

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000426.D
 Acq On : 26 Sep 2019 16:46
 Operator : JU
 Sample : K5019-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:12:14 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	232625	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	416962	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	460719	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	488849	20.00	ng	0.01
76) Chrysene-d12	14.01	240	796431	20.00	ng	0.01
87) Perylene-d12	15.49	264	886995	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	945420	70.16	ng	0.04
7) Phenol-d6	6.46	99	1036418	62.75	ng	0.04
23) Nitrobenzene-d5	7.36	82	1019386	157.74	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	533932	116.84	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1999895	78.13	ng	0.00
79) Terphenyl-d14	12.95	244	2616375	68.92	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	77187	12.694	ng	99
3) Pyridine	3.26	79	367998	22.480	ng	98
6) Aniline	6.46	93	570054	25.031	ng	# 22
9) Benzaldehyde	6.35	77	175916	15.842	ng	# 1
10) Phenol	6.47	94	818848	43.634	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	570054	39.667	ng	# 45
15) Benzyl Alcohol	6.92	79	111081	9.241	ng	# 54
17) 2-Methylphenol	7.06	107	546844	44.002	ng	96
18) Hexachloroethane	7.33	117	117035	18.255	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	122969	14.081	ng	# 81
20) 3+4-Methylphenols	7.22	107	2417968	160.893	ng	# 70
22) Acetophenone	7.19	105	73405	8.124	ng	# 87
24) Nitrobenzene	7.15	77	44044	6.561	ng	92
25) Isophorone	7.36	82	1019386	79.660	ng	# 63
27) 2,4-Dimethylphenol	7.78	122	3690812	651.119	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	187992	22.088	ng	# 1
31) Naphthalene	8.19	128	38907414	2014.782	ng	# 89
32) Benzoic acid	7.78	122	3690812	964.335	ng	# 13
33) 4-Chloroaniline	8.19	127	6990889	799.925	ng	# 44
36) 4-Chloro-3-methylphenol	8.59	107	54089	8.770	ng	# 32
37) 2-Methylnaphthalene	8.80	142	4782380	362.273	ng	# 95
38) 1-Methylnaphthalene	8.91	142	4669922	377.643	ng	98
46) 1,1'-Biphenyl	9.26	154	1687904	52.959	ng	99
48) 2-Nitroaniline	9.37	65	30269	4.458	ng	# 36
49) Acenaphthylene	9.70	152	450266	11.204	ng	# 88
50) Dimethylphthalate	9.56	163	446292	14.218	ng	100
52) Acenaphthene	9.88	154	2644566	104.276	ng	98
55) Dibenzofuran	10.05	168	3248129	90.598	ng	96
56) 4-Nitrophenol	9.98	139	95332	15.999	ng	# 43
57) 2,4-Dinitrotoluene	10.00	165	33084	3.667	ng	# 1
58) Fluorene	10.39	166	2088139	75.406	ng	99
62) 4-Nitroaniline	10.39	138	25182	3.196	ng	# 63
63) Azobenzene	10.53	77	204142	7.980	ng	# 49
65) 4,6-Dinitro-2-methylphenol	10.46	198	6085	2.647	ng	# 1

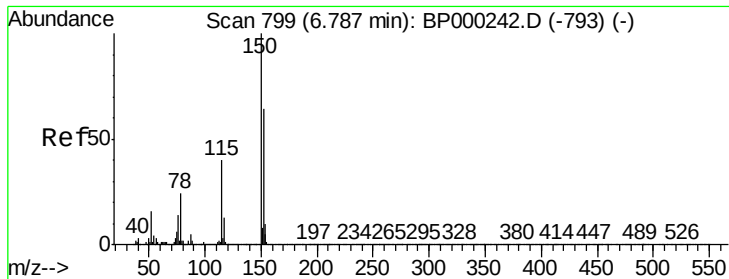
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
Sample : K5019-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	10.64	248	35277	6.382	nq	# 1
71) Phenanthrene	11.37	178	3127758	127.677	nq	98
72) Anthracene	11.42	178	503387	19.963	nq	99
73) Carbazole	11.59	167	2621100	115.424	nq	99
75) Fluoranthene	12.58	202	430440	16.363	nq	99
78) Pyrene	12.80	202	299201	5.021	nq	99

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

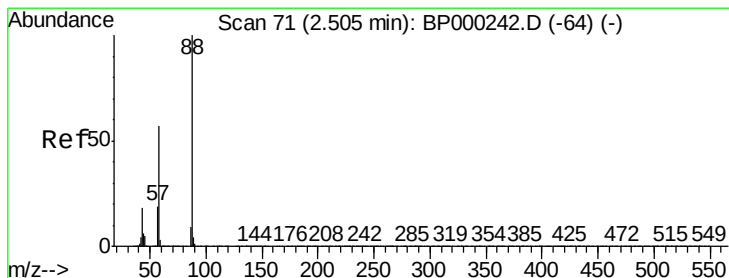
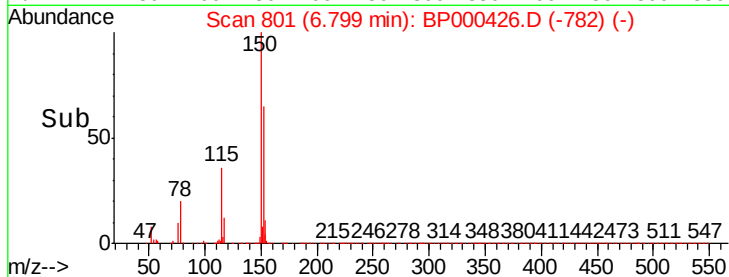
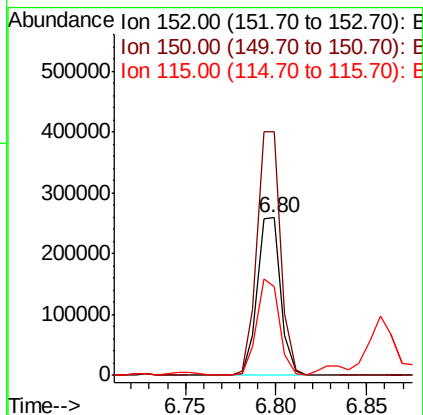
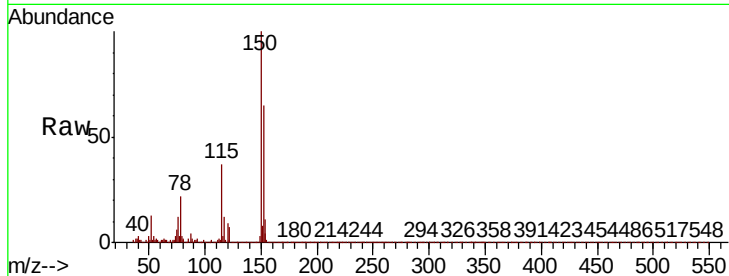


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :

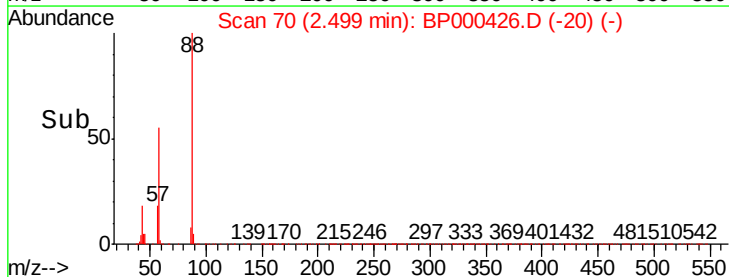
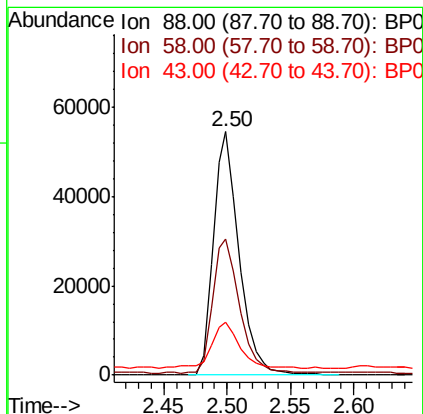
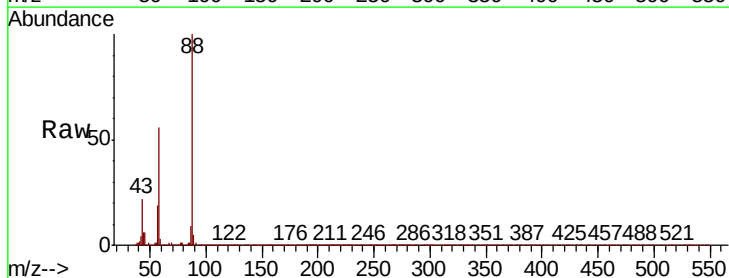
Tot Ion:152 Resp: 232625
Ion Ratio Lower Upper
152 100
150 154.2 125.2 187.8
115 56.4 49.7 74.5

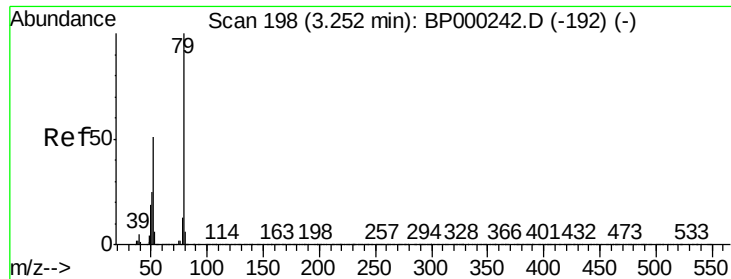


#2

1,4-Dioxane
Concen: 12.694 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion: 88 Resp: 77187
Ion Ratio Lower Upper
88 100
58 57.2 45.4 68.2
43 20.6 15.0 22.6





#3

Pvridine

Concen: 22.480 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

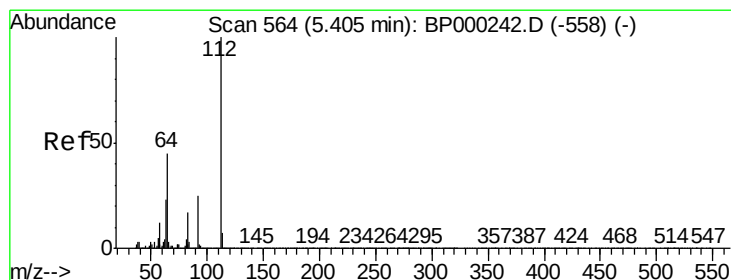
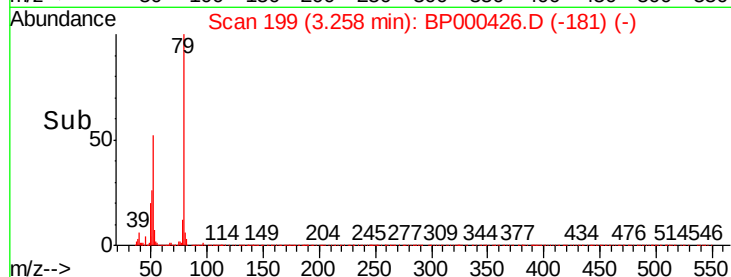
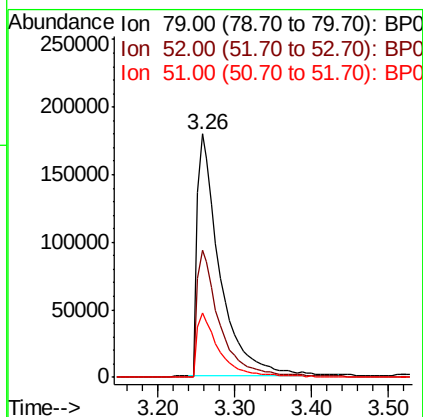
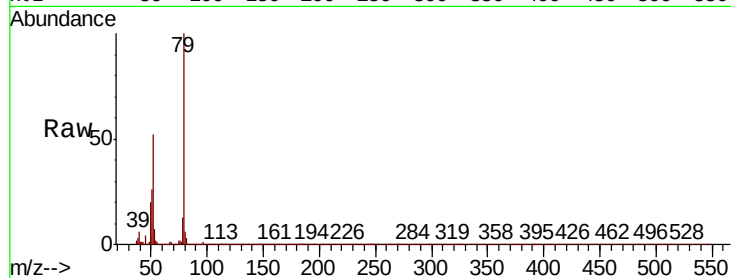
Tot Ion: 79 Resp: 367998

Ion Ratio Lower Upper

79 100

52 52.3 40.9 61.3

51 26.4 20.2 30.2



#5

2-Fluorophenol

Concen: 70.161 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.04 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

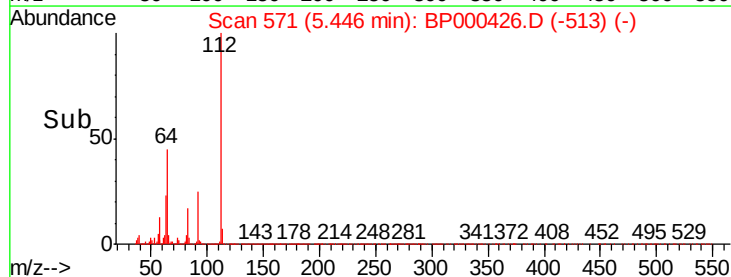
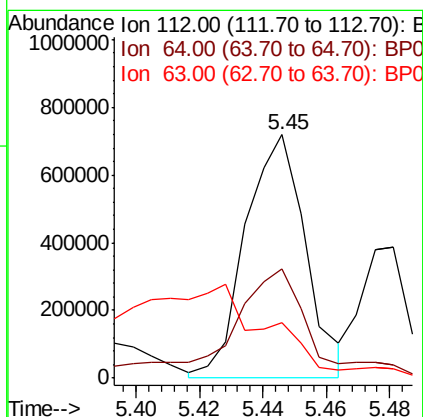
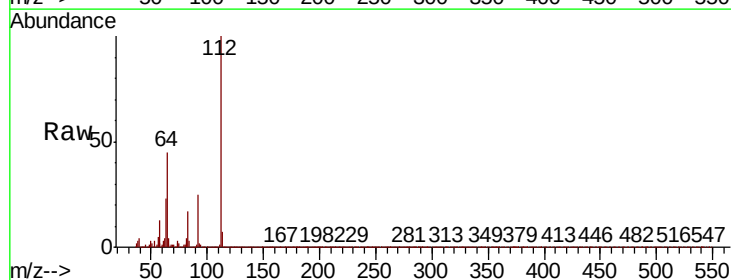
Tgt Ion: 112 Resp: 945420

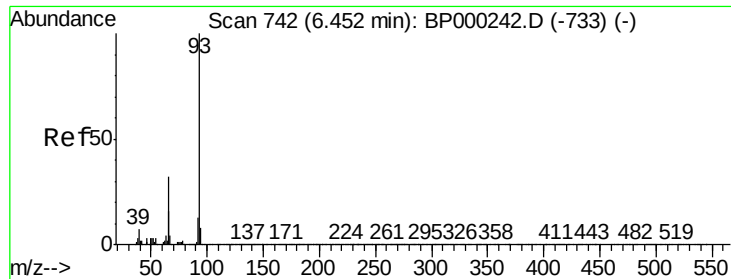
Ion Ratio Lower Upper

112 100

64 44.7 36.2 54.4

63 22.9 18.3 27.5





#6

Aniline

Concen: 25.031 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampled :

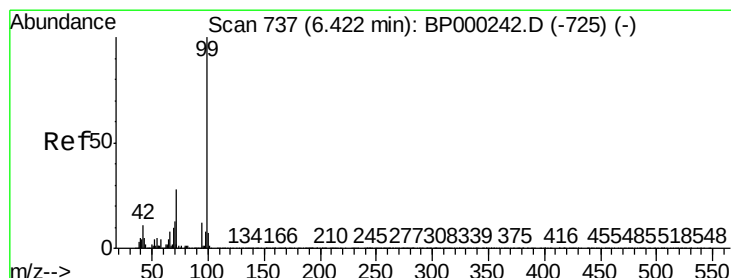
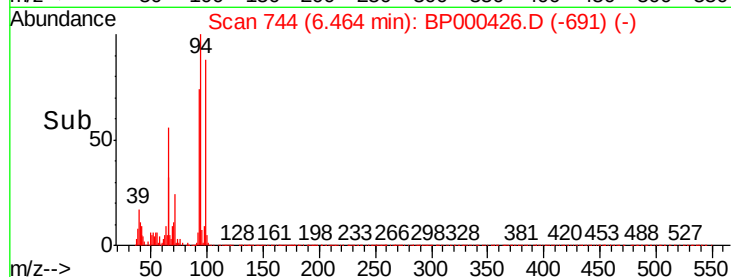
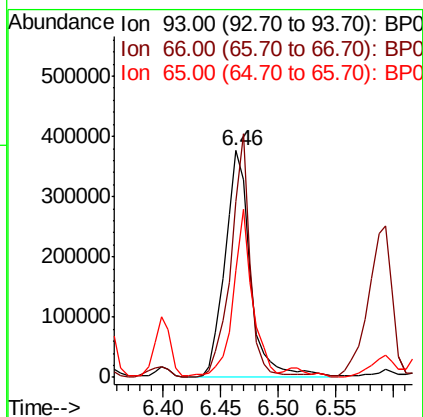
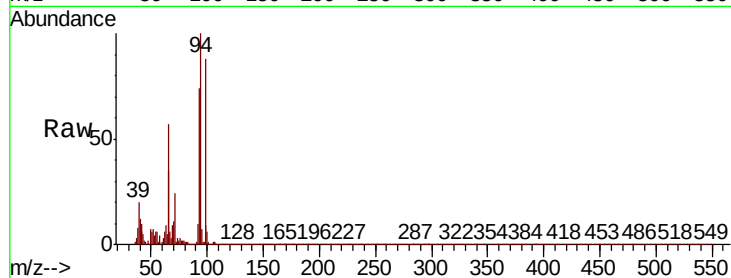
Tot Ion: 93 Resp: 570054

