

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000273.D
 Acq On : 17 Sep 2019 15:24
 Operator : HP/JU
 Sample : K4918-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 05:51:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	298631	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	946030	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	503047	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	900624	20.00	ng	0.00
76) Chrysene-d12	14.00	240	672357	20.00	ng	0.00
87) Perylene-d12	15.49	264	615081	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1480458	85.58	ng	0.01
7) Phenol-d6	6.43	99	1853388	87.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	868221	59.21	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	487398	97.68	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1993673	71.33	ng	0.00
79) Terphenyl-d14	12.93	244	2169210	67.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	31	0.004	ng	# 1
3) Pyridine	3.25	79	57	0.003	ng	# 51
4) n-Nitrosodimethylamine	3.19	42	105	0.018	ng	# 1
6) Aniline	6.44	93	1338	0.046	ng	# 1
8) 2-Chlorophenol	6.69	128	76	0.004	ng	# 85
9) Benzaldehyde	6.34	77	1489	Below Cal		# 79
10) Phenol	6.44	94	13447	0.558	ng	# 70
11) bis(2-Chloroethyl)ether	6.50	93	227	0.012	ng	# 37
12) 1,3-Dichlorobenzene	6.76	146	96	0.004	ng	# 43
13) 1,4-Dichlorobenzene	6.80	146	203	0.009	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	188	0.009	ng	# 1
15) Benzyl Alcohol	6.95	79	18187	1.179	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.08	45	57	0.003	ng	# 1
17) 2-Methylphenol	7.20	107	4322	0.271	ng	# 88
18) Hexachloroethane	7.30	117	372	0.045	ng	# 30
19) n-Nitroso-di-n-propylamine	7.35	70	107906	9.625	ng	# 76
20) 3+4-Methylphenols	7.20	107	4470	0.232	ng	# 70
22) Acetophenone	7.19	105	1721	0.084	ng	# 77
24) Nitrobenzene	7.35	77	3527	0.232	ng	# 36
25) Isophorone	7.35	82	867275	29.871	ng	# 63
26) 2-Nitrophenol	7.69	139	77	0.010	ng	# 1
27) 2,4-Dimethylphenol	7.73	122	1632	0.127	ng	# 88
28) bis(2-Chloroethoxy)methane	7.83	93	67	0.003	ng	# 3
29) 2,4-Dichlorophenol	7.94	162	75	0.005	ng	# 1
30) 1,2,4-Trichlorobenzene	8.00	180	22	0.001	ng	# 1
31) Naphthalene	8.09	128	97057	2.215	ng	# 100
32) Benzoic acid	7.86	122	2110	0.243	ng	# 31
33) 4-Chloroaniline	8.09	127	13362	0.674	ng	# 36
34) Hexachlorobutadiene	8.23	225	25	0.003	ng	# 35
35) Caprolactam	8.46	113	2031	0.433	ng	# 93
36) 4-Chloro-3-methylphenol	8.64	107	322	0.023	ng	# 65
37) 2-Methylnaphthalene	8.79	142	38190	1.275	ng	# 100
38) 1-Methylnaphthalene	8.89	142	47511	1.693	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	46	0.003	ng	# 1

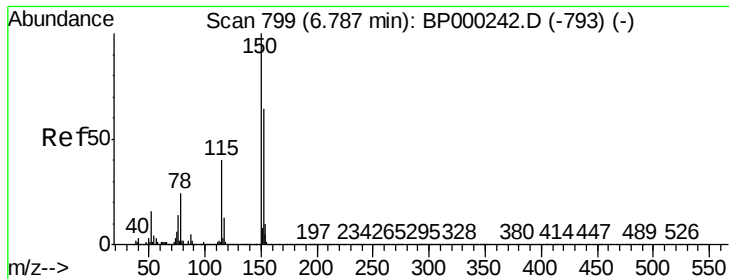
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	26	0.003	nq	76
43) 2,4,6-Trichlorophenol	9.07	196	77	0.008	nq #	45
44) 2,4,5-Trichlorophenol	9.10	196	32	0.003	nq #	1
46) 1,1'-Biphenyl	9.25	154	20787	0.597	nq	98
47) 2-Chloronaphthalene	9.53	162	375	0.013	nq	93
48) 2-Nitroaniline	9.35	65	214	0.029	nq #	40
49) Acenaphthylene	9.69	152	172950	3.941	nq	99
50) Dimethylphthalate	9.55	163	231649	6.759	nq	98
51) 2,6-Dinitrotoluene	9.55	165	2937	0.390	nq #	24
52) Acenaphthene	9.86	154	214244	7.737	nq	97
53) 3-Nitroaniline	9.76	138	237	0.027	nq #	73
54) 2,4-Dinitrophenol	9.86	184	15	0.005	nq #	1
55) Dibenzofuran	10.04	168	218714	5.587	nq	96
56) 4-Nitrophenol	10.04	139	78868	12.123	nq #	14
57) 2,4-Dinitrotoluene	9.99	165	2790	0.283	nq #	58
58) Fluorene	10.38	166	177623	5.875	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	41	0.005	nq #	1
60) Diethylphthalate	10.25	149	1307	0.040	nq #	85
61) 4-Chlorophenyl-phenylether	10.36	204	124	0.008	nq #	1
62) 4-Nitroaniline	10.29	138	309	0.036	nq	91
63) Azobenzene	10.54	77	3378	0.121	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.45	198	127	0.030	nq #	1
66) n-Nitrosodiphenylamine	10.50	169	5079	0.187	nq #	22
67) 4-Bromophenyl-phenylether	10.62	248	32993	3.240	nq #	1
68) Hexachlorobenzene	10.94	284	53	0.005	nq #	1
69) Atrazine	11.03	200	273	Below Cal	#	1
70) Pentachlorophenol	11.18	266	26	0.004	nq	93
71) Phenanthrene	11.36	178	4691210	103.943	nq	97
72) Anthracene	11.40	178	904681	19.474	nq	100
73) Carbazole	11.56	167	621208	14.848	nq	98
74) Di-n-butylphthalate	11.90	149	7478	0.141	nq #	77
75) Fluoranthene	12.57	202	6398372	132.027	nq	94
77) Benzidine	12.93	184	30227	1.259	nq	95
78) Pyrene	12.80	202	5652512	112.368	nq	96
80) Butylbenzylphthalate	13.45	149	320	0.014	nq #	33
81) Benzo(a)anthracene	13.99	228	2990517	70.413	nq	97
82) 3,3'-Dichlorobenzidine	13.94	252	1206	0.071	nq #	62
83) Chrysene	14.03	228	2695210	64.633	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	14050	0.506	nq #	88
85) Di-n-octyl phthalate	14.64	149	4041	0.079	nq #	68
86) Indeno(1,2,3-cd)pyrene	16.81	276	208522	4.102	nq	93
88) Benzo(b)fluoranthene	15.06	252	4074949	111.054	nq	97
89) Benzo(k)fluoranthene	15.06	252	4074949	127.312	nq	97
90) Benzo(a)pyrene	15.43	252	1920492	57.520	nq	97
91) Dibenzo(a,h)anthracene	16.99	278	295260	9.485	nq	95
92) Benzo(g,h,i)perylene	17.43	276	1060542	33.145	nq	96

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

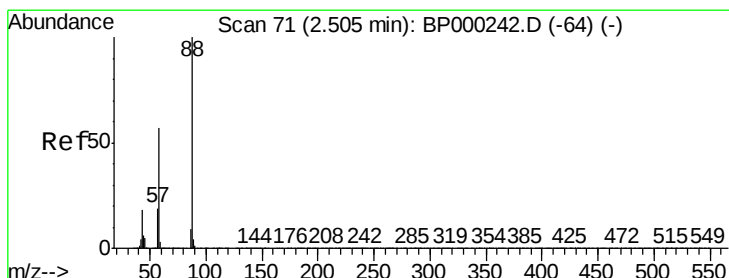
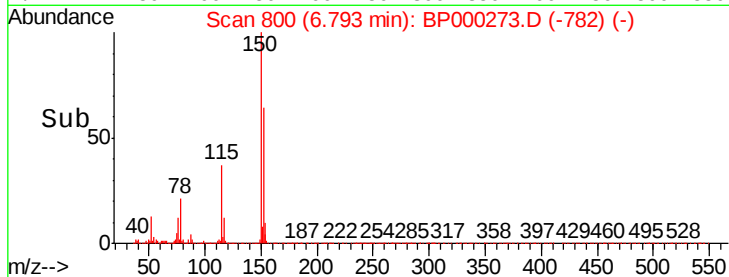
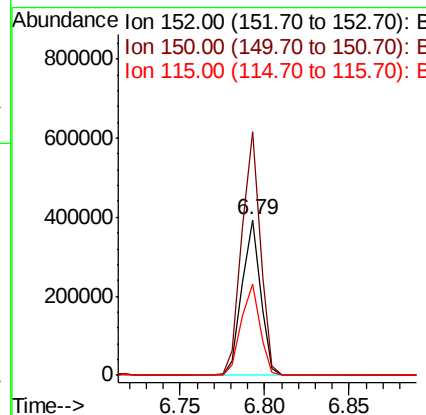
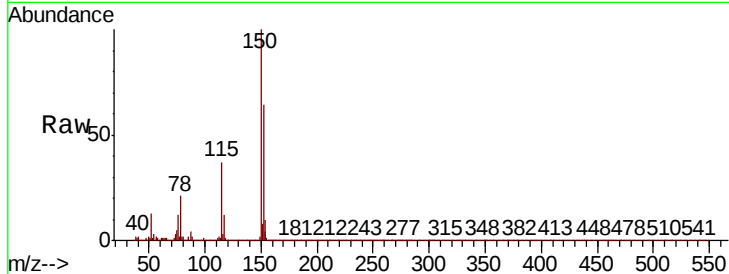


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Instrument :
BNA_P
ClientSampleId :

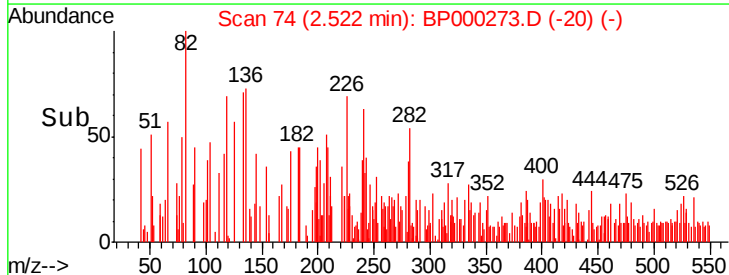
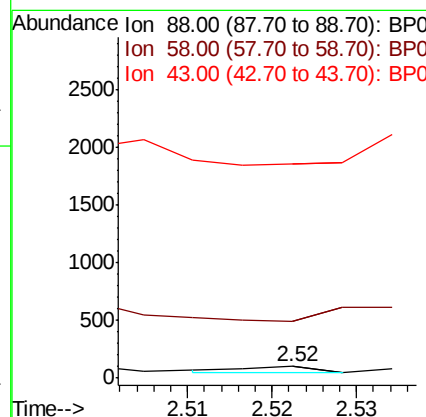
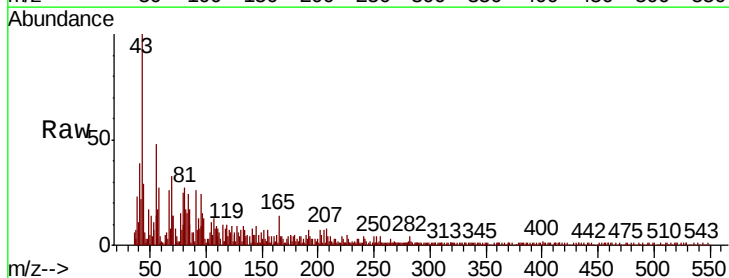
Tot Ion:152 Resp: 298631
Ion Ratio Lower Upper
152 100
150 156.2 125.2 187.8
115 58.4 49.7 74.5

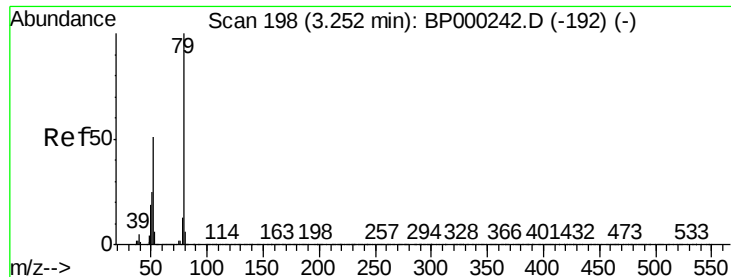


#2

1,4-Dioxane
Concen: 0.004 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
58 509.7 45.4 68.2#
43 2687.1 15.0 22.6#

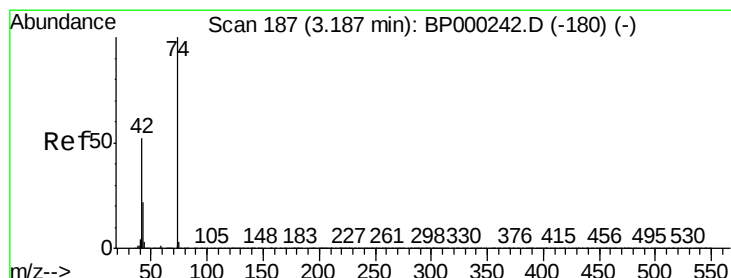
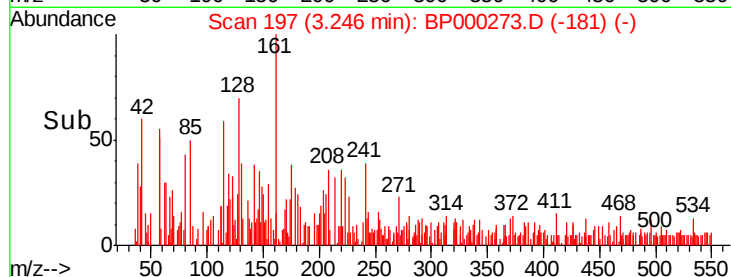
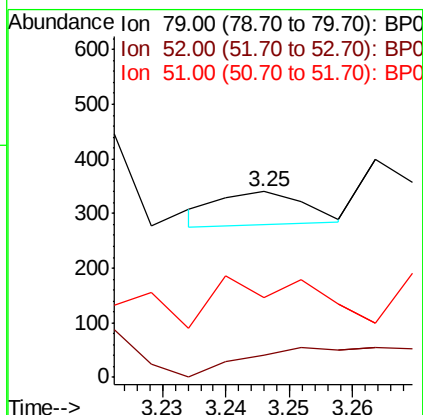
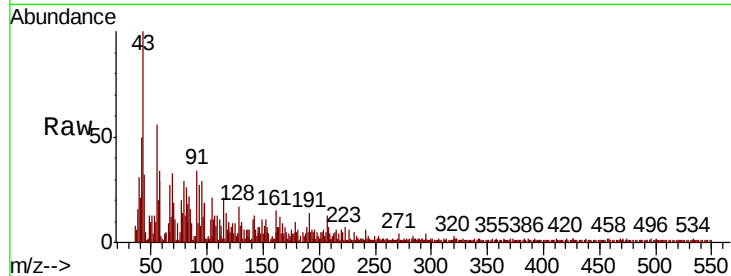




#3
 Pvridine
 Concen: 0.003 ng
 RT: 3.25 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

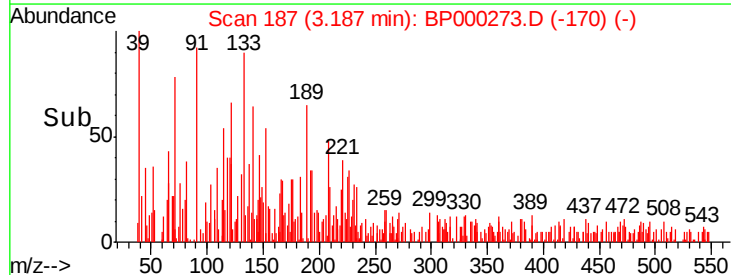
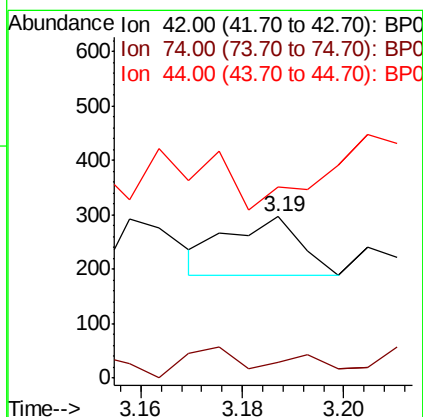
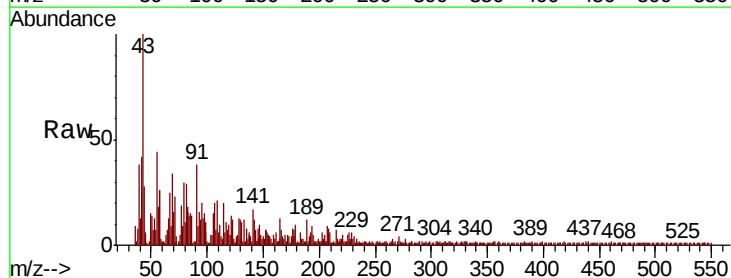
Instrument :
 BNA_P
 ClientSampled :

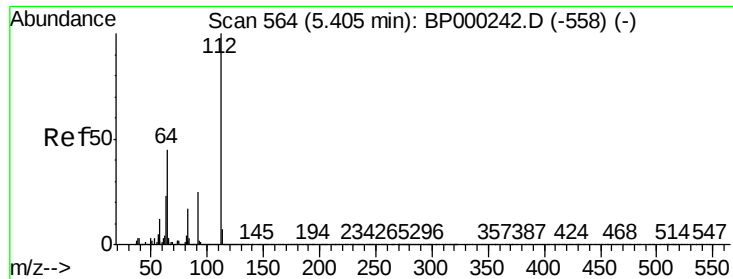
Tot Ion: 79 Resp: 57
 Ion Ratio Lower Upper
 79 100
 52 12.1 40.9 61.3#
 51 43.2 20.2 30.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.018 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion: 42 Resp: 105
 Ion Ratio Lower Upper
 42 100
 74 10.1 154.5 231.7#
 44 118.2 5.9 8.9#





#5

2-Fluorophenol

Concen: 85.584 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

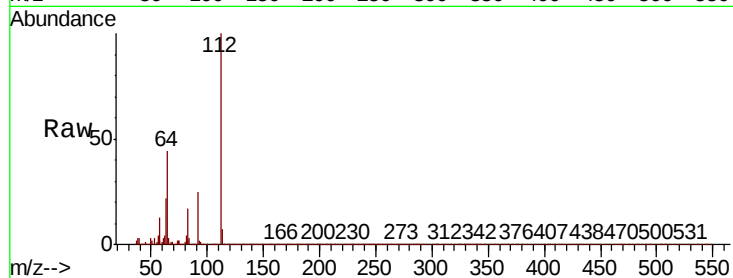
Tot Ion:112 Resp: 1480458

Ion Ratio Lower Upper

112 100

64 43.8 36.2 54.4

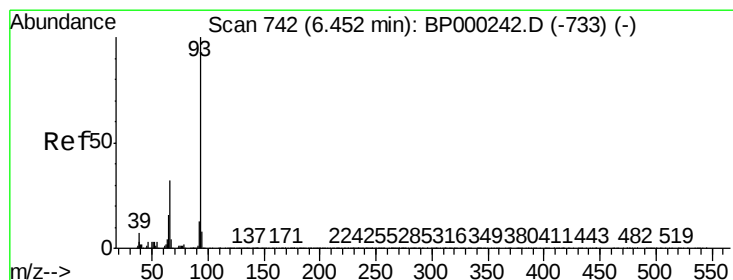
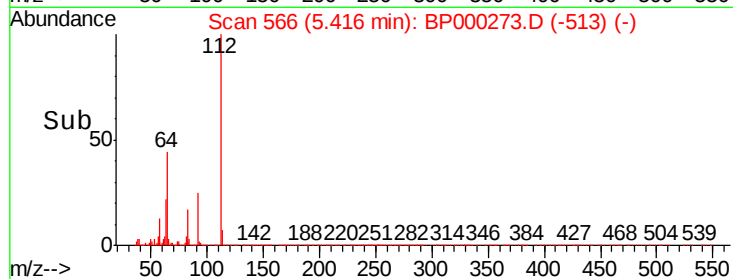
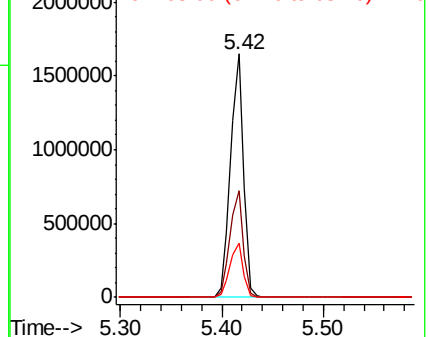
63 22.5 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.046 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

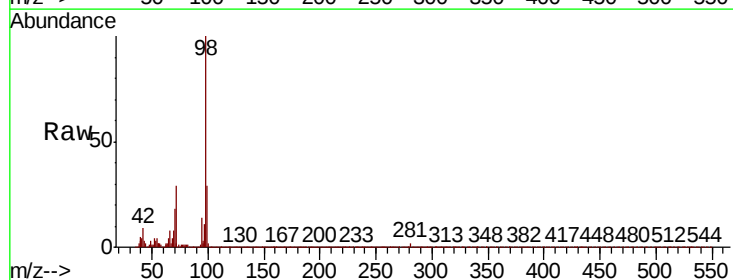
Tgt Ion: 93 Resp: 1338

Ion Ratio Lower Upper

93 100

66 1240.9 26.2 39.2#

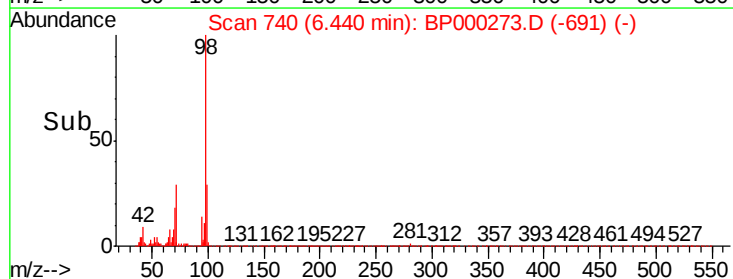
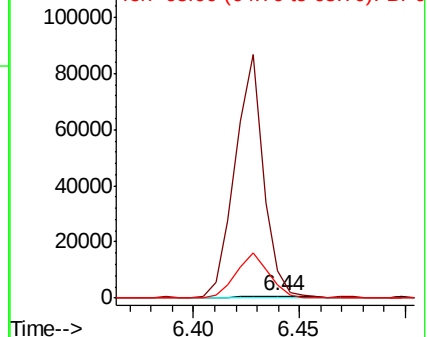
65 619.3 12.7 19.1#

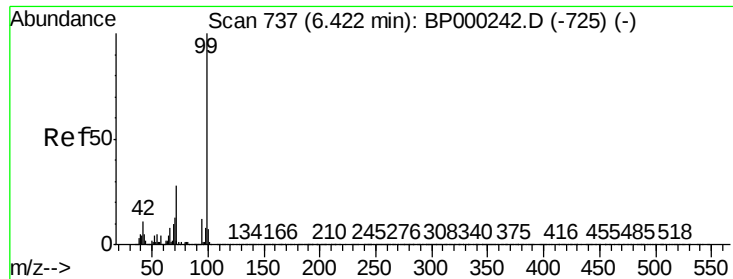


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 87.407 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

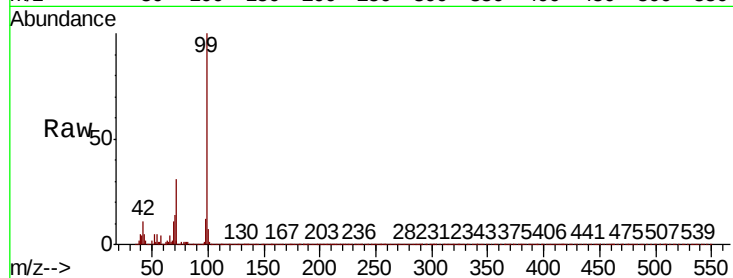
Tot Ion: 99 Resp: 1853388

Ion Ratio Lower Upper

99 100

42 11.4 8.5 12.7

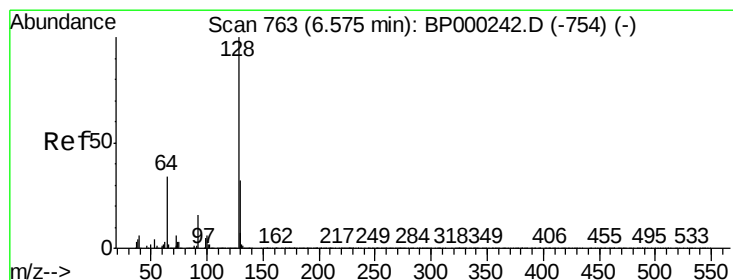
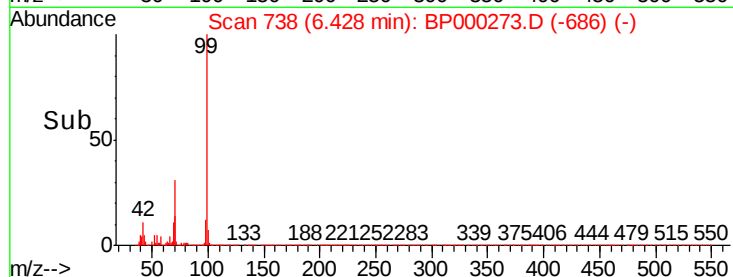
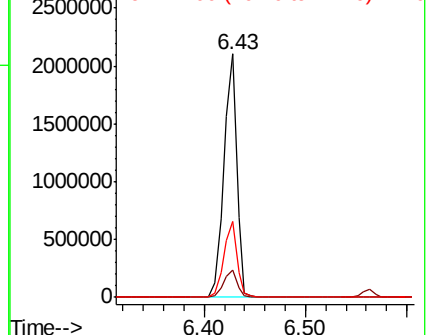
71 31.4 22.6 34.0



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



#8

2-Chlorophenol

Concen: 0.004 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.11 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

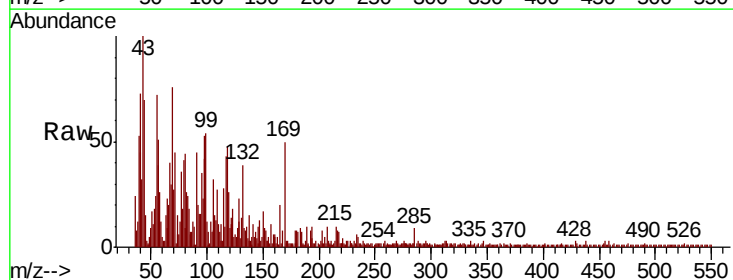
Tgt Ion: 128 Resp: 76

Ion Ratio Lower Upper

128 100

130 18.3 12.5 52.5

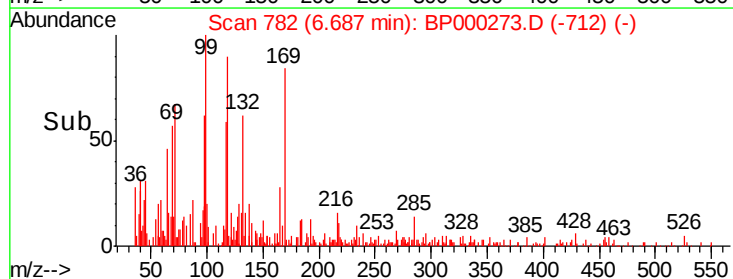
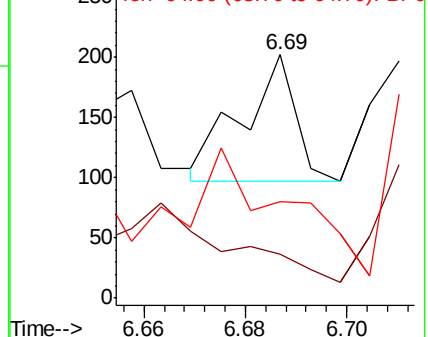
64 39.6 16.0 56.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

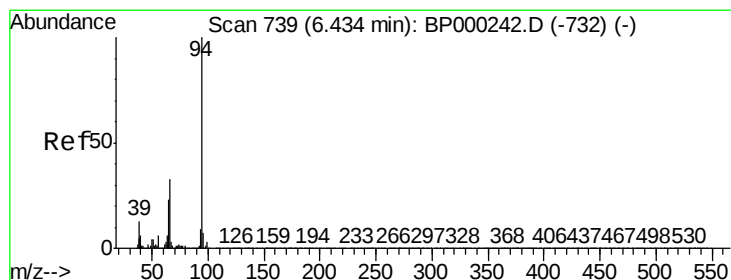
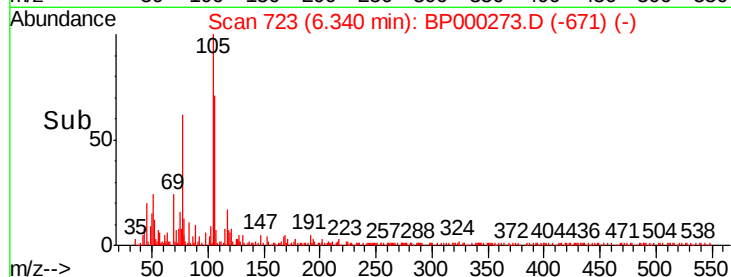
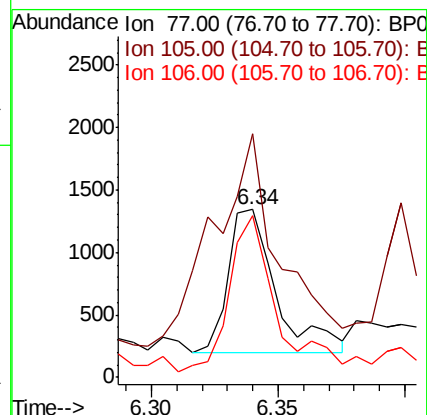
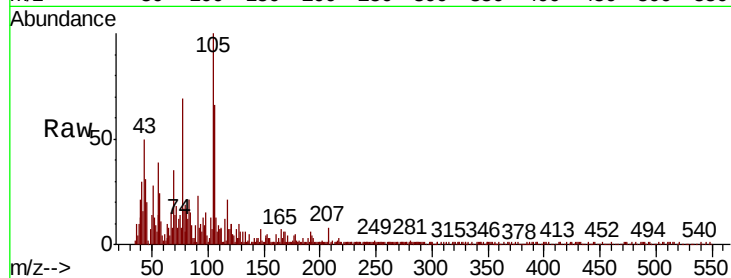
Tot Ion: 77 Resp: 1489

