

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001591.D
 Acq On : 14 Jan 2020 17:17
 Operator : JU
 Sample : PB126085BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:48:17 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	7.63	152	29740	20.00	ng	-0.03
21) Naphthalene-d8	10.41	136	106266	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	71238	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	178370	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	174561	20.00	ng	-0.02
87) Perylene-d12	23.39	264	132575	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	191161	125.91	ng	-0.02
7) Phenol-d6	6.84	99	258678	106.61	ng	-0.02
23) Nitrobenzene-d5	8.79	82	186850	76.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	123989	114.34	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	422581	87.22	ng	-0.02
79) Terphenyl-d14	19.64	244	691052	72.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	22092	45.596	ng	95
3) Pyridine	3.60	79	59438	33.949	ng	97
4) n-Nitrosodimethylamine	3.52	42	53328	42.976	ng	94
6) Aniline	6.98	93	65102	21.458	ng	100
8) 2-Chlorophenol	7.21	128	63204	35.659	ng	95
9) Benzaldehyde	6.79	77	8147	5.621	ng	94
10) Phenol	6.86	94	85287	33.979	ng	97
11) bis(2-Chloroethyl)ether	7.08	93	68525	34.810	ng	95
12) 1,3-Dichlorobenzene	7.53	146	78209	35.103	ng	94
13) 1,4-Dichlorobenzene	7.68	146	78163	33.928	ng	96
14) 1,2-Dichlorobenzene	7.99	146	74329	33.386	ng	93
15) Benzyl Alcohol	7.88	79	67127	29.377	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.18	45	125682	34.368	ng	99
17) 2-Methylphenol	8.09	107	57426	32.953	ng	99
18) Hexachloroethane	8.71	117	32637	36.289	ng	96
19) n-Nitroso-di-n-propylamine	8.45	70	56661	30.630	ng	93
20) 3+4-Methylphenols	8.42	107	76051	31.199	ng	94
22) Acetophenone	8.46	105	105679	35.476	ng	# 96
24) Nitrobenzene	8.83	77	92019	37.402	ng	97
25) Isophorone	9.36	82	154105	35.338	ng	98
26) 2-Nitrophenol	9.53	139	34352	36.947	ng	95
27) 2,4-Dimethylphenol	9.61	122	58351	42.009	ng	95
28) bis(2-Chloroethoxy)methane	9.84	93	87757	34.351	ng	99
29) 2,4-Dichlorophenol	10.08	162	68159	35.849	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	83000	36.162	ng	97
31) Naphthalene	10.46	128	206248	36.775	ng	99
32) Benzoic acid	9.76	122	28697	25.410	ng	94
33) 4-Chloroaniline	10.58	127	36285	14.052	ng	97
34) Hexachlorobutadiene	10.76	225	58952	36.283	ng	94
35) Caprolactam	11.35	113	8459	12.252	ng	97
36) 4-Chloro-3-methylphenol	11.72	107	75453	33.068	ng	96
37) 2-Methylnaphthalene	12.09	142	156935	35.111	ng	100
38) 1-Methylnaphthalene	12.30	142	147911	34.388	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	104924	42.996	ng	97

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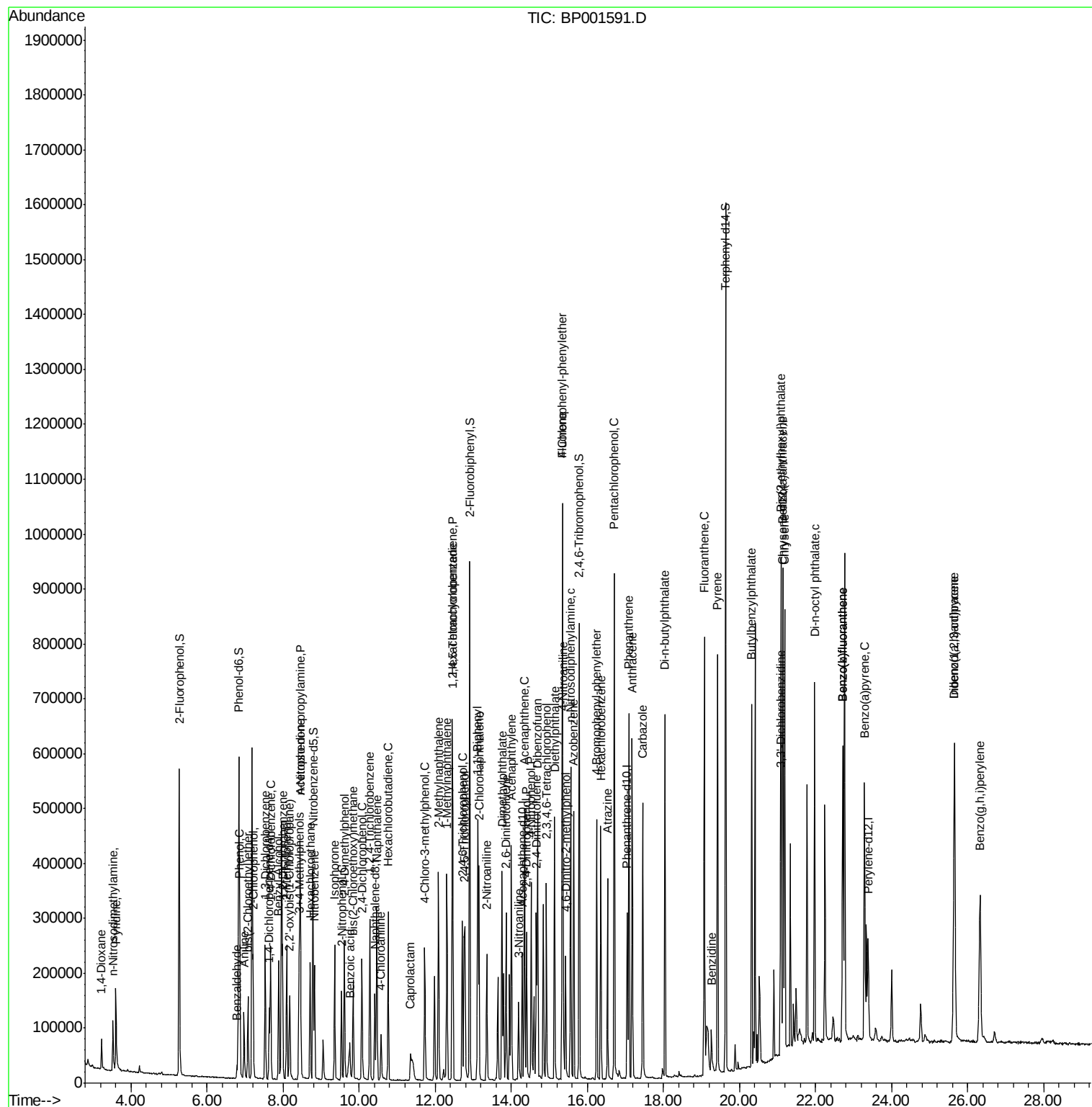
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	111698	90.236	ng	97
43) 2,4,6-Trichlorophenol	12.71	196	63072	40.075	ng	98
44) 2,4,5-Trichlorophenol	12.78	196	69347	41.465	ng	96
46) 1,1'-Biphenyl	13.12	154	210509	41.238	ng	98
47) 2-Chloronaphthalene	13.15	162	171002	40.305	ng	97
48) 2-Nitroaniline	13.36	65	62468	37.476	ng	95
49) Acenaphthylene	14.00	152	266758	40.769	ng	100
50) Dimethylphthalate	13.76	163	213827	36.443	ng	99
51) 2,6-Dinitrotoluene	13.86	165	47837	38.446	ng	99
52) Acenaphthene	14.35	154	156055	38.509	ng	98
53) 3-Nitroaniline	14.19	138	28307	21.547	ng	91
54) 2,4-Dinitrophenol	14.40	184	50302	71.900	ng	90
55) Dibenzofuran	14.69	168	268931	39.244	ng	99
56) 4-Nitrophenol	14.53	139	68523	65.319	ng	95
57) 2,4-Dinitrotoluene	14.66	165	65526	35.992	ng	94
58) Fluorene	15.35	166	218209	39.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	68429	39.624	ng	99
60) Diethylphthalate	15.14	149	218063	36.134	ng	98
61) 4-Chlorophenyl-phenylether	15.35	204	124219	39.141	ng	97
62) 4-Nitroaniline	15.36	138	40463	27.015	ng	97
63) Azobenzene	15.64	77	246513	40.881	ng	95
65) 4,6-Dinitro-2-methylphenol	15.43	198	37013	38.381	ng	91
66) n-Nitrosodiphenylamine	15.56	169	190503	40.314	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	78026	38.776	ng	96
68) Hexachlorobenzene	16.36	284	87354	37.364	ng	98
69) Atrazine	16.53	200	64726	37.296	ng	99
70) Pentachlorophenol	16.70	266	153950	119.238	ng	99
71) Phenanthrene	17.09	178	369233	38.064	ng	99
72) Anthracene	17.18	178	366499	38.811	ng	100
73) Carbazole	17.46	167	314044	35.422	ng	99
74) Di-n-butylphthalate	18.04	149	384349	36.643	ng	99
75) Fluoranthene	19.07	202	455313	35.672	ng	99
77) Benzidine	19.26	184	68349	17.148	ng	98
78) Pyrene	19.42	202	456768	35.621	ng	98
80) Butylbenzylphthalate	20.33	149	168260	34.525	ng	99
81) Benzo(a)anthracene	21.14	228	408041	33.564	ng	98
82) 3,3'-Dichlorobenzidine	21.08	252	111710	24.504	ng	96
83) Chrysene	21.19	228	406565	34.316	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	231301	34.620	ng	99
85) Di-n-octyl phthalate	21.97	149	372620	34.978	ng	96
86) Indeno(1,2,3-cd)pyrene	25.65	276	417974	30.138	ng	98
88) Benzo(b)fluoranthene	22.72	252	381756	45.696	ng	99
89) Benzo(k)fluoranthene	22.72	252	381756	46.868	ng	98
90) Benzo(a)pyrene	23.29	252	373576	47.097	ng	98
91) Dibenzo(a,h)anthracene	25.66	278	351442	42.942	ng	# 98
92) Benzo(g,h,i)perylene	26.33	276	351455	43.198	ng	97

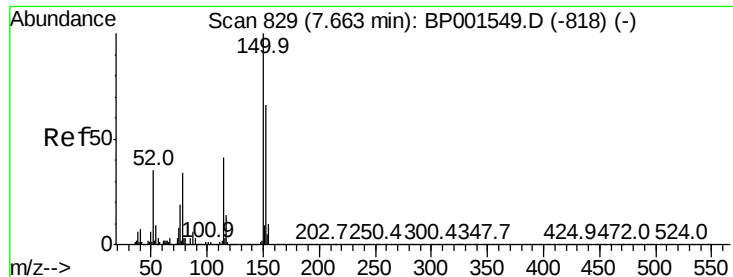
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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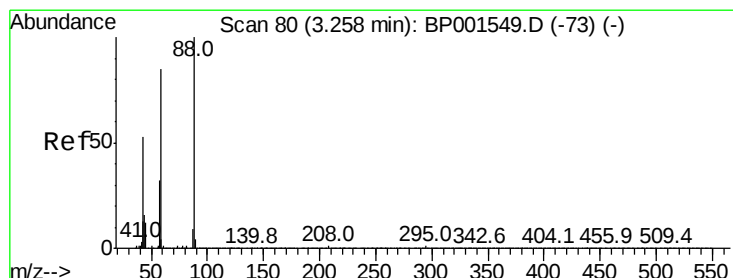
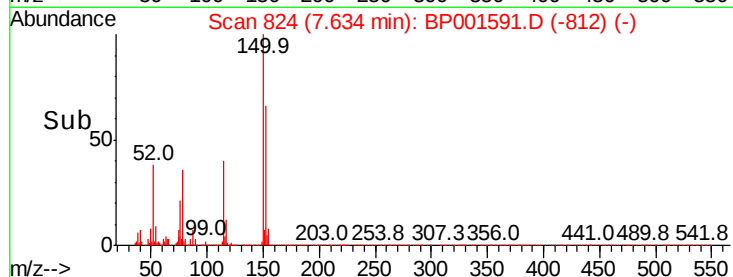
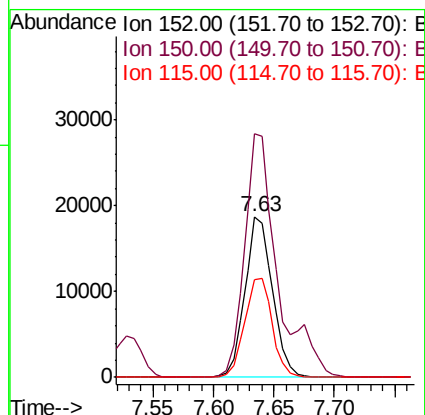
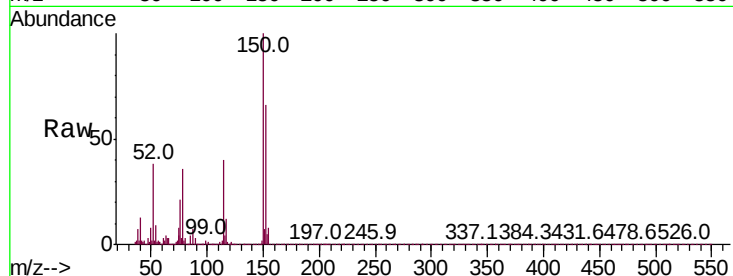


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Instrument :
BNA_P
ClientSampleId :

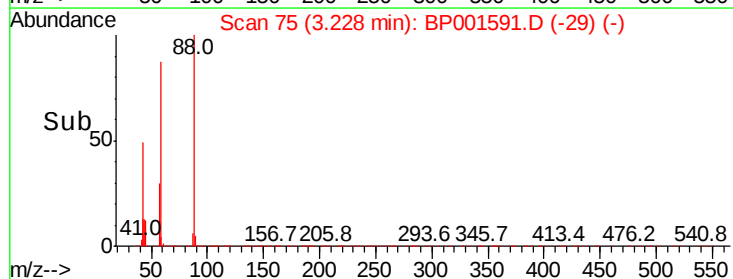
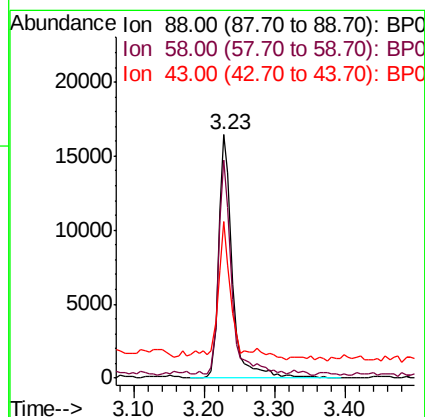
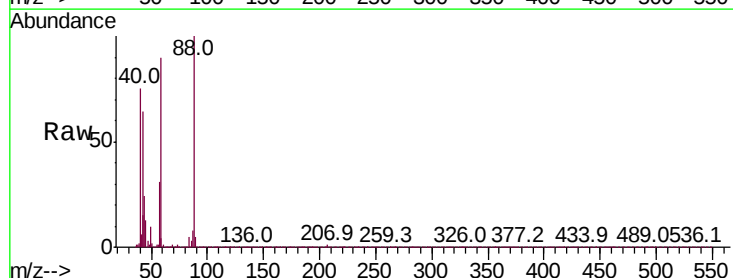
Tot Ion:152 Resp: 29740
Ion Ratio Lower Upper
152 100
150 151.5 122.0 183.0
115 60.9 50.7 76.1

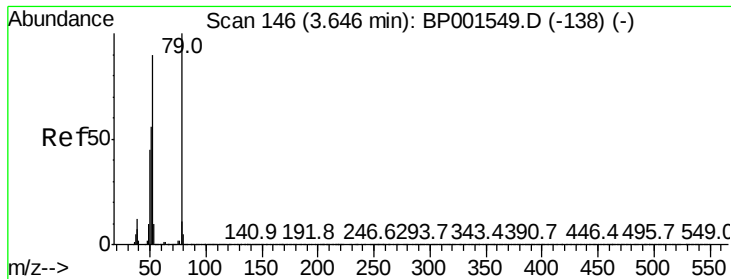


#2

1,4-Dioxane
Concen: 45.596 ng
RT: 3.23 min Scan# 75
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion: 88 Resp: 22092
Ion Ratio Lower Upper
88 100
58 84.3 69.5 104.3
43 44.0 40.3 60.5





#3

Pvridine

Concen: 33.949 ng

RT: 3.60 min Scan# 139

Delta R.T. -0.04 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampled :

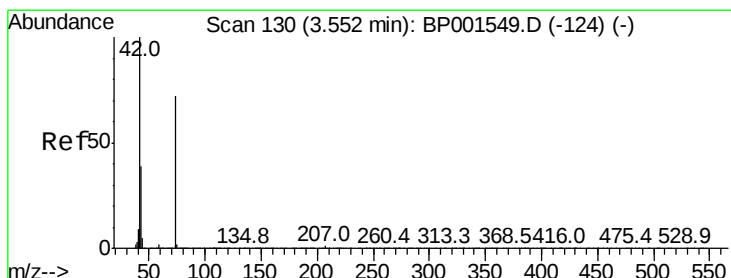
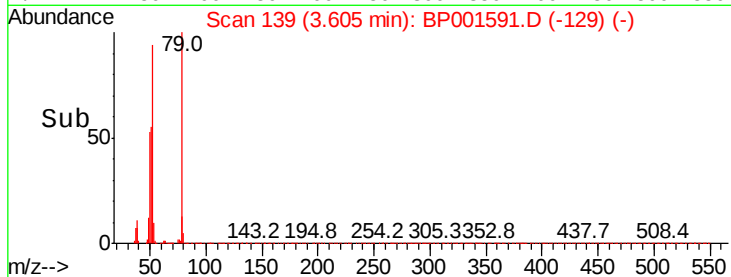
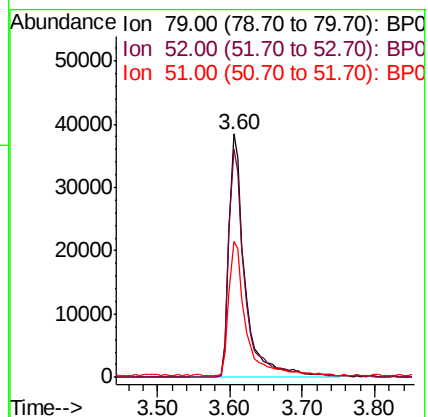
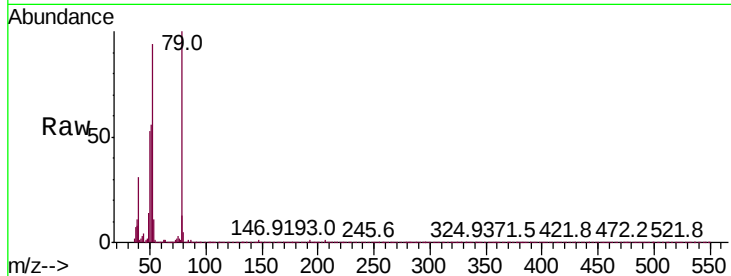
Tot Ion: 79 Resp: 59438

Ion Ratio Lower Upper

79 100

52 93.9 72.1 108.1

51 56.1 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 42.976 ng

RT: 3.52 min Scan# 125

Delta R.T. -0.03 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

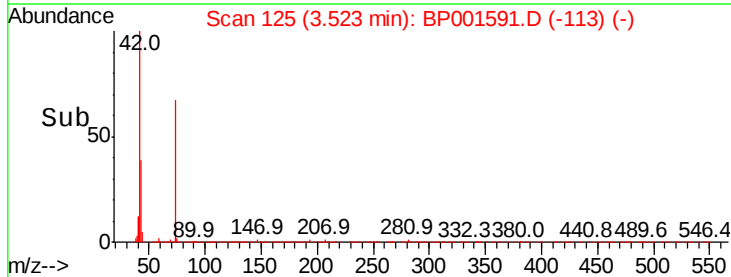
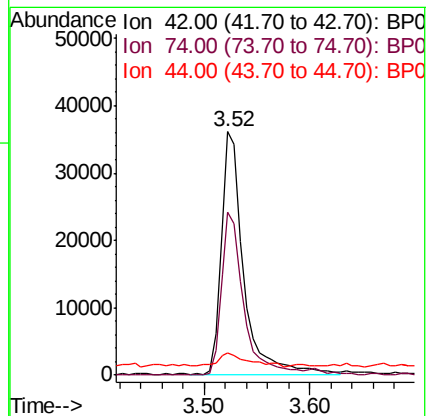
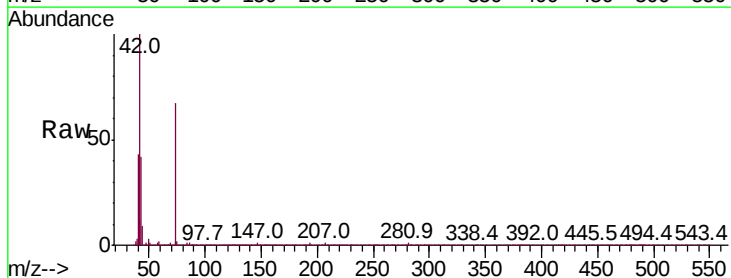
Tgt Ion: 42 Resp: 53328

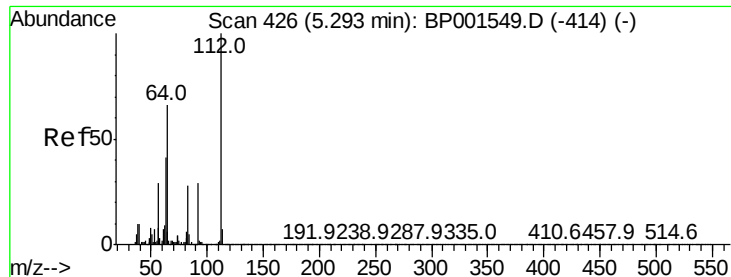
Ion Ratio Lower Upper

42 100

74 66.7 58.0 87.0

44 8.9 6.7 10.1





#5

2-Fluorophenol

Concen: 125.913 ng

RT: 5.27 min Scan# 422

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

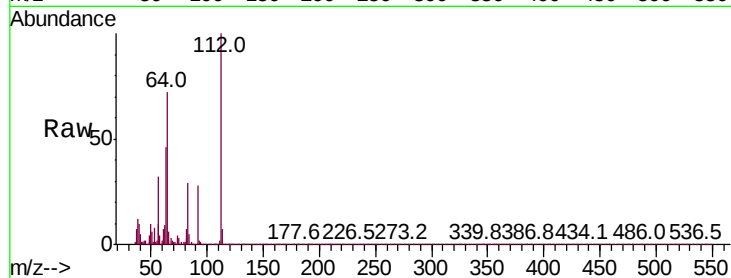
Tot Ion:112 Resp: 191161

Ion Ratio Lower Upper

112 100

64 71.9 52.8 79.2

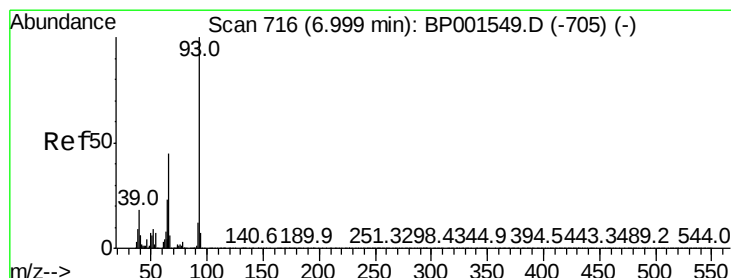
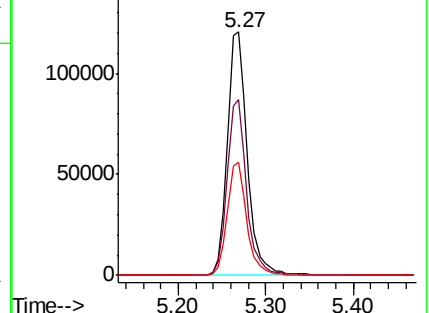
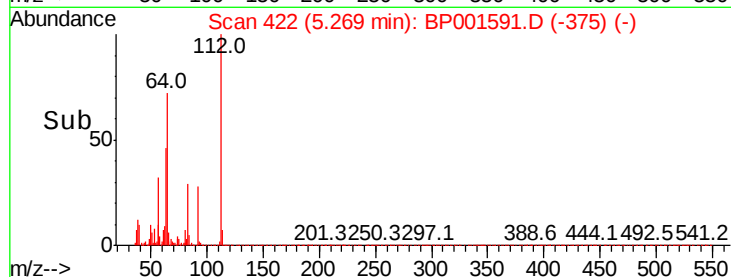
63 46.5 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 21.458 ng

RT: 6.98 min Scan# 712

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

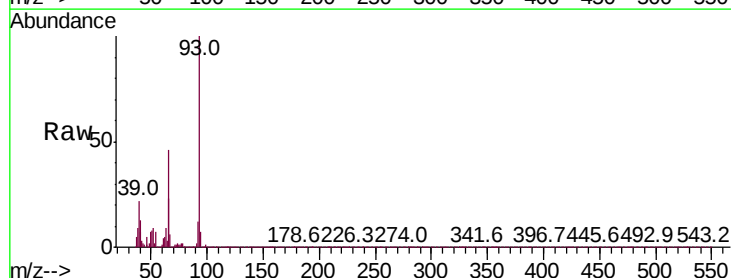
Tgt Ion: 93 Resp: 65102

Ion Ratio Lower Upper

93 100

66 45.6 36.4 54.6

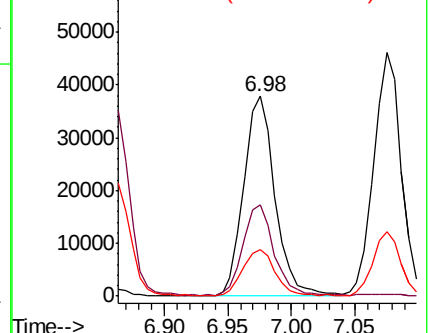
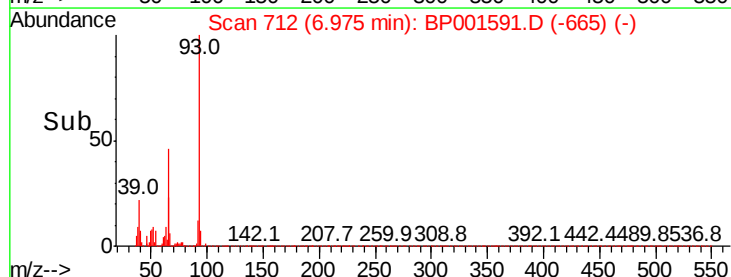
65 23.2 18.5 27.7

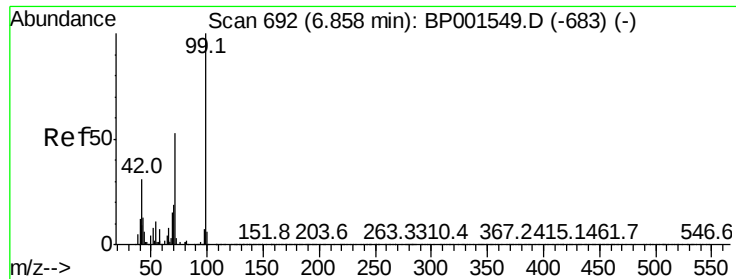


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 106.611 ng

RT: 6.84 min Scan# 689

Delta R.T. -0.02 min

Lab File: BP001591.D

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ClientSampleId :

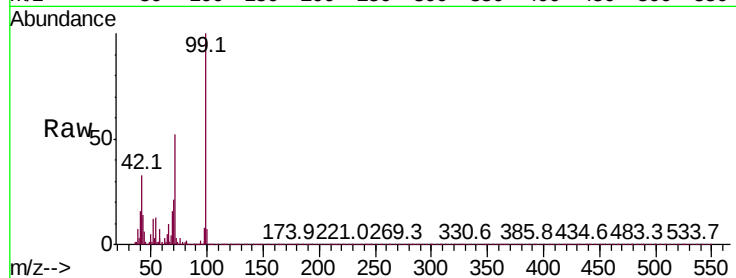
Tot Ion: 99 Resp: 258678

Ion Ratio Lower Upper

99 100

42 32.9 24.5 36.7

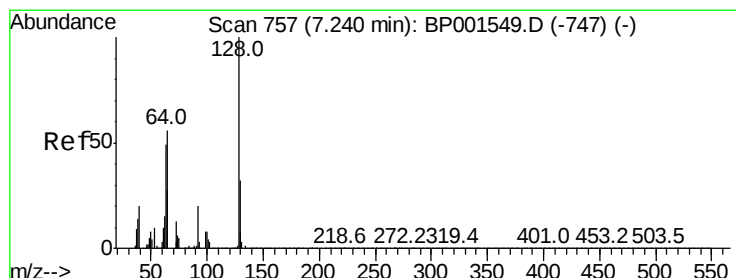
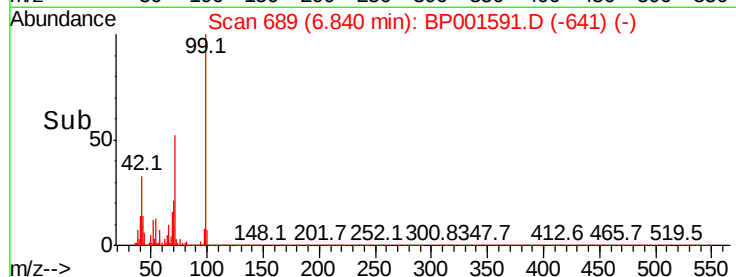
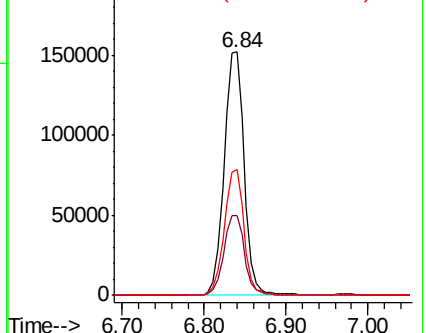
71 51.8 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 35.659 ng

RT: 7.21 min Scan# 752

Delta R.T. -0.03 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

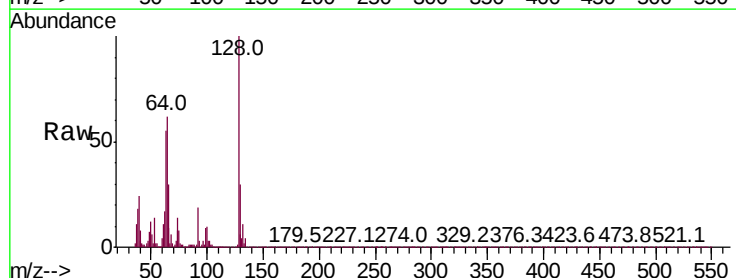
Tgt Ion: 128 Resp: 63204

Ion Ratio Lower Upper

128 100

130 30.2 11.8 51.8

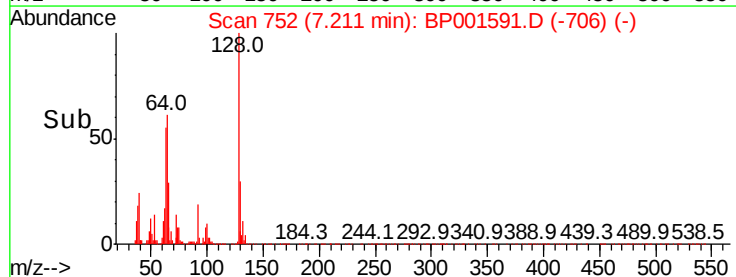
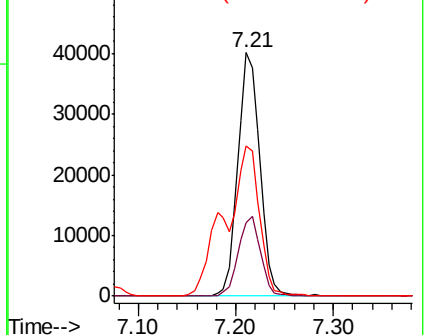
64 61.6 37.2 77.2

