

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001116.D
 Acq On : 28 Nov 2019 09:16
 Operator : JU
 Sample : K5663-04MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 02:43:12 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	162987	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	618415	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	341852	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	634630	20.00	ng	0.00
76) Chrysene-d12	19.27	240	460605	20.00	ng	0.00
87) Perylene-d12	21.05	264	494292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.25	112	1342666	136.67	ng	0.02
7) Phenol-d6	7.78	99	1824870	139.43	ng	0.01
23) Nitrobenzene-d5	9.21	82	1199191	84.13	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	433268	132.23	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1946108	83.32	ng	0.00
79) Terphenyl-d14	17.91	244	2220820	89.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	178065	38.805	ng	# 85
3) Pyridine	3.59	79	427946	33.609	ng	98
4) n-Nitrosodimethylamine	3.46	42	260603	47.297	ng	88
6) Aniline	7.80	93	218838	12.611	ng	# 1
8) 2-Chlorophenol	7.99	128	479694	47.195	ng	98
9) Benzaldehyde	7.62	77	188263	21.330	ng	97
10) Phenol	7.80	94	672897	45.200	ng	91
11) bis(2-Chloroethyl)ether	7.93	93	521979	45.027	ng	99
12) 1,3-Dichlorobenzene	8.23	146	496966	41.251	ng	99
13) 1,4-Dichlorobenzene	8.35	146	510620	42.075	ng	99
14) 1,2-Dichlorobenzene	8.59	146	478452	41.890	ng	98
15) Benzyl Alcohol	8.56	79	517065	48.128	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	783754	42.052	ng	98
17) 2-Methylphenol	8.75	107	439792	47.170	ng	98
18) Hexachloroethane	9.13	117	206265	41.085	ng	96
19) n-Nitroso-di-n-propylamine	9.00	70	425151	45.018	ng	97
20) 3+4-Methylphenols	9.00	107	558317	47.504	ng	96
22) Acetophenone	8.98	105	779366	42.879	ng	# 98
24) Nitrobenzene	9.24	77	636499	44.907	ng	99
25) Isophorone	9.64	82	1169943	45.772	ng	99
26) 2-Nitrophenol	9.75	139	236304	45.516	ng	100
27) 2,4-Dimethylphenol	9.85	122	443714	53.956	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	676570	42.189	ng	100
29) 2,4-Dichlorophenol	10.14	162	431096	46.059	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	444786	40.687	ng	99
31) Naphthalene	10.40	128	1374646	43.524	ng	99
32) Benzoic acid	10.03	122	222706	37.460	ng	96
33) 4-Chloroaniline	10.49	127	85050	6.205	ng	98
34) Hexachlorobutadiene	10.62	225	273951	39.836	ng	99
35) Caprolactam	11.07	113	84072	26.063	ng	98
36) 4-Chloro-3-methylphenol	11.31	107	512092	46.147	ng	99
37) 2-Methylnaphthalene	11.53	142	943651	43.786	ng	98
38) 1-Methylnaphthalene	11.69	142	895232	43.973	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	440196	40.860	ng	99

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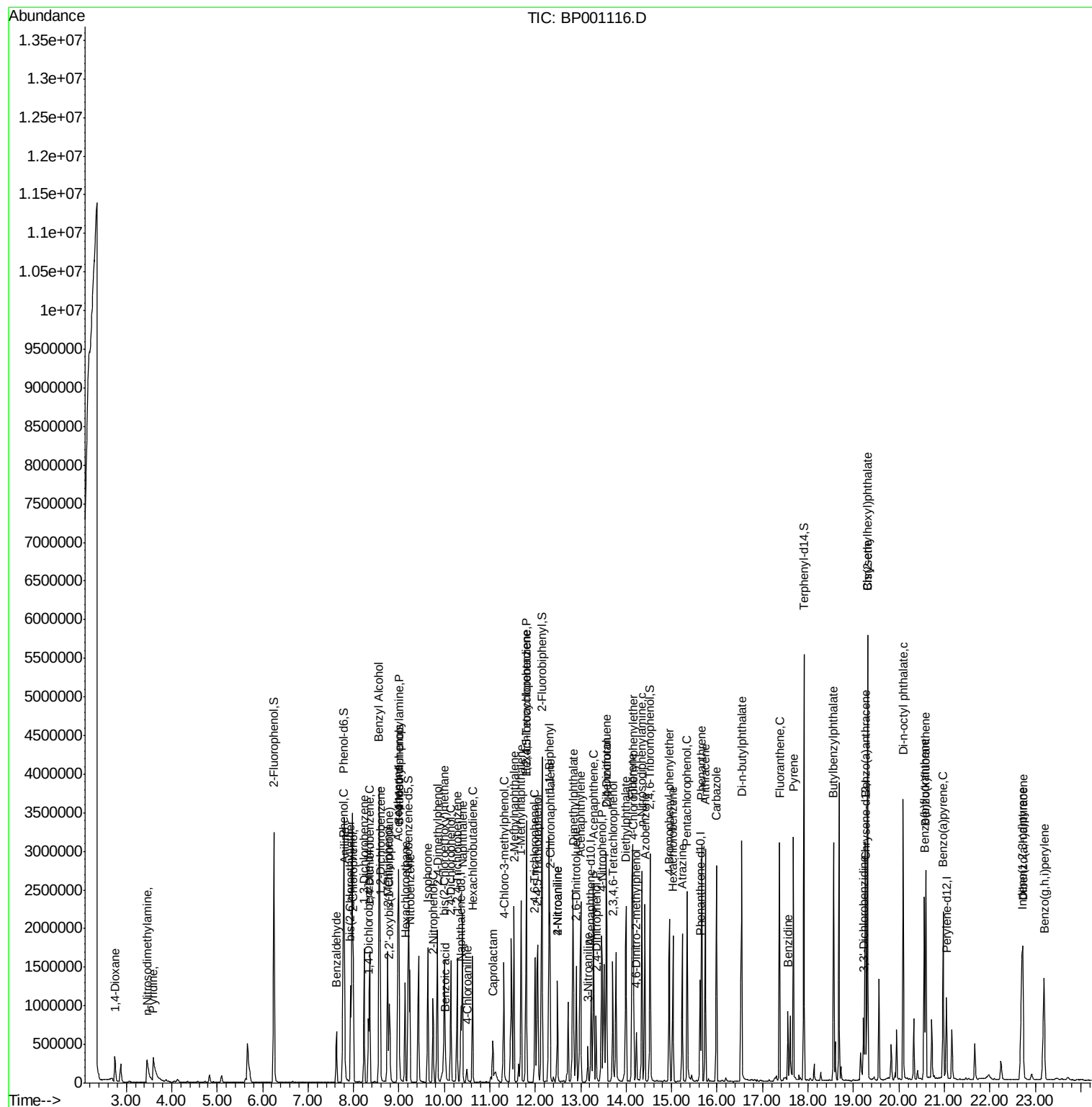
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	423641	85.239	ng	99
43) 2,4,6-Trichlorophenol	12.00	196	318667	45.302	ng	100
44) 2,4,5-Trichlorophenol	12.06	196	327657	44.957	ng	98
46) 1,1'-Biphenyl	12.30	154	1143880	43.297	ng	99
47) 2-Chloronaphthalene	12.32	162	874624	41.445	ng	99
48) 2-Nitroaniline	12.49	65	343432	41.523	ng	97
49) Acenaphthylene	13.00	152	1406413	44.461	ng	100
50) Dimethylphthalate	12.83	163	1214401	47.498	ng	100
51) 2,6-Dinitrotoluene	12.90	165	243350	44.463	ng	97
52) Acenaphthene	13.28	154	820760	43.134	ng	100
53) 3-Nitroaniline	13.16	138	78323	12.739	ng	96
54) 2,4-Dinitrophenol	13.34	184	117550	55.019	ng	93
55) Dibenzofuran	13.57	168	1255013	43.891	ng	98
56) 4-Nitrophenol	13.46	139	393077	90.226	ng	91
57) 2,4-Dinitrotoluene	13.56	165	307908	44.883	ng	90
58) Fluorene	14.13	166	990626	43.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.70	232	254301	42.447	ng	94
60) Diethylphthalate	14.00	149	1141283	43.111	ng	100
61) 4-Chlorophenyl-phenylether	14.15	204	497596	42.649	ng	98
62) 4-Nitroaniline	12.49	138	294738	41.349	ng	98
63) Azobenzene	14.41	77	1250335	43.694	ng	98
65) 4,6-Dinitro-2-methylphenol	14.23	198	97316	37.355	ng	92
66) n-Nitrosodiphenylamine	14.35	169	874679	45.360	ng	99
67) 4-Bromophenyl-phenylether	14.95	248	298471	43.320	ng	93
68) Hexachlorobenzene	15.03	284	319632	42.197	ng	99
69) Atrazine	15.24	200	305578	51.902	ng	98
70) Pentachlorophenol	15.34	266	353196	89.464	ng	99
71) Phenanthrene	15.66	178	1442950	43.248	ng	99
72) Anthracene	15.74	178	1499148	45.587	ng	99
73) Carbazole	15.99	167	1326733	44.336	ng	99
74) Di-n-butylphthalate	16.54	149	1792686	44.556	ng	99
75) Fluoranthene	17.37	202	1568319	44.401	ng	99
77) Benzidine	17.56	184	389916	32.787	ng	98
78) Pyrene	17.68	202	1572156	43.336	ng	99
80) Butylbenzylphthalate	18.56	149	760506	45.386	ng	97
81) Benzo(a)anthracene	19.26	228	1414461	44.291	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	178168	16.888	ng	98
83) Chrysene	19.30	228	1262613	44.152	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1067759	46.348	ng	98
85) Di-n-octyl phthalate	20.09	149	1927296	47.094	ng	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1484011	44.033	ng	100
88) Benzo(b)fluoranthene	20.56	252	1334826	44.212	ng	100
89) Benzo(k)fluoranthene	20.59	252	1324503	45.549	ng	99
90) Benzo(a)pyrene	20.97	252	1221462	43.923	ng	99
91) Dibenzo(a,h)anthracene	22.73	278	1248856	45.890	ng	99
92) Benzo(g,h,i)perylene	23.20	276	1259484	46.869	ng	98

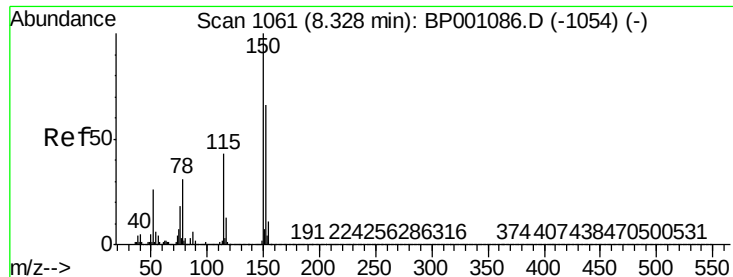
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

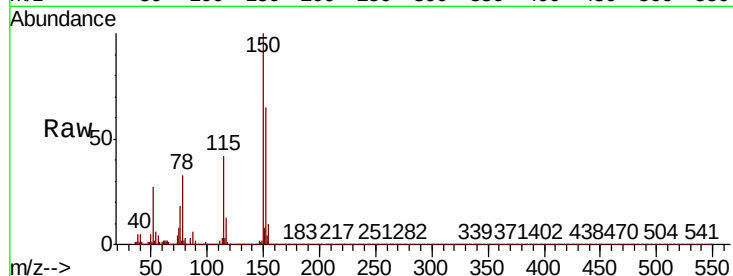
Tot Ion:152 Resp: 162987

Ion Ratio Lower Upper

152 100

150 154.9 120.6 181.0

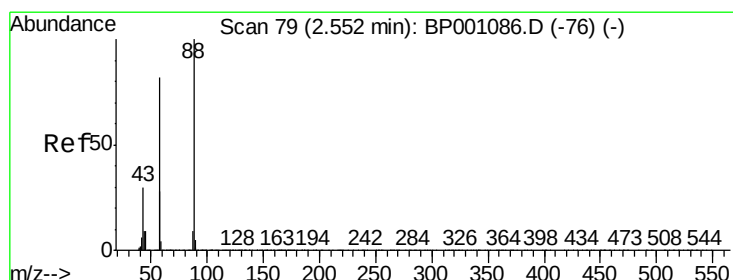
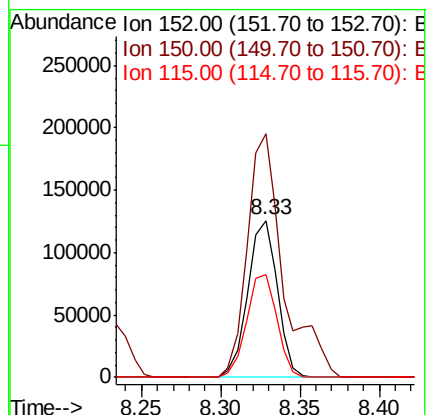
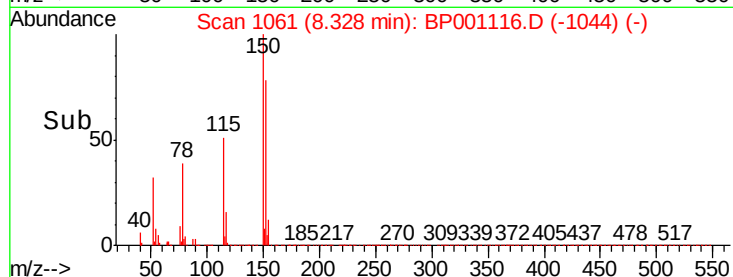
115 65.7 51.6 77.4



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: 38.805 ng

RT: 2.75 min Scan# 113

Delta R.T. 0.20 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

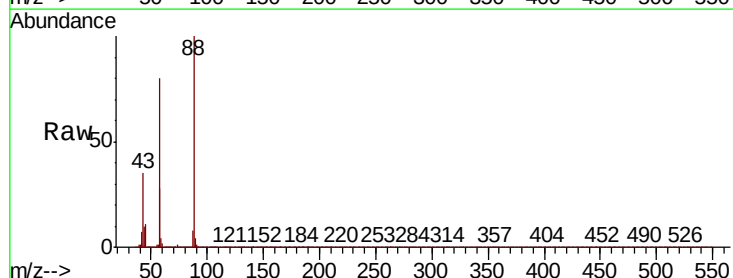
Tgt Ion: 88 Resp: 178065

Ion Ratio Lower Upper

88 100

58 80.7 64.3 96.5

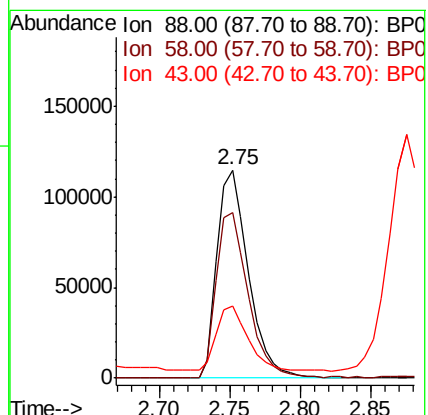
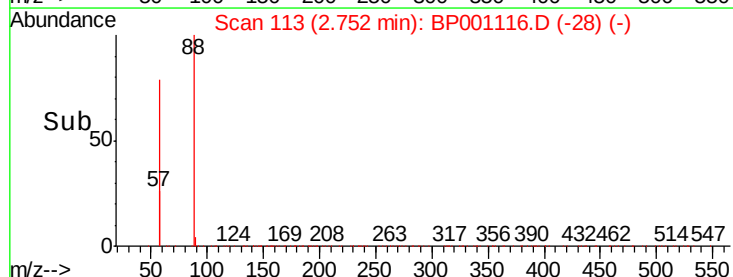
43 0.0 23.8 35.6#

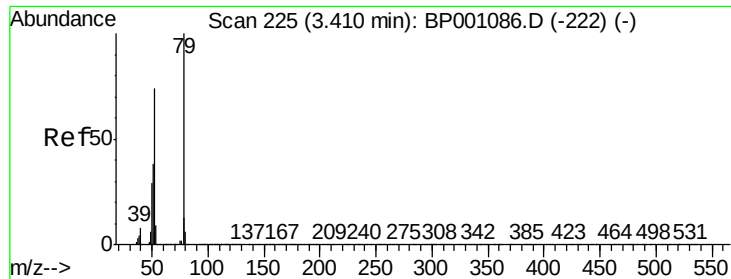


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.609 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.18 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

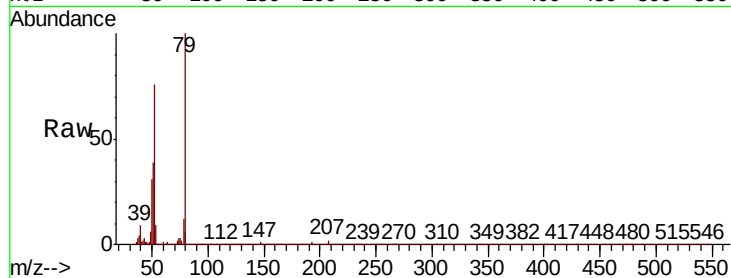
Tot Ion: 79 Resp: 427946

Ion Ratio Lower Upper

79 100

52 76.3 59.4 89.2

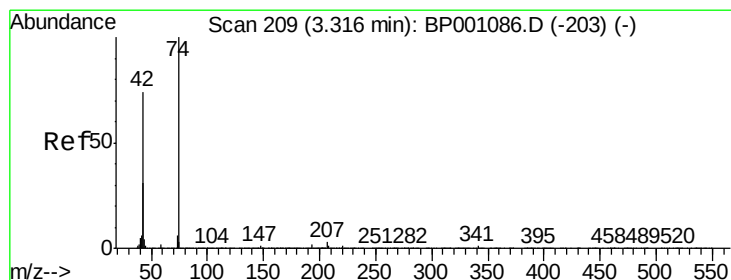
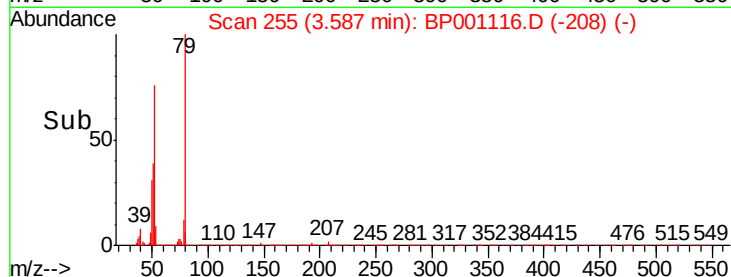
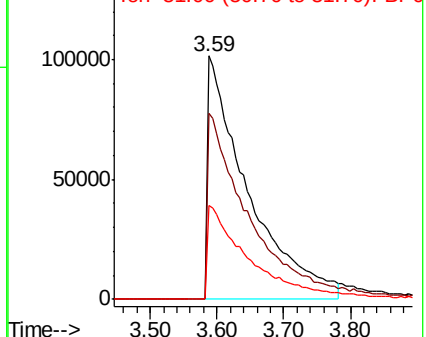
51 38.6 30.2 45.4



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 47.297 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.14 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

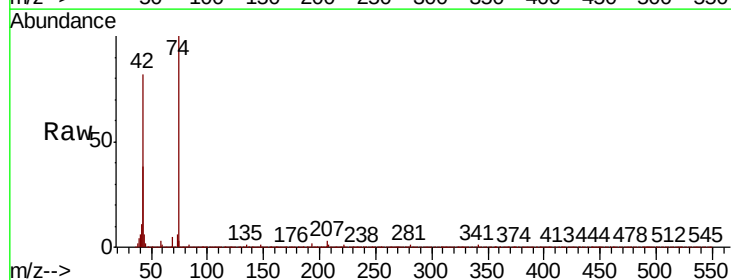
Tgt Ion: 42 Resp: 260603

Ion Ratio Lower Upper

42 100

74 121.5 108.6 163.0

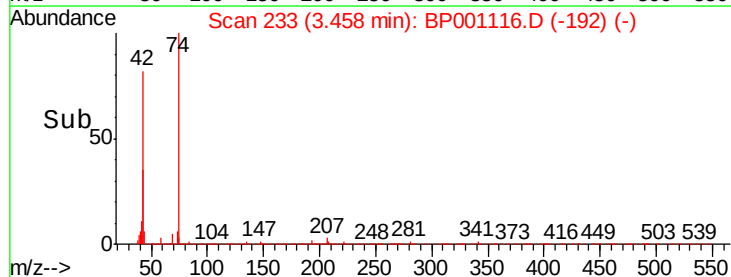
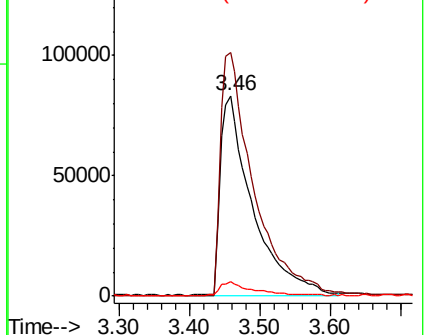
44 7.4 5.1 7.7

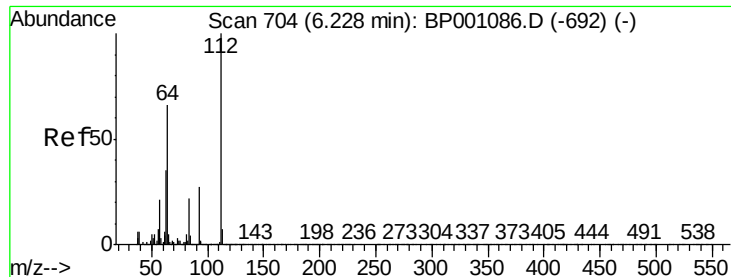


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 136.673 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.02 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

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ClientSampleId :

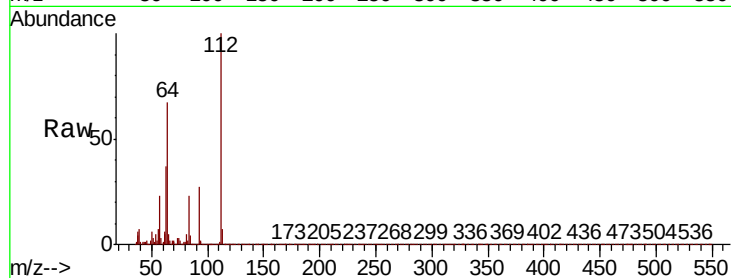
Tot Ion:112 Resp: 1342666

Ion Ratio Lower Upper

112 100

64 67.4 52.8 79.2

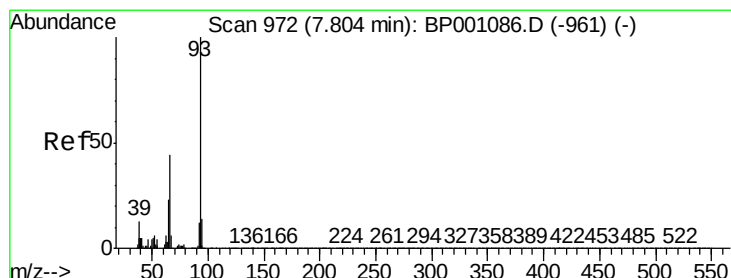
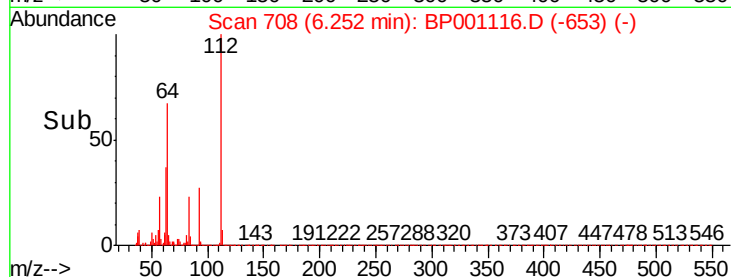
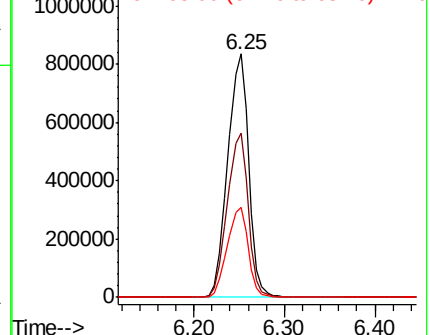
63 36.8 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 12.611 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

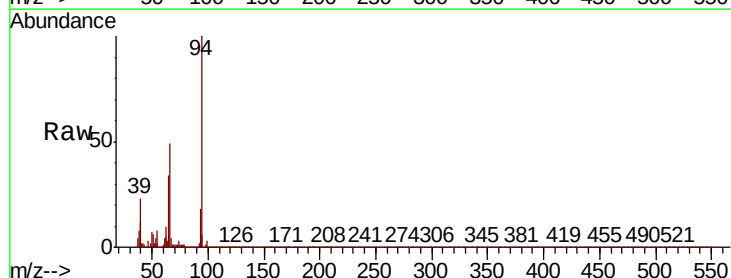
Tgt Ion: 93 Resp: 218838

Ion Ratio Lower Upper

93 100

66 267.6 34.9 52.3#

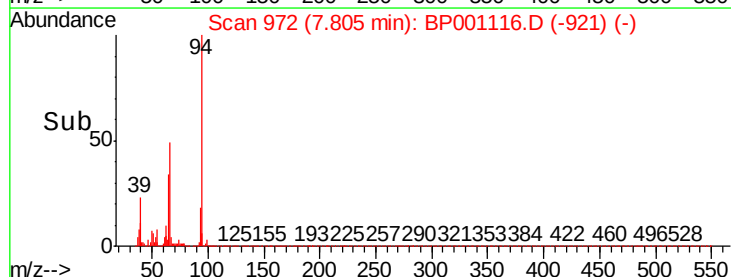
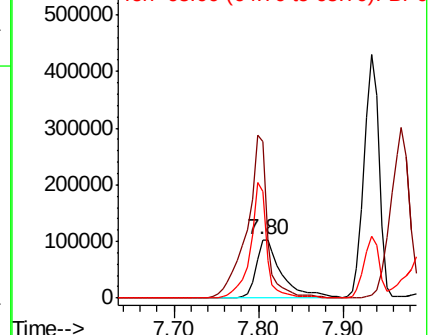
65 183.7 18.5 27.7#

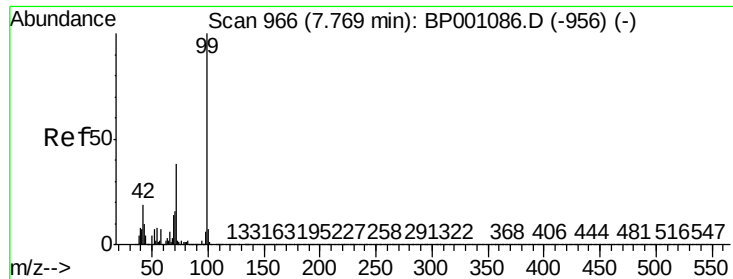


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 139.432 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

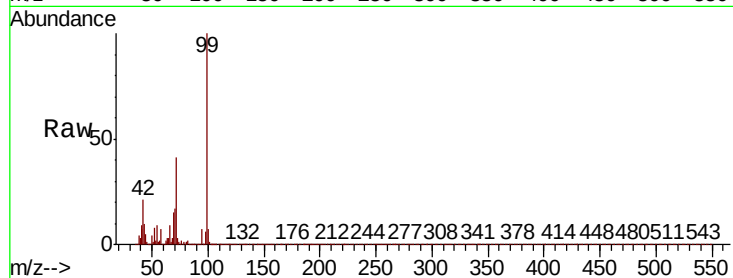
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1824870

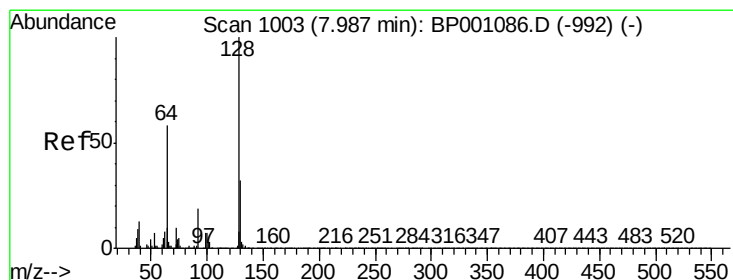
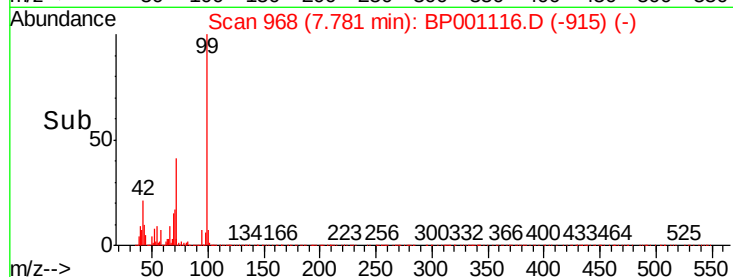
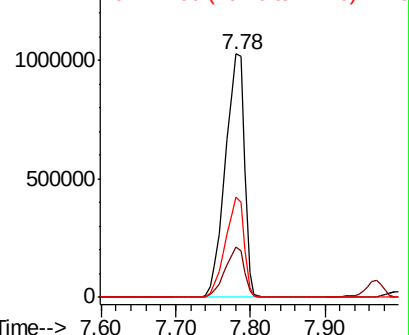
Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.4	23.0
71	40.9	30.8	46.2



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: 47.195 ng

RT: 7.99 min Scan# 1004

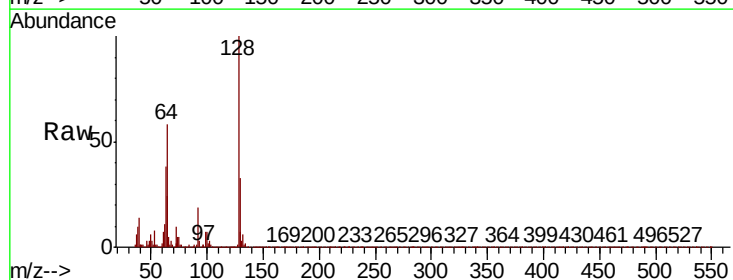
Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion: 128 Resp: 479694

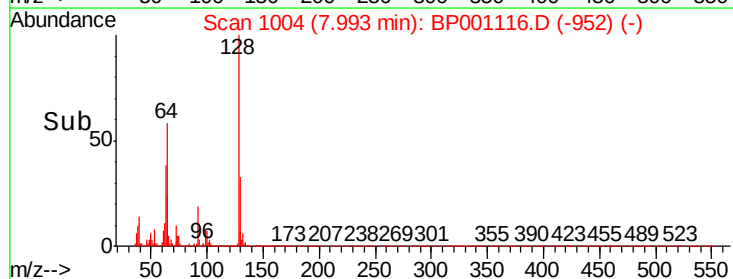
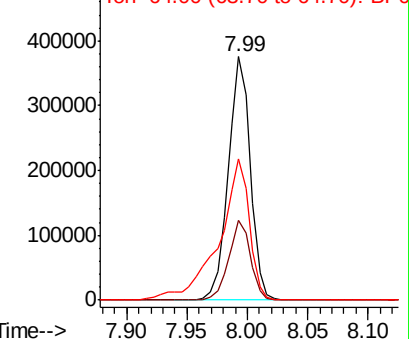
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.7	51.7
64	57.8	39.7	79.7

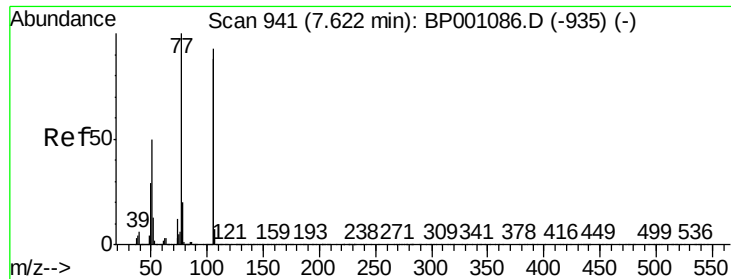


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 21.330 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

