

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001166.D
 Acq On : 03 Dec 2019 20:39
 Operator : JU
 Sample : PB125173BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	108320	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	399272	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	222422	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	433251	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	339264	20.00	ng	-0.02
87) Perylene-d12	21.02	264	355431	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	589678	90.32	ng	0.00
7) Phenol-d6	7.75	99	496953	57.13	ng	-0.02
23) Nitrobenzene-d5	9.19	82	846914	92.03	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	308686	144.79	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1354799	89.15	ng	-0.02
79) Terphenyl-d14	17.90	244	1656737	90.35	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	14	0.005	ng	# 1
3) Pyridine	3.40	79	40	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.32	42	89	0.024	ng	# 1
6) Aniline	7.78	93	368	0.032	ng	# 1
8) 2-Chlorophenol	7.97	128	494	0.073	ng	# 1
9) Benzaldehyde	7.60	77	430	Below Cal		# 74
10) Phenol	7.77	94	7561	0.764	ng	# 99
11) bis(2-Chloroethyl)ether	7.90	93	56	0.007	ng	# 47
12) 1,3-Dichlorobenzene	8.22	146	230	0.029	ng	# 79
13) 1,4-Dichlorobenzene	8.34	146	315	0.039	ng	# 67
14) 1,2-Dichlorobenzene	8.58	146	177	0.023	ng	# 66
15) Benzyl Alcohol	8.55	79	16396	2.296	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.76	45	74	0.006	ng	# 89
17) 2-Methylphenol	8.75	107	13	0.002	ng	# 33
18) Hexachloroethane	9.11	117	46	0.014	ng	# 50
19) n-Nitroso-di-n-propylamine	9.19	70	121002	19.279	ng	# 82
20) 3+4-Methylphenols	8.97	107	45	0.006	ng	# 1
22) Acetophenone	8.96	105	4504	0.384	ng	# 86
24) Nitrobenzene	9.20	77	2932	0.320	ng	# 37
25) Isophorone	9.62	82	583	0.035	ng	# 73
26) 2-Nitrophenol	9.73	139	30	0.009	ng	# 1
27) 2,4-Dimethylphenol	9.87	122	33	0.006	ng	# 84
28) bis(2-Chloroethoxy)methane	9.98	93	12	0.001	ng	# 1
29) 2,4-Dichlorophenol	10.19	162	16	0.003	ng	# 92
30) 1,2,4-Trichlorobenzene	10.05	180	12	0.002	ng	# 84
31) Naphthalene	10.38	128	623	0.031	ng	# 89
32) Benzoic acid	9.96	122	23	0.006	ng	# 64
33) 4-Chloroaniline	10.47	127	76	0.009	ng	# 1
34) Hexachlorobutadiene	10.65	225	8	0.002	ng	# 89
35) Caprolactam	11.03	113	8	0.004	ng	# 1
36) 4-Chloro-3-methylphenol	11.28	107	10	0.001	ng	# 71
37) 2-Methylnaphthalene	11.39	142	32	0.002	ng	# 92
38) 1-Methylnaphthalene	11.66	142	312	0.024	ng	# 67
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	143	0.020	ng	# 64

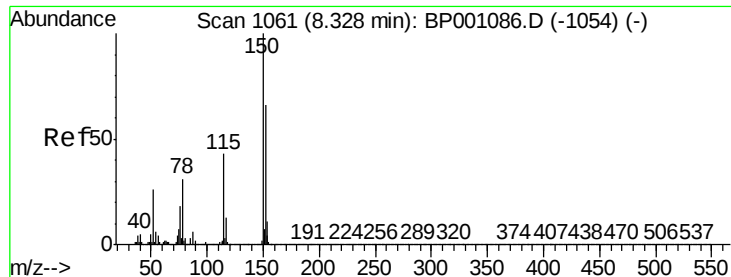
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001166.D
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Quant Time: Dec 04 03:46:13 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.70	237	15	0.005	nq	82
43) 2,4,6-Trichlorophenol	11.97	196	32	0.007	nq #	47
44) 2,4,5-Trichlorophenol	12.03	196	16	0.003	nq #	55
46) 1,1'-Biphenyl	12.28	154	3232	0.188	nq	88
47) 2-Chloronaphthalene	12.30	162	376	0.027	nq #	88
48) 2-Nitroaniline	12.47	65	35	0.007	nq #	79
49) Acenaphthylene	12.97	152	388	0.019	nq #	67
50) Dimethylphthalate	12.79	163	16787	1.009	nq	99
51) 2,6-Dinitrotoluene	12.71	165	15	0.004	nq	89
52) Acenaphthene	13.26	154	318	0.026	nq #	72
53) 3-Nitroaniline	13.15	138	10	0.002	nq #	66
54) 2,4-Dinitrophenol	13.32	184	10	7.115	nq #	51
55) Dibenzofuran	13.55	168	590	0.032	nq #	86
56) 4-Nitrophenol	13.36	139	20	0.007	nq	86
57) 2,4-Dinitrotoluene	13.54	165	52	0.012	nq #	45
58) Fluorene	14.11	166	460	0.031	nq #	68
59) 2,3,4,6-Tetrachlorophenol	13.74	232	10	0.003	nq #	22
60) Diethylphthalate	13.96	149	922	0.054	nq	96
61) 4-Chlorophenyl-phenylether	14.13	204	191	0.025	nq #	63
62) 4-Nitroaniline	12.47	138	24	0.005	nq #	50
63) Azobenzene	14.38	77	632	0.034	nq	83
65) 4,6-Dinitro-2-methylphenol	14.24	198	22	6.287	nq #	1
66) n-Nitrosodiphenylamine	14.50	169	12945	0.983	nq #	48
67) 4-Bromophenyl-phenylether	14.93	248	129	0.027	nq #	30
68) Hexachlorobenzene	15.01	284	136	0.026	nq #	88
69) Atrazine	15.20	200	9	0.002	nq #	67
70) Pentachlorophenol	15.33	266	58	0.022	nq #	52
71) Phenanthrene	15.64	178	651	0.029	nq #	82
72) Anthracene	15.72	178	507	0.023	nq #	74
73) Carbazole	15.96	167	462	0.023	nq #	88
74) Di-n-butylphthalate	16.52	149	2190	0.080	nq	97
75) Fluoranthene	17.35	202	618	0.026	nq	94
77) Benzidine	17.79	184	84	0.010	nq	98
78) Pyrene	17.66	202	695	0.026	nq #	78
80) Butylbenzylphthalate	18.47	149	55	0.004	nq	90
81) Benzo(a)anthracene	19.25	228	1500	0.064	nq #	71
82) 3,3'-Dichlorobenzidine	19.21	252	235	0.030	nq #	34
83) Chrysene	19.28	228	645	0.031	nq #	82
84) Bis(2-ethylhexyl)phthalate	19.29	149	1865	0.110	nq #	90
85) Di-n-octyl phthalate	20.07	149	563	0.019	nq #	75
86) Indeno(1,2,3-cd)pyrene	22.66	276	658	0.027	nq #	78
88) Benzo(b)fluoranthene	20.53	252	613	0.028	nq #	87
89) Benzo(k)fluoranthene	20.57	252	544	0.026	nq #	89
90) Benzo(a)pyrene	20.95	252	518	0.026	nq #	55
91) Dibenzo(a,h)anthracene	22.69	278	568	0.029	nq #	88
92) Benzo(g,h,i)perylene	23.14	276	646	0.033	nq #	65

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

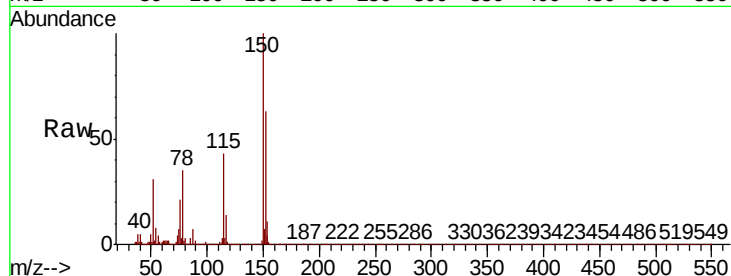
Tot Ion:152 Resp: 108320

Ion Ratio Lower Upper

152 100

150 157.9 120.6 181.0

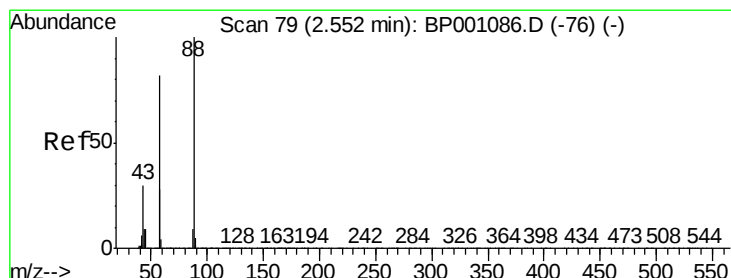
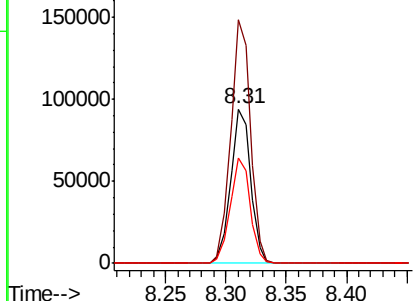
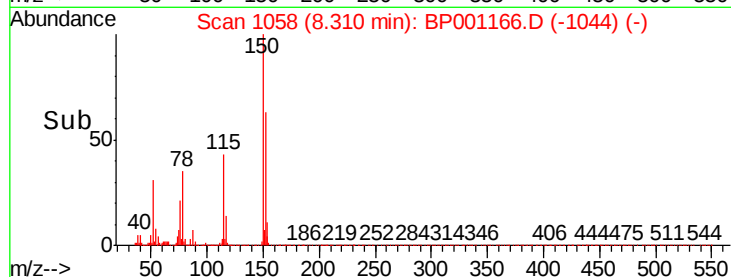
115 68.6 51.6 77.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.005 ng

