

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001596.D
 Acq On : 14 Jan 2020 20:06
 Operator : JU
 Sample : L1014-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:50:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29989	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	105752	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	73911	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	173184	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	150112	20.00	ng	-0.02
87) Perylene-d12	23.39	264	148069	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	219592	143.44	ng	-0.02
7) Phenol-d6	6.84	99	278261	113.73	ng	-0.02
23) Nitrobenzene-d5	8.79	82	237745	98.24	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	149468	132.85	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	526491	104.73	ng	-0.02
79) Terphenyl-d14	19.64	244	860604	104.86	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	26066	53.351	ng	# 1
3) Pyridine	3.63	79	52364	29.660	ng	93
4) n-Nitrosodimethylamine	3.53	42	70346	56.220	ng	96
6) Aniline	6.98	93	37067	12.116	ng	96
8) 2-Chlorophenol	7.22	128	84432	47.240	ng	94
9) Benzaldehyde	6.79	77	33565	22.967	ng	97
10) Phenol	6.86	94	97464	38.508	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	92258	46.477	ng	97
12) 1,3-Dichlorobenzene	7.53	146	98064	43.649	ng	98
13) 1,4-Dichlorobenzene	7.67	146	98977	42.606	ng	97
14) 1,2-Dichlorobenzene	7.99	146	93761	41.764	ng	98
15) Benzyl Alcohol	7.88	79	93039	40.379	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	164861	44.707	ng	98
17) 2-Methylphenol	8.09	107	74459	42.372	ng	98
18) Hexachloroethane	8.71	117	39321	43.358	ng	96
19) n-Nitroso-di-n-propylamine	8.45	70	76668	41.101	ng	90
20) 3+4-Methylphenols	8.42	107	96459	39.243	ng	97
22) Acetophenone	8.46	105	141223	47.638	ng	# 94
24) Nitrobenzene	8.83	77	123053	50.260	ng	99
25) Isophorone	9.36	82	206609	47.608	ng	97
26) 2-Nitrophenol	9.53	139	46871	50.657	ng	95
27) 2,4-Dimethylphenol	9.62	122	76020	54.995	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	115874	45.578	ng	96
29) 2,4-Dichlorophenol	10.08	162	86967	45.963	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	108489	47.497	ng	97
31) Naphthalene	10.46	128	279311	50.045	ng	98
32) Benzoic acid	9.77	122	35624	30.533	ng	96
33) 4-Chloroaniline	10.59	127	9381	3.651	ng	95
34) Hexachlorobutadiene	10.76	225	76768	47.478	ng	92
35) Caprolactam	11.36	113	8921	12.984	ng	96
36) 4-Chloro-3-methylphenol	11.72	107	93754	41.288	ng	99
37) 2-Methylnaphthalene	12.09	142	203996	45.862	ng	97
38) 1-Methylnaphthalene	12.30	142	195979	45.785	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	135197	53.398	ng	# 98

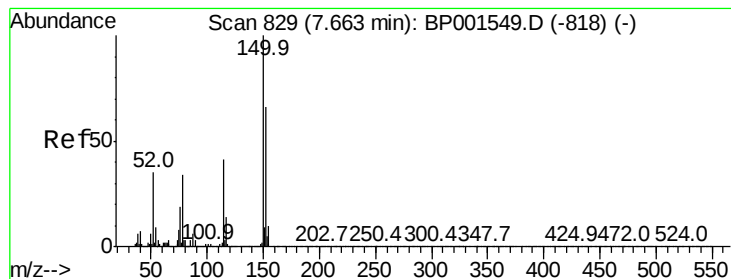
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001596.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	189230	147.342	ng	98
43) 2,4,6-Trichlorophenol	12.71	196	81902	50.157	ng	96
44) 2,4,5-Trichlorophenol	12.78	196	88308	50.892	ng	94
46) 1,1'-Biphenyl	13.12	154	271066	51.180	ng	99
47) 2-Chloronaphthalene	13.15	162	219805	49.935	ng	99
48) 2-Nitroaniline	13.36	65	78434	45.353	ng	96
49) Acenaphthylene	14.00	152	344328	50.721	ng	99
50) Dimethylphthalate	13.76	163	276775	45.465	ng	98
51) 2,6-Dinitrotoluene	13.86	165	59670	46.222	ng	96
52) Acenaphthene	14.35	154	203938	48.505	ng	100
53) 3-Nitroaniline	14.19	138	22156	16.255	ng	92
54) 2,4-Dinitrophenol	14.40	184	66259	91.284	ng	86
55) Dibenzofuran	14.69	168	344546	48.460	ng	99
56) 4-Nitrophenol	14.53	139	83202	76.444	ng	93
57) 2,4-Dinitrotoluene	14.66	165	83103	43.996	ng	91
58) Fluorene	15.35	166	274625	47.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87312	48.729	ng	97
60) Diethylphthalate	15.14	149	272822	43.573	ng	97
61) 4-Chlorophenyl-phenylether	15.35	204	158820	48.234	ng	98
62) 4-Nitroaniline	15.37	138	50611	32.568	ng	97
63) Azobenzene	15.64	77	310615	49.649	ng	96
65) 4,6-Dinitro-2-methylphenol	15.43	198	49313	52.667	ng	95
66) n-Nitrosodiphenylamine	15.56	169	238713	52.029	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	99093	50.720	ng	97
68) Hexachlorobenzene	16.36	284	110679	48.759	ng	98
69) Atrazine	16.53	200	90168	53.511	ng	99
70) Pentachlorophenol	16.70	266	130057	103.749	ng	99
71) Phenanthrene	17.09	178	459089	48.745	ng	99
72) Anthracene	17.18	178	463498	50.552	ng	99
73) Carbazole	17.46	167	385528	44.787	ng	100
74) Di-n-butylphthalate	18.04	149	467350	45.890	ng	98
75) Fluoranthene	19.07	202	562846	45.417	ng	100
77) Benzidine	19.26	184	6960	2.031	ng	# 91
78) Pyrene	19.42	202	574667	52.115	ng	100
80) Butylbenzylphthalate	20.32	149	200498	47.840	ng	98
81) Benzo(a)anthracene	21.14	228	510722	48.853	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	112451	28.685	ng	96
83) Chrysene	21.19	228	496228	48.706	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	286999	49.954	ng	98
85) Di-n-octyl phthalate	21.97	149	453305	49.483	ng	96
86) Indeno(1,2,3-cd)pyrene	25.64	276	525859	44.093	ng	97
88) Benzo(b)fluoranthene	22.72	252	479307	51.370	ng	99
89) Benzo(k)fluoranthene	22.76	252	480058	52.769	ng	97
90) Benzo(a)pyrene	23.29	252	436547	49.277	ng	97
91) Dibenzo(a,h)anthracene	25.66	278	443815	48.555	ng	99
92) Benzo(g,h,i)perylene	26.33	276	450538	49.582	ng	98

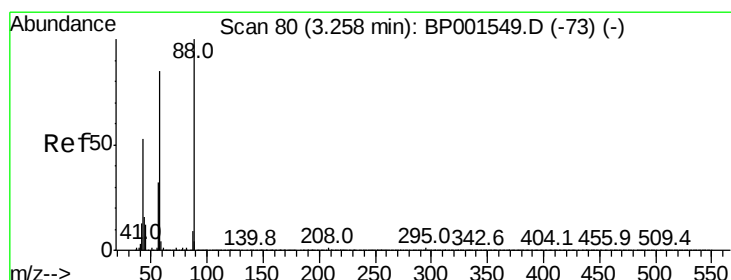
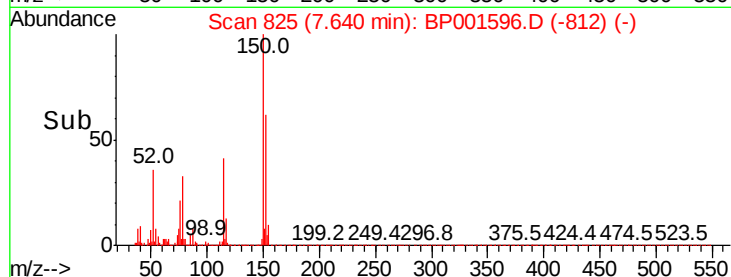
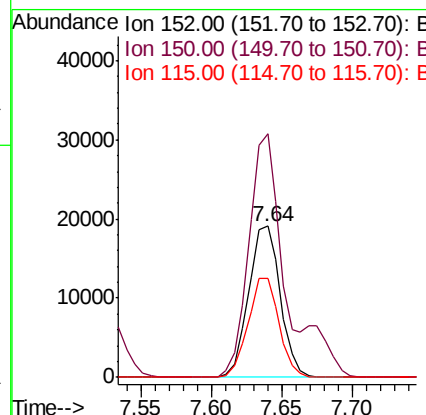
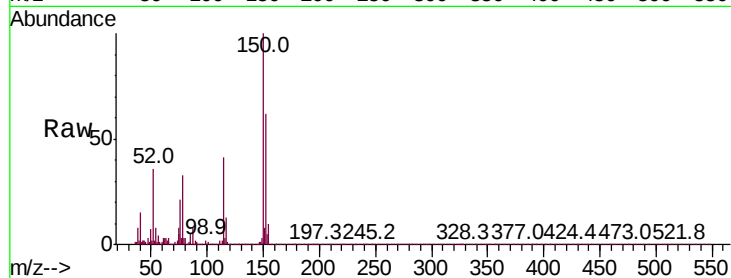
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.64 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

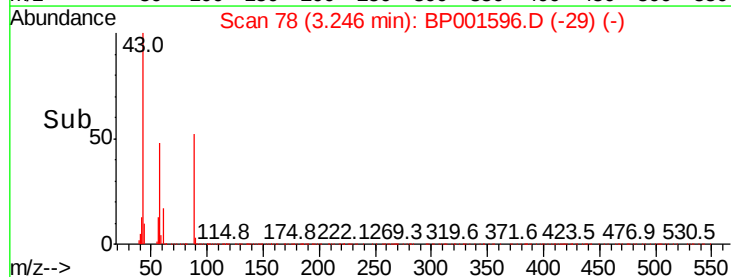
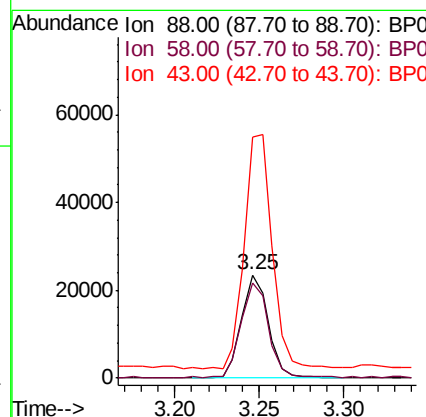
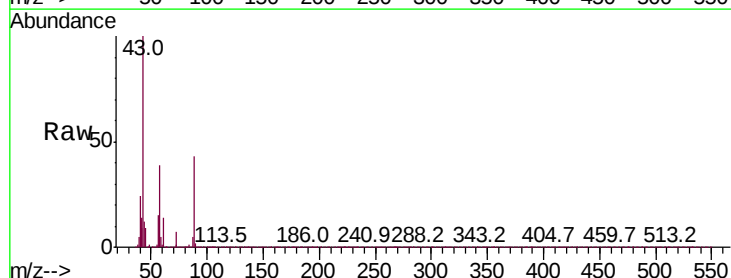
Instrument :
 BNA_P
 ClientSampleId :

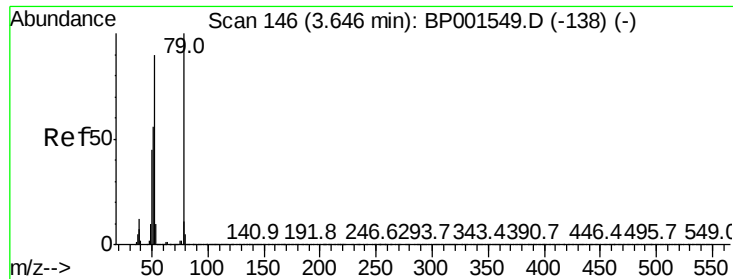
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.0	183.0
115	65.4	50.7	76.1



#2
 1,4-Dioxane
 Concen: 53.351 ng
 RT: 3.25 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	69.5	104.3
43	233.7	40.3	60.5





#3

Pvridine

Concen: 29.660 ng

RT: 3.63 min Scan# 143

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampled :

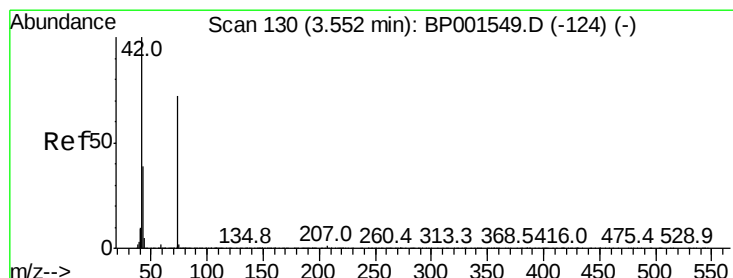
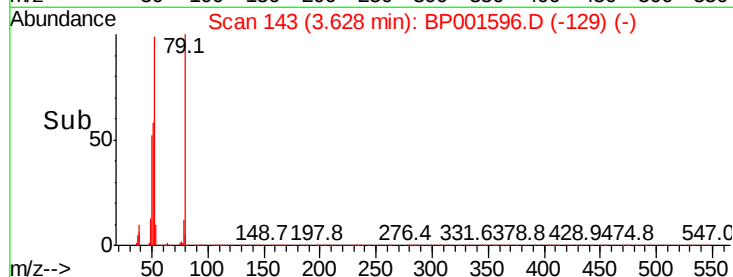
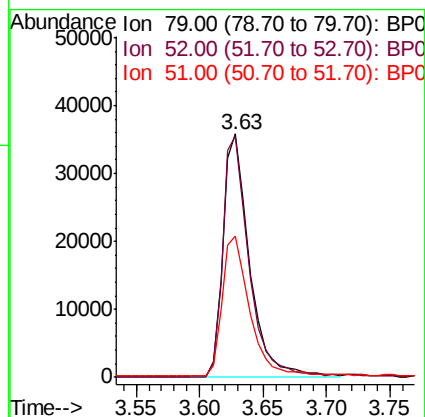
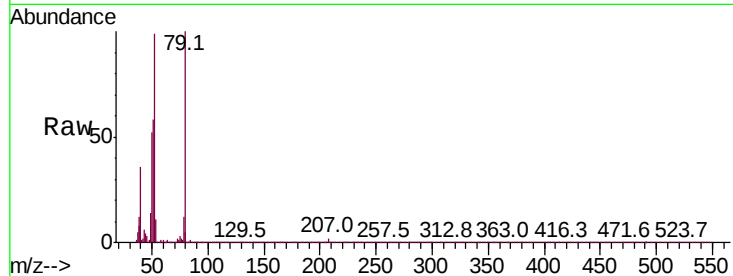
Tot Ion: 79 Resp: 52364

Ion Ratio Lower Upper

79 100

52 99.1 72.1 108.1

51 58.2 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 56.220 ng

RT: 3.53 min Scan# 127

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

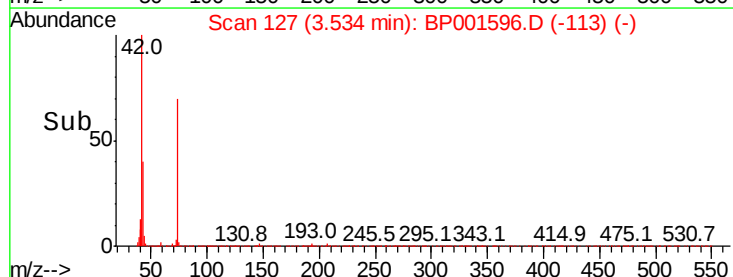
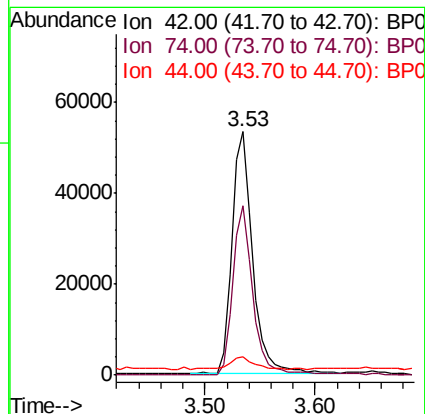
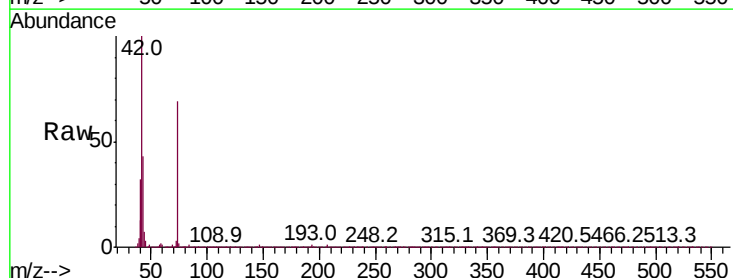
Tgt Ion: 42 Resp: 70346

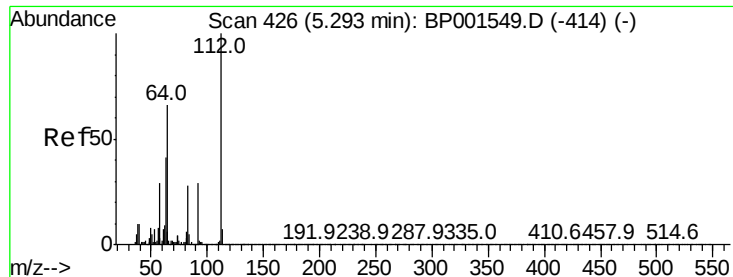
Ion Ratio Lower Upper

42 100

74 69.4 58.0 87.0

44 7.4 6.7 10.1





#5

2-Fluorophenol

Concen: 143.439 ng

RT: 5.27 min Scan# 422

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

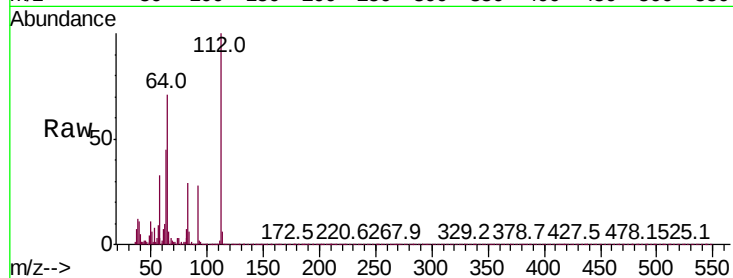
Tot Ion:112 Resp: 219592

Ion Ratio Lower Upper

112 100

64 71.3 52.8 79.2

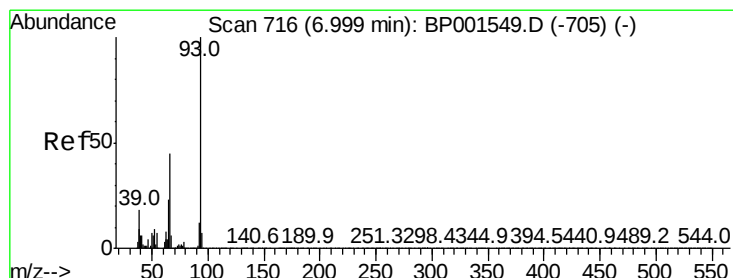
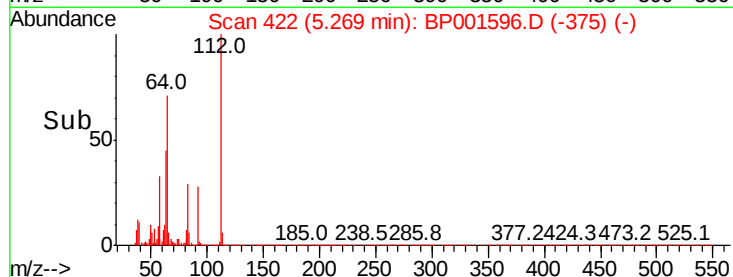
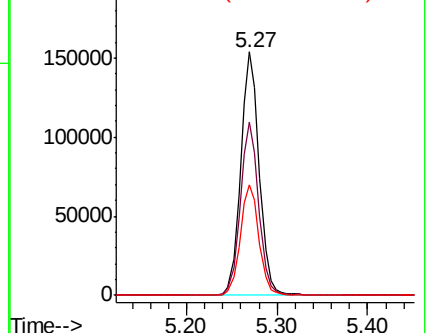
63 45.5 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 12.116 ng

RT: 6.98 min Scan# 713

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

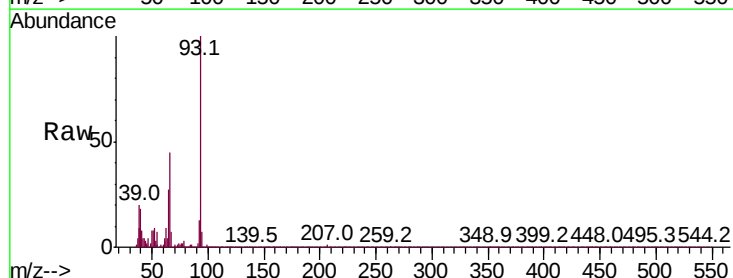
Tgt Ion: 93 Resp: 37067

Ion Ratio Lower Upper

93 100

66 44.6 36.4 54.6

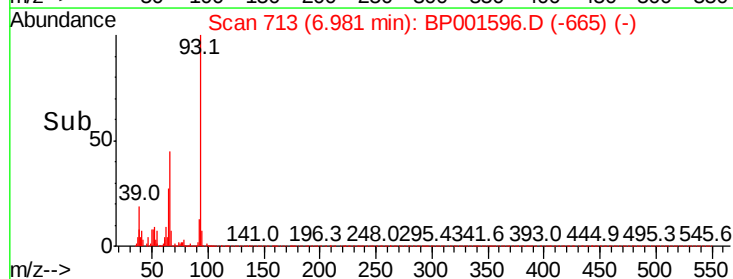
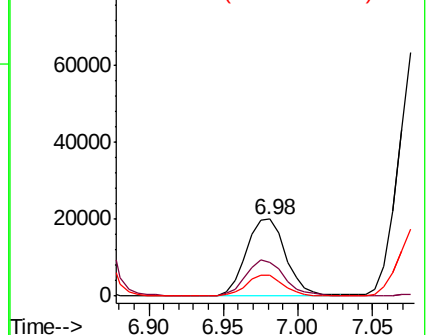
65 27.0 18.5 27.7

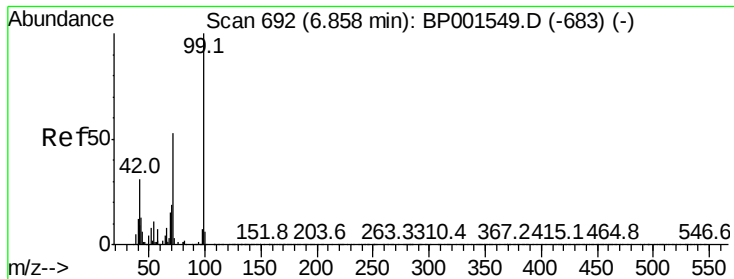


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 113.730 ng

RT: 6.84 min Scan# 689

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

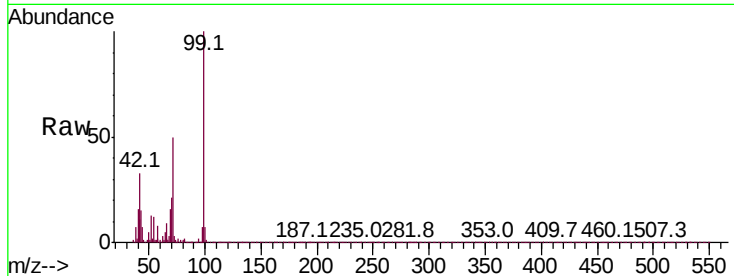
Tot Ion: 99 Resp: 278261

Ion Ratio Lower Upper

99 100

42 33.3 24.5 36.7

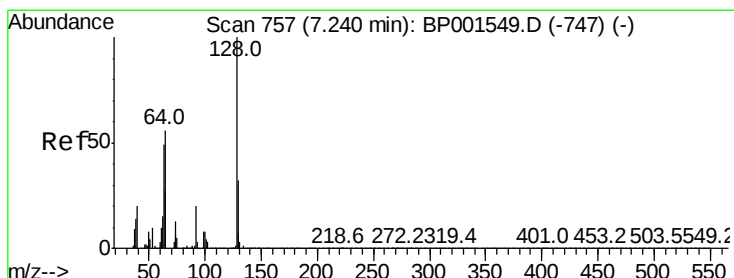
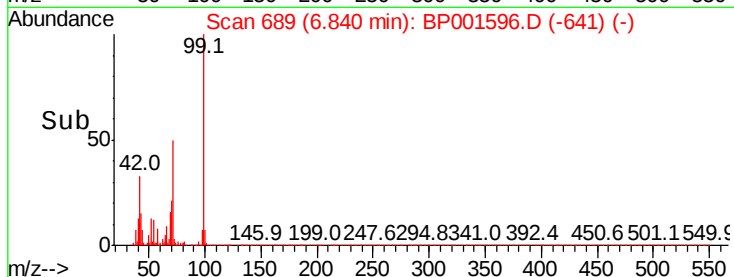
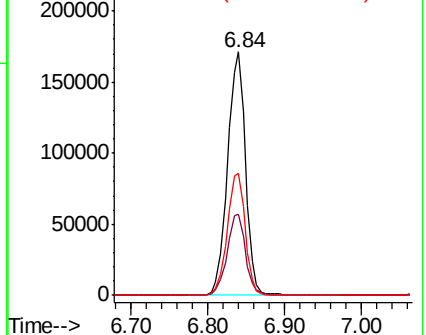
71 50.1 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.240 ng

RT: 7.22 min Scan# 753

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

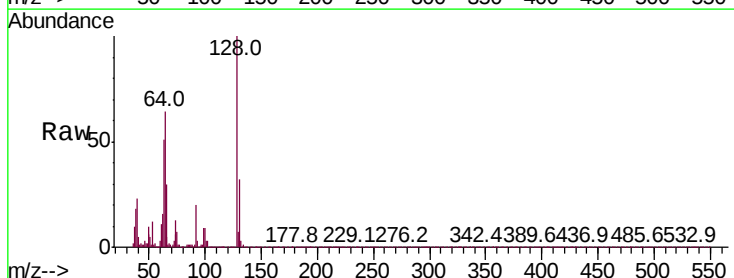
Tgt Ion: 128 Resp: 84432

Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

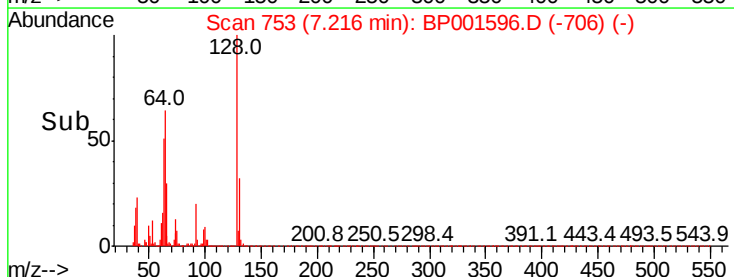
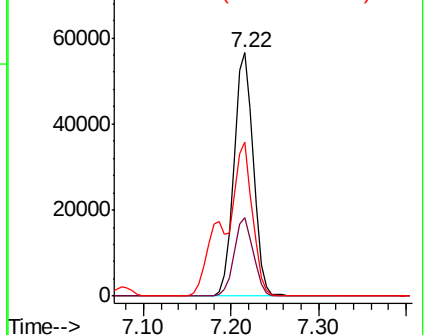
64 63.5 37.2 77.2

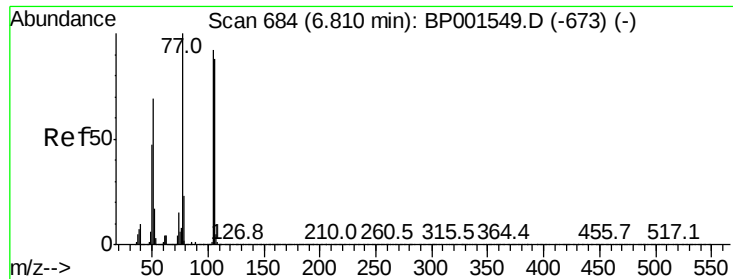


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 22.967 ng

RT: 6.79 min Scan# 680

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampled :

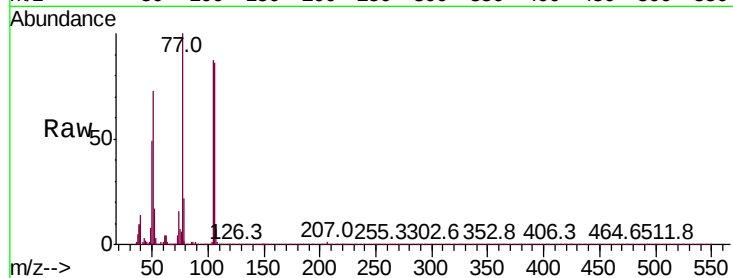
Tot Ion: 77 Resp: 33565

Ion Ratio Lower Upper

77 100

105 87.2 71.6 111.6

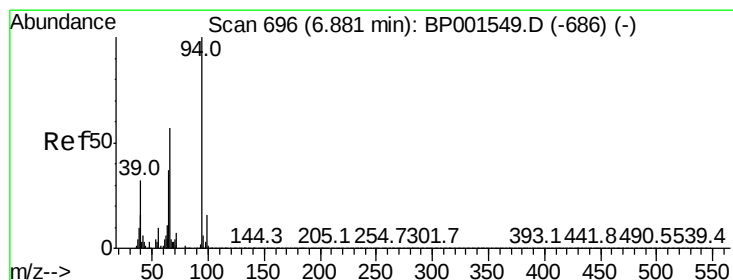
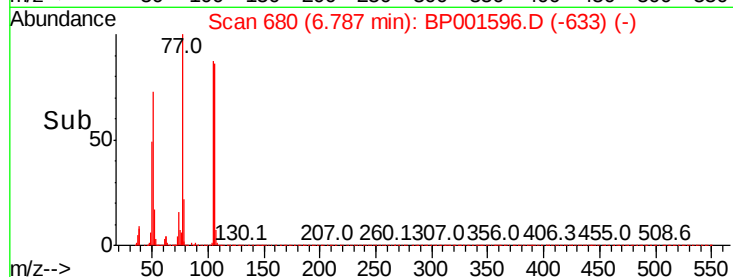
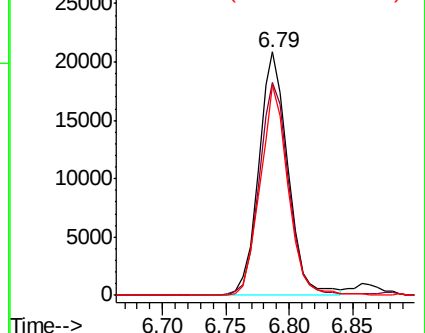
106 86.2 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.508 ng

