

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001228.D
 Acq On : 06 Dec 2019 14:22
 Operator : JU
 Sample : PB125231BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 14:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	100123	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	412496	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	246184	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	494524	20.00	ng	0.00
76) Chrysene-d12	19.25	240	424149	20.00	ng	-0.01
87) Perylene-d12	21.02	264	333426	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	748632	124.05	ng	0.00
7) Phenol-d6	7.76	99	988770	122.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	568047	59.75	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	297923	126.26	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	977318	58.10	ng	-0.01
79) Terphenyl-d14	17.89	244	1306539	56.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	70239	24.918	ng	96
3) Pyridine	3.43	79	175328	22.415	ng	95
4) n-Nitrosodimethylamine	3.33	42	152894	45.171	ng	90
6) Aniline	7.78	93	298850	28.035	ng	# 1
8) 2-Chlorophenol	7.97	128	270651	43.347	ng	97
9) Benzaldehyde	7.59	77	52872	5.489	ng	97
10) Phenol	7.78	94	386997	42.317	ng	98
11) bis(2-Chloroethyl)ether	7.91	93	282719	39.700	ng	99
12) 1,3-Dichlorobenzene	8.21	146	264698	35.767	ng	99
13) 1,4-Dichlorobenzene	8.33	146	274693	36.846	ng	99
14) 1,2-Dichlorobenzene	8.57	146	268216	38.228	ng	98
15) Benzyl Alcohol	8.54	79	310078	46.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	437119	38.179	ng	99
17) 2-Methylphenol	8.73	107	244060	42.612	ng	99
18) Hexachloroethane	9.11	117	115458	37.437	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	240789	41.505	ng	99
20) 3+4-Methylphenols	8.97	107	315576	43.709	ng	99
22) Acetophenone	8.95	105	448690	37.009	ng	98
24) Nitrobenzene	9.22	77	366794	38.797	ng	98
25) Isophorone	9.62	82	650994	38.184	ng	100
26) 2-Nitrophenol	9.73	139	141193	40.772	ng	99
27) 2,4-Dimethylphenol	9.82	122	244549	44.583	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	366852	34.295	ng	99
29) 2,4-Dichlorophenol	10.12	162	246850	39.540	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	261522	35.865	ng	99
31) Naphthalene	10.37	128	777885	36.924	ng	99
32) Benzoic acid	10.02	122	172346	43.460	ng	98
33) 4-Chloroaniline	10.47	127	234499	25.650	ng	100
34) Hexachlorobutadiene	10.60	225	167651	36.549	ng	95
35) Caprolactam	11.05	113	47326	21.995	ng	96
36) 4-Chloro-3-methylphenol	11.28	107	305107	41.220	ng	99
37) 2-Methylnaphthalene	11.50	142	550027	38.262	ng	98
38) 1-Methylnaphthalene	11.66	142	513243	37.795	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	279049	35.968	ng	98

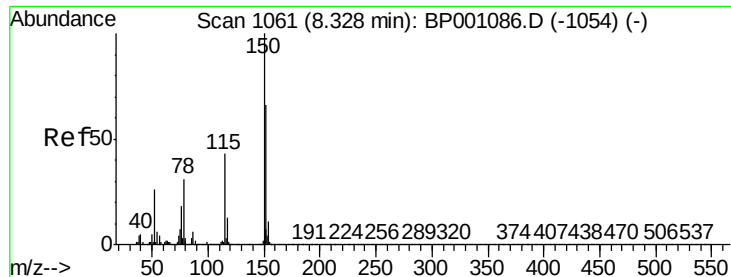
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001228.D
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 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	225007	62.866	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	192220	37.945	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	204194	38.904	ng	99
46) 1,1'-Biphenyl	12.27	154	683564	35.928	ng	99
47) 2-Chloronaphthalene	12.30	162	533811	35.125	ng	99
48) 2-Nitroaniline	12.47	65	228830	38.419	ng	99
49) Acenaphthylene	12.97	152	847421	37.200	ng	99
50) Dimethylphthalate	12.80	163	693562	37.669	ng	100
51) 2,6-Dinitrotoluene	12.88	165	147028	37.303	ng	98
52) Acenaphthene	13.26	154	492150	35.915	ng	99
53) 3-Nitroaniline	13.14	138	115651	26.121	ng	97
54) 2,4-Dinitrophenol	13.32	184	133060	82.415	ng	91
55) Dibenzofuran	13.55	168	778463	37.805	ng	99
56) 4-Nitrophenol	13.45	139	254572	81.142	ng	92
57) 2,4-Dinitrotoluene	13.54	165	202164	40.921	ng	93
58) Fluorene	14.10	166	624712	37.861	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	175073	40.578	ng	98
60) Diethylphthalate	13.97	149	716283	37.571	ng	99
61) 4-Chlorophenyl-phenylether	14.12	204	315741	37.578	ng	97
62) 4-Nitroaniline	12.47	138	180383	35.140	ng	99
63) Azobenzene	14.39	77	785736	38.129	ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	94210	44.887	ng	91
66) n-Nitrosodiphenylamine	14.32	169	552320	36.758	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	192587	35.871	ng	96
68) Hexachlorobenzene	15.00	284	210658	35.690	ng	97
69) Atrazine	15.22	200	189428	41.289	ng	99
70) Pentachlorophenol	15.32	266	268045	87.131	ng	99
71) Phenanthrene	15.64	178	967978	37.232	ng	99
72) Anthracene	15.72	178	975898	38.083	ng	99
73) Carbazole	15.96	167	905704	38.841	ng	100
74) Di-n-butylphthalate	16.52	149	1213624	38.710	ng	99
75) Fluoranthene	17.35	202	1118975	40.655	ng	99
77) Benzidine	17.53	184	196096	17.906	ng	99
78) Pyrene	17.66	202	1142804	34.209	ng	99
80) Butylbenzylphthalate	18.54	149	539115	34.939	ng	98
81) Benzo(a)anthracene	19.23	228	1043092	35.470	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	348544	35.876	ng	99
83) Chrysene	19.28	228	949991	36.075	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	770073	36.299	ng	99
85) Di-n-octyl phthalate	20.07	149	1336706	35.470	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	1016991	32.769	ng	99
88) Benzo(b)fluoranthene	20.53	252	965999	47.433	ng	99
89) Benzo(k)fluoranthene	20.57	252	966339	49.265	ng	99
90) Benzo(a)pyrene	20.94	252	862167	45.961	ng	98
91) Dibenzo(a,h)anthracene	22.69	278	863254	47.024	ng	99
92) Benzo(g,h,i)perylene	23.15	276	848235	46.794	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

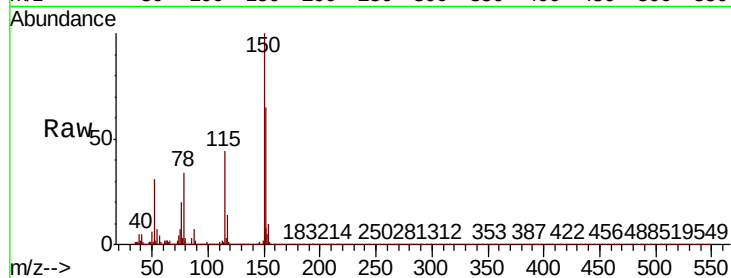
Tot Ion:152 Resp: 100123

Ion Ratio Lower Upper

152 100

150 153.4 127.3 190.9

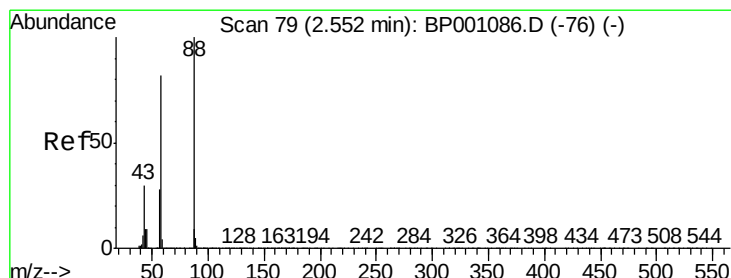
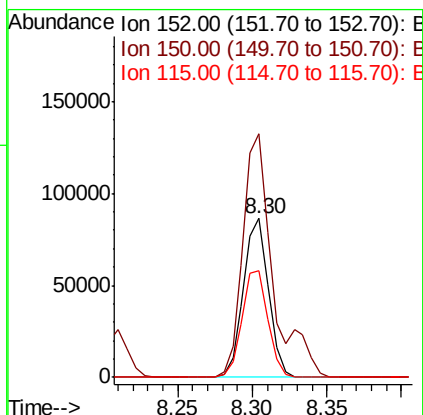
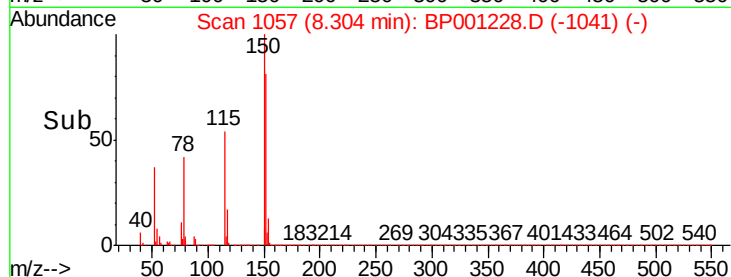
115 66.9 56.0 84.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.918 ng

RT: 2.58 min Scan# 83

Delta R.T. 0.04 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

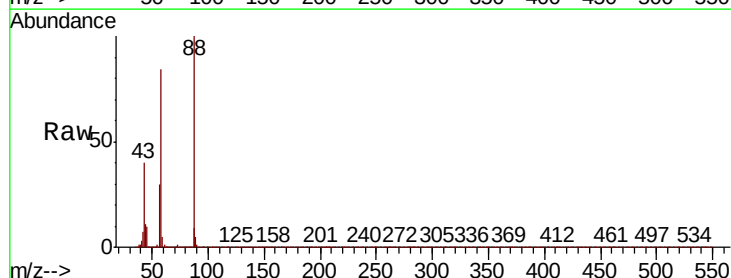
Tgt Ion: 88 Resp: 70239

Ion Ratio Lower Upper

88 100

58 87.4 67.8 101.6

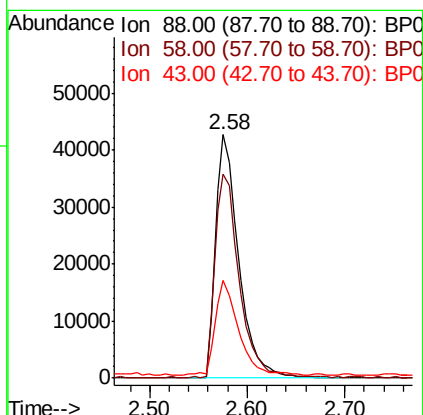
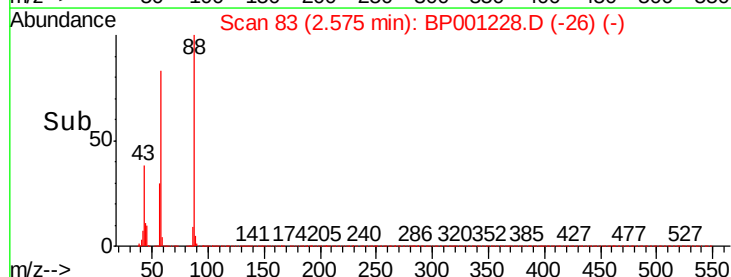
43 38.4 28.0 42.0

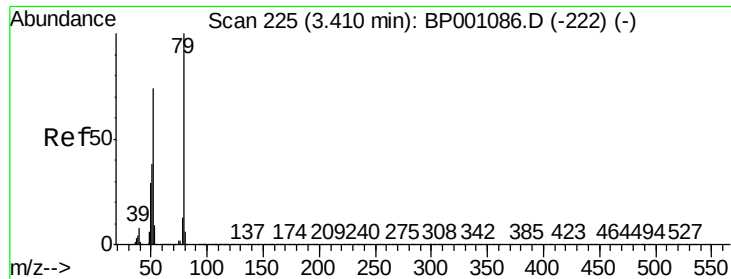


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

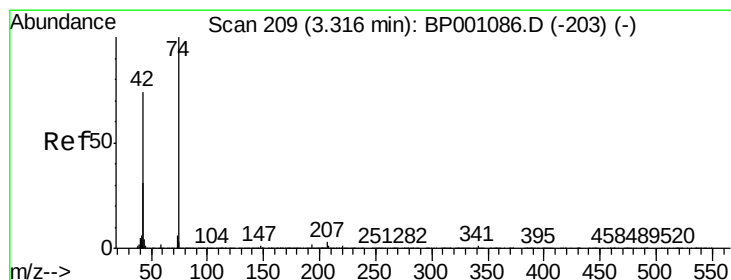
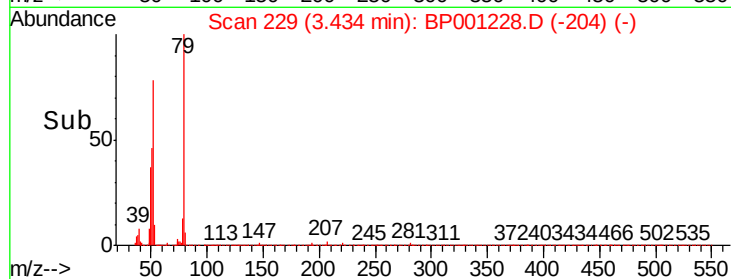
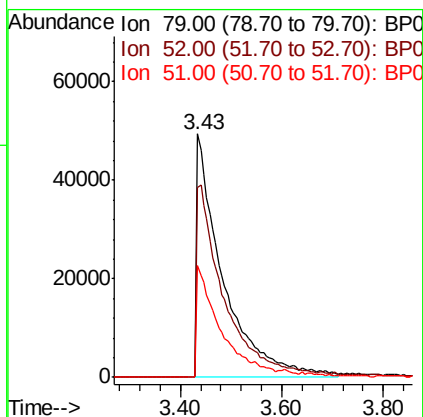
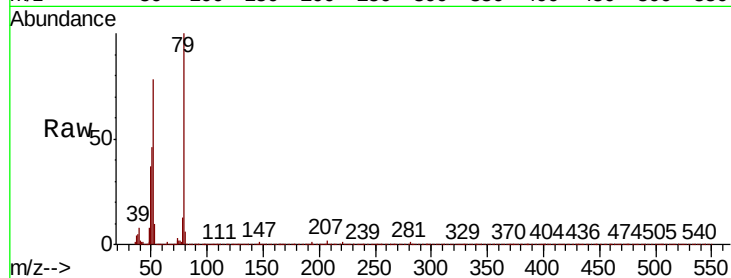




#3
 Pvridine
 Concen: 22.415 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

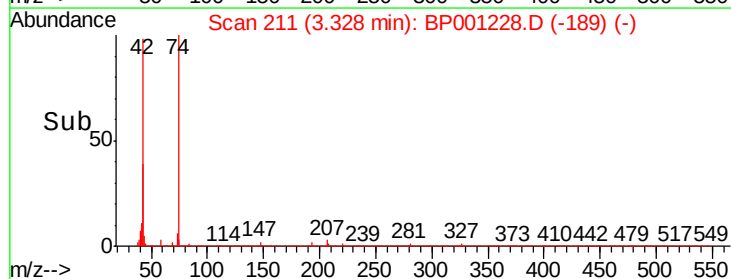
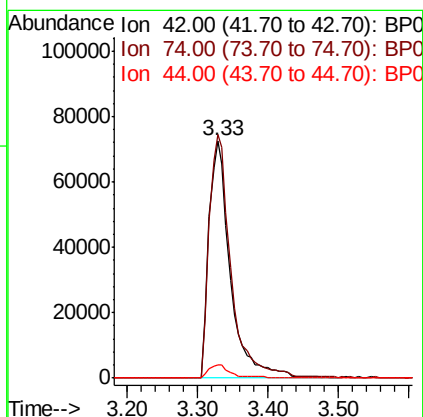
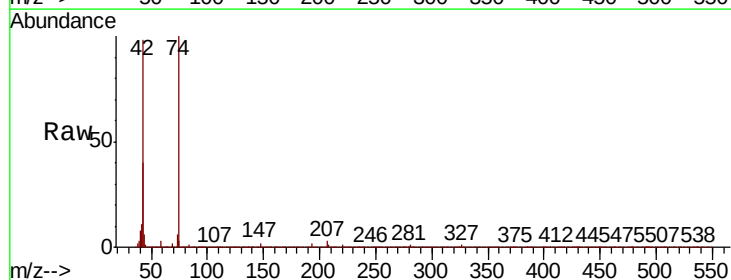
Instrument :
 BNA_P
 ClientSampleId :

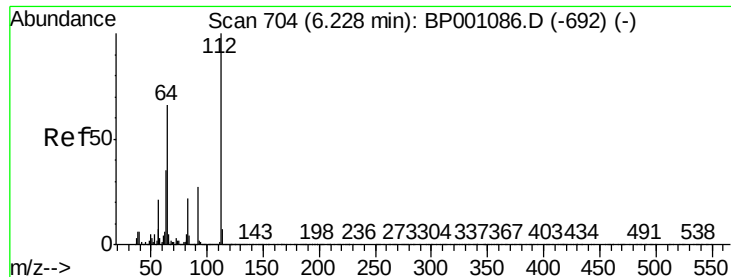
Tot Ion: 79 Resp: 175328
 Ion Ratio Lower Upper
 79 100
 52 77.9 65.1 97.7
 51 46.1 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 45.171 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.03 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion: 42 Resp: 152894
 Ion Ratio Lower Upper
 42 100
 74 102.5 91.4 137.0
 44 5.7 4.9 7.3





#5

2-Fluorophenol

Concen: 124.052 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001228.D

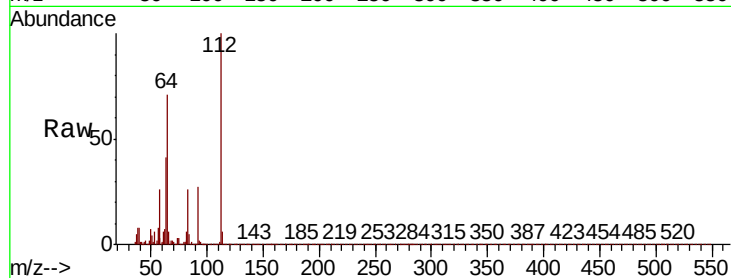
Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

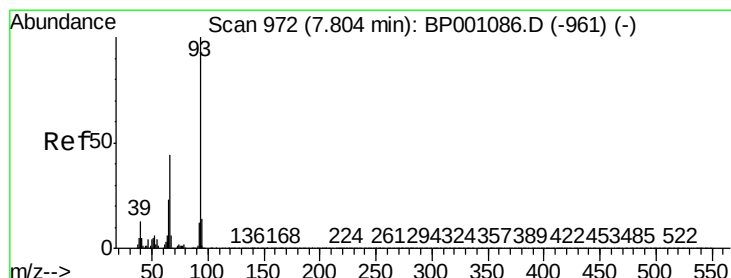
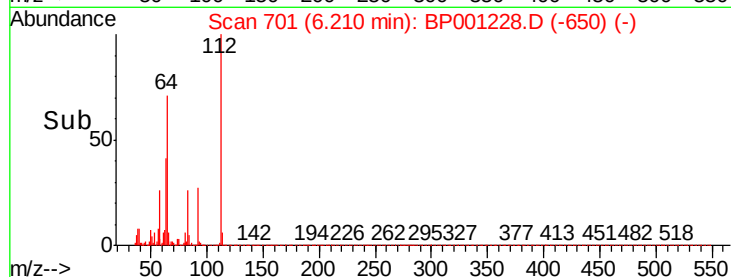
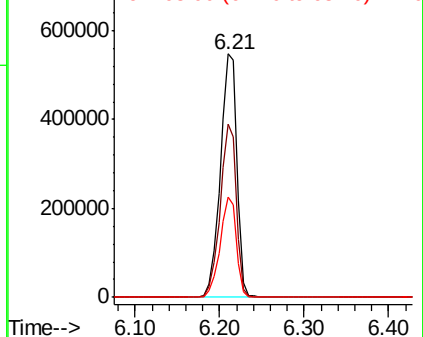
Tot Ion:	112	Resp:	748632
Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.8	85.2
63	41.2	32.2	48.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 28.035 ng

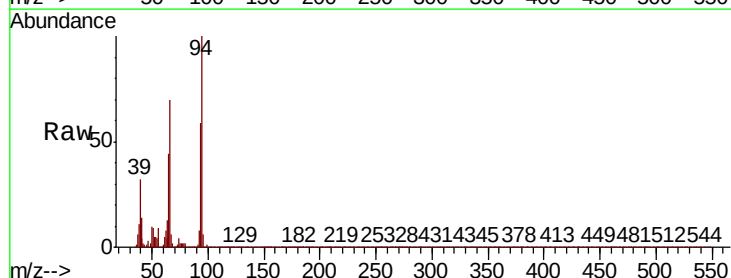
RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

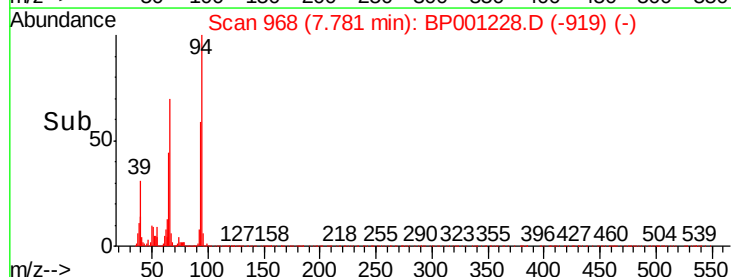
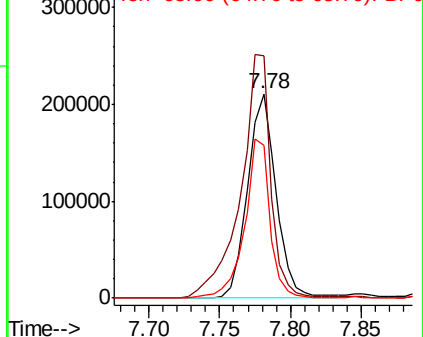
Tgt Ion:	93	Resp:	298850
Ion	Ratio	Lower	Upper
93	100		
66	118.6	36.8	55.2#
65	74.7	19.8	29.8#

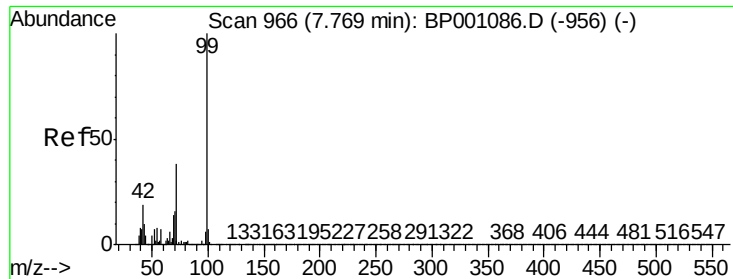


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 122.983 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

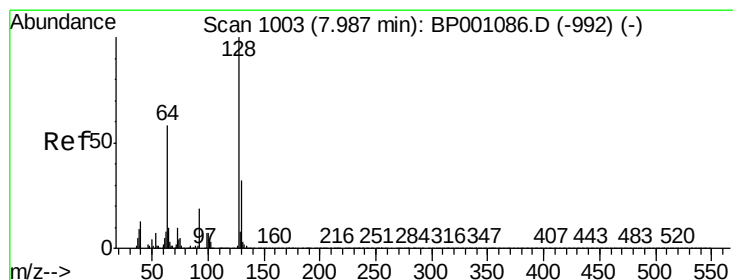
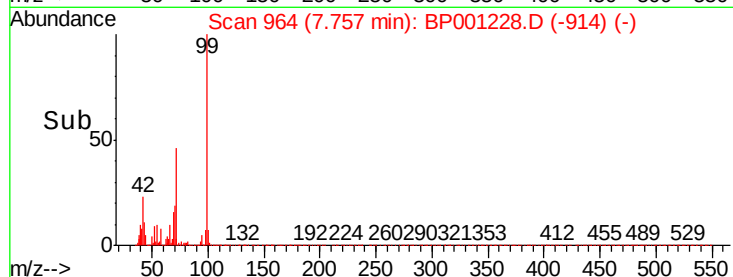
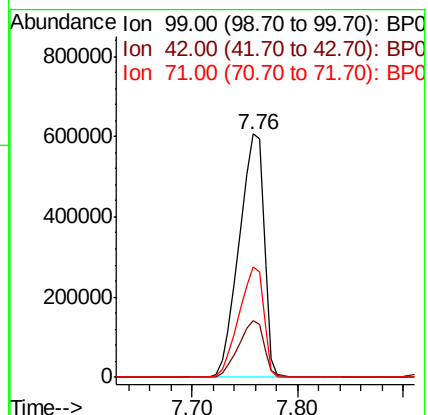
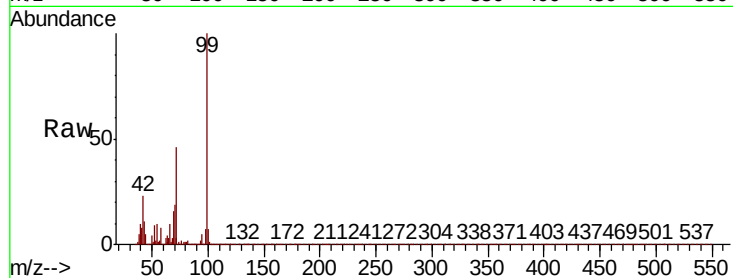
Tot Ion: 99 Resp: 988770

Ion Ratio Lower Upper

99 100

42 23.4 17.6 26.4

71 45.6 33.8 50.8



#8

2-Chlorophenol

Concen: 43.347 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

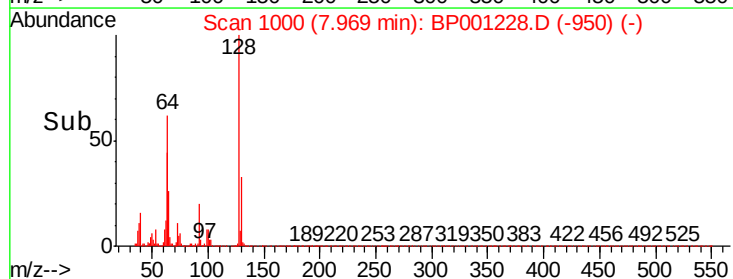
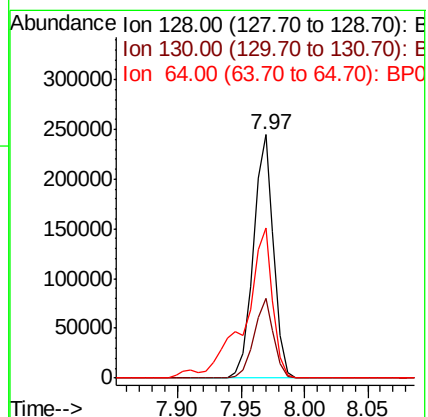
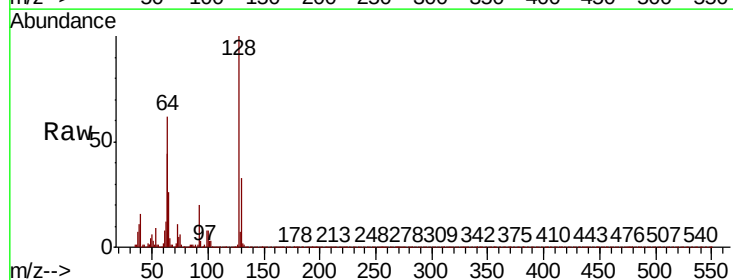
Tgt Ion: 128 Resp: 270651

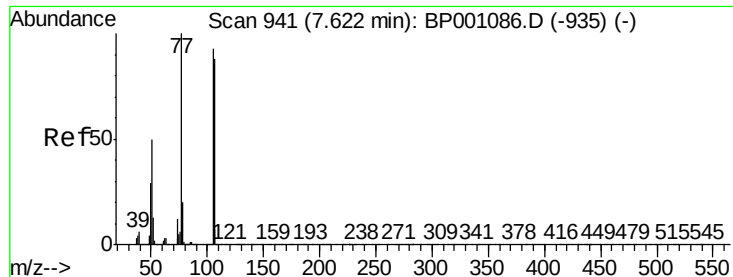
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 61.9 38.9 78.9





#9

Benzaldehyde

Concen: 5.489 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampled :

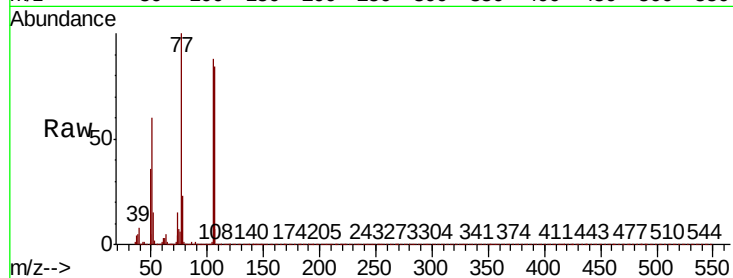
Tot Ion: 77 Resp: 52872

Ion Ratio Lower Upper

77 100

105 87.6 69.7 109.7

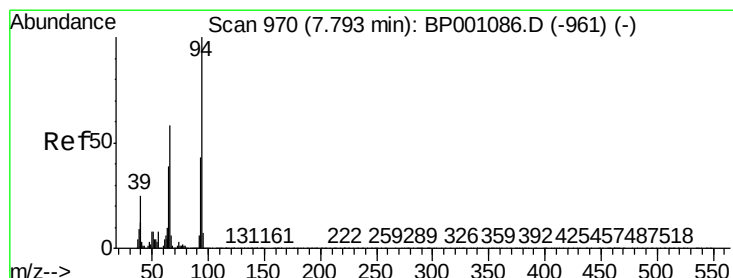
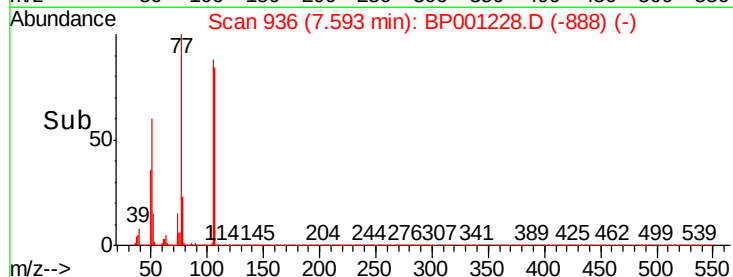
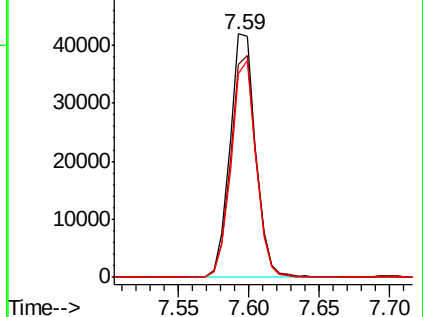
106 84.0 67.1 107.1



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.317 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