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ClientSampleId :

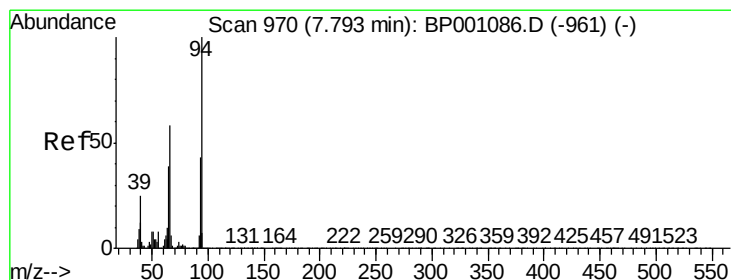
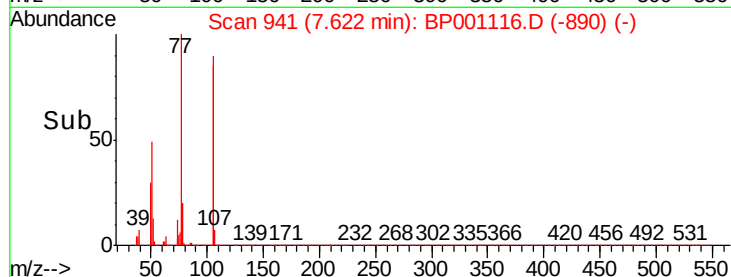
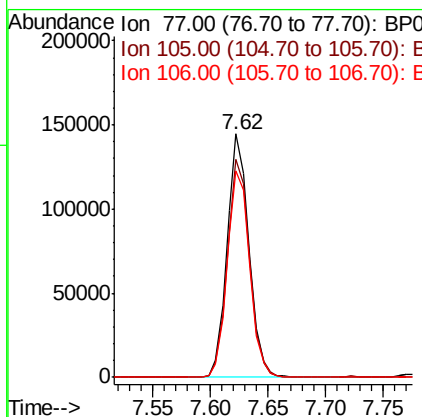
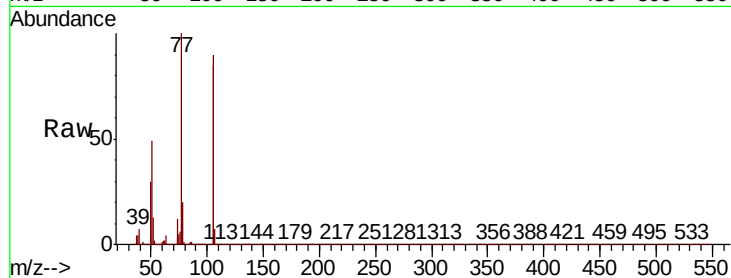
Tot Ion: 77 Resp: 188263

Ion Ratio Lower Upper

77 100

105 89.8 72.5 112.5

106 84.9 67.6 107.6



#10

Phenol

Concen: 45.200 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

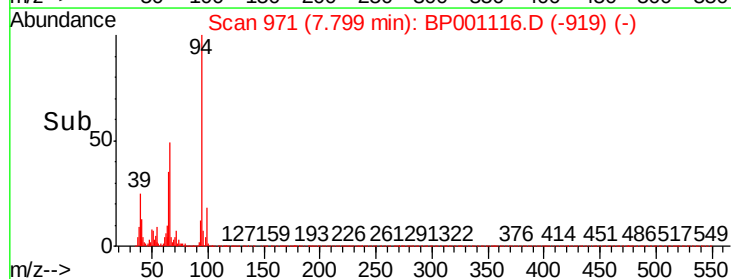
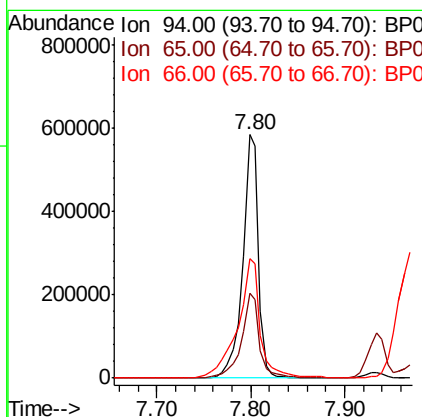
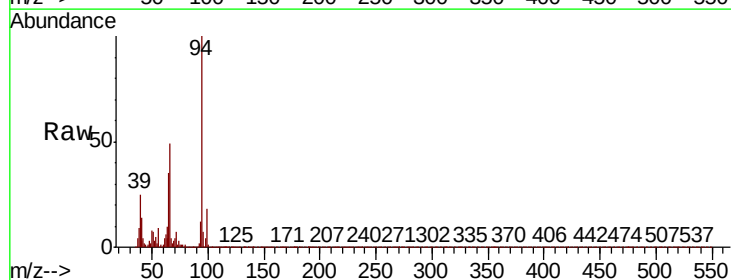
Tgt Ion: 94 Resp: 672897

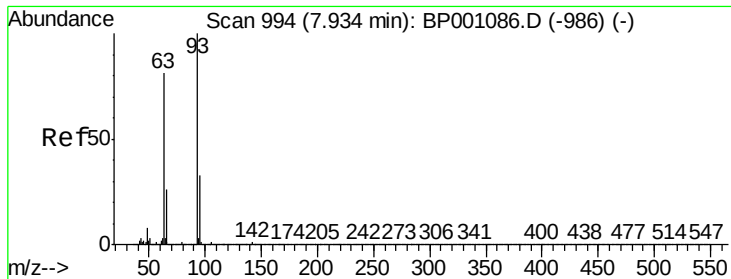
Ion Ratio Lower Upper

94 100

65 34.8 18.6 58.6

66 49.2 37.6 77.6

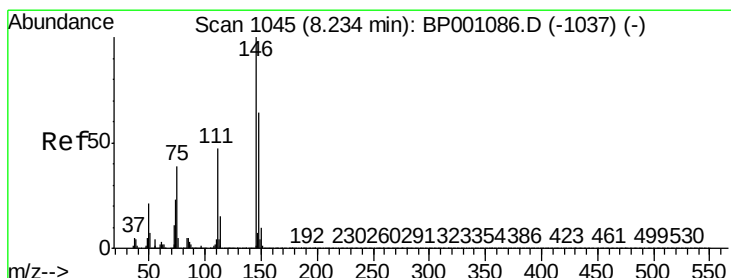
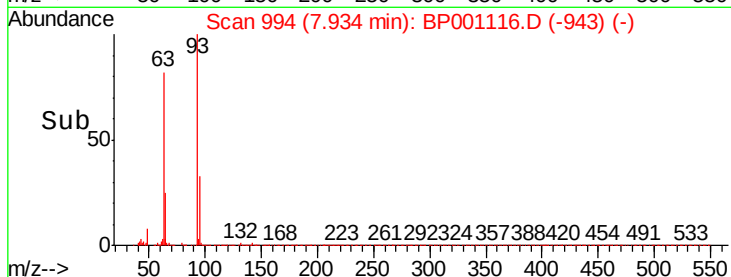
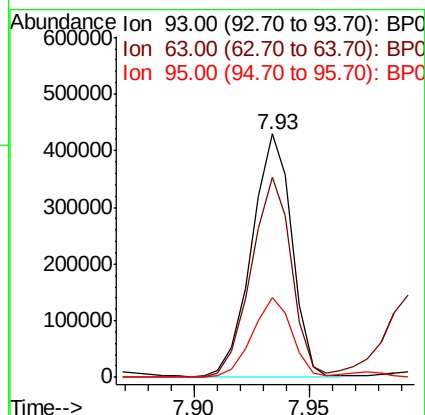
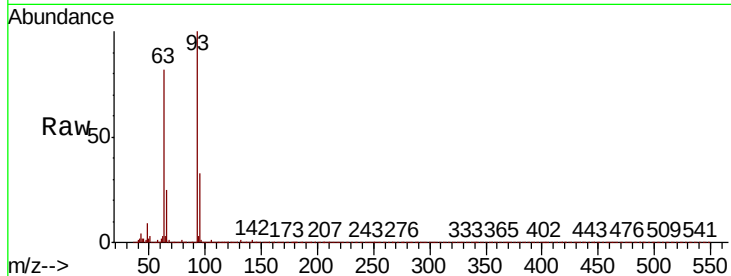




#11
bis(2-Chloroethyl)ether
Concen: 45.027 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

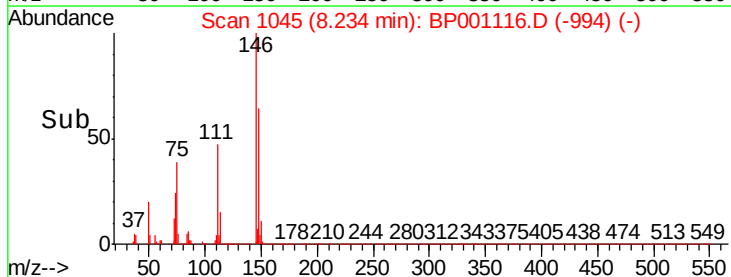
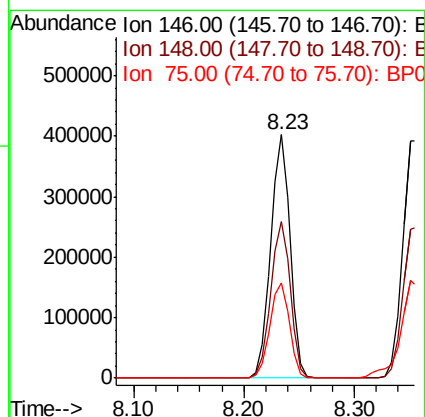
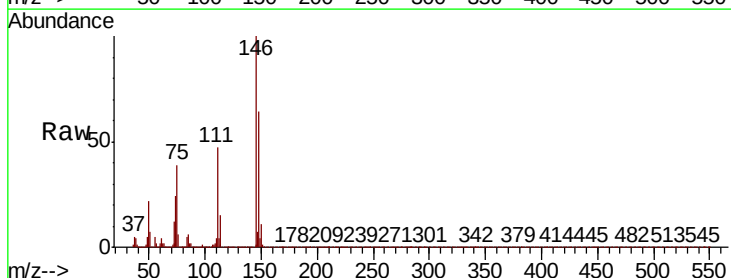
Instrument :
BNA_P
ClientSampled :

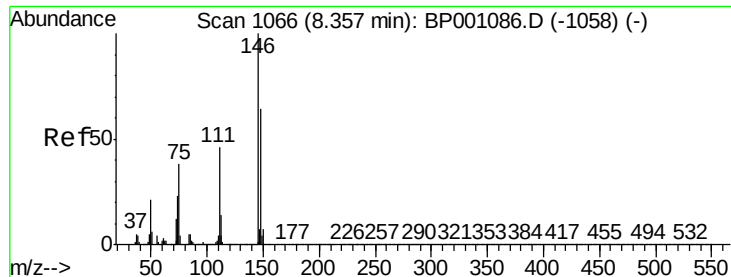
Tot Ion: 93 Resp: 521979
Ion Ratio Lower Upper
93 100
63 82.3 60.7 100.7
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.251 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion: 146 Resp: 496966
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
75 39.3 31.3 46.9

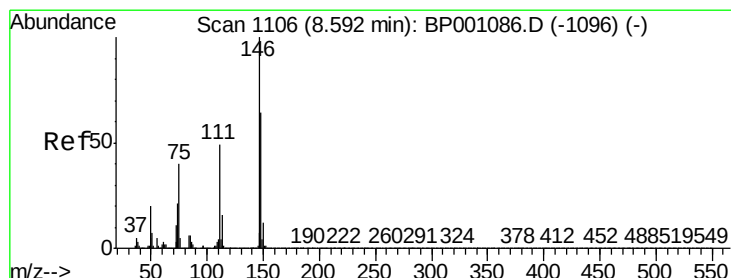
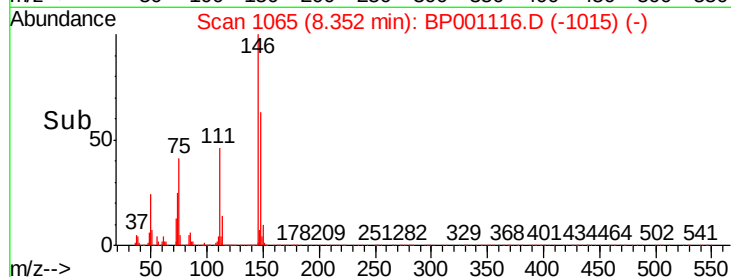
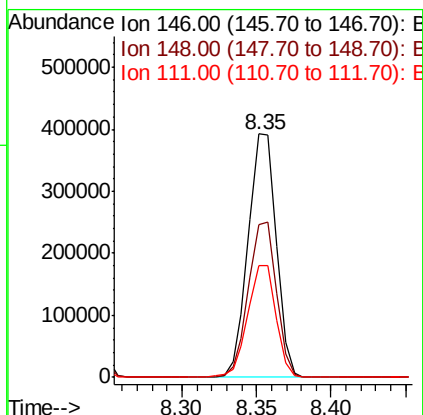
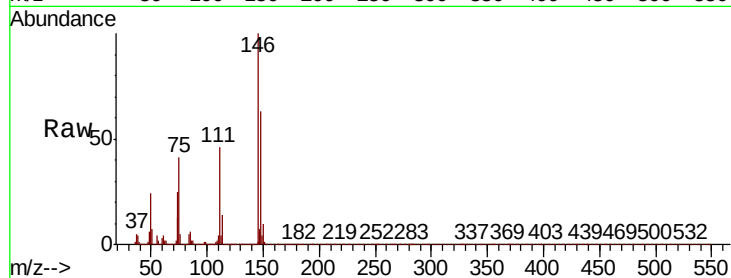




#13
1,4-Dichlorobenzene
Concen: 42.075 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

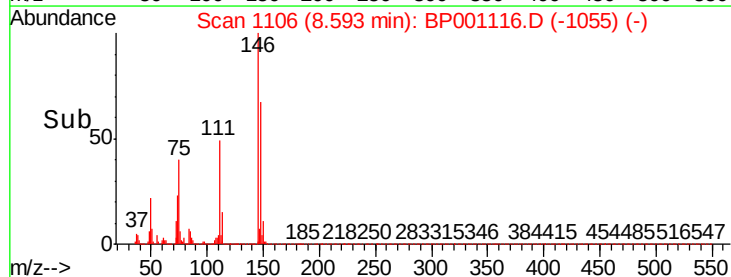
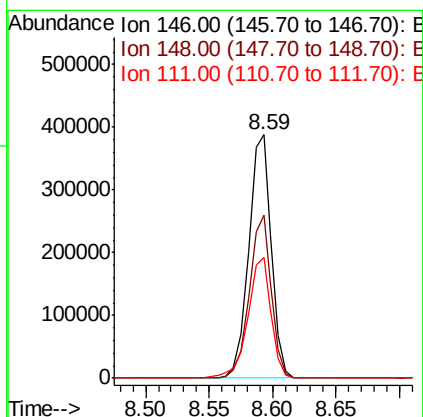
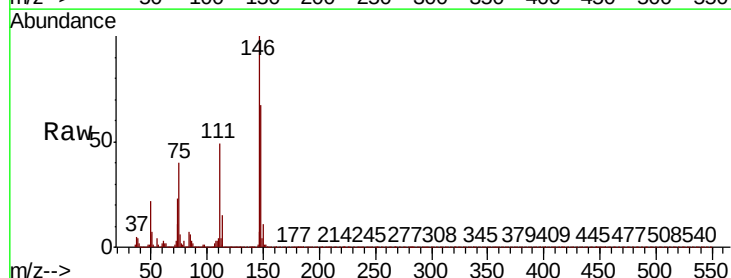
Instrument :
BNA_P
ClientSampleId :

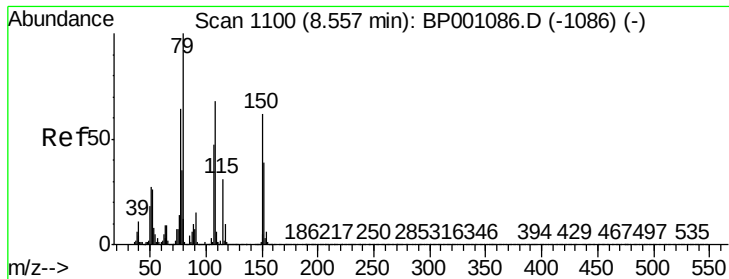
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.6	77.4
111	46.1	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 41.890 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
111	49.4	39.3	58.9

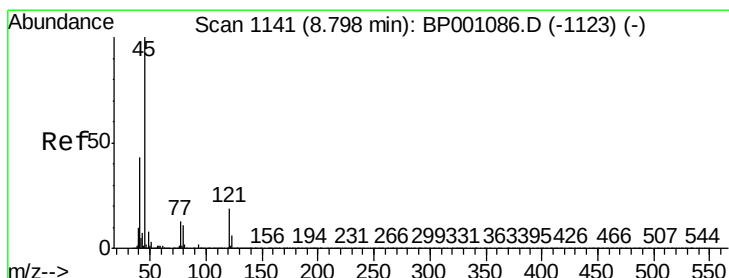
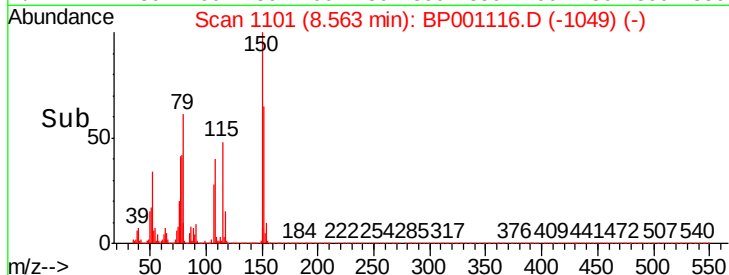
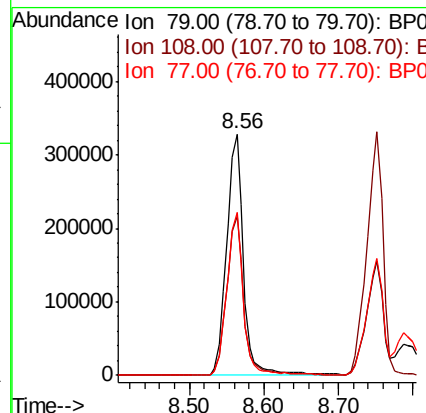
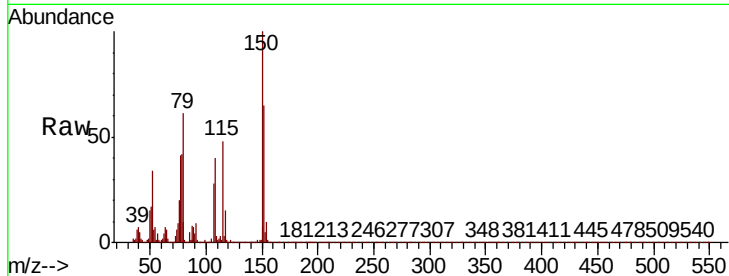




#15
Benzyl Alcohol
Concen: 48.128 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

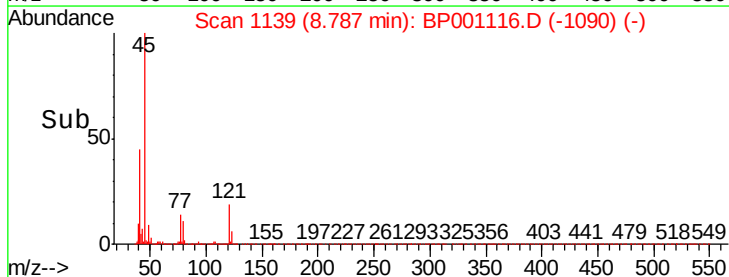
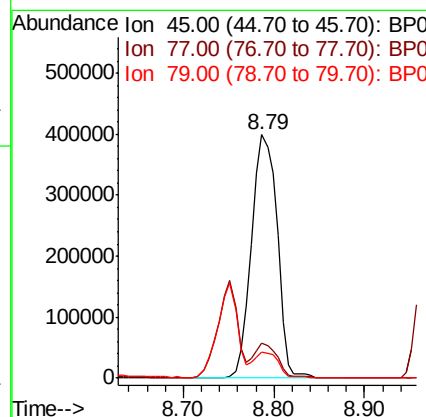
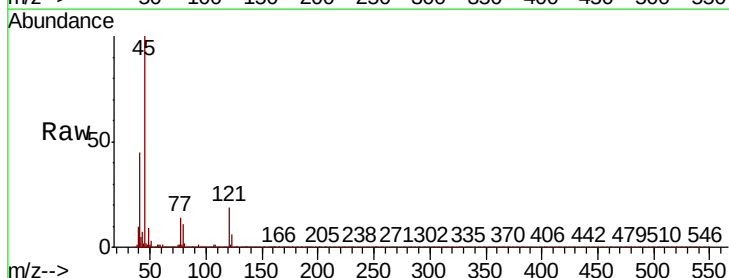
Instrument :
BNA_P
ClientSampleId :

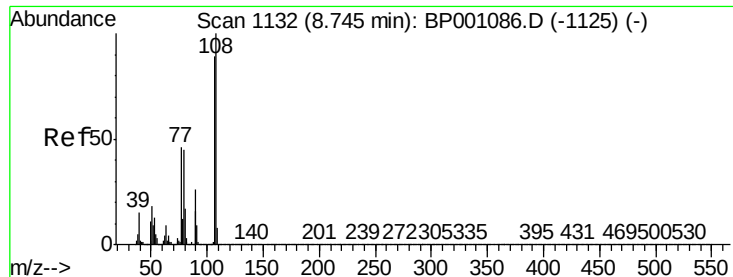
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.9	54.8	82.2
77	67.4	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.052 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.3
79	10.7	0.0	30.9

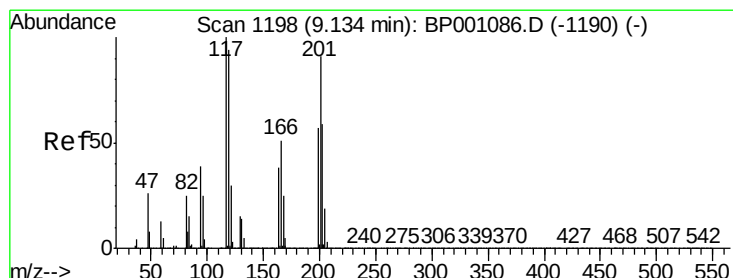
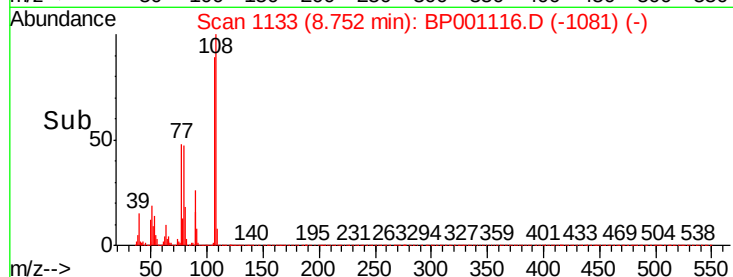
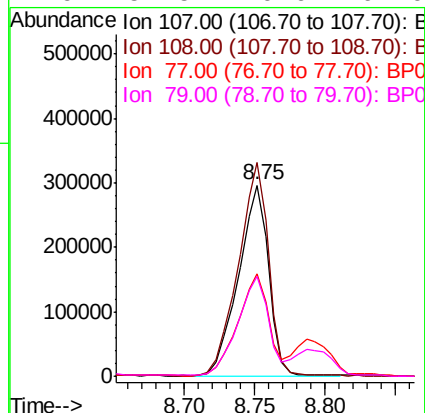
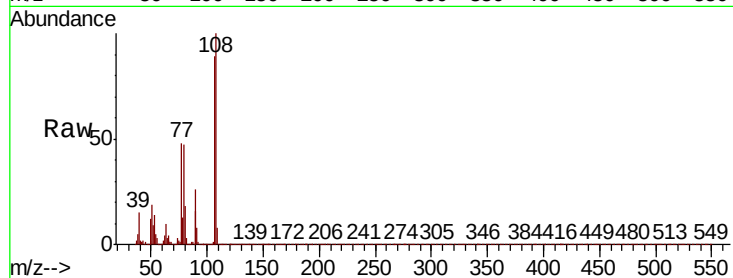




#17
2-Methylphenol
Concen: 47.170 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

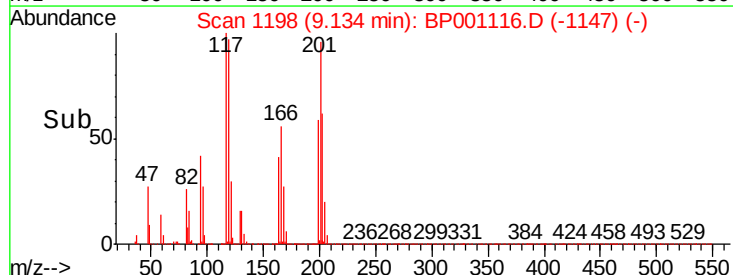
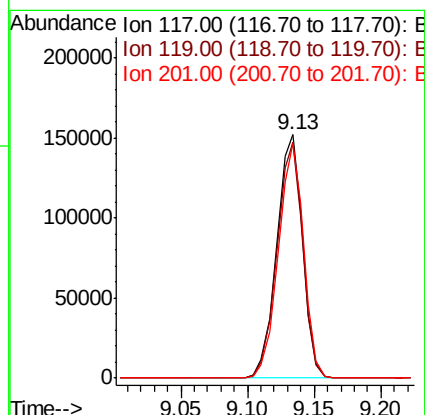
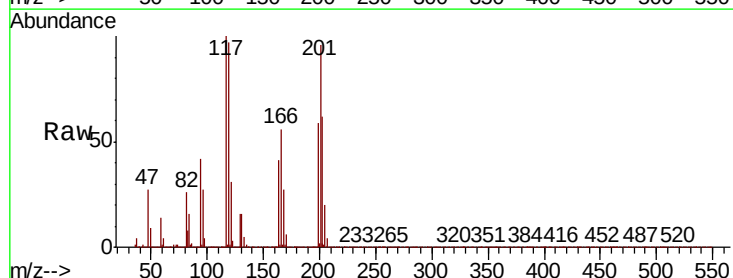
Instrument :
BNA_P
ClientSampled :

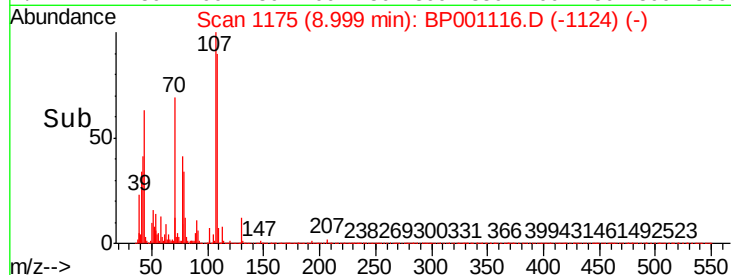
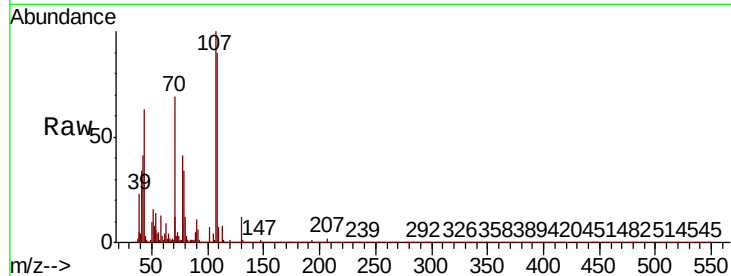
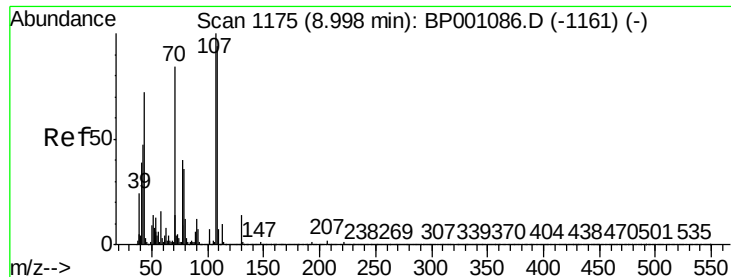
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	53.9	41.4	62.2
79	52.5	40.6	61.0



#18
Hexachloroethane
Concen: 41.085 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
201	96.4	72.5	108.7

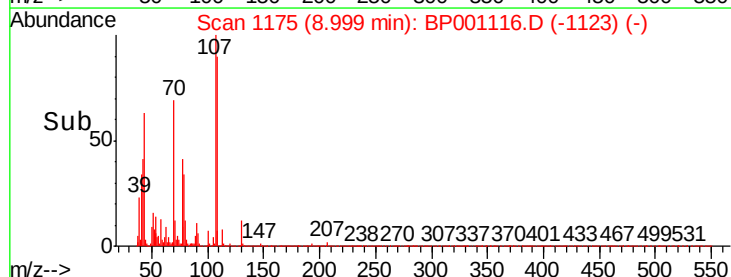
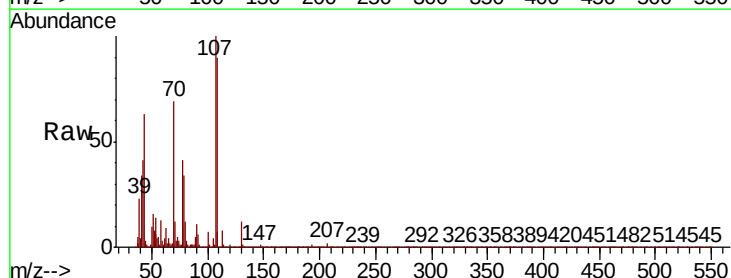
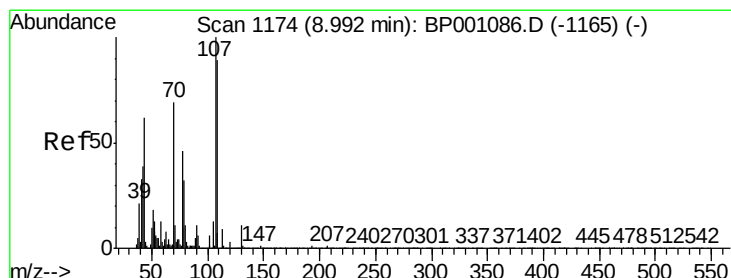
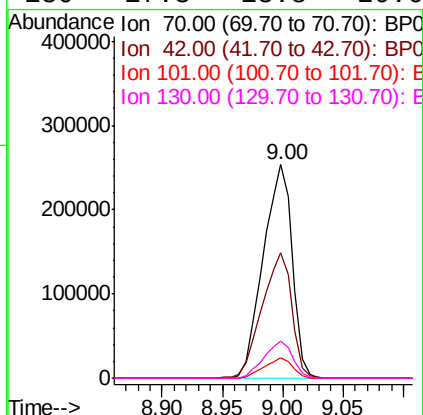




#19
n-Nitroso-di-n-propylamine
Concen: 45.018 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

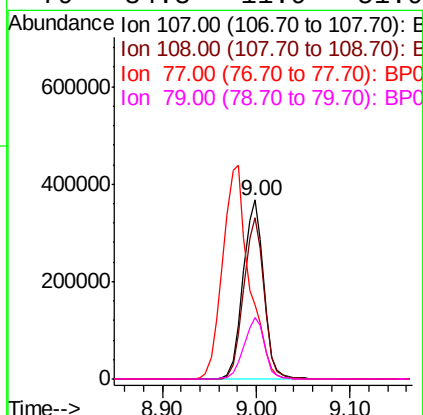
Instrument :
BNA_P
ClientSampleId :

