

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001395.D
 Acq On : 24 Dec 2019 19:34
 Operator : JU
 Sample : K6372-14MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:57:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	50293	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	182584	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	106099	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	197198	20.00	ng	0.00
76) Chrysene-d12	19.23	240	141079	20.00	ng	0.00
87) Perylene-d12	21.00	264	138660	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	185482	59.61	ng	0.00
7) Phenol-d6	7.76	99	154400	38.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	407950	85.80	ng	0.01
42) 2,4,6-Tribromophenol	14.49	330	190319	143.48	ng	0.01
45) 2-Fluorobiphenyl	12.10	172	789921	94.14	ng	0.00
79) Terphenyl-d14	17.87	244	843376	102.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	20332	15.876	ng	95
3) Pyridine	3.42	79	35620	10.182	ng	94
4) n-Nitrosodimethylamine	3.31	42	47824	21.589	ng	# 97
6) Aniline	7.77	93	76450	14.956	ng	87
8) 2-Chlorophenol	7.96	128	126108	40.310	ng	98
9) Benzaldehyde	7.59	77	164798	57.856	ng	97
10) Phenol	7.78	94	72637	15.656	ng	98
11) bis(2-Chloroethyl)ether	7.90	93	151105	46.037	ng	98
12) 1,3-Dichlorobenzene	8.19	146	152483	39.131	ng	99
13) 1,4-Dichlorobenzene	8.32	146	156084	39.315	ng	99
14) 1,2-Dichlorobenzene	8.56	146	155449	41.101	ng	95
15) Benzyl Alcohol	8.53	79	123336	32.371	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	212779	40.933	ng	99
17) 2-Methylphenol	8.73	107	89928	32.530	ng	96
18) Hexachloroethane	9.09	117	70612	41.810	ng	# 15
19) n-Nitroso-di-n-propylamine	8.97	70	136892	47.489	ng	99
20) 3+4-Methylphenols	8.98	107	107309	29.252	ng	98
22) Acetophenone	8.94	105	360485	62.435	ng	# 94
24) Nitrobenzene	9.21	77	225387	48.163	ng	97
25) Isophorone	9.60	82	355623	46.516	ng	98
26) 2-Nitrophenol	9.72	139	79810	47.828	ng	95
27) 2,4-Dimethylphenol	9.82	122	126217	51.427	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	201103	44.042	ng	98
29) 2,4-Dichlorophenol	10.12	162	137322	45.188	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	153104	40.959	ng	98
31) Naphthalene	10.37	128	1010004	101.338	ng	100
32) Benzoic acid	9.99	122	15262	11.909	ng	# 1
33) 4-Chloroaniline	10.45	127	30022	7.366	ng	# 91
34) Hexachlorobutadiene	10.58	225	98490	37.776	ng	94
36) 4-Chloro-3-methylphenol	11.28	107	141601	39.873	ng	98
37) 2-Methylnaphthalene	11.49	142	355858	51.718	ng	98
38) 1-Methylnaphthalene	11.49	142	355858	55.011	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	179351	45.718	ng	# 97
41) Hexachlorocyclopentadiene	11.76	237	162045	83.516	ng	99

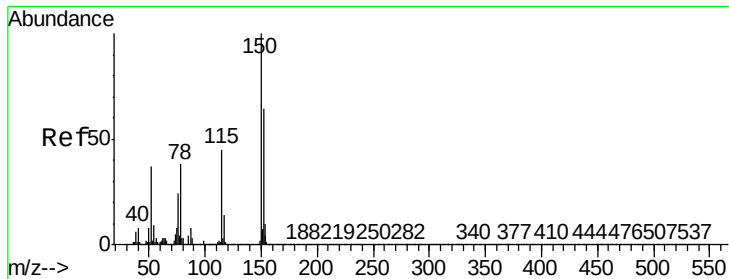
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	11.96	196	114537	47.474	ng	97
44) 2,4,5-Trichlorophenol	12.02	196	116609	47.041	ng	94
46) 1,1'-Biphenyl	12.26	154	419918	47.295	ng	99
47) 2-Chloronaphthalene	12.28	162	323276	45.039	ng	99
48) 2-Nitroaniline	12.46	65	115627	40.230	ng	98
49) Acenaphthylene	12.96	152	484405	46.167	ng	99
50) Dimethylphthalate	12.79	163	405421	46.577	ng	98
51) 2,6-Dinitrotoluene	12.87	165	82599	46.734	ng	# 80
52) Acenaphthene	13.25	154	290208	45.906	ng	99
53) 3-Nitroaniline	13.13	138	15430	8.134	ng	94
54) 2,4-Dinitrophenol	13.31	184	54799	80.295	ng	85
55) Dibenzofuran	13.53	168	475793	48.035	ng	100
56) 4-Nitrophenol	13.45	139	43857	32.332	ng	88
57) 2,4-Dinitrotoluene	13.53	165	112406	45.758	ng	# 90
58) Fluorene	14.09	166	380456	48.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.74	232	98153	46.119	ng	# 91
60) Diethylphthalate	13.95	149	400208	44.578	ng	99
61) 4-Chlorophenyl-phenylether	14.10	204	199649	47.940	ng	97
62) 4-Nitroaniline	12.46	138	91505	41.654	ng	89
63) Azobenzene	14.36	77	424280	44.890	ng	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	48347	54.742	ng	79
66) n-Nitrosodiphenylamine	14.30	169	316449	50.618	ng	99
67) 4-Bromophenyl-phenylether	14.90	248	115514	49.545	ng	94
68) Hexachlorobenzene	14.99	284	126486	47.655	ng	94
69) Atrazine	15.20	200	102301	45.556	ng	98
70) Pentachlorophenol	15.31	266	138008	101.391	ng	96
71) Phenanthrene	15.62	178	530360	47.140	ng	99
72) Anthracene	15.70	178	545107	48.943	ng	99
73) Carbazole	15.95	167	465236	46.853	ng	99
74) Di-n-butylphthalate	16.50	149	627108	46.021	ng	100
75) Fluoranthene	17.33	202	553100	43.966	ng	100
77) Benzidine	17.52	184	57074	13.895	ng	99
78) Pyrene	17.64	202	547119	49.947	ng	100
80) Butylbenzylphthalate	18.52	149	241778	47.345	ng	90
81) Benzo(a)anthracene	19.22	228	479514	46.645	ng	99
82) 3,3'-Dichlorobenzidine	19.19	252	83979	23.525	ng	100
83) Chrysene	19.27	228	467775	47.142	ng	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	378742	50.542	ng	99
85) Di-n-octyl phthalate	20.05	149	599947	48.304	ng	97
86) Indeno(1,2,3-cd)pyrene	22.63	276	460540	42.975	ng	97
88) Benzo(b)fluoranthene	20.52	252	443623	48.716	ng	99
89) Benzo(k)fluoranthene	20.55	252	409028	47.153	ng	# 98
90) Benzo(a)pyrene	20.93	252	379844	45.789	ng	# 99
91) Dibenzo(a,h)anthracene	22.66	278	390651	48.164	ng	97
92) Benzo(g,h,i)perylene	23.12	276	375566	48.458	ng	98

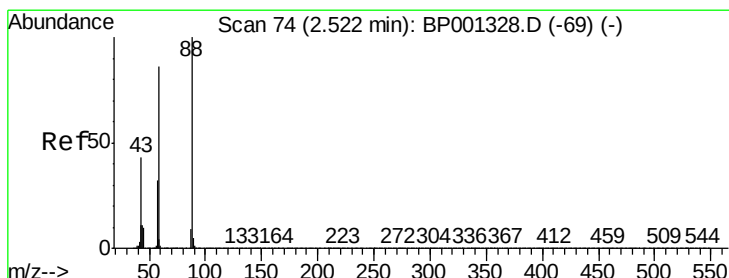
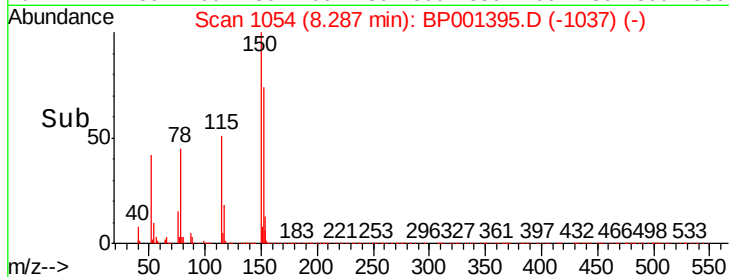
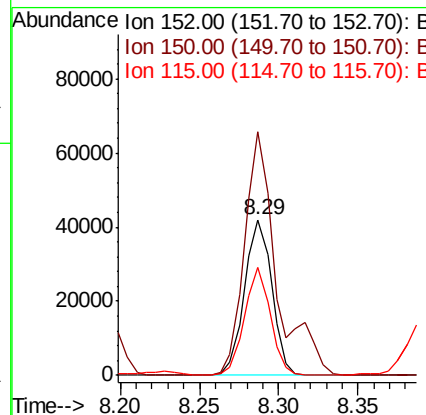
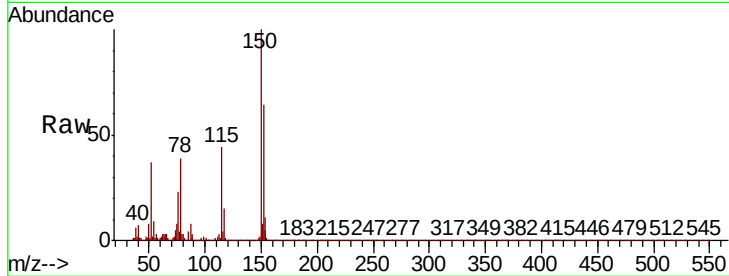
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

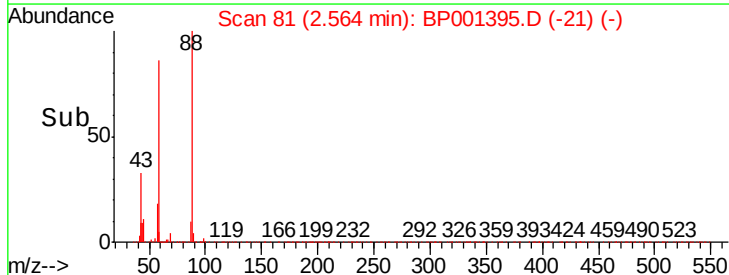
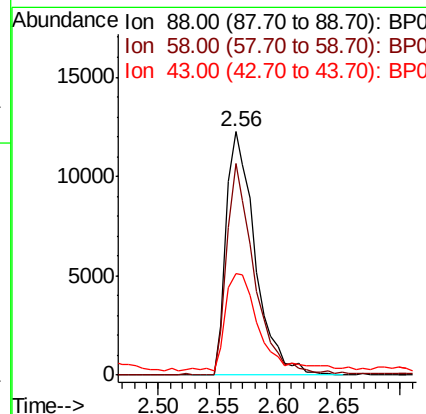
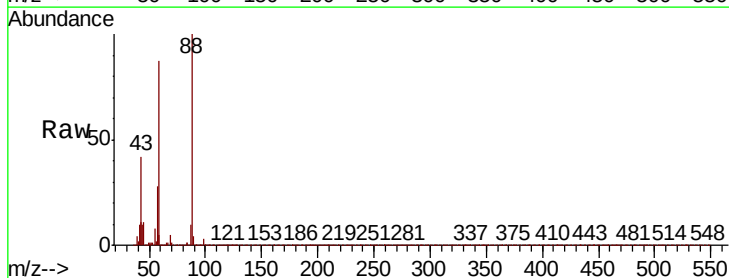
Instrument :
BNA_P
ClientSampleId :

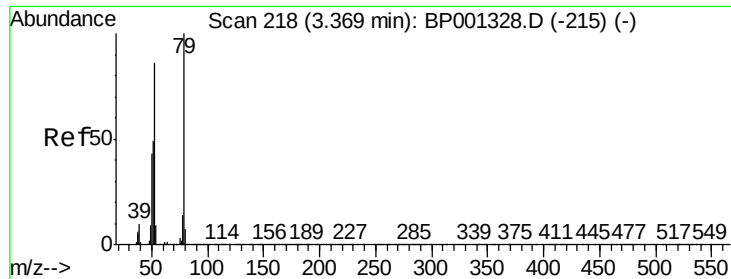
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.0	190.6
115	68.9	56.1	84.1



#2
1,4-Dioxane
Concen: 15.876 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.05 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	66.9	100.3
43	46.9	32.9	49.3

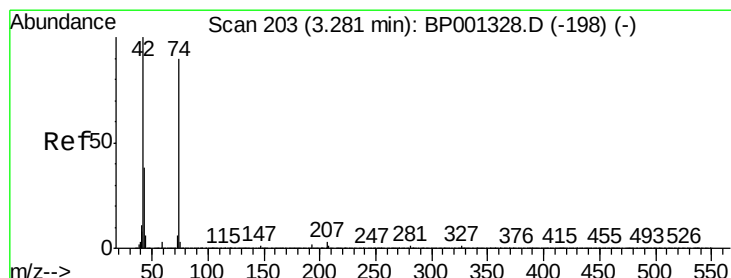
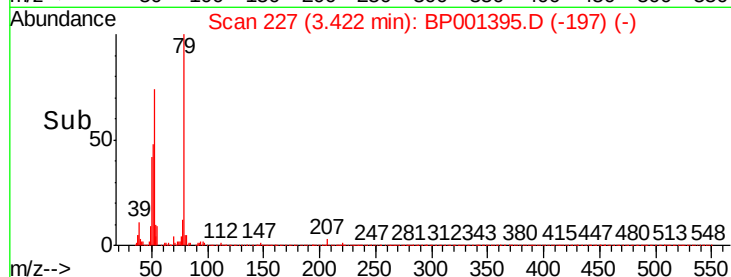
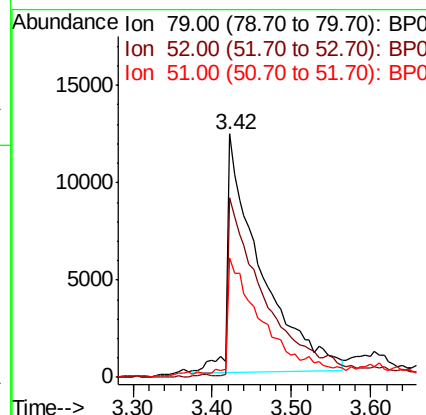
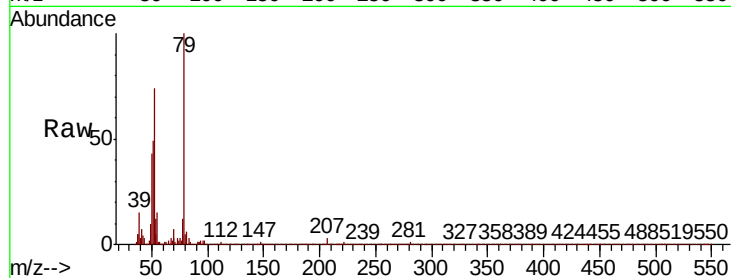




#3
 Pvridine
 Concen: 10.182 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.08 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

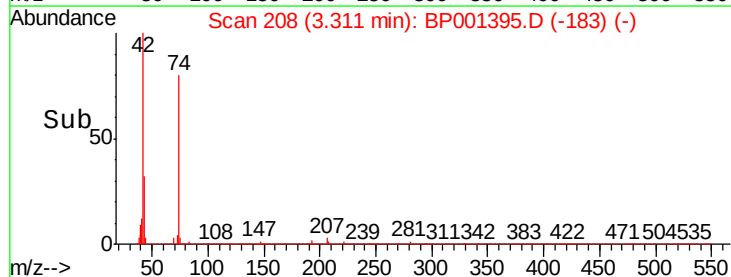
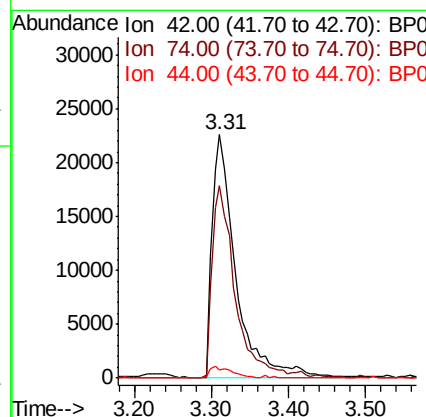
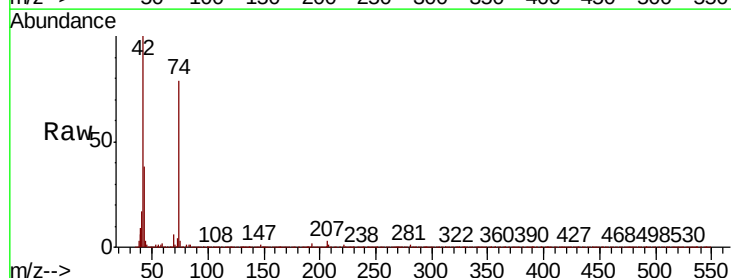
Instrument :
 BNA_P
 ClientSampleId :

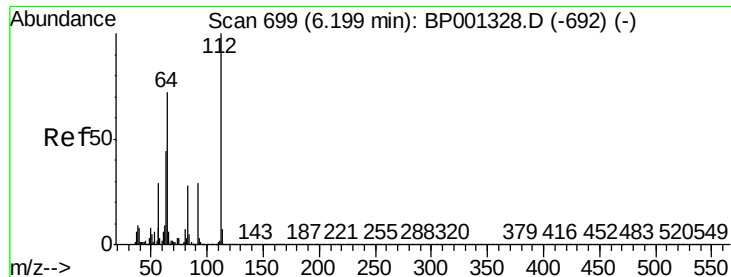
Tot Ion: 79 Resp: 35620
 Ion Ratio Lower Upper
 79 100
 52 73.8 64.6 96.8
 51 48.9 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 21.589 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.05 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion: 42 Resp: 47824
 Ion Ratio Lower Upper
 42 100
 74 78.8 65.3 97.9
 44 3.2 3.8 5.6#





#5

2-Fluorophenol

Concen: 59.606 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001395.D

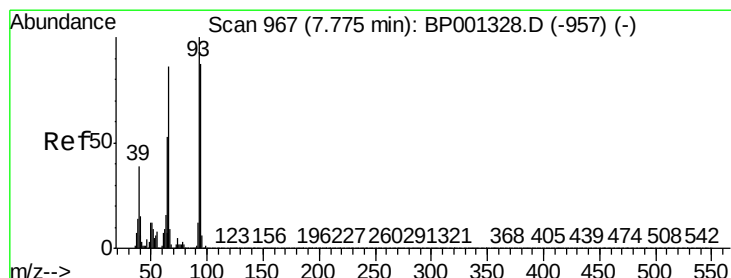
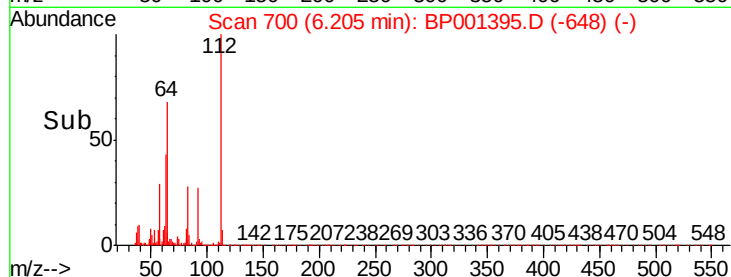
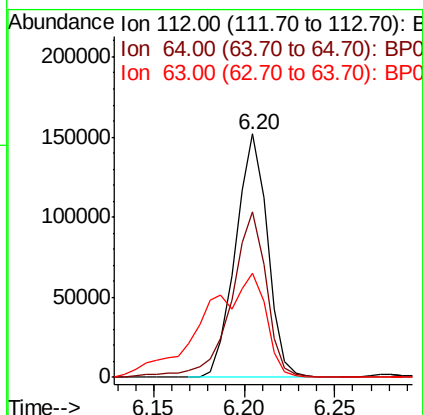
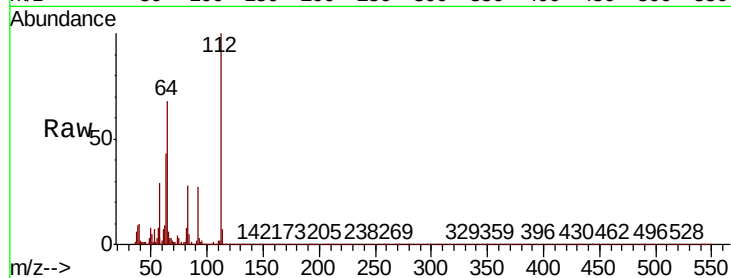
Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	185482
Ion Ratio	Lower	Upper	
112	100		
64	68.1	53.9	80.9
63	42.5	33.4	50.0



#6

Aniline

Concen: 14.956 ng

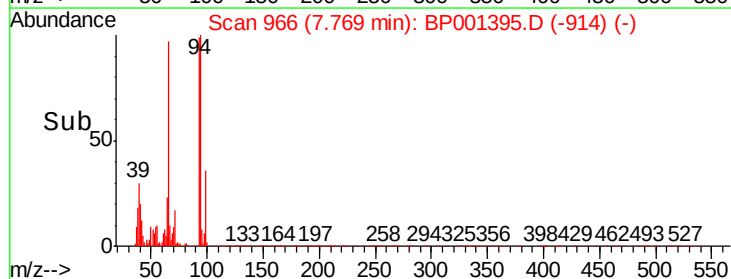
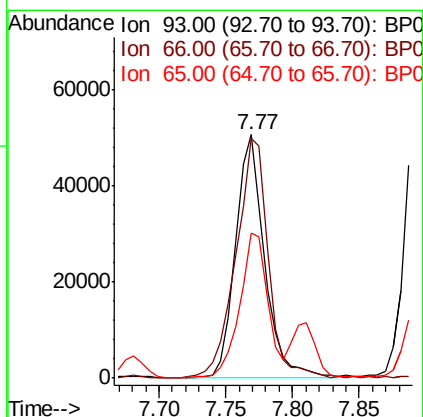
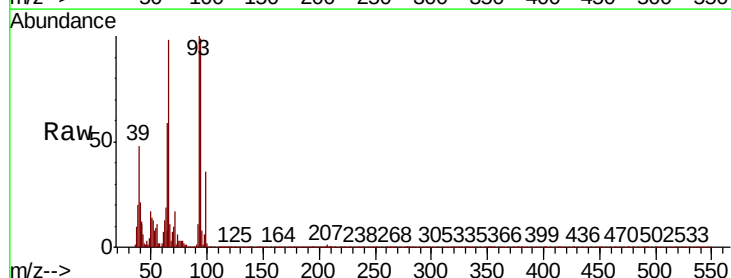
RT: 7.77 min Scan# 966

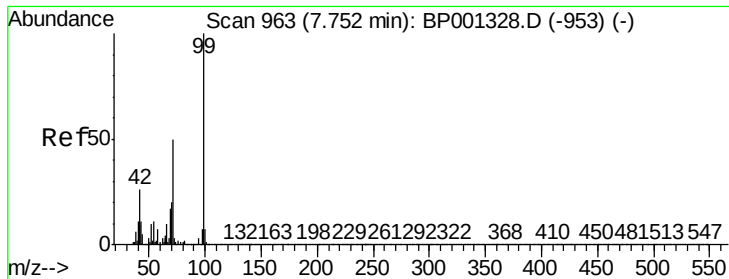
Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Tgt Ion:	93	Resp:	76450
Ion Ratio	Lower	Upper	
93	100		
66	98.5	69.0	103.6
65	59.3	41.1	61.7





#7

Phenol-d6

Concen: 38.025 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

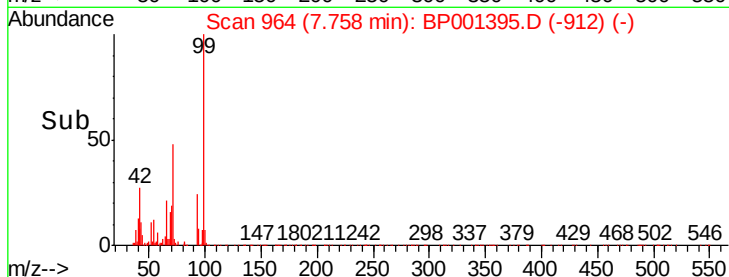
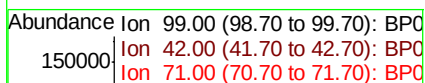
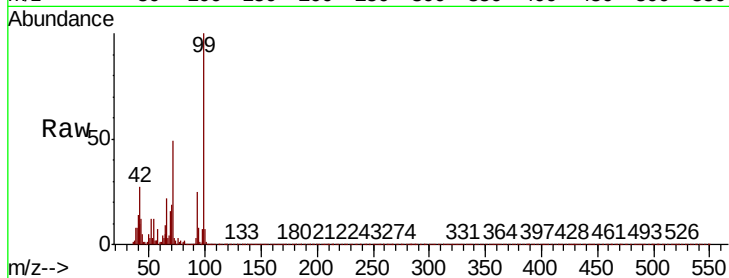
Instrument :

BNA_P

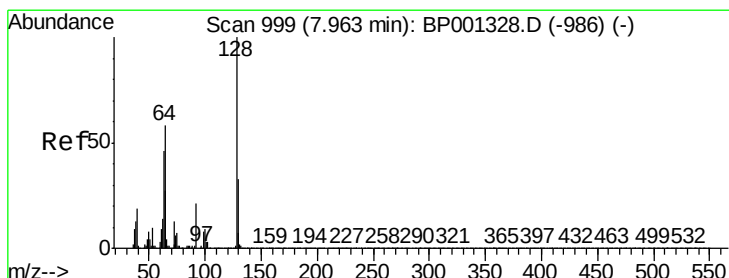
ClientSampleId :

Tot Ion: 99 Resp: 154400

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.8	31.2
71	48.6	38.2	57.4



Time-->



#8

2-Chlorophenol

Concen: 40.310 ng

RT: 7.96 min Scan# 998

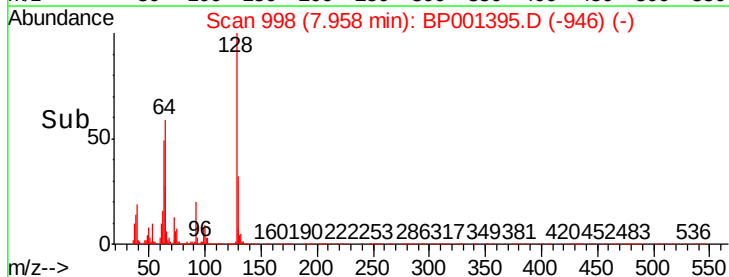
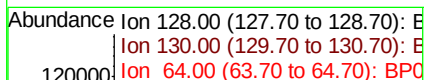
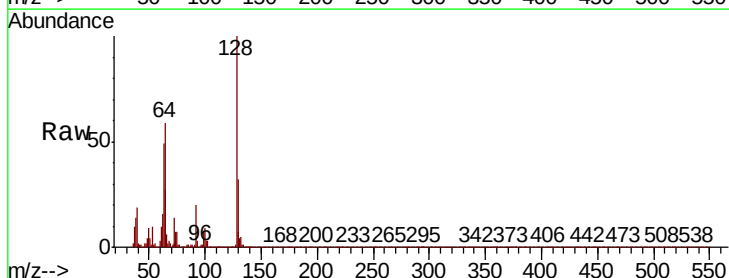
Delta R.T. 0.01 min

Lab File: BP001395.D

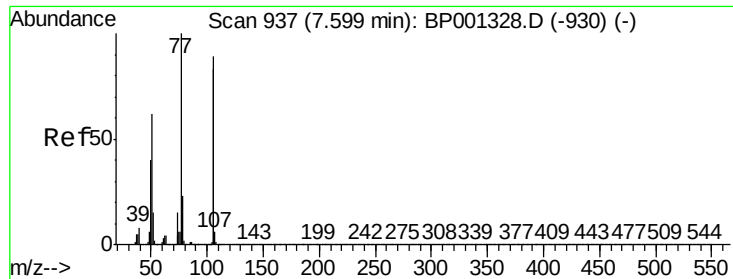
Acq: 24 Dec 2019 19:34

Tgt Ion: 128 Resp: 126108

Ion	Ratio	Lower	Upper
128	100		
130	31.8	10.7	50.7
64	59.1	37.7	77.7



Time-->



#9

Benzaldehyde

Concen: 57.856 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampled :

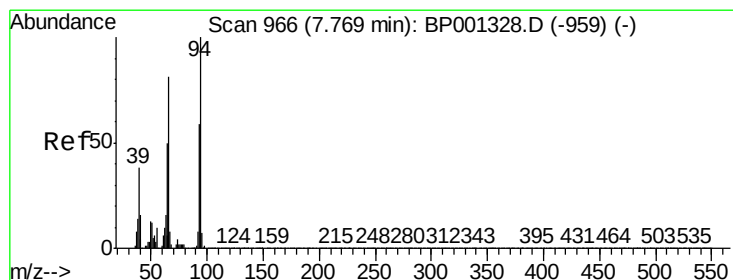
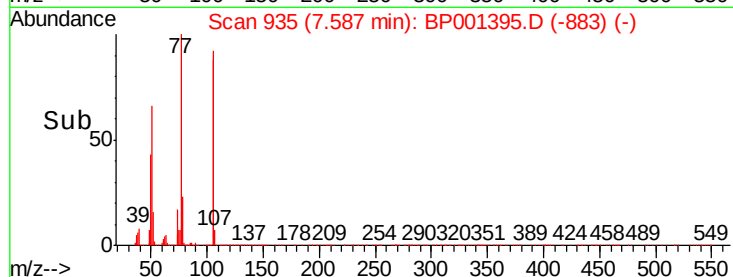
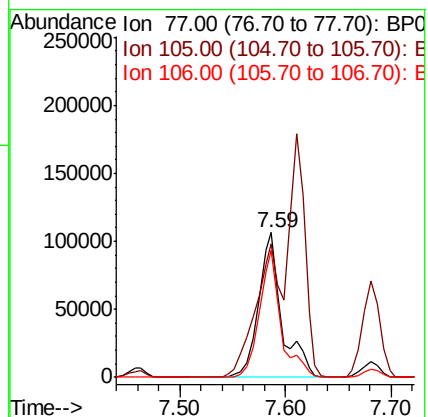
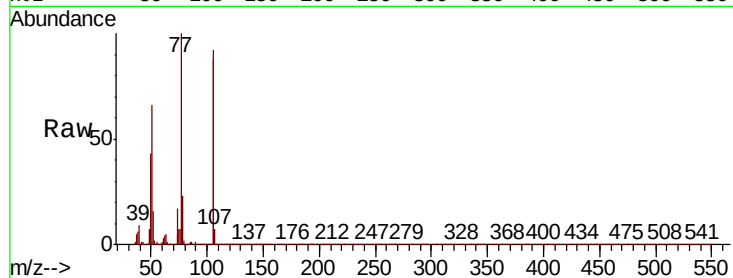
Tot Ion: 77 Resp: 164798

