

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001135.D
 Acq On : 02 Dec 2019 19:43
 Operator : JU
 Sample : K5676-38MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 00:17:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	157702	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	568716	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	289929	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	516474	20.00	ng	0.00
76) Chrysene-d12	19.27	240	391263	20.00	ng	0.00
87) Perylene-d12	21.05	264	436554	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.26	112	1381885	145.38	ng	0.03
7) Phenol-d6	7.79	99	1895698	149.70	ng	0.02
23) Nitrobenzene-d5	9.22	82	1227004	93.60	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	385684	138.79	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1886391	95.23	ng	0.00
79) Terphenyl-d14	17.92	244	1965305	92.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	166593	37.522	ng	# 84
3) Pyridine	3.55	79	425176	34.511	ng	96
4) n-Nitrosodimethylamine	3.45	42	260199	48.806	ng	89
6) Aniline	7.81	93	275629	16.416	ng	# 1
8) 2-Chlorophenol	8.00	128	469274	47.717	ng	98
9) Benzaldehyde	7.63	77	184745	21.744	ng	99
10) Phenol	7.81	94	647093	44.923	ng	94
11) bis(2-Chloroethyl)ether	7.94	93	510121	45.479	ng	97
12) 1,3-Dichlorobenzene	8.24	146	499545	42.855	ng	99
13) 1,4-Dichlorobenzene	8.36	146	510212	43.450	ng	98
14) 1,2-Dichlorobenzene	8.59	146	473471	42.843	ng	99
15) Benzyl Alcohol	8.56	79	499381	48.040	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	788277	43.712	ng	99
17) 2-Methylphenol	8.76	107	423001	46.889	ng	98
18) Hexachloroethane	9.13	117	203874	41.970	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	409072	44.767	ng	99
20) 3+4-Methylphenols	9.00	107	530587	46.658	ng	94
22) Acetophenone	8.98	105	769491	46.035	ng	# 98
24) Nitrobenzene	9.25	77	615376	47.211	ng	99
25) Isophorone	9.64	82	1099256	46.765	ng	99
26) 2-Nitrophenol	9.76	139	224309	46.981	ng	97
27) 2,4-Dimethylphenol	9.85	122	418904	55.391	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	657446	44.579	ng	98
29) 2,4-Dichlorophenol	10.15	162	401198	46.610	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	437376	43.505	ng	100
31) Naphthalene	10.40	128	1363023	46.927	ng	100
32) Benzoic acid	10.00	122	84945	15.537	ng	99
33) 4-Chloroaniline	10.49	127	109492	8.687	ng	99
34) Hexachlorobutadiene	10.62	225	274239	43.363	ng	99
35) Caprolactam	11.07	113	101848	34.332	ng	99
36) 4-Chloro-3-methylphenol	11.31	107	464298	45.496	ng	99
37) 2-Methylnaphthalene	11.53	142	892089	45.011	ng	98
38) 1-Methylnaphthalene	11.69	142	825625	44.098	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	420808	46.056	ng	99

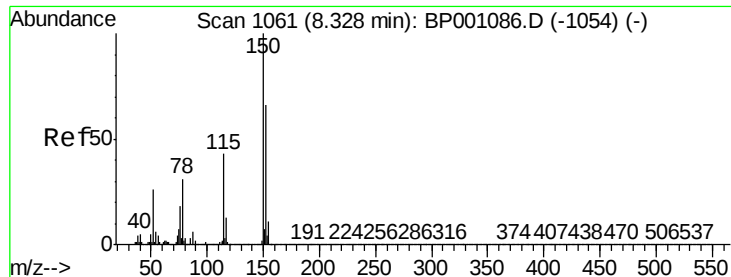
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
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 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	266796	63.295	ng	100
43) 2,4,6-Trichlorophenol	12.00	196	281698	47.219	ng	98
44) 2,4,5-Trichlorophenol	12.06	196	294560	47.654	ng	96
46) 1,1'-Biphenyl	12.30	154	1052974	46.994	ng	99
47) 2-Chloronaphthalene	12.32	162	813872	45.473	ng	99
48) 2-Nitroaniline	12.49	65	316506	45.121	ng	99
49) Acenaphthylene	13.00	152	1279312	47.685	ng	99
50) Dimethylphthalate	12.83	163	991101	45.707	ng	99
51) 2,6-Dinitrotoluene	12.90	165	209704	45.178	ng	89
52) Acenaphthene	13.29	154	739682	45.835	ng	99
53) 3-Nitroaniline	13.16	138	92730	17.784	ng	99
54) 2,4-Dinitrophenol	13.34	184	35939	24.380	ng	94
55) Dibenzofuran	13.57	168	1116393	46.036	ng	99
56) 4-Nitrophenol	13.47	139	326051	88.245	ng	93
57) 2,4-Dinitrotoluene	13.56	165	262838	45.175	ng	# 87
58) Fluorene	14.13	166	878815	45.225	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.71	232	219889	43.276	ng	94
60) Diethylphthalate	14.00	149	983683	43.812	ng	99
61) 4-Chlorophenyl-phenylether	14.15	204	431370	43.594	ng	97
62) 4-Nitroaniline	12.49	138	266314	44.053	ng	96
63) Azobenzene	14.41	77	1078356	44.433	ng	97
65) 4,6-Dinitro-2-methylphenol	14.23	198	36472	20.589	ng	97
66) n-Nitrosodiphenylamine	14.35	169	758241	48.318	ng	99
67) 4-Bromophenyl-phenylether	14.95	248	252779	45.081	ng	97
68) Hexachlorobenzene	15.03	284	269746	43.758	ng	98
69) Atrazine	15.24	200	236264	49.309	ng	99
70) Pentachlorophenol	15.34	266	275684	85.806	ng	98
71) Phenanthrene	15.67	178	1253047	46.148	ng	99
72) Anthracene	15.74	178	1271576	47.513	ng	100
73) Carbazole	15.99	167	1172692	48.154	ng	99
74) Di-n-butylphthalate	16.54	149	1484923	45.350	ng	99
75) Fluoranthene	17.37	202	1357702	47.232	ng	98
77) Benzidine	17.57	184	1035917	102.545	ng	97
78) Pyrene	17.68	202	1369921	44.454	ng	100
80) Butylbenzylphthalate	18.57	149	639156	44.904	ng	97
81) Benzo(a)anthracene	19.26	228	1227925	45.265	ng	100
82) 3,3'-Dichlorobenzidine	19.23	252	297077	33.149	ng	100
83) Chrysene	19.31	228	1112487	45.796	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	845538	43.206	ng	100
85) Di-n-octyl phthalate	20.10	149	1525487	43.882	ng	99
86) Indeno(1,2,3-cd)pyrene	22.71	276	1314220	45.906	ng	100
88) Benzo(b)fluoranthene	20.57	252	1187854	44.548	ng	99
89) Benzo(k)fluoranthene	20.60	252	1150948	44.815	ng	99
90) Benzo(a)pyrene	20.98	252	1154992	47.026	ng	99
91) Dibenzo(a,h)anthracene	22.74	278	1096703	45.628	ng	99
92) Benzo(g,h,i)perylene	23.21	276	1090362	45.941	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampled :

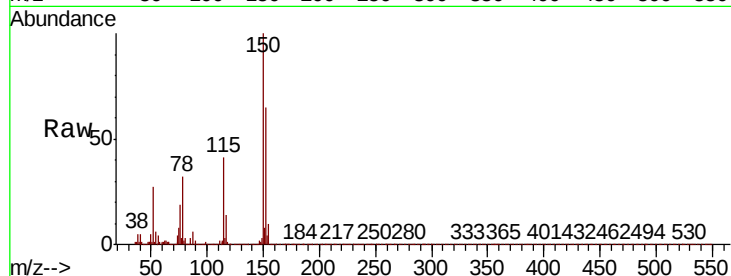
Tot Ion:152 Resp: 157702

Ion Ratio Lower Upper

152 100

150 154.4 120.6 181.0

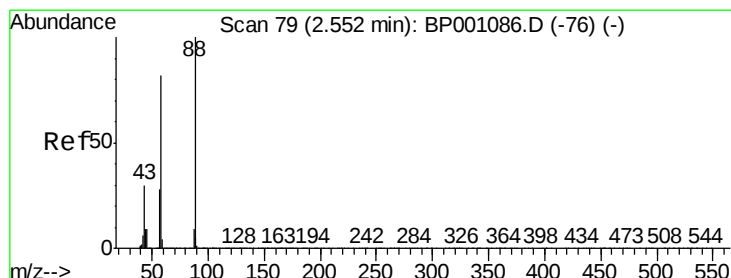
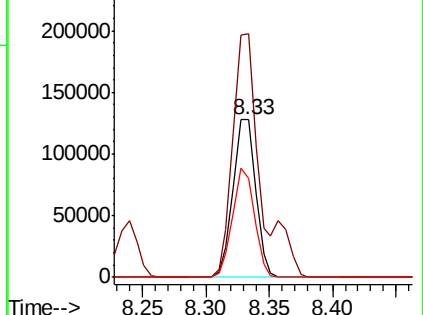
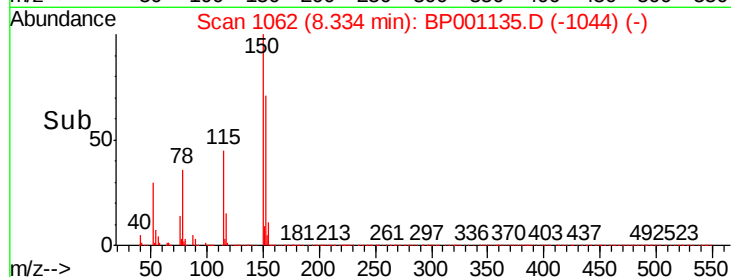
115 63.2 51.6 77.4



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: 37.522 ng

RT: 2.73 min Scan# 109

Delta R.T. 0.18 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

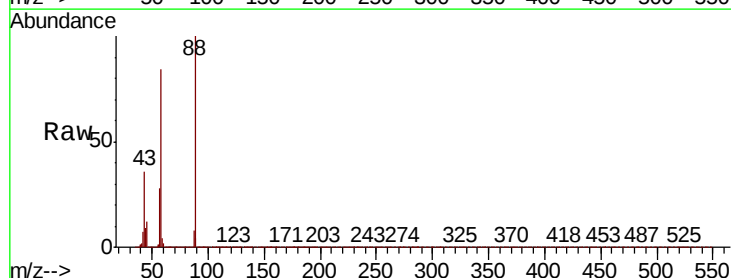
Tgt Ion: 88 Resp: 166593

Ion Ratio Lower Upper

88 100

58 81.3 64.3 96.5

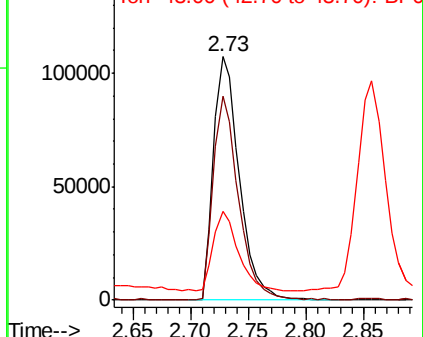
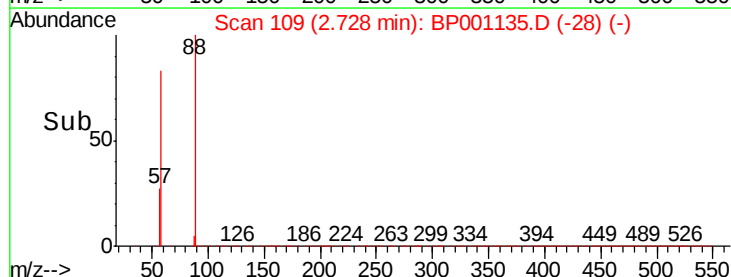
43 0.0 23.8 35.6#

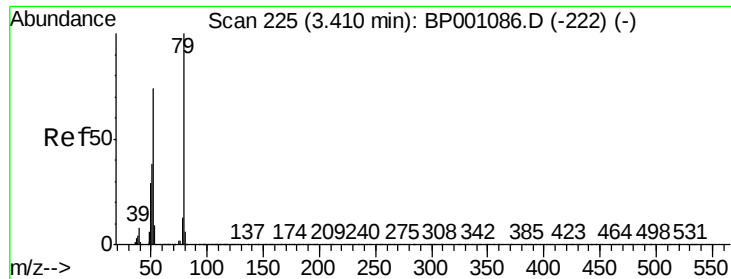


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

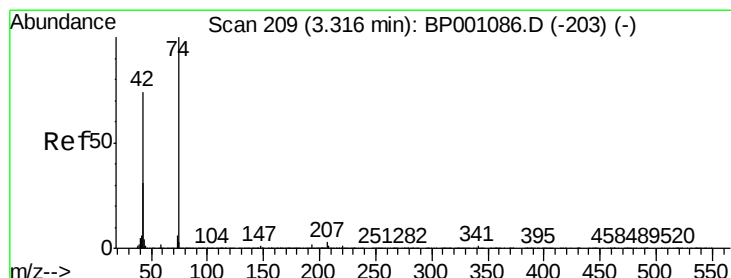
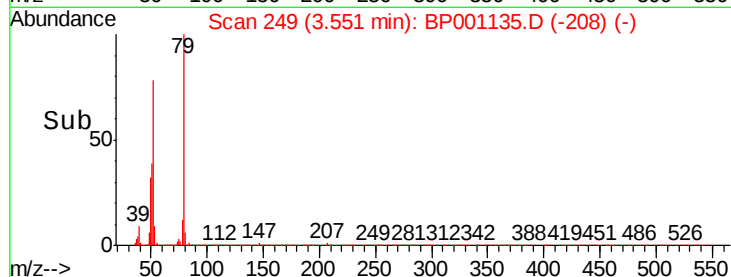
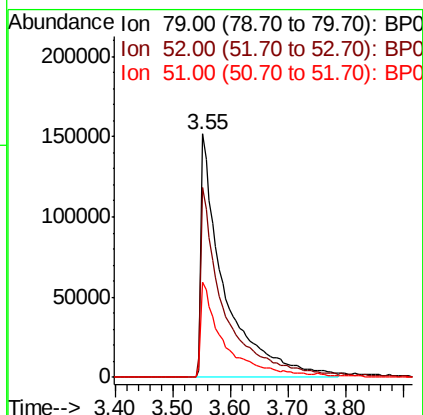
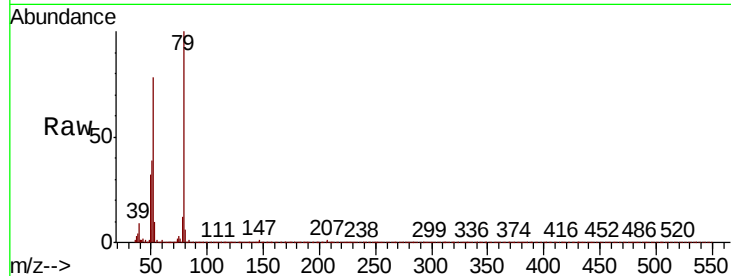




#3
 Pvridine
 Concen: 34.511 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.14 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

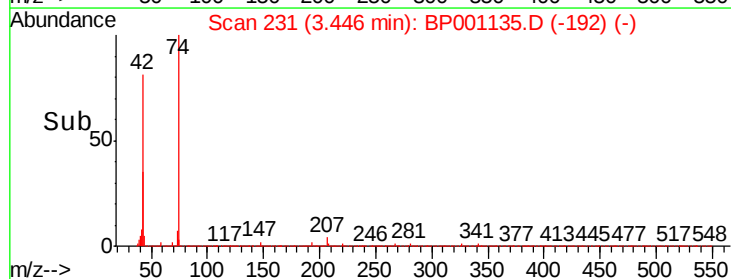
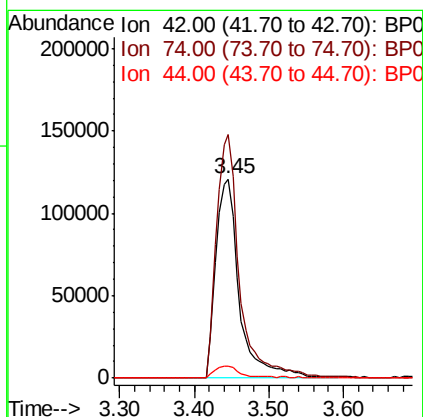
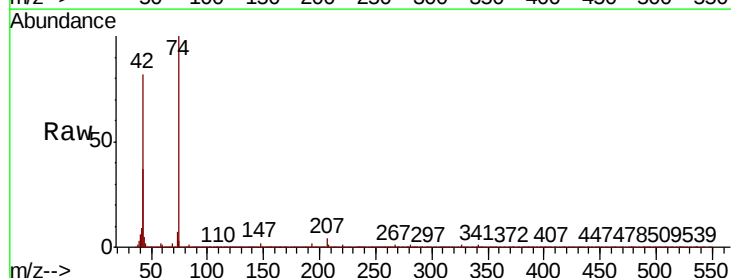
Instrument :
 BNA_P
 ClientSampleId :

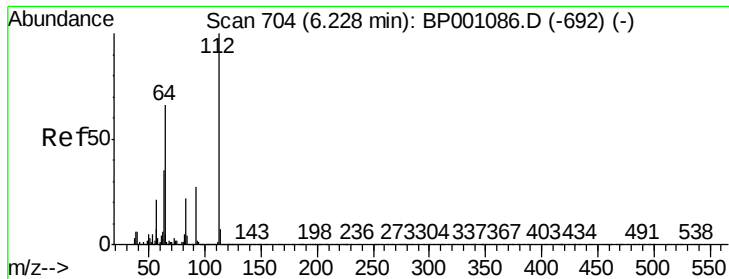
Tot Ion	Ratio	Lower	Upper
79	100		
52	78.1	59.4	89.2
51	39.0	30.2	45.4



#4
 n-Nitrosodimethylamine
 Concen: 48.806 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.13 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.3	108.6	163.0
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 145.379 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.03 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

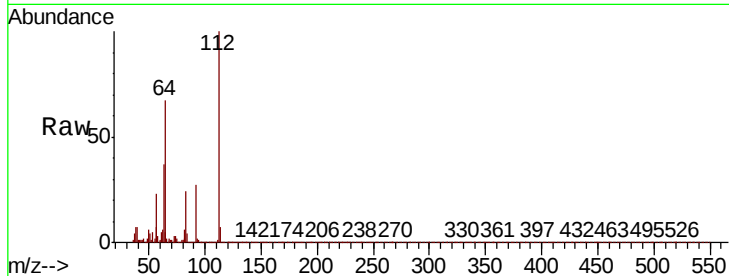
Tot Ion:112 Resp: 1381885

Ion Ratio Lower Upper

112 100

64 66.9 52.8 79.2

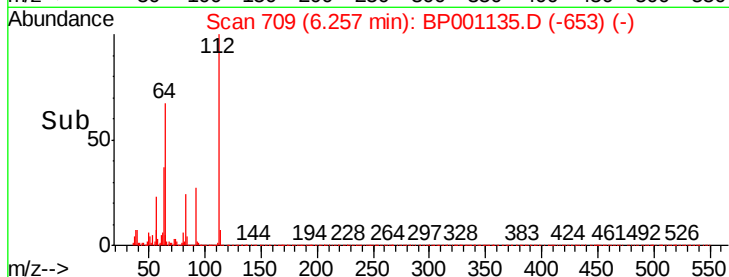
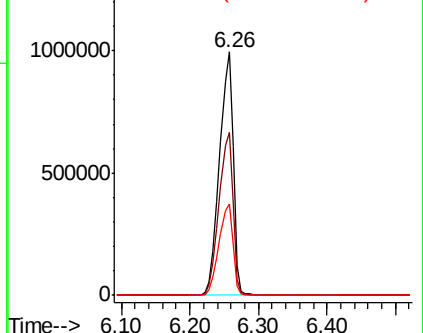
63 37.3 28.2 42.2



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: 16.416 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

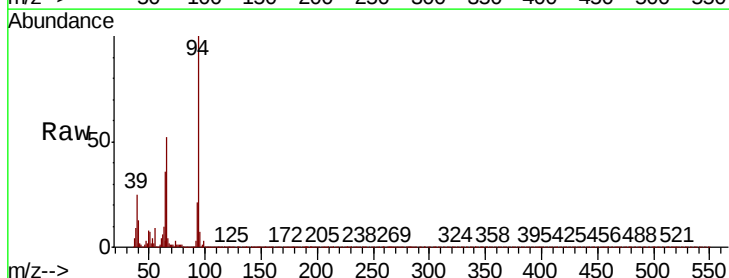
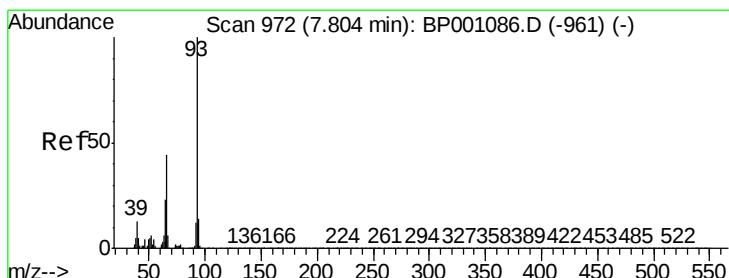
Tgt Ion: 93 Resp: 275629

Ion Ratio Lower Upper

93 100

66 251.5 34.9 52.3#

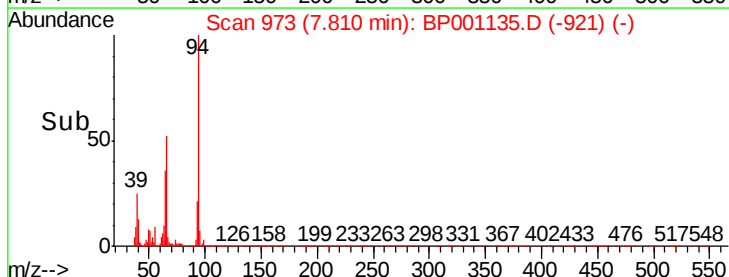
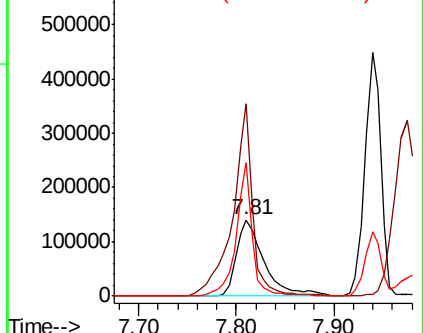
65 174.6 18.5 27.7#

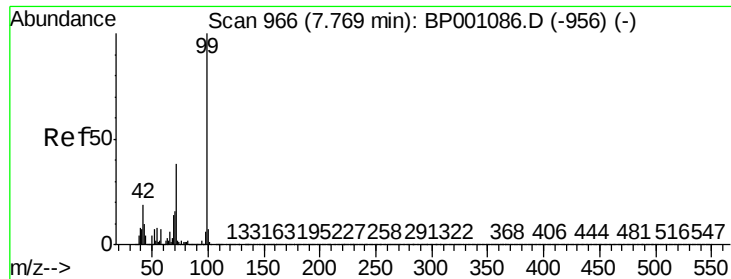


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 149.698 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.02 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

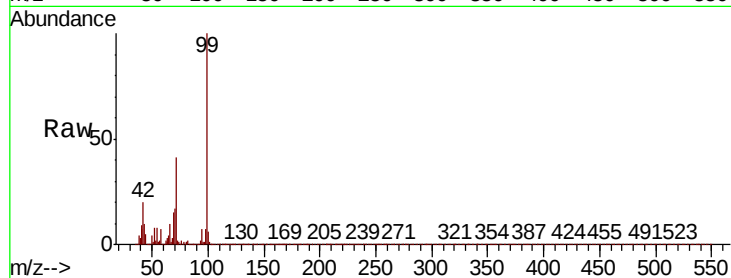
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1895698

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.4	23.0
71	40.8	30.8	46.2

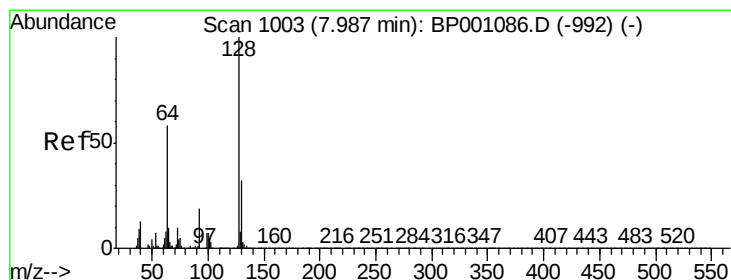
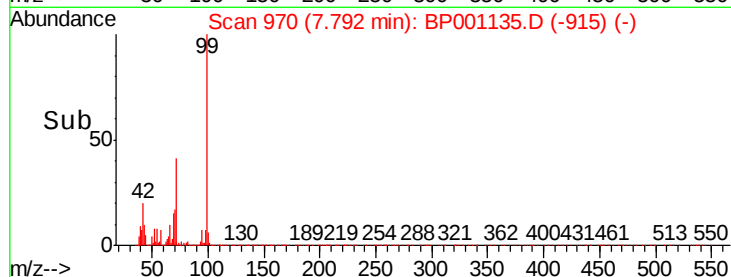
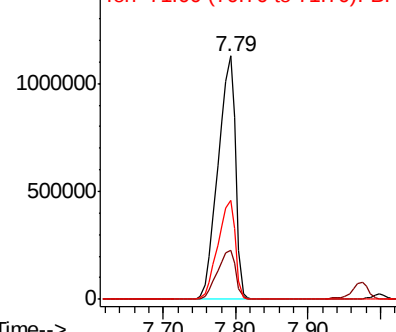


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.717 ng

RT: 8.00 min Scan# 1005

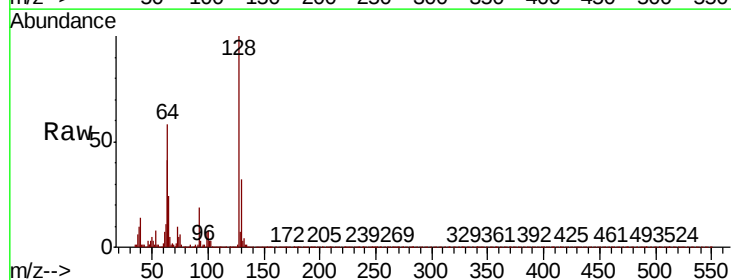
Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion: 128 Resp: 469274

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	58.1	39.7	79.7

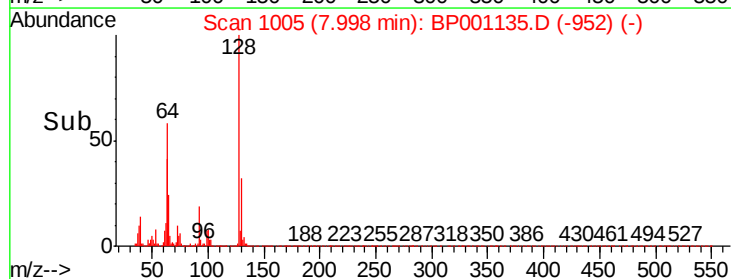
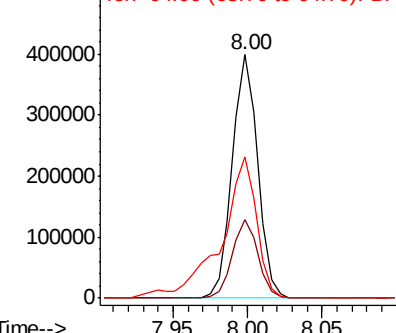


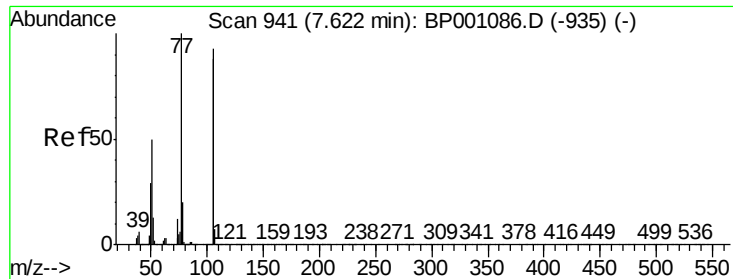
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 21.744 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

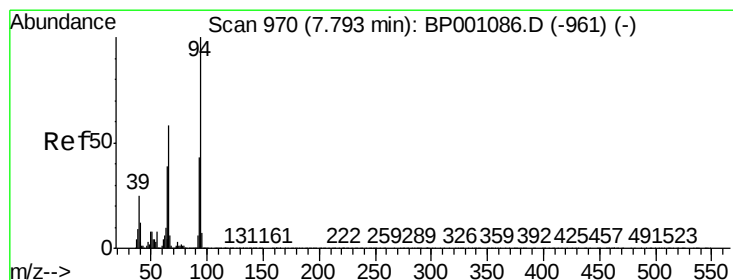
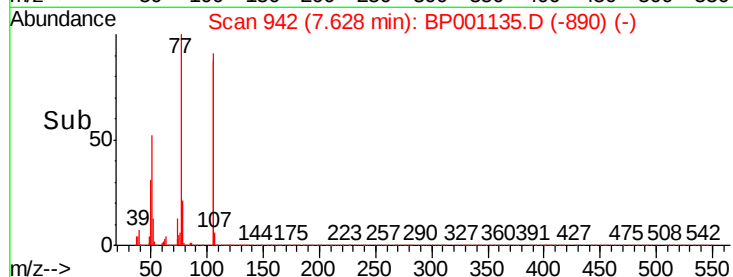
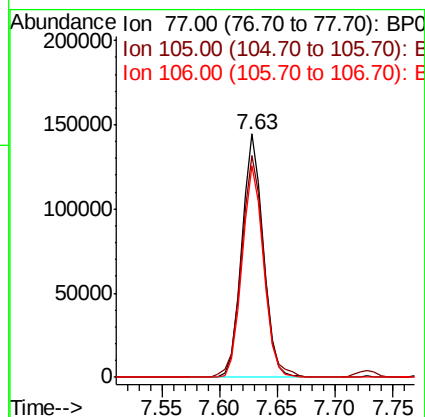
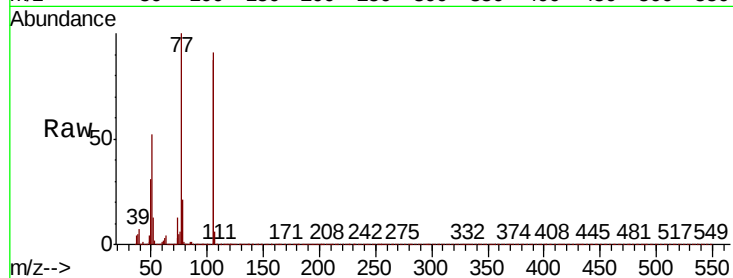
Tot Ion: 77 Resp: 184745