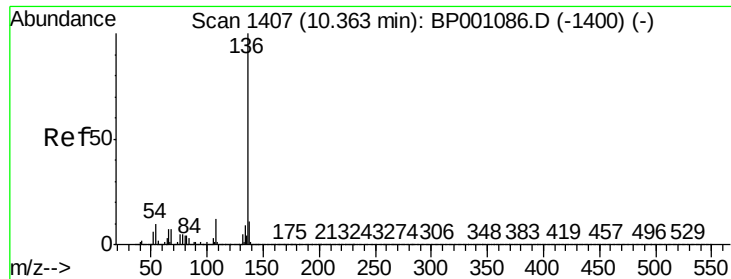
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	44.6	66.8
101	9.6	7.1	10.7
130	17.3	13.8	20.6



#20
3+4-Methylphenols
Concen: 47.504 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.9	108.9
77	41.5	25.9	65.9
79	34.3	11.9	51.9

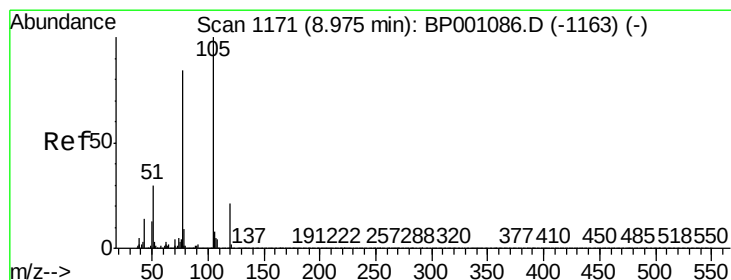
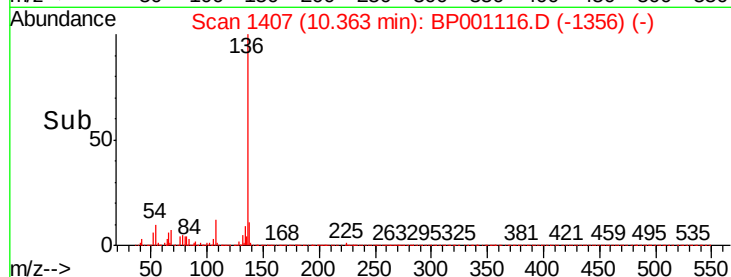
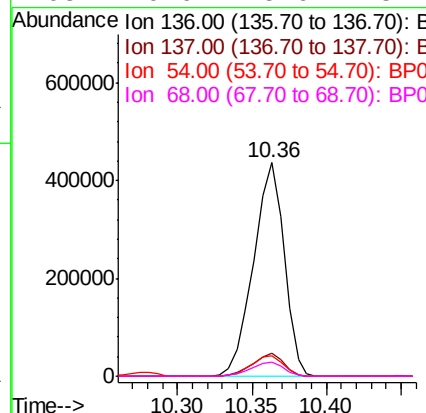
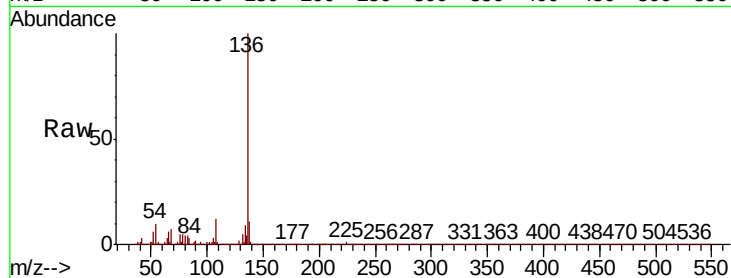




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

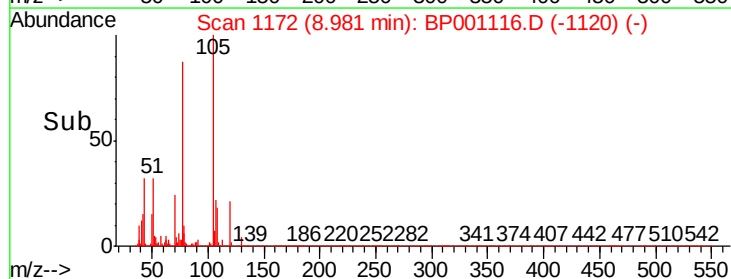
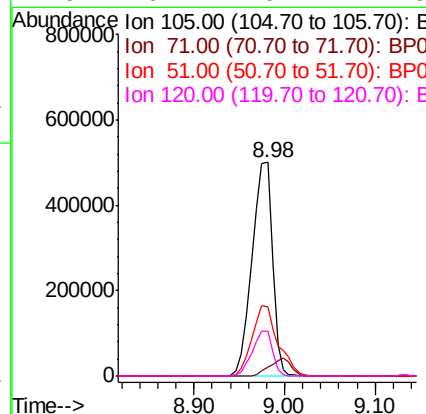
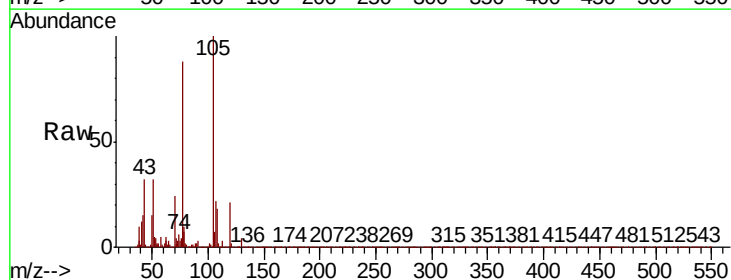
Instrument :
BNA_P
ClientSampleId :

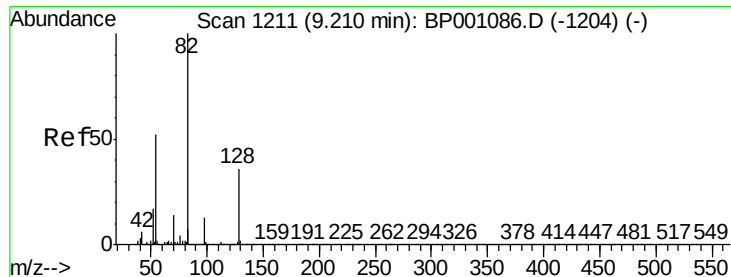
Tot Ion:136	Resp: 618415
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 9.8	7.9 11.9
68 6.6	5.6 8.4



#22
Acetophenone
Concen: 42.879 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt	Ion:105	Resp:	779366
Ion	Ratio	Lower	Upper
105	100		
71	4.0	0.5	0.7#
51	32.3	24.2	36.4
120	20.7	16.4	24.6



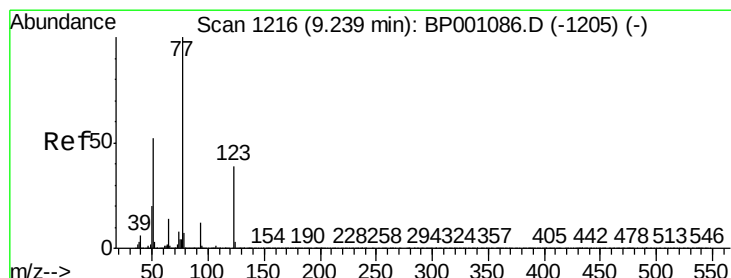
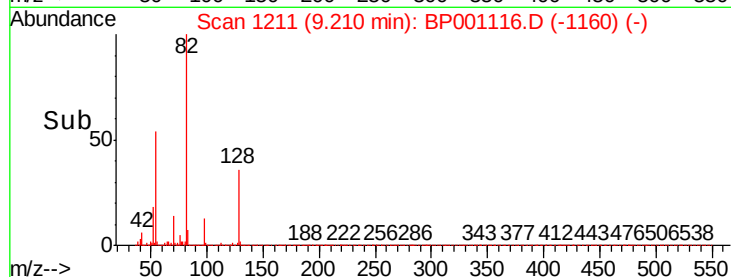
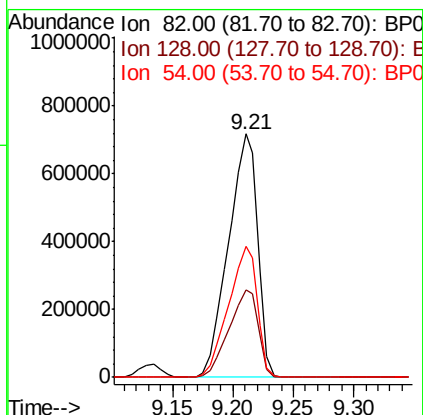
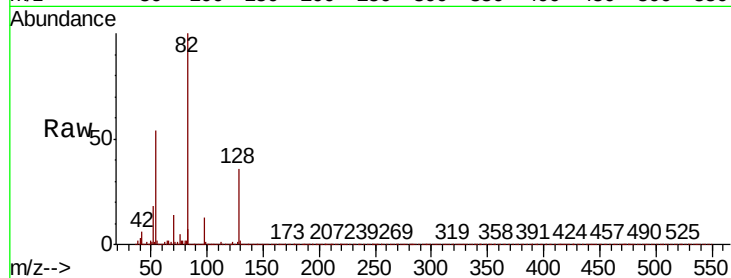


#23
 Nitrobenzene-d5
 Concen: 84.131 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

Instrument :
 BNA_P
 ClientSampled :

Tot Ion: 82 Resp: 1199191

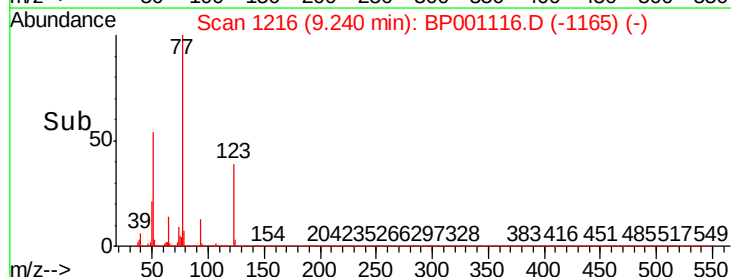
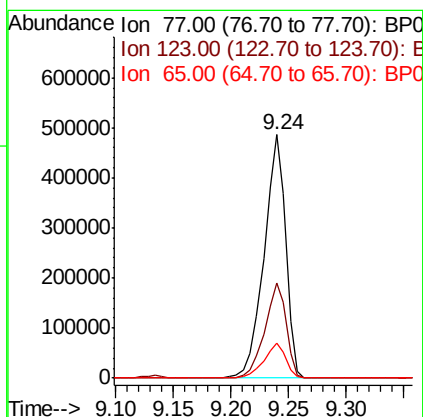
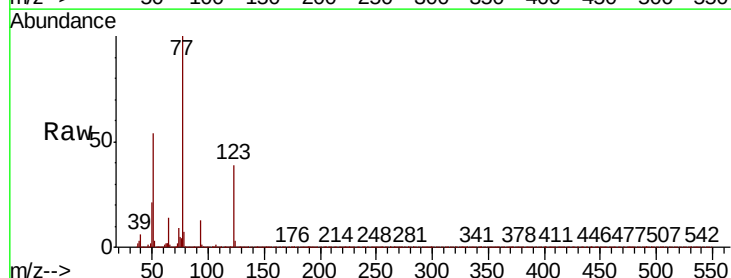
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.0	41.9	62.9

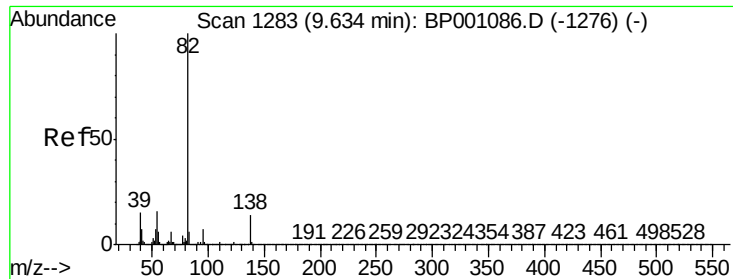


#24
 Nitrobenzene
 Concen: 44.907 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

Tgt Ion: 77 Resp: 636499

Ion	Ratio	Lower	Upper
77	100		
123	39.0	31.0	46.4
65	14.2	11.0	16.6





#25

Isophorone

Concen: 45.772 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampled :

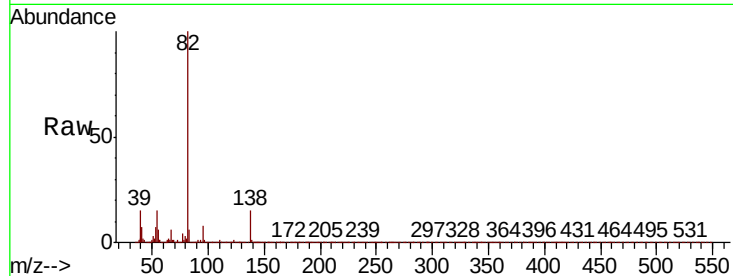
Tot Ion: 82 Resp: 1169943

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

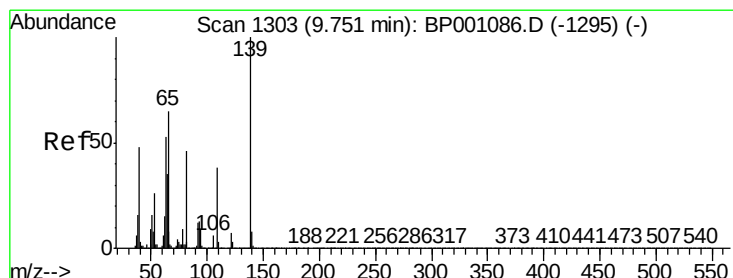
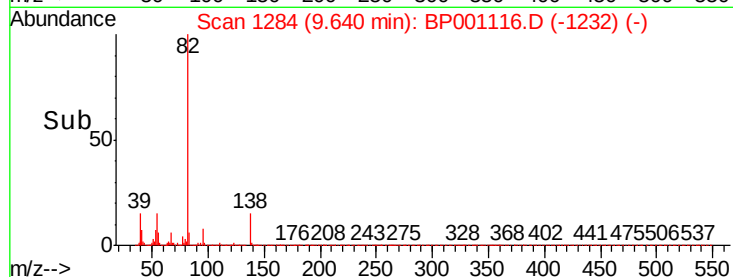
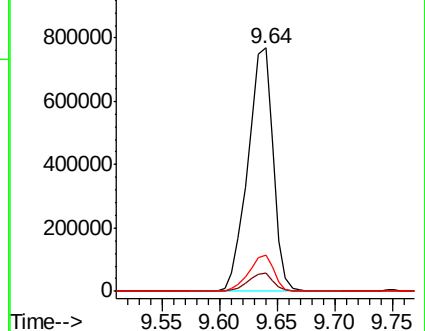
138 14.6 11.3 16.9



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: 45.516 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

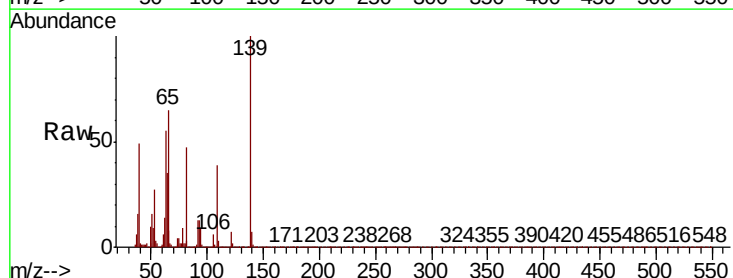
Tgt Ion: 139 Resp: 236304

Ion Ratio Lower Upper

139 100

109 38.6 30.6 45.8

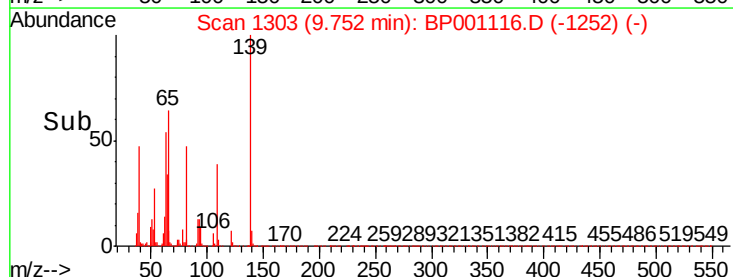
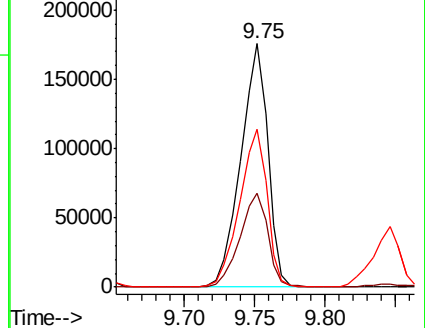
65 64.8 51.8 77.8

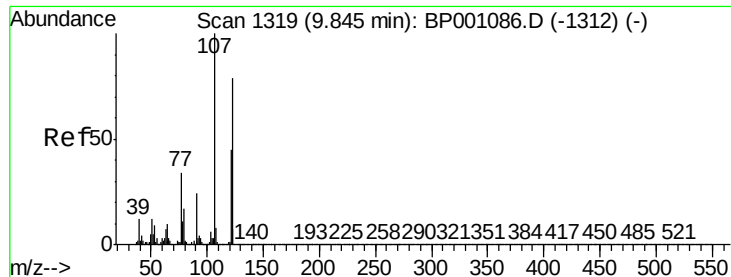


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

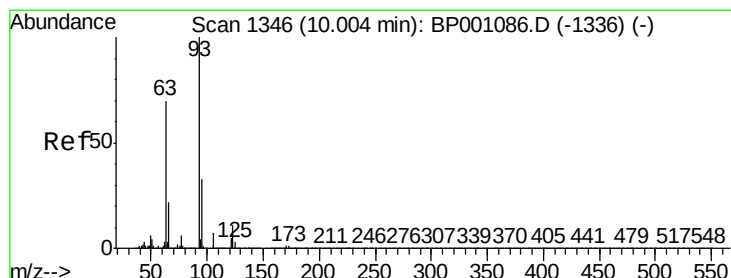
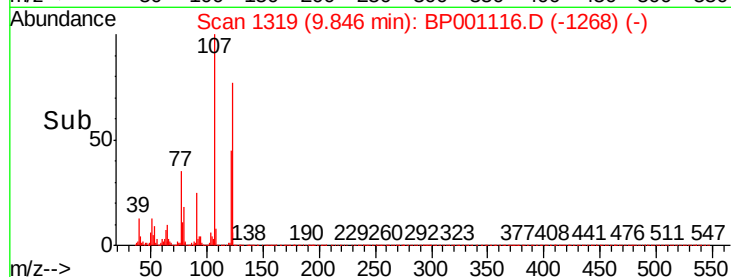
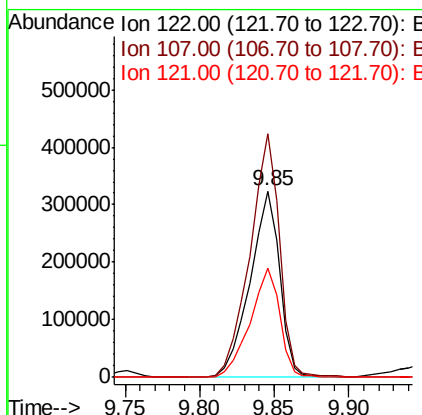
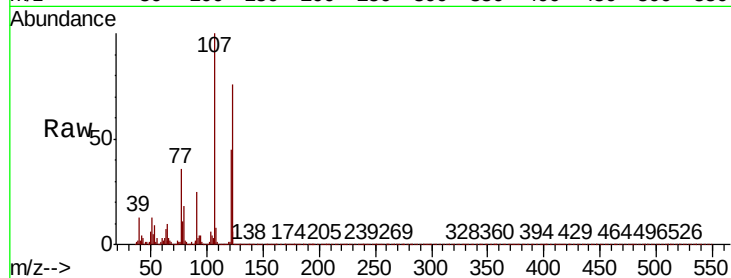




#27
2,4-Dimethylphenol
Concen: 53.956 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

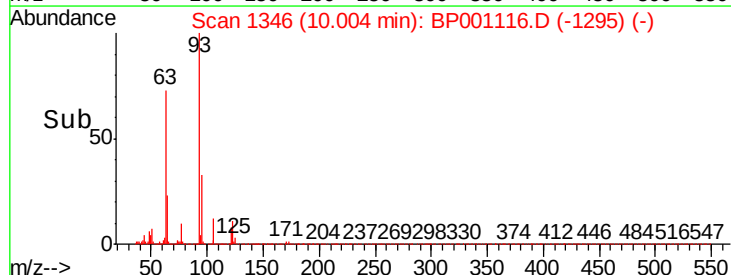
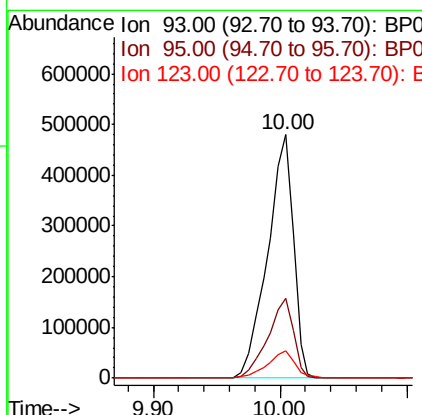
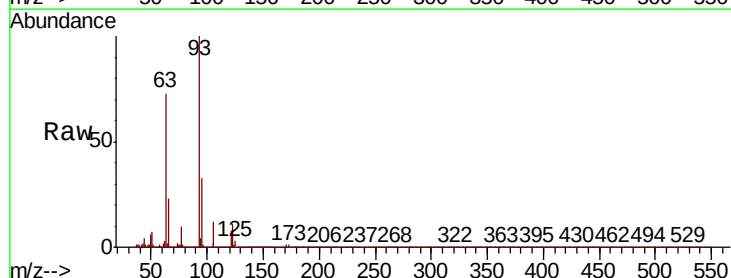
Instrument :
BNA_P
ClientSampled :

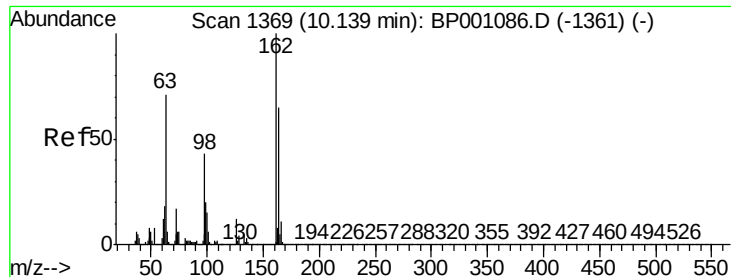
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.7	101.9	152.9
121	58.6	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.189 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.0	8.9	13.3

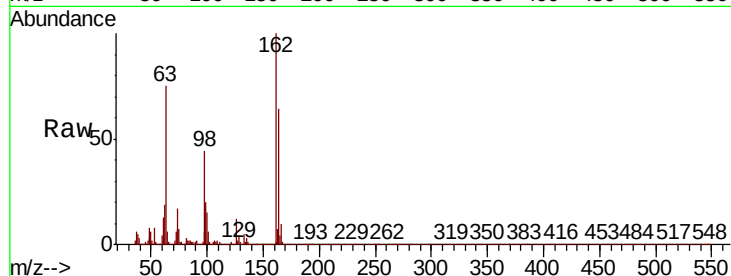




#29
2,4-Dichlorophenol
Concen: 46.059 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.1	85.1
98	44.0	23.4	63.4

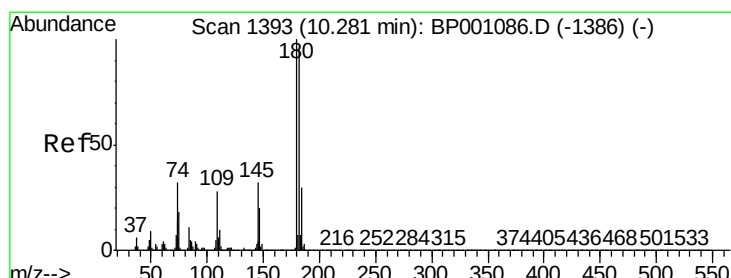
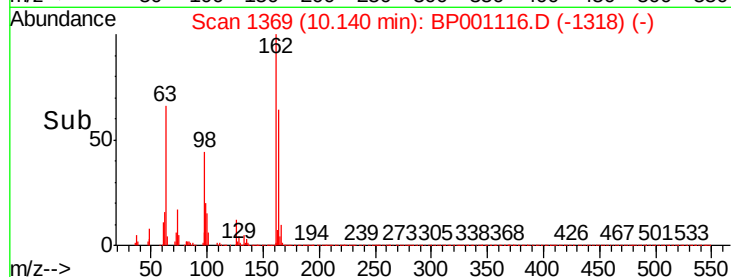
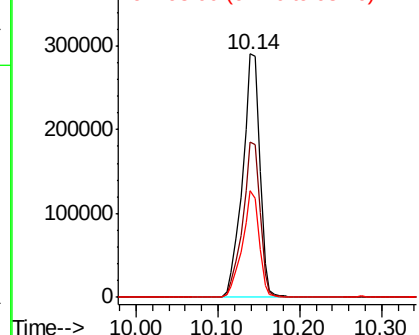


Abundance

Ion 162.00 (161.70 to 162.70): E

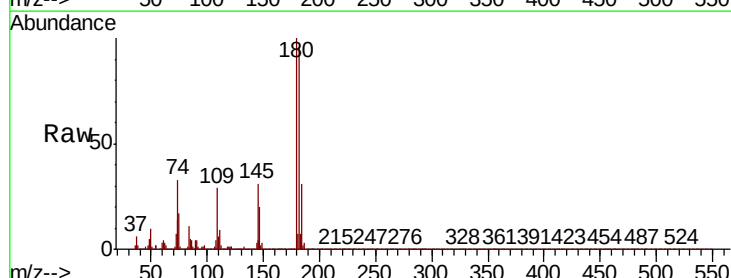
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 40.687 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.3	114.5
145	30.7	25.4	38.2

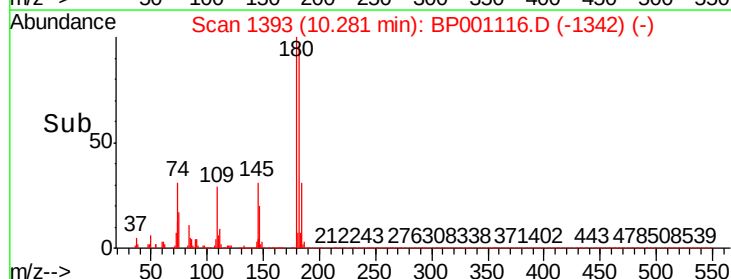
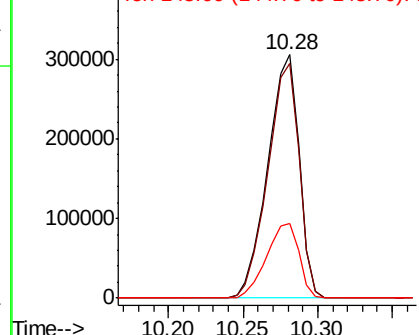


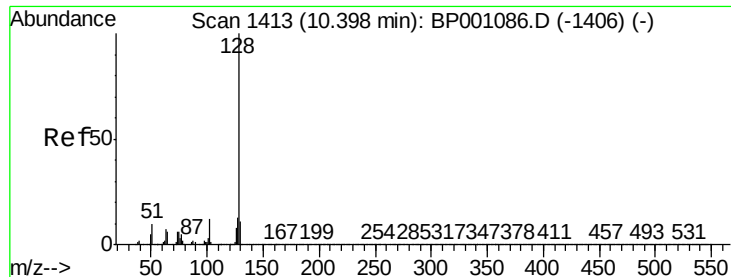
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

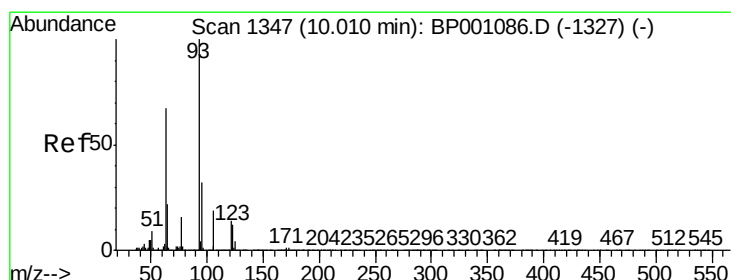
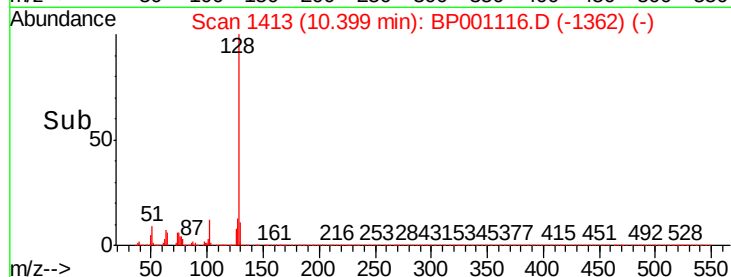
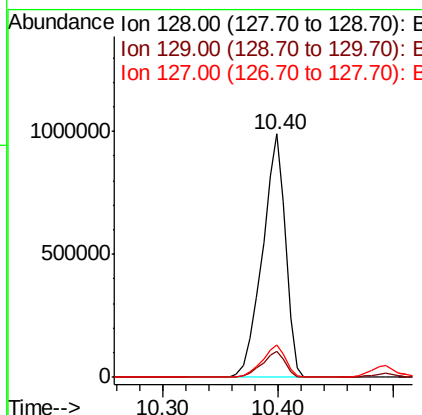
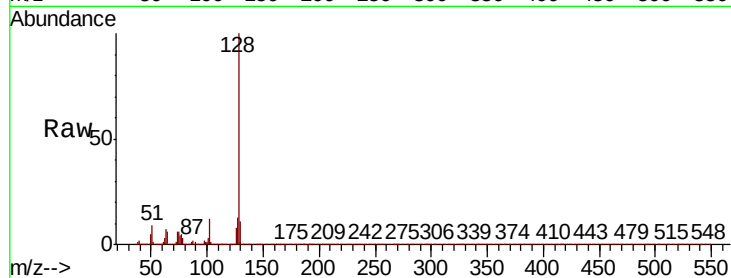




#31
Naphthalene
Concen: 43.524 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

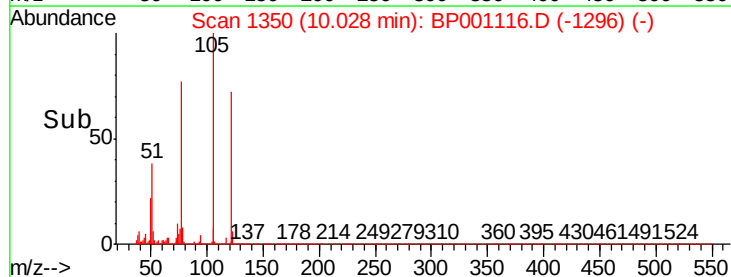
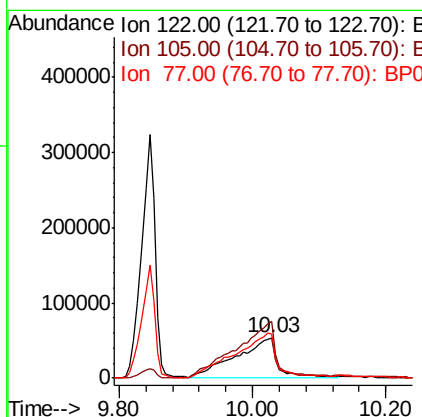
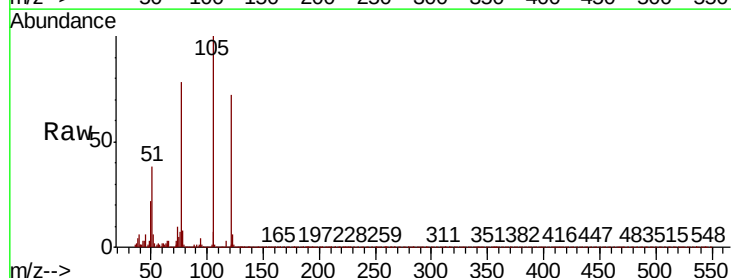
Instrument :
BNA_P
ClientSampled :

