

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001342.D
 Acq On : 20 Dec 2019 14:46
 Operator : JU
 Sample : K6300-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 22:29:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	52107	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	180638	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	103841	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	202144	20.00	ng	0.00
76) Chrysene-d12	19.26	240	161865	20.00	ng	0.01
87) Perylene-d12	21.03	264	164399	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	212096	65.79	ng	0.00
7) Phenol-d6	7.75	99	176615	41.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	453602	96.43	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	190660	146.86	ng	0.01
45) 2-Fluorobiphenyl	12.12	172	775984	94.49	ng	0.00
79) Terphenyl-d14	17.89	244	989547	104.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	23315	17.572	ng	97
3) Pyridine	3.45	79	44884	12.383	ng	92
4) n-Nitrosodimethylamine	3.33	42	46430	20.230	ng	96
6) Aniline	7.78	93	78178	14.762	ng	# 72
8) 2-Chlorophenol	7.96	128	131693	40.630	ng	99
9) Benzaldehyde	7.59	77	151831	51.448	ng	97
10) Phenol	7.76	94	72830	15.151	ng	91
11) bis(2-Chloroethyl)ether	7.90	93	162158	47.685	ng	97
12) 1,3-Dichlorobenzene	8.20	146	172945	42.837	ng	99
13) 1,4-Dichlorobenzene	8.33	146	177352	43.117	ng	97
14) 1,2-Dichlorobenzene	8.56	146	170572	43.529	ng	99
15) Benzyl Alcohol	8.53	79	120825	30.608	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	241657	44.870	ng	99
17) 2-Methylphenol	8.73	107	94874	33.124	ng	97
18) Hexachloroethane	9.10	117	72779	41.593	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	145322	48.659	ng	98
20) 3+4-Methylphenols	8.97	107	113280	29.804	ng	98
22) Acetophenone	8.95	105	268323	46.973	ng	# 97
24) Nitrobenzene	9.22	77	222953	48.156	ng	100
25) Isophorone	9.61	82	376957	49.838	ng	99
26) 2-Nitrophenol	9.73	139	82708	50.098	ng	96
27) 2,4-Dimethylphenol	9.82	122	123153	50.720	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	205175	45.418	ng	98
29) 2,4-Dichlorophenol	10.12	162	134149	44.619	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	161983	43.801	ng	98
31) Naphthalene	10.37	128	465855	47.245	ng	99
32) Benzoic acid	9.95	122	19639	13.980	ng	96
33) 4-Chloroaniline	10.46	127	43091	10.686	ng	99
34) Hexachlorobutadiene	10.59	225	105605	40.941	ng	97
35) Caprolactam	11.05	113	6662	7.447	ng	# 78
36) 4-Chloro-3-methylphenol	11.28	107	151599	43.148	ng	96
37) 2-Methylnaphthalene	11.50	142	328716	48.288	ng	100
38) 1-Methylnaphthalene	11.66	142	307238	48.007	ng	96
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	177931	46.342	ng	98

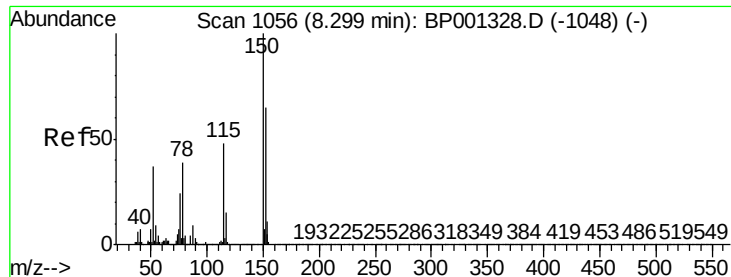
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	202310	106.535	ng	98
43) 2,4,6-Trichlorophenol	11.97	196	112915	47.819	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	117692	48.510	ng	99
46) 1,1'-Biphenyl	12.28	154	405984	46.720	ng	99
47) 2-Chloronaphthalene	12.30	162	323233	46.012	ng	100
48) 2-Nitroaniline	12.47	65	132941	47.259	ng	98
49) Acenaphthylene	12.97	152	502274	48.911	ng	100
50) Dimethylphthalate	12.80	163	409273	48.042	ng	100
51) 2,6-Dinitrotoluene	12.88	165	84788	49.016	ng	99
52) Acenaphthene	13.26	154	294418	47.584	ng	99
53) 3-Nitroaniline	13.14	138	25289	13.621	ng	98
54) 2,4-Dinitrophenol	13.32	184	71933	107.693	ng	93
55) Dibenzofuran	13.55	168	463754	47.838	ng	99
56) 4-Nitrophenol	13.44	139	50352	37.927	ng	97
57) 2,4-Dinitrotoluene	13.54	165	116118	48.297	ng	93
58) Fluorene	14.11	166	373632	48.187	ng	97
59) 2,3,4,6-Tetrachlorophenol	13.68	232	96253	46.210	ng	99
60) Diethylphthalate	13.97	149	400402	45.569	ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	190912	46.839	ng	97
62) 4-Nitroaniline	12.47	138	101990	47.437	ng	97
63) Azobenzene	14.39	77	435618	47.092	ng	99
65) 4,6-Dinitro-2-methylphenol	14.21	198	53246	58.814	ng	94
66) n-Nitrosodiphenylamine	14.33	169	313529	48.924	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	111411	46.616	ng	95
68) Hexachlorobenzene	15.01	284	125971	46.299	ng	94
69) Atrazine	15.22	200	119468	51.899	ng	98
70) Pentachlorophenol	15.32	266	144728	103.727	ng	95
71) Phenanthrene	15.65	178	565667	49.048	ng	100
72) Anthracene	15.72	178	573029	50.191	ng	100
73) Carbazole	15.97	167	504772	49.591	ng	99
74) Di-n-butylphthalate	16.52	149	643057	46.037	ng	99
75) Fluoranthene	17.36	202	626410	48.575	ng	99
77) Benzidine	17.55	184	243395	51.646	ng	99
78) Pyrene	17.66	202	630898	50.200	ng	100
80) Butylbenzylphthalate	18.55	149	276760	47.235	ng	97
81) Benzo(a)anthracene	19.25	228	572122	48.506	ng	99
82) 3,3'-Dichlorobenzidine	19.21	252	124573	30.416	ng	100
83) Chrysene	19.29	228	550608	48.364	ng	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	387774	45.102	ng	98
85) Di-n-octyl phthalate	20.08	149	650927	45.679	ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	564870	45.941	ng	100
88) Benzo(b)fluoranthene	20.55	252	553273	51.245	ng	99
89) Benzo(k)fluoranthene	20.58	252	500683	48.683	ng	99
90) Benzo(a)pyrene	20.96	252	473175	48.110	ng	99
91) Dibenzo(a,h)anthracene	22.70	278	475607	49.458	ng	98
92) Benzo(g,h,i)perylene	23.17	276	471394	51.299	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

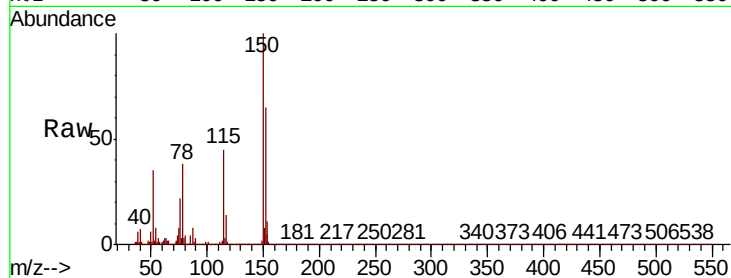
Tot Ion: 152 Resp: 52107

Ion Ratio Lower Upper

152 100

150 153.3 124.0 186.0

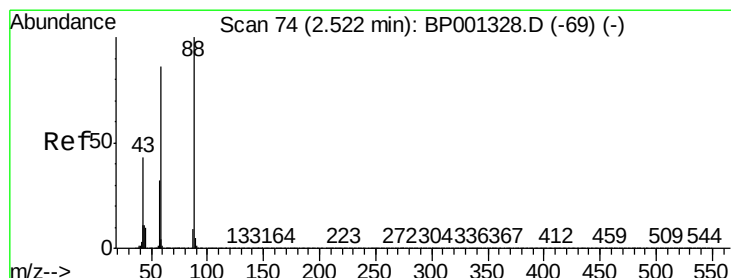
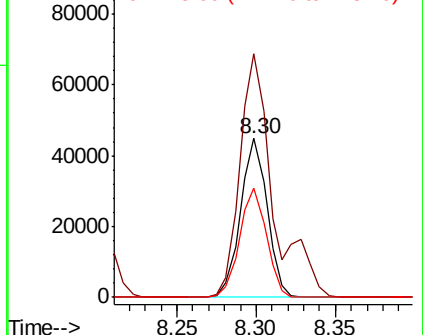
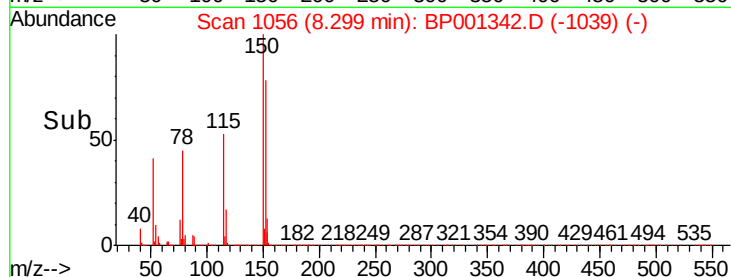
115 68.5 59.3 88.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.572 ng

RT: 2.58 min Scan# 84

Delta R.T. 0.06 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

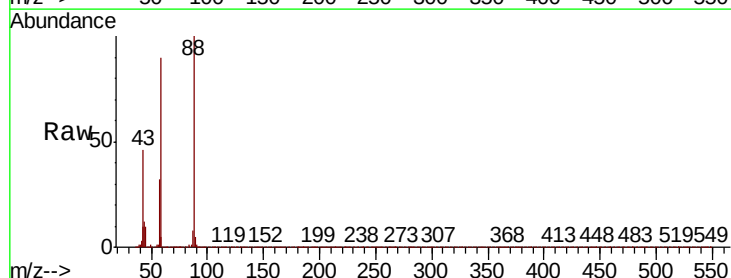
Tgt Ion: 88 Resp: 23315

Ion Ratio Lower Upper

88 100

58 85.2 69.6 104.4

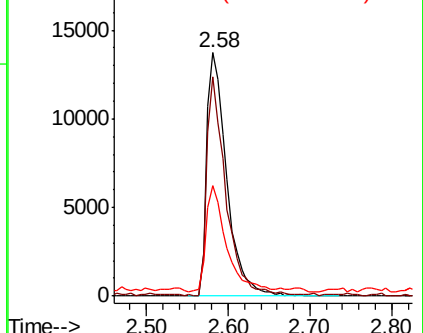
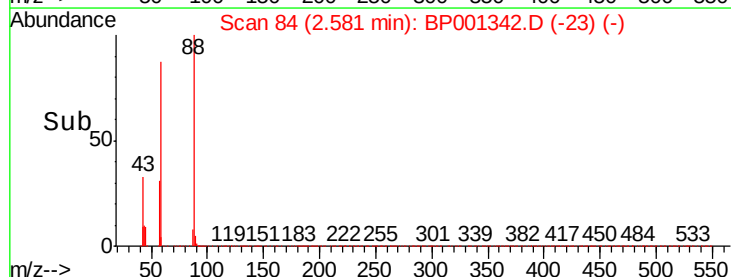
43 44.5 33.7 50.5

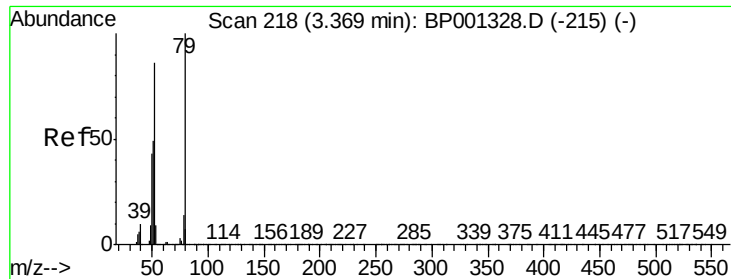


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

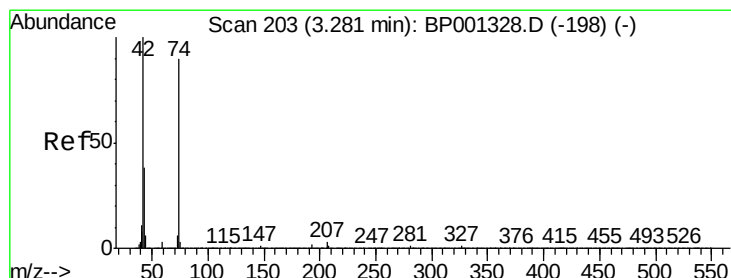
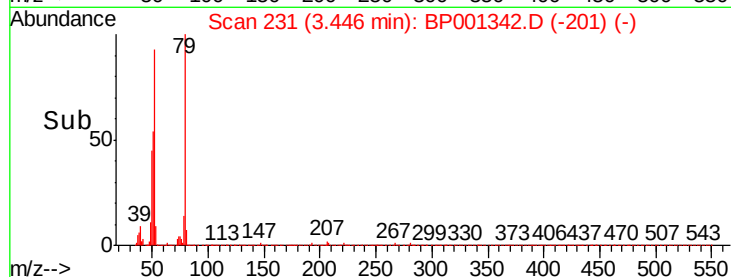
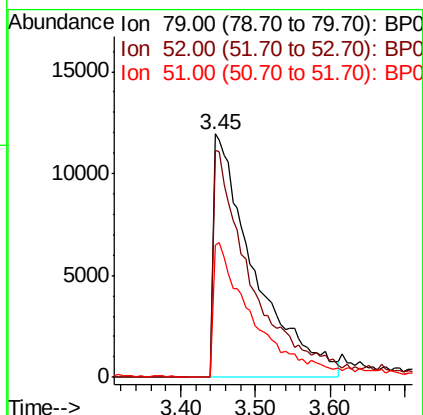
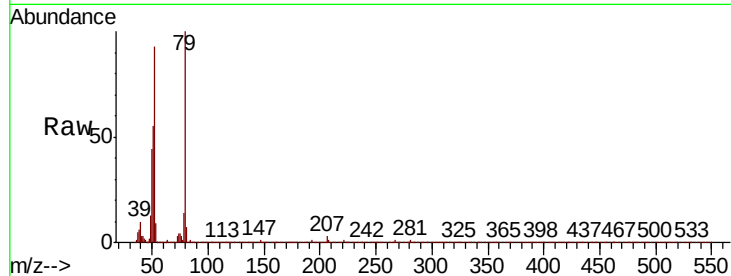




#3
 Pvridine
 Concen: 12.383 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

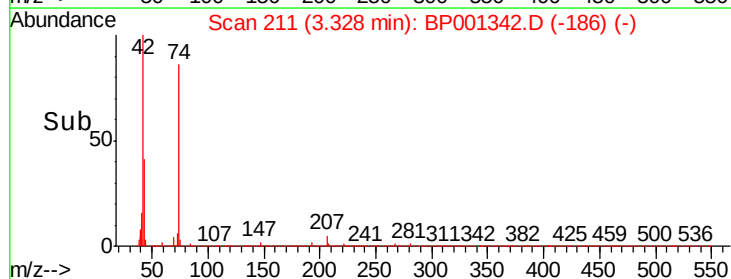
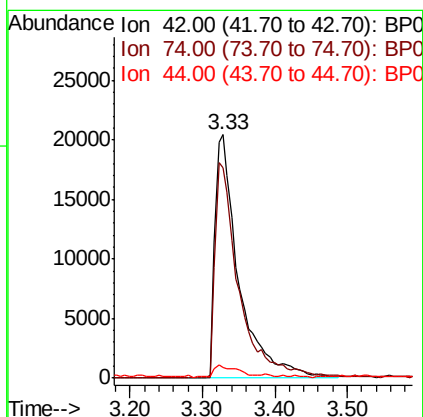
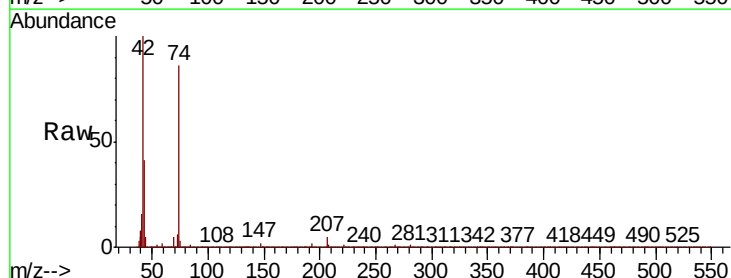
Instrument :
 BNA_P
 ClientSampleId :

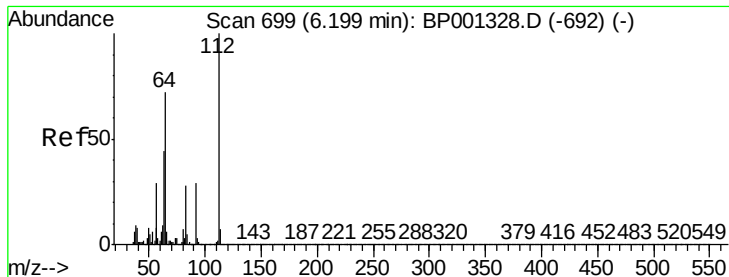
Tot Ion: 79 Resp: 44884
 Ion Ratio Lower Upper
 79 100
 52 93.3 68.5 102.7
 51 54.6 39.5 59.3



#4
 n-Nitrosodimethylamine
 Concen: 20.230 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.05 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

Tgt Ion: 42 Resp: 46430
 Ion Ratio Lower Upper
 42 100
 74 86.3 72.2 108.4
 44 4.6 4.5 6.7





#5

2-Fluorophenol

Concen: 65.785 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

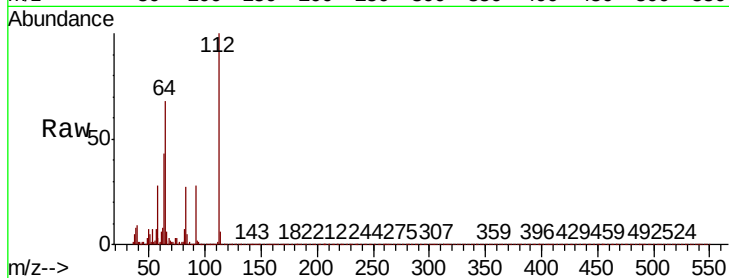
Tot Ion: 112 Resp: 212096

Ion Ratio Lower Upper

112 100

64 67.6 57.6 86.4

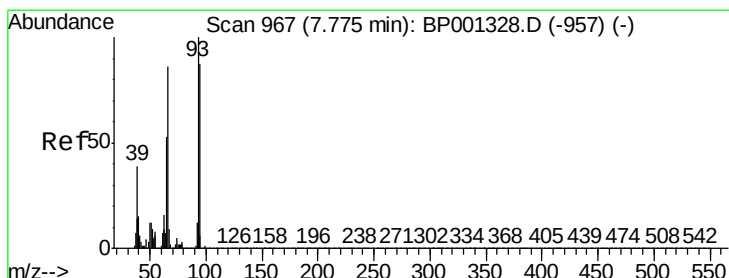
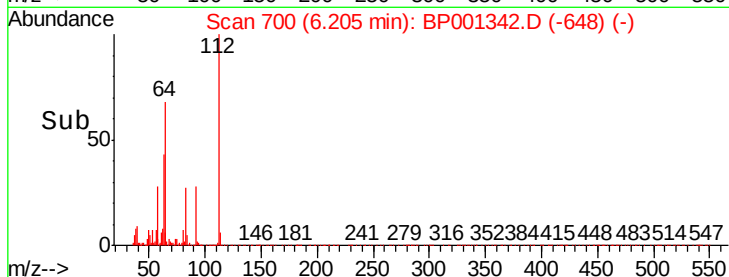
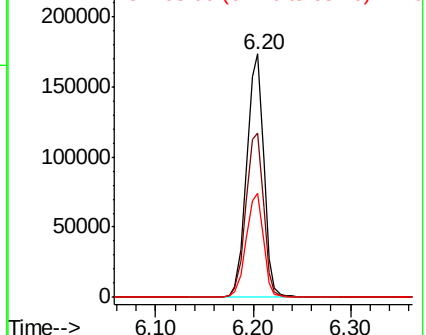
63 42.5 35.1 52.7



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: 14.762 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

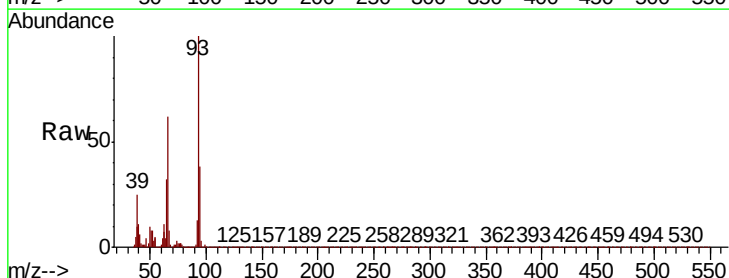
Tgt Ion: 93 Resp: 78178

Ion Ratio Lower Upper

93 100

66 61.7 69.0 103.6#

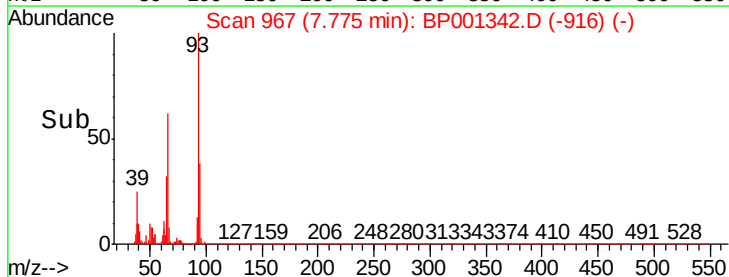
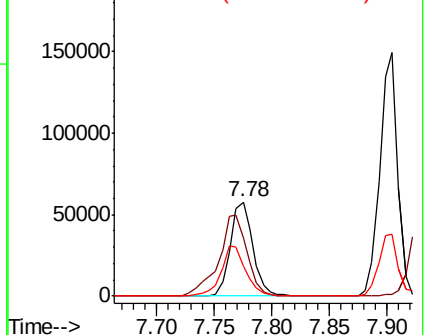
65 31.7 42.2 63.4#

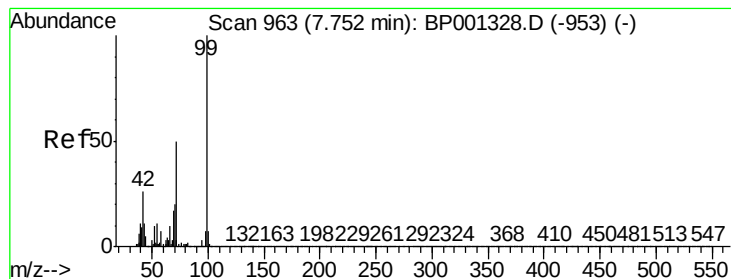


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 41.981 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

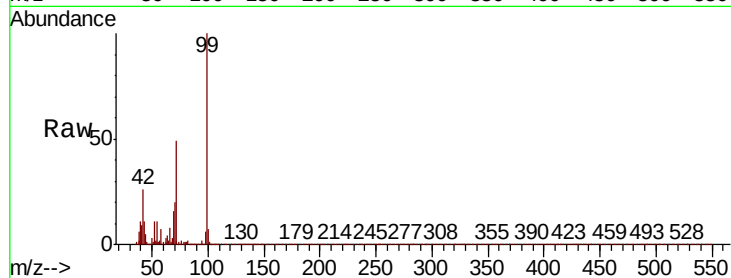
Tot Ion: 99 Resp: 176615

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.9	31.3
71	49.3	40.0	60.0

99 100

42 26.0 20.9 31.3

71 49.3 40.0 60.0



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

200000

150000

100000

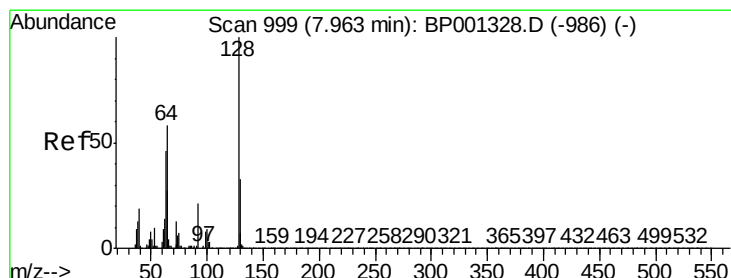
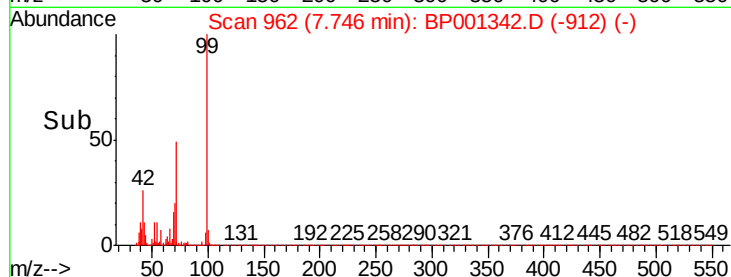
50000

0

7.75

7.65 7.70 7.75 7.80 7.85

Time-->



#8

2-Chlorophenol

Concen: 40.630 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

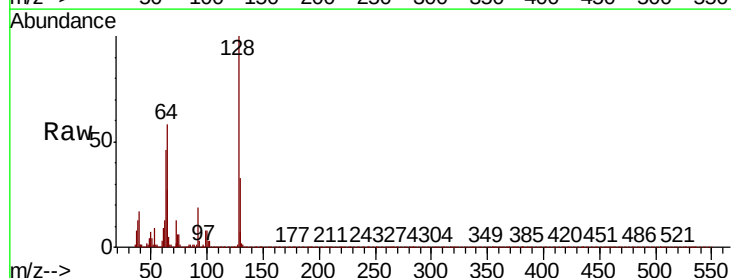
Tgt Ion: 128 Resp: 131693

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.5	53.5
64	57.7	38.2	78.2

128 100

130 32.7 13.5 53.5

64 57.7 38.2 78.2



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

150000

100000

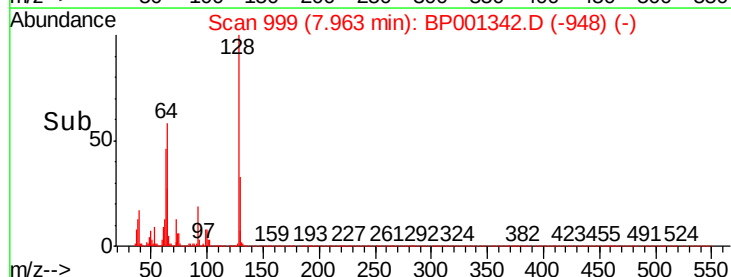
50000

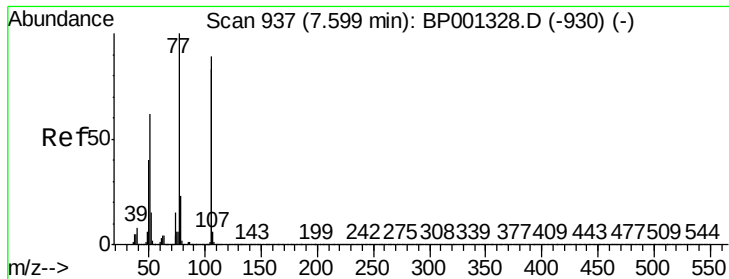
0

7.96

7.85 7.90 7.95 8.00 8.05

Time-->





#9

Benzaldehyde

Concen: 51.448 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

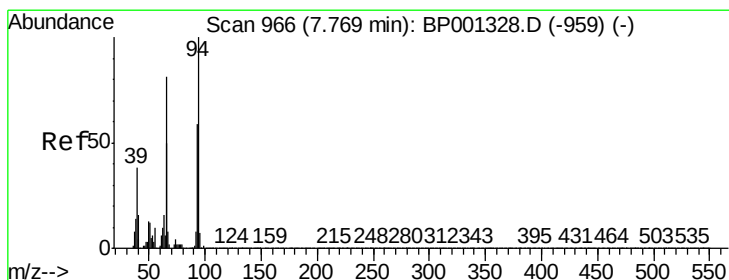
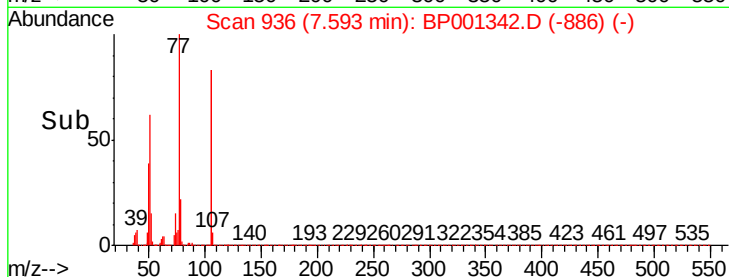
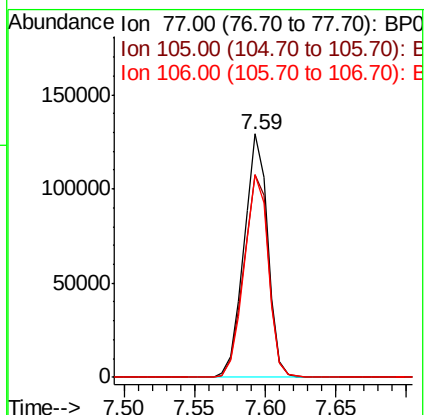
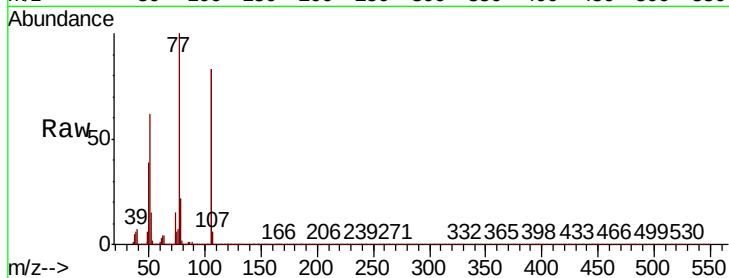
Tot Ion: 77 Resp: 151831

Ion Ratio Lower Upper

77 100

105 83.4 68.6 108.6

106 83.2 62.5 102.5



#10

Phenol

Concen: 15.151 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

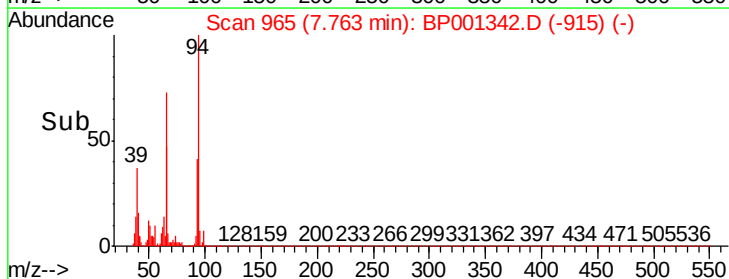
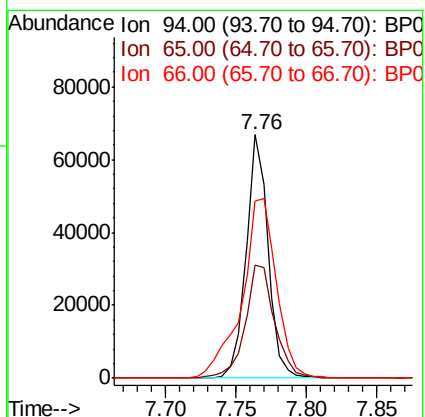
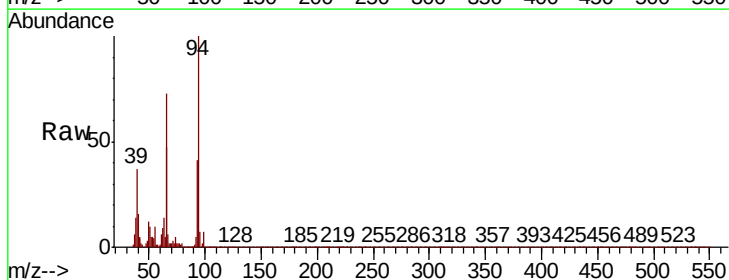
Tgt Ion: 94 Resp: 72830

