

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002347.D
 Acq On : 01 Jun 2020 19:41
 Operator : CG/JU
 Sample : L2798-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 01 23:58:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	292327	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1081481	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	580936	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1208037	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1052522	20.00	ng	0.01
86) Perylene-d12	23.33	264	1186708	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1963168	126.13	ng	0.01
7) Phenol-d6	6.80	99	2545933	120.24	ng	0.01
23) Nitrobenzene-d5	8.76	82	1763915	98.06	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	710399	129.03	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	3269017	99.29	ng	0.00
79) Terphenyl-d14	19.60	244	4099136	94.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	309544	43.248	ng	99
3) Pyridine	3.56	79	723331	35.310	ng	99
4) n-Nitrosodimethylamine	3.48	42	361007	45.752	ng	97
6) Aniline	6.94	93	625573	21.383	ng	96
8) 2-Chlorophenol	7.18	128	804317	45.158	ng	100
9) Benzaldehyde	6.75	77	495640	41.879	ng	99
10) Phenol	6.83	94	1045271	44.865	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	835294	43.065	ng	98
12) 1,3-Dichlorobenzene	7.50	146	890462	43.629	ng	99
13) 1,4-Dichlorobenzene	7.65	146	896387	43.731	ng	97
14) 1,2-Dichlorobenzene	7.96	146	829546	42.331	ng	98
15) Benzyl Alcohol	7.85	79	680735	42.312	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1116223	41.711	ng	99
17) 2-Methylphenol	8.06	107	663220	39.856	ng	99
18) Hexachloroethane	8.68	117	272780	37.184	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	577625	41.139	ng	98
20) 3+4-Methylphenols	8.39	107	870850	38.512	ng	95
22) Acetophenone	8.42	105	1112159	45.041	ng	99
24) Nitrobenzene	8.80	77	890066	45.389	ng	99
25) Isophorone	9.32	82	1611923	43.632	ng	99
26) 2-Nitrophenol	9.50	139	399821	47.857	ng	99
27) 2,4-Dimethylphenol	9.58	122	693518	50.416	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	1012339	45.032	ng	100
29) 2,4-Dichlorophenol	10.05	162	695009	45.849	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	764980	44.814	ng	98
31) Naphthalene	10.43	128	2295916	45.268	ng	99
32) Benzoic acid	9.74	122	511158	47.873	ng	98
33) 4-Chloroaniline	10.55	127	271755	12.198	ng	99
34) Hexachlorobutadiene	10.73	225	443373	44.534	ng	98
35) Caprolactam	11.31	113	222426	42.363	ng	98
36) 4-Chloro-3-methylphenol	11.69	107	704088	43.129	ng	99
37) 2-Methylnaphthalene	12.06	142	1557327	43.792	ng	98
38) 1-Methylnaphthalene	12.28	142	1467154	43.460	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	776516	50.299	ng	98

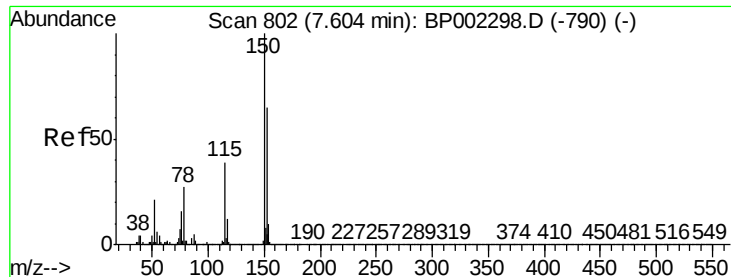
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	243632	29.682	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	510348	47.743	ng	98
44) 2,4,5-Trichlorophenol	12.76	196	552768	44.562	ng	97
46) 1,1'-Biphenyl	13.09	154	1861063	48.888	ng	100
47) 2-Chloronaphthalene	13.12	162	1446470	46.055	ng	100
48) 2-Nitroaniline	13.32	65	480860	49.789	ng	98
49) Acenaphthylene	13.98	152	2385457	47.933	ng	99
50) Dimethylphthalate	13.72	163	2327982	59.202	ng	100
51) 2,6-Dinitrotoluene	13.83	165	361260	42.333	ng	97
52) Acenaphthene	14.32	154	1335730	41.721	ng	99
53) 3-Nitroaniline	14.16	138	249213	25.524	ng	96
54) 2,4-Dinitrophenol	14.37	184	115132	26.700	ng	96
55) Dibenzofuran	14.66	168	2079940	43.937	ng	100
56) 4-Nitrophenol	14.49	139	684308	88.675	ng	98
57) 2,4-Dinitrotoluene	14.63	165	459646	40.073	ng	97
58) Fluorene	15.32	166	1540527	43.878	ng	95
59) 2,3,4,6-Tetrachlorophenol	14.82	232	473468	47.922	ng	98
60) Diethylphthalate	15.10	149	1660535	42.703	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	762794	41.171	ng	98
62) 4-Nitroaniline	15.33	138	327984	36.289	ng	98
63) Azobenzene	15.61	77	1753878	43.985	ng	99
65) 4,6-Dinitro-2-methylphenol	15.40	198	84211	14.096	ng	93
66) n-Nitrosodiphenylamine	15.53	169	1421954	44.829	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	497683	41.920	ng	98
68) Hexachlorobenzene	16.33	284	550057	43.854	ng	97
69) Atrazine	16.50	200	436950	43.181	ng	98
70) Pentachlorophenol	16.67	266	680267	88.906	ng	96
71) Phenanthrene	17.06	178	3101474	54.202	ng	100
72) Anthracene	17.15	178	2811900	49.941	ng	99
73) Carbazole	17.42	167	2475895	44.969	ng	99
74) Di-n-butylphthalate	18.00	149	2908112	46.426	ng	99
75) Fluoranthene	19.04	202	4321040	65.562	ng	99
77) Benzidine	19.22	184	1792903	83.882	ng	99
78) Pyrene	19.39	202	4295487	65.540	ng	97
80) Butylbenzylphthalate	20.29	149	1366262	52.359	ng	95
81) Benzo(a)anthracene	21.10	228	3442697	57.141	ng	98
82) 3,3'-Dichlorobenzidine	21.05	252	1050317	49.757	ng	98
83) Chrysene	21.16	228	3144974	54.390	ng	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	1905542	47.789	ng	99
85) Di-n-octyl phthalate	21.93	149	3318872	50.079	ng	99
87) Indeno(1,2,3-cd)pyrene	25.57	276	3857539	52.517	ng	97
88) Benzo(b)fluoranthene	22.67	252	3827760	59.162	ng	98
89) Benzo(k)fluoranthene	22.72	252	3002473	48.360	ng	98
90) Benzo(a)pyrene	23.24	252	3346136	55.754	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	2793386	46.643	ng	# 96
92) Benzo(g,h,i)perylene	26.26	276	3471114	56.820	ng	97

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

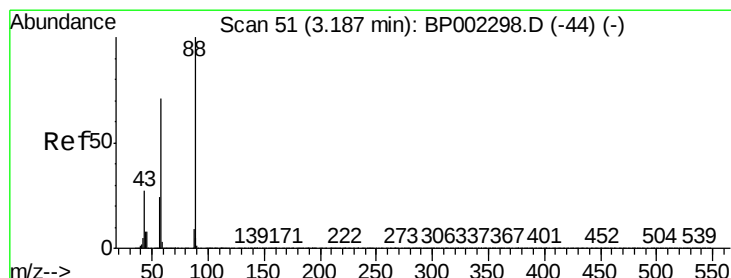
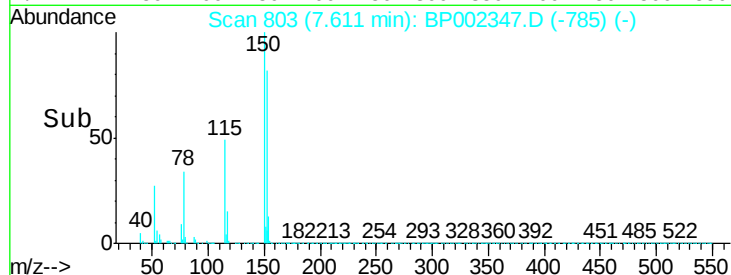
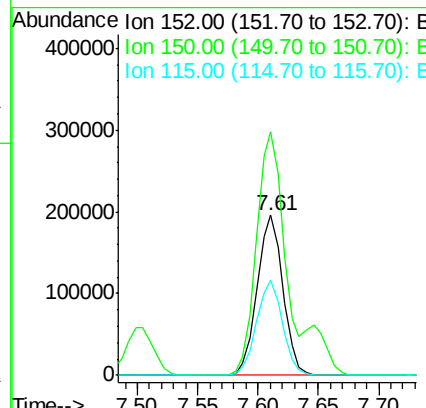
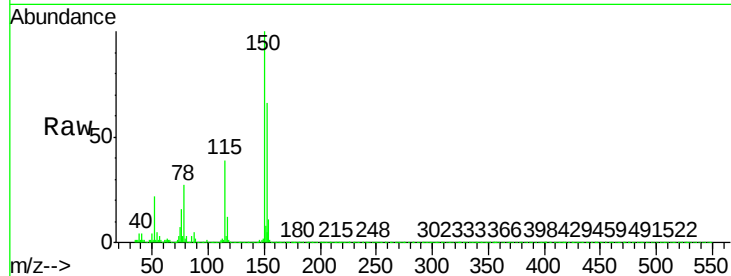


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Instrument :
BNA_P
ClientSampleId :

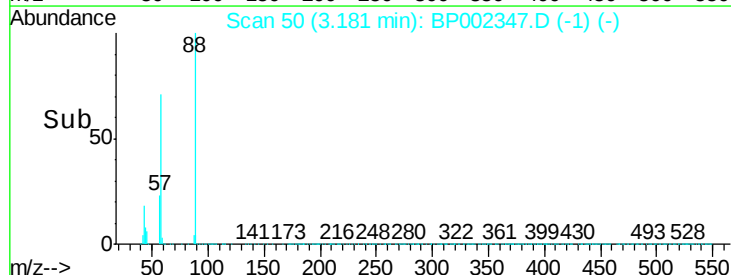
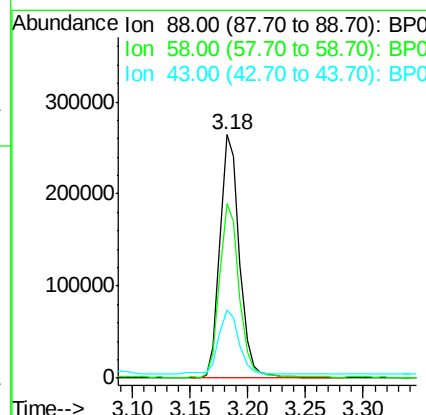
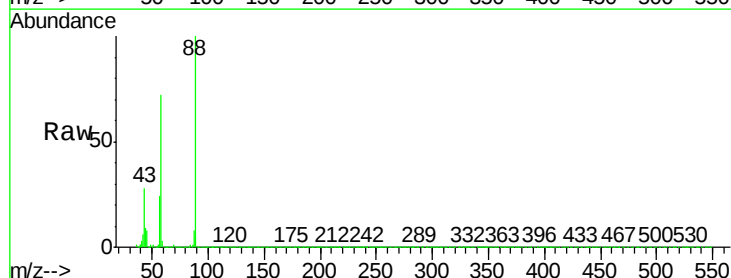
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.7	187.1
115	59.6	49.4	74.2

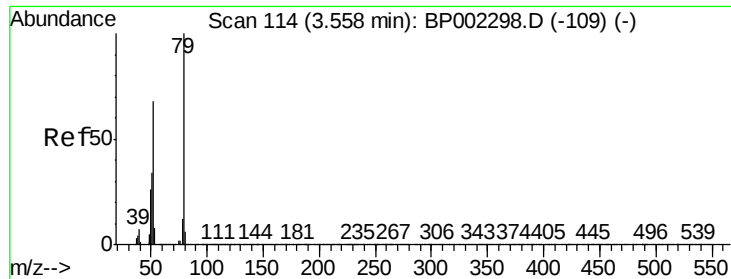


#2

1,4-Dioxane
Concen: 43.248 ng
RT: 3.18 min Scan# 50
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.3	85.9
43	28.3	21.6	32.4

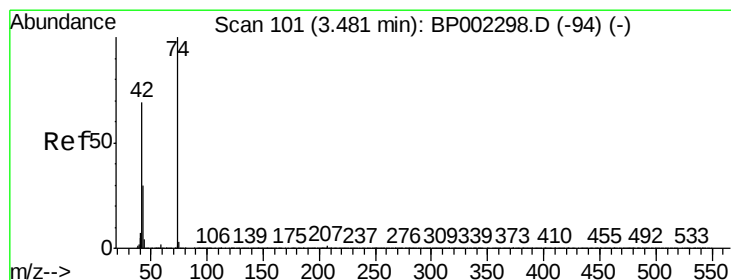
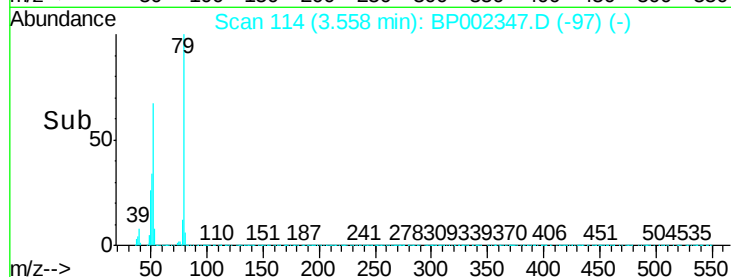
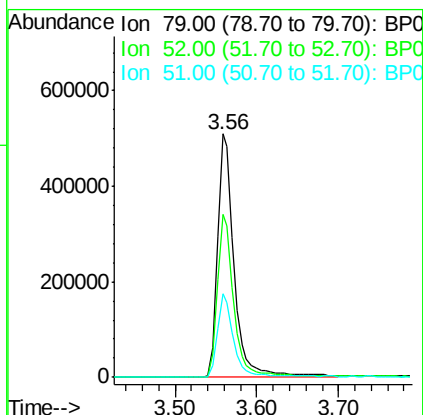
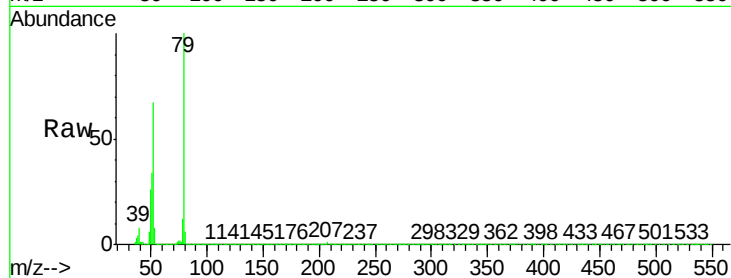




#3
 Pvridine
 Concen: 35.310 ng
 RT: 3.56 min Scan# 114
 Delta R.T. 0.00 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

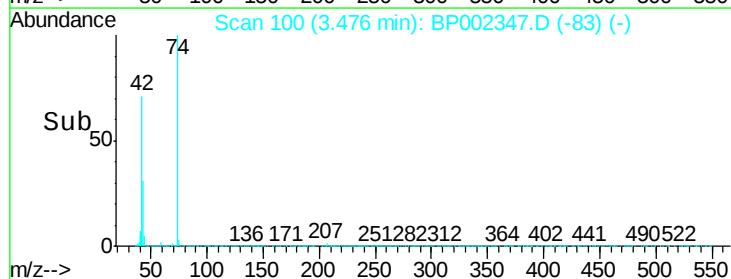
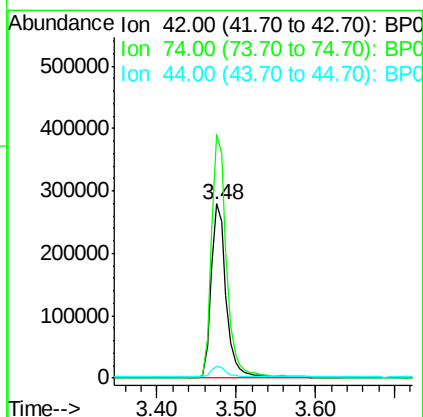
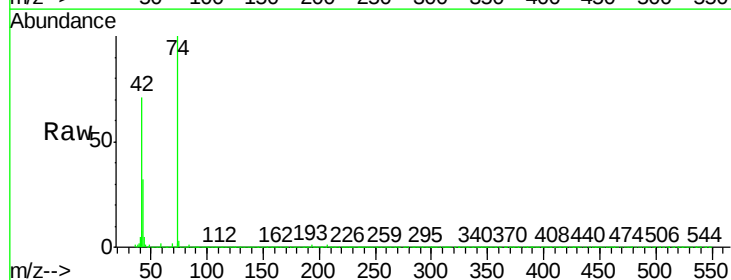
Instrument :
 BNA_P
 ClientSampleId :

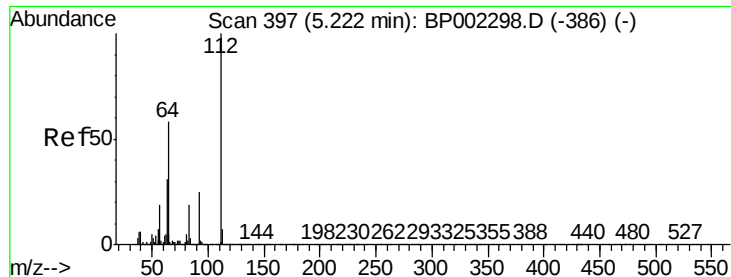
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.1	53.4	80.2
51	34.5	27.0	40.6



#4
 n-Nitrosodimethylamine
 Concen: 45.752 ng
 RT: 3.48 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.9	114.6	171.8
44	7.1	6.2	9.2





#5

2-Fluorophenol

Concen: 126.129 ng

RT: 5.23 min Scan# 399

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

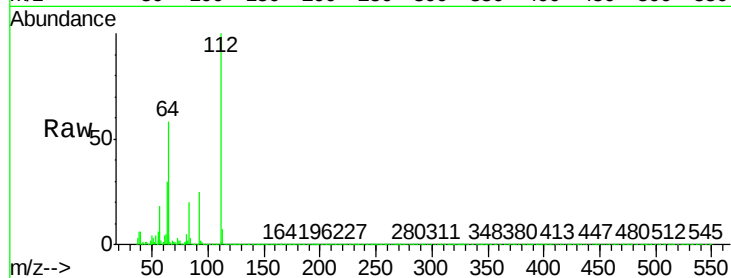
Tot Ion:112 Resp: 1963168

Ion Ratio Lower Upper

112 100

64 57.6 47.0 70.4

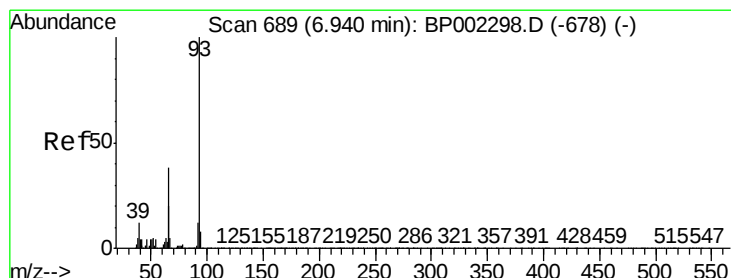
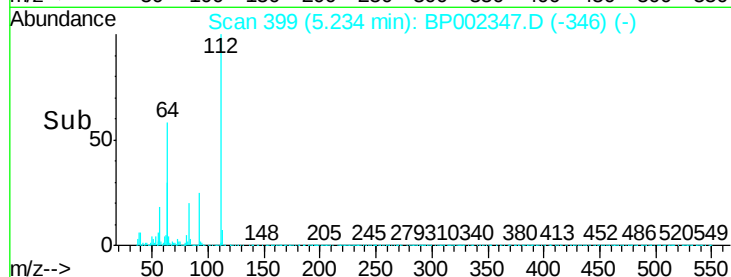
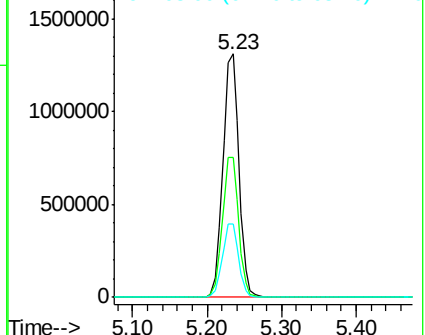
63 30.1 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 21.383 ng

RT: 6.94 min Scan# 689

Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

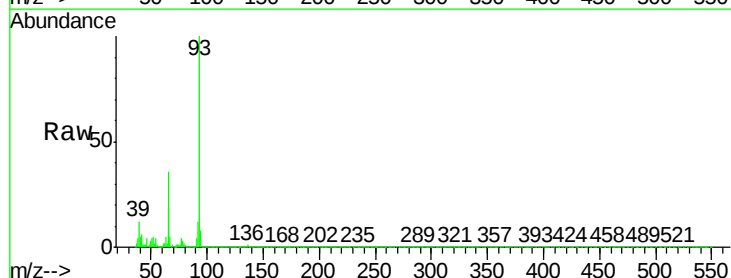
Tgt Ion: 93 Resp: 625573

Ion Ratio Lower Upper

93 100

66 35.8 31.0 46.6

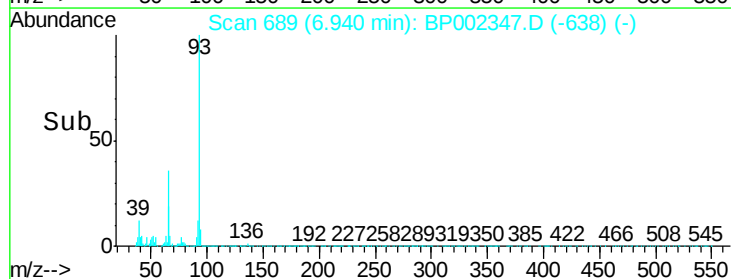
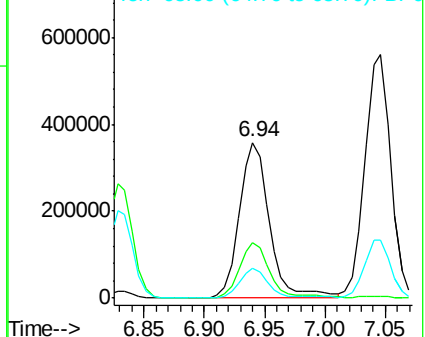
65 19.0 15.7 23.5

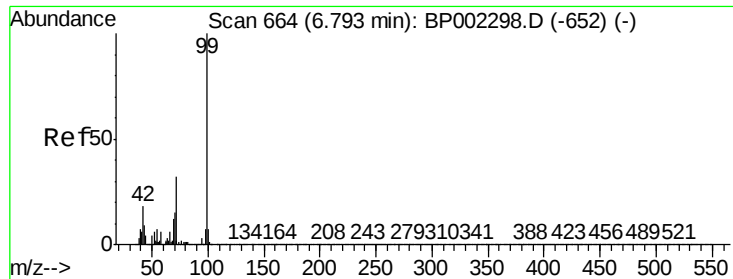


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 120.243 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

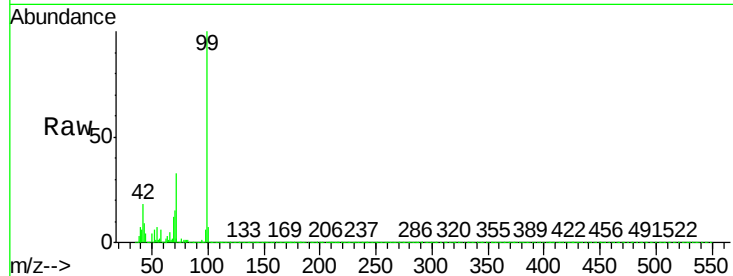
Tot Ion: 99 Resp: 2545933

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

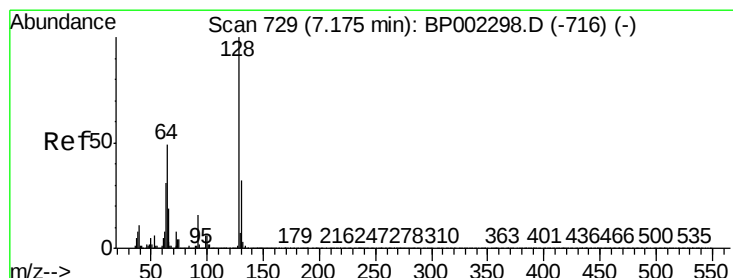
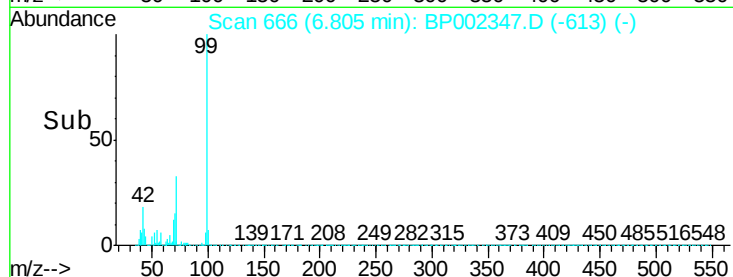
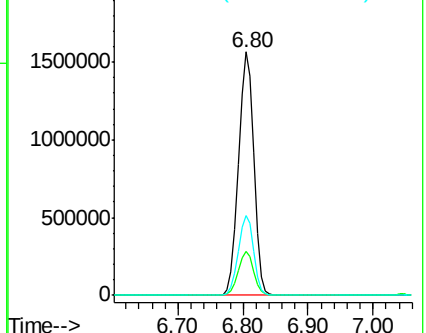
71 32.9 25.8 38.8



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: 45.158 ng

RT: 7.18 min Scan# 730

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

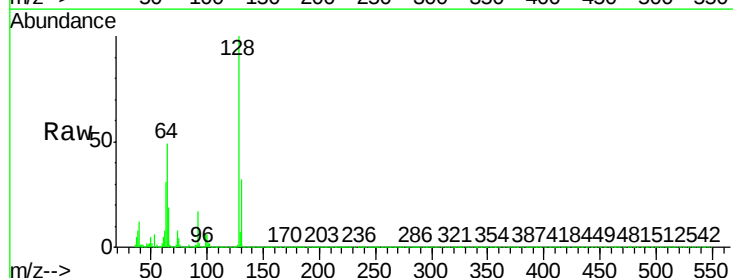
Tgt Ion: 128 Resp: 804317

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

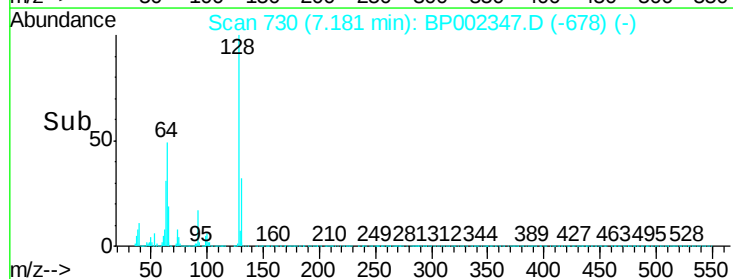
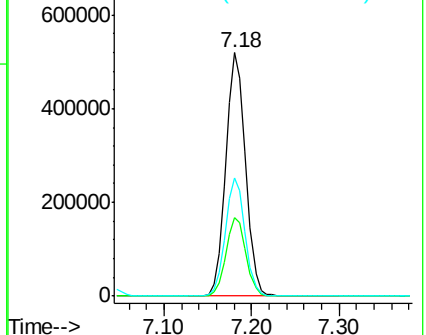
64 48.7 28.8 68.8

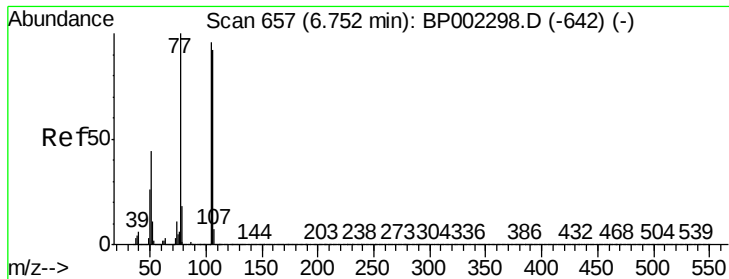


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 41.879 ng

RT: 6.75 min Scan# 657

Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

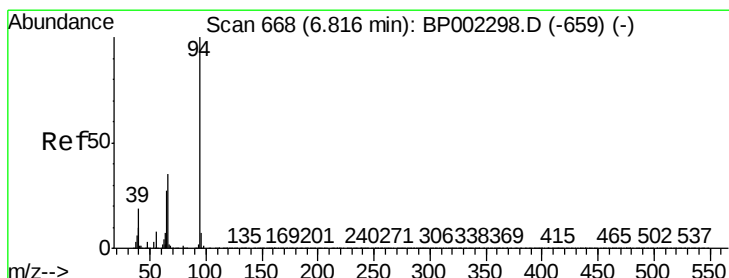
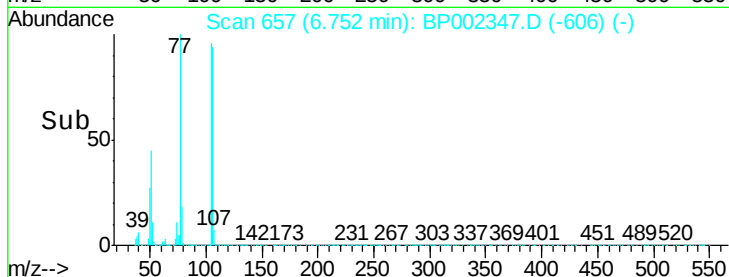
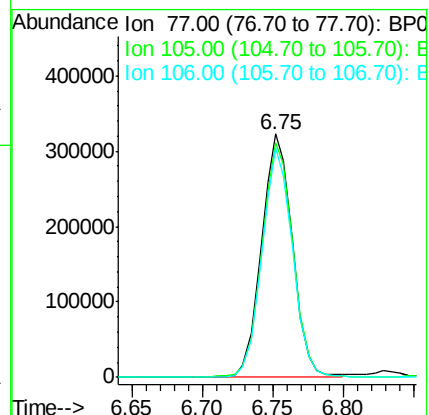
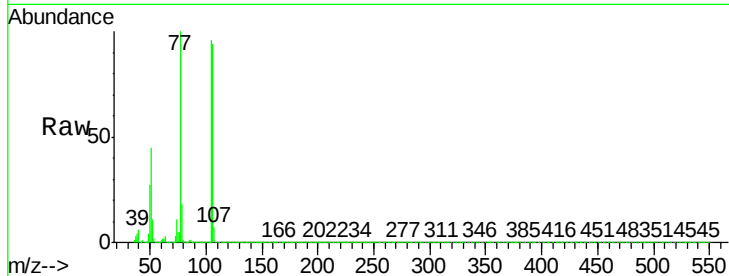
Tot Ion: 77 Resp: 495640