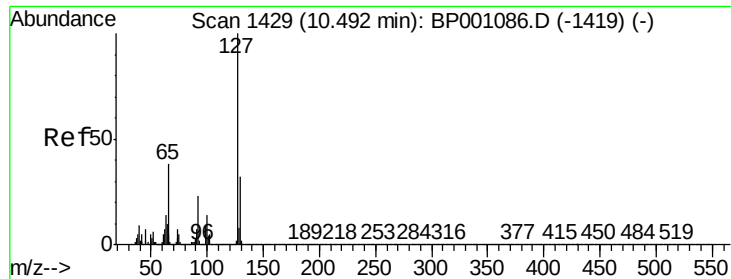
Tot Ion:128 Resp: 1374646
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 37.460 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:122 Resp: 222706
Ion Ratio Lower Upper
122 100
105 139.8 116.8 156.8
77 108.7 95.0 135.0

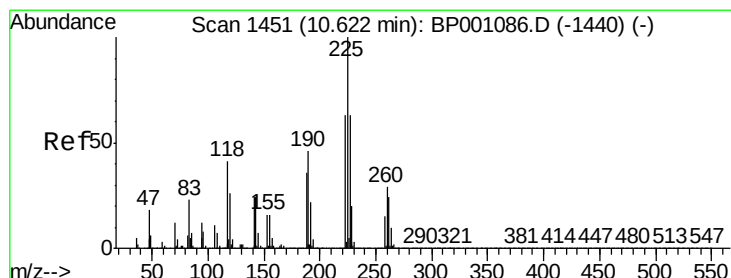
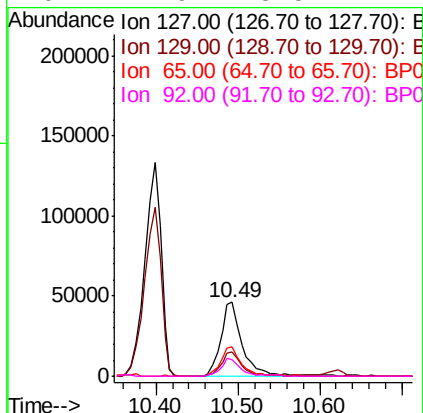
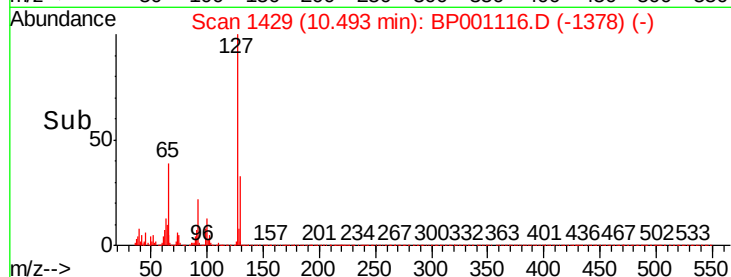
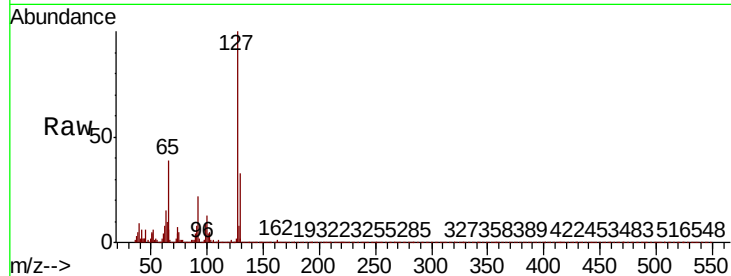




#33
4-Chloroaniline
Concen: 6.205 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

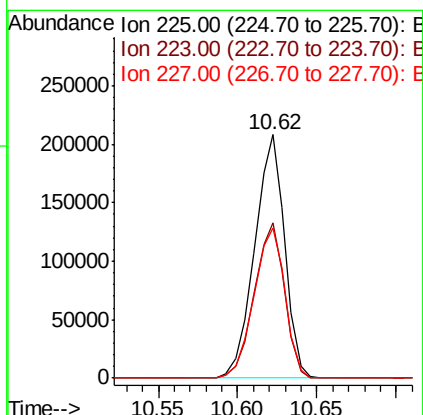
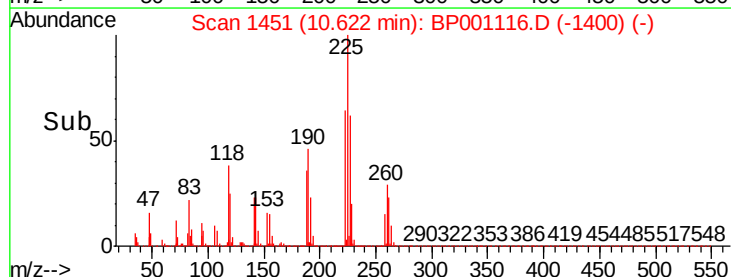
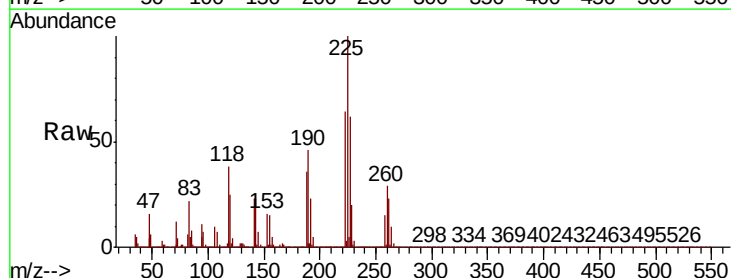
Instrument :
BNA_P
ClientSampleId :

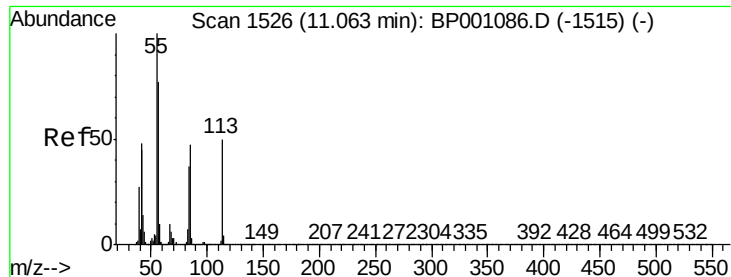
Tot Ion:	127	Resp:	85050
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	39.1	30.6	46.0
92	21.9	18.5	27.7



#34
Hexachlorobutadiene
Concen: 39.836 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:	225	Resp:	273951
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	61.9	50.0	75.0

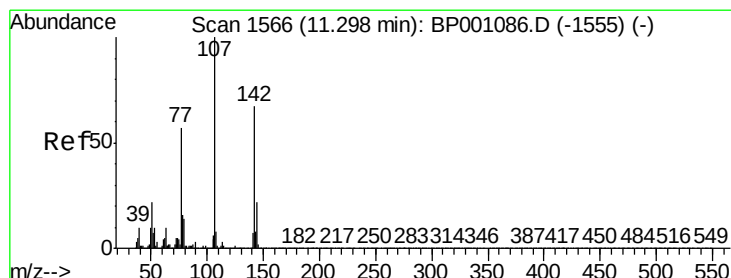
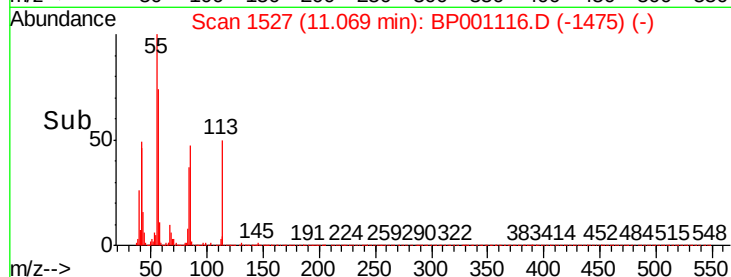
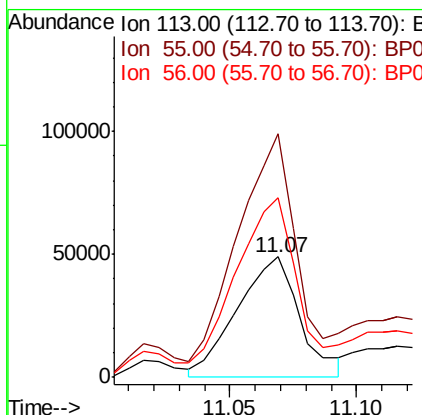
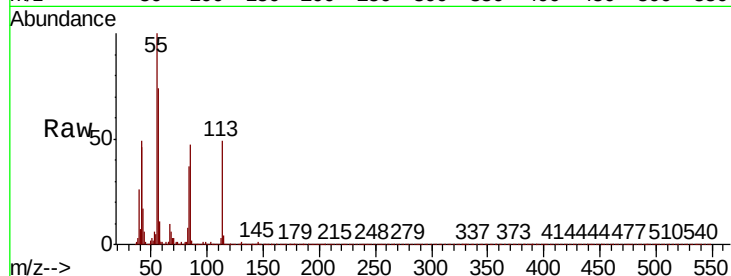




#35
Caprolactam
Concen: 26.063 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

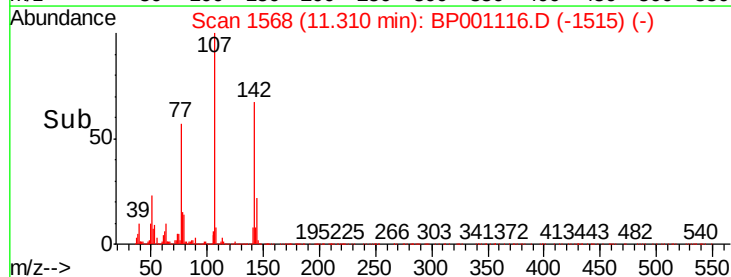
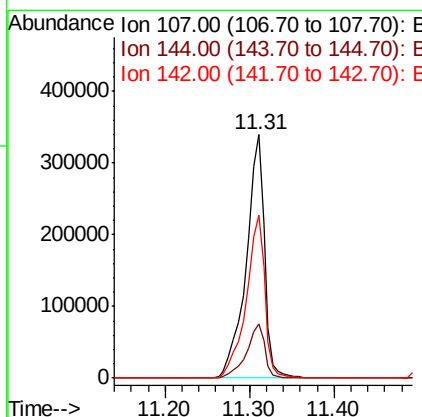
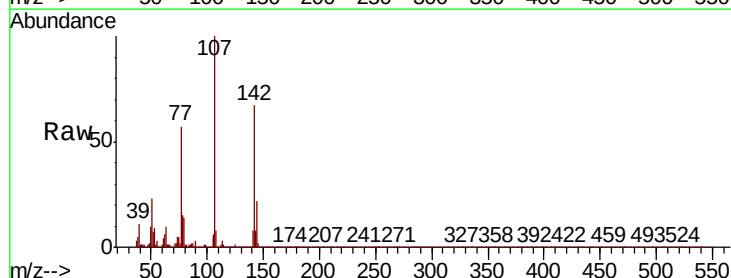
Instrument :
BNA_P
ClientSampleId :

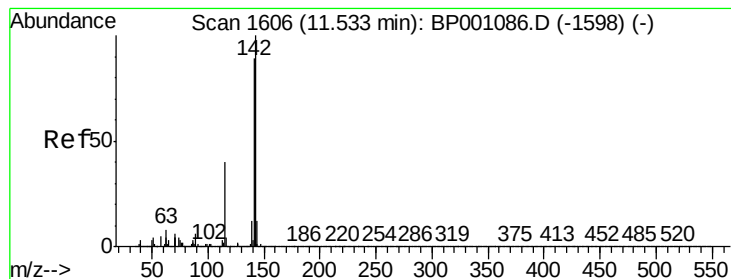
Tot Ion:113 Resp: 84072
Ion Ratio Lower Upper
113 100
55 202.2 181.2 221.2
56 149.6 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 46.147 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:107 Resp: 512092
Ion Ratio Lower Upper
107 100
144 22.4 17.5 26.3
142 66.9 53.3 79.9





#37

2-Methylnaphthalene

Concen: 43.786 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

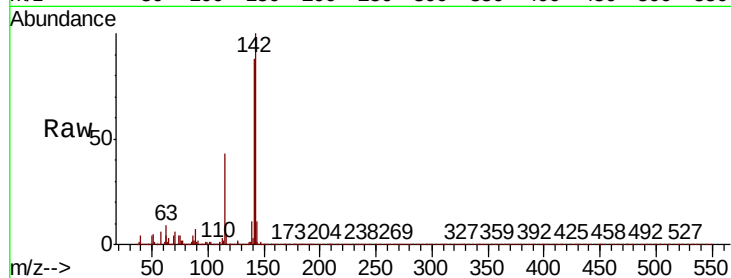
Tot Ion:142 Resp: 943651

Ion Ratio Lower Upper

142 100

141 87.7 71.1 106.7

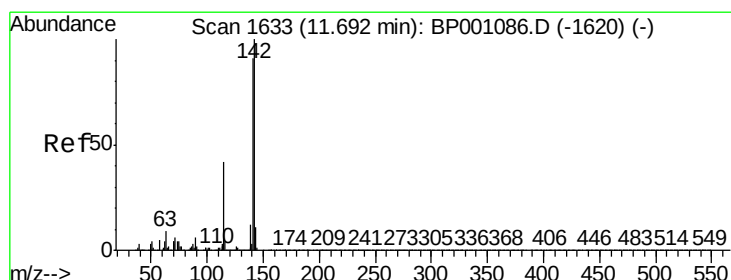
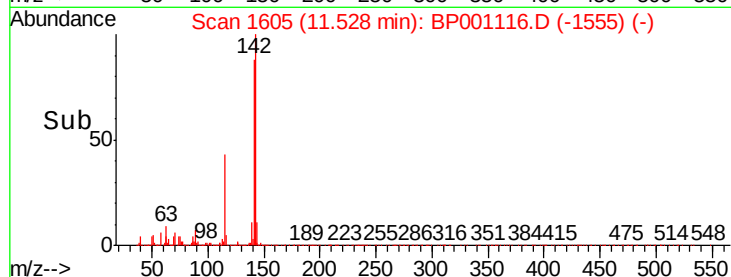
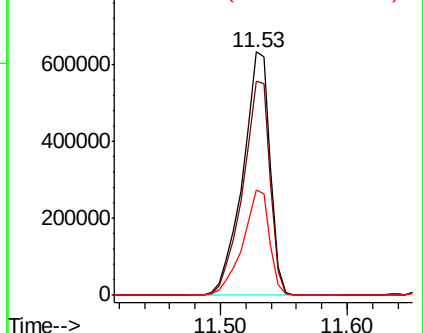
115 43.3 32.3 48.5



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: 43.973 ng

RT: 11.69 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

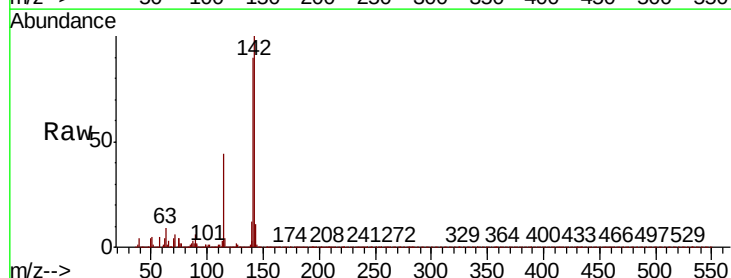
Tgt Ion:142 Resp: 895232

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.4

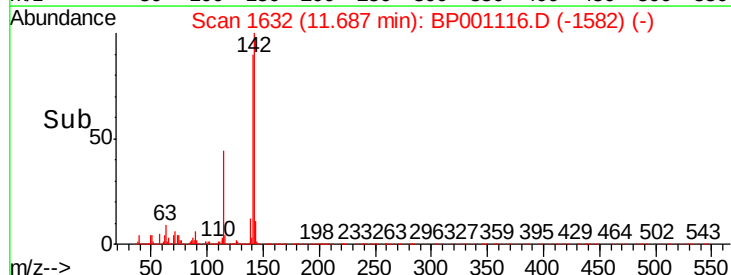
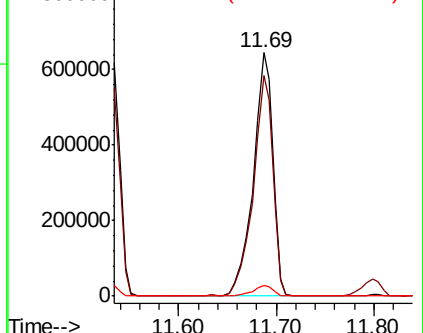
116 4.5 3.4 5.2

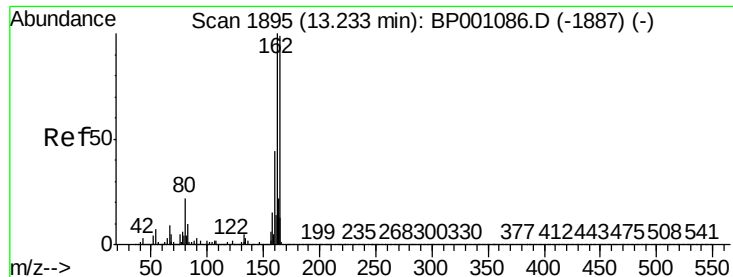


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1894

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

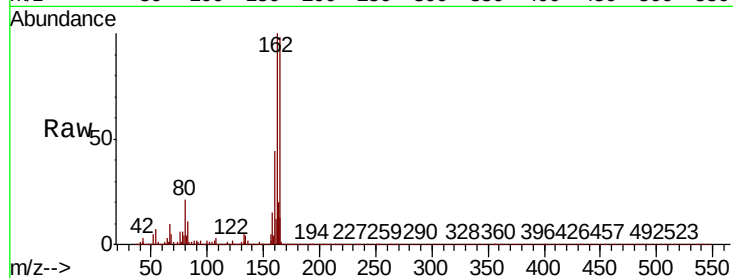
Tot Ion:164 Resp: 341852

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

160 44.9 35.4 53.2

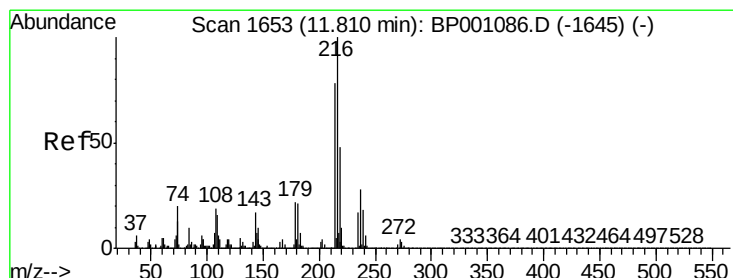
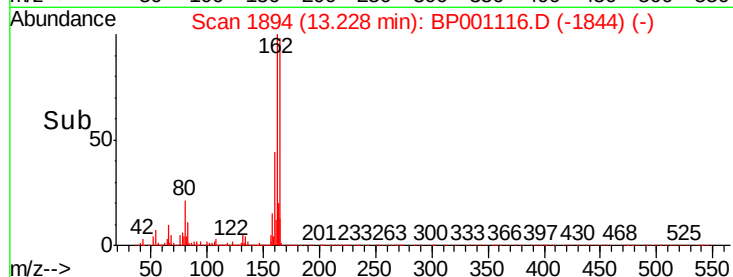
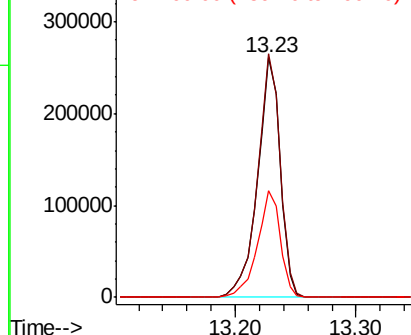


Abundance

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: 40.860 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:216 Resp: 440196

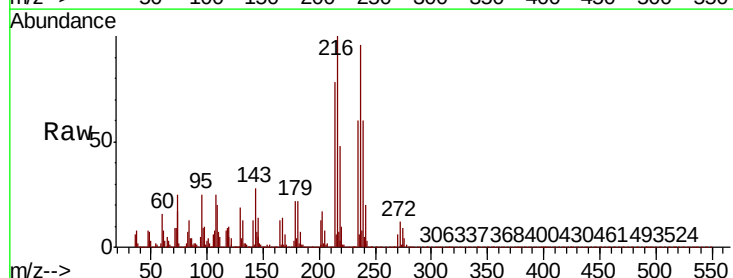
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 21.9 17.6 26.4

108 24.6 17.7 26.5



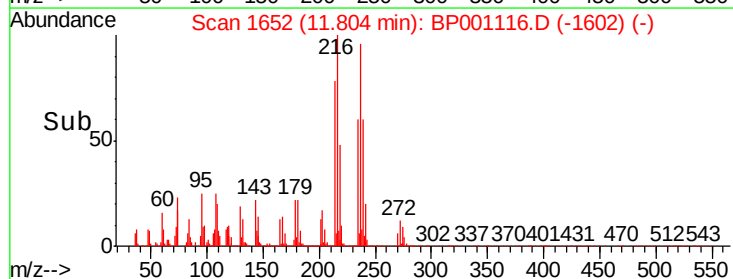
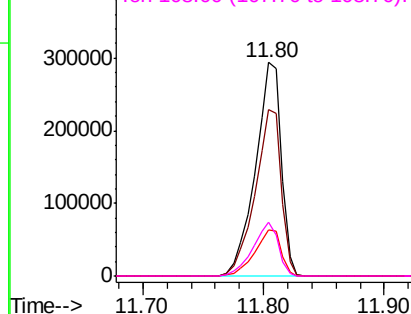
Abundance

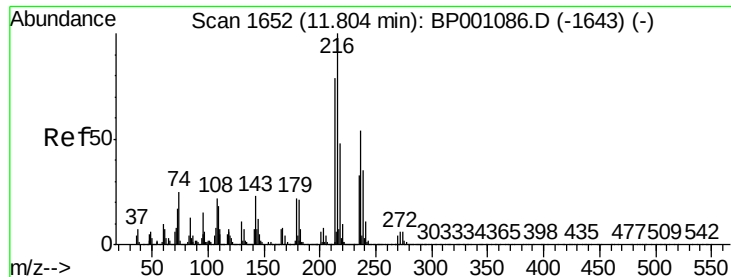
Ion 216.00 (215.70 to 216.70): E

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: 85.239 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

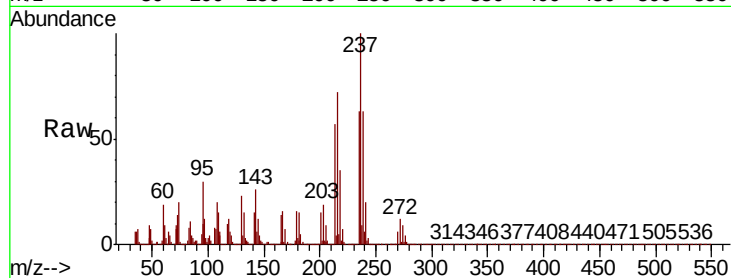
Tot Ion:237 Resp: 423641

Ion Ratio Lower Upper

237 100

235 62.8 41.8 81.8

272 11.8 0.0 31.9

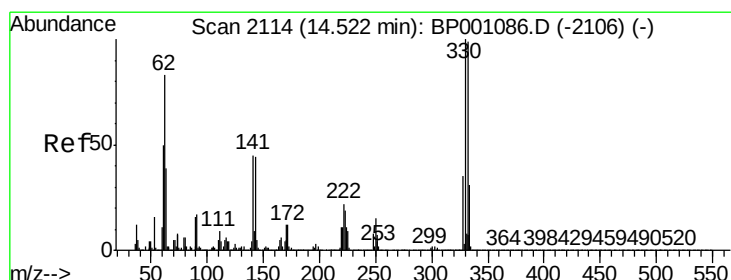
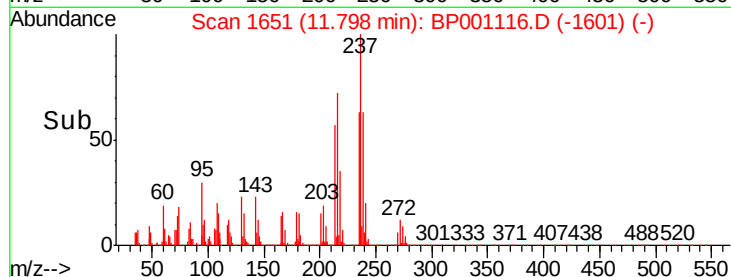
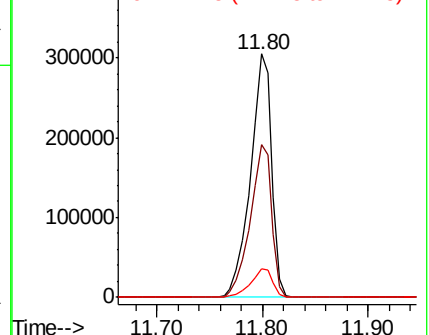


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.229 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

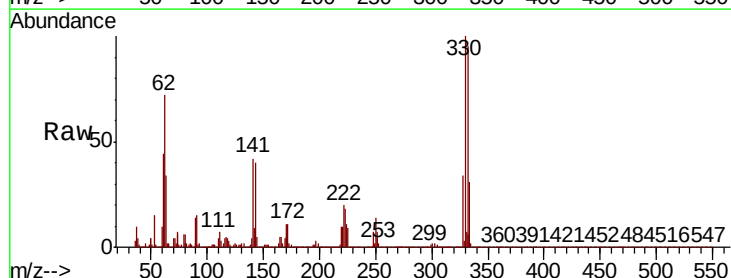
Tgt Ion:330 Resp: 433268

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 44.8 34.2 51.2

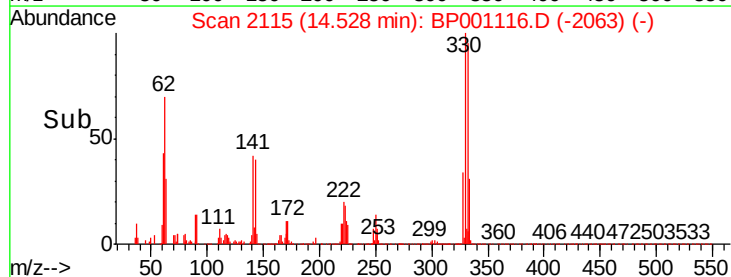
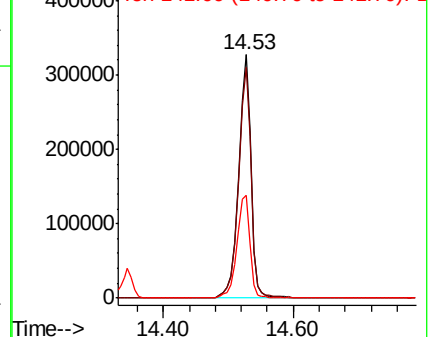


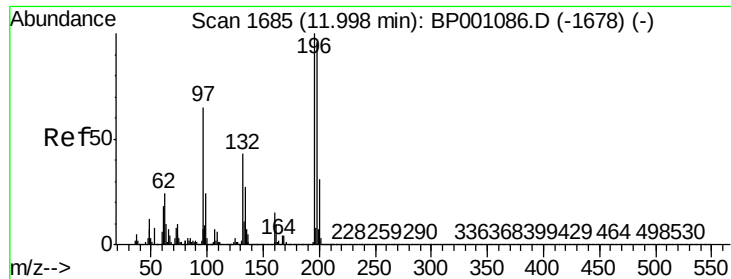
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

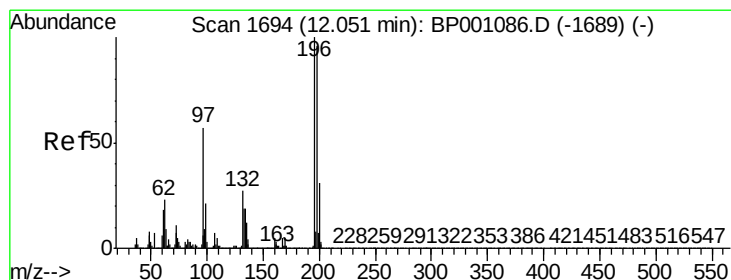
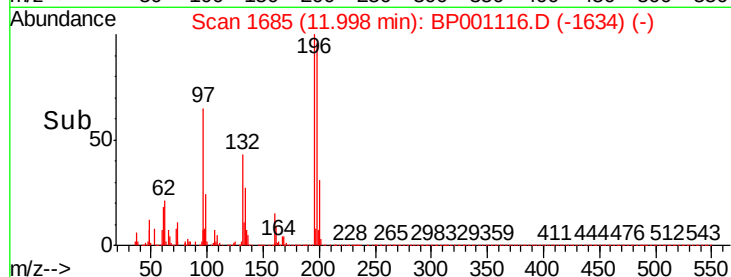
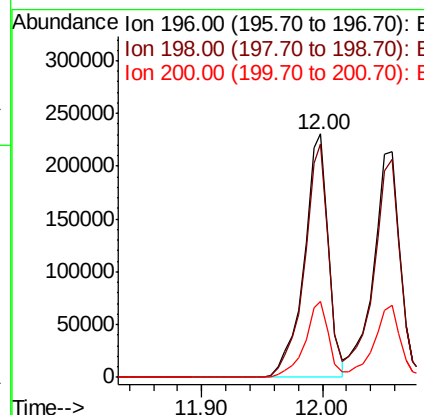
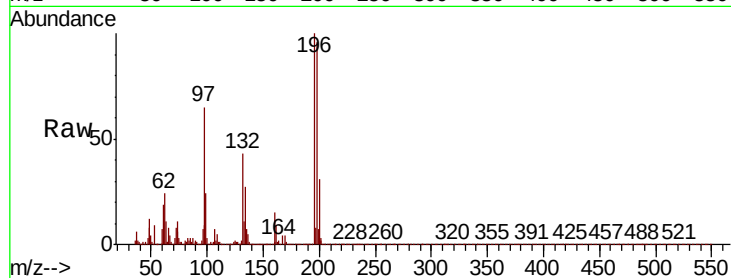




#43
 2,4,6-Trichlorophenol
 Concen: 45.302 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

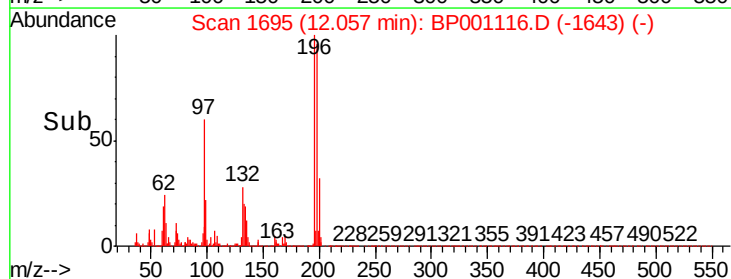
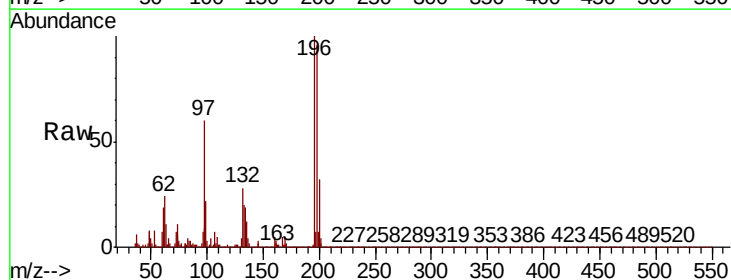
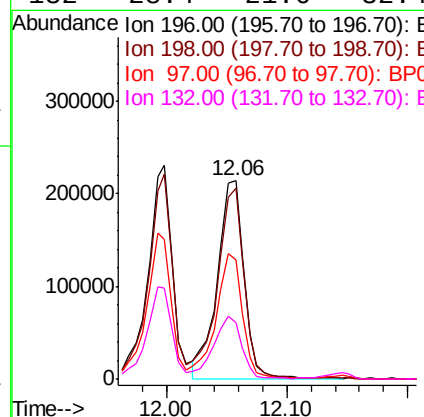
Instrument :
 BNA_P
 ClientSampleId :

