

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000423.D
 Acq On : 26 Sep 2019 15:33
 Operator : JU
 Sample : K5008-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178569	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	506553	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	411116	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	763758	20.00	ng	0.01
76) Chrysene-d12	14.00	240	792364	20.00	ng	0.00
87) Perylene-d12	15.49	264	883493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	799461	77.29	ng	0.02
7) Phenol-d6	6.43	99	901720	71.12	ng	0.01
23) Nitrobenzene-d5	7.36	82	889310	113.27	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	552362	135.46	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1980451	86.70	ng	0.00
79) Terphenyl-d14	12.94	244	2853898	75.56	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.28	42	68047	19.204	ng	# 1
9) Benzaldehyde	6.36	77	67780	4.117	ng	# 48
10) Phenol	6.45	94	94926	6.590	ng	# 87
15) Benzyl Alcohol	6.92	79	94515	10.243	ng	# 59
17) 2-Methylphenol	7.05	107	28303	2.967	ng	# 1
18) Hexachloroethane	7.34	117	822066	167.041	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	172498	25.732	ng	# 68
20) 3+4-Methylphenols	7.23	107	30583	2.651	ng	# 1
22) Acetophenone	7.20	105	85941	7.829	ng	# 1
24) Nitrobenzene	7.38	77	189753	23.269	ng	# 33
25) Isophorone	7.62	82	314139	20.207	ng	# 1
26) 2-Nitrophenol	7.72	139	49686	11.493	ng	# 1
27) 2,4-Dimethylphenol	7.75	122	50483	7.331	ng	# 1
28) bis(2-Chloroethoxy)methane	7.84	93	80286	7.765	ng	# 1
29) 2,4-Dichlorophenol	7.94	162	41870	5.673	ng	# 29
31) Naphthalene	8.11	128	127074	5.417	ng	# 1
32) Benzoic acid	7.80	122	14637	3.148	ng	# 1
33) 4-Chloroaniline	8.13	127	61822	5.823	ng	# 1
35) Caprolactam	8.52	113	223398	88.979	ng	# 67
36) 4-Chloro-3-methylphenol	8.63	107	18445	2.462	ng	# 40
37) 2-Methylnaphthalene	8.90	142	1647537	102.730	ng	# 93
38) 1-Methylnaphthalene	8.90	142	1647537	109.668	ng	# 99
48) 2-Nitroaniline	9.36	65	15822	2.612	ng	# 41
49) Acenaphthylene	9.70	152	120795	3.368	ng	# 1
50) Dimethylphthalate	9.55	163	282976	10.103	ng	# 87
51) 2,6-Dinitrotoluene	9.62	165	13559	2.202	ng	# 1
52) Acenaphthene	9.87	154	194887	8.612	ng	# 84
53) 3-Nitroaniline	9.80	138	27203	3.805	ng	# 24
55) Dibenzofuran	10.05	168	247090	7.723	ng	# 22
56) 4-Nitrophenol	9.95	139	145980	27.455	ng	# 57
58) Fluorene	10.39	166	377117	15.261	ng	# 92
62) 4-Nitroaniline	10.26	138	16792	2.388	ng	# 84
66) n-Nitrosodiphenylamine	10.51	169	508302	22.108	ng	# 50
71) Phenanthrene	11.36	178	1026537	26.821	ng	# 97

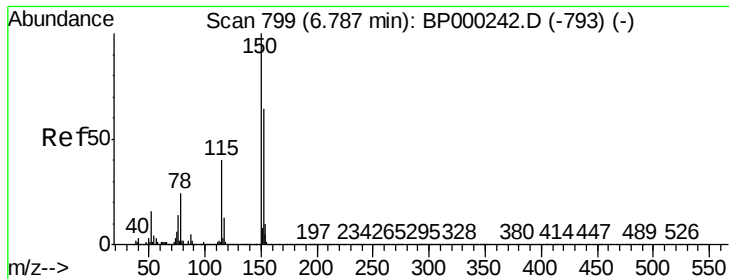
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000423.D
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Operator : JU
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QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	11.36	178	1026537	26.057	nq	96
78) Pyrene	12.79	202	125258	2.113	nq #	94
84) Bis(2-ethylhexyl)phthalate	13.99	149	280974	8.593	nq	98

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

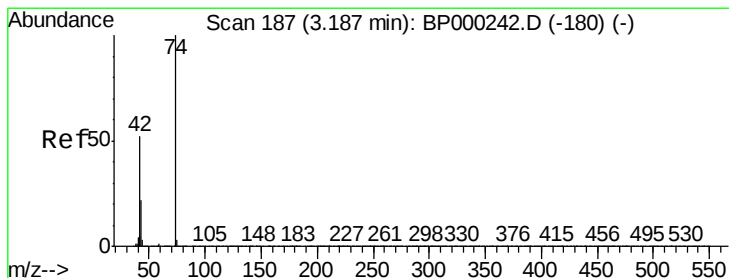
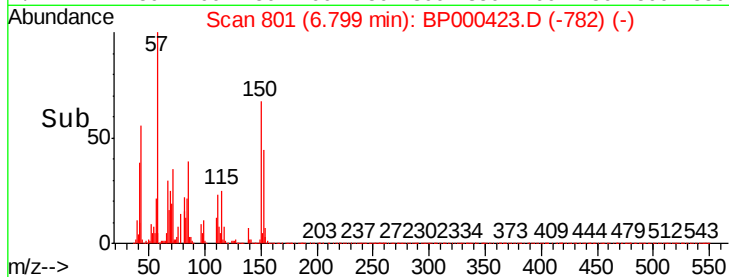
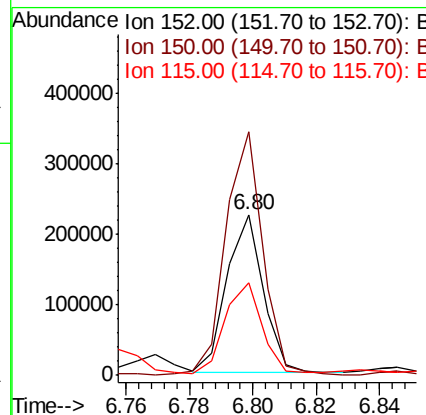
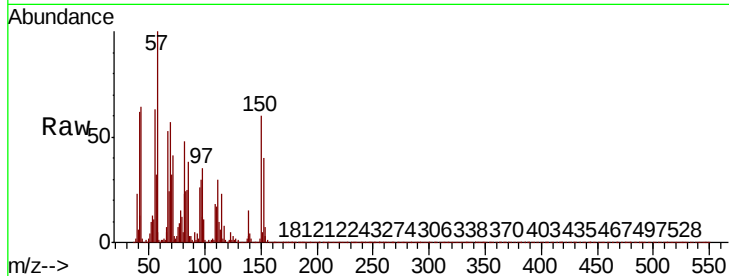


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Instrument :
BNA_P
ClientSampleId :

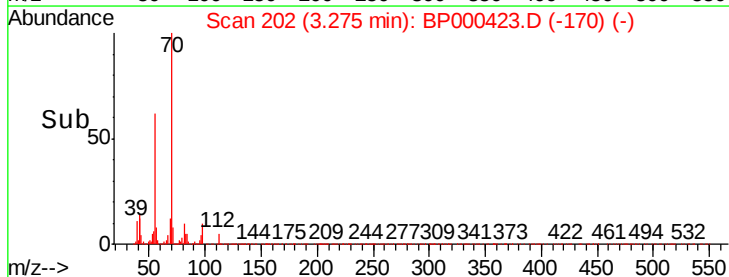
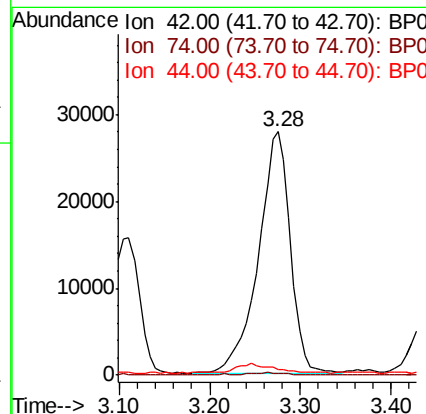
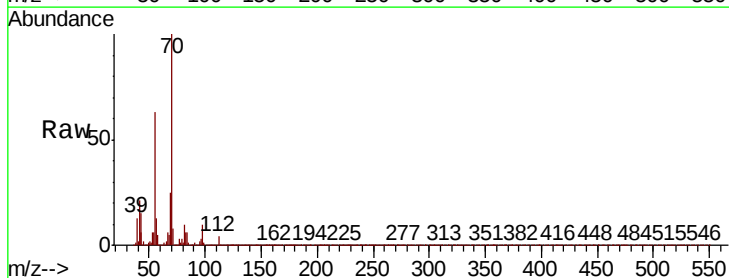
Tot Ion:152 Resp: 178569
Ion Ratio Lower Upper
152 100
150 151.2 125.2 187.8
115 57.8 49.7 74.5

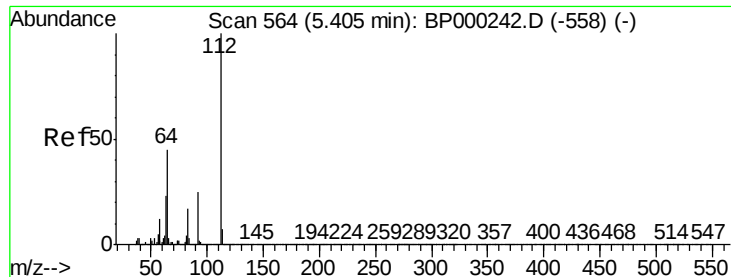


#4

n-Nitrosodimethylamine
Concen: 19.204 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.09 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion: 42 Resp: 68047
Ion Ratio Lower Upper
42 100
74 0.6 154.5 231.7#
44 2.5 5.9 8.9#





#5

2-Fluorophenol

Concen: 77.289 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampled :

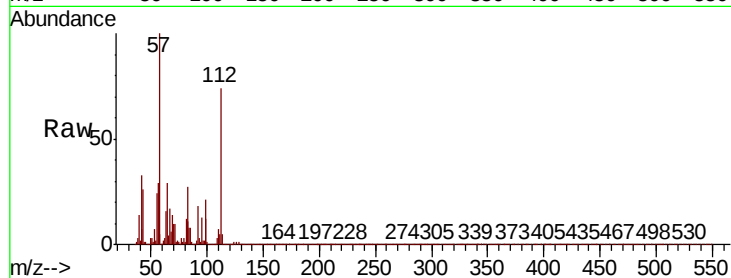
Tot Ion: 112 Resp: 799461

Ion Ratio Lower Upper

112 100

64 39.7 36.2 54.4

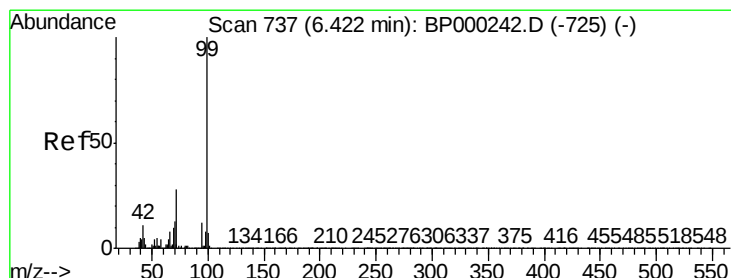
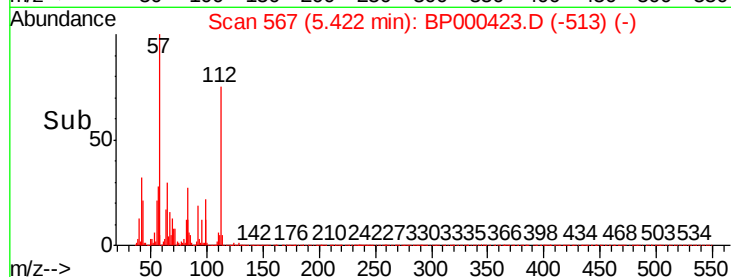
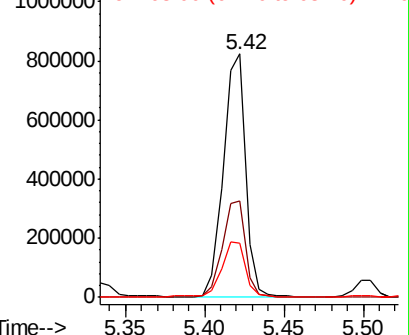
63 22.1 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 71.118 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

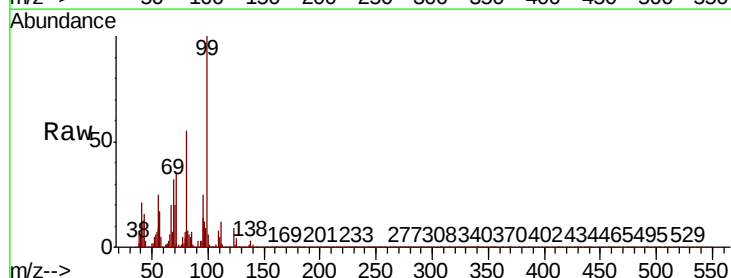
Tgt Ion: 99 Resp: 901720

Ion Ratio Lower Upper

99 100

42 12.8 8.5 12.7#

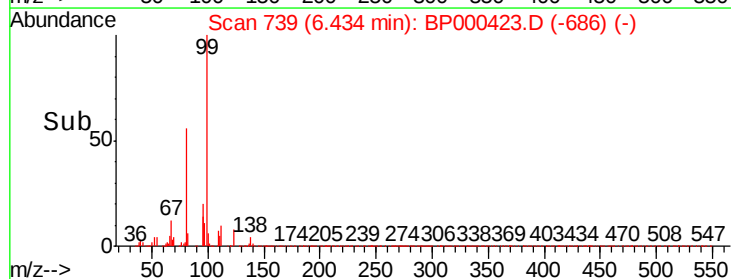
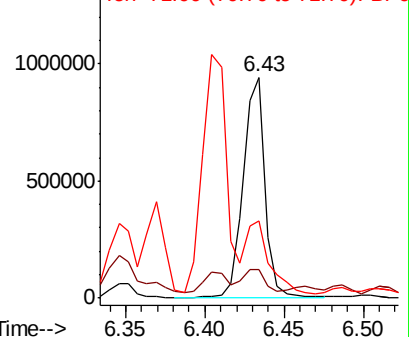
71 35.1 22.6 34.0#

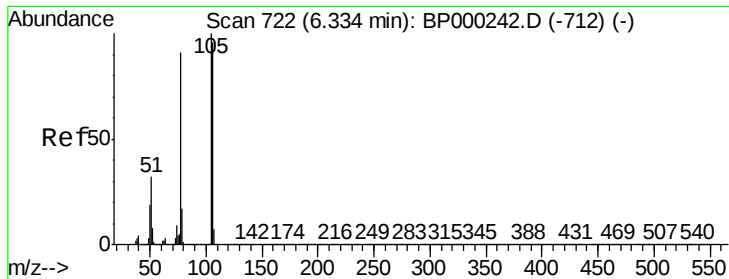


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 4.117 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.03 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

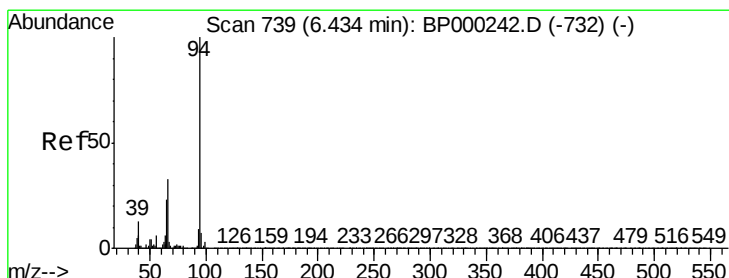
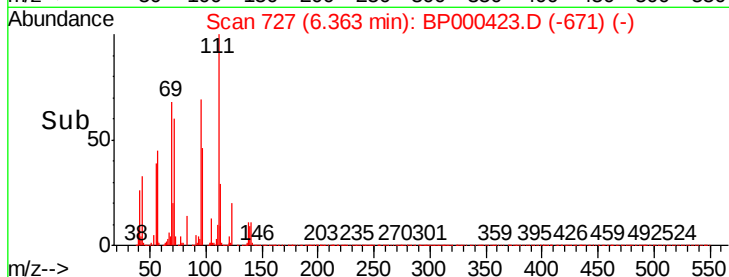
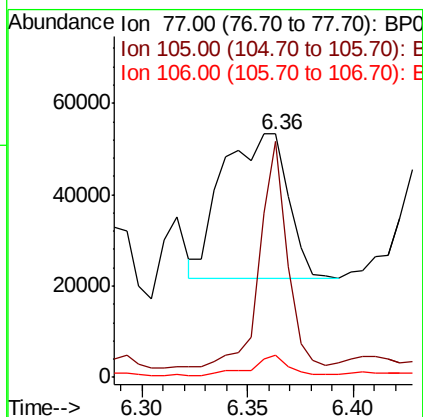
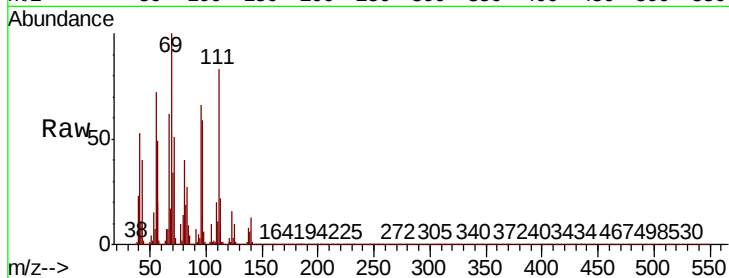
Tot Ion: 77 Resp: 67780