Ion Ratio Lower Upper

77 100

105 96.3 77.5 117.5

106 94.2 75.6 115.6



#10

Phenol

Concen: 44.865 ng

RT: 6.83 min Scan# 670

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

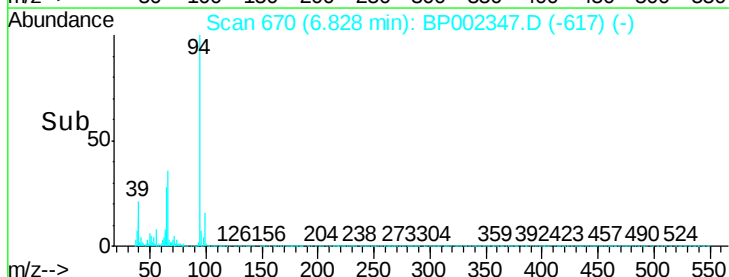
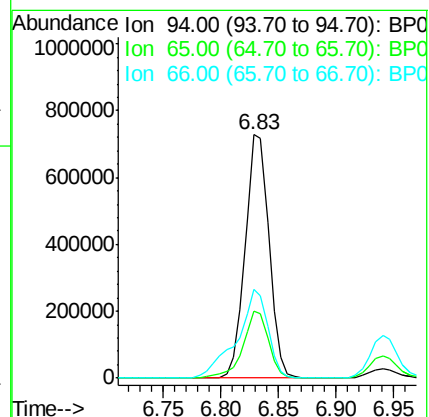
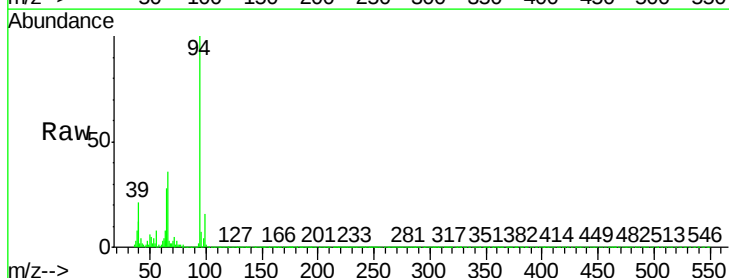
Tgt Ion: 94 Resp: 1045271

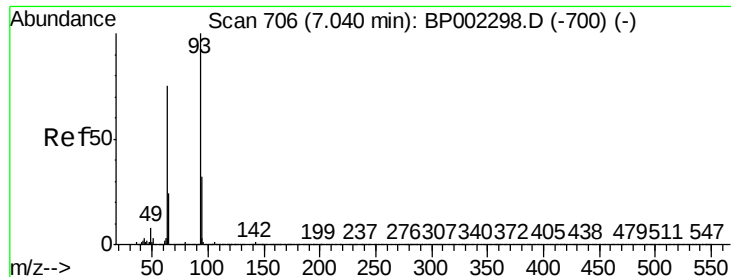
Ion Ratio Lower Upper

94 100

65 27.6 7.2 47.2

66 36.2 16.2 56.2

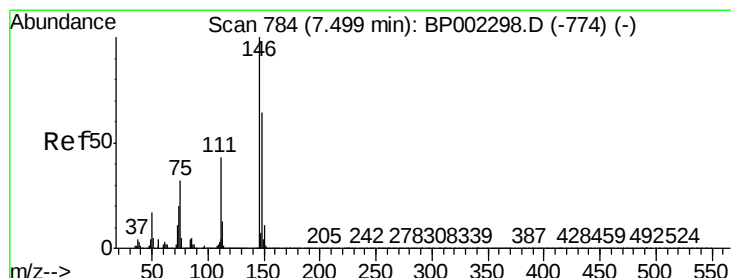
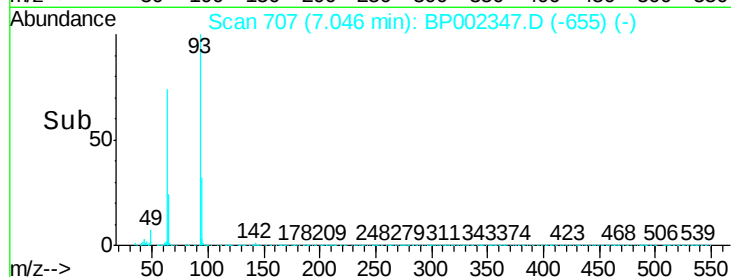
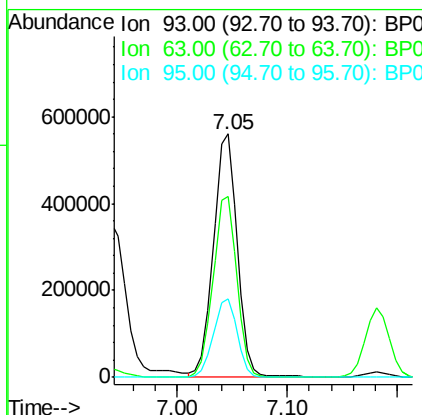
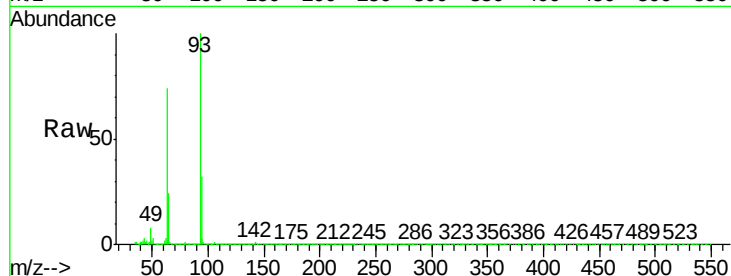




#11
bis(2-Chloroethyl)ether
Concen: 43.065 ng
RT: 7.05 min Scan# 707
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

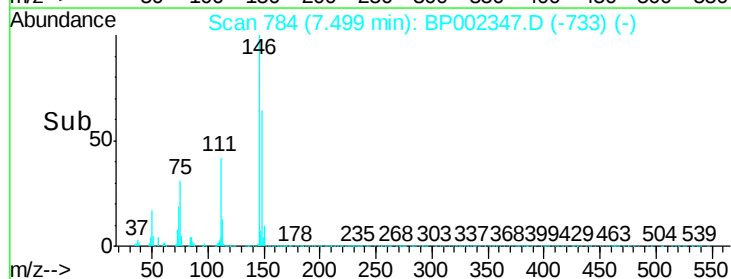
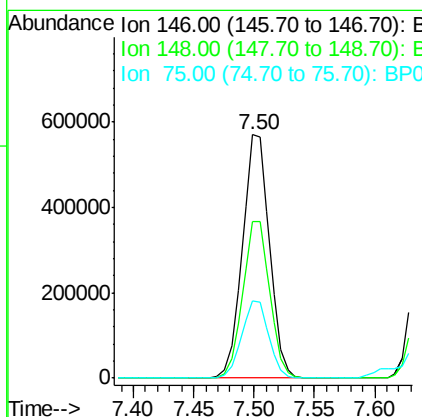
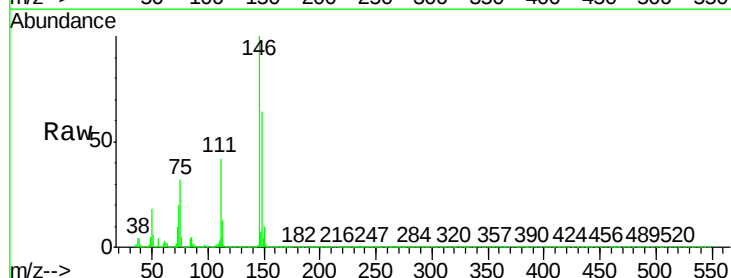
Instrument :
BNA_P
ClientSampleId :

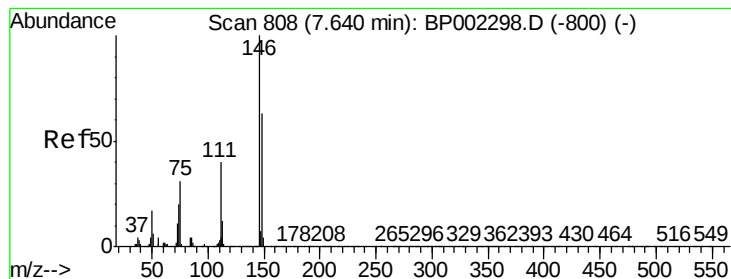
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.7	96.7
95	32.3	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 43.629 ng
RT: 7.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
75	31.9	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 43.731 ng

RT: 7.65 min Scan# 809

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

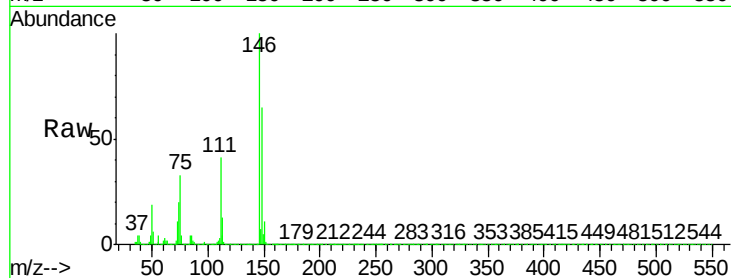
Tot Ion:146 Resp: 896387

Ion Ratio Lower Upper

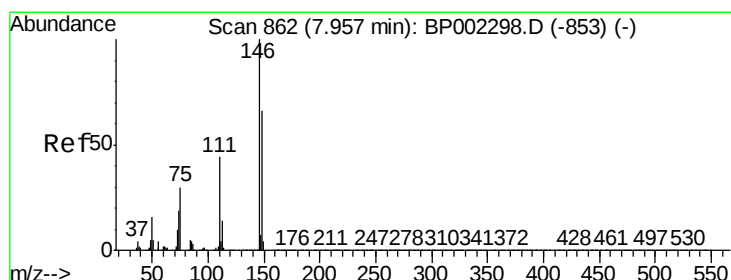
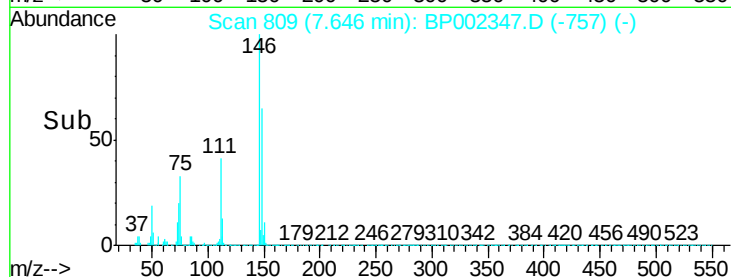
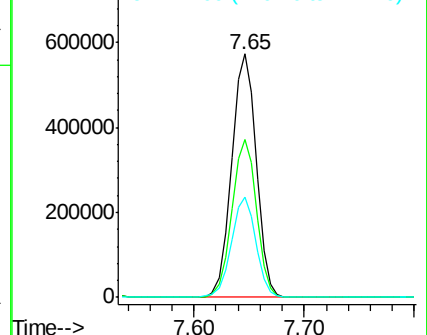
146 100

148 65.0 49.5 74.3

111 41.2 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.331 ng

RT: 7.96 min Scan# 862

Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

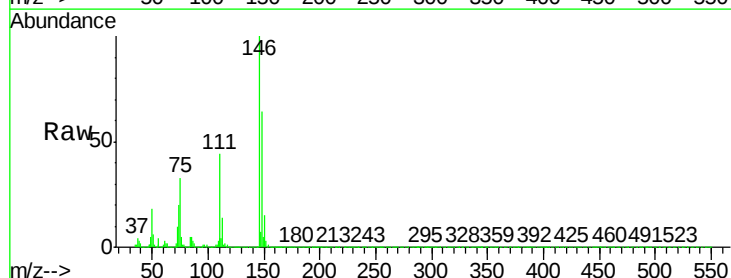
Tgt Ion:146 Resp: 829546

Ion Ratio Lower Upper

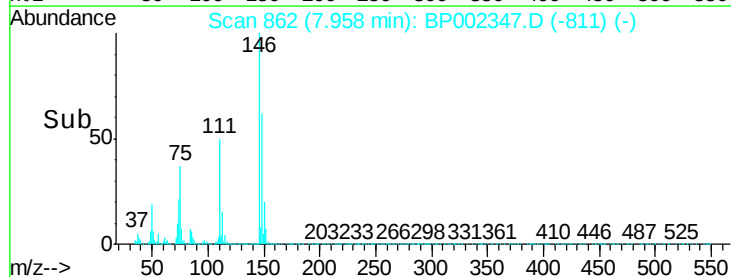
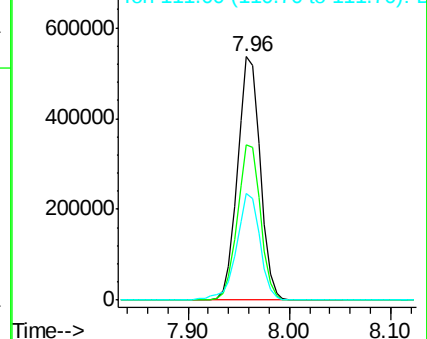
146 100

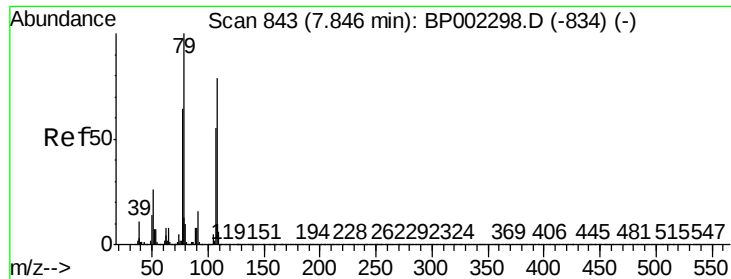
148 63.8 51.2 76.8

111 43.8 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.312 ng

RT: 7.85 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampled :

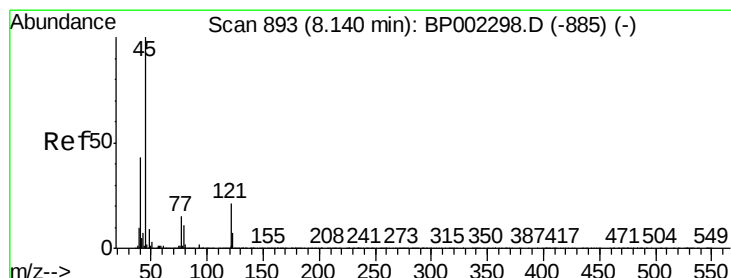
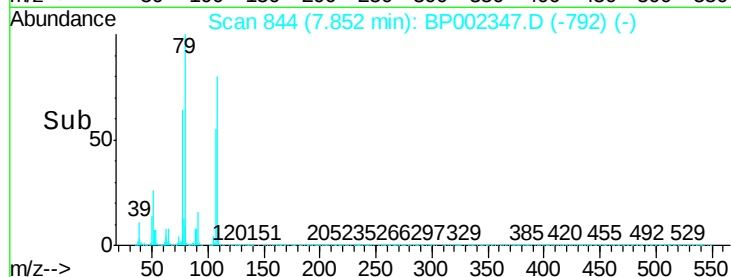
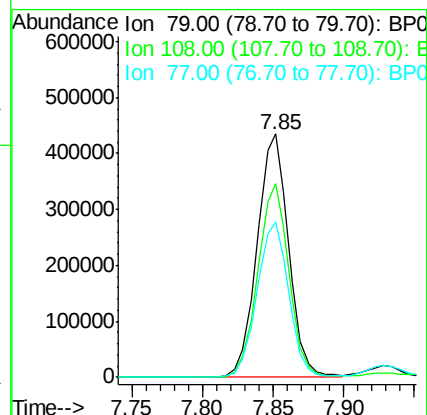
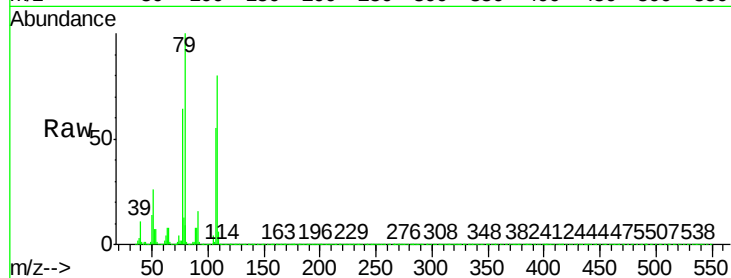
Tot Ion: 79 Resp: 680735

Ion Ratio Lower Upper

79 100

108 79.7 62.4 93.6

77 63.8 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.711 ng

RT: 8.15 min Scan# 895

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

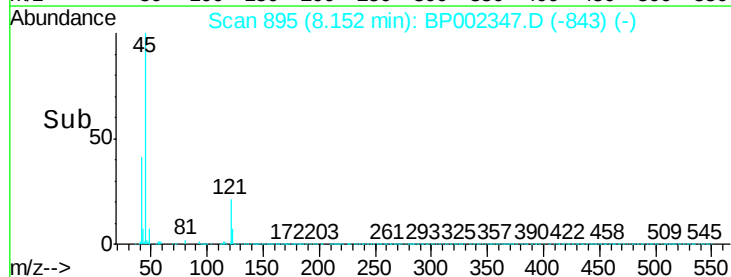
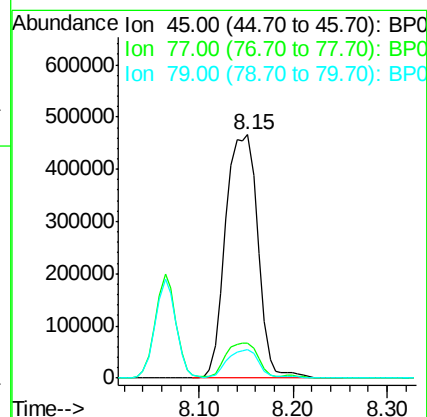
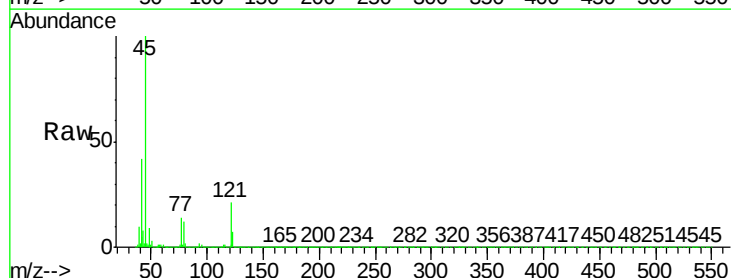
Tgt Ion: 45 Resp: 1116223

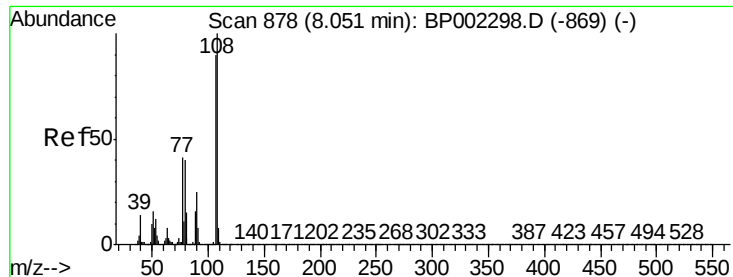
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.7

79 11.6 0.0 31.1

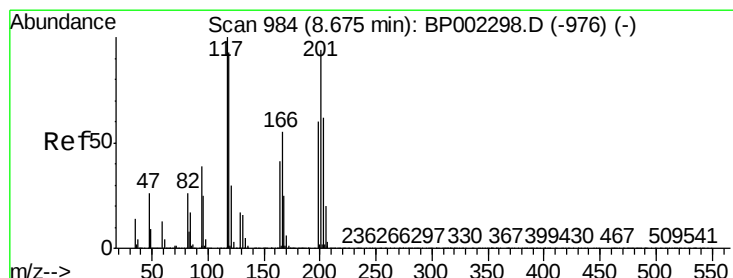
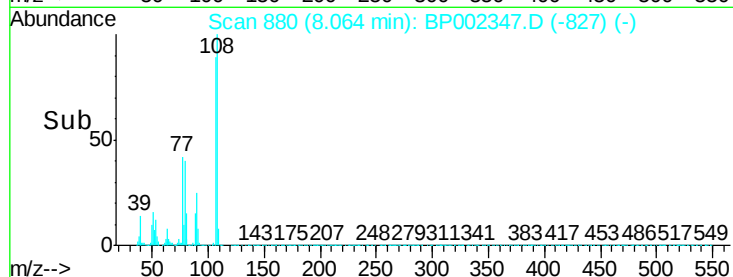
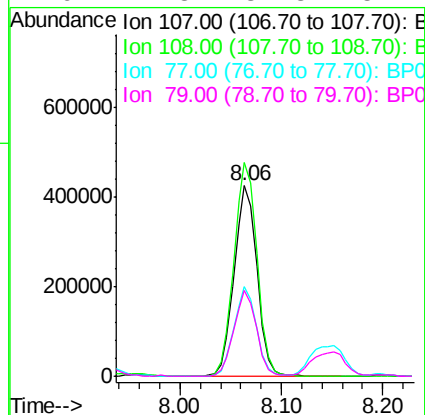
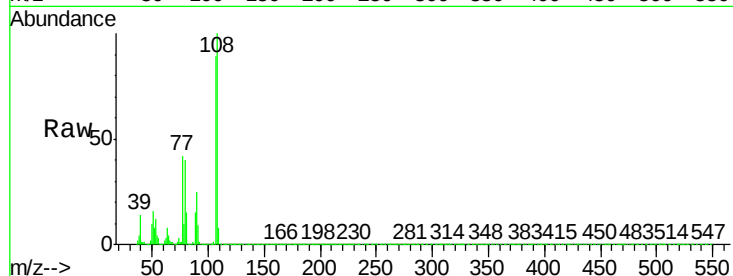




#17
2-Methylphenol
Concen: 39.856 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

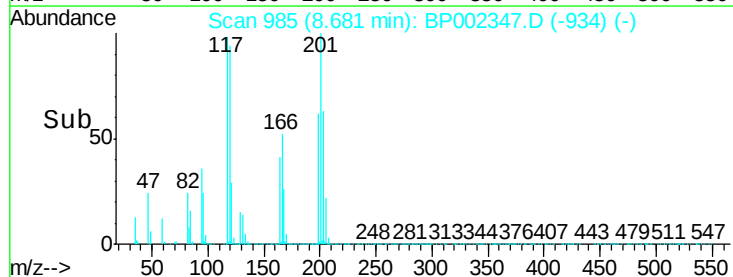
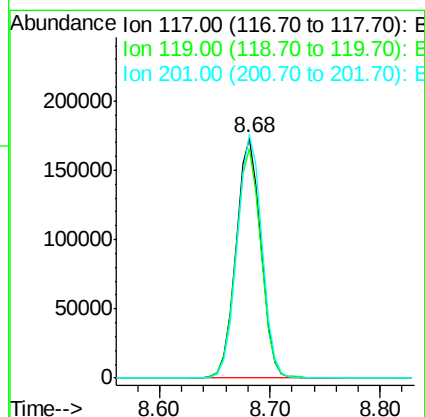
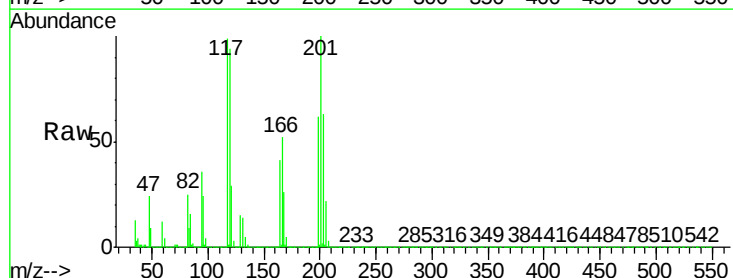
Instrument :
BNA_P
ClientSampleId :

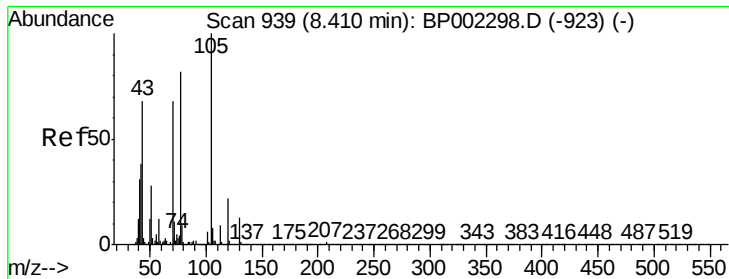
Tot Ion:	107	Resp:	663220
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.0	133.4
77	46.8	37.0	55.4
79	44.8	34.8	52.2



#18
Hexachloroethane
Concen: 37.184 ng
RT: 8.68 min Scan# 985
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:	117	Resp:	272780
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.0	114.0
201	101.4	76.0	114.0

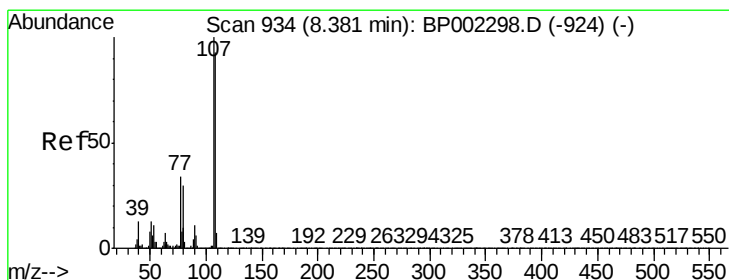
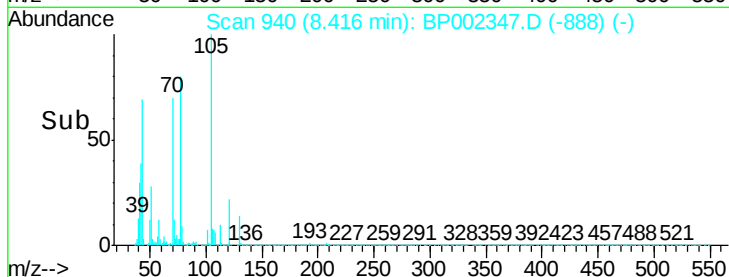
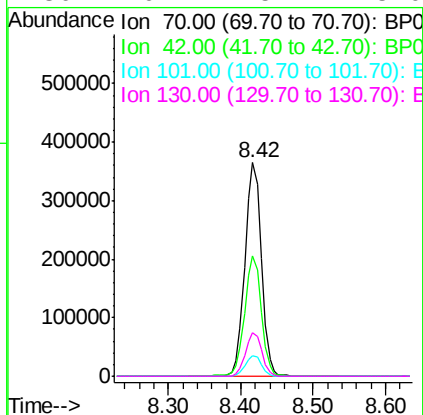
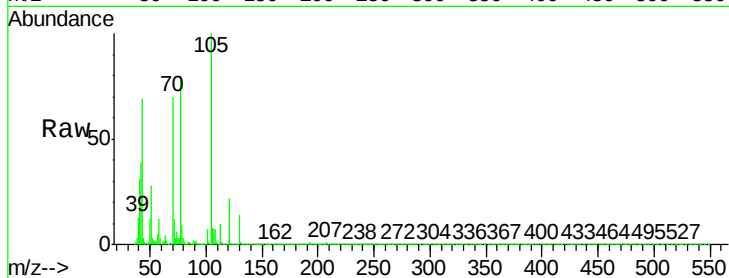




#19
n-Nitroso-di-n-propylamine
Concen: 41.139 ng
RT: 8.42 min Scan# 940
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

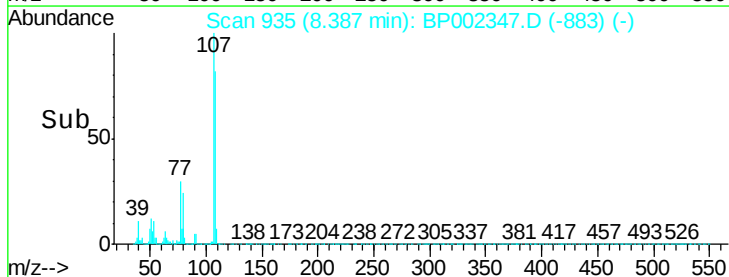
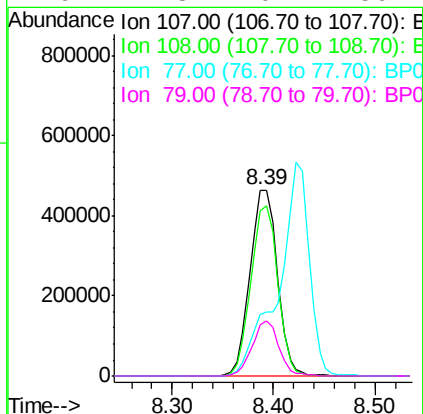
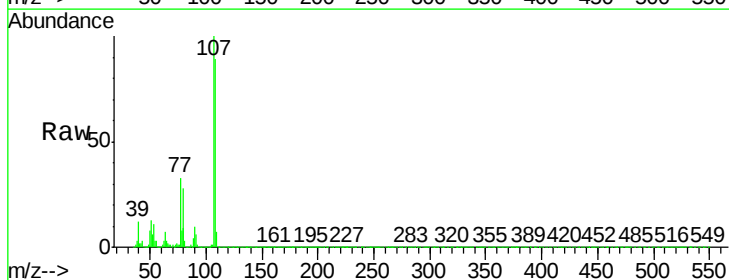
Instrument :
BNA_P
ClientSampleId :

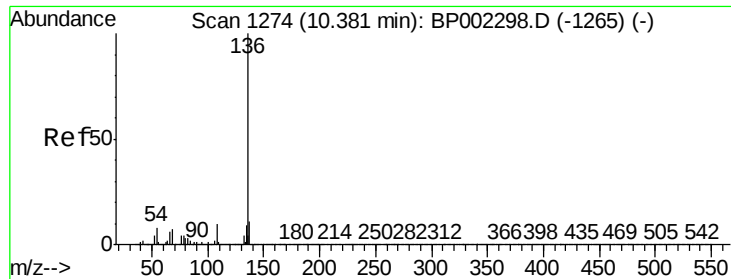
Tot Ion:	70	Resp:	577625
Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.2	66.4
101	9.9	7.4	11.0
130	20.2	15.4	23.0



#20
3+4-Methylphenols
Concen: 38.512 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:	107	Resp:	870850
Ion	Ratio	Lower	Upper
107	100		
108	88.6	74.7	114.7
77	32.8	14.4	54.4
79	27.8	10.7	50.7

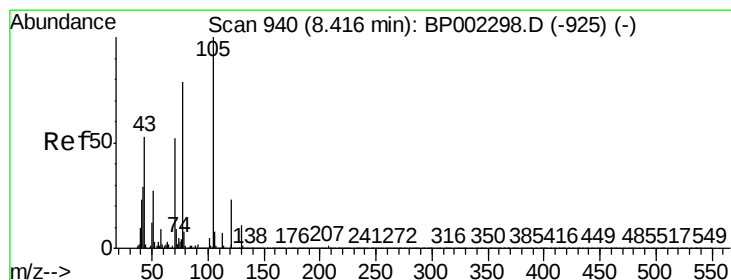
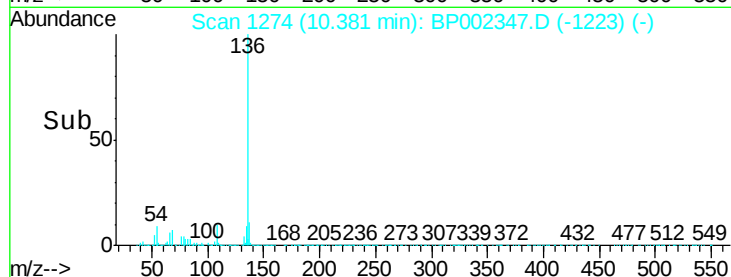
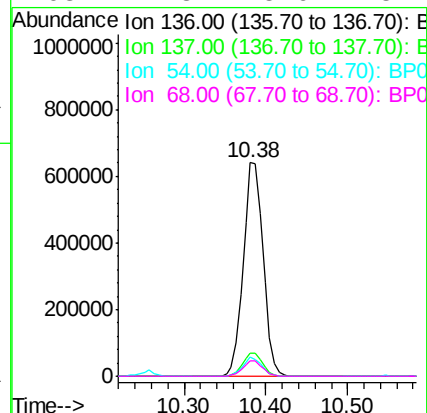
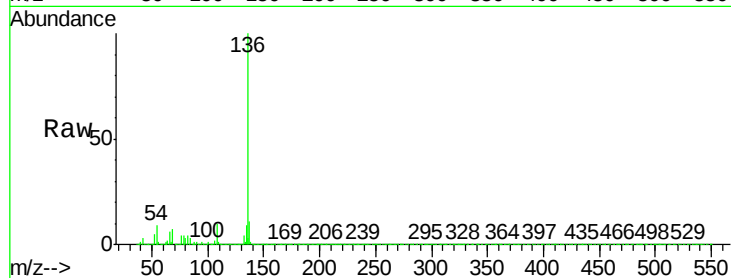