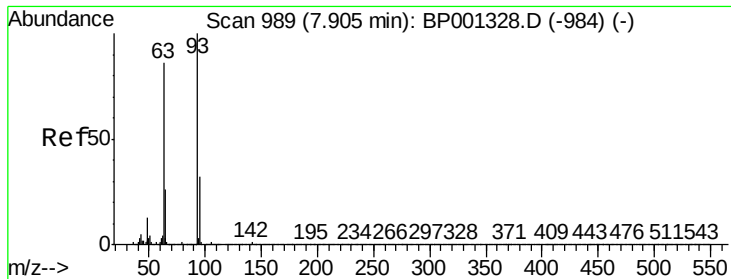
Ion Ratio Lower Upper

94 100

65 46.6 30.4 70.4

66 72.7 62.0 102.0

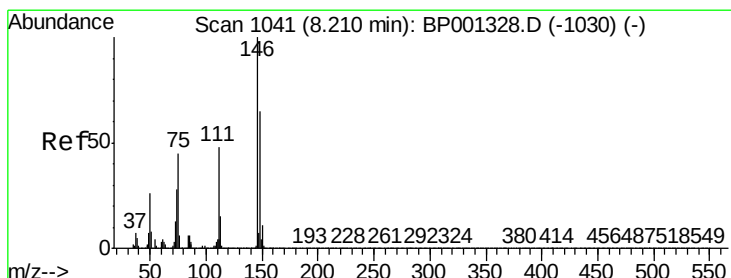
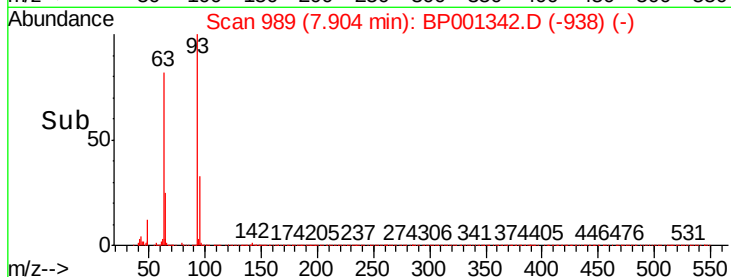
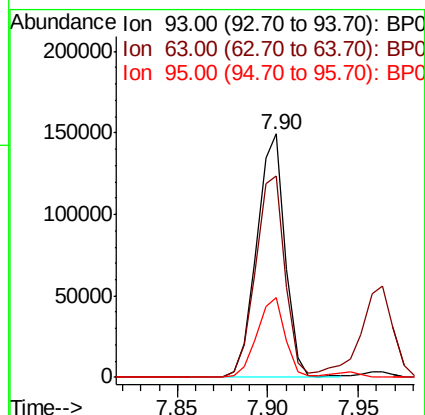
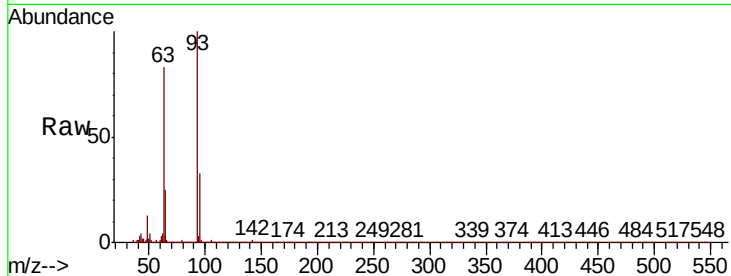




#11
bis(2-Chloroethyl)ether
Concen: 47.685 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

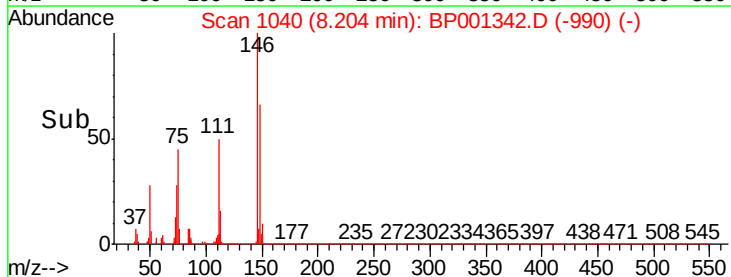
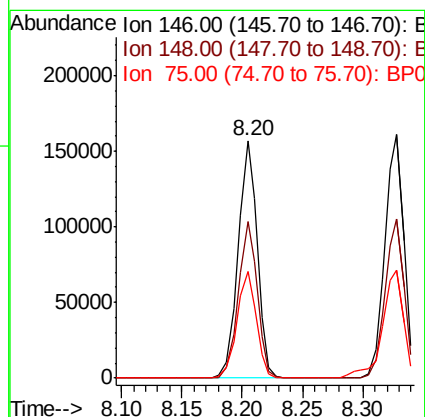
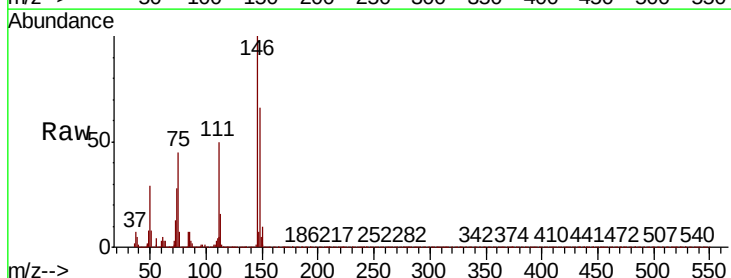
Instrument :
BNA_P
ClientSampleId :

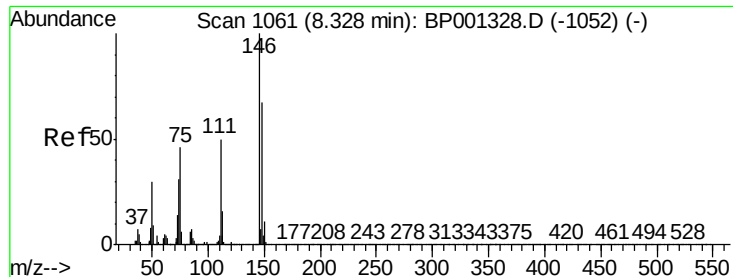
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	66.2	106.2
95	32.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 42.837 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	45.1	36.2	54.4

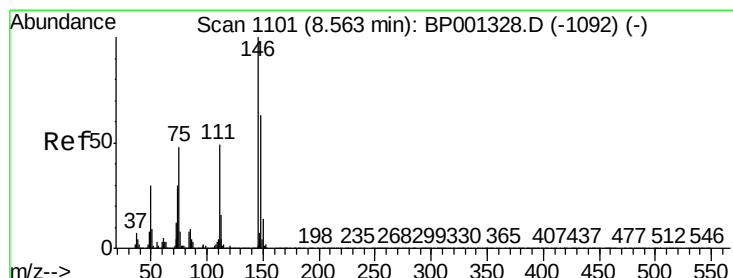
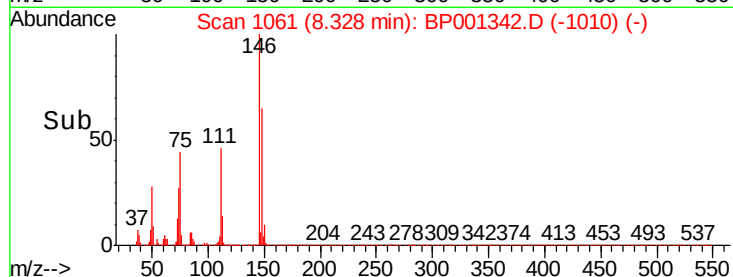
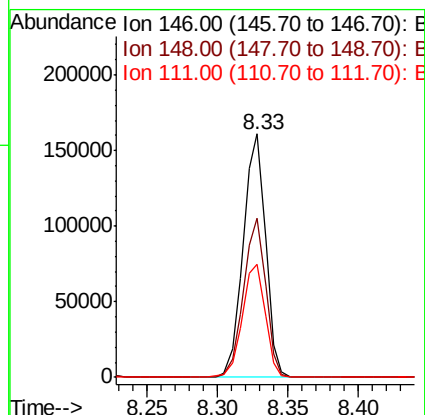
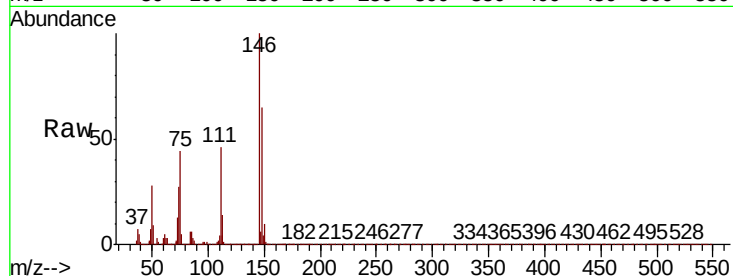




#13
1,4-Dichlorobenzene
Concen: 43.117 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

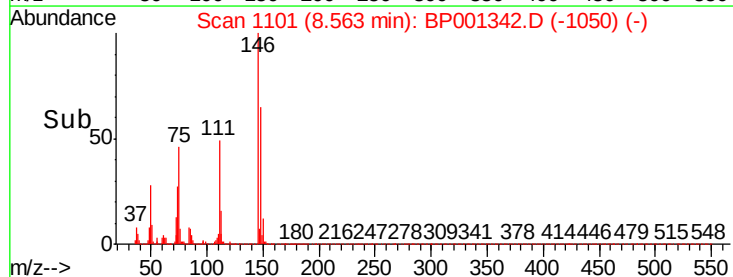
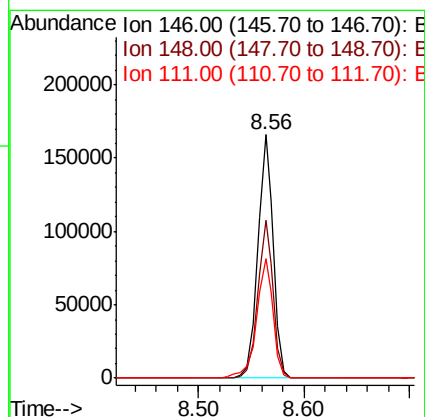
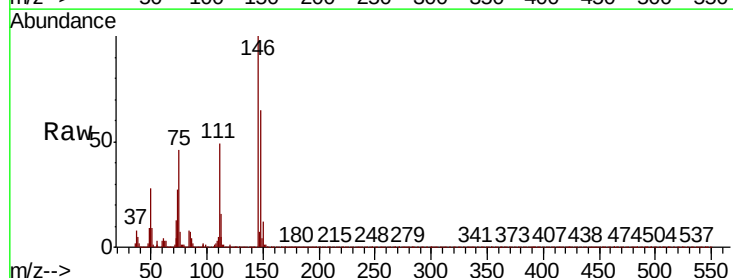
Instrument :
BNA_P
ClientSampleId :

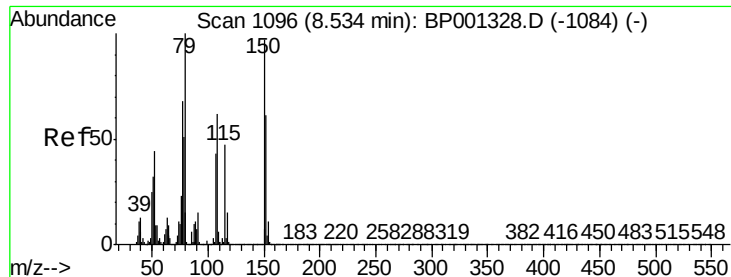
Tot Ion:146 Resp: 177352
Ion Ratio Lower Upper
146 100
148 65.4 53.3 79.9
111 46.4 40.2 60.4



#14
1,2-Dichlorobenzene
Concen: 43.529 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:146 Resp: 170572
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 49.1 39.4 59.2

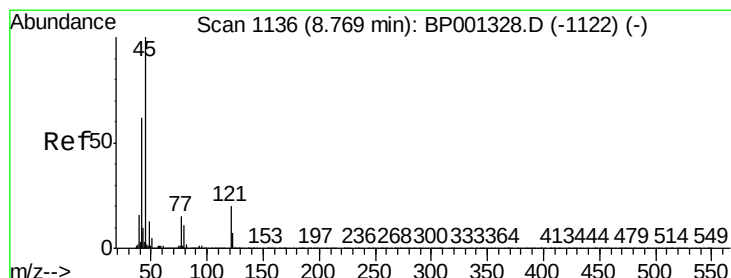
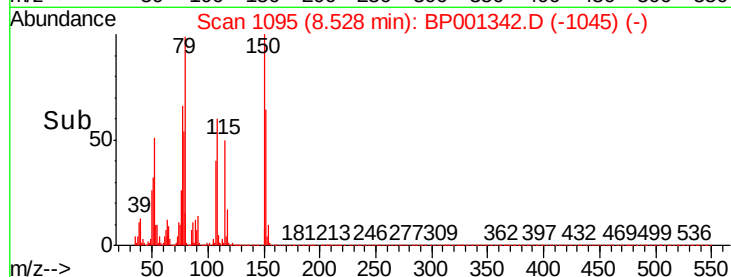
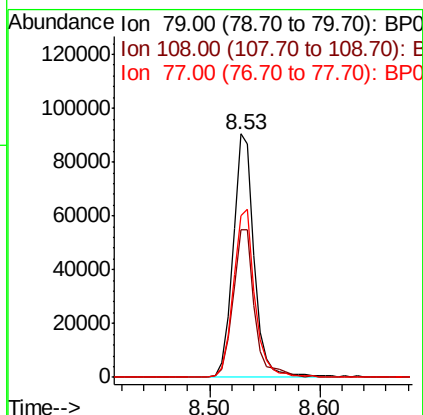
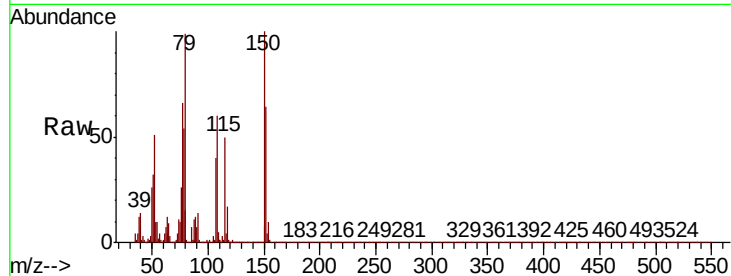




#15
Benzyl Alcohol
Concen: 30.608 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

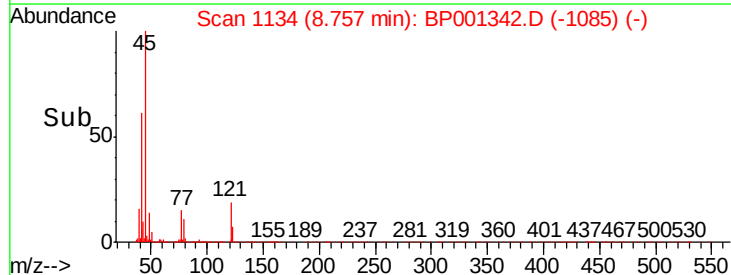
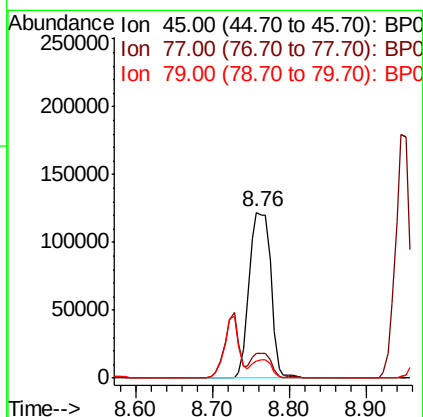
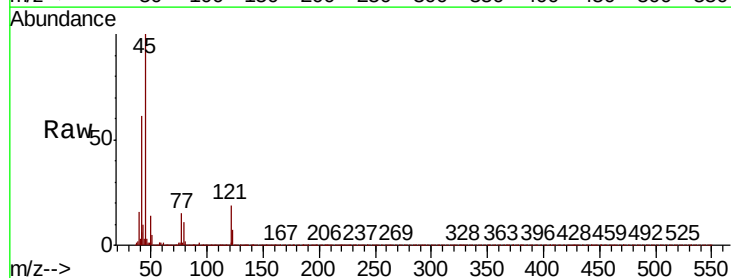
Instrument :
BNA_P
ClientSampled :

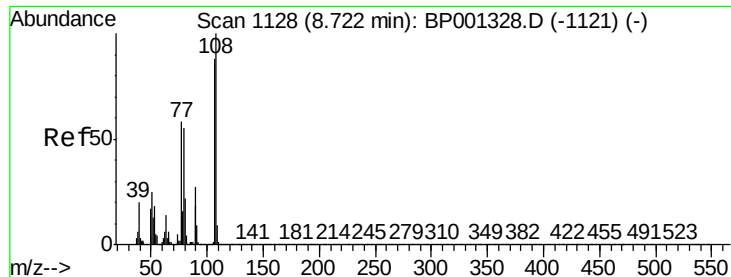
Tot Ion	Ratio	Lower	Upper
79	100		
108	60.7	49.3	73.9
77	66.4	54.4	81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.870 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.8
79	10.6	0.0	31.2

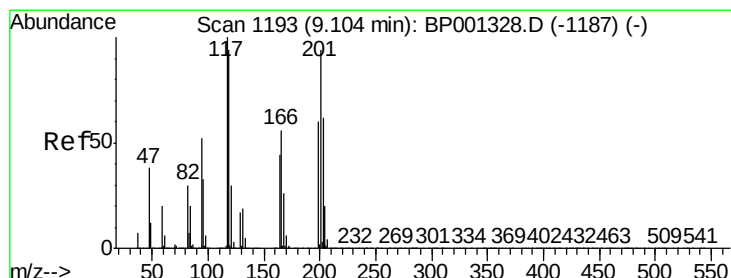
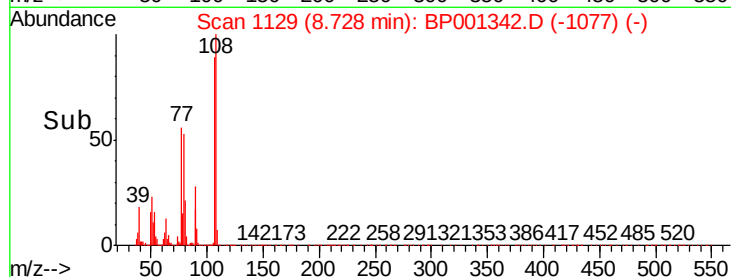
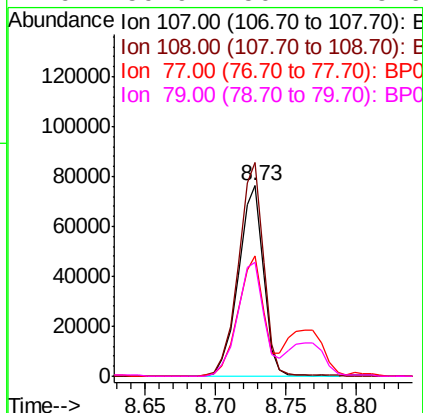
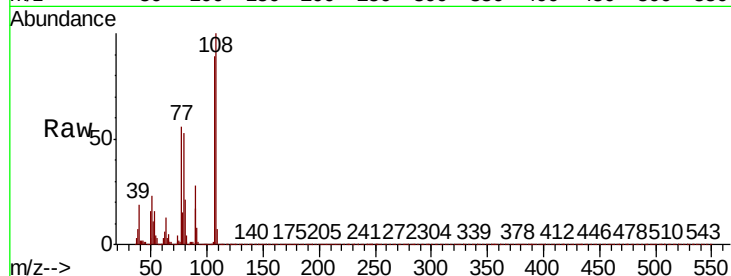




#17
2-Methylphenol
Concen: 33.124 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

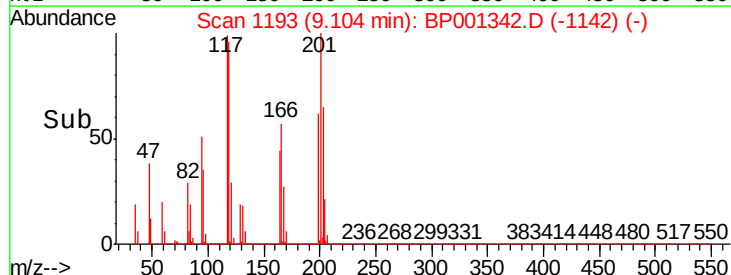
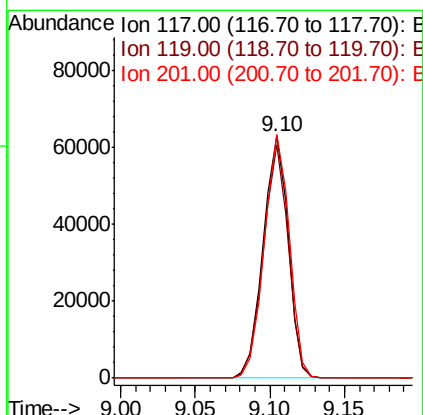
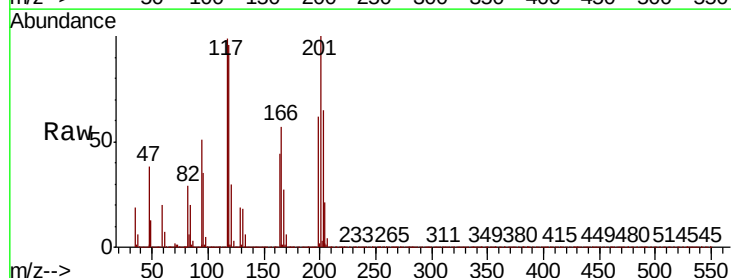
Instrument :
BNA_P
ClientSampleId :

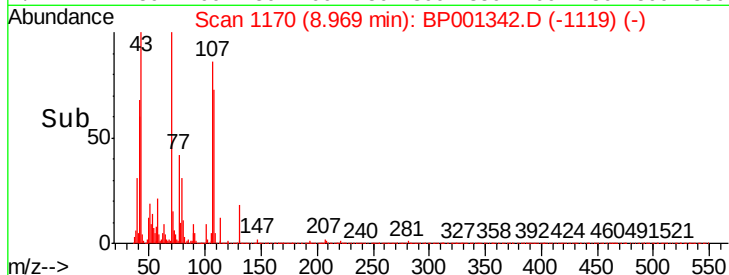
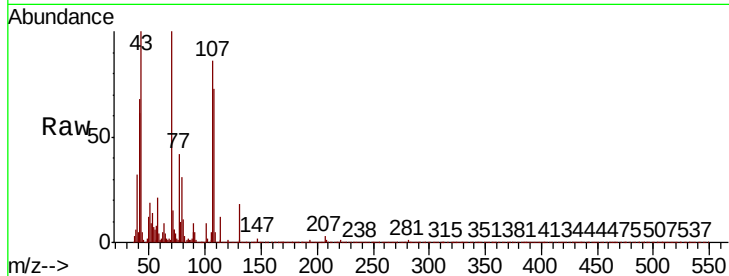
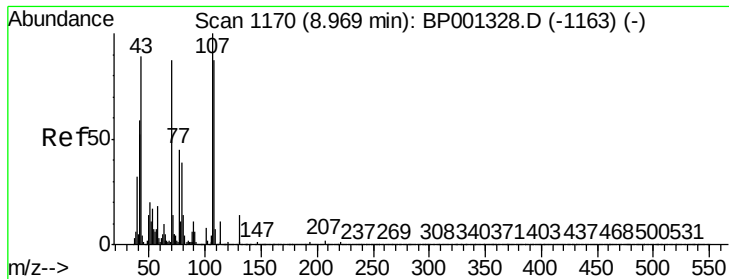
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.7	136.1
77	63.2	52.7	79.1
79	59.9	50.4	75.6



#18
Hexachloroethane
Concen: 41.593 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.4
201	100.5	75.6	113.4

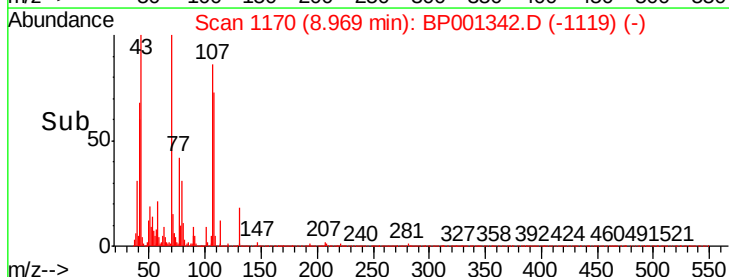
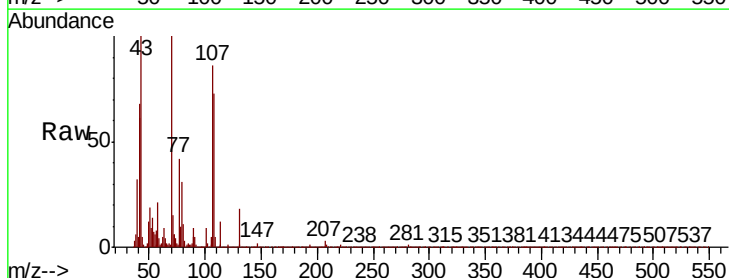
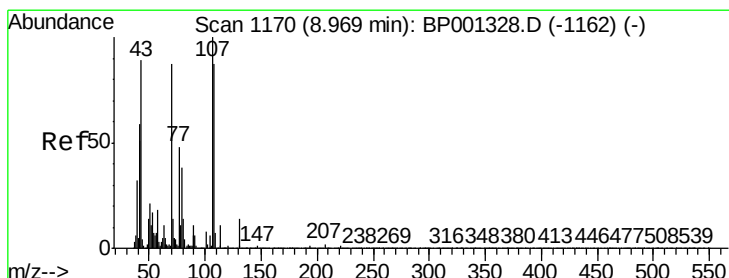
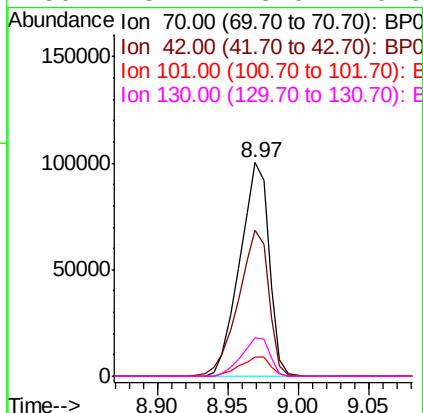




#19
n-Nitroso-di-n-propylamine
Concen: 48.659 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

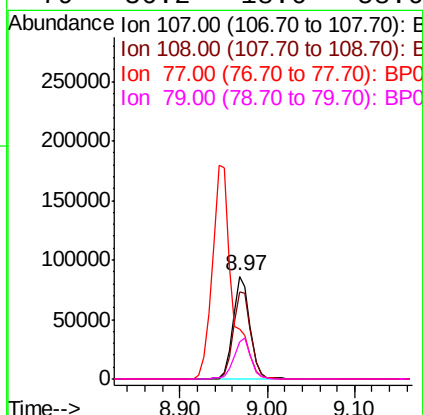
Instrument :
BNA_P
ClientSampleId :

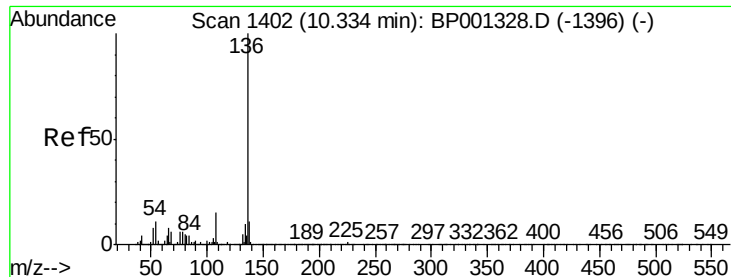
Tot Ion:	70	Resp:	145322
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.1	81.1
101	8.9	7.0	10.4
130	18.1	13.0	19.6



#20
3+4-Methylphenols
Concen: 29.804 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:	107	Resp:	113280
Ion	Ratio	Lower	Upper
107	100		
108	85.1	67.2	107.2
77	48.9	28.0	68.0
79	36.2	18.6	58.6

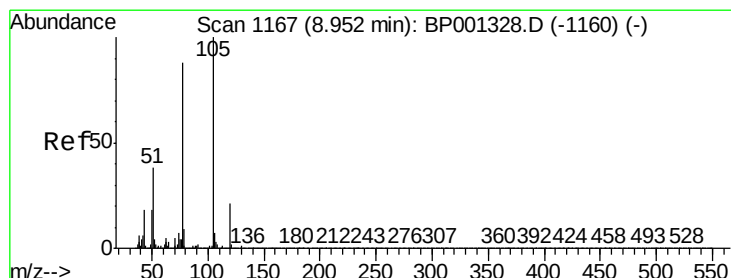
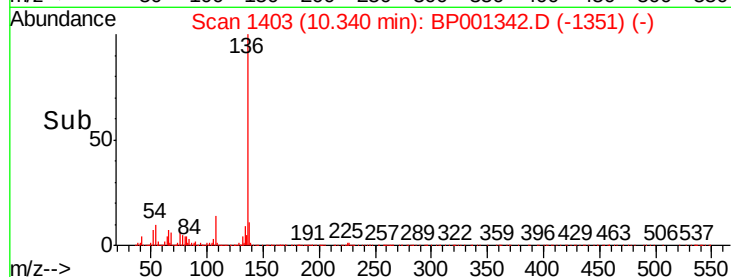
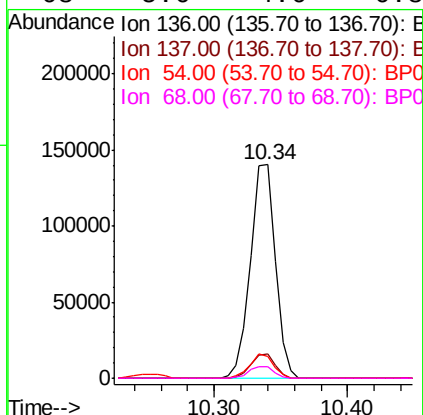
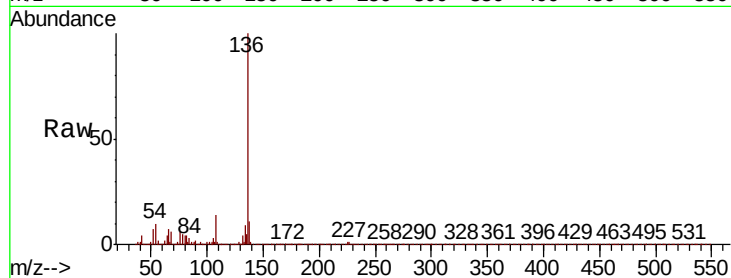