Ion Ratio Lower Upper

77 100

105 145.4 89.6 129.6#

106 96.3 84.6 124.6



#10

Phenol

Concen: 0.558 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

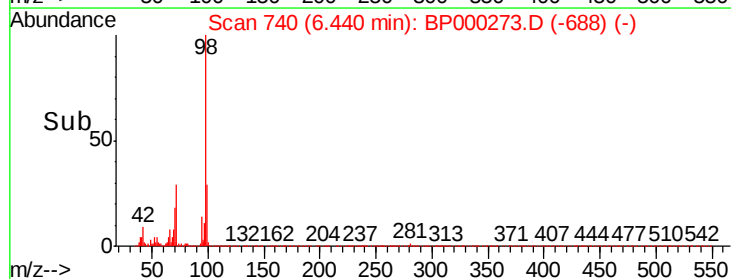
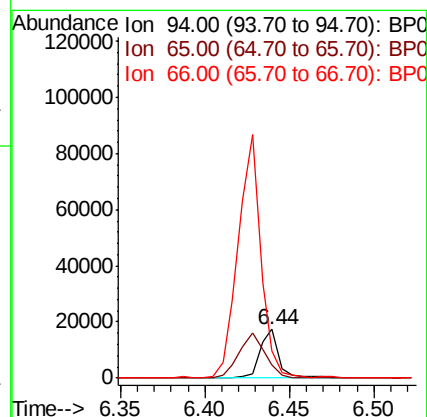
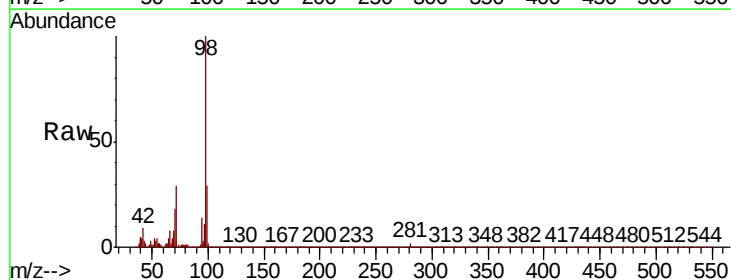
Tgt Ion: 94 Resp: 13447

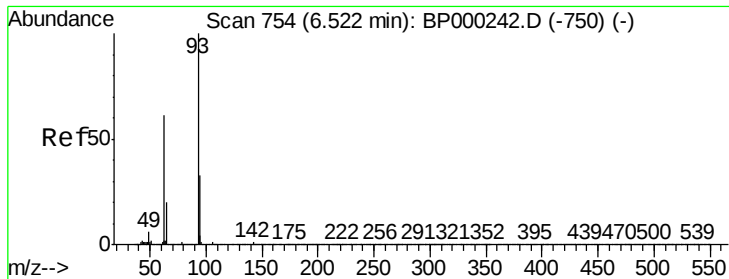
Ion Ratio Lower Upper

94 100

65 28.4 3.3 43.3

66 57.0 12.7 52.7#

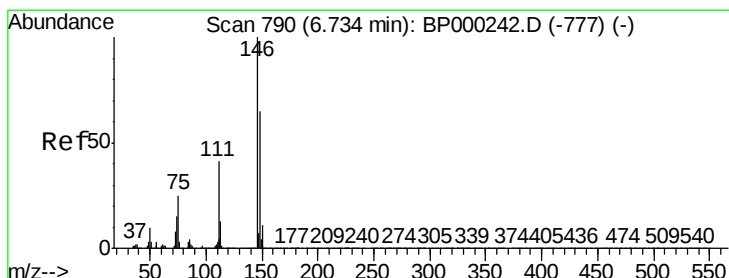
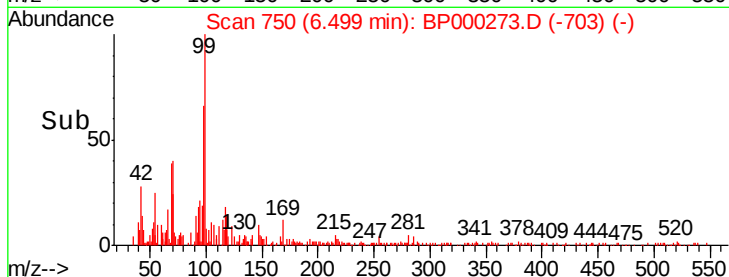
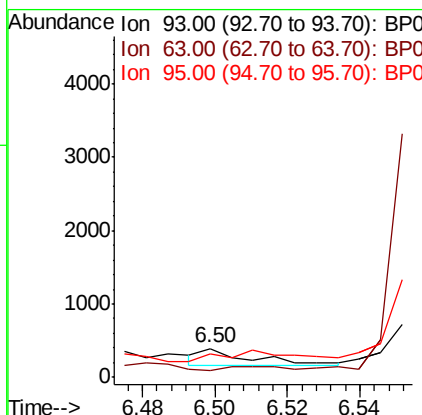
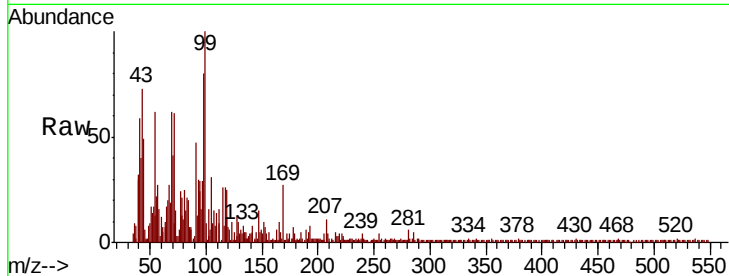




#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

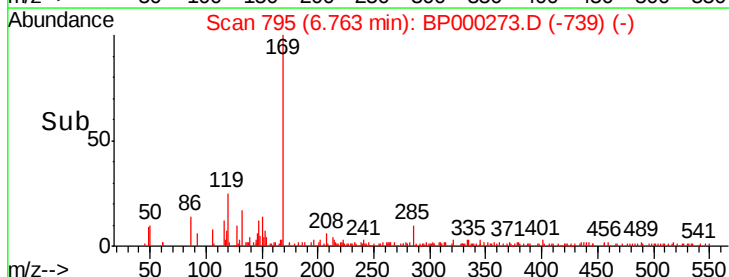
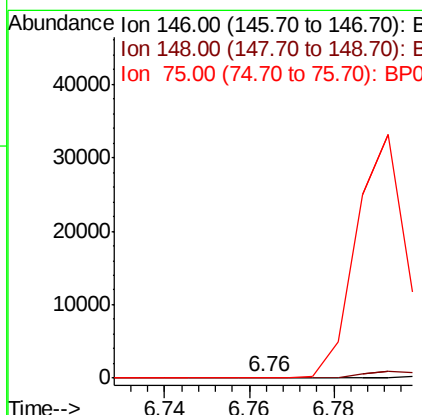
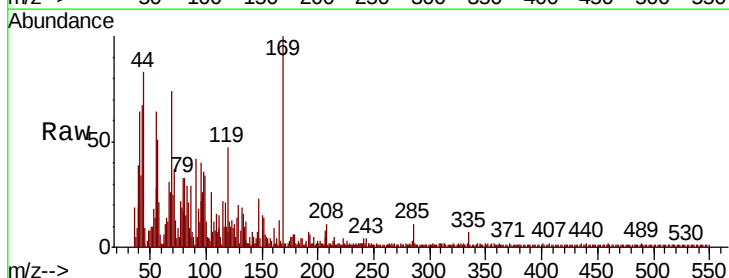
Instrument :
BNA_P
ClientSampleId :

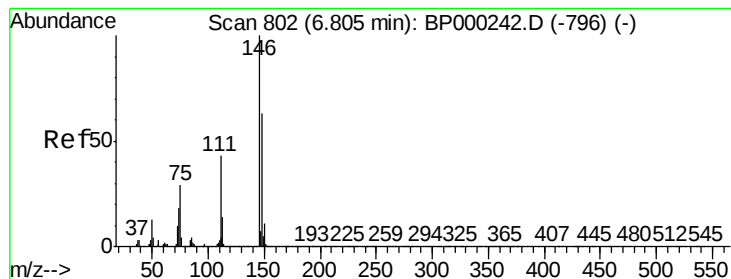
Tot Ion: 93 Resp: 227
Ion Ratio Lower Upper
93 100
63 22.0 41.0 81.0#
95 81.1 12.7 52.7#



#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.03 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion: 146 Resp: 96
Ion Ratio Lower Upper
146 100
148 61.8 52.1 78.1
75 122.4 20.2 30.4#





#13

1,4-Dichlorobenzene

Concen: 0.009 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

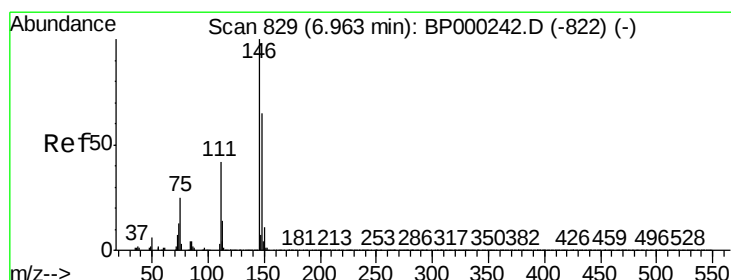
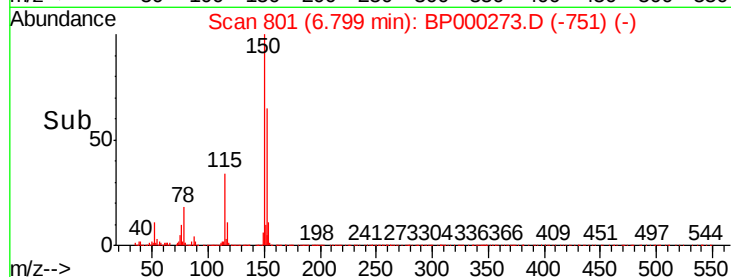
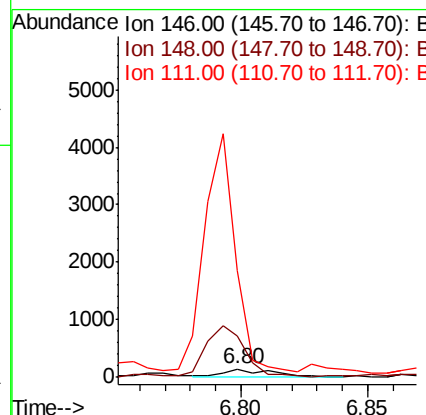
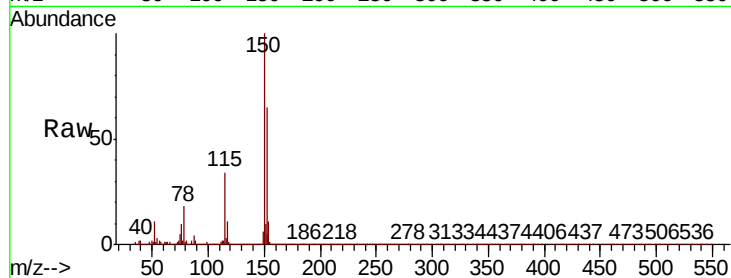
Instrument :

BNA_P

ClientSampled :

Tot Ion:146 Resp: 203

Ion	Ratio	Lower	Upper
146	100		
148	487.7	50.7	76.1#
111	1274.0	34.1	51.1#



#14

1,2-Dichlorobenzene

Concen: 0.009 ng

RT: 6.95 min Scan# 826

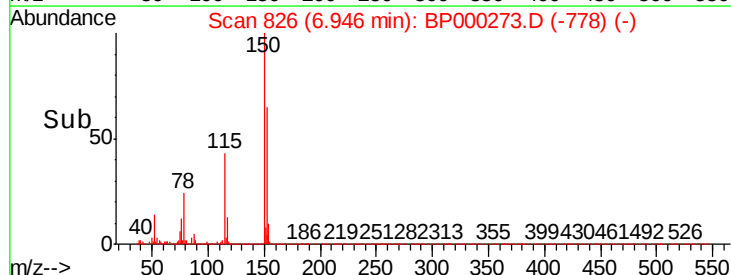
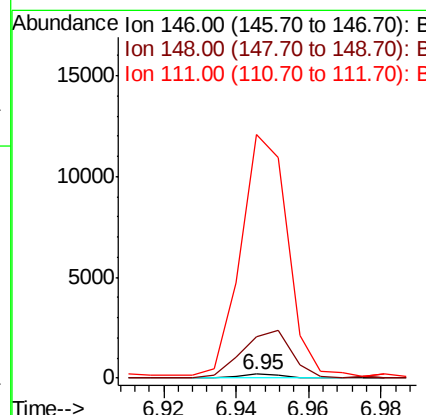
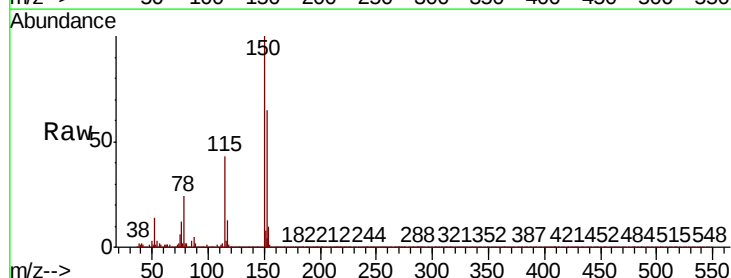
Delta R.T. -0.02 min

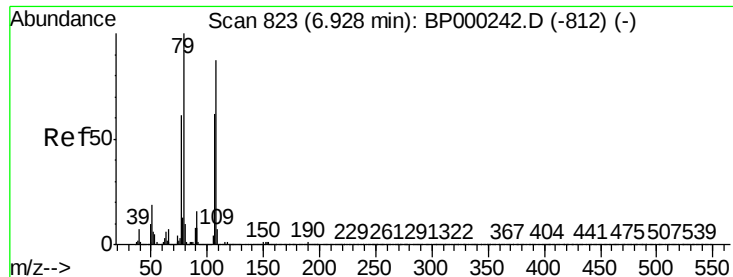
Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Tgt Ion:146 Resp: 188

Ion	Ratio	Lower	Upper
146	100		
148	1054.4	51.7	77.5#
111	6258.0	33.4	50.2#





#15

Benzyl Alcohol

Concen: 1.179 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

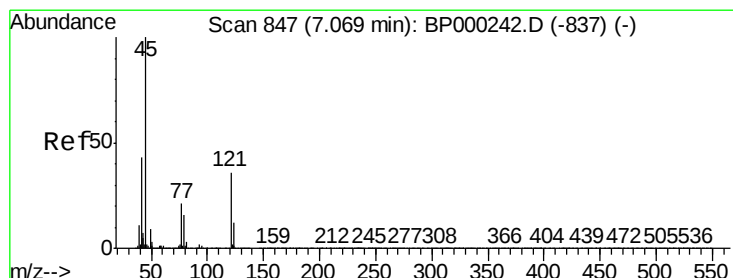
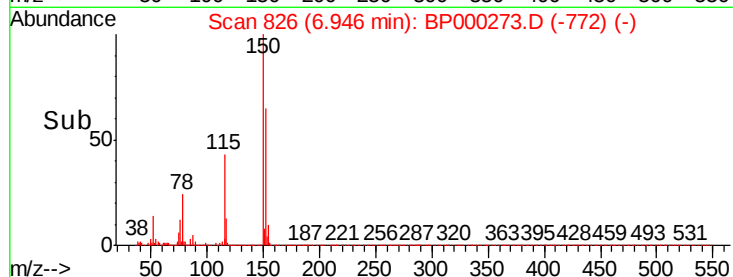
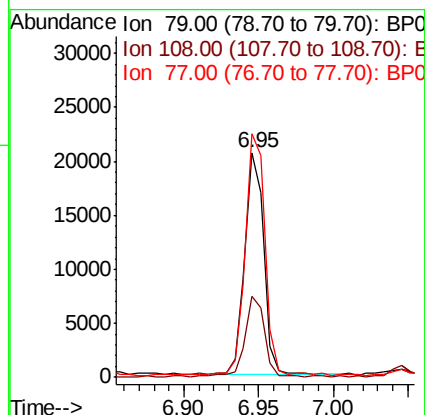
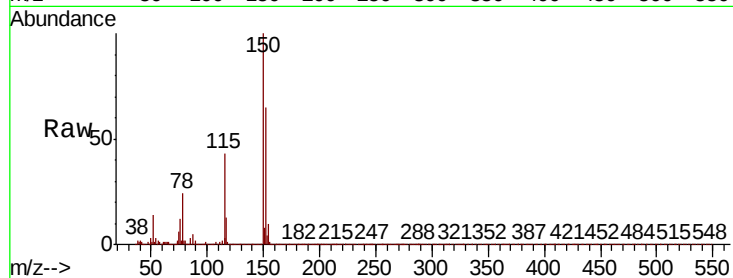
Tot Ion: 79 Resp: 18187

Ion Ratio Lower Upper

79 100

108 36.0 69.2 103.8#

77 108.4 48.7 73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.003 ng

RT: 7.08 min Scan# 848

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

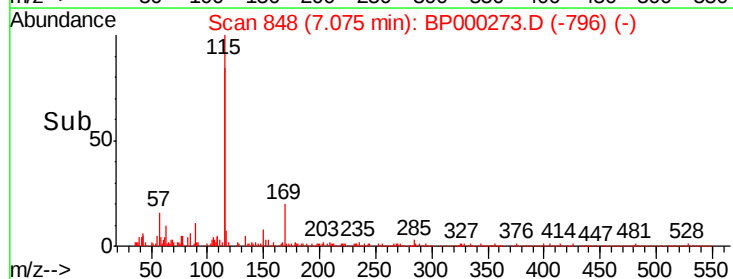
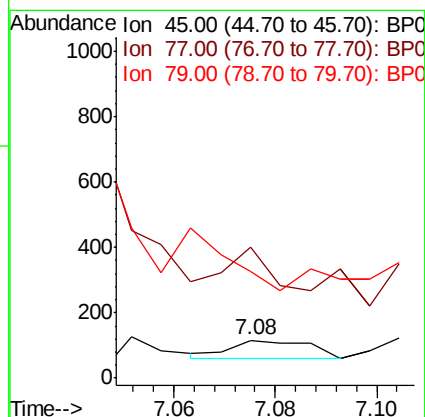
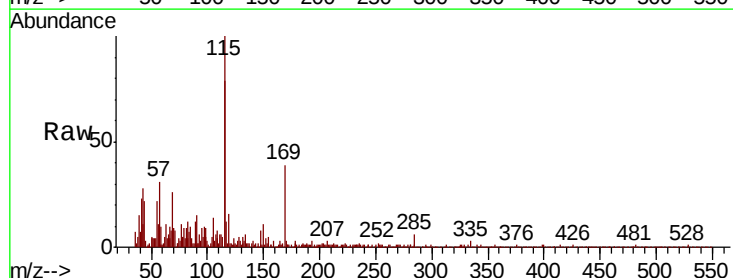
Tgt Ion: 45 Resp: 57

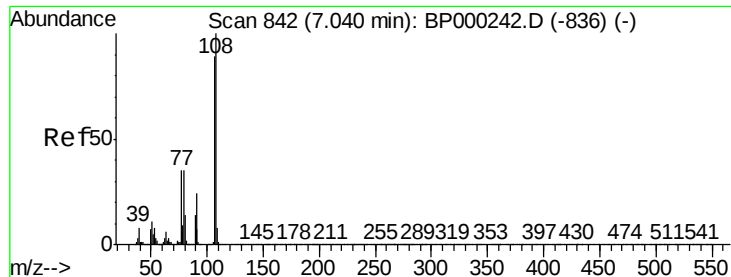
Ion Ratio Lower Upper

45 100

77 346.6 0.7 40.7#

79 281.0 0.0 36.4#

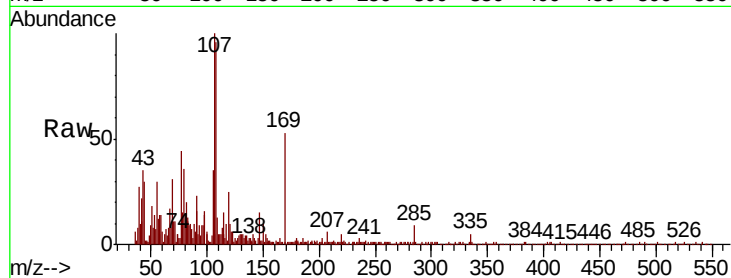




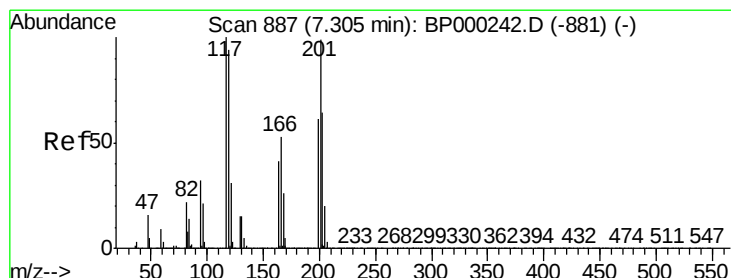
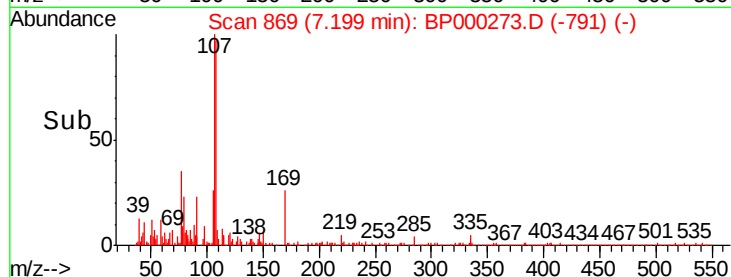
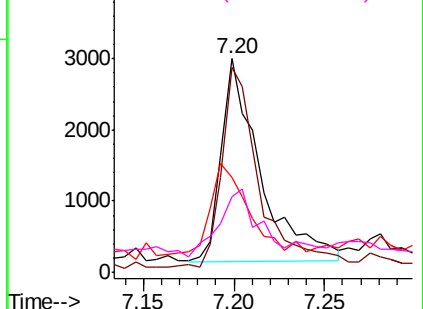
#17
2-Methylphenol
Concen: 0.271 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.16 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	4322
Ion	Ratio	Lower	Upper
107	100		
108	96.0	90.1	135.1
77	44.2	31.5	47.3
79	35.6	32.2	48.2

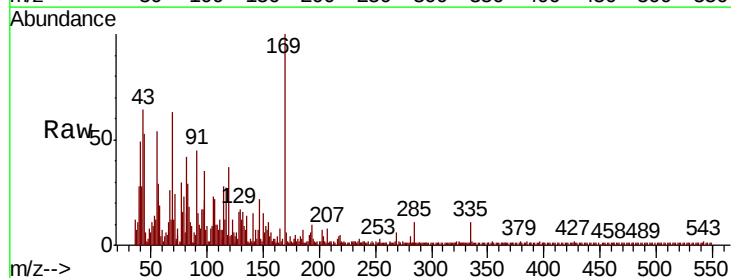


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

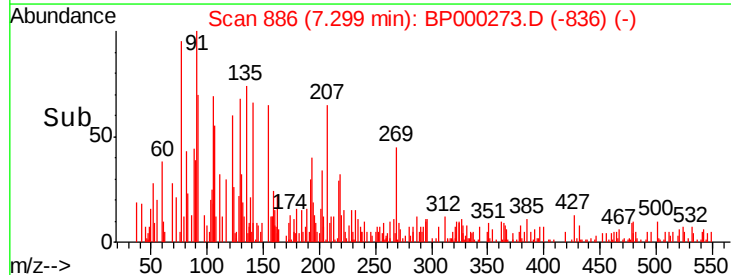
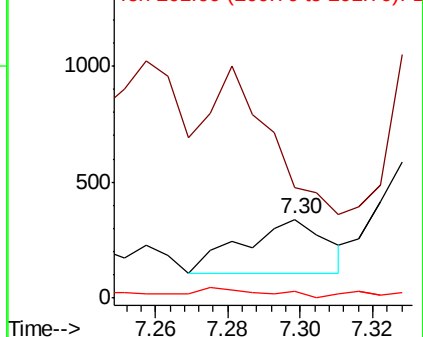


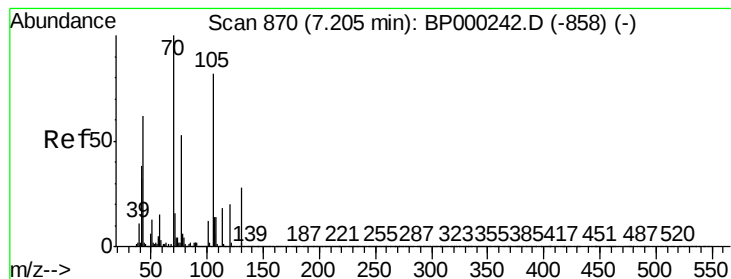
#18
Hexachloroethane
Concen: 0.045 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:	117	Resp:	372
Ion	Ratio	Lower	Upper
117	100		
119	140.0	75.6	113.4#
201	7.9	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: 9.625 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

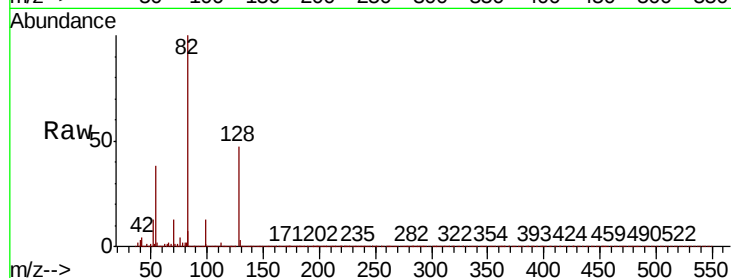
BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 107906

Ion Ratio Lower Upper

70	100		
42	35.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



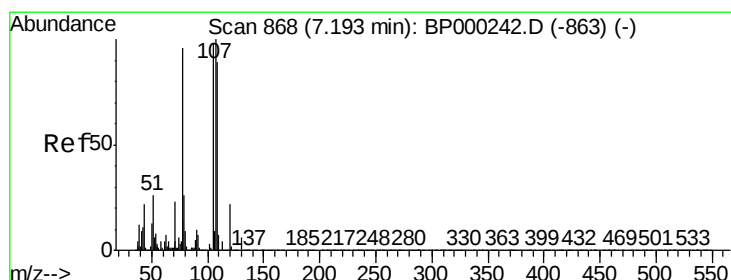
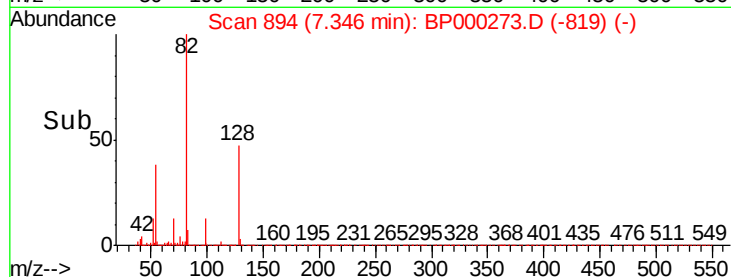
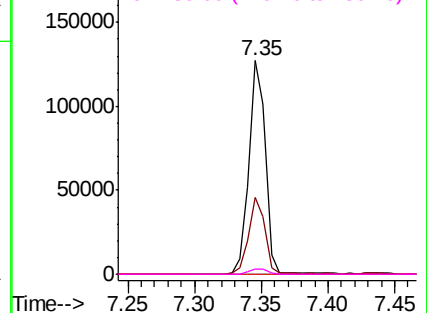
Abundance

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: 0.232 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

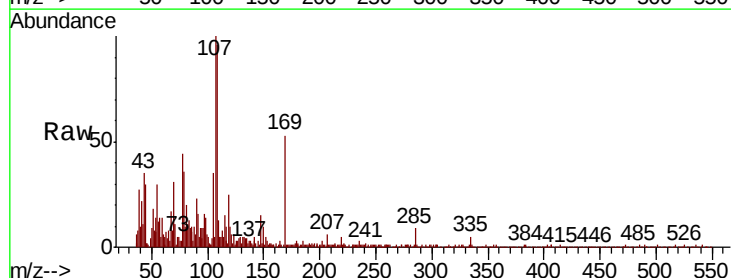
Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Tgt Ion: 107 Resp: 4470

Ion Ratio Lower Upper

107	100		
108	96.0	68.8	108.8
77	44.2	75.7	115.7#
79	35.6	6.0	46.0



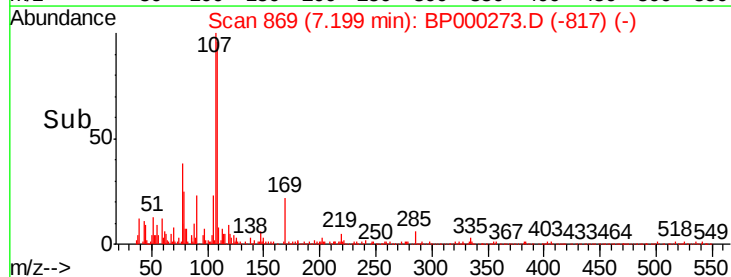
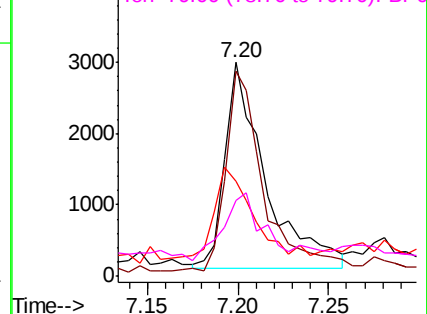
Abundance

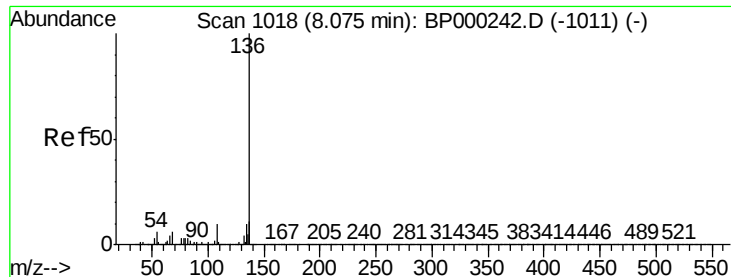
Ion 107.00 (106.70 to 107.70): E

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# 1018

Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 946030

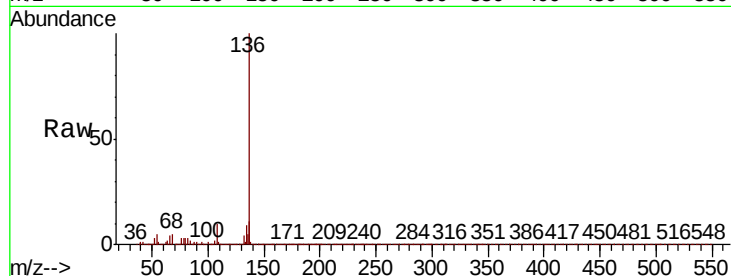
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.2 4.5 6.7