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

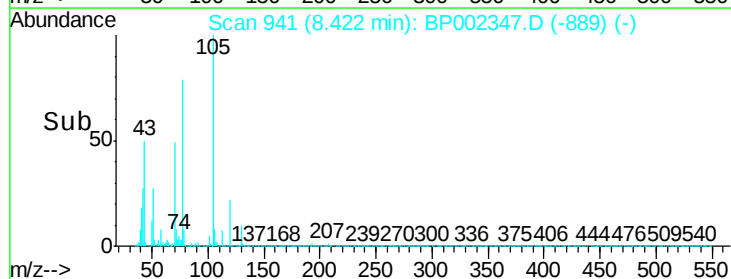
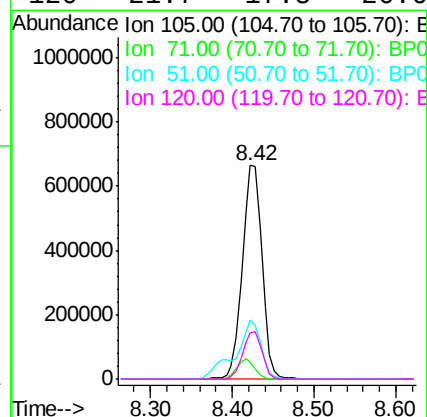
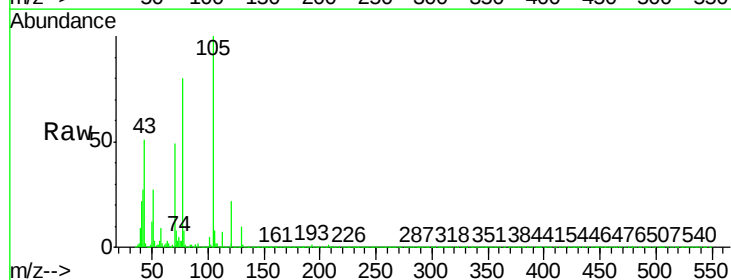
Instrument :
BNA_P
ClientSampleId :

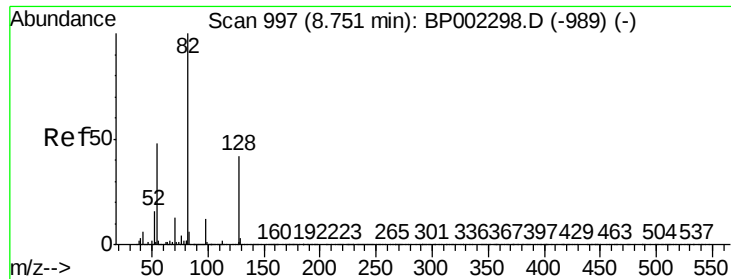
Tot Ion:136	Resp: 1081481
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.8	6.9 10.3
68 7.3	5.6 8.4



#22
Acetophenone
Concen: 45.041 ng
RT: 8.42 min Scan# 941
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt	Ion:105	Resp:	1112159
Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.5	9.7
51	27.4	21.7	32.5
120	21.7	17.8	26.6

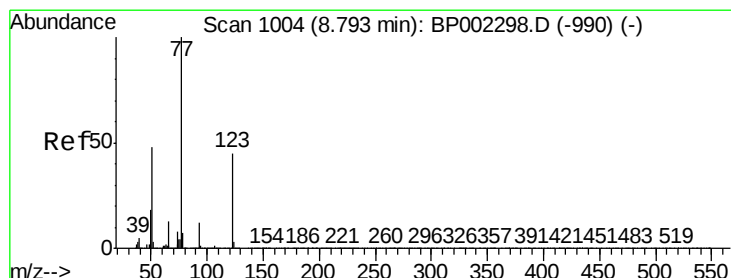
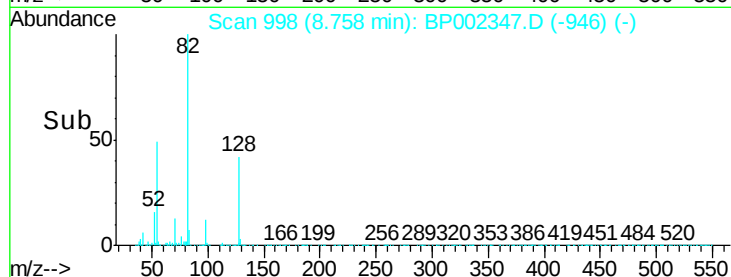
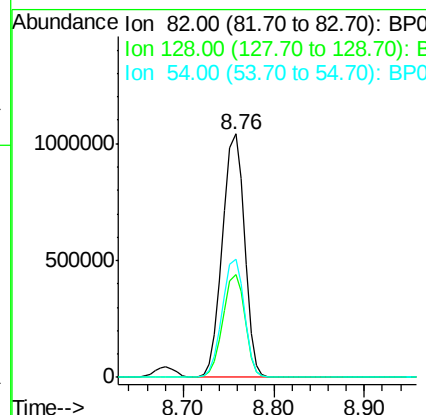
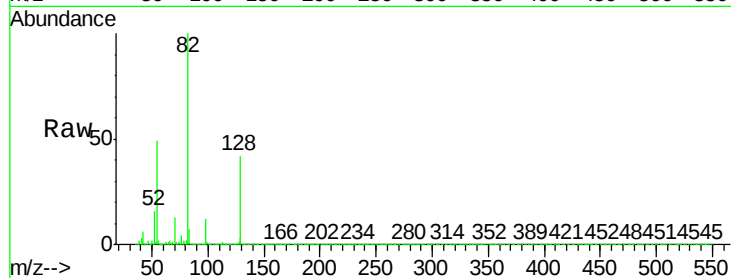




#23
Nitrobenzene-d5
Concen: 98.061 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

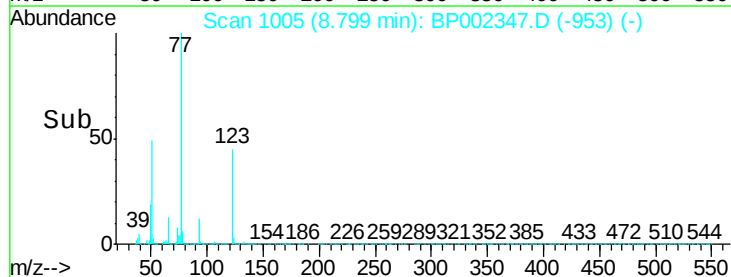
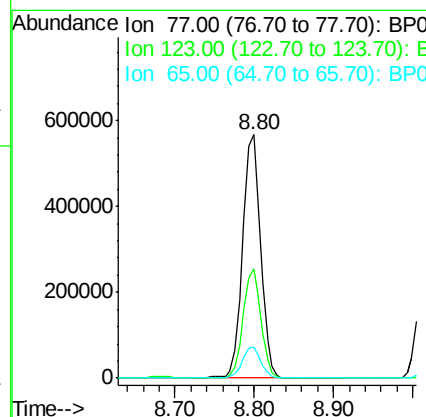
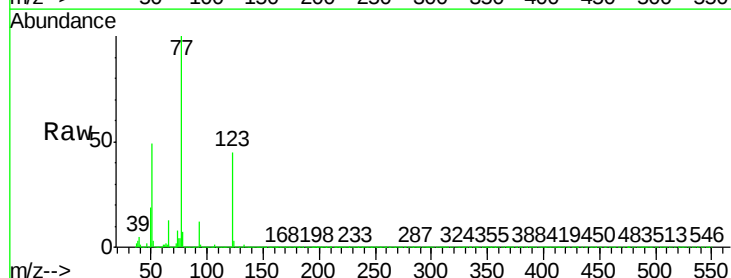
Instrument :
BNA_P
ClientSampled :

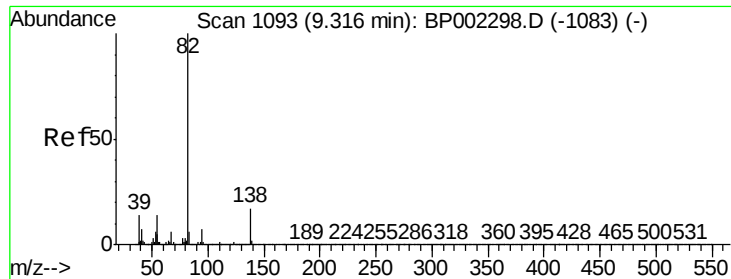
Tot Ion: 82 Resp: 1763915
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 48.7 38.3 57.5



#24
Nitrobenzene
Concen: 45.389 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion: 77 Resp: 890066
Ion Ratio Lower Upper
77 100
123 44.7 35.4 53.0
65 12.9 10.3 15.5





#25

Isophorone

Concen: 43.632 ng

RT: 9.32 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

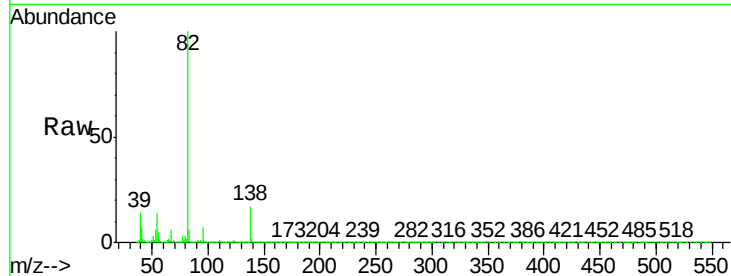
Tot Ion: 82 Resp: 1611923

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

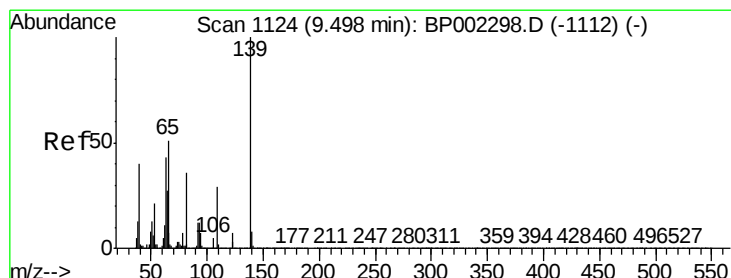
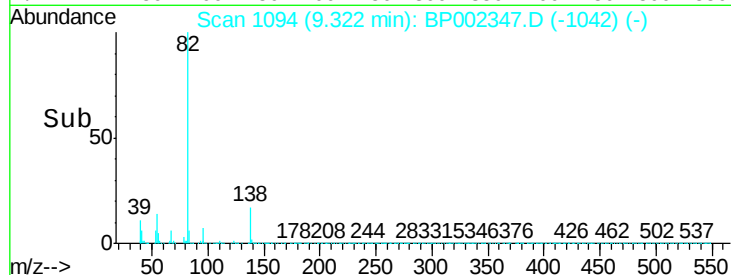
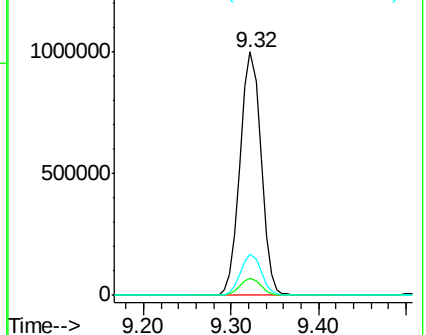
138 17.1 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 47.857 ng

RT: 9.50 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

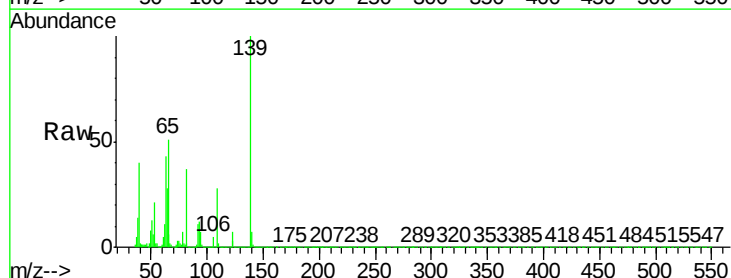
Tgt Ion: 139 Resp: 399821

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

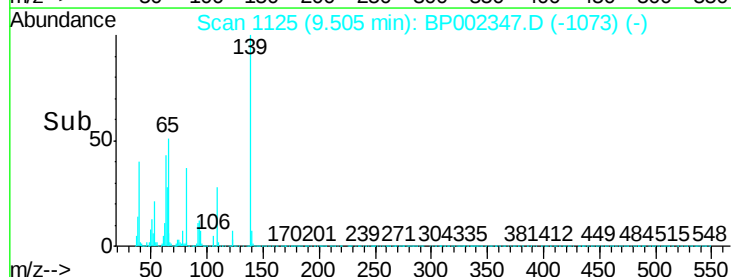
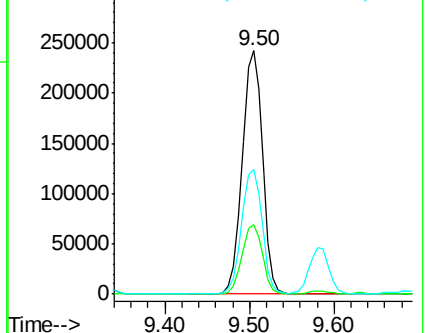
65 51.2 41.5 62.3

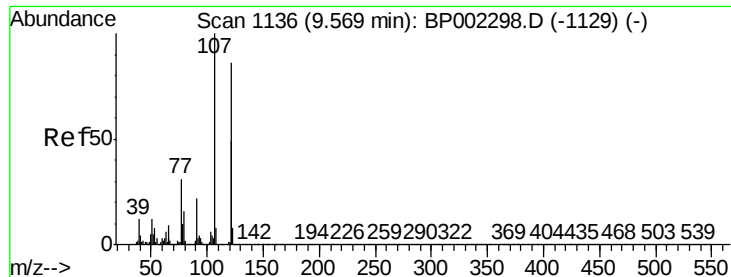


Abundance Ion 139.00 (138.70 to 139.70): B

Ion 109.00 (108.70 to 109.70): B

Ion 65.00 (64.70 to 65.70): BP0

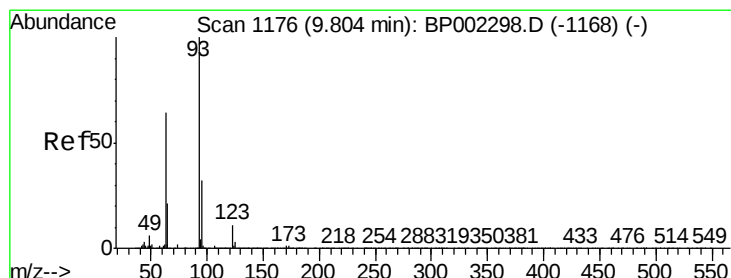
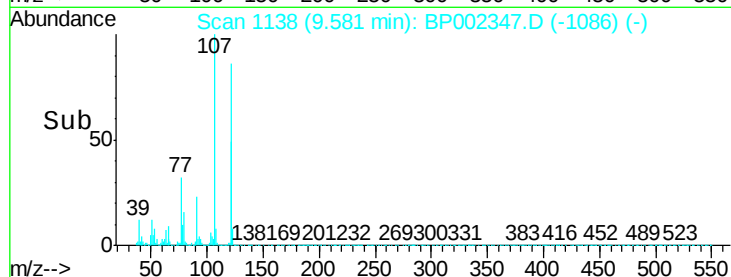
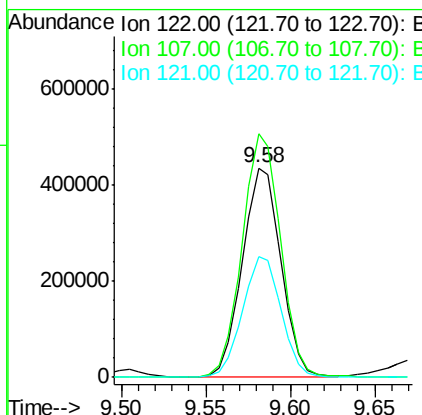
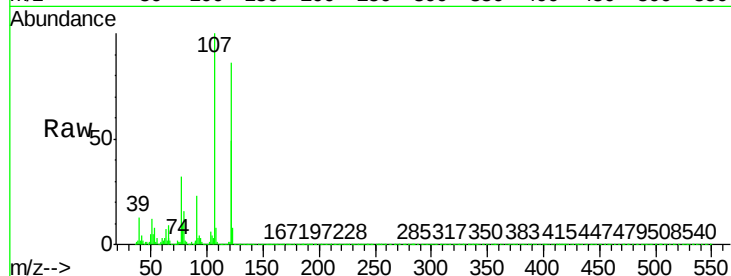




#27
2,4-Dimethylphenol
Concen: 50.416 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

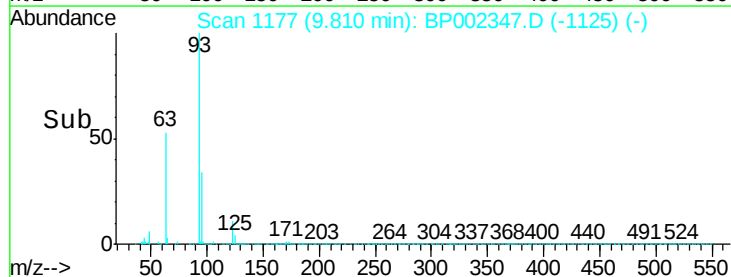
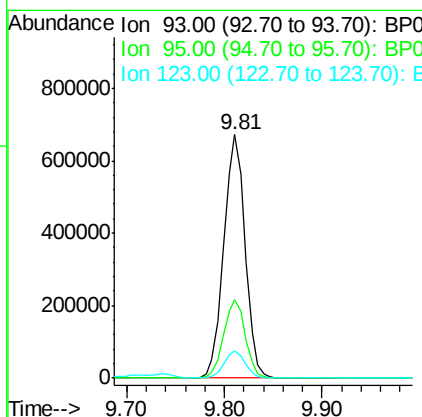
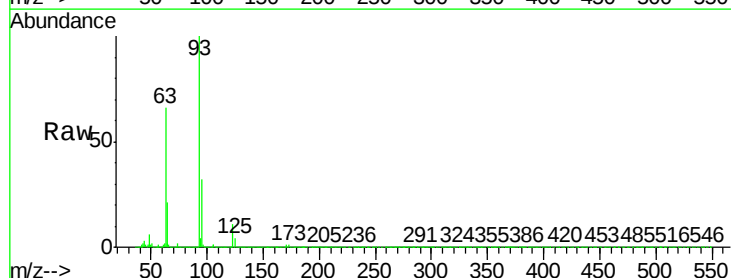
Instrument :
BNA_P
ClientSampleId :

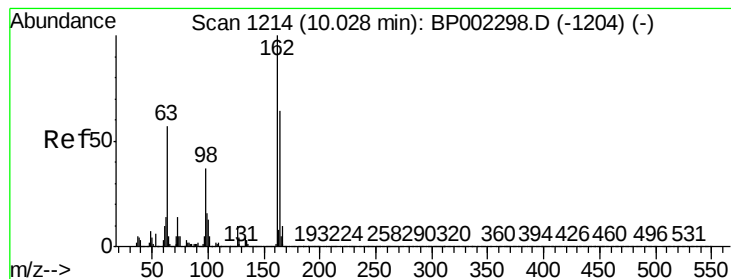
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	93.7	140.5
121	57.5	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.032 ng
RT: 9.81 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 45.849 ng

RT: 10.05 min Scan# 1217

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

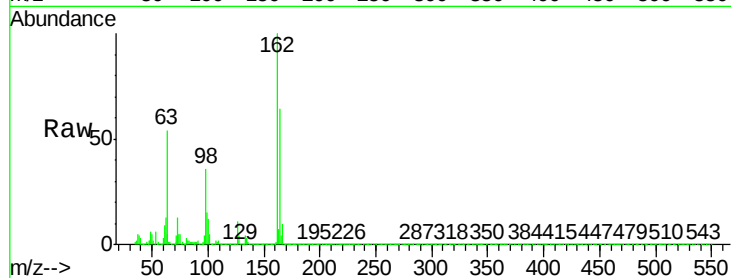
Tot Ion:162 Resp: 695009

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

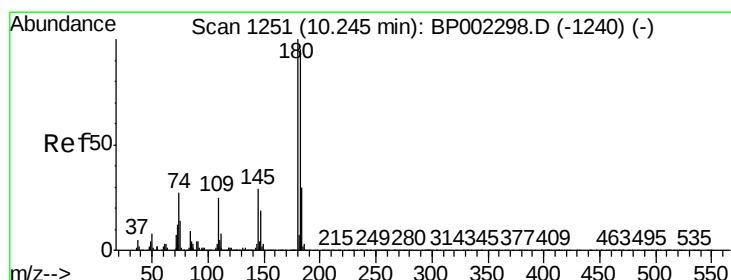
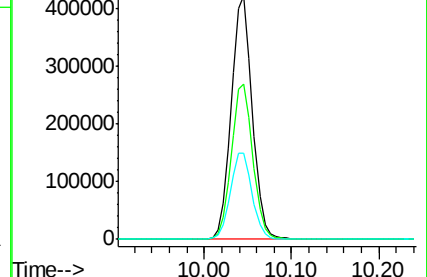
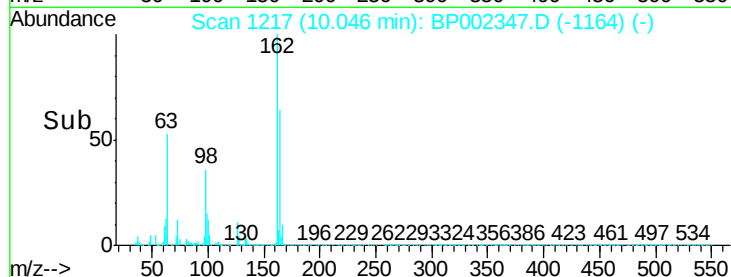
98 35.6 18.4 58.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BPO



#30

1,2,4-Trichlorobenzene

Concen: 44.814 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

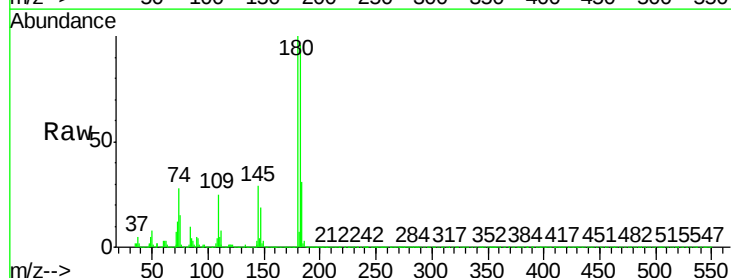
Tgt Ion:180 Resp: 764980

Ion Ratio Lower Upper

180 100

182 96.0 74.7 112.1

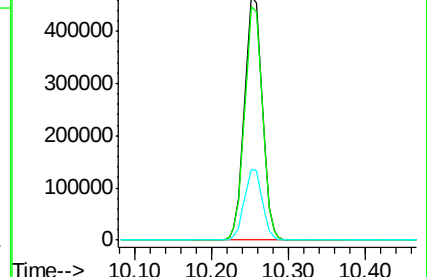
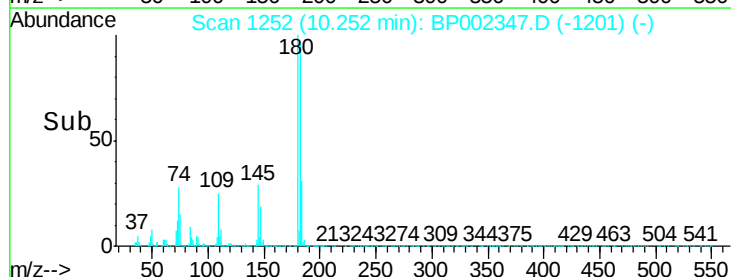
145 29.2 23.2 34.8

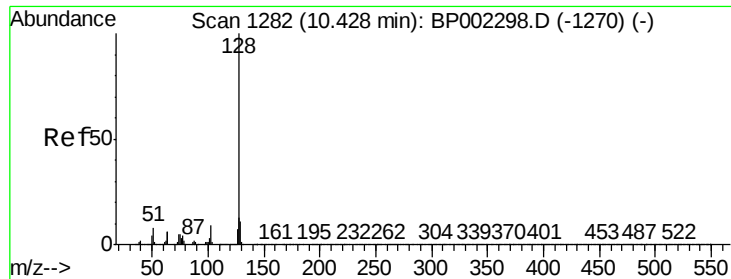


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

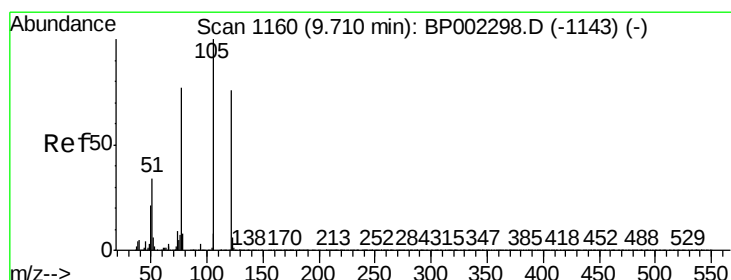
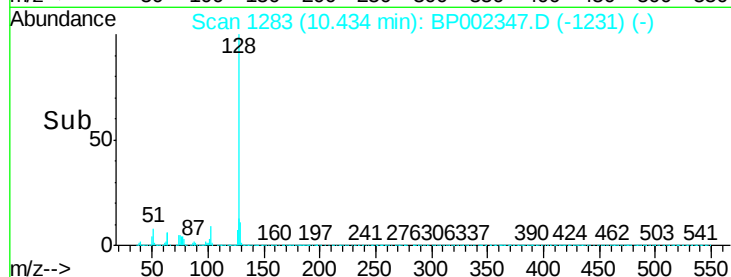
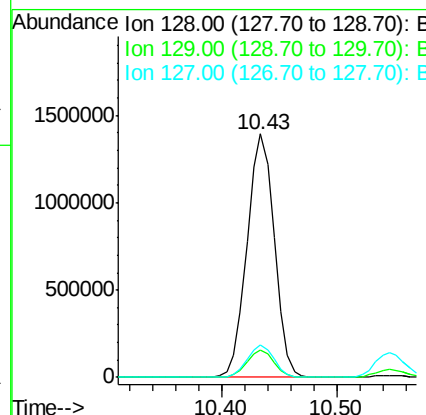
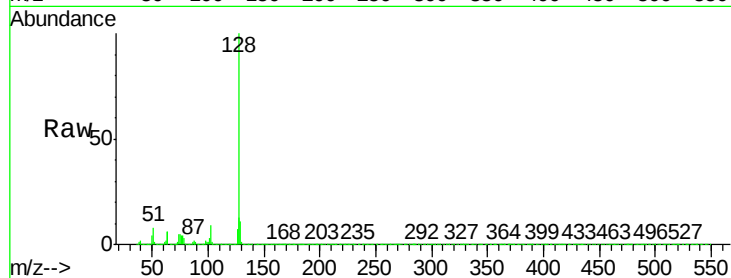




#31
Naphthalene
Concen: 45.268 ng
RT: 10.43 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

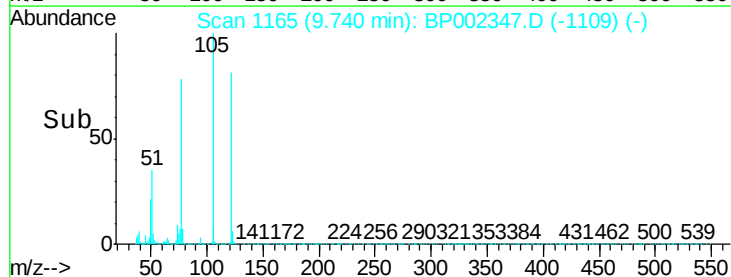
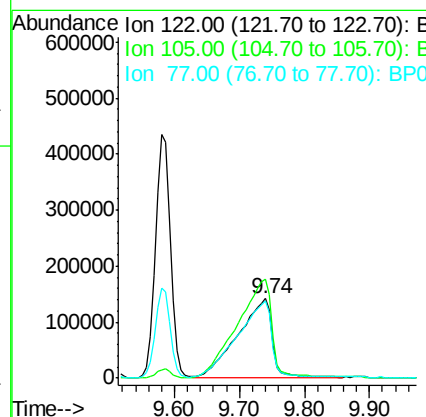
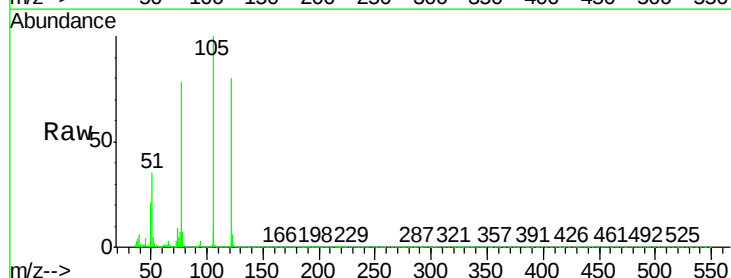
Instrument :
BNA_P
ClientSampleId :

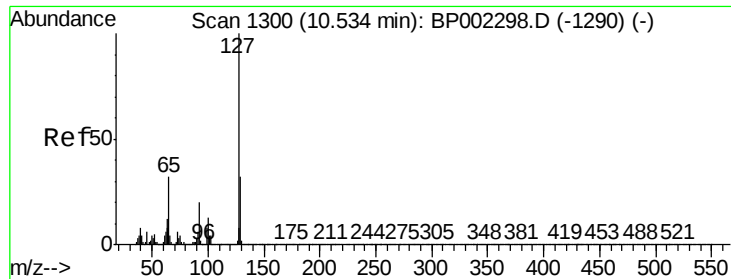
Tot Ion:128 Resp: 2295916
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 47.873 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.03 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:122 Resp: 511158
Ion Ratio Lower Upper
122 100
105 125.2 102.7 142.7
77 97.2 74.8 114.8

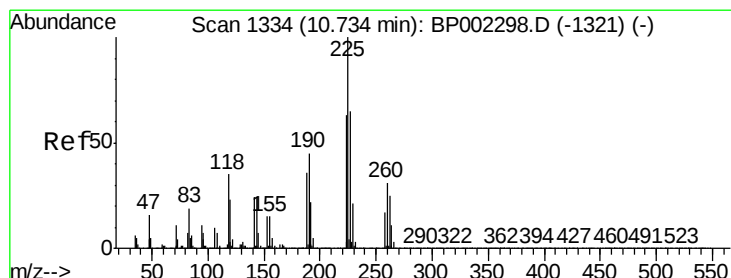
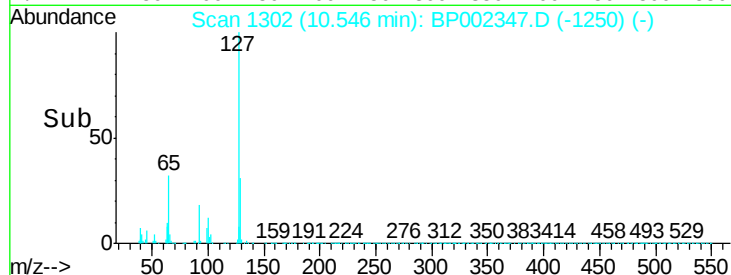
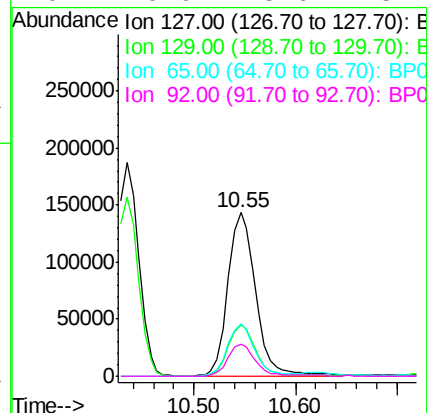
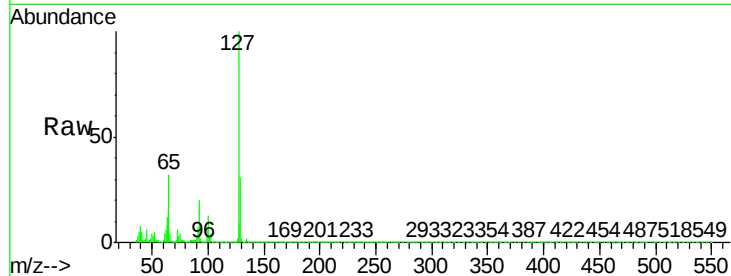