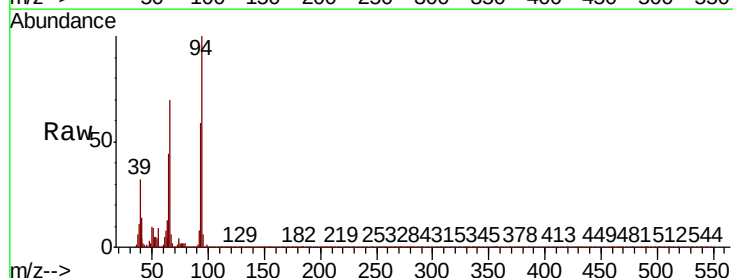
Tgt Ion: 94 Resp: 386997

Ion Ratio Lower Upper

94 100

65 44.4 25.6 65.6

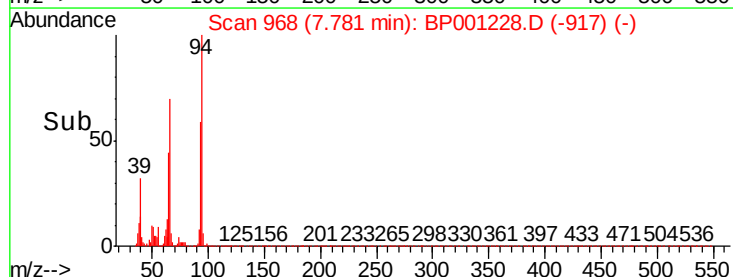
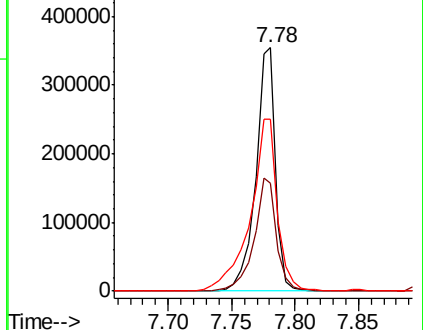
66 70.4 52.6 92.6

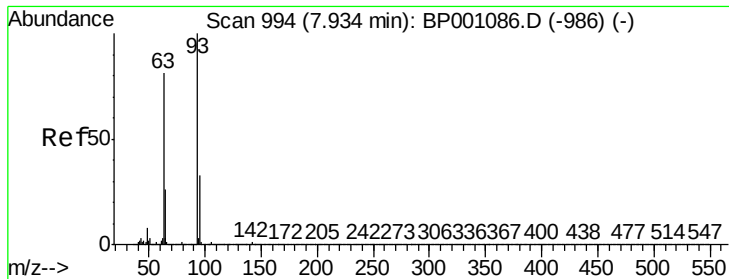


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

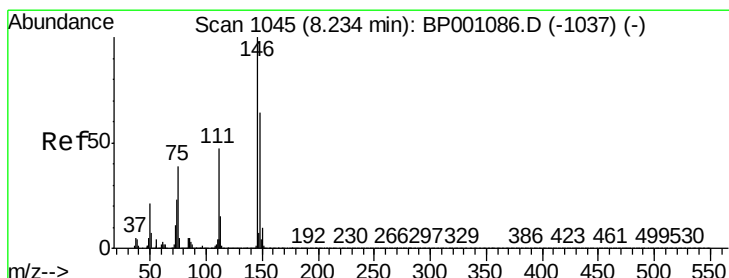
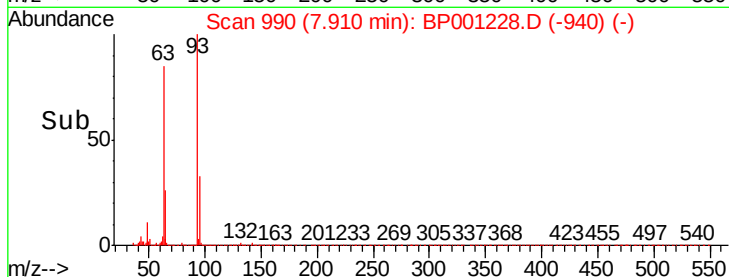
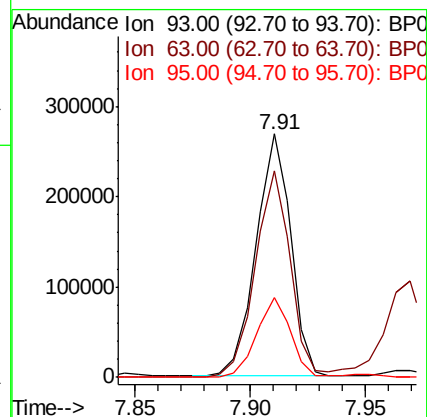
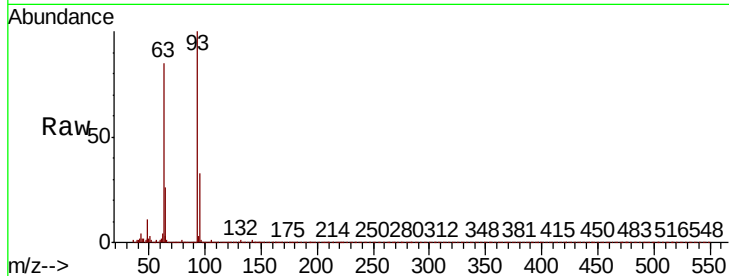




#11
bis(2-Chloroethyl)ether
Concen: 39.700 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

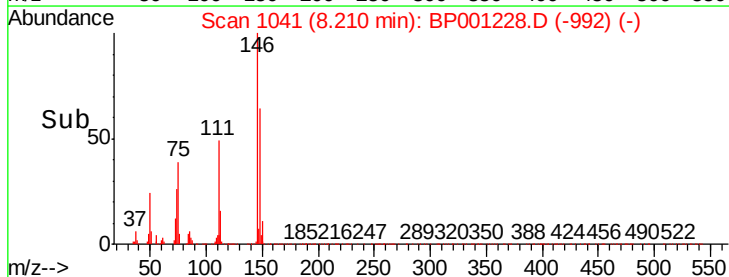
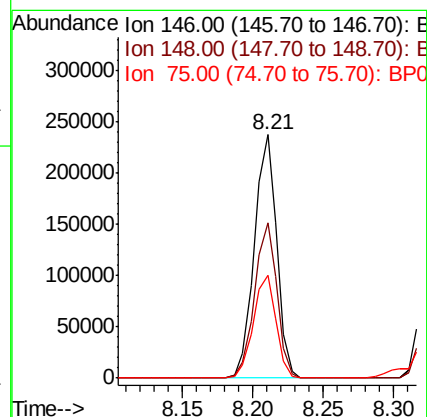
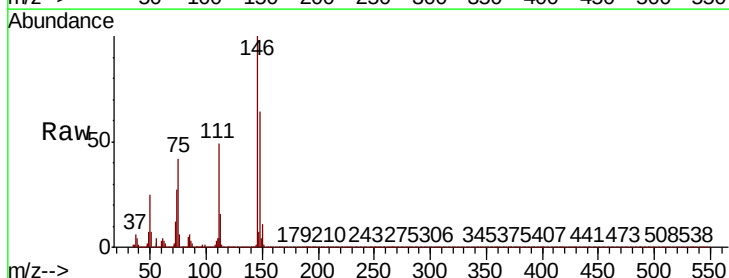
Instrument :
BNA_P
ClientSampleId :

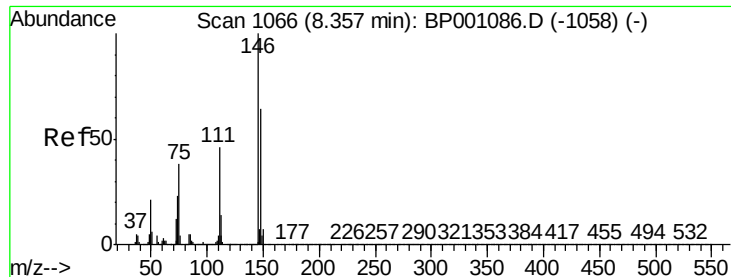
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	65.8	105.8
95	32.9	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 35.767 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	42.0	32.2	48.2

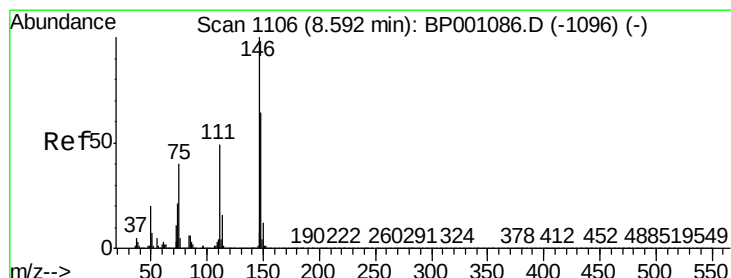
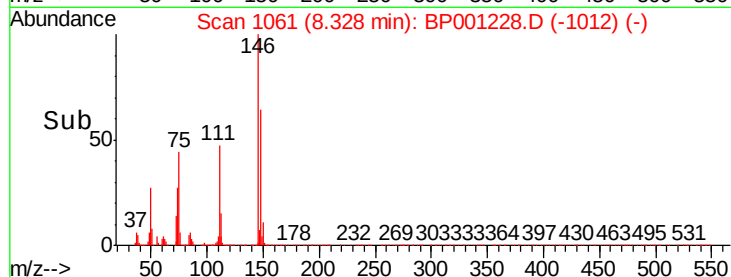
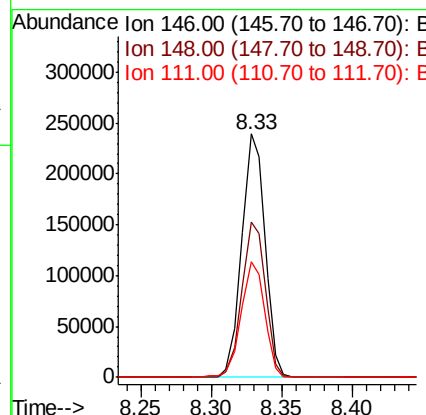
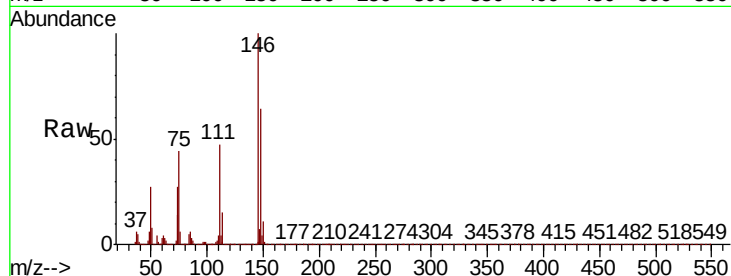




#13
 1,4-Dichlorobenzene
 Concen: 36.846 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

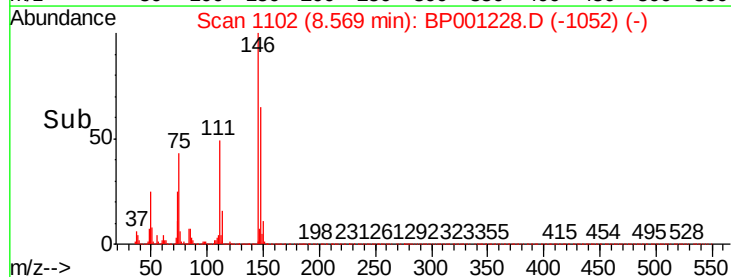
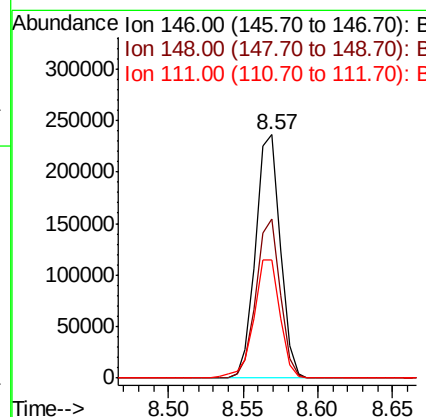
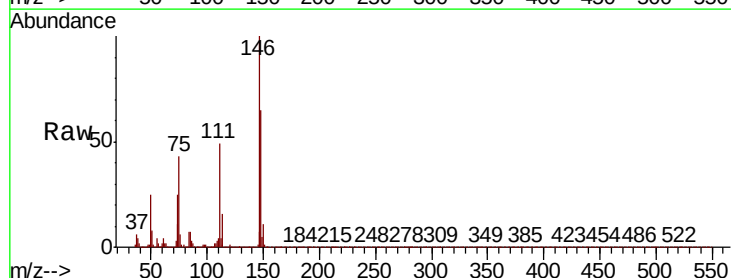
Instrument :
 BNA_P
 ClientSampleId :

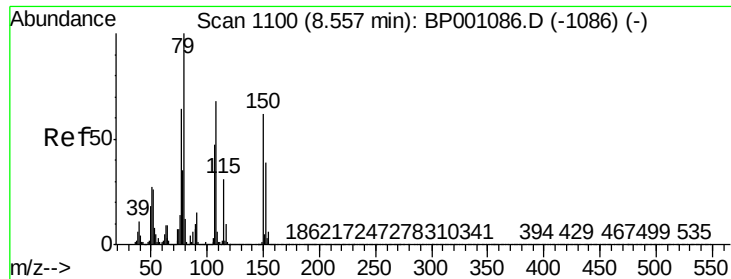
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	47.3	37.3	55.9



#14
 1,2-Dichlorobenzene
 Concen: 38.228 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	48.7	40.7	61.1

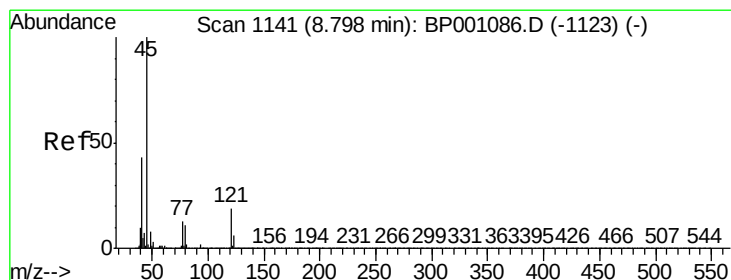
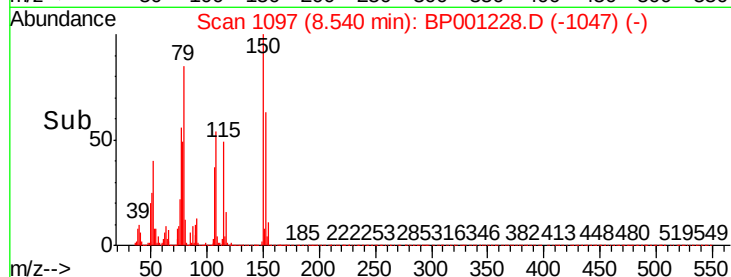
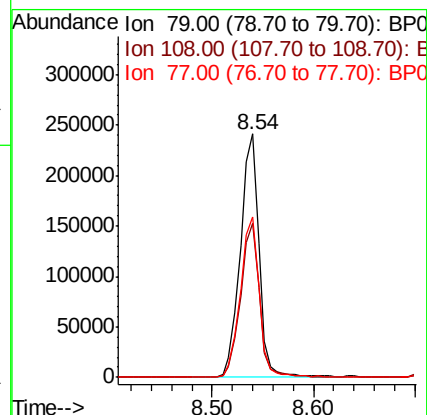
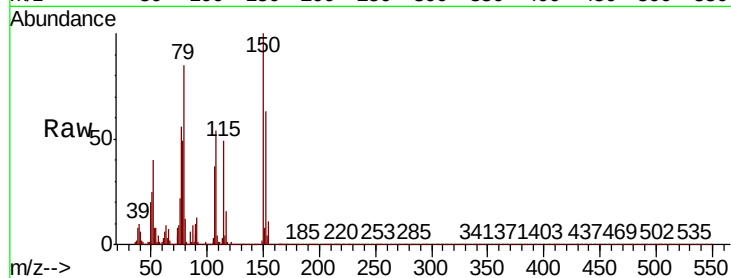




#15
Benzvl Alcohol
Concen: 46.983 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

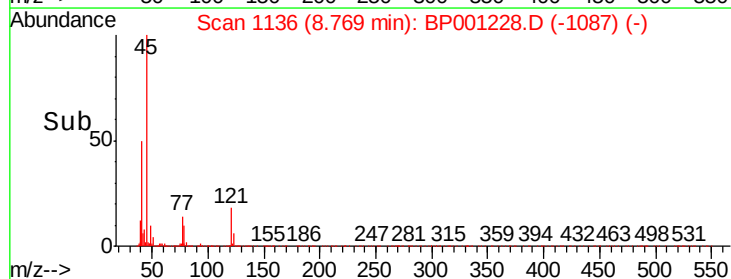
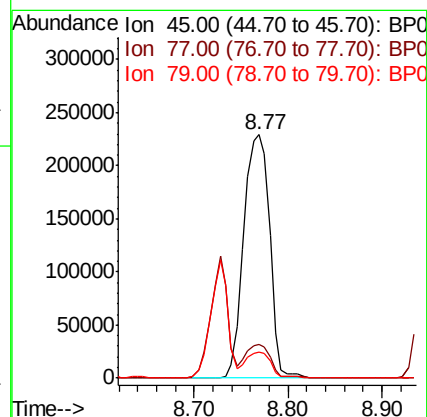
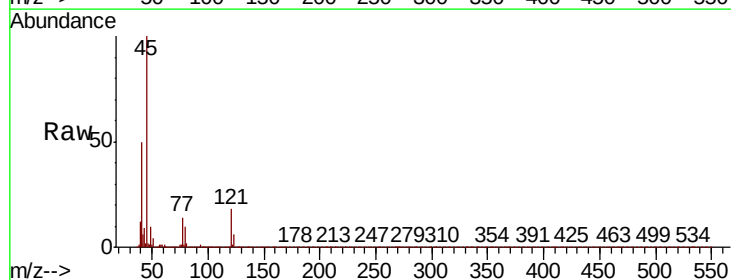
Instrument :
BNA_P
ClientSampleId :

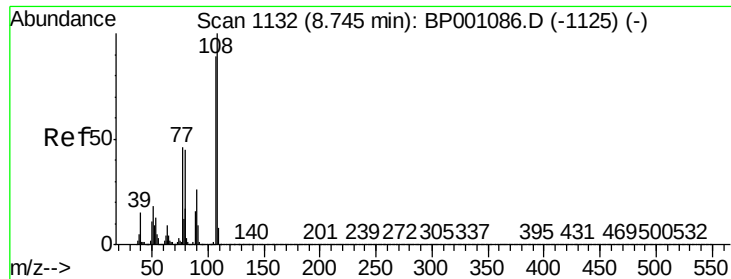
Tot Ion: 79 Resp: 310078
Ion Ratio Lower Upper
79 100
108 63.3 51.6 77.4
77 65.7 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.179 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion: 45 Resp: 437119
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.9
79 10.5 0.0 30.9

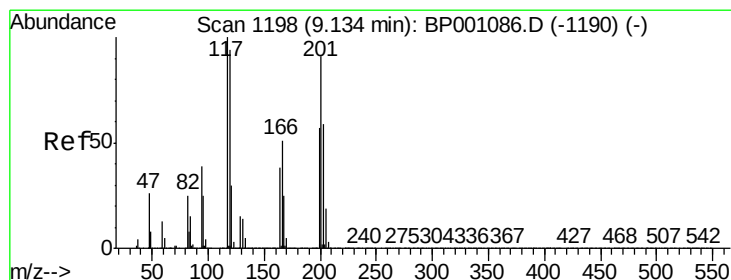
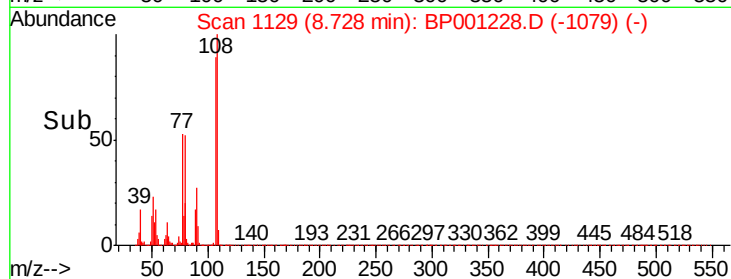
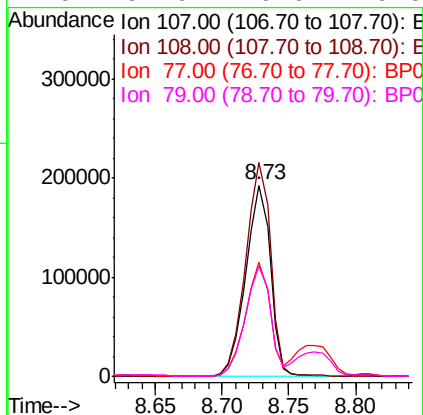
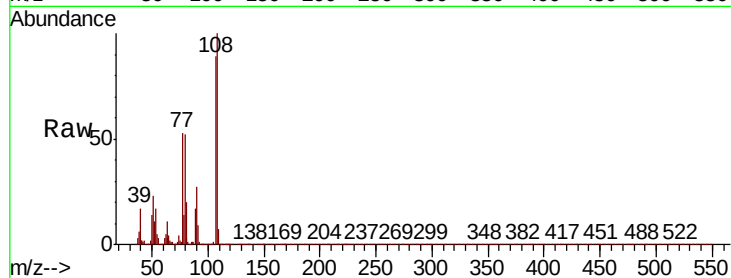




#17
2-Methylphenol
Concen: 42.612 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

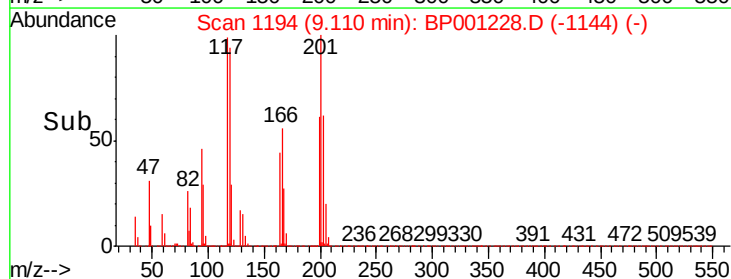
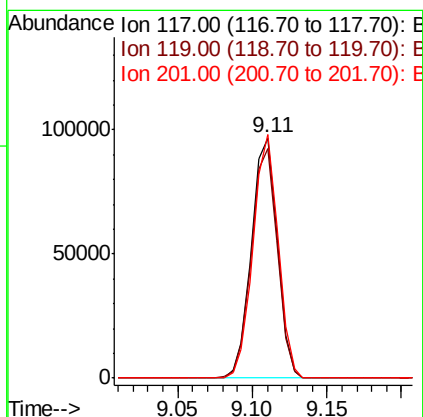
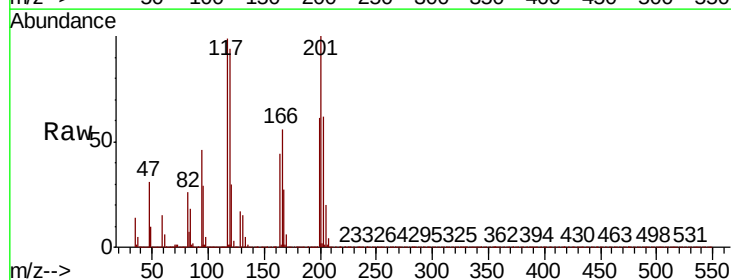
Instrument :
BNA_P
ClientSampleId :

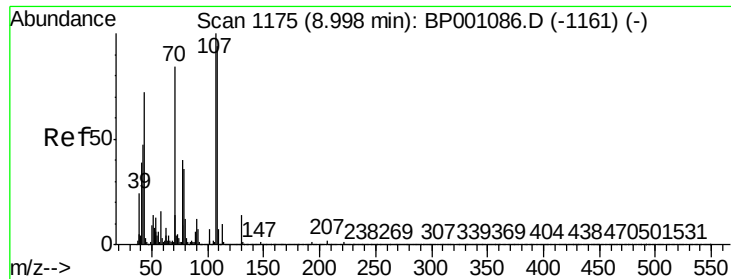
Tot Ion:	107	Resp:	244060
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.8	133.2
77	59.6	46.3	69.5
79	57.9	46.6	70.0



#18
Hexachloroethane
Concen: 37.437 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	117	Resp:	115458
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
201	101.3	75.5	113.3

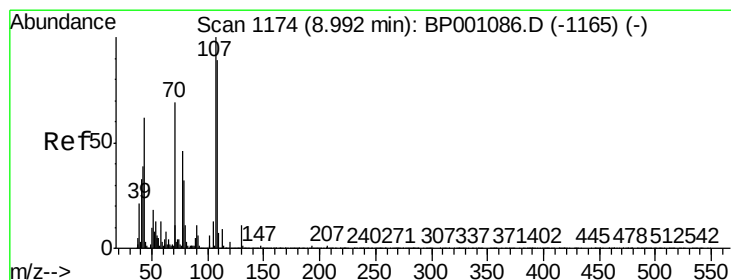
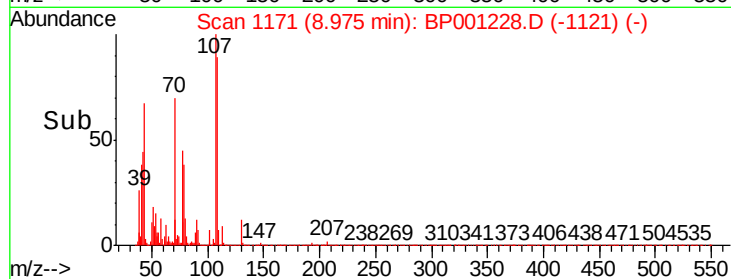
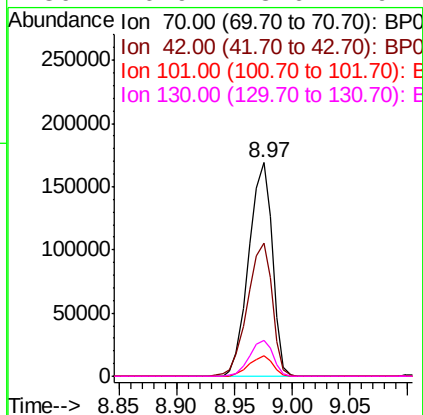
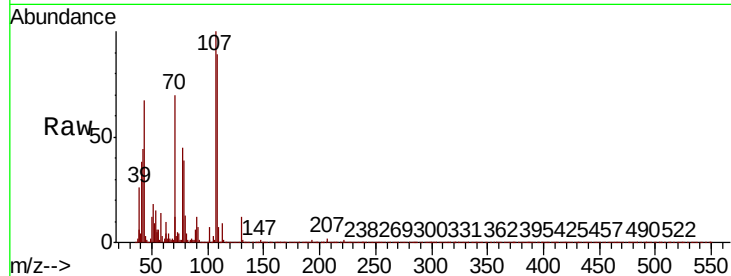




#19
n-Nitroso-di-n-propylamine
Concen: 41.505 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

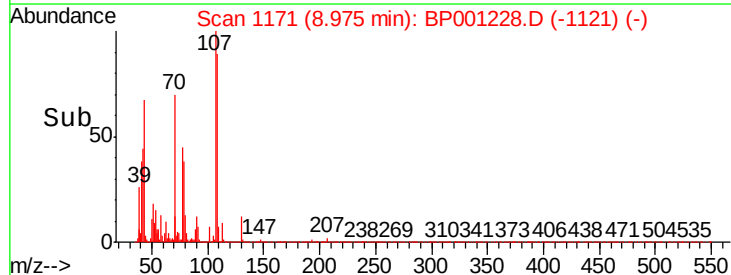
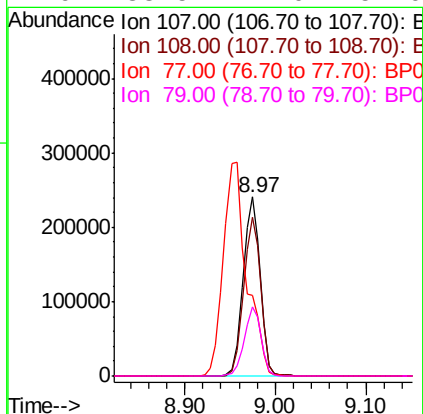
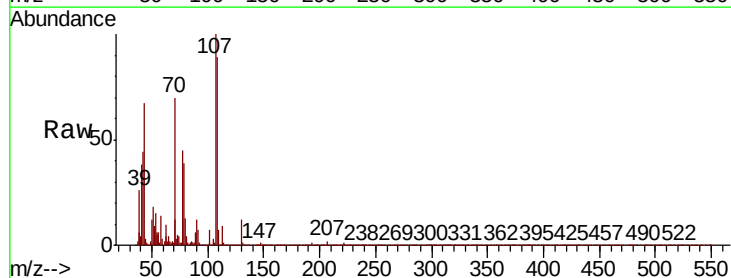
Instrument :
BNA_P
ClientSampled :

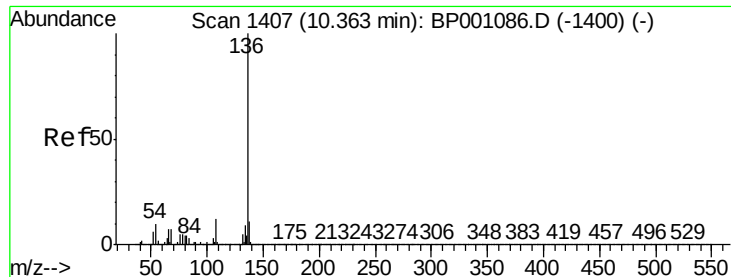
Tot Ion:	70	Resp:	240789
Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.6	76.0
101	9.7	7.1	10.7
130	16.9	13.6	20.4



#20
3+4-Methylphenols
Concen: 43.709 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	107	Resp:	315576
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.3	108.3
77	44.8	25.2	65.2
79	38.5	17.0	57.0

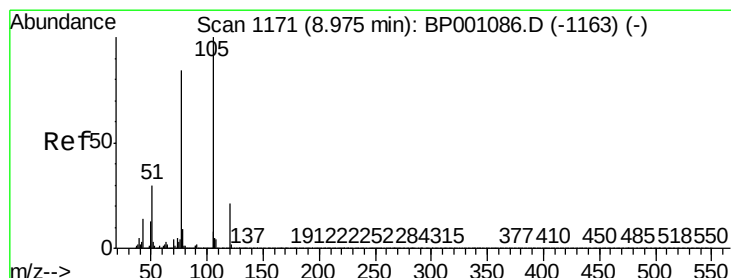
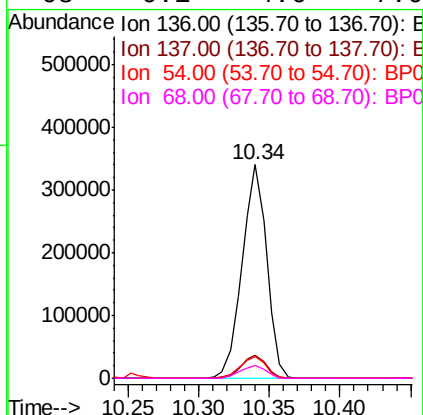
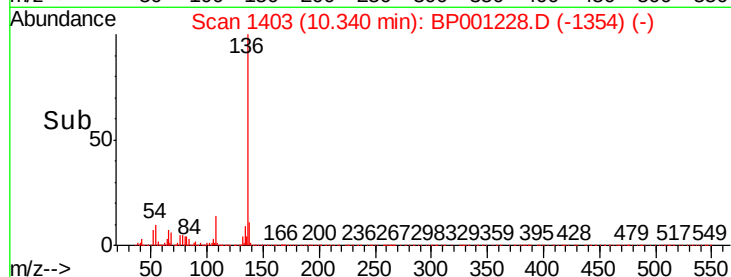
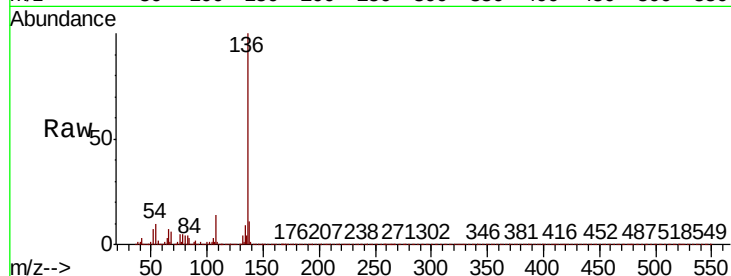