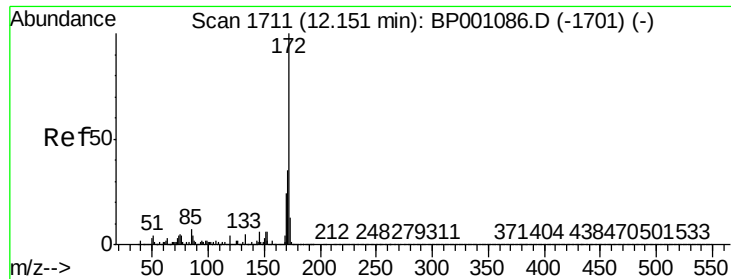
Tot Ion	196	Resp	318667
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.7	115.1
200	31.2	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.957 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

Tgt Ion	196	Resp	327657
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.8	115.2
97	59.8	46.1	69.1
132	28.4	21.6	32.4

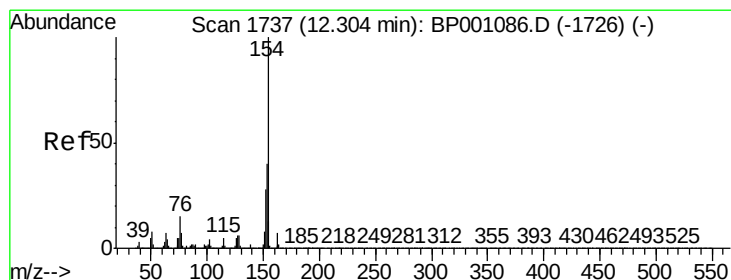
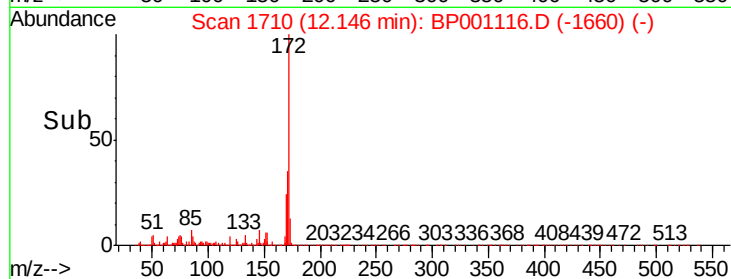
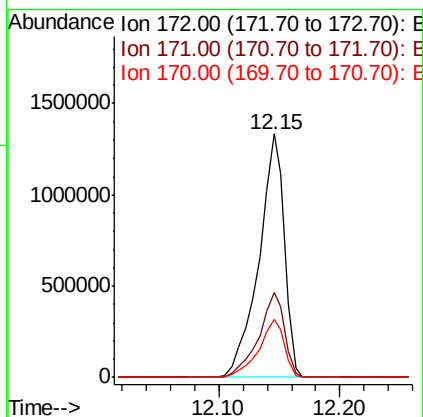
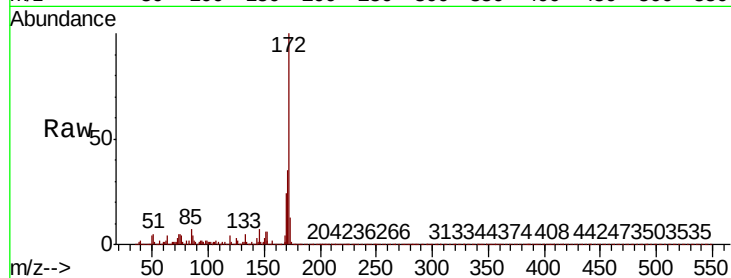




#45
2-Fluorobiphenyl
Concen: 83.319 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

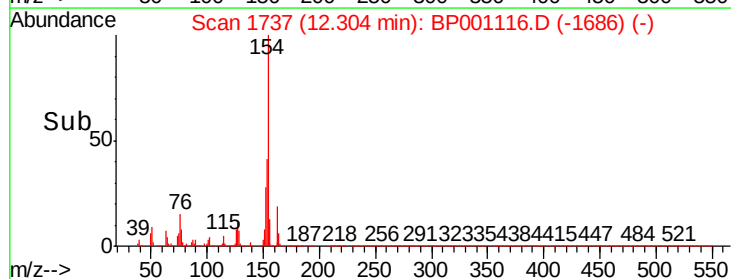
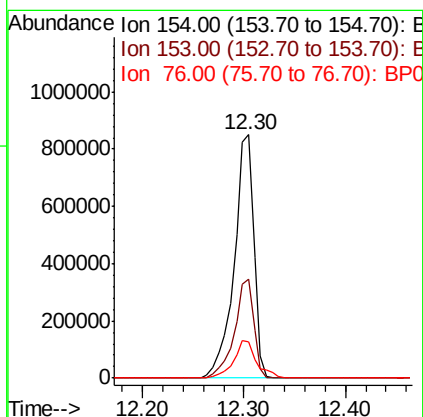
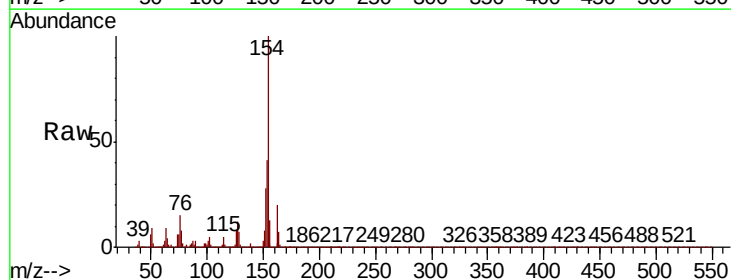
Instrument :
BNA_P
ClientSampleId :

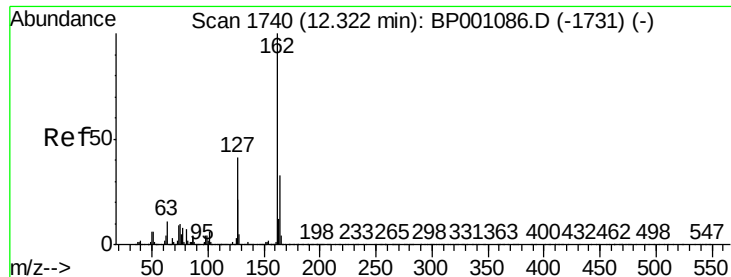
Tot Ion:172 Resp: 1946108
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.297 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:154 Resp: 1143880
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 15.1 0.0 34.5

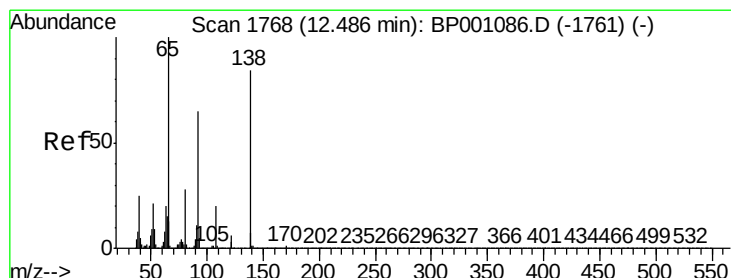
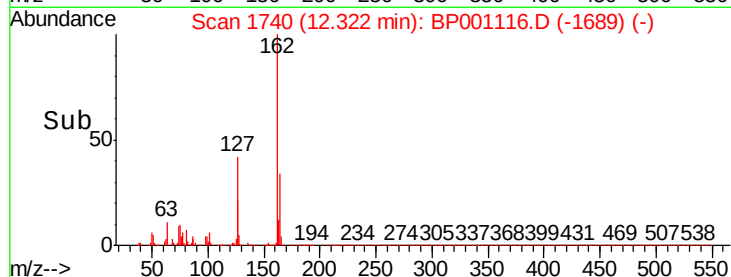
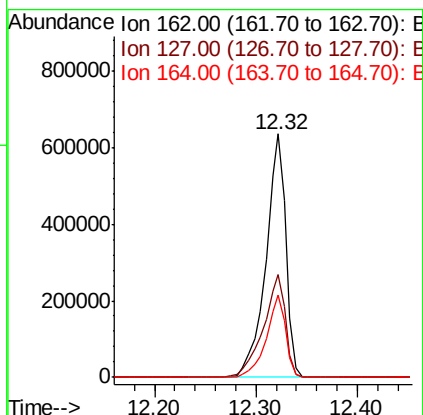
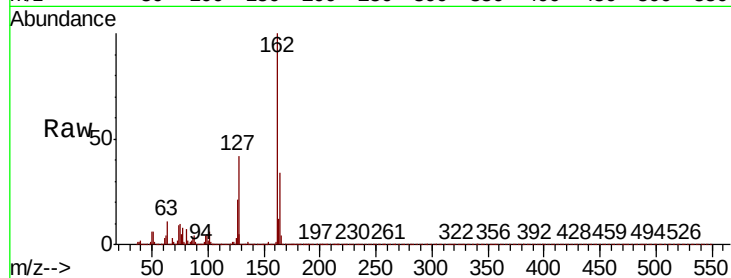




#47
2-Chloronaphthalene
Concen: 41.445 ng
RT: 12.32 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

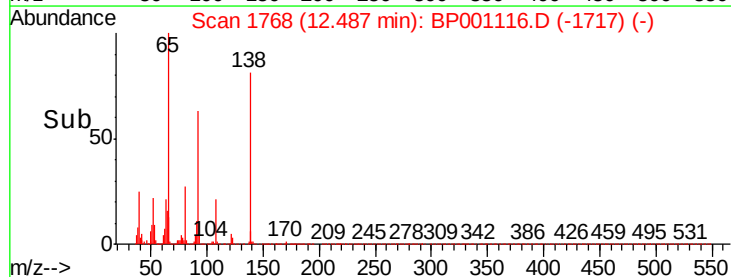
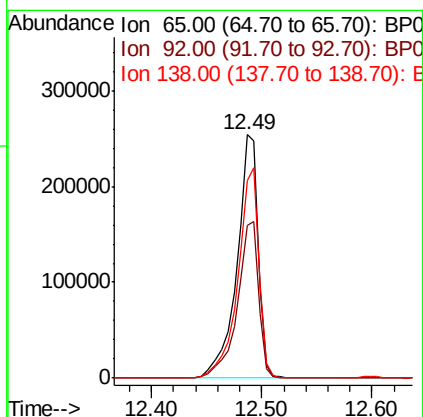
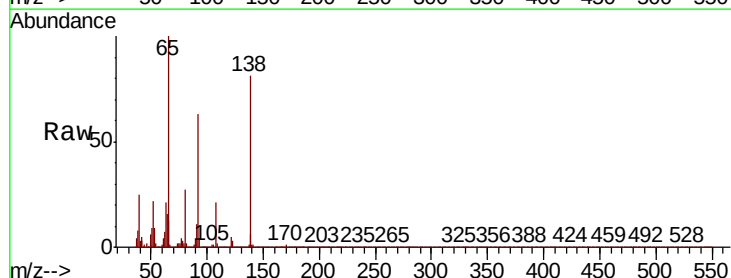
Instrument :
BNA_P
ClientSampleId :

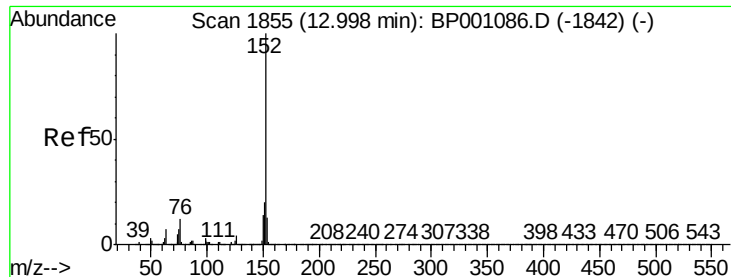
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.0	49.6
164	33.6	26.7	40.1



#48
2-Nitroaniline
Concen: 41.523 ng
RT: 12.49 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	51.6	77.4
138	81.4	67.3	100.9





#49

Acenaphthylene

Concen: 44.461 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

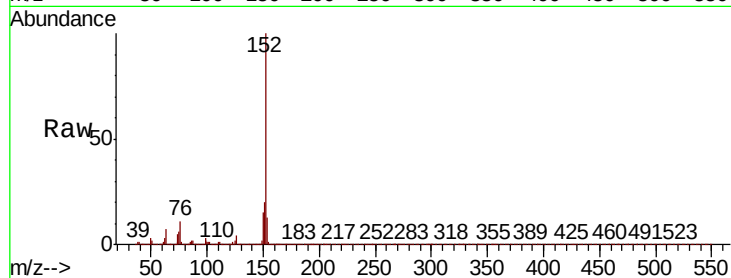
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1406413

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.8	10.2	15.4

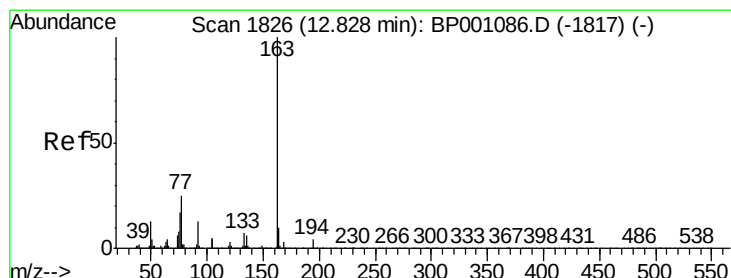
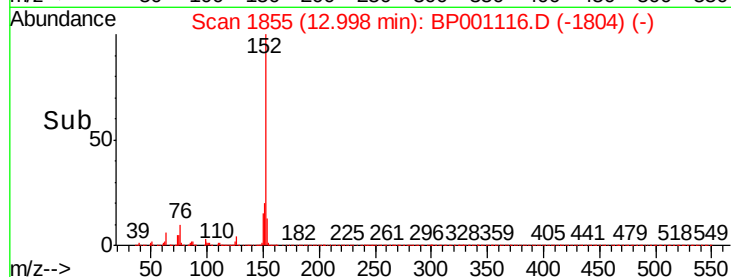
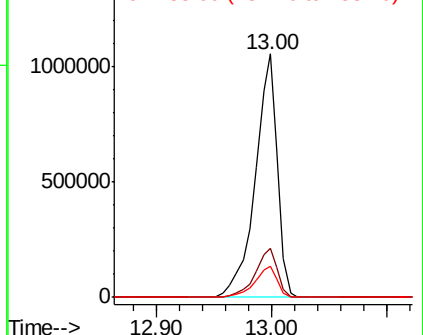


Abundance

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: 47.498 ng

RT: 12.83 min Scan# 1826

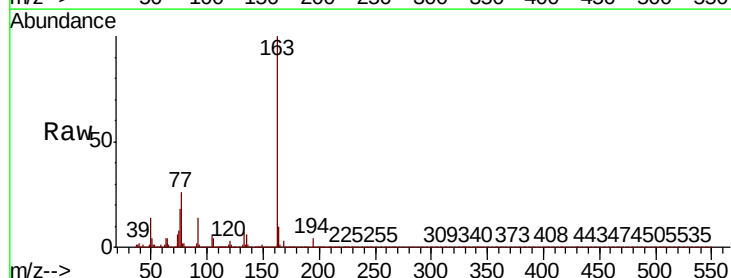
Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:163 Resp: 1214401

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.1	12.1

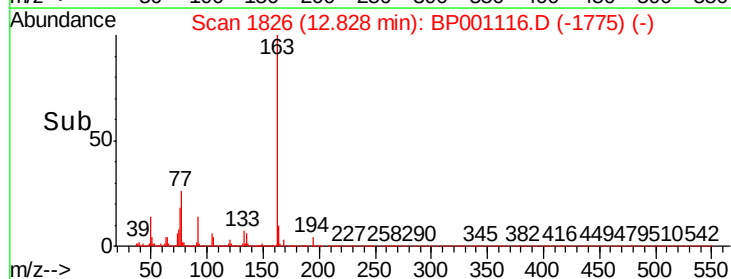
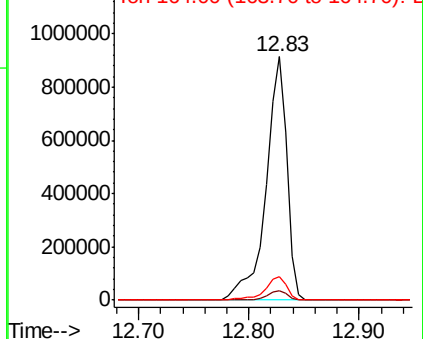


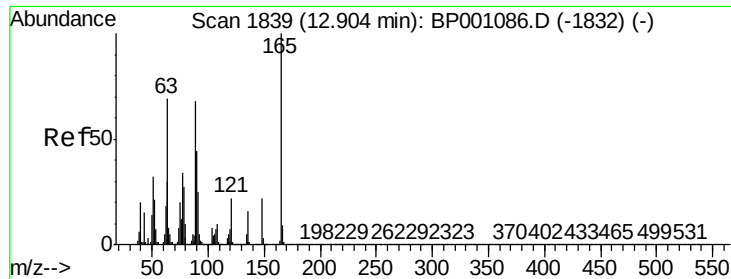
Abundance

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

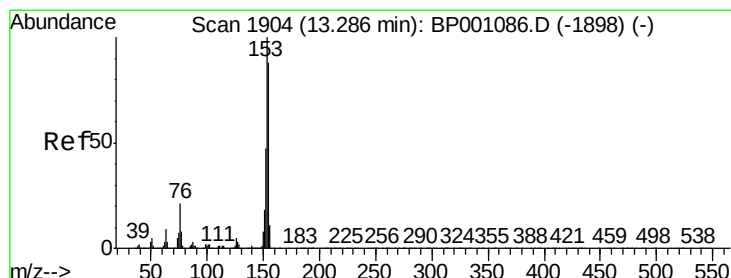
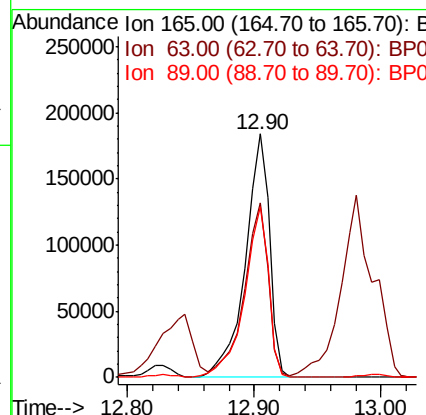
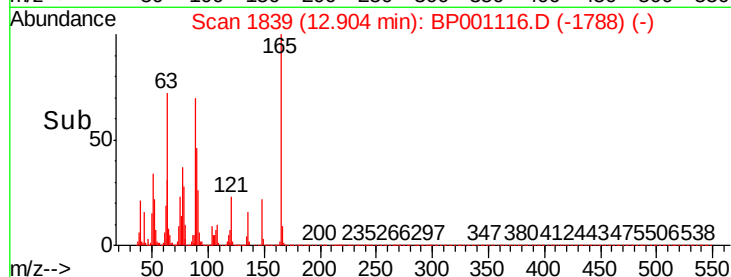
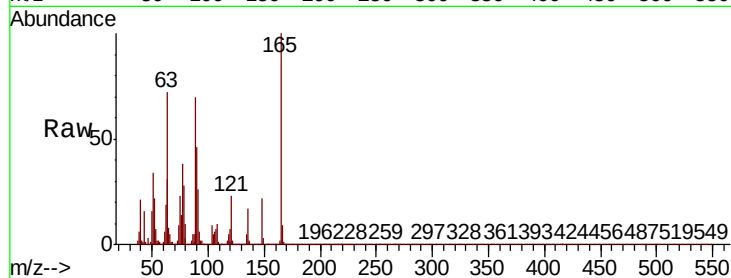




#51
2,6-Dinitrotoluene
Concen: 44.463 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

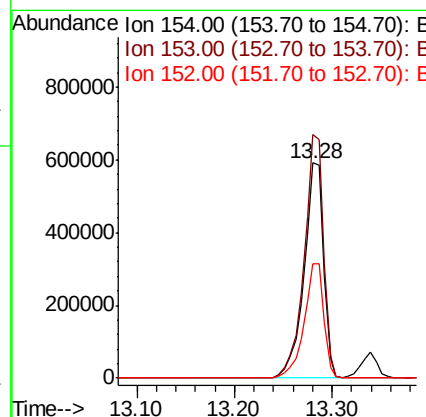
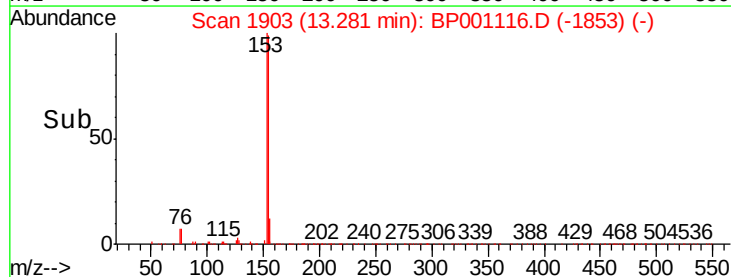
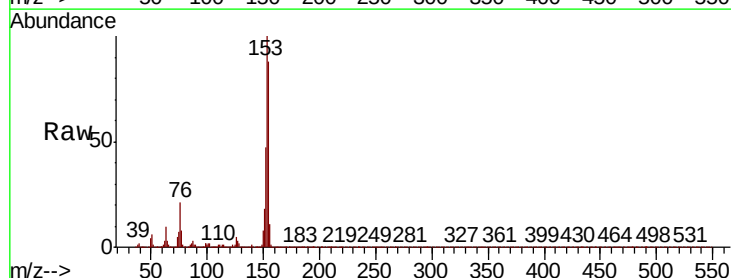
Instrument :
BNA_P
ClientSampleId :

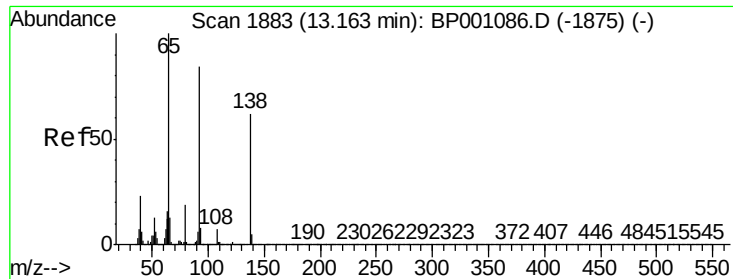
Tot Ion:165 Resp: 243350
Ion Ratio Lower Upper
165 100
63 71.8 55.6 83.4
89 70.1 54.1 81.1



#52
Acenaphthene
Concen: 43.134 ng
RT: 13.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:154 Resp: 820760
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 53.4 42.6 64.0

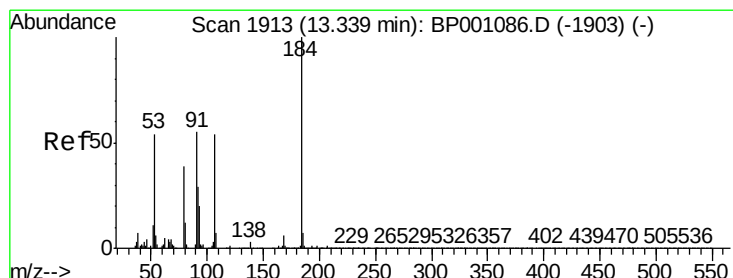
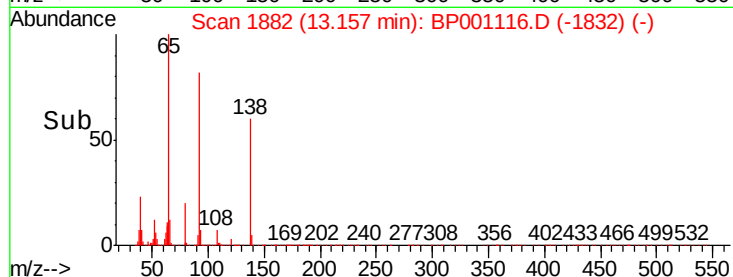
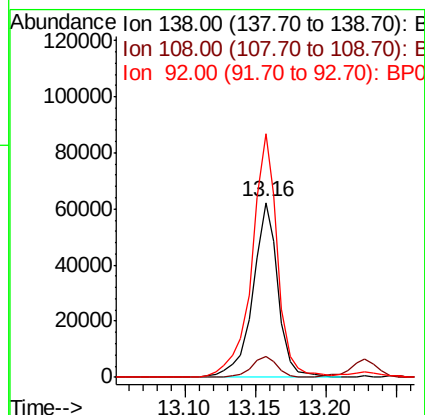
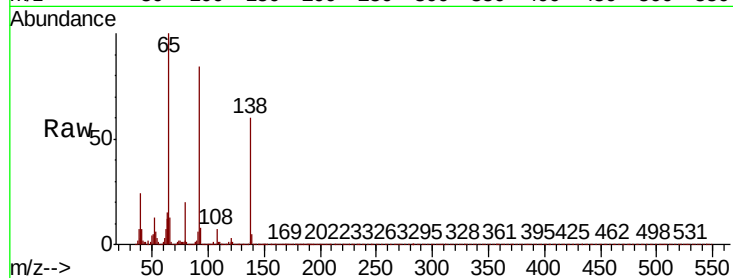




#53
3-Nitroaniline
Concen: 12.739 ng
RT: 13.16 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

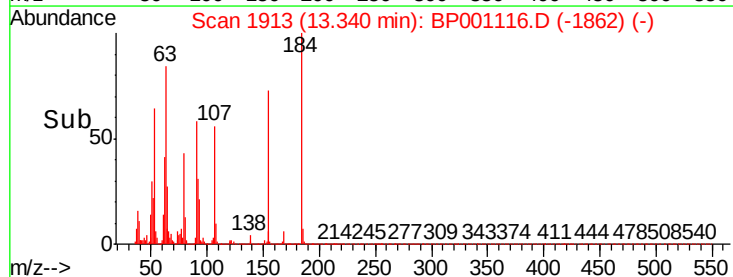
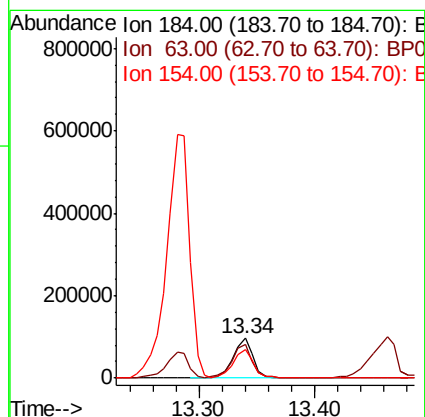
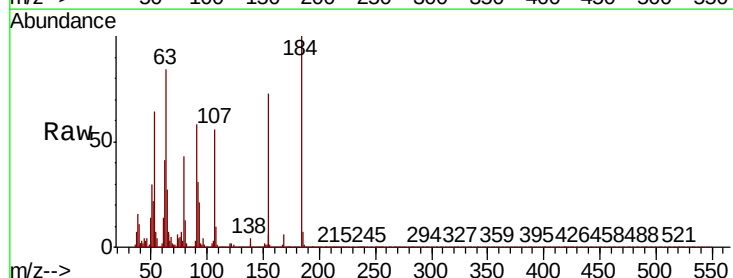
Instrument :
BNA_P
ClientSampled :

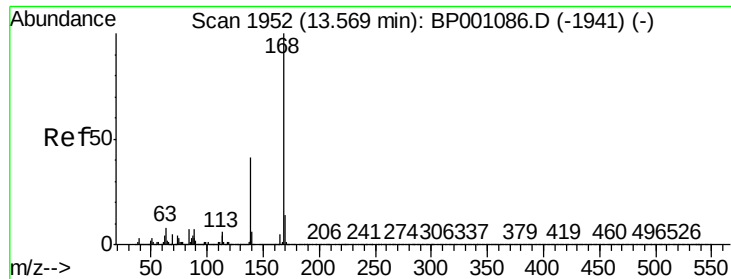
Tot Ion:138 Resp: 78323
Ion Ratio Lower Upper
138 100
108 12.3 9.2 13.8
92 139.2 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 55.019 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:184 Resp: 117550
Ion Ratio Lower Upper
184 100
63 84.1 60.7 91.1
154 73.1 56.2 84.2

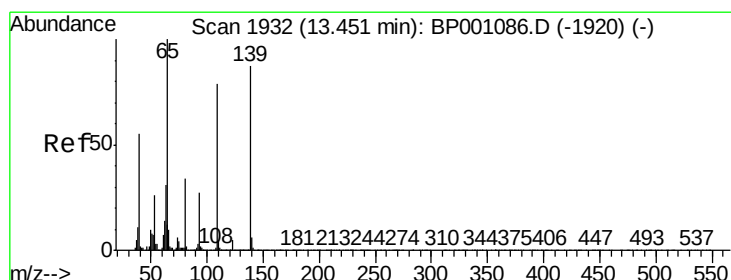
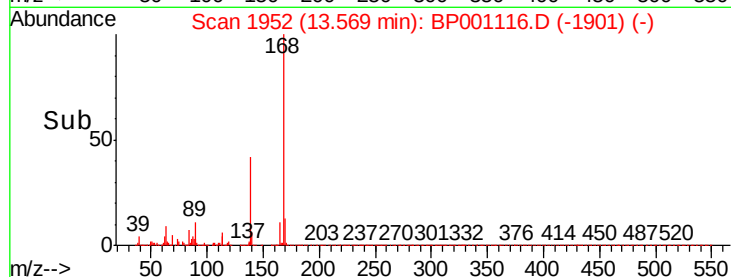
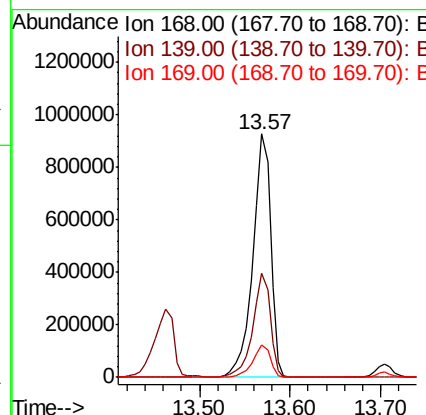
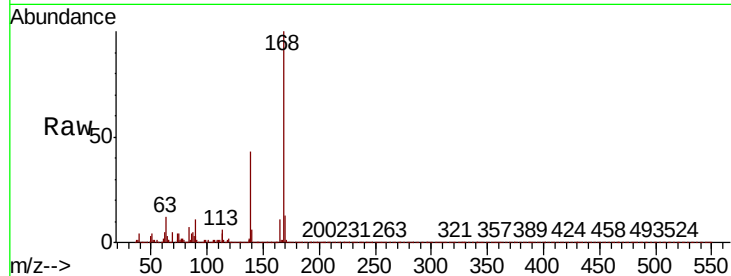




#55
Dibenzofuran
Concen: 43.891 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