RT: 6.86 min Scan# 693

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

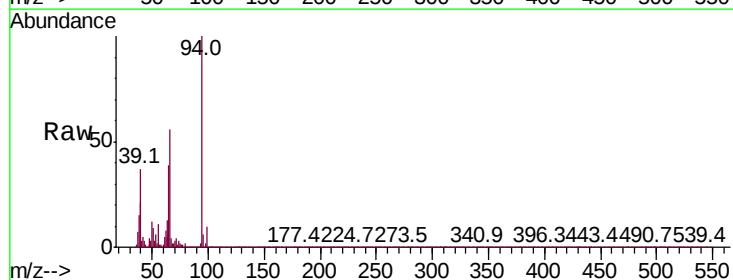
Tgt Ion: 94 Resp: 97464

Ion Ratio Lower Upper

94 100

65 38.6 17.5 57.5

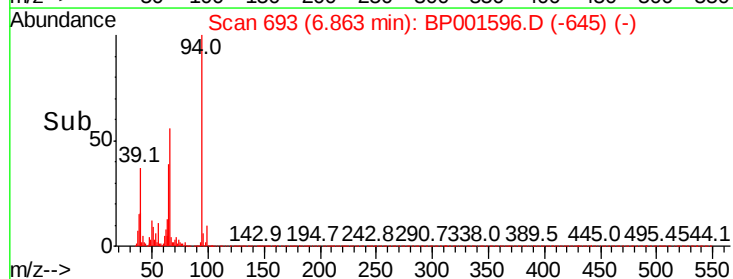
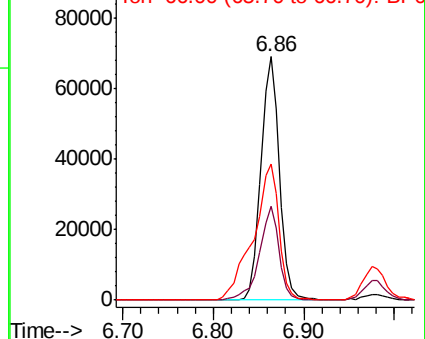
66 56.1 36.7 76.7

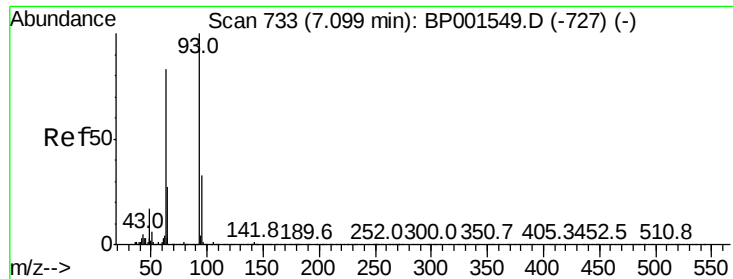


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

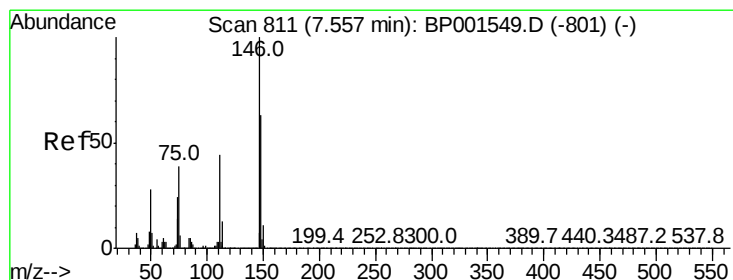
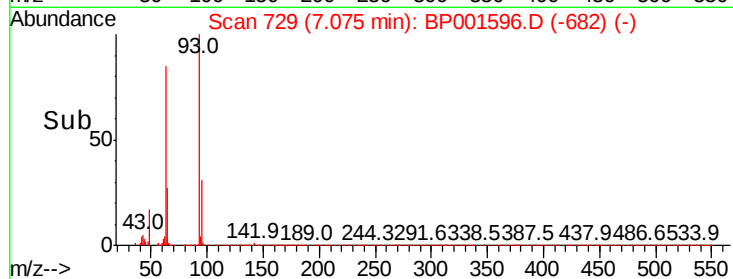
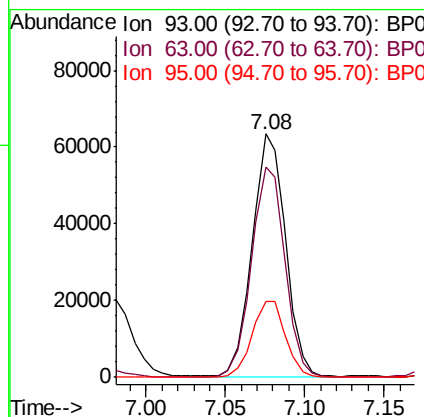
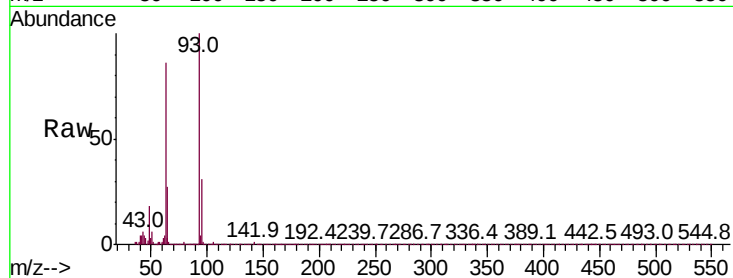




#11
bis(2-Chloroethyl)ether
Concen: 46.477 ng
RT: 7.08 min Scan# 729
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

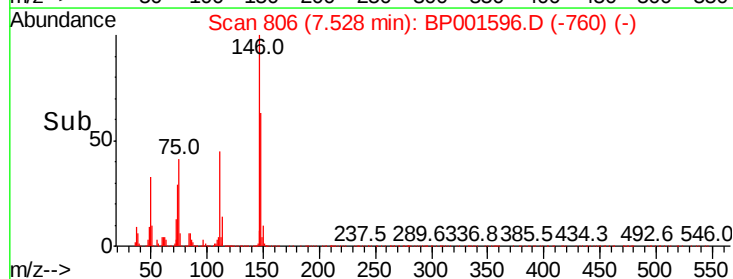
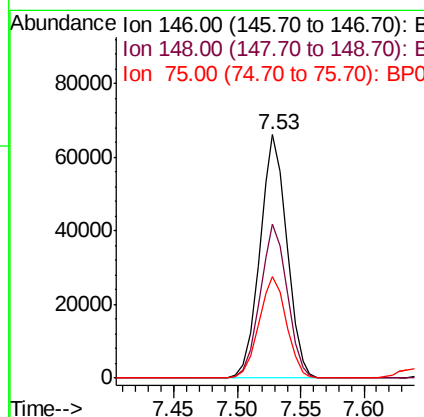
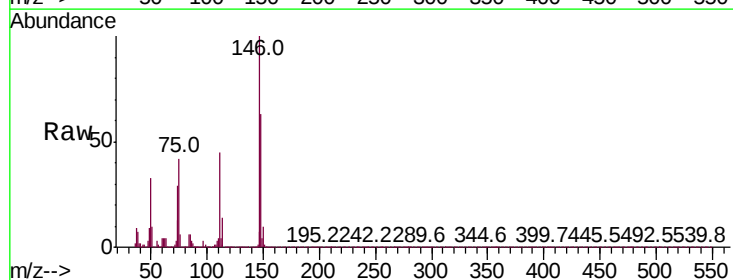
Instrument :
BNA_P
ClientSampleId :

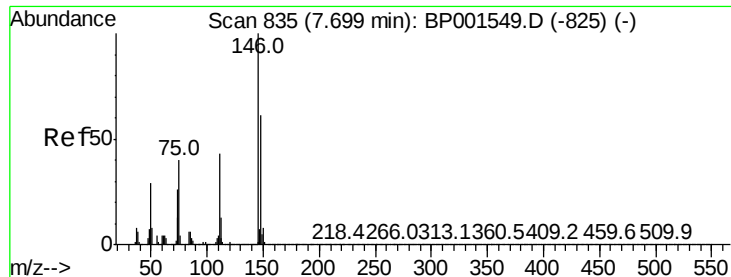
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	63.2	103.2
95	31.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.649 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.03 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.2
75	41.5	31.1	46.7





#13

1,4-Dichlorobenzene

Concen: 42.606 ng

RT: 7.67 min Scan# 830

Delta R.T. -0.03 min

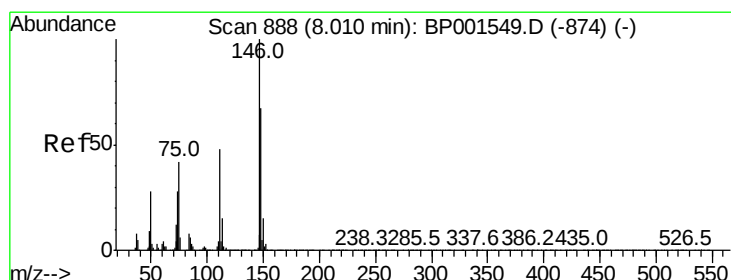
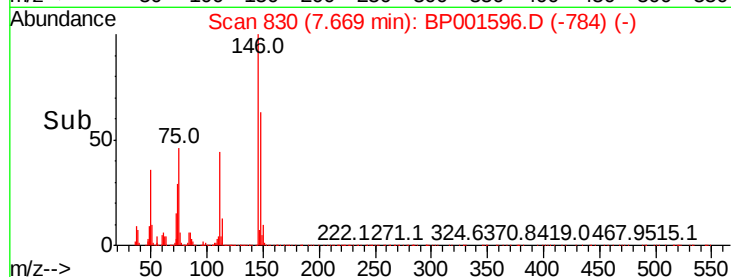
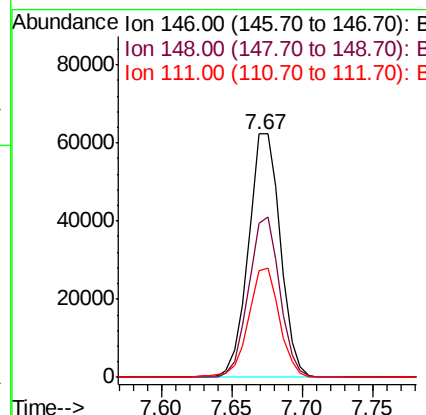
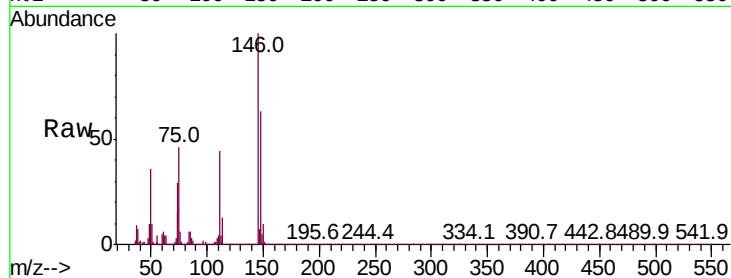
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 98977

Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.6	73.0
111	43.8	34.3	51.5



#14

1,2-Dichlorobenzene

Concen: 41.764 ng

RT: 7.99 min Scan# 884

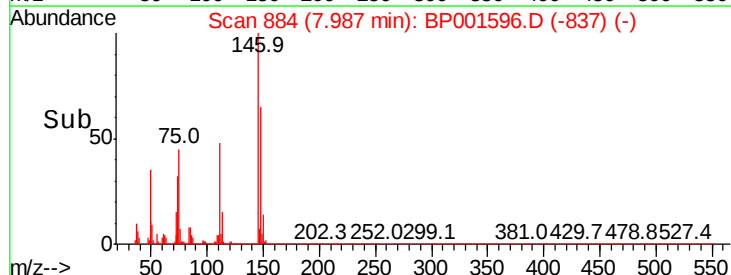
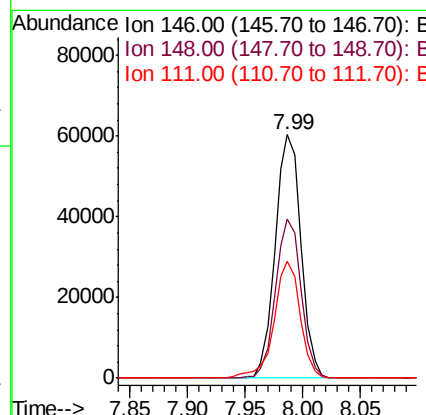
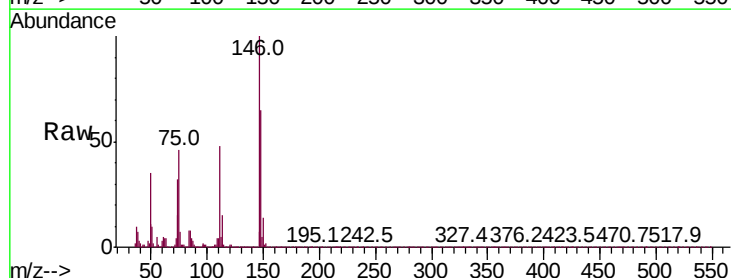
Delta R.T. -0.02 min

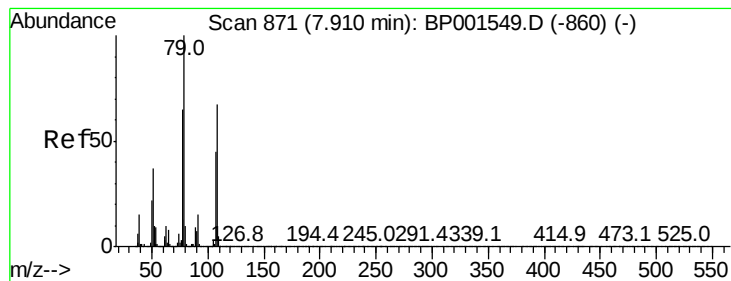
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:146 Resp: 93761

Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.9	80.9
111	48.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.379 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.03 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

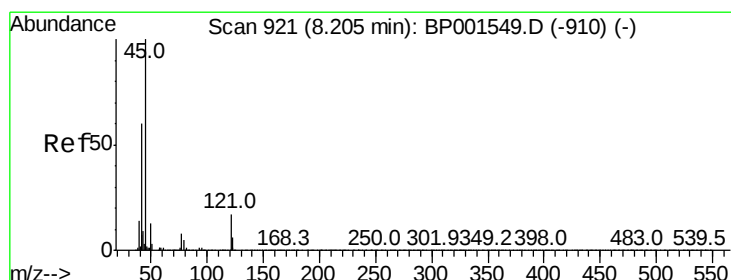
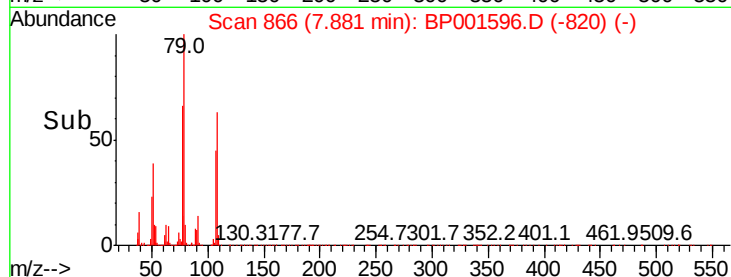
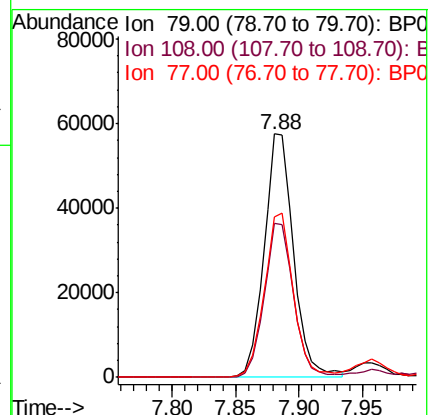
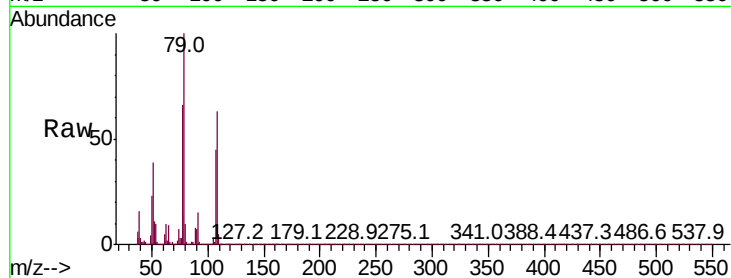
Tot Ion: 79 Resp: 93039

Ion Ratio Lower Upper

79 100

108 63.2 53.2 79.8

77 66.0 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.707 ng

RT: 8.17 min Scan# 915

Delta R.T. -0.04 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

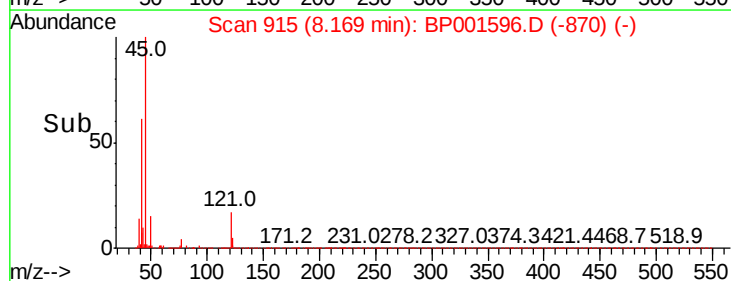
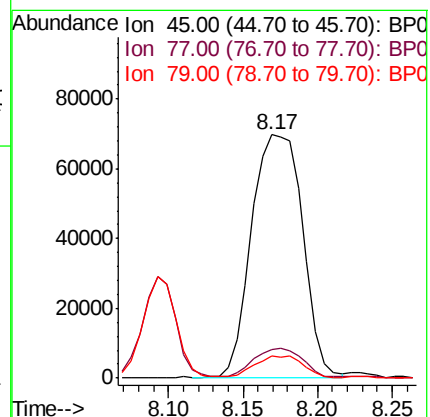
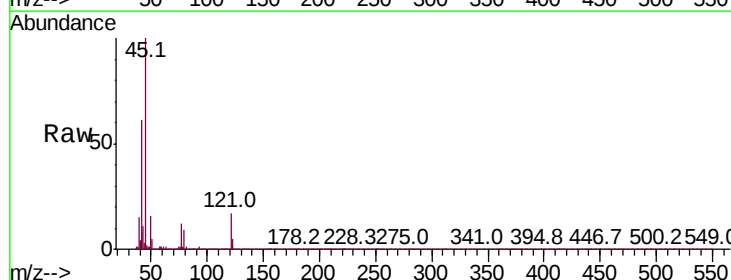
Tgt Ion: 45 Resp: 164861

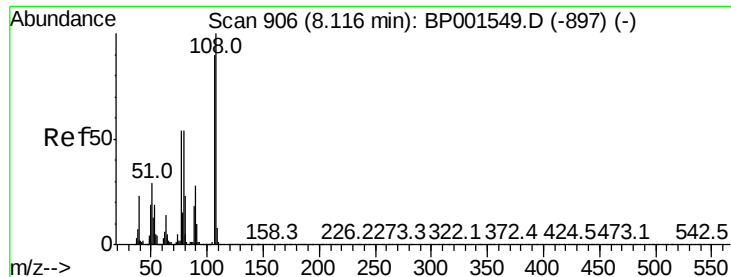
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.6

79 9.4 0.0 29.3

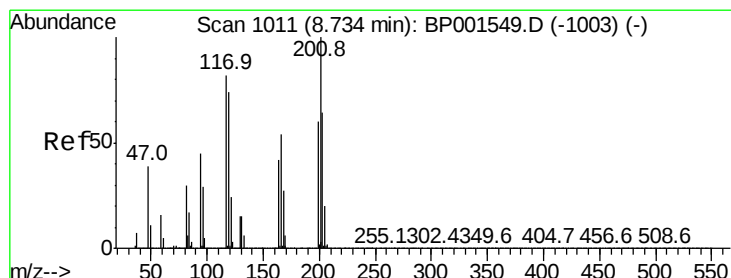
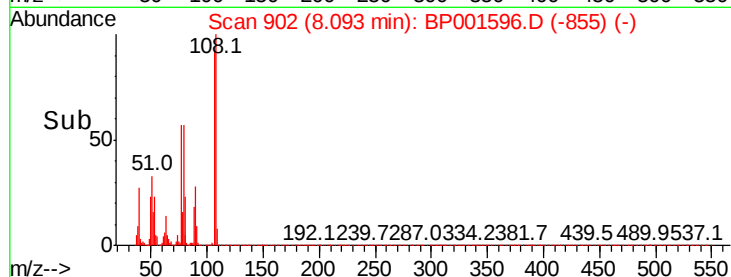
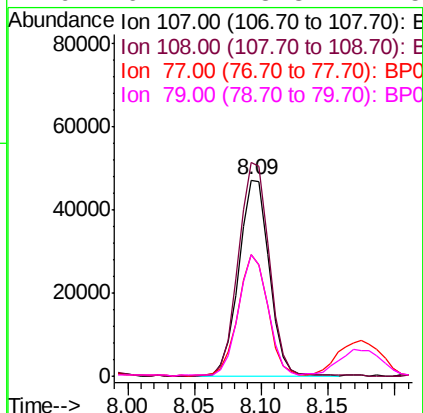
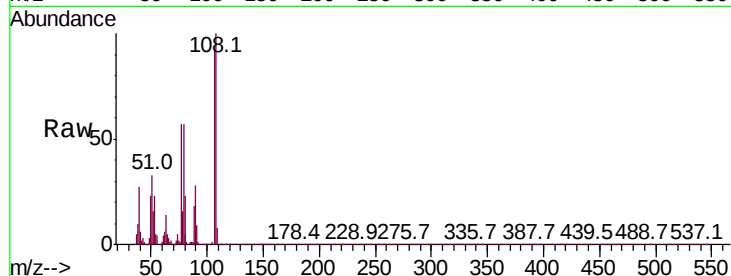




#17
2-Methylphenol
Concen: 42.372 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

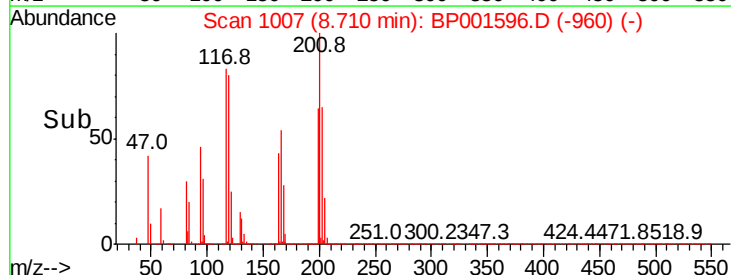
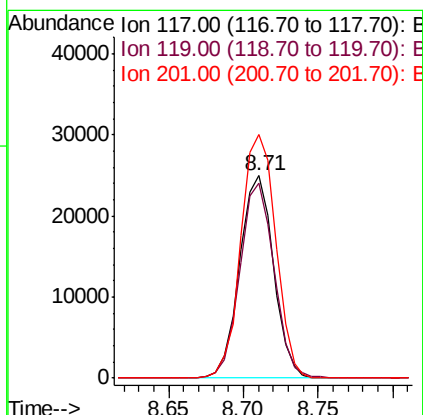
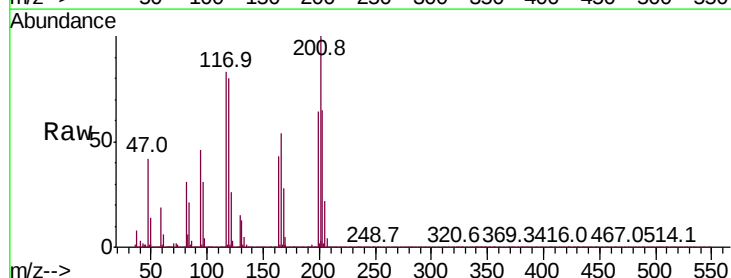
Instrument :
BNA_P
ClientSampleId :

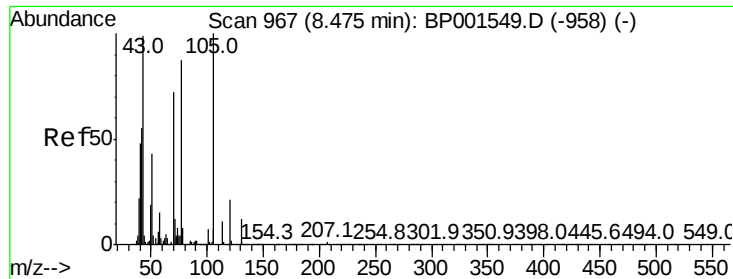
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.2	133.8
77	61.9	47.9	71.9
79	62.2	48.3	72.5



#18
Hexachloroethane
Concen: 43.358 ng
RT: 8.71 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	71.8	107.8
201	120.5	97.6	146.4

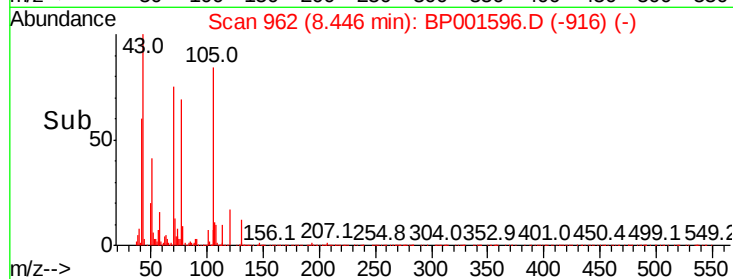
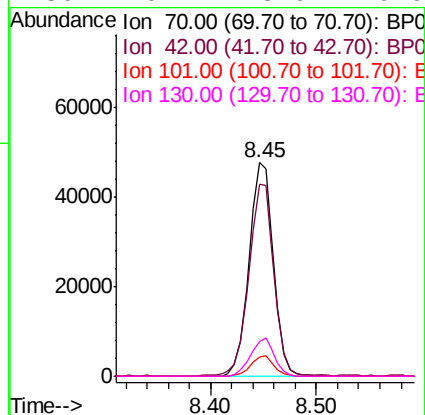
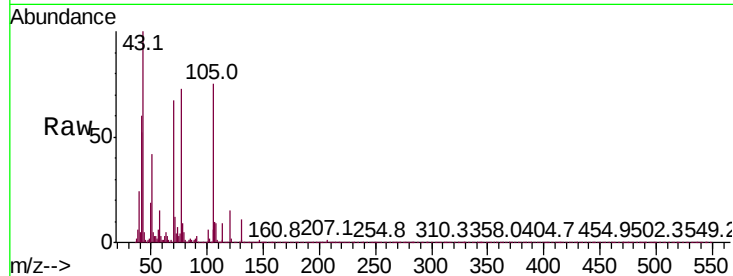




#19
n-Nitroso-di-n-propylamine
Concen: 41.101 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.03 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

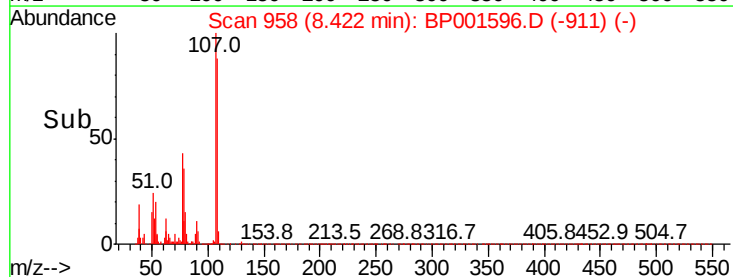
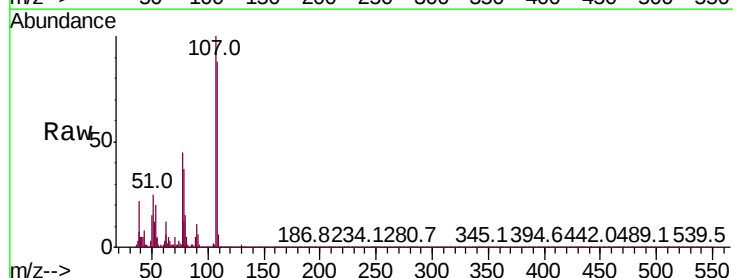
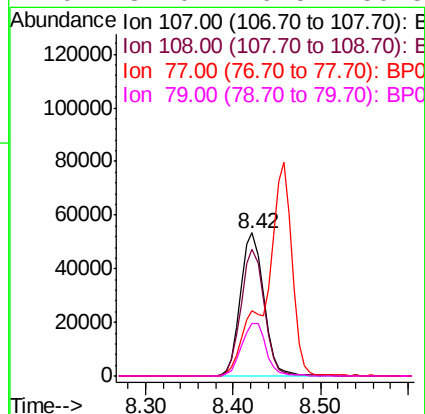
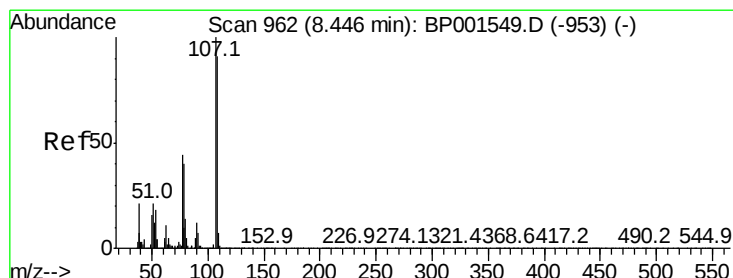
Instrument :
BNA_P
ClientSampleId :

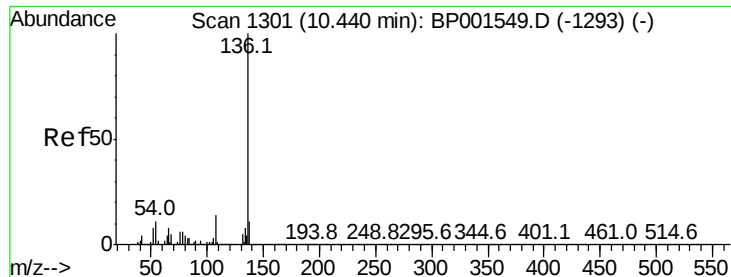
Tot Ion:	70	Resp:	76668
Ion	Ratio	Lower	Upper
70	100		
42	89.6	62.3	93.5
101	9.2	7.3	10.9
130	16.4	13.9	20.9



#20
3+4-Methylphenols
Concen: 39.243 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	107	Resp:	96459
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.2	111.2
77	45.3	24.4	64.4
79	37.0	19.5	59.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1297

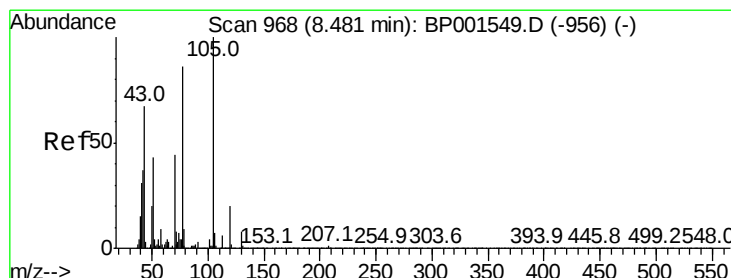
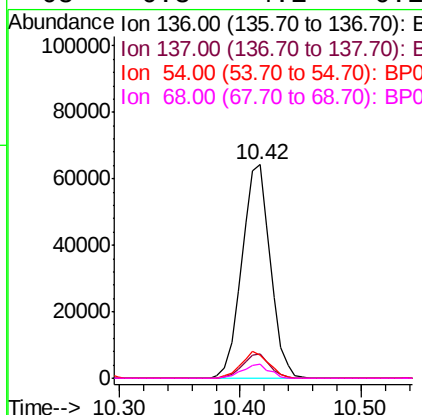
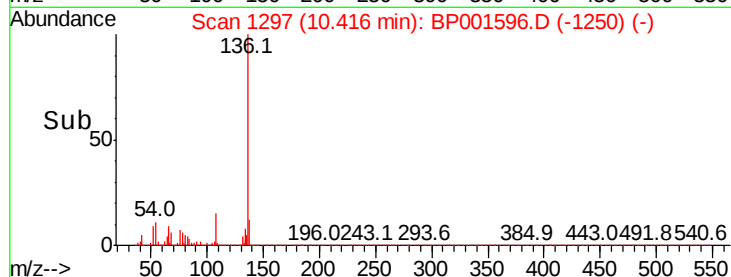
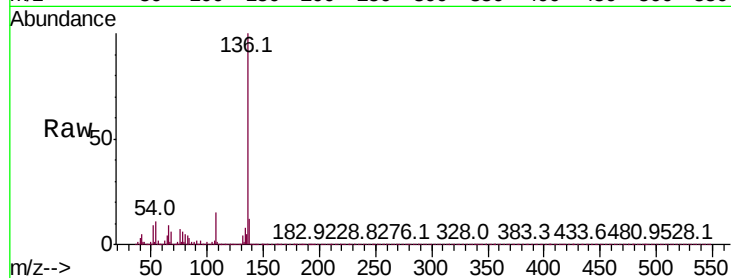
Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	136	Resp:	105752
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	10.7	9.2	13.8
68	6.3	4.1	6.1#