Ion Ratio Lower Upper

77 100

105 91.0 72.5 112.5

106 87.0 67.6 107.6



#10

Phenol

Concen: 44.923 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

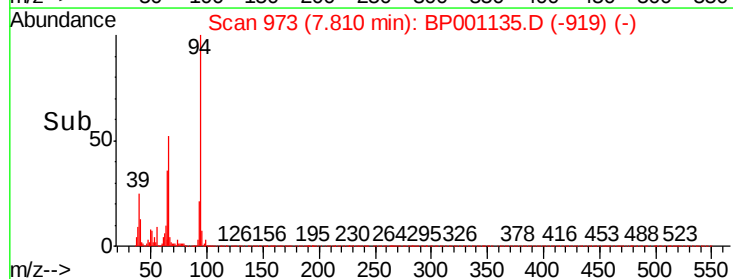
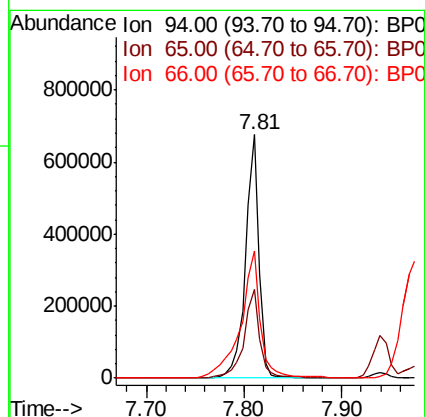
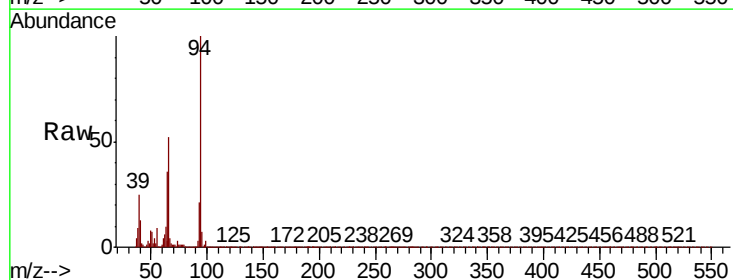
Tgt Ion: 94 Resp: 647093

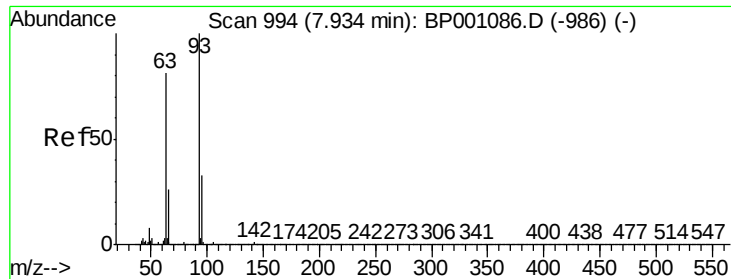
Ion Ratio Lower Upper

94 100

65 36.3 18.6 58.6

66 52.3 37.6 77.6

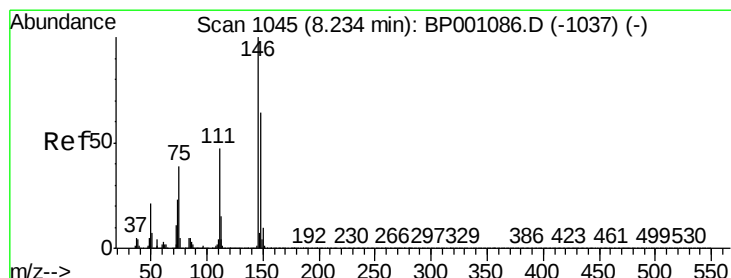
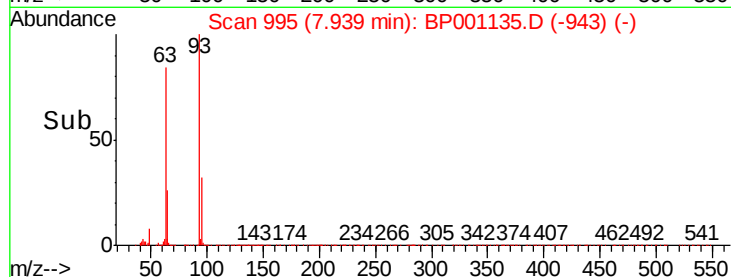
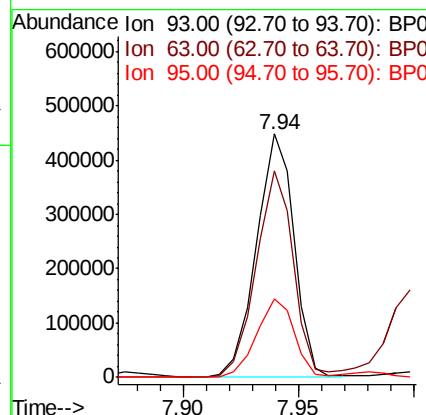
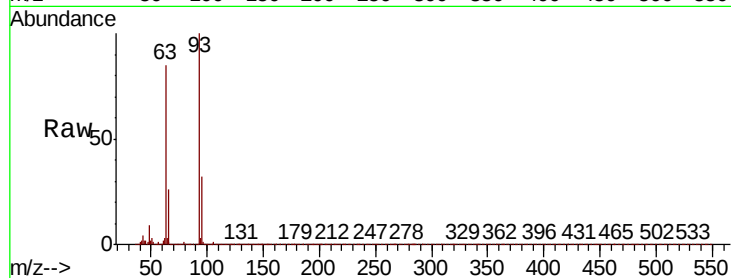




#11
bis(2-Chloroethyl)ether
Concen: 45.479 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

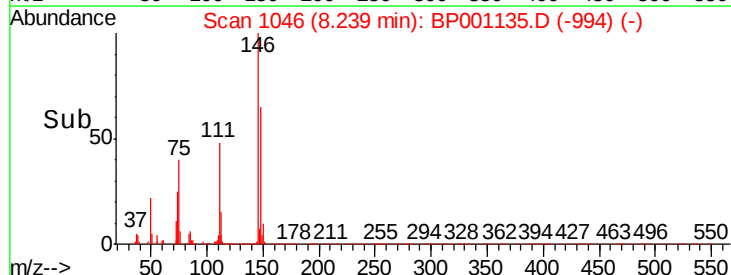
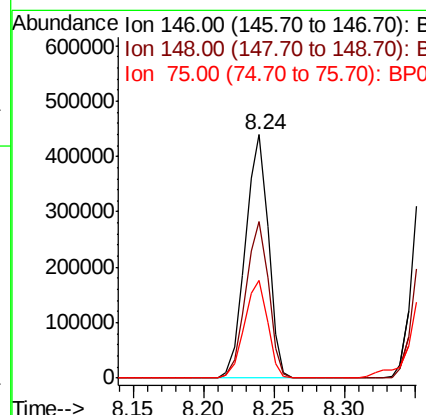
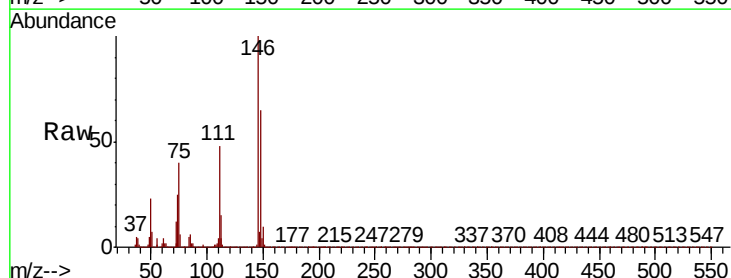
Instrument :
BNA_P
ClientSampleId :

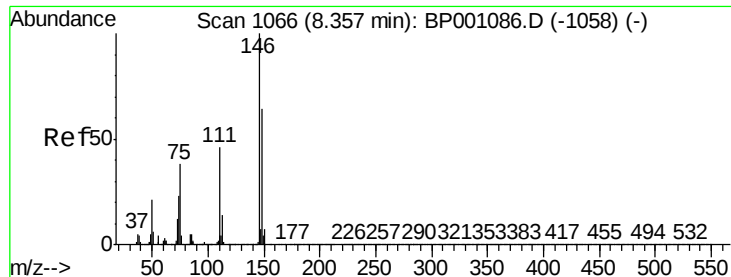
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	60.7	100.7
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.855 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	40.2	31.3	46.9

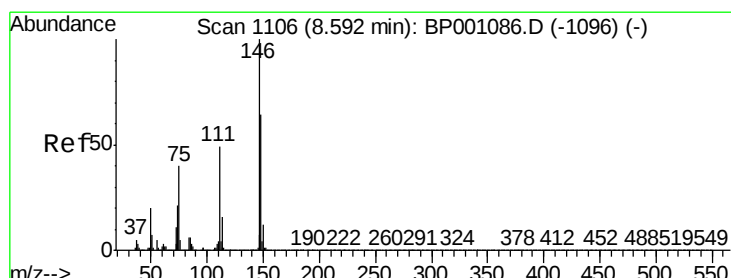
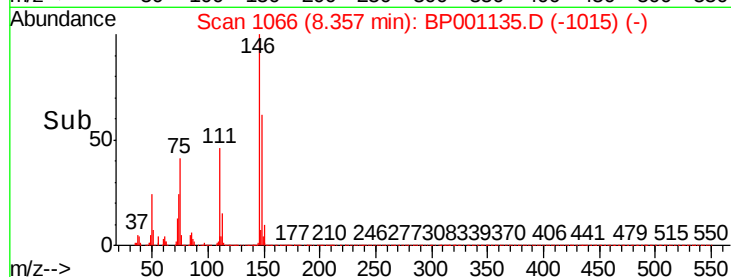
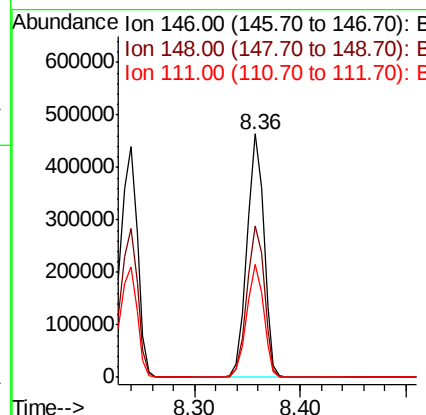
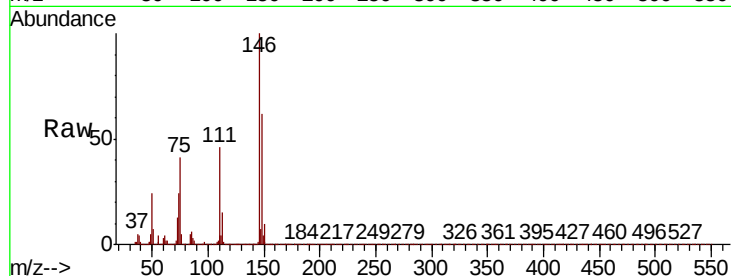




#13
 1,4-Dichlorobenzene
 Concen: 43.450 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

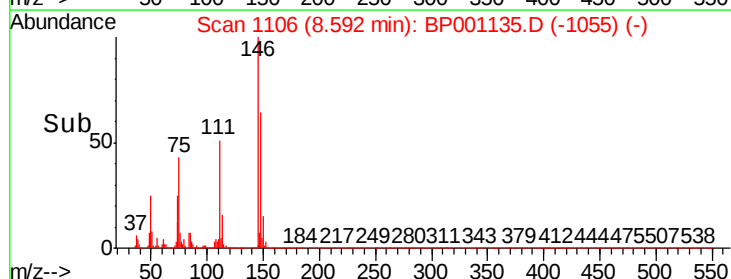
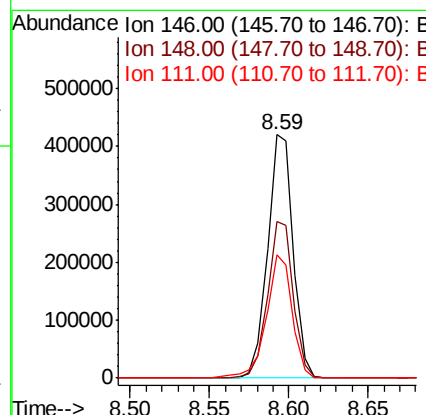
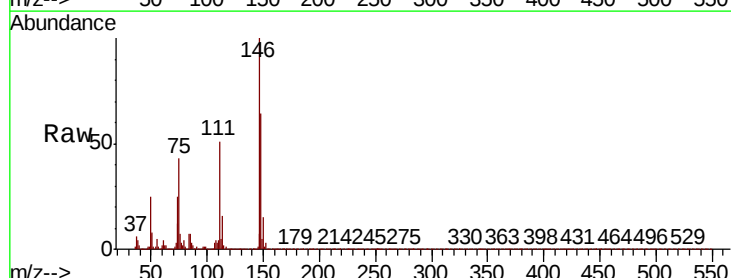
Instrument :
 BNA_P
 ClientSampleId :

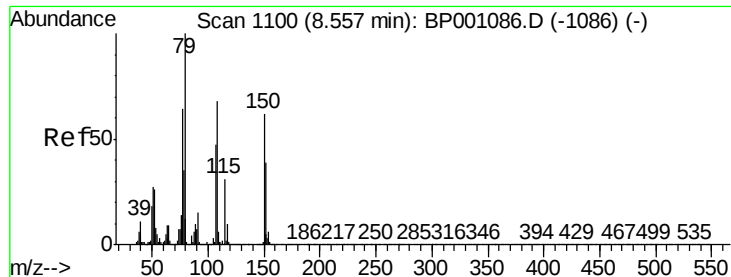
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	46.4	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.843 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	50.6	39.3	58.9

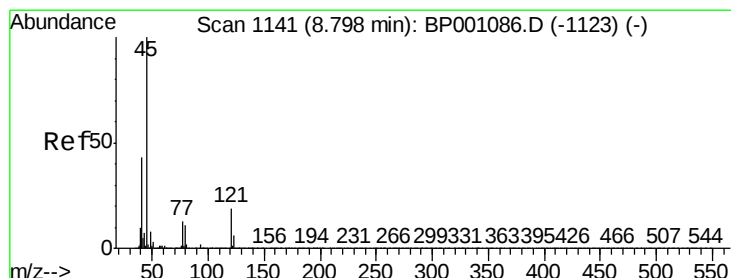
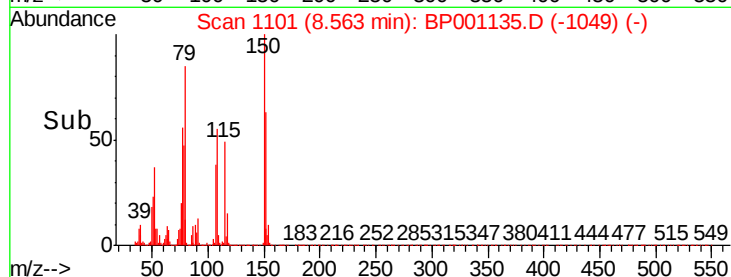
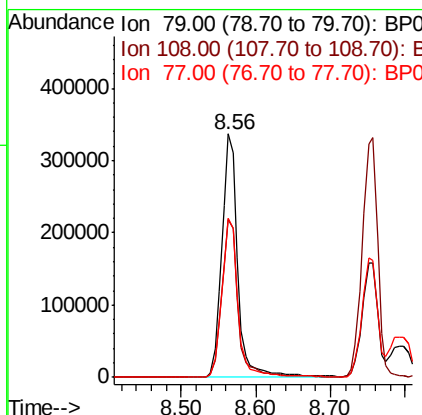
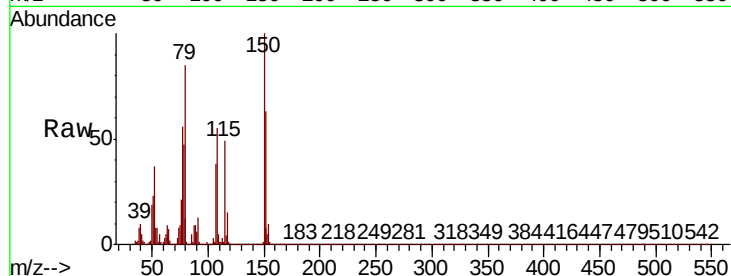




#15
Benzyl Alcohol
Concen: 48.040 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

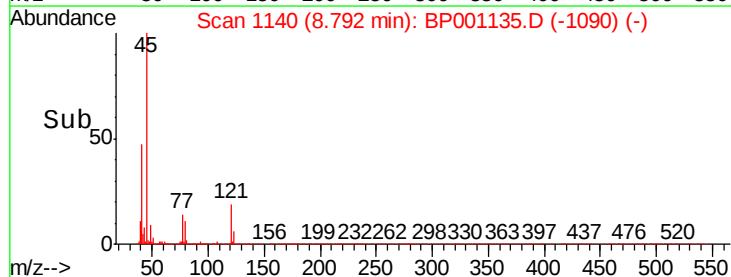
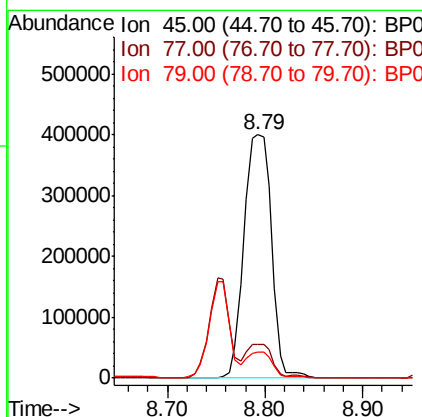
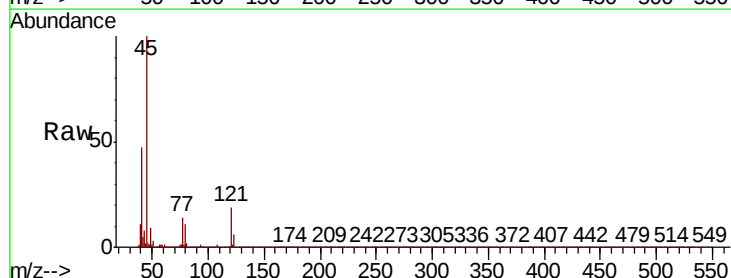
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	54.8	82.2
77	65.5	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.712 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.3
79	10.8	0.0	30.9

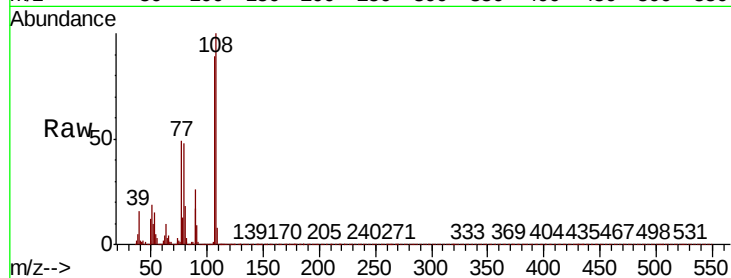




#17
2-Methylphenol
Concen: 46.889 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Instrument :
BNA_P
ClientSampled :

Tot Ion:	107	Resp:	423001
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.8	134.6
77	54.9	41.4	62.2
79	53.7	40.6	61.0



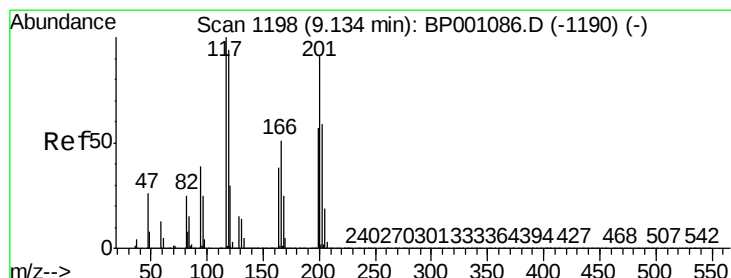
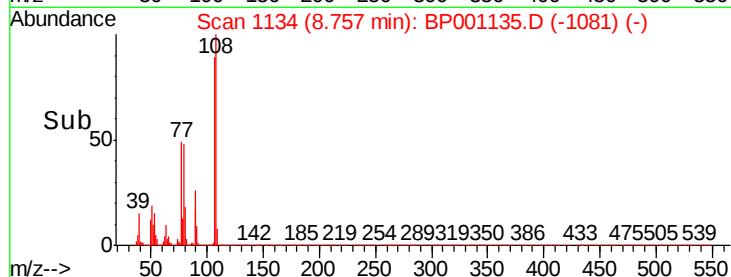
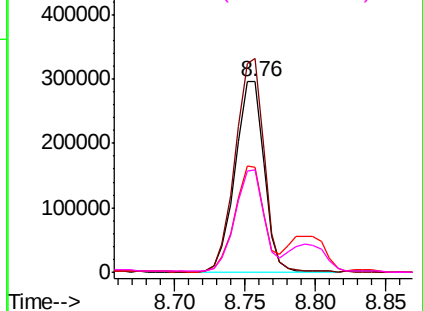
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

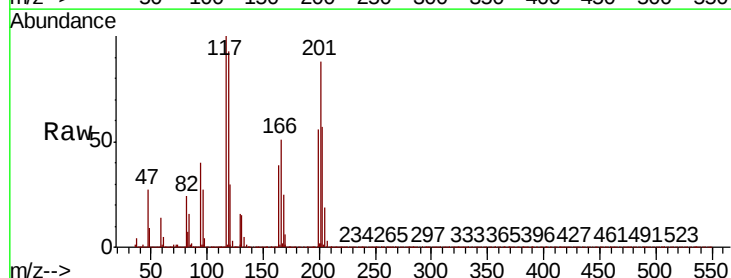
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 41.970 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:	117	Resp:	203874
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.2	112.8
201	88.4	72.5	108.7

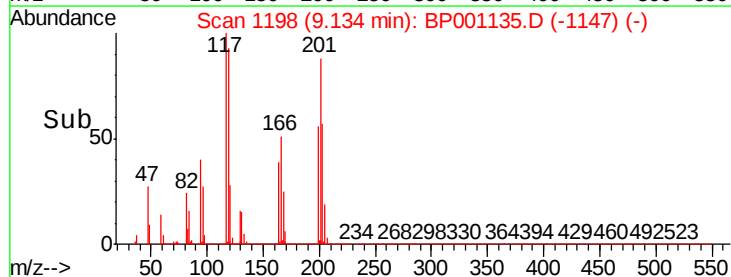
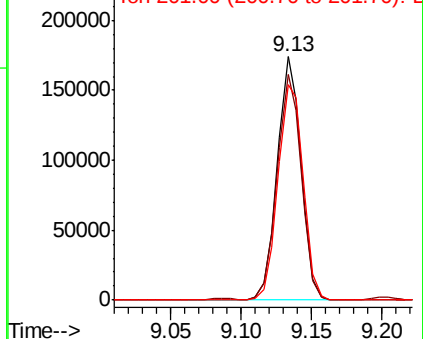


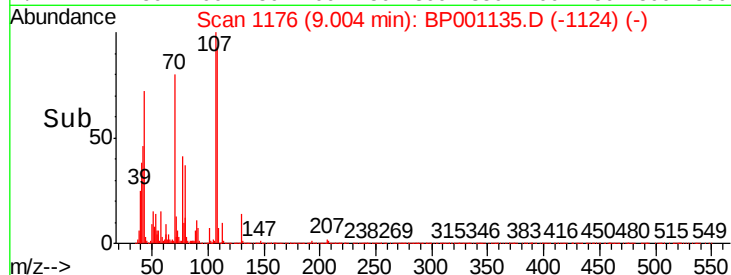
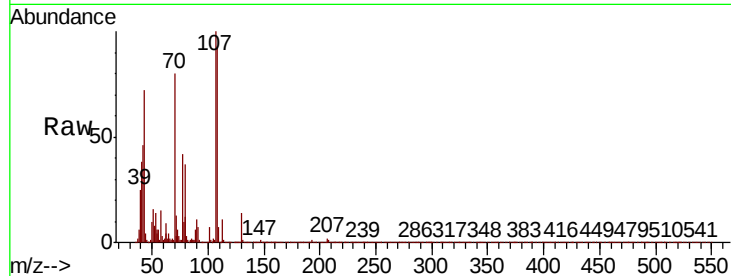
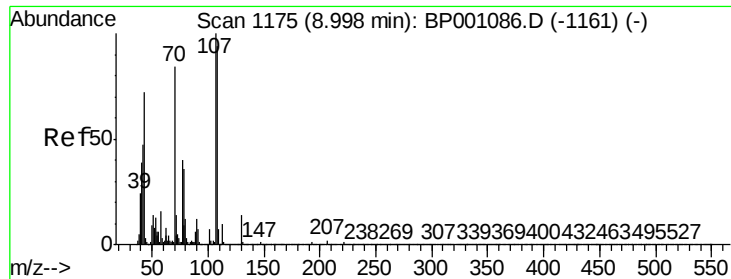
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.767 ng

RT: 9.00 min Scan# 1176

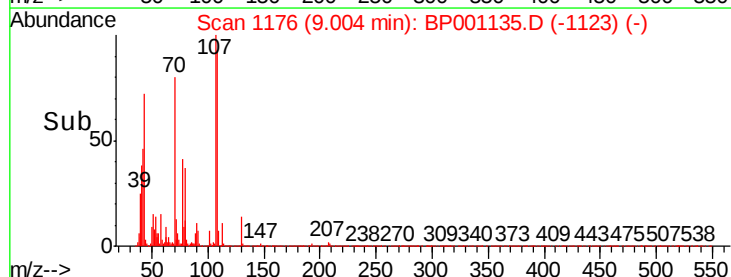
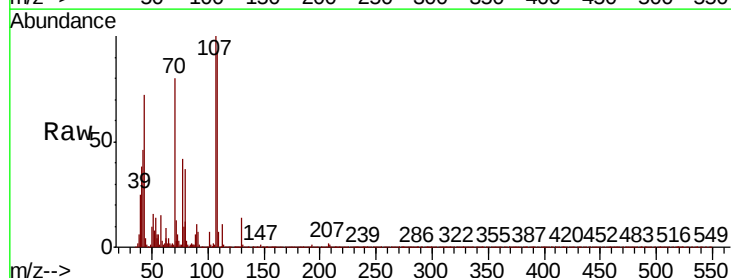
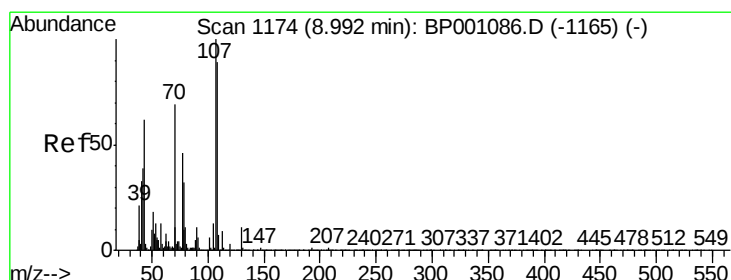
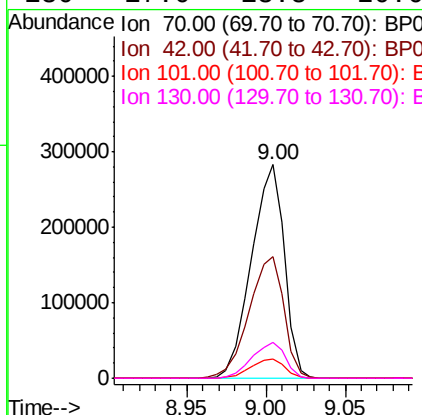
Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	409072
Ion Ratio	Lower	Upper	
70	100		
42	56.9	44.6	66.8
101	8.9	7.1	10.7
130	17.0	13.8	20.6



#20

3+4-Methylphenols

Concen: 46.658 ng

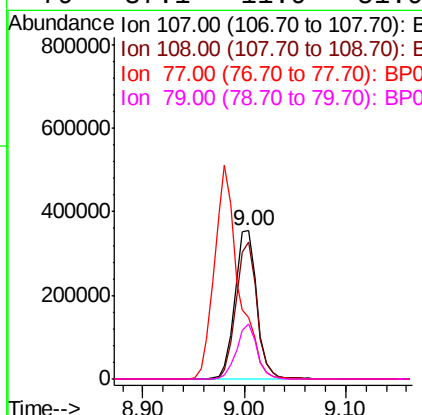
RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:	107	Resp:	530587
Ion Ratio	Lower	Upper	
107	100		
108	92.9	68.9	108.9
77	41.6	25.9	65.9
79	37.1	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BP001135.D

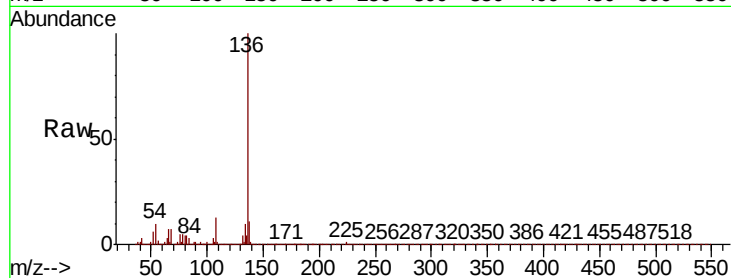
Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp:	568716
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	10.4	7.9 11.9
68	6.9	5.6 8.4



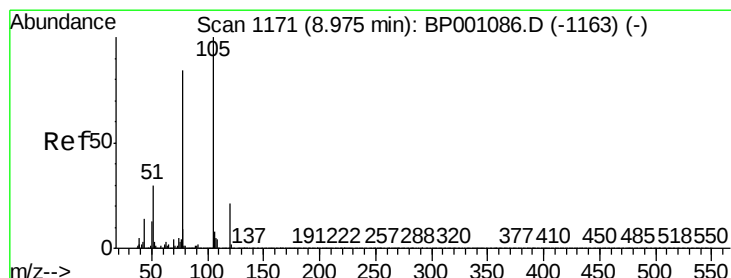
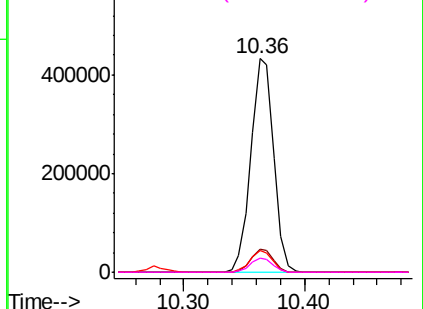
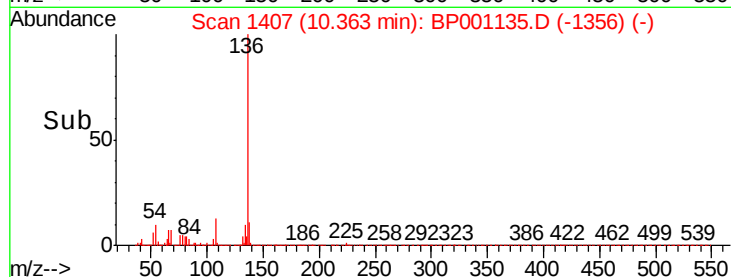
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 46.035 ng