RT: 2.53 min Scan# 76

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

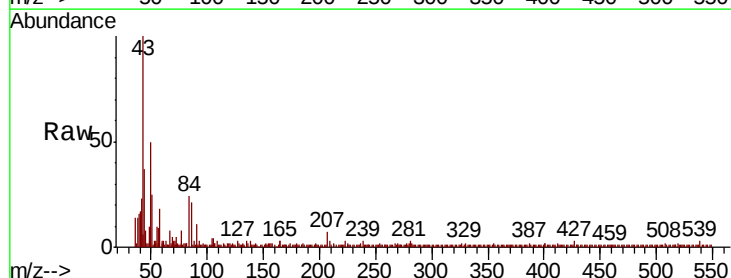
Tgt Ion: 88 Resp: 14

Ion Ratio Lower Upper

88 100

58 1078.6 64.3 96.5#

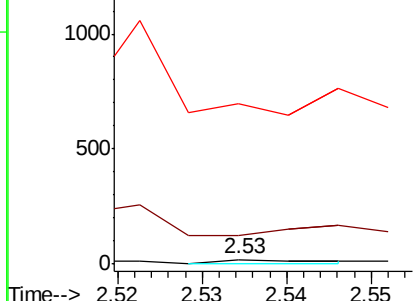
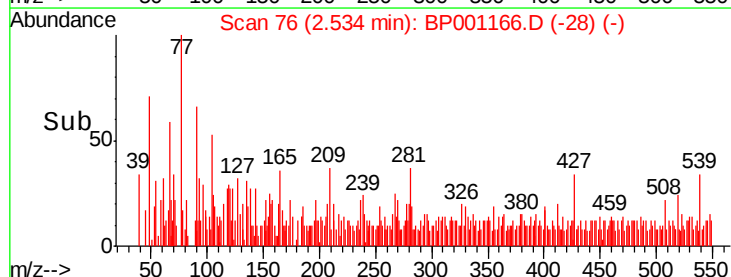
43 3328.6 23.8 35.6#

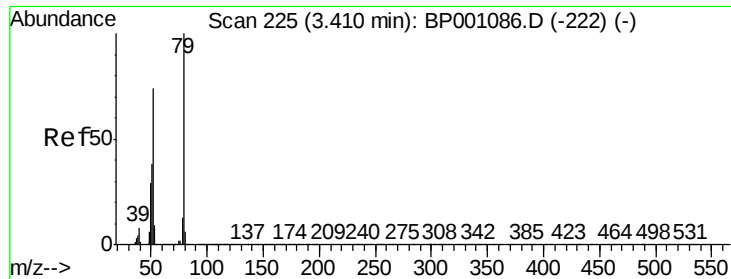


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

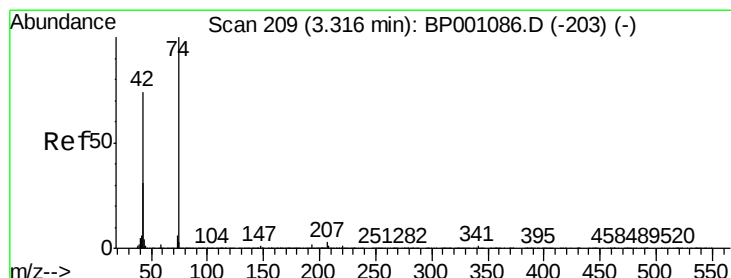
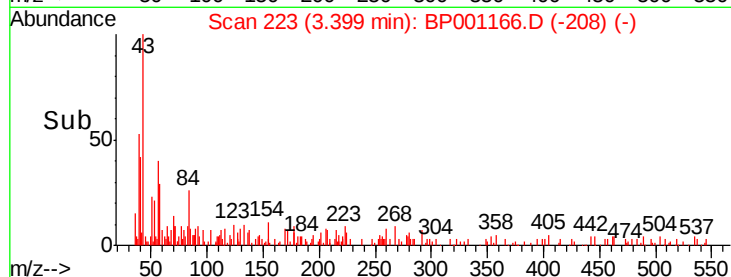
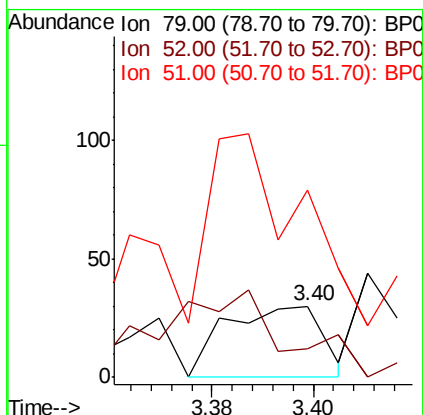
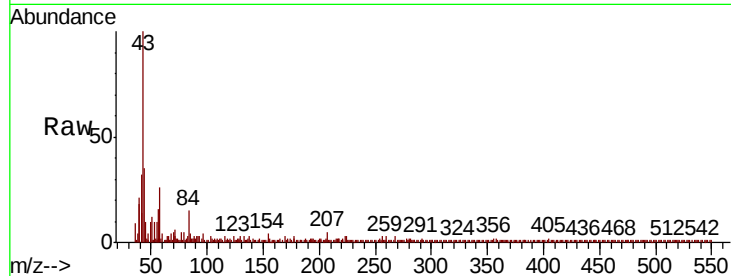




#3
Pvridine
Concen: 0.005 ng
RT: 3.40 min Scan# 223
Delta R.T. -0.01 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

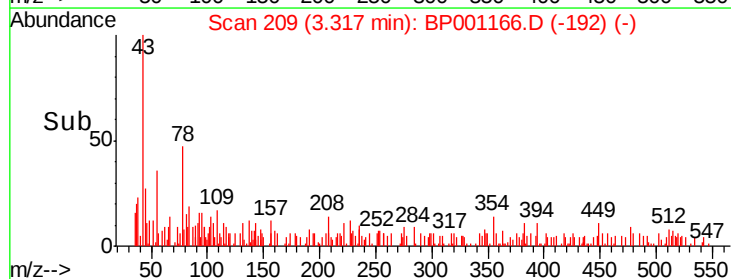
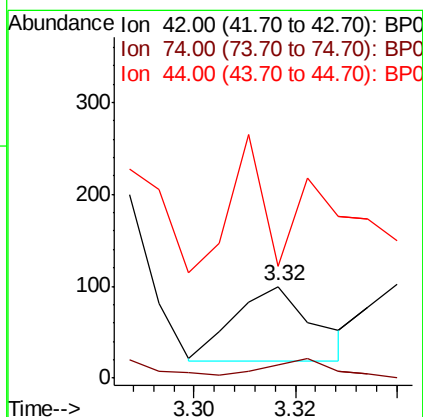
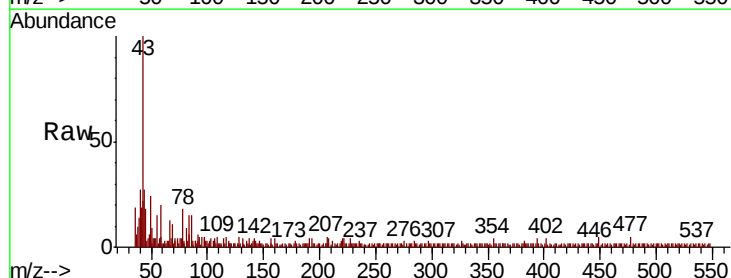
Instrument :
BNA_P
ClientSampled :

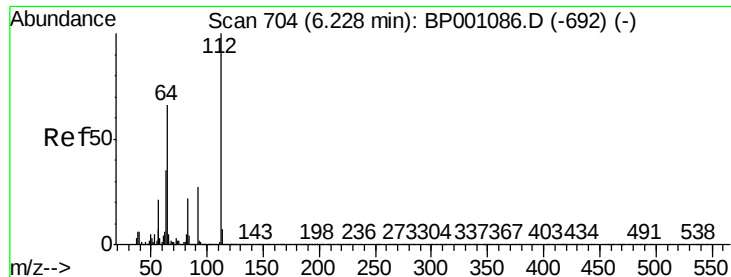
Tot Ion: 79 Resp: 40
Ion Ratio Lower Upper
79 100
52 40.0 59.4 89.2#
51 263.3 30.2 45.4#



#4
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.00 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 24.0 108.6 163.0#
44 121.0 5.1 7.7#