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

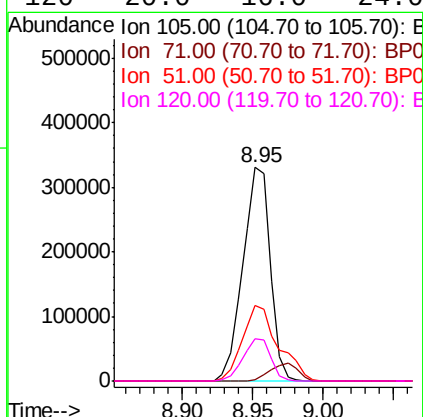
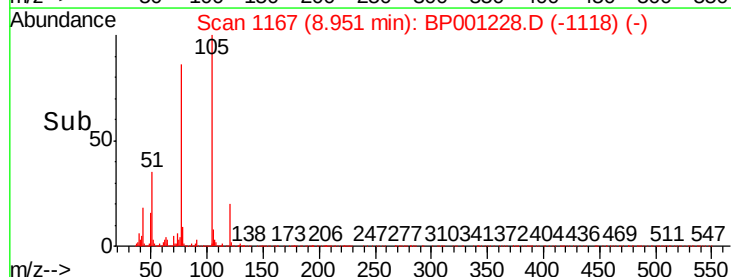
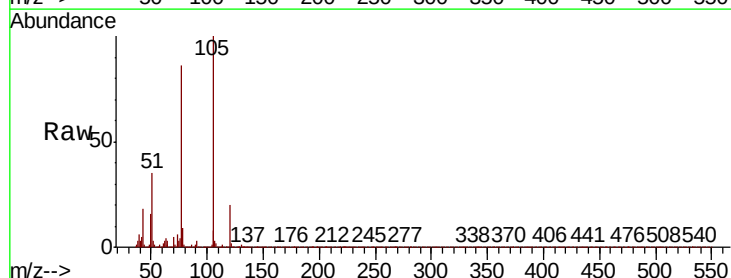
Instrument :
BNA_P
ClientSampled :

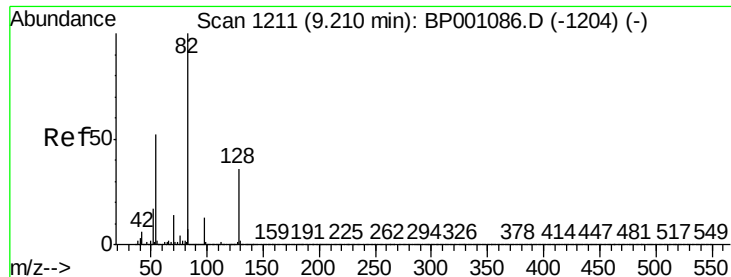
Tot Ion:136	Resp:	412496
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.4 12.6
54	10.1	7.4 11.0
68	6.1	4.6 7.0



#22
Acetophenone
Concen: 37.009 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:105	Resp:	448690
Ion	Ratio	Lower Upper
105	100	
71	0.8	0.7 1.1
51	35.2	26.9 40.3
120	20.0	16.0 24.0

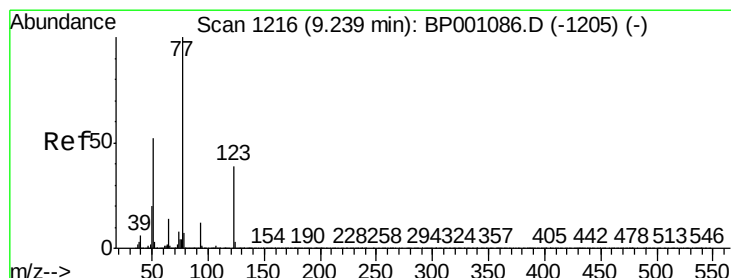
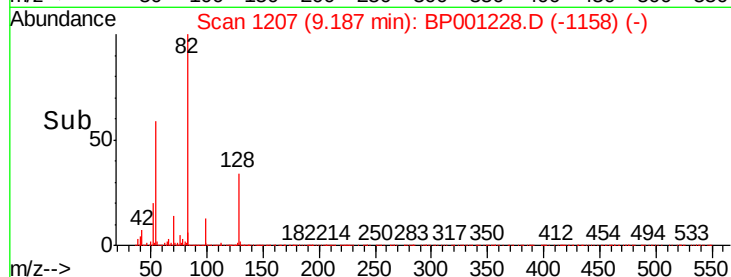
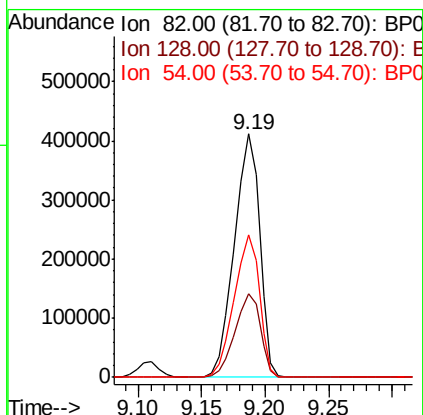
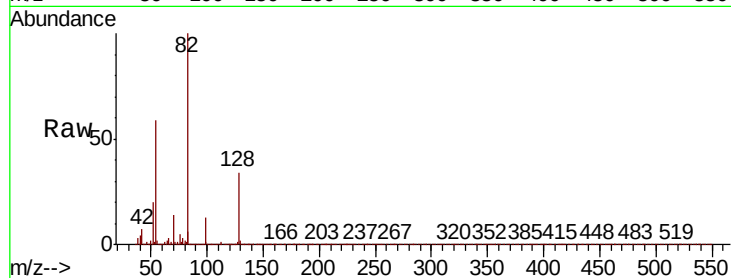




#23
Nitrobenzene-d5
Concen: 59.747 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

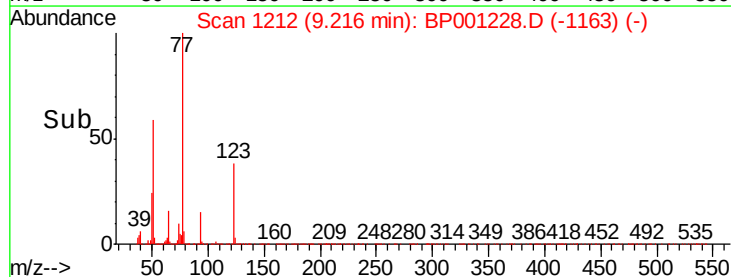
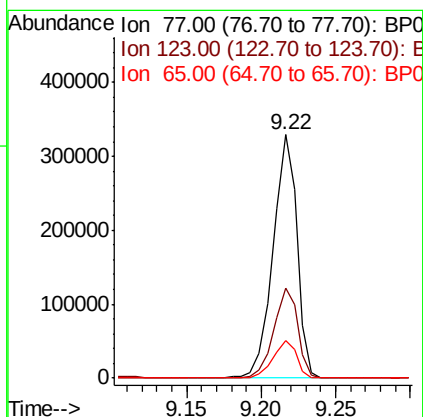
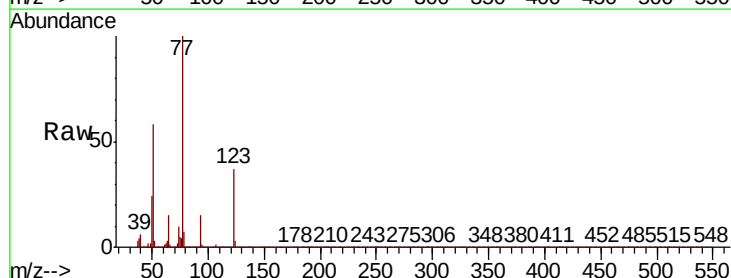
Instrument :
BNA_P
ClientSampleId :

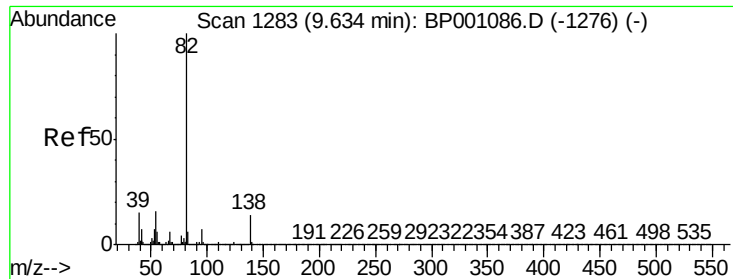
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	58.7	45.7	68.5



#24
Nitrobenzene
Concen: 38.797 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	30.2	45.4
65	15.5	11.9	17.9

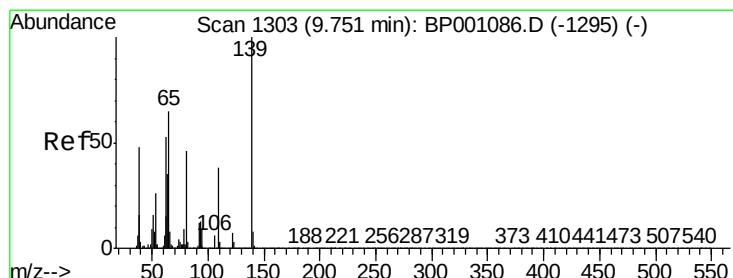
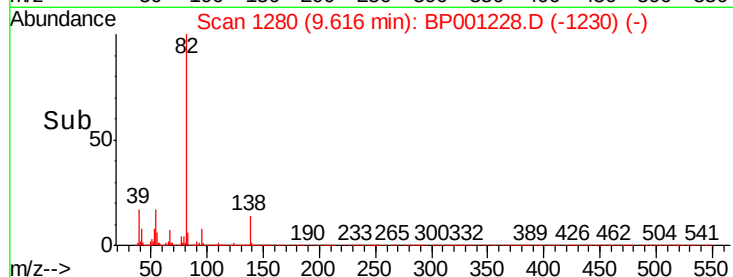
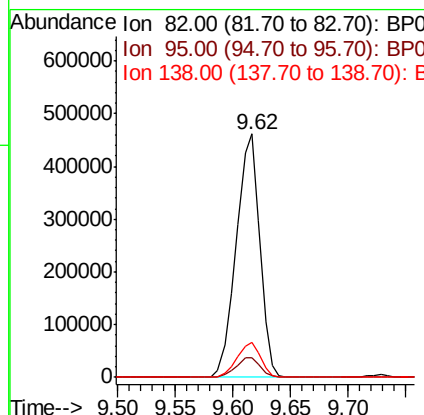
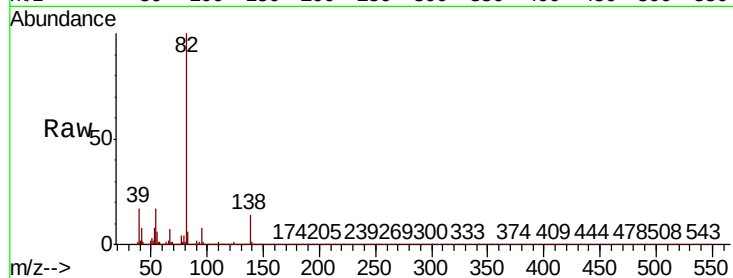




#25
Isophorone
Concen: 38.184 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

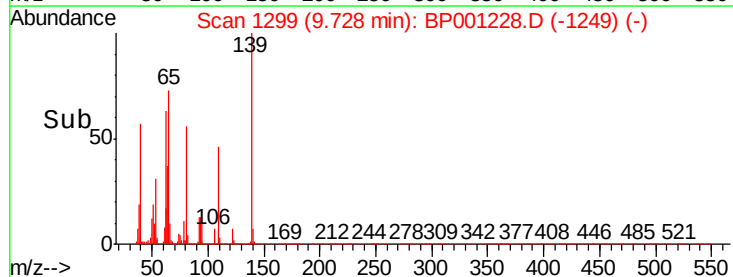
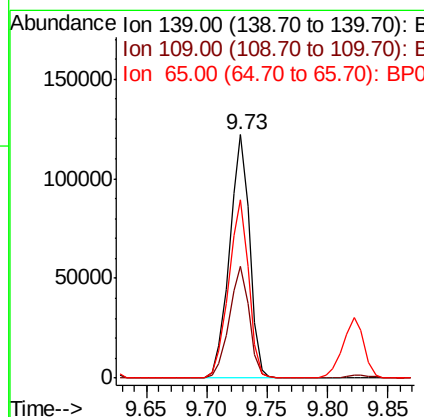
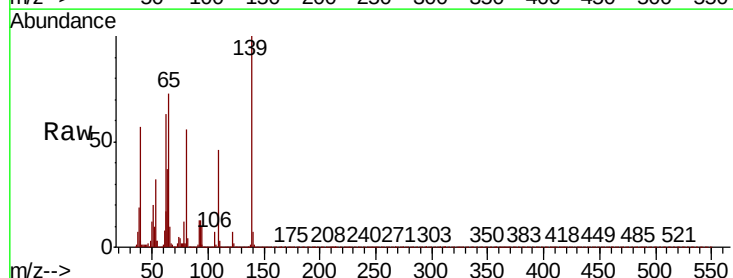
Instrument :
BNA_P
ClientSampleId :

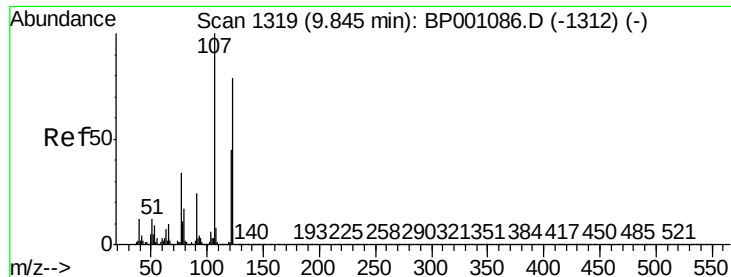
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	14.4	11.4	17.0



#26
2-Nitrophenol
Concen: 40.772 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.8	35.5	53.3
65	73.4	59.3	88.9

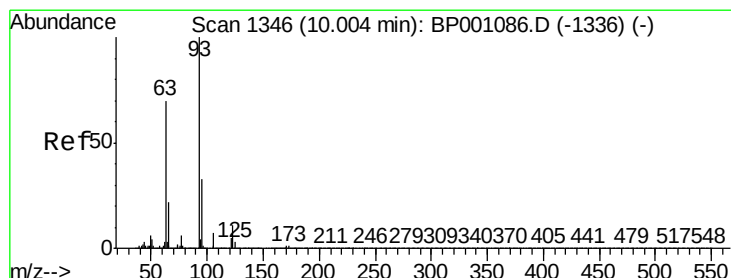
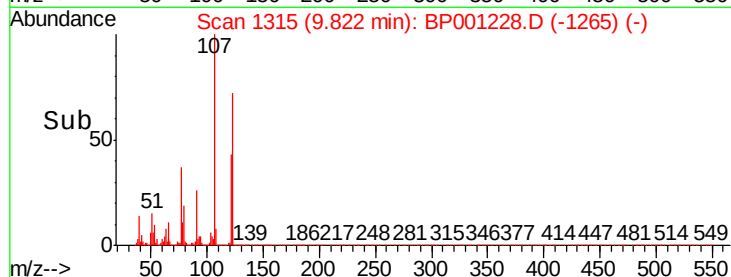
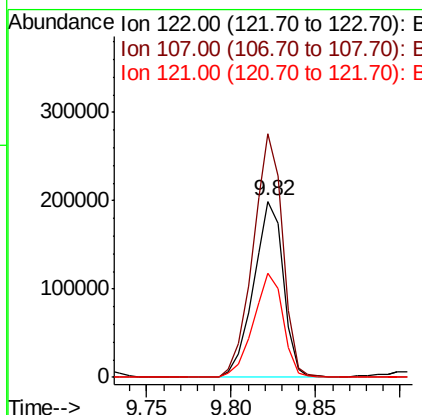
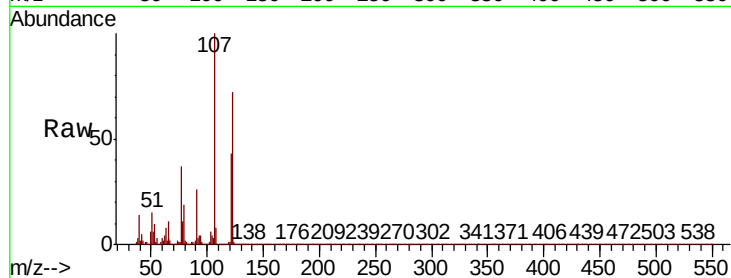




#27
2,4-Dimethylphenol
Concen: 44.583 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

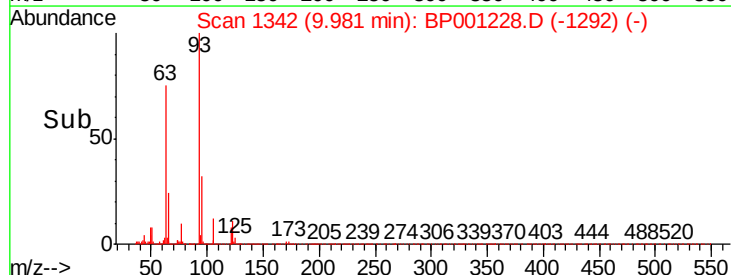
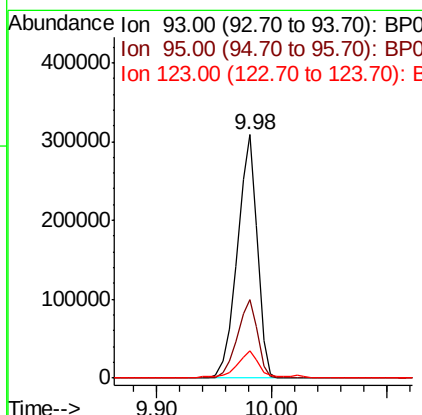
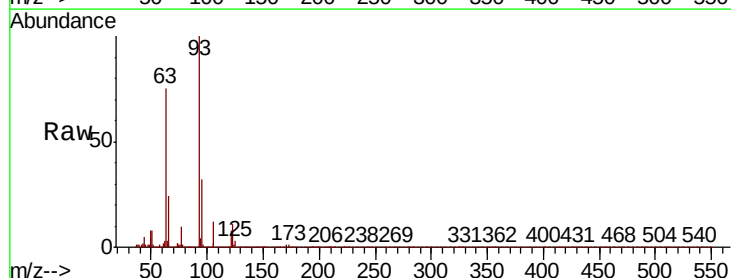
Instrument :
BNA_P
ClientSampleId :

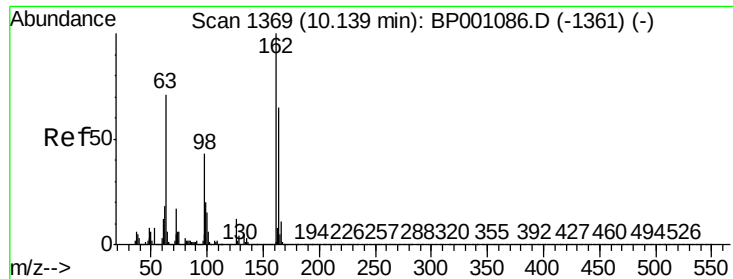
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.2	106.7	160.1
121	58.8	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 34.295 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	11.2	8.5	12.7

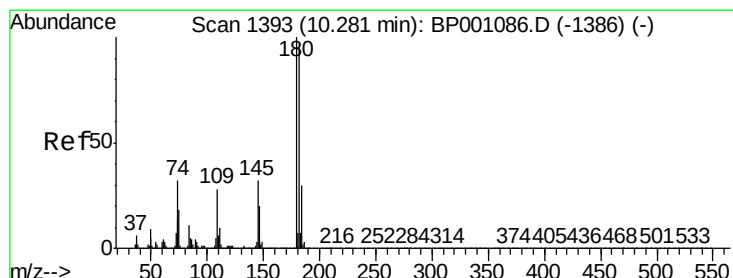
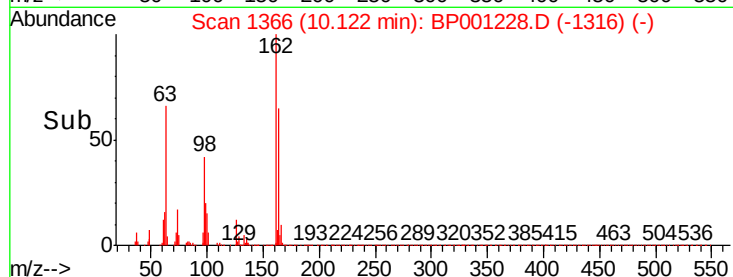
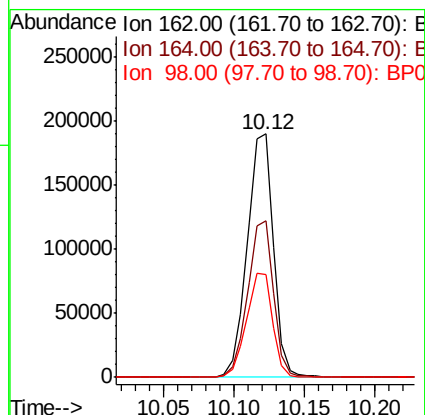
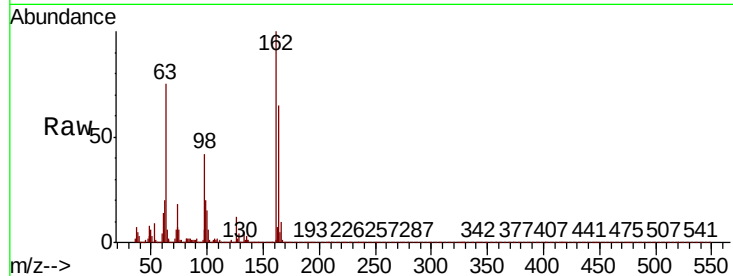




#29
2,4-Dichlorophenol
Concen: 39.540 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

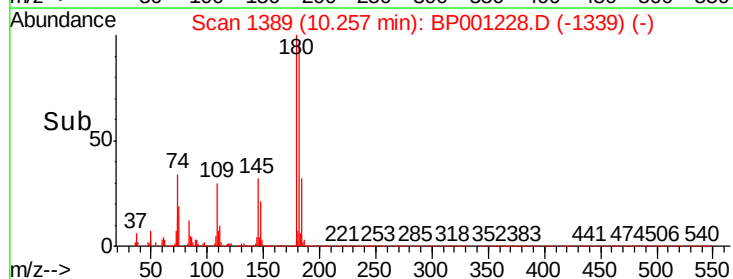
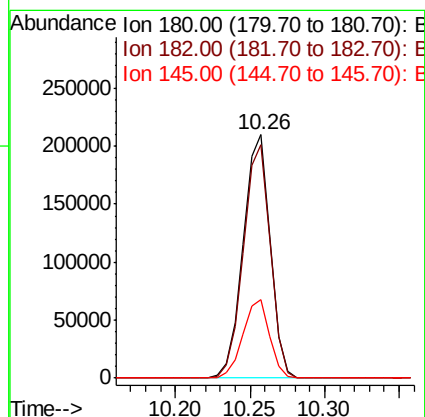
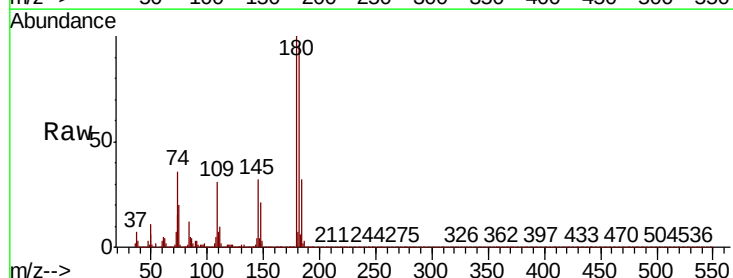
Instrument :
BNA_P
ClientSampleId :

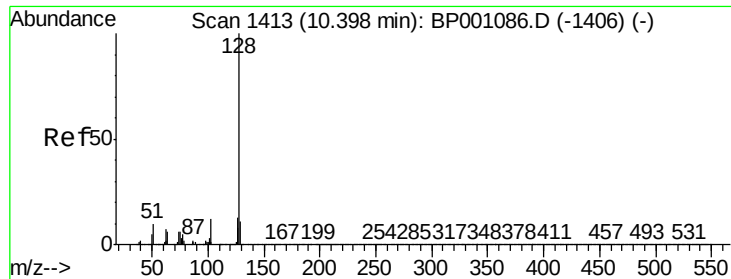
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	42.2	22.9	62.9



#30
1,2,4-Trichlorobenzene
Concen: 35.865 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	32.0	25.1	37.7

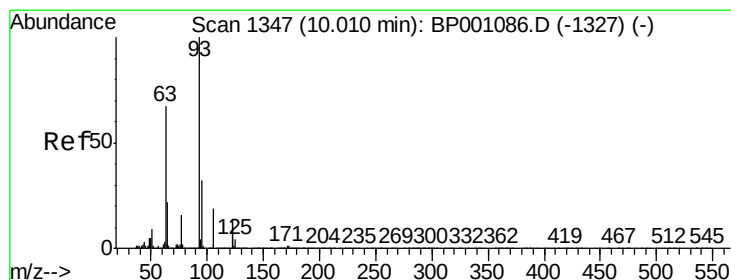
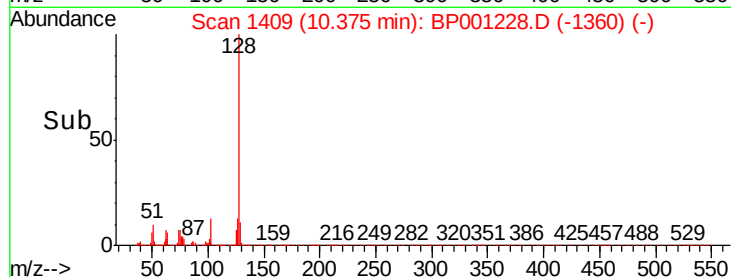
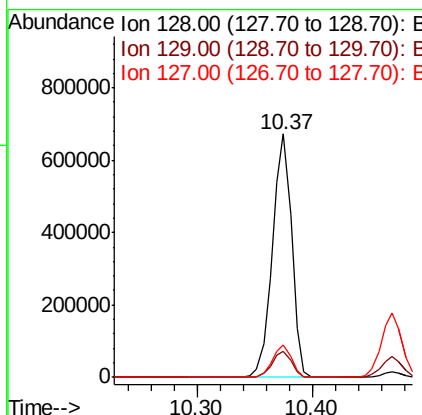
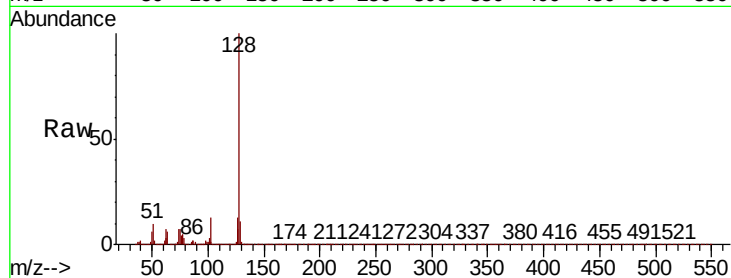




#31
Naphthalene
Concen: 36.924 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

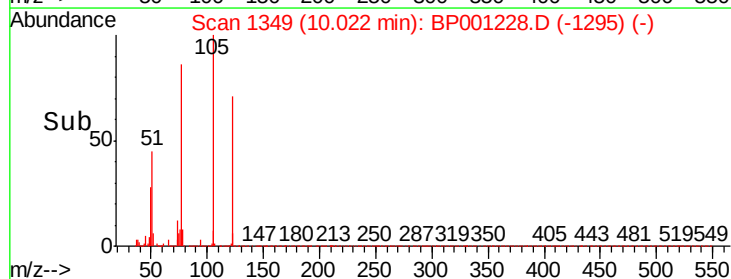
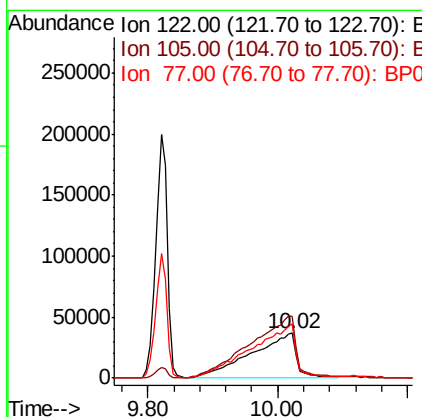
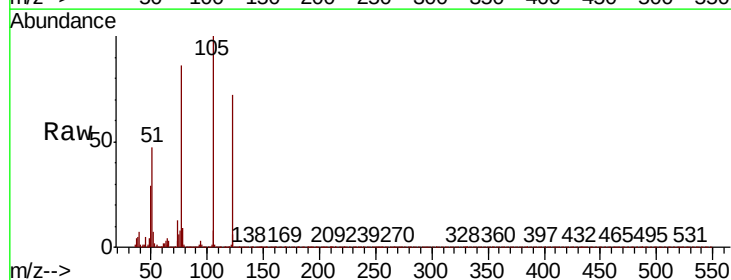
Instrument :
BNA_P
ClientSampleId :

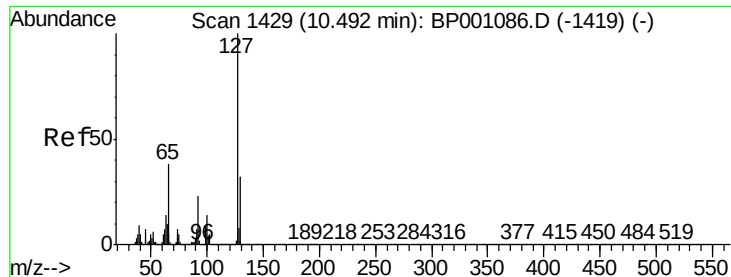
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.4	10.6	16.0



#32
Benzoic acid
Concen: 43.460 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.7	122.3	162.3
77	119.8	100.4	140.4