Ion Ratio Lower Upper

77 100

105 96.9 89.6 129.6

106 9.0 84.6 124.6#



#10

Phenol

Concen: 6.590 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

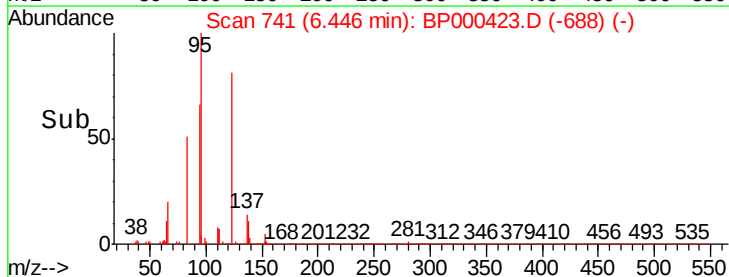
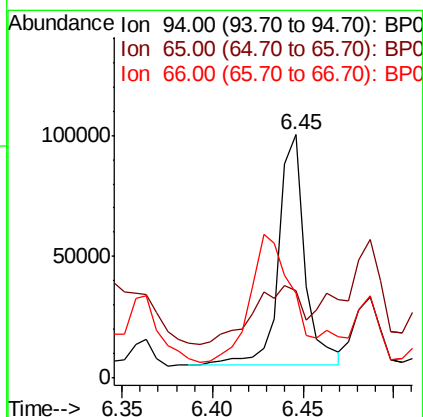
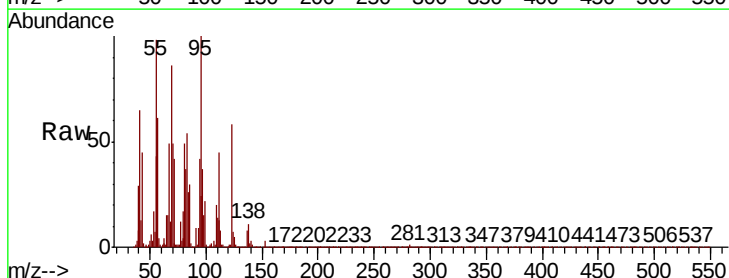
Tgt Ion: 94 Resp: 94926

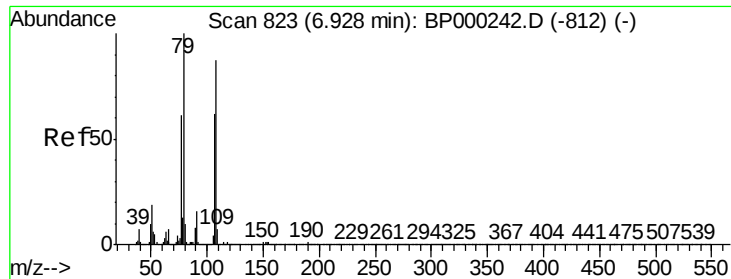
Ion Ratio Lower Upper

94 100

65 36.0 3.3 43.3

66 34.8 12.7 52.7





#15

Benzyl Alcohol

Concen: 10.243 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampled :

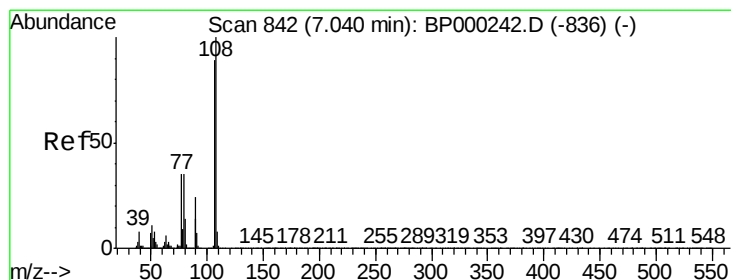
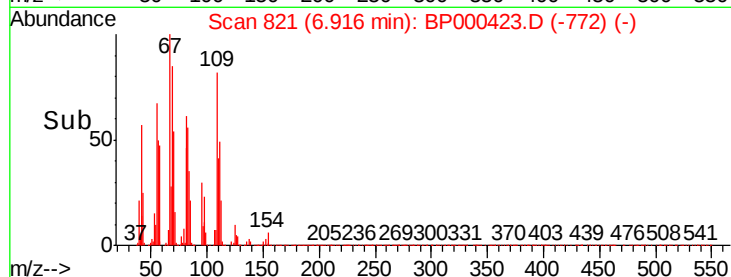
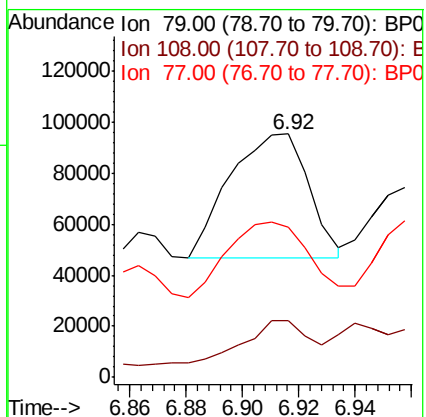
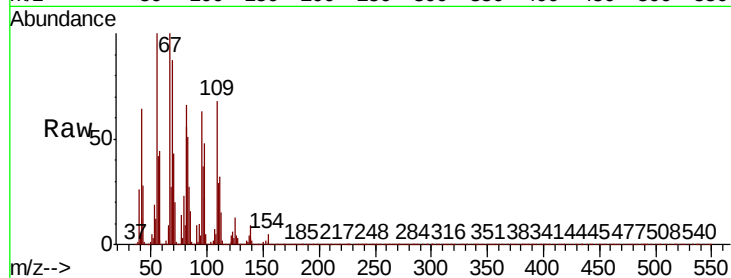
Tot Ion: 79 Resp: 94515

Ion Ratio Lower Upper

79 100

108 23.4 69.2 103.8#

77 61.5 48.7 73.1



#17

2-Methylphenol

Concen: 2.967 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Tgt Ion: 107 Resp: 28303

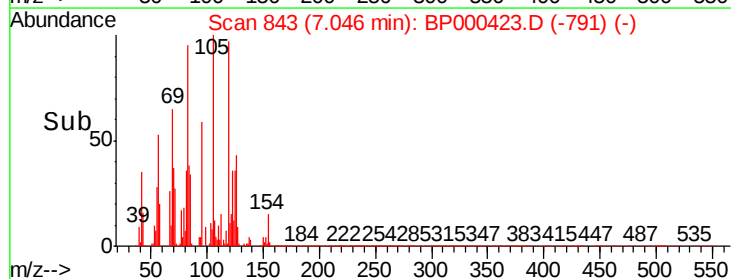
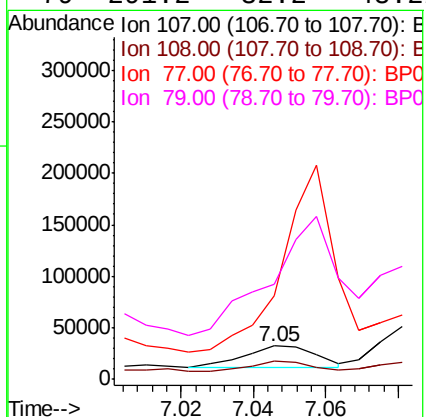
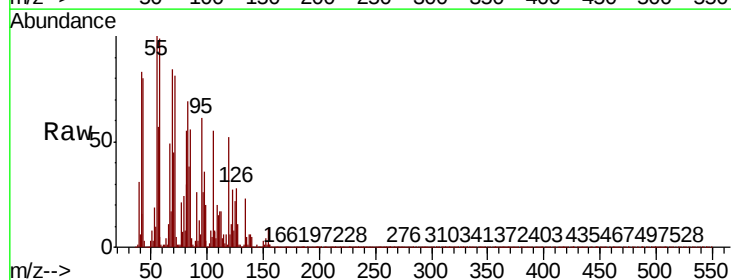
Ion Ratio Lower Upper

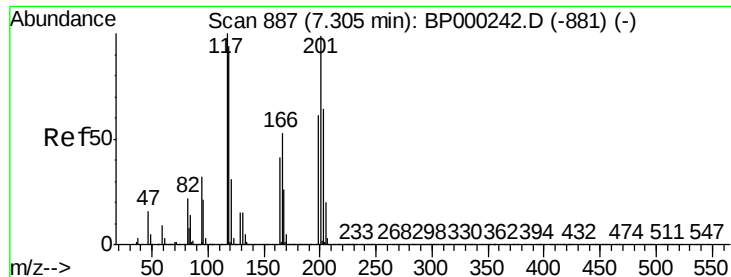
107 100

108 53.1 90.1 135.1#

77 252.7 31.5 47.3#

79 291.2 32.2 48.2#





#18

Hexachloroethane

Concen: 167.041 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.04 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

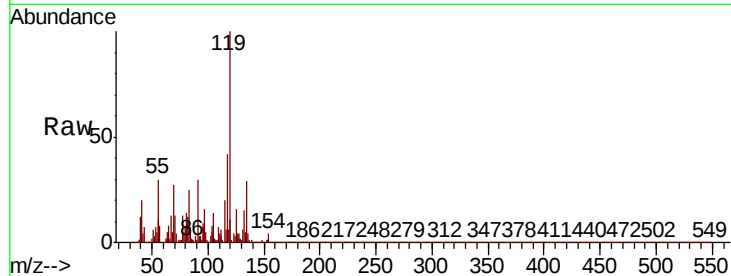
Tot Ion:117 Resp: 822066

Ion Ratio Lower Upper

117 100

119 235.9 75.6 113.4#

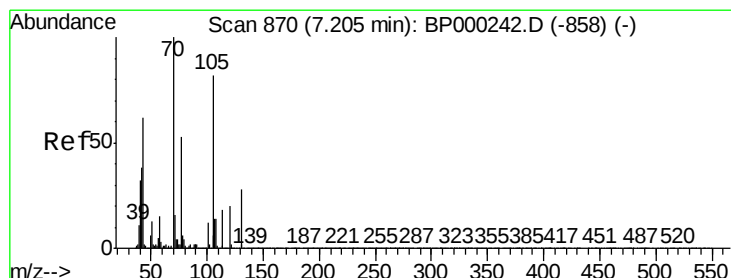
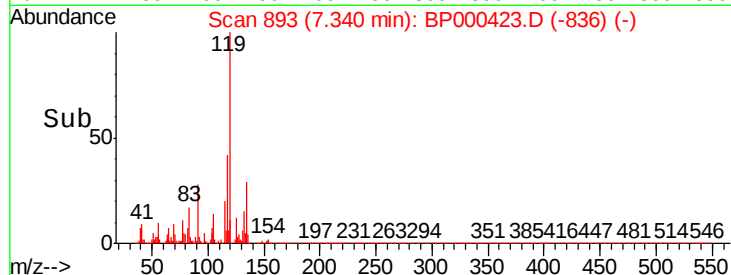
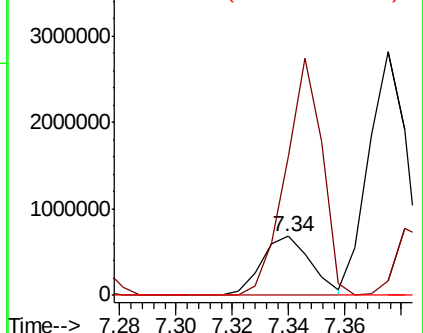
201 0.0 79.4 119.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 25.732 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.03 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Tgt Ion: 70 Resp: 172498

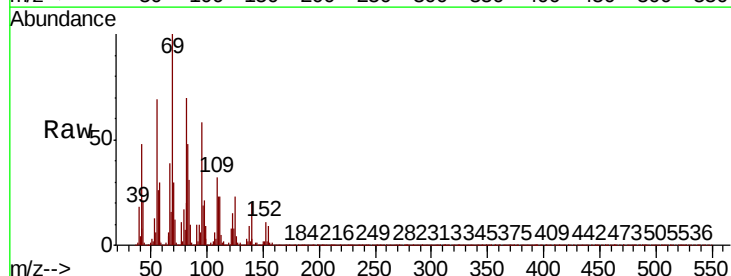
Ion Ratio Lower Upper

70 100

42 27.2 30.7 46.1#

101 0.6 9.6 14.4#

130 0.4 22.0 33.0#

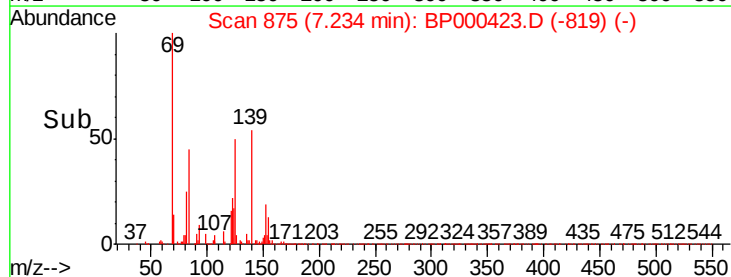
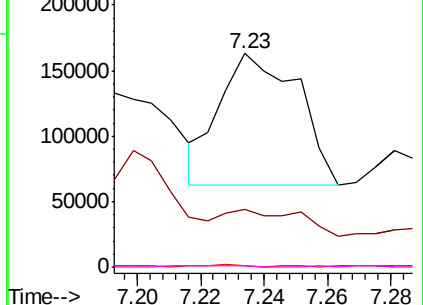


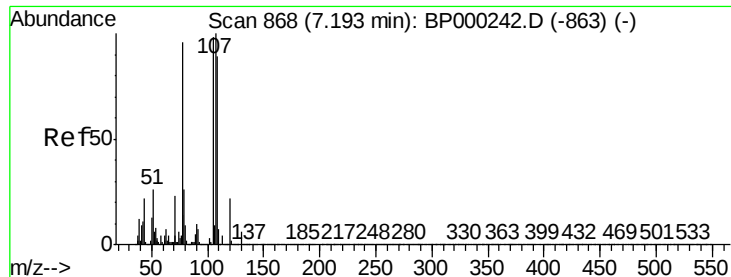
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 2.651 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.04 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 30583

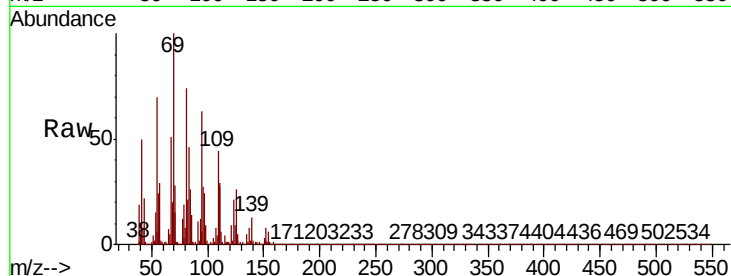
Ion Ratio Lower Upper

107 100

108 47.1 68.8 108.8#

77 158.6 75.7 115.7#

79 247.5 6.0 46.0#

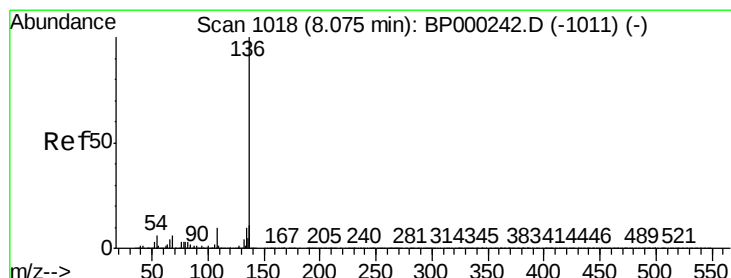
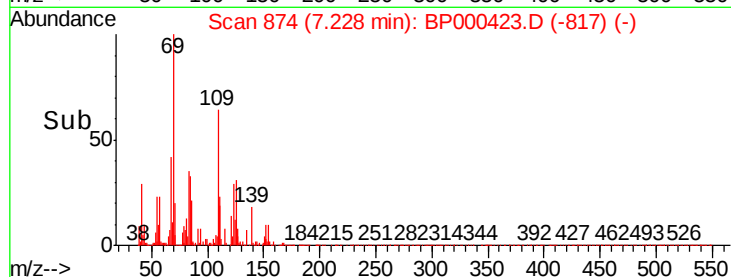
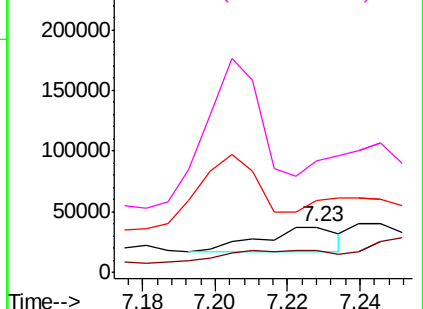


