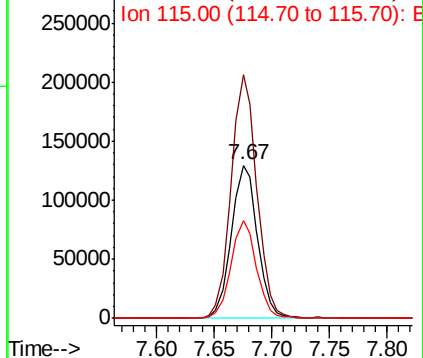
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion:152 Resp: 203196
Ion Ratio Lower Upper
152 100
150 158.8 127.3 190.9
115 64.1 50.8 76.2



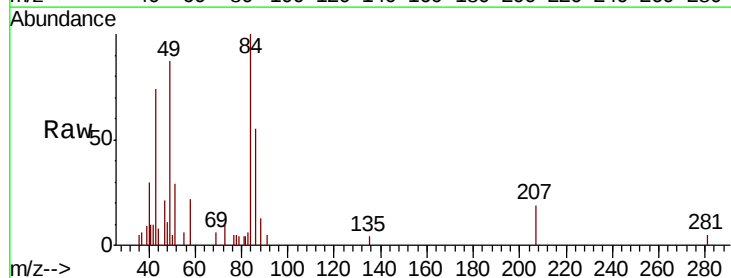
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



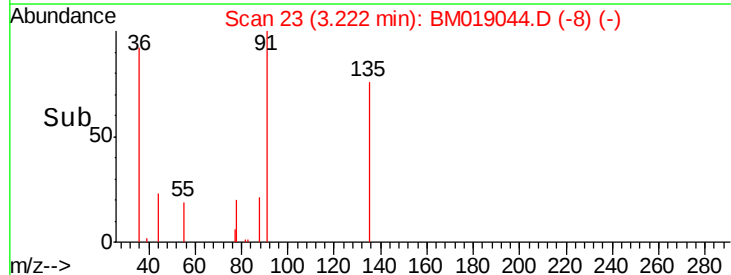
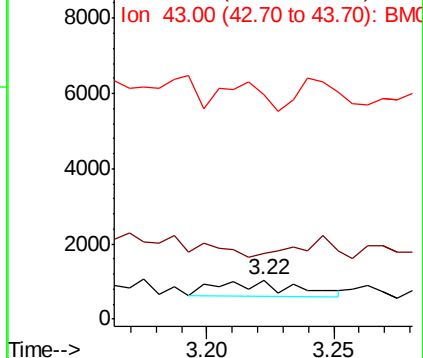
#2

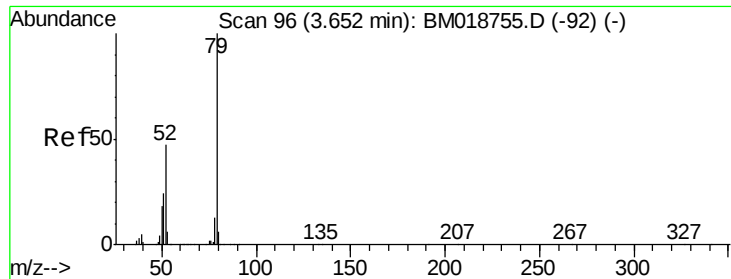
1,4-Dioxane
Concen: 0.166 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion: 88 Resp: 896
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 100.6 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: 0.008 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

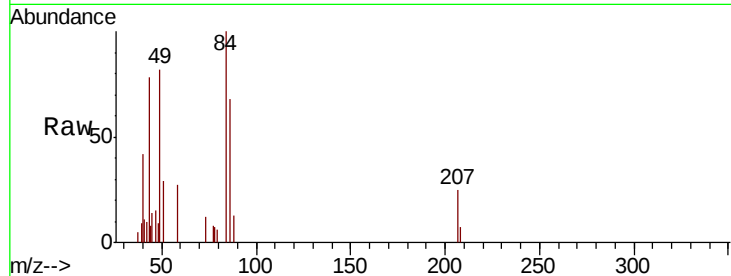
Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

Tgt Ion:	79	Resp:	115
Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.6	56.4#
51	504.6	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-->

3.63

3.64

3.65

3.66

3.67

3.68

3.69

3.70

3.71

3.72

3.73

3.74

3.75

3.76

3.77

3.78

3.79

3.80

3.81

3.82

3.83

3.84

3.85

3.86

3.87

3.88

3.89

3.90

3.91

3.92

3.93

3.94

3.95

3.96

3.97

3.98

3.99

4.00

4.01

4.02

4.03

4.04

4.05

4.06

4.07

4.08

4.09

4.10

4.11

4.12

4.13

4.14

4.15

4.16

4.17

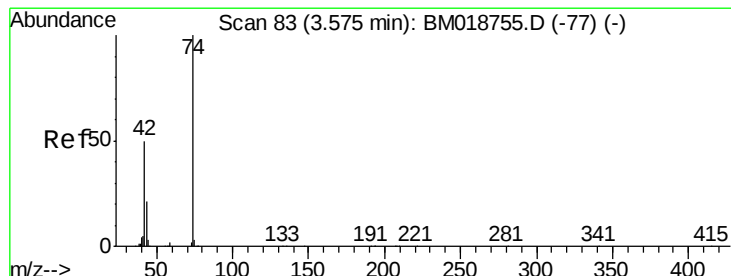
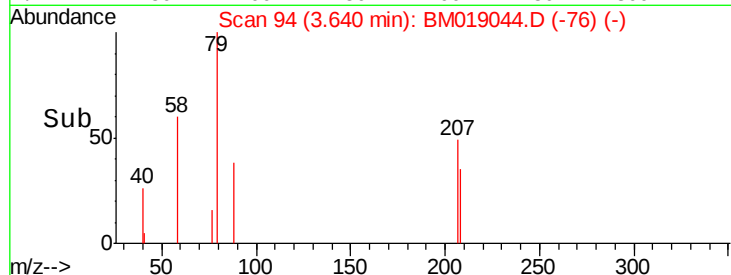
4.18

4.19

4.20

4.21

4.22



#4

n-Nitrosodimethylamine

Concen: 0.047 ng

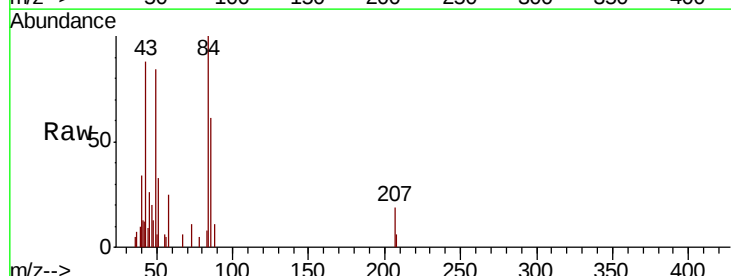
RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Tgt Ion:	42	Resp:	177
Ion	Ratio	Lower	Upper
42	100		
74	0.0	158.1	237.1#
44	74.1	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-->

3.54

3.55

3.56

3.57

3.58

3.59

3.60

3.61

3.62

3.63

3.64

3.65

3.66

3.67

3.68

3.69

3.70

3.71

3.72

3.73

3.74

3.75

3.76

3.77

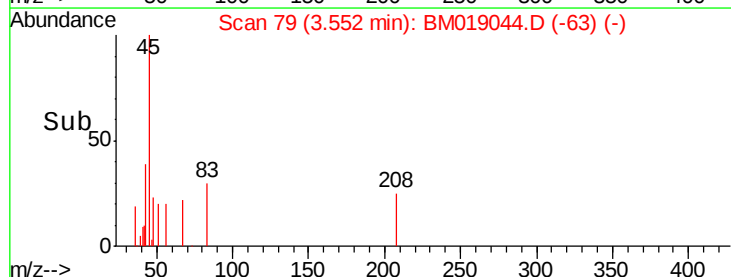
3.78

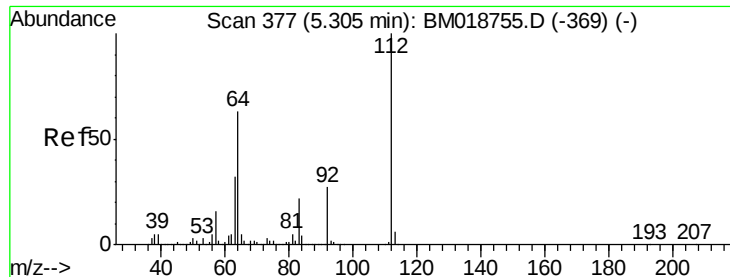
3.79

3.80

3.81

3.82





#5

2-Fluorophenol

Concen: 98.126 ng

RT: 5.28 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

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ClientSampleId :

PST-028-B104-022719

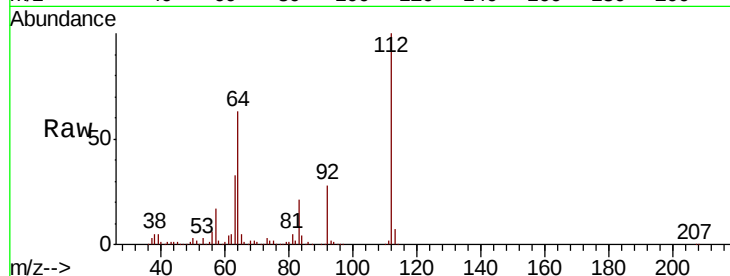
Tgt Ion:112 Resp: 1216908

Ion Ratio Lower Upper

112 100

64 63.1 50.6 75.8

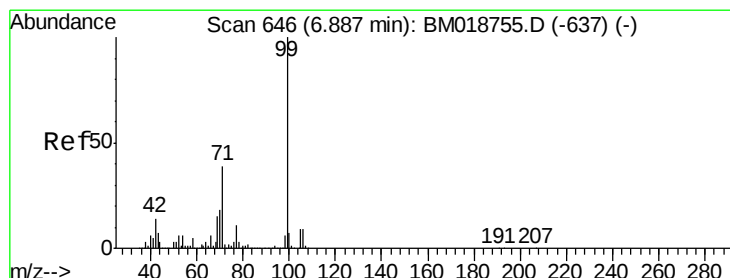
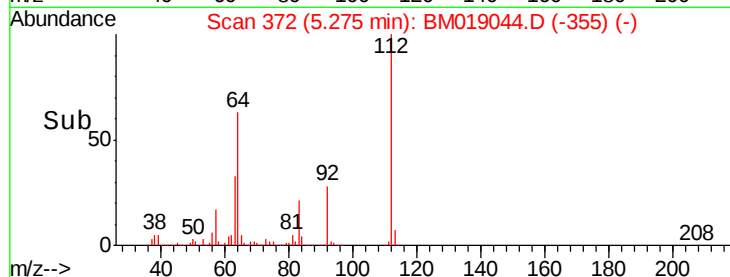
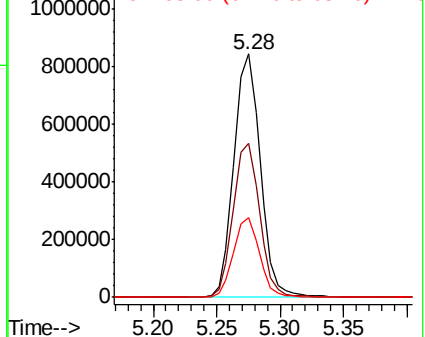
63 32.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 90.425 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

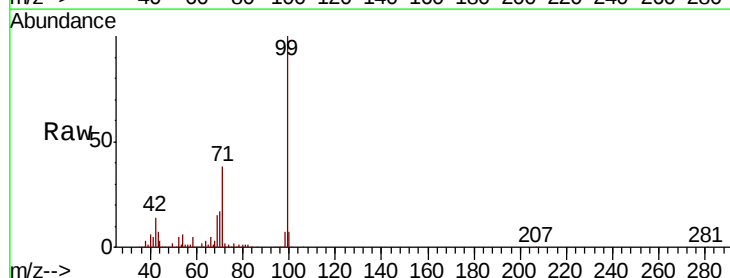
Tgt Ion: 99 Resp: 1579781

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

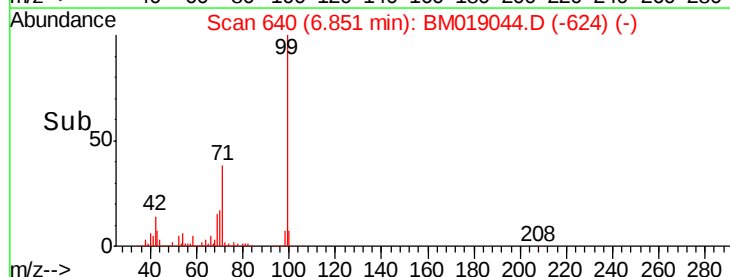
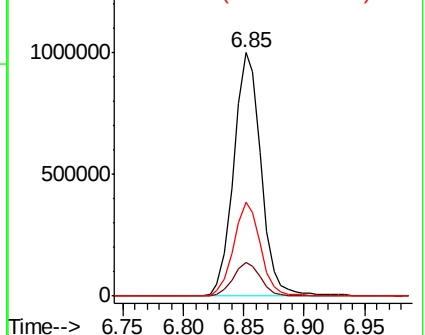
71 38.5 31.3 46.9

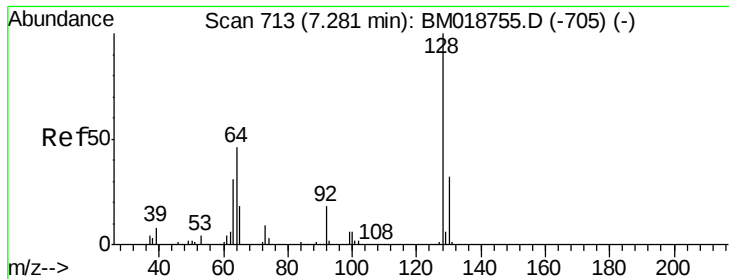


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.008 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

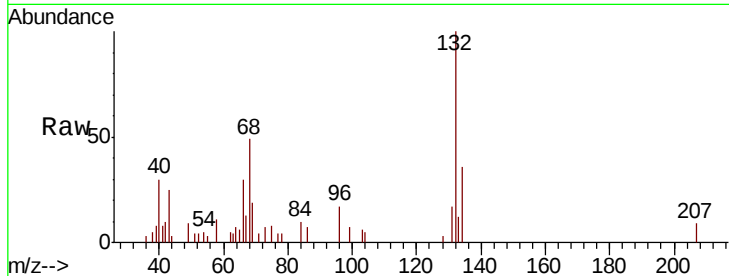
BNA_M

ClientSampleId :

PST-028-B104-022719

Tgt Ion: 128 Resp: 108

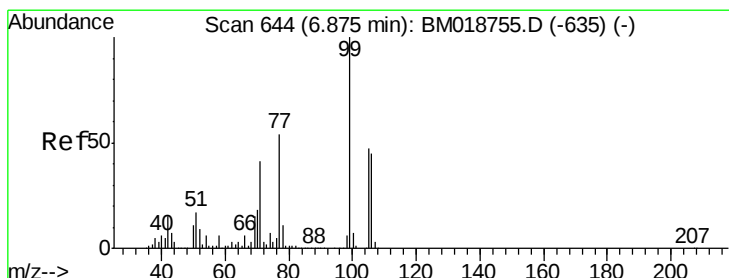
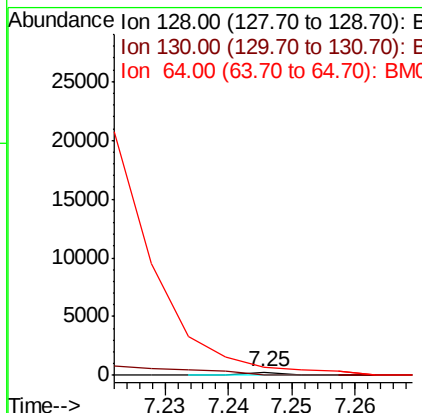
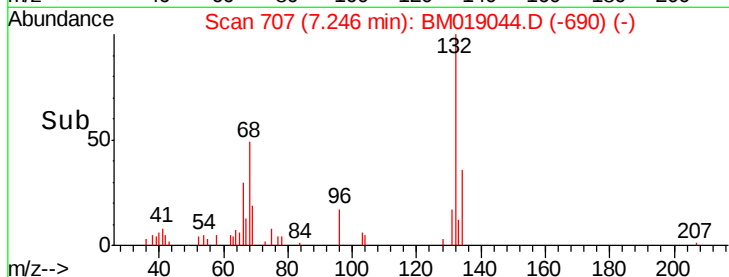
Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.7	51.7#
64	232.5	31.0	71.0#