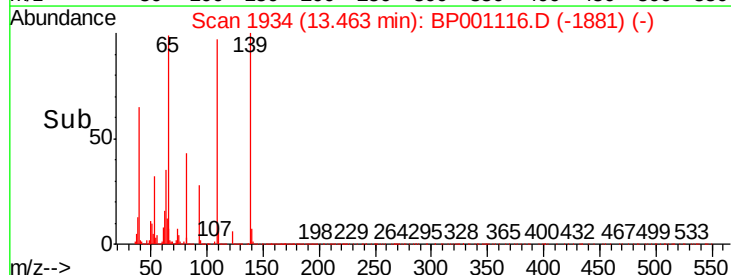
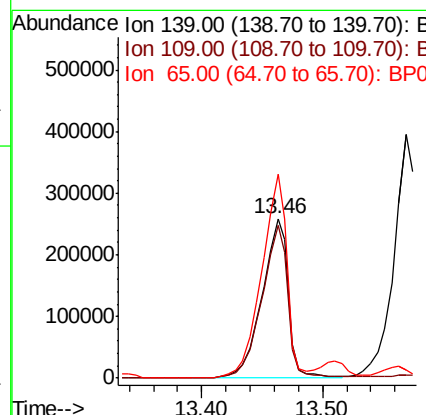
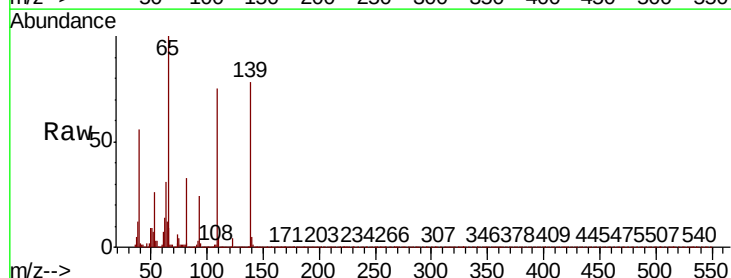
Instrument :
BNA_P
ClientSampleId :

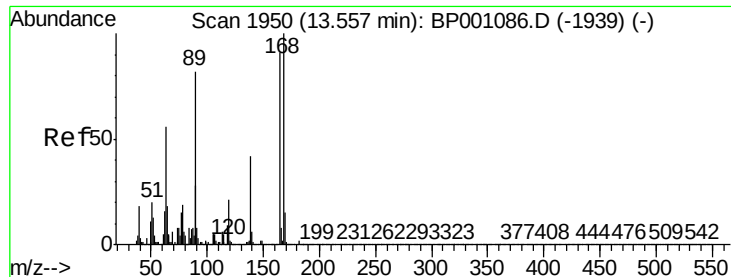
Tot Ion:168 Resp: 1255013
Ion Ratio Lower Upper
168 100
139 42.6 32.8 49.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 90.226 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:139 Resp: 393077
Ion Ratio Lower Upper
139 100
109 96.2 70.9 110.9
65 127.7 95.2 135.2

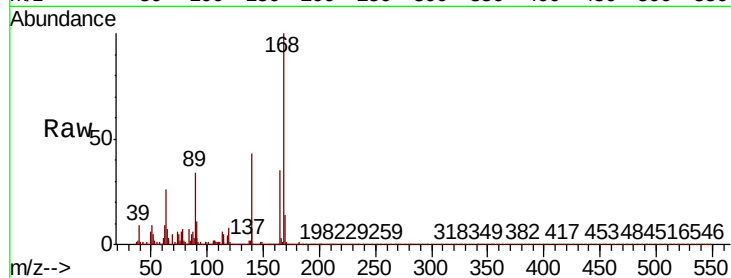




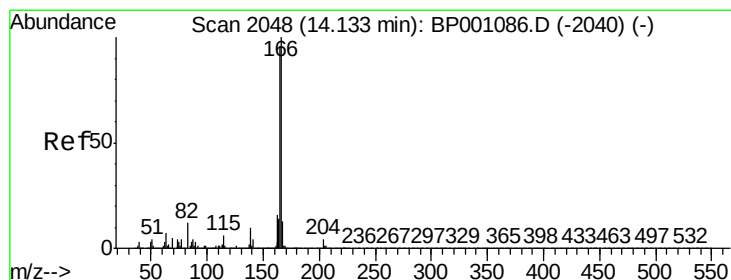
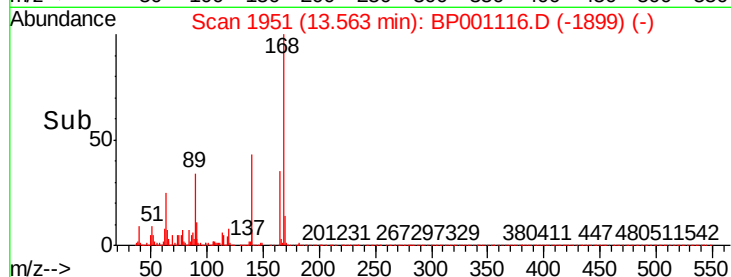
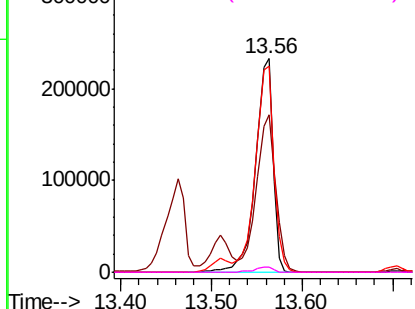
#57
2,4-Dinitrotoluene
Concen: 44.883 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 307908
Ion Ratio Lower Upper
165 100
63 73.9 49.4 74.2
89 96.3 72.1 108.1
182 2.6 2.0 3.0

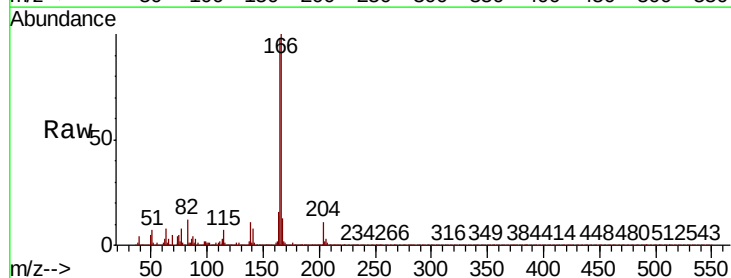


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

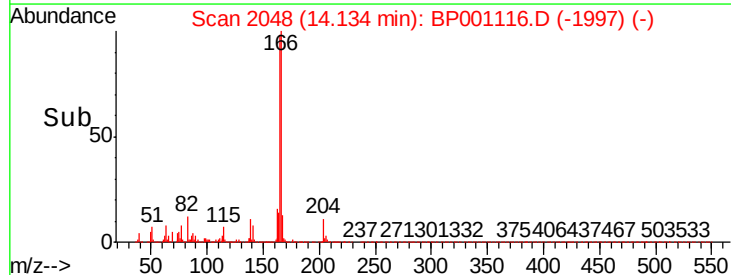
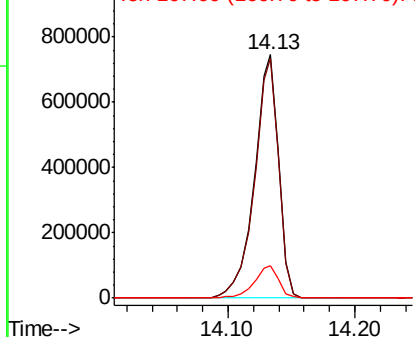


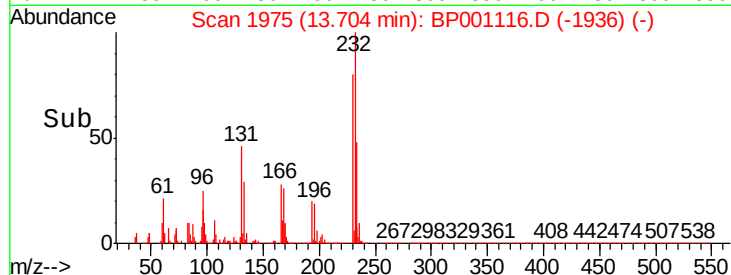
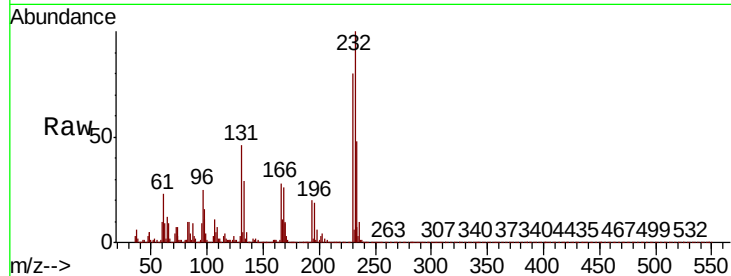
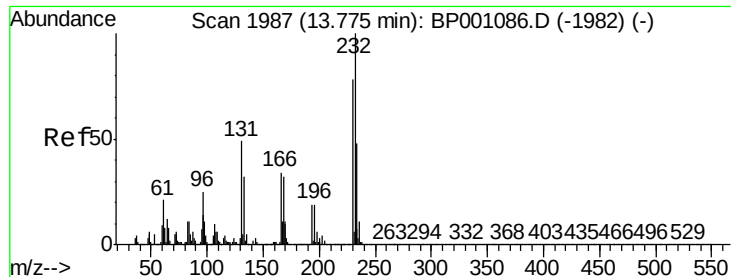
#58
Fluorene
Concen: 43.236 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:166 Resp: 990626
Ion Ratio Lower Upper
166 100
165 98.3 76.7 115.1
167 13.4 10.5 15.7



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

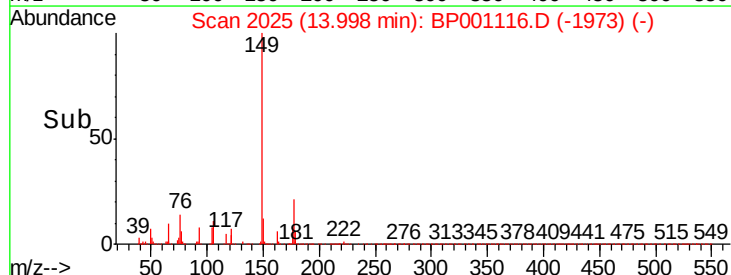
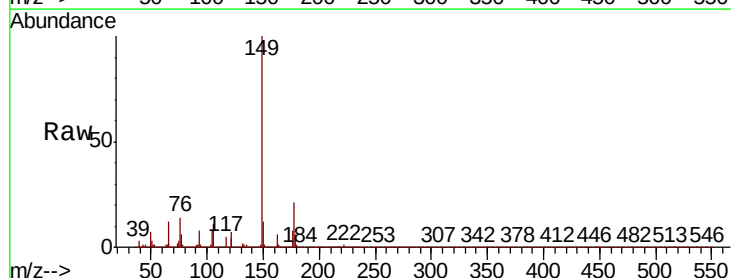
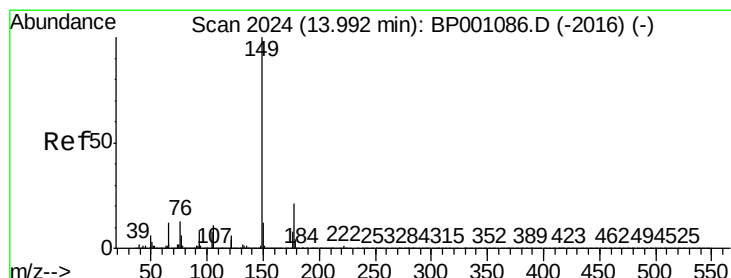
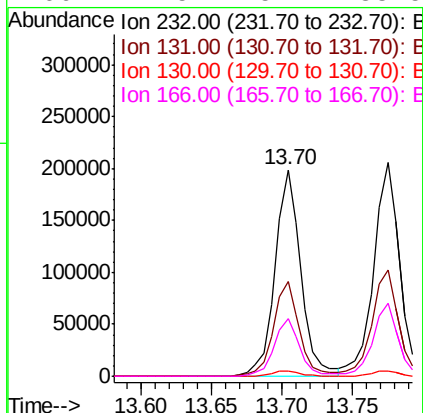




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.447 ng
RT: 13.70 min Scan# 1975
Delta R.T. -0.07 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

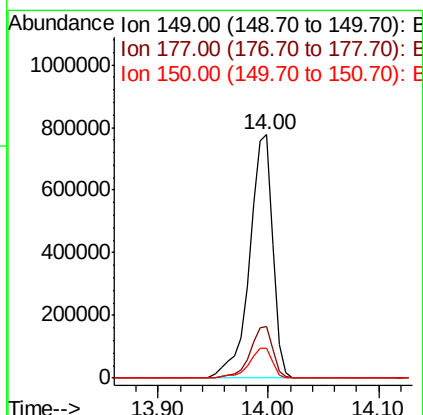
Instrument :
BNA_P
ClientSampleId :

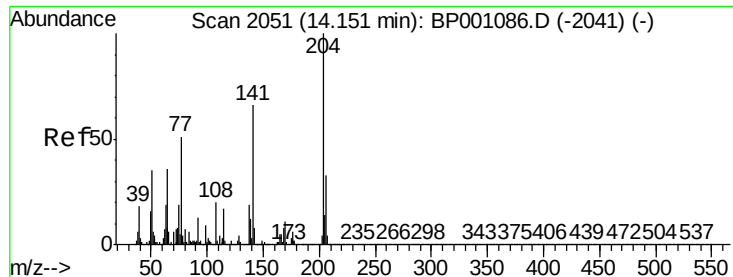
Tot Ion:	232	Resp:	254301
Ion	Ratio	Lower	Upper
232	100		
131	45.6	39.6	59.4
130	2.8	1.9	2.9
166	27.5	25.7	38.5



#60
Diethylphthalate
Concen: 43.111 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:	149	Resp:	1141283
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.4	9.9	14.9

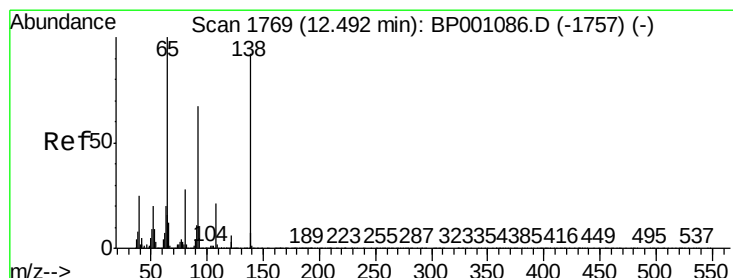
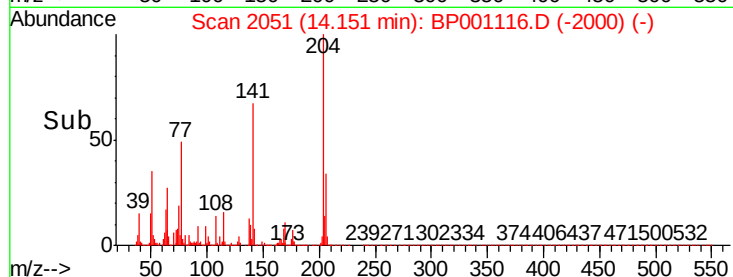
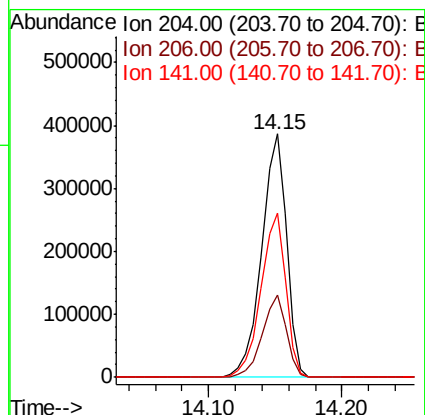
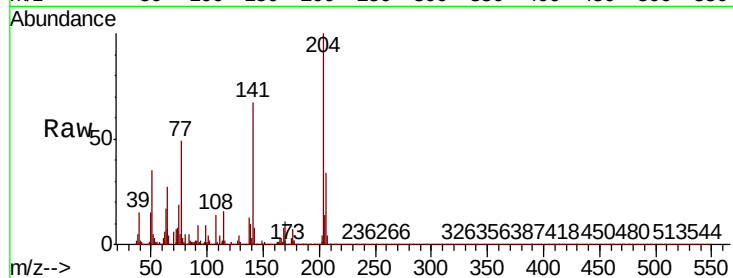




#61
4-Chlorophenyl-phenylether
Concen: 42.649 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

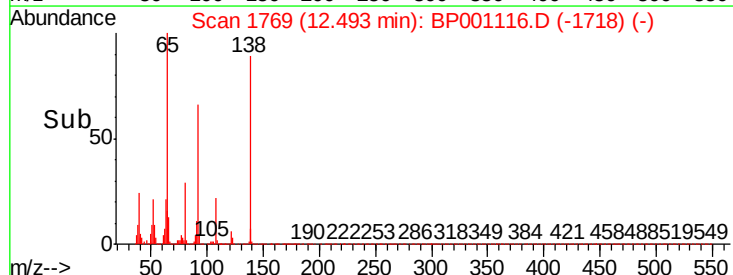
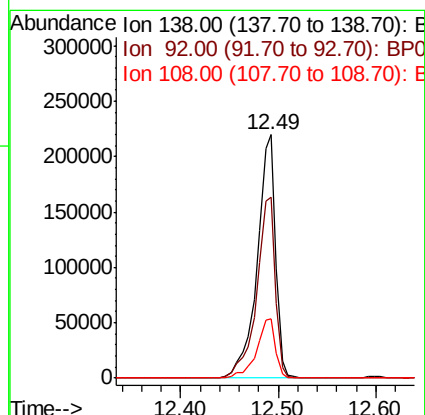
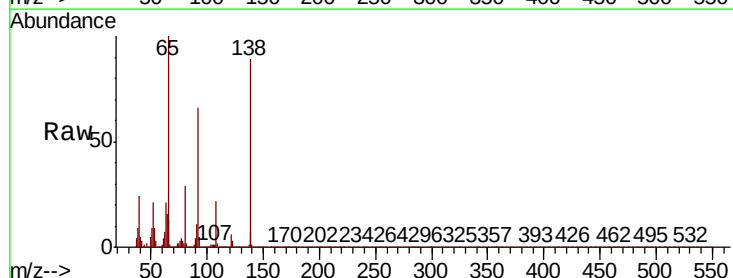
Instrument :
BNA_P
ClientSampled :

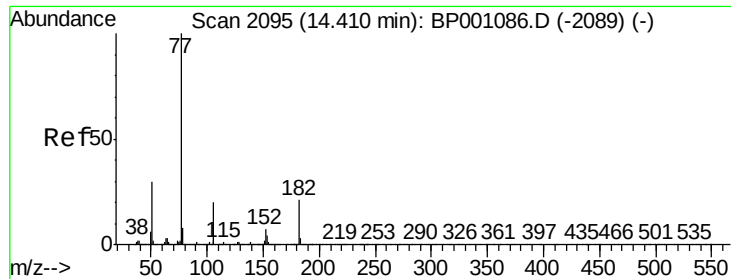
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.1	39.1
141	67.3	52.7	79.1



#62
4-Nitroaniline
Concen: 41.349 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	74.4	53.3	93.3
108	24.5	3.1	43.1

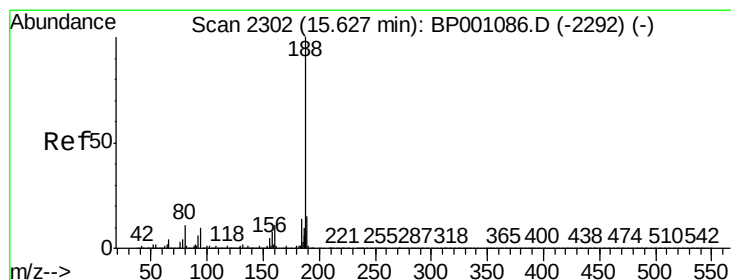
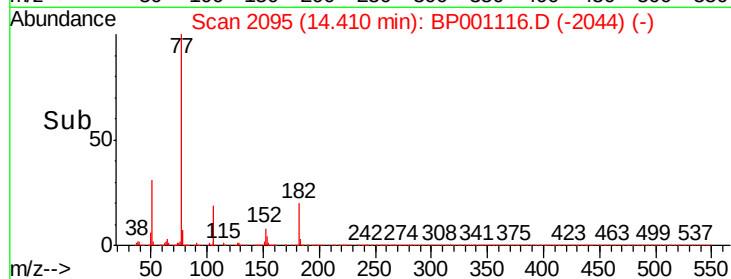
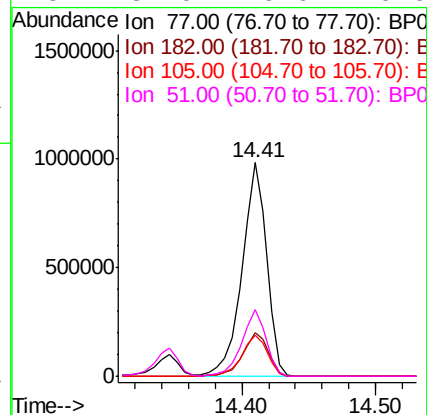
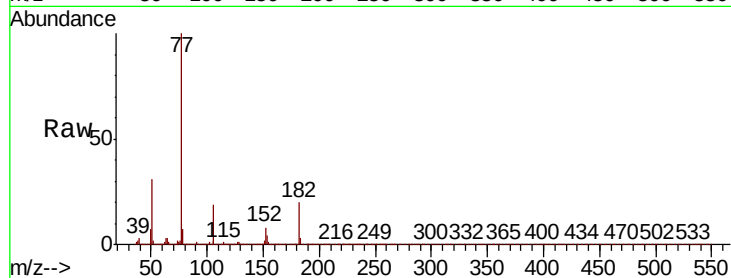




#63
Azobenzene
Concen: 43.694 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

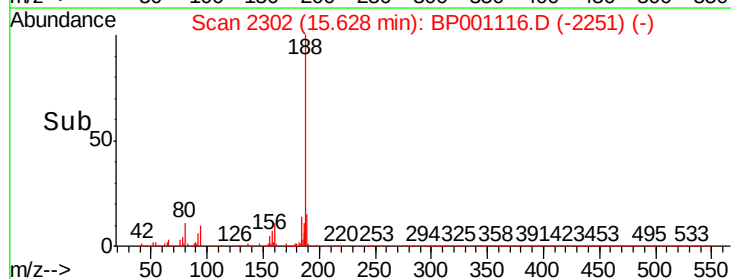
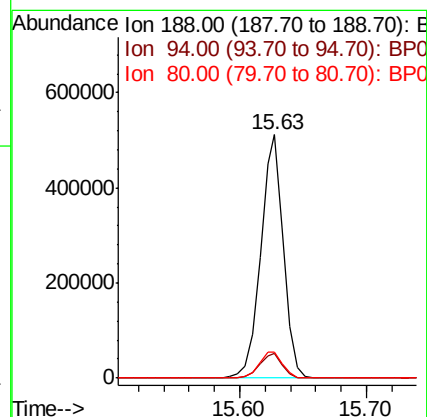
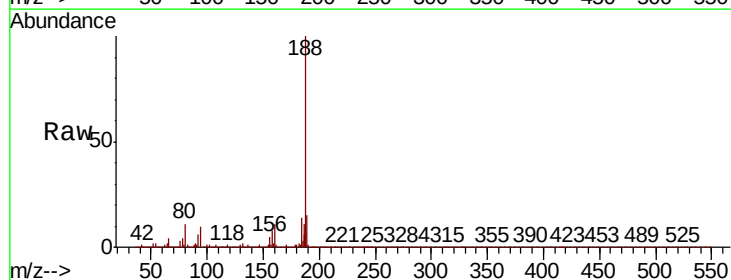
Instrument :
BNA_P
ClientSampled :

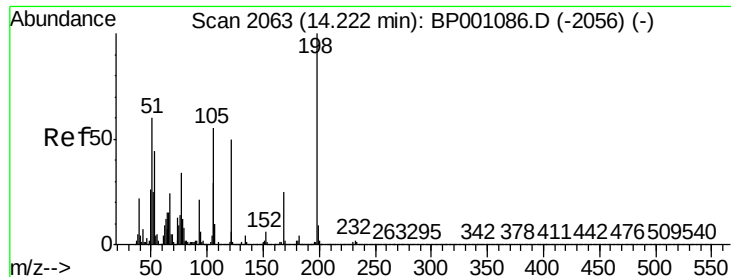
Tot Ion:	77	Resp:	1250335
Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.8	40.8
105	19.4	0.3	40.3
51	31.0	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:	188	Resp:	634630
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	10.9	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 37.355 ng

RT: 14.23 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

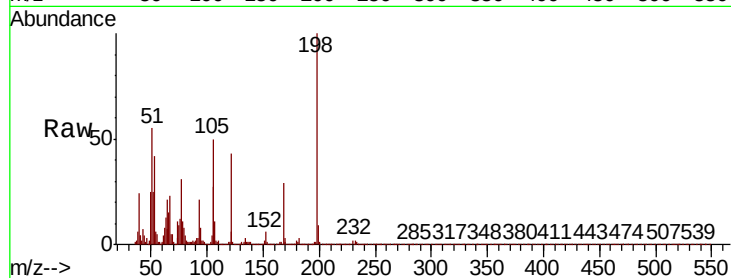
Instrument :

BNA_P

ClientSampleId :

Tot Ion:198 Resp: 97316

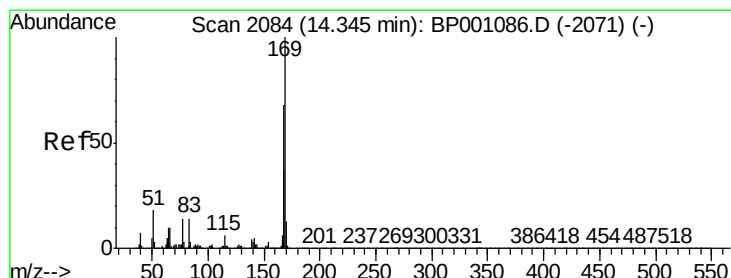
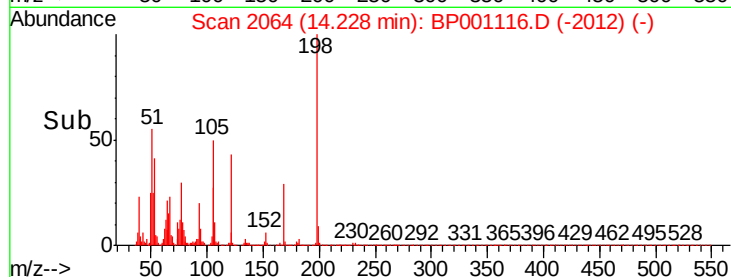
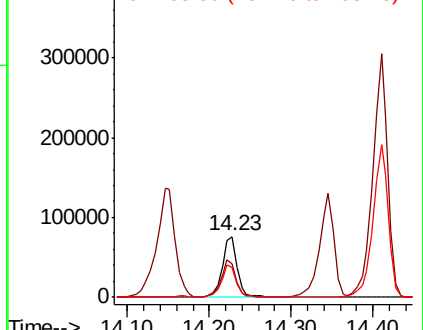
Ion	Ratio	Lower	Upper
198	100		
51	55.0	40.5	80.5
105	50.0	35.7	75.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.360 ng

RT: 14.35 min Scan# 2084

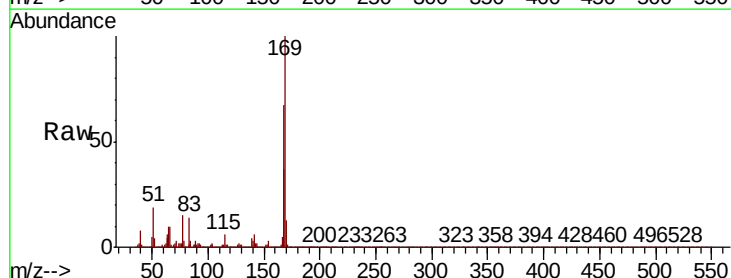
Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:169 Resp: 874679

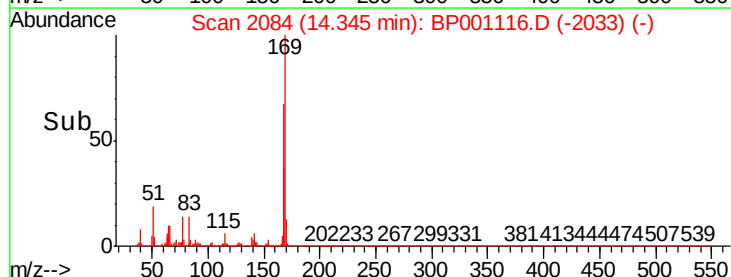
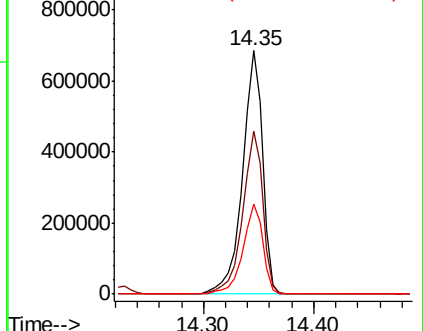
Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	36.9	29.5	44.3

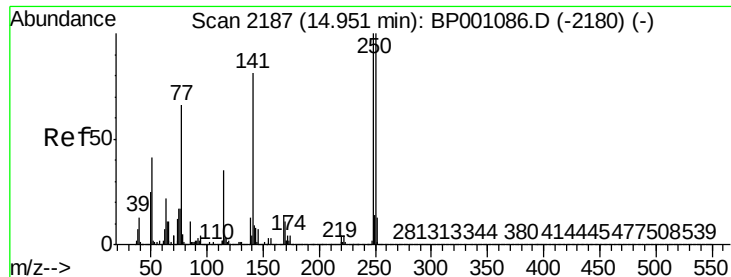


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

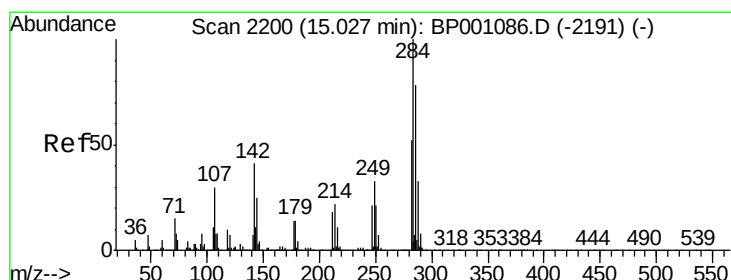
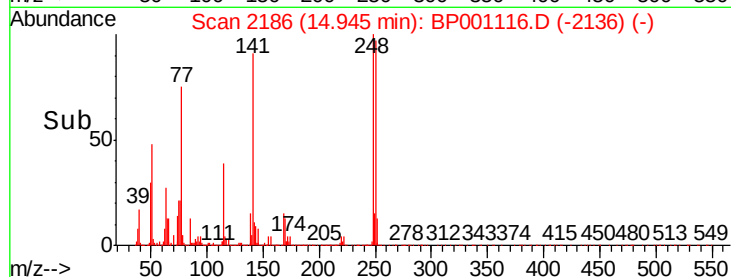
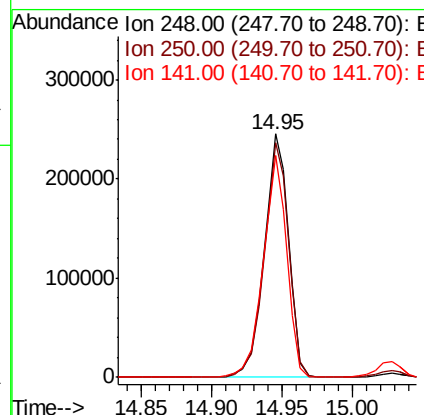
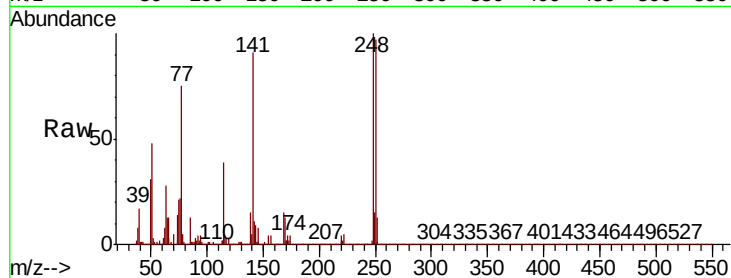