#5

2-Fluorophenol

Concen: 90.318 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

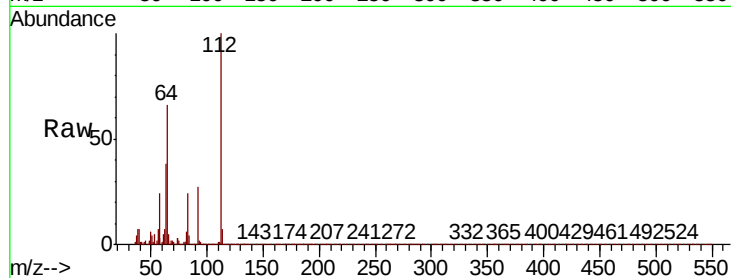
Tot Ion: 112 Resp: 589678

Ion Ratio Lower Upper

112 100

64 65.7 52.8 79.2

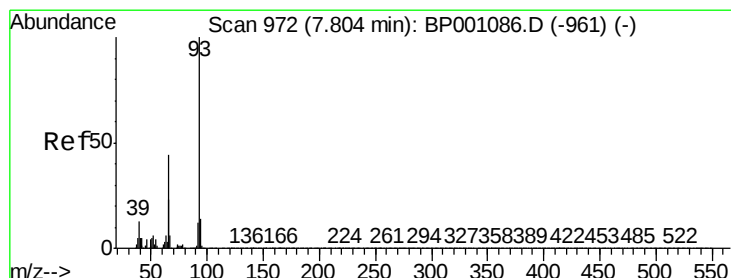
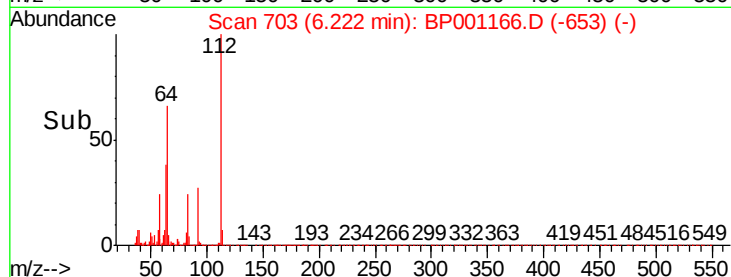
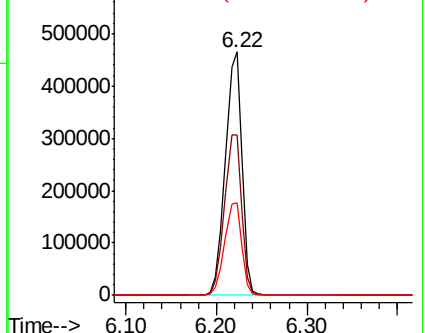
63 38.0 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.032 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

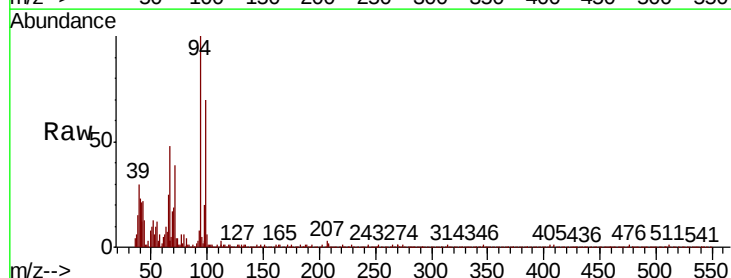
Tgt Ion: 93 Resp: 368

Ion Ratio Lower Upper

93 100

66 640.0 34.9 52.3#

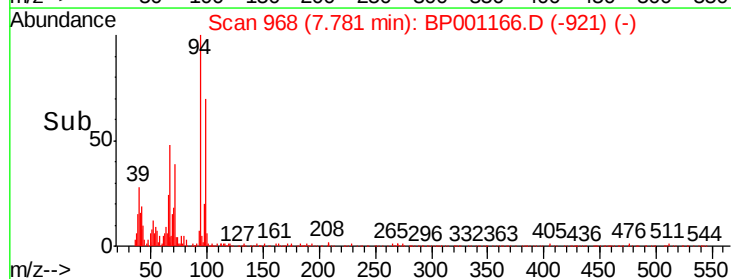
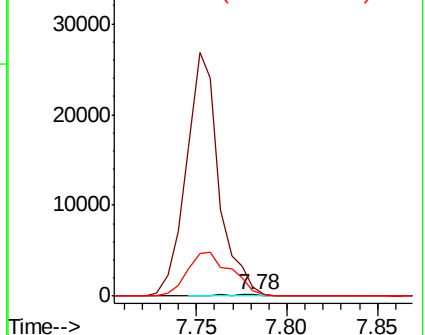
65 328.2 18.5 27.7#

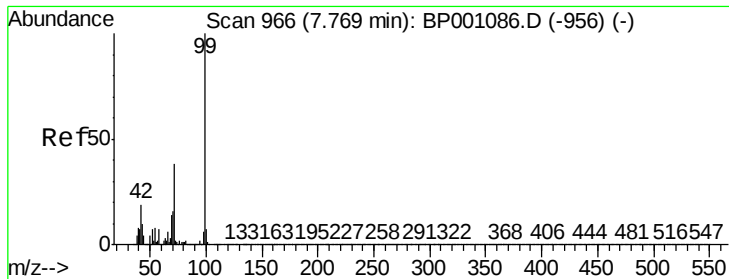


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 57.133 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

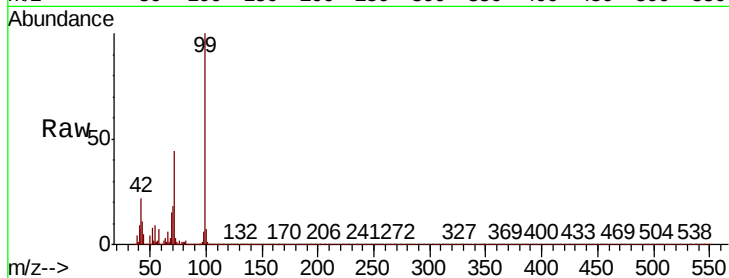
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 496953

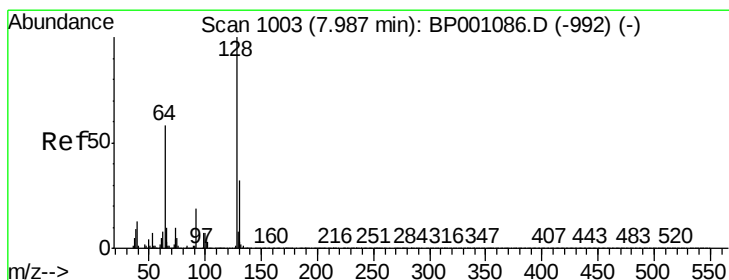
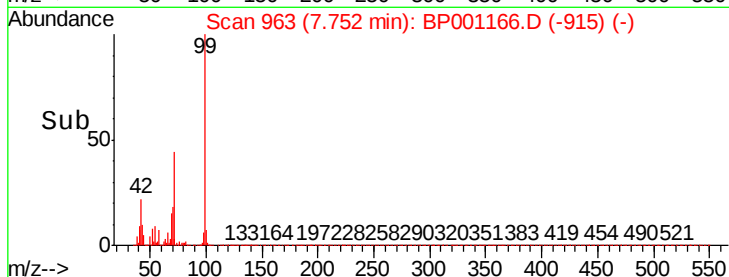
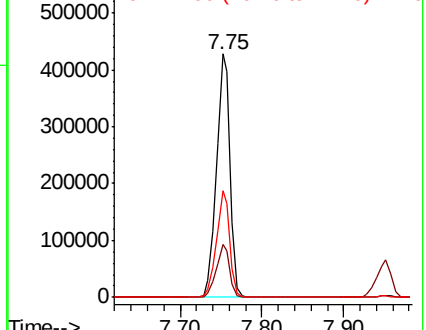
Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.4	23.0
71	43.8	30.8	46.2



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: 0.073 ng

RT: 7.97 min Scan# 1000

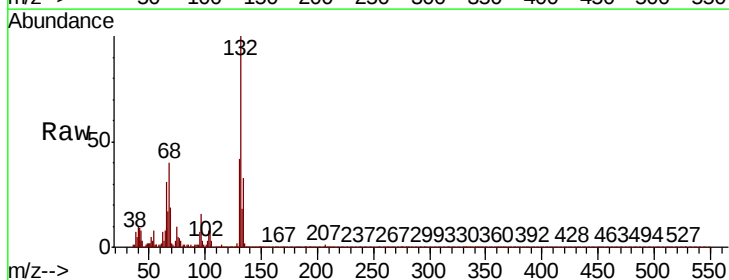
Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion: 128 Resp: 494

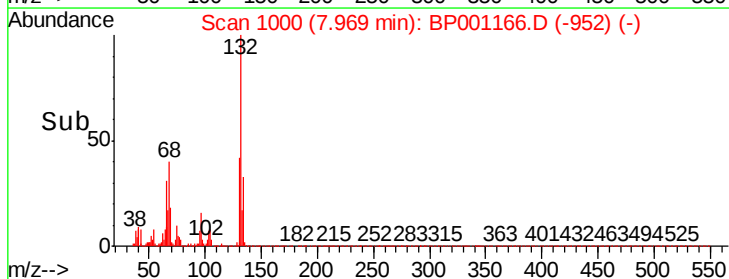
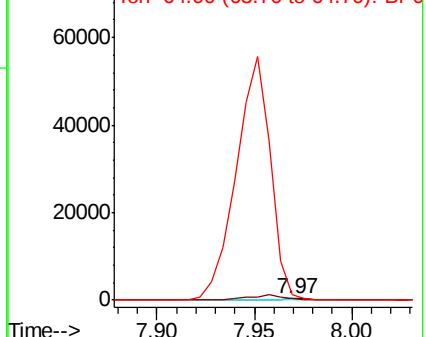
Ion	Ratio	Lower	Upper
128	100		
130	80.1	11.7	51.7#
64	347.9	39.7	79.7#