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

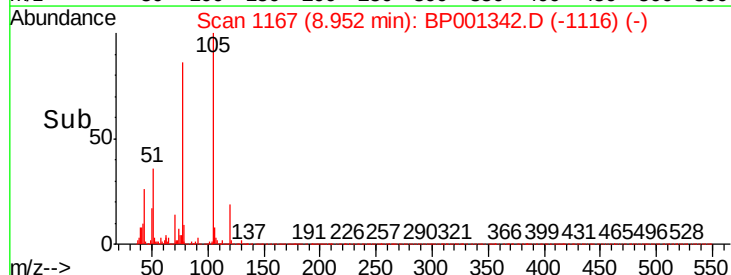
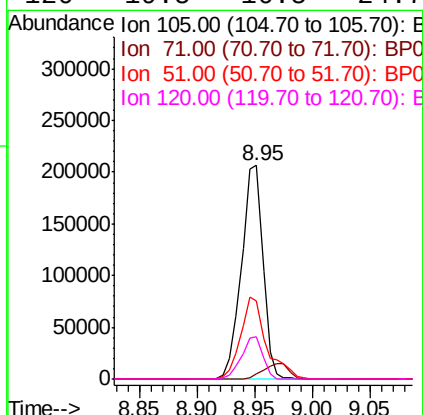
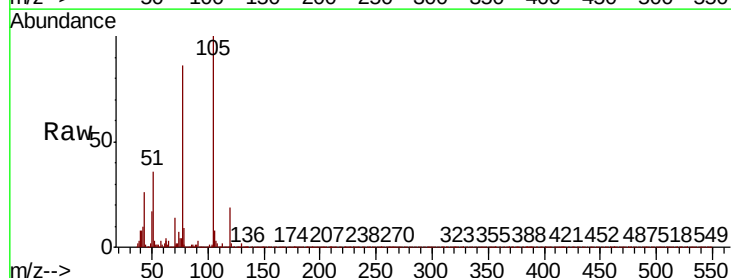
Instrument :
BNA_P
ClientSampleId :

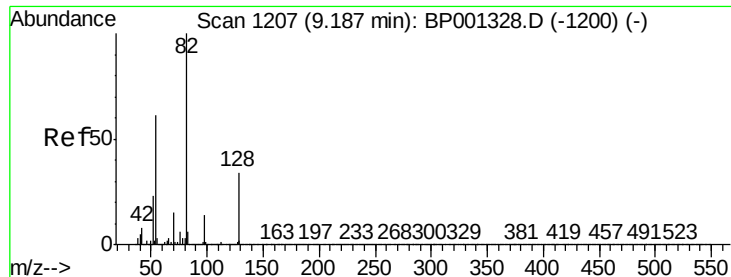
Tot Ion:136	Resp:	180638
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	10.2	8.8 13.2
68	5.6	4.6 6.8



#22
Acetophenone
Concen: 46.973 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:105	Resp:	268323
Ion Ratio	Lower	Upper
105	100	
71	2.4	0.8 1.2#
51	36.3	30.6 45.8
120	19.5	16.5 24.7

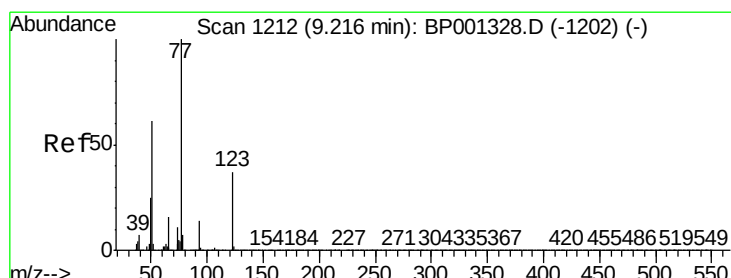
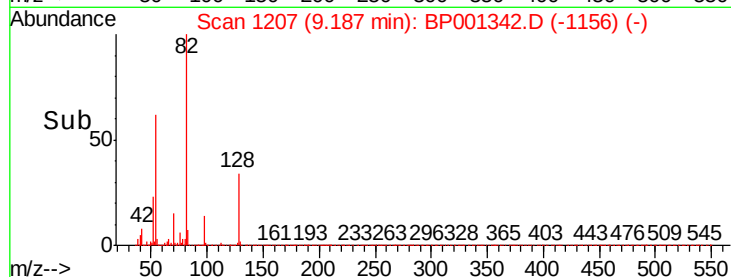
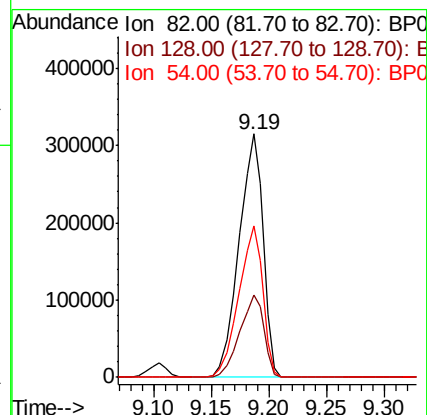
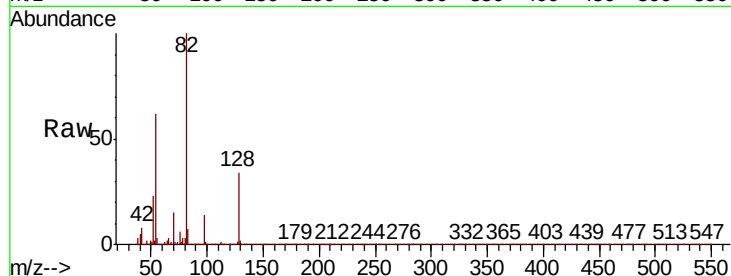




#23
 Nitrobenzene-d5
 Concen: 96.430 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

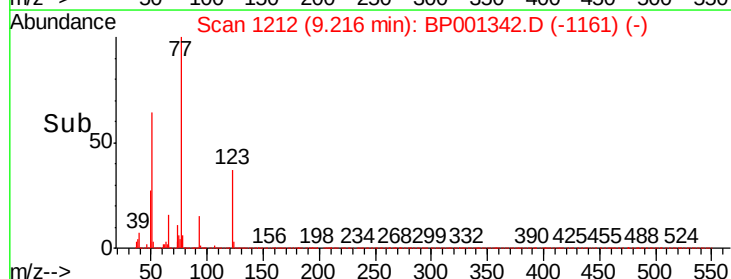
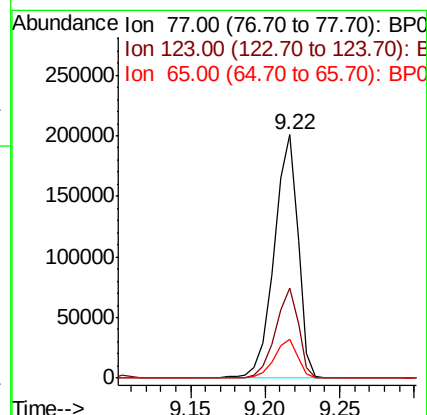
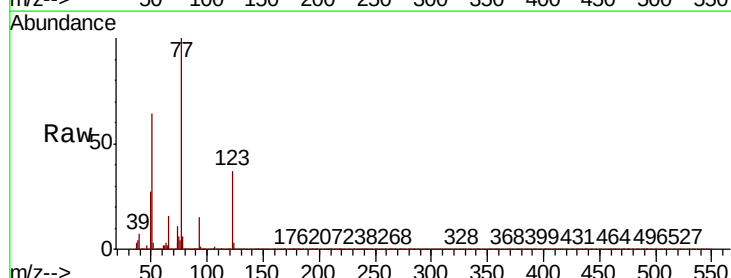
Instrument :
 BNA_P
 ClientSampleId :

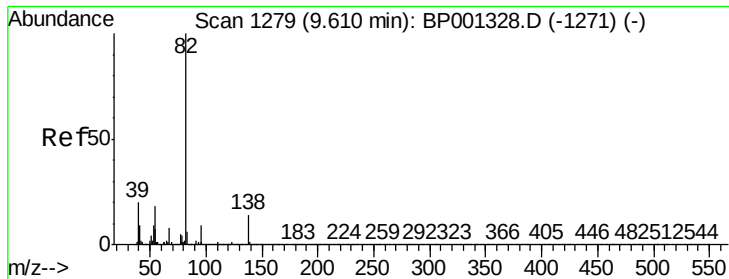
Tot Ion	82	Resp	453602
Ion Ratio	100	Lower	Upper
128	34.0	27.0	40.4
54	62.3	49.0	73.4



#24
 Nitrobenzene
 Concen: 48.156 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

Tgt Ion	77	Resp	222953
Ion Ratio	100	Lower	Upper
123	36.8	29.4	44.0
65	15.7	12.4	18.6





#25

Isophorone

Concen: 49.838 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

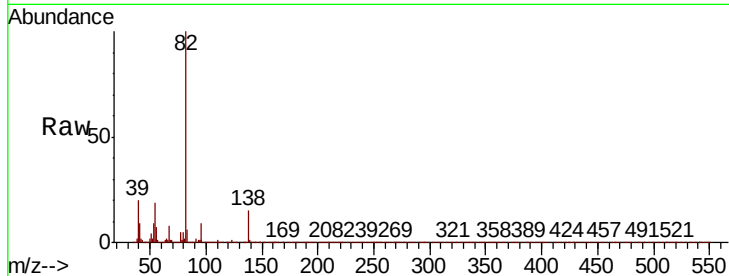
Tot Ion: 82 Resp: 376957

Ion Ratio Lower Upper

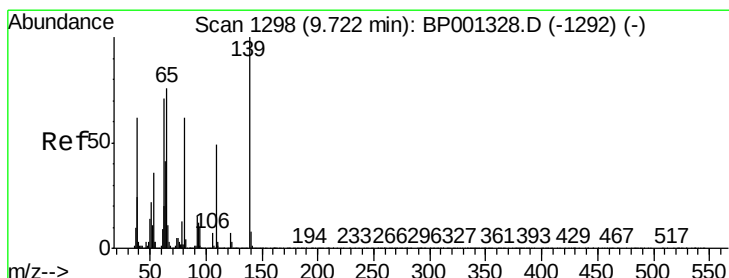
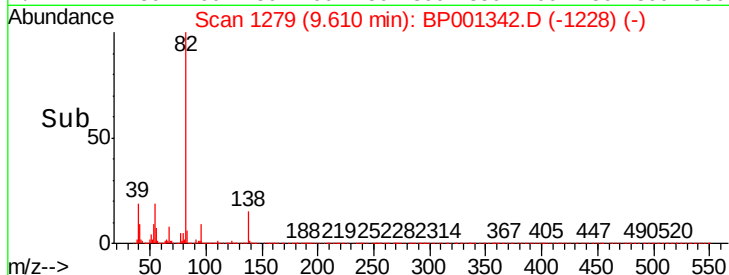
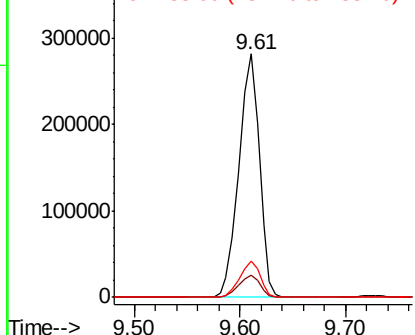
82 100

95 9.2 7.3 10.9

138 15.1 11.5 17.3



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 50.098 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

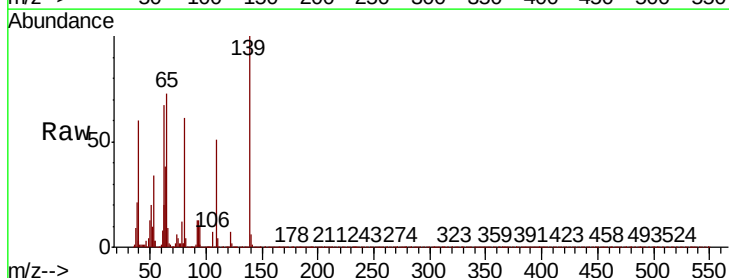
Tgt Ion: 139 Resp: 82708

Ion Ratio Lower Upper

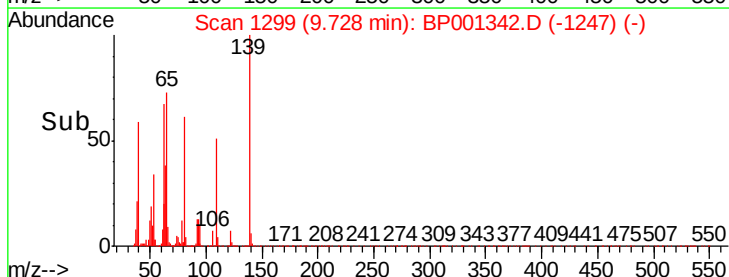
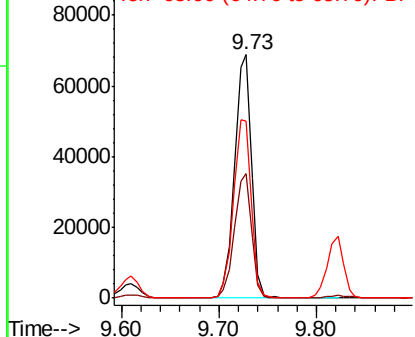
139 100

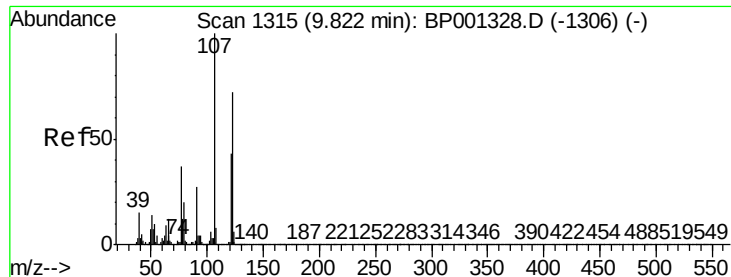
109 51.0 39.1 58.7

65 73.0 61.2 91.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

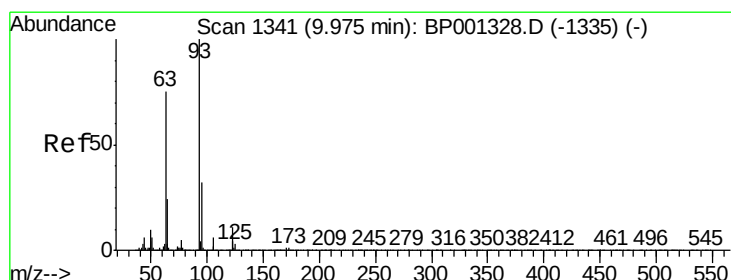
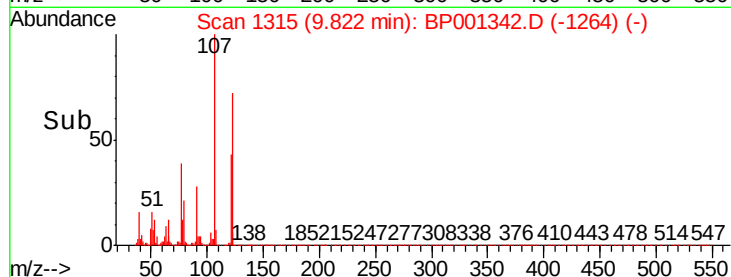
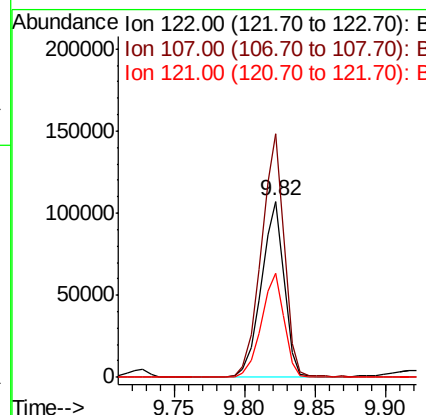
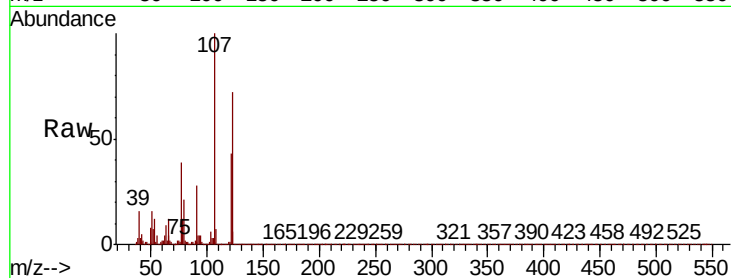




#27
2,4-Dimethylphenol
Concen: 50.720 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

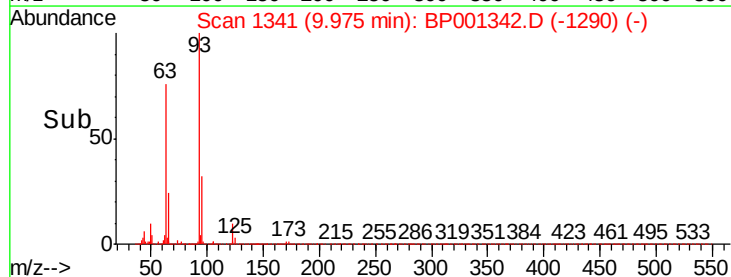
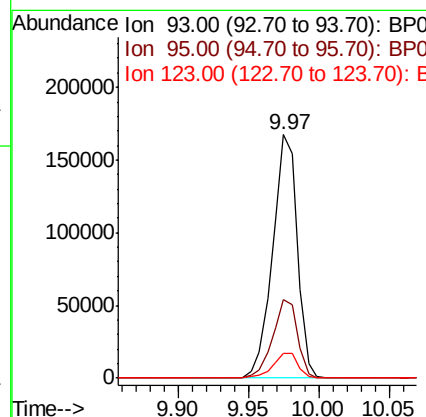
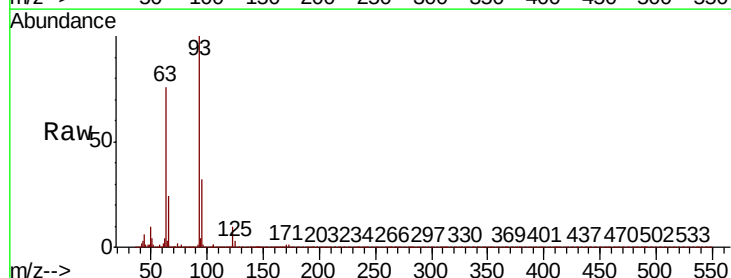
Instrument :
BNA_P
ClientSampleId :

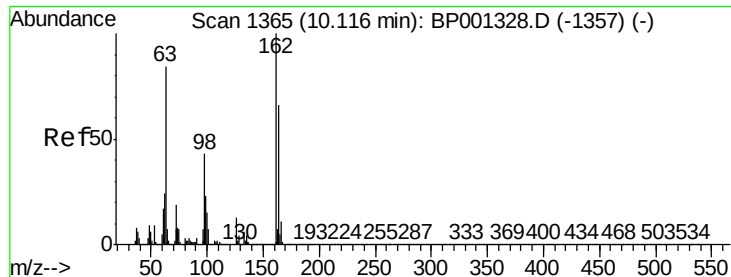
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.1	111.9	167.9
121	59.2	47.9	71.9



#28
bis(2-Chloroethoxy)methane
Concen: 45.418 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	10.1	8.8	13.2

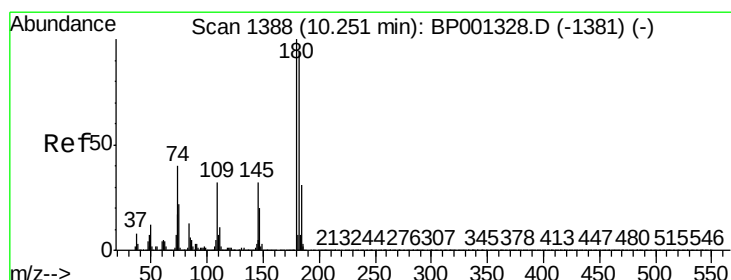
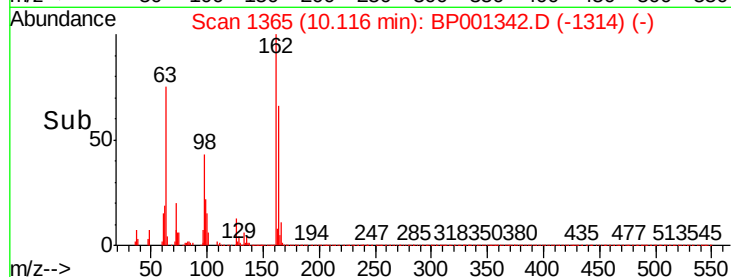
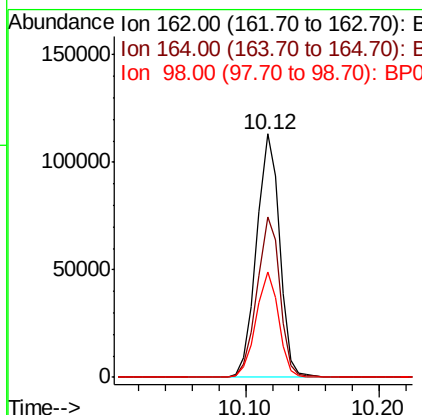
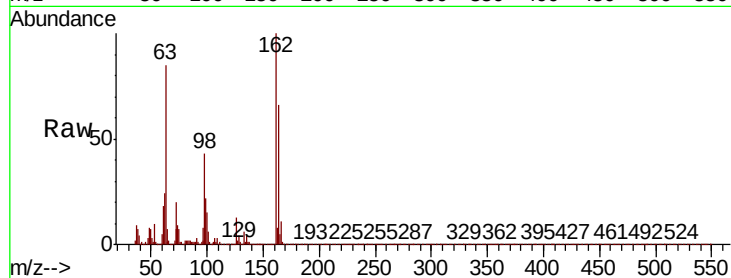




#29
2,4-Dichlorophenol
Concen: 44.619 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

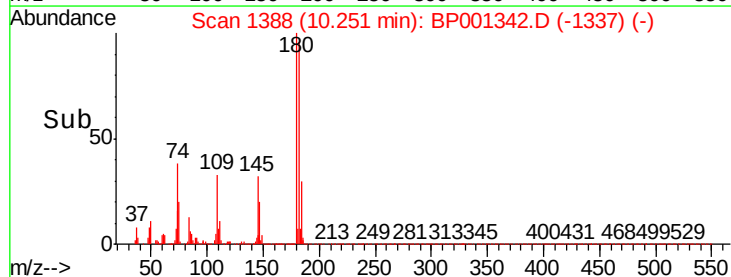
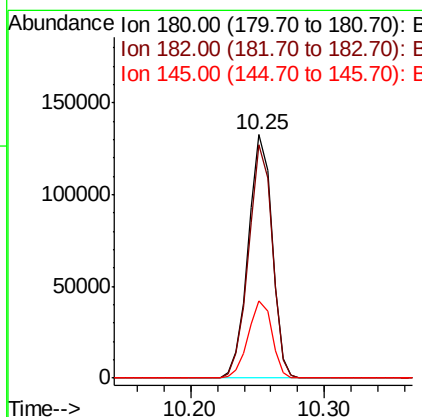
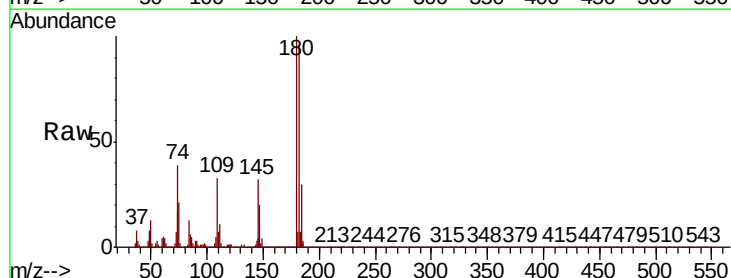
Instrument :
BNA_P
ClientSampleId :

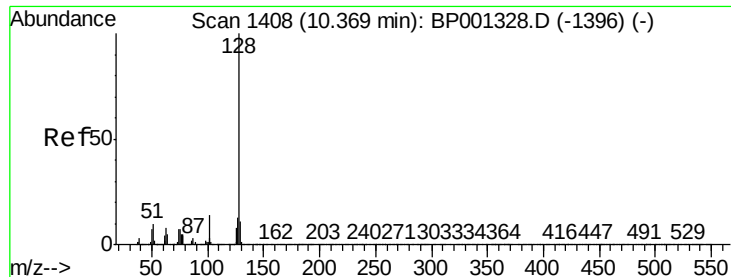
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.9	85.9
98	43.4	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 43.801 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.6
145	31.8	25.8	38.8

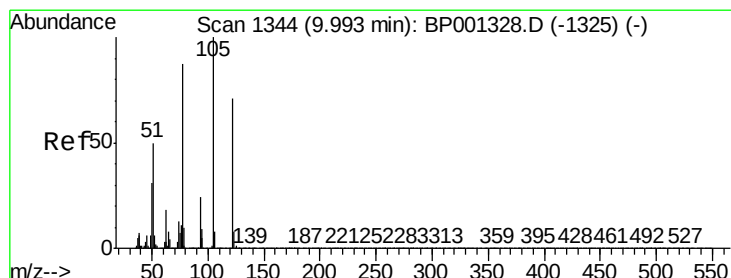
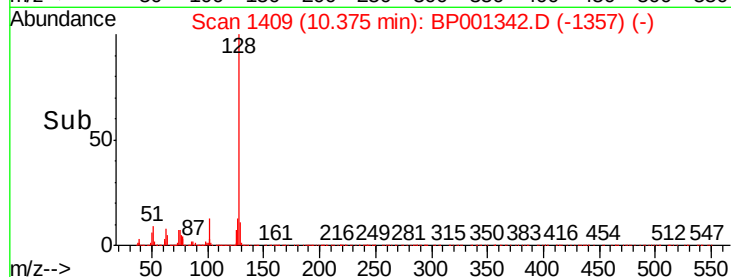
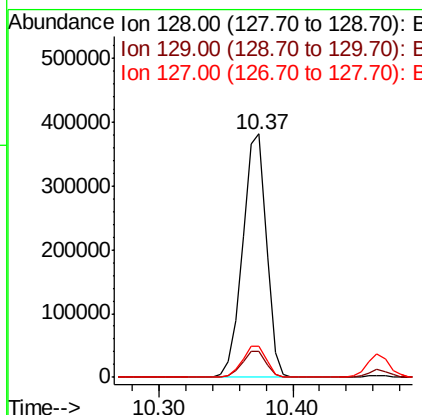
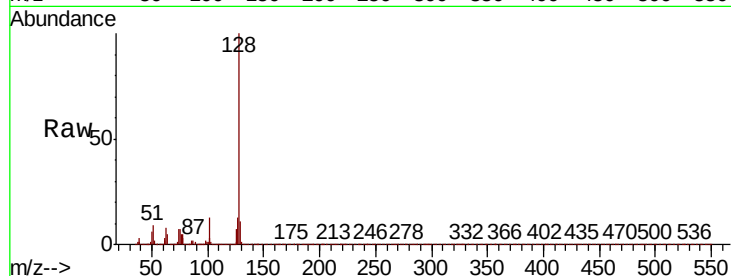




#31
Naphthalene
Concen: 47.245 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

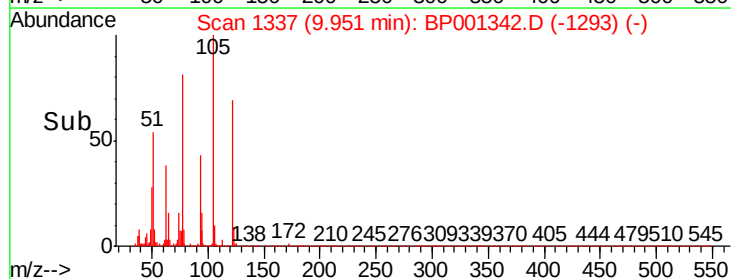
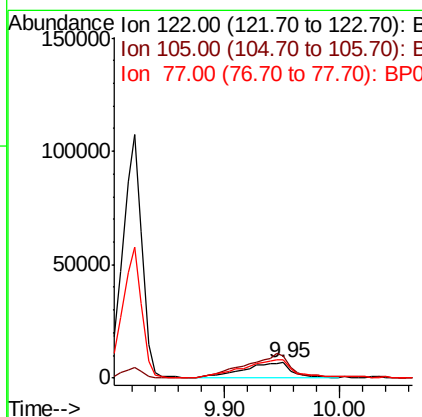
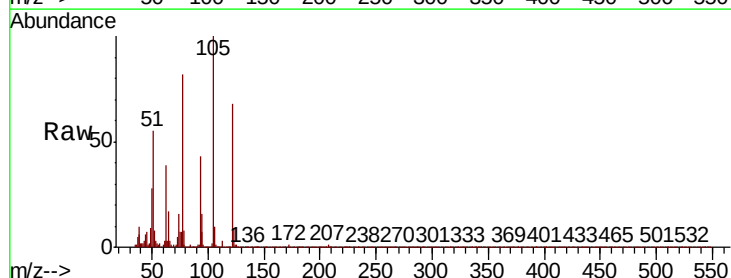
Instrument :
BNA_P
ClientSampleId :

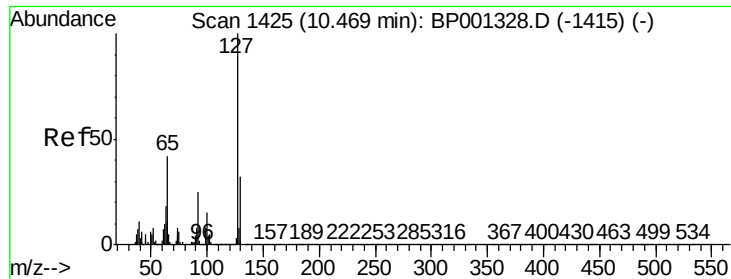
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.7	16.1



#32
Benzoic acid
Concen: 13.980 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.04 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.0	118.5	158.5
77	119.6	101.3	141.3

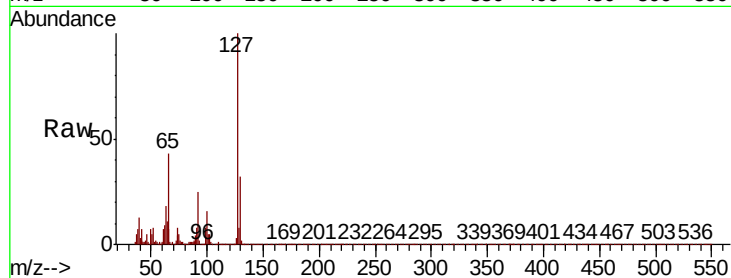




#33
4-Chloroaniline
Concen: 10.686 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	43091
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.2	37.8
65	43.4	33.6	50.4
92	25.2	19.8	29.6