68 5.3 4.5 6.7

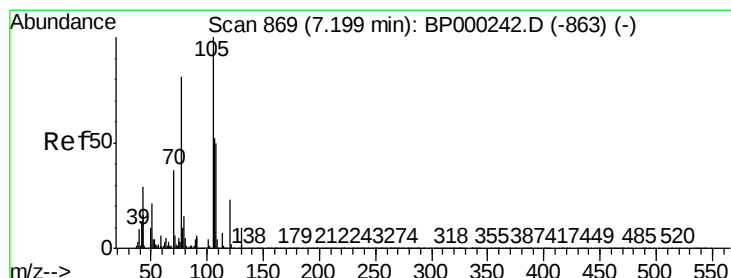
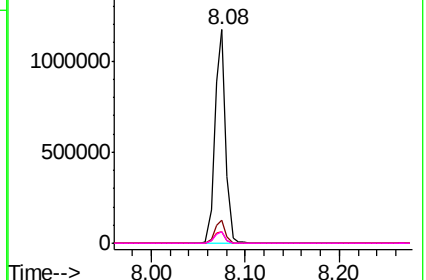
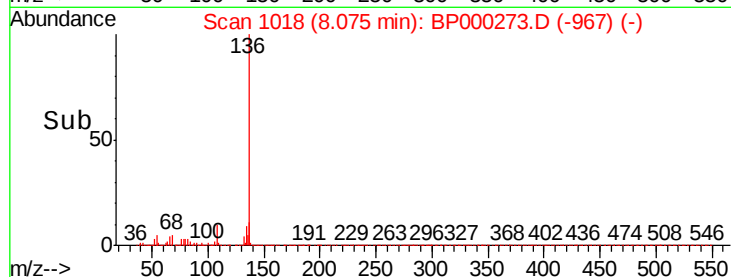


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.084 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Tgt Ion:105 Resp: 1721

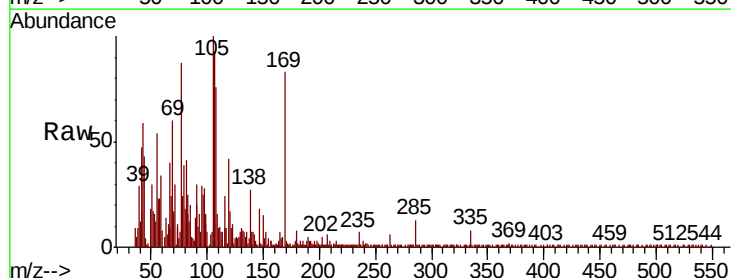
Ion Ratio Lower Upper

105 100

71 30.2 5.2 7.8#

51 30.0 16.6 24.8#

120 17.2 18.5 27.7#

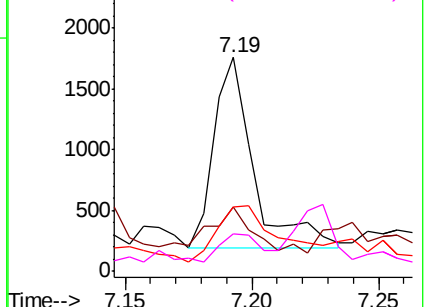
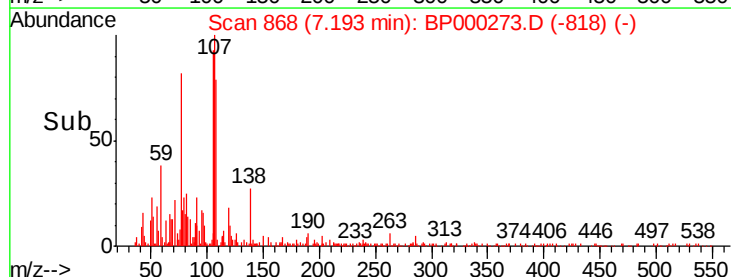


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

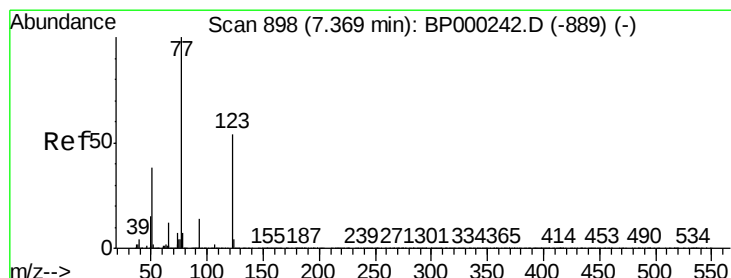
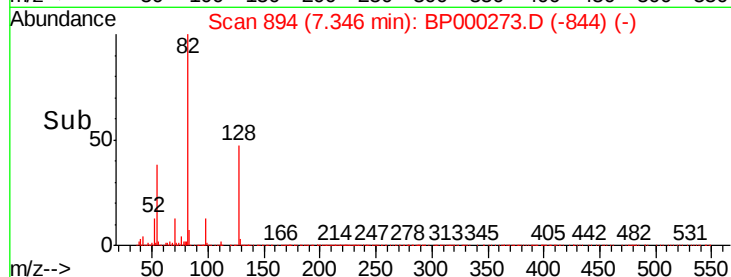
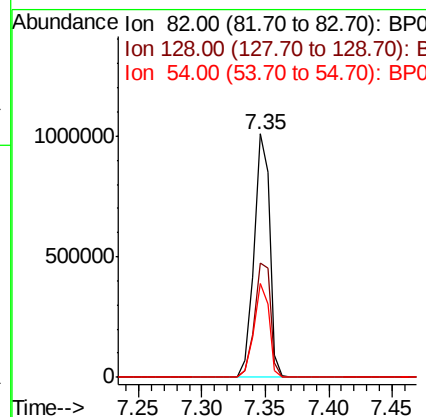
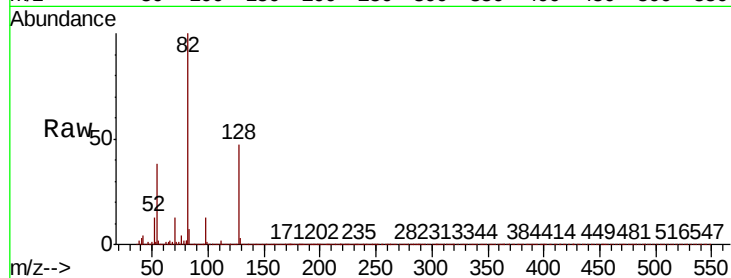




#23
Nitrobenzene-d5
Concen: 59.213 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

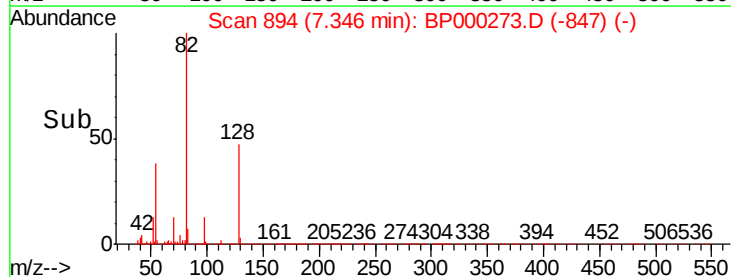
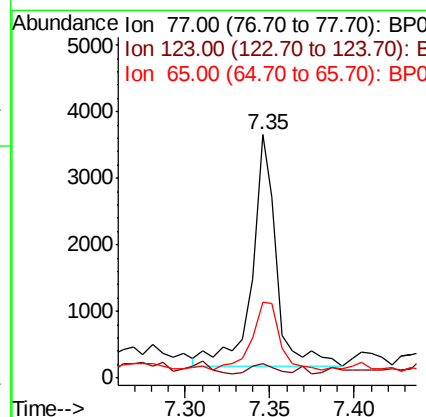
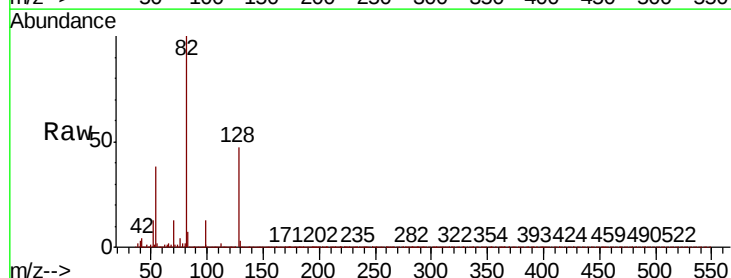
Instrument :
BNA_P
ClientSampleId :

Tot Ion	82	Resp	868221
Ion Ratio	Lower	Upper	
82	100		
128	47.2	40.7	61.1
54	38.5	30.1	45.1



#24
Nitrobenzene
Concen: 0.232 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion	77	Resp	3527
Ion Ratio	Lower	Upper	
77	100		
123	5.8	43.1	64.7#
65	31.1	9.4	14.2#





#25

Isophorone

Concen: 29.871 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

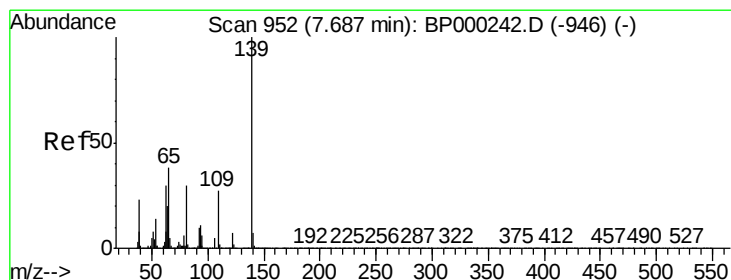
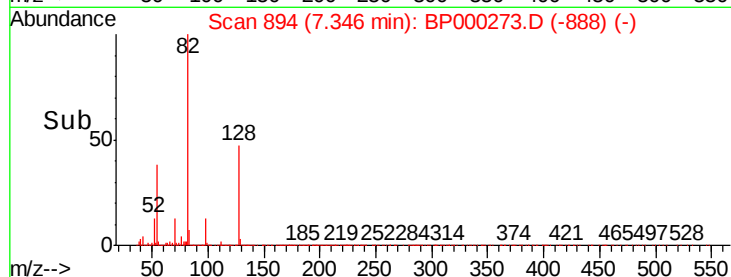
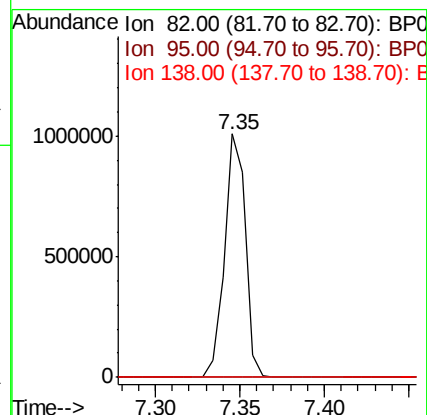
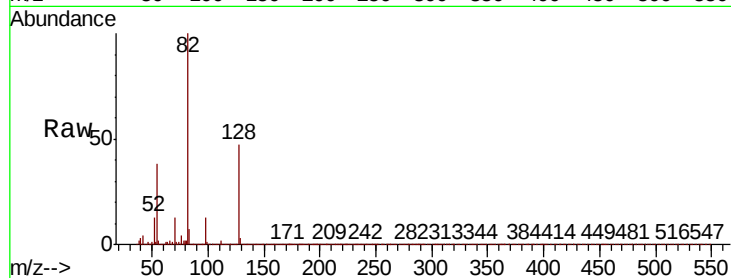
Tot Ion: 82 Resp: 867275

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



#26

2-Nitrophenol

Concen: 0.010 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

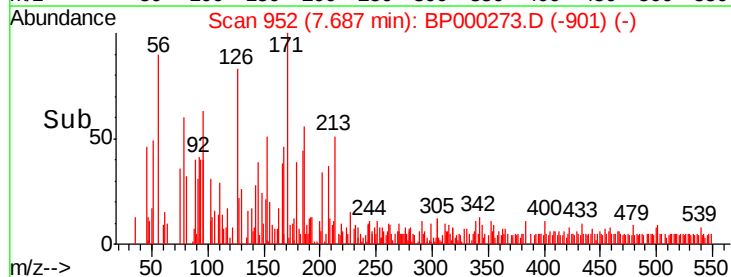
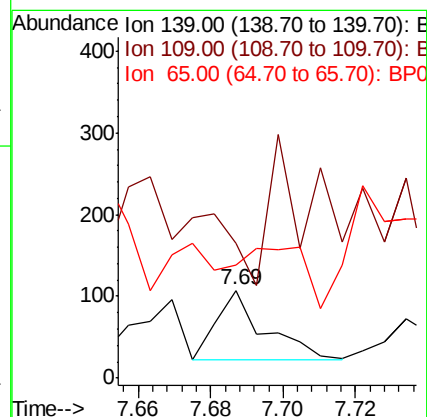
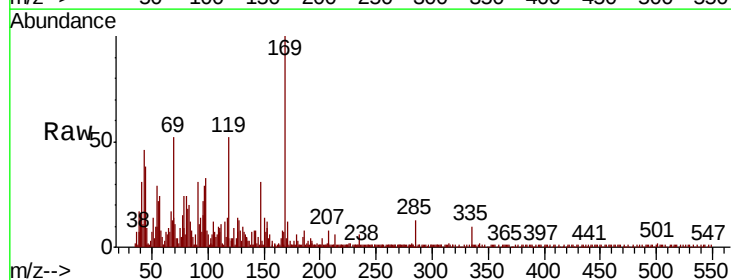
Tgt Ion: 139 Resp: 77

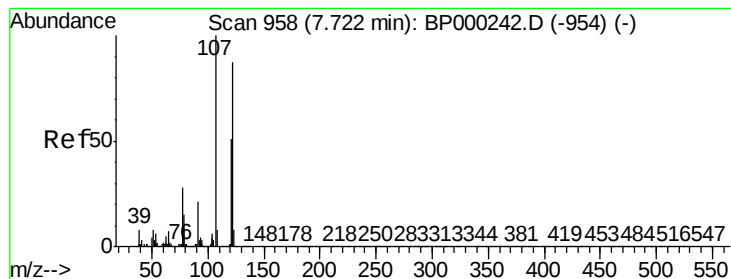
Ion Ratio Lower Upper

139 100

109 154.2 21.8 32.6#

65 129.9 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 0.127 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

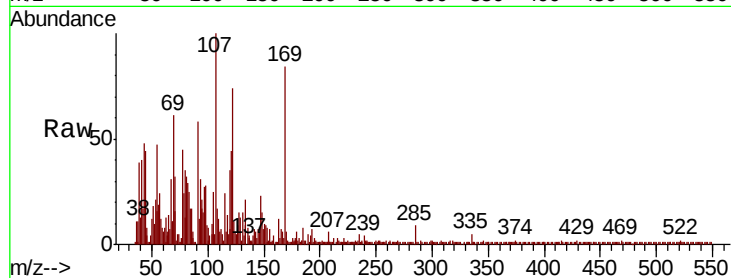
Tot Ion:122 Resp: 1632

Ion Ratio Lower Upper

122 100

107 134.3 91.5 137.3

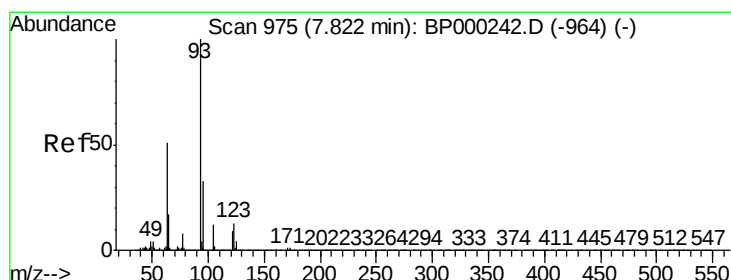
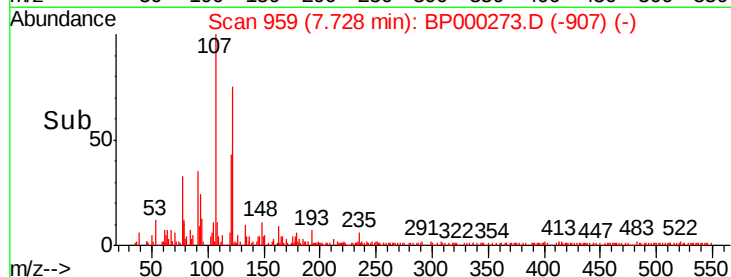
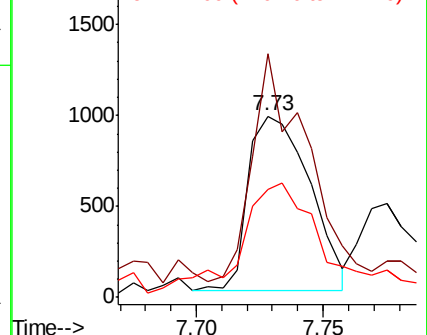
121 59.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.003 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

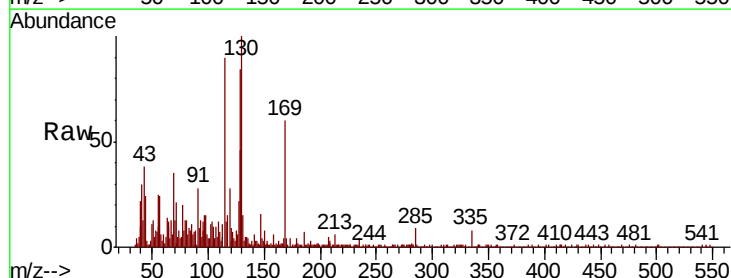
Tgt Ion: 93 Resp: 67

Ion Ratio Lower Upper

93 100

95 97.0 26.2 39.4#

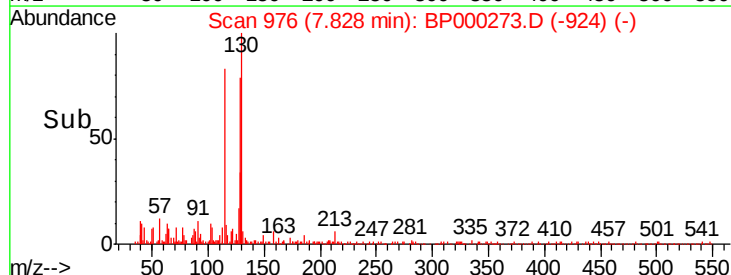
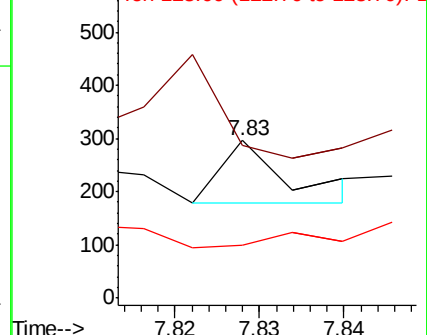
123 33.4 10.2 15.2#

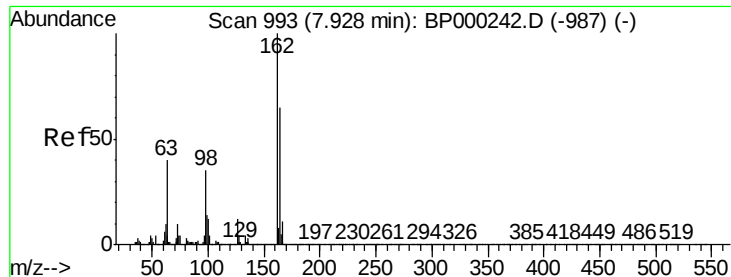


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

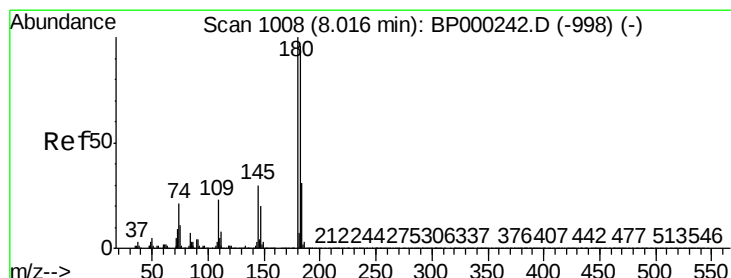
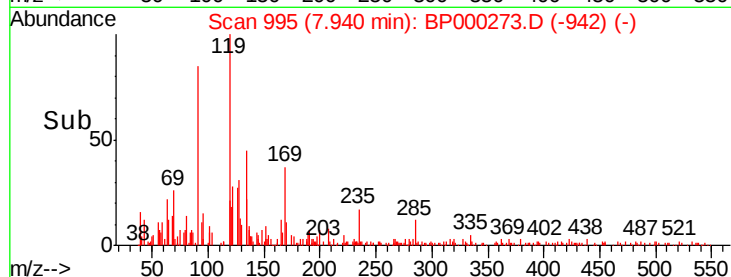
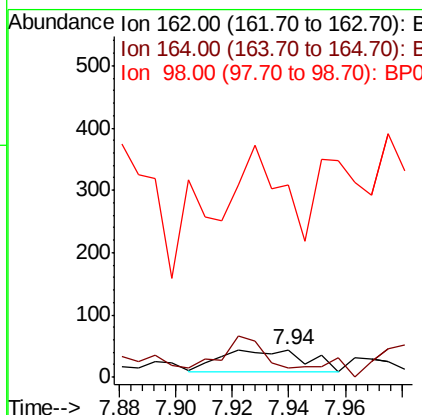
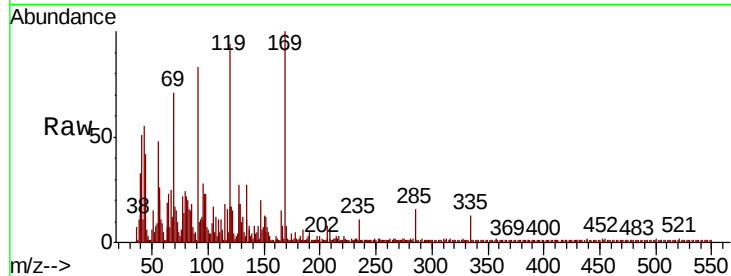




#29
2,4-Dichlorophenol
Concen: 0.005 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

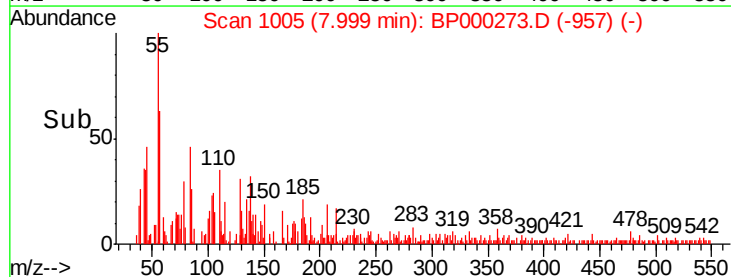
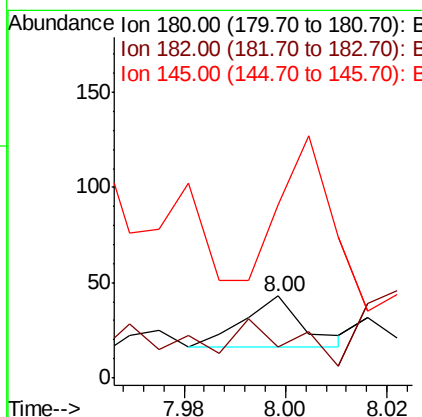
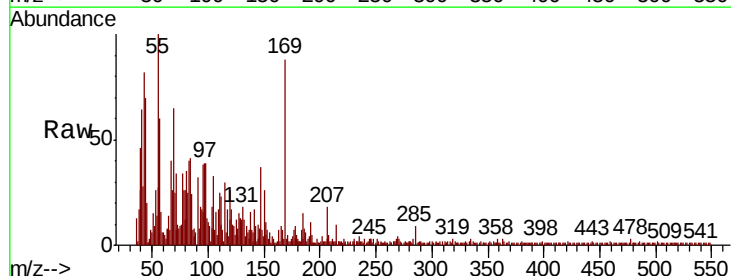
Instrument :
BNA_P
ClientSampled :

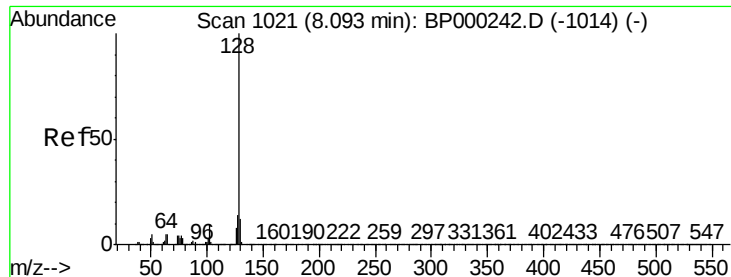
Tot Ion:162 Resp: 75
Ion Ratio Lower Upper
162 100
164 34.1 44.5 84.5#
98 700.0 15.2 55.2#



#30
1,2,4-Trichlorobenzene
Concen: 0.001 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:180 Resp: 22
Ion Ratio Lower Upper
180 100
182 37.2 77.2 115.8#
145 211.6 24.3 36.5#





#31

Naphthalene

Concen: 2.215 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

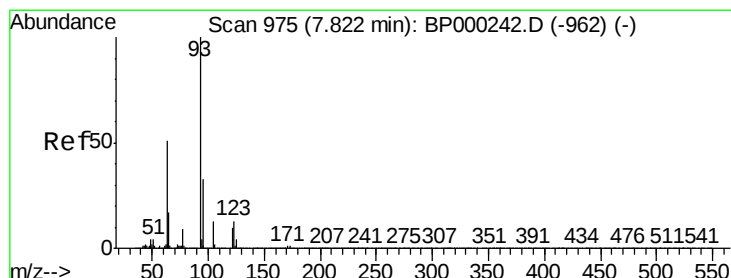
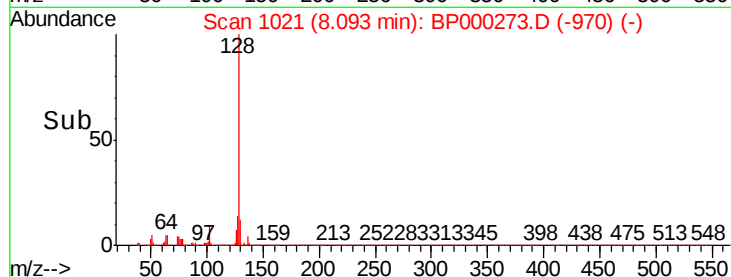
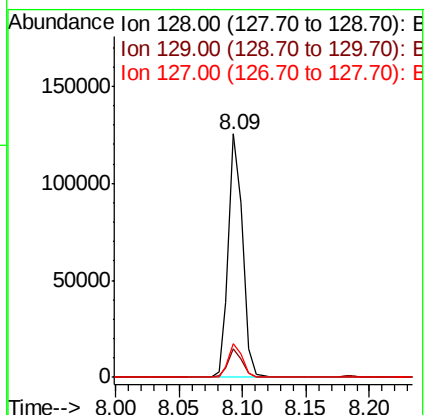
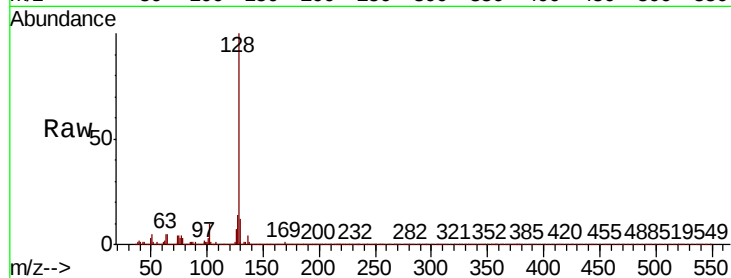
Tot Ion:128 Resp: 97057

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.8 11.0 16.6



#32

Benzoic acid

Concen: 0.243 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.04 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

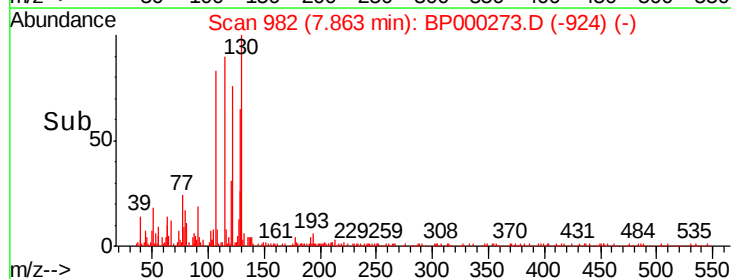
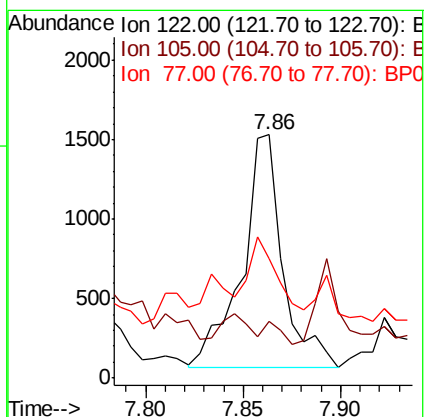
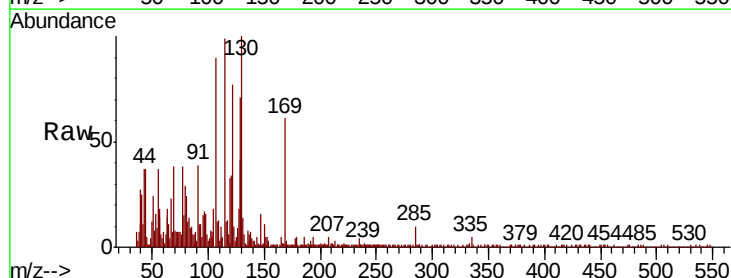
Tgt Ion:122 Resp: 2110

Ion Ratio Lower Upper

122 100

105 23.4 105.4 145.4#

77 49.1 65.3 105.3#

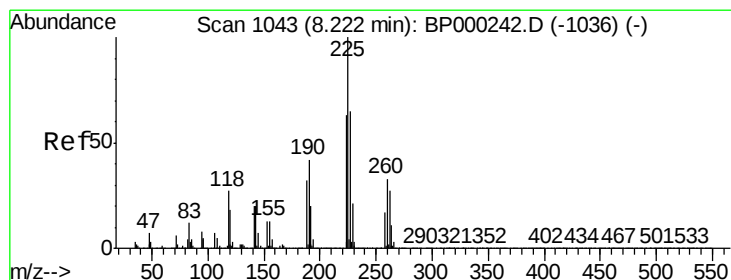
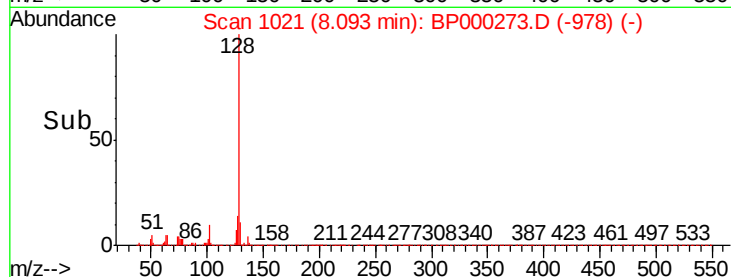
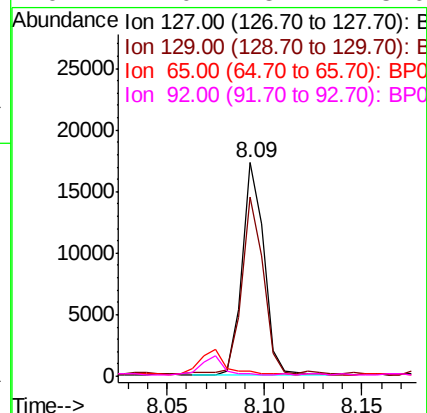
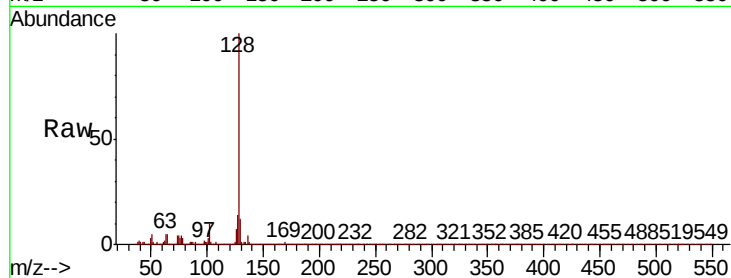