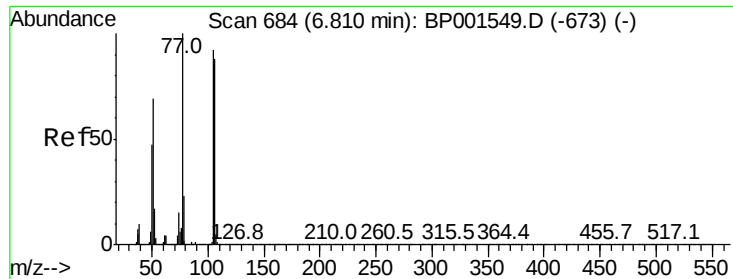


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyd

Concen: 5.621 ng

RT: 6.79 min Scan# 680

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

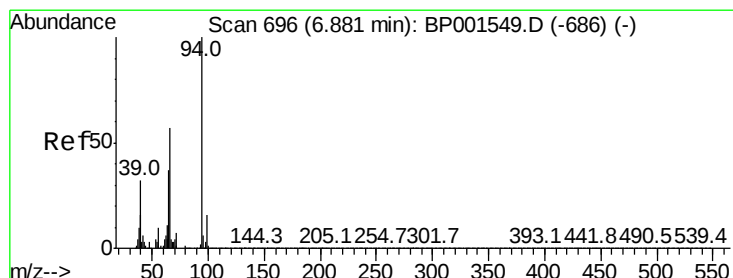
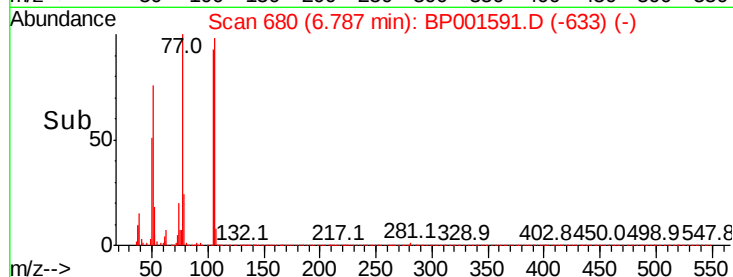
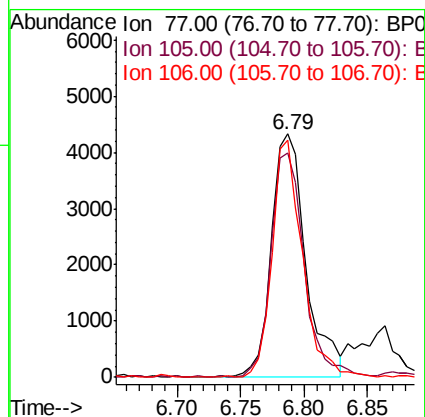
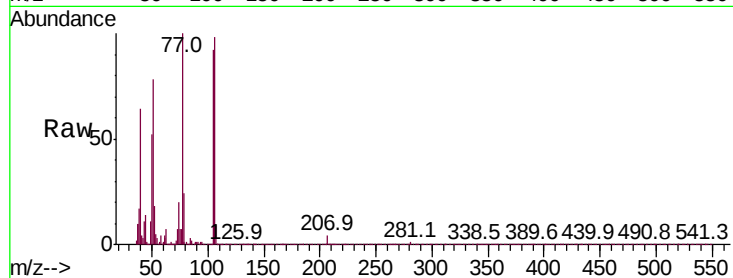
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 8147

Ion	Ratio	Lower	Upper
77	100		
105	92.4	71.6	111.6
106	97.7	67.7	107.7



#10

Phenol

Concen: 33.979 ng

RT: 6.86 min Scan# 693

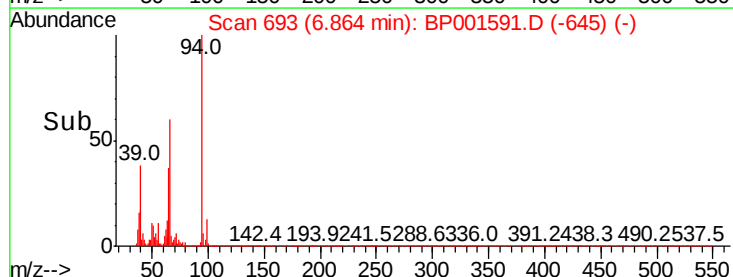
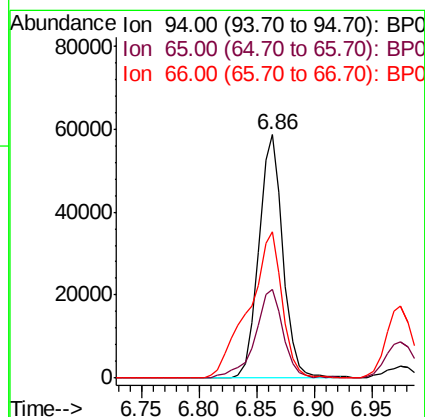
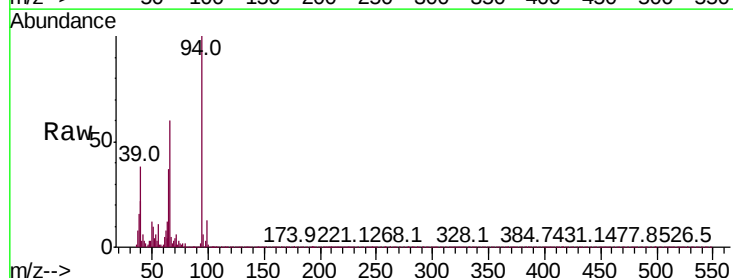
Delta R.T. -0.02 min

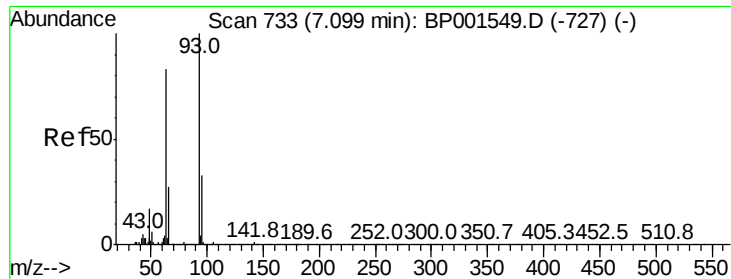
Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion: 94 Resp: 85287

Ion	Ratio	Lower	Upper
94	100		
65	36.6	17.5	57.5
66	60.1	36.7	76.7

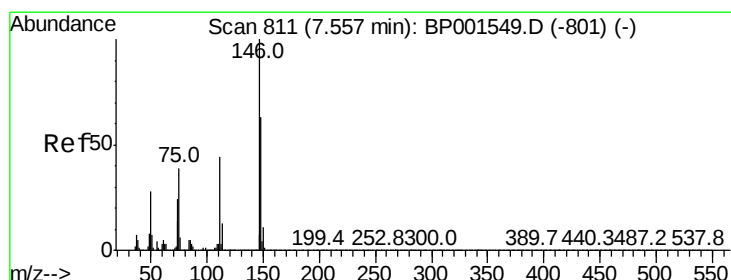
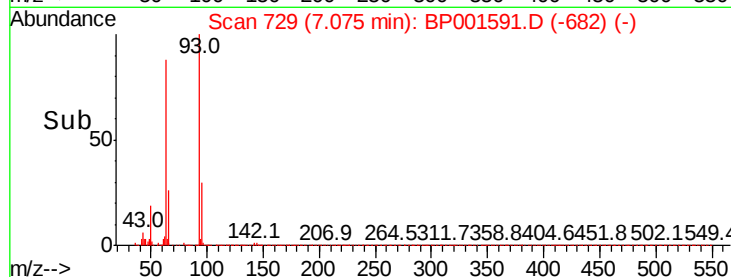
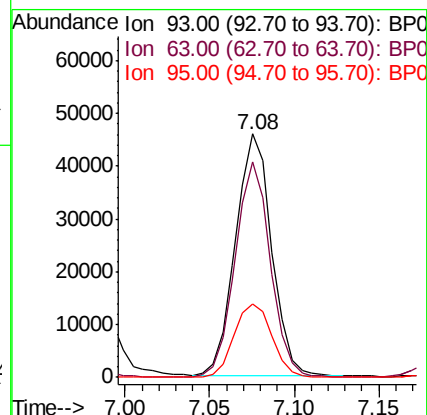
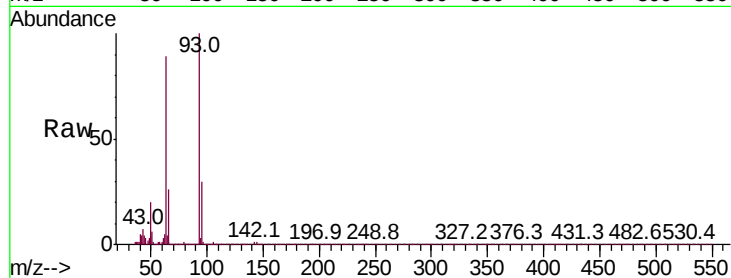




#11
bis(2-Chloroethyl)ether
Concen: 34.810 ng
RT: 7.08 min Scan# 729
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

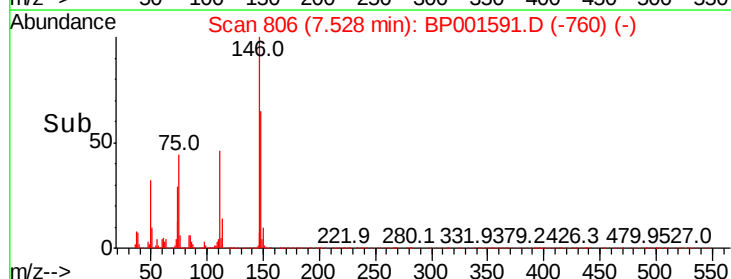
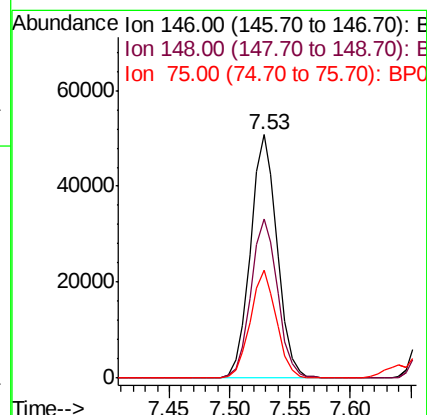
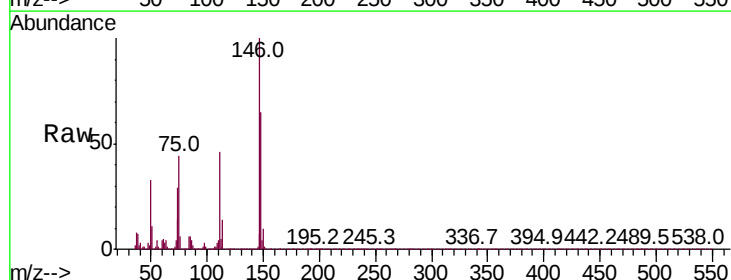
Instrument :
BNA_P
ClientSampleId :

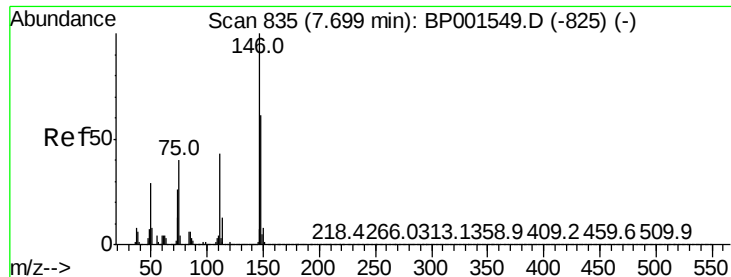
Tot Ion	93	Resp	68525
Ion Ratio	100	Lower	Upper
93	100		
63	88.6	63.2	103.2
95	30.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 35.103 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	146	Resp	78209
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	50.2	75.2
75	44.2	31.1	46.7





#13

1,4-Dichlorobenzene

Concen: 33.928 ng

RT: 7.68 min Scan# 831

Delta R.T. -0.02 min

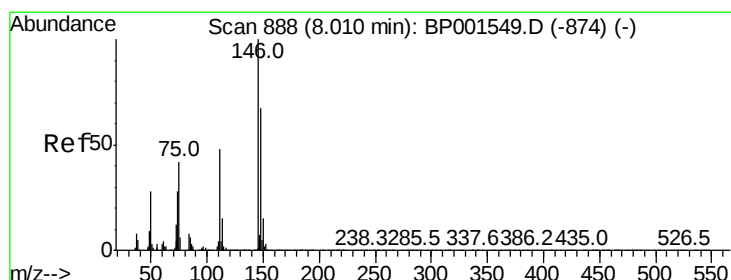
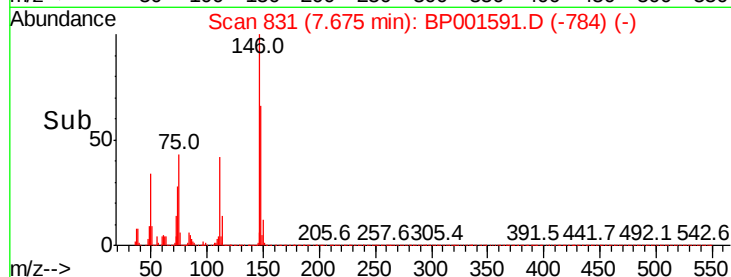
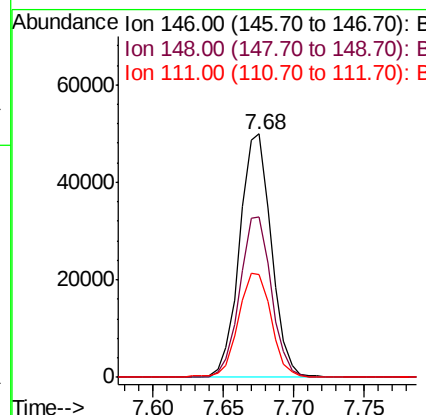
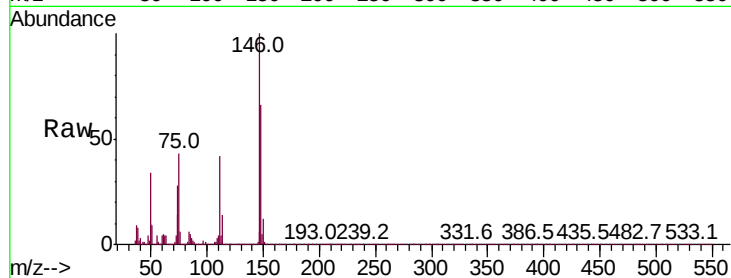
Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 78163

Ion	Ratio	Lower	Upper
146	100		
148	65.7	48.6	73.0
111	42.2	34.3	51.5



#14

1,2-Dichlorobenzene

Concen: 33.386 ng

RT: 7.99 min Scan# 884

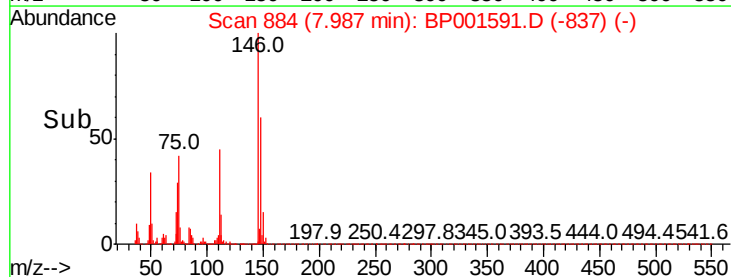
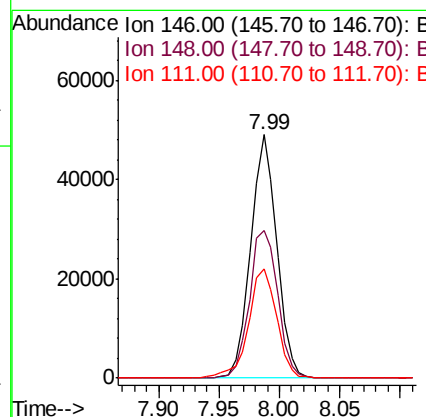
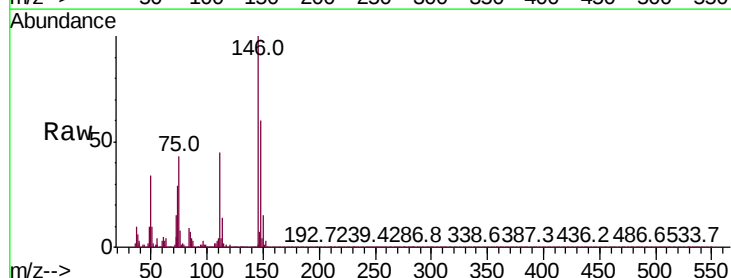
Delta R.T. -0.02 min

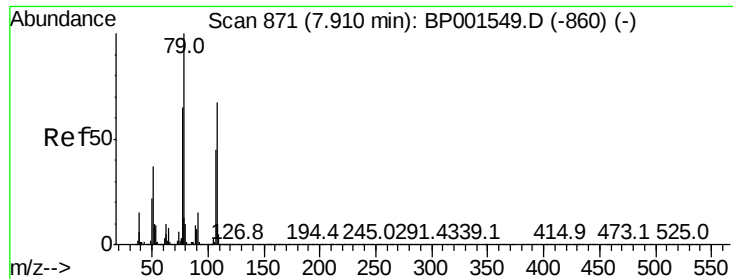
Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:146 Resp: 74329

Ion	Ratio	Lower	Upper
146	100		
148	60.4	53.9	80.9
111	44.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 29.377 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.03 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampled :

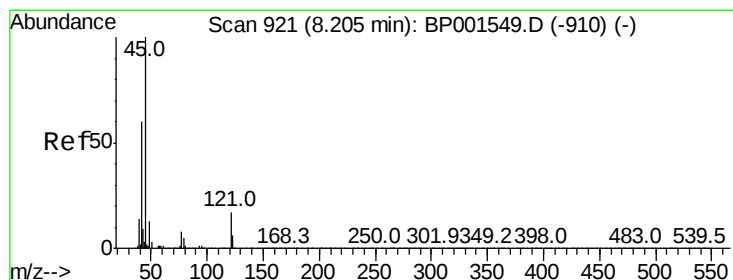
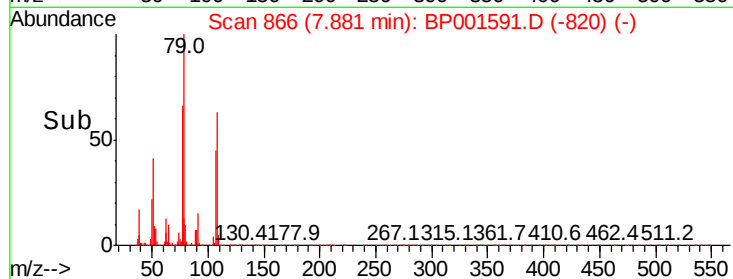
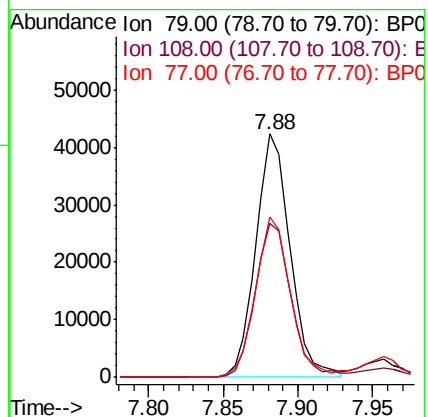
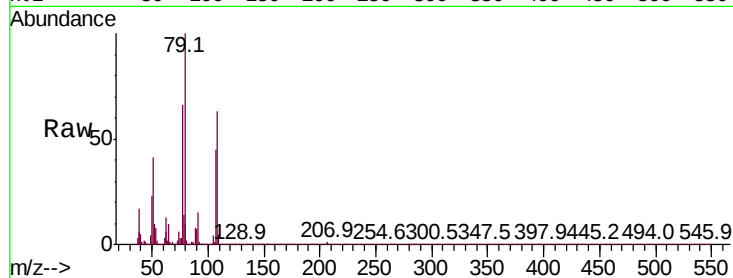
Tot Ion: 79 Resp: 67127

Ion Ratio Lower Upper

79 100

108 63.1 53.2 79.8

77 66.0 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.368 ng

RT: 8.18 min Scan# 916

Delta R.T. -0.03 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

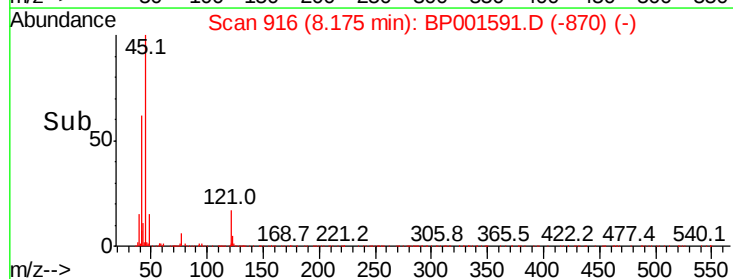
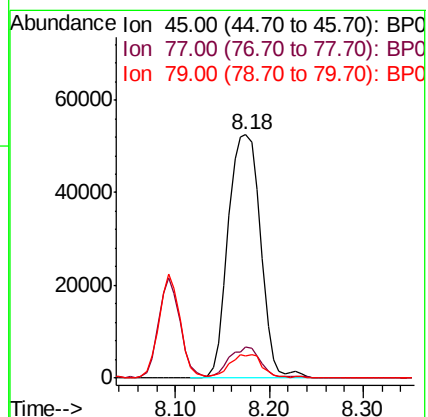
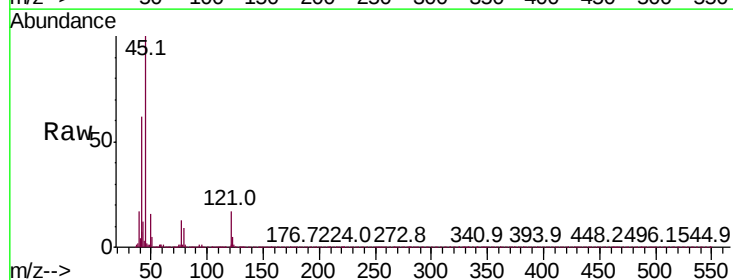
Tgt Ion: 45 Resp: 125682

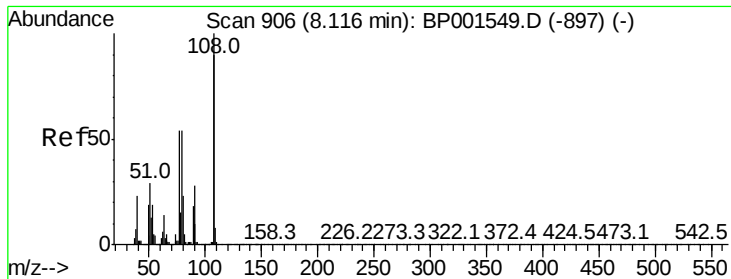
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.6

79 8.9 0.0 29.3

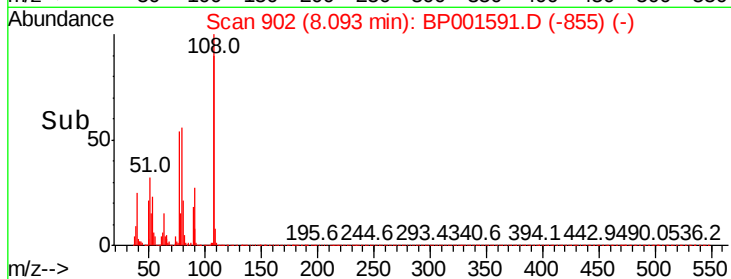
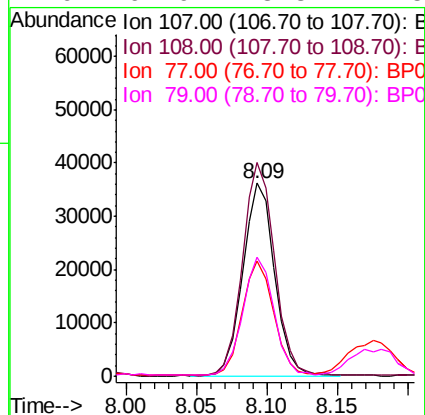
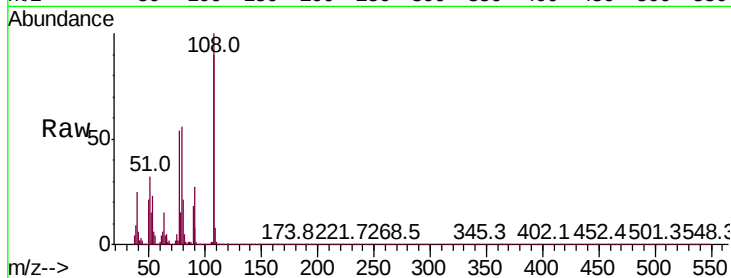




#17
2-Methylphenol
Concen: 32.953 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

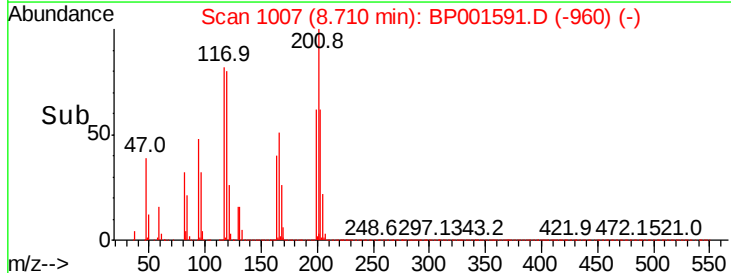
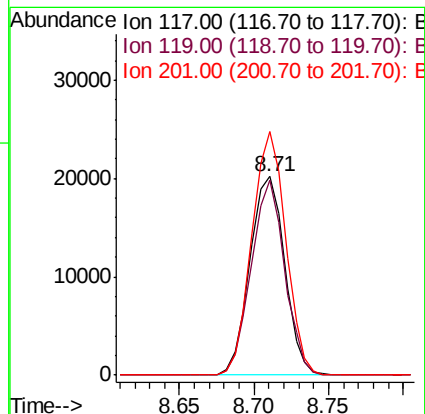
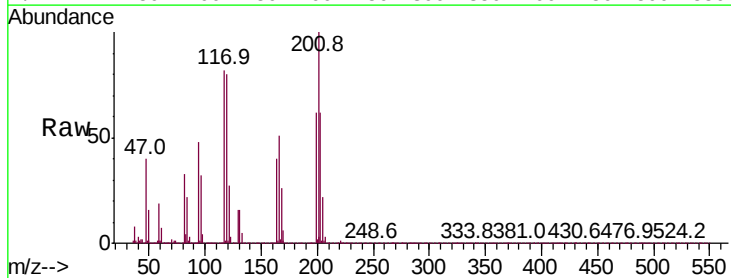
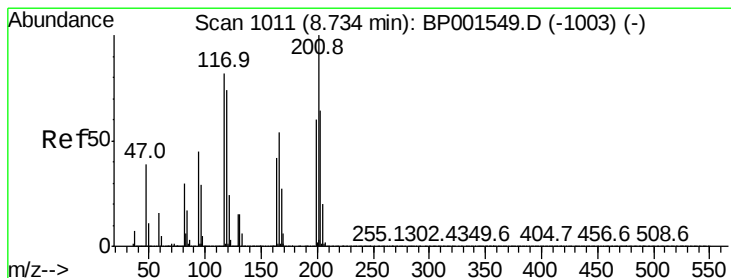
Instrument :
BNA_P
ClientSampleId :

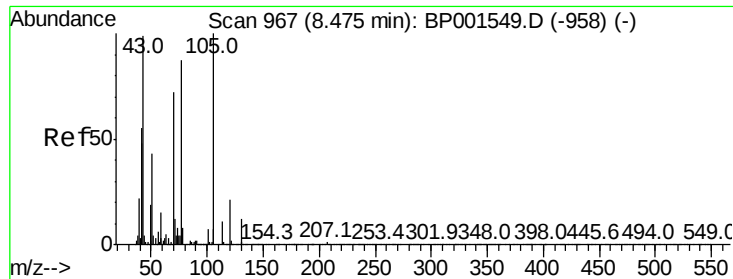
Tot Ion:107 Resp: 57426
Ion Ratio Lower Upper
107 100
108 110.6 89.2 133.8
77 59.7 47.9 71.9
79 61.9 48.3 72.5



#18
Hexachloroethane
Concen: 36.289 ng
RT: 8.71 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:117 Resp: 32637
Ion Ratio Lower Upper
117 100
119 98.0 71.8 107.8
201 122.5 97.6 146.4

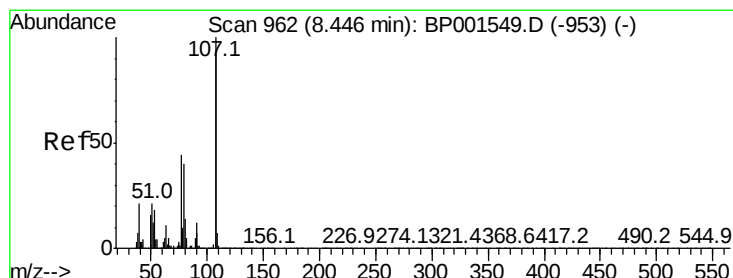
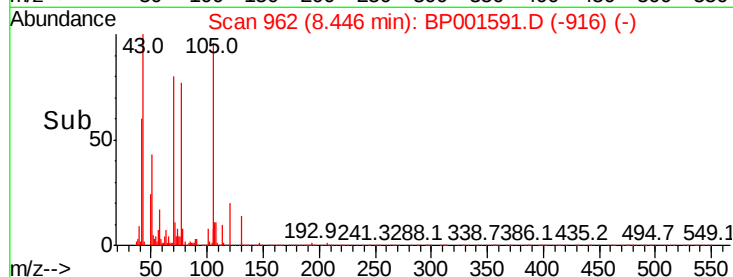
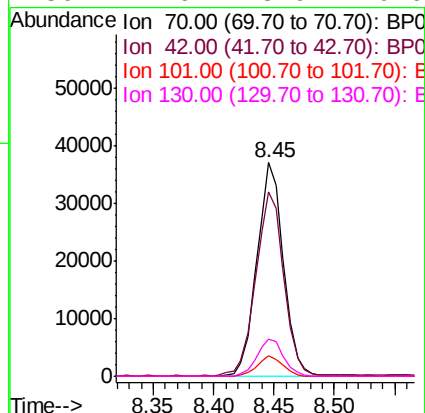
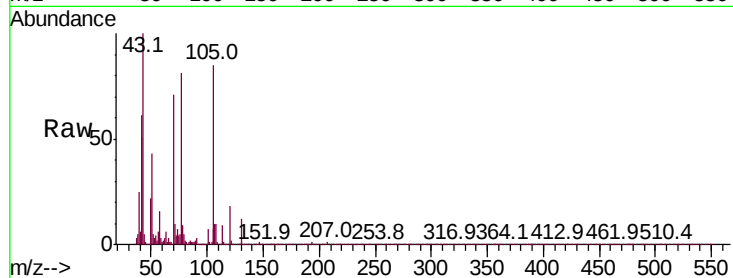




#19
n-Nitroso-di-n-propylamine
Concen: 30.630 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

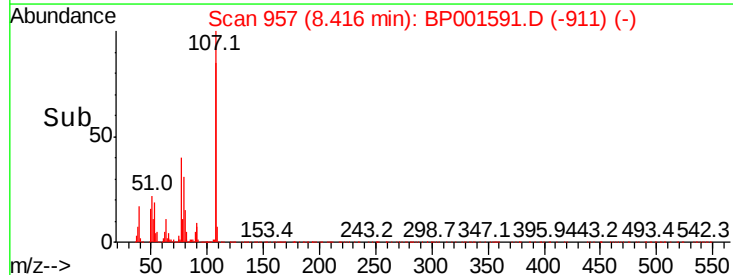
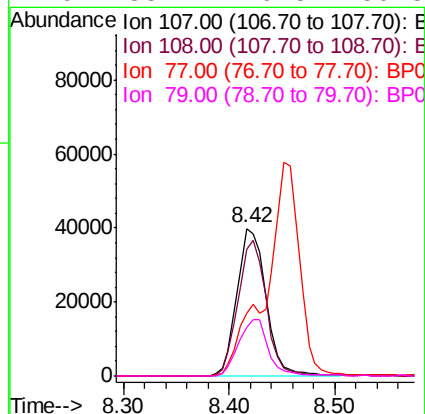
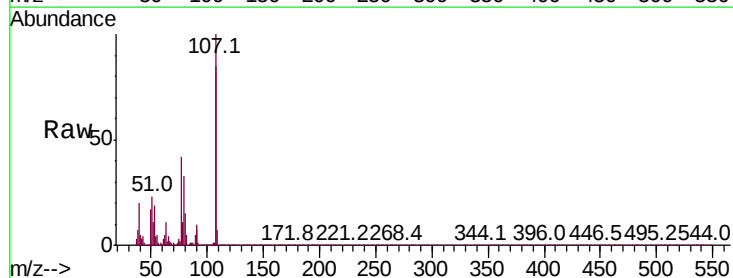
Instrument :
BNA_P
ClientSampled :