Ion Ratio Lower Upper

93 100

66 77.5 26.2 39.2#

65 47.1 12.7 19.1#



#7

Phenol-d6

Concen: 62.747 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.04 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

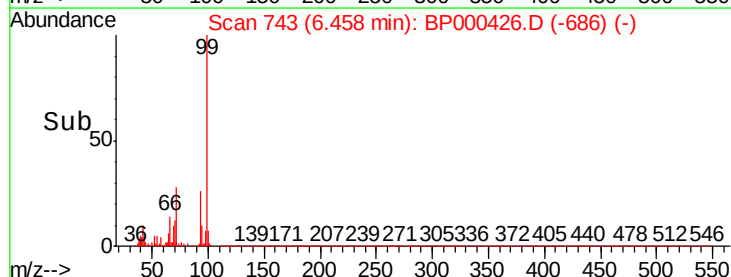
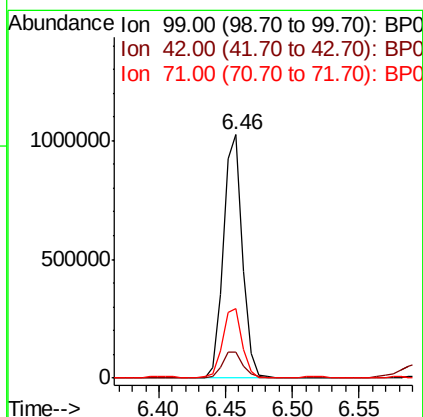
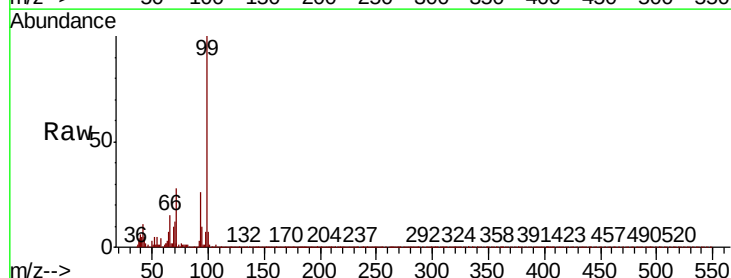
Tgt Ion: 99 Resp: 1036418

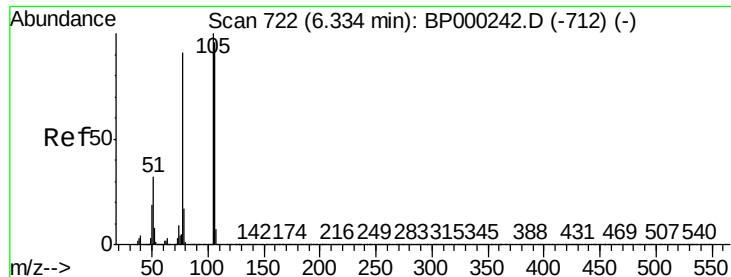
Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 28.5 22.6 34.0





#9

Benzaldehyde

Concen: 15.842 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

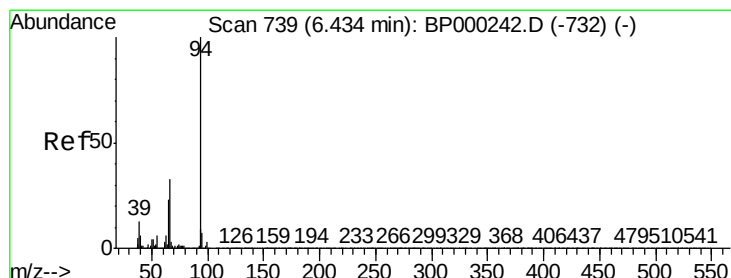
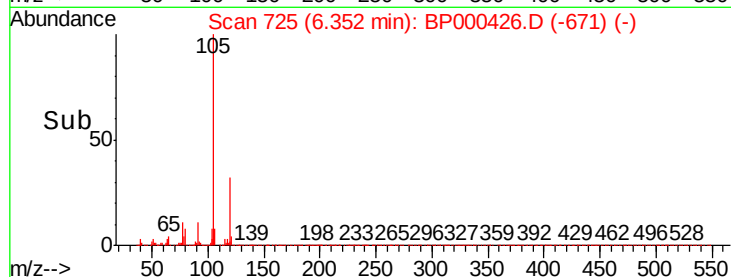
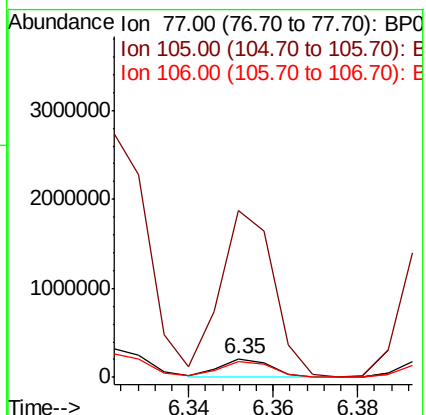
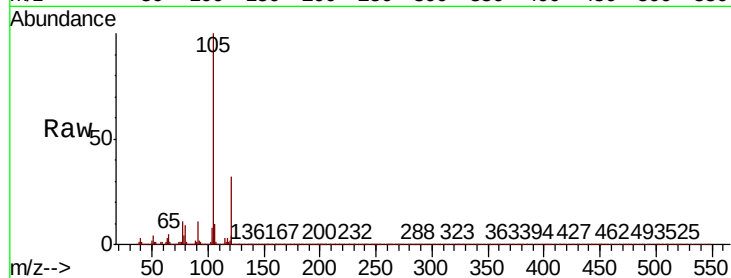
Tot Ion: 77 Resp: 175916

Ion Ratio Lower Upper

77 100

105 896.1 89.6 129.6#

106 86.1 84.6 124.6



#10

Phenol

Concen: 43.634 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.04 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

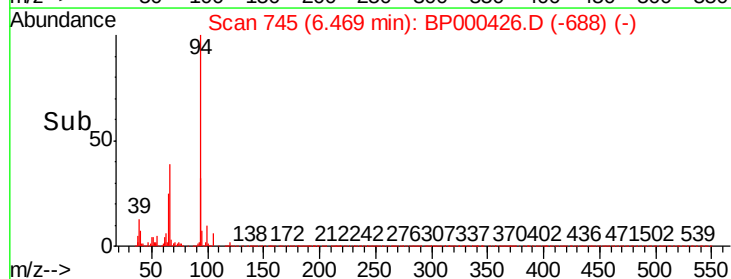
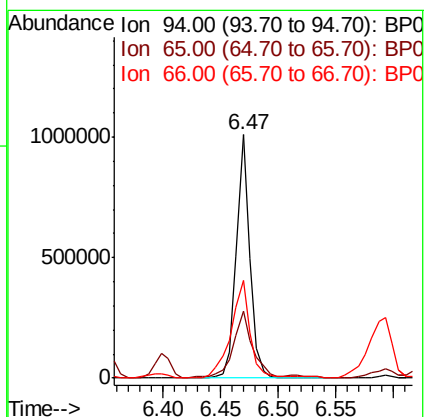
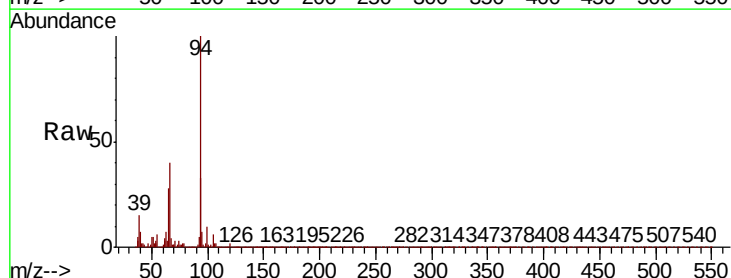
Tgt Ion: 94 Resp: 818848

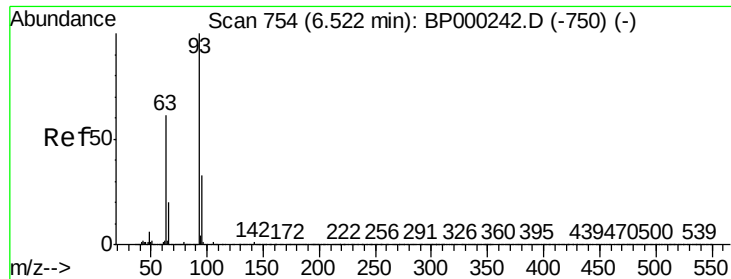
Ion Ratio Lower Upper

94 100

65 27.6 3.3 43.3

66 40.0 12.7 52.7

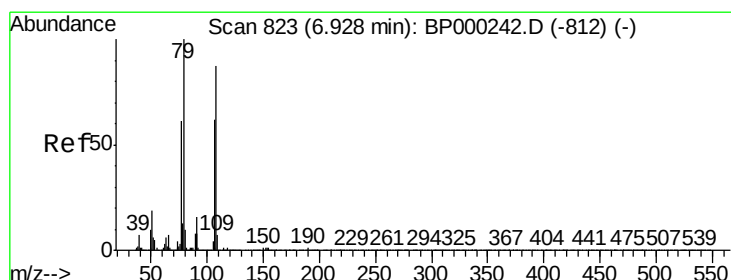
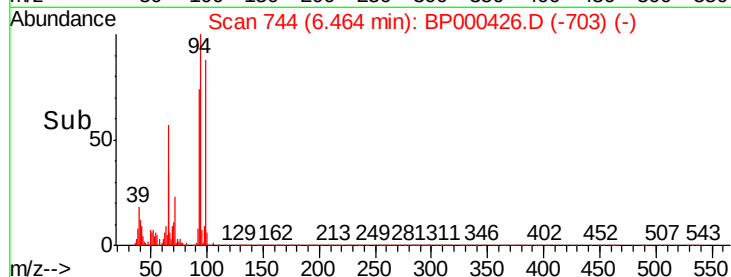
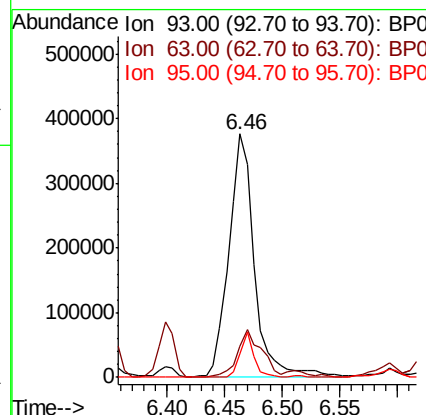
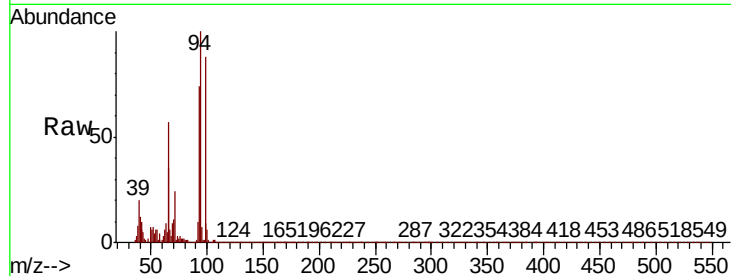




#11
bis(2-Chloroethyl)ether
Concen: 39.667 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.06 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

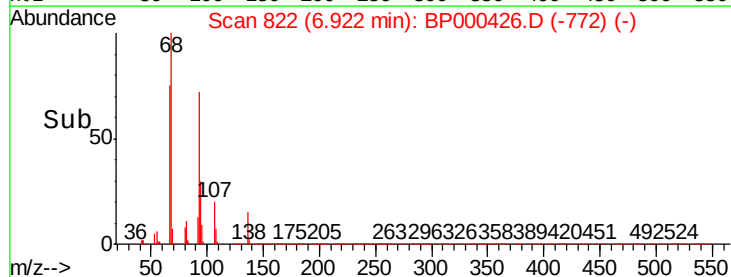
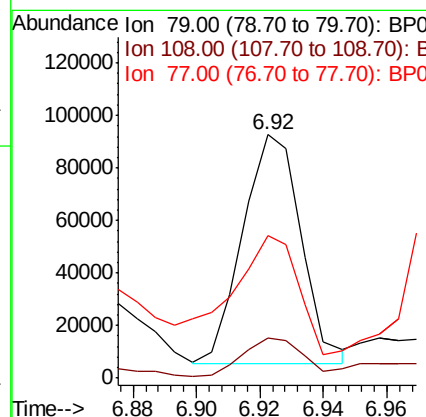
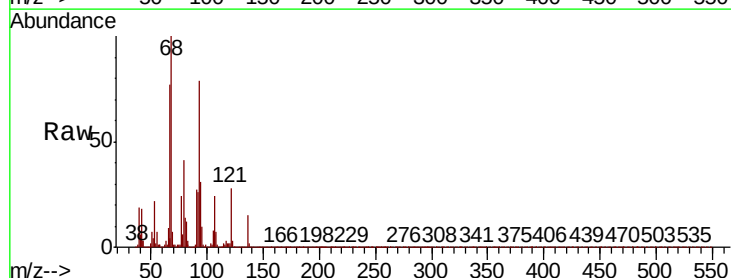
Instrument :
BNA_P
ClientSampled :

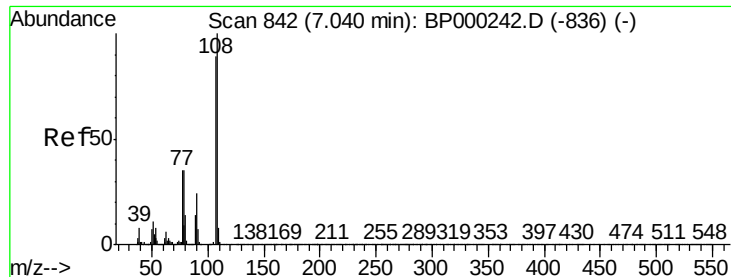
Tot Ion	Ratio	Lower	Upper
93	100		
63	12.8	41.0	81.0#
95	9.7	12.7	52.7#



#15
Benzyl Alcohol
Concen: 9.241 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
79	100		
108	16.6	69.2	103.8#
77	58.4	48.7	73.1

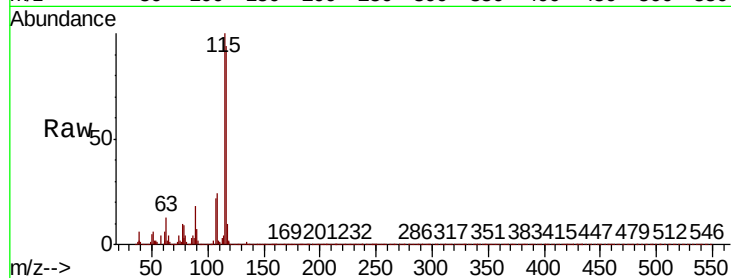




#17
2-Methylphenol
Concen: 44.002 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	546844	90.1	135.1
77	45.1		31.5	47.3
79	43.1		32.2	48.2



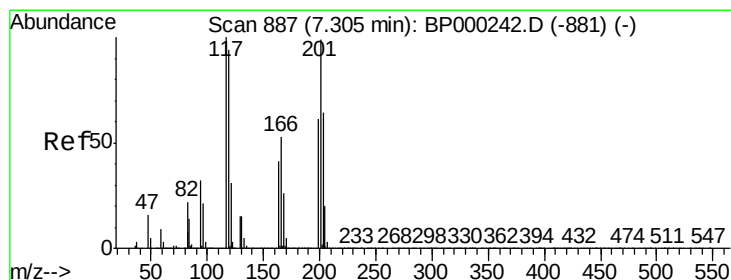
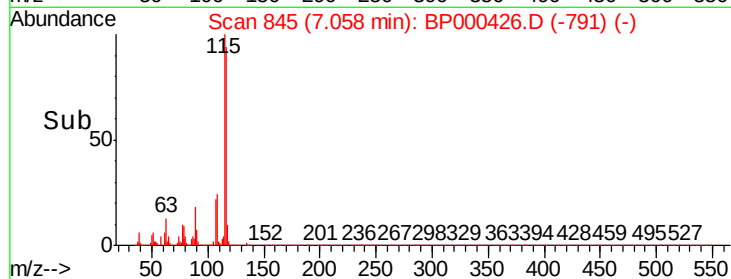
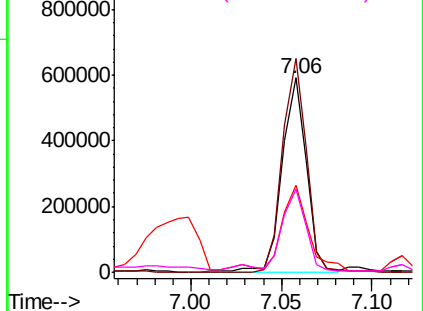
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

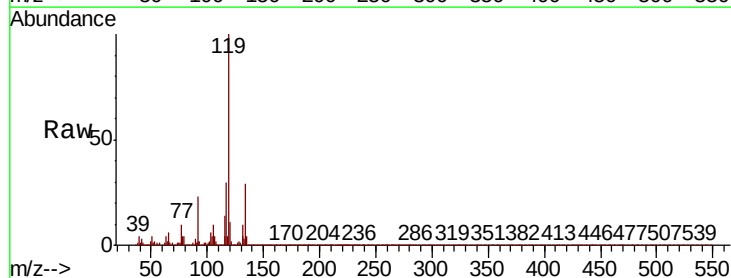
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 18.255 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117035		
119	332.3		75.6	113.4#
201	0.0		79.4	119.2#

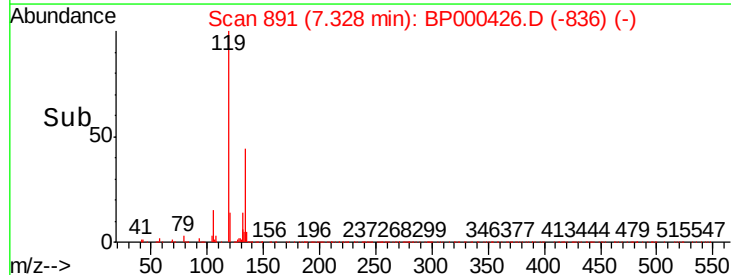
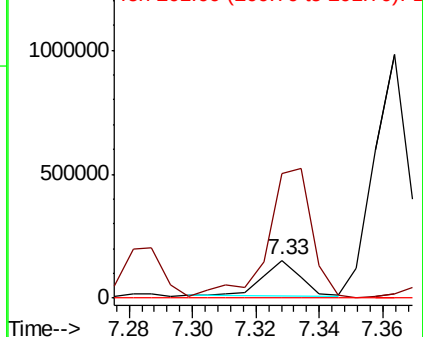