#22

Acetophenone

Concen: 47.638 ng

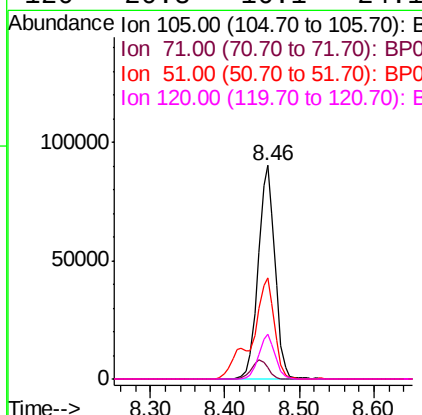
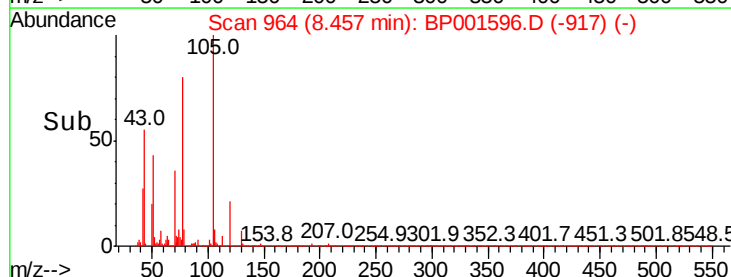
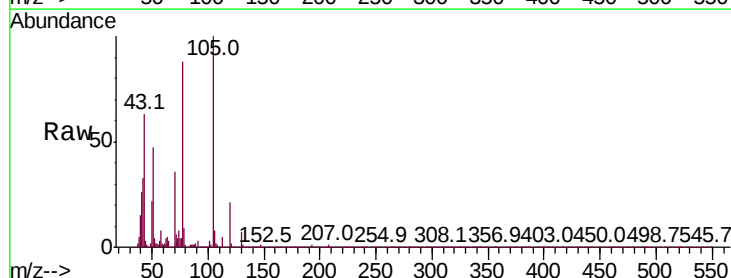
RT: 8.46 min Scan# 964

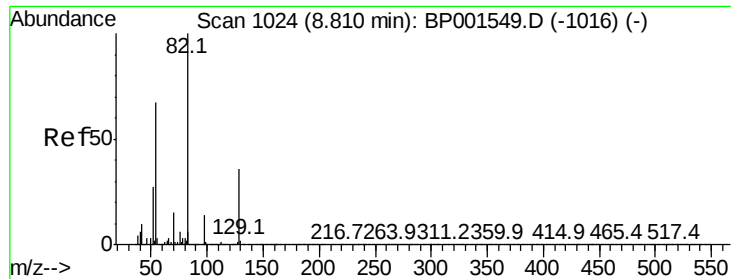
Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:	105	Resp:	141223
Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.6	10.0#
51	47.4	34.1	51.1
120	20.8	16.1	24.1

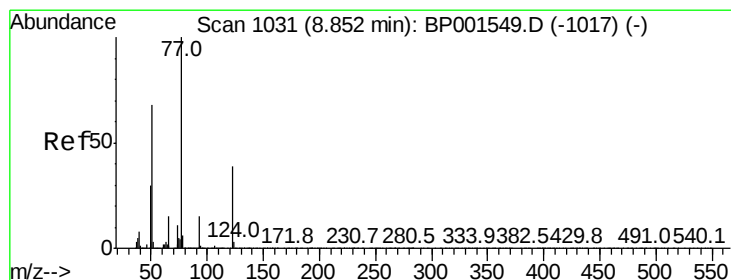
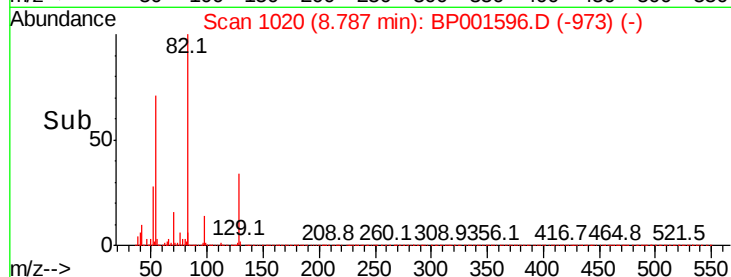
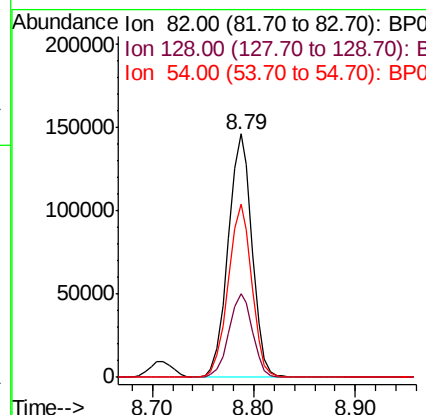
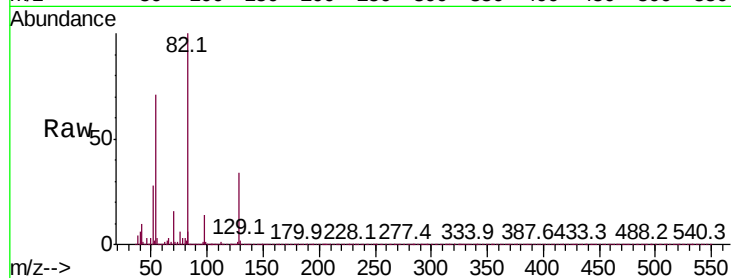




#23
Nitrobenzene-d5
Concen: 98.238 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

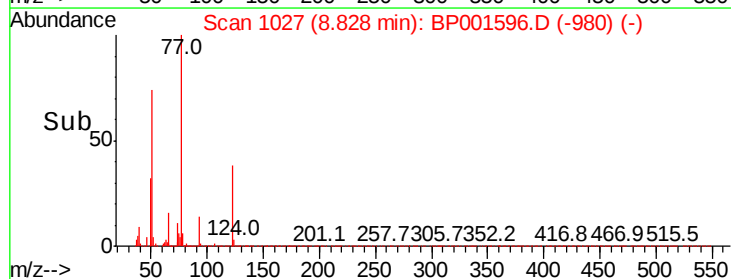
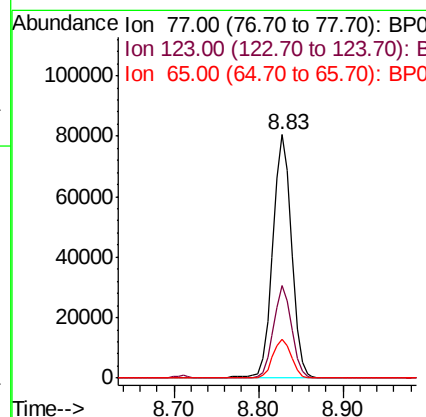
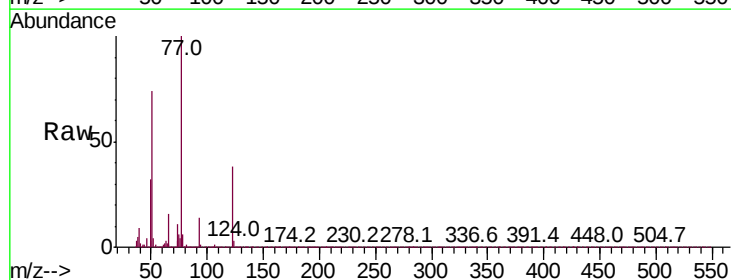
Instrument :
BNA_P
ClientSampleId :

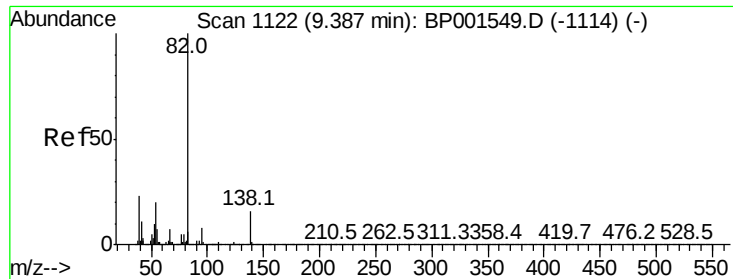
Tot Ion: 82 Resp: 237745
Ion Ratio Lower Upper
82 100
128 34.1 28.4 42.6
54 71.2 53.4 80.2



#24
Nitrobenzene
Concen: 50.260 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion: 77 Resp: 123053
Ion Ratio Lower Upper
77 100
123 37.8 31.1 46.7
65 15.8 12.4 18.6





#25

Isophorone

Concen: 47.608 ng

RT: 9.36 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

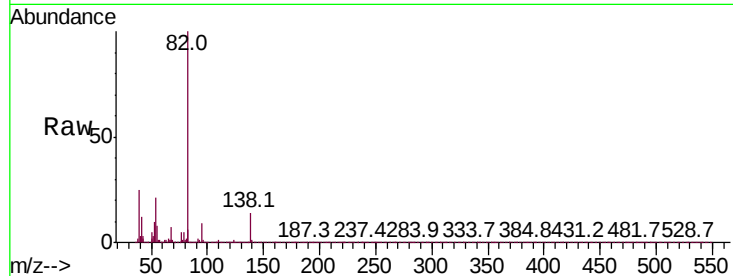
Tot Ion: 82 Resp: 206609

Ion Ratio Lower Upper

82 100

95 8.8 6.7 10.1

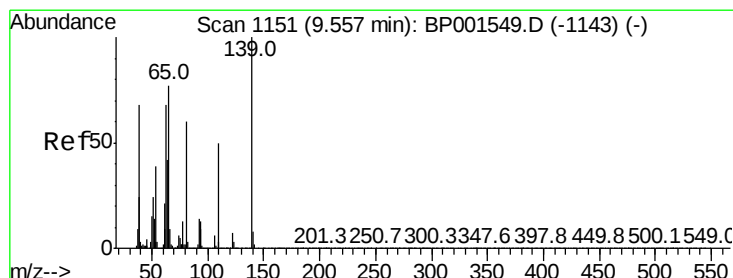
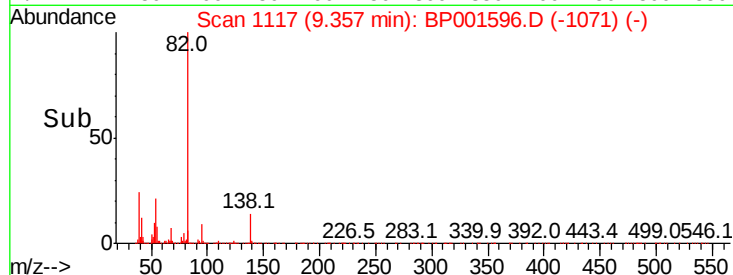
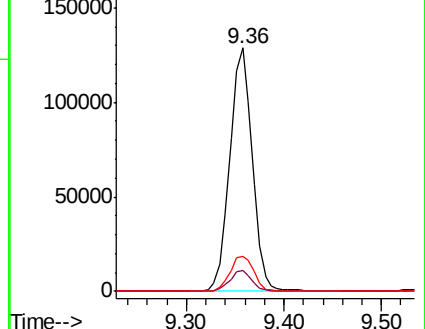
138 14.2 12.5 18.7



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: 50.657 ng

RT: 9.53 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

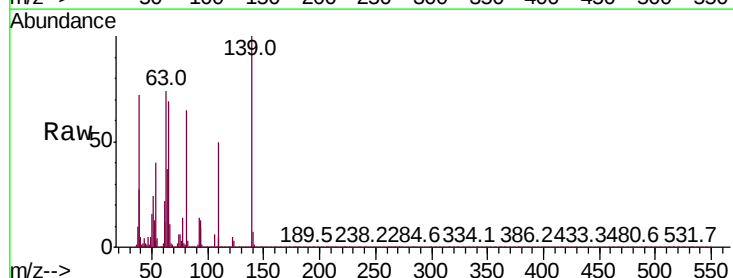
Tgt Ion: 139 Resp: 46871

Ion Ratio Lower Upper

139 100

109 50.3 39.6 59.4

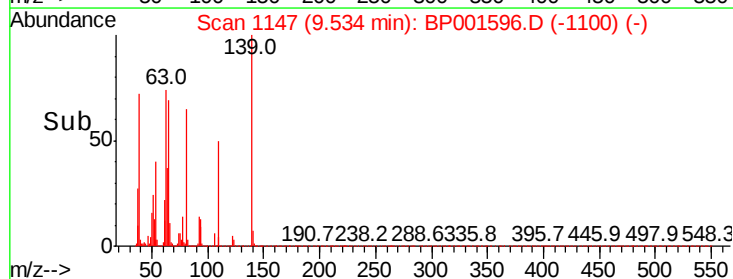
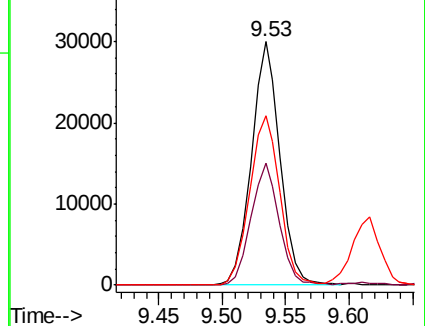
65 69.5 61.3 91.9

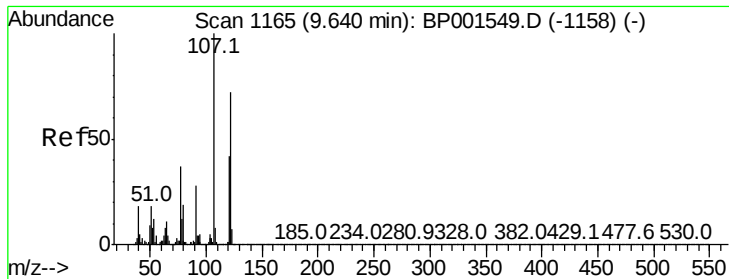


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 54.995 ng

RT: 9.62 min Scan# 1161

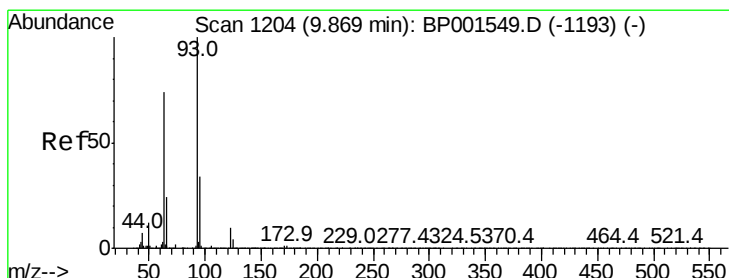
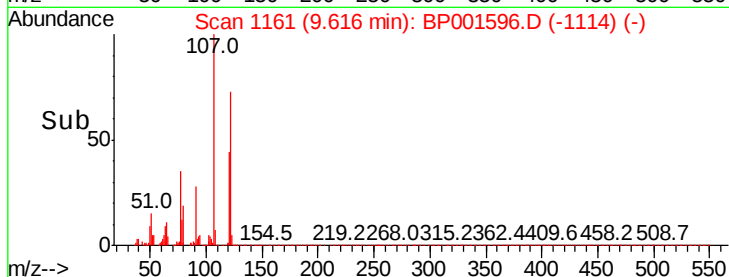
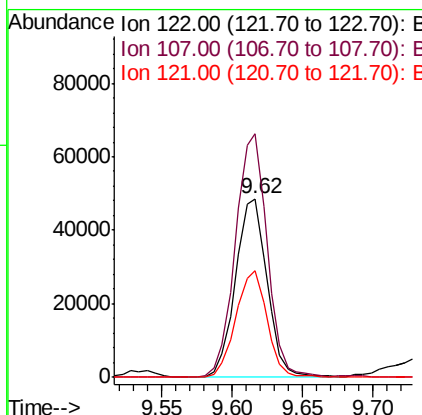
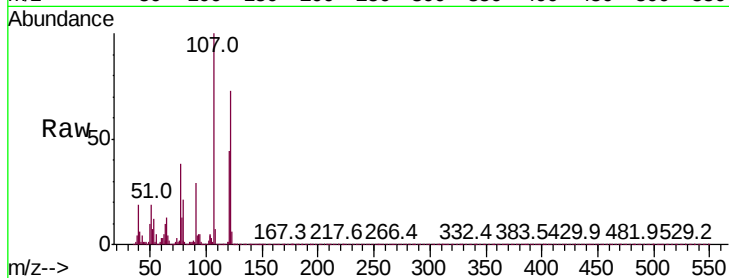
Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	111.8	167.6
121	59.9	47.4	71.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.578 ng

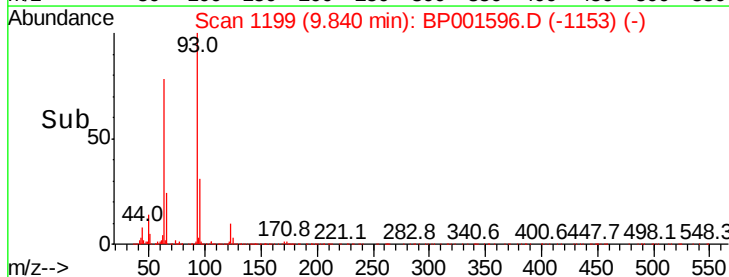
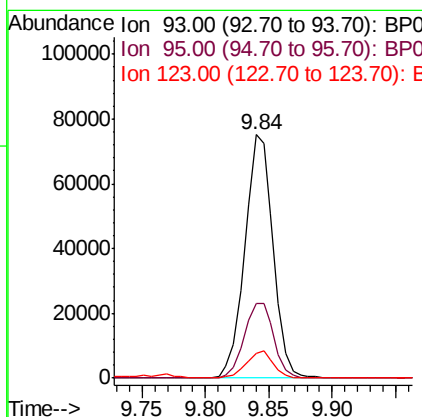
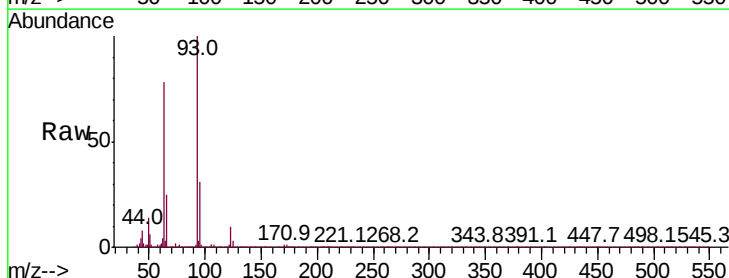
RT: 9.84 min Scan# 1199

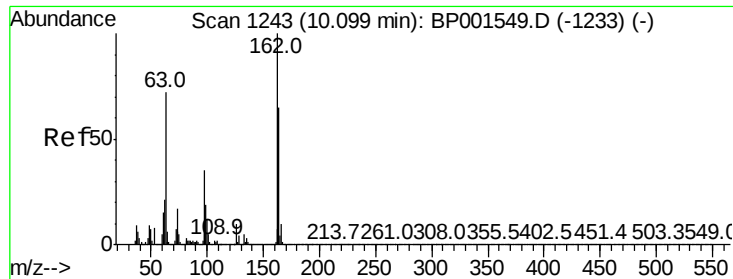
Delta R.T. -0.03 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.9	40.3
123	10.1	8.0	12.0

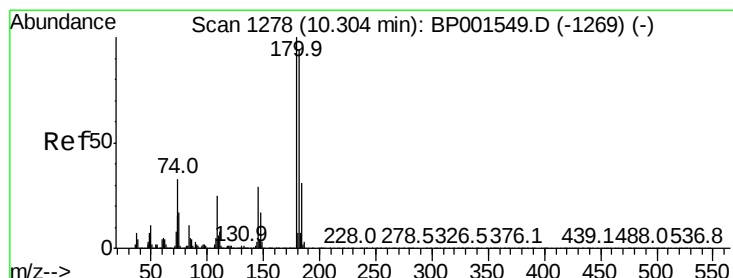
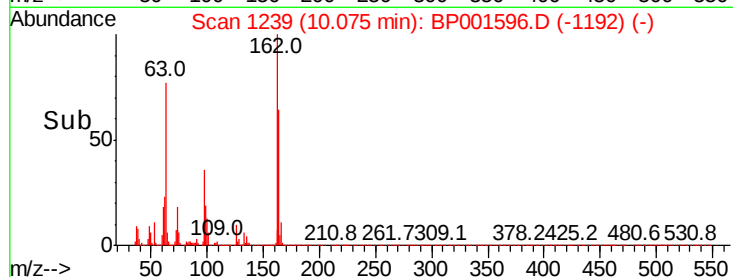
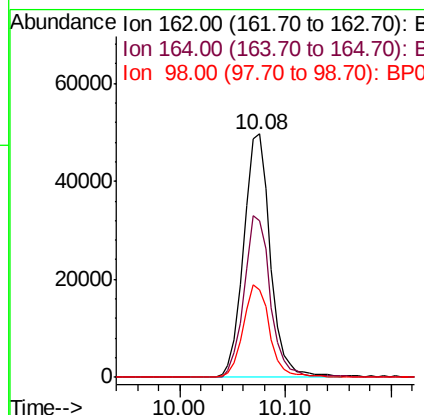
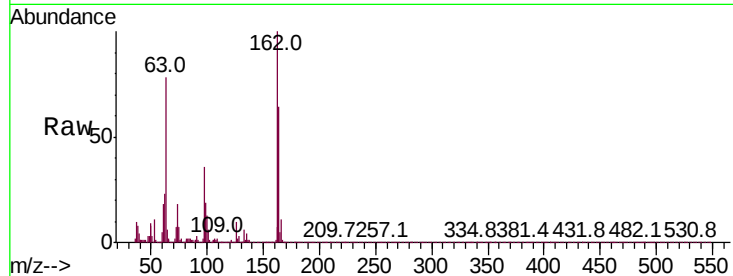




#29
2,4-Dichlorophenol
Concen: 45.963 ng
RT: 10.08 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

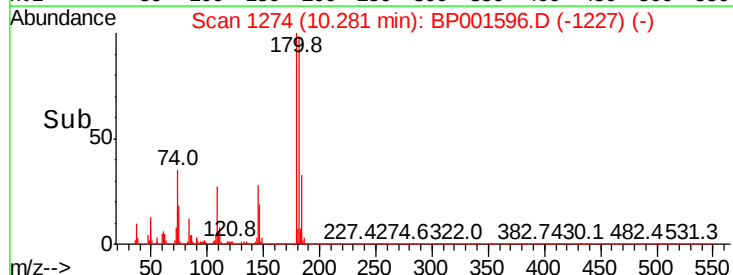
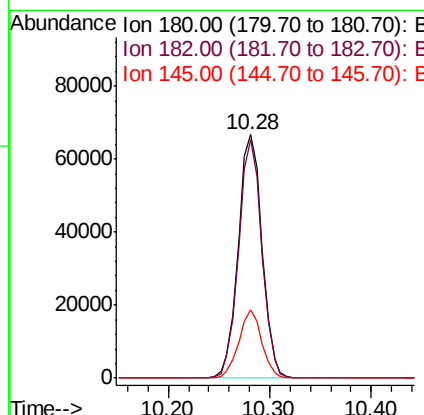
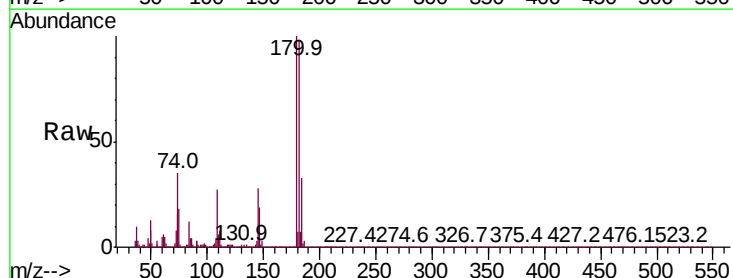
Instrument :
BNA_P
ClientSampleId :

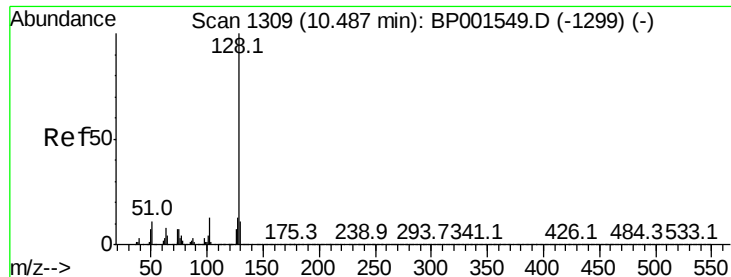
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	36.1	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 47.497 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.2	112.8
145	28.1	22.9	34.3

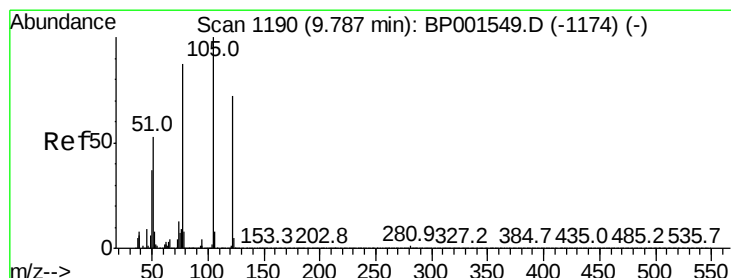
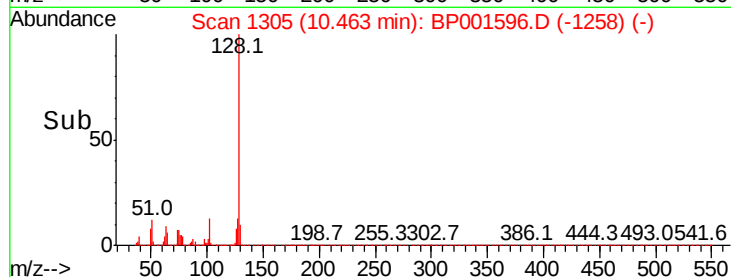
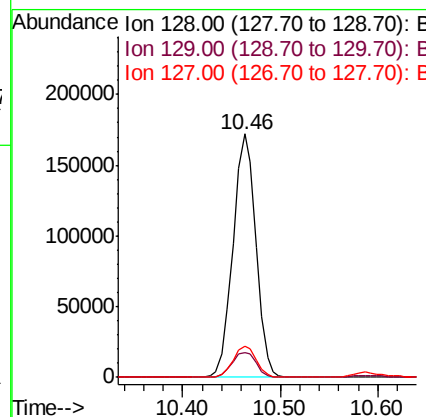
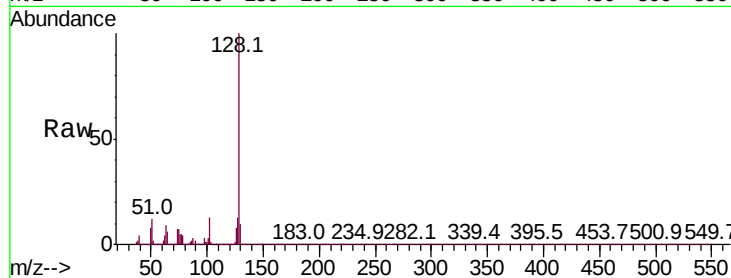




#31
Naphthalene
Concen: 50.045 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

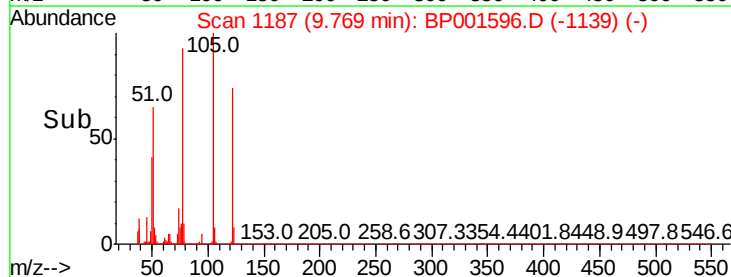
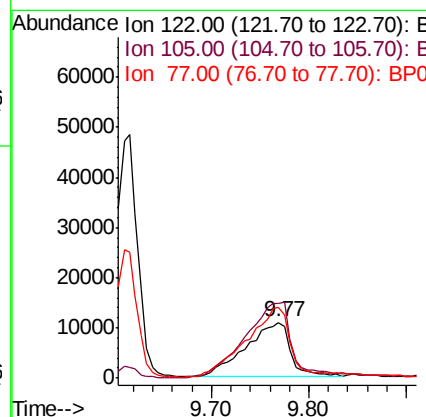
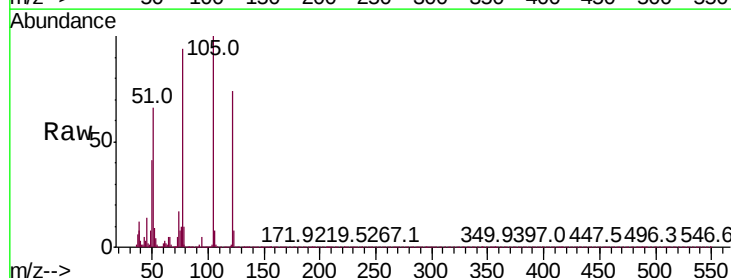
Instrument :
BNA_P
ClientSampleId :

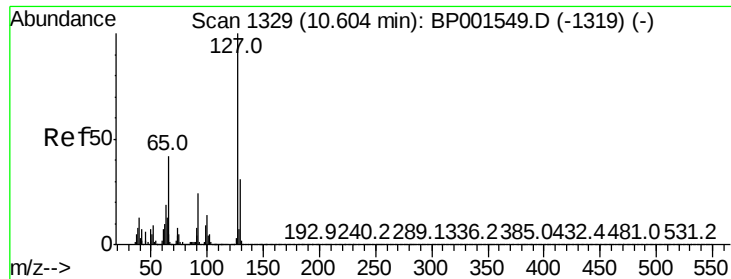
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	12.6	10.6	16.0



#32
Benzoic acid
Concen: 30.533 ng
RT: 9.77 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	119.5	159.5
77	126.1	102.8	142.8