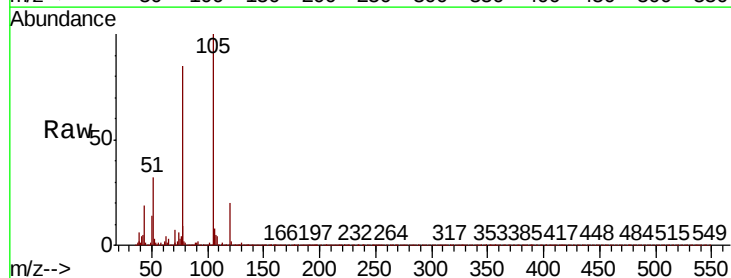
RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:105	Resp:	769491
Ion Ratio	Lower	Upper
105	100	
71	1.1	0.5 0.7#
51	31.8	24.2 36.4
120	20.5	16.4 24.6



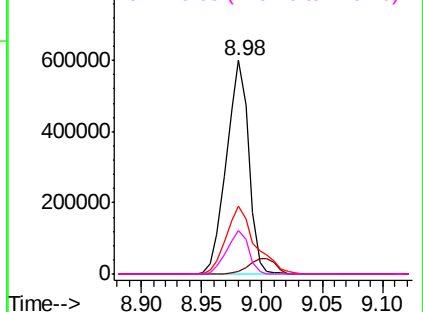
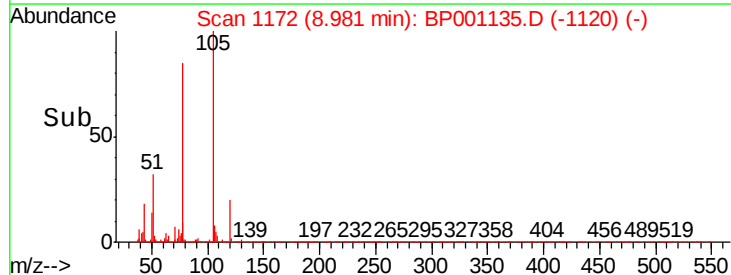
Abundance

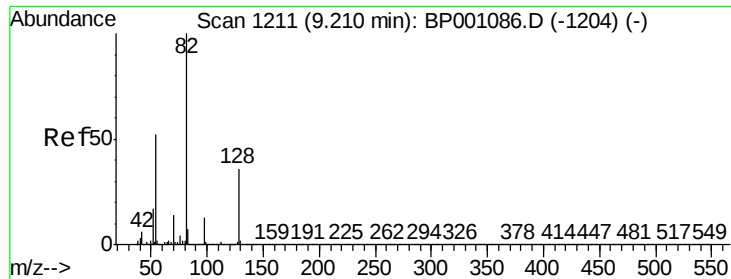
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

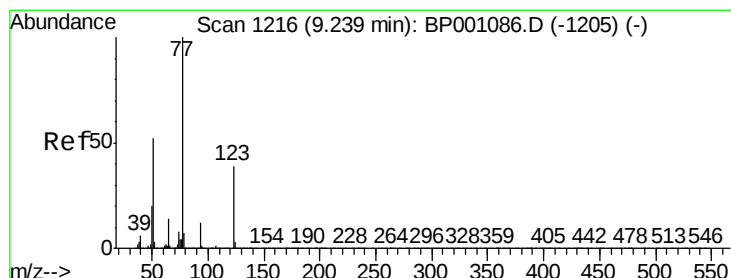
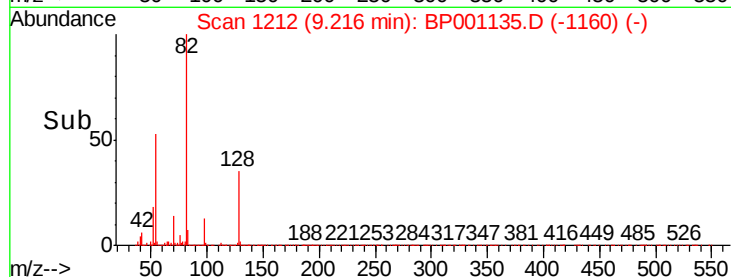
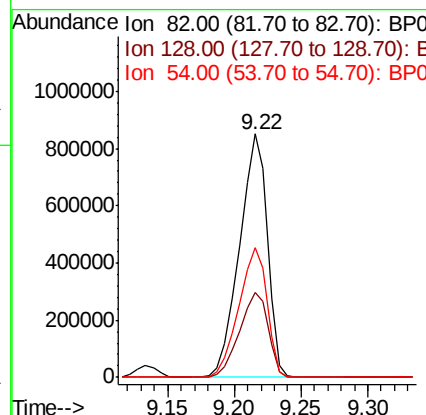
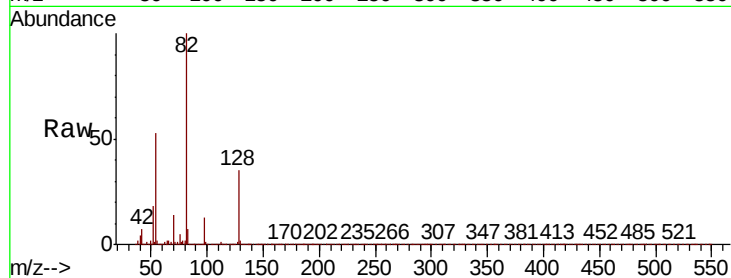




#23
Nitrobenzene-d5
Concen: 93.605 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

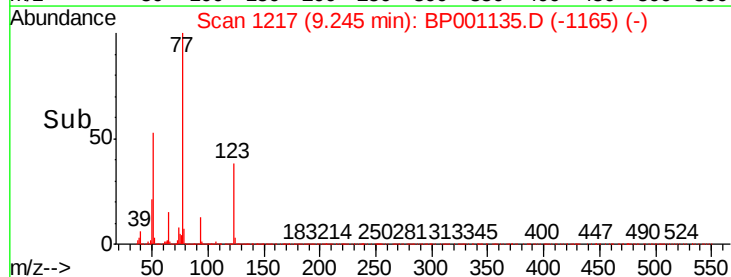
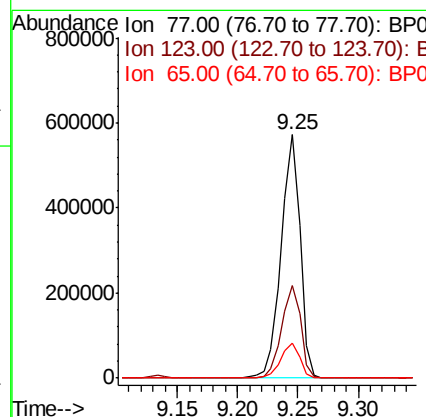
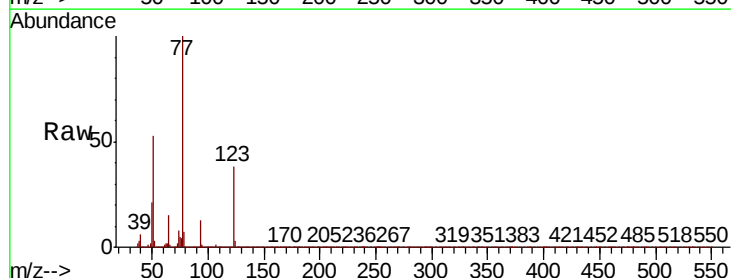
Instrument :
BNA_P
ClientSampled :

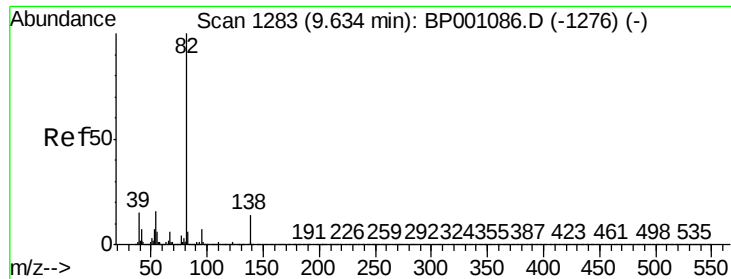
Tot Ion: 82 Resp: 1227004
Ion Ratio Lower Upper
82 100
128 35.0 28.9 43.3
54 53.5 41.9 62.9



#24
Nitrobenzene
Concen: 47.211 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion: 77 Resp: 615376
Ion Ratio Lower Upper
77 100
123 38.2 31.0 46.4
65 14.6 11.0 16.6





#25

Isophorone

Concen: 46.765 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

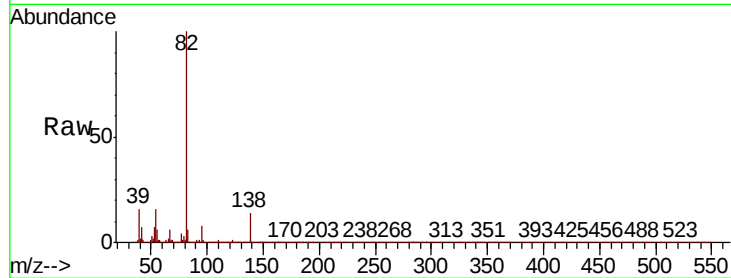
Tot Ion: 82 Resp: 1099256

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

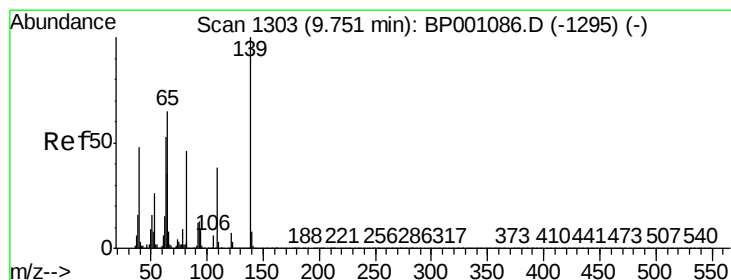
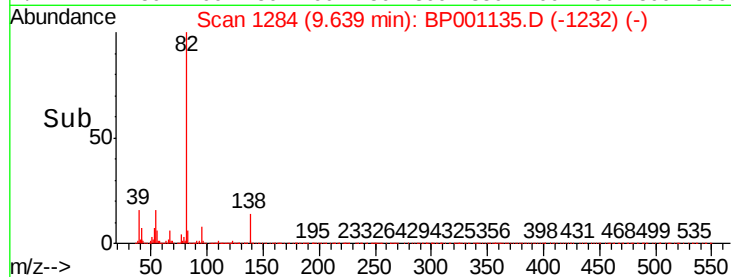
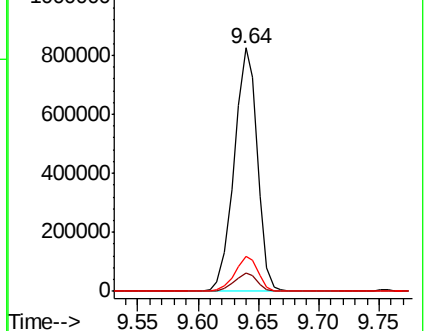
138 14.3 11.3 16.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 46.981 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

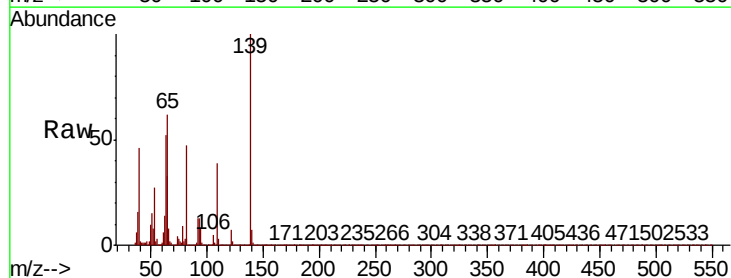
Tgt Ion: 139 Resp: 224309

Ion Ratio Lower Upper

139 100

109 39.3 30.6 45.8

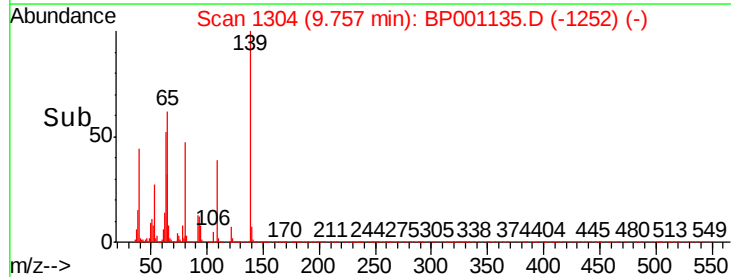
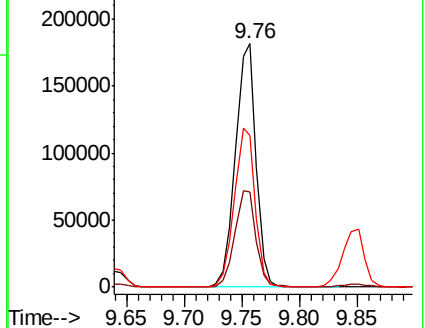
65 62.2 51.8 77.8

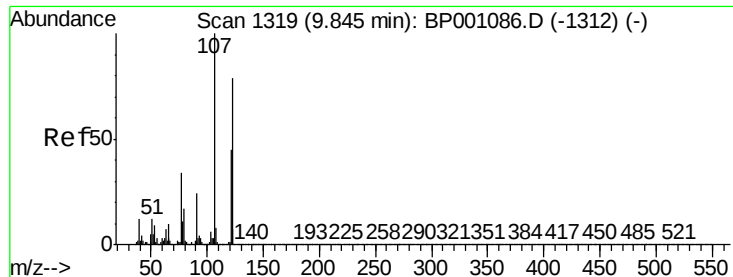


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 55.391 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampled :

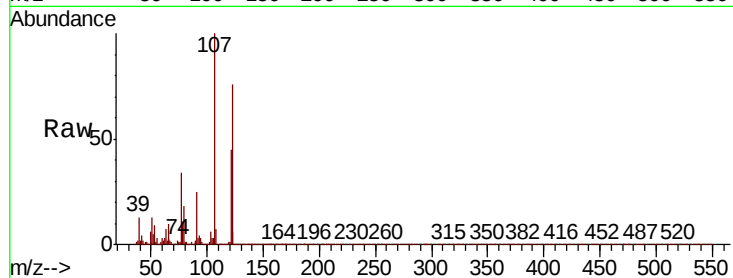
Tot Ion:122 Resp: 418904

Ion Ratio Lower Upper

122 100

107 131.0 101.9 152.9

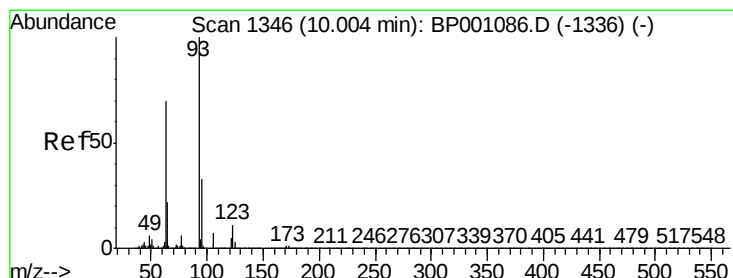
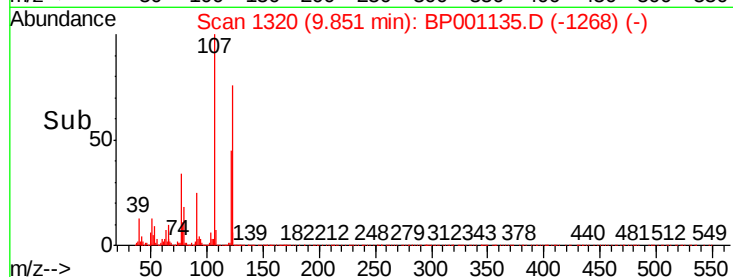
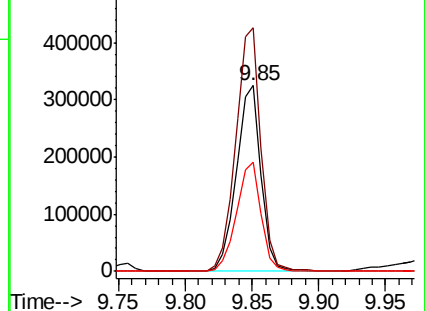
121 58.8 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.579 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

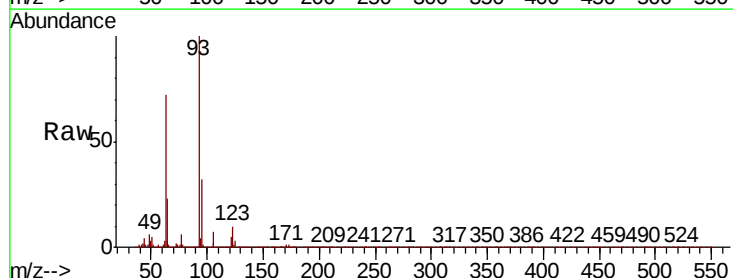
Tgt Ion: 93 Resp: 657446

Ion Ratio Lower Upper

93 100

95 31.6 26.0 39.0

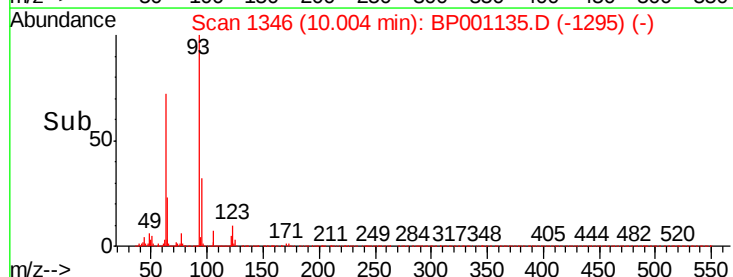
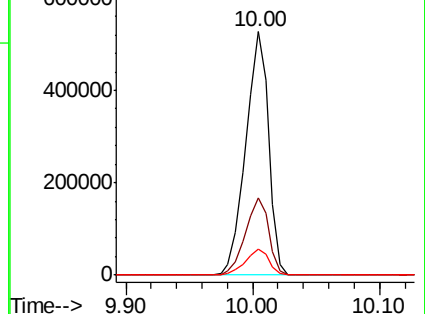
123 10.4 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

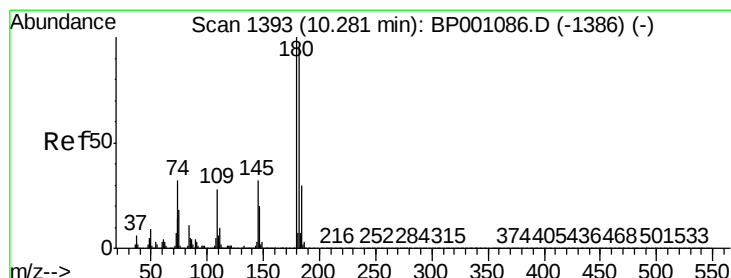
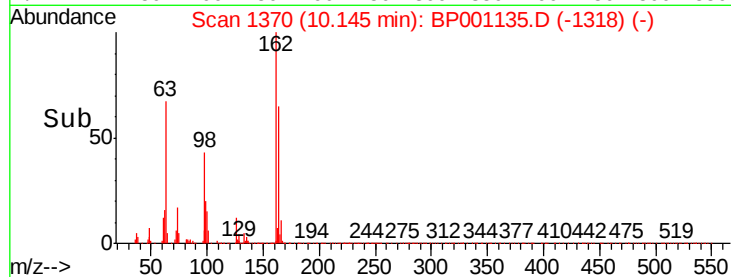
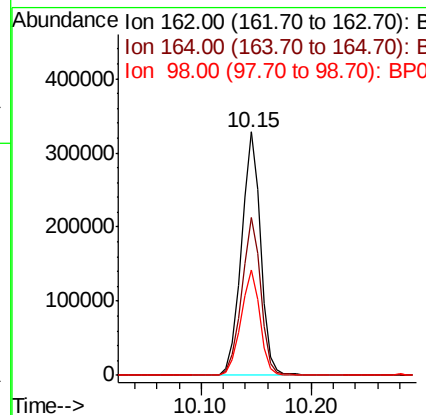
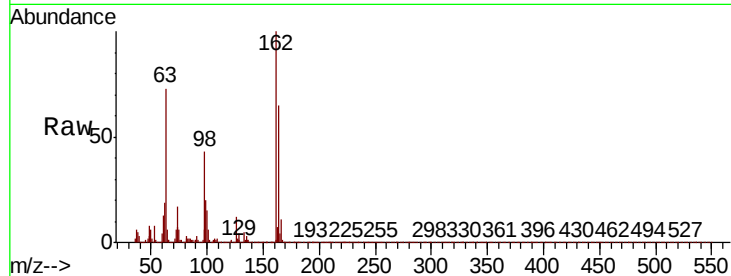




#29
 2,4-Dichlorophenol
 Concen: 46.610 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

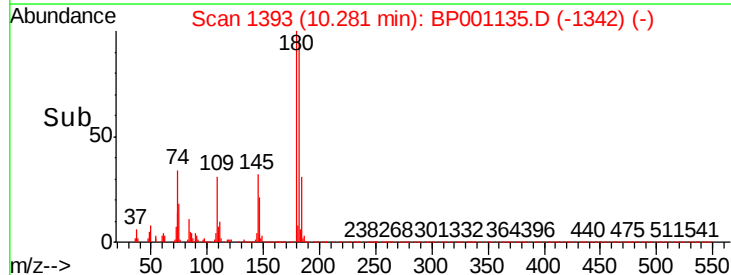
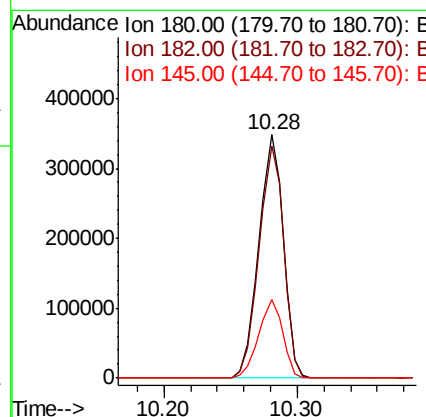
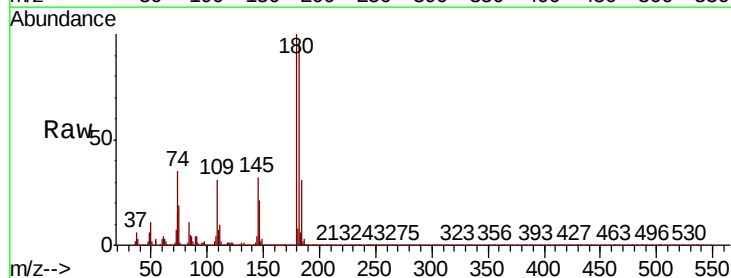
Instrument :
 BNA_P
 ClientSampleId :

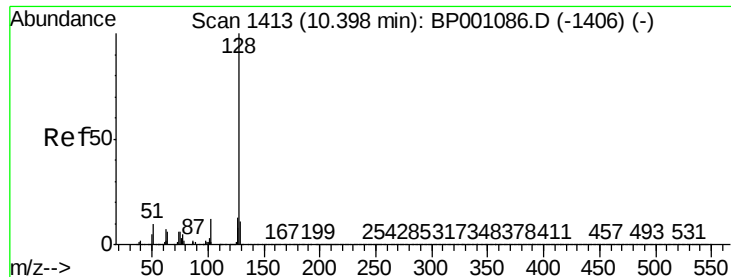
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	43.2	23.4	63.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.505 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	32.2	25.4	38.2

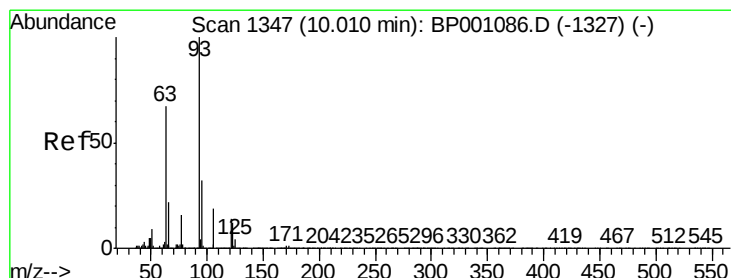
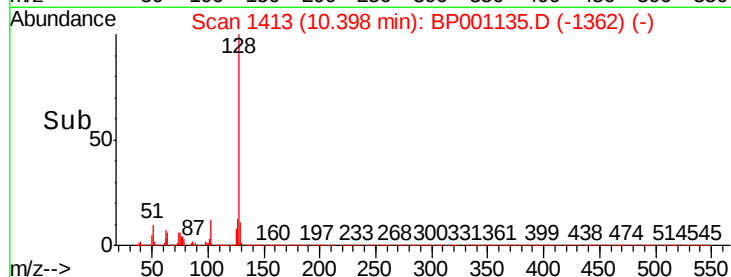
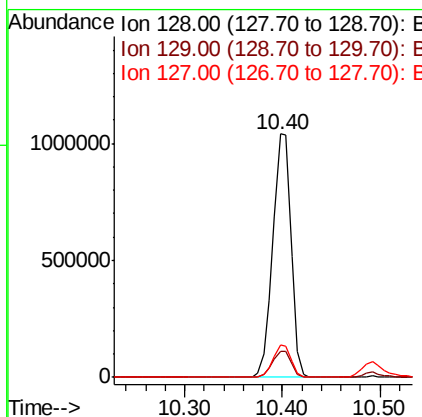
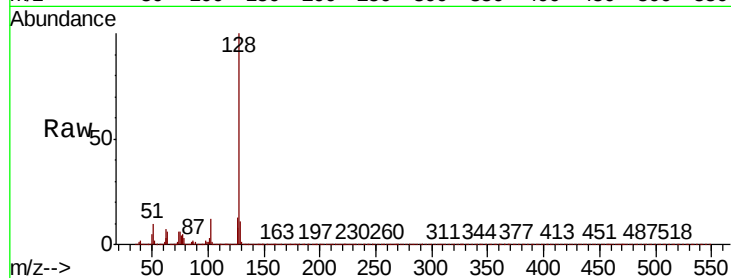




#31
Naphthalene
Concen: 46.927 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

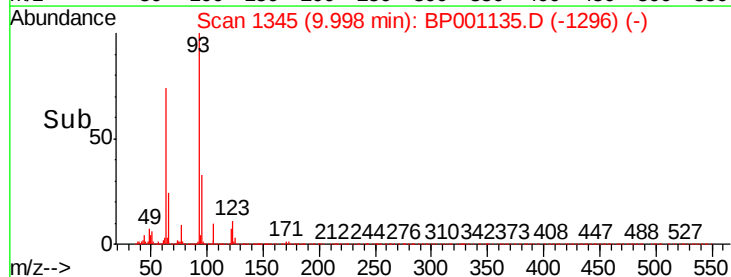
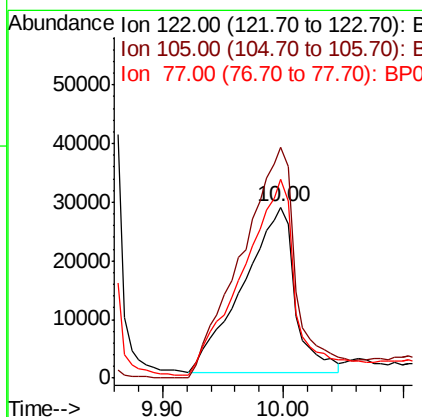
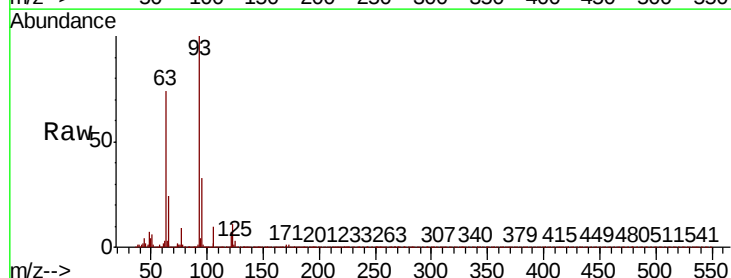
Instrument :
BNA_P
ClientSampleId :

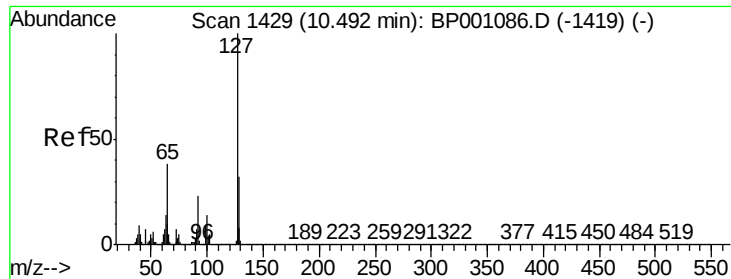
Tot Ion:128 Resp: 1363023
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 15.537 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:122 Resp: 84945
Ion Ratio Lower Upper
122 100
105 135.4 116.8 156.8
77 116.7 95.0 135.0

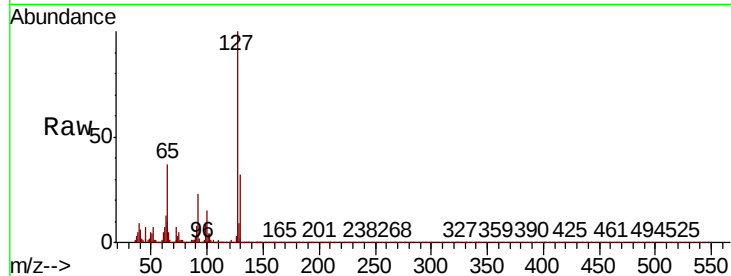




#33
4-Chloroaniline
Concen: 8.687 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	109492
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	37.4	30.6	46.0
92	23.0	18.5	27.7