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: 6.86 min Scan# 641

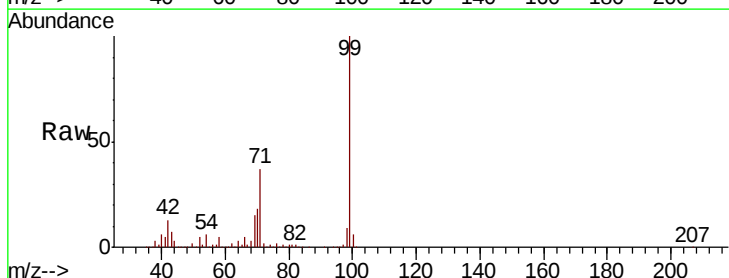
Delta R.T. 0.02 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Tgt Ion: 77 Resp: 4681

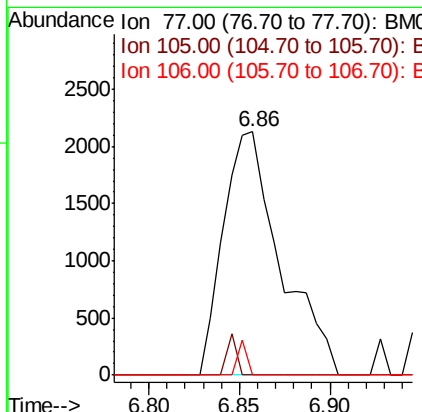
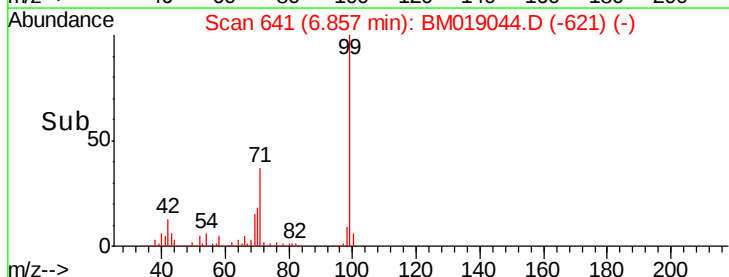
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	62.9	102.9#

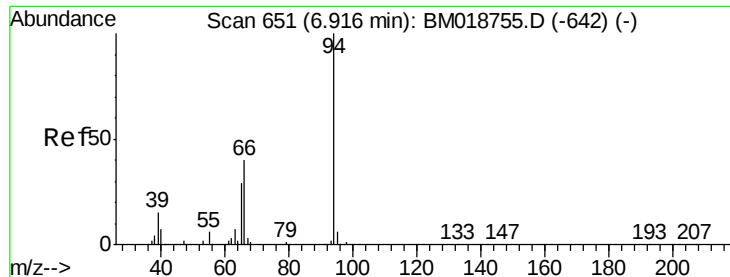


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.177 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019044.D

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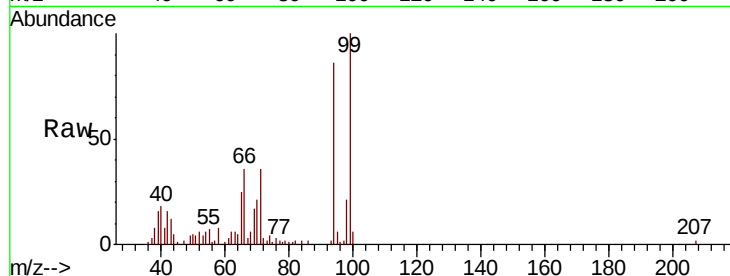
Tgt Ion: 94 Resp: 58407

Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

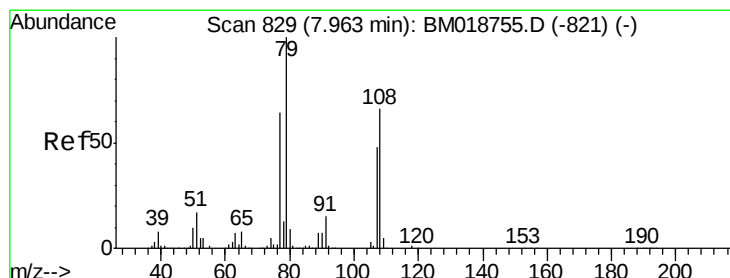
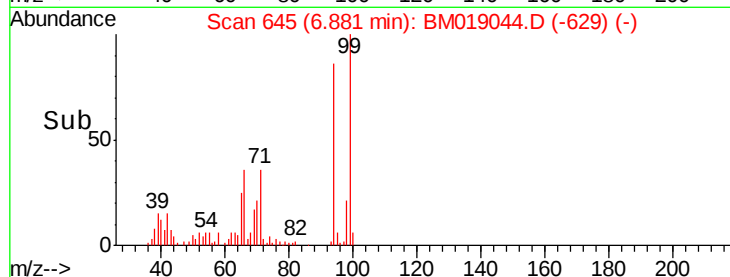
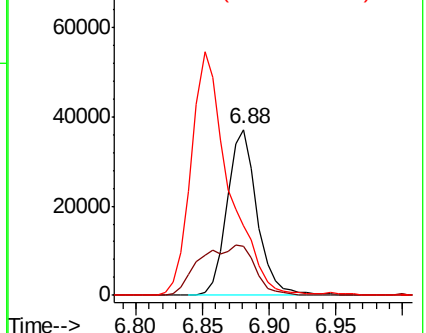
66 41.6 20.4 60.4



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) (-)



#15

Benzyl Alcohol

Concen: 1.317 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.06 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

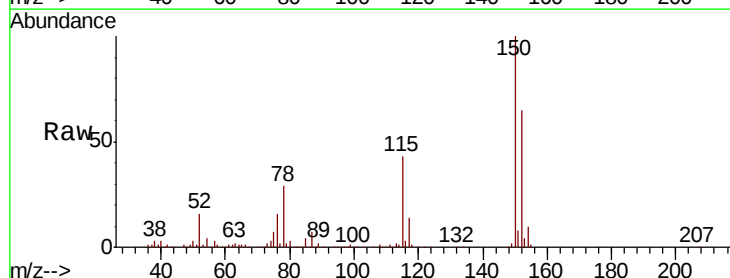
Tgt Ion: 79 Resp: 18289

Ion Ratio Lower Upper

79 100

108 26.0 52.7 79.1#

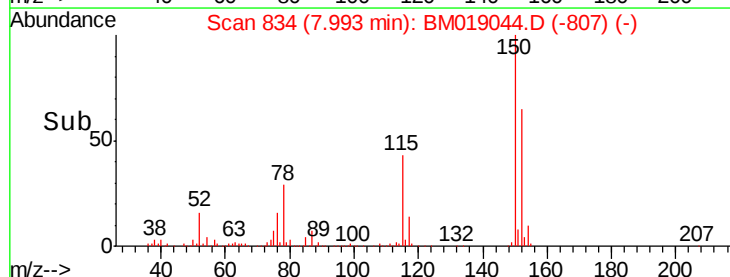
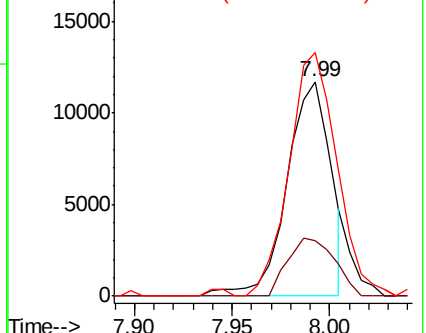
77 113.4 51.0 76.4#

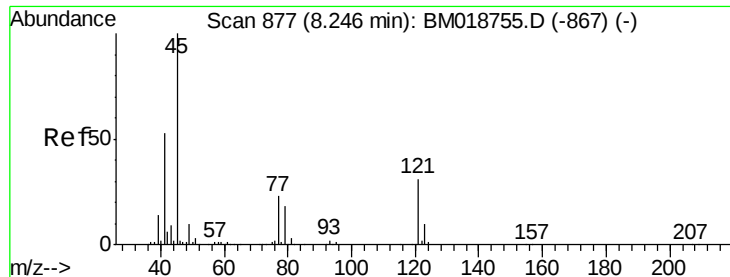


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

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

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

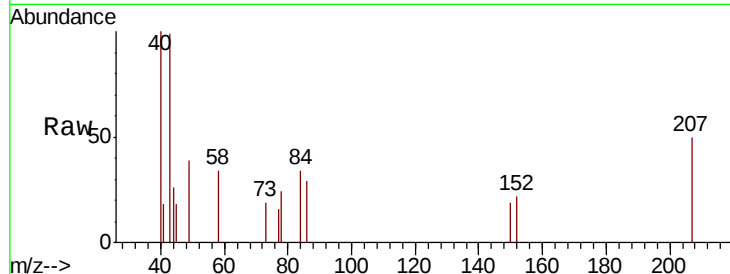




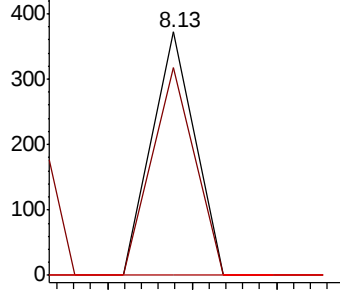
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.08 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

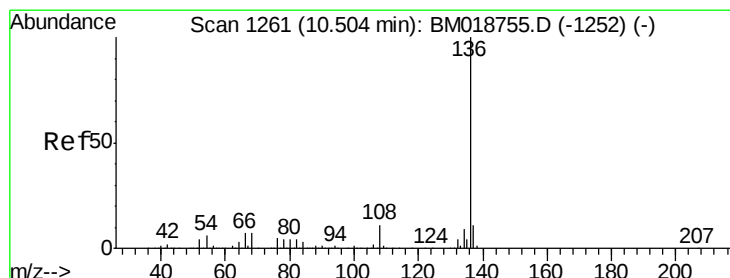
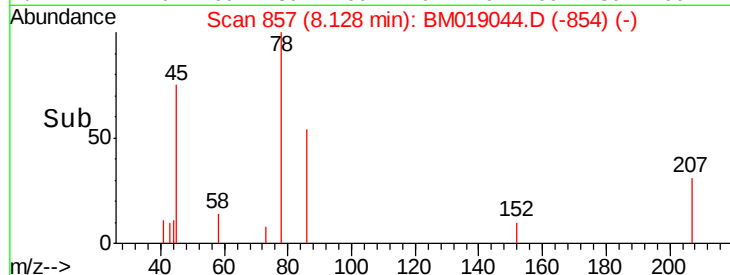
Tgt Ion: 45 Resp: 131
Ion Ratio Lower Upper
45 100
77 85.2 5.0 45.0#
79 0.0 0.0 39.3



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

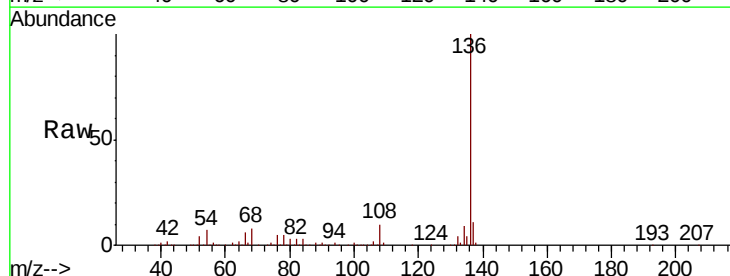


Time-->

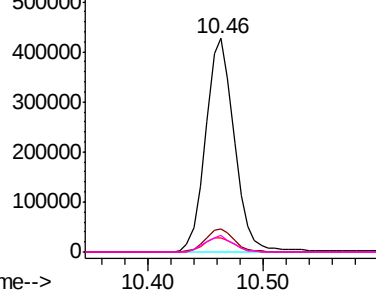


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

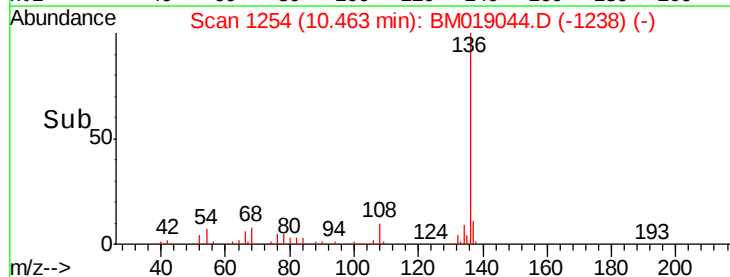
Tgt Ion: 136 Resp: 735833
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.0 7.6
68 7.5 5.5 8.3

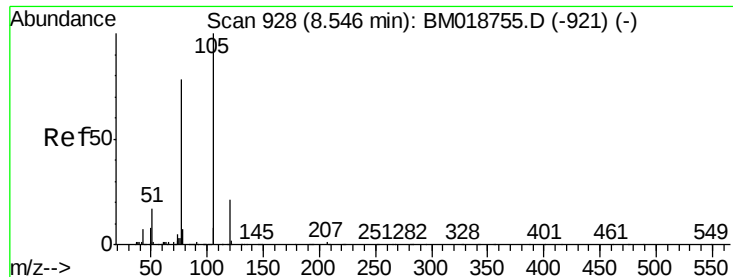


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0



Time-->

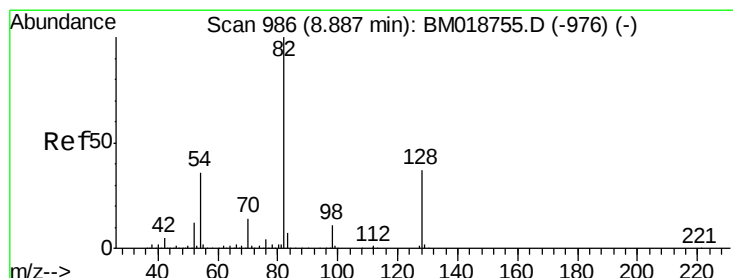
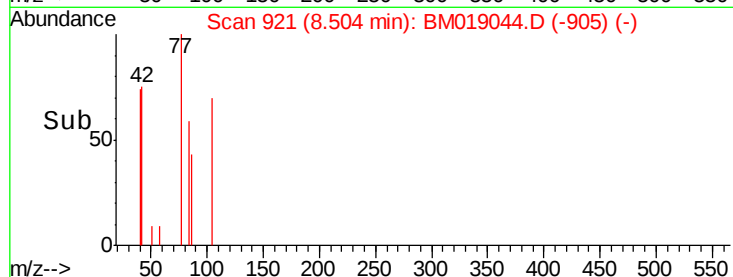
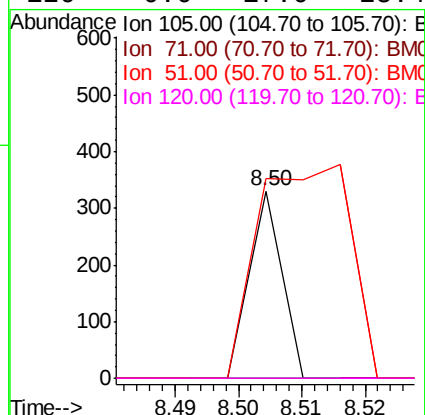
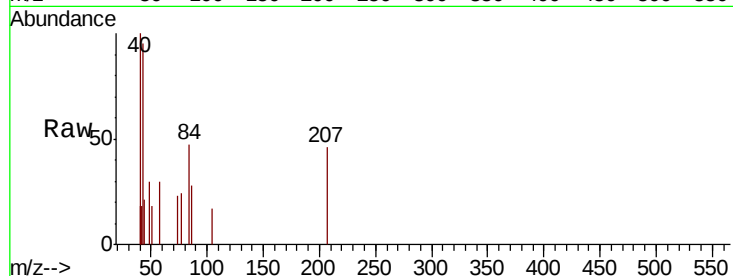




#22
Acetophenone
Concen: 0.006 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

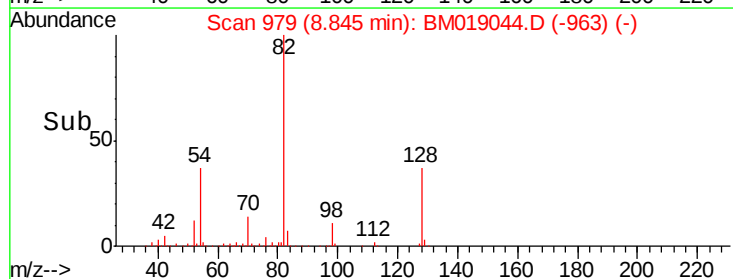
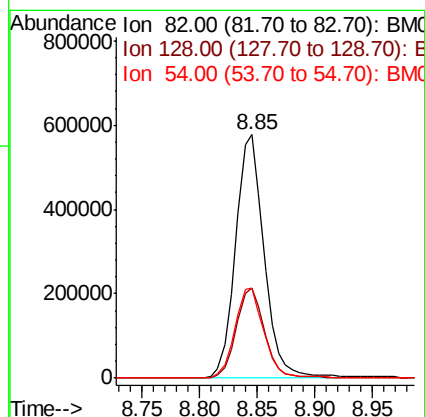
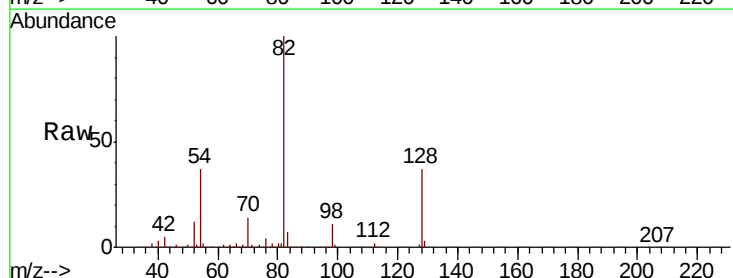
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