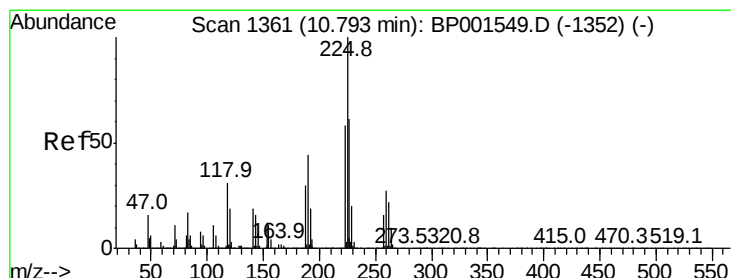
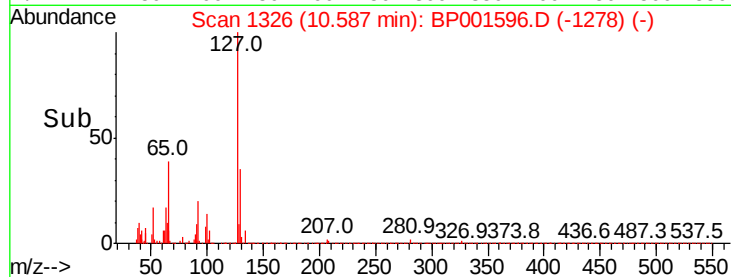
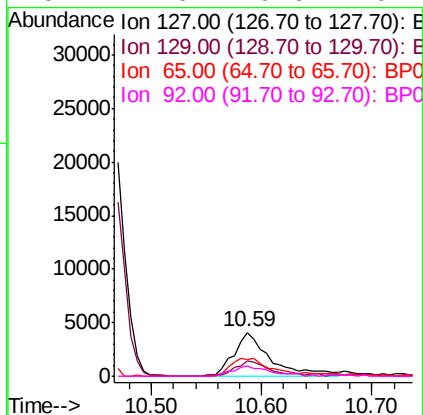
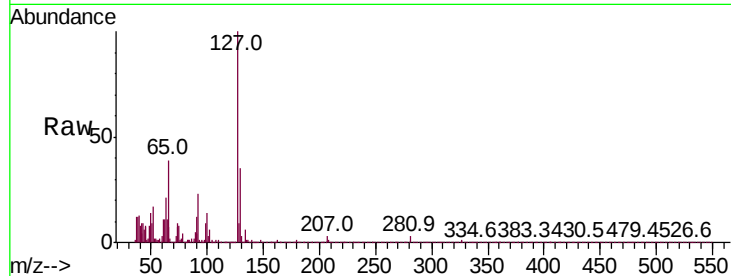




#33
4-Chloroaniline
Concen: 3.651 ng
RT: 10.59 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

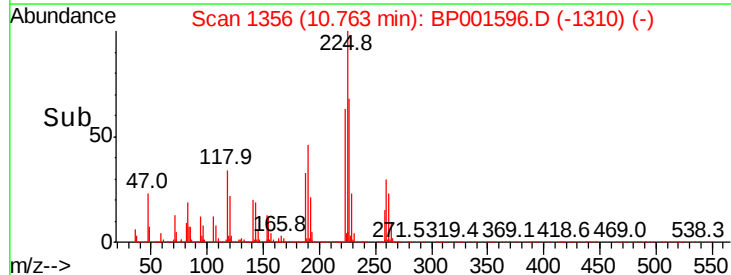
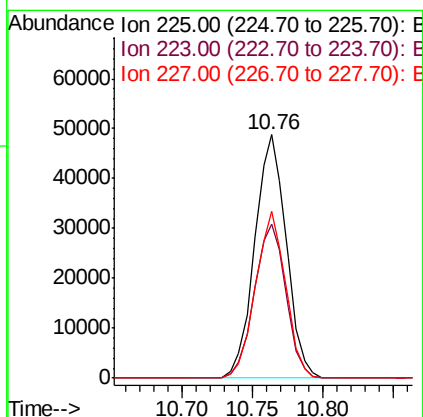
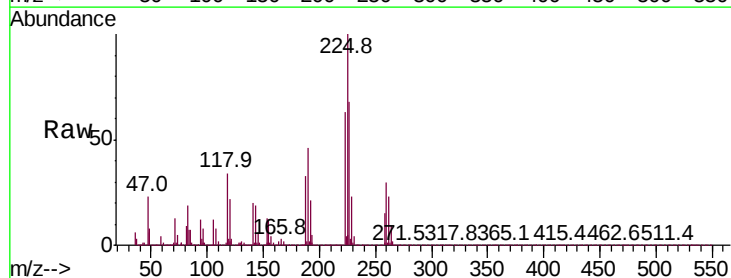
Instrument :
BNA_P
ClientSampled :

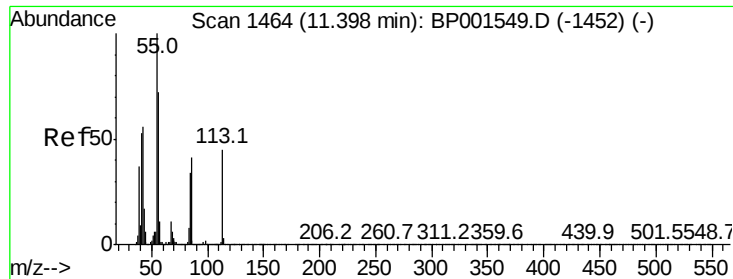
Tot Ion:	127	Resp:	9381
Ion	Ratio	Lower	Upper
127	100		
129	35.4	24.9	37.3
65	38.8	33.3	49.9
92	22.6	19.6	29.4



#34
Hexachlorobutadiene
Concen: 47.478 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	225	Resp:	76768
Ion	Ratio	Lower	Upper
225	100		
223	63.0	46.5	69.7
227	68.4	48.8	73.2





#35

Caprolactam

Concen: 12.984 ng

RT: 11.36 min Scan# 1457

Delta R.T. -0.04 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

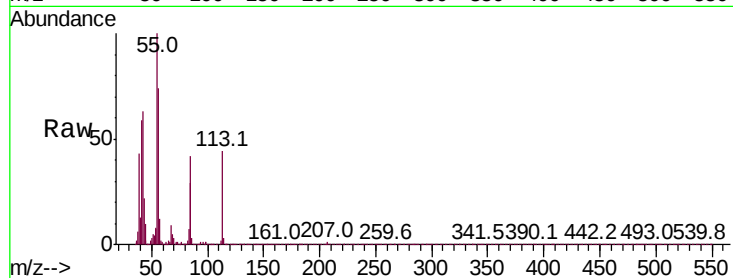
Tot Ion:113 Resp: 8921

Ion Ratio Lower Upper

113 100

55 226.7 202.7 242.7

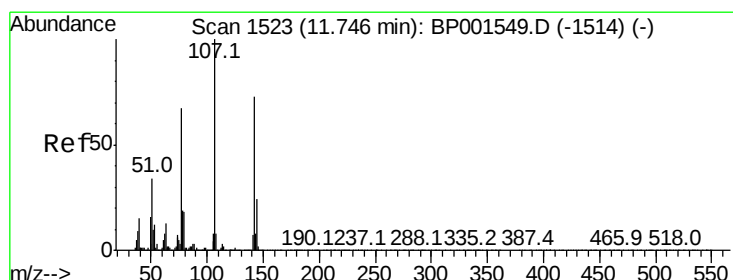
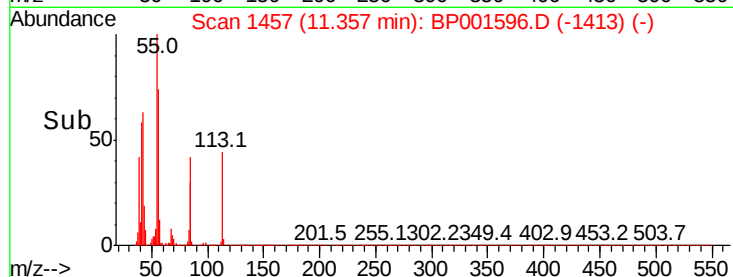
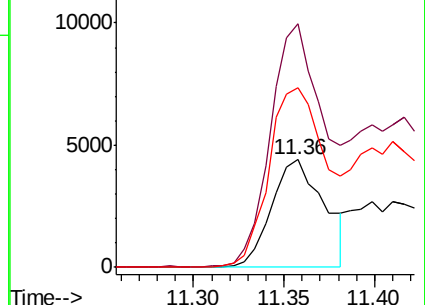
56 166.8 140.0 180.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 41.288 ng

RT: 11.72 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

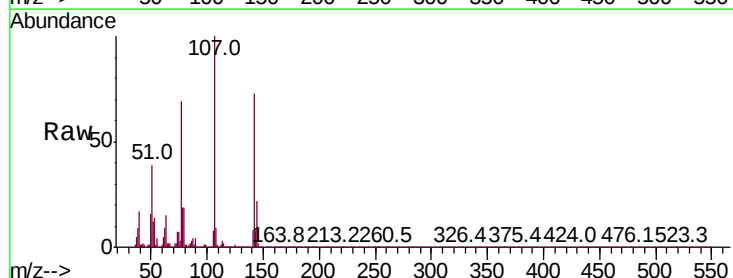
Tgt Ion:107 Resp: 93754

Ion Ratio Lower Upper

107 100

144 22.4 18.9 28.3

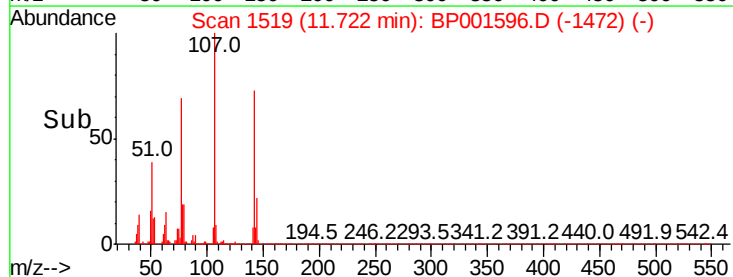
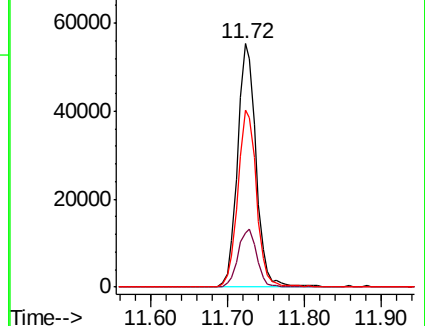
142 72.7 58.0 87.0

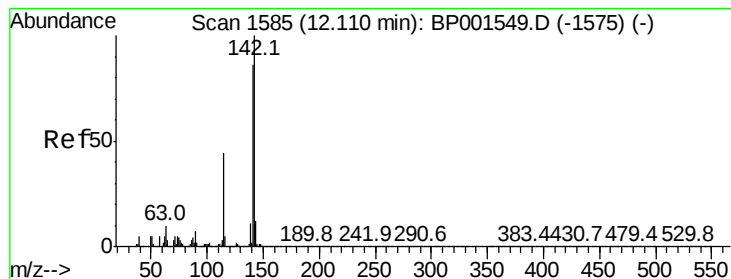


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.862 ng

RT: 12.09 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

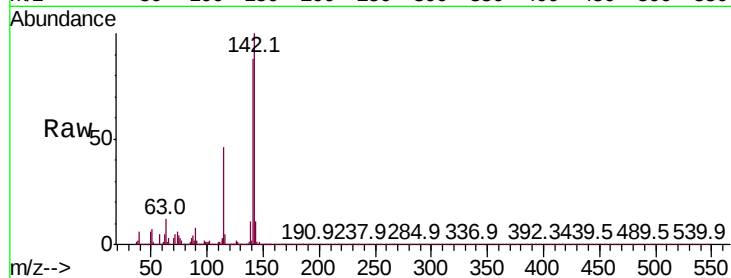
Tot Ion:142 Resp: 203996

Ion Ratio Lower Upper

142 100

141 88.2 68.4 102.6

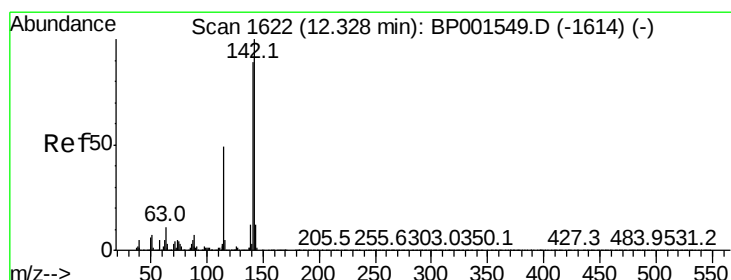
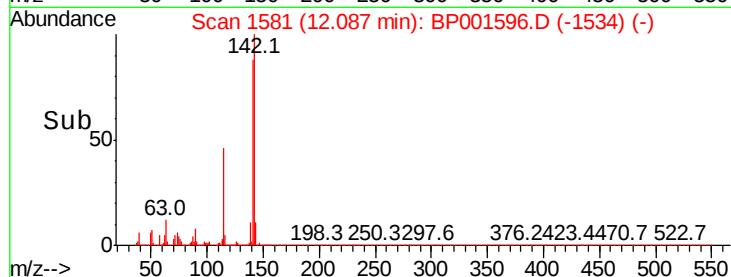
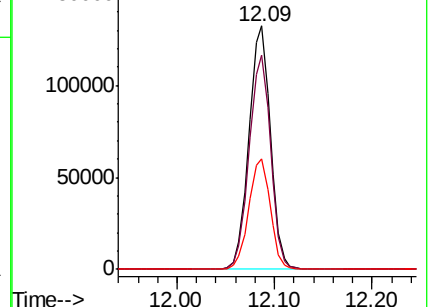
115 45.5 35.1 52.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.785 ng

RT: 12.30 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

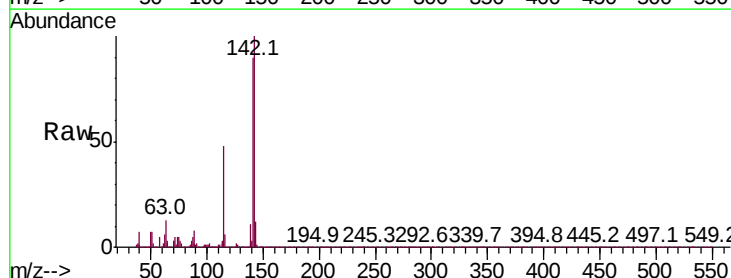
Tgt Ion:142 Resp: 195979

Ion Ratio Lower Upper

142 100

141 89.9 70.9 106.3

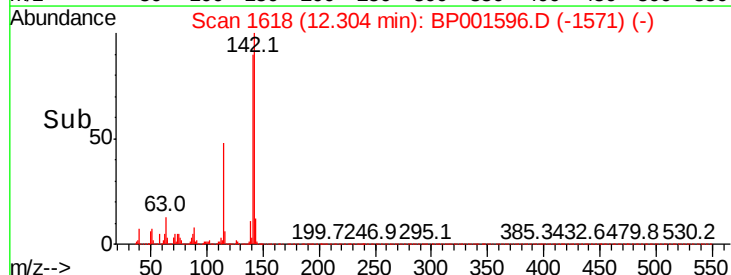
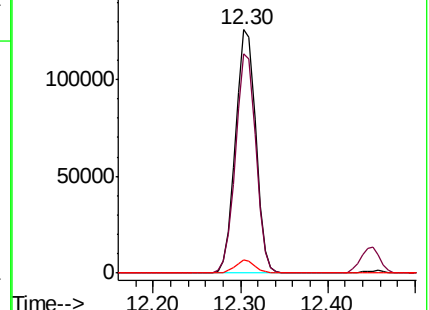
116 5.6 4.1 6.1

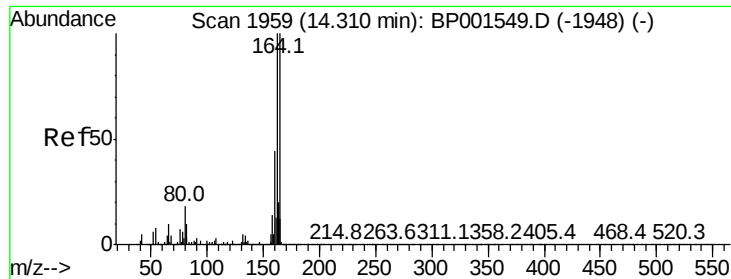


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

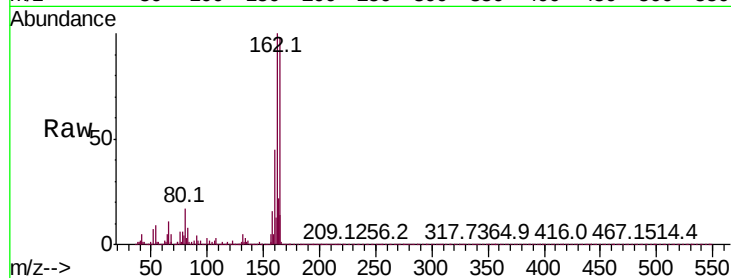
Tot Ion:164 Resp: 73911

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.6

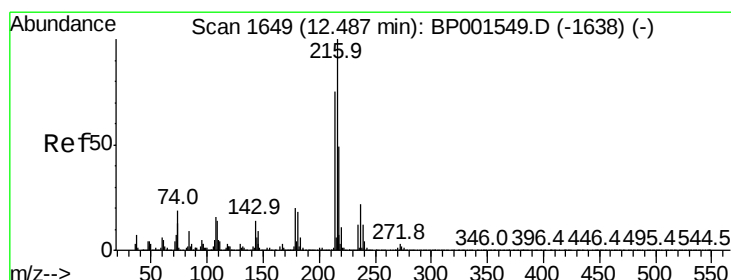
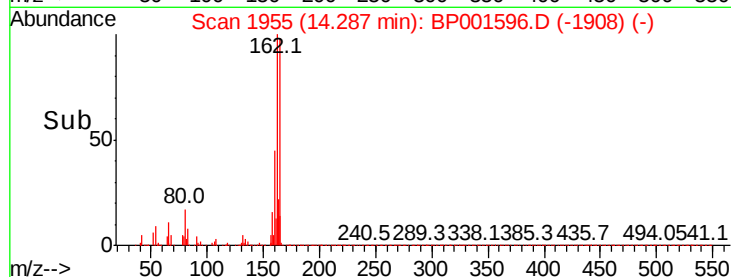
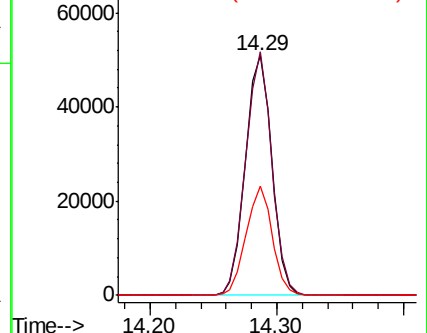
160 45.4 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.398 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:216 Resp: 135197

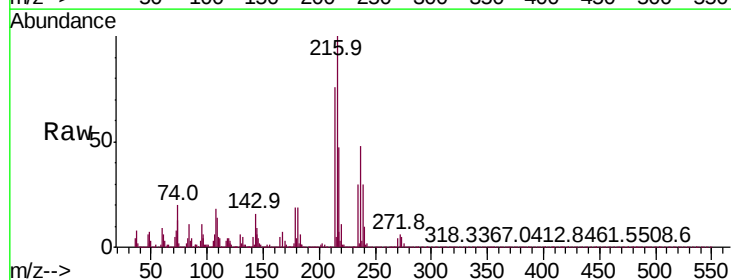
Ion Ratio Lower Upper

216 100

214 77.3 61.3 91.9

179 20.1 15.7 23.5

108 22.3 14.2 21.4#

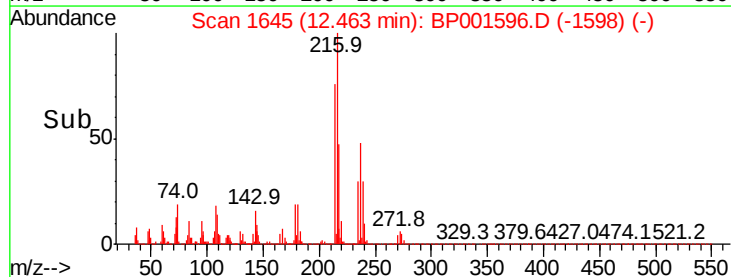
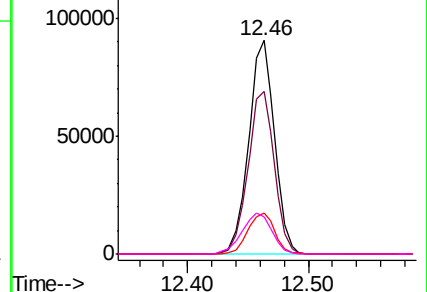


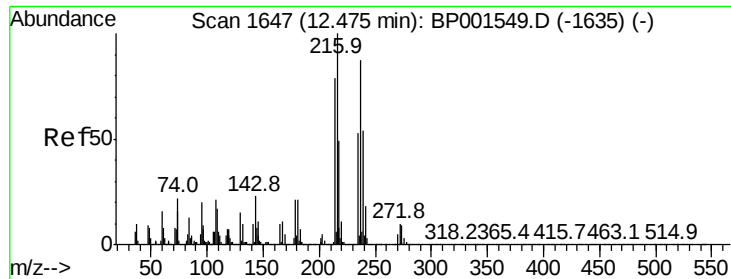
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 147.342 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

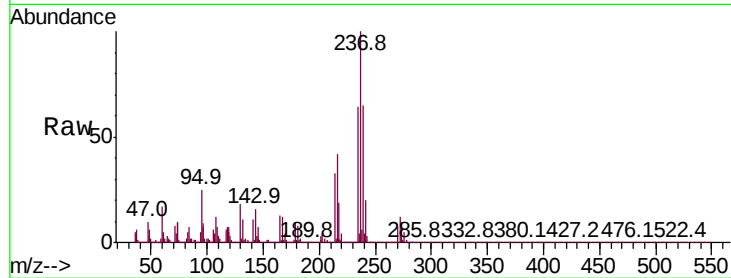
Tot Ion:237 Resp: 189230

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

272 12.1 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

150000

100000

50000

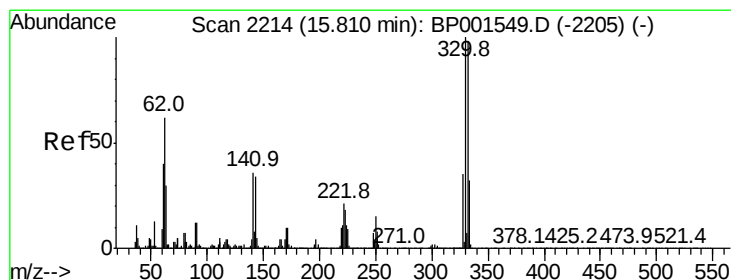
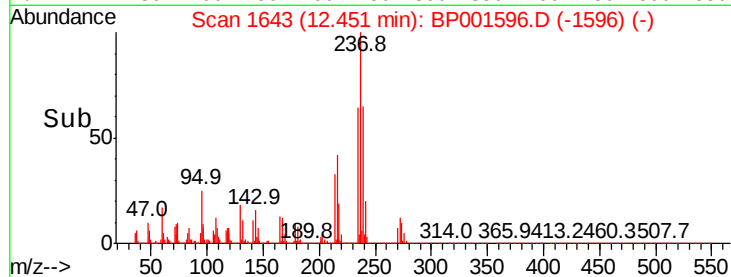
0

12.45

12.40

12.50

Time-->



#42

2,4,6-Tribromophenol

Concen: 132.852 ng

RT: 15.79 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

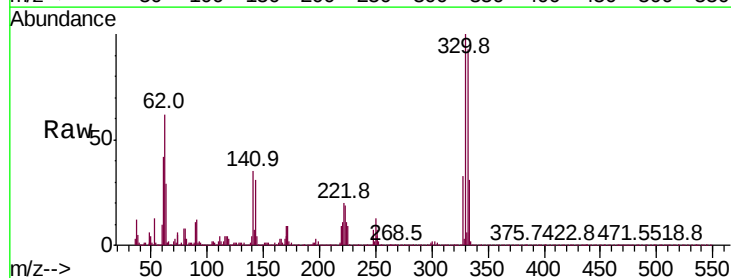
Tgt Ion:330 Resp: 149468

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

141 38.7 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

100000

50000

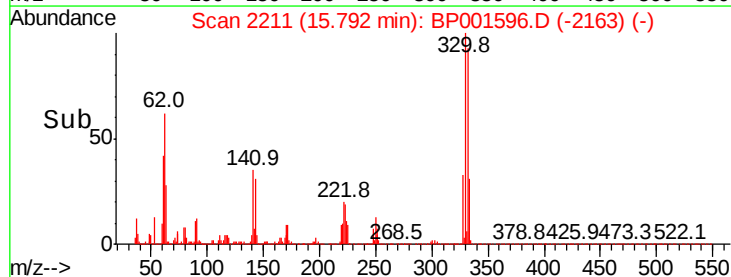
0

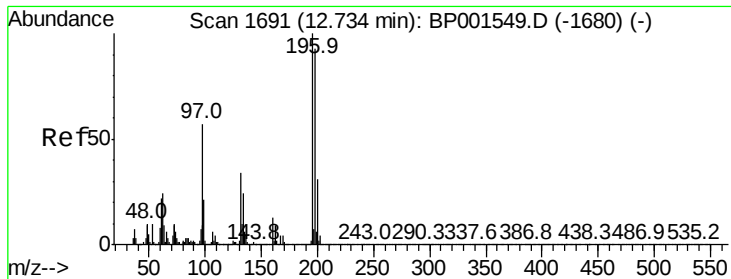
15.79

15.70

15.90

Time-->

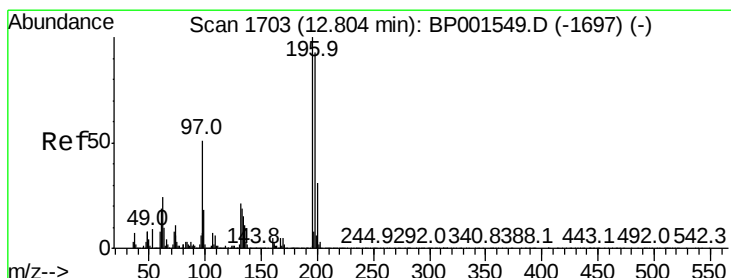
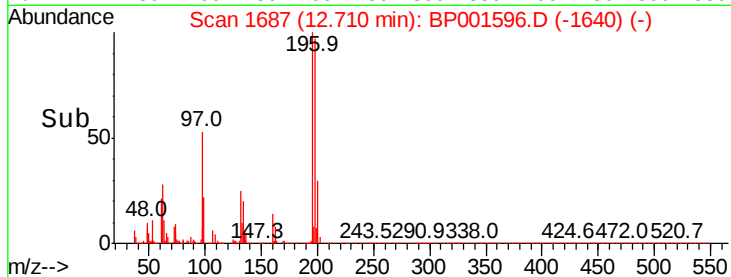
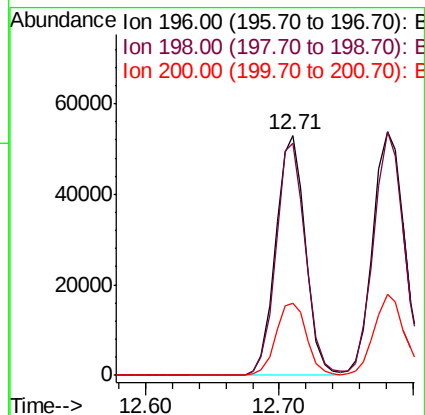
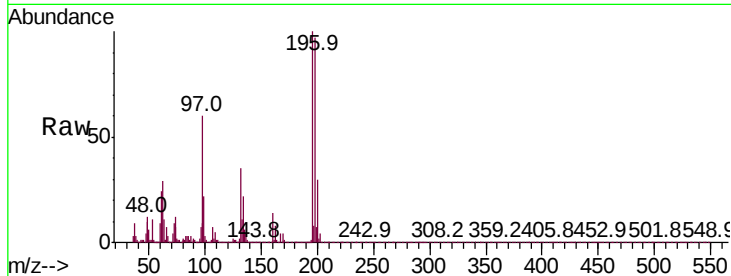




#43
 2,4,6-Trichlorophenol
 Concen: 50.157 ng
 RT: 12.71 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

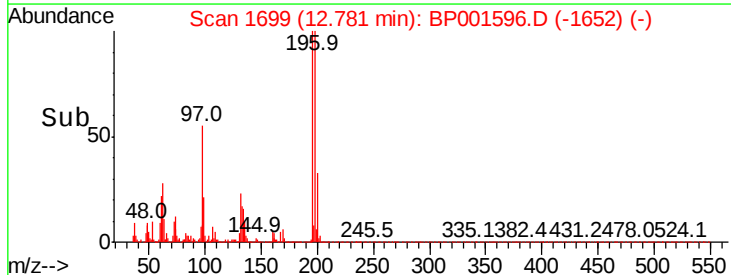
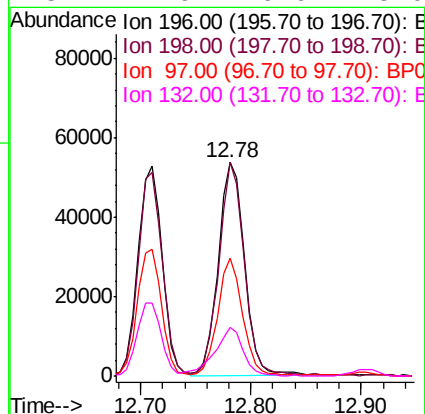
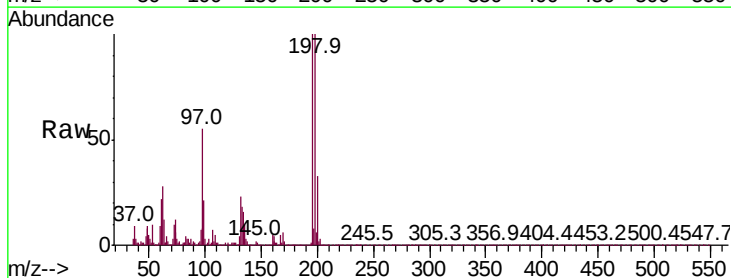
Instrument :
 BNA_P
 ClientSampleId :

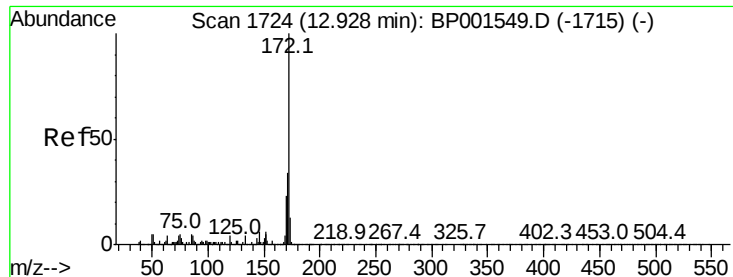
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.2	111.4
200	30.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.892 ng
 RT: 12.78 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	74.6	111.8
97	55.3	41.0	61.6
132	22.6	16.6	25.0