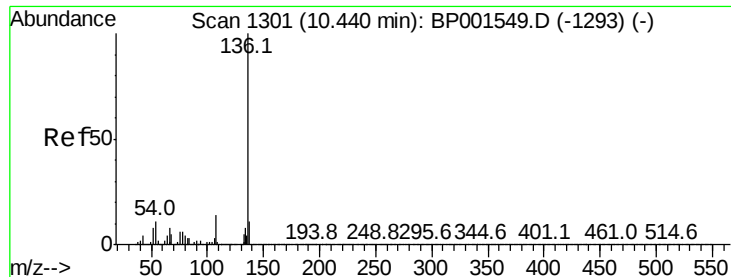
Tot Ion:	70	Resp:	56661
Ion	Ratio	Lower	Upper
70	100		
42	86.1	62.3	93.5
101	9.7	7.3	10.9
130	17.6	13.9	20.9



#20
3+4-Methylphenols
Concen: 31.199 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:	107	Resp:	76051
Ion	Ratio	Lower	Upper
107	100		
108	85.4	71.2	111.2
77	42.4	24.4	64.4
79	33.1	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: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 106266

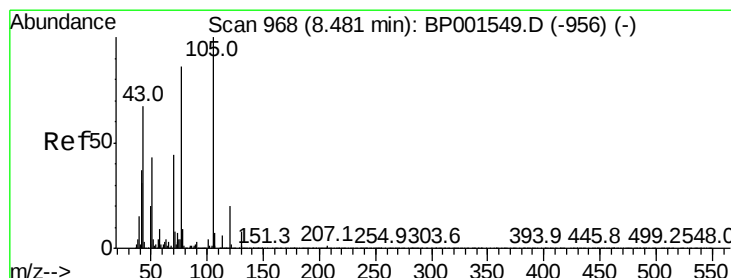
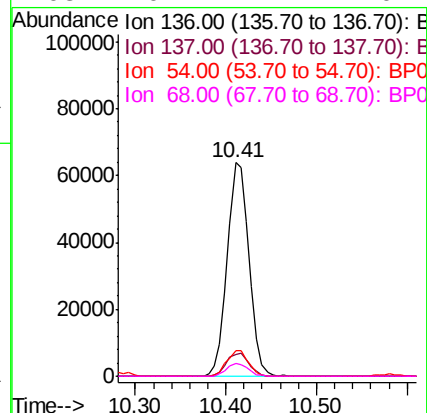
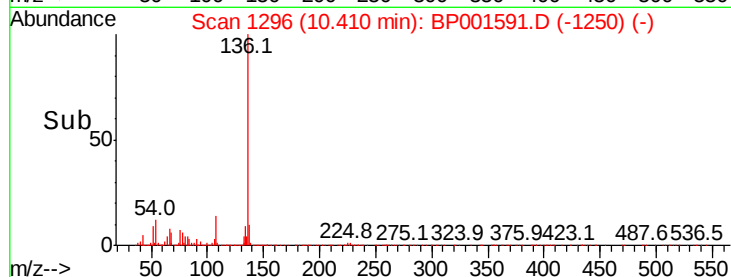
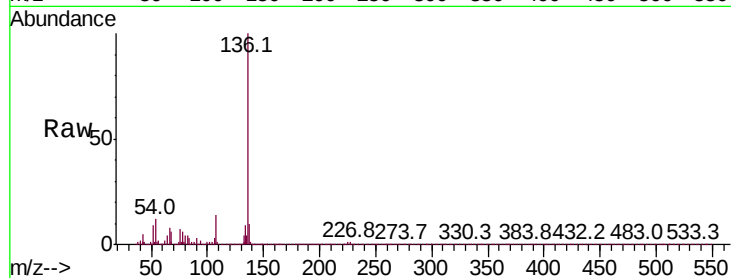
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 12.1 9.2 13.8

68 6.2 4.1 6.1#



#22

Acetophenone

Concen: 35.476 ng

RT: 8.46 min Scan# 964

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:105 Resp: 105679

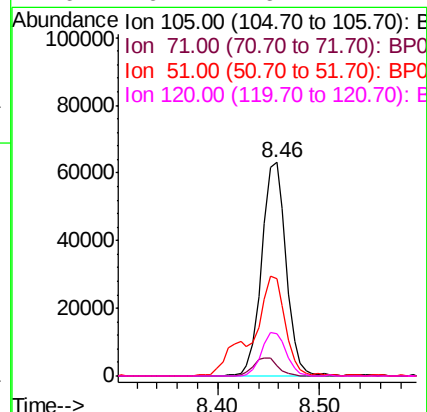
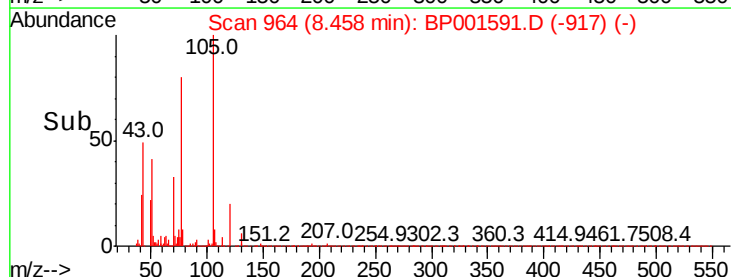
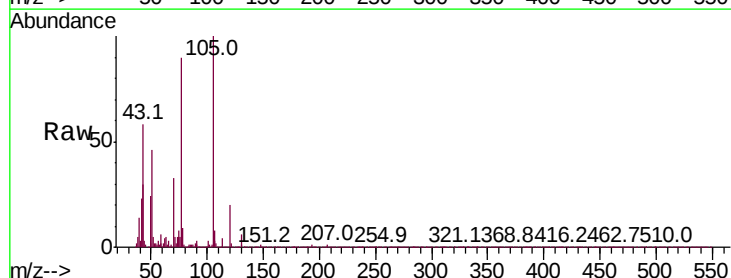
Ion Ratio Lower Upper

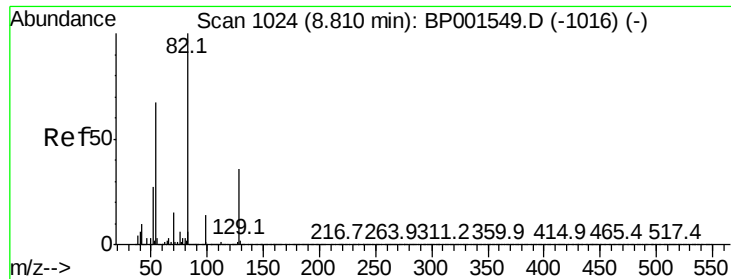
105 100

71 4.9 6.6 10.0#

51 45.5 34.1 51.1

120 20.1 16.1 24.1

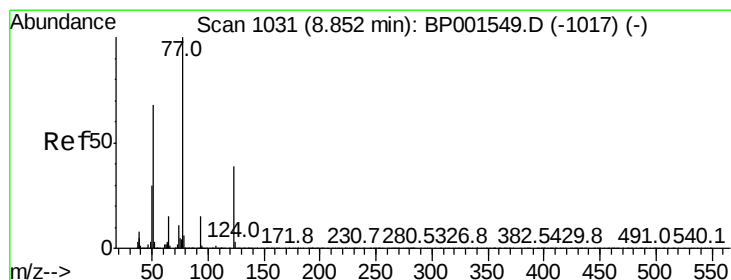
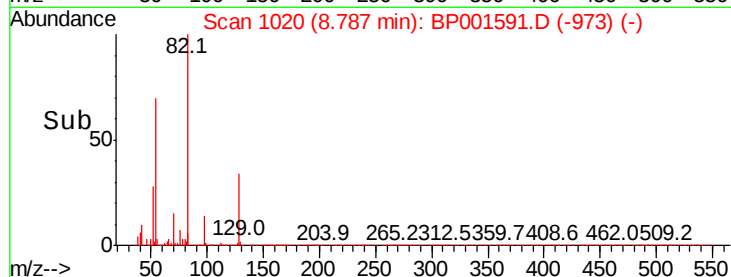
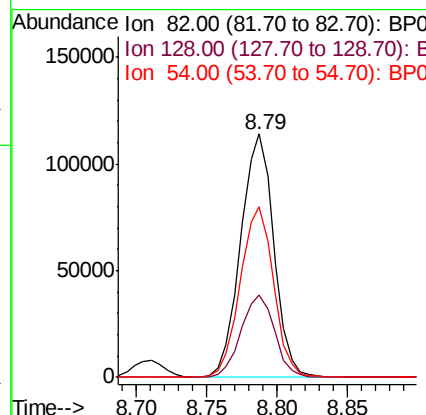
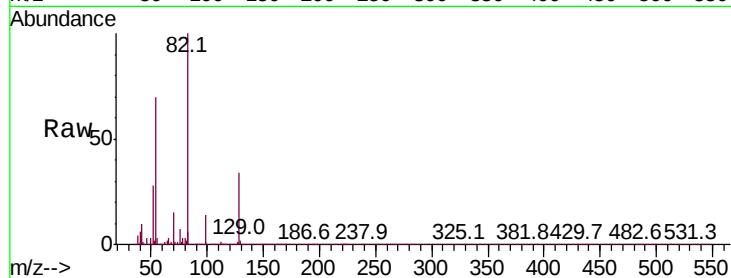




#23
 Nitrobenzene-d5
 Concen: 76.834 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

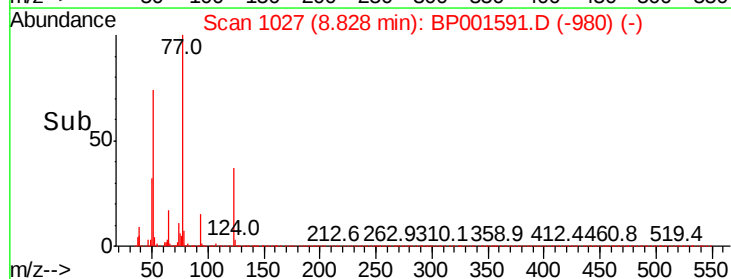
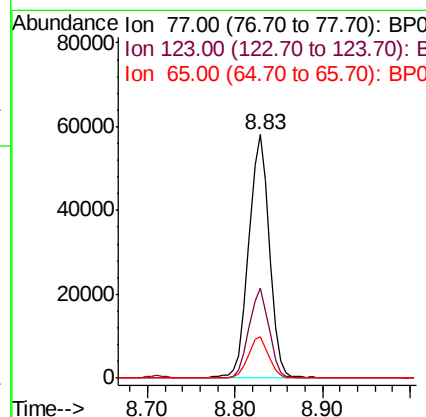
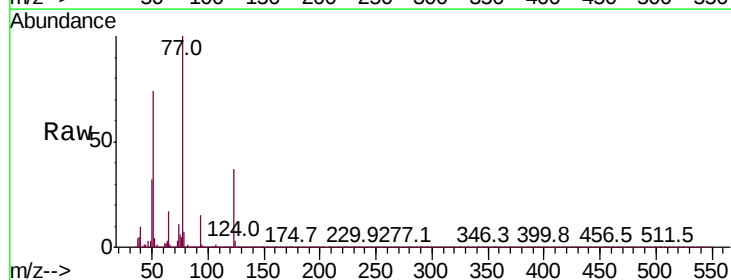
Instrument :
 BNA_P
 ClientSampleId :

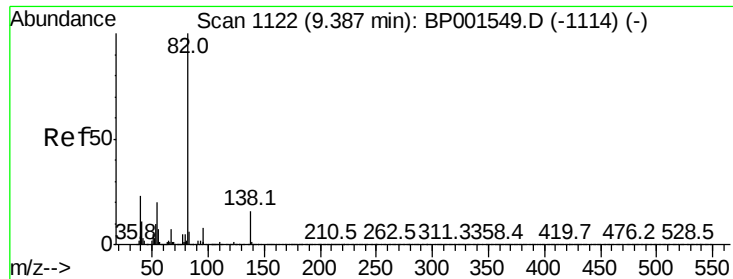
Tot Ion: 82 Resp: 186850
 Ion Ratio Lower Upper
 82 100
 128 33.6 28.4 42.6
 54 70.3 53.4 80.2



#24
 Nitrobenzene
 Concen: 37.402 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

Tgt Ion: 77 Resp: 92019
 Ion Ratio Lower Upper
 77 100
 123 37.1 31.1 46.7
 65 17.0 12.4 18.6

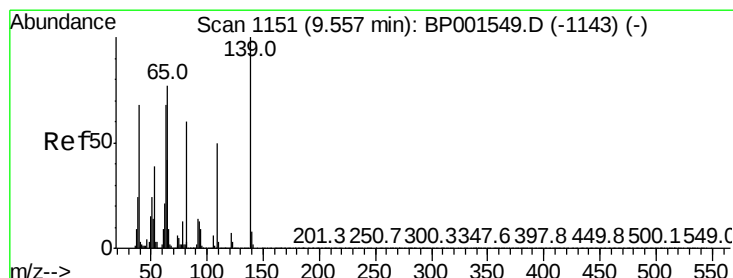
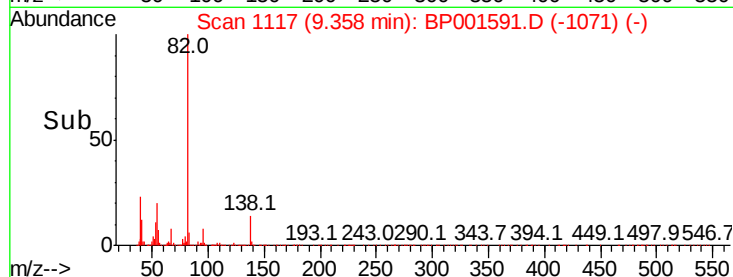
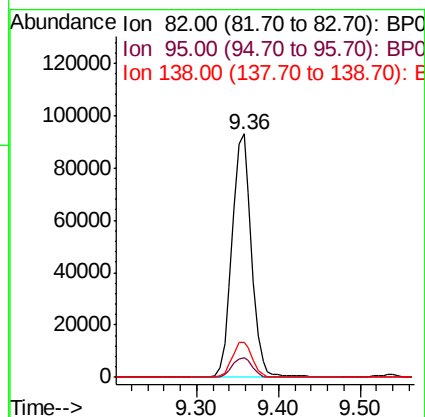
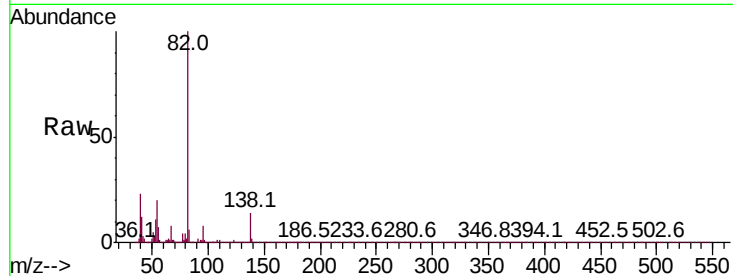




#25
Isophorone
Concen: 35.338 ng
RT: 9.36 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

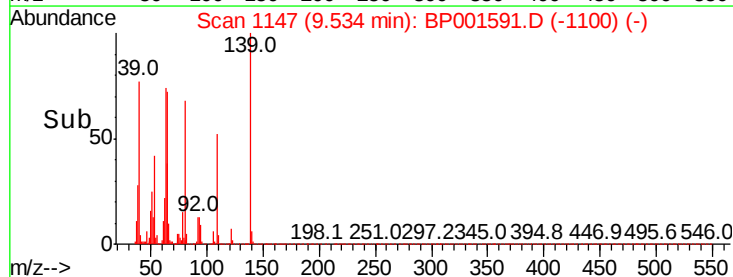
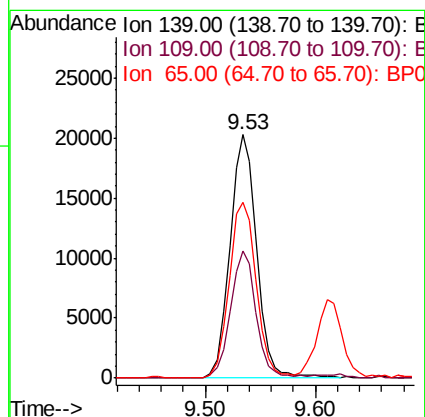
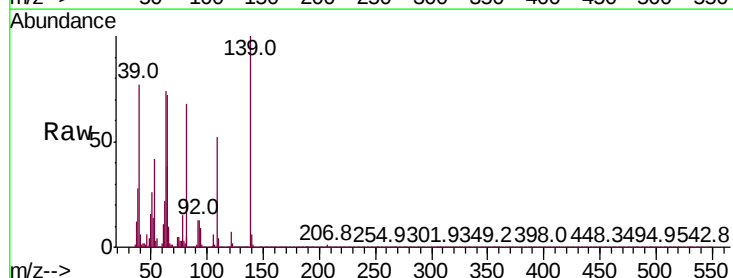
Instrument :
BNA_P
ClientSampleId :

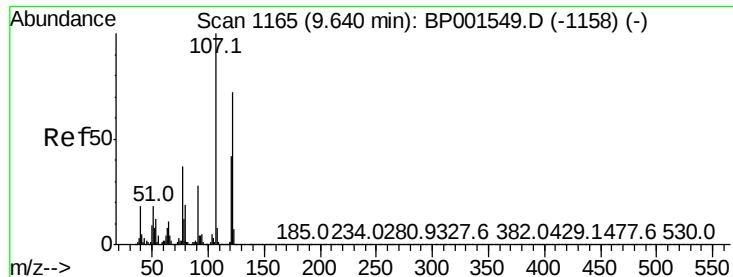
Tot Ion: 82 Resp: 154105
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 14.4 12.5 18.7



#26
2-Nitrophenol
Concen: 36.947 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion: 139 Resp: 34352
Ion Ratio Lower Upper
139 100
109 52.4 39.6 59.4
65 72.2 61.3 91.9

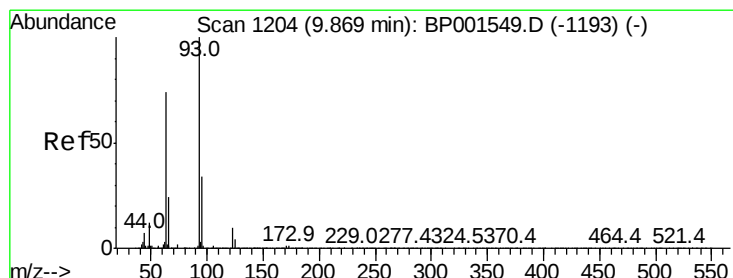
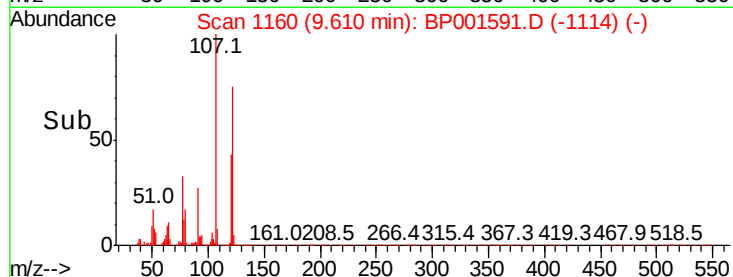
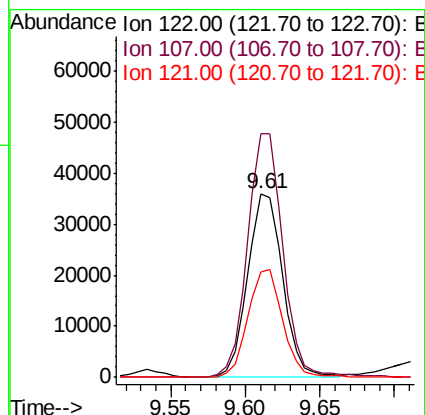
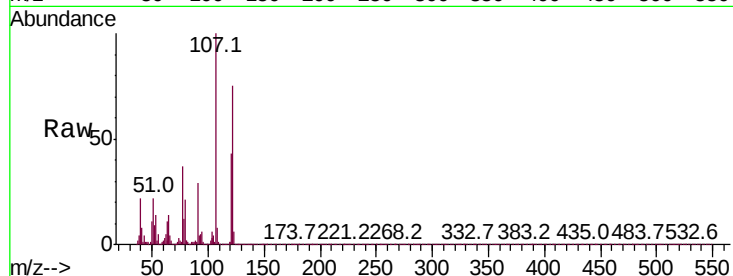




#27
2,4-Dimethylphenol
Concen: 42.009 ng
RT: 9.61 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

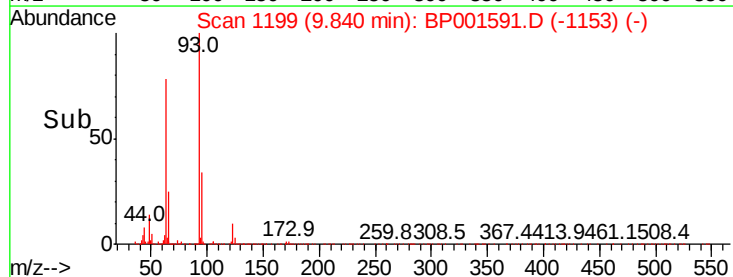
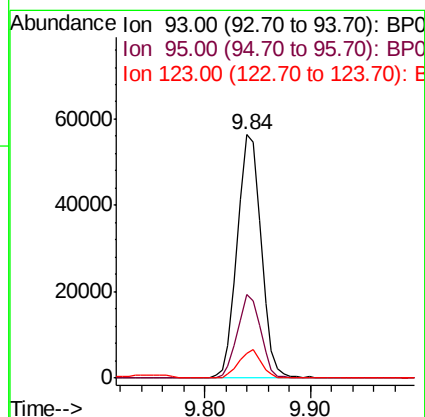
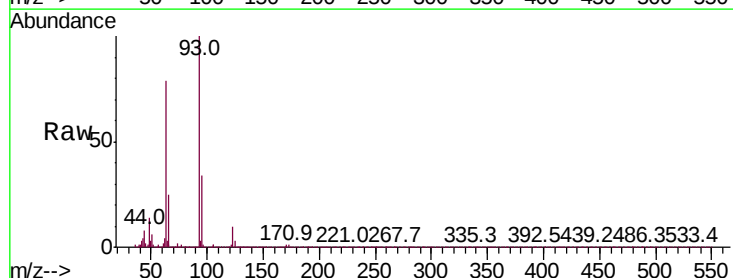
Instrument :
BNA_P
ClientSampleId :

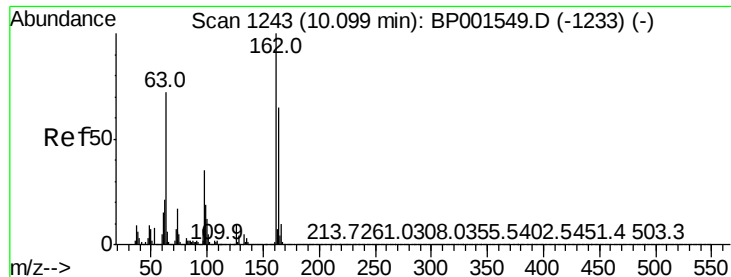
Tot Ion:122 Resp: 58351
Ion Ratio Lower Upper
122 100
107 132.7 111.8 167.6
121 57.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 34.351 ng
RT: 9.84 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion: 93 Resp: 87757
Ion Ratio Lower Upper
93 100
95 34.4 26.9 40.3
123 10.3 8.0 12.0

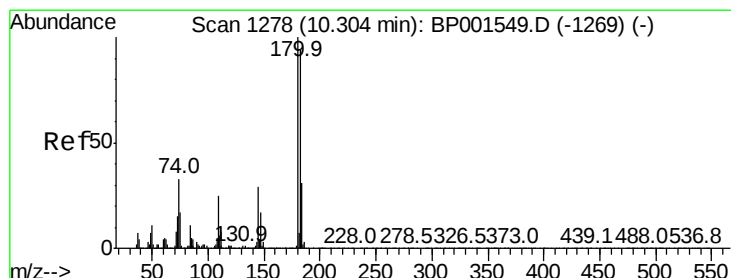
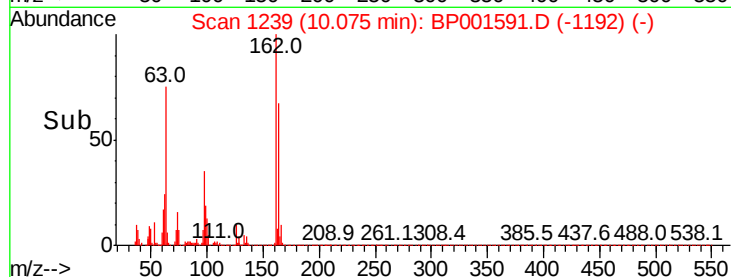
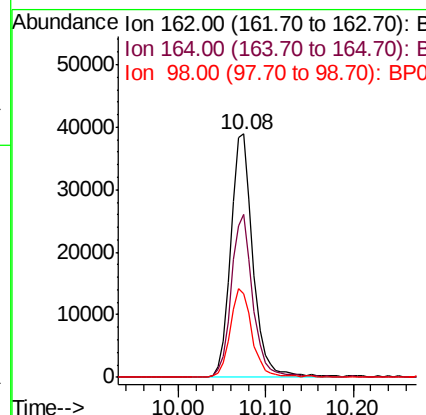
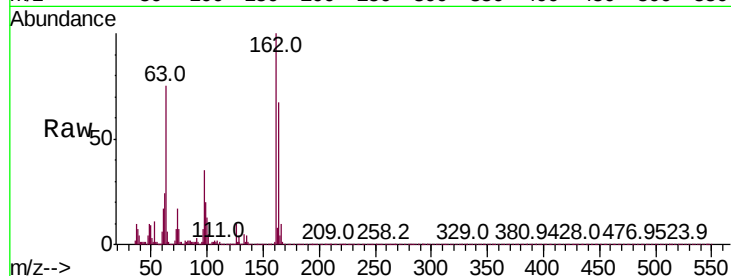




#29
2,4-Dichlorophenol
Concen: 35.849 ng
RT: 10.08 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

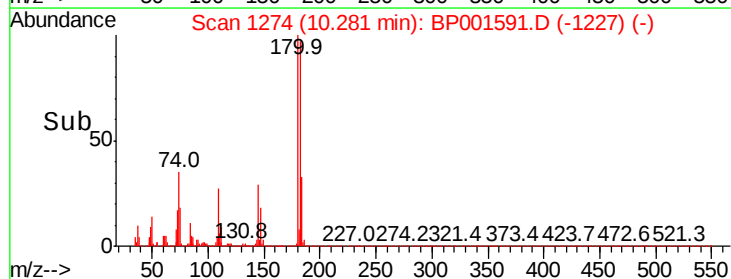
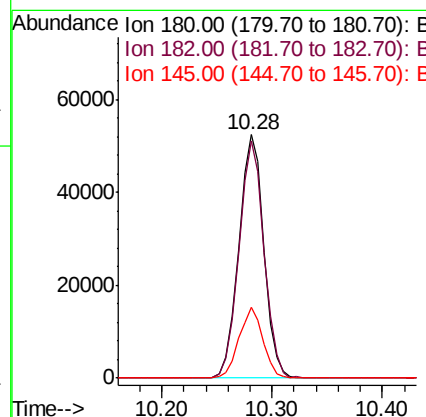
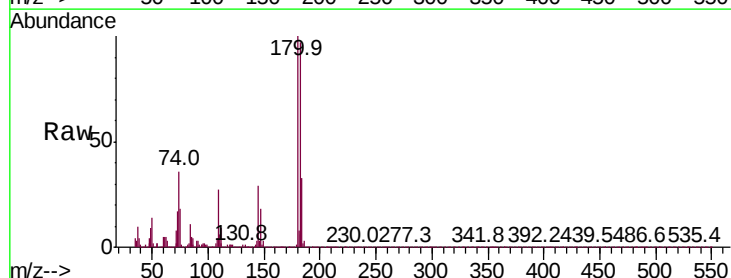
Instrument :
BNA_P
ClientSampled :

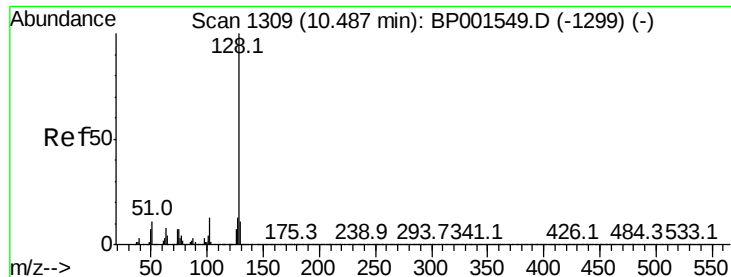
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	44.9	84.9
98	34.6	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 36.162 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.2	112.8
145	28.9	22.9	34.3

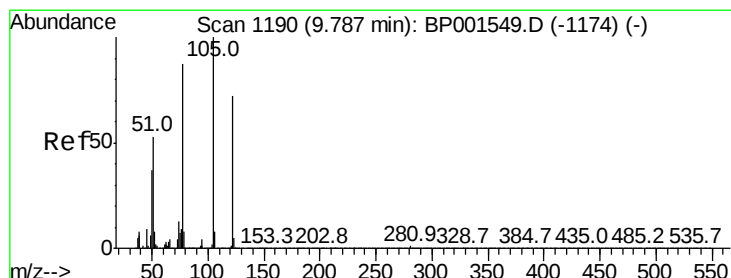
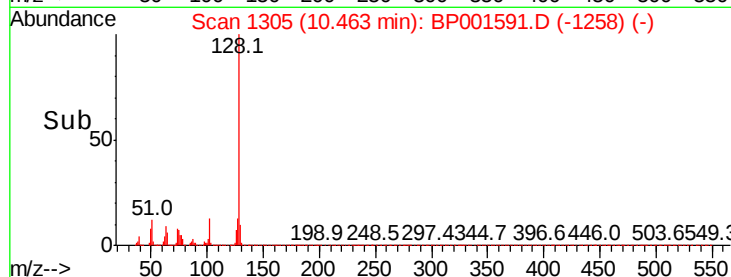
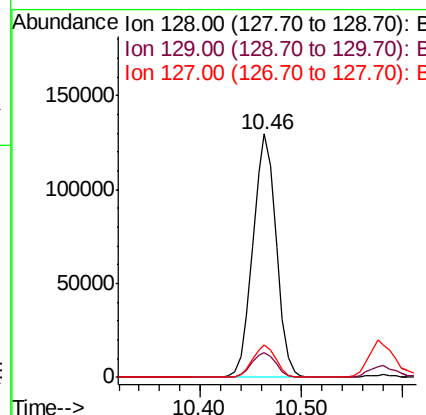
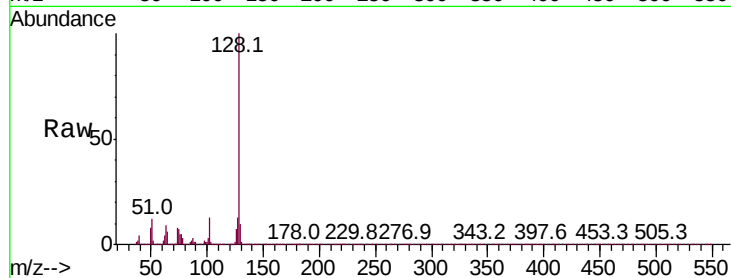




#31
Naphthalene
Concen: 36.775 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