Ion Ratio Lower Upper

77 100

105 92.2 75.7 115.7

106 87.9 70.5 110.5



#10

Phenol

Concen: 15.656 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

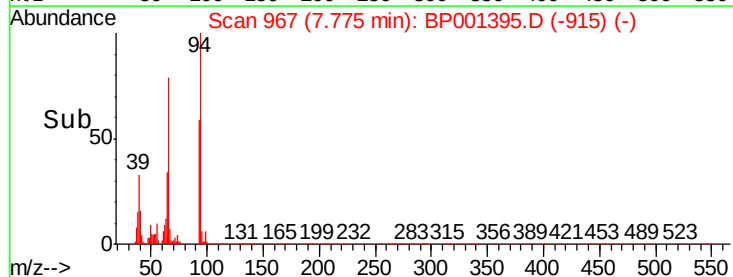
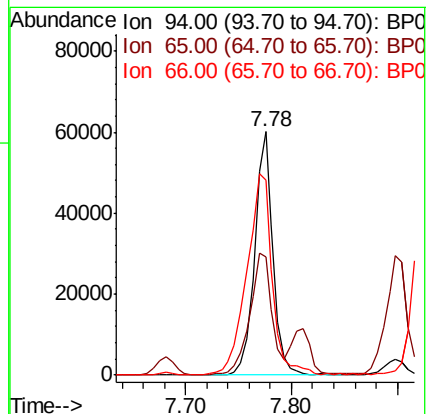
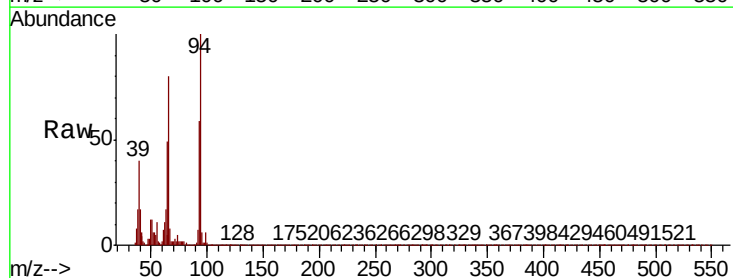
Tgt Ion: 94 Resp: 72637

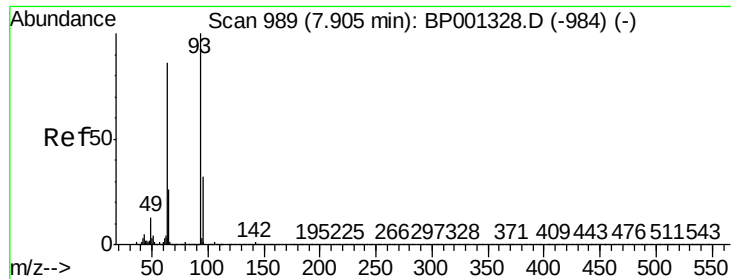
Ion Ratio Lower Upper

94 100

65 48.6 29.6 69.6

66 80.1 62.3 102.3

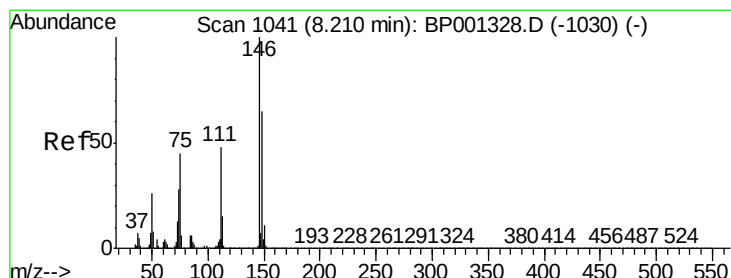
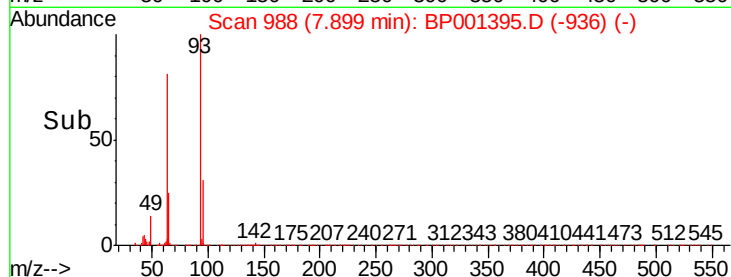
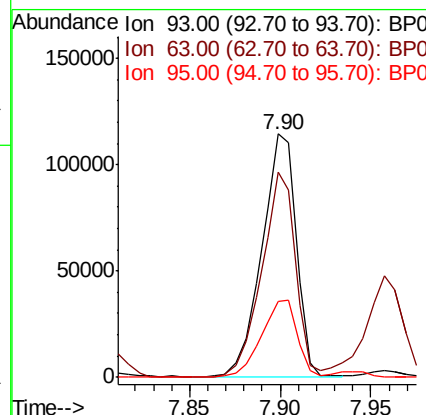
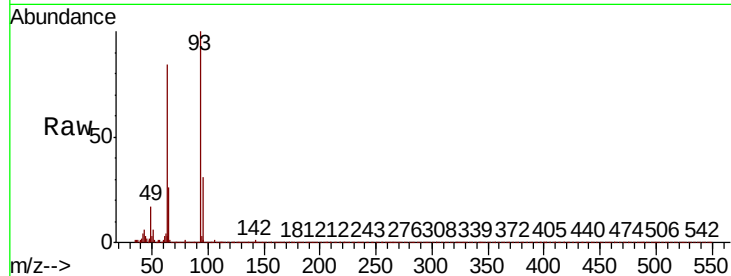




#11
bis(2-Chloroethyl)ether
Concen: 46.037 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

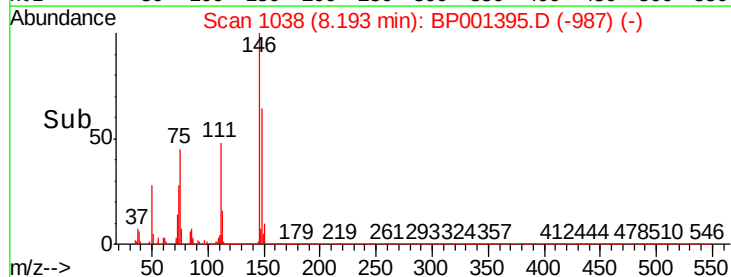
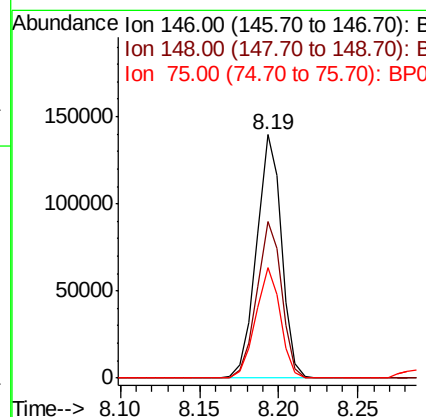
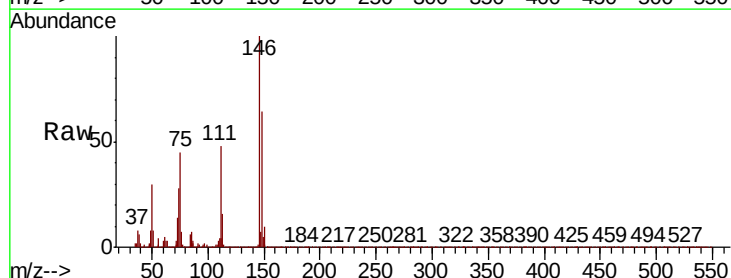
Instrument :
BNA_P
ClientSampleId :

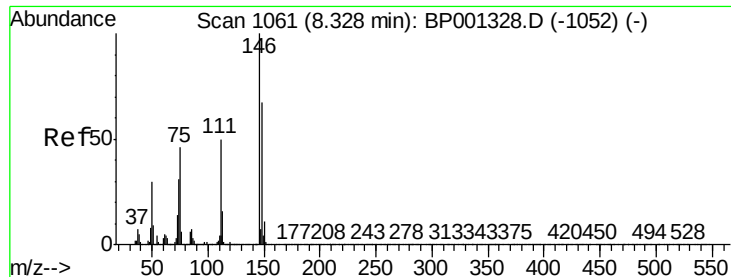
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	64.9	104.9
95	31.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 39.131 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
75	45.2	35.8	53.8

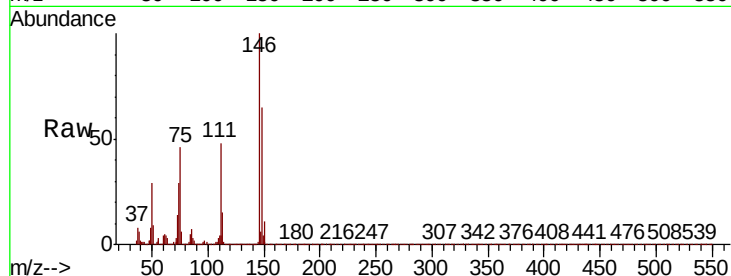




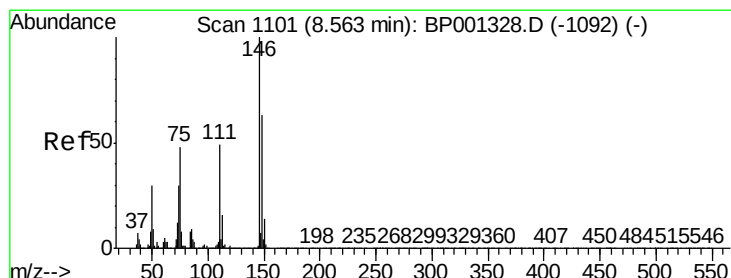
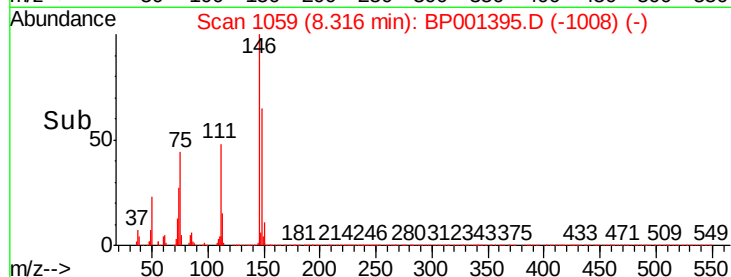
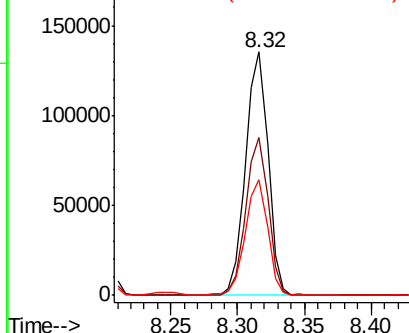
#13
1,4-Dichlorobenzene
Concen: 39.315 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	47.6	36.8	55.2

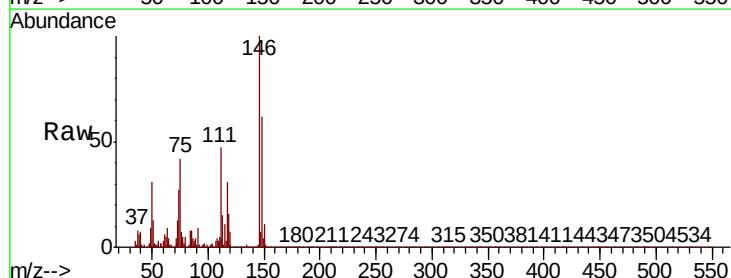


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

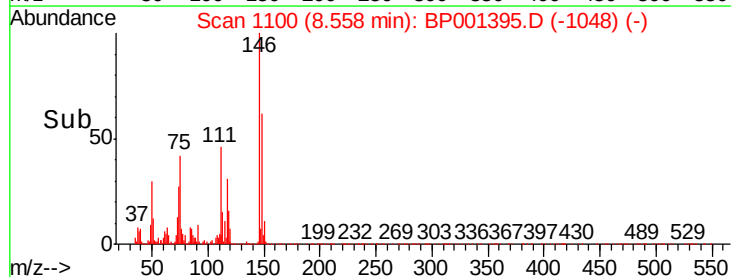
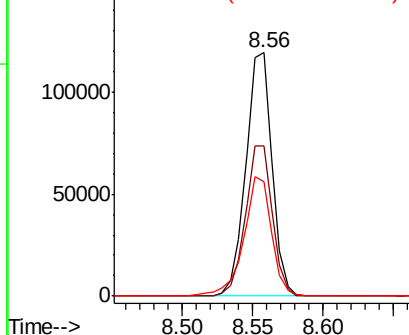


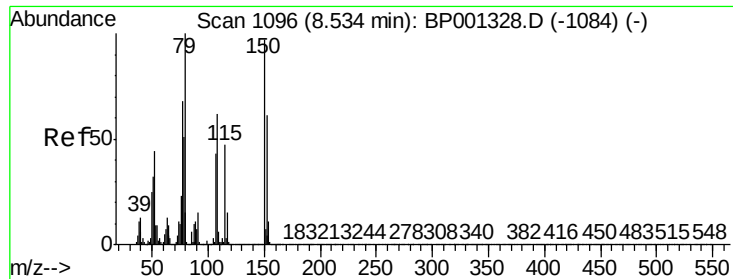
#14
1,2-Dichlorobenzene
Concen: 41.101 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.1	79.7
111	47.1	39.5	59.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

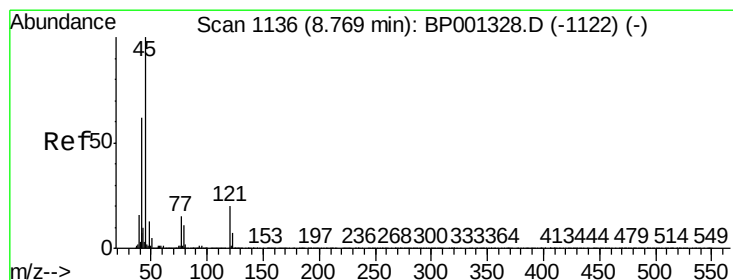
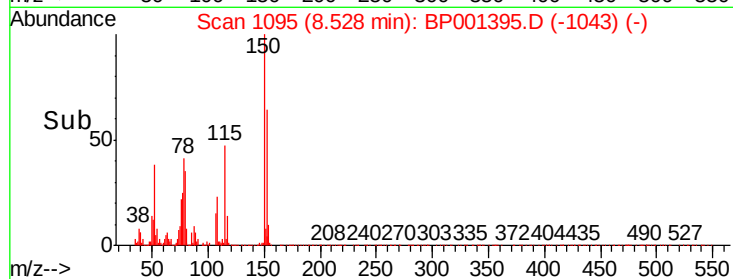
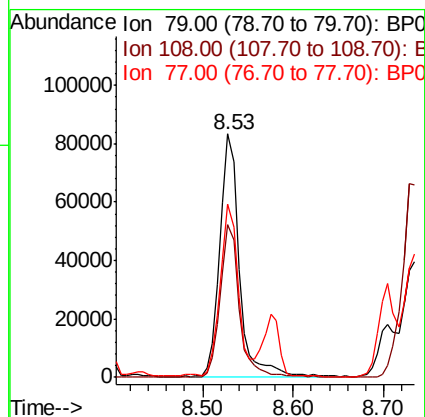
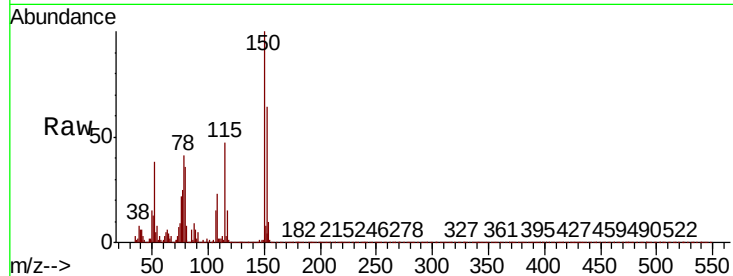




#15
Benzyl Alcohol
Concen: 32.371 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

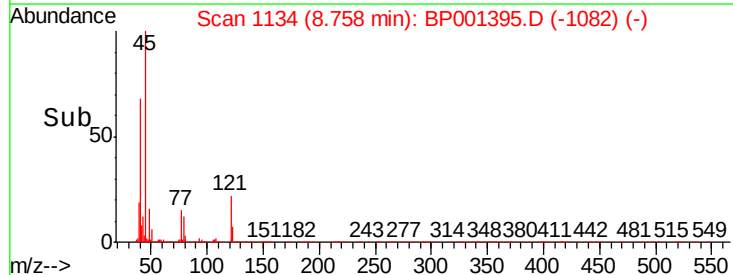
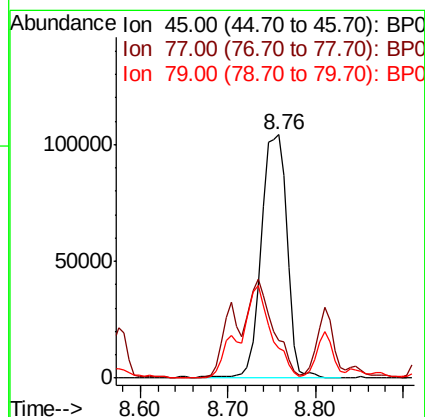
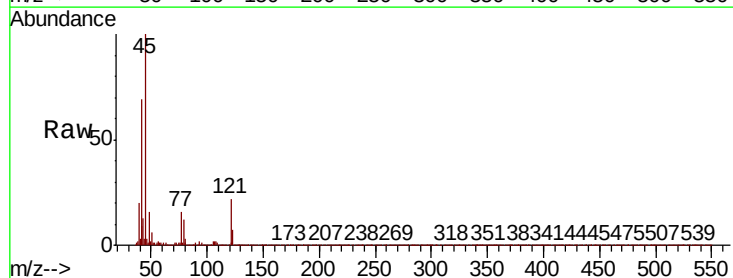
Instrument :
BNA_P
ClientSampleId :

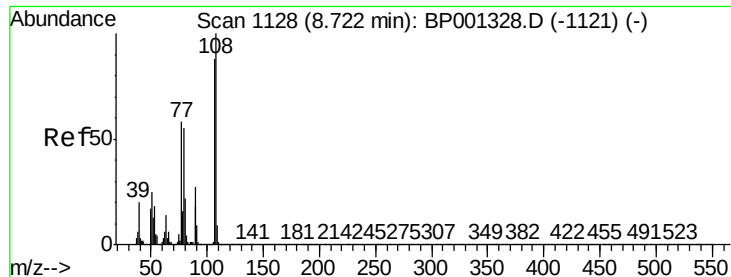
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.9	49.0	73.4
77	71.1	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.933 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.7
79	12.1	0.0	31.8

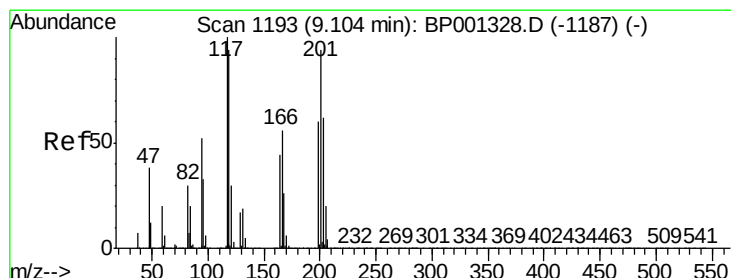
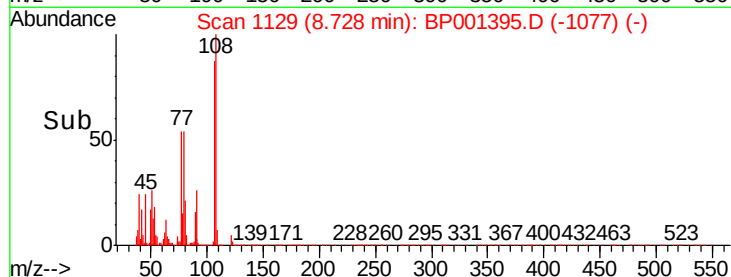
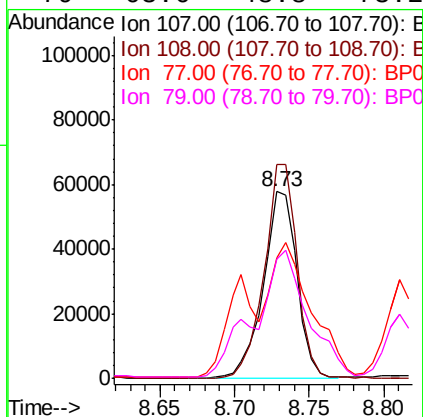
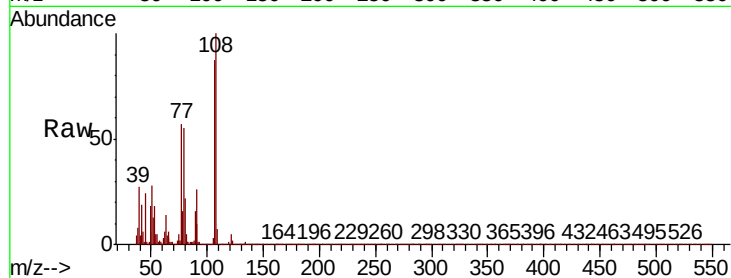




#17
2-Methylphenol
Concen: 32.530 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

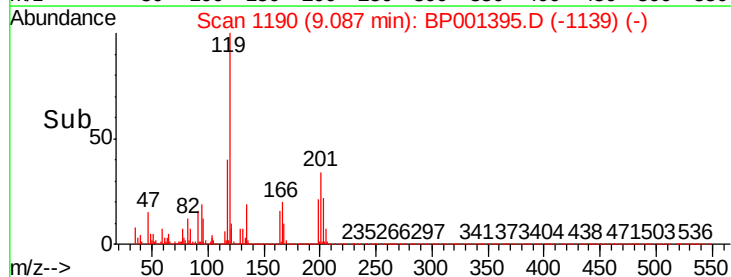
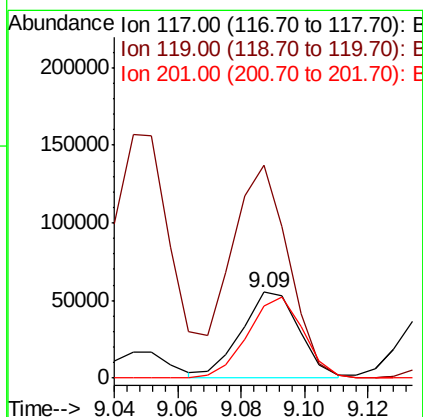
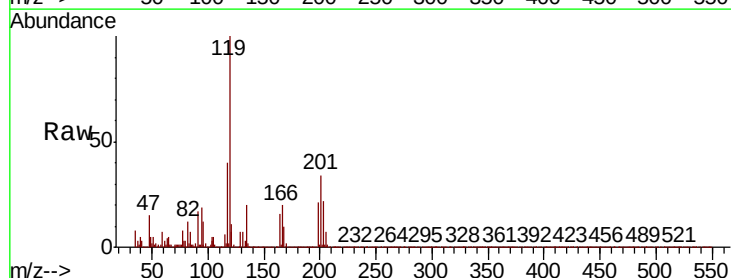
Instrument :
BNA_P
ClientSampleId :

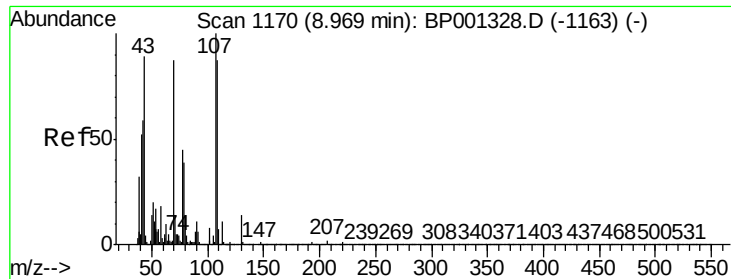
Tot Ion:	107	Resp:	89928
Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.8	133.2
77	64.8	48.9	73.3
79	63.6	48.8	73.2



#18
Hexachloroethane
Concen: 41.810 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:	117	Resp:	70612
Ion	Ratio	Lower	Upper
117	100		
119	248.8	75.8	113.6#
201	84.2	77.8	116.6

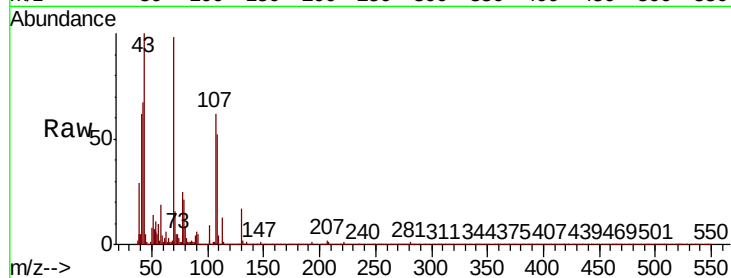




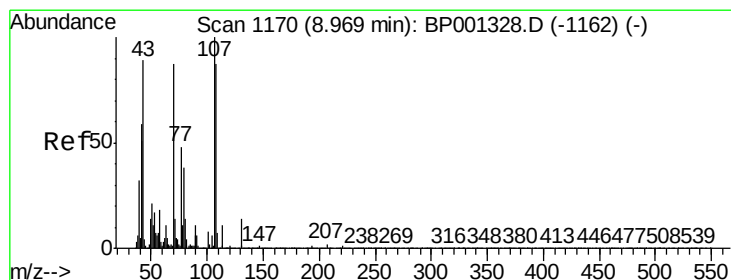
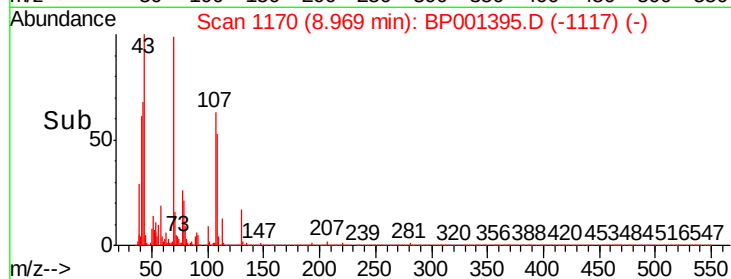
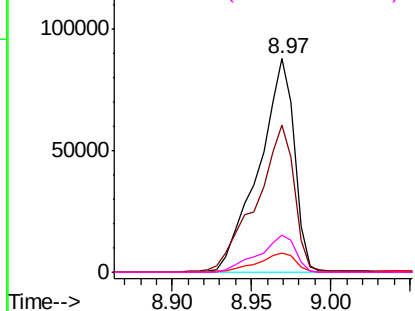
#19
n-Nitroso-di-n-propylamine
Concen: 47.489 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampled :

Tot Ion:	70	Resp:	136892
Ion	Ratio	Lower	Upper
70	100		
42	68.7	55.8	83.8
101	9.3	8.2	12.2
130	17.5	14.5	21.7

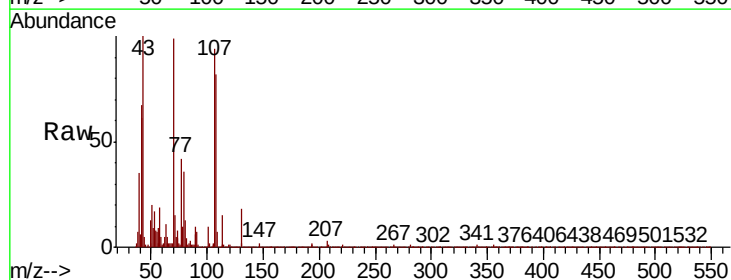


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

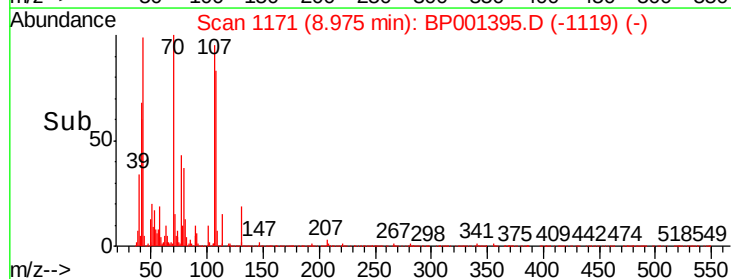
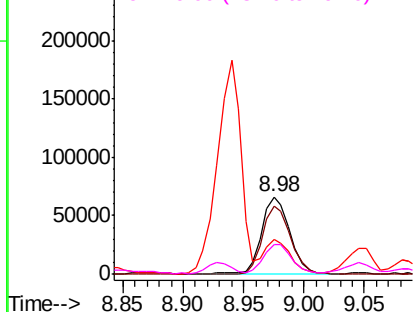


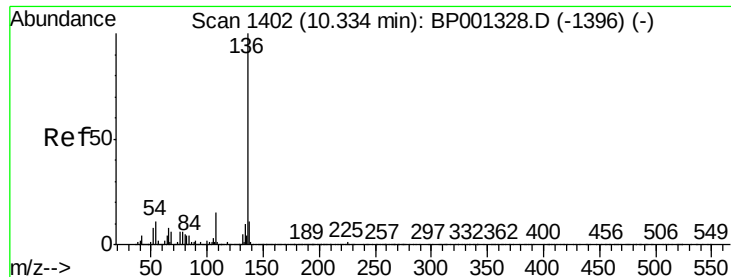
#20
3+4-Methylphenols
Concen: 29.252 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:	107	Resp:	107309
Ion	Ratio	Lower	Upper
107	100		
108	87.2	70.4	110.4
77	45.1	24.5	64.5
79	38.7	18.8	58.8



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

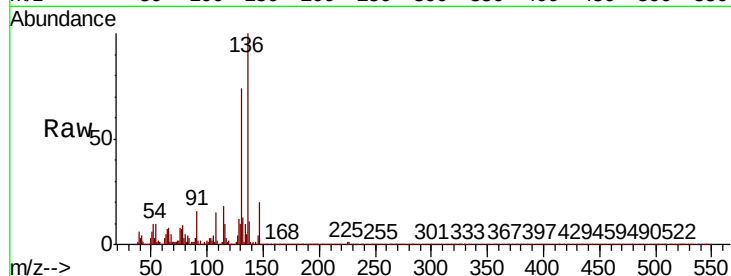




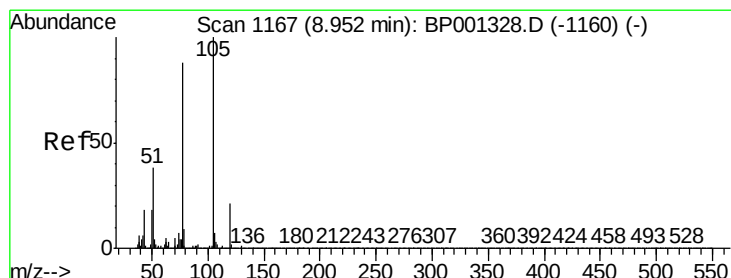
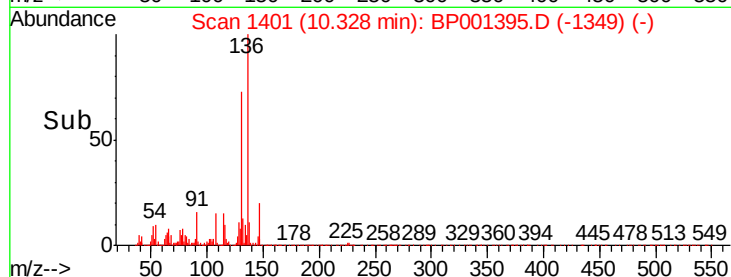
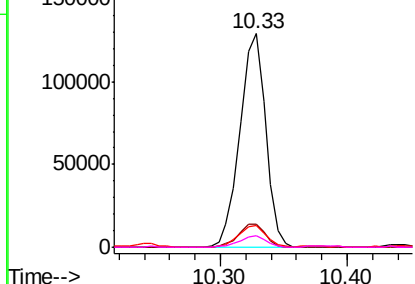
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	182584
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	10.3	7.3 10.9
68	5.5	3.8 5.6