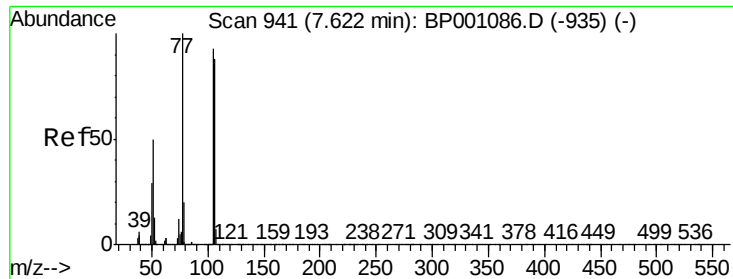


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BP001166.D

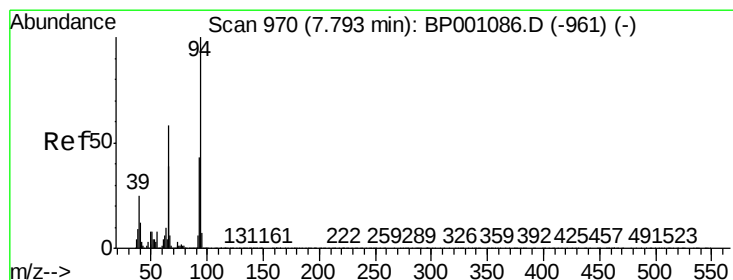
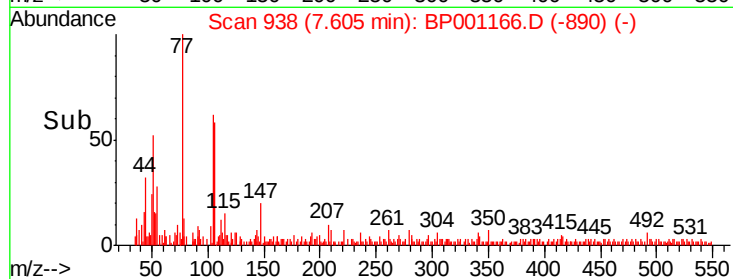
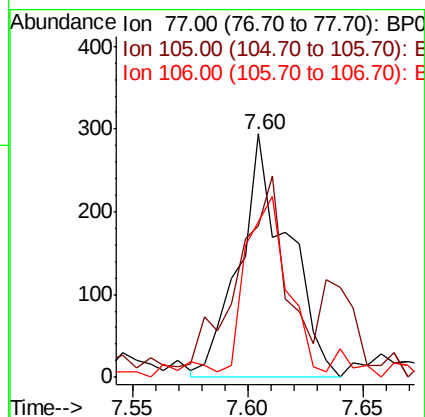
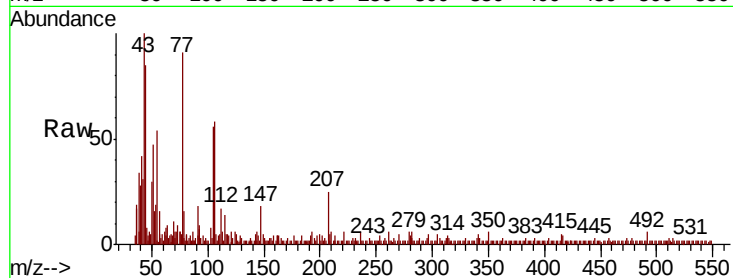
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	77	Resp:	430
Ion	Ratio	Lower	Upper
77	100		
105	62.2	72.5	112.5#
106	69.4	67.6	107.6



#10

Phenol

Concen: 0.764 ng

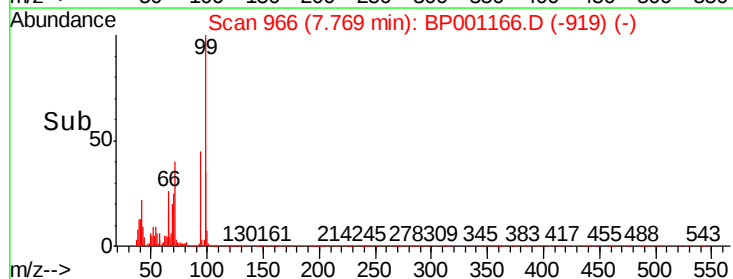
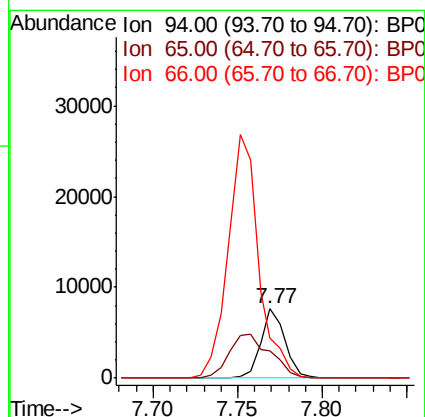
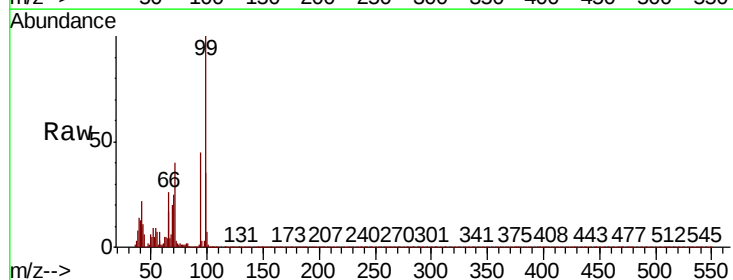
RT: 7.77 min Scan# 966

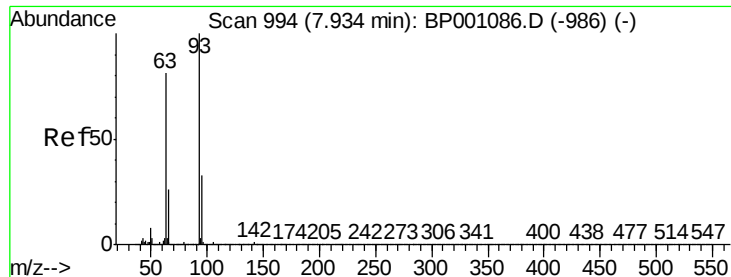
Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:	94	Resp:	7561
Ion	Ratio	Lower	Upper
94	100		
65	38.7	18.6	58.6
66	58.3	37.6	77.6

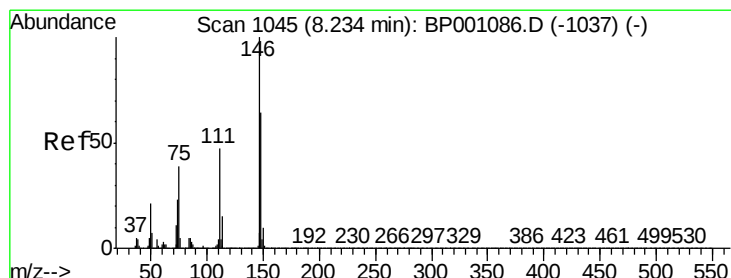
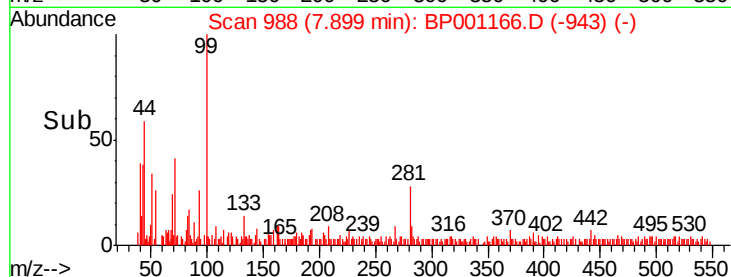
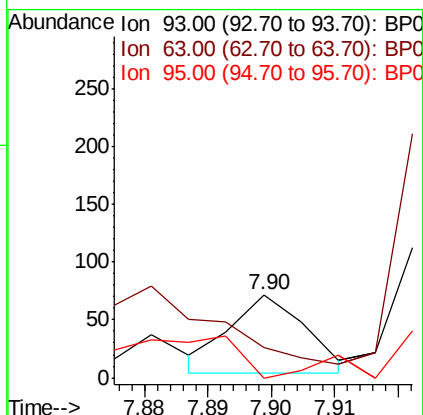
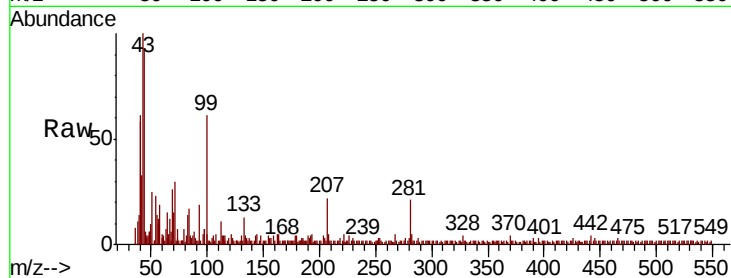