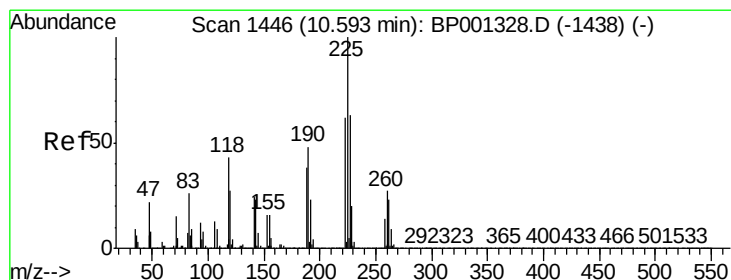
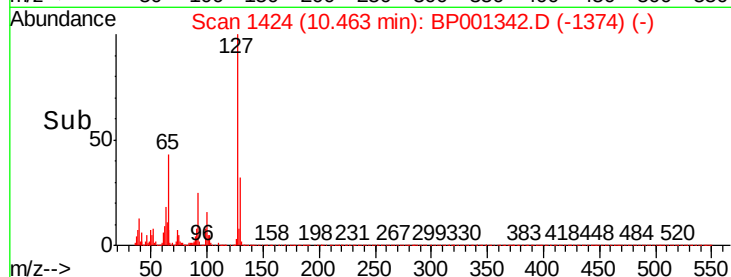
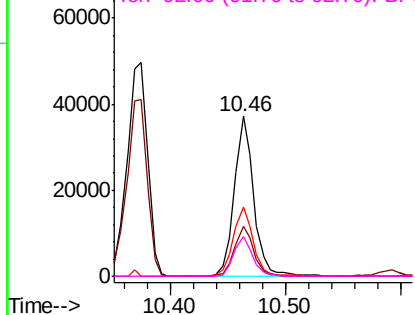
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

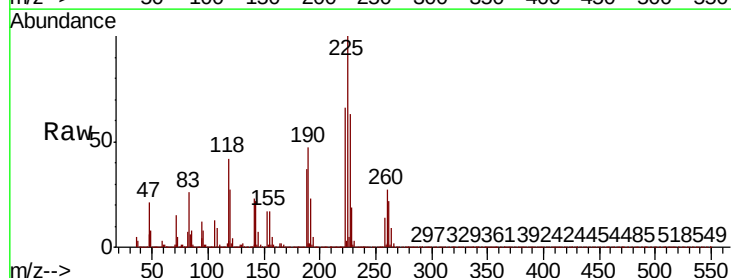
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 40.941 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:	225	Resp:	105605
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.2	73.8
227	62.5	50.3	75.5

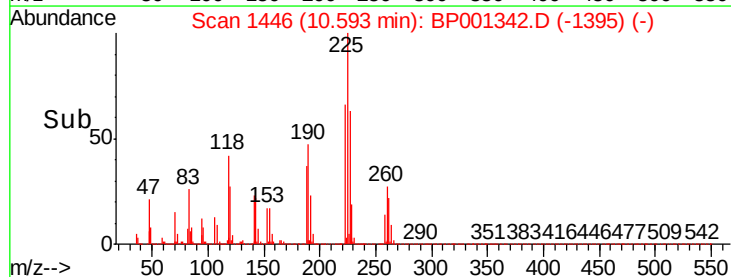
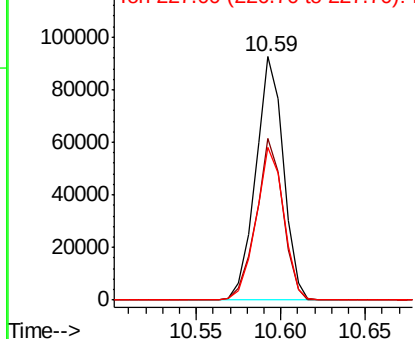


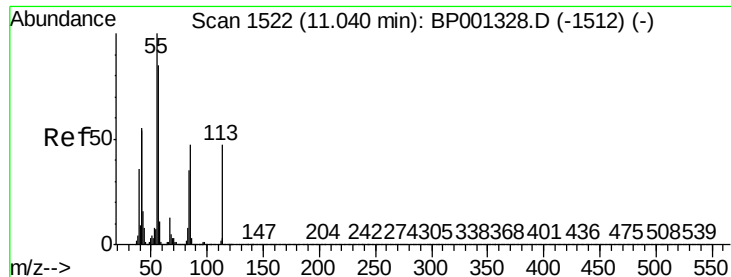
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

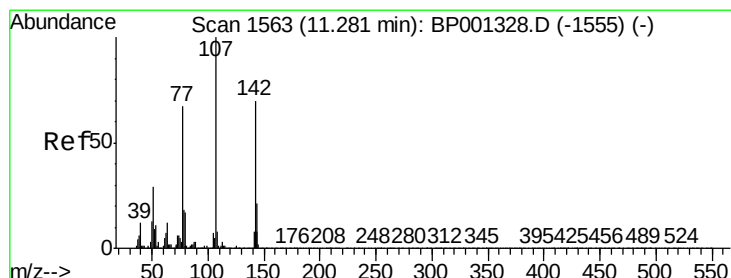
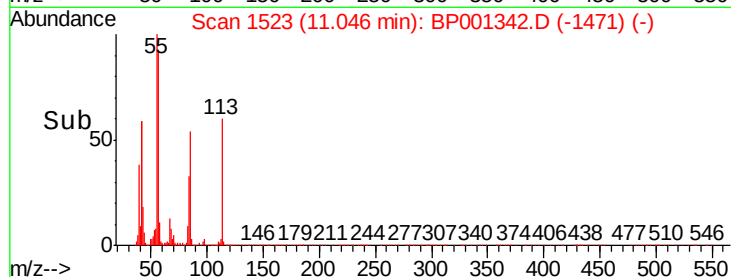
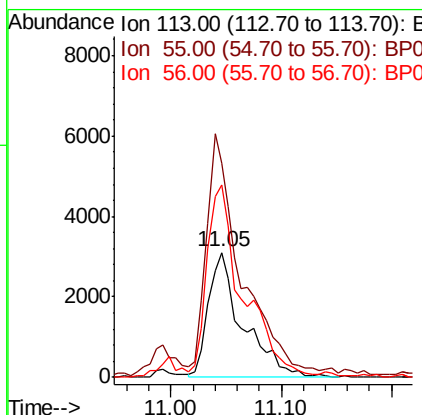
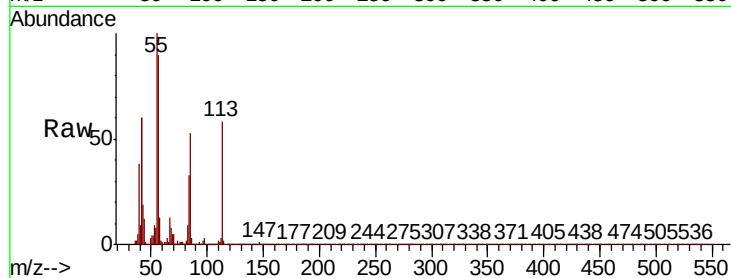




#35
Caprolactam
Concen: 7.447 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

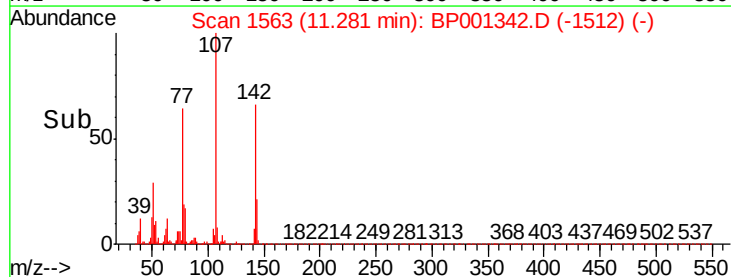
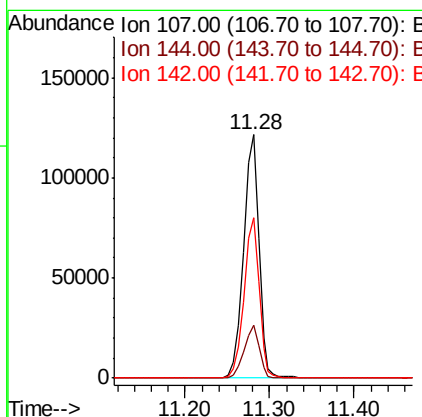
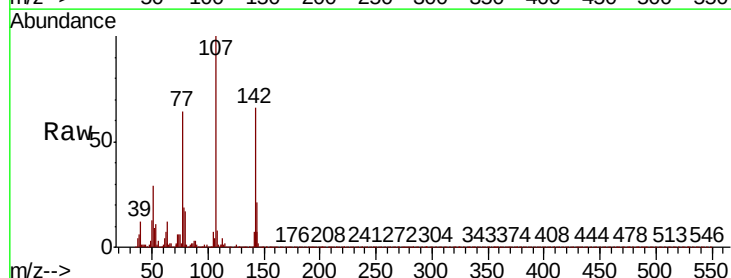
Instrument :
BNA_P
ClientSampleId :

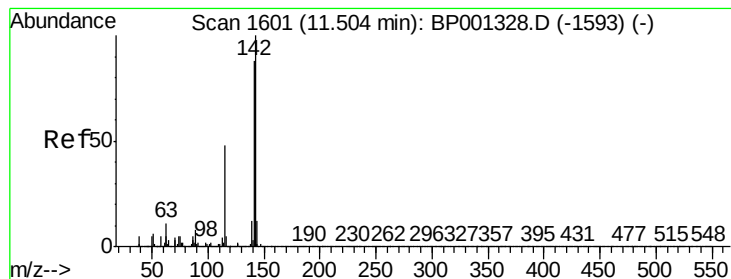
Tot Ion:113 Resp: 6662
Ion Ratio Lower Upper
113 100
55 171.6 191.5 231.5#
56 154.2 160.5 200.5#



#36
4-Chloro-3-methylphenol
Concen: 43.148 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:107 Resp: 151599
Ion Ratio Lower Upper
107 100
144 21.5 16.9 25.3
142 65.9 55.9 83.9





#37

2-Methylnaphthalene

Concen: 48.288 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

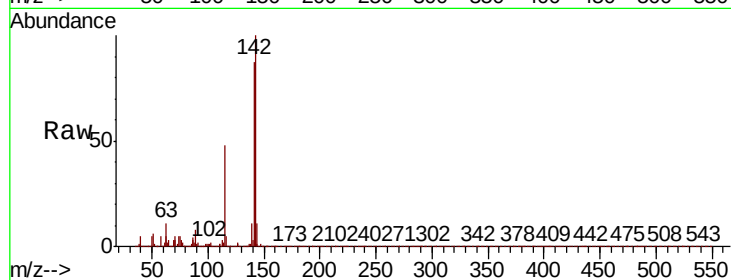
Instrument :

BNA_P

ClientSampleId :

Tot Ion:142 Resp: 328716

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.2	105.4
115	48.5	38.7	58.1

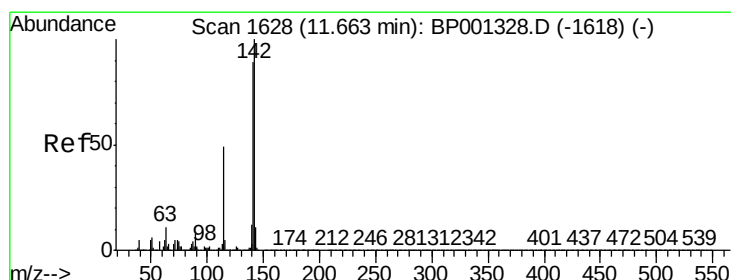
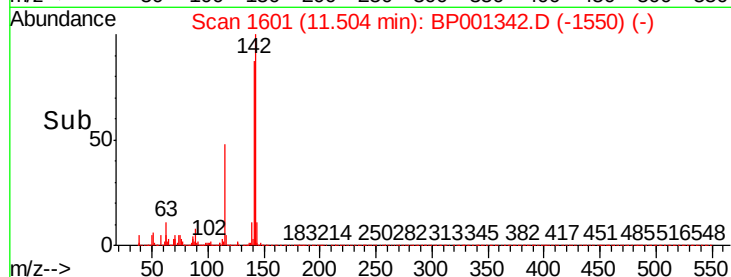
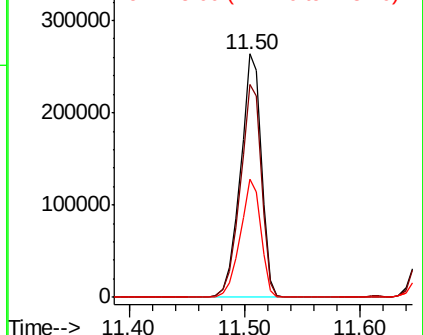


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.007 ng

RT: 11.66 min Scan# 1628

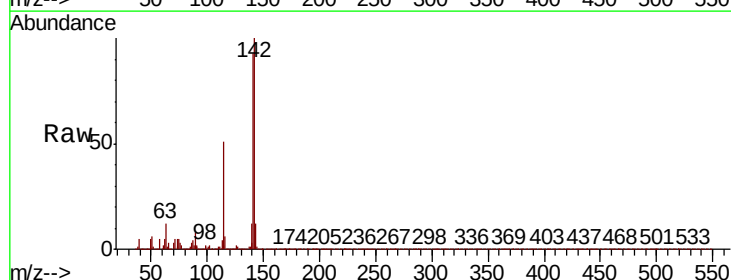
Delta R.T. -0.00 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Tgt Ion:142 Resp: 307238

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.3	106.9
116	5.5	4.2	6.2

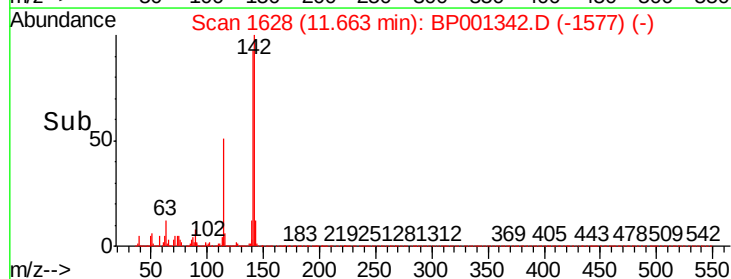
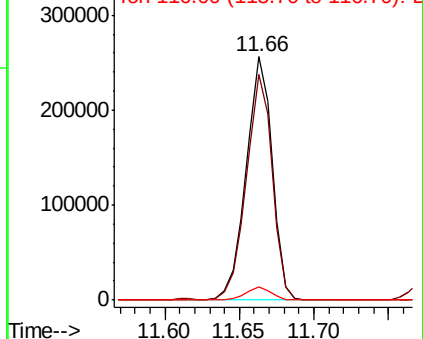


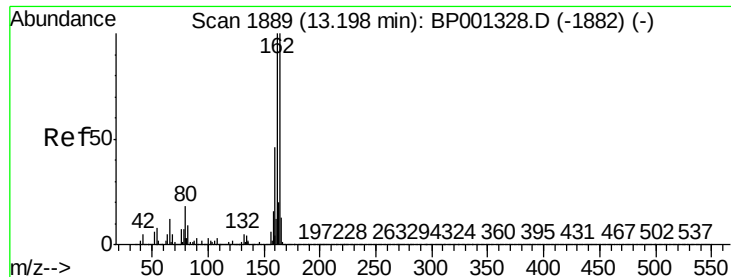
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampled :

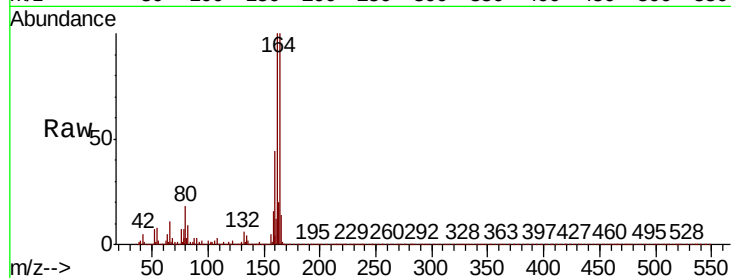
Tot Ion:164 Resp: 103841

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

160 44.3 36.6 54.8

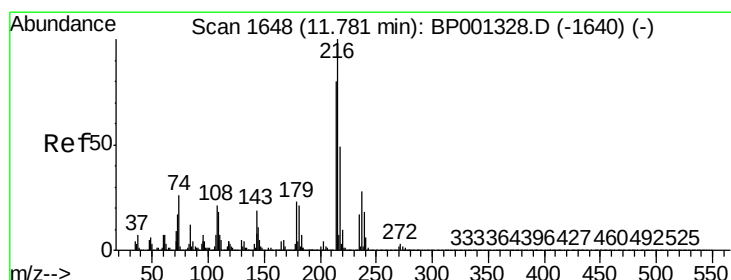
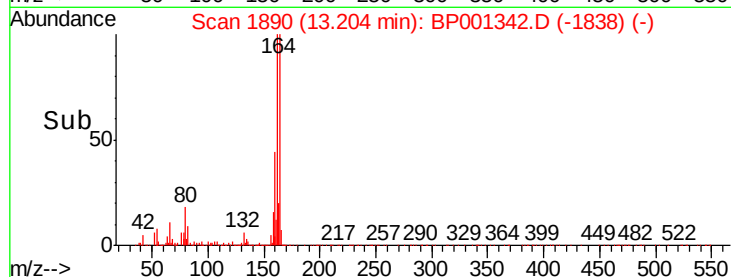
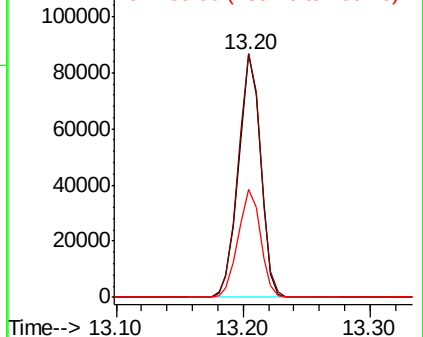


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.342 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Tgt Ion:216 Resp: 177931

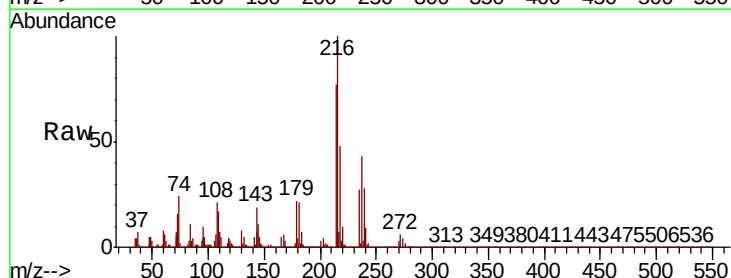
Ion Ratio Lower Upper

216 100

214 76.6 62.6 94.0

179 22.5 18.1 27.1

108 25.5 18.2 27.2



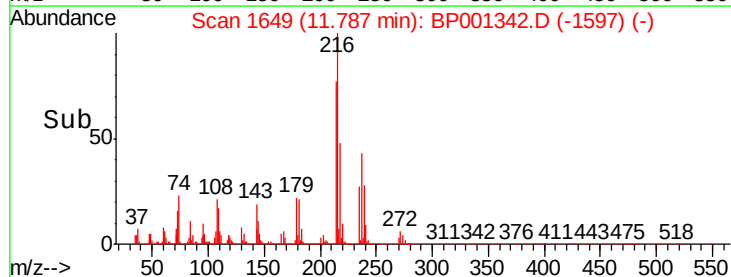
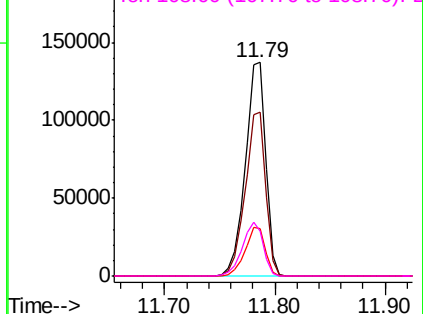
Abundance

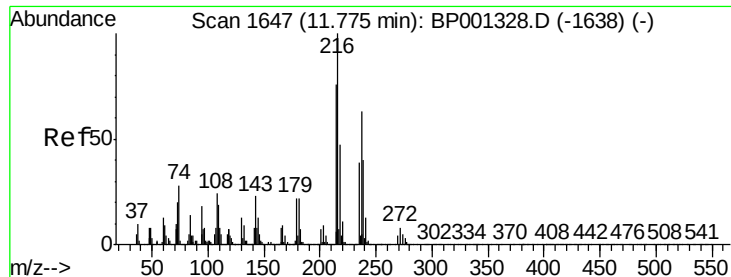
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

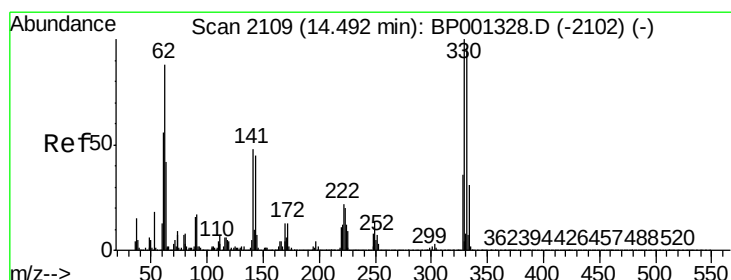
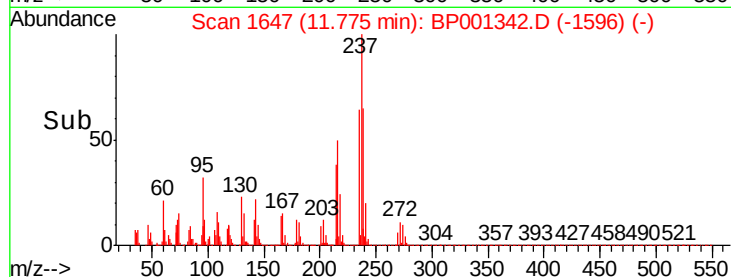
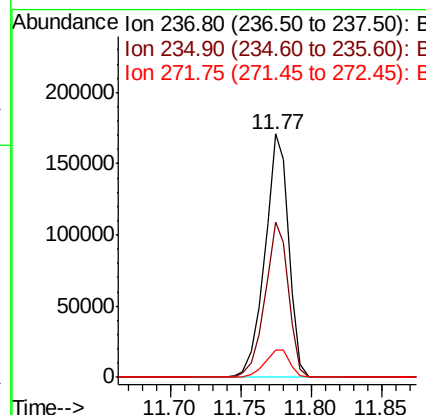
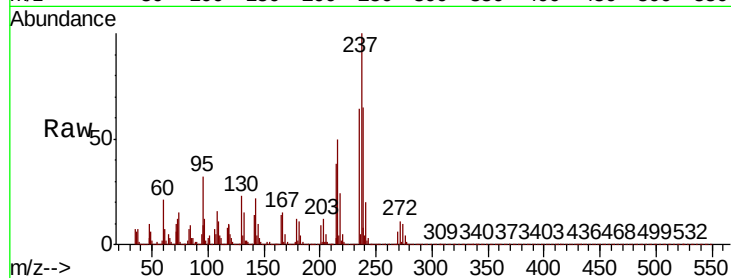




#41
Hexachlorocyclopentadiene
Concen: 106.535 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

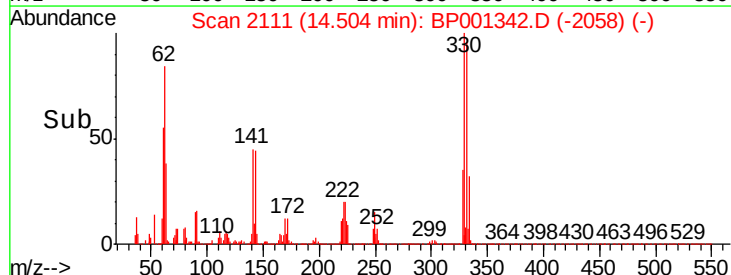
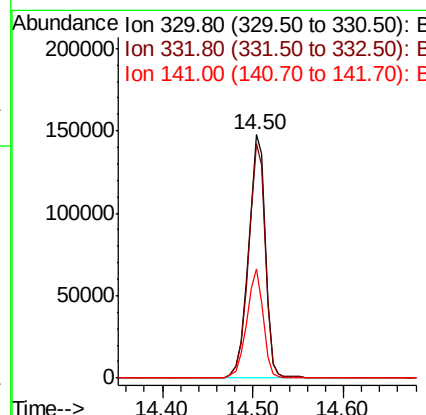
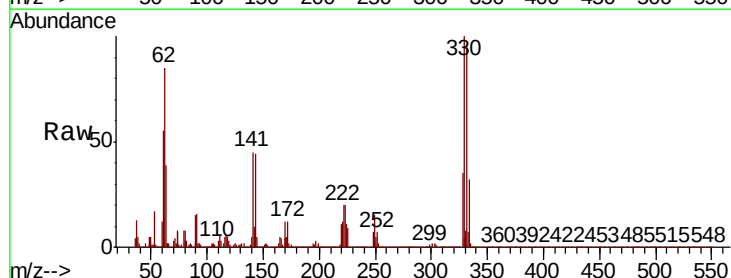
Instrument :
BNA_P
ClientSampleId :

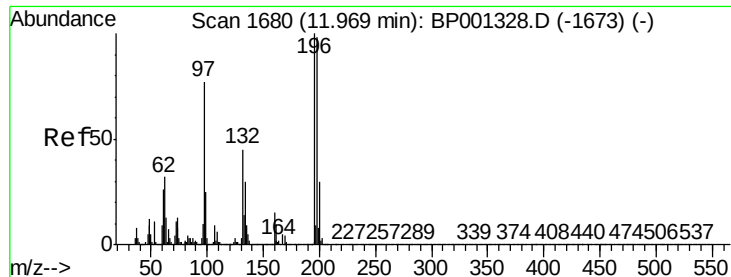
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.9	81.9
272	11.4	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 146.859 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.7	118.1
141	44.3	36.2	54.4

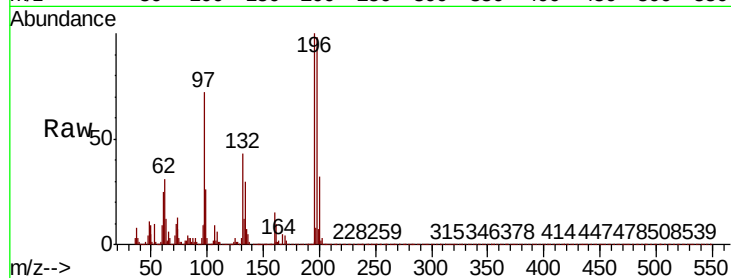




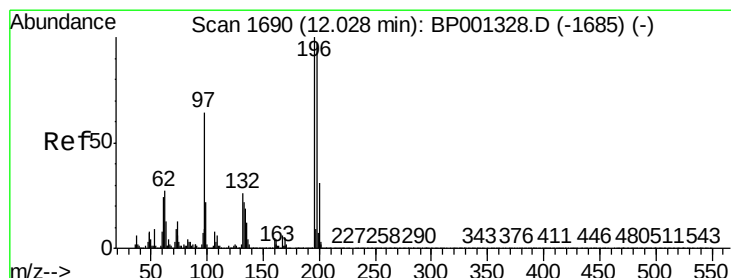
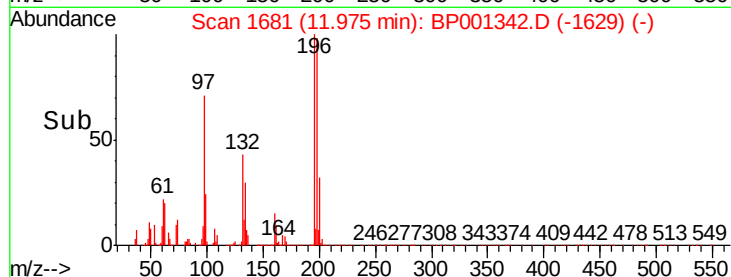
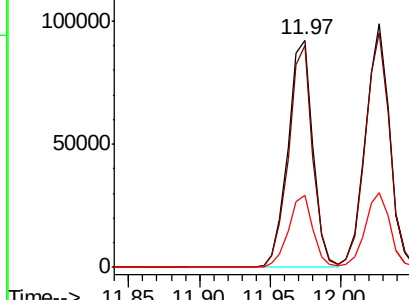
#43
2,4,6-Trichlorophenol
Concen: 47.819 ng
RT: 11.97 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:196 Resp: 112915
Ion Ratio Lower Upper
196 100
198 97.8 78.6 118.0
200 31.8 24.3 36.5



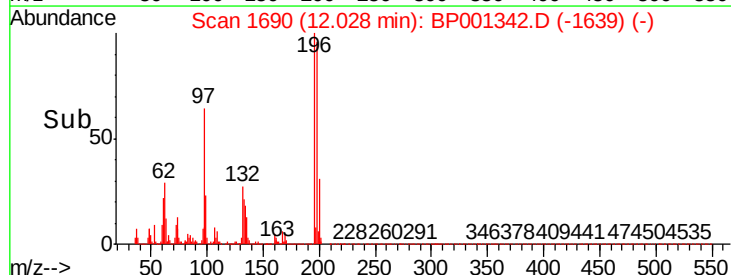
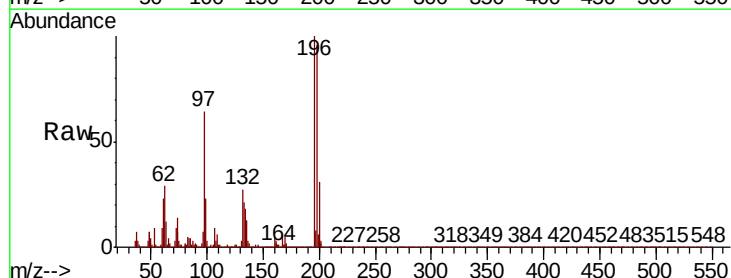
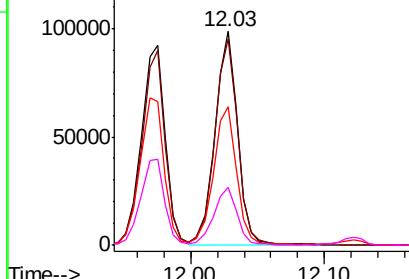
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

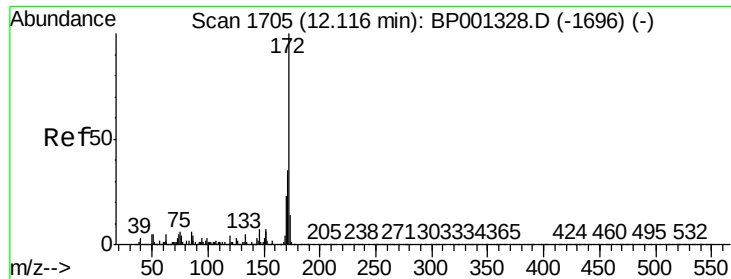


#44
2,4,5-Trichlorophenol
Concen: 48.510 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:196 Resp: 117692
Ion Ratio Lower Upper
196 100
198 96.3 77.7 116.5
97 64.5 50.7 76.1
132 27.2 20.7 31.1

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BPO
Ion 132.00 (131.70 to 132.70): E