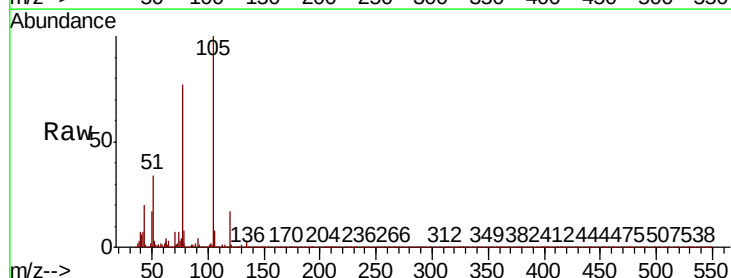


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BP0
100000 Ion 68.00 (67.70 to 68.70): BP0
50000
0

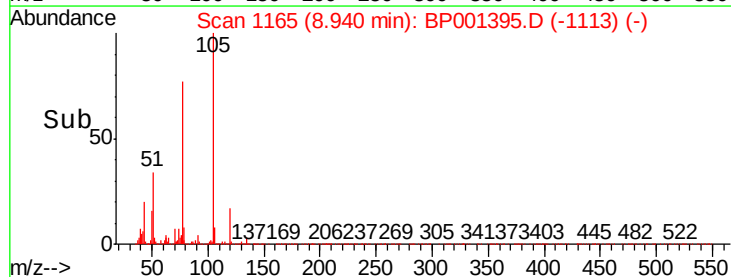
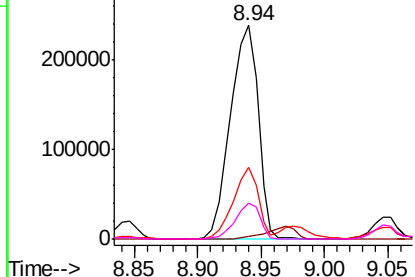


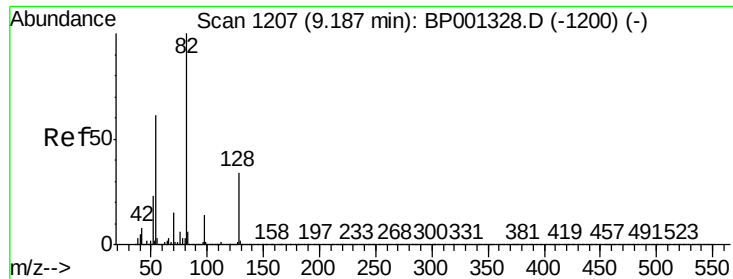
#22
Acetophenone
Concen: 62.435 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:105	Resp:	360485
Ion Ratio	Lower	Upper
105	100	
71	1.3	0.2 0.4#
51	33.8	29.8 44.6
120	17.0	15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): E
300000 Ion 71.00 (70.70 to 71.70): BP0
200000 Ion 51.00 (50.70 to 51.70): BP0
100000 Ion 120.00 (119.70 to 120.70): E
0

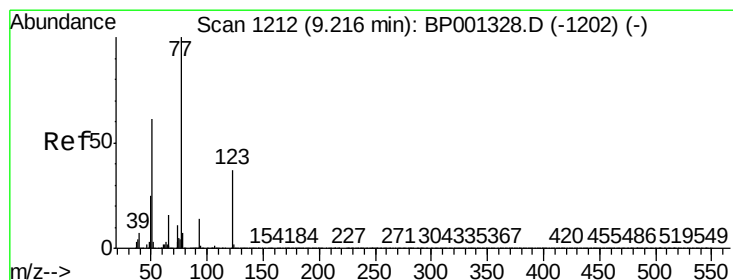
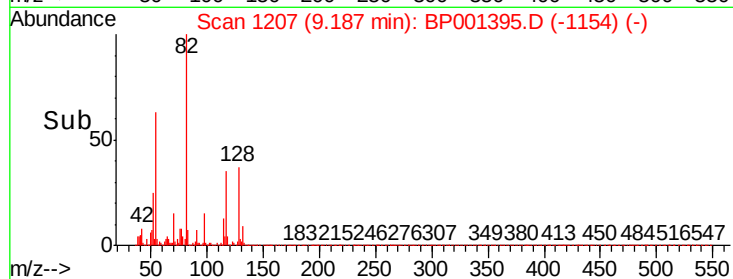
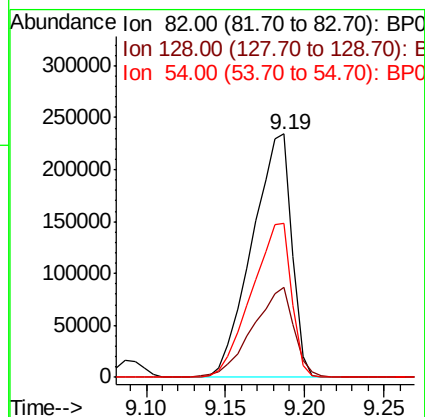
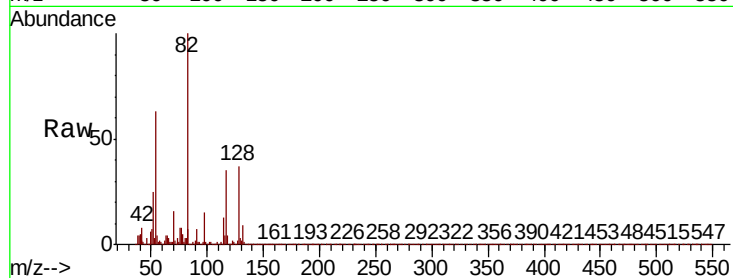




#23
 Nitrobenzene-d5
 Concen: 85.801 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

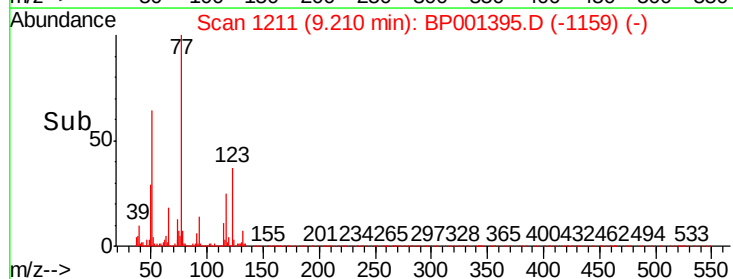
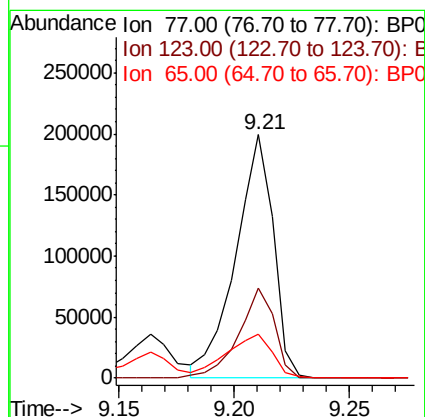
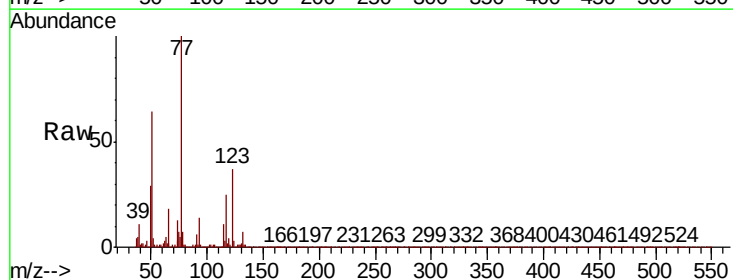
Instrument :
 BNA_P
 ClientSampleId :

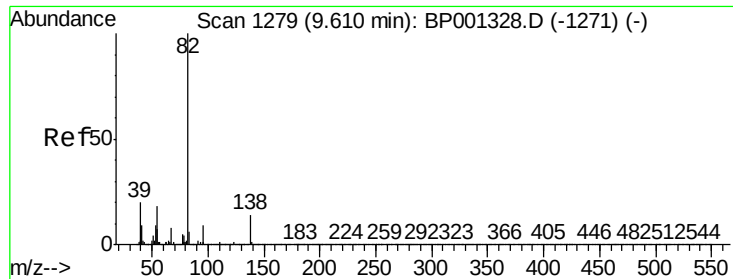
Tot Ion	82	Resp	407950
Ion Ratio	100	Lower	Upper
128	36.9	27.4	41.0
54	63.2	47.5	71.3



#24
 Nitrobenzene
 Concen: 48.163 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion	77	Resp	225387
Ion Ratio	100	Lower	Upper
123	37.1	30.9	46.3
65	17.8	13.0	19.4





#25

Isophorone

Concen: 46.516 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

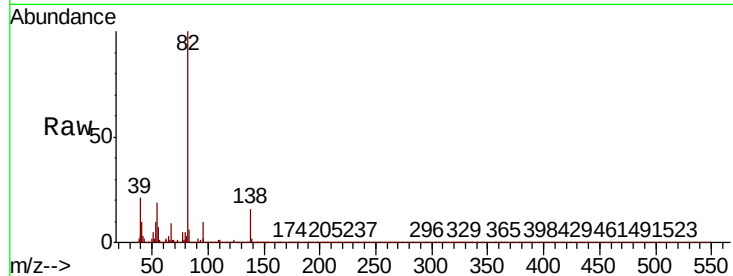
Tot Ion: 82 Resp: 355623

Ion Ratio Lower Upper

82 100

95 9.7 7.3 10.9

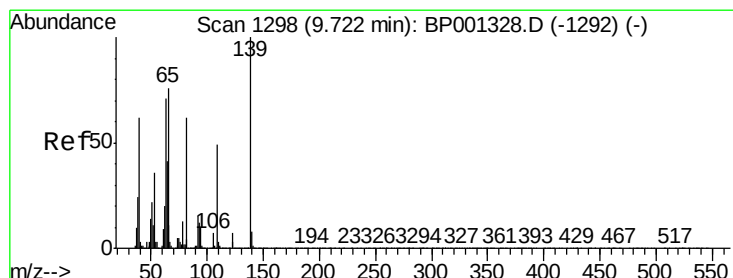
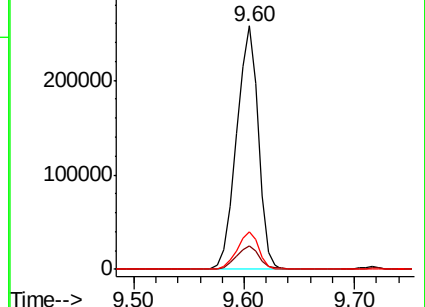
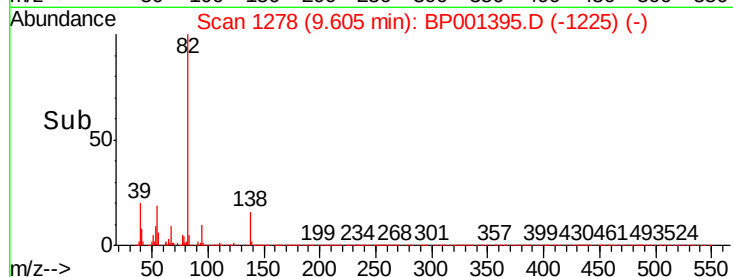
138 15.7 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BP001328.D (-1271) (-)

Ion 95.00 (94.70 to 95.70): BP001395.D (-1225) (-)

Ion 138.00 (137.70 to 138.70): BP001395.D (-1225) (-)



#26

2-Nitrophenol

Concen: 47.828 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

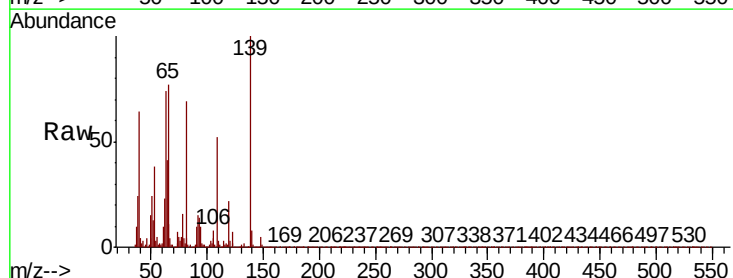
Tgt Ion: 139 Resp: 79810

Ion Ratio Lower Upper

139 100

109 51.7 40.5 60.7

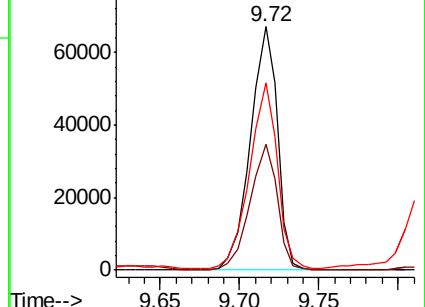
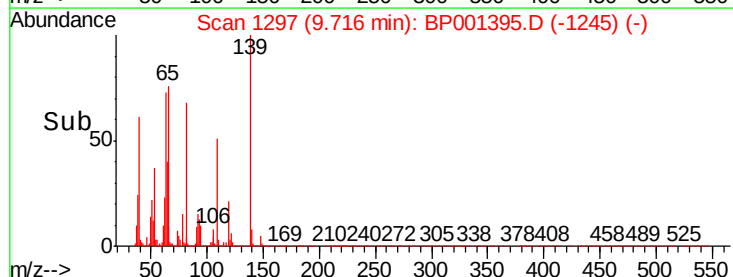
65 76.8 56.2 84.4

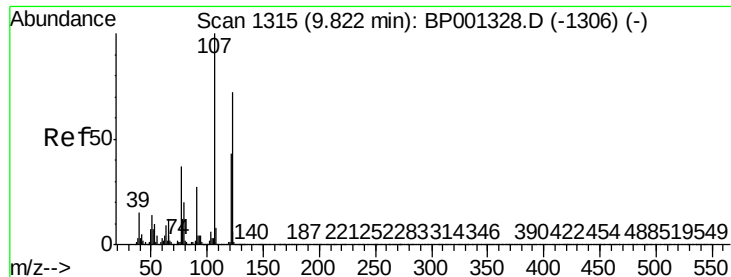


Abundance Ion 139.00 (138.70 to 139.70): BP001328.D (-1292) (-)

Ion 109.00 (108.70 to 109.70): BP001395.D (-1245) (-)

Ion 65.00 (64.70 to 65.70): BP001395.D (-1245) (-)

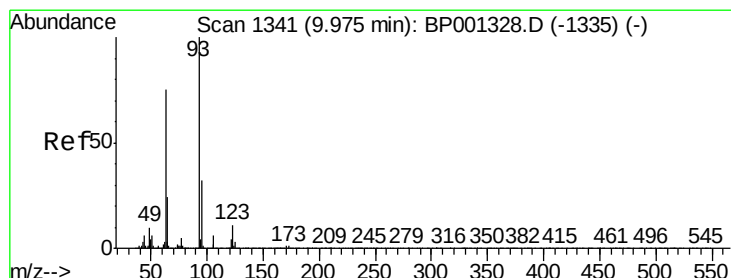
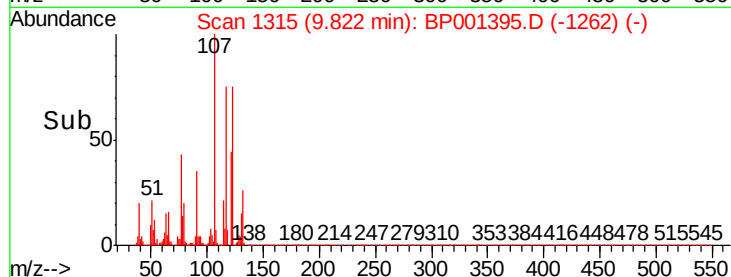
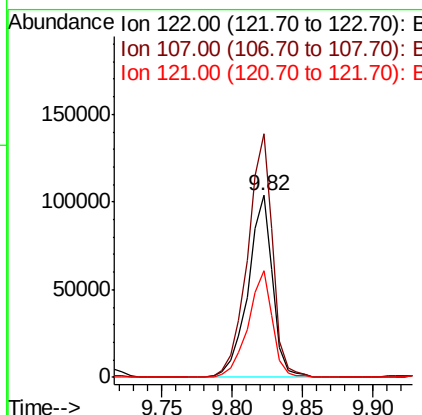
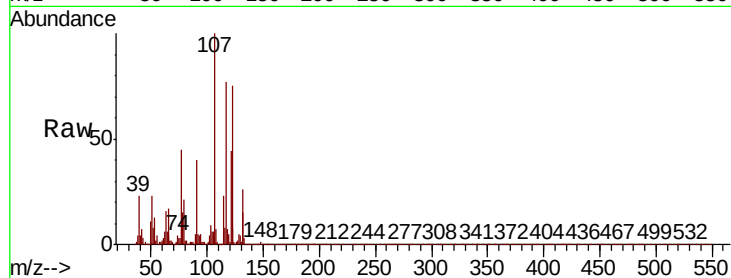




#27
2,4-Dimethylphenol
Concen: 51.427 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

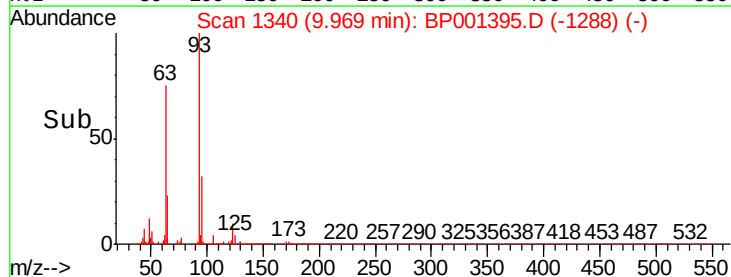
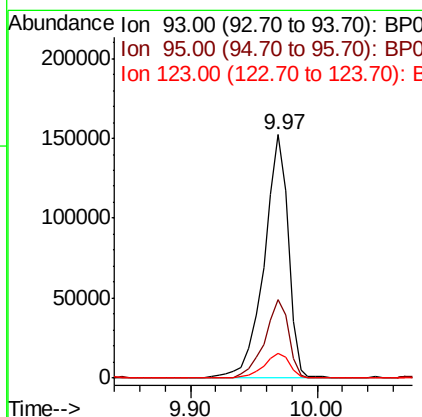
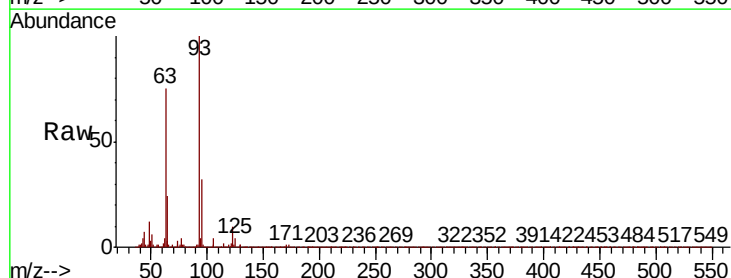
Instrument :
BNA_P
ClientSampleId :

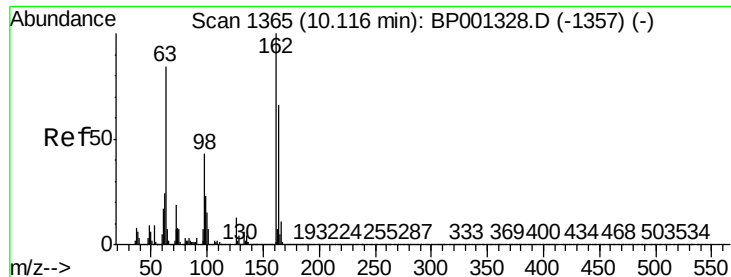
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.0	106.5	159.7
121	58.9	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.042 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.3	9.0	13.6

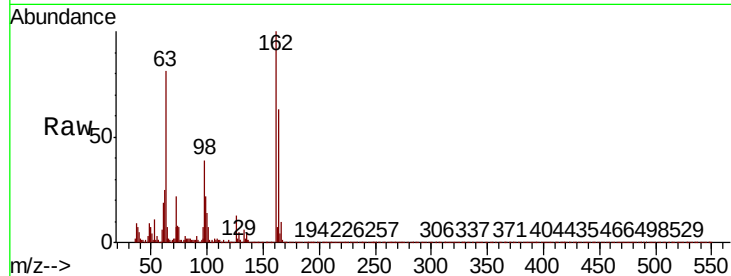




#29
2,4-Dichlorophenol
Concen: 45.188 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.8	84.8
98	39.4	18.5	58.5

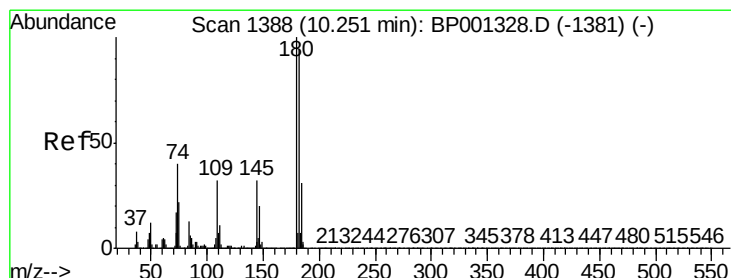
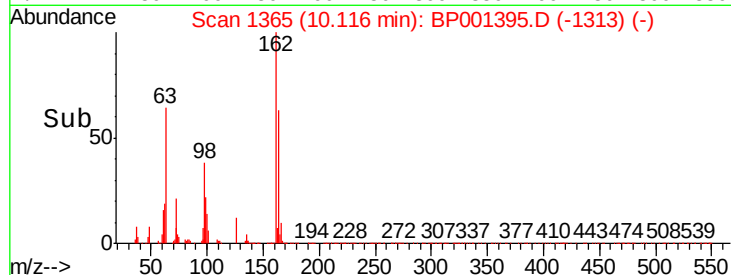
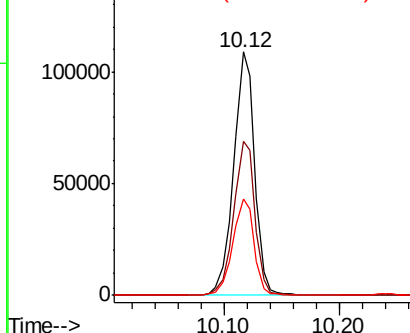


Abundance

Ion 162.00 (161.70 to 162.70): E

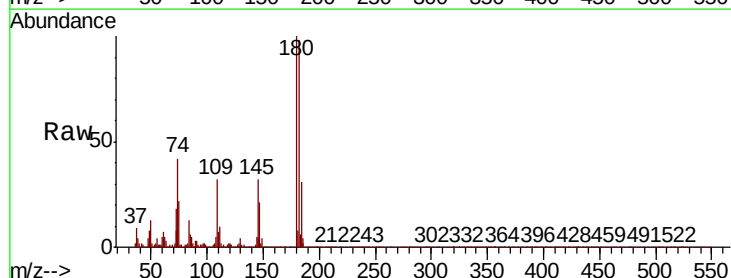
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 40.959 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	79.3	118.9
145	32.5	23.1	34.7

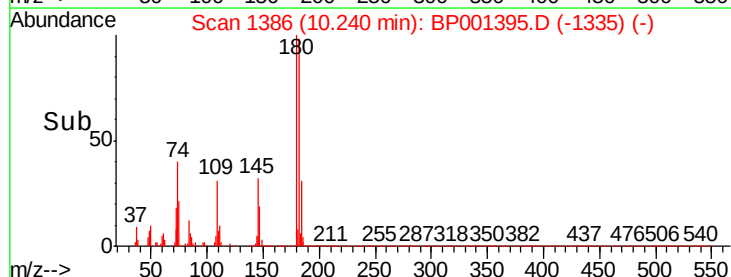
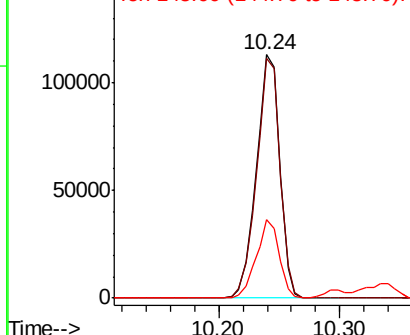


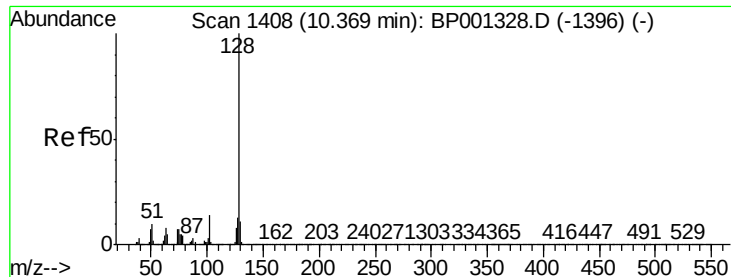
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

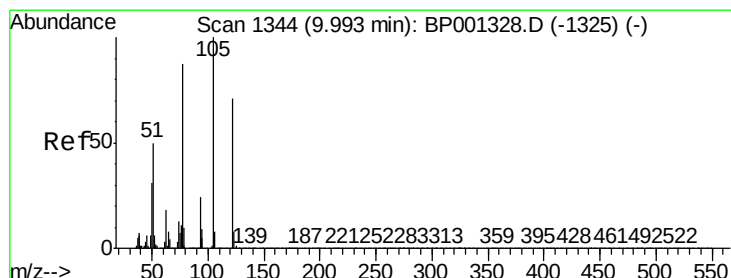
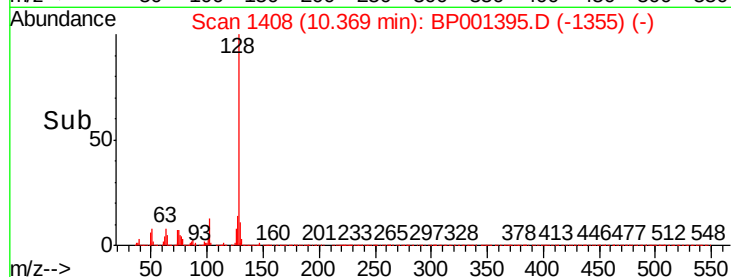
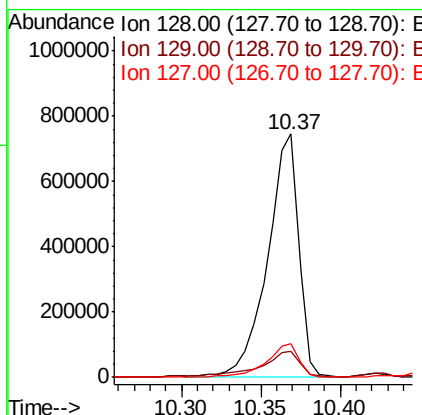
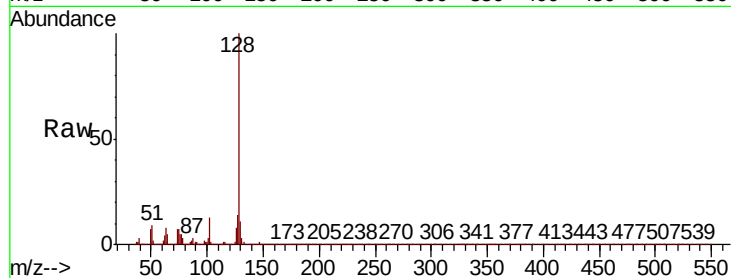




#31
Naphthalene
Concen: 101.338 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

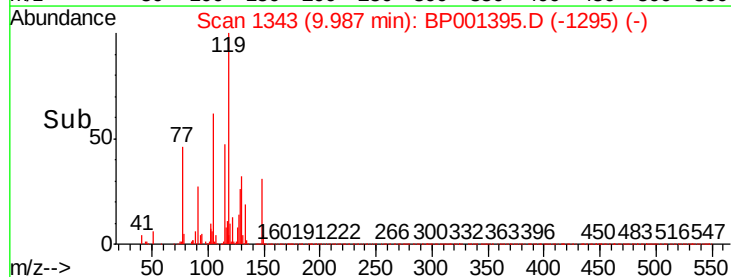
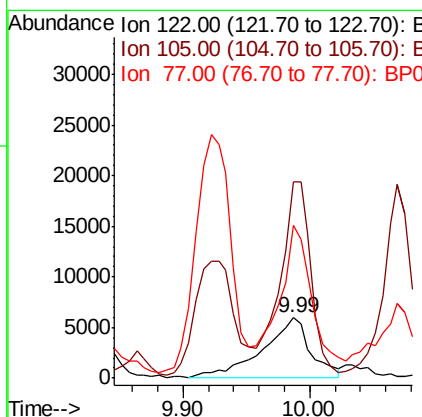
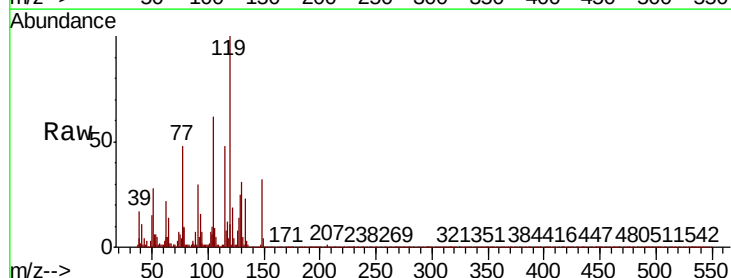
Instrument :
BNA_P
ClientSampleId :

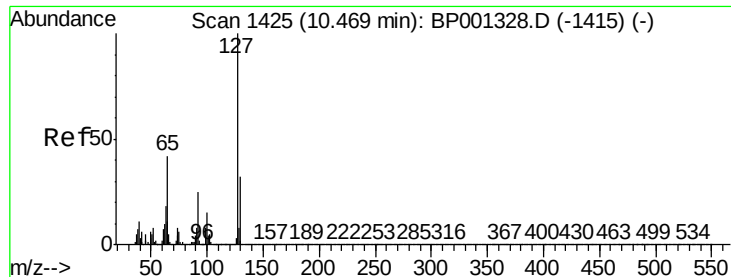
Tot Ion:128 Resp: 1010004
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 11.909 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:122 Resp: 15262
Ion Ratio Lower Upper
122 100
105 325.5 117.8 157.8#
77 252.9 85.6 125.6#

