

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001595.D
 Acq On : 14 Jan 2020 19:32
 Operator : JU
 Sample : L1014-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:49:34 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	27416	20.00	ng	-0.02
21) Naphthalene-d8	10.41	136	97785	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	68600	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	164541	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	147098	20.00	ng	-0.02
87) Perylene-d12	23.39	264	150542	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	197090	140.82	ng	-0.02
7) Phenol-d6	6.84	99	247454	110.63	ng	-0.02
23) Nitrobenzene-d5	8.79	82	213498	95.41	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	139372	133.47	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	489079	104.82	ng	-0.02
79) Terphenyl-d14	19.63	244	843785	104.92	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	23854	53.406	ng	# 2
3) Pyridine	3.63	79	53305	33.027	ng	93
4) n-Nitrosodimethylamine	3.53	42	63948	55.903	ng	96
6) Aniline	6.98	93	44801	16.019	ng	98
8) 2-Chlorophenol	7.22	128	74992	45.896	ng	99
9) Benzaldehyde	6.79	77	45773	34.260	ng	97
10) Phenol	6.86	94	84864	36.677	ng	96
11) bis(2-Chloroethyl)ether	7.08	93	81573	44.951	ng	98
12) 1,3-Dichlorobenzene	7.53	146	92403	44.990	ng	96
13) 1,4-Dichlorobenzene	7.68	146	94895	44.682	ng	97
14) 1,2-Dichlorobenzene	7.99	146	88157	42.953	ng	94
15) Benzyl Alcohol	7.88	79	81397	38.642	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	147590	43.779	ng	100
17) 2-Methylphenol	8.09	107	64880	40.386	ng	99
18) Hexachloroethane	8.71	117	38861	46.872	ng	97
19) n-Nitroso-di-n-propylamine	8.45	70	70009	41.054	ng	93
20) 3+4-Methylphenols	8.42	107	86515	38.500	ng	96
22) Acetophenone	8.46	105	127620	46.557	ng	# 96
24) Nitrobenzene	8.83	77	109200	48.236	ng	96
25) Isophorone	9.36	82	185171	46.144	ng	99
26) 2-Nitrophenol	9.53	139	41413	48.405	ng	99
27) 2,4-Dimethylphenol	9.62	122	69907	54.693	ng	94
28) bis(2-Chloroethoxy)methane	9.84	93	106619	45.354	ng	97
29) 2,4-Dichlorophenol	10.08	162	79803	45.613	ng	95
30) 1,2,4-Trichlorobenzene	10.28	180	100092	47.391	ng	99
31) Naphthalene	10.46	128	255434	49.495	ng	98
32) Benzoic acid	9.76	122	22264	22.162	ng	93
33) 4-Chloroaniline	10.59	127	9532	4.011	ng	97
34) Hexachlorobutadiene	10.76	225	73378	49.079	ng	97
35) Caprolactam	11.35	113	8570	13.489	ng	# 84
36) 4-Chloro-3-methylphenol	11.73	107	85241	40.597	ng	98
37) 2-Methylnaphthalene	12.09	142	186720	45.398	ng	97
38) 1-Methylnaphthalene	12.30	142	176424	44.575	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	123725	52.650	ng	# 98

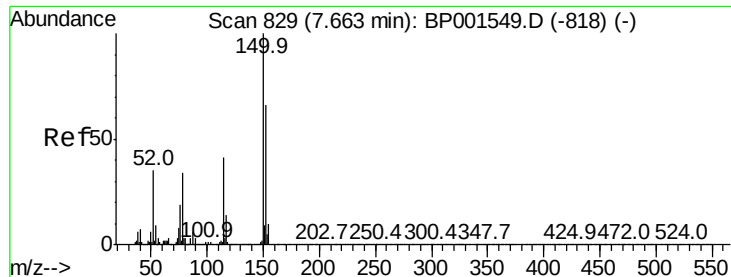
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001595.D
 Acq On : 14 Jan 2020 19:32
 Operator : JU
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Quant Time: Jan 14 21:49:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	171480	143.858	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	75883	50.069	ng	96
44) 2,4,5-Trichlorophenol	12.78	196	81091	50.351	ng	95
46) 1,1'-Biphenyl	13.12	154	250893	51.039	ng	100
47) 2-Chloronaphthalene	13.15	162	204009	49.934	ng	99
48) 2-Nitroaniline	13.36	65	71744	44.696	ng	96
49) Acenaphthylene	14.00	152	319559	50.716	ng	100
50) Dimethylphthalate	13.76	163	254301	45.007	ng	98
51) 2,6-Dinitrotoluene	13.86	165	56881	47.473	ng	94
52) Acenaphthene	14.35	154	187525	48.054	ng	99
53) 3-Nitroaniline	14.19	138	20775	16.422	ng	92
54) 2,4-Dinitrophenol	14.40	184	55379	82.201	ng	92
55) Dibenzofuran	14.69	168	320869	48.624	ng	98
56) 4-Nitrophenol	14.53	139	72938	72.201	ng	93
57) 2,4-Dinitrotoluene	14.66	165	78581	44.822	ng	98
58) Fluorene	15.35	166	259265	48.553	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	77671	46.705	ng	99
60) Diethylphthalate	15.14	149	255069	43.891	ng	98
61) 4-Chlorophenyl-phenylether	15.35	204	148377	48.551	ng	98
62) 4-Nitroaniline	15.37	138	46383	32.158	ng	97
63) Azobenzene	15.64	77	291918	50.273	ng	95
65) 4,6-Dinitro-2-methylphenol	15.43	198	42344	47.599	ng	91
66) n-Nitrosodiphenylamine	15.56	169	223142	51.190	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	93870	50.570	ng	97
68) Hexachlorobenzene	16.36	284	102274	47.423	ng	98
69) Atrazine	16.53	200	92343	57.681	ng	99
70) Pentachlorophenol	16.70	266	117948	99.031	ng	96
71) Phenanthrene	17.09	178	434949	48.607	ng	100
72) Anthracene	17.18	178	440858	50.609	ng	99
73) Carbazole	17.46	167	367044	44.880	ng	99
74) Di-n-butylphthalate	18.04	149	447245	46.223	ng	99
75) Fluoranthene	19.07	202	540407	45.897	ng	100
77) Benzidine	19.26	184	117781	35.067	ng	99
78) Pyrene	19.42	202	544320	50.374	ng	99
80) Butylbenzylphthalate	20.33	149	194123	47.268	ng	98
81) Benzo(a)anthracene	21.14	228	495058	48.324	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	85719	22.314	ng	98
83) Chrysene	21.19	228	486141	48.694	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	280097	49.751	ng	99
85) Di-n-octyl phthalate	21.97	149	452499	50.407	ng	97
86) Indeno(1,2,3-cd)pyrene	25.65	276	518231	44.344	ng	97
88) Benzo(b)fluoranthene	22.72	252	475785	50.154	ng	99
89) Benzo(k)fluoranthene	22.76	252	475703	51.431	ng	98
90) Benzo(a)pyrene	23.29	252	429670	47.704	ng	99
91) Dibenzo(a,h)anthracene	25.66	278	436659	46.987	ng	# 97
92) Benzo(g,h,i)perylene	26.33	276	446662	48.348	ng	98

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

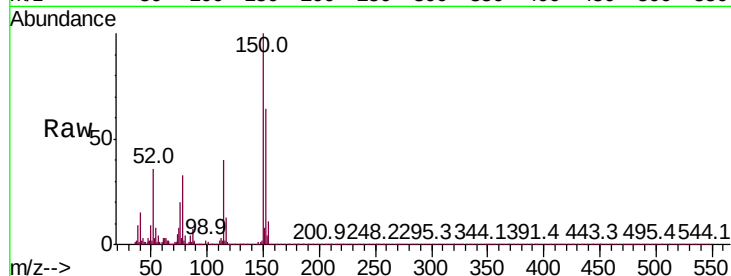


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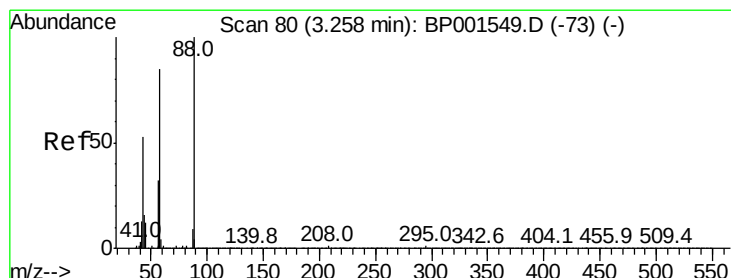
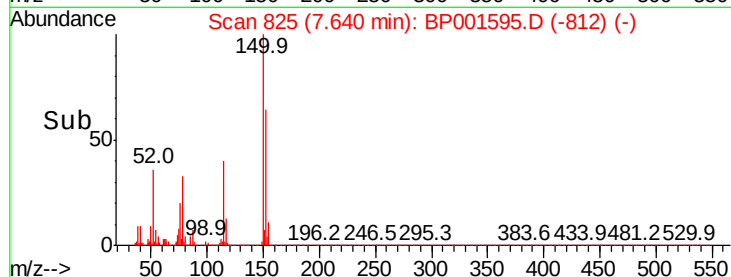
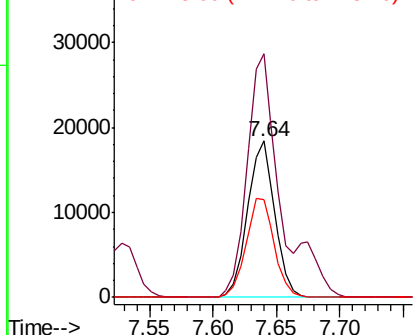
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 27416
Ion Ratio Lower Upper
152 100
150 156.1 122.0 183.0
115 62.6 50.7 76.1



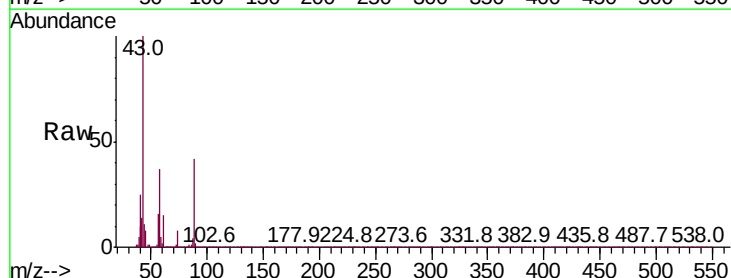
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



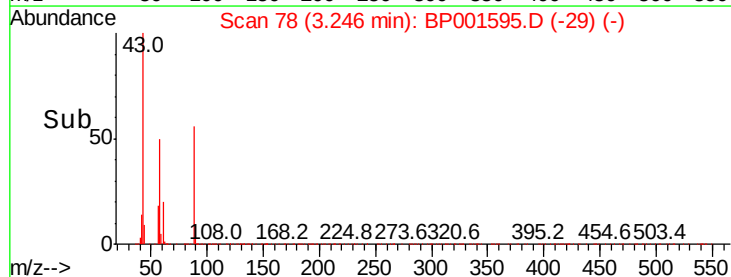
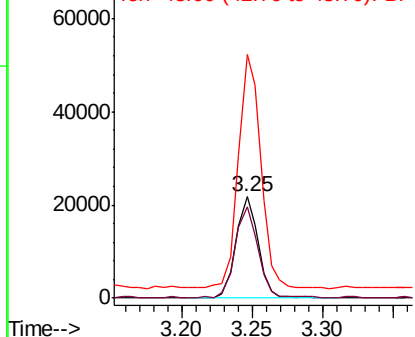
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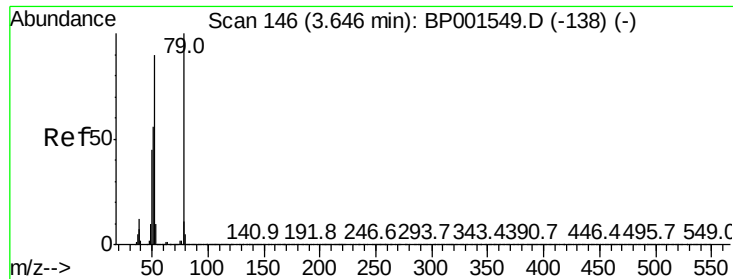
1,4-Dioxane
Concen: 53.406 ng
RT: 3.25 min Scan# 78
Delta R.T. -0.01 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion: 88 Resp: 23854
Ion Ratio Lower Upper
88 100
58 91.5 69.5 104.3
43 229.5 40.3 60.5#



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.027 ng

RT: 3.63 min Scan# 143

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

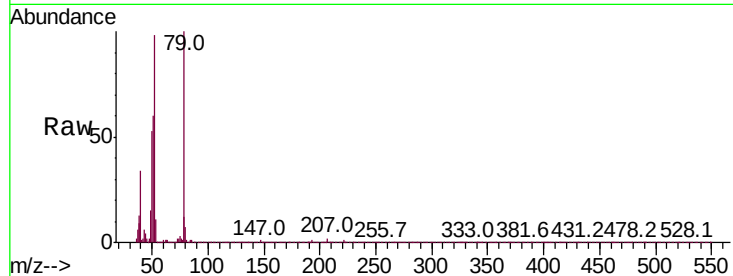
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 53305

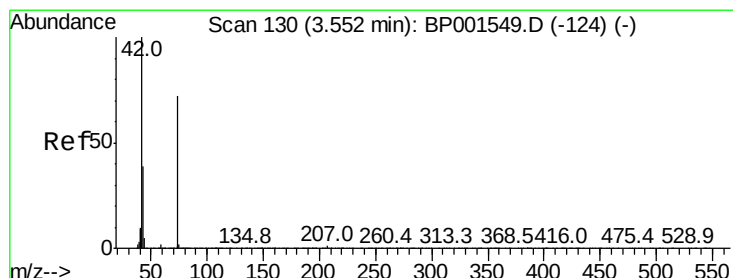
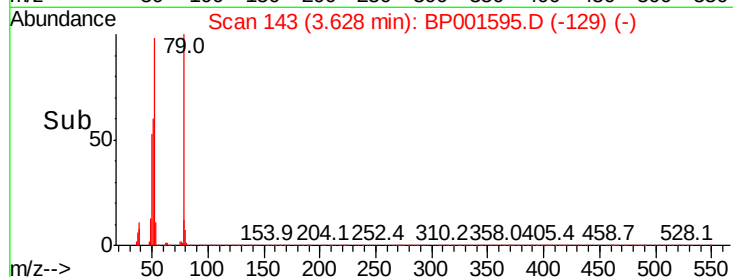
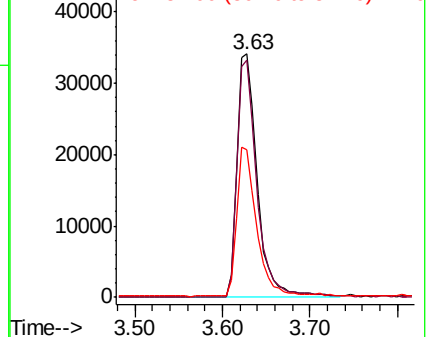
Ion	Ratio	Lower	Upper
79	100		
52	97.5	72.1	108.1
51	60.4	44.8	67.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 55.903 ng

RT: 3.53 min Scan# 127

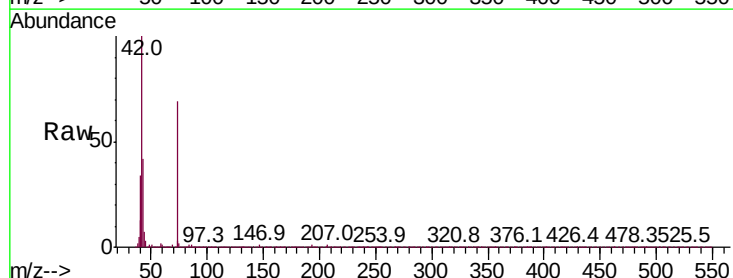
Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion: 42 Resp: 63948

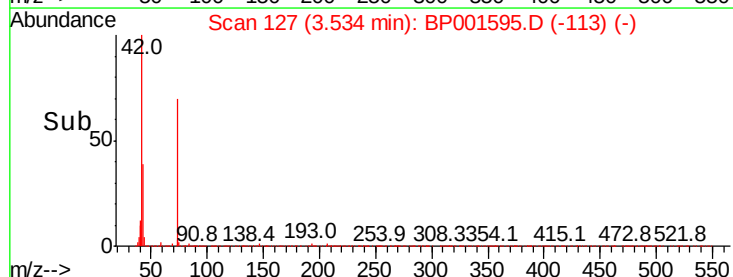
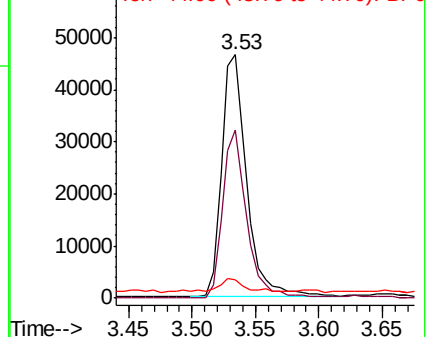
Ion	Ratio	Lower	Upper
42	100		
74	69.2	58.0	87.0
44	7.3	6.7	10.1

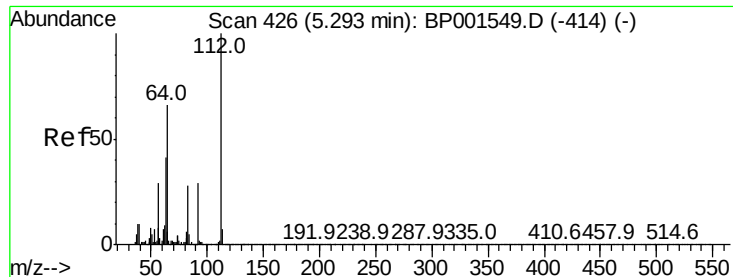


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 140.823 ng

RT: 5.27 min Scan# 422

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

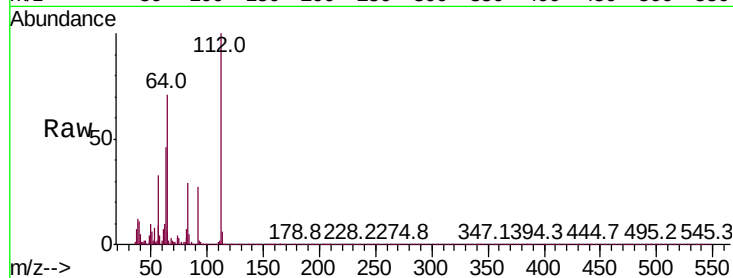
Tot Ion:112 Resp: 197090

Ion Ratio Lower Upper

112 100

64 70.7 52.8 79.2

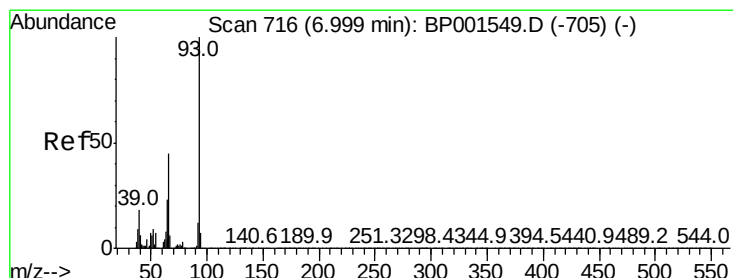
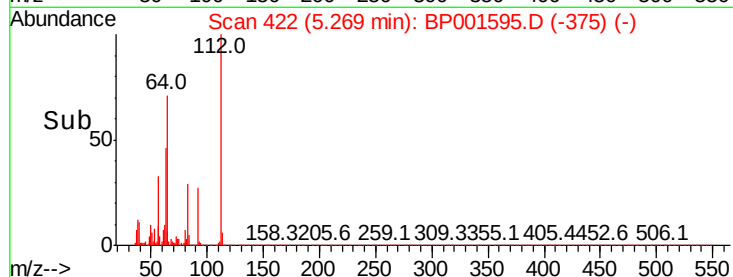
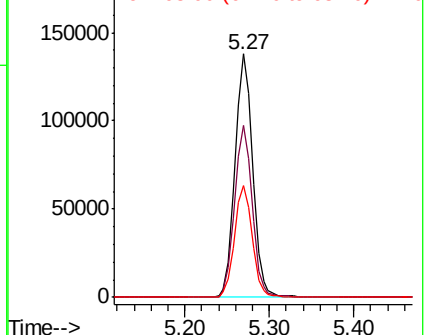
63 45.8 33.1 49.7



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: 16.019 ng

RT: 6.98 min Scan# 712

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

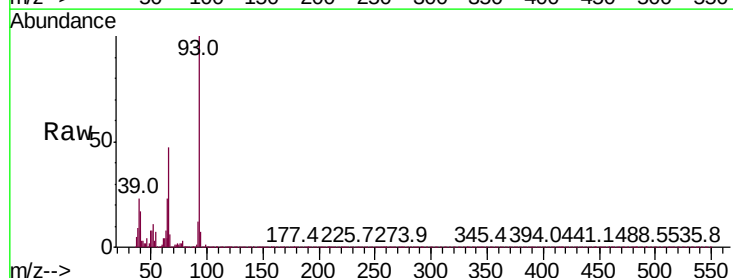
Tgt Ion: 93 Resp: 44801

Ion Ratio Lower Upper

93 100

66 47.2 36.4 54.6

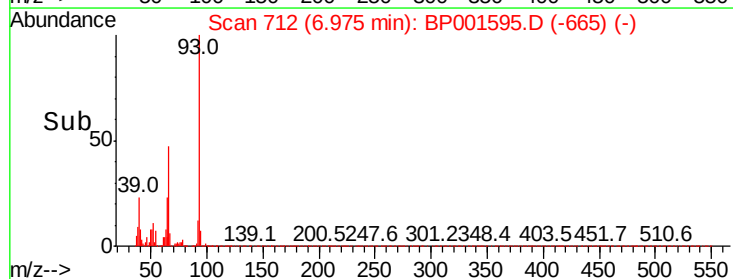
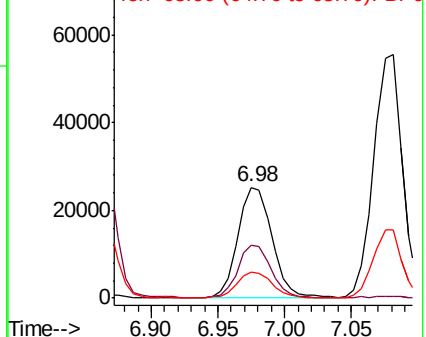
65 23.1 18.5 27.7

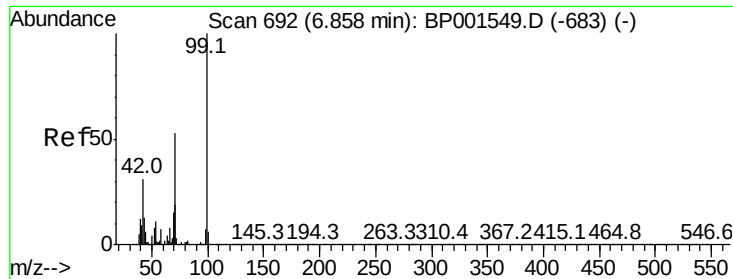


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 110.630 ng

RT: 6.84 min Scan# 689

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

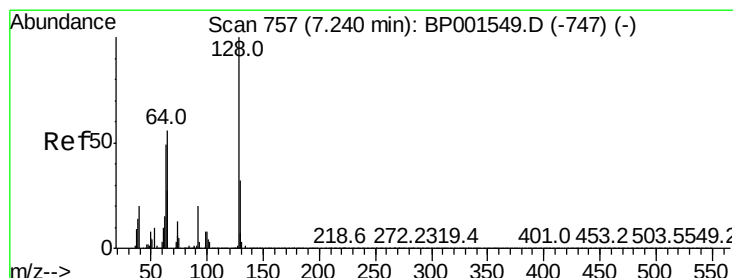
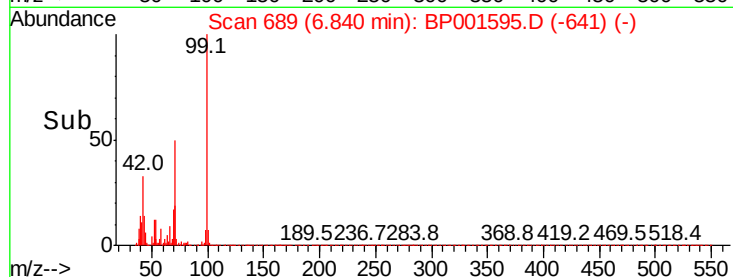
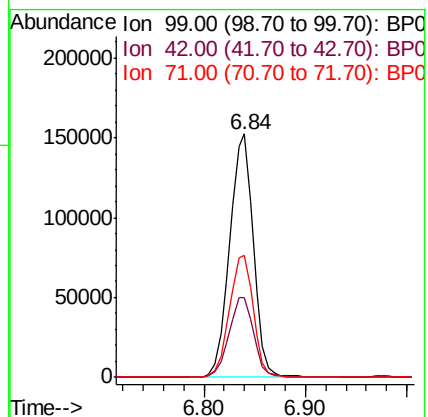
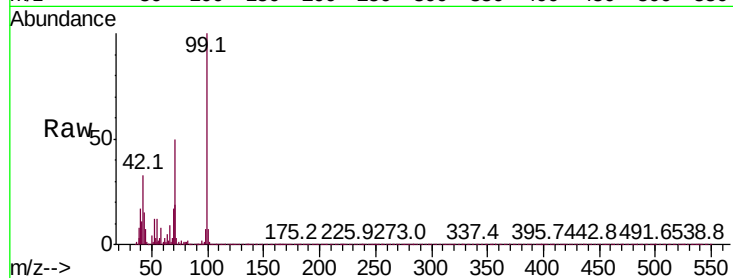
Tot Ion: 99 Resp: 247454

Ion Ratio Lower Upper

99 100

42 32.7 24.5 36.7

71 50.0 42.4 63.6



#8

2-Chlorophenol

Concen: 45.896 ng

RT: 7.22 min Scan# 753

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

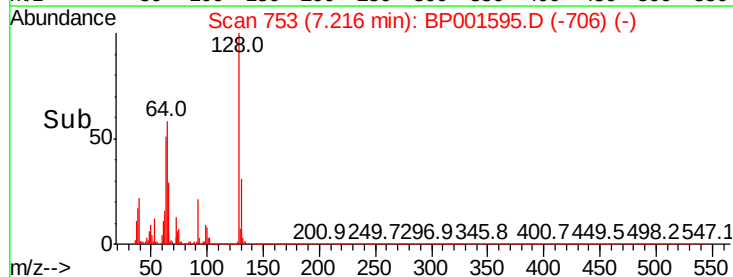
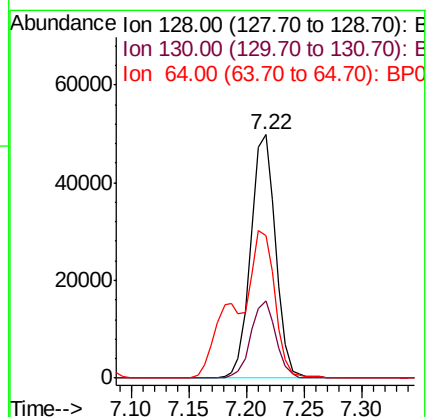
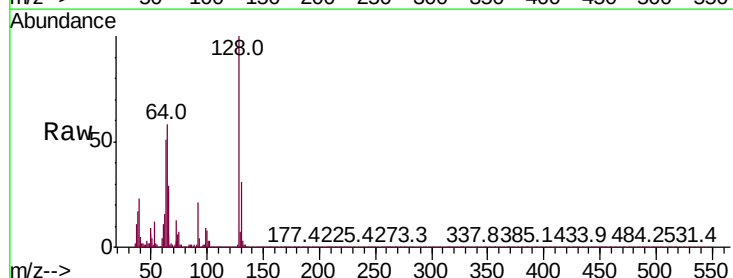
Tgt Ion: 128 Resp: 74992

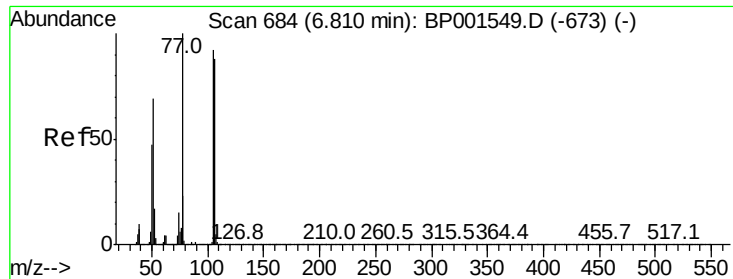
Ion Ratio Lower Upper

128 100

130 31.5 11.8 51.8

64 58.5 37.2 77.2





#9

Benzaldehyde

Concen: 34.260 ng

RT: 6.79 min Scan# 680

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

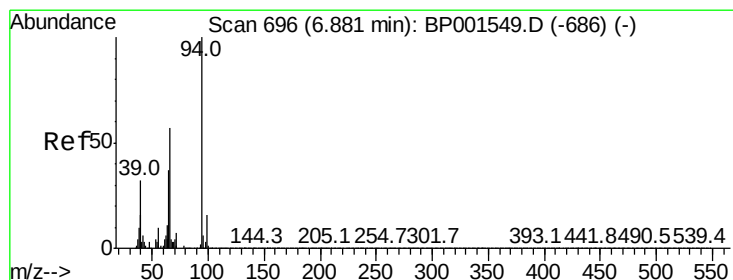
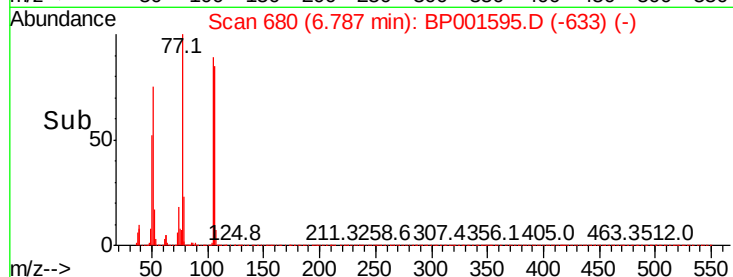
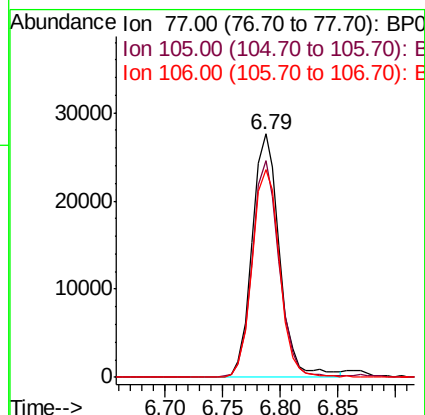
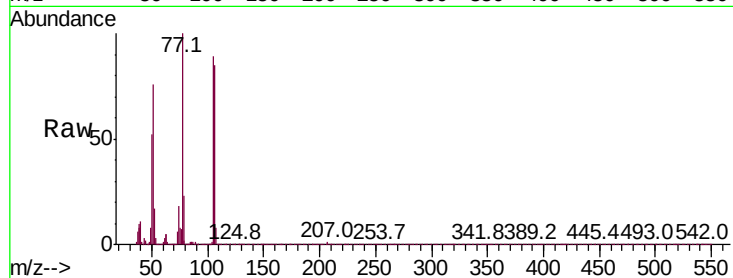
Tot Ion: 77 Resp: 45773