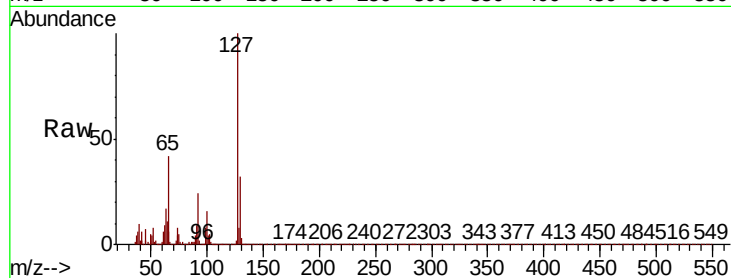




#33
4-Chloroaniline
Concen: 25.650 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	234499
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.6	38.4
65	42.0	33.6	50.4
92	23.8	19.8	29.6



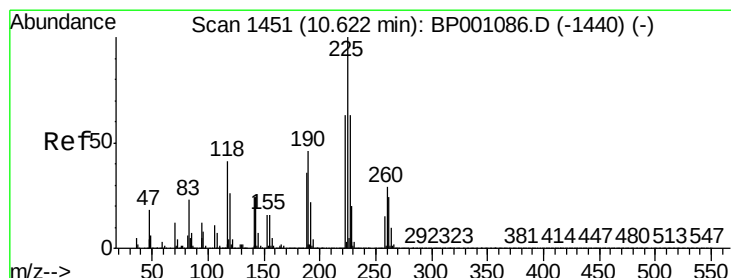
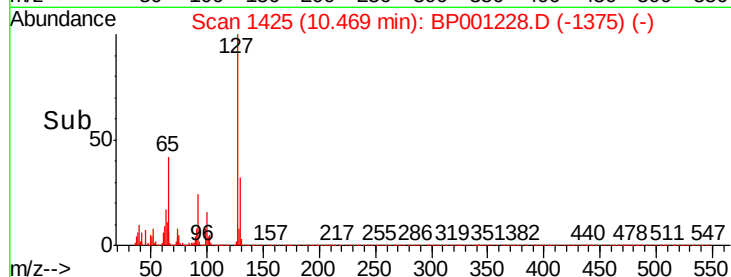
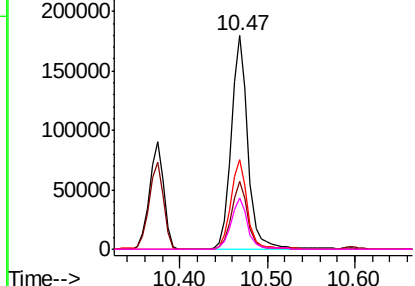
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

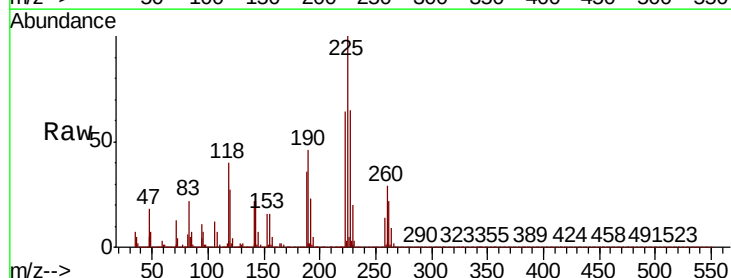
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 36.549 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	225	Resp:	167651
Ion	Ratio	Lower	Upper
225	100		
223	64.3	47.8	71.6
227	65.0	50.0	75.0

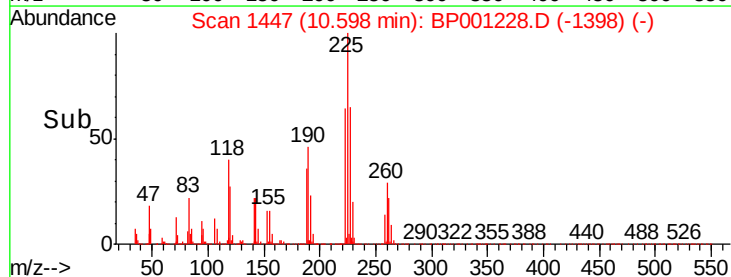
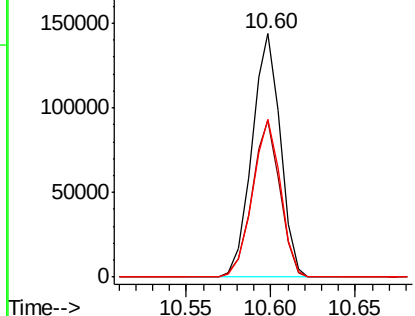


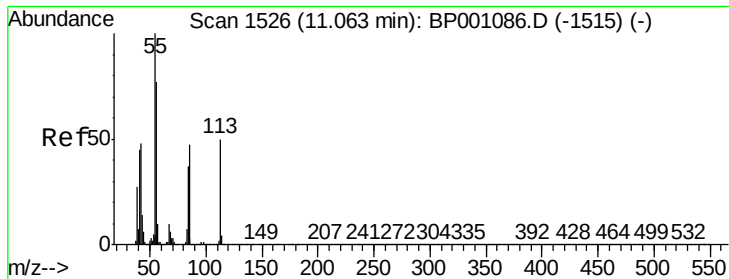
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

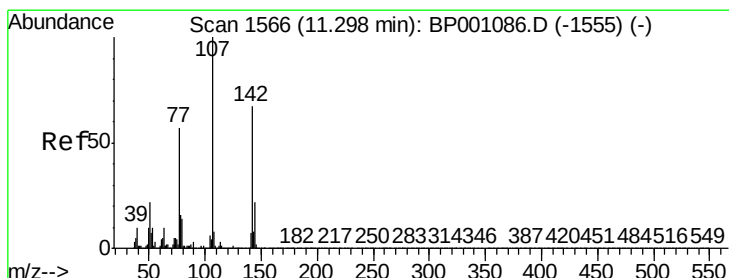
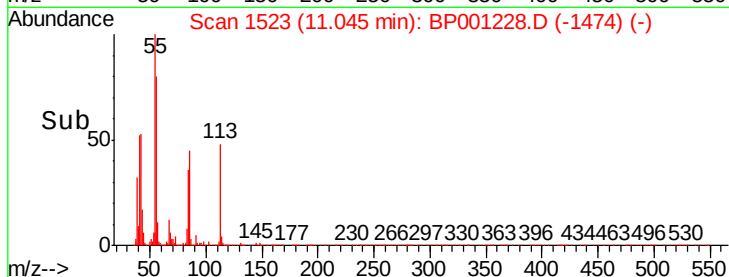
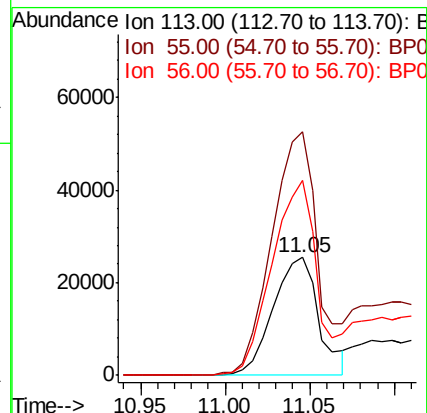
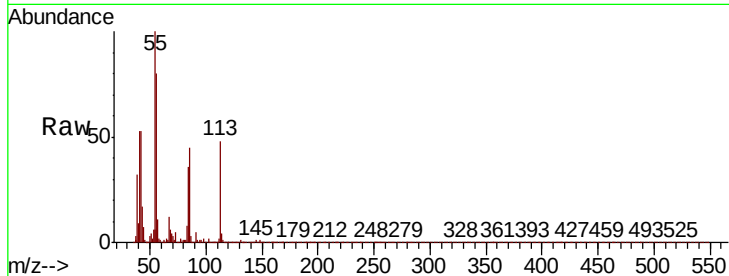




#35
 Caprolactam
 Concen: 21.995 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

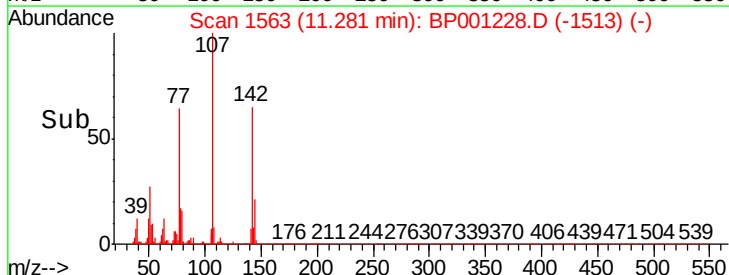
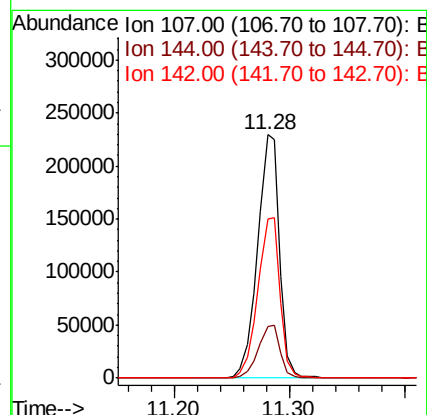
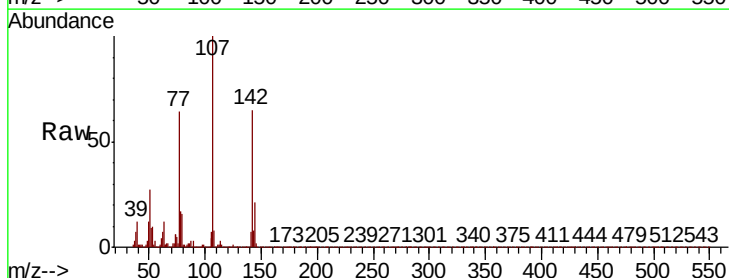
Instrument :
 BNA_P
 ClientSampleId :

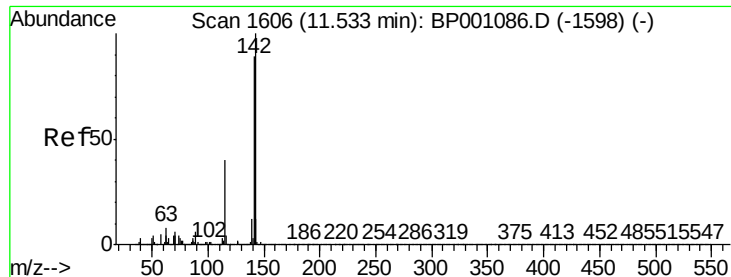
Tot Ion:113 Resp: 47326
 Ion Ratio Lower Upper
 113 100
 55 207.1 185.4 225.4
 56 166.2 136.9 176.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.220 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion:107 Resp: 305107
 Ion Ratio Lower Upper
 107 100
 144 21.1 16.8 25.2
 142 65.3 51.8 77.6

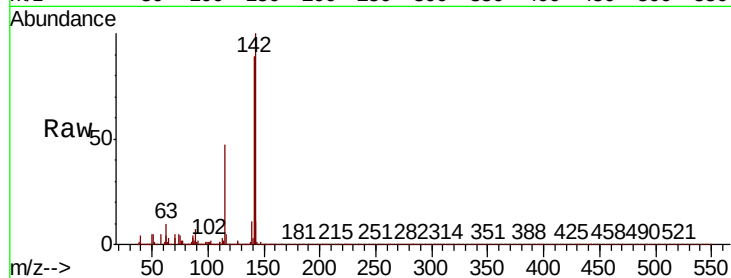




#37
2-Methylnaphthalene
Concen: 38.262 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	47.0	36.0	54.0

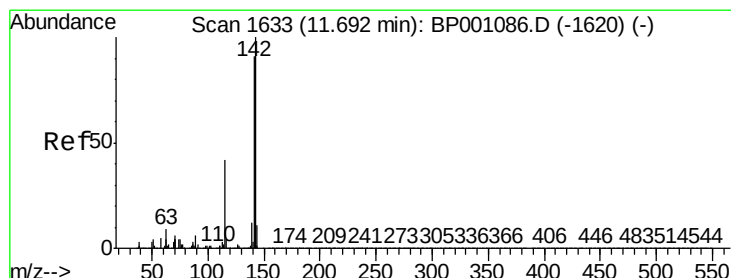
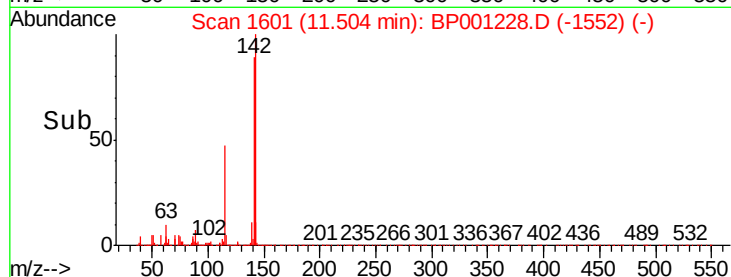
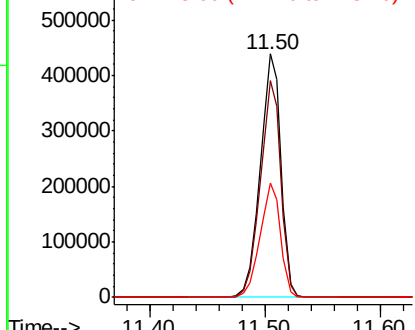


Abundance

Ion 142.00 (141.70 to 142.70): E

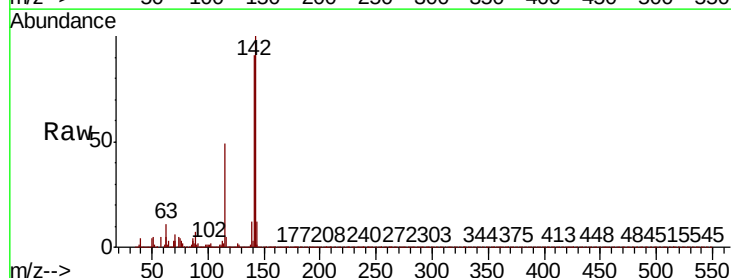
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.795 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	5.3	3.8	5.6

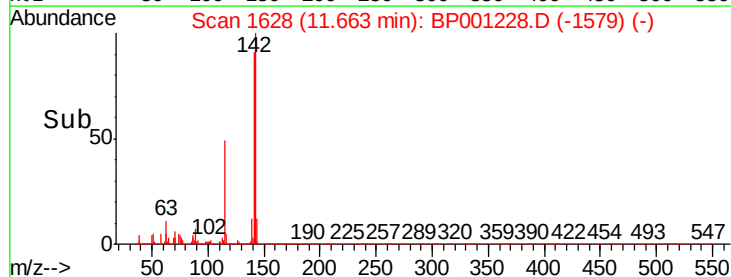
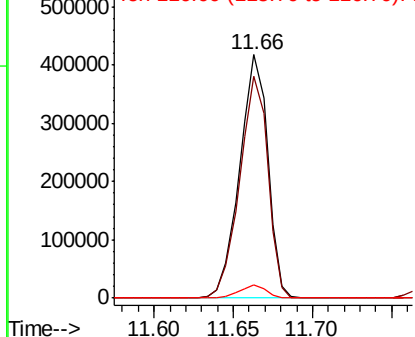


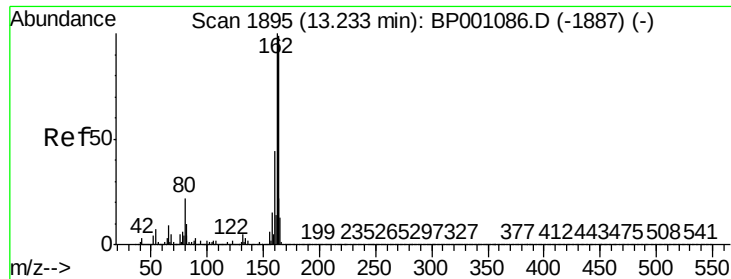
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

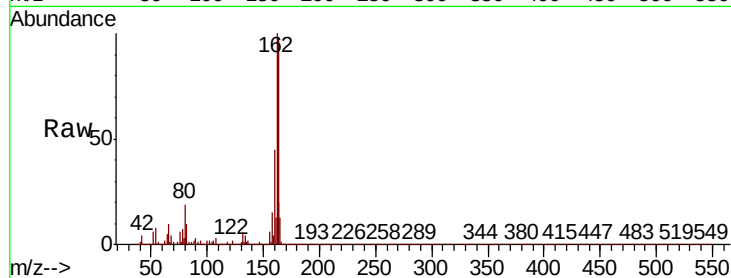
Tot Ion:164 Resp: 246184

Ion Ratio Lower Upper

164 100

162 102.5 80.7 121.1

160 46.3 36.3 54.5

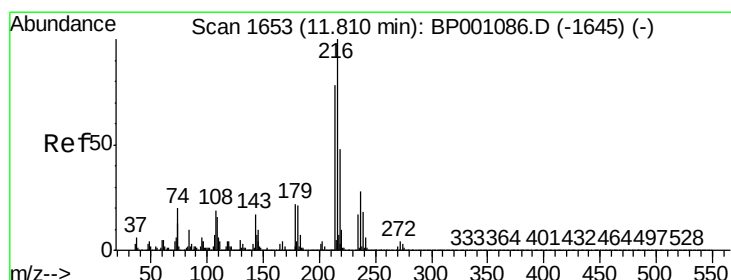
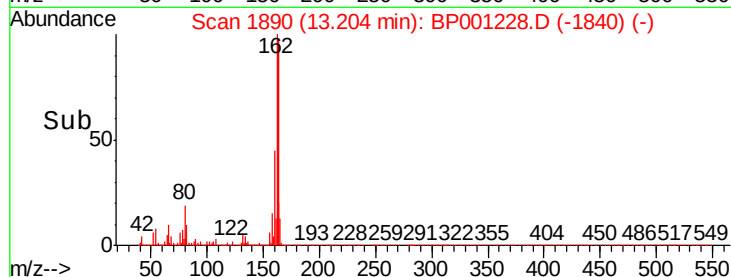
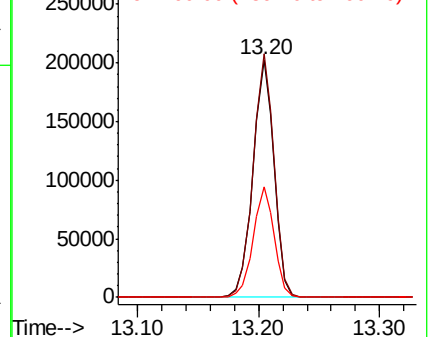


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.968 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:216 Resp: 279049

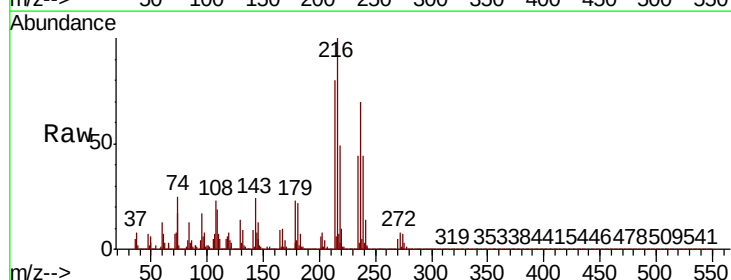
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

179 23.1 17.8 26.6

108 23.9 17.6 26.4



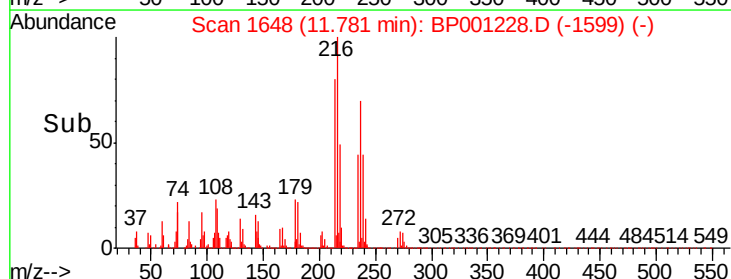
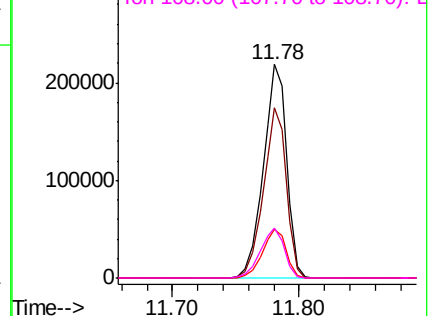
Abundance

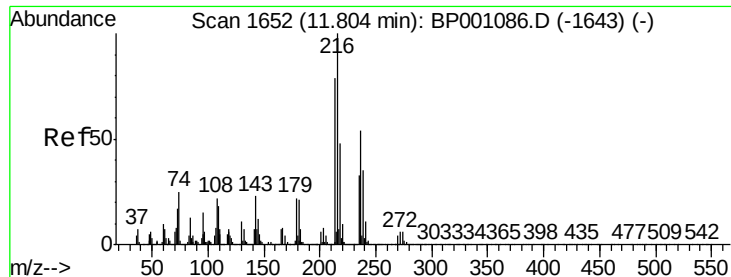
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

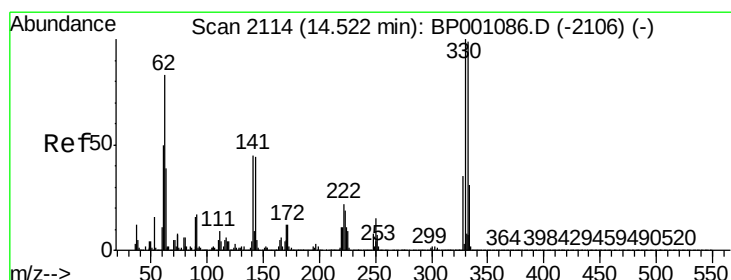
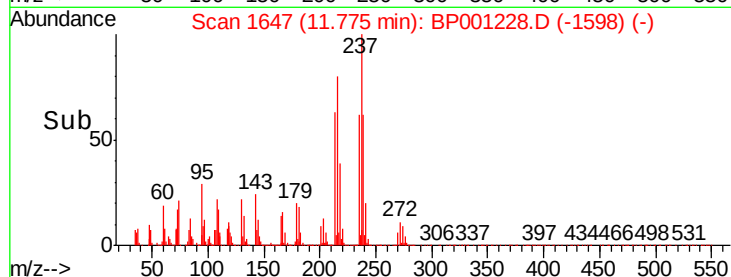
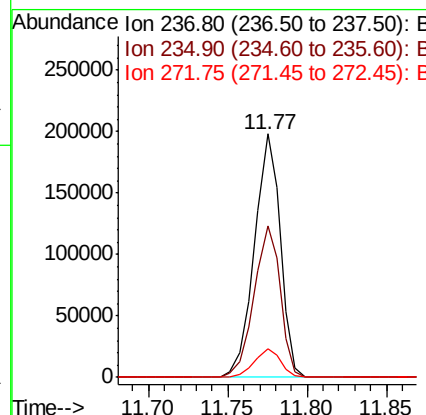
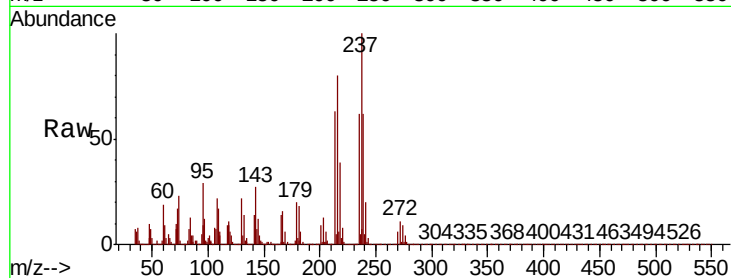




#41
Hexachlorocyclopentadiene
Concen: 62.866 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

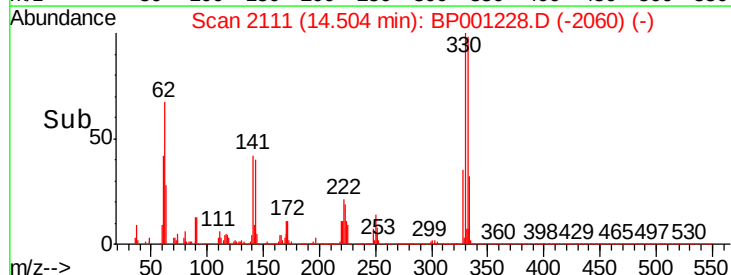
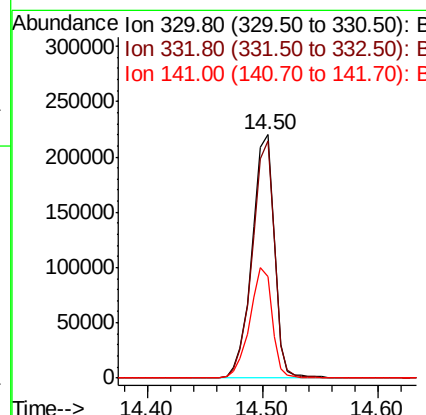
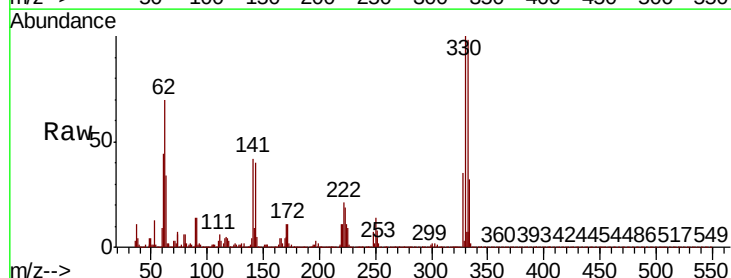
Instrument :
BNA_P
ClientSampleId :

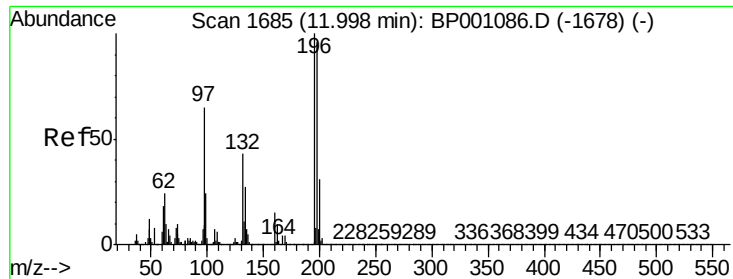
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.9	81.9
272	11.5	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 126.256 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	45.1	35.9	53.9

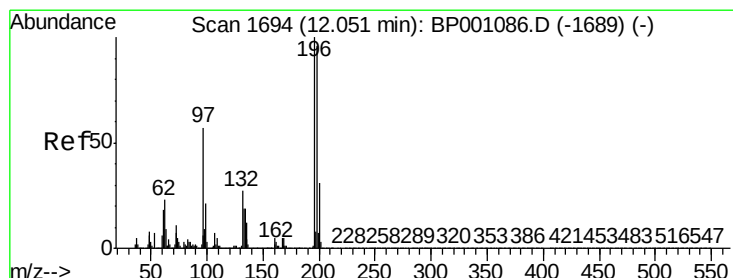
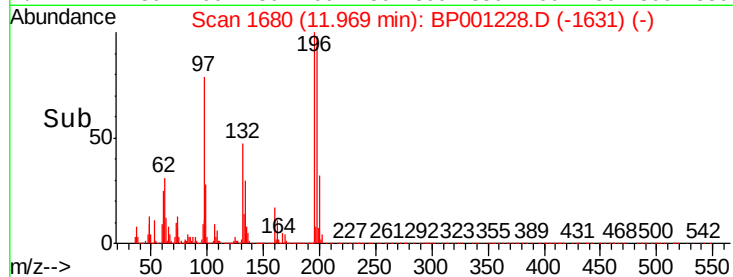
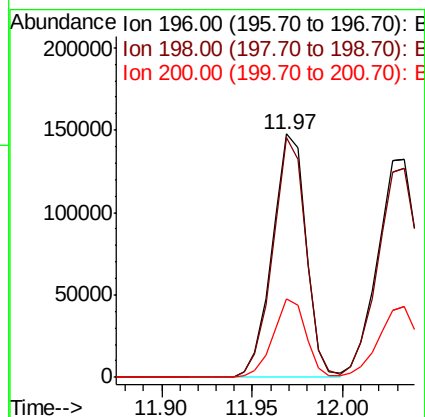
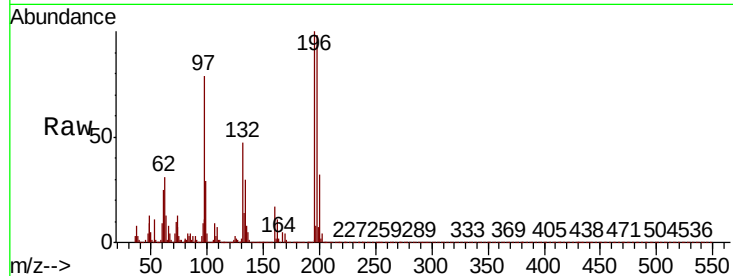




#43
2,4,6-Trichlorophenol
Concen: 37.945 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

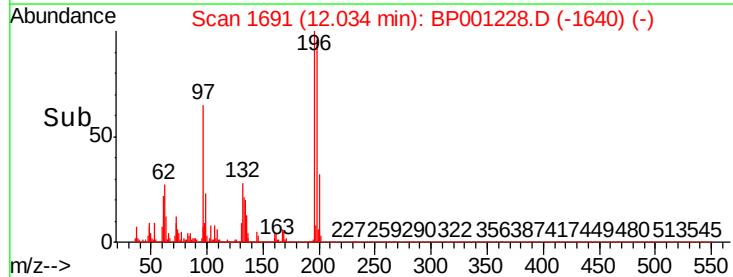
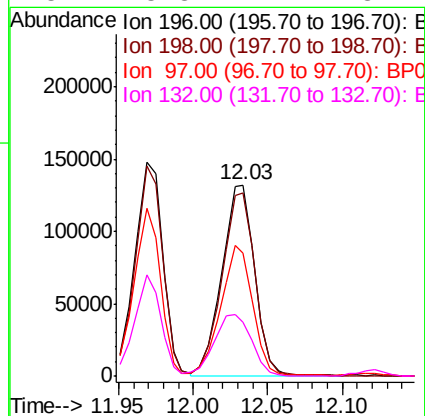
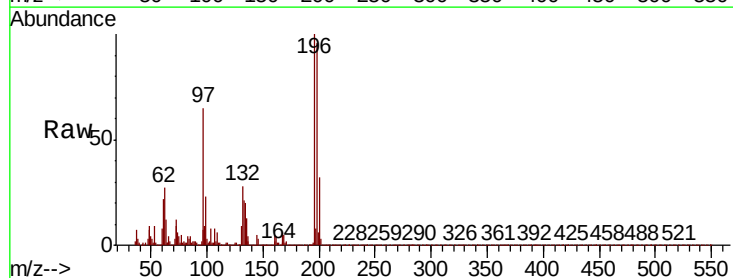
Instrument :
BNA_P
ClientSampleId :

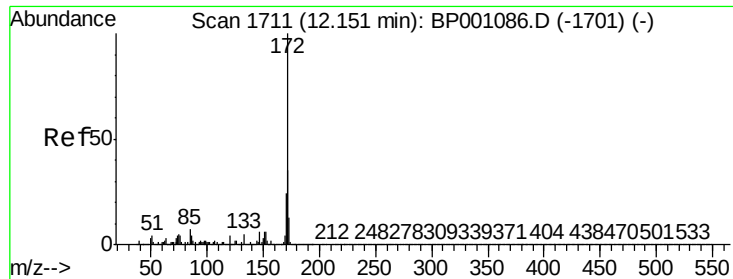
Tot Ion:196 Resp: 192220
Ion Ratio Lower Upper
196 100
198 98.3 77.4 116.0
200 32.3 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 38.904 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:196 Resp: 204194
Ion Ratio Lower Upper
196 100
198 96.1 75.7 113.5
97 64.6 51.3 76.9
132 28.3 22.7 34.1