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Tgt Ion:136 Resp: 506553

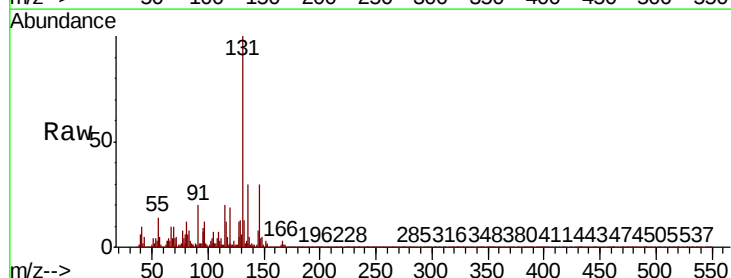
Ion Ratio Lower Upper

136 100

137 15.4 8.6 13.0#

54 10.7 4.5 6.7#

68 13.2 4.5 6.7#

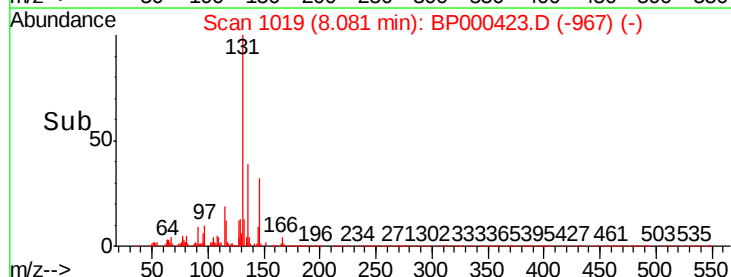
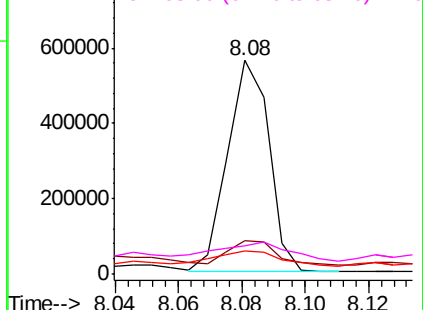


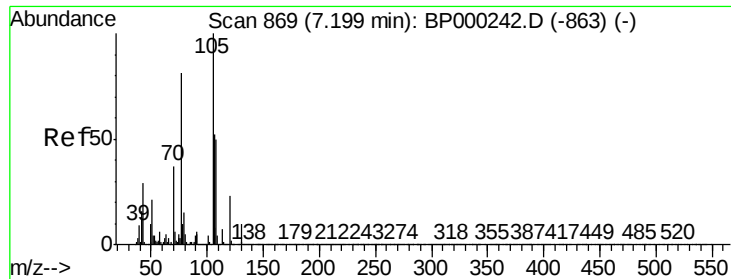
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

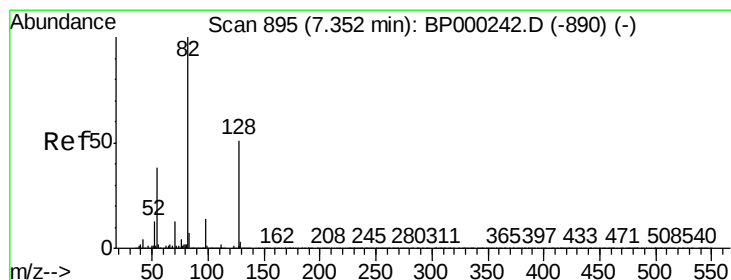
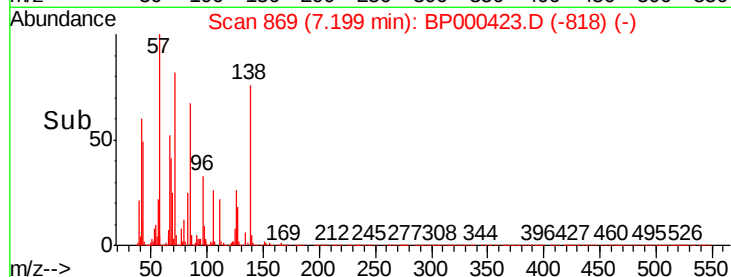
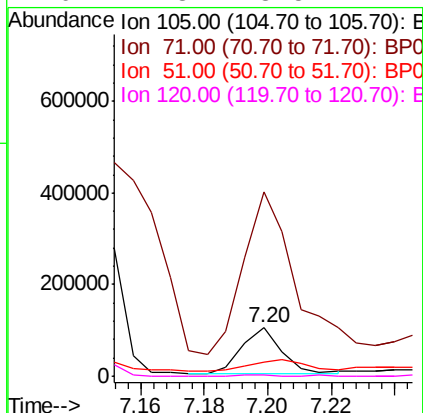
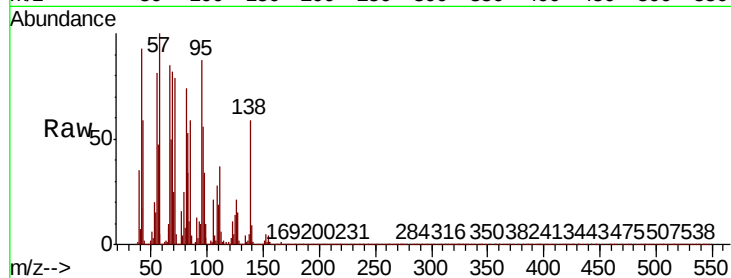




#22
Acetophenone
Concen: 7.829 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

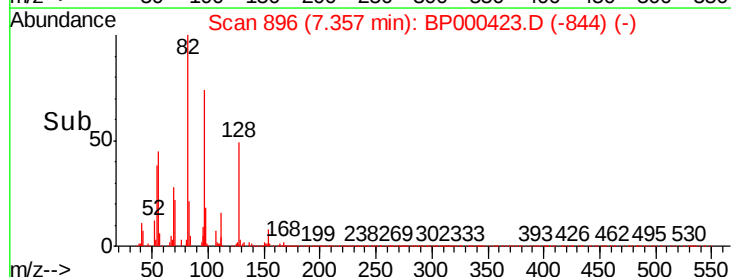
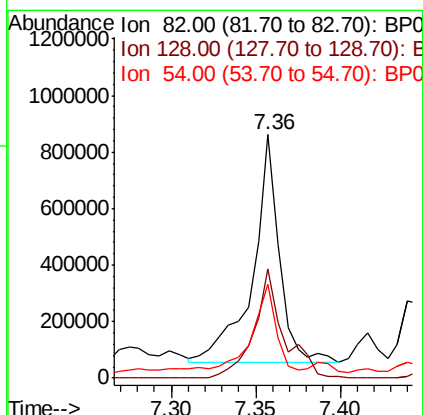
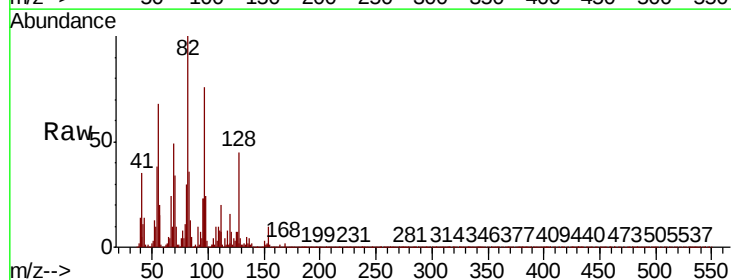
Instrument :
BNA_P
ClientSampleId :

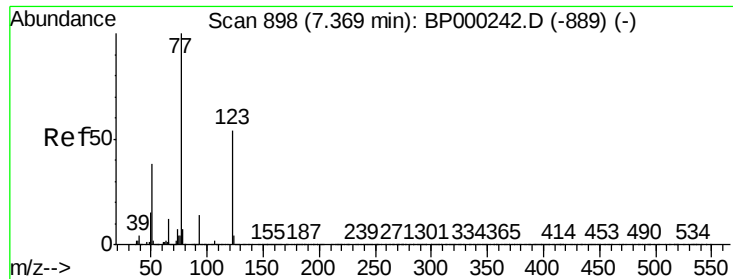
Tot Ion:105 Resp: 85941
Ion Ratio Lower Upper
105 100
71 381.5 5.2 7.8#
51 30.6 16.6 24.8#
120 1.8 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 113.271 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion: 82 Resp: 889310
Ion Ratio Lower Upper
82 100
128 45.0 40.7 61.1
54 38.3 30.1 45.1

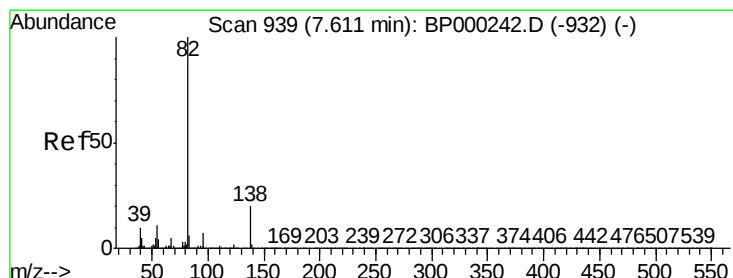
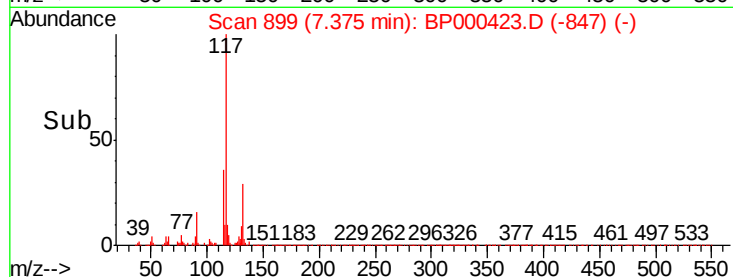
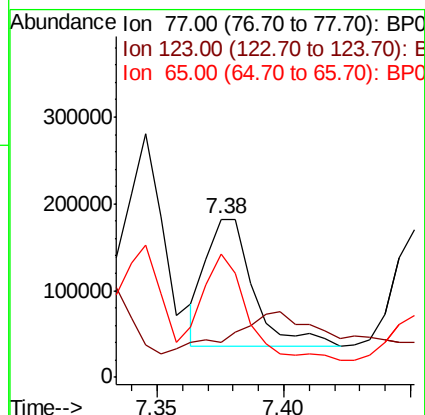
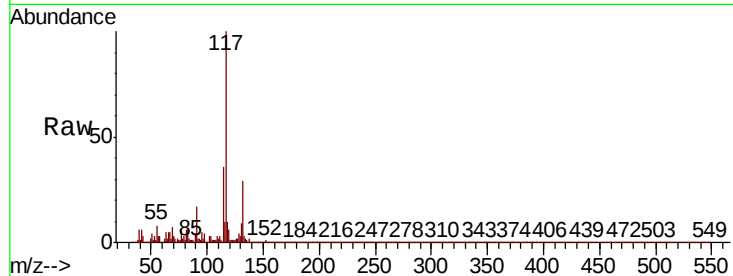




#24
Nitrobenzene
Concen: 23.269 ng
RT: 7.38 min Scan# 899
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

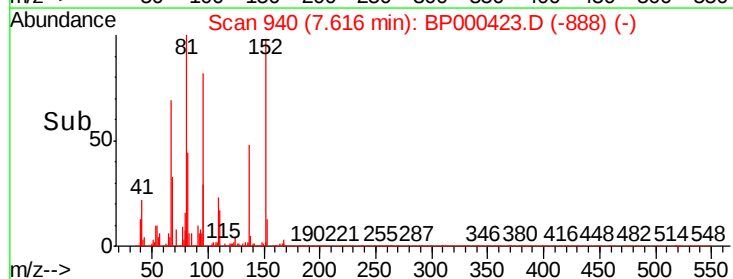
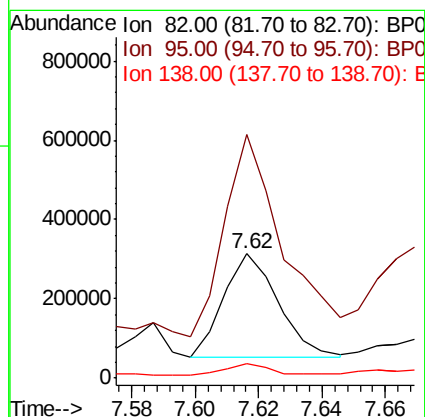
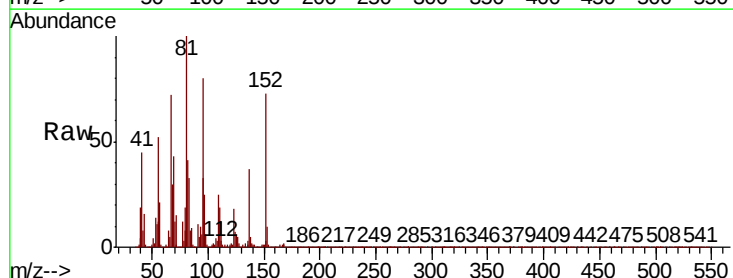
Instrument :
BNA_P
ClientSampled :

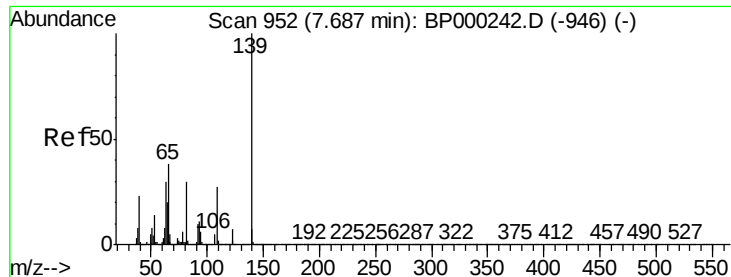
Tot Ion: 77 Resp: 189753
Ion Ratio Lower Upper
77 100
123 22.0 43.1 64.7#
65 78.1 9.4 14.2#



#25
Isophorone
Concen: 20.207 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion: 82 Resp: 314139
Ion Ratio Lower Upper
82 100
95 195.9 5.9 8.9#
138 11.6 15.9 23.9#





#26

2-Nitrophenol

Concen: 11.493 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.03 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

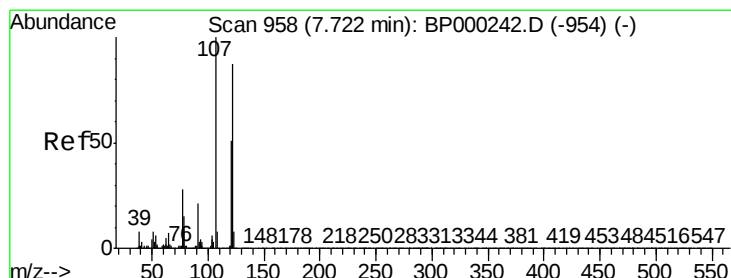
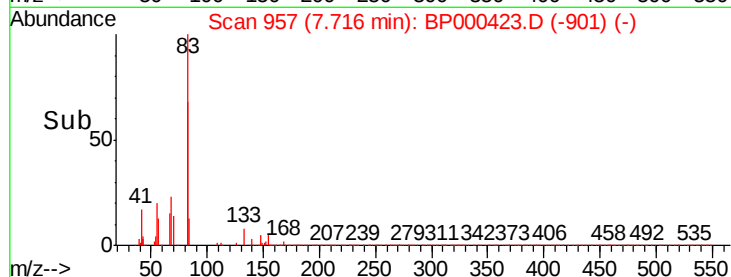
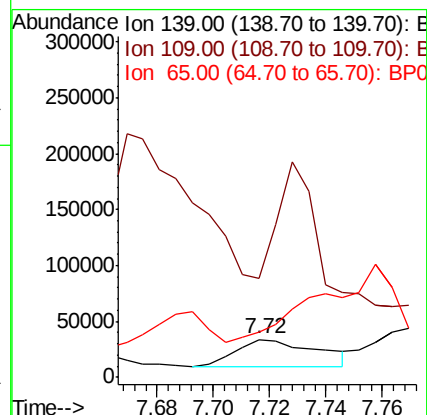
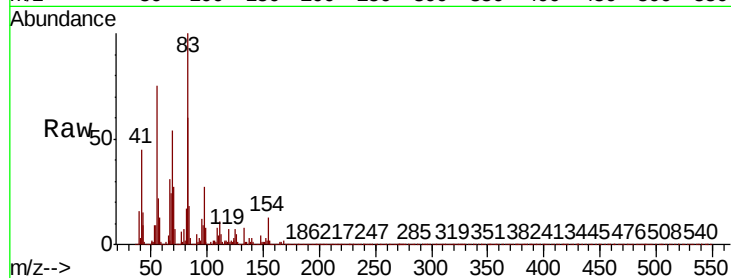
Tot Ion:139 Resp: 49686

Ion Ratio Lower Upper

139 100

109 259.7 21.8 32.6#

65 118.3 30.5 45.7#



#27

2,4-Dimethylphenol

Concen: 7.331 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.02 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