Ion Ratio Lower Upper

77 100

105 89.2 71.6 111.6

106 85.2 67.7 107.7



#10

Phenol

Concen: 36.677 ng

RT: 6.86 min Scan# 693

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

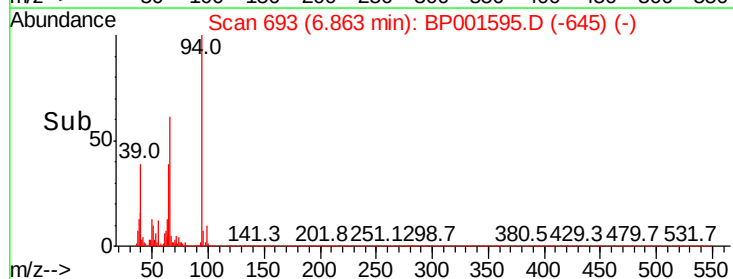
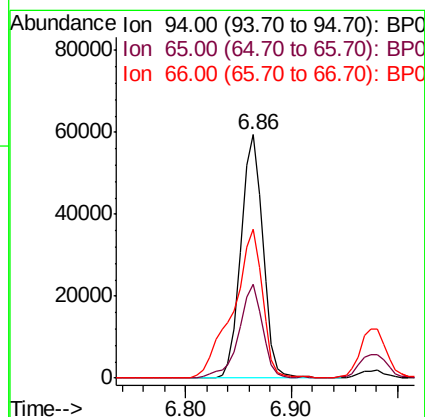
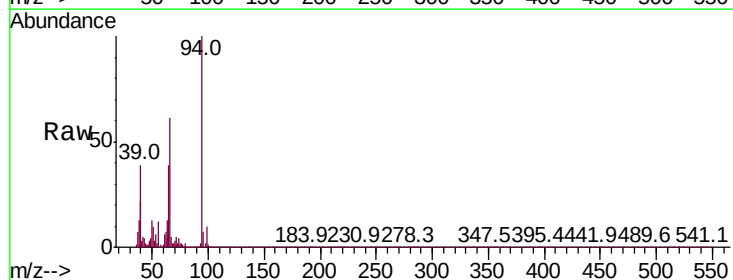
Tgt Ion: 94 Resp: 84864

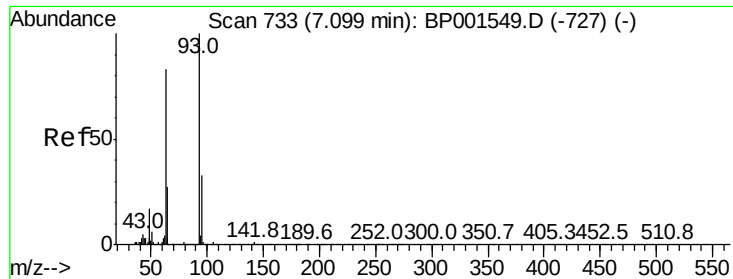
Ion Ratio Lower Upper

94 100

65 38.6 17.5 57.5

66 61.0 36.7 76.7

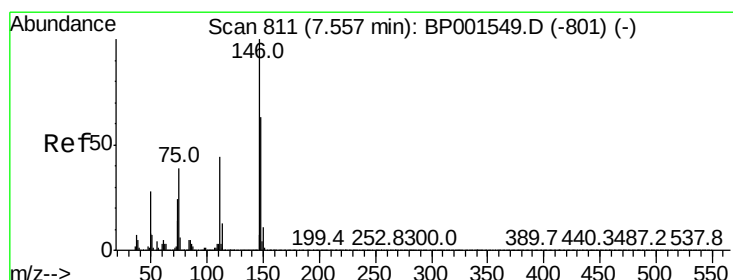
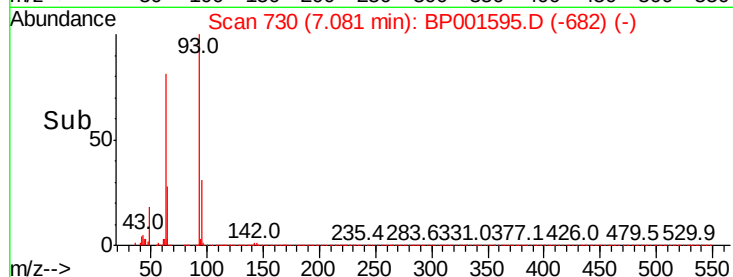
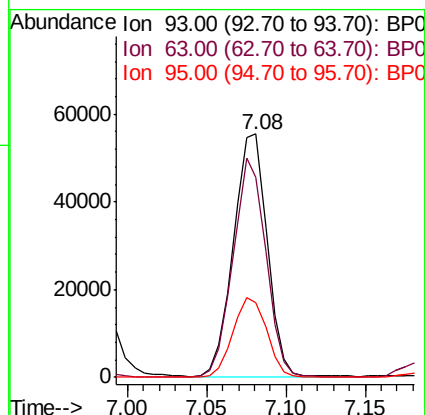
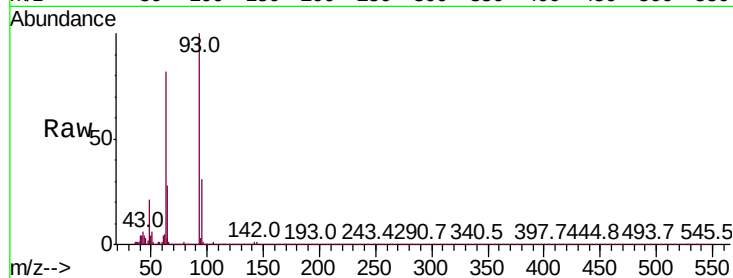




#11
bis(2-Chloroethyl)ether
Concen: 44.951 ng
RT: 7.08 min Scan# 730
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

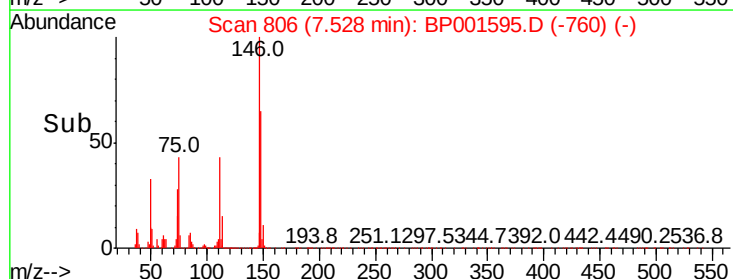
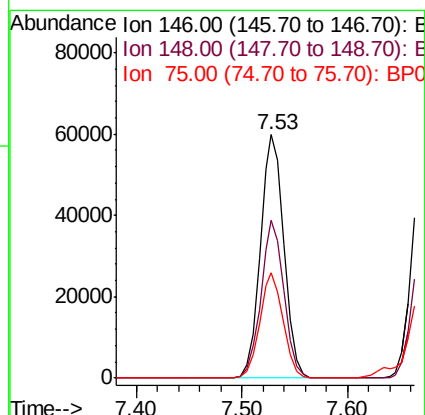
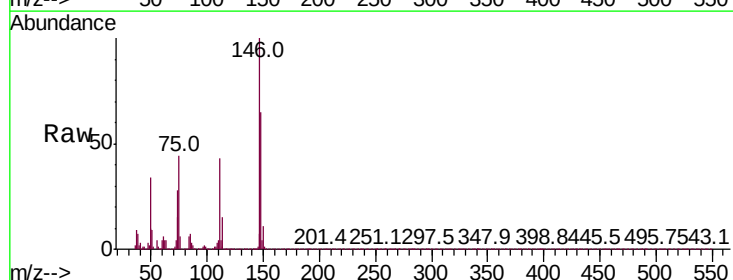
Instrument :
BNA_P
ClientSampleId :

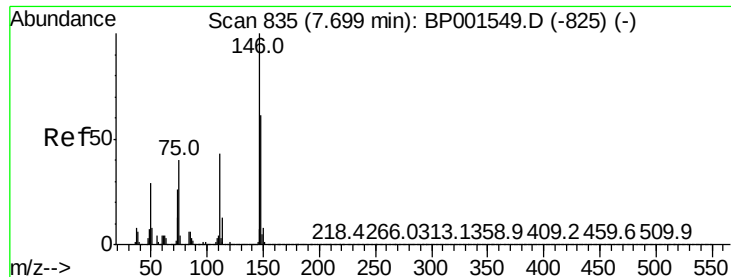
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.2	103.2
95	30.8	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 44.990 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.03 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.2
75	43.5	31.1	46.7





#13

1,4-Dichlorobenzene

Concen: 44.682 ng

RT: 7.68 min Scan# 831

Delta R.T. -0.02 min

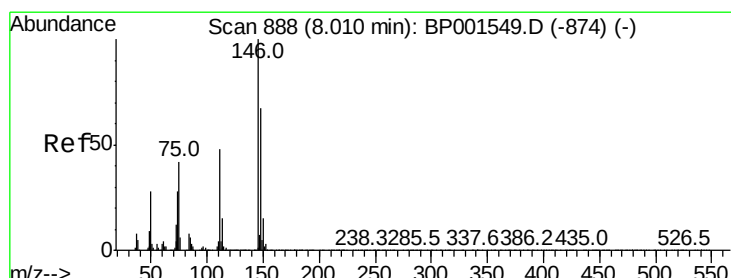
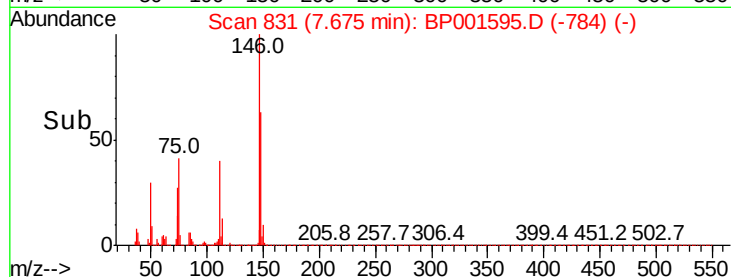
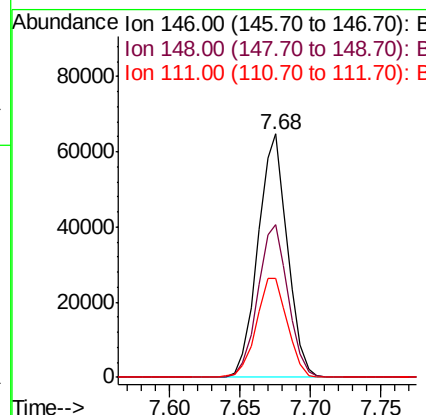
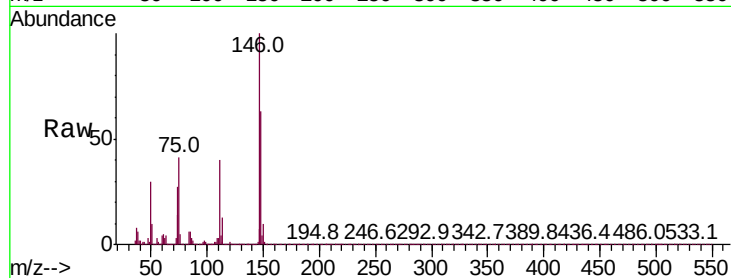
Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 94895

Ion	Ratio	Lower	Upper
146	100		
148	63.0	48.6	73.0
111	40.5	34.3	51.5



#14

1,2-Dichlorobenzene

Concen: 42.953 ng

RT: 7.99 min Scan# 884

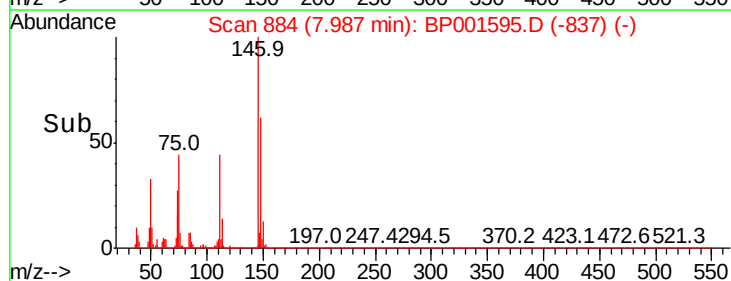
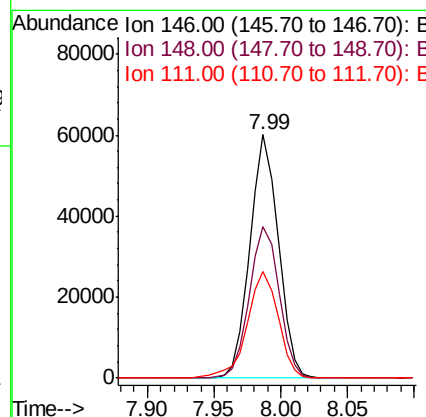
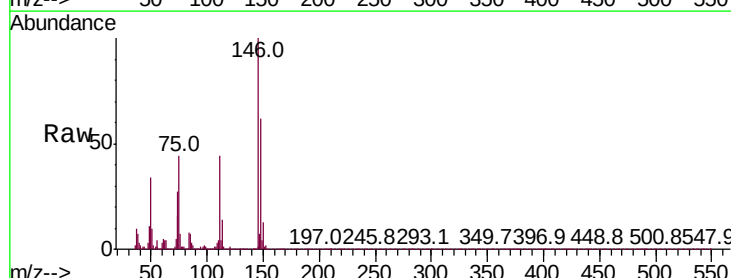
Delta R.T. -0.02 min

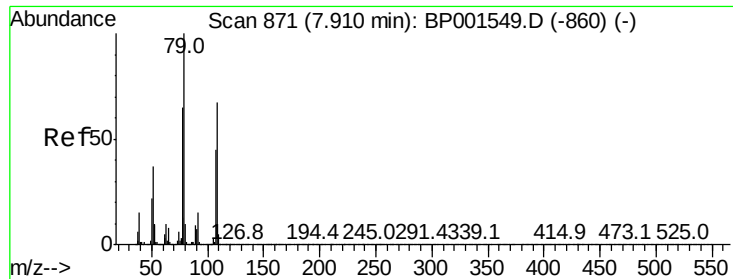
Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:146 Resp: 88157

Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.9	80.9
111	43.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.642 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

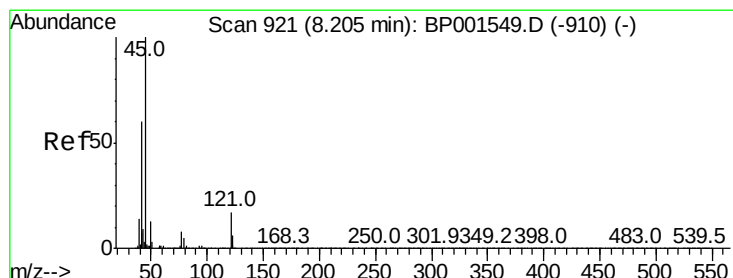
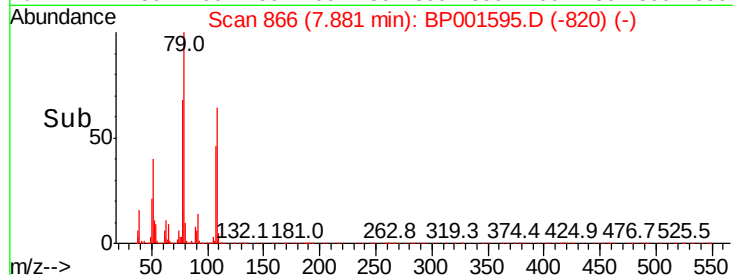
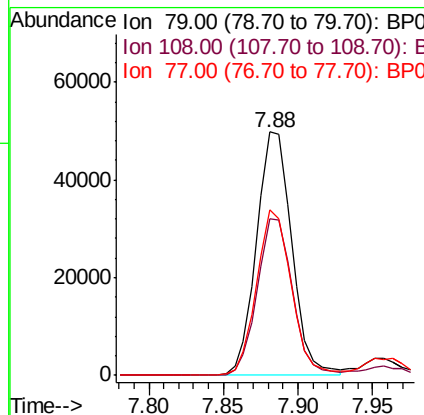
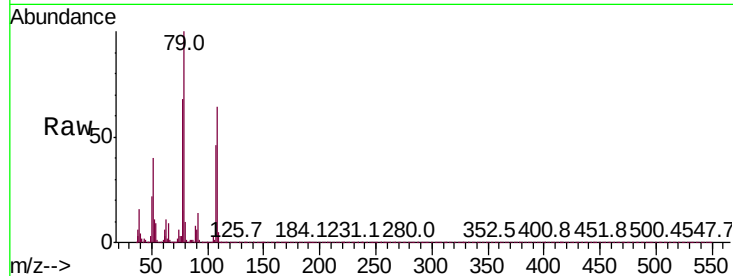
Tot Ion: 79 Resp: 81397

Ion Ratio Lower Upper

79 100

108 64.4 53.2 79.8

77 68.3 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.779 ng

RT: 8.17 min Scan# 915

Delta R.T. -0.04 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

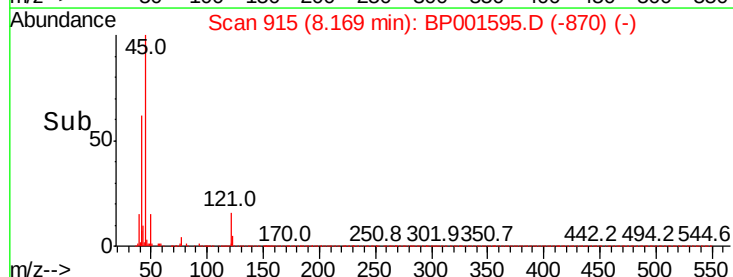
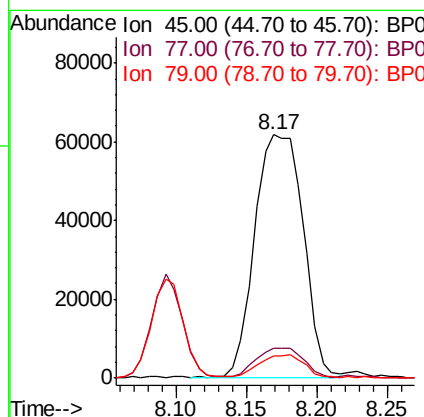
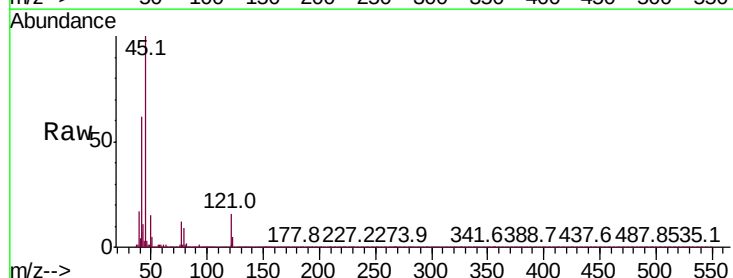
Tgt Ion: 45 Resp: 147590

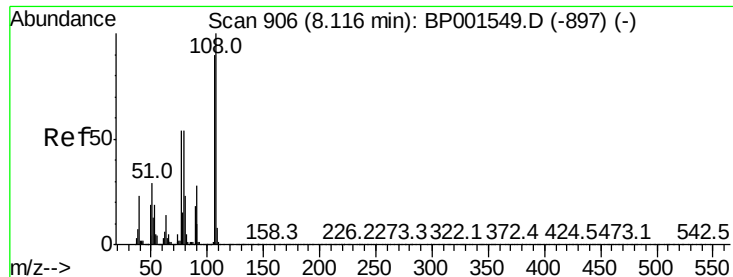
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.6

79 9.3 0.0 29.3

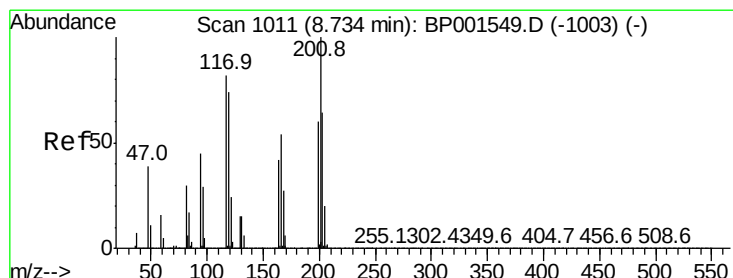
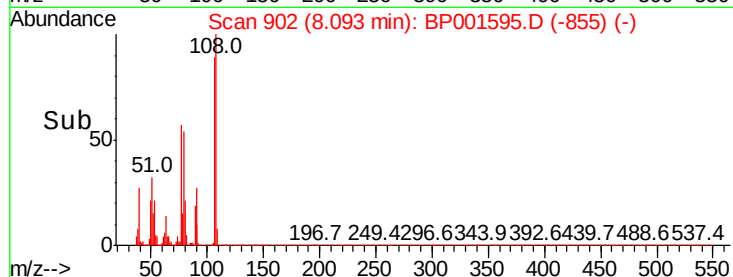
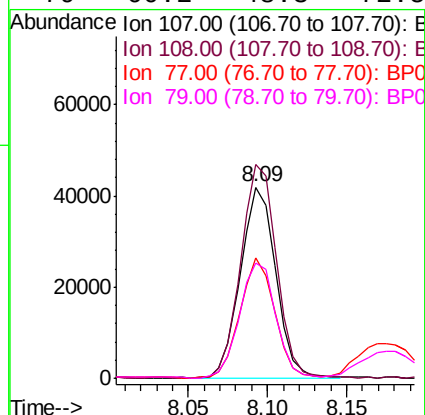
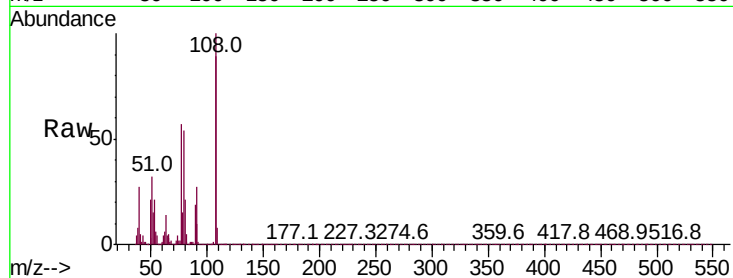




#17
2-Methylphenol
Concen: 40.386 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

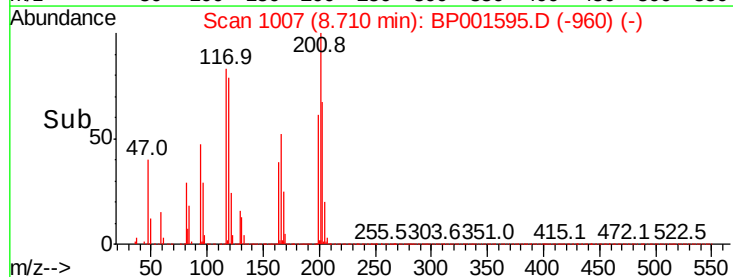
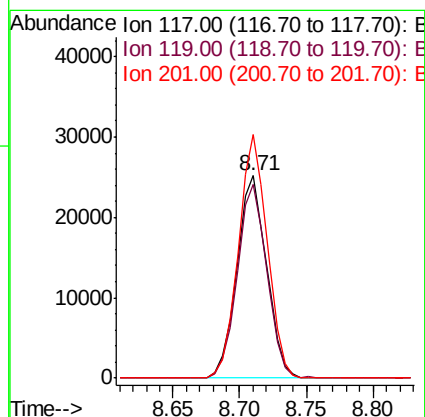
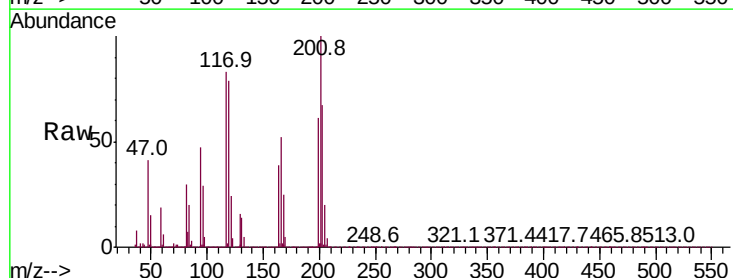
Instrument :
BNA_P
ClientSampleId :

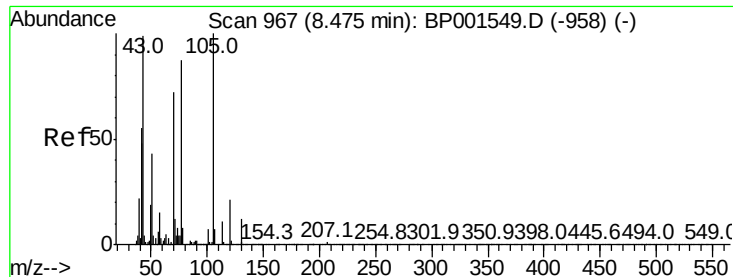
Tot Ion:107 Resp: 64880
Ion Ratio Lower Upper
107 100
108 111.8 89.2 133.8
77 63.2 47.9 71.9
79 60.2 48.3 72.5



#18
Hexachloroethane
Concen: 46.872 ng
RT: 8.71 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:117 Resp: 38861
Ion Ratio Lower Upper
117 100
119 95.4 71.8 107.8
201 120.3 97.6 146.4

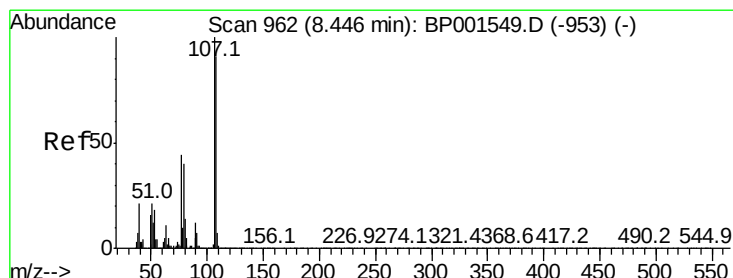
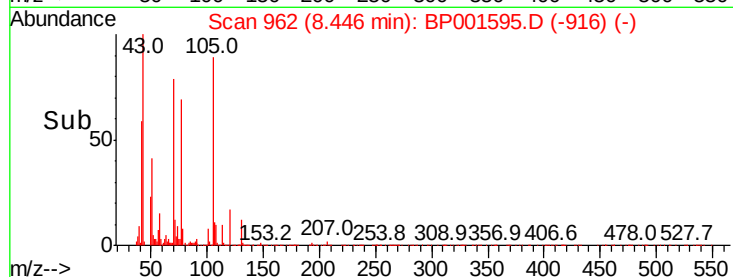
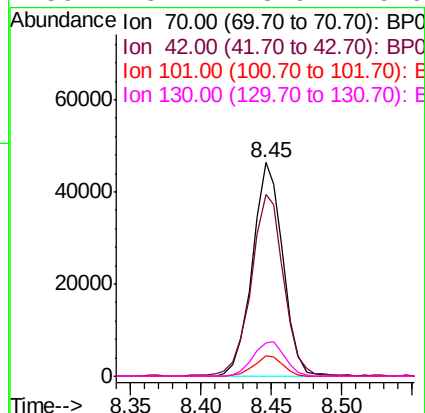
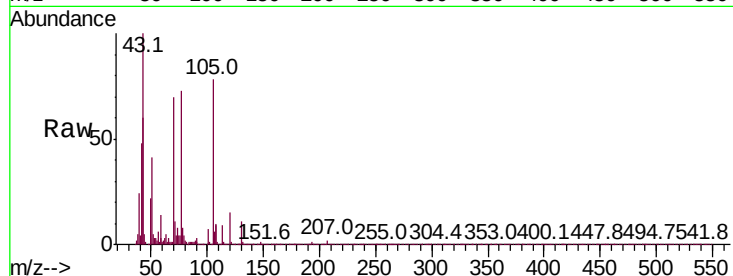




#19
n-Nitroso-di-n-propylamine
Concen: 41.054 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.03 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

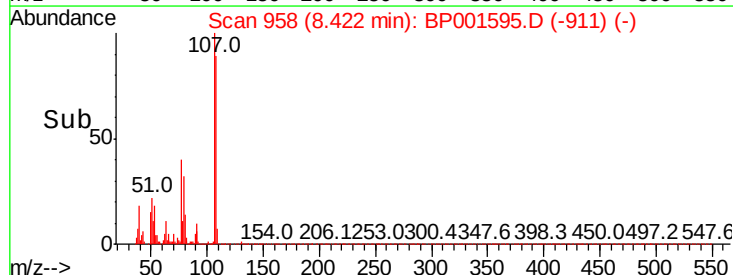
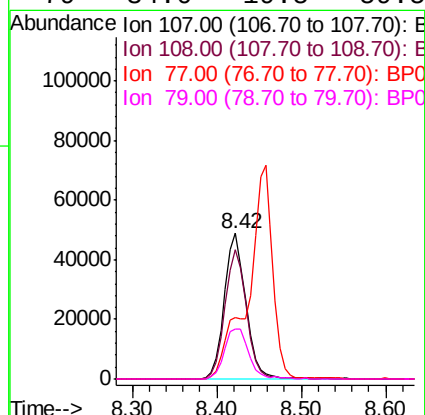
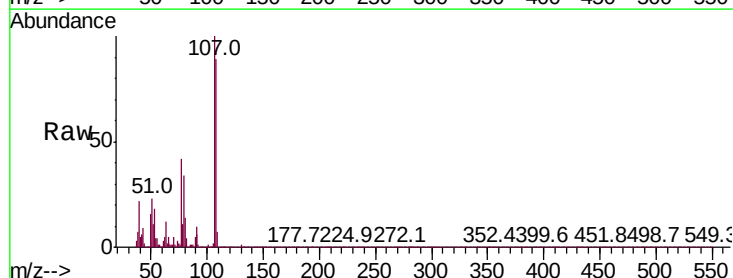
Instrument :
BNA_P
ClientSampleId :

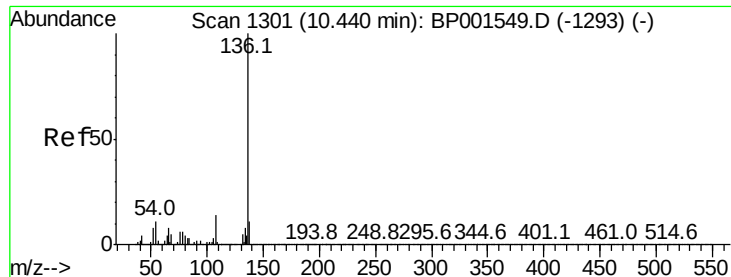
Tot Ion:	70	Resp:	70009
Ion	Ratio	Lower	Upper
70	100		
42	84.9	62.3	93.5
101	9.5	7.3	10.9
130	15.7	13.9	20.9



#20
3+4-Methylphenols
Concen: 38.500 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:	107	Resp:	86515
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.2	111.2
77	42.3	24.4	64.4
79	34.0	19.5	59.5

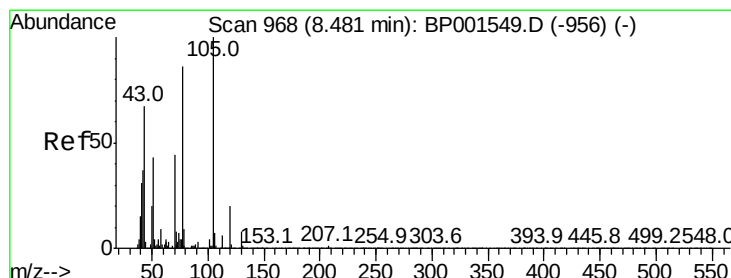
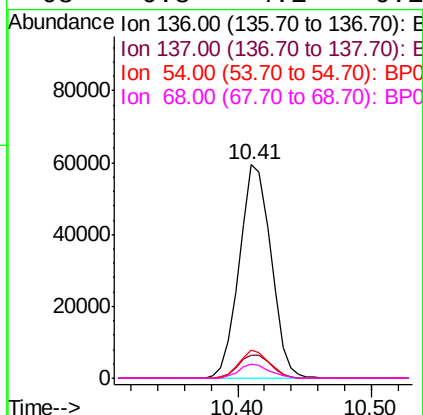
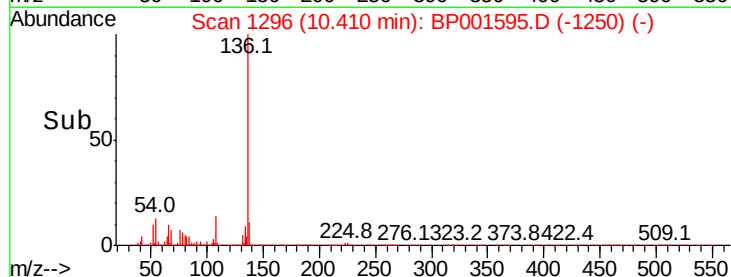
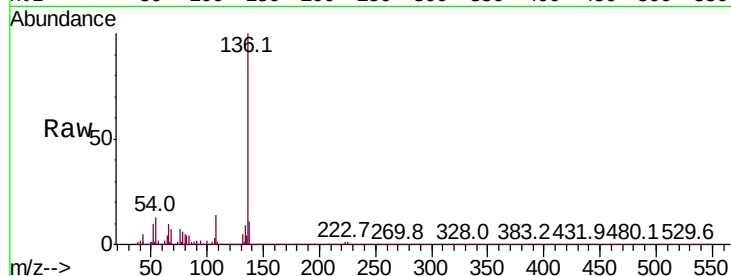




