

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001506.D
 Acq On : 03 Jan 2020 13:53
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 03 15:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 14:53:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	71227	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	258322	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	163267	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	360134	20.00	ng	0.00
76) Chrysene-d12	21.20	240	331591	20.00	ng	0.00
87) Perylene-d12	23.46	264	402359	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	474191	107.60	ng	0.00
7) Phenol-d6	6.88	99	637743	110.90	ng	0.00
23) Nitrobenzene-d5	8.85	82	620493	92.24	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	218043	106.82	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	1258327	97.46	ng	0.00
79) Terphenyl-d14	19.69	244	1866257	96.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	99111	54.646	ng	# 68
3) Pyridine	3.66	79	284551	57.432	ng	98
4) n-Nitrosodimethylamine	3.58	42	130894	41.723	ng	99
6) Aniline	7.03	93	413092	57.064	ng	99
8) 2-Chlorophenol	7.27	128	247221	55.798	ng	99
9) Benzaldehyde	6.85	77	150558	37.322	ng	96
10) Phenol	6.90	94	338412	51.503	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	264398	56.879	ng	98
12) 1,3-Dichlorobenzene	7.59	146	301194	54.577	ng	98
13) 1,4-Dichlorobenzene	7.73	146	305236	54.288	ng	98
14) 1,2-Dichlorobenzene	8.05	146	286582	53.502	ng	99
15) Benzyl Alcohol	7.93	79	258305	47.870	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	364525	49.515	ng	98
17) 2-Methylphenol	8.14	107	220160	56.233	ng	96
18) Hexachloroethane	8.77	117	117562	49.151	ng	97
19) n-Nitroso-di-n-propylamine	8.51	70	206403	50.559	ng	99
20) 3+4-Methylphenols	8.47	107	295128	56.805	ng	98
22) Acetophenone	8.52	105	417914	51.160	ng	99
24) Nitrobenzene	8.89	77	316543	47.810	ng	98
25) Isophorone	9.42	82	566322	52.358	ng	100
26) 2-Nitrophenol	9.59	139	117680	49.846	ng	95
27) 2,4-Dimethylphenol	9.67	122	199419	57.431	ng	97
28) bis(2-Chloroethoxy)methane	9.90	93	354123	54.816	ng	100
29) 2,4-Dichlorophenol	10.13	162	247500	57.565	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	291204	55.063	ng	99
31) Naphthalene	10.53	128	770812	54.664	ng	99
32) Benzoic acid	9.82	122	142155	53.987	ng	97
33) 4-Chloroaniline	10.63	127	341599	59.236	ng	98
34) Hexachlorobutadiene	10.83	225	195429	52.980	ng	99
35) Caprolactam	11.40	113	81279	63.531	ng	93
36) 4-Chloro-3-methylphenol	11.77	107	266561	53.053	ng	98
37) 2-Methylnaphthalene	12.15	142	546024	56.089	ng	99
38) 1-Methylnaphthalene	12.37	142	519958	56.813	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	313720	51.968	ng	99

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 Misc :
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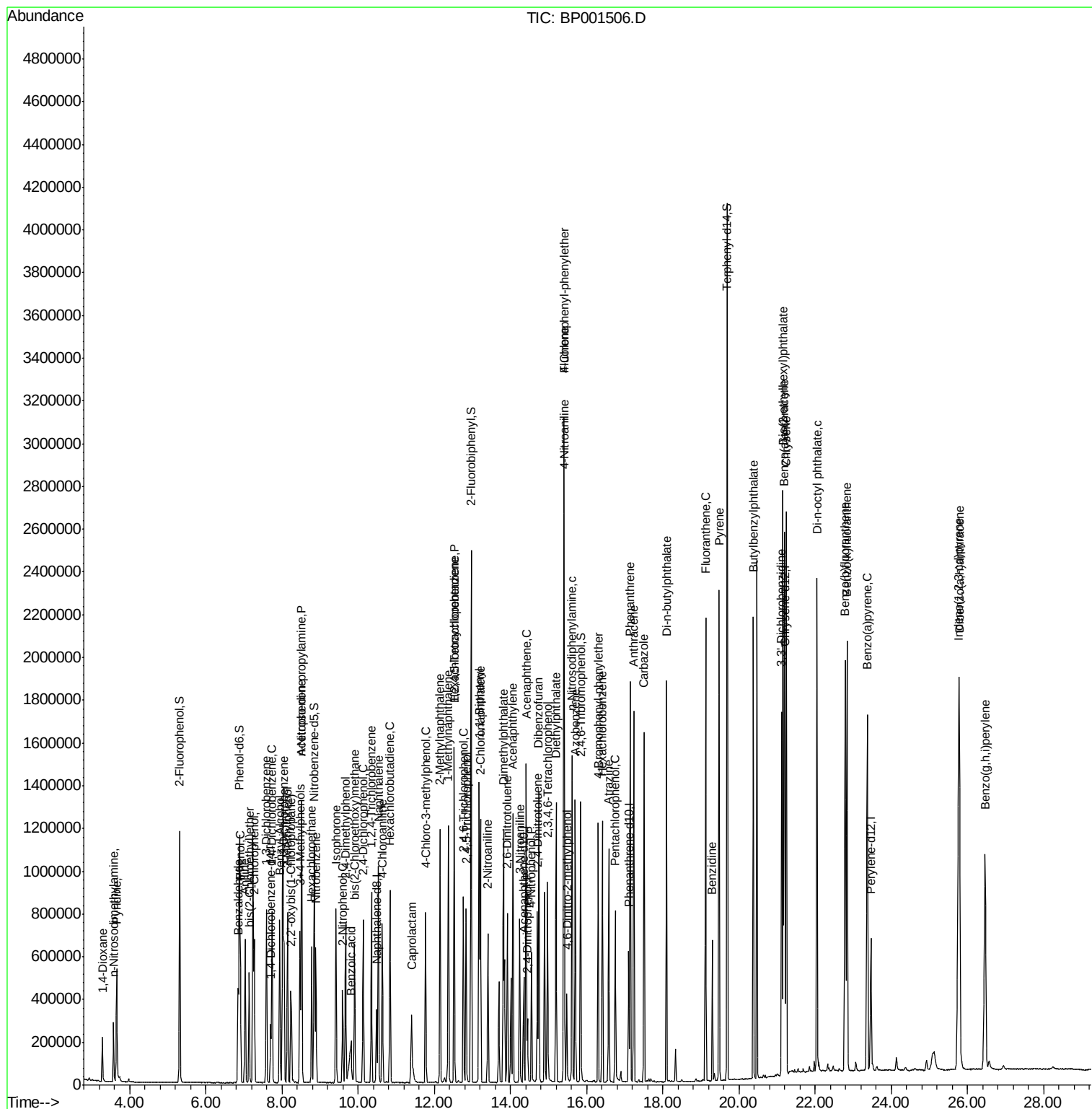
Instrument :
 BNA_P
 ClientSampleId :

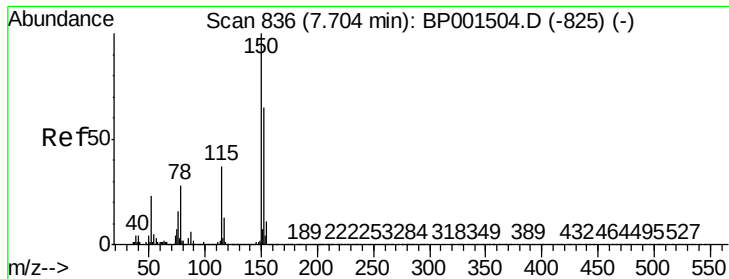
Quant Time: Jan 03 15:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 14:53:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	167700	56.167	nq	99
43) 2,4,6-Trichlorophenol	12.76	196	200448	53.991	nq	97
44) 2,4,5-Trichlorophenol	12.83	196	205739	53.935	nq	97
46) 1,1'-Biphenyl	13.17	154	710080	51.972	nq	100
47) 2-Chloronaphthalene	13.21	162	584109	52.884	nq	99
48) 2-Nitroaniline	13.41	65	185499	41.941	nq	99
49) Acenaphthylene	14.06	152	876275	54.272	nq	98
50) Dimethylphthalate	13.82	163	727157	54.289	nq	100
51) 2,6-Dinitrotoluene	13.92	165	153566	56.464	nq	99
52) Acenaphthene	14.41	154	561750	57.745	nq	99
53) 3-Nitroaniline	14.24	138	169216	57.968	nq	99
54) 2,4-Dinitrophenol	14.45	184	58269	55.484	nq	97
55) Dibenzofuran	14.75	168	848189	55.648	nq	98
56) 4-Nitrophenol	14.55	139	126599	60.650	nq	95
57) 2,4-Dinitrotoluene	14.71	165	209388	55.392	nq	95
58) Fluorene	15.40	166	630658	51.731	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.97	232	181858	55.530	nq	98
60) Diethylphthalate	15.20	149	729370	52.795	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	339810	53.025	nq	98
62) 4-Nitroaniline	15.42	138	168177	49.750	nq	97
63) Azobenzene	15.70	77	713569	49.062	nq	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	81146	50.311	nq	98
66) n-Nitrosodiphenylamine	15.62	169	589480	51.631	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	227181	53.355	nq	98
68) Hexachlorobenzene	16.42	284	253219	52.239	nq	99
69) Atrazine	16.58	200	197869	48.248	nq	98
70) Pentachlorophenol	16.75	266	136819	55.040	nq	98
71) Phenanthrene	17.15	178	1094499	53.269	nq	99
72) Anthracene	17.24	178	1090980	53.637	nq	99
73) Carbazole	17.50	167	1009438	55.665	nq	100
74) Di-n-butylphthalate	18.10	149	1281629	51.501	nq	99
75) Fluoranthene	19.13	202	1328976	57.845	nq	99
77) Benzidine	19.30	184	362051	37.501	nq	98
78) Pyrene	19.47	202	1372683	53.316	nq	99
80) Butylbenzylphthalate	20.37	149	594419	49.523	nq	93
81) Benzo(a)anthracene	21.19	228	1332040	55.129	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	462953	55.177	nq	97
83) Chrysene	21.24	228	1274152	54.633	nq	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	872605	49.543	nq	99
85) Di-n-octyl phthalate	22.04	149	1527851	52.338	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1595527	63.345	nq	99
88) Benzo(b)fluoranthene	22.79	252	1407404	53.262	nq	99
89) Benzo(k)fluoranthene	22.83	252	1348603	53.577	nq	99
90) Benzo(a)pyrene	23.37	252	1316983	54.711	nq	98
91) Dibenzo(a,h)anthracene	25.79	278	1320253	56.095	nq	99
92) Benzo(g,h,i)perylene	26.47	276	1323870	58.865	nq	100

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

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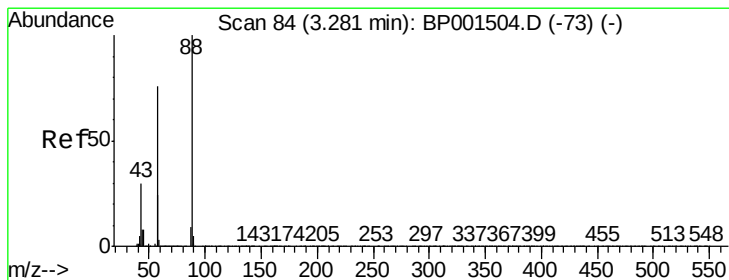
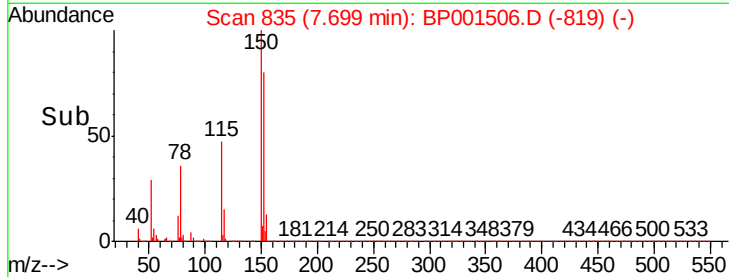
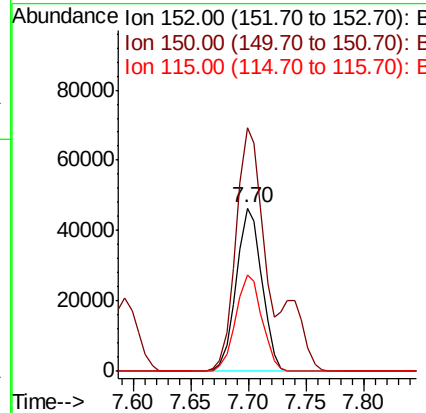
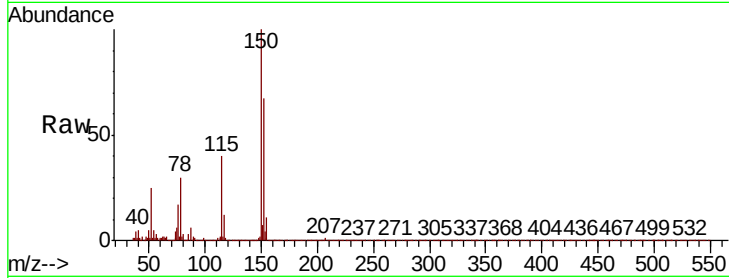


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampled :

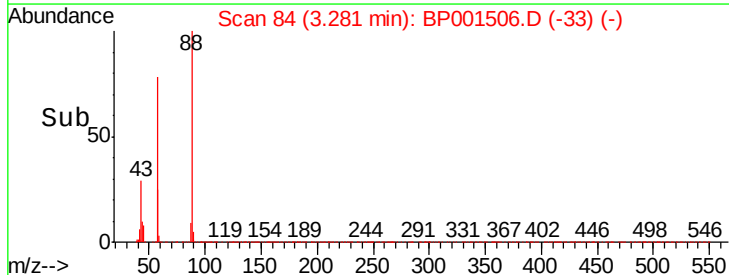
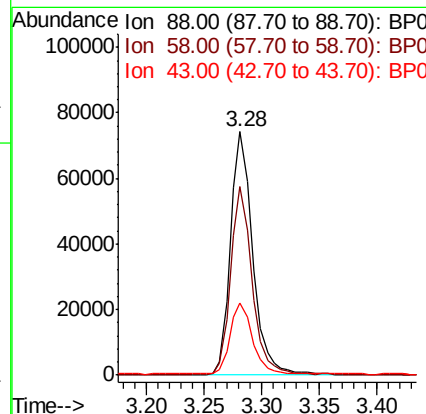
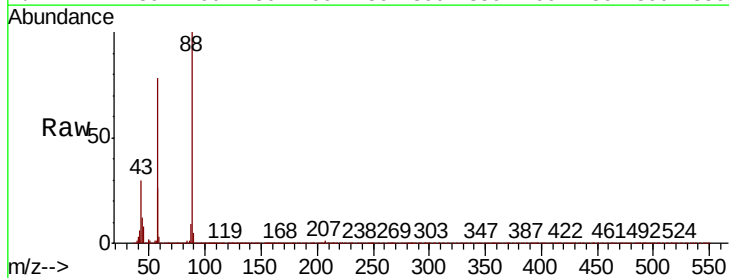
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.6	185.4
115	59.1	45.8	68.6

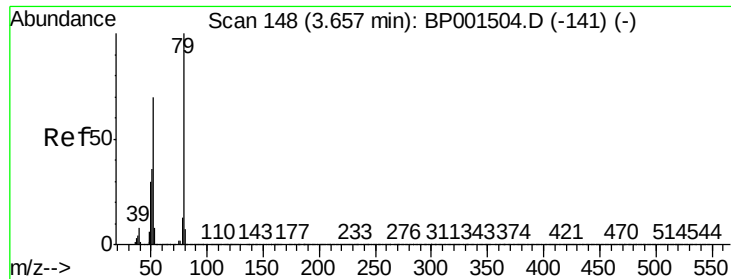


#2

1,4-Dioxane
Concen: 54.646 ng
RT: 3.28 min Scan# 84
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	0.1	0.1#
43	29.3	0.0	0.0#





#3

Pvridine

Concen: 57.432 ng

RT: 3.66 min Scan# 148

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

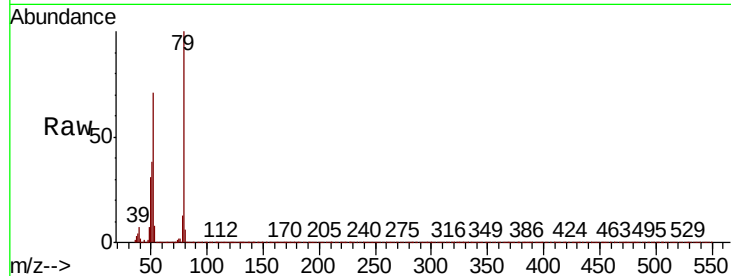
Tot Ion: 79 Resp: 284551

Ion Ratio Lower Upper

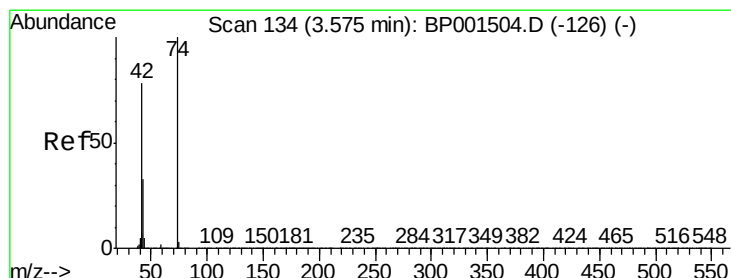
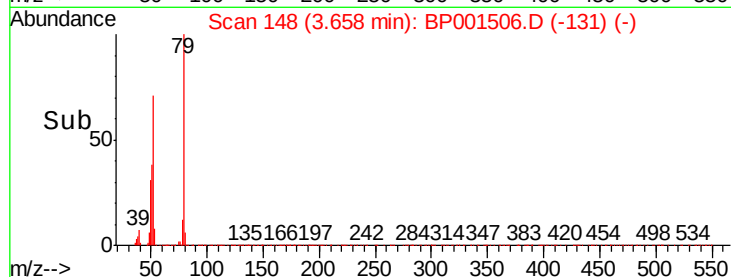
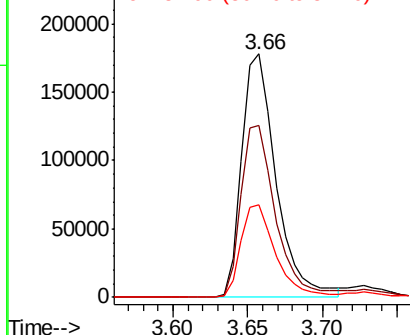
79 100

52 70.6 55.6 83.4

51 38.0 29.1 43.7



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: 41.723 ng

RT: 3.58 min Scan# 134

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

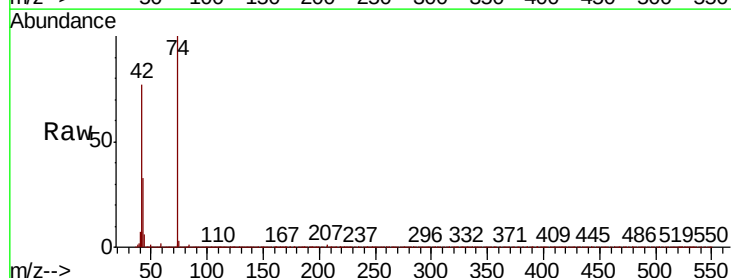
Tgt Ion: 42 Resp: 130894

Ion Ratio Lower Upper

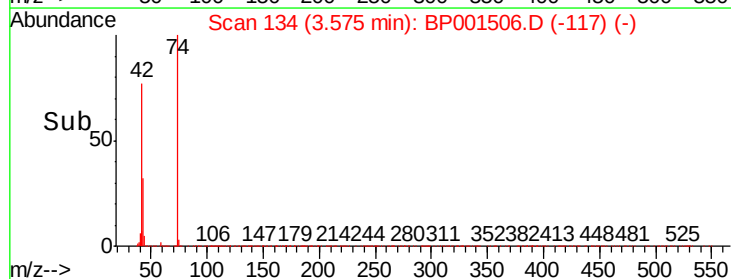
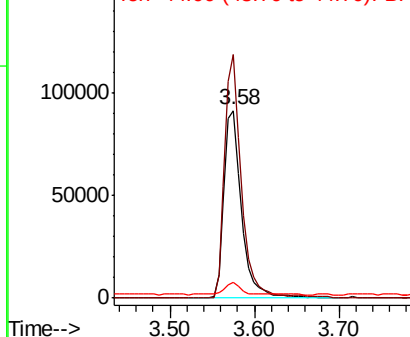
42 100

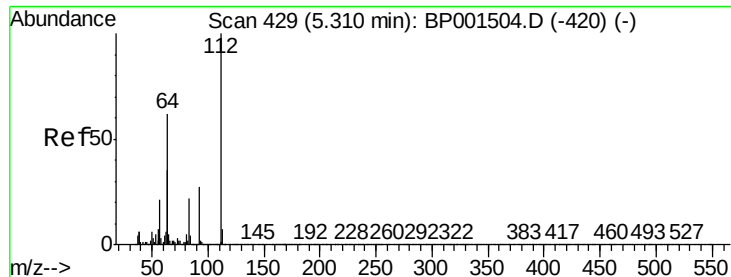
74 129.8 102.6 153.8

44 8.2 7.5 11.3



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: 107.597 ng

RT: 5.31 min Scan# 429

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

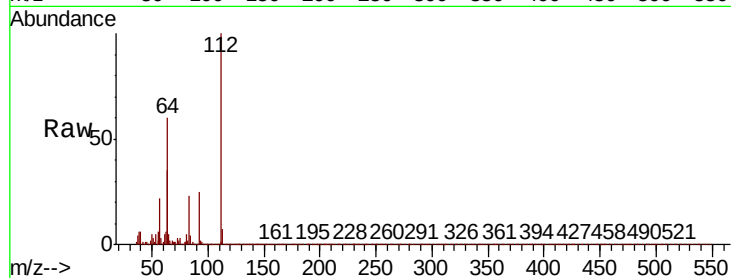
Tot Ion:112 Resp: 474191

Ion Ratio Lower Upper

112 100

64 60.3 49.7 74.5

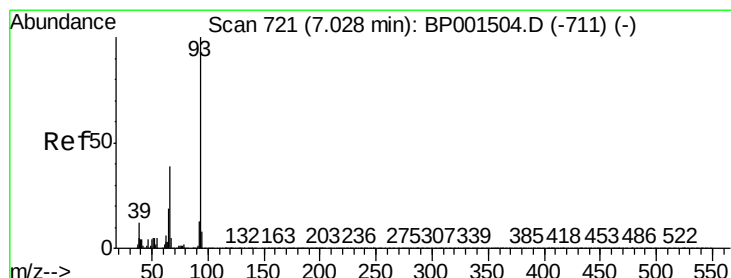
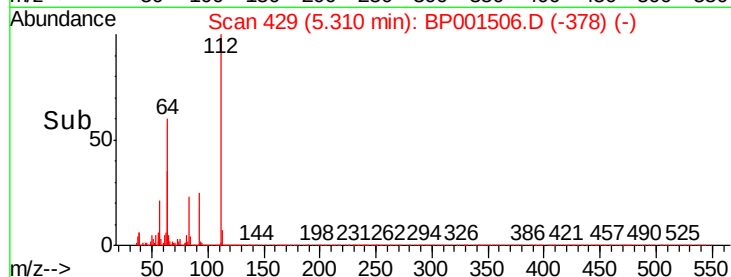
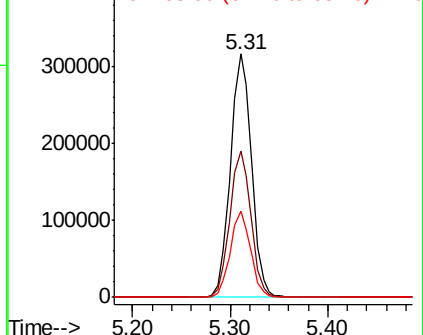
63 35.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 57.064 ng

RT: 7.03 min Scan# 722

Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

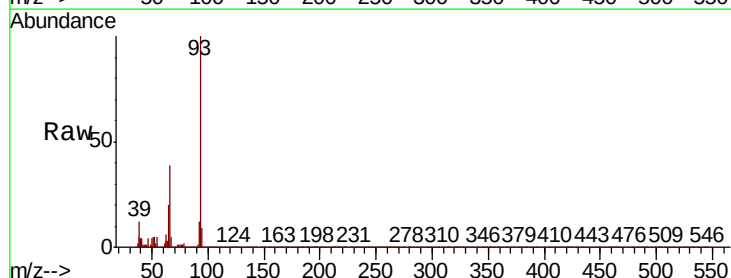
Tgt Ion: 93 Resp: 413092

Ion Ratio Lower Upper

93 100

66 38.9 31.0 46.4

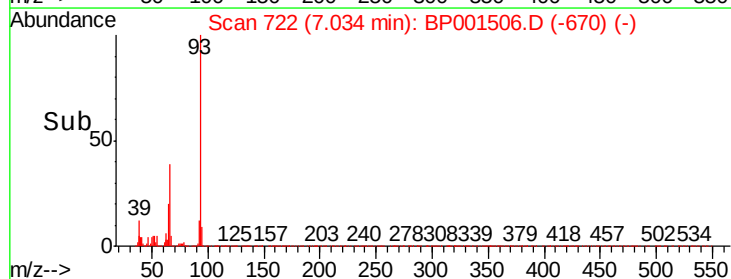
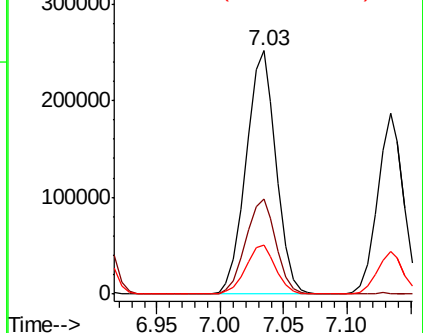
65 20.0 15.3 22.9

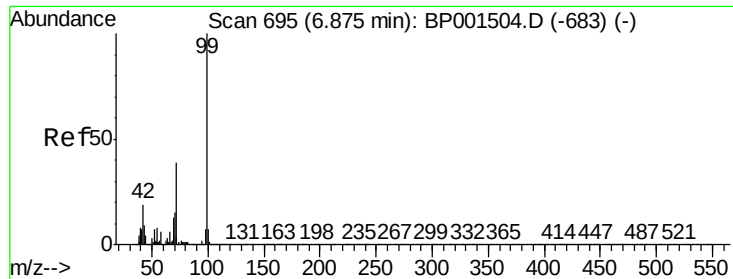


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 110.899 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

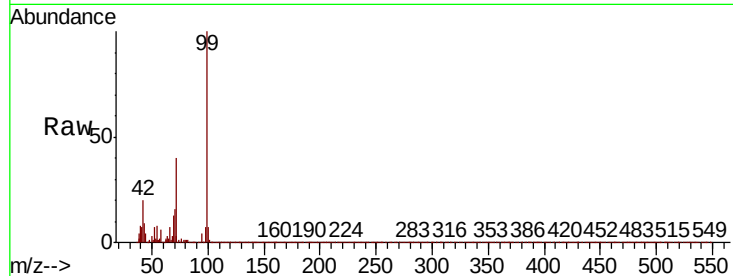
Tot Ion: 99 Resp: 637743

Ion Ratio Lower Upper

99 100

42 19.6 15.3 22.9

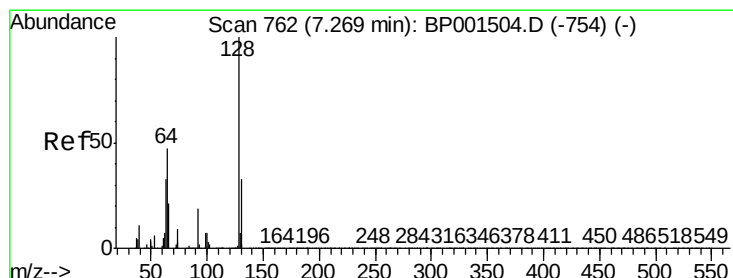
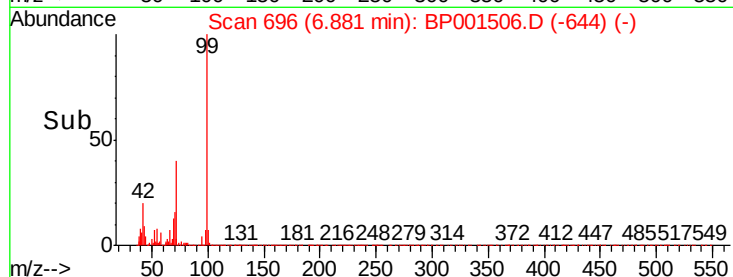
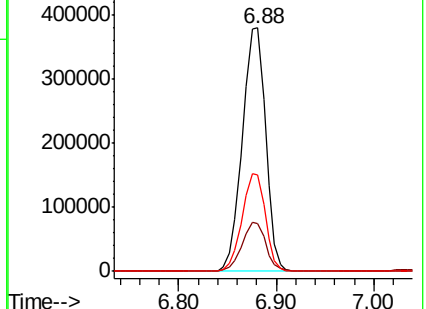
71 39.5 30.9 46.3



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: 55.798 ng

RT: 7.27 min Scan# 762

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

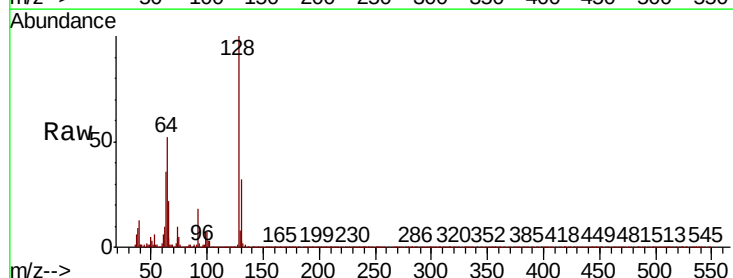
Tgt Ion: 128 Resp: 247221

Ion Ratio Lower Upper

128 100

130 31.7 13.2 53.2

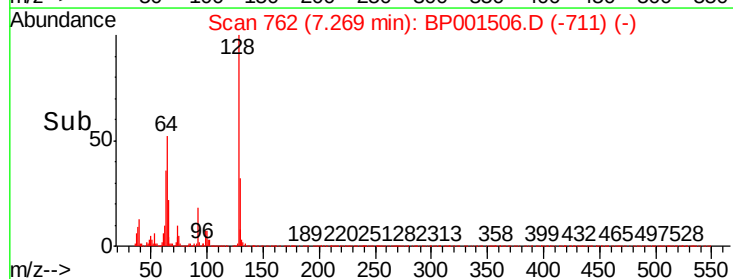
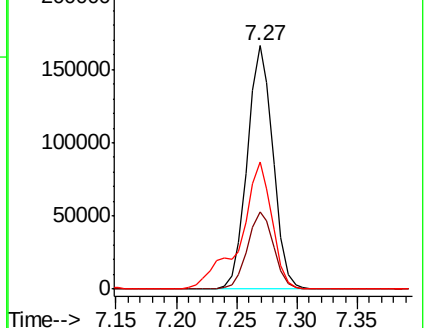
64 52.0 31.9 71.9