#11
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

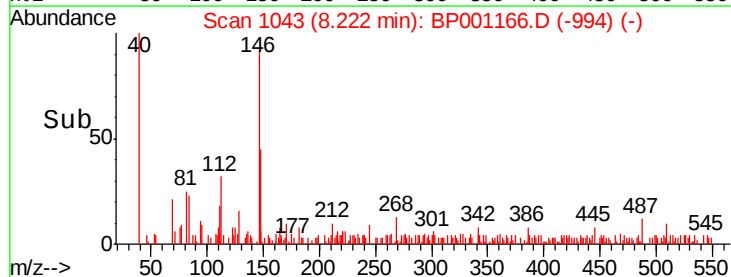
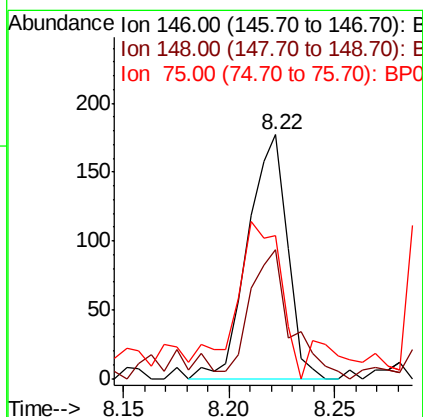
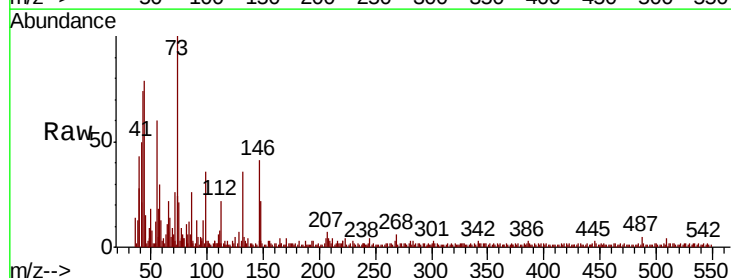
Instrument :
BNA_P
ClientSampled :

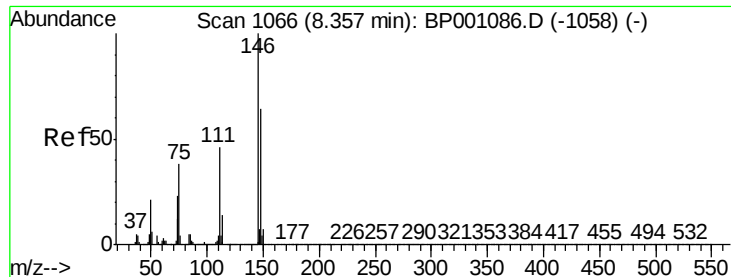
Tot Ion:	93	Resp:	56
Ion	Ratio	Lower	Upper
93	100		
63	36.1	60.7	100.7#
95	0.0	12.7	52.7#



#12
1,3-Dichlorobenzene
Concen: 0.029 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:	146	Resp:	230
Ion	Ratio	Lower	Upper
146	100		
148	53.1	51.1	76.7
75	58.8	31.3	46.9#

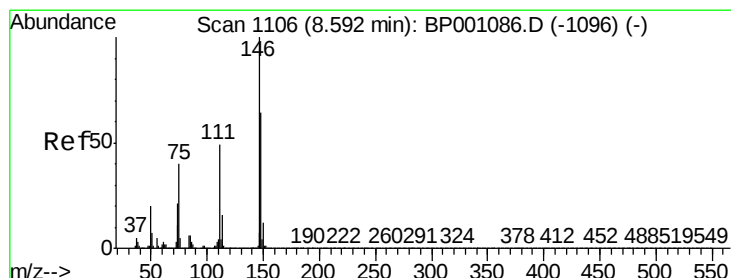
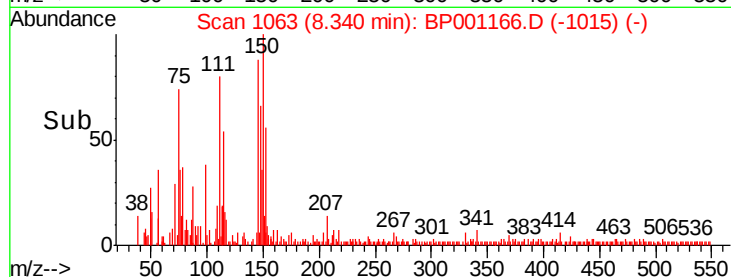
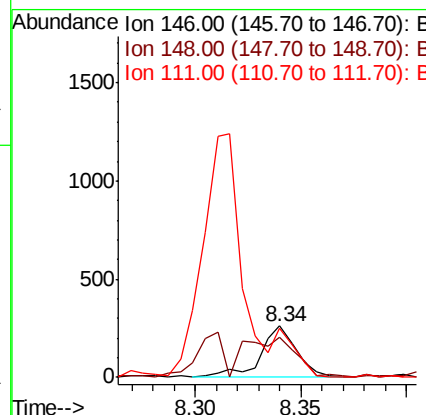
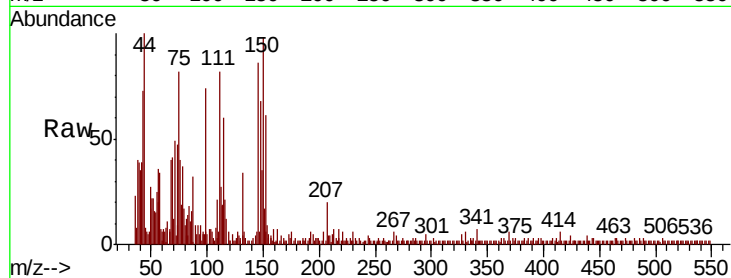




#13
1,4-Dichlorobenzene
Concen: 0.039 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

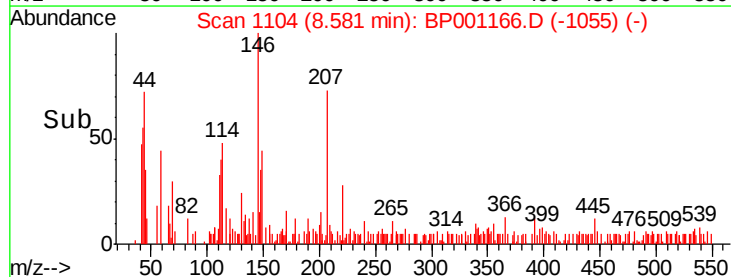
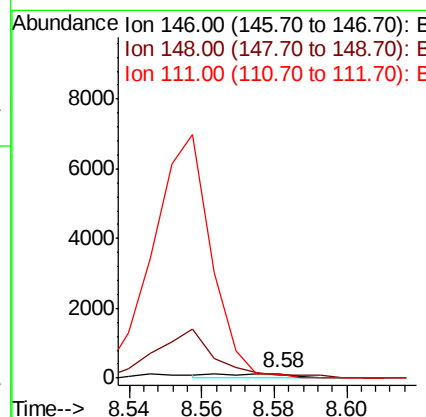
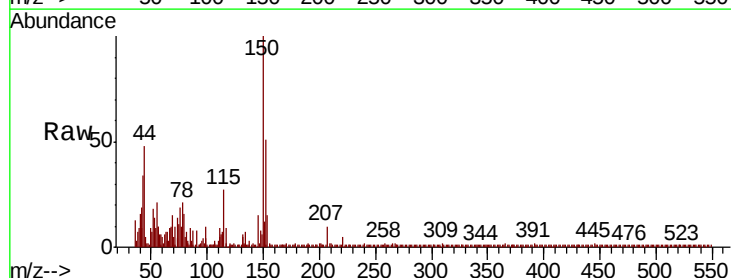
Instrument :
BNA_P
ClientSampleId :

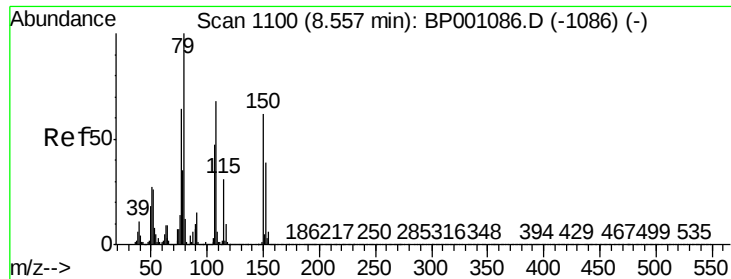
Tot Ion:146 Resp: 315
Ion Ratio Lower Upper
146 100
148 73.5 51.6 77.4
111 88.5 37.0 55.6#



#14
1,2-Dichlorobenzene
Concen: 0.023 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:146 Resp: 177
Ion Ratio Lower Upper
146 100
148 51.8 51.5 77.3
111 88.5 39.3 58.9#