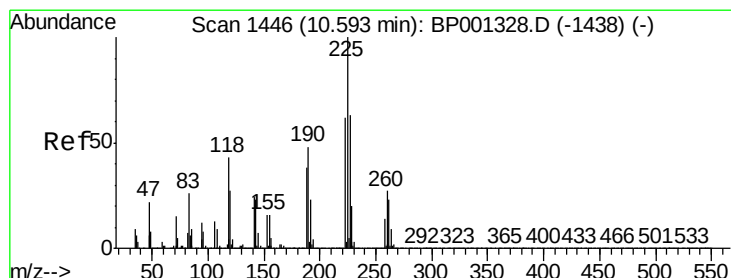
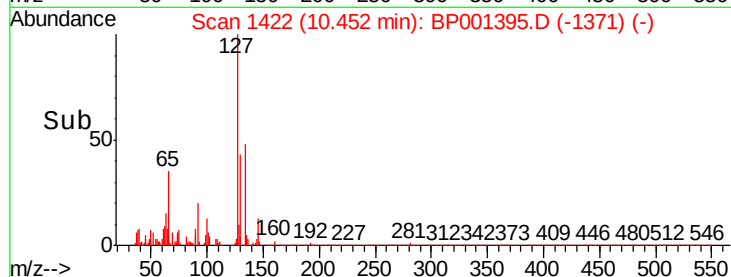
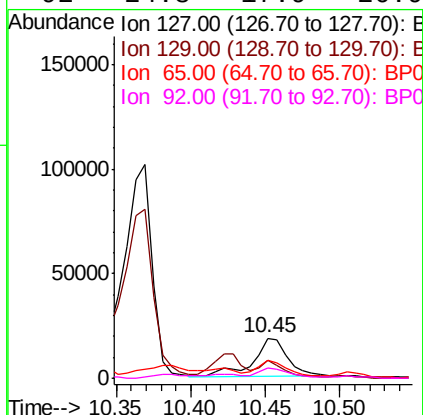
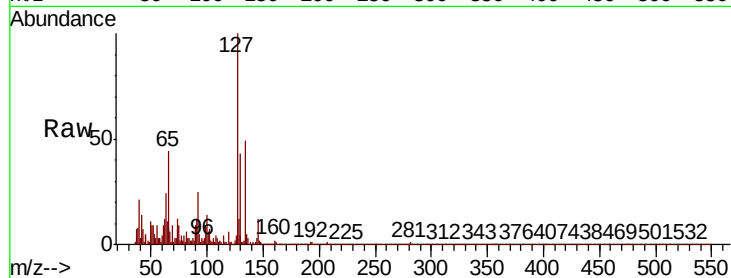




#33
4-Chloroaniline
Concen: 7.366 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

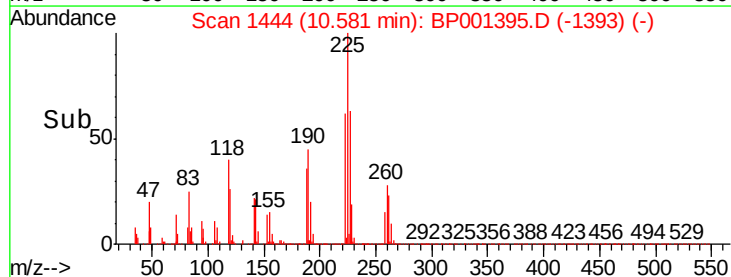
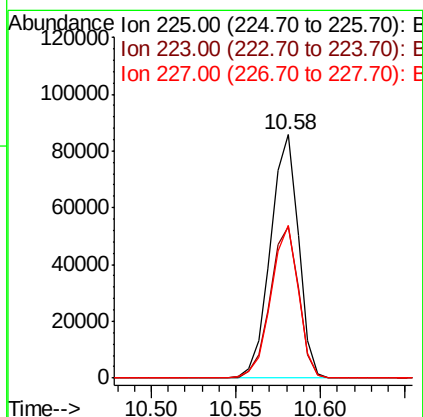
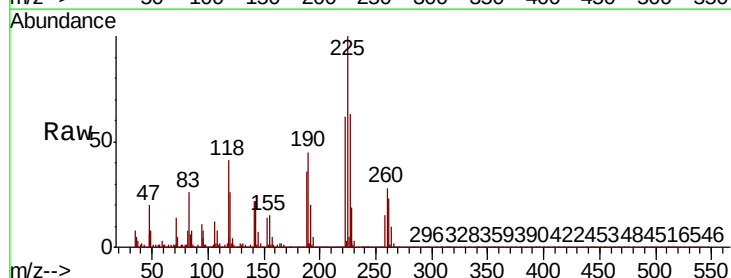
Instrument :
BNA_P
ClientSampleId :

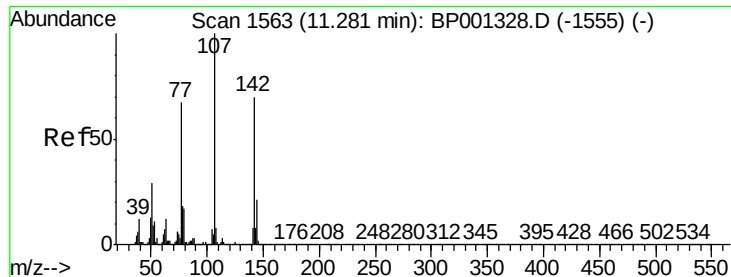
Tot Ion:	127	Resp:	30022
Ion	Ratio	Lower	Upper
127	100		
129	43.3	25.8	38.8#
65	43.6	33.9	50.9
92	24.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 37.776 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:	225	Resp:	98490
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.0
227	62.9	57.0	85.4

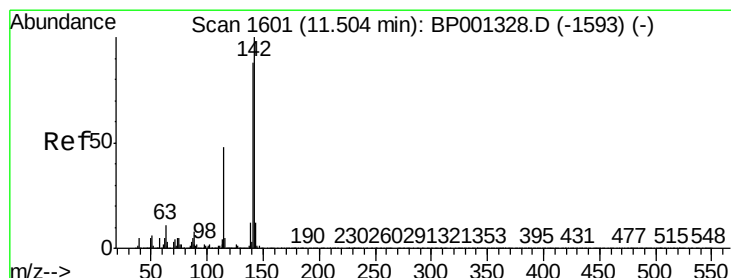
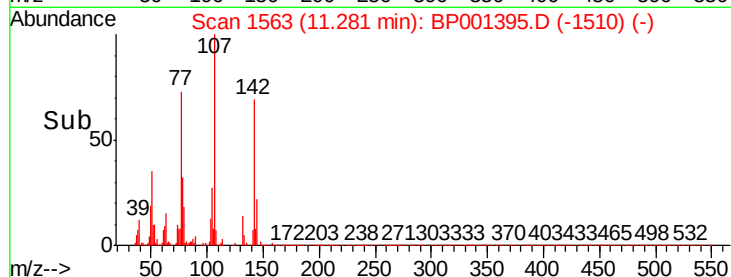
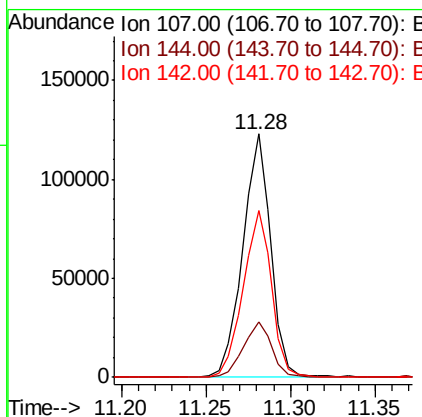
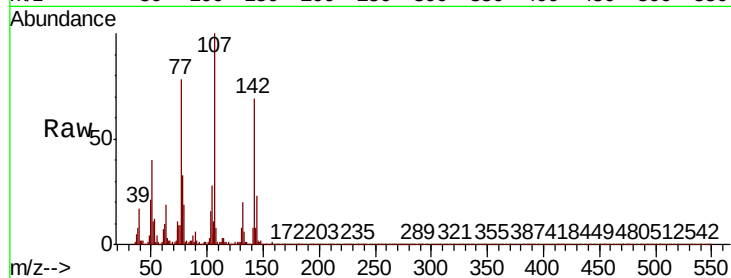




#36
4-Chloro-3-methylphenol
Concen: 39.873 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

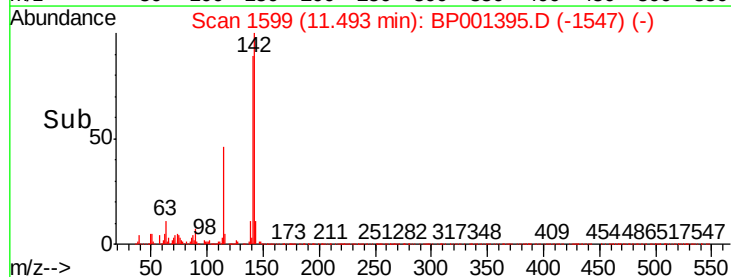
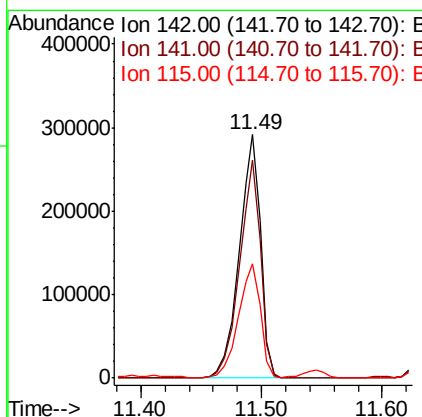
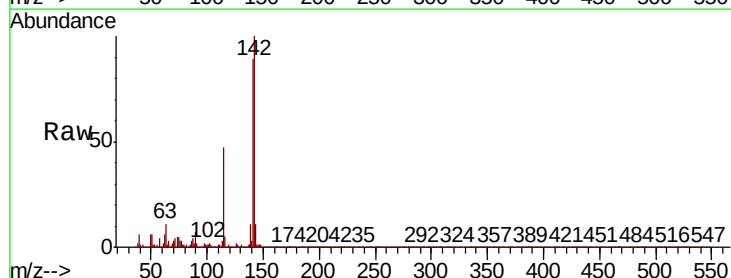
Instrument :
BNA_P
ClientSampleId :

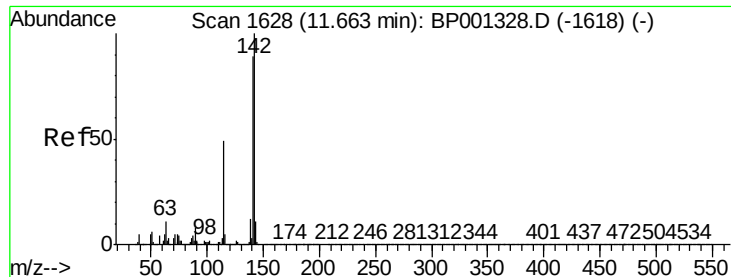
Tot Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.8	26.8
142	68.8	56.2	84.4



#37
2-Methylnaphthalene
Concen: 51.718 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.2
115	47.0	37.0	55.4





#38

1-Methylnaphthalene

Concen: 55.011 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.15 min

Lab File: BP001395.D

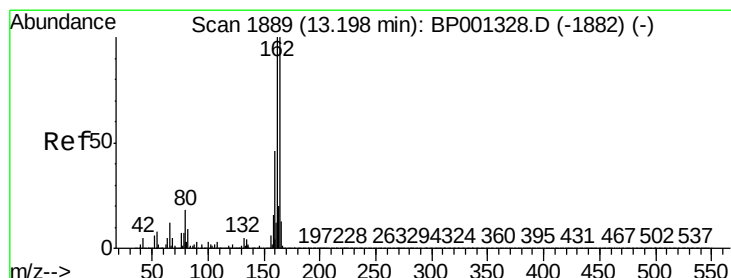
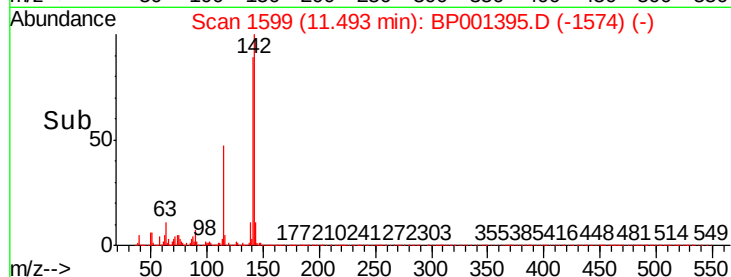
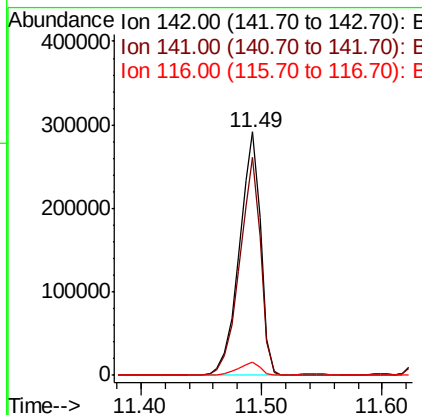
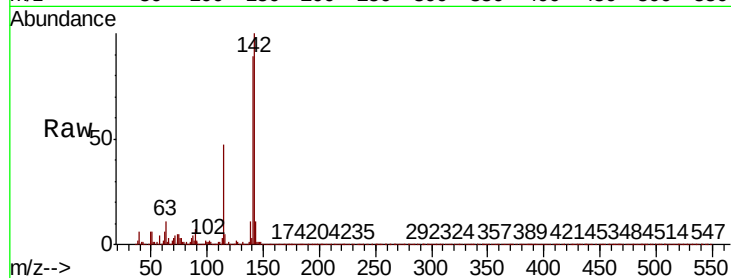
Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:142	Resp:	355858
Ion Ratio	Lower	Upper
142	100	
141	89.4	72.9 109.3
116	5.3	3.8 5.8



#39

Acenaphthene-d10

Concen: 20.000 ng

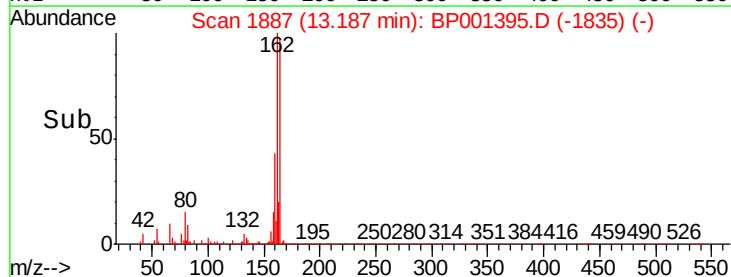
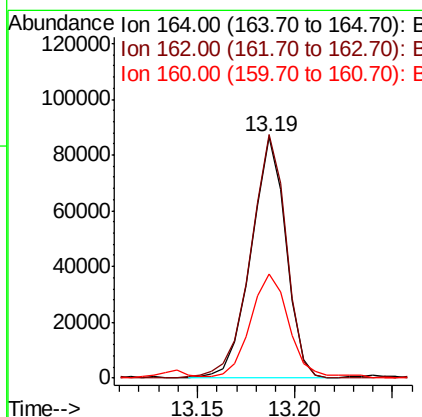
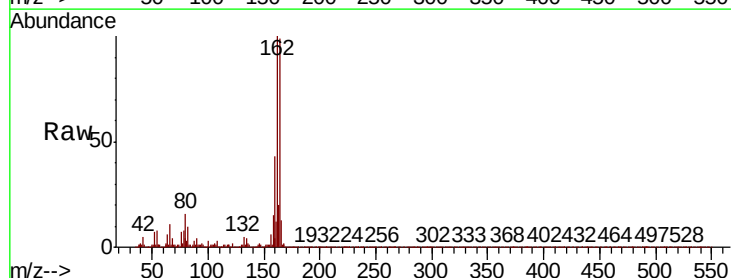
RT: 13.19 min Scan# 1887

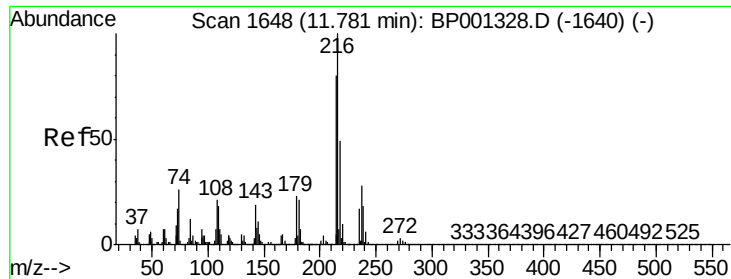
Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Tgt Ion:164	Resp:	106099
Ion Ratio	Lower	Upper
164	100	
162	100.8	78.2 117.4
160	43.3	35.1 52.7

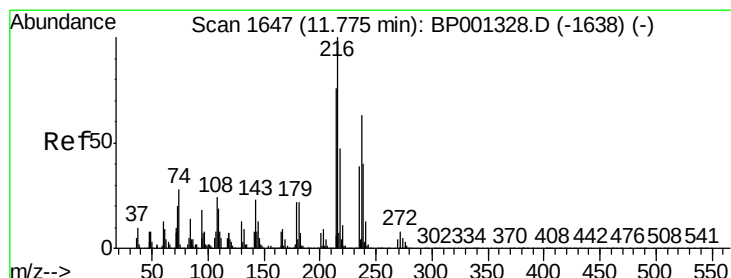
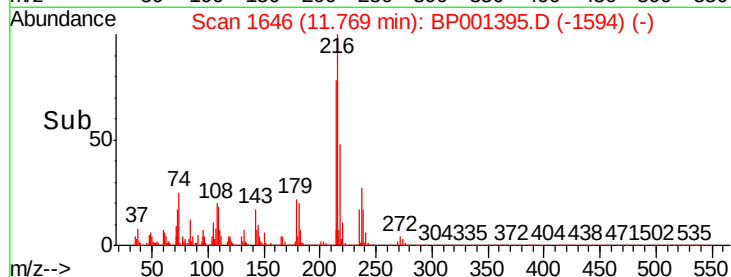
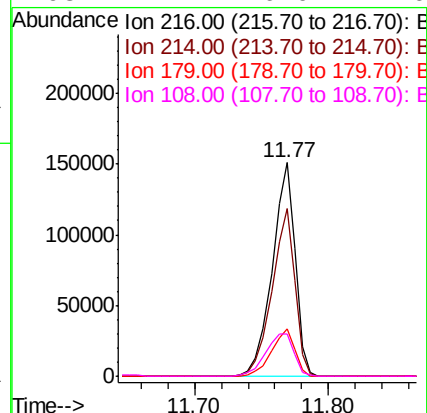
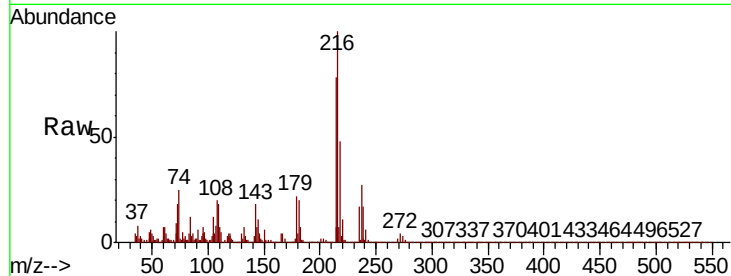




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.718 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

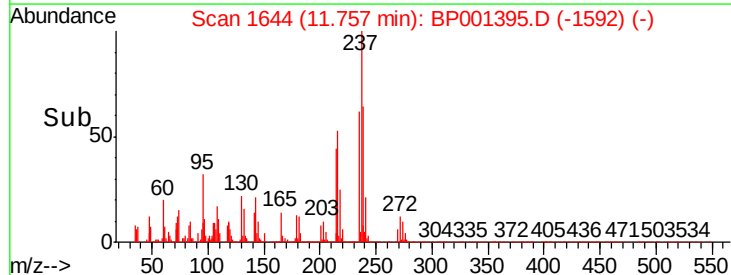
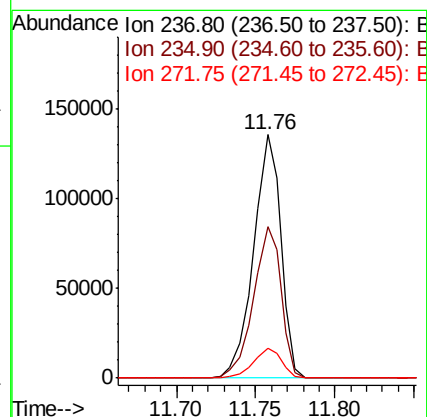
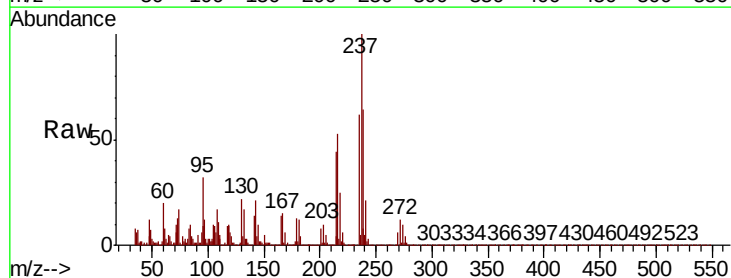
Instrument :
BNA_P
ClientSampleId :

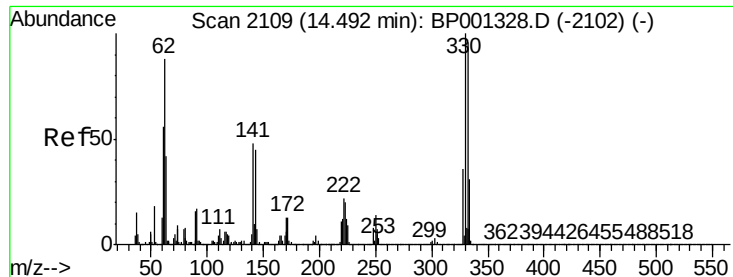
Tot Ion:	216	Resp:	179351
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.1	93.1
179	22.5	17.1	25.7
108	24.1	16.0	24.0



#41
Hexachlorocyclopentadiene
Concen: 83.516 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:	237	Resp:	162045
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.8	82.8
272	12.2	0.0	33.0

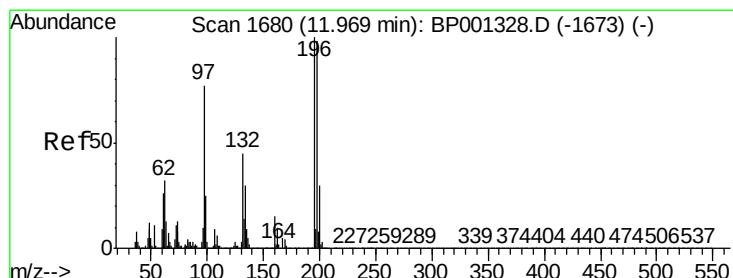
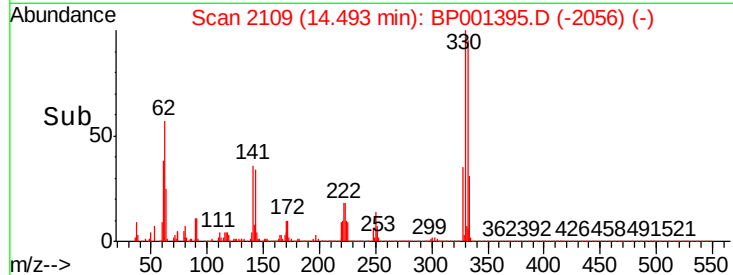
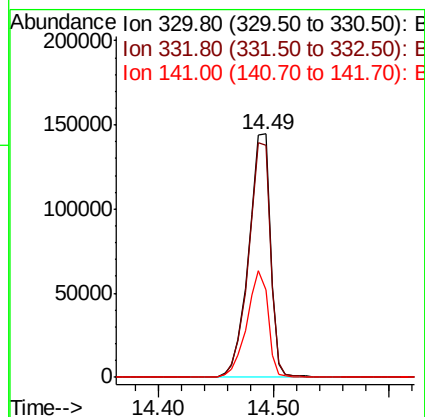
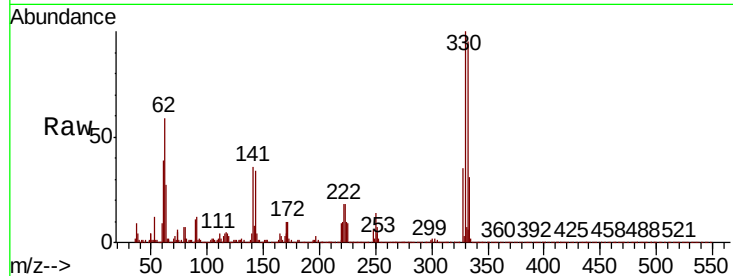




#42
 2,4,6-Tribromophenol
 Concen: 143.477 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

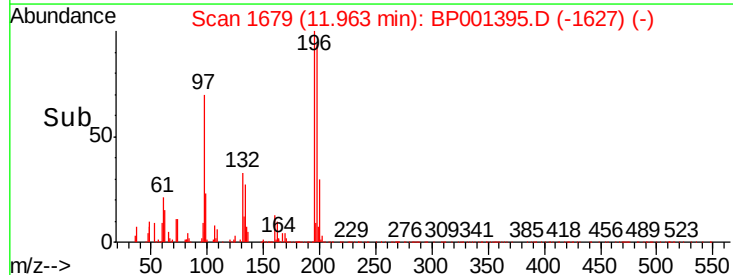
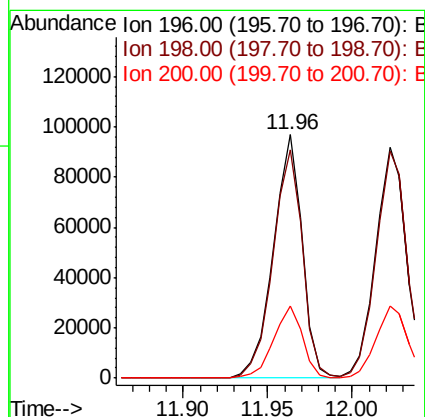
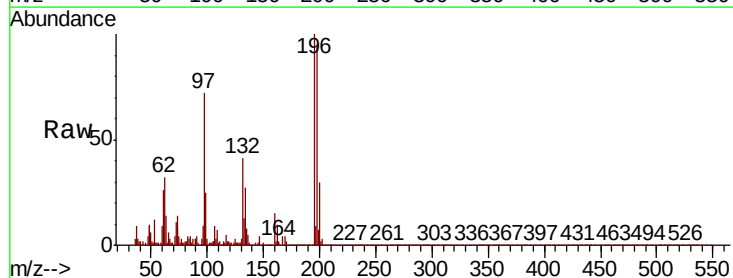
Instrument :
 BNA_P
 ClientSampleId :

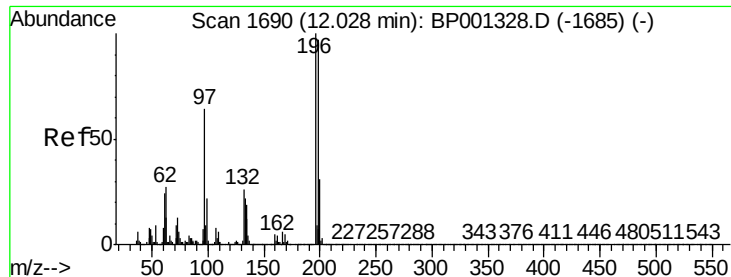
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	42.4	26.8	40.2



#43
 2,4,6-Trichlorophenol
 Concen: 47.474 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.2	115.8
200	29.9	25.9	38.9

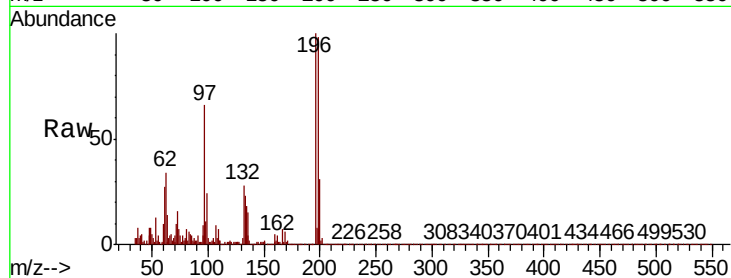




#44
2,4,5-Trichlorophenol
Concen: 47.041 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.8	113.6
97	66.3	46.1	69.1
132	28.2	21.0	31.4



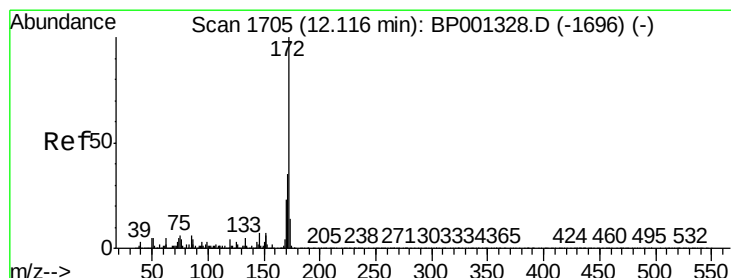
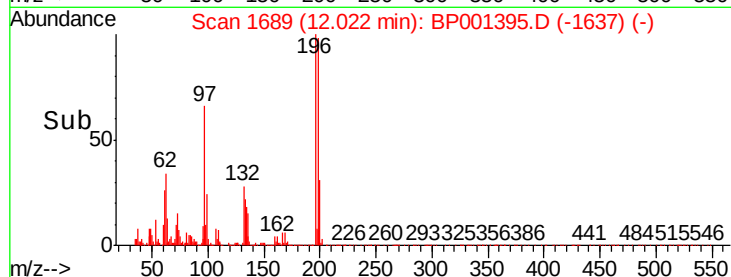
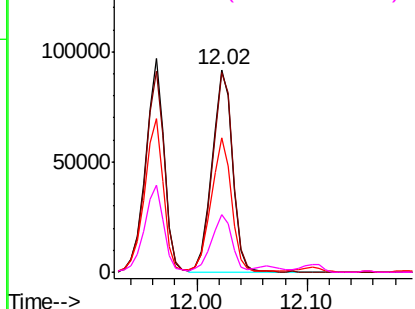
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

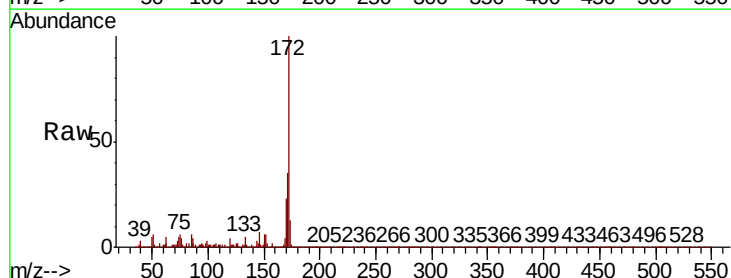
Ion 97.00 (96.70 to 97.70): BP0

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 94.143 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.0	18.2	27.4

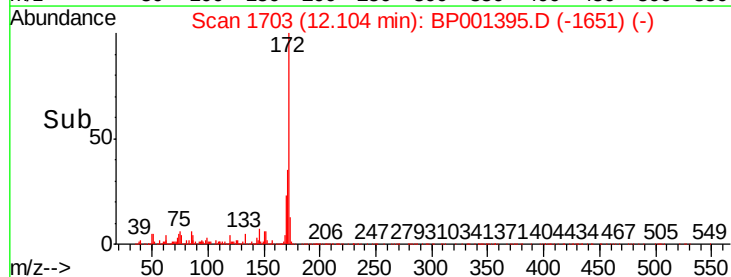
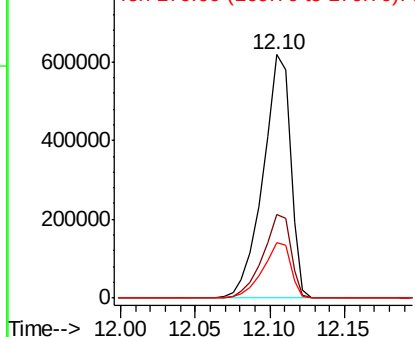