#33
4-Chloroaniline
Concen: 0.674 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

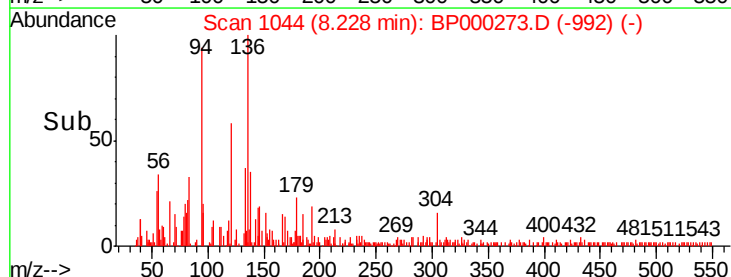
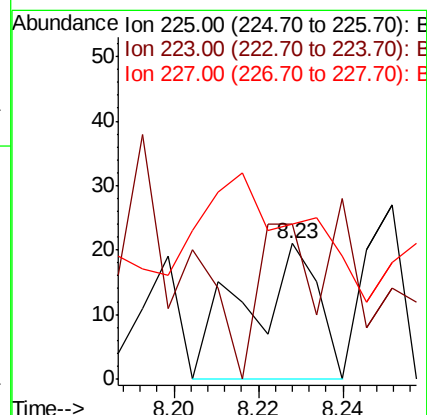
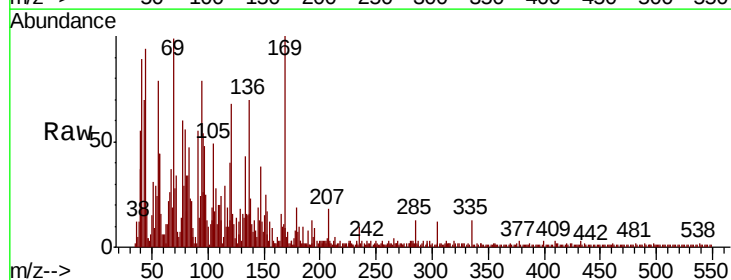
Instrument :
BNA_P
ClientSampleId :

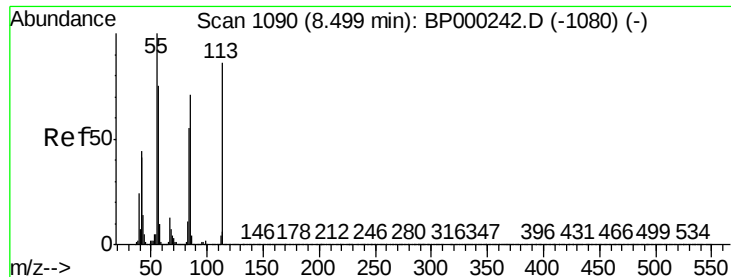
Tot Ion:	127	Resp:	13362
Ion Ratio	Lower	Upper	
127	100		
129	84.0	25.7	38.5#
65	2.6	19.9	29.9#
92	1.0	15.4	23.0#



#34
Hexachlorobutadiene
Concen: 0.003 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:	225	Resp:	25
Ion Ratio	Lower	Upper	
225	100		
223	114.3	50.2	75.2#
227	114.3	51.8	77.6#

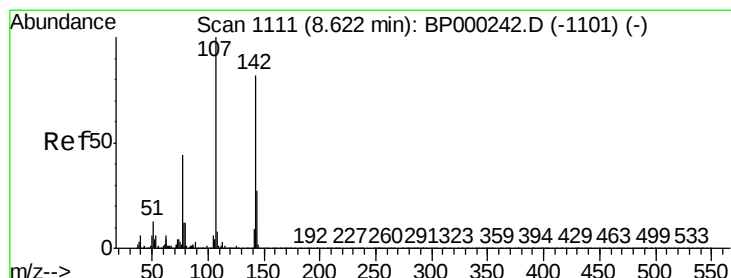
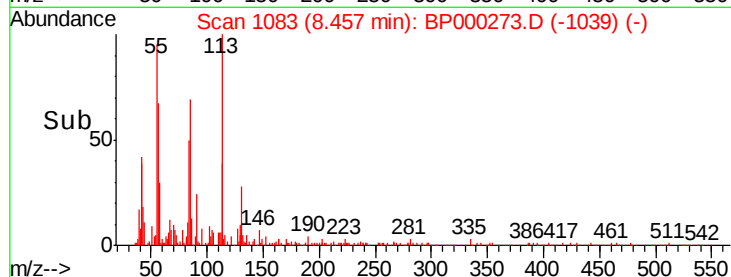
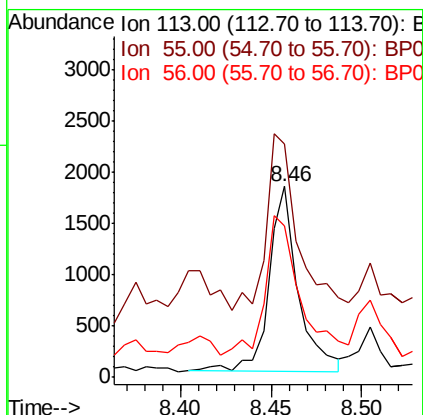
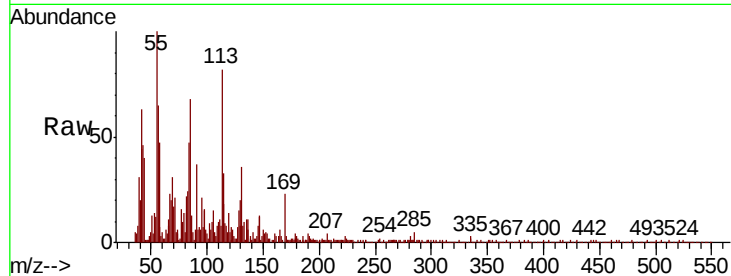




#35
 Caprolactam
 Concen: 0.433 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

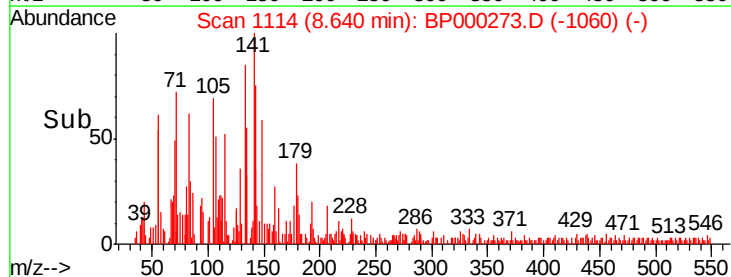
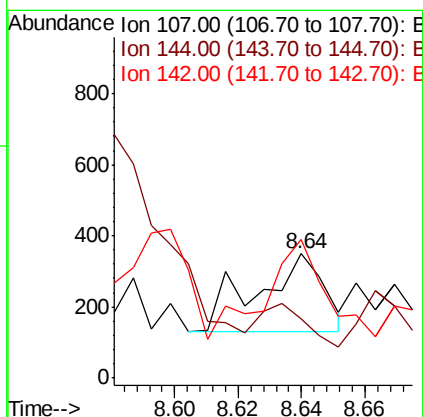
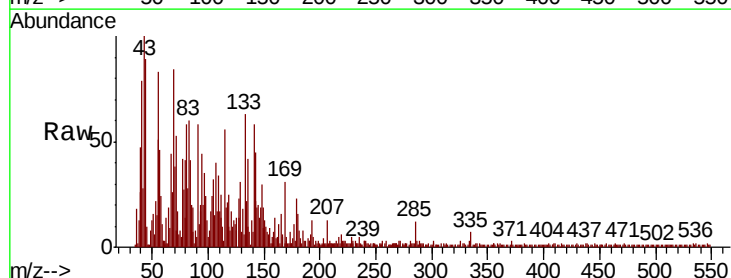
Instrument :
 BNA_P
 ClientSampleId :

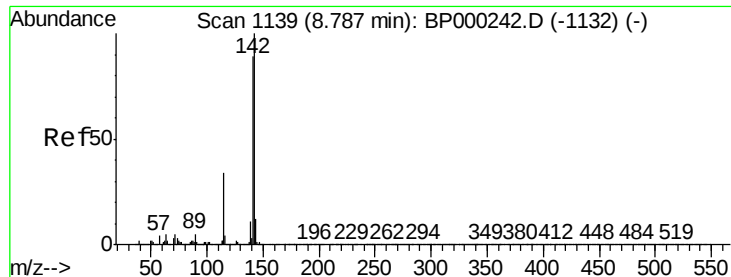
Tot Ion:113 Resp: 2031
 Ion Ratio Lower Upper
 113 100
 55 122.1 96.8 136.8
 56 79.1 67.5 107.5



#36
 4-Chloro-3-methylphenol
 Concen: 0.023 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion:107 Resp: 322
 Ion Ratio Lower Upper
 107 100
 144 47.3 21.5 32.3#
 142 111.7 65.7 98.5#

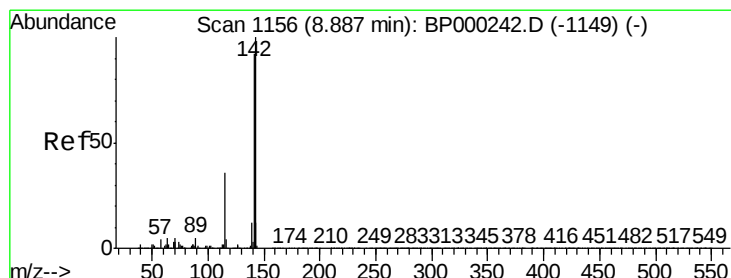
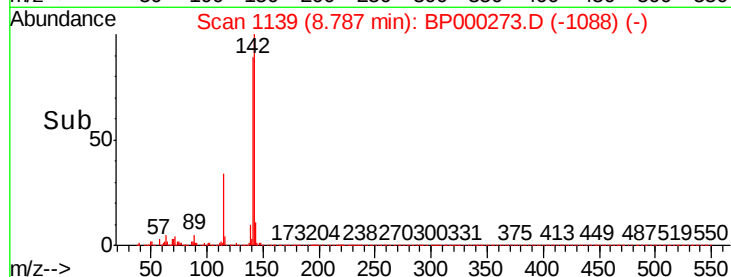
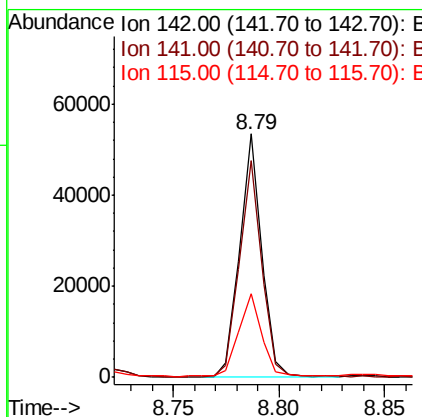
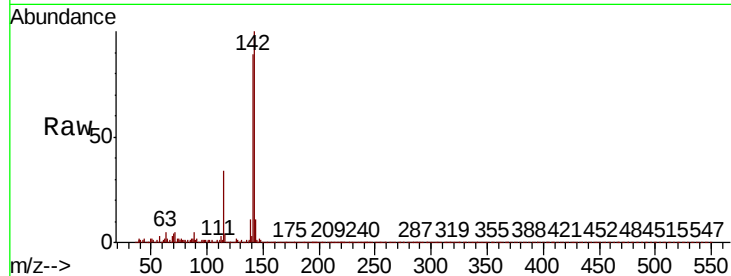




#37
 2-Methylnaphthalene
 Concen: 1.275 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

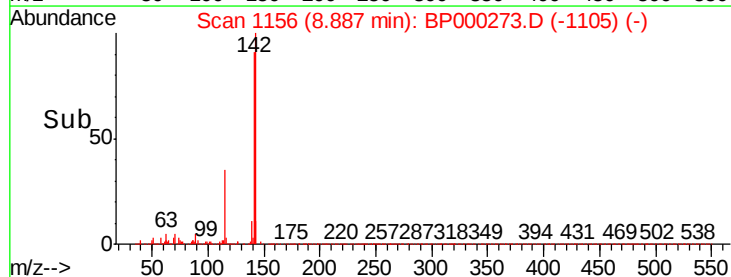
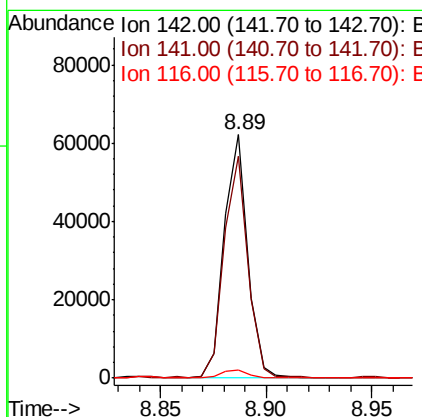
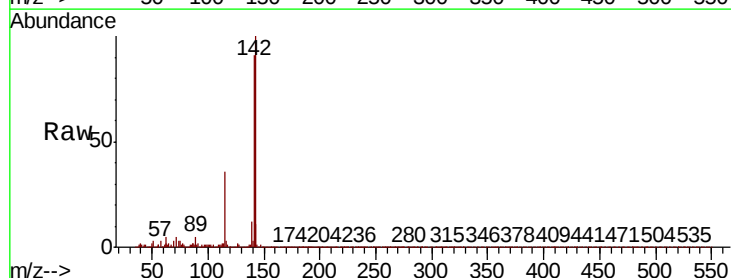
Instrument :
 BNA_P
 ClientSampleId :

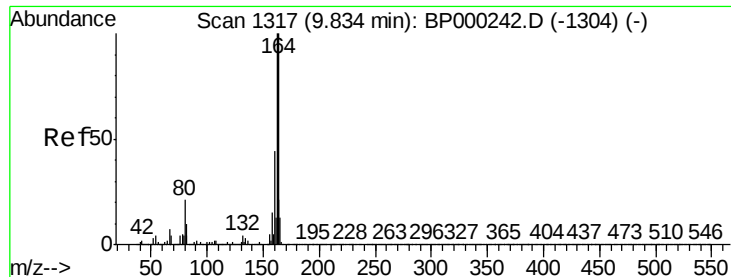
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	34.3	27.2	40.8



#38
 1-Methylnaphthalene
 Concen: 1.693 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.9	110.9
116	3.4	3.0	4.6

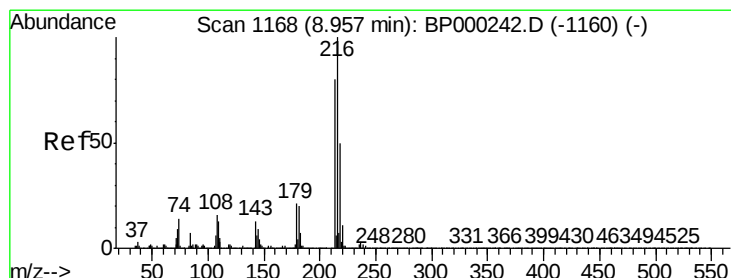
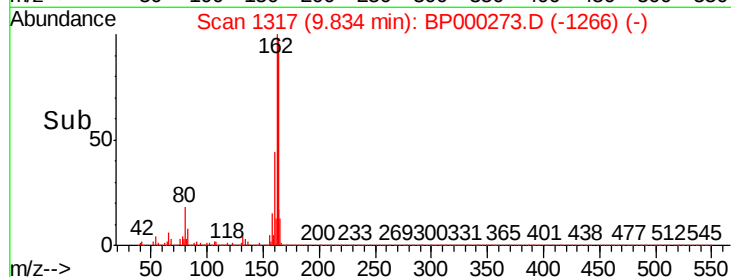
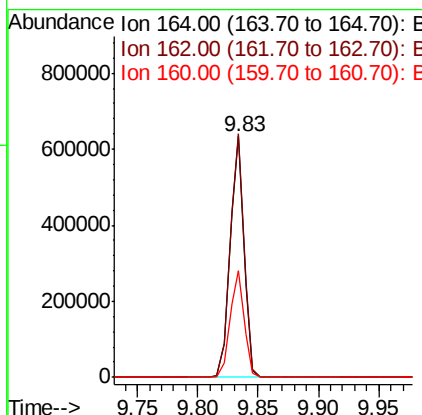
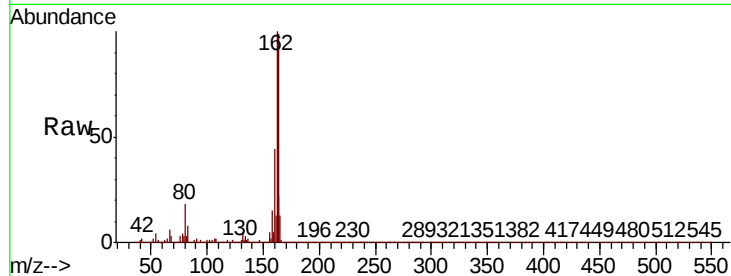




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

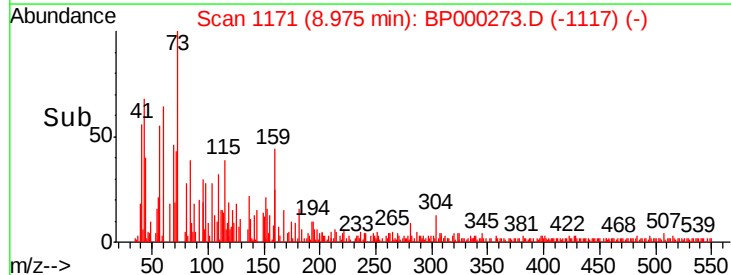
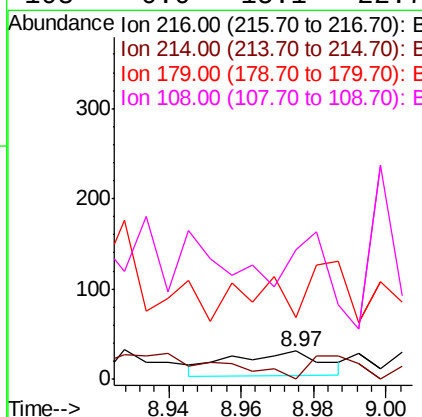
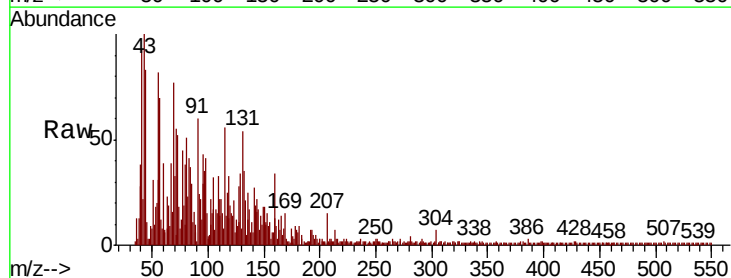
Instrument :
BNA_P
ClientSampleId :

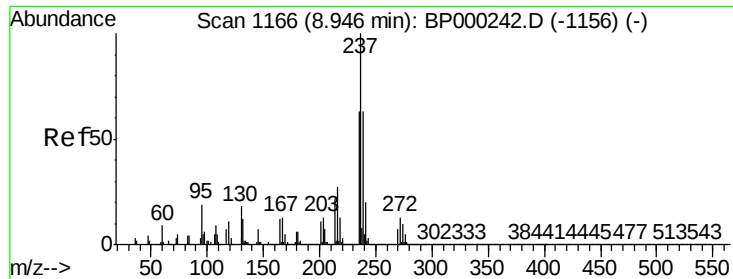
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.9	119.9
160	44.5	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.003 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	52.2	63.6	95.4#
179	358.7	17.0	25.4#
108	0.0	15.1	22.7#





#41

Hexachlorocyclopentadiene

Concen: 0.003 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BP000273.D

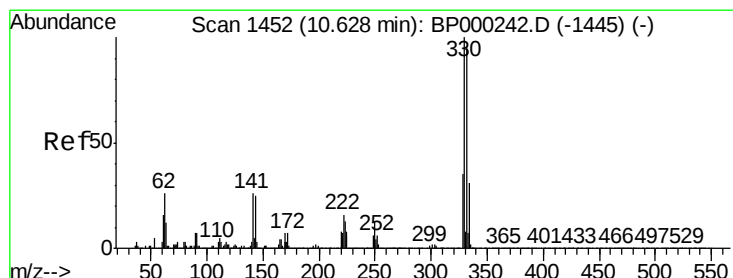
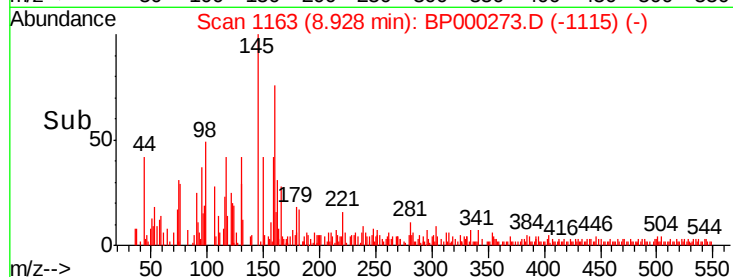
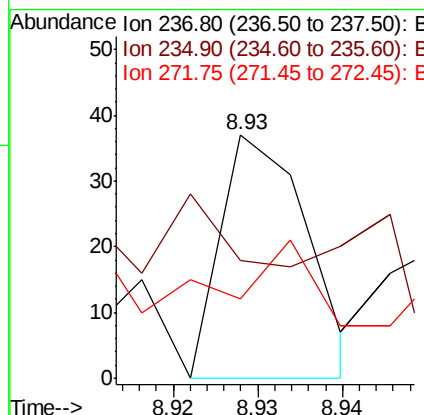
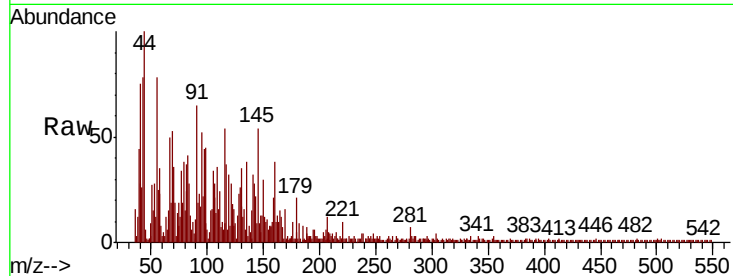
Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

Tot Ion:	237	Resp:	26
Ion	Ratio	Lower	Upper
237	100		
235	48.6	43.5	83.5
272	32.4	0.0	33.0



#42

2,4,6-Tribromophenol

Concen: 97.684 ng

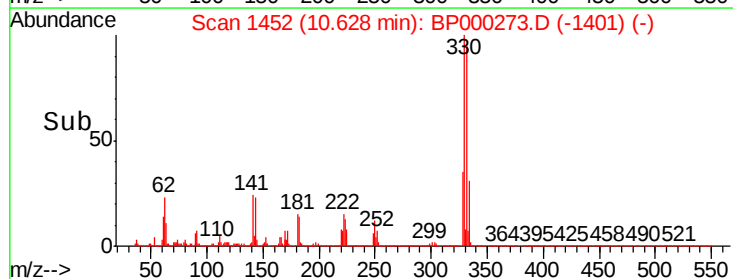
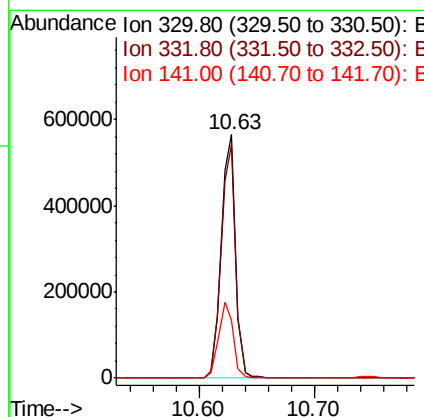
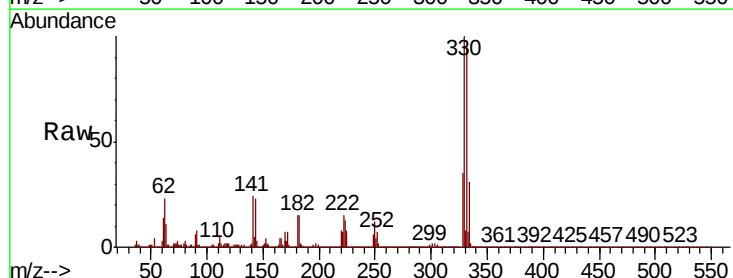
RT: 10.63 min Scan# 1452

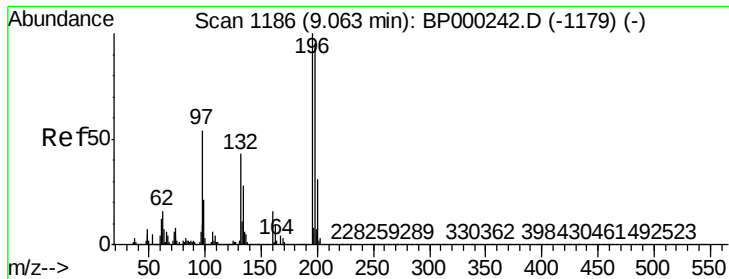
Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Tgt Ion:	330	Resp:	487398
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	31.5	26.5	39.7

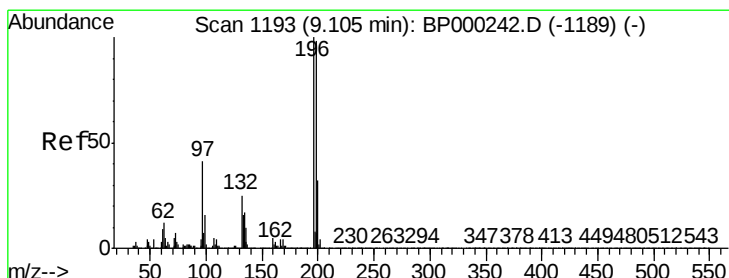
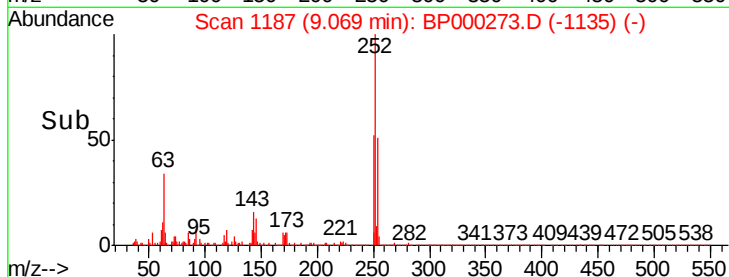
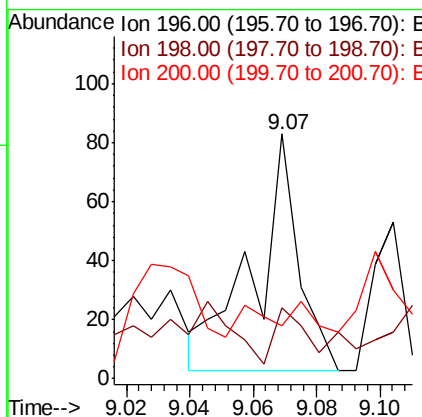
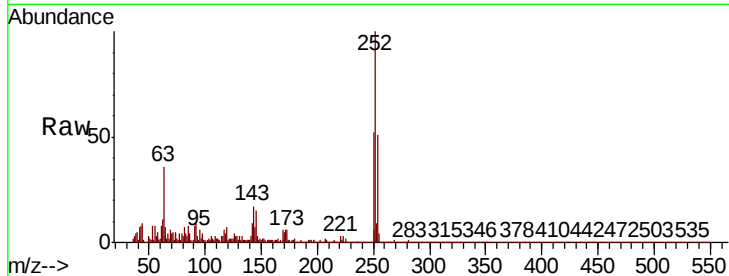




#43
 2,4,6-Trichlorophenol
 Concen: 0.008 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

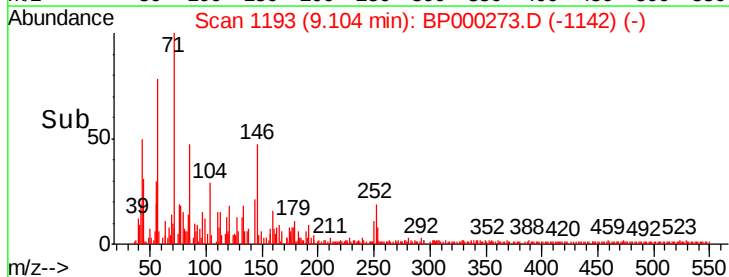
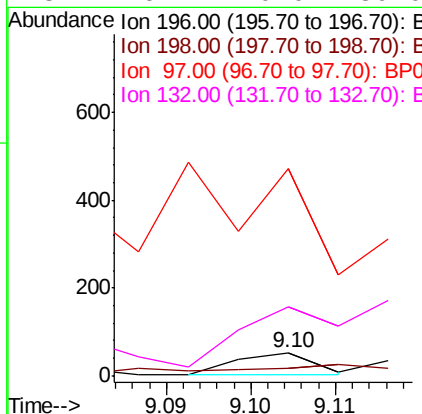
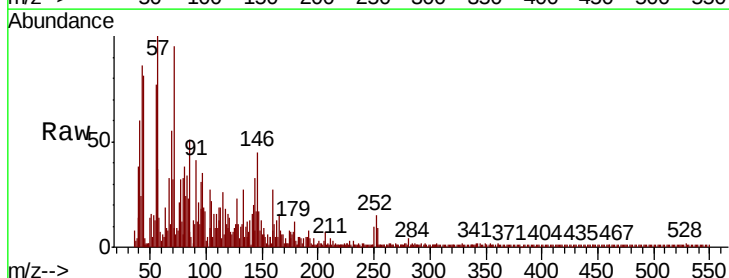
Instrument :
 BNA_P
 ClientSampled :

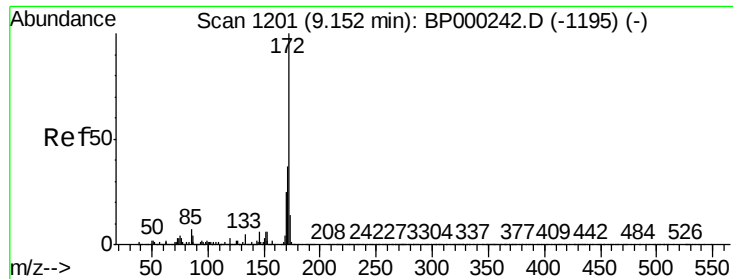
Tot Ion	Ratio	Lower	Upper
196	100		
198	28.9	76.0	114.0#
200	21.7	24.6	37.0#