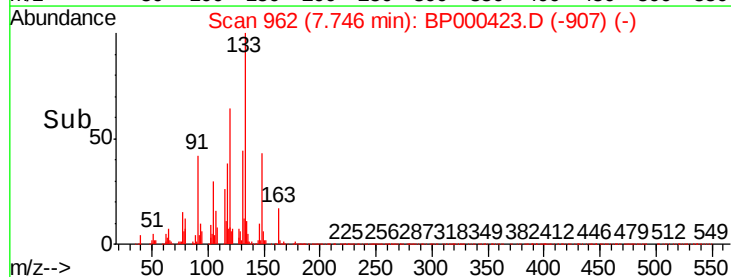
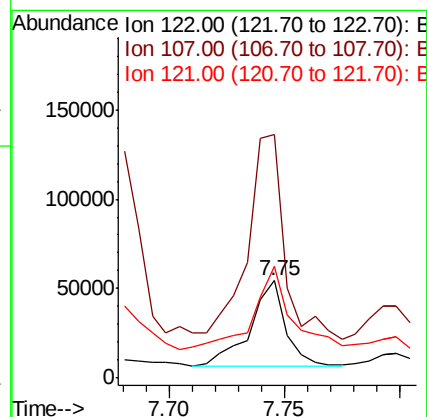
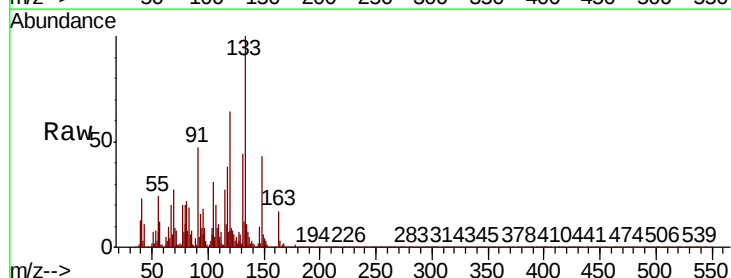
Tgt Ion:122 Resp: 50483

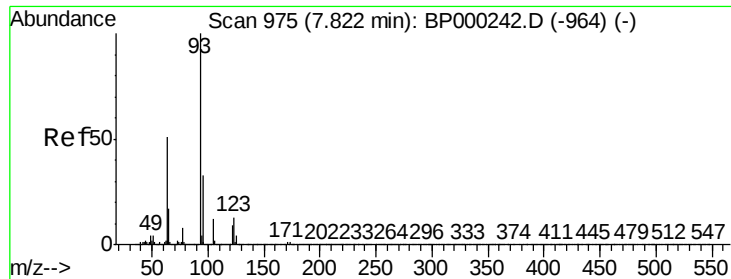
Ion Ratio Lower Upper

122 100

107 249.6 91.5 137.3#

121 114.4 46.9 70.3#

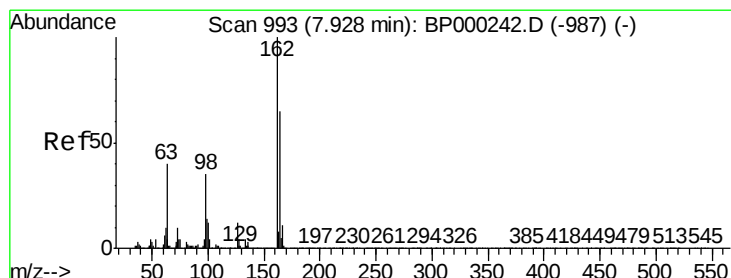
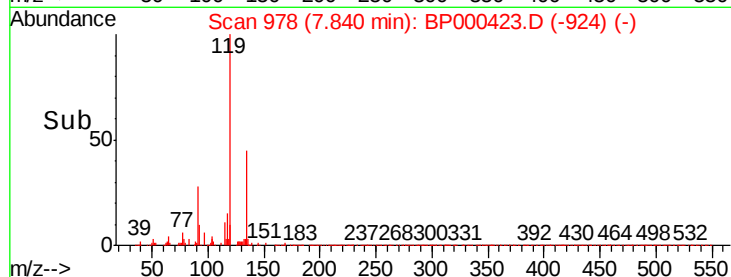
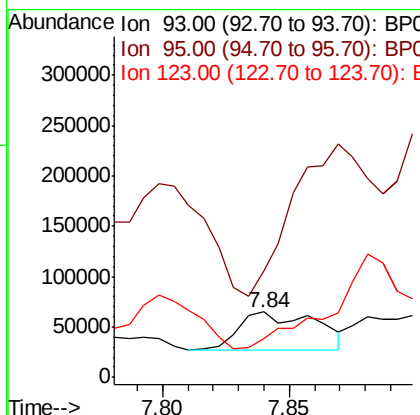
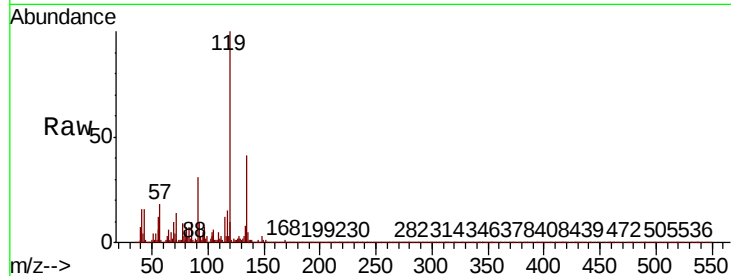




#28
bis(2-Chloroethoxy)methane
Concen: 7.765 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

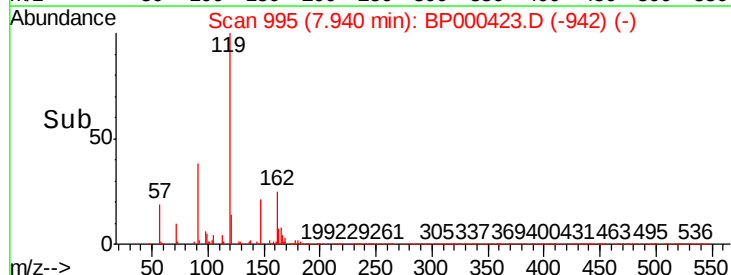
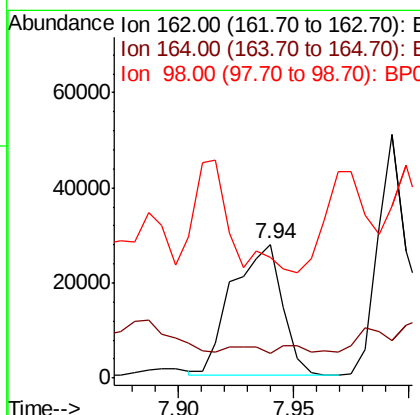
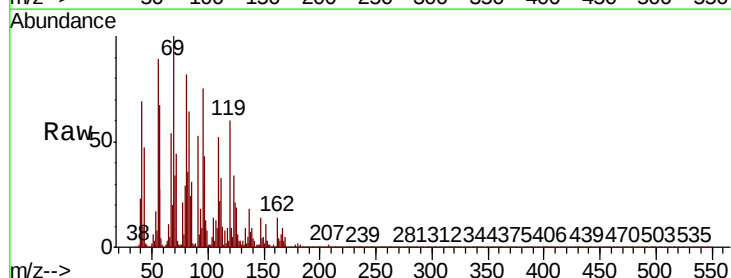
Instrument :
BNA_P
ClientSampleId :

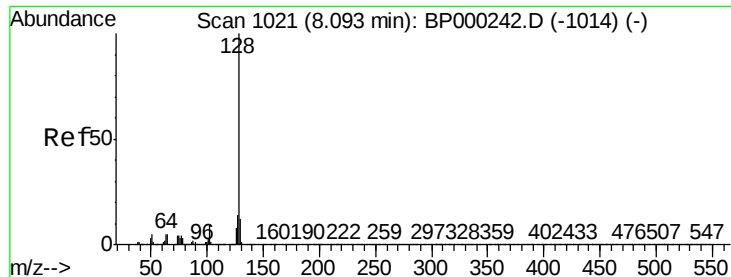
Tot Ion: 93 Resp: 80286
Ion Ratio Lower Upper
93 100
95 164.4 26.2 39.4#
123 59.9 10.2 15.2#



#29
2,4-Dichlorophenol
Concen: 5.673 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:162 Resp: 41870
Ion Ratio Lower Upper
162 100
164 18.4 44.5 84.5#
98 90.3 15.2 55.2#

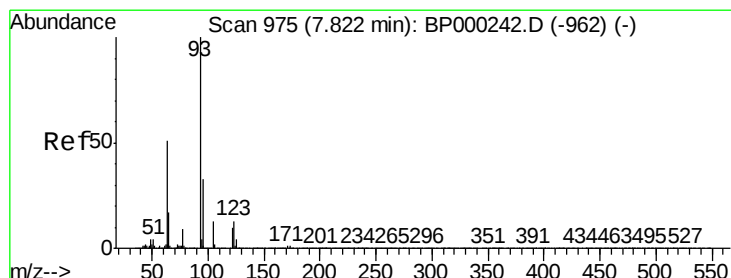
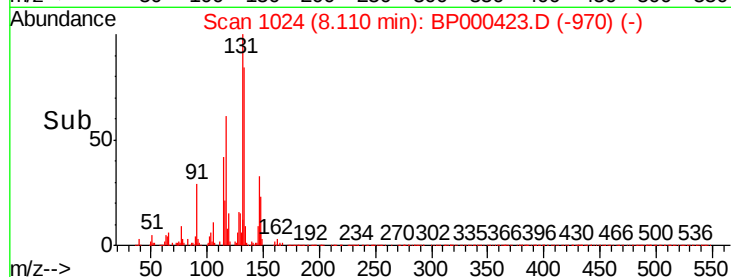
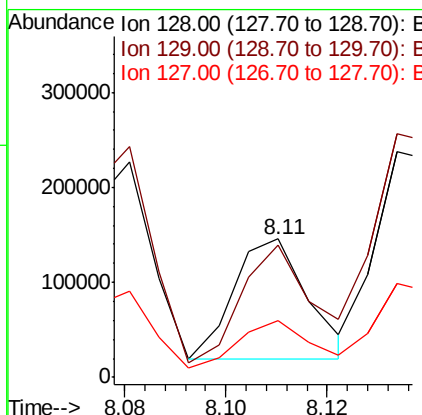
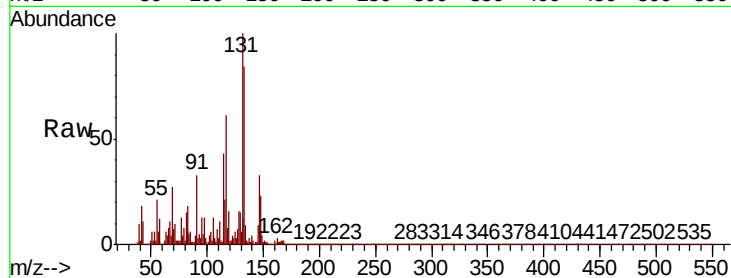




#31
Naphthalene
Concen: 5.417 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

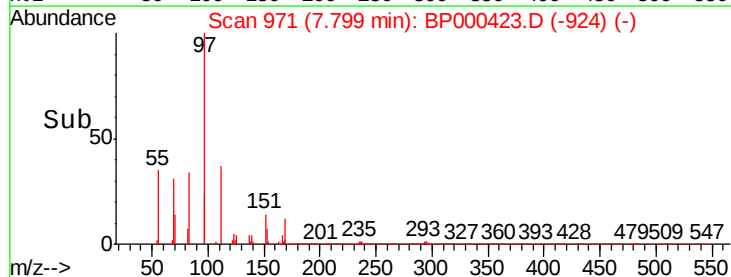
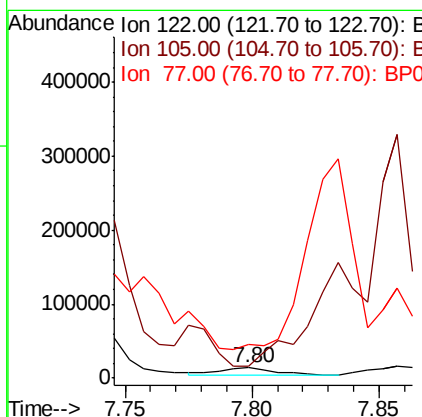
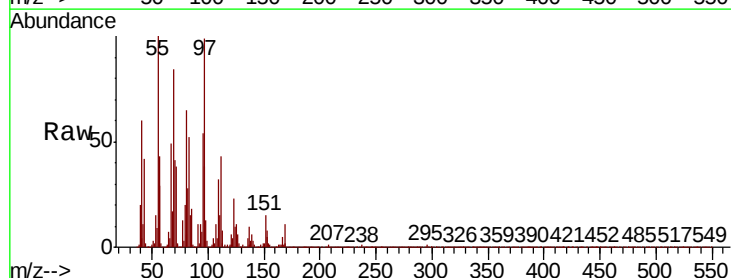
Instrument :
BNA_P
ClientSampled :

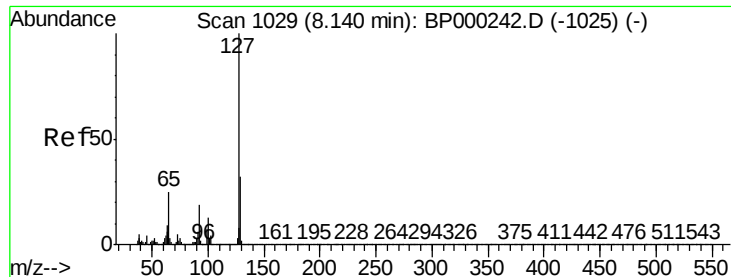
Tot Ion:128 Resp: 127074
Ion Ratio Lower Upper
128 100
129 95.7 9.2 13.8#
127 41.1 11.0 16.6#



#32
Benzoic acid
Concen: 3.148 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:122 Resp: 14637
Ion Ratio Lower Upper
122 100
105 109.5 105.4 145.4
77 319.8 65.3 105.3#

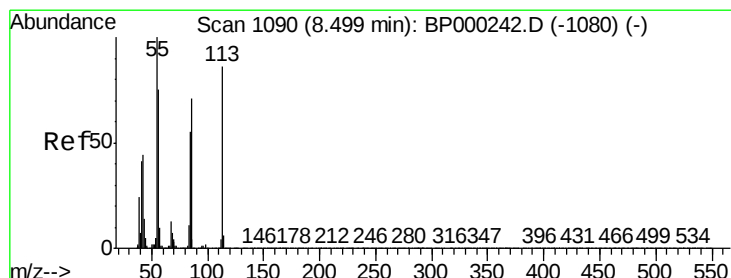
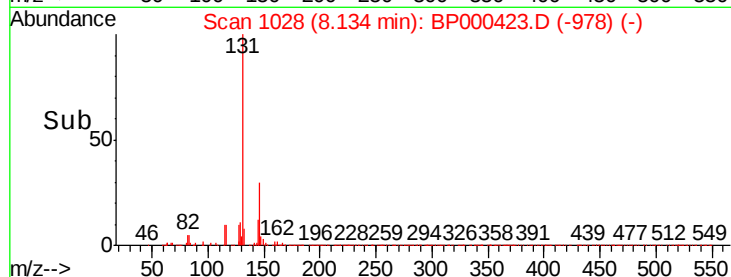
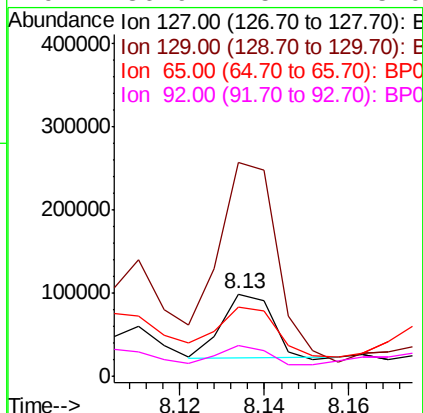
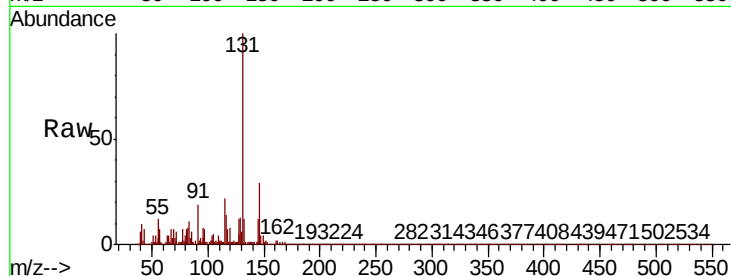




#33
4-Chloroaniline
Concen: 5.823 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