#67
4-Bromophenyl-phenylether
Concen: 43.320 ng
RT: 14.95 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

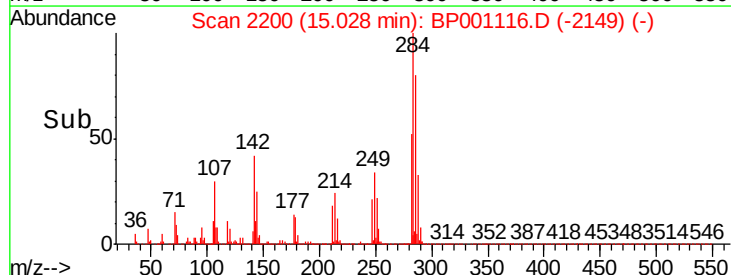
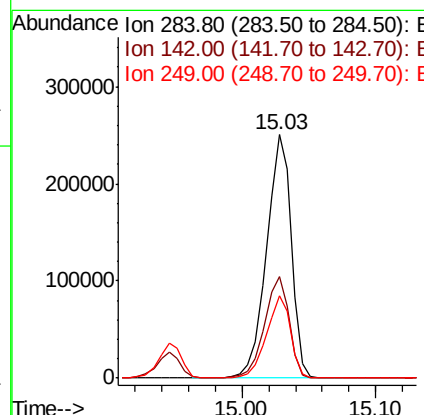
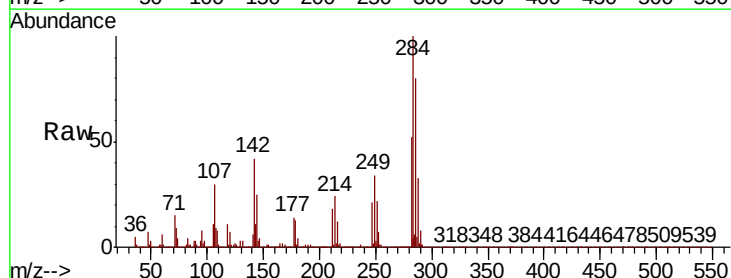
Instrument :
BNA_P
ClientSampleId :

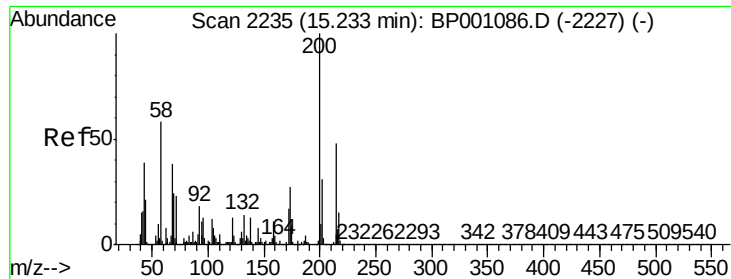
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	80.3	120.5
141	91.1	64.9	97.3



#68
Hexachlorobenzene
Concen: 42.197 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.9	33.2	49.8
249	33.6	26.2	39.4

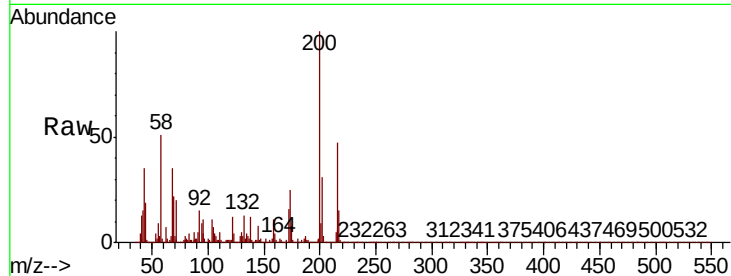




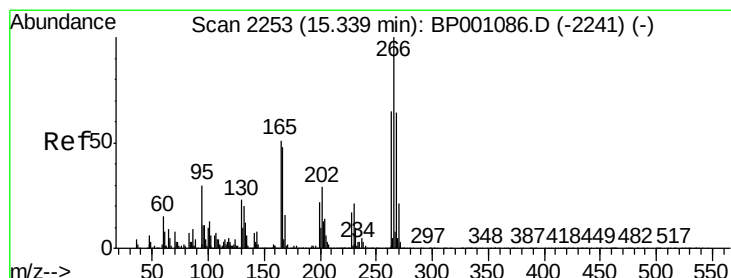
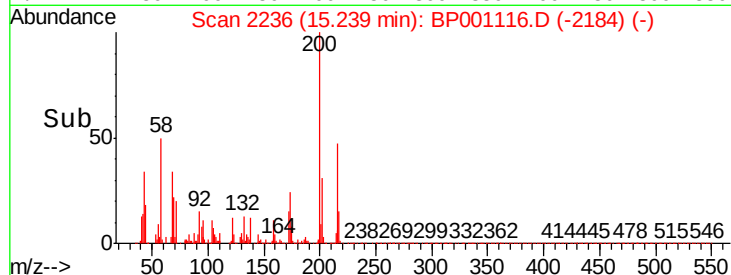
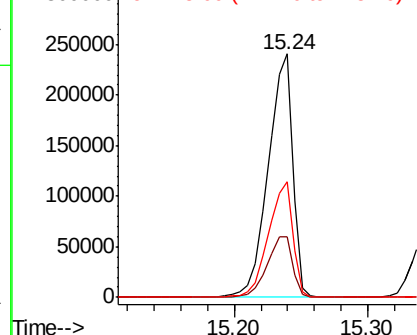
#69
Atrazine
Concen: 51.902 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 305578
Ion Ratio Lower Upper
200 100
173 25.0 6.7 46.7
215 47.4 27.9 67.9

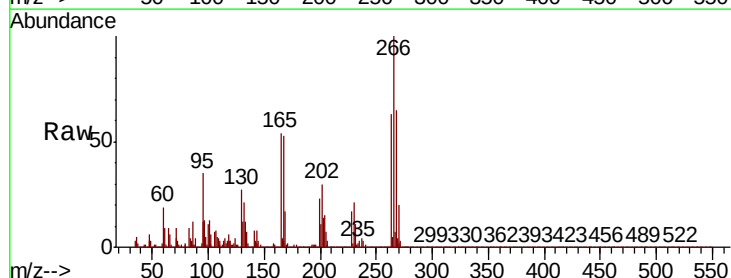


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

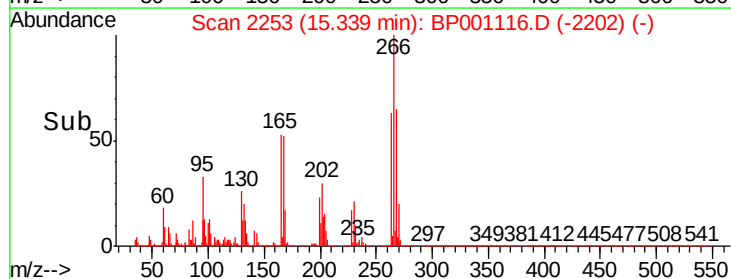
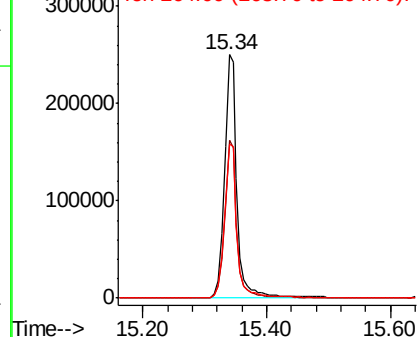


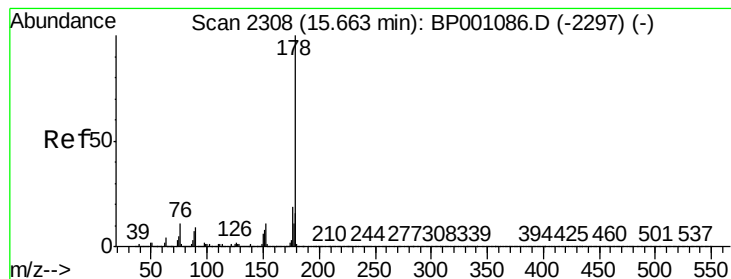
#70
Pentachlorophenol
Concen: 89.464 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:266 Resp: 353196
Ion Ratio Lower Upper
266 100
268 64.6 51.6 77.4
264 63.4 52.2 78.4



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





#71

Phenanthrene

Concen: 43.248 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

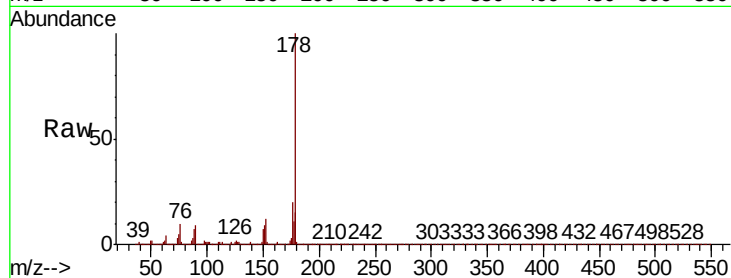
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1442950

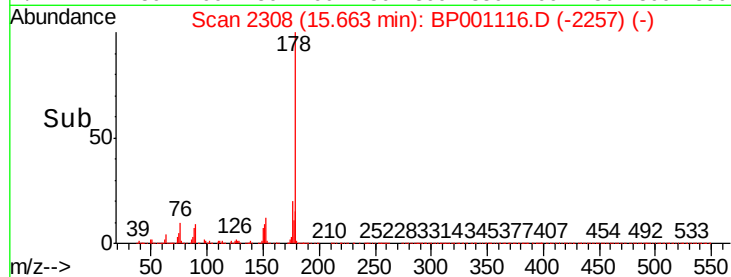
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.5	18.7



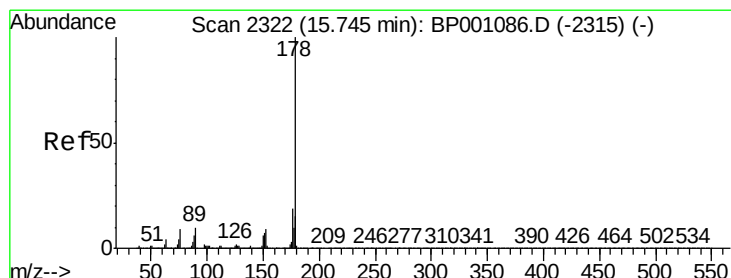
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 45.587 ng

RT: 15.74 min Scan# 2321

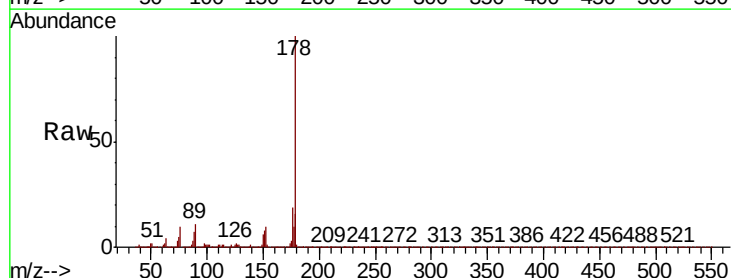
Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:178 Resp: 1499148

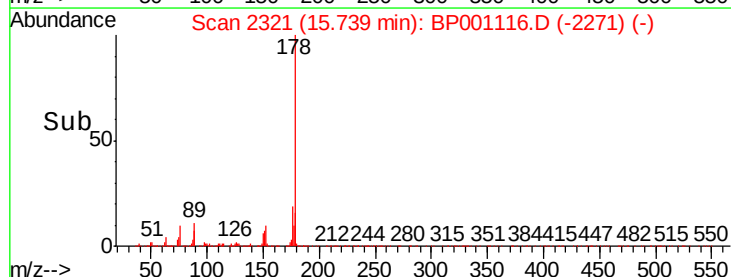
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.8	12.2	18.4



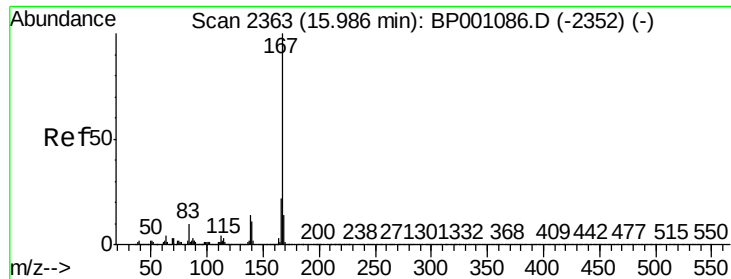
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

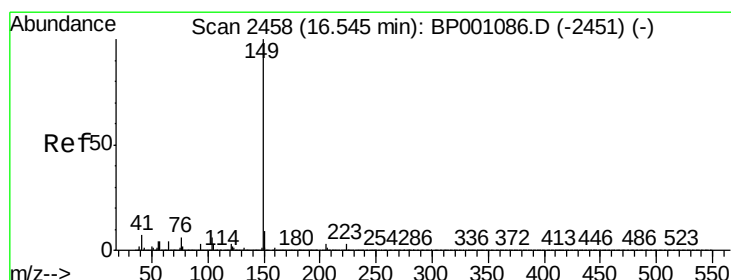
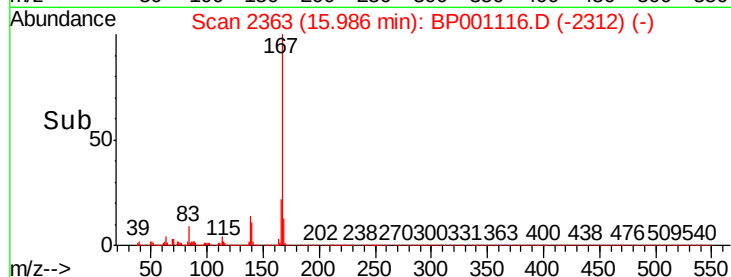
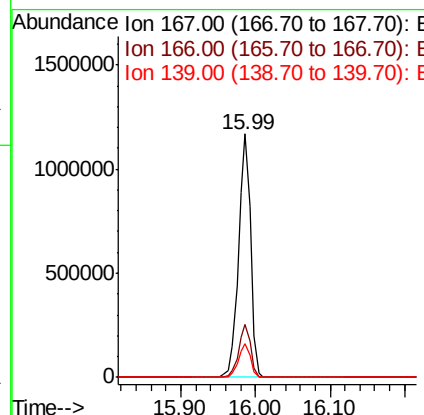
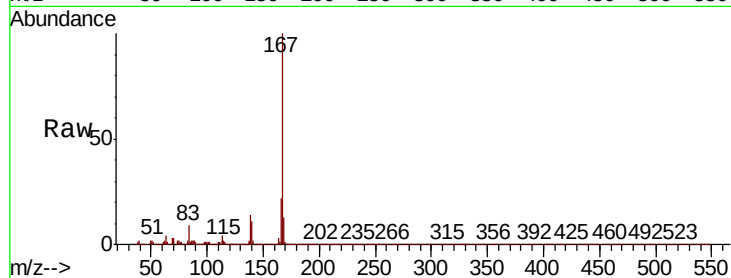


#73
 Carbazole
 Concen: 44.336 ng
 RT: 15.99 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1326733

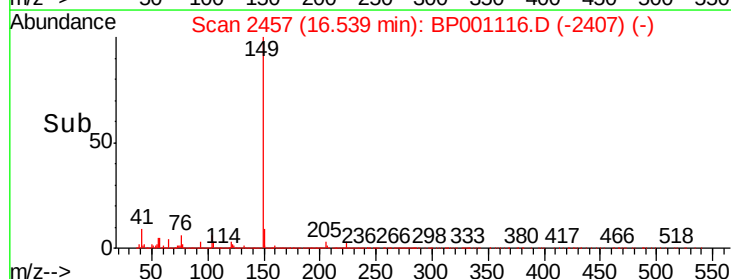
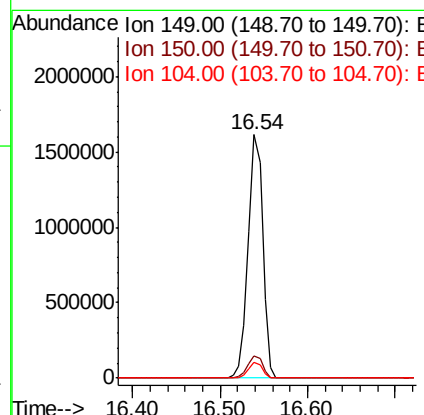
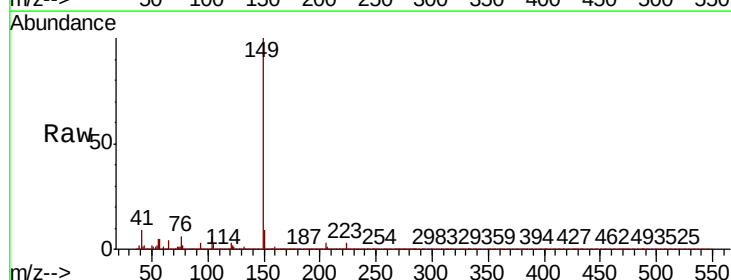
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	14.0	11.3	16.9

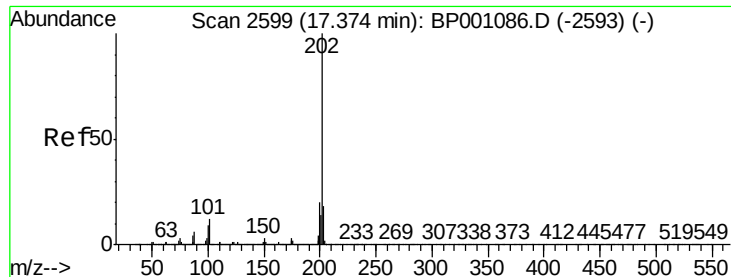


#74
 Di-n-butylphthalate
 Concen: 44.556 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BP001116.D
 Acq: 28 Nov 2019 09:16

Tgt Ion:149 Resp: 1792686

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.2	4.6	6.8





#75

Fluoranthene

Concen: 44.401 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

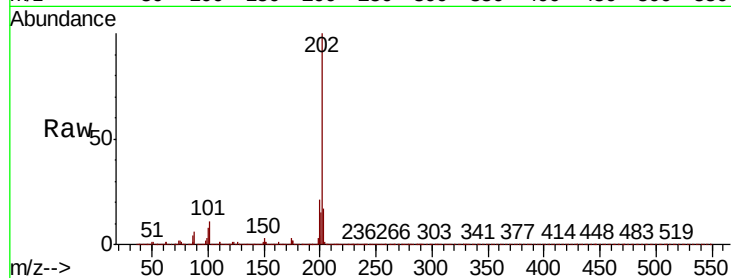
Tot Ion:202 Resp: 1568319

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.1
203	17.5	0.0	37.8

202 100

101 11.4 0.0 32.1

203 17.5 0.0 37.8

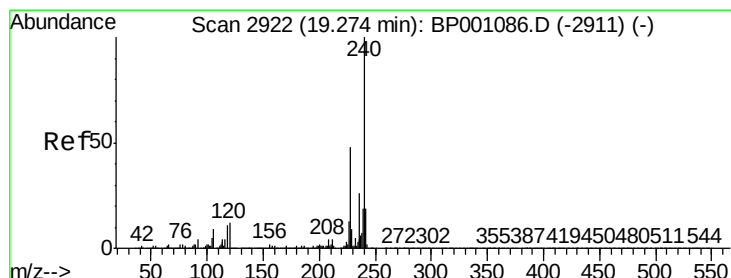
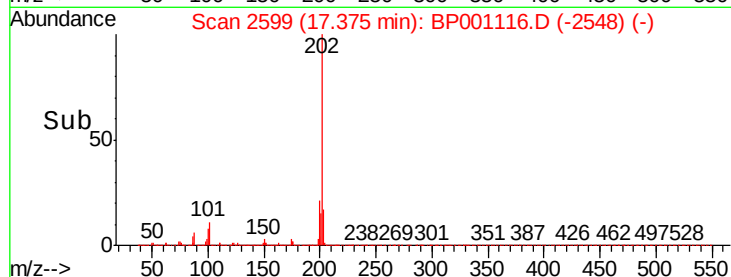
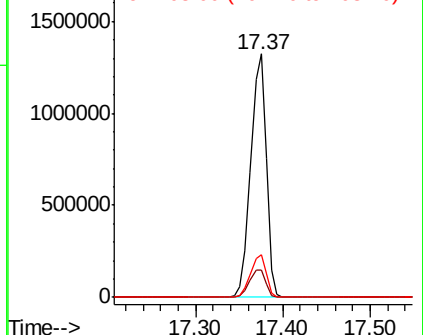


Abundance

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: BP001116.D

Acq: 28 Nov 2019 09:16

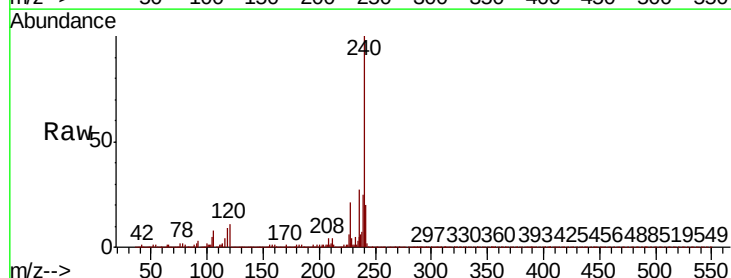
Tgt Ion:240 Resp: 460605

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	27.0	20.4	30.6

240 100

120 10.5 9.5 14.3

236 27.0 20.4 30.6

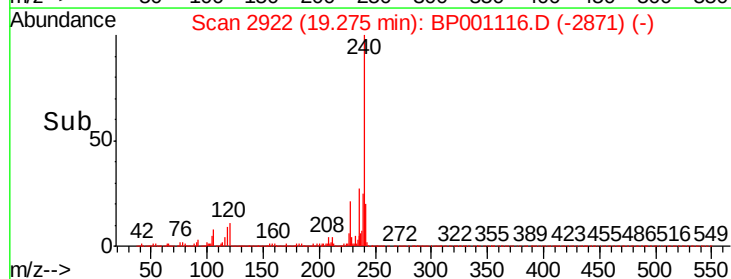
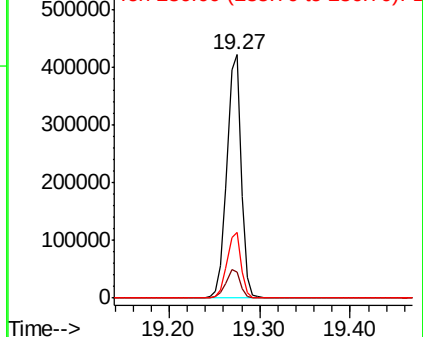


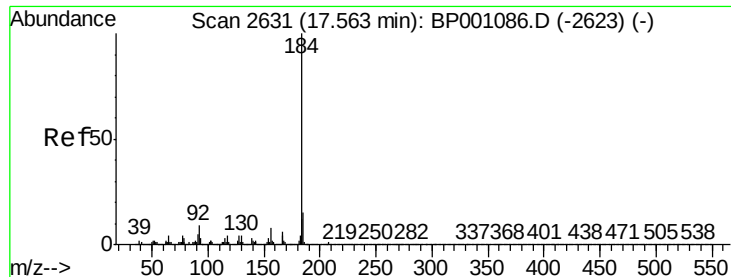
Abundance

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: 32.787 ng

RT: 17.56 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

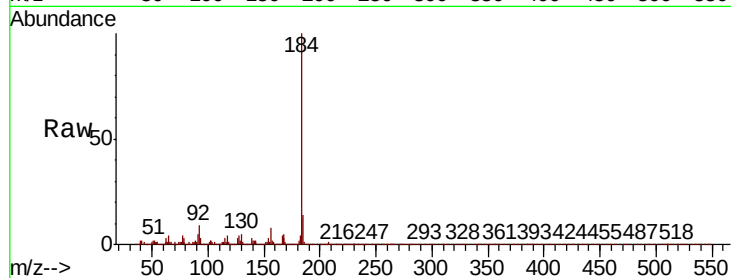
Instrument :

BNA_P

ClientSampled :

Tot Ion:184 Resp: 389916

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	11.8	9.3	13.9

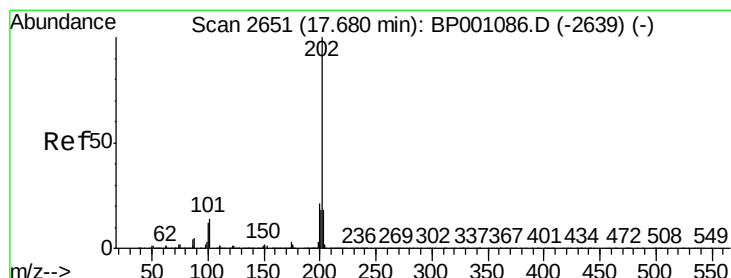
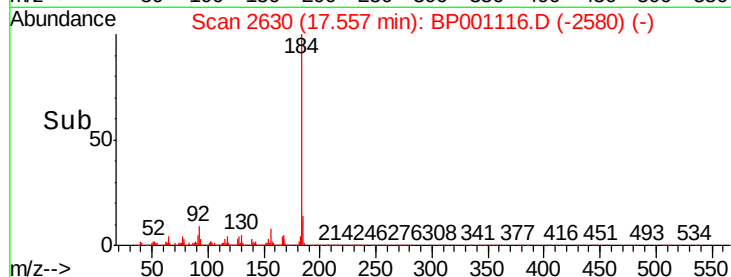
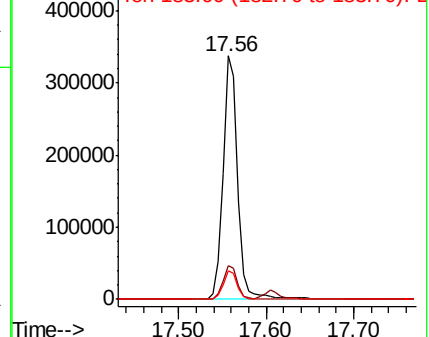


Abundance

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



#78

Pyrene

Concen: 43.336 ng

RT: 17.68 min Scan# 2651

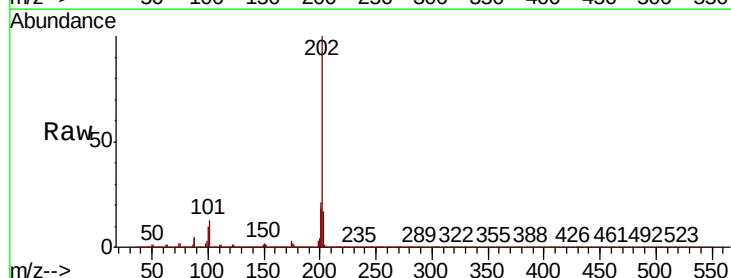
Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:202 Resp: 1572156

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.1	14.1	21.1

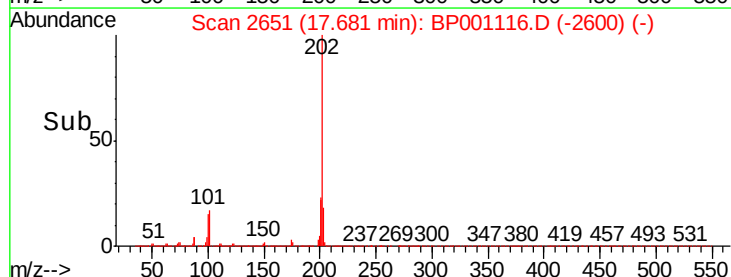
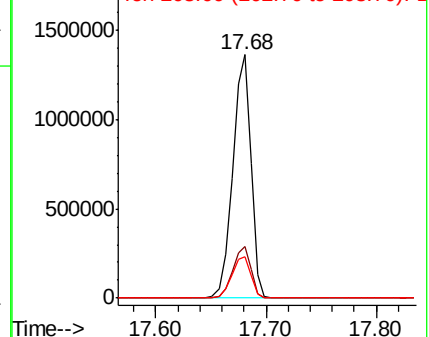


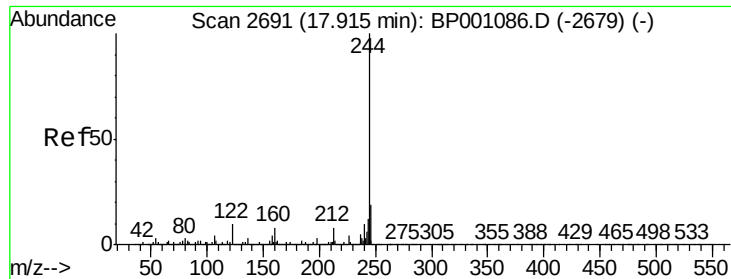
Abundance

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





#79

Terphenyl-d14

Concen: 89.203 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

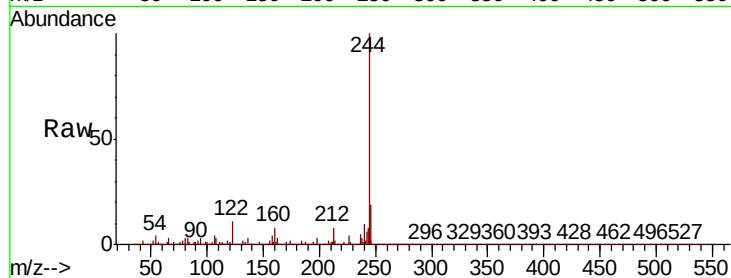
Instrument :

BNA_P

ClientSampled :

Tot Ion:244 Resp: 2220820

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.4	8.2	12.2

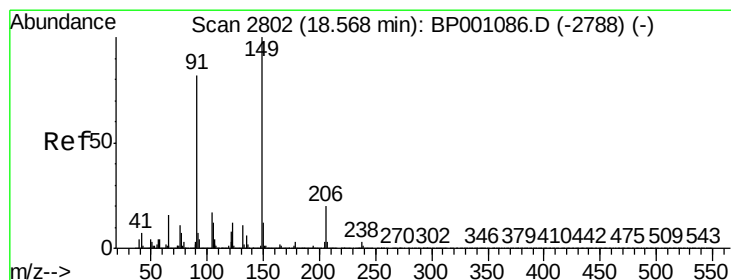
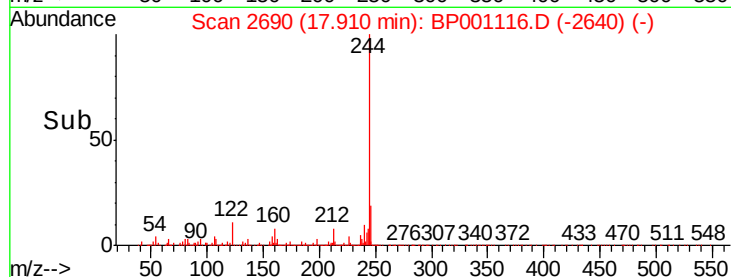
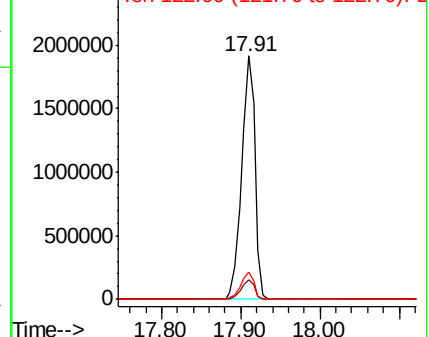