#44
 2,4,5-Trichlorophenol
 Concen: 0.003 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	22.2	78.1	117.1#
97	654.2	33.3	49.9#
132	216.7	20.0	30.0#

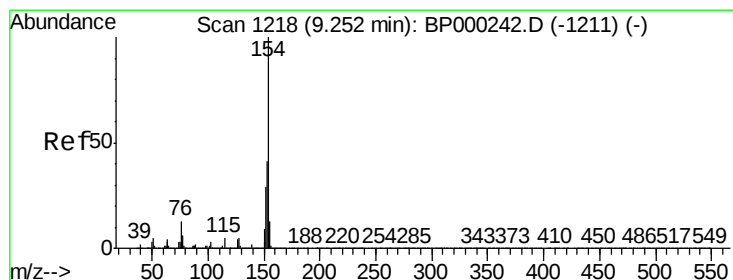
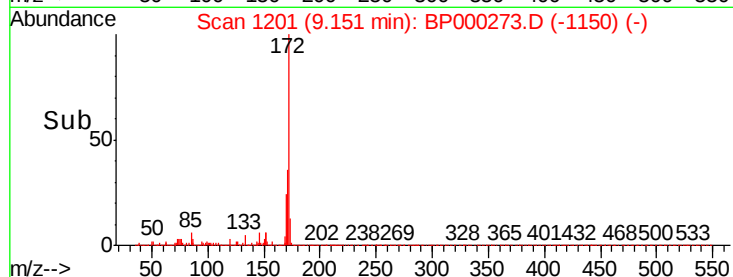
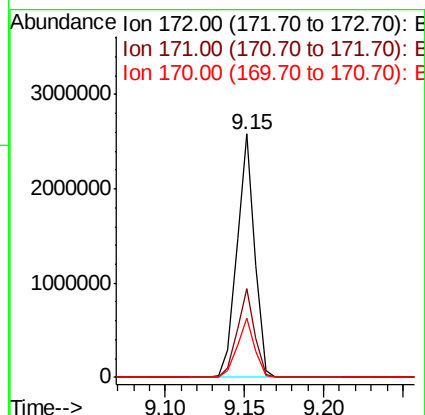
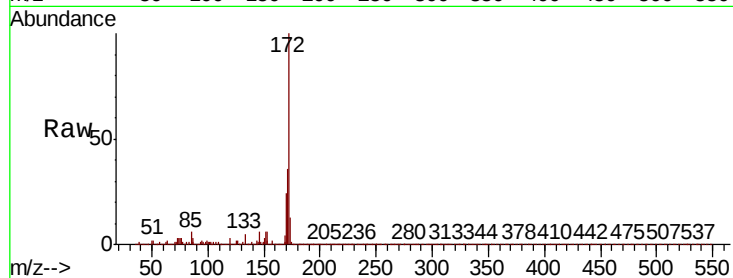




#45
2-Fluorobiphenyl
Concen: 71.330 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

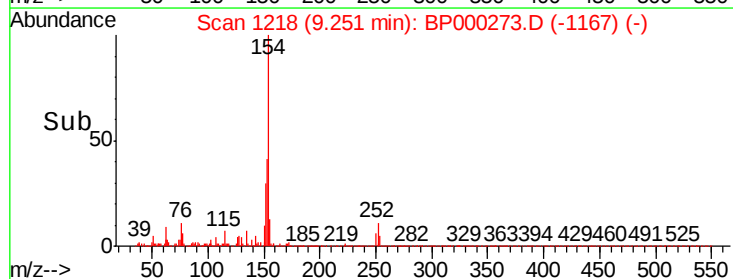
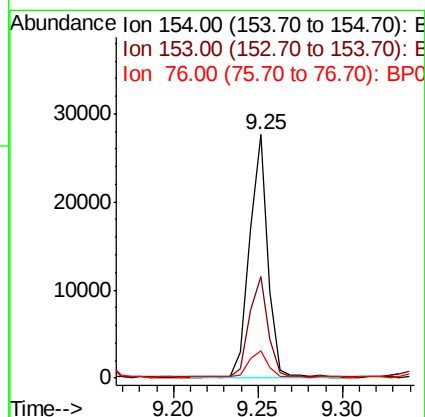
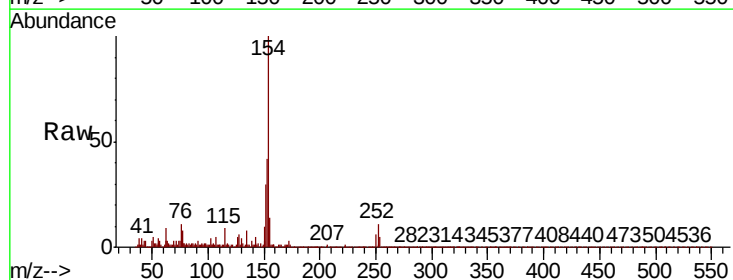
Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1993673
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 0.597 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:154 Resp: 20787
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 11.3 0.0 33.4

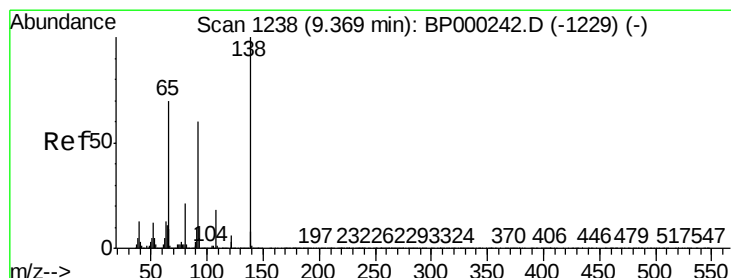
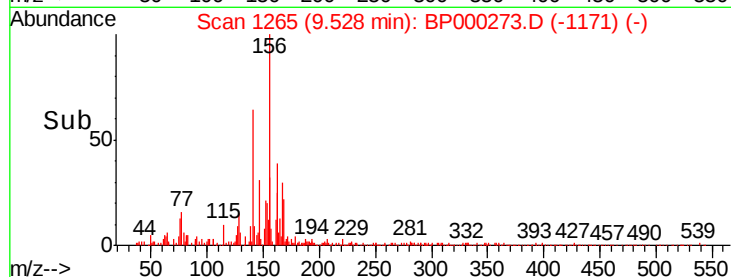
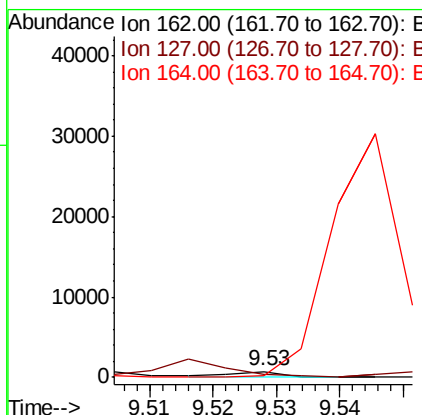
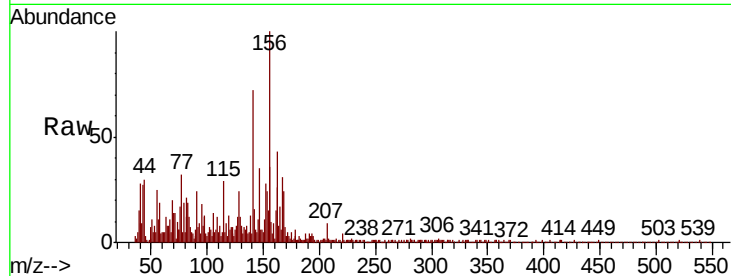




#47
2-Chloronaphthalene
Concen: 0.013 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.25 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

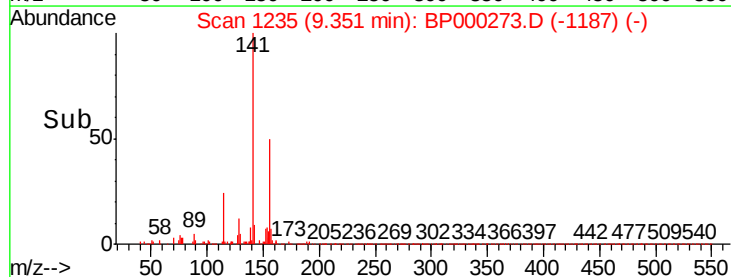
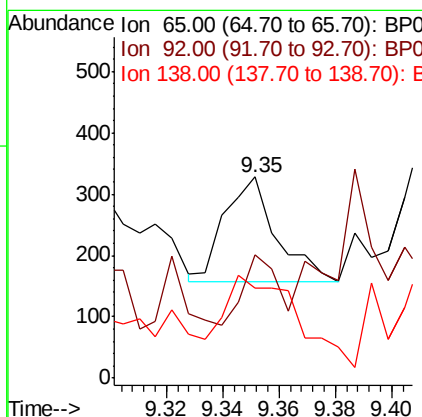
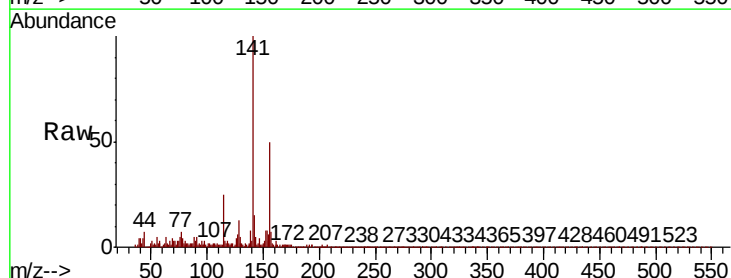
Instrument :
BNA_P
ClientSampleId :

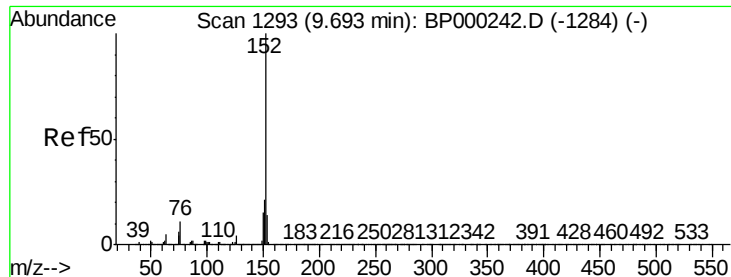
Tot Ion: 162 Resp: 375
Ion Ratio Lower Upper
162 100
127 48.3 32.4 48.6
164 32.5 26.3 39.5



#48
2-Nitroaniline
Concen: 0.029 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion: 65 Resp: 214
Ion Ratio Lower Upper
65 100
92 61.6 68.7 103.1#
138 44.5 114.4 171.6#





#49

Acenaphthylene

Concen: 3.941 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

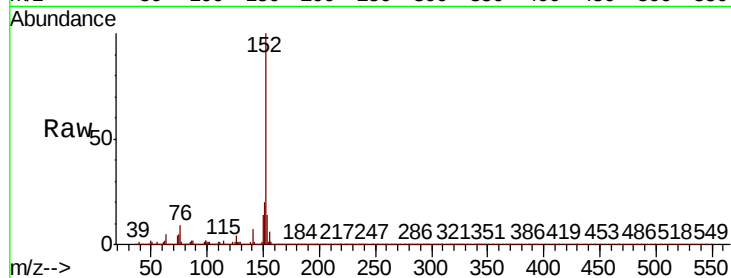
Tot Ion:152 Resp: 172950

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

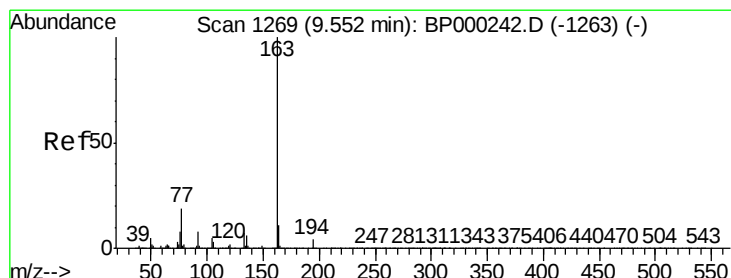
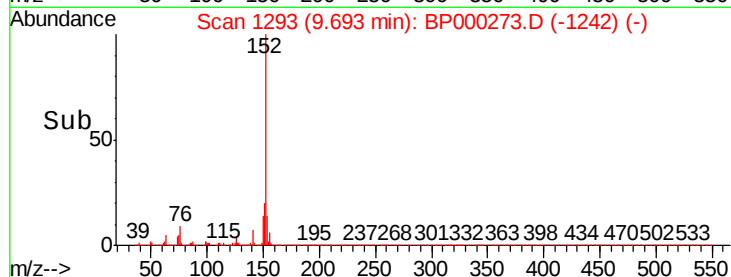
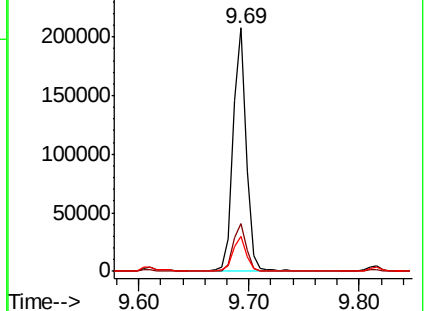
153 14.1 11.0 16.4



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: 6.759 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

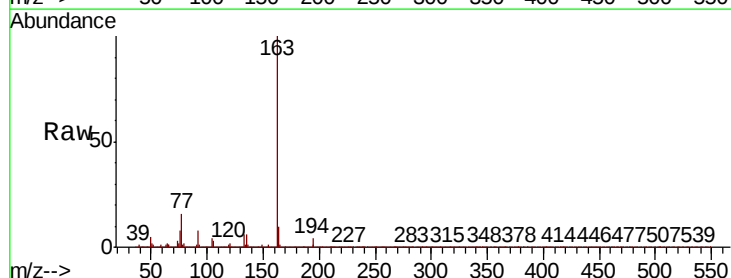
Tgt Ion:163 Resp: 231649

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

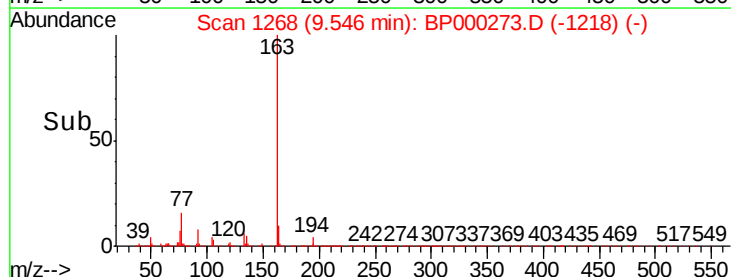
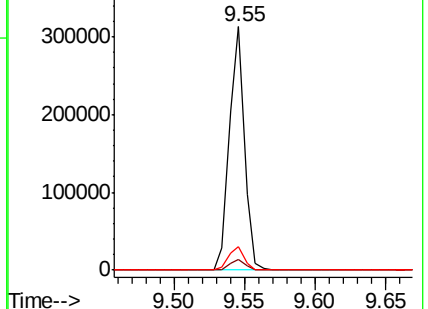
164 9.7 8.5 12.7

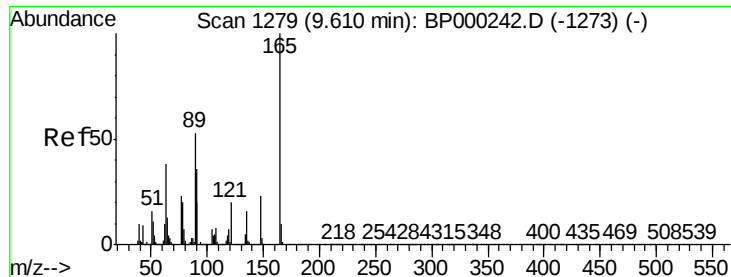


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.390 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.06 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

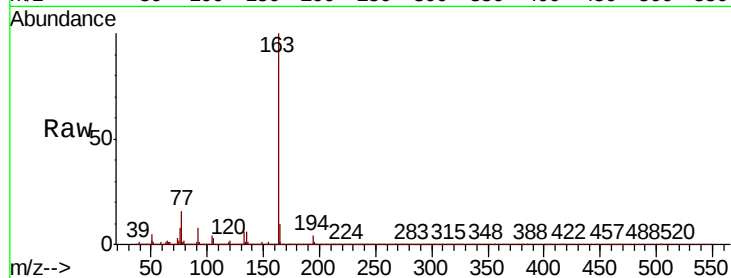
Tot Ion:165 Resp: 2937

Ion Ratio Lower Upper

165 100

63 127.5 35.8 53.8#

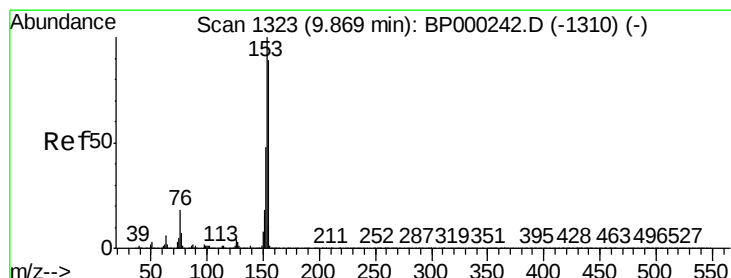
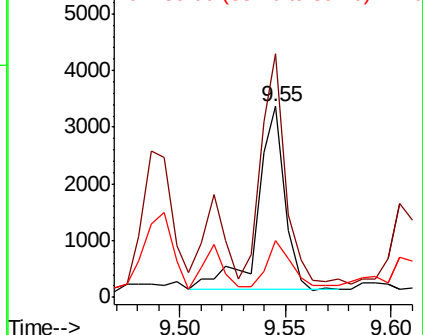
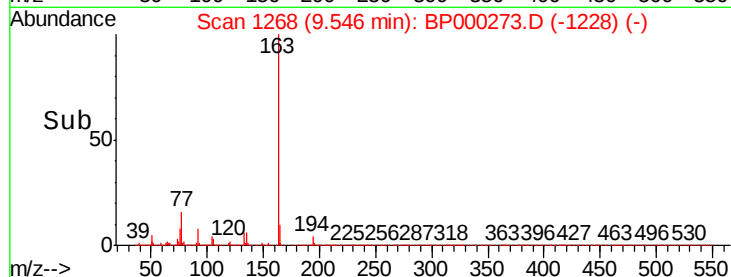
89 29.5 42.6 63.8#



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



#52

Acenaphthene

Concen: 7.737 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

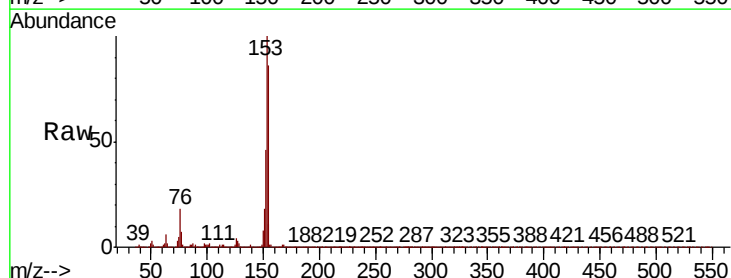
Tgt Ion:154 Resp: 214244

Ion Ratio Lower Upper

154 100

153 116.0 89.8 134.6

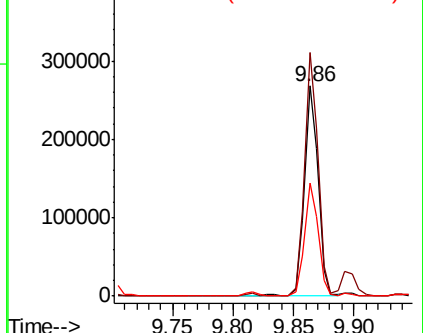
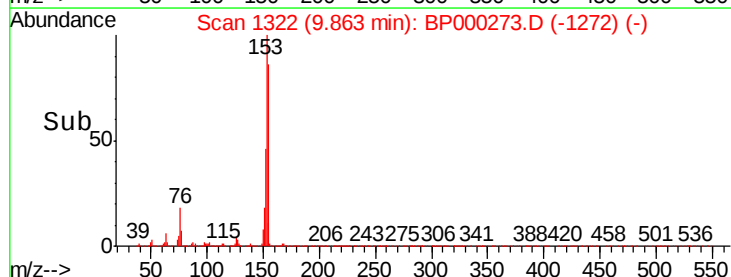
152 53.8 43.4 65.0

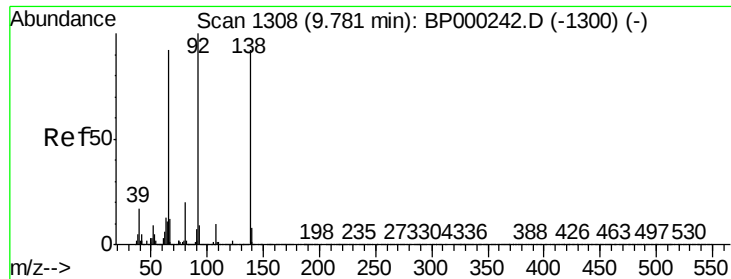


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

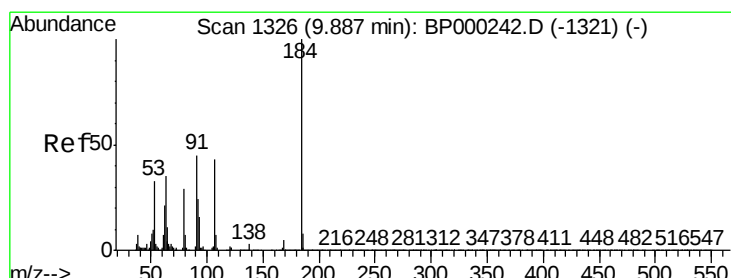
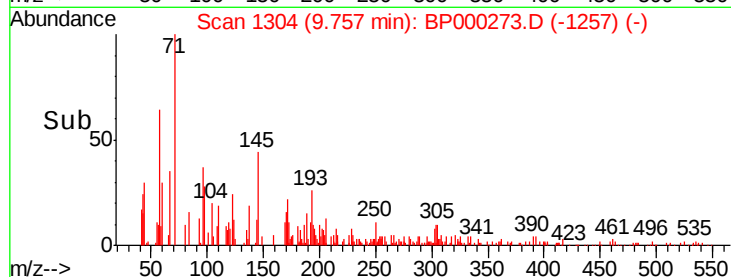
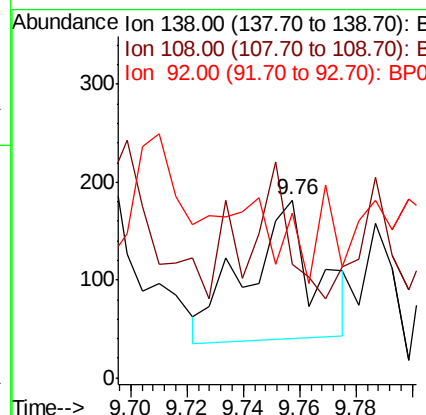
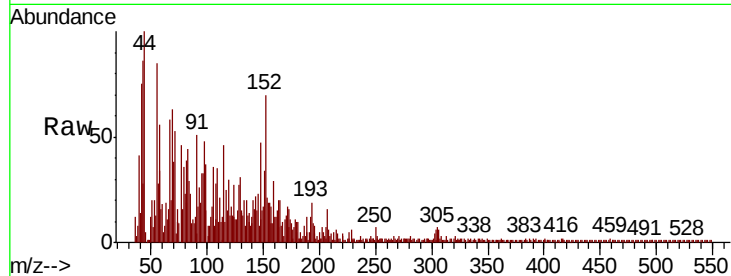




#53
3-Nitroaniline
Concen: 0.027 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

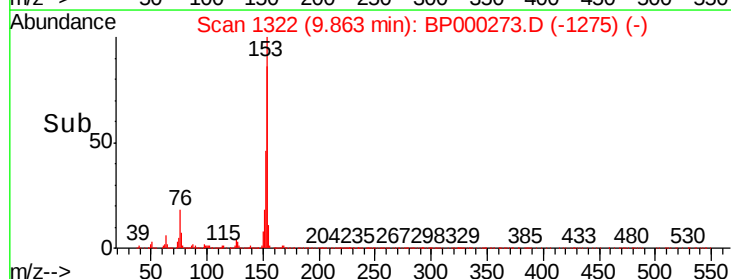
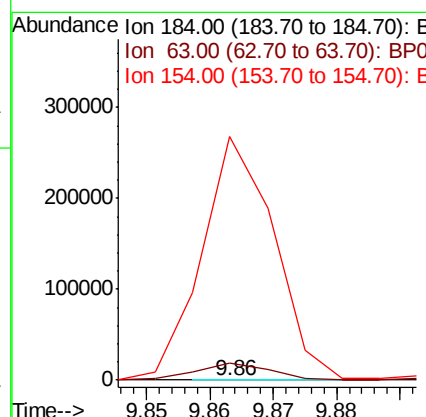
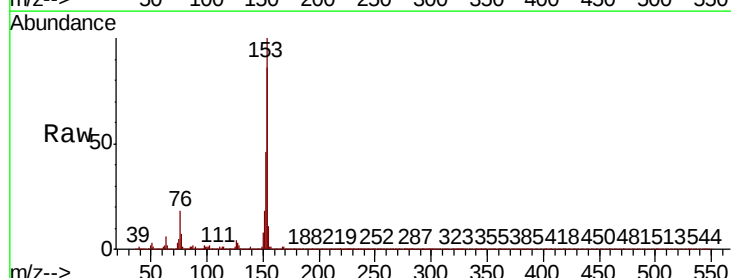
Instrument :
BNA_P
ClientSampleId :

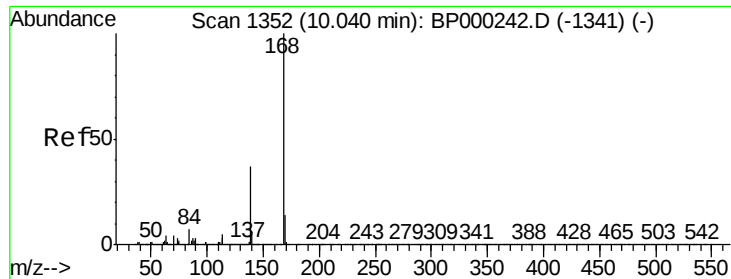
Tot Ion:138 Resp: 237
Ion Ratio Lower Upper
138 100
108 63.7 9.1 13.7#
92 92.3 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 0.005 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 56870.6 39.5 59.3#
154 788141.2 48.8 73.2#

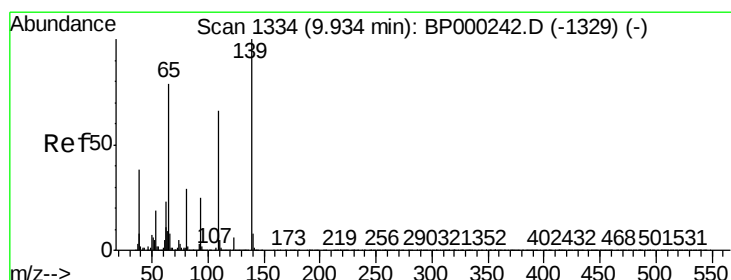
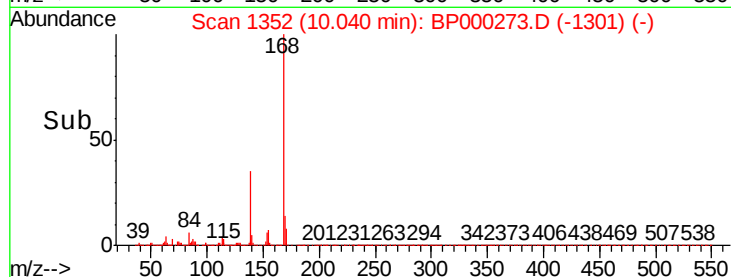
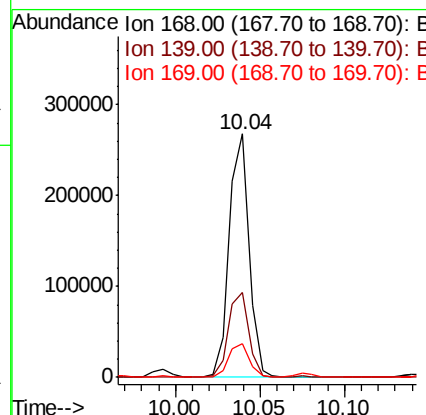
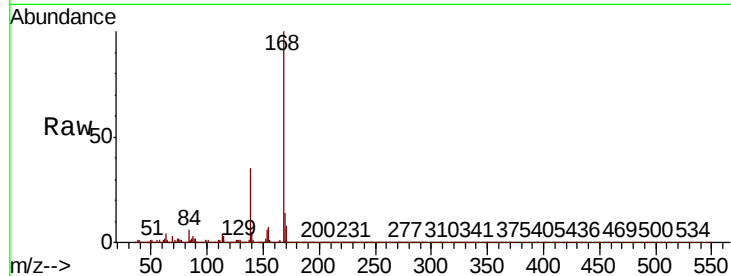




#55
Dibenzofuran
Concen: 5.587 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

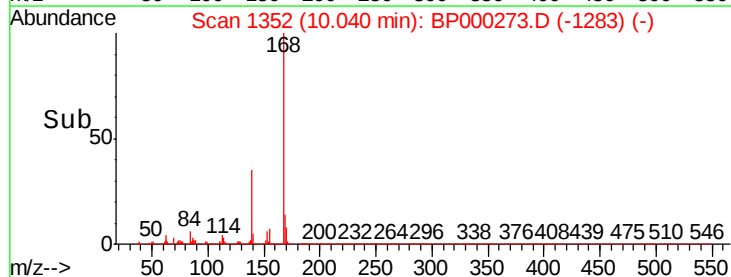
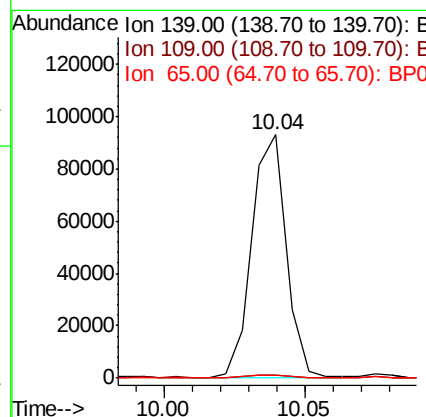
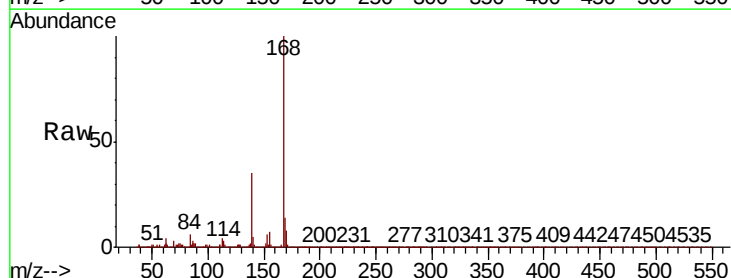
Instrument :
BNA_P
ClientSampleId :

