

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001297.D
 Acq On : 10 Dec 2019 16:46
 Operator : JU
 Sample : PB125370BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:54:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	71525	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	261833	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	152338	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	335054	20.00	ng	0.00
76) Chrysene-d12	19.26	240	320315	20.00	ng	0.00
87) Perylene-d12	21.02	264	284076	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	495780	115.00	ng	0.00
7) Phenol-d6	7.76	99	666971	116.13	ng	0.00
23) Nitrobenzene-d5	9.19	82	465419	77.12	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	304780	208.73	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	942158	90.52	ng	-0.01
79) Terphenyl-d14	17.89	244	1291379	74.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	55506	27.564	ng	98
3) Pyridine	3.41	79	151799	27.166	ng	93
4) n-Nitrosodimethylamine	3.31	42	97137	40.173	ng	84
6) Aniline	7.78	93	193423	25.400	ng	# 1
8) 2-Chlorophenol	7.96	128	173242	38.840	ng	98
9) Benzaldehyde	7.59	77	63070	14.425	ng	99
10) Phenol	7.78	94	236213	36.157	ng	97
11) bis(2-Chloroethyl)ether	7.91	93	167213	32.869	ng	97
12) 1,3-Dichlorobenzene	8.21	146	192605	36.431	ng	99
13) 1,4-Dichlorobenzene	8.33	146	195895	36.783	ng	100
14) 1,2-Dichlorobenzene	8.57	146	188809	37.670	ng	96
15) Benzyl Alcohol	8.53	79	196169	41.608	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	259466	31.724	ng	99
17) 2-Methylphenol	8.73	107	150758	36.846	ng	99
18) Hexachloroethane	9.11	117	80093	36.354	ng	# 87
19) n-Nitroso-di-n-propylamine	8.97	70	150203	36.242	ng	98
20) 3+4-Methylphenols	8.97	107	201823	39.131	ng	98
22) Acetophenone	8.95	105	286292	37.202	ng	98
24) Nitrobenzene	9.22	77	228876	38.139	ng	99
25) Isophorone	9.61	82	404731	37.399	ng	99
26) 2-Nitrophenol	9.73	139	90252	41.059	ng	96
27) 2,4-Dimethylphenol	9.82	122	154404	44.346	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	228099	33.594	ng	98
29) 2,4-Dichlorophenol	10.12	162	170918	43.130	ng	96
30) 1,2,4-Trichlorobenzene	10.26	180	193293	41.761	ng	97
31) Naphthalene	10.37	128	511494	38.250	ng	99
32) Benzoic acid	10.01	122	95209	37.824	ng	91
33) 4-Chloroaniline	10.47	127	111189	19.161	ng	98
34) Hexachlorobutadiene	10.60	225	136123	46.751	ng	94
35) Caprolactam	11.04	113	31306	22.922	ng	95
36) 4-Chloro-3-methylphenol	11.29	107	200097	42.588	ng	94
37) 2-Methylnaphthalene	11.51	142	374756	41.070	ng	97
38) 1-Methylnaphthalene	11.67	142	356041	41.306	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	223606	46.576	ng	99

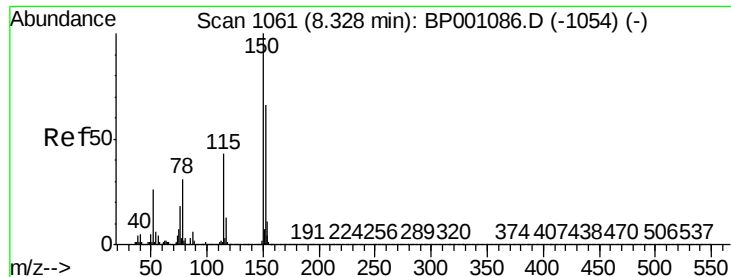
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	261130	117.904	ng	100
43) 2,4,6-Trichlorophenol	11.97	196	141998	45.300	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	155269	47.807	ng	96
46) 1,1'-Biphenyl	12.28	154	483046	41.029	ng	99
47) 2-Chloronaphthalene	12.30	162	380680	40.480	ng	98
48) 2-Nitroaniline	12.47	65	141804	38.474	ng	96
49) Acenaphthylene	12.97	152	600662	42.611	ng	99
50) Dimethylphthalate	12.80	163	489971	43.005	ng	99
51) 2,6-Dinitrotoluene	12.88	165	106729	43.760	ng	99
52) Acenaphthene	13.26	154	345136	40.703	ng	99
53) 3-Nitroaniline	13.14	138	68531	25.014	ng	94
54) 2,4-Dinitrophenol	13.32	184	87897	87.500	ng	94
55) Dibenzofuran	13.55	168	565948	44.416	ng	98
56) 4-Nitrophenol	13.45	139	155674	80.187	ng	91
57) 2,4-Dinitrotoluene	13.54	165	144560	47.287	ng	96
58) Fluorene	14.11	166	456576	44.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	145878	54.640	ng	93
60) Diethylphthalate	13.97	149	506131	42.903	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	248211	47.740	ng	95
62) 4-Nitroaniline	12.47	138	119023	37.471	ng	97
63) Azobenzene	14.39	77	500706	39.265	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	62143	43.867	ng	94
66) n-Nitrosodiphenylamine	14.32	169	399031	39.196	ng	100
67) 4-Bromophenyl-phenylether	14.93	248	158783	43.651	ng	91
68) Hexachlorobenzene	15.01	284	184393	46.109	ng	# 90
69) Atrazine	15.22	200	138381	44.519	ng	98
70) Pentachlorophenol	15.33	266	319859	153.460	ng	94
71) Phenanthrene	15.65	178	700631	39.775	ng	99
72) Anthracene	15.72	178	717277	41.313	ng	98
73) Carbazole	15.97	167	620738	39.290	ng	99
74) Di-n-butylphthalate	16.52	149	821572	38.677	ng	99
75) Fluoranthene	17.36	202	806719	43.260	ng	97
77) Benzidine	17.54	184	237447	28.711	ng	99
78) Pyrene	17.66	202	814835	32.298	ng	99
80) Butylbenzylphthalate	18.55	149	347483	29.820	ng	93
81) Benzo(a)anthracene	19.24	228	766780	34.526	ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	196628	26.800	ng	# 96
83) Chrysene	19.29	228	702531	35.326	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	492196	30.722	ng	# 98
85) Di-n-octyl phthalate	20.07	149	810866	28.492	ng	98
86) Indeno(1,2,3-cd)pyrene	22.67	276	773161	32.988	ng	# 94
88) Benzo(b)fluoranthene	20.54	252	721459	41.580	ng	98
89) Benzo(k)fluoranthene	20.57	252	693334	41.487	ng	99
90) Benzo(a)pyrene	20.96	252	672258	42.063	ng	# 97
91) Dibenzo(a,h)anthracene	22.70	278	653004	41.751	ng	# 96
92) Benzo(g,h,i)perylene	23.16	276	628249	40.679	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

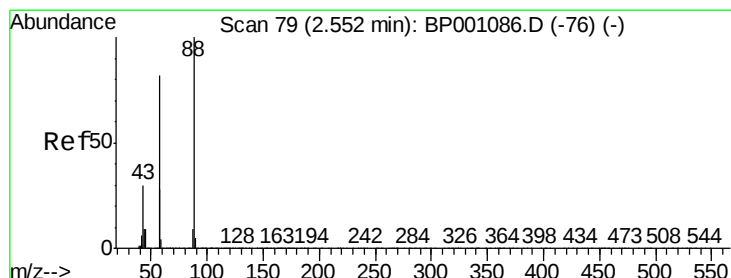
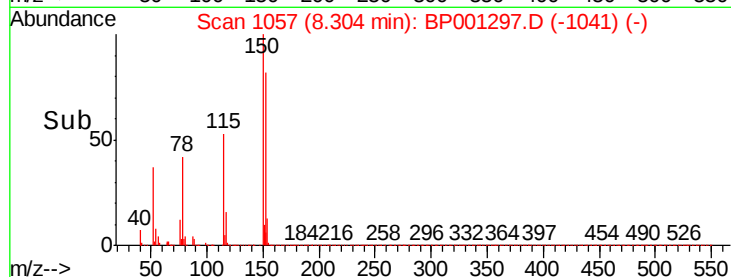
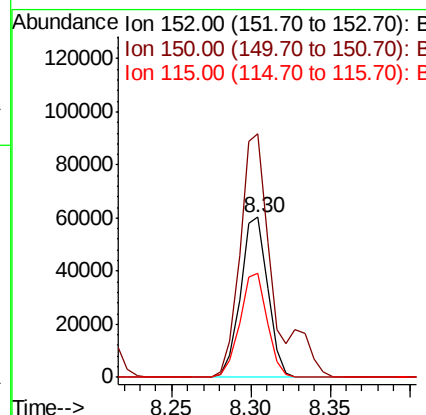
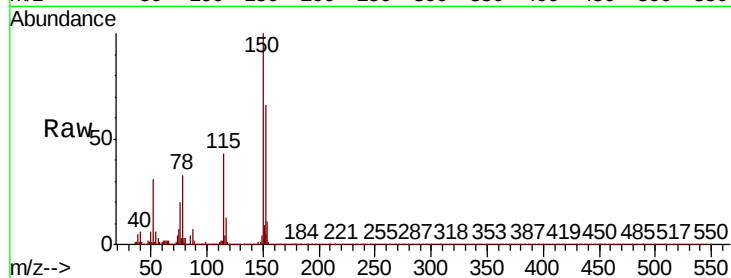
Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 71525

Ion	Ratio	Lower	Upper
152	100		
150	151.8	127.3	190.9
115	64.8	56.0	84.0



#2

1,4-Dioxane

Concen: 27.564 ng

RT: 2.56 min Scan# 80

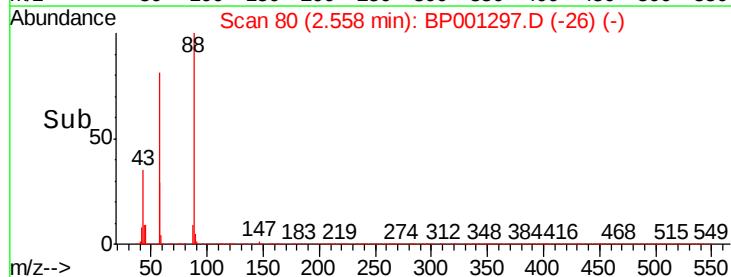
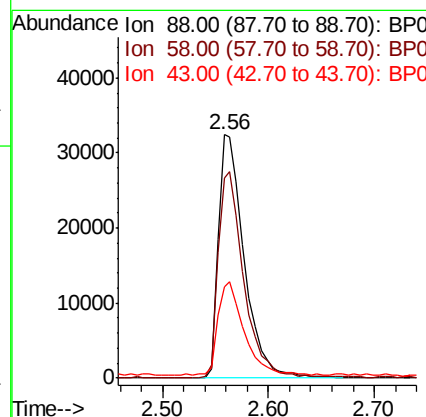
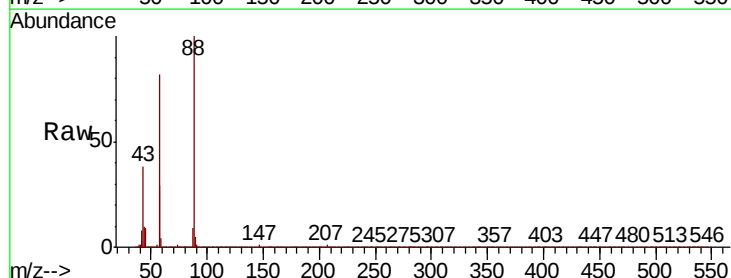
Delta R.T. 0.02 min

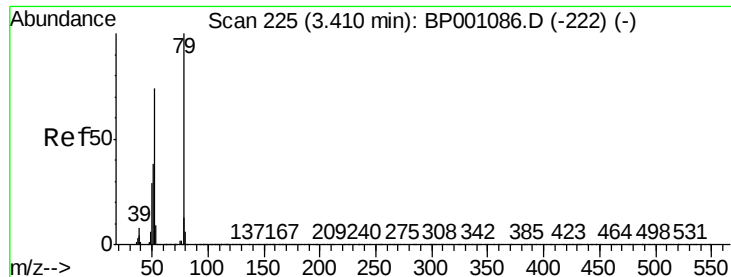
Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Tgt Ion: 88 Resp: 55506

Ion	Ratio	Lower	Upper
88	100		
58	84.5	67.8	101.6
43	38.1	28.0	42.0





#3

Pvridine

Concen: 27.166 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

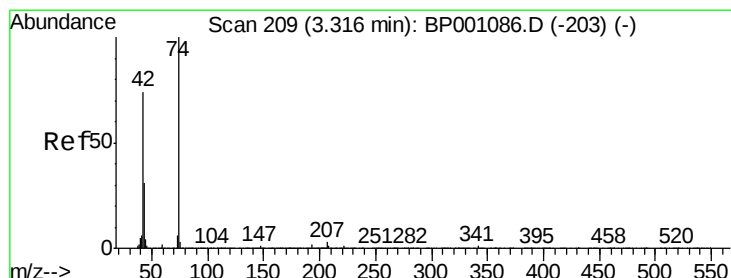
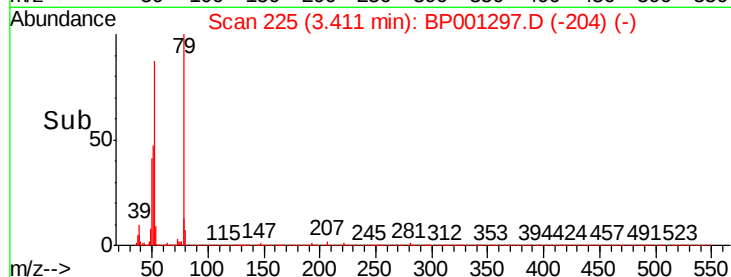
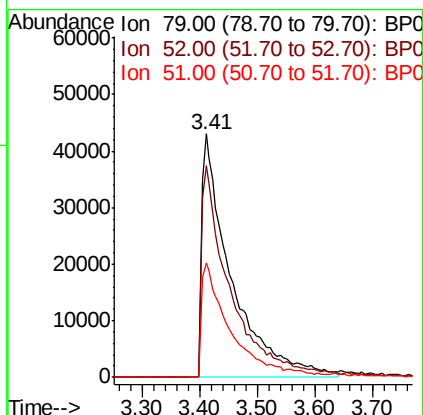
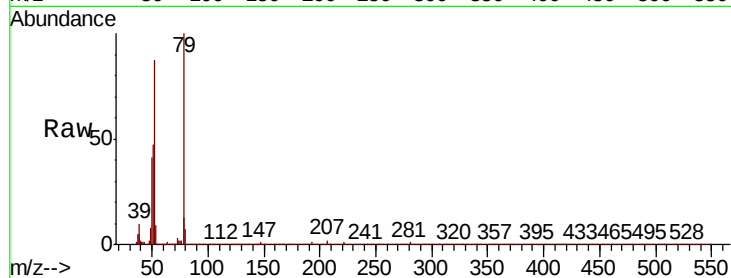
Tot Ion: 79 Resp: 151799

Ion Ratio Lower Upper

79 100

52 86.7 65.1 97.7

51 47.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.173 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

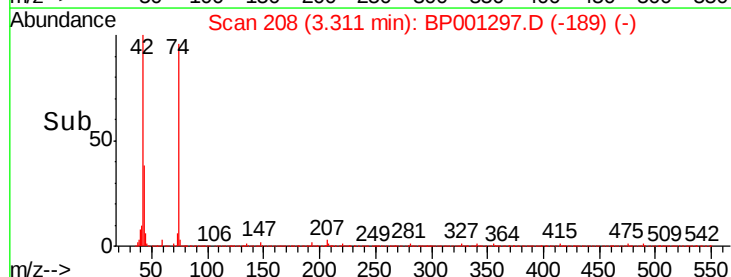
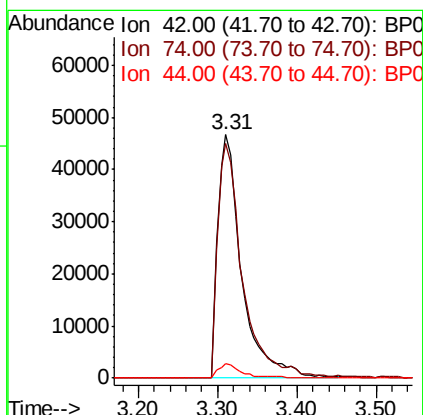
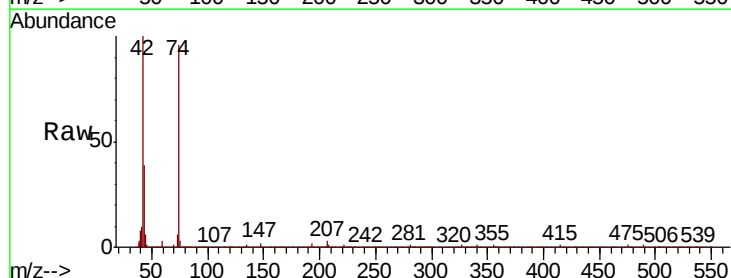
Tgt Ion: 42 Resp: 97137

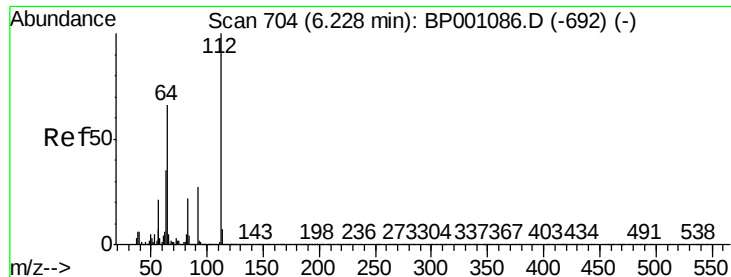
Ion Ratio Lower Upper

42 100

74 96.4 91.4 137.0

44 6.0 4.9 7.3





#5

2-Fluorophenol

Concen: 115.000 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampled :

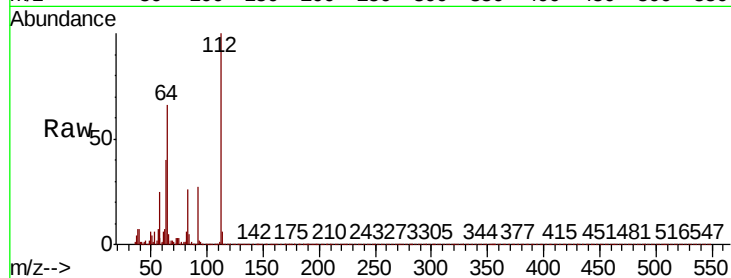
Tot Ion: 112 Resp: 495780

Ion Ratio Lower Upper

112 100

64 65.6 56.8 85.2

63 40.2 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

500000

400000

300000

200000

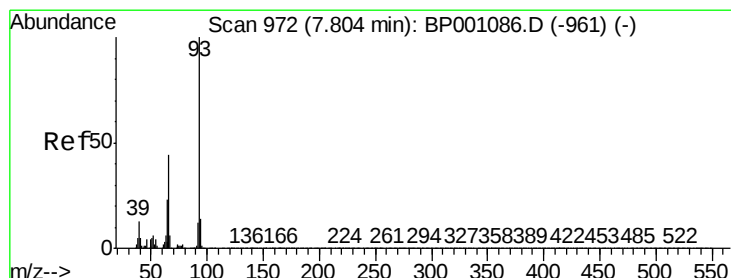
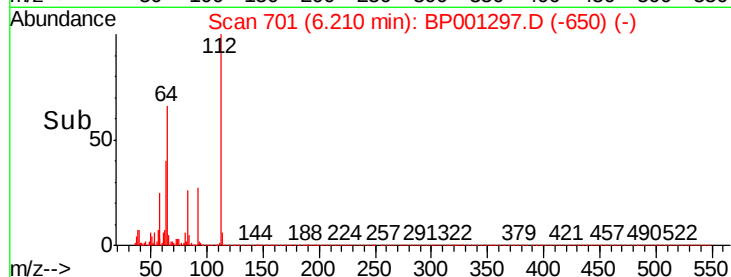
100000

0

6.21

6.10 6.20 6.30 6.40

Time-->



#6

Aniline

Concen: 25.400 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.02 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

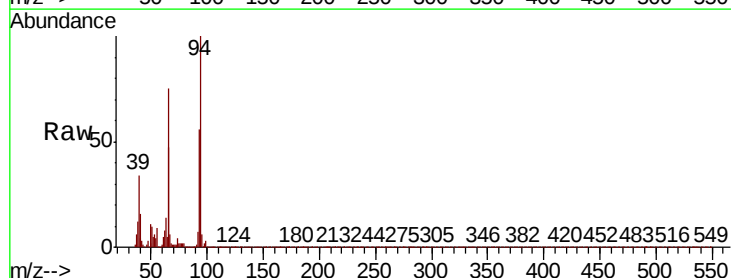
Tgt Ion: 93 Resp: 193423

Ion Ratio Lower Upper

93 100

66 133.6 36.8 55.2#

65 83.8 19.8 29.8#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

250000

200000

150000

100000

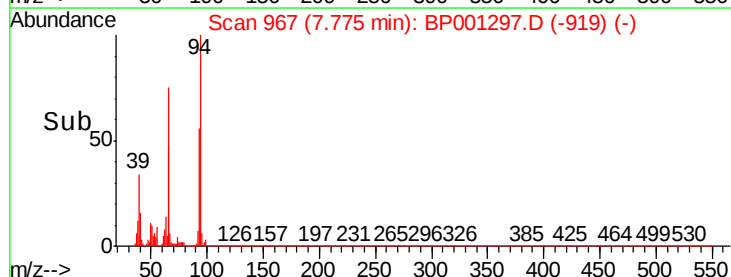
50000

0

7.78

7.70 7.75 7.80 7.85

Time-->





#7

Phenol-d6

Concen: 116.127 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

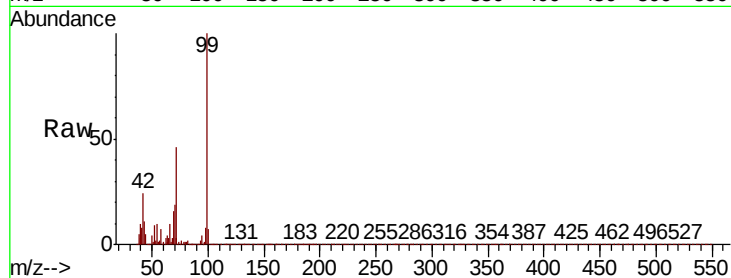
Tot Ion: 99 Resp: 666971

Ion Ratio Lower Upper

99 100

42 23.9 17.6 26.4

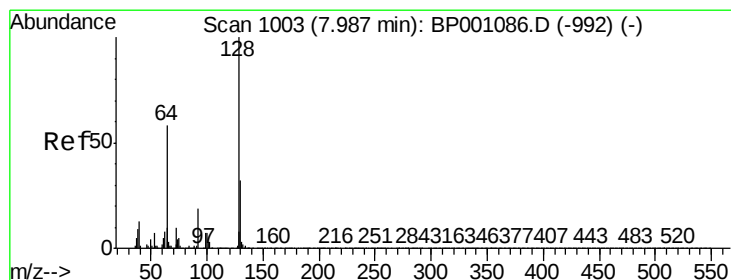
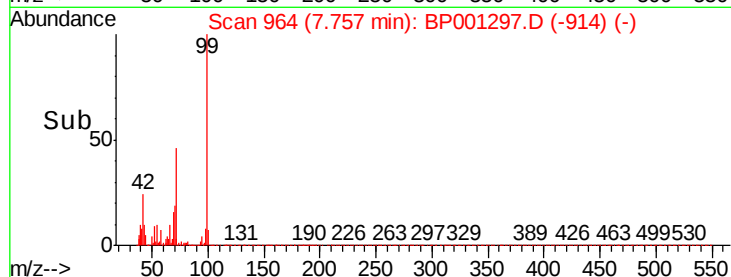
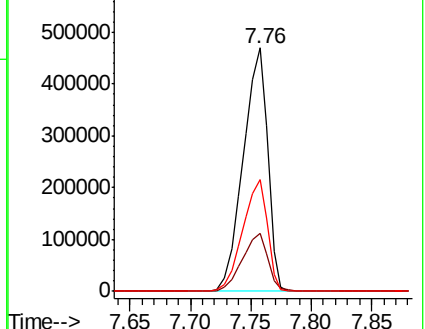
71 45.9 33.8 50.8



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: 38.840 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

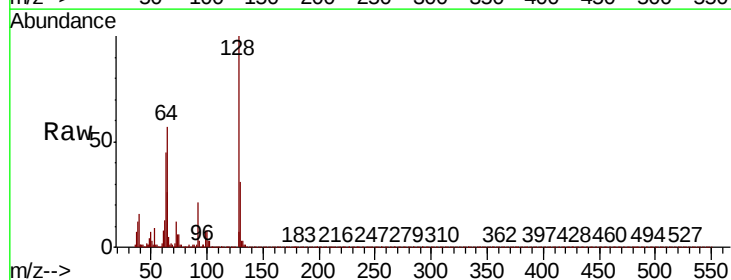
Tgt Ion: 128 Resp: 173242

Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

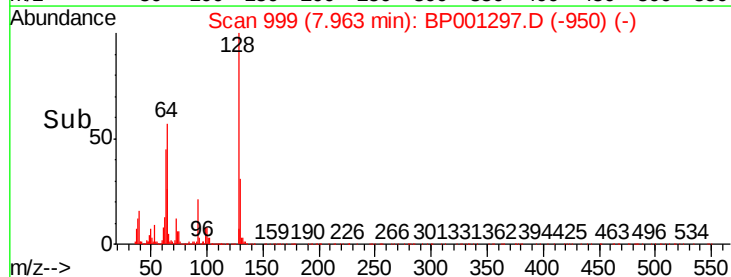
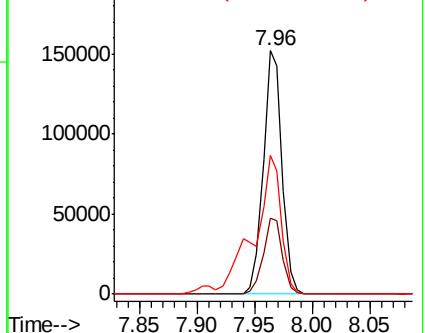
64 57.2 38.9 78.9

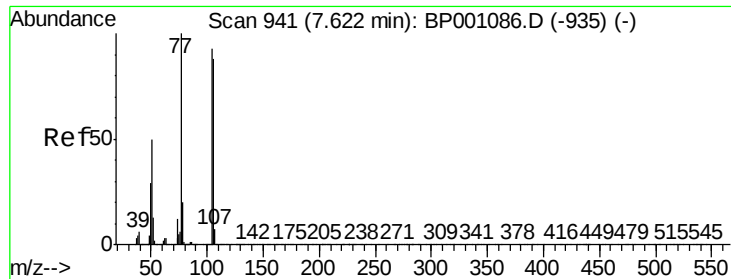


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 14.425 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

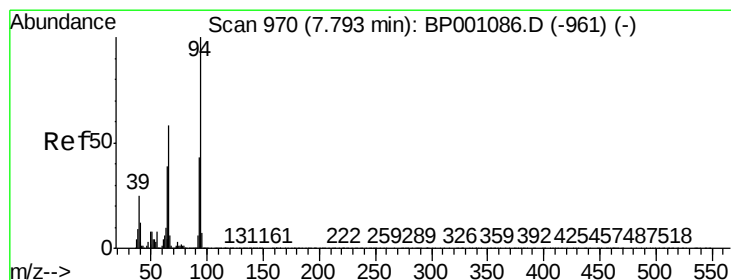
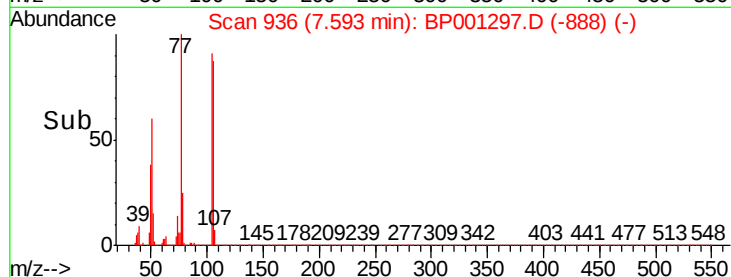
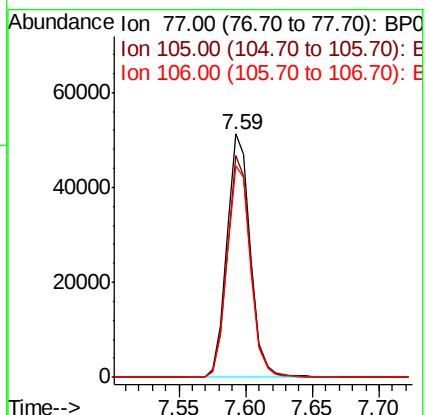
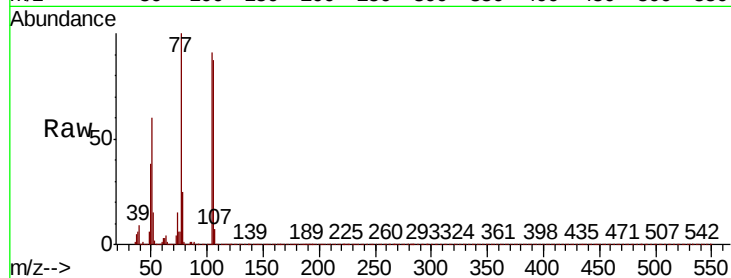
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 63070