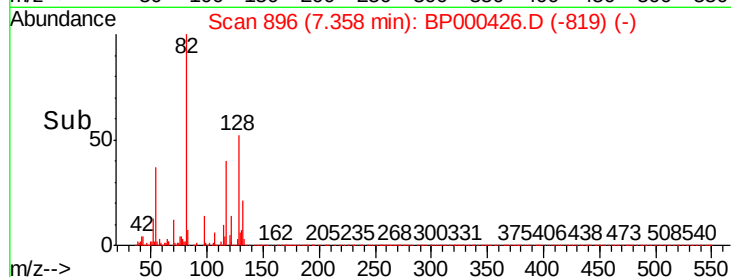
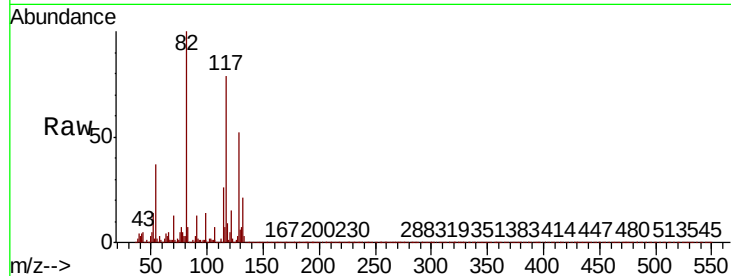
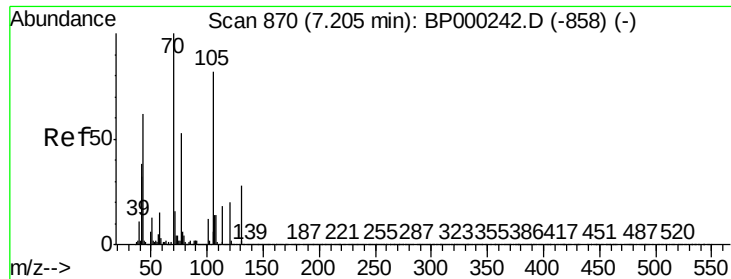
Abundance

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

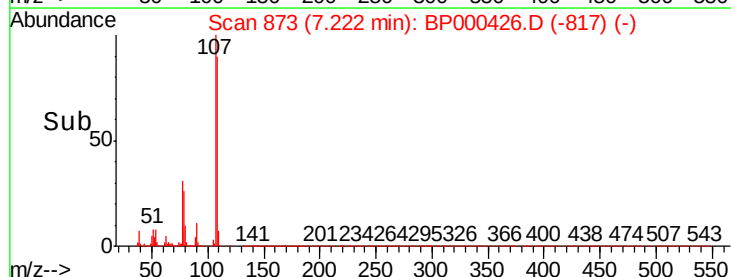
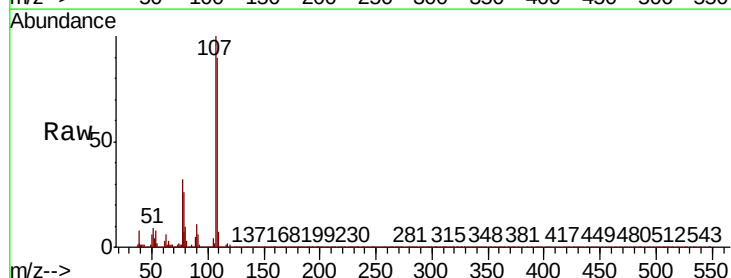
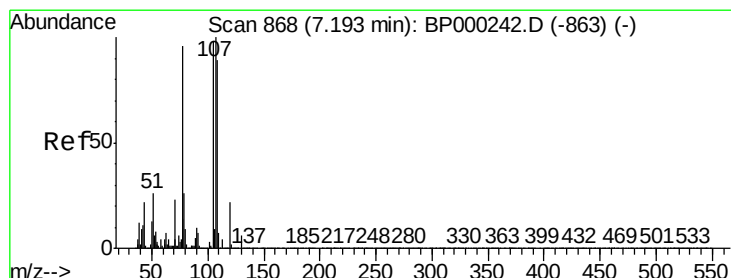
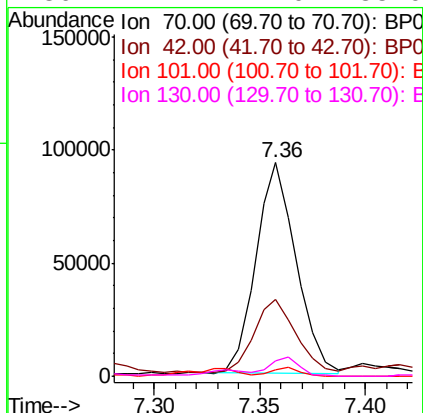




#19
n-Nitroso-di-n-propylamine
Concen: 14.081 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

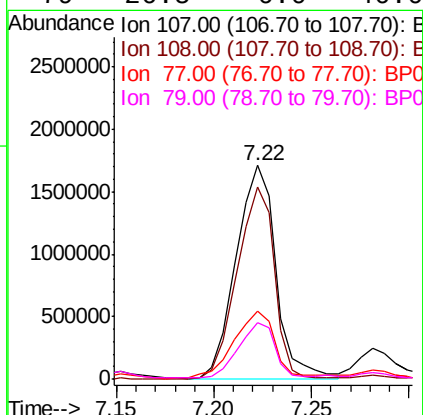
Instrument :
BNA_P
ClientSampleID :

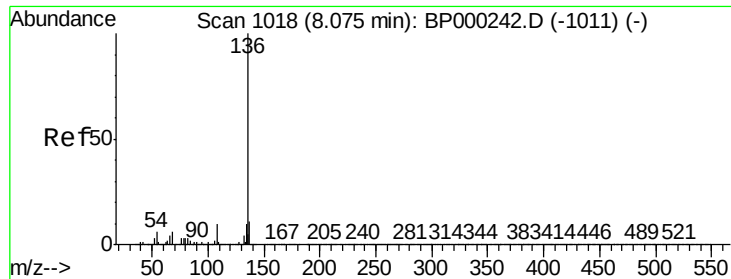
Tot Ion	Ratio	Lower	Upper
70	100		
42	35.9	30.7	46.1
101	3.0	9.6	14.4#
130	7.4	22.0	33.0#



#20
3+4-Methylphenols
Concen: 160.893 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.03 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.8	108.8
77	32.0	75.7	115.7#
79	26.5	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000426.D

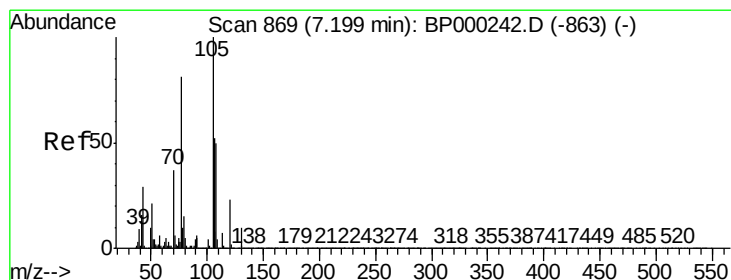
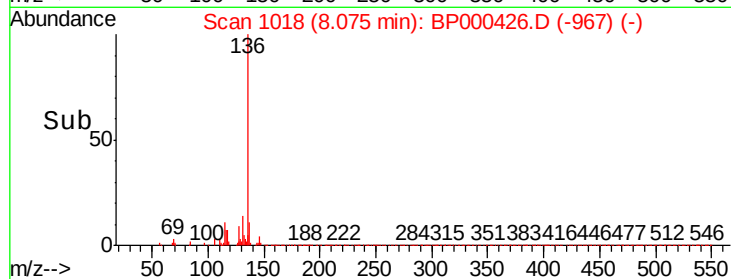
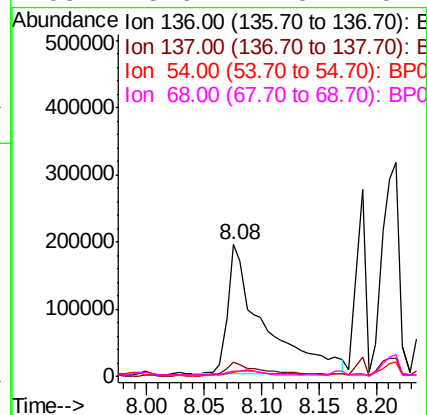
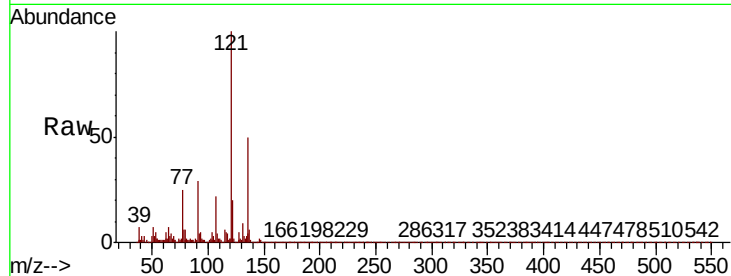
Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampled :

Tot Ion:136	Resp:	416962
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	3.0	4.5 6.7#
68	3.6	4.5 6.7#



#22

Acetophenone

Concen: 8.124 ng

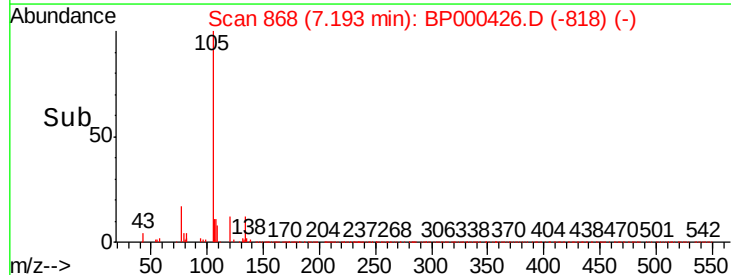
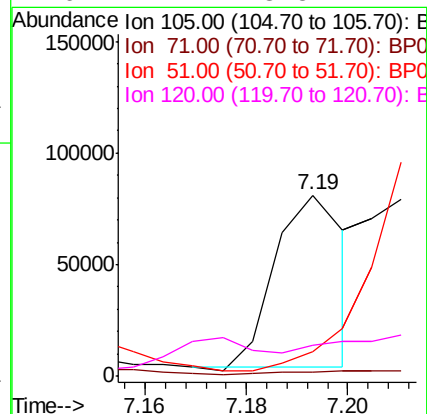
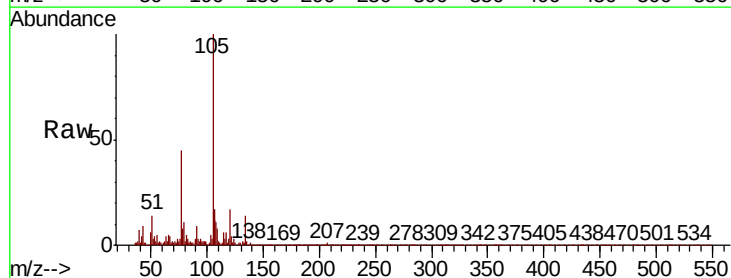
RT: 7.19 min Scan# 868

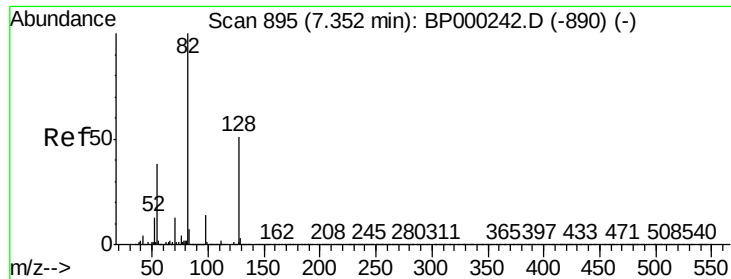
Delta R.T. -0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:105	Resp:	73405
Ion Ratio	Lower	Upper
105	100	
71	2.2	5.2 7.8#
51	13.7	16.6 24.8#
120	17.2	18.5 27.7#

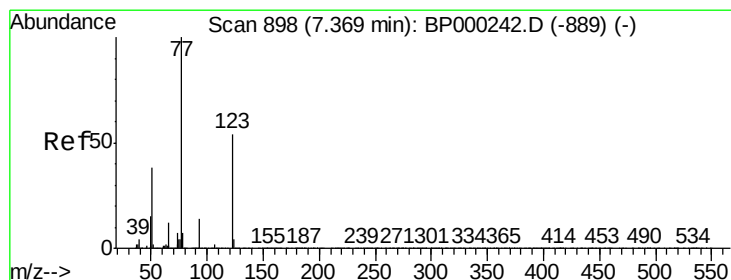
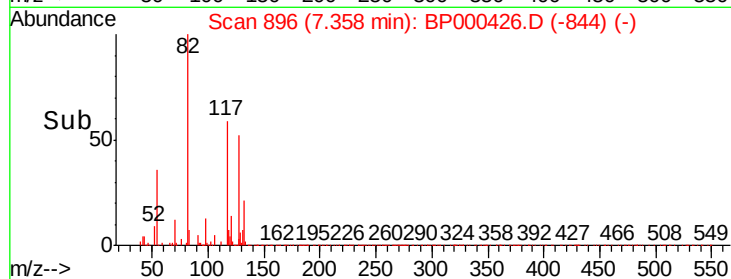
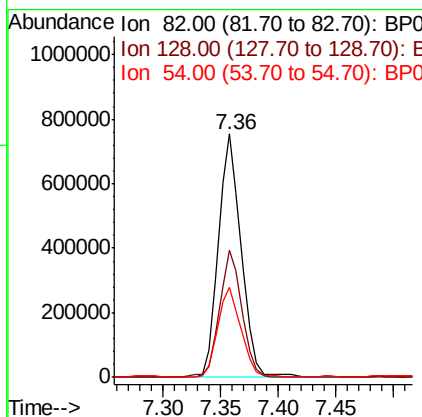
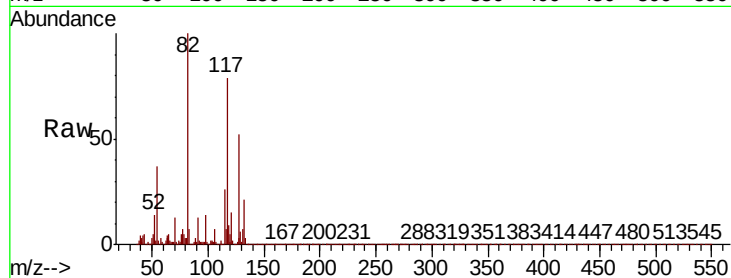




#23
 Nitrobenzene-d5
 Concen: 157.737 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

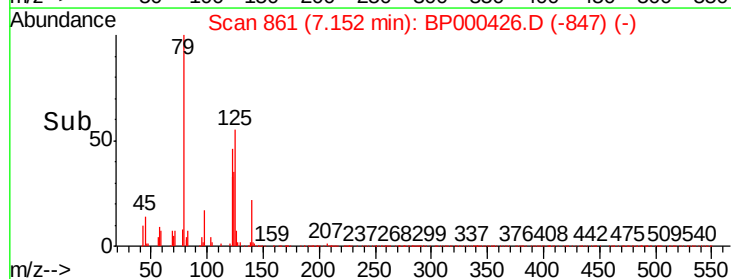
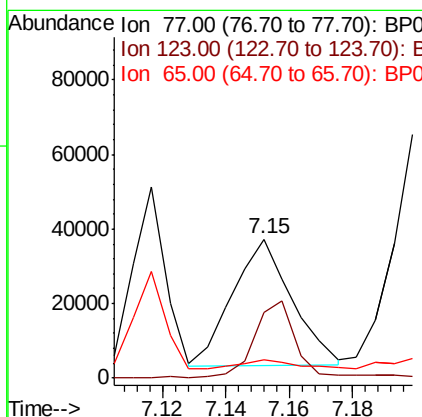
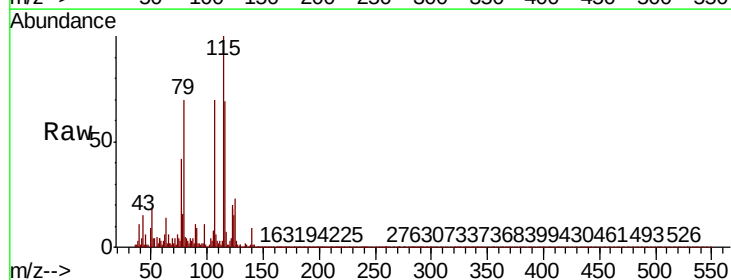
Instrument :
 BNA_P
 ClientSampled :

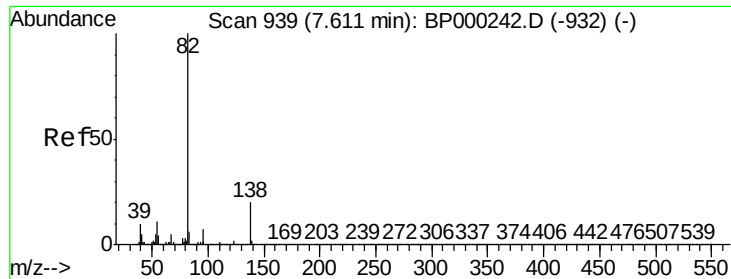
Tot Ion: 82 Resp: 1019386
 Ion Ratio Lower Upper
 82 100
 128 52.1 40.7 61.1
 54 37.2 30.1 45.1



#24
 Nitrobenzene
 Concen: 6.561 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.22 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion: 77 Resp: 44044
 Ion Ratio Lower Upper
 77 100
 123 47.6 43.1 64.7
 65 13.4 9.4 14.2