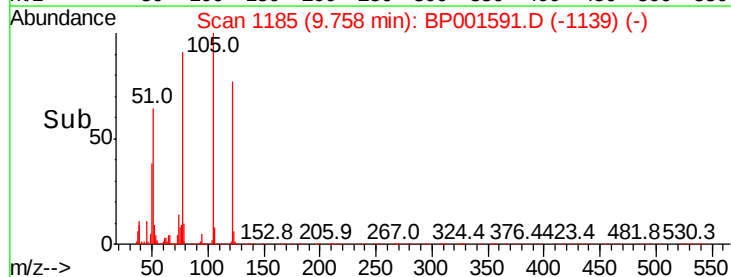
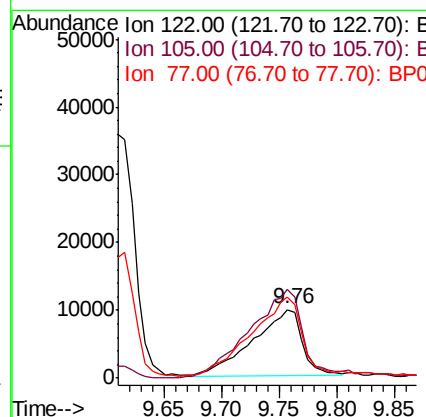
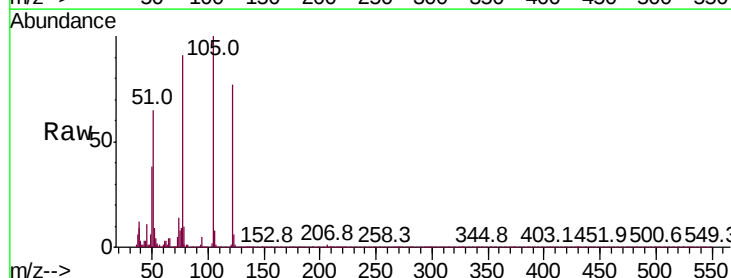
Instrument :
BNA_P
ClientSampleId :

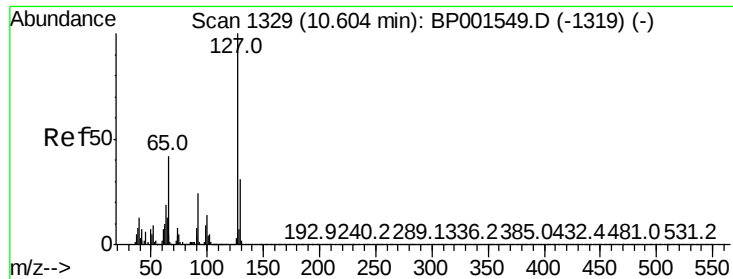
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	13.2	10.6	16.0



#32
Benzoic acid
Concen: 25.410 ng
RT: 9.76 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	119.5	159.5
77	118.2	102.8	142.8

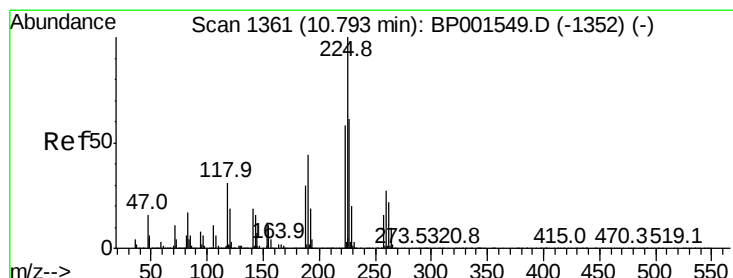
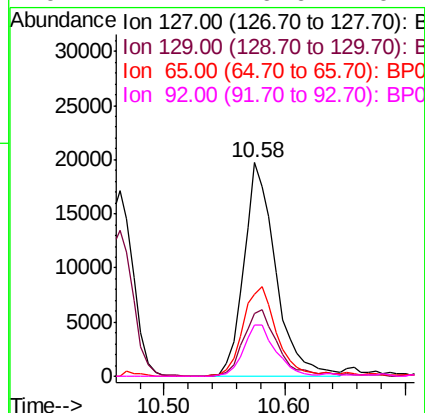
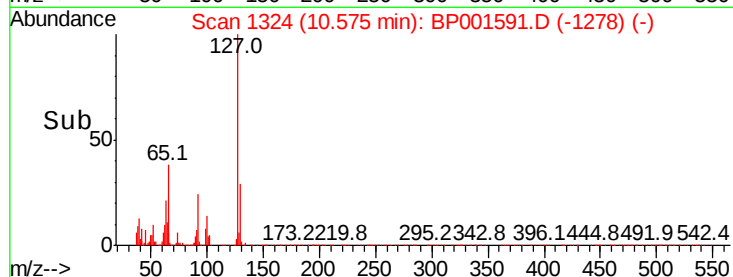
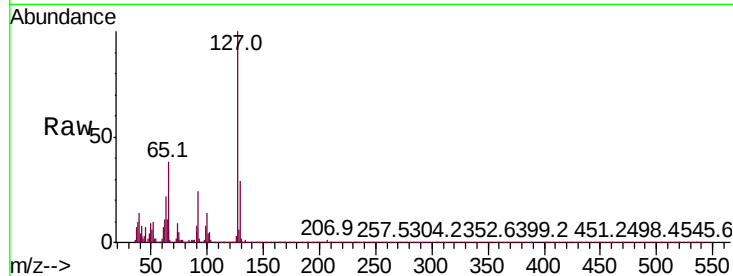




#33
4-Chloroaniline
Concen: 14.052 ng
RT: 10.58 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

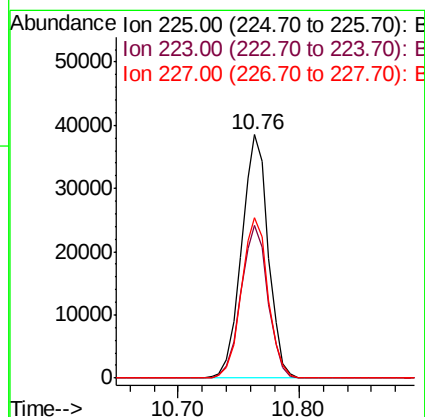
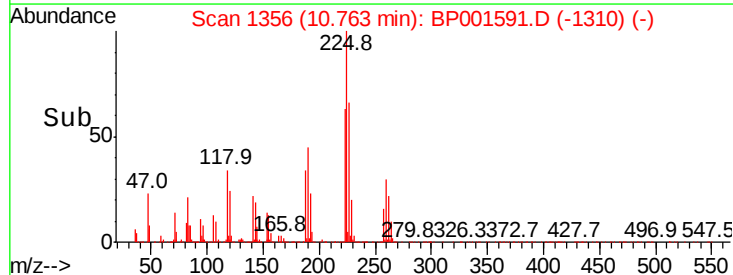
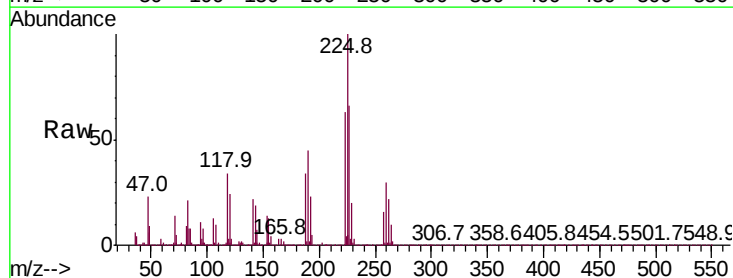
Instrument :
BNA_P
ClientSampleId :

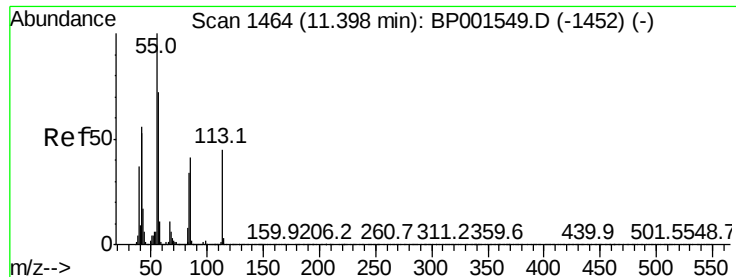
Tot Ion:127	Resp:	36285	
Ion Ratio	Lower	Upper	
127 100			
129 29.4	24.9	37.3	
65 38.4	33.3	49.9	
92 24.2	19.6	29.4	



#34
Hexachlorobutadiene
Concen: 36.283 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt	Ion:225	Resp:	58952
Ion	Ratio	Lower	Upper
225	100		
223	62.7	46.5	69.7
227	66.0	48.8	73.2

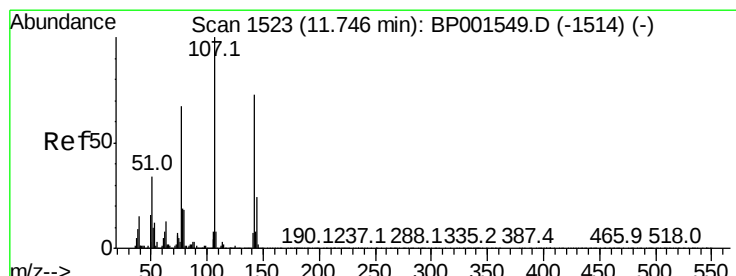
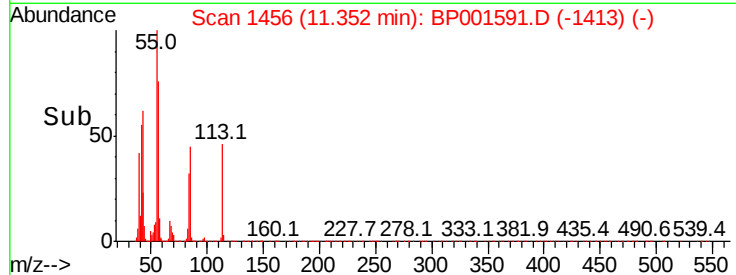
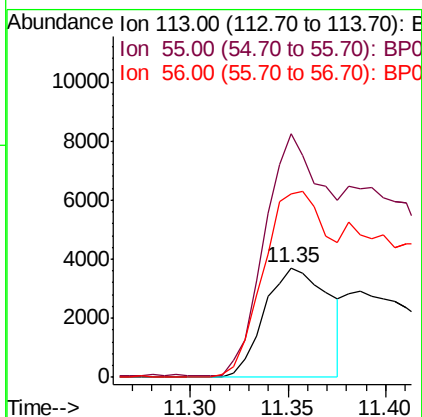
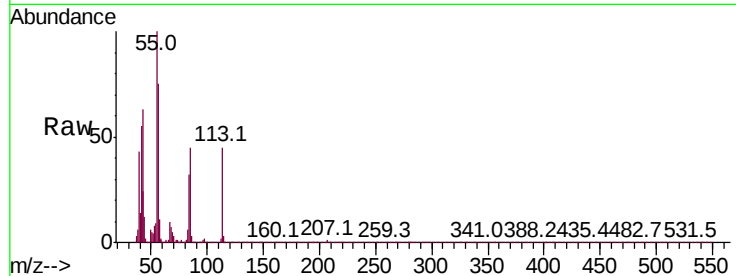




#35
 Caprolactam
 Concen: 12.252 ng
 RT: 11.35 min Scan# 1456
 Delta R.T. -0.05 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

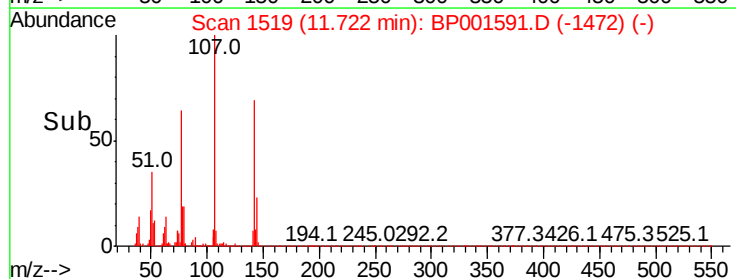
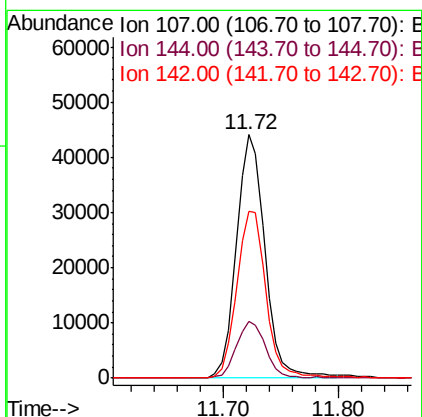
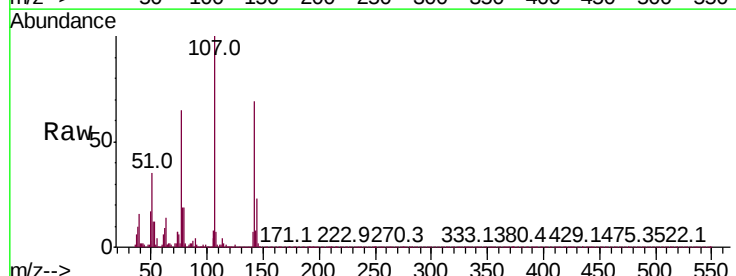
Instrument :
 BNA_P
 ClientSampled :

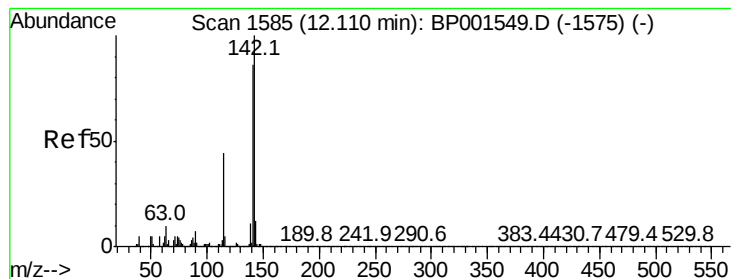
Tot Ion:113 Resp: 8459
 Ion Ratio Lower Upper
 113 100
 55 221.7 202.7 242.7
 56 167.3 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 33.068 ng
 RT: 11.72 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

Tgt Ion:107 Resp: 75453
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.9 28.3
 142 68.7 58.0 87.0





#37

2-Methylnaphthalene

Concen: 35.111 ng

RT: 12.09 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

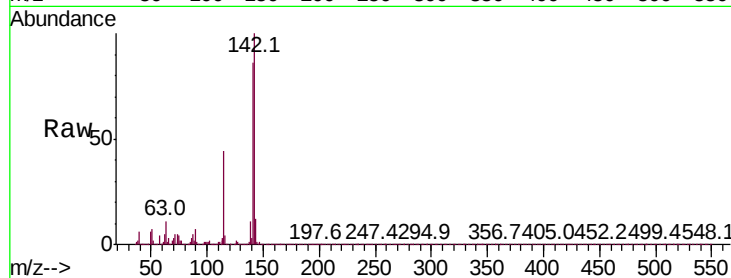
Tot Ion:142 Resp: 156935

Ion Ratio Lower Upper

142 100

141 85.8 68.4 102.6

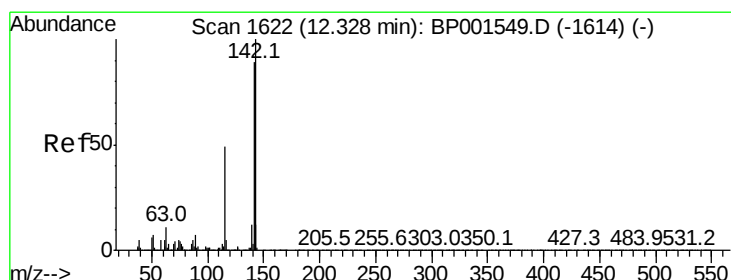
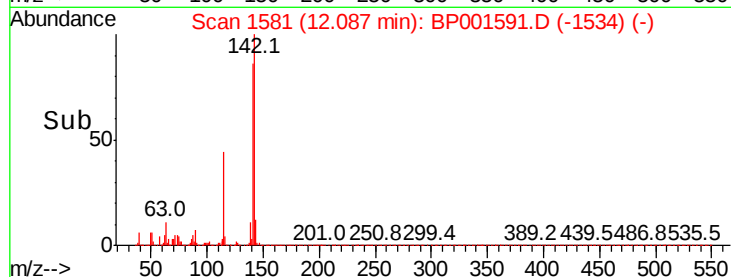
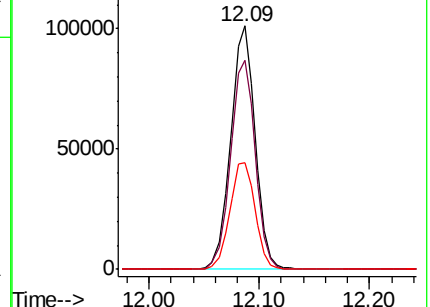
115 43.8 35.1 52.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.388 ng

RT: 12.30 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

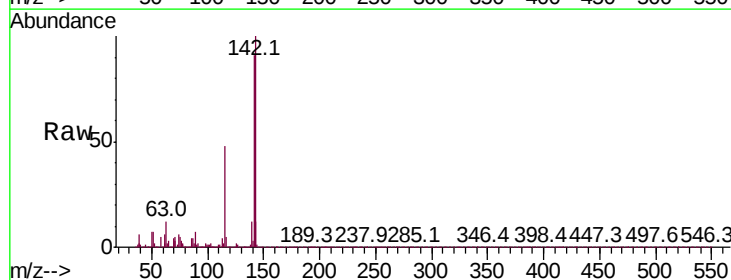
Tgt Ion:142 Resp: 147911

Ion Ratio Lower Upper

142 100

141 90.5 70.9 106.3

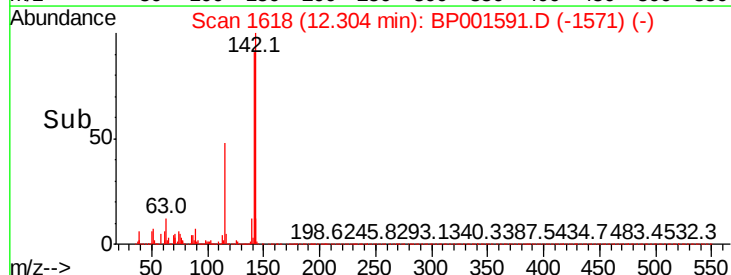
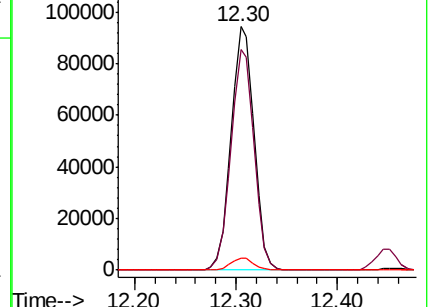
116 5.0 4.1 6.1

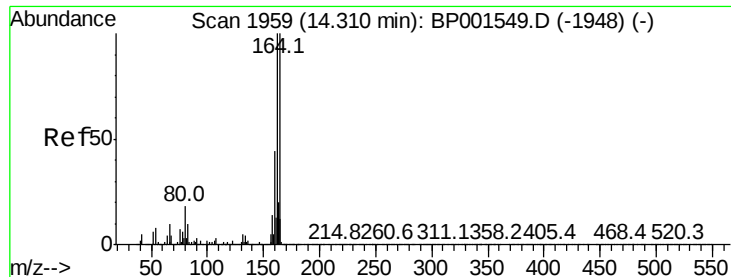


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

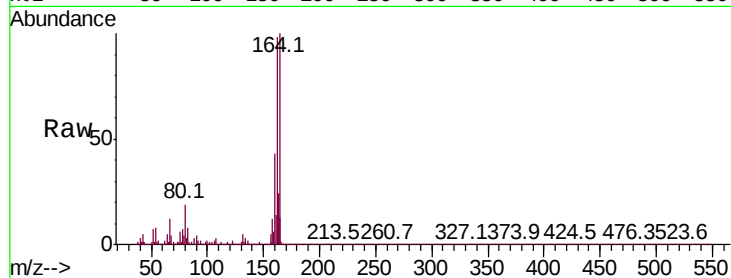
Tot Ion:164 Resp: 71238

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.6

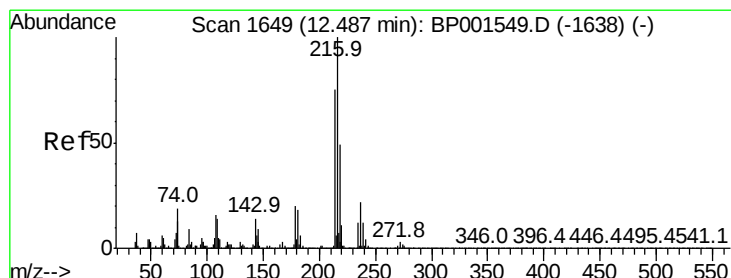
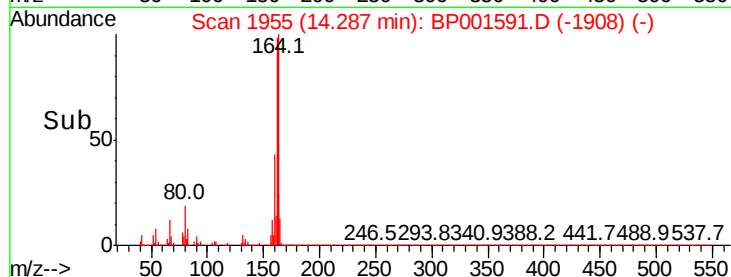
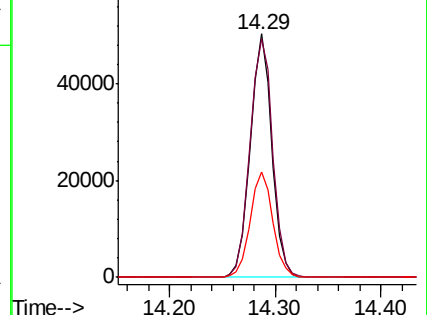
160 43.1 35.0 52.6



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: 42.996 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:216 Resp: 104924

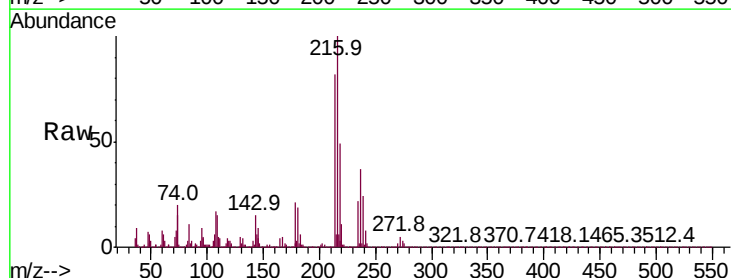
Ion Ratio Lower Upper

216 100

214 78.8 61.3 91.9

179 20.2 15.7 23.5

108 20.9 14.2 21.4

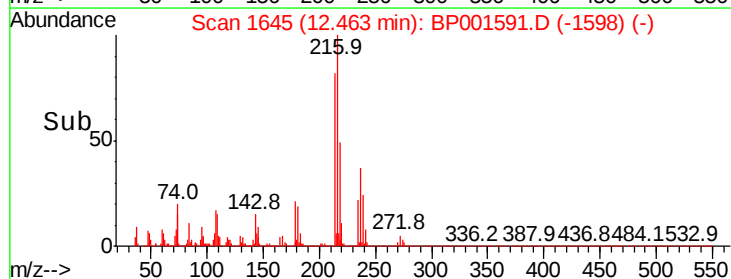
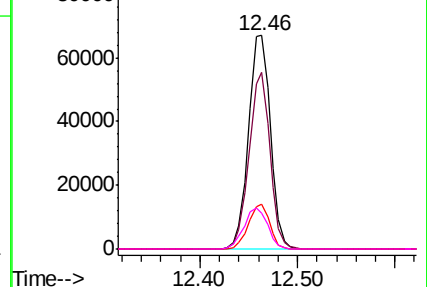


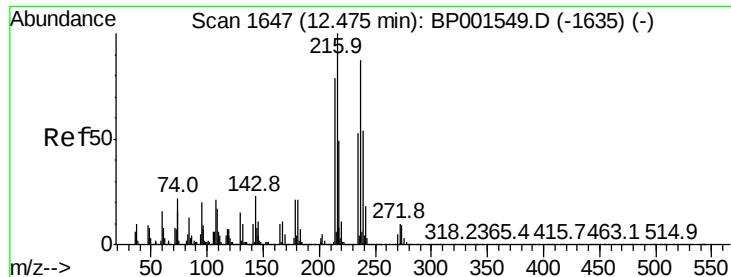
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.236 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

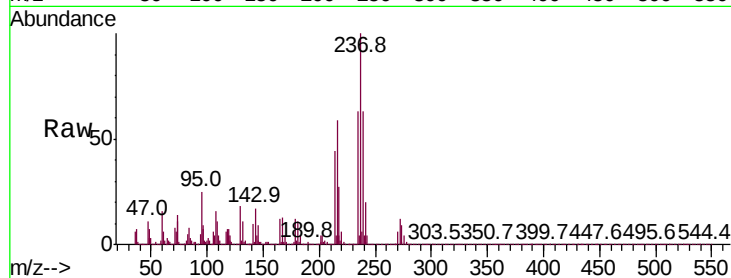
Tot Ion:237 Resp: 111698

Ion Ratio Lower Upper

237 100

235 63.4 41.6 81.6

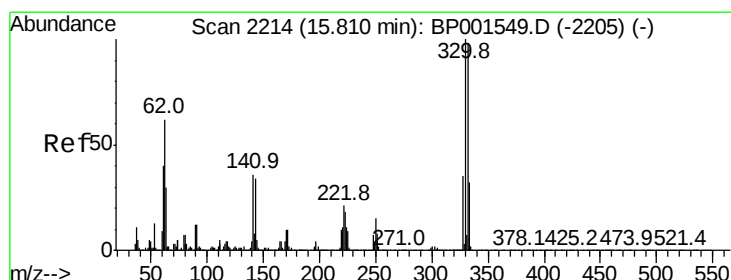
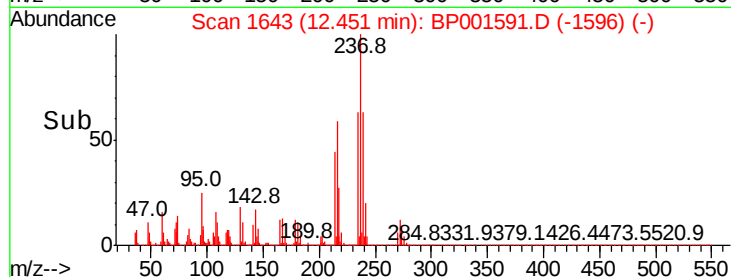
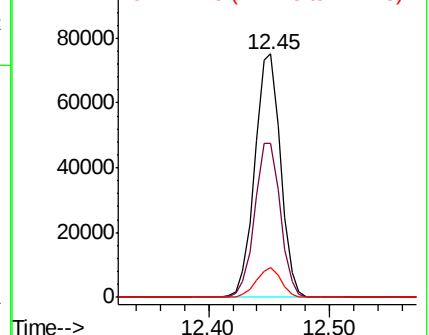
272 12.5 0.0 31.2



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: 114.340 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

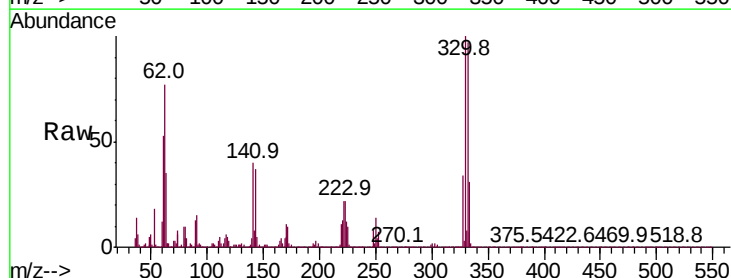
Tgt Ion:330 Resp: 123989

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

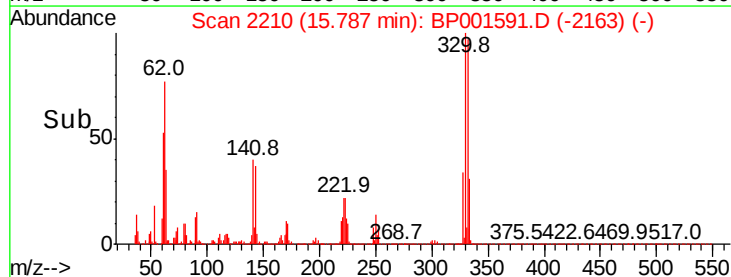
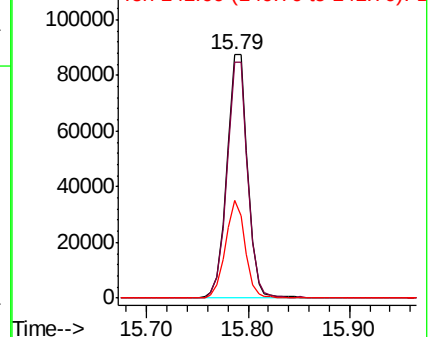
141 38.3 28.7 43.1

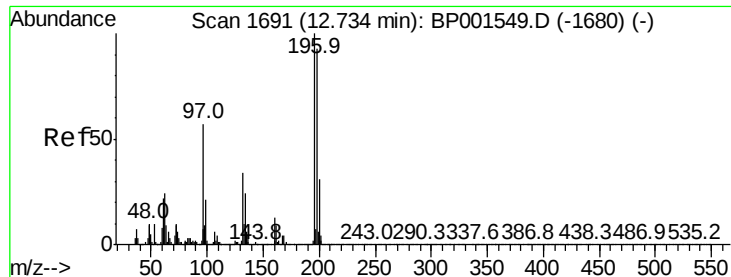


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

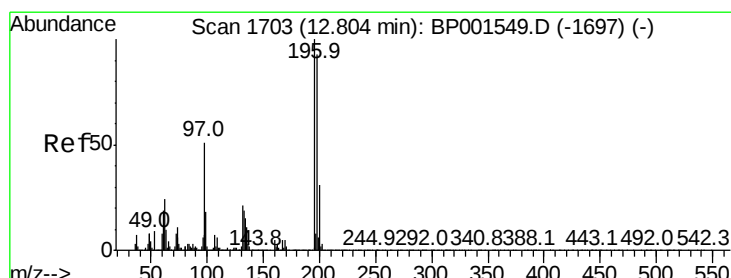
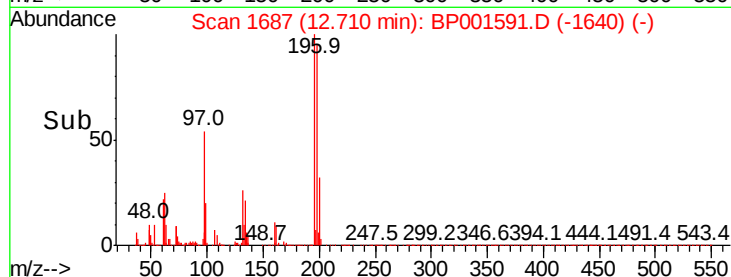
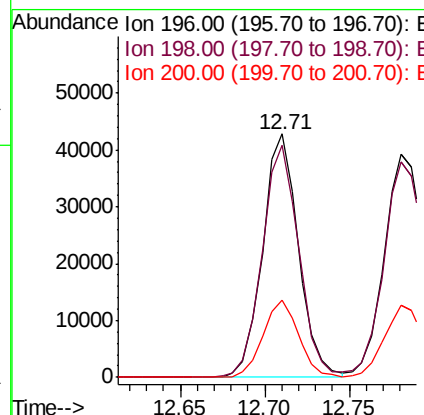
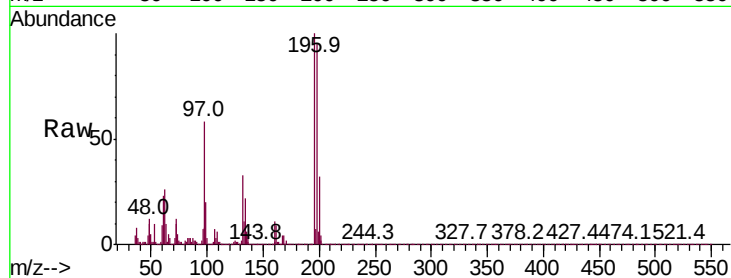




#43
2,4,6-Trichlorophenol
Concen: 40.075 ng
RT: 12.71 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