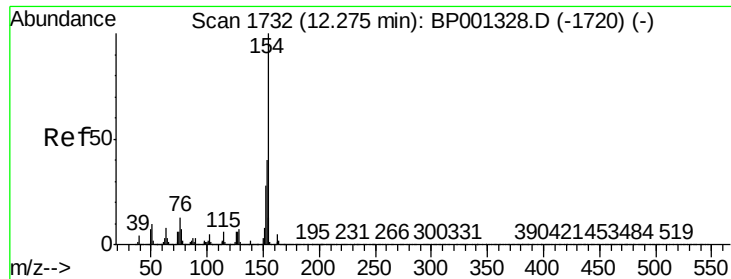
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

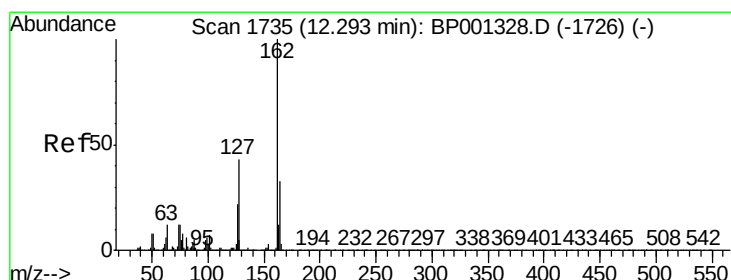
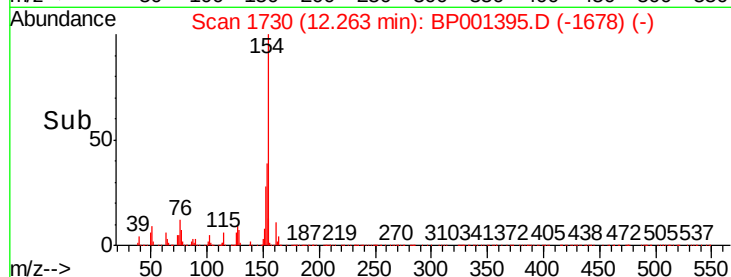
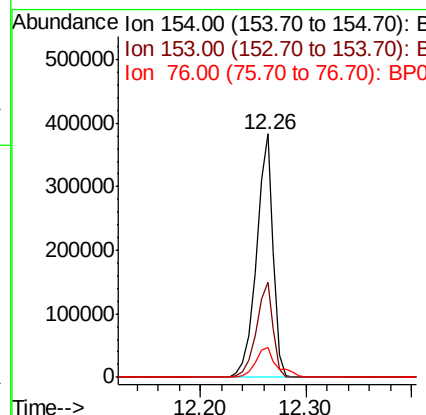
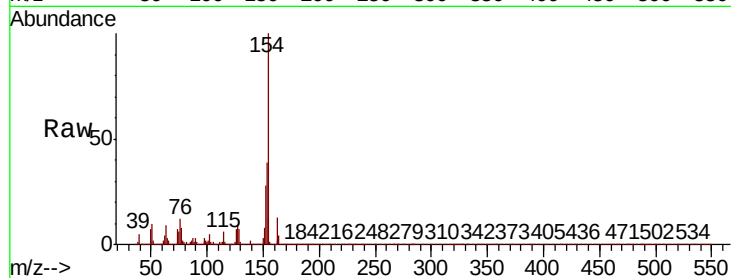




#46
 1,1'-Biphenyl
 Concen: 47.295 ng
 RT: 12.26 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

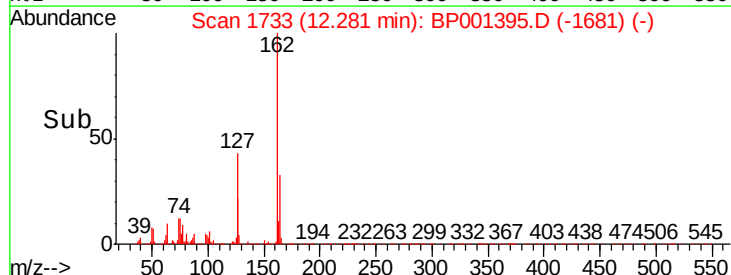
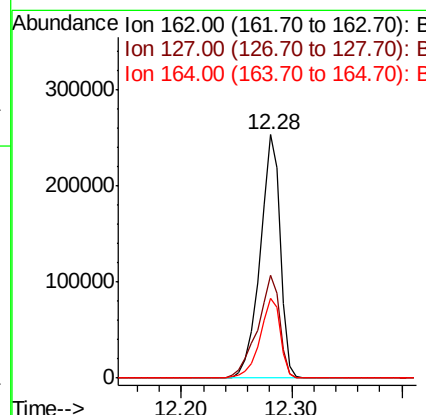
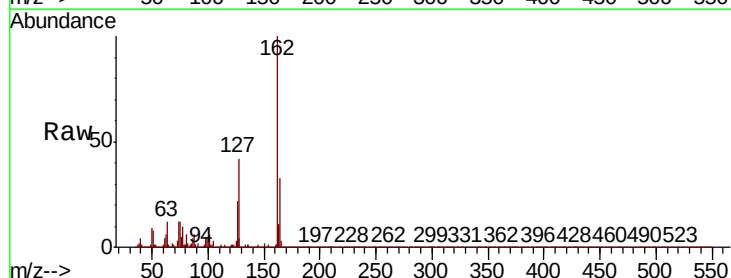
Instrument :
 BNA_P
 ClientSampleId :

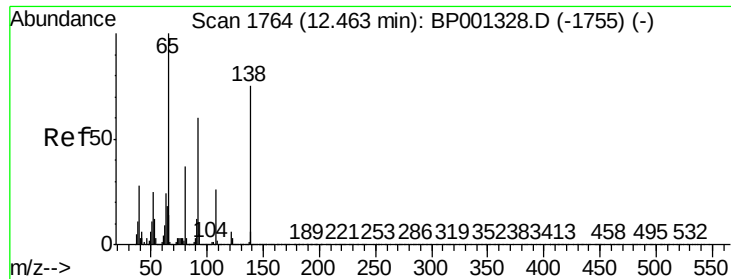
Tot Ion:	154	Resp:	419918
Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.5	59.5
76	12.5	0.0	31.5



#47
 2-Chloronaphthalene
 Concen: 45.039 ng
 RT: 12.28 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion:	162	Resp:	323276
Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.4	50.2
164	32.9	26.0	39.0

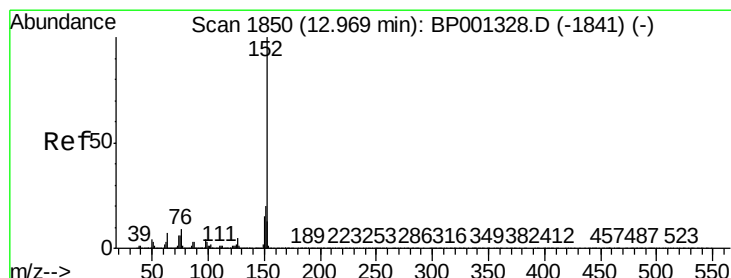
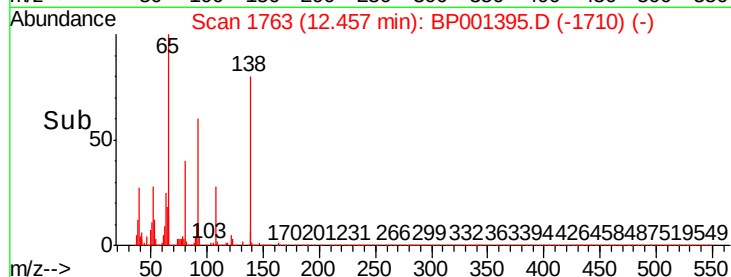
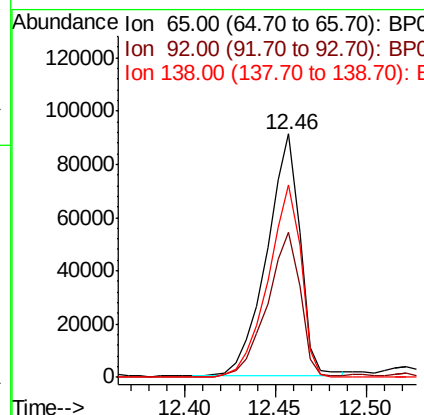
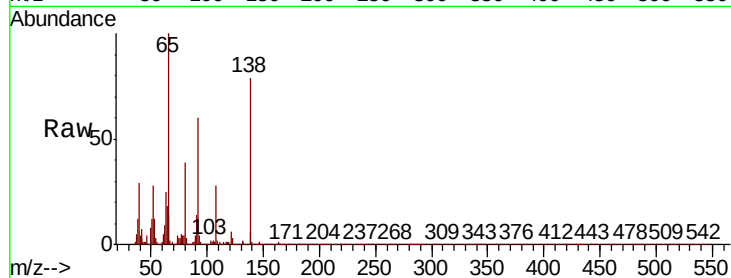




#48
2-Nitroaniline
Concen: 40.230 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

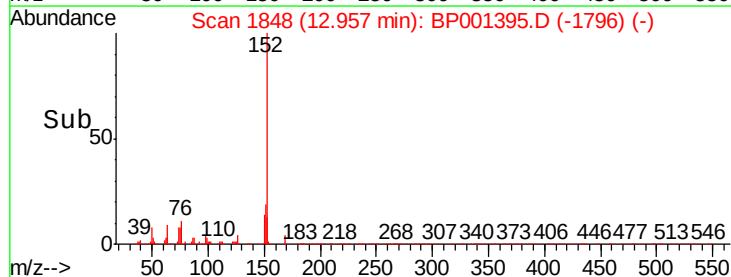
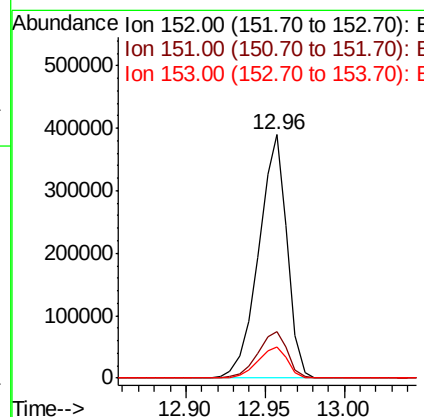
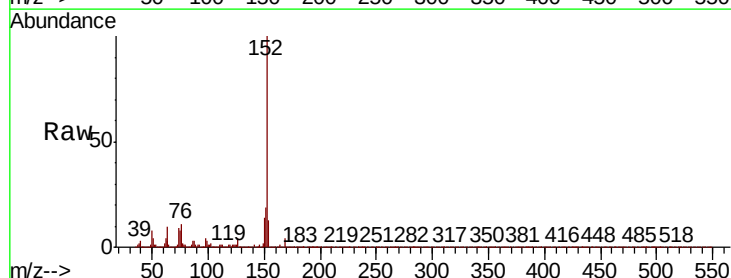
Instrument :
BNA_P
ClientSampleId :

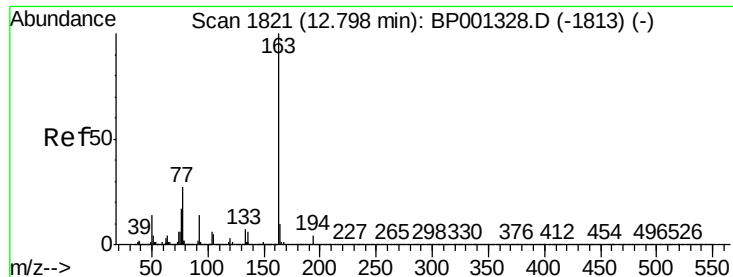
Tot Ion	Ratio	Lower	Upper
65	100		
92	59.6	48.9	73.3
138	78.9	65.1	97.7



#49
Acenaphthylene
Concen: 46.167 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.7	10.3	15.5

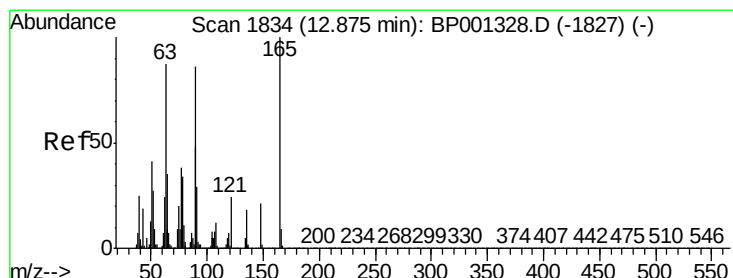
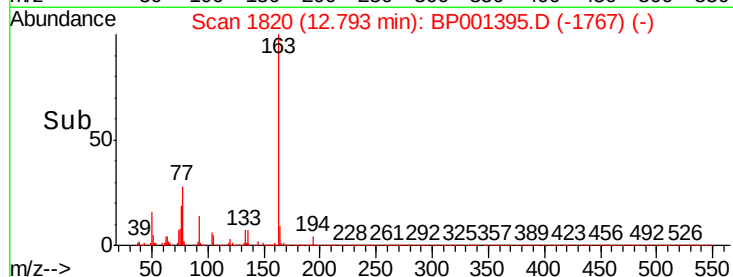
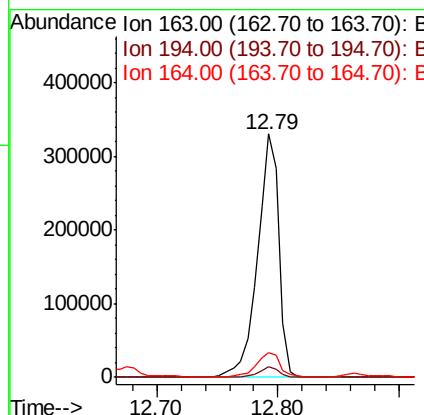
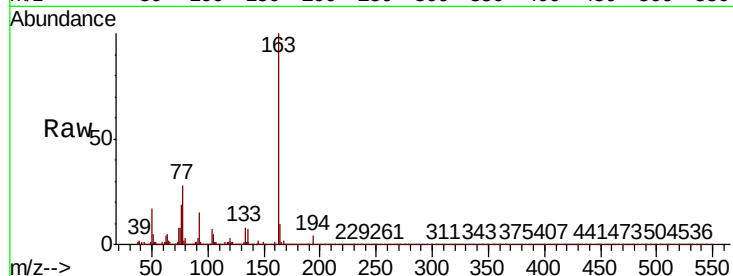




#50
Dimethylphthalate
Concen: 46.577 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

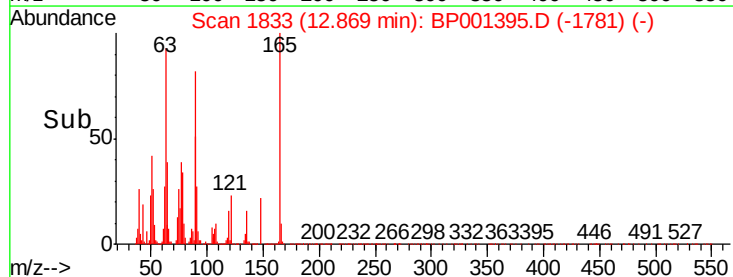
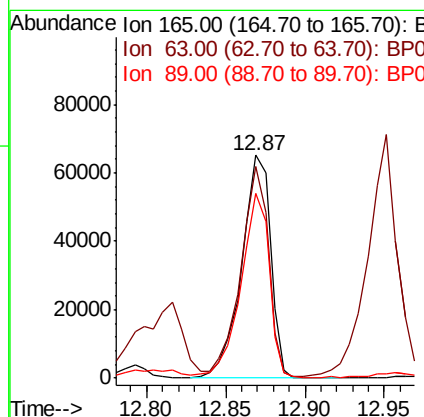
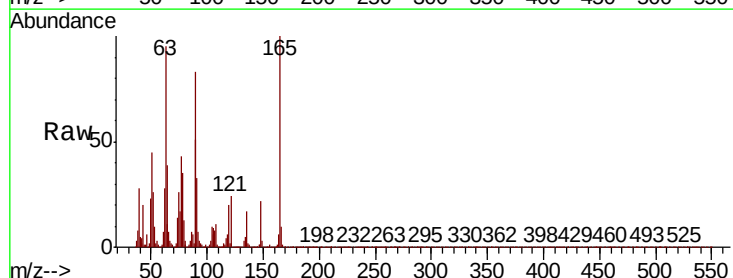
Instrument :
BNA_P
ClientSampleId :

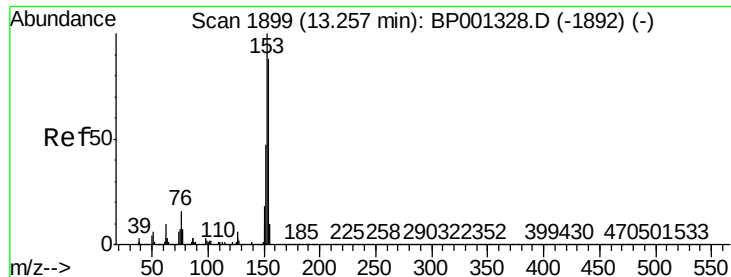
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	7.7	11.5



#51
2,6-Dinitrotoluene
Concen: 46.734 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.8	60.7	91.1#
89	82.9	55.4	83.0





#52

Acenaphthene

Concen: 45.906 ng

RT: 13.25 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

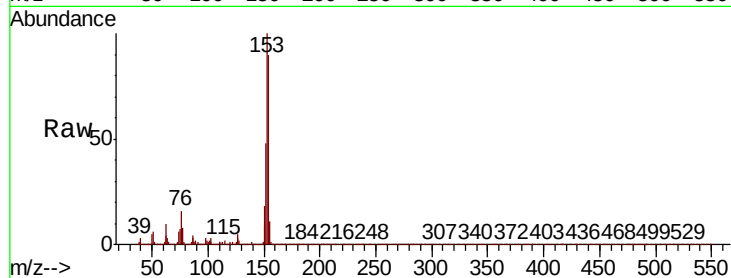
Tot Ion:154 Resp: 290208

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

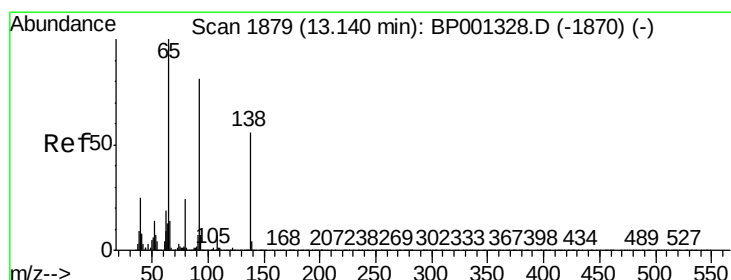
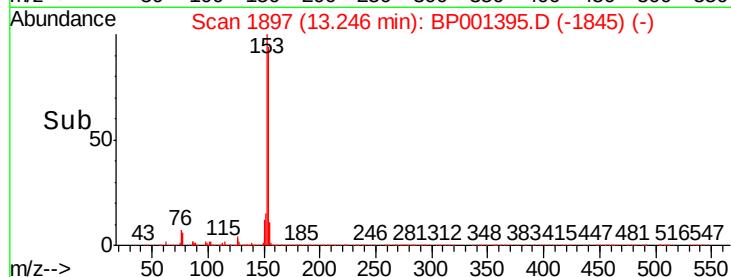
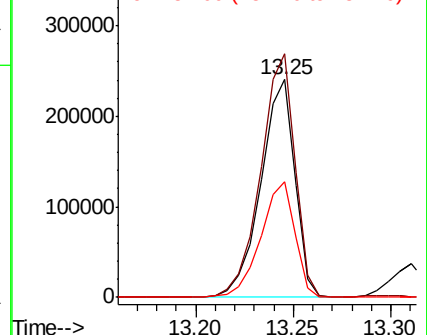
152 53.3 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 8.134 ng

RT: 13.13 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

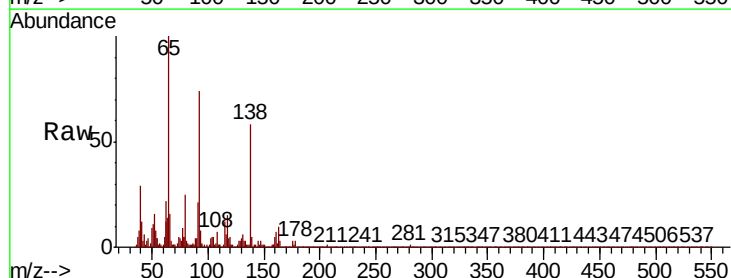
Tgt Ion:138 Resp: 15430

Ion Ratio Lower Upper

138 100

108 12.3 10.0 15.0

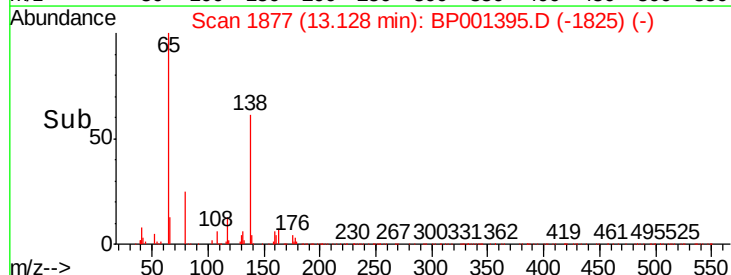
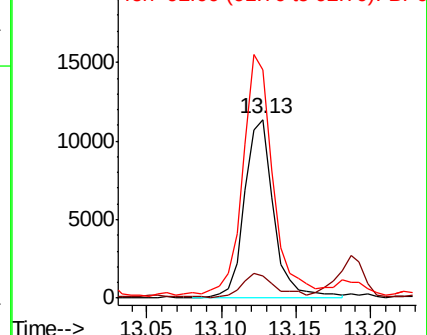
92 127.7 108.8 163.2

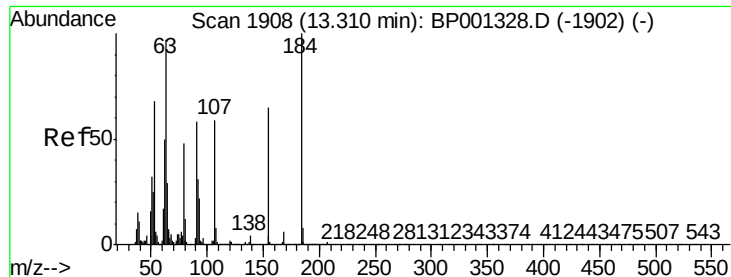


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BPO

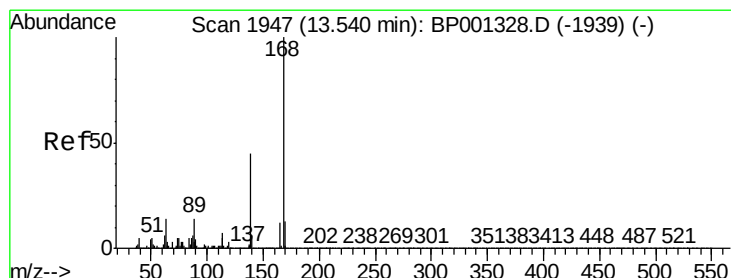
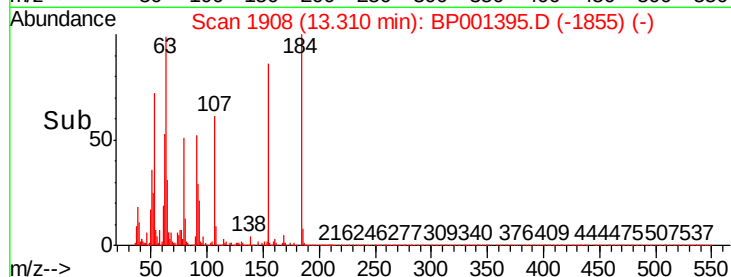
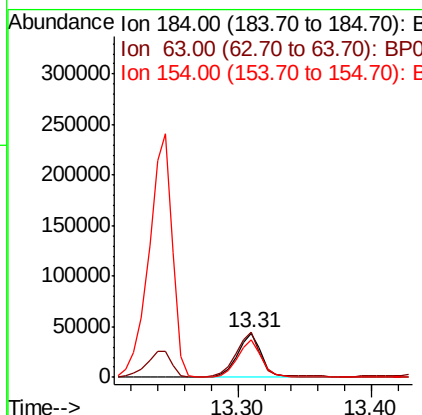
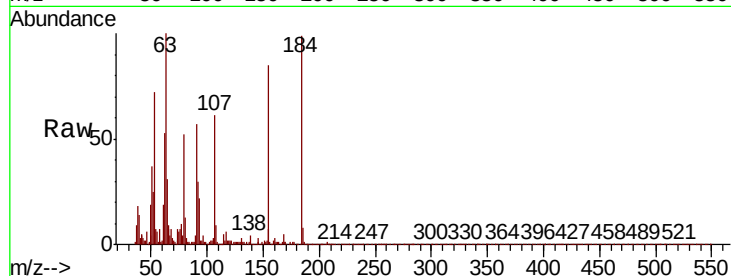




#54
2,4-Dinitrophenol
Concen: 80.295 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

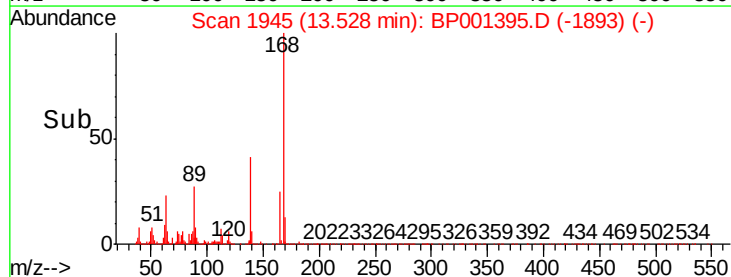
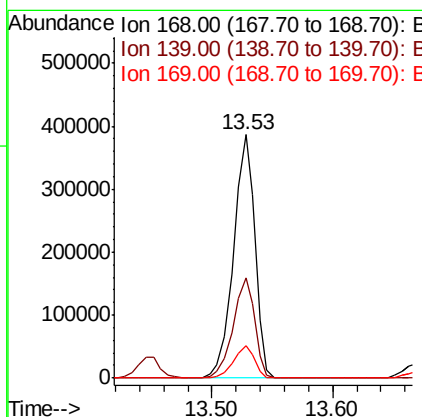
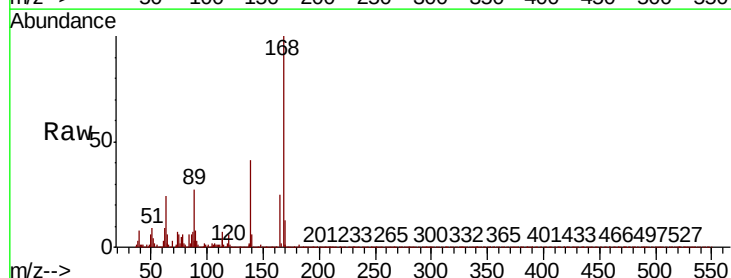
Instrument :
BNA_P
ClientSampleId :

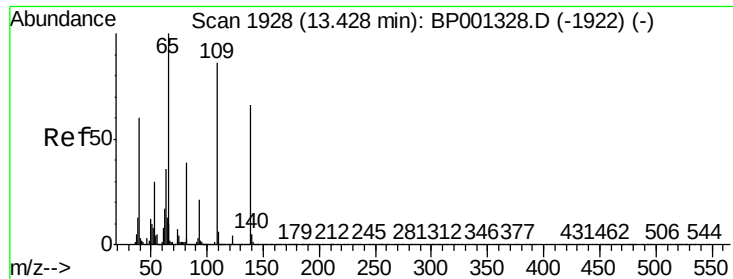
Tot Ion:184 Resp: 54799
Ion Ratio Lower Upper
184 100
63 101.1 69.5 104.3
154 85.8 58.5 87.7



#55
Dibenzofuran
Concen: 48.035 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:168 Resp: 475793
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.4
169 13.4 10.6 16.0

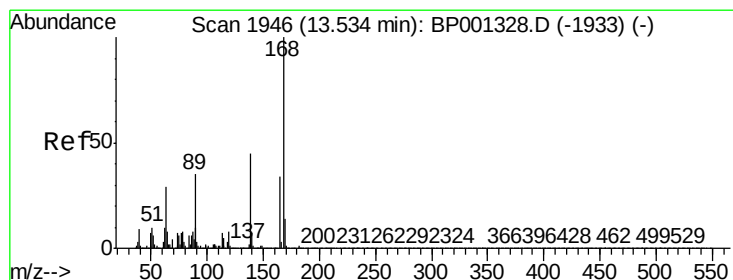
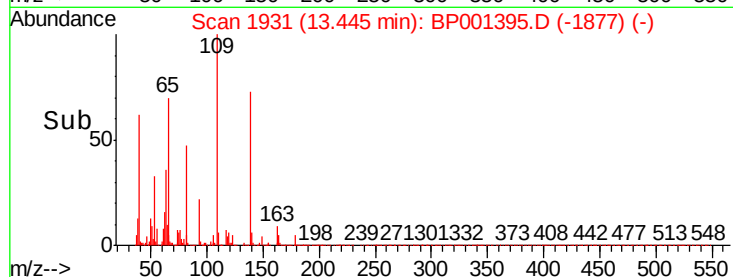
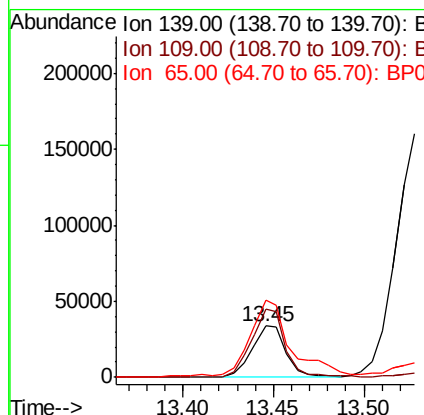
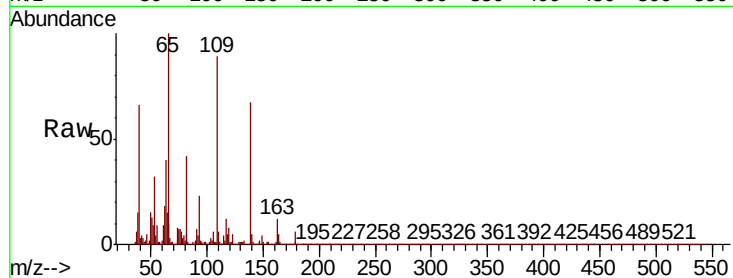




#56
4-Nitrophenol
Concen: 32.332 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