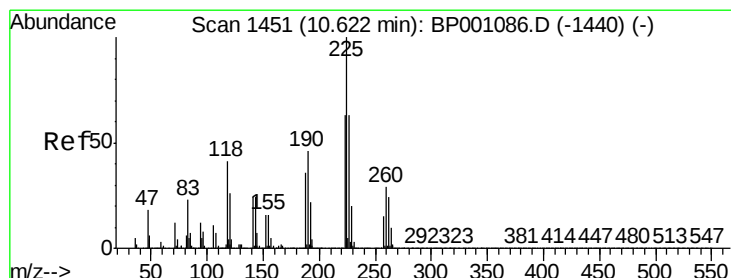
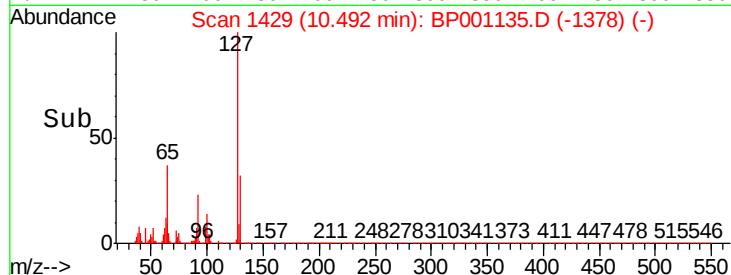
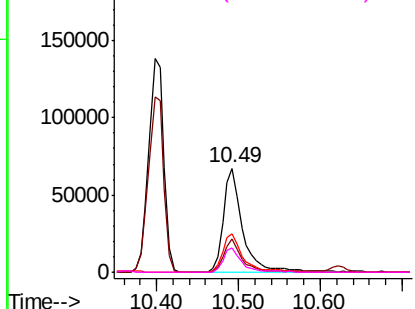
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

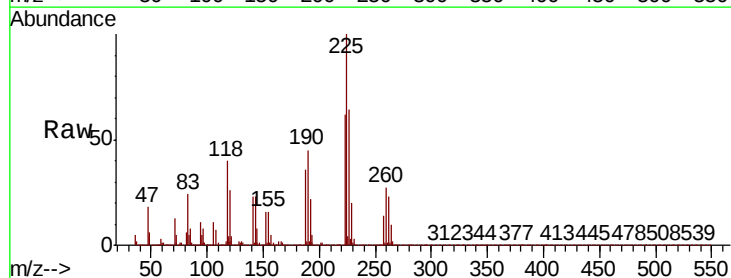
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 43.363 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:	225	Resp:	274239
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	64.3	50.0	75.0

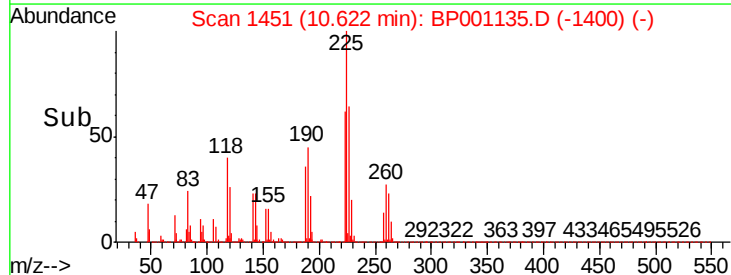
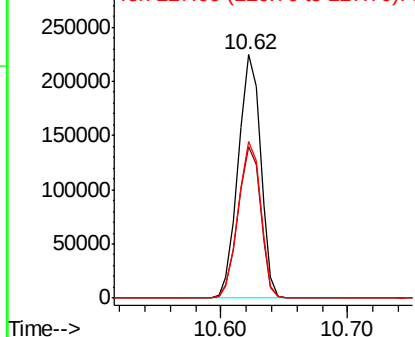


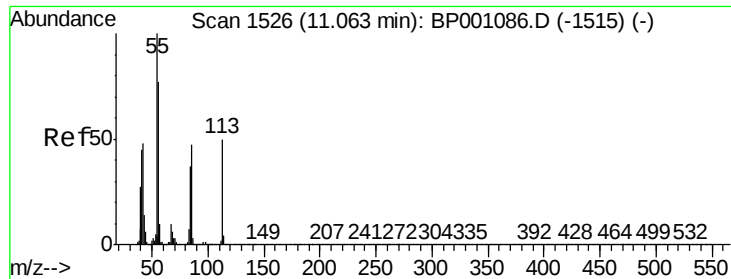
Abundance

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

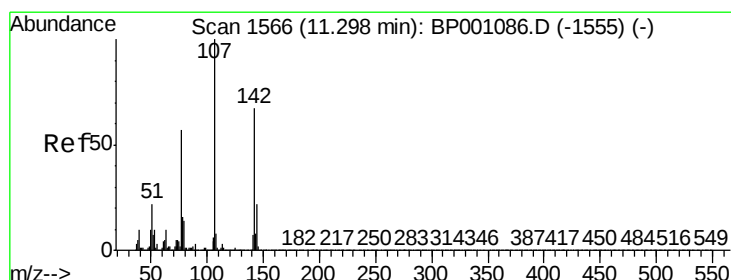
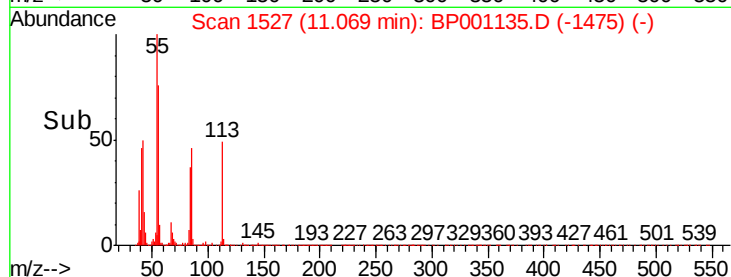
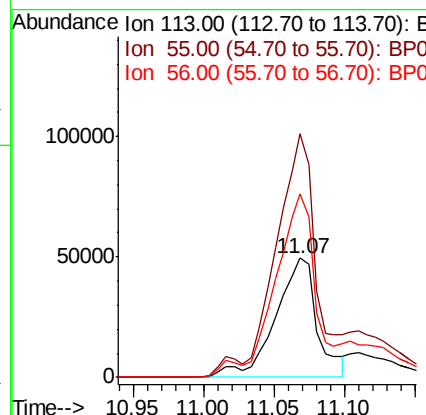
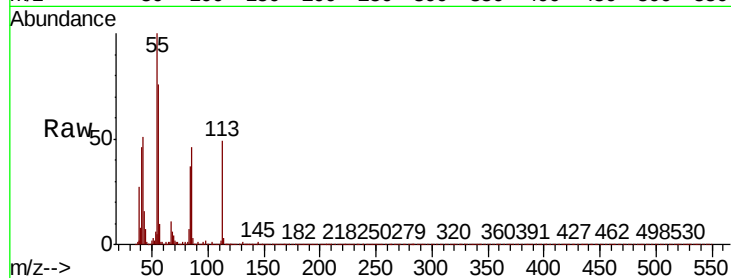




#35
Caprolactam
Concen: 34.332 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

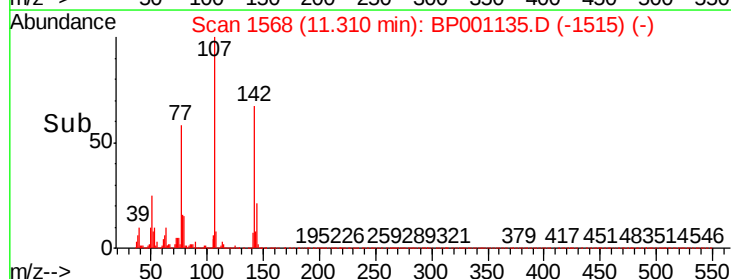
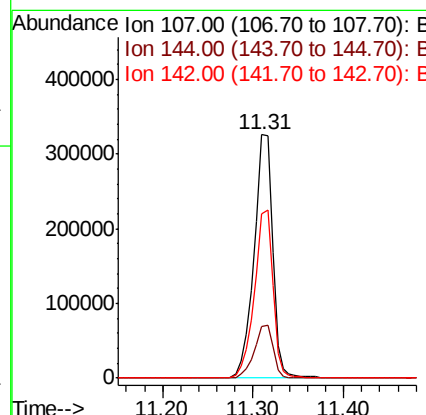
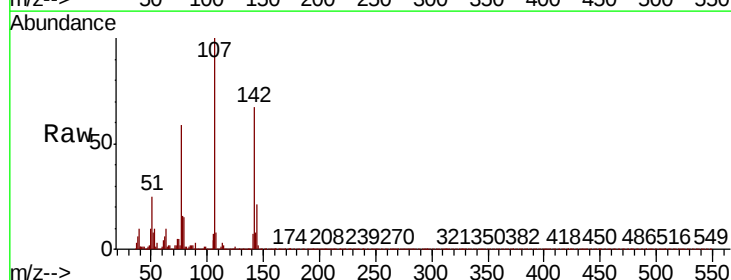
Instrument :
BNA_P
ClientSampleId :

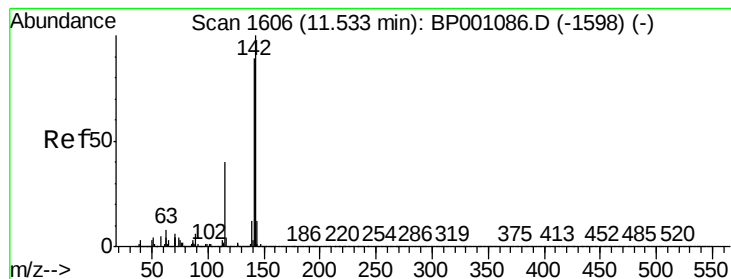
Tot Ion:113 Resp: 101848
Ion Ratio Lower Upper
113 100
55 204.2 181.2 221.2
56 154.2 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 45.496 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:107 Resp: 464298
Ion Ratio Lower Upper
107 100
144 21.2 17.5 26.3
142 67.4 53.3 79.9





#37

2-Methylnaphthalene

Concen: 45.011 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampled :

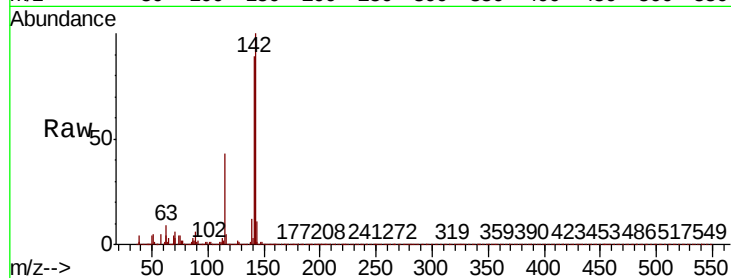
Tot Ion:142 Resp: 892089

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7

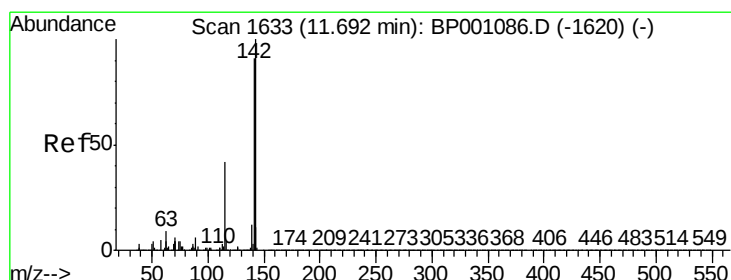
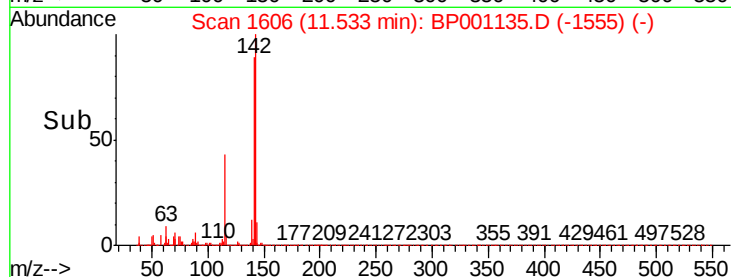
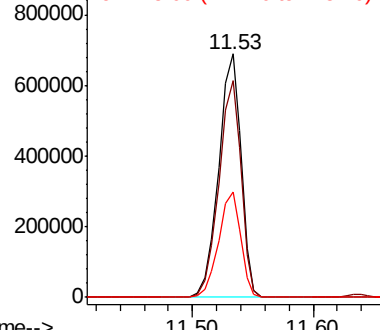
115 43.5 32.3 48.5



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: 44.098 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

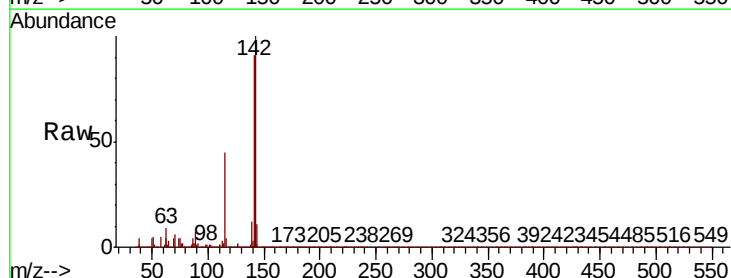
Tgt Ion:142 Resp: 825625

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.4

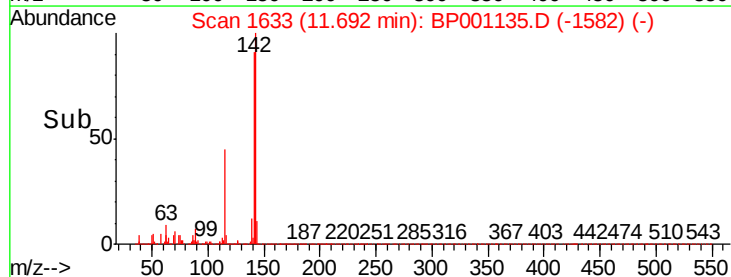
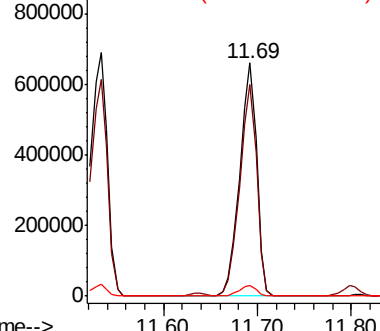
116 4.4 3.4 5.2

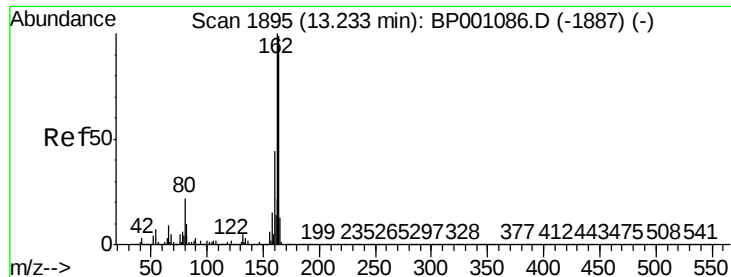


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

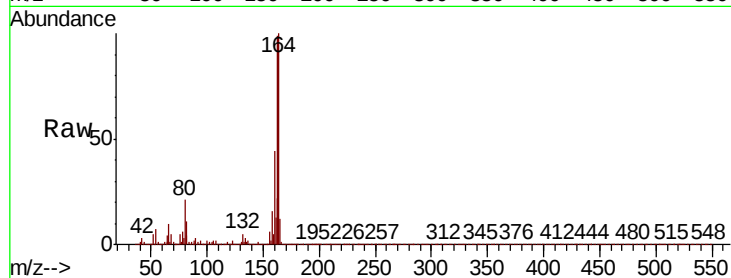
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 289929

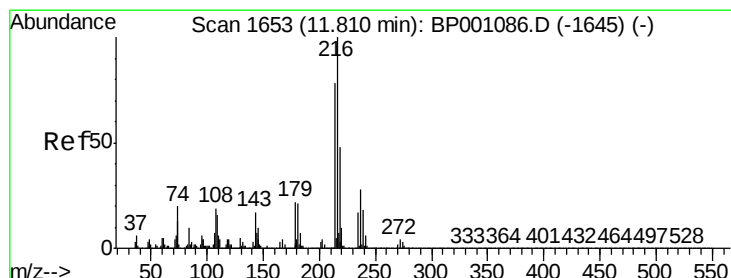
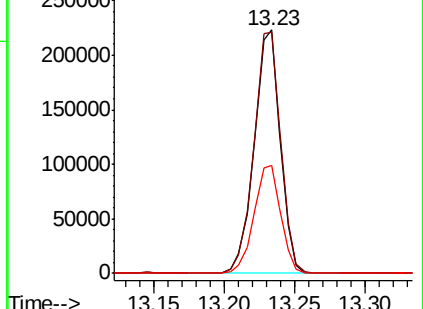
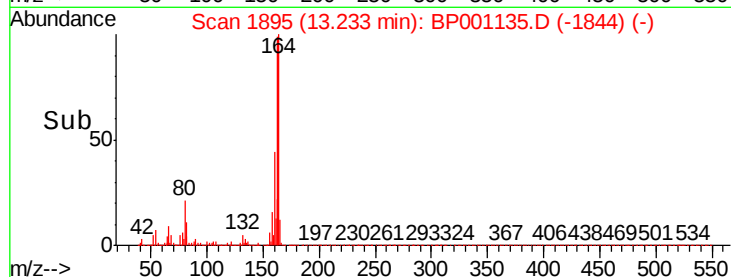
Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	120.8
160	44.3	35.4	53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.056 ng

RT: 11.81 min Scan# 1653

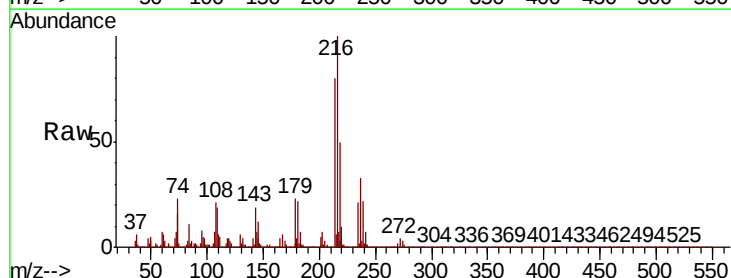
Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:216 Resp: 420808

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	22.5	17.6	26.4
108	23.4	17.7	26.5

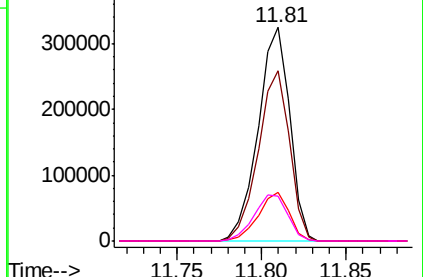
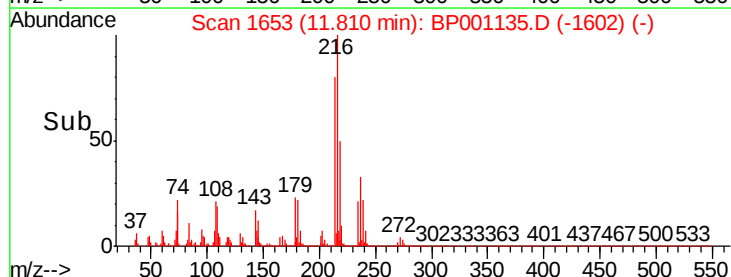


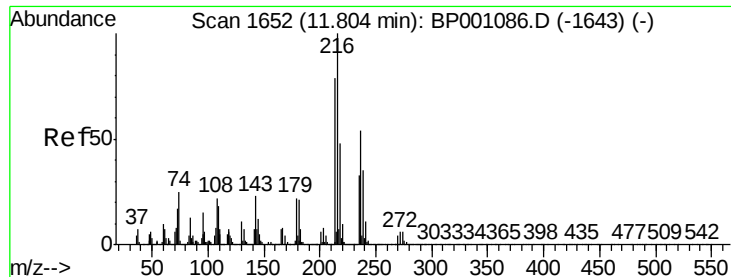
Abundance Ion 216.00 (215.70 to 216.70): E

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

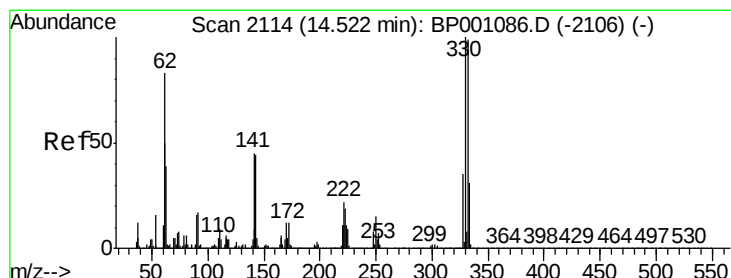
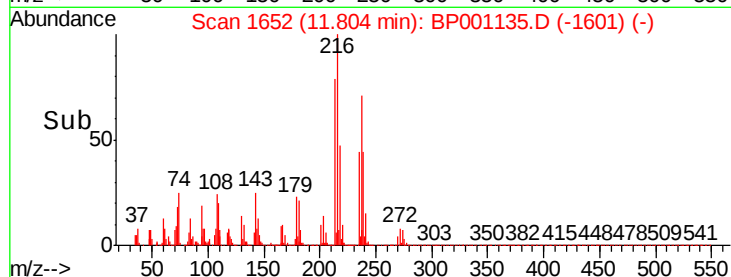
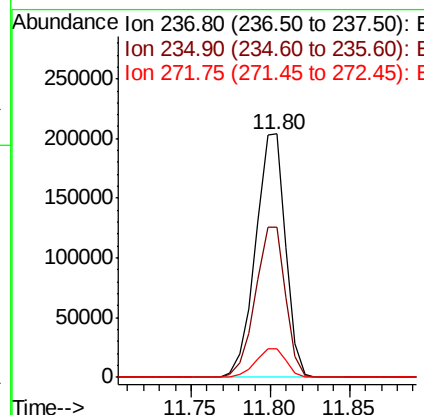
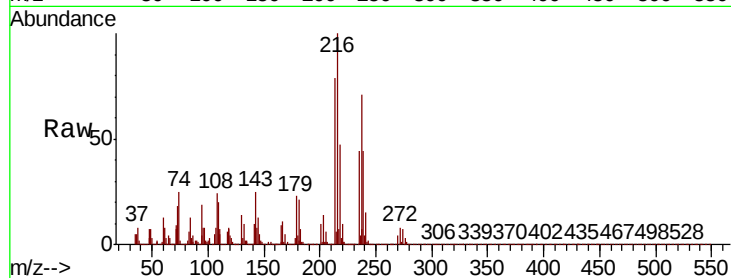




#41
Hexachlorocyclopentadiene
Concen: 63.295 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

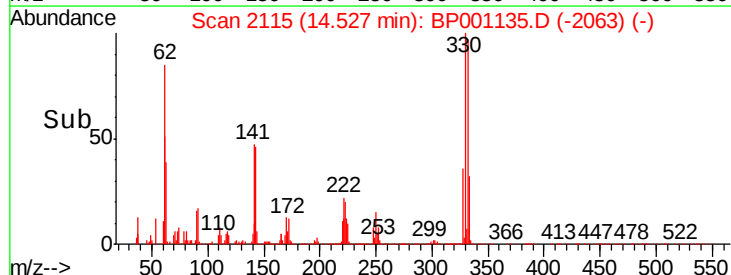
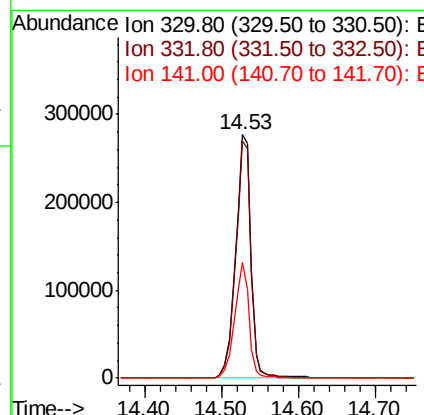
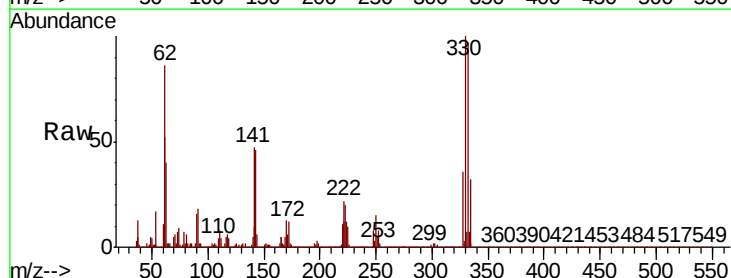
Instrument :
BNA_P
ClientSampled :

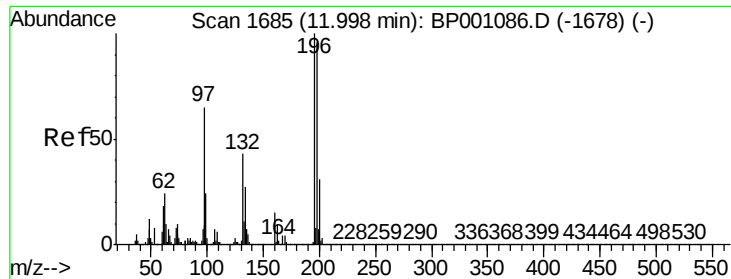
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.8	81.8
272	11.9	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 138.787 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	44.3	34.2	51.2

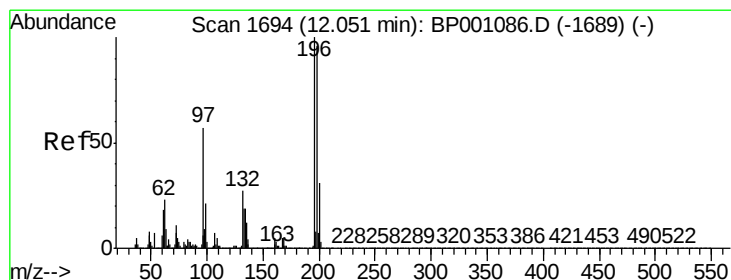
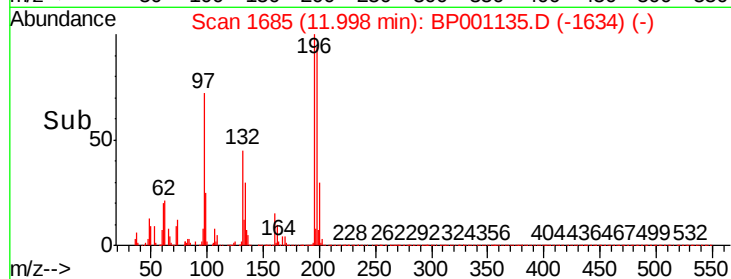
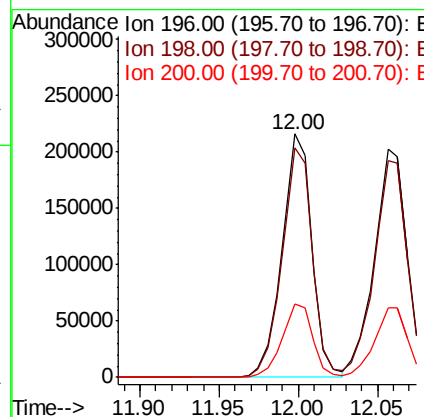
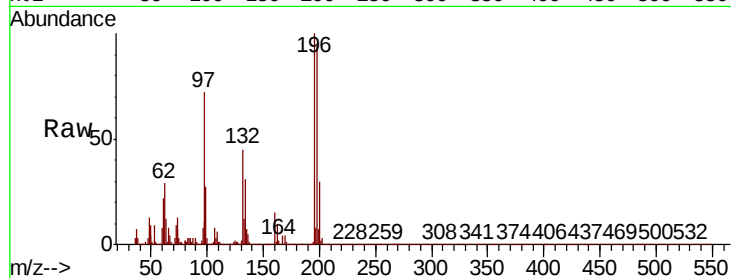




#43
 2,4,6-Trichlorophenol
 Concen: 47.219 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

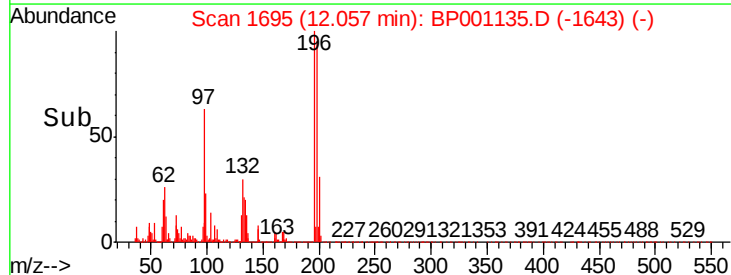
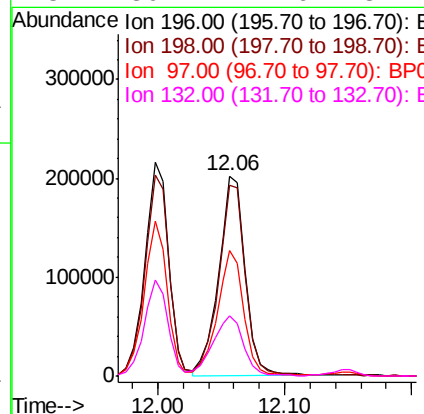
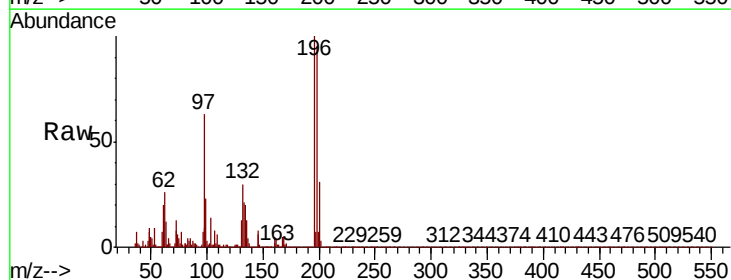
Instrument :
 BNA_P
 ClientSampleId :

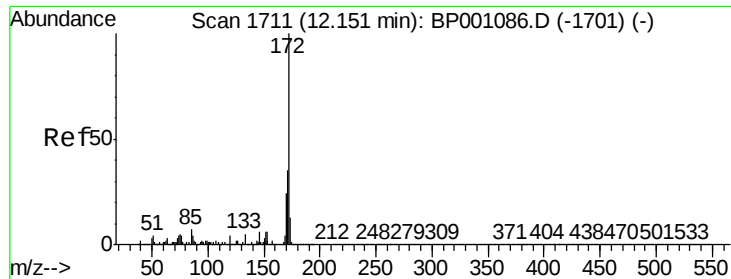
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.7	115.1
200	30.0	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.654 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.8	115.2
97	62.9	46.1	69.1
132	30.1	21.6	32.4