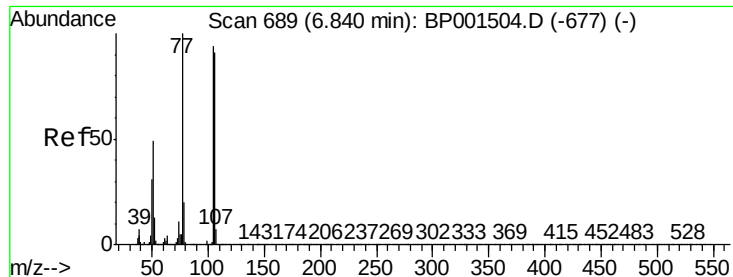


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 37.322 ng

RT: 6.85 min Scan# 690

Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

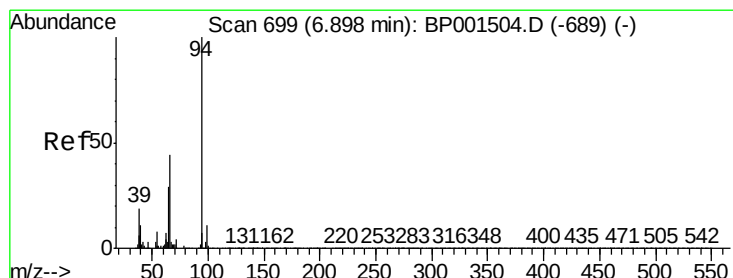
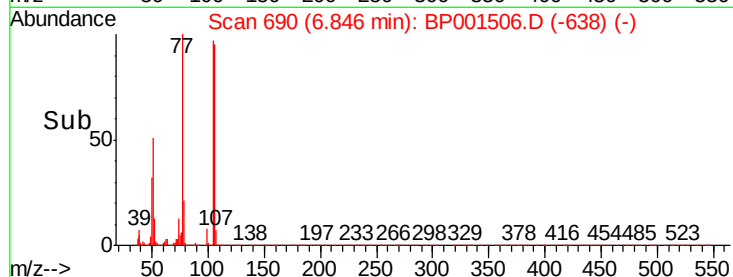
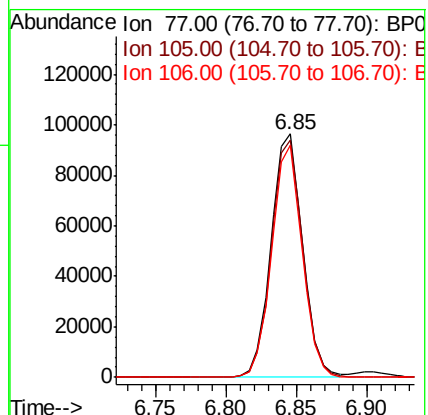
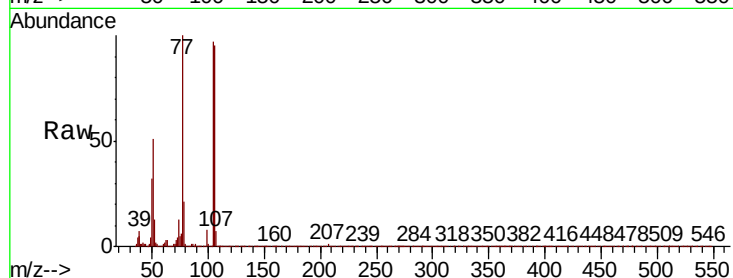
Tot Ion: 77 Resp: 150558

Ion Ratio Lower Upper

77 100

105 97.2 74.0 114.0

106 95.2 70.9 110.9



#10

Phenol

Concen: 51.503 ng

RT: 6.90 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

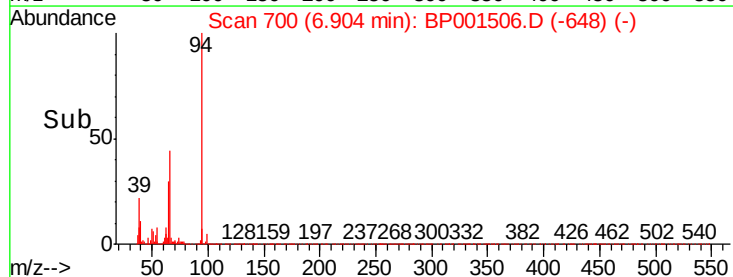
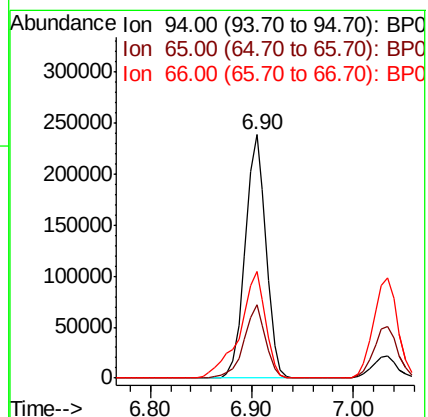
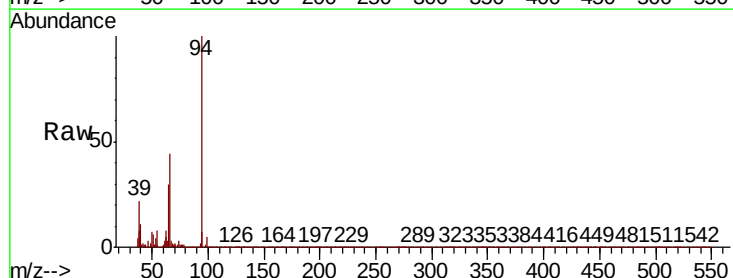
Tgt Ion: 94 Resp: 338412

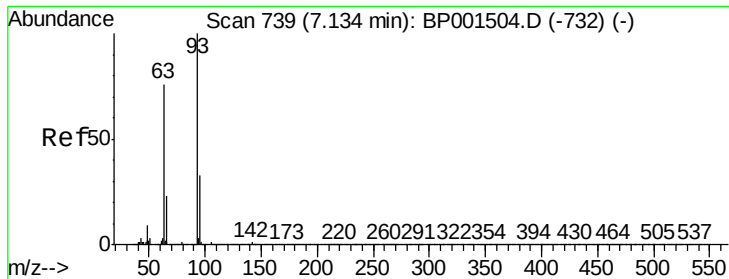
Ion Ratio Lower Upper

94 100

65 30.0 9.2 49.2

66 44.1 23.8 63.8

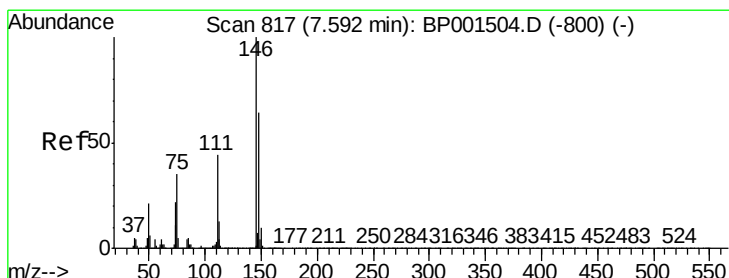
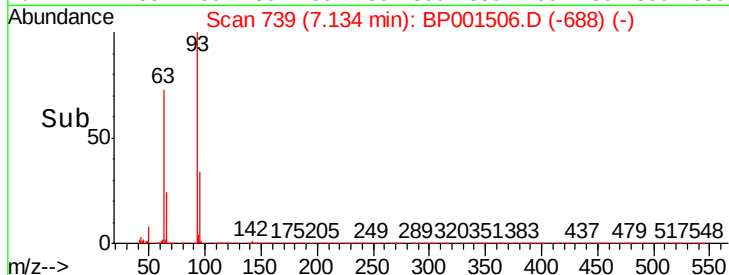
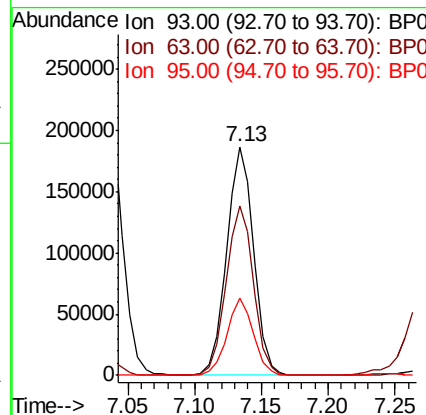
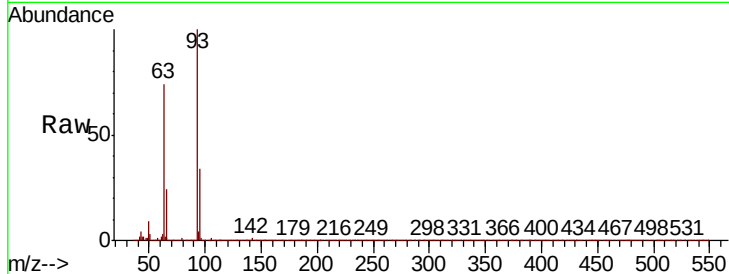




#11
bis(2-Chloroethyl)ether
Concen: 56.879 ng
RT: 7.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

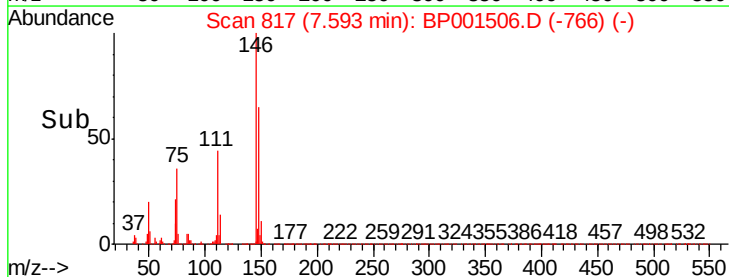
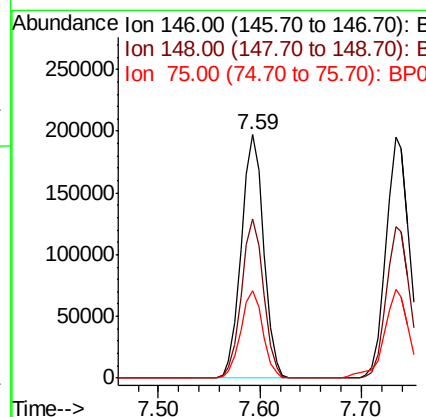
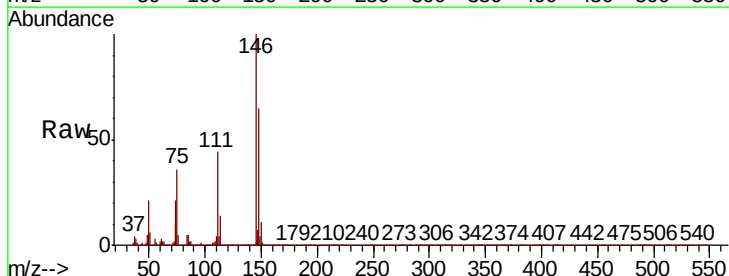
Instrument :
BNA_P
ClientSampled :

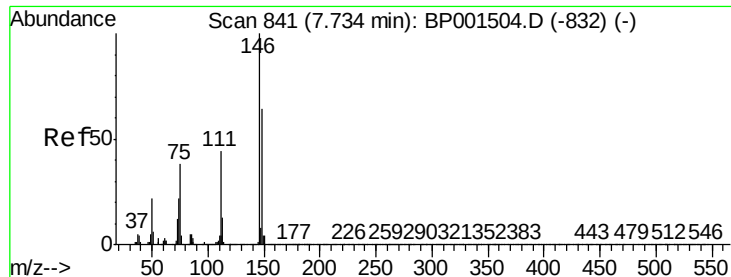
Tot Ion:	93	Resp:	264398
Ion	Ratio	Lower	Upper
93	100		
63	74.1	56.1	96.1
95	33.8	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 54.577 ng
RT: 7.59 min Scan# 817
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:	146	Resp:	301194
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
75	36.1	28.2	42.2

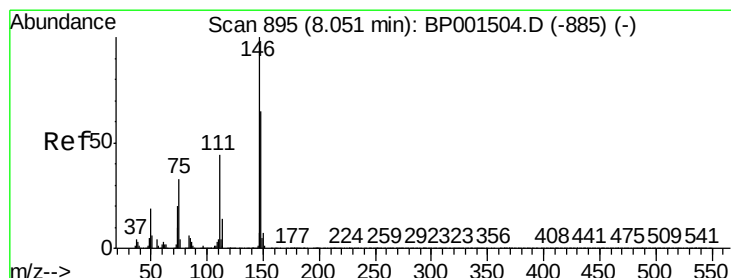
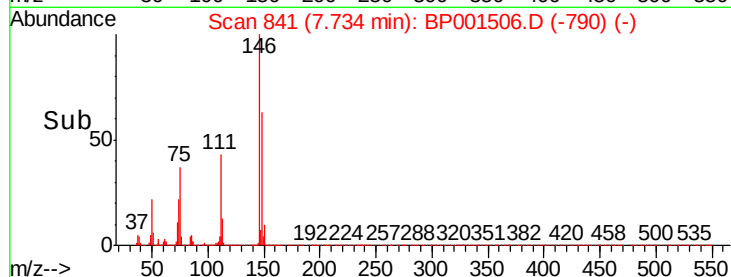
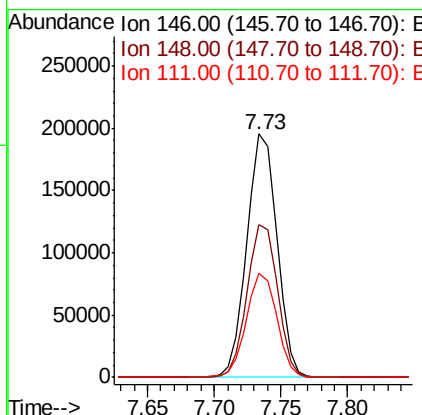
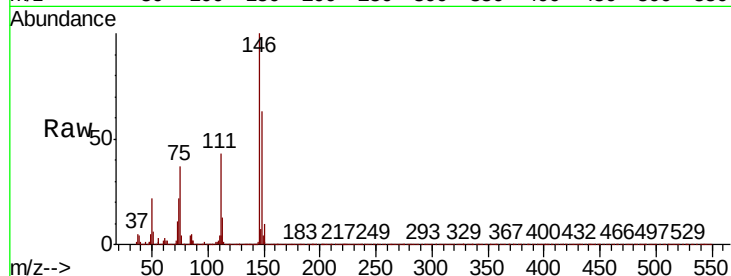




#13
 1,4-Dichlorobenzene
 Concen: 54.288 ng
 RT: 7.73 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

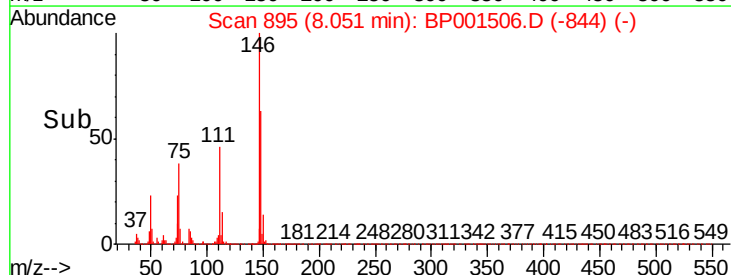
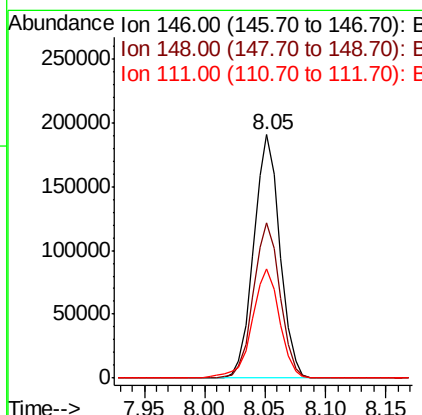
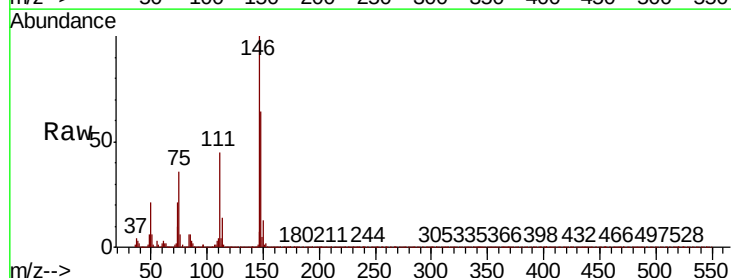
Instrument :
 BNA_P
 ClientSampled :

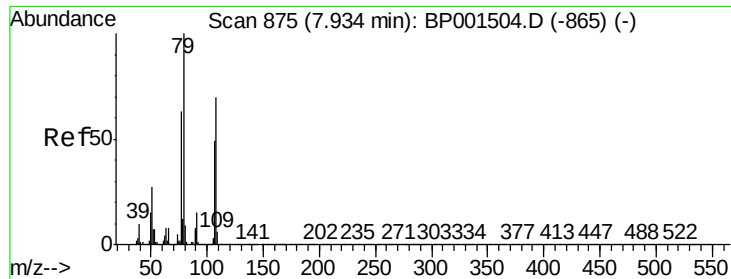
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
111	42.7	35.4	53.0



#14
 1,2-Dichlorobenzene
 Concen: 53.502 ng
 RT: 8.05 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	44.7	35.3	52.9

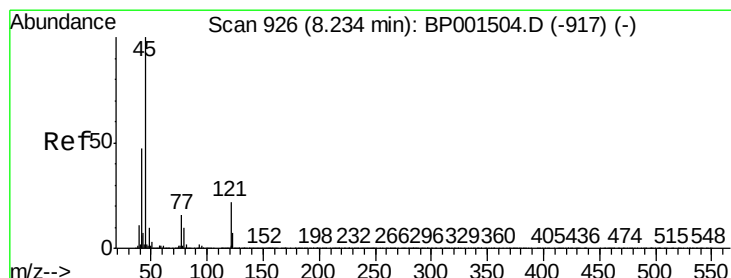
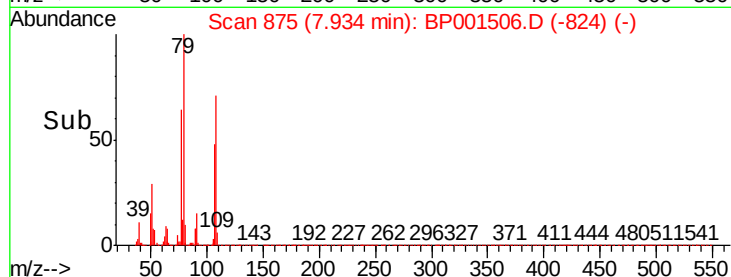
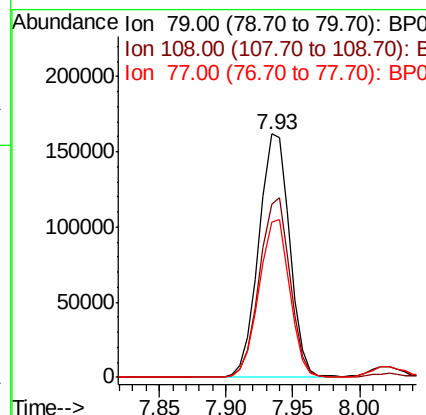
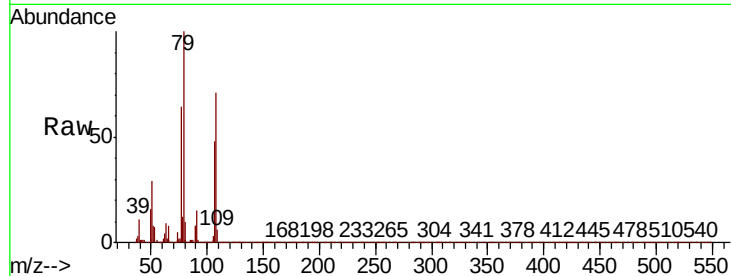




#15
Benzyl Alcohol
Concen: 47.870 ng
RT: 7.93 min Scan# 875
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

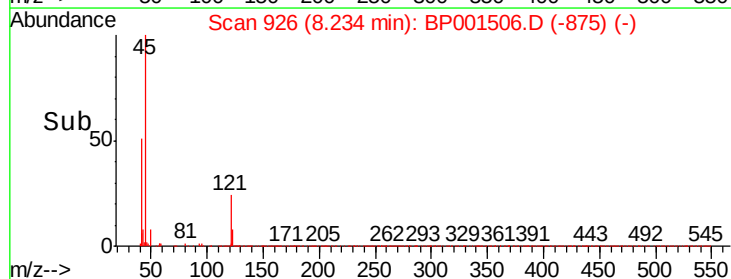
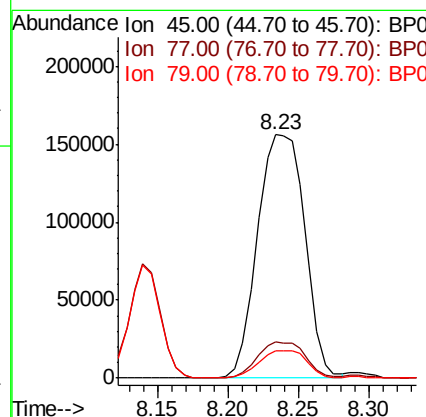
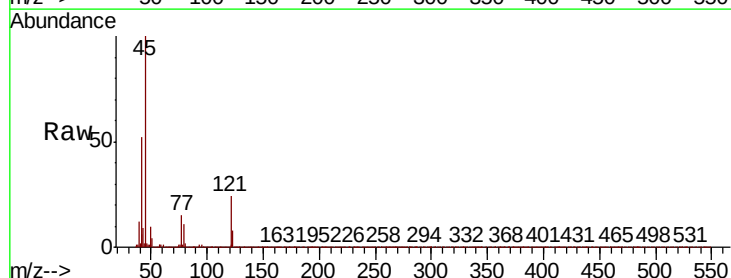
Instrument :
BNA_P
ClientSampleId :

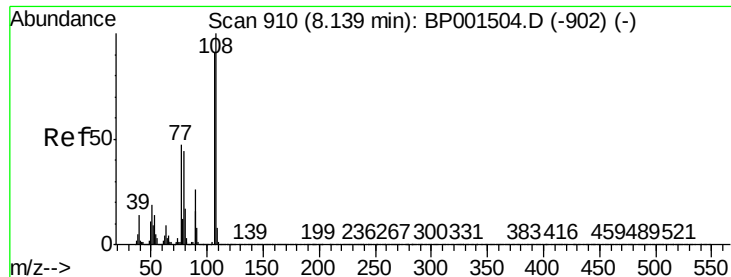
Tot Ion	Ratio	Lower	Upper
79	100		
108	71.4	56.2	84.2
77	63.9	50.4	75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.515 ng
RT: 8.23 min Scan# 926
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.7
79	11.2	0.0	30.6





#17

2-Methylphenol

Concen: 56.233 ng

RT: 8.14 min Scan# 910

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 220160

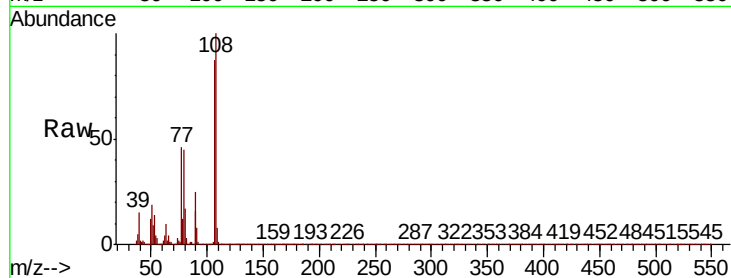
Ion Ratio Lower Upper

107 100

108 114.8 88.2 132.2

77 52.7 41.5 62.3

79 51.8 39.2 58.8

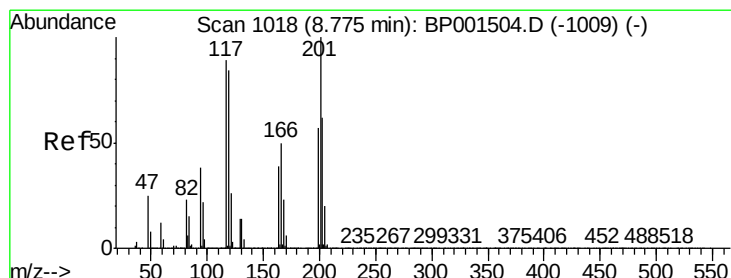
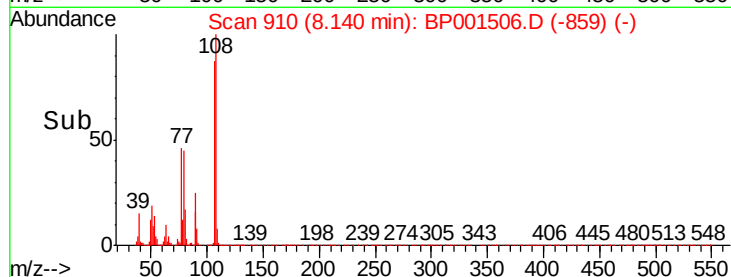
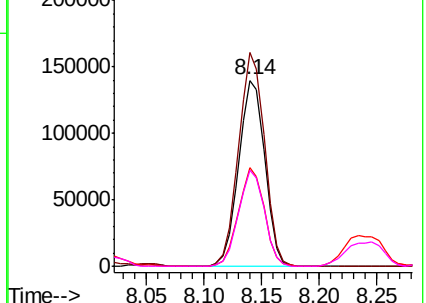


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 49.151 ng

RT: 8.77 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

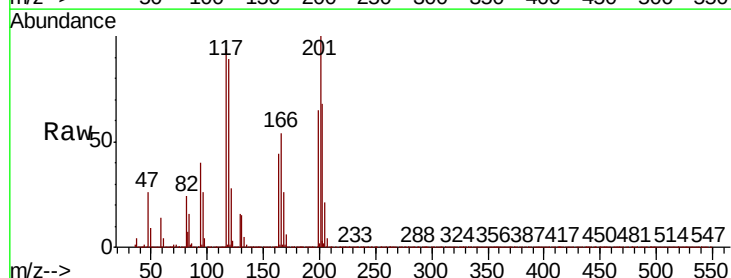
Tgt Ion:117 Resp: 117562

Ion Ratio Lower Upper

117 100

119 95.3 76.0 114.0

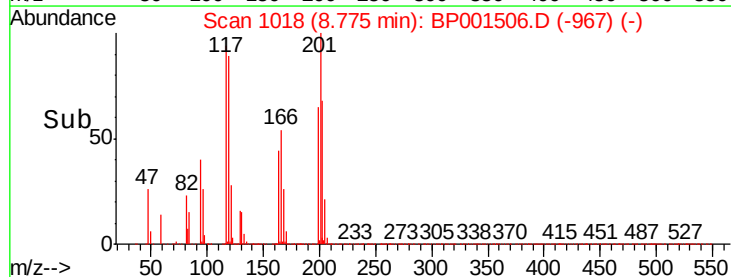
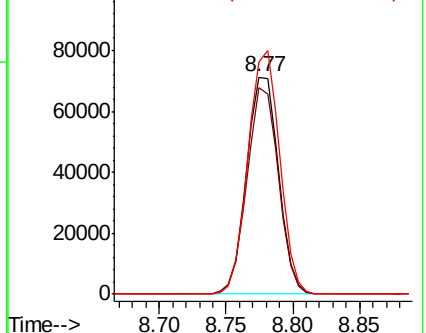
201 106.8 90.2 135.4

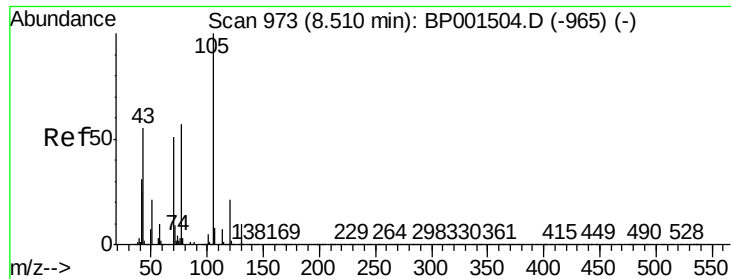


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

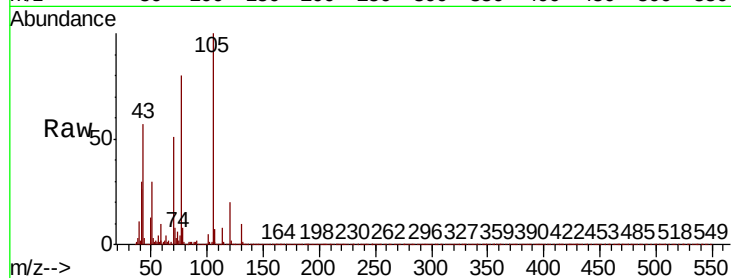




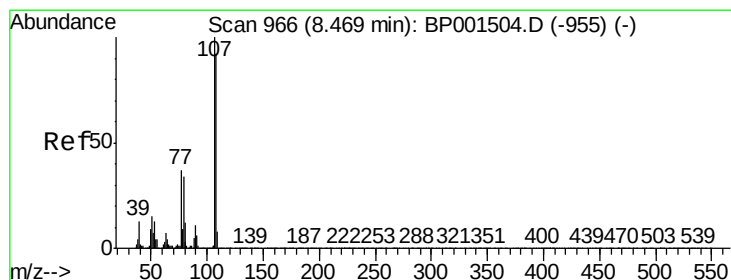
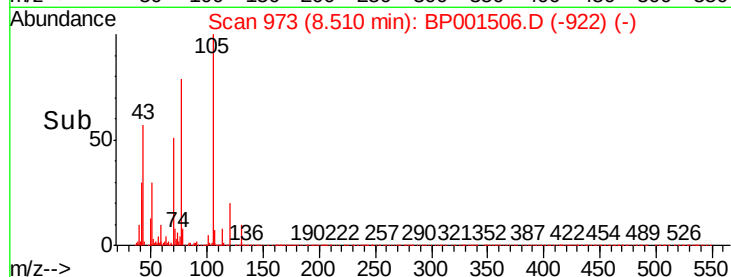
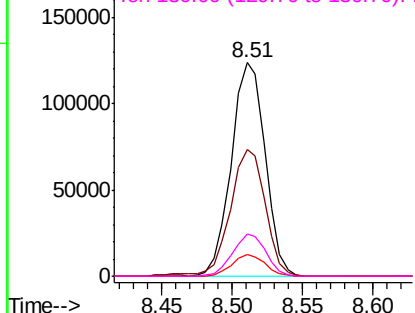
#19
n-Nitroso-di-n-propylamine
Concen: 50.559 ng
RT: 8.51 min Scan# 973
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	206403
Ion	Ratio	Lower	Upper
70	100		
42	59.6	48.8	73.2
101	10.3	8.1	12.1
130	19.6	15.4	23.2

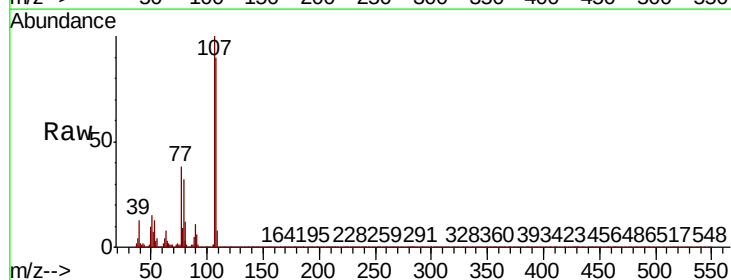


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

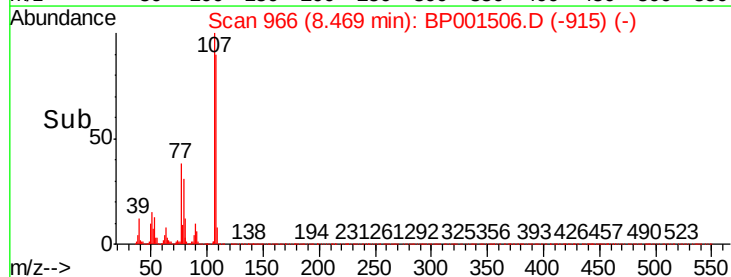
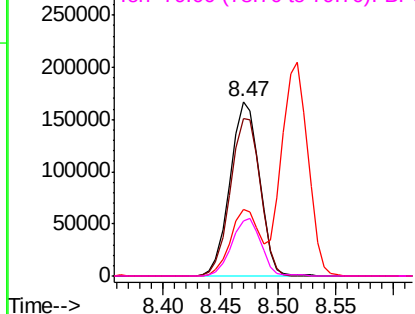


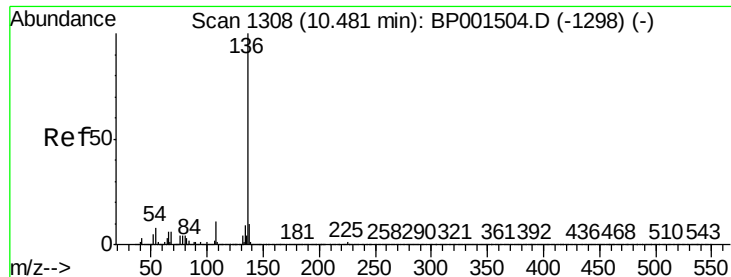
#20
3+4-Methylphenols
Concen: 56.805 ng
RT: 8.47 min Scan# 966
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:	107	Resp:	295128
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.8	111.8
77	38.2	17.5	57.5
79	31.6	14.0	54.0