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

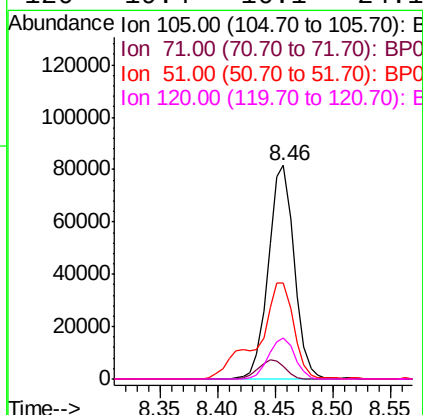
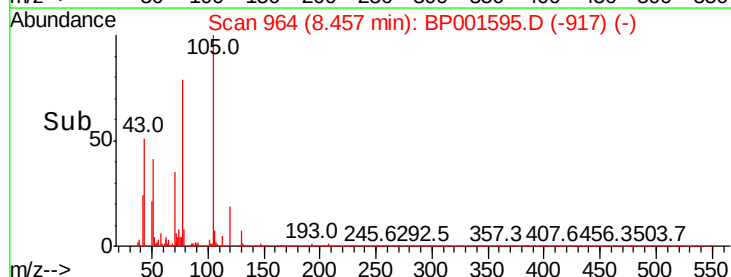
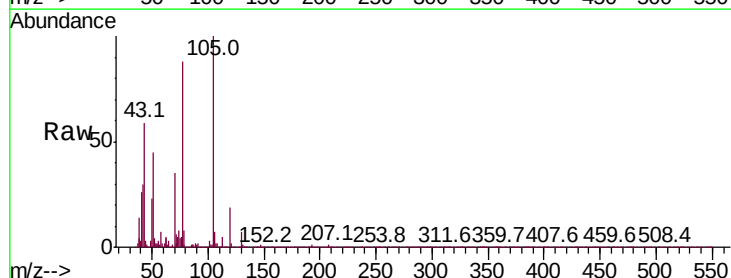
Instrument :
BNA_P
ClientSampleId :

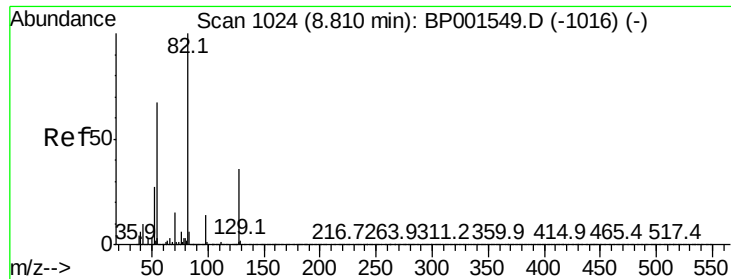
Tot Ion:	136	Resp:	97785
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	13.3	9.2	13.8
68	6.8	4.1	6.1#



#22
Acetophenone
Concen: 46.557 ng
RT: 8.46 min Scan# 964
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:	105	Resp:	127620
Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.6	10.0#
51	45.2	34.1	51.1
120	19.4	16.1	24.1

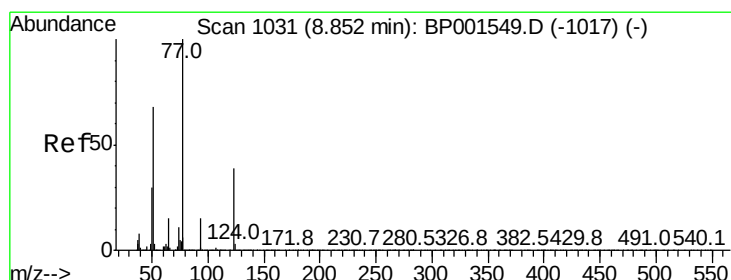
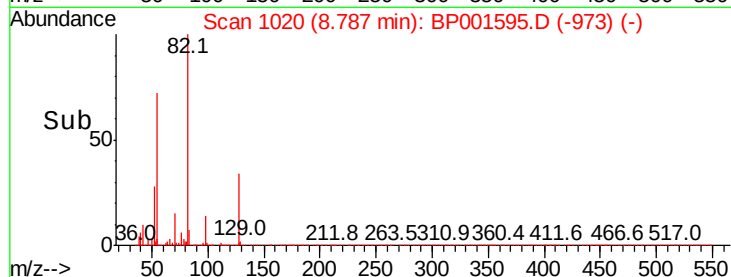
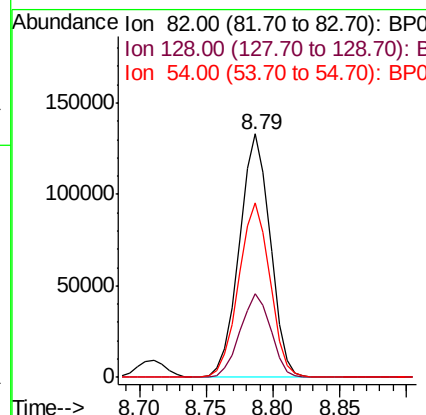
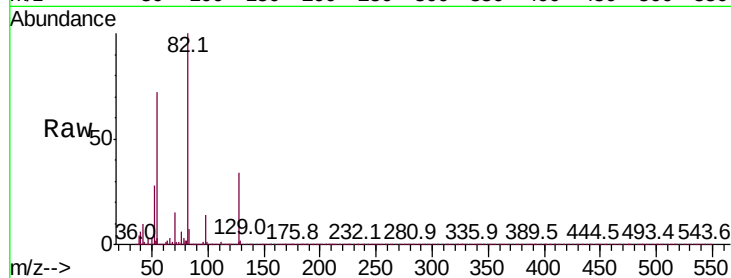




#23
 Nitrobenzene-d5
 Concen: 95.407 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BP001595.D
 Acq: 14 Jan 2020 19:32

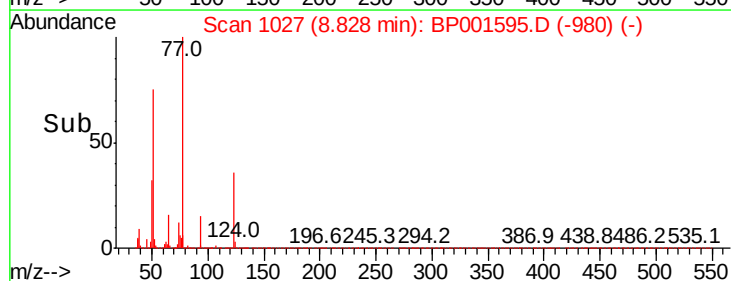
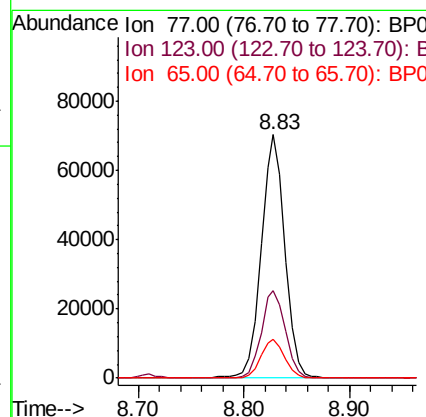
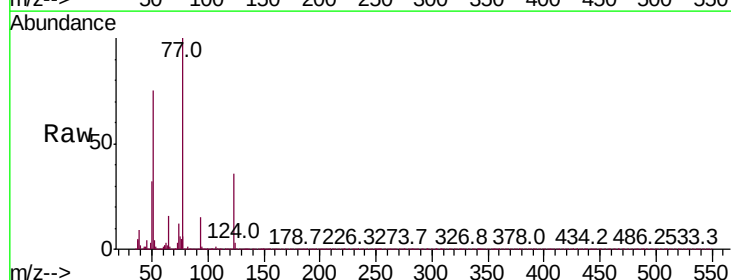
Instrument :
 BNA_P
 ClientSampleId :

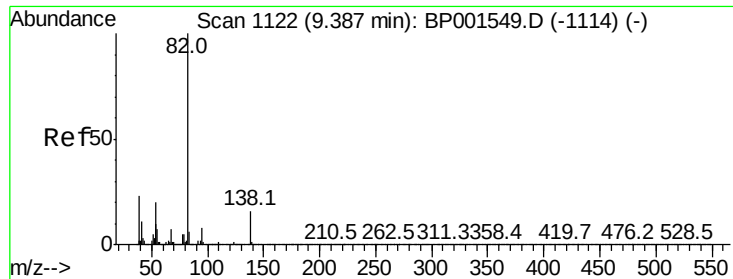
Tot Ion	82	Resp	213498
Ion Ratio	100	Lower	Upper
128	34.3	28.4	42.6
54	71.9	53.4	80.2



#24
 Nitrobenzene
 Concen: 48.236 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BP001595.D
 Acq: 14 Jan 2020 19:32

Tgt Ion	77	Resp	109200
Ion Ratio	100	Lower	Upper
123	36.0	31.1	46.7
65	15.8	12.4	18.6





#25

Isophorone

Concen: 46.144 ng

RT: 9.36 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

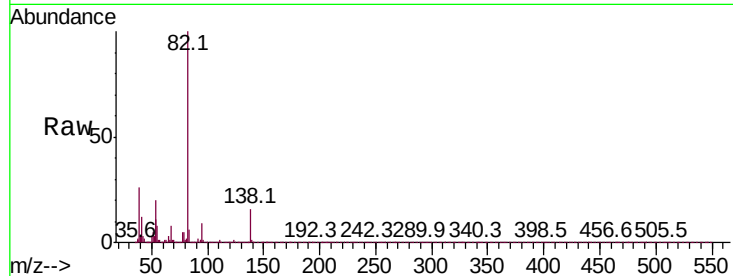
Tot Ion: 82 Resp: 185171

Ion Ratio Lower Upper

82 100

95 9.3 6.7 10.1

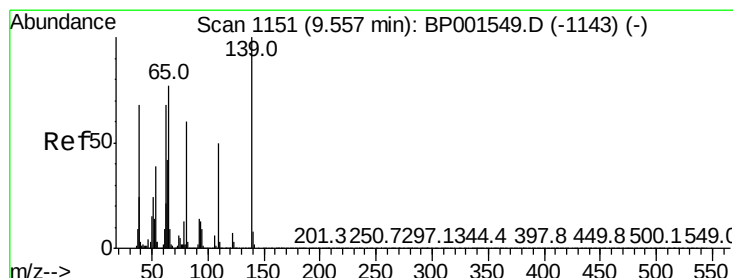
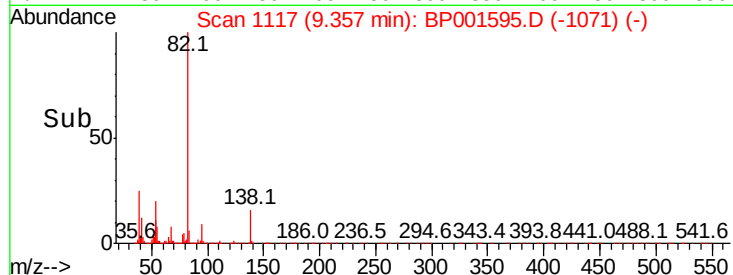
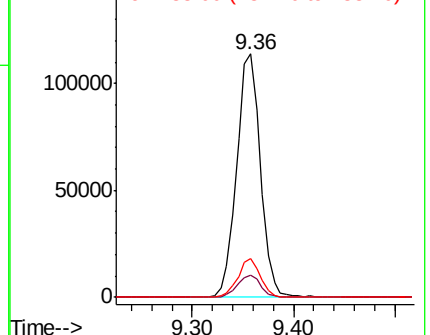
138 15.7 12.5 18.7



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: 48.405 ng

RT: 9.53 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

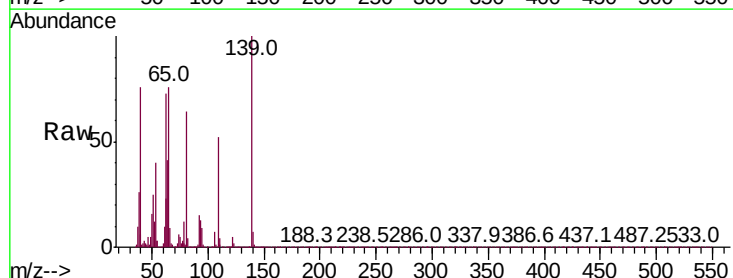
Tgt Ion: 139 Resp: 41413

Ion Ratio Lower Upper

139 100

109 51.5 39.6 59.4

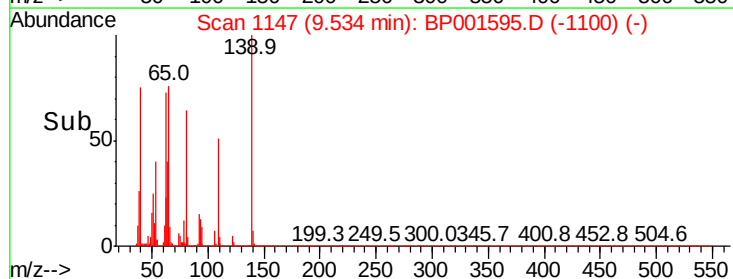
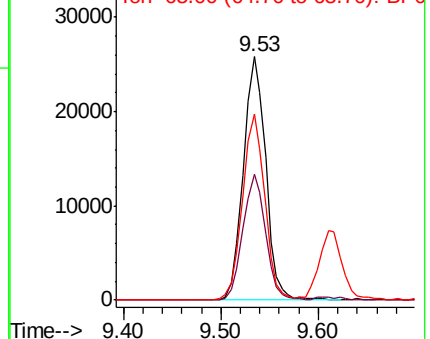
65 76.3 61.3 91.9

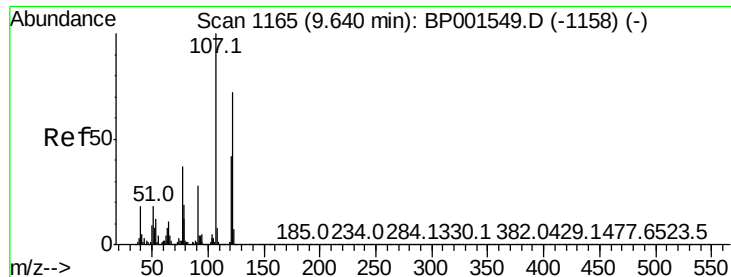


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 54.693 ng

RT: 9.62 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

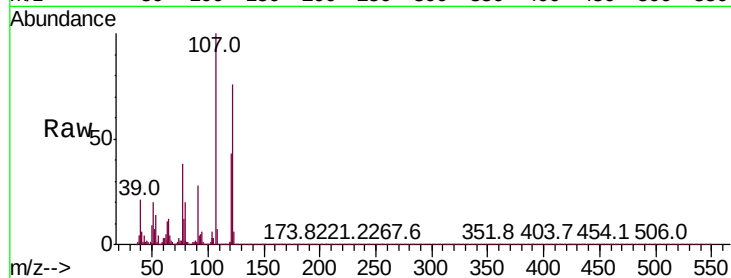
Tot Ion:122 Resp: 69907

Ion Ratio Lower Upper

122 100

107 131.1 111.8 167.6

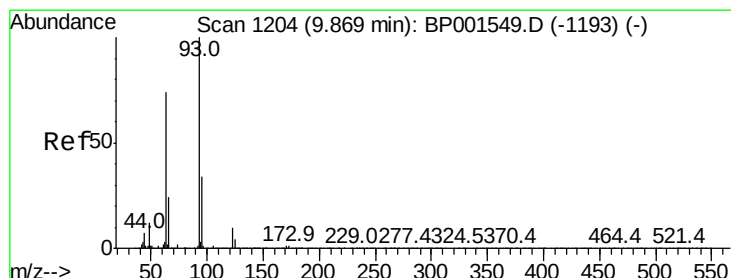
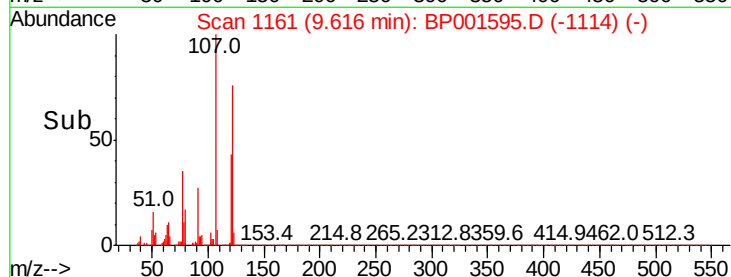
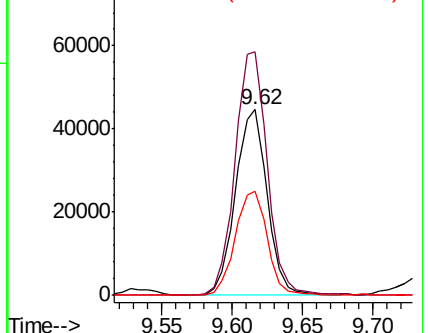
121 56.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.354 ng

RT: 9.84 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

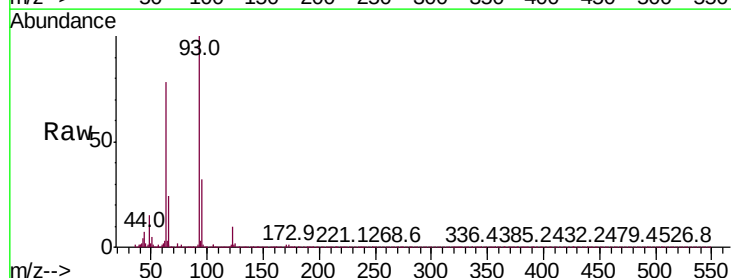
Tgt Ion: 93 Resp: 106619

Ion Ratio Lower Upper

93 100

95 31.5 26.9 40.3

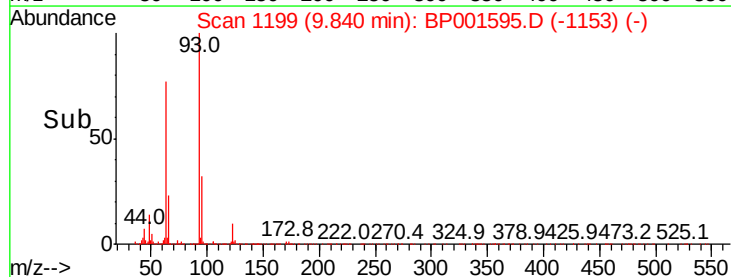
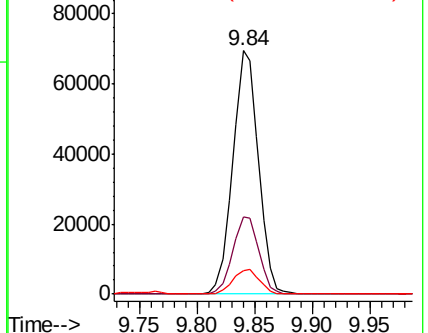
123 9.8 8.0 12.0

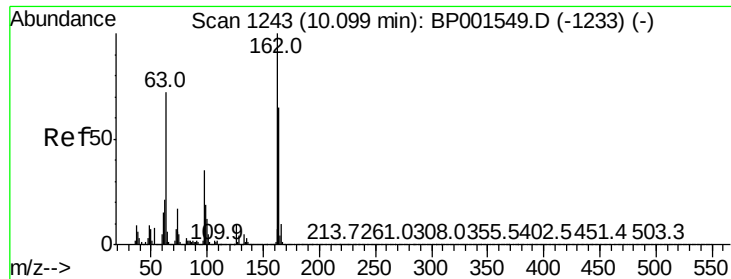


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

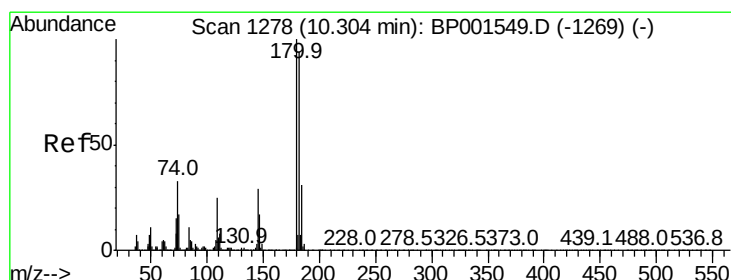
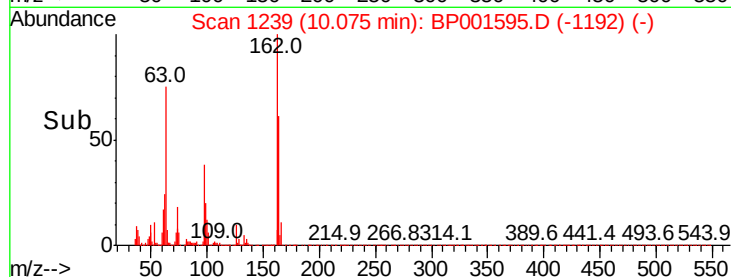
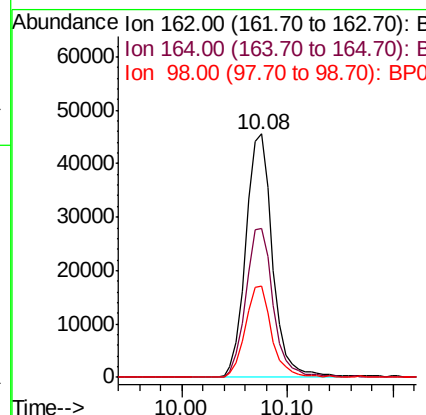
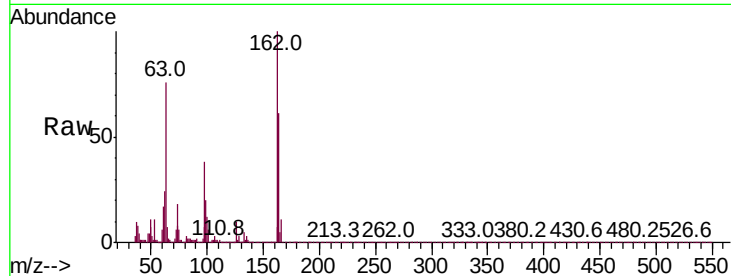




#29
2,4-Dichlorophenol
Concen: 45.613 ng
RT: 10.08 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

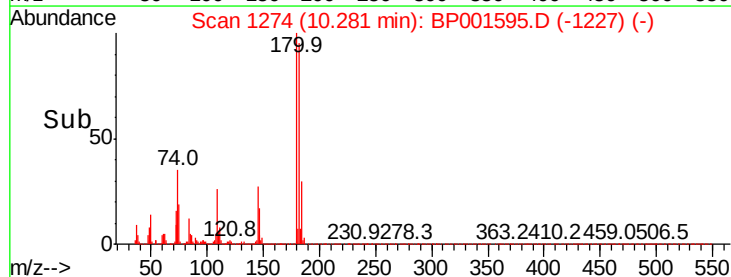
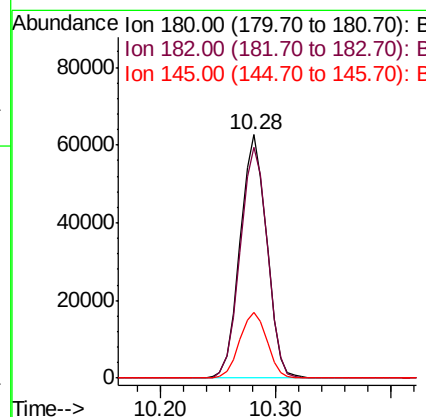
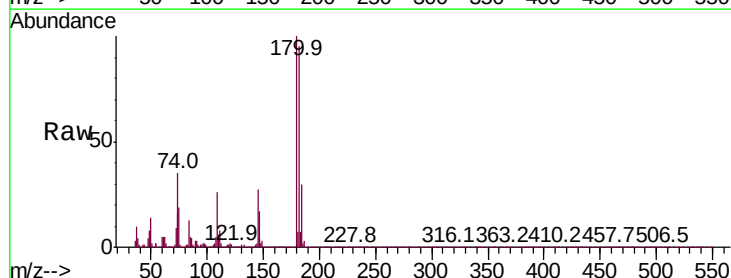
Instrument :
BNA_P
ClientSampleId :

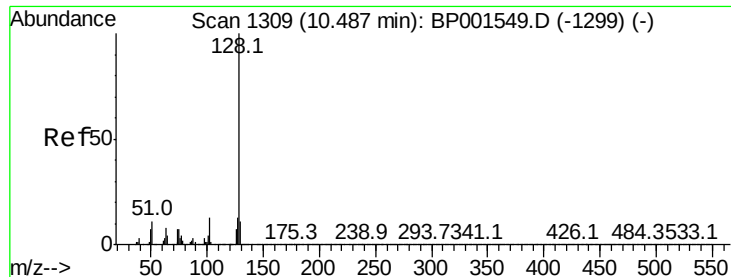
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	44.9	84.9
98	37.6	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 47.391 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
145	27.2	22.9	34.3

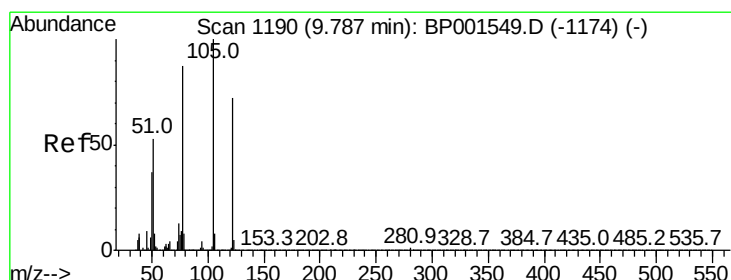
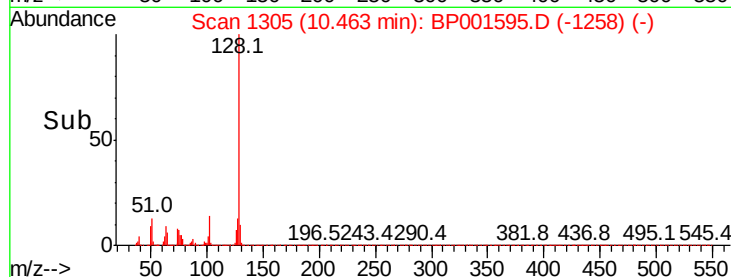
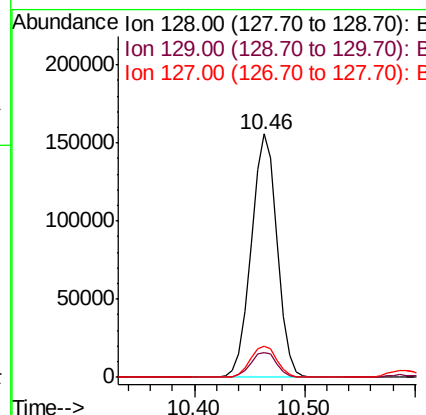
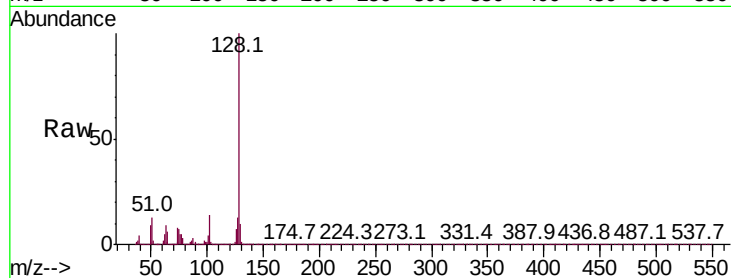




#31
Naphthalene
Concen: 49.495 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

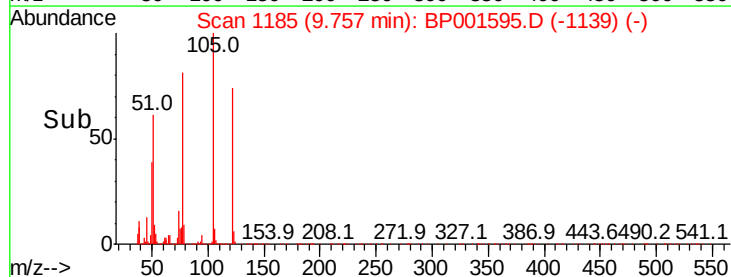
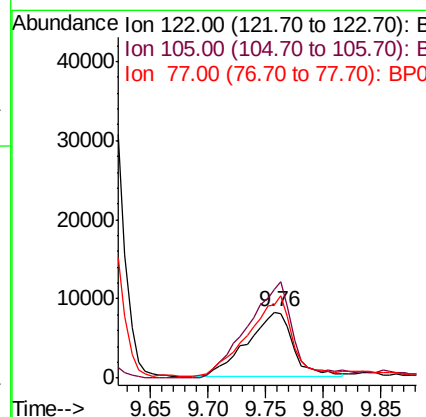
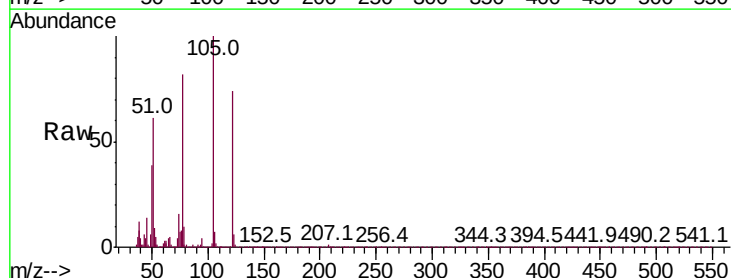
Instrument :
BNA_P
ClientSampleId :

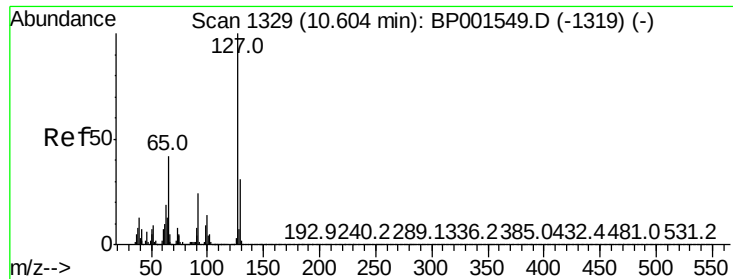
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	12.6	10.6	16.0



#32
Benzoic acid
Concen: 22.162 ng
RT: 9.76 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	119.5	159.5
77	110.8	102.8	142.8