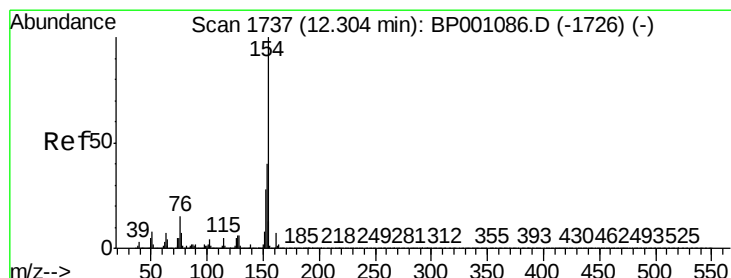
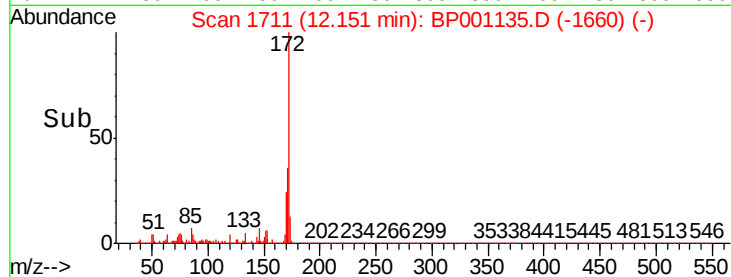
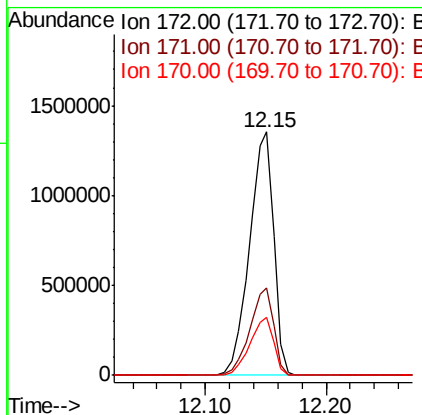
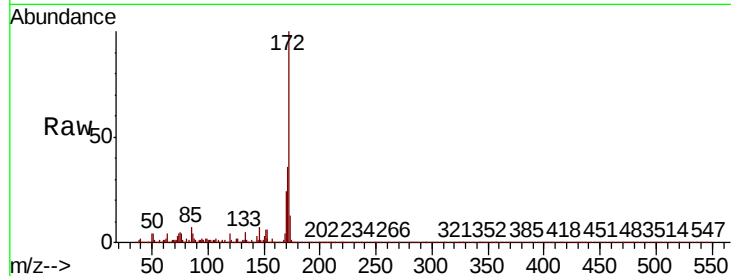




#45
2-Fluorobiphenyl
Concen: 95.226 ng
RT: 12.15 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

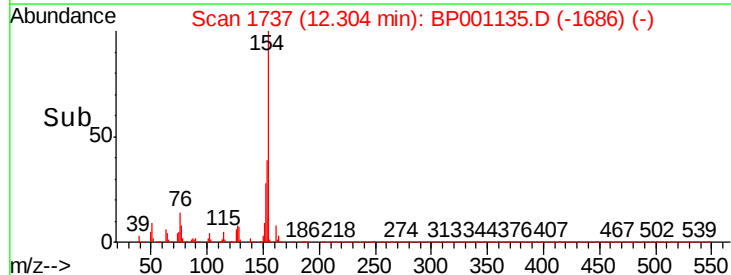
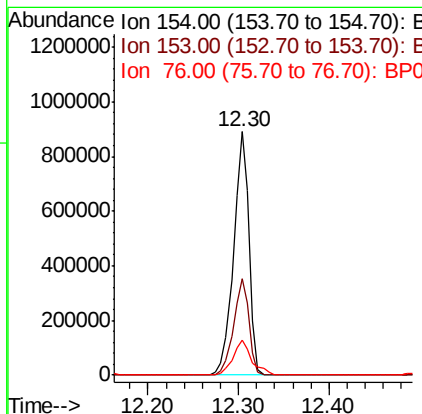
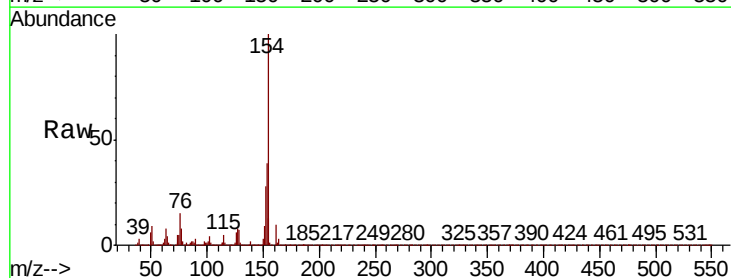
Instrument :
BNA_P
ClientSampleId :

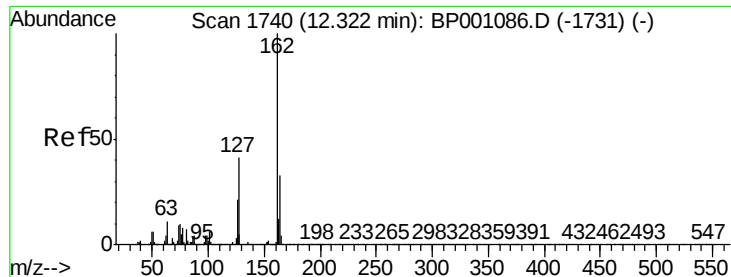
Tot Ion:172 Resp: 1886391
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.994 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:154 Resp: 1052974
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 14.6 0.0 34.5

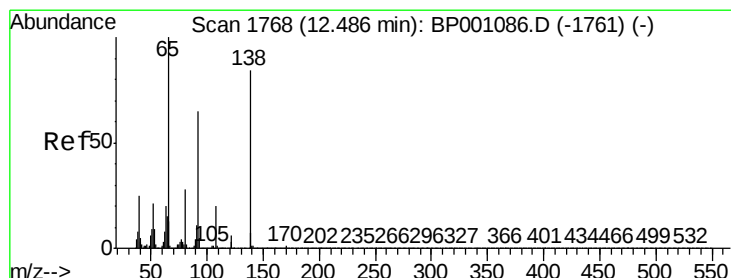
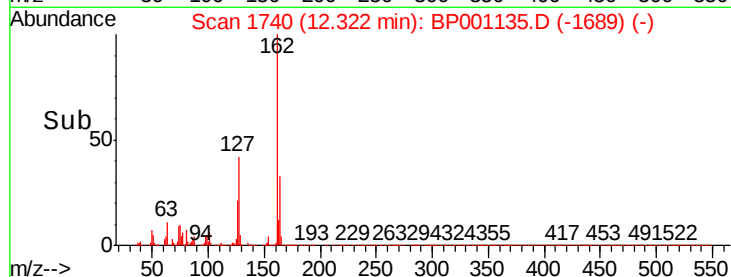
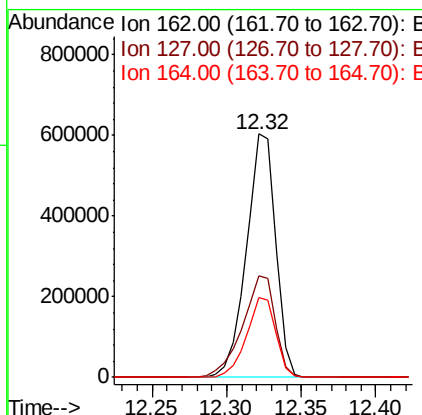
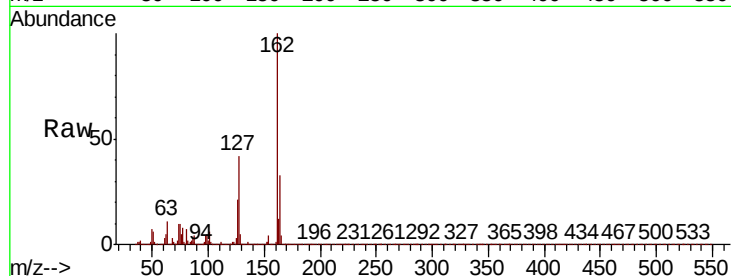




#47
2-Chloronaphthalene
Concen: 45.473 ng
RT: 12.32 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

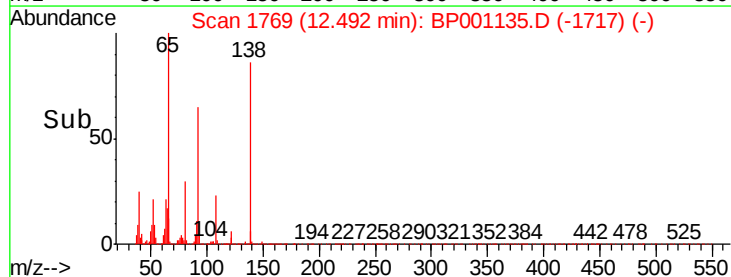
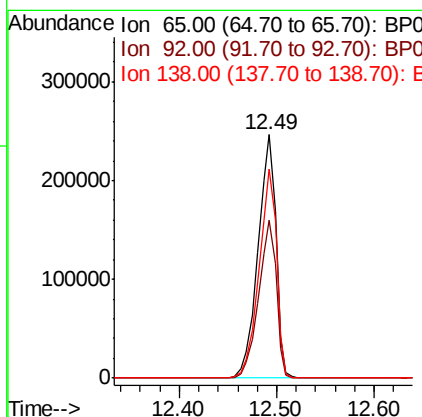
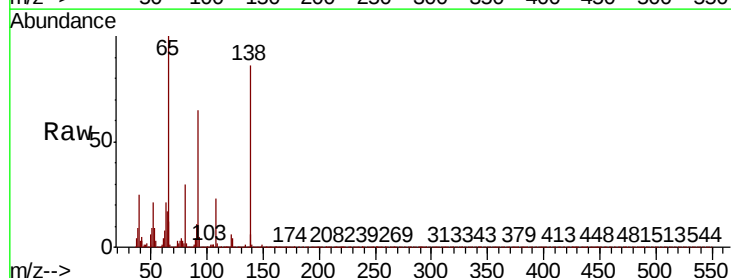
Instrument :
BNA_P
ClientSampleId :

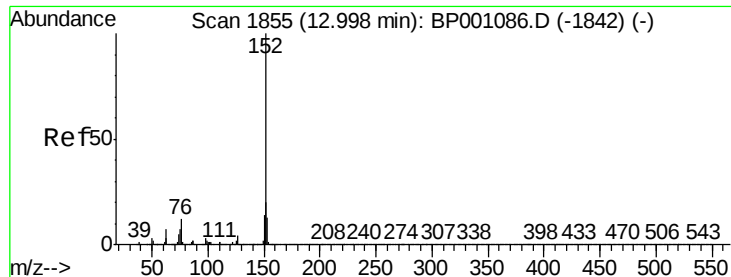
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.0	49.6
164	33.0	26.7	40.1



#48
2-Nitroaniline
Concen: 45.121 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.6	77.4
138	85.8	67.3	100.9





#49

Acenaphthylene

Concen: 47.685 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

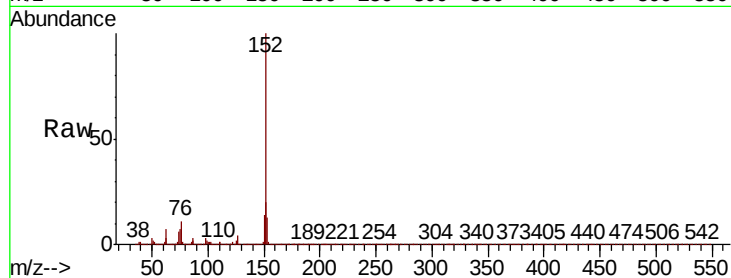
Tot Ion:152 Resp: 1279312

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.4	10.2	15.4

152 100

151 19.8 15.8 23.8

153 13.4 10.2 15.4

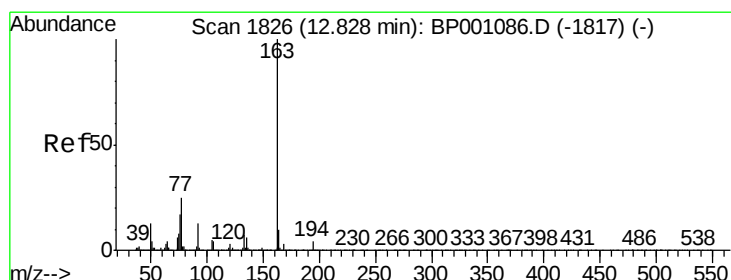
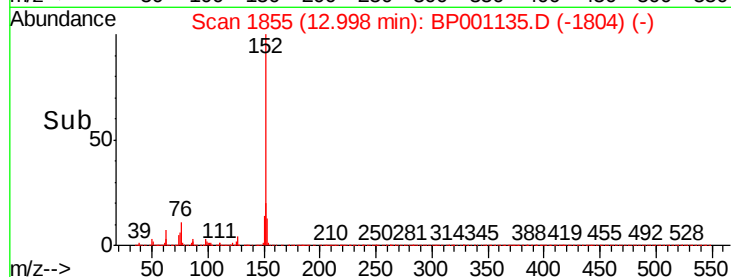
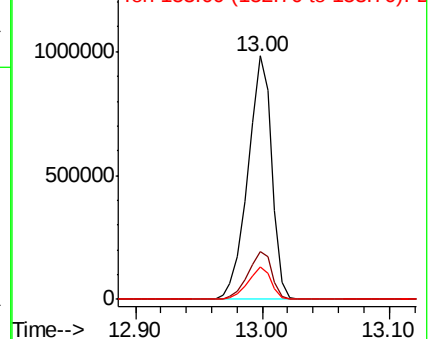


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.707 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

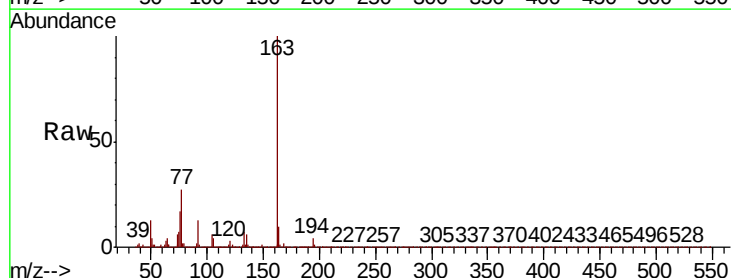
Tgt Ion:163 Resp: 991101

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.3	8.1	12.1

163 100

194 4.1 3.1 4.7

164 10.3 8.1 12.1

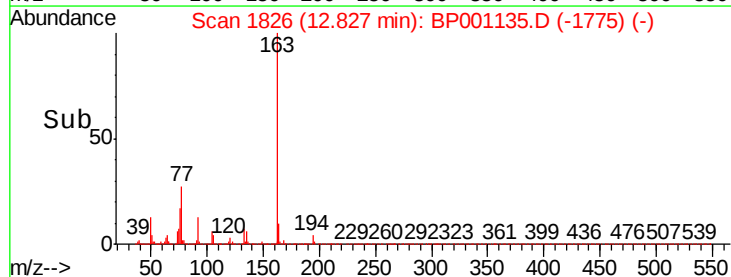
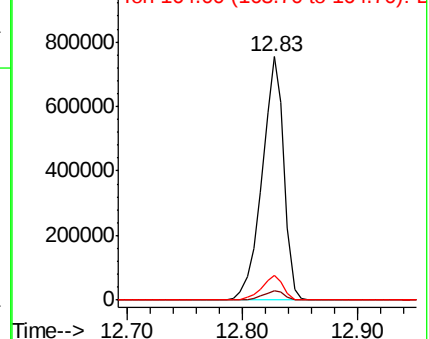


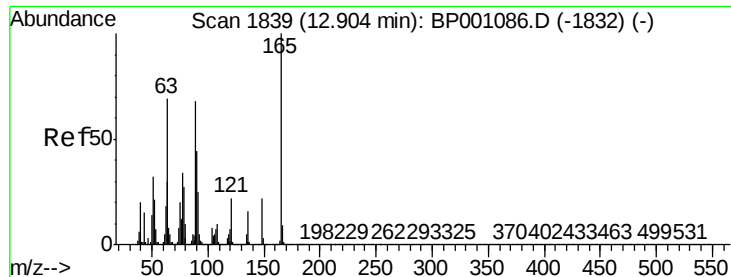
Abundance

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

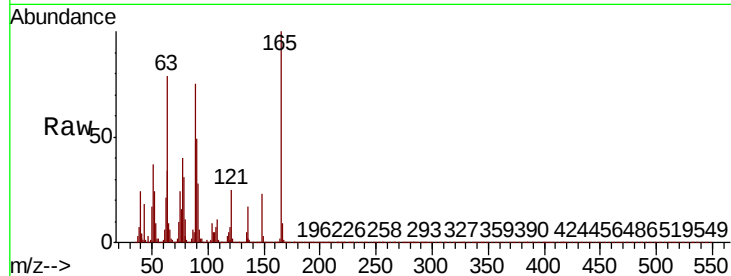




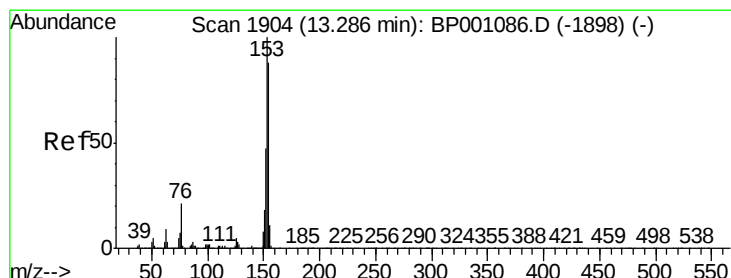
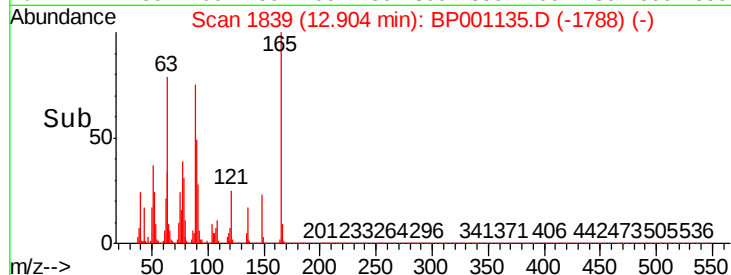
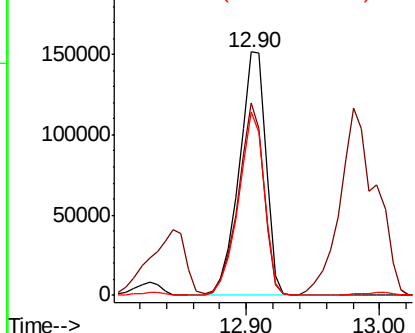
#51
2,6-Dinitrotoluene
Concen: 45.178 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 209704
Ion Ratio Lower Upper
165 100
63 79.1 55.6 83.4
89 75.4 54.1 81.1

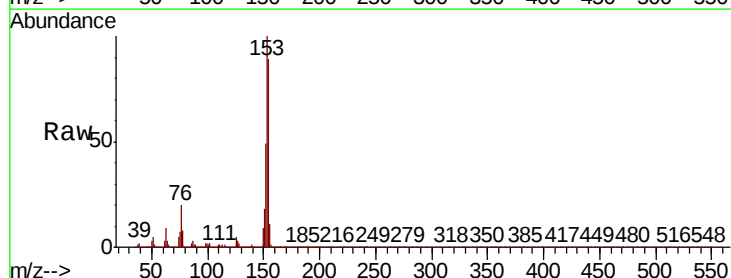


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

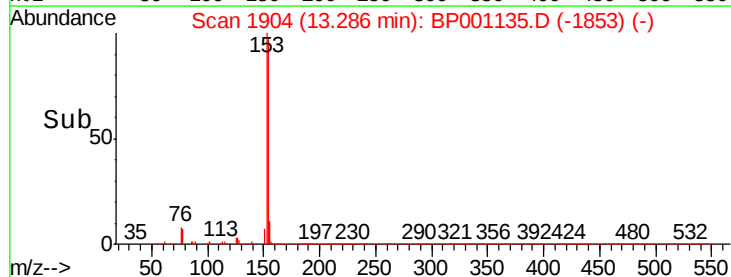
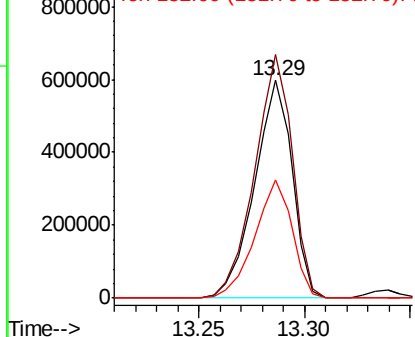


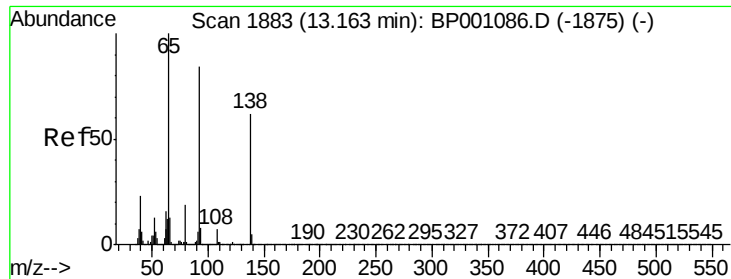
#52
Acenaphthene
Concen: 45.835 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:154 Resp: 739682
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 54.4 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

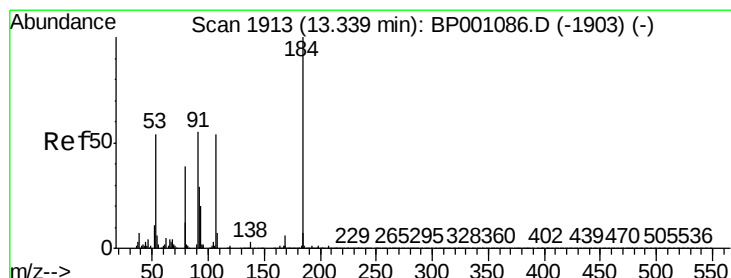
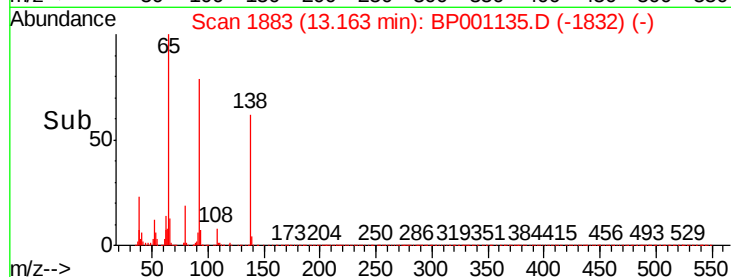
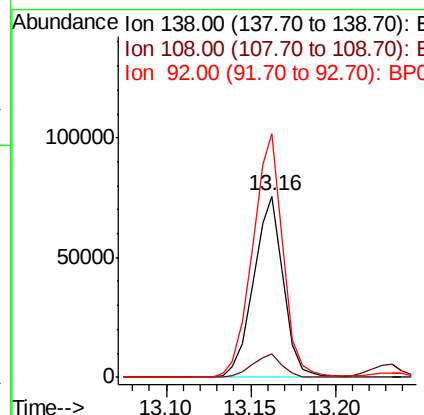
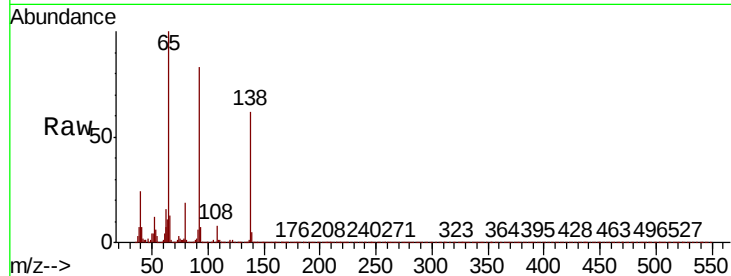




#53
3-Nitroaniline
Concen: 17.784 ng
RT: 13.16 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

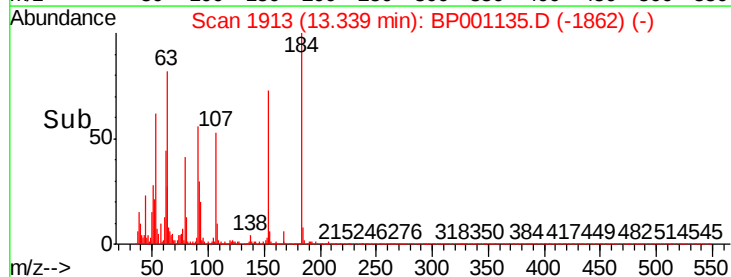
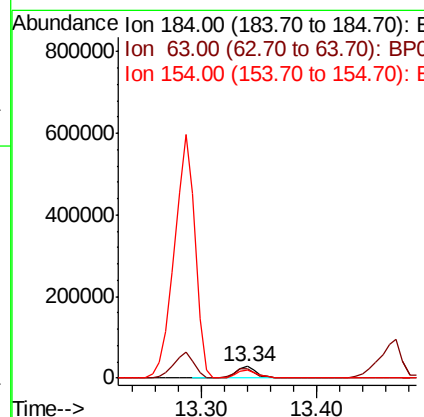
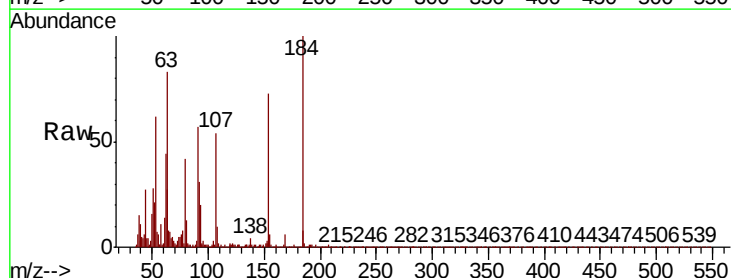
Instrument :
BNA_P
ClientSampleId :

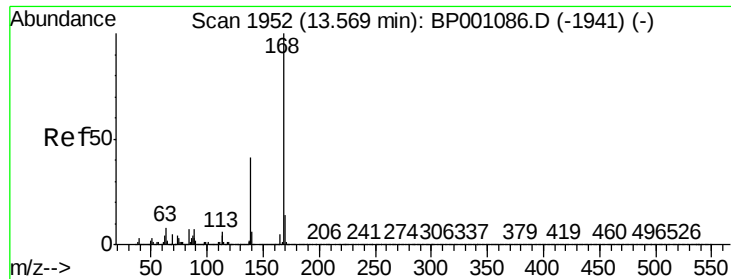
Tot Ion:138 Resp: 92730
Ion Ratio Lower Upper
138 100
108 12.6 9.2 13.8
92 134.1 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 24.380 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:184 Resp: 35939
Ion Ratio Lower Upper
184 100
63 83.2 60.7 91.1
154 73.2 56.2 84.2





#55

Dibenzofuran

Concen: 46.036 ng

RT: 13.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

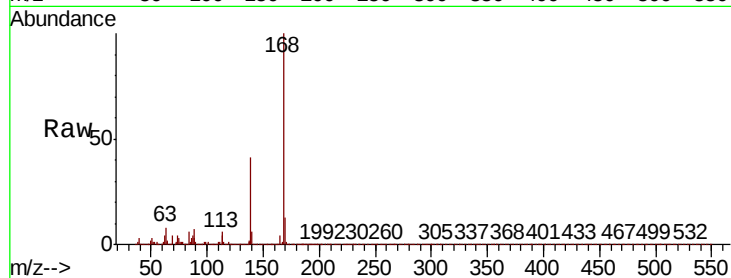
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 1116393

Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.8	49.2
169	13.1	10.9	16.3

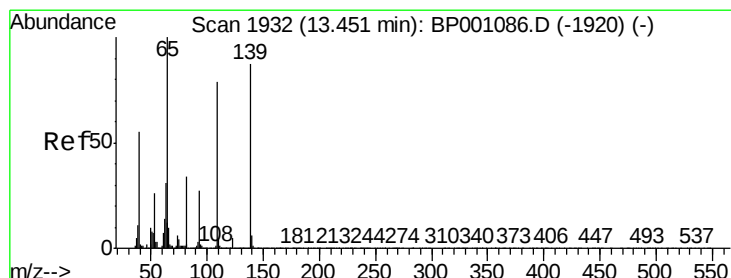
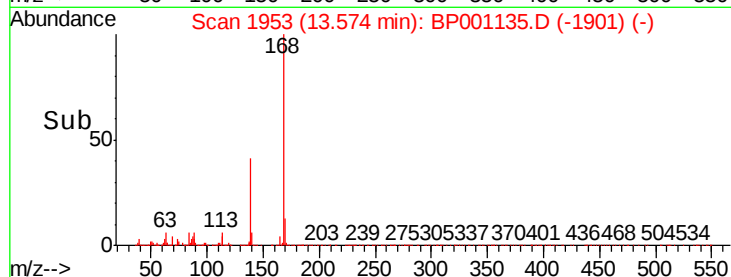
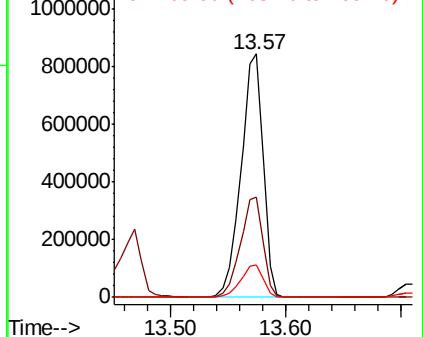


Abundance

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: 88.245 ng

RT: 13.47 min Scan# 1935

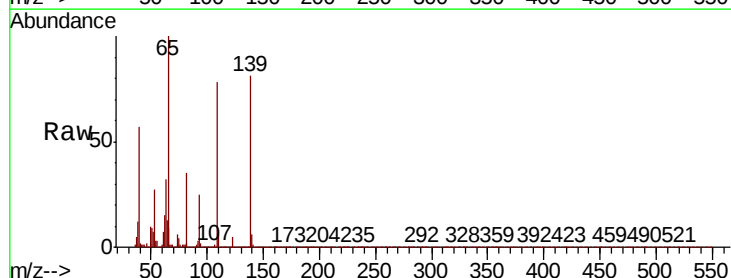
Delta R.T. 0.02 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:139 Resp: 326051

Ion	Ratio	Lower	Upper
139	100		
109	97.0	70.9	110.9
65	124.0	95.2	135.2

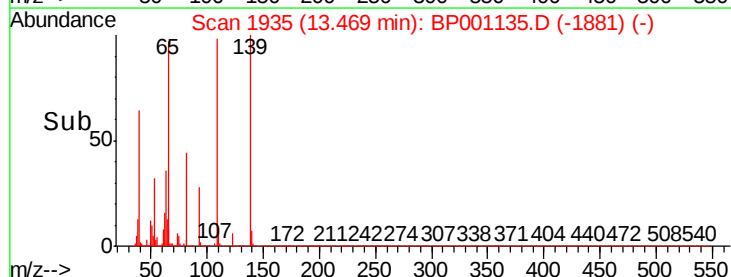
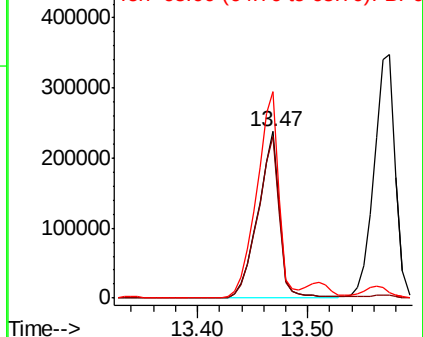