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

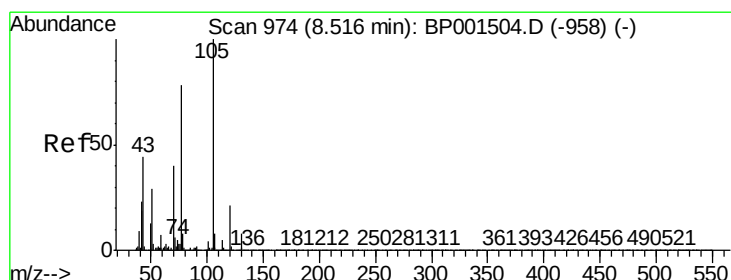
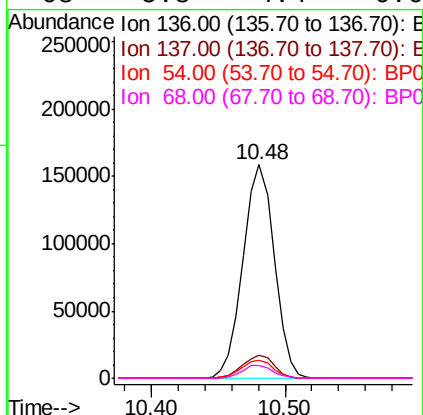
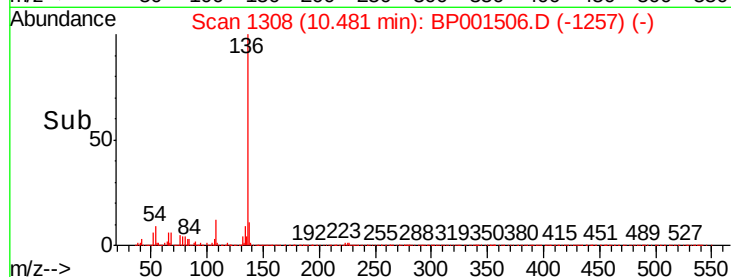
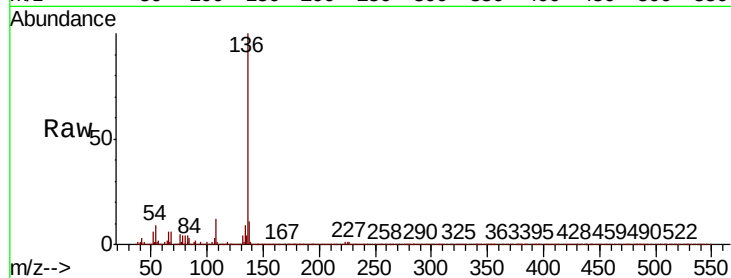




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

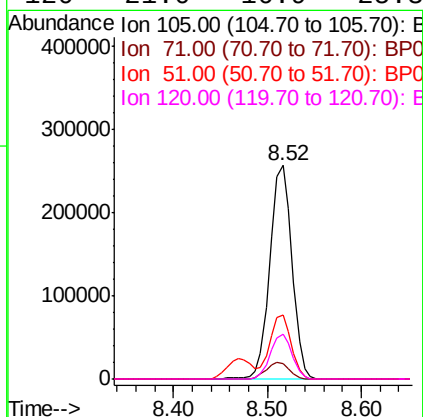
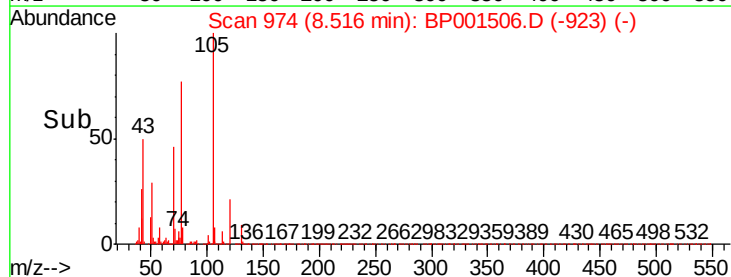
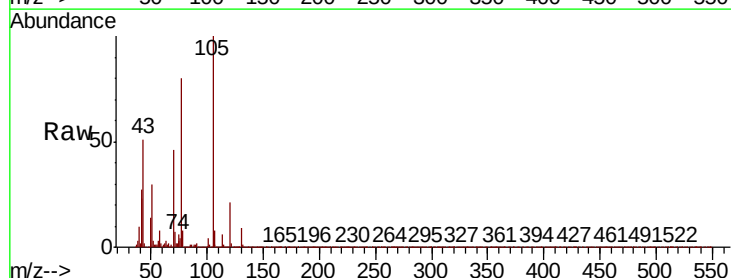
Instrument :
BNA_P
ClientSampled :

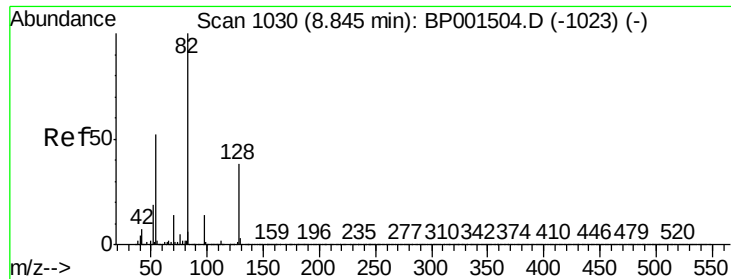
Tot Ion:136	Resp:	258322
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.3	12.5
54 8.6	6.7	10.1
68 5.8	4.4	6.6



#22
Acetophenone
Concen: 51.160 ng
RT: 8.52 min Scan# 974
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt	Ion:105	Resp:	417914
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.1	7.7
51	29.8	22.9	34.3
120	21.0	16.9	25.3

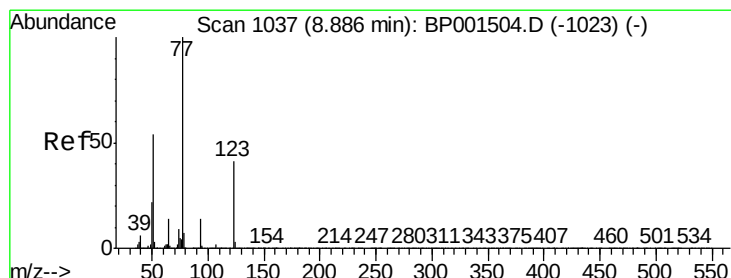
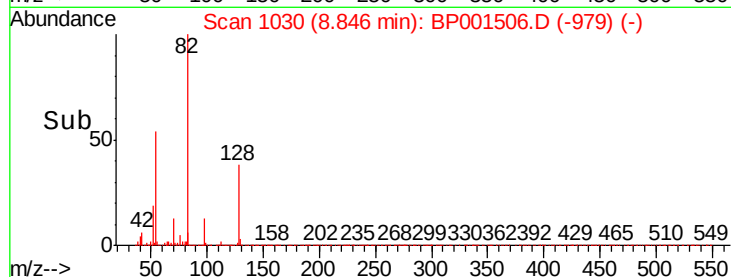
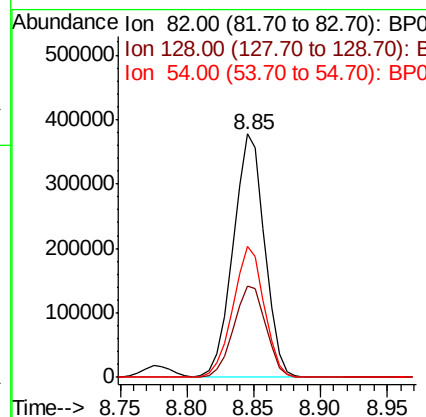
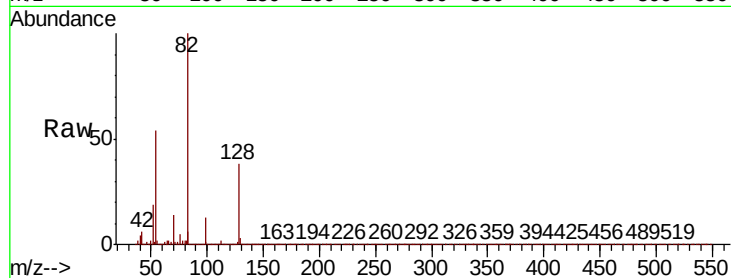




#23
 Nitrobenzene-d5
 Concen: 92.240 ng
 RT: 8.85 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

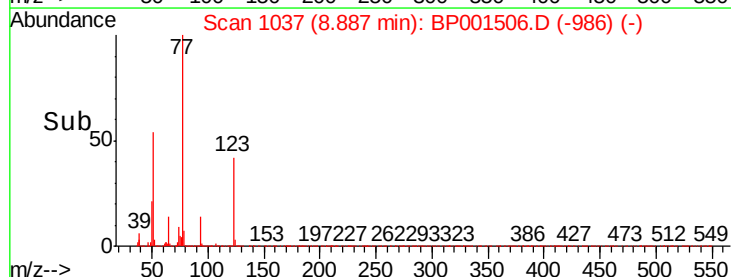
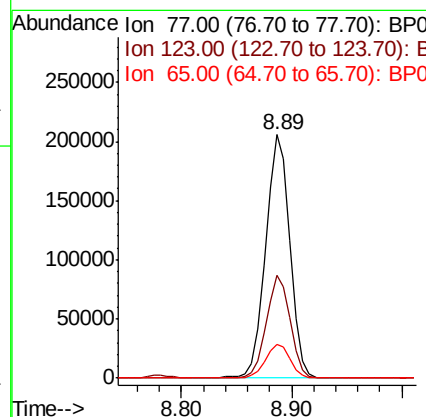
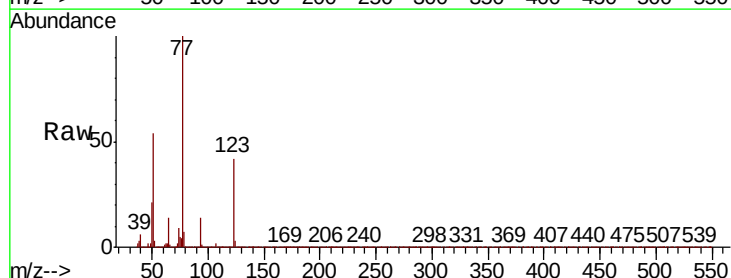
Instrument :
 BNA_P
 ClientSampleID :

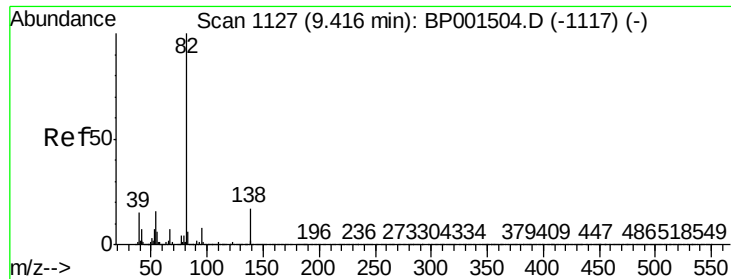
Tot Ion	82	Resp	620493
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.1	45.1
54	53.9	41.8	62.6



#24
 Nitrobenzene
 Concen: 47.810 ng
 RT: 8.89 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	77	Resp	316543
Ion Ratio	Lower	Upper	
77	100		
123	42.1	32.7	49.1
65	13.8	11.3	16.9

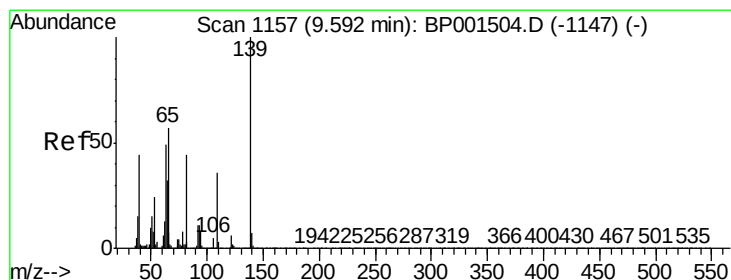
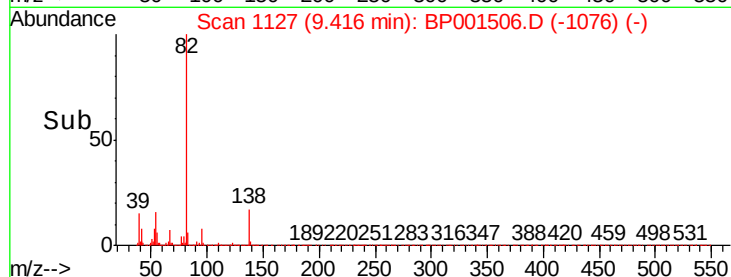
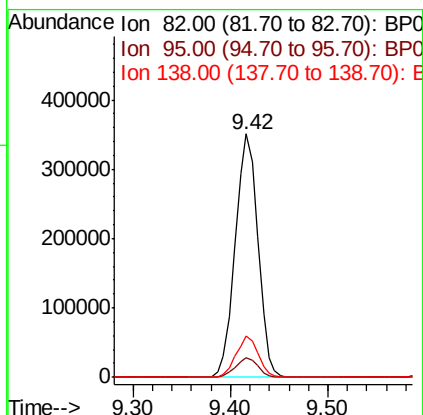
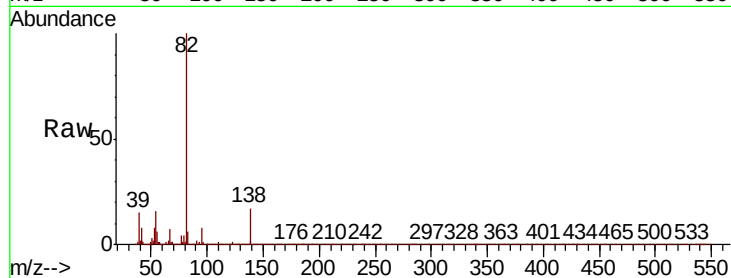




#25
Isophorone
Concen: 52.358 ng
RT: 9.42 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

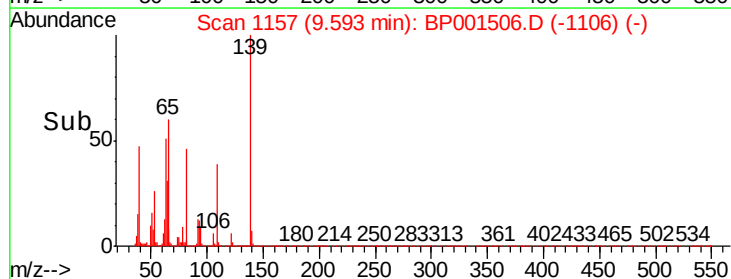
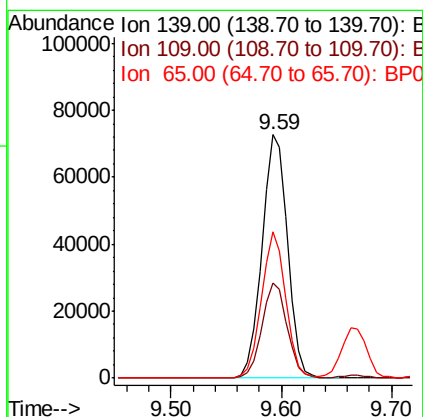
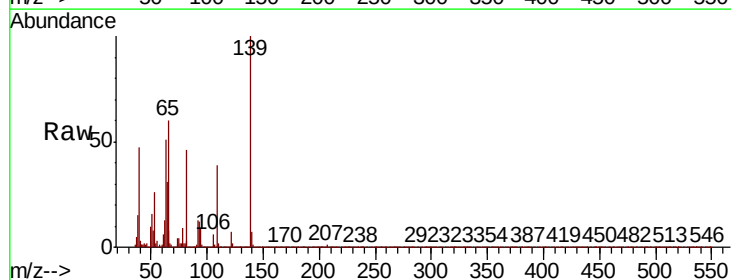
Instrument :
BNA_P
ClientSampleId :

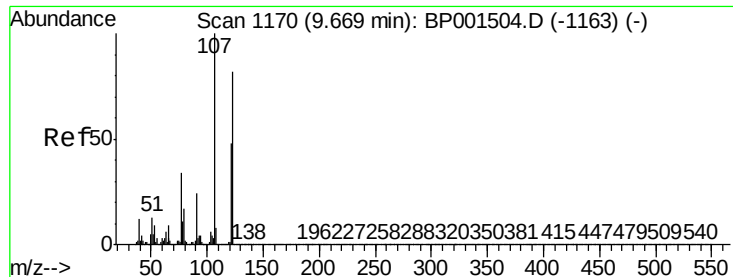
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.4
138	16.8	13.4	20.2



#26
2-Nitrophenol
Concen: 49.846 ng
RT: 9.59 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.0	29.0	43.4
65	60.2	45.6	68.4





#27

2,4-Dimethylphenol

Concen: 57.431 ng

RT: 9.67 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

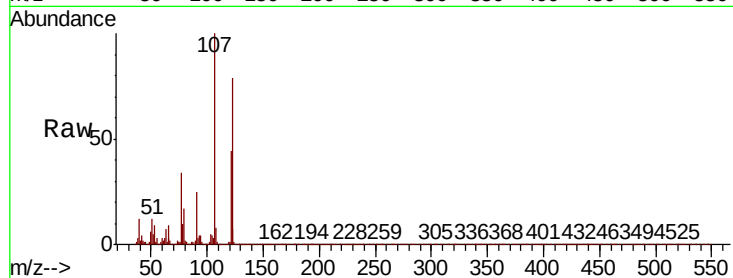
Tot Ion: 122 Resp: 199419

Ion Ratio Lower Upper

122 100

107 126.0 98.2 147.2

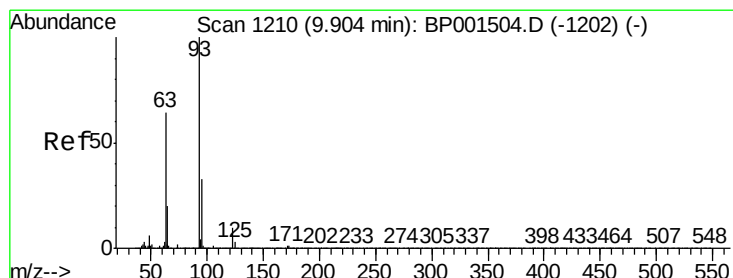
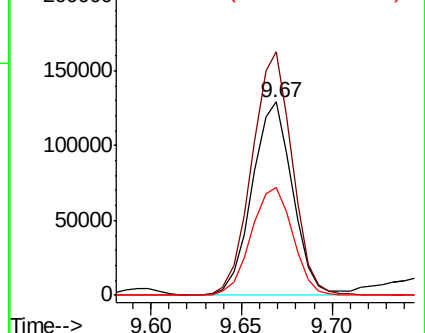
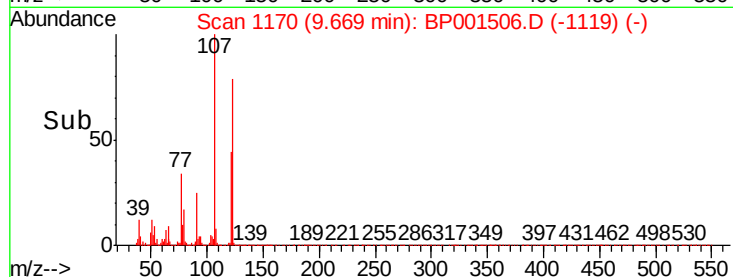
121 56.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.816 ng

RT: 9.90 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

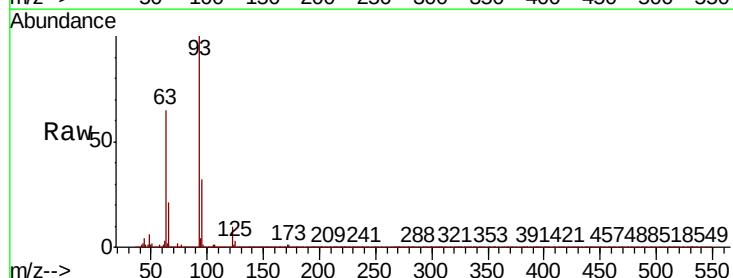
Tgt Ion: 93 Resp: 354123

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

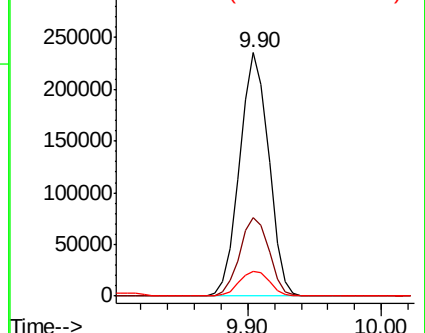
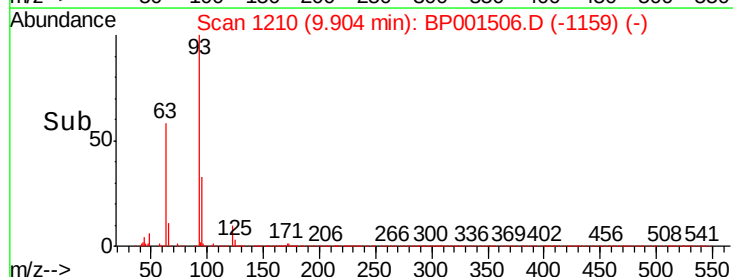
123 10.3 8.2 12.4

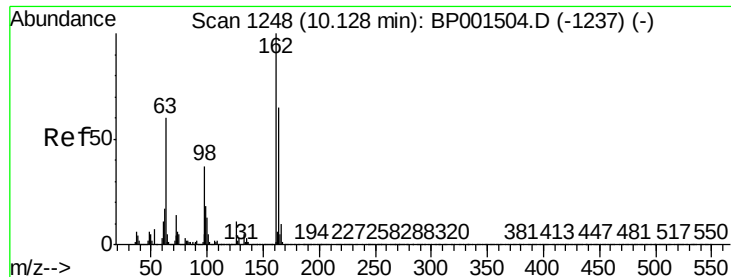


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

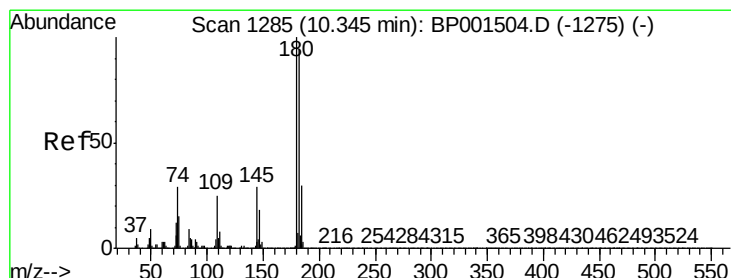
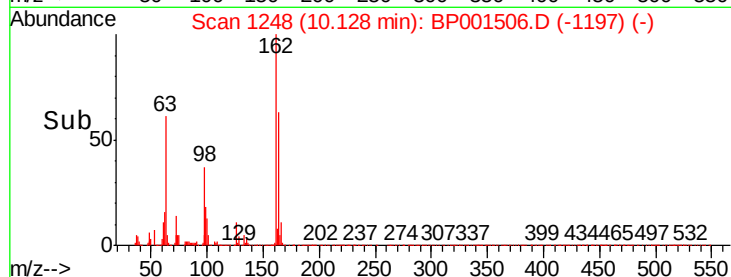
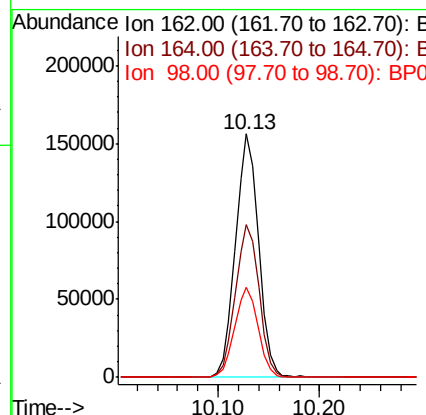
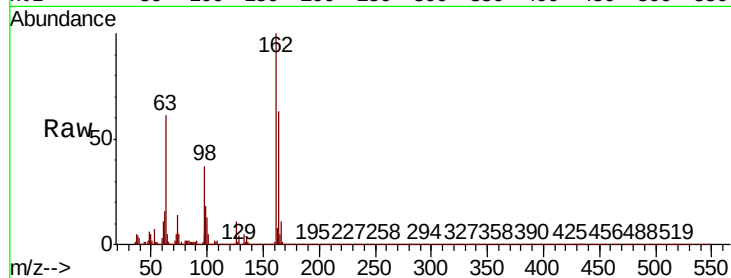




#29
2,4-Dichlorophenol
Concen: 57.565 ng
RT: 10.13 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

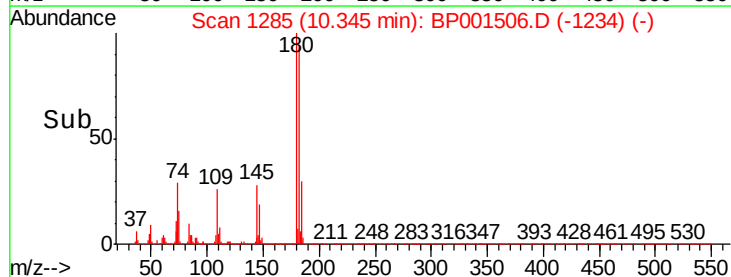
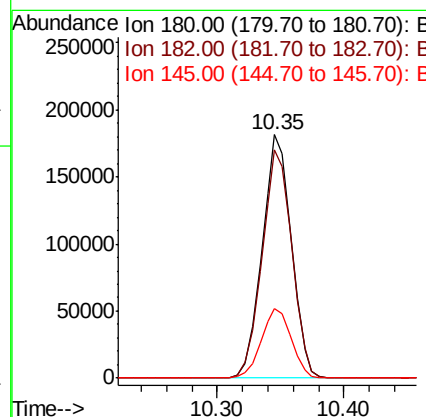
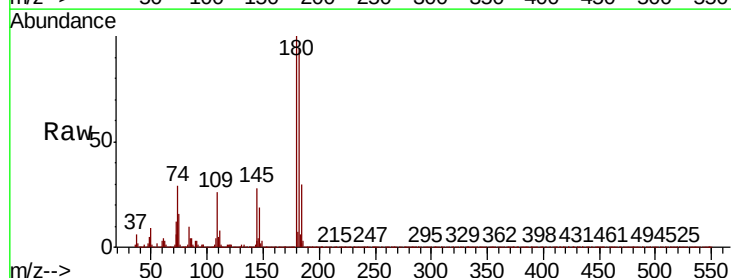
Instrument :
BNA_P
ClientSampleId :

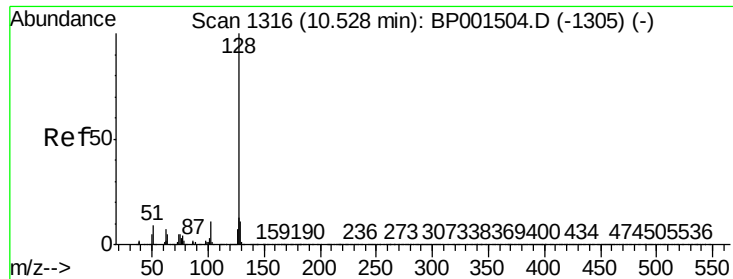
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	37.2	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 55.063 ng
RT: 10.35 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.0	112.4
145	28.4	23.5	35.3

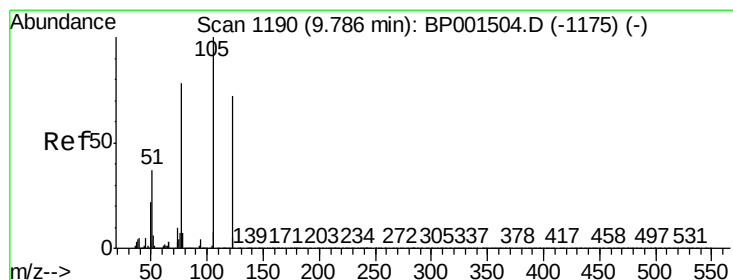
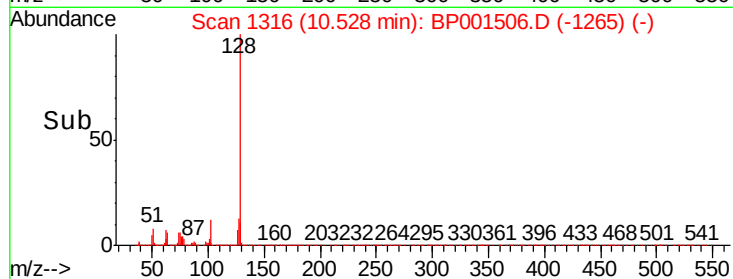
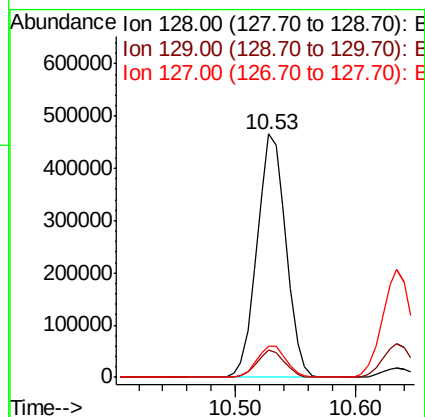
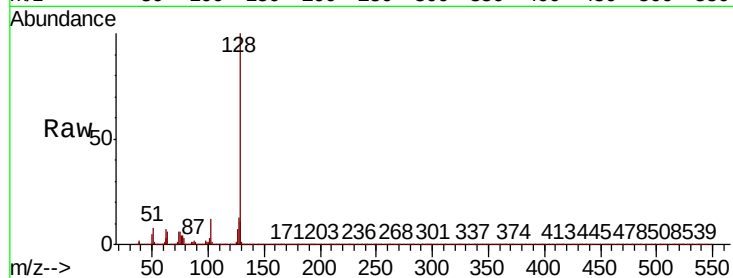




#31
Naphthalene
Concen: 54.664 ng
RT: 10.53 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

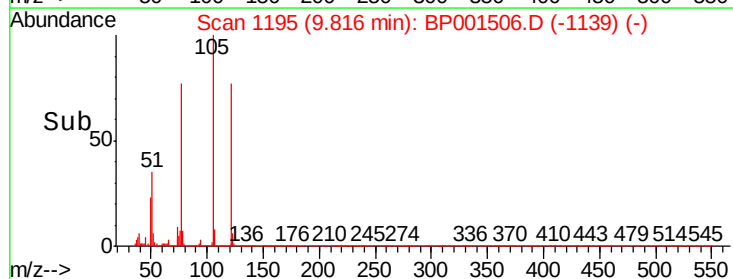
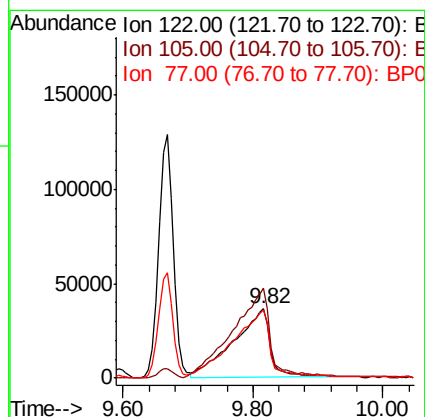
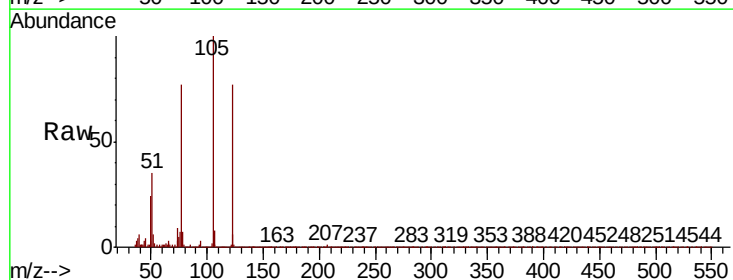
Instrument :
BNA_P
ClientSampleId :