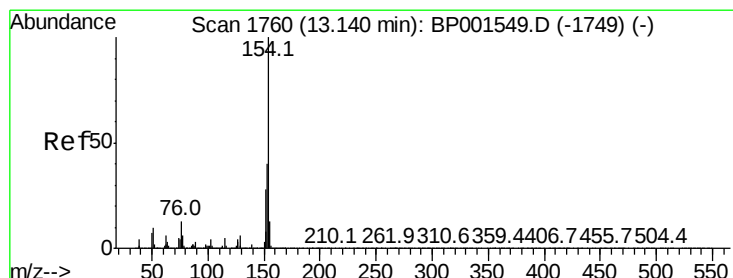
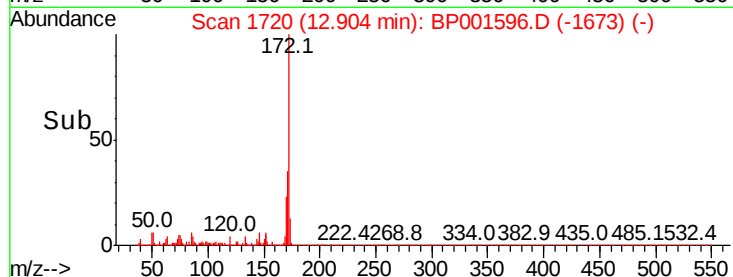
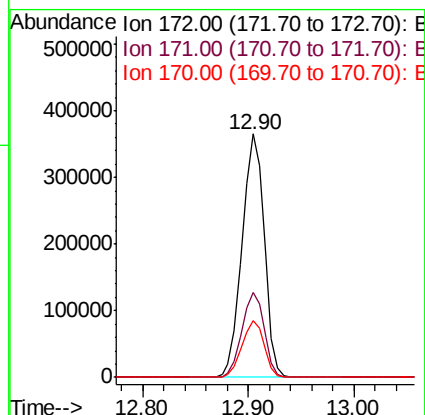
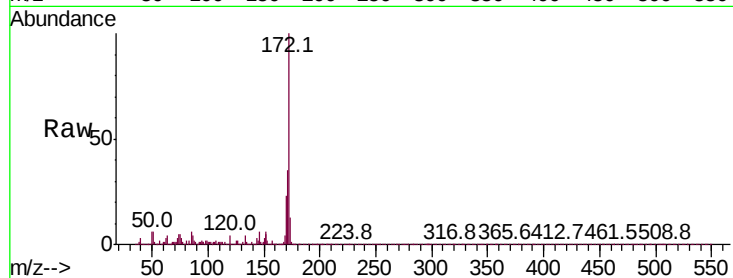




#45
2-Fluorobiphenyl
Concen: 104.732 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

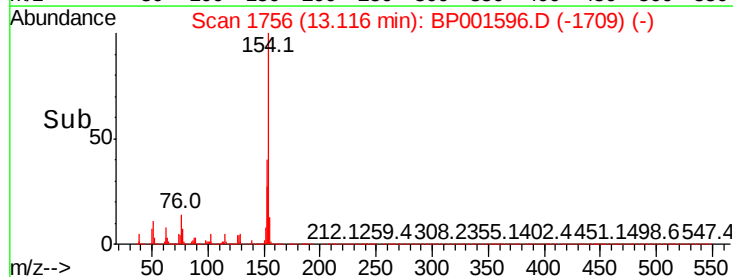
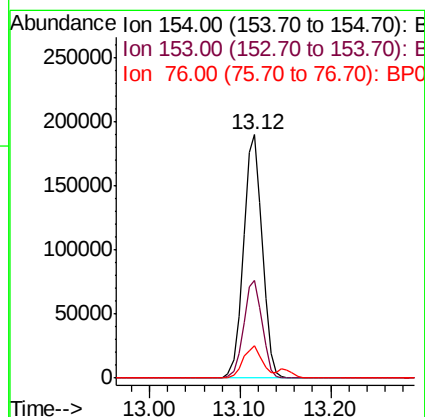
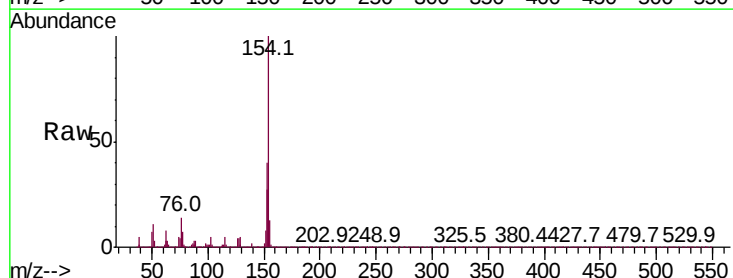
Instrument :
BNA_P
ClientSampleId :

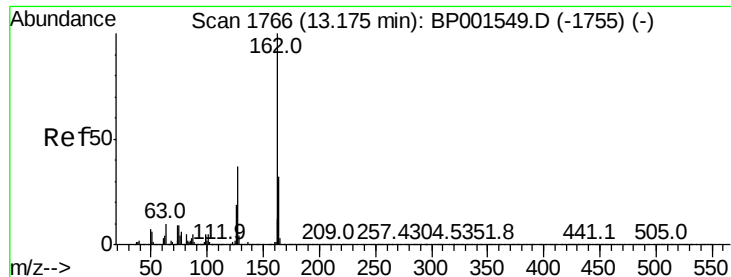
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.3	18.3	27.5



#46
1,1'-Biphenyl
Concen: 51.180 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	13.5	0.0	33.1

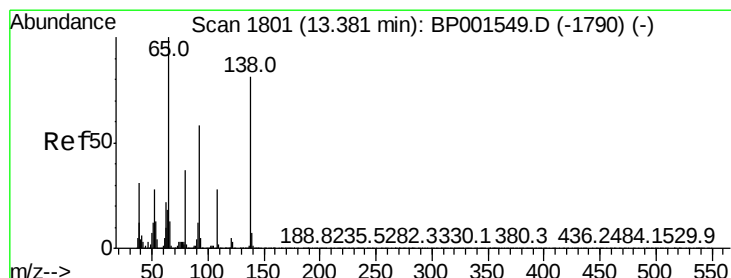
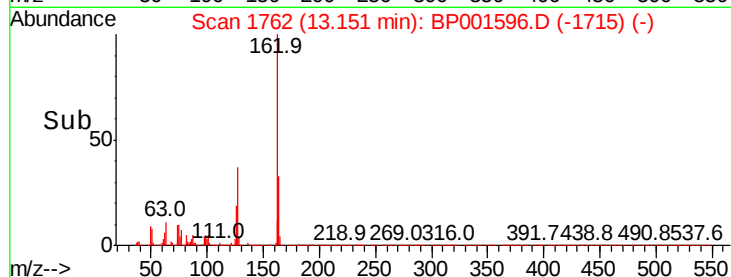
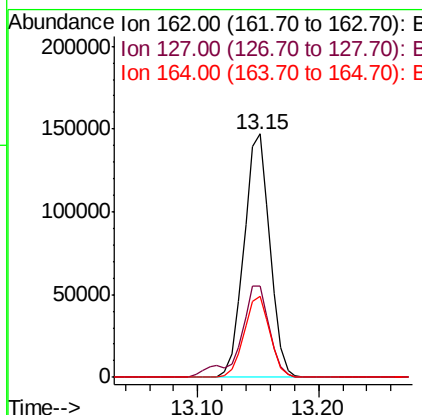
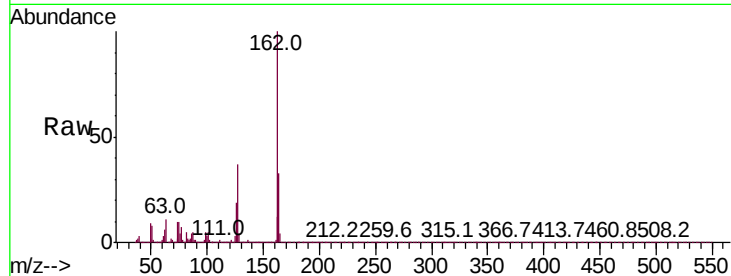




#47
2-Chloronaphthalene
Concen: 49.935 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

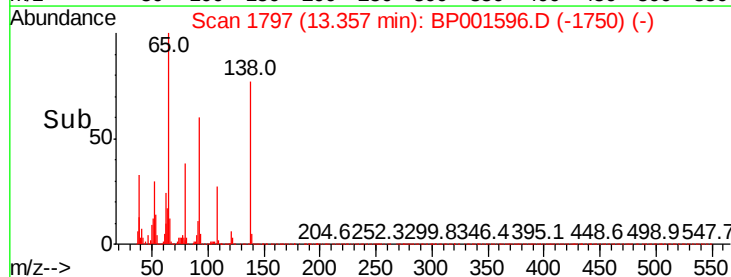
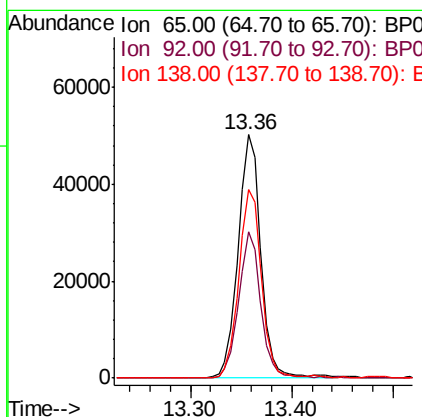
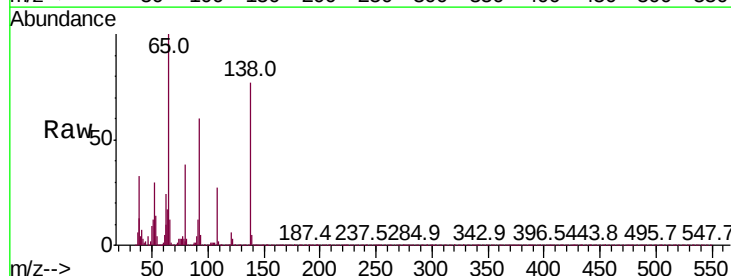
Instrument :
BNA_P
ClientSampleId :

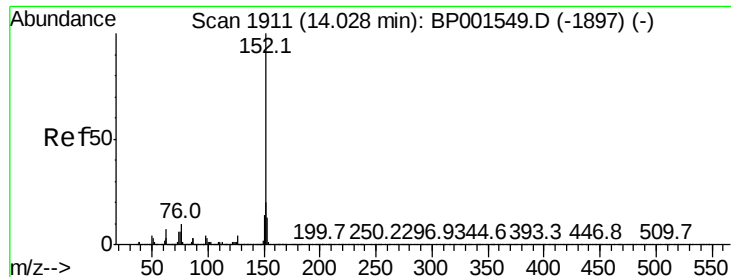
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.9	44.9
164	33.1	26.0	39.0



#48
2-Nitroaniline
Concen: 45.353 ng
RT: 13.36 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	46.2	69.2
138	77.3	64.7	97.1





#49

Acenaphthylene

Concen: 50.721 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

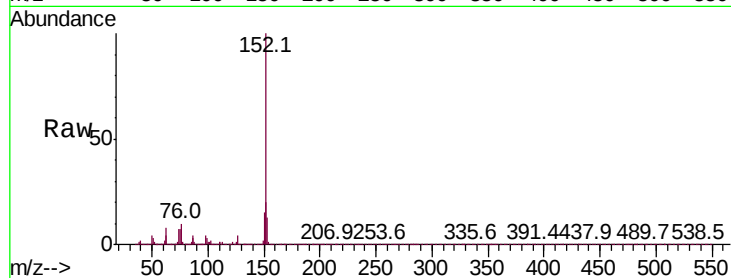
Tot Ion:152 Resp: 344328

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

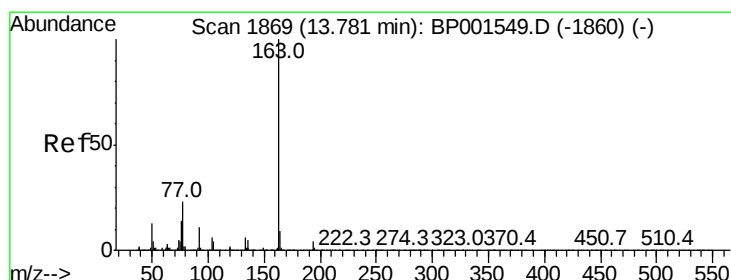
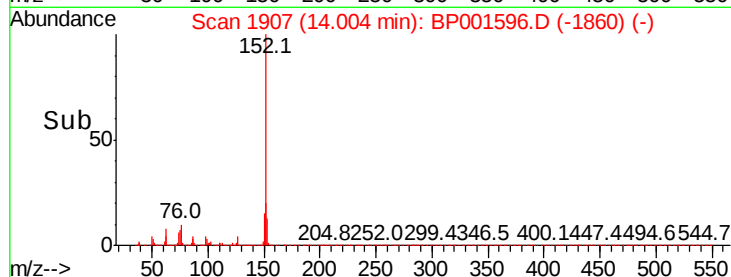
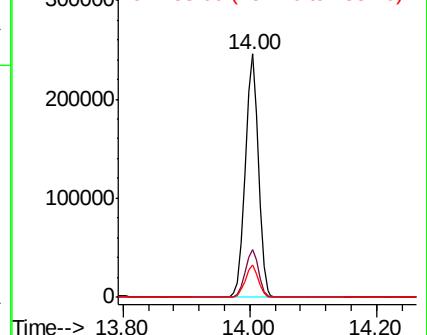
153 13.1 10.4 15.6



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: 45.465 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

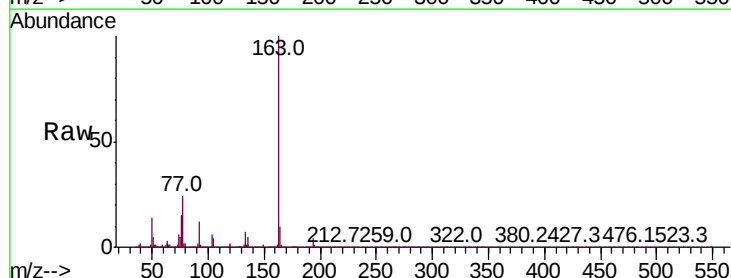
Tgt Ion:163 Resp: 276775

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

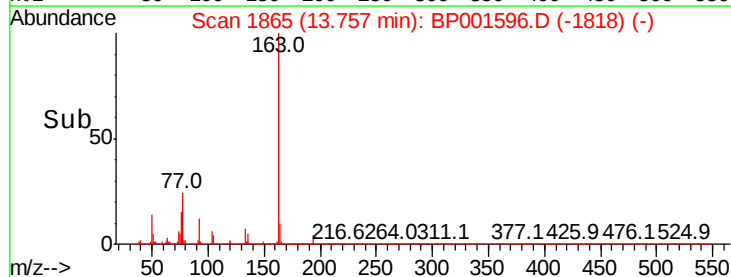
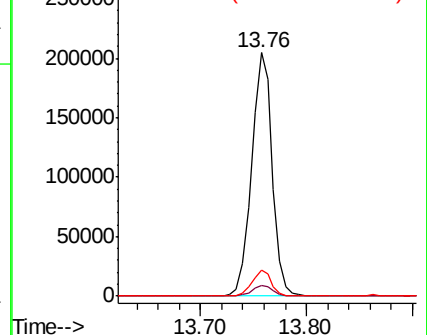
164 10.5 7.5 11.3

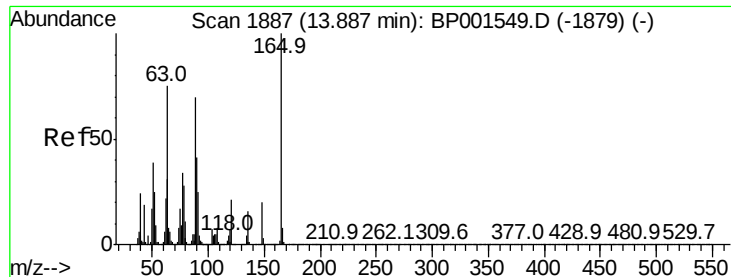


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.222 ng

RT: 13.86 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampled :

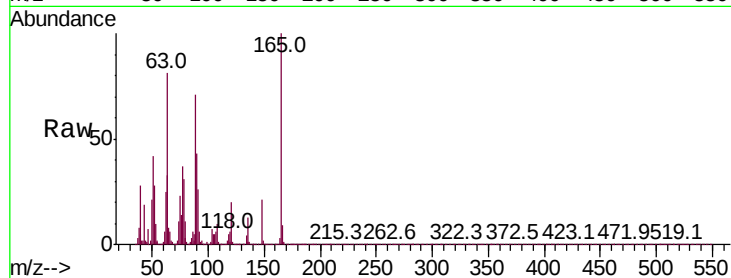
Tot Ion:165 Resp: 59670

Ion Ratio Lower Upper

165 100

63 80.9 60.9 91.3

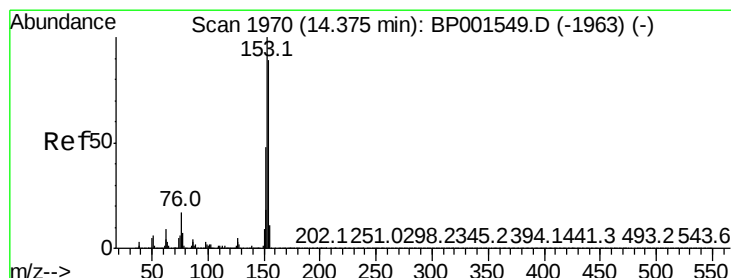
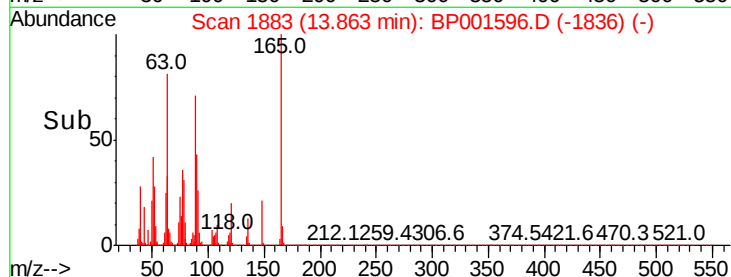
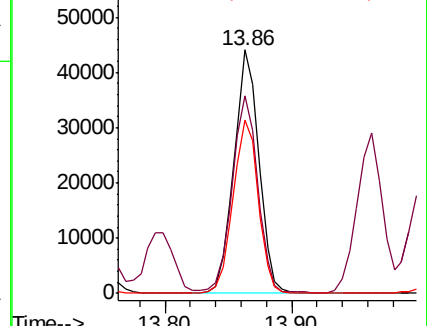
89 71.2 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 48.505 ng

RT: 14.35 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

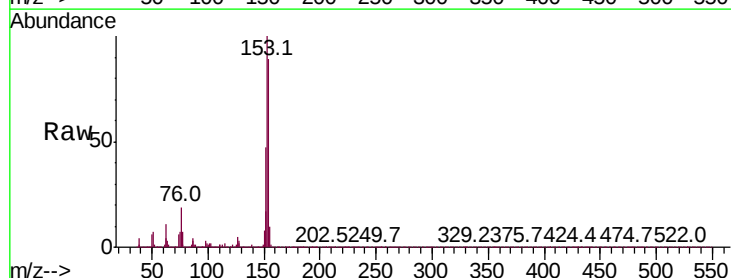
Tgt Ion:154 Resp: 203938

Ion Ratio Lower Upper

154 100

153 112.0 89.4 134.2

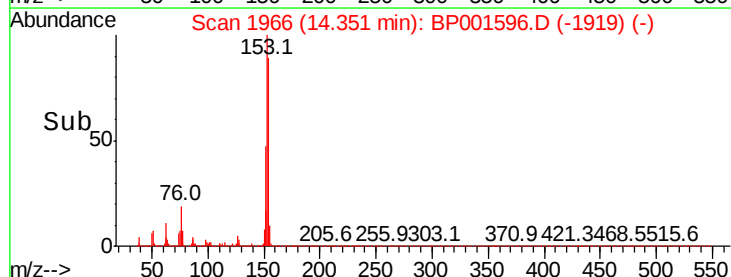
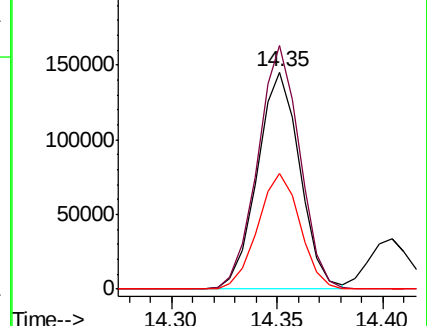
152 53.0 42.6 64.0

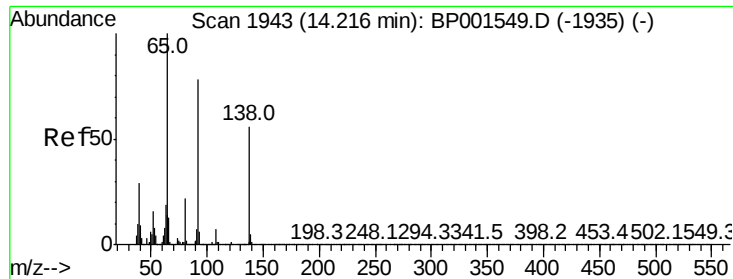


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

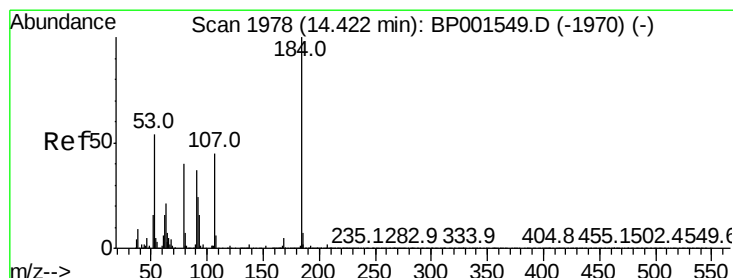
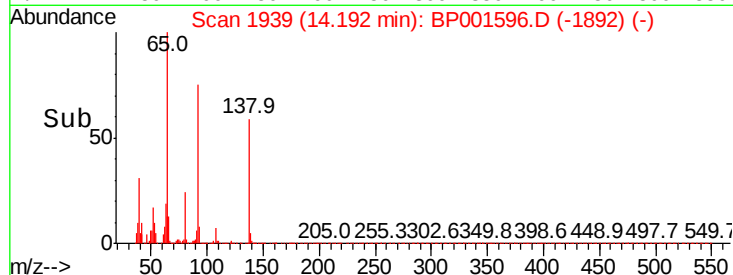
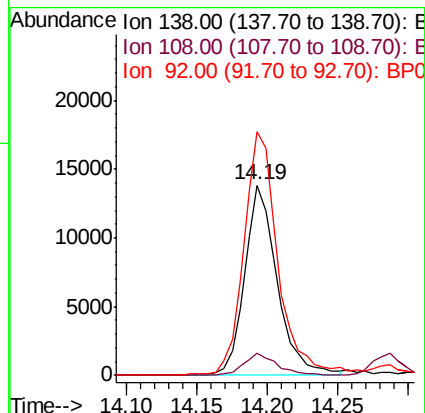
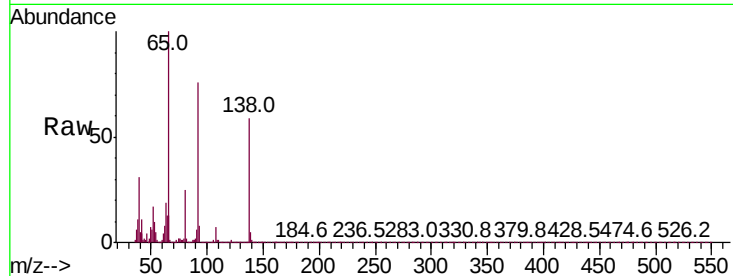




#53
3-Nitroaniline
Concen: 16.255 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

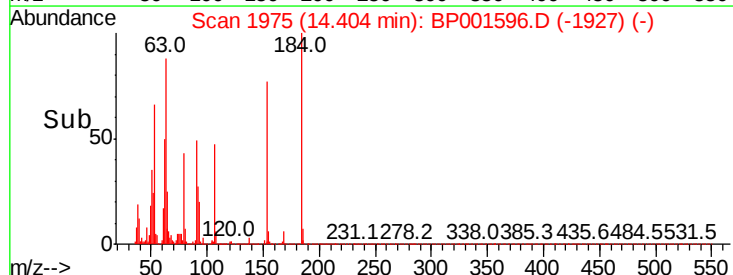
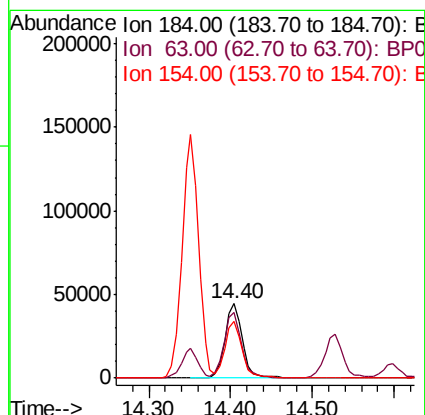
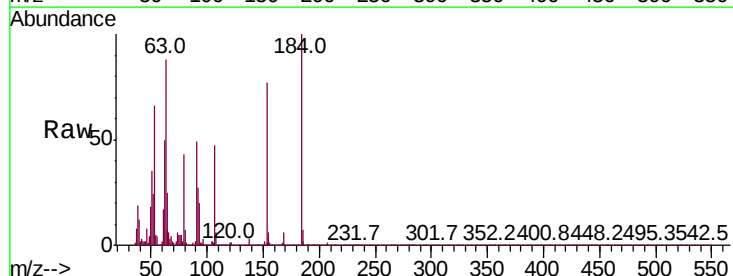
Instrument :
BNA_P
ClientSampled :

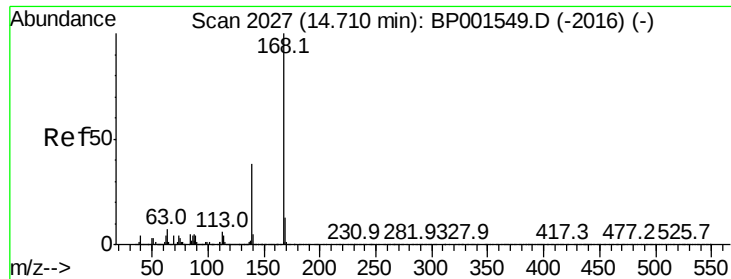
Tot Ion:138 Resp: 22156
Ion Ratio Lower Upper
138 100
108 11.6 9.9 14.9
92 128.2 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 91.284 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:184 Resp: 66259
Ion Ratio Lower Upper
184 100
63 88.4 59.7 89.5
154 77.0 53.9 80.9





#55

Dibenzofuran

Concen: 48.460 ng

RT: 14.69 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

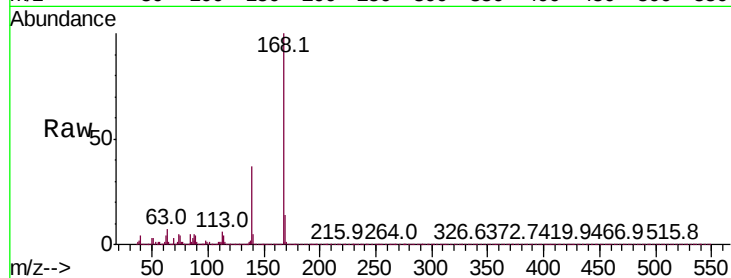
Tot Ion:168 Resp: 344546

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.4

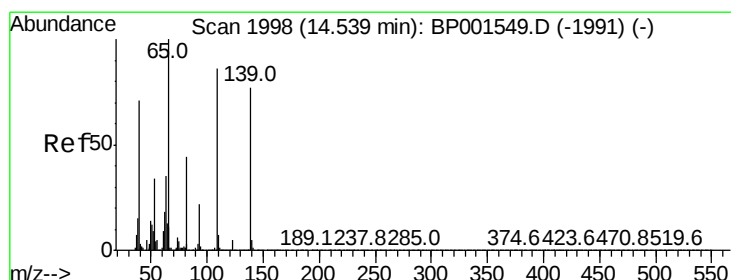
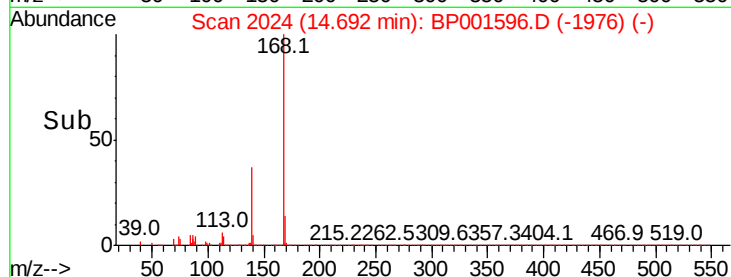
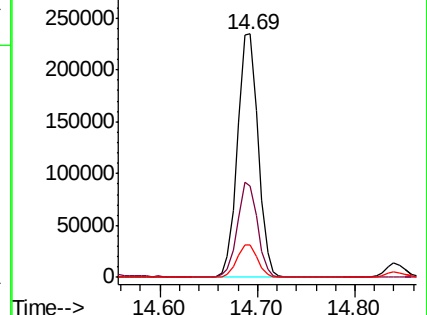
169 13.6 10.6 16.0



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: 76.444 ng

RT: 14.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

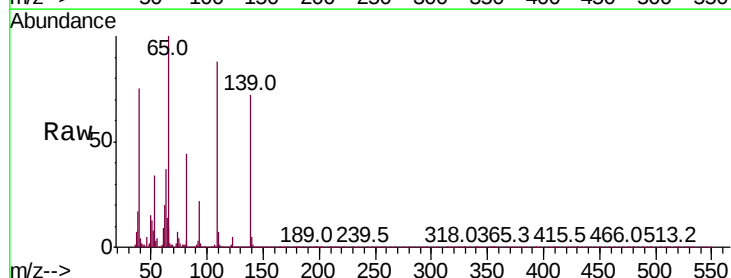
Tgt Ion:139 Resp: 83202

Ion Ratio Lower Upper

139 100

109 122.0 92.7 132.7

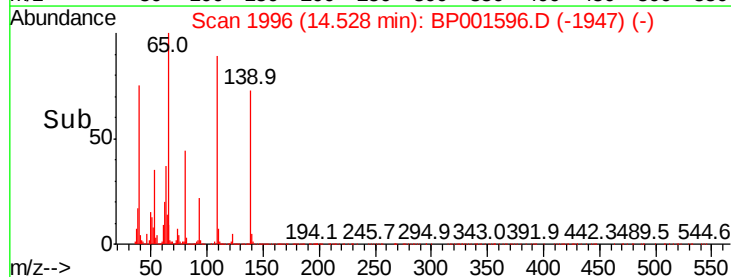
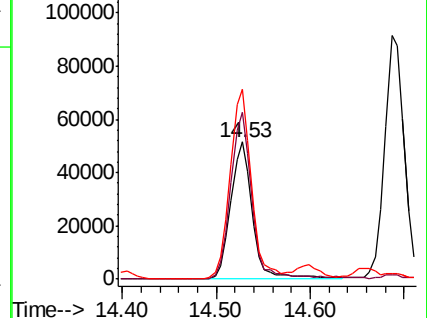
65 138.3 111.1 151.1