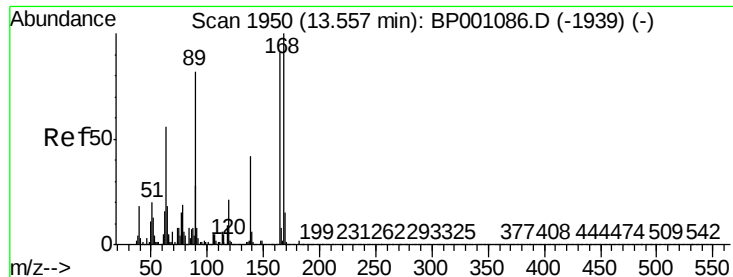
Abundance

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

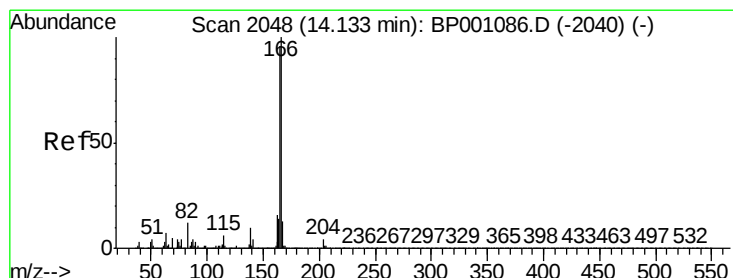
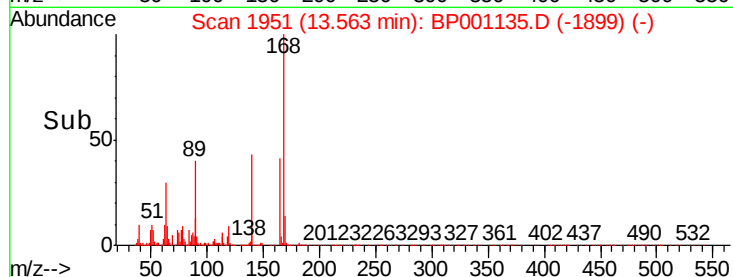
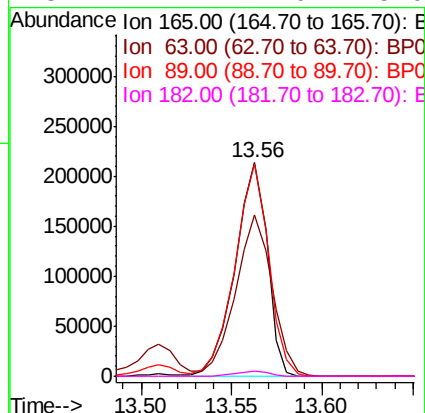
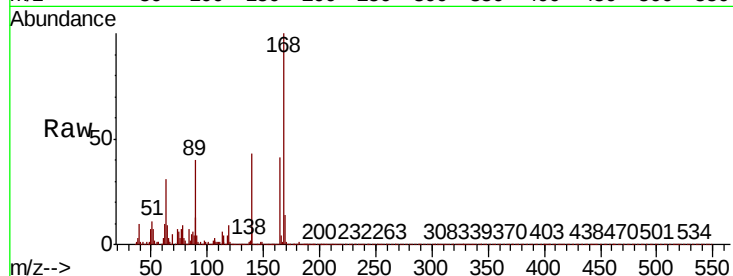




#57
2,4-Dinitrotoluene
Concen: 45.175 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

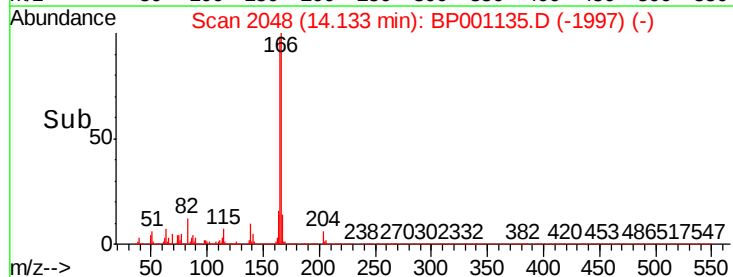
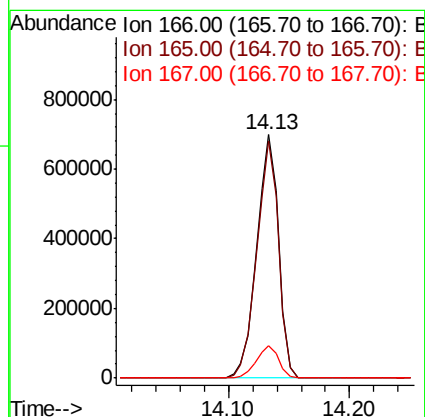
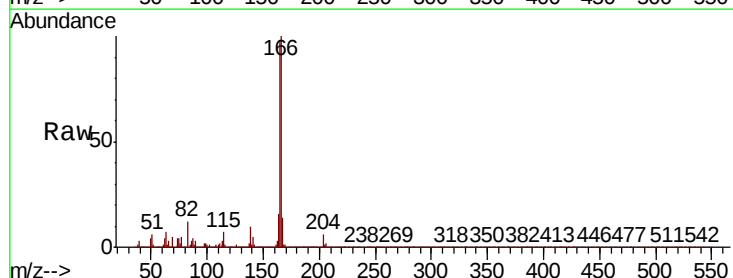
Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 262838
Ion Ratio Lower Upper
165 100
63 75.4 49.4 74.2#
89 99.6 72.1 108.1
182 2.7 2.0 3.0



#58
Fluorene
Concen: 45.225 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:166 Resp: 878815
Ion Ratio Lower Upper
166 100
165 97.5 76.7 115.1
167 13.5 10.5 15.7

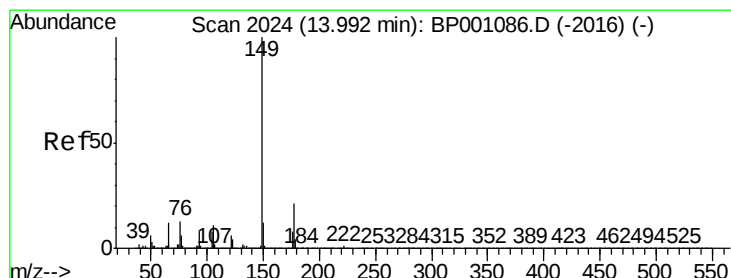
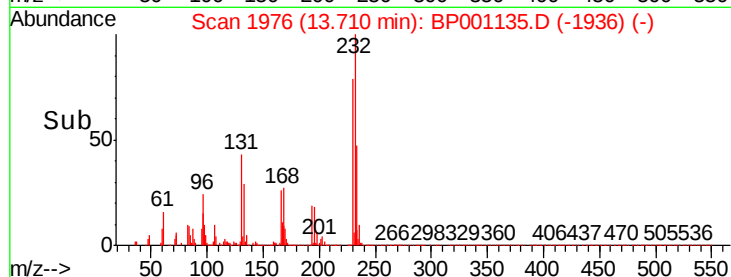
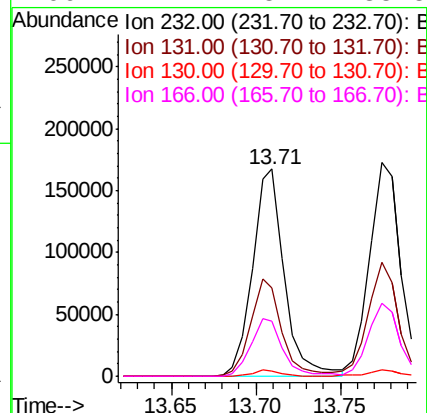
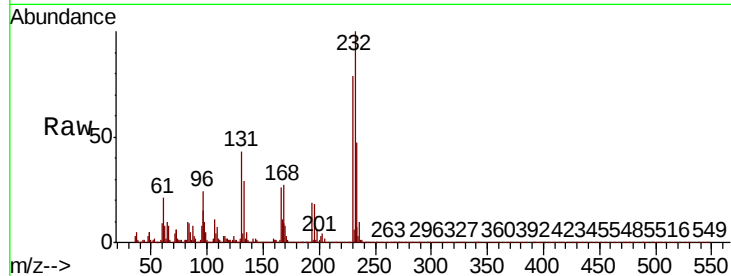




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.276 ng
 RT: 13.71 min Scan# 1976
 Delta R.T. -0.06 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

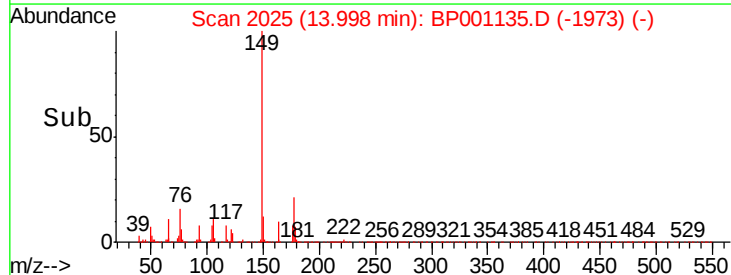
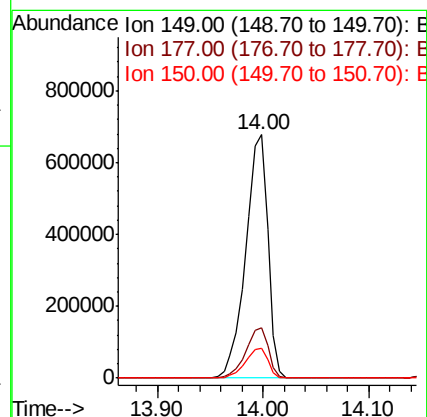
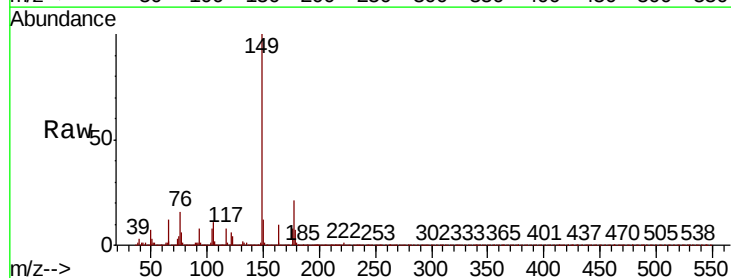
Instrument :
 BNA_P
 ClientSampleId :

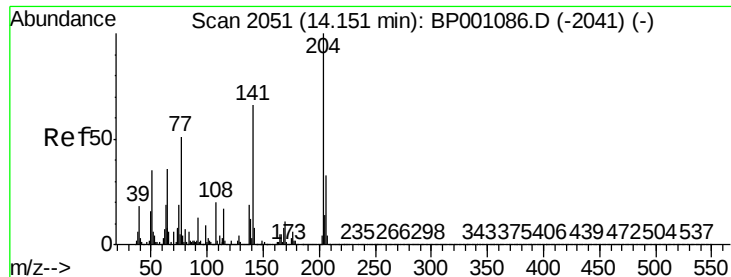
Tot Ion:	232	Resp:	219889
Ion	Ratio	Lower	Upper
232	100		
131	45.8	39.6	59.4
130	2.7	1.9	2.9
166	27.4	25.7	38.5



#60
 Diethylphthalate
 Concen: 43.812 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion:	149	Resp:	983683
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.2	9.9	14.9

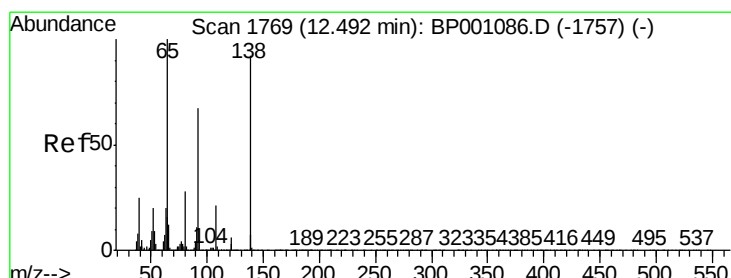
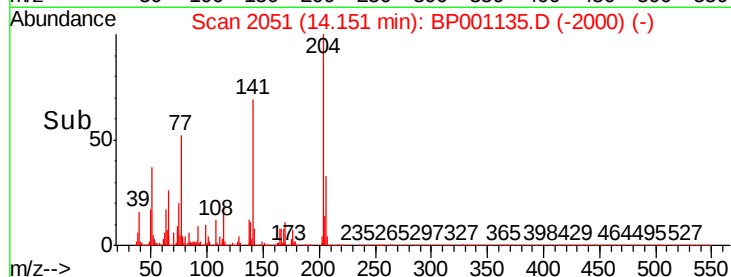
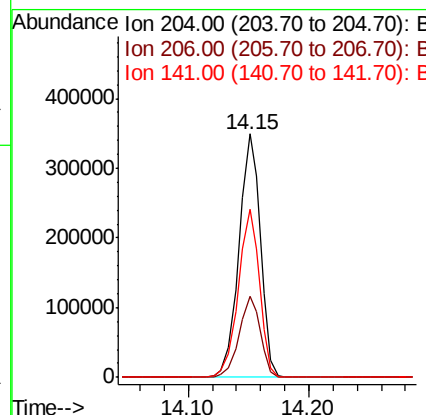
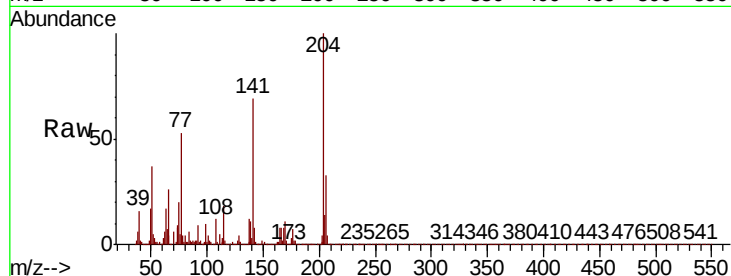




#61
4-Chlorophenyl-phenylether
Concen: 43.594 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

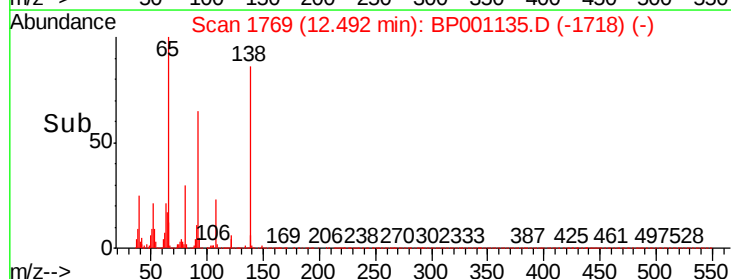
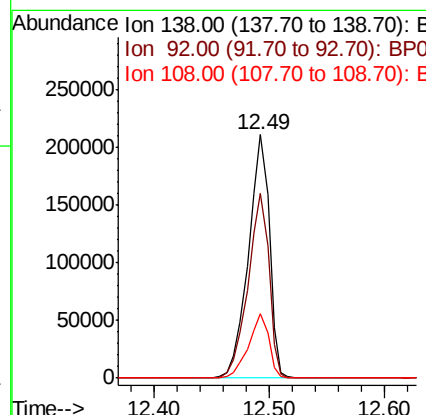
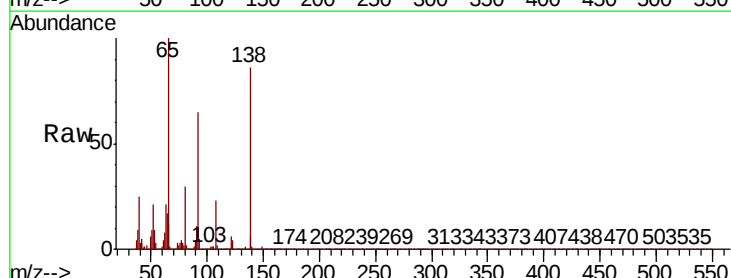
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.1	39.1
141	69.2	52.7	79.1



#62
4-Nitroaniline
Concen: 44.053 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	75.8	53.3	93.3
108	26.4	3.1	43.1





#63

Azobenzene

Concen: 44.433 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1078356

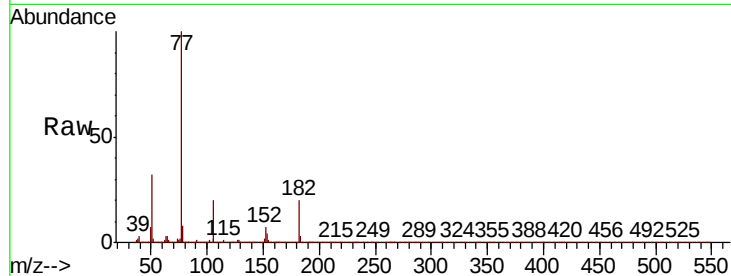
Ion	Ratio	Lower	Upper
77	100		
182	20.2	0.8	40.8
105	19.6	0.3	40.3
51	32.0	9.6	49.6

77 100

182 20.2 0.8 40.8

105 19.6 0.3 40.3

51 32.0 9.6 49.6

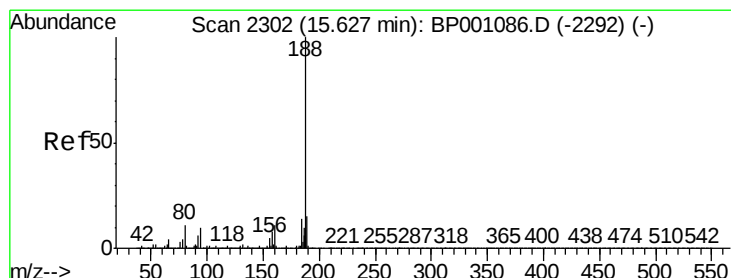
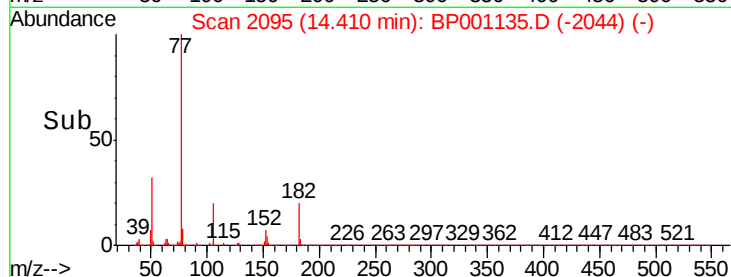
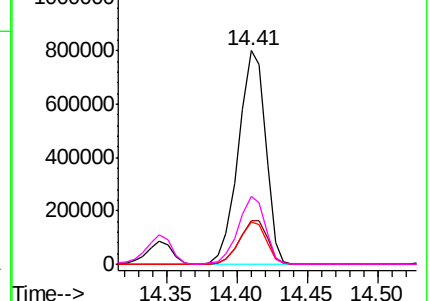


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: 15.63 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

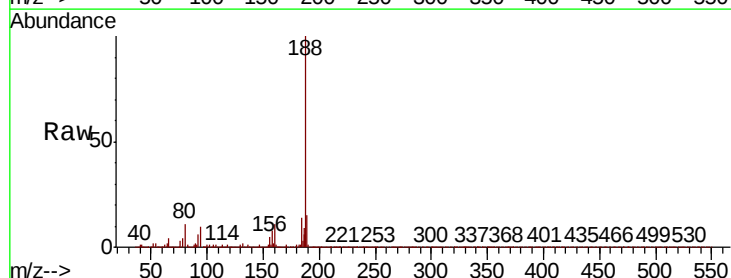
Tgt Ion: 188 Resp: 516474

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	11.1	8.8	13.2

188 100

94 10.0 7.9 11.9

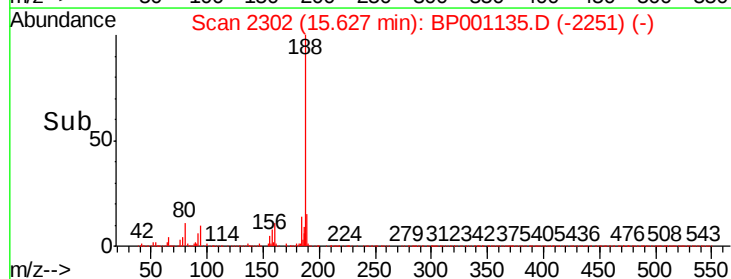
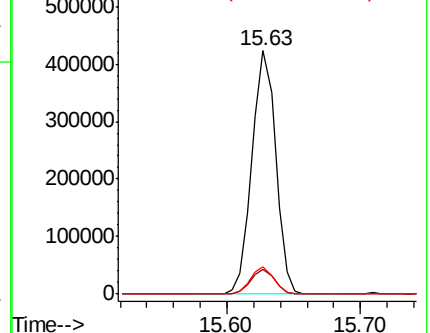
80 11.1 8.8 13.2

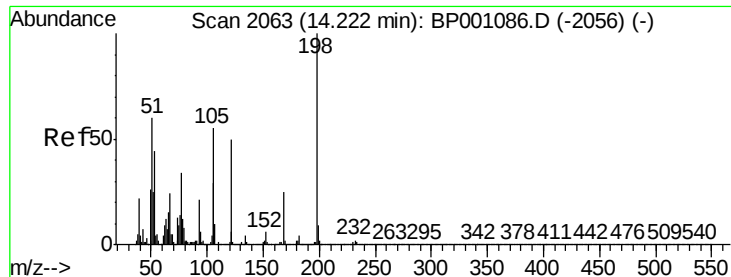


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

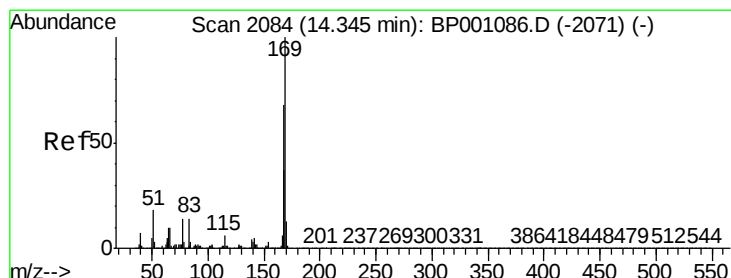
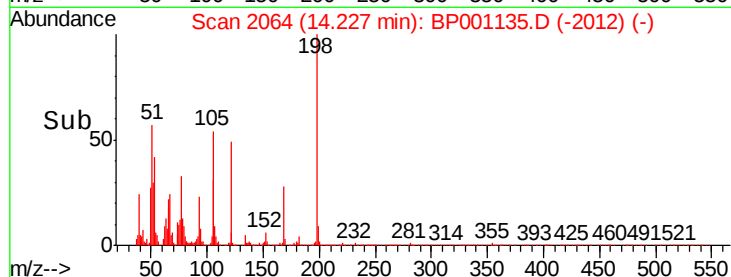
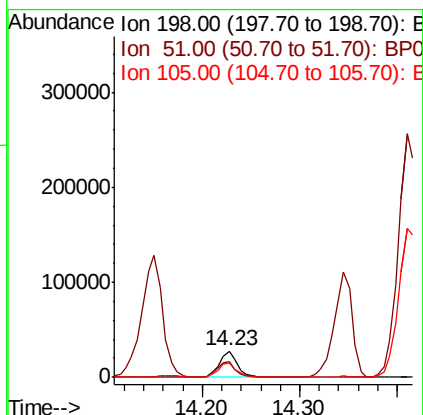
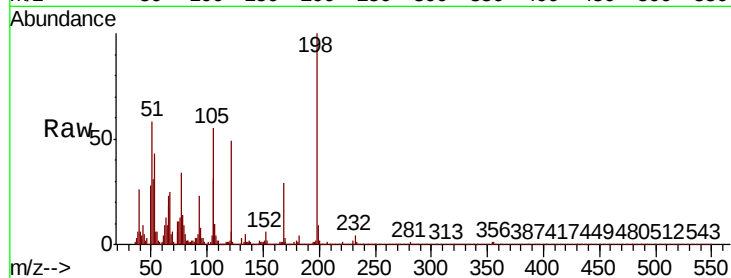




#65
4,6-Dinitro-2-methylphenol
Concen: 20.589 ng
RT: 14.23 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

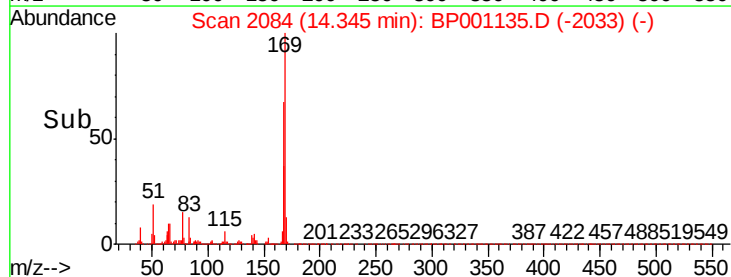
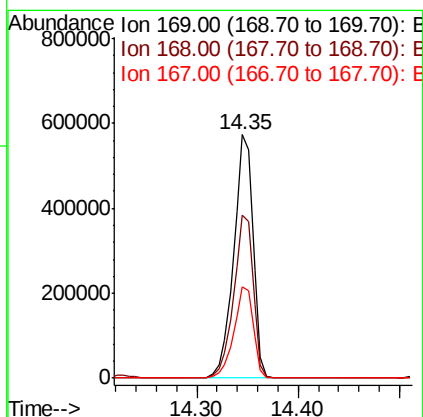
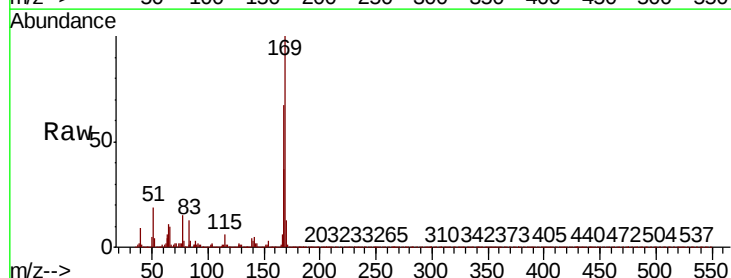
Instrument :
BNA_P
ClientSampleId :

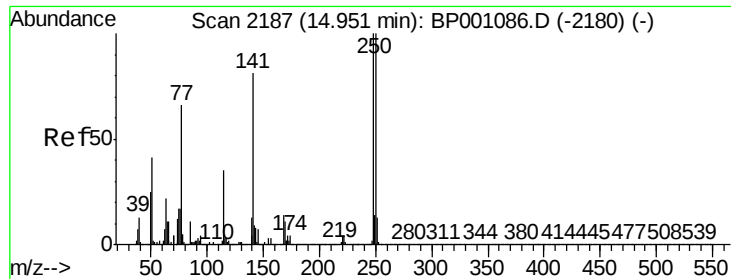
Tot Ion:198 Resp: 36472
Ion Ratio Lower Upper
198 100
51 57.8 40.5 80.5
105 54.6 35.7 75.7



#66
n-Nitrosodiphenylamine
Concen: 48.318 ng
RT: 14.35 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:169 Resp: 758241
Ion Ratio Lower Upper
169 100
168 66.9 54.1 81.1
167 37.4 29.5 44.3

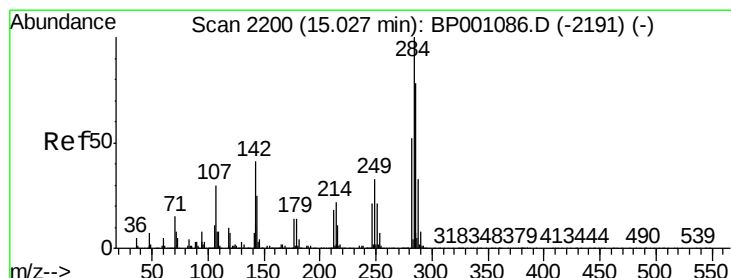
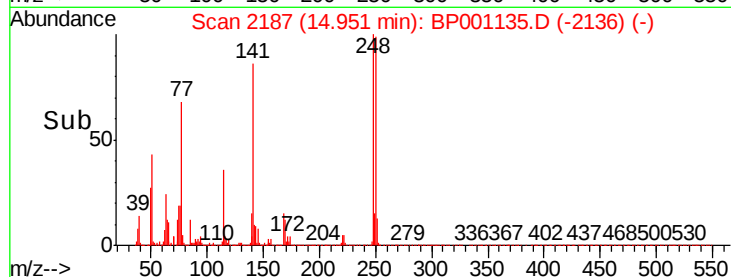
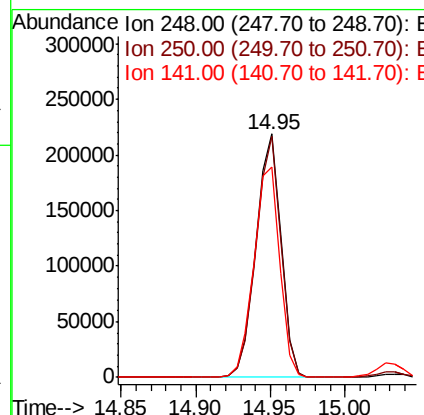
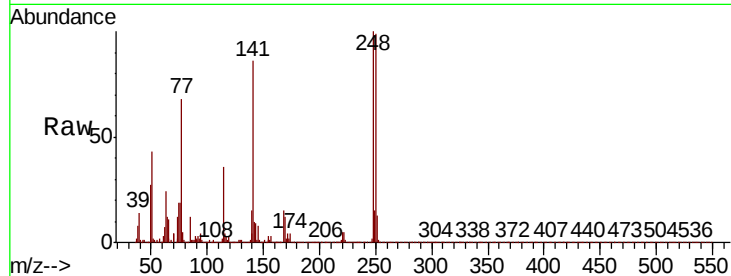




#67
4-Bromophenyl-phenylether
Concen: 45.081 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

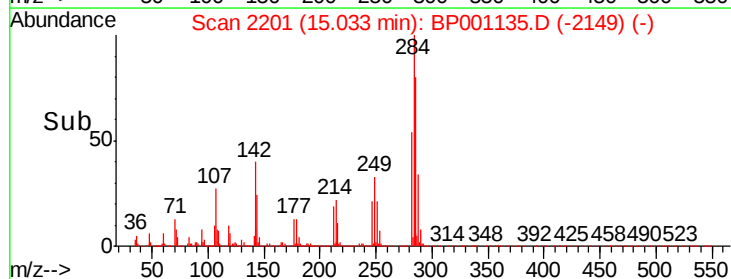
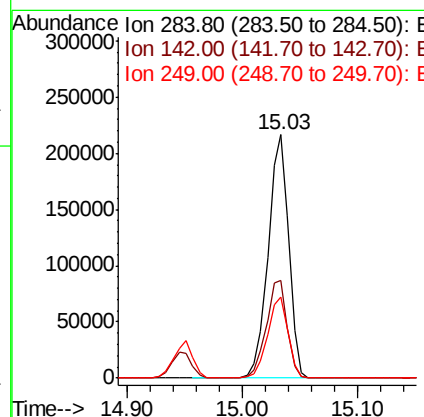
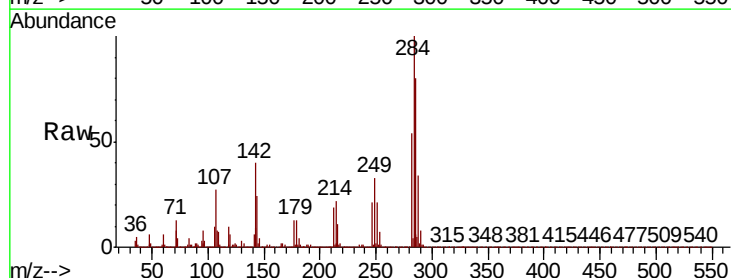
Instrument :
BNA_P
ClientSampled :