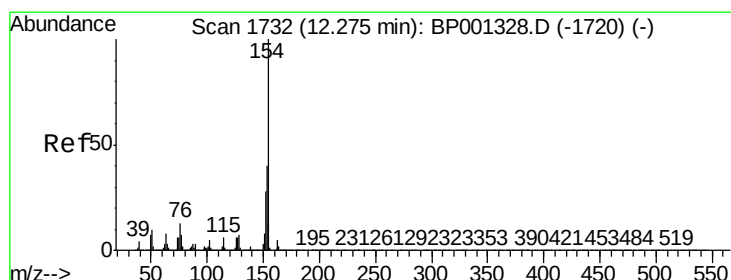
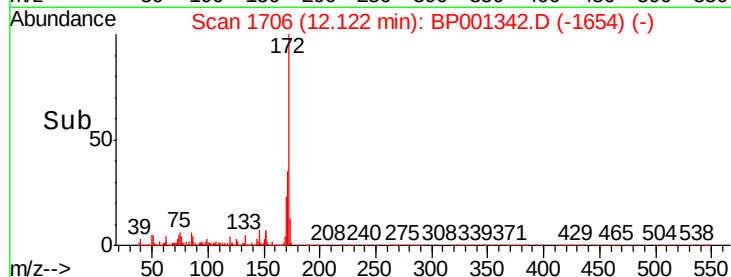
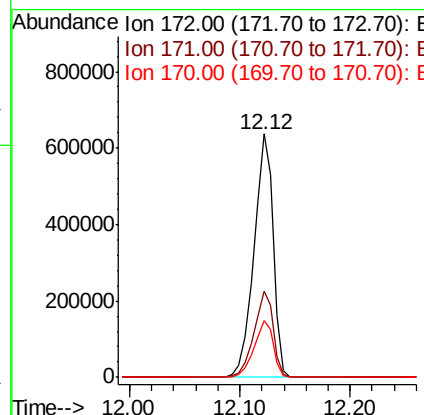
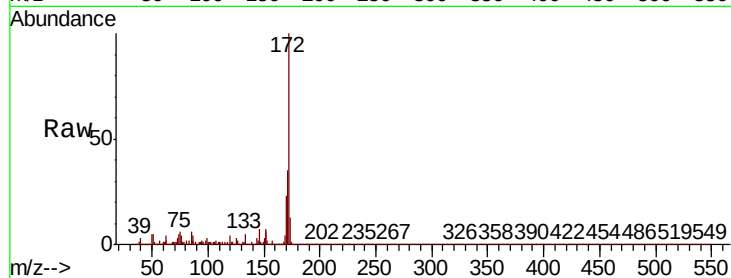




#45
2-Fluorobiphenyl
Concen: 94.493 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

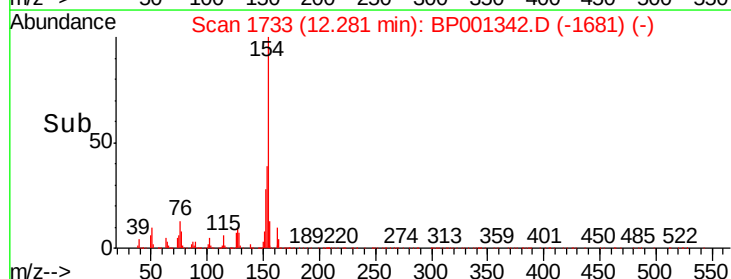
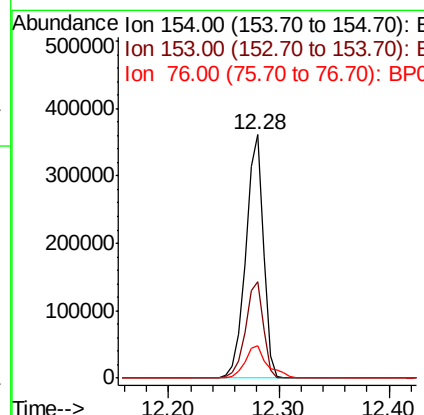
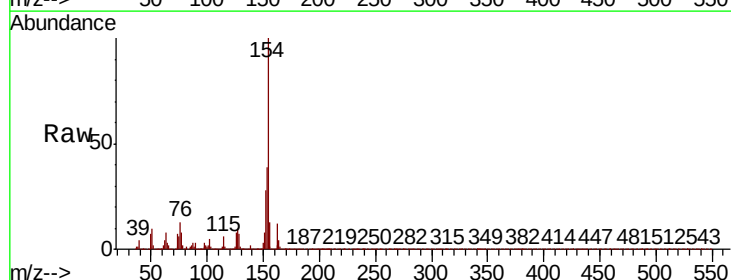
Instrument :
BNA_P
ClientSampleId :

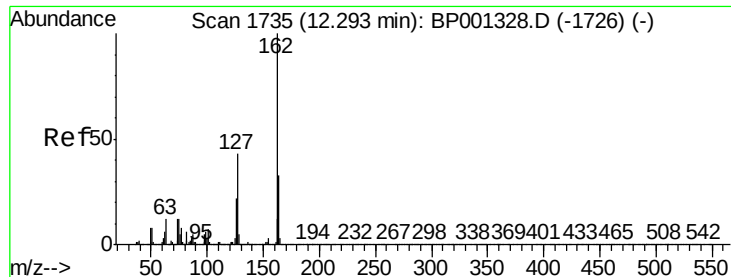
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	23.4	18.6	28.0



#46
1,1'-Biphenyl
Concen: 46.720 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.2	60.2
76	13.2	0.0	33.1

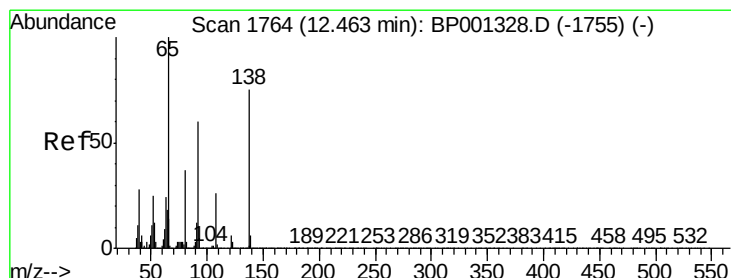
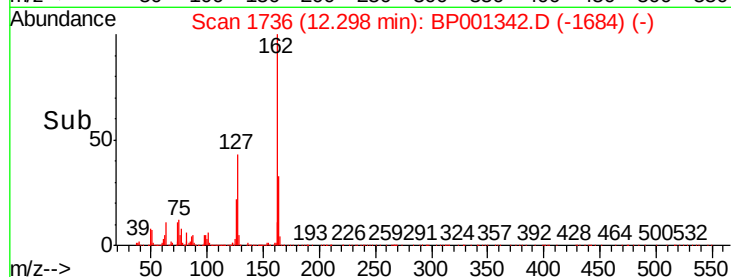
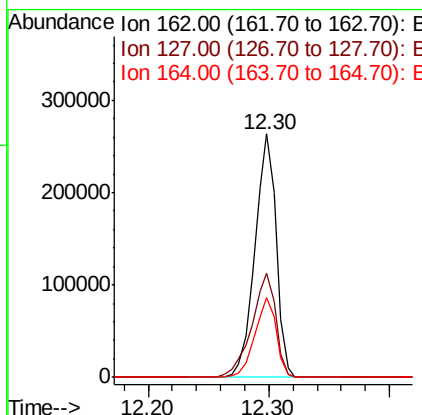
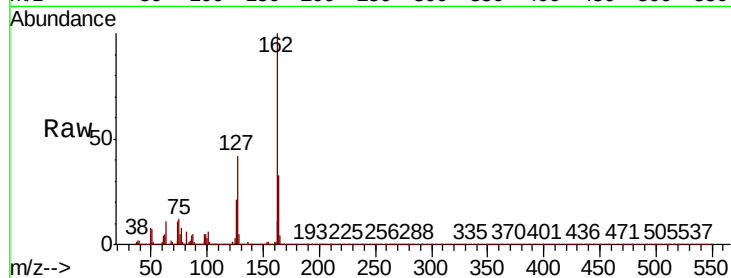




#47
2-Chloronaphthalene
Concen: 46.012 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

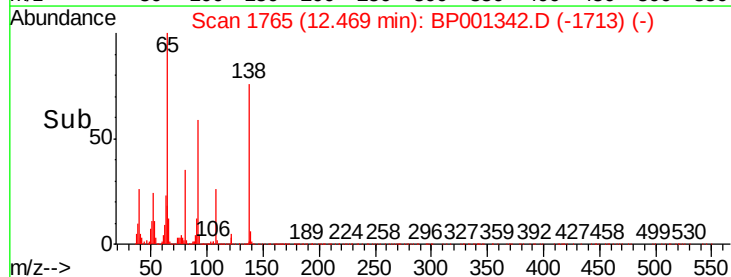
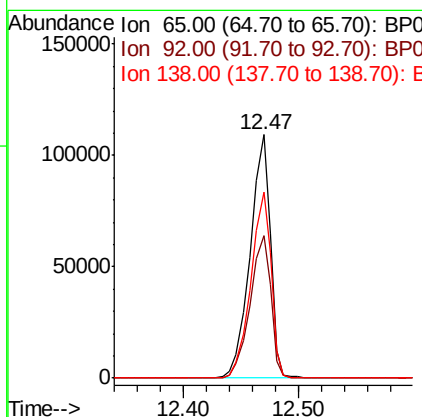
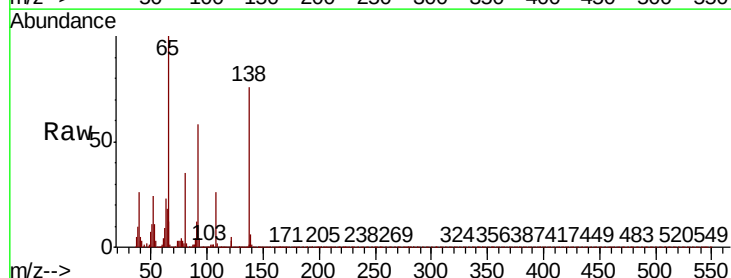
Instrument :
BNA_P
ClientSampleId :

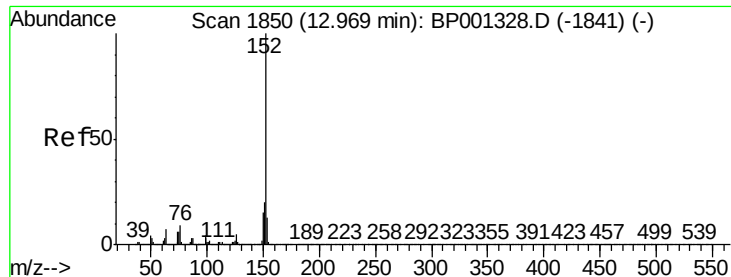
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	34.2	51.4
164	33.0	26.4	39.6



#48
2-Nitroaniline
Concen: 47.259 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	48.3	72.5
138	76.3	60.2	90.4





#49

Acenaphthylene

Concen: 48.911 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

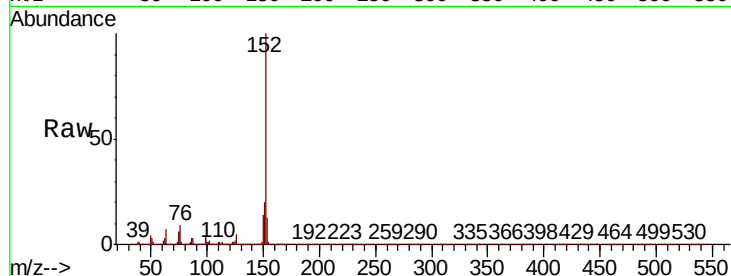
Tot Ion:152 Resp: 502274

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

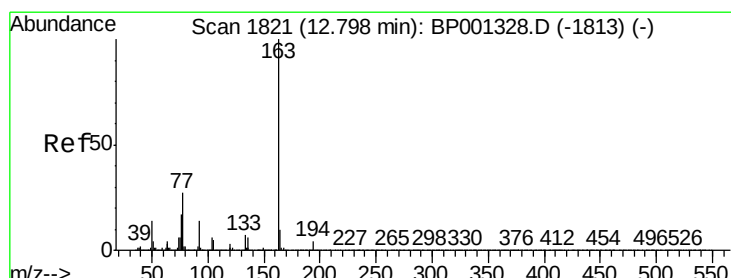
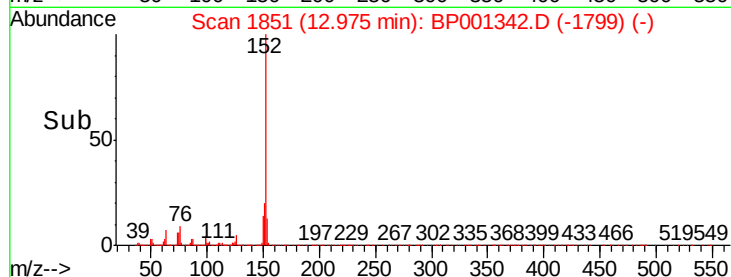
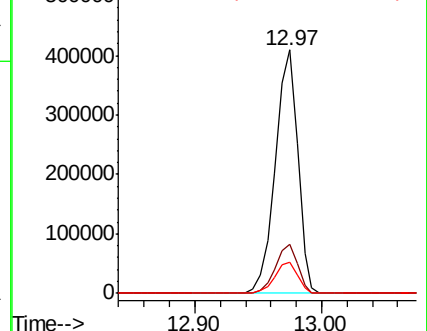
153 12.9 10.4 15.6



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: 48.042 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

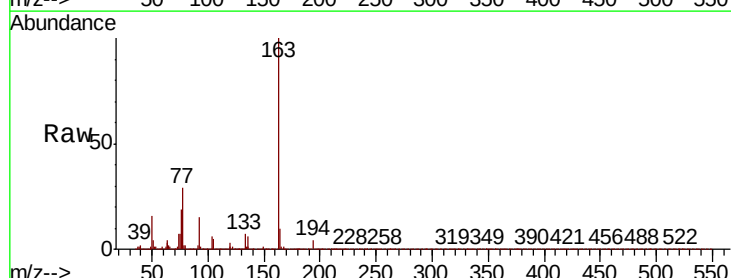
Tgt Ion:163 Resp: 409273

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

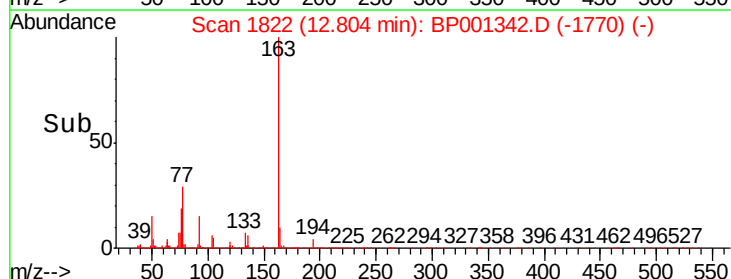
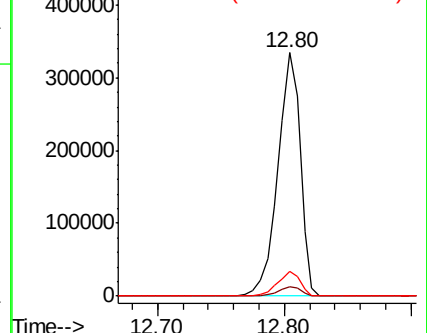
164 10.0 7.9 11.9

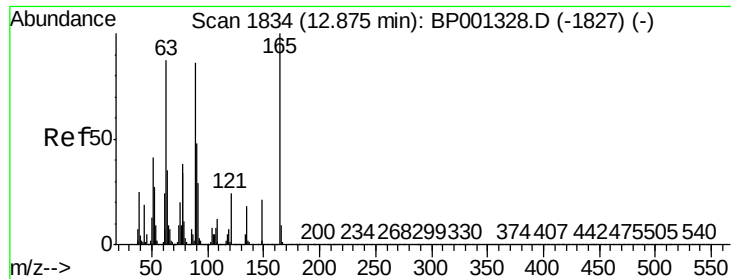


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

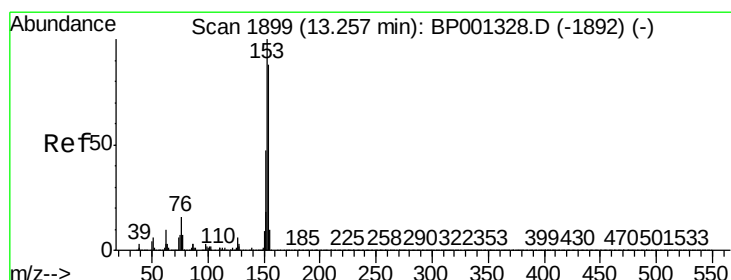
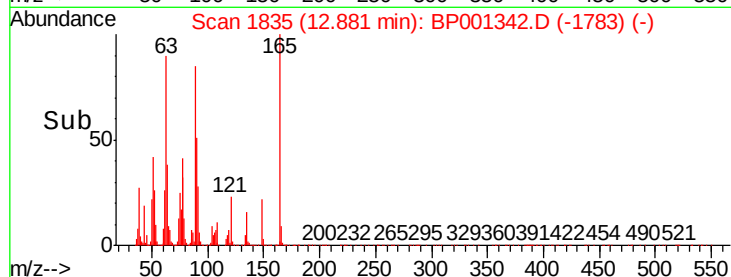
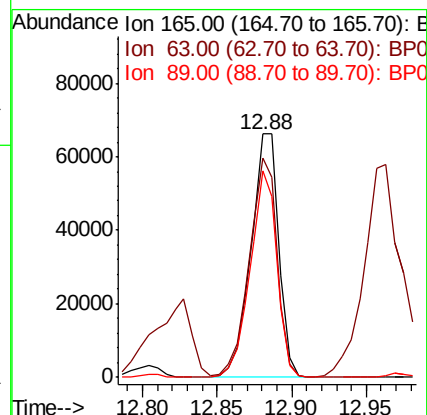
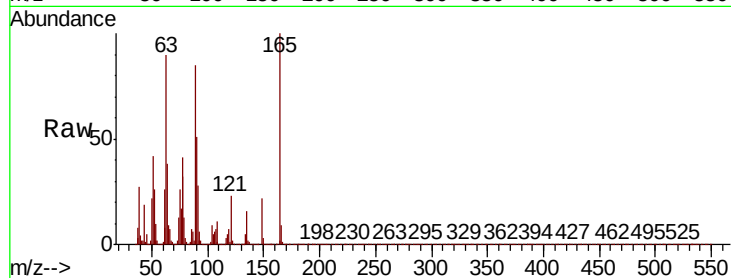




#51
 2,6-Dinitrotoluene
 Concen: 49.016 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

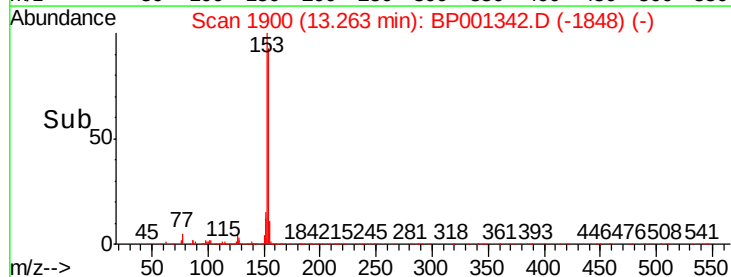
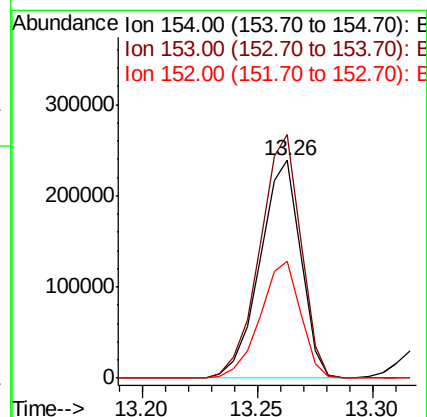
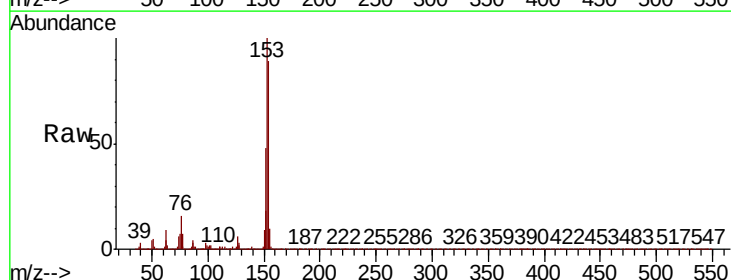
Instrument :
 BNA_P
 ClientSampleId :

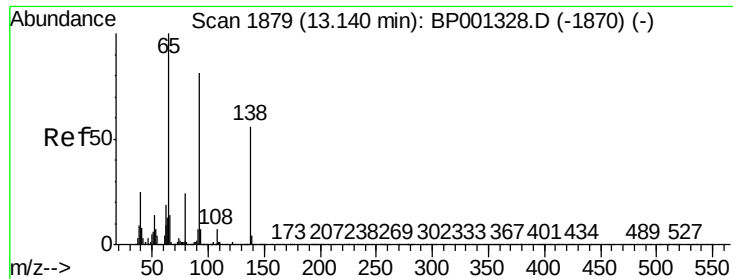
Tot Ion:165 Resp: 84788
 Ion Ratio Lower Upper
 165 100
 63 90.3 71.3 106.9
 89 84.9 68.5 102.7



#52
 Acenaphthene
 Concen: 47.584 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

Tgt Ion:154 Resp: 294418
 Ion Ratio Lower Upper
 154 100
 153 111.9 90.6 135.8
 152 53.6 42.4 63.6

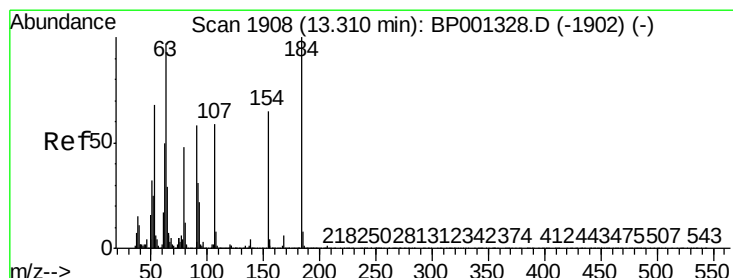
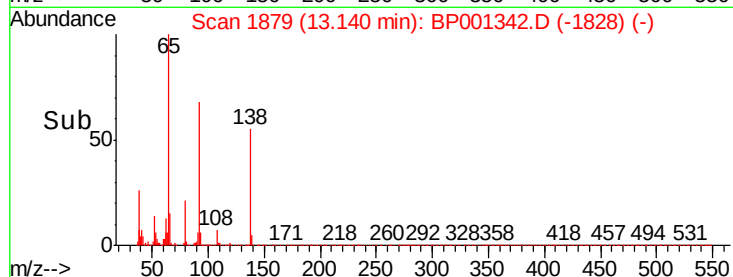
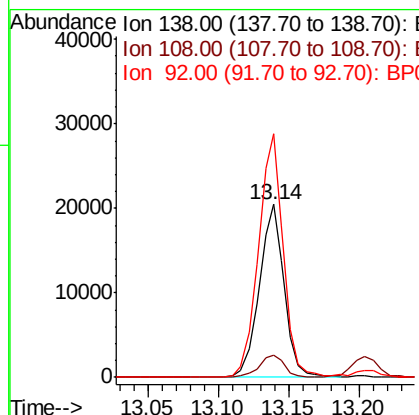
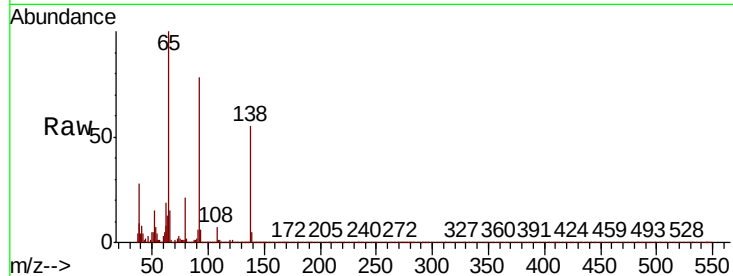




#53
3-Nitroaniline
Concen: 13.621 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

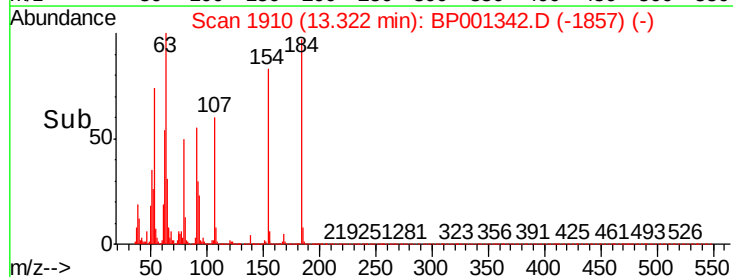
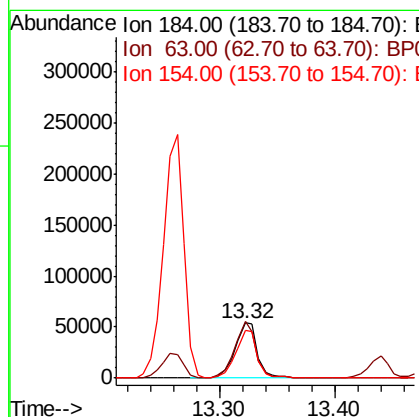
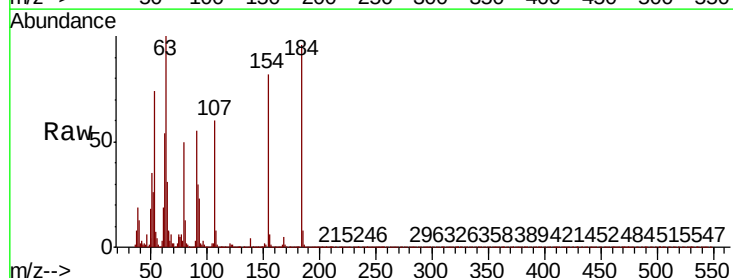
Instrument :
BNA_P
ClientSampleId :

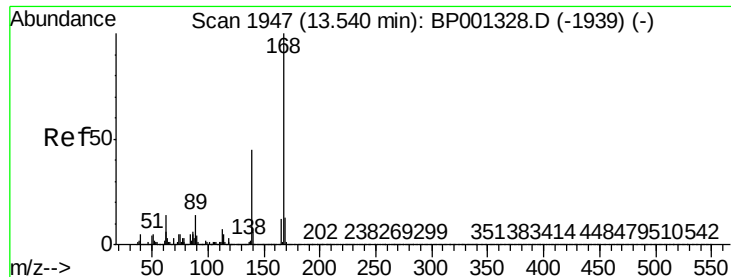
Tot Ion:138 Resp: 25289
Ion Ratio Lower Upper
138 100
108 12.9 10.1 15.1
92 140.9 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 107.693 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:184 Resp: 71933
Ion Ratio Lower Upper
184 100
63 103.7 78.6 117.8
154 85.5 62.2 93.2





#55

Dibenzofuran

Concen: 47.838 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

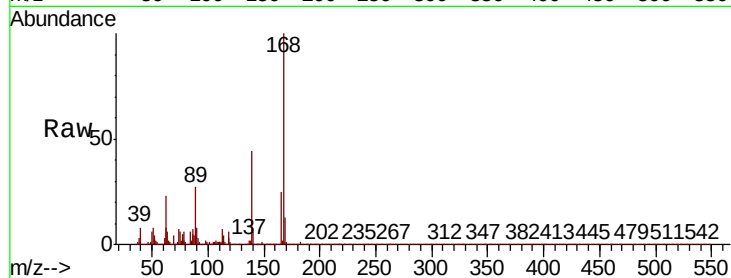
Tot Ion:168 Resp: 463754

Ion Ratio Lower Upper

168 100

139 43.6 35.8 53.8

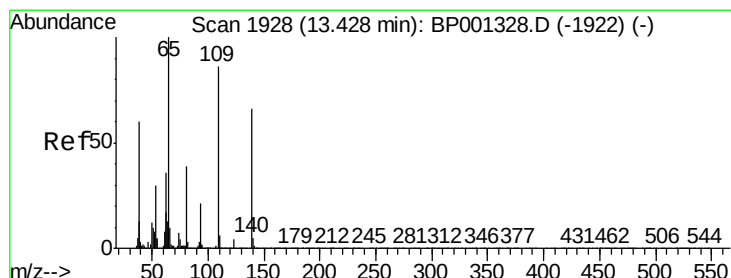
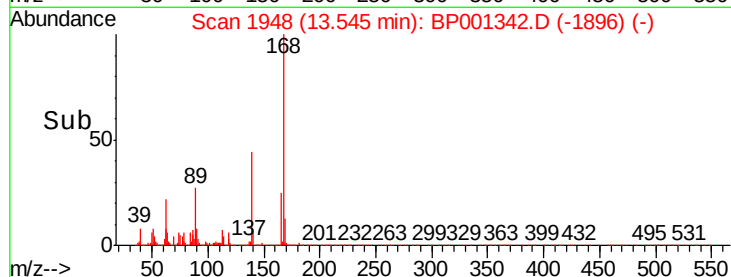
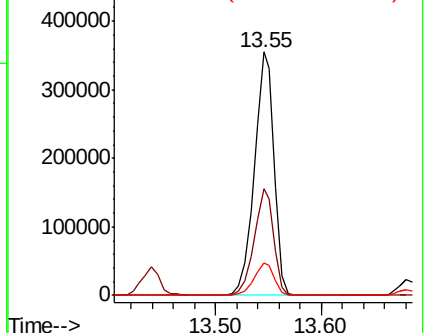
169 13.1 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.927 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

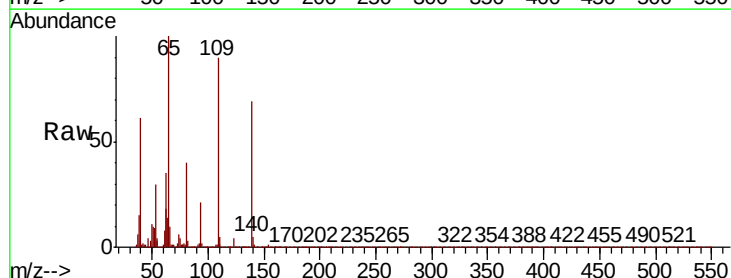
Tgt Ion:139 Resp: 50352

Ion Ratio Lower Upper

139 100

109 130.9 110.1 150.1

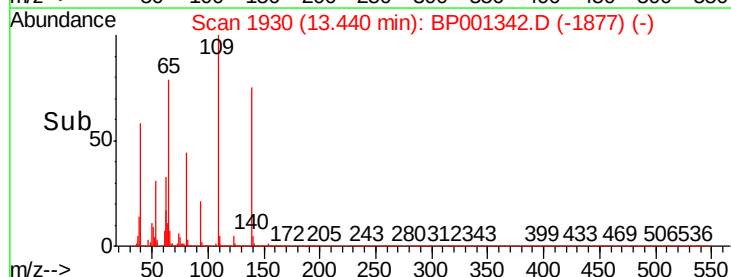
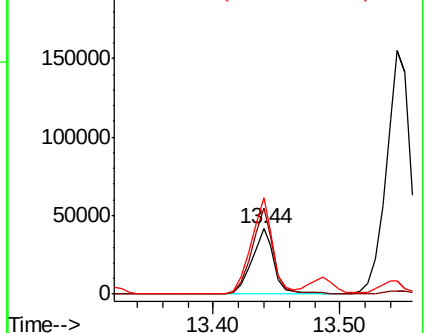
65 146.0 131.3 171.3