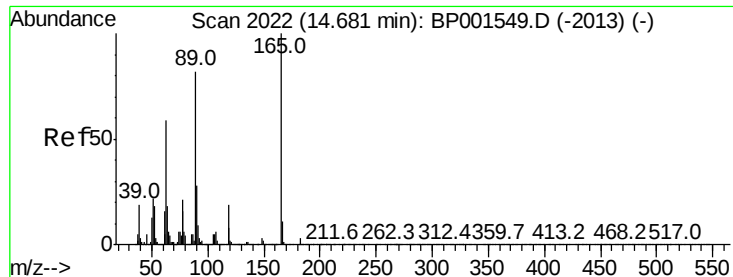


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

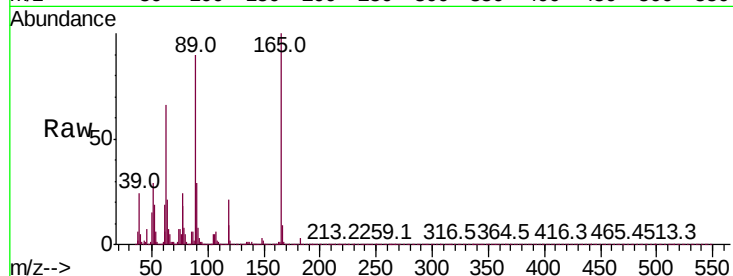




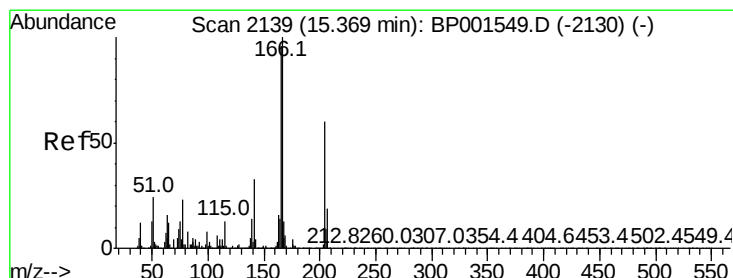
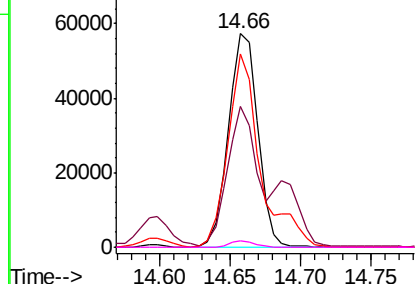
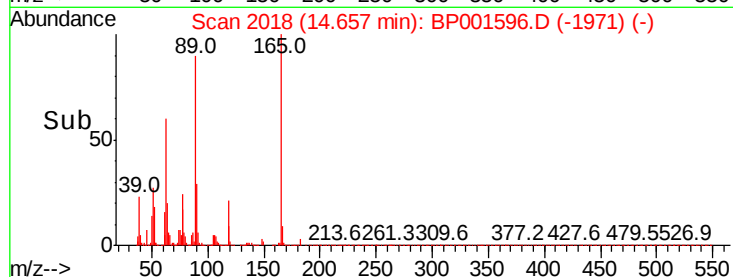
#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	165	Resp:	83103
Ion	Ratio	Lower	Upper
165	100		
63	65.8	47.3	70.9
89	90.2	65.4	98.0
182	2.9	2.5	3.7

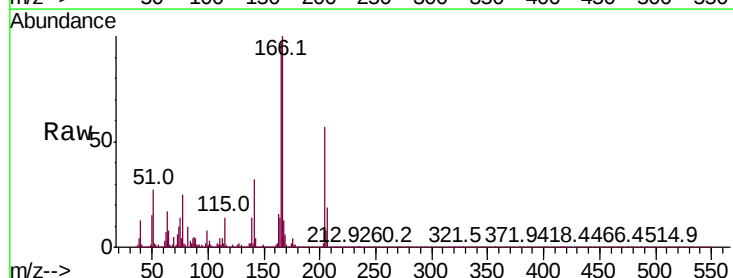


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

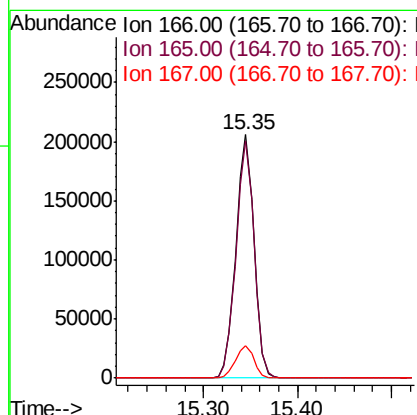
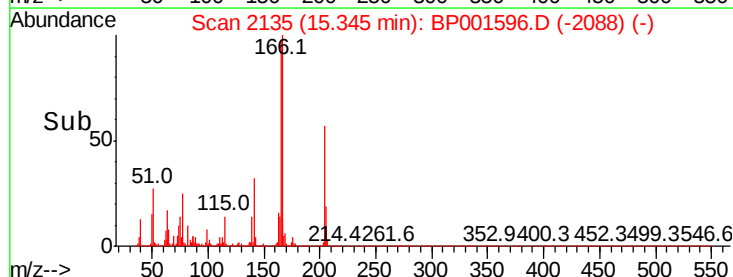


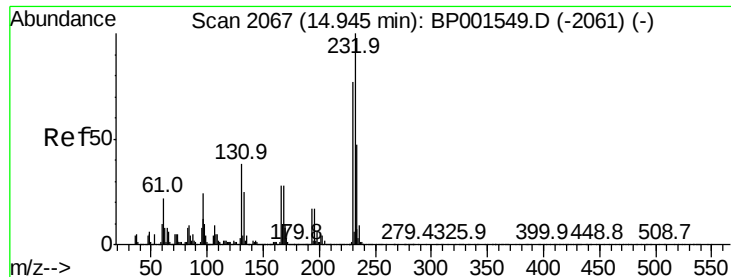
#58
Fluorene
Concen: 47.734 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	166	Resp:	274625
Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.9	115.3
167	13.2	10.3	15.5



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

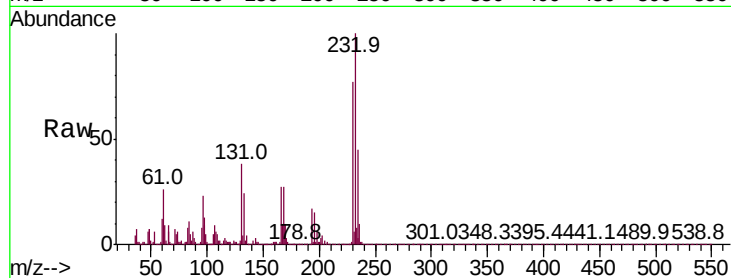




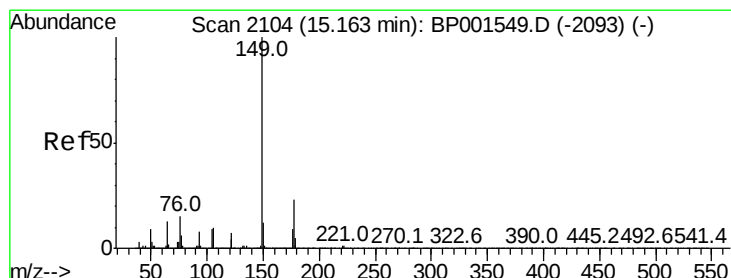
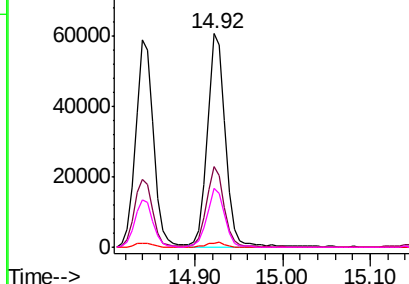
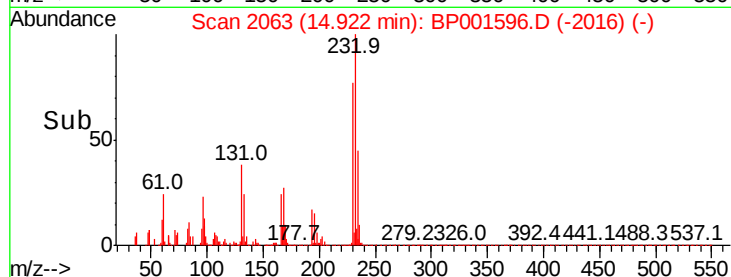
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.729 ng
 RT: 14.92 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:232 Resp: 87312
 Ion Ratio Lower Upper
 232 100
 131 36.7 31.3 46.9
 130 2.4 2.0 3.0
 166 26.6 22.6 33.8

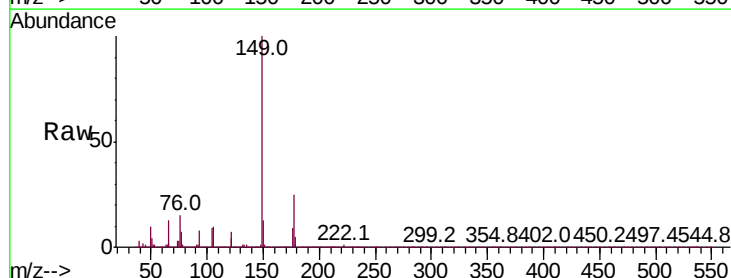


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

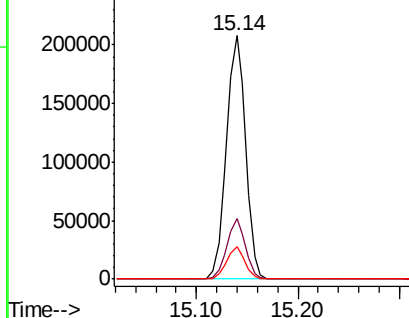
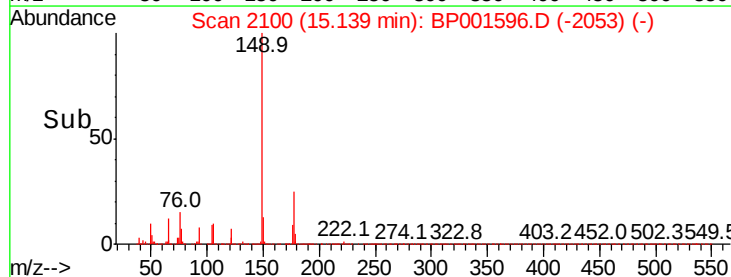


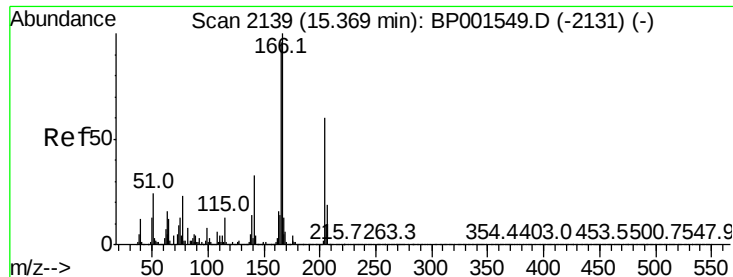
#60
 Diethylphthalate
 Concen: 43.573 ng
 RT: 15.14 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BP001596.D
 Acq: 14 Jan 2020 20:06

Tgt Ion:149 Resp: 272822
 Ion Ratio Lower Upper
 149 100
 177 24.7 18.4 27.6
 150 13.2 10.0 15.0



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

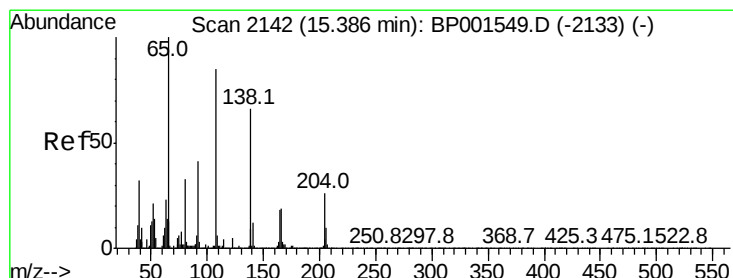
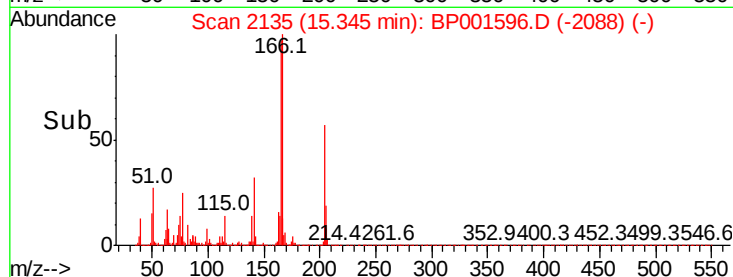
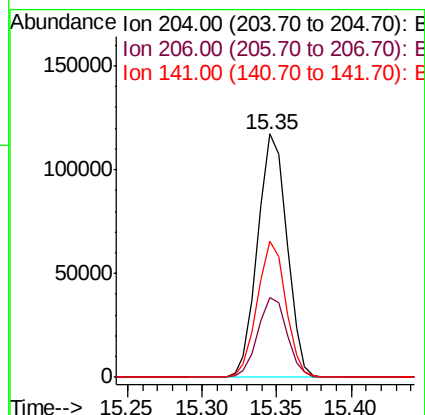
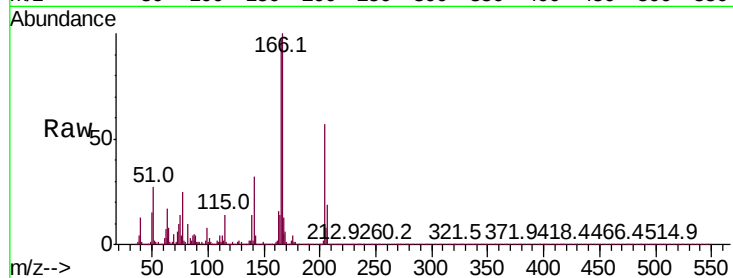




#61
4-Chlorophenyl-phenylether
Concen: 48.234 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

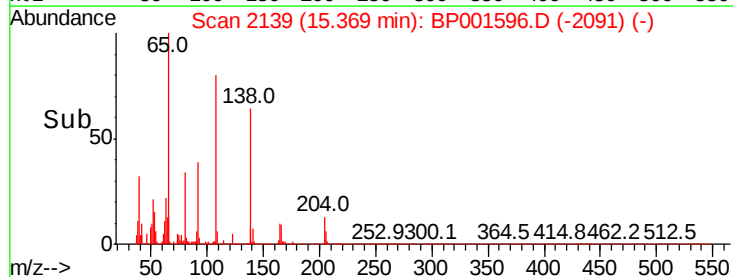
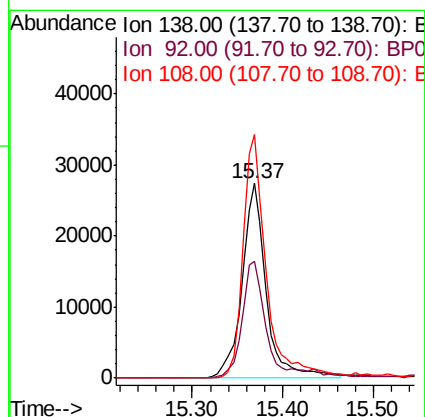
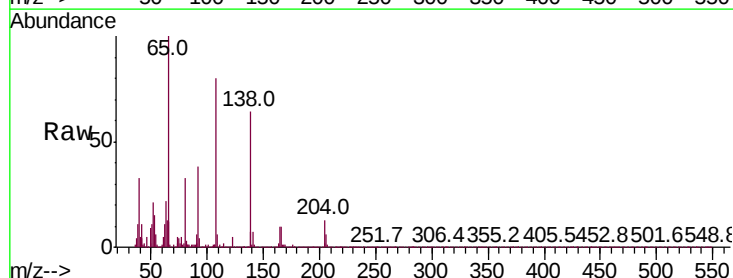
Instrument :
BNA_P
ClientSampleId :

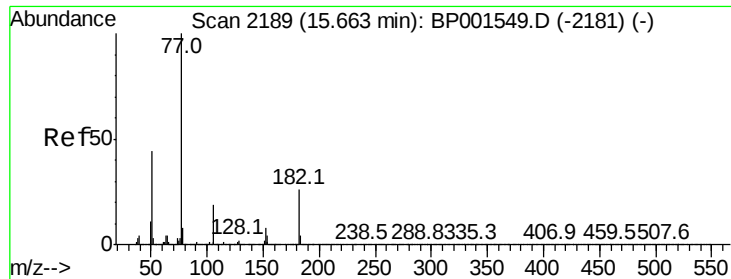
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	55.9	43.8	65.6



#62
4-Nitroaniline
Concen: 32.568 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.0	42.7	82.7
108	125.2	108.6	148.6





#63

Azobenzene

Concen: 49.649 ng

RT: 15.64 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 310615

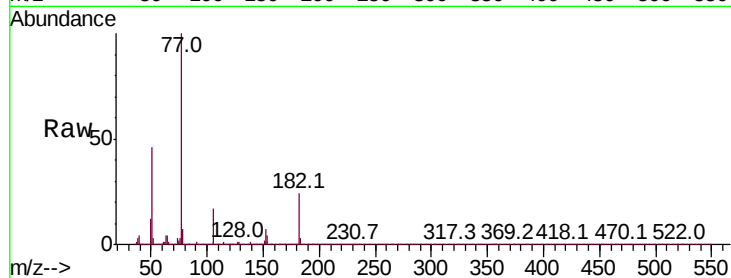
Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.8	45.8
105	17.0	0.0	39.3
51	46.2	23.6	63.6

77 100

182 24.1 5.8 45.8

105 17.0 0.0 39.3

51 46.2 23.6 63.6

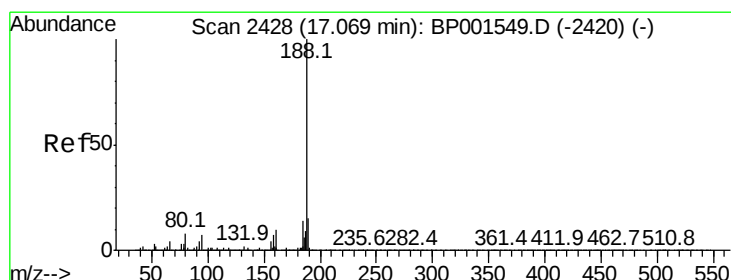
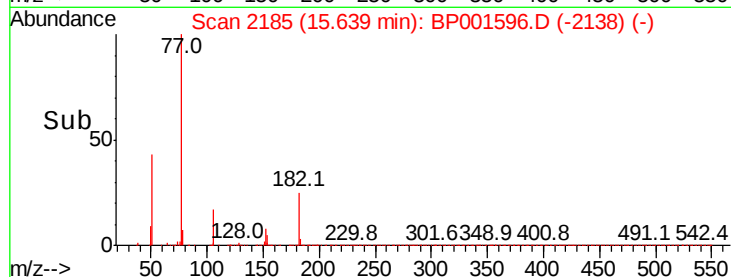
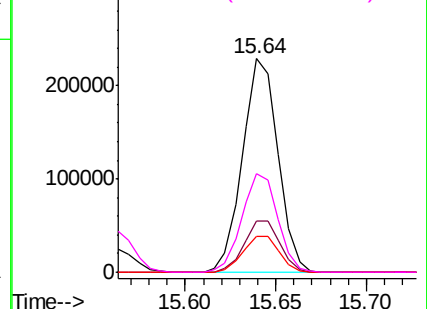


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

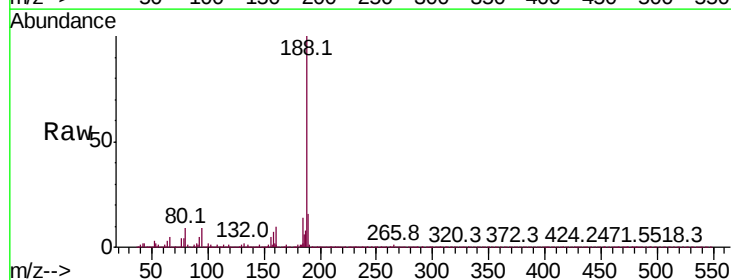
Tgt Ion: 188 Resp: 173184

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.9	8.9
80	9.0	6.8	10.2

188 100

94 8.6 5.9 8.9

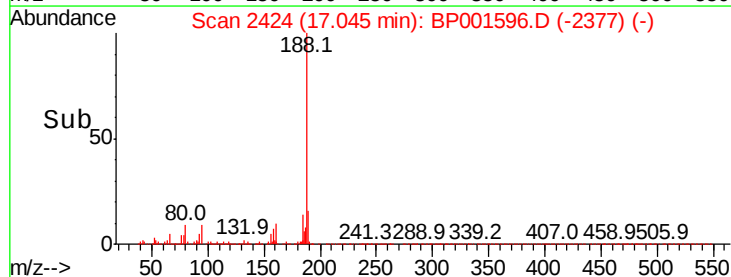
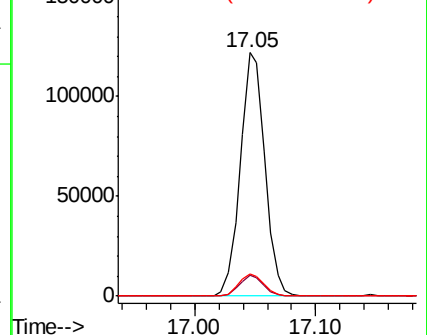
80 9.0 6.8 10.2

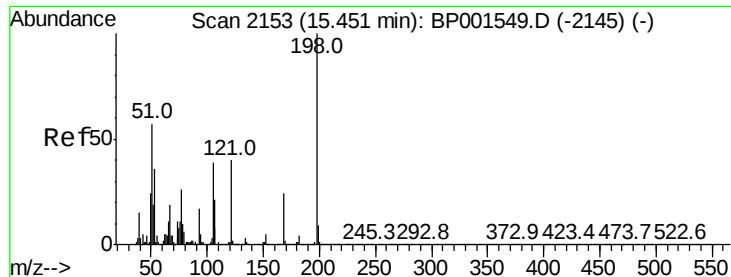


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 52.667 ng

RT: 15.43 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

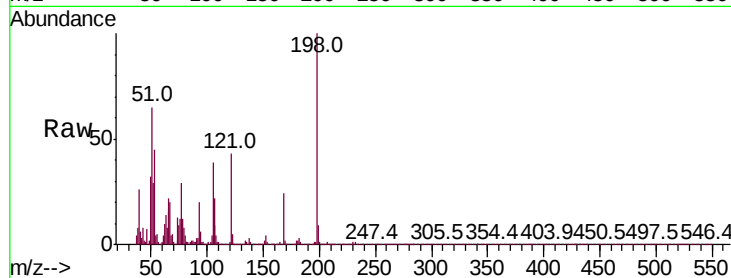
Tot Ion:198 Resp: 49313

Ion Ratio Lower Upper

198 100

51 65.2 39.4 79.4

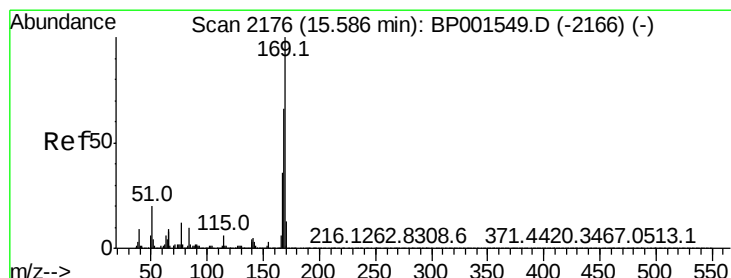
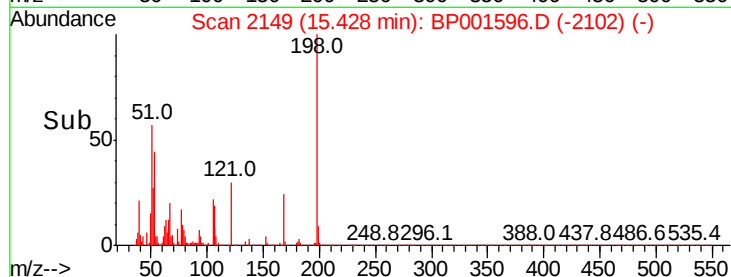
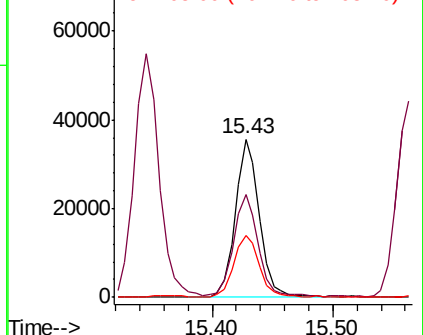
105 39.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.029 ng

RT: 15.56 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

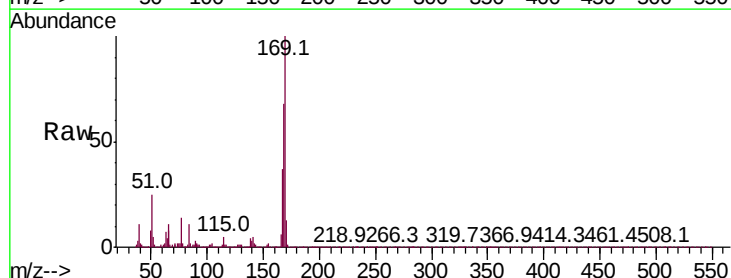
Tgt Ion:169 Resp: 238713

Ion Ratio Lower Upper

169 100

168 67.7 53.1 79.7

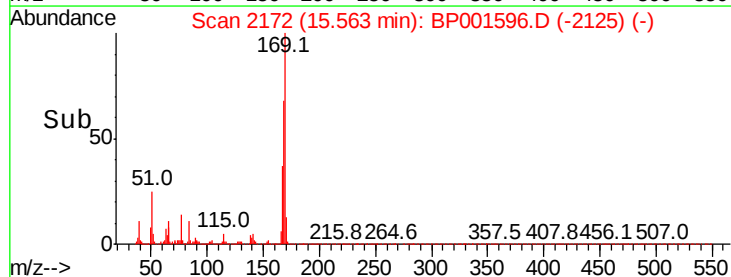
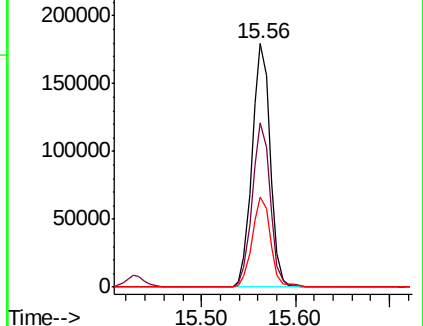
167 37.0 28.9 43.3

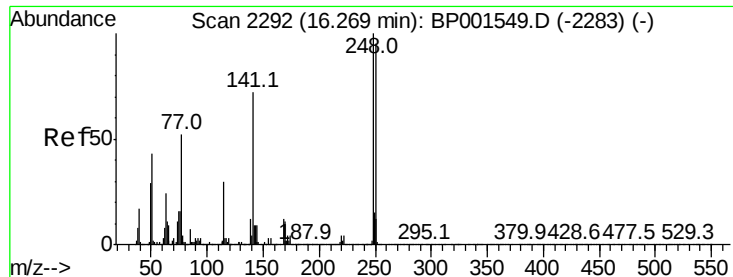


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

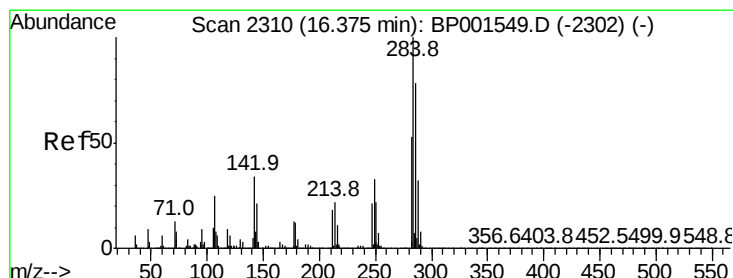
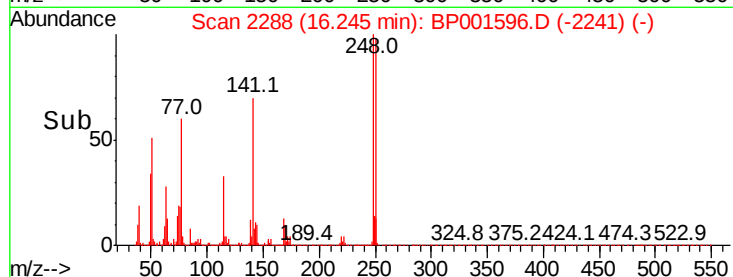
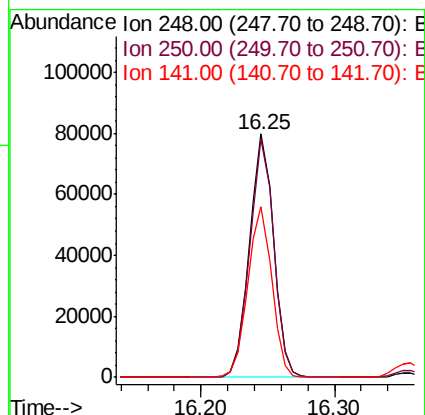
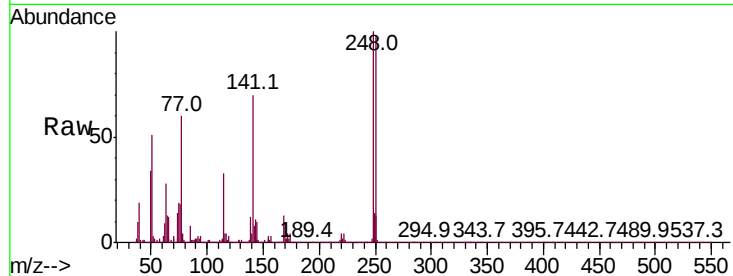




#67
4-Bromophenyl-phenylether
Concen: 50.720 ng
RT: 16.25 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

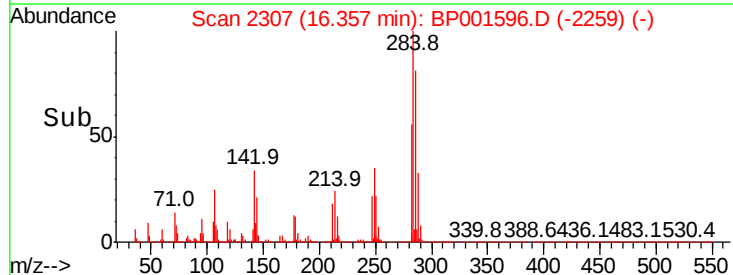
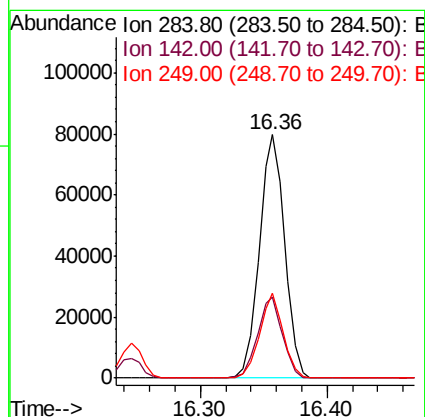
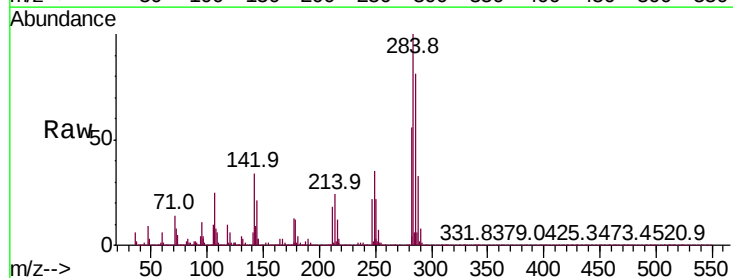
Instrument :
BNA_P
ClientSampled :

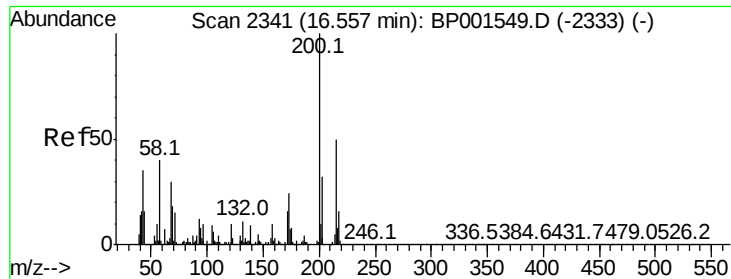
Tot Ion:248 Resp: 99093
Ion Ratio Lower Upper
248 100
250 97.9 76.0 114.0
141 69.9 57.8 86.8