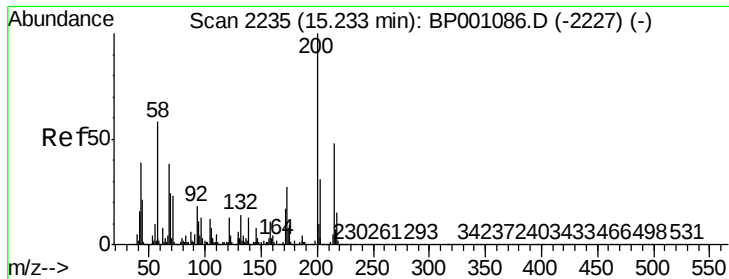
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	80.3	120.5
141	86.3	64.9	97.3



#68
Hexachlorobenzene
Concen: 43.758 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	33.2	49.8
249	33.2	26.2	39.4

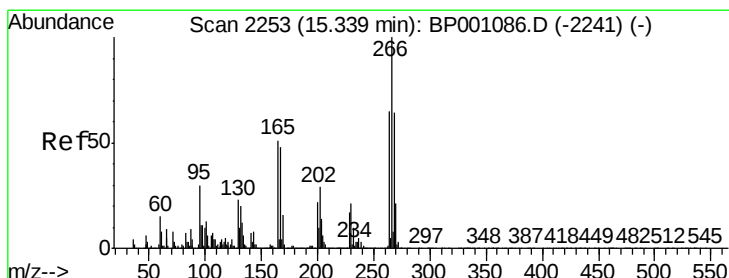
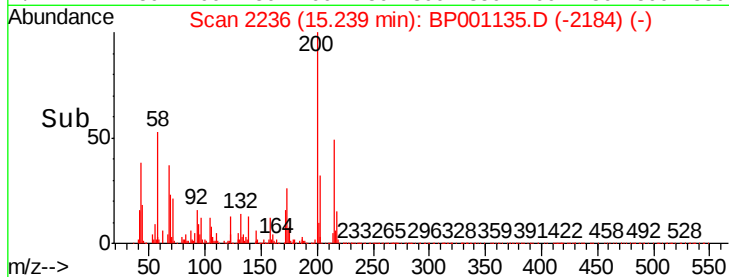
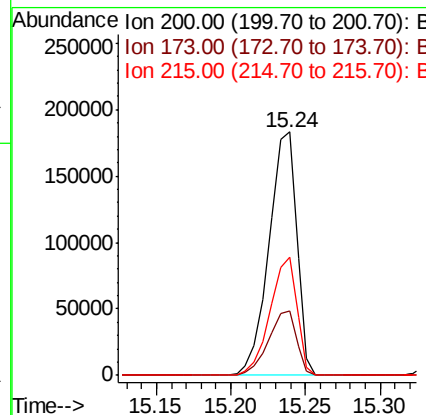
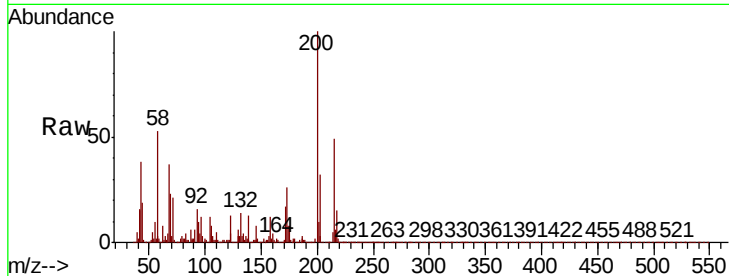




#69
Atrazine
Concen: 49.309 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

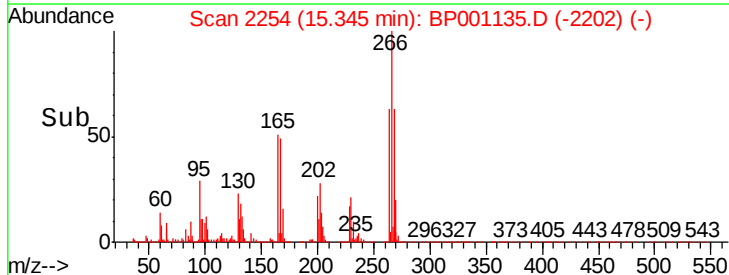
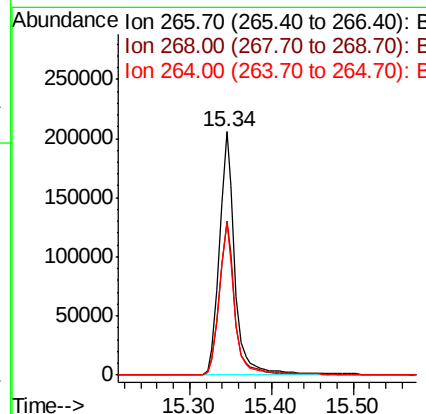
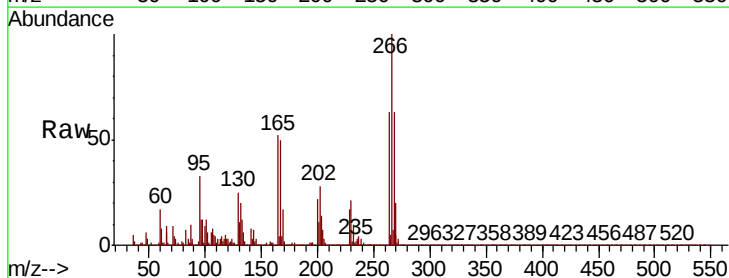
Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 236264
Ion Ratio Lower Upper
200 100
173 26.4 6.7 46.7
215 48.7 27.9 67.9



#70
Pentachlorophenol
Concen: 85.806 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:266 Resp: 275684
Ion Ratio Lower Upper
266 100
268 63.2 51.6 77.4
264 62.8 52.2 78.4

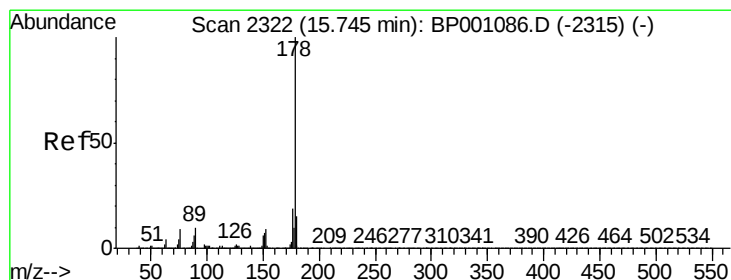
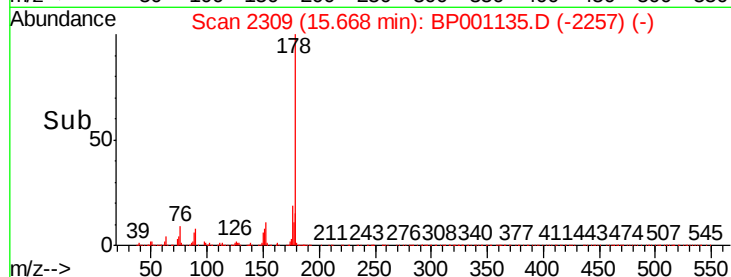
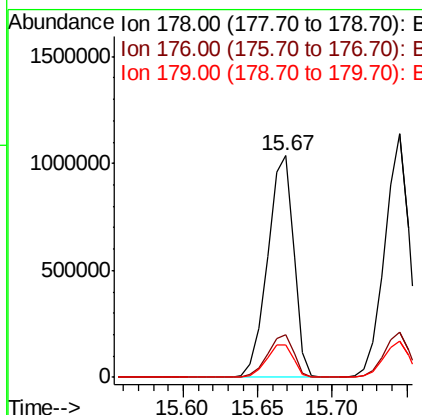
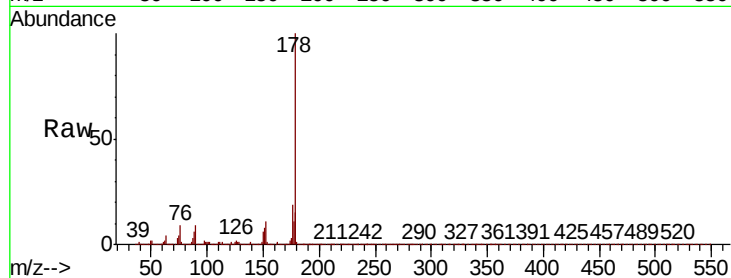




#71
Phenanthrene
Concen: 46.148 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

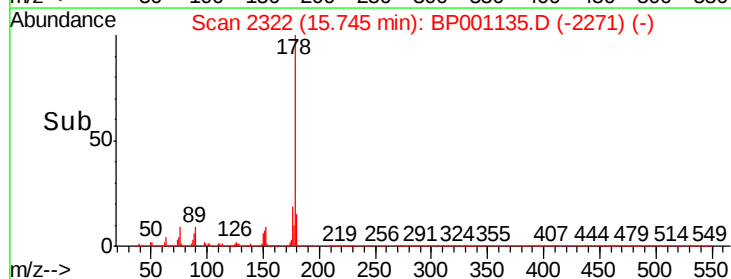
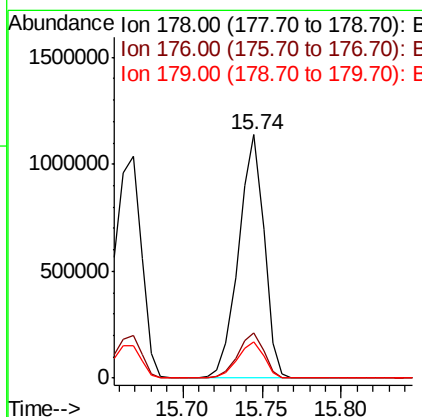
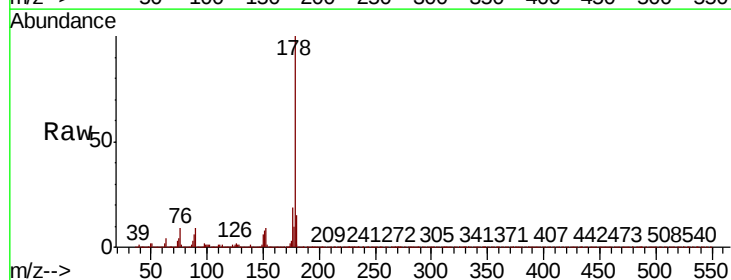
Instrument :
BNA_P
ClientSampleId :

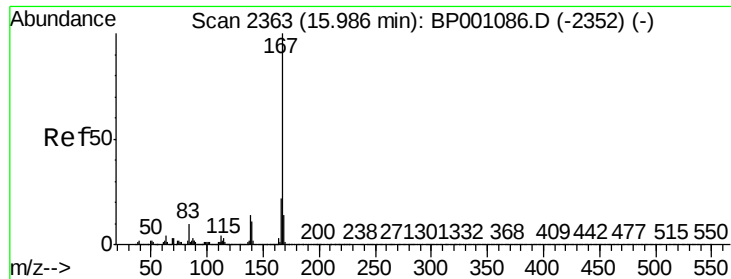
Tot Ion:178 Resp: 1253047
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 14.9 12.5 18.7



#72
Anthracene
Concen: 47.513 ng
RT: 15.74 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:178 Resp: 1271576
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.0 12.2 18.4



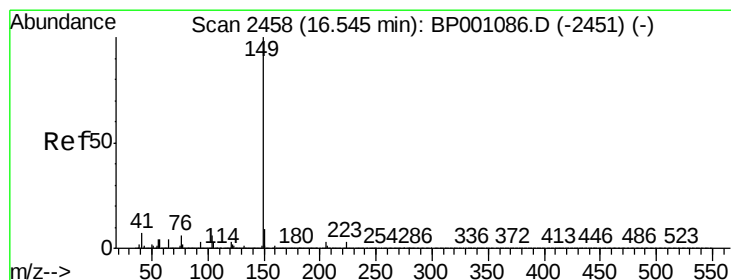
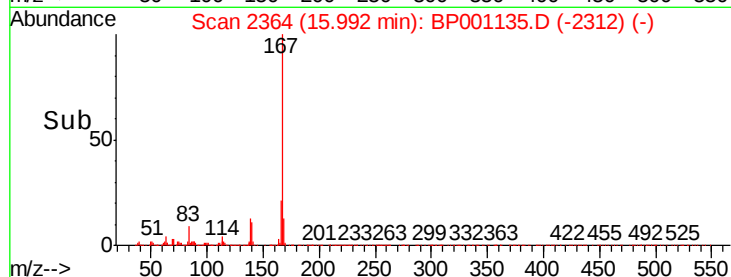
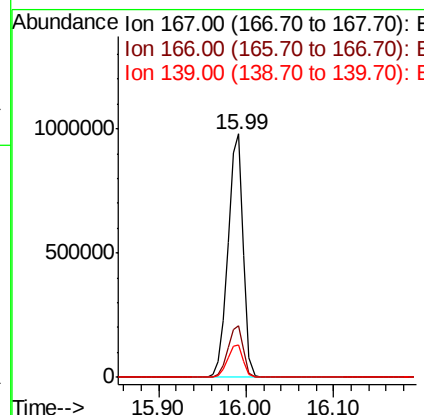
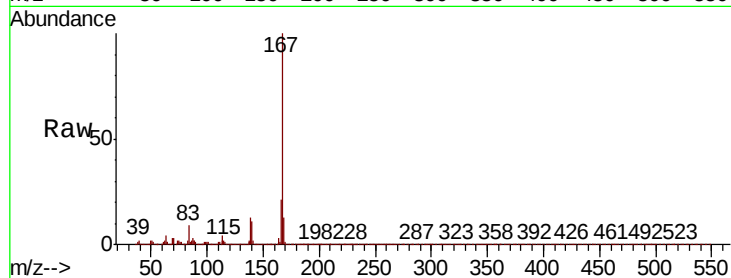


#73
 Carbazole
 Concen: 48.154 ng
 RT: 15.99 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1172692

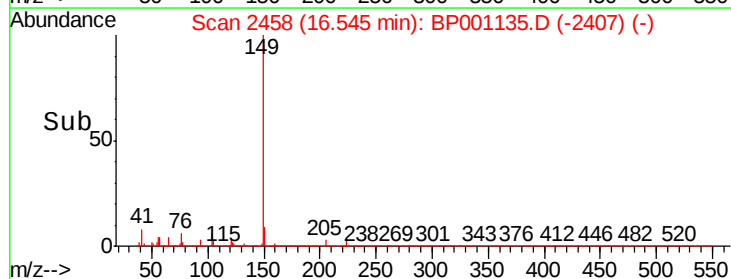
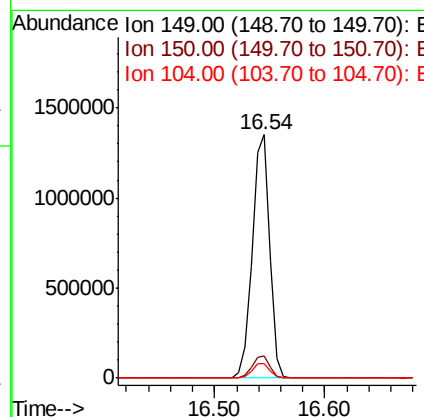
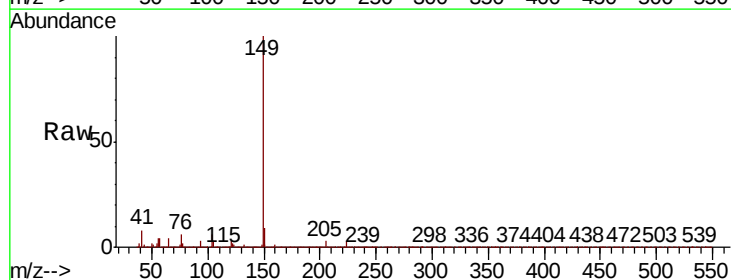
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.3	11.3	16.9

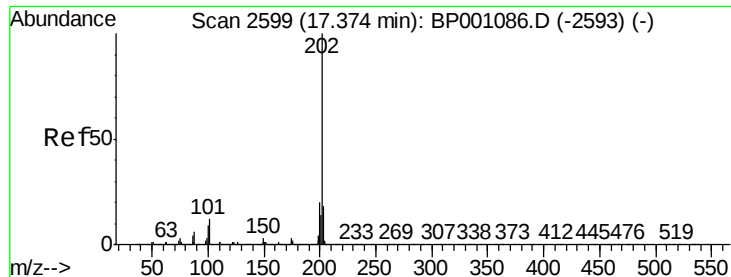


#74
 Di-n-butylphthalate
 Concen: 45.350 ng
 RT: 16.54 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion:149 Resp: 1484923

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 47.232 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

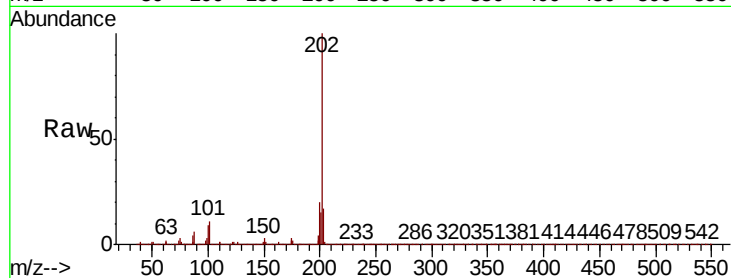
Tot Ion:202 Resp: 1357702

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.1

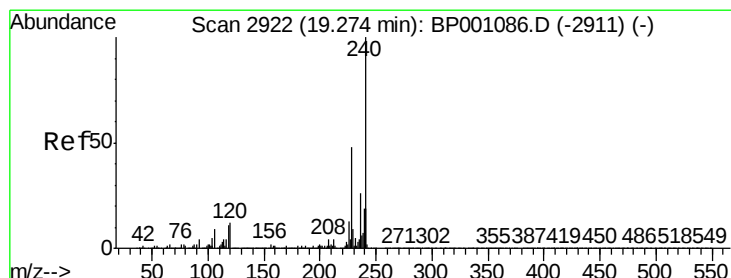
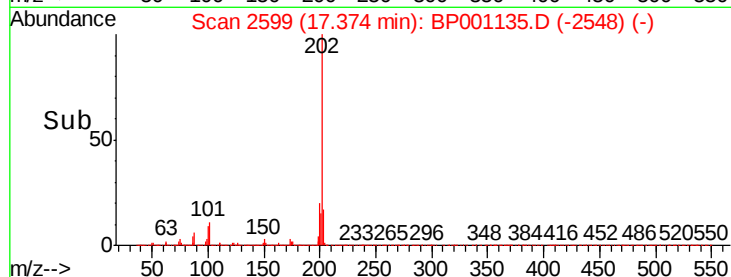
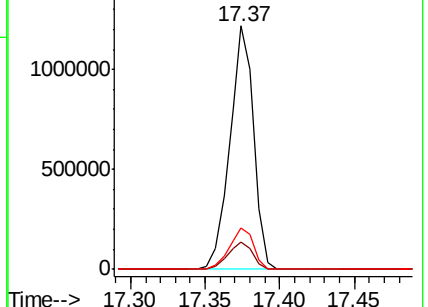
203 16.9 0.0 37.8



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: 19.27 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

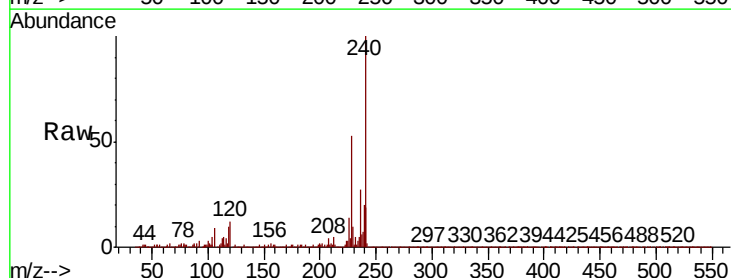
Tgt Ion:240 Resp: 391263

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

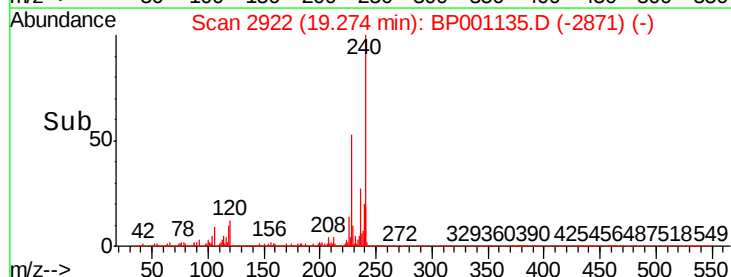
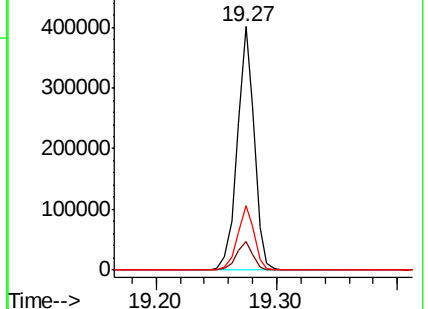
236 26.5 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 102.545 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

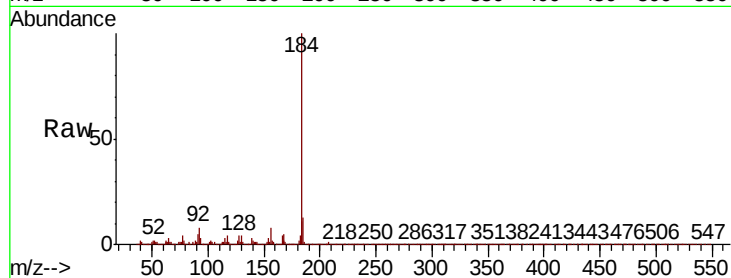
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1035917

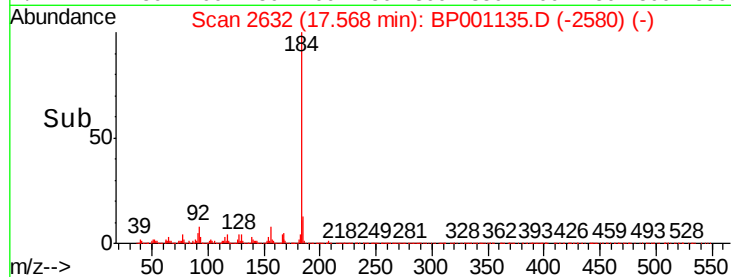
Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.2	18.4
183	11.3	9.3	13.9



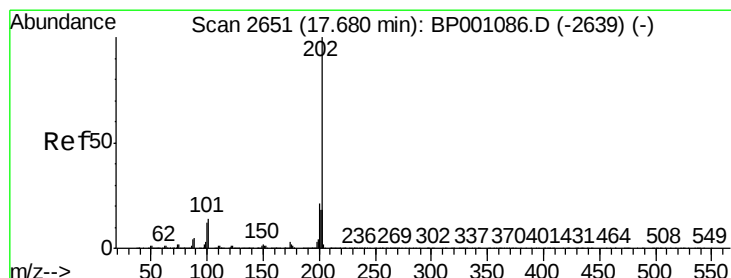
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.454 ng

RT: 17.68 min Scan# 2651

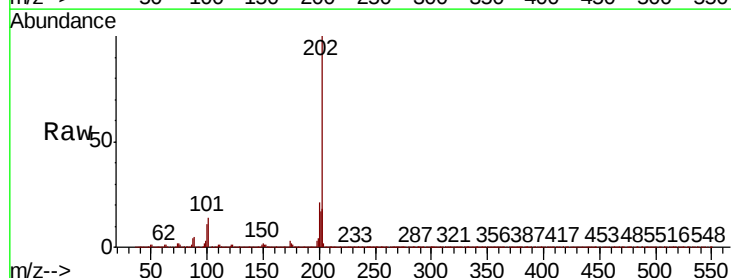
Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:202 Resp: 1369921

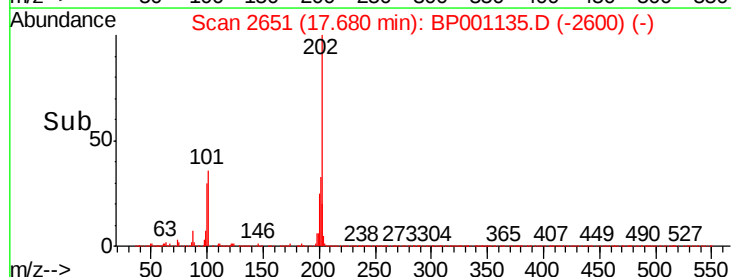
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.8	14.1	21.1



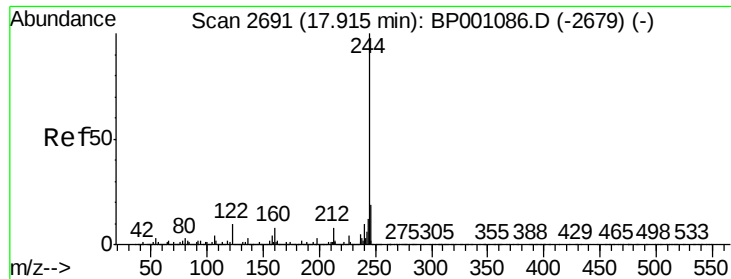
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



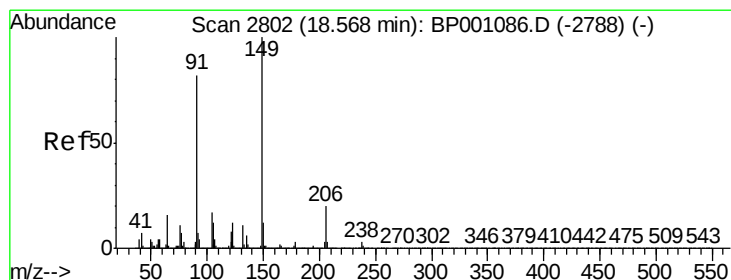
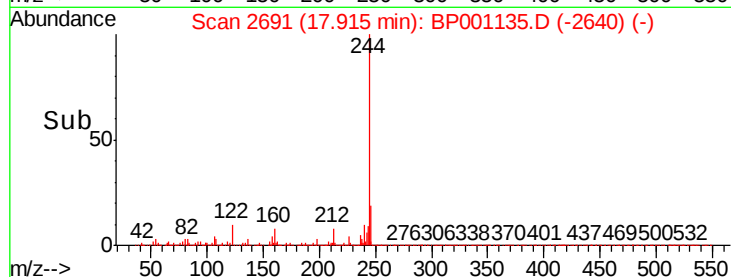
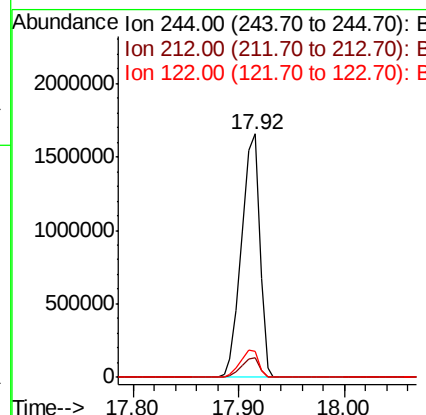
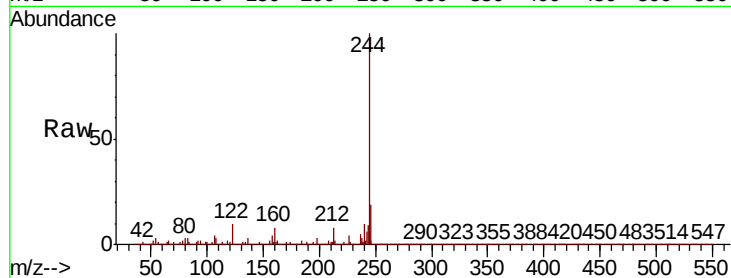
Time-->



#79
 Terphenyl-d14
 Concen: 92.930 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

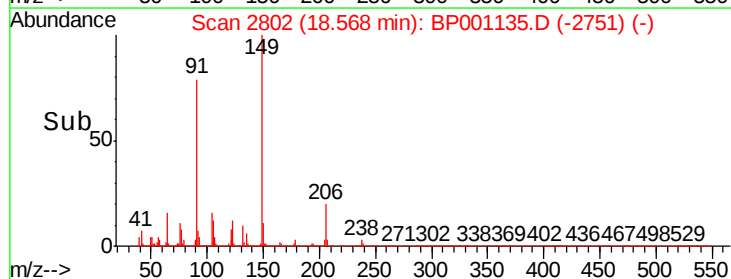
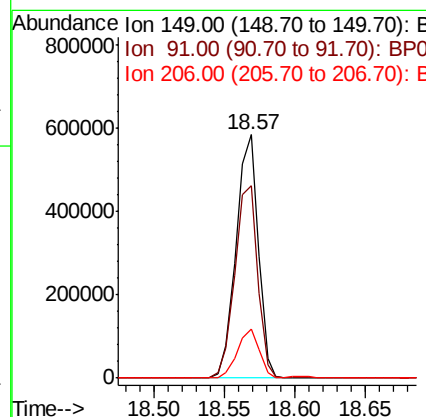
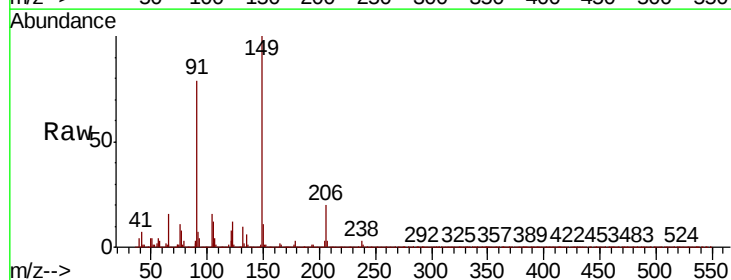
Instrument :
 BNA_P
 ClientSampled :