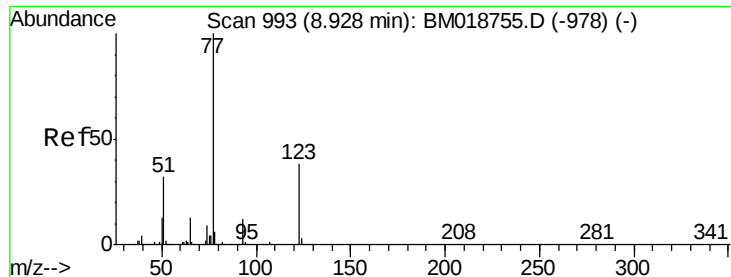
Tgt Ion: 105 Resp: 116
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 107.0 15.5 23.3#
120 0.0 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 62.353 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion: 82 Resp: 992279
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.2 29.1 43.7





#24

Nitrobenzene

Concen: 0.259 ng

RT: 8.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

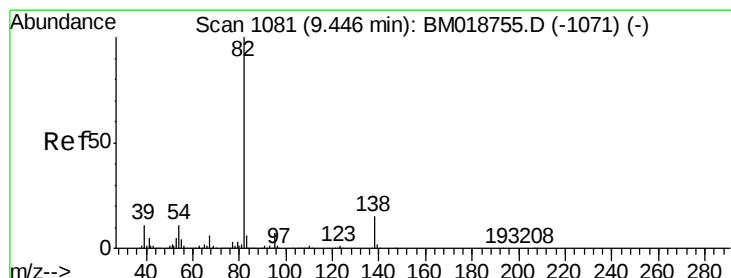
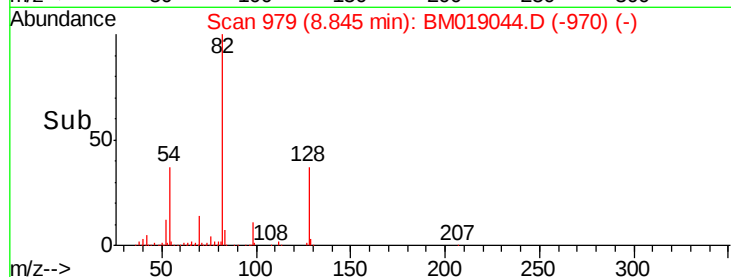
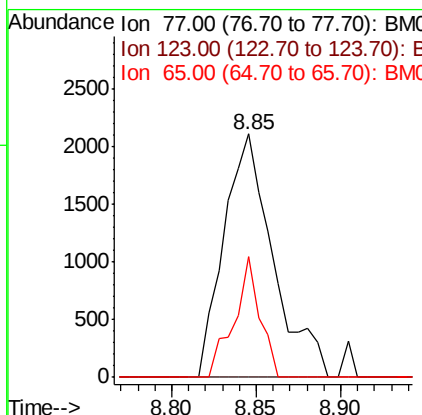
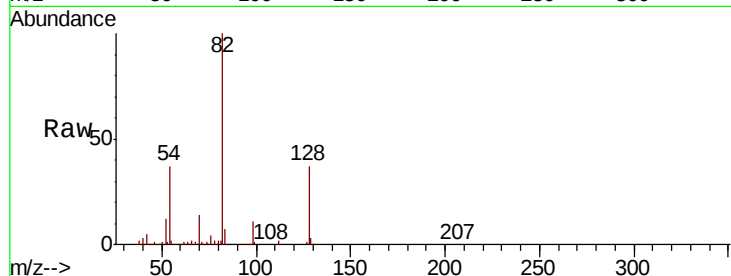
Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

Tgt Ion:	77	Resp:	4286
Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	49.7	10.5	15.7#



#25

Isophorone

Concen: 0.014 ng

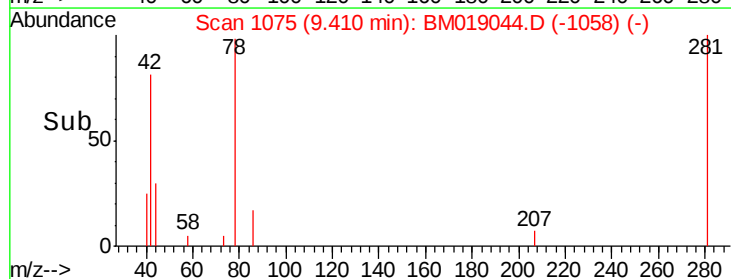
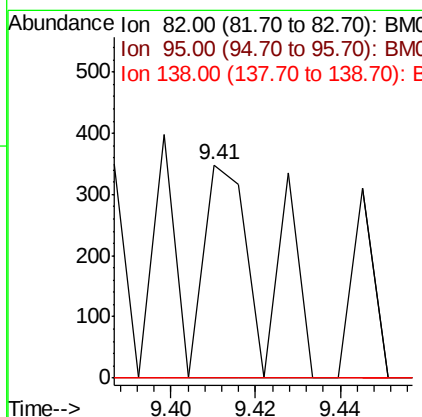
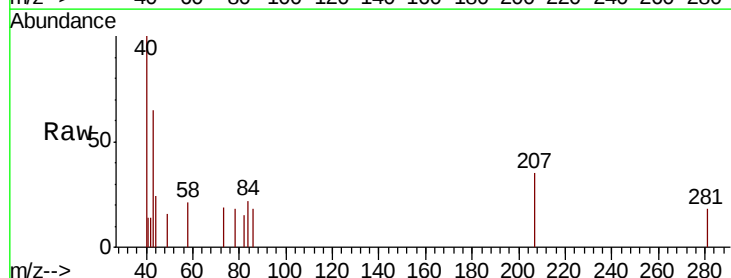
RT: 9.41 min Scan# 1075

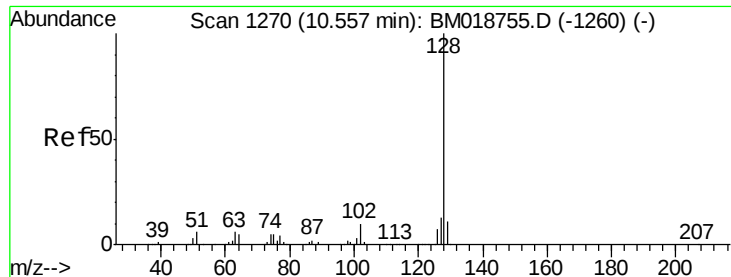
Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Tgt Ion:	82	Resp:	352
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.3	18.5#

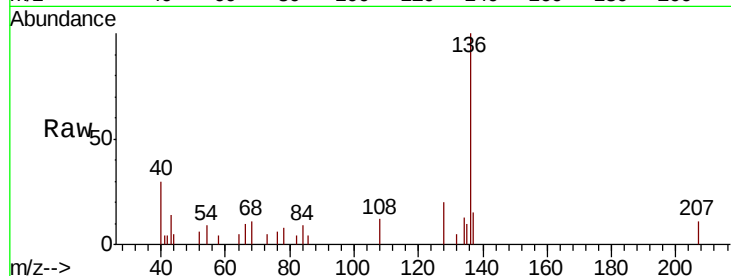




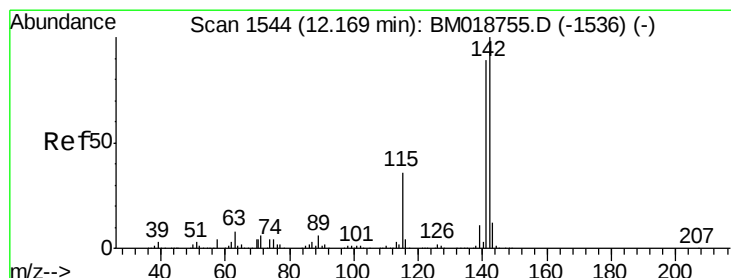
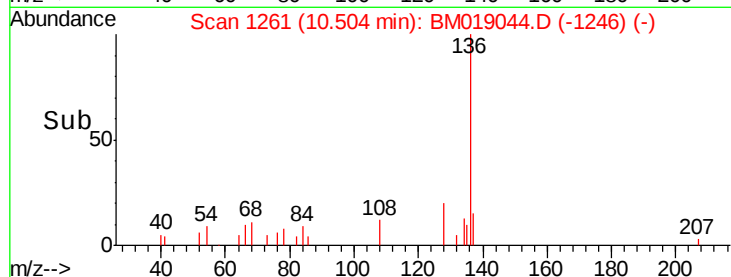
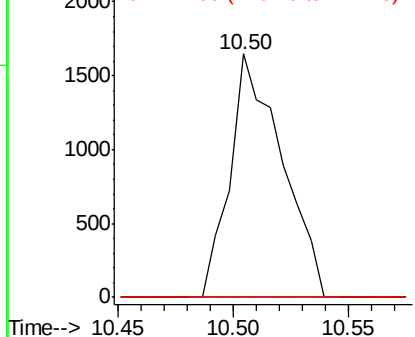
#31
Naphthalene
Concen: 0.072 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion:128 Resp: 2584
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.7 16.1#

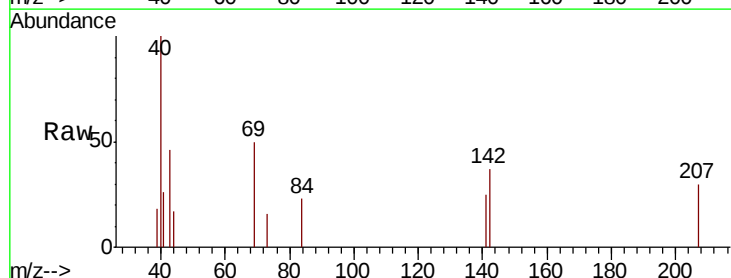


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

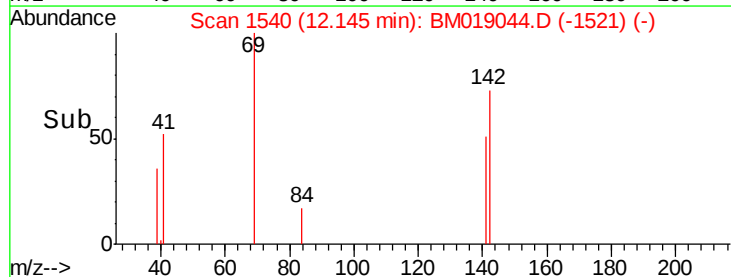
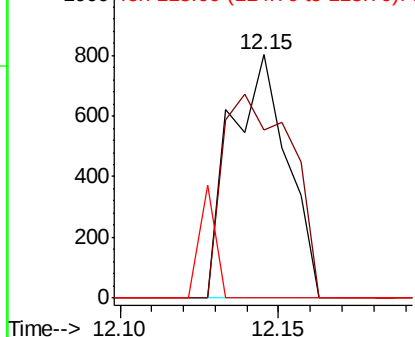


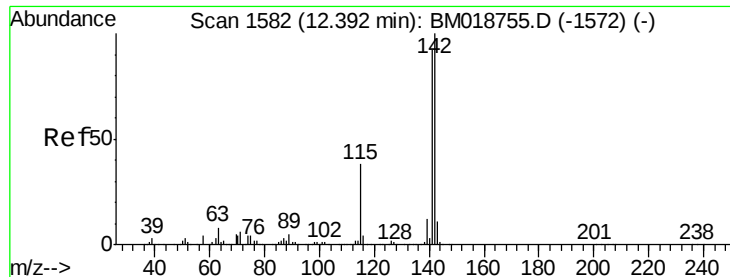
#37
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:142 Resp: 989
Ion Ratio Lower Upper
142 100
141 69.1 71.2 106.8#
115 0.0 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

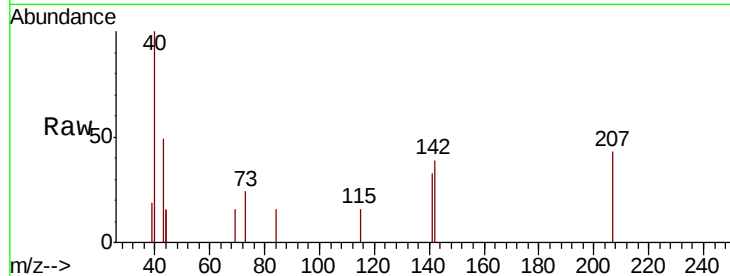




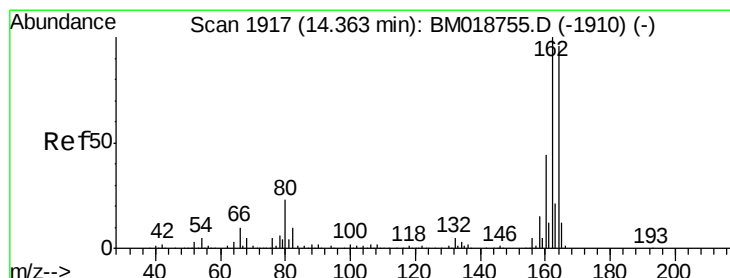
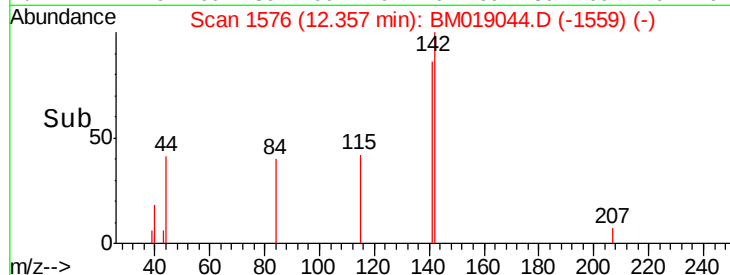
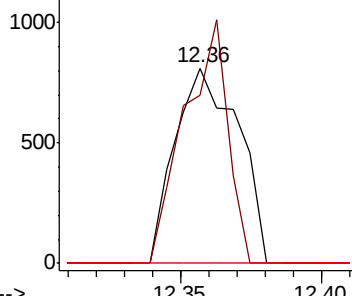
#38
1-Methylnaphthalene
Concen: 0.051 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion:142 Resp: 1263
Ion Ratio Lower Upper
142 100
141 85.7 73.9 110.9
116 0.0 3.0 4.4#

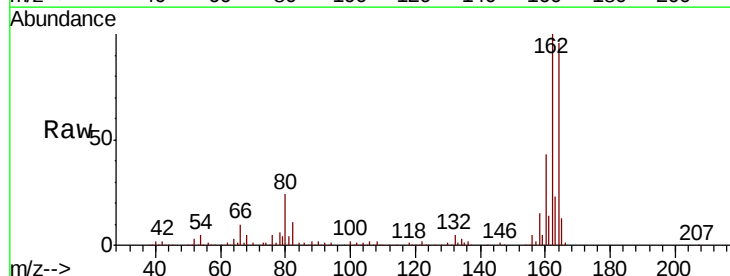


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

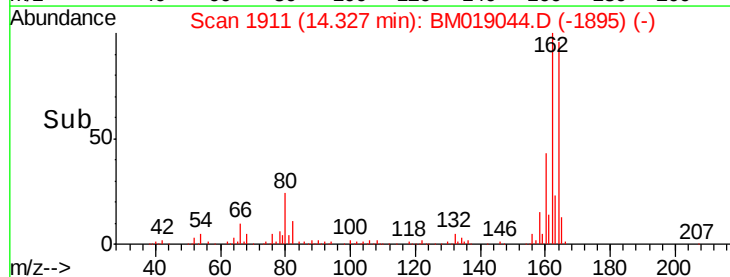
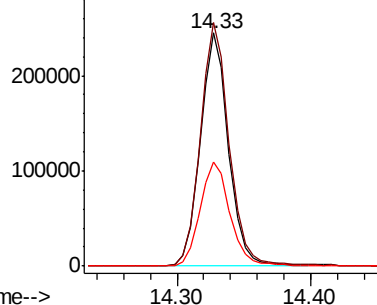


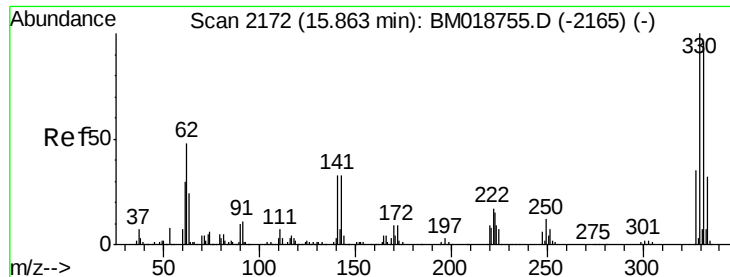
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:164 Resp: 360892
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.0
160 44.7 36.6 55.0