#25

Isophorone

Concen: 79.660 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.25 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

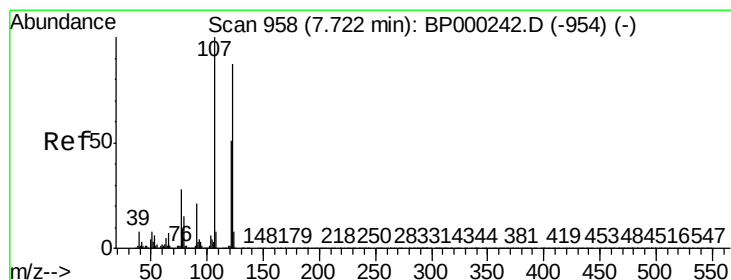
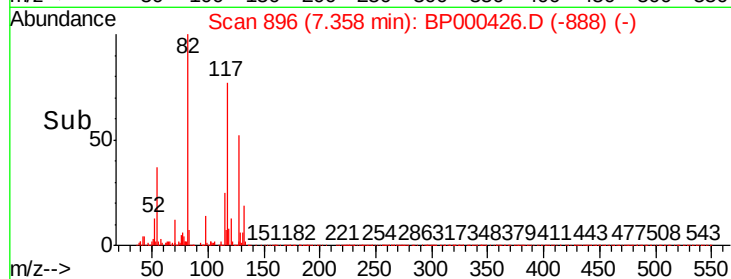
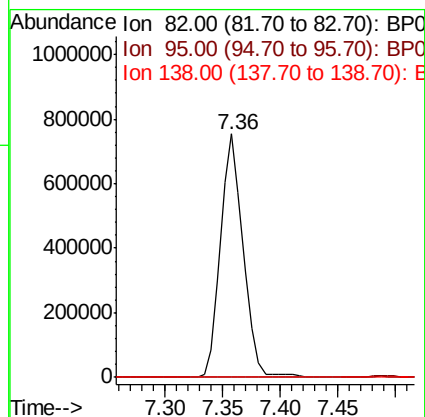
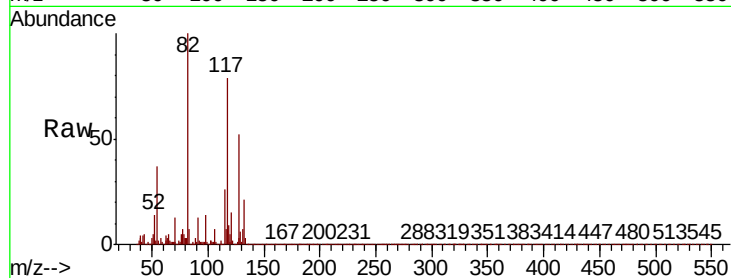
Tot Ion: 82 Resp: 1019386

Ion Ratio Lower Upper

82 100

95 0.3 5.9 8.9#

138 0.0 15.9 23.9#



#27

2,4-Dimethylphenol

Concen: 651.119 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.06 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

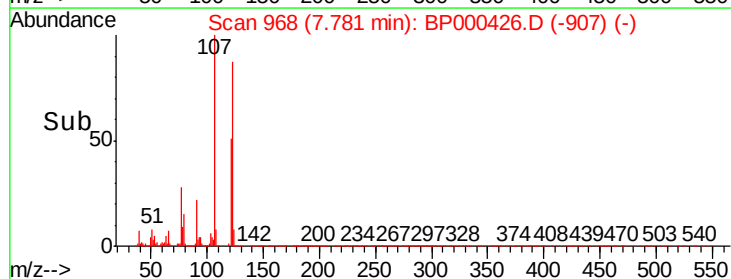
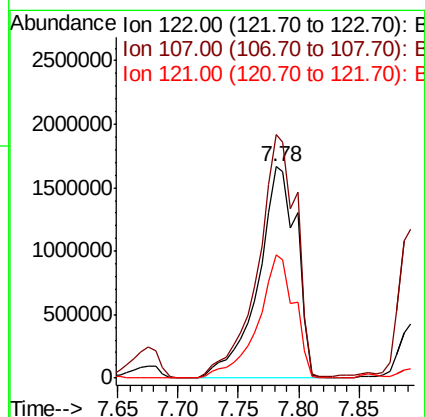
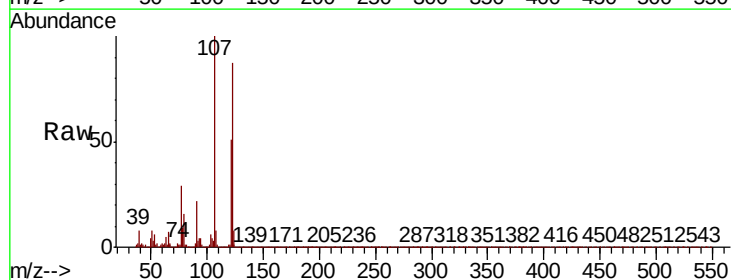
Tgt Ion: 122 Resp: 3690812

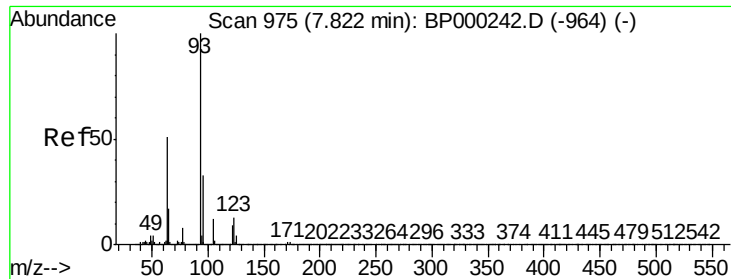
Ion Ratio Lower Upper

122 100

107 115.2 91.5 137.3

121 58.3 46.9 70.3

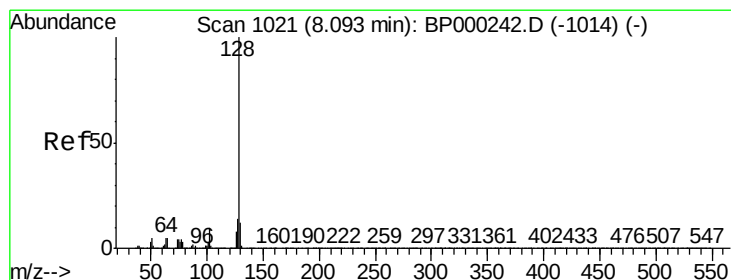
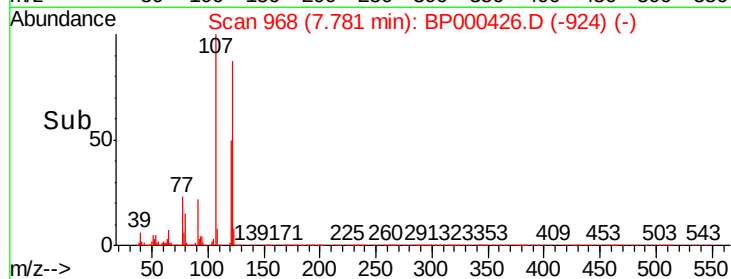
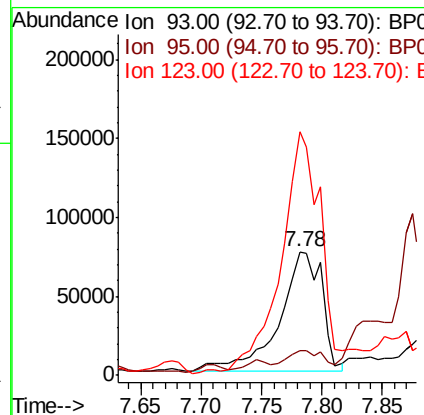
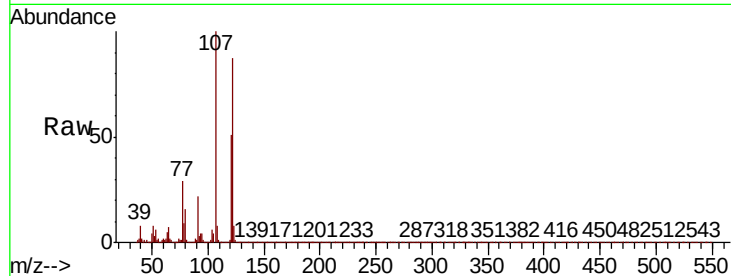




#28
bis(2-Chloroethoxy)methane
Concen: 22.088 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

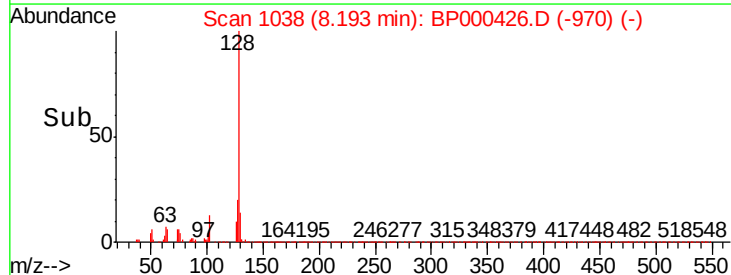
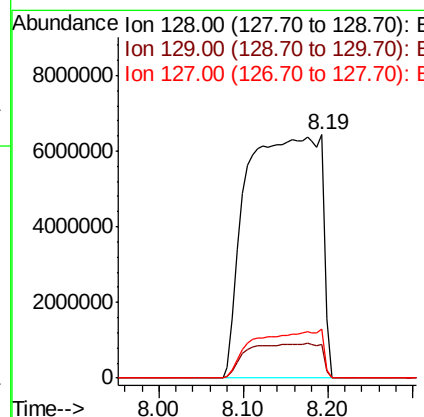
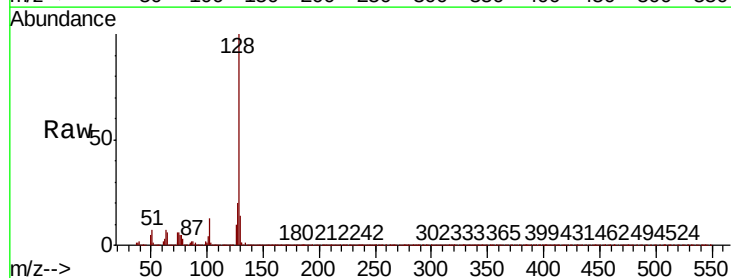
Instrument :
BNA_P
ClientSampleId :

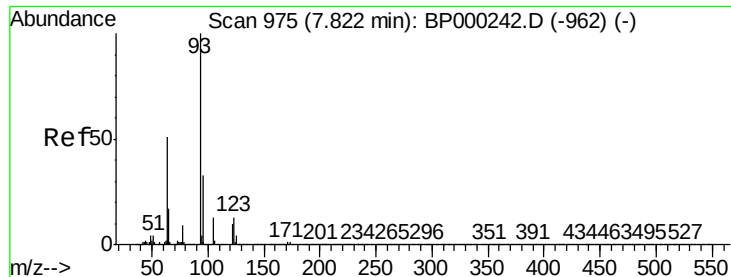
Tot Ion: 93 Resp: 187992
Ion Ratio Lower Upper
93 100
95 20.3 26.2 39.4#
123 197.0 10.2 15.2#



#31
Naphthalene
Concen: 2014.782 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.10 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion:128 Resp:38907414
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8#
127 19.9 11.0 16.6#





#32

Benzoic acid

Concen: 964.335 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.04 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampled :

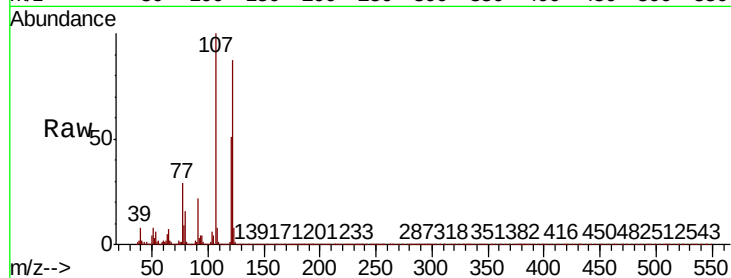
Tot Ion:122 Resp: 3690812

Ion Ratio Lower Upper

122 100

105 3.9 105.4 145.4#

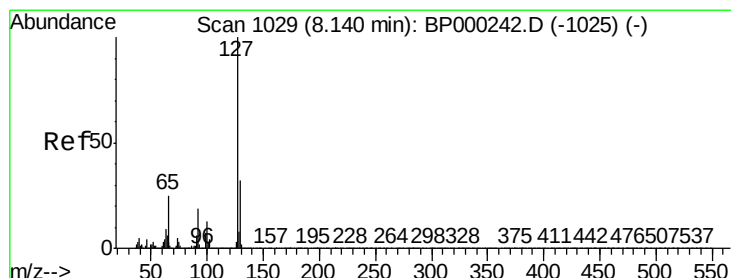
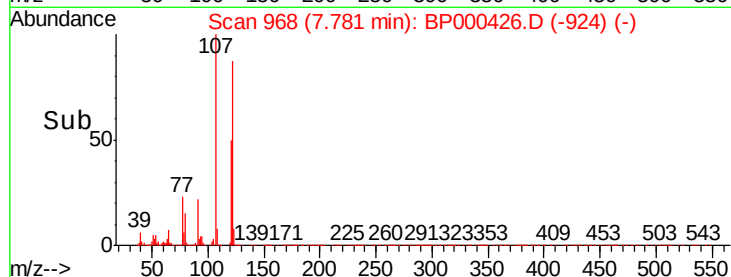
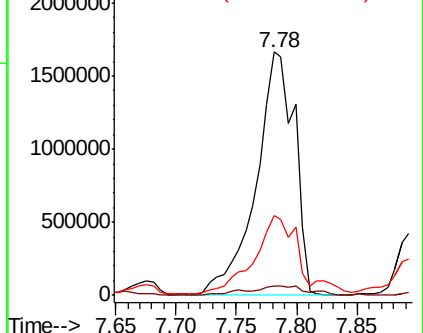
77 33.0 65.3 105.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#33

4-Chloroaniline

Concen: 799.925 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.05 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:127 Resp: 6990889

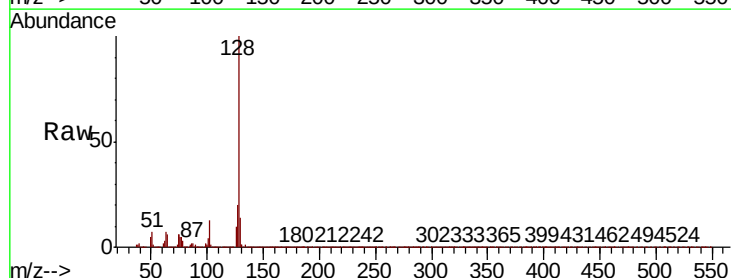
Ion Ratio Lower Upper

127 100

129 70.6 25.7 38.5#

65 0.0 19.9 29.9#

92 0.2 15.4 23.0#

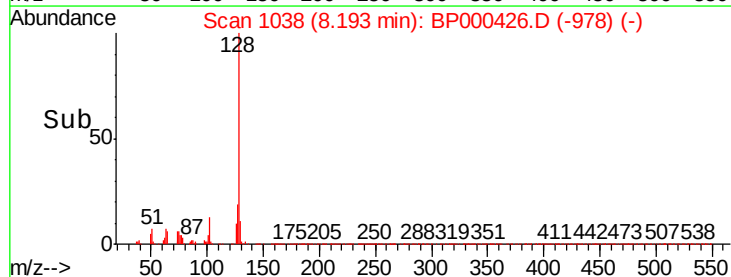
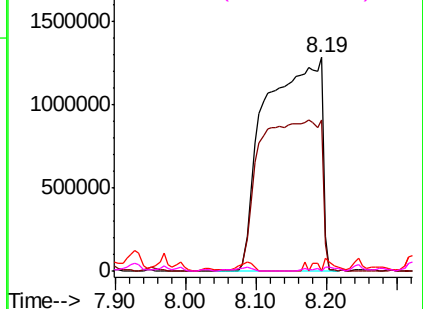


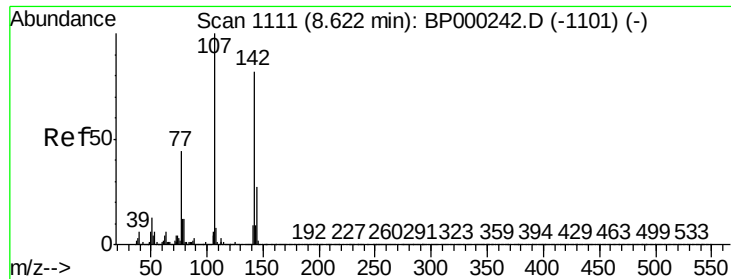
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