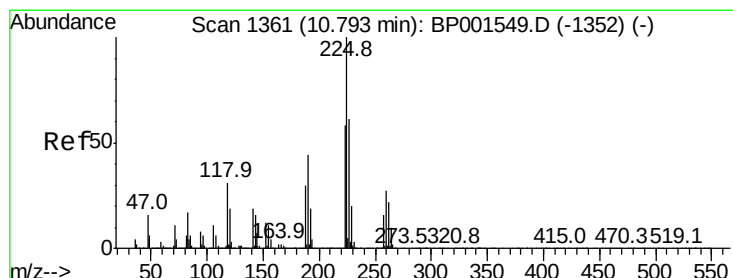
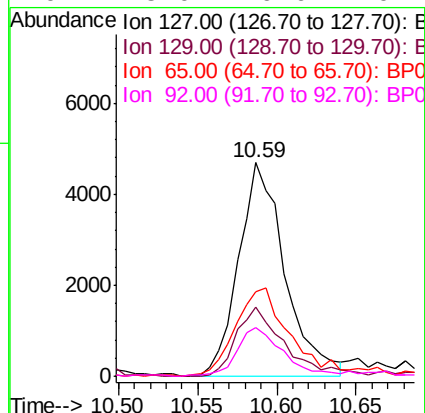
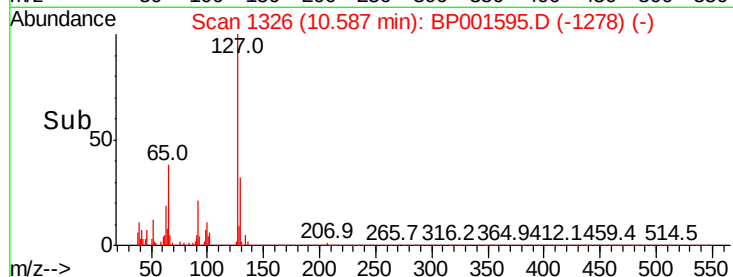
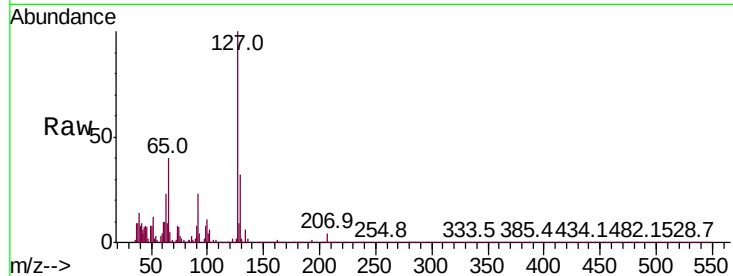




#33
4-Chloroaniline
Concen: 4.011 ng
RT: 10.59 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

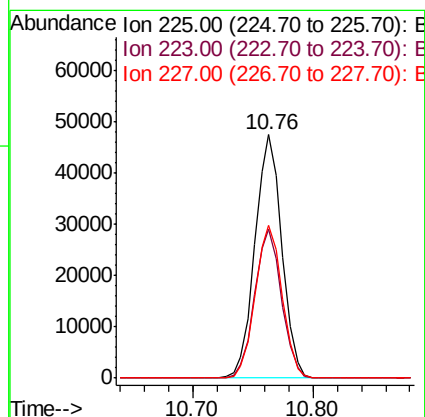
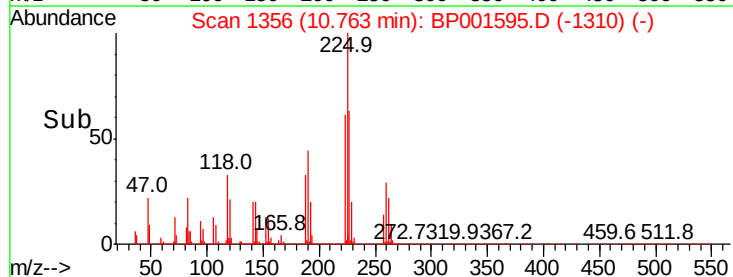
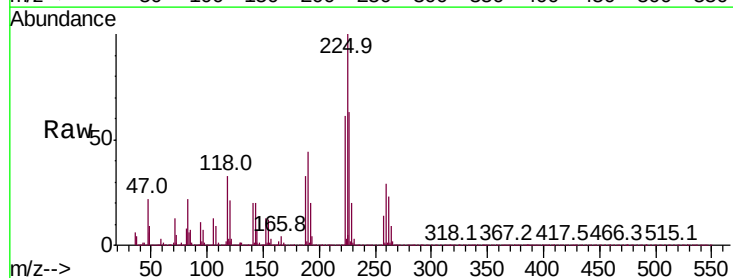
Instrument :
BNA_P
ClientSampleId :

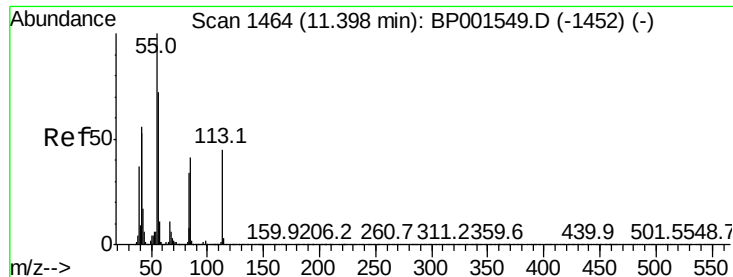
Tot Ion:	127	Resp:	9532
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.9	37.3
65	39.6	33.3	49.9
92	23.0	19.6	29.4



#34
Hexachlorobutadiene
Concen: 49.079 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:	225	Resp:	73378
Ion	Ratio	Lower	Upper
225	100		
223	61.1	46.5	69.7
227	62.6	48.8	73.2

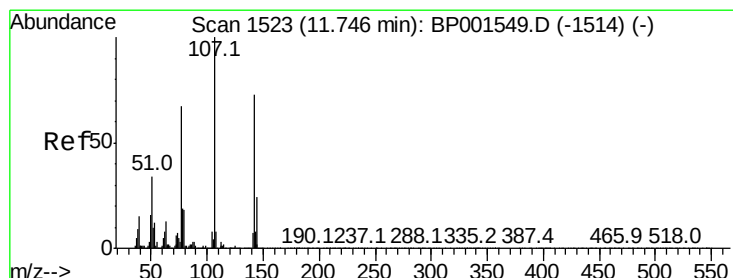
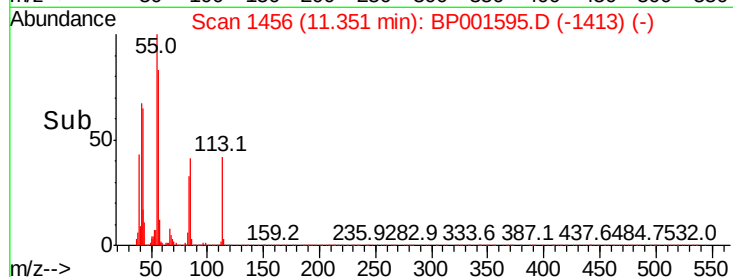
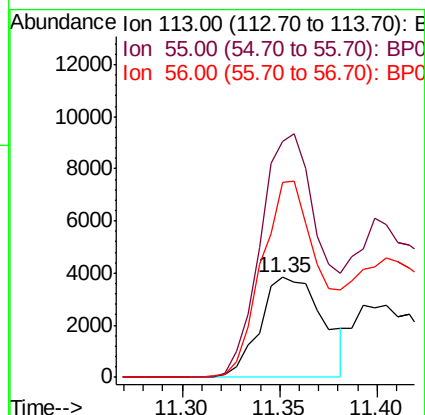
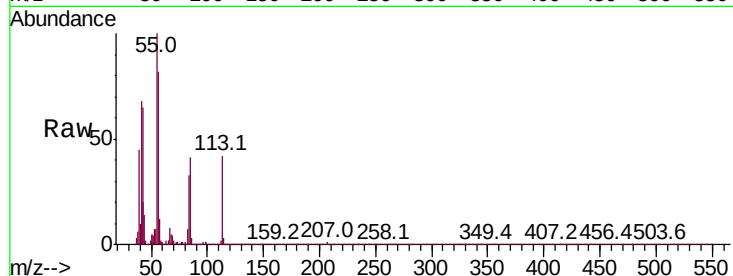




#35
Caprolactam
Concen: 13.489 ng
RT: 11.35 min Scan# 1456
Delta R.T. -0.05 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

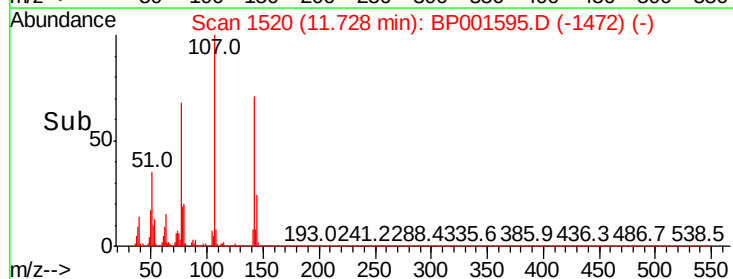
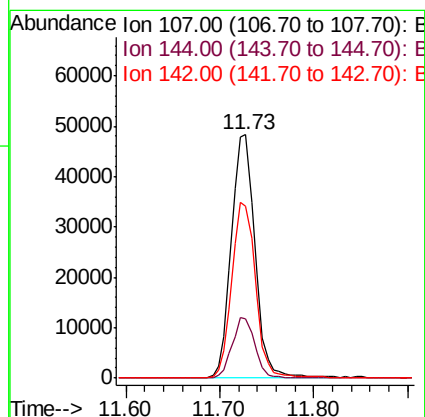
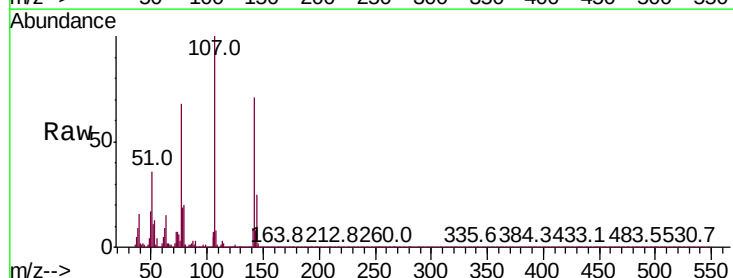
Instrument :
BNA_P
ClientSampleId :

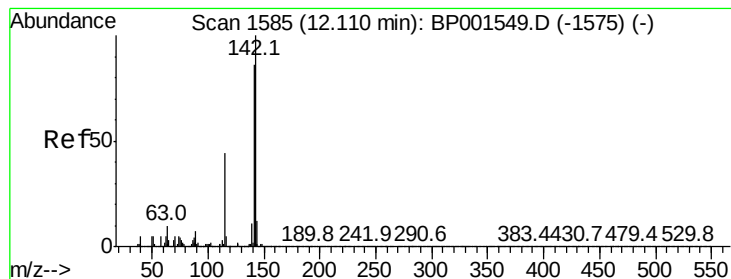
Tot Ion:113 Resp: 8570
Ion Ratio Lower Upper
113 100
55 236.8 202.7 242.7
56 195.1 140.0 180.0#



#36
4-Chloro-3-methylphenol
Concen: 40.597 ng
RT: 11.73 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:107 Resp: 85241
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 70.8 58.0 87.0





#37

2-Methylnaphthalene

Concen: 45.398 ng

RT: 12.09 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

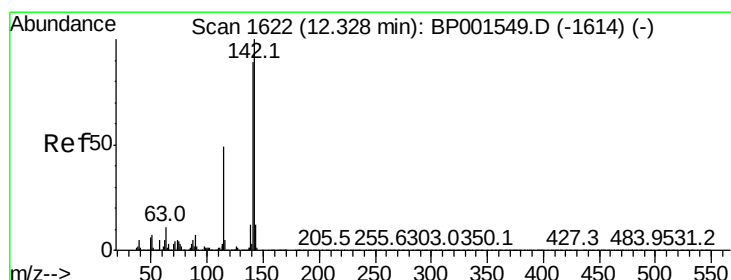
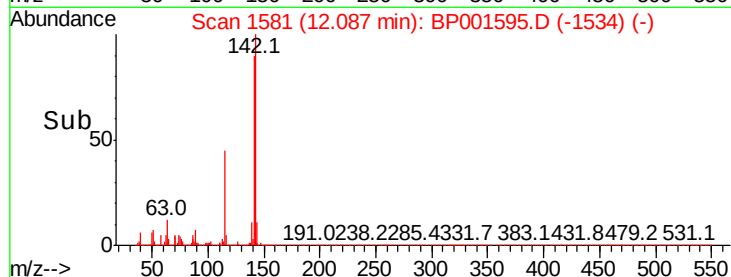
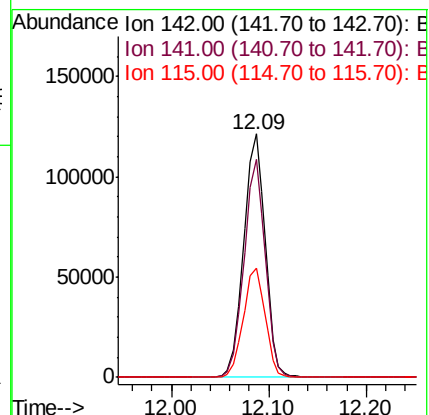
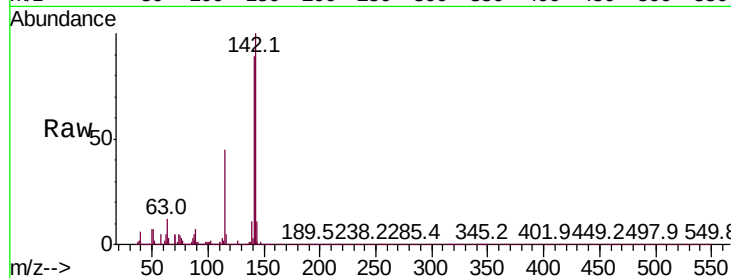
Tot Ion:142 Resp: 186720

Ion Ratio Lower Upper

142 100

141 89.5 68.4 102.6

115 44.7 35.1 52.7



#38

1-Methylnaphthalene

Concen: 44.575 ng

RT: 12.30 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

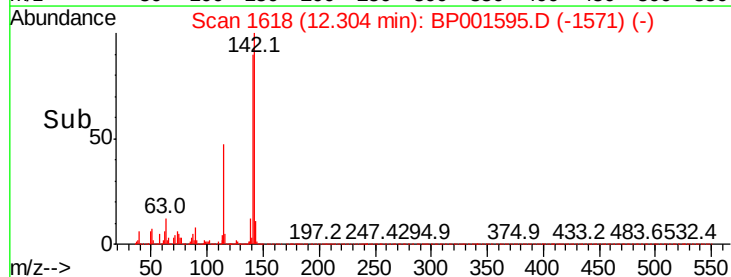
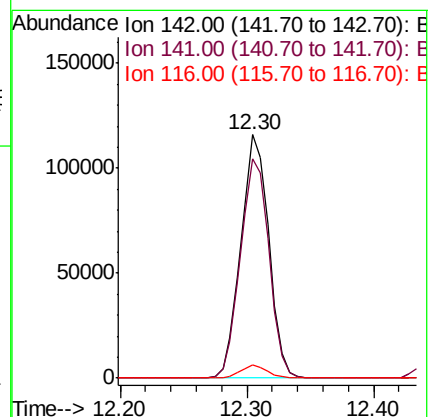
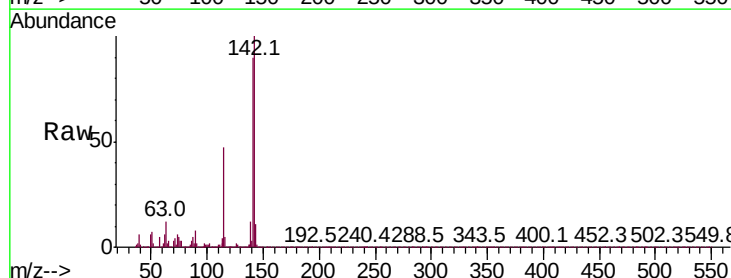
Tgt Ion:142 Resp: 176424

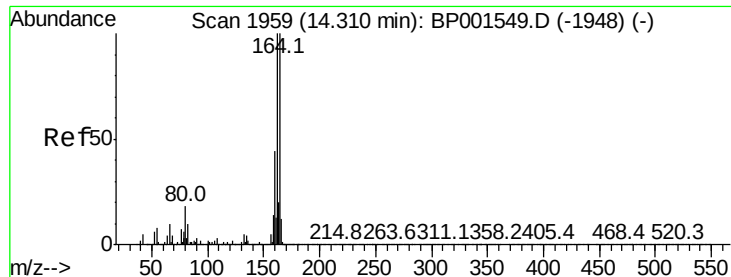
Ion Ratio Lower Upper

142 100

141 89.9 70.9 106.3

116 5.3 4.1 6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

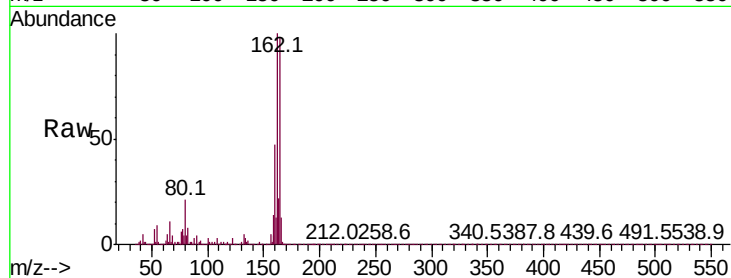
Tot Ion:164 Resp: 68600

Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.6

160 47.6 35.0 52.6

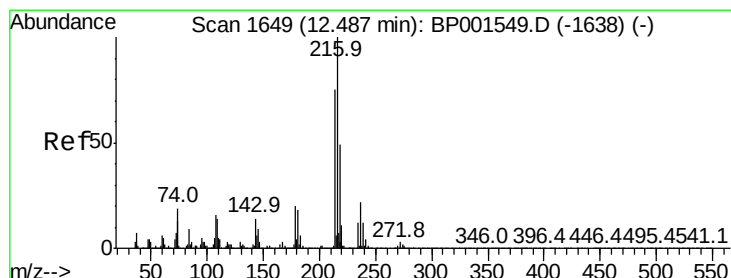
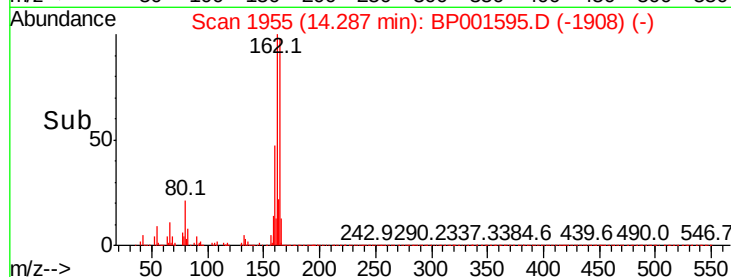
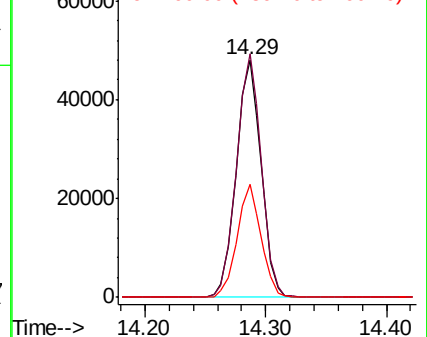


Abundance

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: 52.650 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:216 Resp: 123725

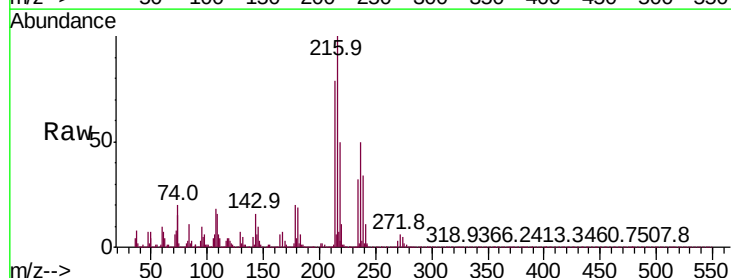
Ion Ratio Lower Upper

216 100

214 76.8 61.3 91.9

179 20.0 15.7 23.5

108 21.8 14.2 21.4#



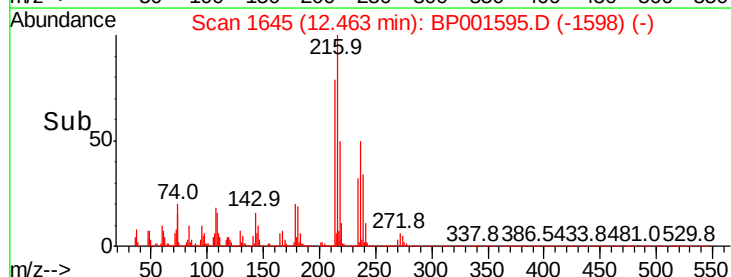
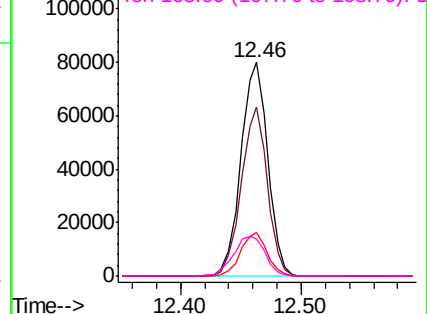
Abundance

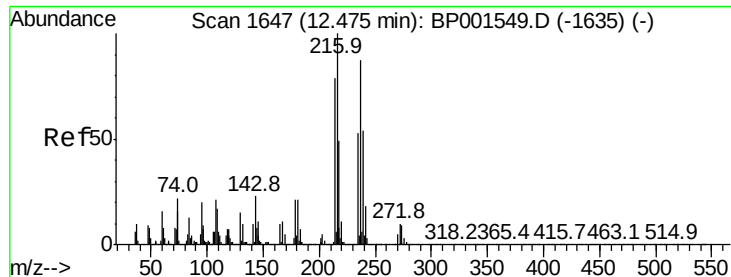
Ion 216.00 (215.70 to 216.70): E

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: 143.858 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

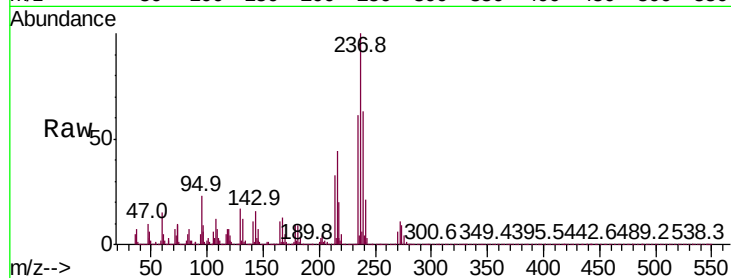
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 171480

Ion	Ratio	Lower	Upper
237	100		
235	60.8	41.6	81.6
272	11.5	0.0	31.2

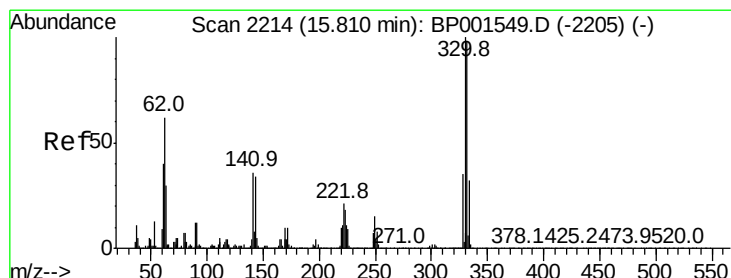
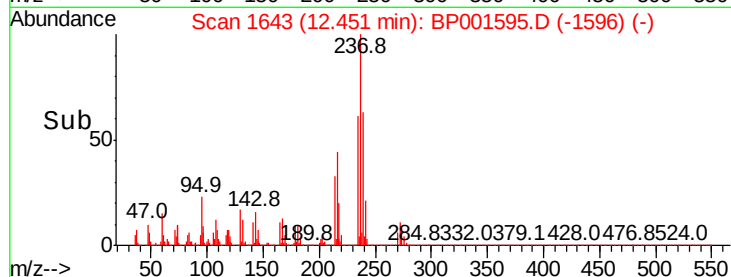
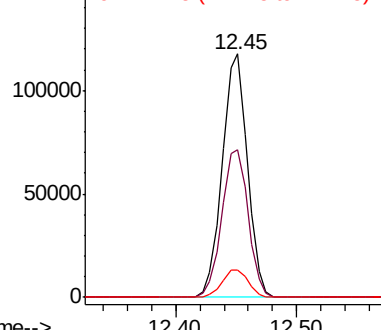


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 133.469 ng

RT: 15.79 min Scan# 2210

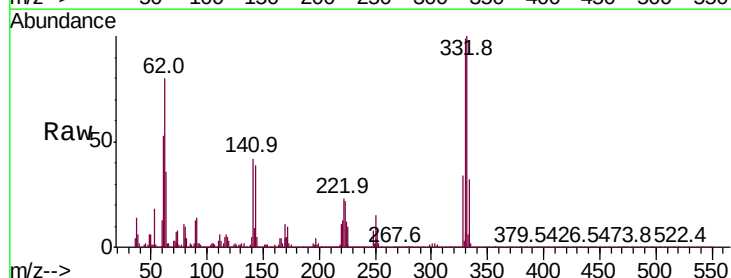
Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:330 Resp: 139372

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	38.9	28.7	43.1

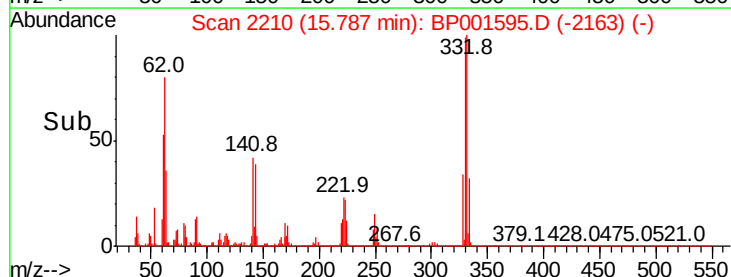
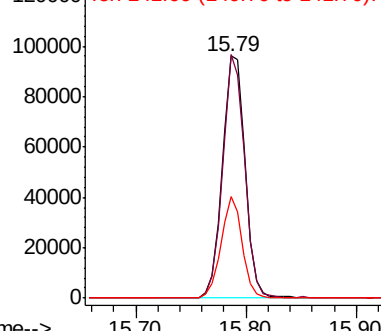


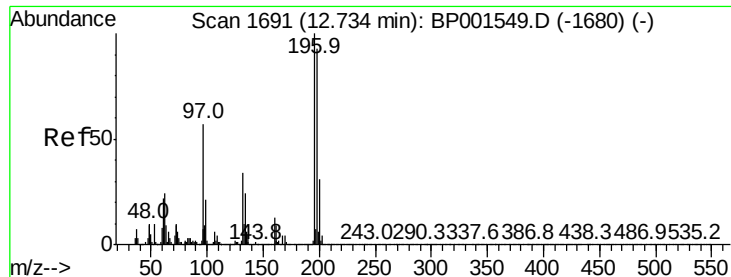
Abundance

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





#43

2,4,6-Trichlorophenol

Concen: 50.069 ng

RT: 12.71 min Scan# 1687

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

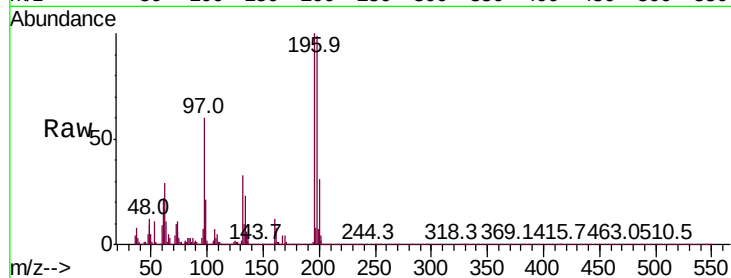
Tot Ion:196 Resp: 75883

Ion Ratio Lower Upper

196 100

198 98.5 74.2 111.4

200 30.8 24.6 37.0

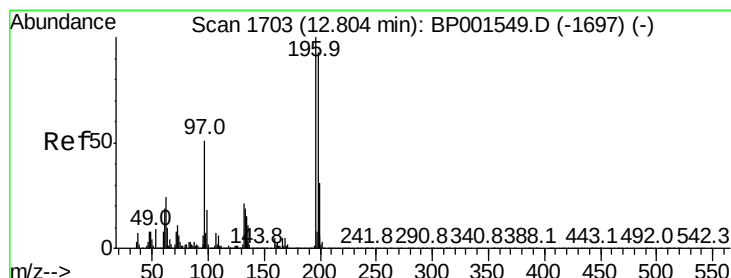
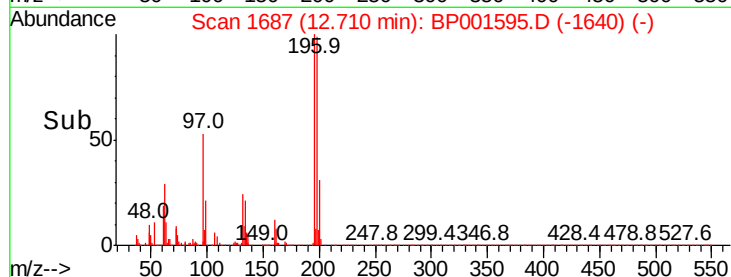
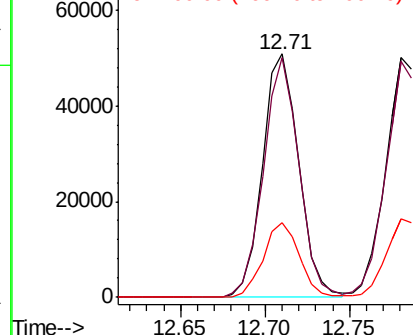


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 50.351 ng

RT: 12.78 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:196 Resp: 81091

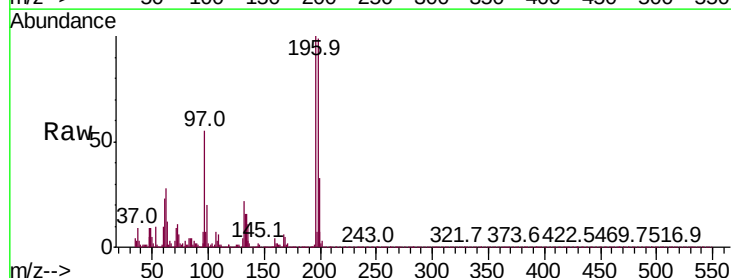
Ion Ratio Lower Upper

196 100

198 98.6 74.6 111.8

97 55.1 41.0 61.6

132 22.4 16.6 25.0



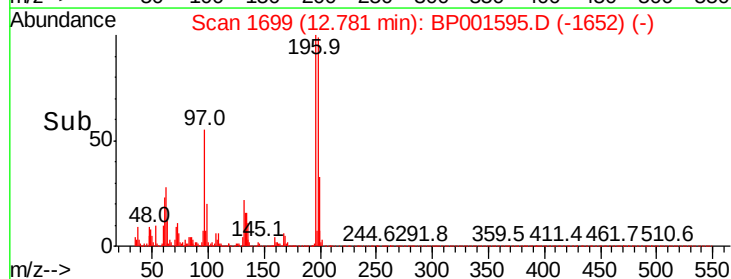
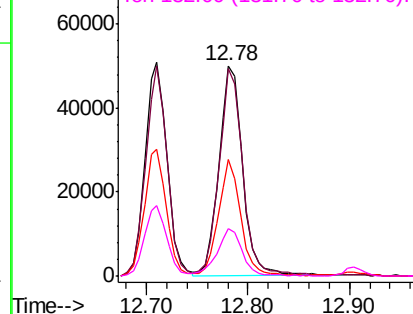
Abundance

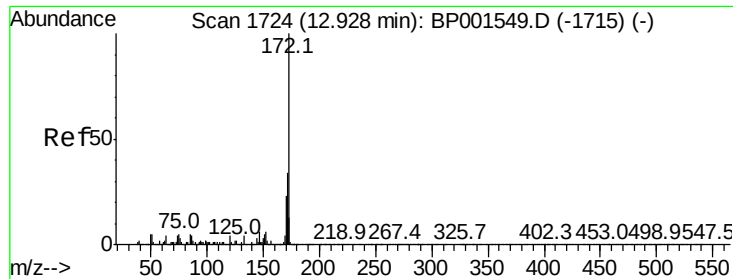
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