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





#42

2,4,6-Tribromophenol

Concen: 79.629 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

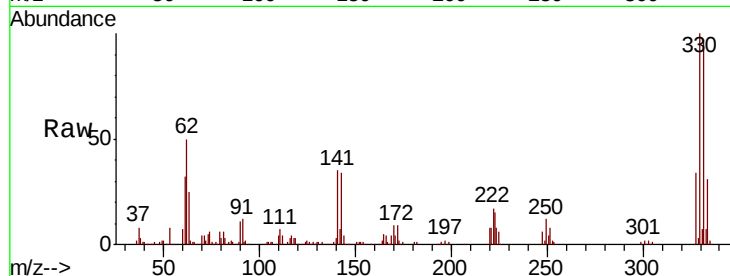
Tgt Ion:330 Resp: 414244

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

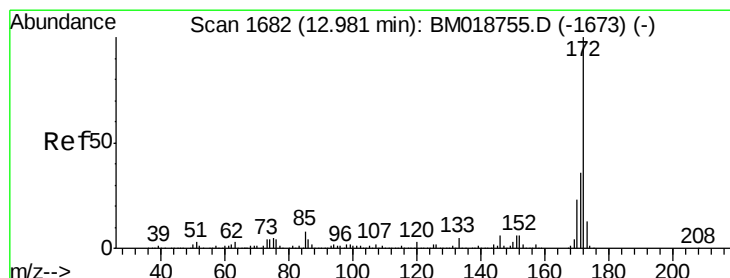
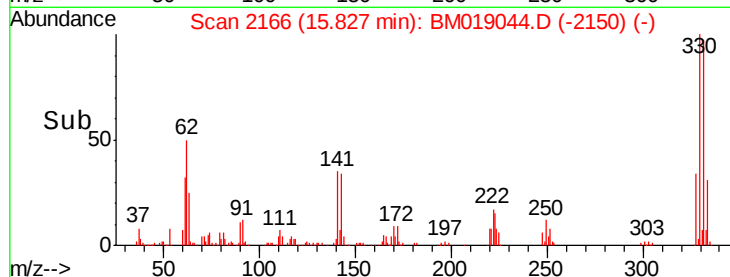
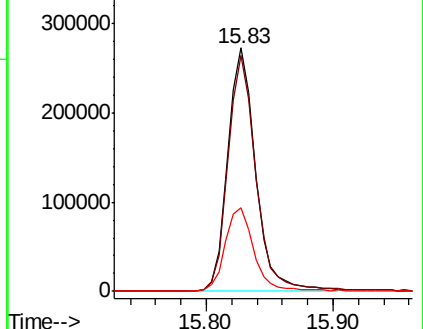
141 35.5 28.7 43.1



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: 56.506 ng

RT: 12.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

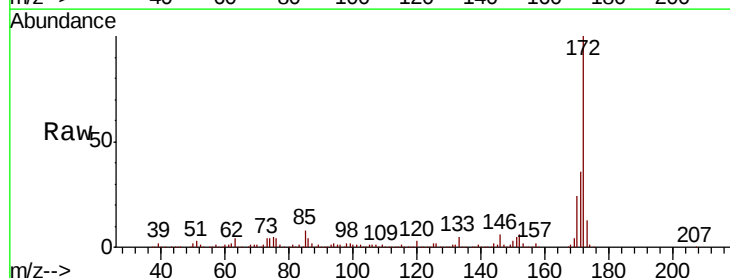
Tgt Ion:172 Resp: 1536180

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

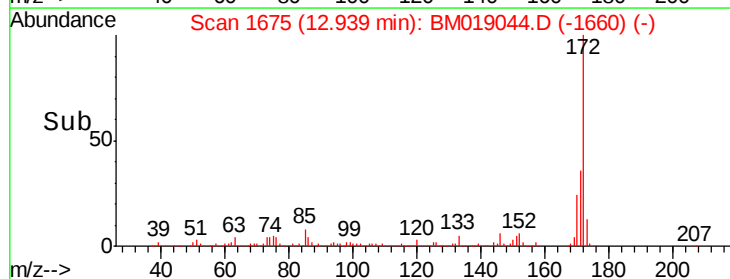
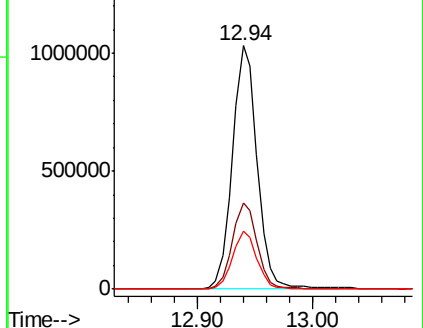
170 23.7 18.6 28.0

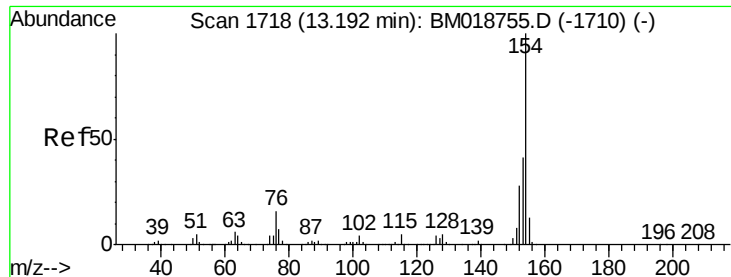


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

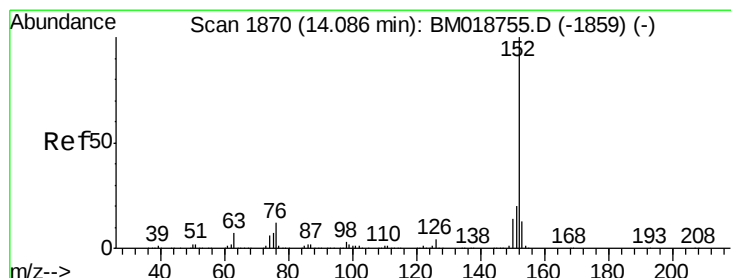
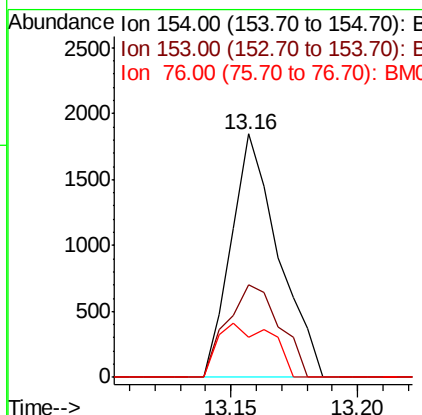
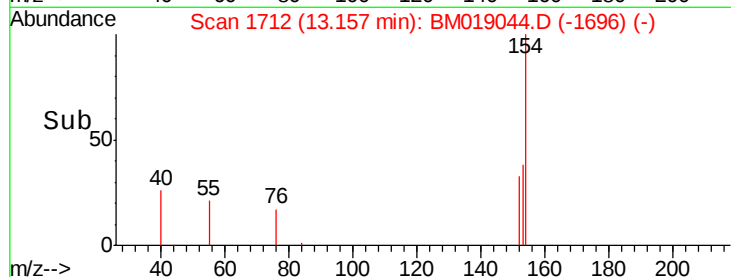
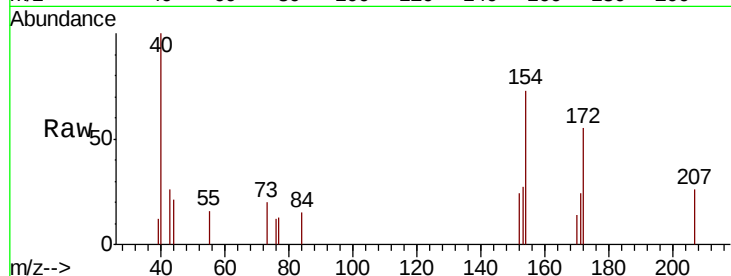




#46
1,1'-Biphenyl
Concen: 0.077 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

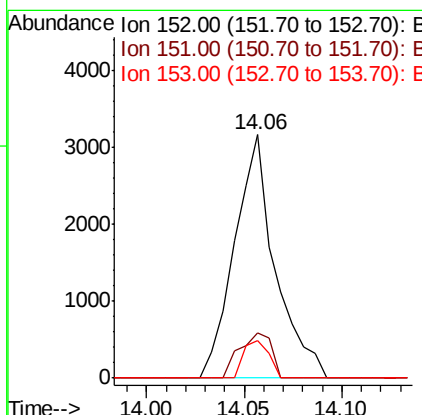
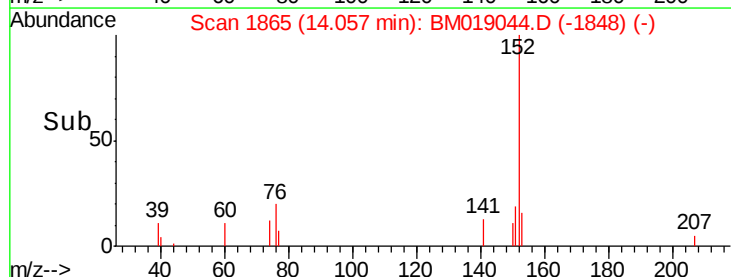
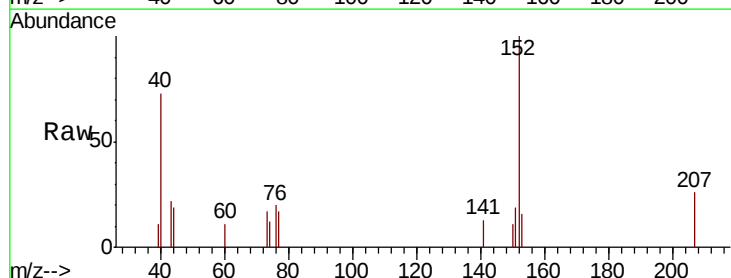
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

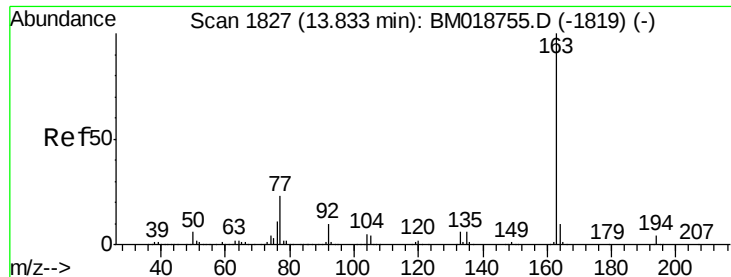
Tgt Ion:154 Resp: 2400
Ion Ratio Lower Upper
154 100
153 37.8 21.1 61.1
76 16.6 0.0 35.7



#49
Acenaphthylene
Concen: 0.128 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:152 Resp: 4574
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.8
153 15.6 10.5 15.7





#50

Dimethylphthalate

Concen: 3.226 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

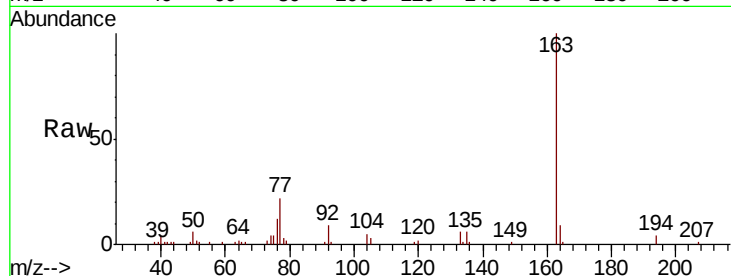
Tgt Ion:163 Resp: 97023

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

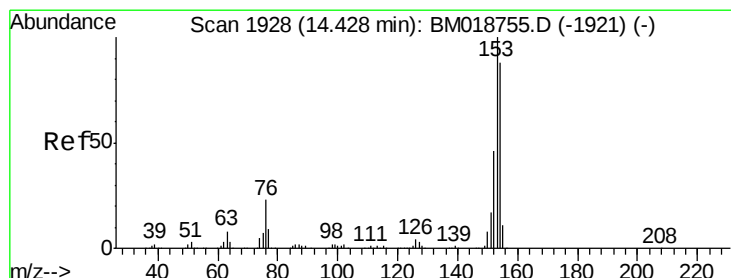
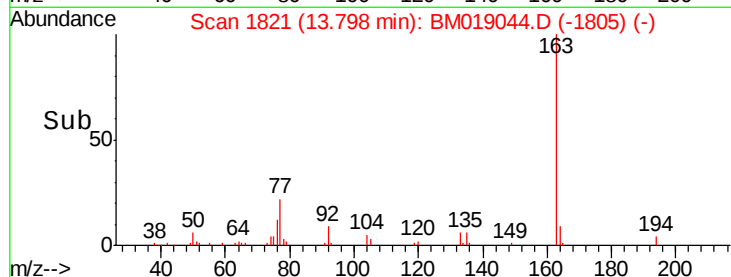
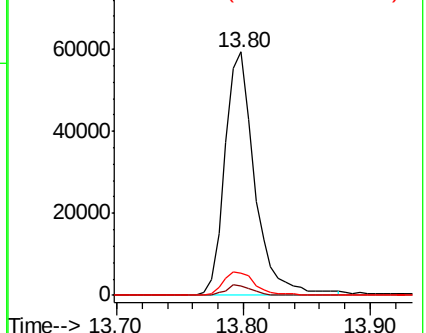
164 9.3 7.8 11.8



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: 0.170 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

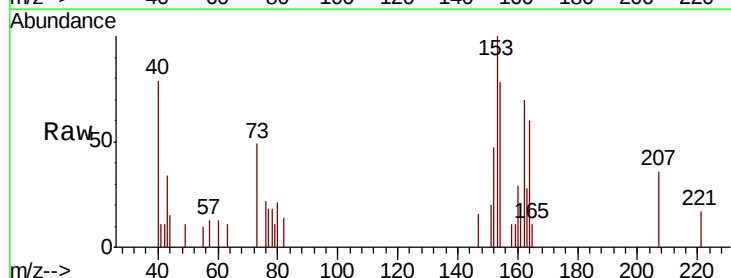
Tgt Ion:154 Resp: 3721

Ion Ratio Lower Upper

154 100

153 127.7 91.3 136.9

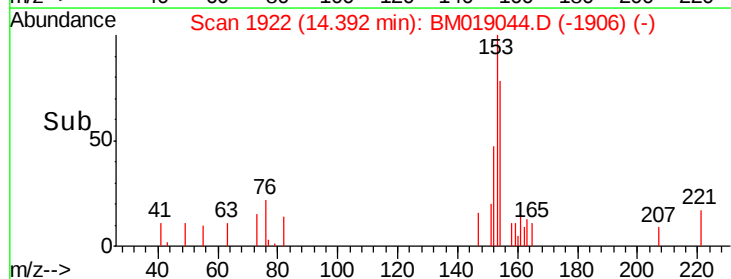
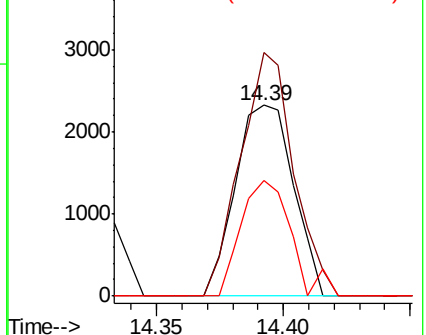
152 60.5 42.2 63.4