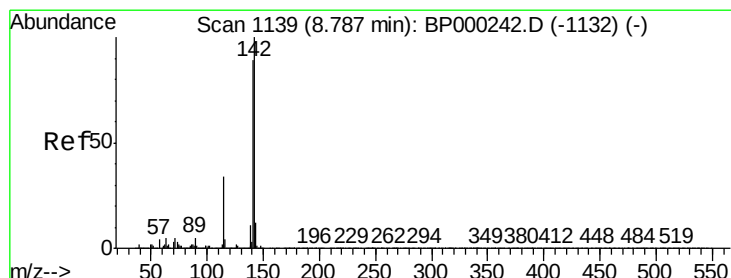
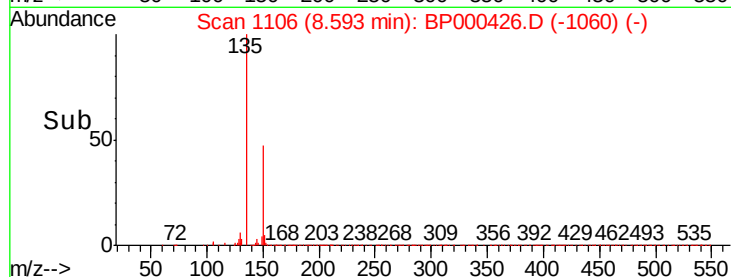
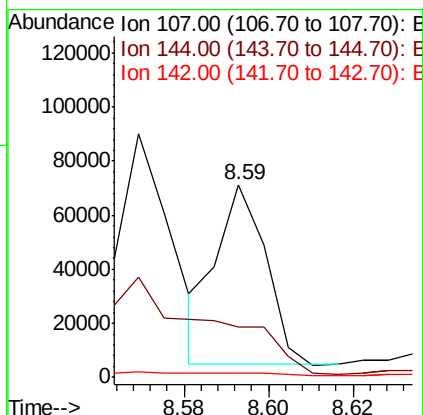
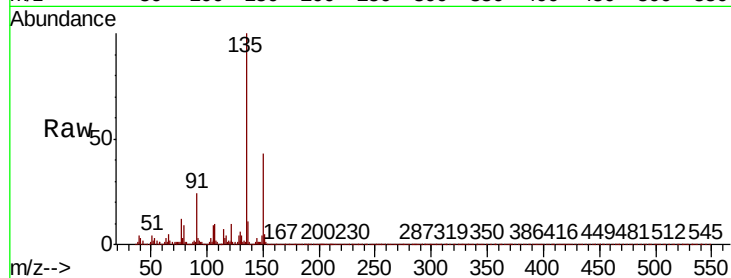




#36
4-Chloro-3-methylphenol
Concen: 8.770 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.03 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

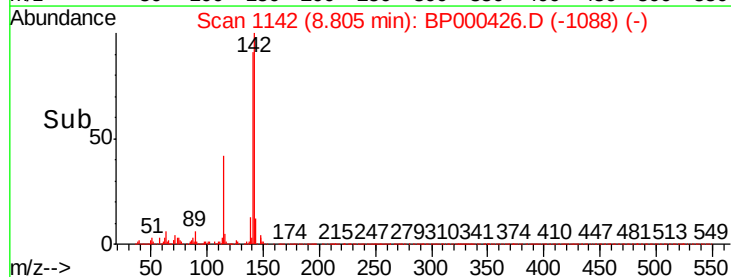
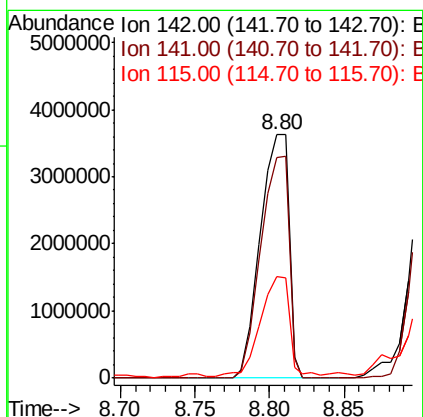
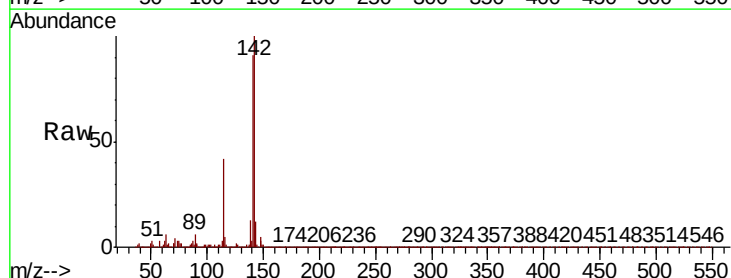
Instrument :
BNA_P
ClientSampleId :

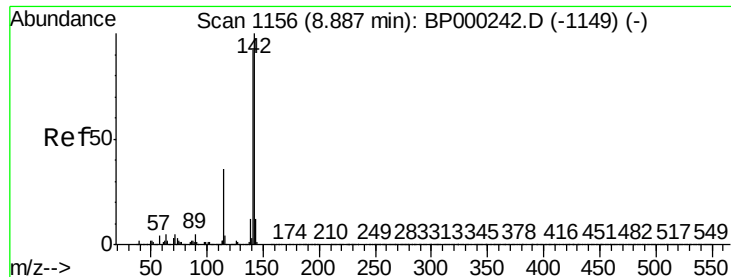
Tot Ion:107 Resp: 54089
Ion Ratio Lower Upper
107 100
144 26.3 21.5 32.3
142 1.9 65.7 98.5#



#37
2-Methylnaphthalene
Concen: 362.273 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion:142 Resp: 4782380
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 41.9 27.2 40.8#

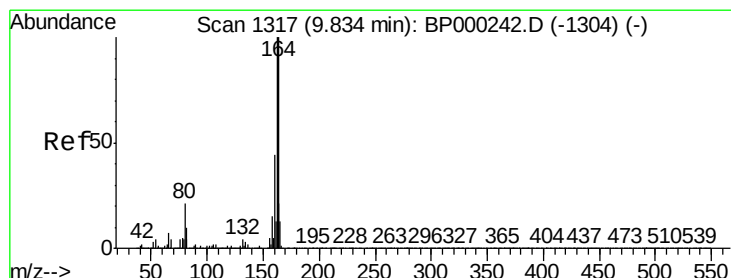
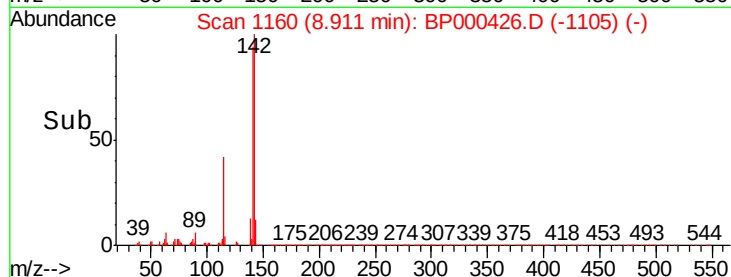
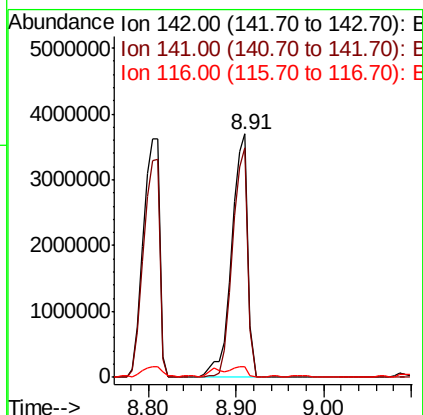
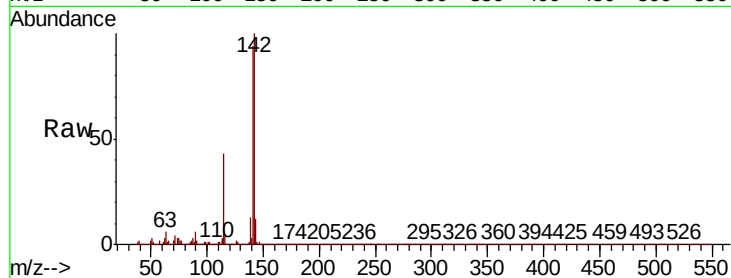




#38
1-Methylnaphthalene
Concen: 377.643 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

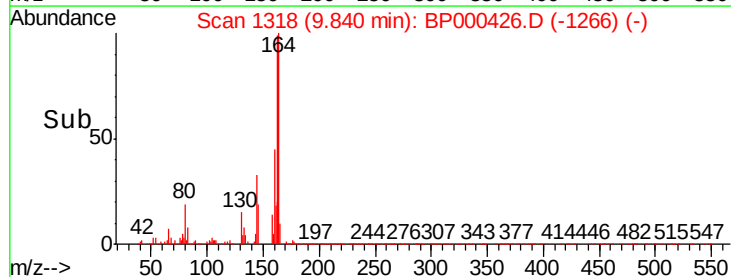
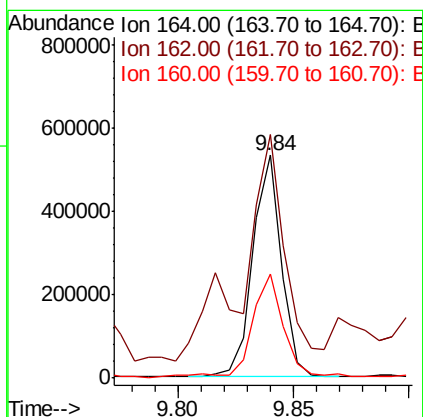
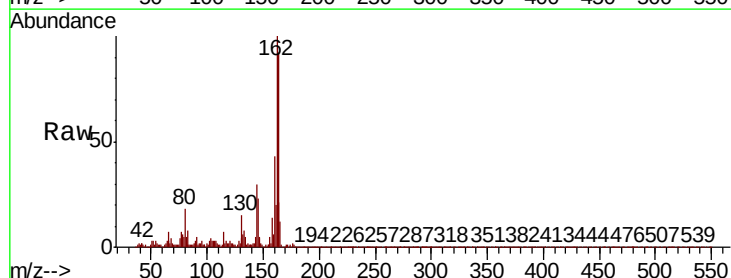
Instrument :
BNA_P
ClientSampled :

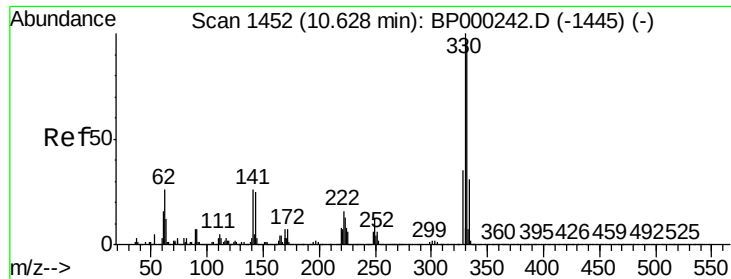
Tot Ion:142 Resp: 4669922
Ion Ratio Lower Upper
142 100
141 94.1 73.9 110.9
116 4.6 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion:164 Resp: 460719
Ion Ratio Lower Upper
164 100
162 109.1 79.9 119.9
160 46.8 35.6 53.4

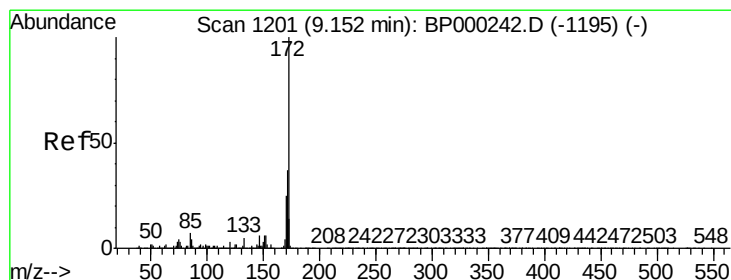
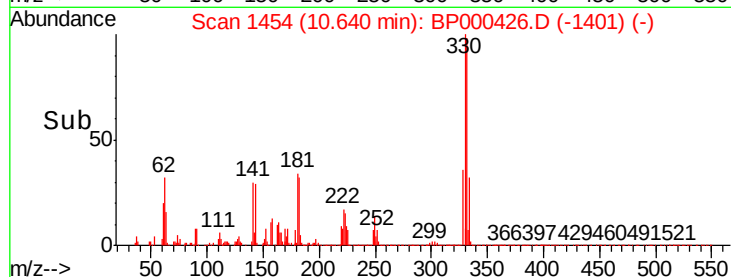
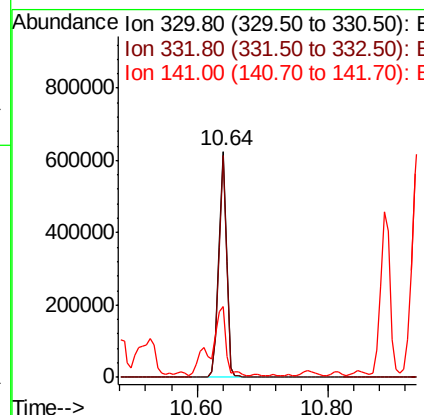
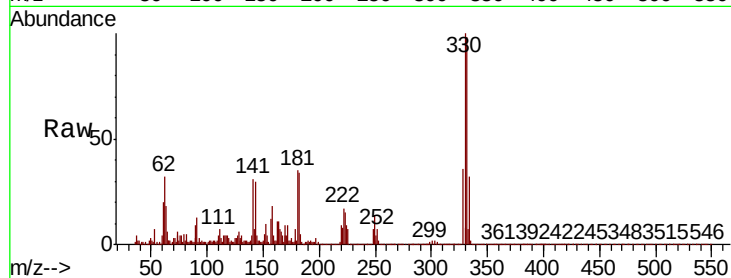




#42
2,4,6-Tribromophenol
Concen: 116.842 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

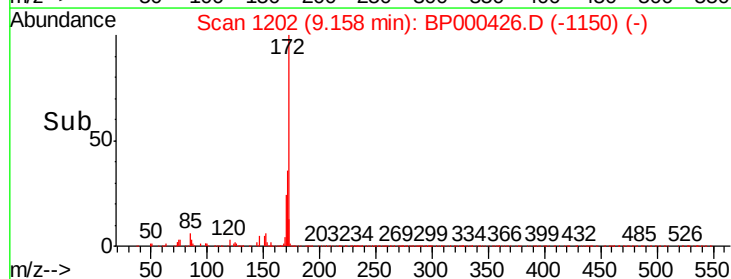
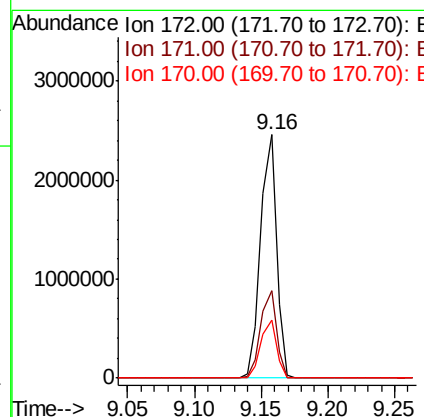
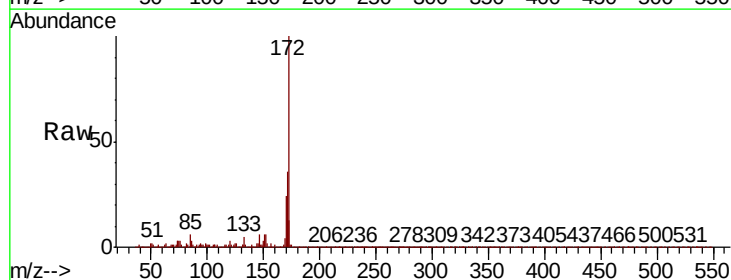
Instrument :
BNA_P
ClientSampled :

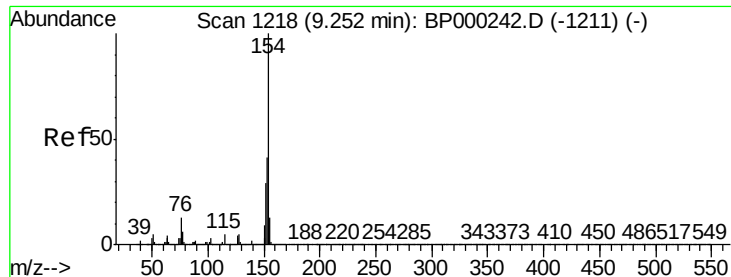
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	37.3	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 78.126 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	23.8	19.8	29.6

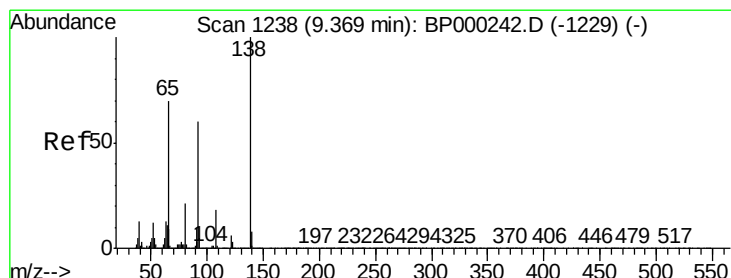
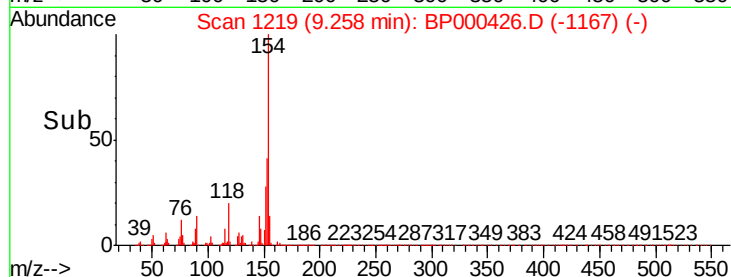
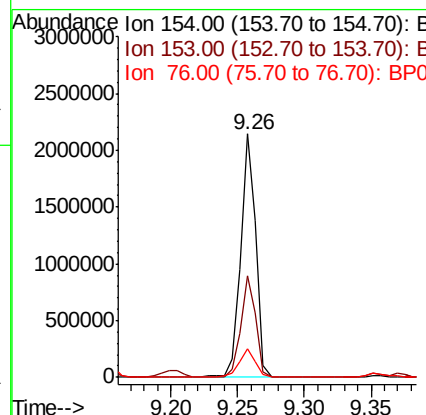
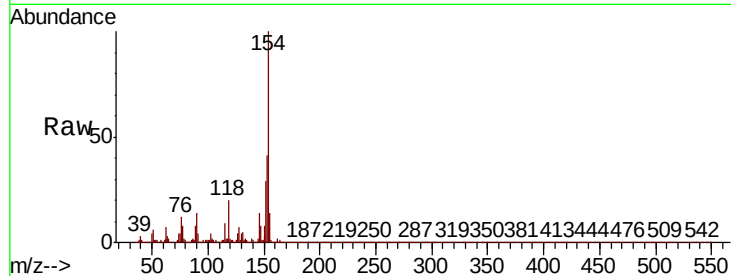




#46
 1,1'-Biphenyl
 Concen: 52.959 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