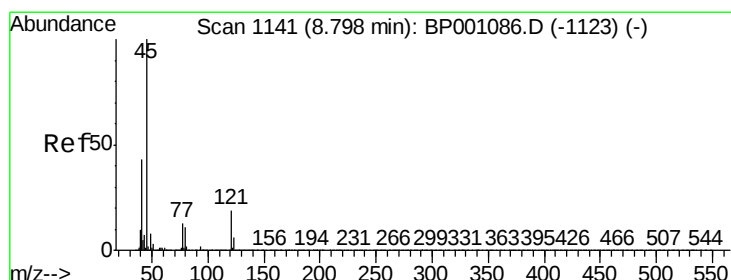
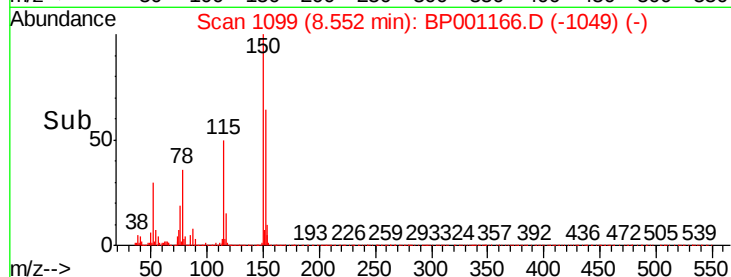
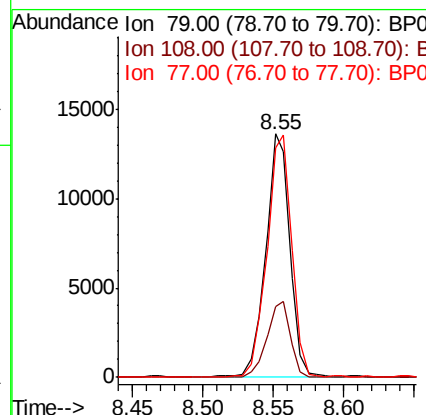
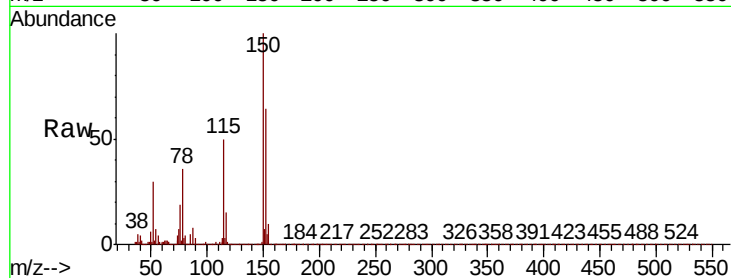




#15
Benzyl Alcohol
Concen: 2.296 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

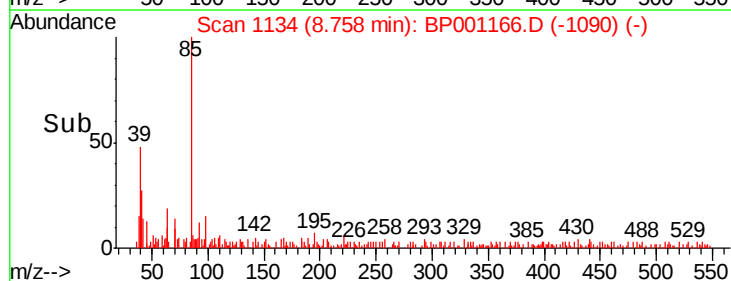
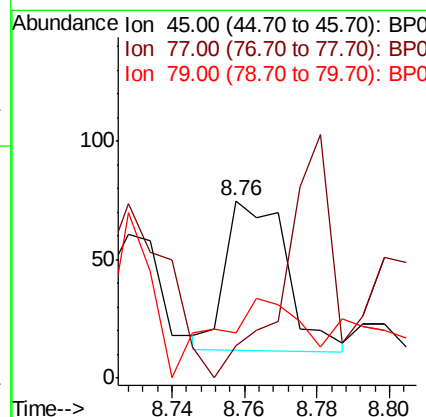
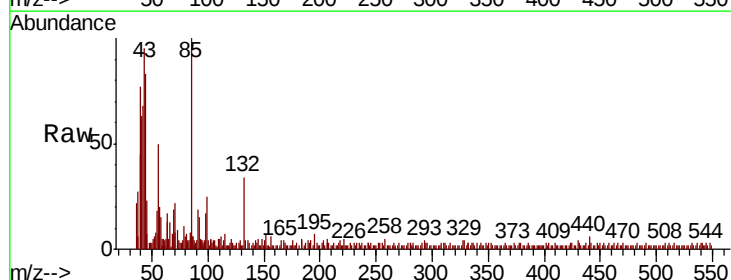
Instrument :
BNA_P
ClientSampleId :

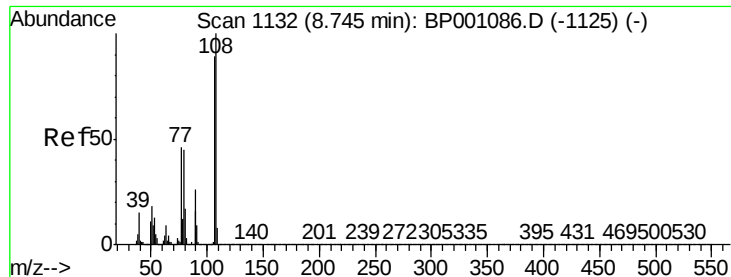
Tot Ion: 79 Resp: 16396
Ion Ratio Lower Upper
79 100
108 28.8 54.8 82.2#
77 94.3 51.4 77.2#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.04 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion: 45 Resp: 74
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.3
79 19.2 0.0 30.9

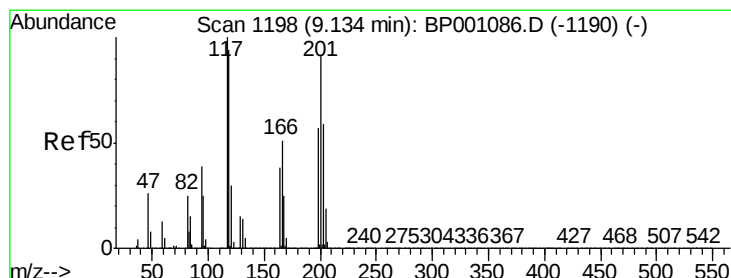
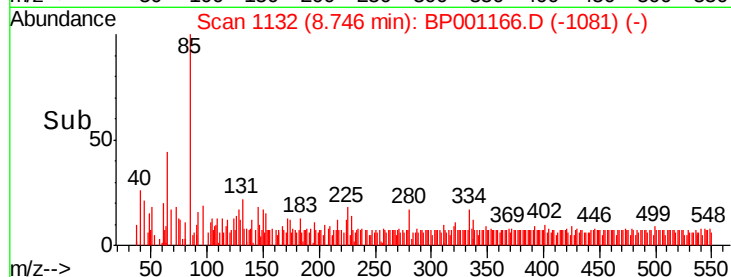
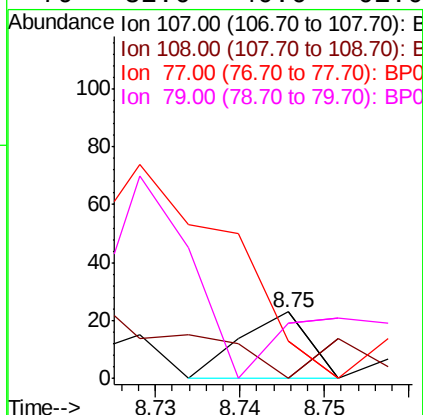
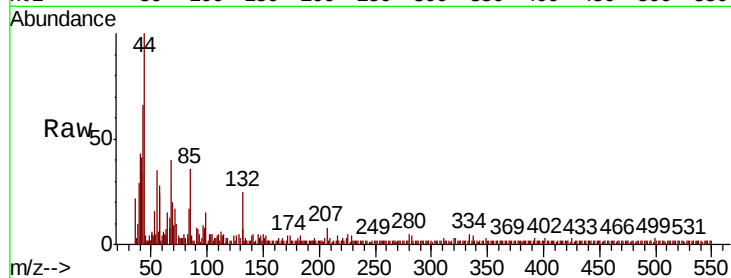




#17
2-Methylphenol
Concen: 0.002 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

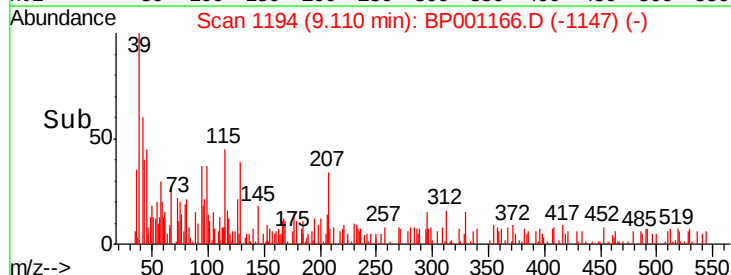
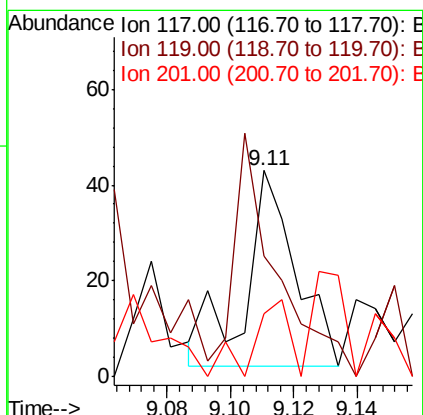
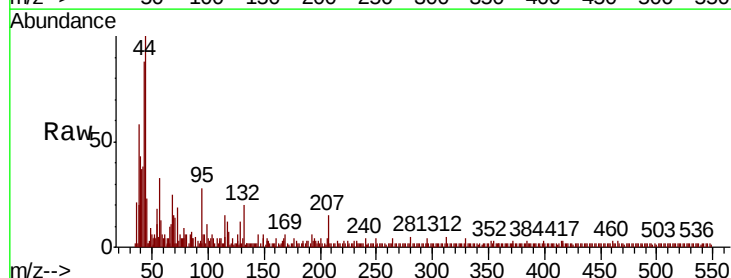
Instrument :
BNA_P
ClientSampleId :