#33
4-Chloroaniline
Concen: 12.198 ng
RT: 10.55 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

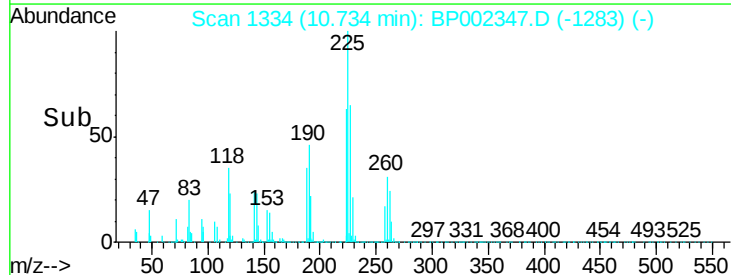
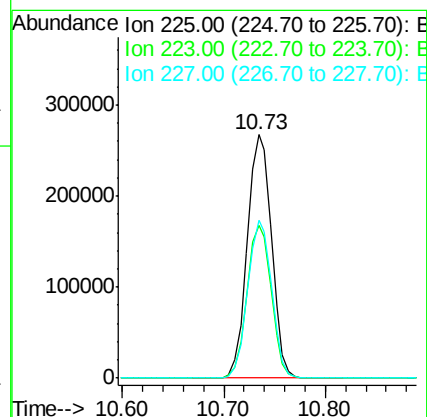
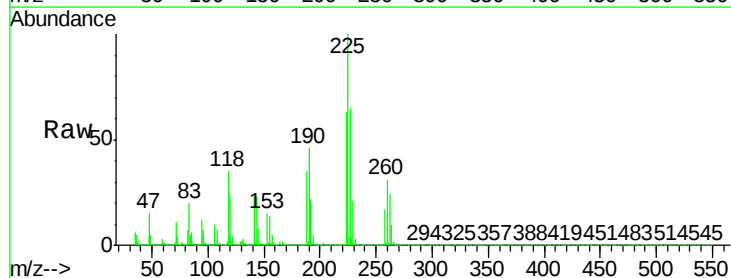
Instrument :
BNA_P
ClientSampled :

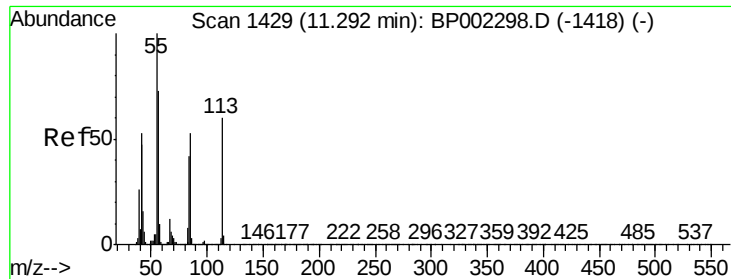
Tot Ion:	127	Resp:	271755
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.4	38.2
65	32.3	25.1	37.7
92	19.9	15.6	23.4



#34
Hexachlorobutadiene
Concen: 44.534 ng
RT: 10.73 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:	225	Resp:	443373
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.9	50.1	75.1

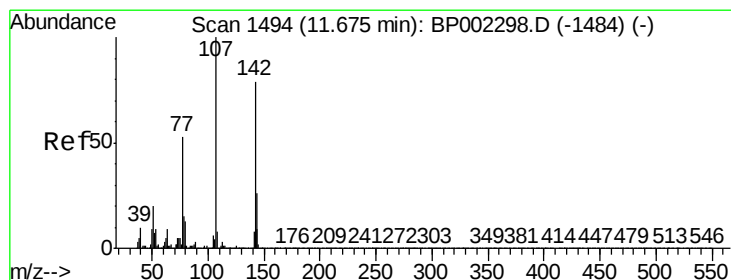
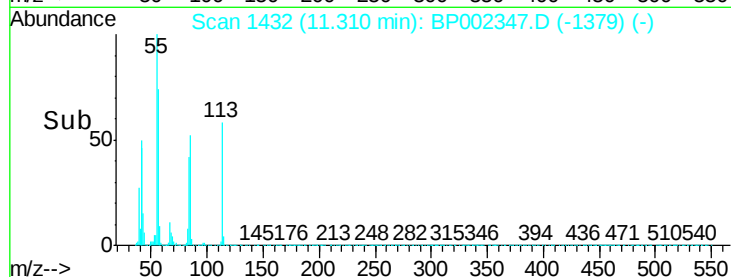
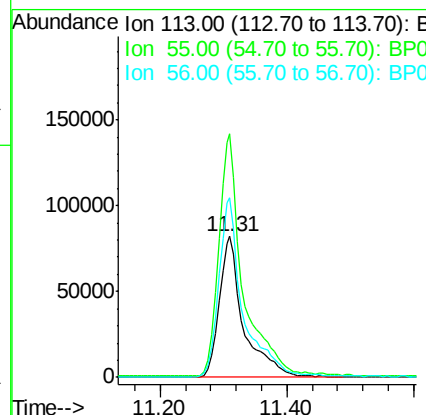
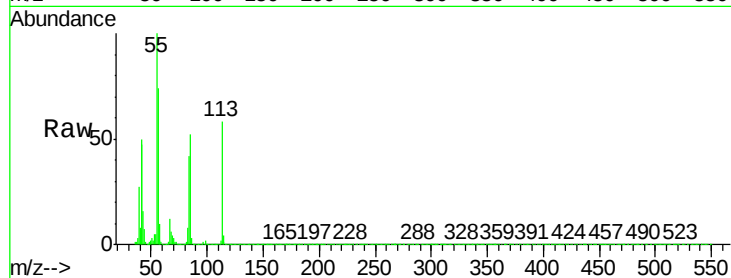




#35
Caprolactam
Concen: 42.363 ng
RT: 11.31 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

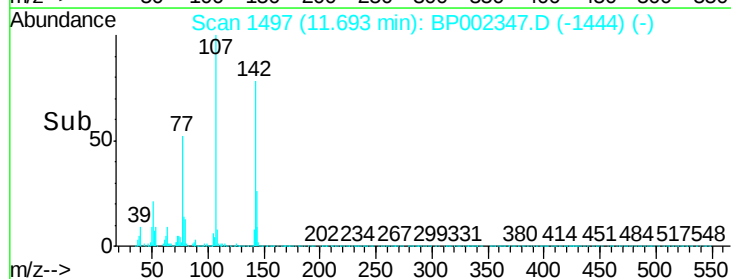
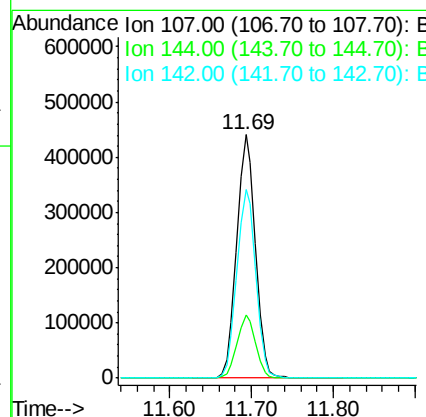
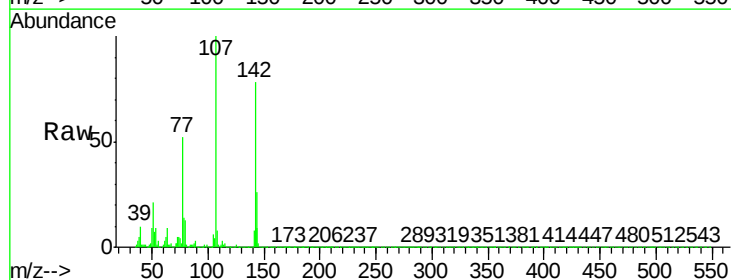
Instrument :
BNA_P
ClientSampleId :

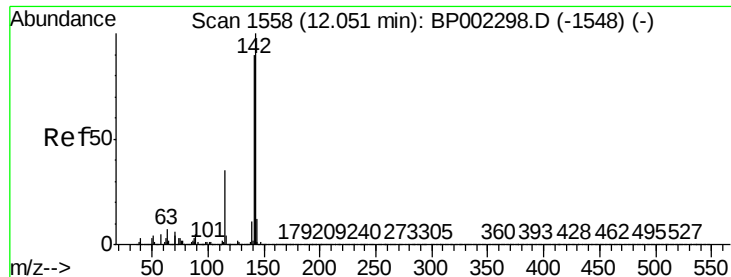
Tot Ion:113 Resp: 222426
Ion Ratio Lower Upper
113 100
55 172.5 150.1 190.1
56 126.9 104.1 144.1



#36
4-Chloro-3-methylphenol
Concen: 43.129 ng
RT: 11.69 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:107 Resp: 704088
Ion Ratio Lower Upper
107 100
144 25.9 20.6 31.0
142 77.6 63.0 94.6

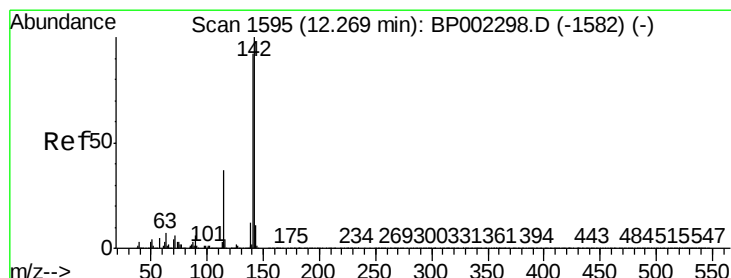
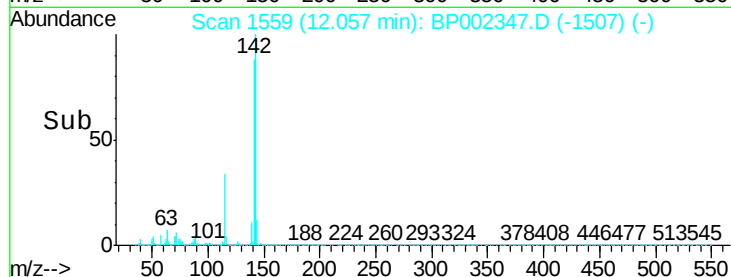
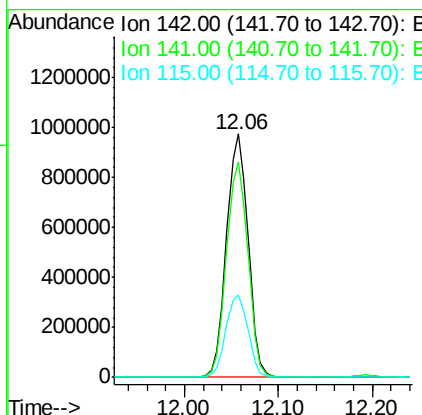
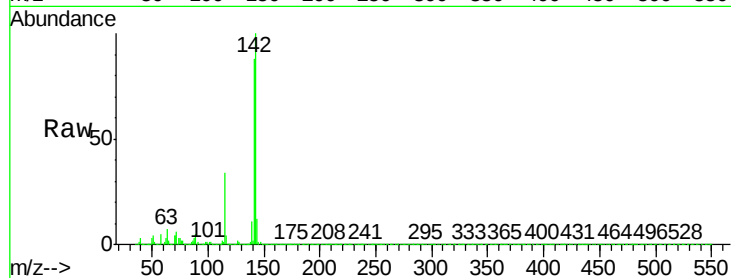




#37
2-Methylnaphthalene
Concen: 43.792 ng
RT: 12.06 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

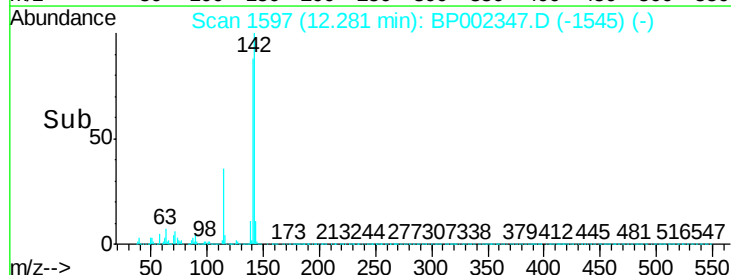
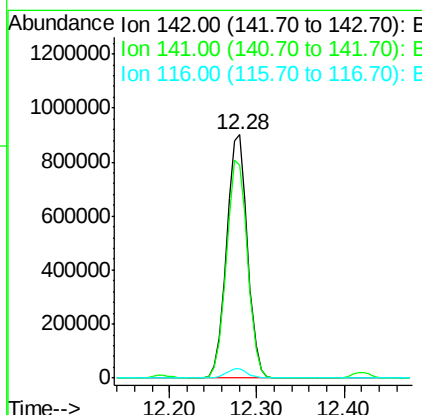
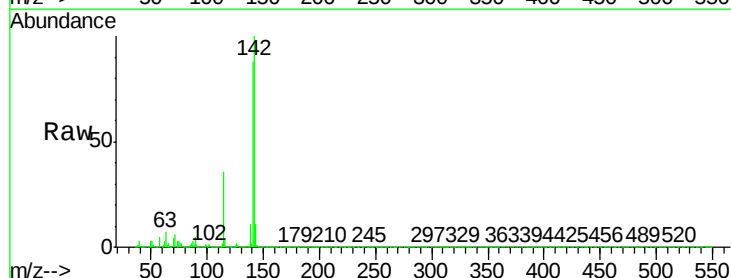
Instrument :
BNA_P
ClientSampleId :

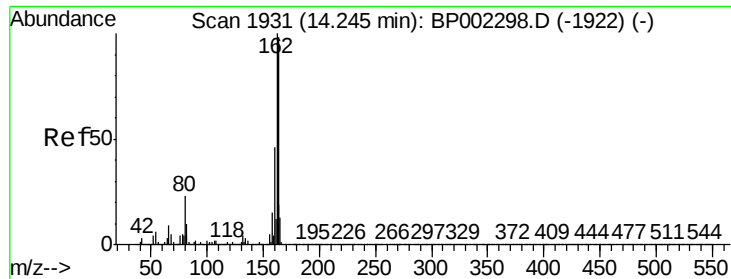
Tot Ion:142 Resp: 1557327
Ion Ratio Lower Upper
142 100
141 88.4 69.7 104.5
115 33.9 28.1 42.1



#38
1-Methylnaphthalene
Concen: 43.460 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:142 Resp: 1467154
Ion Ratio Lower Upper
142 100
141 87.6 72.8 109.2
116 3.6 3.1 4.7

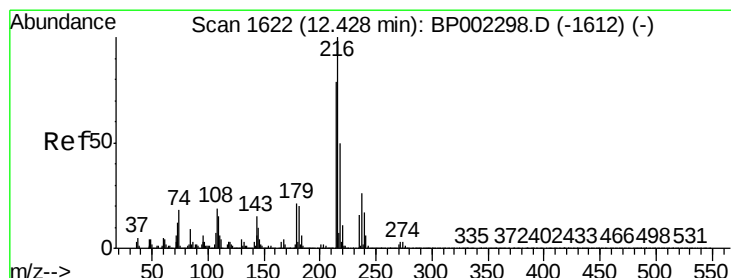
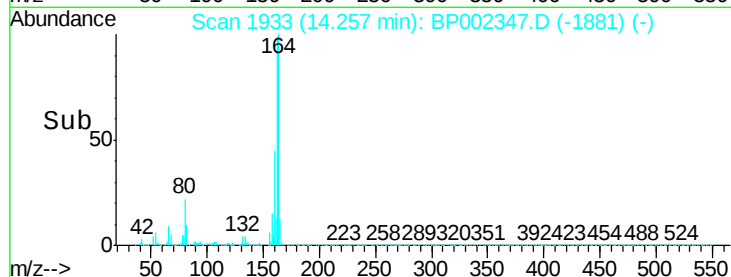
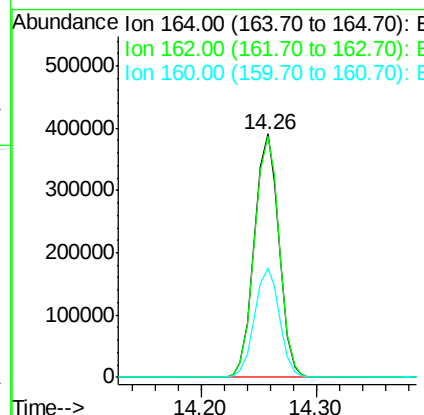
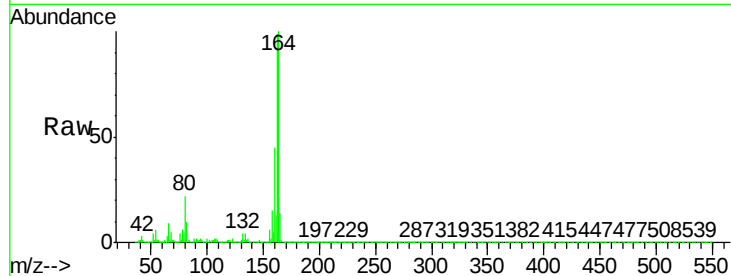




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

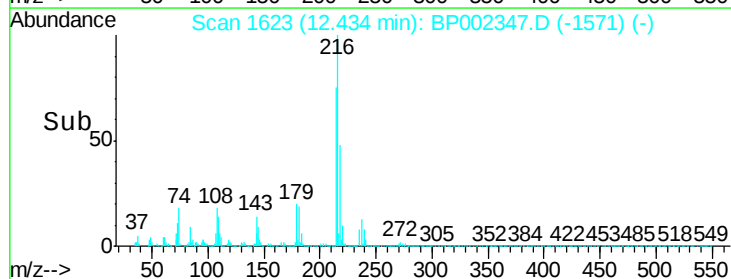
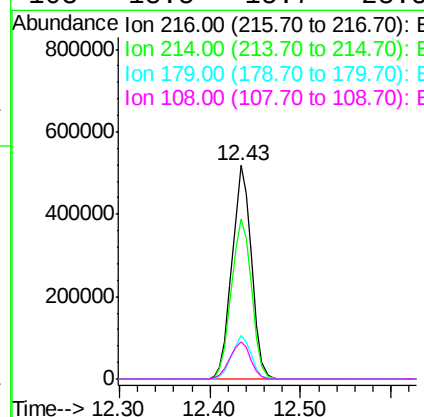
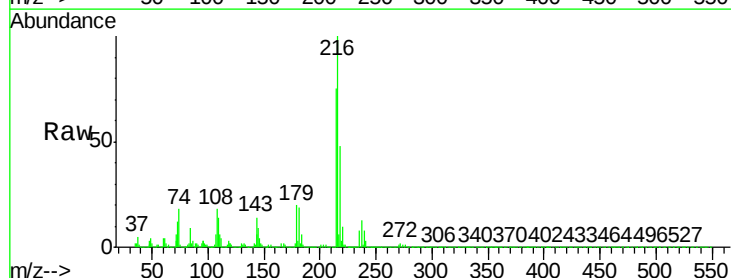
Instrument :
BNA_P
ClientSampleId :

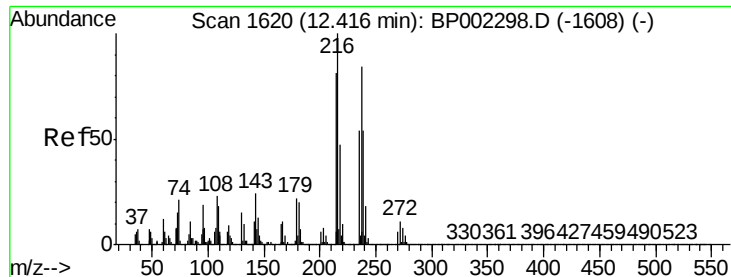
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.3	121.9
160	45.0	37.2	55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.299 ng
RT: 12.43 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.2	94.8
179	20.3	16.3	24.5
108	18.5	15.7	23.5

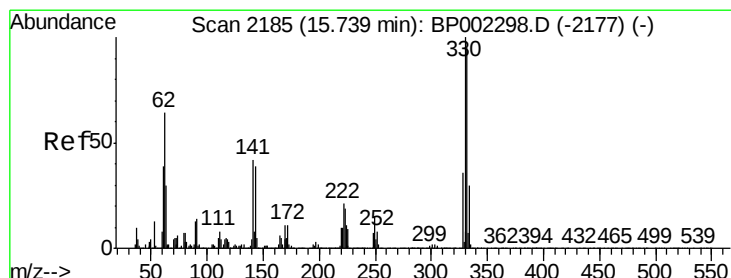
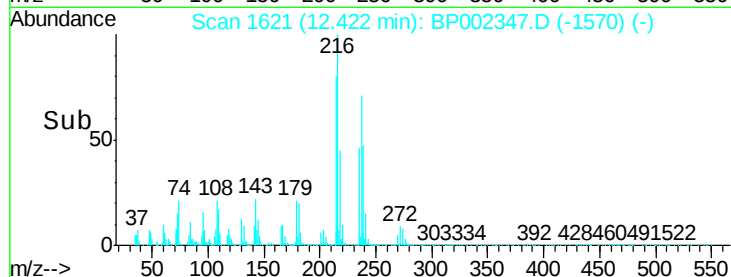
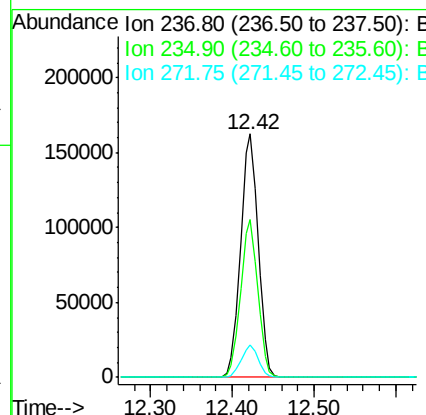
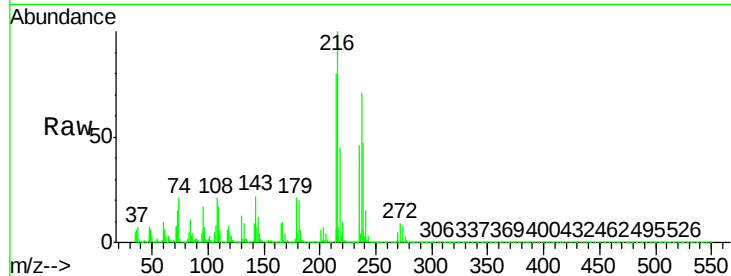




#41
Hexachlorocyclopentadiene
Concen: 29.682 ng
RT: 12.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

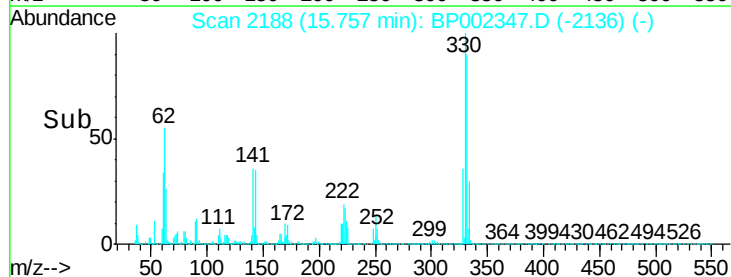
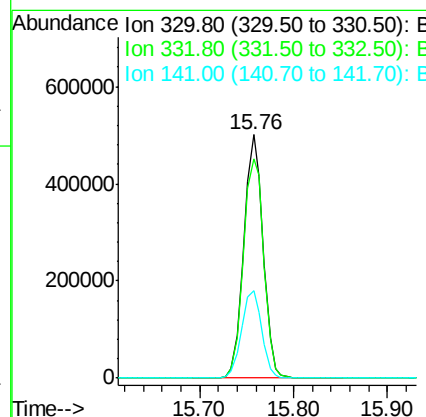
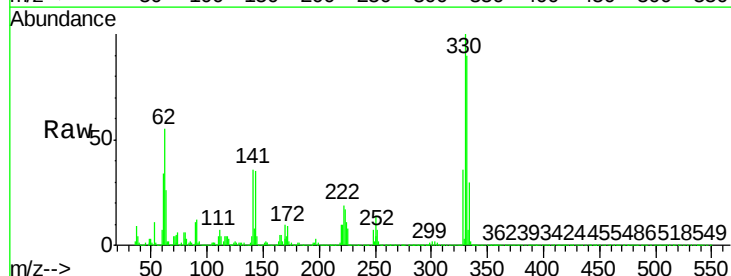
Instrument :
BNA_P
ClientSampleId :

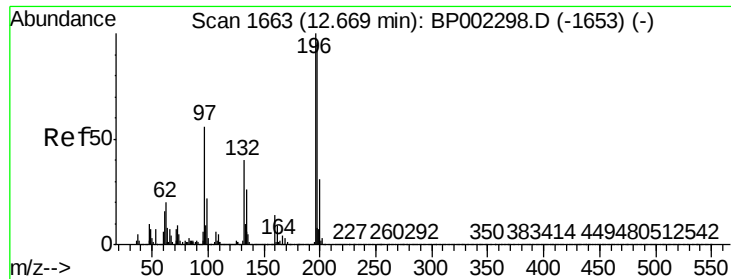
Tot Ion:237 Resp: 243632
Ion Ratio Lower Upper
237 100
235 64.9 43.6 83.6
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 129.026 ng
RT: 15.76 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:330 Resp: 710399
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 37.7 31.4 47.2

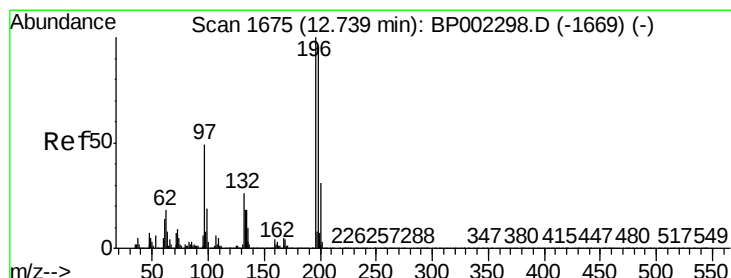
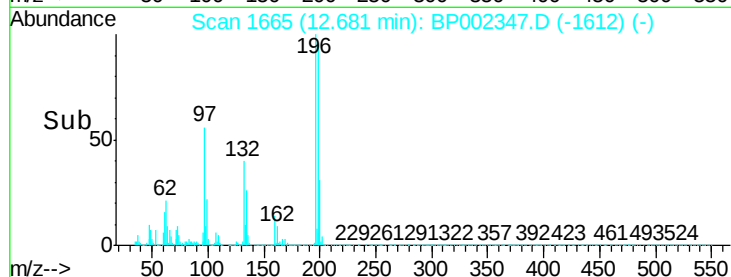
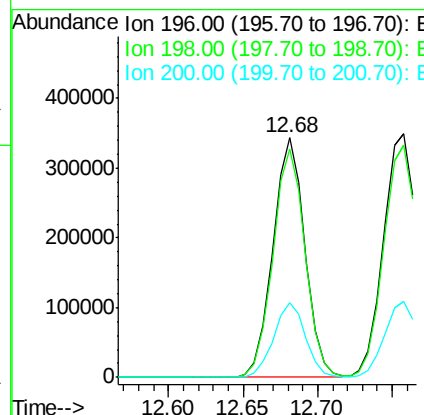
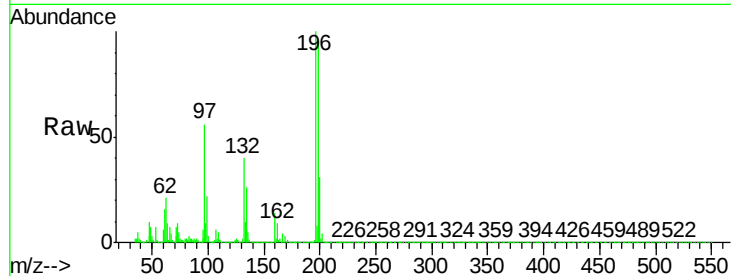




#43
 2,4,6-Trichlorophenol
 Concen: 47.743 ng
 RT: 12.68 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

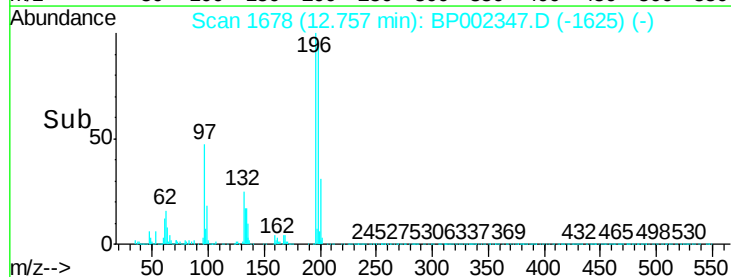
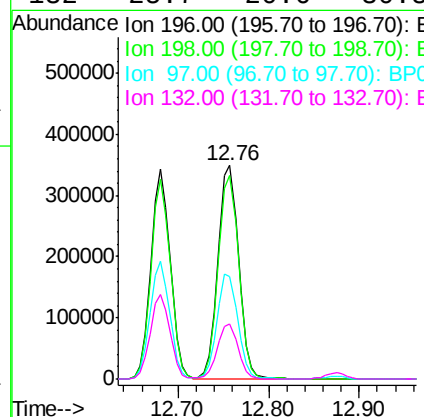
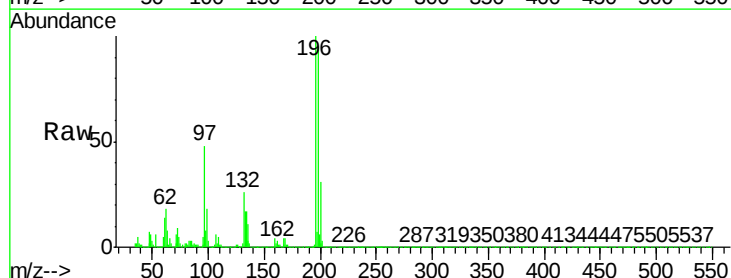
Instrument :
 BNA_P
 ClientSampleId :

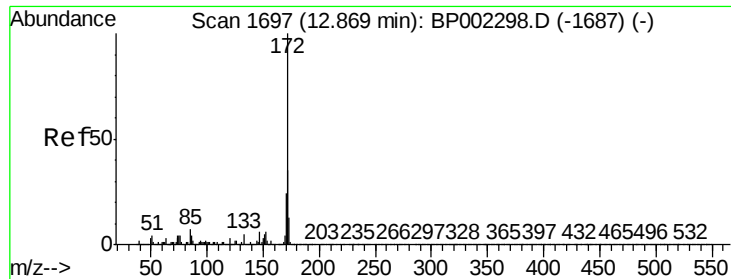
Tot Ion:196 Resp: 510348
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.9 116.9
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.562 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