Ion	Ratio	Lower	Upper
77	100		
105	91.2	69.7	109.7
106	86.7	67.1	107.1



#10

Phenol

Concen: 36.157 ng

RT: 7.78 min Scan# 967

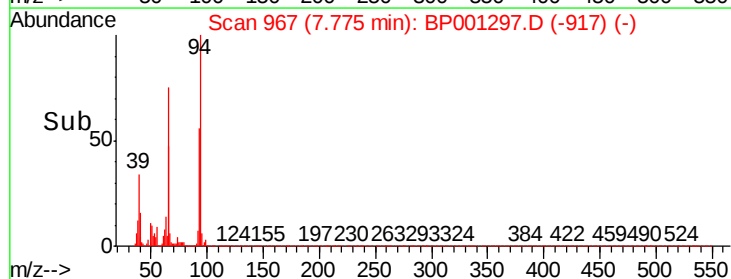
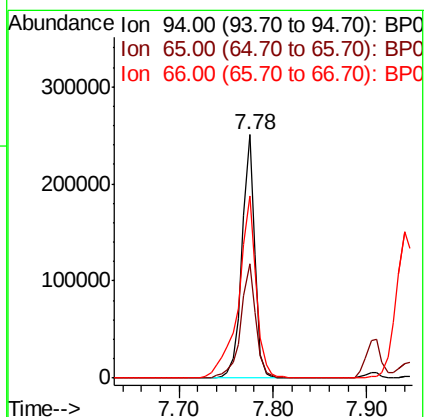
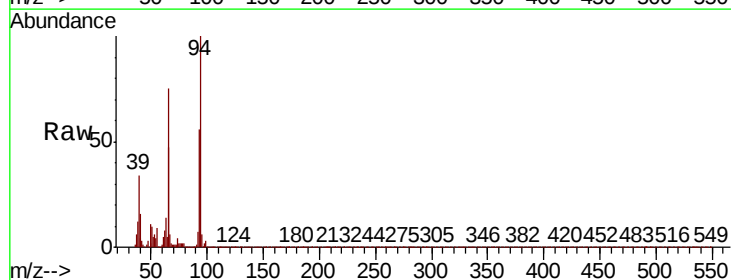
Delta R.T. -0.01 min

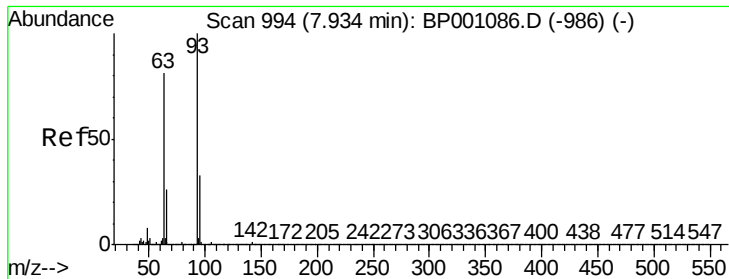
Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Tgt Ion: 94 Resp: 236213

Ion	Ratio	Lower	Upper
94	100		
65	47.0	25.6	65.6
66	74.9	52.6	92.6

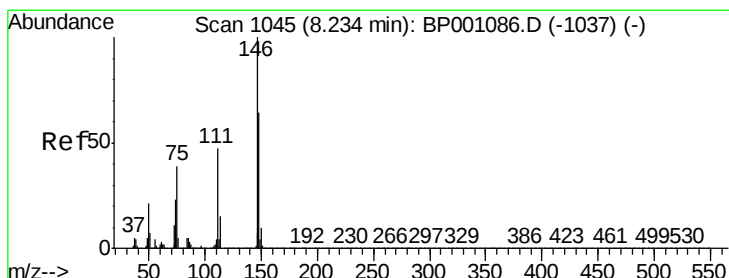
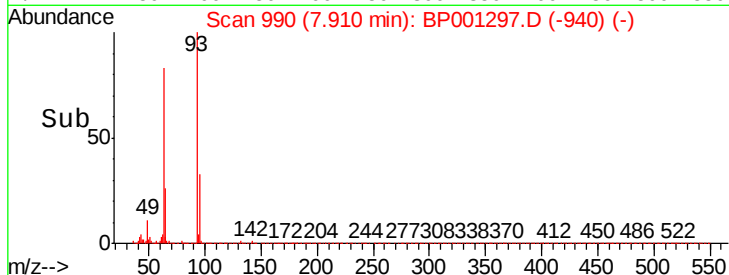
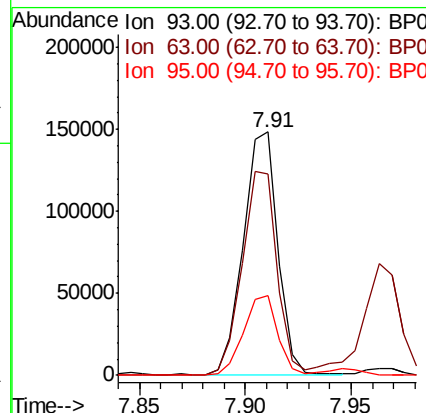
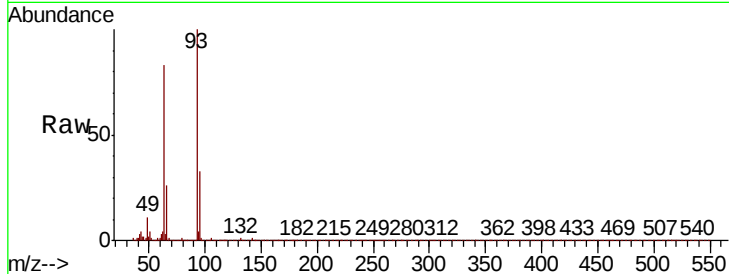




#11
bis(2-Chloroethyl)ether
Concen: 32.869 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

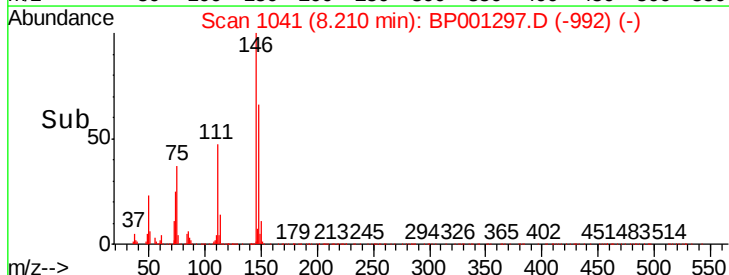
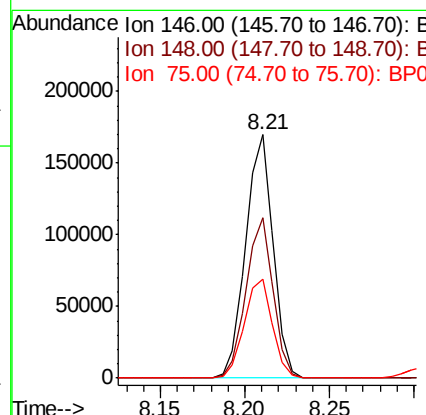
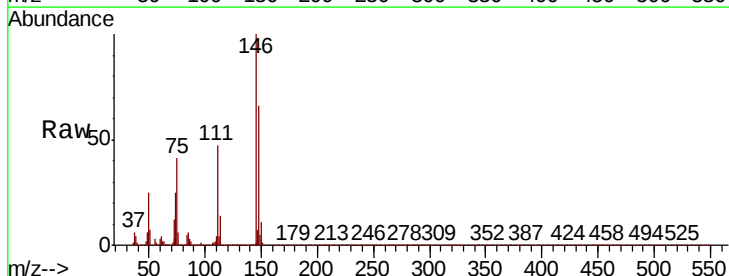
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	65.8	105.8
95	32.6	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 36.431 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	40.6	32.2	48.2

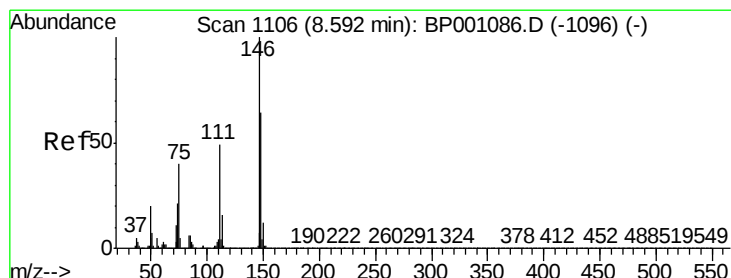
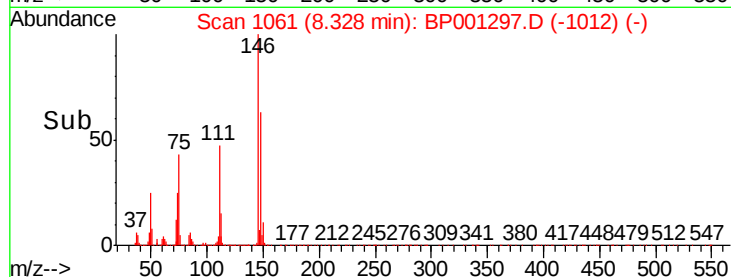
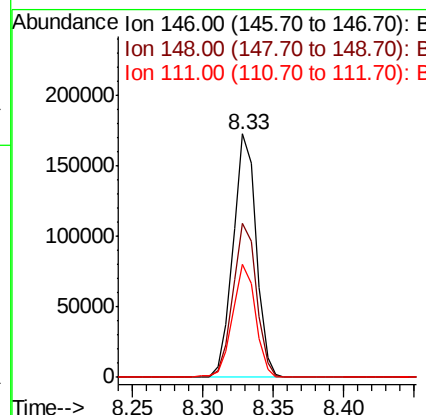
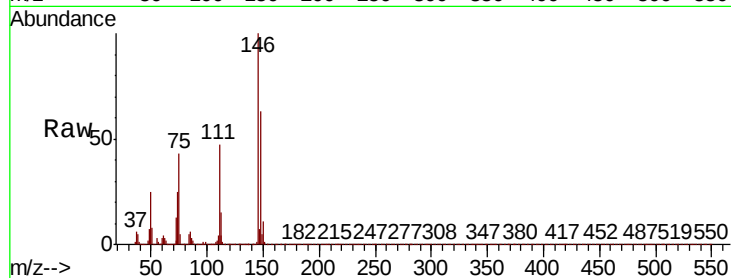




#13
1,4-Dichlorobenzene
Concen: 36.783 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

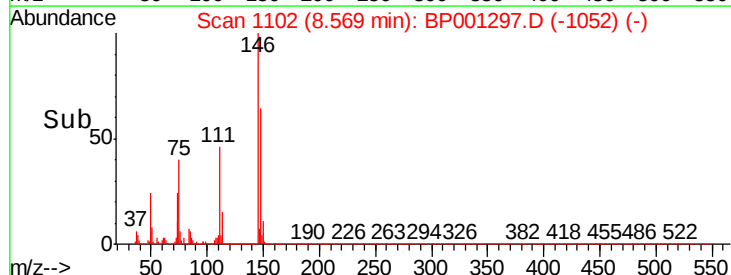
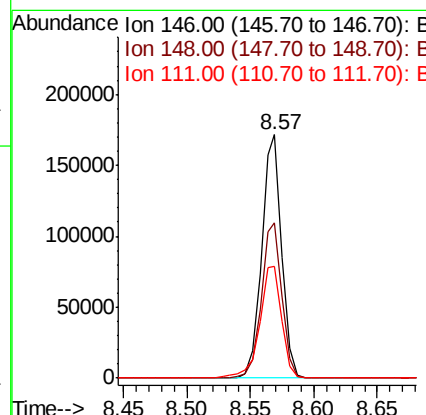
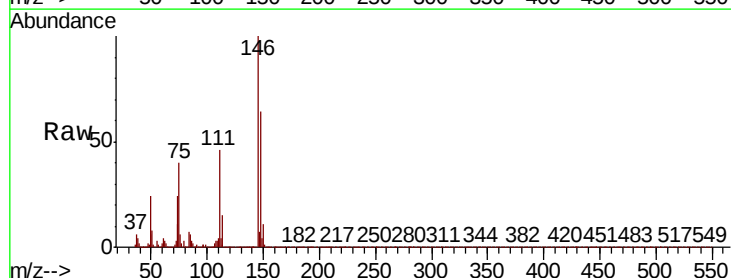
Instrument :
BNA_P
ClientSampleId :

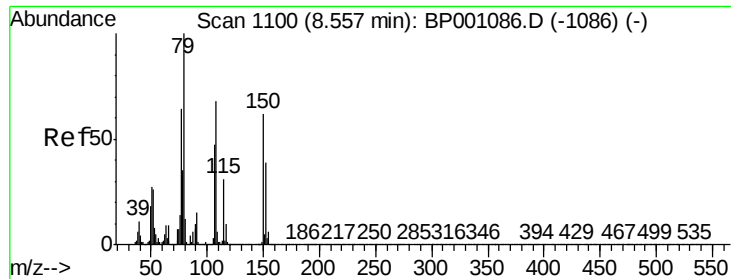
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	46.5	37.3	55.9



#14
1,2-Dichlorobenzene
Concen: 37.670 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	45.7	40.7	61.1

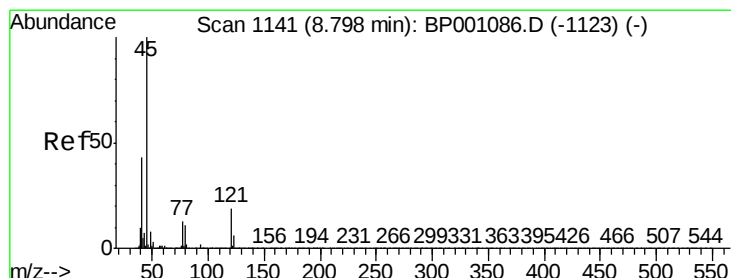
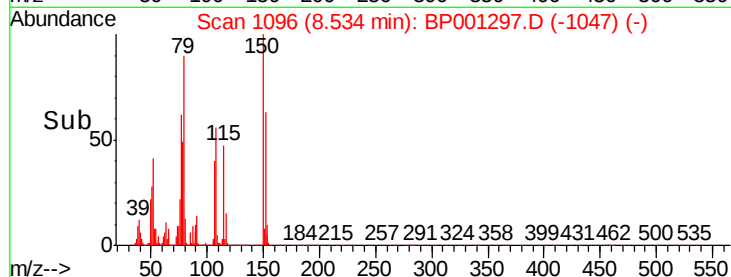
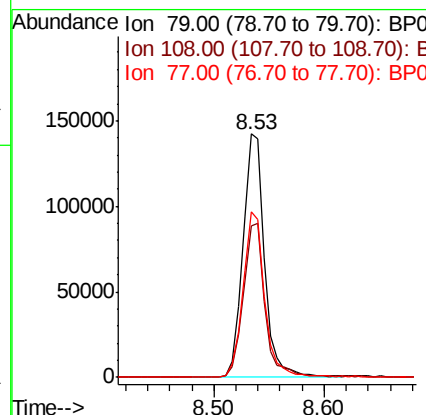
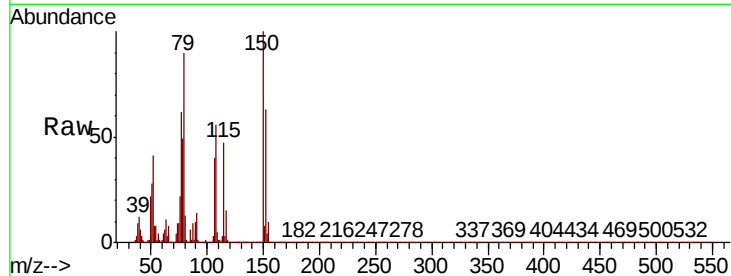




#15
Benzyl Alcohol
Concen: 41.608 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

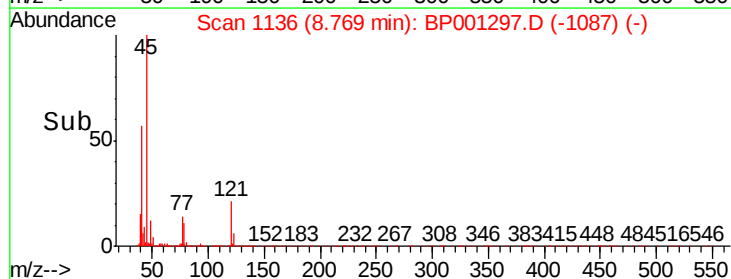
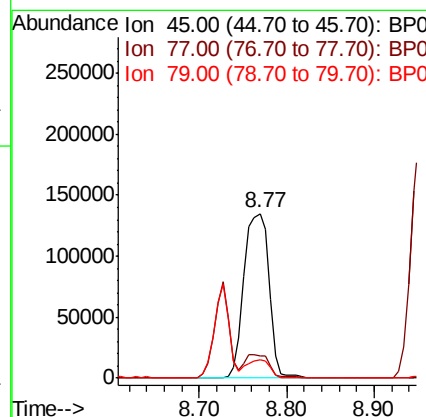
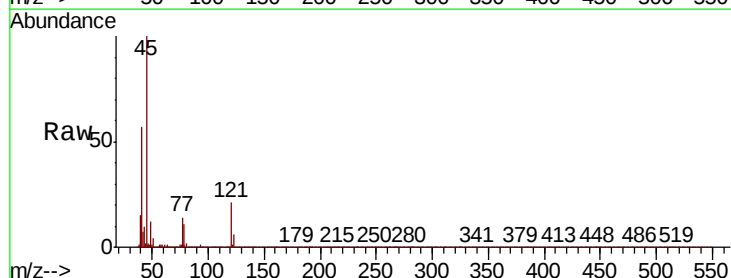
Instrument :
BNA_P
ClientSampleId :

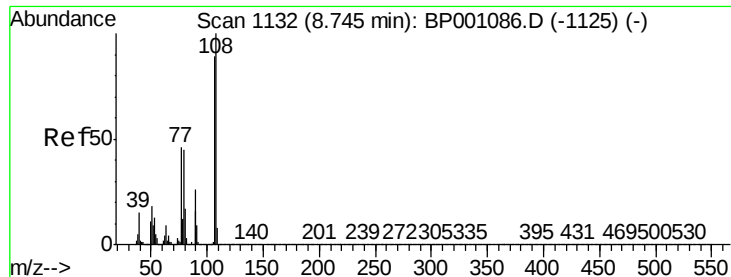
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.2	51.6	77.4
77	68.2	53.5	80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.724 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.9
79	11.4	0.0	30.9

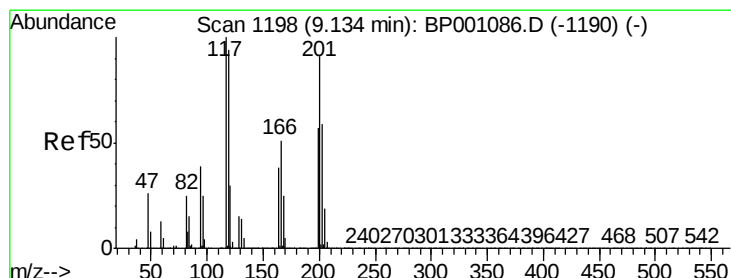
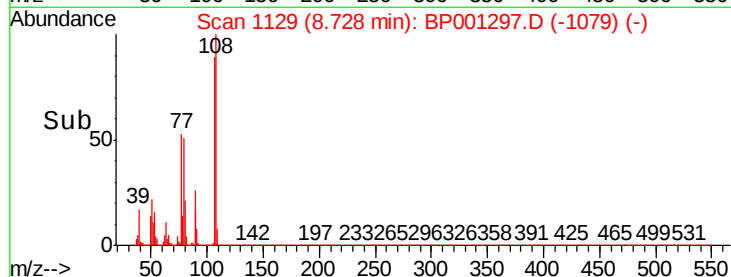
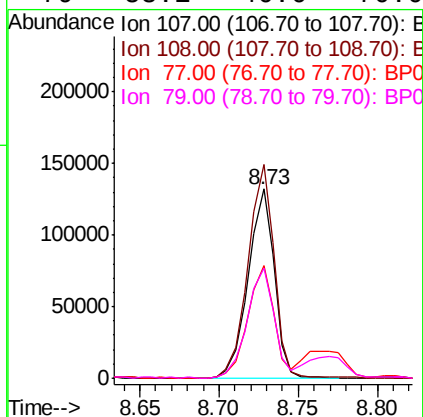
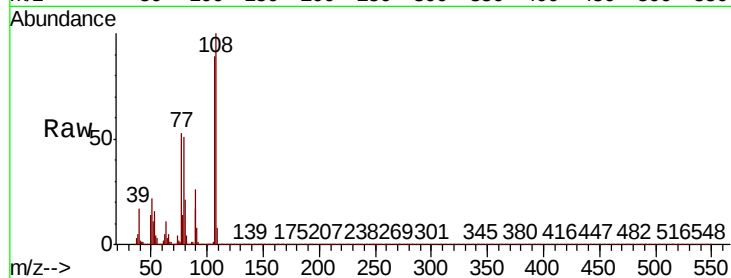




#17
2-Methylphenol
Concen: 36.846 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

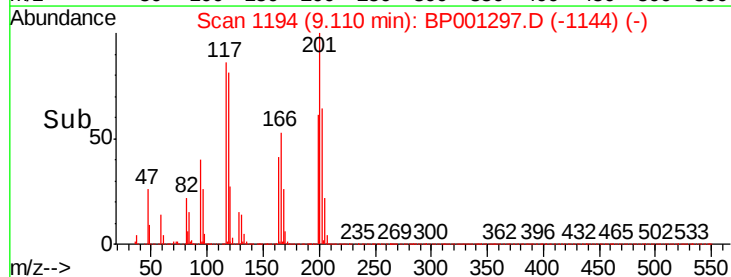
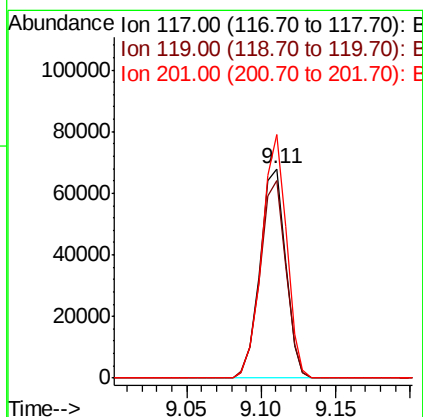
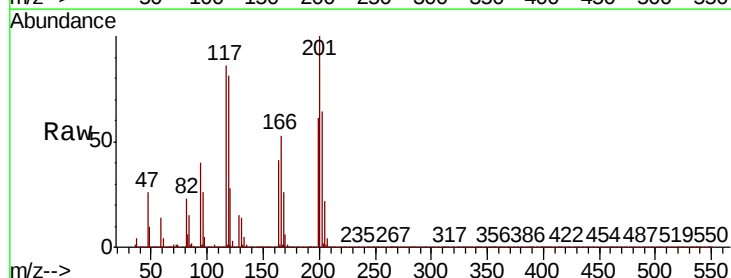
Instrument :
BNA_P
ClientSampleId :

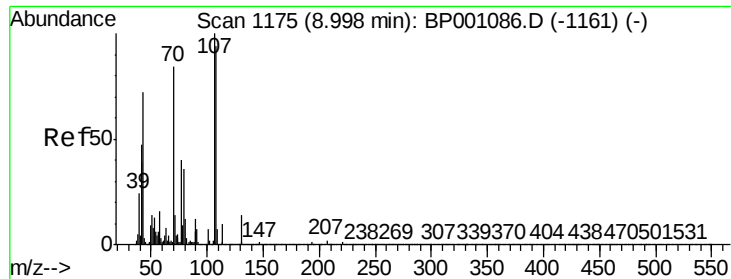
Tot Ion:	107	Resp:	150758
Ion	Ratio	Lower	Upper
107	100		
108	112.8	88.8	133.2
77	59.6	46.3	69.5
79	58.1	46.6	70.0



#18
Hexachloroethane
Concen: 36.354 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:	117	Resp:	80093
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.7	118.1
201	116.2	75.5	113.3#





#19

n-Nitroso-di-n-propylamine

Concen: 36.242 ng

RT: 8.97 min Scan# 1170

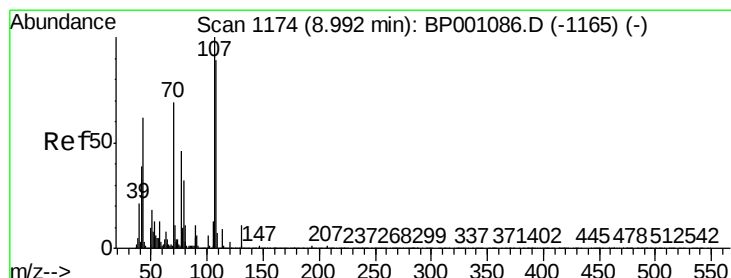
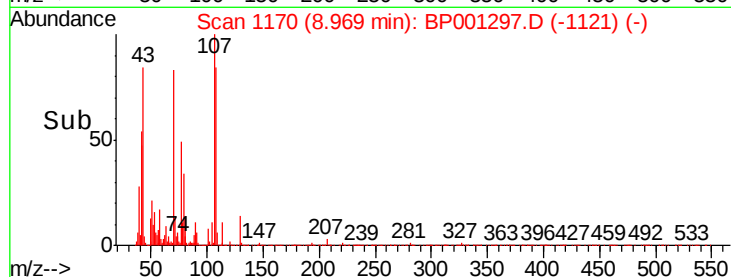
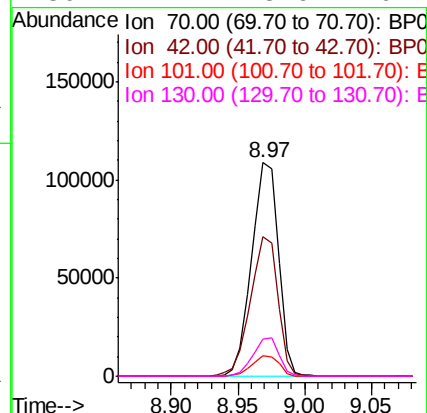
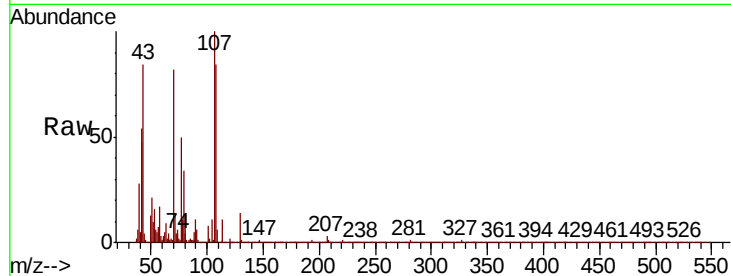
Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	150203
Ion	Ratio	Lower	Upper
70	100		
42	65.0	50.6	76.0
101	9.9	7.1	10.7
130	17.4	13.6	20.4



#20

3+4-Methylphenols

Concen: 39.131 ng

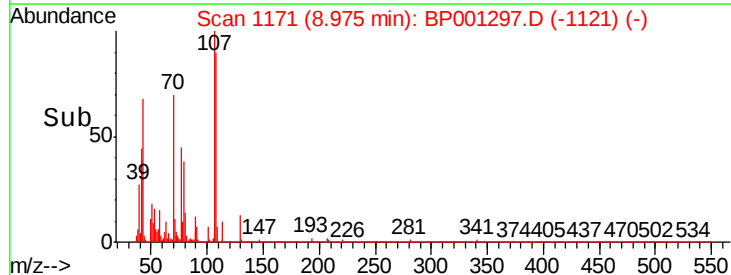
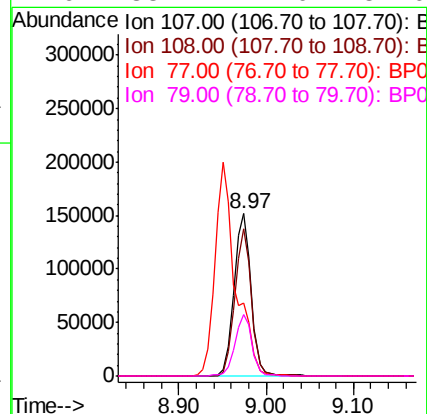
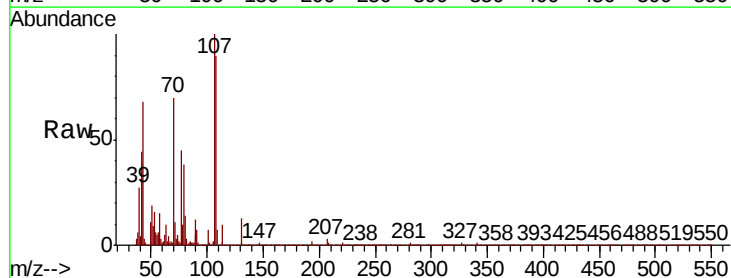
RT: 8.97 min Scan# 1171

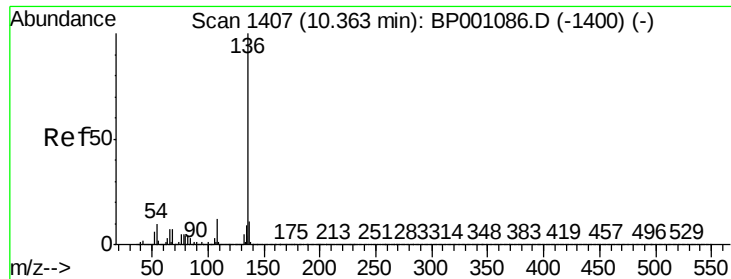
Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Tgt Ion:	107	Resp:	201823
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.3	108.3
77	45.1	25.2	65.2
79	38.1	17.0	57.0

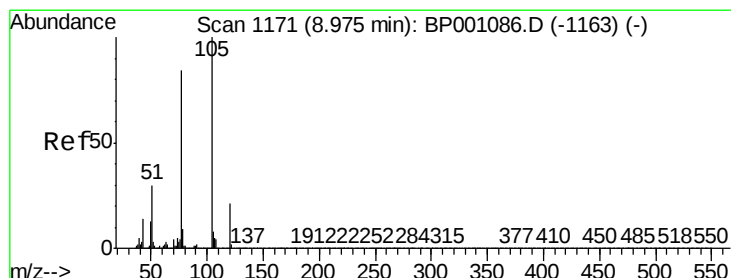
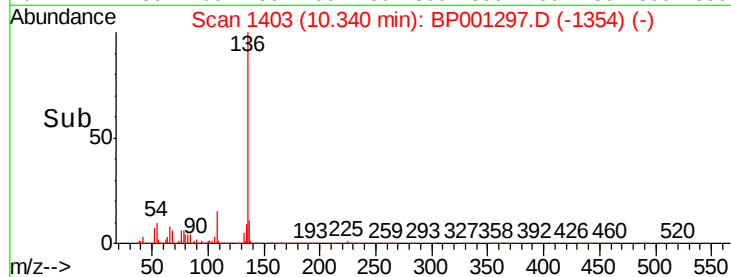
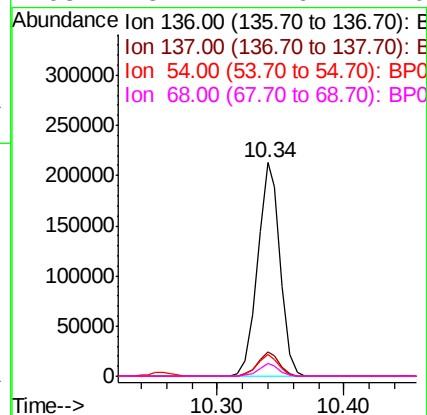
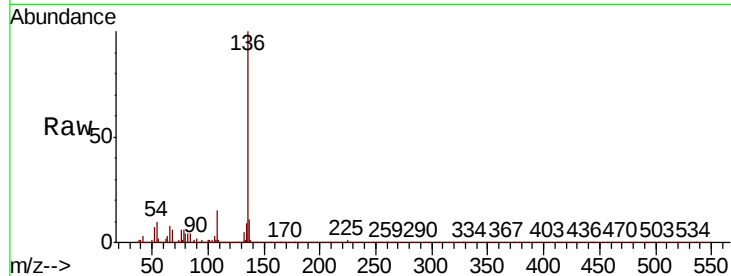