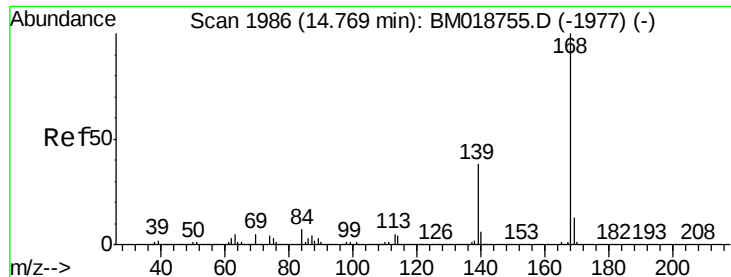


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

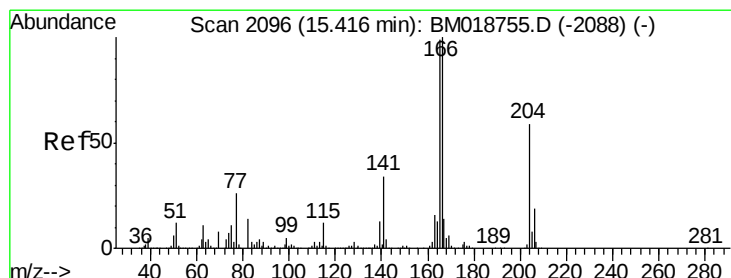
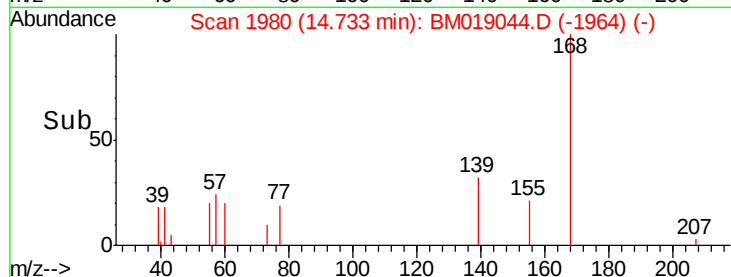
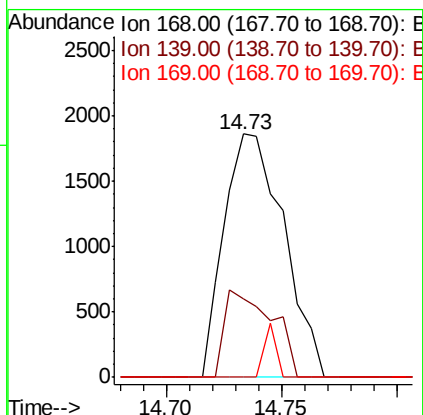
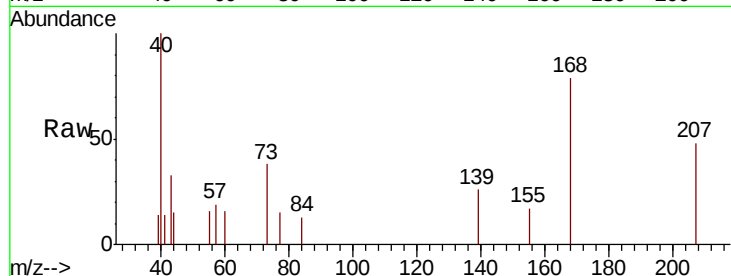




#55
Dibenzenofuran
Concen: 0.093 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

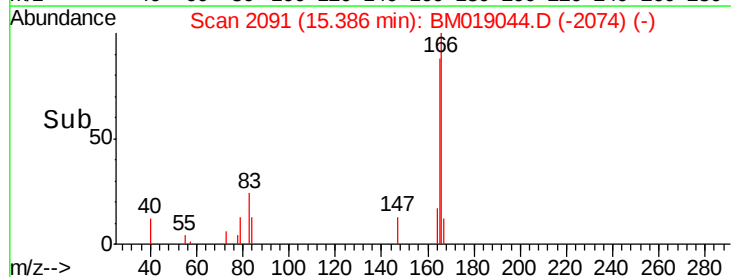
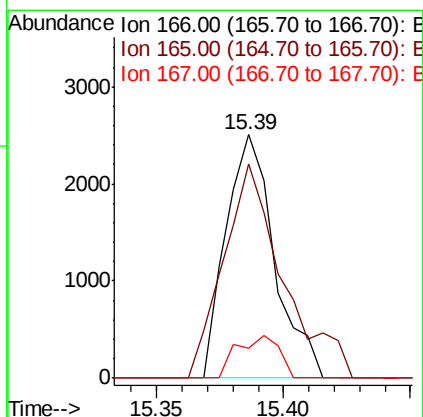
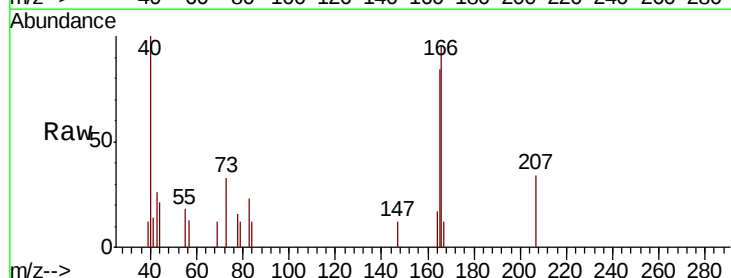
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

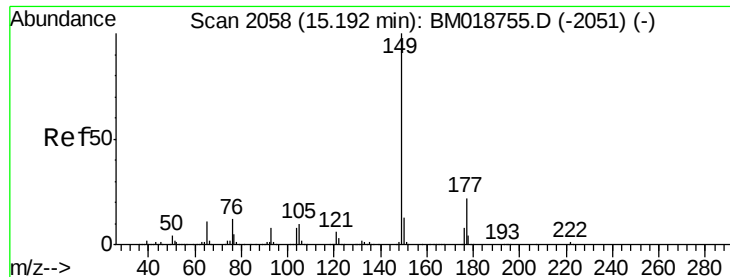
Tgt Ion:168 Resp: 3342
Ion Ratio Lower Upper
168 100
139 32.4 30.7 46.1
169 0.0 10.3 15.5#



#58
Fluorene
Concen: 0.121 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:166 Resp: 3344
Ion Ratio Lower Upper
166 100
165 87.9 79.1 118.7
167 12.5 11.0 16.4





#60

Diethylphthalate

Concen: 0.092 ng

RT: 15.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

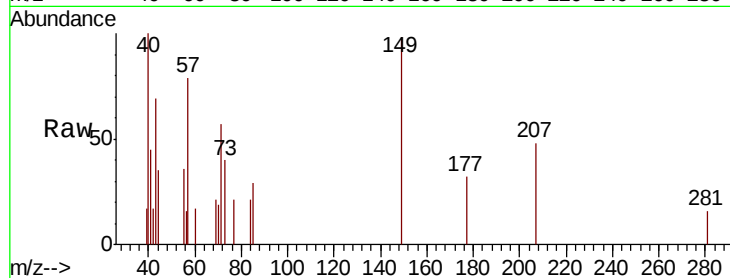
Tgt Ion: 149 Resp: 2851

Ion Ratio Lower Upper

149 100

177 32.8 17.2 25.8#

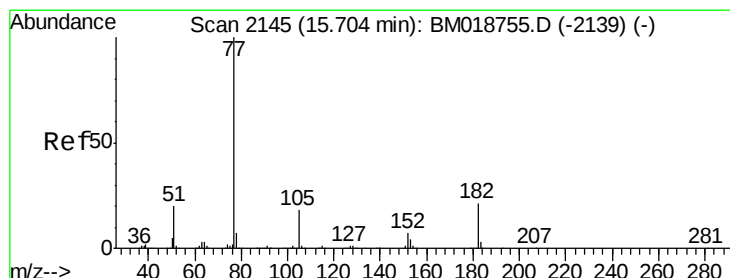
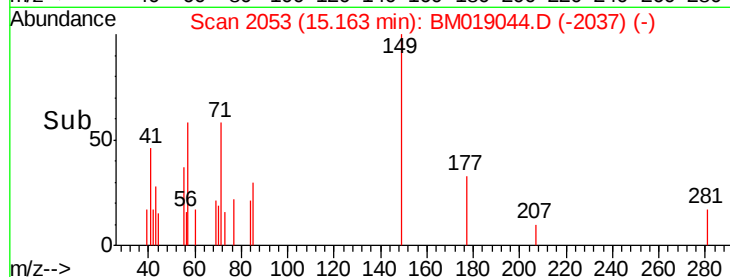
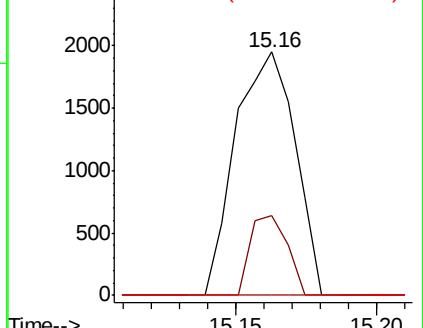
150 0.0 10.2 15.2#



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



#63

Azobenzene

Concen: 0.050 ng

RT: 15.69 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Tgt Ion: 77 Resp: 1660

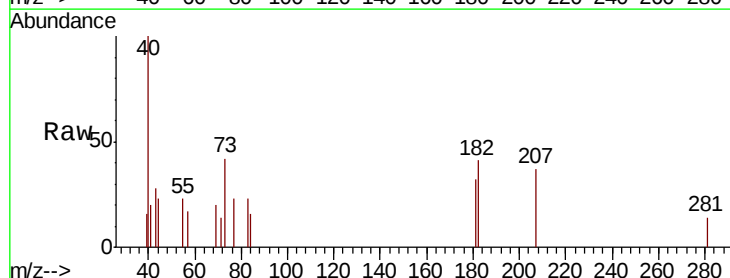
Ion Ratio Lower Upper

77 100

182 175.5 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#

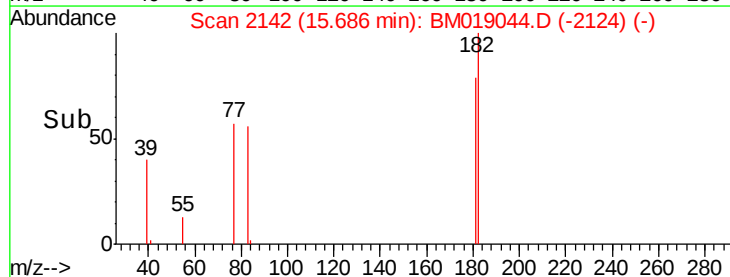
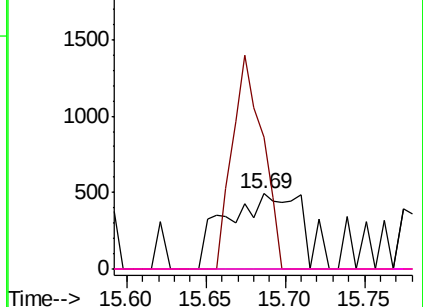


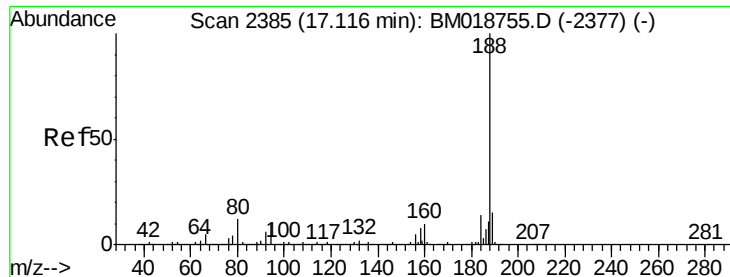
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

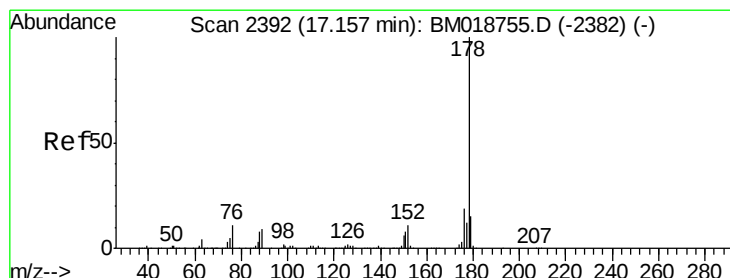
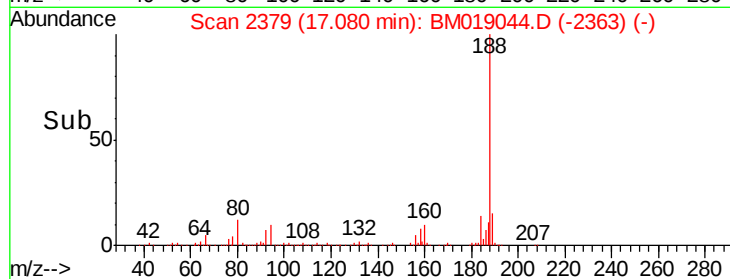
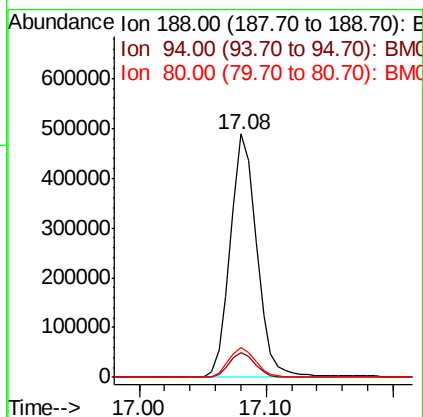
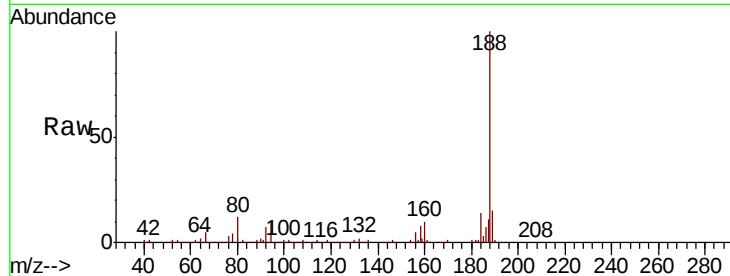




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

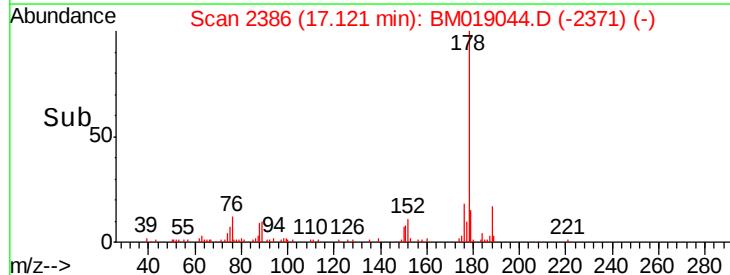
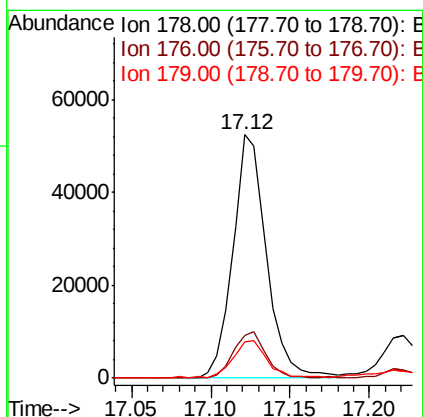
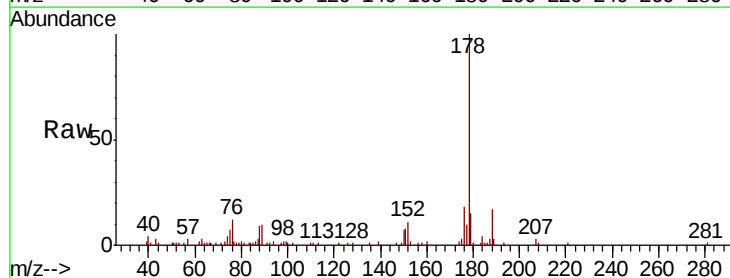
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

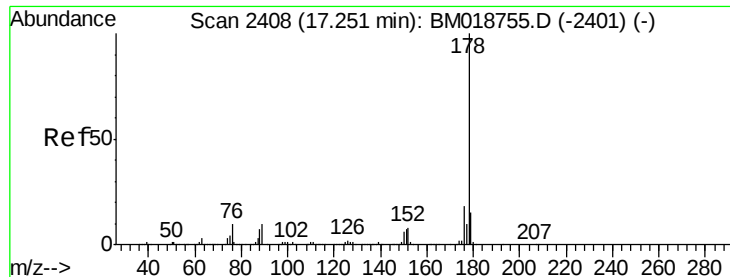
Tgt Ion:188 Resp: 708569
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.3 9.7 14.5



#71
Phenanthrene
Concen: 2.028 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:178 Resp: 77228
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.7 12.3 18.5