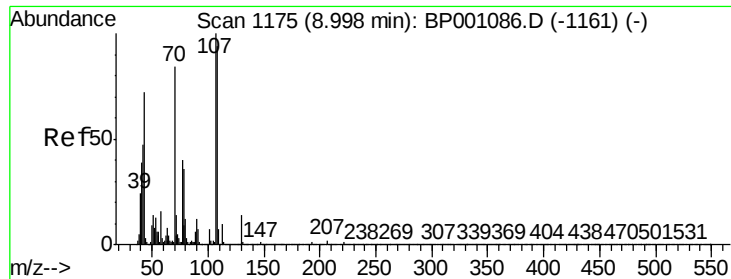
Tot Ion:	107	Resp:	13
Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.8	134.6#
77	56.5	41.4	62.2
79	82.6	40.6	61.0#



#18
Hexachloroethane
Concen: 0.014 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:	117	Resp:	46
Ion	Ratio	Lower	Upper
117	100		
119	58.1	75.2	112.8#
201	30.2	72.5	108.7#





#19

n-Nitroso-di-n-propylamine

Concen: 19.279 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.19 min

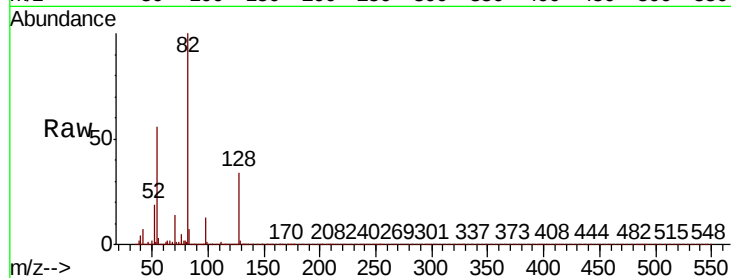
Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 70 Resp: 121002

Ion	Ratio	Lower	Upper
70	100		
42	47.8	44.6	66.8
101	0.0	7.1	10.7#
130	1.7	13.8	20.6#

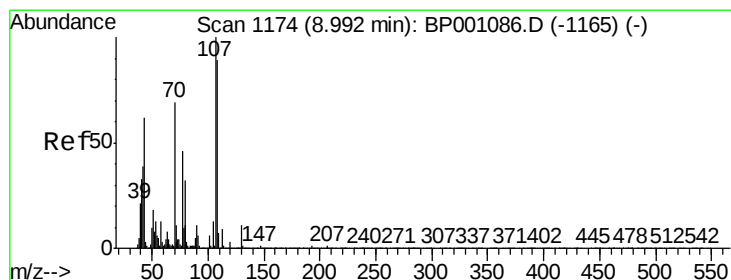
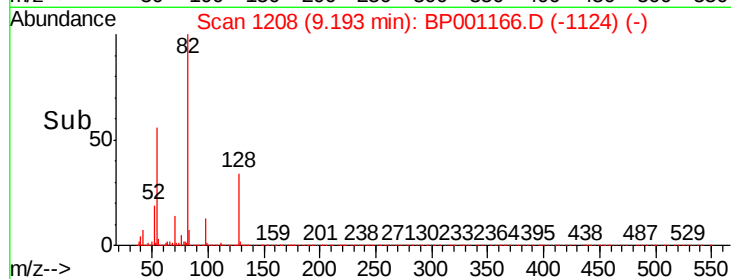
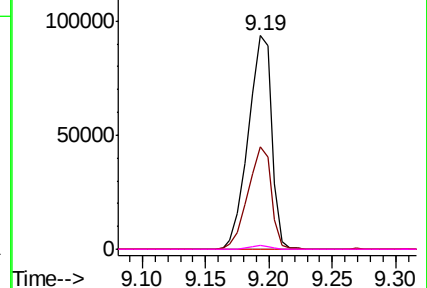


Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 0.006 ng

RT: 8.97 min Scan# 1170

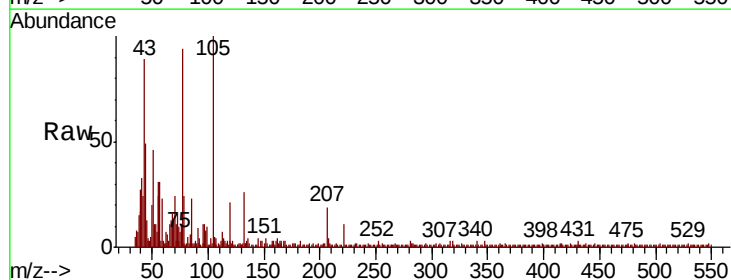
Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion: 107 Resp: 45

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.9	108.9#
77	1978.6	25.9	65.9#
79	64.3	11.9	51.9#

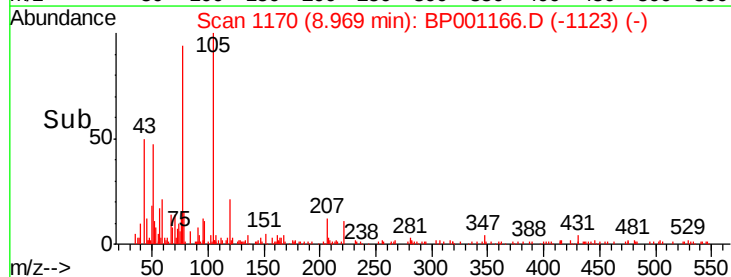
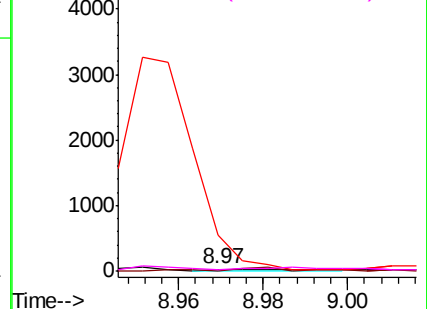


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

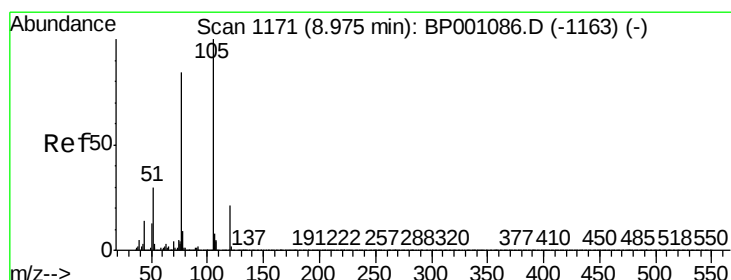
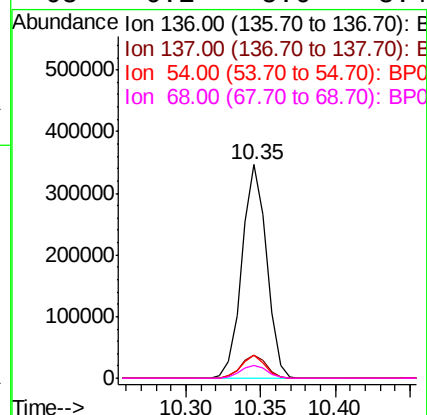
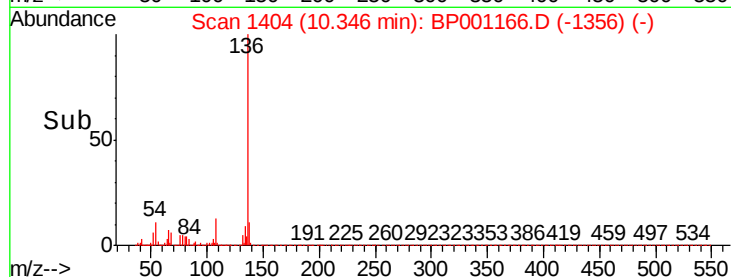
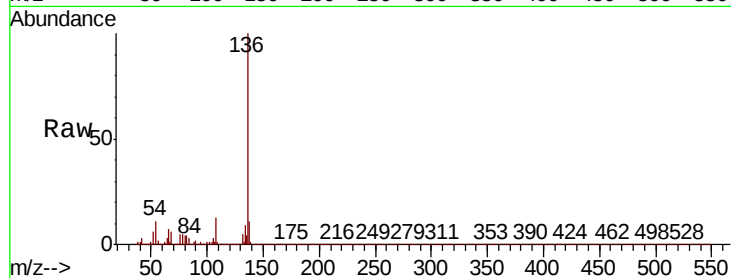




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

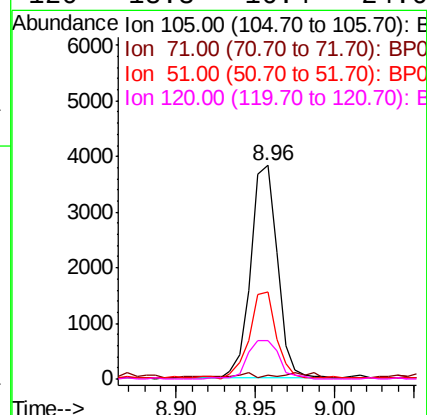
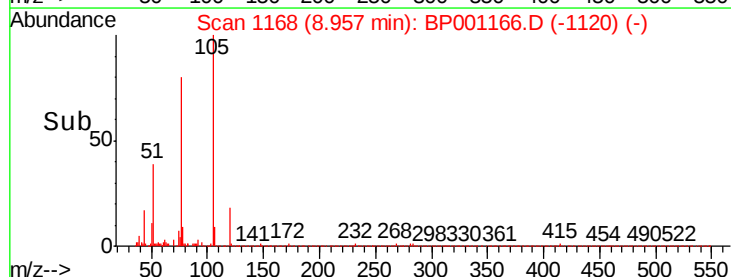
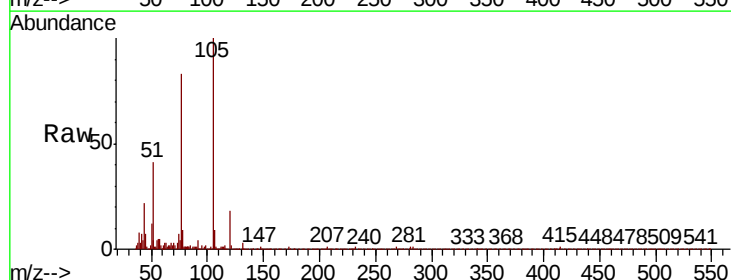
Instrument :
BNA_P
ClientSampled :