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.386 ng

RT: 18.56 min Scan# 2801

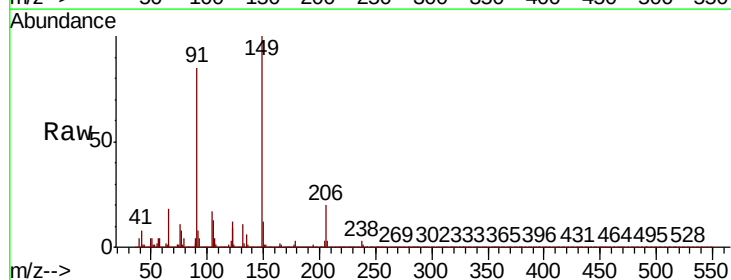
Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Tgt Ion:149 Resp: 760506

Ion	Ratio	Lower	Upper
149	100		
91	84.8	65.4	98.2
206	19.9	16.0	24.0

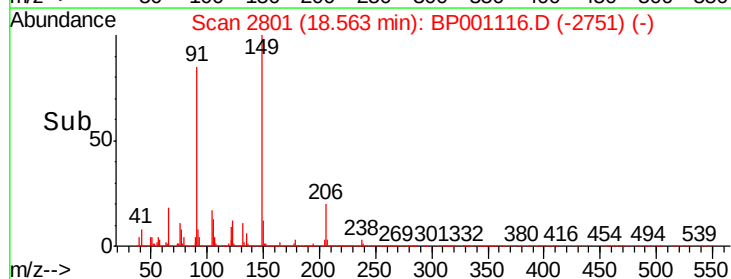
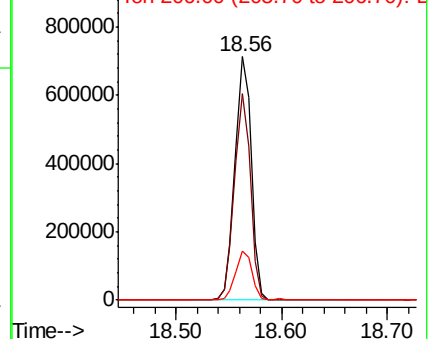


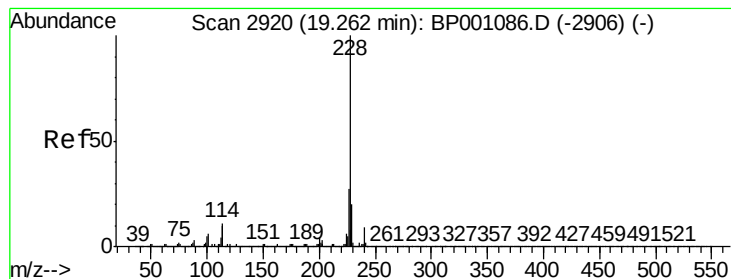
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.291 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

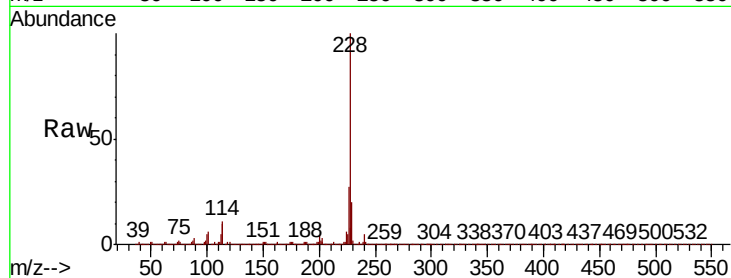
Tot Ion:228 Resp: 1414461

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.6	15.8	23.6

228 100

226 27.2 21.8 32.6

229 19.6 15.8 23.6

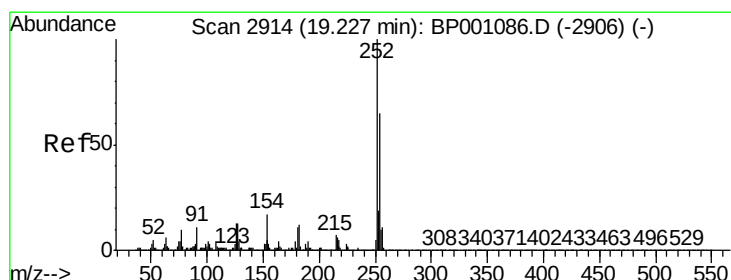
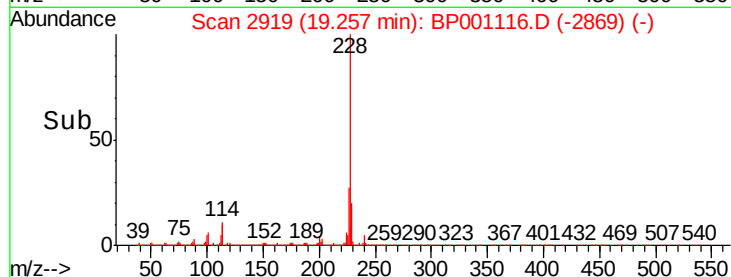
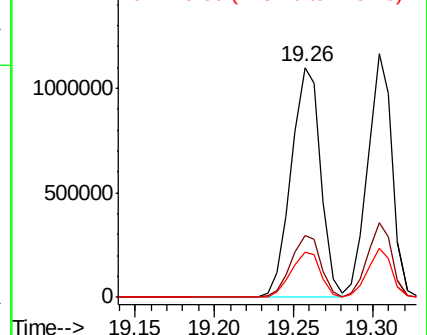


Abundance

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: 16.888 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

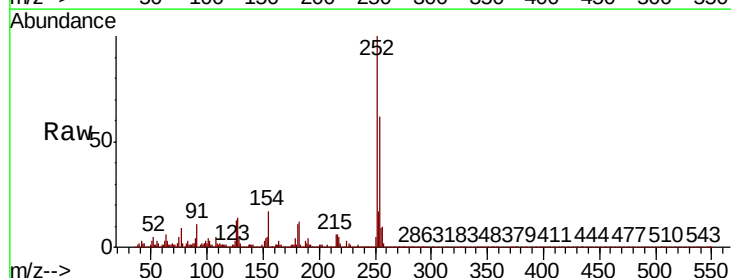
Tgt Ion:252 Resp: 178168

Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.7	77.5
126	13.0	10.2	15.4

252 100

254 62.5 51.7 77.5

126 13.0 10.2 15.4

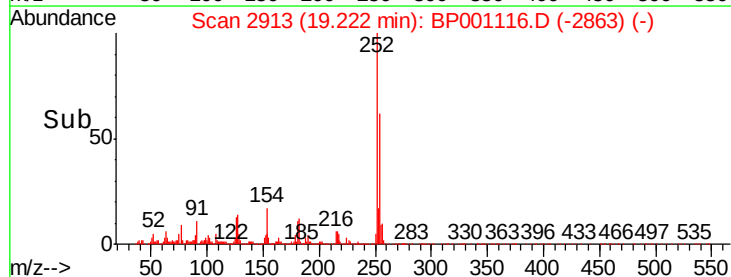
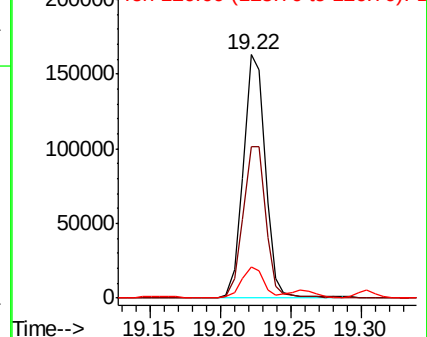


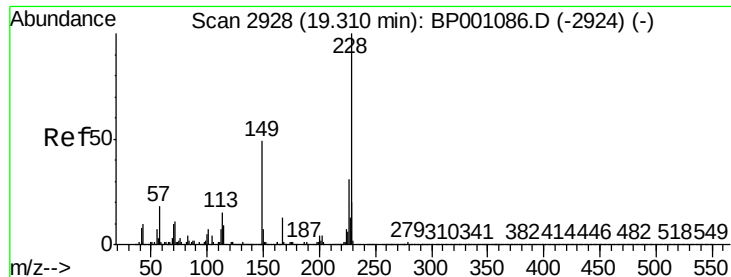
Abundance

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: 44.152 ng

RT: 19.30 min Scan# 2927

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

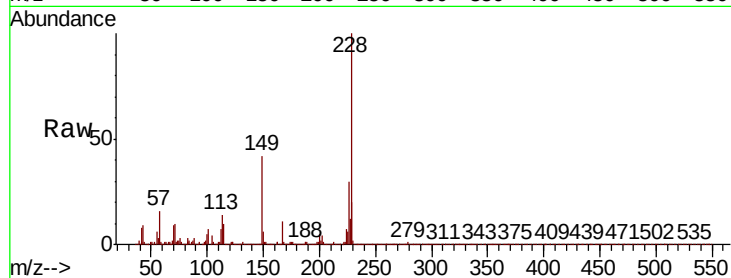
Tot Ion:228 Resp: 1262613

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.2 15.7 23.5

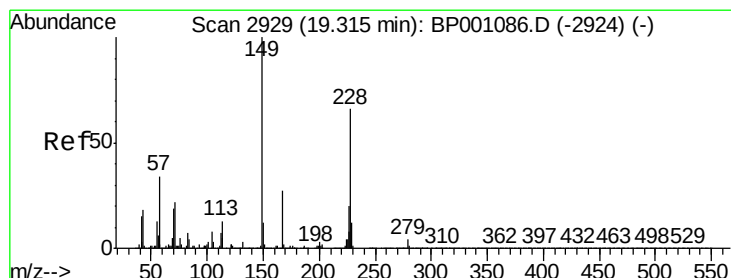
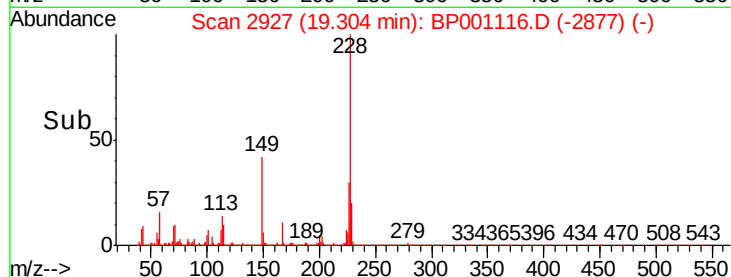
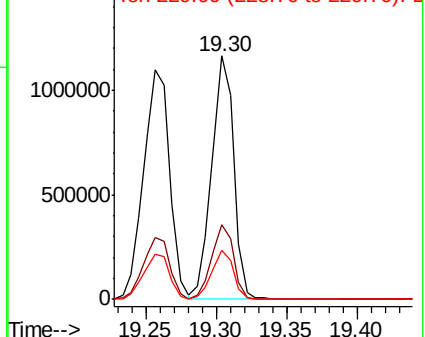


Abundance

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: 46.348 ng

RT: 19.32 min Scan# 2929

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

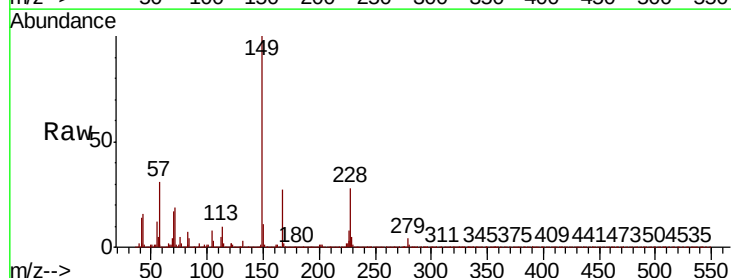
Tgt Ion:149 Resp: 1067759

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 3.8 2.8 4.2

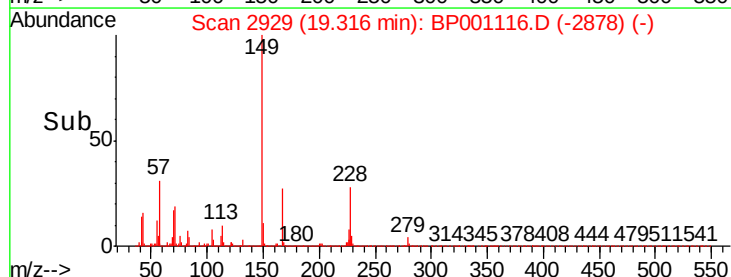
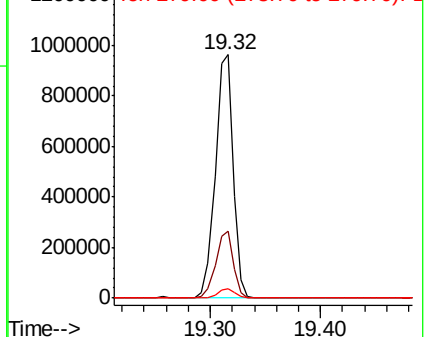


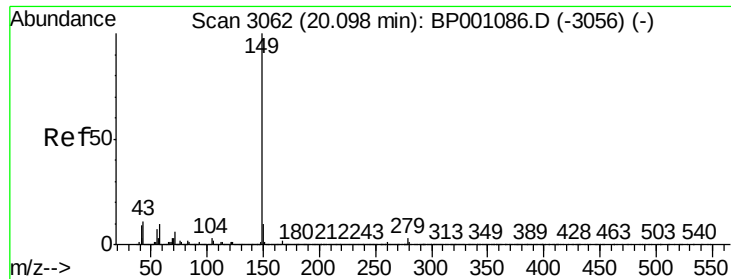
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

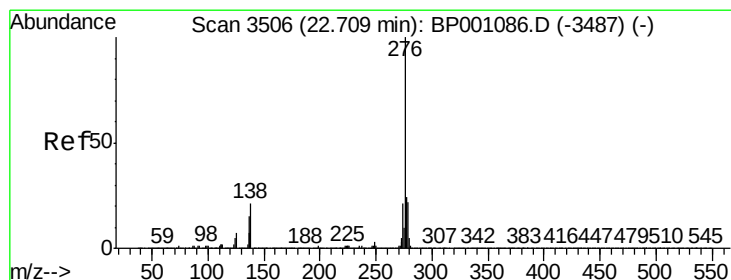
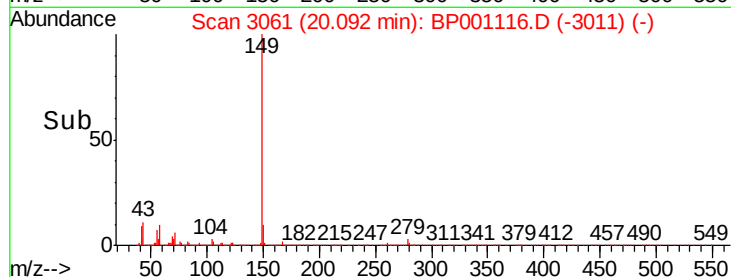
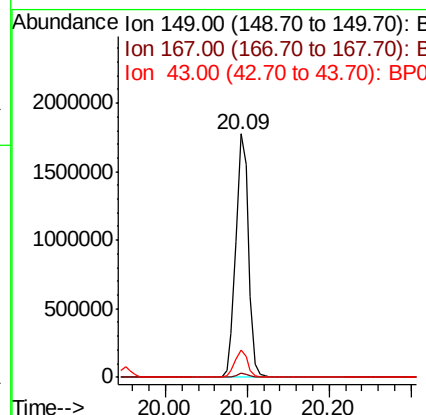
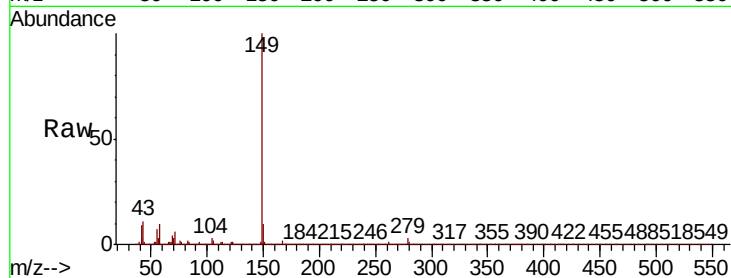




#85
Di-n-octyl phthalate
Concen: 47.094 ng
RT: 20.09 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

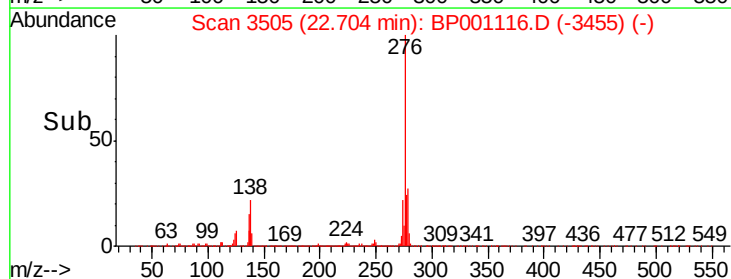
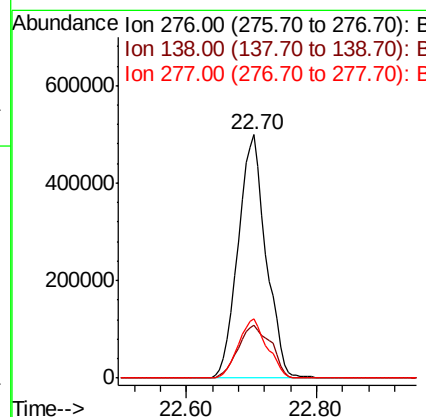
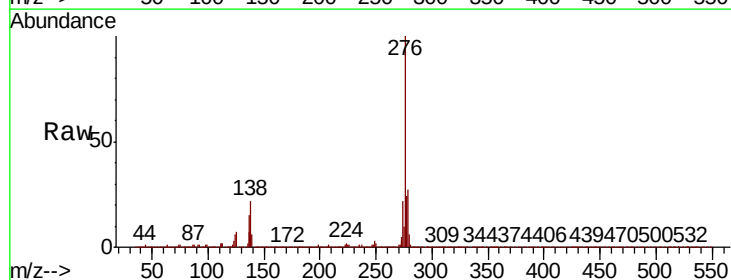
Instrument :
BNA_P
ClientSampleId :

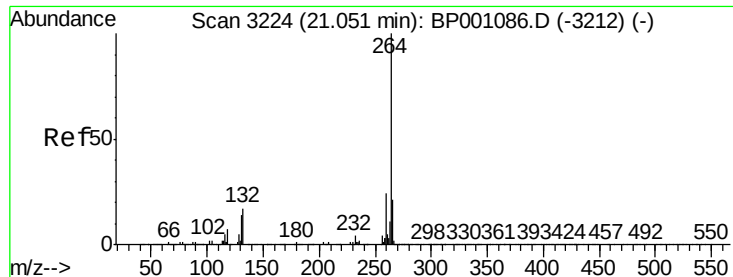
Tot Ion:149 Resp: 1927296
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 8.5 12.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.033 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:276 Resp: 1484011
Ion Ratio Lower Upper
276 100
138 25.6 20.6 30.8
277 25.4 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampled :

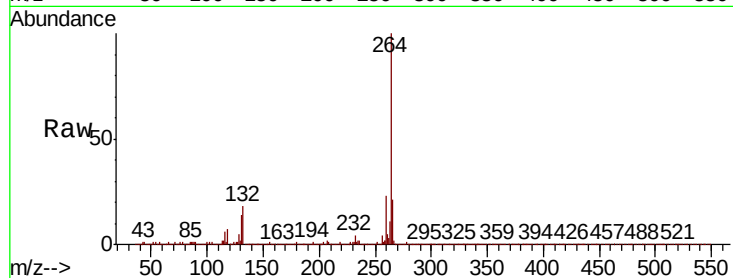
Tot Ion:264 Resp: 494292

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

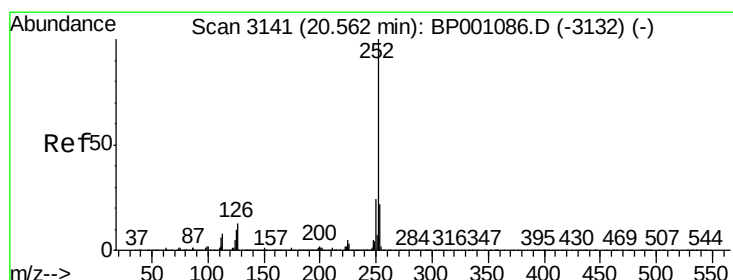
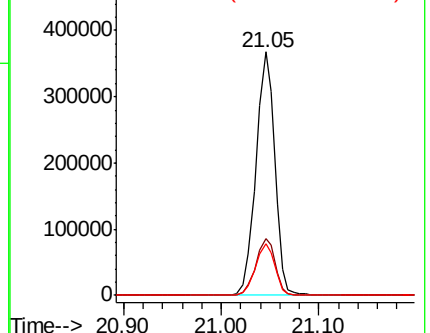
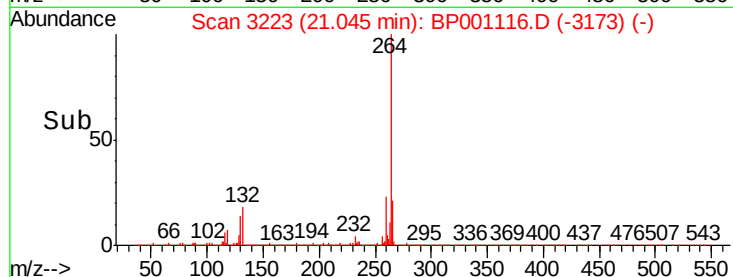
265 21.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.212 ng

RT: 20.56 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

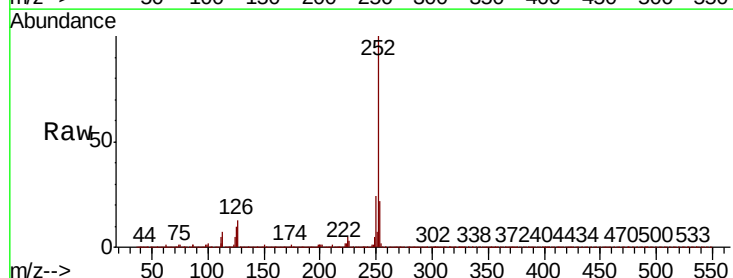
Tgt Ion:252 Resp: 1334826

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

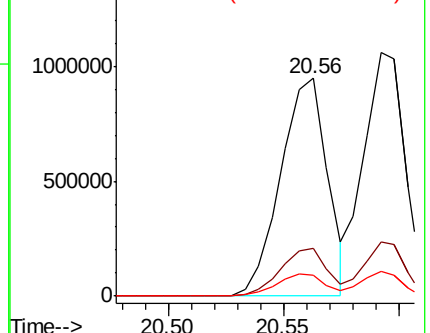
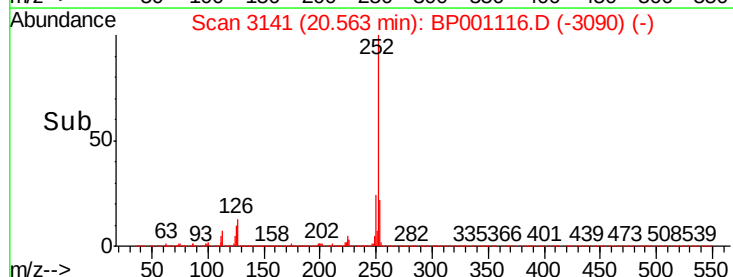
125 9.8 8.1 12.1

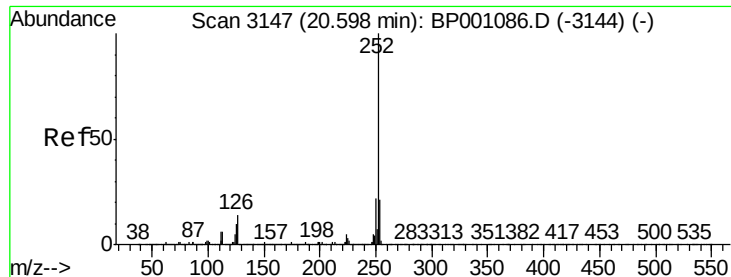


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.549 ng

RT: 20.59 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

Instrument :

BNA_P

ClientSampled :

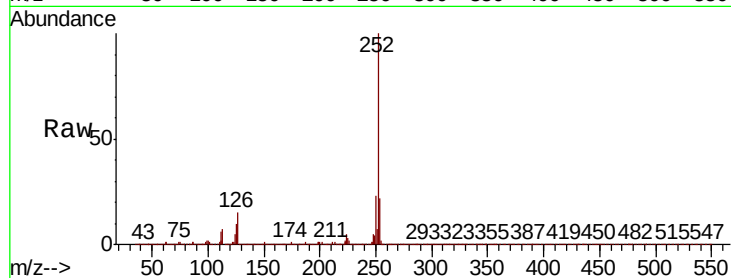
Tot Ion:252 Resp: 1324503

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

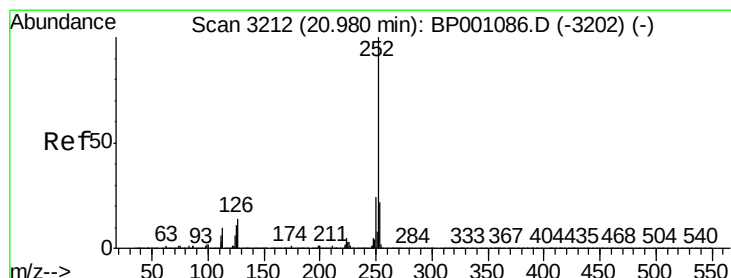
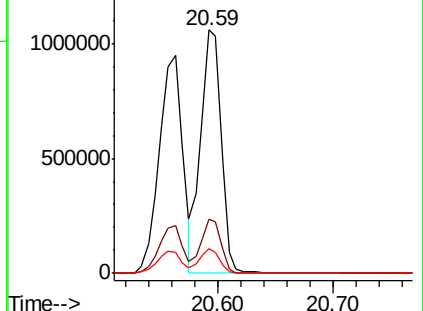
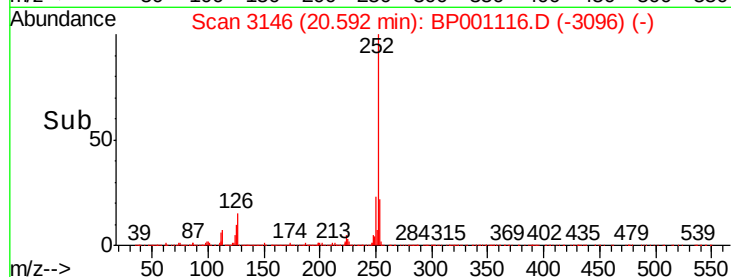
125 10.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.923 ng

RT: 20.97 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BP001116.D

Acq: 28 Nov 2019 09:16

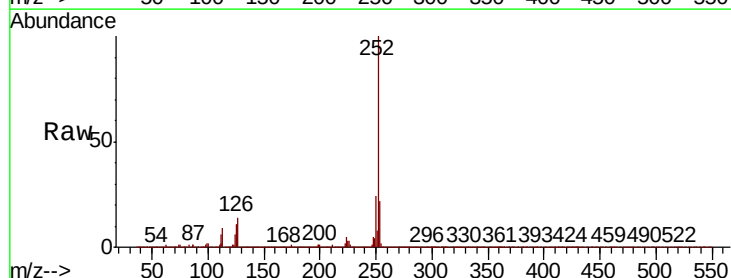
Tgt Ion:252 Resp: 1221462

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

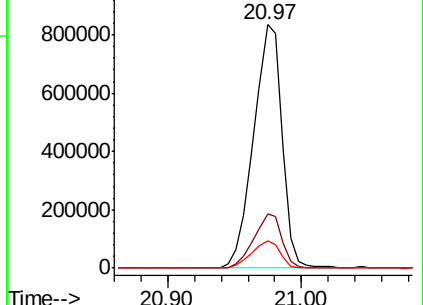
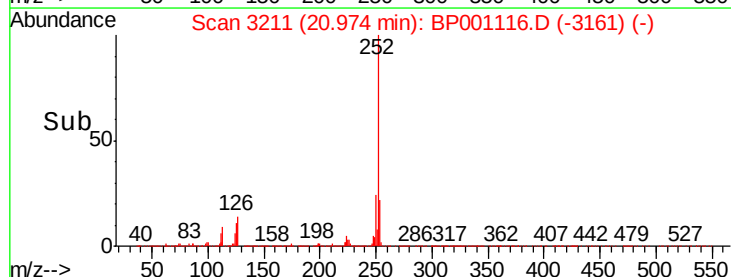
125 11.1 8.7 13.1

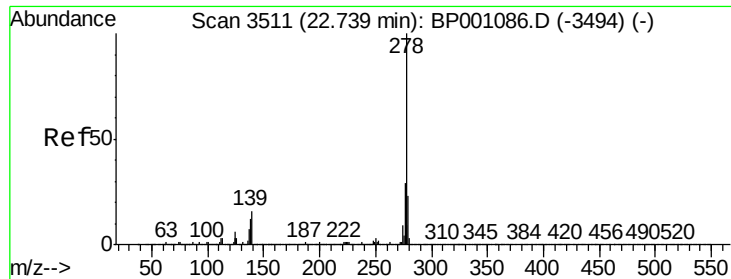


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



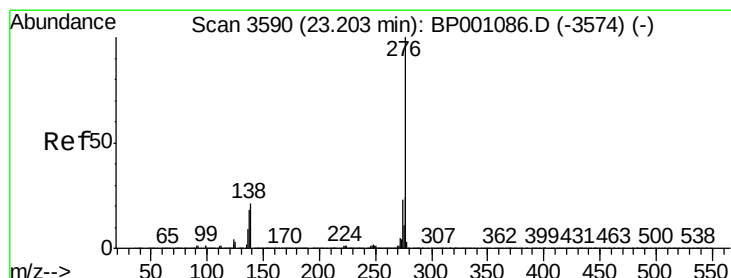
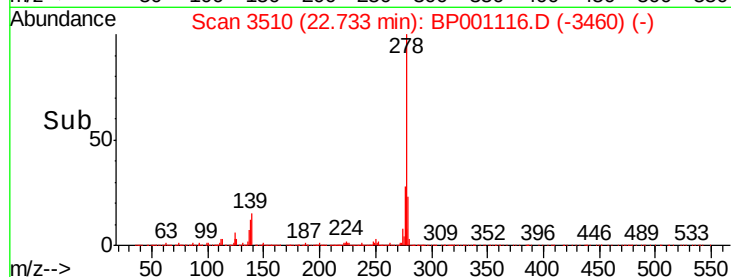
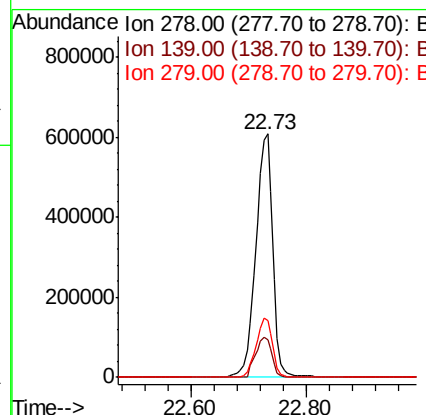
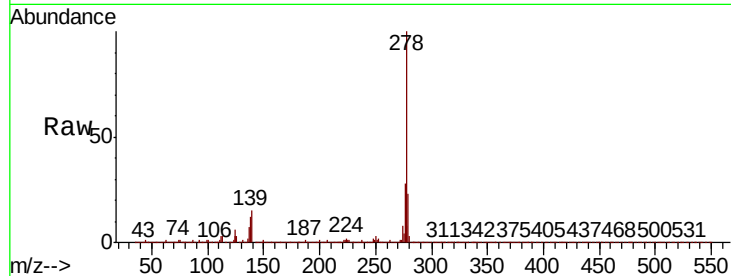


#91
Dibenzo(a,h)anthracene
Concen: 45.890 ng
RT: 22.73 min Scan# 3510
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1248856

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	23.3	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 46.869 ng
RT: 23.20 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BP001116.D
Acq: 28 Nov 2019 09:16

Tgt Ion:276 Resp: 1259484

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	22.0	17.2	25.8