#72

Anthracene

Concen: 0.377 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

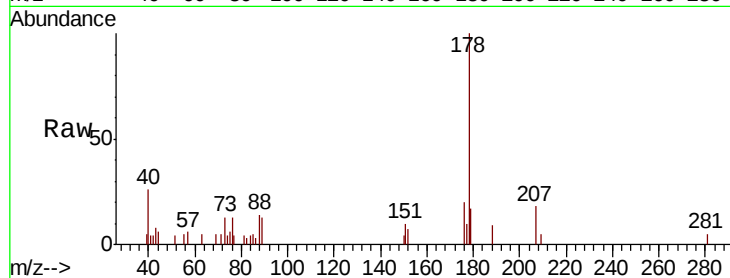
Tgt Ion:178 Resp: 13973

Ion Ratio Lower Upper

178 100

176 20.4 14.8 22.2

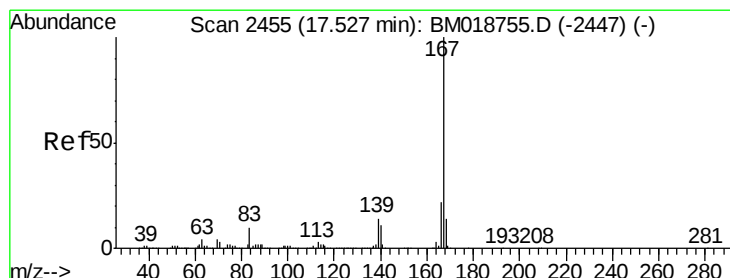
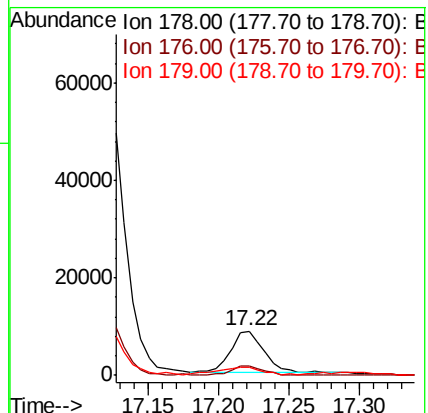
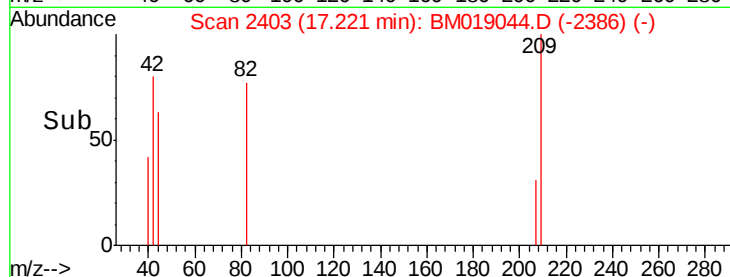
179 17.3 12.1 18.1



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: 0.178 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

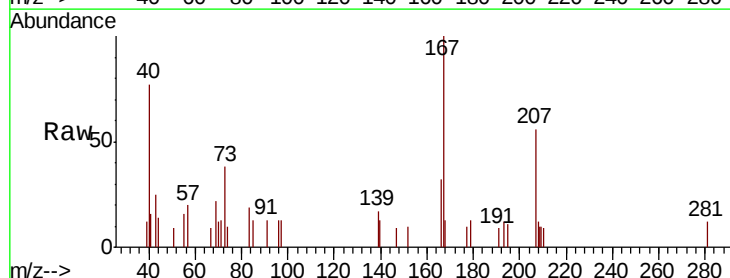
Tgt Ion:167 Resp: 6912

Ion Ratio Lower Upper

167 100

166 31.5 17.7 26.5#

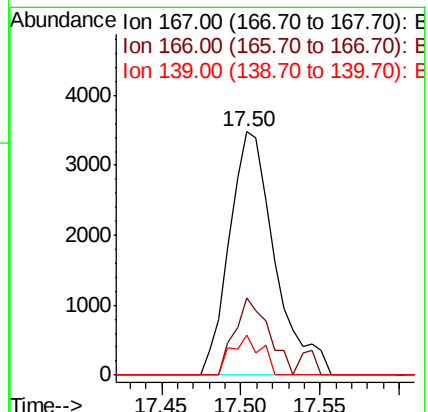
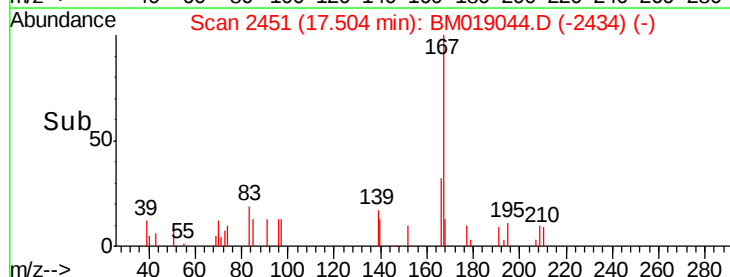
139 16.6 10.9 16.3#

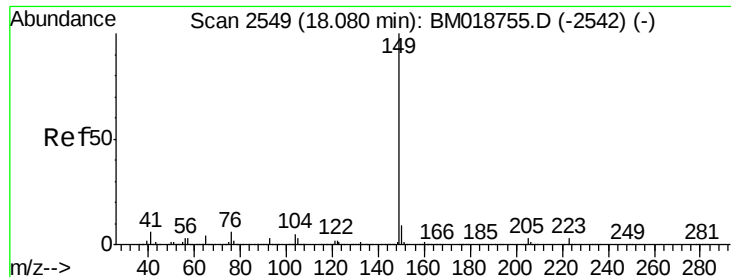


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

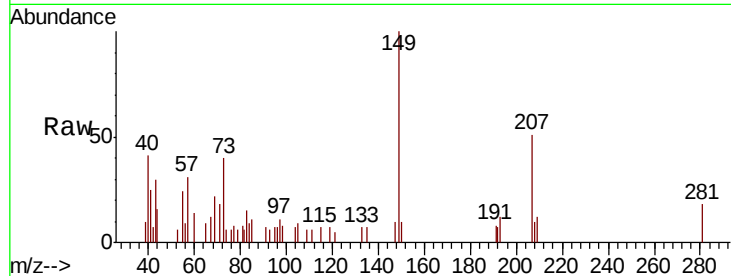




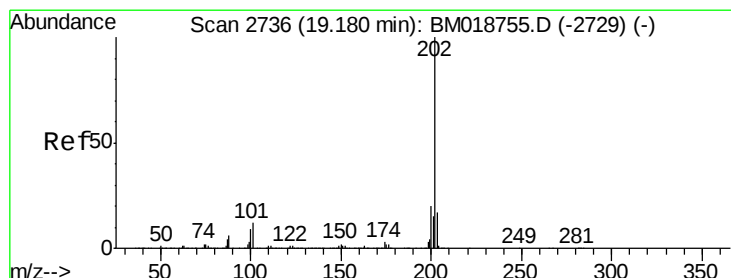
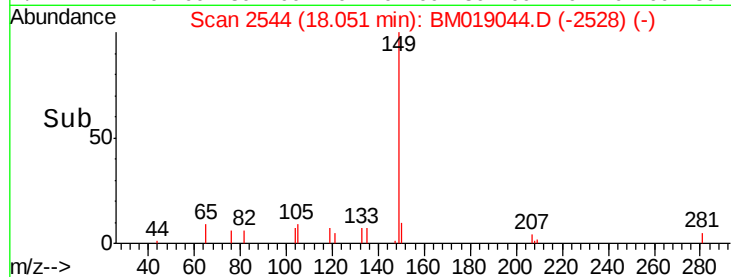
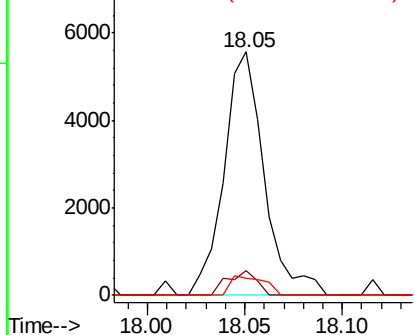
#74
Di-n-butylphthalate
Concen: 0.179 ng
RT: 18.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion:149 Resp: 7953
Ion Ratio Lower Upper
149 100
150 10.3 7.4 11.0
104 6.8 4.3 6.5#

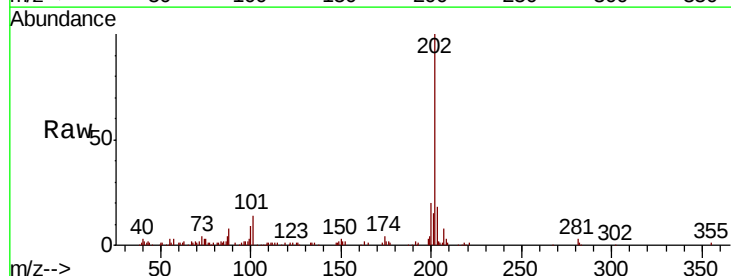


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

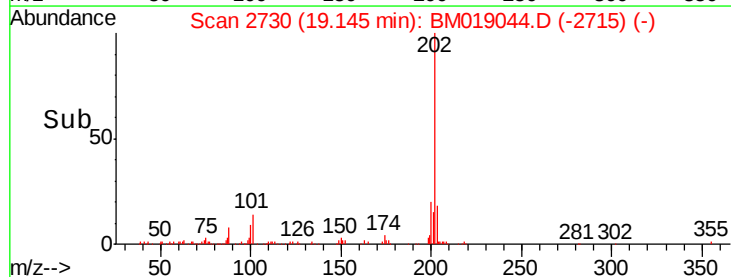
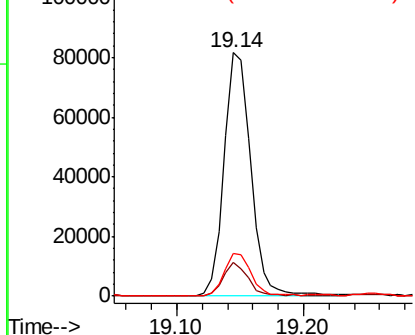


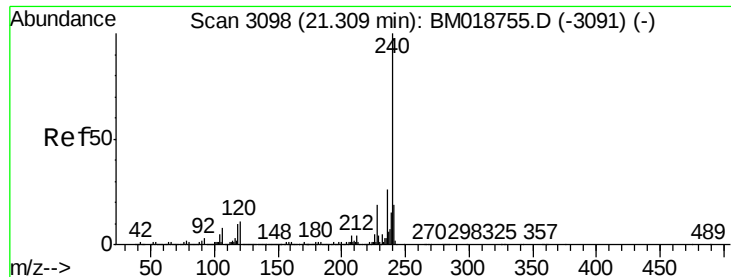
#75
Fluoranthene
Concen: 2.722 ng
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion:202 Resp: 119722
Ion Ratio Lower Upper
202 100
101 13.8 0.0 31.5
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

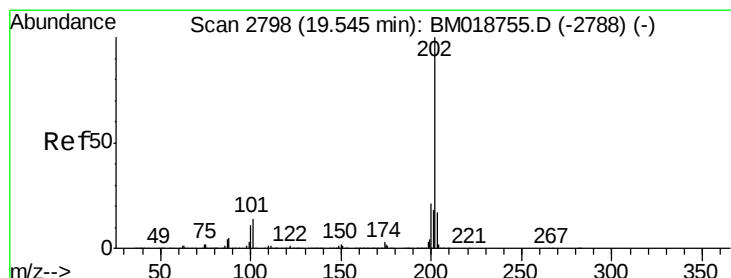
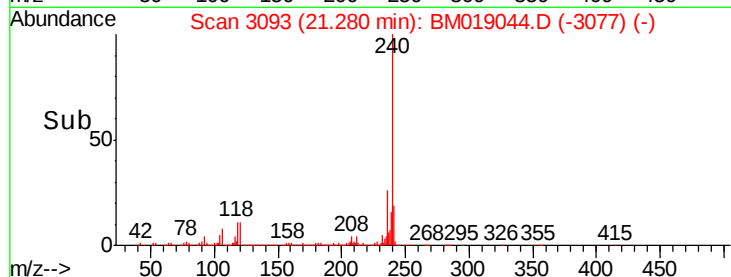
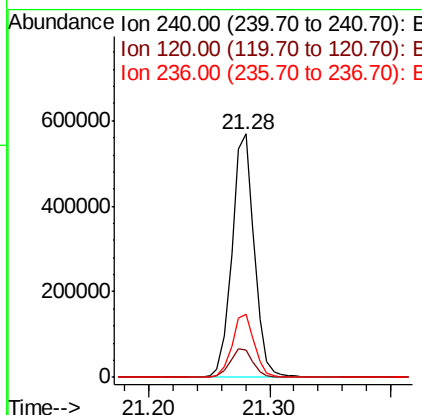
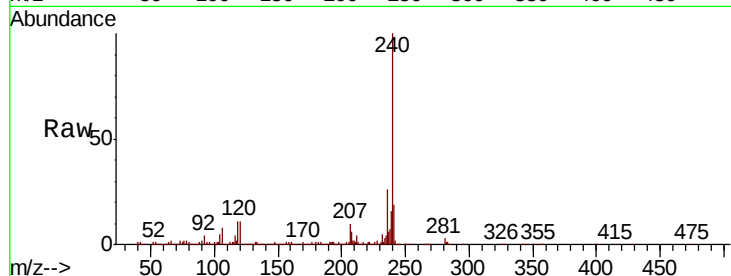




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

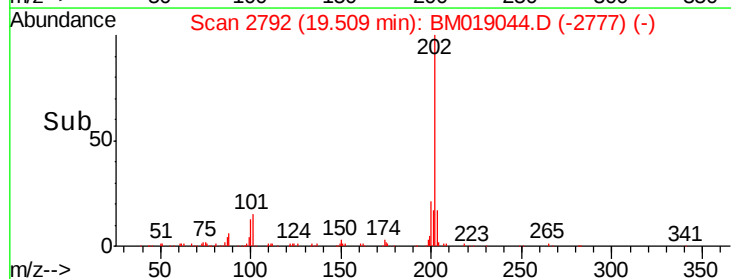
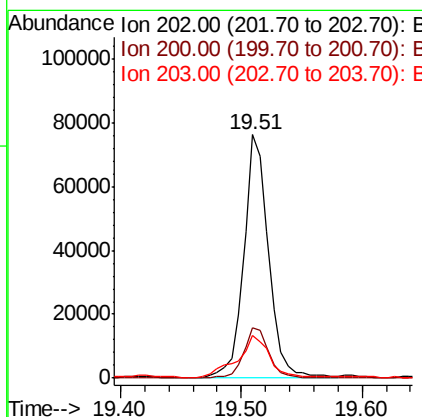
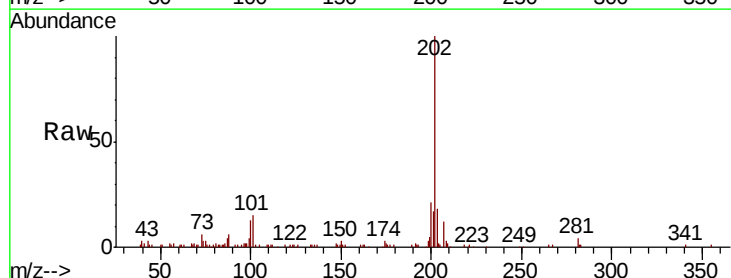
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

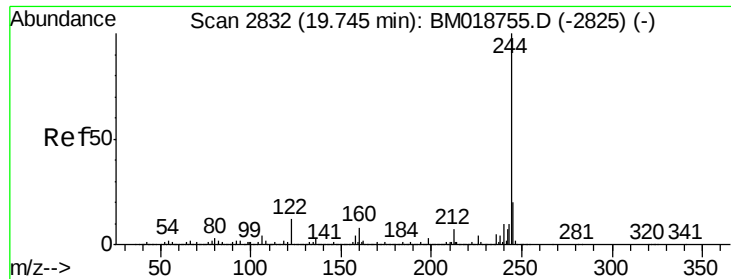
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.9	20.9	31.3



#78
Pyrene
Concen: 2.580 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.8	13.8	20.8





#79

Terphenyl-d14

Concen: 46.963 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

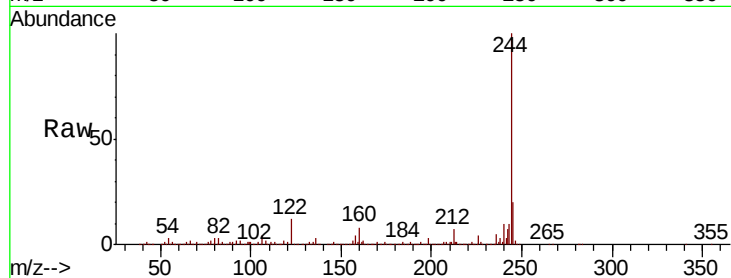
Tgt Ion:244 Resp: 1663521

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

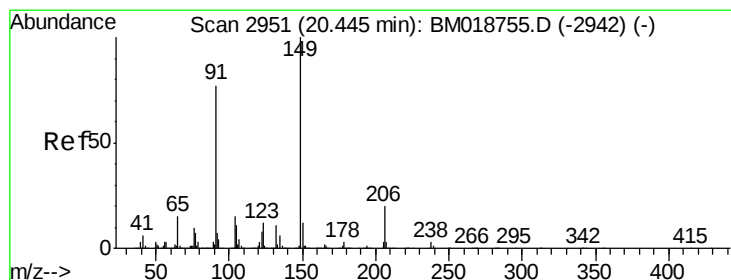
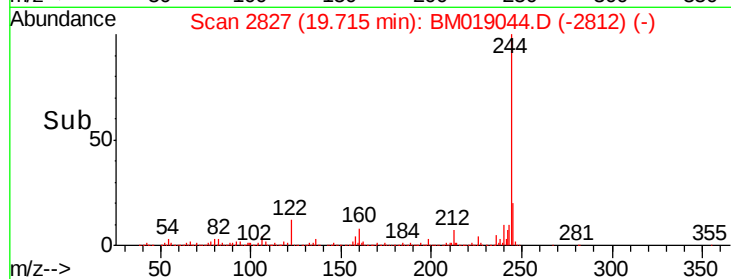
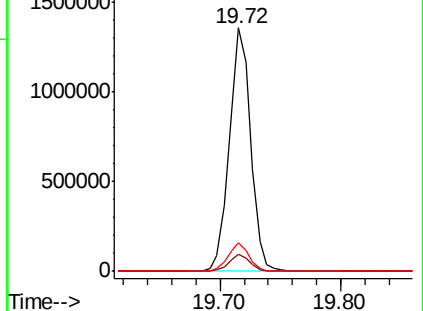
122 11.5 9.3 13.9