#68
Hexachlorobenzene
Concen: 48.759 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:284 Resp: 110679
Ion Ratio Lower Upper
284 100
142 33.5 27.4 41.2
249 34.9 26.8 40.2





#69

Atrazine

Concen: 53.511 ng

RT: 16.53 min Scan# 2337

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampled :

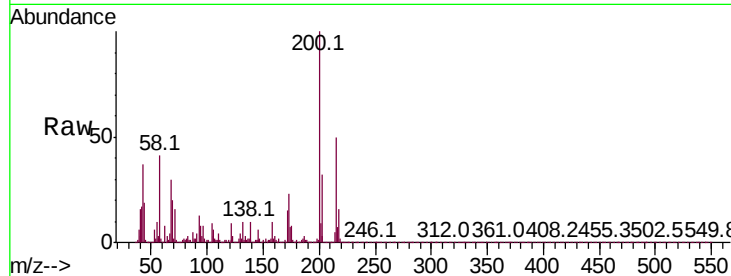
Tot Ion:200 Resp: 90168

Ion Ratio Lower Upper

200 100

173 22.7 3.5 43.5

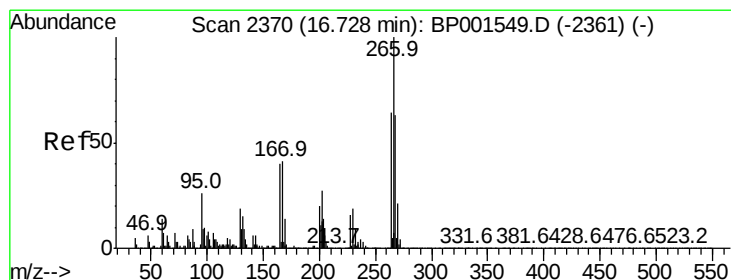
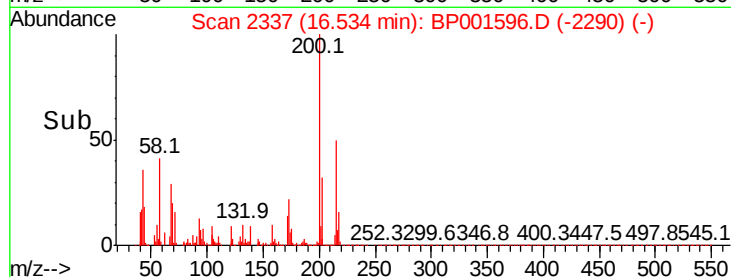
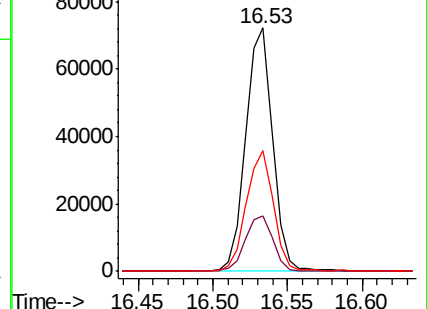
215 49.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.749 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

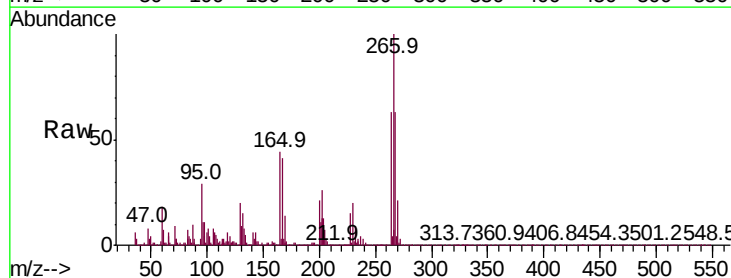
Tgt Ion:266 Resp: 130057

Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

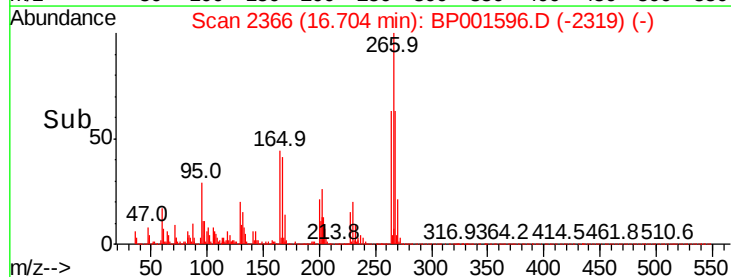
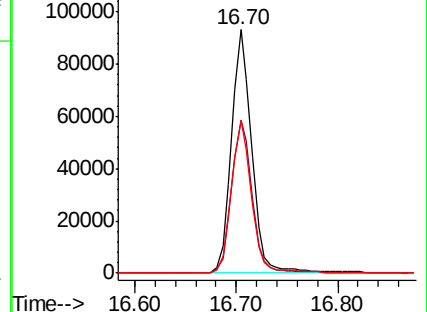
264 62.9 50.9 76.3

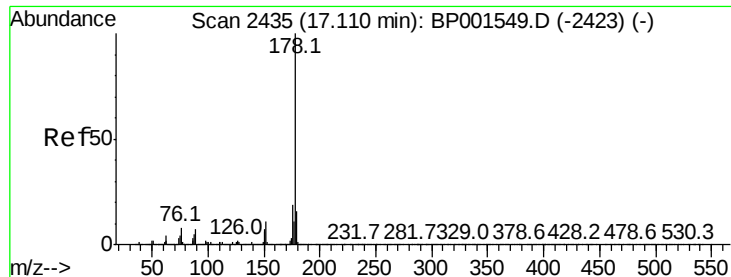


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.745 ng

RT: 17.09 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

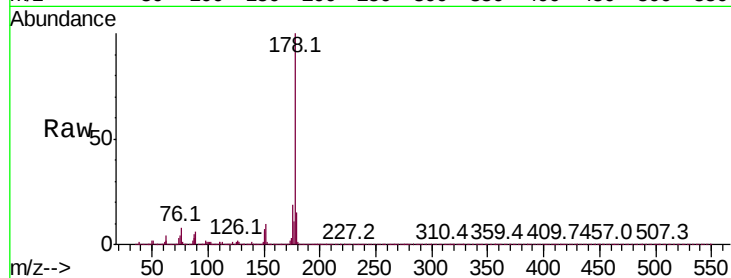
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 459089

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.5	18.7

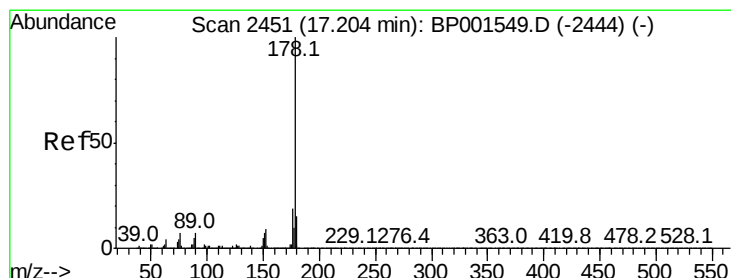
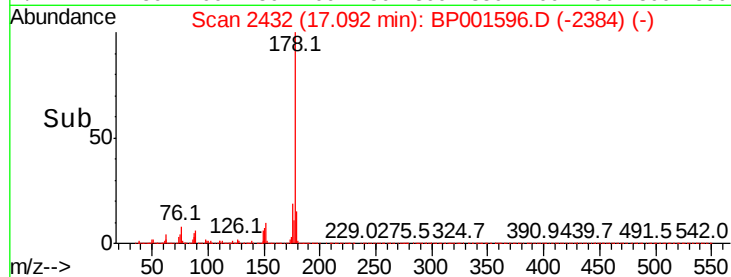
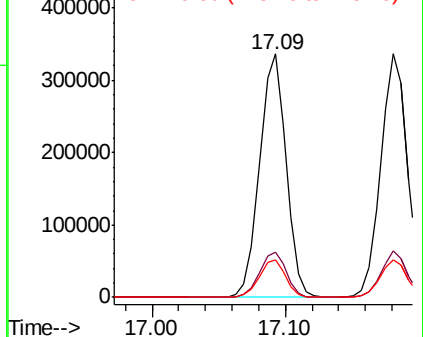


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.552 ng

RT: 17.18 min Scan# 2447

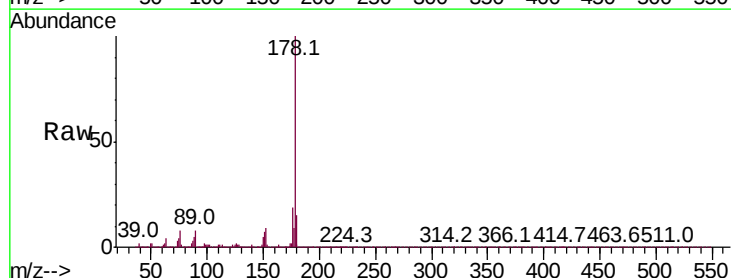
Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:178 Resp: 463498

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.4	11.8	17.8

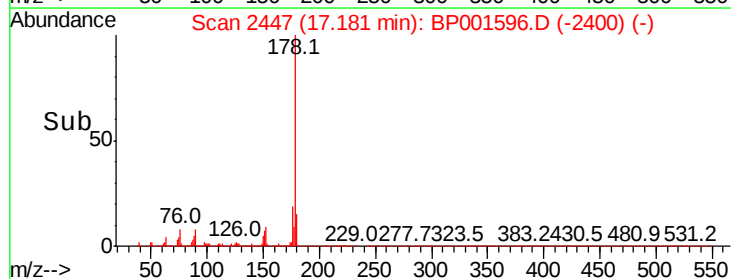
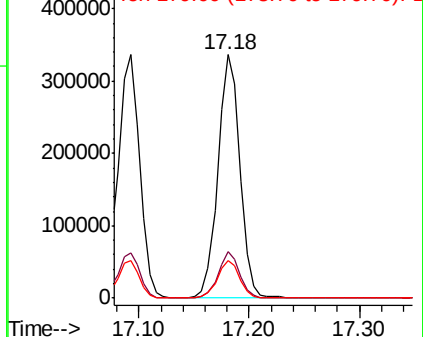


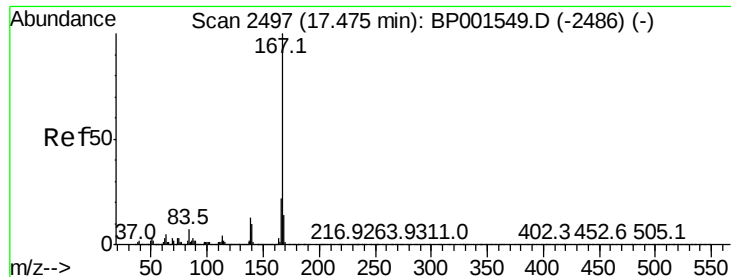
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.787 ng

RT: 17.46 min Scan# 2494

Delta R.T. -0.02 min

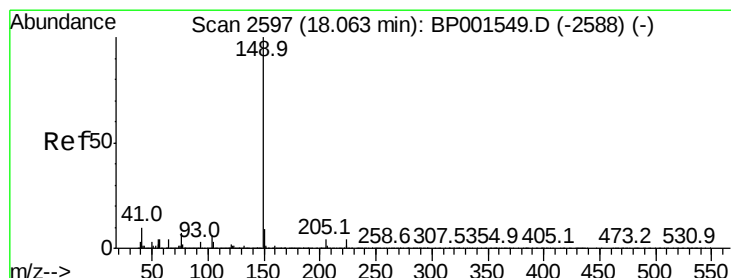
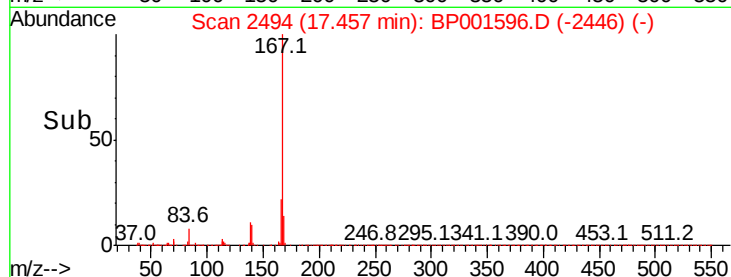
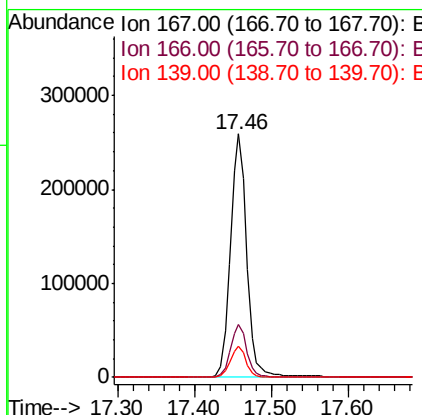
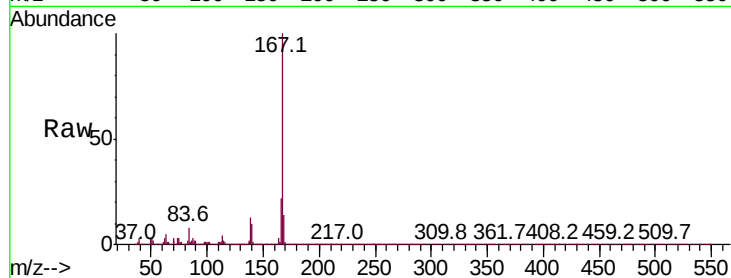
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 385528

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.7	10.0	15.0



#74

Di-n-butylphthalate

Concen: 45.890 ng

RT: 18.04 min Scan# 2593

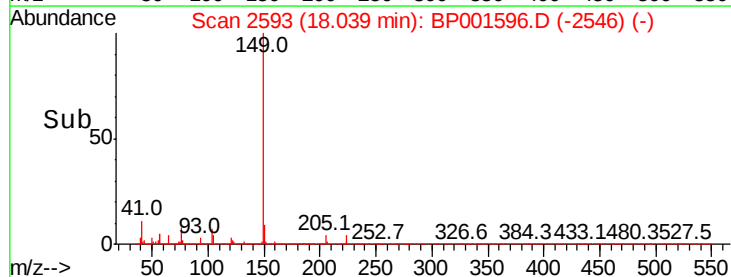
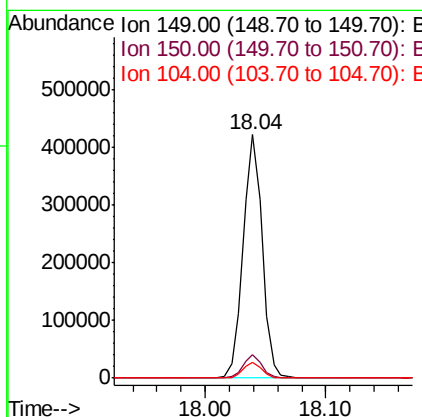
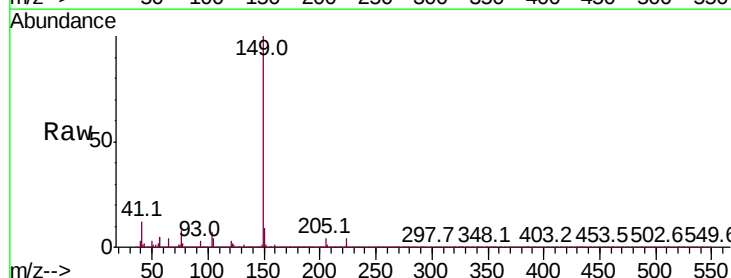
Delta R.T. -0.02 min

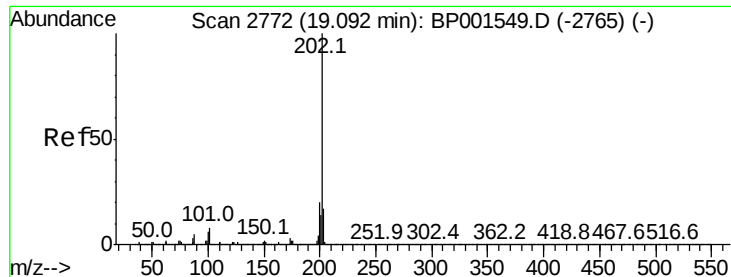
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:149 Resp: 467350

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	6.6	5.0	7.4

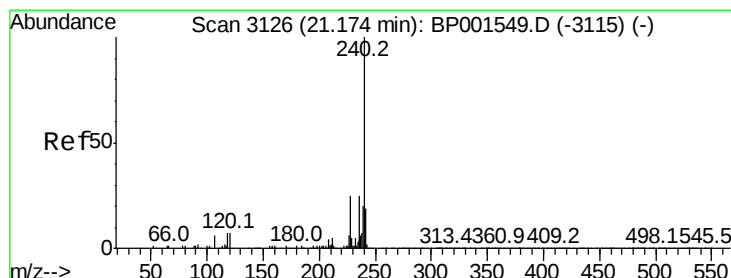
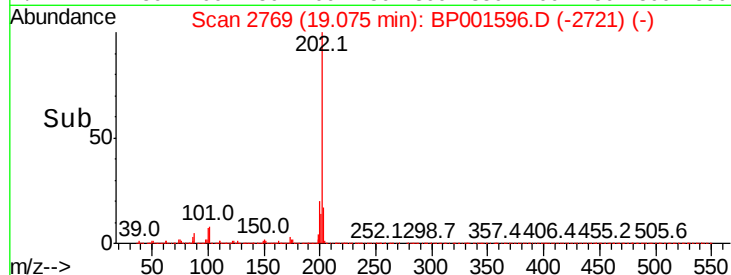
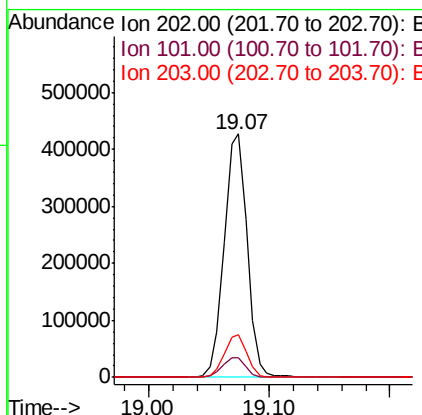
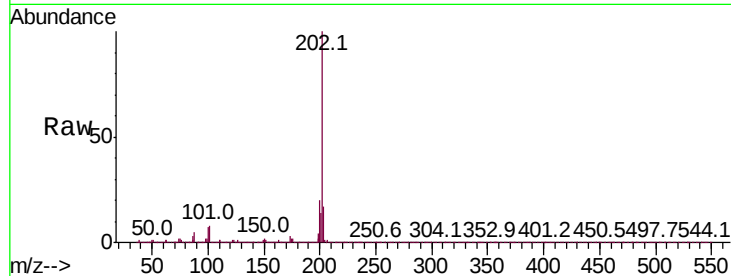




#75
Fluoranthene
Concen: 45.417 ng
RT: 19.07 min Scan# 2769
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

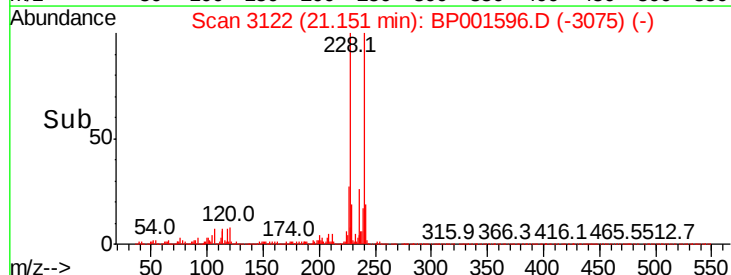
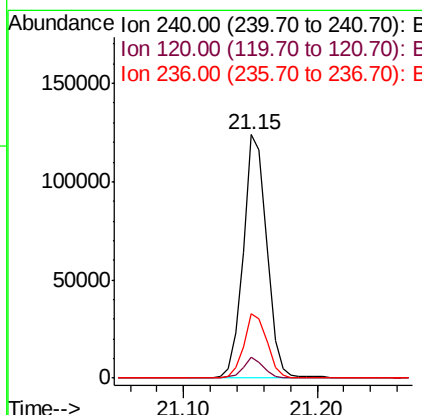
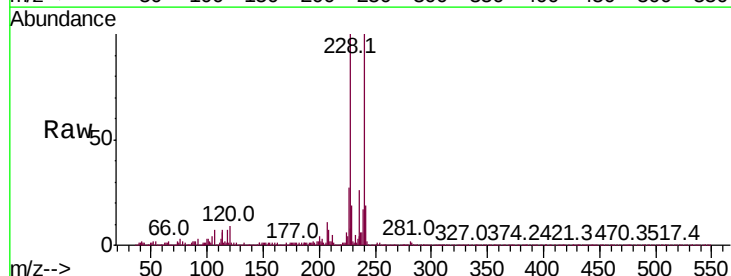
Instrument :
BNA_P
ClientSampled :

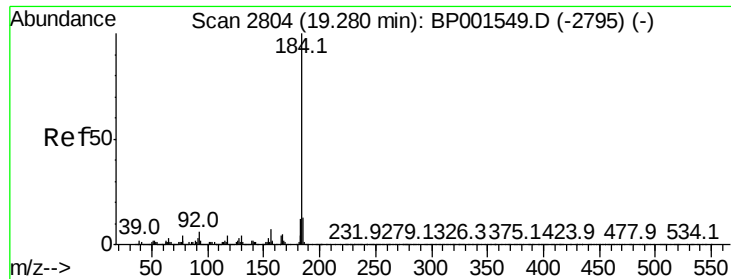
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.4
203	17.3	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.7	8.5
236	26.4	20.4	30.6





#77

Benzidine

Concen: 2.031 ng

RT: 19.26 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

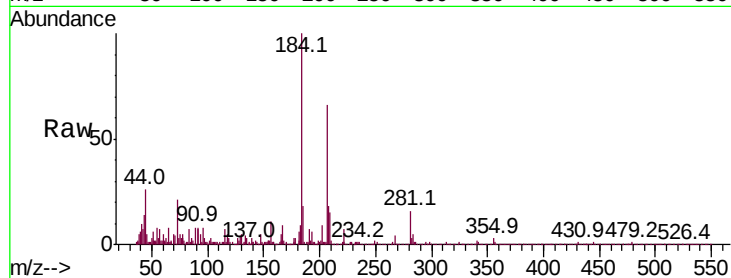
Tot Ion:184 Resp: 6960

Ion Ratio Lower Upper

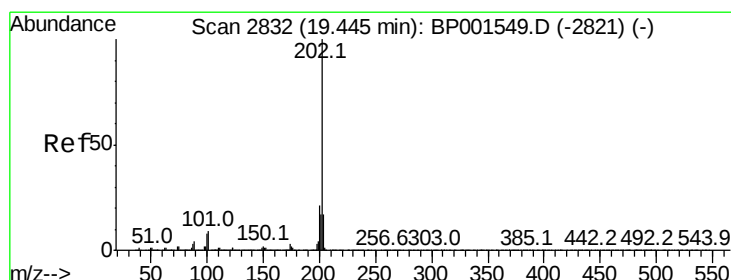
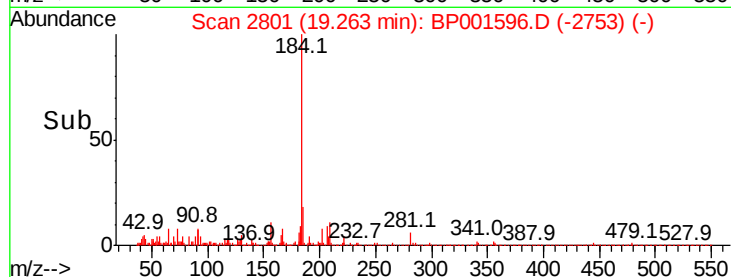
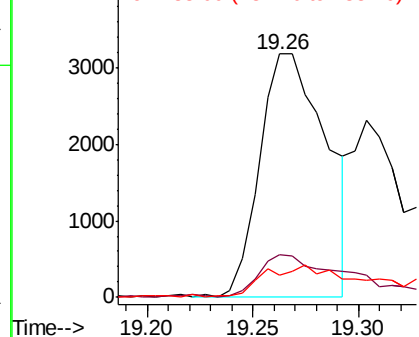
184 100

185 17.7 10.6 16.0#

183 9.1 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.115 ng

RT: 19.42 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

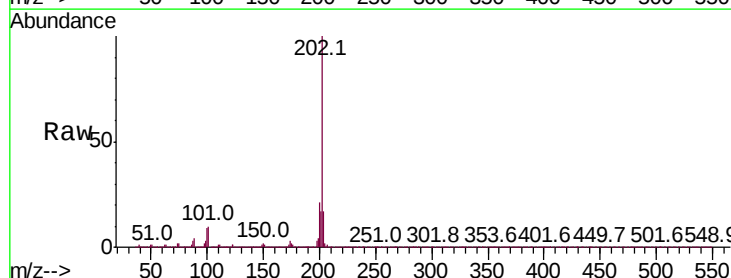
Tgt Ion:202 Resp: 574667

Ion Ratio Lower Upper

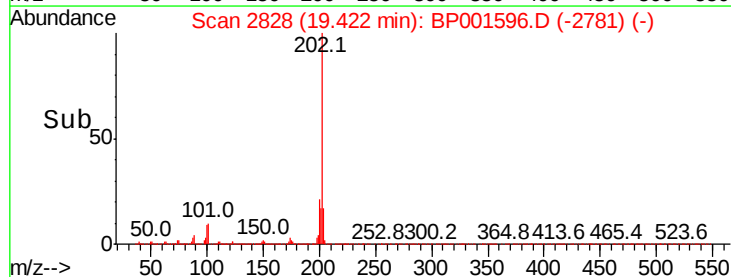
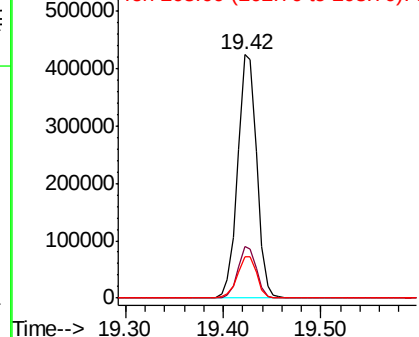
202 100

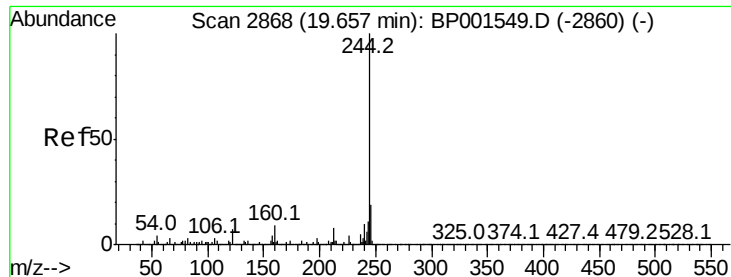
200 21.0 17.0 25.6

203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.860 ng

RT: 19.64 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampled :

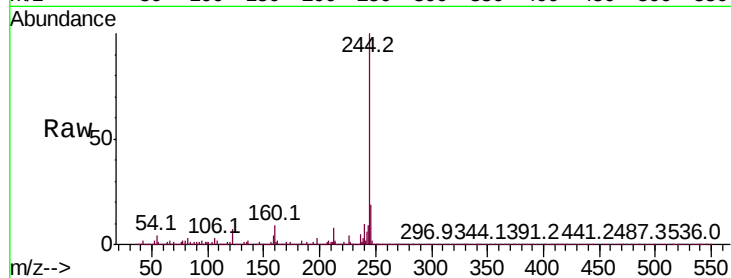
Tot Ion:244 Resp: 860604

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

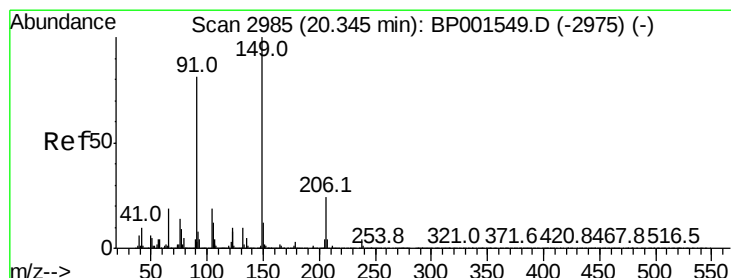
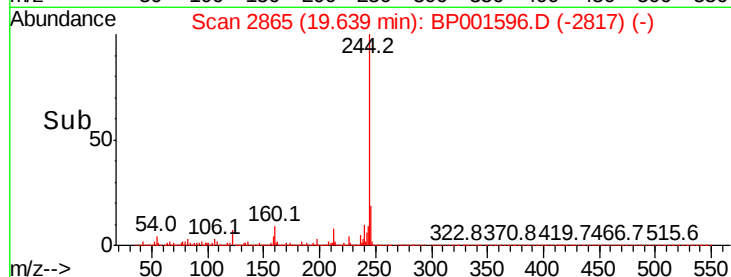
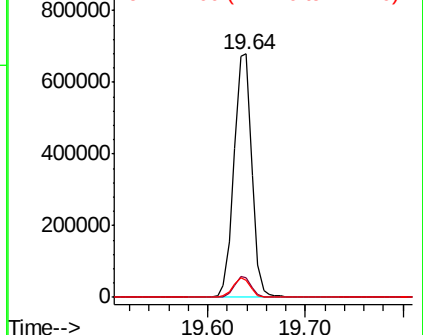
122 7.3 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.840 ng

RT: 20.32 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

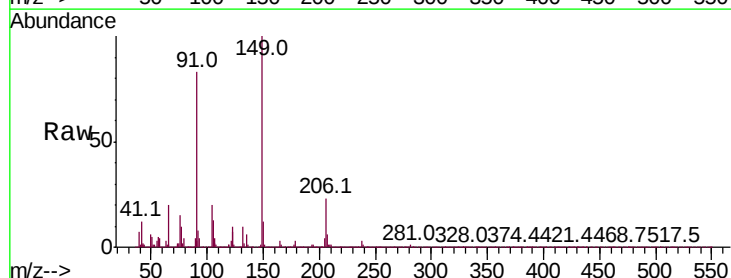
Tgt Ion:149 Resp: 200498

Ion Ratio Lower Upper

149 100

91 83.3 64.8 97.2

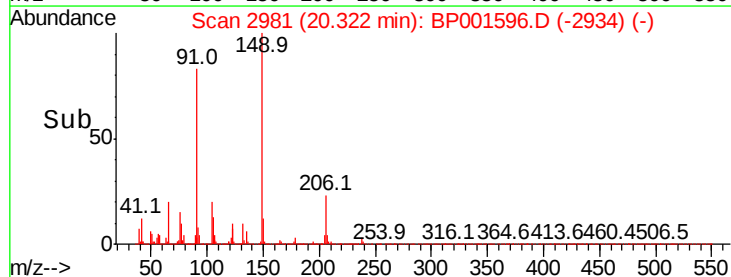
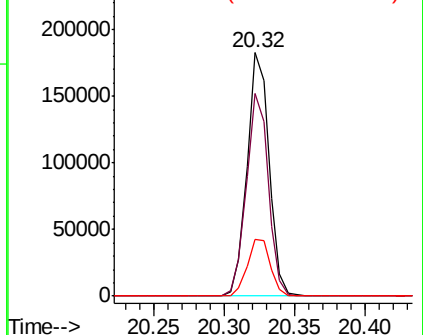
206 23.5 19.4 29.0