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

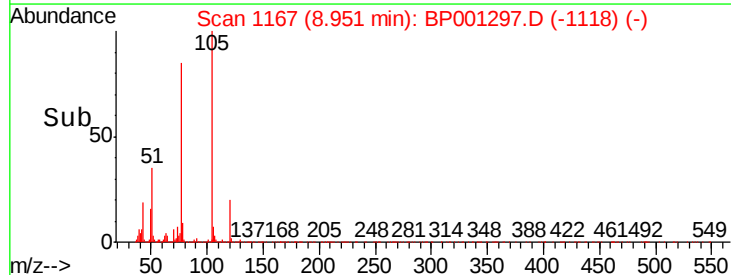
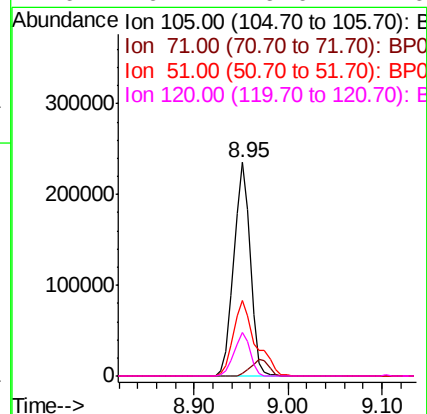
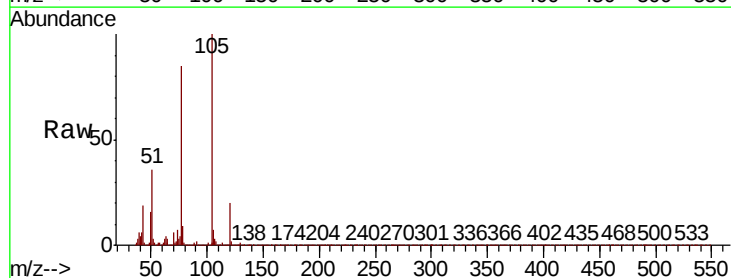
Instrument :
BNA_P
ClientSampleId :

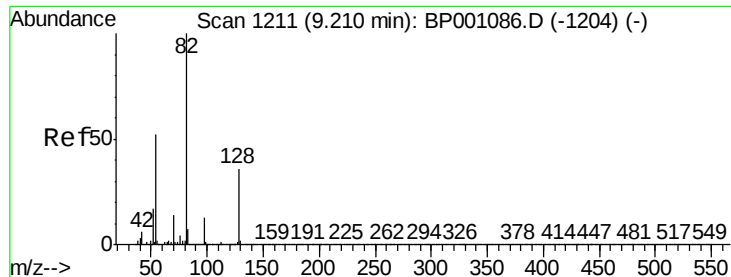
Tot Ion:136	Resp:	261833
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.4 12.6
54	10.0	7.4 11.0
68	5.7	4.6 7.0



#22
Acetophenone
Concen: 37.202 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:105	Resp:	286292
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.7 1.1
51	35.5	26.9 40.3
120	20.1	16.0 24.0

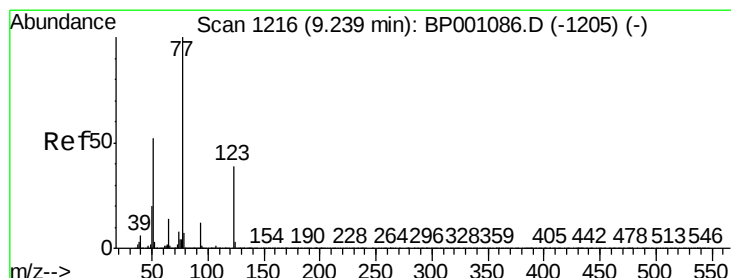
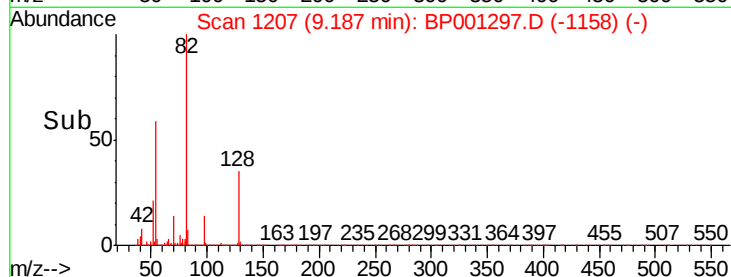
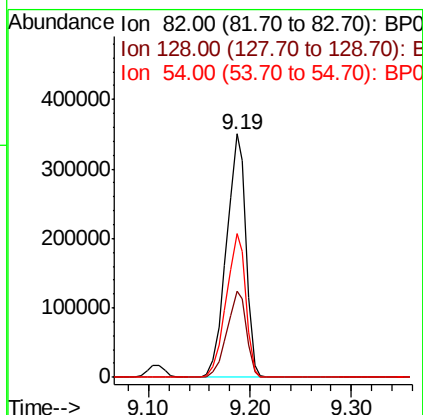
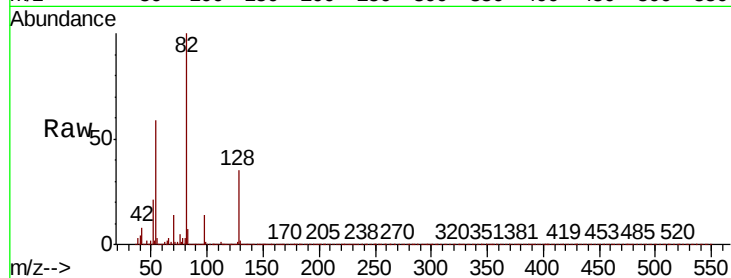




#23
Nitrobenzene-d5
Concen: 77.120 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

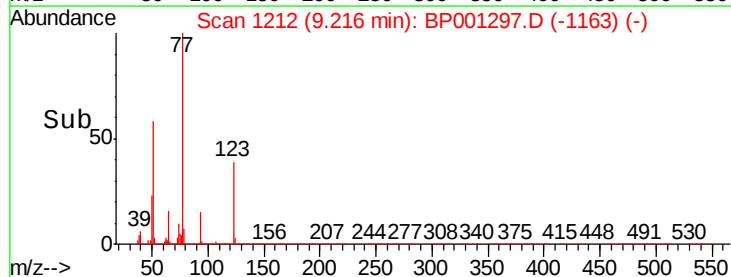
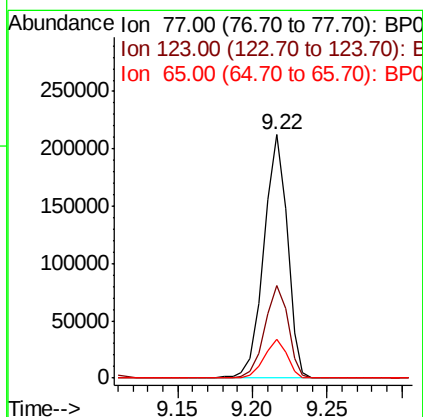
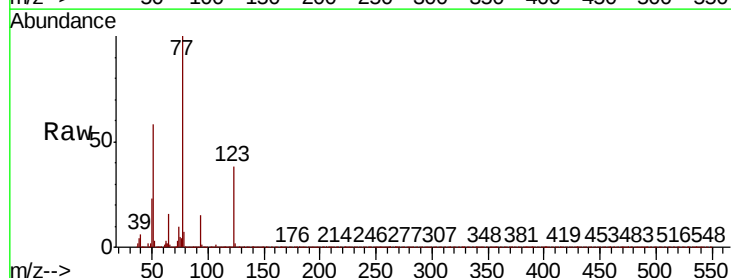
Instrument :
BNA_P
ClientSampleId :

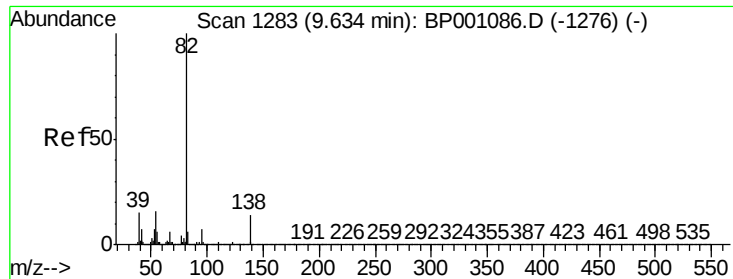
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.5	41.3
54	59.2	45.7	68.5



#24
Nitrobenzene
Concen: 38.139 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.2	45.4
65	15.9	11.9	17.9

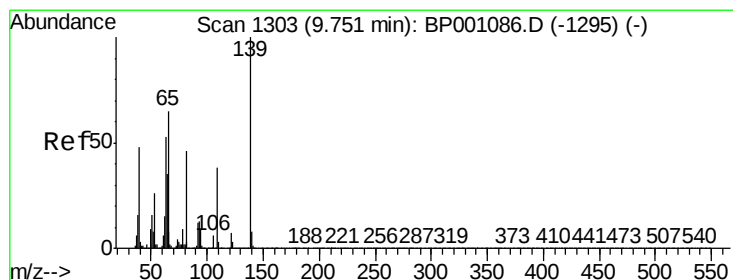
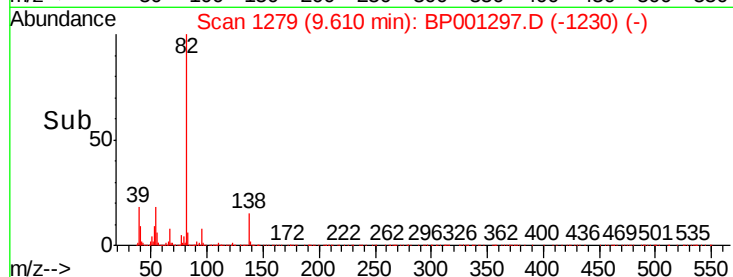
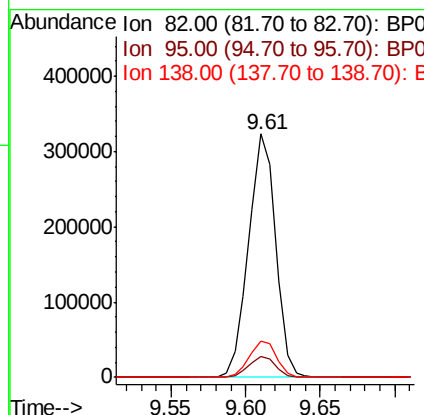
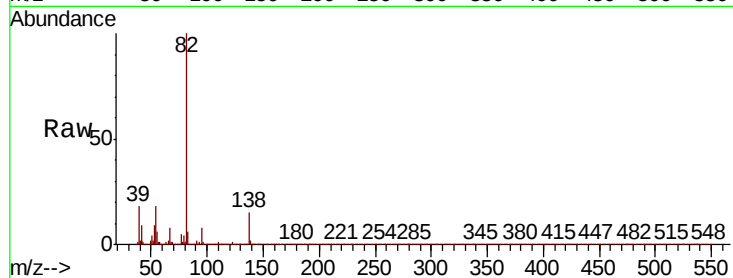




#25
Isophorone
Concen: 37.399 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

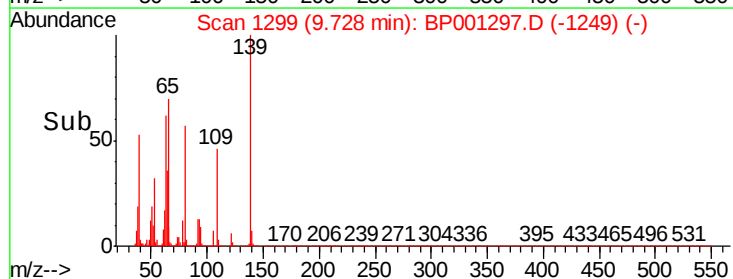
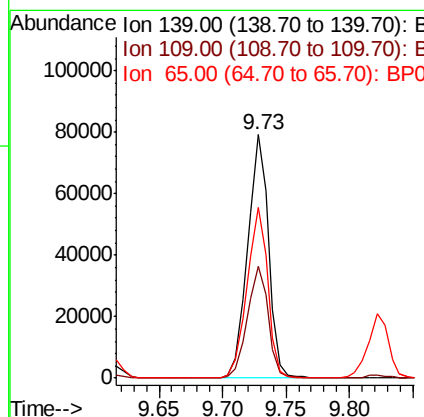
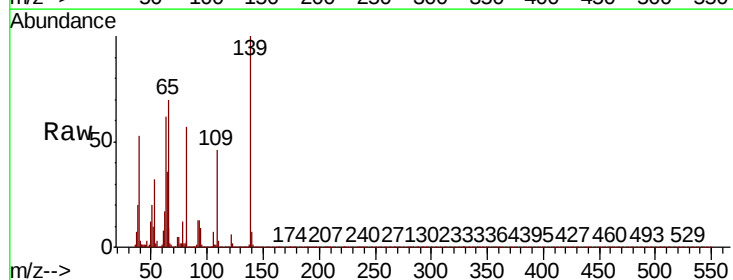
Instrument :
BNA_P
ClientSampleId :

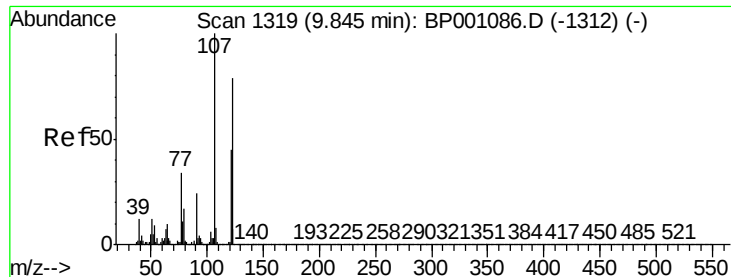
Tot Ion: 82 Resp: 404731
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 14.8 11.4 17.0



#26
2-Nitrophenol
Concen: 41.059 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion: 139 Resp: 90252
Ion Ratio Lower Upper
139 100
109 45.7 35.5 53.3
65 70.2 59.3 88.9





#27

2,4-Dimethylphenol

Concen: 44.346 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

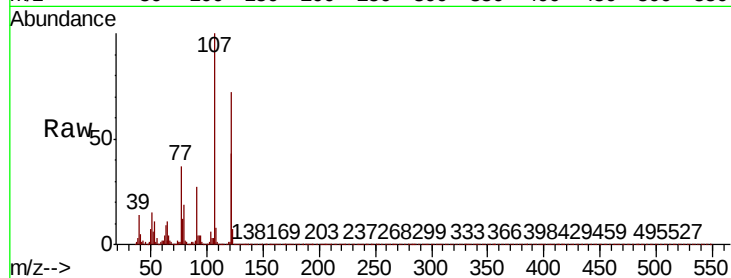
Tot Ion:122 Resp: 154404

Ion Ratio Lower Upper

122 100

107 139.2 106.7 160.1

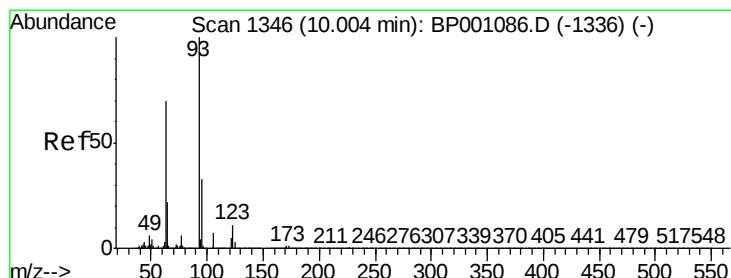
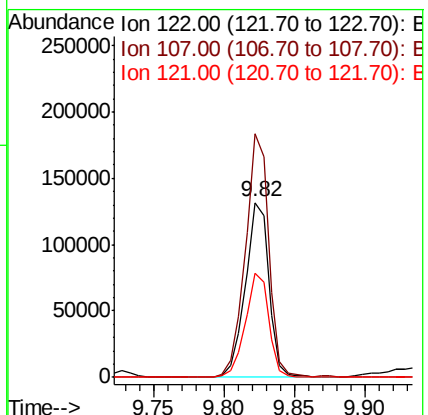
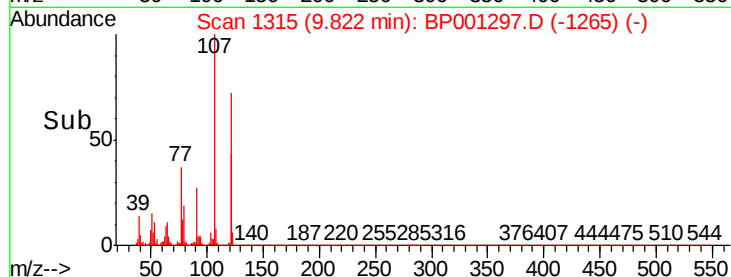
121 59.2 47.3 70.9



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: 33.594 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

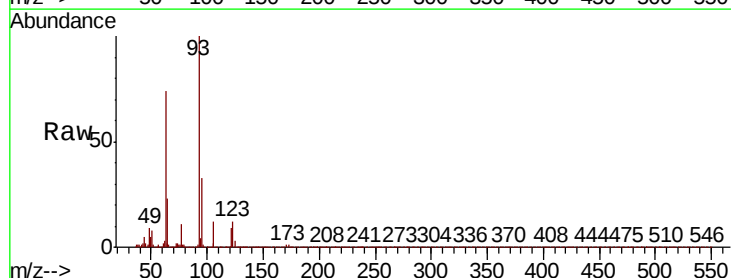
Tgt Ion: 93 Resp: 228099

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

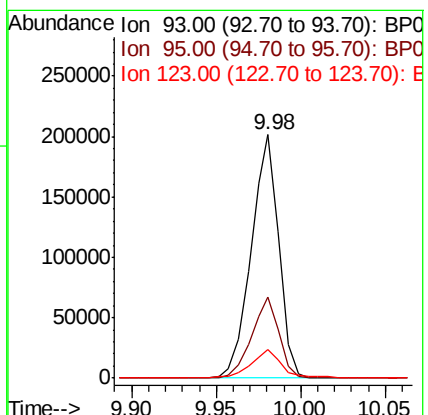
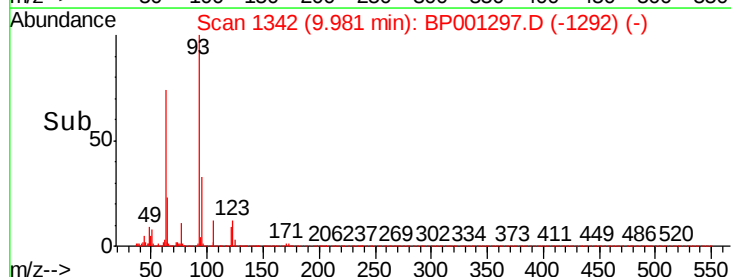
123 11.5 8.5 12.7

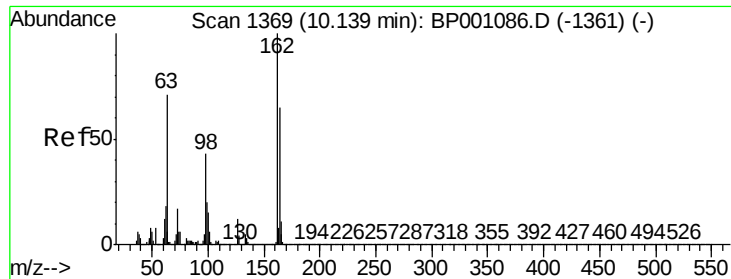


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

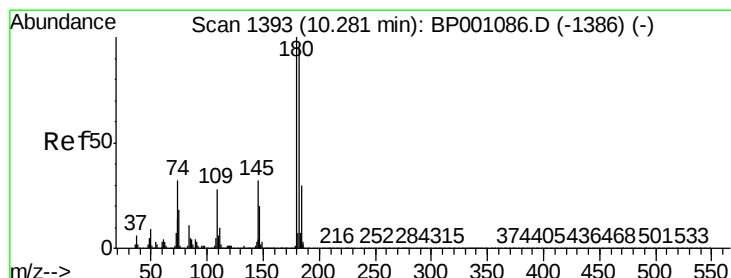
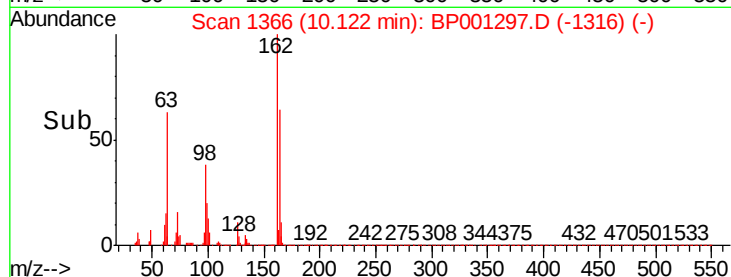
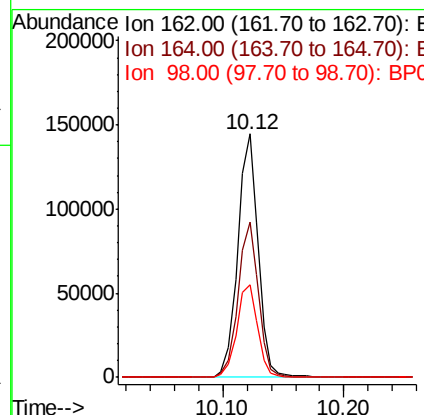
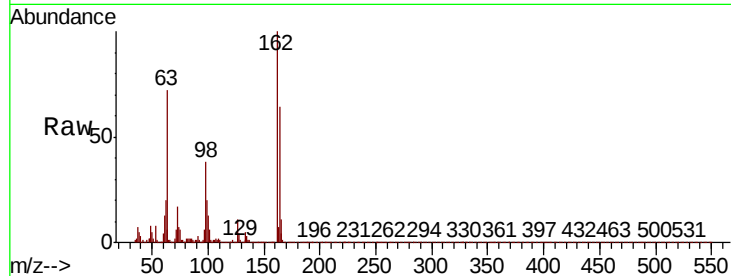




#29
2,4-Dichlorophenol
Concen: 43.130 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

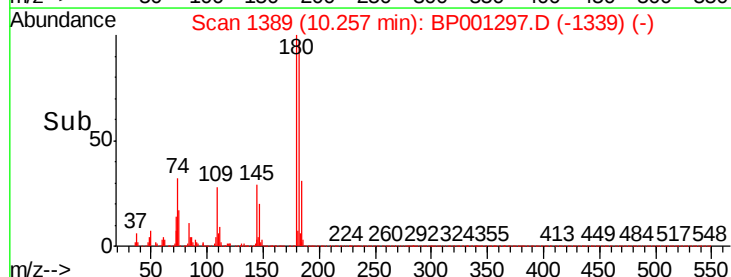
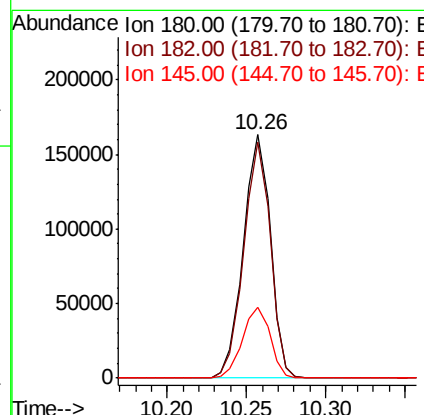
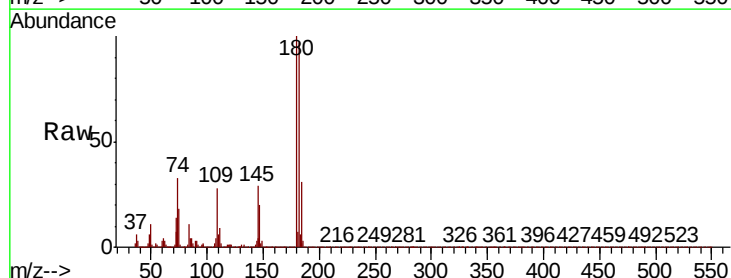
Instrument :
BNA_P
ClientSampleId :

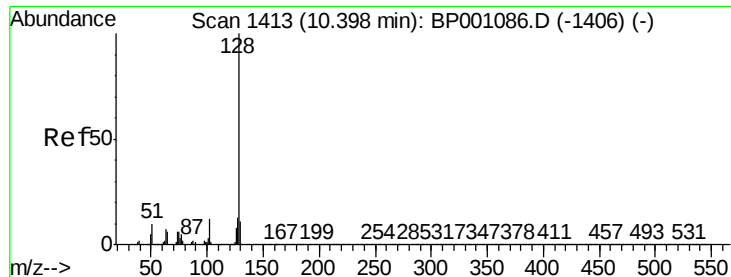
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.7	84.7
98	37.9	22.9	62.9



#30
1,2,4-Trichlorobenzene
Concen: 41.761 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.4	113.0
145	29.3	25.1	37.7

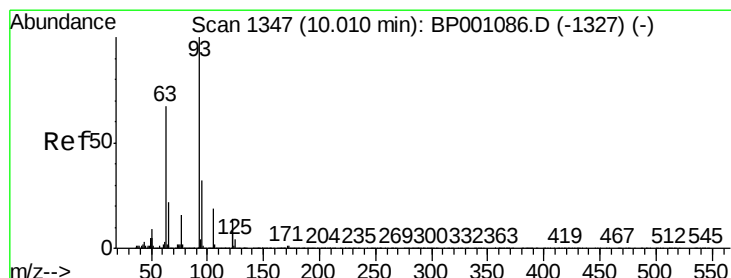
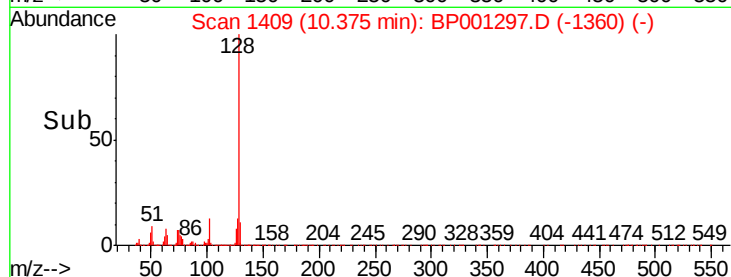
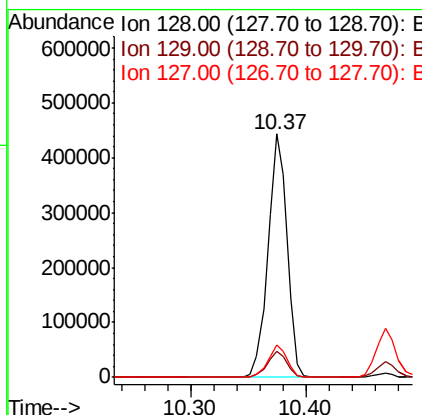
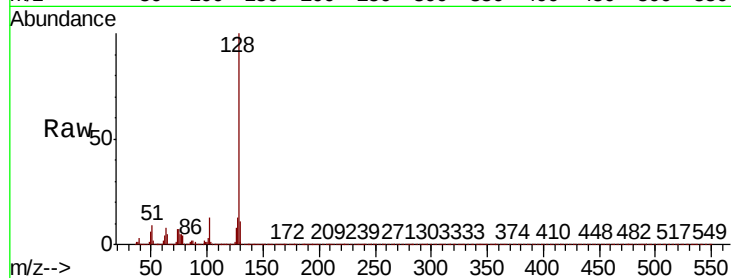




#31
Naphthalene
Concen: 38.250 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

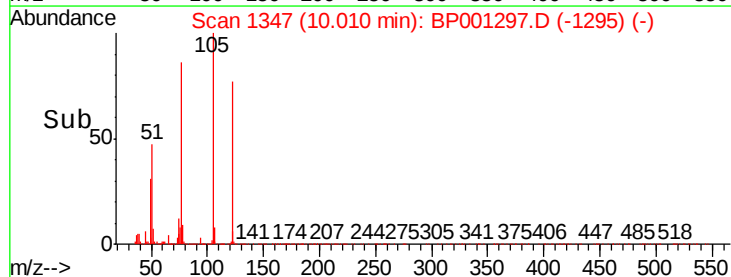
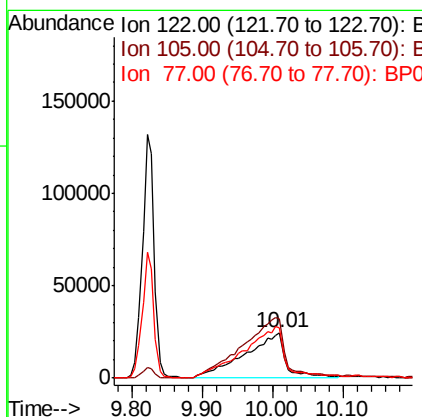
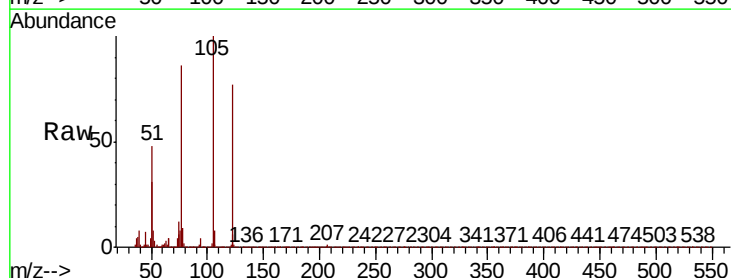
Instrument :
BNA_P
ClientSampleId :

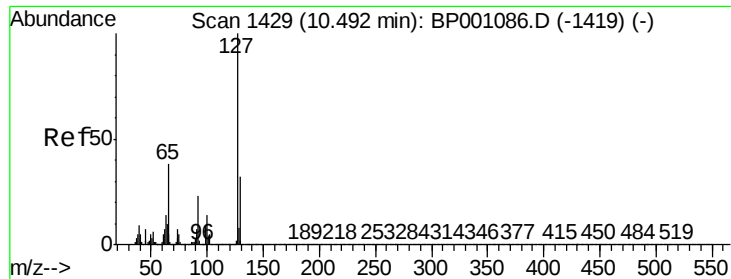
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.2	10.6	16.0



#32
Benzoic acid
Concen: 37.824 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	122.3	162.3
77	111.8	100.4	140.4