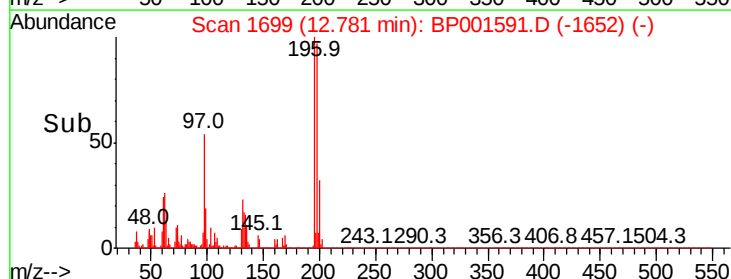
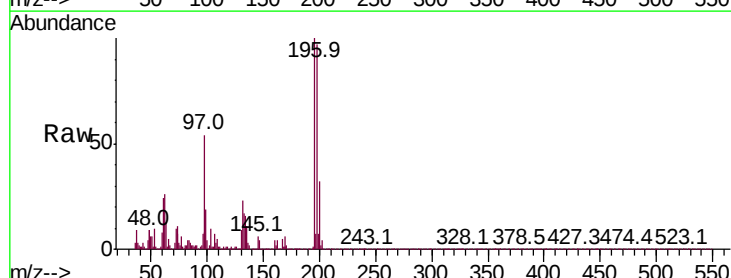
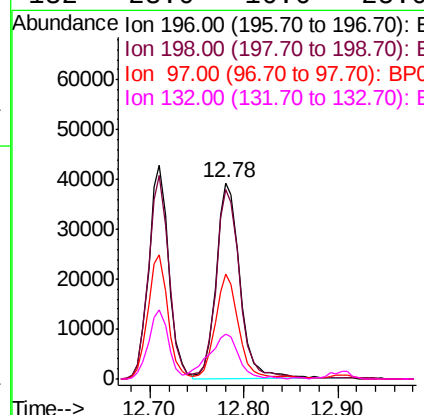
Instrument :
BNA_P
ClientSampled :

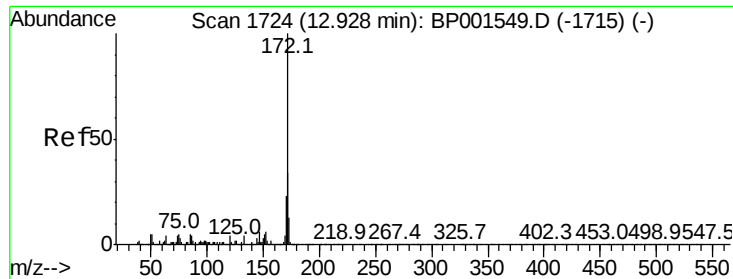
Tot Ion:196 Resp: 63072
Ion Ratio Lower Upper
196 100
198 95.3 74.2 111.4
200 31.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 41.465 ng
RT: 12.78 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:196 Resp: 69347
Ion Ratio Lower Upper
196 100
198 96.7 74.6 111.8
97 53.7 41.0 61.6
132 23.0 16.6 25.0

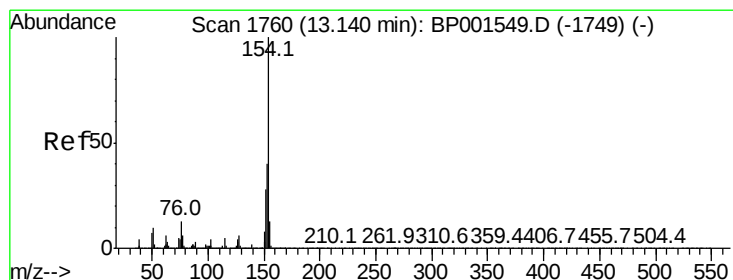
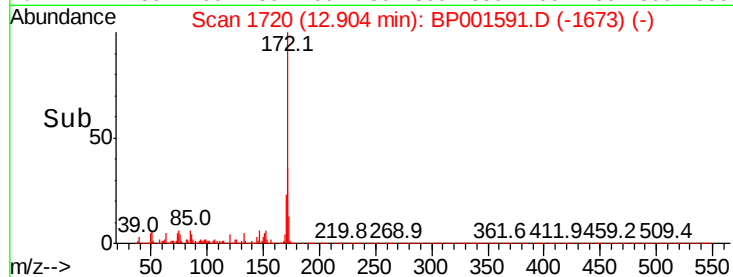
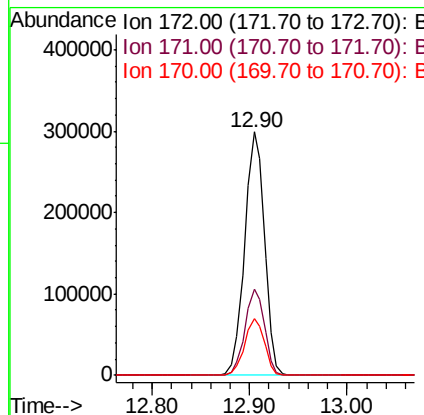
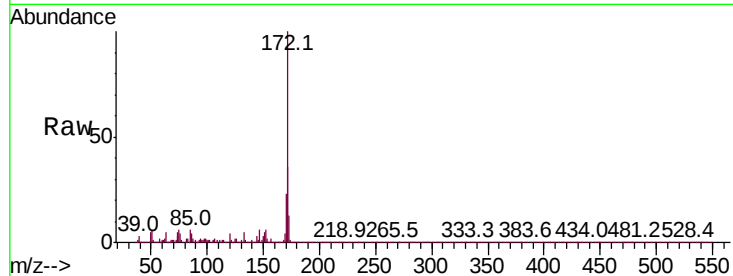




#45
2-Fluorobiphenyl
Concen: 87.216 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

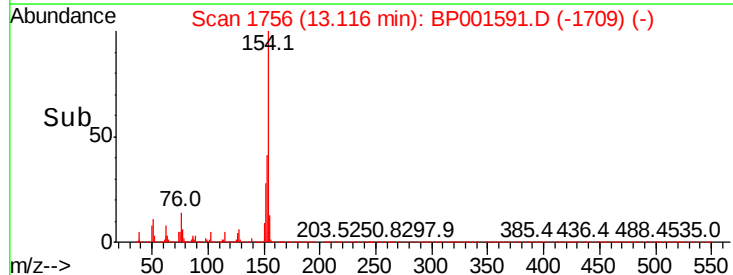
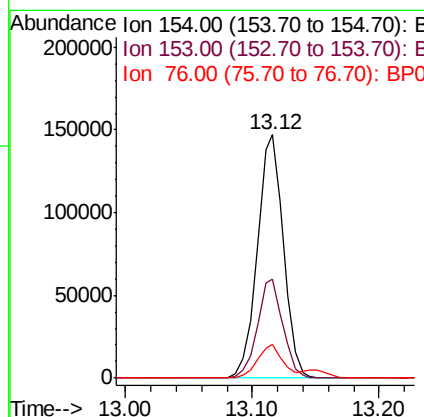
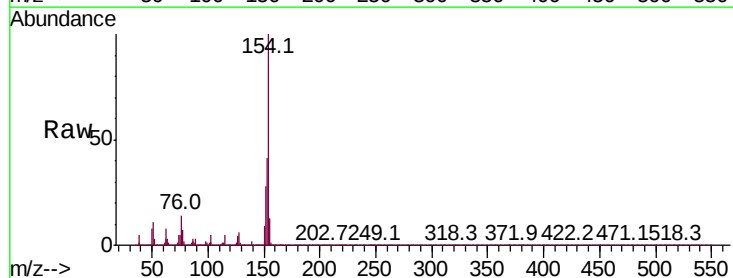
Instrument :
BNA_P
ClientSampleId :

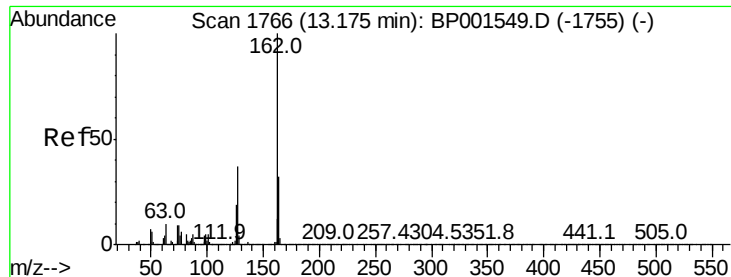
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.6	41.4
170	23.3	18.3	27.5



#46
1,1'-Biphenyl
Concen: 41.238 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.5	59.5
76	14.0	0.0	33.1

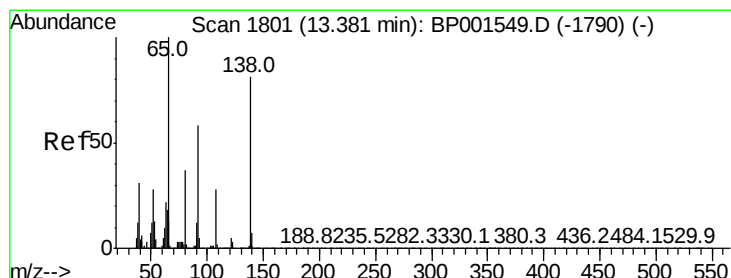
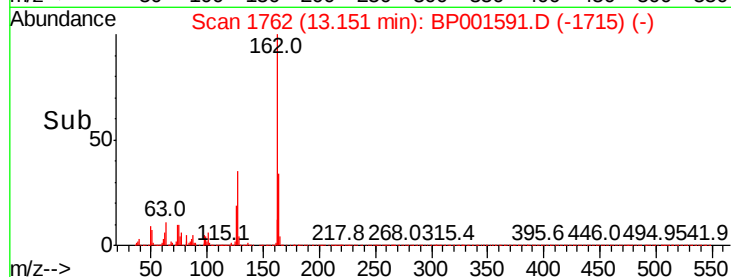
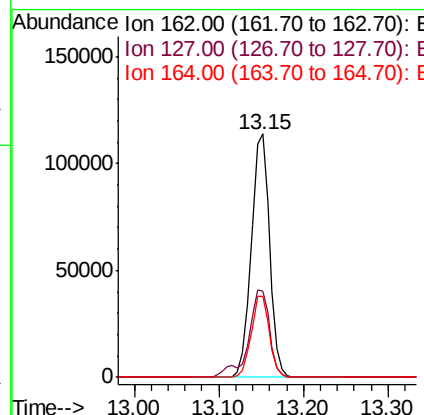
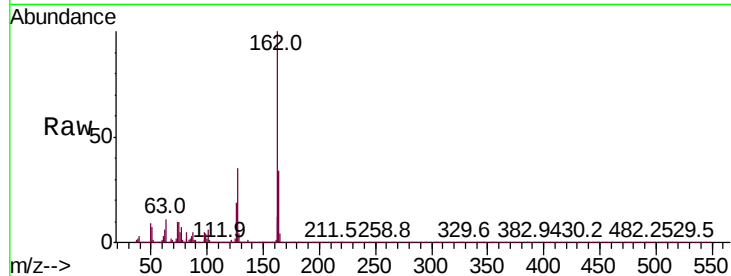




#47
2-Chloronaphthalene
Concen: 40.305 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

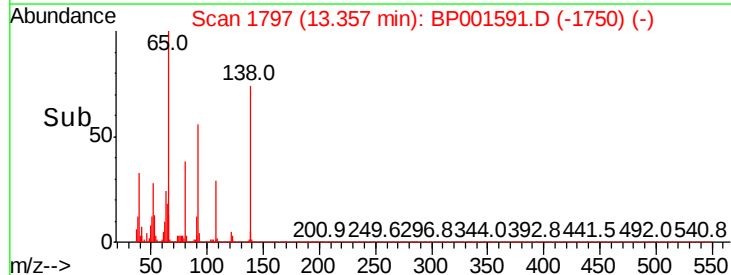
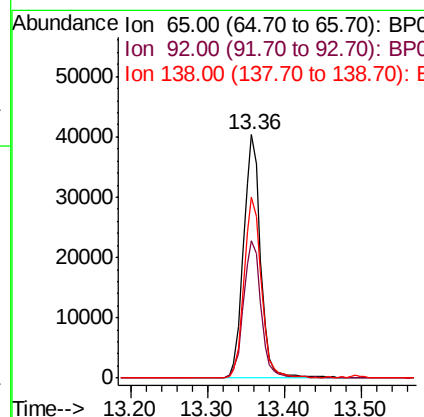
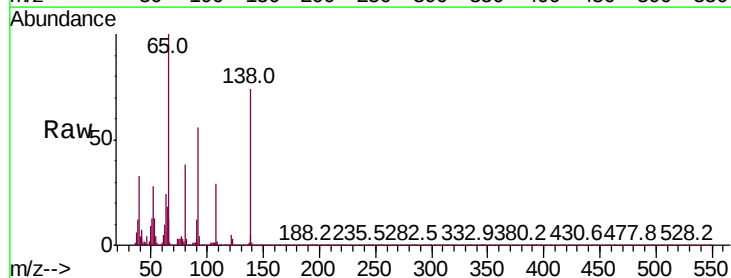
Instrument :
BNA_P
ClientSampleId :

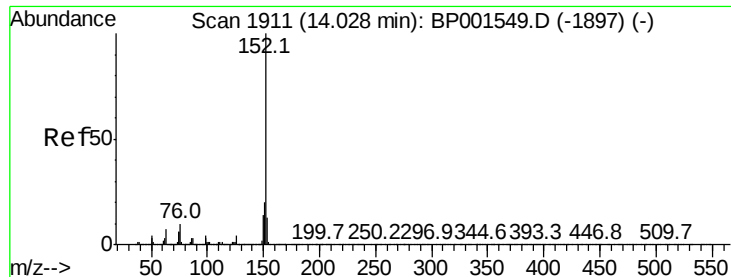
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	29.9	44.9
164	33.5	26.0	39.0



#48
2-Nitroaniline
Concen: 37.476 ng
RT: 13.36 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.2	46.2	69.2
138	74.1	64.7	97.1





#49

Acenaphthylene

Concen: 40.769 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampled :

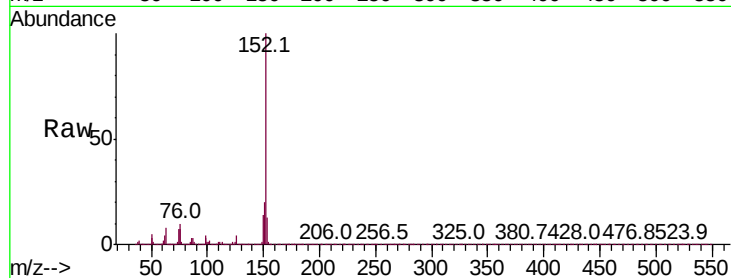
Tot Ion:152 Resp: 266758

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

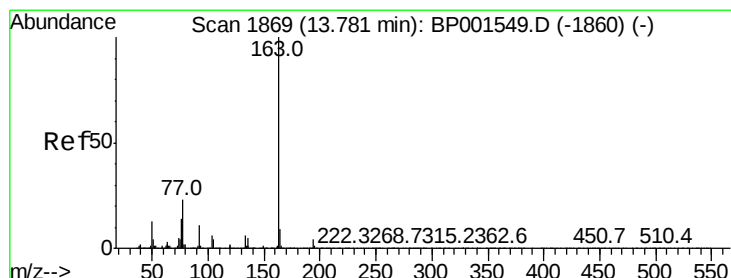
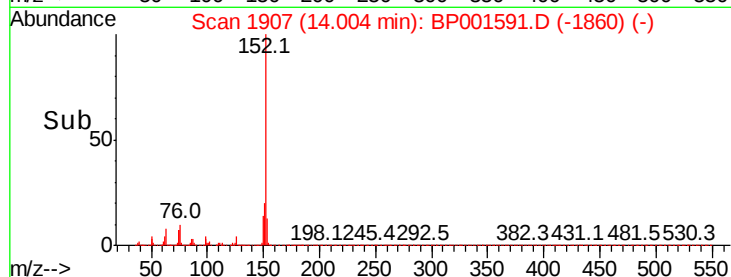
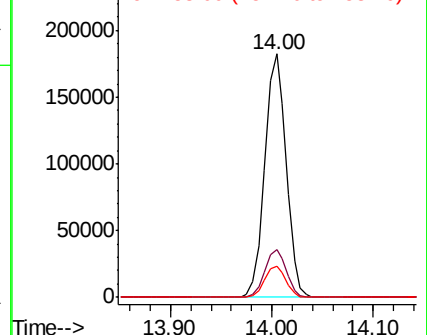
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.443 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

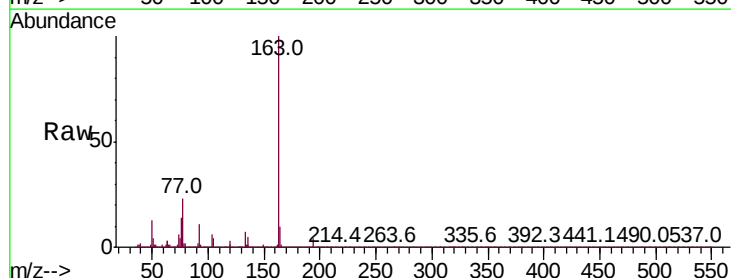
Tgt Ion:163 Resp: 213827

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

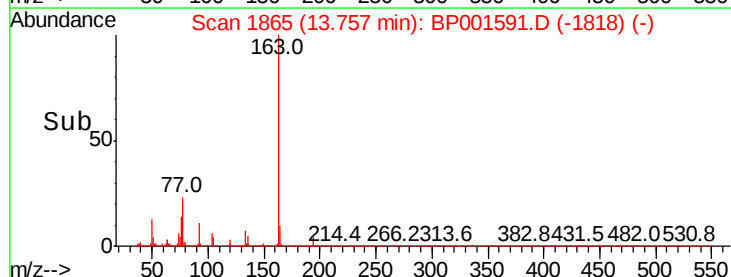
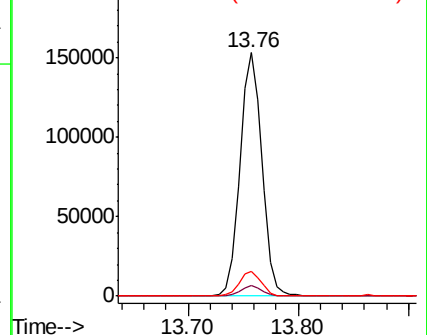
164 10.0 7.5 11.3

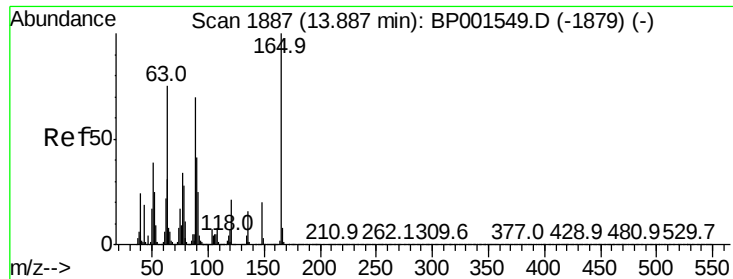


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.446 ng

RT: 13.86 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

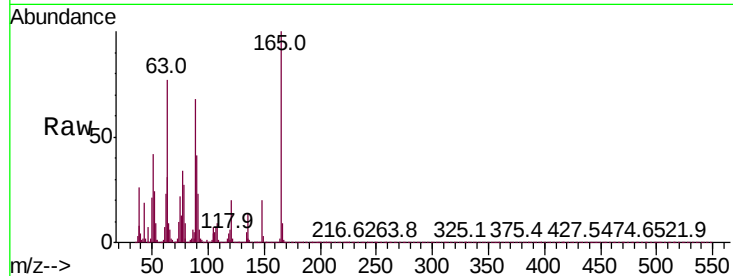
Tot Ion:165 Resp: 47837

Ion Ratio Lower Upper

165 100

63 76.9 60.9 91.3

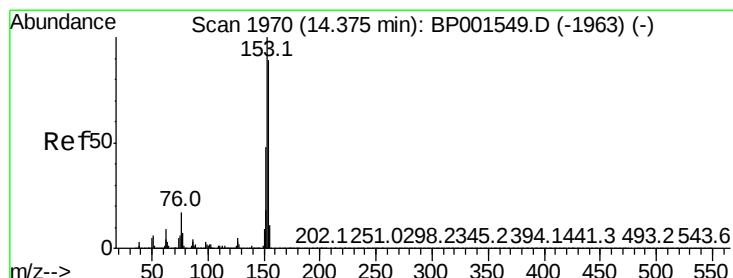
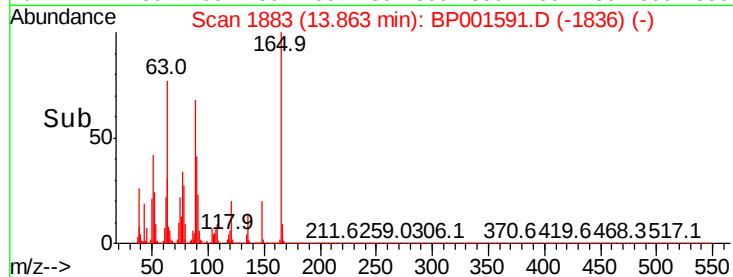
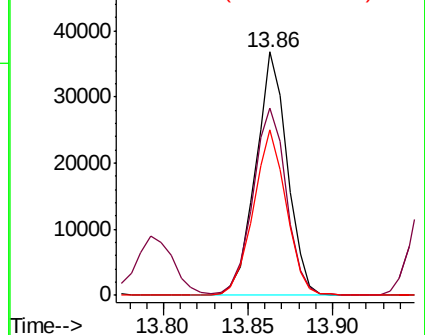
89 67.9 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 38.509 ng

RT: 14.35 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

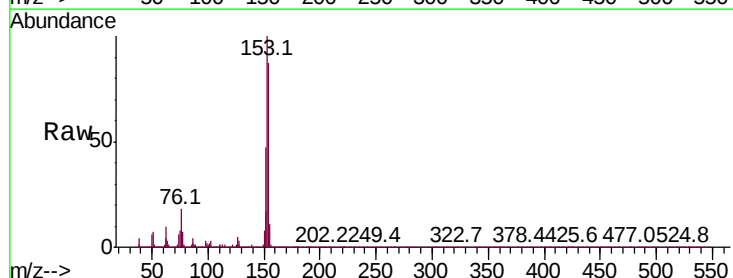
Tgt Ion:154 Resp: 156055

Ion Ratio Lower Upper

154 100

153 114.9 89.4 134.2

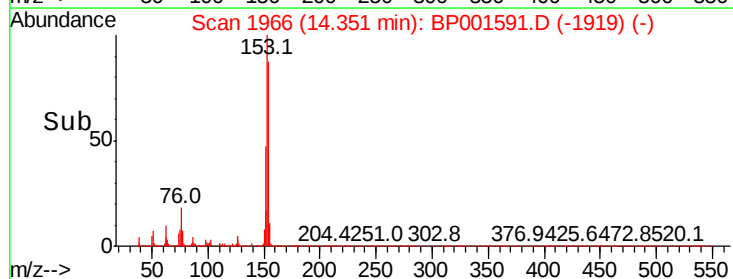
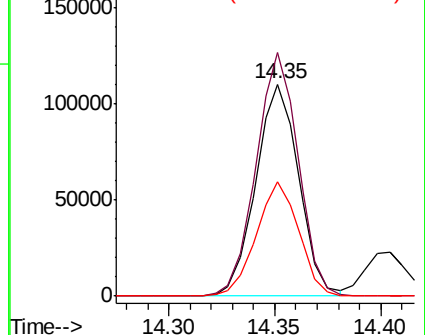
152 54.0 42.6 64.0

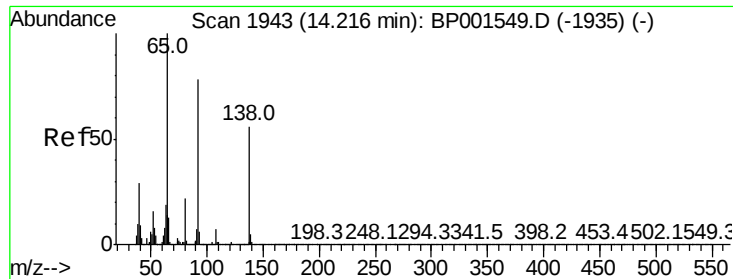


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.547 ng

RT: 14.19 min Scan# 1939

Delta R.T. -0.02 min

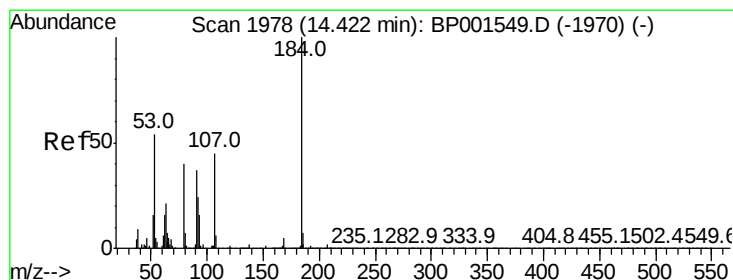
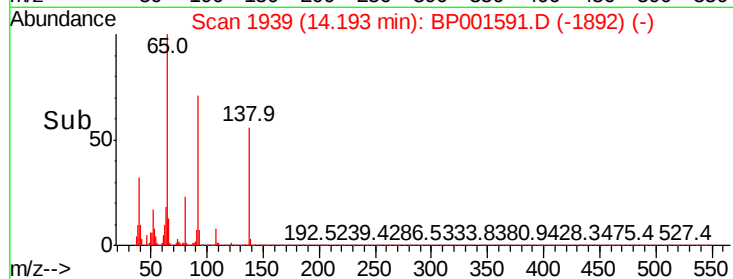
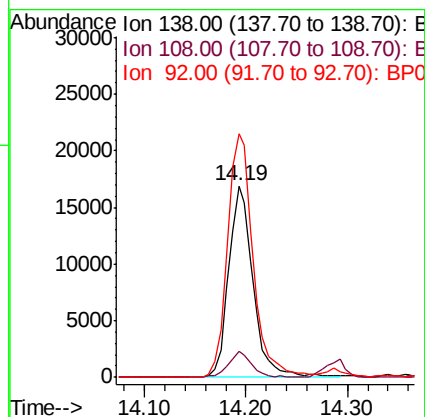
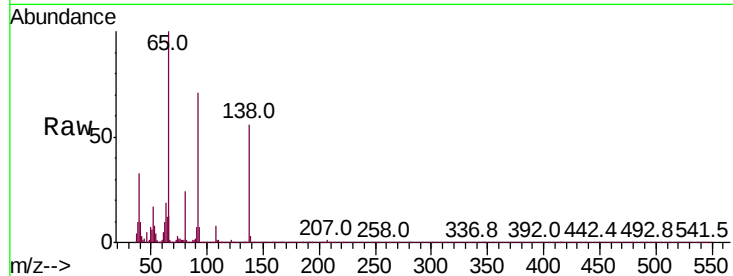
Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :
BNA_P
ClientSampled :

Tot Ion:138 Resp: 28307

Ion	Ratio	Lower	Upper
138	100		
108	13.8	9.9	14.9
92	127.4	110.6	166.0



#54

2,4-Dinitrophenol

Concen: 71.900 ng

RT: 14.40 min Scan# 1975

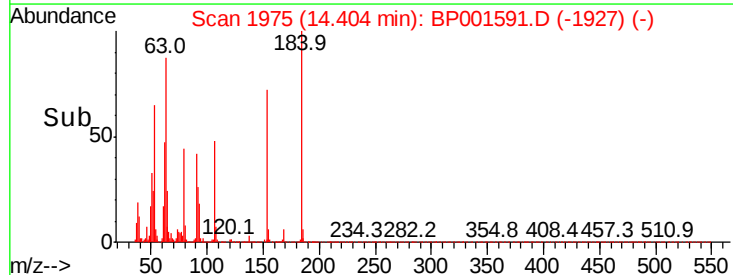
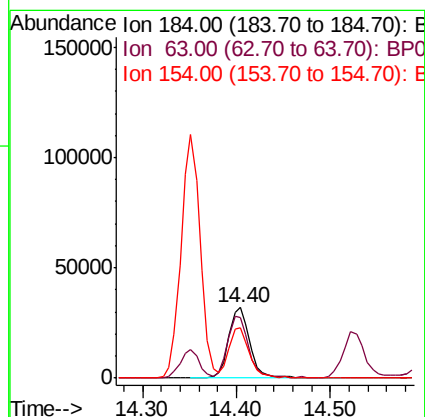
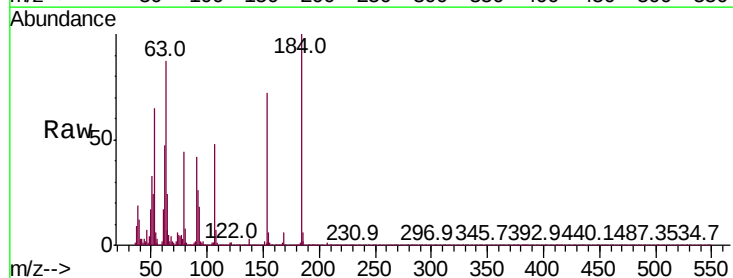
Delta R.T. -0.02 min

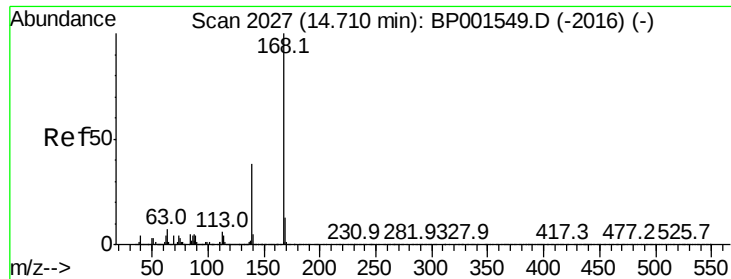
Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:184 Resp: 50302

Ion	Ratio	Lower	Upper
184	100		
63	87.0	59.7	89.5
154	71.7	53.9	80.9

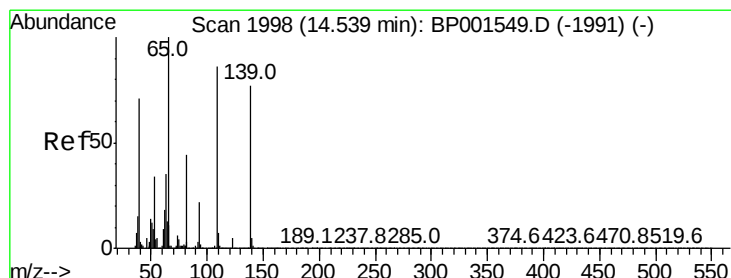
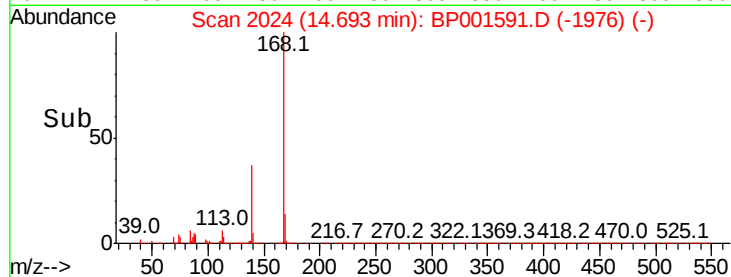
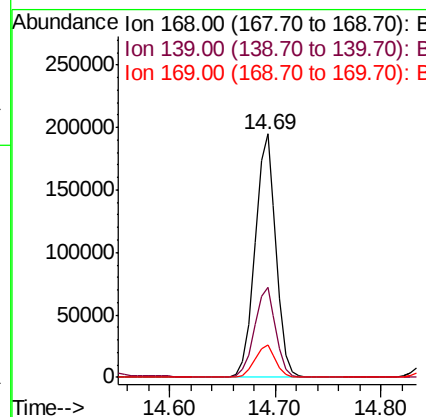
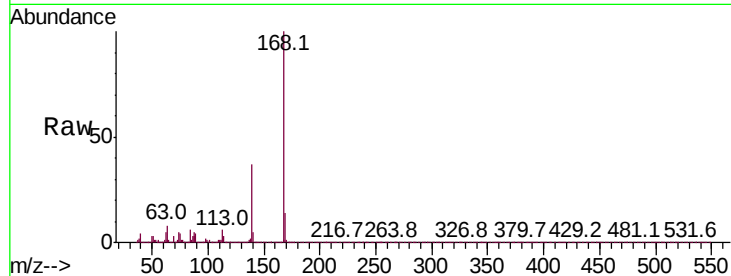