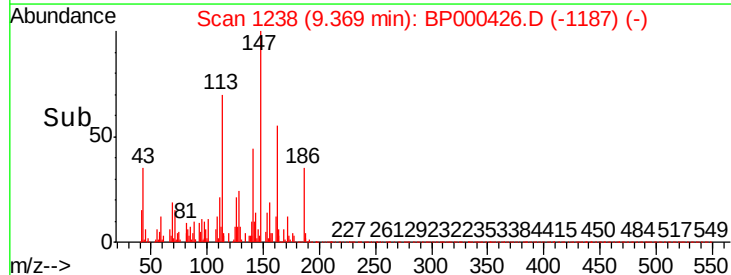
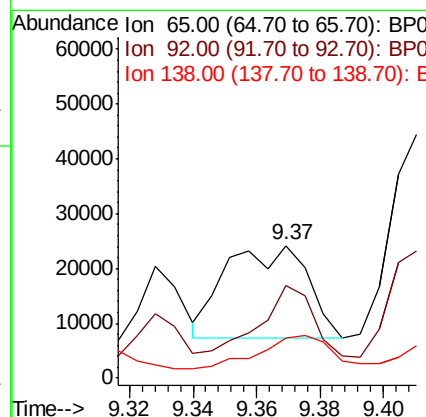
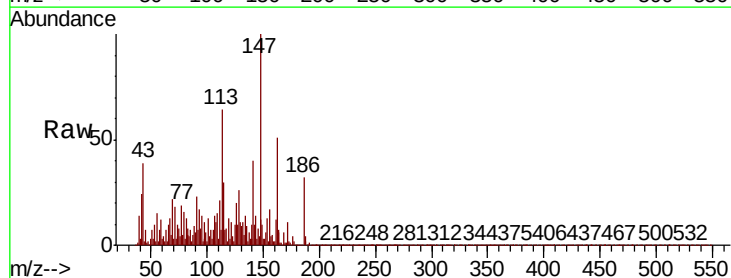
Instrument :
 BNA_P
 ClientSampled :

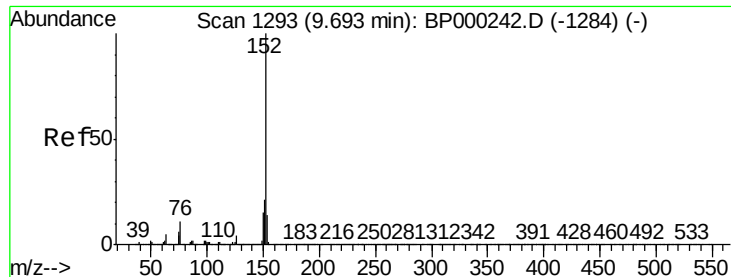
Tot Ion:154 Resp: 1687904
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.4 61.4
 76 11.8 0.0 33.4



#48
 2-Nitroaniline
 Concen: 4.458 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion: 65 Resp: 30269
 Ion Ratio Lower Upper
 65 100
 92 70.0 68.7 103.1
 138 30.1 114.4 171.6#





#49

Acenaphthylene

Concen: 11.204 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

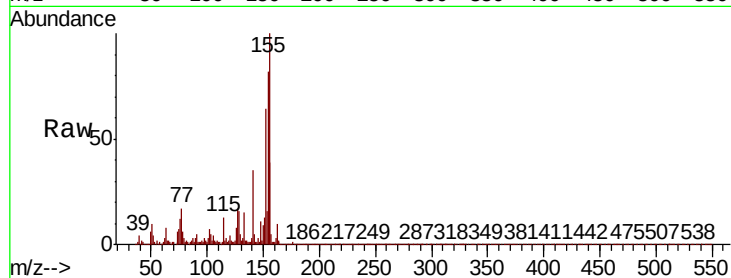
Tot Ion:152 Resp: 450266

Ion Ratio Lower Upper

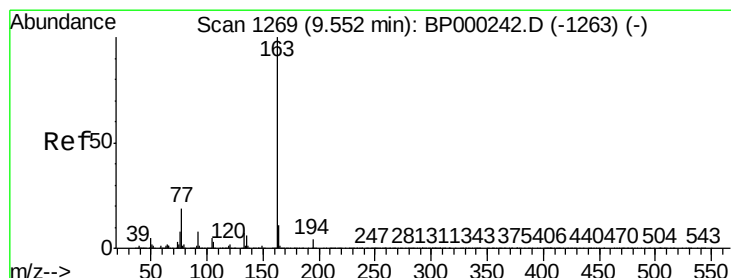
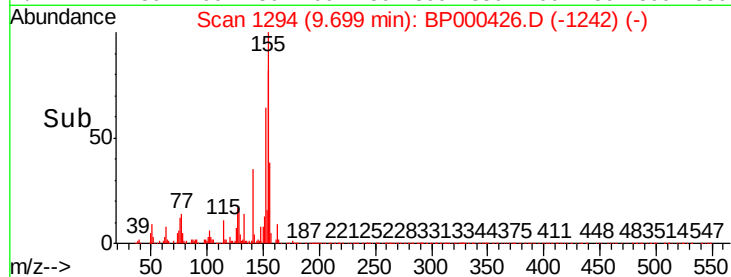
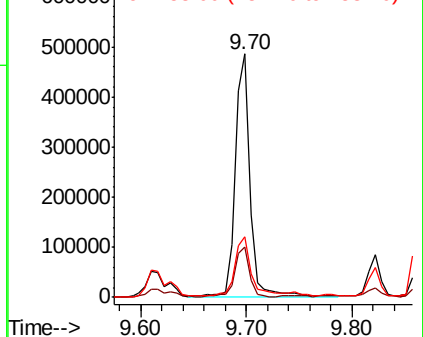
152 100

151 20.7 16.4 24.6

153 25.0 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 14.218 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

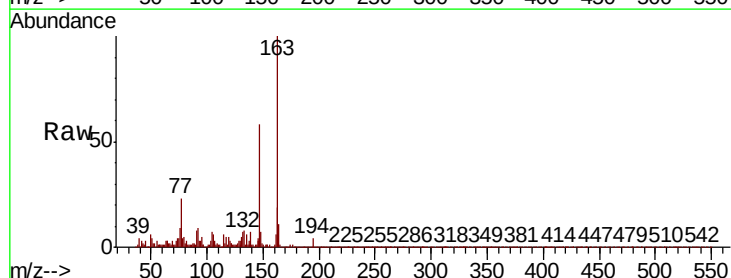
Tgt Ion:163 Resp: 446292

Ion Ratio Lower Upper

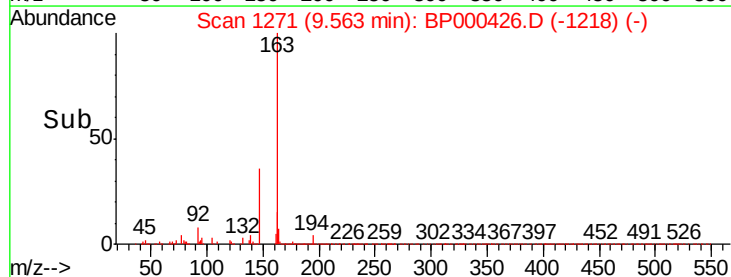
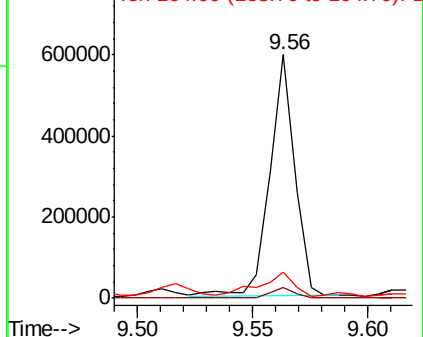
163 100

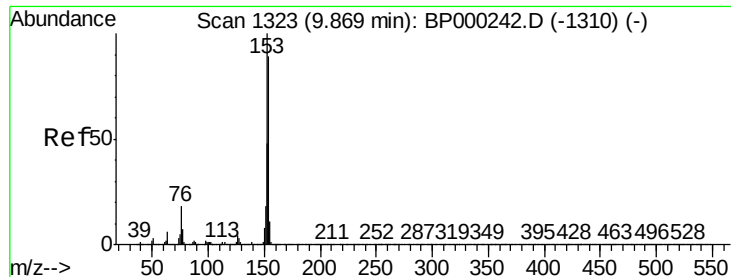
194 4.1 3.4 5.0

164 10.7 8.5 12.7



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: 104.276 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampled :

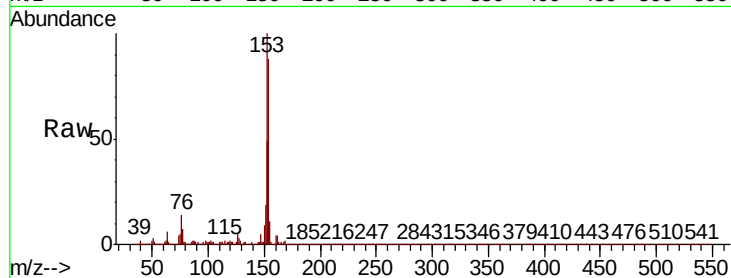
Tot Ion:154 Resp: 2644566

Ion Ratio Lower Upper

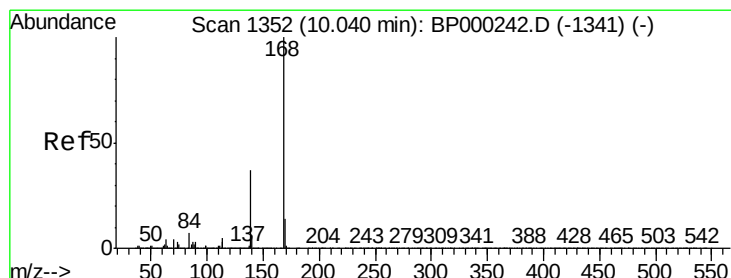
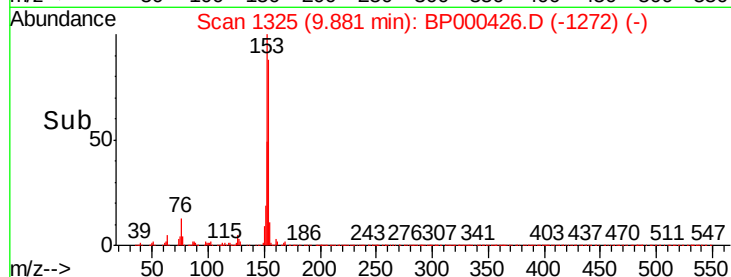
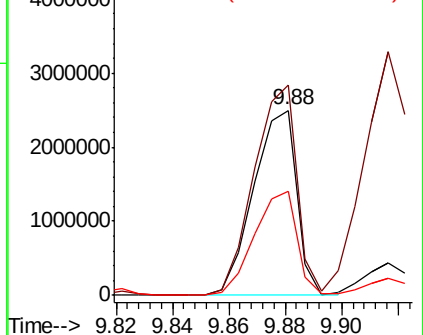
154 100

153 113.6 89.8 134.6

152 55.9 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



#55

Dibenzofuran

Concen: 90.598 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

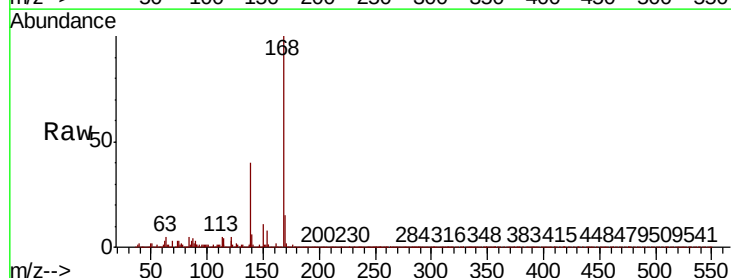
Tgt Ion:168 Resp: 3248129

Ion Ratio Lower Upper

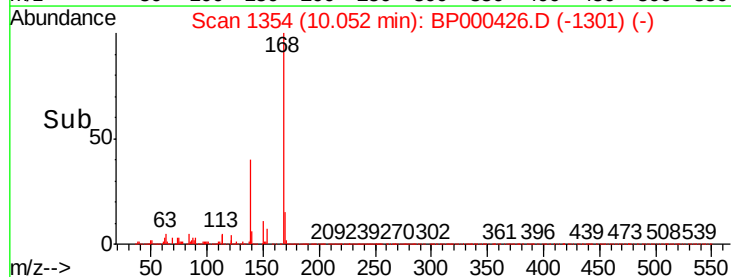
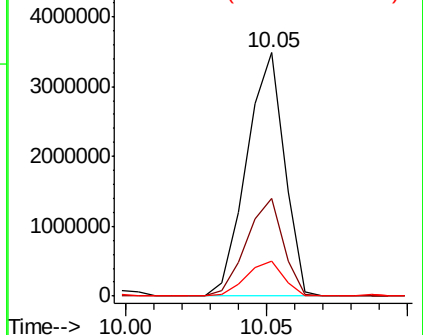
168 100

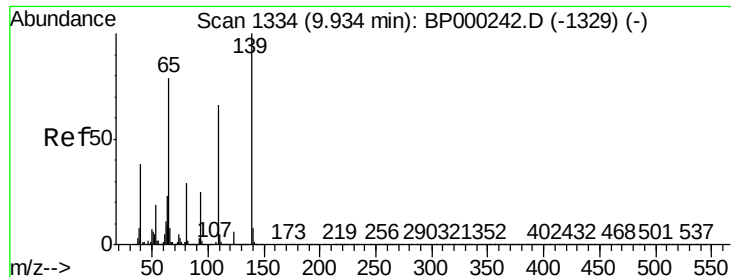
139 40.1 30.0 45.0

169 14.5 11.0 16.6



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





#56

4-Nitrophenol

Concen: 15.999 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.05 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

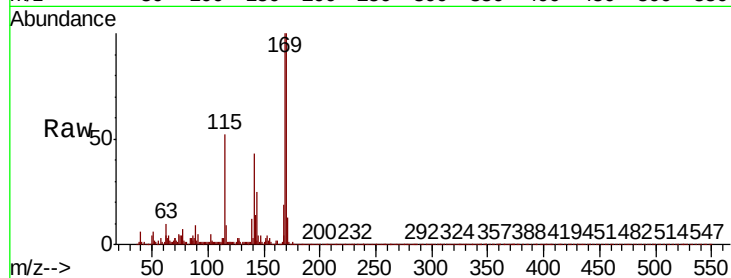
Tot Ion:139 Resp: 95332

Ion Ratio Lower Upper

139 100

109 11.5 46.2 86.2#

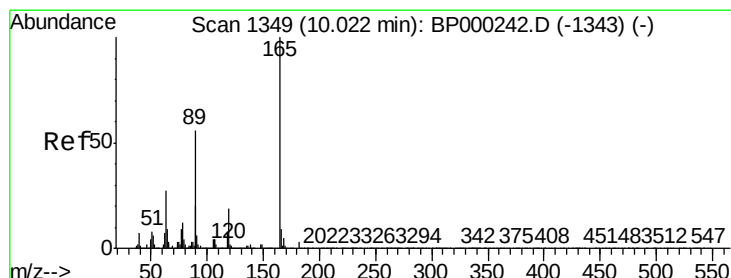
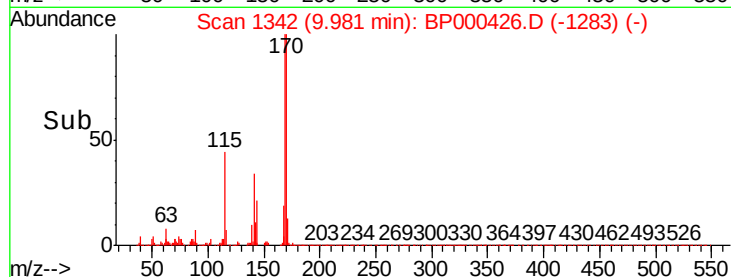
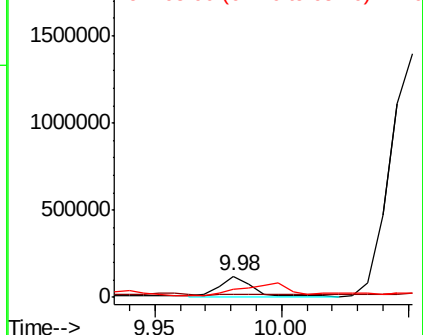
65 37.1 59.4 99.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



#57

2,4-Dinitrotoluene

Concen: 3.667 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:165 Resp: 33084

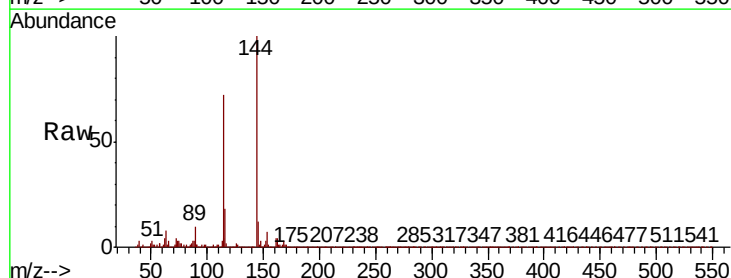
Ion Ratio Lower Upper

165 100

63 745.0 21.7 32.5#

89 972.1 45.0 67.6#

182 31.4 2.4 3.6#

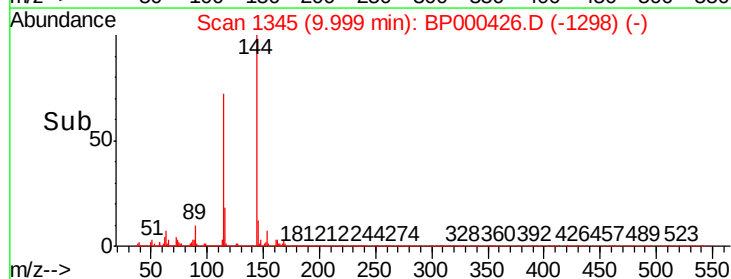
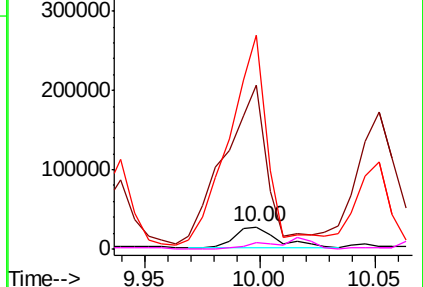