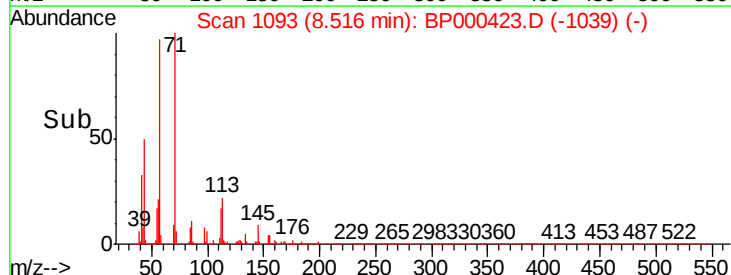
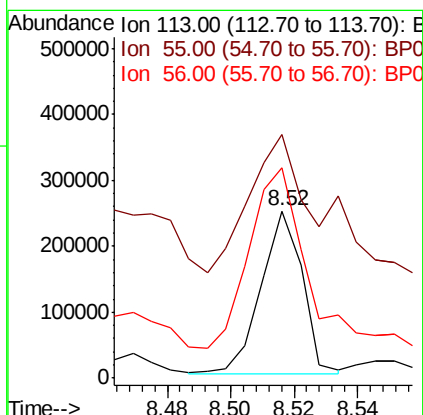
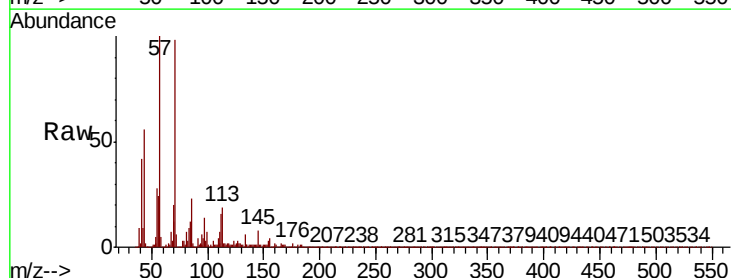
Instrument :
BNA_P
ClientSampleId :

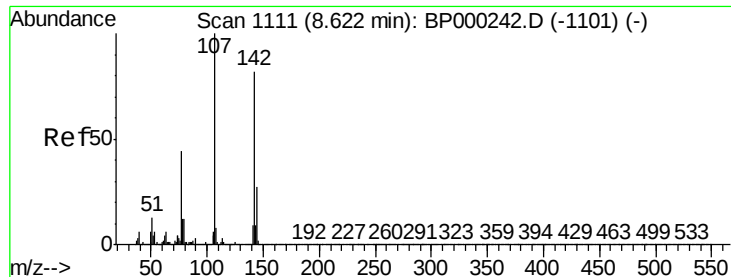
Tot Ion:127	Resp:	61822
Ion Ratio	Lower	Upper
127	100	
129	259.8	25.7 38.5#
65	84.6	19.9 29.9#
92	36.9	15.4 23.0#



#35
Caprolactam
Concen: 88.979 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:113	Resp:	223398
Ion Ratio	Lower	Upper
113	100	
55	145.9	96.8 136.8#
56	126.3	67.5 107.5#

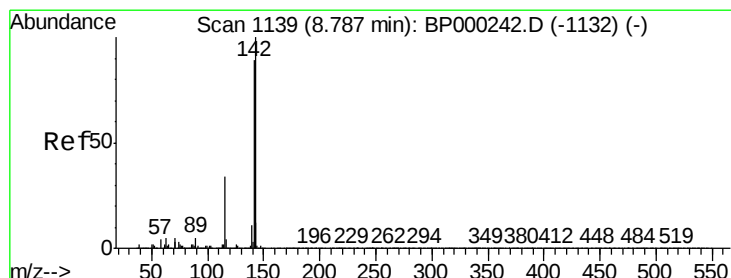
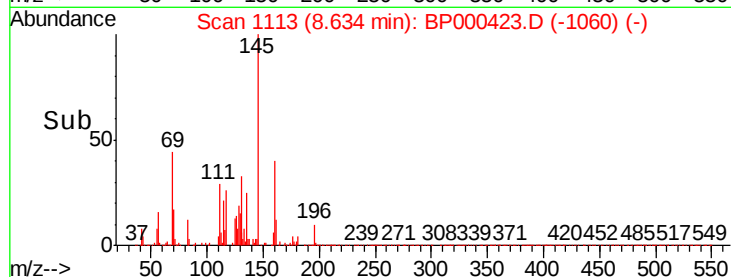
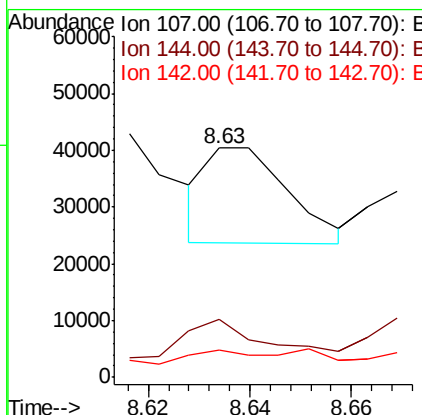
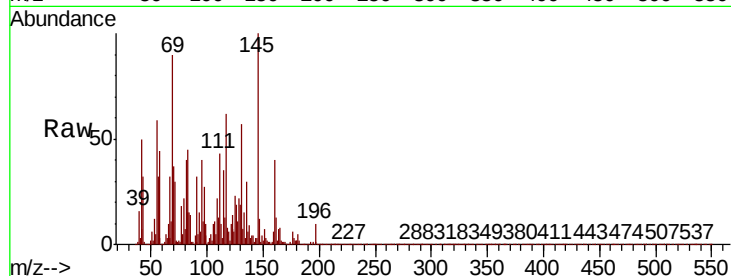




#36
4-Chloro-3-methylphenol
Concen: 2.462 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

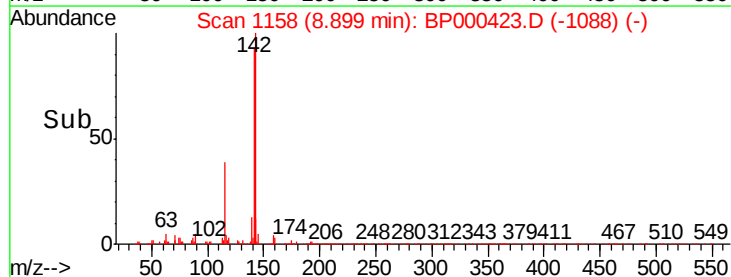
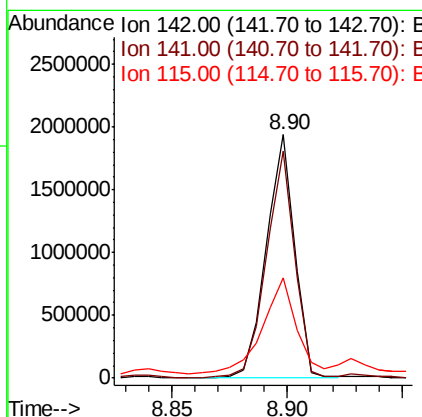
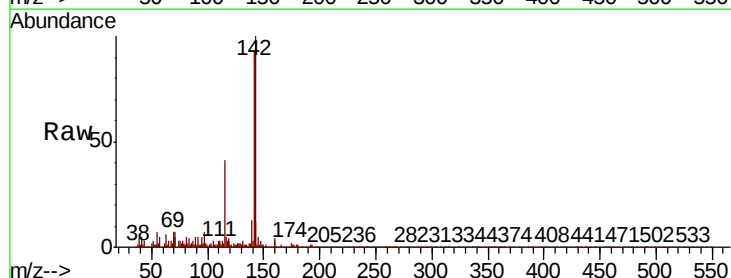
Instrument :
BNA_P
ClientSampled :

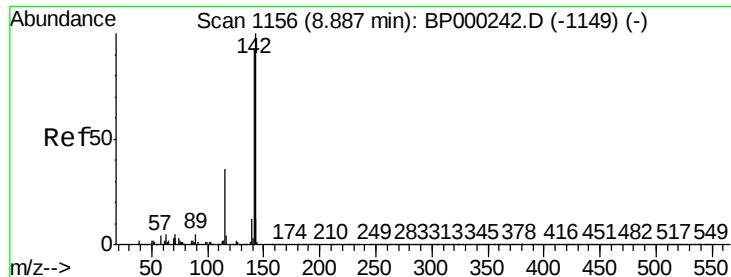
Tot Ion:107 Resp: 18445
Ion Ratio Lower Upper
107 100
144 25.4 21.5 32.3
142 11.8 65.7 98.5#



#37
2-Methylnaphthalene
Concen: 102.730 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.11 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:142 Resp: 1647537
Ion Ratio Lower Upper
142 100
141 93.2 71.3 106.9
115 41.1 27.2 40.8#

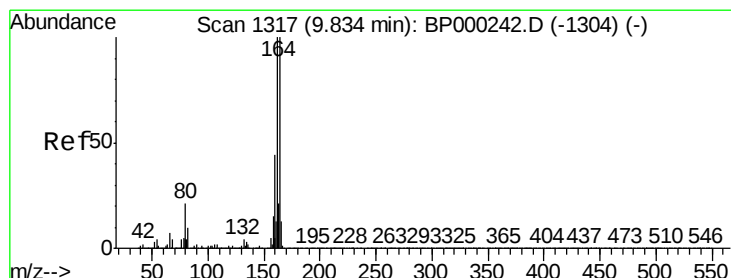
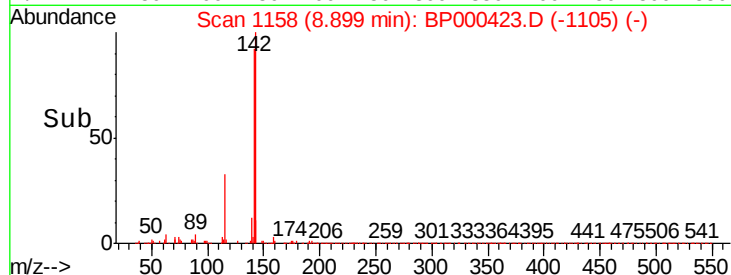
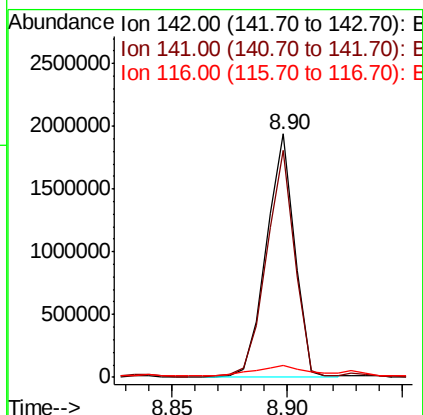
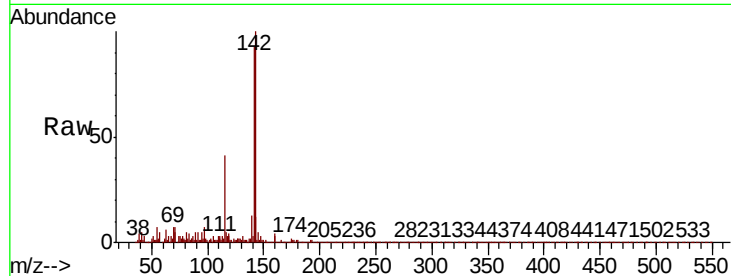




#38
1-Methylnaphthalene
Concen: 109.668 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

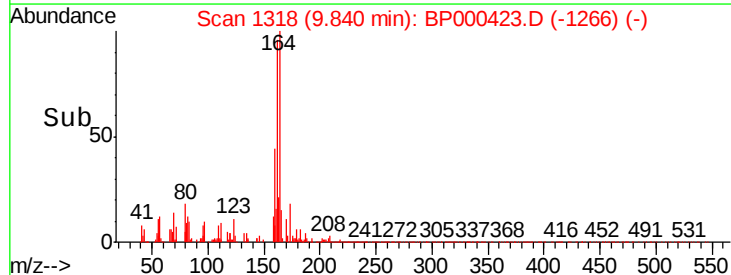
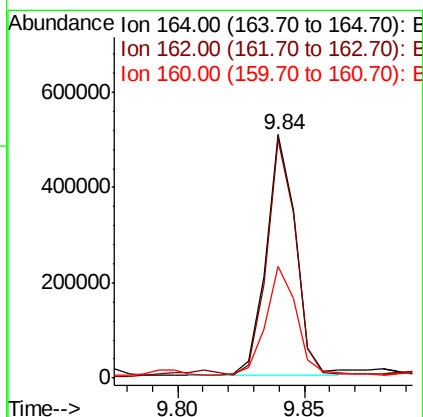
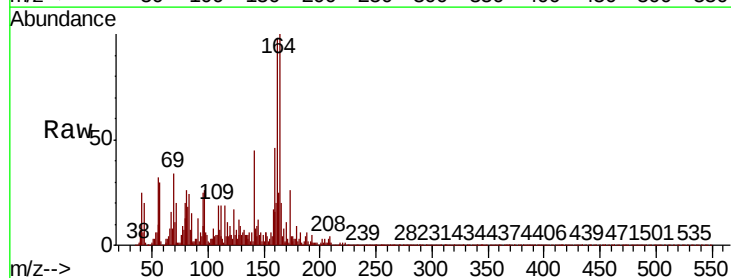
Instrument :
BNA_P
ClientSampled :

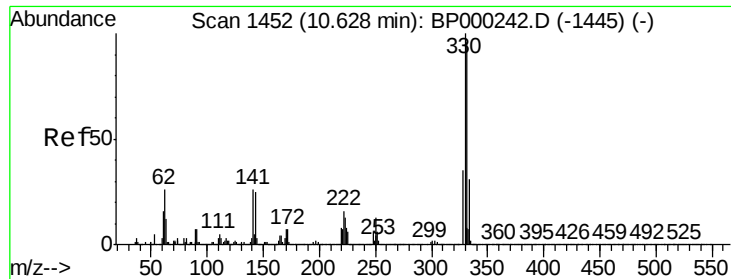
Tot Ion:142 Resp: 1647537
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9
116 5.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:164 Resp: 411116
Ion Ratio Lower Upper
164 100
162 97.8 79.9 119.9
160 45.9 35.6 53.4

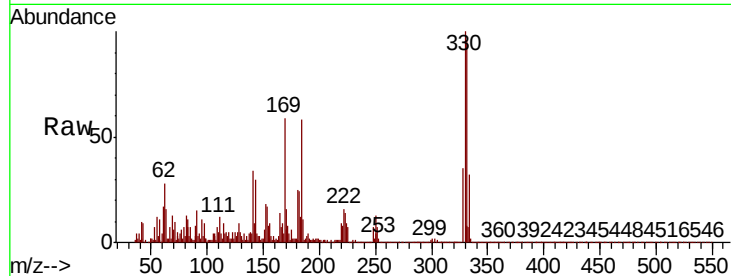




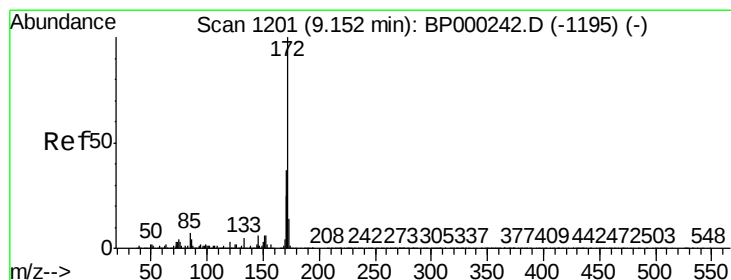
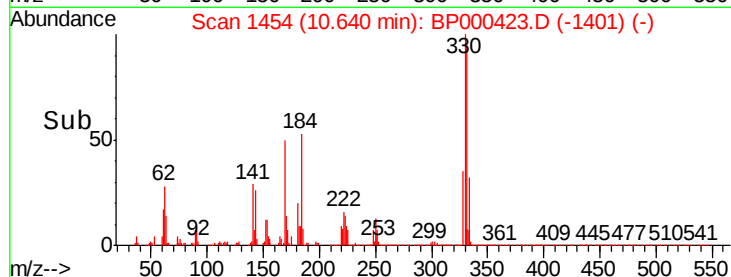
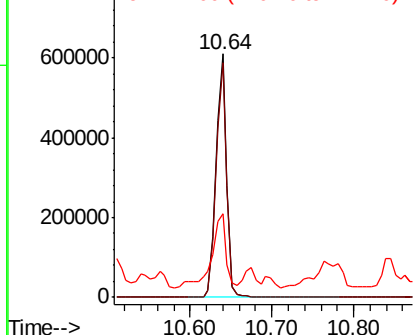
#42
2,4,6-Tribromophenol
Concen: 135.459 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 552362
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 42.3 26.5 39.7#