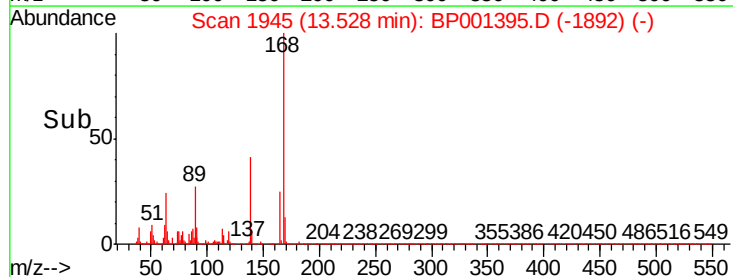
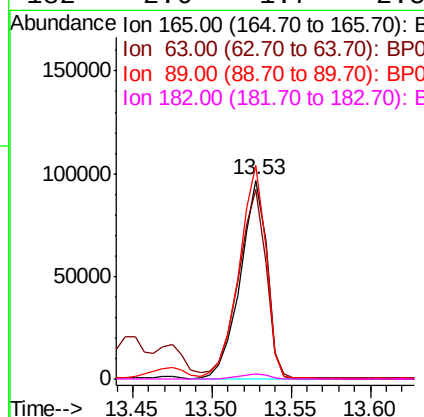
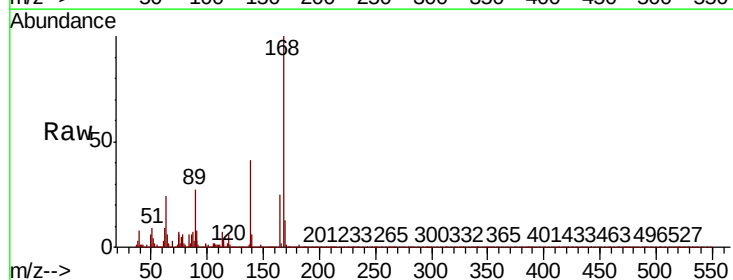
Instrument :
BNA_P
ClientSampleId :

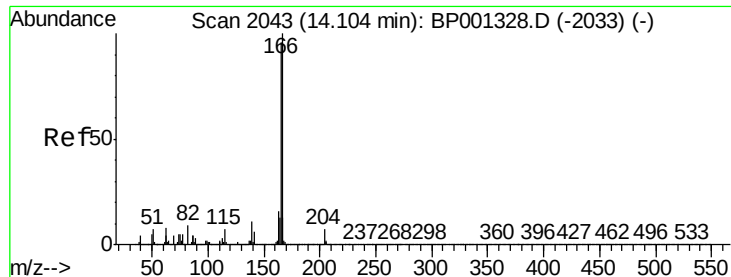
Tot Ion	Ratio	Lower	Upper
139	100		
109	132.9	99.7	139.7
65	149.9	115.0	155.0



#57
2,4-Dinitrotoluene
Concen: 45.758 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	95.5	66.6	100.0
89	107.3	79.5	119.3
182	2.6	1.7	2.5#

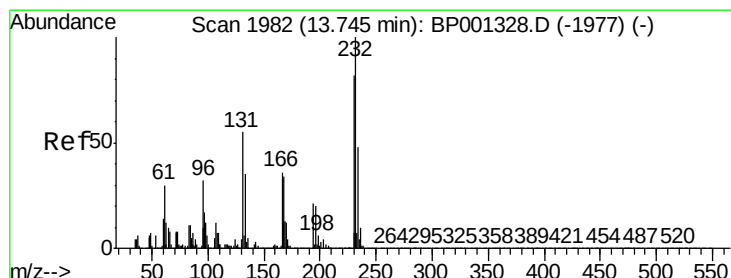
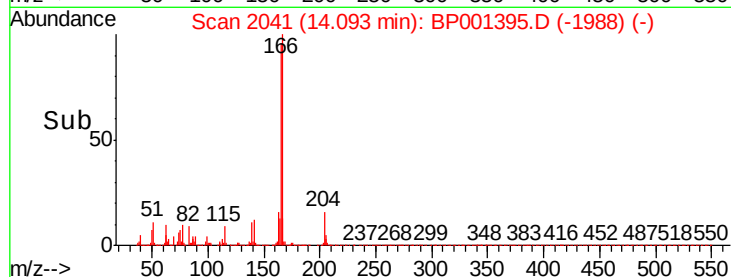
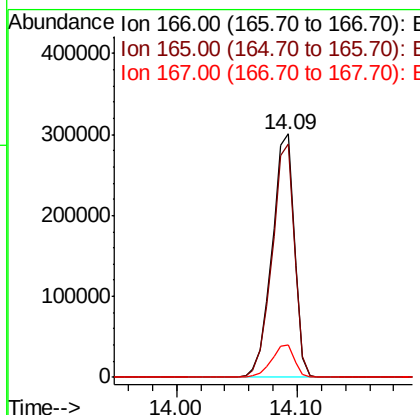
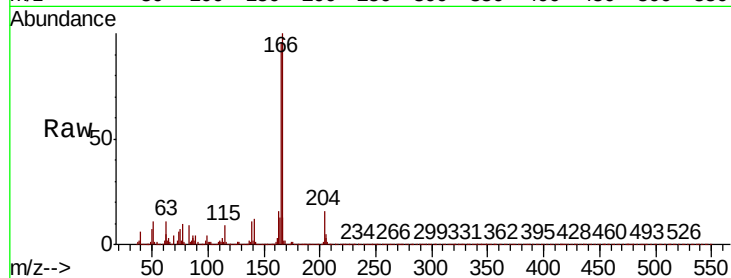




#58
Fluorene
Concen: 48.023 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

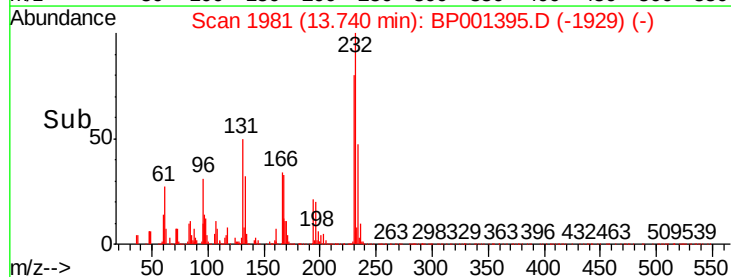
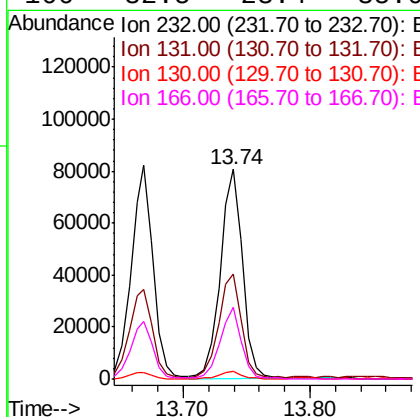
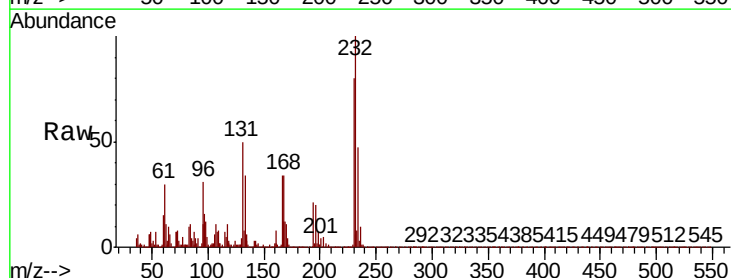
Instrument :
BNA_P
ClientSampleId :

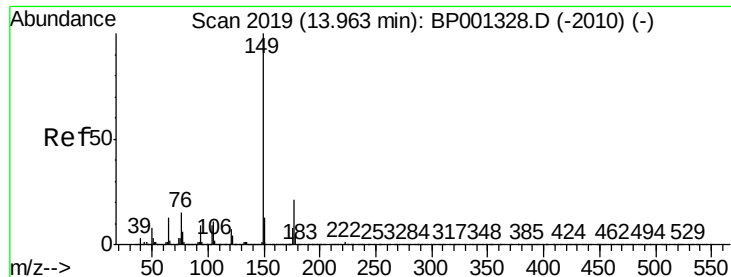
Tot Ion	166	Resp	380456
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
165	96.0		
167	13.3		



#59
2,3,4,6-Tetrachlorophenol
Concen: 46.119 ng
RT: 13.74 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	232	Resp	98153
Ion Ratio	100		
Lower	34.2		
Upper	51.4		
131	50.2		
130	3.4		
166	32.5		

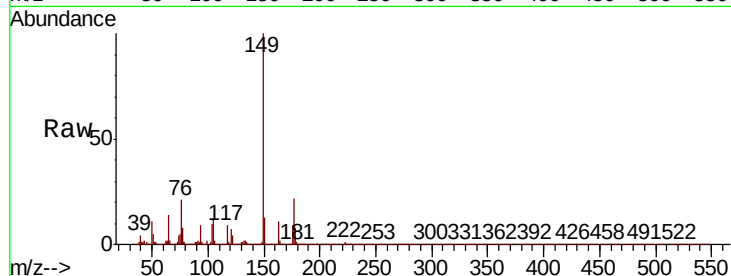




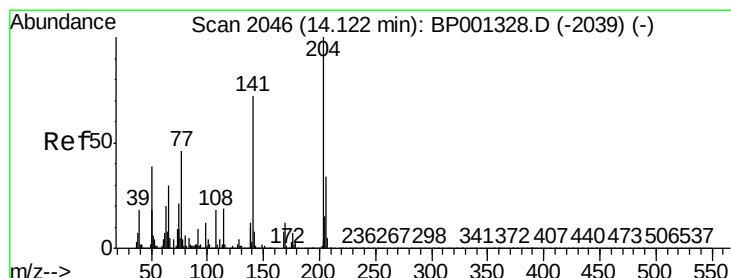
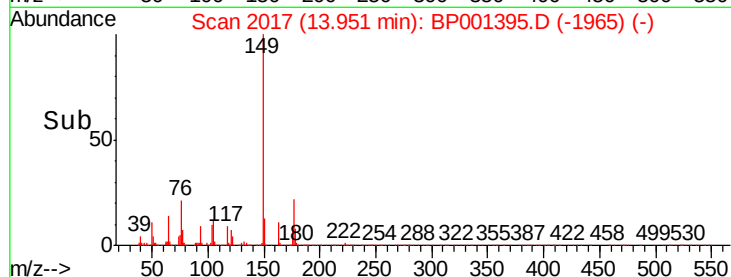
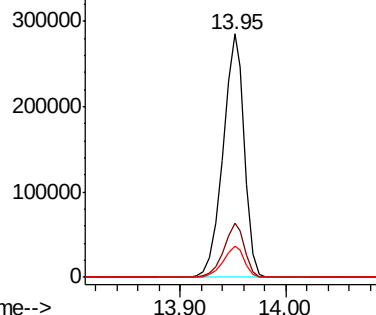
#60
Diethylphthalate
Concen: 44.578 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.6
150	13.0	9.7	14.5

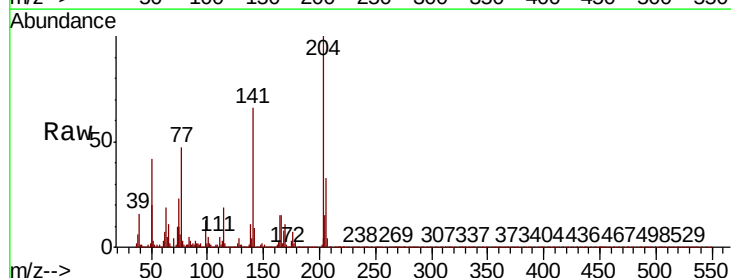


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

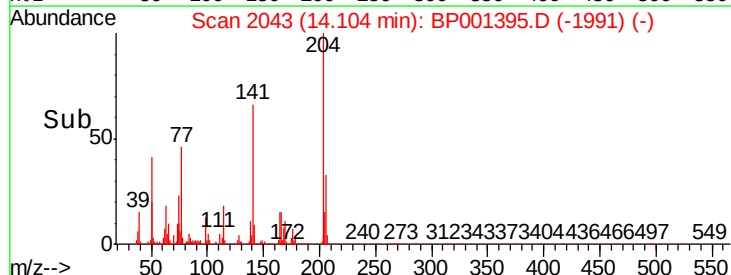
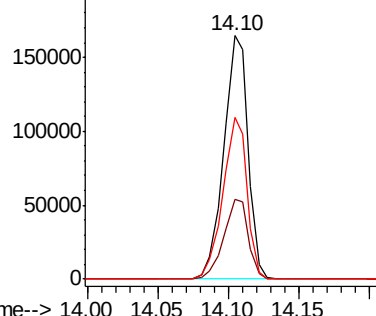


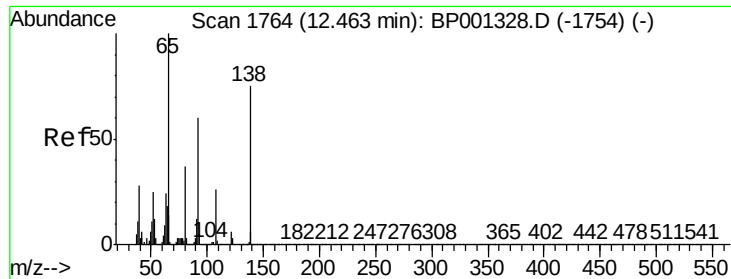
#61
4-Chlorophenyl-phenylether
Concen: 47.940 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	66.5	50.6	75.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 41.654 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampled :

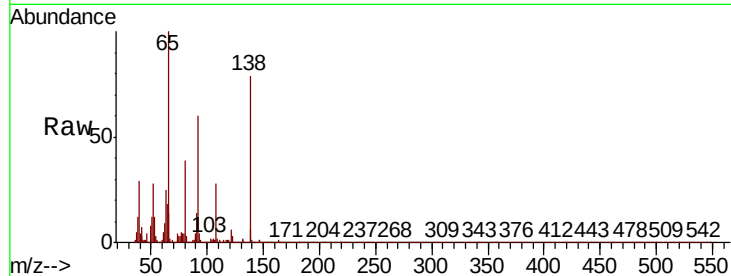
Tot Ion:138 Resp: 91505

Ion Ratio Lower Upper

138 100

92 75.5 45.4 85.4

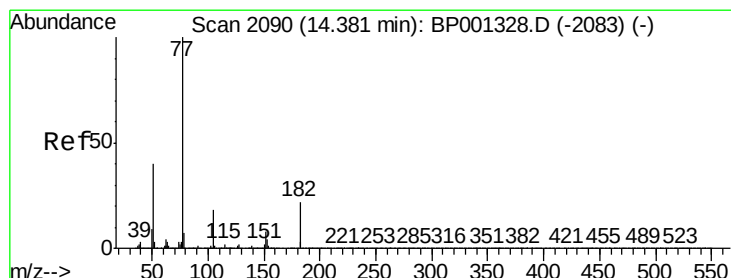
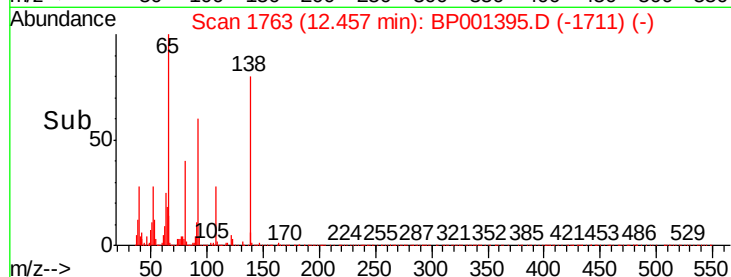
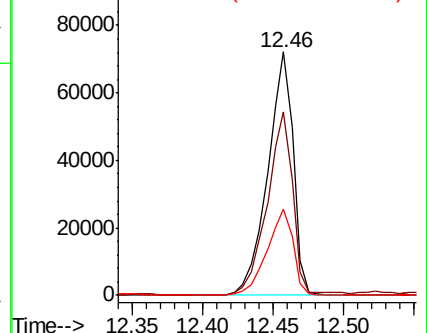
108 35.4 11.4 51.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 44.890 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Tgt Ion: 77 Resp: 424280

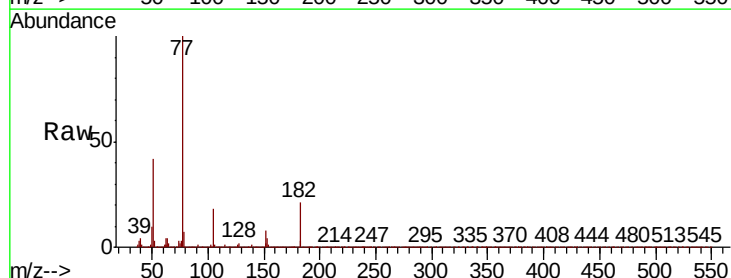
Ion Ratio Lower Upper

77 100

182 20.9 5.8 45.8

105 18.1 0.0 38.8

51 42.0 20.0 60.0

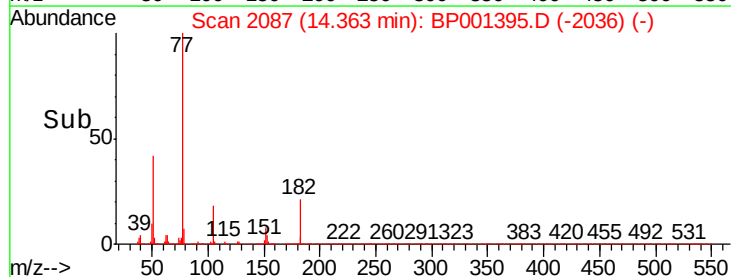
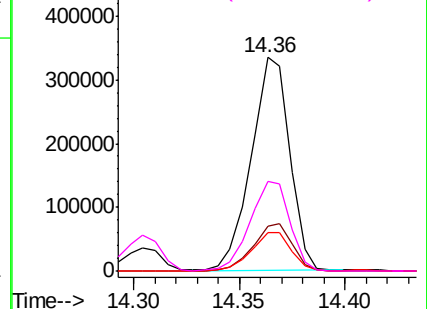


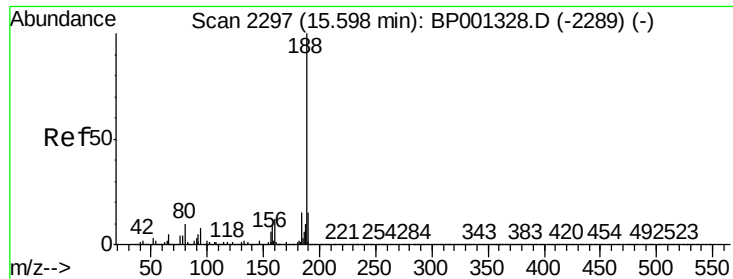
Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0

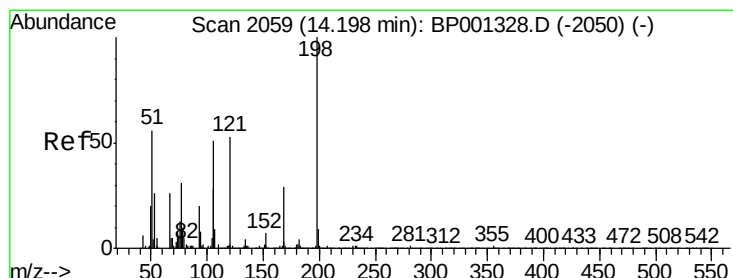
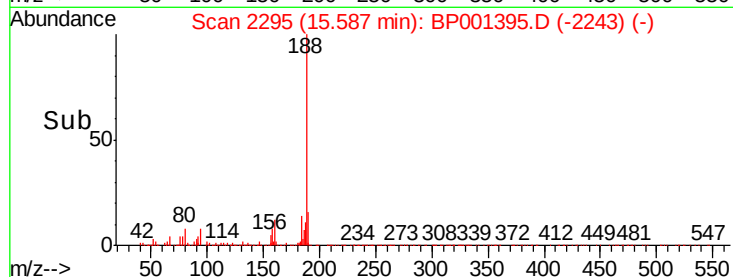
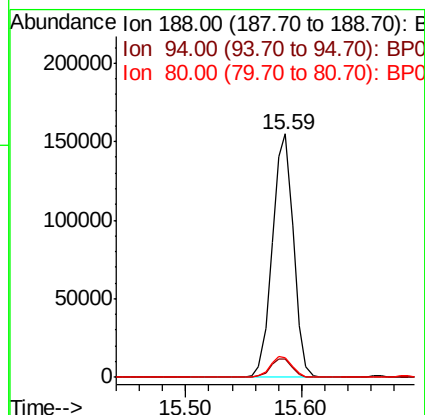
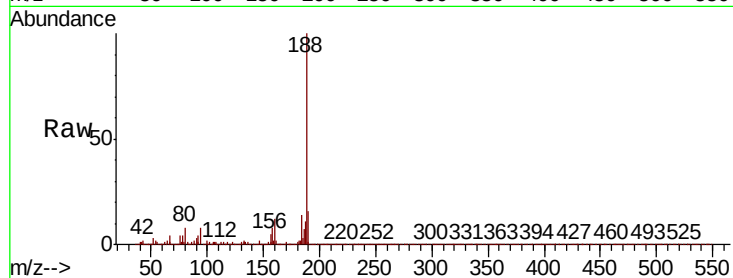




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

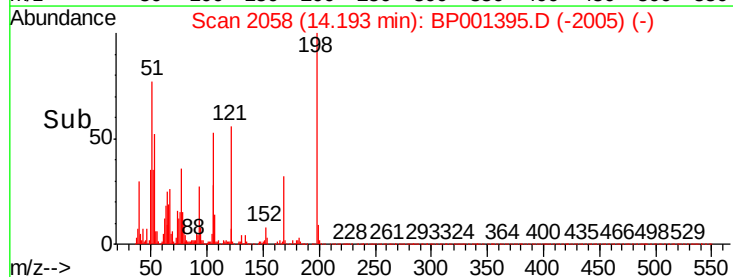
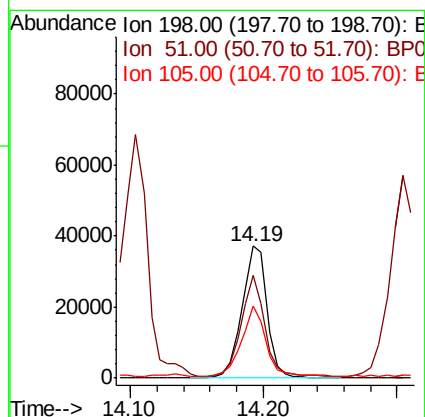
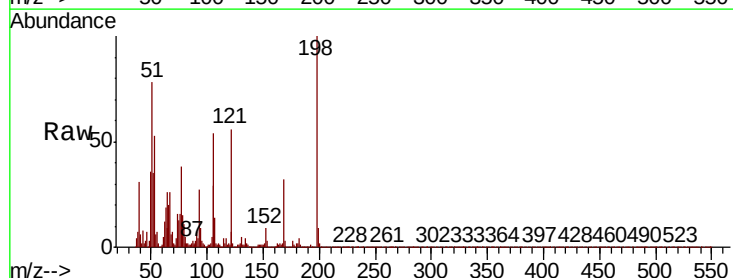
Instrument :
BNA_P
ClientSampled :

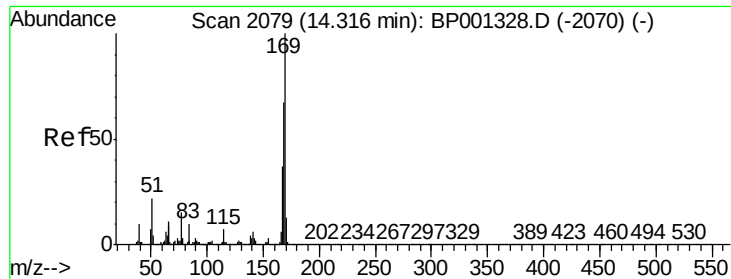
Tot Ion:188 Resp: 197198
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 8.3 5.7 8.5



#65
4,6-Dinitro-2-methylphenol
Concen: 54.742 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:198 Resp: 48347
Ion Ratio Lower Upper
198 100
51 78.2 42.2 82.2
105 54.3 21.5 61.5

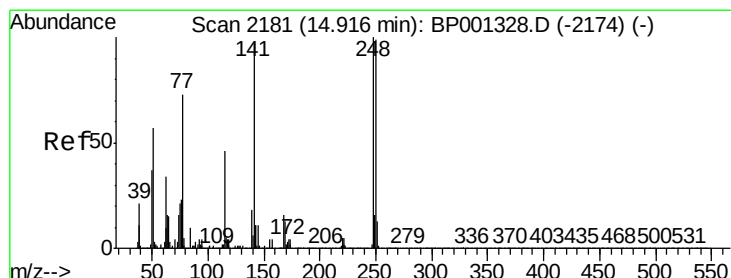
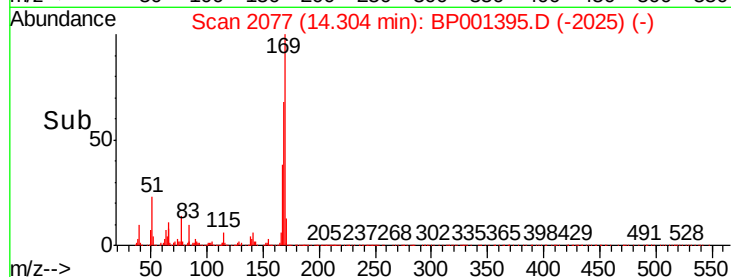
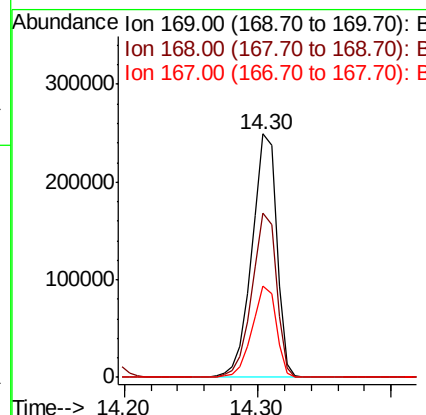
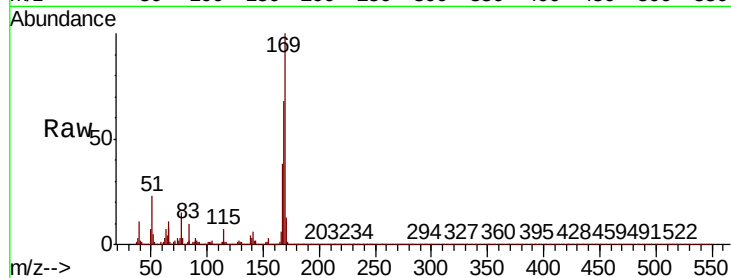




#66
n-Nitrosodiphenylamine
Concen: 50.618 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

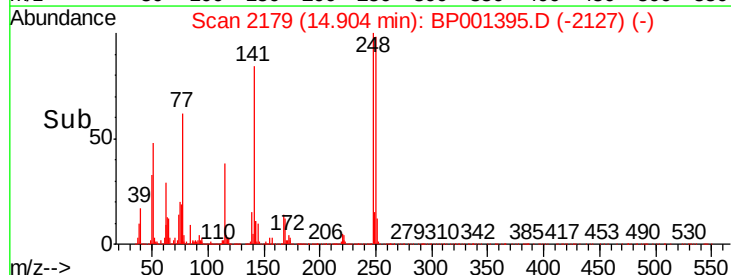
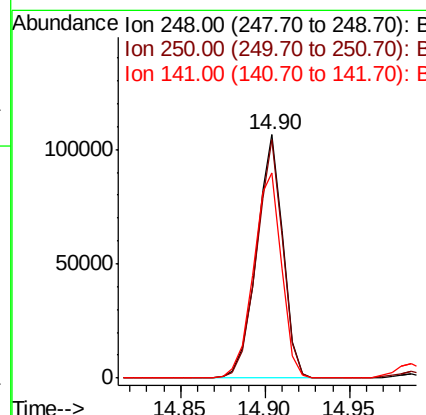
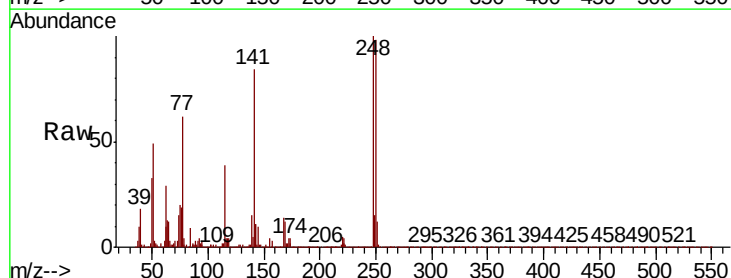
Instrument :
BNA_P
ClientSampleId :

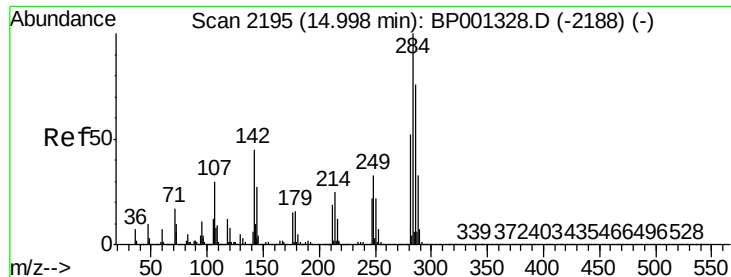
Tot Ion:169 Resp: 316449
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.5 29.3 43.9



#67
4-Bromophenyl-phenylether
Concen: 49.545 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion:248 Resp: 115514
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 84.5 60.7 91.1

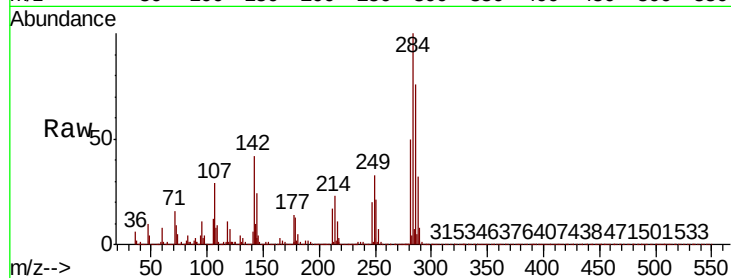




#68
Hexachlorobenzene
Concen: 47.655 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.3	28.7	43.1
249	33.5	27.0	40.4

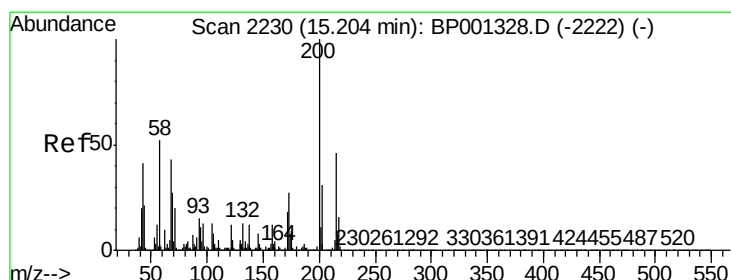
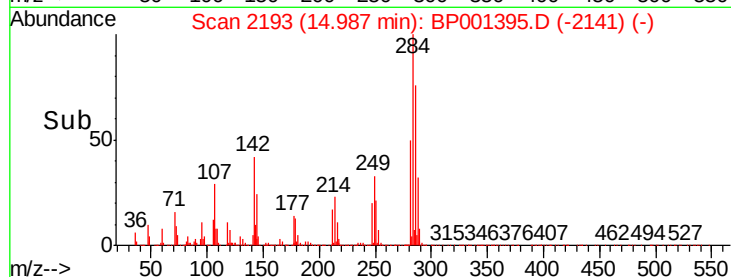
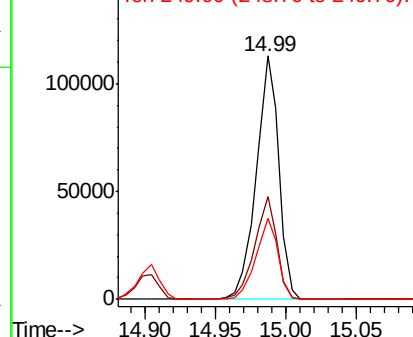