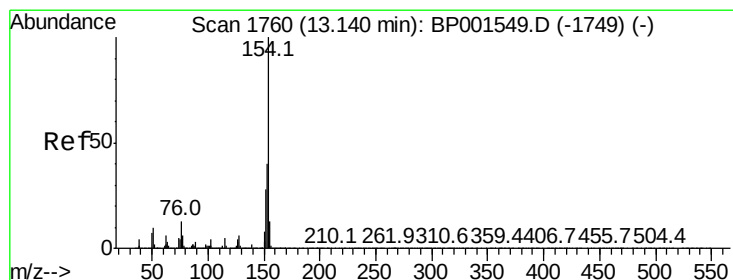
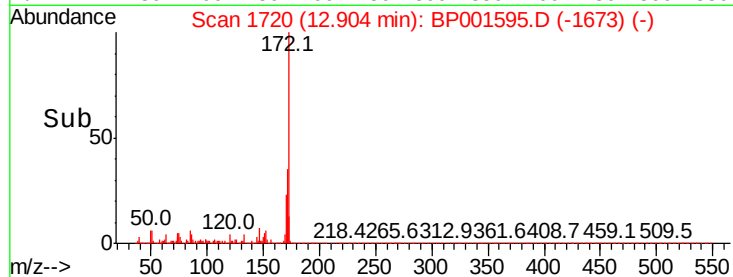
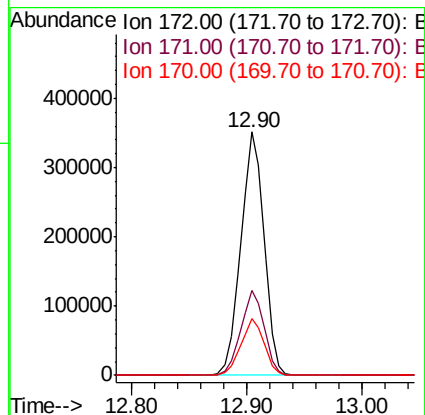
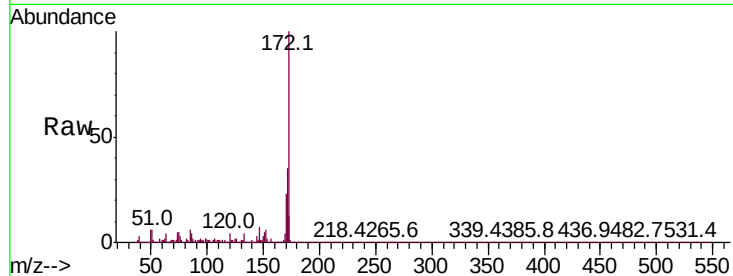




#45
2-Fluorobiphenyl
Concen: 104.822 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

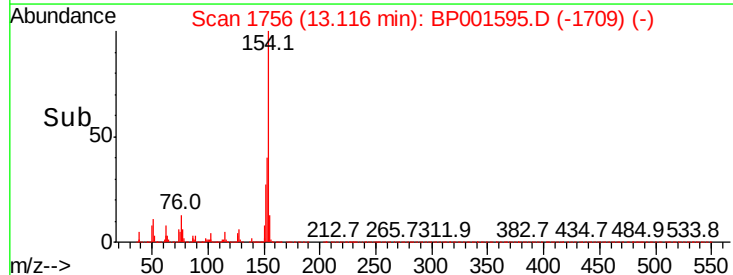
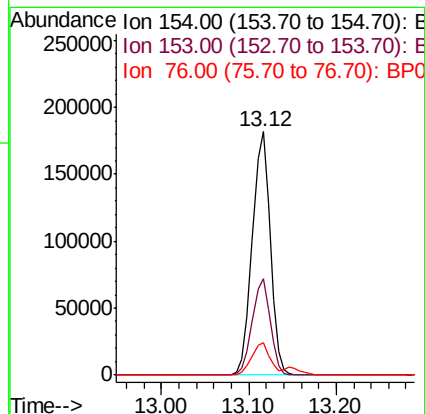
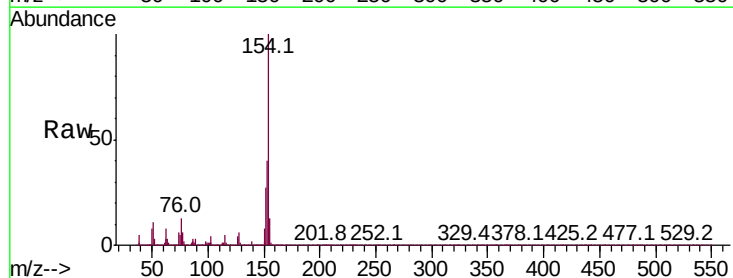
Instrument :
BNA_P
ClientSampleId :

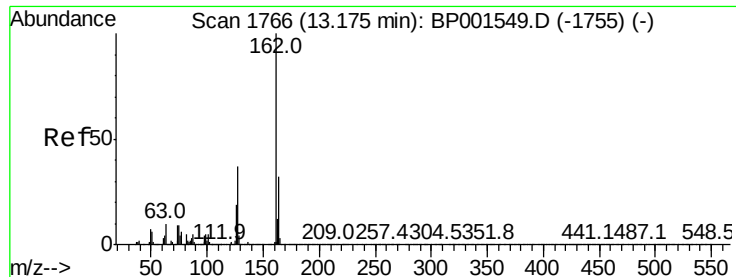
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.5	18.3	27.5



#46
1,1'-Biphenyl
Concen: 51.039 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.5	59.5
76	13.2	0.0	33.1

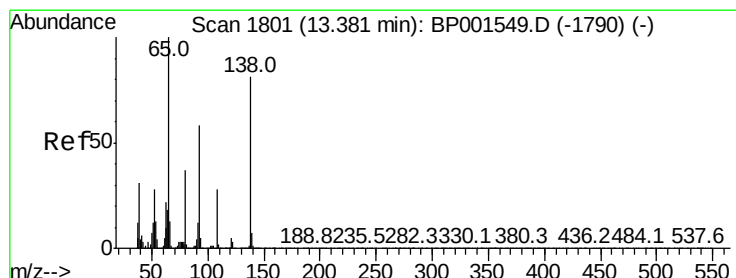
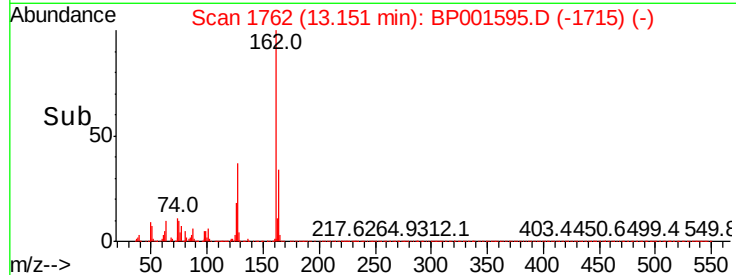
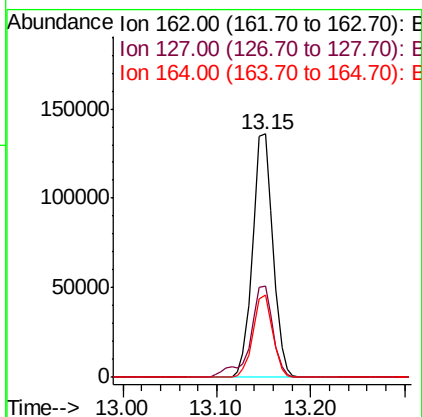
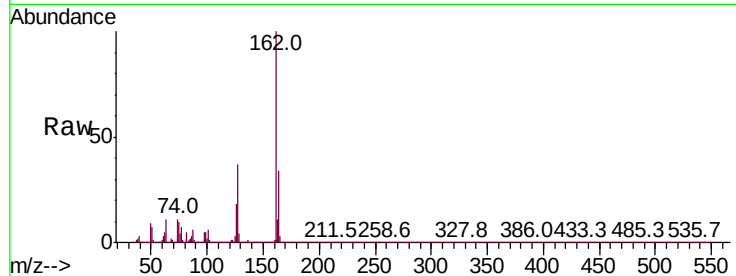




#47
2-Chloronaphthalene
Concen: 49.934 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

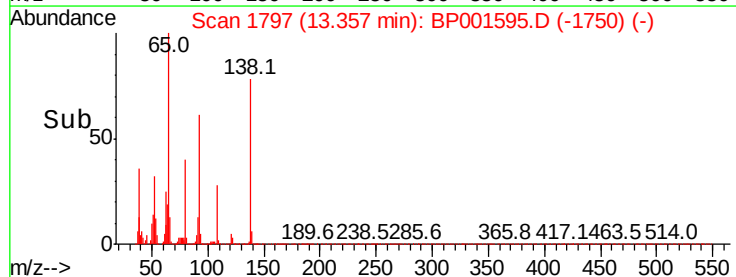
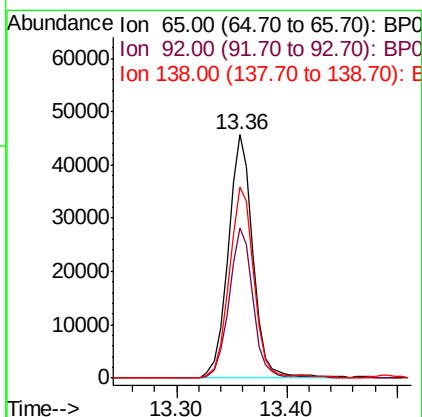
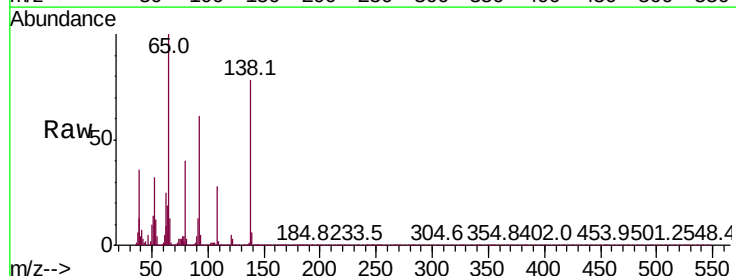
Instrument :
BNA_P
ClientSampleId :

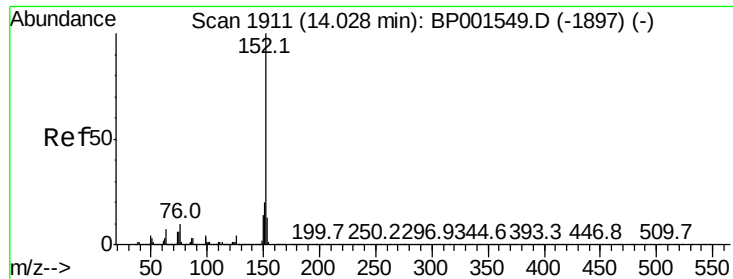
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.9	44.9
164	33.8	26.0	39.0



#48
2-Nitroaniline
Concen: 44.696 ng
RT: 13.36 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.4	46.2	69.2
138	78.3	64.7	97.1





#49

Acenaphthylene

Concen: 50.716 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

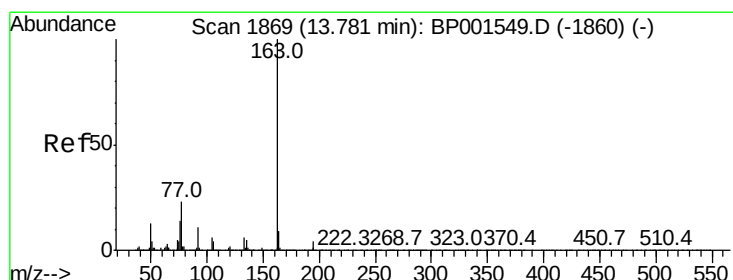
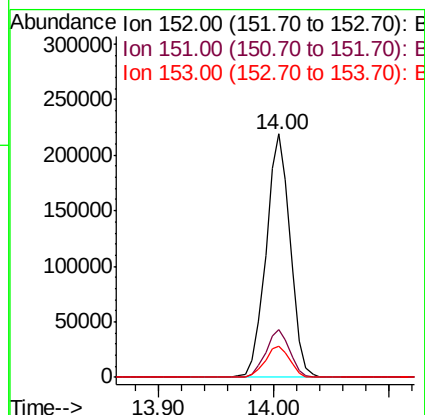
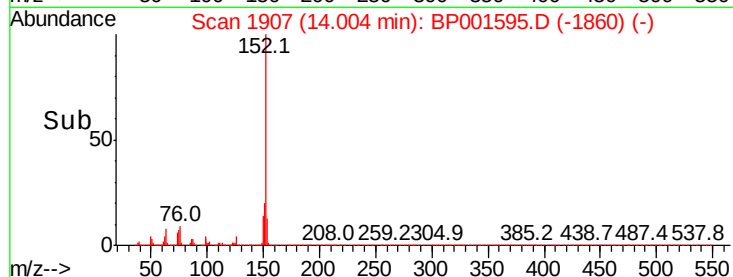
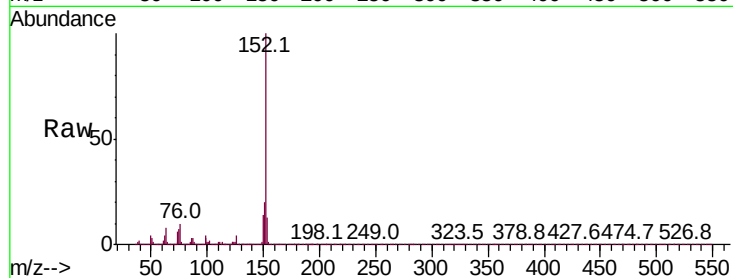
Tot Ion:152 Resp: 319559

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 45.007 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

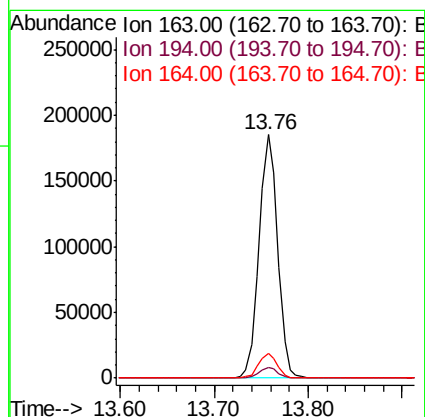
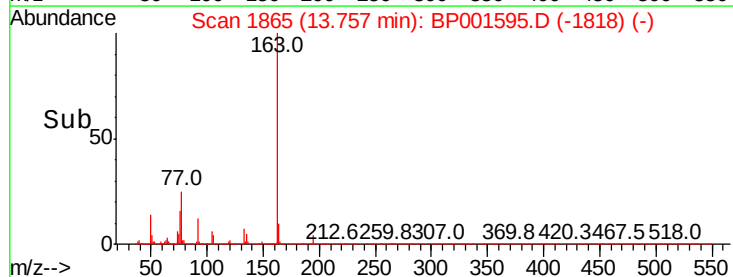
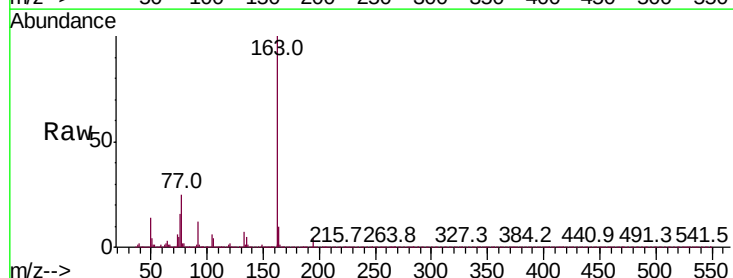
Tgt Ion:163 Resp: 254301

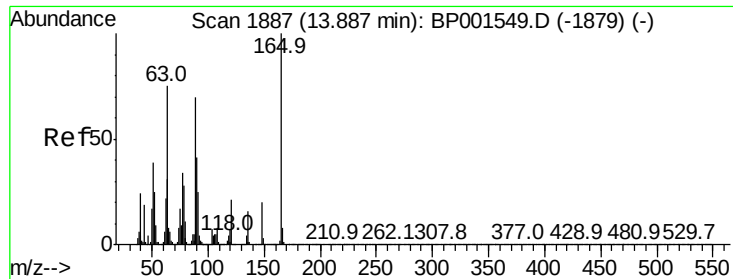
Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 10.3 7.5 11.3

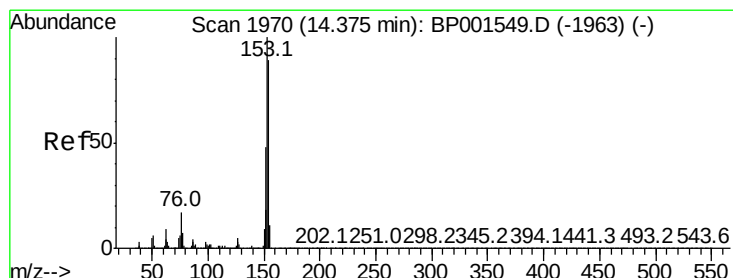
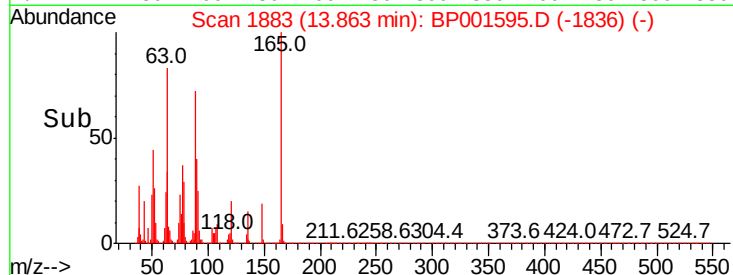
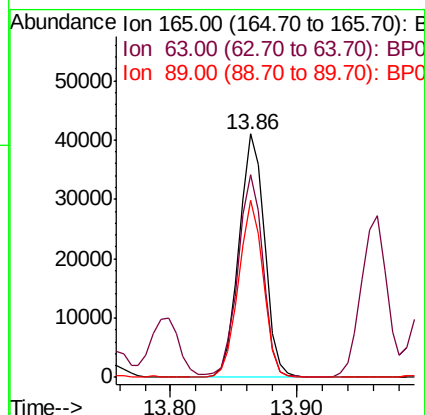
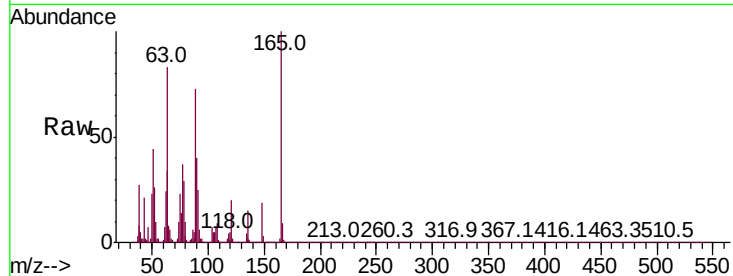




#51
 2,6-Dinitrotoluene
 Concen: 47.473 ng
 RT: 13.86 min Scan# 1883
 Delta R.T. -0.02 min
 Lab File: BP001595.D
 Acq: 14 Jan 2020 19:32

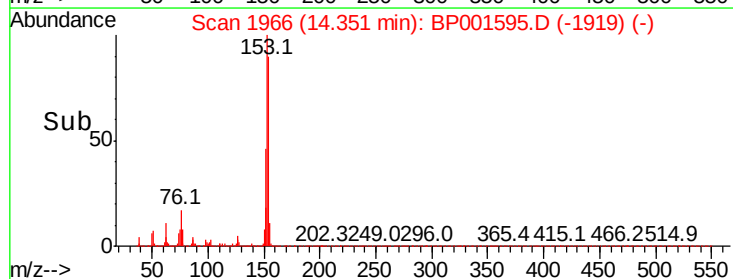
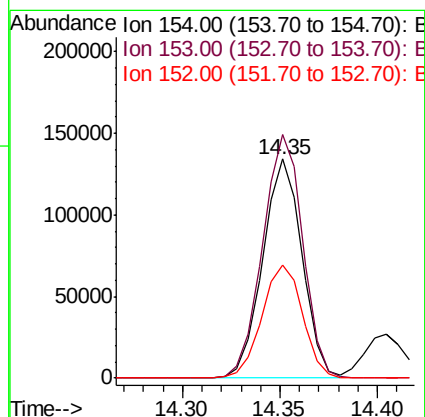
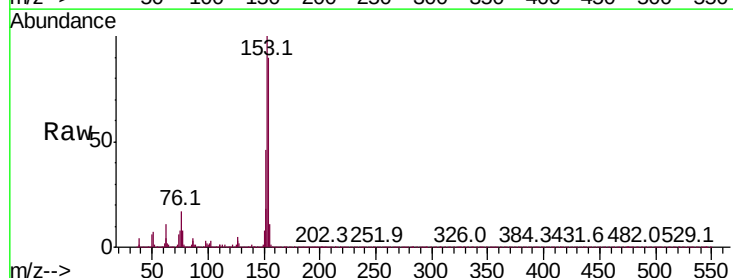
Instrument :
 BNA_P
 ClientSampleId :

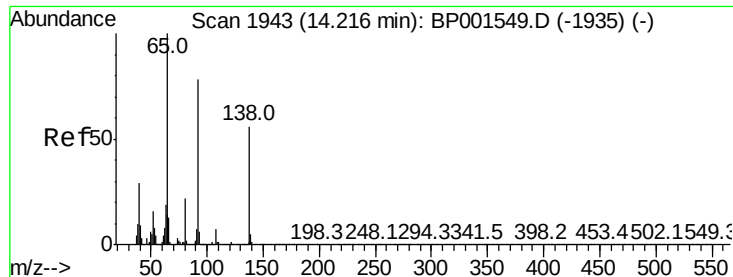
Tot Ion:165 Resp: 56881
 Ion Ratio Lower Upper
 165 100
 63 83.4 60.9 91.3
 89 72.5 55.7 83.5



#52
 Acenaphthene
 Concen: 48.054 ng
 RT: 14.35 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BP001595.D
 Acq: 14 Jan 2020 19:32

Tgt Ion:154 Resp: 187525
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.4 134.2
 152 51.5 42.6 64.0

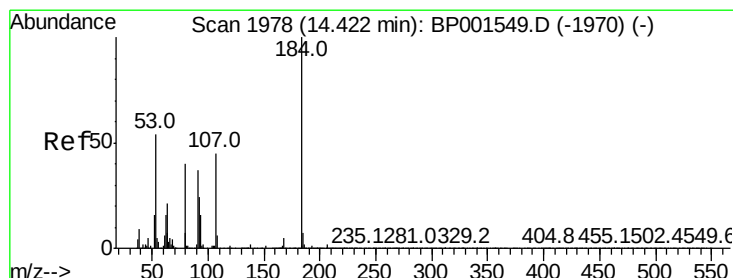
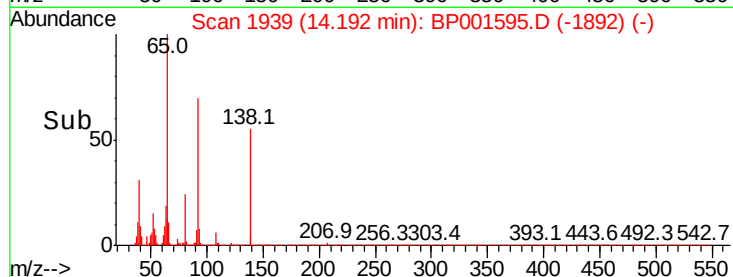
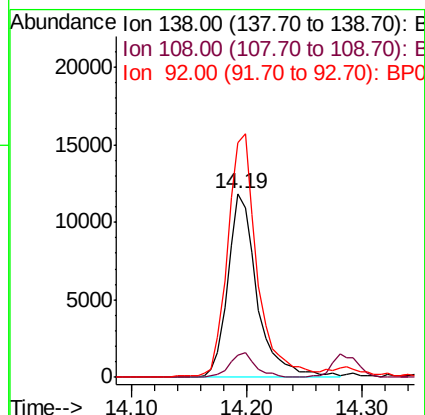
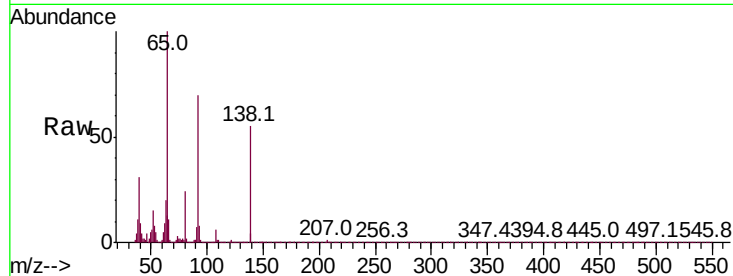




#53
3-Nitroaniline
Concen: 16.422 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

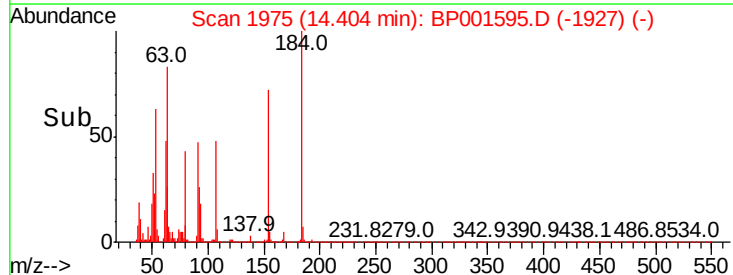
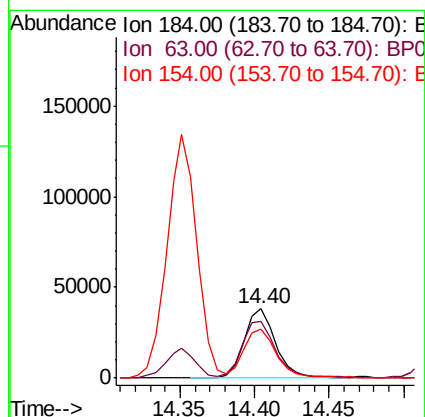
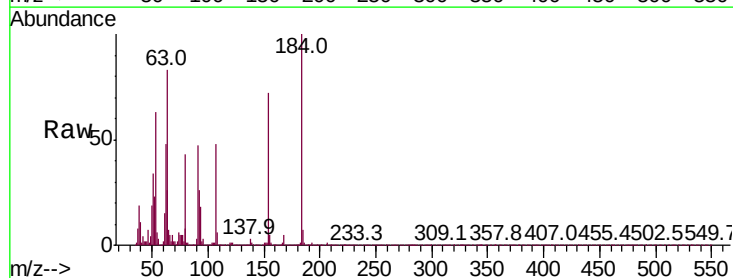
Instrument :
BNA_P
ClientSampled :

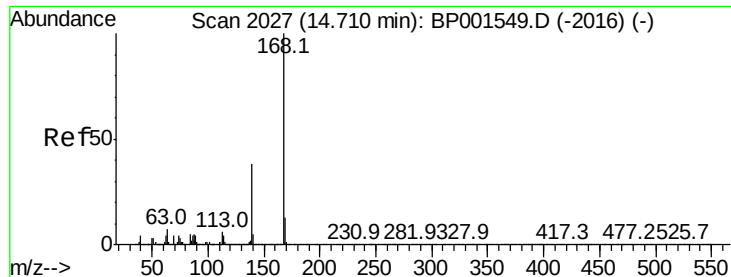
Tot Ion:138 Resp: 20775
Ion Ratio Lower Upper
138 100
108 11.8 9.9 14.9
92 127.8 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 82.201 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:184 Resp: 55379
Ion Ratio Lower Upper
184 100
63 83.0 59.7 89.5
154 71.7 53.9 80.9





#55

Dibenzofuran

Concen: 48.624 ng

RT: 14.69 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

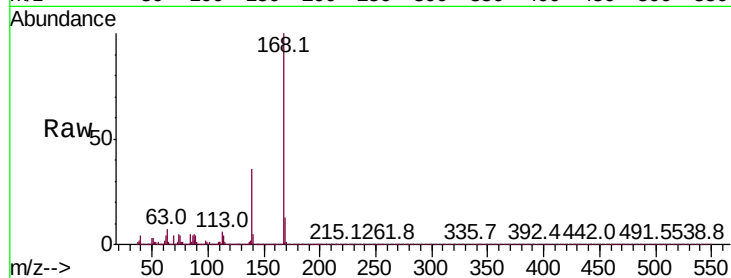
Tot Ion:168 Resp: 320869

Ion Ratio Lower Upper

168 100

139 36.1 30.2 45.4

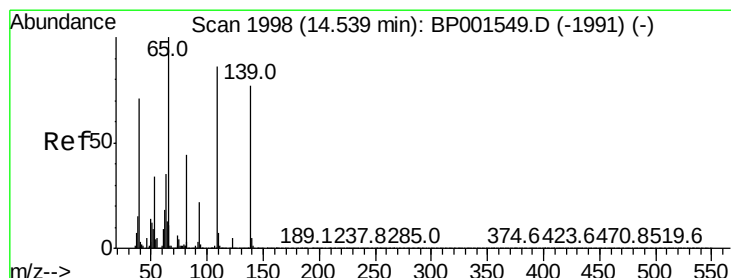
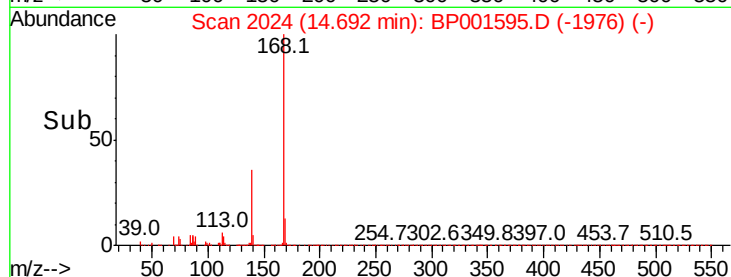
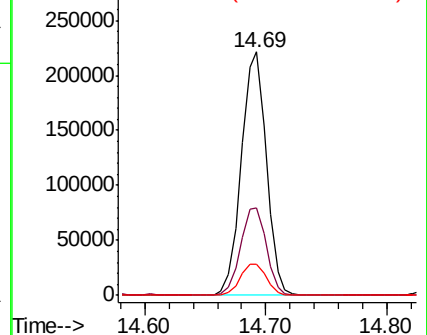
169 12.8 10.6 16.0



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: 72.201 ng

RT: 14.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

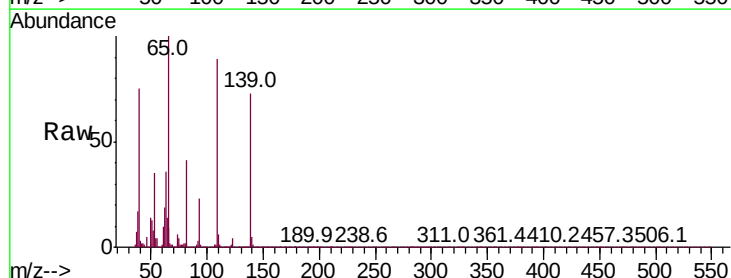
Tgt Ion:139 Resp: 72938

Ion Ratio Lower Upper

139 100

109 122.0 92.7 132.7

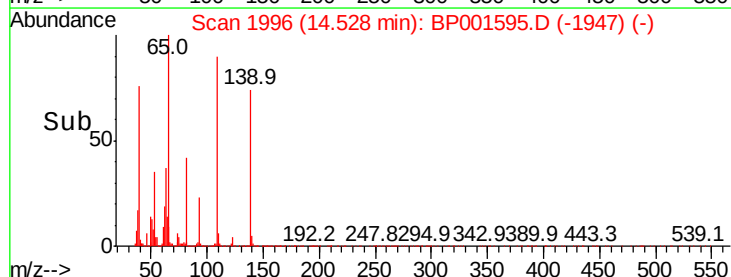
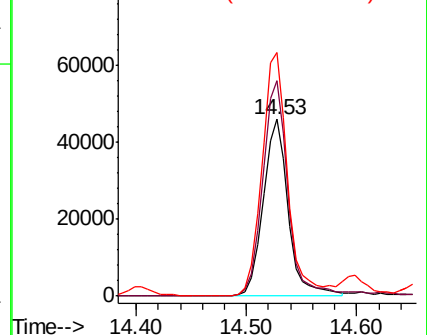
65 137.8 111.1 151.1