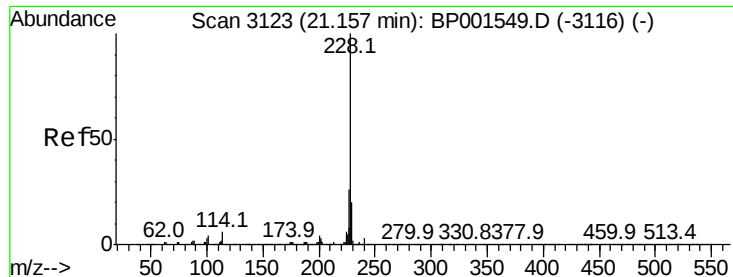


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.853 ng

RT: 21.14 min Scan# 3120

Delta R.T. -0.02 min

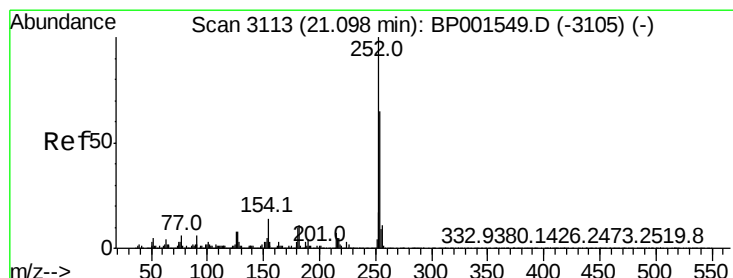
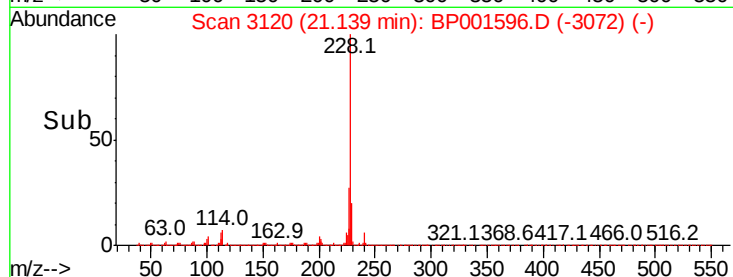
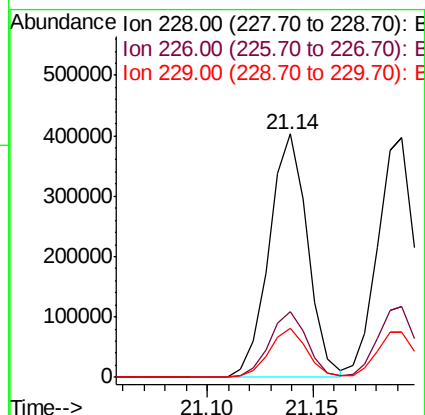
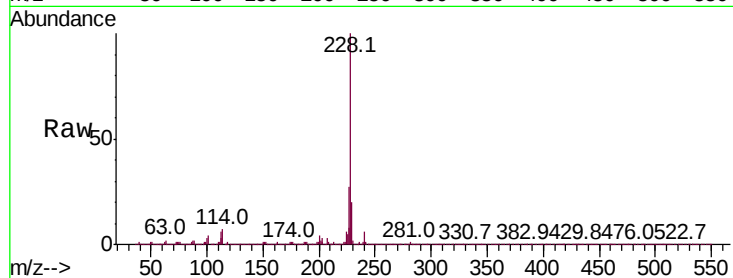
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :
BNA_P
ClientSampled :

Tot Ion:228 Resp: 510722

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	20.0	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 28.685 ng

RT: 21.08 min Scan# 3110

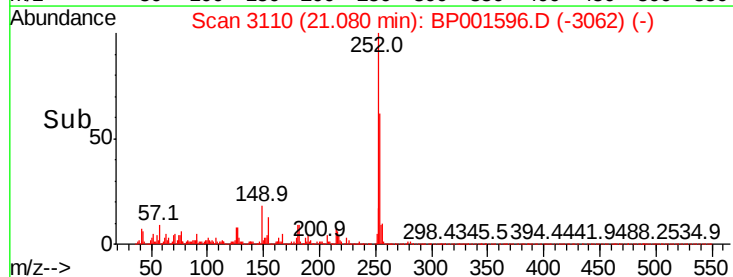
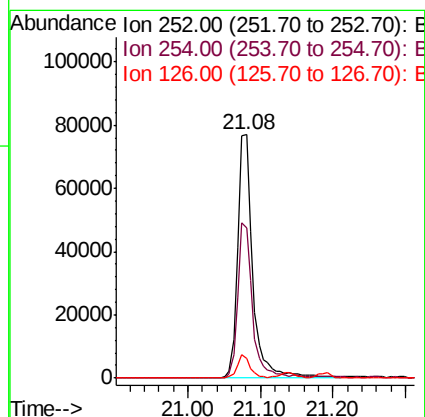
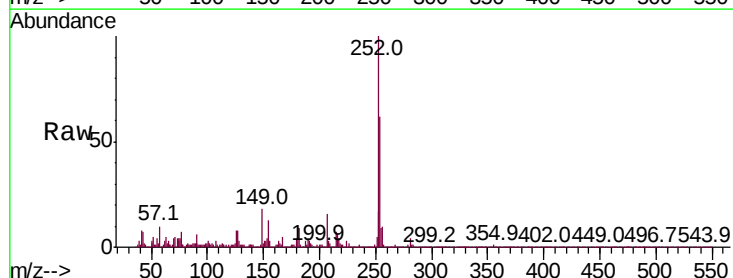
Delta R.T. -0.02 min

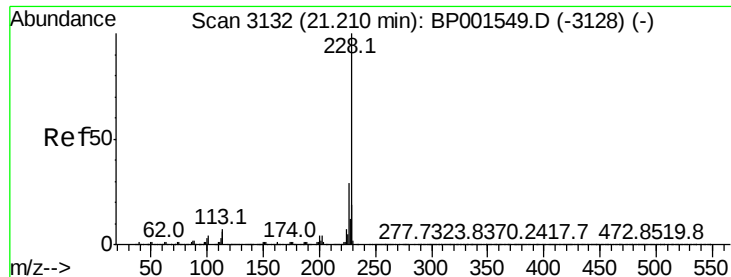
Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:252 Resp: 112451

Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.2	78.2
126	8.2	6.6	9.8





#83

Chrysene

Concen: 48.706 ng

RT: 21.19 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

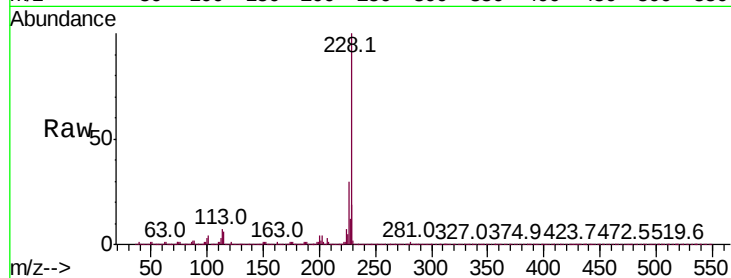
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 496228

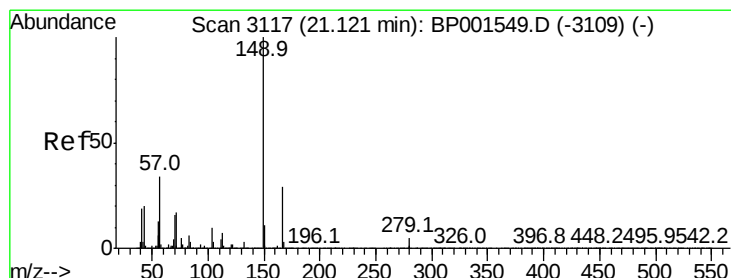
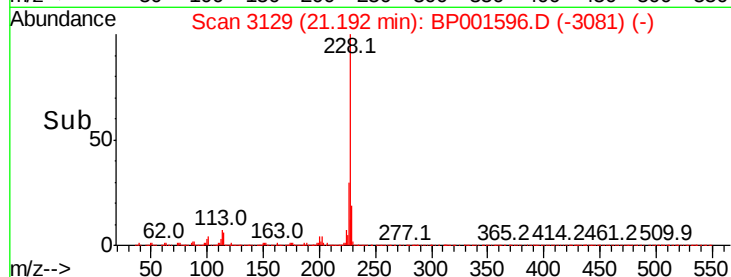
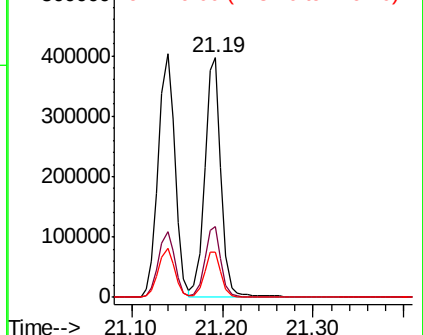
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.0	15.2	22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.954 ng

RT: 21.10 min Scan# 3113

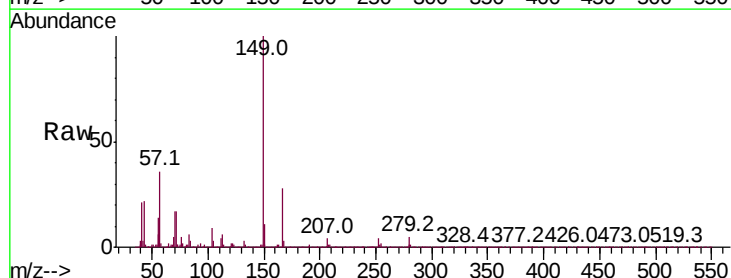
Delta R.T. -0.02 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Tgt Ion:149 Resp: 286999

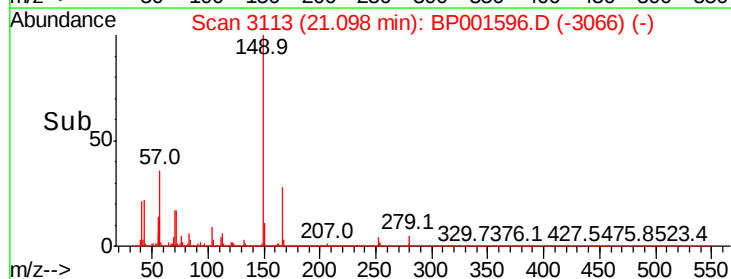
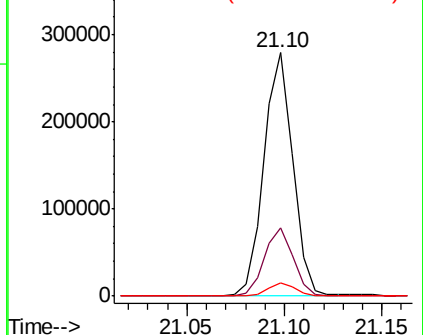
Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.5	35.3
279	5.2	4.0	6.0

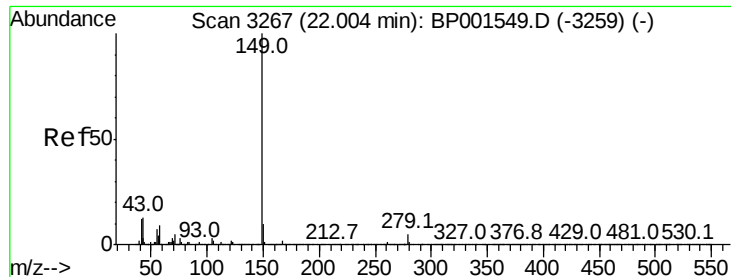


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.483 ng

RT: 21.97 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BP001596.D

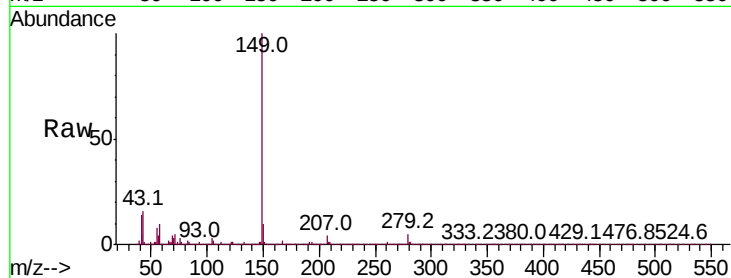
Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

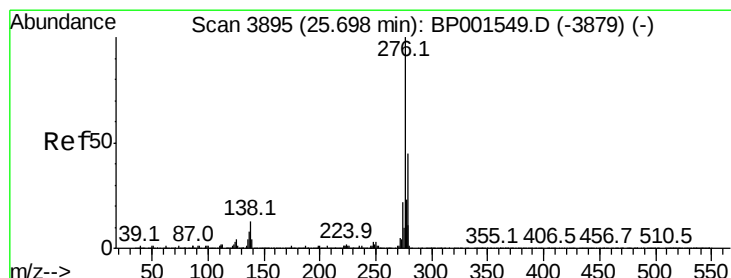
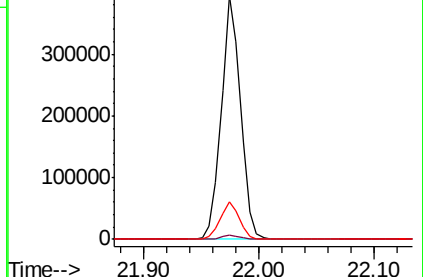
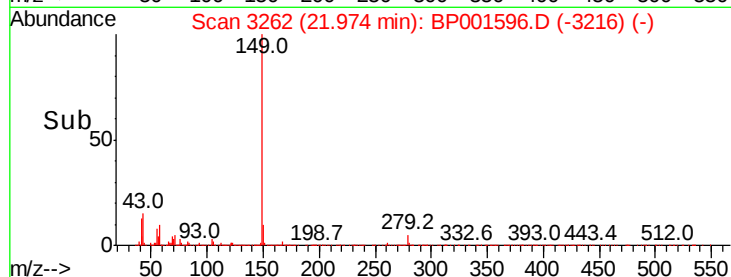
Tot Ion:149	Resp:	453305
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.4 2.0
43	15.0	10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.093 ng

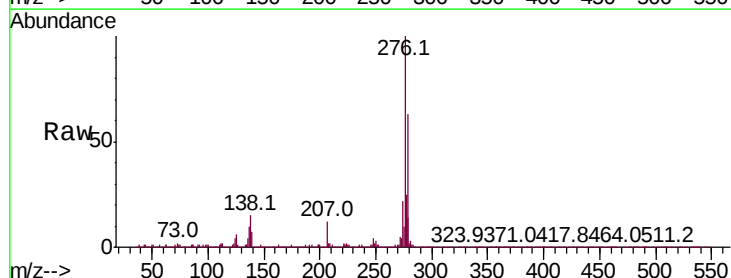
RT: 25.64 min Scan# 3886

Delta R.T. -0.05 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

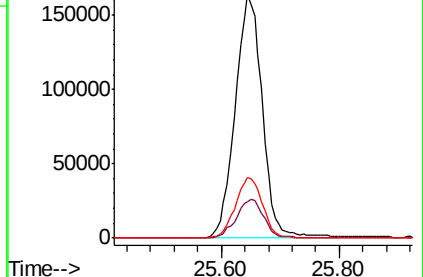
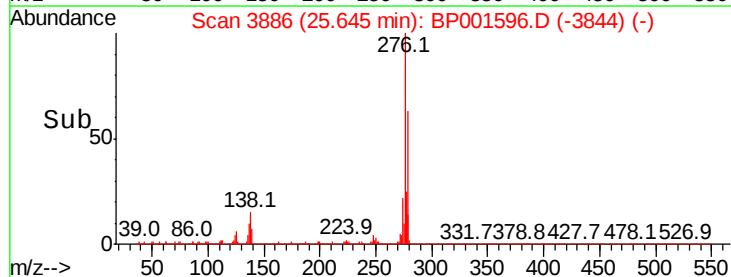
Tgt Ion:276	Resp:	525859
Ion Ratio	Lower	Upper
276	100	
138	16.4	11.1 16.7
277	24.8	20.4 30.6

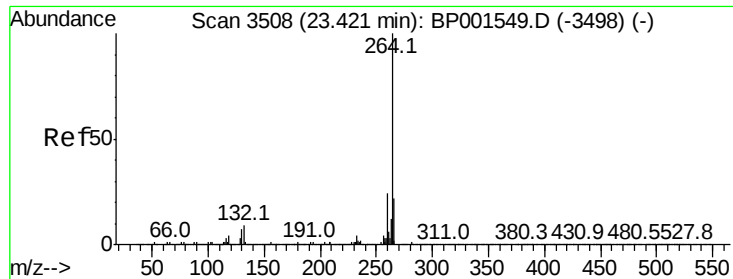


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

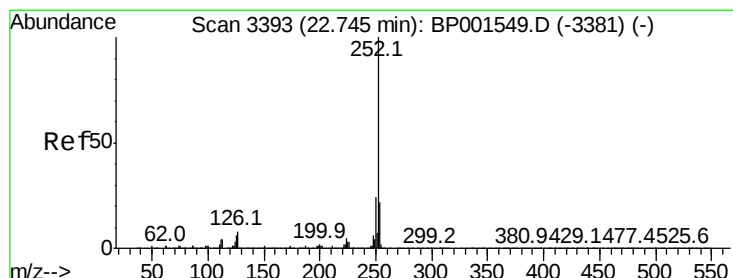
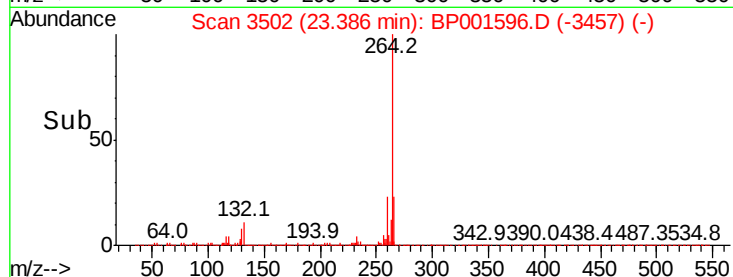
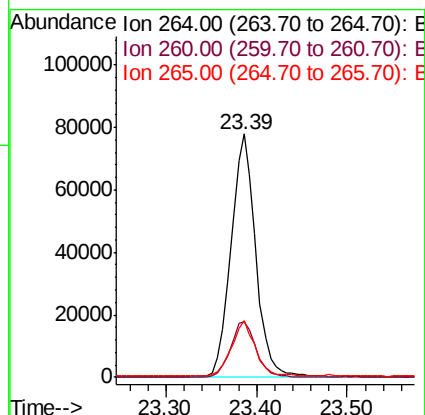
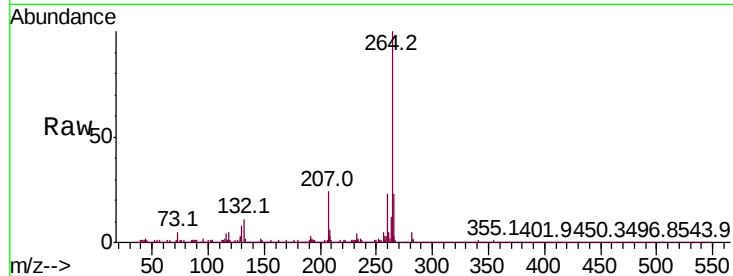




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3502
Delta R.T. -0.04 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

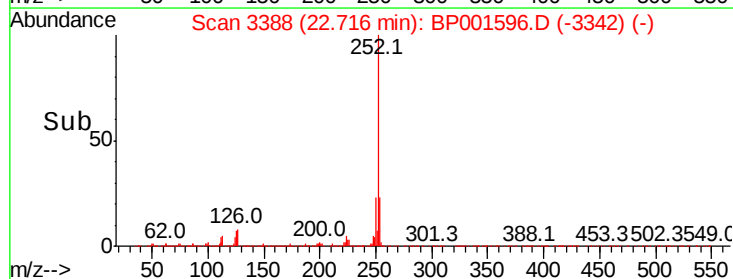
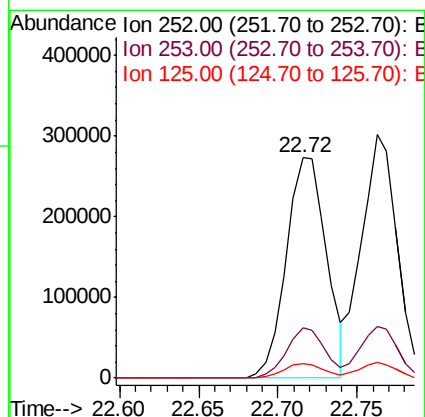
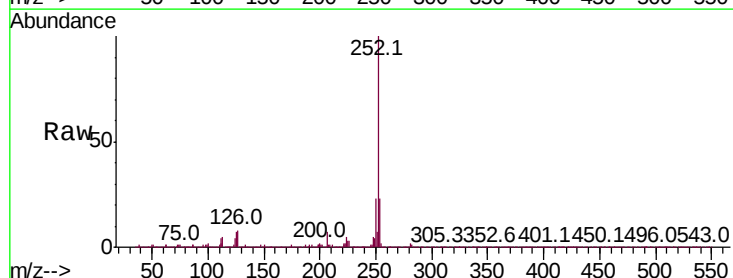
Instrument :
BNA_P
ClientSampleId :

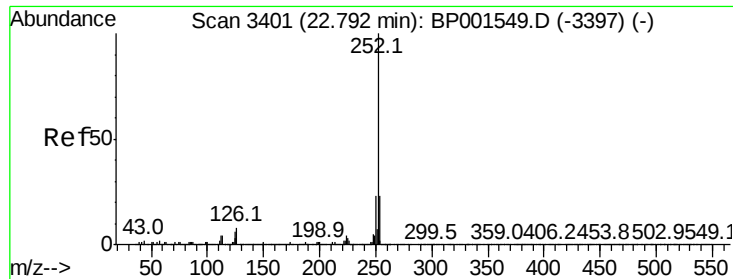
Tot Ion:	264	Resp:	148069
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	23.4	18.2	27.4



#88
Benzo(b)fluoranthene
Concen: 51.370 ng
RT: 22.72 min Scan# 3388
Delta R.T. -0.03 min
Lab File: BP001596.D
Acq: 14 Jan 2020 20:06

Tgt Ion:	252	Resp:	479307
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 52.769 ng

RT: 22.76 min Scan# 3396

Delta R.T. -0.03 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

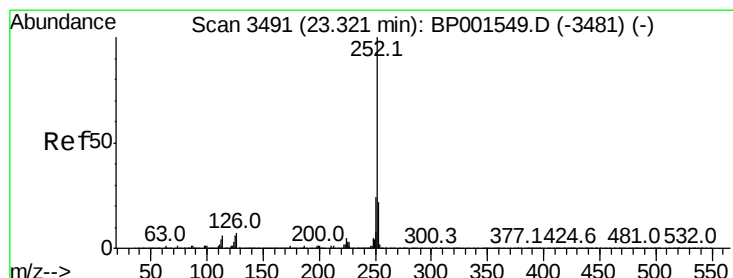
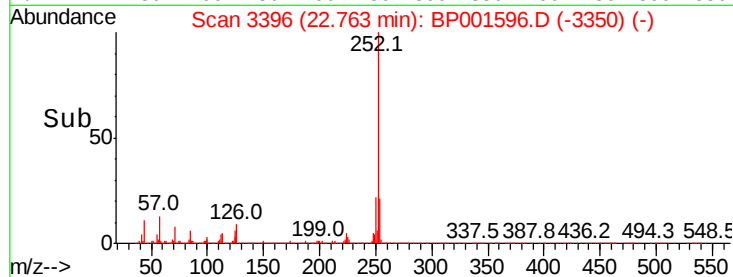
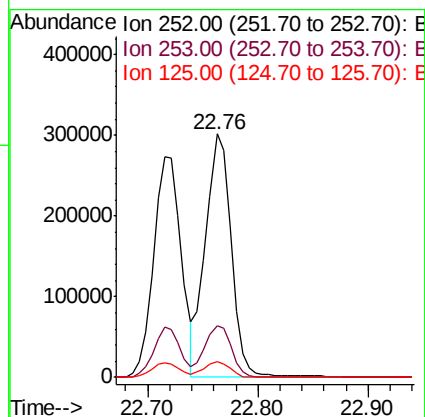
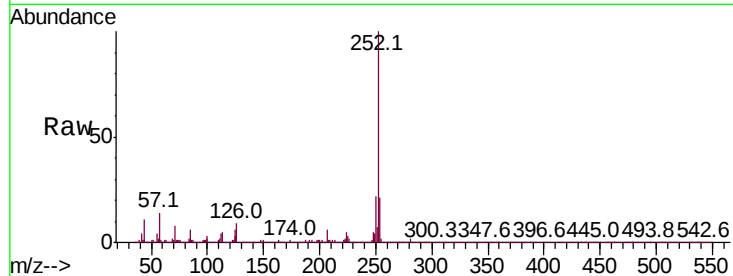
Tot Ion:252 Resp: 480058

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 6.4 4.6 6.8



#90

Benzo(a)pyrene

Concen: 49.277 ng

RT: 23.29 min Scan# 3486

Delta R.T. -0.03 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

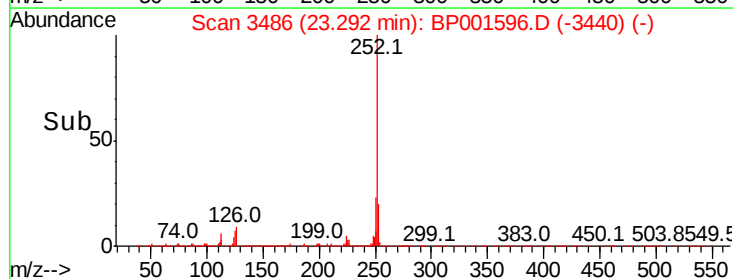
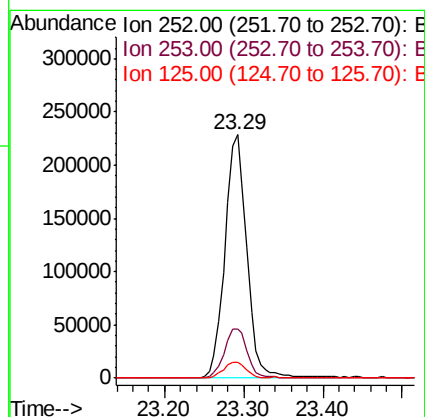
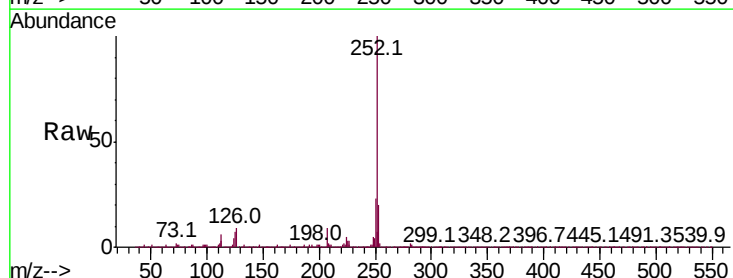
Tgt Ion:252 Resp: 436547

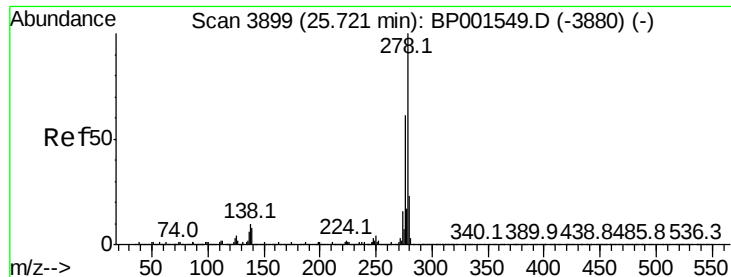
Ion Ratio Lower Upper

252 100

253 20.4 17.6 26.4

125 6.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 48.555 ng

RT: 25.66 min Scan# 3889

Delta R.T. -0.06 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

Instrument :

BNA_P

ClientSampleId :

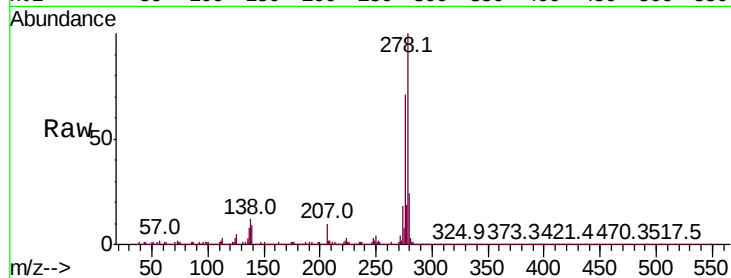
Tot Ion:278 Resp: 443815

Ion Ratio Lower Upper

278 100

139 9.3 6.7 10.1

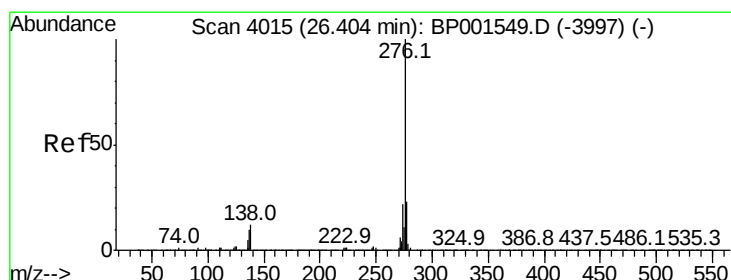
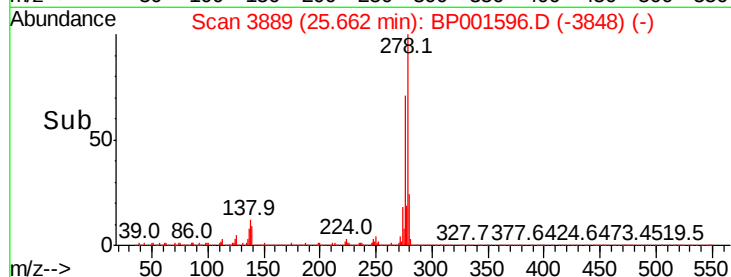
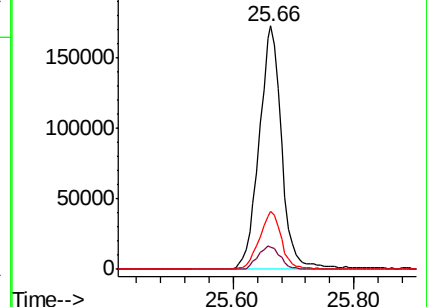
279 23.7 18.6 28.0



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: 49.582 ng

RT: 26.33 min Scan# 4003

Delta R.T. -0.07 min

Lab File: BP001596.D

Acq: 14 Jan 2020 20:06

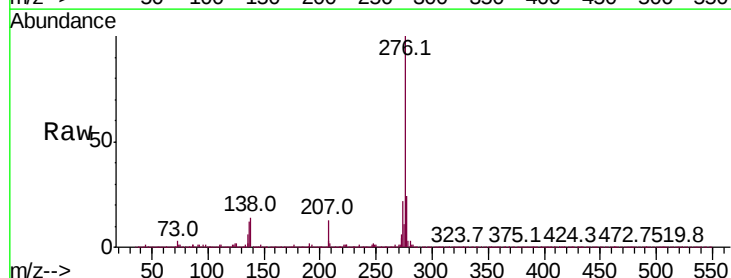
Tgt Ion:276 Resp: 450538

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 13.7 9.4 14.2



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