#55
Dibenzofuran
Concen: 39.244 ng
RT: 14.69 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

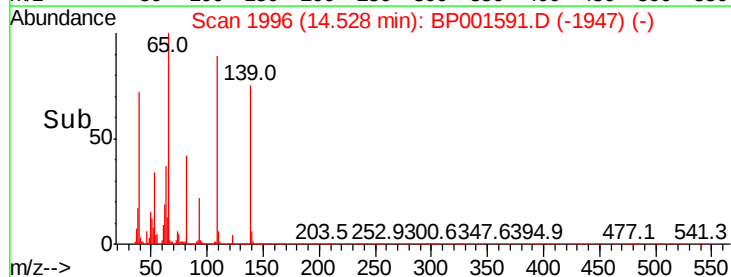
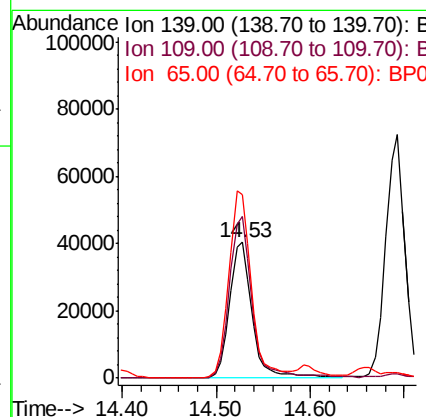
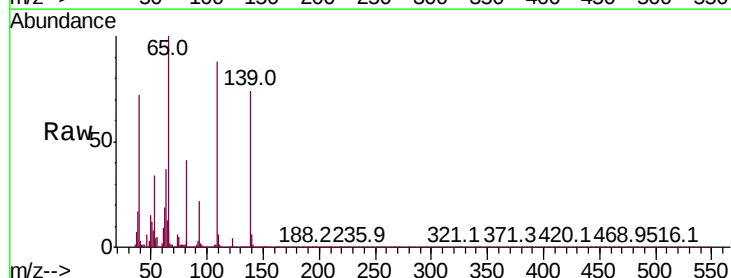
Instrument :
BNA_P
ClientSampled :

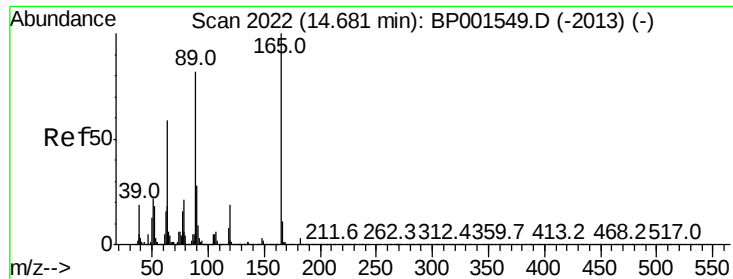
Tot Ion:168 Resp: 268931
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.4
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 65.319 ng
RT: 14.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:139 Resp: 68523
Ion Ratio Lower Upper
139 100
109 119.1 92.7 132.7
65 135.1 111.1 151.1

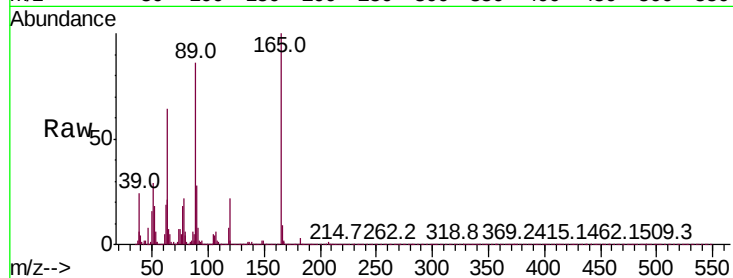




#57
2,4-Dinitrotoluene
Concen: 35.992 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.9	47.3	70.9
89	86.2	65.4	98.0
182	2.9	2.5	3.7

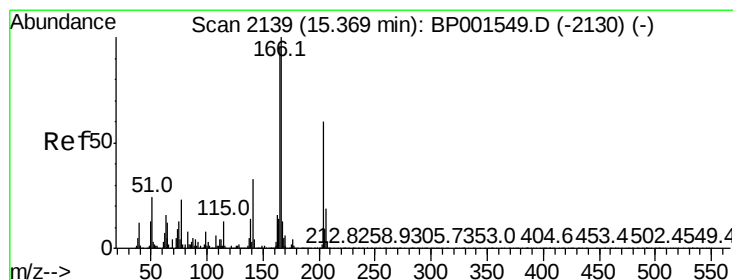
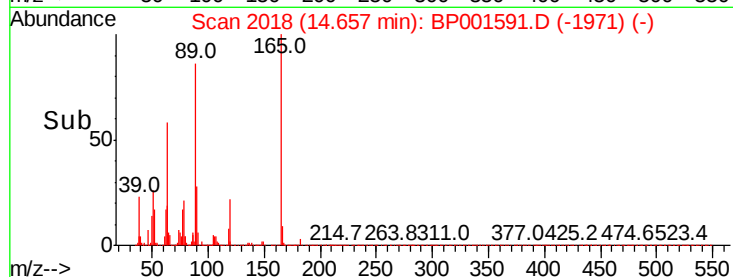
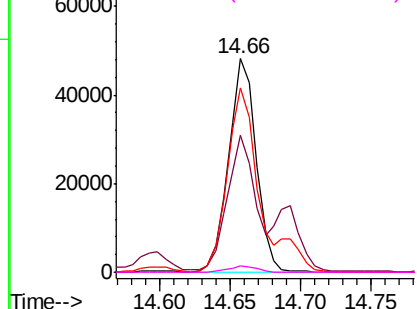


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

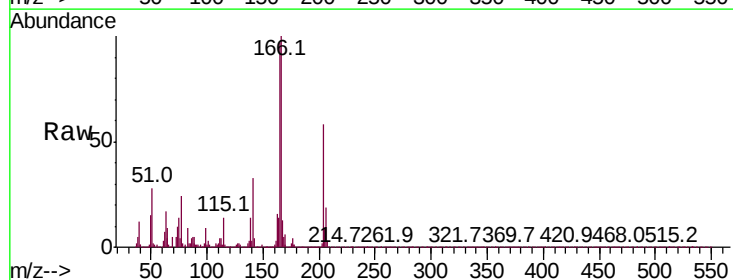
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.351 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

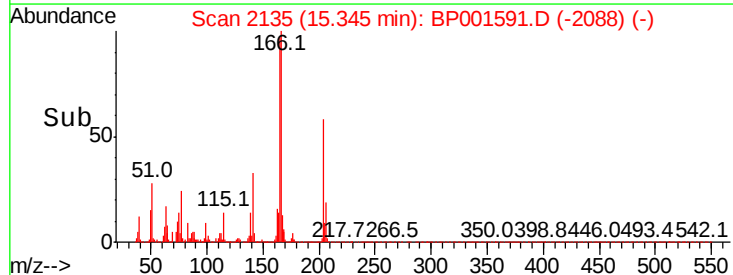
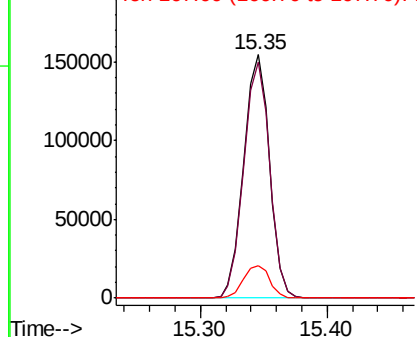
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.9	115.3
167	13.1	10.3	15.5

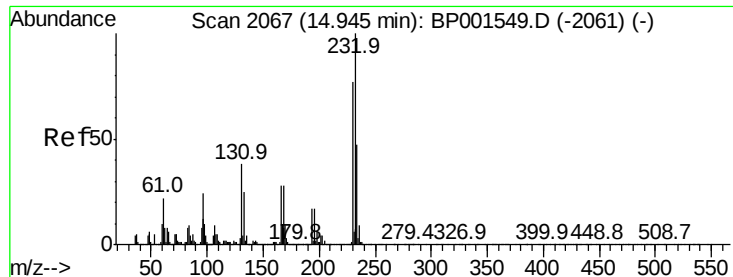


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

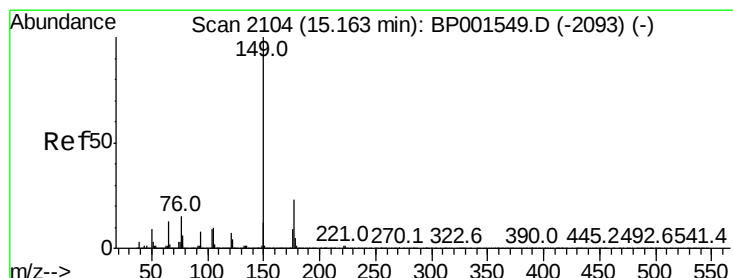
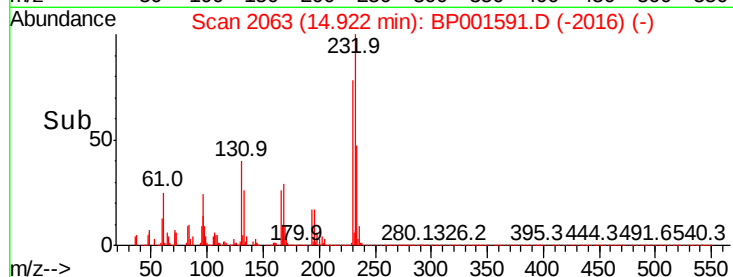
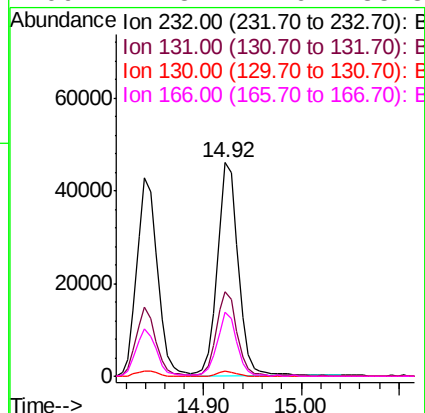
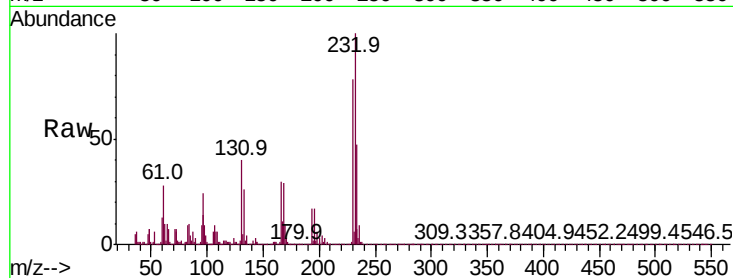




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.624 ng
RT: 14.92 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

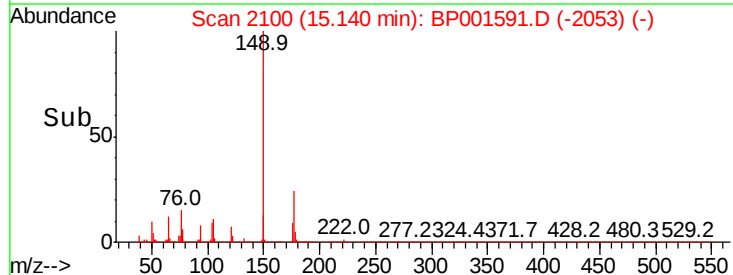
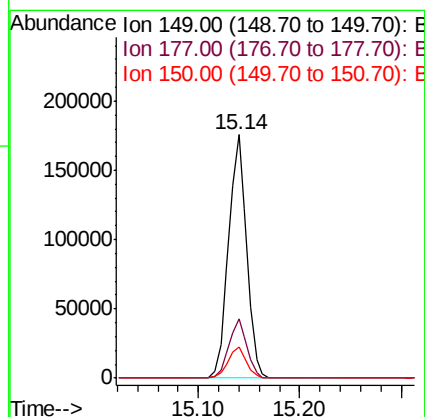
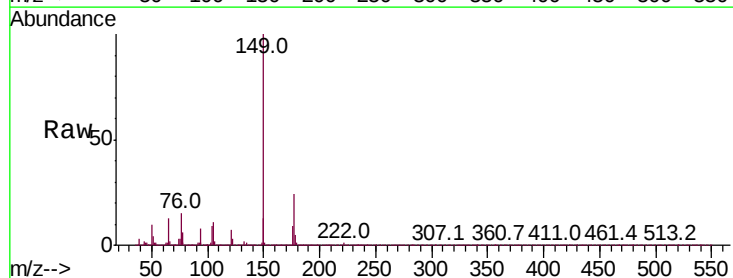
Instrument :
BNA_P
ClientSampleId :

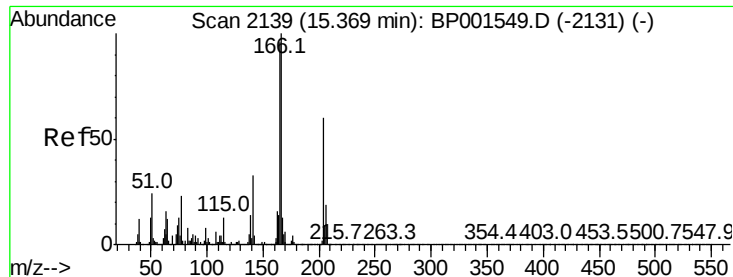
Tot Ion:	232	Resp:	68429
Ion	Ratio	Lower	Upper
232	100		
131	38.2	31.3	46.9
130	2.2	2.0	3.0
166	27.8	22.6	33.8



#60
Diethylphthalate
Concen: 36.134 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:	149	Resp:	218063
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.4	27.6
150	12.7	10.0	15.0

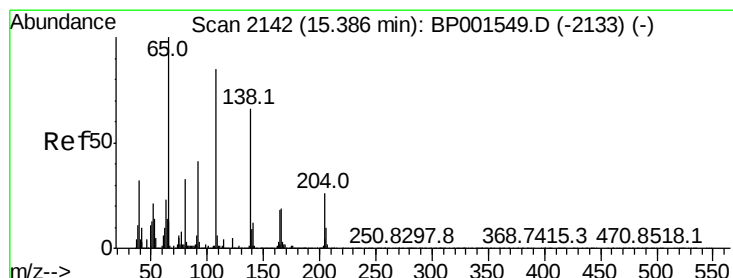
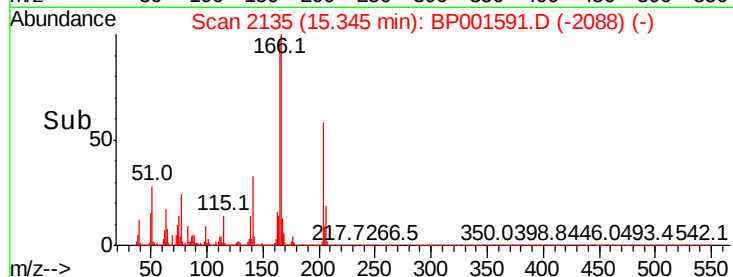
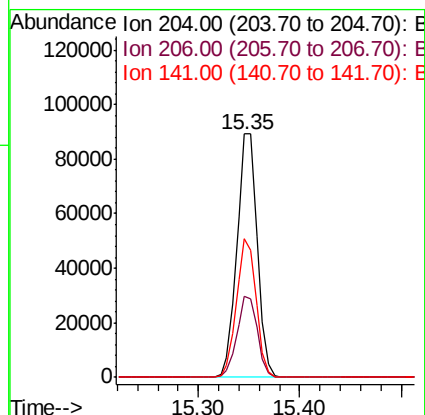
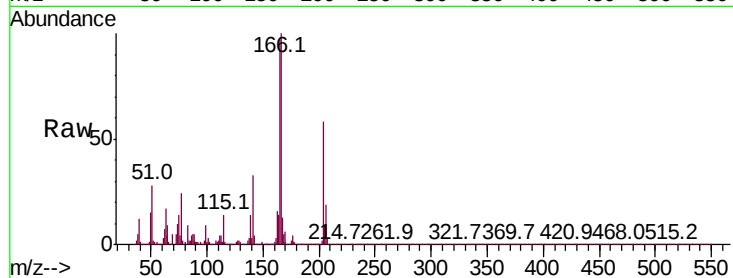




#61
4-Chlorophenyl-phenylether
Concen: 39.141 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

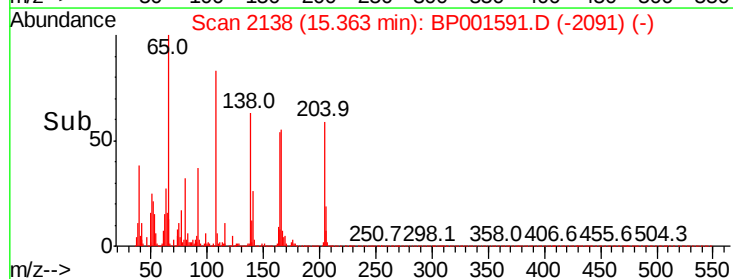
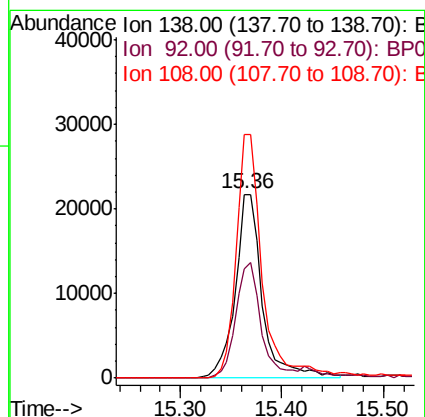
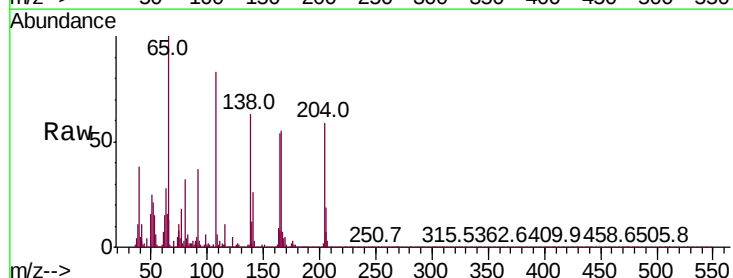
Instrument :
BNA_P
ClientSampled :

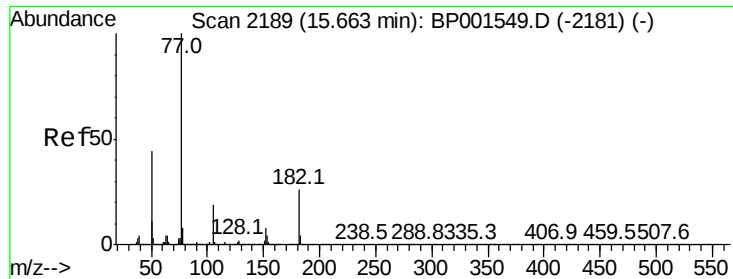
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.4	38.0
141	57.0	43.8	65.6



#62
4-Nitroaniline
Concen: 27.015 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.7	42.7	82.7
108	132.4	108.6	148.6

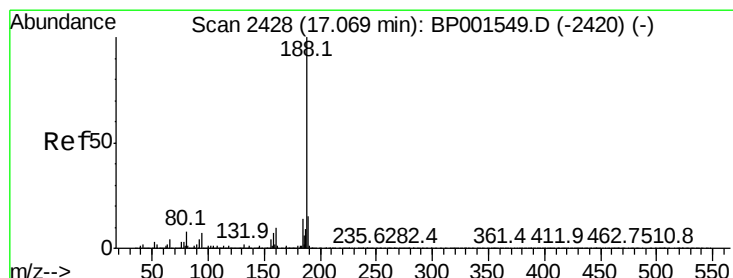
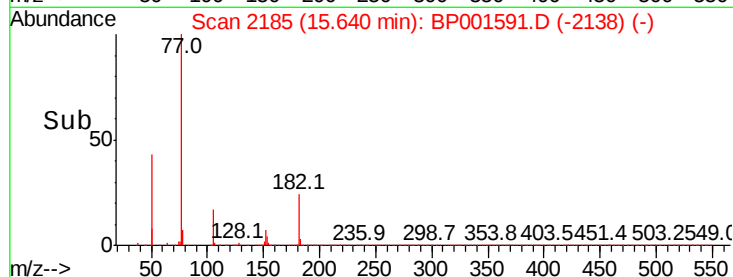
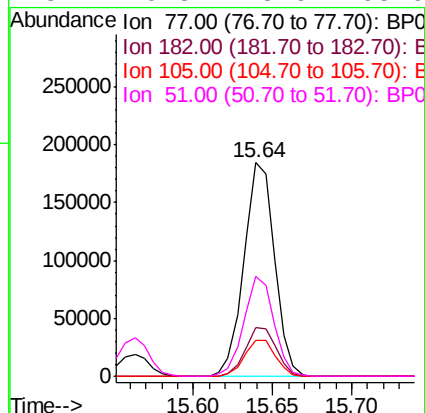
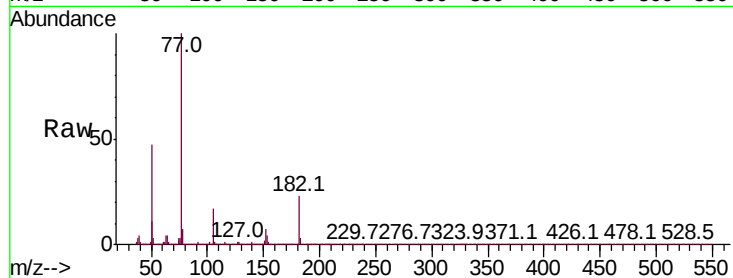




#63
Azobenzene
Concen: 40.881 ng
RT: 15.64 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

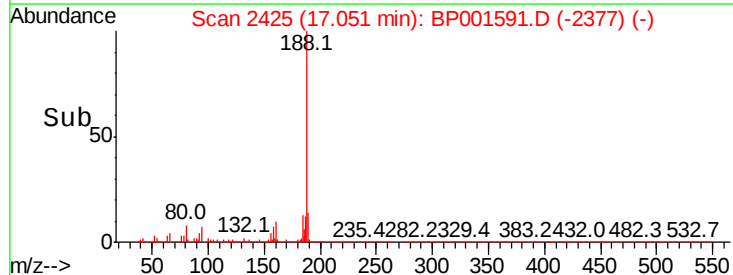
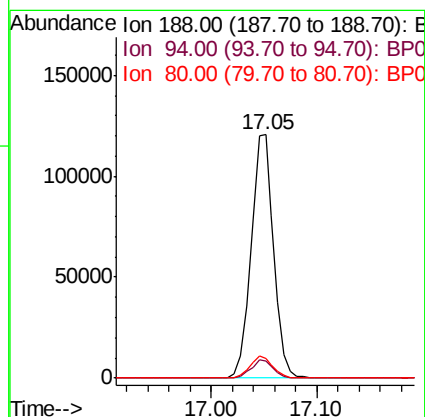
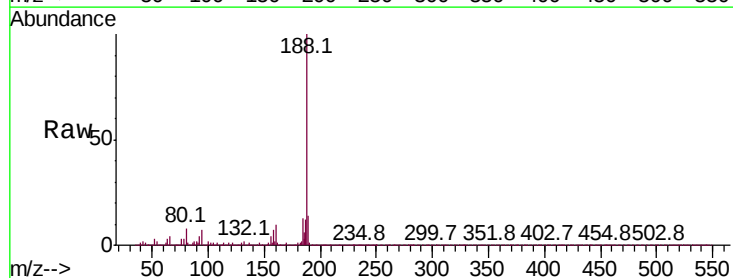
Instrument :
BNA_P
ClientSampleId :

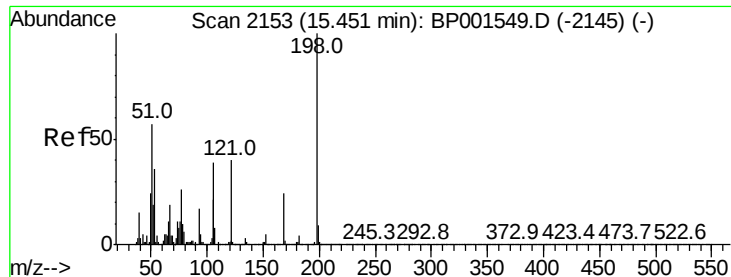
Tot Ion:	77	Resp:	246513
Ion	Ratio	Lower	Upper
77	100		
182	22.7	5.8	45.8
105	16.7	0.0	39.3
51	46.8	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:	188	Resp:	178370
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.9	8.9
80	8.2	6.8	10.2

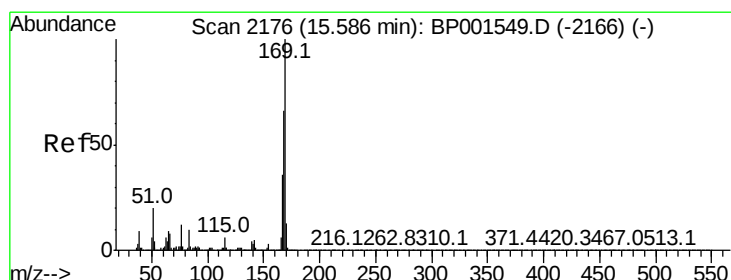
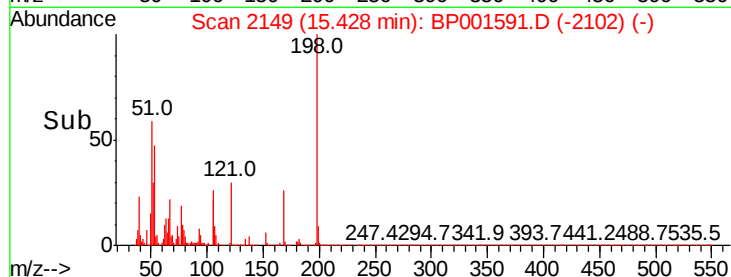
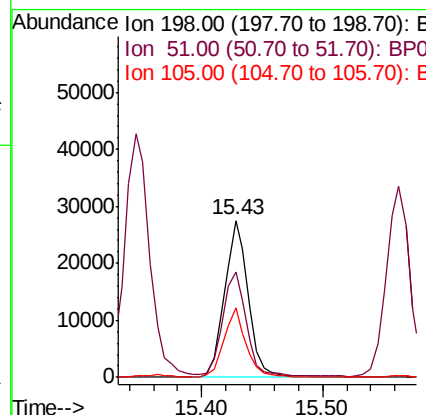
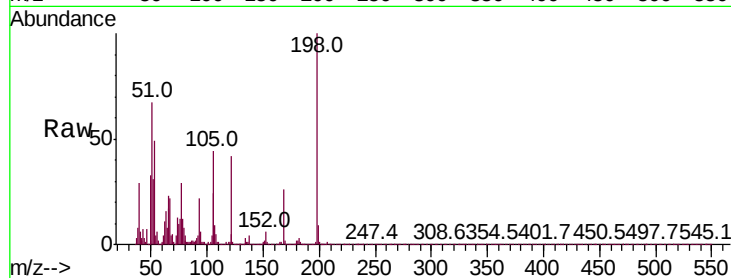




#65
4,6-Dinitro-2-methylphenol
Concen: 38.381 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

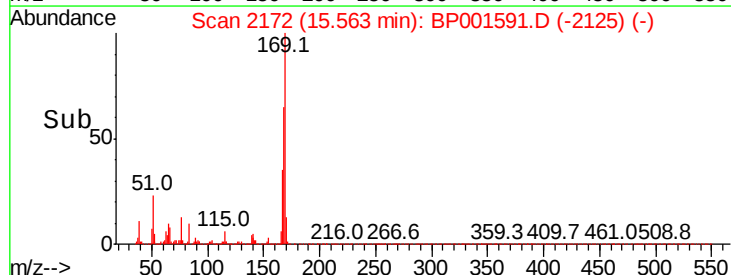
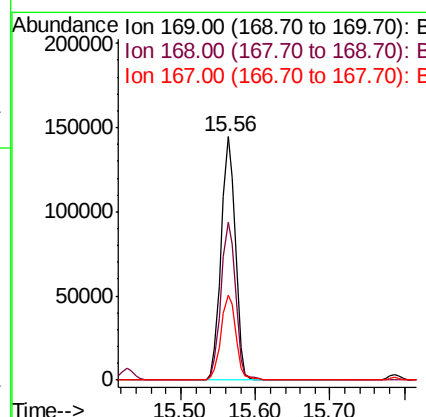
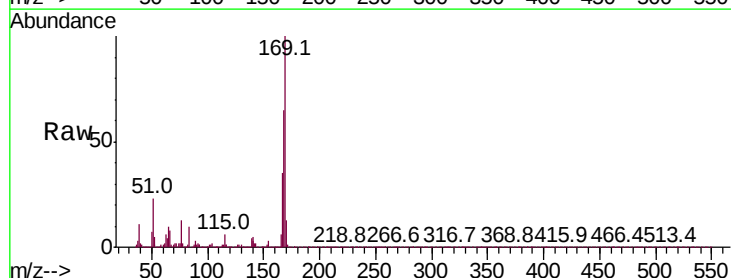
Instrument :
BNA_P
ClientSampleId :

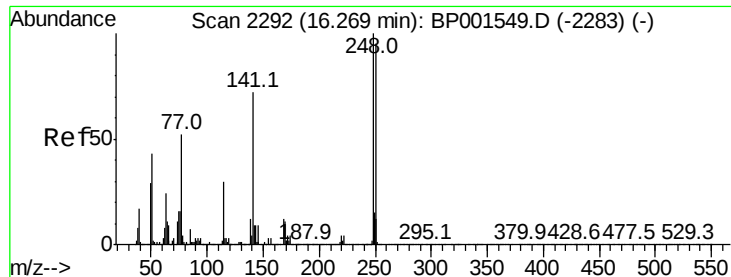
Tot Ion:198 Resp: 37013
Ion Ratio Lower Upper
198 100
51 66.9 39.4 79.4
105 44.3 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 40.314 ng
RT: 15.56 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:169 Resp: 190503
Ion Ratio Lower Upper
169 100
168 64.6 53.1 79.7
167 34.7 28.9 43.3

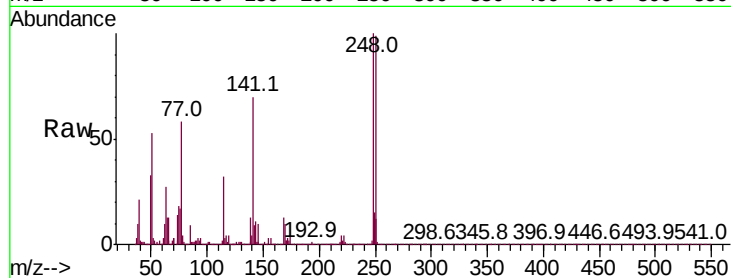




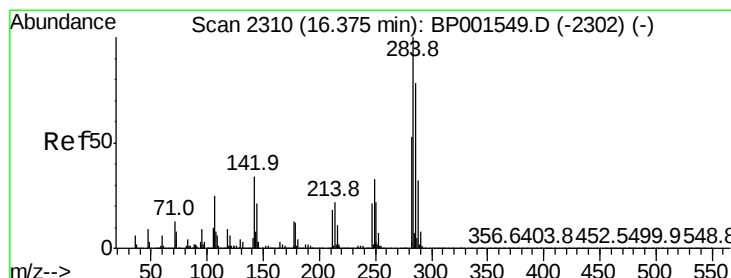
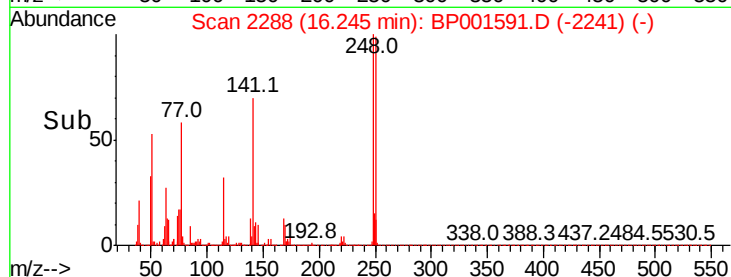
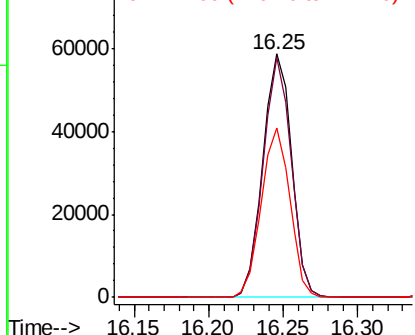
#67
4-Bromophenyl-phenylether
Concen: 38.776 ng
RT: 16.25 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 78026
Ion Ratio Lower Upper
248 100
250 98.6 76.0 114.0
141 69.6 57.8 86.8