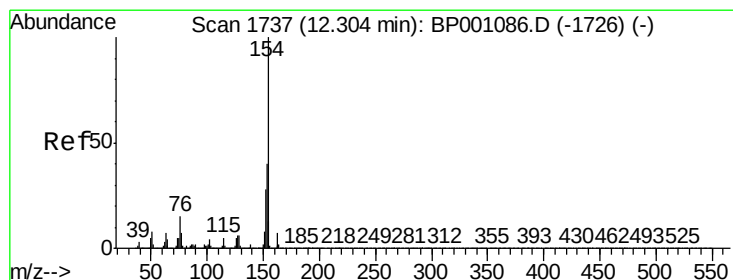
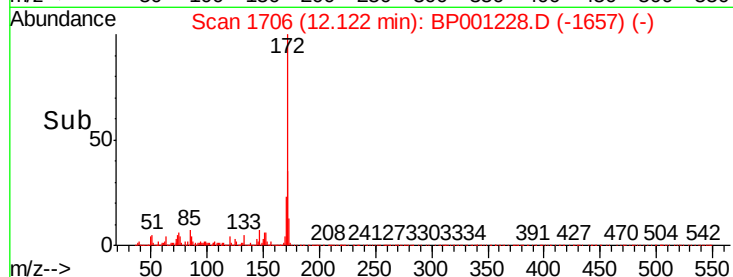
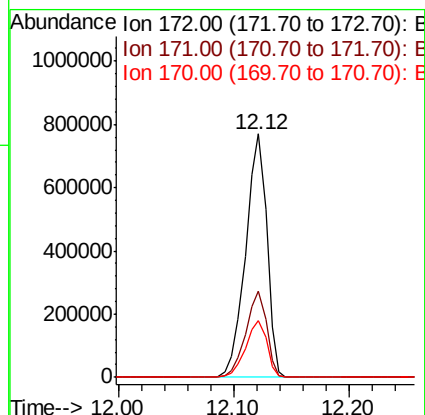
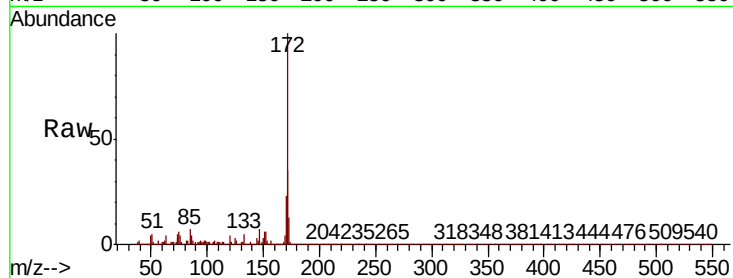




#45
2-Fluorobiphenyl
Concen: 58.102 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

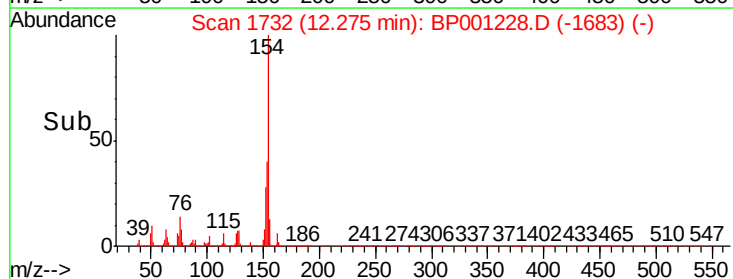
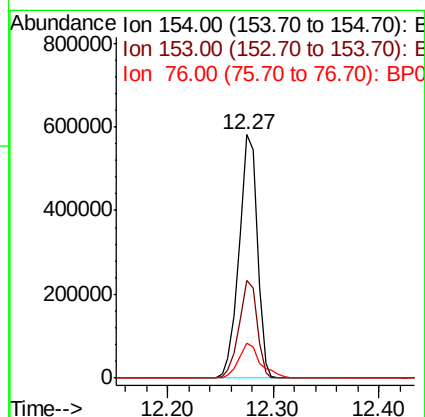
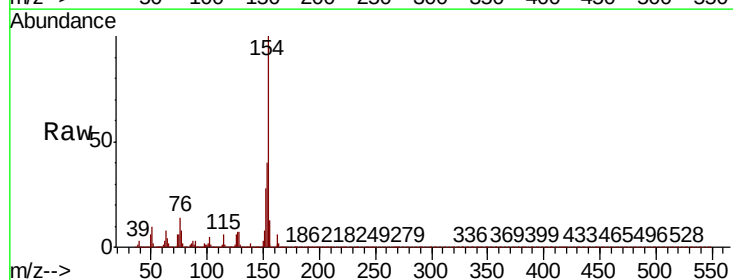
Instrument :
BNA_P
ClientSampled :

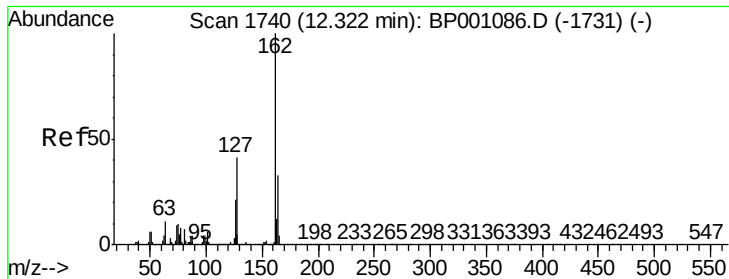
Tot Ion:172 Resp: 977318
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 19.2 28.8



#46
1,1'-Biphenyl
Concen: 35.928 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:154 Resp: 683564
Ion Ratio Lower Upper
154 100
153 40.3 19.3 59.3
76 14.2 0.0 34.2

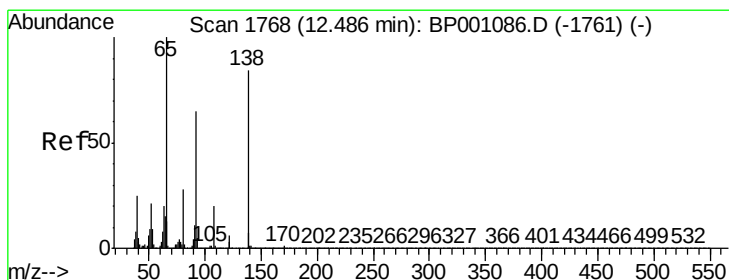
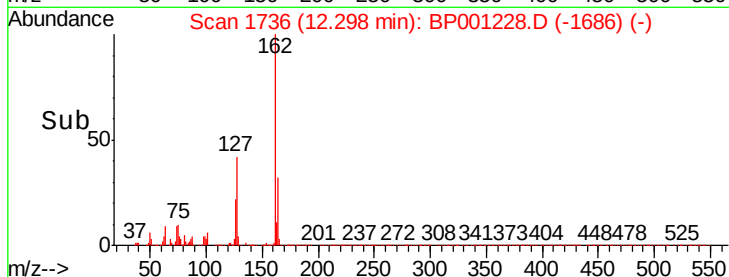
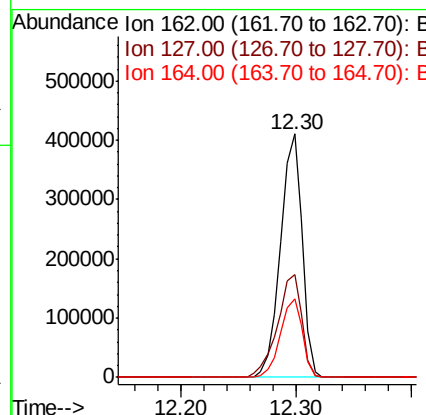
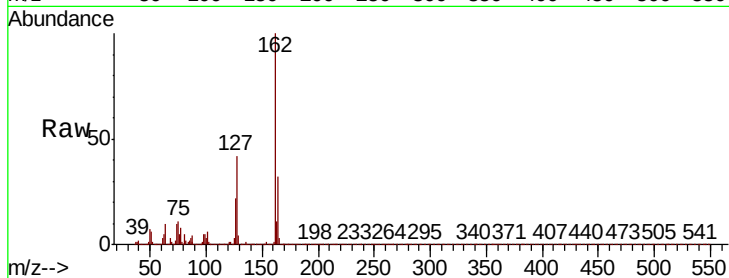




#47
2-Chloronaphthalene
Concen: 35.125 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

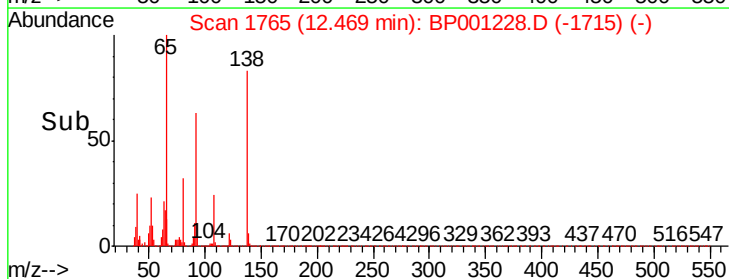
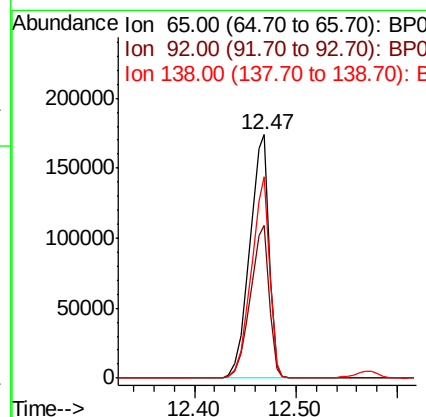
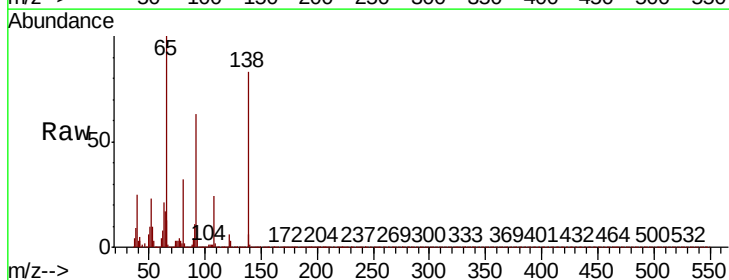
Instrument :
BNA_P
ClientSampled :

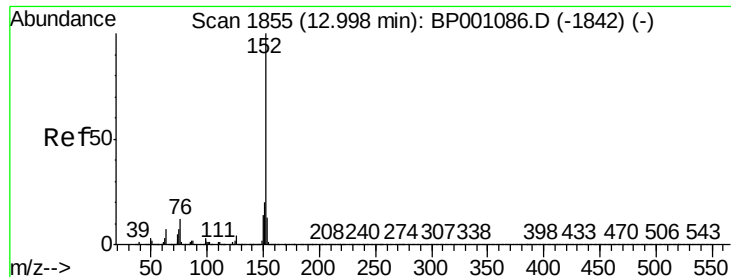
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.4	51.6
164	32.5	26.2	39.4



#48
2-Nitroaniline
Concen: 38.419 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	49.4	74.2
138	82.6	64.8	97.2





#49

Acenaphthylene

Concen: 37.200 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

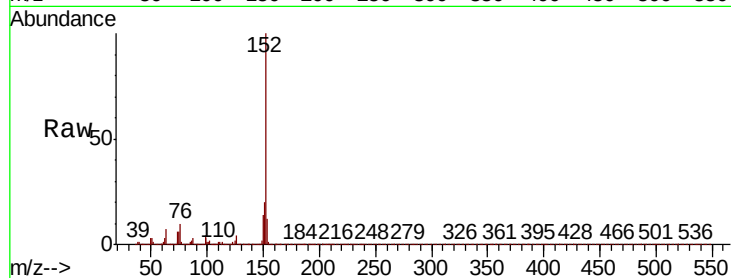
Tot Ion:152 Resp: 847421

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

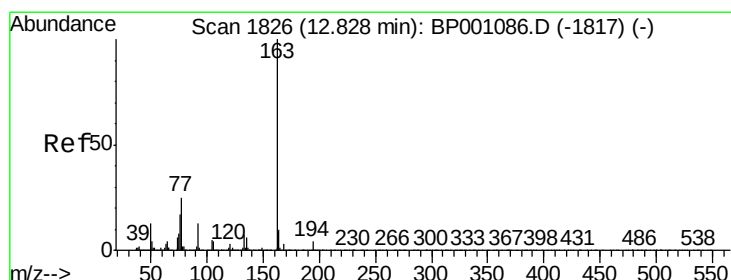
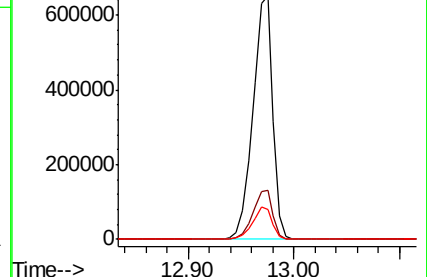
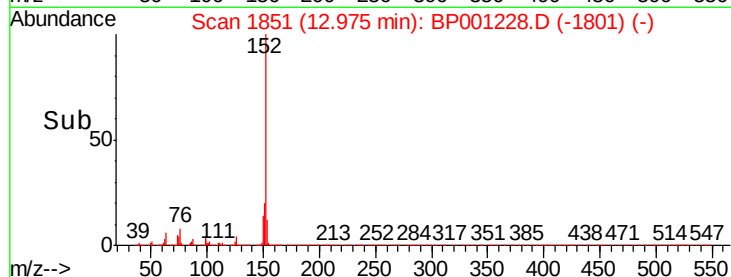
153 12.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.669 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

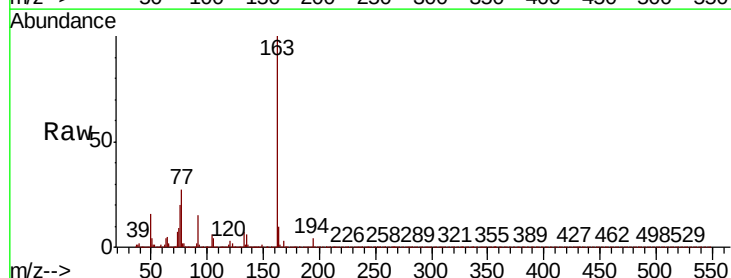
Tgt Ion:163 Resp: 693562

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

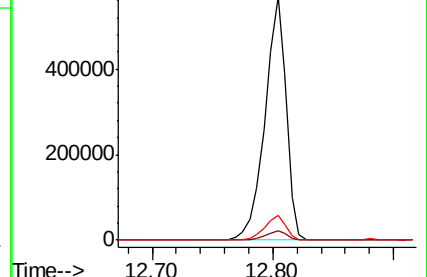
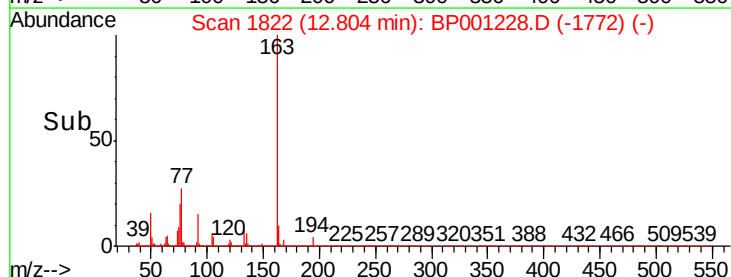
164 10.1 8.2 12.4

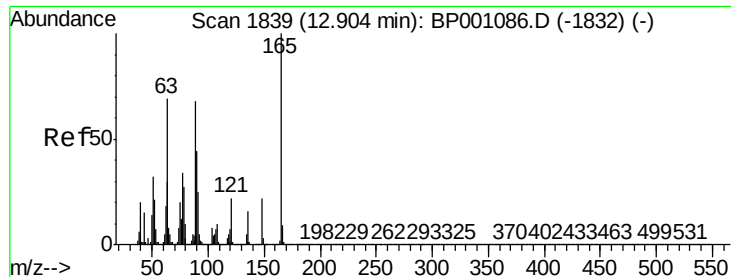


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

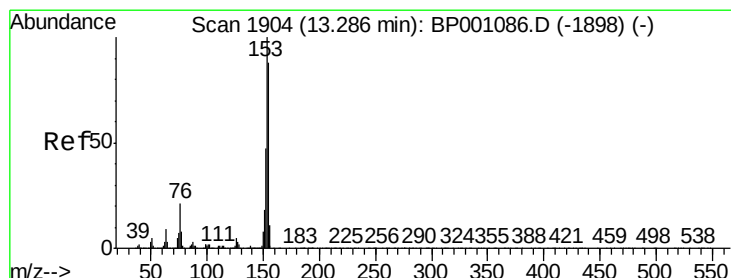
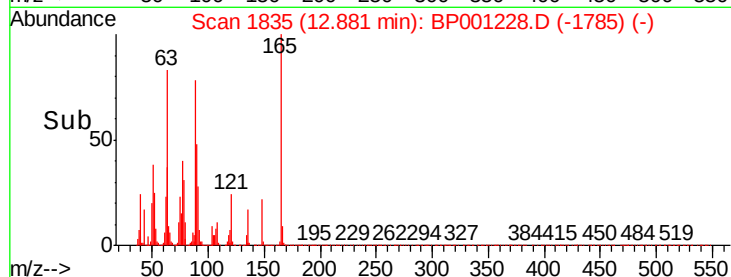
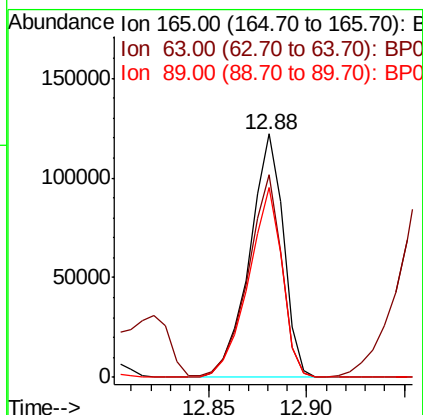
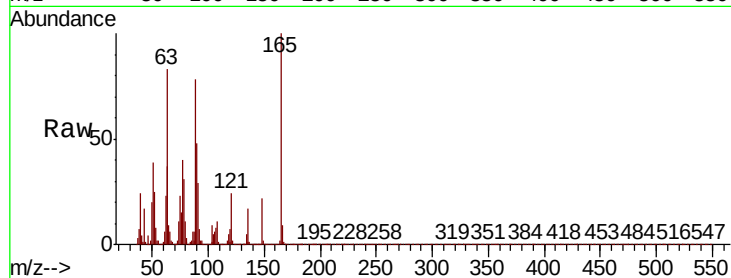




#51
2,6-Dinitrotoluene
Concen: 37.303 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

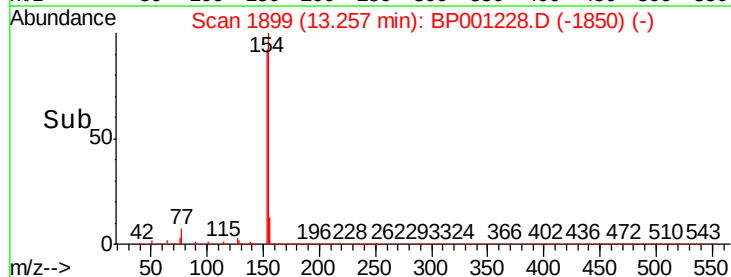
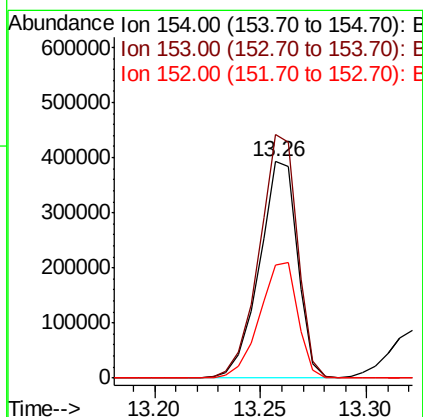
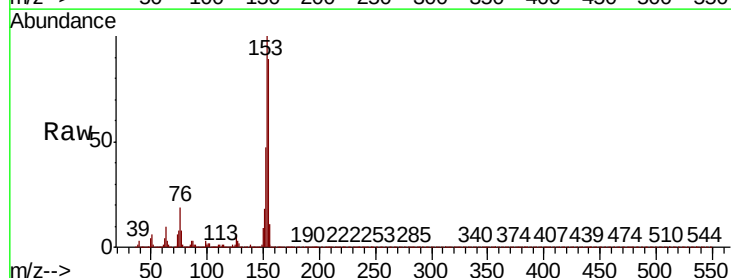
Instrument :
BNA_P
ClientSampleId :

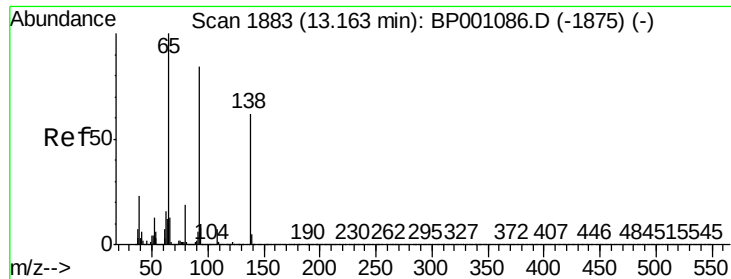
Tot Ion	Ratio	Lower	Upper
165	100		
63	83.4	64.1	96.1
89	78.1	61.8	92.6



#52
Acenaphthene
Concen: 35.915 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.3	135.5
152	52.6	42.9	64.3

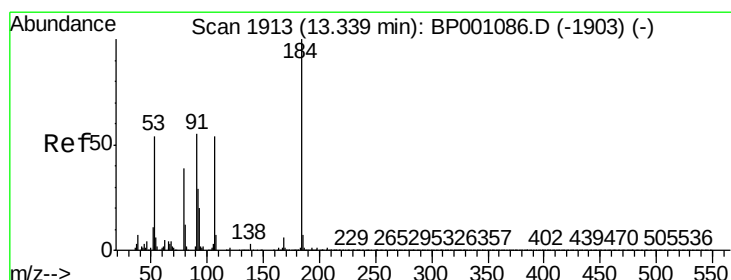
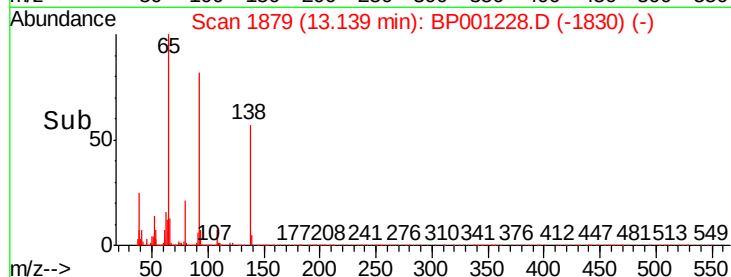
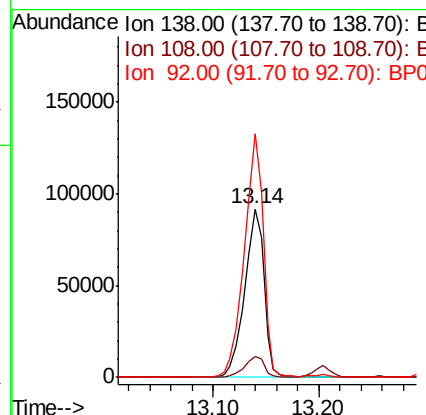
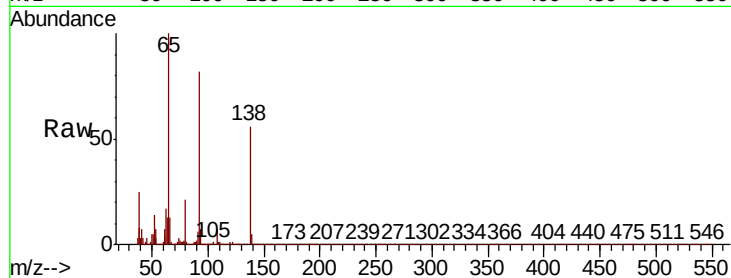




#53
3-Nitroaniline
Concen: 26.121 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

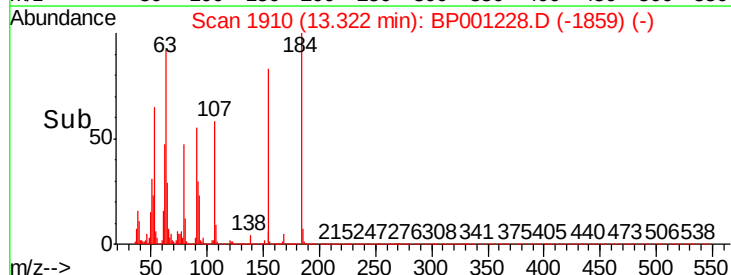
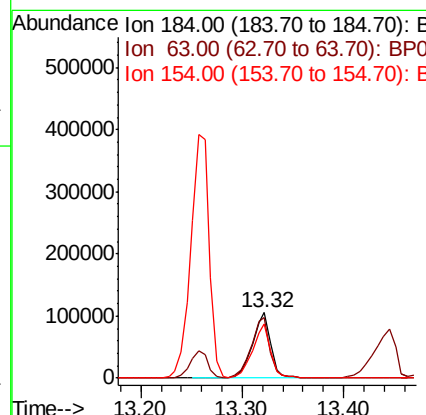
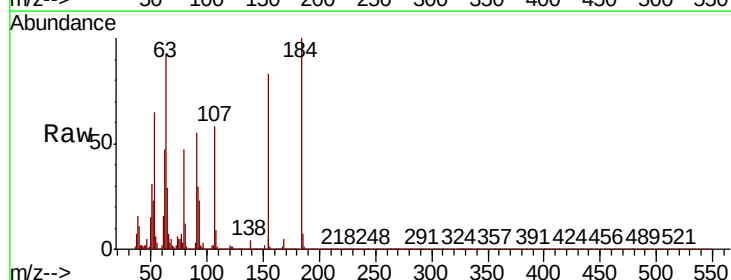
Instrument :
BNA_P
ClientSampleId :

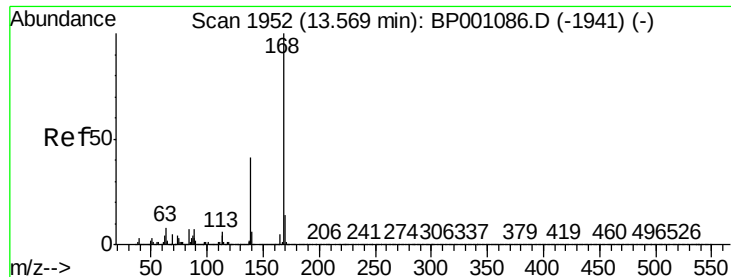
Tot Ion:138 Resp: 115651
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 144.8 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 82.415 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:184 Resp: 133060
Ion Ratio Lower Upper
184 100
63 91.9 69.4 104.0
154 83.5 57.4 86.2





#55

Dibenzofuran

Concen: 37.805 ng

RT: 13.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

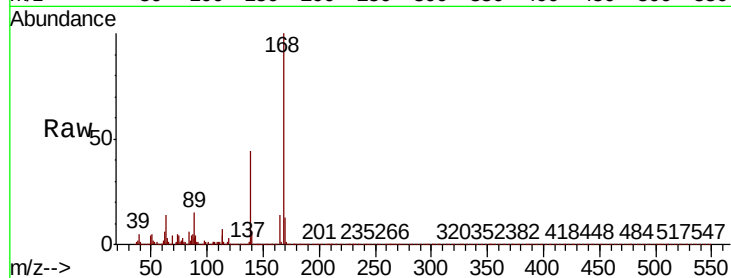
Tot Ion:168 Resp: 778463

Ion Ratio Lower Upper

168 100

139 43.5 34.5 51.7

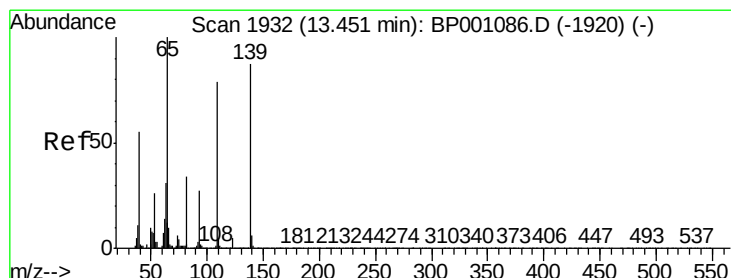
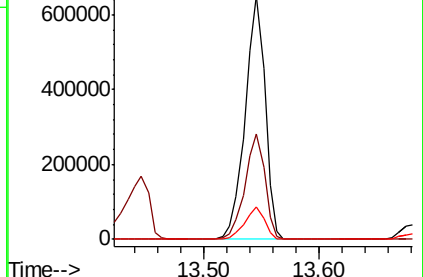
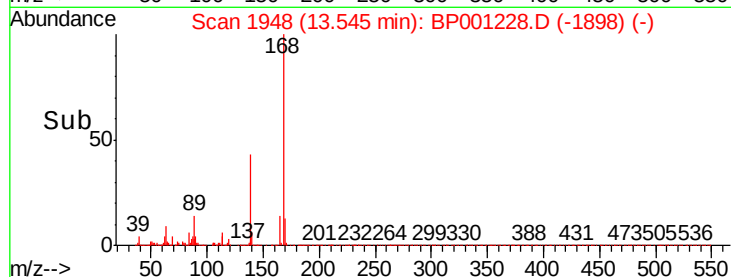
169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.142 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

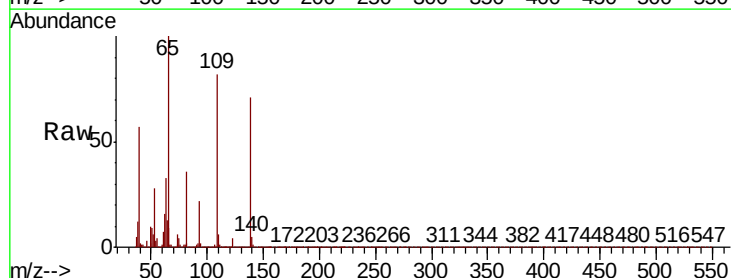
Tgt Ion:139 Resp: 254572

Ion Ratio Lower Upper

139 100

109 116.7 87.8 127.8

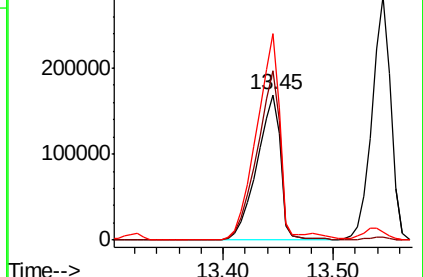
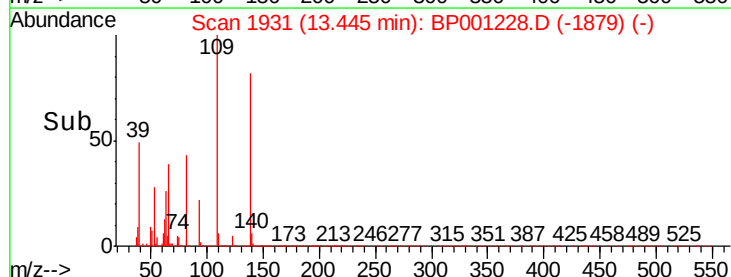
65 141.8 111.9 151.9