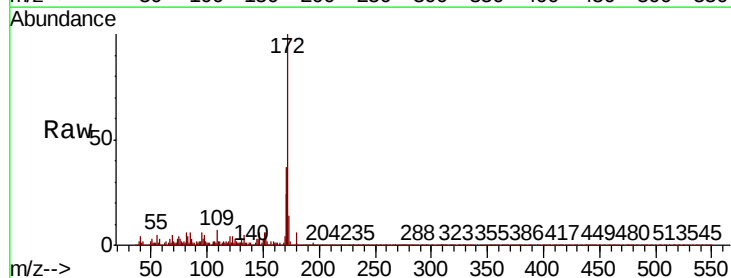


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

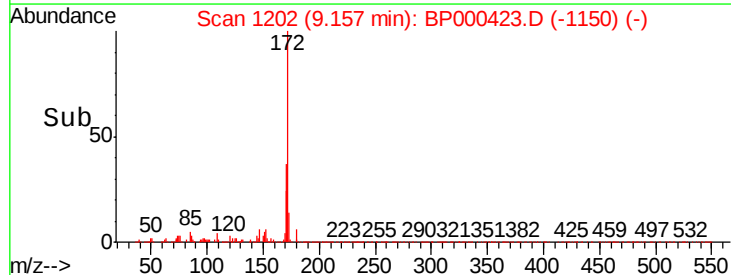
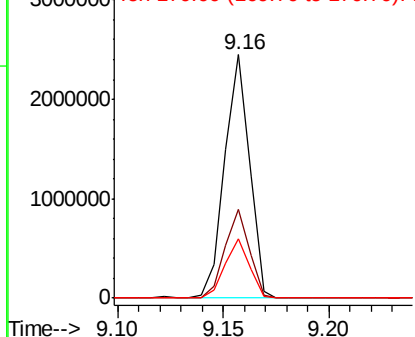


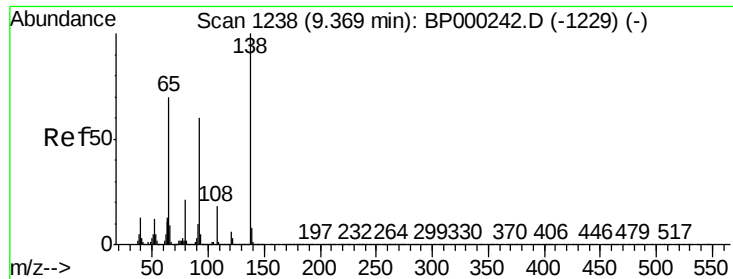
#45
2-Fluorobiphenyl
Concen: 86.701 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:172 Resp: 1980451
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.3 19.8 29.6



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

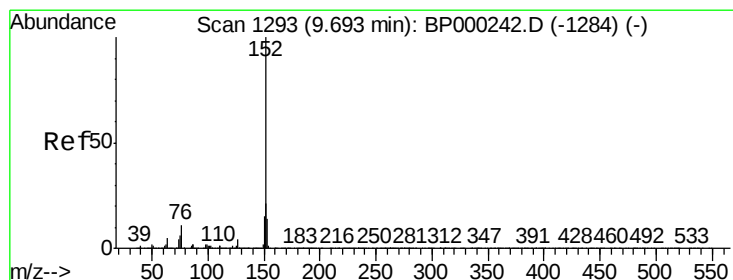
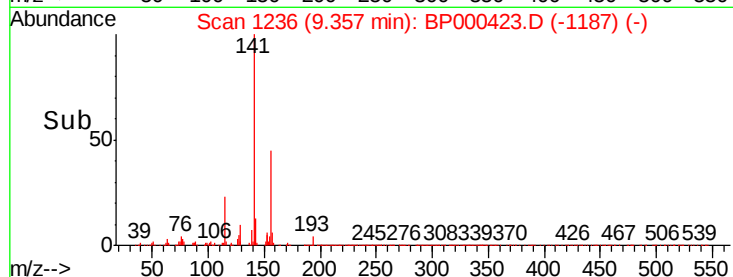
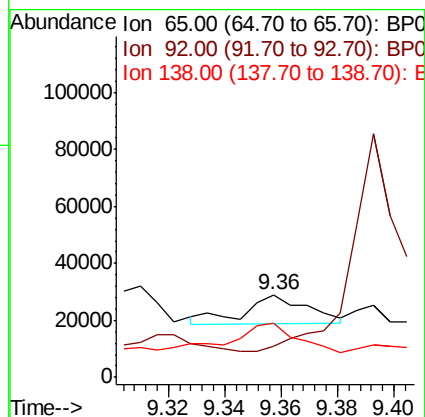
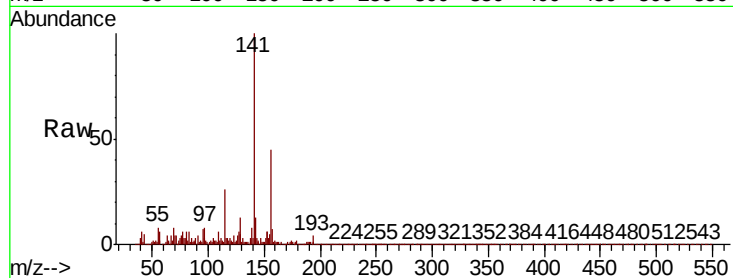




#48
2-Nitroaniline
Concen: 2.612 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

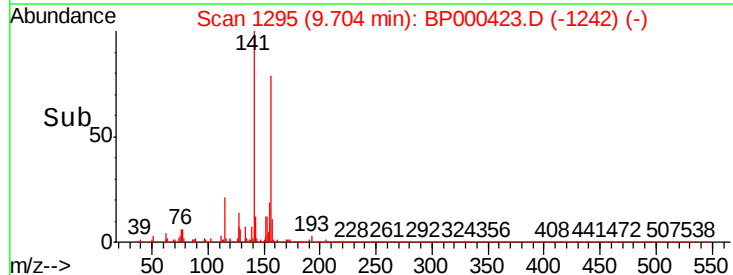
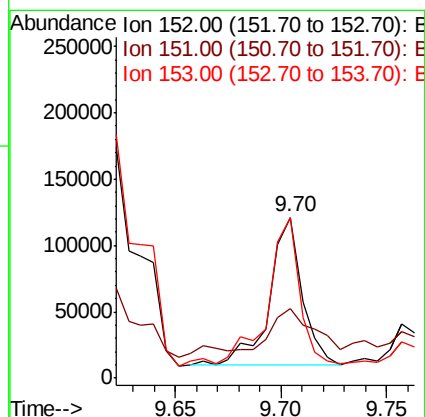
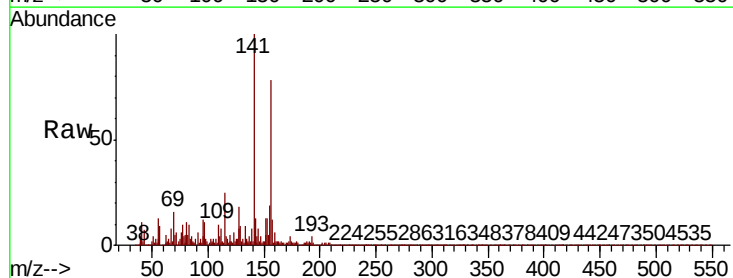
Instrument :
BNA_P
ClientSampleId :

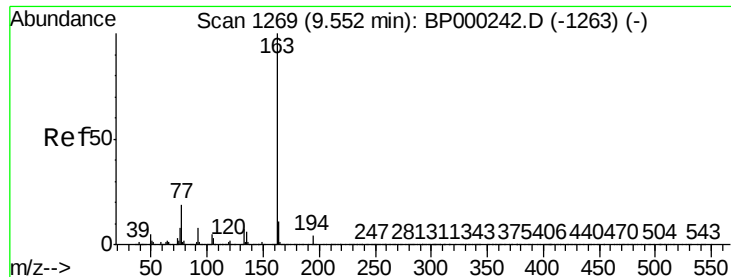
Tot Ion: 65 Resp: 15822
Ion Ratio Lower Upper
65 100
92 37.2 68.7 103.1#
138 65.3 114.4 171.6#



#49
Acenaphthylene
Concen: 3.368 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion: 152 Resp: 120795
Ion Ratio Lower Upper
152 100
151 43.5 16.4 24.6#
153 99.7 11.0 16.4#





#50

Dimethylphthalate

Concen: 10.103 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampled :

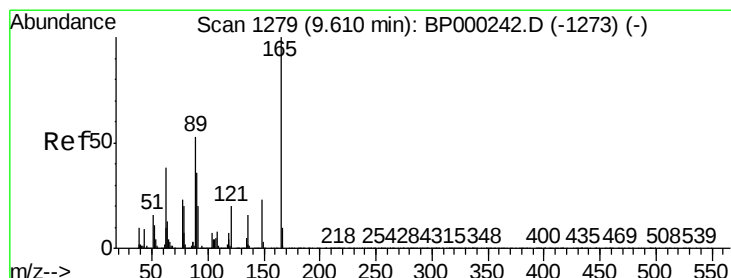
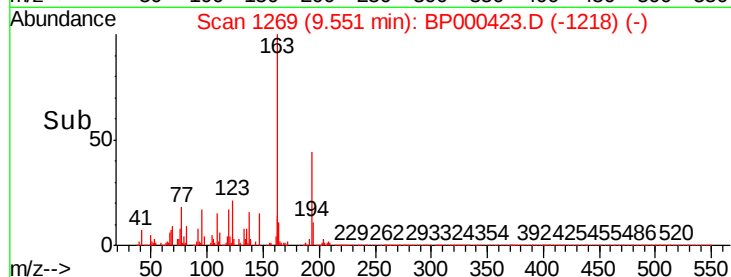
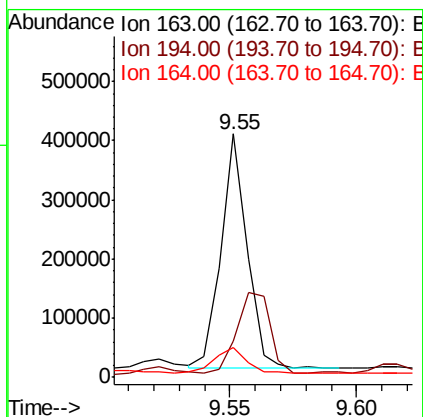
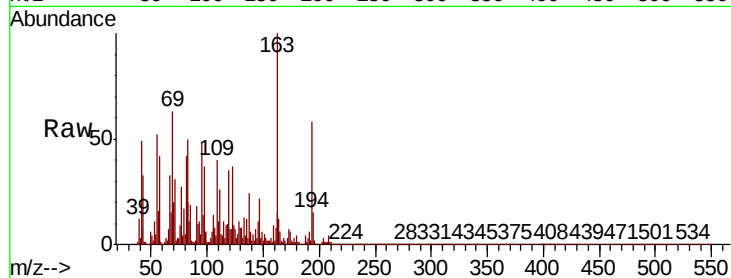
Tot Ion:163 Resp: 282976

Ion Ratio Lower Upper

163 100

194 14.9 3.4 5.0#

164 12.4 8.5 12.7



#51

2,6-Dinitrotoluene

Concen: 2.202 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

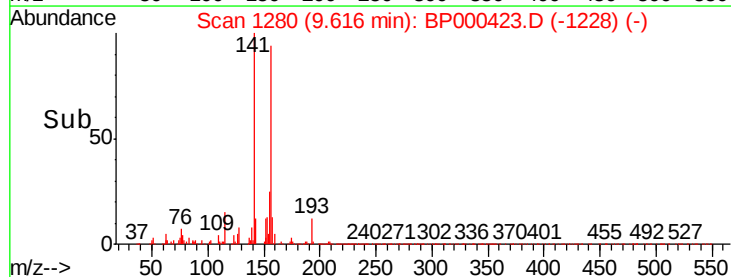
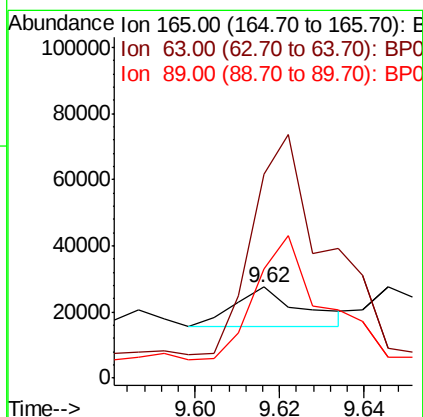
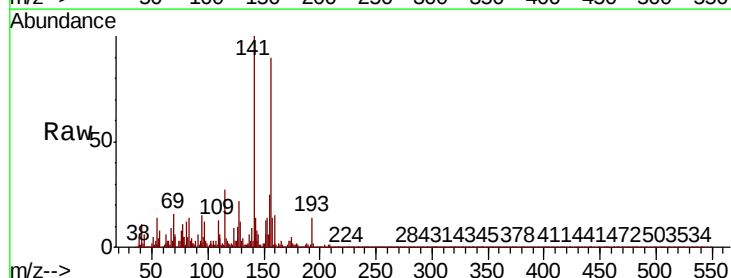
Tgt Ion:165 Resp: 13559

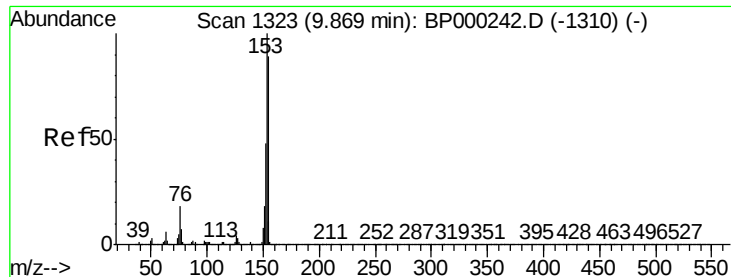
Ion Ratio Lower Upper

165 100

63 223.8 35.8 53.8#

89 120.2 42.6 63.8#





#52

Acenaphthene

Concen: 8.612 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

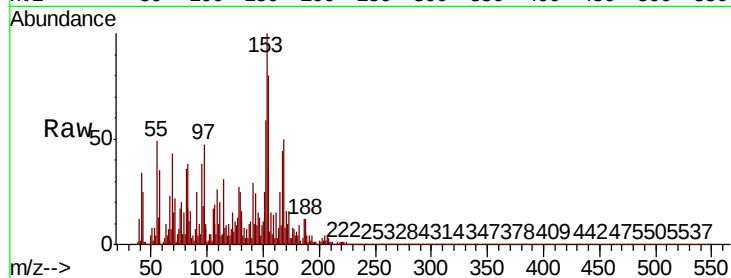
Tot Ion:154 Resp: 194887

Ion Ratio Lower Upper

154 100

153 124.3 89.8 134.6

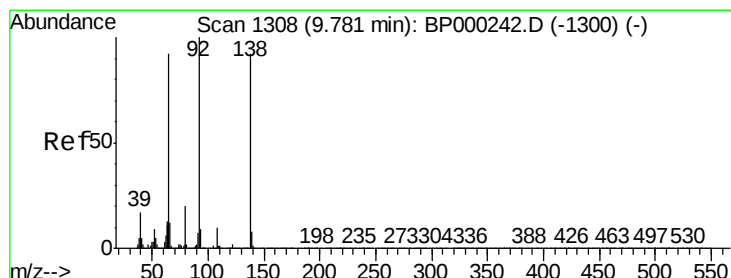
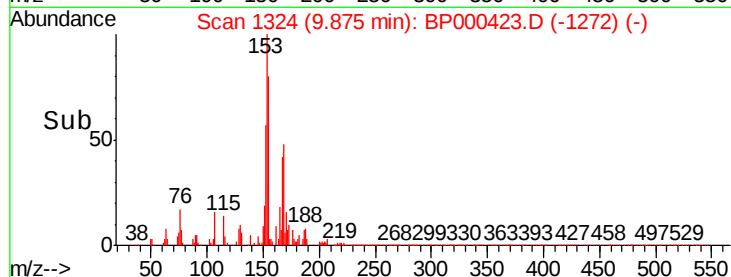
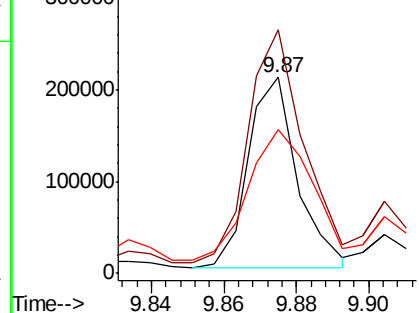
152 73.3 43.4 65.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.805 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

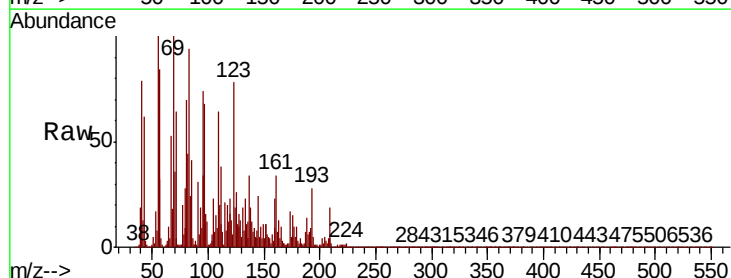
Tgt Ion:138 Resp: 27203

Ion Ratio Lower Upper

138 100

108 45.8 9.1 13.7#

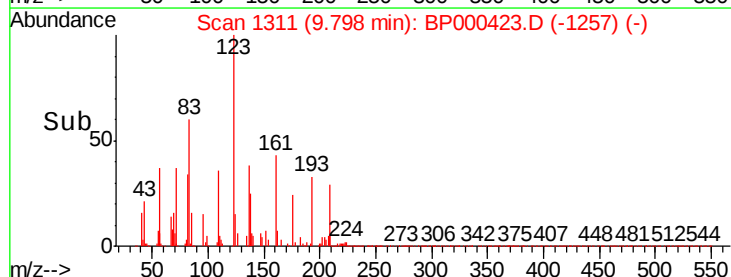
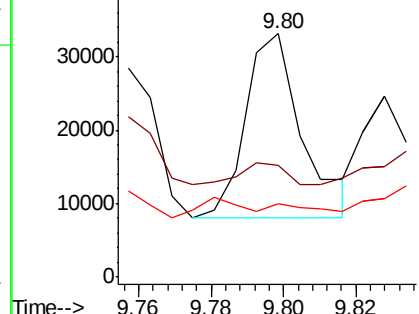
92 30.1 86.7 130.1#