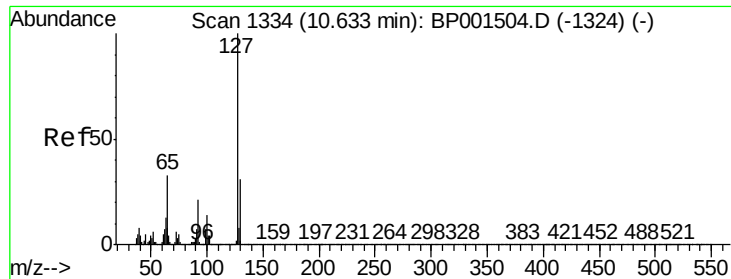
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.6	10.5	15.7



#32
Benzoic acid
Concen: 53.987 ng
RT: 9.82 min Scan# 1195
Delta R.T. 0.03 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	111.1	151.1
77	99.5	85.9	125.9

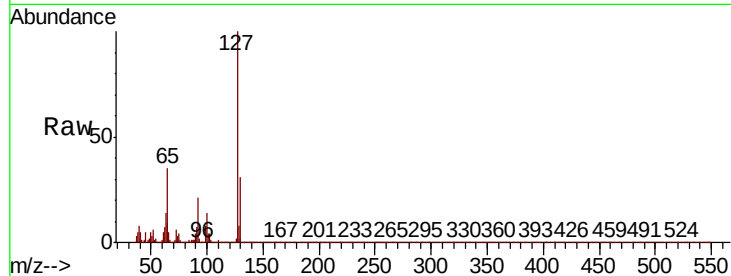




#33
4-Chloroaniline
Concen: 59.236 ng
RT: 10.63 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	341599
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.2	37.8
65	35.1	26.6	39.8
92	21.4	17.2	25.8



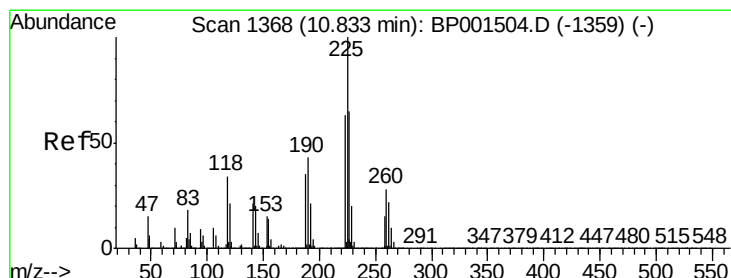
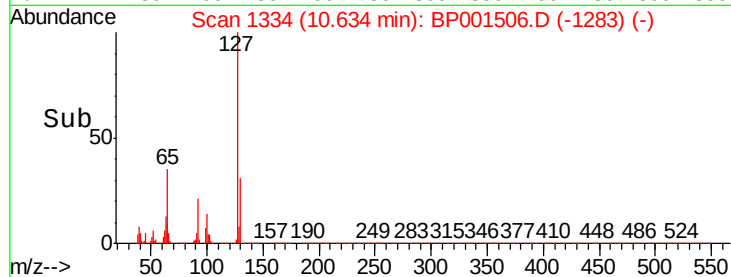
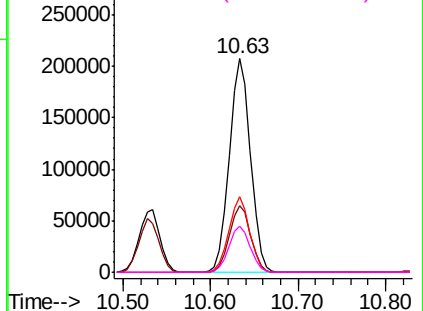
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

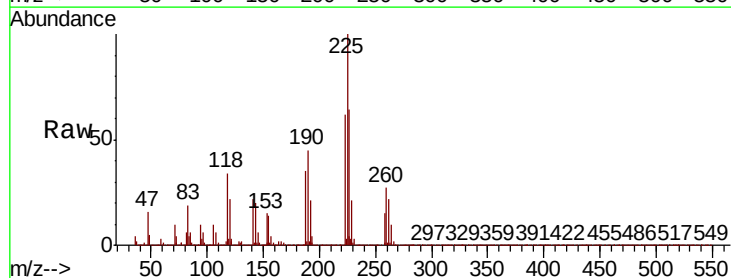
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 52.980 ng
RT: 10.83 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:	225	Resp:	195429
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.4
227	64.3	52.0	78.0

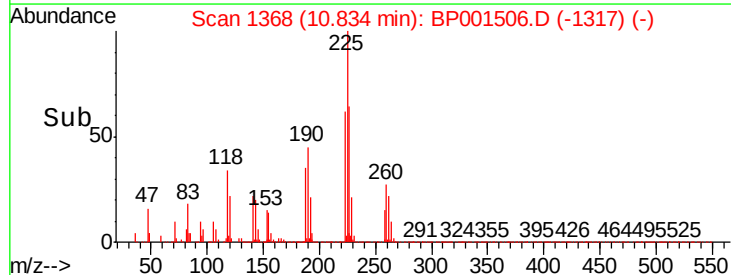
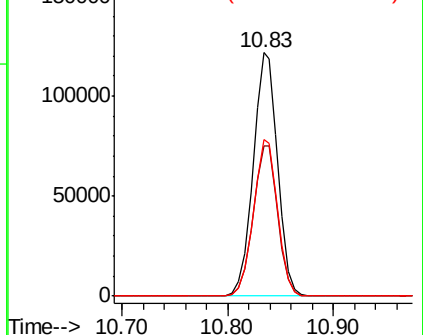


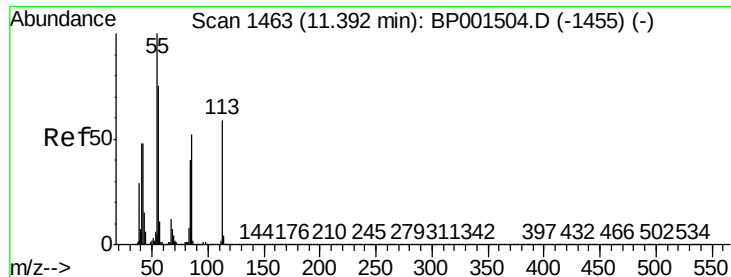
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

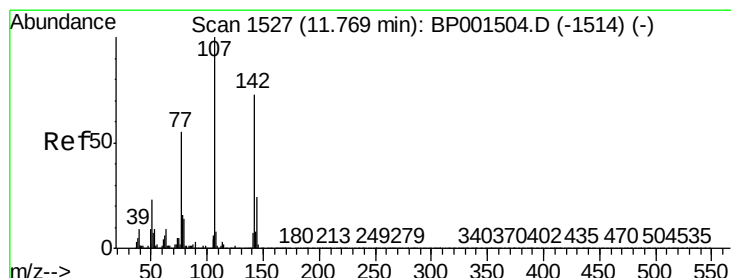
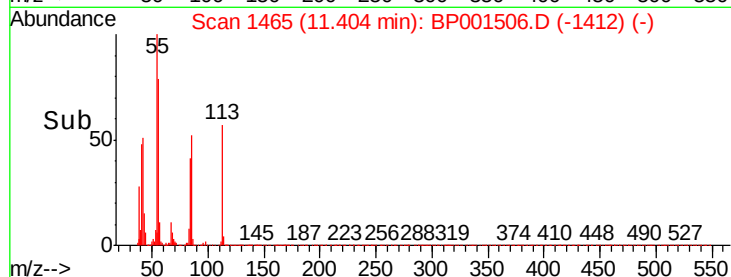
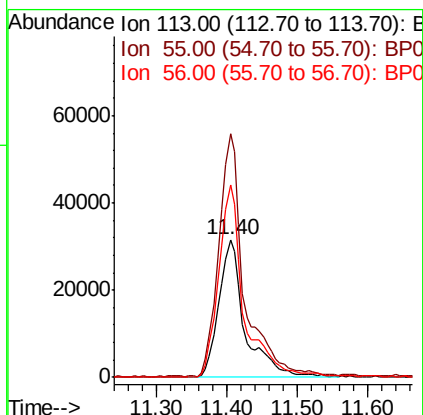
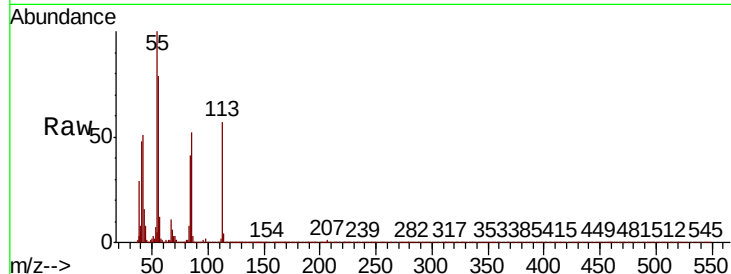




#35
Caprolactam
Concen: 63.531 ng
RT: 11.40 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

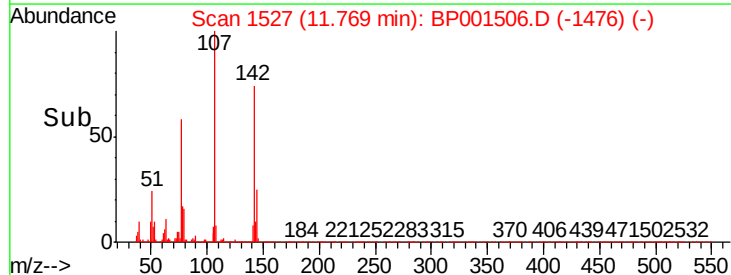
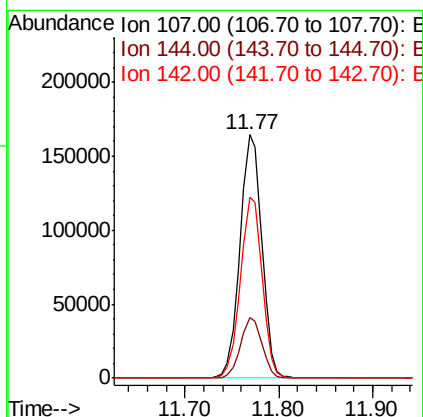
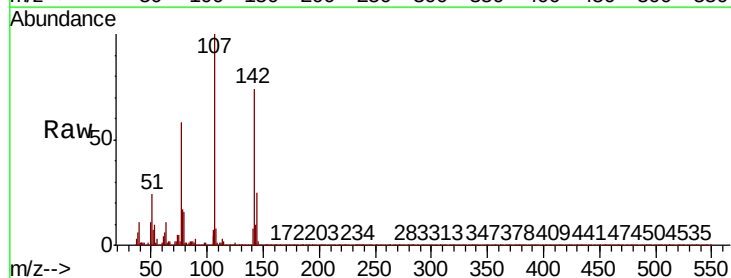
Instrument :
BNA_P
ClientSampleId :

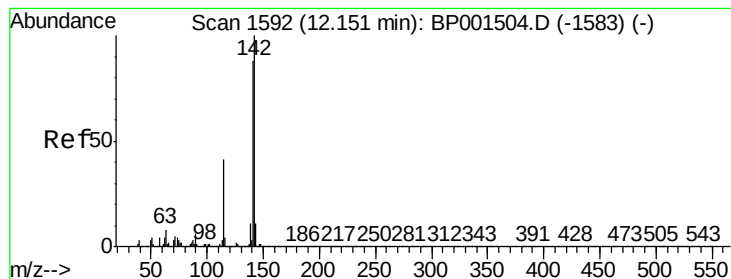
Tot Ion:113 Resp: 81279
Ion Ratio Lower Upper
113 100
55 176.7 150.8 190.8
56 139.4 107.7 147.7



#36
4-Chloro-3-methylphenol
Concen: 53.053 ng
RT: 11.77 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:107 Resp: 266561
Ion Ratio Lower Upper
107 100
144 24.7 19.2 28.8
142 74.3 58.4 87.6





#37

2-Methylnaphthalene

Concen: 56.089 ng

RT: 12.15 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

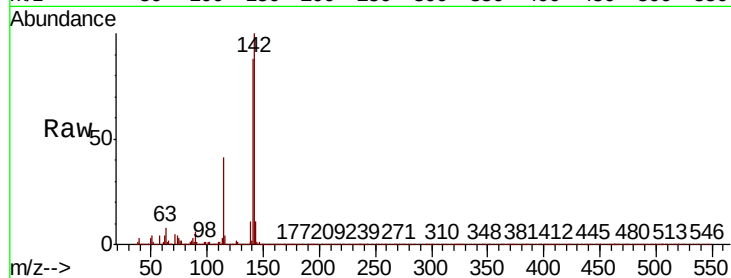
Tot Ion:142 Resp: 546024

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1

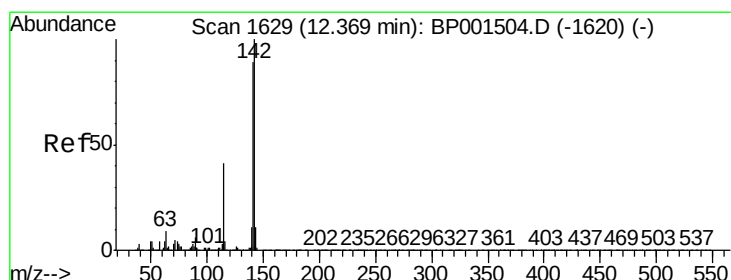
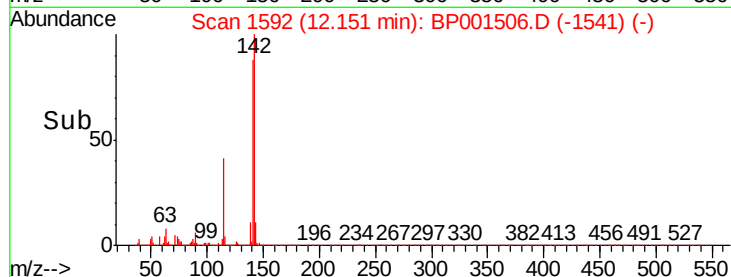
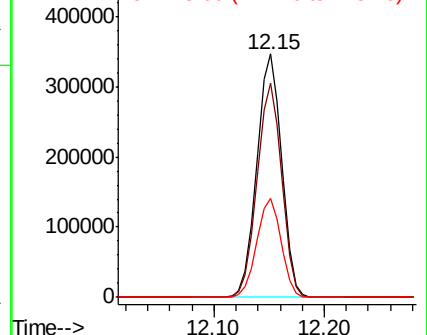
115 40.7 32.4 48.6



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: 56.813 ng

RT: 12.37 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

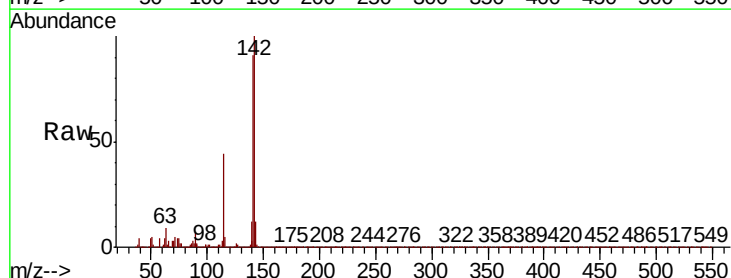
Tgt Ion:142 Resp: 519958

Ion Ratio Lower Upper

142 100

141 91.3 71.4 107.0

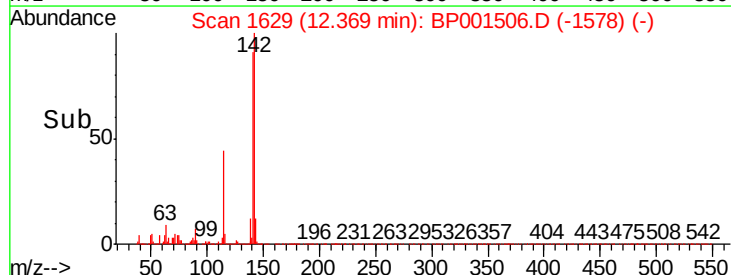
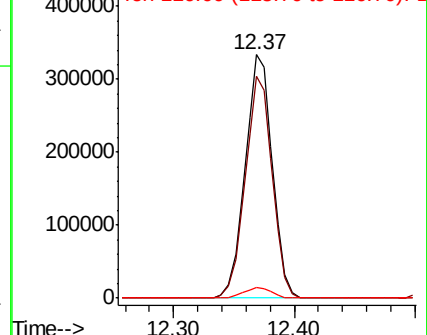
116 4.5 3.4 5.0

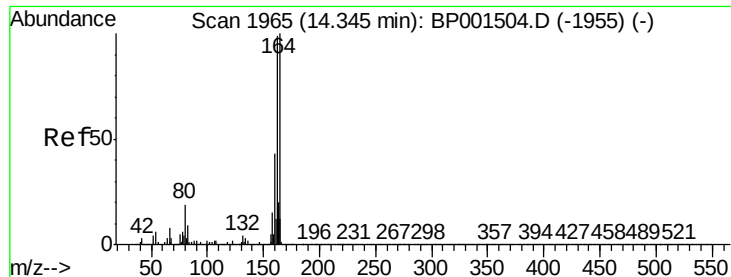


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.35 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

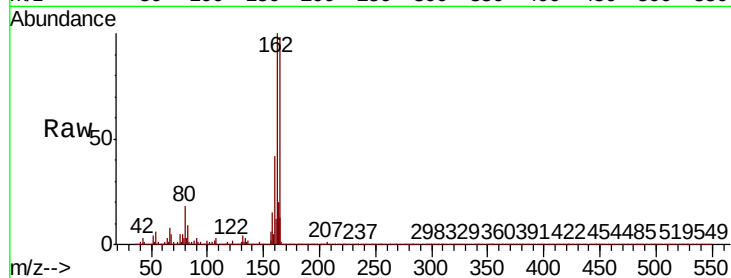
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 163267

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.2	118.8
160	42.6	34.6	52.0

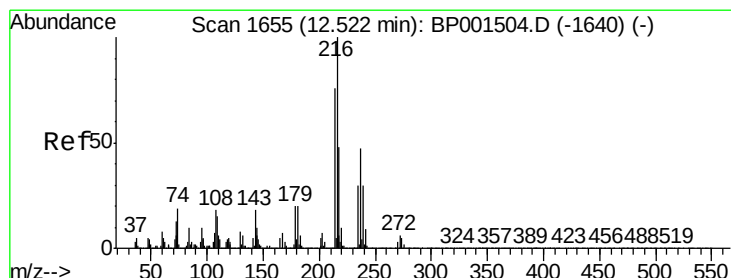
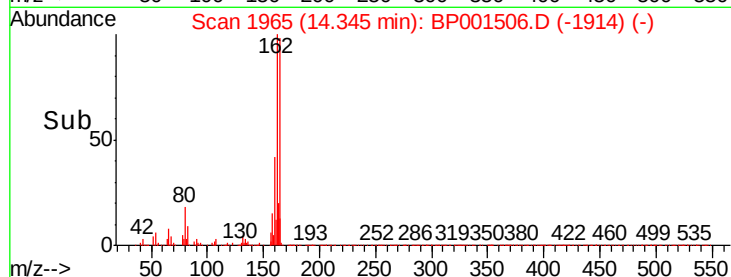
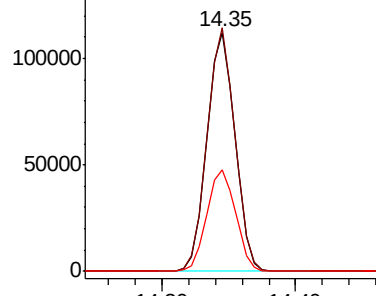


Abundance

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: 51.968 ng

RT: 12.53 min Scan# 1656

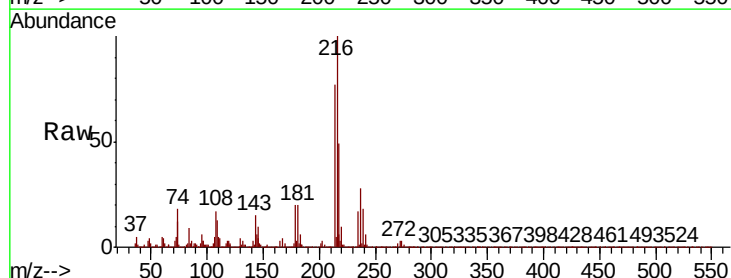
Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Tgt Ion:216 Resp: 313720

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	20.5	16.6	24.8
108	18.8	14.6	22.0



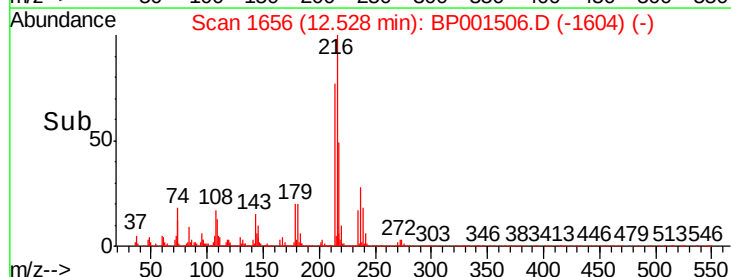
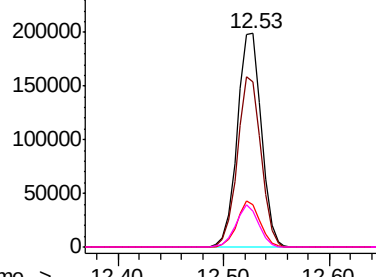
Abundance

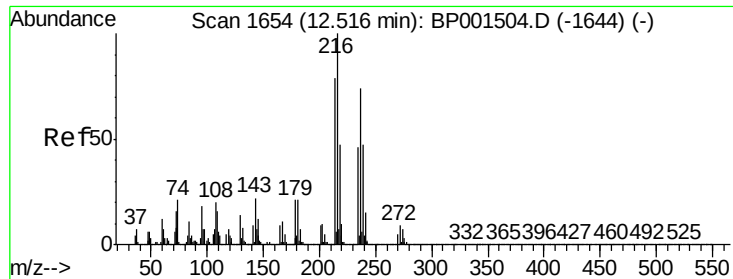
Ion 216.00 (215.70 to 216.70): E

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

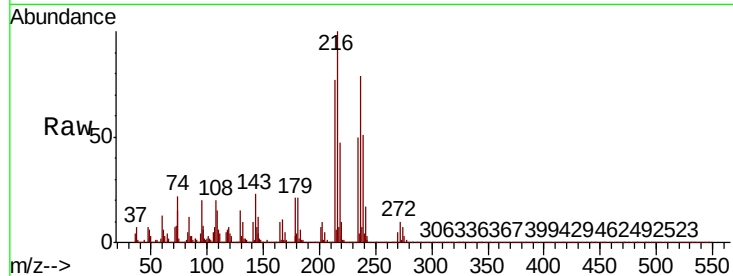




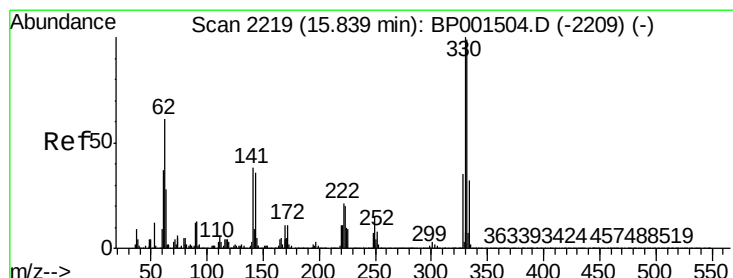
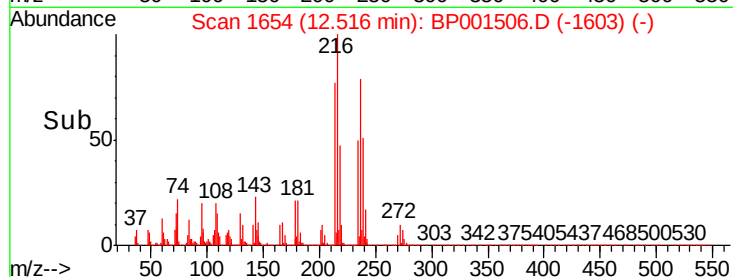
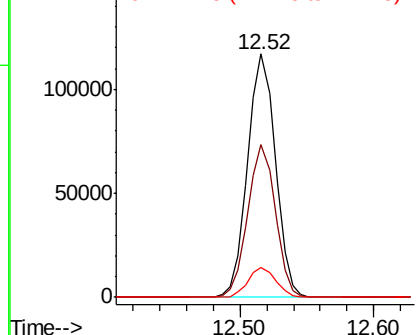
#41
Hexachlorocyclopentadiene
Concen: 56.167 ng
RT: 12.52 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	12.3	0.0	32.6

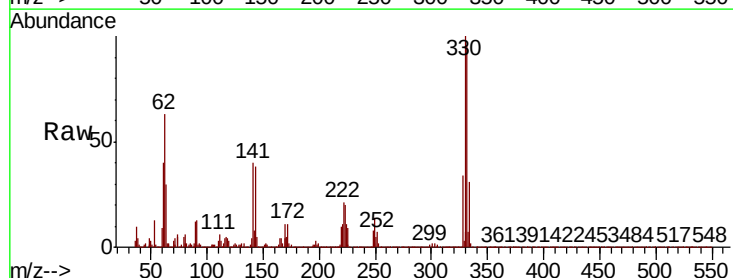


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

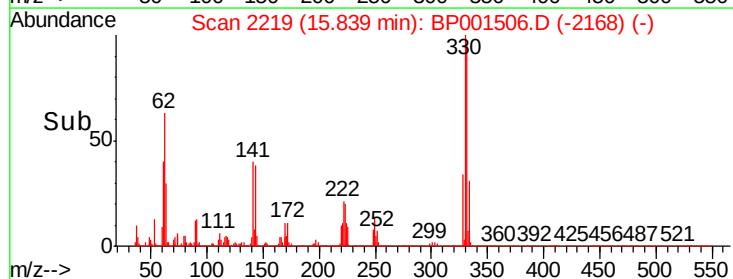
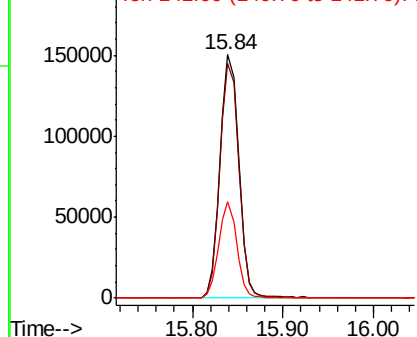


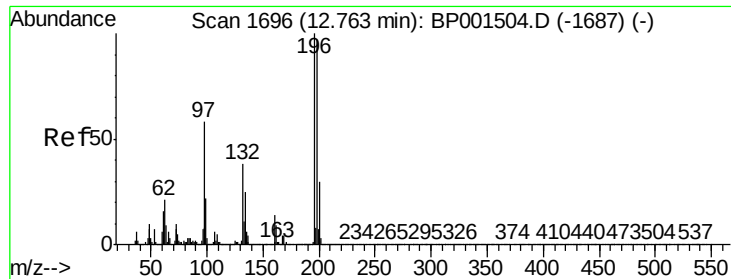
#42
2,4,6-Tribromophenol
Concen: 106.820 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	38.2	30.3	45.5



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

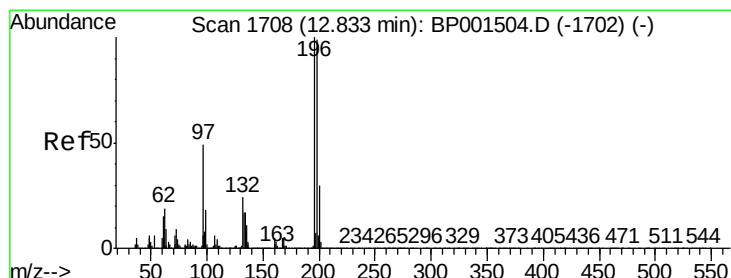
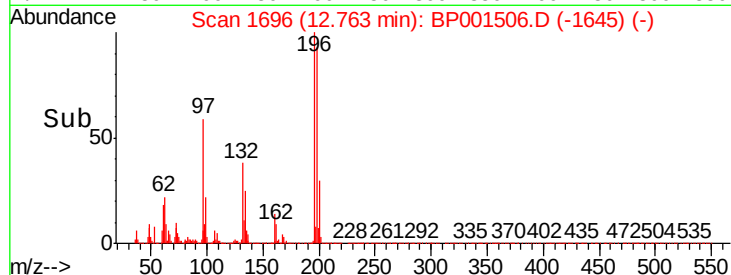
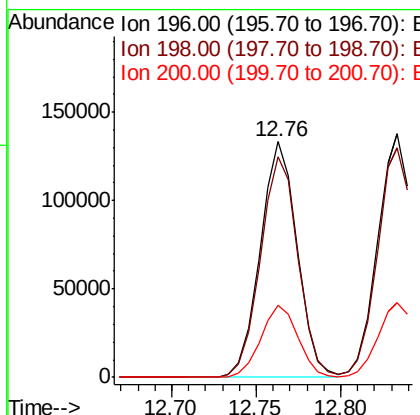
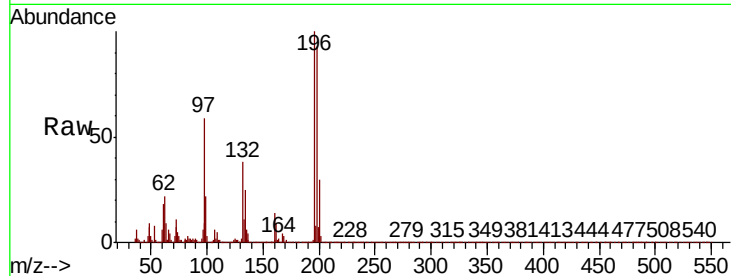




#43
 2,4,6-Trichlorophenol
 Concen: 53.991 ng
 RT: 12.76 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

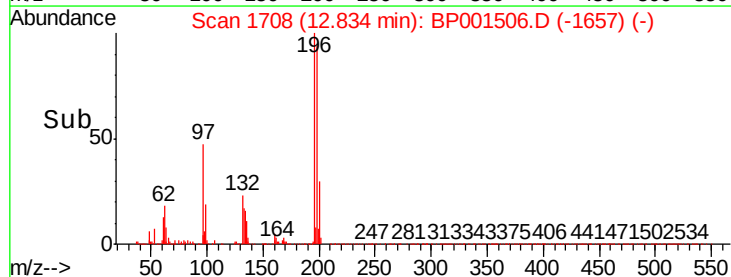
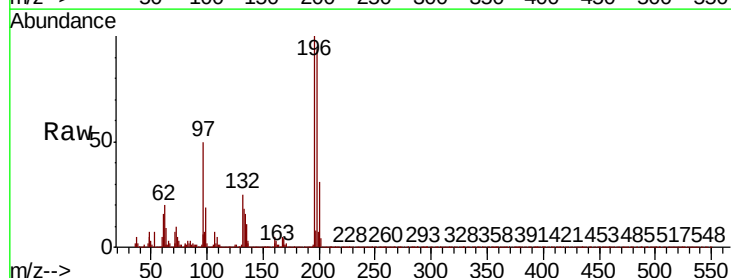
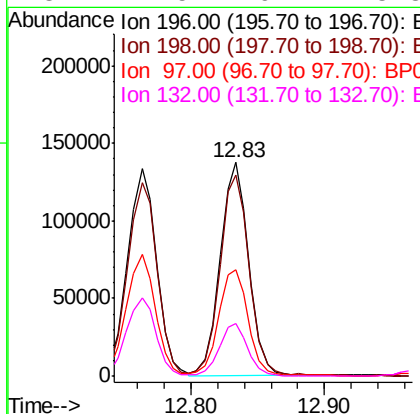
Instrument :
 BNA_P
 ClientSampleId :