Tgt Ion:196 Resp: 552768
 Ion Ratio Lower Upper
 196 100
 198 95.2 72.8 109.2
 97 48.0 40.3 60.5
 132 25.7 20.6 30.8

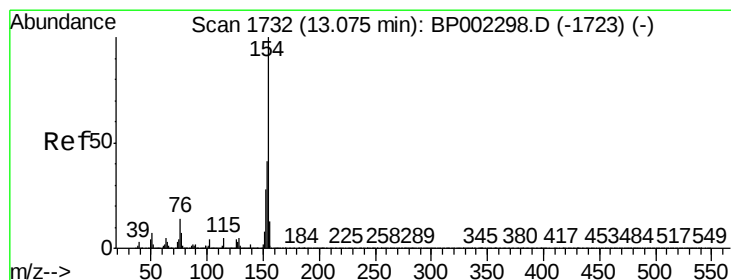
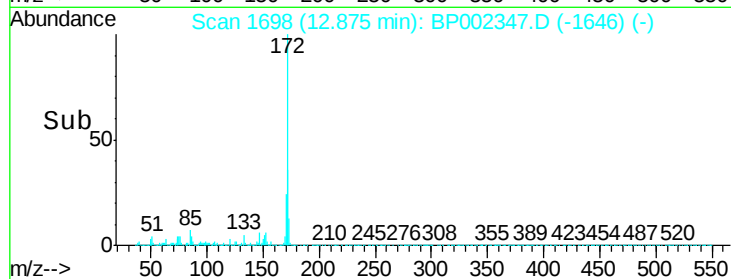
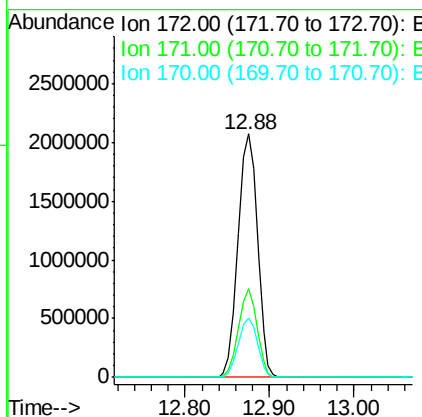
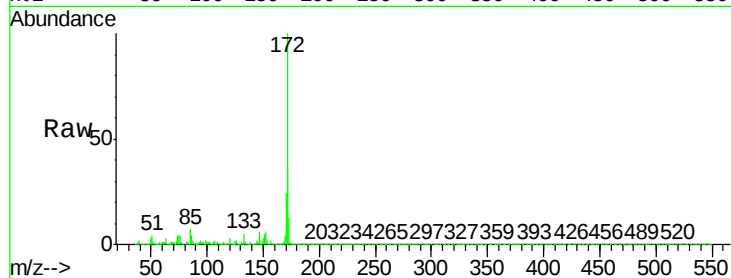




#45
2-Fluorobiphenyl
Concen: 99.293 ng
RT: 12.88 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

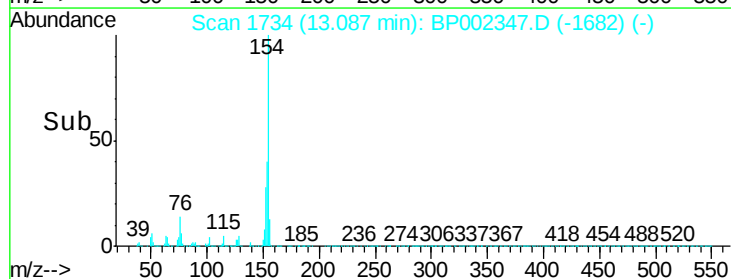
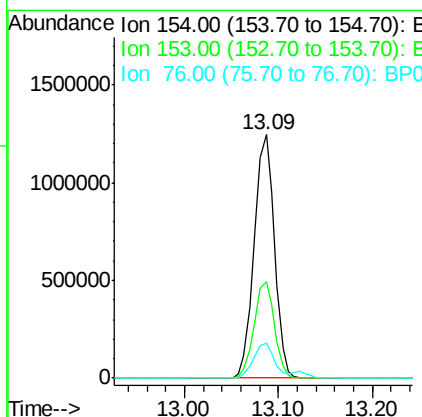
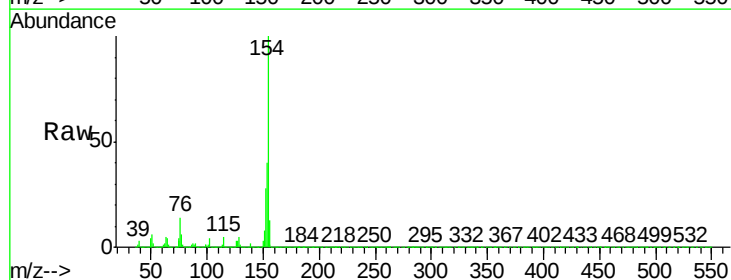
Instrument :
BNA_P
ClientSampleId :

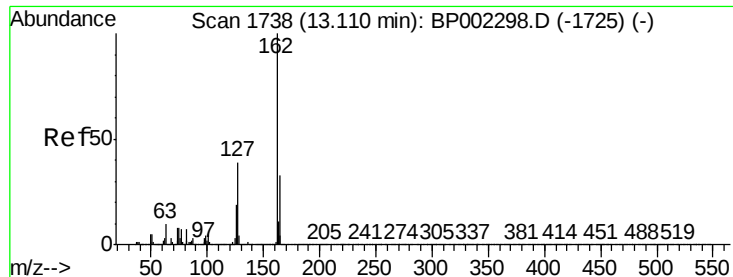
Tot Ion:172 Resp: 3269017
Ion Ratio Lower Upper
172 100
171 36.2 27.6 41.4
170 24.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.888 ng
RT: 13.09 min Scan# 1734
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:154 Resp: 1861063
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 14.2 0.0 34.4

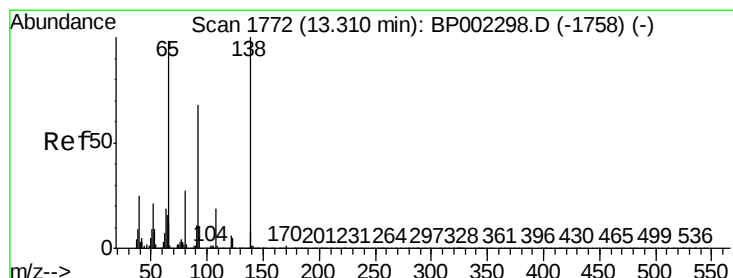
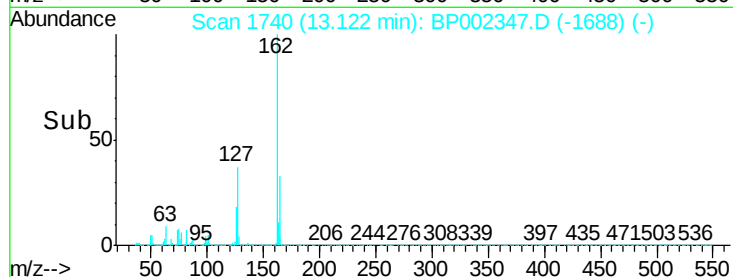
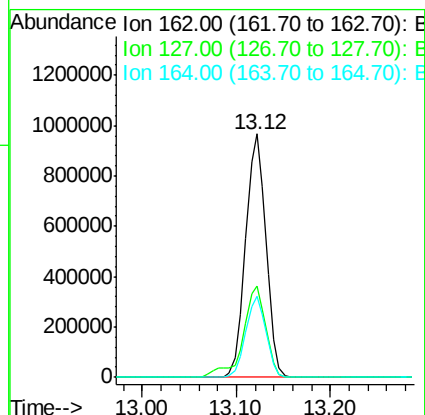
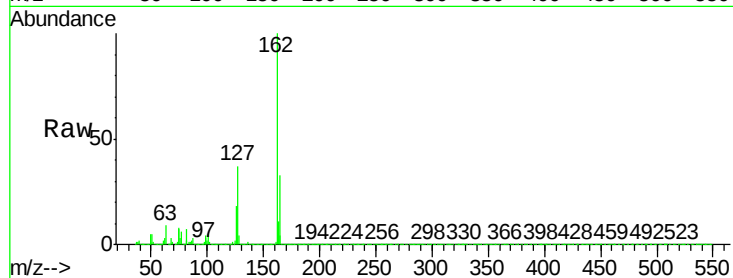




#47
2-Chloronaphthalene
Concen: 46.055 ng
RT: 13.12 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

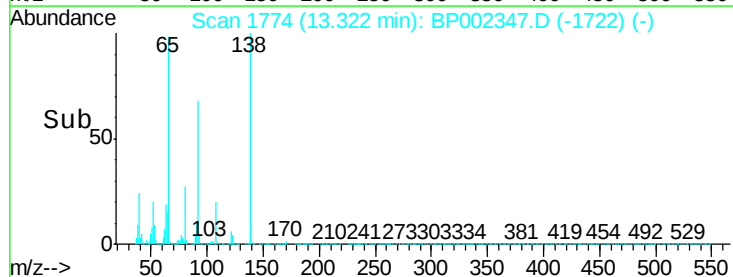
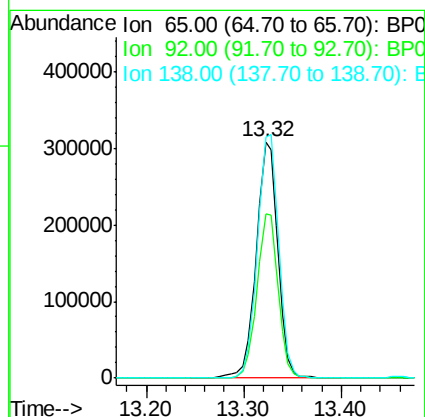
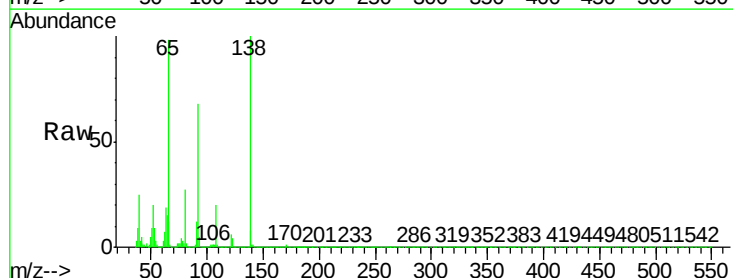
Instrument :
BNA_P
ClientSampleId :

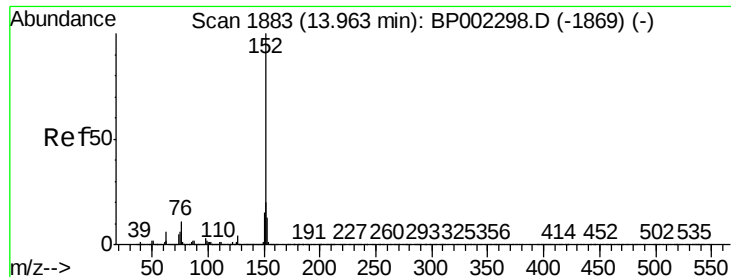
Tot Ion:162 Resp: 1446470
Ion Ratio Lower Upper
162 100
127 37.5 30.2 45.4
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 49.789 ng
RT: 13.32 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion: 65 Resp: 480860
Ion Ratio Lower Upper
65 100
92 69.6 54.5 81.7
138 101.9 80.2 120.2





#49

Acenaphthylene

Concen: 47.933 ng

RT: 13.98 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

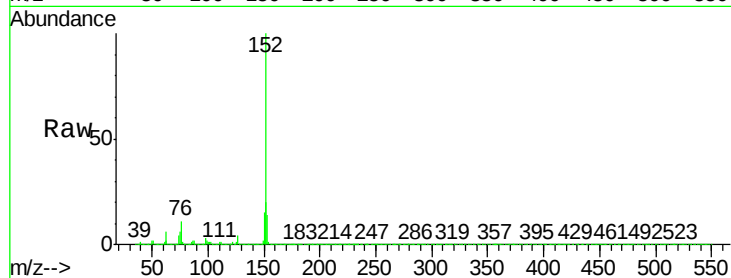
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2385457

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.7	10.4	15.6

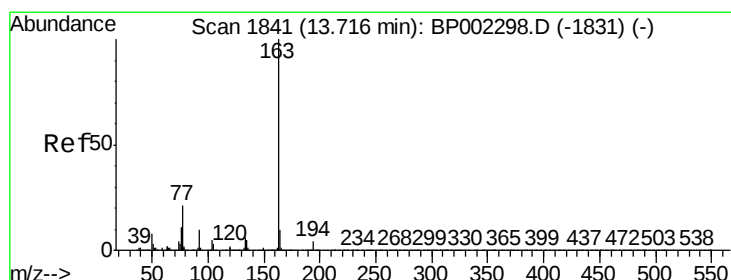
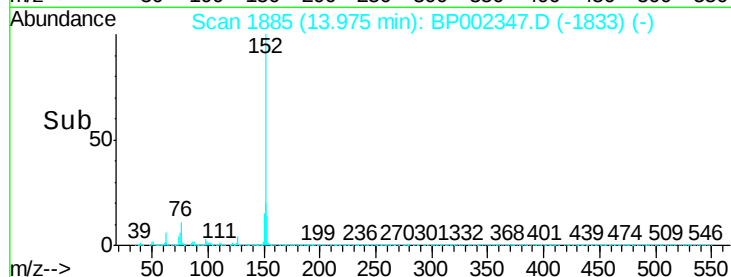
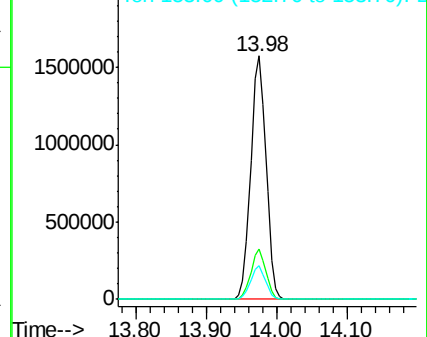


Abundance

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: 59.202 ng

RT: 13.72 min Scan# 1842

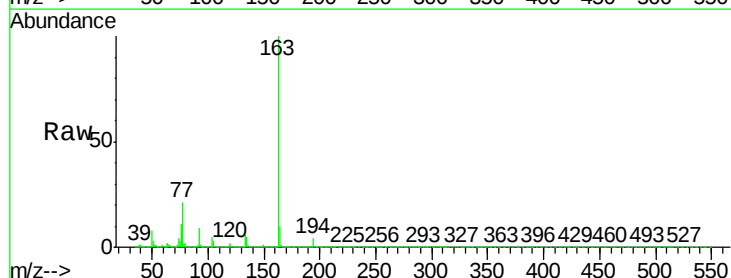
Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:163 Resp: 2327982

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.1	12.1

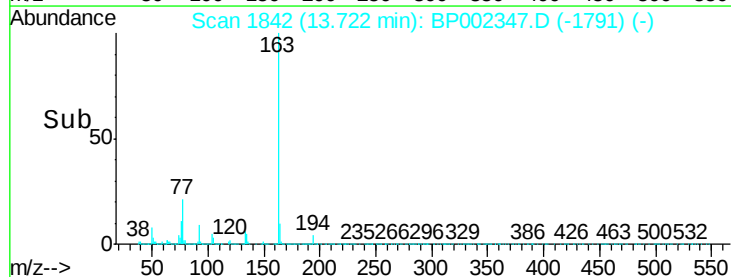
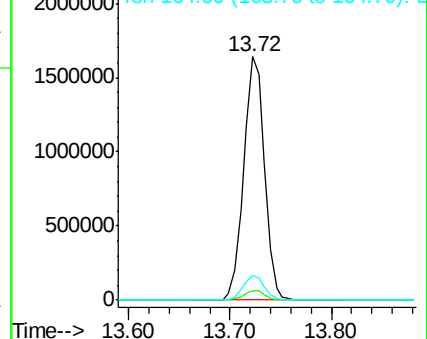


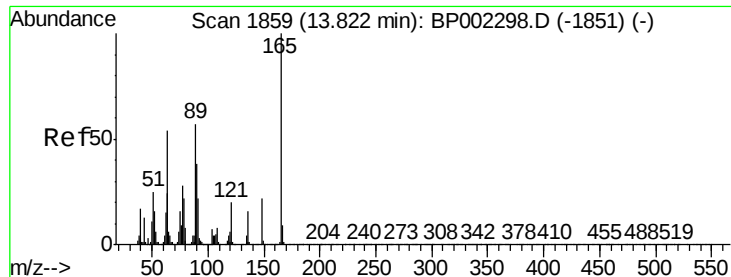
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

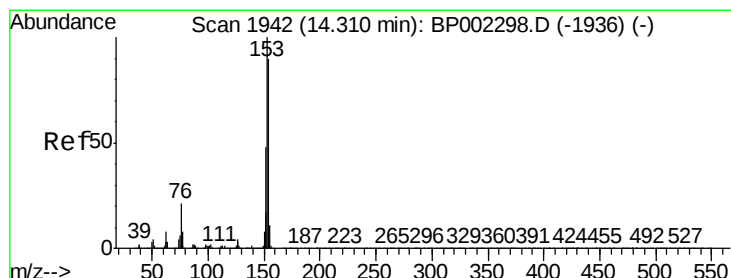
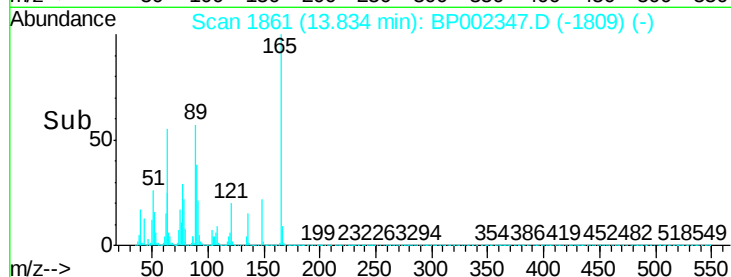
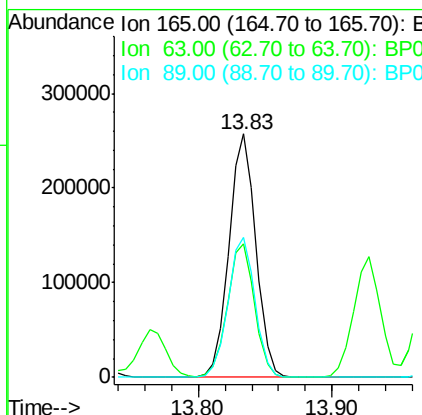
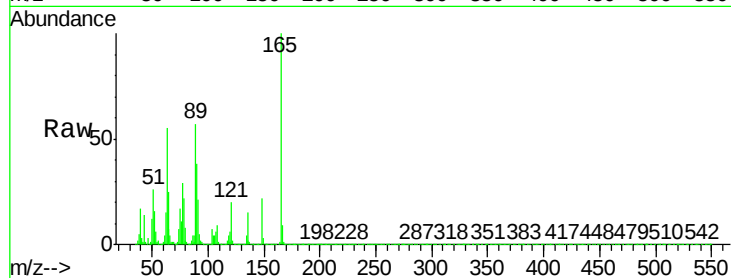




#51
 2,6-Dinitrotoluene
 Concen: 42.333 ng
 RT: 13.83 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

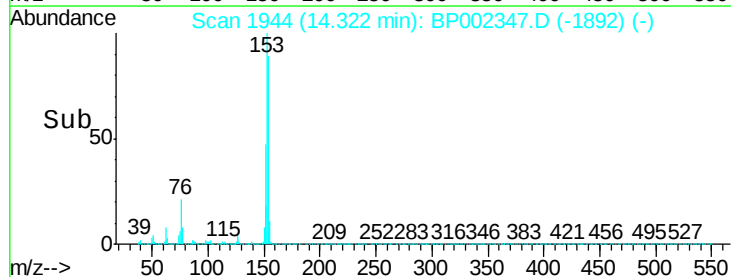
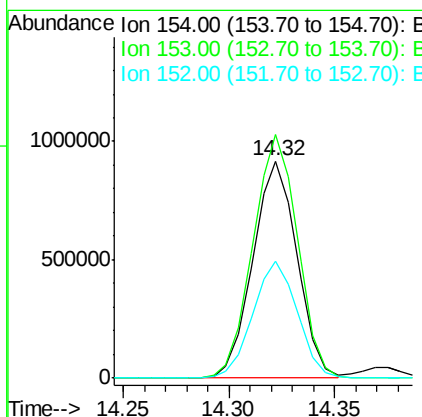
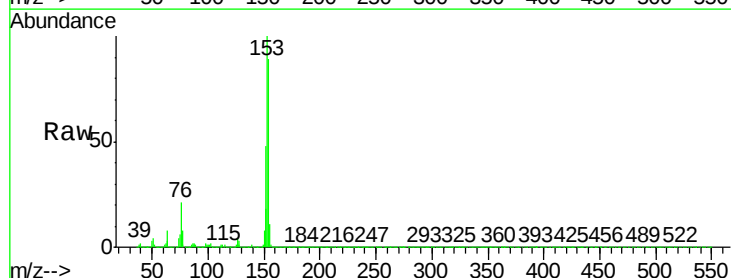
Instrument :
 BNA_P
 ClientSampleId :

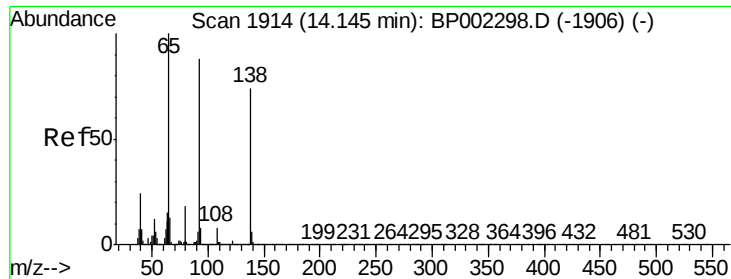
Tot Ion:165 Resp: 361260
 Ion Ratio Lower Upper
 165 100
 63 54.9 45.5 68.3
 89 57.4 47.6 71.4



#52
 Acenaphthene
 Concen: 41.721 ng
 RT: 14.32 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

Tgt Ion:154 Resp: 1335730
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.7 134.5
 152 53.6 44.0 66.0

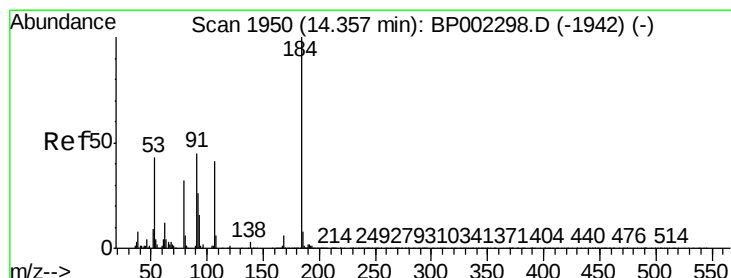
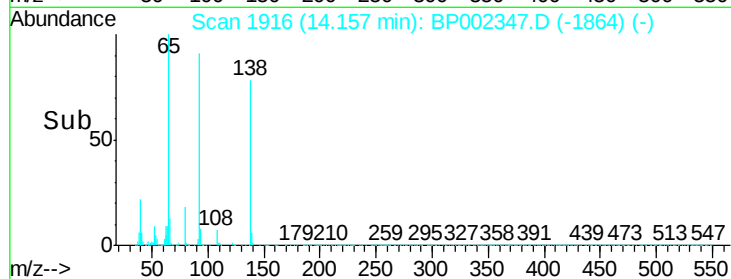
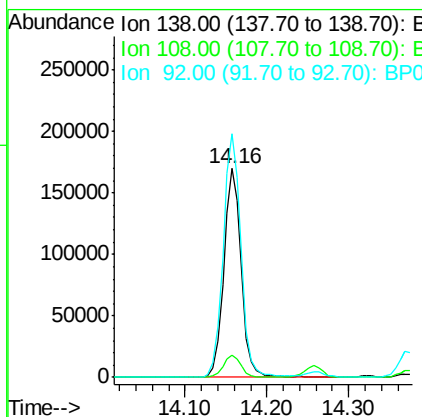
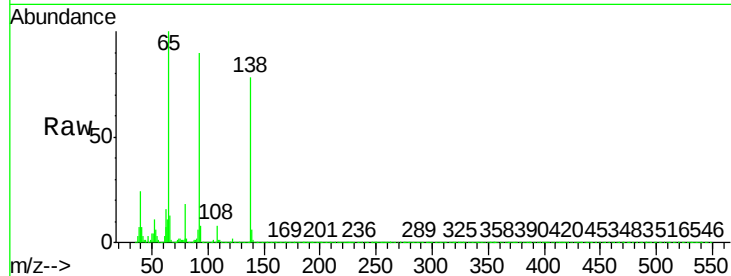




#53
3-Nitroaniline
Concen: 25.524 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

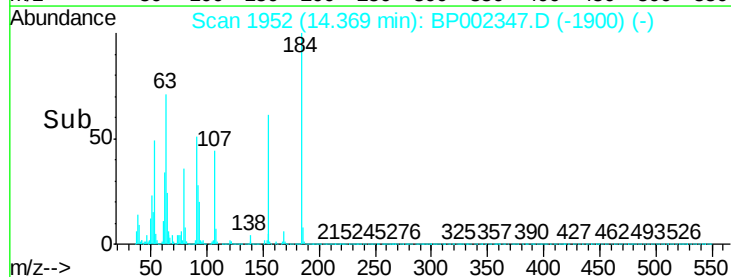
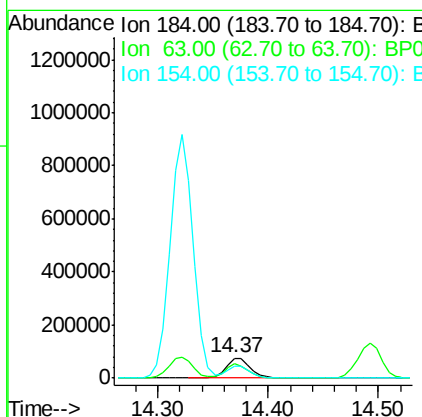
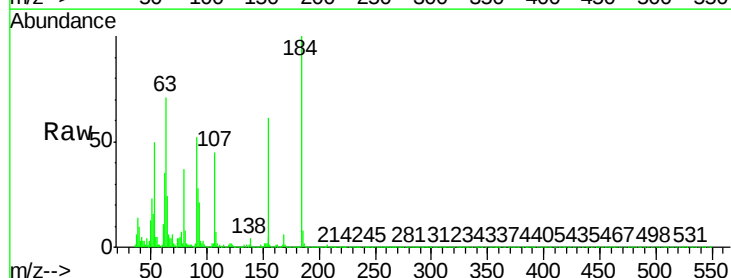
Instrument :
BNA_P
ClientSampled :

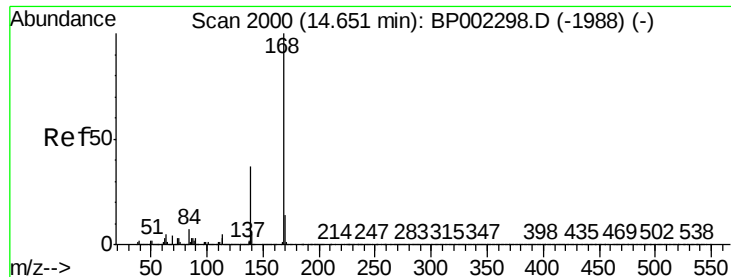
Tot Ion:138 Resp: 249213
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 116.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 26.700 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:184 Resp: 115132
Ion Ratio Lower Upper
184 100
63 71.4 53.6 80.4
154 60.7 47.4 71.2





#55

Dibenzofuran

Concen: 43.937 ng

RT: 14.66 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

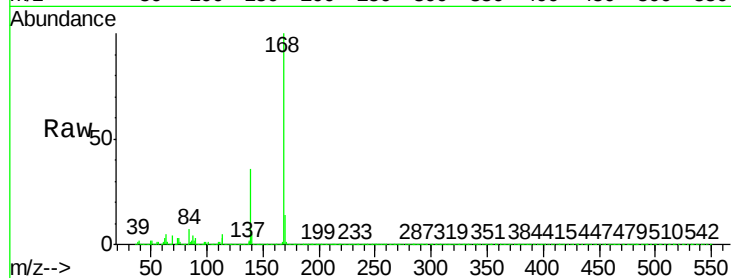
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 2079940

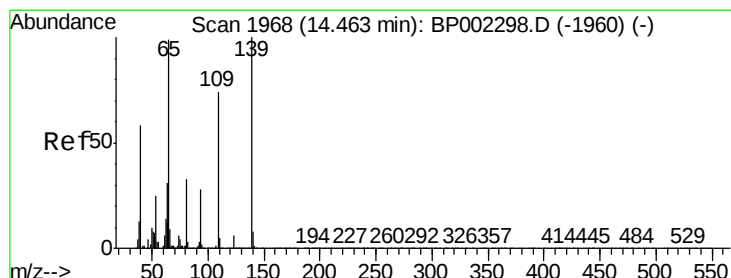
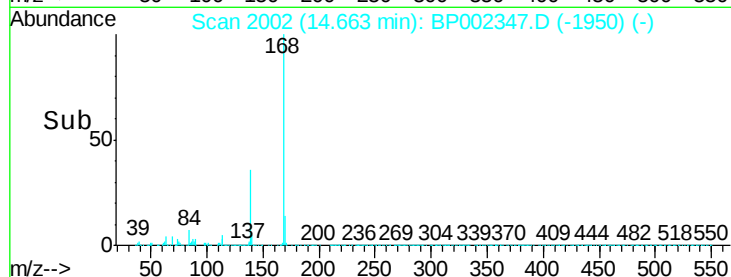
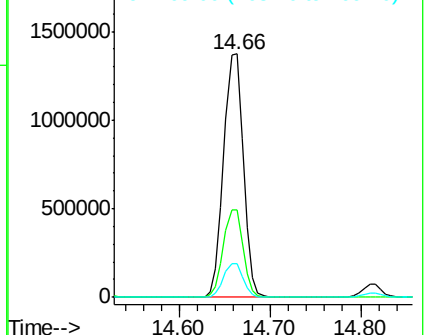
Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.9	43.3
169	13.6	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.675 ng

RT: 14.49 min Scan# 1973

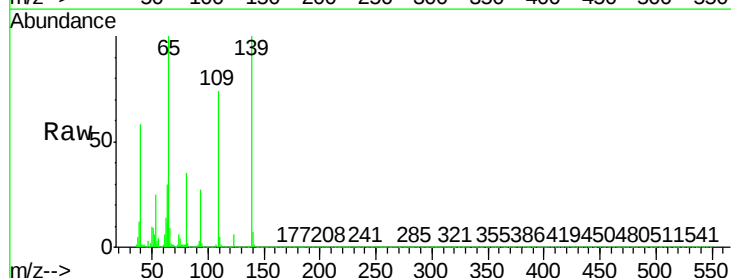
Delta R.T. 0.02 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:139 Resp: 684308