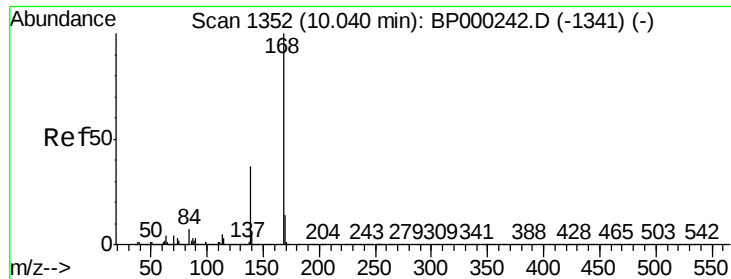


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BPO

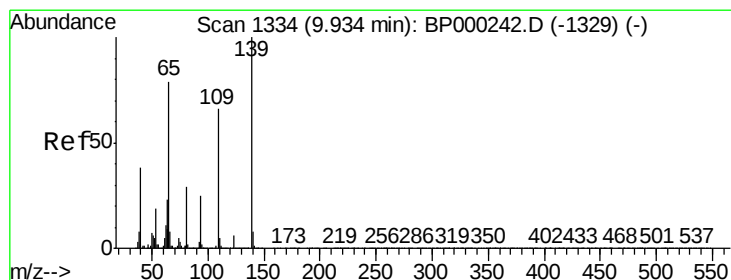
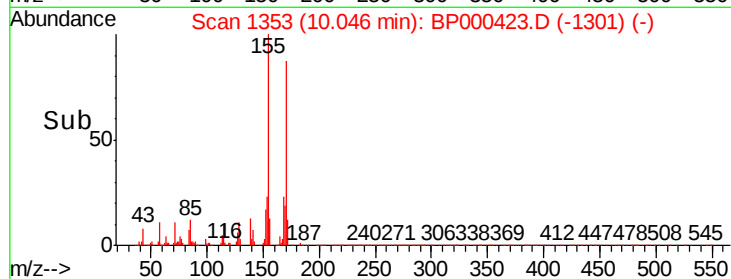
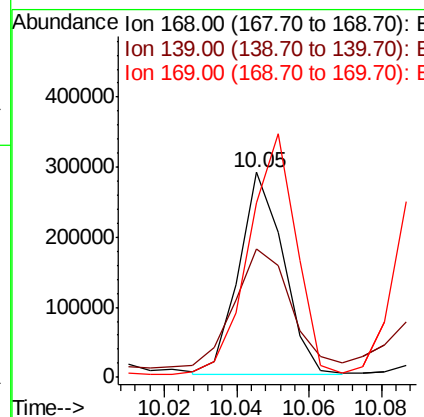
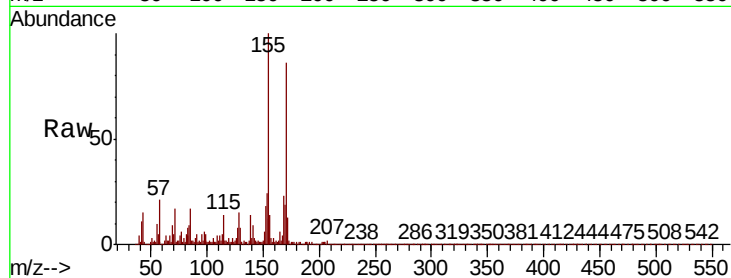




#55
Dibenzofuran
Concen: 7.723 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

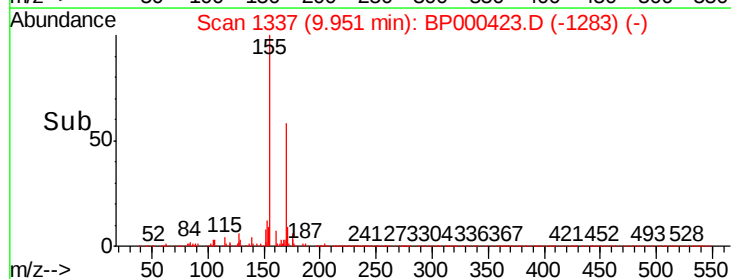
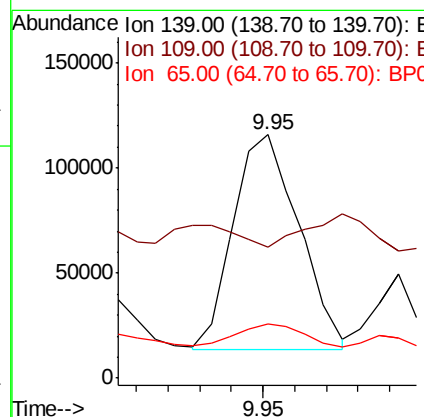
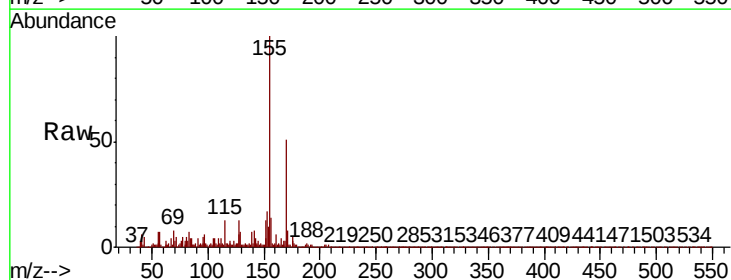
Instrument :
BNA_P
ClientSampleId :

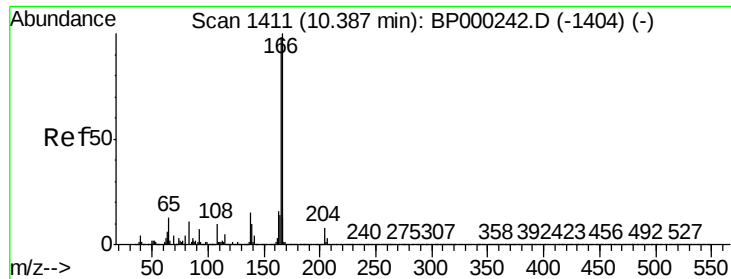
Tot Ion	Ratio	Lower	Upper
168	100		
139	62.8	30.0	45.0#
169	85.2	11.0	16.6#



#56
4-Nitrophenol
Concen: 27.455 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.8	46.2	86.2
65	22.1	59.4	99.4#





#58

Fluorene

Concen: 15.261 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

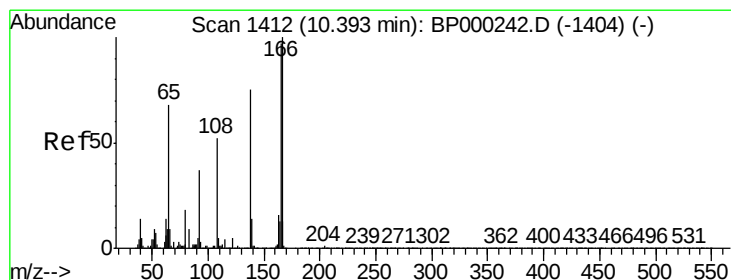
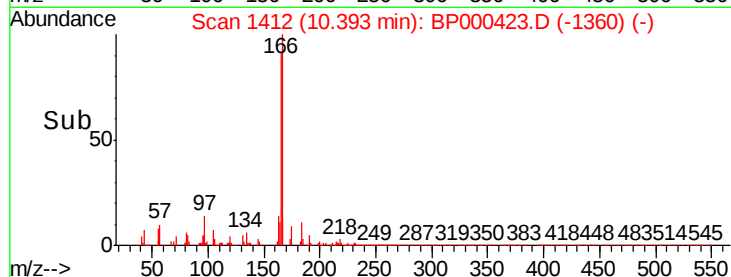
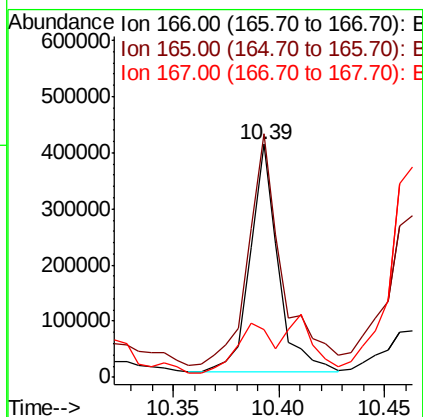
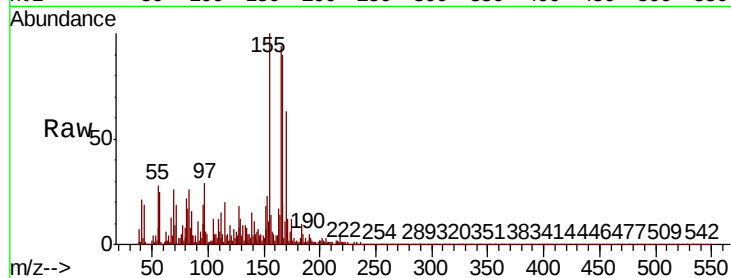
Tot Ion:166 Resp: 377117

Ion Ratio Lower Upper

166 100

165 104.5 78.2 117.2

167 20.8 10.7 16.1#



#62

4-Nitroaniline

Concen: 2.388 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.13 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

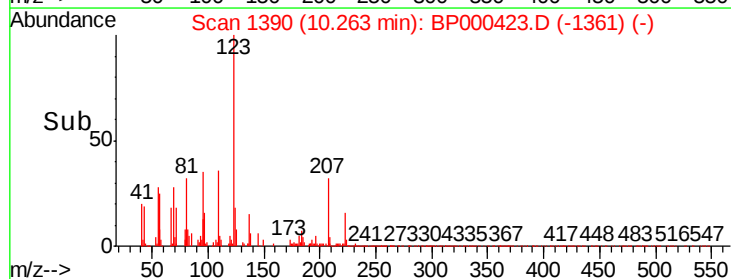
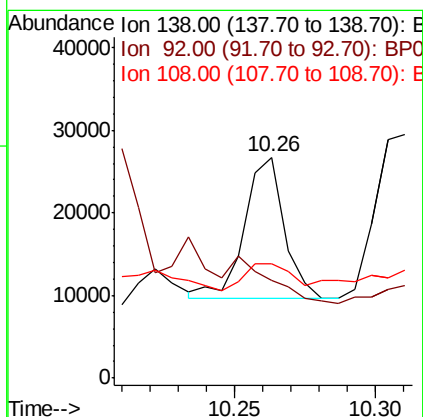
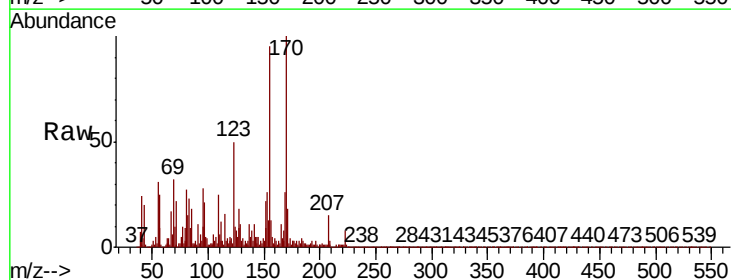
Tgt Ion:138 Resp: 16792

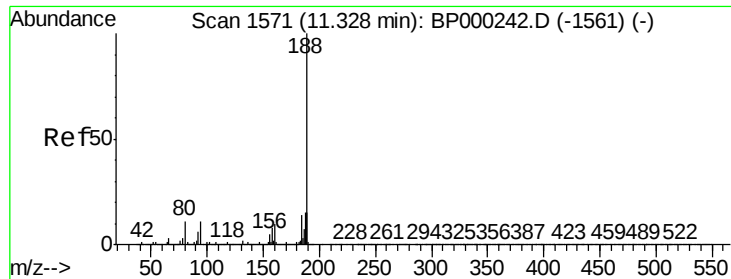
Ion Ratio Lower Upper

138 100

92 44.4 30.1 70.1

108 51.6 49.5 89.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampled :

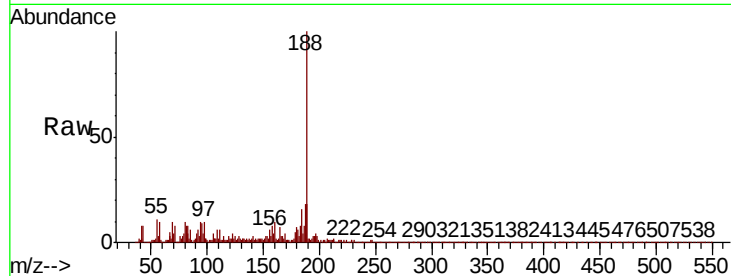
Tot Ion:188 Resp: 763758

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

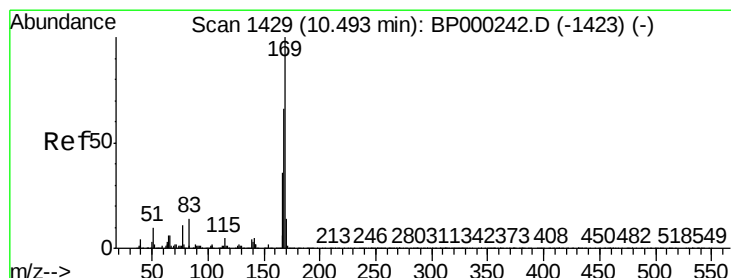
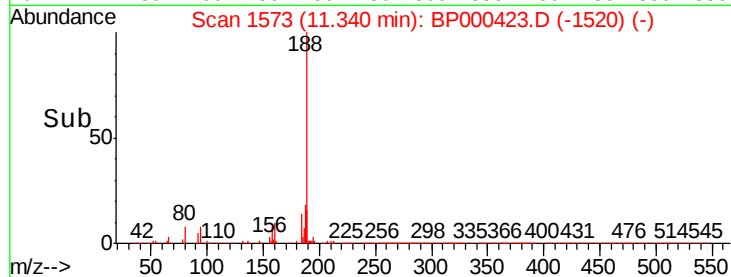
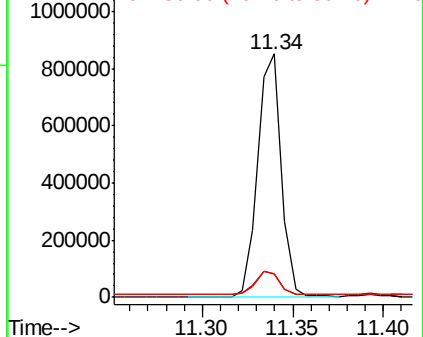
80 9.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#66

n-Nitrosodiphenylamine

Concen: 22.108 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

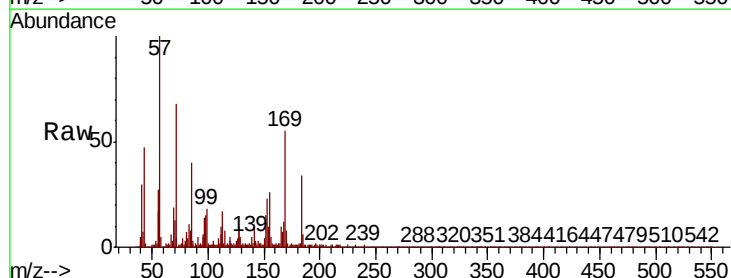
Tgt Ion:169 Resp: 508302

Ion Ratio Lower Upper

169 100

168 21.9 52.9 79.3#

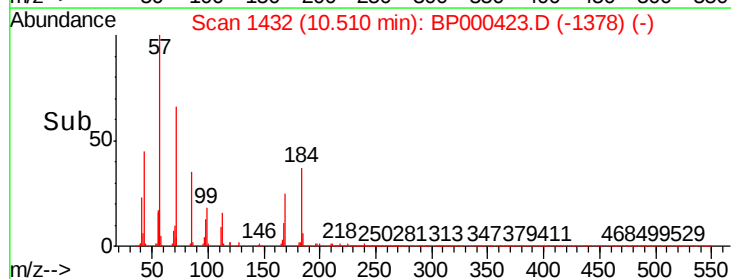
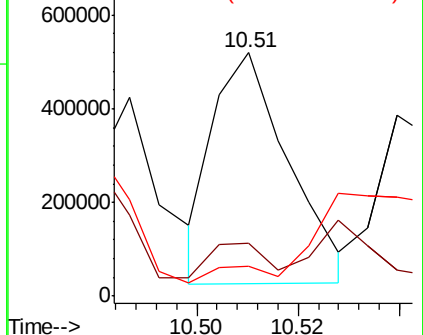
167 12.5 29.0 43.6#