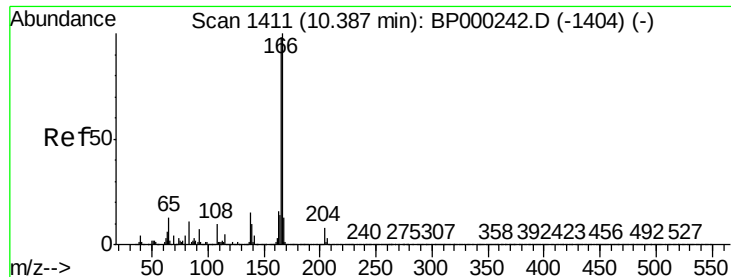
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 75.406 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

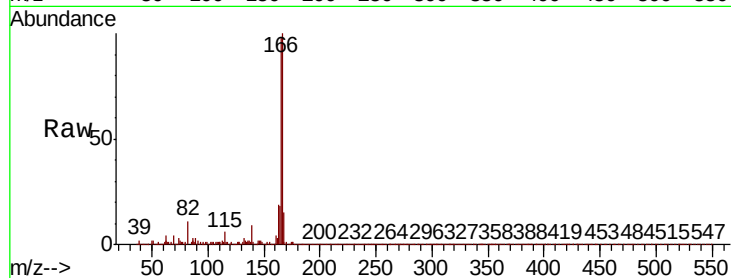
Instrument :

BNA_P

ClientSampleId :

Tot Ion:166 Resp: 2088139

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	14.7	10.7	16.1

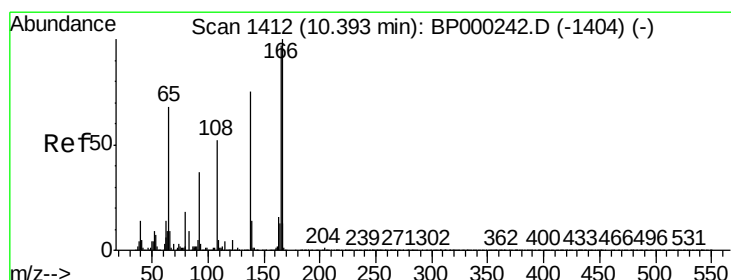
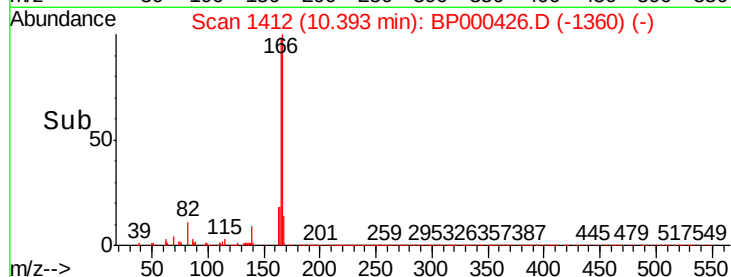
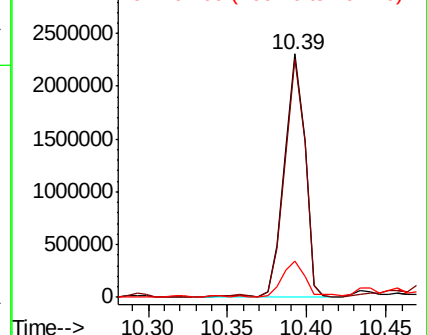


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

4-Nitroaniline

Concen: 3.196 ng

RT: 10.39 min Scan# 1412

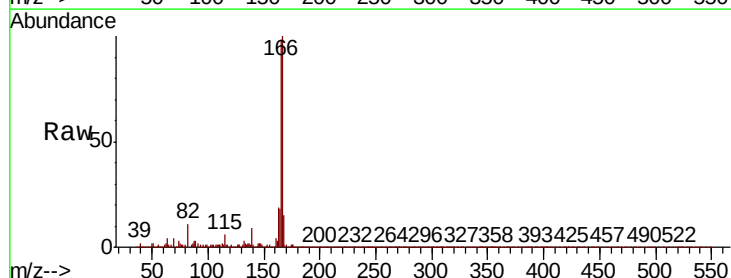
Delta R.T. 0.00 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:138 Resp: 25182

Ion	Ratio	Lower	Upper
138	100		
92	21.9	30.1	70.1#
108	40.9	49.5	89.5#

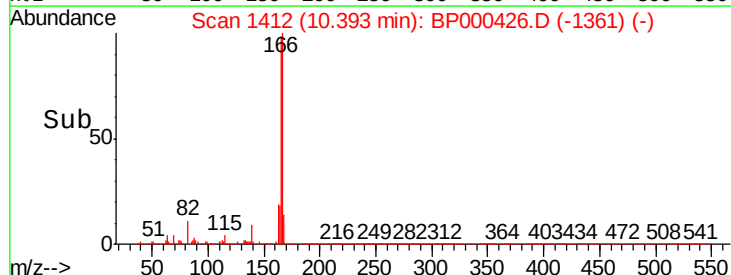
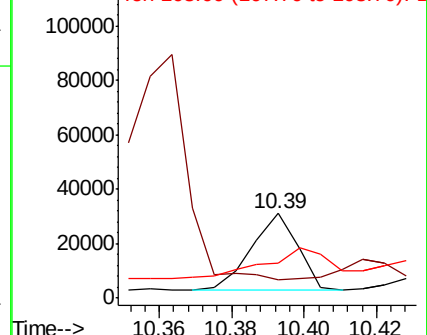


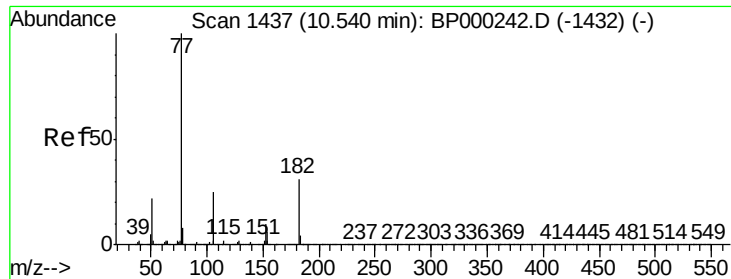
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

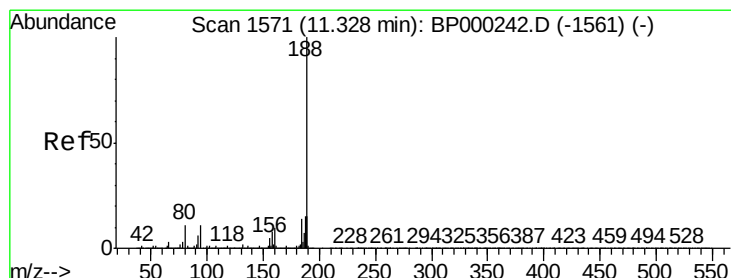
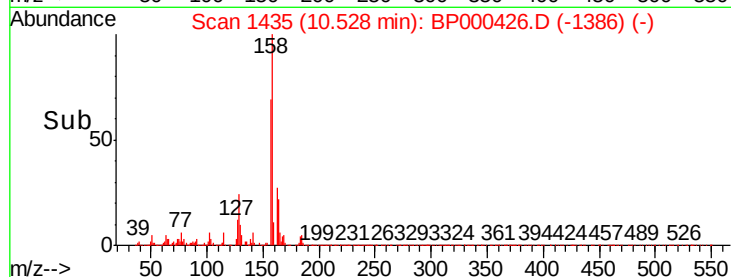
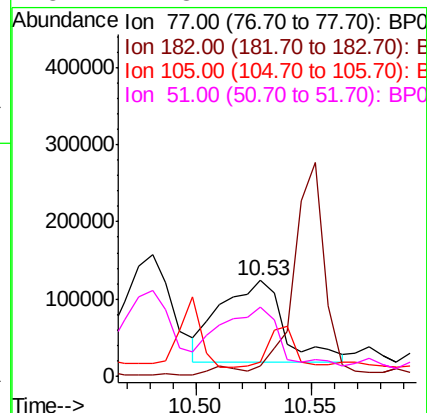
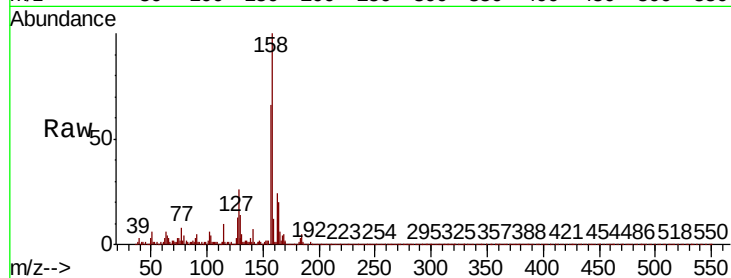




#63
Azobenzene
Concen: 7.980 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

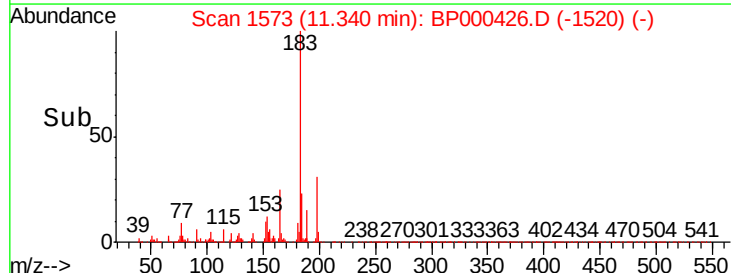
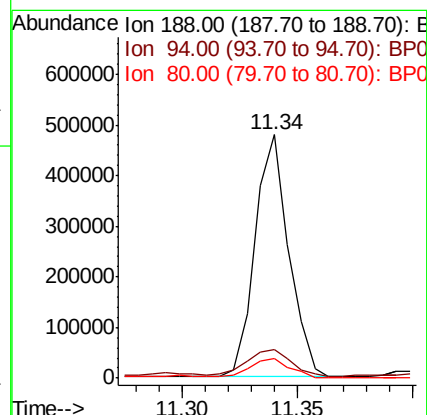
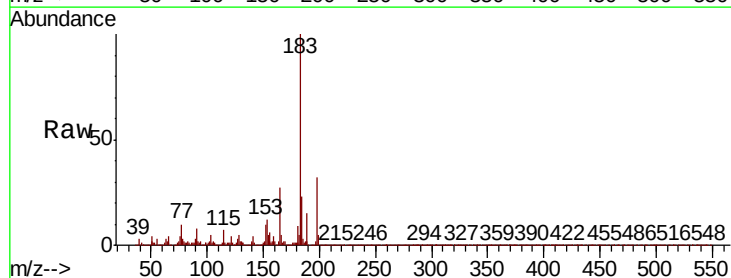
Instrument :
BNA_P
ClientSampleId :

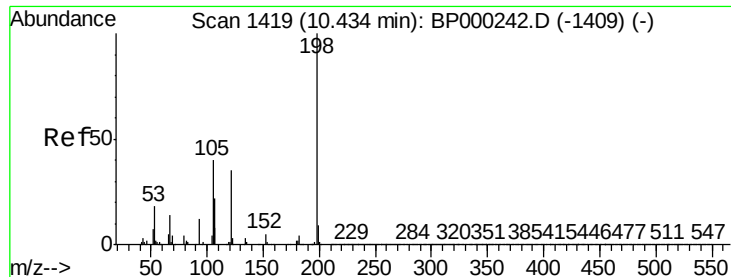
Tot Ion	Ratio	Lower	Upper
77	100		
182	11.4	11.1	51.1
105	14.8	4.7	44.7
51	72.8	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	7.9	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 2.647 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.03 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampled :

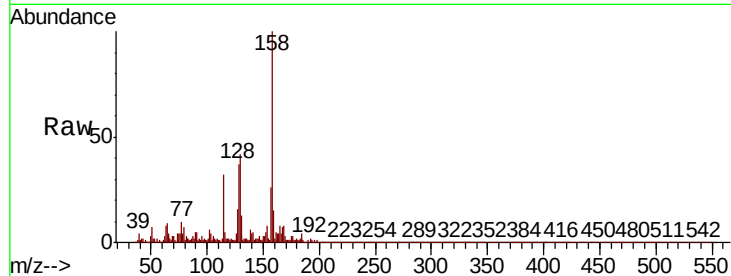
Tot Ion:198 Resp: 6085

Ion Ratio Lower Upper

198 100

51 610.8 7.4 47.4#

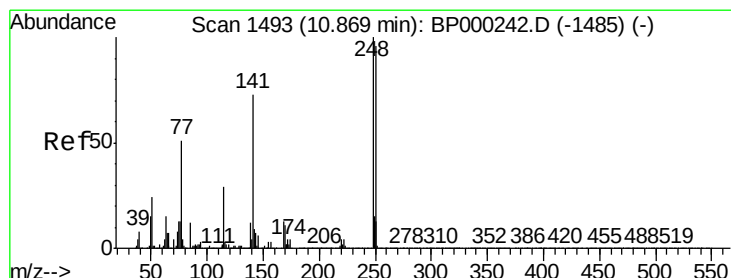
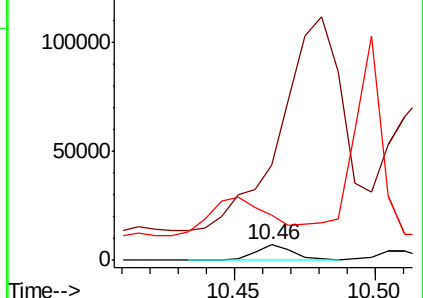
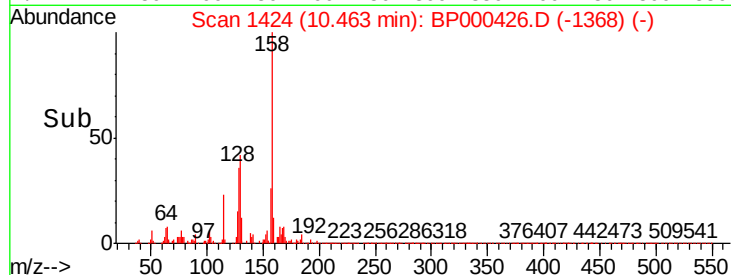
105 291.1 20.2 60.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BPO

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 6.382 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.23 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

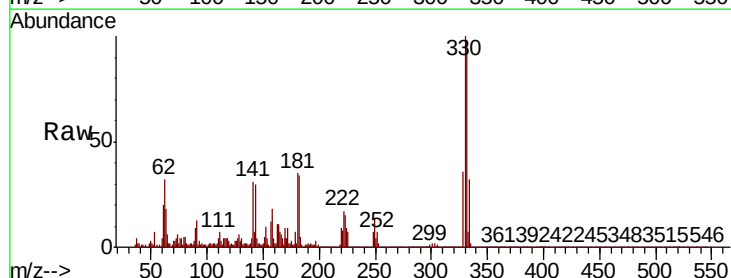
Tgt Ion:248 Resp: 35277

Ion Ratio Lower Upper

248 100

250 206.6 77.0 115.4#

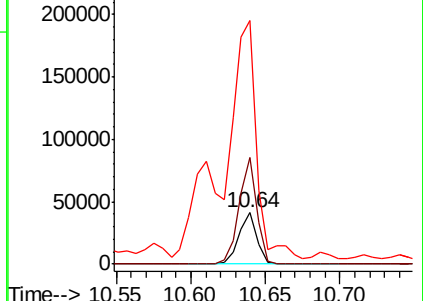
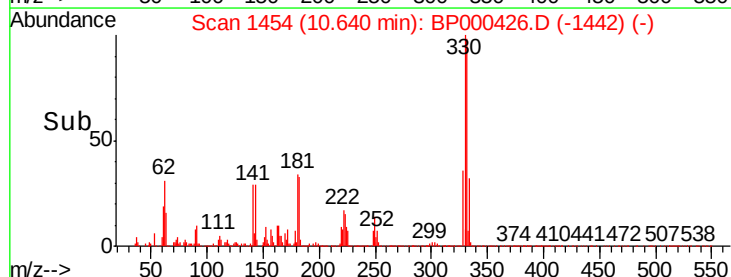
141 472.7 58.5 87.7#

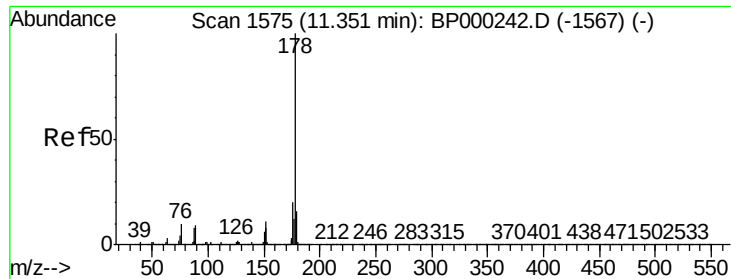


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 127.677 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.02 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