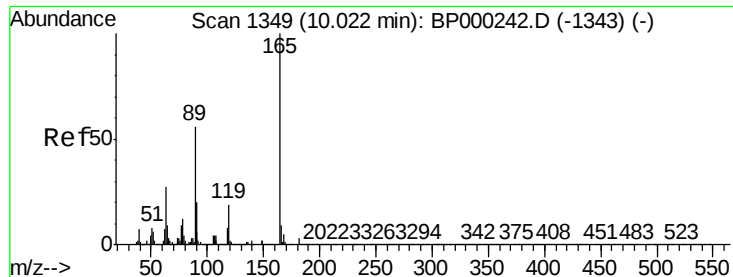
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.0	45.0
169	14.1	11.0	16.6



#56
4-Nitrophenol
Concen: 12.123 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.11 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.2	46.2	86.2#
65	1.4	59.4	99.4#

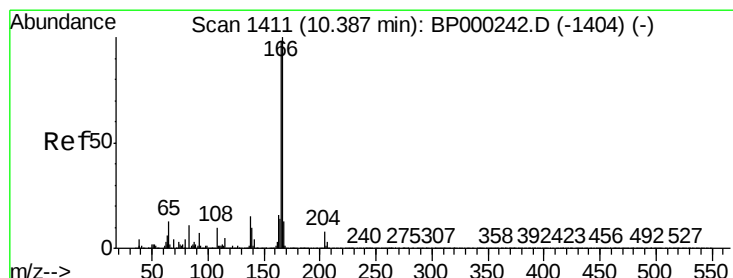
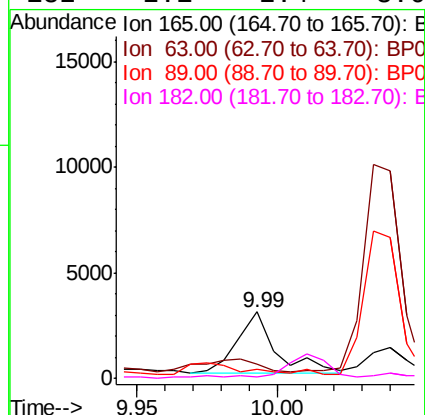
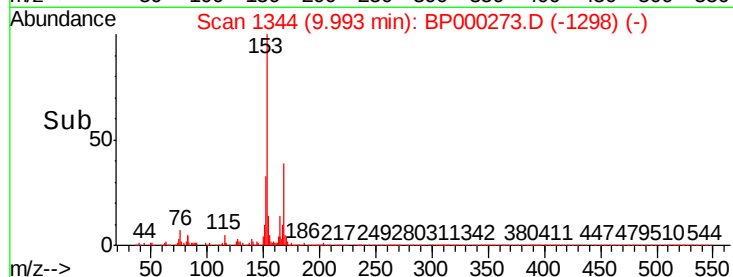
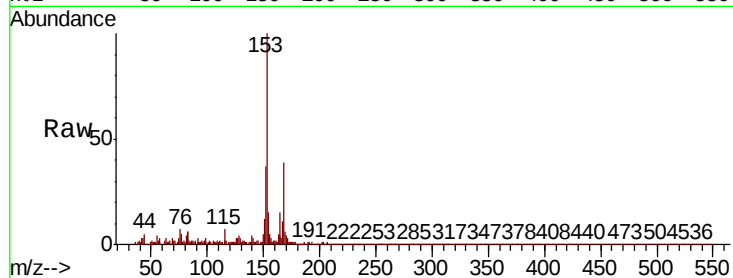




#57
2,4-Dinitrotoluene
Concen: 0.283 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

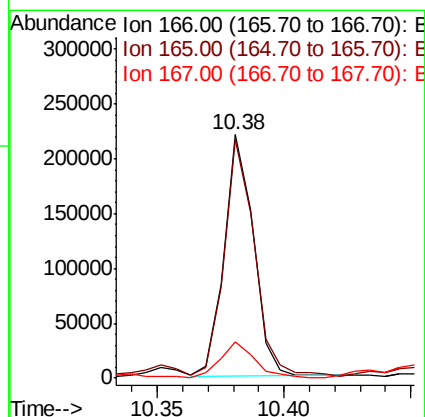
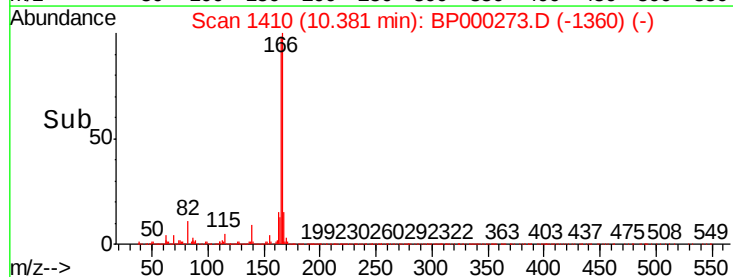
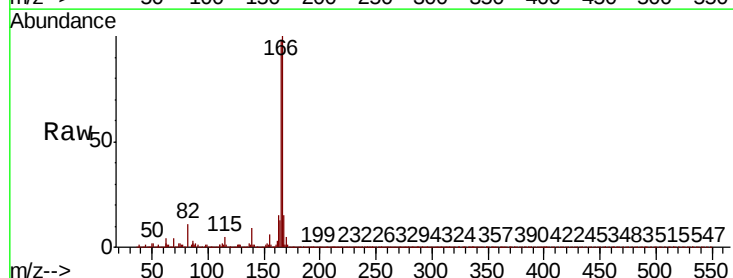
Instrument :
BNA_P
ClientSampleId :

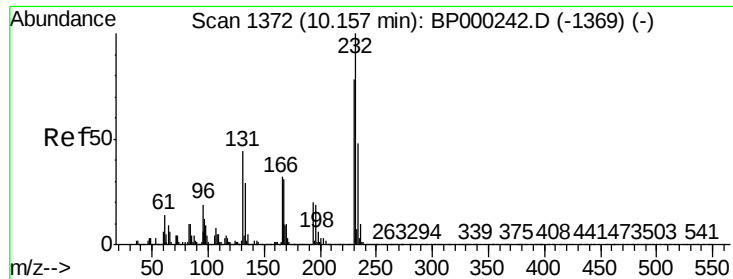
Tot Ion:165 Resp: 2790
Ion Ratio Lower Upper
165 100
63 21.9 21.7 32.5
89 13.0 45.0 67.6#
182 2.1 2.4 3.6#



#58
Fluorene
Concen: 5.875 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:166 Resp: 177623
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 15.1 10.7 16.1

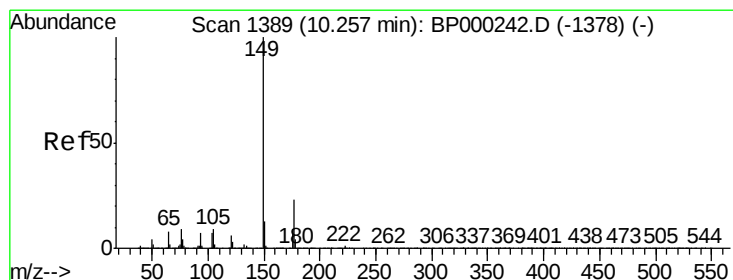
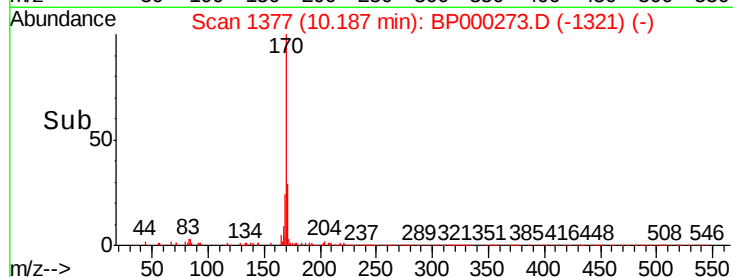
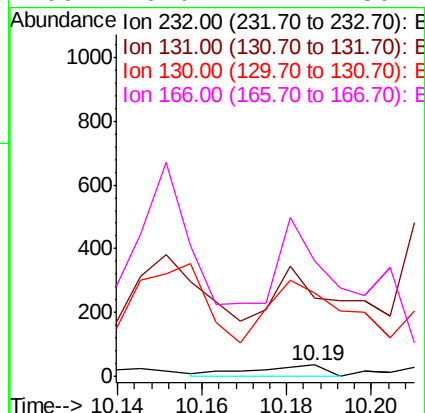
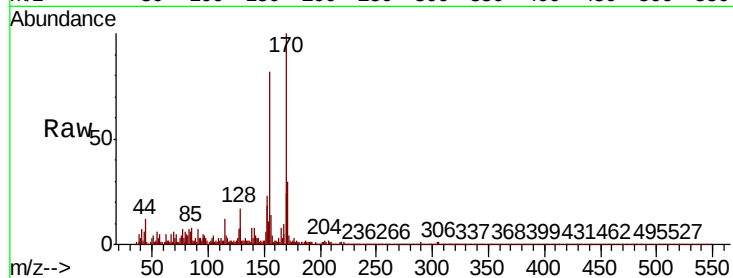




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.005 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.03 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

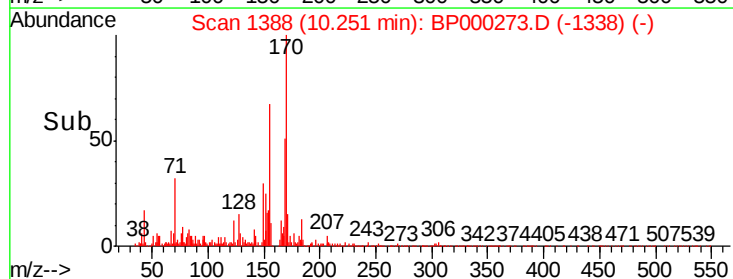
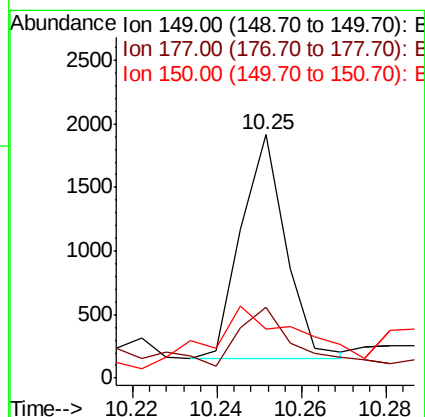
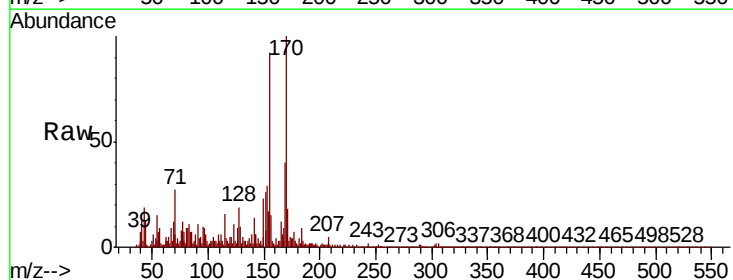
Instrument :
BNA_P
ClientSampled :

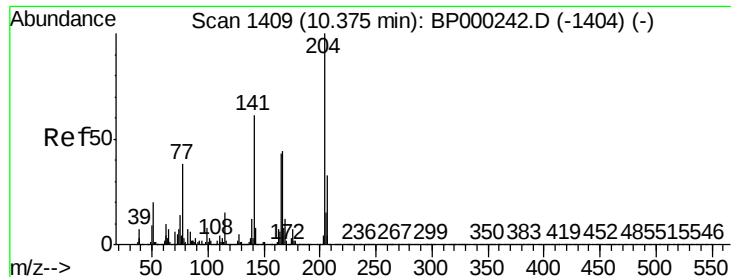
Tot Ion	Ratio	Lower	Upper
232	100		
131	351.2	33.6	50.4#
130	661.0	1.8	2.6#
166	0.0	24.2	36.2#



#60
Diethylphthalate
Concen: 0.040 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	29.0	18.1	27.1#
150	20.0	10.3	15.5#





#61

4-Chlorophenyl-phenylether

Concen: 0.008 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

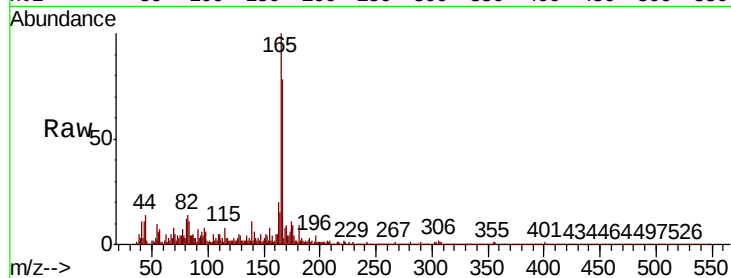
Tot Ion:204 Resp: 124

Ion Ratio Lower Upper

204 100

206 55.6 26.3 39.5#

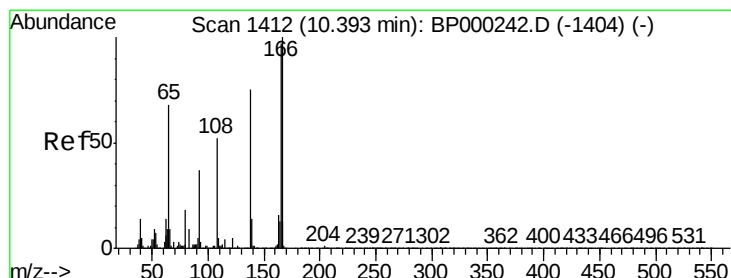
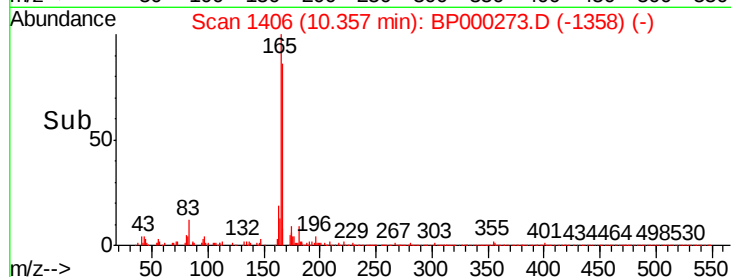
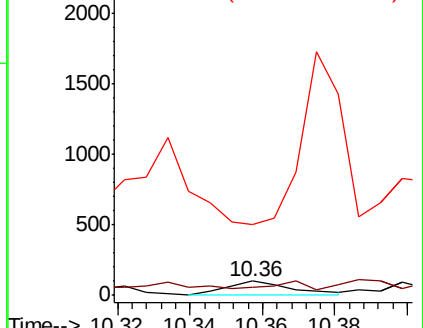
141 510.1 48.6 72.8#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 0.036 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.11 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

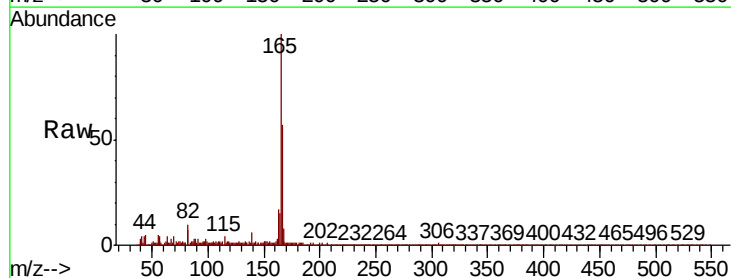
Tgt Ion:138 Resp: 309

Ion Ratio Lower Upper

138 100

92 46.8 30.1 70.1

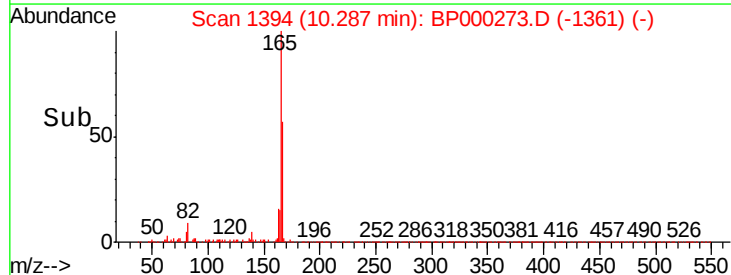
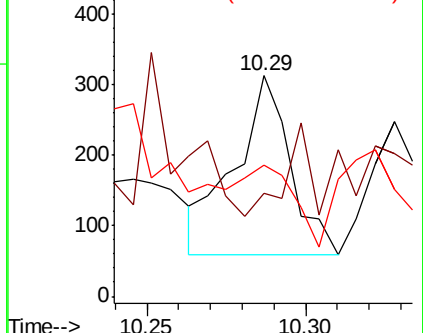
108 59.6 49.5 89.5

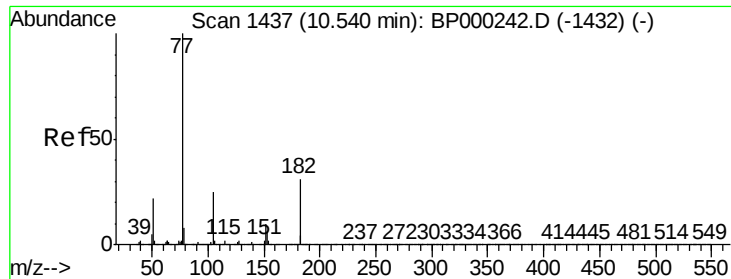


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

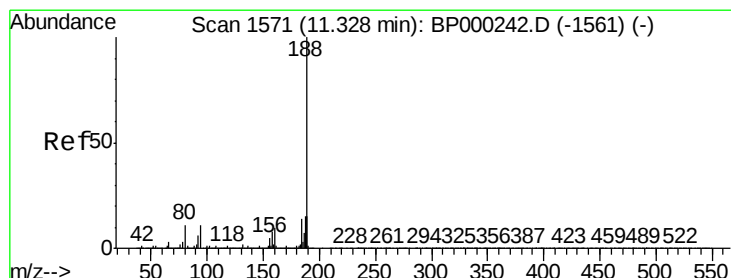
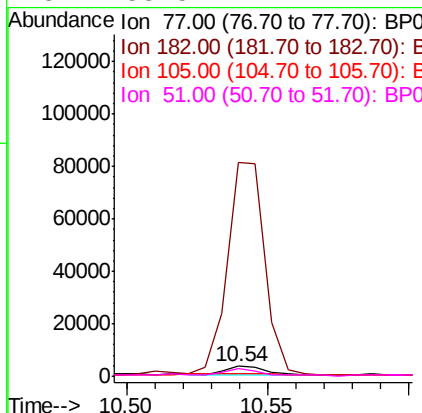
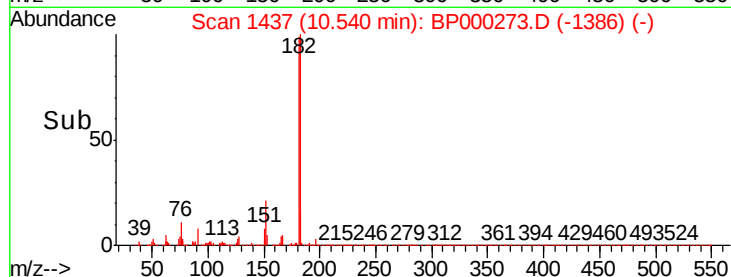
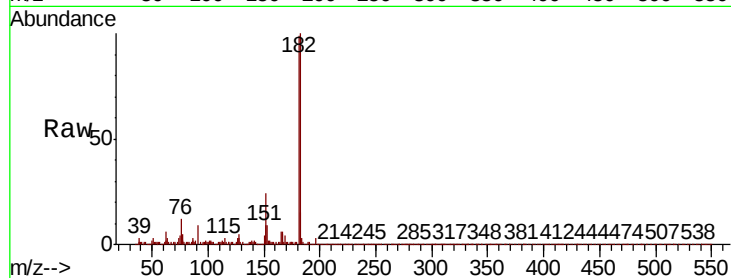




#63
Azobenzene
Concen: 0.121 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

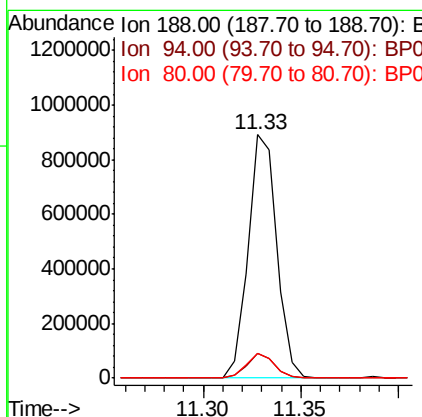
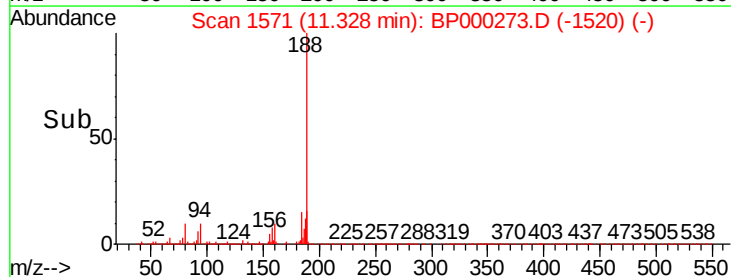
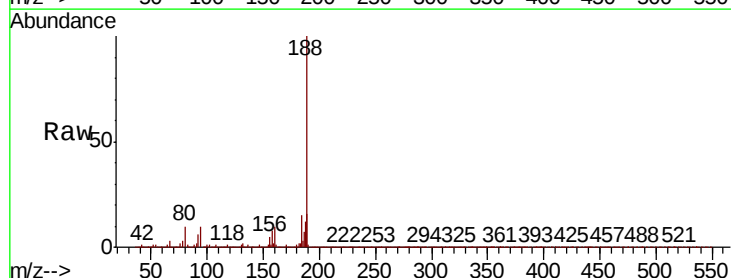
Instrument :
BNA_P
ClientSampleId :

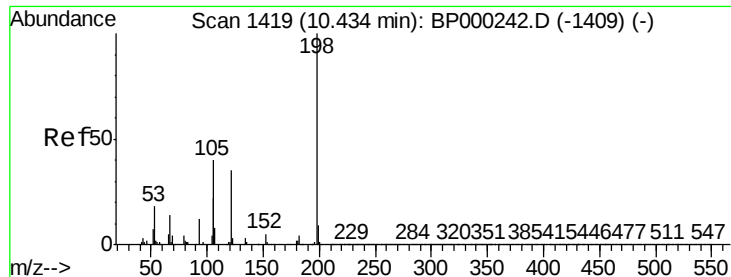
Tot Ion: 77 Resp: 3378
Ion Ratio Lower Upper
77 100
182 1592.5 11.1 51.1#
105 22.8 4.7 44.7
51 55.5 2.2 42.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion: 188 Resp: 900624
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.0 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

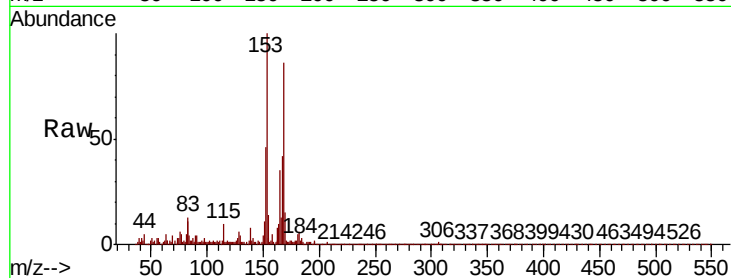
Tot Ion:198 Resp: 127

Ion Ratio Lower Upper

198 100

51 603.3 7.4 47.4#

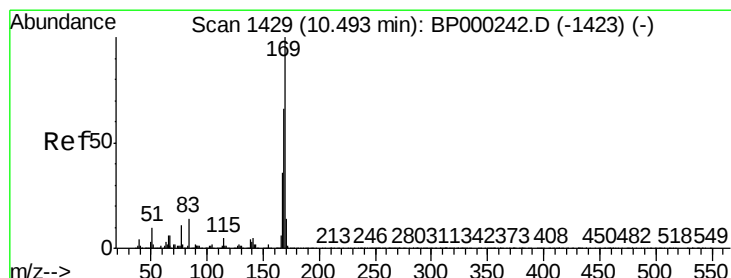
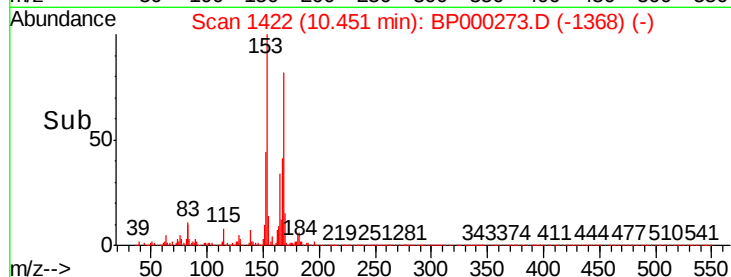
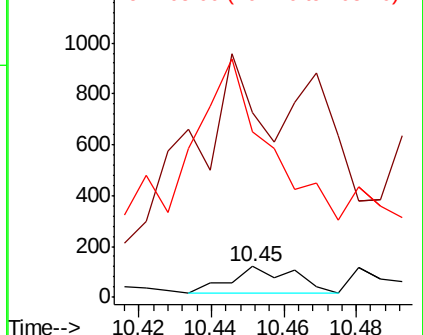
105 541.7 20.2 60.2#



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



#66

n-Nitrosodiphenylamine

Concen: 0.187 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

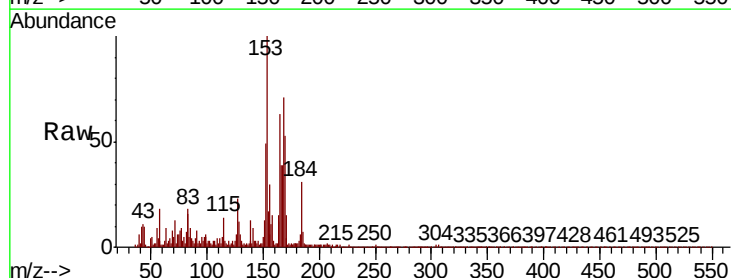
Tgt Ion:169 Resp: 5079

Ion Ratio Lower Upper

169 100

168 133.9 52.9 79.3#

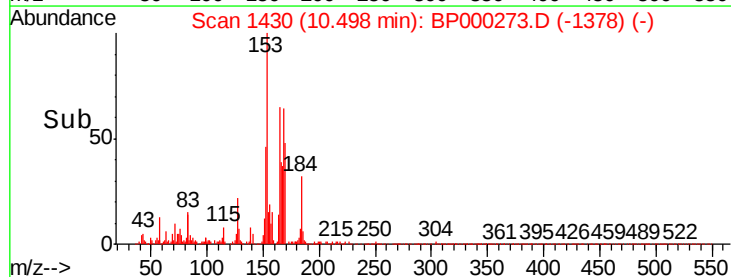
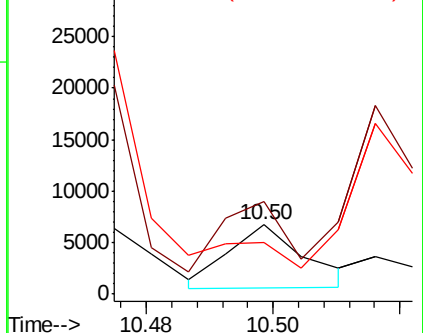
167 74.8 29.0 43.6#

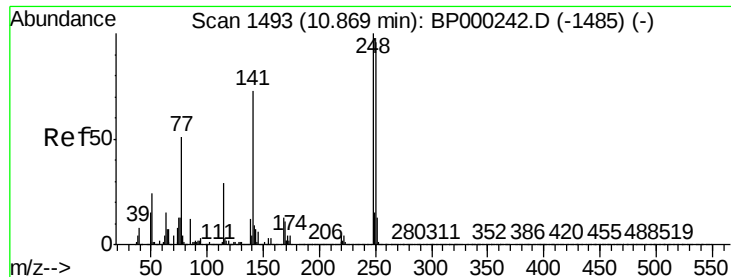


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

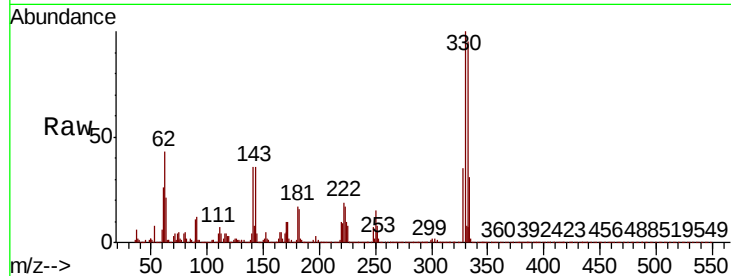




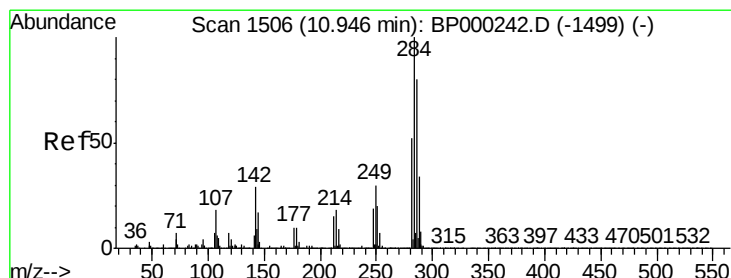
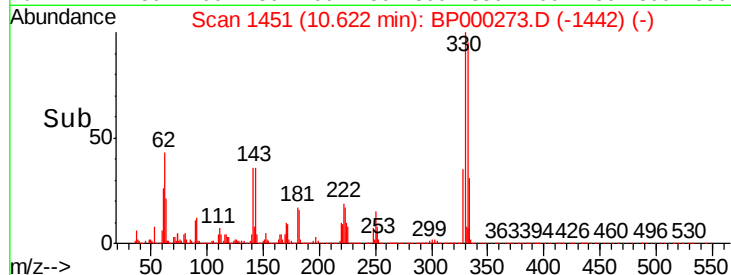
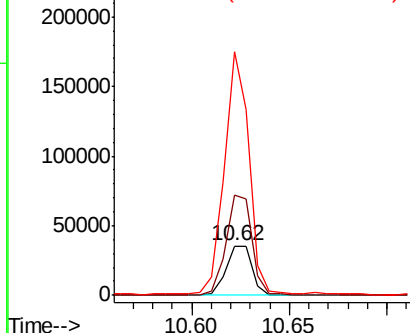
#67
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 32993
Ion Ratio Lower Upper
248 100
250 203.7 77.0 115.4#
141 492.8 58.5 87.7#