Abundance

Ion 283.80 (283.50 to 284.50): E

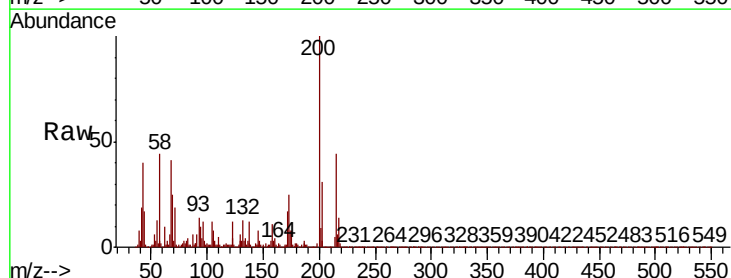
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 45.556 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	3.9	43.9
215	44.4	26.1	66.1

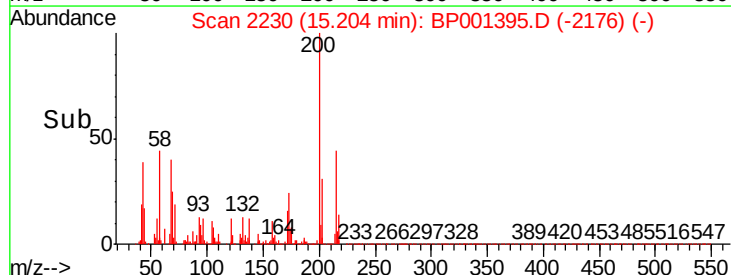
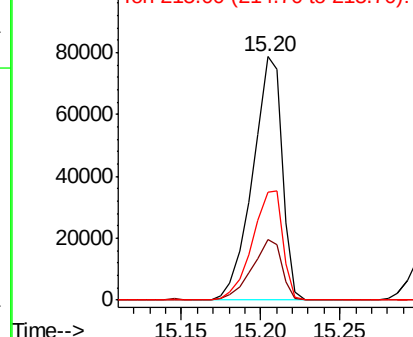


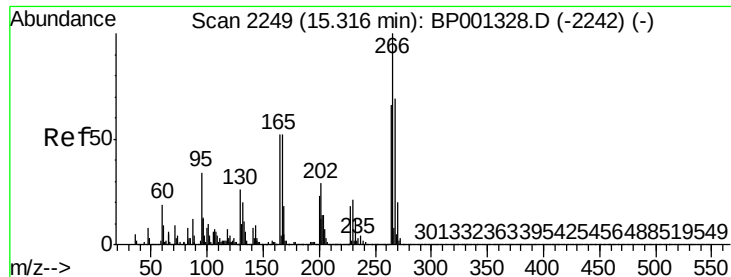
Abundance

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

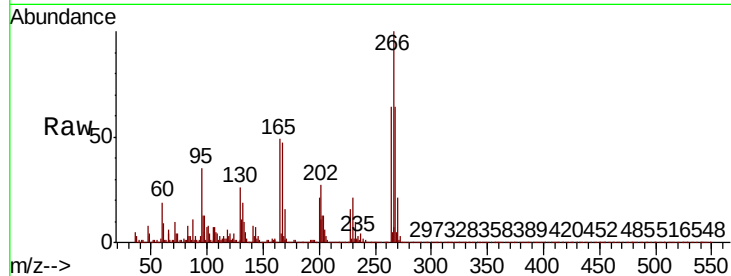




#70
Pentachlorophenol
Concen: 101.391 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	57.0	85.4
264	63.8	50.8	76.2

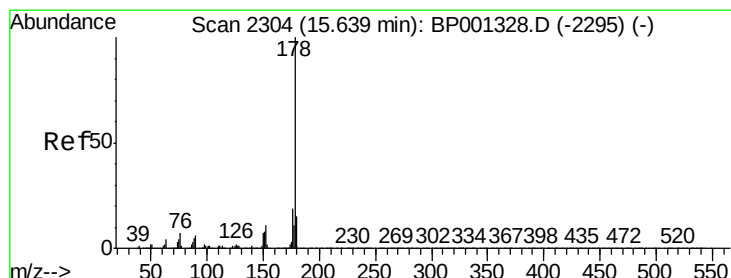
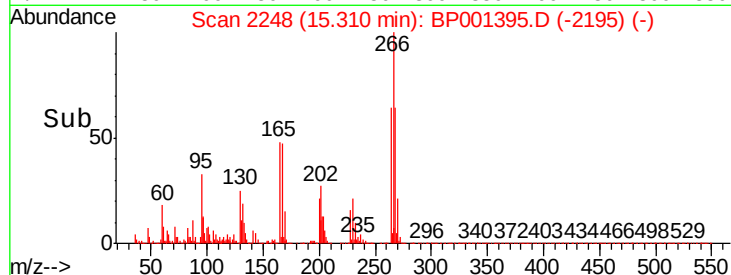
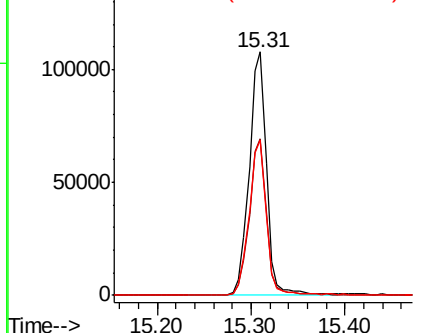


Abundance

Ion 265.70 (265.40 to 266.40): E

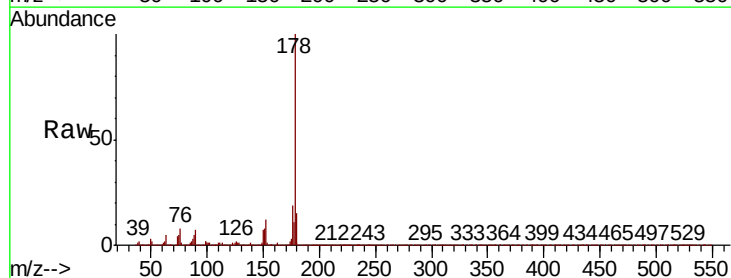
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
Phenanthrene
Concen: 47.140 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	14.9	12.2	18.2

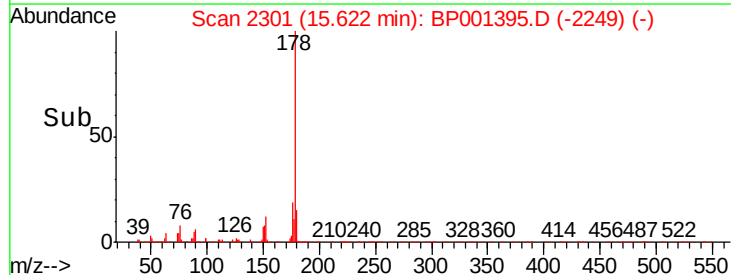
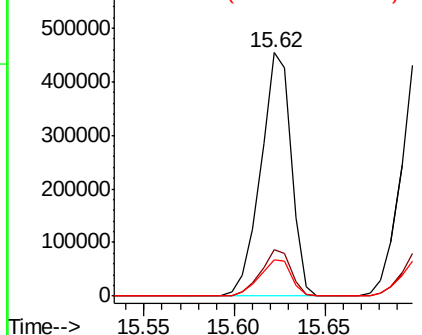


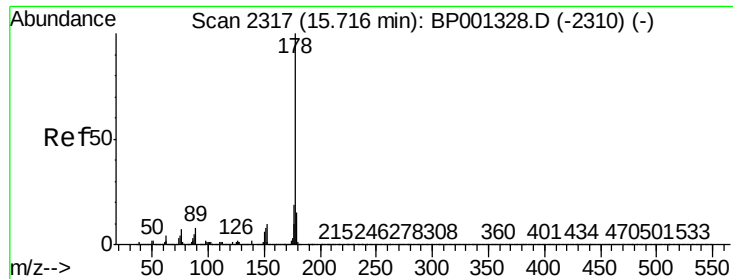
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 48.943 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

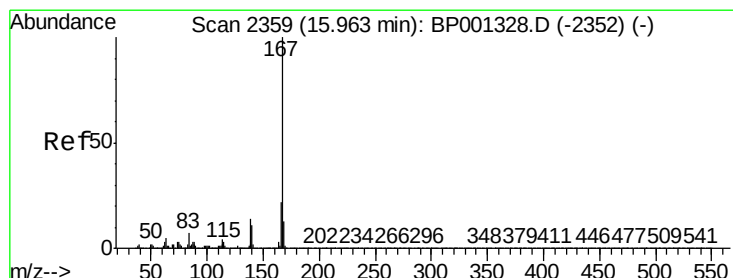
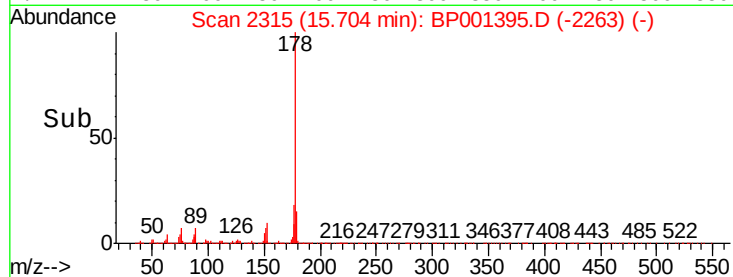
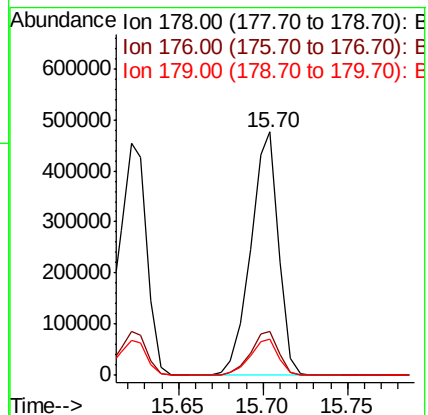
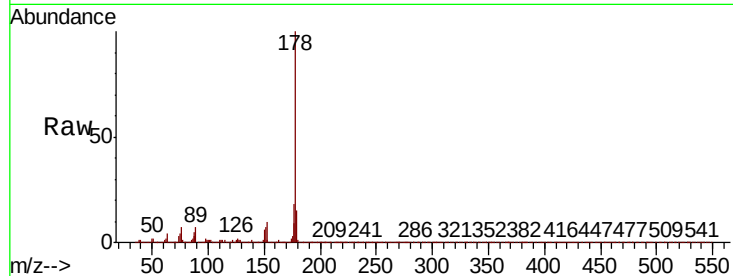
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 545107

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.1	11.8	17.8



#73

Carbazole

Concen: 46.853 ng

RT: 15.95 min Scan# 2357

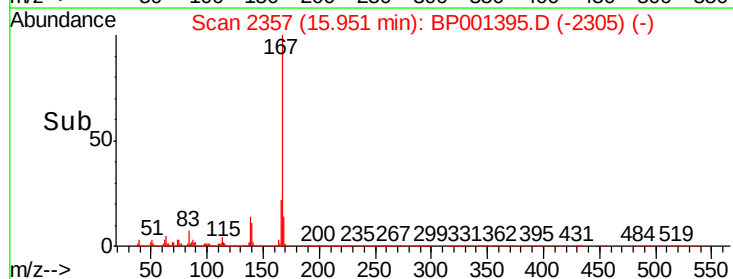
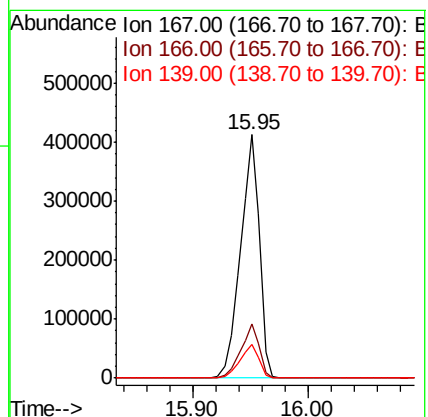
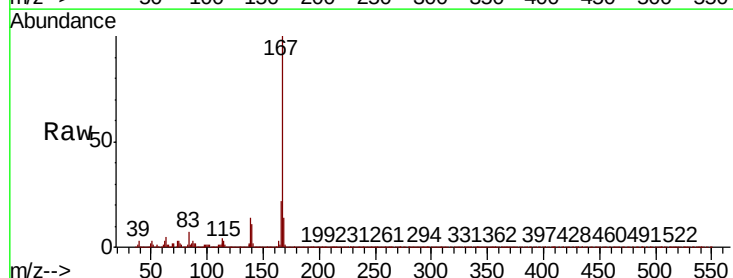
Delta R.T. 0.01 min

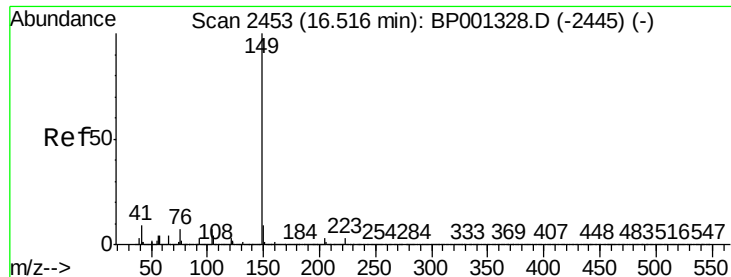
Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Tgt Ion:167 Resp: 465236

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	13.8	10.9	16.3





#74

Di-n-butylphthalate

Concen: 46.021 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

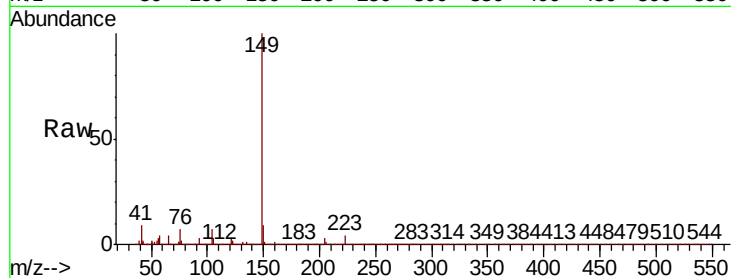
Tot Ion:149 Resp: 627108

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.6

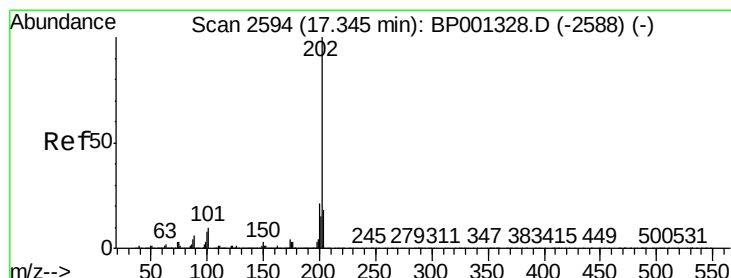
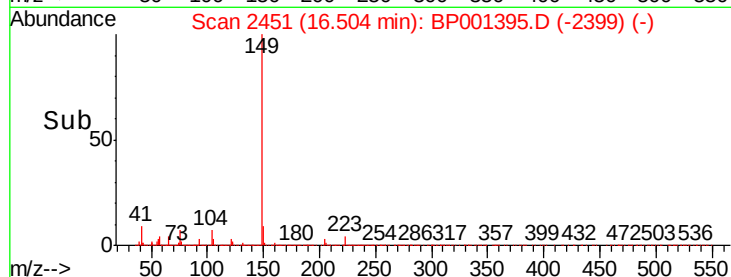
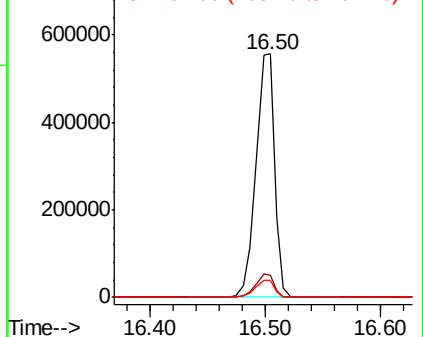
104 6.8 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 43.966 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

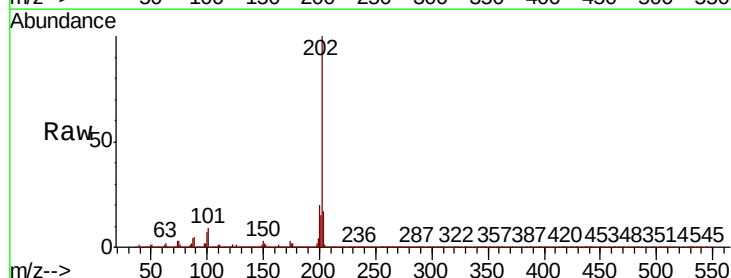
Tgt Ion:202 Resp: 553100

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.7

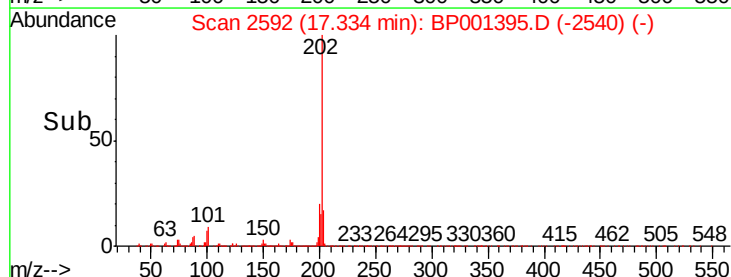
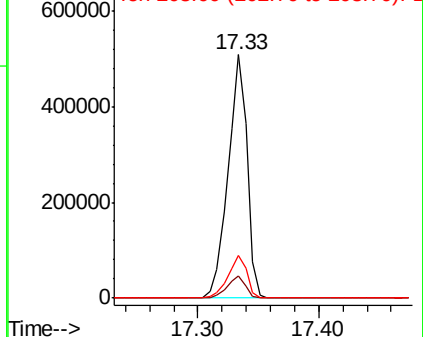
203 17.4 0.0 37.4

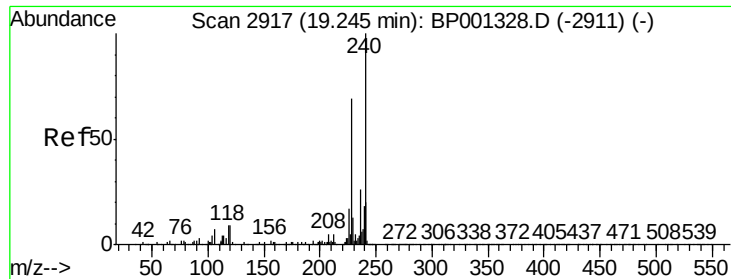


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

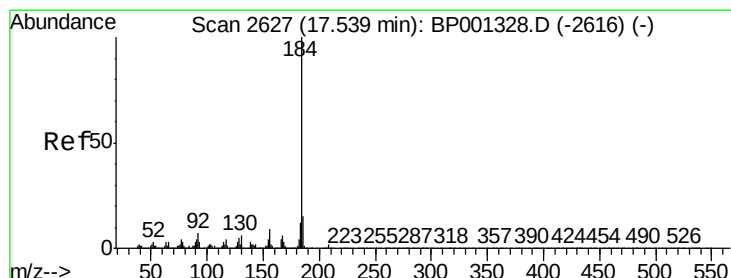
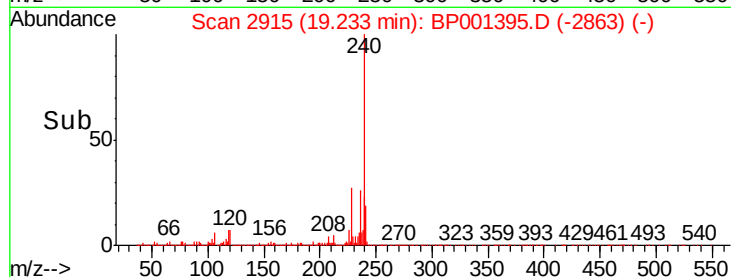
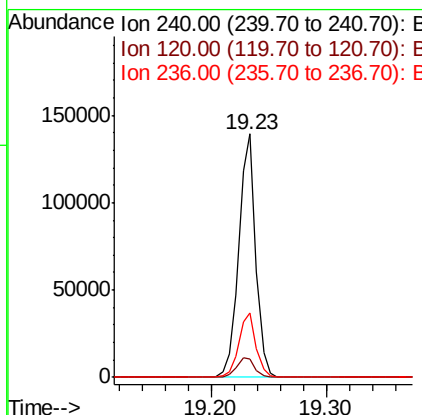
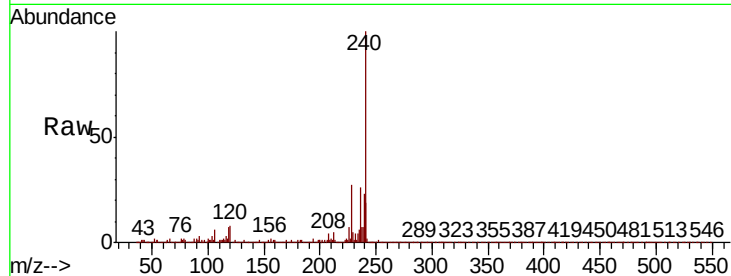




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.23 min Scan# 2915
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

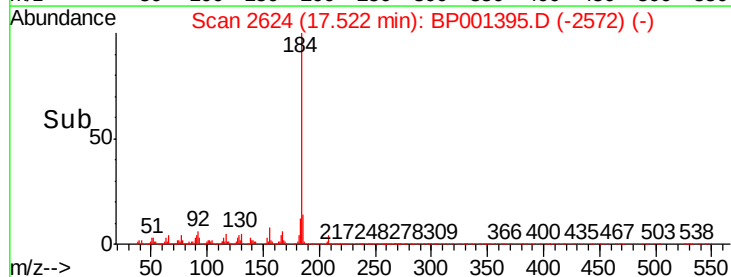
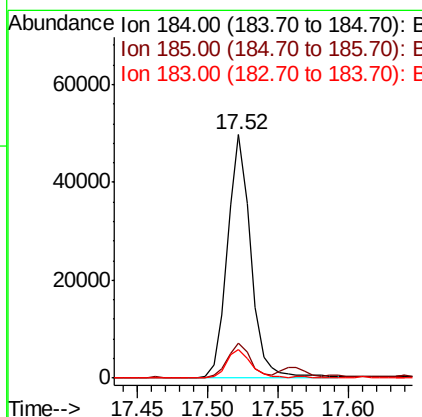
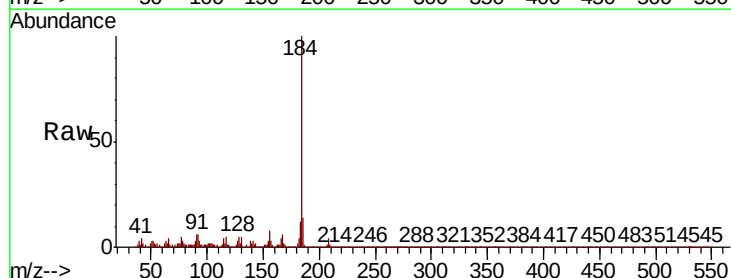
Instrument :
 BNA_P
 ClientSampleId :

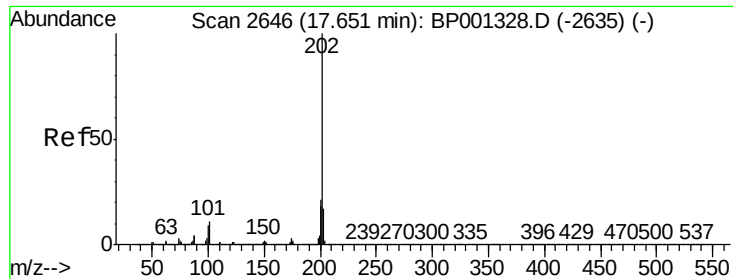
Tot Ion:240 Resp: 141079
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.2 9.2
 236 26.4 20.2 30.2



#77
 Benzidine
 Concen: 13.895 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion:184 Resp: 57074
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.8 17.8
 183 11.5 9.6 14.4

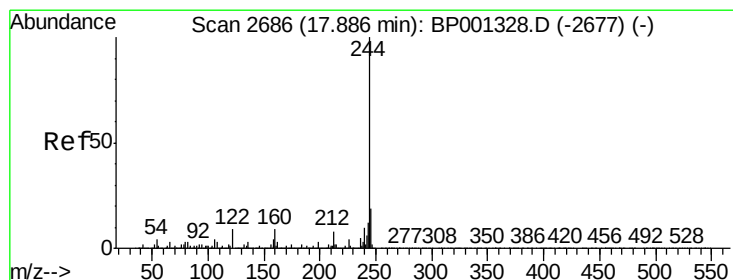
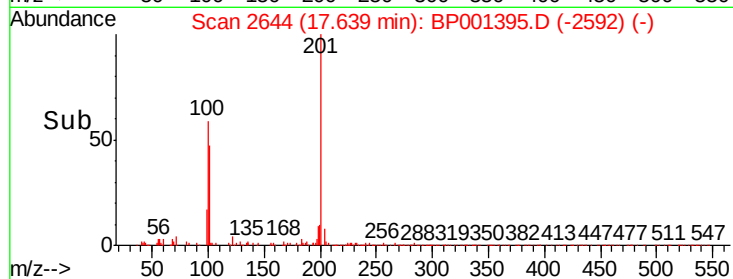
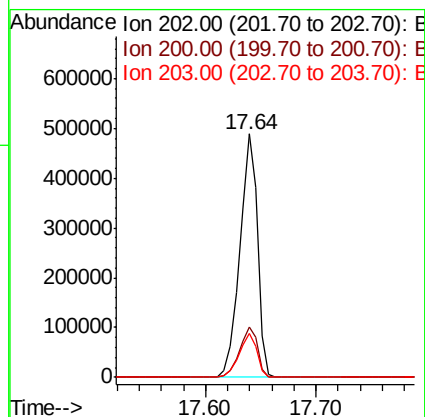
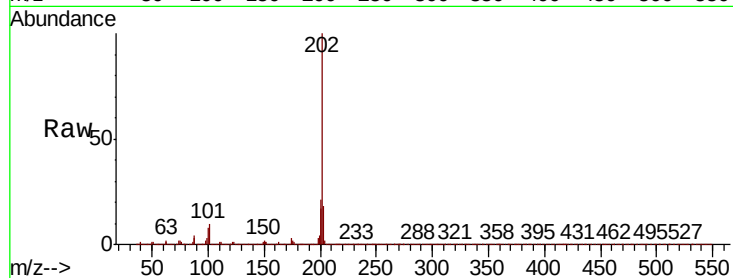




#78
Pvrene
Concen: 49.947 ng
RT: 17.64 min Scan# 2644
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

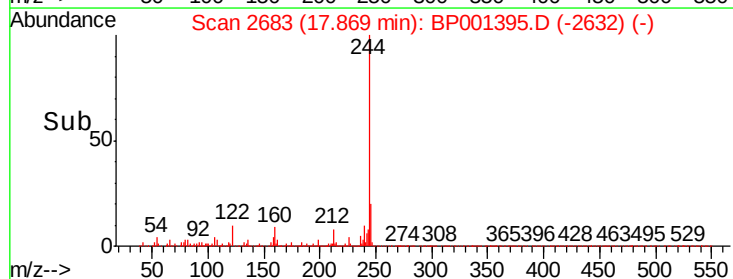
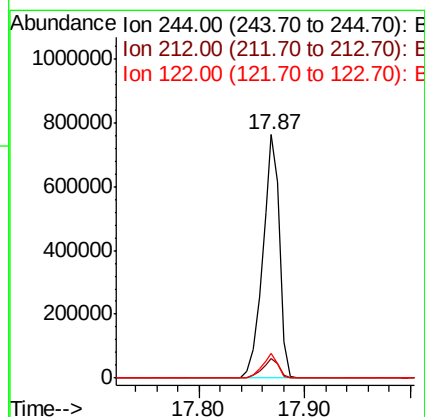
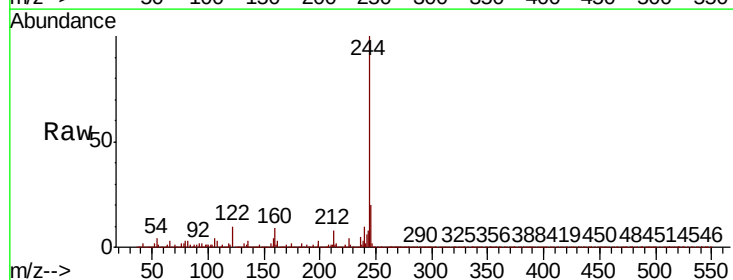
Instrument :
BNA_P
ClientSampleId :

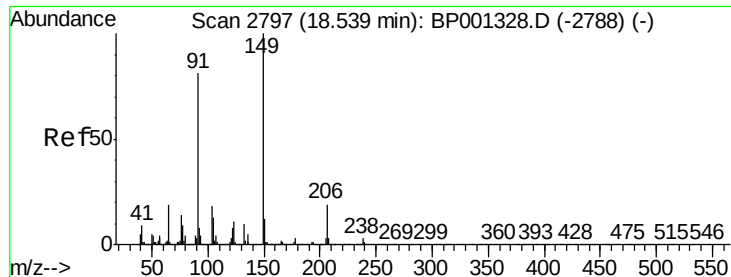
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.9	14.3	21.5



#79
Terphenyl-d14
Concen: 102.390 ng
RT: 17.87 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	10.3	6.4	9.6