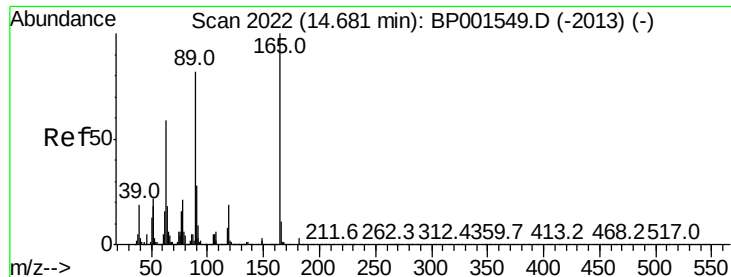


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

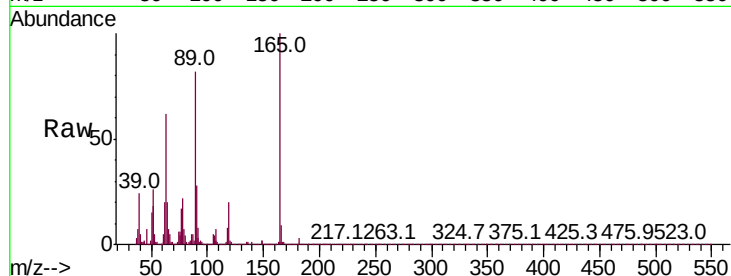




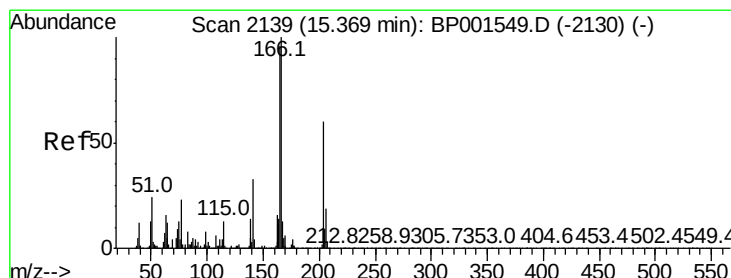
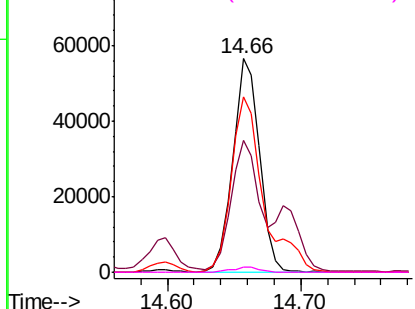
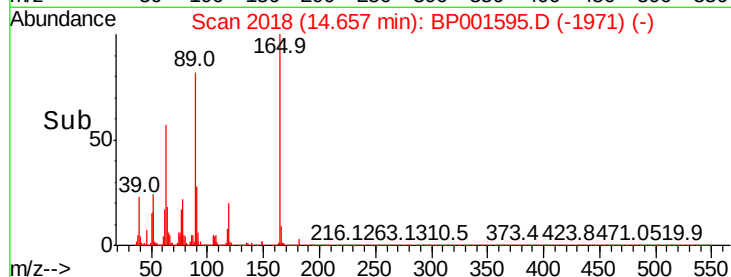
#57
2,4-Dinitrotoluene
Concen: 44.822 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 78581
Ion Ratio Lower Upper
165 100
63 61.5 47.3 70.9
89 82.4 65.4 98.0
182 2.6 2.5 3.7

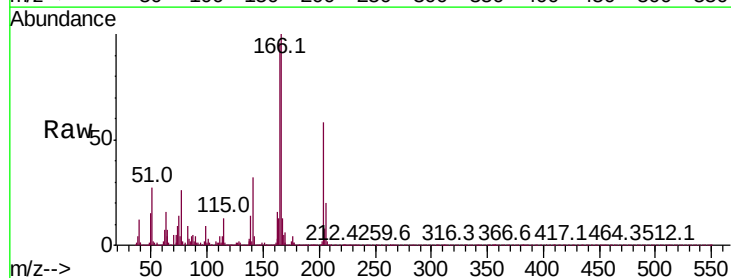


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

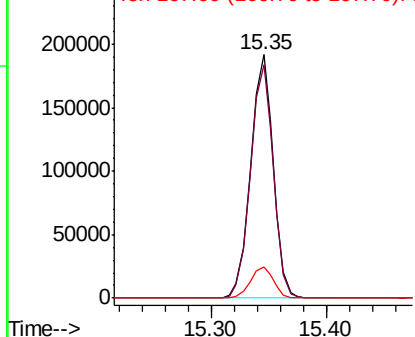
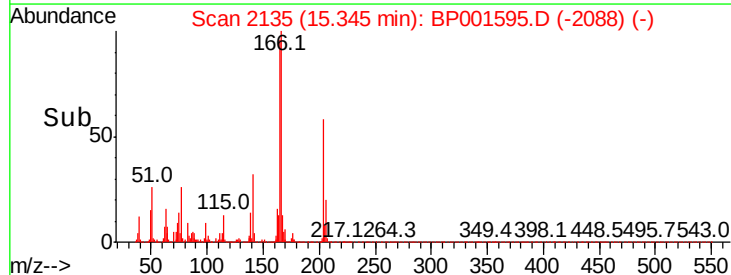


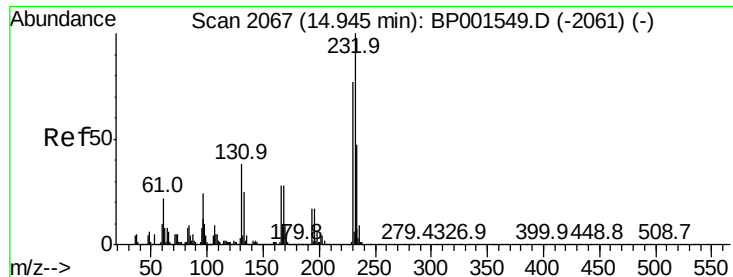
#58
Fluorene
Concen: 48.553 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:166 Resp: 259265
Ion Ratio Lower Upper
166 100
165 95.9 76.9 115.3
167 13.0 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

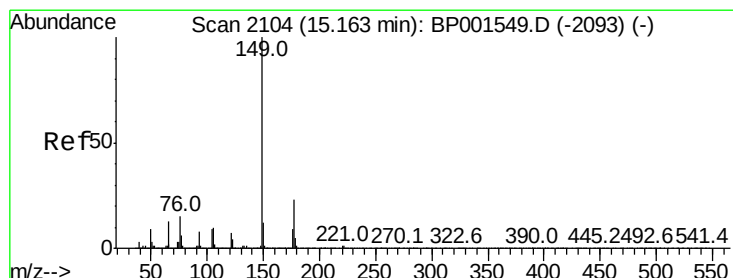
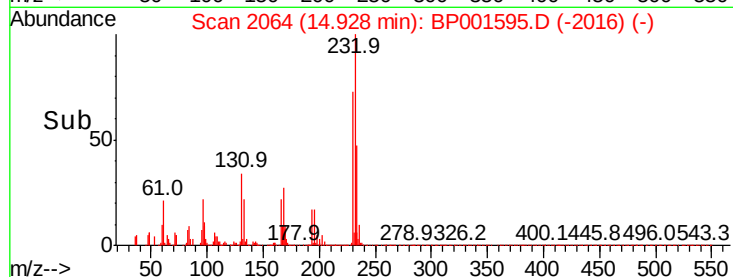
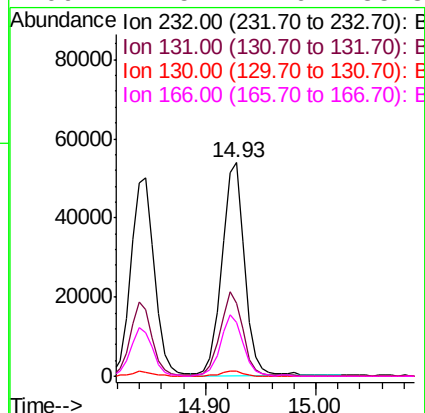
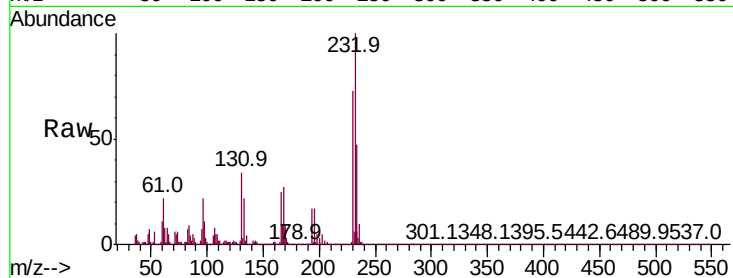




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.705 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

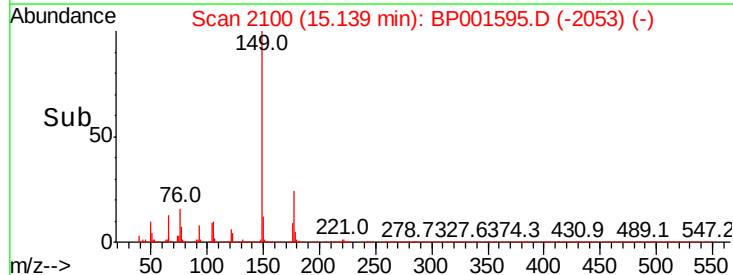
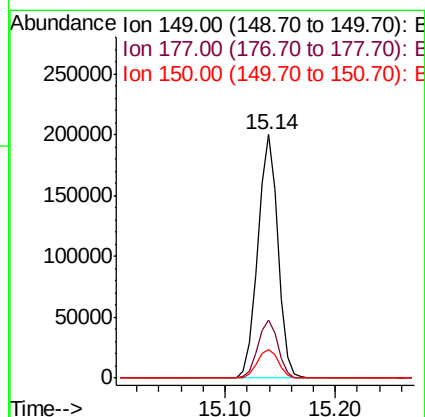
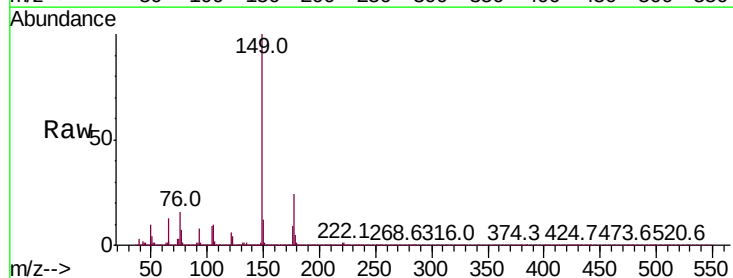
Instrument :
BNA_P
ClientSampleId :

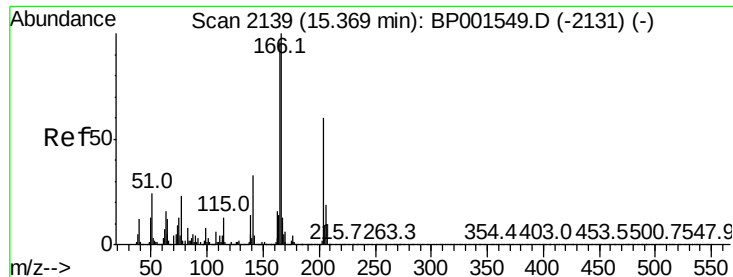
Tot Ion:	232	Resp:	77671
Ion	Ratio	Lower	Upper
232	100		
131	39.1	31.3	46.9
130	2.3	2.0	3.0
166	27.5	22.6	33.8



#60
Diethylphthalate
Concen: 43.891 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:	149	Resp:	255069
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	11.9	10.0	15.0

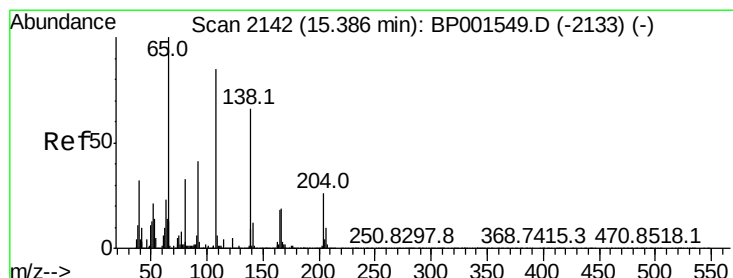
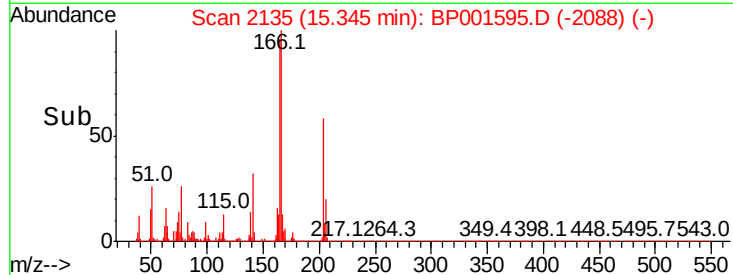
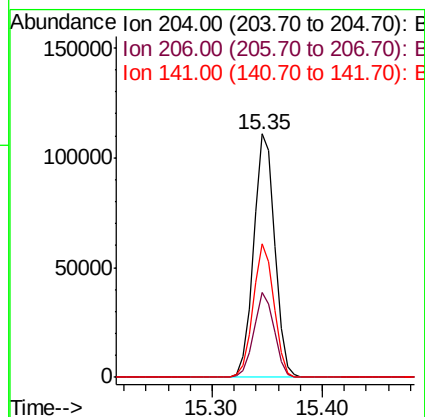
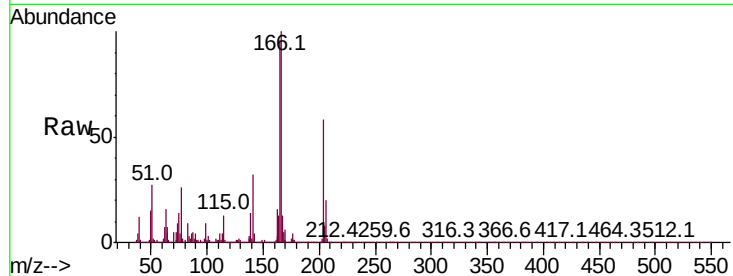




#61
4-Chlorophenyl-phenylether
Concen: 48.551 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

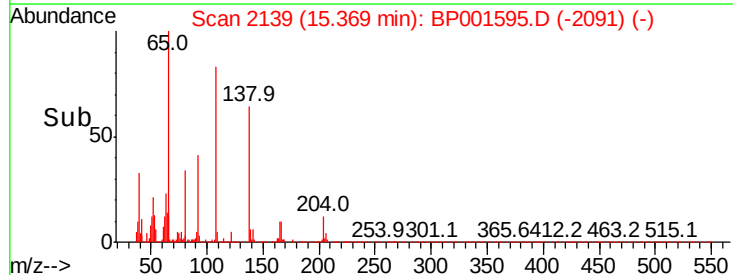
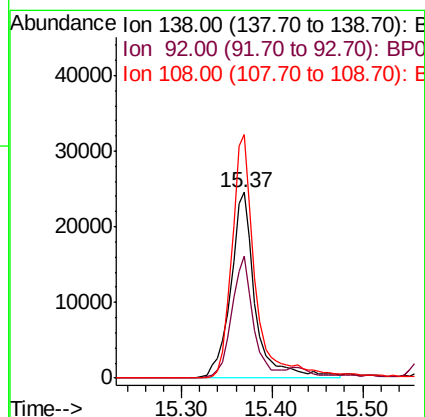
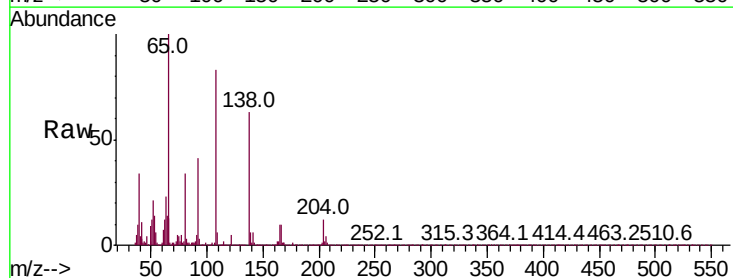
Instrument :
BNA_P
ClientSampled :

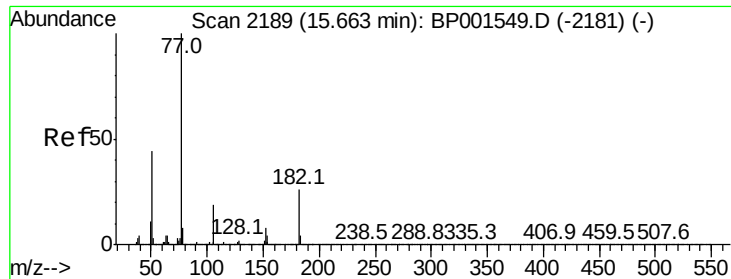
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.4	38.0
141	54.6	43.8	65.6



#62
4-Nitroaniline
Concen: 32.158 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.4	42.7	82.7
108	131.2	108.6	148.6

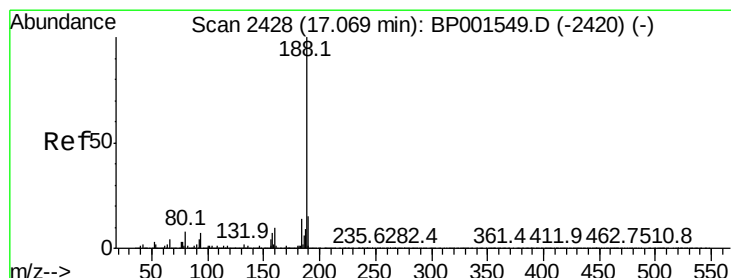
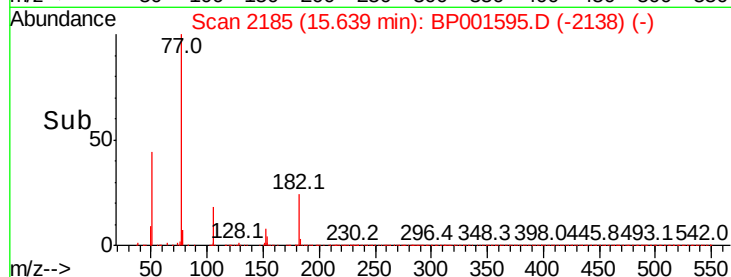
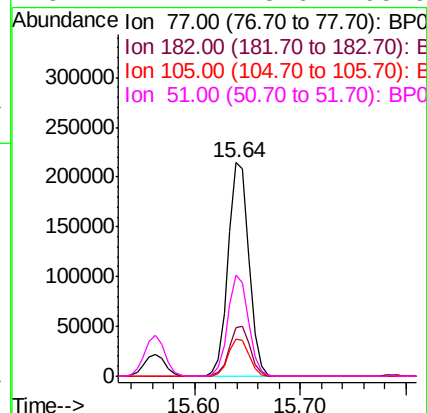
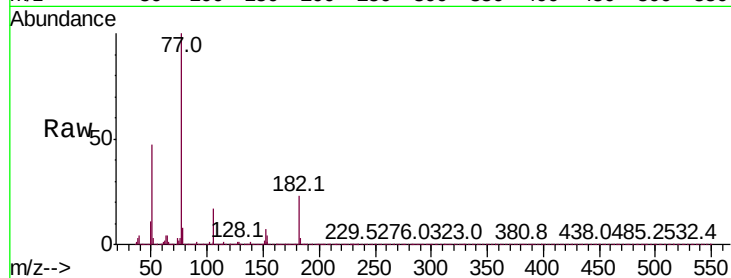




#63
Azobenzene
Concen: 50.273 ng
RT: 15.64 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

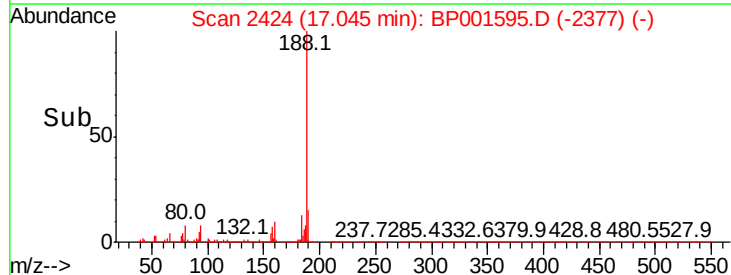
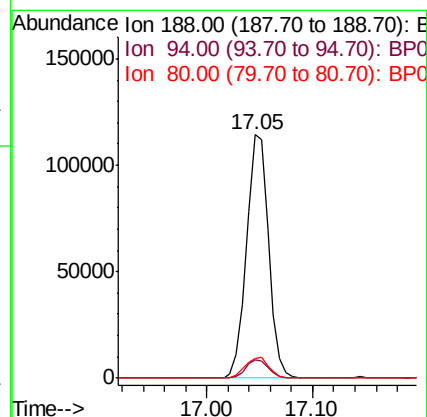
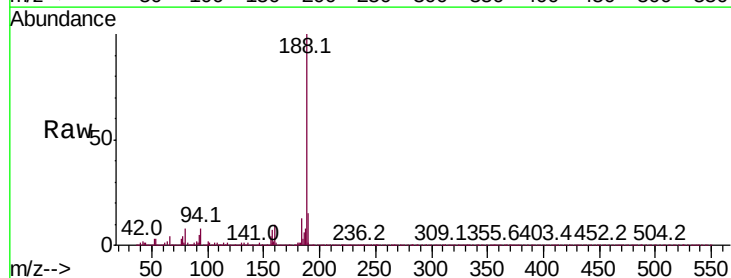
Instrument :
BNA_P
ClientSampleId :

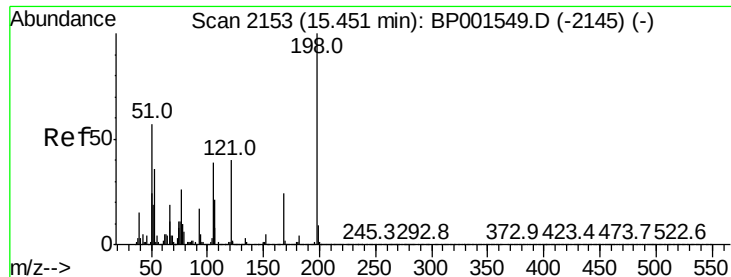
Tot Ion:	77	Resp:	291918
Ion	Ratio	Lower	Upper
77	100		
182	22.8	5.8	45.8
105	17.2	0.0	39.3
51	47.2	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:	188	Resp:	164541
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.9	8.9
80	8.3	6.8	10.2

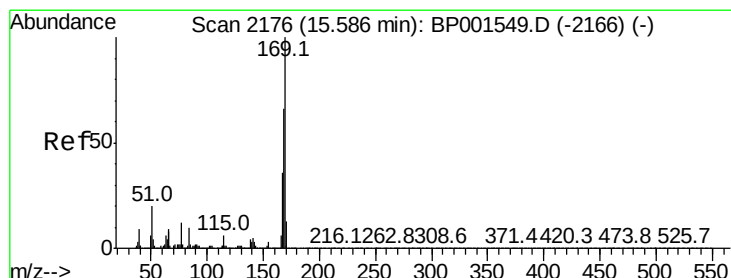
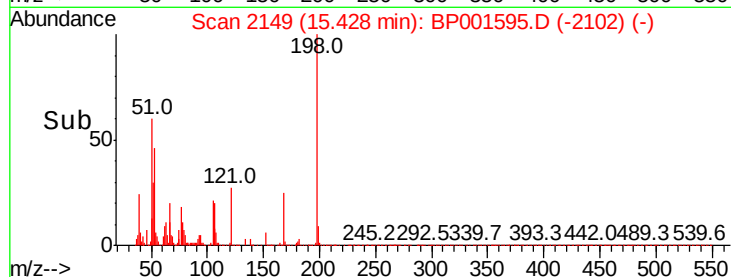
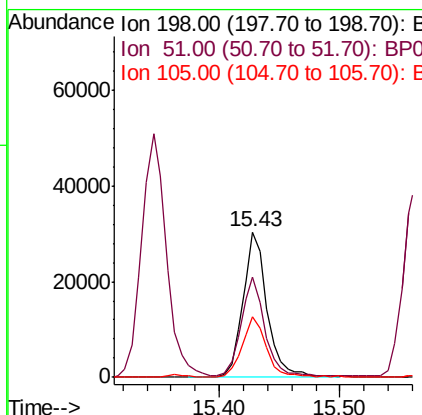
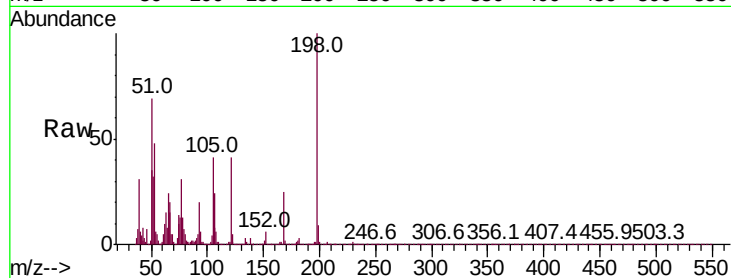




#65
4,6-Dinitro-2-methylphenol
Concen: 47.599 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

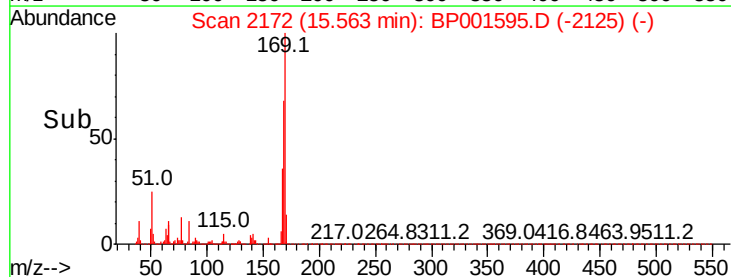
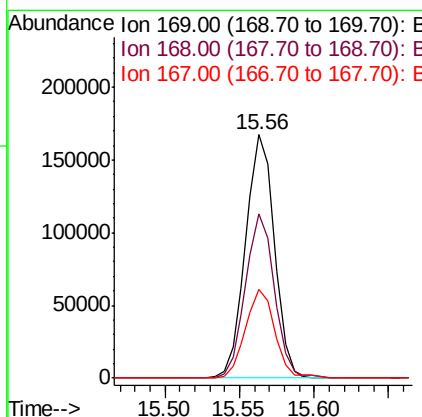
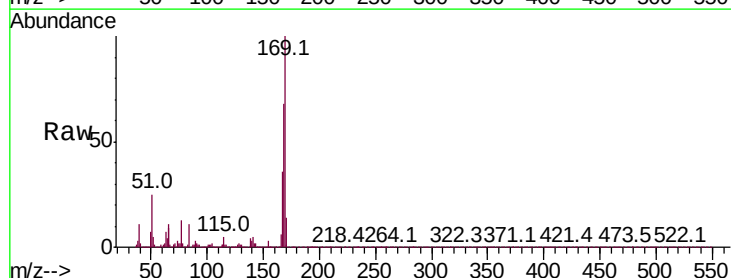
Instrument :
BNA_P
ClientSampleId :

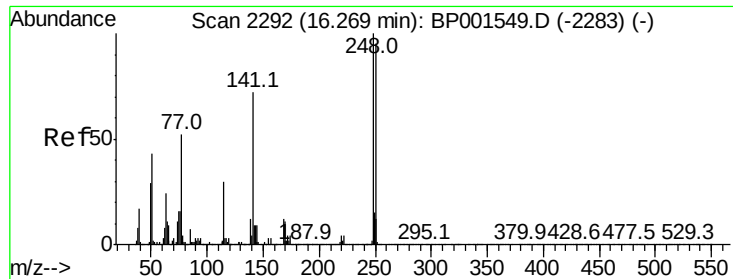
Tot Ion:198 Resp: 42344
Ion Ratio Lower Upper
198 100
51 68.9 39.4 79.4
105 41.5 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 51.190 ng
RT: 15.56 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:169 Resp: 223142
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 36.4 28.9 43.3

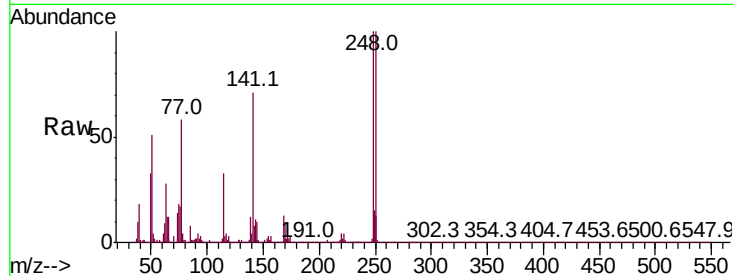




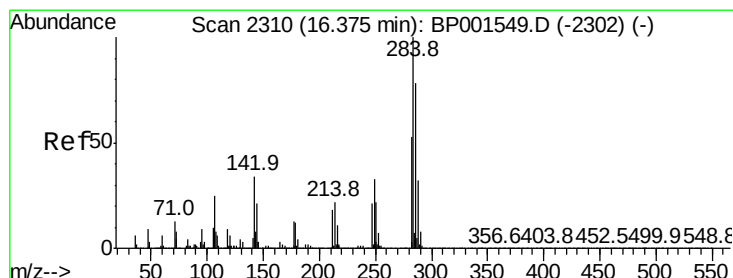
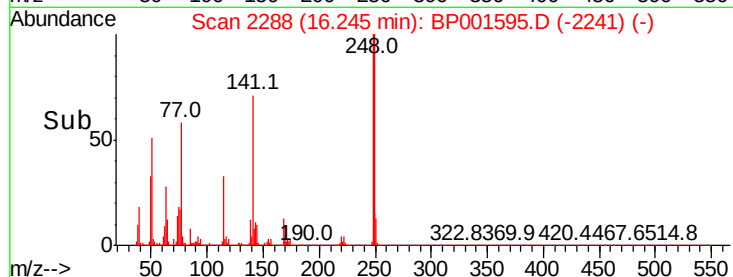
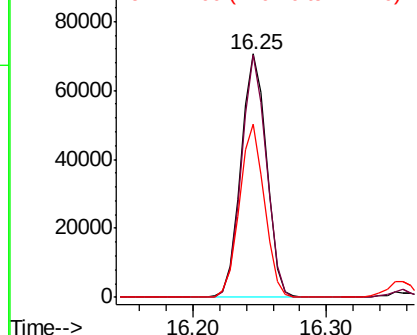
#67
4-Bromophenyl-phenylether
Concen: 50.570 ng
RT: 16.25 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 93870
Ion Ratio Lower Upper
248 100
250 99.7 76.0 114.0
141 71.0 57.8 86.8

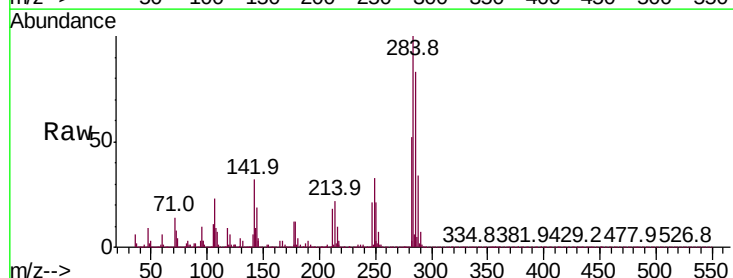


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

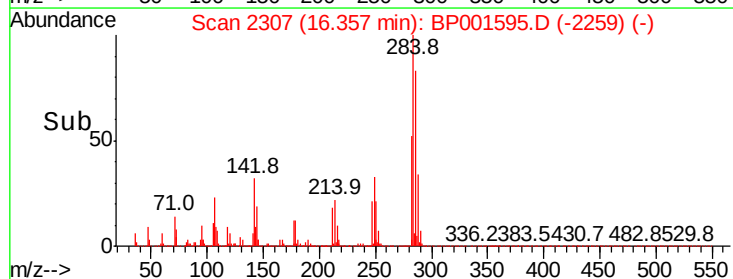
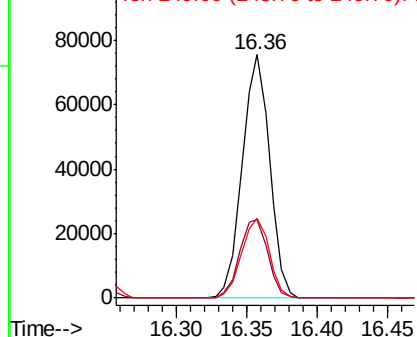