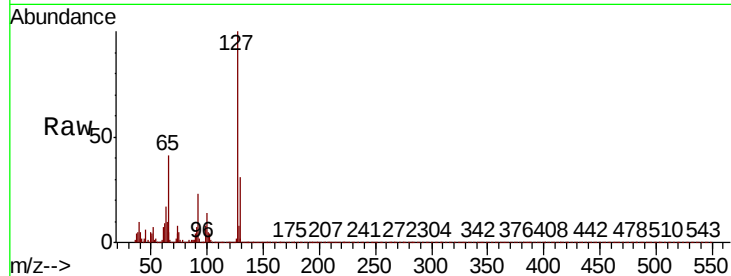




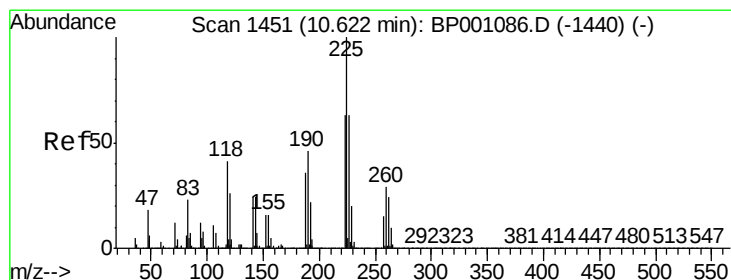
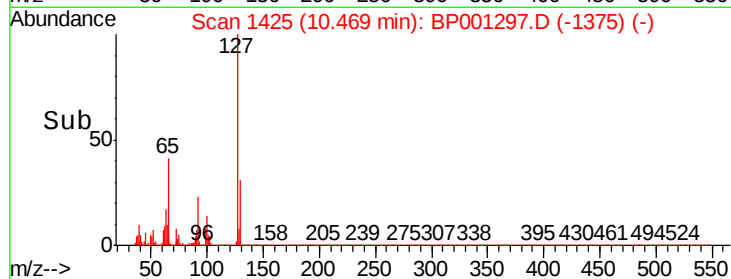
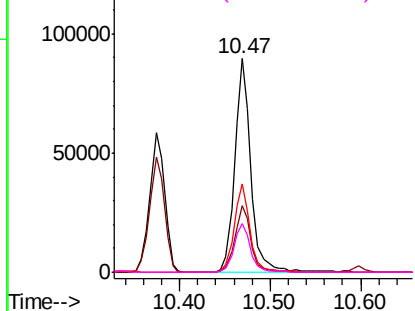
#33
4-Chloroaniline
Concen: 19.161 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	111189
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.6	38.4
65	41.3	33.6	50.4
92	22.6	19.8	29.6

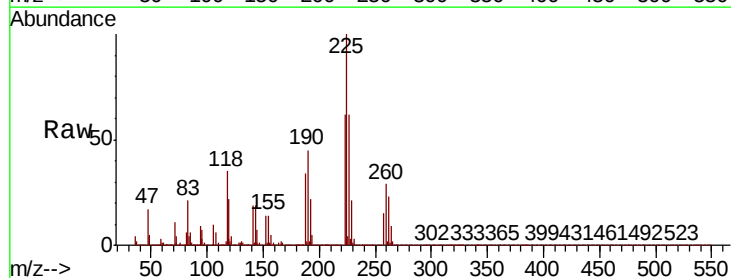


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

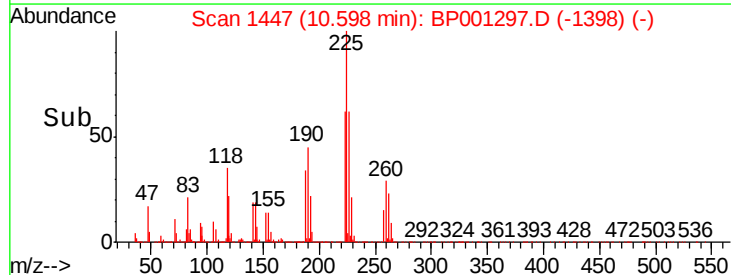
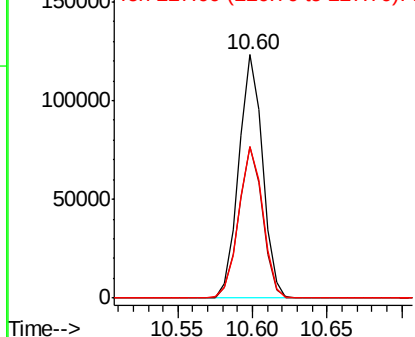


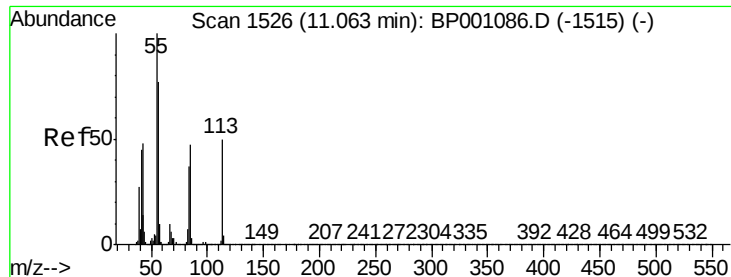
#34
Hexachlorobutadiene
Concen: 46.751 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:	225	Resp:	136123
Ion	Ratio	Lower	Upper
225	100		
223	65.3	47.8	71.6
227	65.4	50.0	75.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.922 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

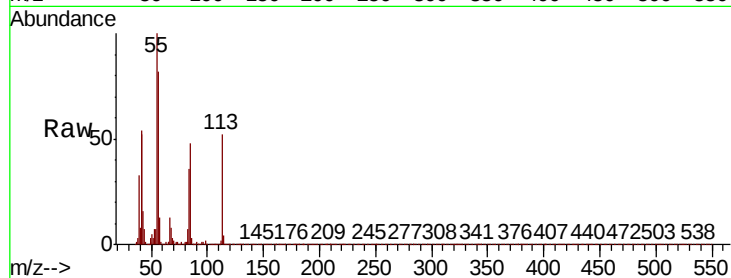
Tot Ion:113 Resp: 31306

Ion Ratio Lower Upper

113 100

55 193.2 185.4 225.4

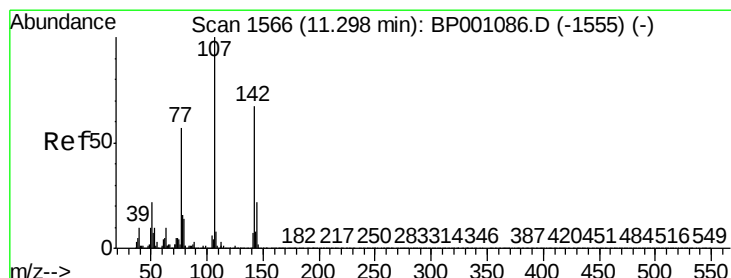
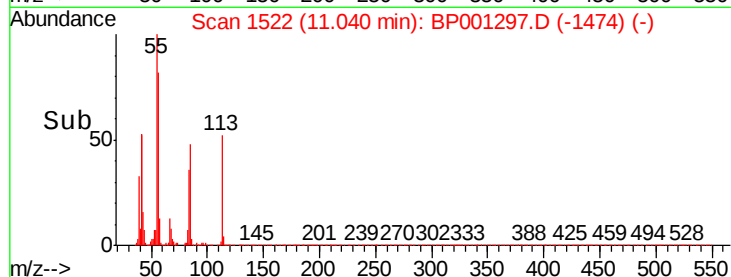
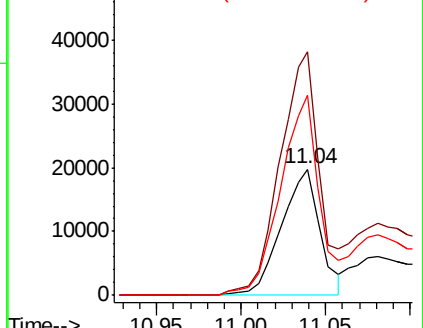
56 158.5 136.9 176.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 42.588 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

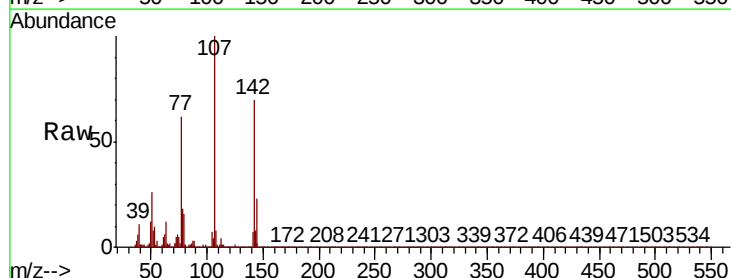
Tgt Ion:107 Resp: 200097

Ion Ratio Lower Upper

107 100

144 22.8 16.8 25.2

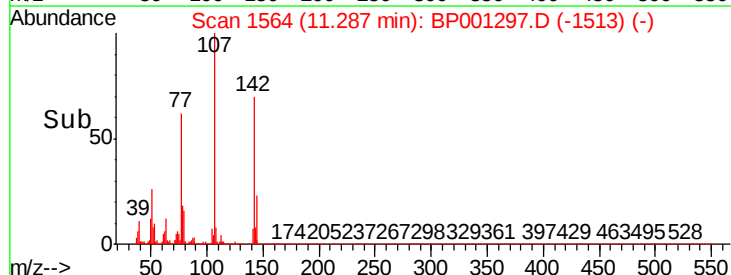
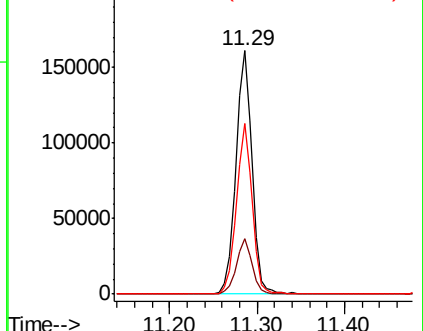
142 69.9 51.8 77.6

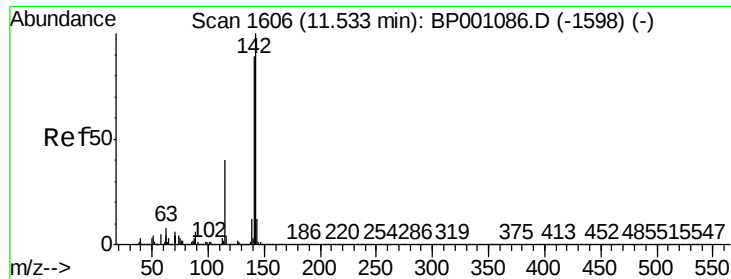


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

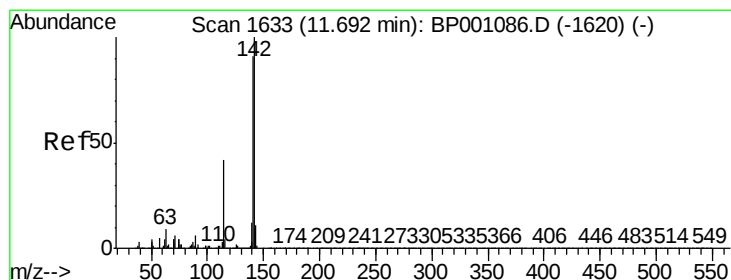
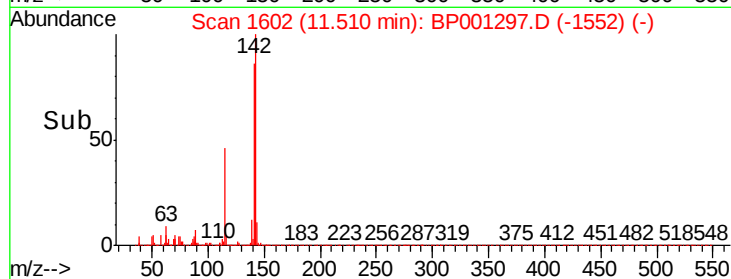
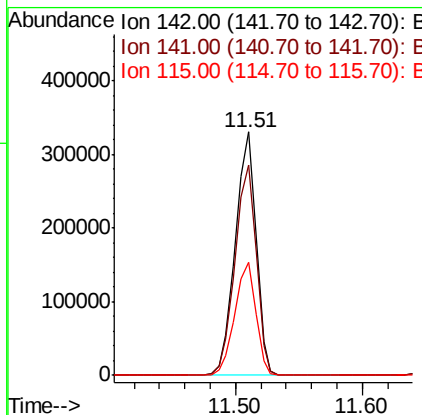
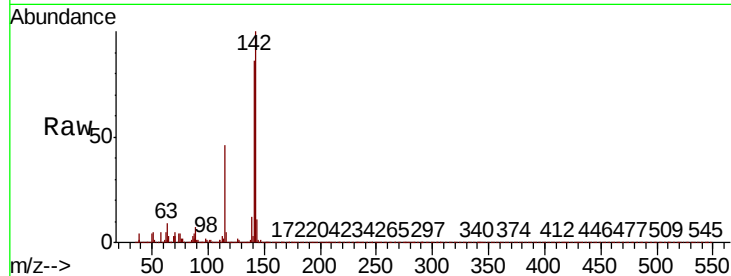




#37
2-Methylnaphthalene
Concen: 41.070 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

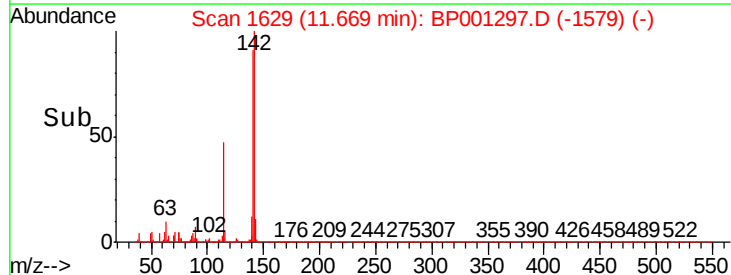
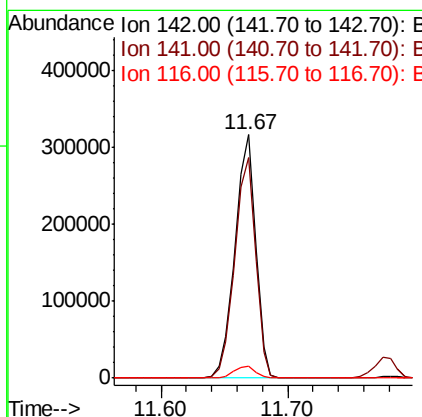
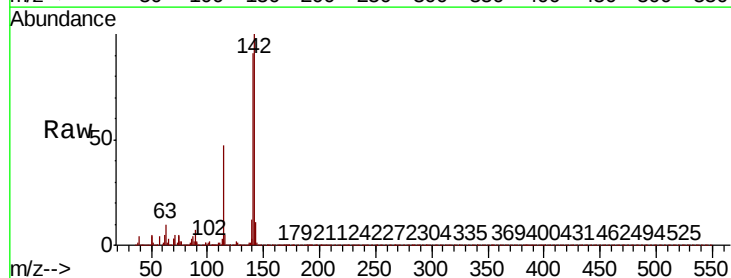
Instrument :
BNA_P
ClientSampleId :

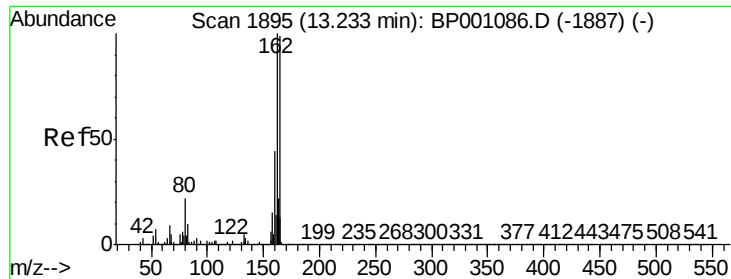
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.6	107.4
115	46.2	36.0	54.0



#38
1-Methylnaphthalene
Concen: 41.306 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.7	109.1
116	4.8	3.8	5.6

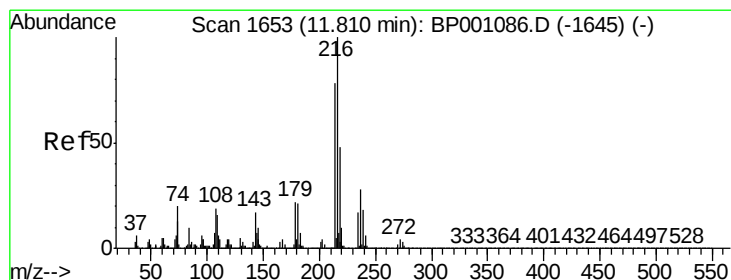
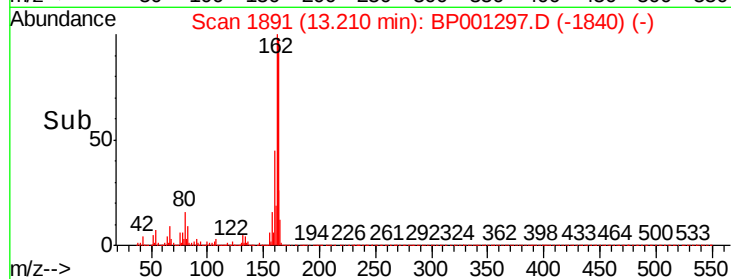
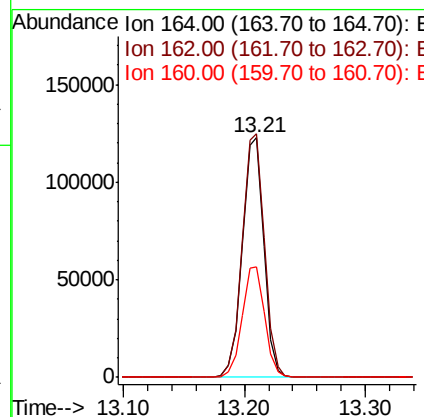
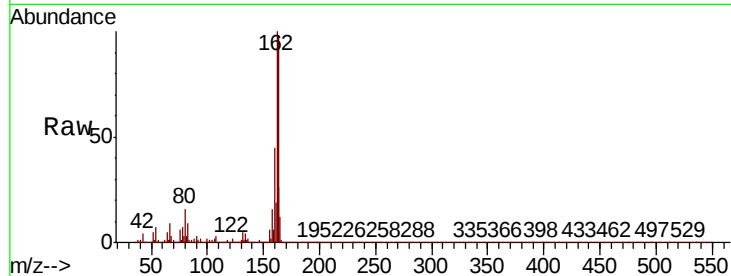




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

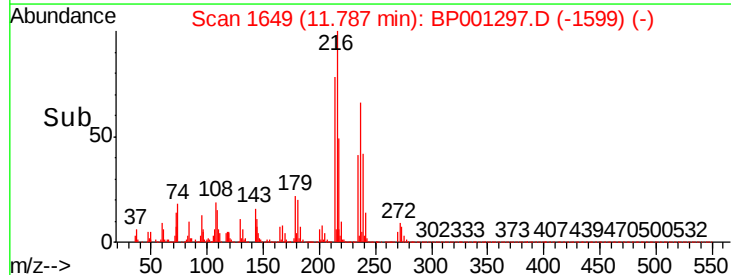
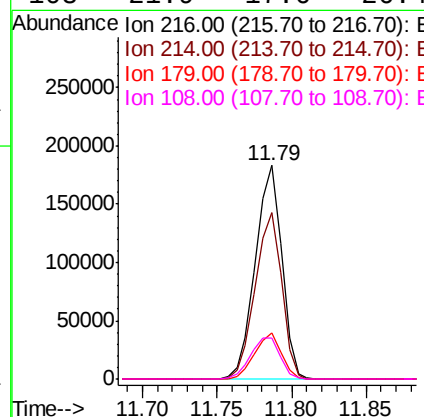
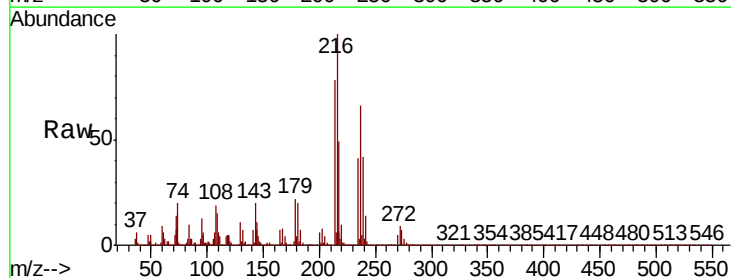
Instrument :
BNA_P
ClientSampleId :

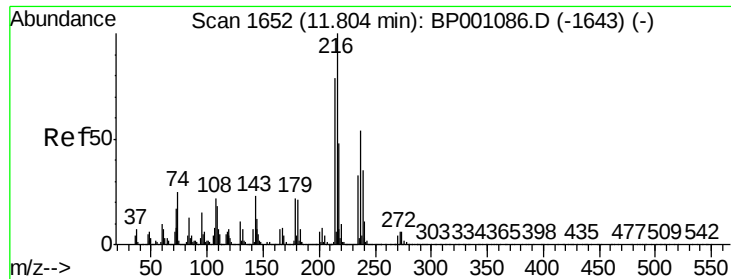
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	46.0	36.3	54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.576 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.2	93.2
179	21.5	17.8	26.6
108	21.9	17.6	26.4

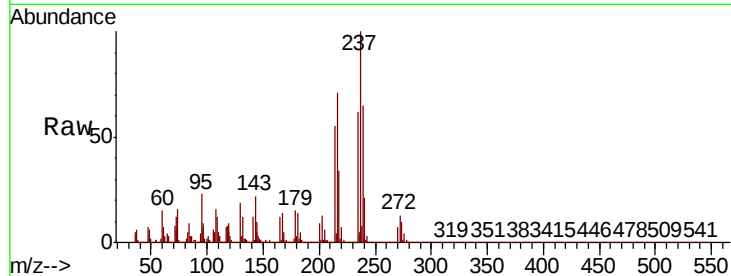




#41
Hexachlorocyclopentadiene
Concen: 117.904 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.9	81.9
272	12.6	0.0	32.4

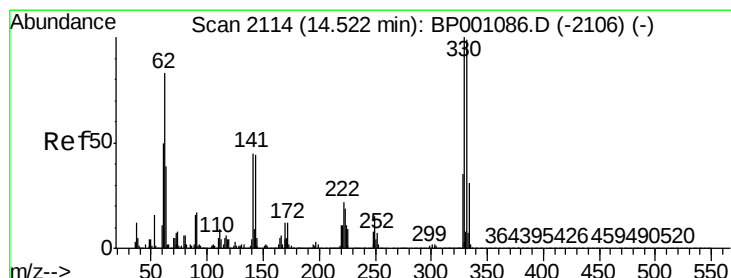
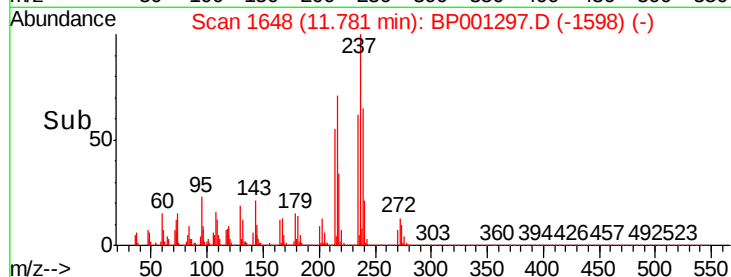
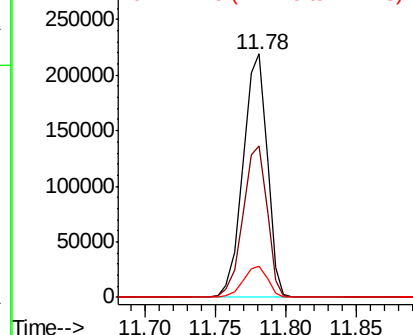


Abundance

Ion 236.80 (236.50 to 237.50): E

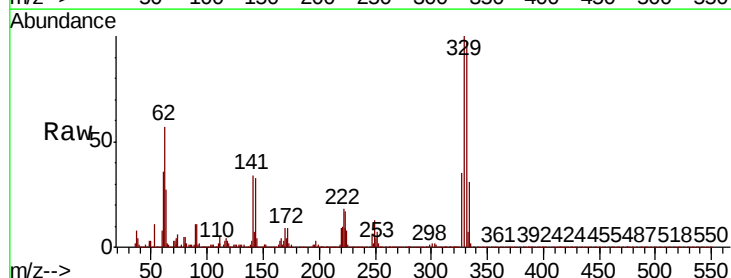
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 208.731 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	32.7	35.9	53.9#

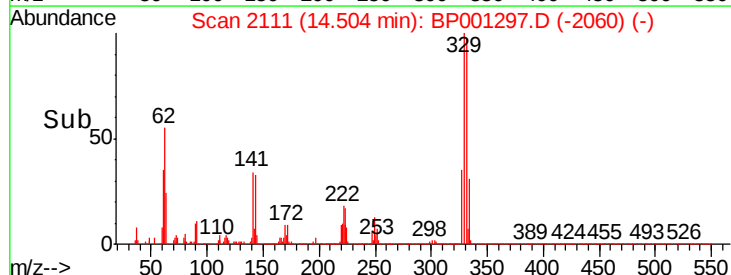
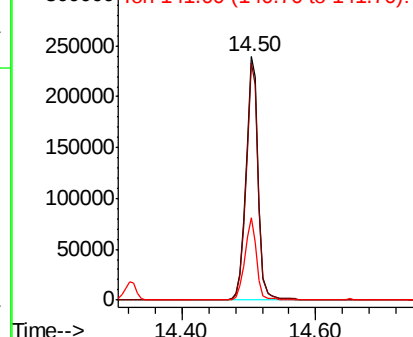


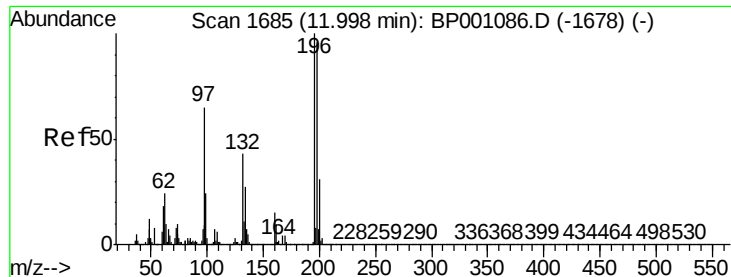
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

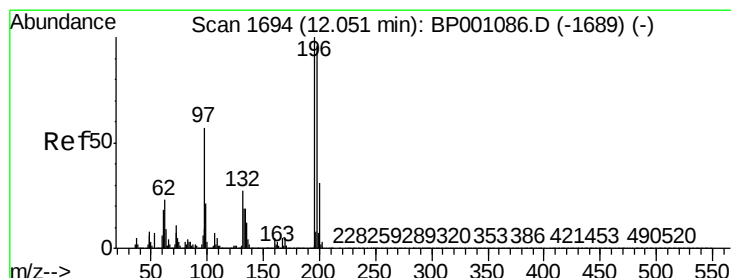
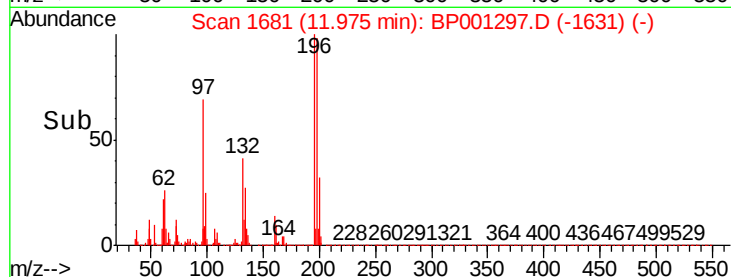
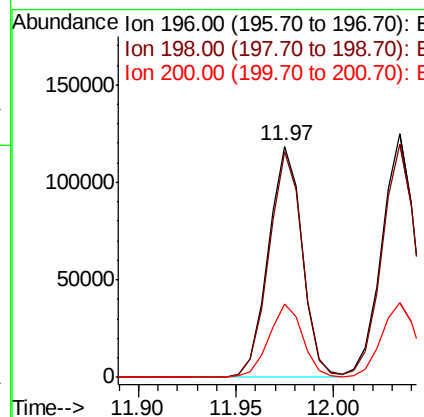
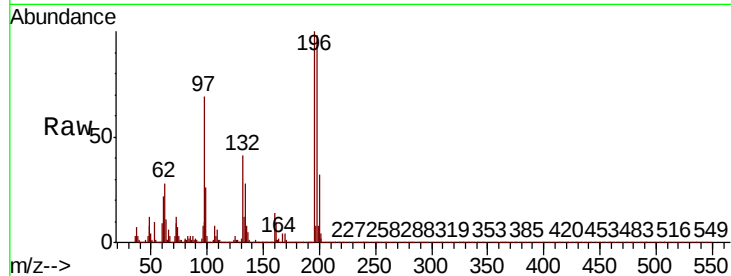




#43
 2,4,6-Trichlorophenol
 Concen: 45.300 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

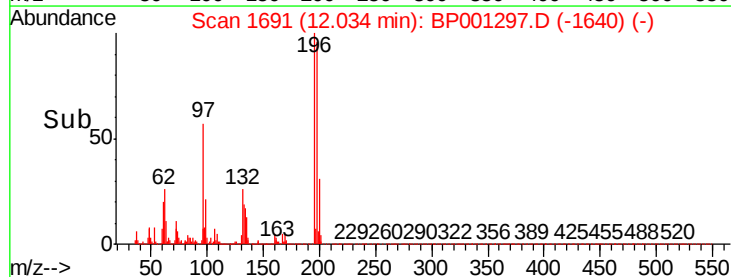
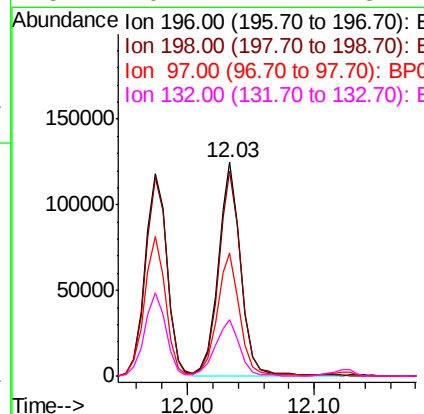
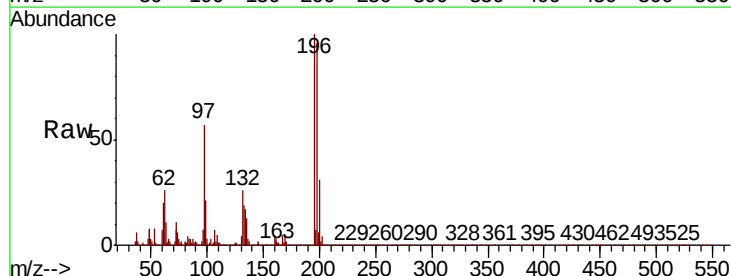
Instrument :
 BNA_P
 ClientSampleId :