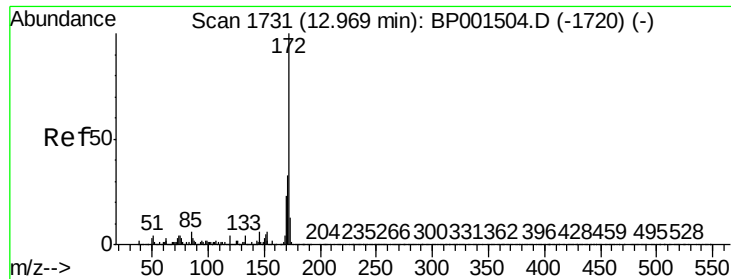
Tot Ion	196	Resp	200448
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.4	116.2
200	30.4	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 53.935 ng
 RT: 12.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	196	Resp	205739
Ion Ratio	Lower	Upper	
196	100		
198	94.1	79.5	119.3
97	49.7	39.3	58.9
132	24.5	19.2	28.8

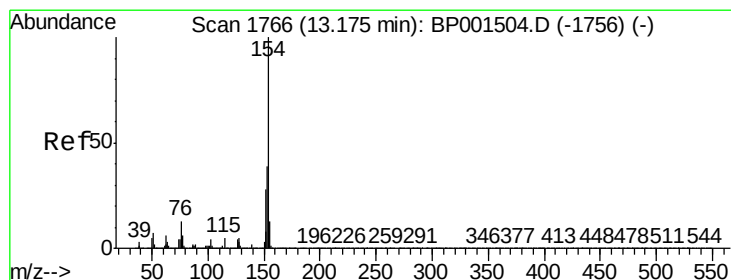
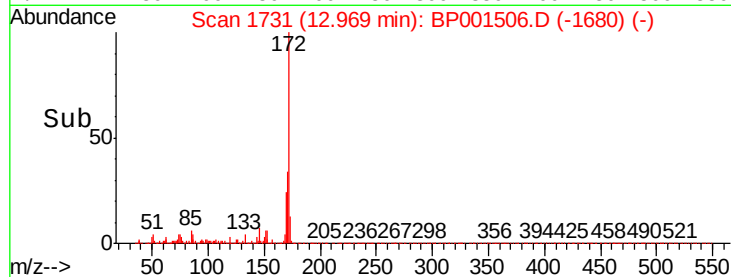
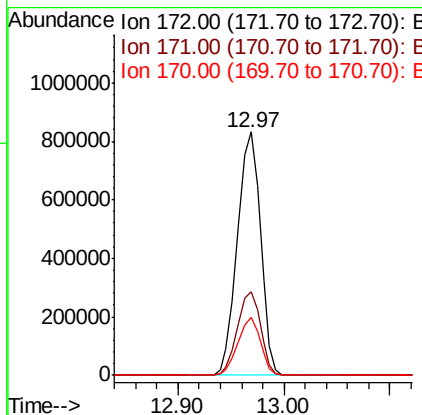
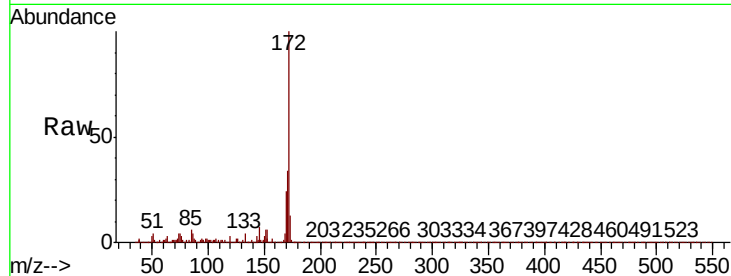




#45
2-Fluorobiphenyl
Concen: 97.456 ng
RT: 12.97 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

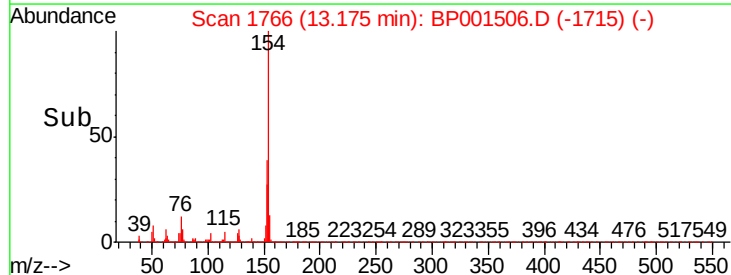
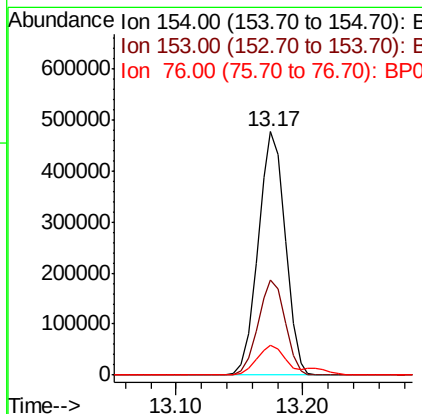
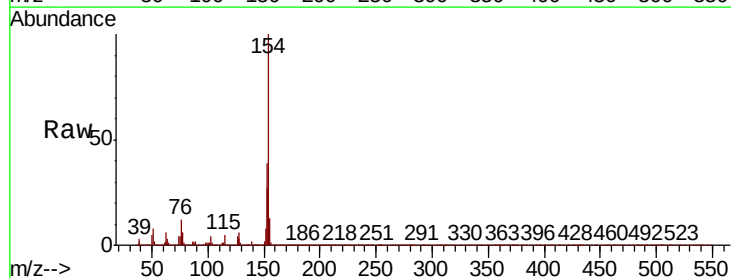
Instrument :
BNA_P
ClientSampled :

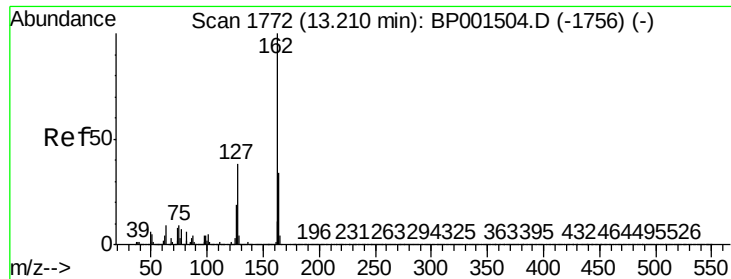
Tot Ion:172 Resp: 1258327
Ion Ratio Lower Upper
172 100
171 34.3 26.7 40.1
170 23.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 51.972 ng
RT: 13.17 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:154 Resp: 710080
Ion Ratio Lower Upper
154 100
153 39.1 19.1 59.1
76 12.5 0.0 33.0

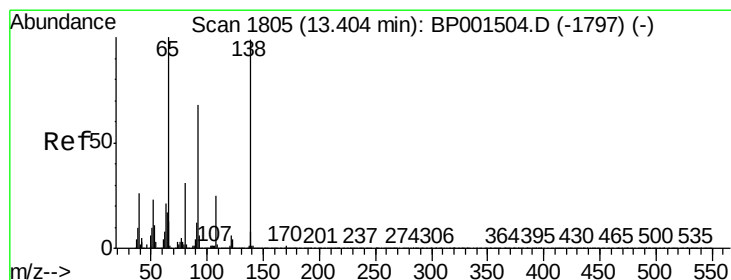
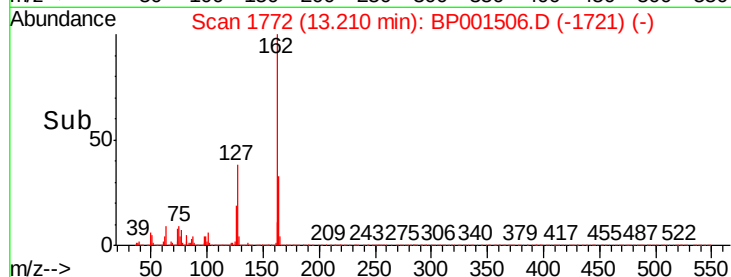
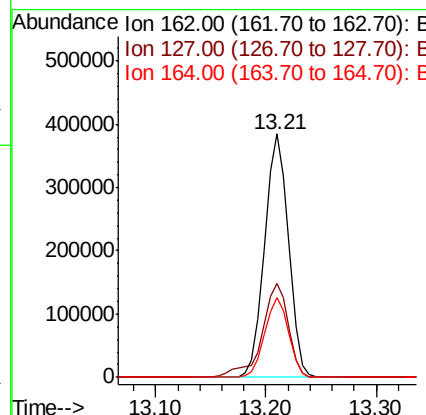
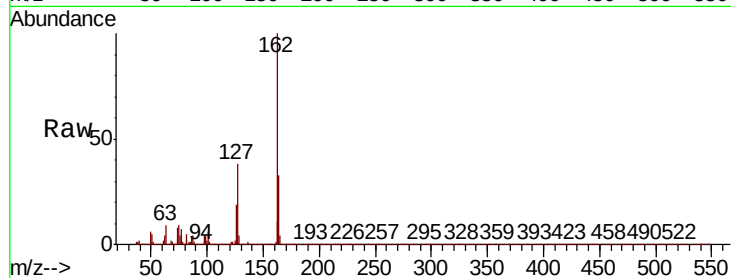




#47
2-Chloronaphthalene
Concen: 52.884 ng
RT: 13.21 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

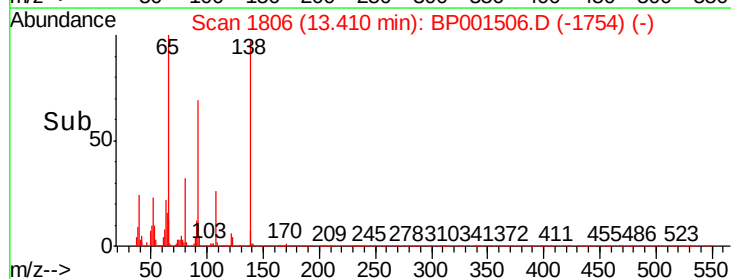
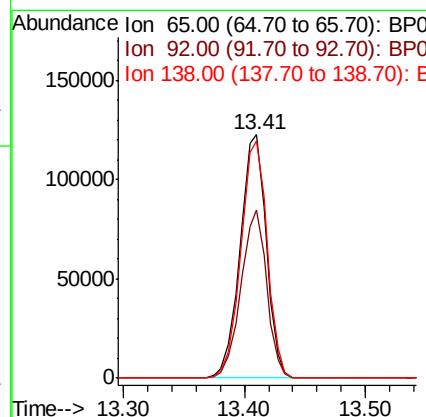
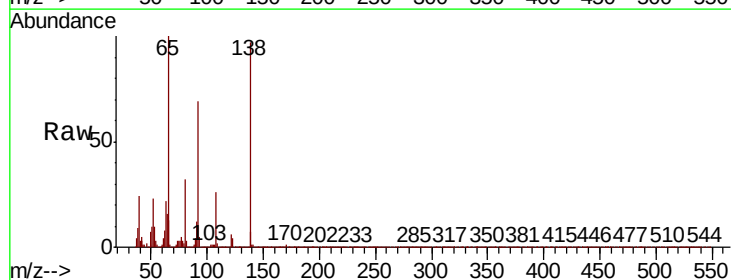
Instrument :
BNA_P
ClientSampled :

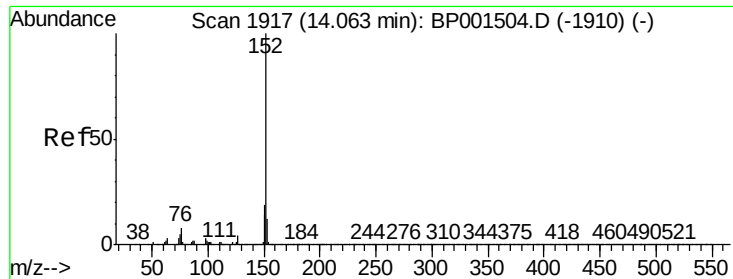
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.2	45.2
164	32.6	26.8	40.2



#48
2-Nitroaniline
Concen: 41.941 ng
RT: 13.41 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.2	81.4
138	97.2	79.0	118.4





#49

Acenaphthylene

Concen: 54.272 ng

RT: 14.06 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

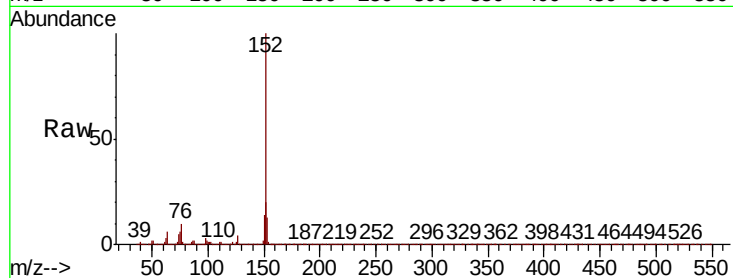
Tot Ion:152 Resp: 876275

Ion Ratio Lower Upper

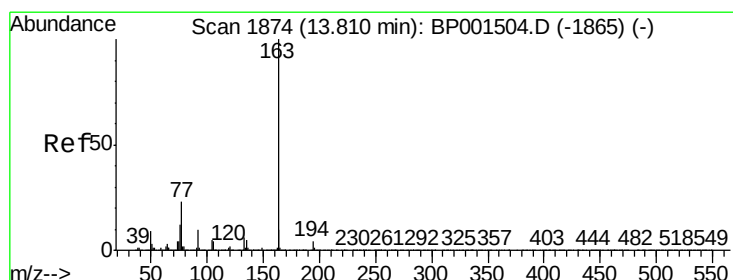
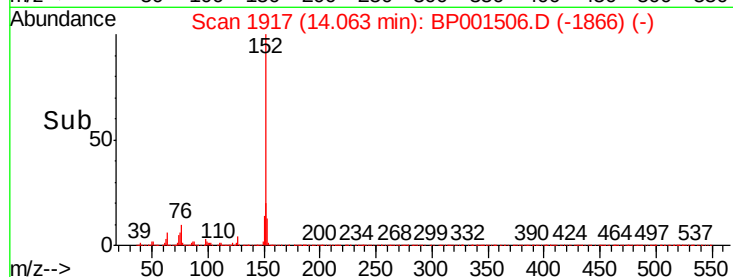
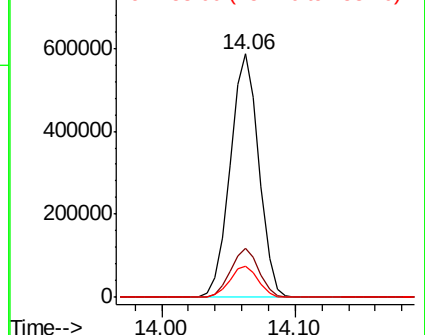
152 100

151 19.9 15.2 22.8

153 13.0 9.9 14.9



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: 54.289 ng

RT: 13.82 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

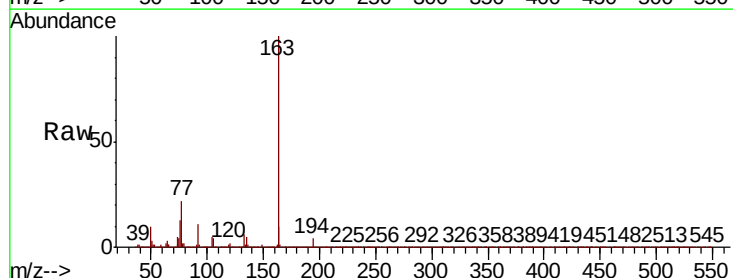
Tgt Ion:163 Resp: 727157

Ion Ratio Lower Upper

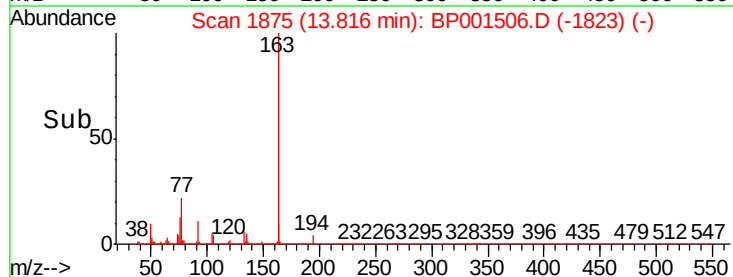
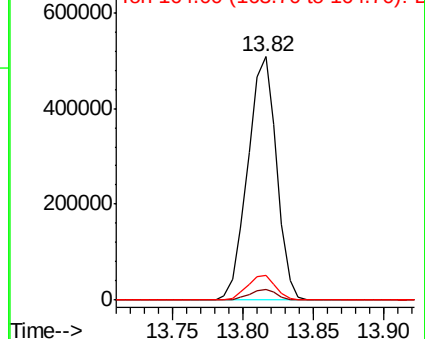
163 100

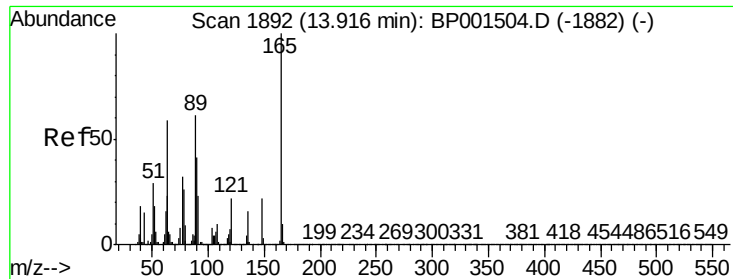
194 4.1 3.4 5.0

164 10.0 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

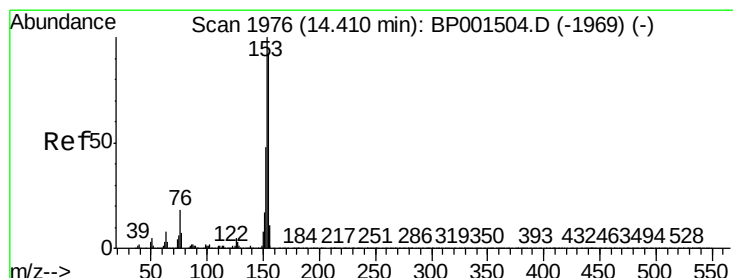
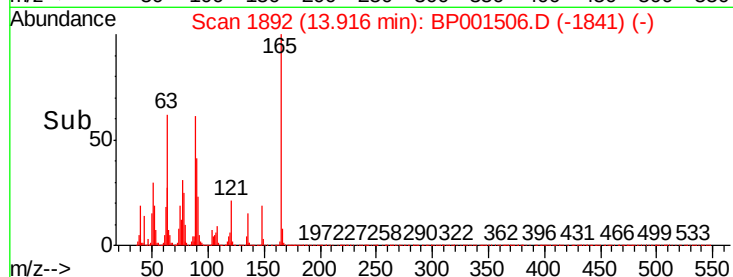
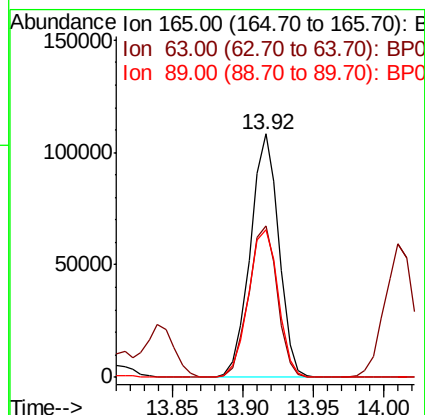
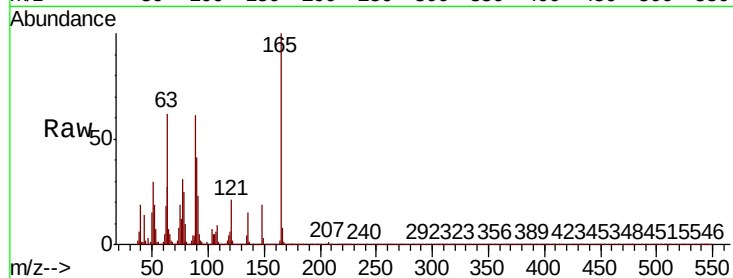




#51
 2,6-Dinitrotoluene
 Concen: 56.464 ng
 RT: 13.92 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

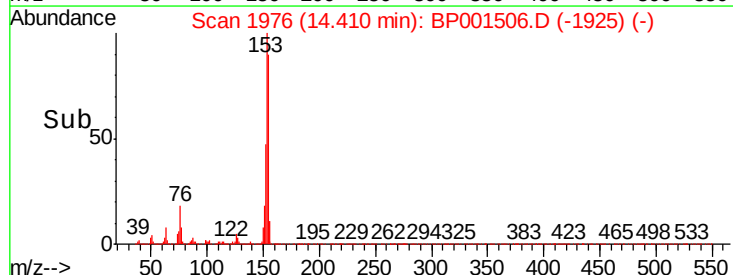
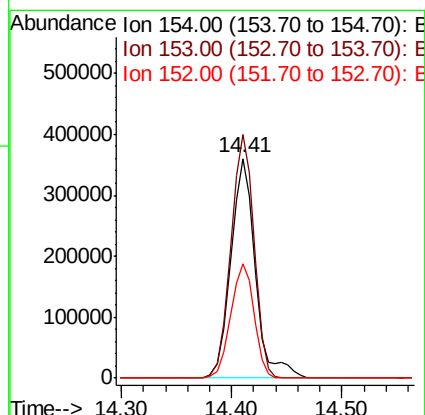
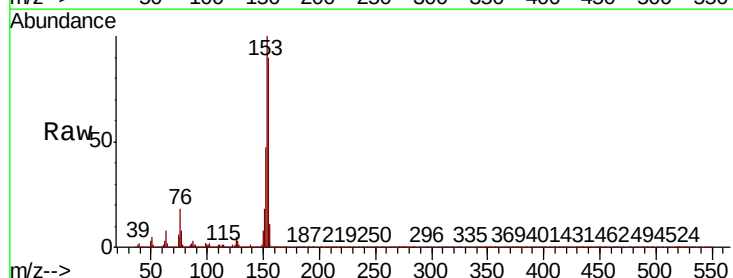
Instrument :
 BNA_P
 ClientSampled :

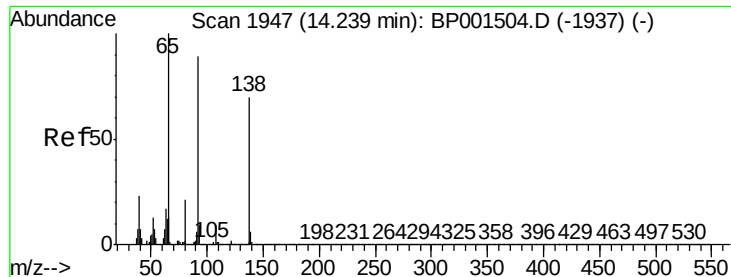
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	50.0	75.0
89	60.9	49.2	73.8



#52
 Acenaphthene
 Concen: 57.745 ng
 RT: 14.41 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.3	130.9
152	52.2	41.5	62.3

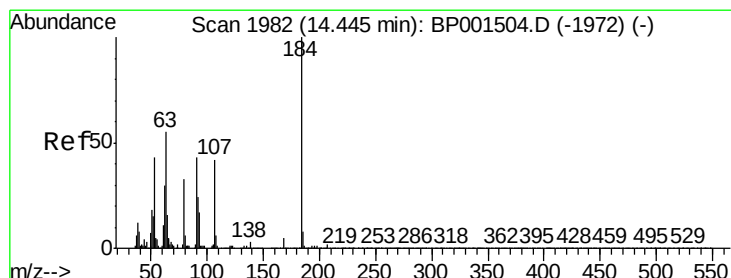
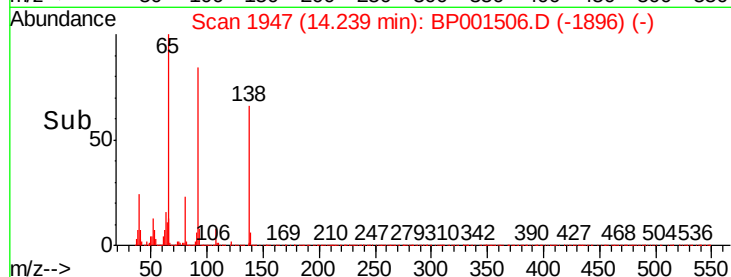
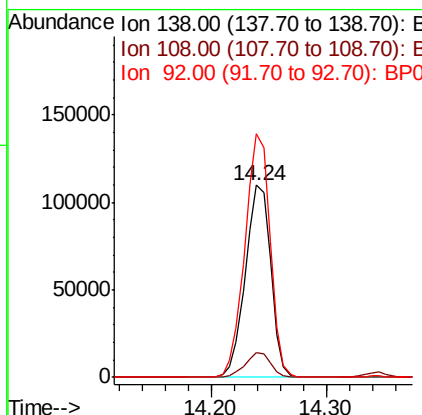
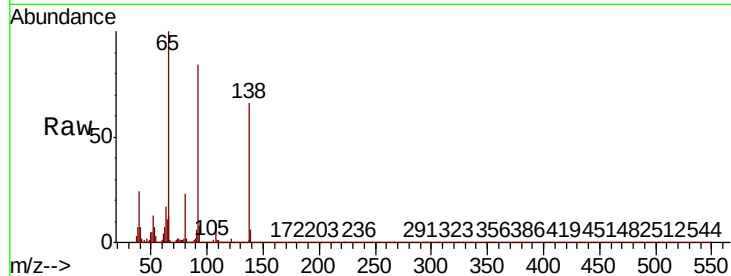




#53
3-Nitroaniline
Concen: 57.968 ng
RT: 14.24 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

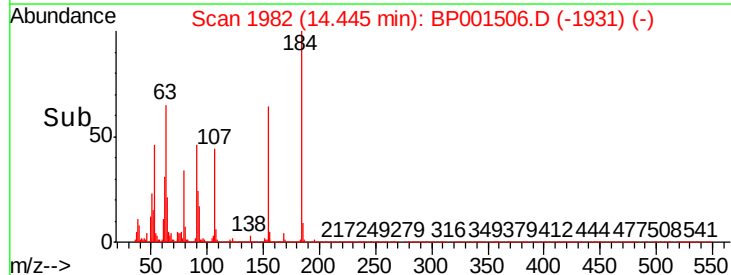
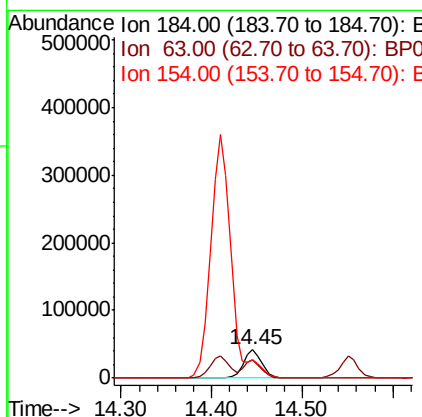
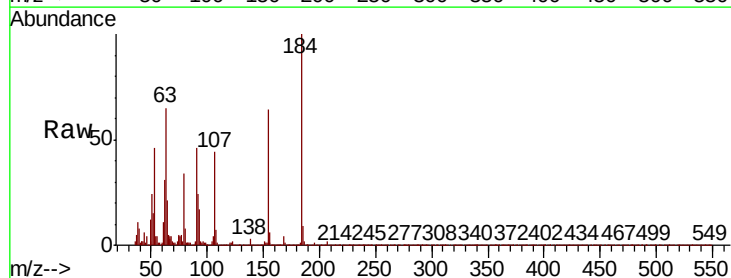
Instrument :
BNA_P
ClientSampleId :

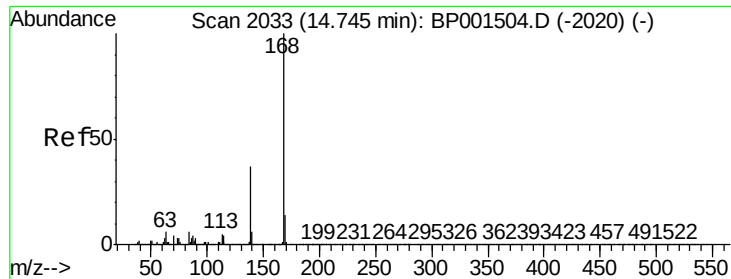
Tot Ion:138 Resp: 169216
Ion Ratio Lower Upper
138 100
108 13.0 10.8 16.2
92 126.9 102.3 153.5



#54
2,4-Dinitrophenol
Concen: 55.484 ng
RT: 14.45 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:184 Resp: 58269
Ion Ratio Lower Upper
184 100
63 64.9 50.0 75.0
154 64.4 49.2 73.8

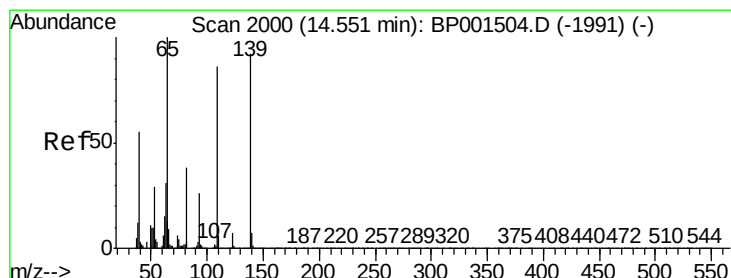
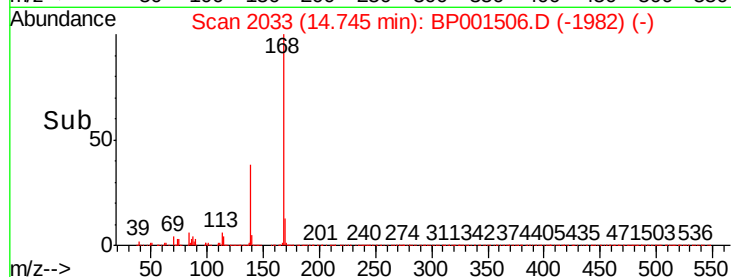
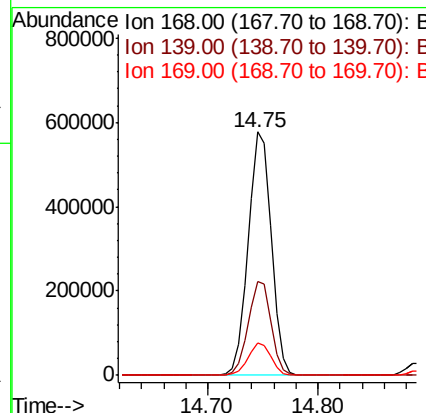
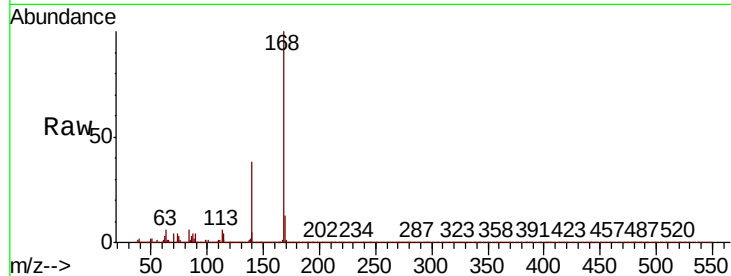




#55
 Dibenzofuran
 Concen: 55.648 ng
 RT: 14.75 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

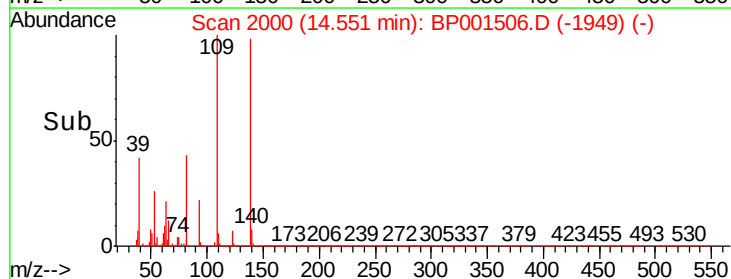
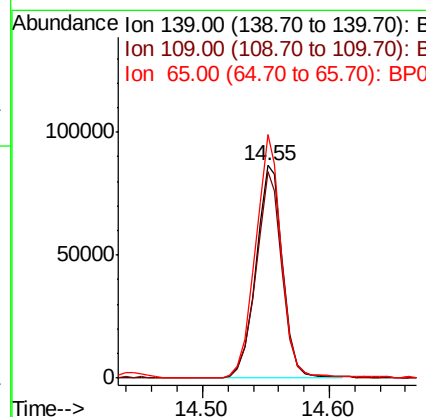
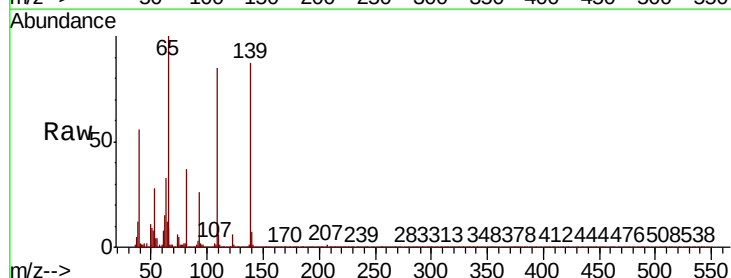
Instrument :
 BNA_P
 ClientSampleId :