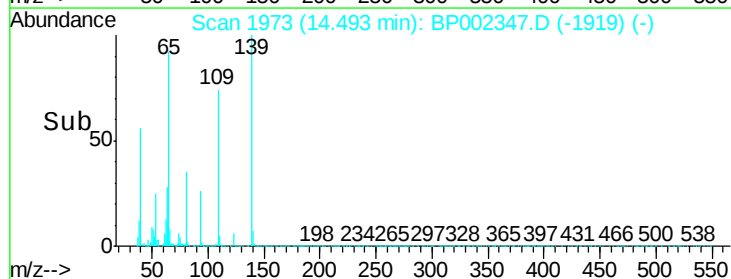
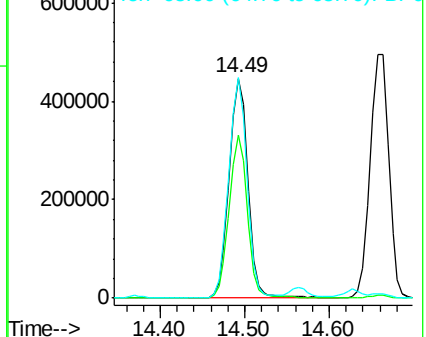
Ion	Ratio	Lower	Upper
139	100		
109	73.9	51.1	91.1
65	100.2	79.2	119.2

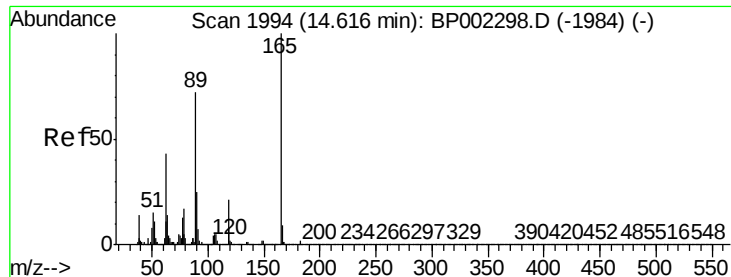


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

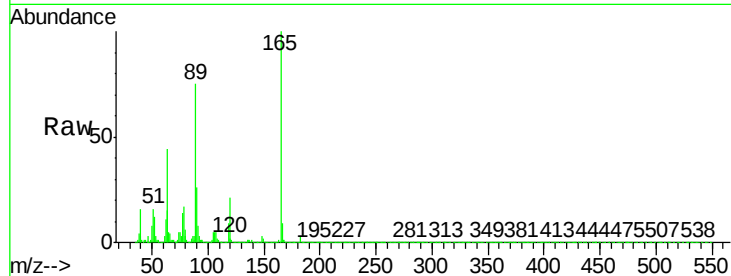




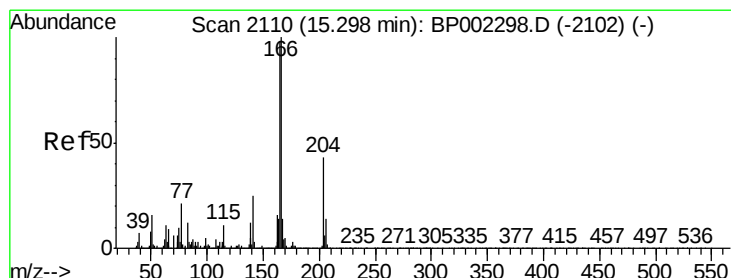
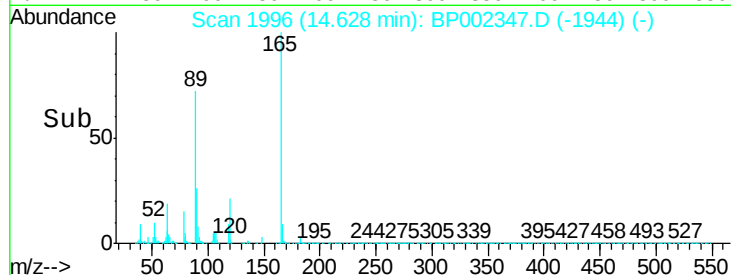
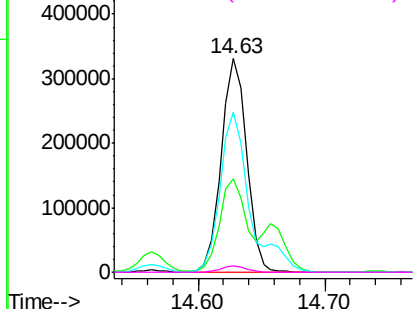
#57
2,4-Dinitrotoluene
Concen: 40.073 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:165 Resp: 459646
Ion Ratio Lower Upper
165 100
63 43.7 36.8 55.2
89 74.6 61.6 92.4
182 2.8 2.1 3.1

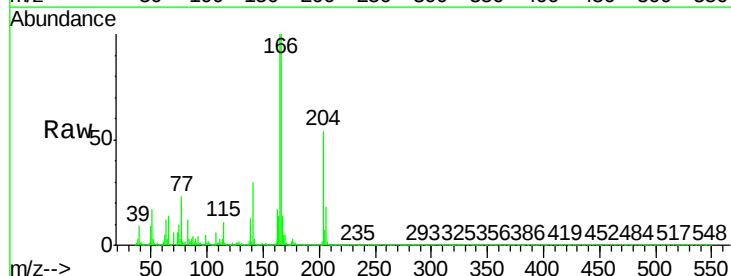


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

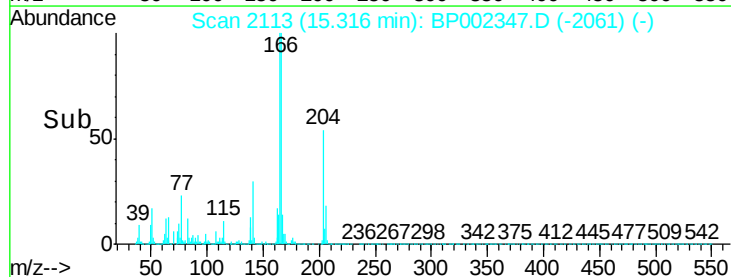
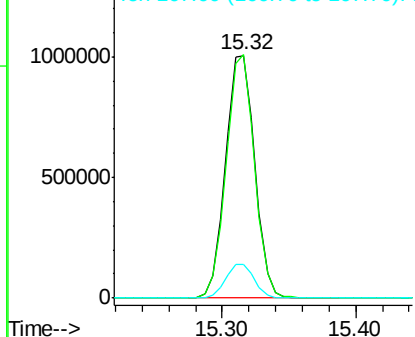


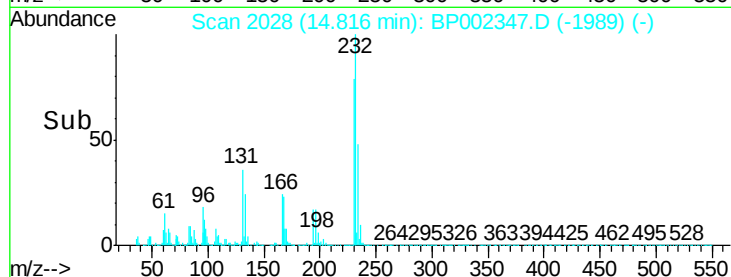
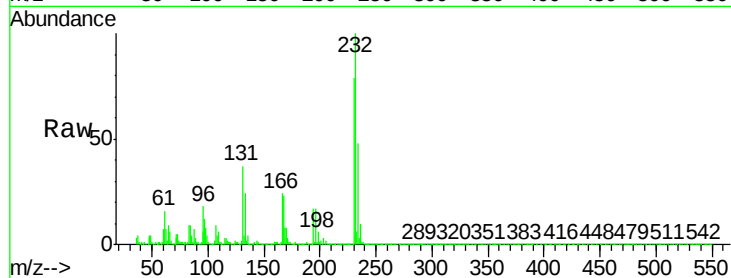
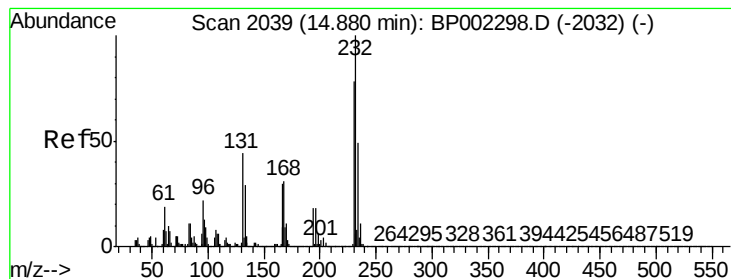
#58
Fluorene
Concen: 43.878 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:166 Resp: 1540527
Ion Ratio Lower Upper
166 100
165 100.4 75.8 113.8
167 13.9 10.6 16.0



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: 47.922 ng

RT: 14.82 min Scan# 2028

Delta R.T. -0.07 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 473468

Ion Ratio Lower Upper

232 100

131 38.7 32.1 48.1

130 2.5 1.8 2.8

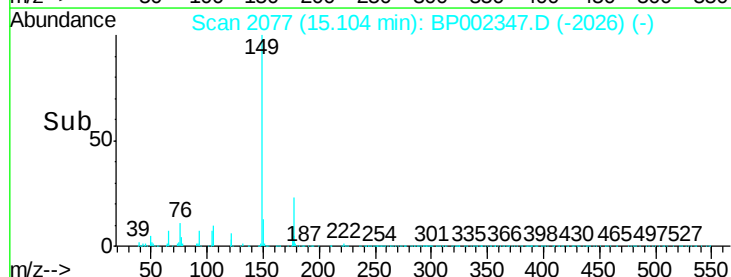
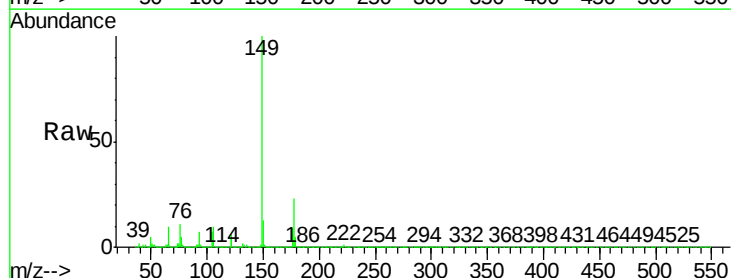
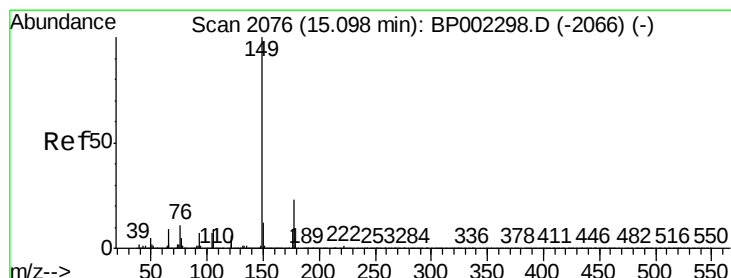
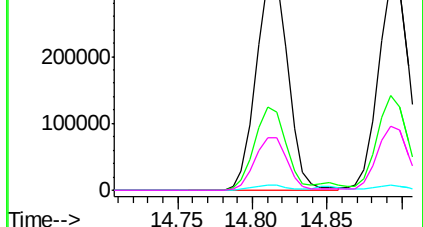
166 25.0 20.3 30.5

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: 42.703 ng

RT: 15.10 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:149 Resp: 1660535

Ion Ratio Lower Upper

149 100

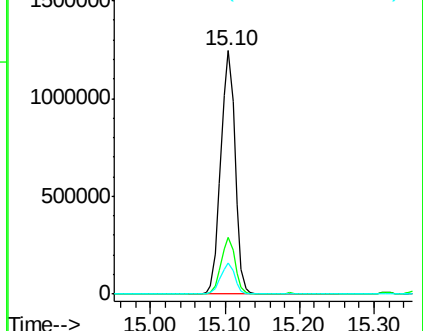
177 23.3 18.2 27.2

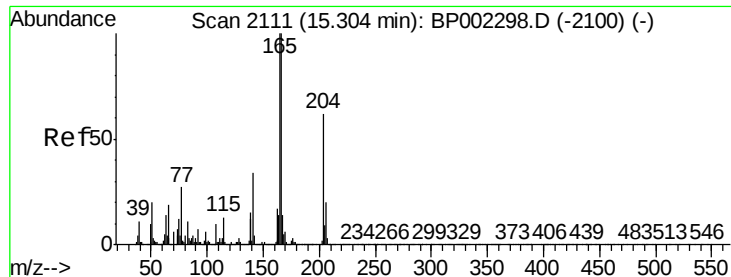
150 12.6 10.2 15.4

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

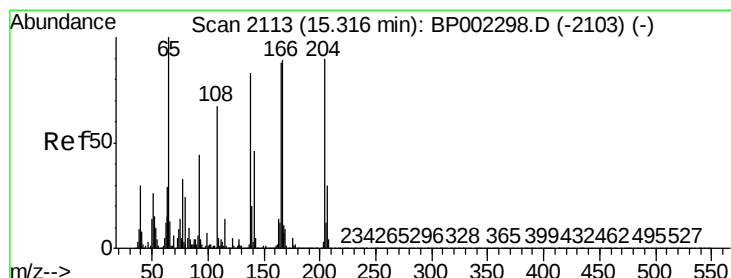
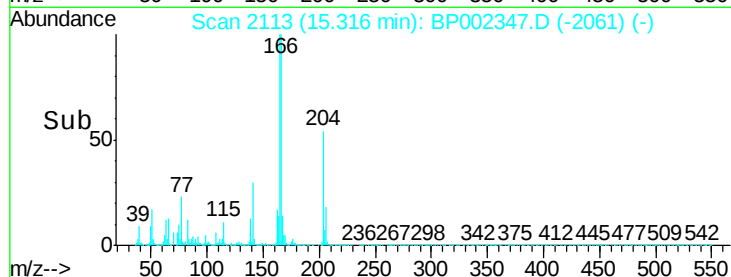
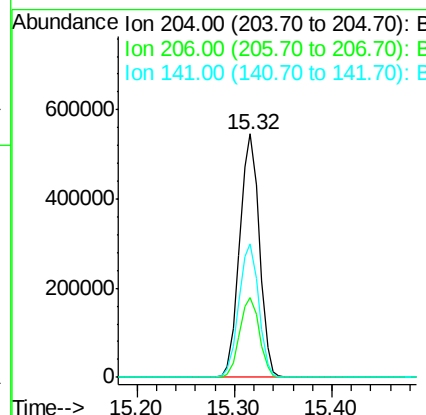
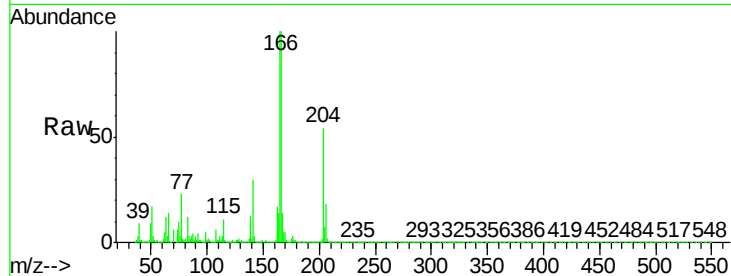




#61
4-Chlorophenyl-phenylether
Concen: 41.171 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

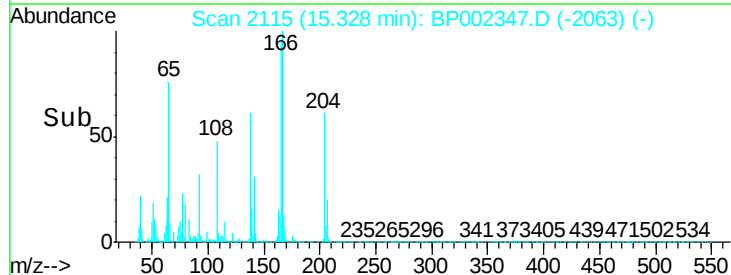
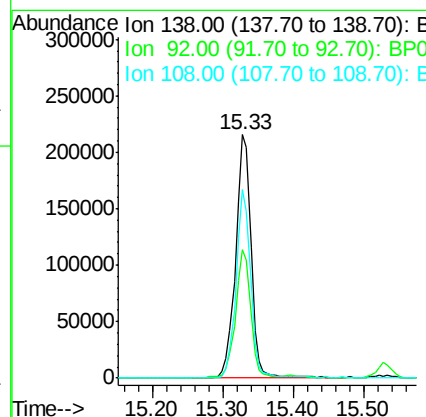
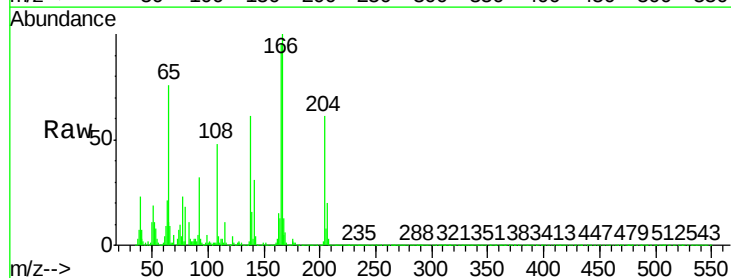
Instrument :
BNA_P
ClientSampled :

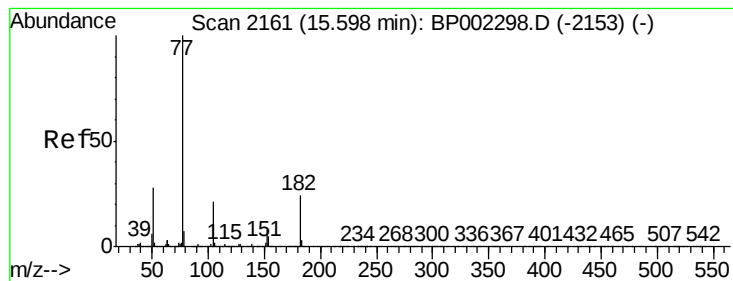
Tot Ion:204 Resp: 762794
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.8 45.4 68.0



#62
4-Nitroaniline
Concen: 36.289 ng
RT: 15.33 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:138 Resp: 327984
Ion Ratio Lower Upper
138 100
92 52.8 33.2 73.2
108 77.7 60.3 100.3





#63

Azobenzene

Concen: 43.985 ng

RT: 15.61 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

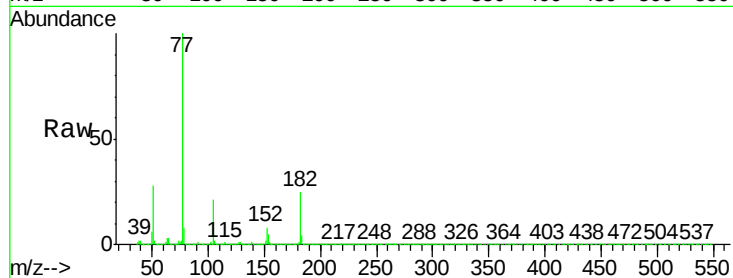
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1753878

Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.4	44.4
105	21.2	1.1	41.1
51	28.0	8.1	48.1

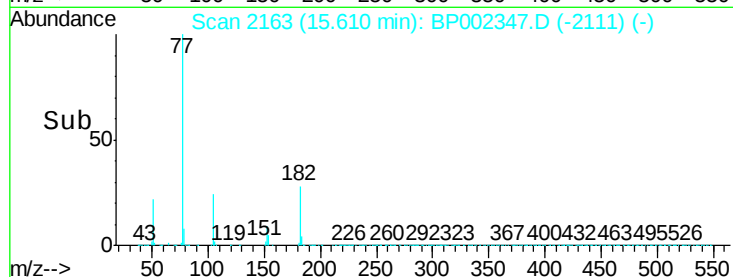


Abundance Ion 77.00 (76.70 to 77.70): BP0

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



Time-->

15.61

1500000

1000000

500000

0

15.60 15.70

0

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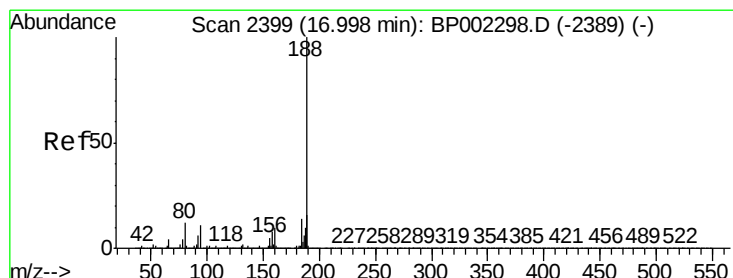
0

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0

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2402

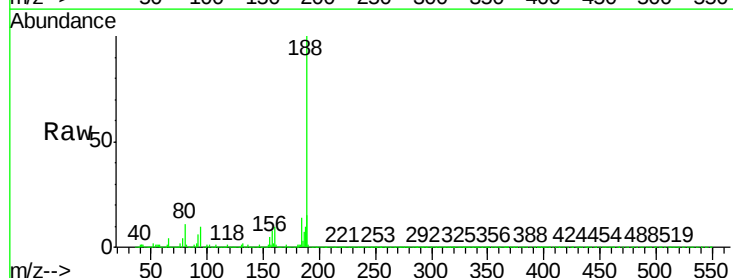
Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:188 Resp: 1208037

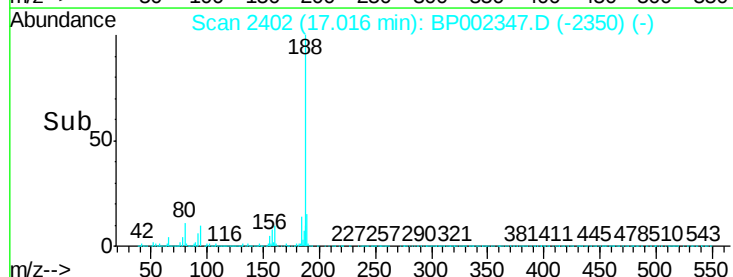
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.3	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->

17.02

1200000

1000000

800000

600000

400000

200000

0

16.90 17.00 17.10

0

0

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0

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0

0

0

0

0

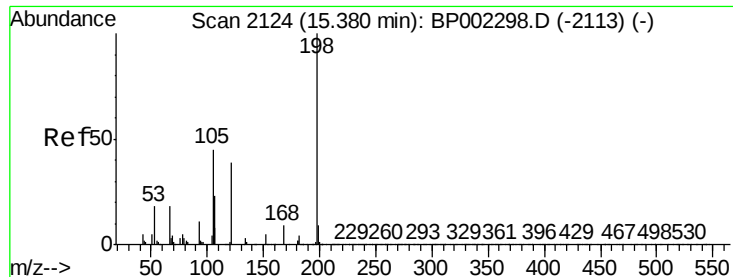
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0

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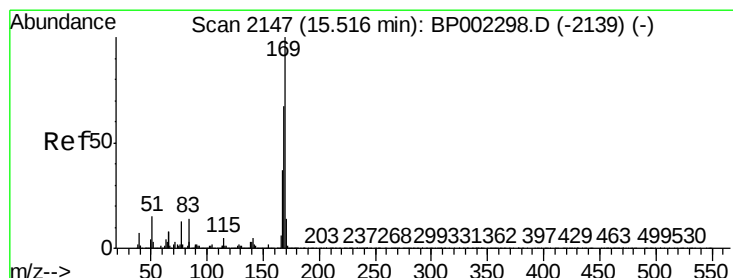
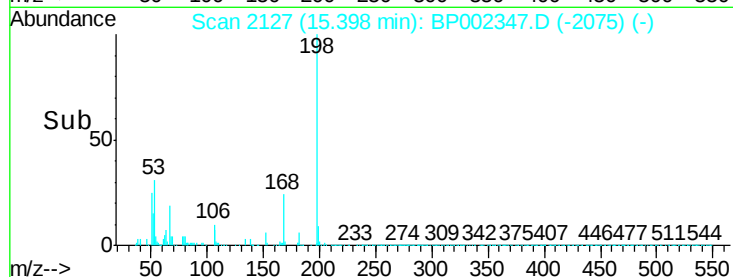
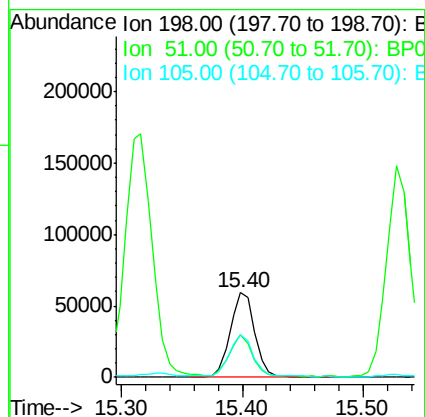
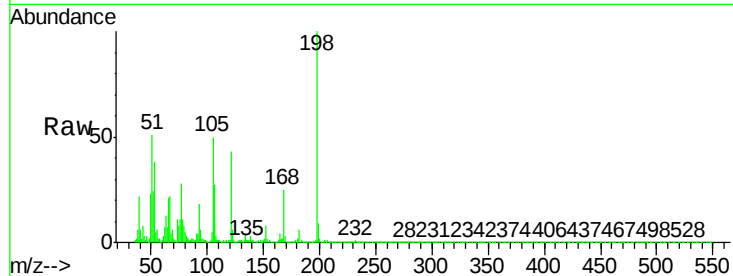
0



#65
4,6-Dinitro-2-methylphenol
Concen: 14.096 ng
RT: 15.40 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

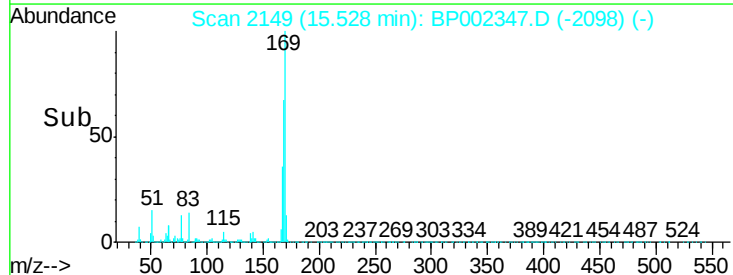
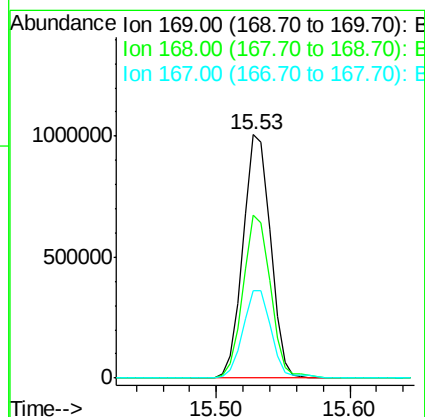
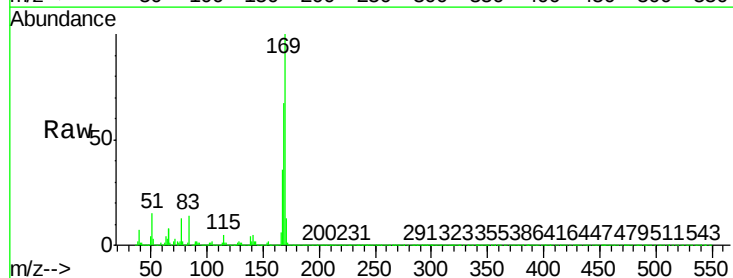
Instrument :
BNA_P
ClientSampleId :

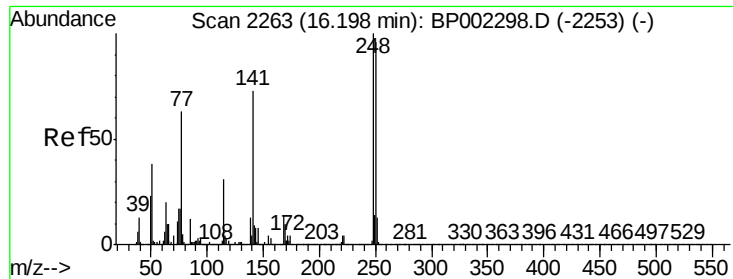
Tot Ion:198 Resp: 84211
Ion Ratio Lower Upper
198 100
51 50.9 25.4 65.4
105 50.2 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.829 ng
RT: 15.53 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:169 Resp: 1421954
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 36.1 29.8 44.8

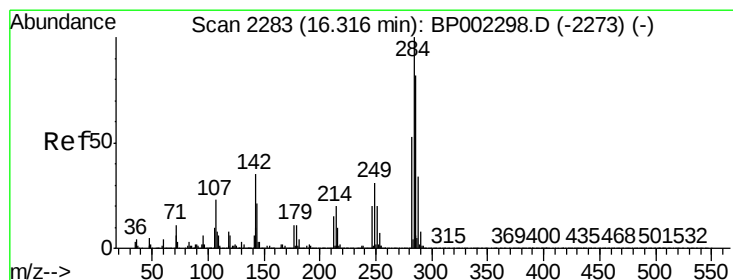
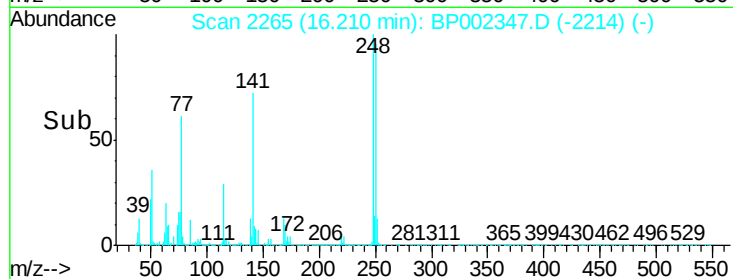
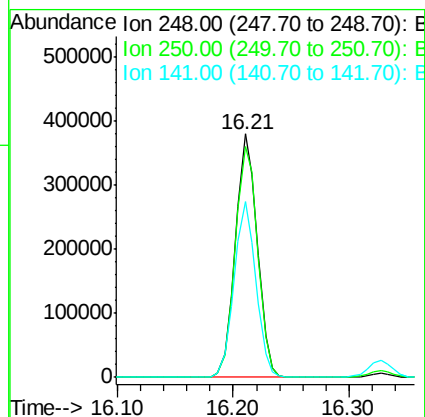
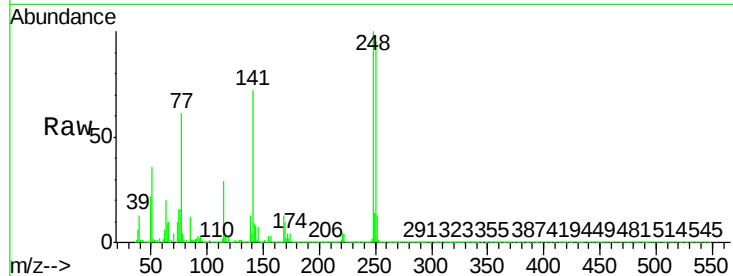




#67
4-Bromophenyl-phenylether
Concen: 41.920 ng
RT: 16.21 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

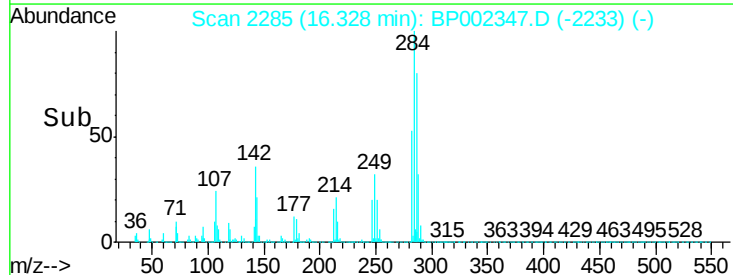
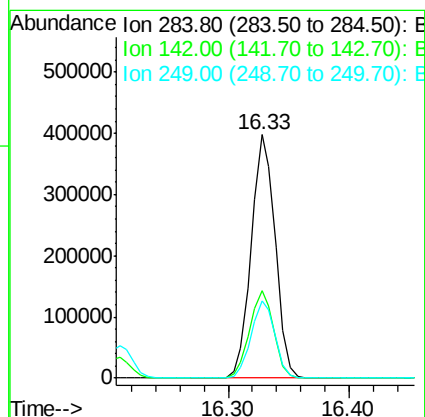
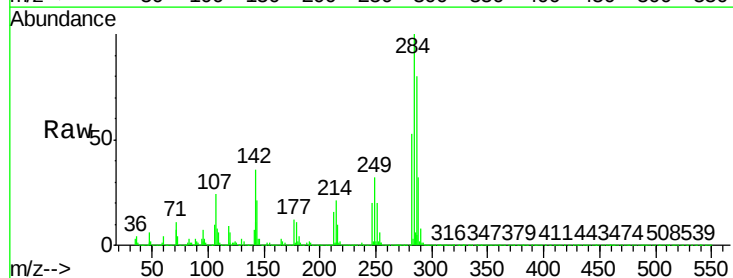
Instrument :
BNA_P
ClientSampled :