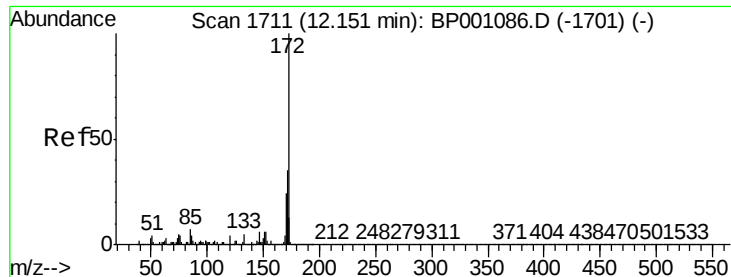
Tot Ion:196 Resp: 141998
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.4 116.0
 200 31.8 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.807 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

Tgt Ion:196 Resp: 155269
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 57.3 51.3 76.9
 132 26.2 22.7 34.1

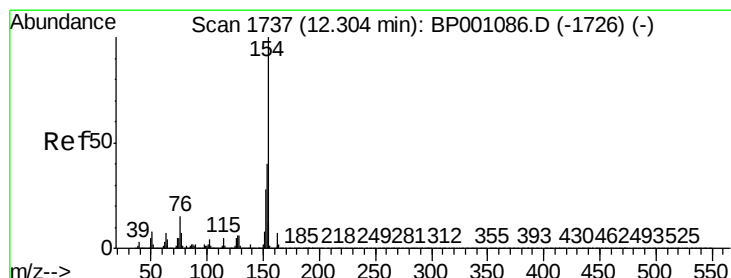
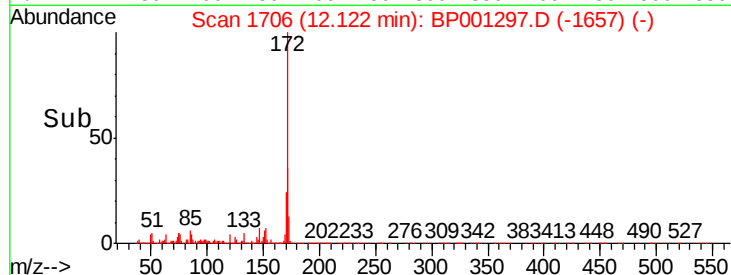
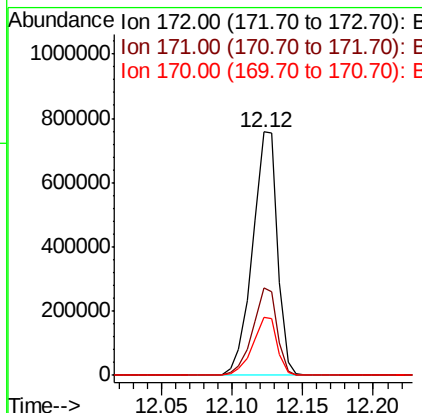
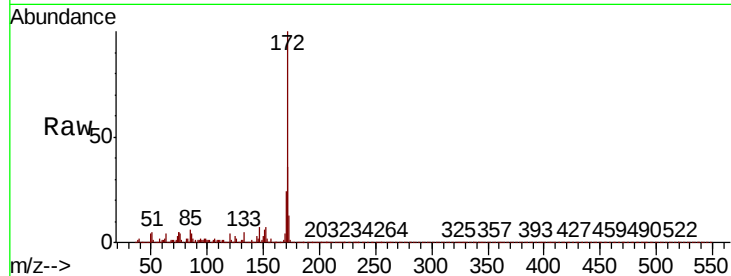




#45
2-Fluorobiphenyl
Concen: 90.517 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

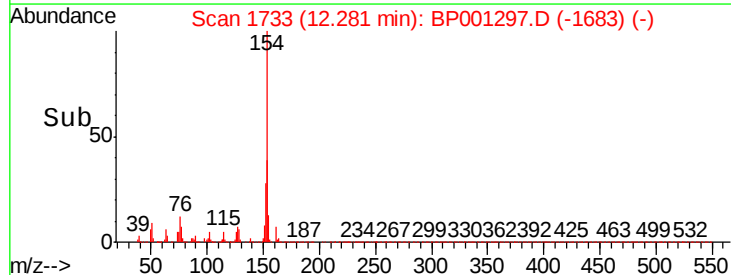
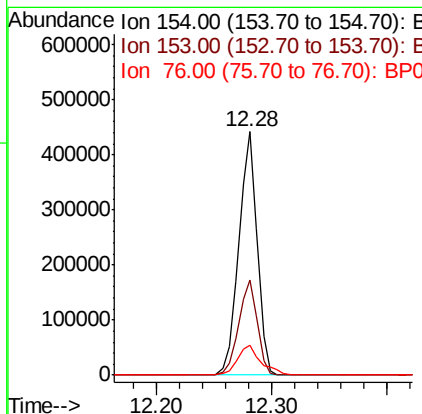
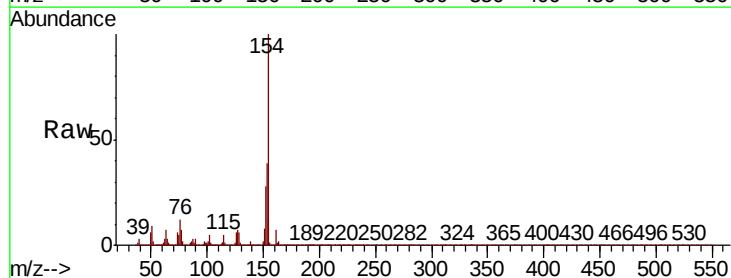
Instrument :
BNA_P
ClientSampleId :

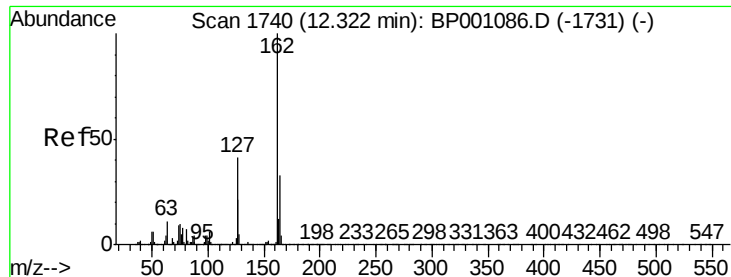
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.9	19.2	28.8



#46
1,1'-Biphenyl
Concen: 41.029 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.3	59.3
76	12.1	0.0	34.2

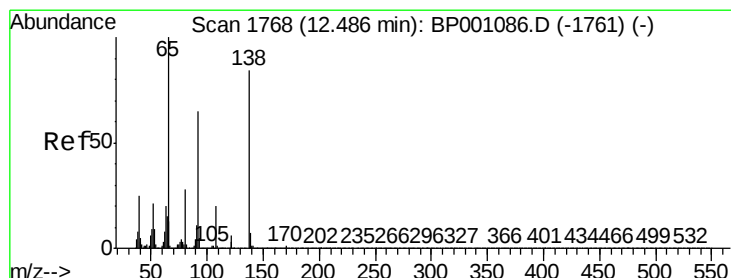
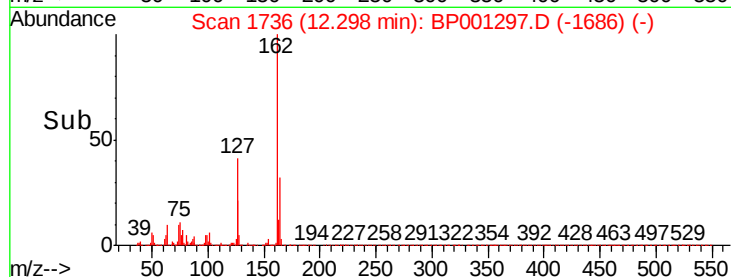
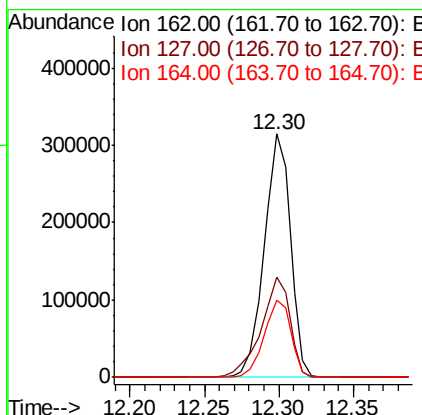
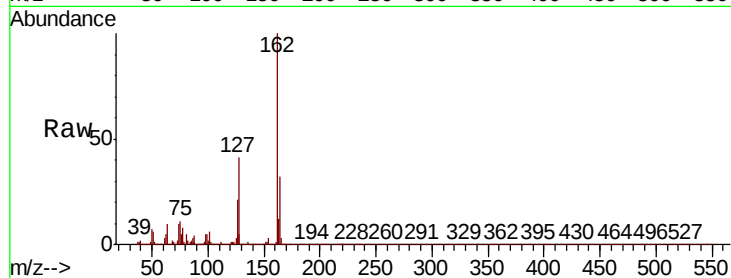




#47
2-Chloronaphthalene
Concen: 40.480 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

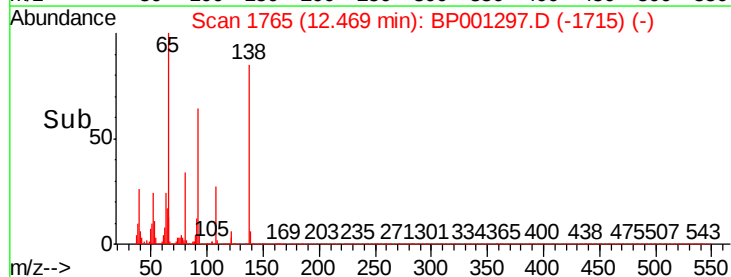
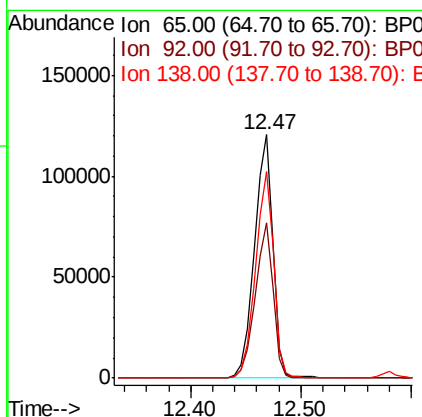
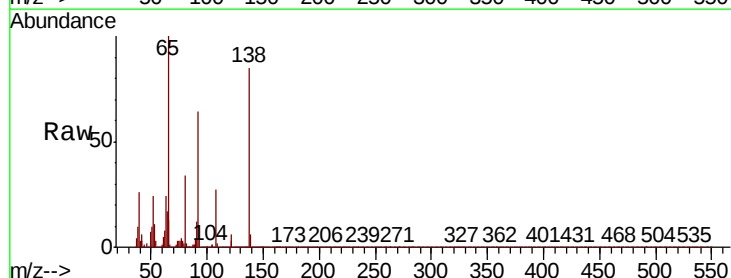
Instrument :
BNA_P
ClientSampleId :

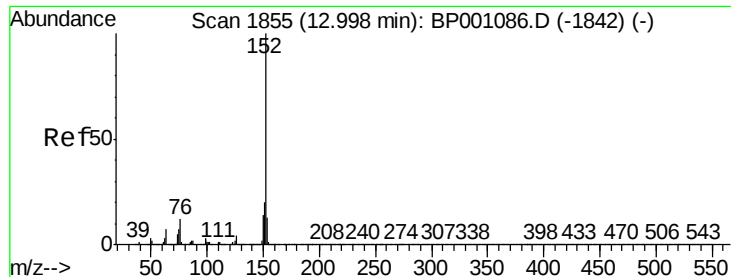
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.4	51.6
164	31.9	26.2	39.4



#48
2-Nitroaniline
Concen: 38.474 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	49.4	74.2
138	85.0	64.8	97.2





#49

Acenaphthylene

Concen: 42.611 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

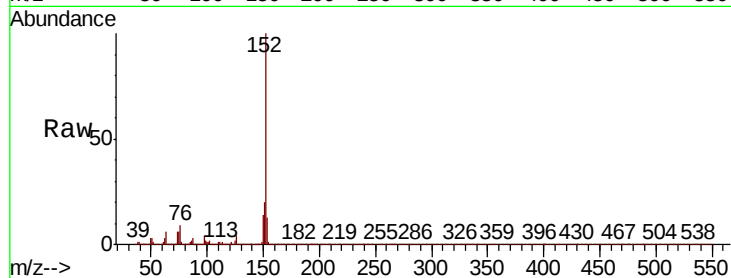
Tot Ion:152 Resp: 600662

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

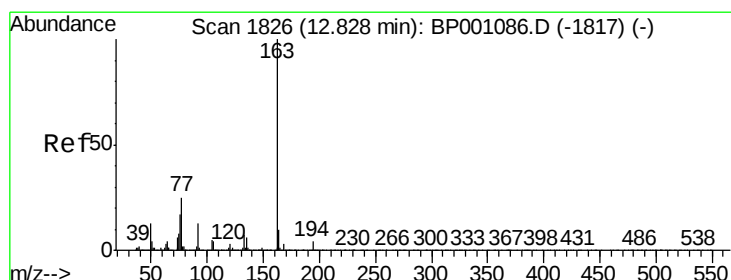
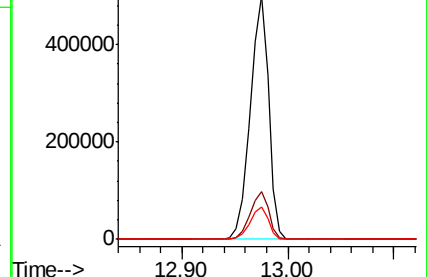
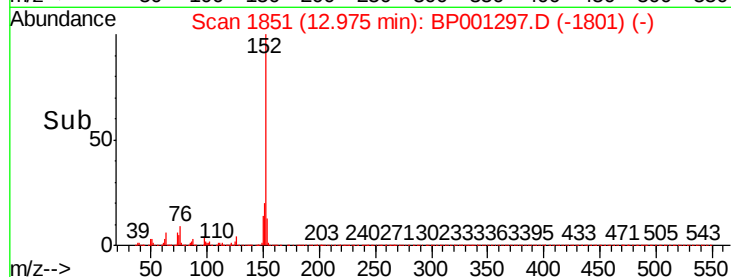
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.005 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

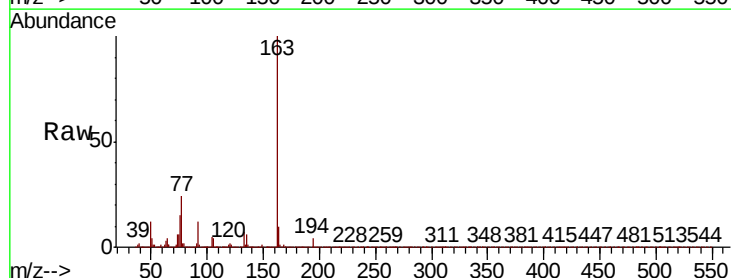
Tgt Ion:163 Resp: 489971

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

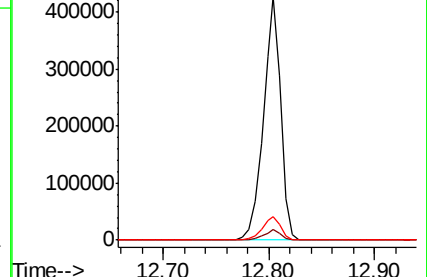
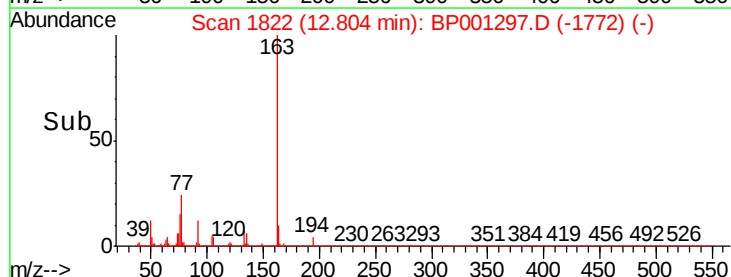
164 9.7 8.2 12.4

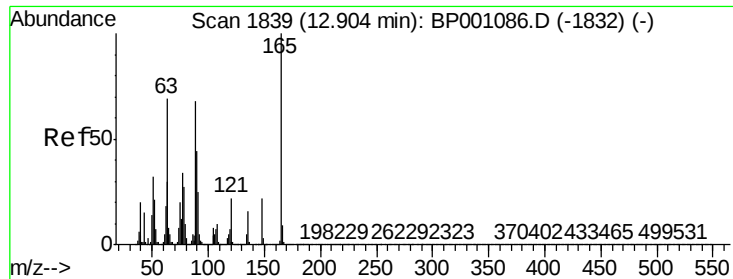


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

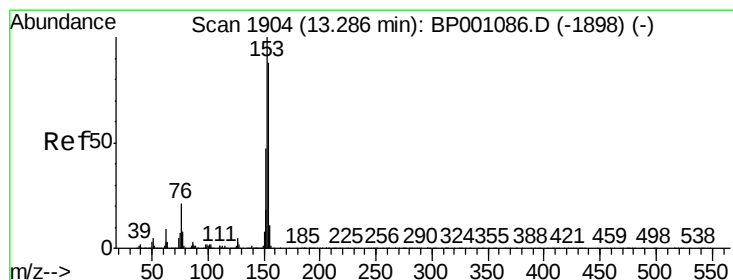
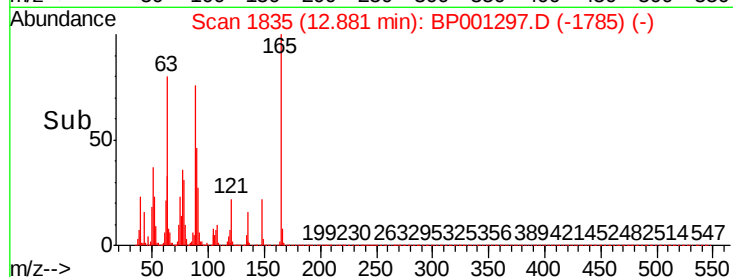
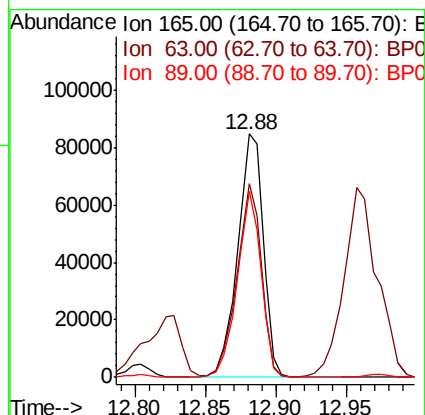
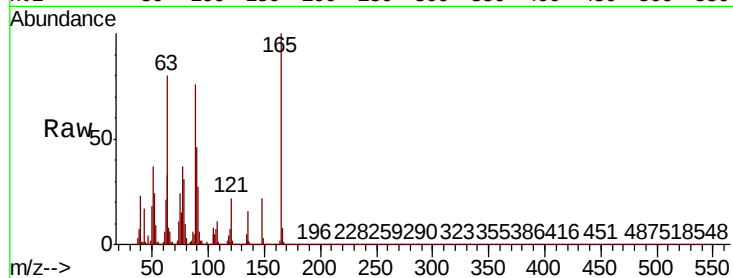




#51
 2,6-Dinitrotoluene
 Concen: 43.760 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

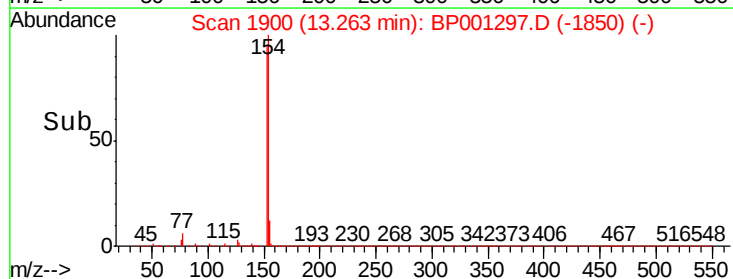
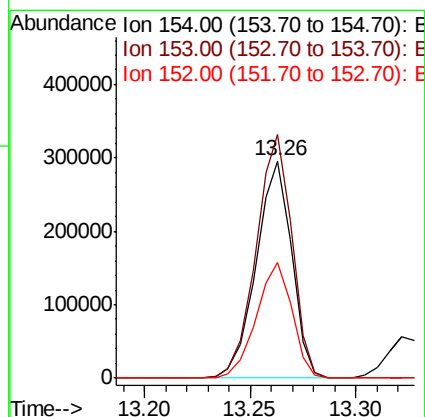
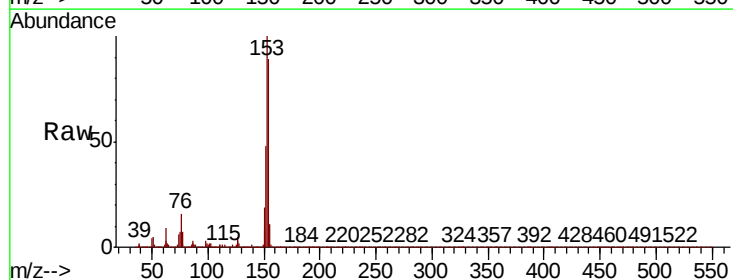
Instrument :
 BNA_P
 ClientSampleId :

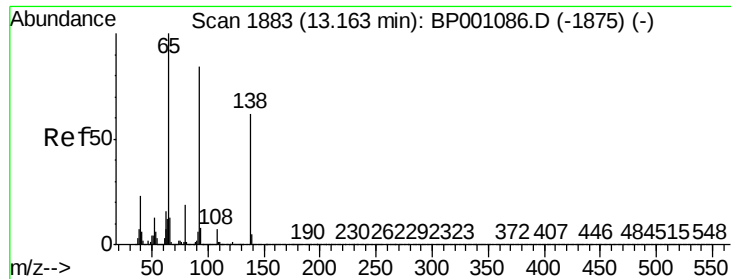
Tot Ion	Ratio	Lower	Upper
165	100		
63	79.8	64.1	96.1
89	76.3	61.8	92.6



#52
 Acenaphthene
 Concen: 40.703 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.3	135.5
152	53.5	42.9	64.3

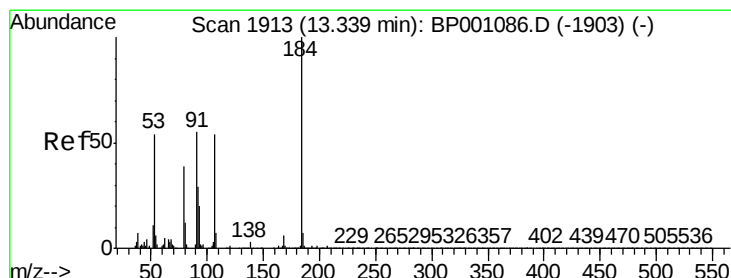
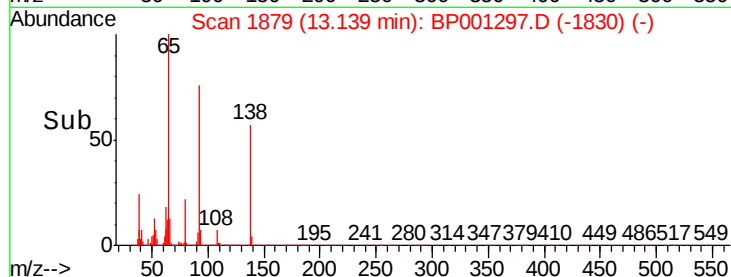
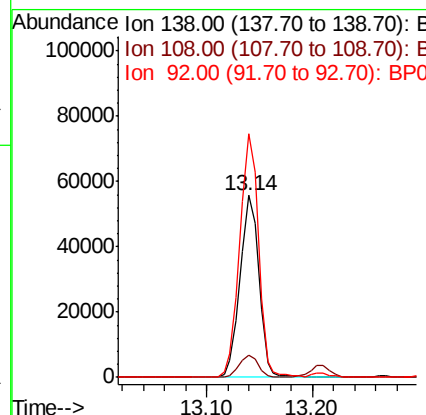
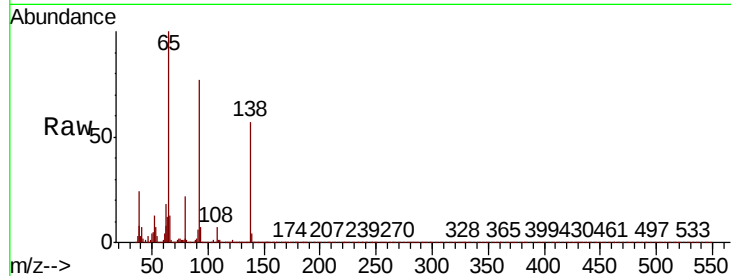




#53
3-Nitroaniline
Concen: 25.014 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

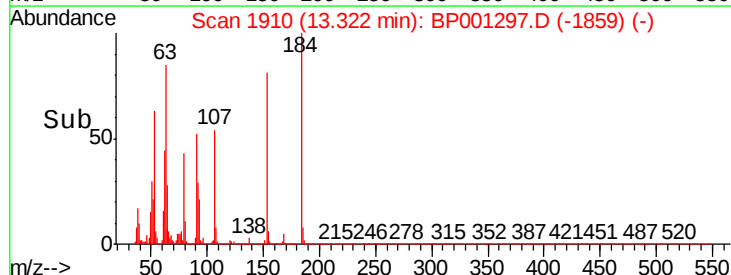
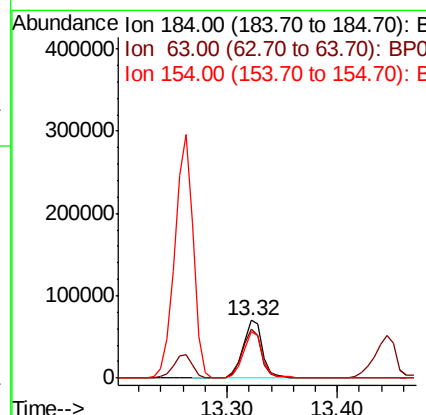
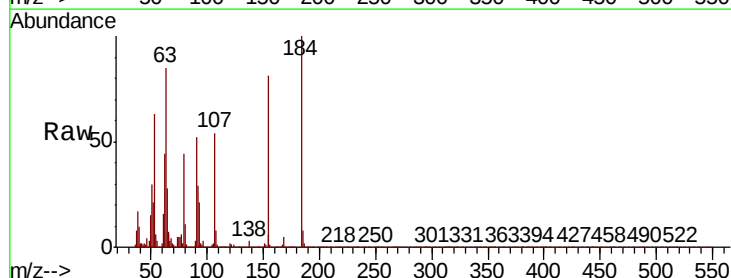
Instrument :
BNA_P
ClientSampled :

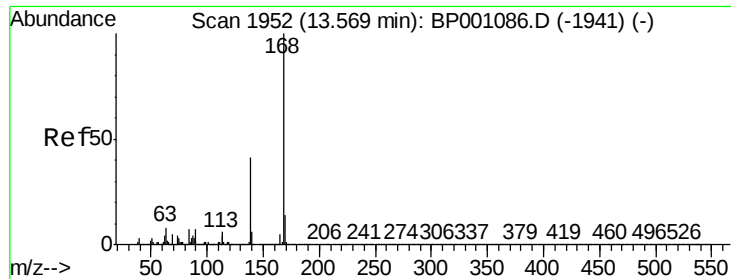
Tot Ion:138 Resp: 68531
Ion Ratio Lower Upper
138 100
108 12.3 10.1 15.1
92 133.9 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 87.500 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:184 Resp: 87897
Ion Ratio Lower Upper
184 100
63 85.1 69.4 104.0
154 80.8 57.4 86.2





#55

Dibenzofuran

Concen: 44.416 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

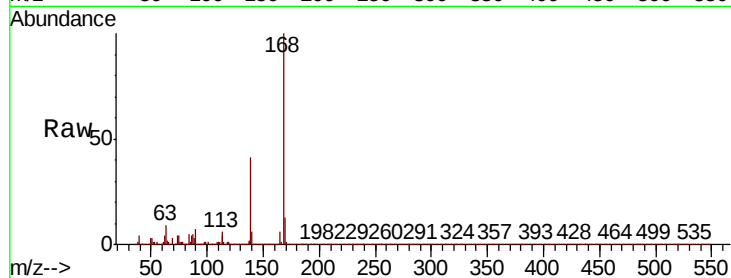
Tot Ion:168 Resp: 565948

Ion Ratio Lower Upper

168 100

139 41.5 34.5 51.7

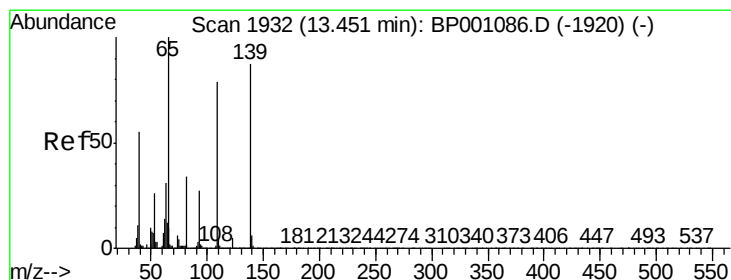
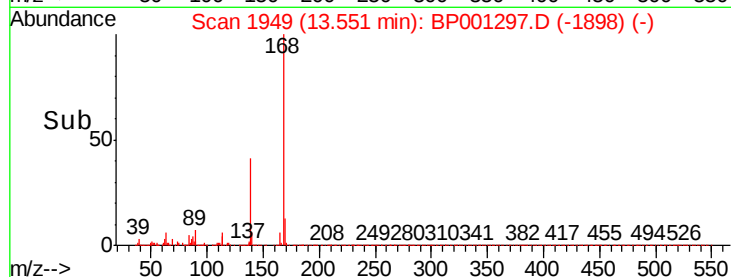
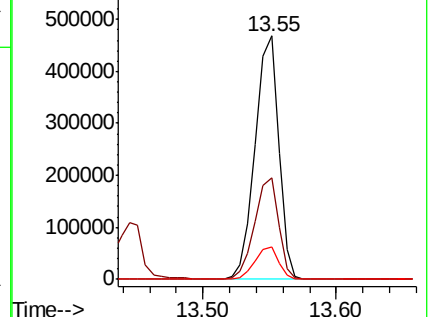
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.187 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