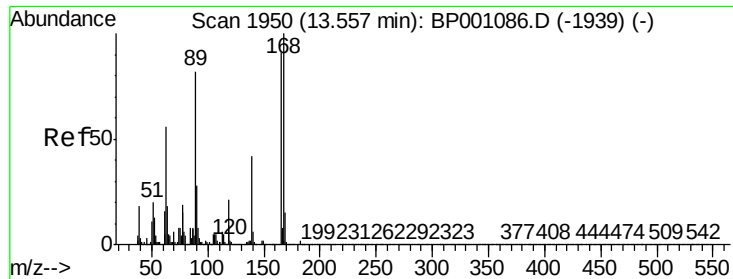


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

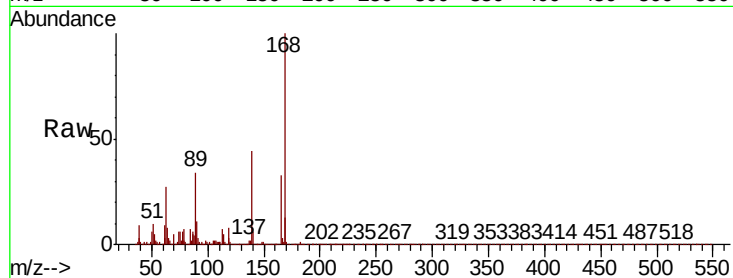




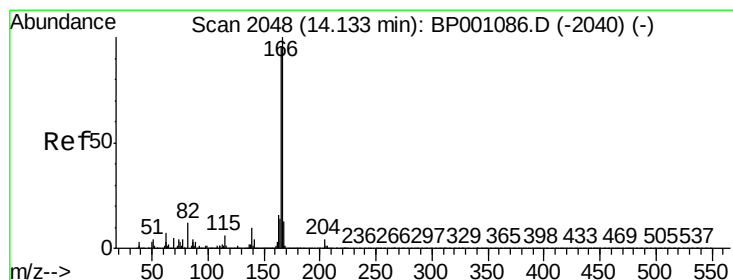
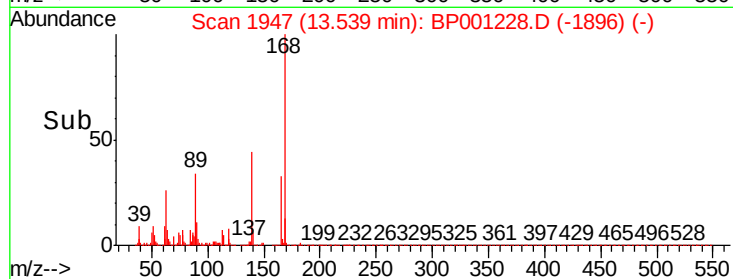
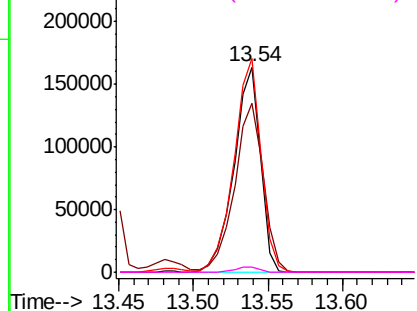
#57
2,4-Dinitrotoluene
Concen: 40.921 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :

Tot Ion:	165	Resp:	202164
Ion	Ratio	Lower	Upper
165	100		
63	82.3	58.3	87.5
89	104.0	79.8	119.8
182	2.8	2.2	3.2

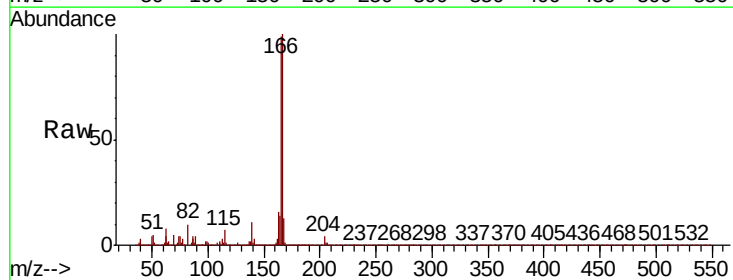


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

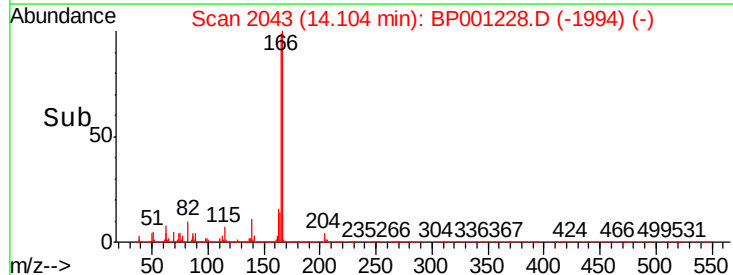
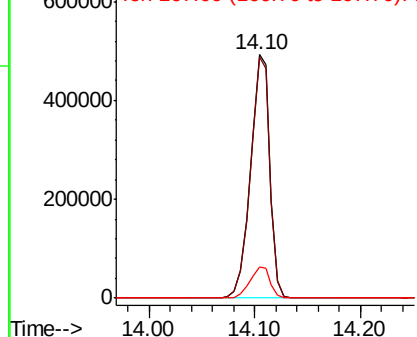


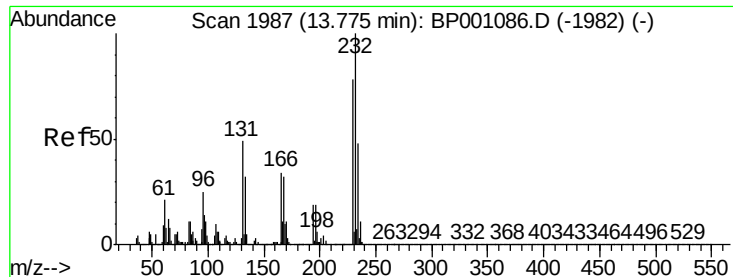
#58
Fluorene
Concen: 37.861 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	166	Resp:	624712
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.8
167	13.0	10.5	15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

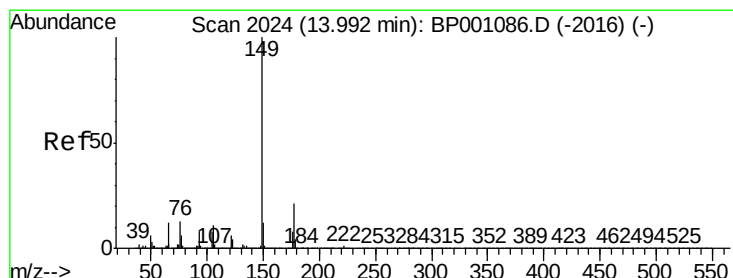
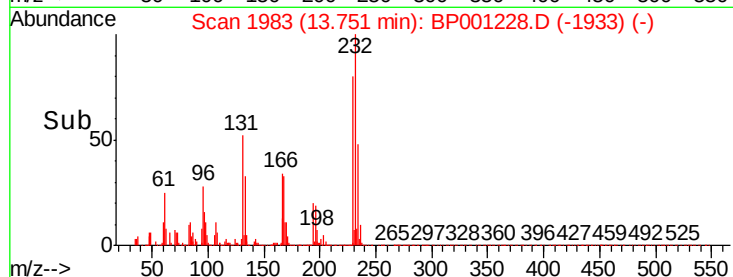
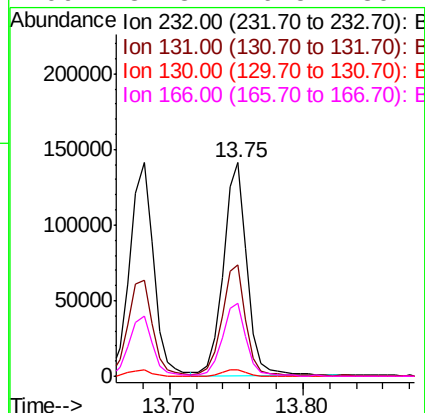
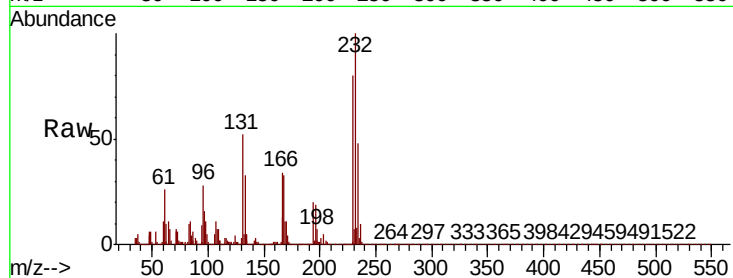




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.578 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

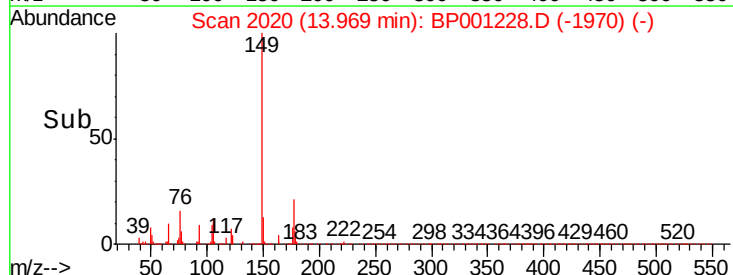
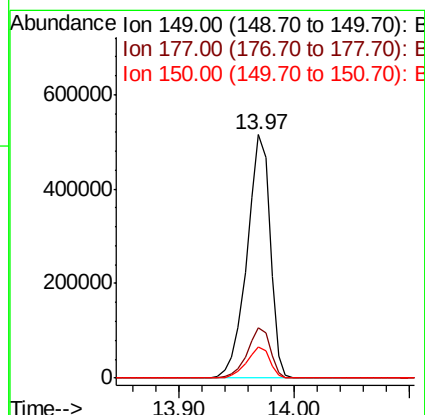
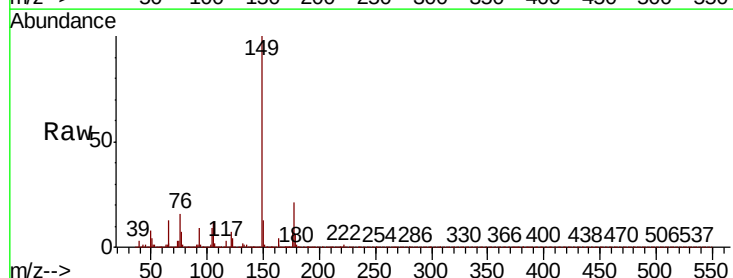
Instrument :
 BNA_P
 ClientSampled :

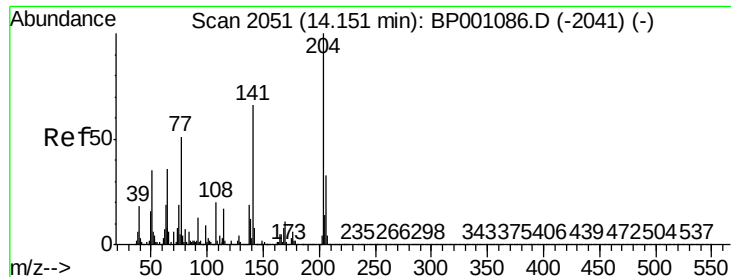
Tot Ion:	232	Resp:	175073
Ion	Ratio	Lower	Upper
232	100		
131	53.5	41.4	62.0
130	3.1	2.2	3.4
166	34.3	26.5	39.7



#60
 Diethylphthalate
 Concen: 37.571 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion:	149	Resp:	716283
Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.4
150	12.6	10.2	15.2

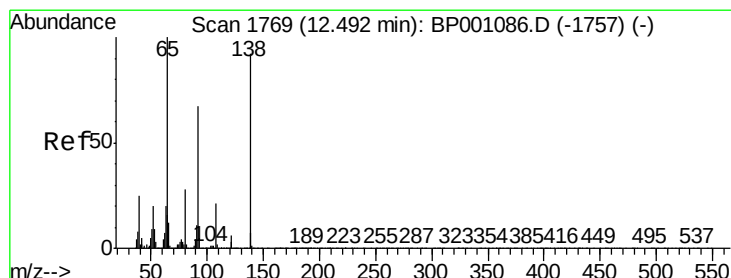
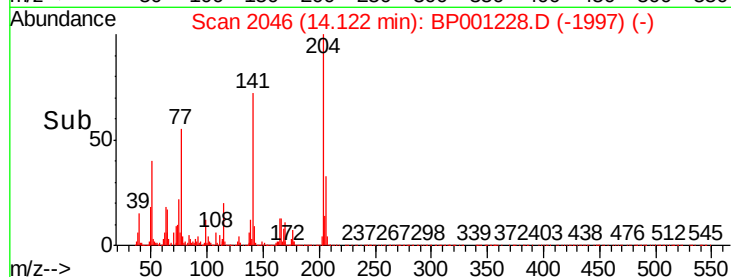
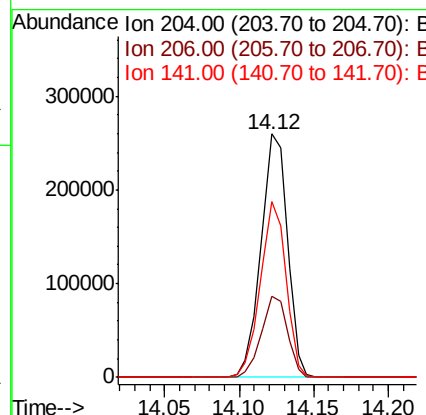
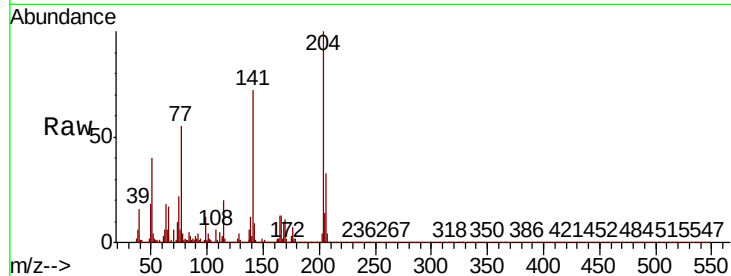




#61
4-Chlorophenyl-phenylether
Concen: 37.578 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

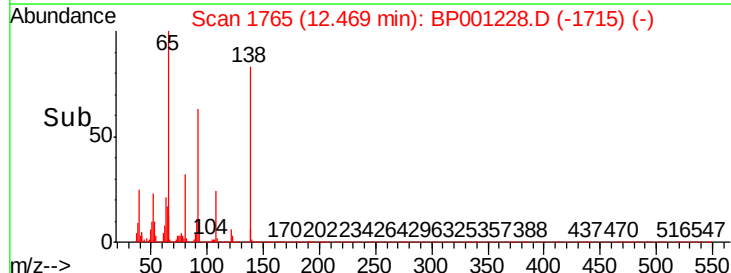
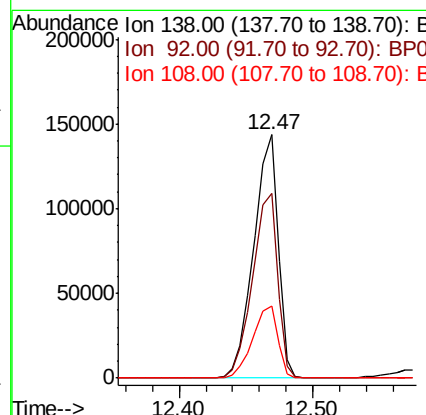
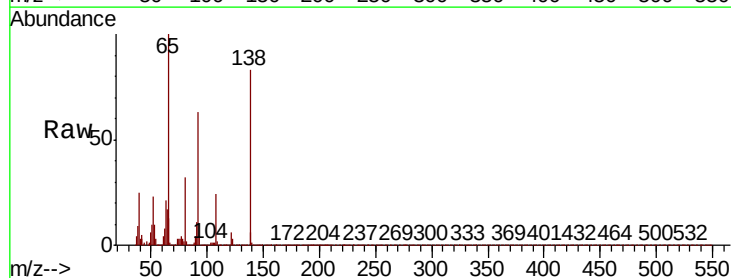
Instrument :
BNA_P
ClientSampleId :

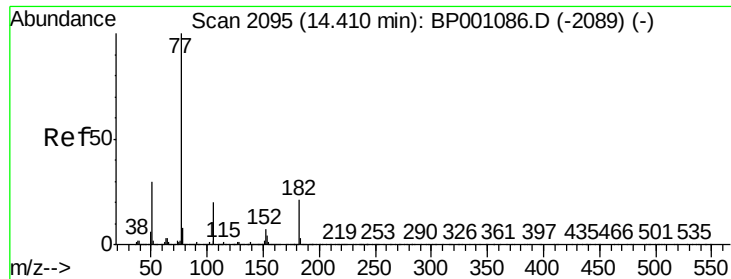
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	72.0	54.9	82.3



#62
4-Nitroaniline
Concen: 35.140 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	75.7	56.3	96.3
108	29.7	8.3	48.3

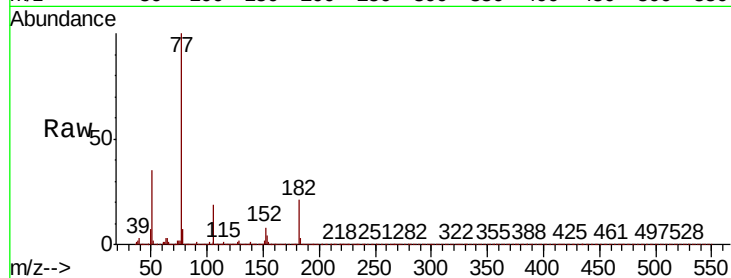




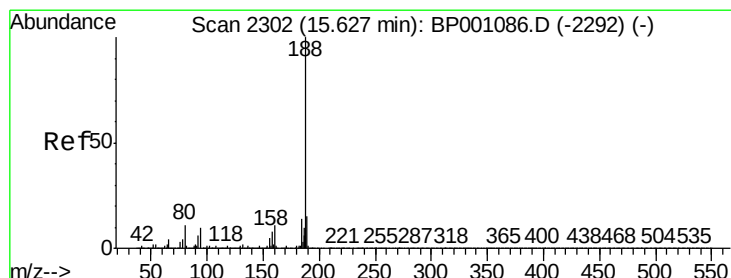
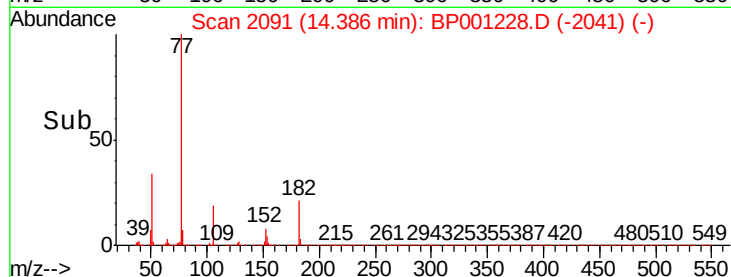
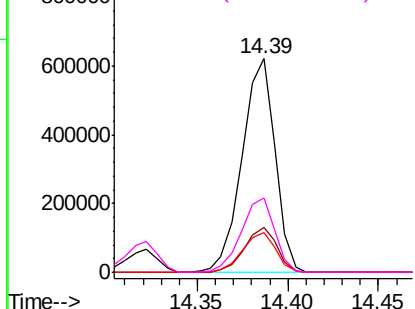
#63
Azobenzene
Concen: 38.129 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	785736
Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.1	41.1
105	18.7	0.0	39.5
51	34.6	13.5	53.5

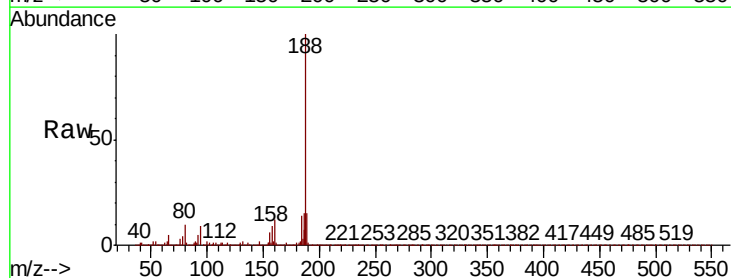


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

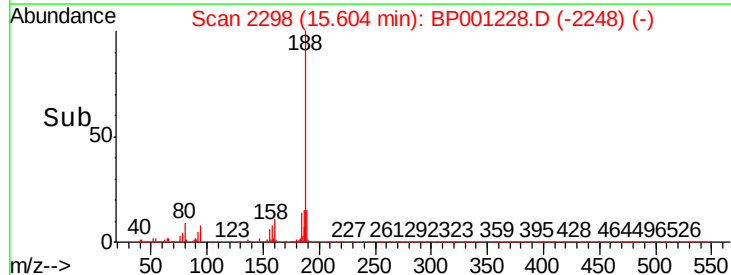
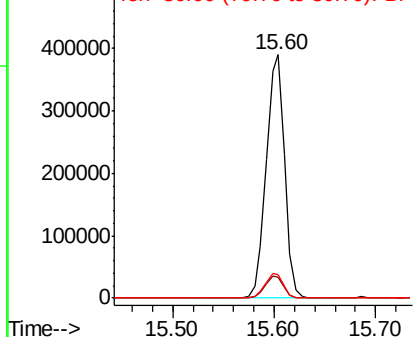


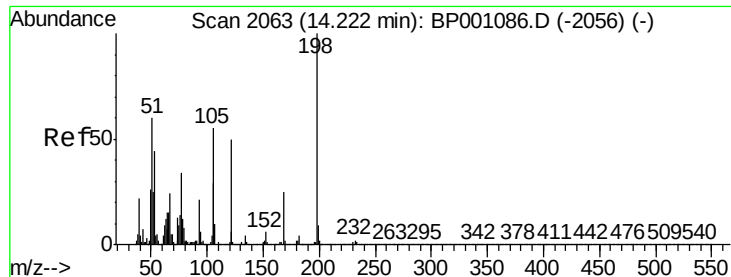
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	188	Resp:	494524
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.8	7.8	11.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

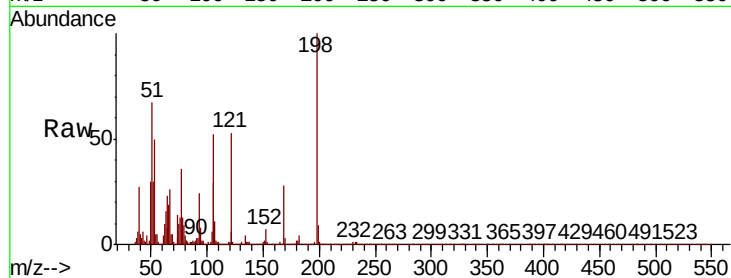




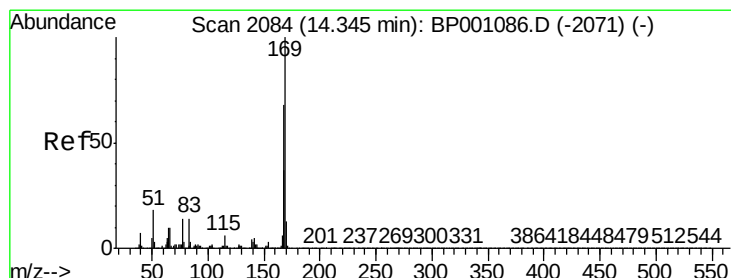
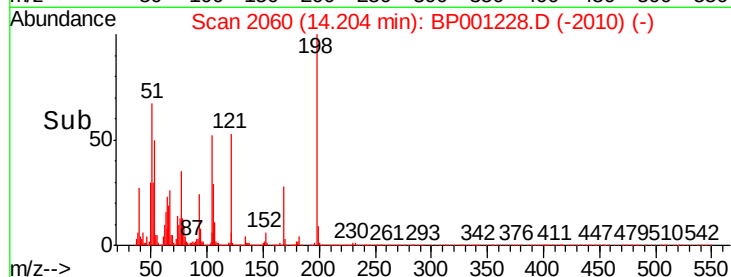
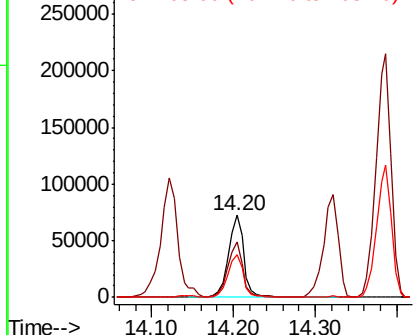
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.887 ng
 RT: 14.20 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:198 Resp: 94210
 Ion Ratio Lower Upper
 198 100
 51 67.4 36.2 76.2
 105 52.1 30.2 70.2

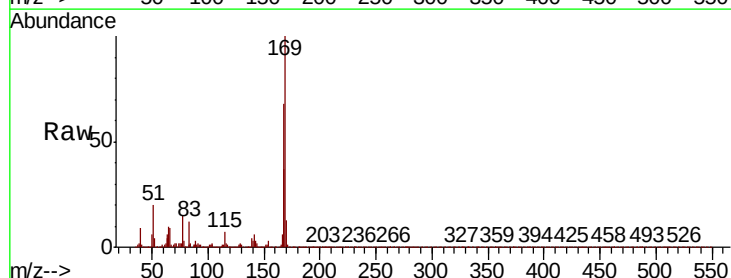


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BP
 Ion 105.00 (104.70 to 105.70): E

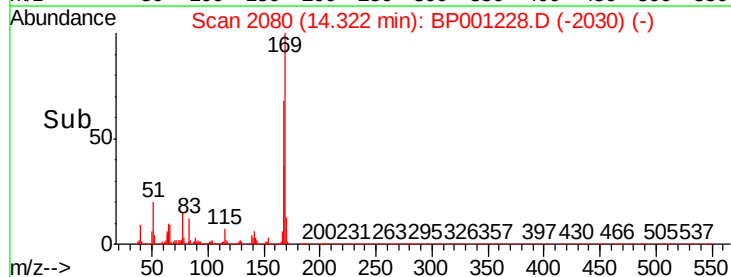
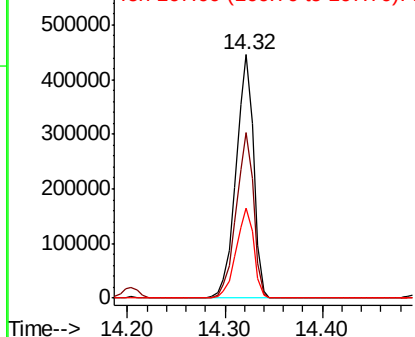


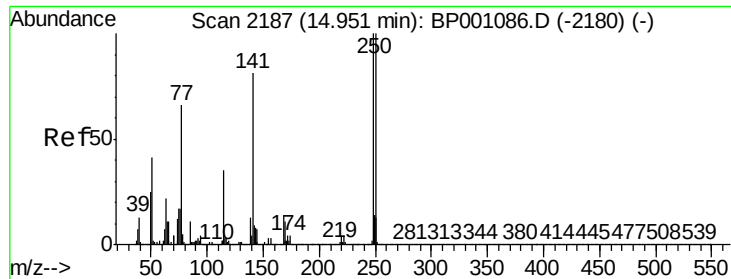
#66
 n-Nitrosodiphenylamine
 Concen: 36.758 ng
 RT: 14.32 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion:169 Resp: 552320
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.7 80.5
 167 37.2 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

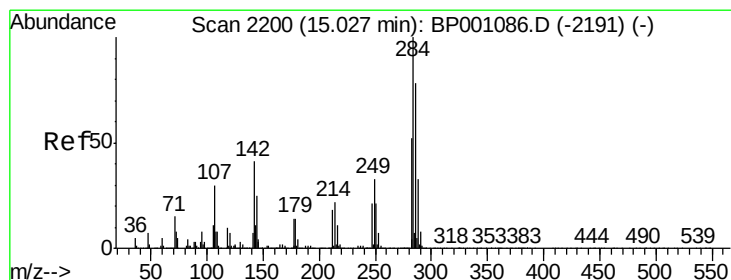
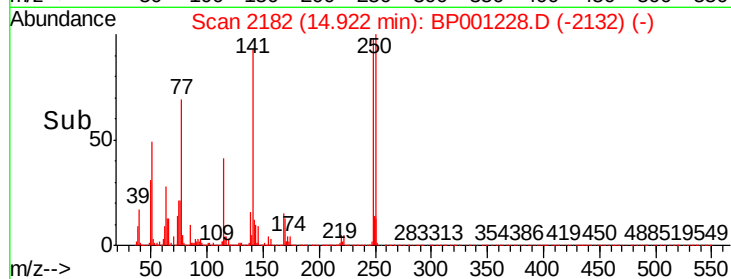
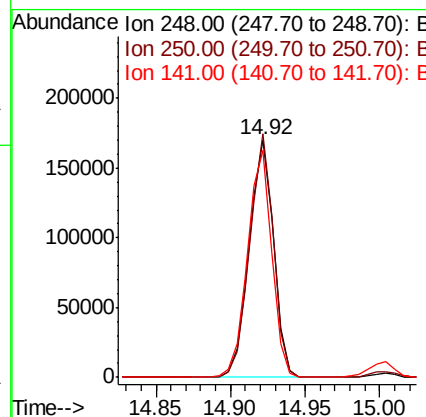
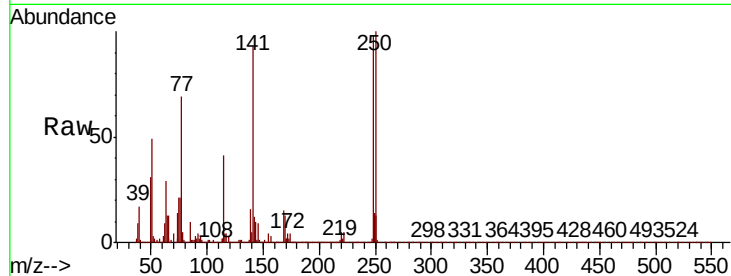




#67
4-Bromophenyl-phenylether
Concen: 35.871 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