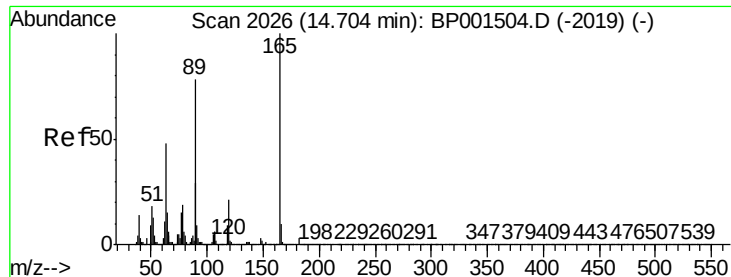
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.8	44.6
169	13.2	10.9	16.3



#56
 4-Nitrophenol
 Concen: 60.650 ng
 RT: 14.55 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	72.8	112.8
65	114.7	88.5	128.5

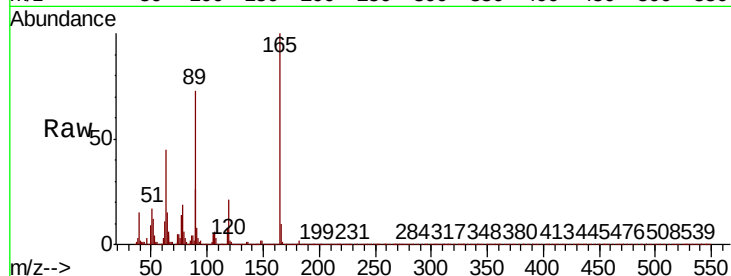




#57
2,4-Dinitrotoluene
Concen: 55.392 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	165	Resp:	209388
Ion	Ratio	Lower	Upper
165	100		
63	45.5	38.9	58.3
89	72.6	62.2	93.2
182	2.4	2.2	3.2

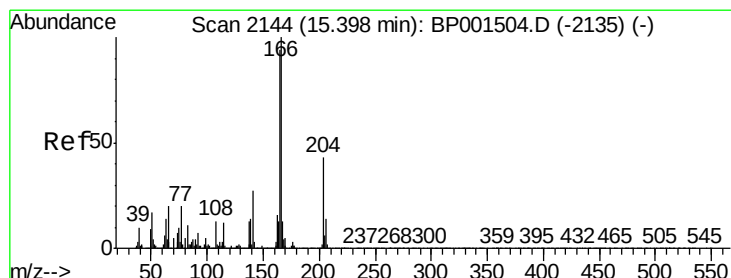
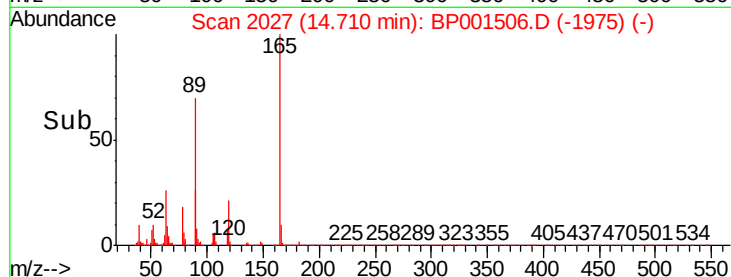
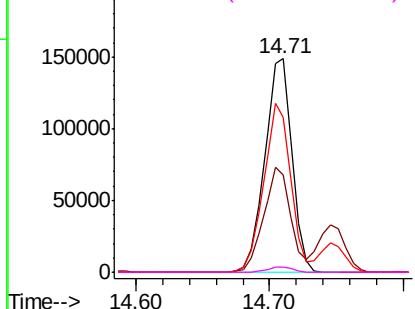


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

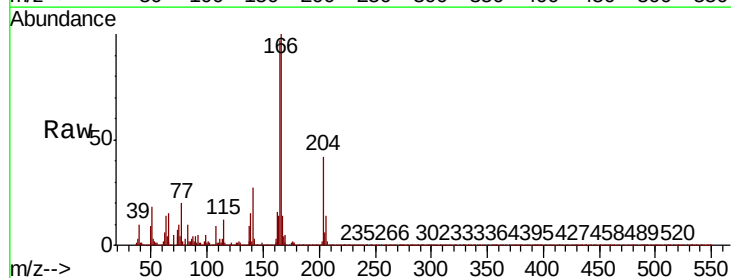
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.731 ng
RT: 15.40 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

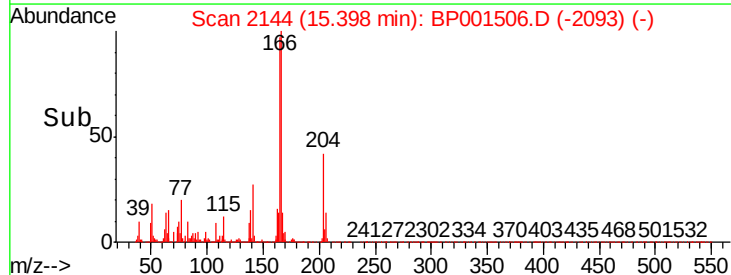
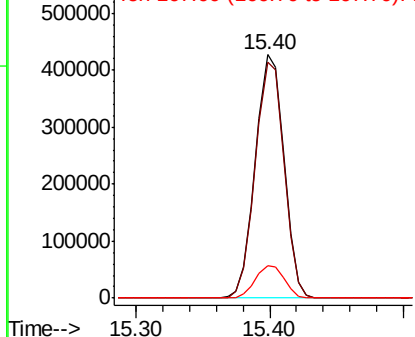
Tgt Ion:	166	Resp:	630658
Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.3	112.9
167	13.6	10.7	16.1

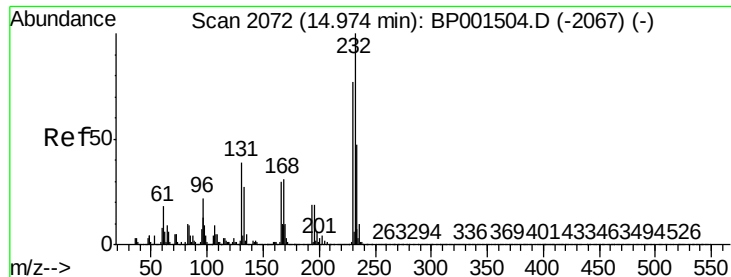


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

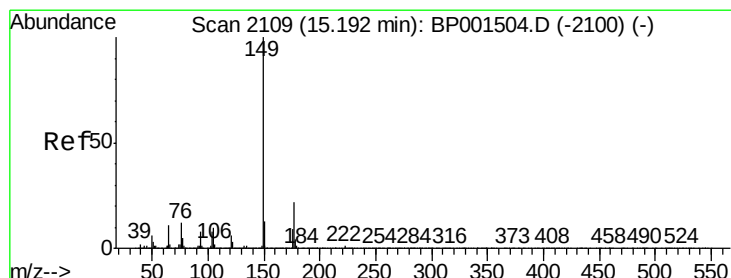
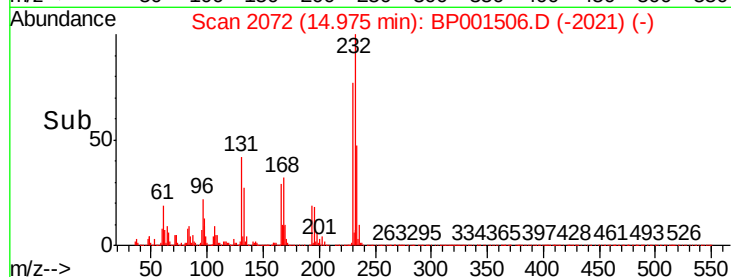
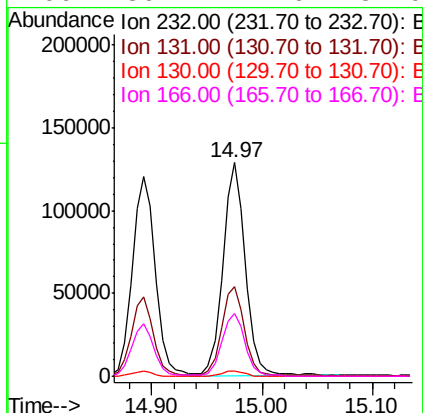
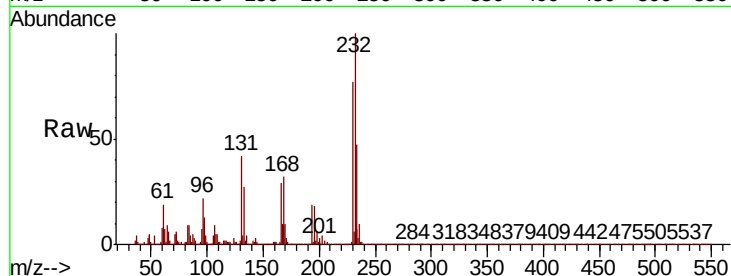




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.530 ng
RT: 14.97 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

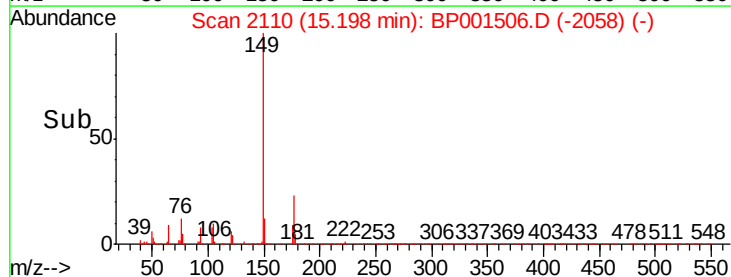
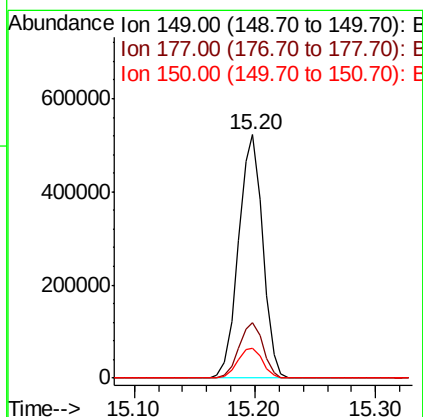
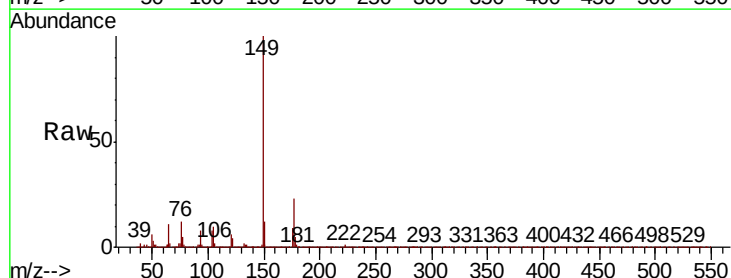
Instrument :
BNA_P
ClientSampleId :

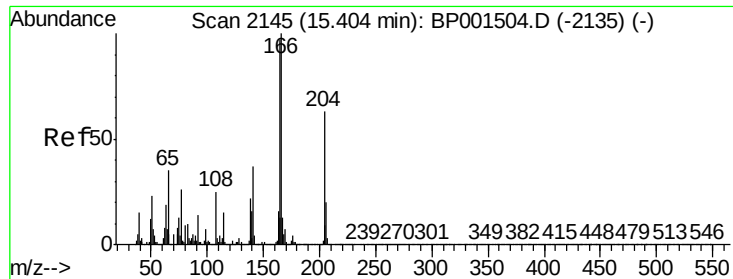
Tot Ion:	232	Resp:	181858
Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.5	50.3
130	2.5	1.9	2.9
166	30.1	24.6	37.0



#60
Diethylphthalate
Concen: 52.795 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:	149	Resp:	729370
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.7	26.5
150	12.4	10.1	15.1

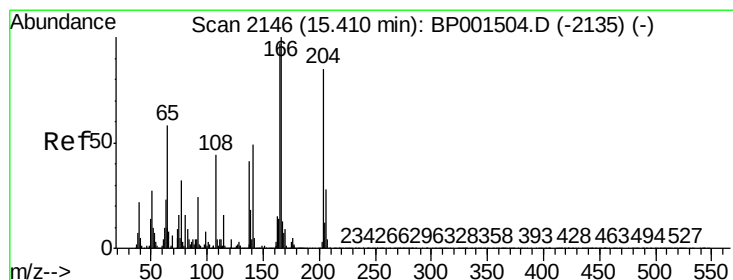
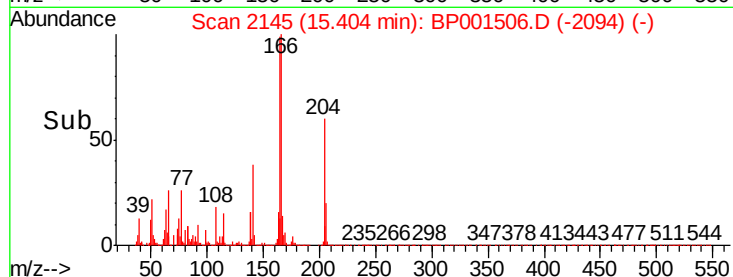
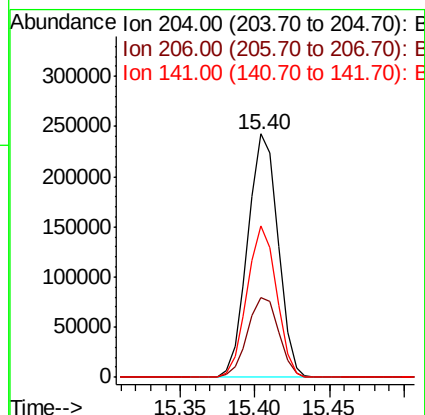
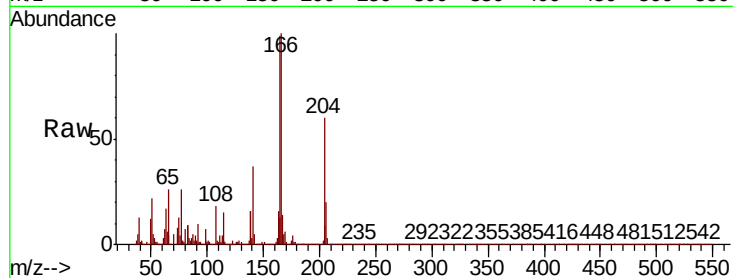




#61
4-Chlorophenyl-phenylether
Concen: 53.025 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

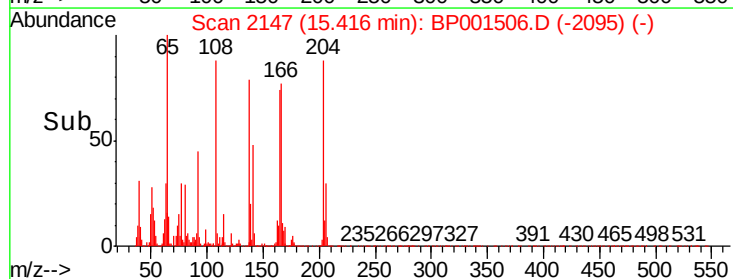
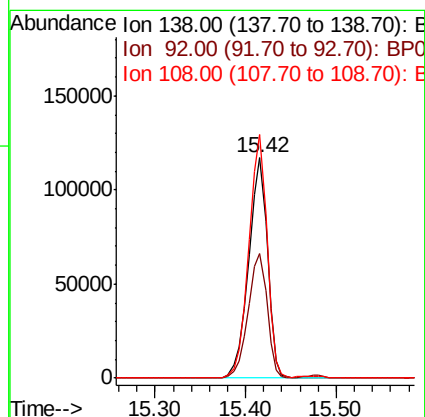
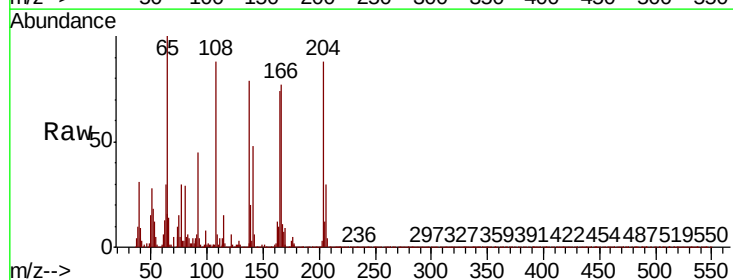
Instrument :
BNA_P
ClientSampled :

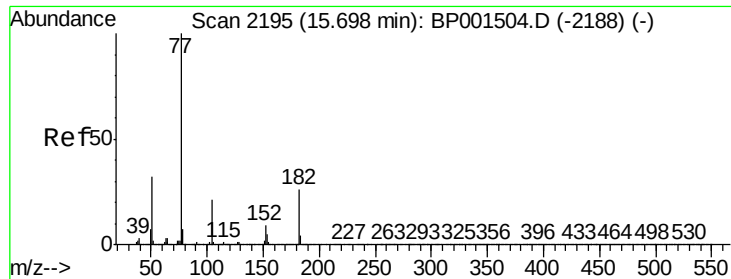
Tot Ion:204 Resp: 339810
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 62.4 47.7 71.5



#62
4-Nitroaniline
Concen: 49.750 ng
RT: 15.42 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:138 Resp: 168177
Ion Ratio Lower Upper
138 100
92 56.7 37.5 77.5
108 110.6 86.4 126.4





#63

Azobenzene

Concen: 49.062 ng

RT: 15.70 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 713569

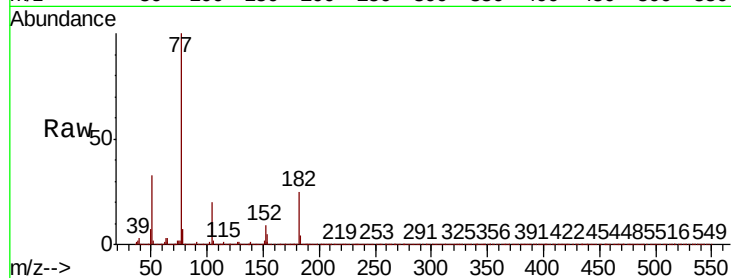
Ion Ratio Lower Upper

77 100

182 25.0 6.1 46.1

105 20.4 0.6 40.6

51 32.9 11.9 51.9

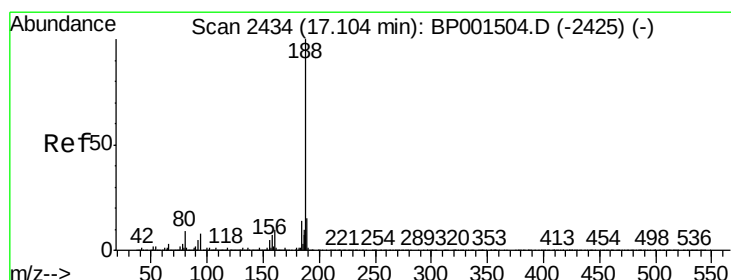
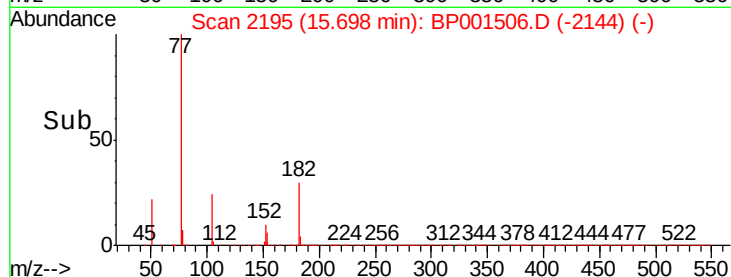
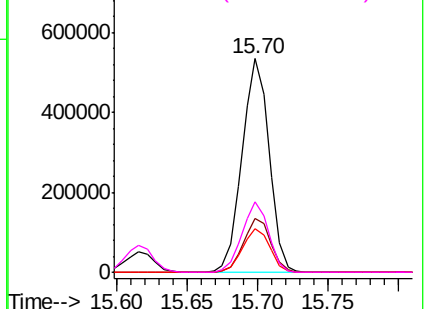


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

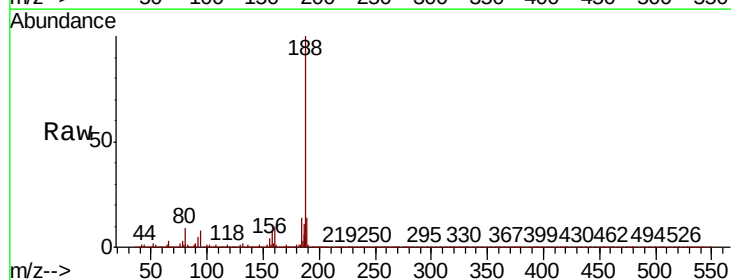
Tgt Ion: 188 Resp: 360134

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

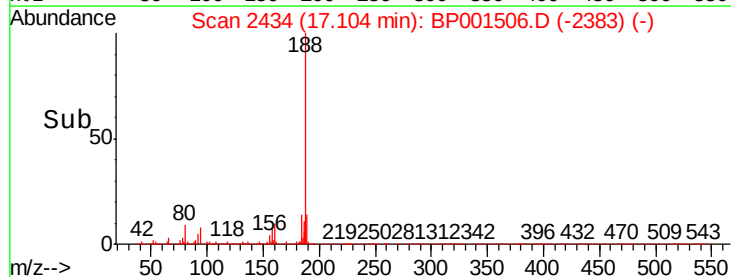
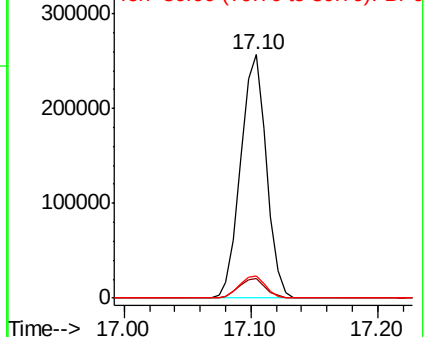
80 8.9 7.3 10.9

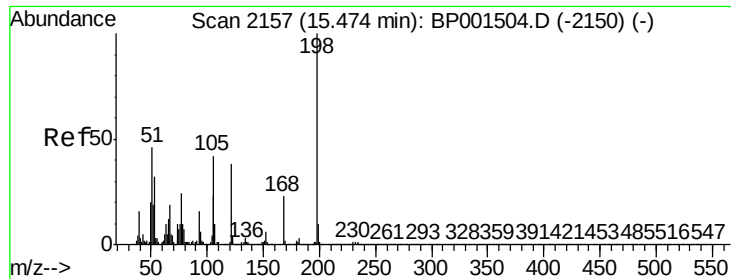


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

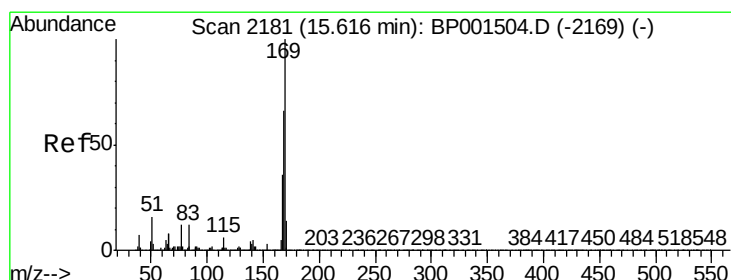
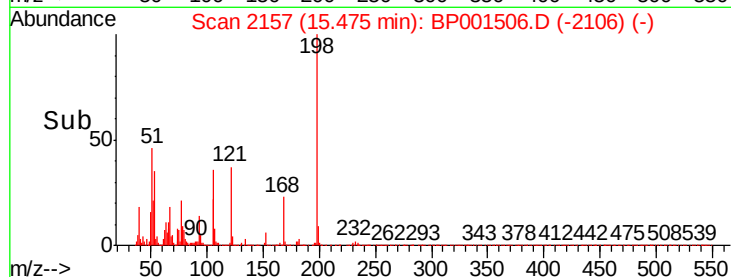
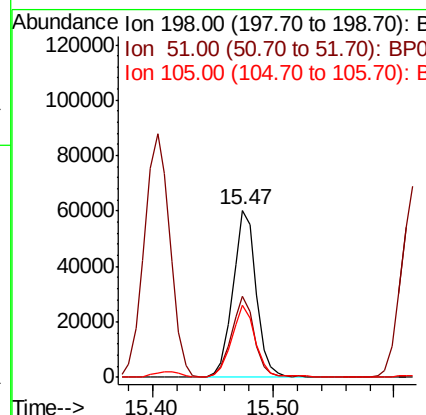
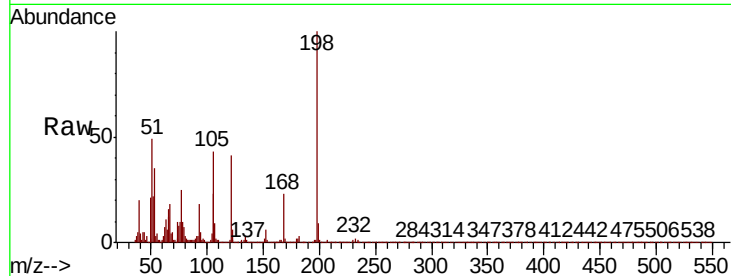




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.311 ng
 RT: 15.47 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

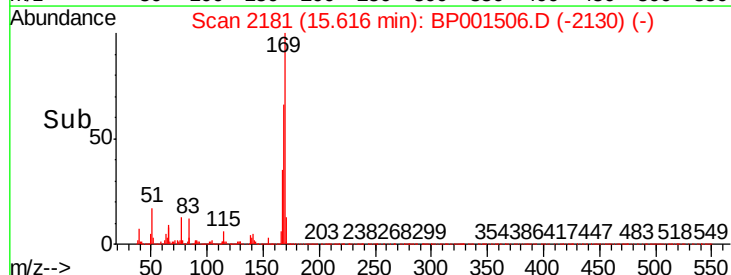
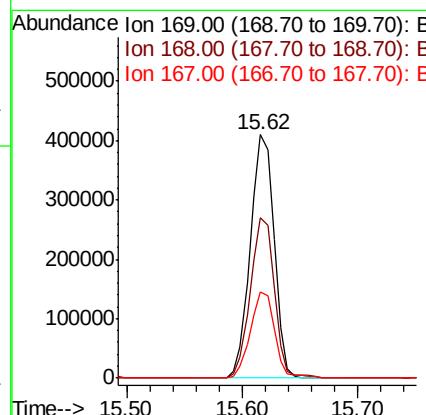
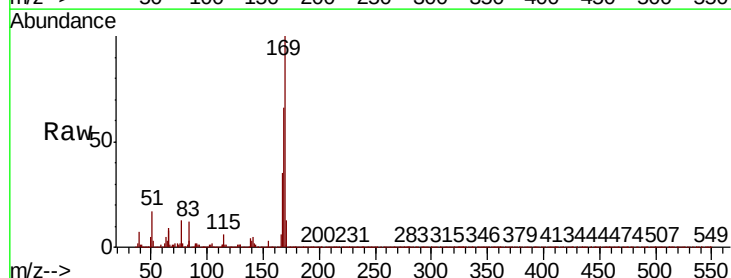
Instrument :
 BNA_P
 ClientSampled :

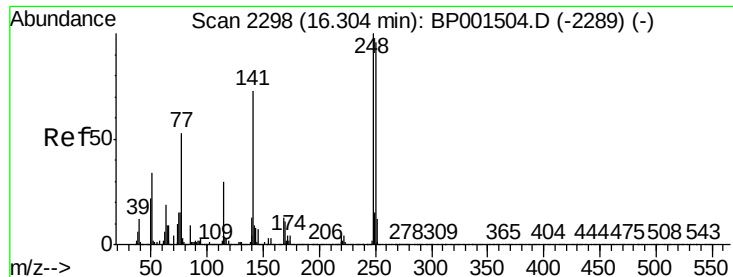
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.6	26.9	66.9
105	43.3	22.5	62.5



#66
 n-Nitrosodiphenylamine
 Concen: 51.631 ng
 RT: 15.62 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	35.5	28.5	42.7

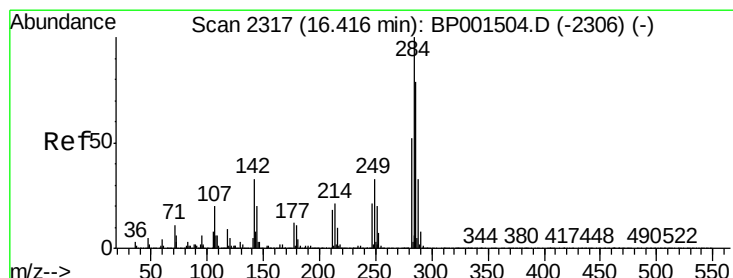
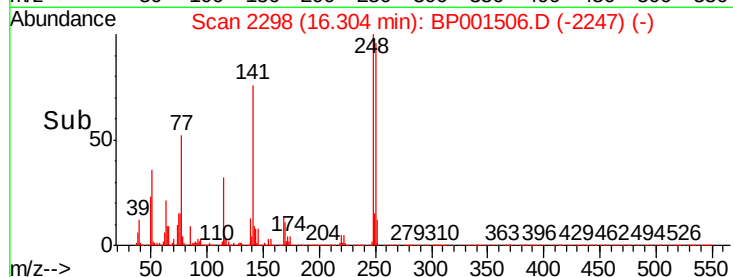
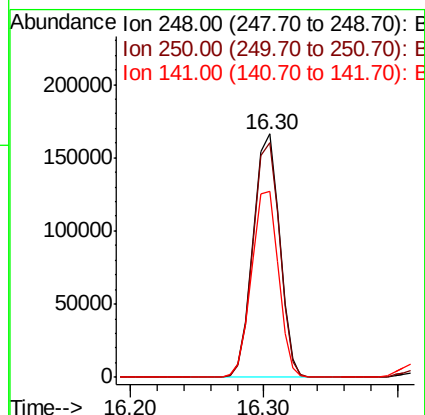
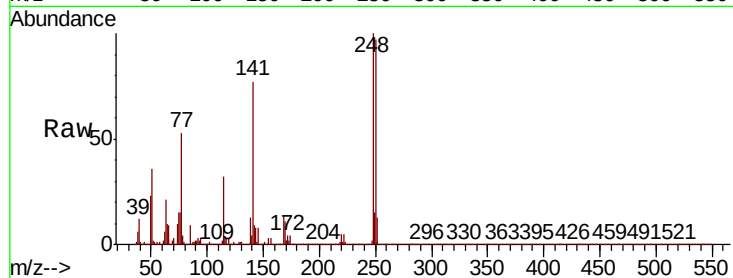




#67
4-Bromophenyl-phenylether
Concen: 53.355 ng
RT: 16.30 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

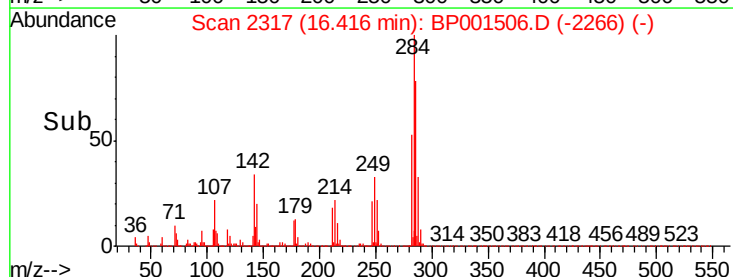
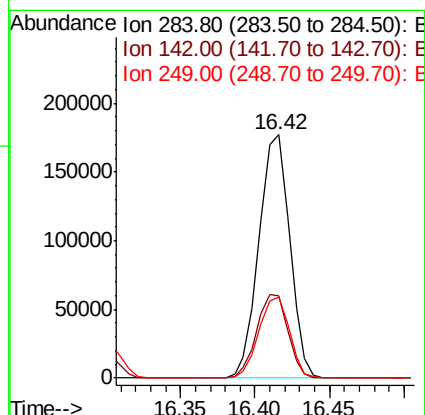
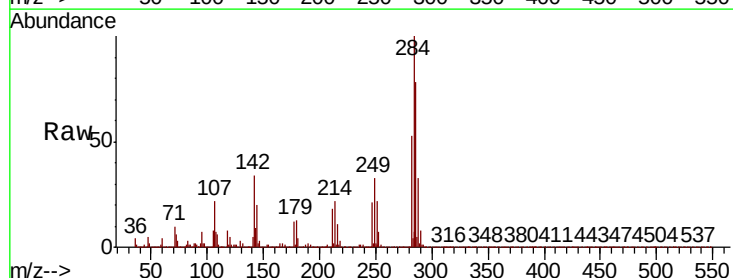
Instrument :
BNA_P
ClientSampled :