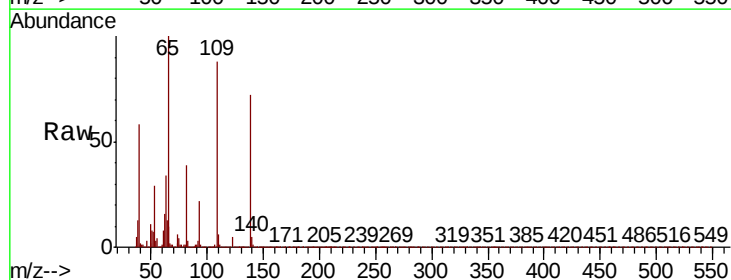
Tgt Ion:139 Resp: 155674

Ion Ratio Lower Upper

139 100

109 121.8 87.8 127.8

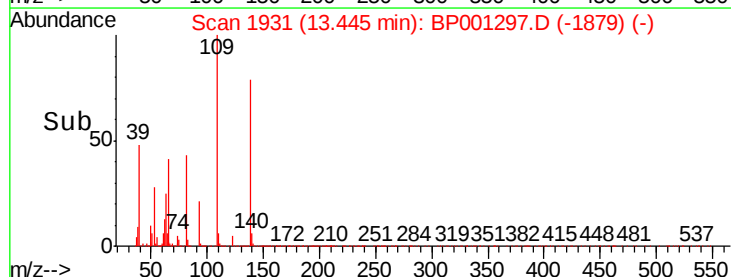
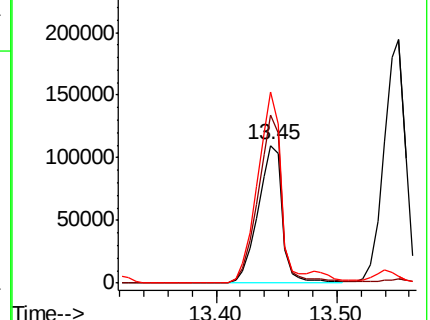
65 138.7 111.9 151.9

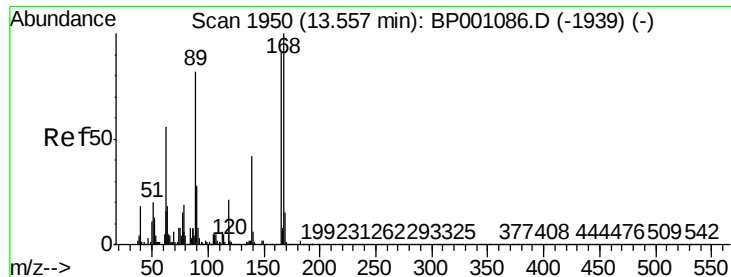


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

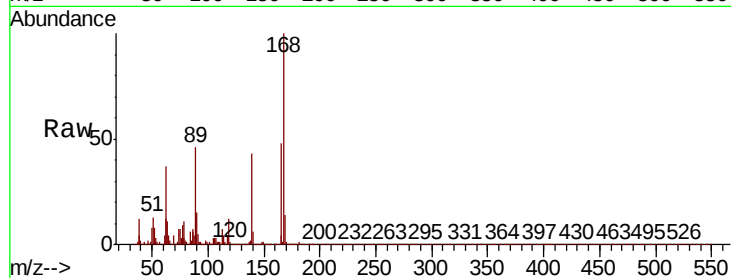




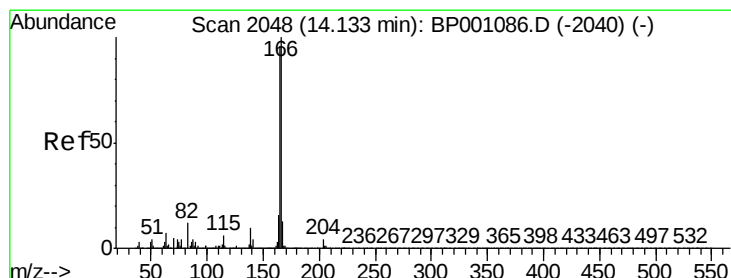
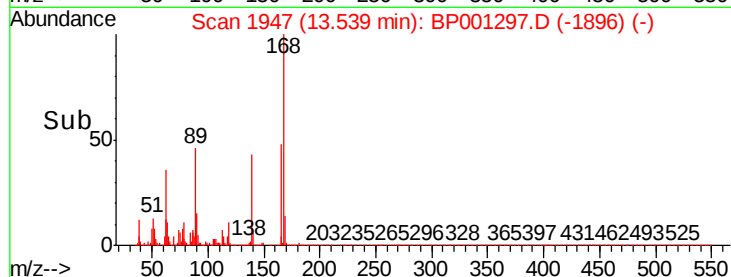
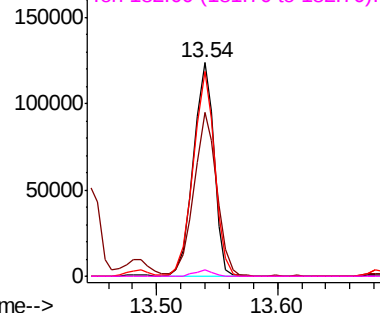
#57
2,4-Dinitrotoluene
Concen: 47.287 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 144560
Ion Ratio Lower Upper
165 100
63 76.5 58.3 87.5
89 95.9 79.8 119.8
182 3.0 2.2 3.2

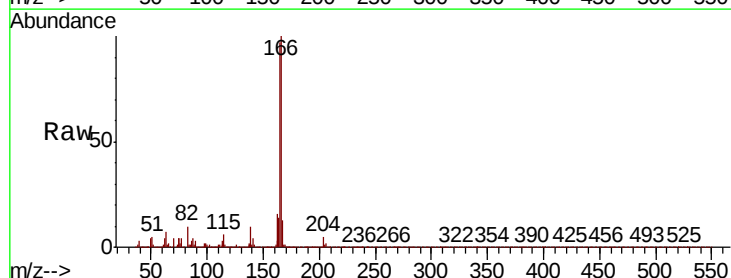


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

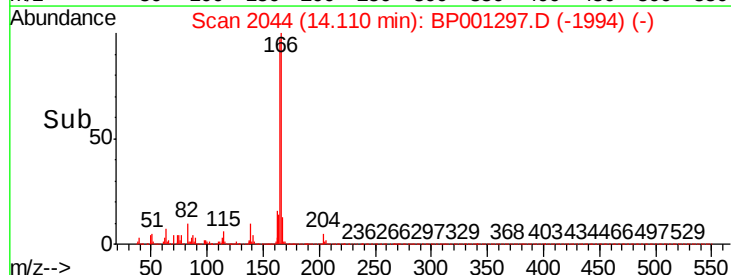
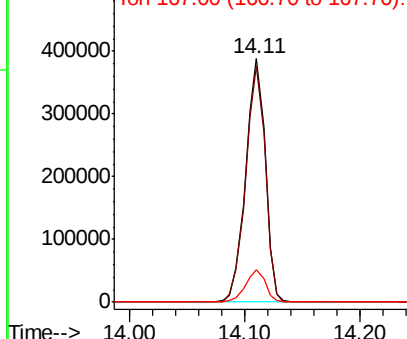


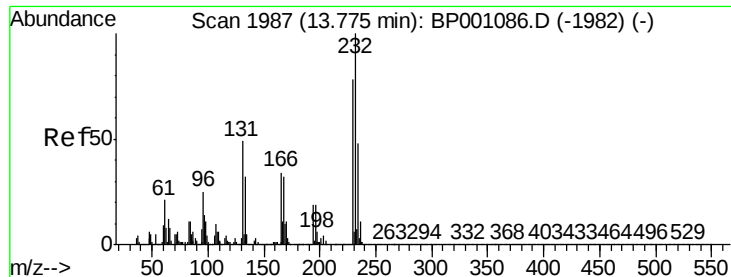
#58
Fluorene
Concen: 44.718 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:166 Resp: 456576
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.4 10.5 15.7



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.640 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 145878

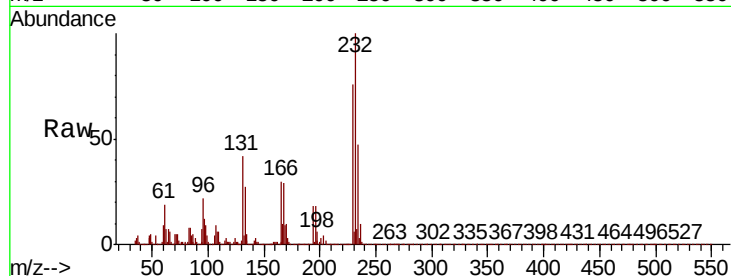
Ion Ratio Lower Upper

232 100

131 44.4 41.4 62.0

130 2.6 2.2 3.4

166 31.4 26.5 39.7

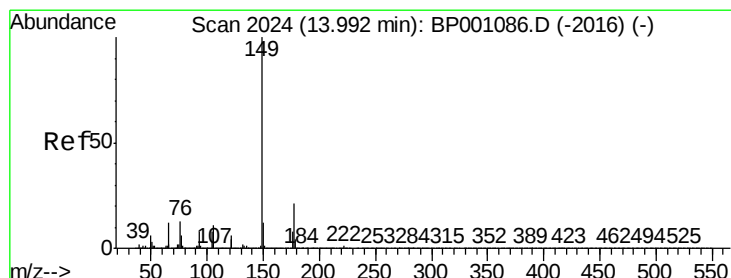
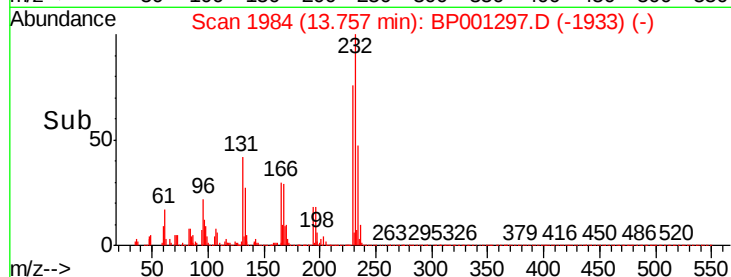
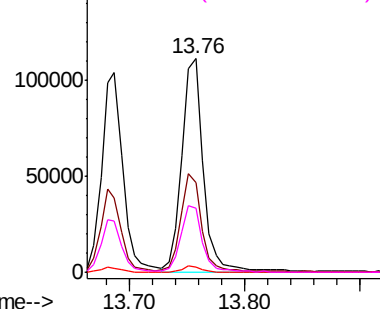


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.903 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

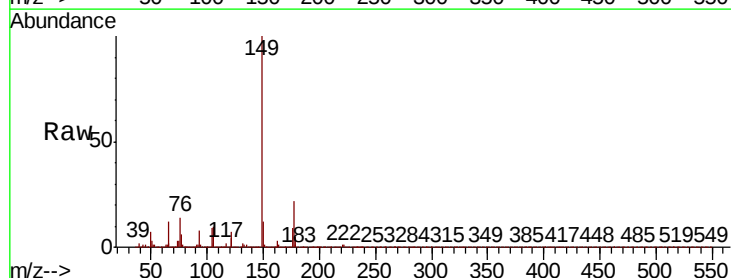
Tgt Ion:149 Resp: 506131

Ion Ratio Lower Upper

149 100

177 22.0 17.0 25.4

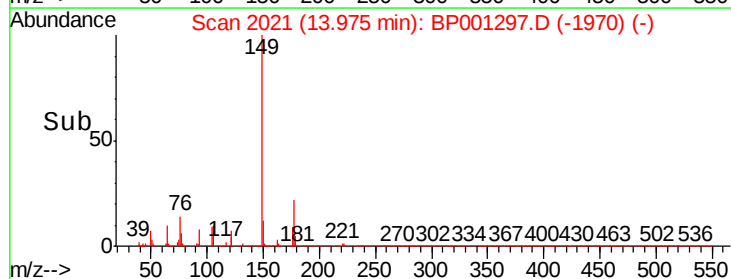
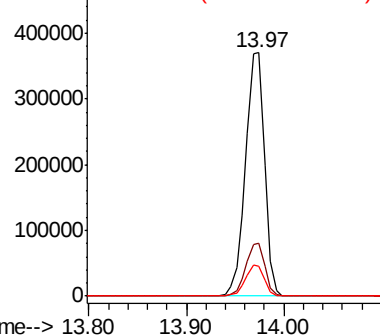
150 12.4 10.2 15.2

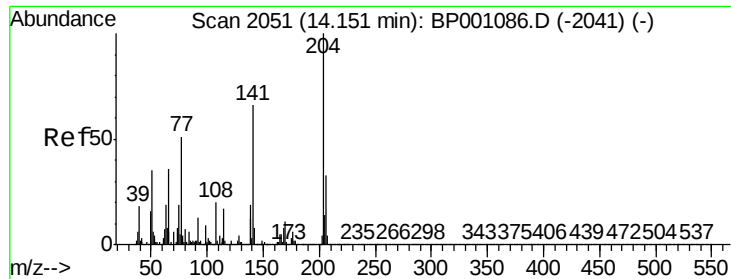


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

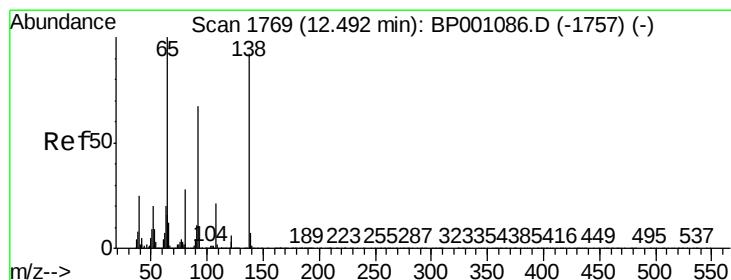
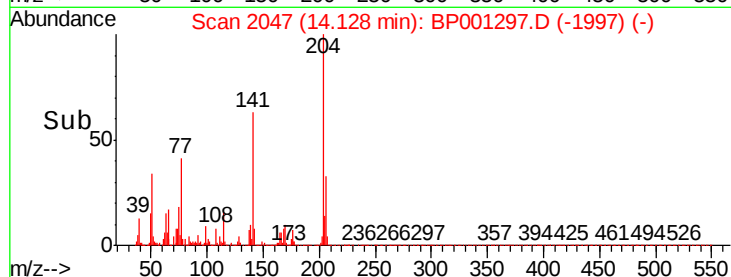
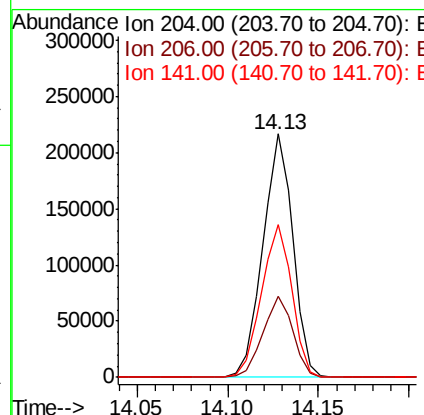
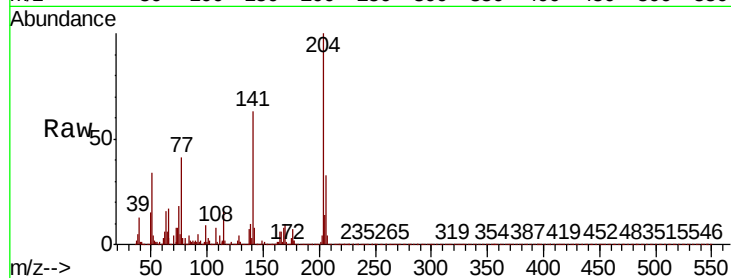




#61
4-Chlorophenyl-phenylether
Concen: 47.740 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

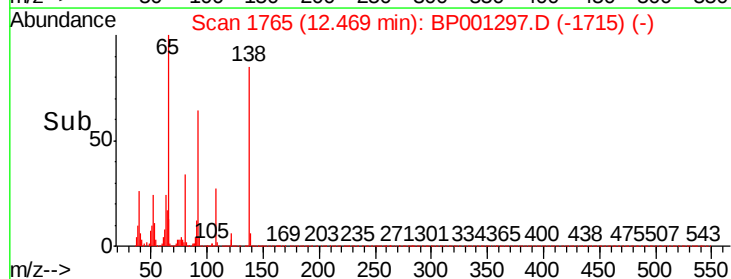
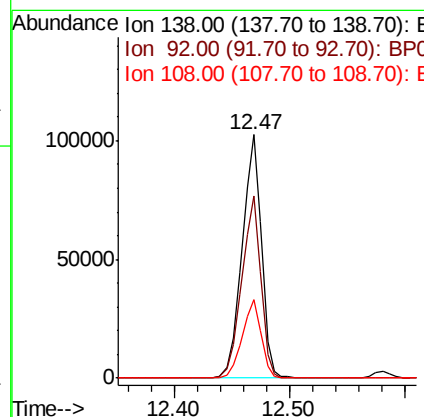
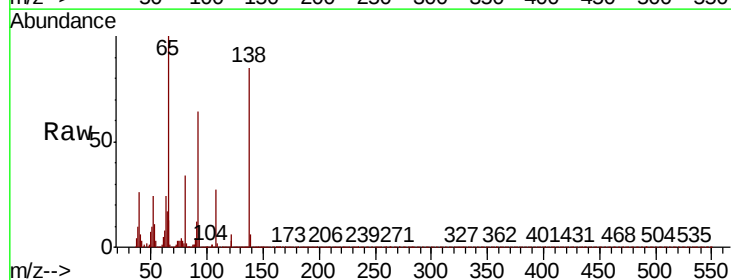
Instrument :
BNA_P
ClientSampled :

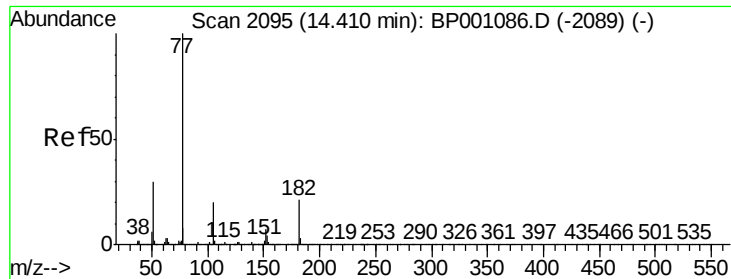
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	62.9	54.9	82.3



#62
4-Nitroaniline
Concen: 37.471 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	74.9	56.3	96.3
108	32.1	8.3	48.3

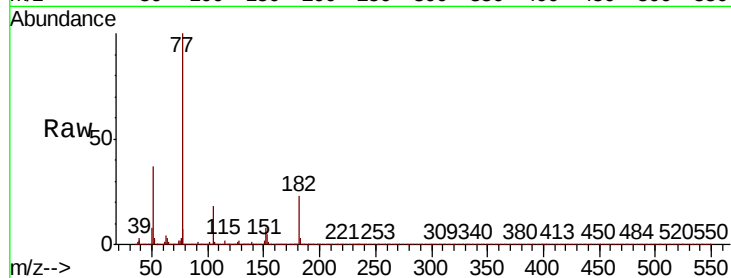




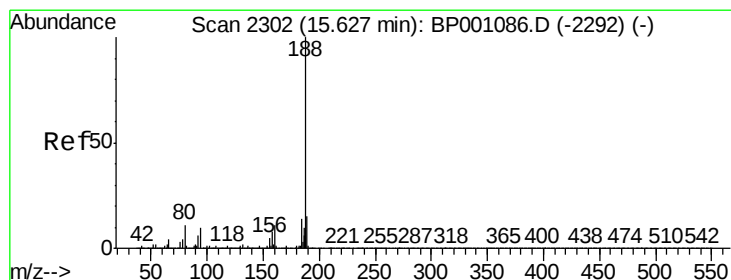
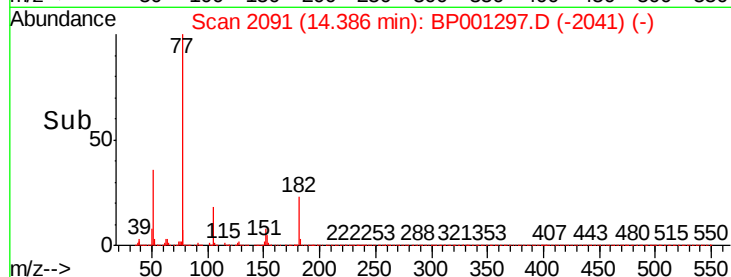
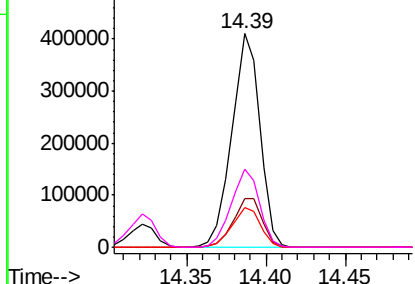
#63
Azobenzene
Concen: 39.265 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	500706
Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.1	41.1
105	18.5	0.0	39.5
51	36.5	13.5	53.5

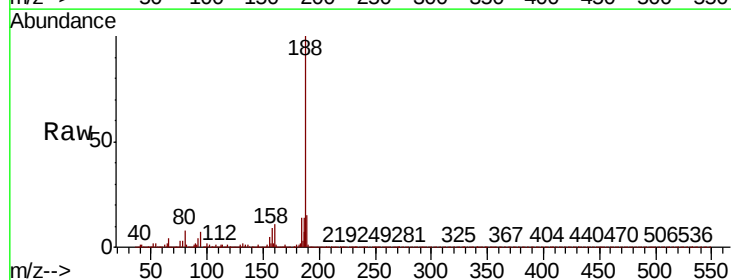


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

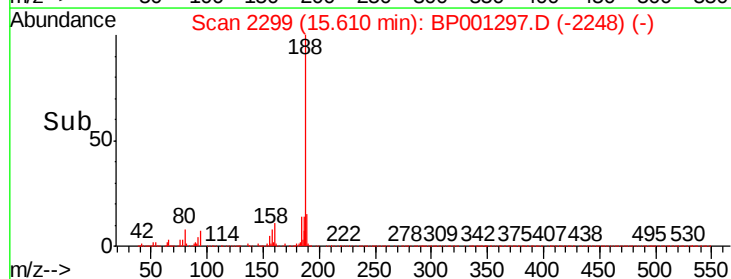
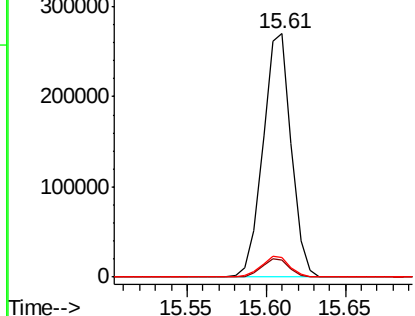


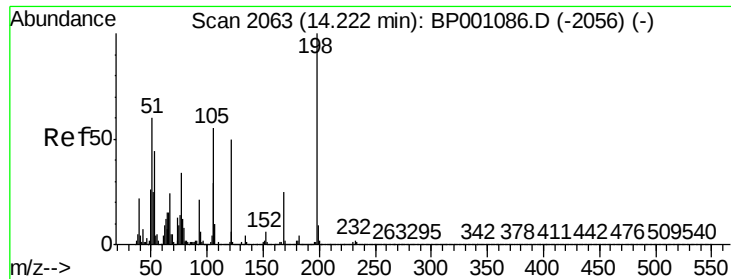
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:	188	Resp:	335054
Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	8.1	7.8	11.6



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

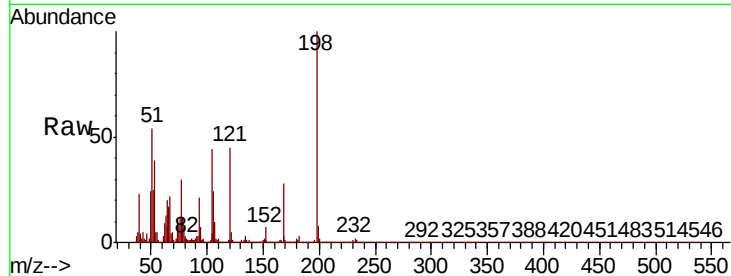




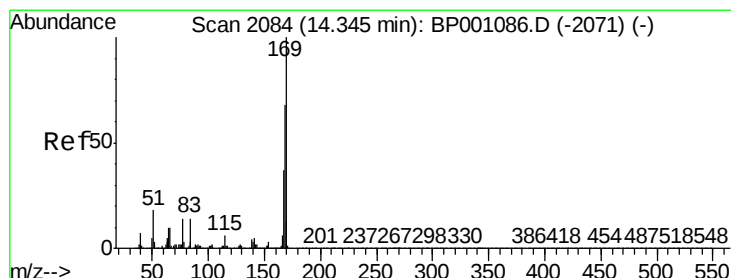
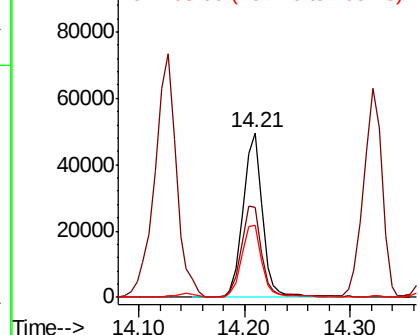
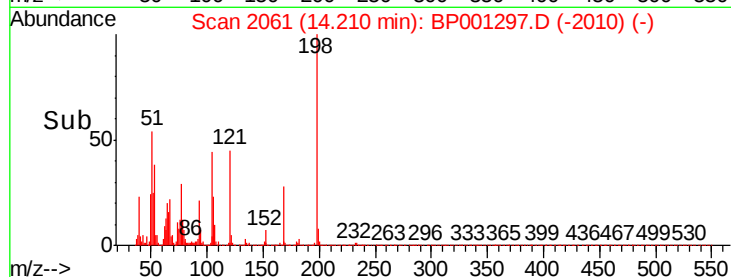
#65
4,6-Dinitro-2-methylphenol
Concen: 43.867 ng
RT: 14.21 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 62143
Ion Ratio Lower Upper
198 100
51 54.3 36.2 76.2
105 43.9 30.2 70.2

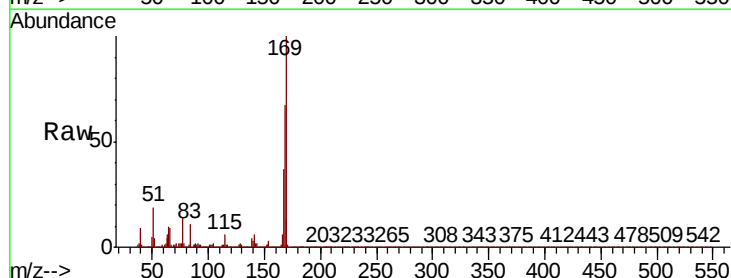


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

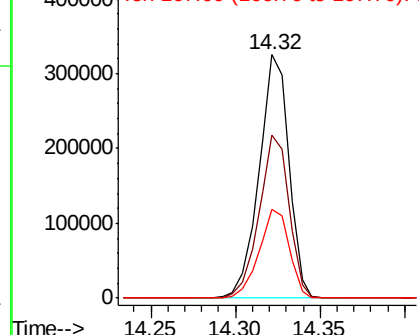
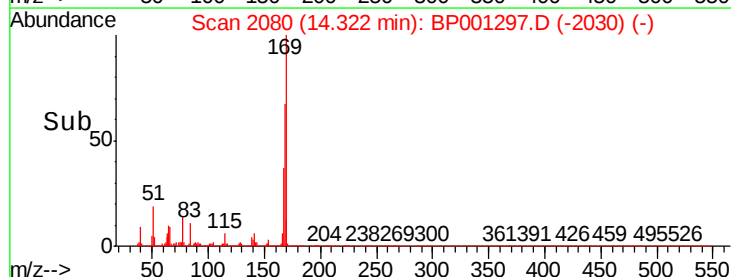


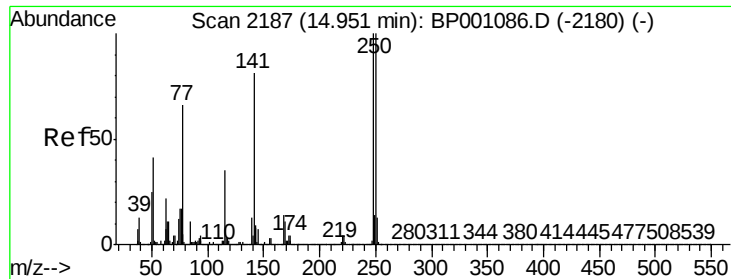
#66
n-Nitrosodiphenylamine
Concen: 39.196 ng
RT: 14.32 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:169 Resp: 399031
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.5 29.1 43.7



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

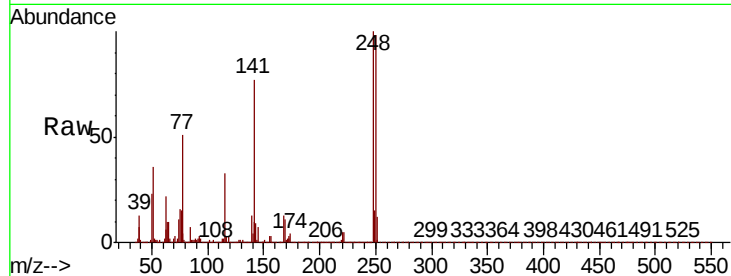




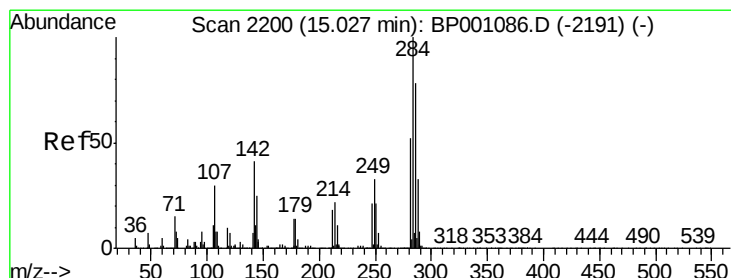
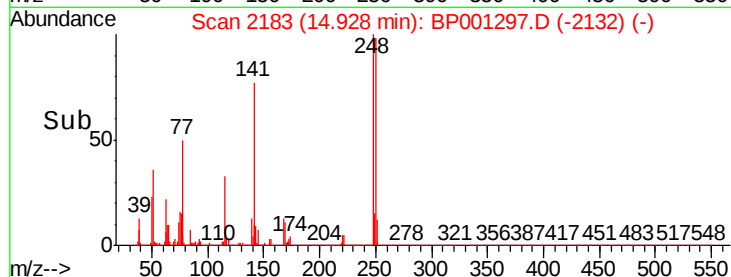
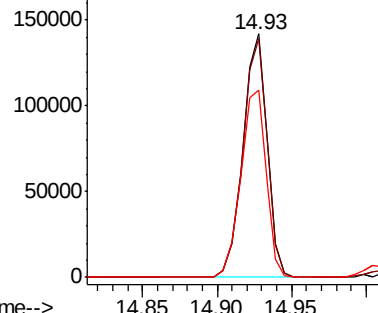
#67
4-Bromophenyl-phenylether
Concen: 43.651 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 158783
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 76.9 74.6 111.8