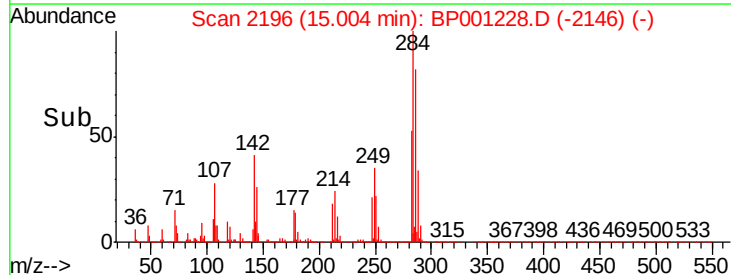
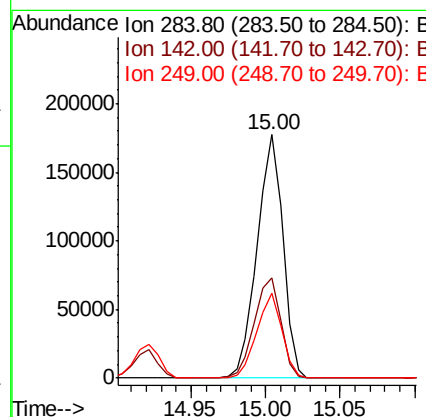
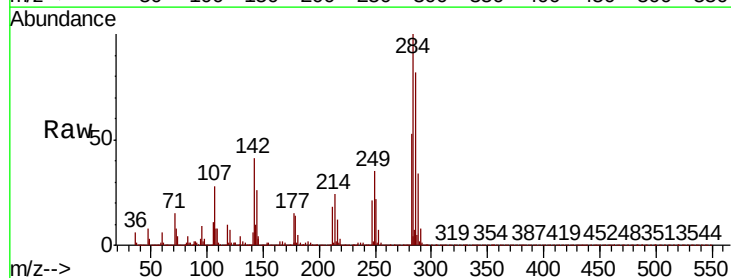
Instrument :
BNA_P
ClientSampled :

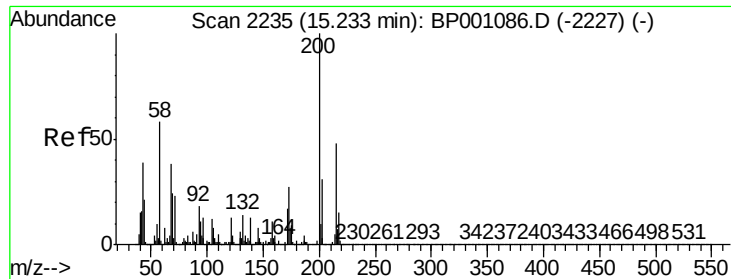
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.4	77.6	116.4
141	95.5	74.6	111.8



#68
Hexachlorobenzene
Concen: 35.690 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.2	35.0	52.6
249	34.9	27.6	41.4

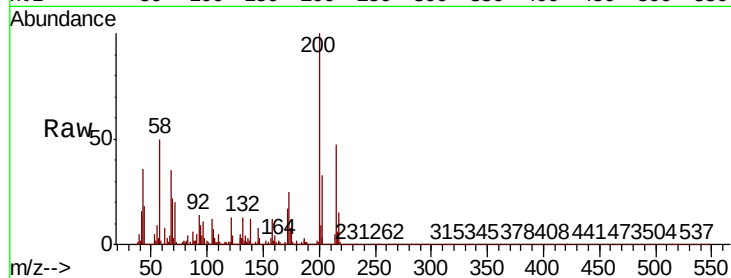




#69
Atrazine
Concen: 41.289 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.4	46.4
215	47.1	27.7	67.7

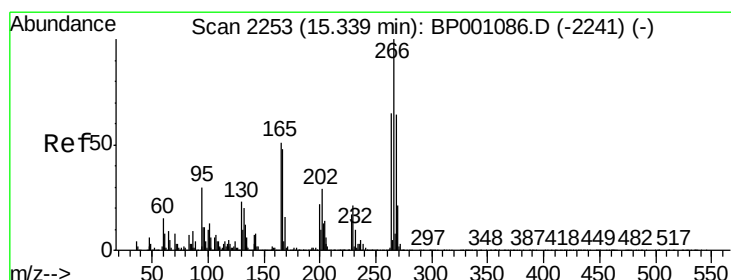
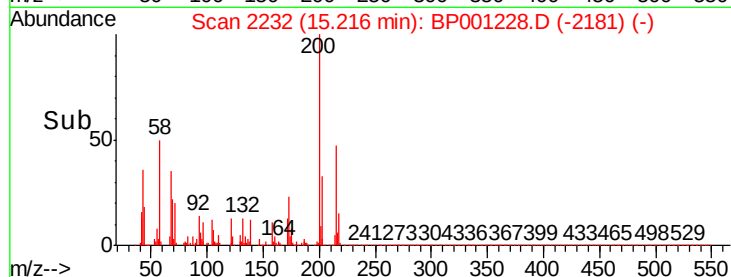
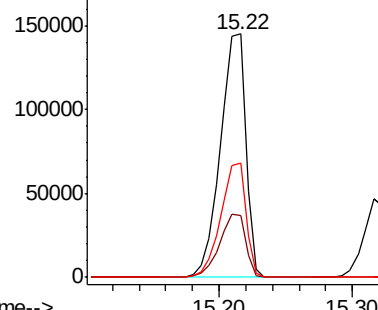


Abundance

Ion 200.00 (199.70 to 200.70): E

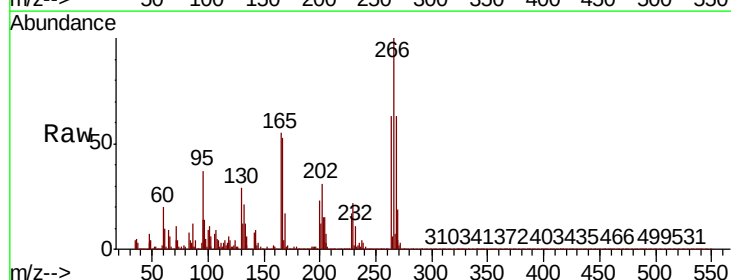
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 87.131 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.6	76.0
264	62.9	49.9	74.9

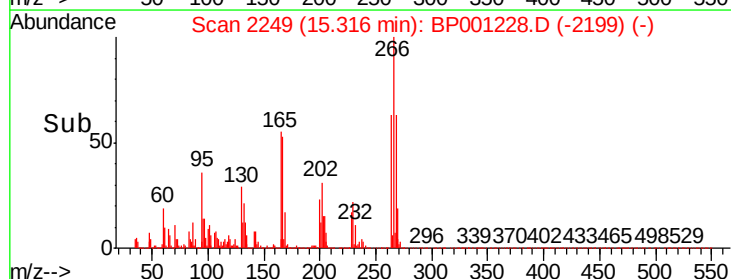
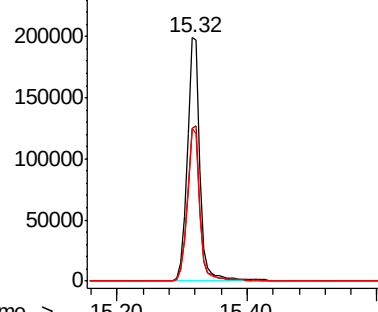


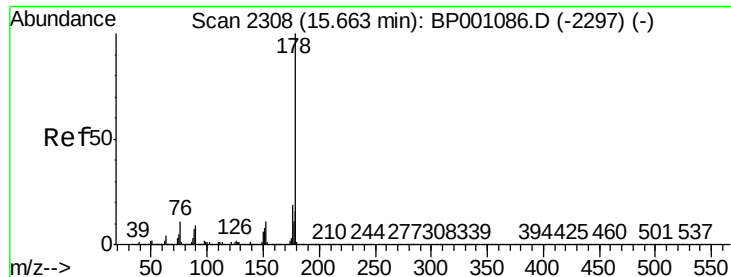
Abundance

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: 37.232 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

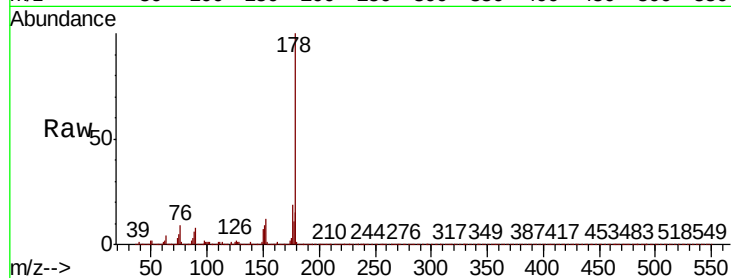
Tot Ion:178 Resp: 967978

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

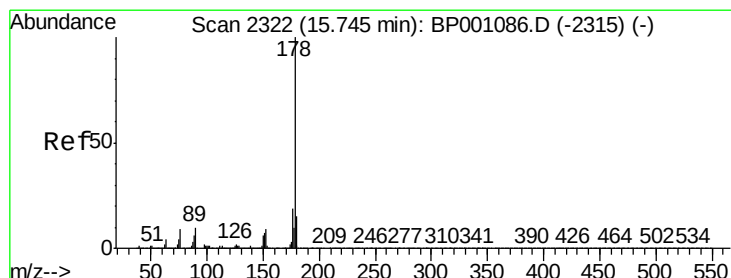
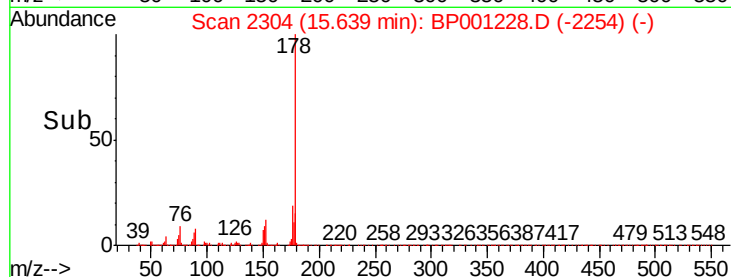
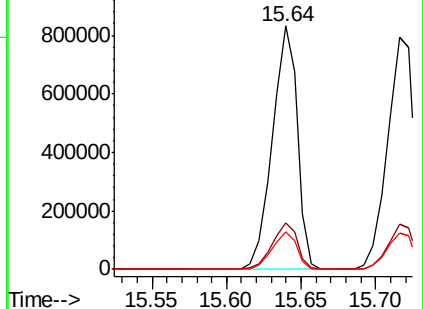
179 15.2 12.4 18.6



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: 38.083 ng

RT: 15.72 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

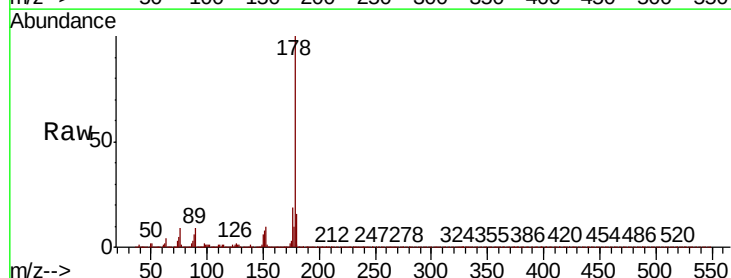
Tgt Ion:178 Resp: 975898

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

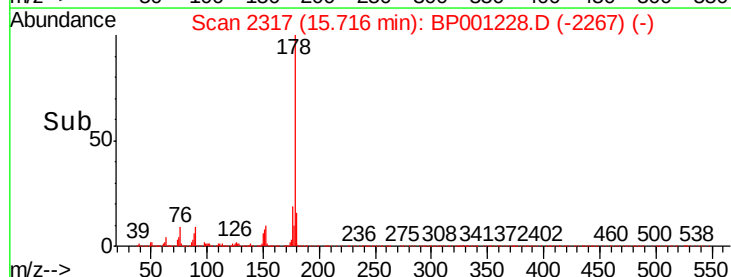
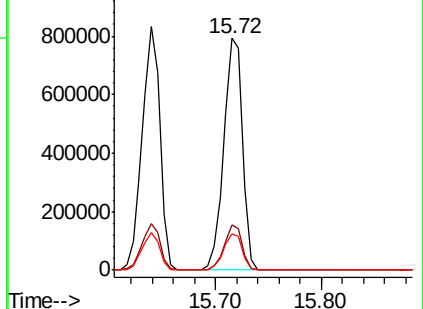
179 15.7 12.7 19.1

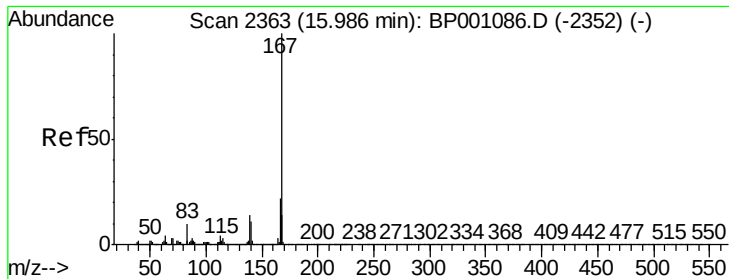


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

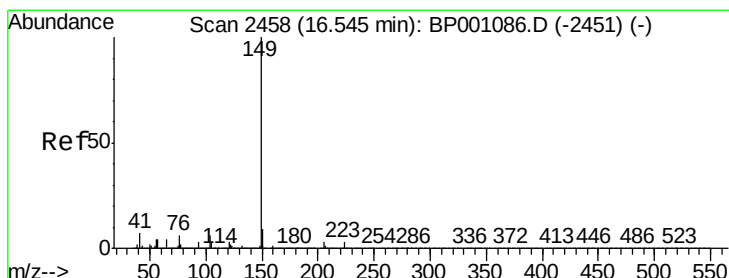
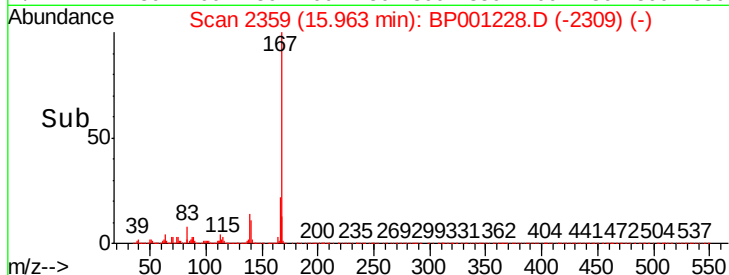
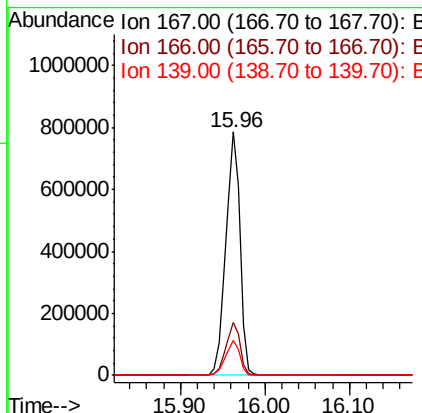
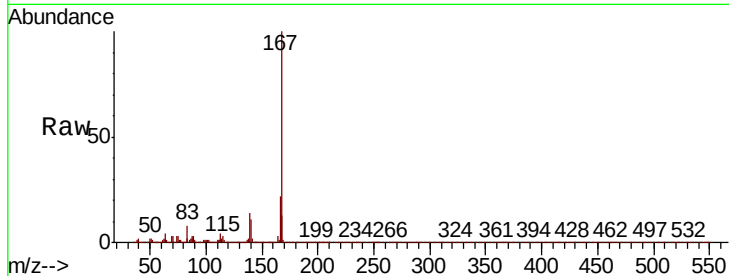




#73
 Carbazole
 Concen: 38.841 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

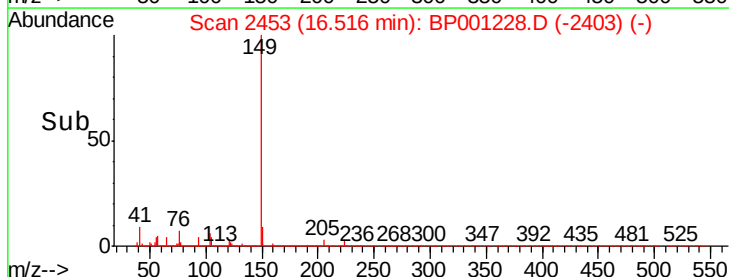
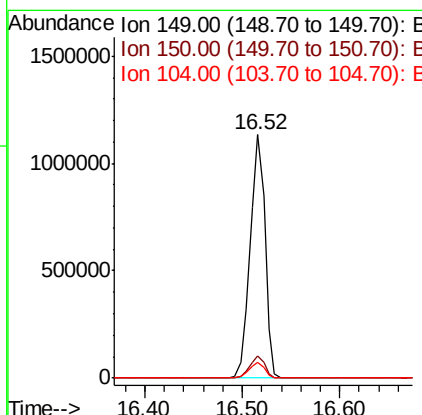
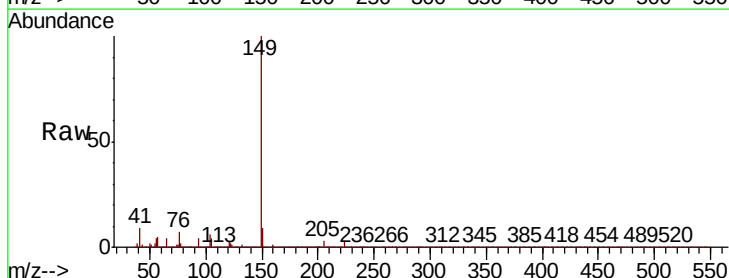
Instrument :
 BNA_P
 ClientSampleId :

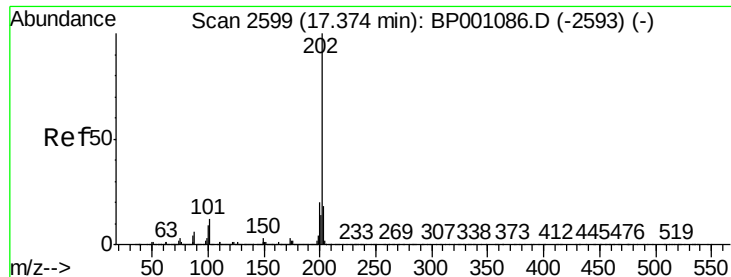
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.4	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 38.710 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 40.655 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

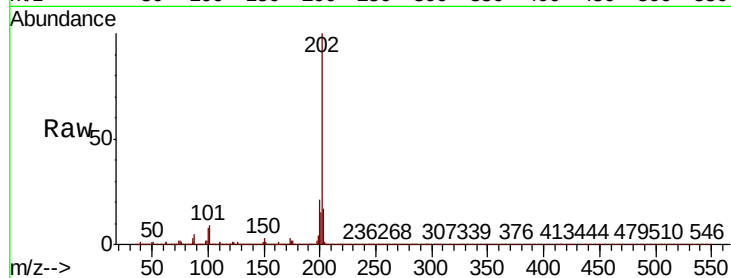
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1118975

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	17.0	0.0	37.1

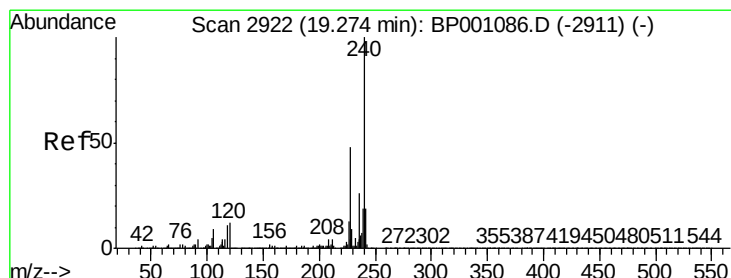
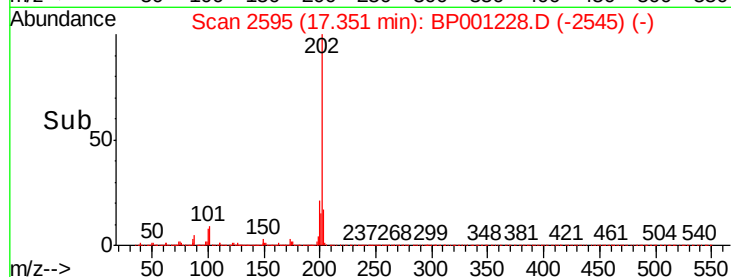
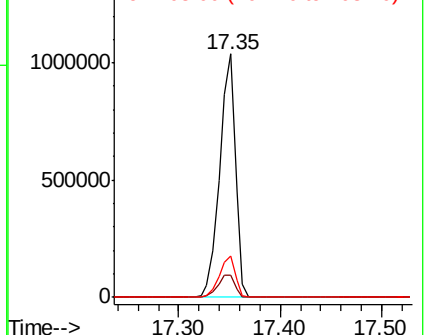


Abundance

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: 19.25 min Scan# 2917

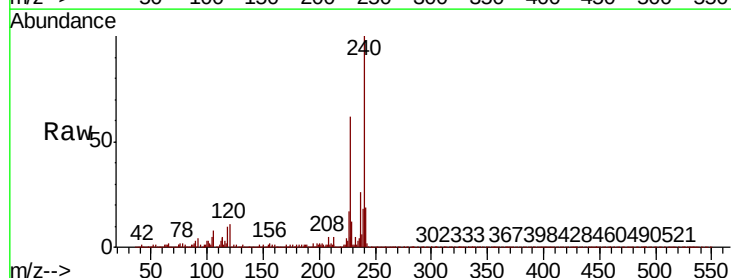
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:240 Resp: 424149

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.0	10.6#
236	26.4	21.7	32.5

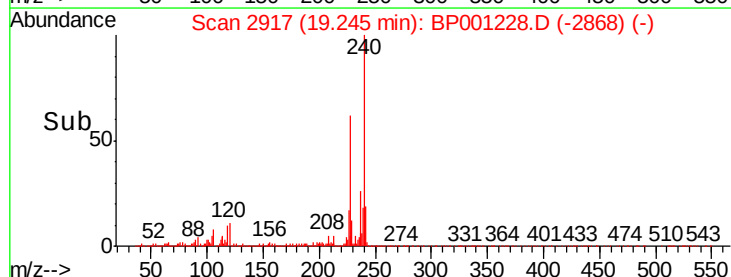
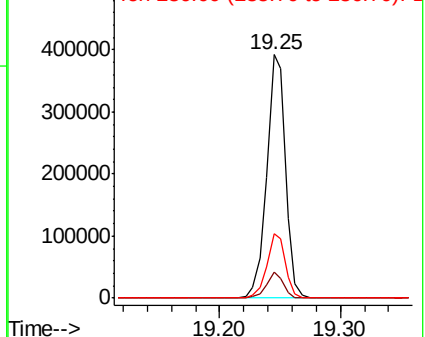


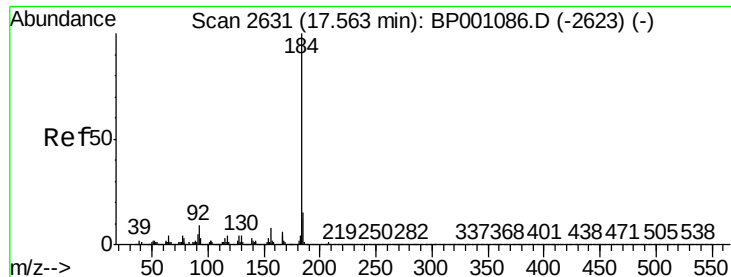
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.906 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

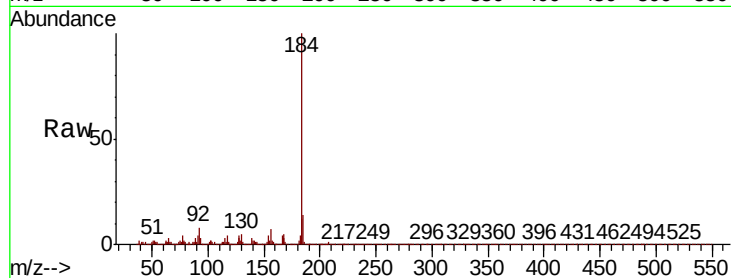
Tot Ion:184 Resp: 196096

Ion Ratio Lower Upper

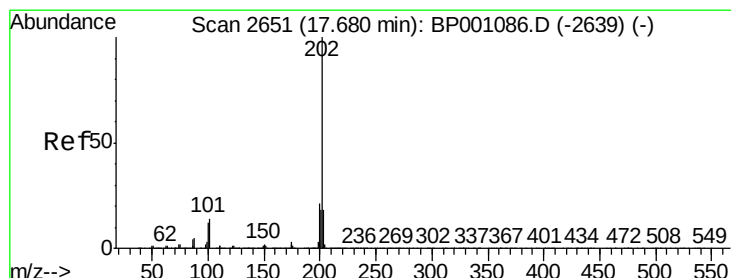
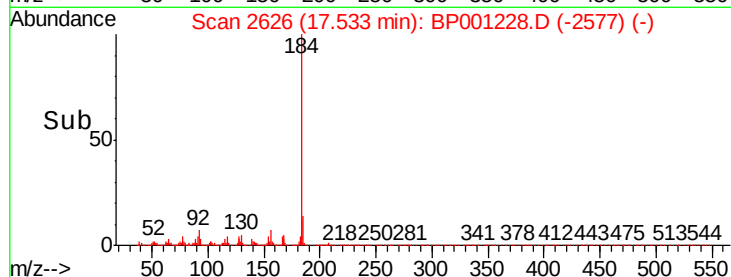
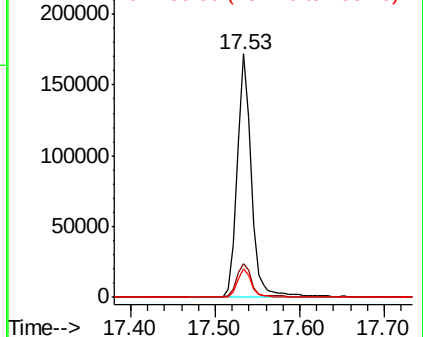
184 100

185 13.8 11.4 17.0

183 11.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.209 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

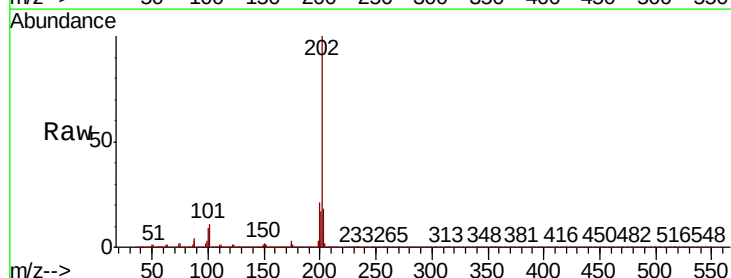
Tgt Ion:202 Resp: 1142804

Ion Ratio Lower Upper

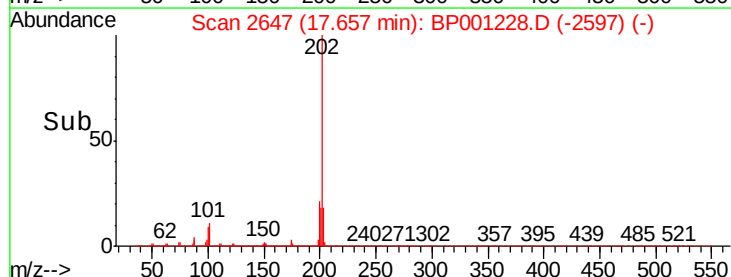
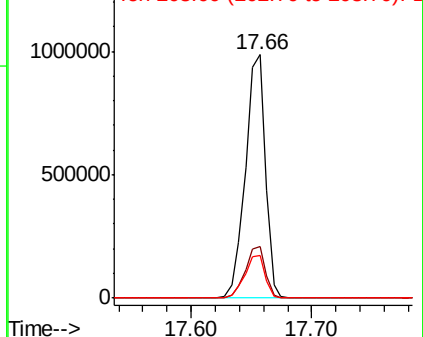
202 100

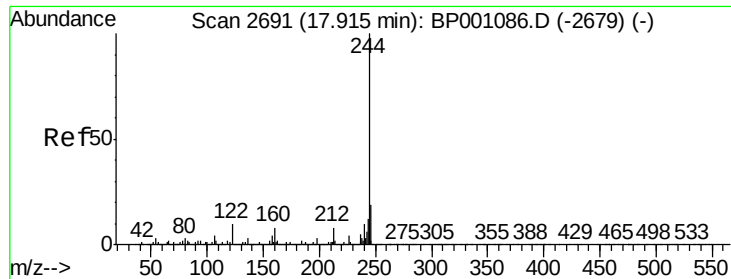
200 21.3 17.3 25.9

203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.990 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampled :

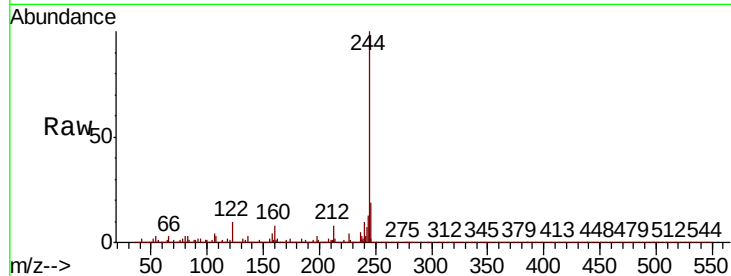
Tot Ion:244 Resp: 1306539

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

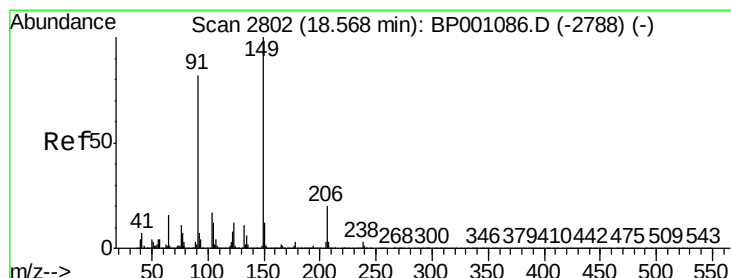
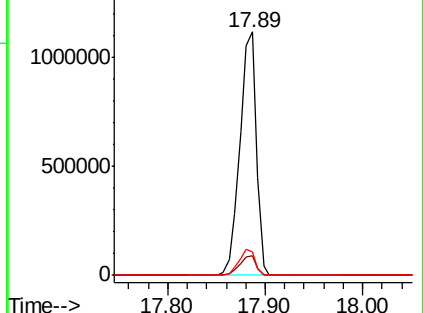
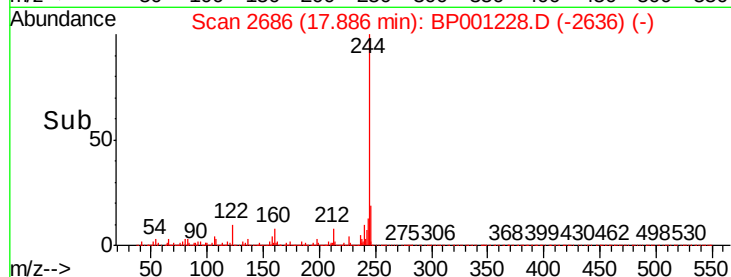
122 9.6 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.939 ng