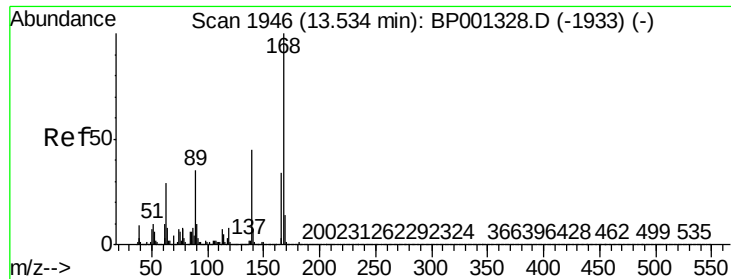


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

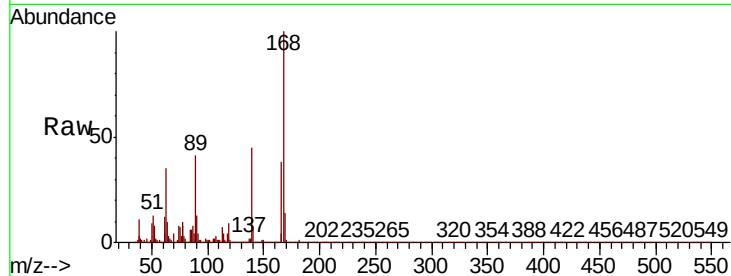




#57
2,4-Dinitrotoluene
Concen: 48.297 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	91.4	67.6	101.4
89	107.9	81.3	121.9
182	2.7	2.2	3.2



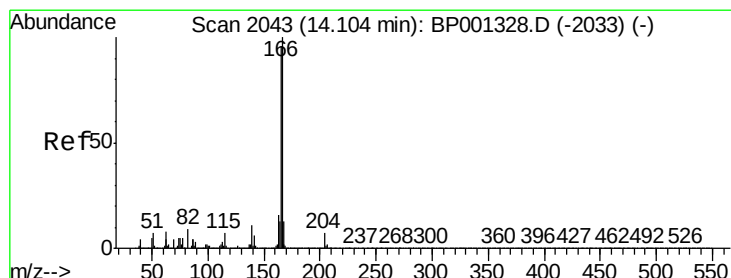
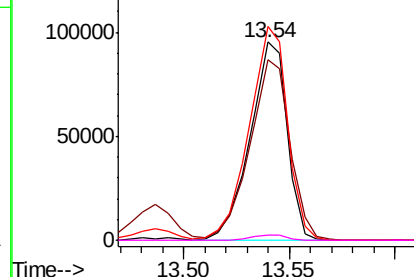
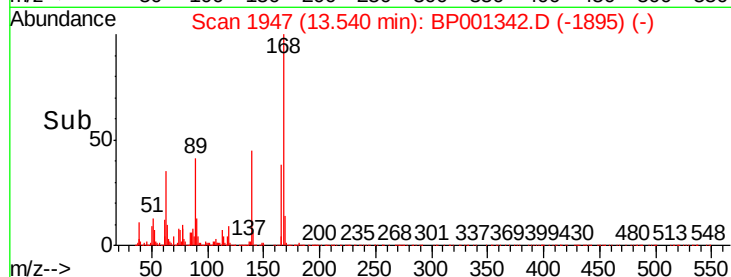
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

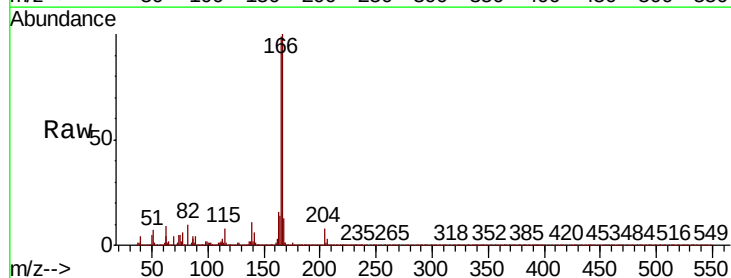
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.187 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.9	115.3
167	13.4	10.3	15.5

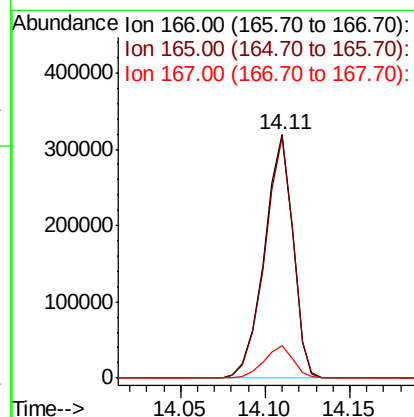
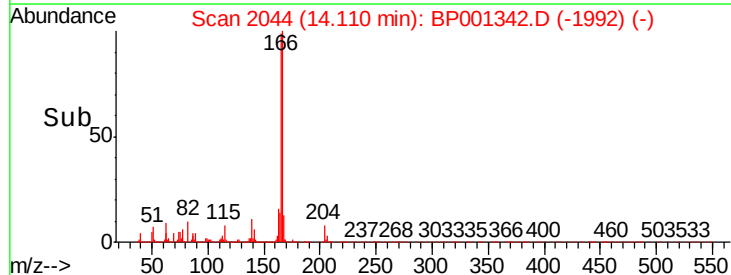


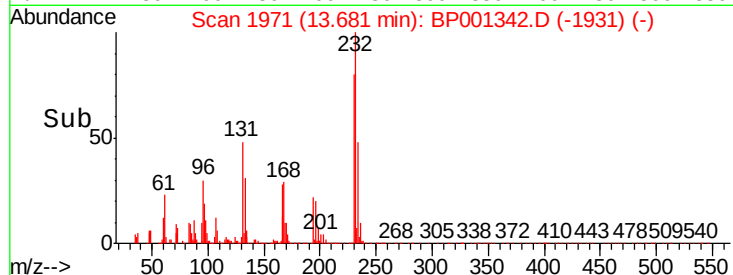
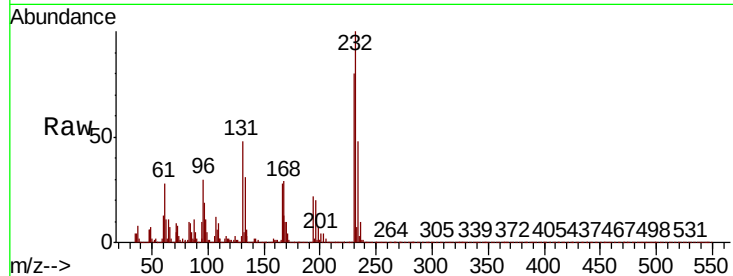
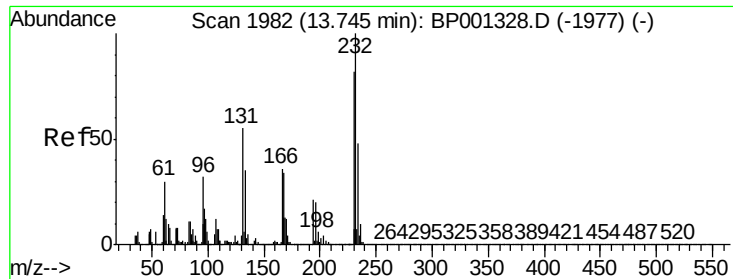
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

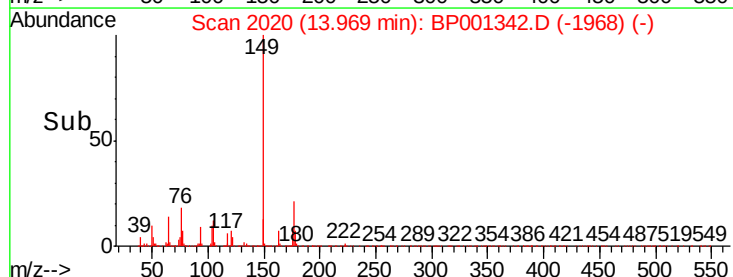
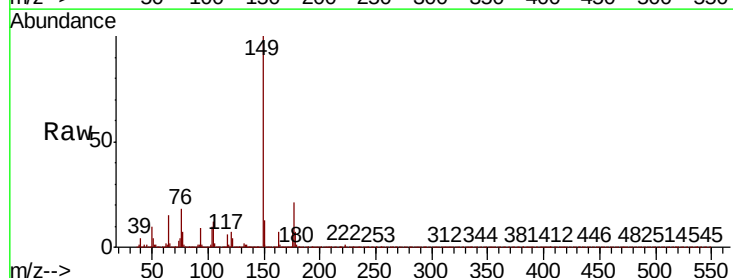
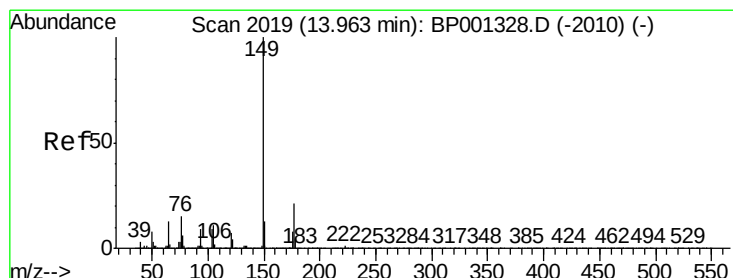
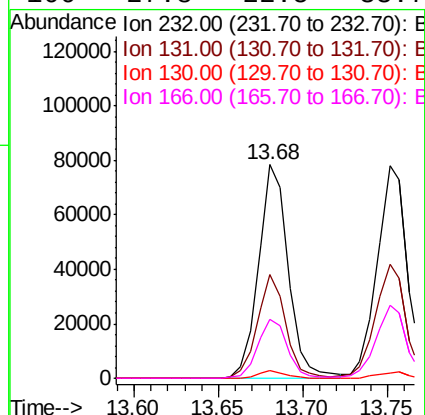




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.210 ng
RT: 13.68 min Scan# 1971
Delta R.T. -0.06 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

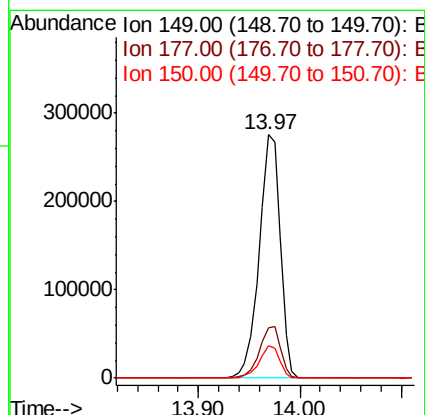
Instrument :
BNA_P
ClientSampleId :

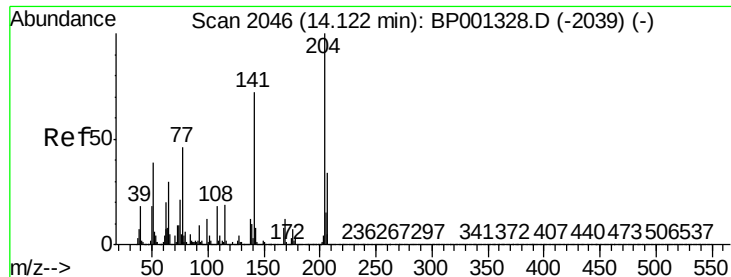
Tot Ion:	232	Resp:	96253
Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.1	54.1
130	3.3	2.5	3.7
166	27.8	22.5	33.7



#60
Diethylphthalate
Concen: 45.569 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:	149	Resp:	400402
Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	13.1	10.2	15.4

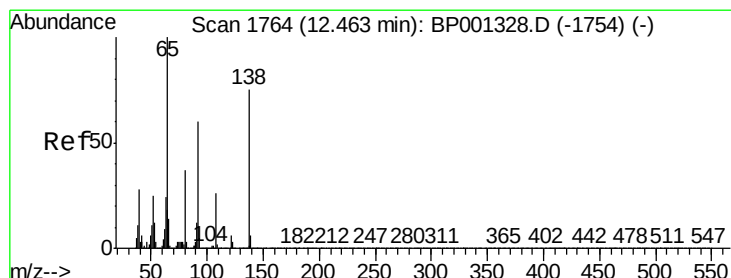
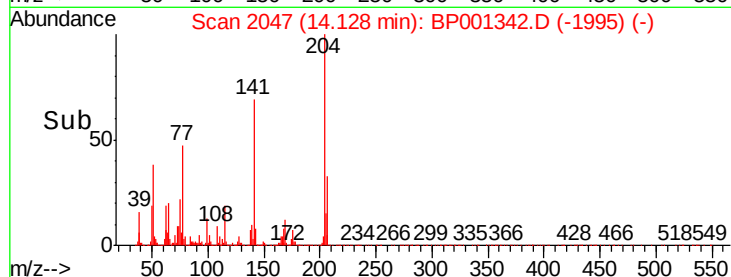
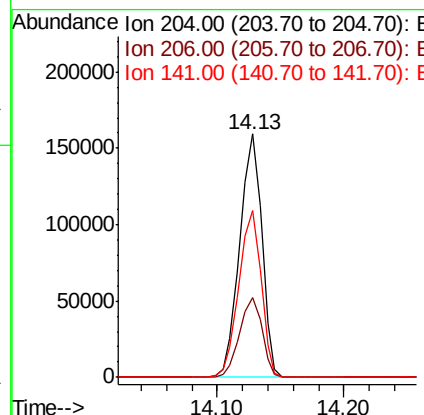
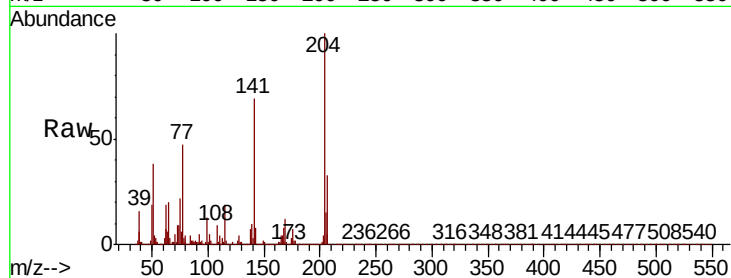




#61
4-Chlorophenyl-phenylether
Concen: 46.839 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

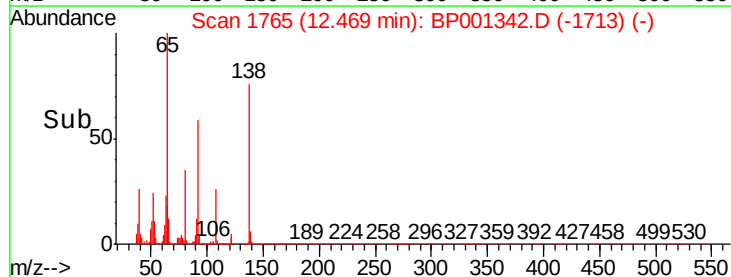
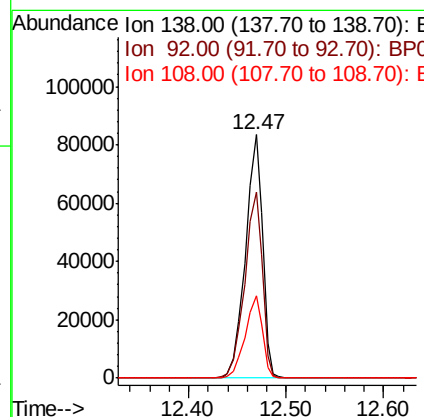
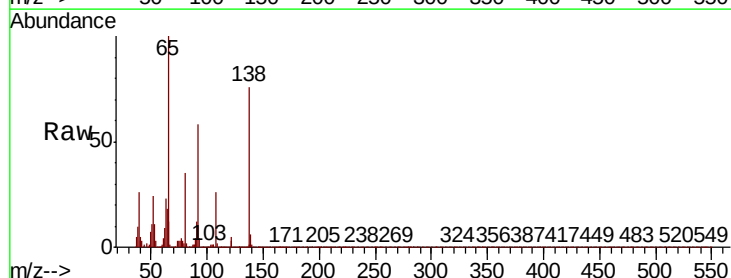
Instrument :
BNA_P
ClientSampleId :

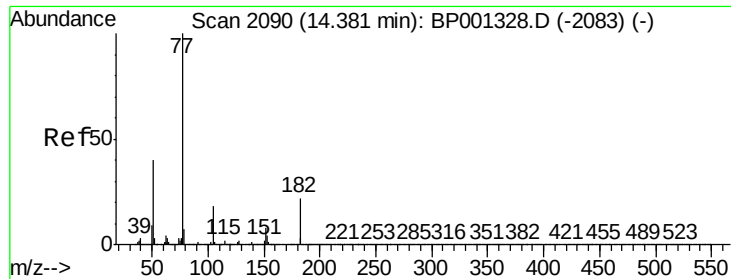
Tot Ion:204 Resp: 190912
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.0
141 68.7 57.3 85.9



#62
4-Nitroaniline
Concen: 47.437 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:138 Resp: 101990
Ion Ratio Lower Upper
138 100
92 76.6 60.3 100.3
108 34.0 14.5 54.5

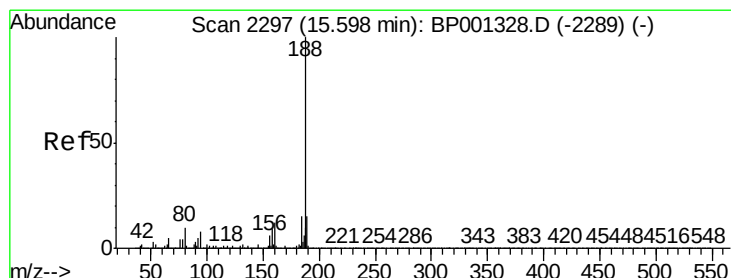
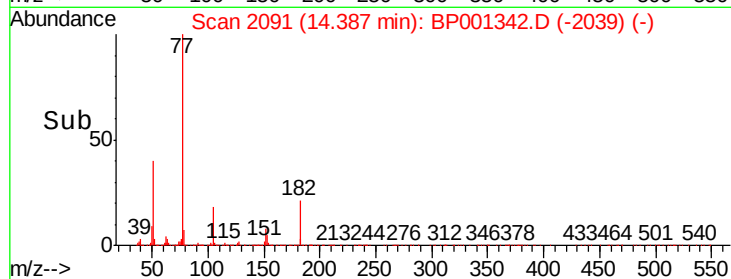
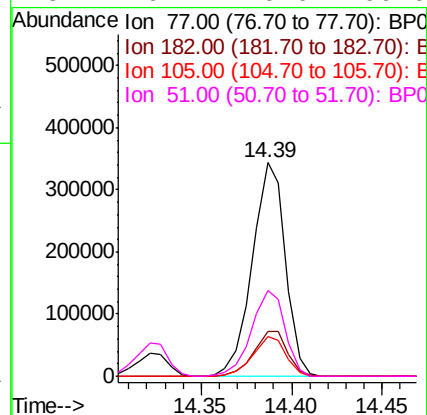
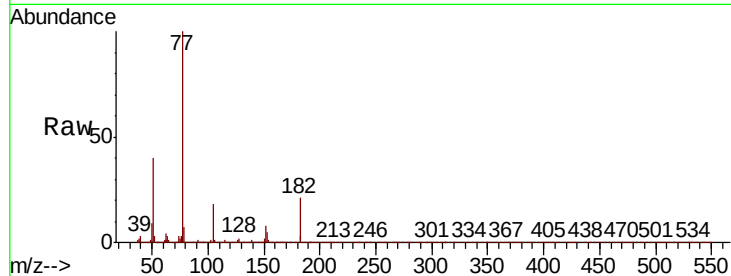




#63
Azobenzene
Concen: 47.092 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

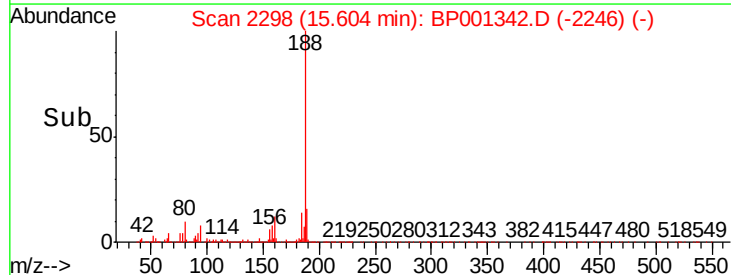
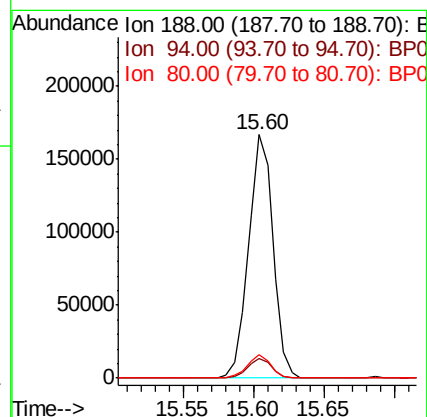
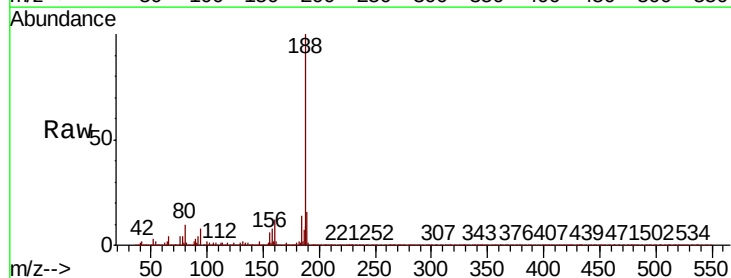
Instrument :
BNA_P
ClientSampled :

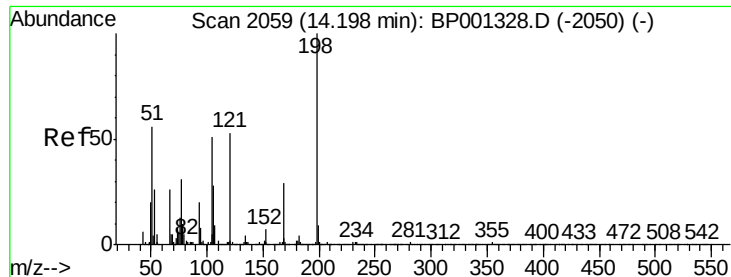
Tot Ion:	77	Resp:	435618
Ion	Ratio	Lower	Upper
77	100		
182	20.7	2.0	42.0
105	18.4	0.0	38.1
51	40.2	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:	188	Resp:	202144
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.7	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 58.814 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

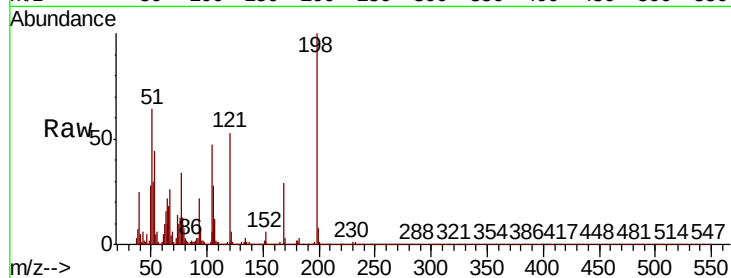
Tot Ion:198 Resp: 53246

Ion Ratio Lower Upper

198 100

51 64.2 47.4 87.4

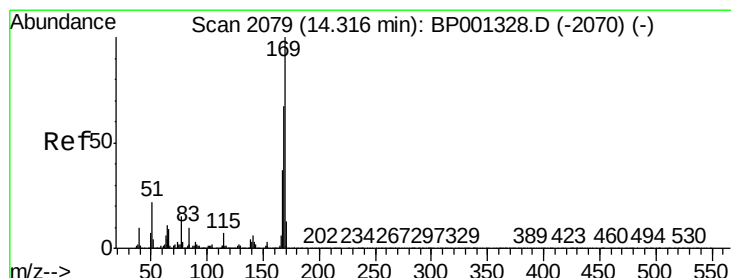
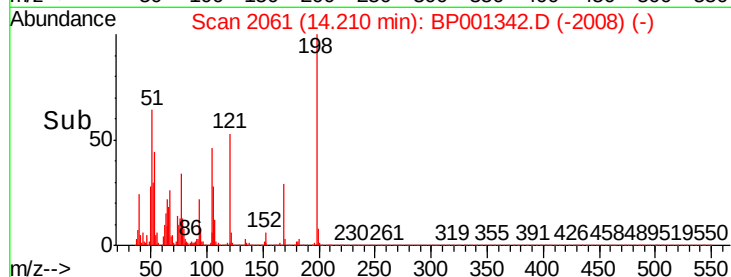
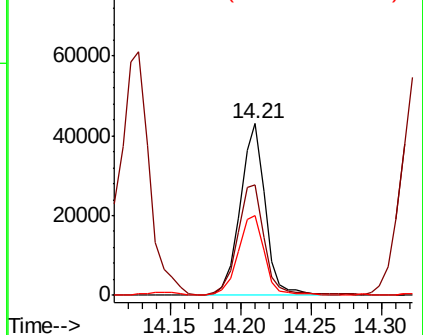
105 46.5 33.1 73.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.924 ng

RT: 14.33 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

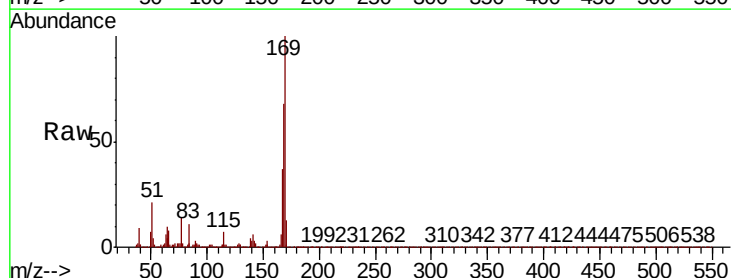
Tgt Ion:169 Resp: 313529

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.2

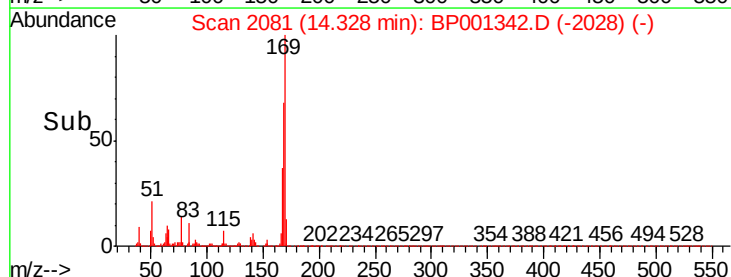
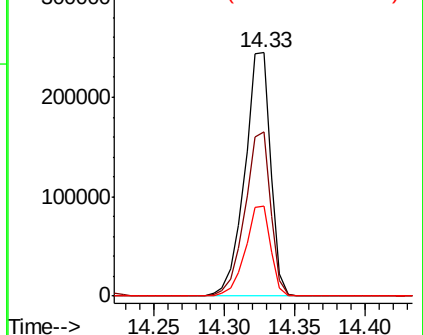
167 37.1 29.4 44.0

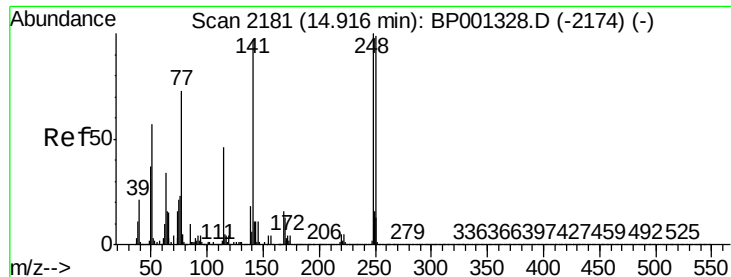


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

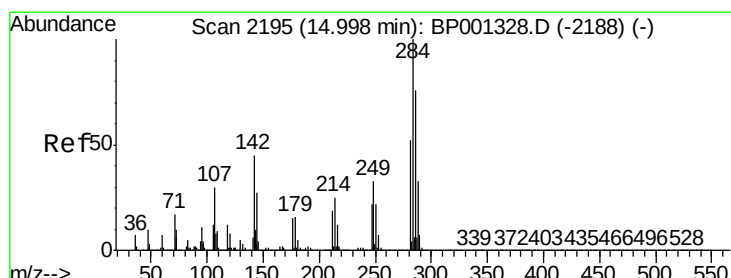
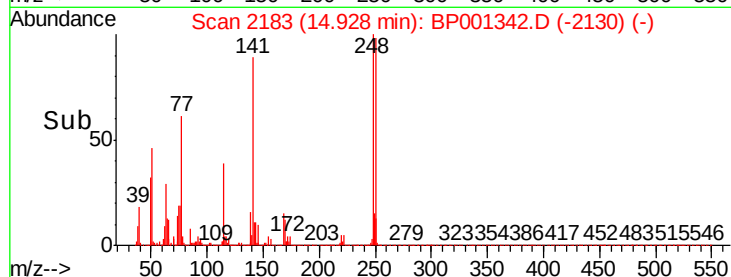
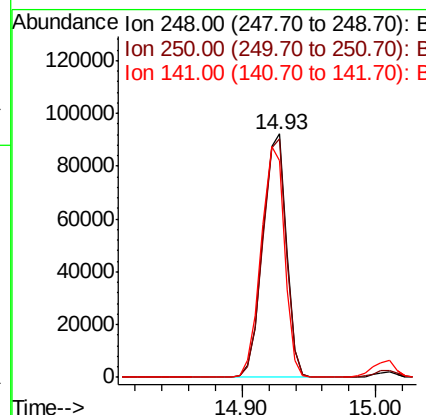
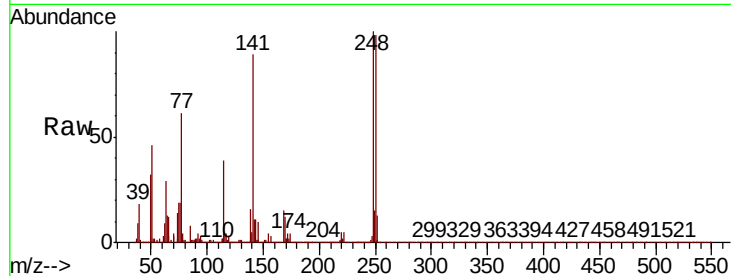




#67
4-Bromophenyl-phenylether
Concen: 46.616 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

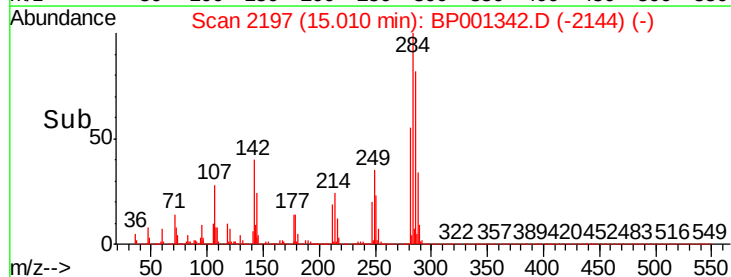
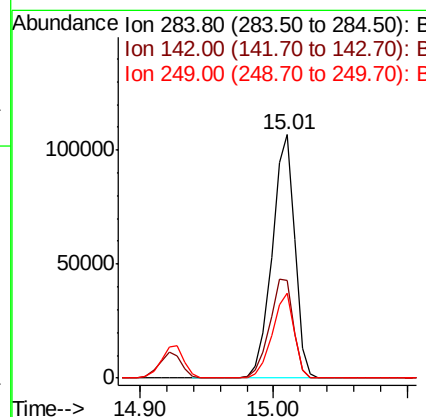
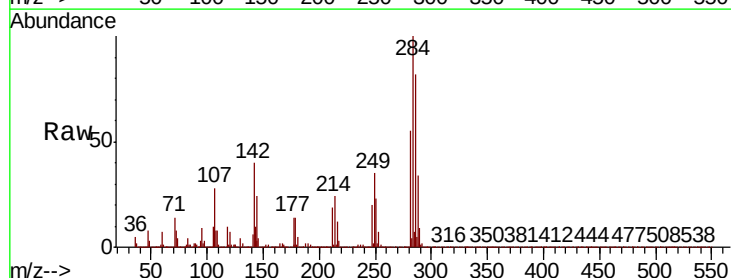
Instrument :
BNA_P
ClientSampleId :