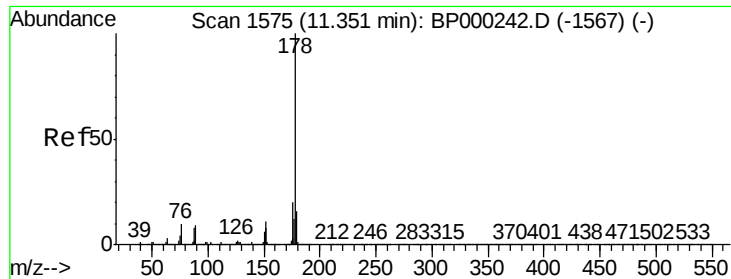


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

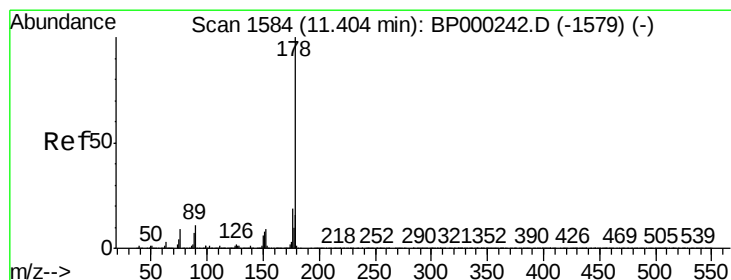
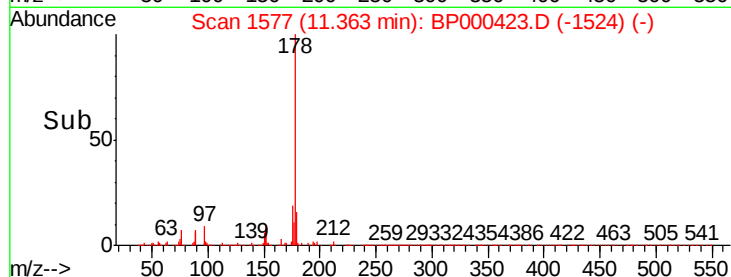
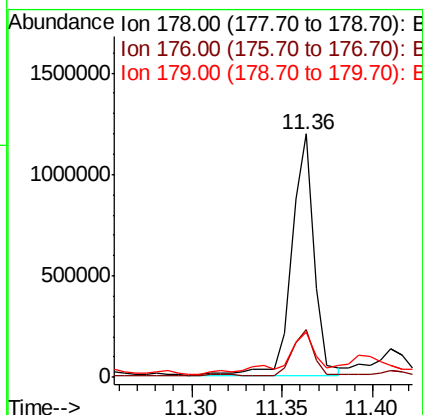
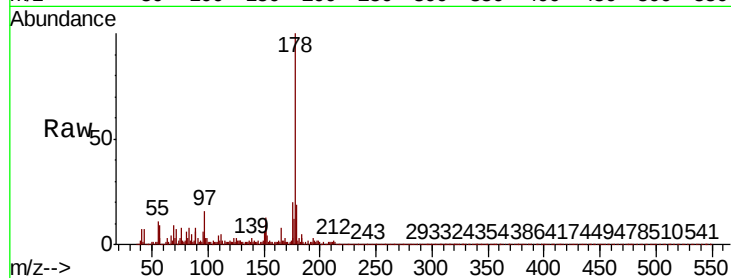




#71
Phenanthrene
Concen: 26.821 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

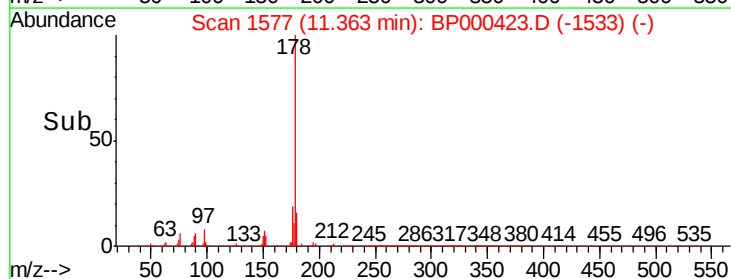
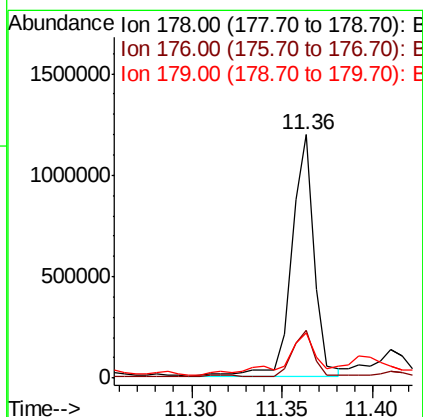
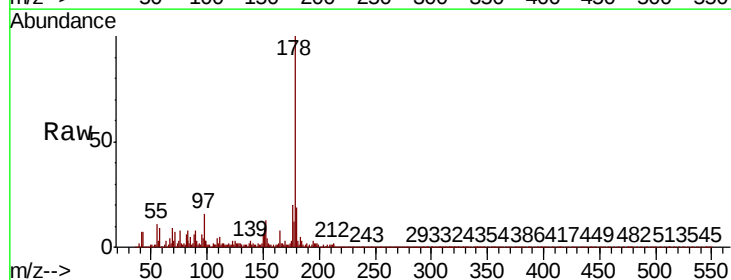
Instrument :
BNA_P
ClientSampleId :

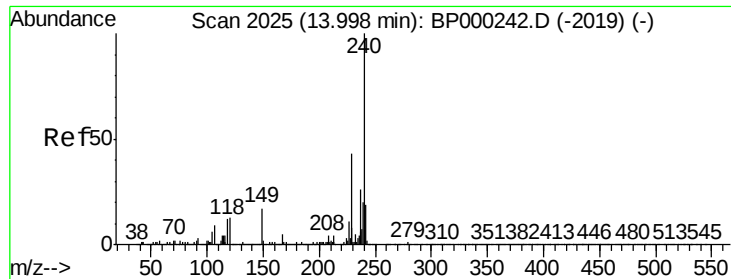
Tot Ion:178 Resp: 1026537
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 18.8 12.7 19.1



#72
Anthracene
Concen: 26.057 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion:178 Resp: 1026537
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 18.8 12.7 19.1

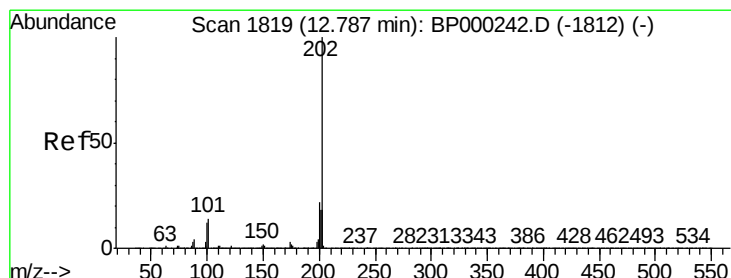
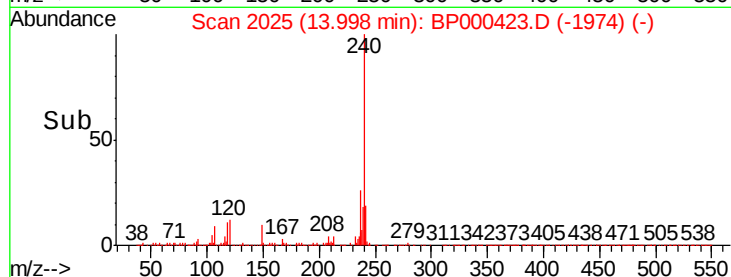
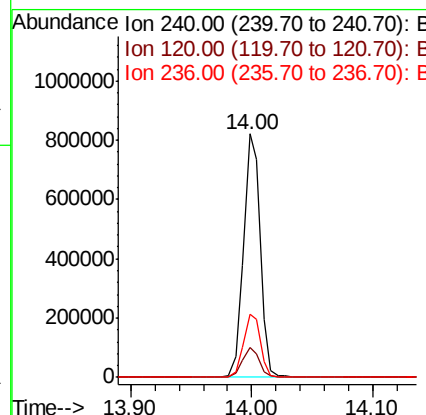
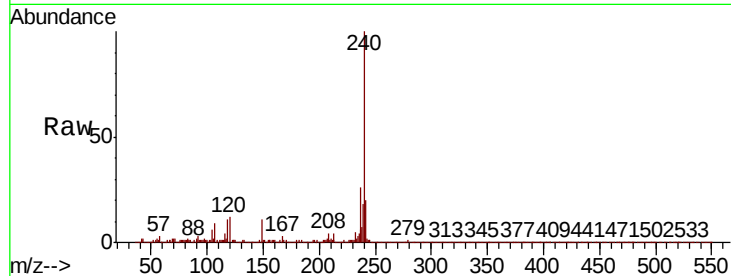




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

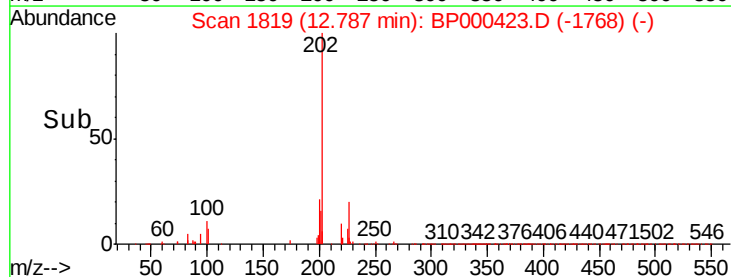
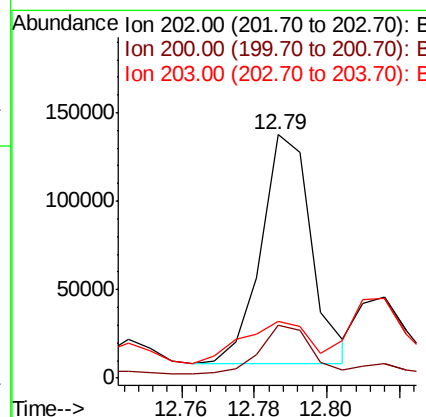
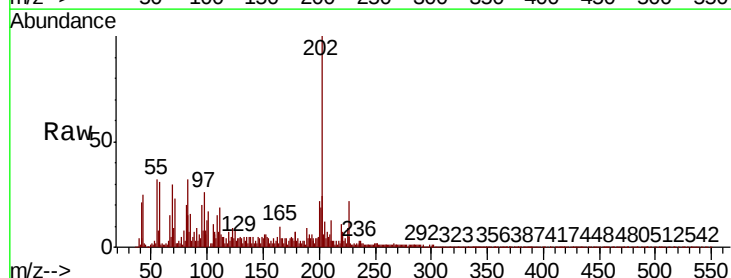
Instrument :
BNA_P
ClientSampleId :

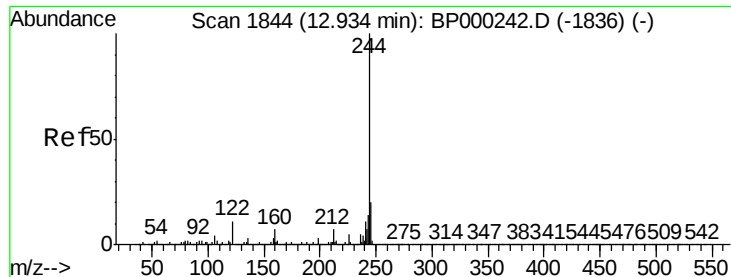
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	25.7	21.0	31.6



#78
Pyrene
Concen: 2.113 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	23.6	14.3	21.5





#79

Terphenyl-d14

Concen: 75.559 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

Instrument :

BNA_P

ClientSampleId :

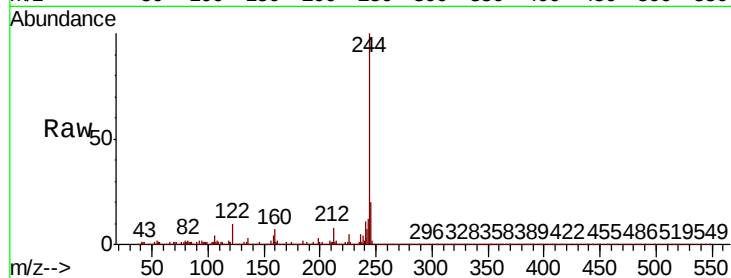
Tot Ion:244 Resp: 2853898

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 10.4 9.0 13.4

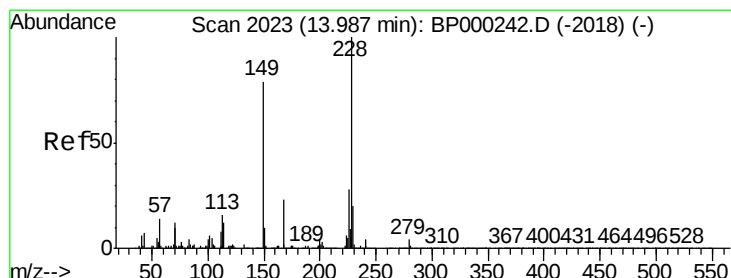
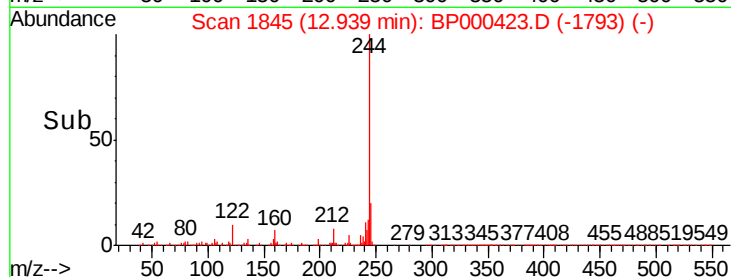
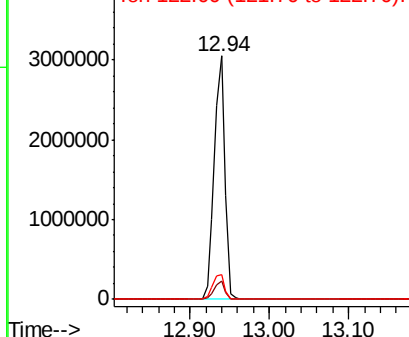


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.593 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000423.D

Acq: 26 Sep 2019 15:33

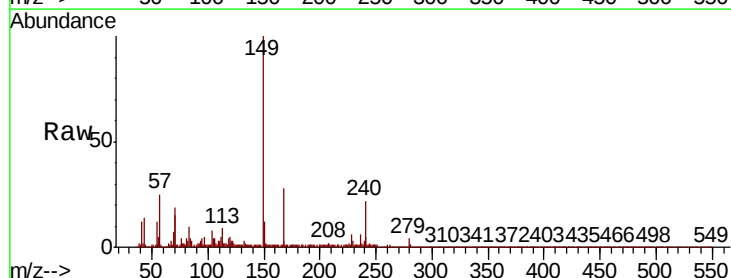
Tgt Ion:149 Resp: 280974

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.4

279 3.8 3.7 5.5

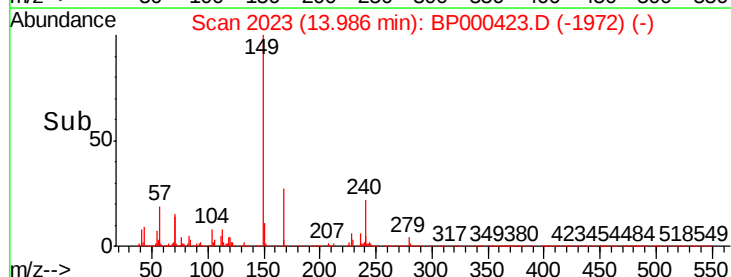
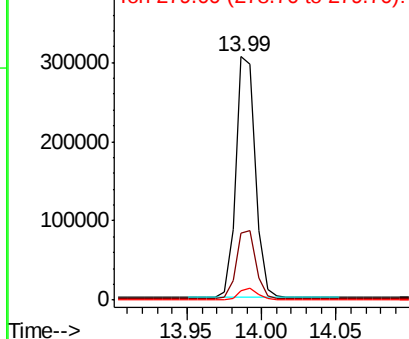


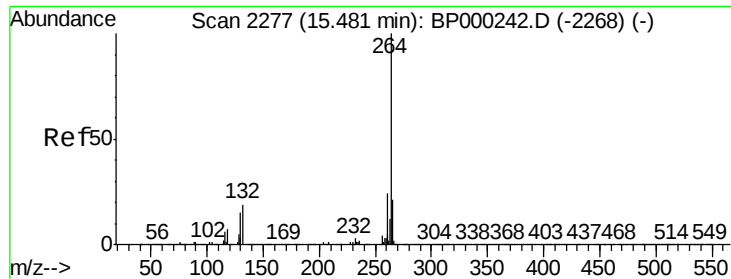
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000423.D
Acq: 26 Sep 2019 15:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.2	25.8