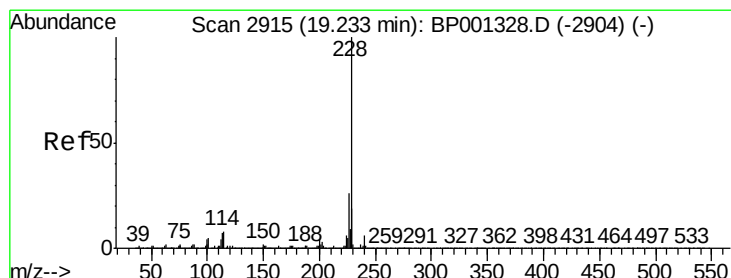
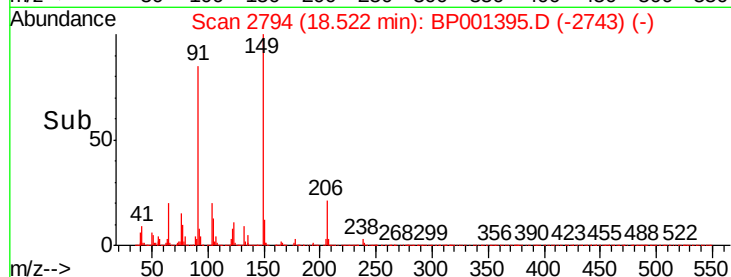
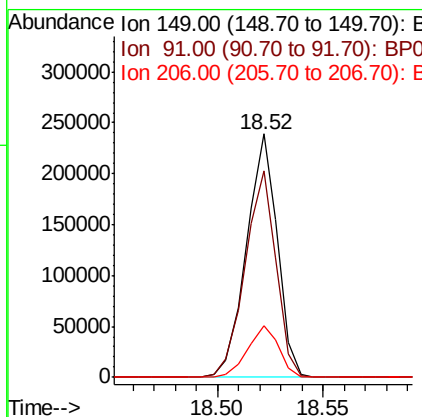
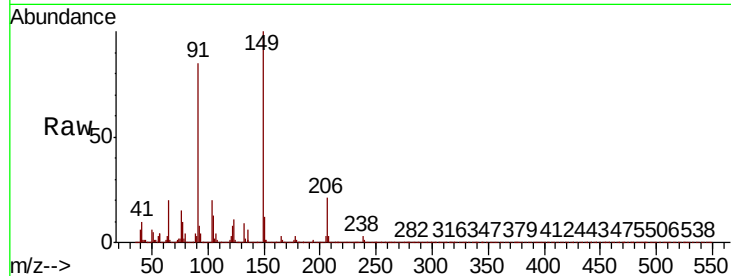




#80
 Butylbenzylphthalate
 Concen: 47.345 ng
 RT: 18.52 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

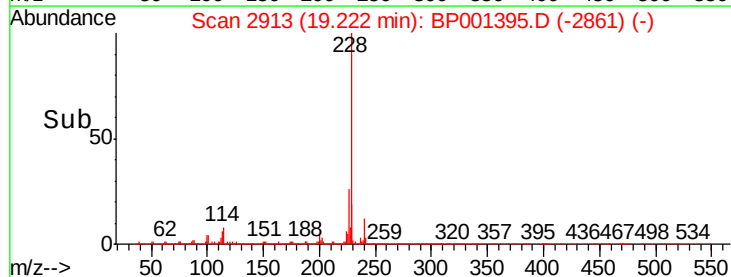
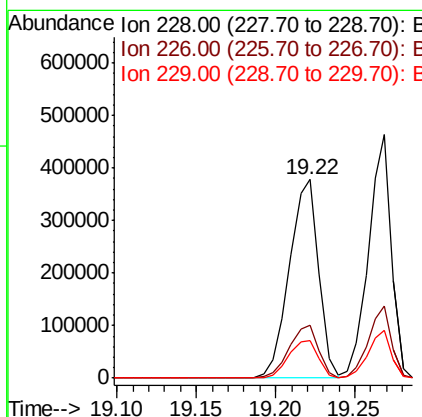
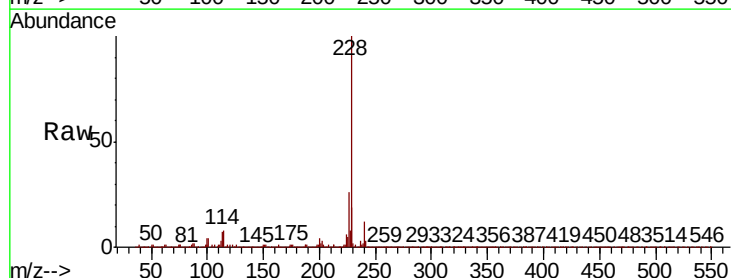
Instrument :
 BNA_P
 ClientSampleId :

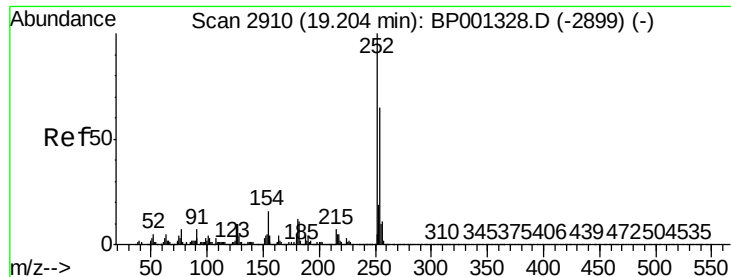
Tot Ion:149 Resp: 241778
 Ion Ratio Lower Upper
 149 100
 91 84.9 59.8 89.6
 206 21.4 18.3 27.5



#81
 Benzo(a)anthracene
 Concen: 46.645 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion:228 Resp: 479514
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.4 32.2
 229 18.9 15.7 23.5

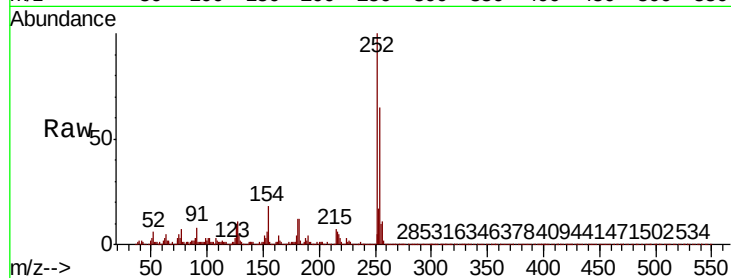




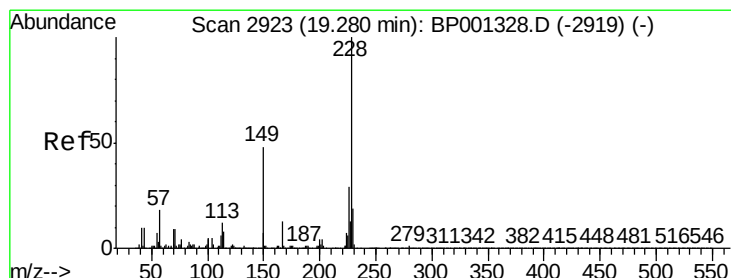
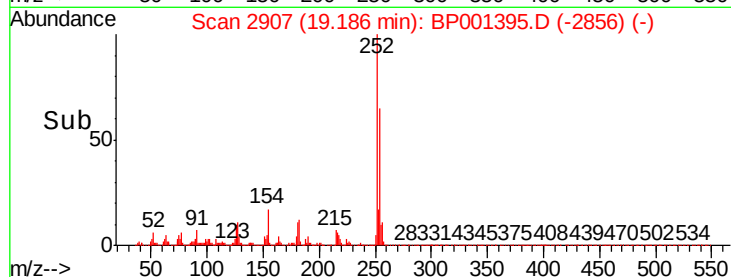
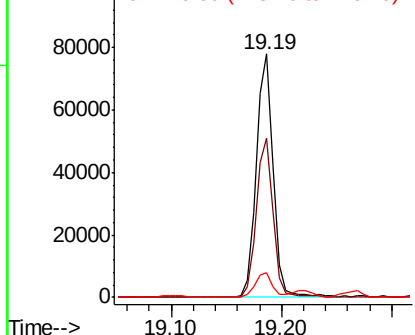
#82
 3,3'-Dichlorobenzidine
 Concen: 23.525 ng
 RT: 19.19 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:252 Resp: 83979
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.3 78.5
 126 10.0 7.3 10.9

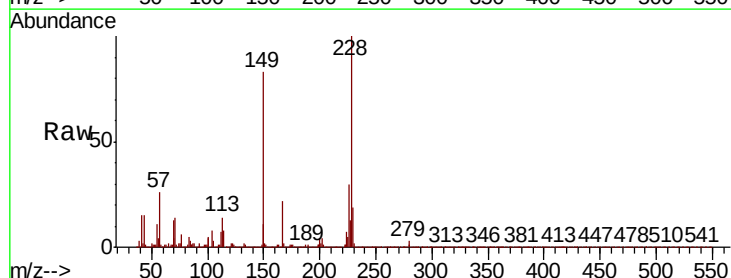


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

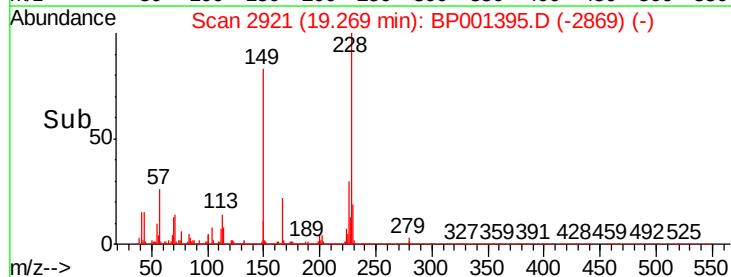
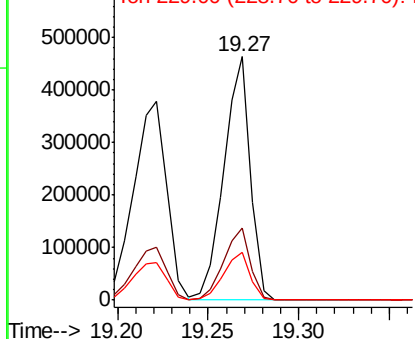


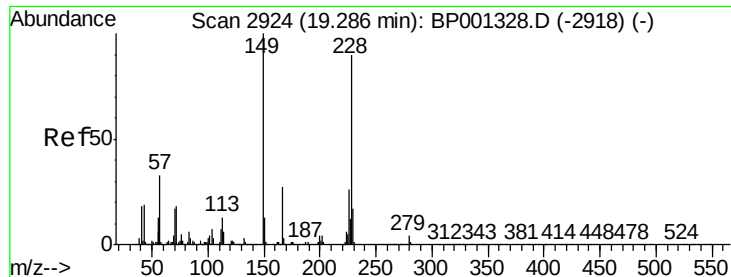
#83
 Chrysene
 Concen: 47.142 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001395.D
 Acq: 24 Dec 2019 19:34

Tgt Ion:228 Resp: 467775
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.2
 229 19.5 15.5 23.3



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: 50.542 ng

RT: 19.27 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampled :

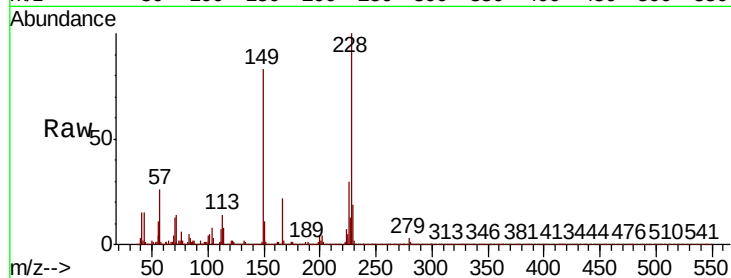
Tot Ion:149 Resp: 378742

Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.8 3.2 4.8

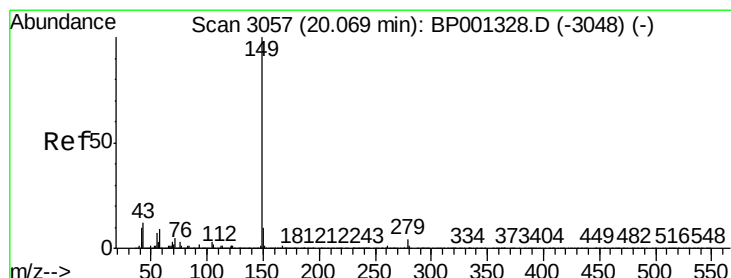
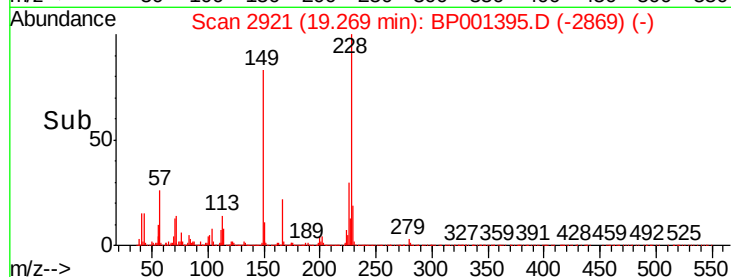
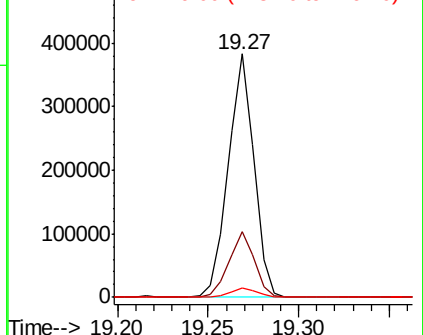


Abundance

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: 48.304 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

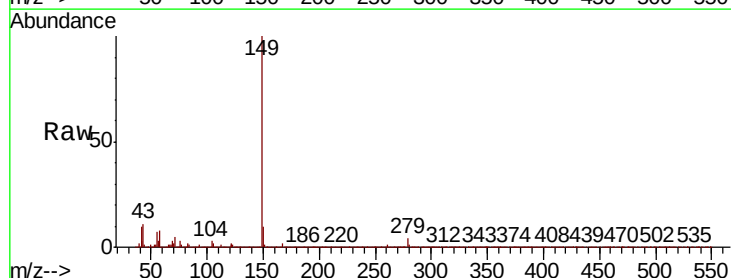
Tgt Ion:149 Resp: 599947

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 12.2 8.6 13.0

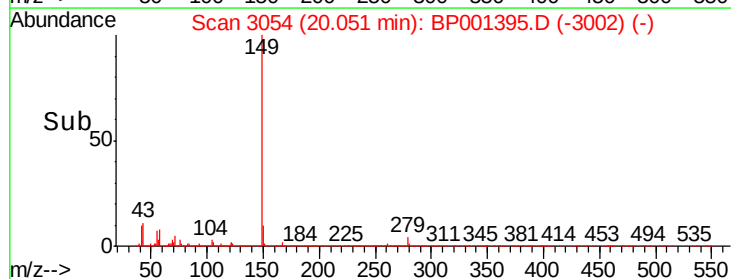
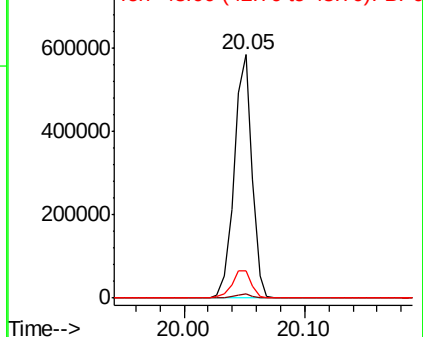


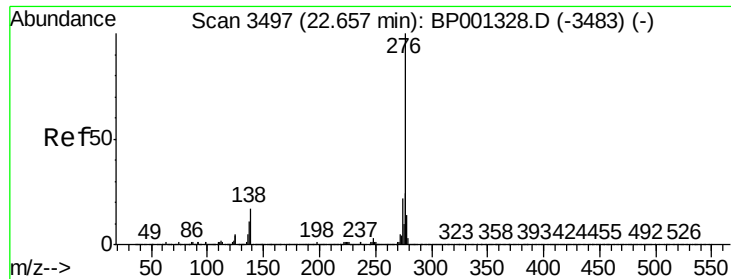
Abundance

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): BPO





#86

Indeno(1,2,3-cd)pyrene

Concen: 42.975 ng

RT: 22.63 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

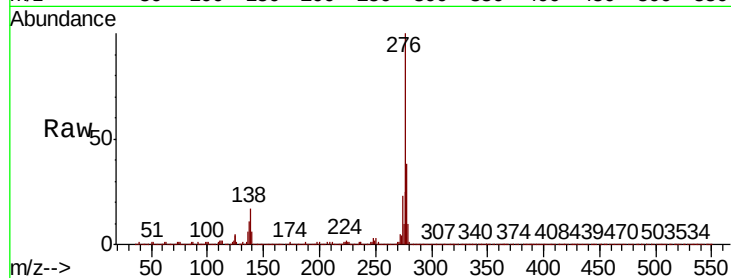
Tot Ion:276 Resp: 460540

Ion Ratio Lower Upper

276 100

138 18.3 12.8 19.2

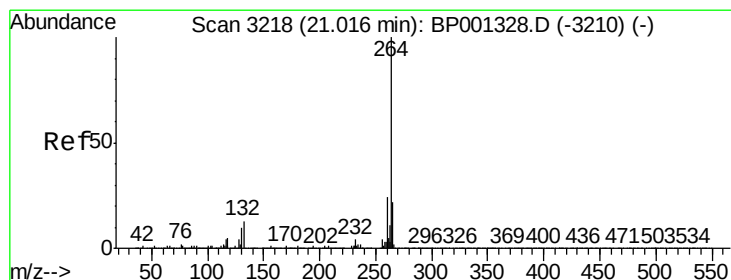
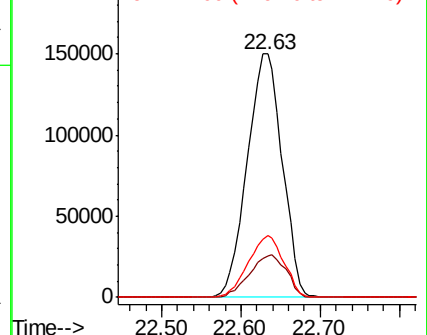
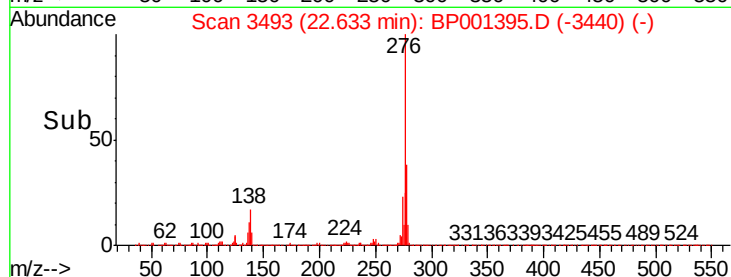
277 25.6 19.9 29.9



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

Perylene-d12

Concen: 20.000 ng

RT: 21.00 min Scan# 3215

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

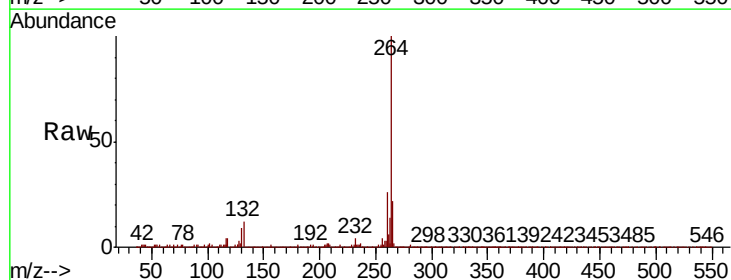
Tgt Ion:264 Resp: 138660

Ion Ratio Lower Upper

264 100

260 26.0 19.0 28.4

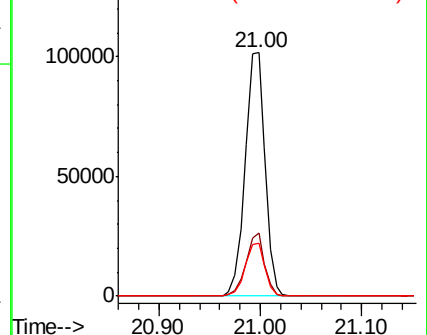
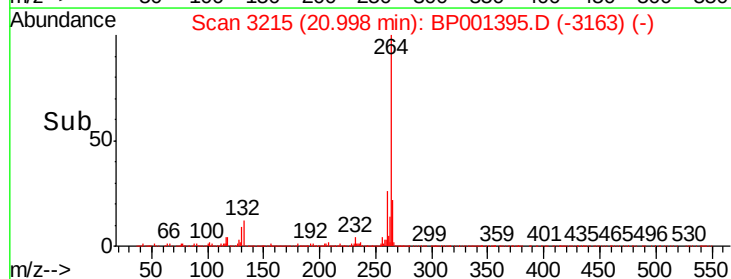
265 21.9 17.0 25.4

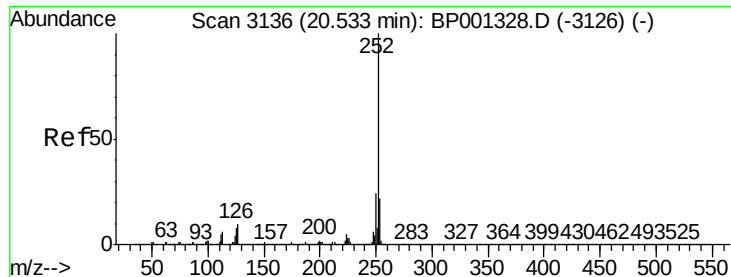


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

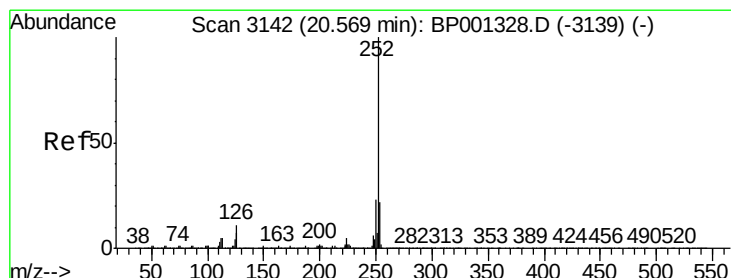
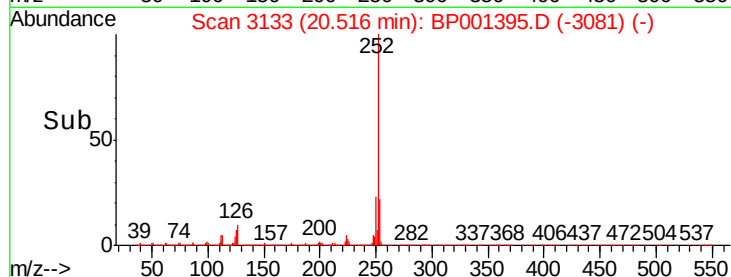
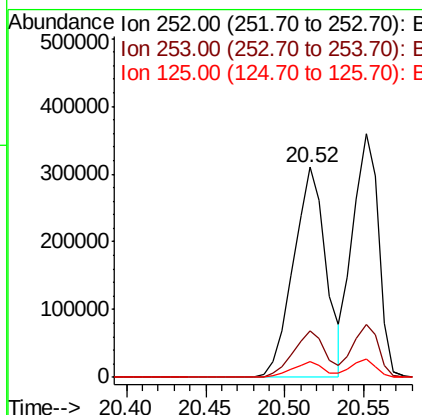
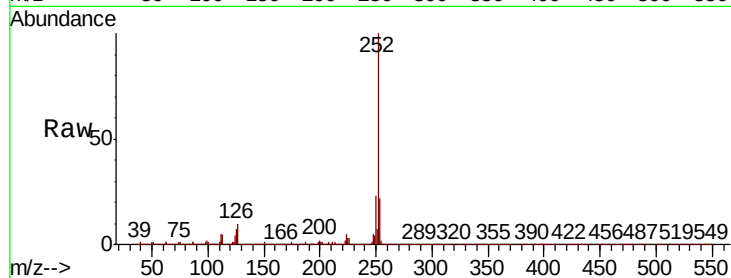




#88
Benzo(b)fluoranthene
Concen: 48.716 ng
RT: 20.52 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

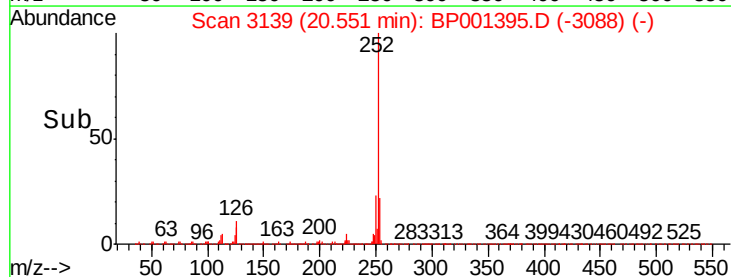
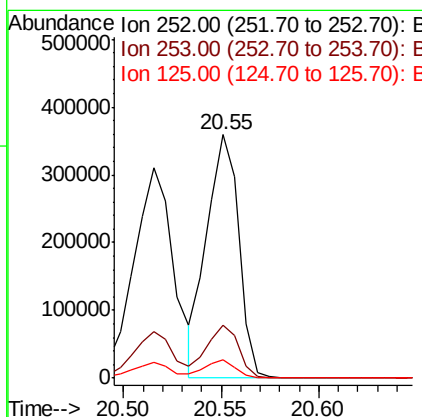
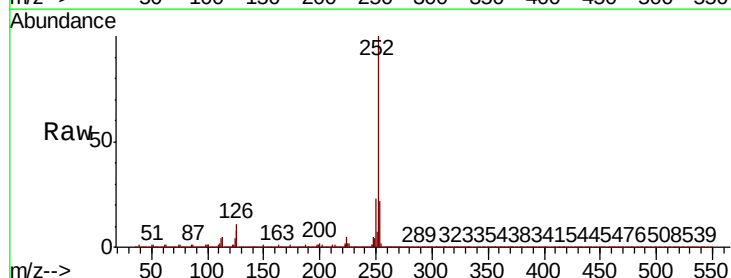
Instrument :
BNA_P
ClientSampleId :

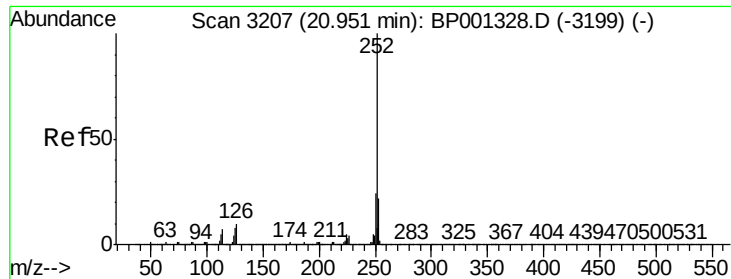
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	7.3	5.6	8.4



#89
Benzo(k)fluoranthene
Concen: 47.153 ng
RT: 20.55 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BP001395.D
Acq: 24 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.7	4.5	6.7#





#90

Benzo(a)pyrene

Concen: 45.789 ng

RT: 20.93 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

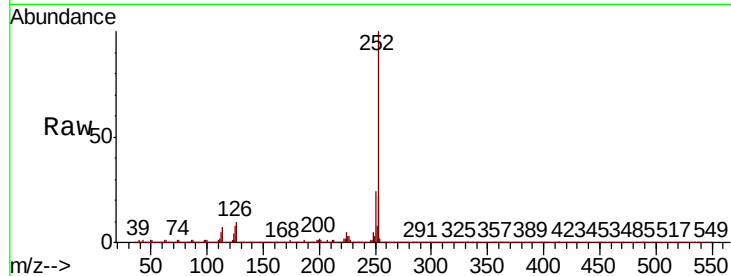
Tot Ion:252 Resp: 379844

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

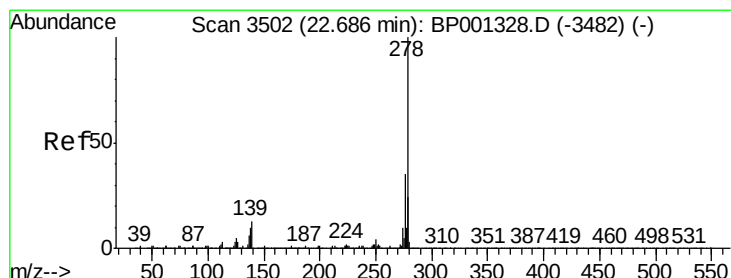
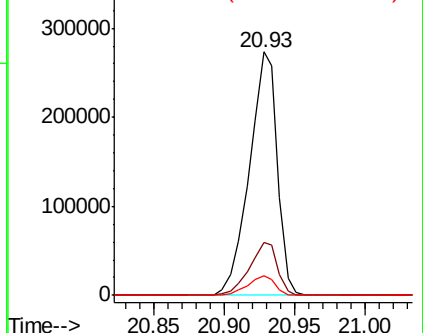
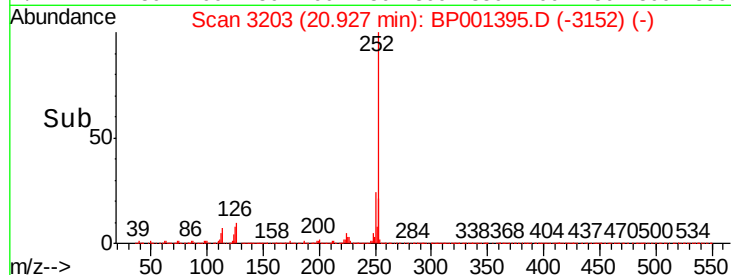
125 8.3 5.2 7.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 48.164 ng

RT: 22.66 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

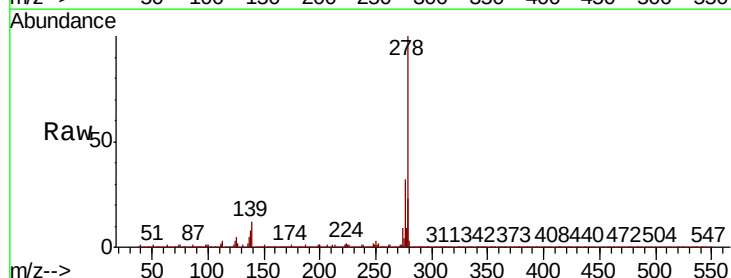
Tgt Ion:278 Resp: 390651

Ion Ratio Lower Upper

278 100

139 12.1 8.3 12.5

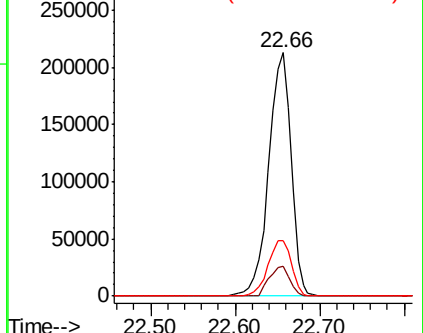
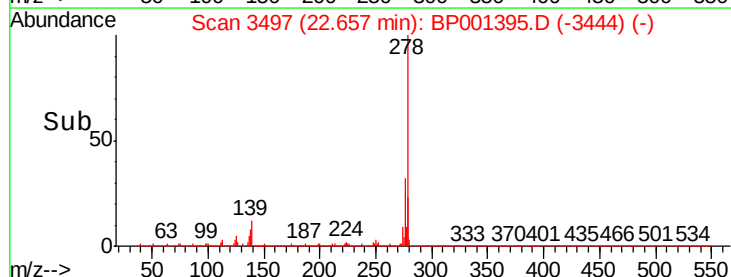
279 23.0 19.1 28.7

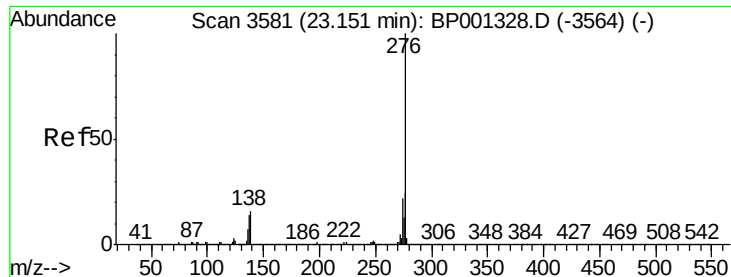


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 48.458 ng

RT: 23.12 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BP001395.D

Acq: 24 Dec 2019 19:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 276 Resp: 375566

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 15.6 10.5 15.7