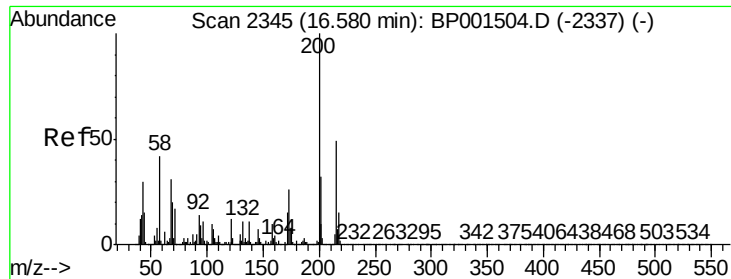
Tot Ion:248 Resp: 227181
Ion Ratio Lower Upper
248 100
250 96.6 76.7 115.1
141 76.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 52.239 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:284 Resp: 253219
Ion Ratio Lower Upper
284 100
142 33.6 26.2 39.2
249 33.3 26.0 39.0





#69

Atrazine

Concen: 48.248 ng

RT: 16.58 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

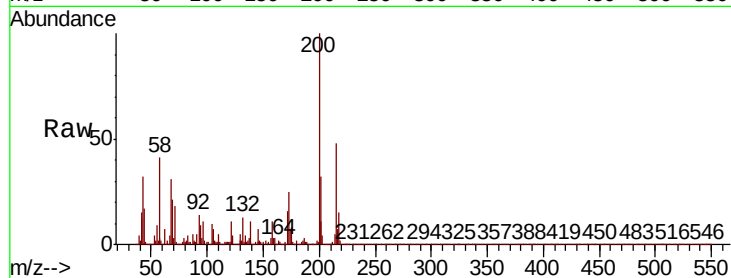
Tot Ion:200 Resp: 197869

Ion Ratio Lower Upper

200 100

173 24.5 5.8 45.8

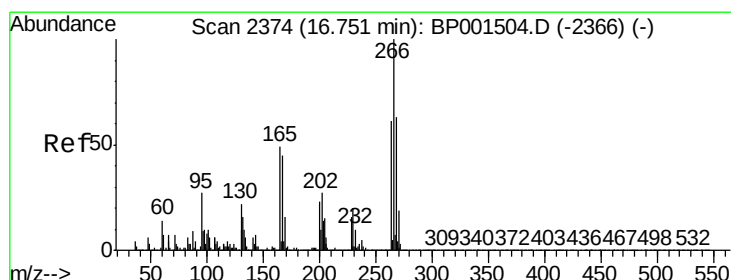
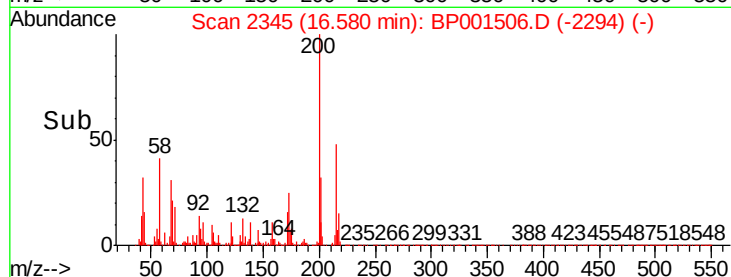
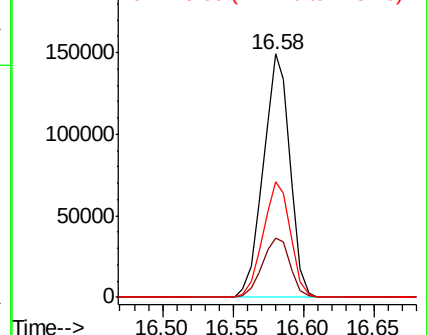
215 47.6 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

200000 Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 55.040 ng

RT: 16.75 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

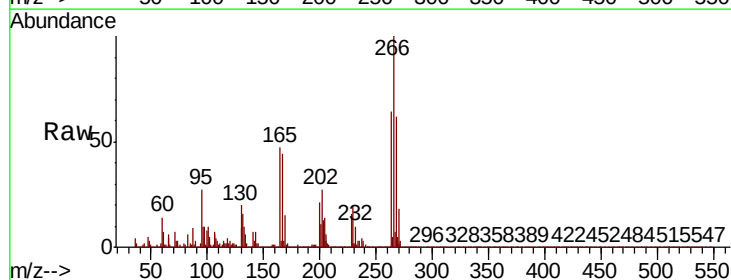
Tgt Ion:266 Resp: 136819

Ion Ratio Lower Upper

266 100

268 61.7 50.3 75.5

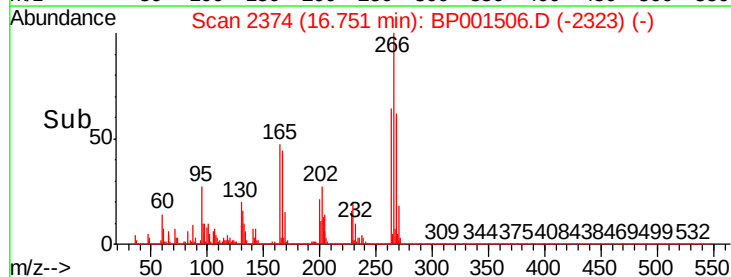
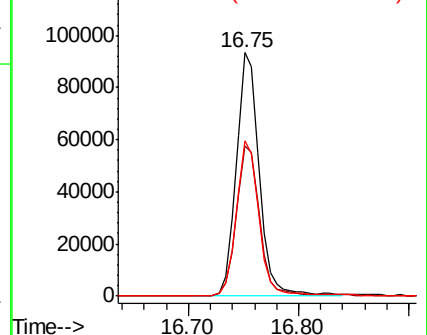
264 63.6 49.2 73.8

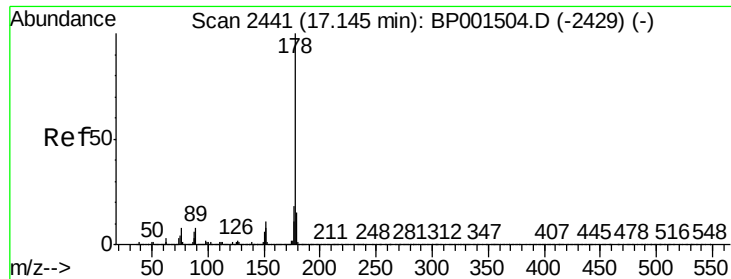


Abundance Ion 265.70 (265.40 to 266.40): E

120000 Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

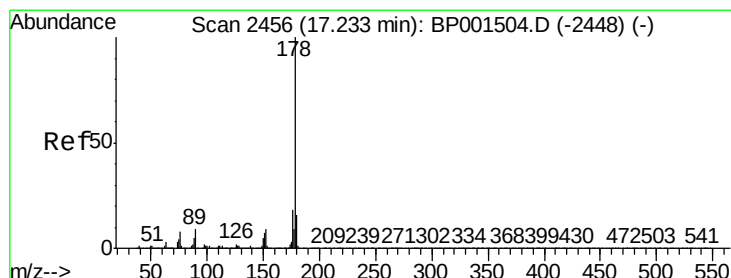
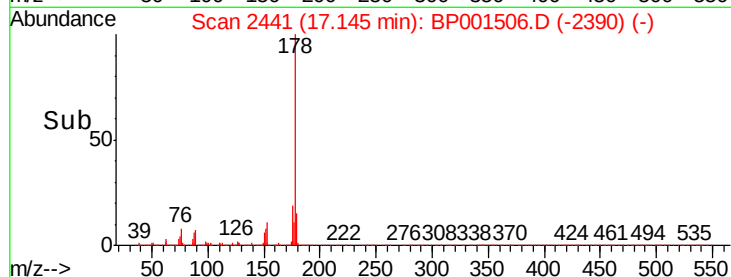
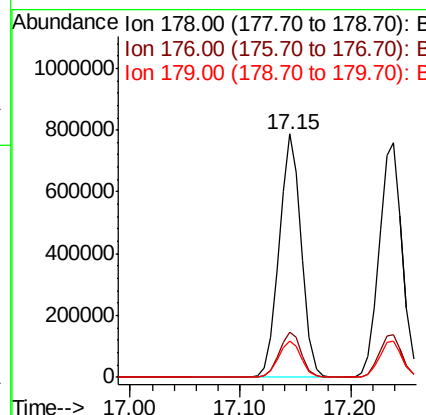
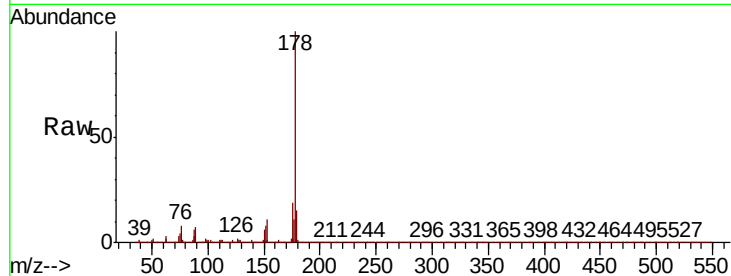




#71
Phenanthrene
Concen: 53.269 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

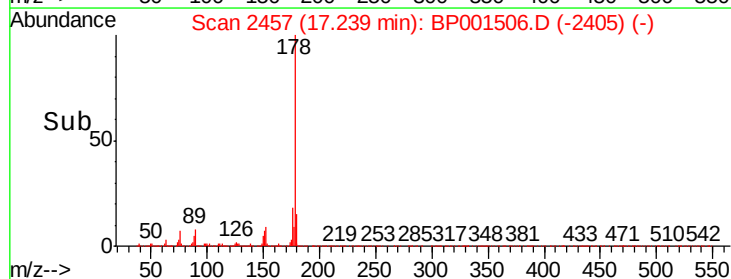
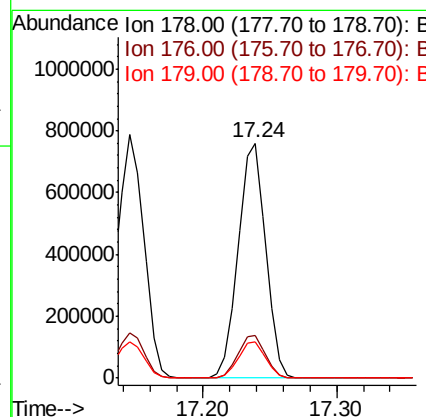
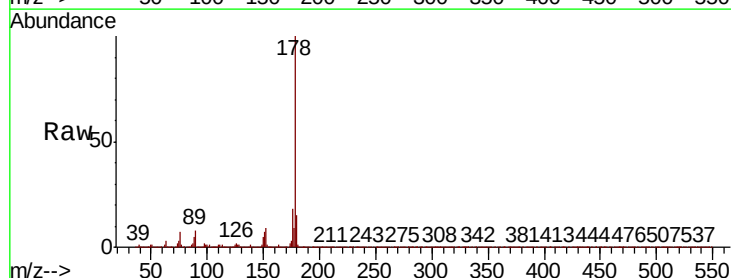
Instrument :
BNA_P
ClientSampled :

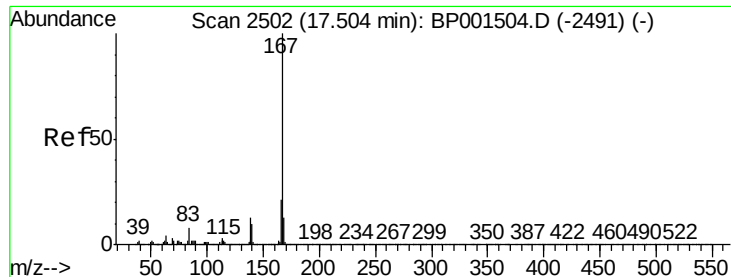
Tot Ion:178 Resp: 1094499
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.0 12.3 18.5



#72
Anthracene
Concen: 53.637 ng
RT: 17.24 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:178 Resp: 1090980
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.3 12.5 18.7

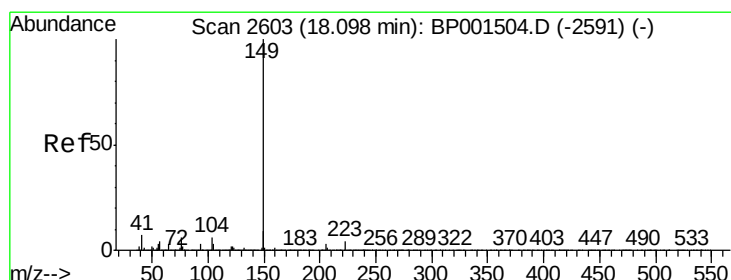
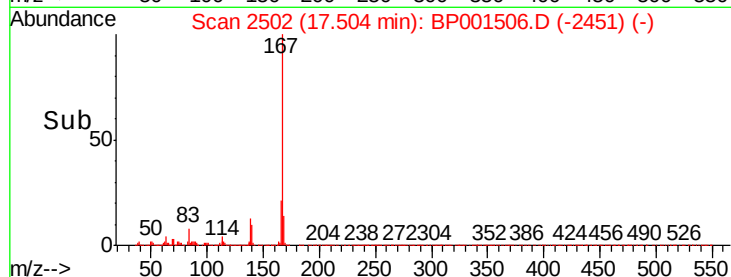
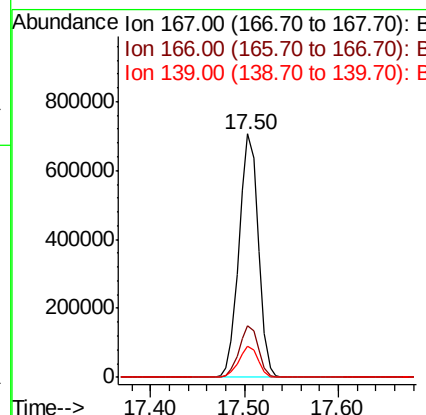
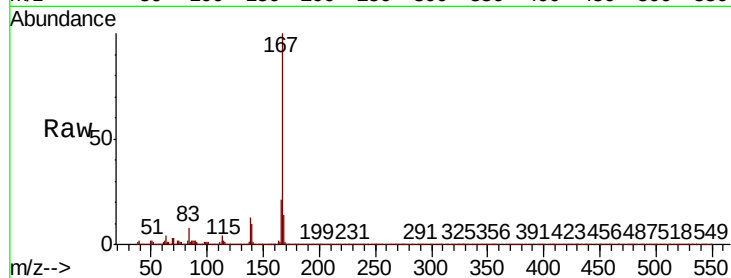




#73
 Carbazole
 Concen: 55.665 ng
 RT: 17.50 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

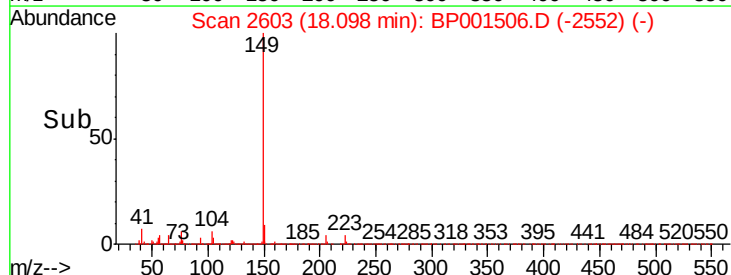
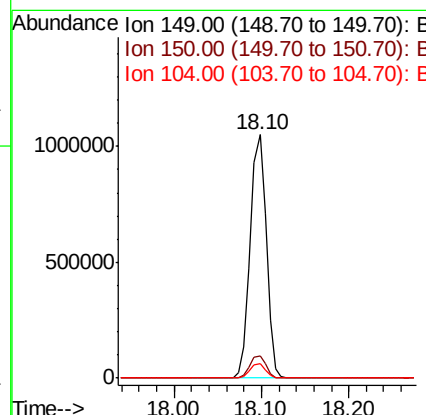
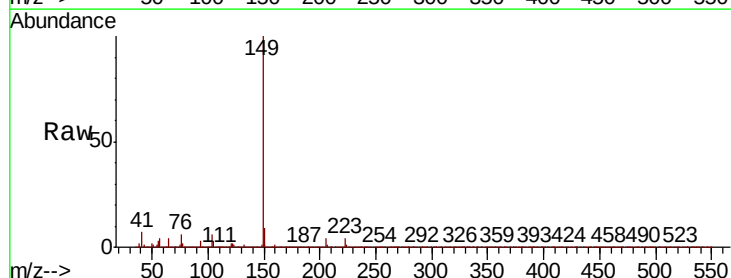
Instrument :
 BNA_P
 ClientSampleId :

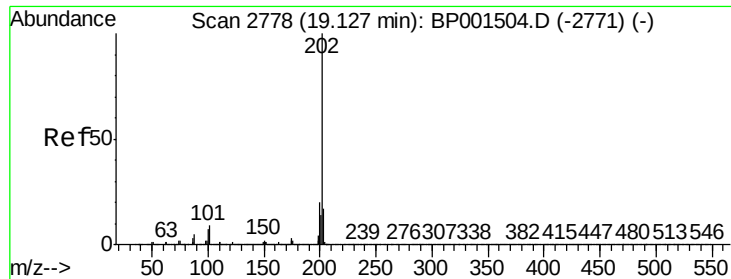
Tot Ion:167 Resp: 1009438
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 51.501 ng
 RT: 18.10 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BP001506.D
 Acq: 03 Jan 2020 13:53

Tgt Ion:149 Resp: 1281629
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.8 4.6 6.8





#75

Fluoranthene

Concen: 57.845 ng

RT: 19.13 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

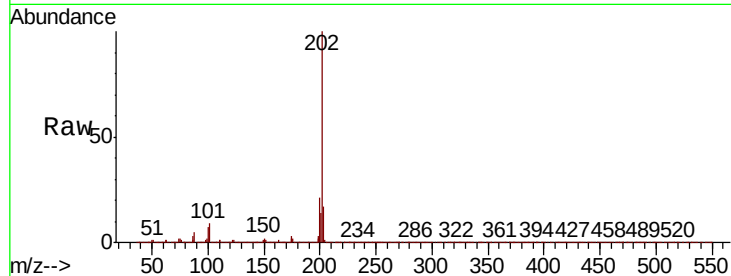
Tot Ion:202 Resp: 1328976

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.3
203	17.0	0.0	36.7

202 100

101 8.6 0.0 29.3

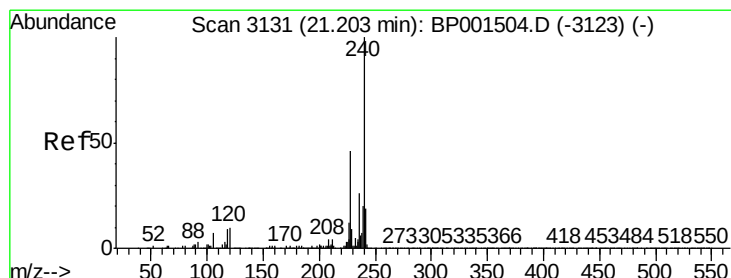
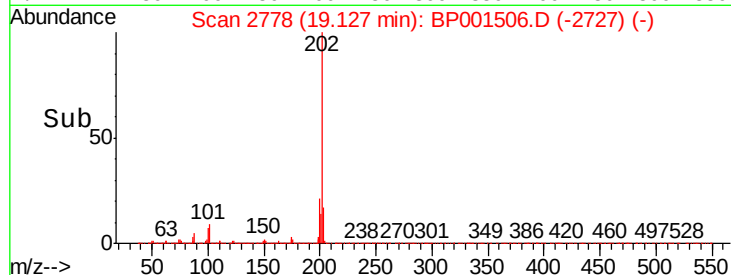
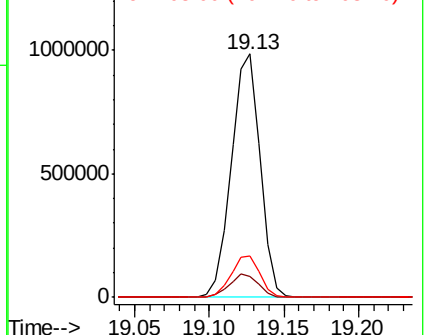
203 17.0 0.0 36.7



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: 21.20 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

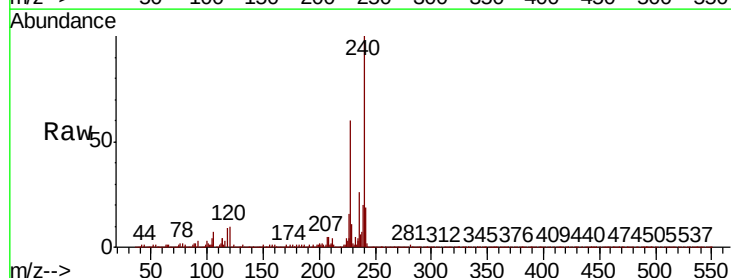
Tgt Ion:240 Resp: 331591

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.7	20.9	31.3

240 100

120 10.0 8.1 12.1

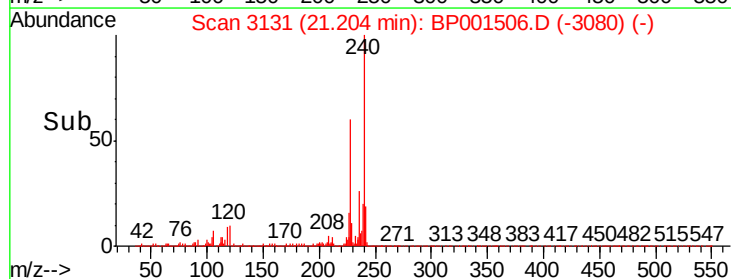
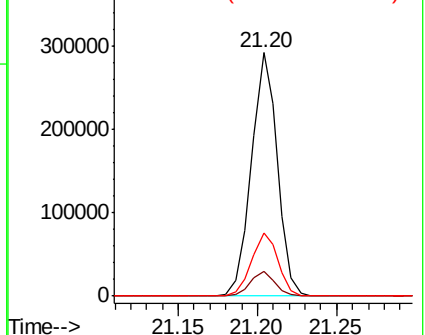
236 25.7 20.9 31.3

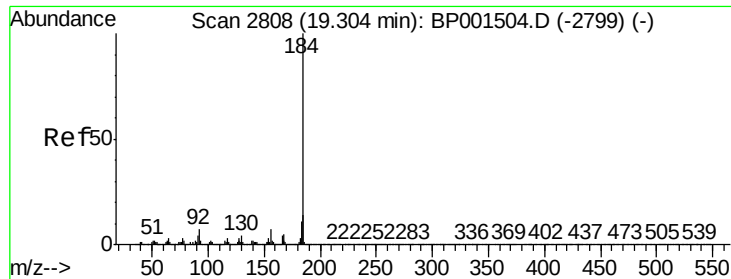


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

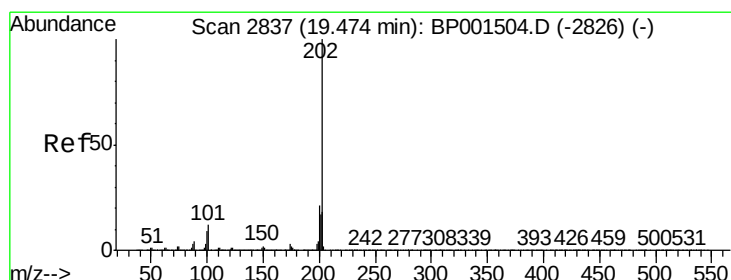
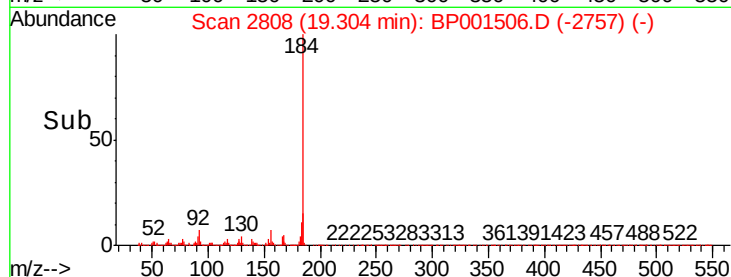
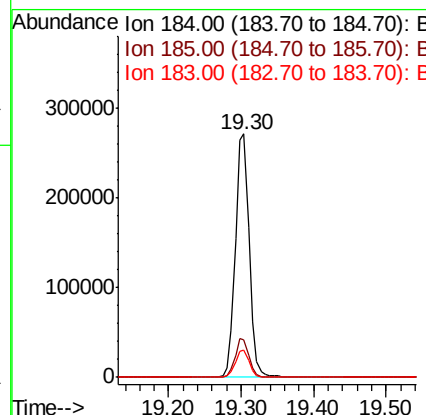
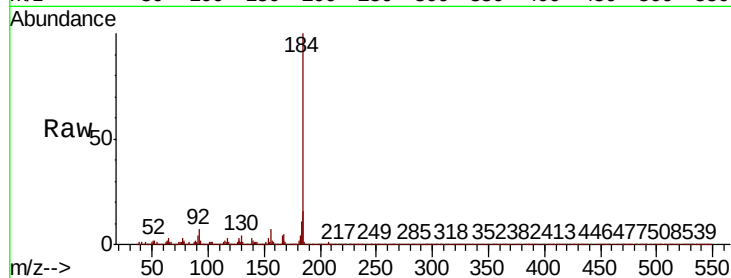




#77
Benzidine
Concen: 37.501 ng
RT: 19.30 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

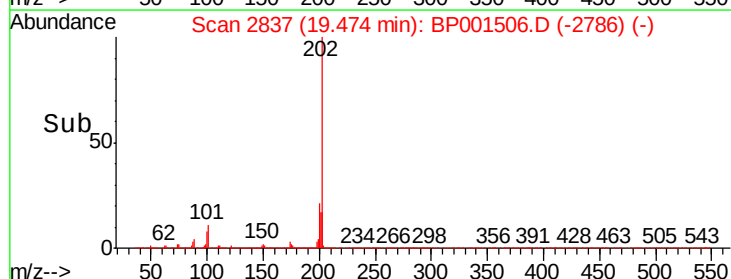
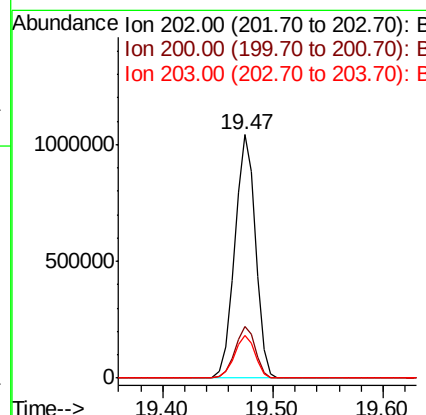
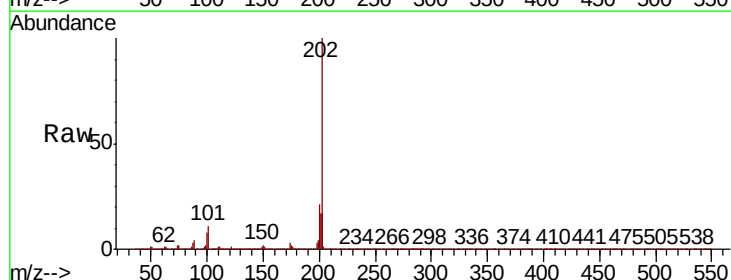
Instrument :
BNA_P
ClientSampleId :

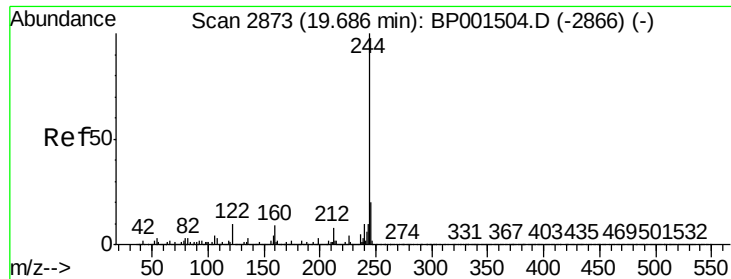
Tot Ion:184 Resp: 362051
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 11.2 8.7 13.1



#78
Pyrene
Concen: 53.316 ng
RT: 19.47 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:202 Resp: 1372683
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 96.398 ng

RT: 19.69 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

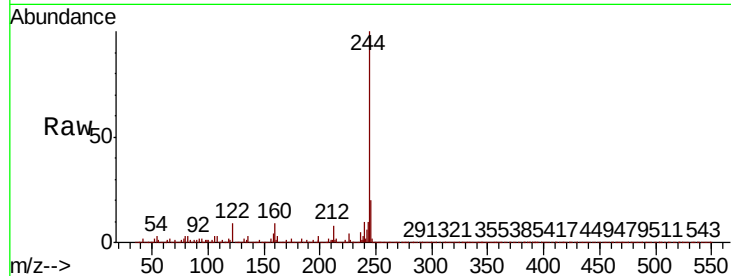
Tot Ion:244 Resp: 1866257

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 8.9 7.8 11.6

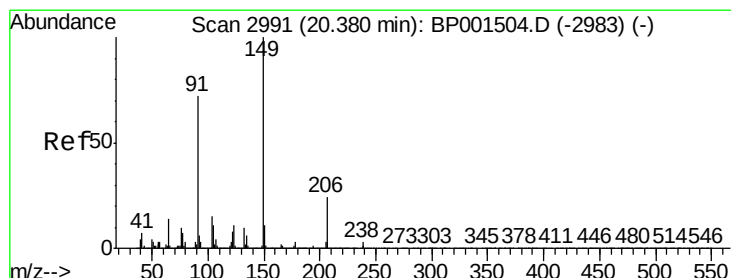
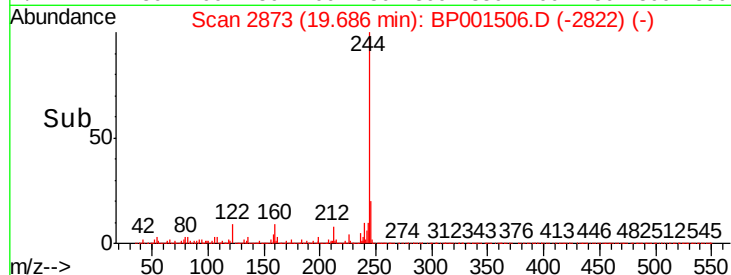
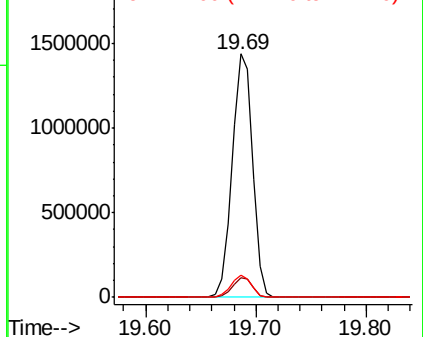