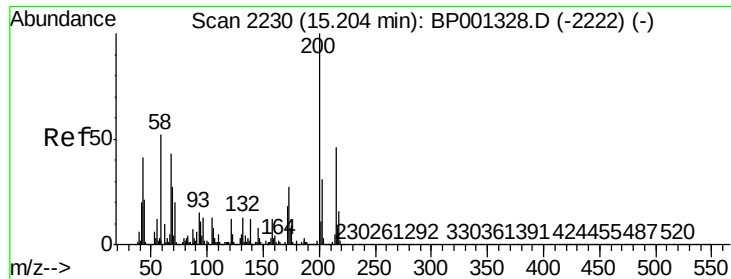
Tot Ion:248 Resp: 111411
Ion Ratio Lower Upper
248 100
250 98.1 79.3 118.9
141 88.9 77.5 116.3



#68
Hexachlorobenzene
Concen: 46.299 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:284 Resp: 125971
Ion Ratio Lower Upper
284 100
142 40.2 36.1 54.1
249 34.9 26.3 39.5

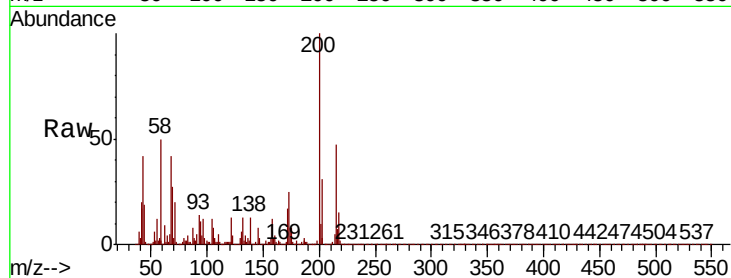




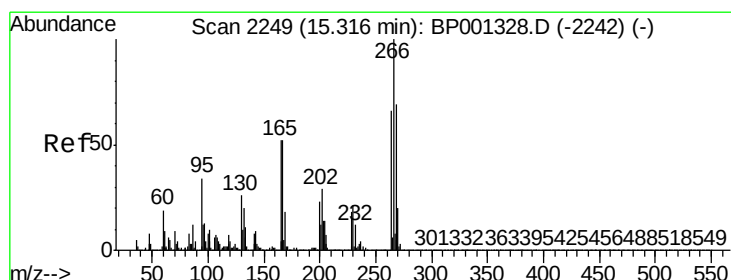
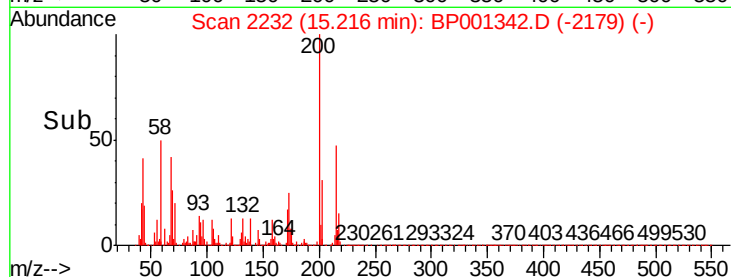
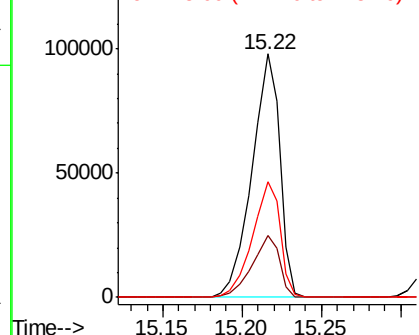
#69
Atrazine
Concen: 51.899 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 119468
Ion Ratio Lower Upper
200 100
173 25.3 6.8 46.8
215 47.3 26.1 66.1

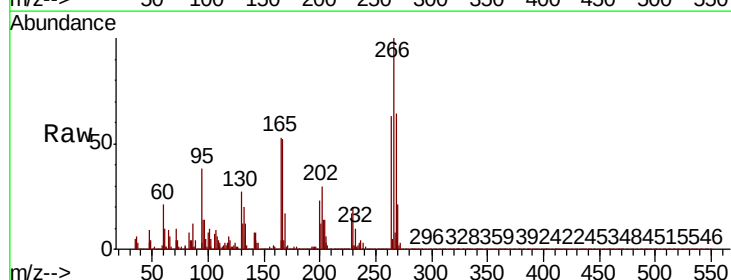


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

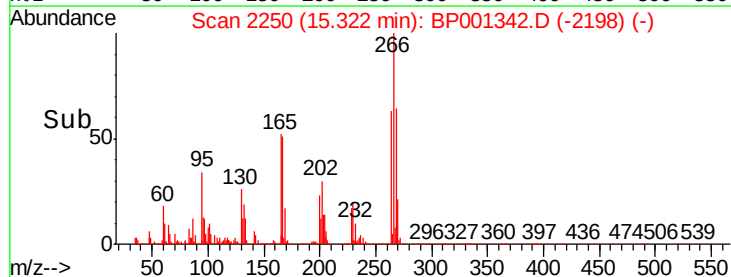
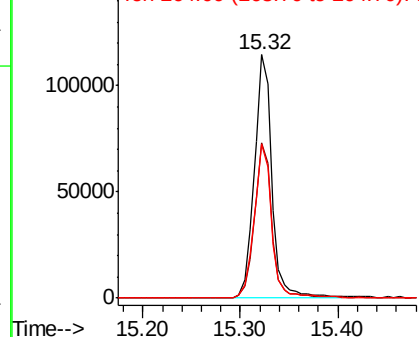


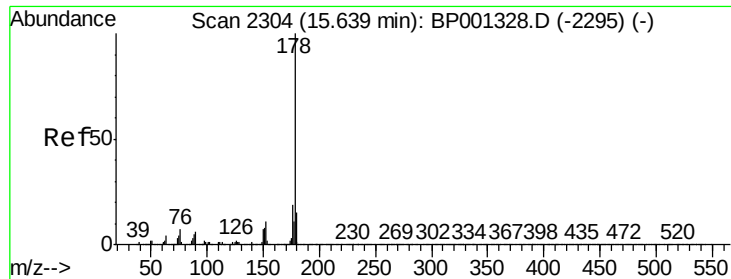
#70
Pentachlorophenol
Concen: 103.727 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion:266 Resp: 144728
Ion Ratio Lower Upper
266 100
268 63.6 55.4 83.2
264 63.4 53.2 79.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

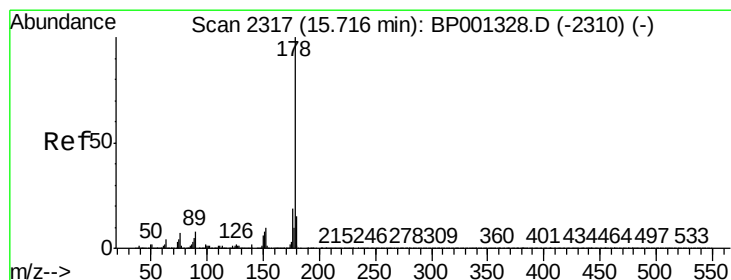
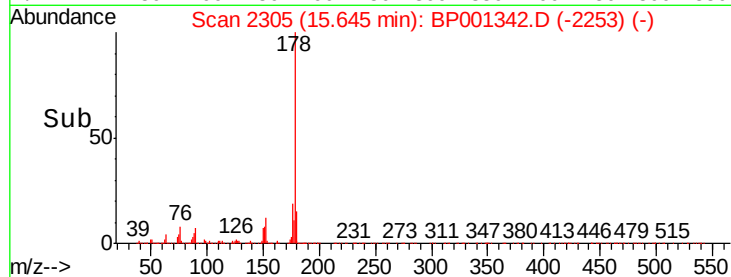
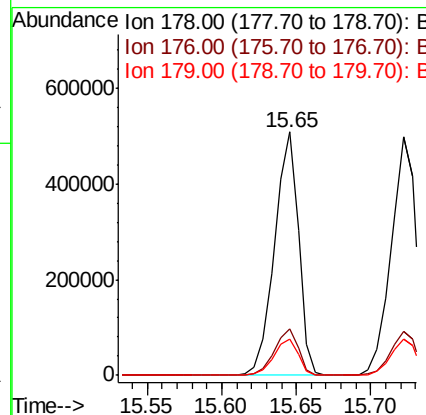
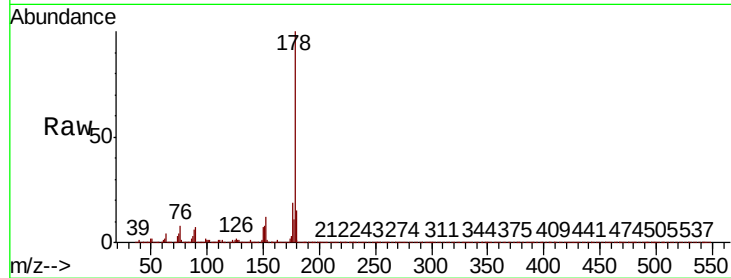




#71
Phenanthrene
Concen: 49.048 ng
RT: 15.65 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

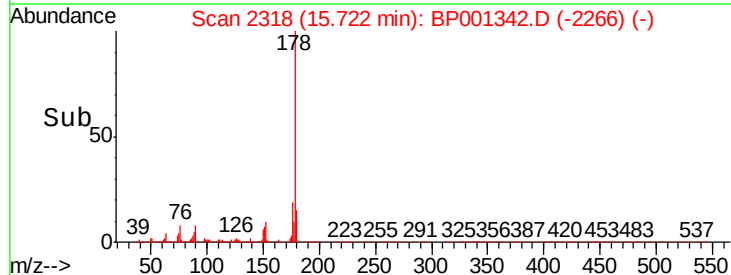
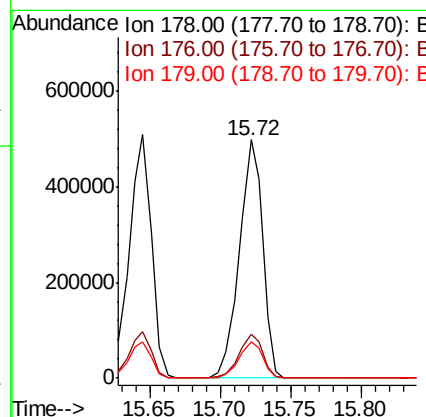
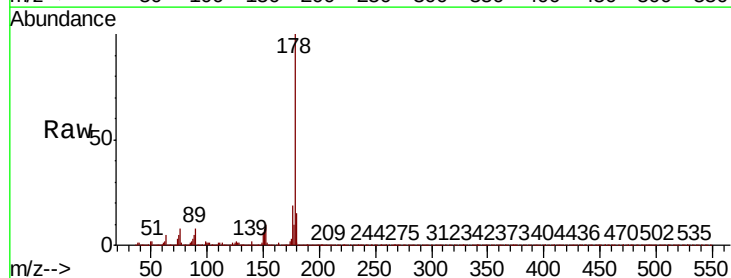
Instrument :
BNA_P
ClientSampleId :

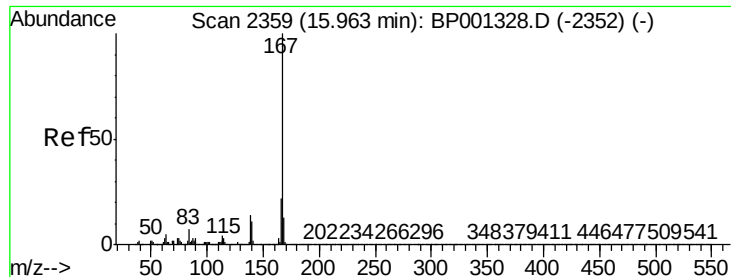
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.0	18.0



#72
Anthracene
Concen: 50.191 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.1	11.9	17.9

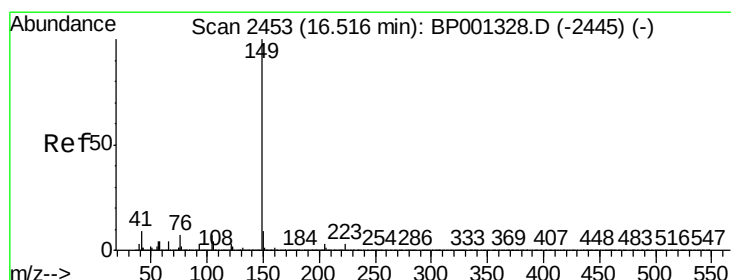
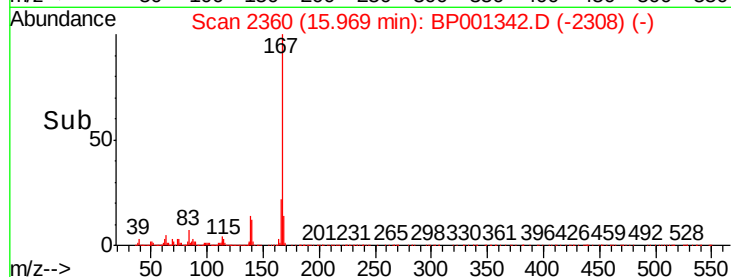
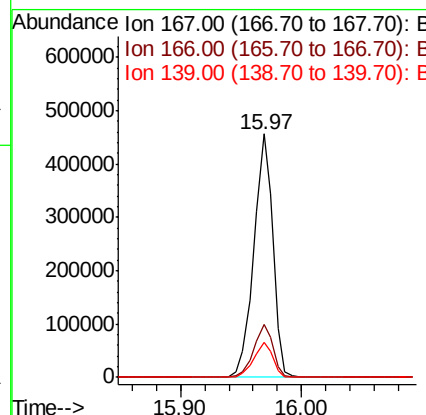
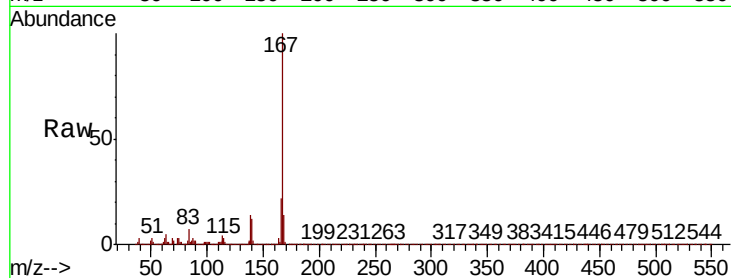




#73
 Carbazole
 Concen: 49.591 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.01 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

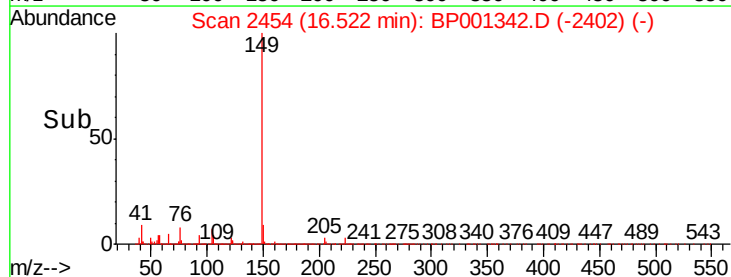
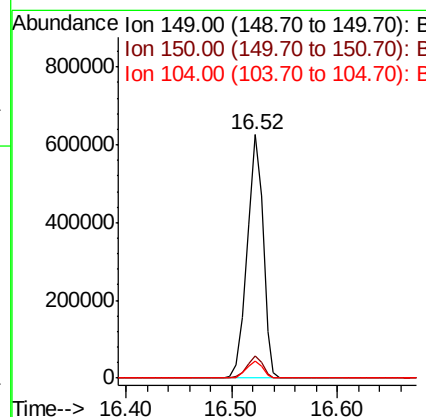
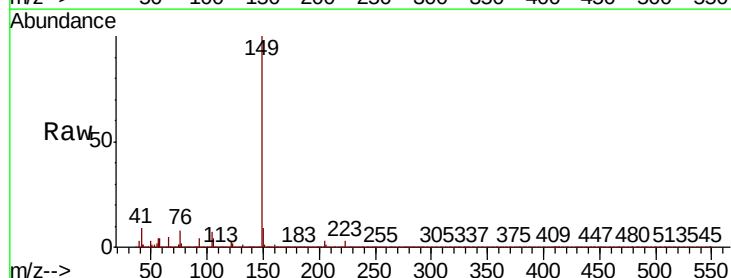
Instrument :
 BNA_P
 ClientSampleId :

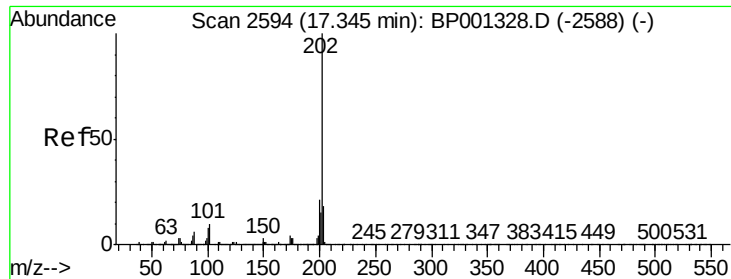
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	14.3	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 46.037 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BP001342.D
 Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	6.9	5.4	8.2





#75

Fluoranthene

Concen: 48.575 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BP001342.D

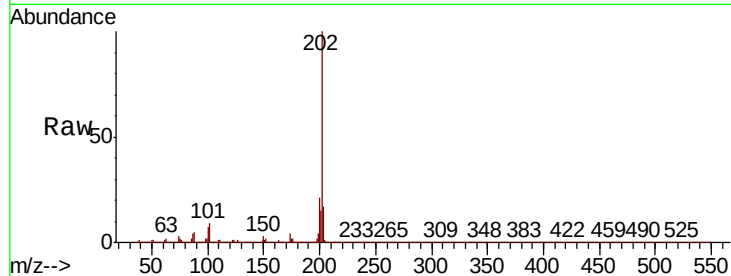
Acq: 20 Dec 2019 14:46

Instrument :

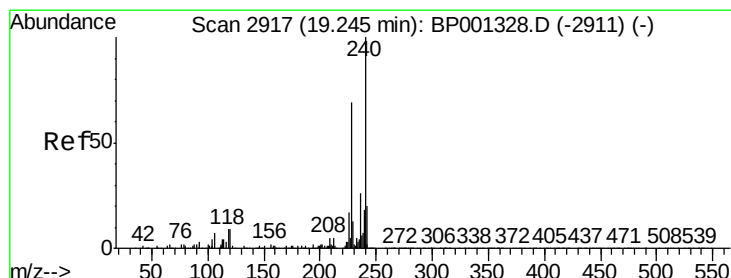
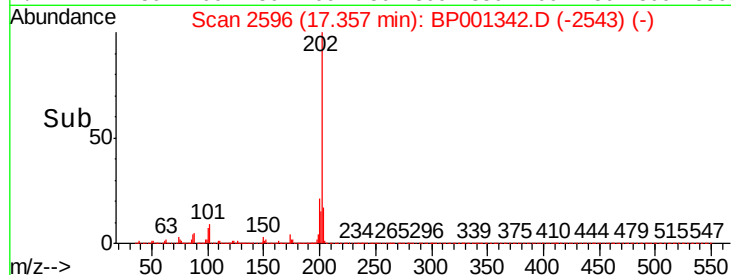
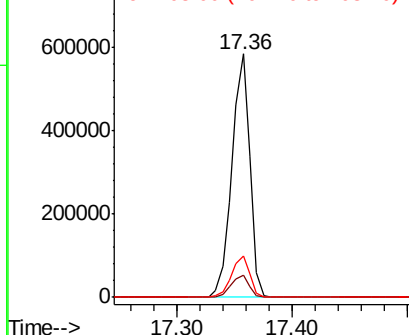
BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	626410
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.9
203	17.1	0.0	37.6



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

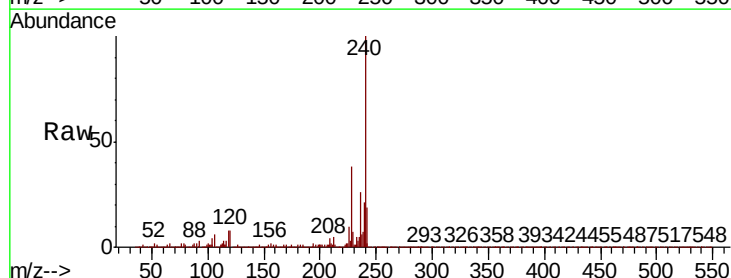
RT: 19.26 min Scan# 2919

Delta R.T. 0.01 min

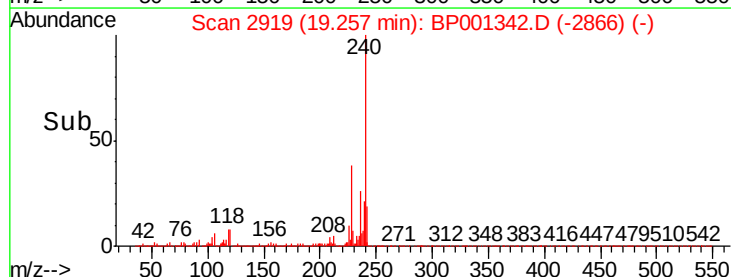
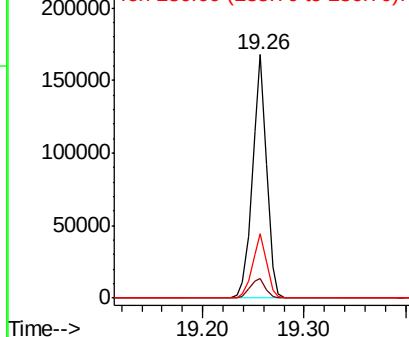
Lab File: BP001342.D

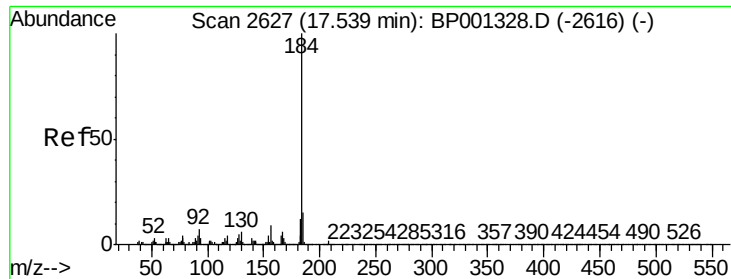
Acq: 20 Dec 2019 14:46

Tgt Ion:	240	Resp:	161865
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.6	11.4
236	26.2	21.0	31.4



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: 51.646 ng

RT: 17.55 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampled :

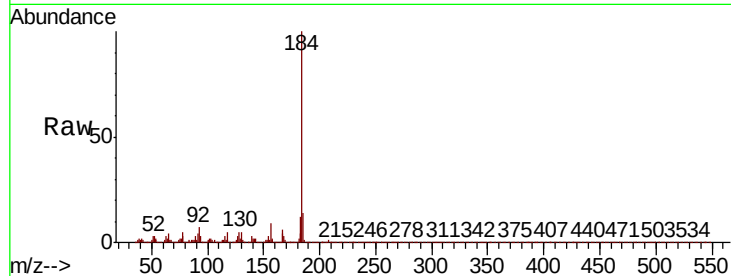
Tot Ion:184 Resp: 243395

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 12.1 9.8 14.8

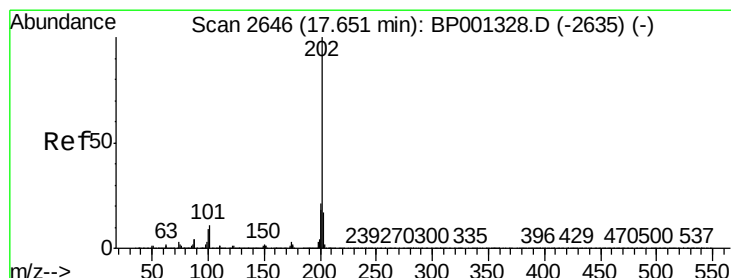
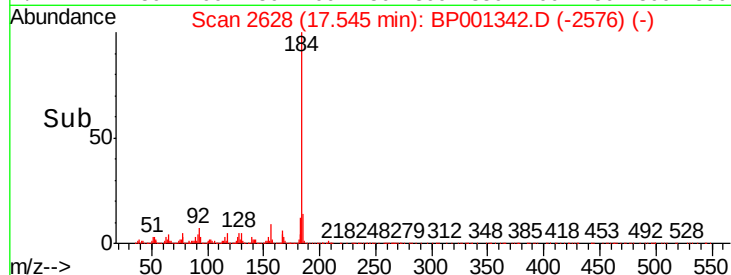
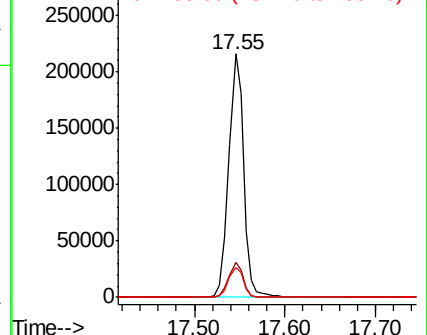


Abundance

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: 50.200 ng

RT: 17.66 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

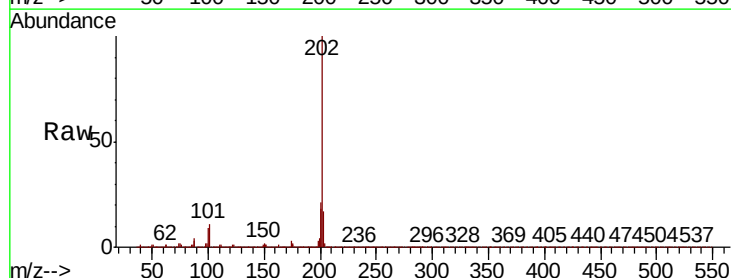
Tgt Ion:202 Resp: 630898

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.2 13.8 20.8

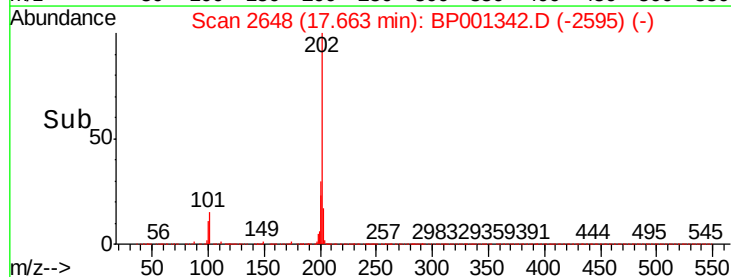
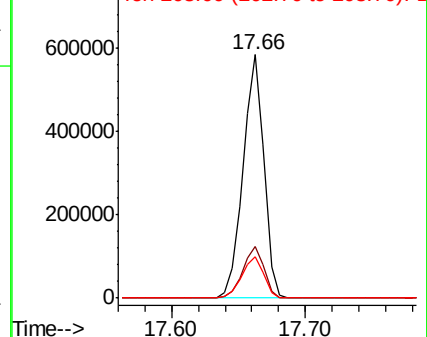


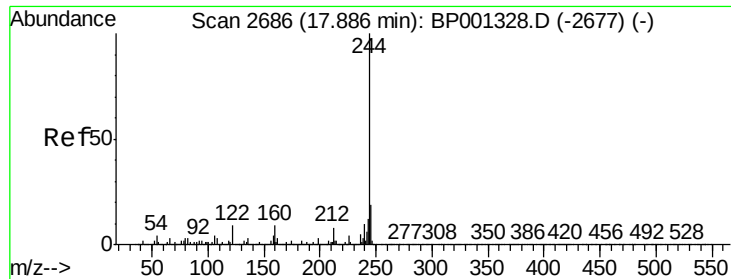
Abundance

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: 104.708 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampled :

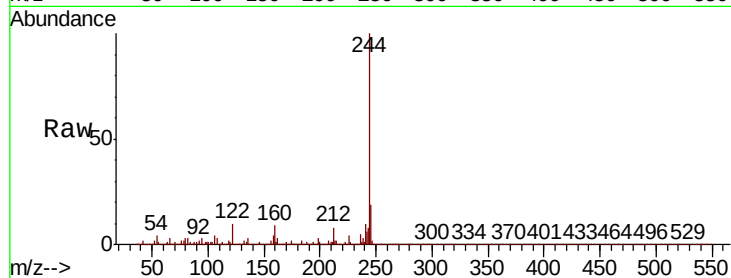
Tot Ion:244 Resp: 989547

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

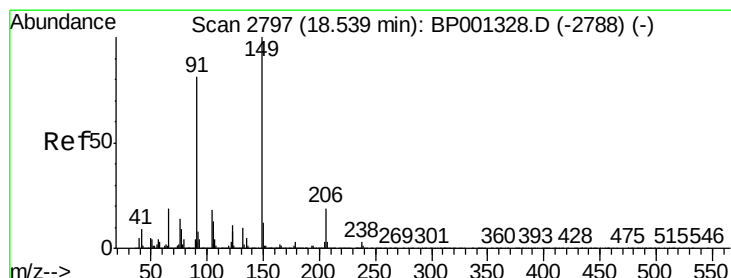
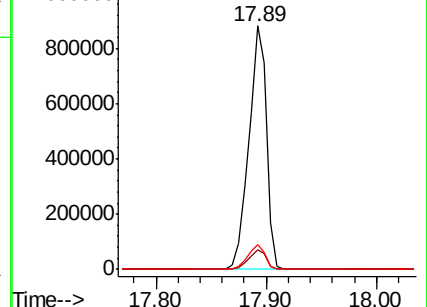
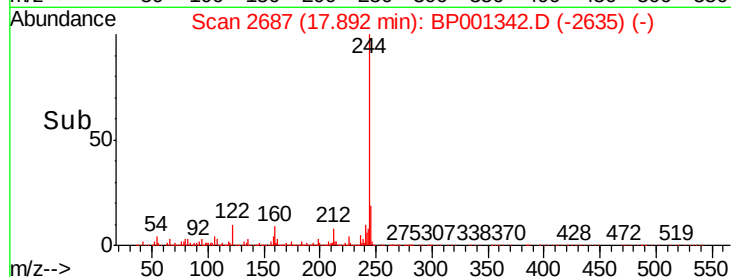
122 10.4 7.6 11.4