RT: 18.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

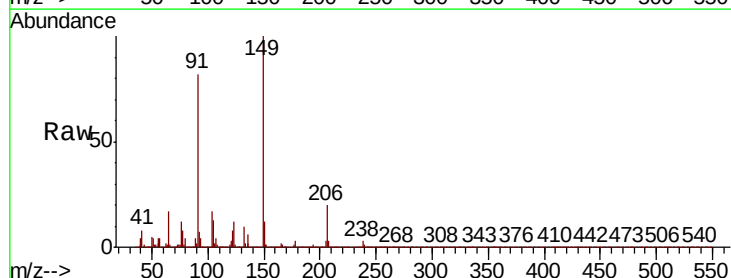
Tgt Ion:149 Resp: 539115

Ion Ratio Lower Upper

149 100

91 82.1 67.4 101.2

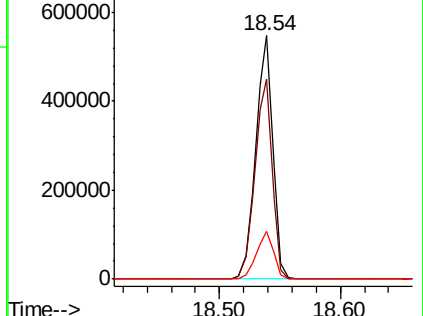
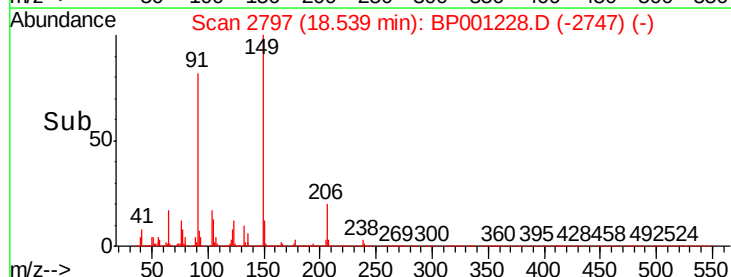
206 19.9 15.0 22.4

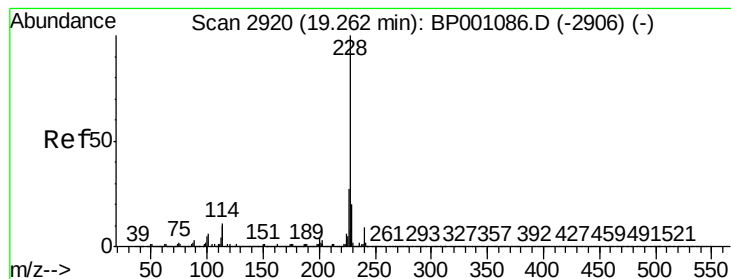


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.470 ng

RT: 19.23 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

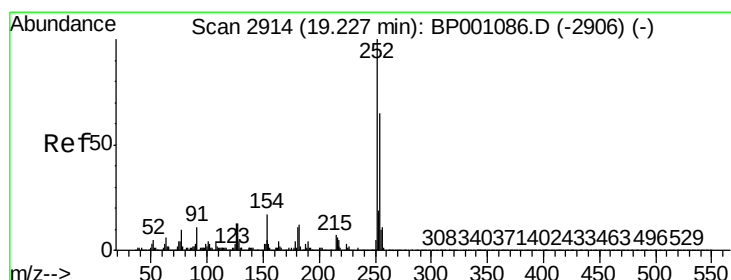
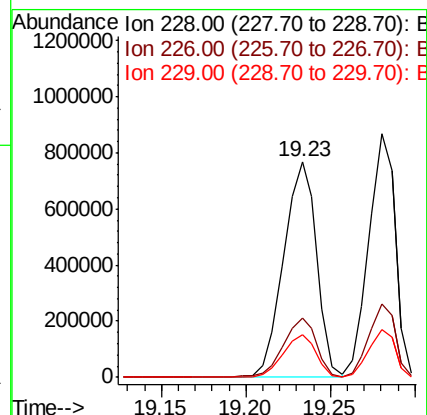
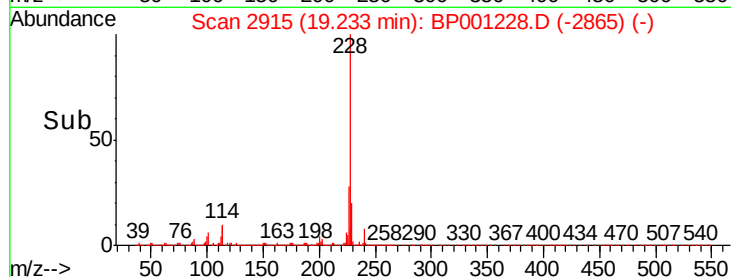
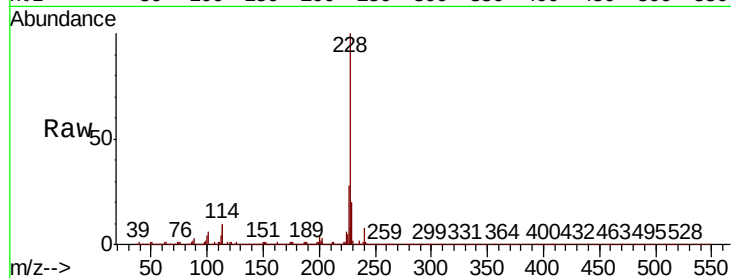
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1043092

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.9	15.8	23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.876 ng

RT: 19.20 min Scan# 2910

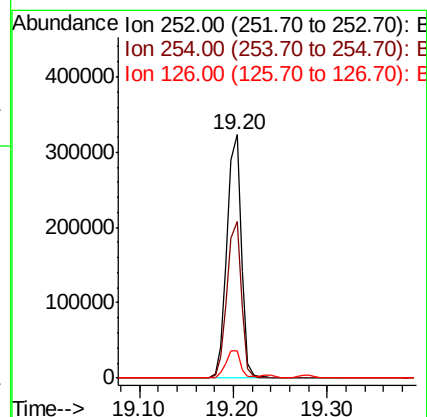
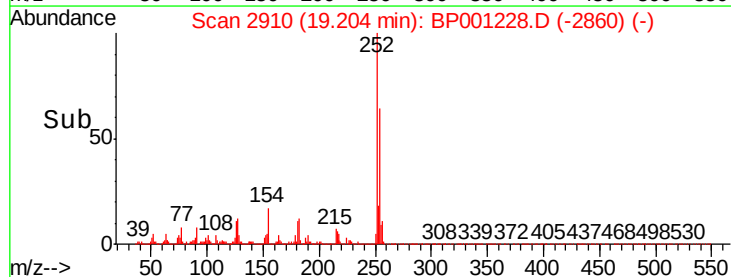
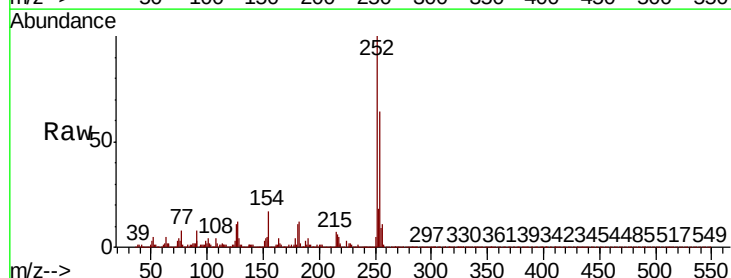
Delta R.T. -0.01 min

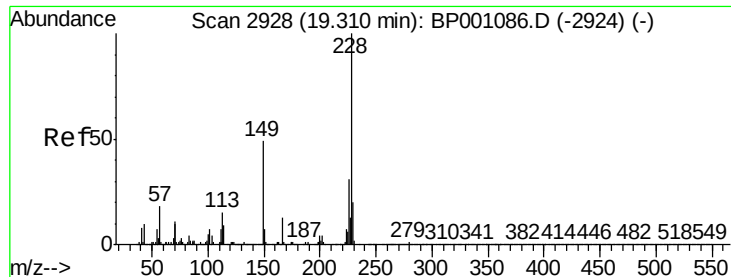
Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:252 Resp: 348544

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	11.1	9.4	14.2





#83

Chrysene

Concen: 36.075 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

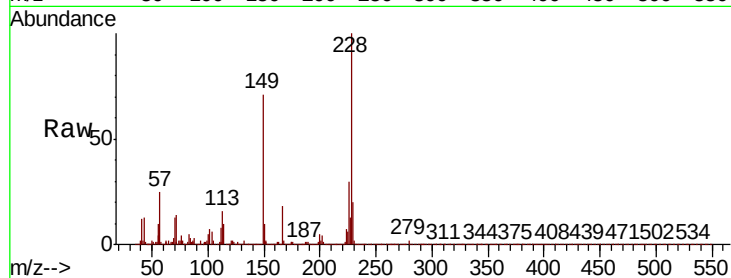
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 949991

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.7	15.2	22.8

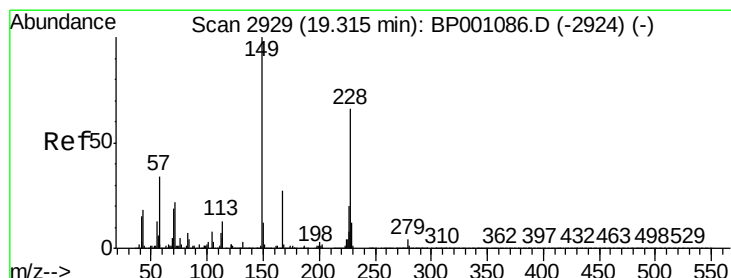
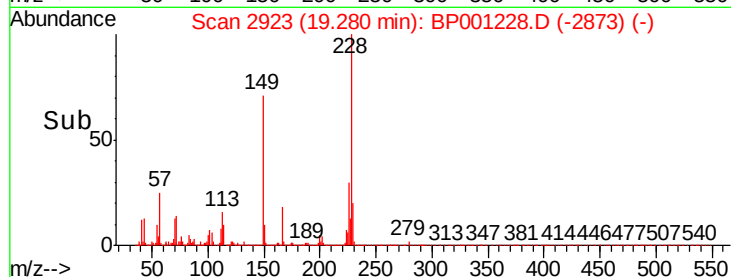
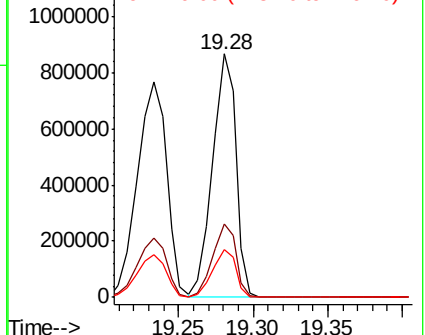


Abundance

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: 36.299 ng

RT: 19.29 min Scan# 2924

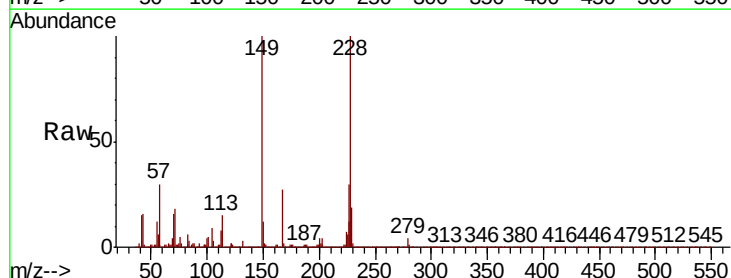
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:149 Resp: 770073

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.8	31.2
279	3.8	2.8	4.2

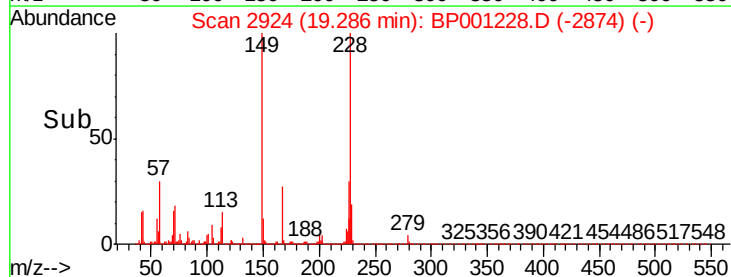
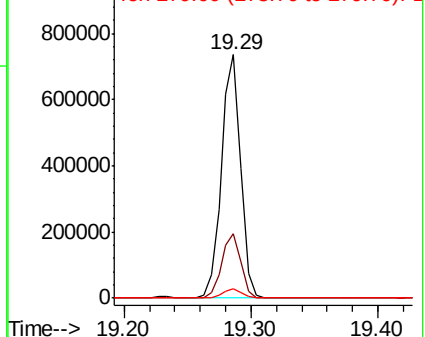


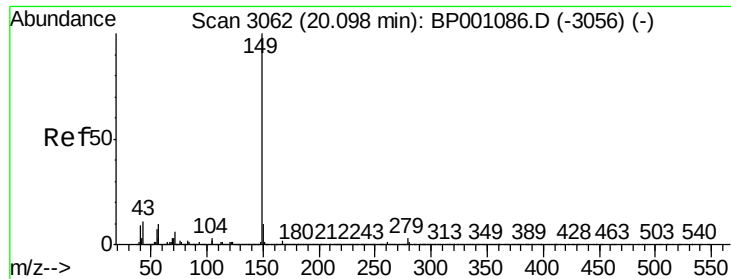
Abundance

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

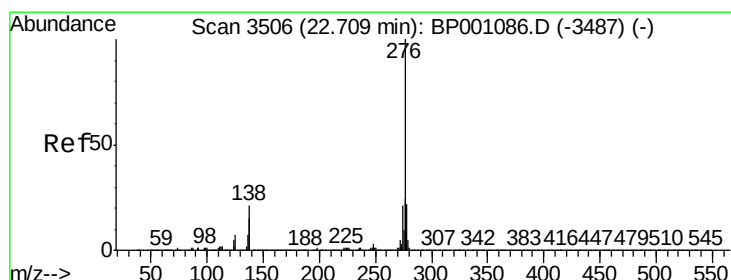
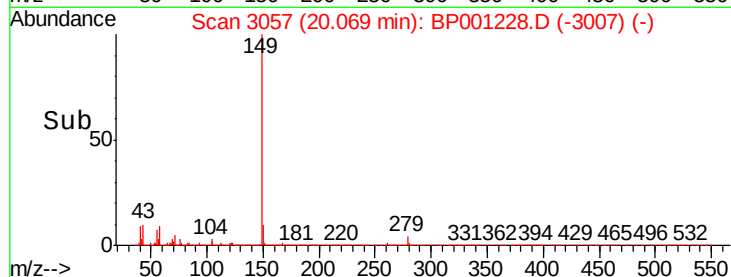
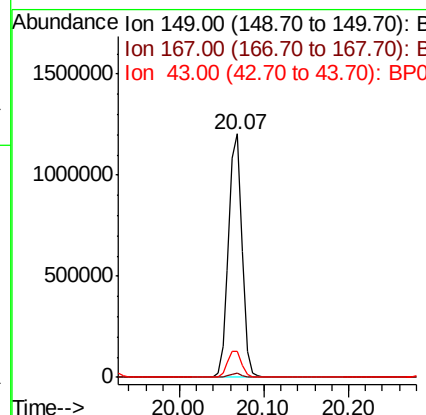
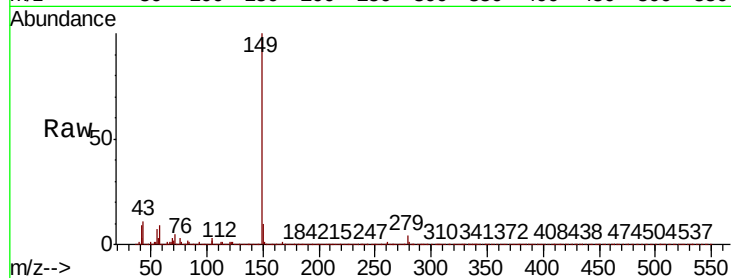




#85
Di-n-octyl phthalate
Concen: 35.470 ng
RT: 20.07 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

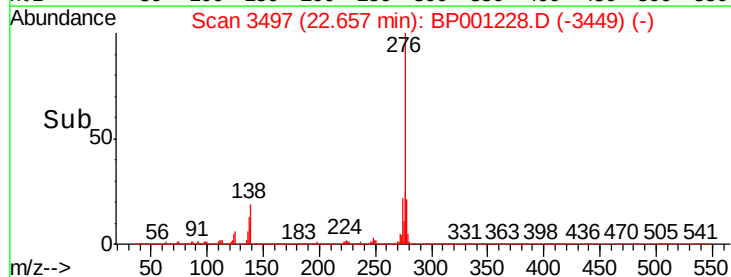
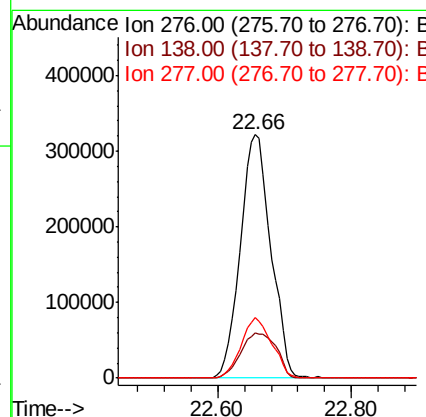
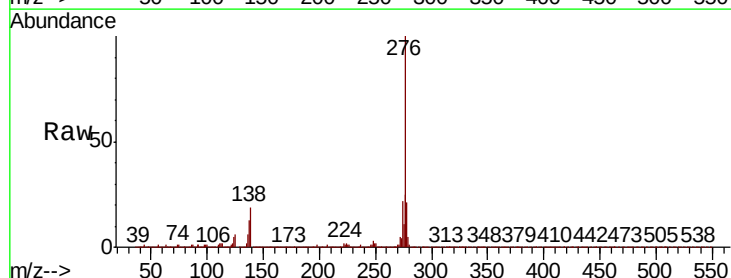
Instrument :
BNA_P
ClientSampleId :

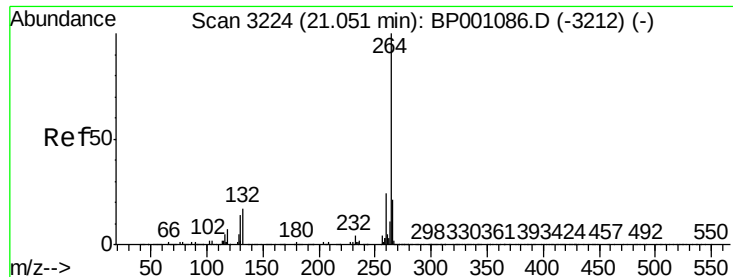
Tot Ion:149 Resp: 1336706
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 9.1 13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.769 ng
RT: 22.66 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:276 Resp: 1016991
Ion Ratio Lower Upper
276 100
138 21.5 17.9 26.9
277 25.0 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

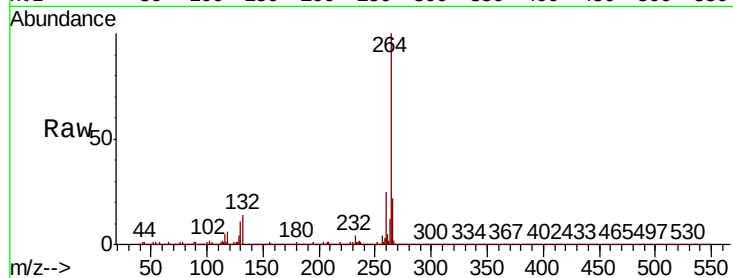
Tot Ion:264 Resp: 333426

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.2 17.1 25.7

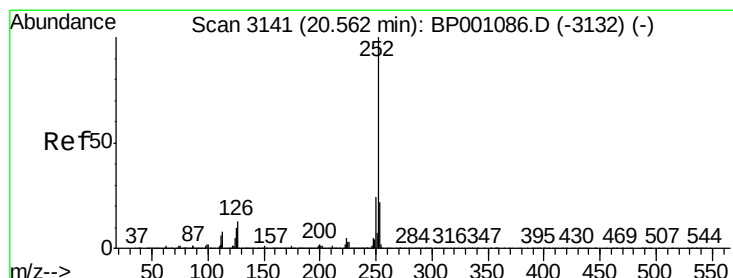
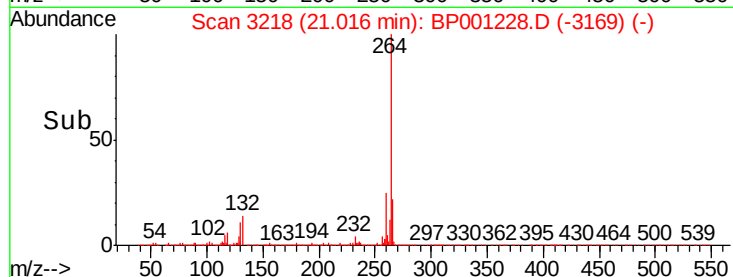
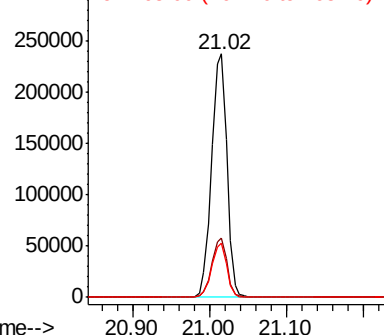


Abundance

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: 47.433 ng

RT: 20.53 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

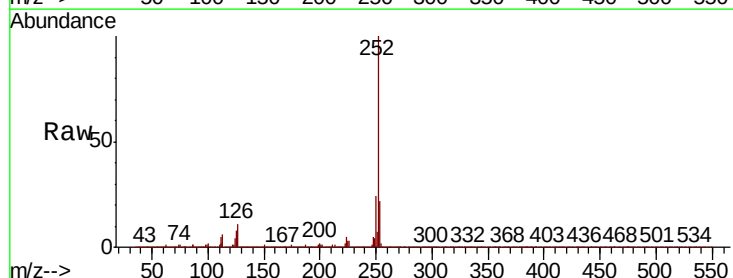
Tgt Ion:252 Resp: 965999

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 7.9 6.6 9.8

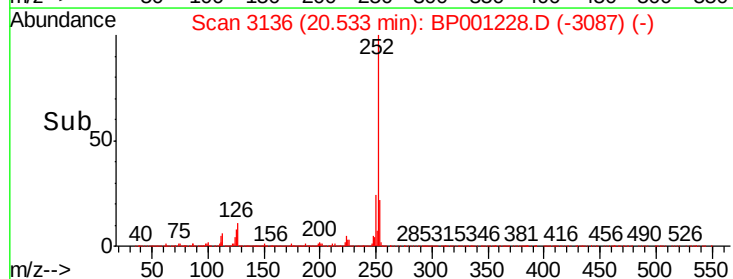
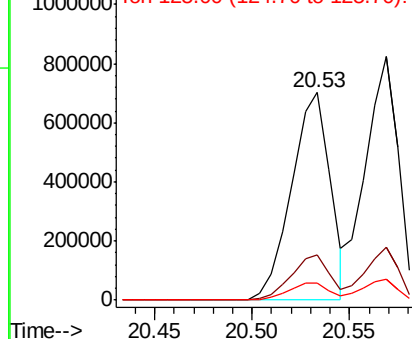


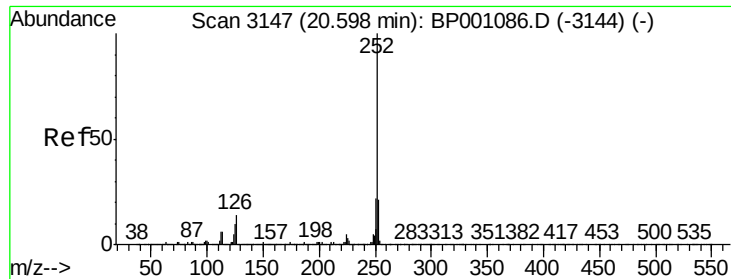
Abundance

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

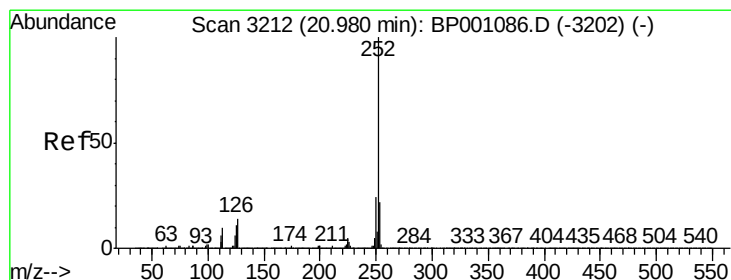
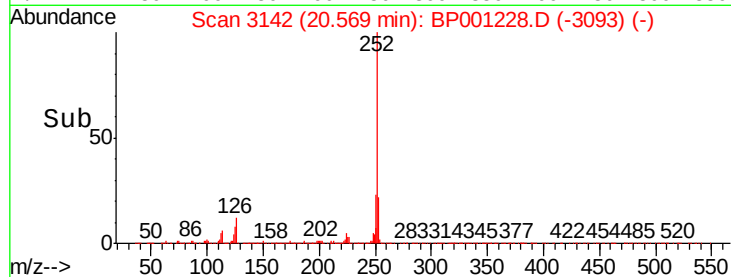
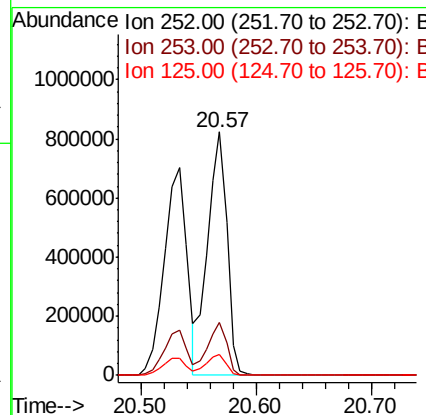
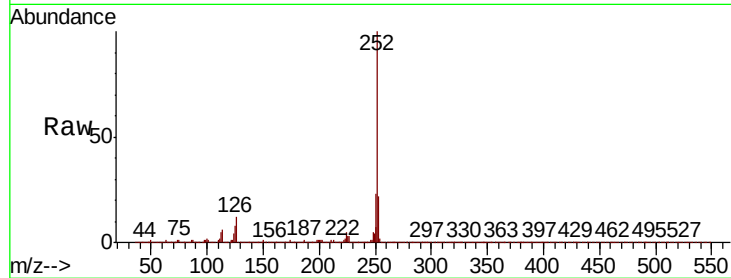




#89
Benzo(k)fluoranthene
Concen: 49.265 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

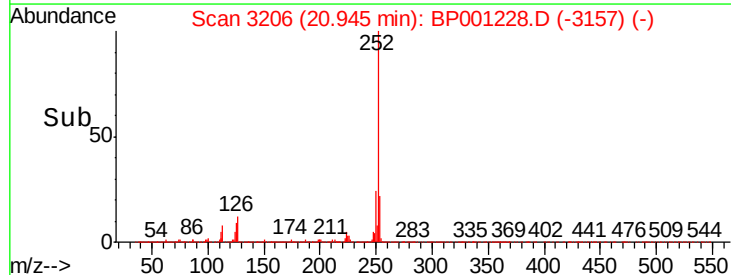
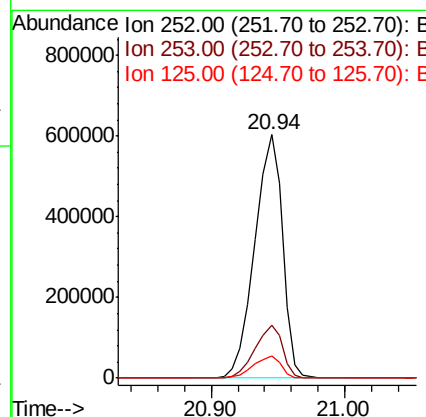
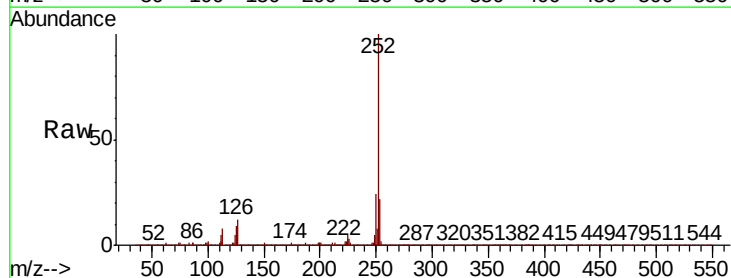
Instrument :
BNA_P
ClientSampleId :

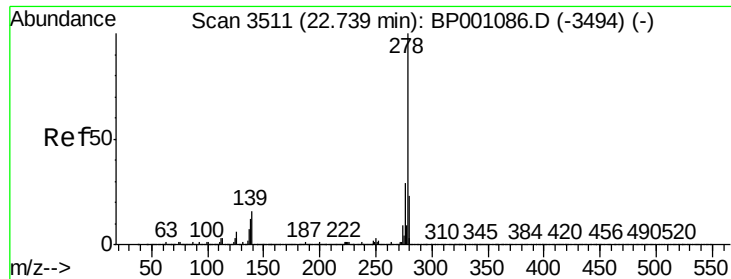
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.4	6.2	9.4



#90
Benzo(a)pyrene
Concen: 45.961 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	9.1	7.8	11.6

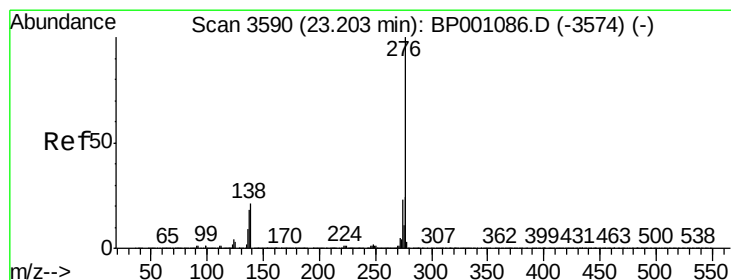
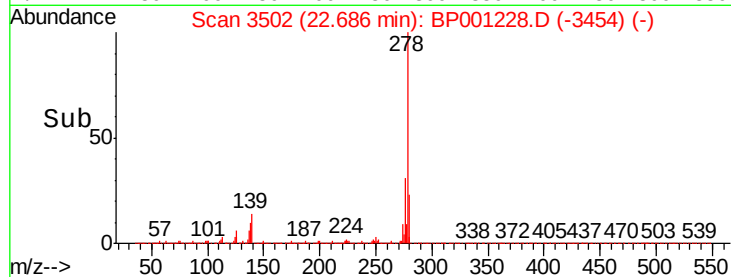
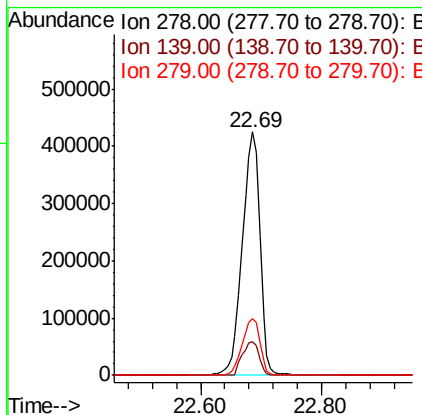
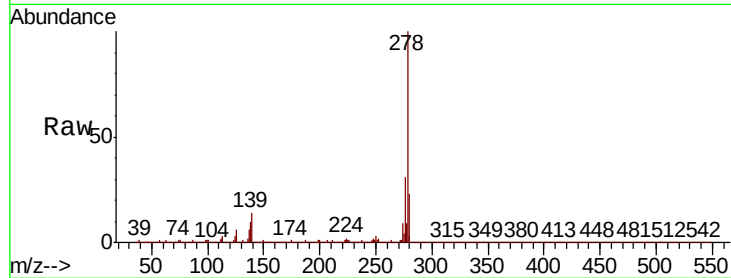




#91
Dibenzo(a,h)anthracene
Concen: 47.024 ng
RT: 22.69 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.6	17.4
279	23.5	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 46.794 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	18.0	15.6	23.4