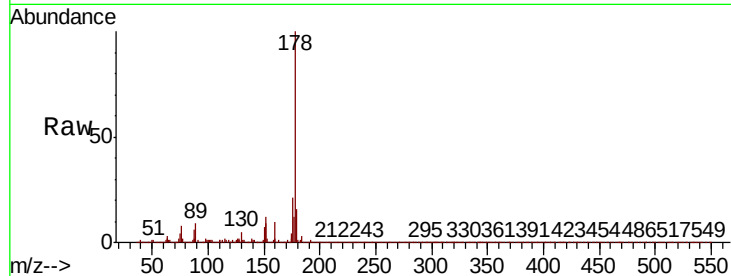
Tot Ion:178 Resp: 3127758

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.3	12.7	19.1

178 100

176 20.8 15.8 23.8

179 16.3 12.7 19.1

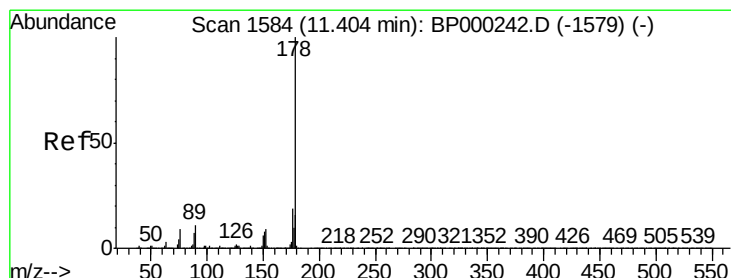
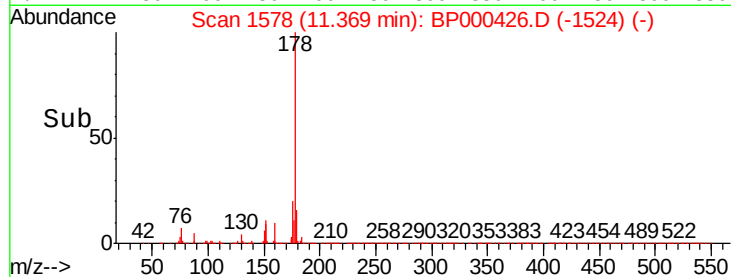
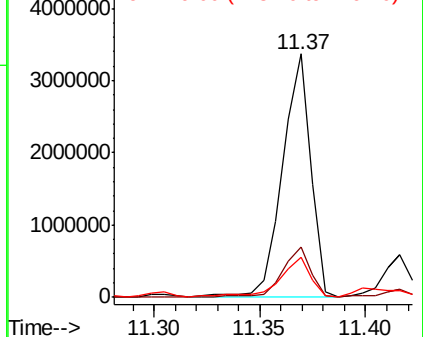


Abundance

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



#72

Anthracene

Concen: 19.963 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

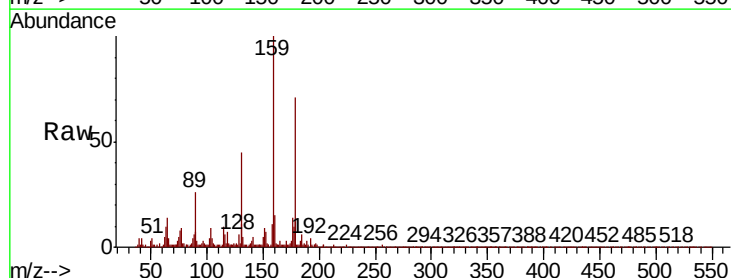
Tgt Ion:178 Resp: 503387

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.4	12.7	19.1

178 100

176 19.2 15.4 23.0

179 16.4 12.7 19.1

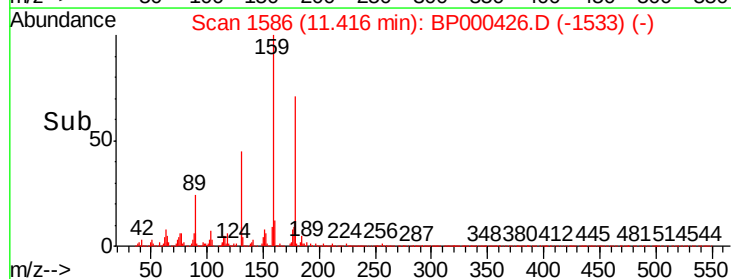
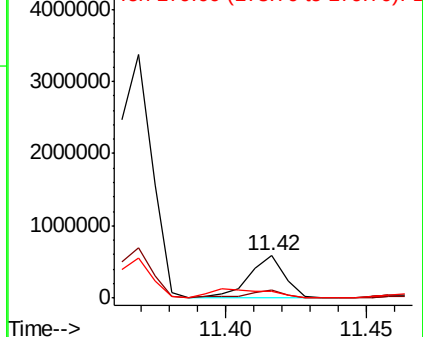


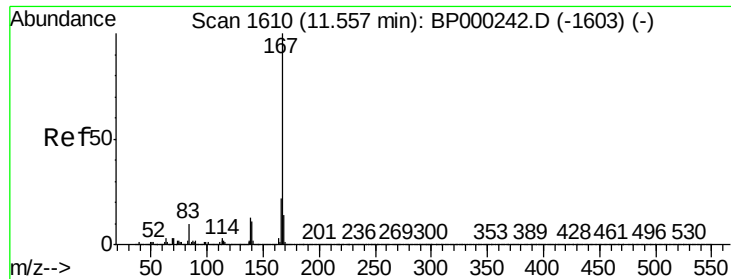
Abundance

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

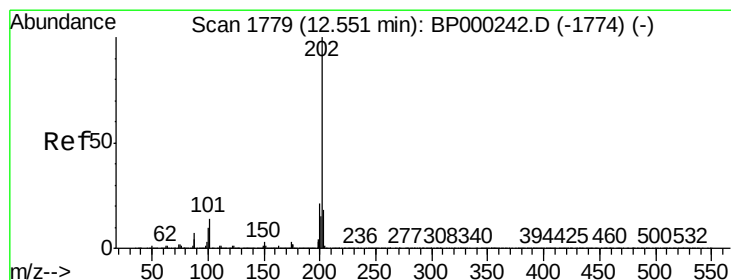
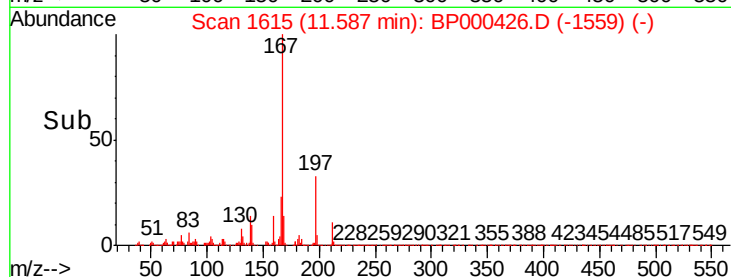
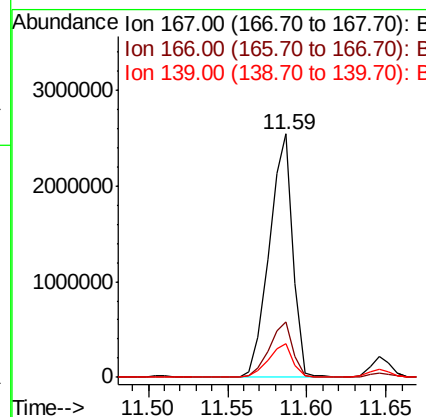
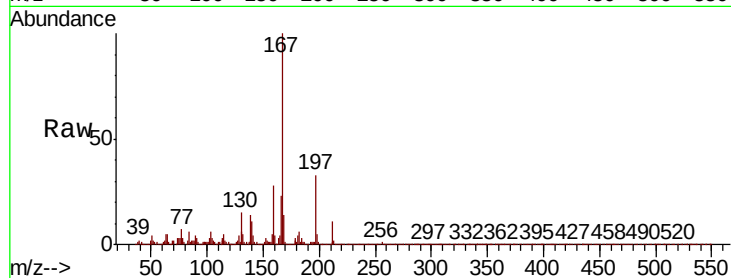




#73
 Carbazole
 Concen: 115.424 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.03 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

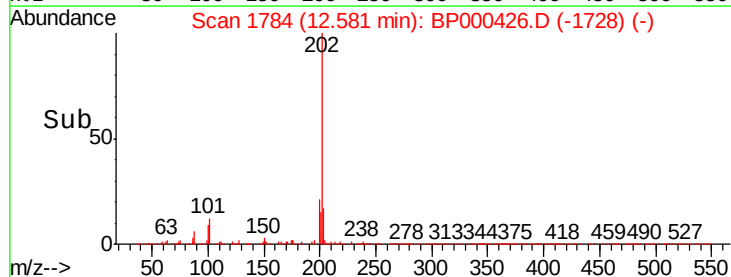
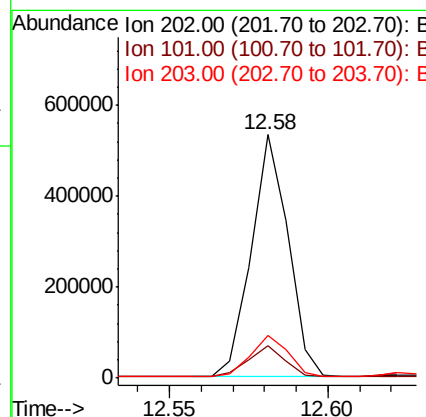
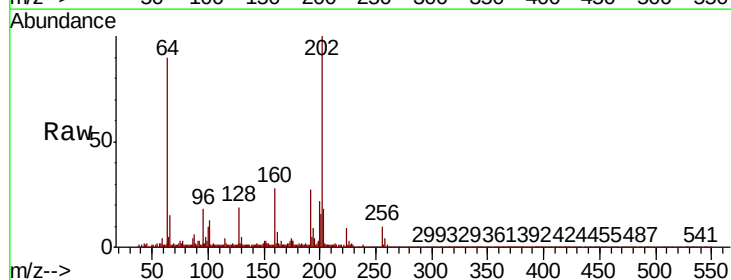
Instrument :
 BNA_P
 ClientSampleId :

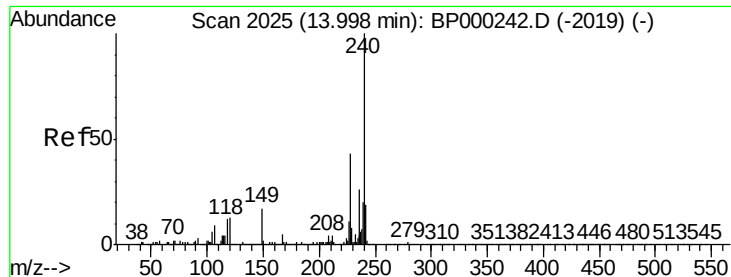
Tot Ion:167 Resp: 2621100
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 13.9 10.8 16.2



#75
 Fluoranthene
 Concen: 16.363 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.03 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion:202 Resp: 430440
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.9
 203 17.8 0.0 38.0

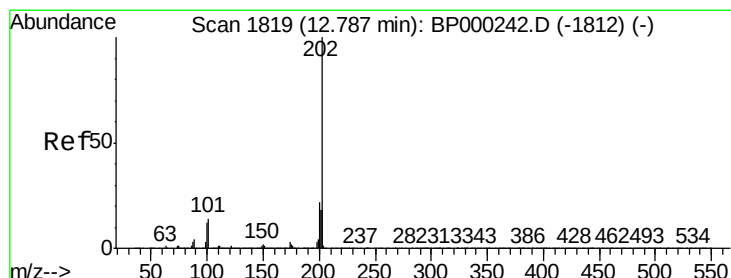
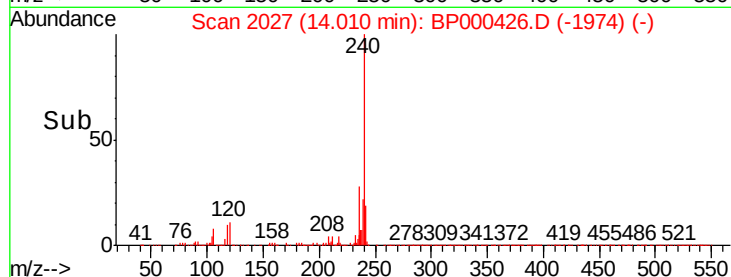
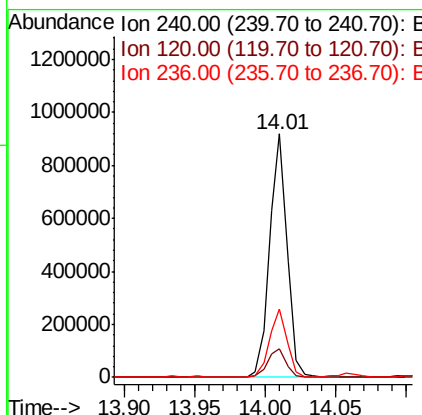
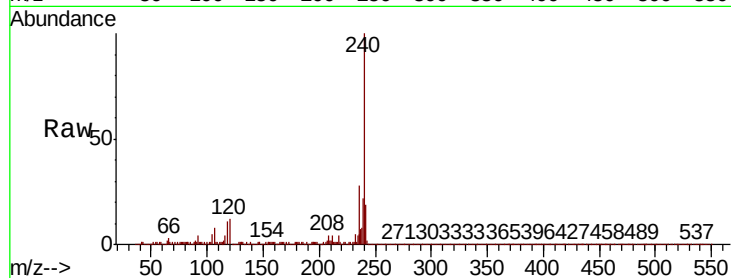




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

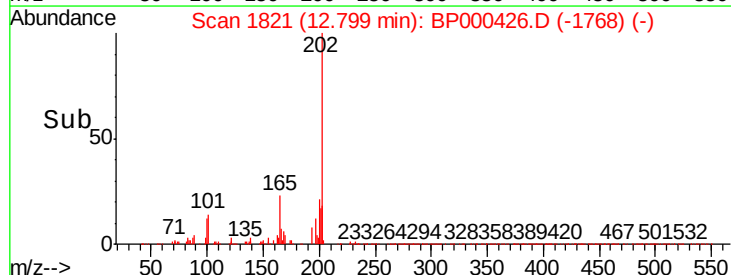
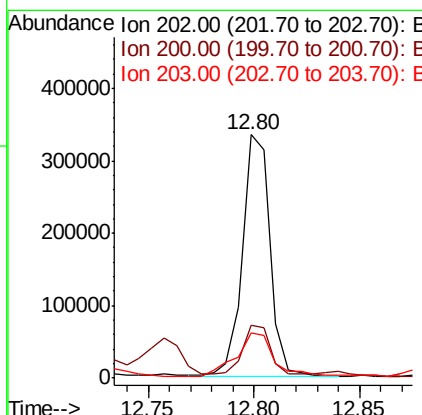
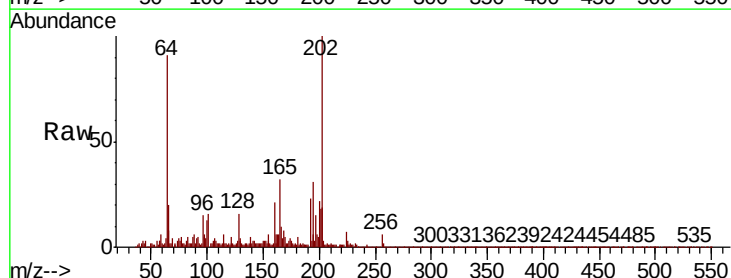
Instrument :
BNA_P
ClientSampleId :

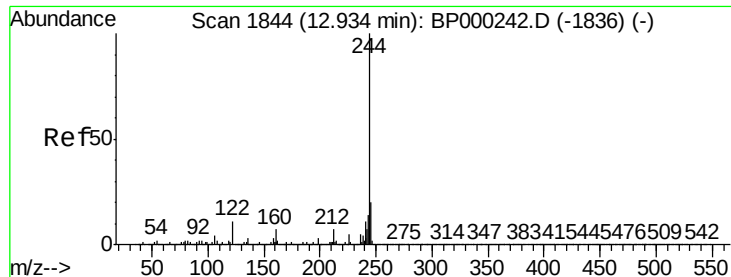
Tot Ion:240 Resp: 796431
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 27.9 21.0 31.6



#78
Pyrene
Concen: 5.021 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion:202 Resp: 299201
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 18.5 14.3 21.5

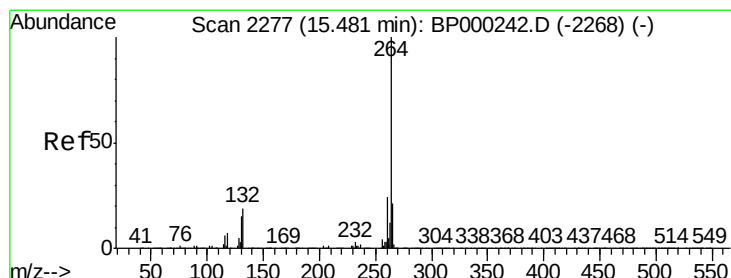
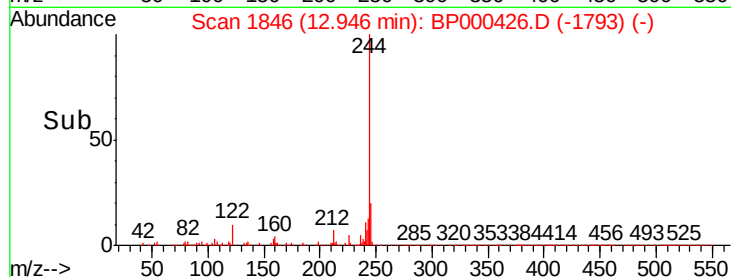
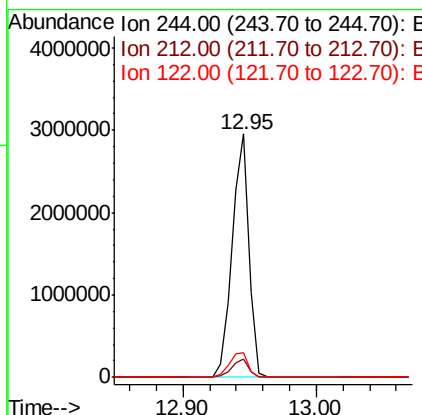
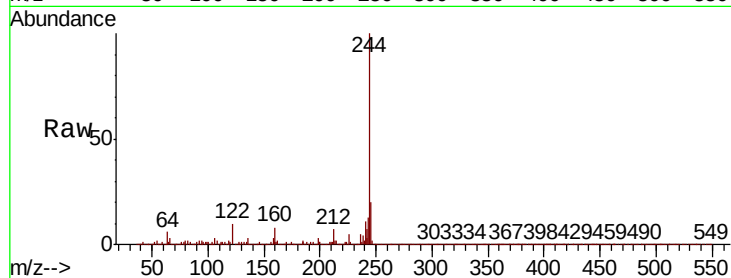




#79
 Terphenyl-d14
 Concen: 68.917 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2616375
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.4 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion:264 Resp: 886995
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.0 17.2 25.8