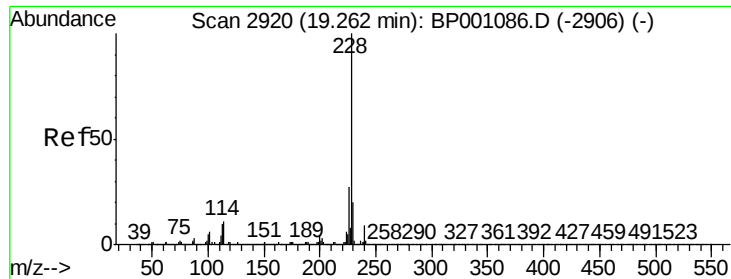
Tot Ion:244 Resp: 1965305
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 44.904 ng
 RT: 18.57 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BP001135.D
 Acq: 02 Dec 2019 19:43

Tgt Ion:149 Resp: 639156
 Ion Ratio Lower Upper
 149 100
 91 79.1 65.4 98.2
 206 20.3 16.0 24.0





#81

Benzo(a)anthracene

Concen: 45.265 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

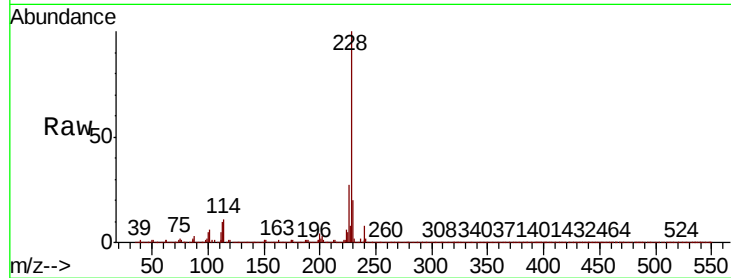
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1227925

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.8	15.8	23.6

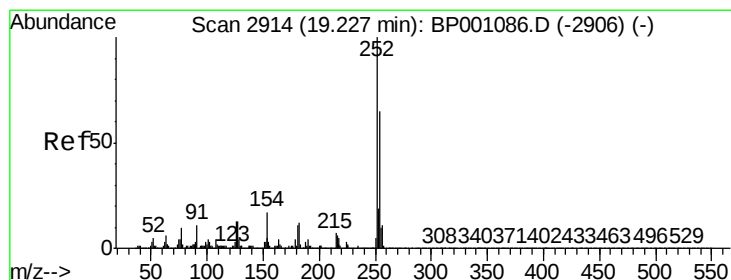
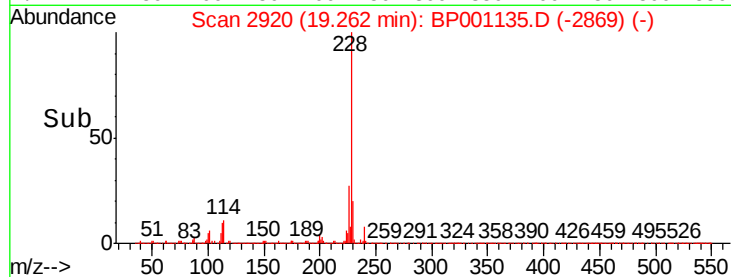
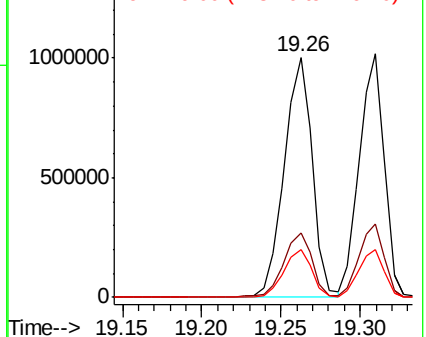


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.149 ng

RT: 19.23 min Scan# 2914

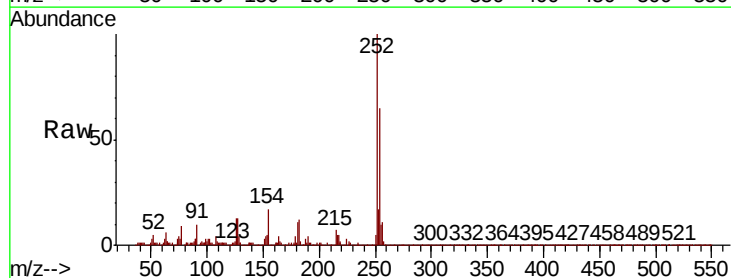
Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:252 Resp: 297077

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	12.7	10.2	15.4

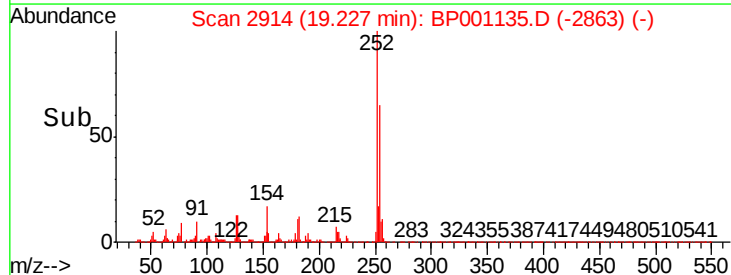
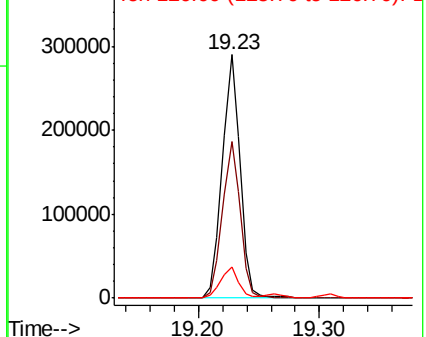


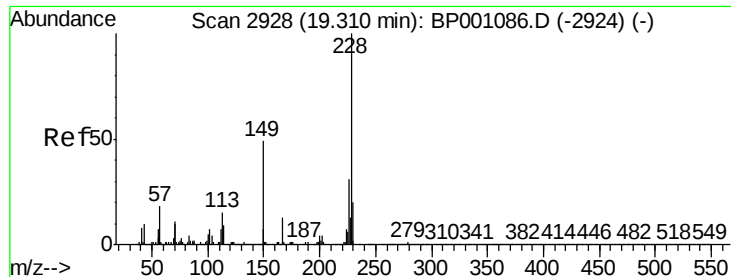
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.796 ng

RT: 19.31 min Scan# 2928

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampled :

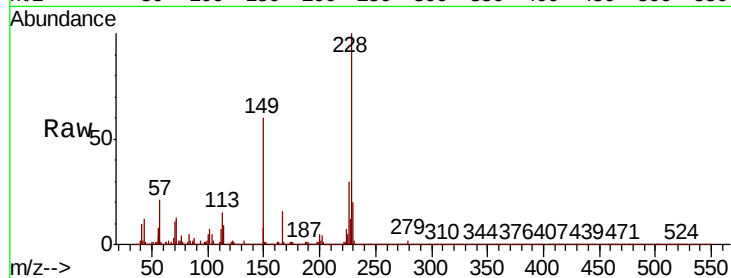
Tot Ion:228 Resp: 1112487

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

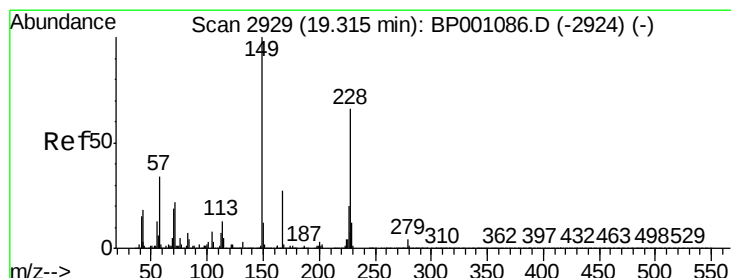
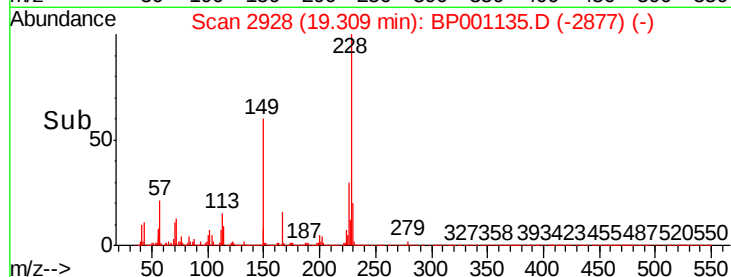
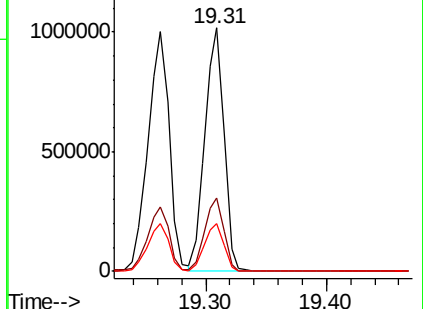
229 19.8 15.7 23.5



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: 43.206 ng

RT: 19.32 min Scan# 2929

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

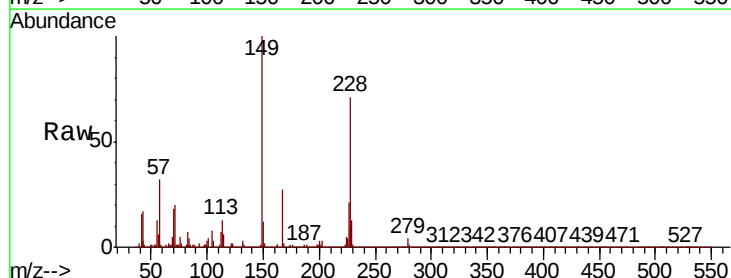
Tgt Ion:149 Resp: 845538

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

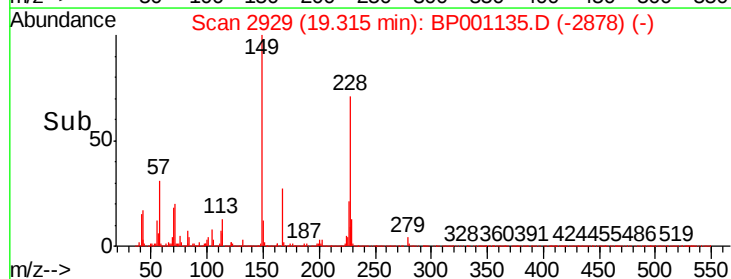
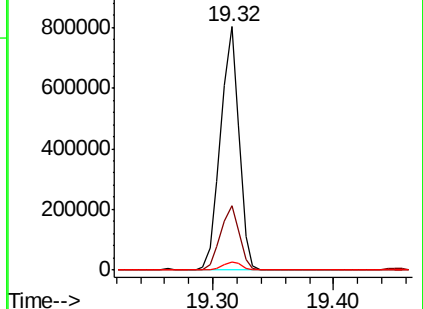
279 3.6 2.8 4.2

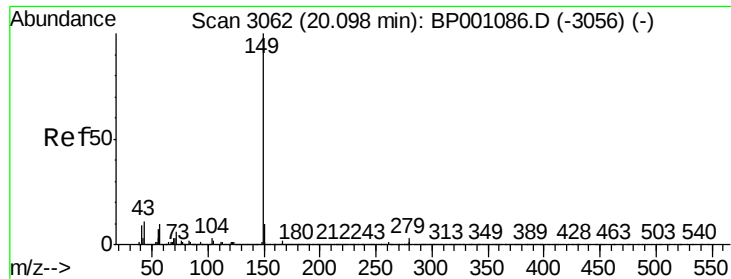


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.882 ng

RT: 20.10 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Instrument :

BNA_P

ClientSampleId :

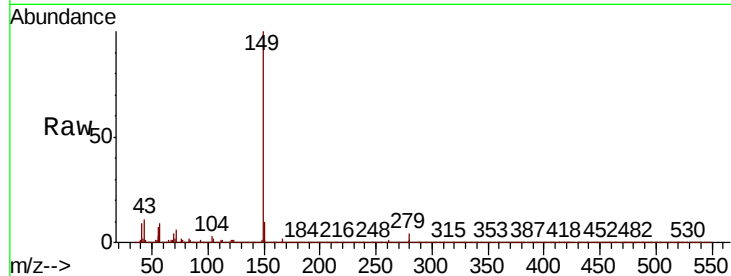
Tot Ion:149 Resp: 1525487

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

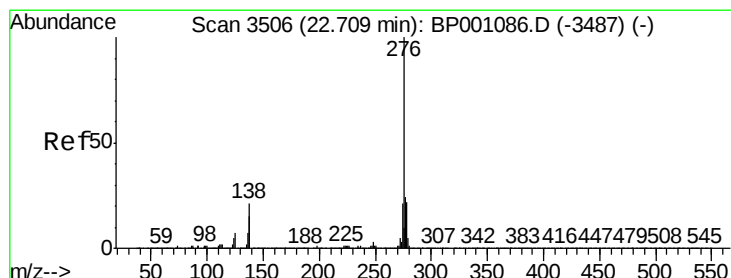
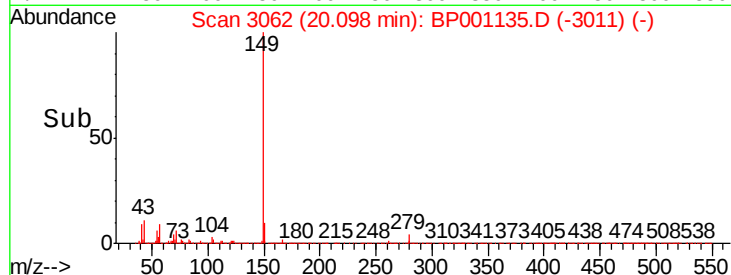
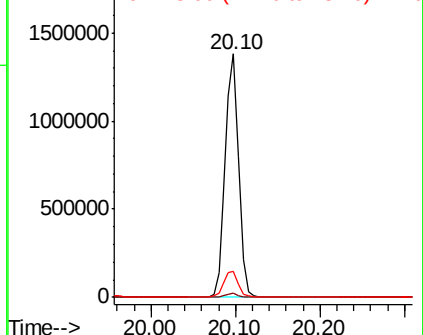
43 11.0 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.906 ng

RT: 22.71 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

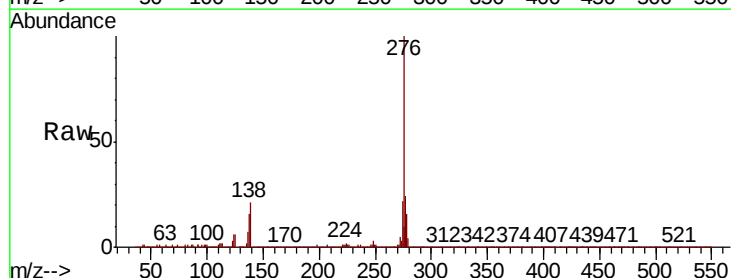
Tgt Ion:276 Resp: 1314220

Ion Ratio Lower Upper

276 100

138 25.2 20.6 30.8

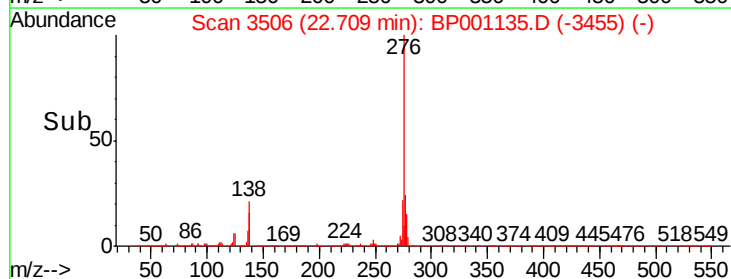
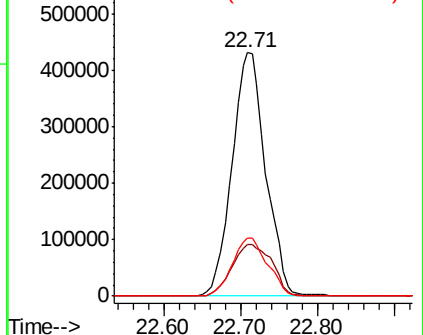
277 25.0 20.0 30.0

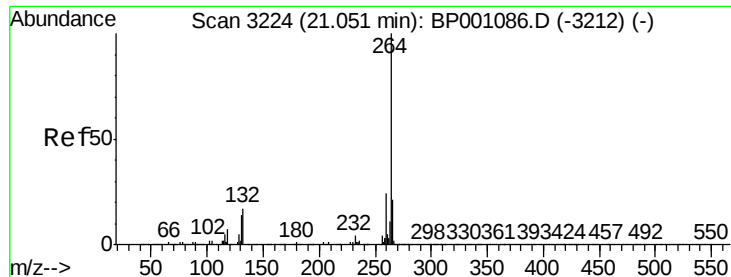


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

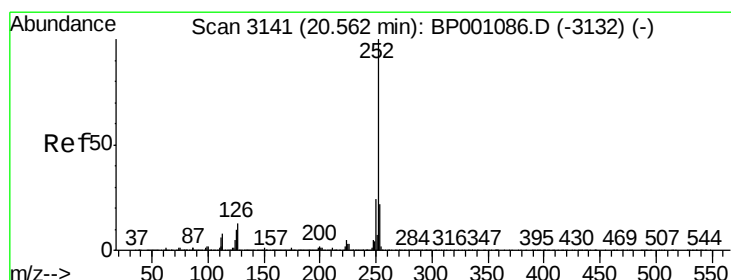
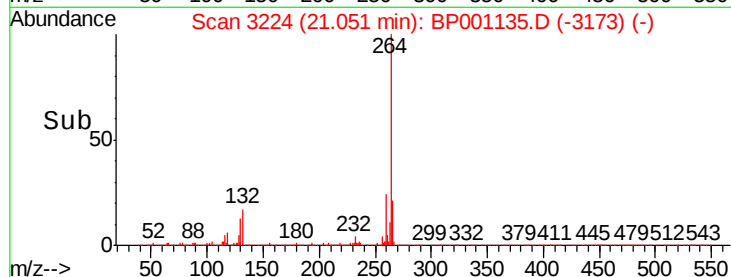
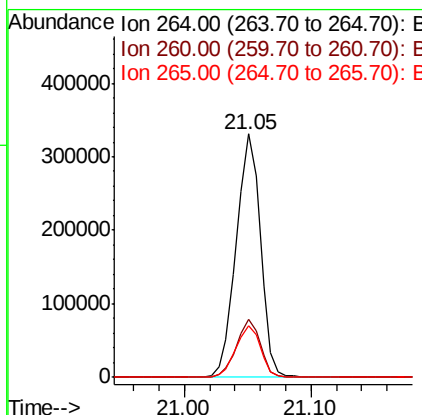
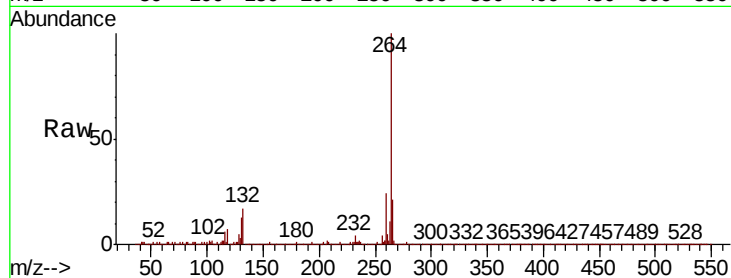




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

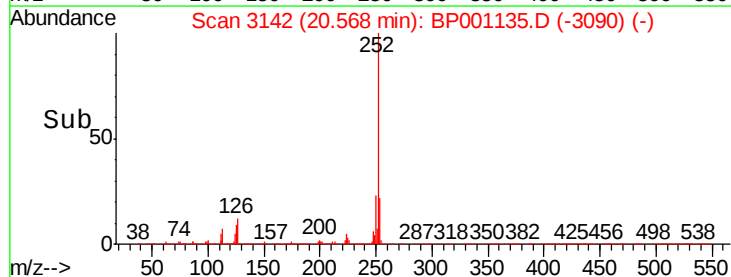
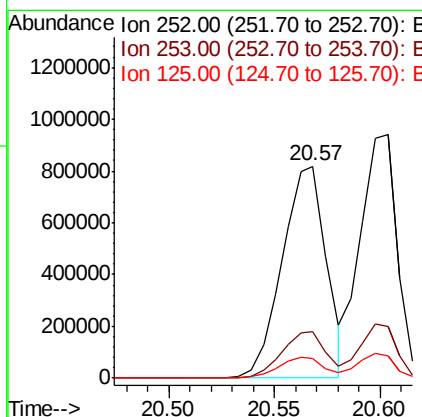
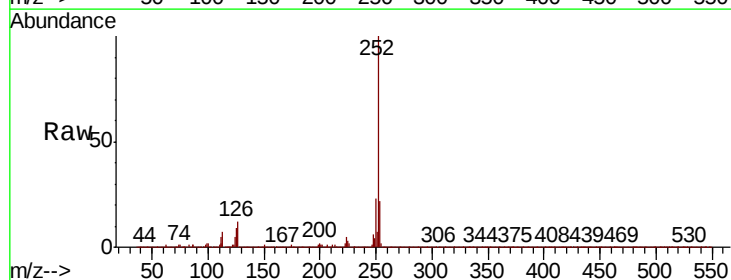
Instrument :
BNA_P
ClientSampleId :

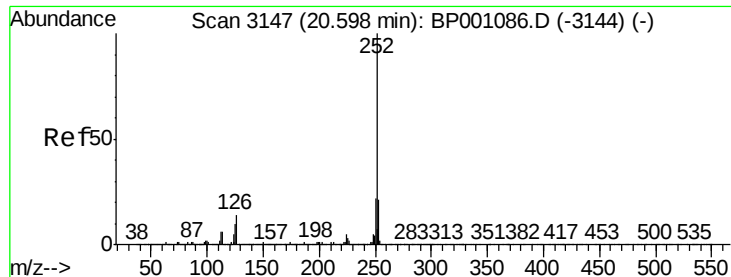
Tot Ion:264 Resp: 436554
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.2 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 44.548 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:252 Resp: 1187854
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.0 8.1 12.1

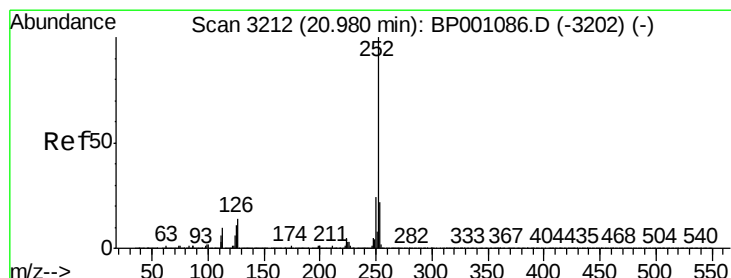
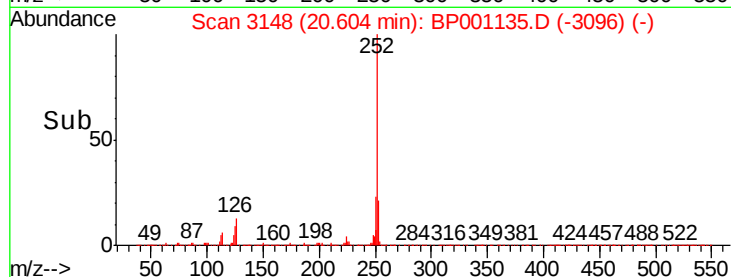
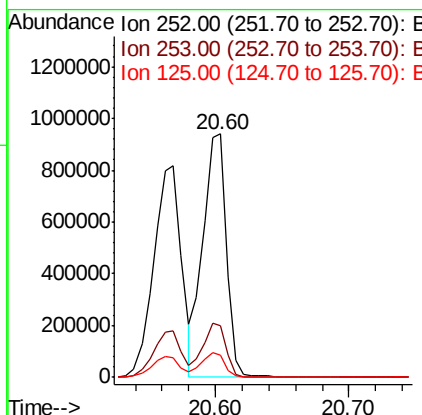
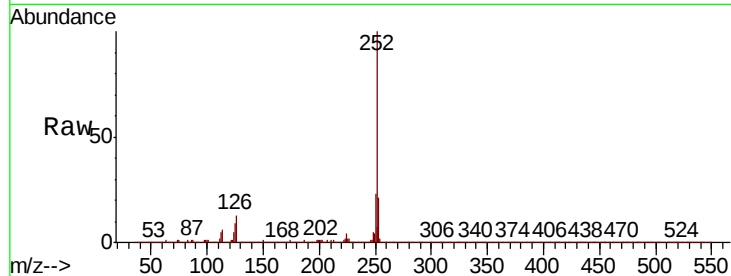




#89
Benzo(k)fluoranthene
Concen: 44.815 ng
RT: 20.60 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

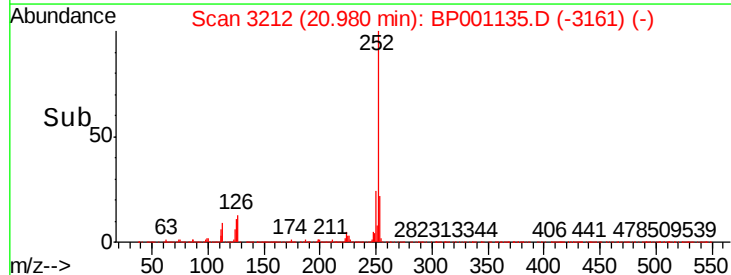
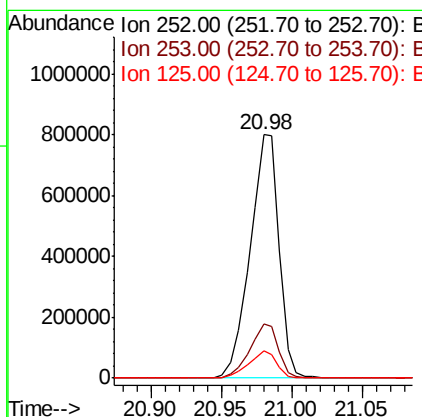
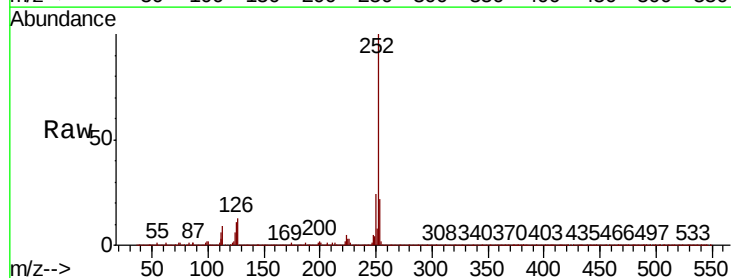
Instrument :
BNA_P
ClientSampleId :

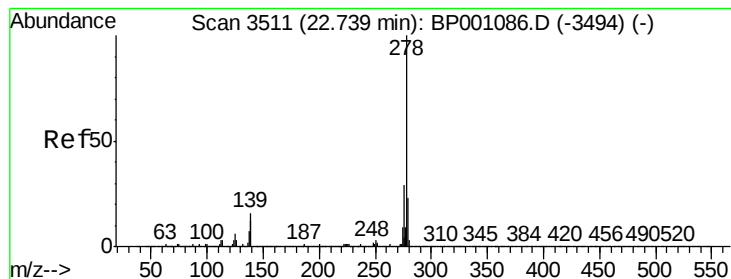
Tot Ion:252 Resp: 1150948
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 8.9 8.2 12.2



#90
Benzo(a)pyrene
Concen: 47.026 ng
RT: 20.98 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BP001135.D
Acq: 02 Dec 2019 19:43

Tgt Ion:252 Resp: 1154992
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.628 ng

RT: 22.74 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

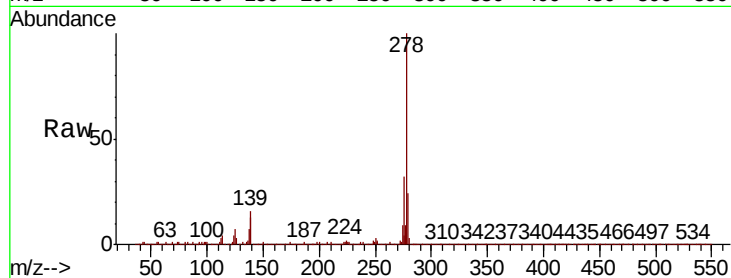
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1096703

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	23.6	18.7	28.1

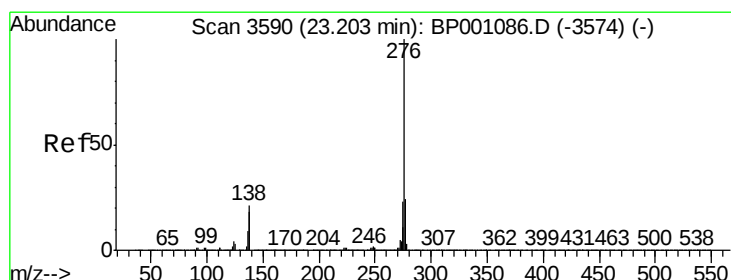
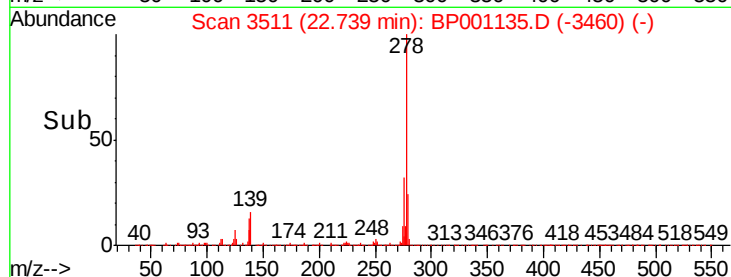
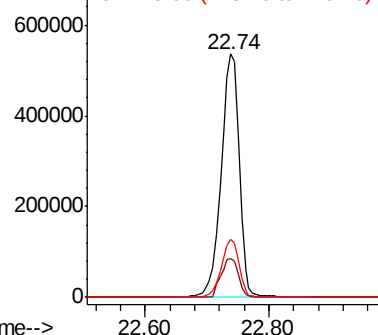


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.941 ng

RT: 23.21 min Scan# 3591

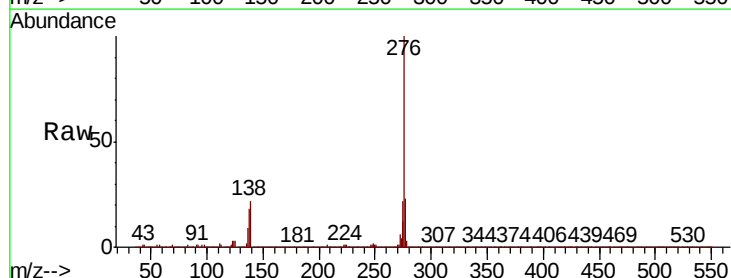
Delta R.T. 0.01 min

Lab File: BP001135.D

Acq: 02 Dec 2019 19:43

Tgt Ion:276 Resp: 1090362

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	21.8	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