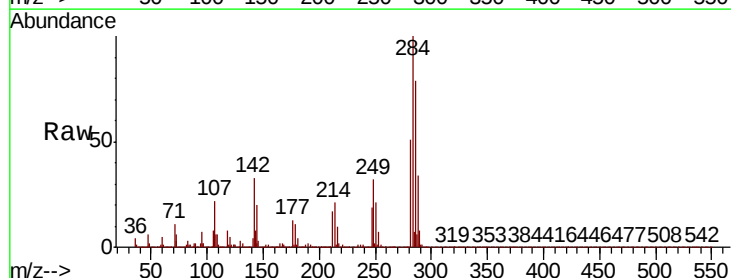


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

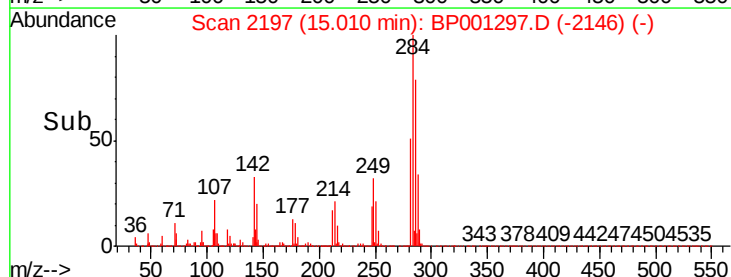
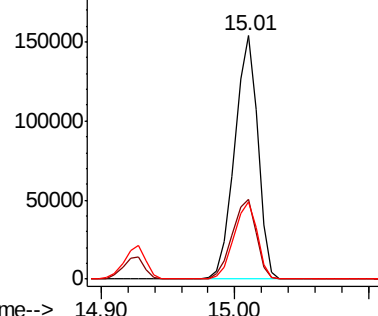


#68
Hexachlorobenzene
Concen: 46.109 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:284 Resp: 184393
Ion Ratio Lower Upper
284 100
142 32.6 35.0 52.6#
249 34.3 27.6 41.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

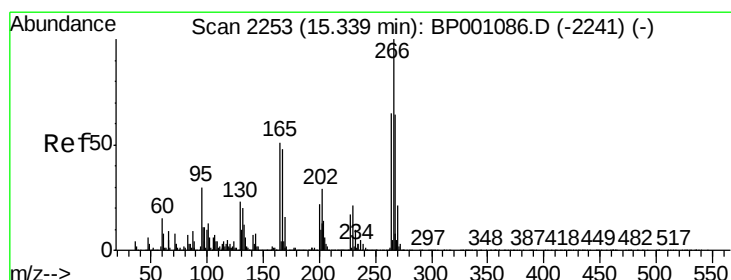
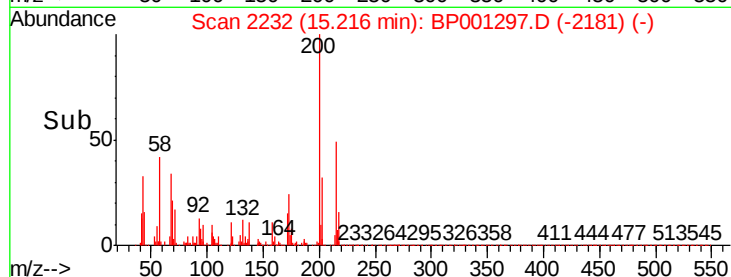
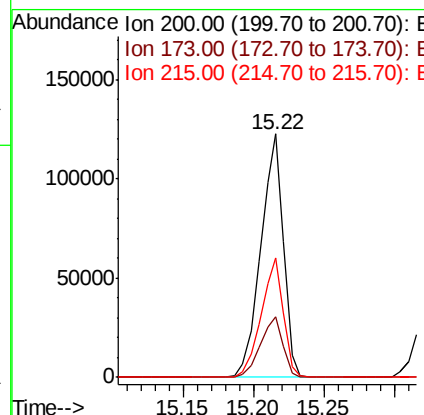
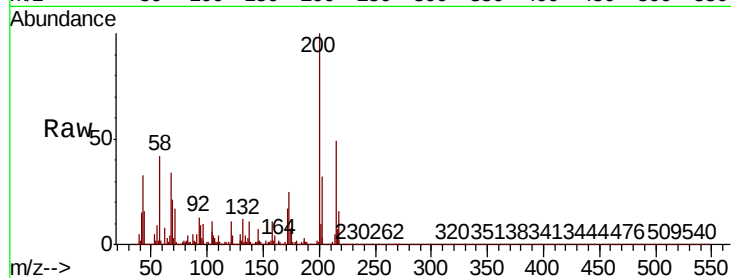




#69
Atrazine
Concen: 44.519 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

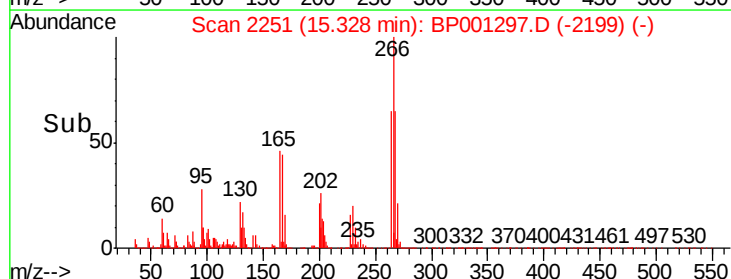
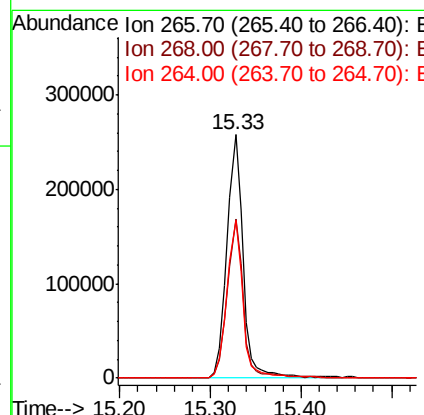
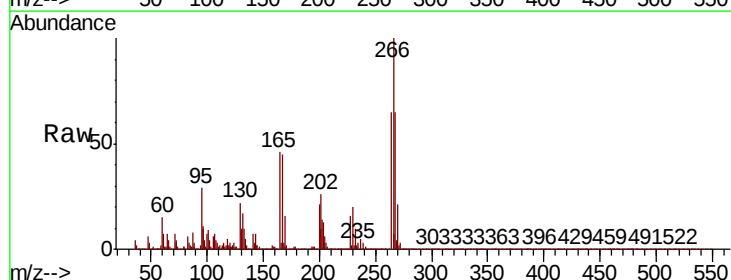
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.4	46.4
215	49.1	27.7	67.7



#70
Pentachlorophenol
Concen: 153.460 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.7	50.6	76.0
264	64.8	49.9	74.9





#71

Phenanthrene

Concen: 39.775 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

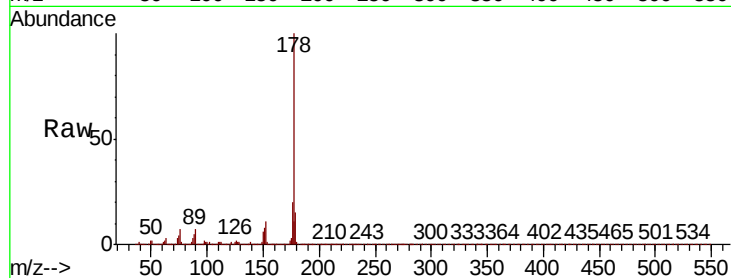
Tot Ion:178 Resp: 700631

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

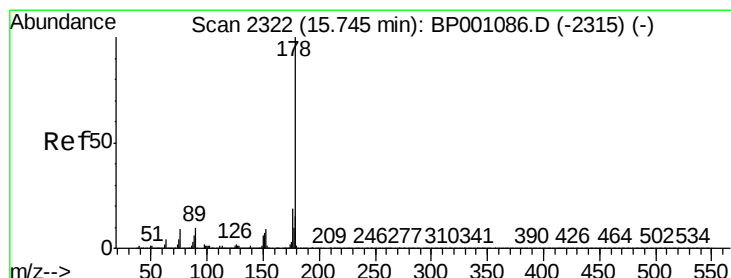
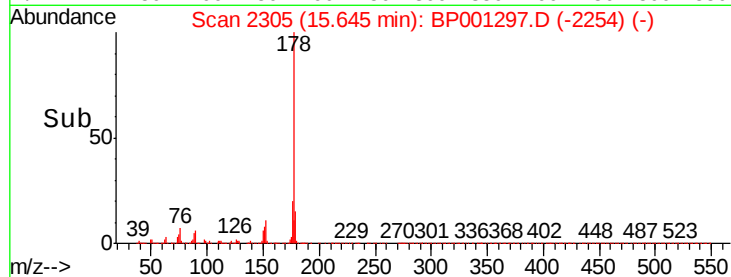
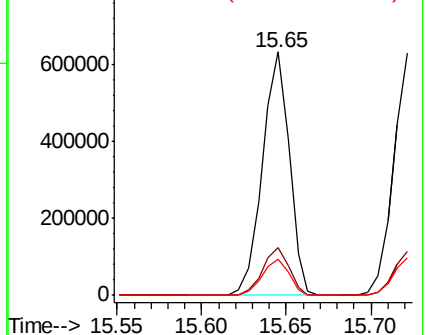
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.313 ng

RT: 15.72 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

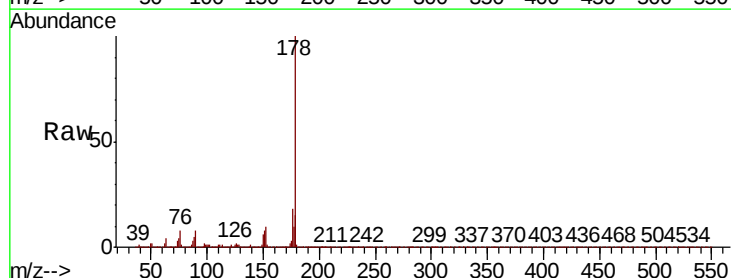
Tgt Ion:178 Resp: 717277

Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

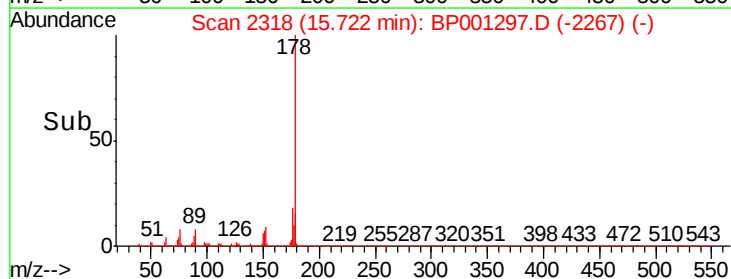
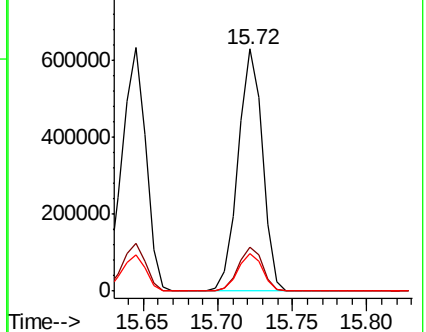
179 15.3 12.7 19.1

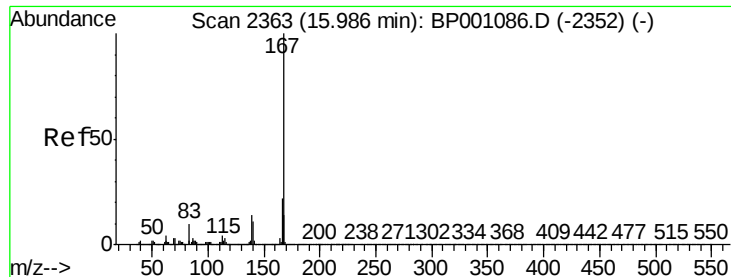


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

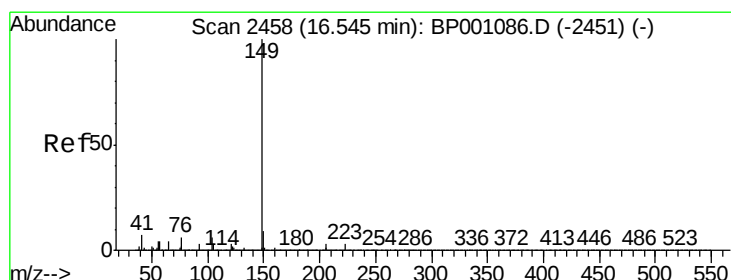
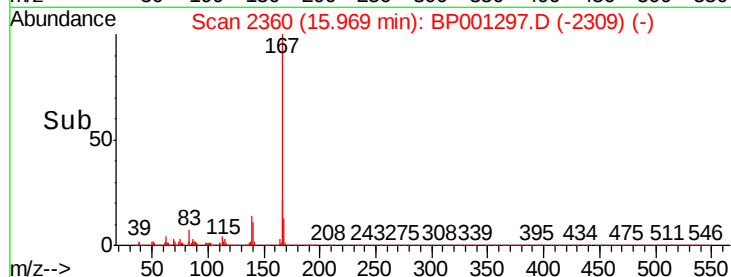
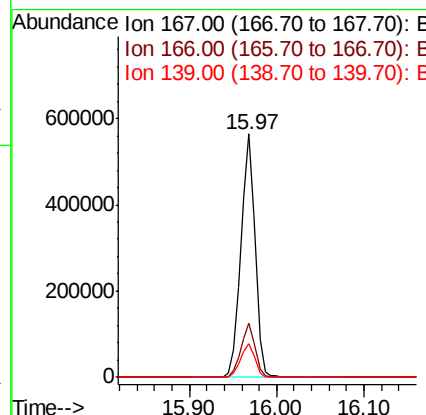
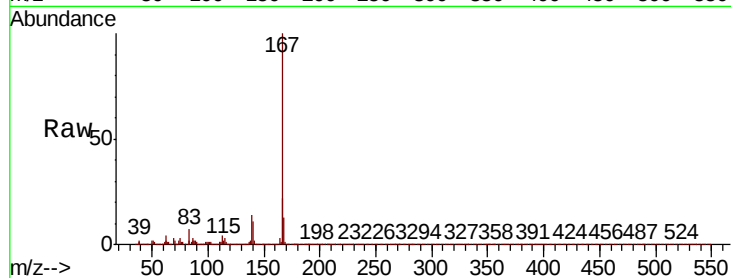




#73
 Carbazole
 Concen: 39.290 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

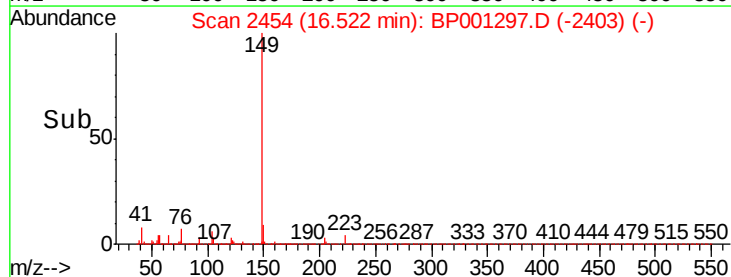
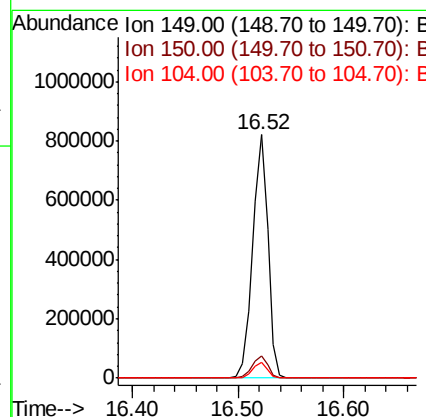
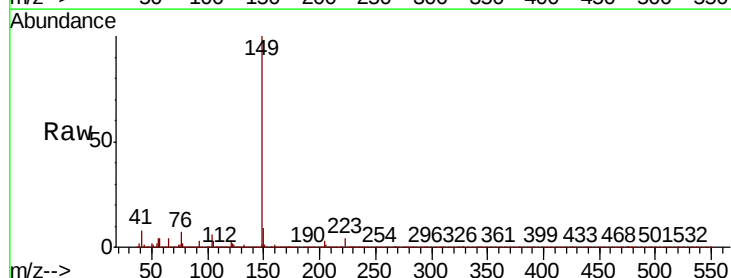
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 38.677 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 43.260 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

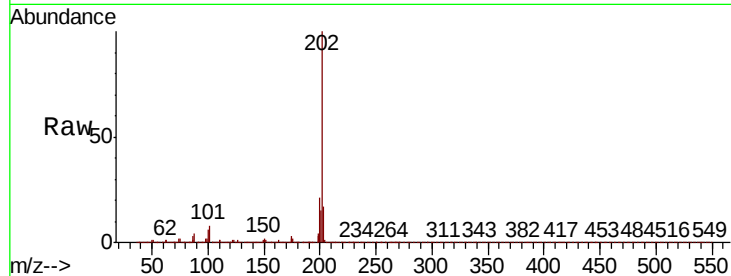
Tot Ion:202 Resp: 806719

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.0

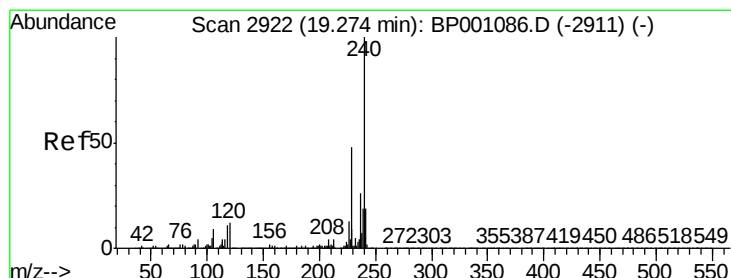
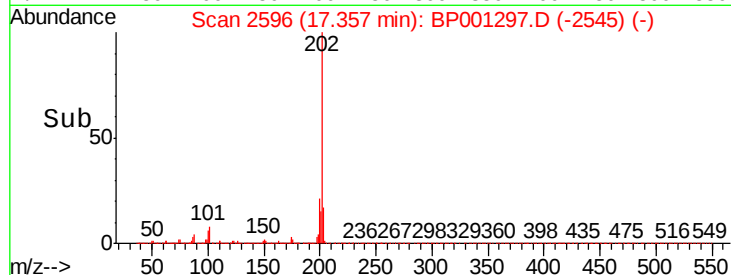
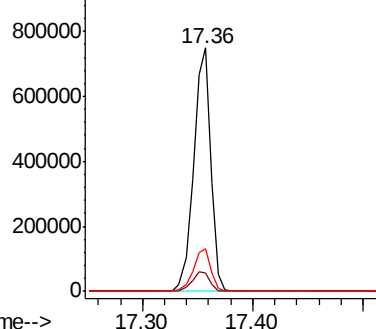
203 17.3 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

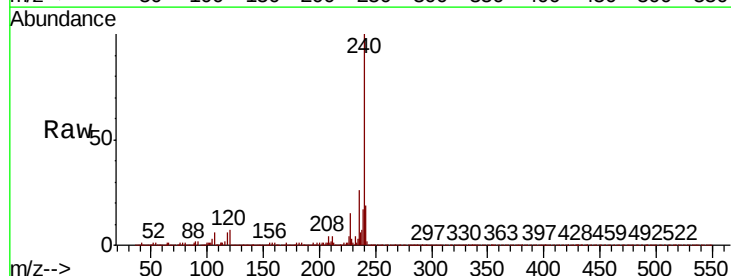
Tgt Ion:240 Resp: 320315

Ion Ratio Lower Upper

240 100

120 6.9 7.0 10.6#

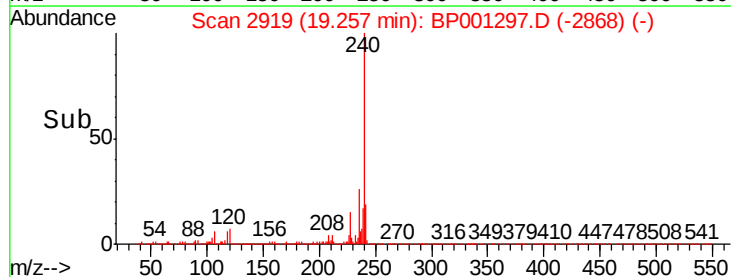
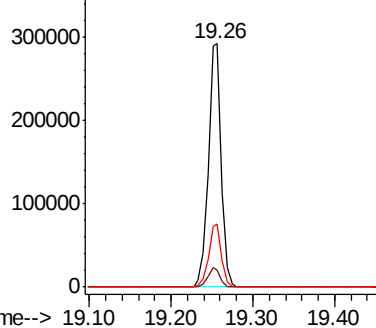
236 25.8 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.711 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

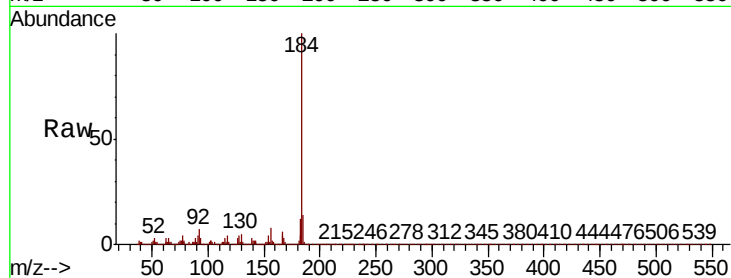
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 237447

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.8	9.0	13.4

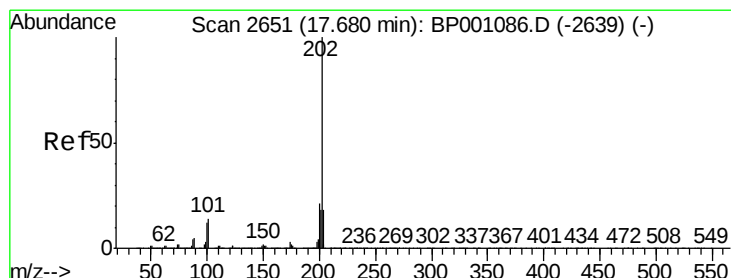
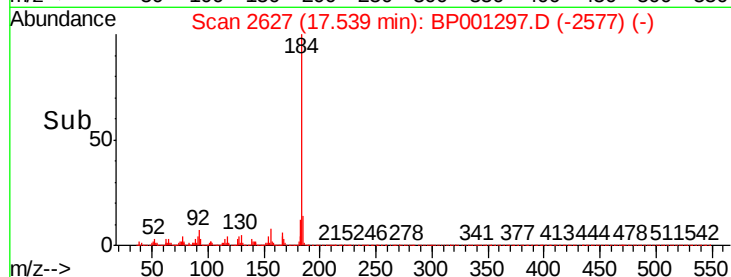
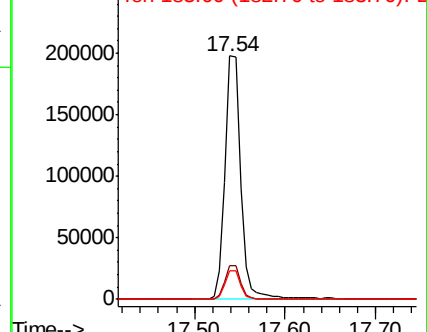


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.298 ng

RT: 17.66 min Scan# 2648

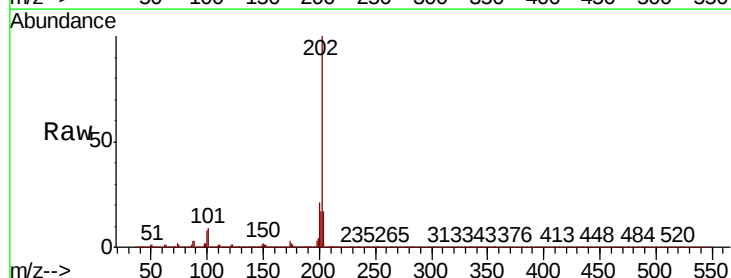
Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Tgt Ion:202 Resp: 814835

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	17.5	13.8	20.8

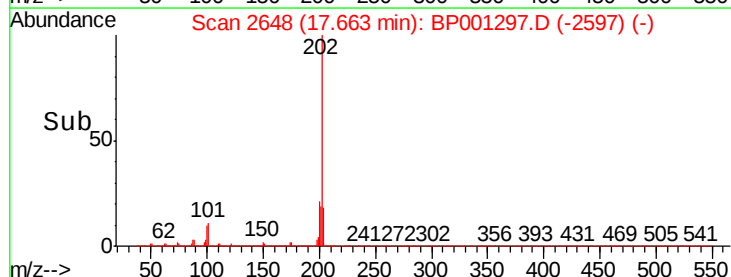
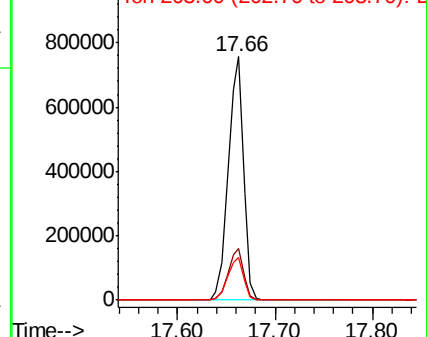


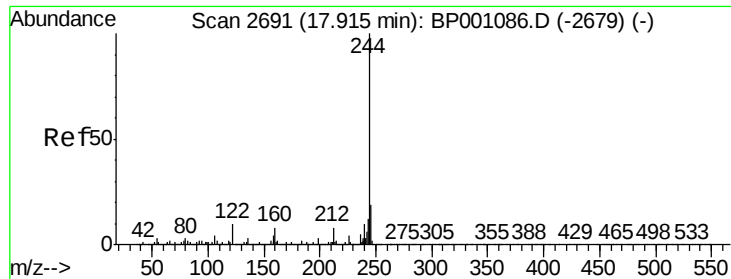
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.588 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

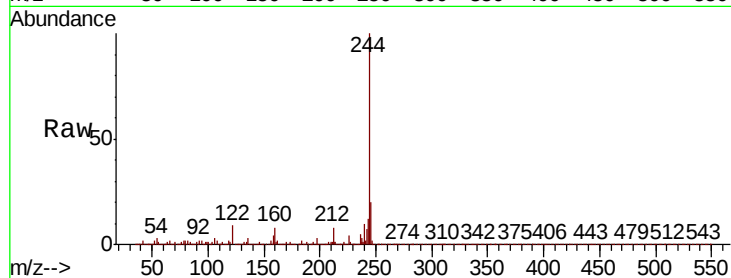
Tot Ion:244 Resp: 1291379

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

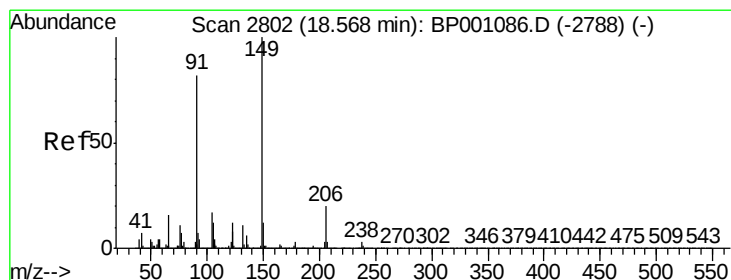
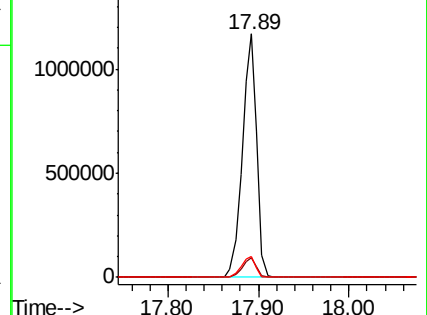
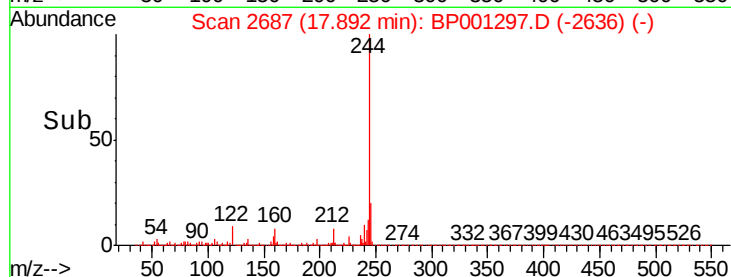
122 8.6 9.2 13.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.820 ng

RT: 18.55 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

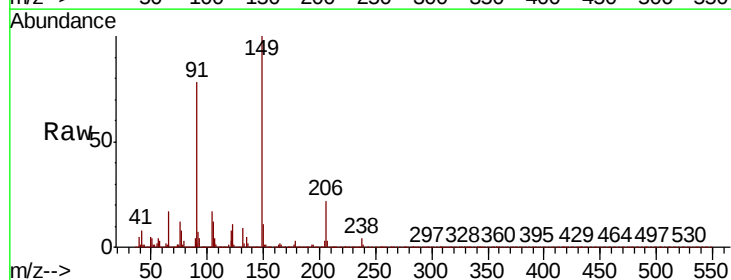
Tgt Ion:149 Resp: 347483

Ion Ratio Lower Upper

149 100

91 78.0 67.4 101.2

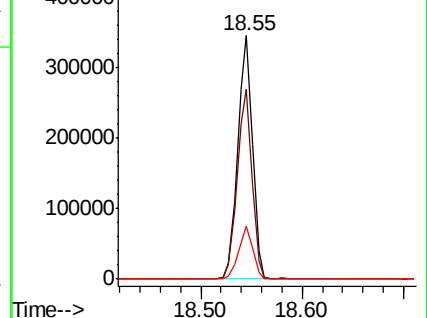
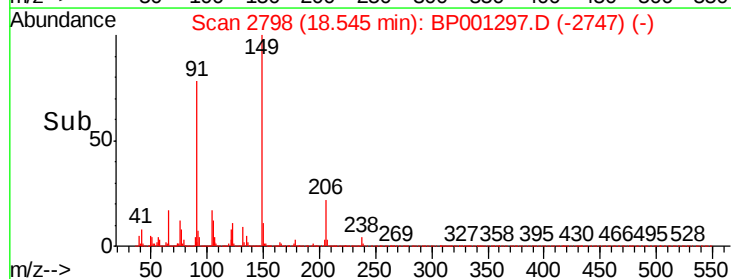
206 22.0 15.0 22.4