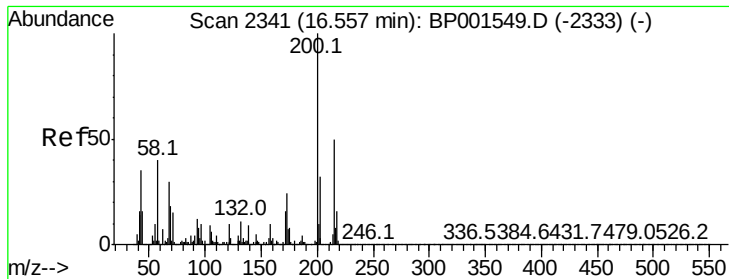
#68
Hexachlorobenzene
Concen: 47.423 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BP001595.D
Acq: 14 Jan 2020 19:32

Tgt Ion:284 Resp: 102274
Ion Ratio Lower Upper
284 100
142 32.4 27.4 41.2
249 32.7 26.8 40.2



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





#69

Atrazine

Concen: 57.681 ng

RT: 16.53 min Scan# 2337

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

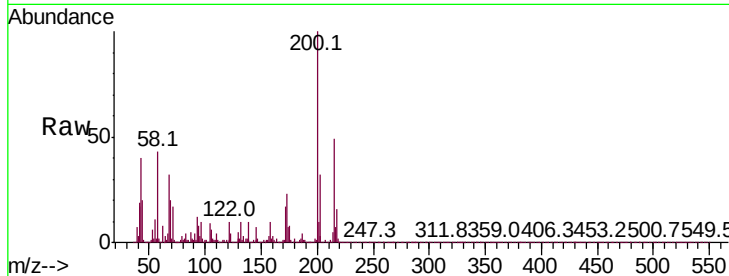
Tot Ion:200 Resp: 92343

Ion Ratio Lower Upper

200 100

173 23.5 3.5 43.5

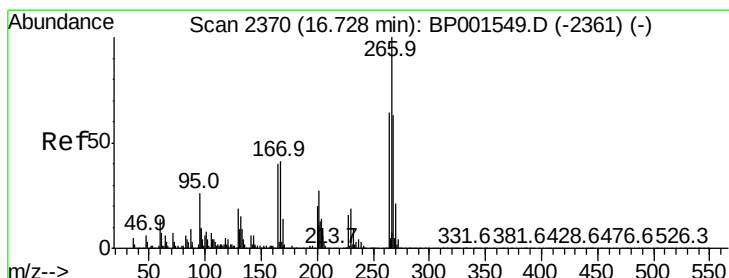
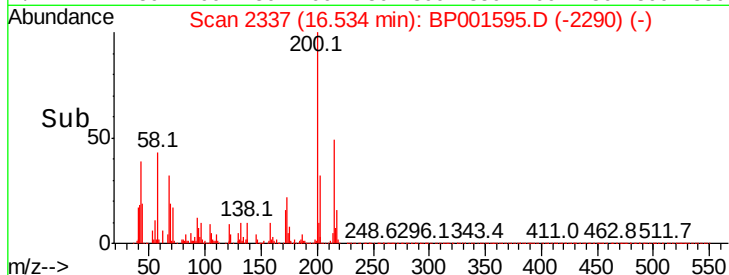
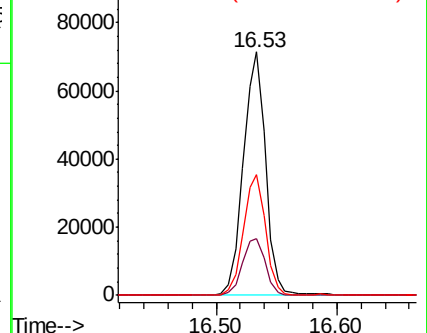
215 49.5 30.4 70.4



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: 99.031 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

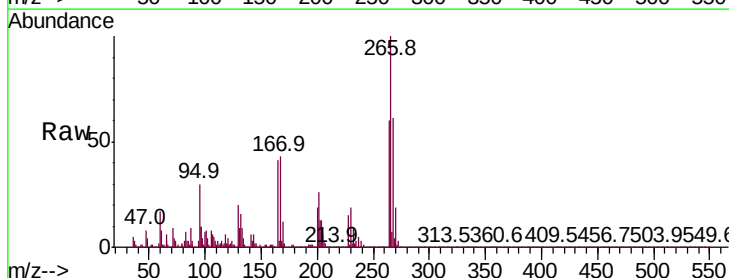
Tgt Ion:266 Resp: 117948

Ion Ratio Lower Upper

266 100

268 61.2 50.5 75.7

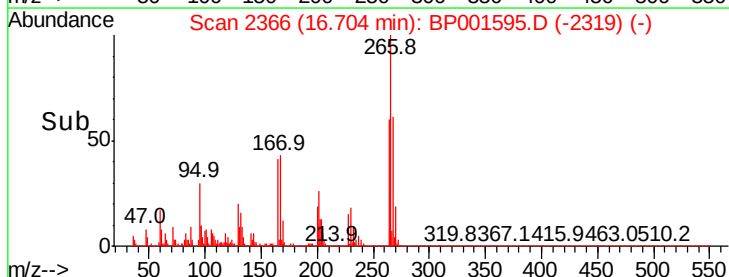
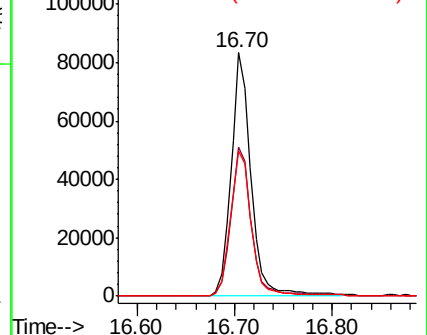
264 59.6 50.9 76.3

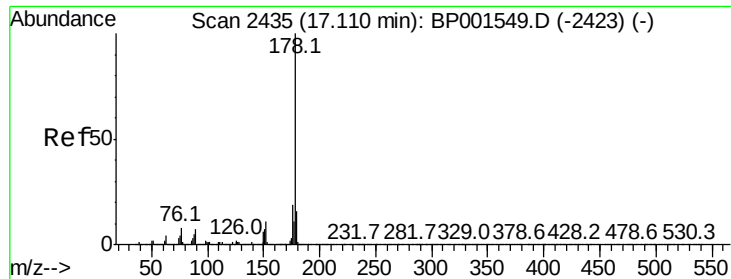


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.607 ng

RT: 17.09 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

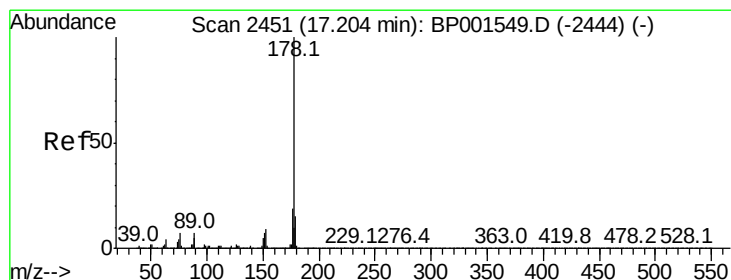
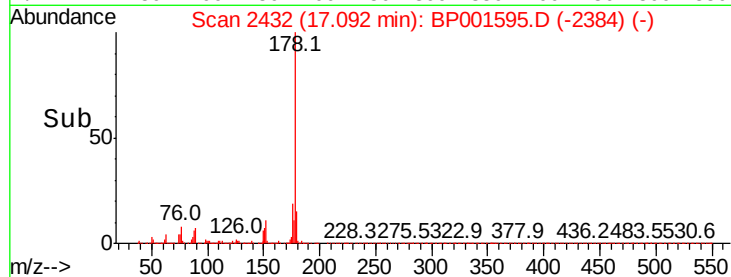
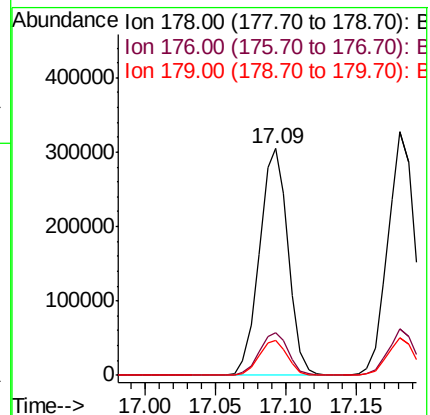
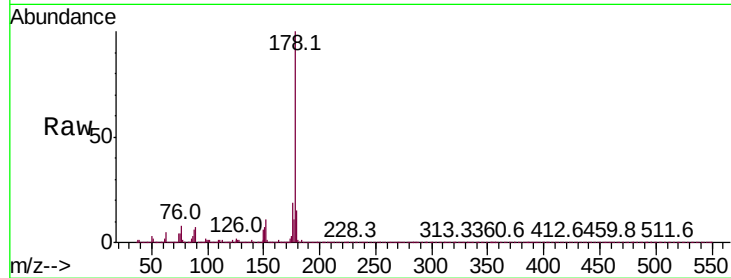
Tot Ion:178 Resp: 434949

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 12.5 18.7



#72

Anthracene

Concen: 50.609 ng

RT: 17.18 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

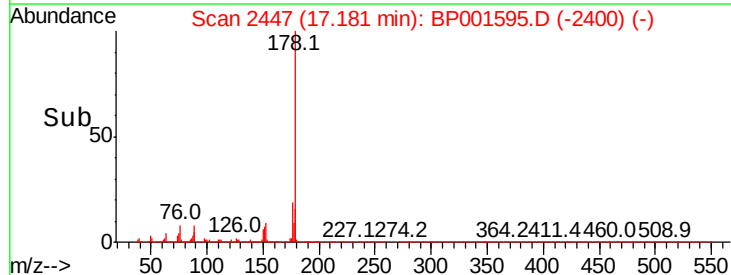
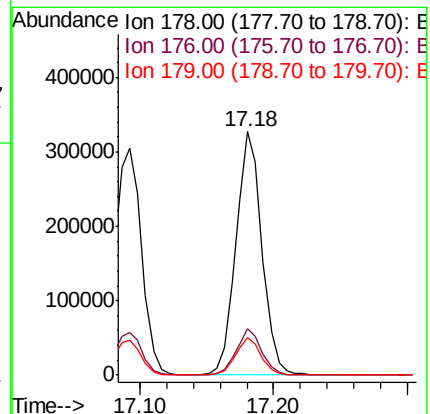
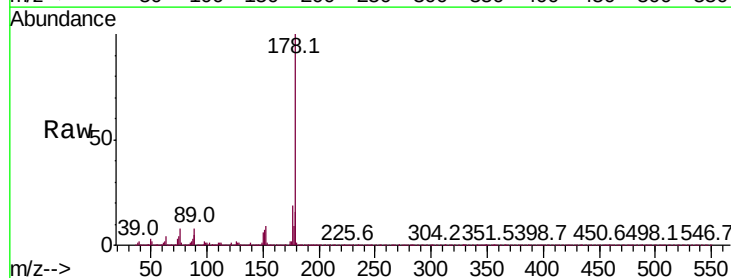
Tgt Ion:178 Resp: 440858

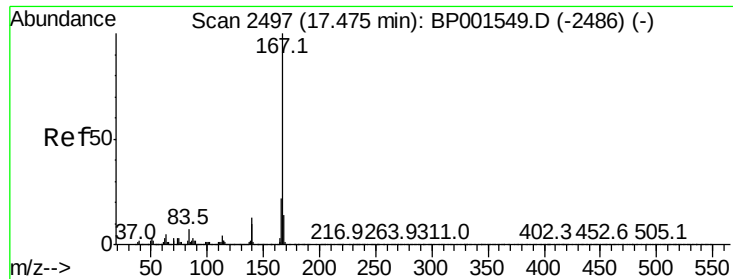
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.6 11.8 17.8





#73

Carbazole

Concen: 44.880 ng

RT: 17.46 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

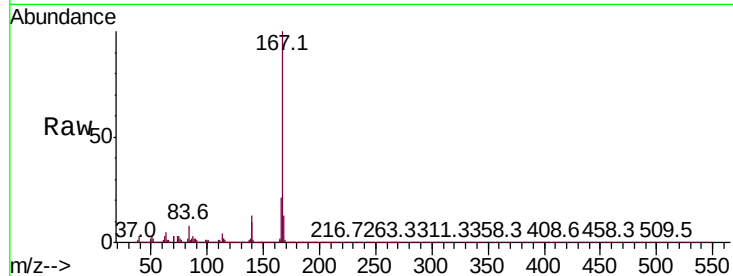
Tot Ion:167 Resp: 367044

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

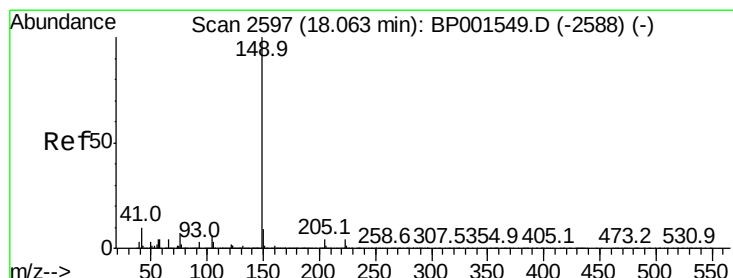
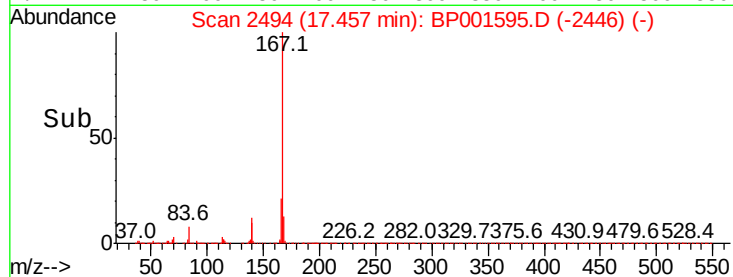
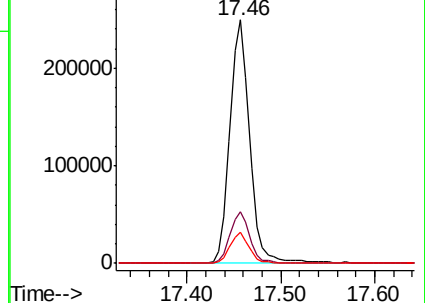
139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.223 ng

RT: 18.04 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

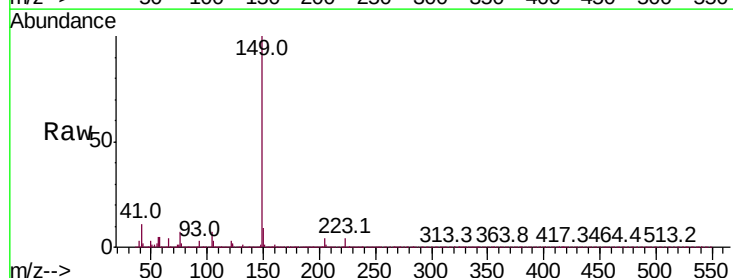
Tgt Ion:149 Resp: 447245

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

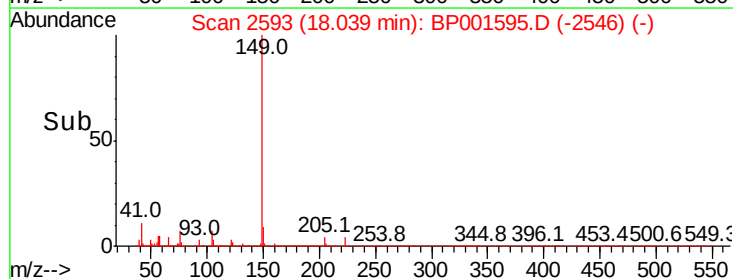
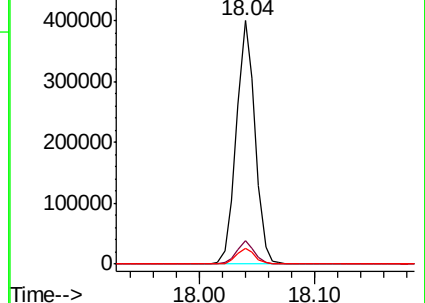
104 6.5 5.0 7.4

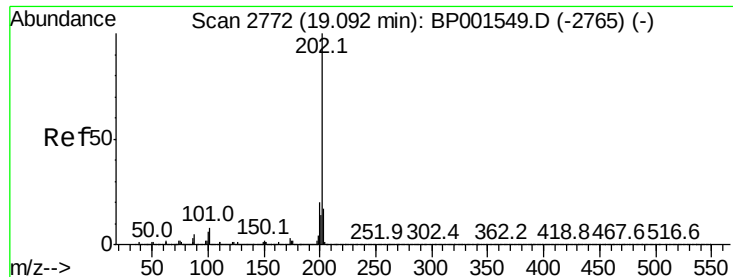


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.897 ng

RT: 19.07 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BP001595.D

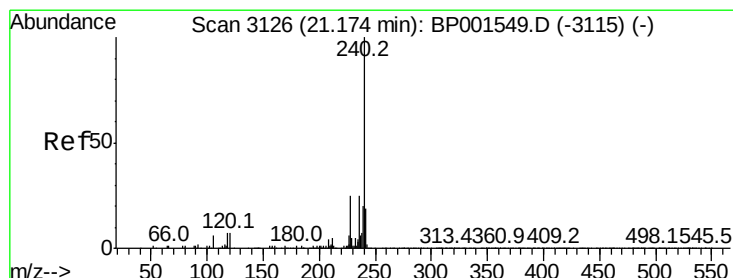
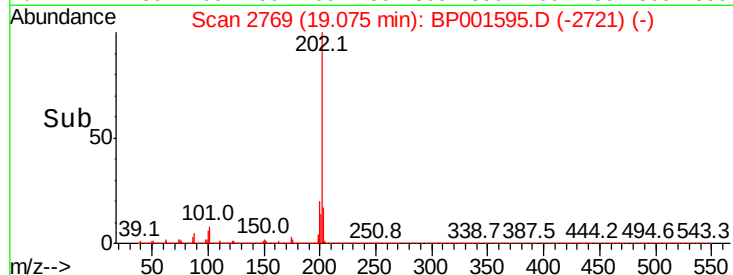
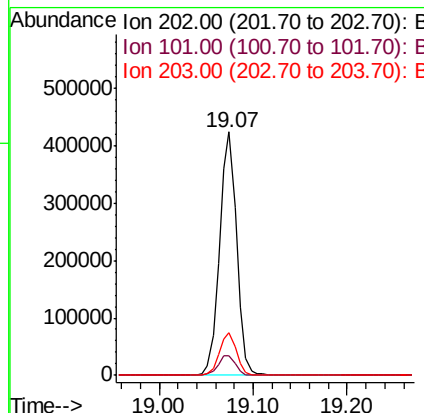
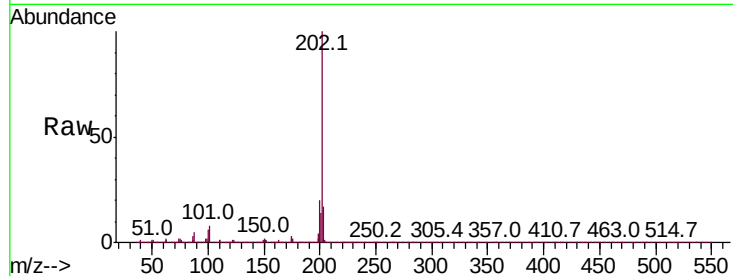
Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

Tot Ion:	202	Resp:	540407
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.4
203	17.4	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

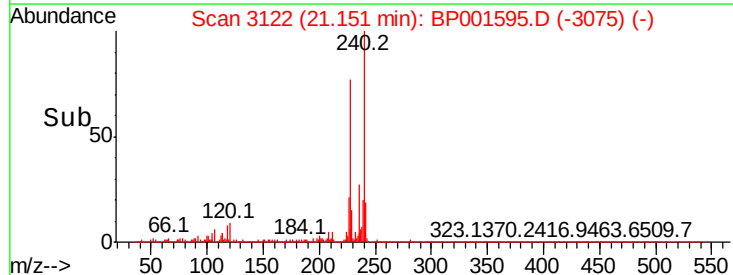
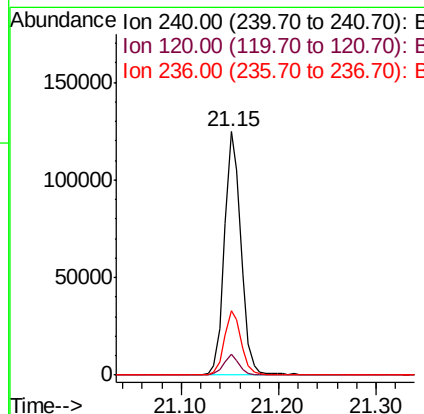
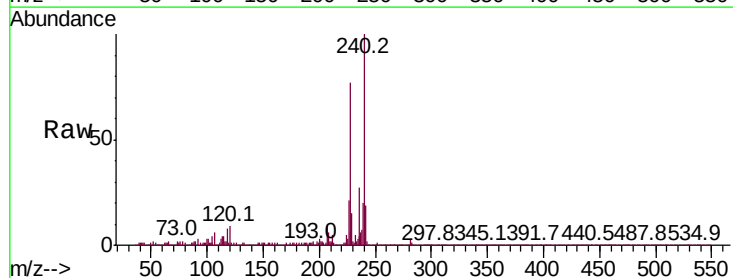
RT: 21.15 min Scan# 3122

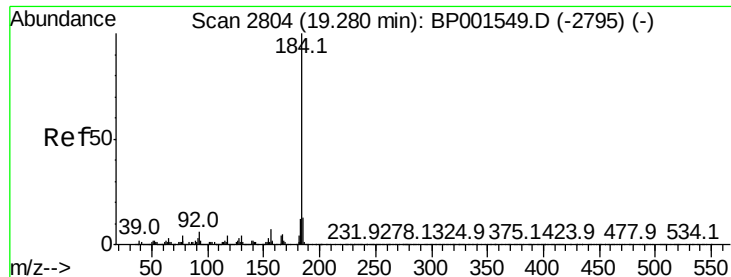
Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:	240	Resp:	147098
Ion Ratio	Lower	Upper	
240	100		
120	8.7	5.7	8.5#
236	26.7	20.4	30.6





#77

Benzidine

Concen: 35.067 ng

RT: 19.26 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

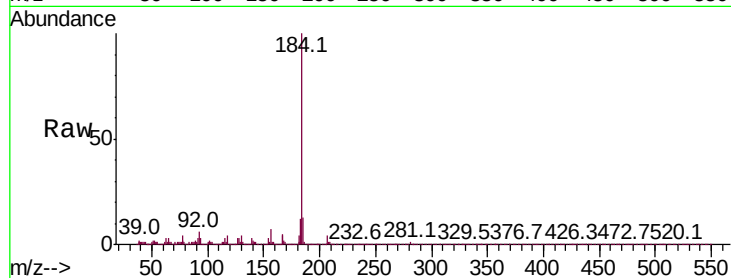
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 117781

Ion	Ratio	Lower	Upper
184	100		
185	13.0	10.6	16.0
183	11.7	9.4	14.0

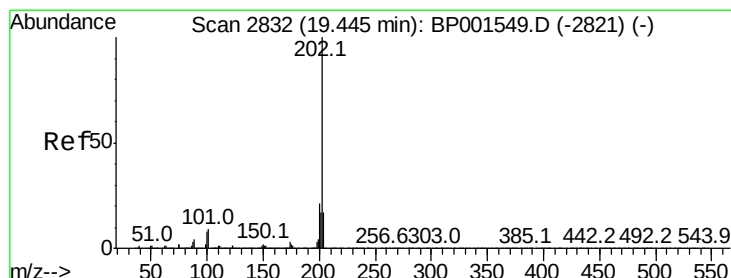
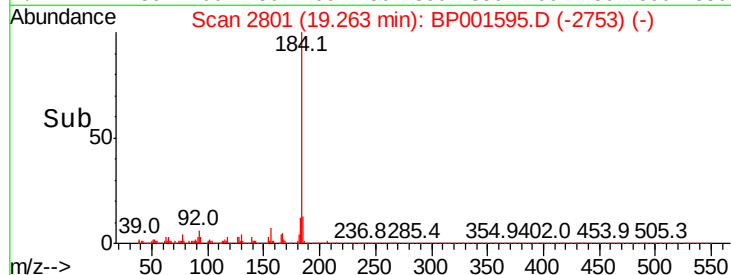
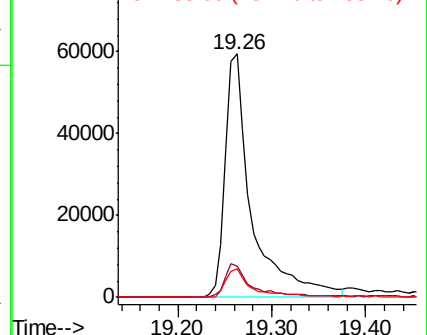


Abundance

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: 50.374 ng

RT: 19.42 min Scan# 2828

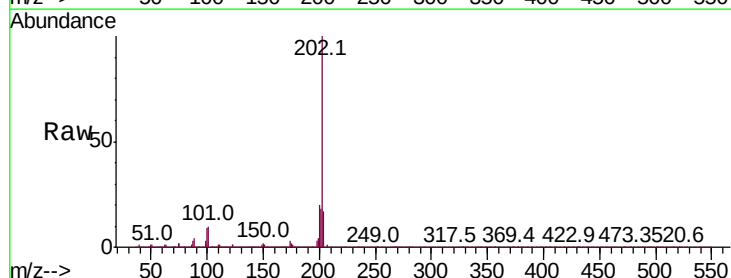
Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion:202 Resp: 544320

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.0	13.7	20.5

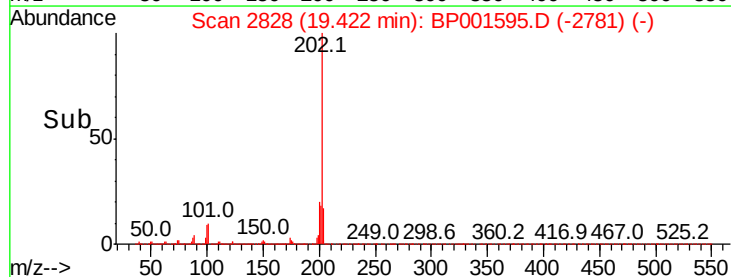
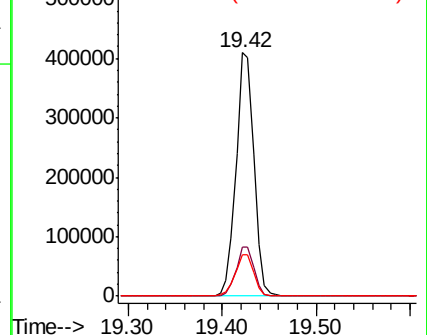


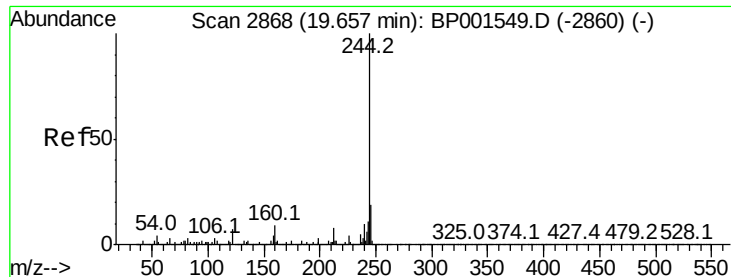
Abundance

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: 104.917 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

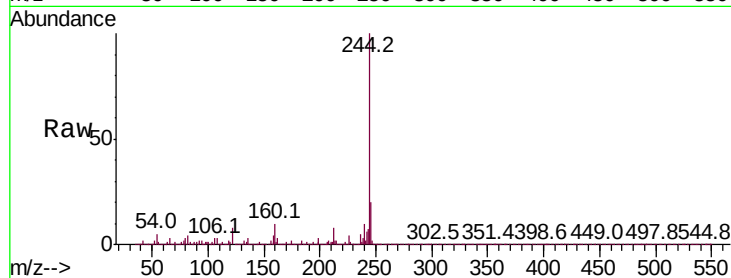
Tot Ion:244 Resp: 843785

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

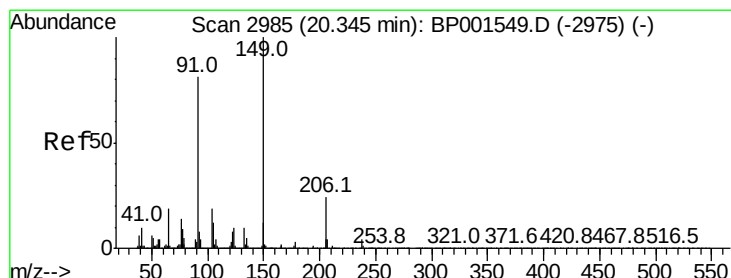
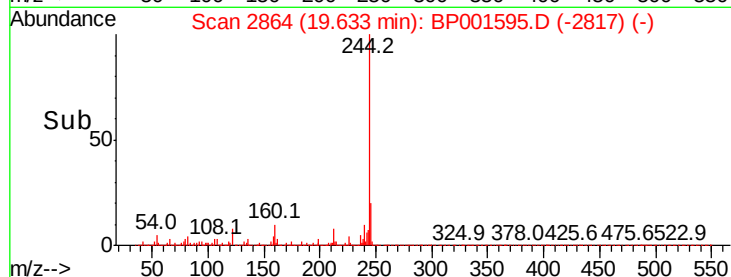
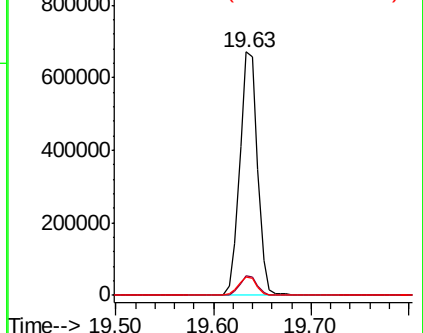
122 7.7 5.8 8.6



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: 47.268 ng

RT: 20.33 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

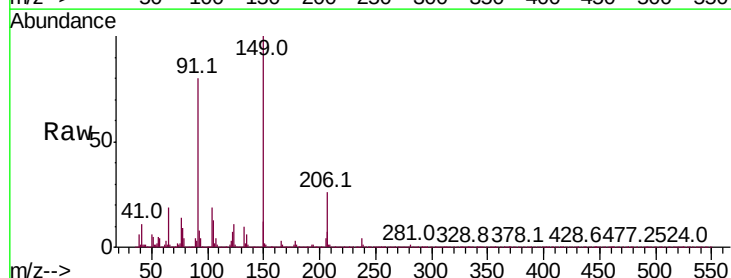
Tgt Ion:149 Resp: 194123

Ion Ratio Lower Upper

149 100

91 80.1 64.8 97.2

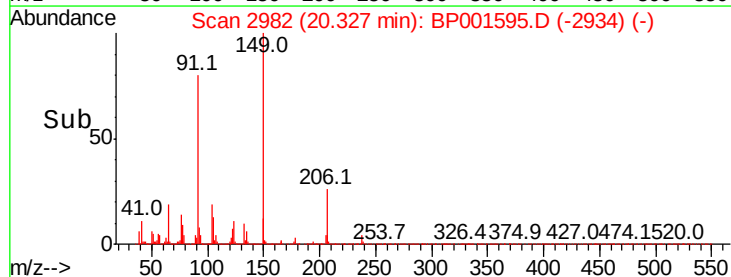
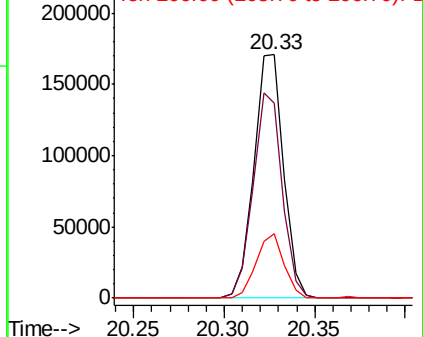
206 26.3 19.4 29.0