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: 0.092 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

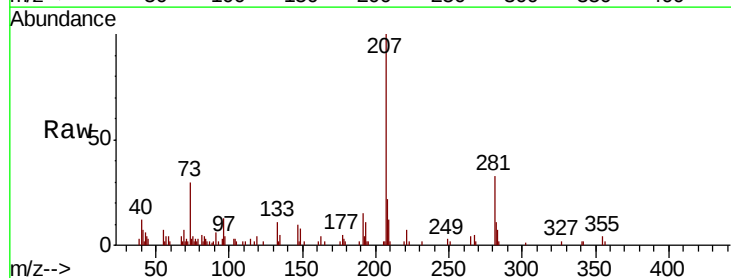
Tgt Ion:149 Resp: 1773

Ion Ratio Lower Upper

149 100

91 70.1 61.4 92.0

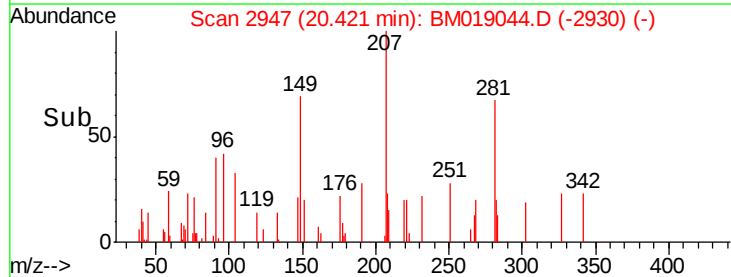
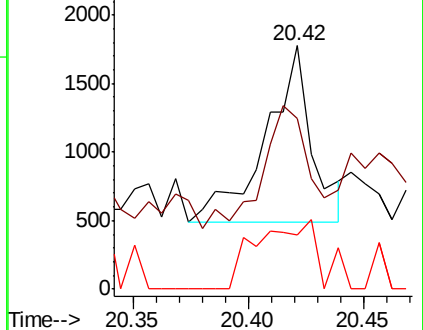
206 22.2 15.8 23.8

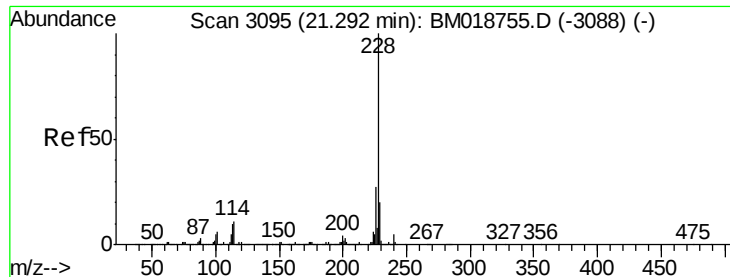


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.514 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

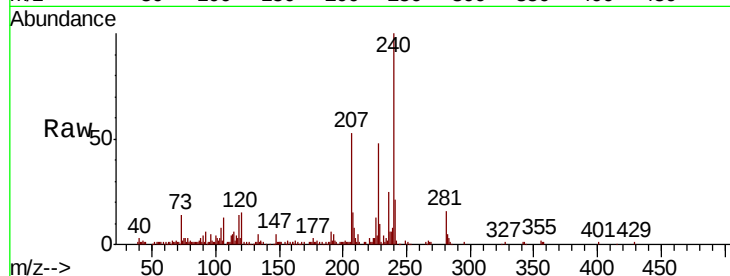
Tgt Ion:228 Resp: 64498

Ion Ratio Lower Upper

228 100

226 26.4 21.9 32.9

229 20.3 15.9 23.9

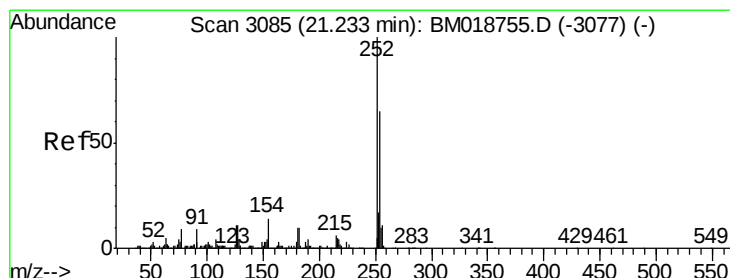
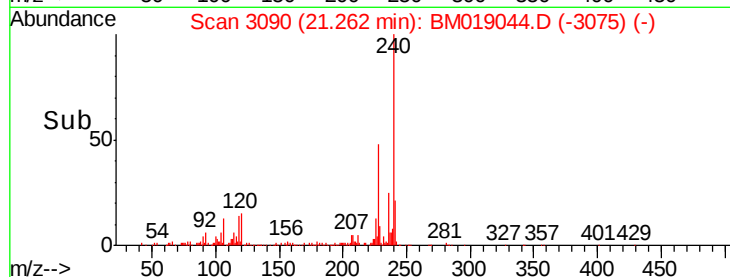
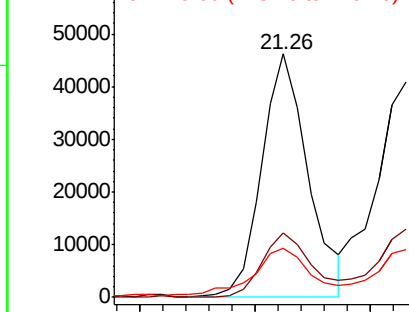


Abundance

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: 0.017 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

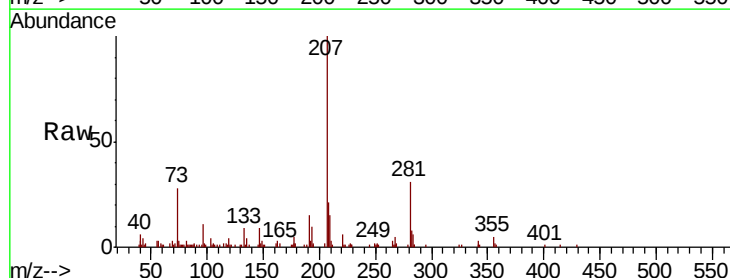
Tgt Ion:252 Resp: 283

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

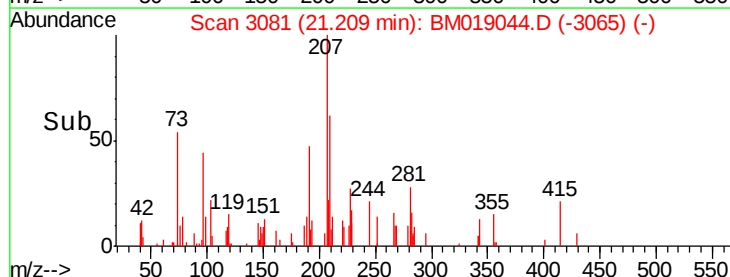
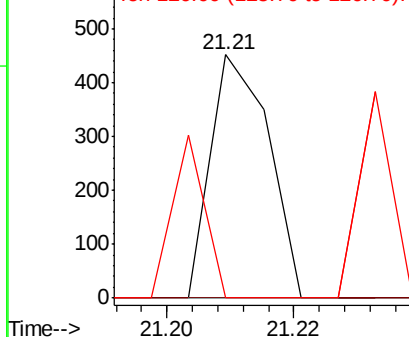


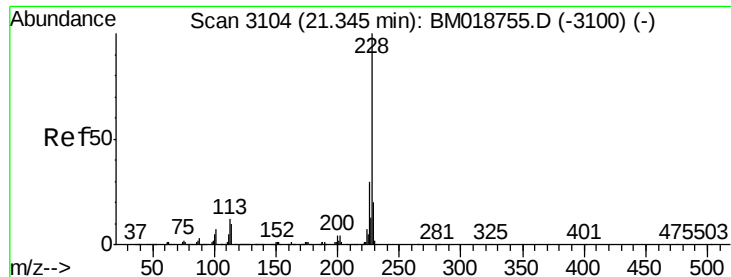
Abundance

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: 1.495 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

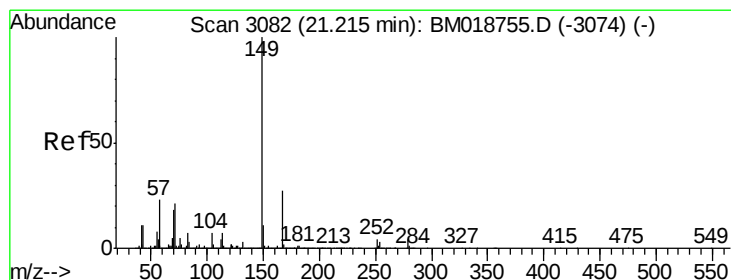
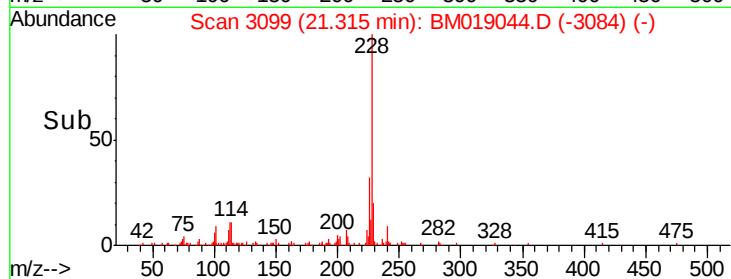
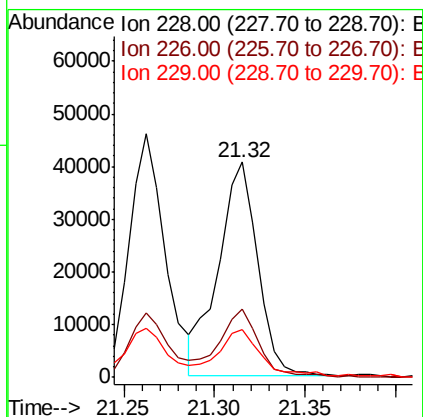
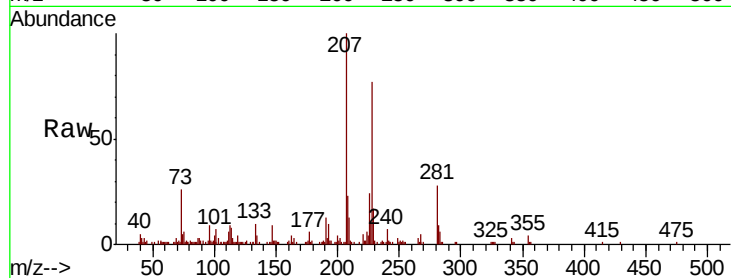
Tgt Ion: 228 Resp: 61022

Ion Ratio Lower Upper

228 100

226 31.9 24.1 36.1

229 22.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.440 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

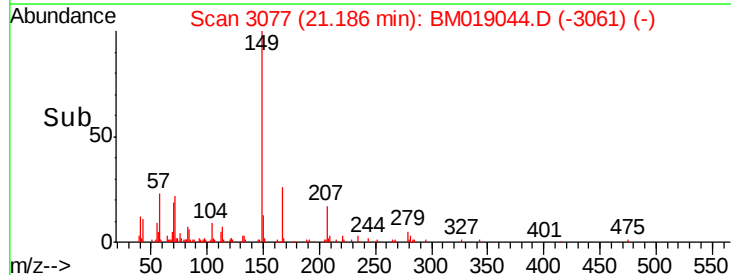
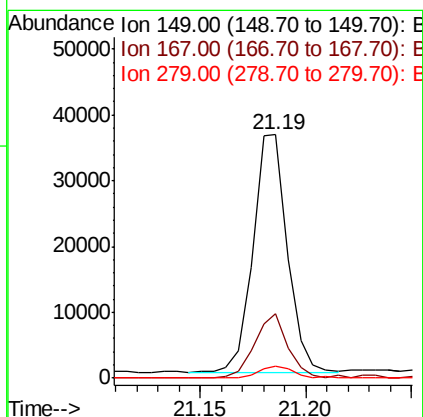
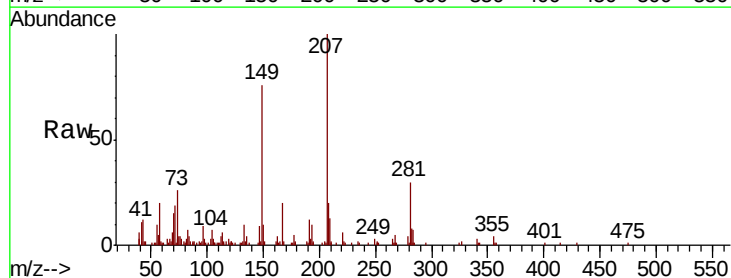
Tgt Ion: 149 Resp: 40774

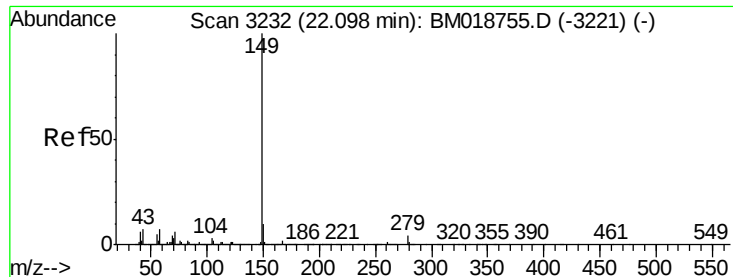
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 0.024 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

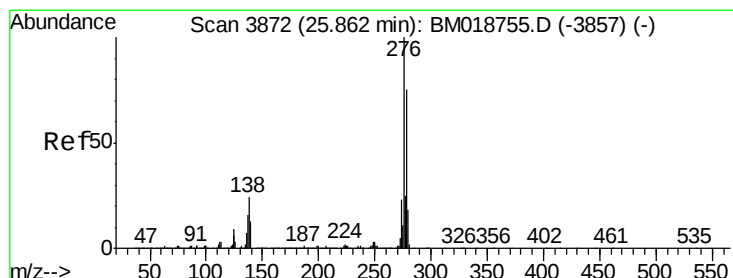
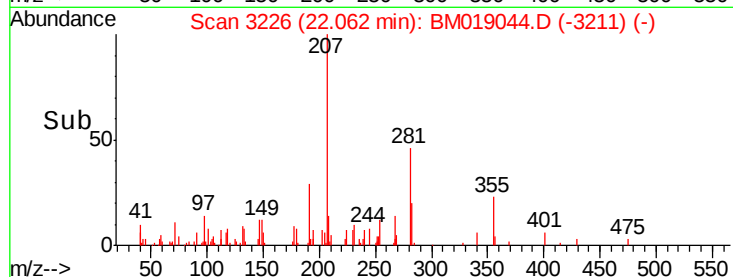
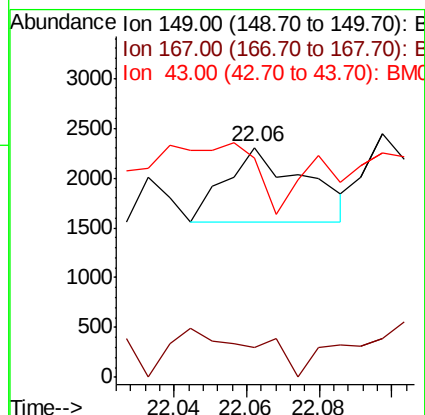
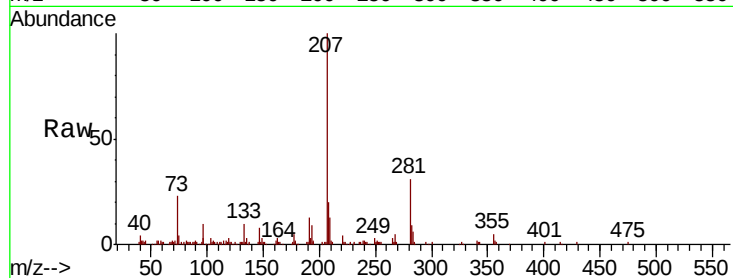
Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

Tgt Ion:	149	Resp:	1125
Ion Ratio	Lower	Upper	
149	100		
167	69.8	1.3	1.9#
43	144.2	6.0	9.0#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.841 ng