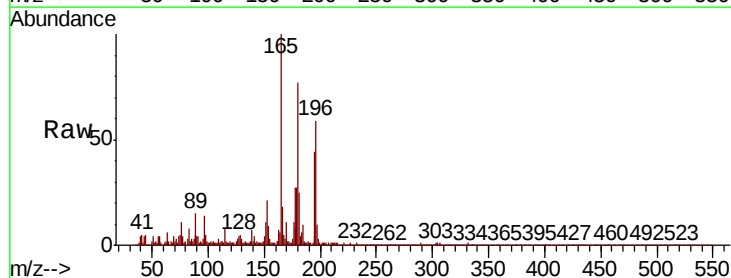


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

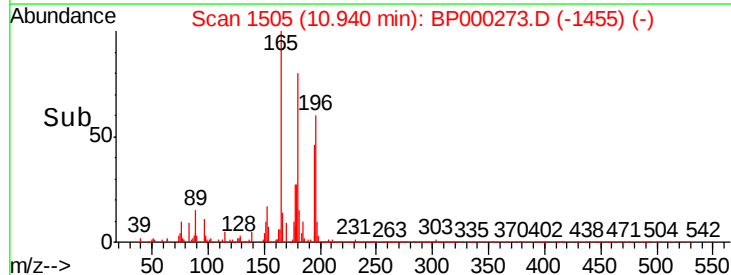
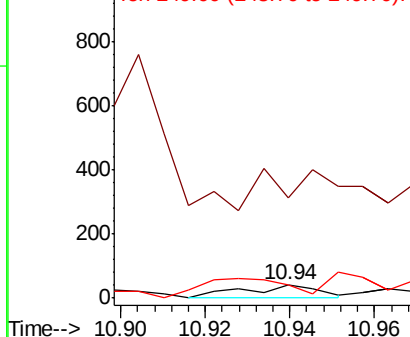


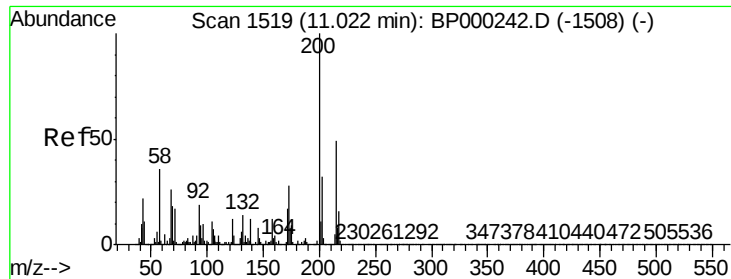
#68
Hexachlorobenzene
Concen: 0.005 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:284 Resp: 53
Ion Ratio Lower Upper
284 100
142 763.4 23.6 35.4#
249 97.6 24.3 36.5#



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

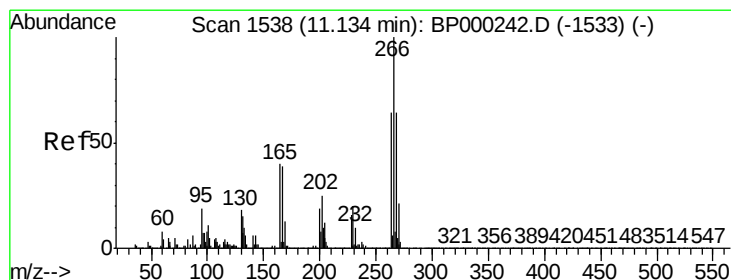
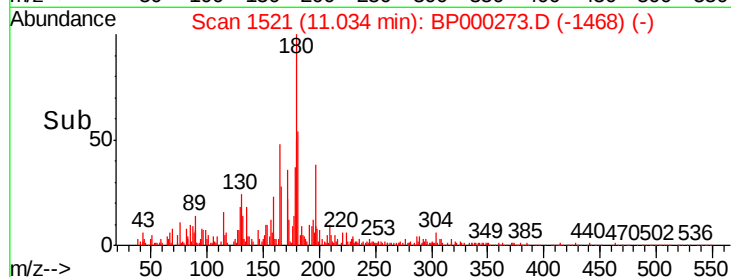
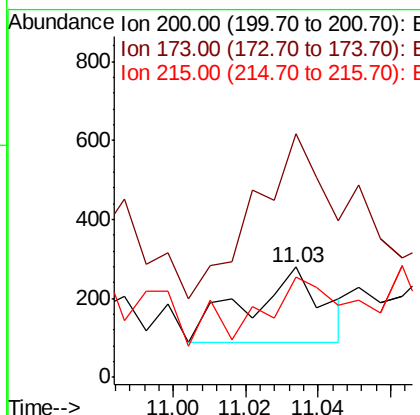
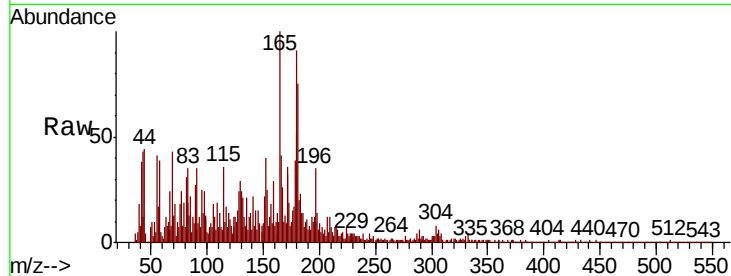




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

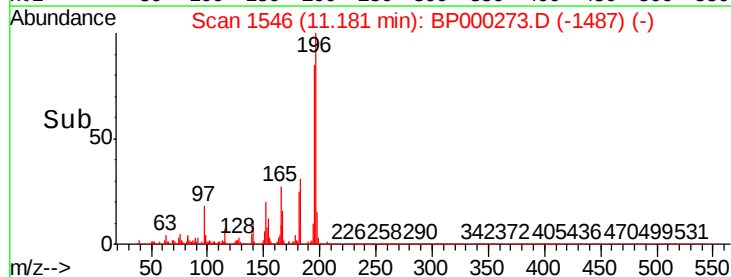
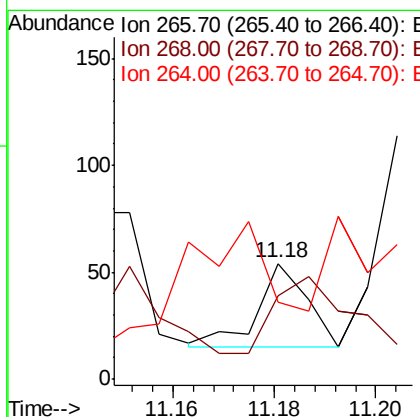
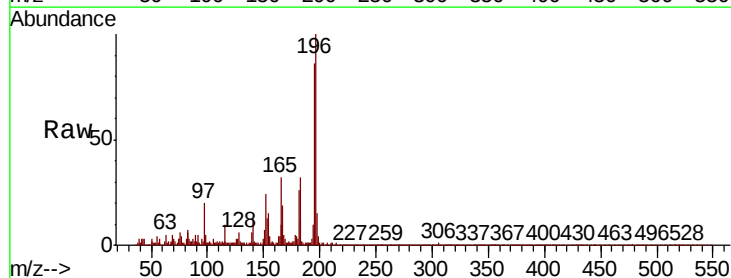
Instrument :
BNA_P
ClientSampleId :

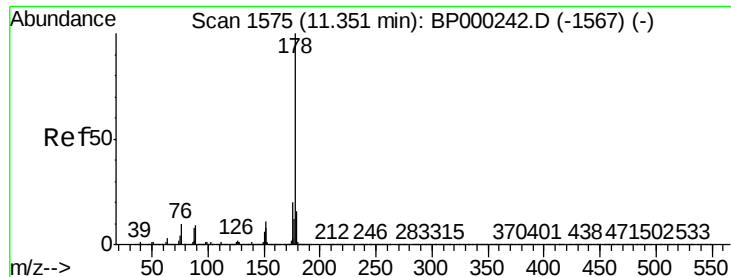
Tot Ion:200 Resp: 273
Ion Ratio Lower Upper
200 100
173 221.1 7.6 47.6#
215 91.0 28.6 68.6#



#70
Pentachlorophenol
Concen: 0.004 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.05 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
268 72.2 51.6 77.4
264 66.7 50.8 76.2

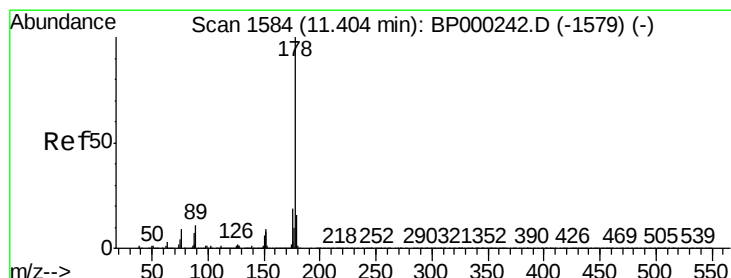
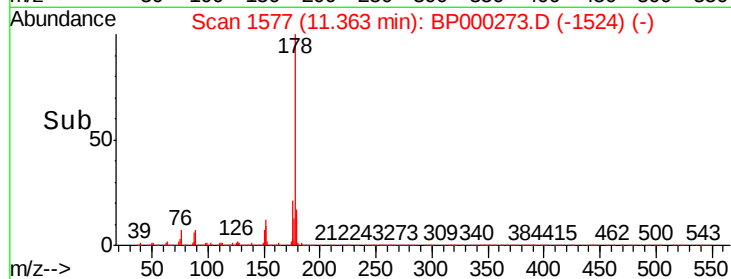
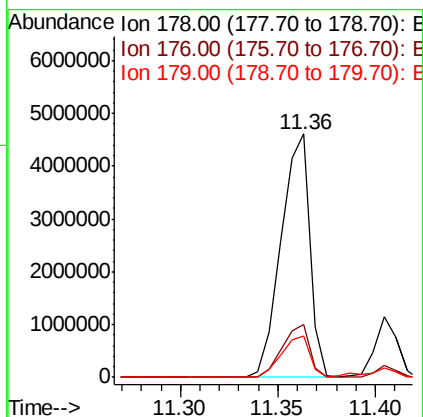
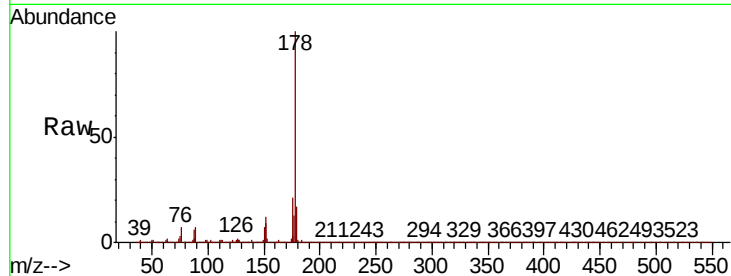




#71
Phenanthrene
Concen: 103.943 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

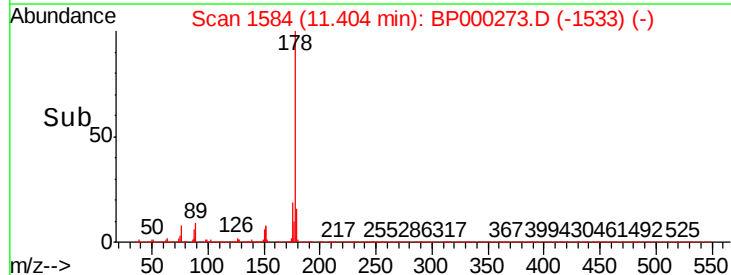
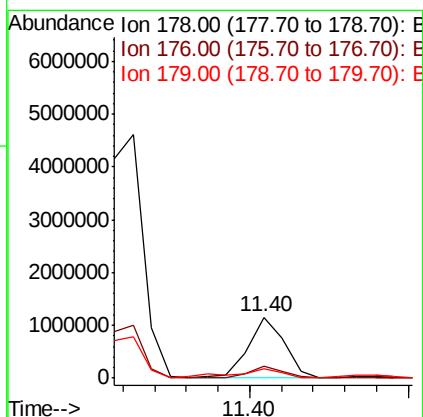
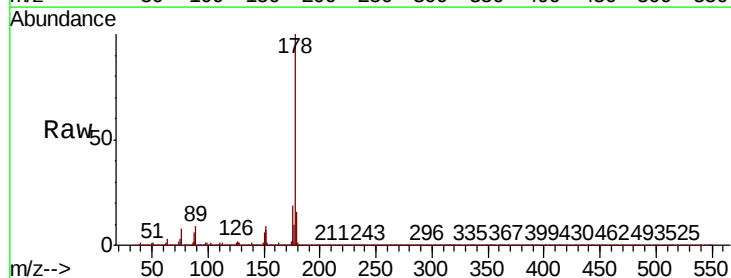
Instrument :
BNA_P
ClientSampleId :

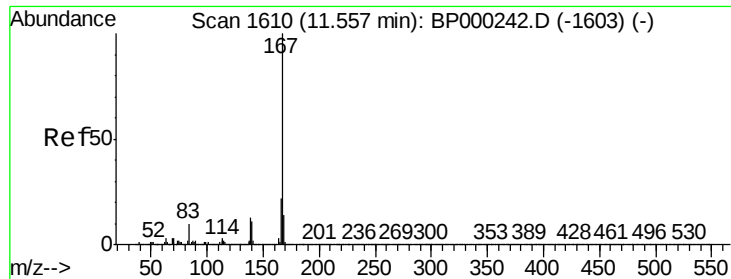
Tot Ion:178 Resp: 4691210
Ion Ratio Lower Upper
178 100
176 21.5 15.8 23.8
179 17.1 12.7 19.1



#72
Anthracene
Concen: 19.474 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:178 Resp: 904681
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.7 19.1

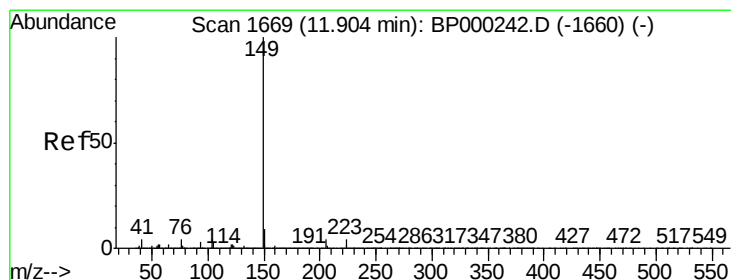
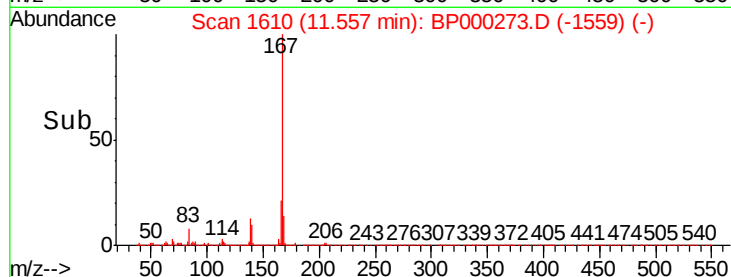
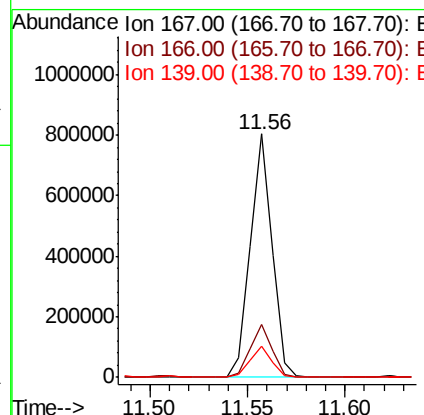
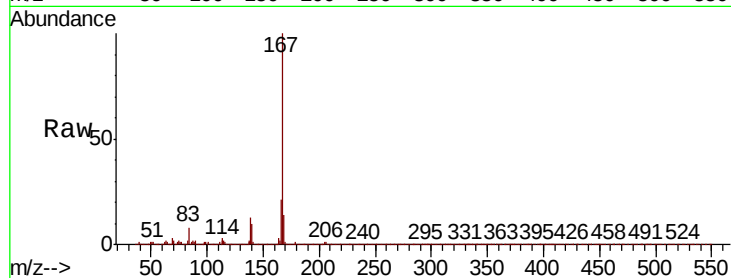




#73
 Carbazole
 Concen: 14.848 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

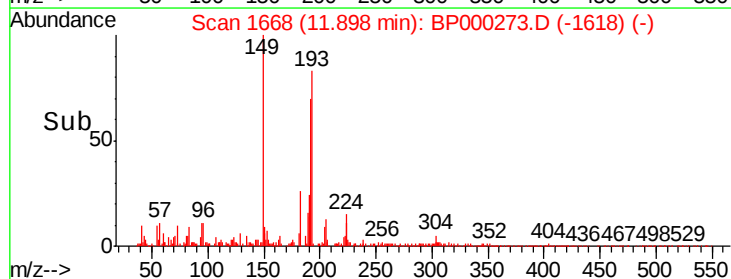
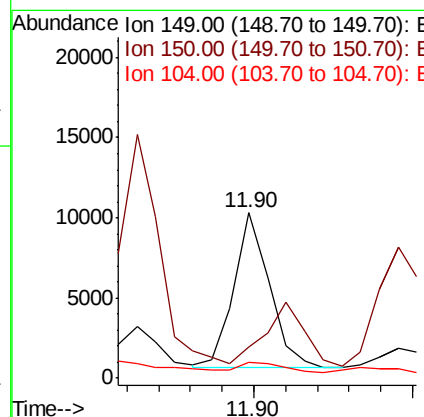
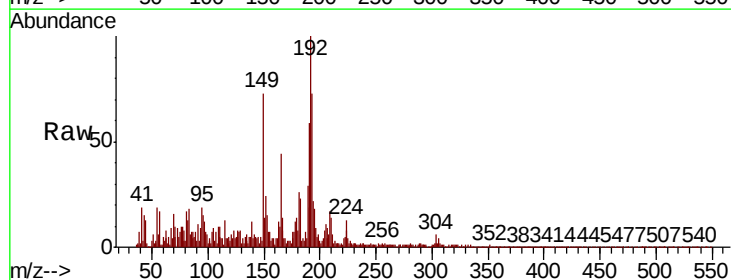
Instrument :
 BNA_P
 ClientSampleId :

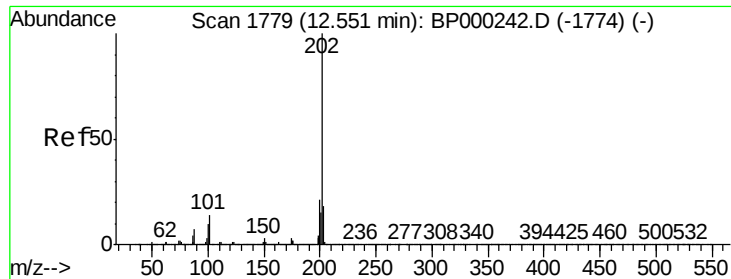
Tot Ion:167 Resp: 621208
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.141 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion:149 Resp: 7478
 Ion Ratio Lower Upper
 149 100
 150 19.0 7.4 11.2#
 104 9.8 3.5 5.3#





#75

Fluoranthene

Concen: 132.027 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

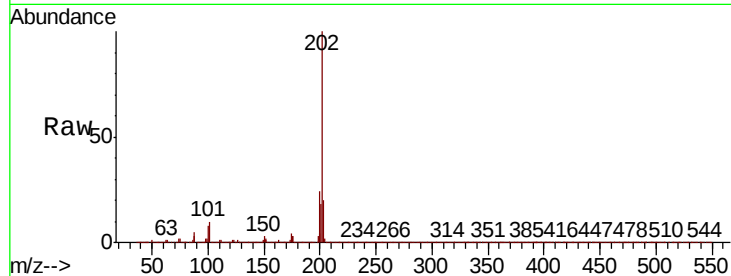
Tot Ion:202 Resp: 6398372

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.9

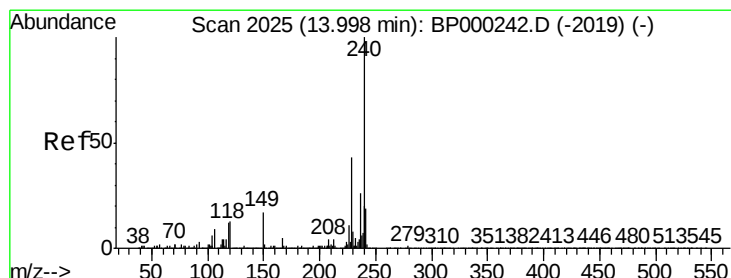
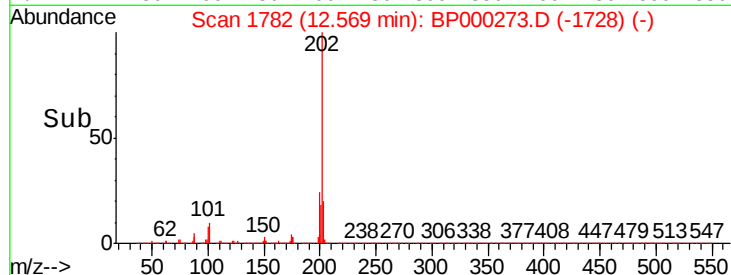
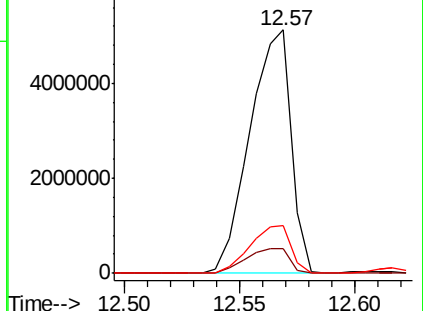
203 19.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

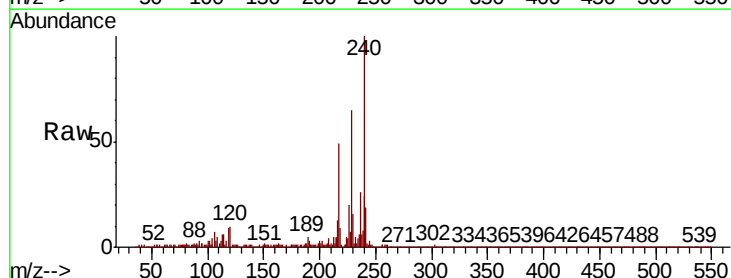
Tgt Ion:240 Resp: 672357

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

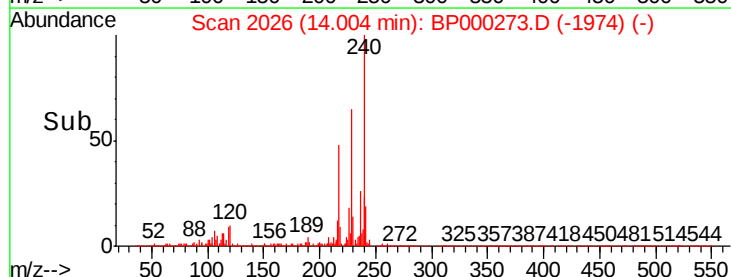
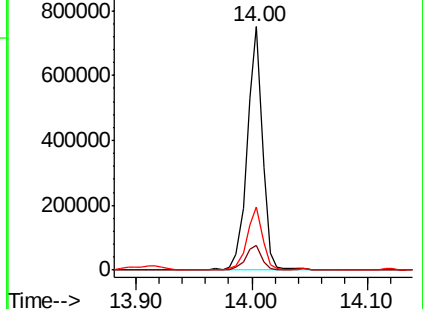
236 26.1 21.0 31.6

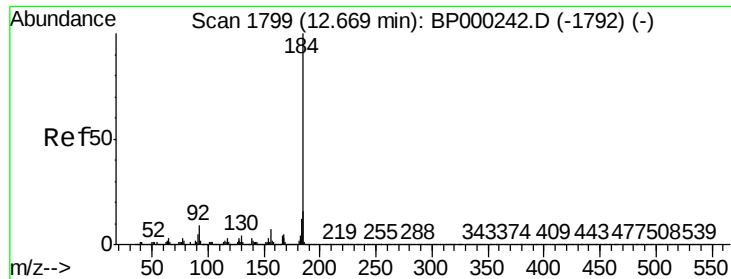


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.259 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.26 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

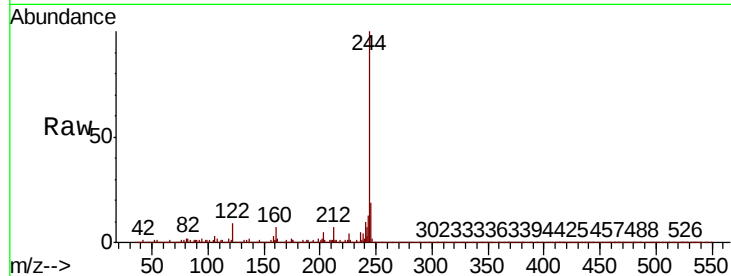
Tot Ion:184 Resp: 30227

Ion Ratio Lower Upper

184 100

185 18.7 12.7 19.1

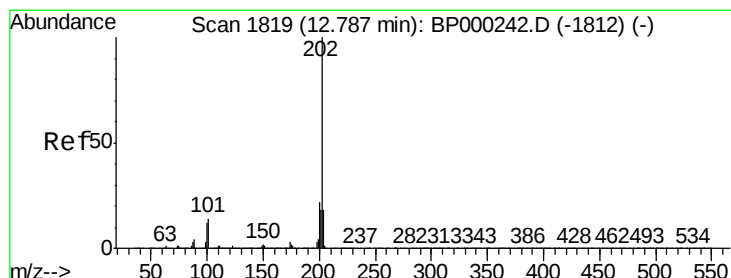
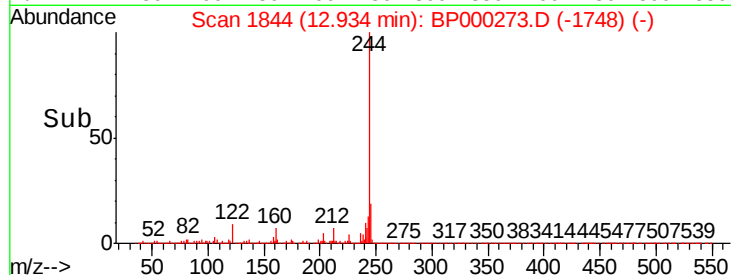
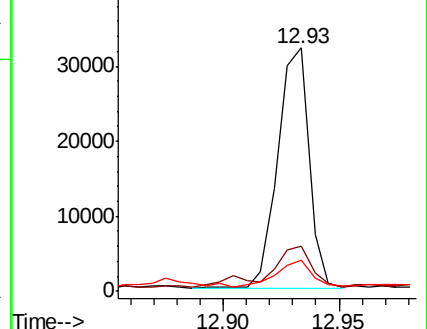
183 12.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 112.368 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

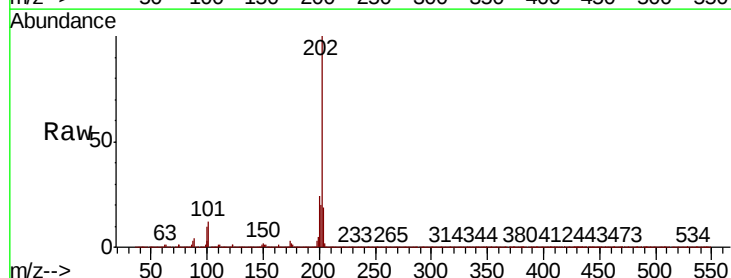
Tgt Ion:202 Resp: 5652512

Ion Ratio Lower Upper

202 100

200 24.0 17.5 26.3

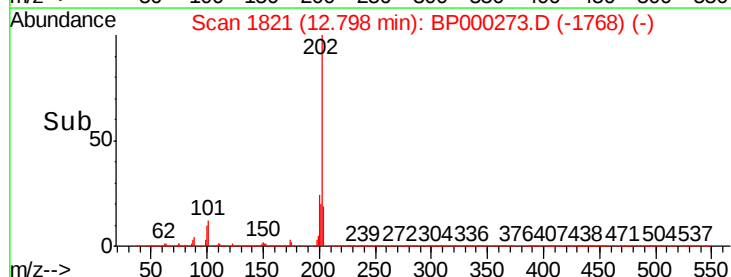
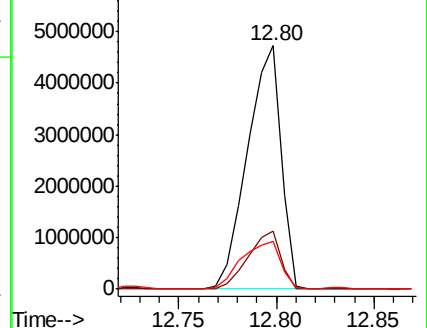
203 19.5 14.3 21.5

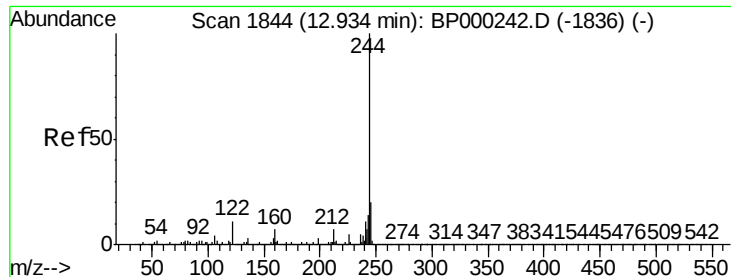


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.682 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

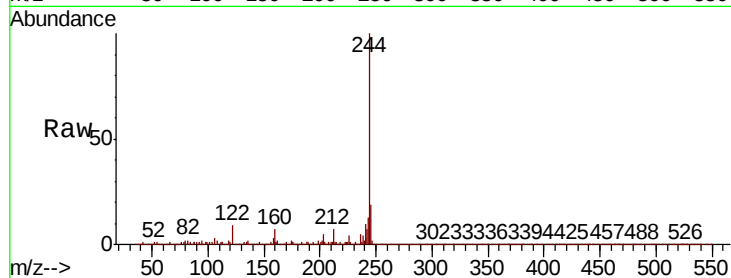
Tot Ion:244 Resp: 2169210

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

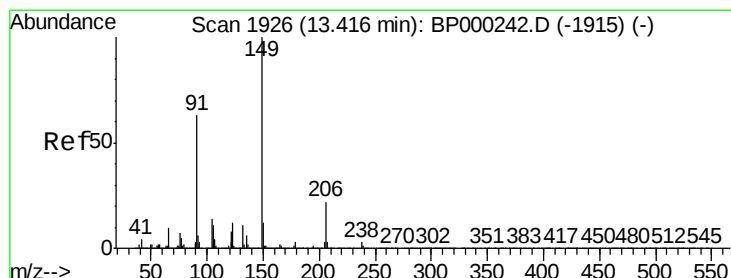
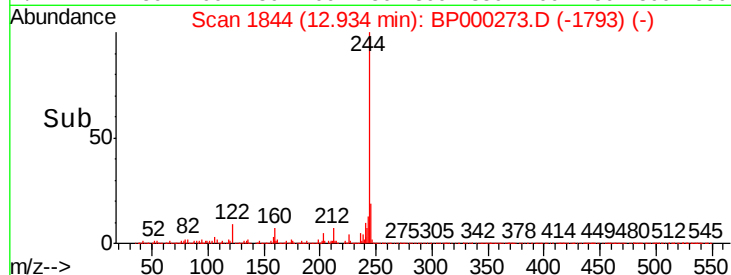
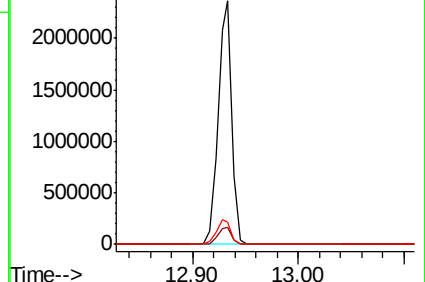
122 9.4 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 0.014 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.04 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