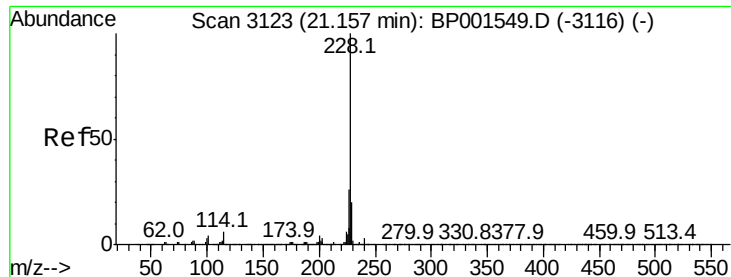


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.324 ng

RT: 21.14 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

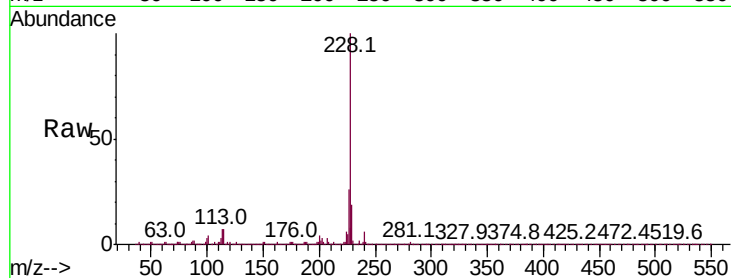
Tot Ion:228 Resp: 495058

Ion Ratio Lower Upper

228 100

226 26.2 21.2 31.8

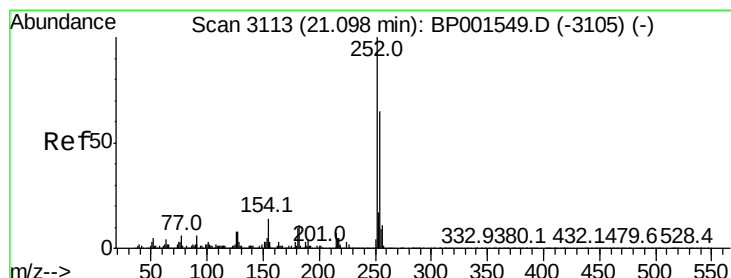
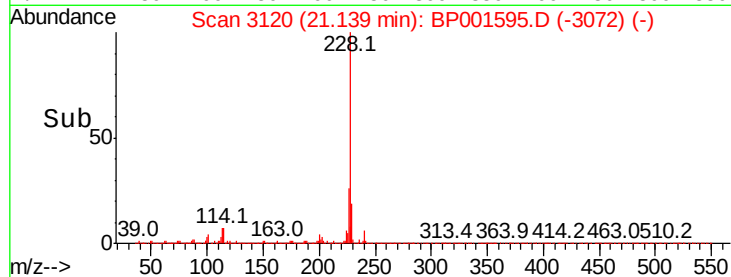
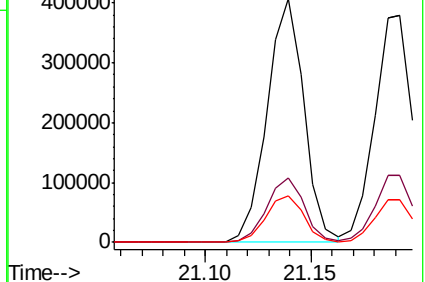
229 19.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.314 ng

RT: 21.07 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

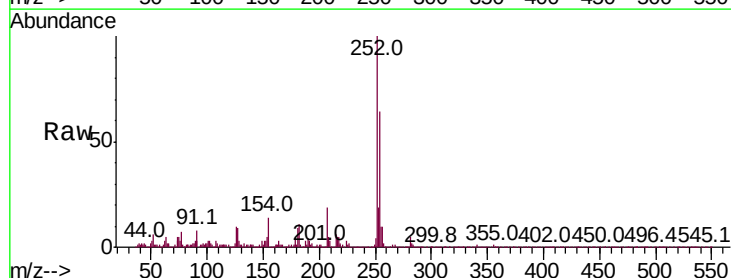
Tgt Ion:252 Resp: 85719

Ion Ratio Lower Upper

252 100

254 63.5 52.2 78.2

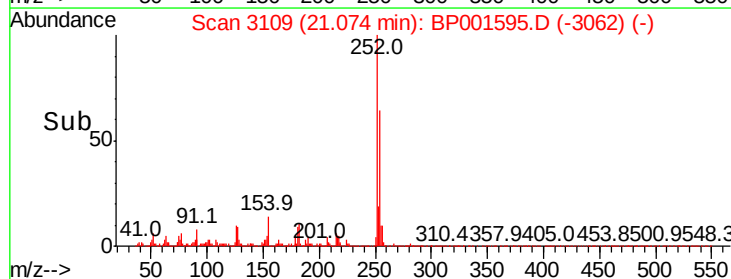
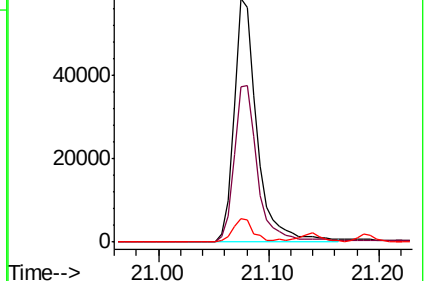
126 9.6 6.6 9.8

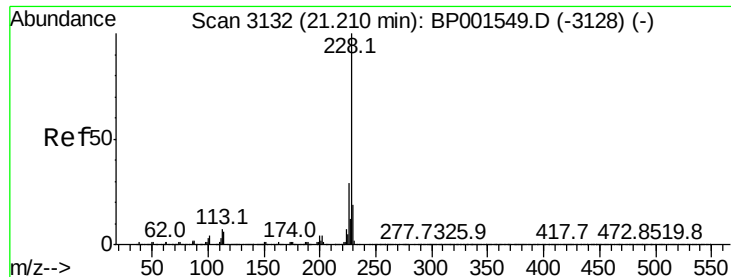


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.694 ng

RT: 21.19 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

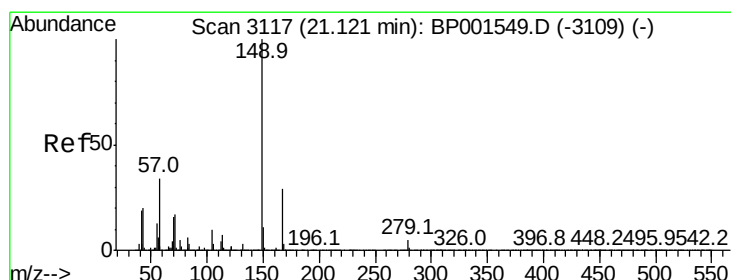
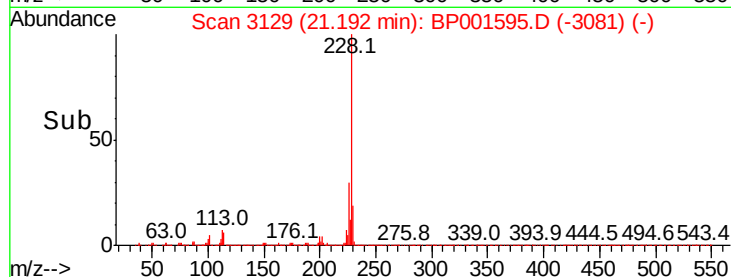
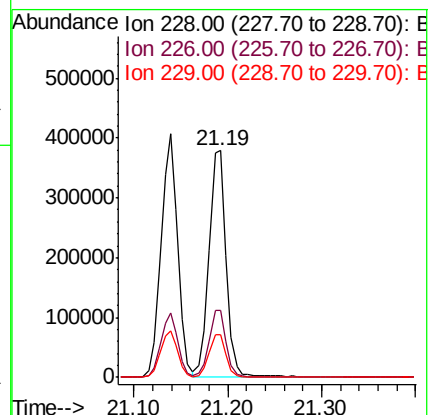
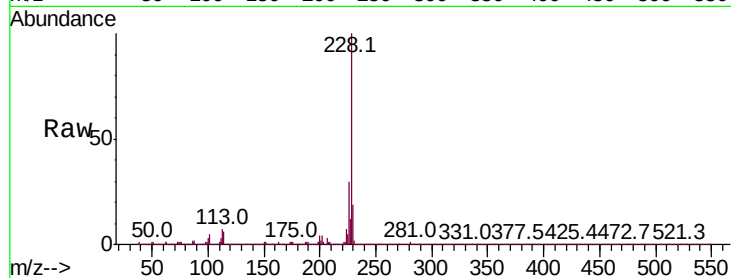
Tot Ion:228 Resp: 486141

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	18.8	15.2	22.8

228 100

226 29.6 23.2 34.8

229 18.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.751 ng

RT: 21.10 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

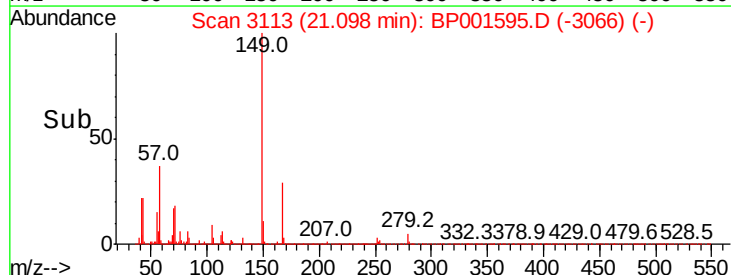
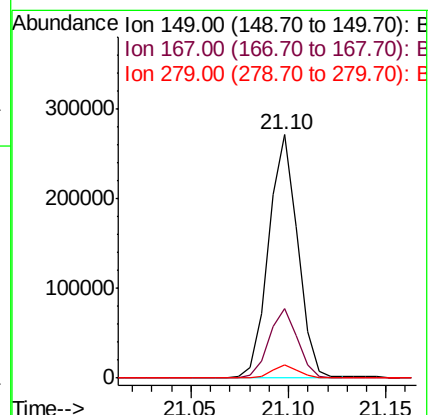
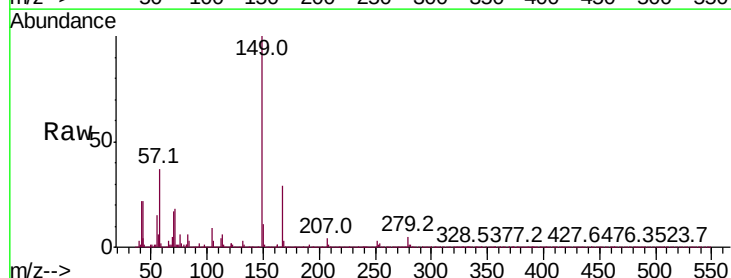
Tgt Ion:149 Resp: 280097

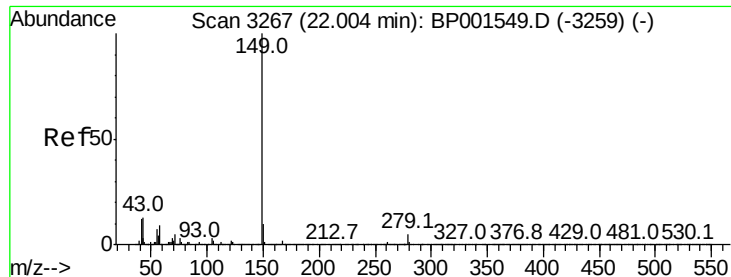
Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.5	35.3
279	5.2	4.0	6.0

149 100

167 28.7 23.5 35.3

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.407 ng

RT: 21.97 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

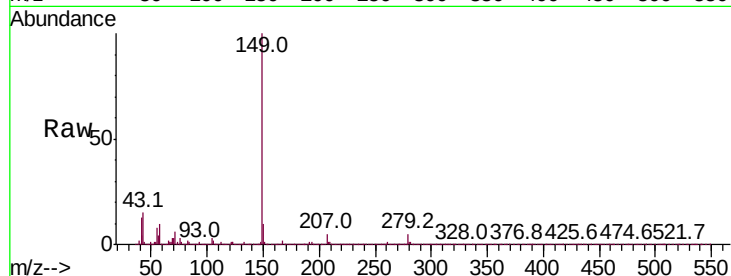
Tot Ion:149 Resp: 452499

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

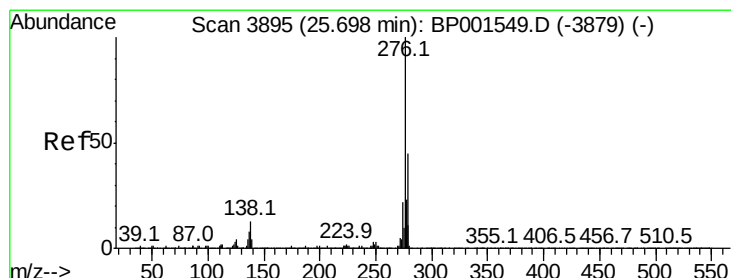
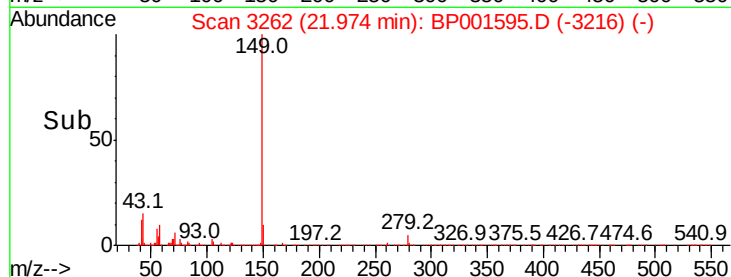
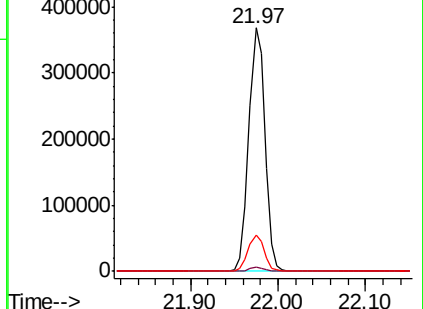
43 14.8 10.7 16.1



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: 44.344 ng

RT: 25.65 min Scan# 3887

Delta R.T. -0.05 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

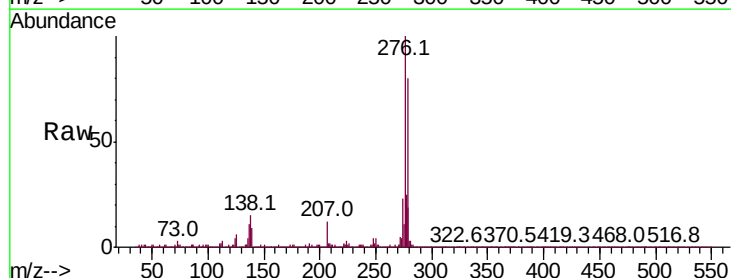
Tgt Ion:276 Resp: 518231

Ion Ratio Lower Upper

276 100

138 16.2 11.1 16.7

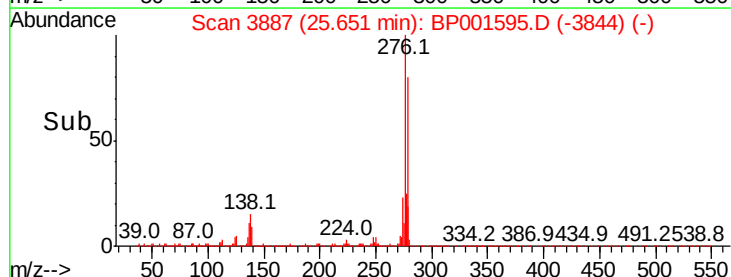
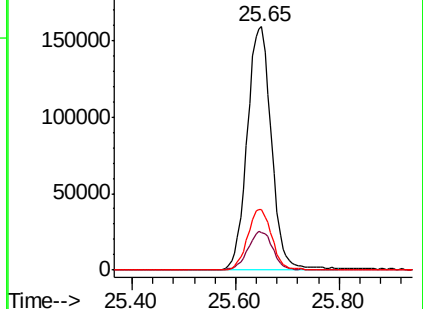
277 24.9 20.4 30.6

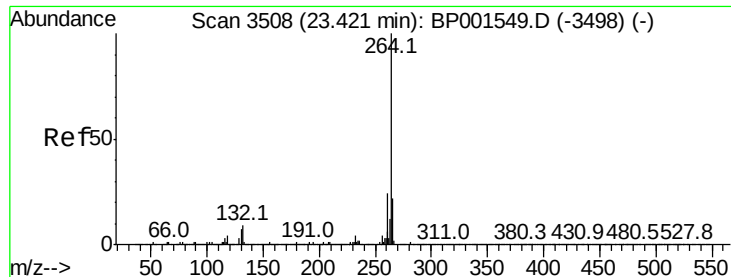


Abundance Ion 276.00 (275.70 to 276.70): E

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: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampled :

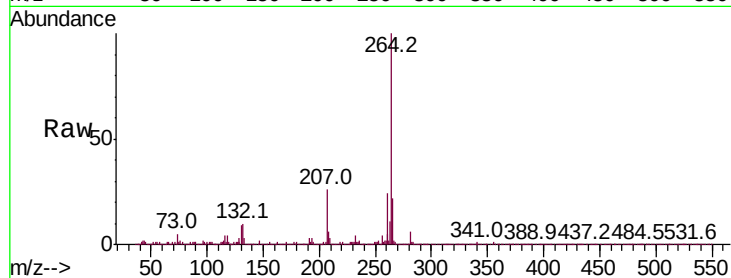
Tot Ion:264 Resp: 150542

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	18.2	27.4

264 100

260 23.5 19.0 28.6

265 22.0 18.2 27.4

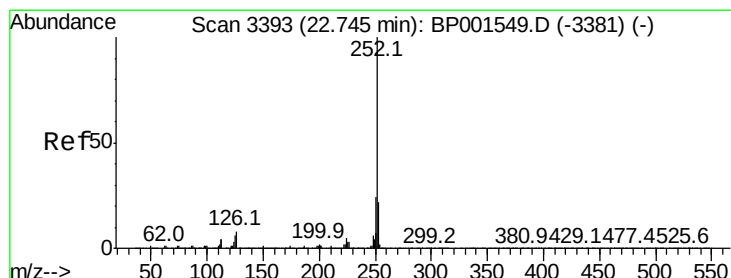
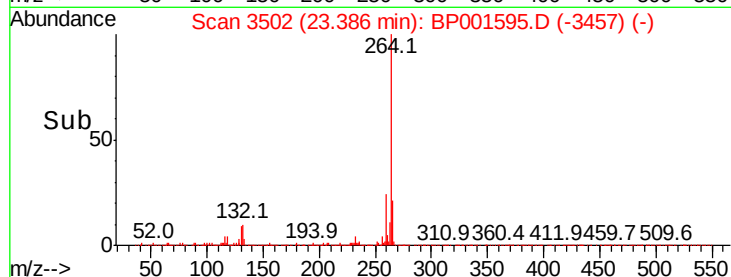
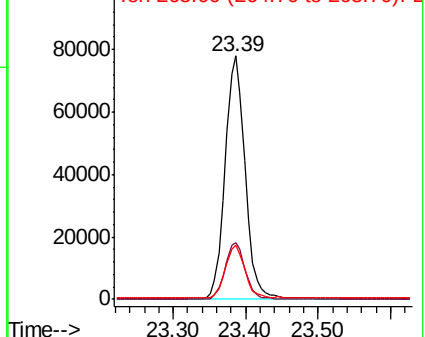


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.154 ng

RT: 22.72 min Scan# 3389

Delta R.T. -0.02 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

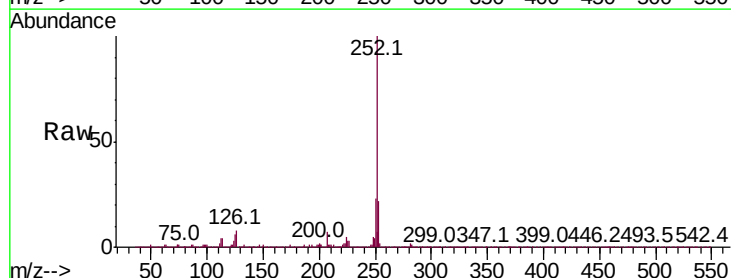
Tgt Ion:252 Resp: 475785

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.2	4.6	7.0

252 100

253 22.4 17.6 26.4

125 6.2 4.6 7.0

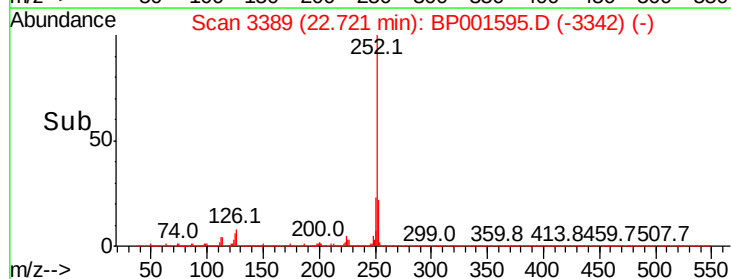
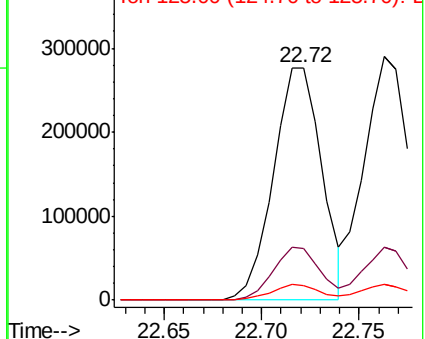


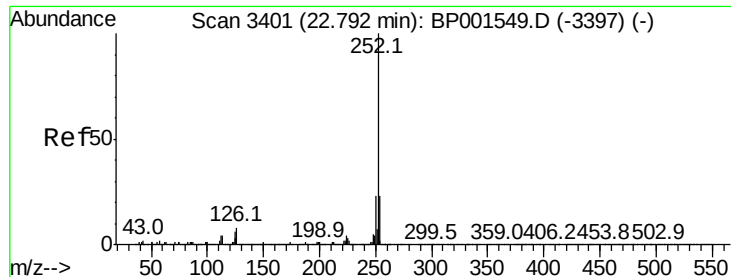
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.431 ng

RT: 22.76 min Scan# 3396

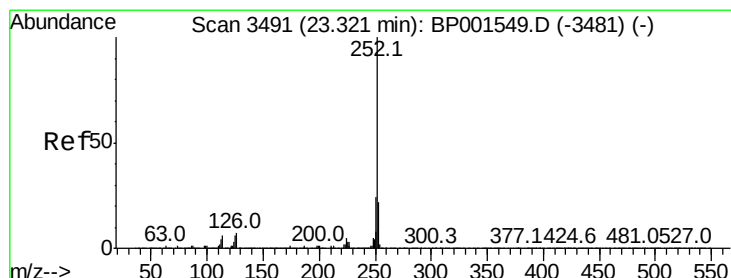
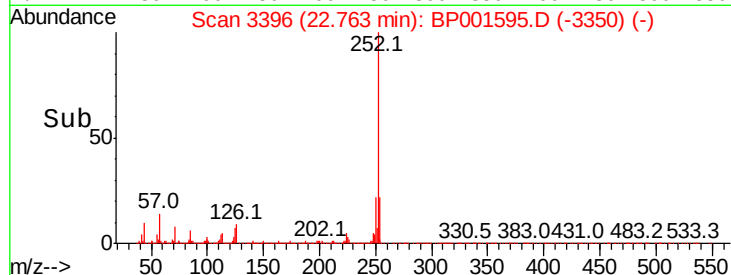
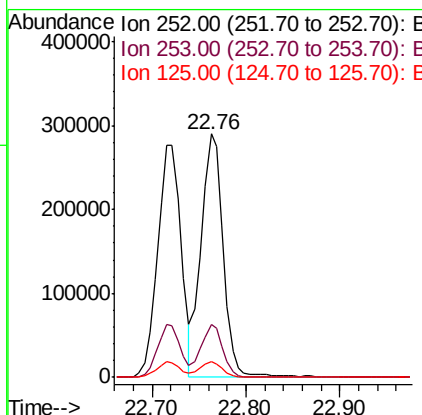
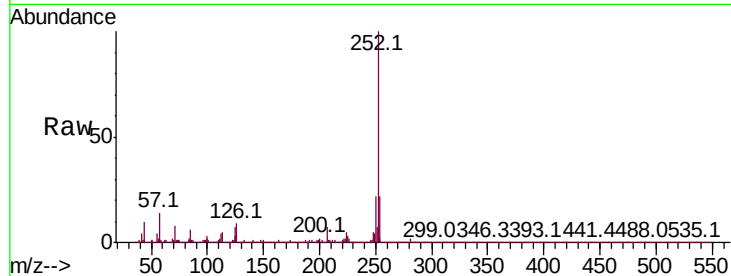
Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	6.6	4.6	6.8



#90

Benzo(a)pyrene

Concen: 47.704 ng

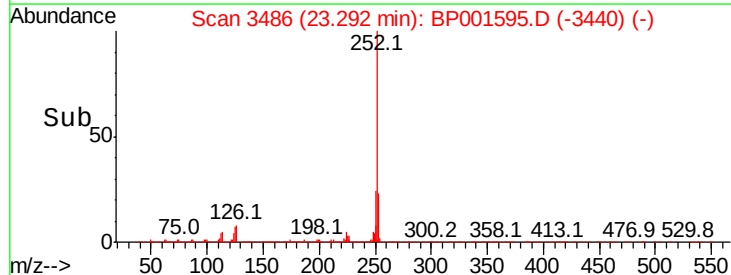
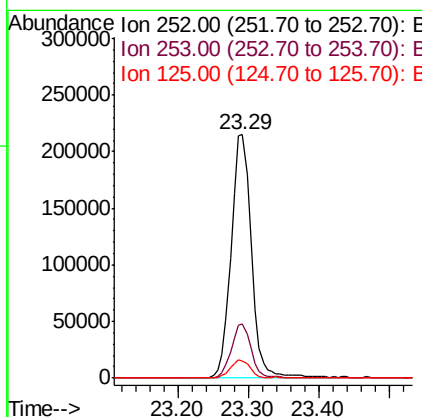
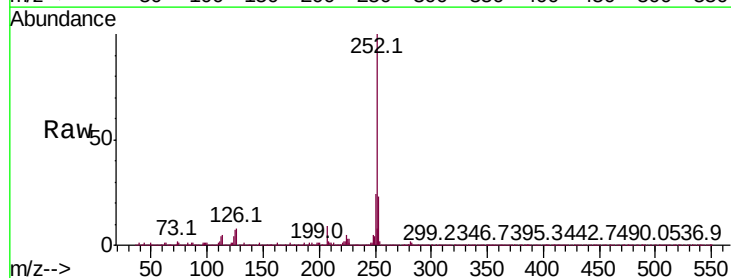
RT: 23.29 min Scan# 3486

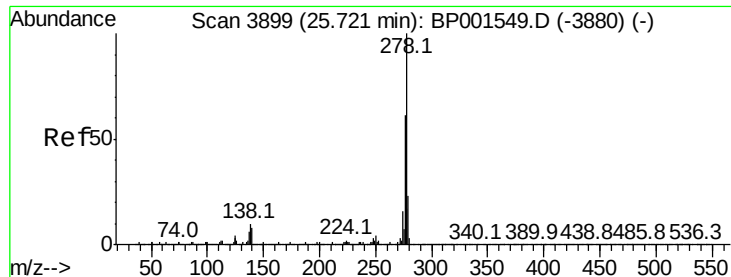
Delta R.T. -0.03 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.1	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 46.987 ng

RT: 25.66 min Scan# 3889

Delta R.T. -0.06 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

Instrument :

BNA_P

ClientSampleId :

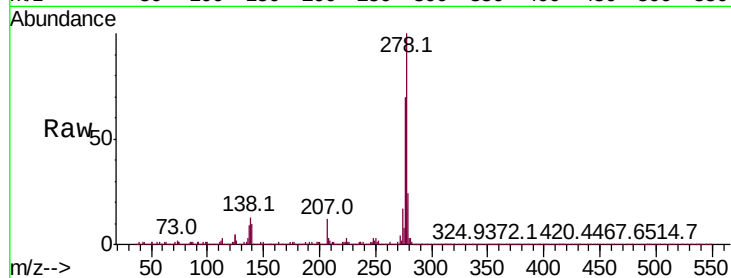
Tot Ion:278 Resp: 436659

Ion Ratio Lower Upper

278 100

139 10.4 6.7 10.1#

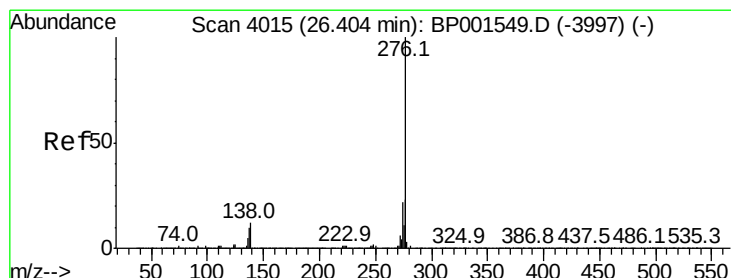
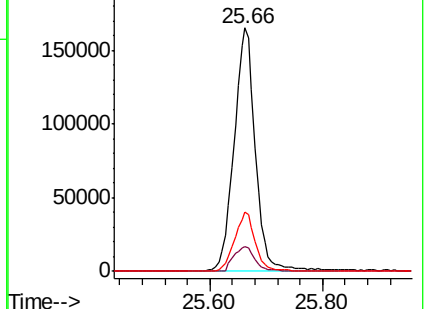
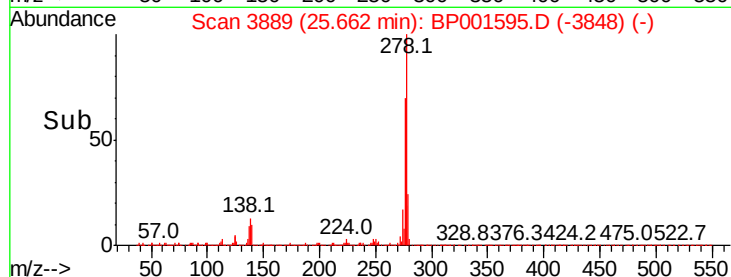
279 24.3 18.6 28.0



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: 48.348 ng

RT: 26.33 min Scan# 4002

Delta R.T. -0.08 min

Lab File: BP001595.D

Acq: 14 Jan 2020 19:32

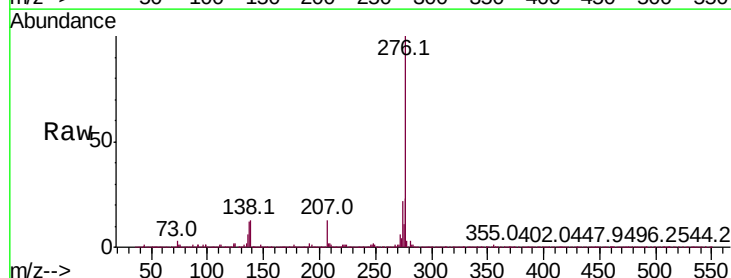
Tgt Ion:276 Resp: 446662

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 13.3 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