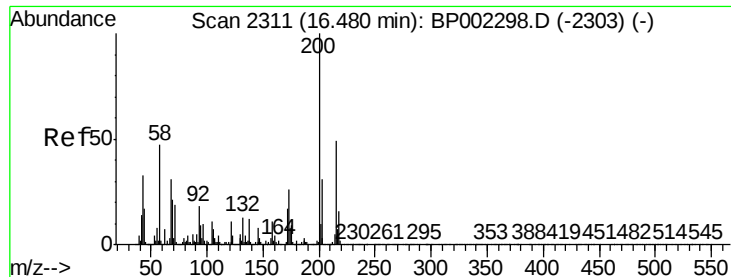
Tot Ion:248 Resp: 497683
Ion Ratio Lower Upper
248 100
250 94.8 77.5 116.3
141 72.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 43.854 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:284 Resp: 550057
Ion Ratio Lower Upper
284 100
142 35.8 27.0 40.4
249 31.7 24.6 37.0

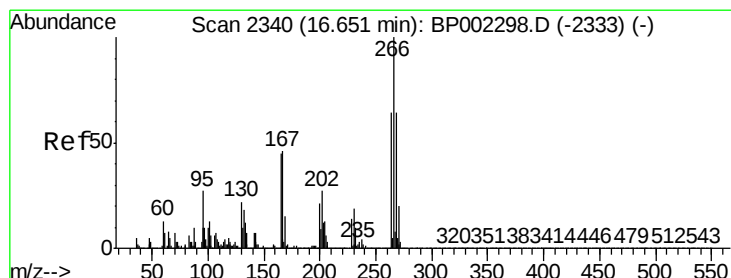
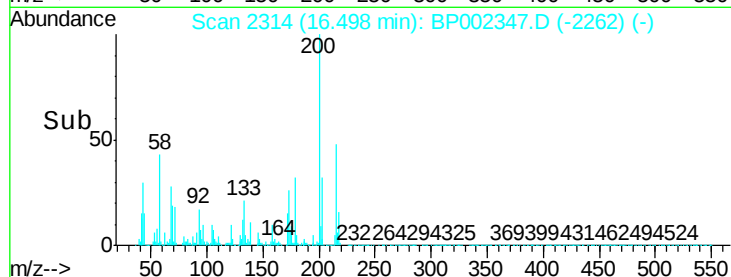
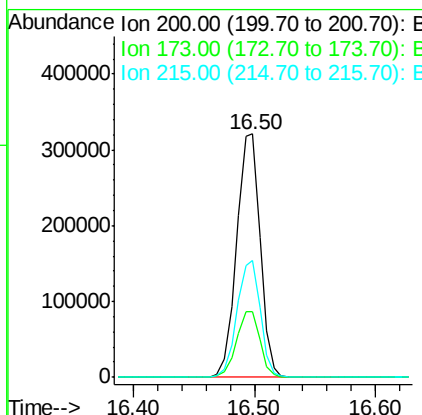
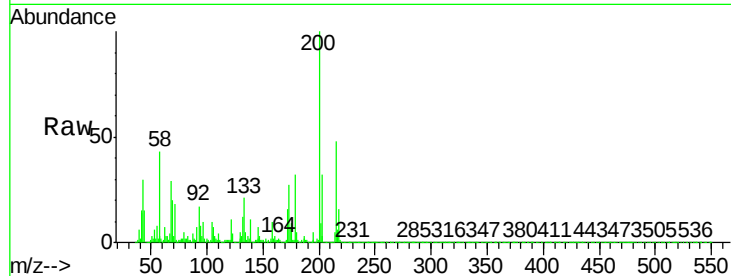




#69
Atrazine
Concen: 43.181 ng
RT: 16.50 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

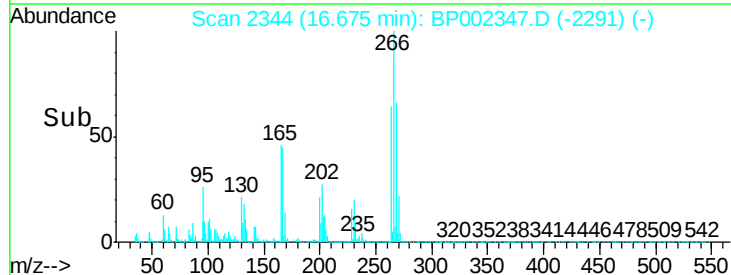
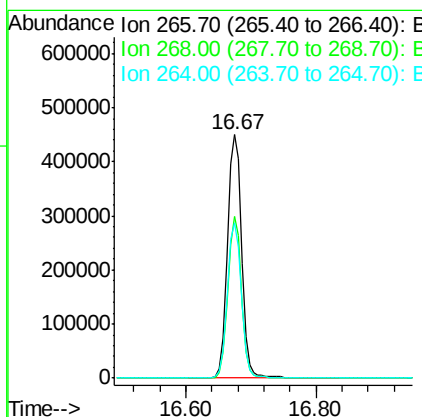
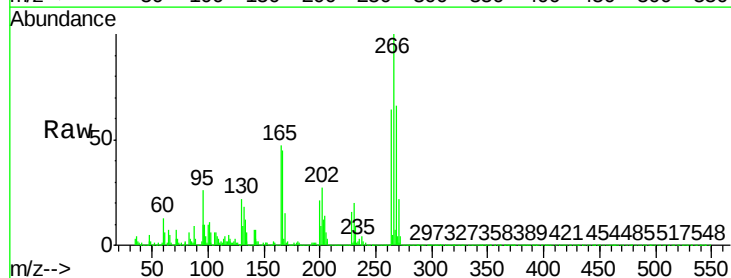
Instrument :
BNA_P
ClientSampleId :

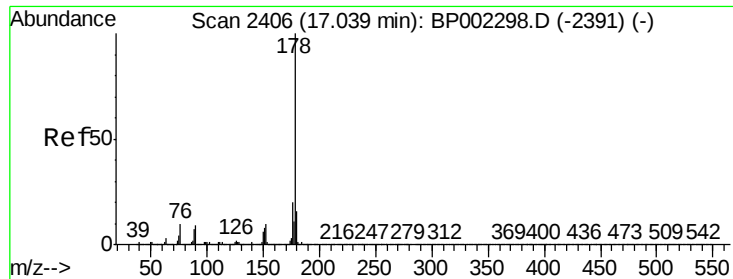
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.3	46.3
215	48.0	29.8	69.8



#70
Pentachlorophenol
Concen: 88.906 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.2	76.8
264	63.7	48.3	72.5

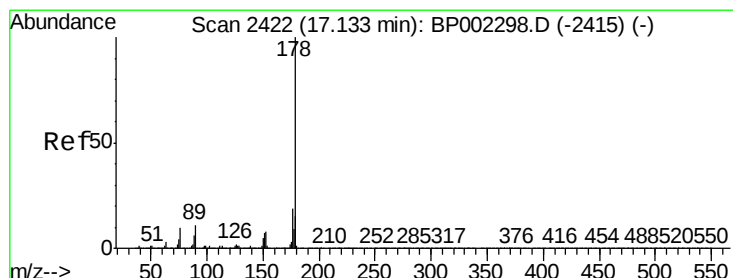
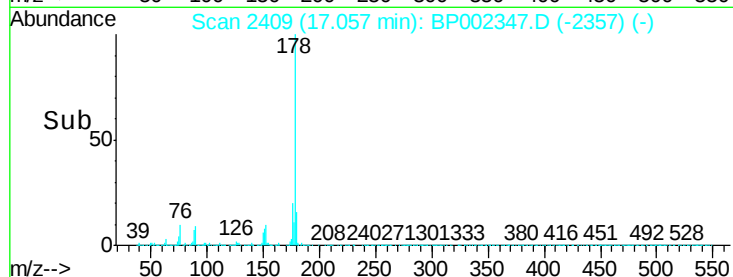
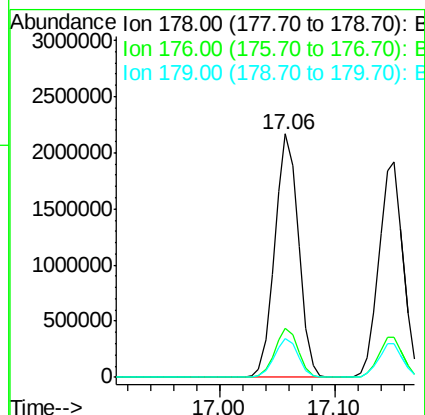
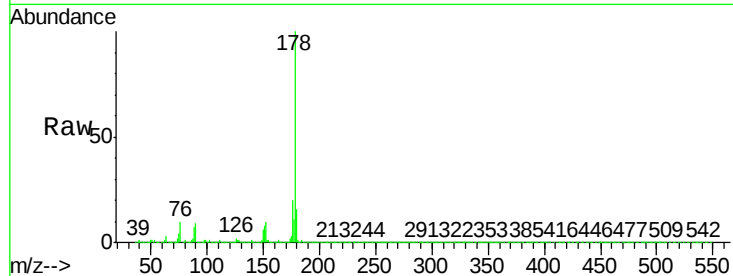




#71
Phenanthrene
Concen: 54.202 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

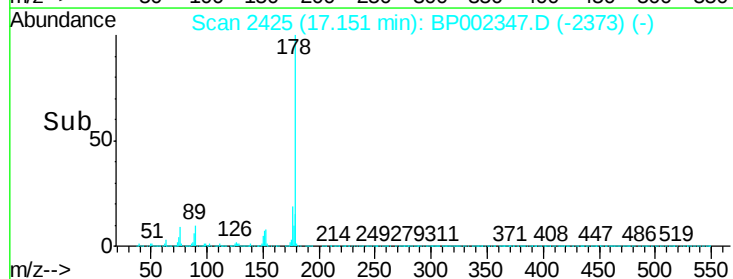
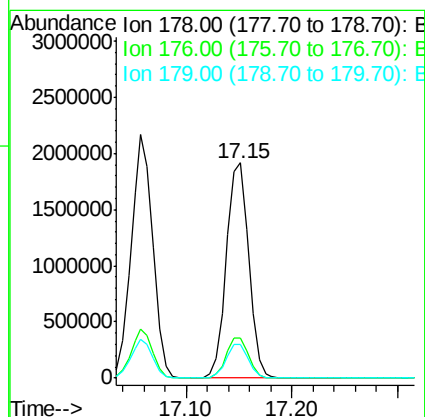
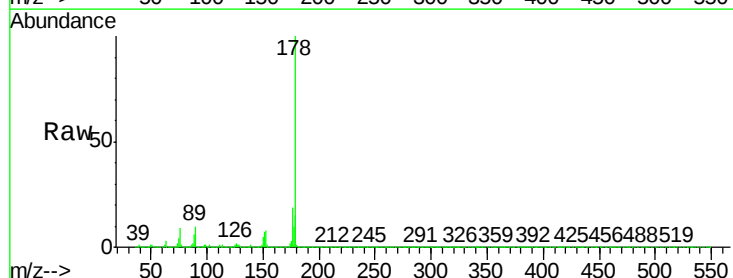
Instrument :
BNA_P
ClientSampled :

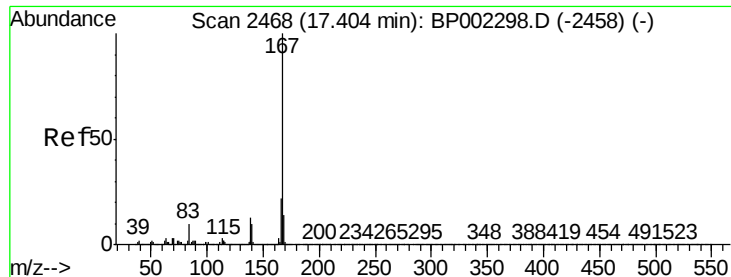
Tot Ion:178 Resp: 3101474
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.7 12.6 18.8



#72
Anthracene
Concen: 49.941 ng
RT: 17.15 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:178 Resp: 2811900
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.4 12.6 19.0

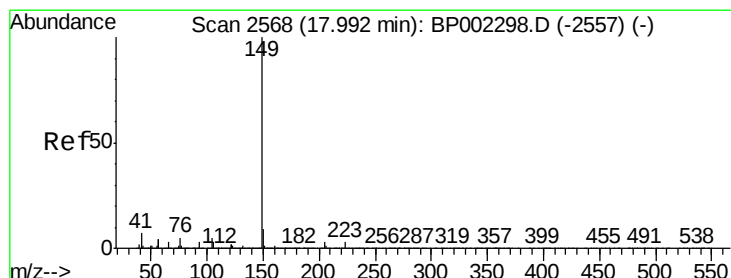
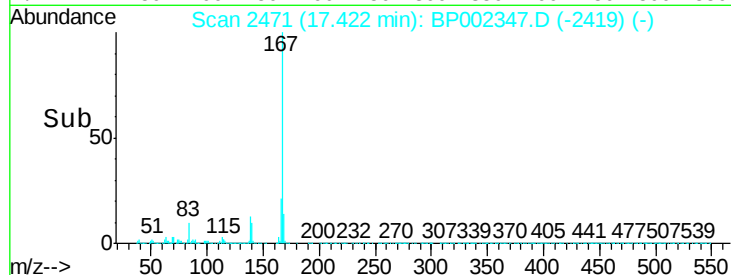
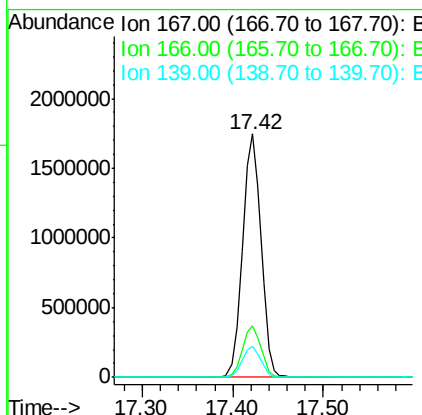
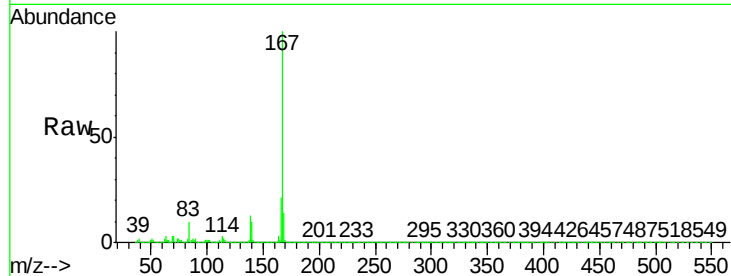




#73
 Carbazole
 Concen: 44.969 ng
 RT: 17.42 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

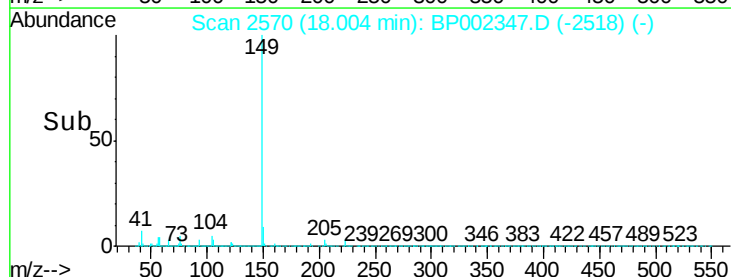
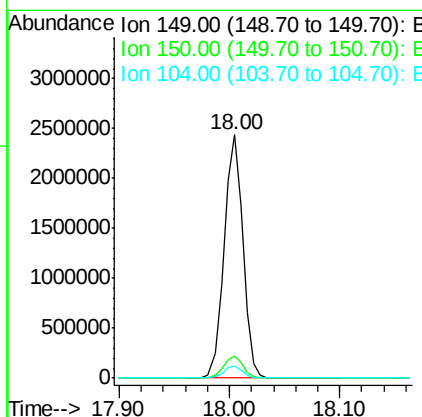
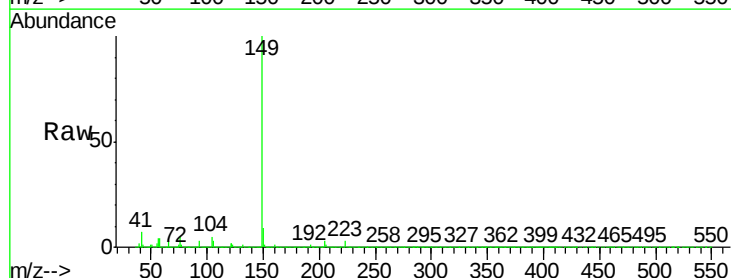
Instrument :
 BNA_P
 ClientSampleId :

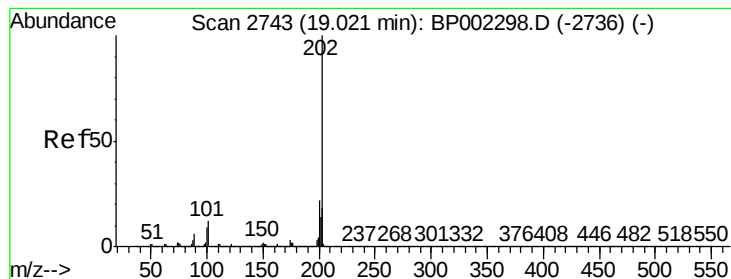
Tot Ion:167 Resp: 2475895
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.7 25.1
 139 12.9 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 46.426 ng
 RT: 18.00 min Scan# 2570
 Delta R.T. 0.01 min
 Lab File: BP002347.D
 Acq: 01 Jun 2020 19:41

Tgt Ion:149 Resp: 2908112
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 65.562 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

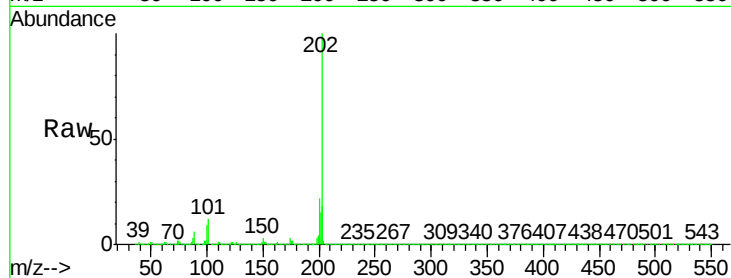
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 4321040

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	18.3	0.0	37.6

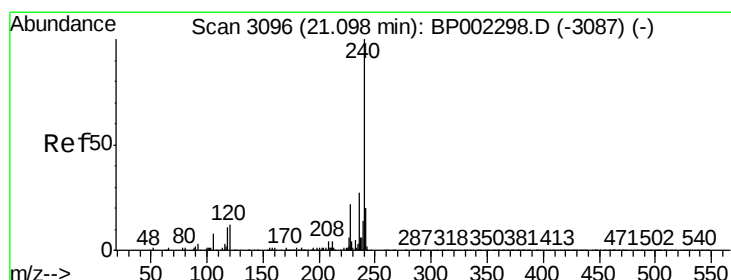
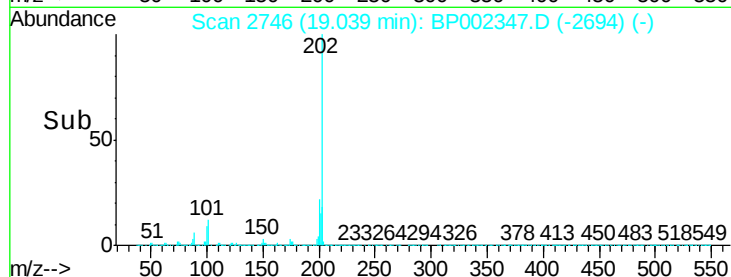
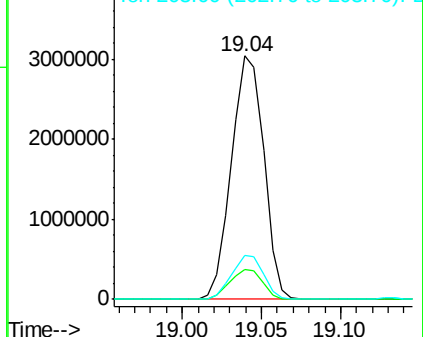


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.12 min Scan# 3100

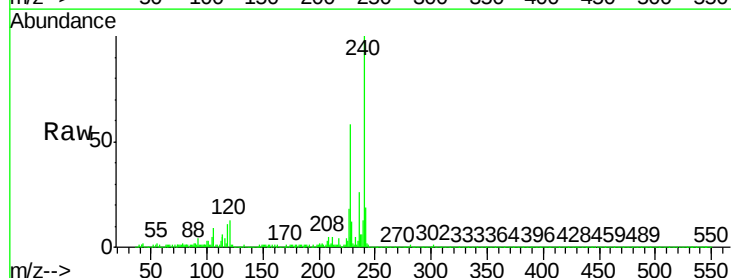
Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:240 Resp: 1052522

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.7	13.1
236	25.5	21.0	31.4

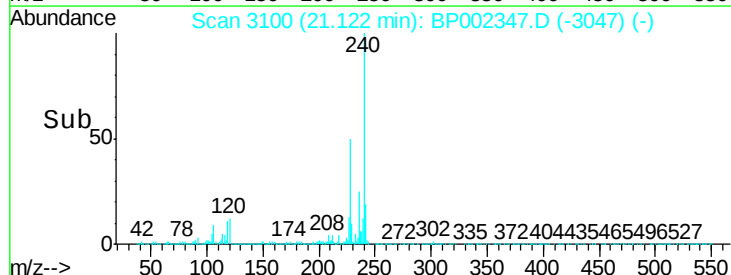
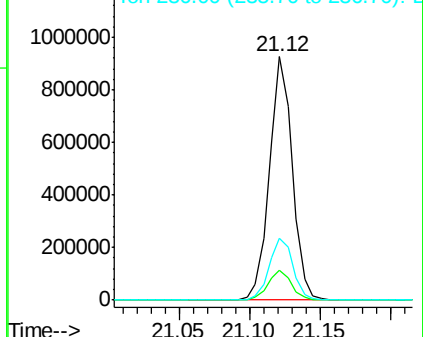


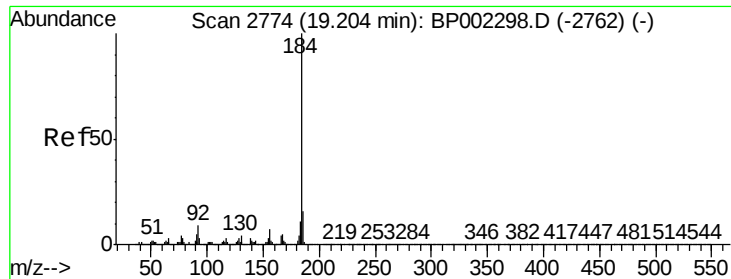
Abundance

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: 83.882 ng

RT: 19.22 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

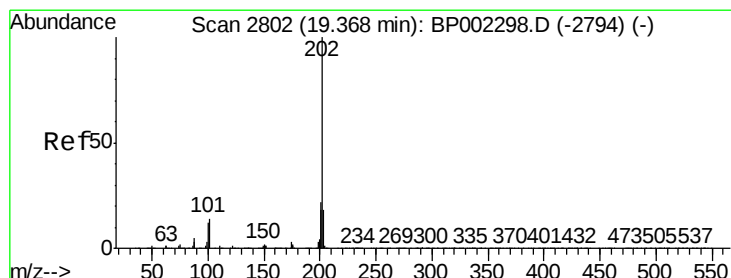
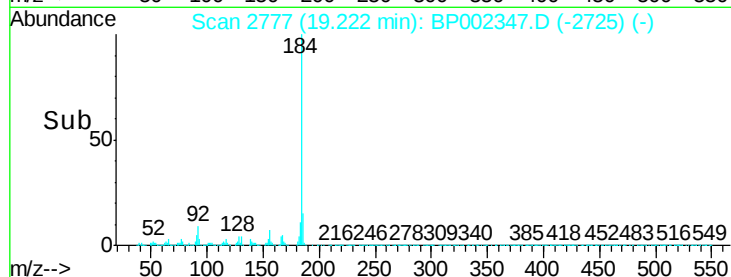
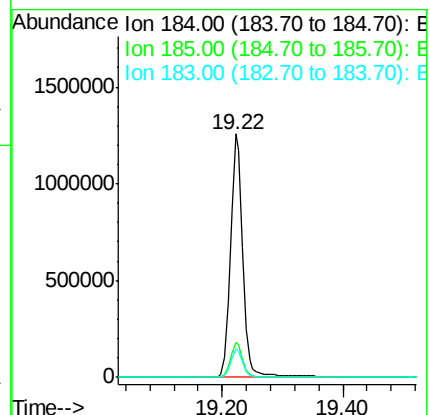
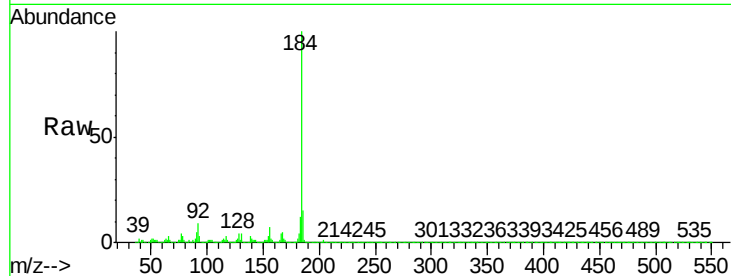
Tot Ion:184 Resp: 1792903

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

183 11.5 9.1 13.7



#78

Pyrene

Concen: 65.540 ng

RT: 19.39 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

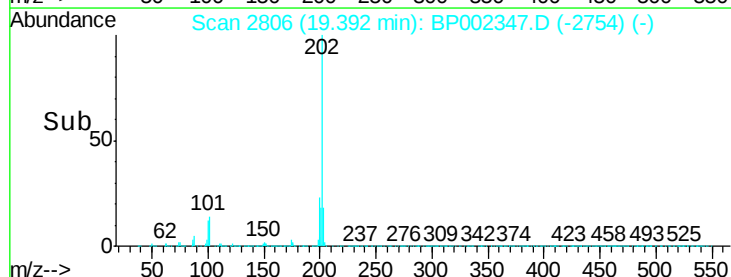
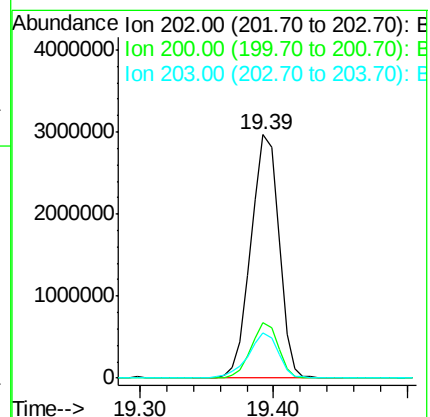
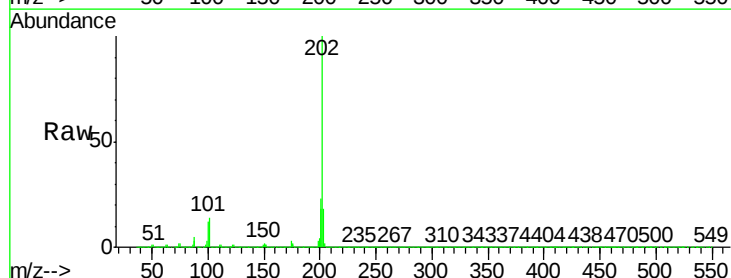
Tgt Ion:202 Resp: 4295487

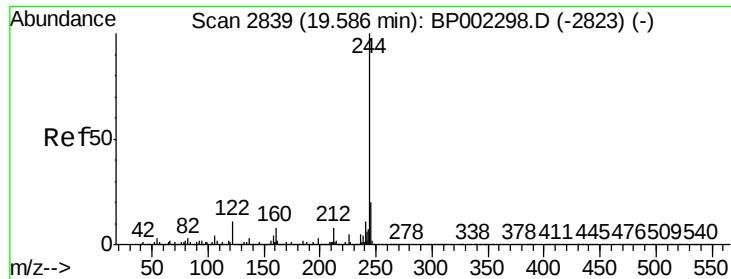
Ion Ratio Lower Upper

202 100

200 22.7 17.3 25.9

203 18.4 13.8 20.6





#79

Terphenyl-d14

Concen: 94.316 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

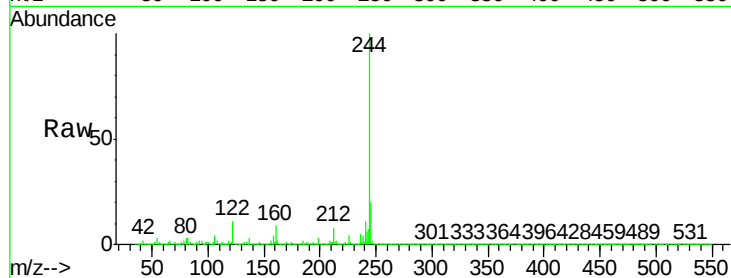
Tot Ion:244 Resp: 4099136

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

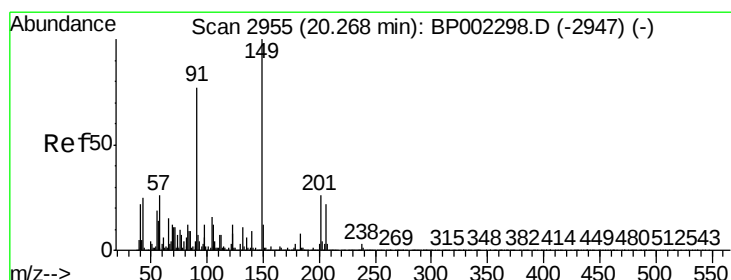
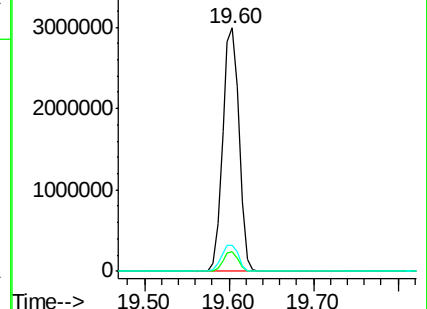
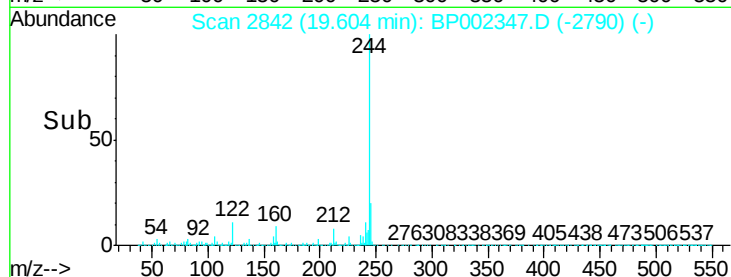
122 10.9 9.4 14.0



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: 52.359 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