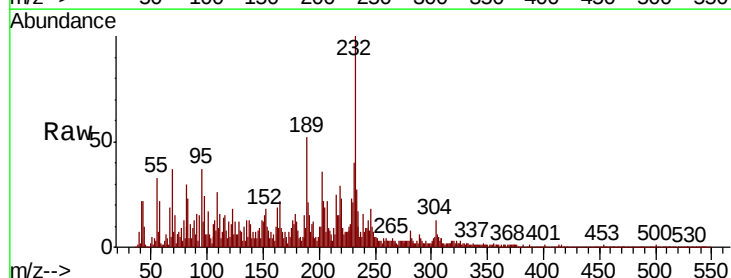
Tgt Ion:149 Resp: 320

Ion Ratio Lower Upper

149 100

91 116.1 50.6 76.0#

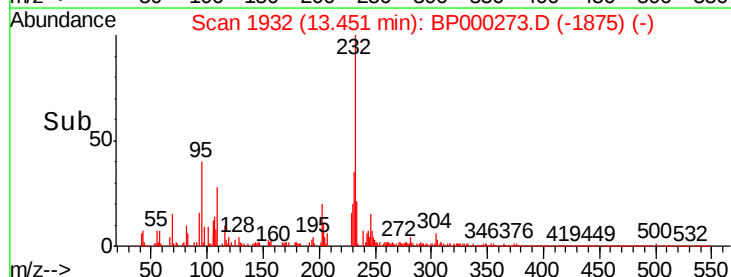
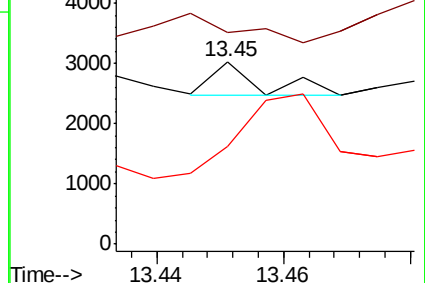
206 53.5 17.8 26.6#

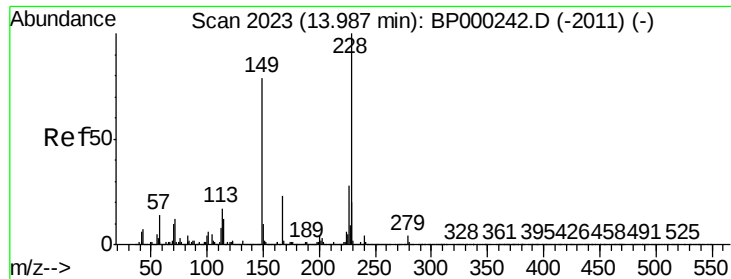


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 70.413 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

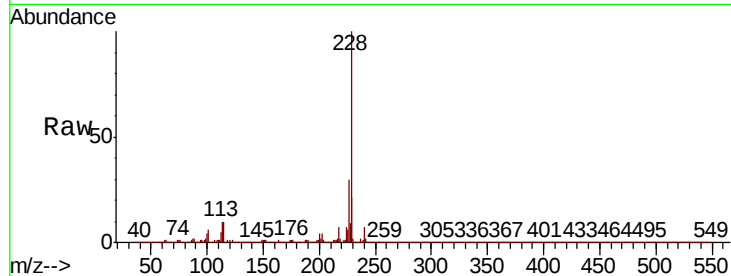
Tot Ion:228 Resp: 2990517

Ion Ratio Lower Upper

228 100

226 30.0 22.2 33.4

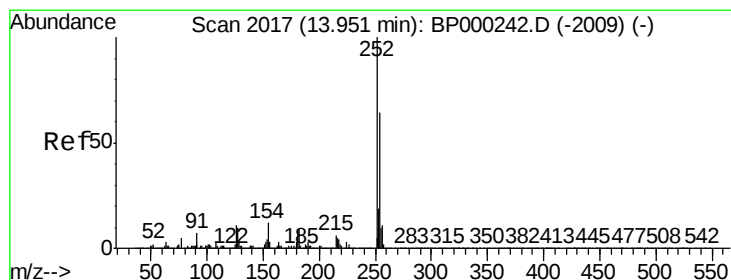
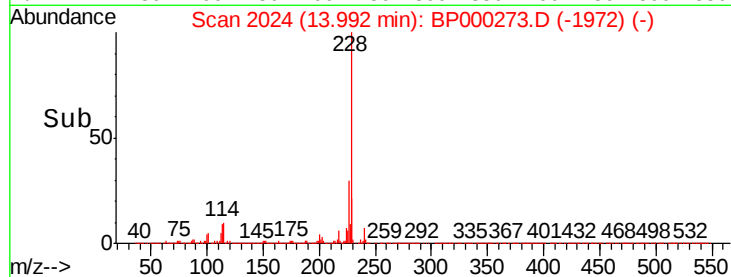
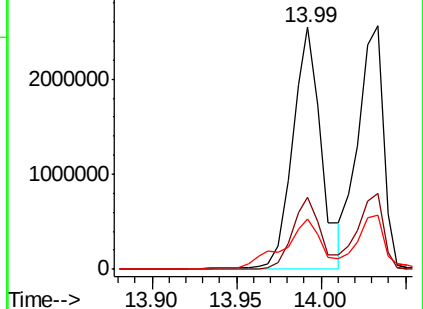
229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.071 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

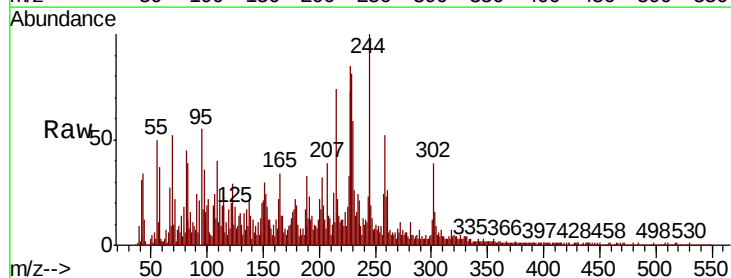
Tgt Ion:252 Resp: 1206

Ion Ratio Lower Upper

252 100

254 71.1 51.5 77.3

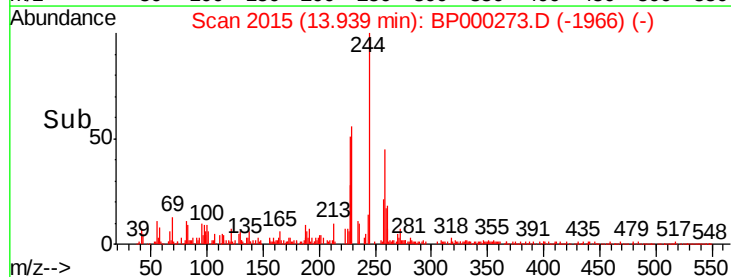
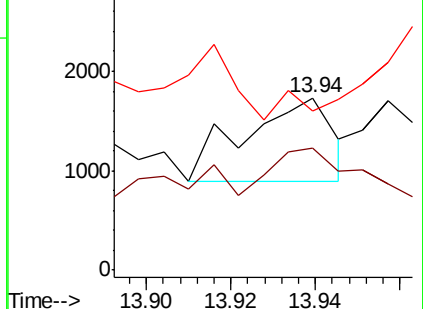
126 92.5 8.4 12.6#

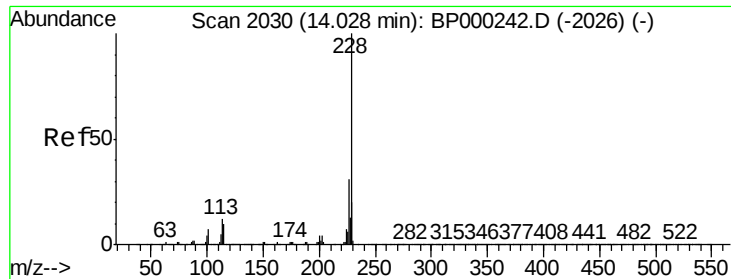


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

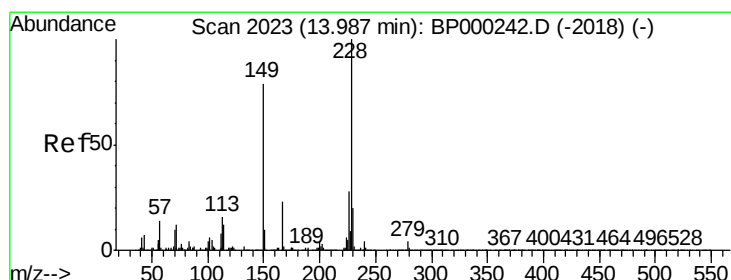
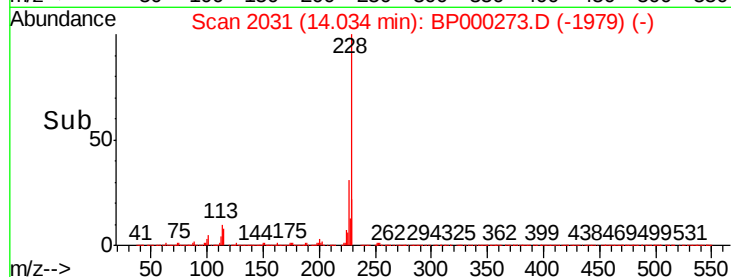
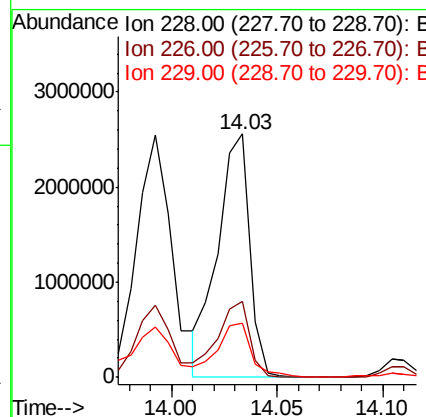
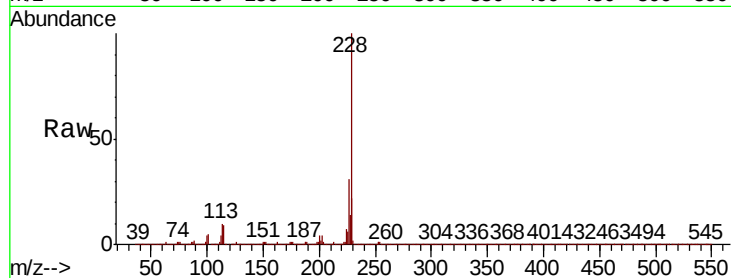




#83
 Chrysene
 Concen: 64.633 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

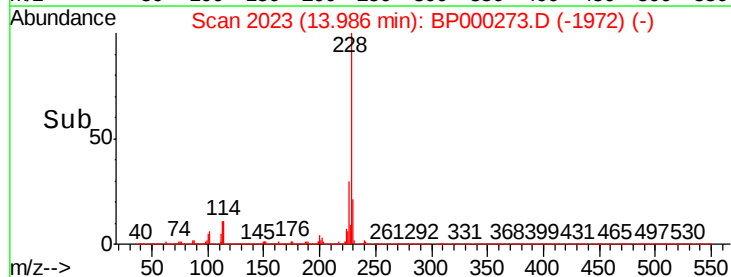
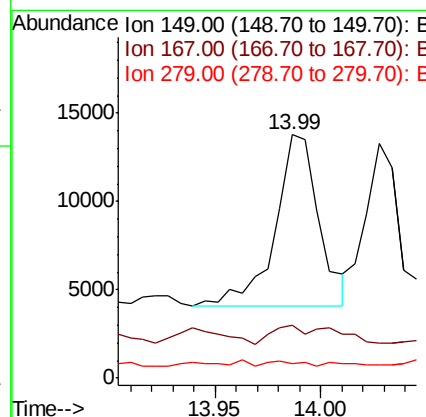
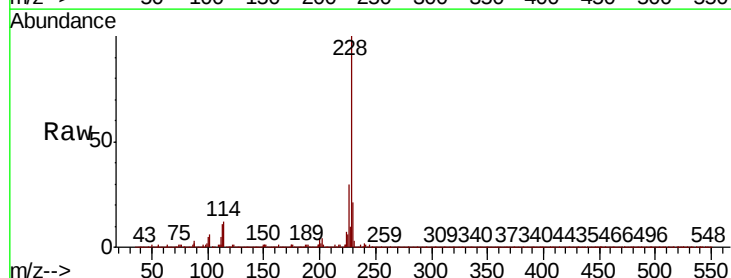
Instrument :
 BNA_P
 ClientSampleId :

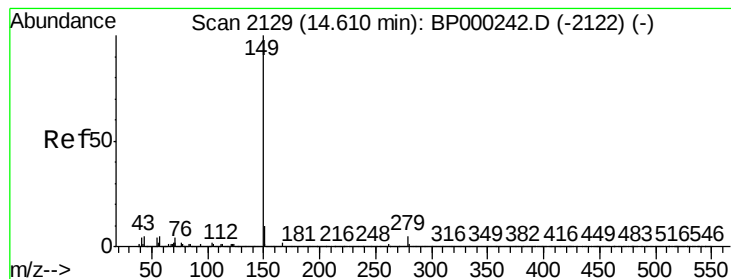
Tot Ion:228 Resp: 2695210
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 22.1 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.506 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BP000273.D
 Acq: 17 Sep 2019 15:24

Tgt Ion:149 Resp: 14050
 Ion Ratio Lower Upper
 149 100
 167 21.5 23.0 34.4#
 279 5.8 3.7 5.5#





#85

Di-n-octyl phthalate

Concen: 0.079 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.03 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampled :

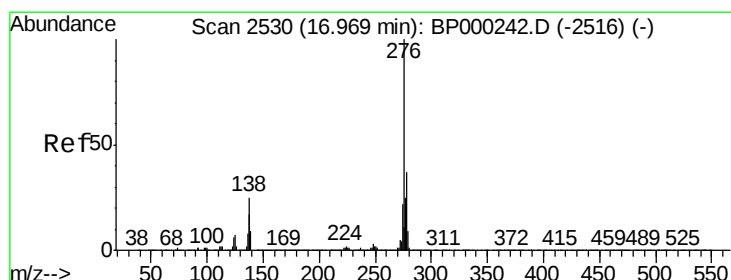
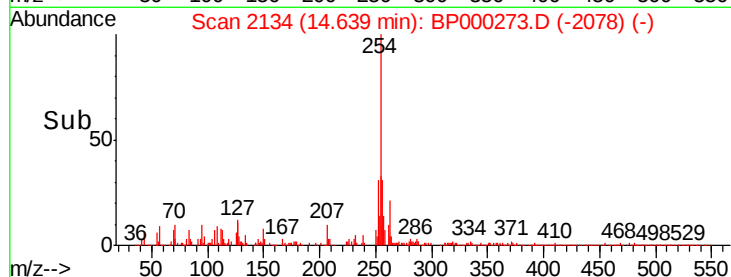
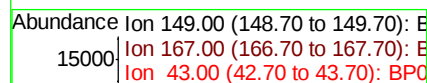
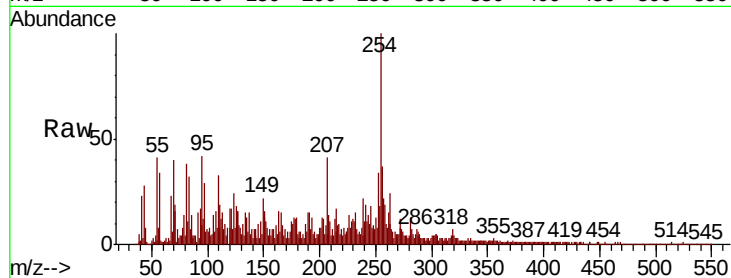
Tot Ion:149 Resp: 4041

Ion Ratio Lower Upper

149 100

167 31.0 1.4 2.0#

43 0.0 5.0 7.6#



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.102 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.16 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

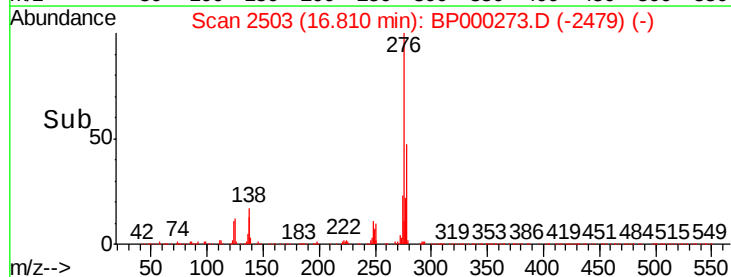
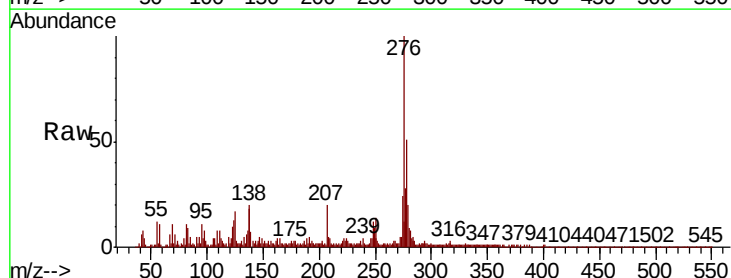
Tgt Ion:276 Resp: 208522

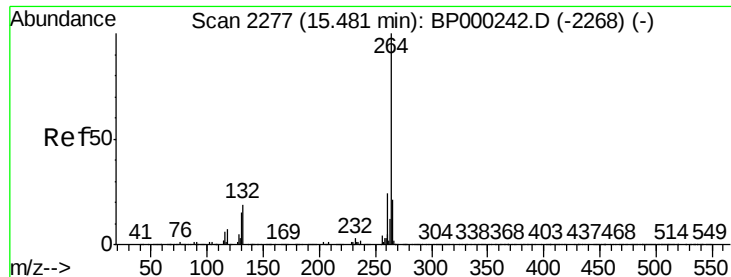
Ion Ratio Lower Upper

276 100

138 22.9 22.6 33.8

277 27.5 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

Instrument :

BNA_P

ClientSampleId :

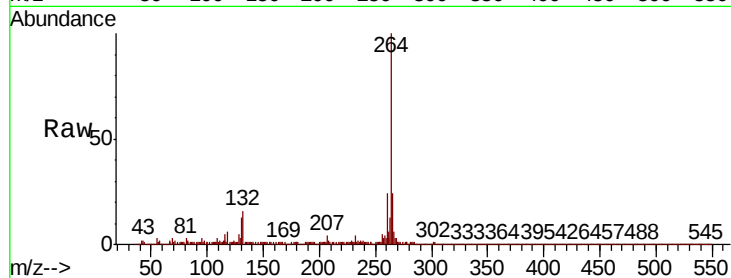
Tot Ion:264 Resp: 615081

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

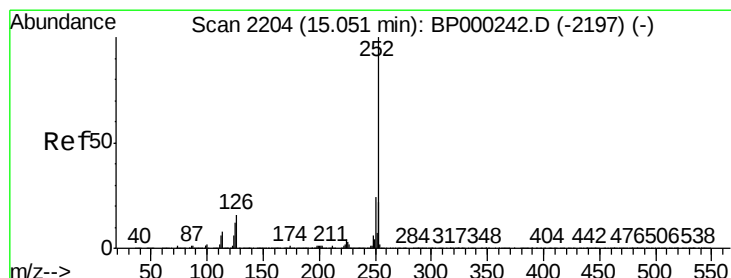
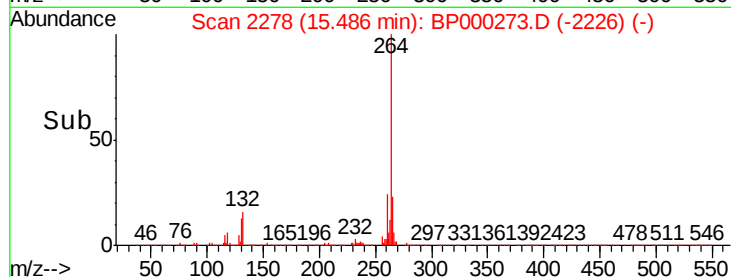
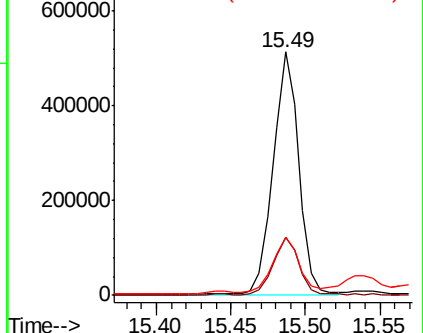
265 23.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 111.054 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BP000273.D

Acq: 17 Sep 2019 15:24

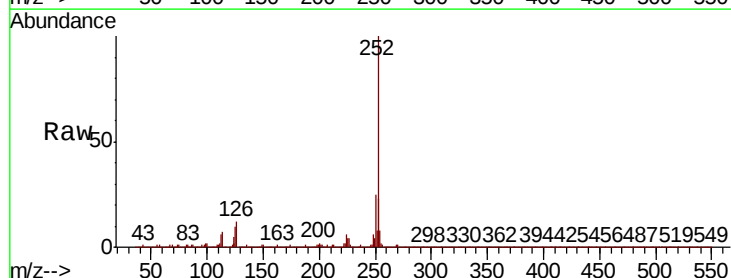
Tgt Ion:252 Resp: 4074949

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

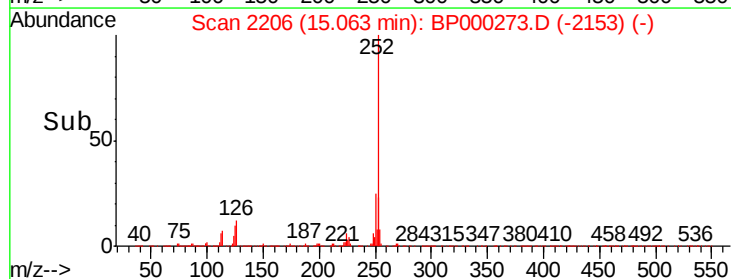
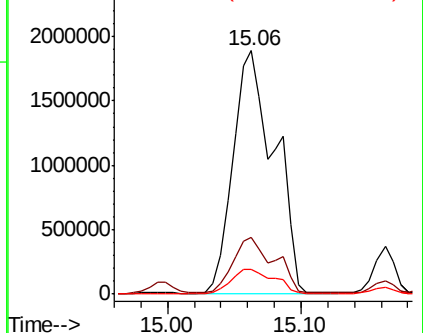
125 10.3 9.5 14.3

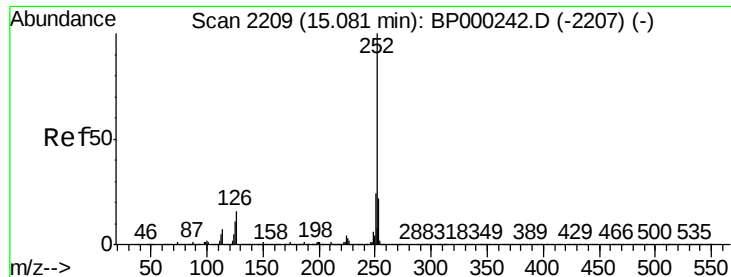


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

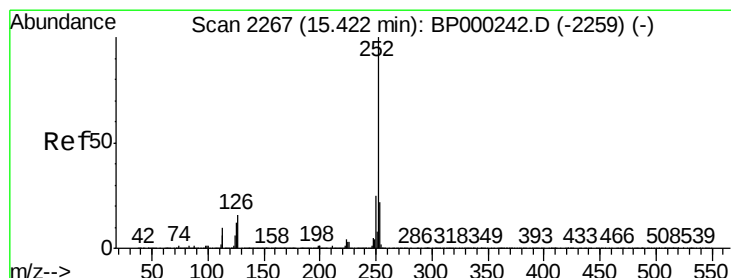
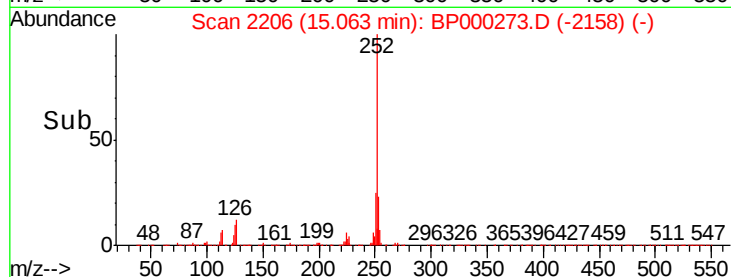
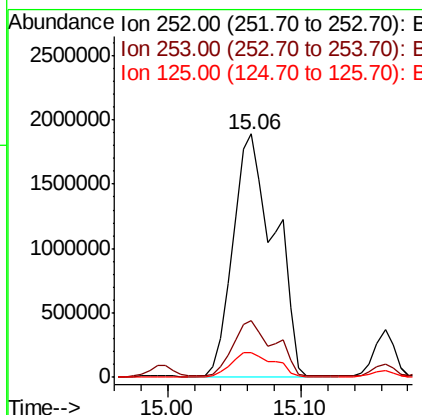
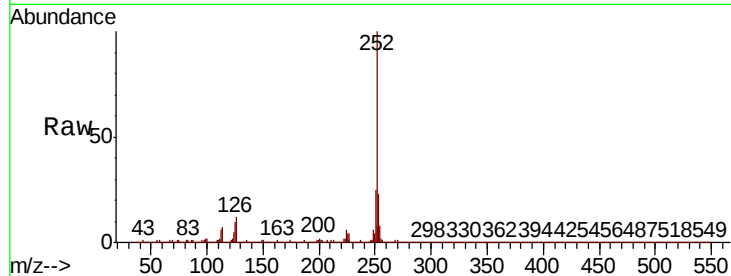




#89
Benzo(k)fluoranthene
Concen: 127.312 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

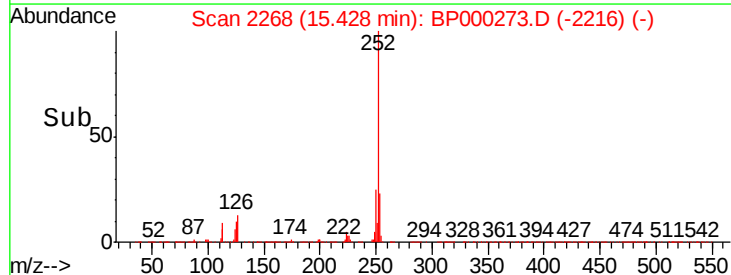
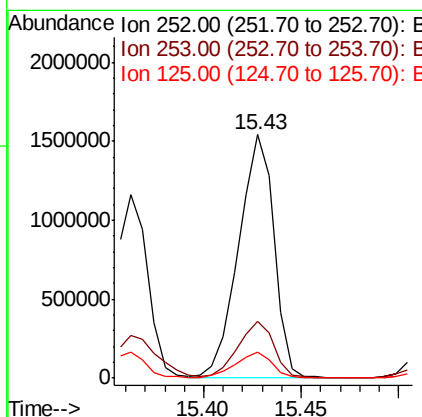
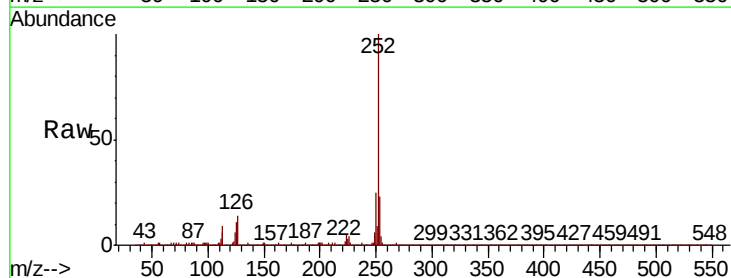
Instrument :
BNA_P
ClientSampleId :

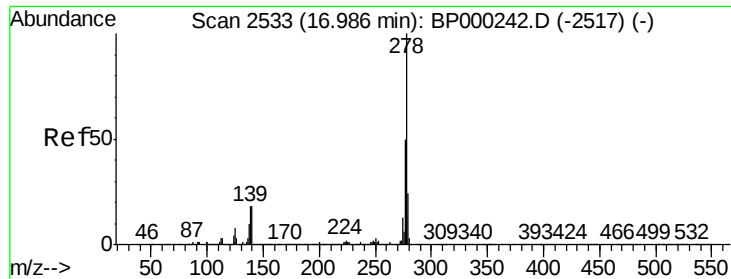
Tot Ion:252 Resp: 4074949
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.3 9.6 14.4



#90
Benzo(a)pyrene
Concen: 57.520 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion:252 Resp: 1920492
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 10.8 10.0 15.0

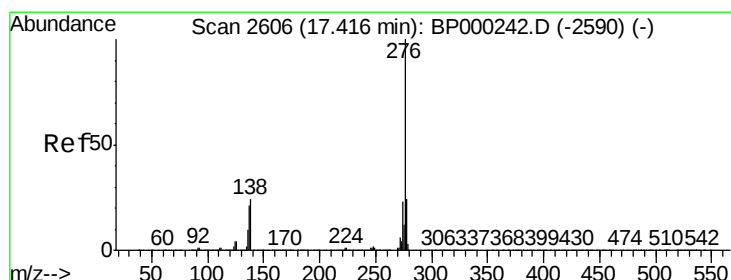
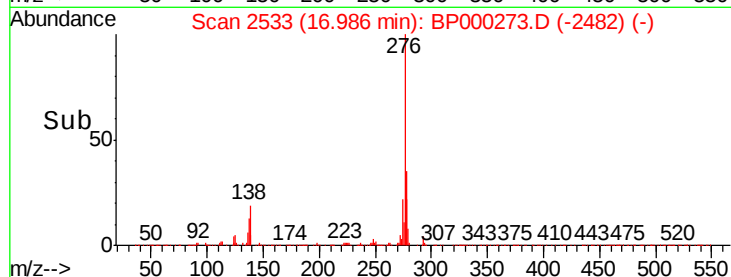
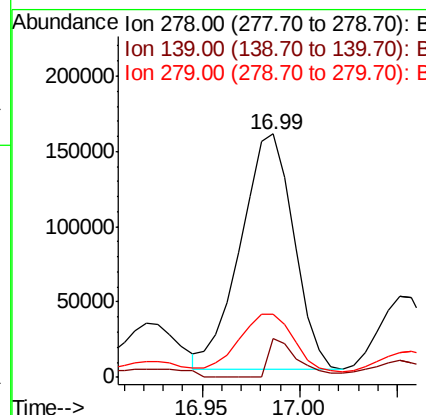
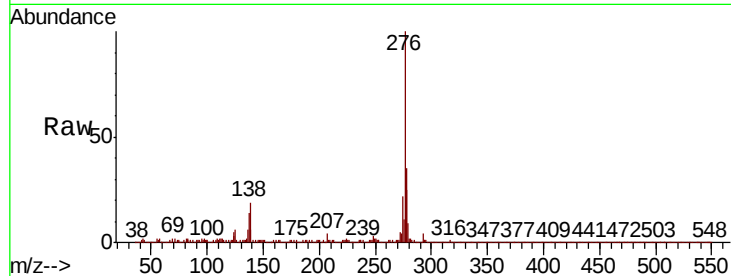




#91
Dibenzo(a,h)anthracene
Concen: 9.485 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.5	21.7
279	26.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 33.145 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BP000273.D
Acq: 17 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	20.1	19.5	29.3