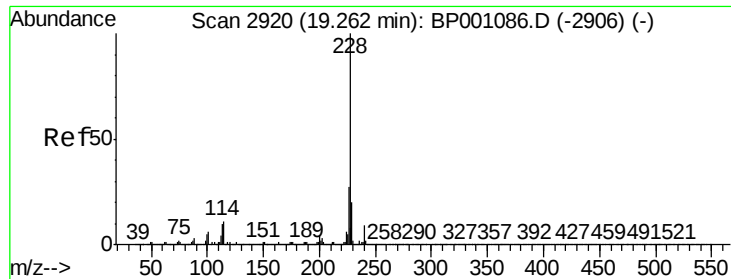


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

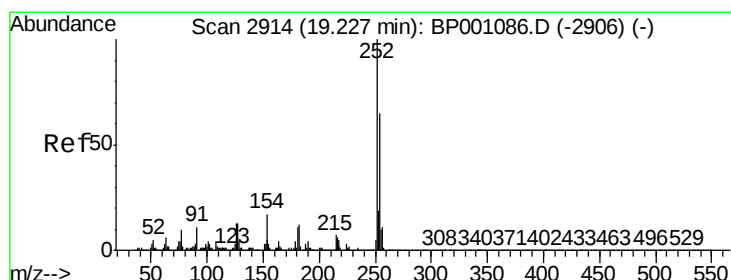
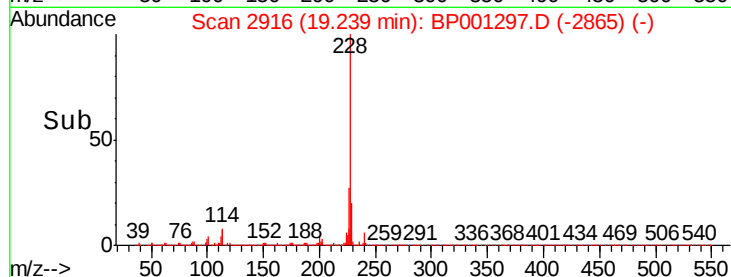
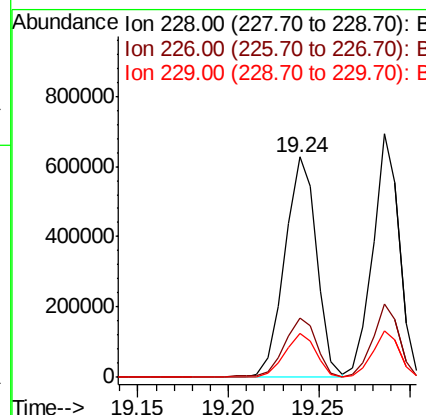
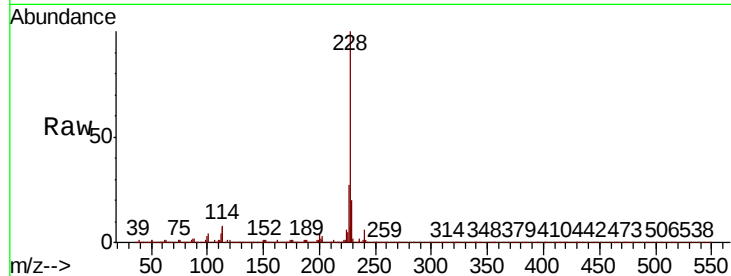




#81
Benzo(a)anthracene
Concen: 34.526 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

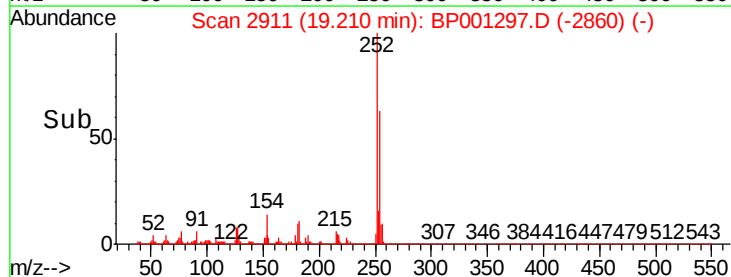
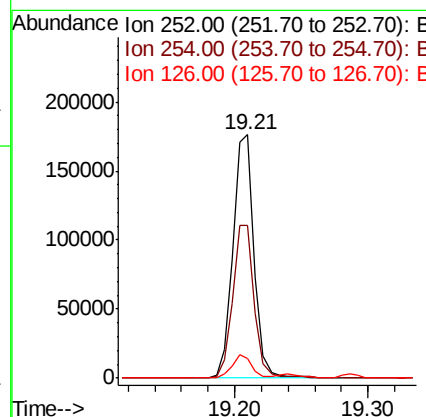
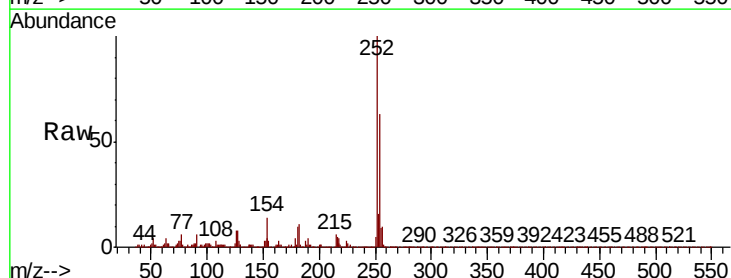
Instrument :
BNA_P
ClientSampled :

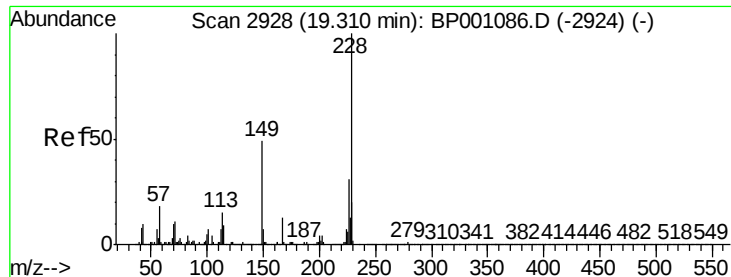
Tot Ion:228 Resp: 766780
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 26.800 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:252 Resp: 196628
Ion Ratio Lower Upper
252 100
254 63.0 52.3 78.5
126 8.1 9.4 14.2#

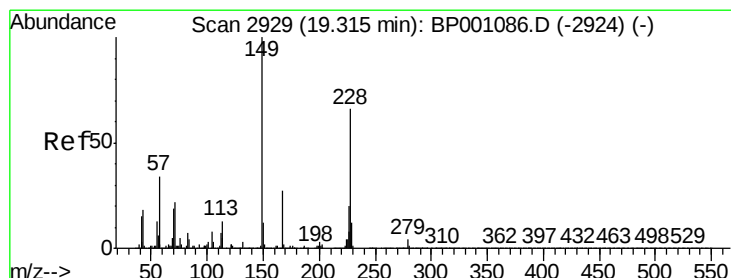
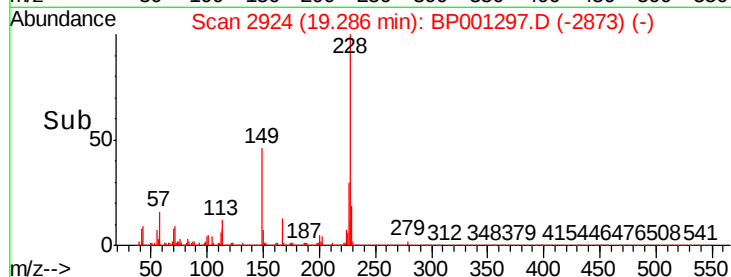
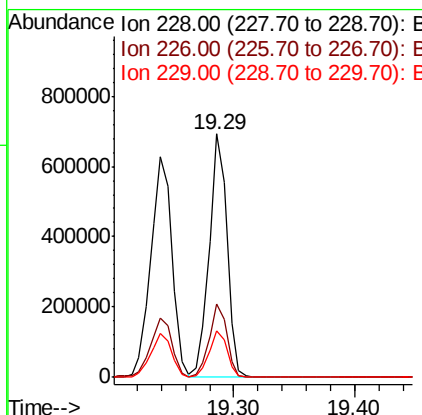
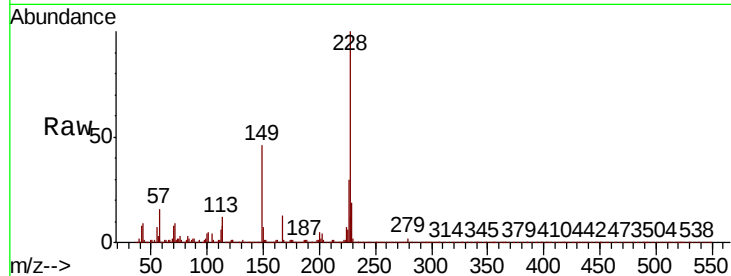




#83
 Chrysene
 Concen: 35.326 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

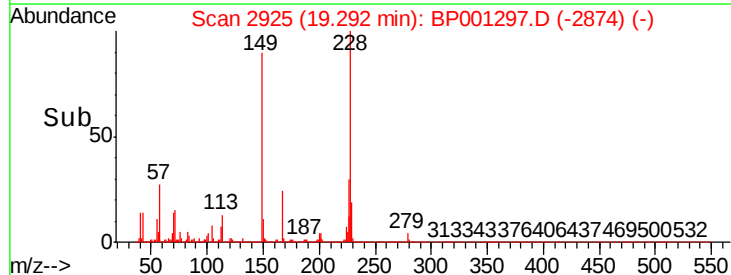
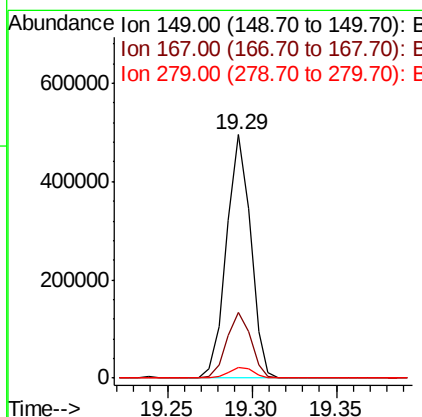
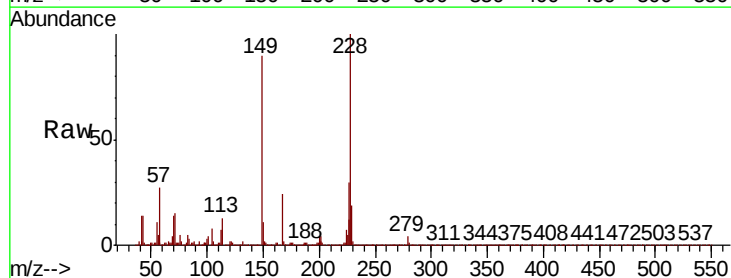
Instrument :
 BNA_P
 ClientSampled :

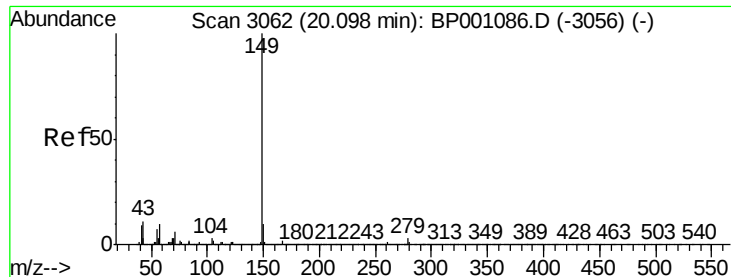
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.3	15.2	22.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.722 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.00 min
 Lab File: BP001297.D
 Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.8	31.2
279	4.3	2.8	4.2#





#85

Di-n-octyl phthalate

Concen: 28.492 ng

RT: 20.07 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

Instrument :

BNA_P

ClientSampleId :

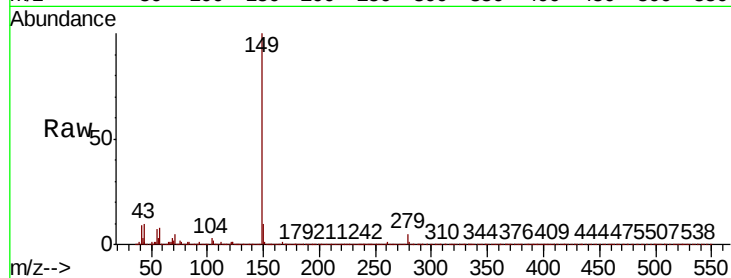
Tot Ion:149 Resp: 810866

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

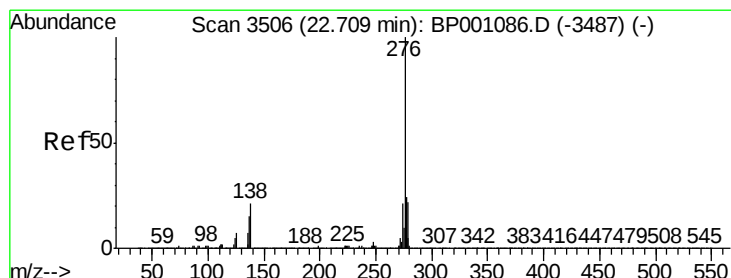
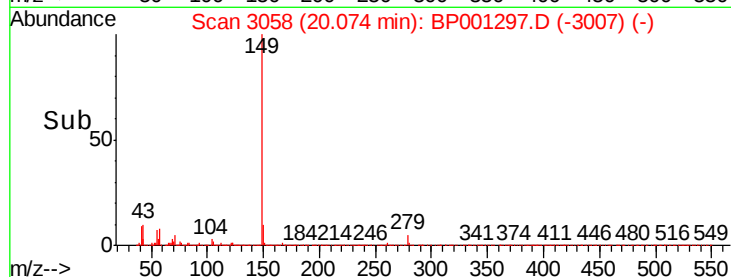
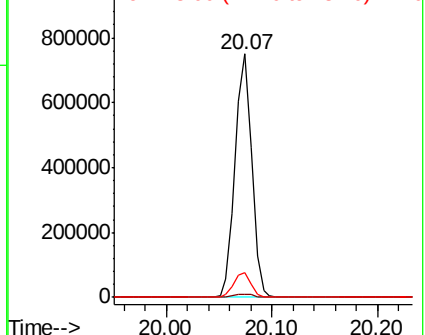
43 10.7 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.988 ng

RT: 22.67 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 16:46

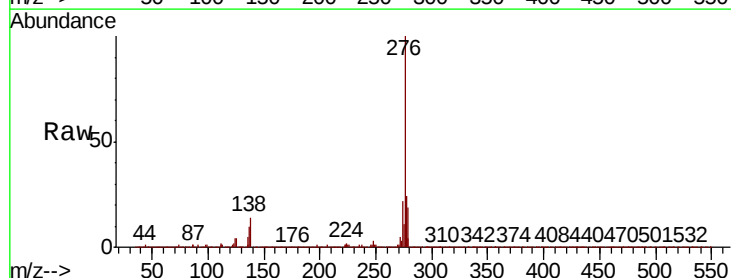
Tgt Ion:276 Resp: 773161

Ion Ratio Lower Upper

276 100

138 16.7 17.9 26.9#

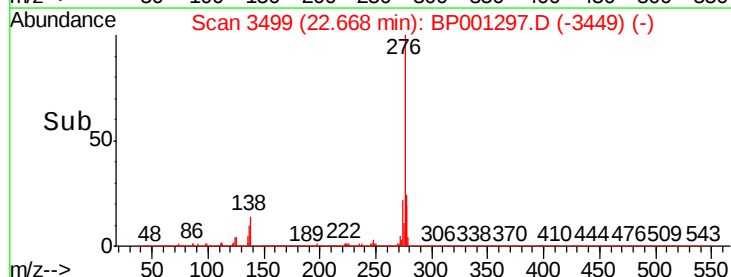
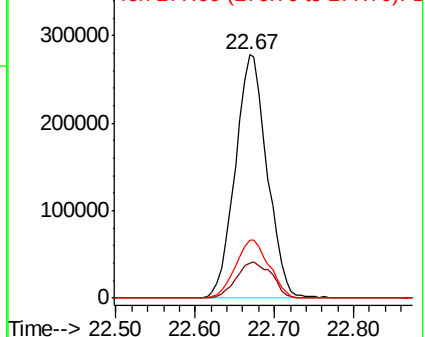
277 25.4 20.1 30.1

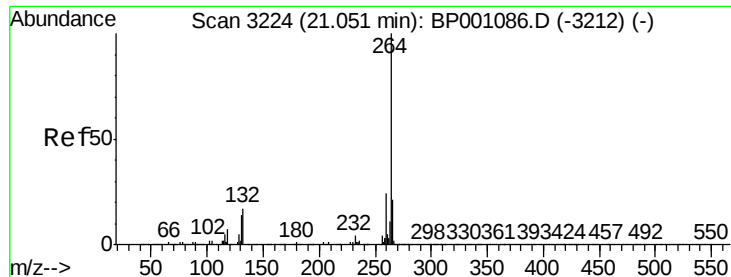


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

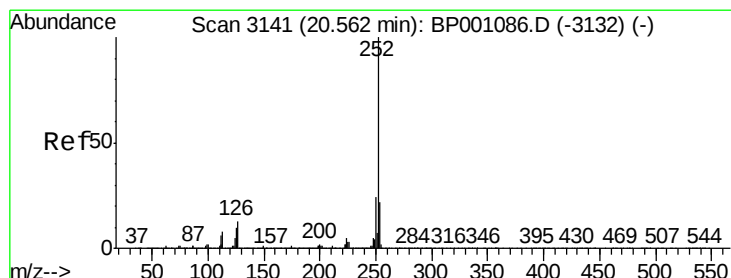
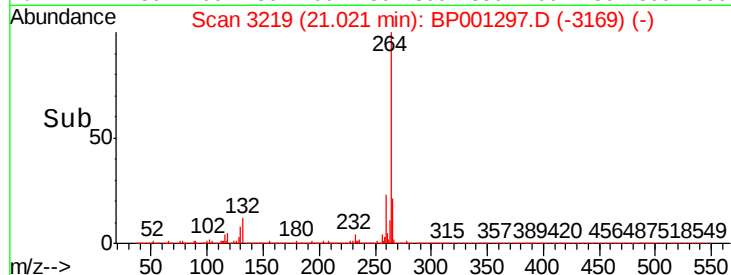
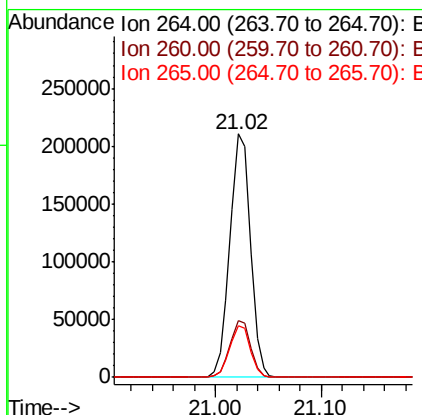
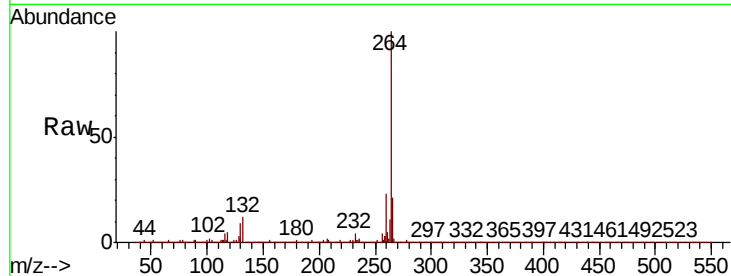




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

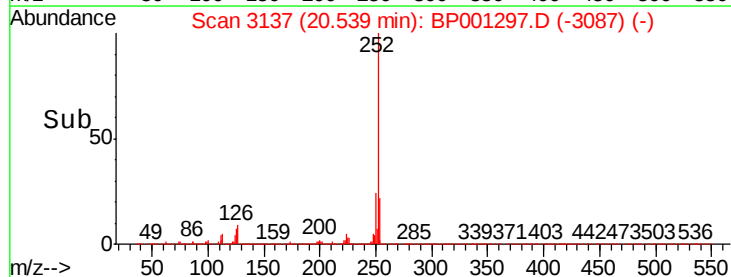
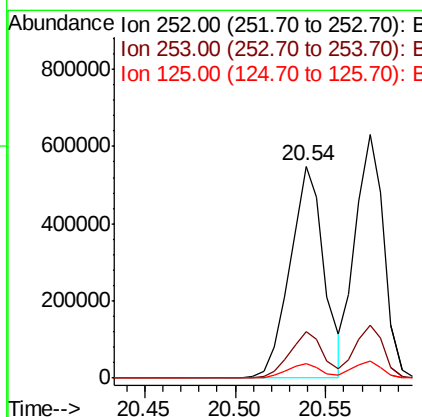
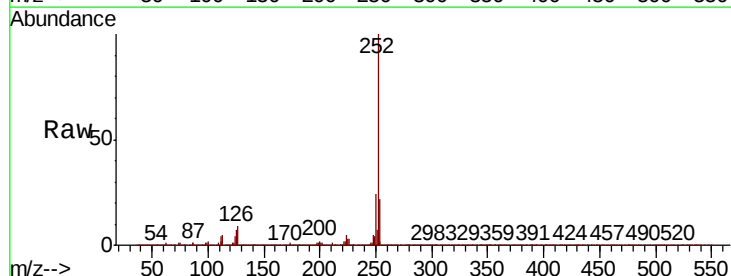
Instrument :
BNA_P
ClientSampled :

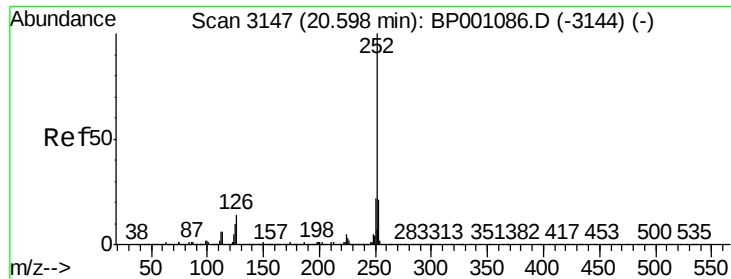
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.5	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 41.580 ng
RT: 20.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	6.7	6.6	9.8

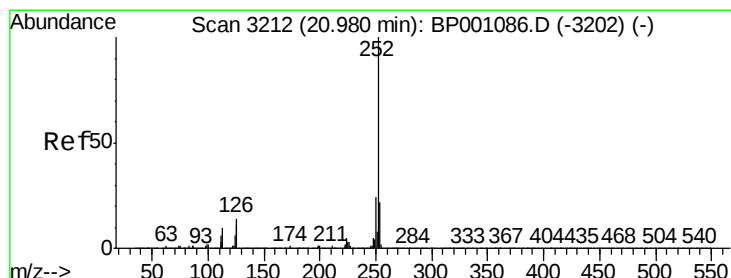
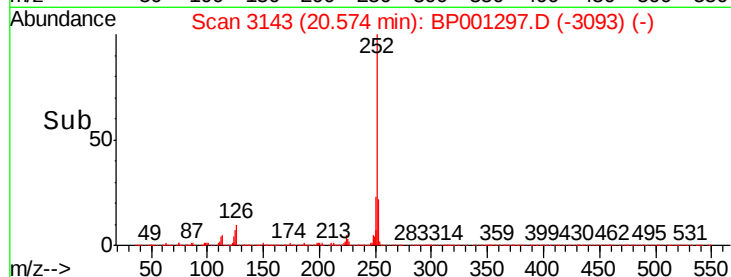
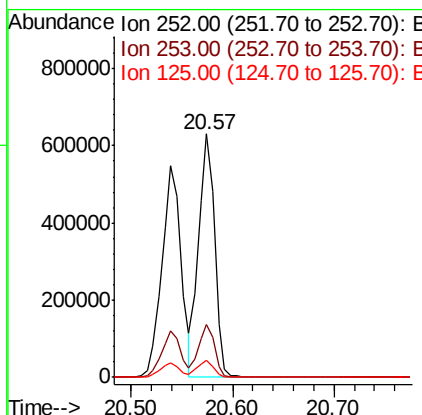
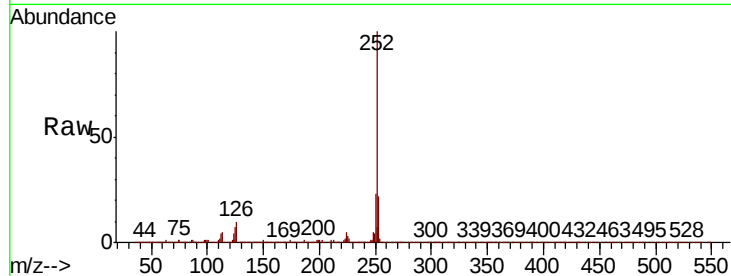




#89
Benzo(k)fluoranthene
Concen: 41.487 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

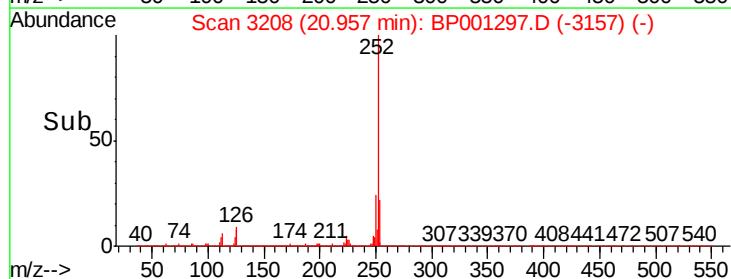
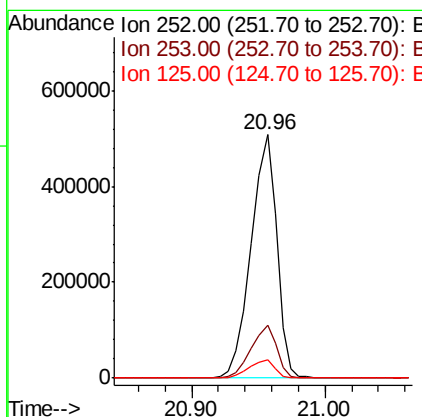
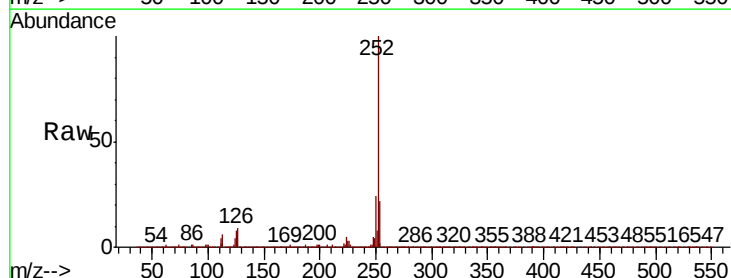
Instrument :
BNA_P
ClientSampleId :

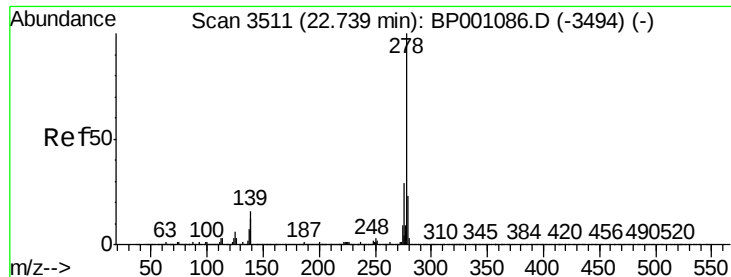
Tot Ion:252 Resp: 693334
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 7.0 6.2 9.4



#90
Benzo(a)pyrene
Concen: 42.063 ng
RT: 20.96 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion:252 Resp: 672258
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 7.6 7.8 11.6#

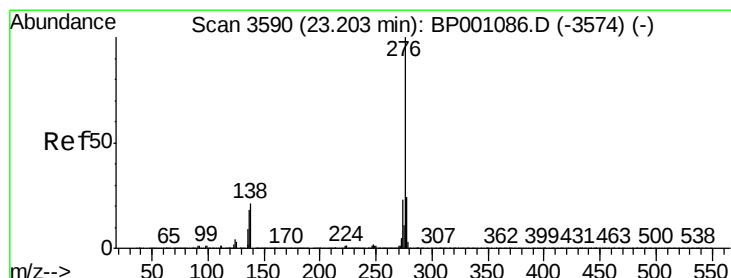
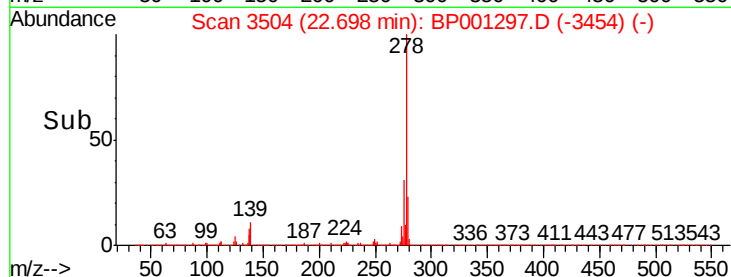
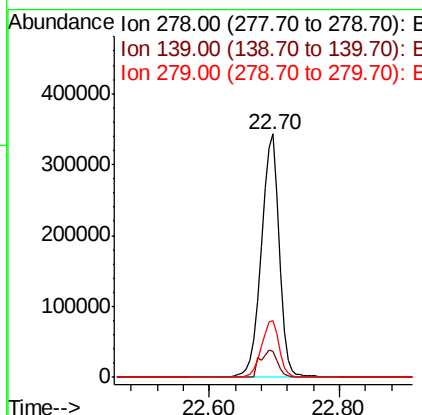
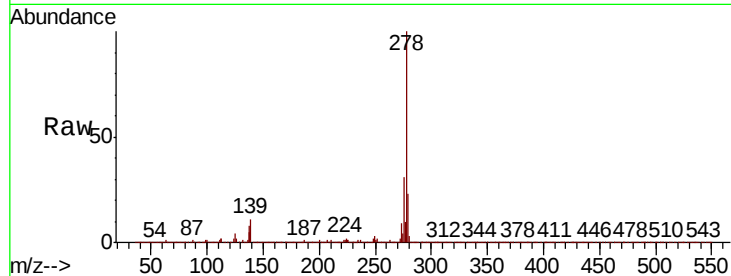




#91
Dibenzo(a,h)anthracene
Concen: 41.751 ng
RT: 22.70 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	11.6	17.4#
279	23.2	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 40.679 ng
RT: 23.16 min Scan# 3583
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	13.3	15.6	23.4#