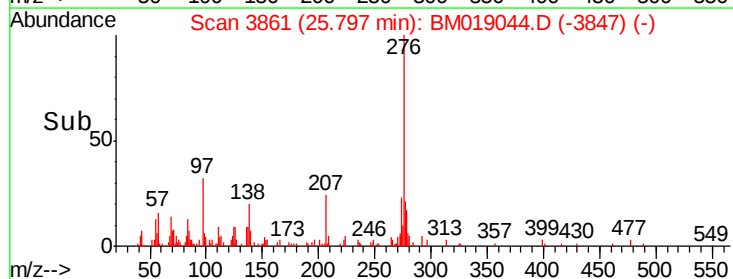
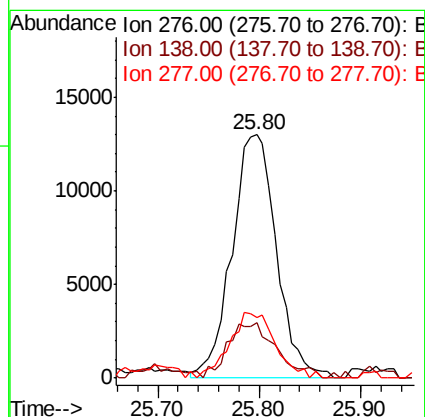
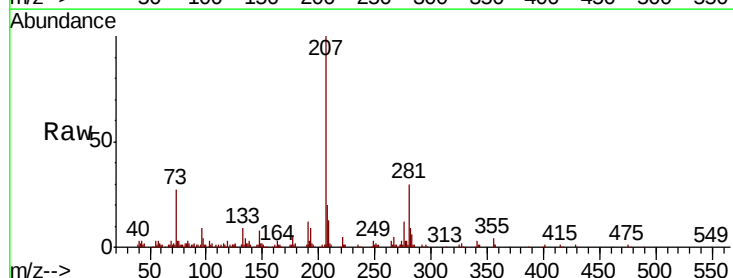
RT: 25.80 min Scan# 3861

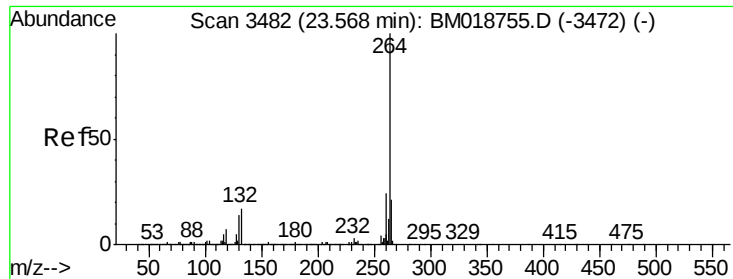
Delta R.T. -0.02 min

Lab File: BM019044.D

Acq: 05 Mar 2019 19:41

Tgt Ion:	276	Resp:	39651
Ion Ratio	Lower	Upper	
276	100		
138	24.8	20.2	30.4
277	27.5	20.3	30.5



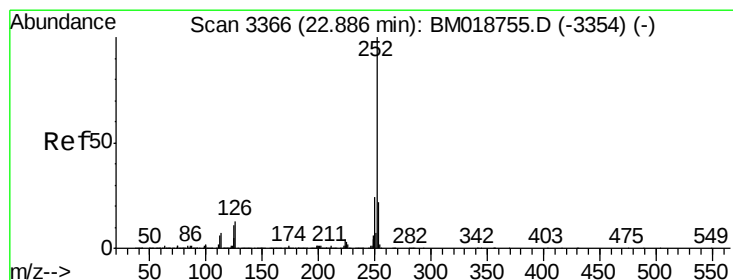
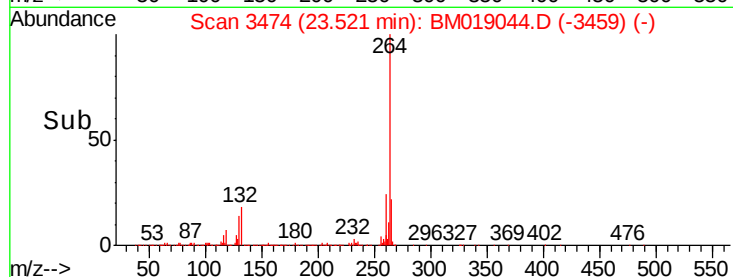
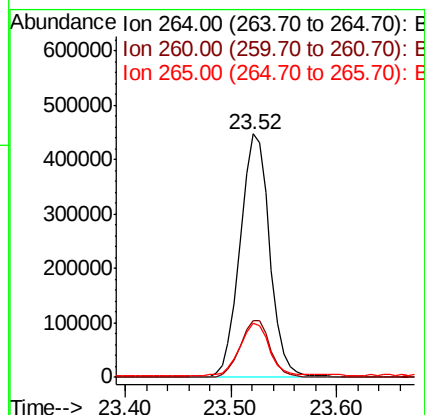
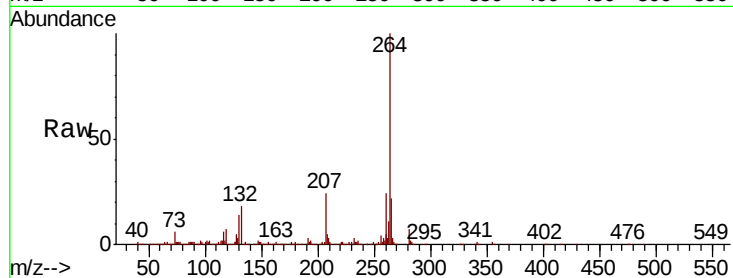


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion: 264 Resp: 869082

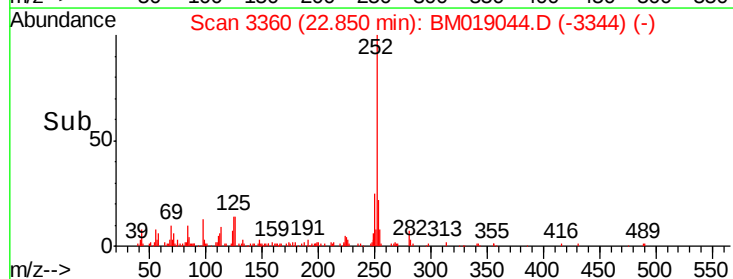
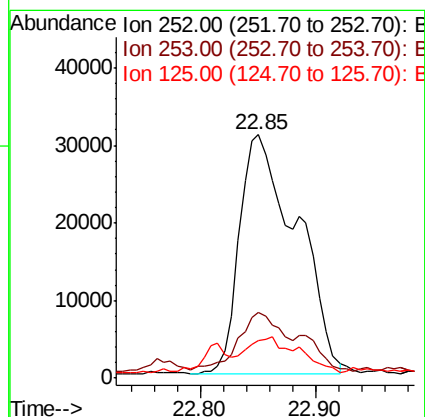
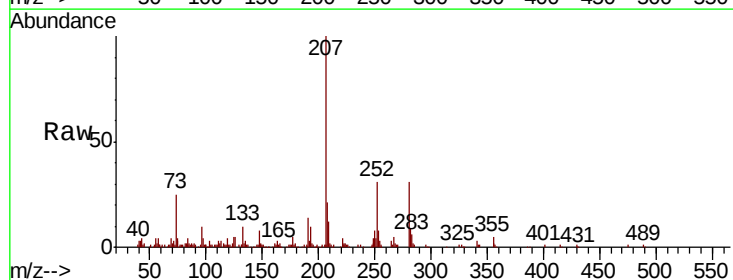
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.4	17.3	25.9

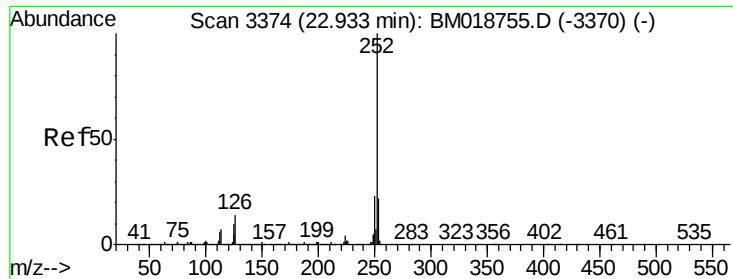


#88
Benzo(b)fluoranthene
Concen: 2.153 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion: 252 Resp: 107046

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	15.4	8.6	12.8#

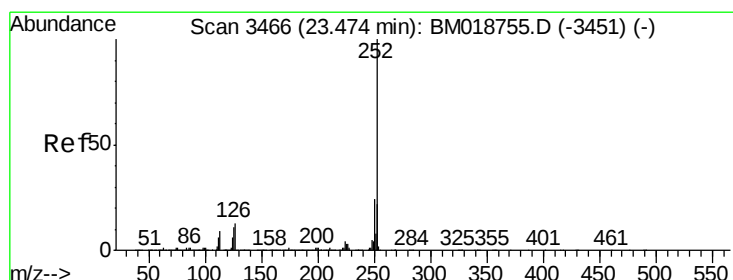
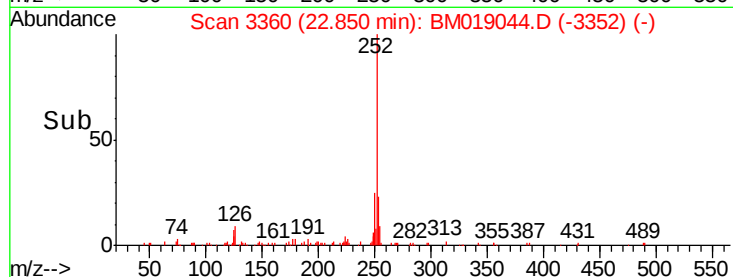
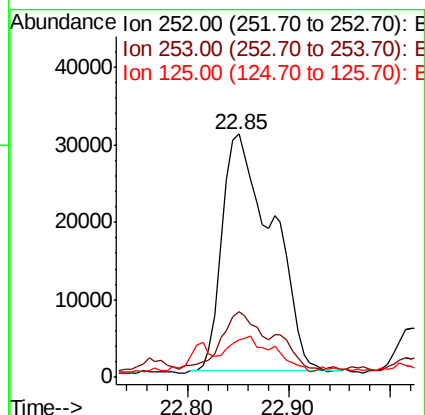
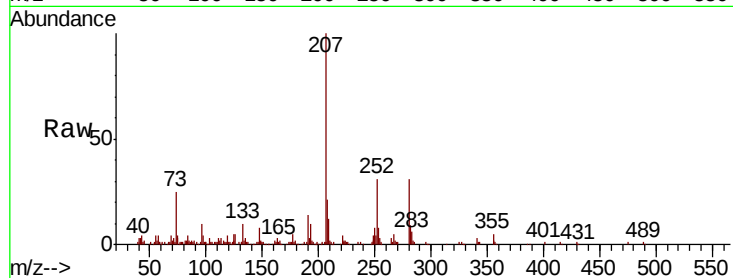




#89
Benzo(k)fluoranthene
Concen: 2.121 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

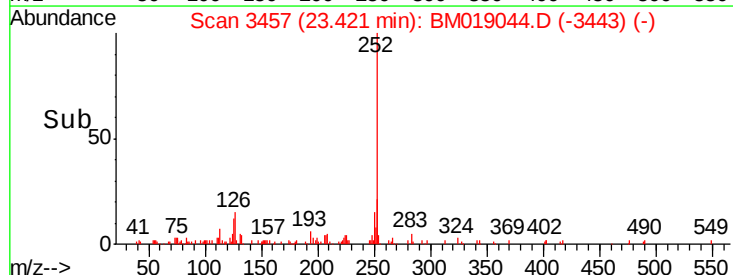
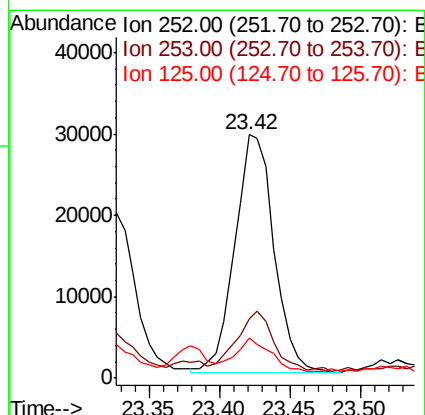
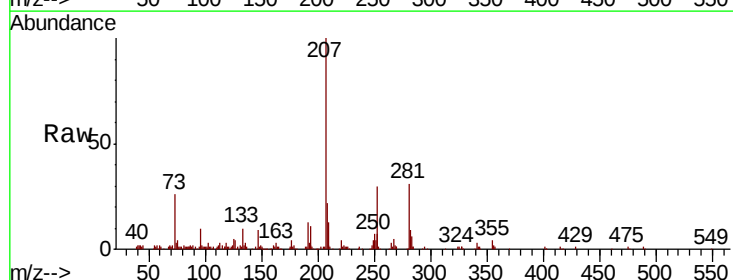
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

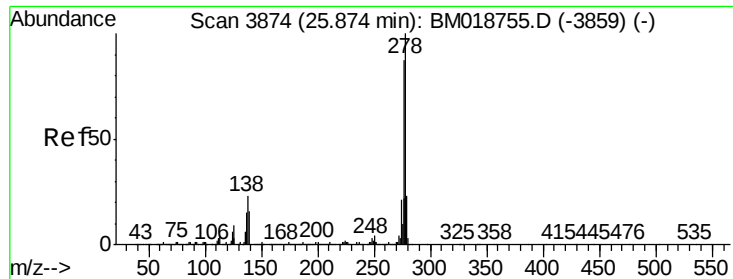
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.7	26.5#
125	15.4	8.2	12.4#



#90
Benzo(a)pyrene
Concen: 1.209 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	16.2	8.6	13.0#

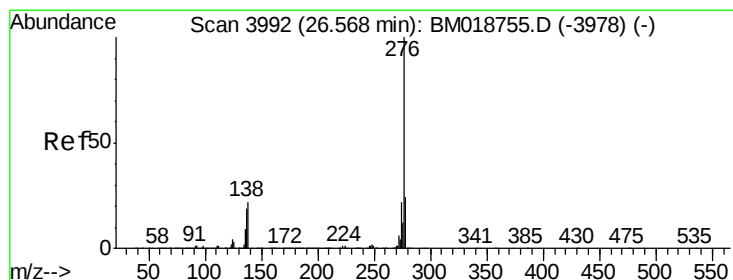
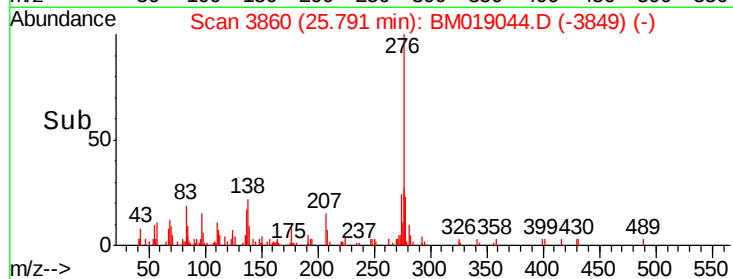
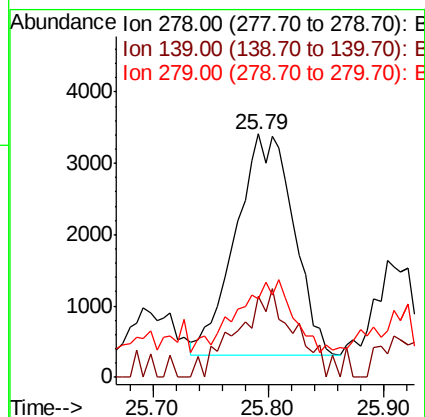
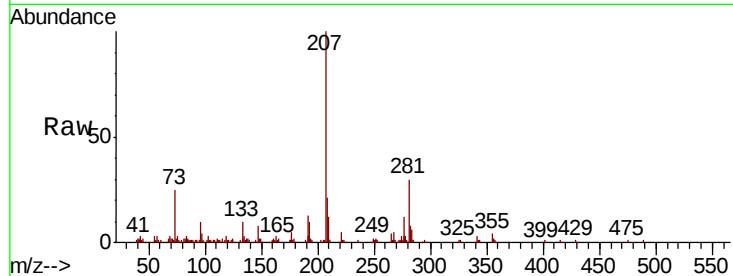




#91
Dibenzo(a,h)anthracene
Concen: 0.230 ng
RT: 25.79 min Scan# 3860
Delta R.T. -0.04 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tgt Ion: 278 Resp: 10742
Ion Ratio Lower Upper
278 100
139 33.1 12.6 18.8#
279 32.4 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 0.869 ng
RT: 26.50 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BM019044.D
Acq: 05 Mar 2019 19:41

Tgt Ion: 276 Resp: 37741
Ion Ratio Lower Upper
276 100
277 26.3 19.2 28.8
138 22.8 17.3 25.9