Abundance

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: 49.523 ng

RT: 20.37 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

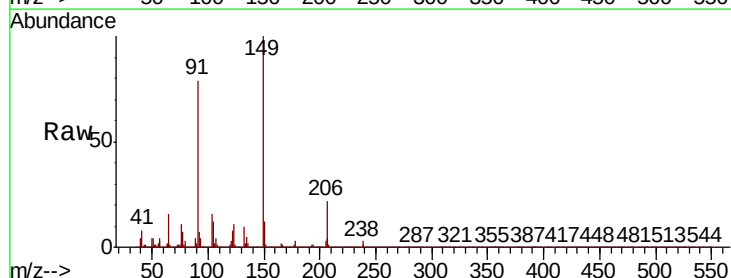
Tgt Ion:149 Resp: 594419

Ion Ratio Lower Upper

149 100

91 78.7 57.9 86.9

206 22.0 19.0 28.4

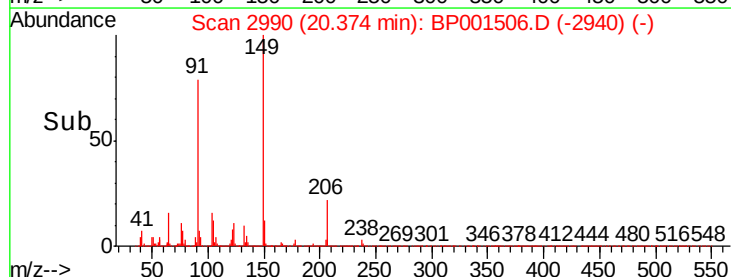
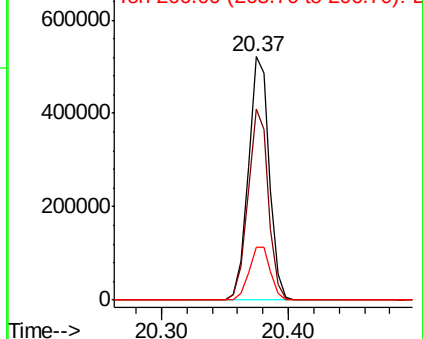


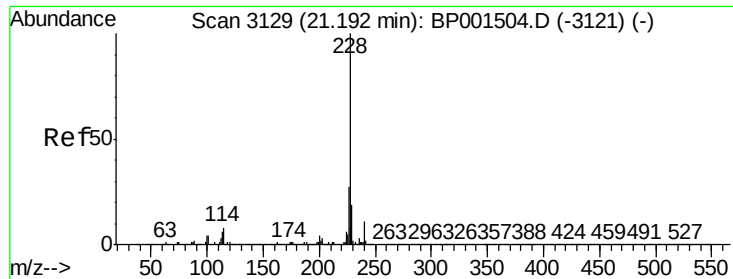
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

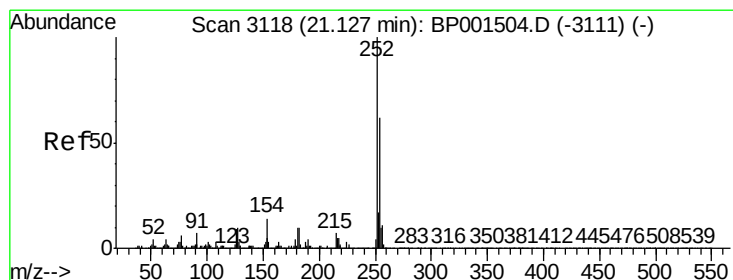
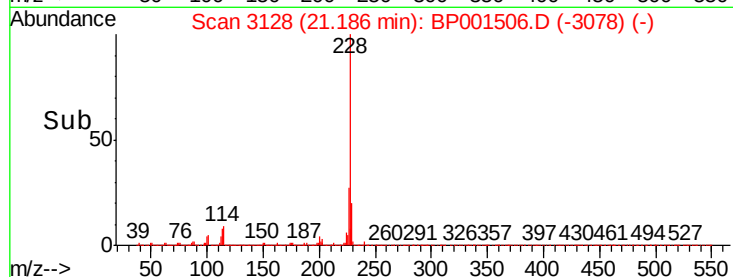
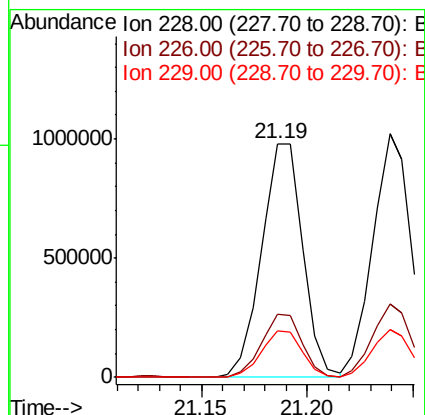
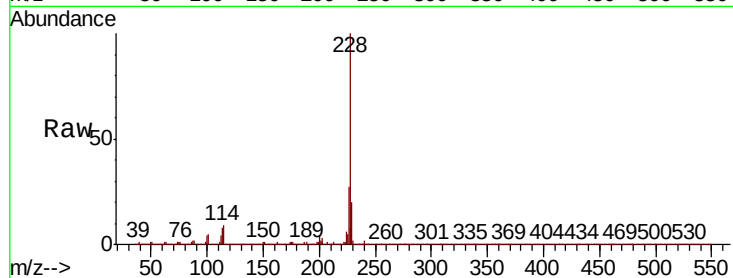




#81
Benzo(a)anthracene
Concen: 55.129 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

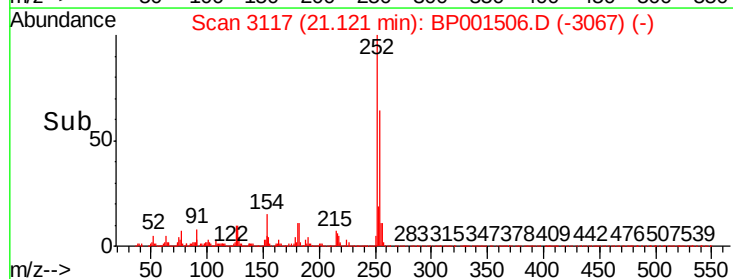
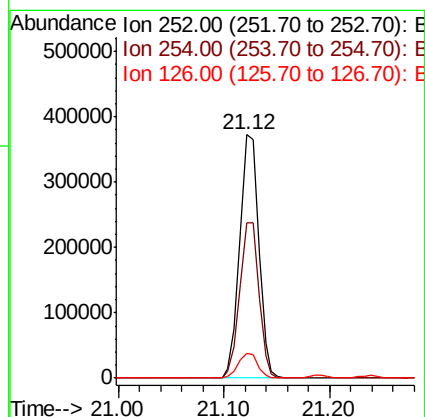
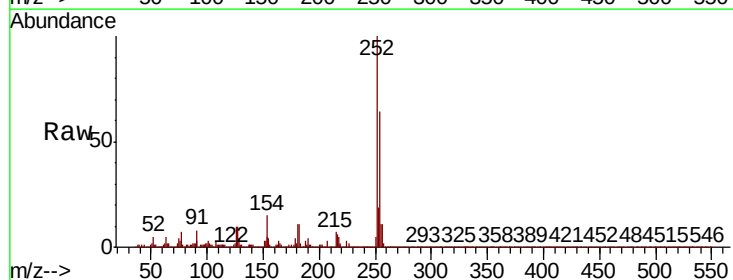
Instrument :
BNA_P
ClientSampleId :

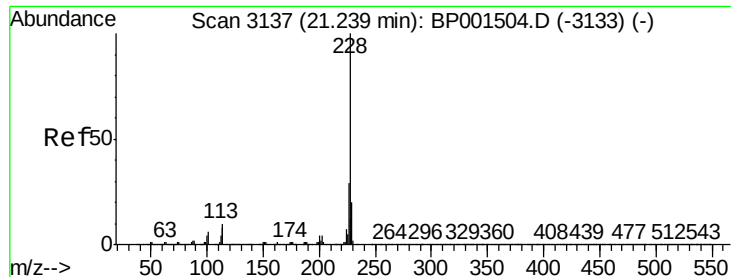
Tot Ion:228 Resp: 1332040
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 19.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 55.177 ng
RT: 21.12 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:252 Resp: 462953
Ion Ratio Lower Upper
252 100
254 64.0 49.3 73.9
126 10.3 7.4 11.0





#83

Chrysene

Concen: 54.633 ng

RT: 21.24 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

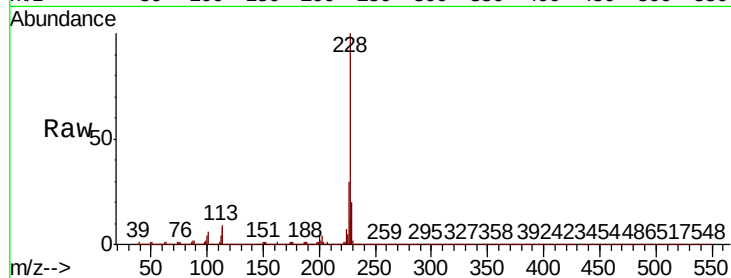
Tot Ion:228 Resp: 1274152

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.6

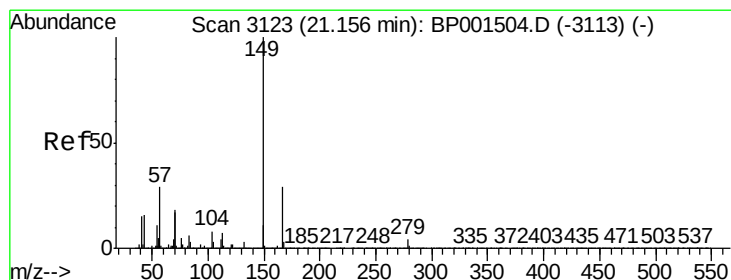
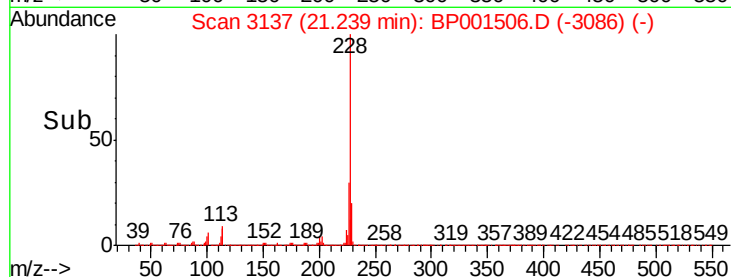
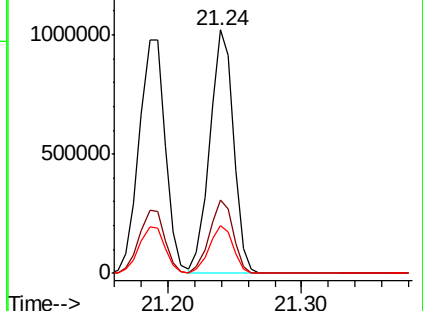
229 19.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.543 ng

RT: 21.16 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

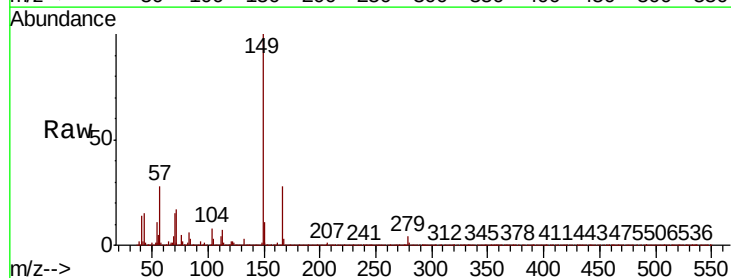
Tgt Ion:149 Resp: 872605

Ion Ratio Lower Upper

149 100

167 28.2 23.1 34.7

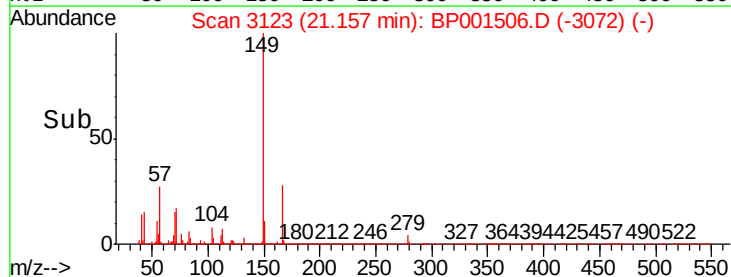
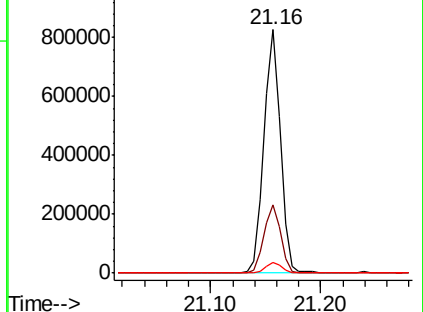
279 4.4 3.4 5.2

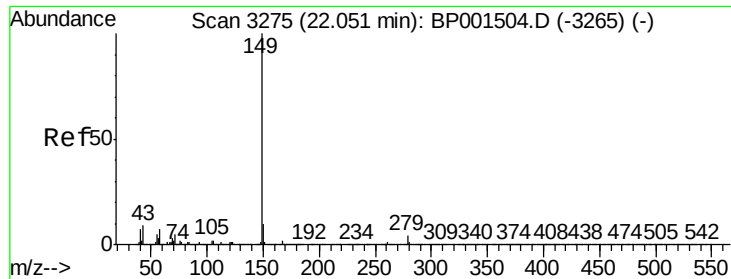


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.338 ng

RT: 22.04 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

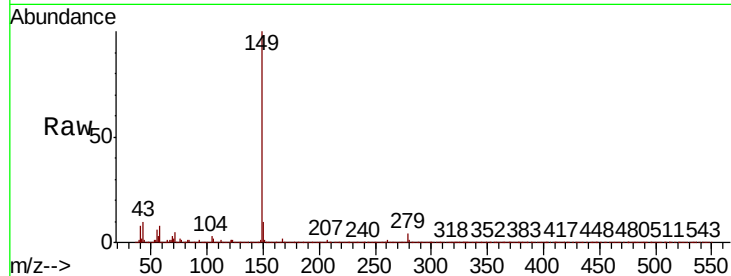
Tot Ion:149 Resp: 1527851

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

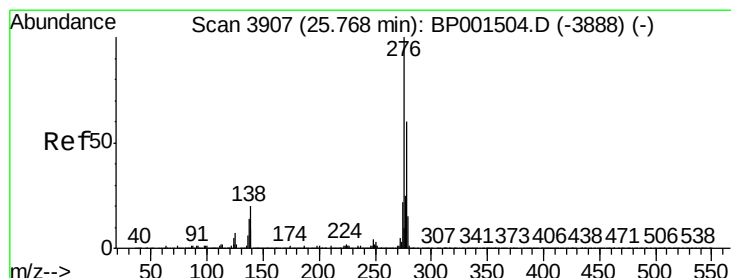
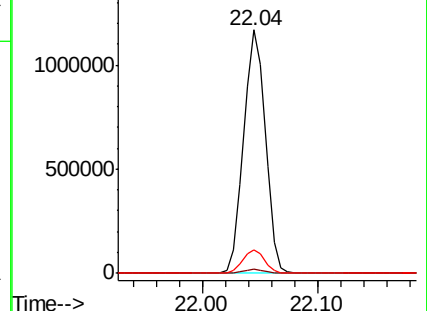
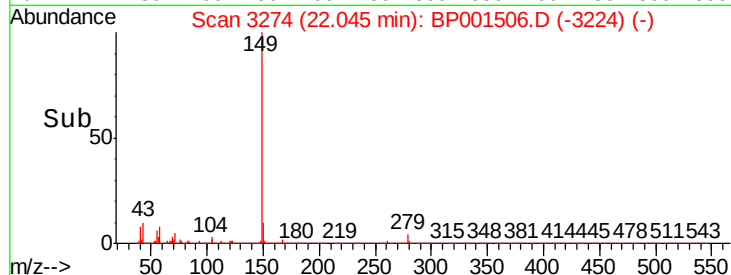
43 9.5 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.345 ng

RT: 25.77 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

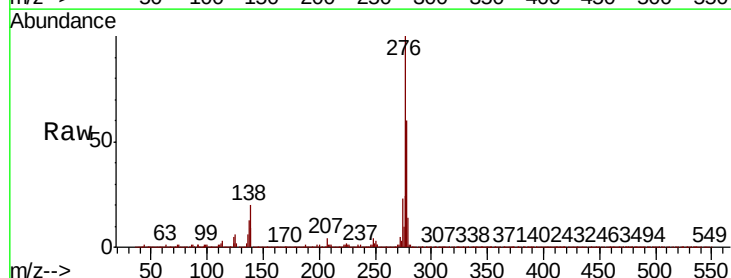
Tgt Ion:276 Resp: 1595527

Ion Ratio Lower Upper

276 100

138 21.5 17.8 26.8

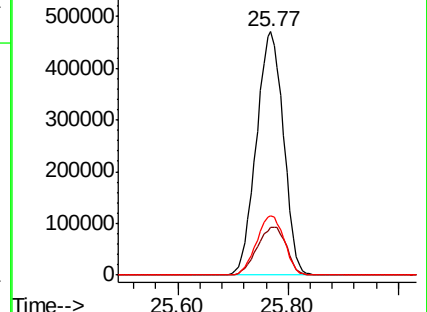
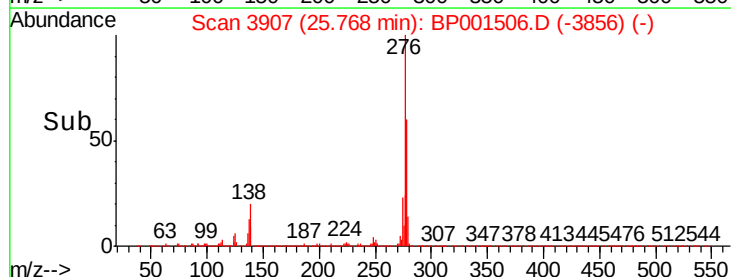
277 24.9 20.0 30.0

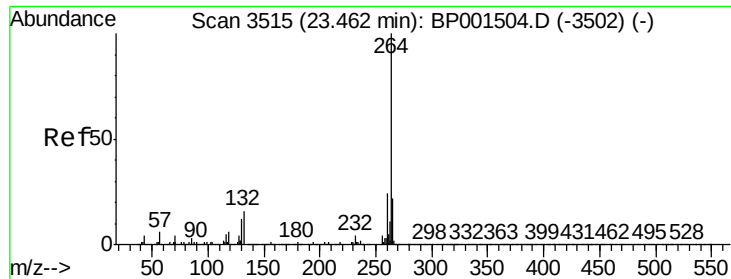


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

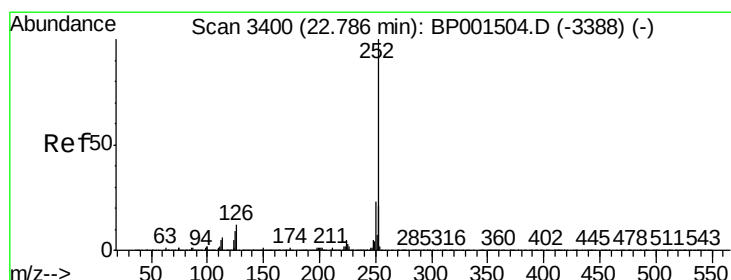
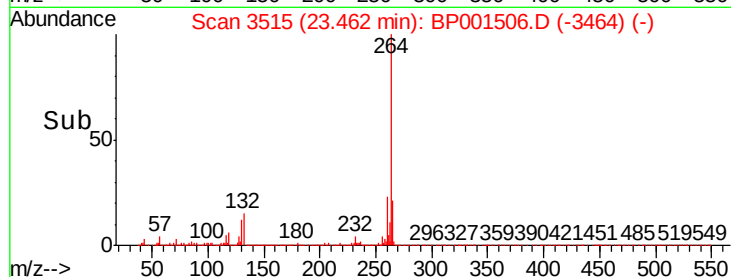
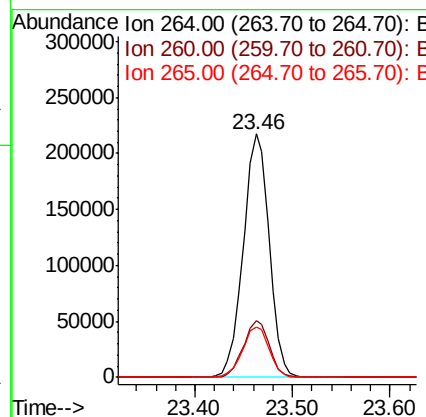
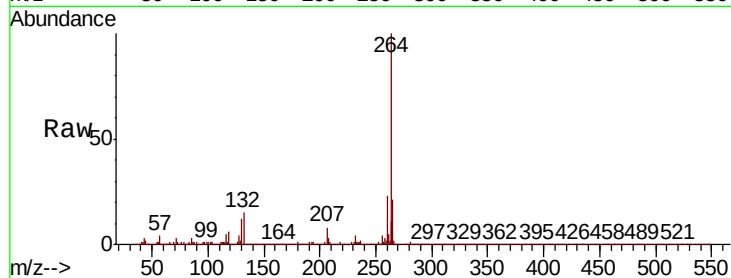




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

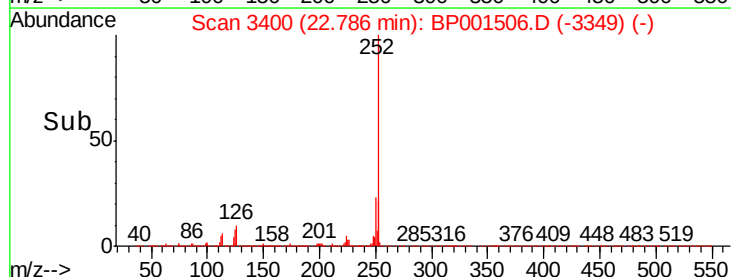
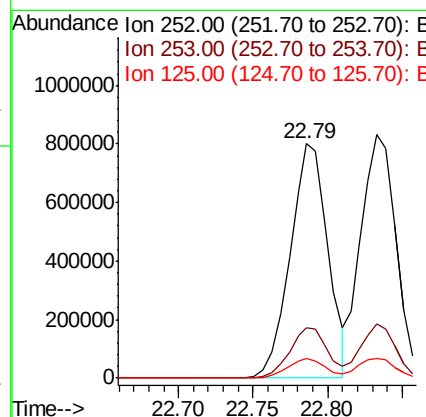
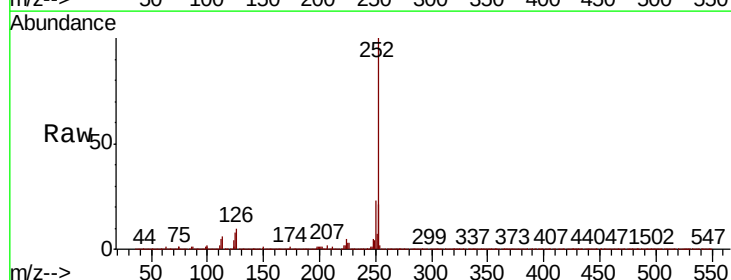
Instrument :
BNA_P
ClientSampled :

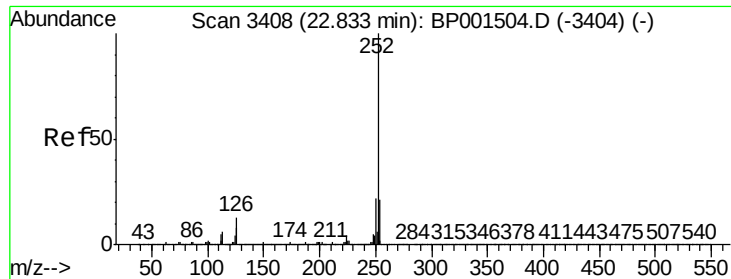
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.9	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 53.262 ng
RT: 22.79 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 53.577 ng

RT: 22.83 min Scan# 3408

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

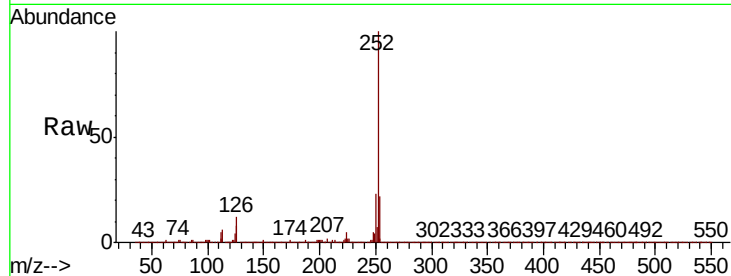
Tot Ion:252 Resp: 1348603

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

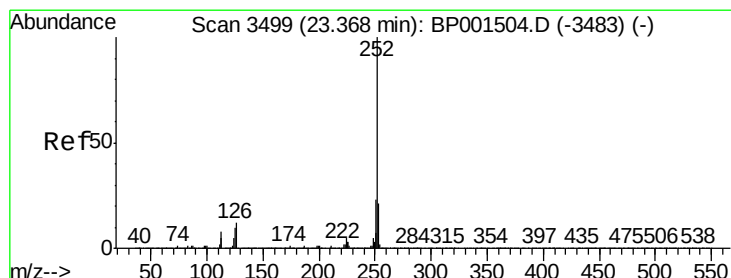
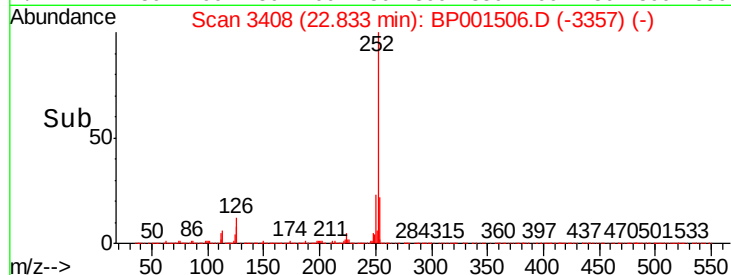
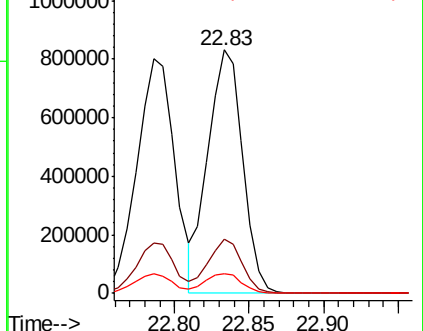
125 8.1 6.6 10.0



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: 54.711 ng

RT: 23.37 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BP001506.D

Acq: 03 Jan 2020 13:53

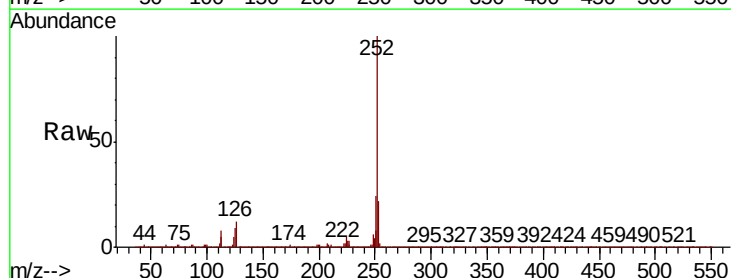
Tgt Ion:252 Resp: 1316983

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

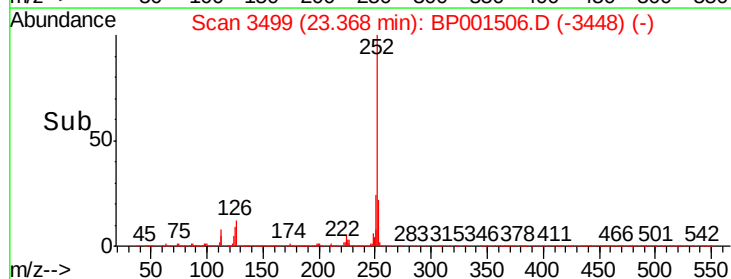
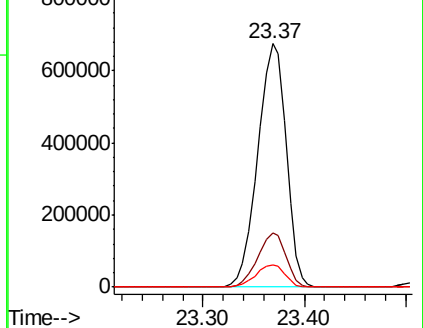
125 9.3 7.7 11.5

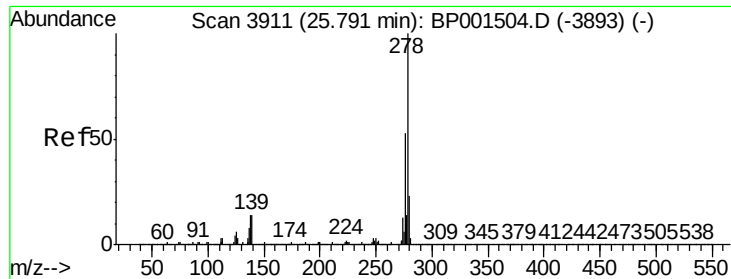


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

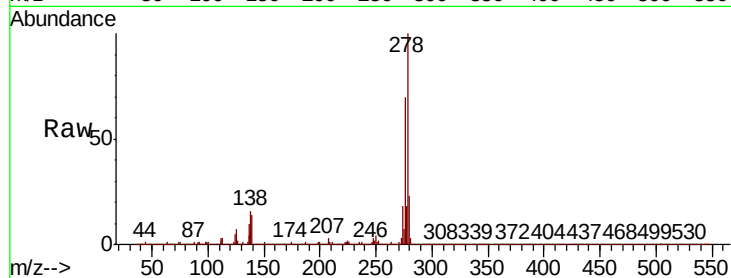




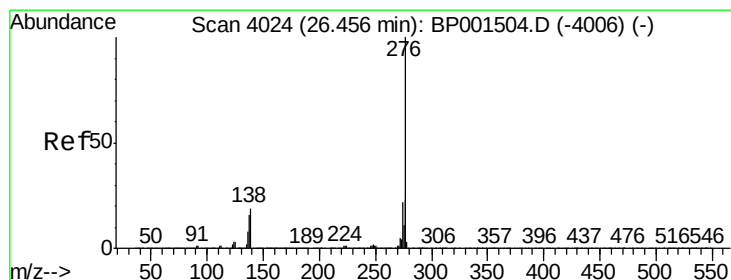
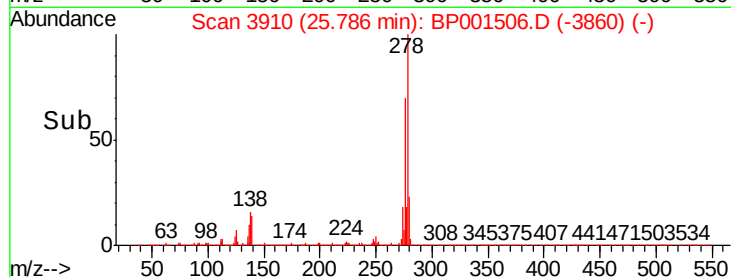
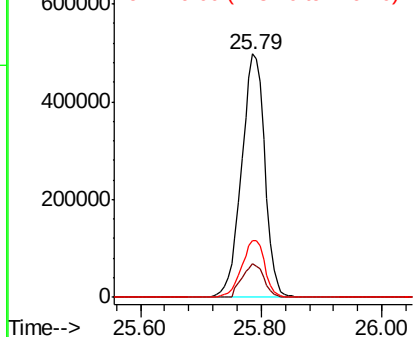
#91
Dibenzo(a,h)anthracene
Concen: 56.095 ng
RT: 25.79 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1320253
Ion Ratio Lower Upper
278 100
139 13.9 11.3 16.9
279 23.4 18.2 27.2

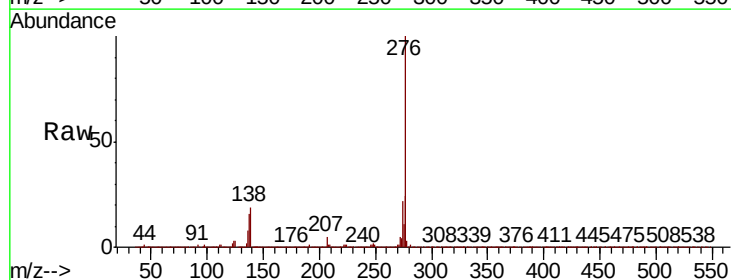


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.865 ng
RT: 26.47 min Scan# 4026
Delta R.T. 0.01 min
Lab File: BP001506.D
Acq: 03 Jan 2020 13:53

Tgt Ion:276 Resp: 1323870
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 18.9 15.0 22.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