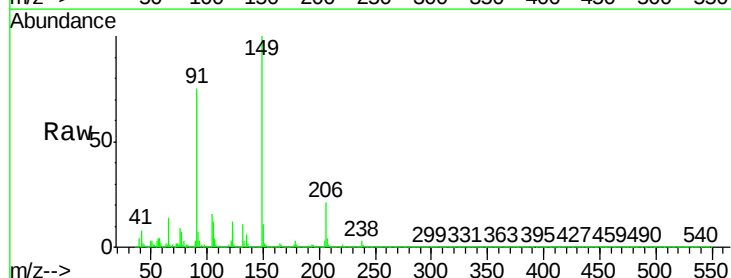
Tgt Ion:149 Resp: 1366262

Ion Ratio Lower Upper

149 100

91 75.1 56.6 84.8

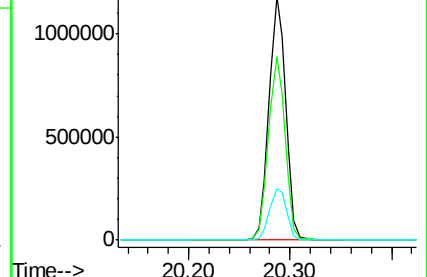
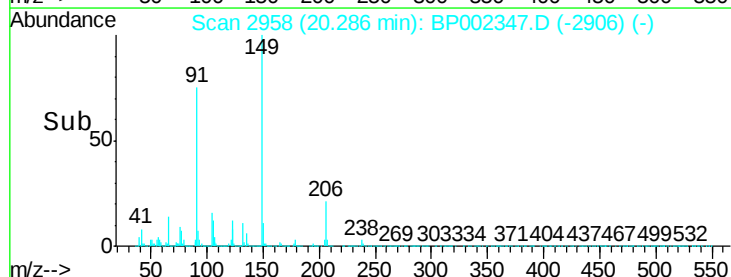
206 21.1 18.7 28.1

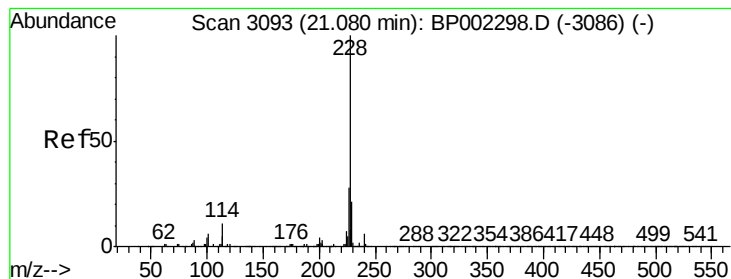


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.141 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

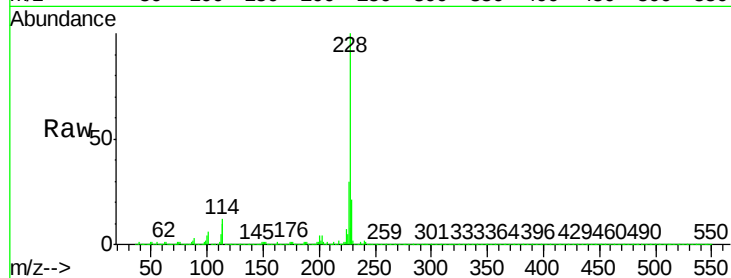
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 3442697

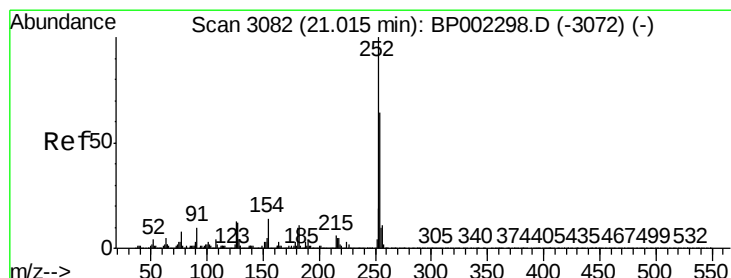
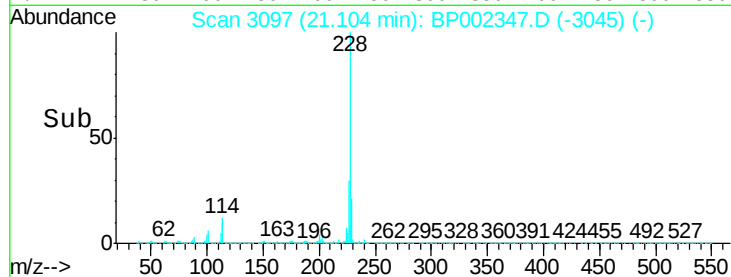
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	20.9	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.757 ng

RT: 21.05 min Scan# 3087

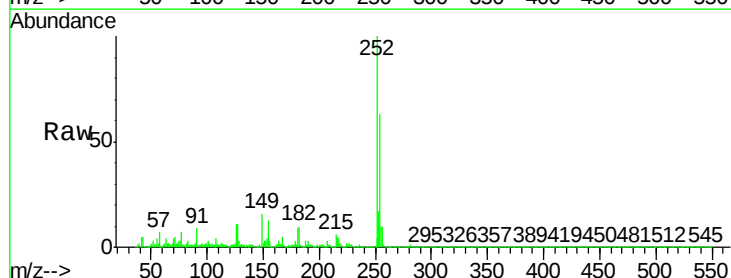
Delta R.T. 0.01 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:252 Resp: 1050317

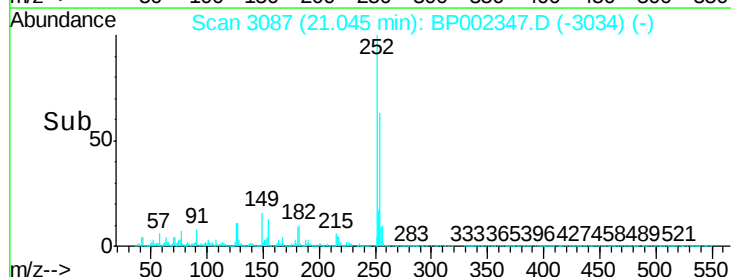
Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.2	78.2
126	10.9	8.3	12.5

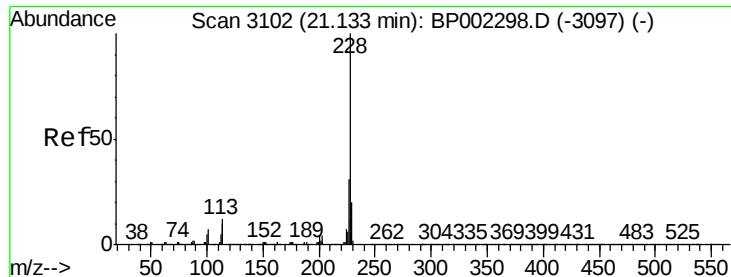


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

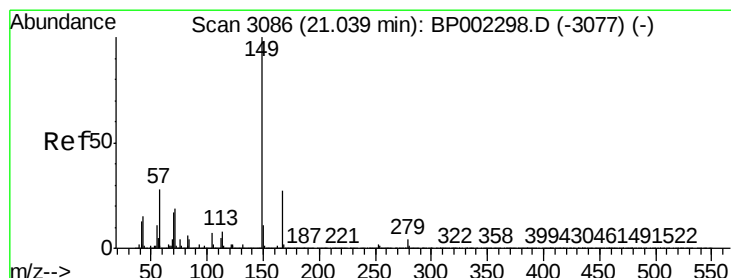
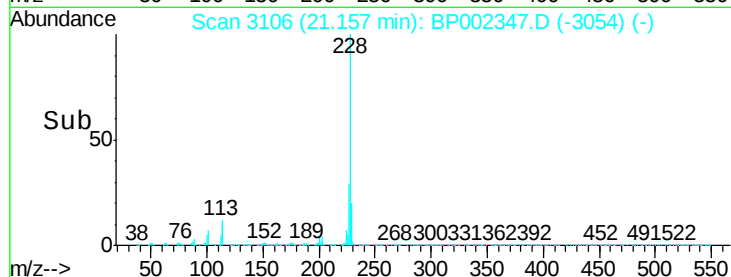
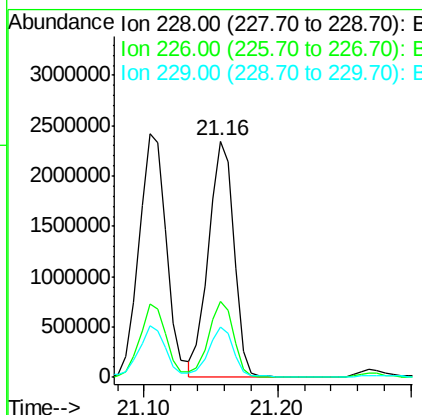
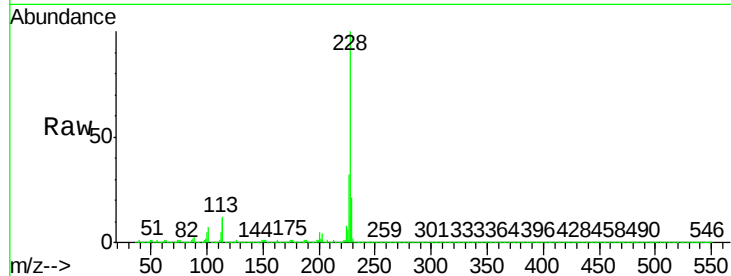




#83
Chrysene
Concen: 54.390 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

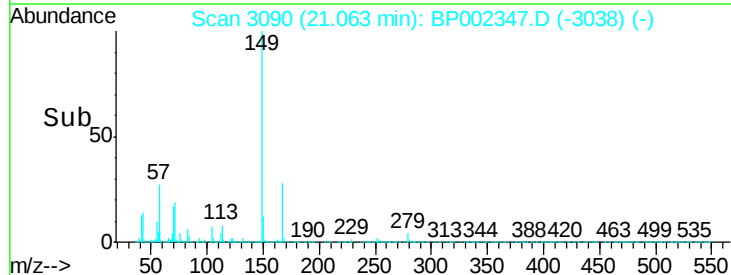
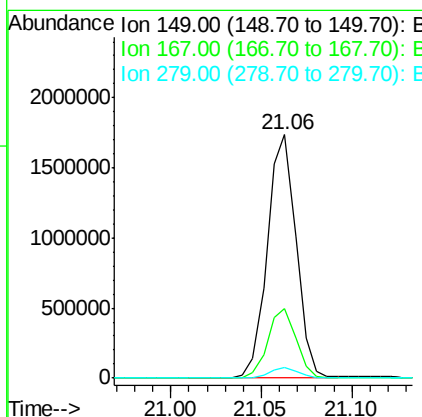
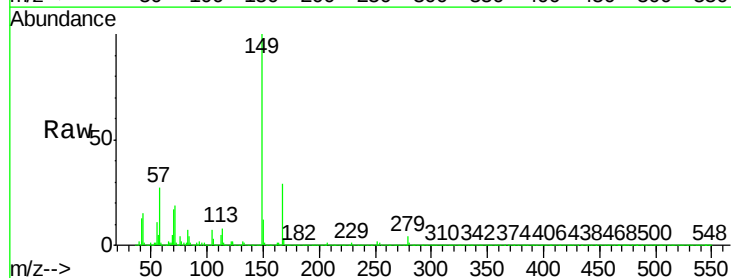
Instrument :
BNA_P
ClientSampleId :

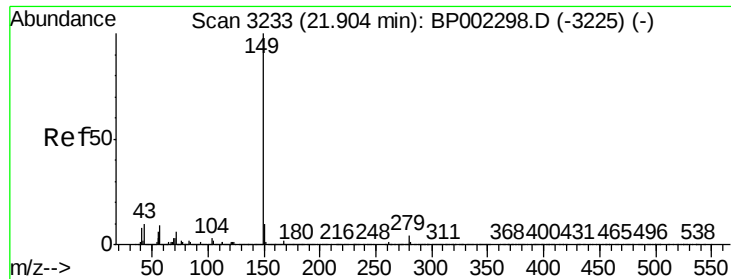
Tot Ion:228 Resp: 3144974
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 21.1 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.789 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:149 Resp: 1905542
Ion Ratio Lower Upper
149 100
167 28.5 23.0 34.6
279 4.4 3.9 5.9

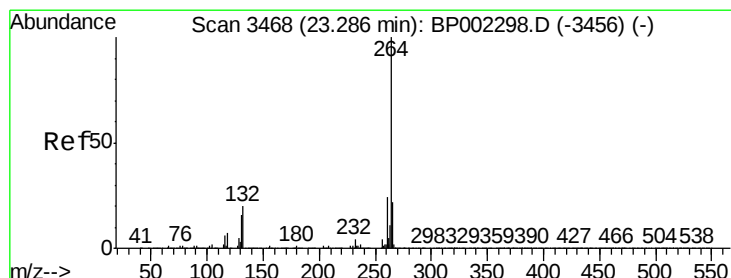
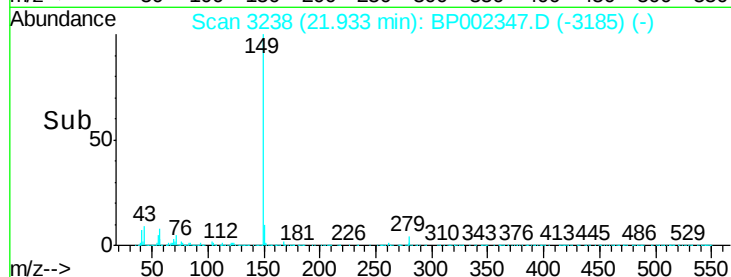
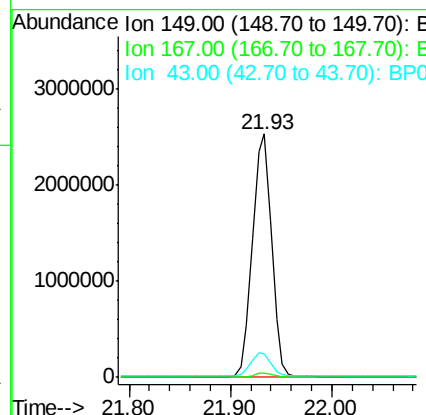
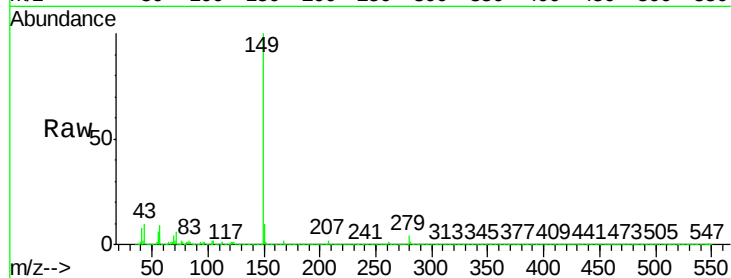




#85
Di-n-octyl phthalate
Concen: 50.079 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

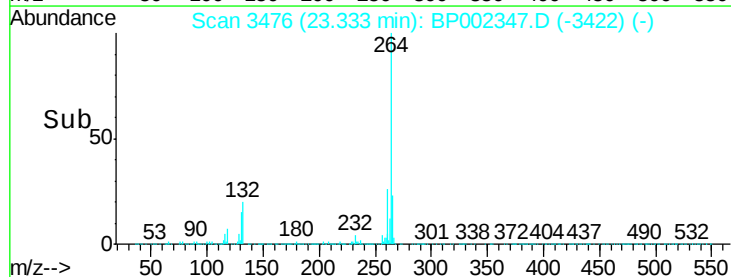
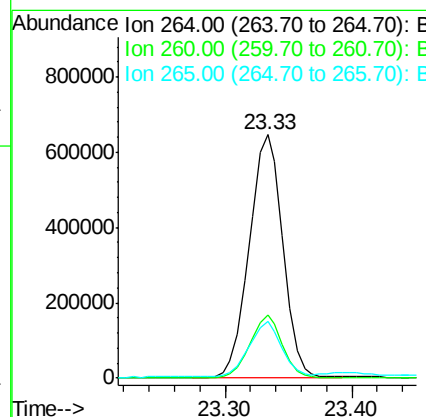
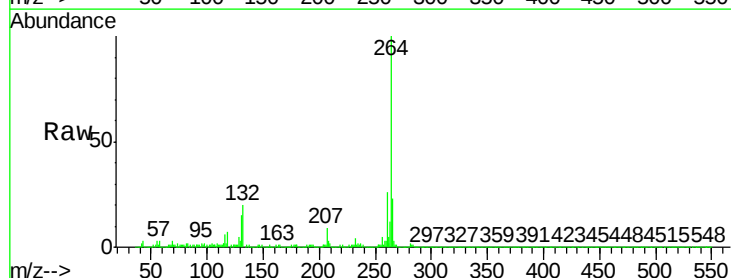
Instrument :
BNA_P
ClientSampleId :

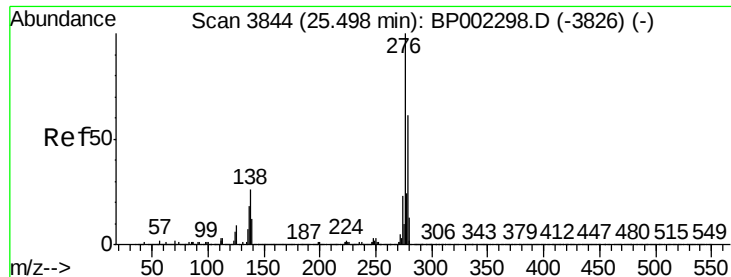
Tot Ion:149 Resp: 3318872
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:264 Resp: 1186708
Ion Ratio Lower Upper
264 100
260 26.0 19.4 29.2
265 23.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.517 ng

RT: 25.57 min Scan# 3857

Delta R.T. 0.03 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

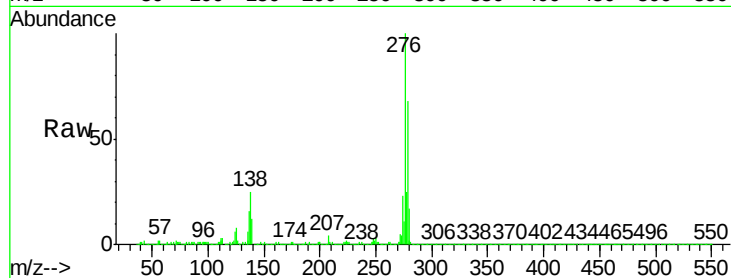
Instrument :

BNA_P

ClientSampleId :

Tot Ion:276 Resp: 3857539

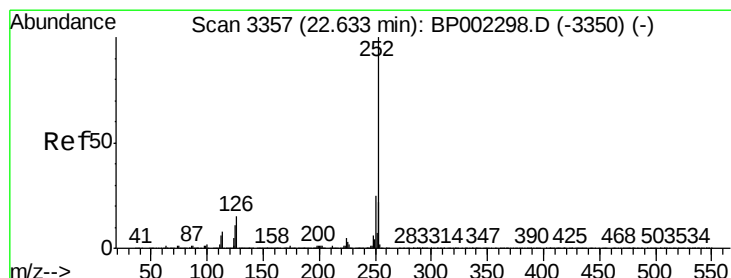
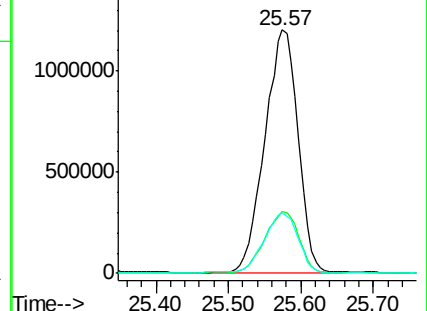
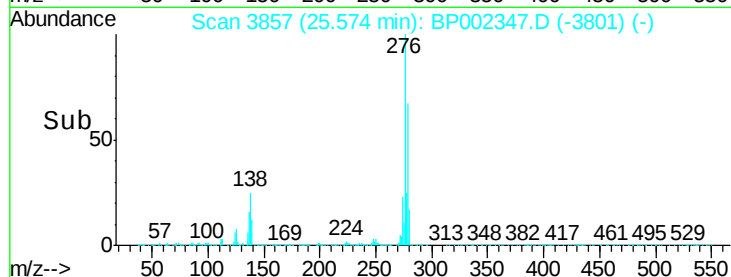
Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.2	27.4
277	24.9	20.2	30.2



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



#88

Benzo(b)fluoranthene

Concen: 59.162 ng

RT: 22.67 min Scan# 3364

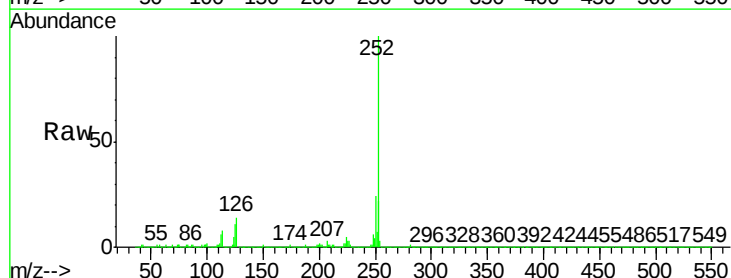
Delta R.T. 0.02 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Tgt Ion:252 Resp: 3827760

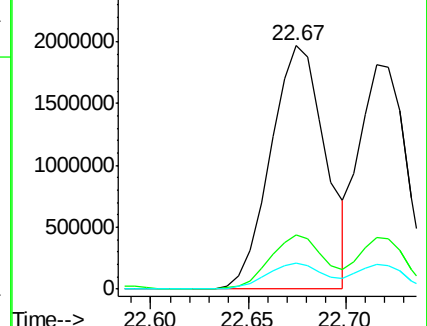
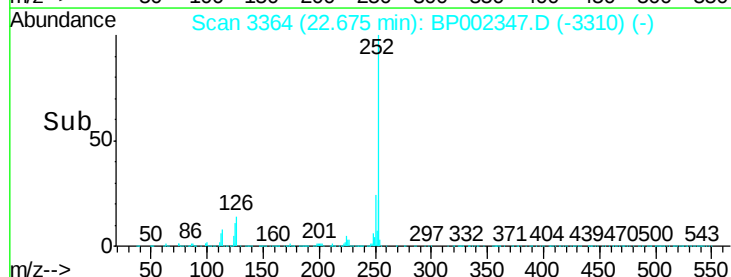
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.7	7.2	10.8

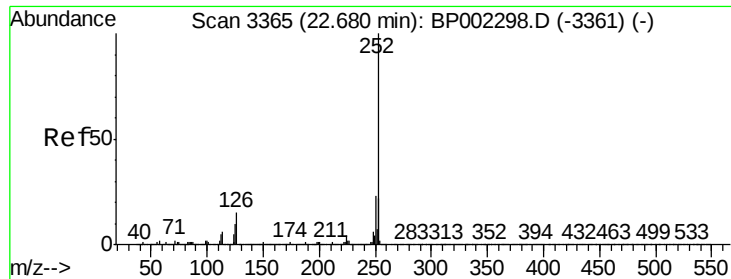


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

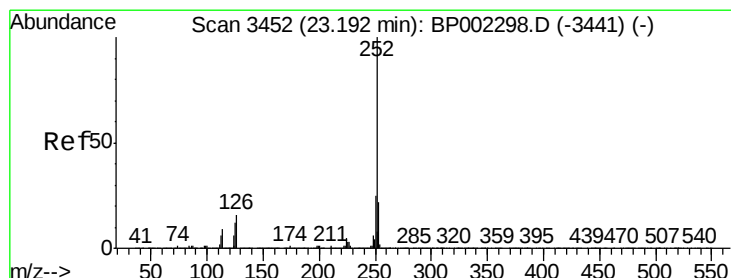
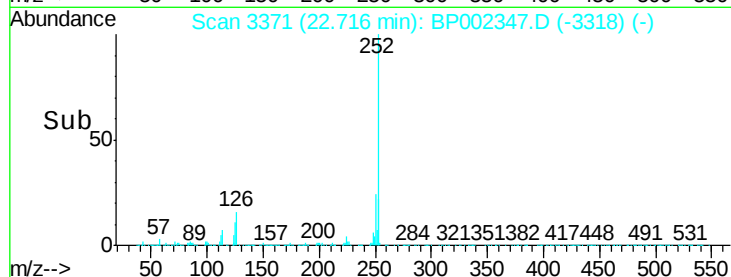
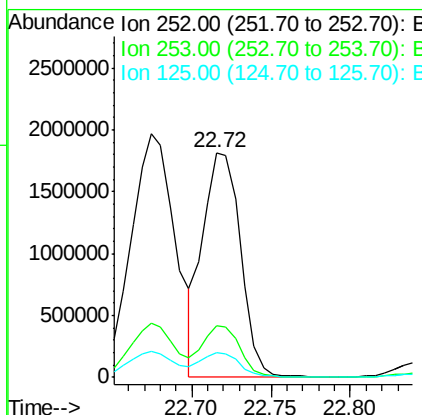
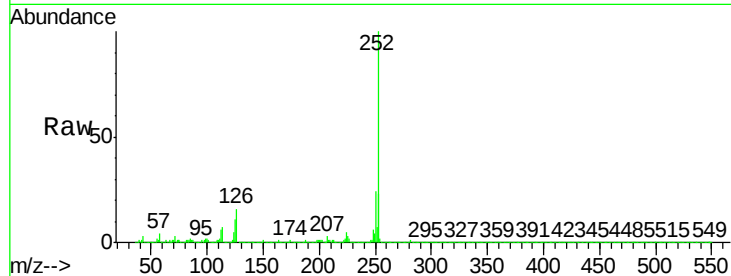




#89
Benzo(k)fluoranthene
Concen: 48.360 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

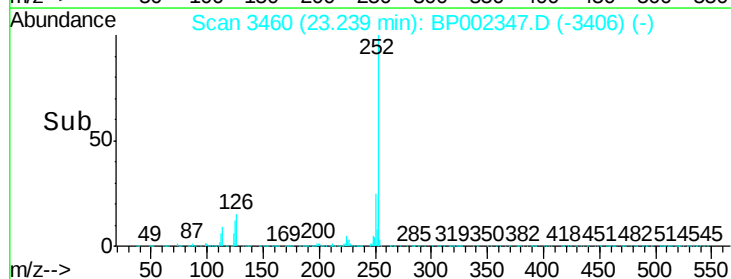
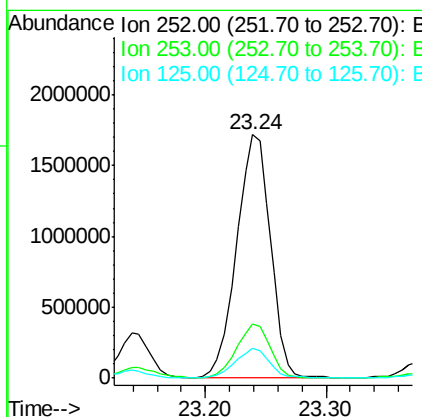
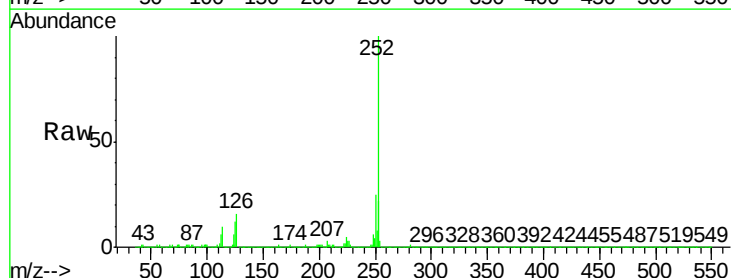
Instrument :
BNA_P
ClientSampled :

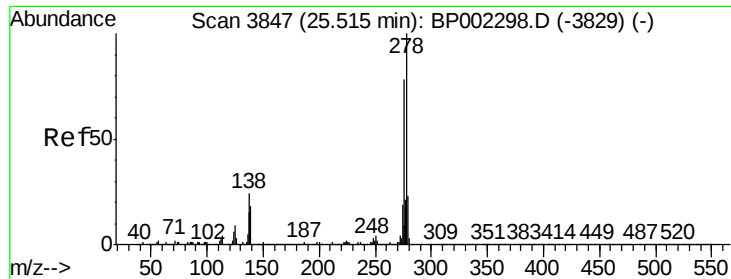
Tot Ion:252 Resp: 3002473
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 55.754 ng
RT: 23.24 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BP002347.D
Acq: 01 Jun 2020 19:41

Tgt Ion:252 Resp: 3346136
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.1 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 46.643 ng

RT: 25.59 min Scan# 3859

Delta R.T. 0.02 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

Instrument :

BNA_P

ClientSampleId :

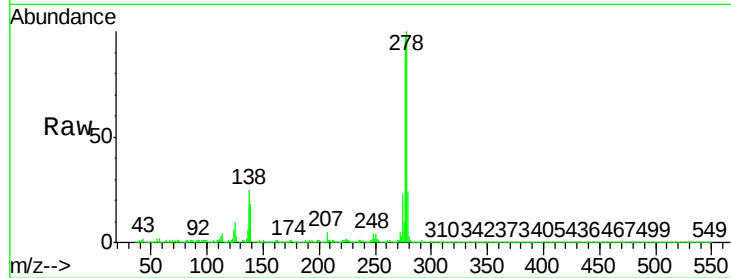
Tot Ion:278 Resp: 2793386

Ion Ratio Lower Upper

278 100

139 17.8 11.3 16.9#

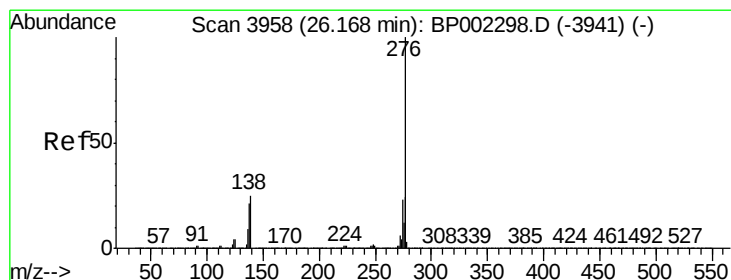
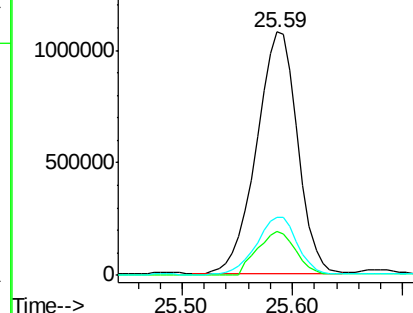
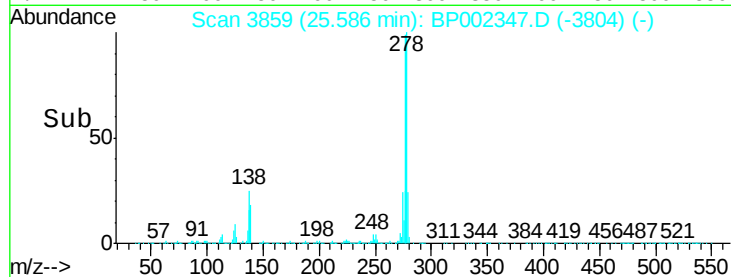
279 24.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.820 ng

RT: 26.26 min Scan# 3973

Delta R.T. 0.04 min

Lab File: BP002347.D

Acq: 01 Jun 2020 19:41

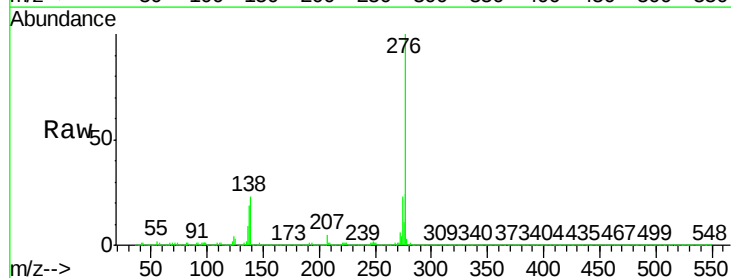
Tgt Ion:276 Resp: 3471114

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 23.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