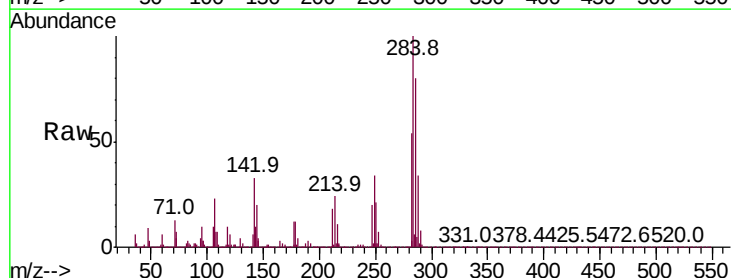


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

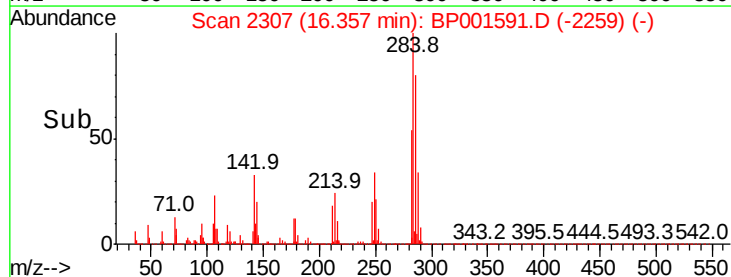
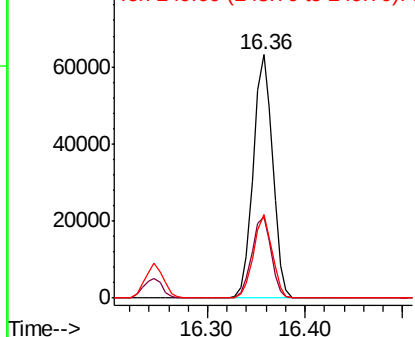


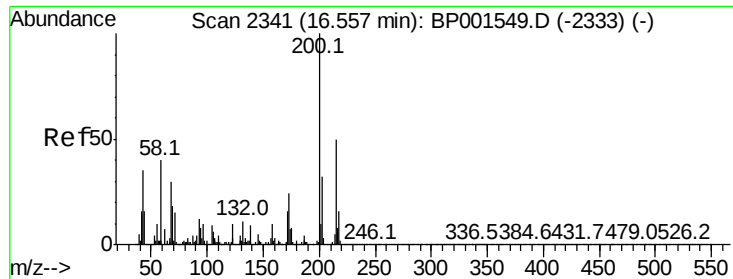
#68
Hexachlorobenzene
Concen: 37.364 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion:284 Resp: 87354
Ion Ratio Lower Upper
284 100
142 33.4 27.4 41.2
249 34.4 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: 37.296 ng

RT: 16.53 min Scan# 2337

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

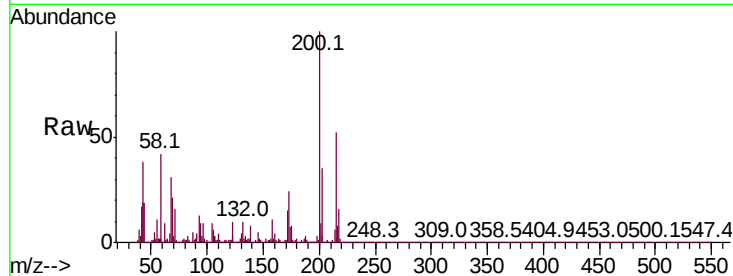
Tot Ion:200 Resp: 64726

Ion Ratio Lower Upper

200 100

173 23.9 3.5 43.5

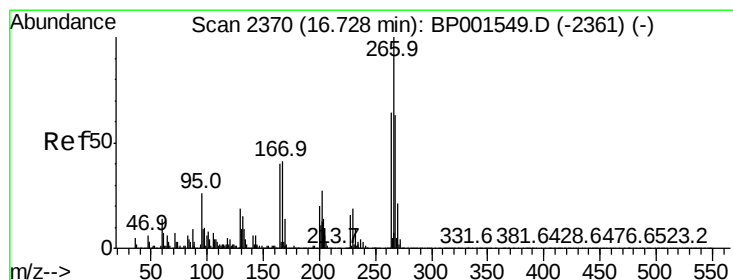
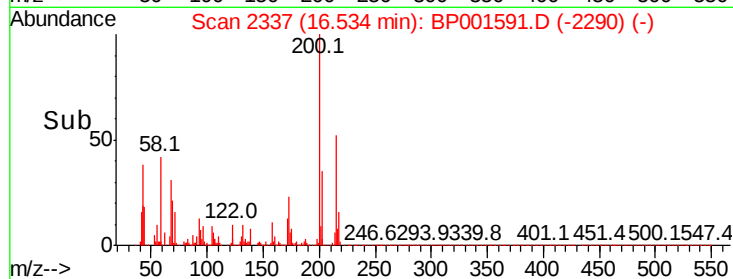
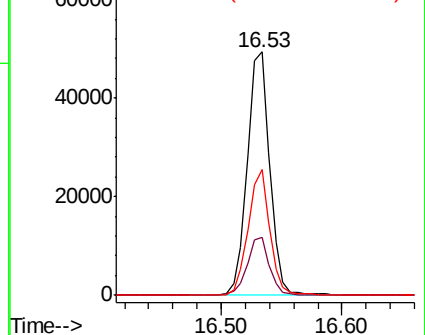
215 51.5 30.4 70.4



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: 119.238 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

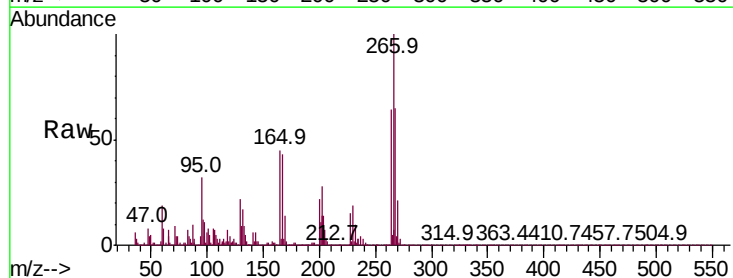
Tgt Ion:266 Resp: 153950

Ion Ratio Lower Upper

266 100

268 64.6 50.5 75.7

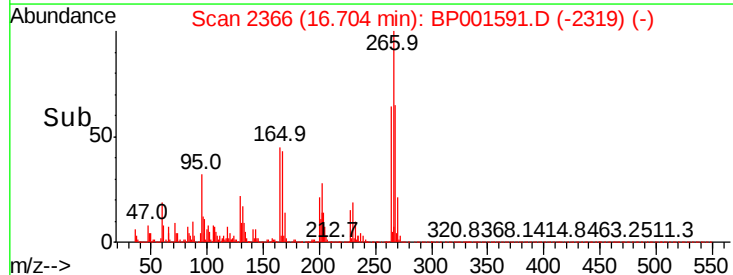
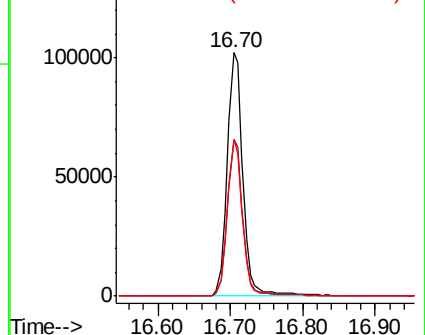
264 64.1 50.9 76.3

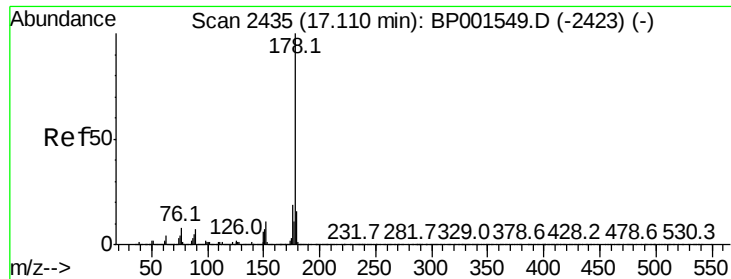


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

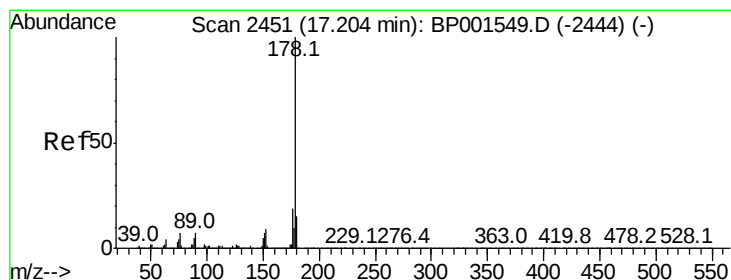
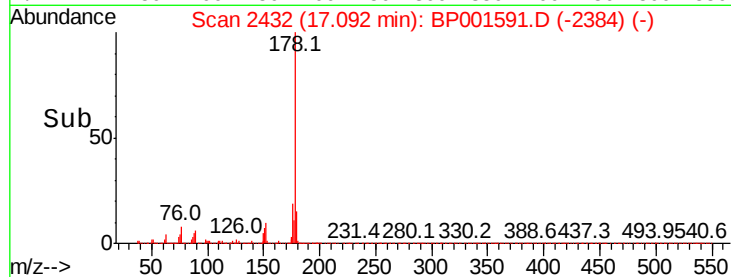
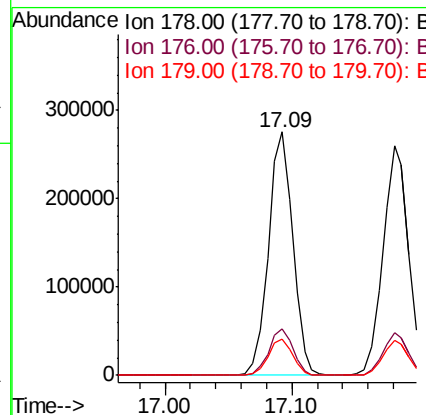
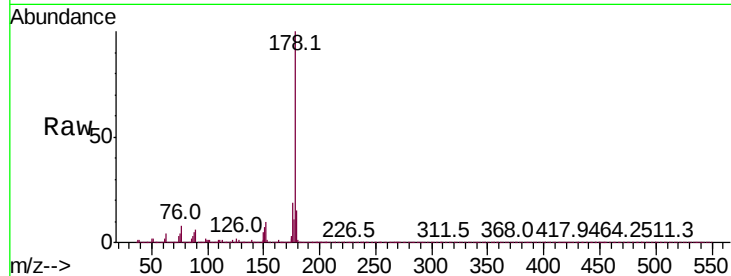




#71
Phenanthrene
Concen: 38.064 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

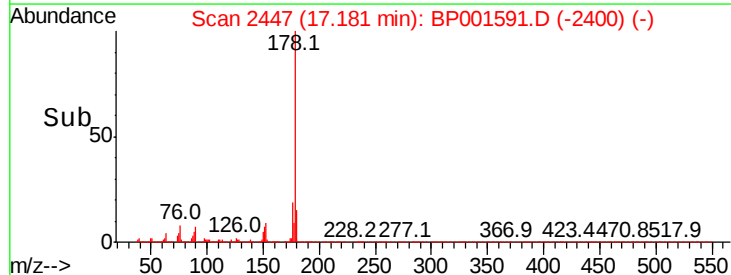
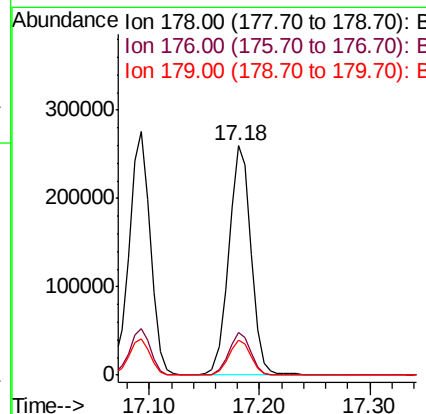
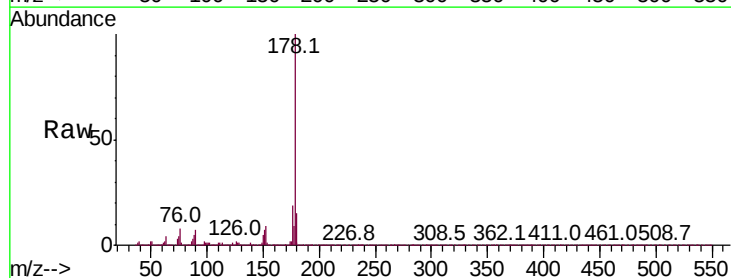
Instrument :
BNA_P
ClientSampleId :

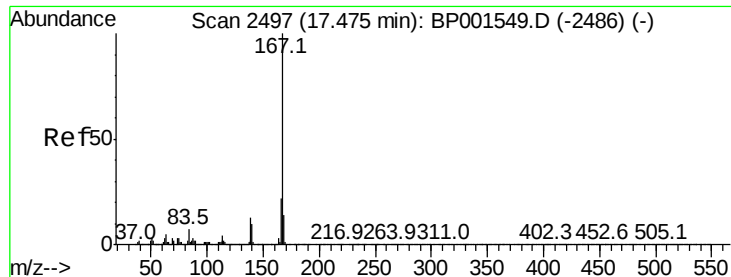
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	14.8	12.5	18.7



#72
Anthracene
Concen: 38.811 ng
RT: 17.18 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.1	11.8	17.8

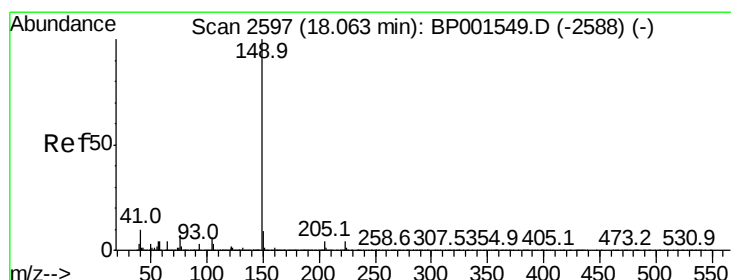
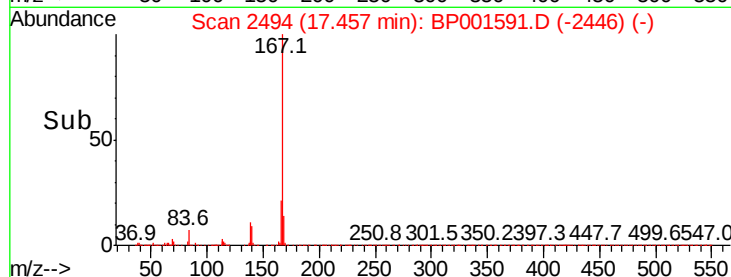
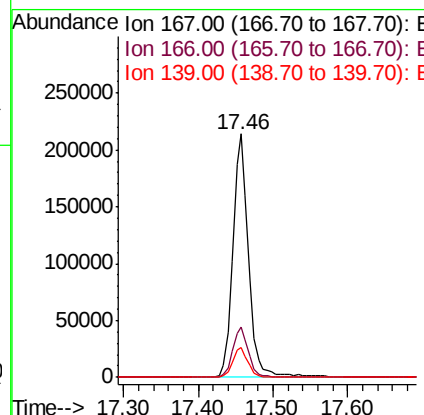
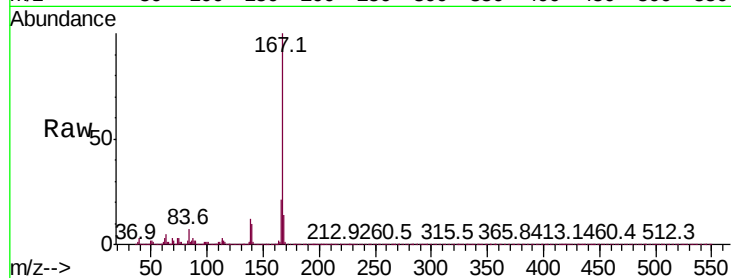




#73
 Carbazole
 Concen: 35.422 ng
 RT: 17.46 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

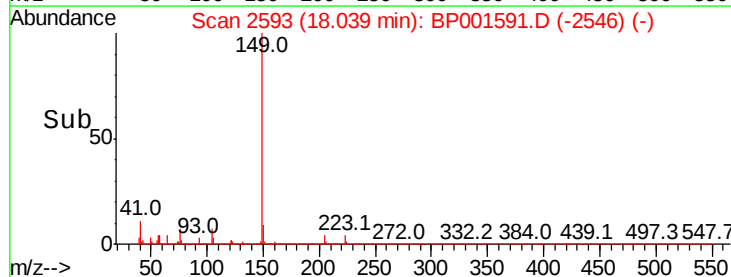
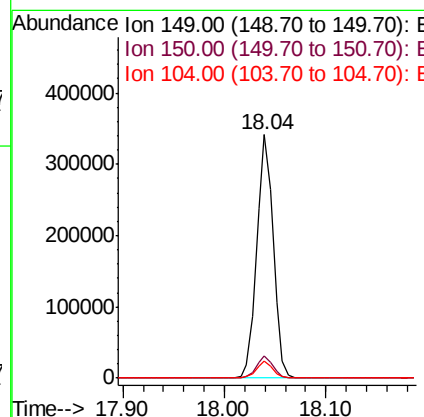
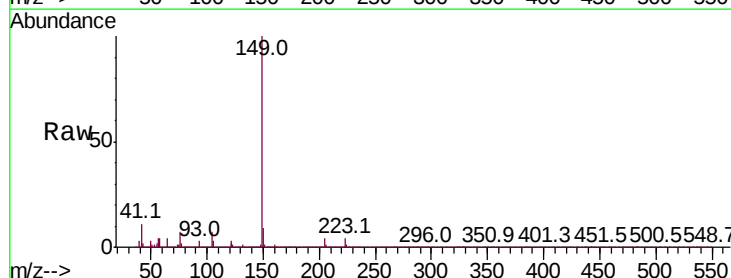
Instrument :
 BNA_P
 ClientSampleId :

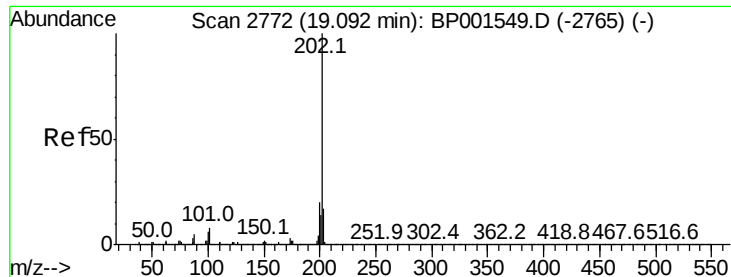
Tot Ion:167 Resp: 314044
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 36.643 ng
 RT: 18.04 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

Tgt Ion:149 Resp: 384349
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 6.9 5.0 7.4

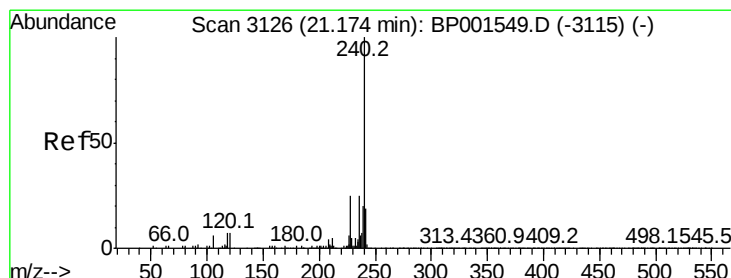
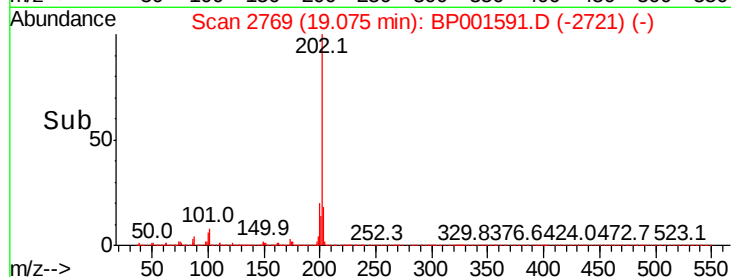
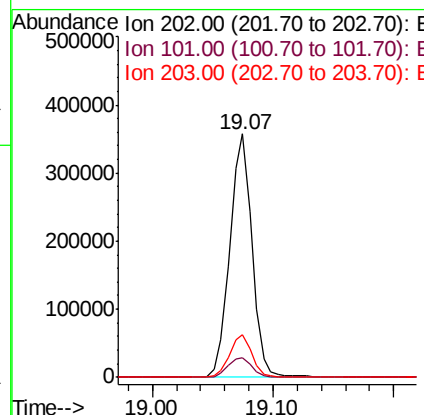
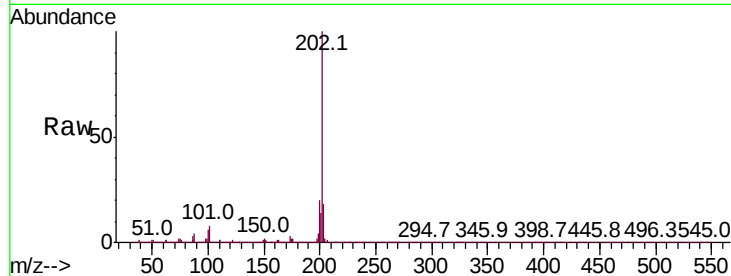




#75
 Fluoranthene
 Concen: 35.672 ng
 RT: 19.07 min Scan# 2769
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

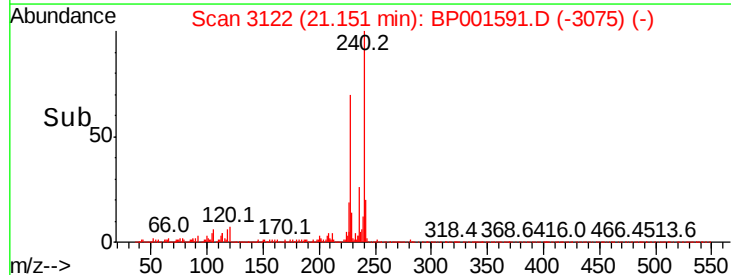
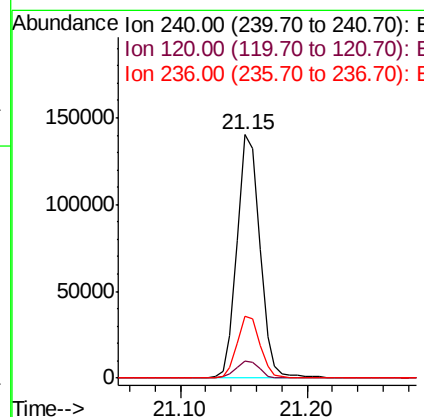
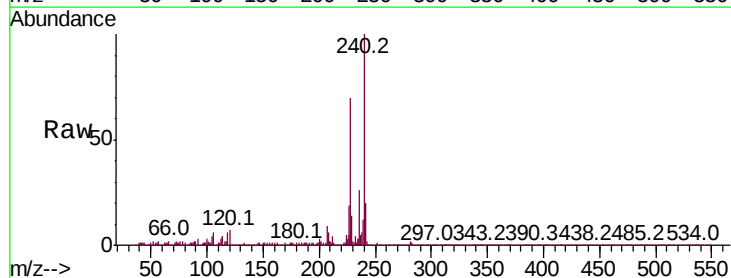
Instrument :
 BNA_P
 ClientSampled :

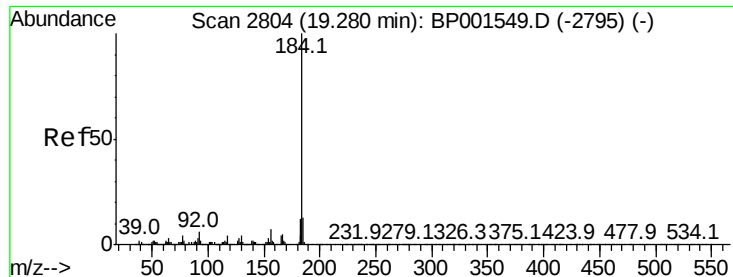
Tot Ion:	202	Resp:	455313
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.4
203	17.6	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BP001591.D
 Acq: 14 Jan 2020 17:17

Tgt Ion:	240	Resp:	174561
Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.5	20.4	30.6





#77

Benzidine

Concen: 17.148 ng

RT: 19.26 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

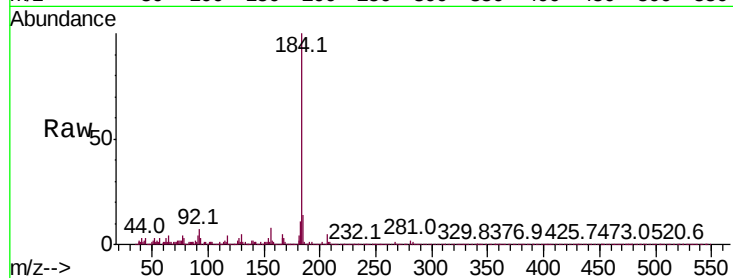
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 68349

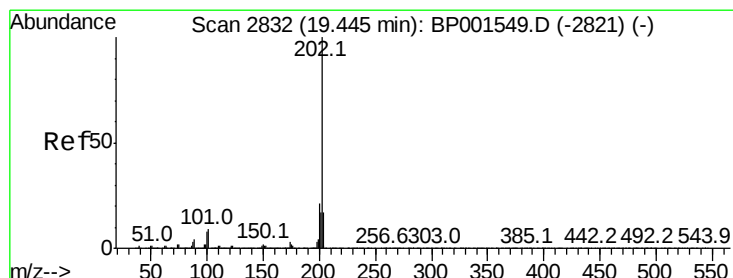
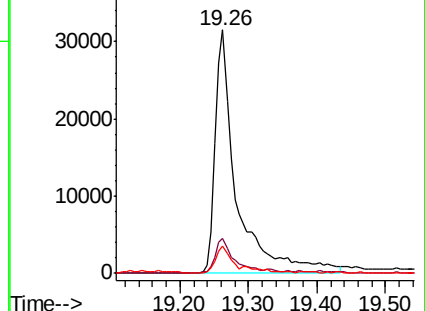
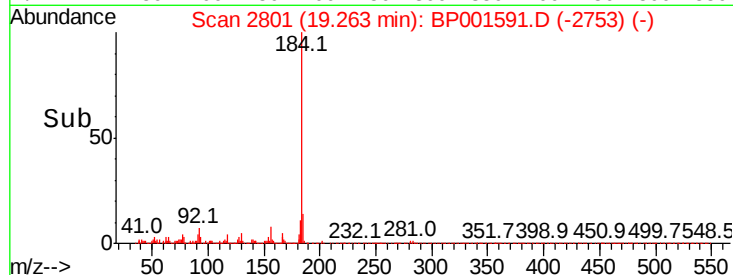
Ion	Ratio	Lower	Upper
184	100		
185	14.5	10.6	16.0
183	11.0	9.4	14.0



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: 35.621 ng

RT: 19.42 min Scan# 2828

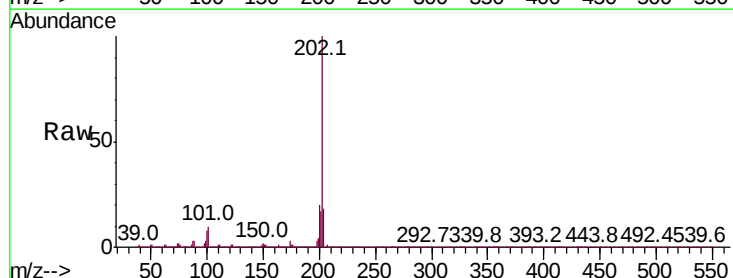
Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:202 Resp: 456768

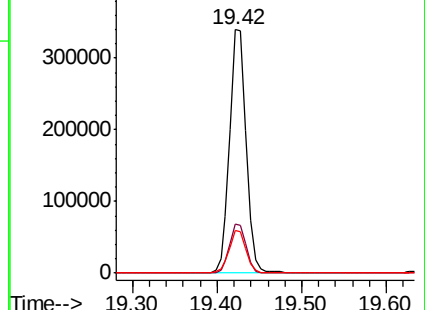
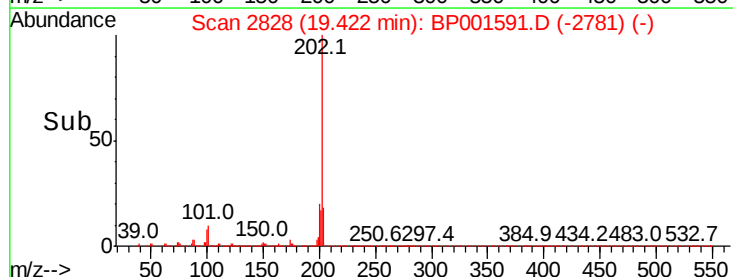
Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	17.7	13.7	20.5

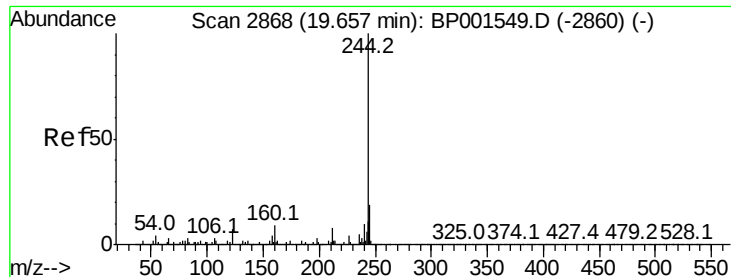


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.408 ng

RT: 19.64 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

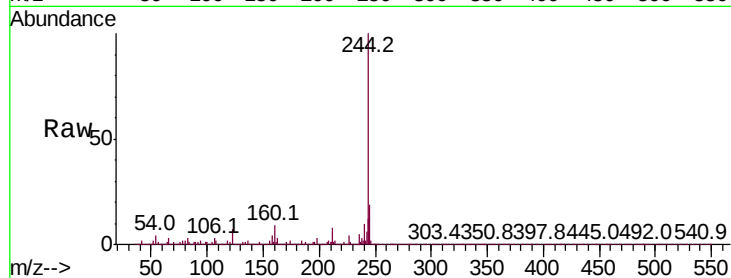
Tot Ion:244 Resp: 691052

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

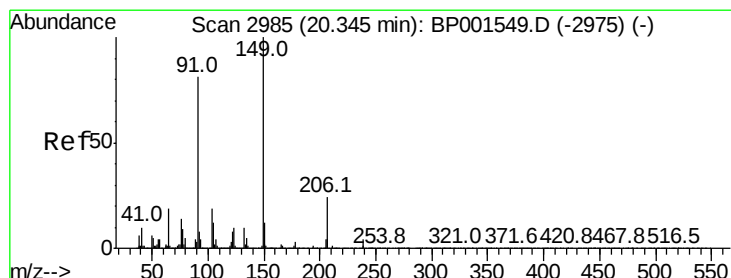
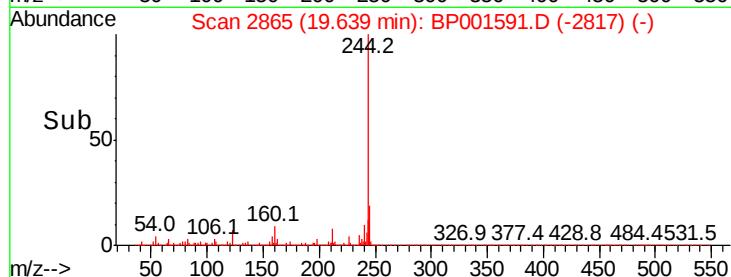
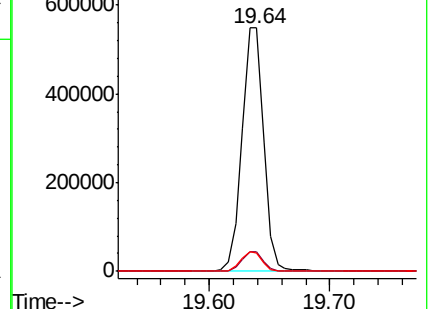
122 7.4 5.8 8.6