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: 47.235 ng

RT: 18.55 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

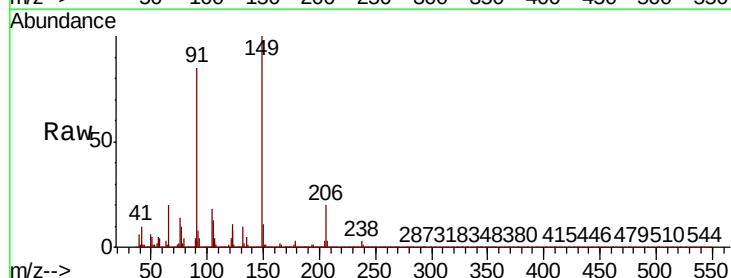
Tgt Ion:149 Resp: 276760

Ion Ratio Lower Upper

149 100

91 84.9 65.2 97.8

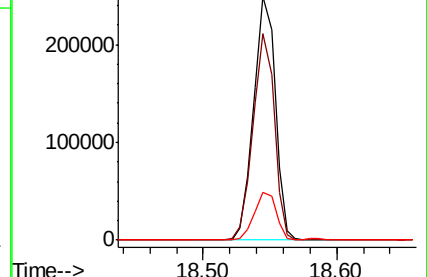
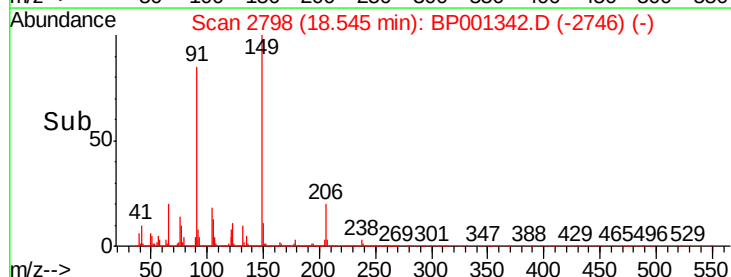
206 19.7 15.6 23.4

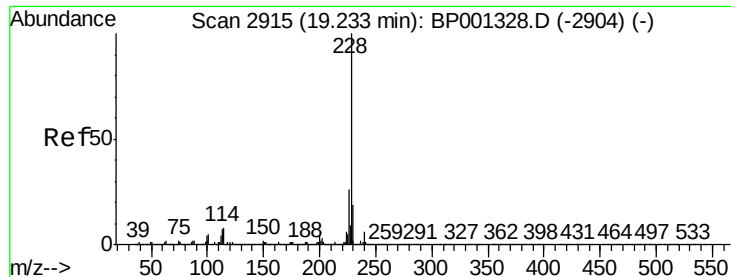


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.506 ng

RT: 19.25 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

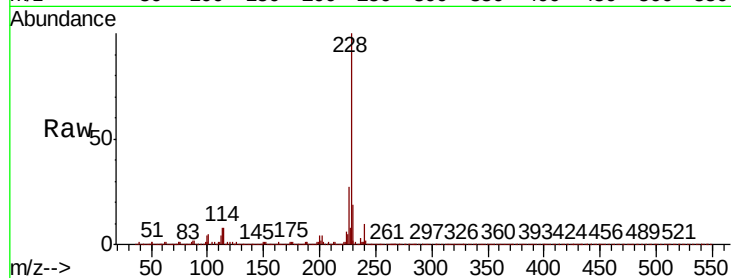
Tot Ion:228 Resp: 572122

Ion Ratio Lower Upper

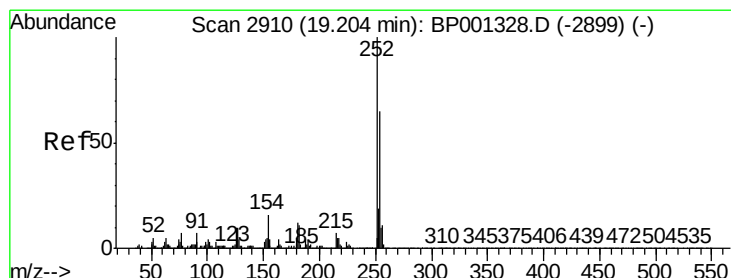
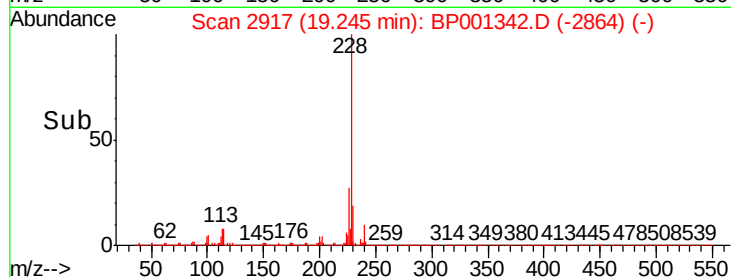
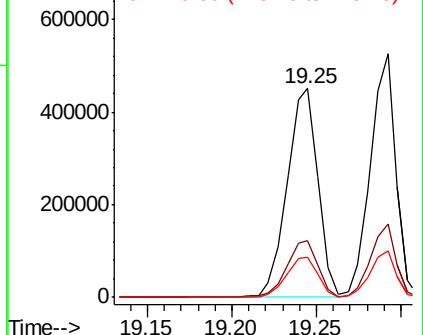
228 100

226 27.1 21.2 31.8

229 19.0 15.4 23.0



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: 30.416 ng

RT: 19.21 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

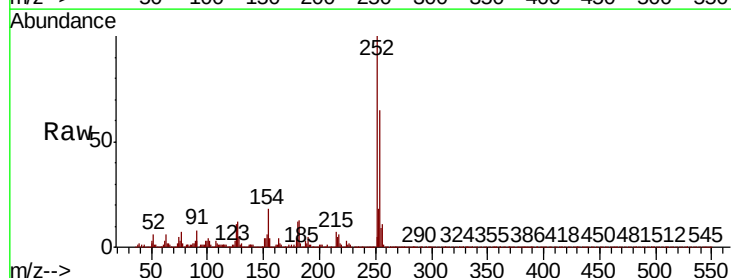
Tgt Ion:252 Resp: 124573

Ion Ratio Lower Upper

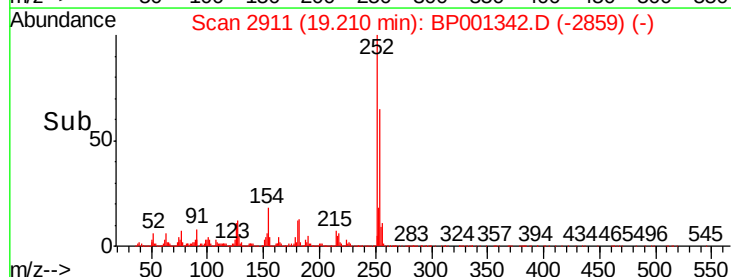
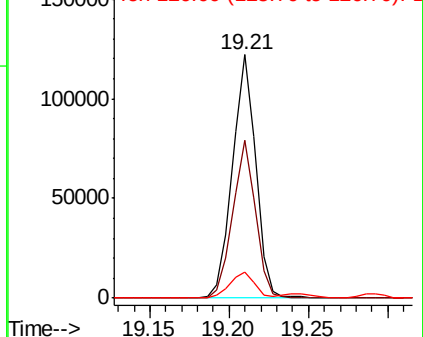
252 100

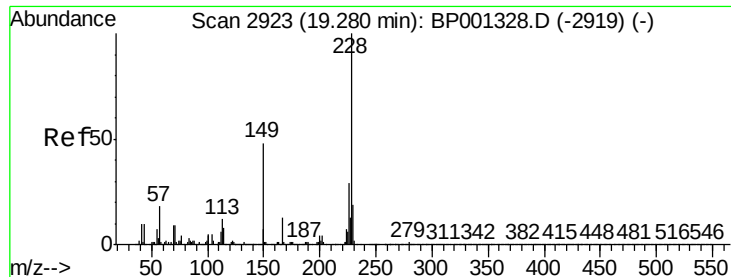
254 64.8 51.8 77.8

126 10.9 8.2 12.2



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: 48.364 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

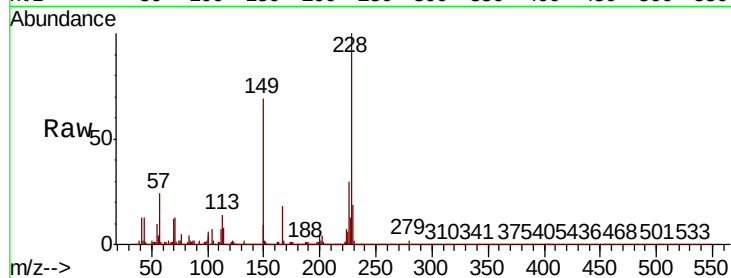
Tot Ion:228 Resp: 550608

Ion Ratio Lower Upper

228 100

226 30.1 23.1 34.7

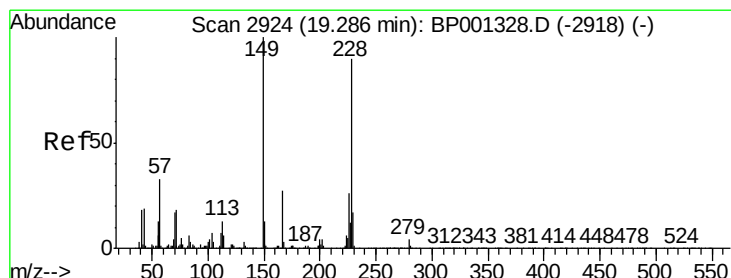
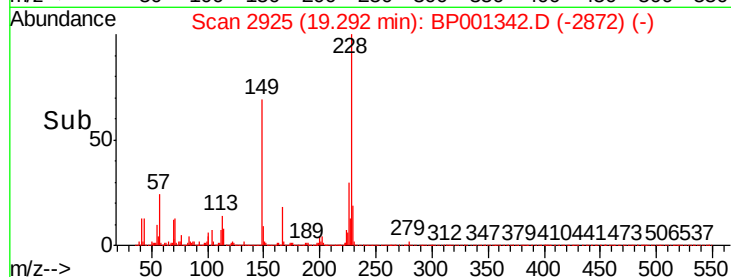
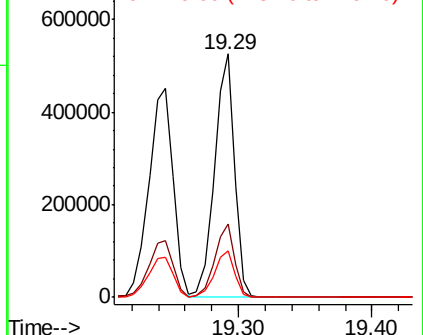
229 19.1 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.102 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

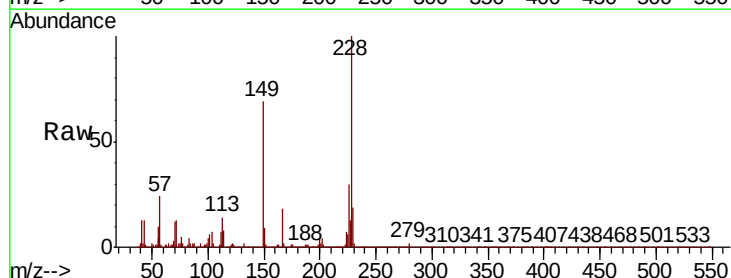
Tgt Ion:149 Resp: 387774

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

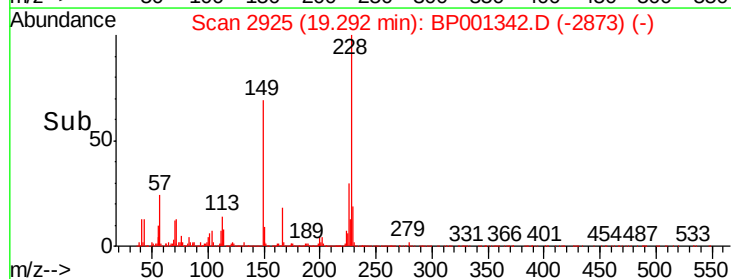
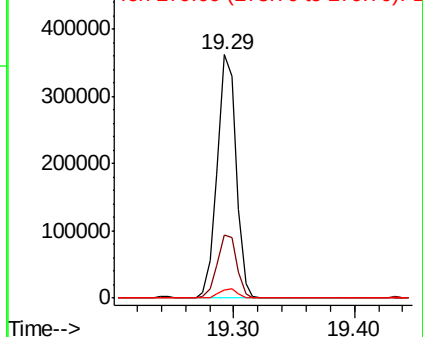
279 3.3 3.0 4.4

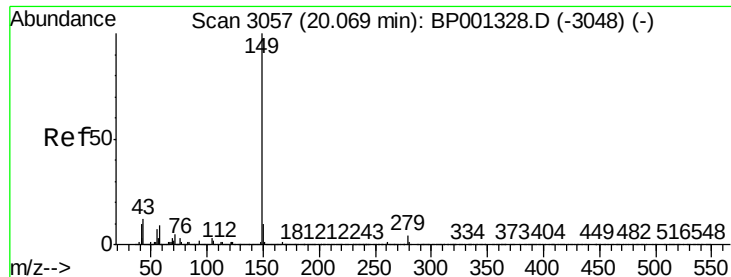


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.679 ng

RT: 20.08 min Scan# 3059

Delta R.T. 0.01 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

Instrument :

BNA_P

ClientSampleId :

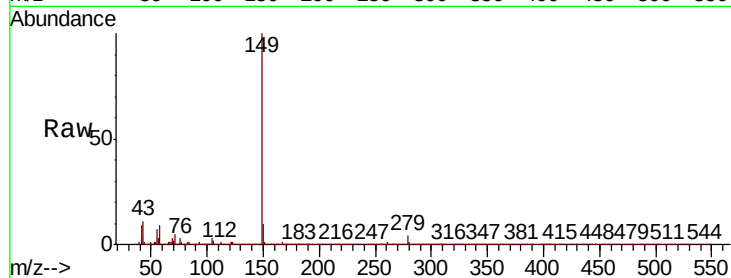
Tot Ion:149 Resp: 650927

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

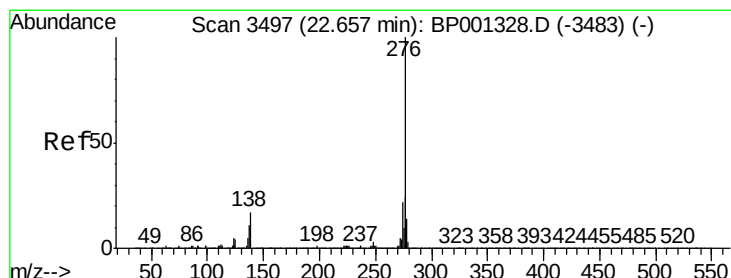
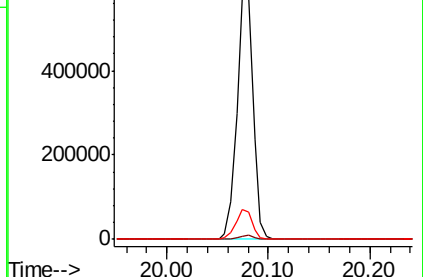
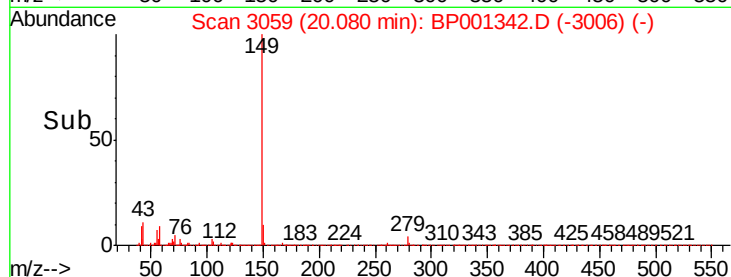
43 12.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.941 ng

RT: 22.68 min Scan# 3501

Delta R.T. 0.02 min

Lab File: BP001342.D

Acq: 20 Dec 2019 14:46

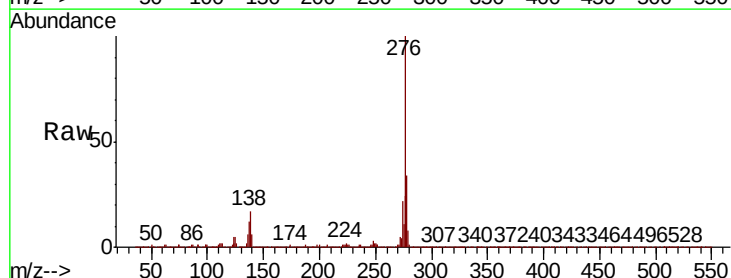
Tgt Ion:276 Resp: 564870

Ion Ratio Lower Upper

276 100

138 19.6 15.8 23.6

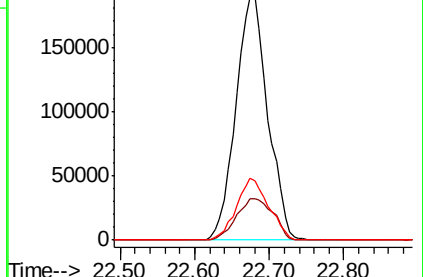
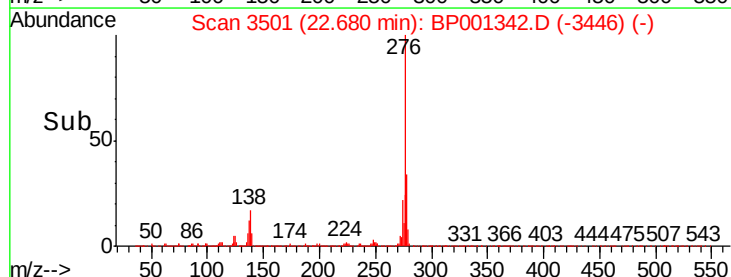
277 25.5 20.2 30.4

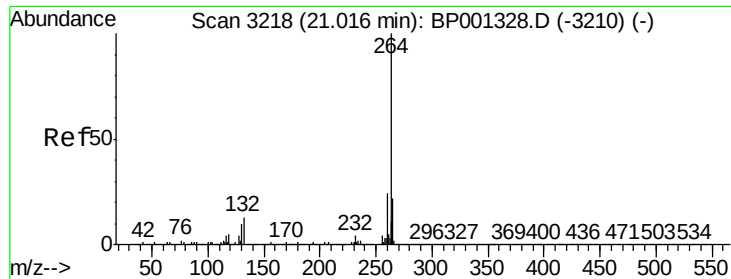


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

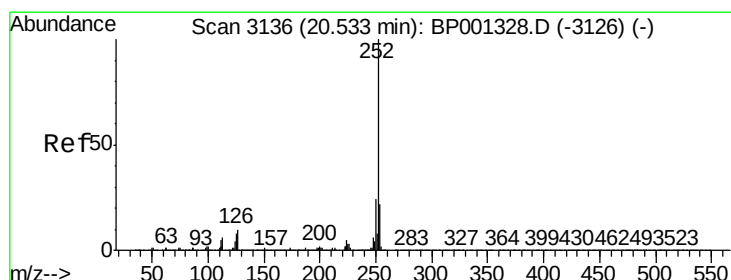
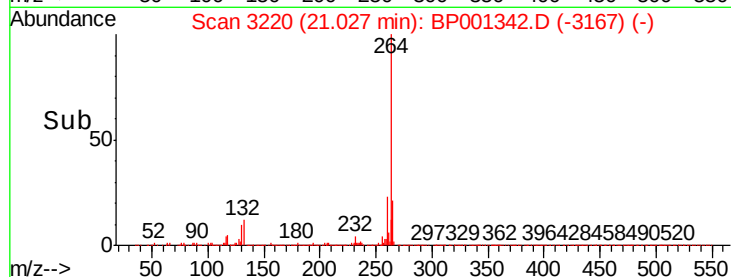
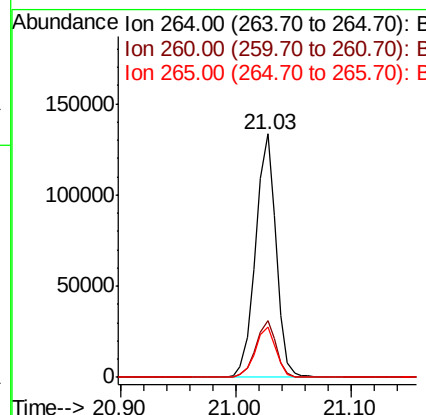
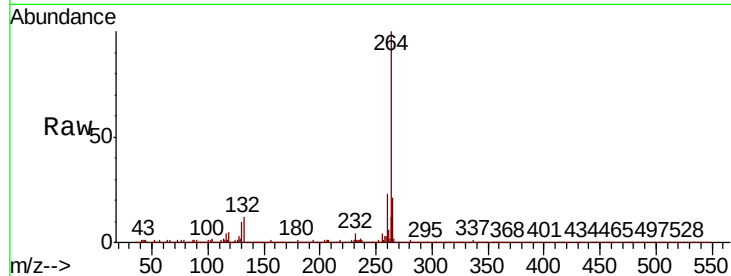




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

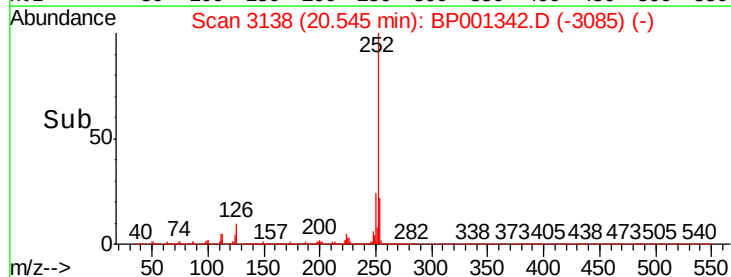
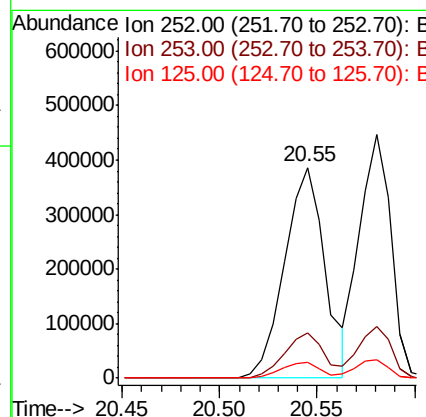
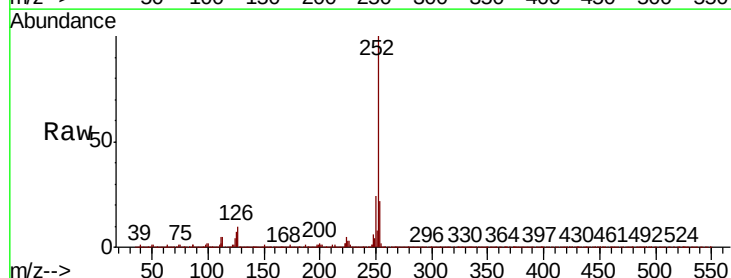
Instrument :
BNA_P
ClientSampleId :

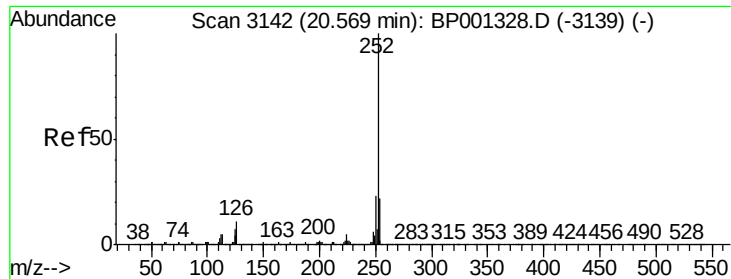
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 51.245 ng
RT: 20.55 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	7.3	6.3	9.5

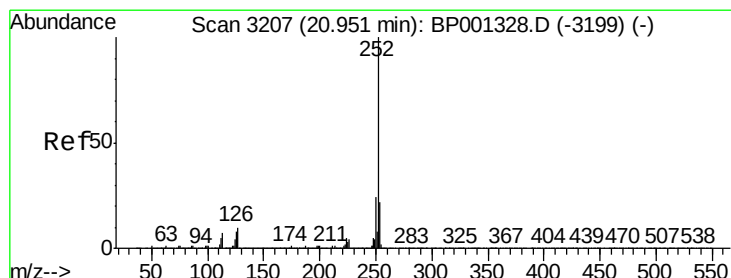
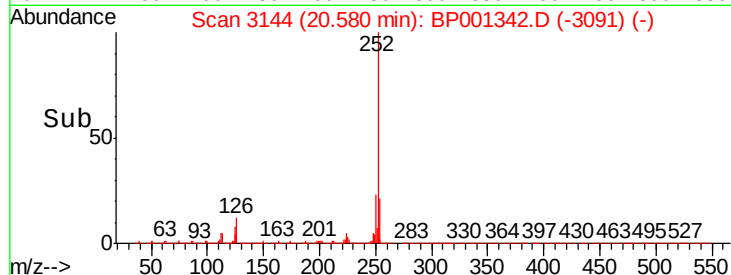
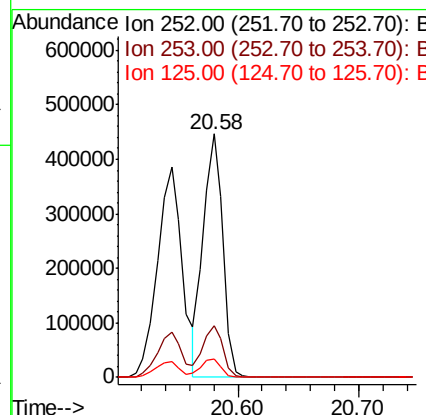
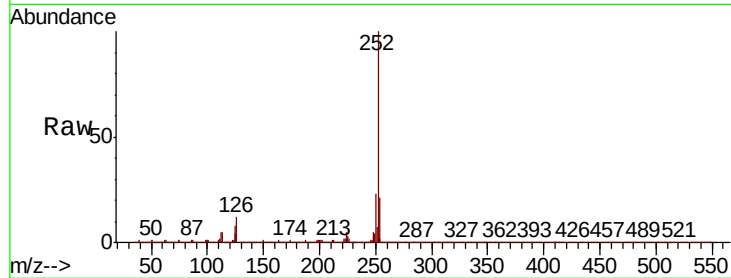




#89
Benzo(k)fluoranthene
Concen: 48.683 ng
RT: 20.58 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

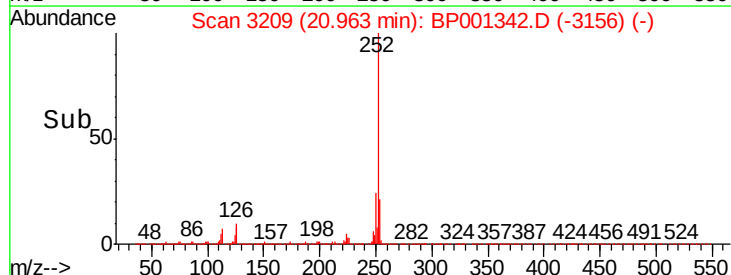
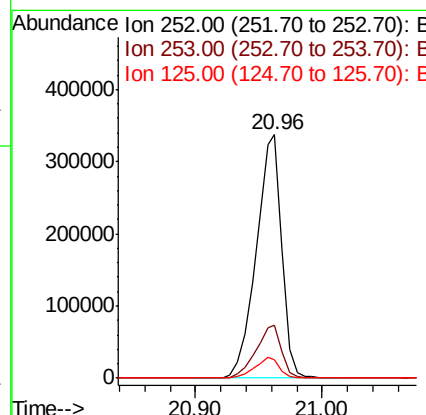
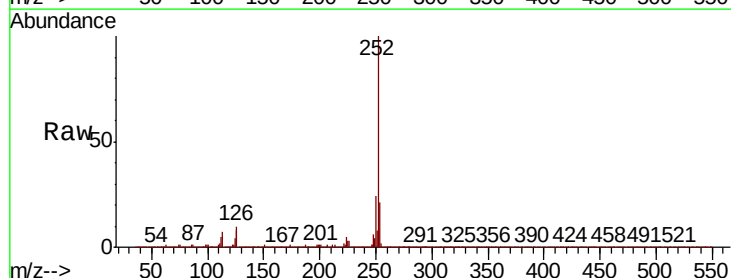
Instrument :
BNA_P
ClientSampled :

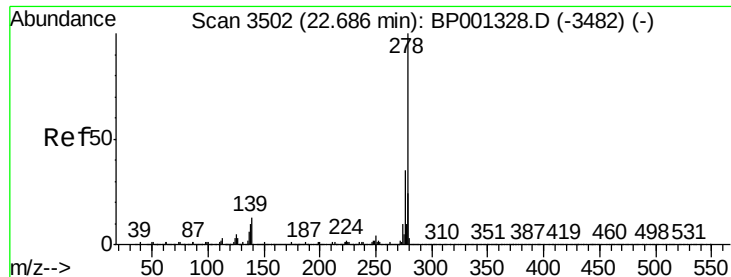
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	7.6	5.9	8.9



#90
Benzo(a)pyrene
Concen: 48.110 ng
RT: 20.96 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	7.8	6.3	9.5

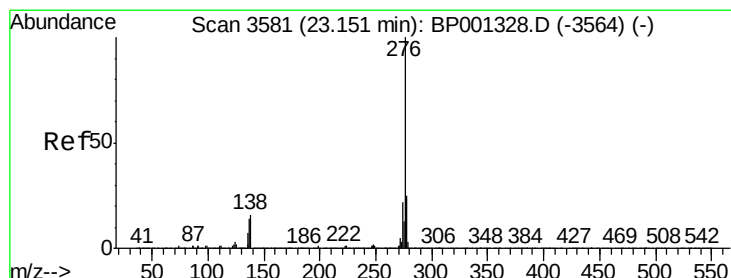
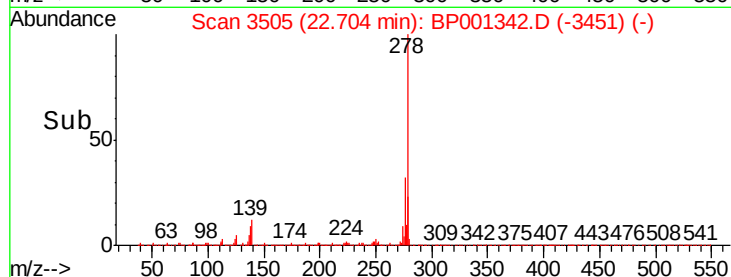
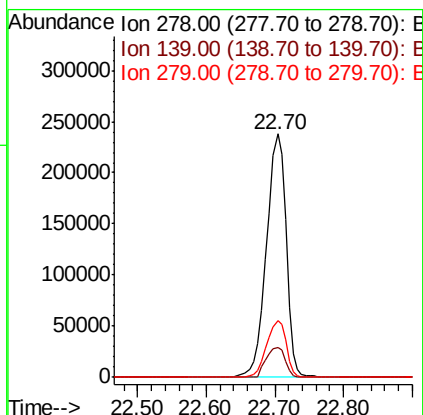
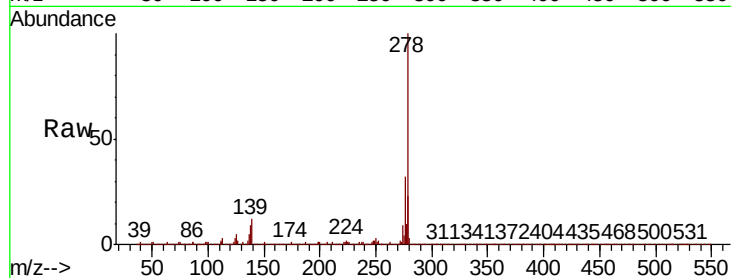




#91
Dibenzo(a,h)anthracene
Concen: 49.458 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.02 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.3	15.5
279	23.2	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 51.299 ng
RT: 23.17 min Scan# 3585
Delta R.T. 0.02 min
Lab File: BP001342.D
Acq: 20 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	15.9	12.6	18.8