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: 34.525 ng

RT: 20.33 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

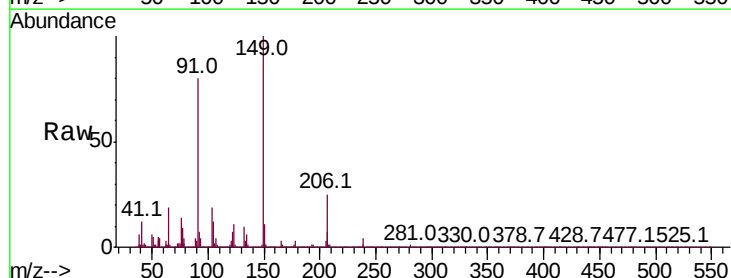
Tgt Ion:149 Resp: 168260

Ion Ratio Lower Upper

149 100

91 80.4 64.8 97.2

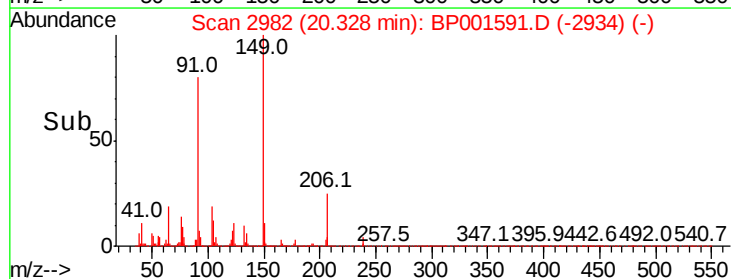
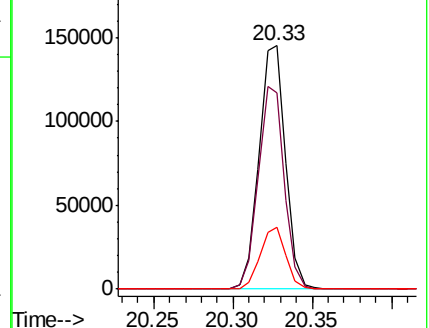
206 25.3 19.4 29.0

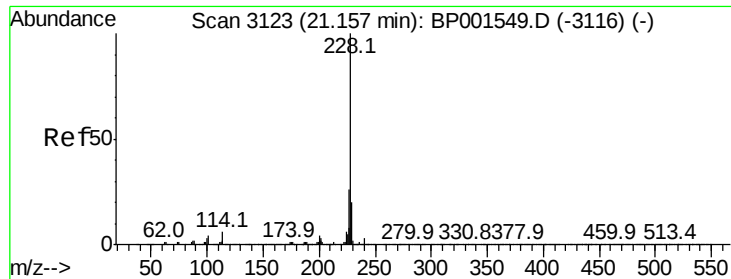


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

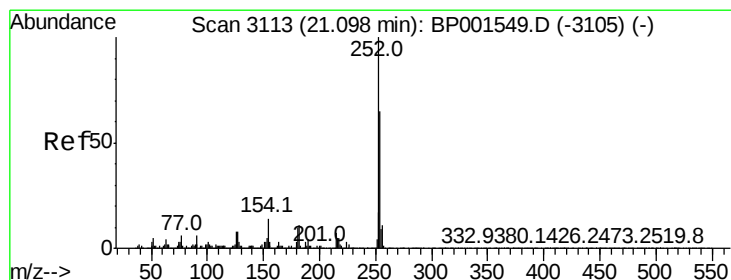
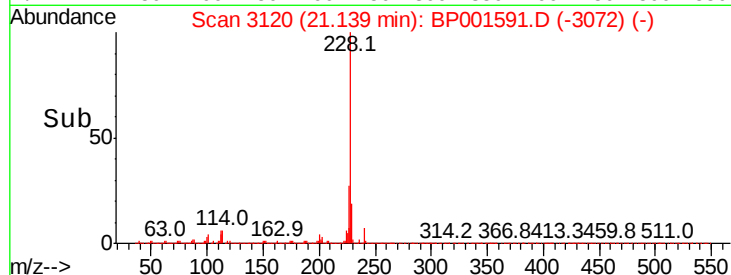
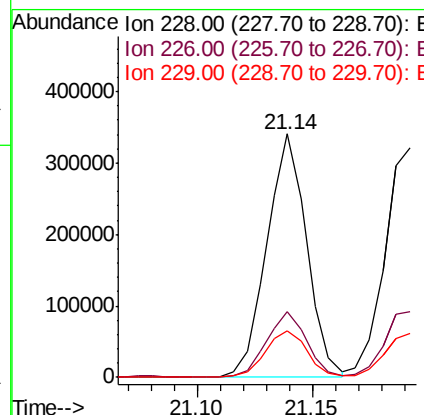
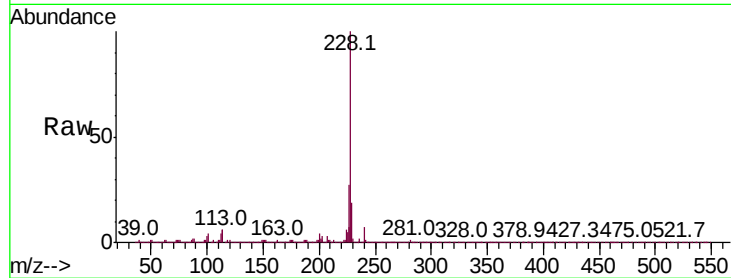




#81
Benzo(a)anthracene
Concen: 33.564 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

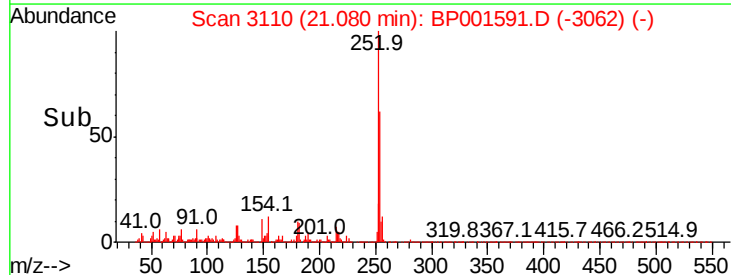
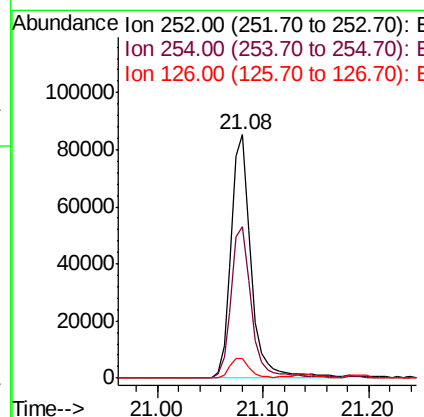
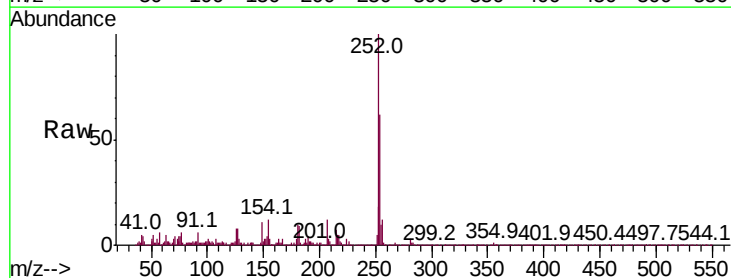
Instrument :
BNA_P
ClientSampled :

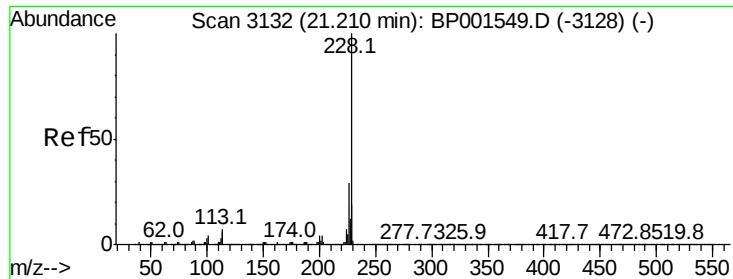
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.3	16.1	24.1



#82
3,3'-Dichlorobenzidine
Concen: 24.504 ng
RT: 21.08 min Scan# 3110
Delta R.T. -0.02 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.2	78.2
126	8.0	6.6	9.8





#83

Chrysene

Concen: 34.316 ng

RT: 21.19 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

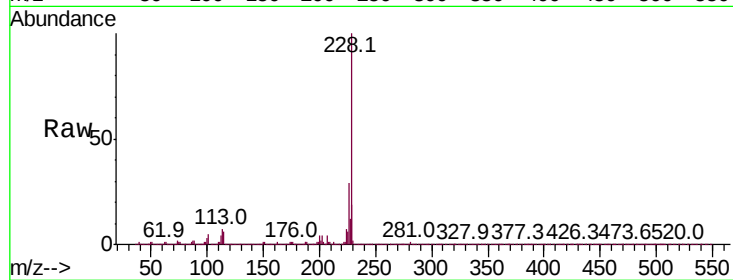
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 406565

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	19.0	15.2	22.8

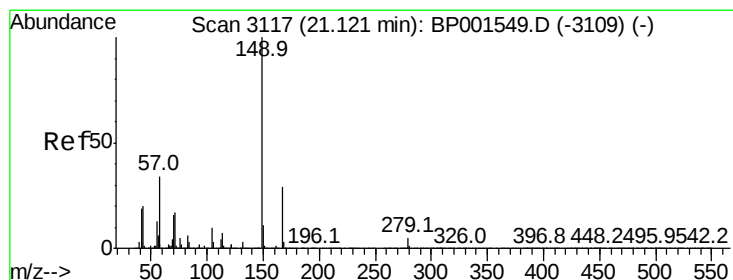
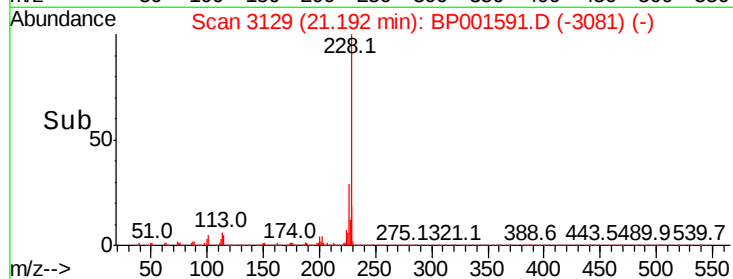
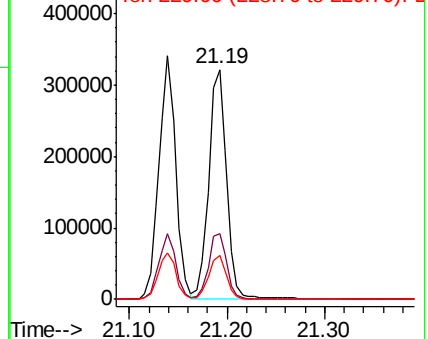


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.620 ng

RT: 21.10 min Scan# 3113

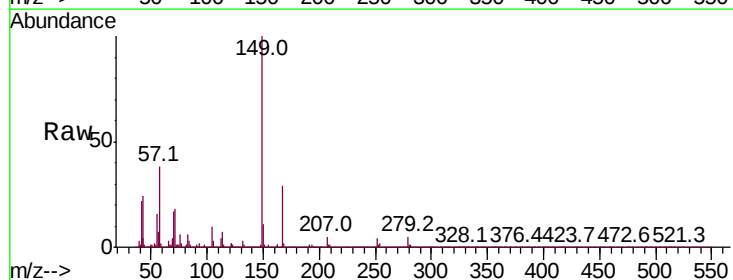
Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:149 Resp: 231301

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

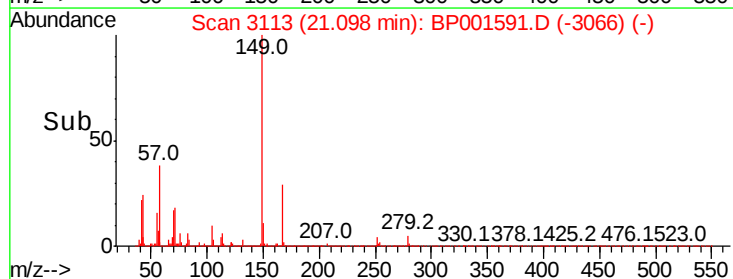
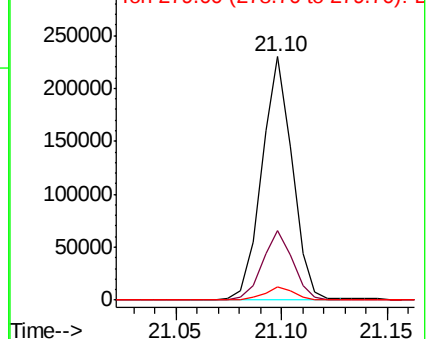


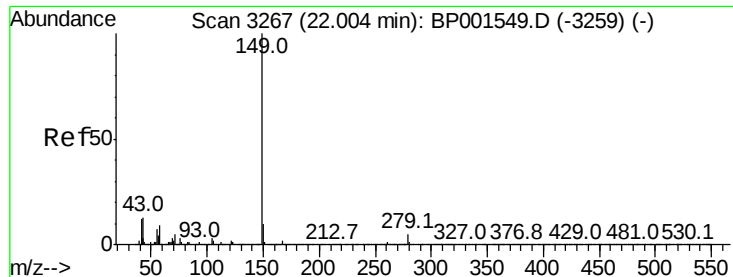
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.978 ng

RT: 21.97 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BP001591.D

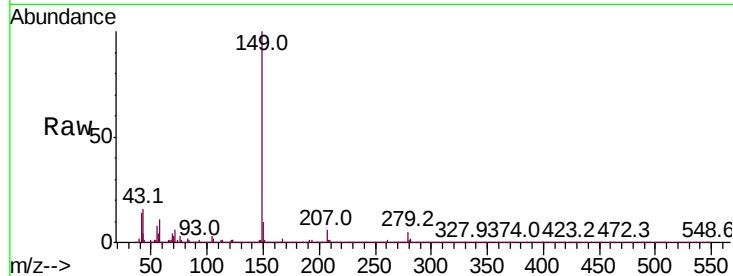
Acq: 14 Jan 2020 17:17

Instrument :

BNA_P

ClientSampleId :

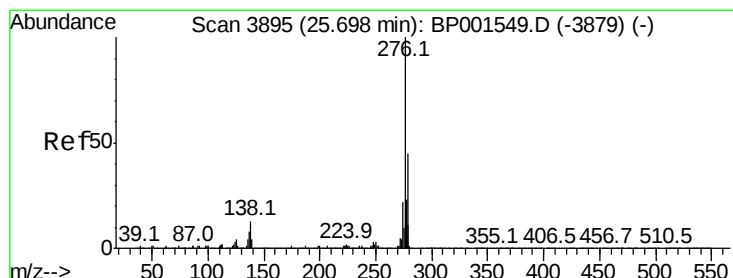
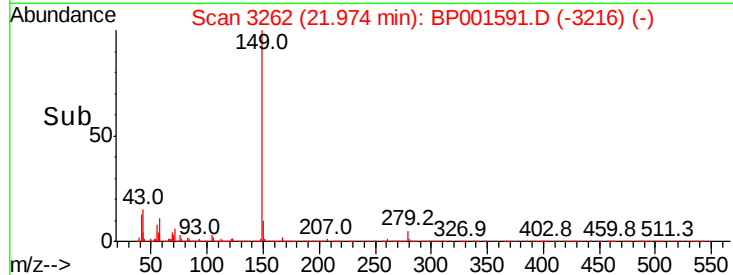
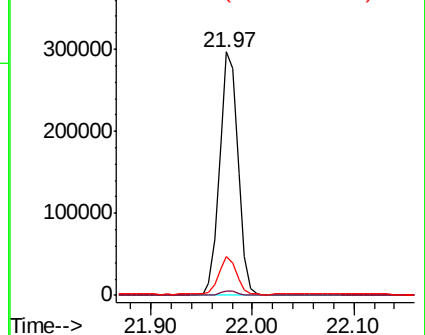
Tot Ion:149	Resp:	372620
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.4 2.0
43	15.0	10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.138 ng

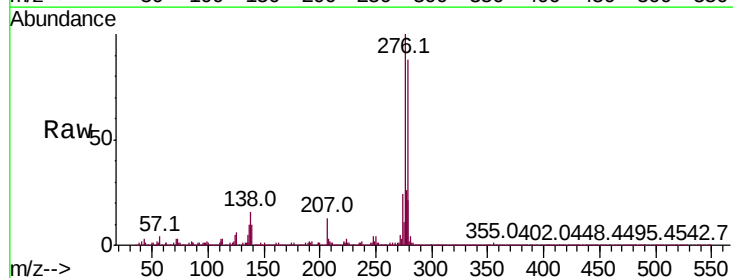
RT: 25.65 min Scan# 3887

Delta R.T. -0.05 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

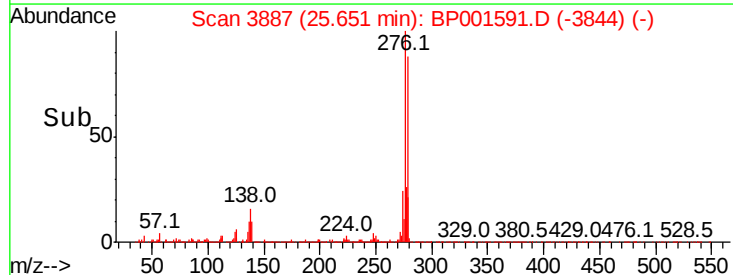
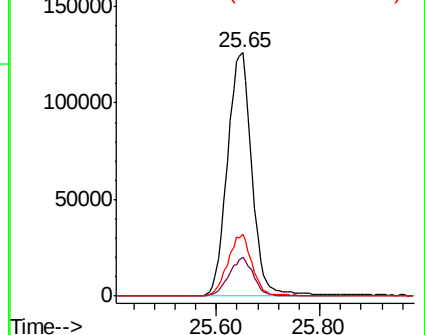
Tgt Ion:276	Resp:	417974
Ion Ratio	Lower	Upper
276	100	
138	15.5	11.1 16.7
277	25.0	20.4 30.6

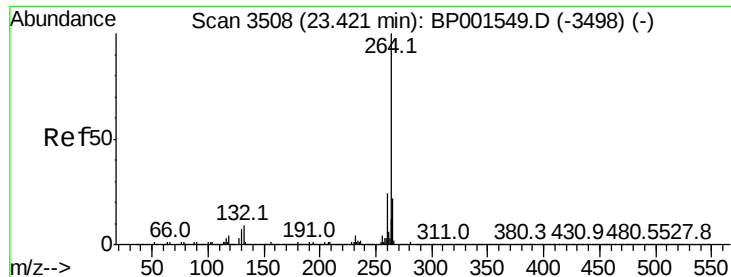


Abundance Ion 276.00 (275.70 to 276.70): E

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: BP001591.D

Acq: 14 Jan 2020 17:17

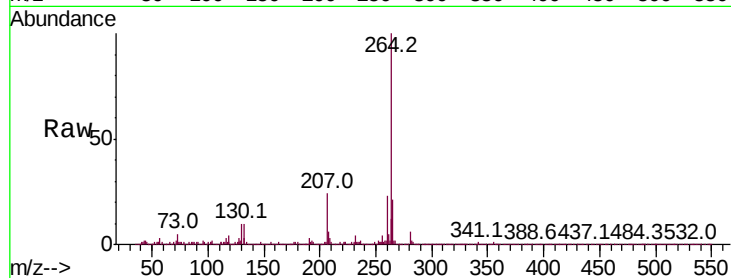
Instrument :

BNA_P

ClientSampleId :

Tot Ion:264 Resp: 132575

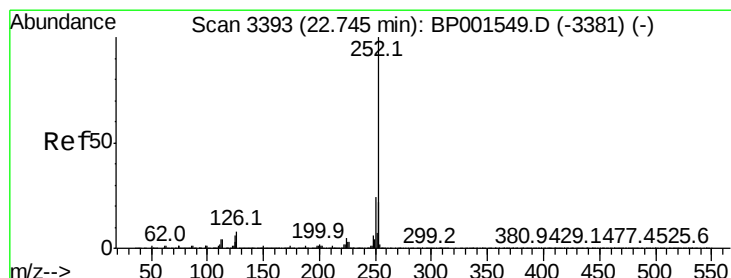
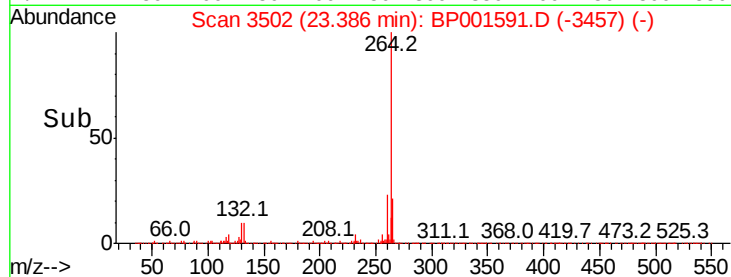
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	20.7	18.2	27.4



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: 45.696 ng

RT: 22.72 min Scan# 3389

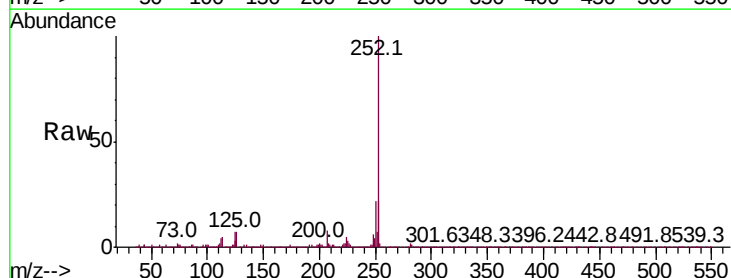
Delta R.T. -0.02 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:252 Resp: 381756

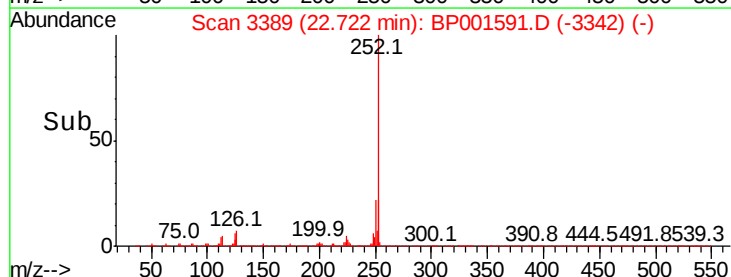
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.6	4.6	7.0

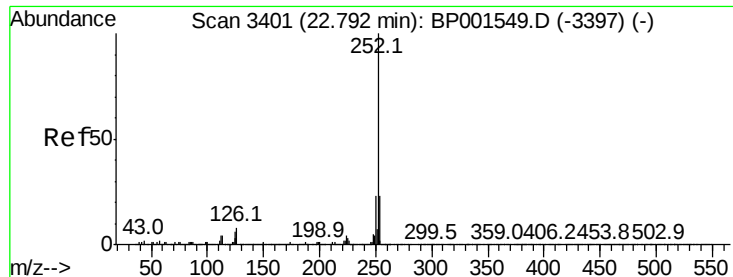


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

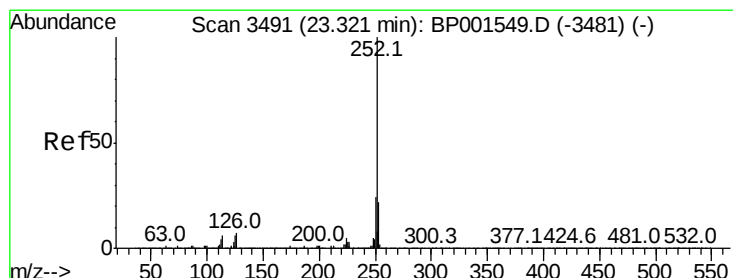
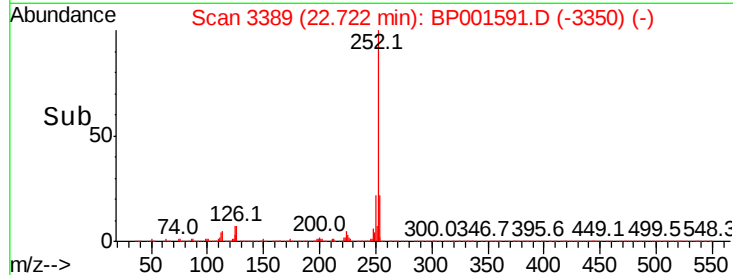
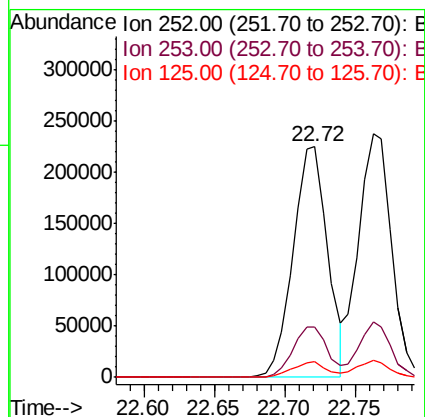
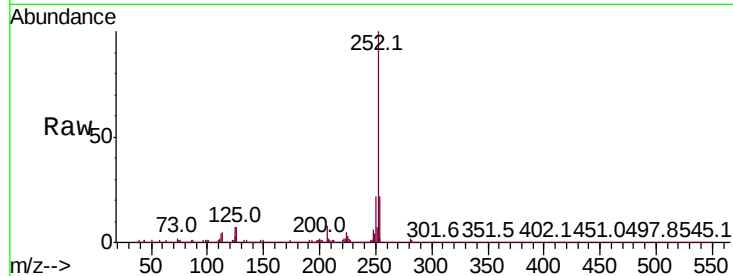




#89
Benzo(k)fluoranthene
Concen: 46.868 ng
RT: 22.72 min Scan# 3389
Delta R.T. -0.07 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

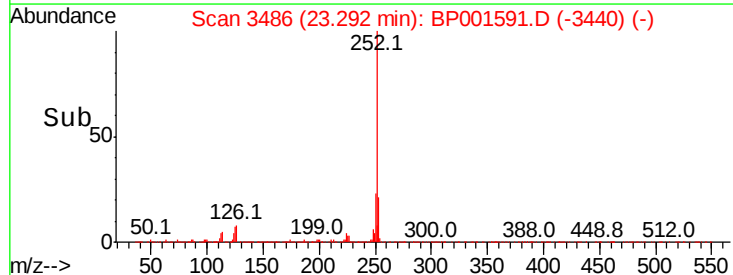
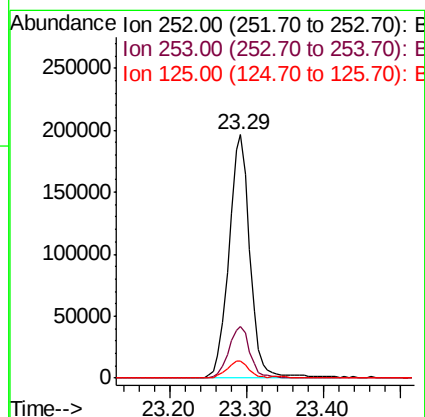
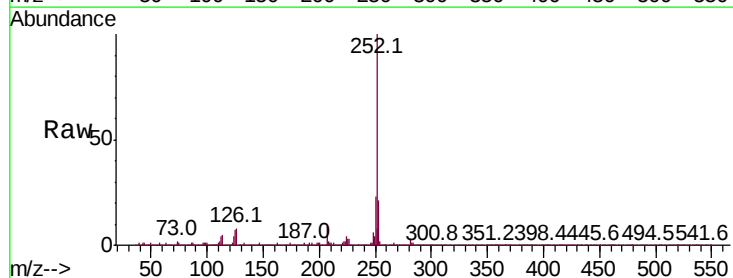
Instrument :
BNA_P
ClientSampleId :

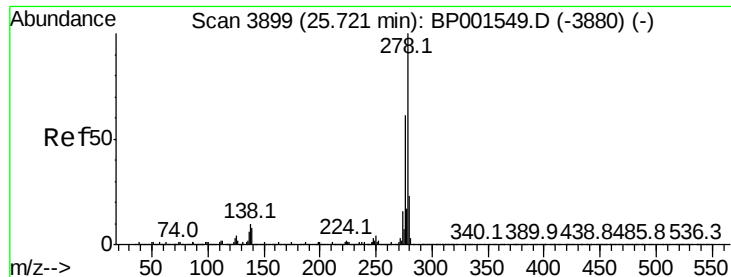
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	6.6	4.6	6.8



#90
Benzo(a)pyrene
Concen: 47.097 ng
RT: 23.29 min Scan# 3486
Delta R.T. -0.03 min
Lab File: BP001591.D
Acq: 14 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	7.0	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 42.942 ng

RT: 25.66 min Scan# 3888

Delta R.T. -0.06 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

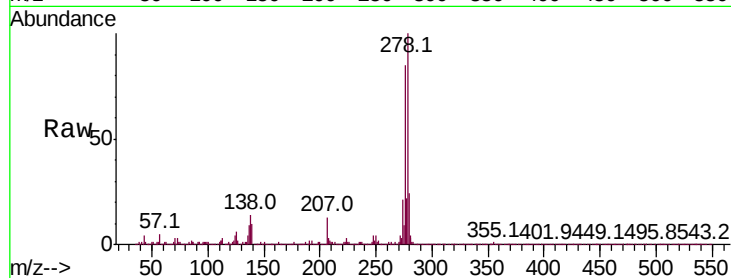
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 351442

Ion	Ratio	Lower	Upper
278	100		
139	10.1	6.7	10.1#
279	23.5	18.6	28.0

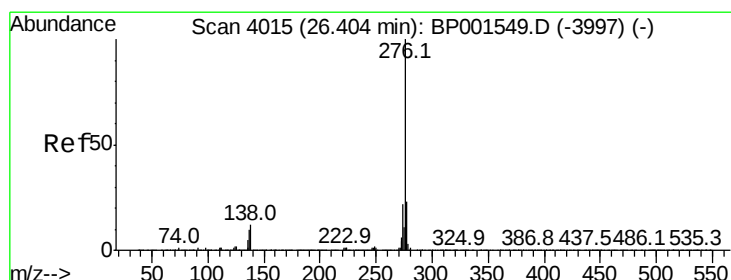
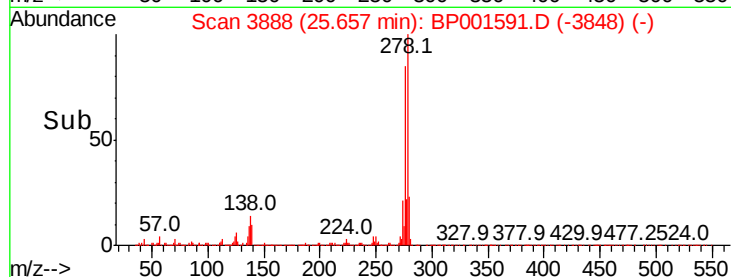
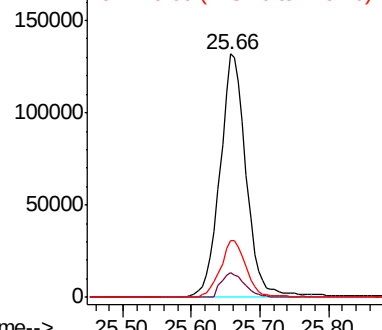


Abundance

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: 43.198 ng

RT: 26.33 min Scan# 4002

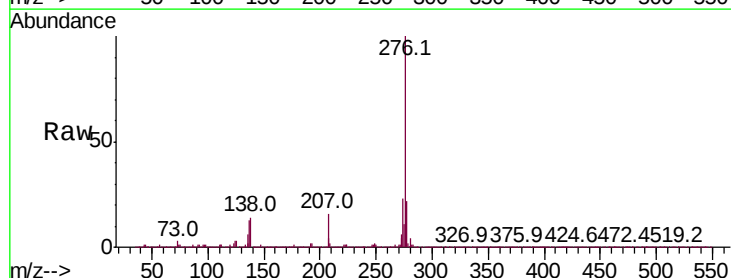
Delta R.T. -0.08 min

Lab File: BP001591.D

Acq: 14 Jan 2020 17:17

Tgt Ion:276 Resp: 351455

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	13.8	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