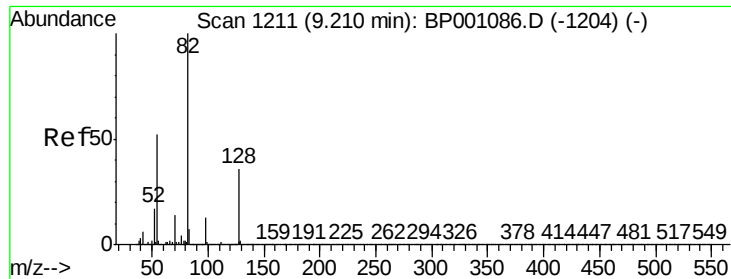
Tot Ion:136	Resp:	399272	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 10.5	7.9	11.9	
68 6.1	5.6	8.4	



#22
Acetophenone
Concen: 0.384 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt	Ion:105	Resp:	4504
Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.5	0.7#
51	41.0	24.2	36.4#
120	18.3	16.4	24.6

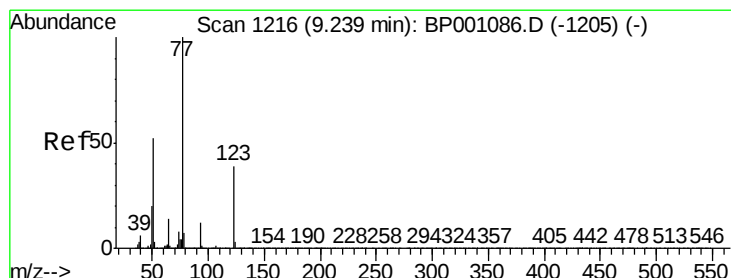
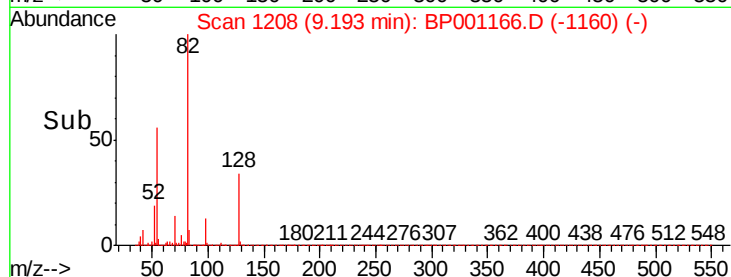
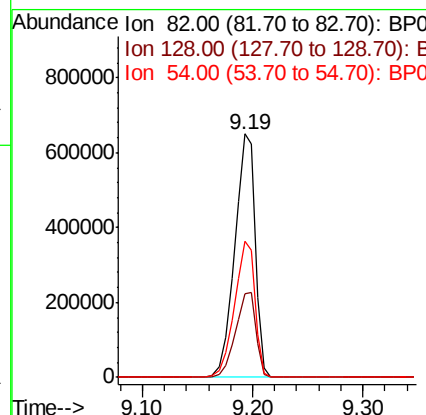
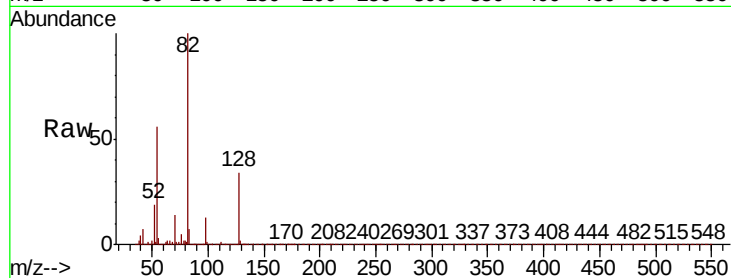




#23
 Nitrobenzene-d5
 Concen: 92.028 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001166.D
 Acq: 03 Dec 2019 20:39

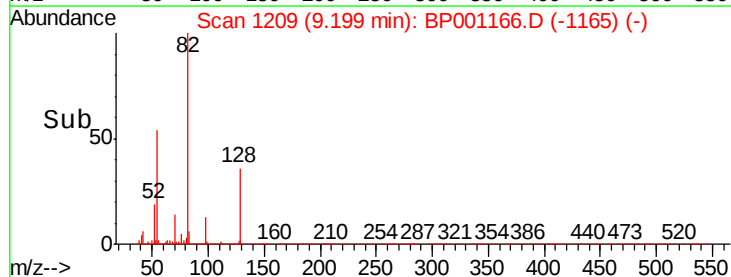
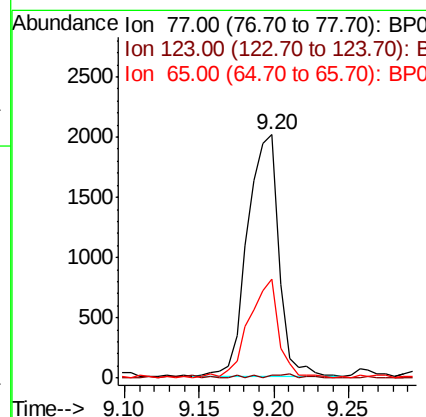
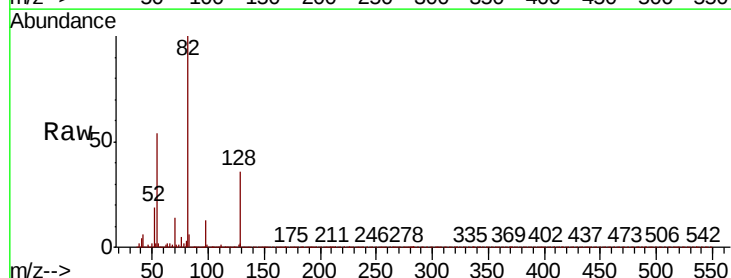
Instrument :
 BNA_P
 ClientSampleId :

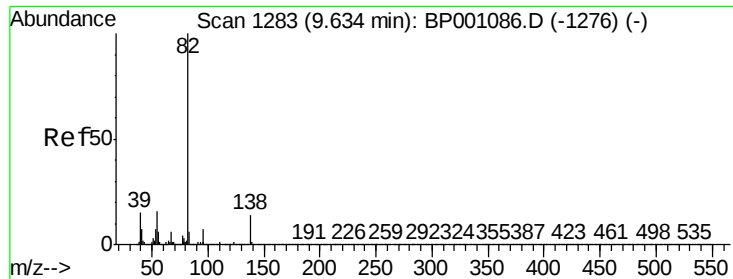
Tot Ion	82	Resp	846914
Ion Ratio	Lower	Upper	
82	100		
128	34.2	28.9	43.3
54	55.8	41.9	62.9



#24
 Nitrobenzene
 Concen: 0.320 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BP001166.D
 Acq: 03 Dec 2019 20:39

Tgt Ion	77	Resp	2932
Ion Ratio	Lower	Upper	
77	100		
123	1.1	31.0	46.4#
65	40.8	11.0	16.6#

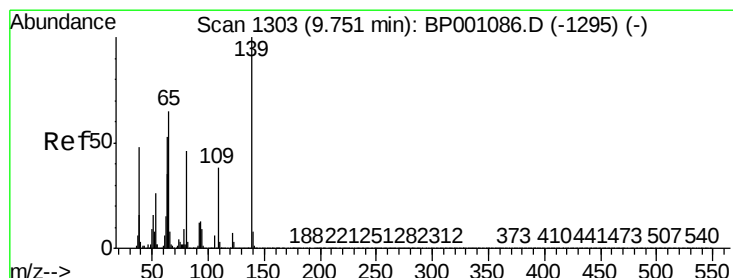
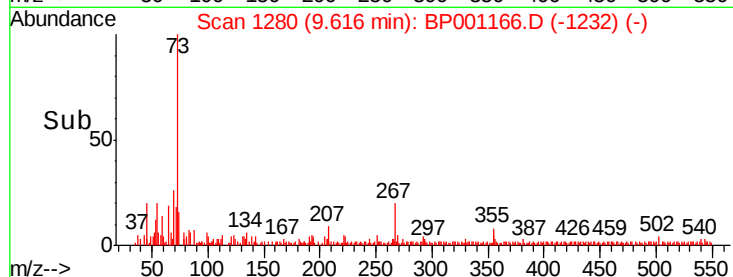
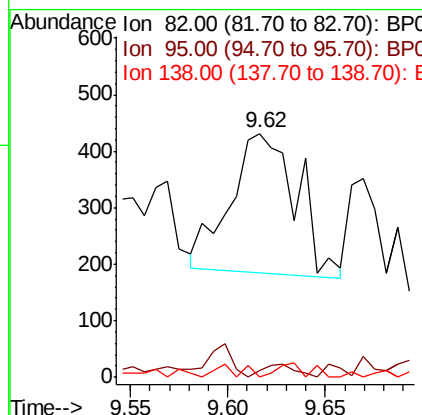
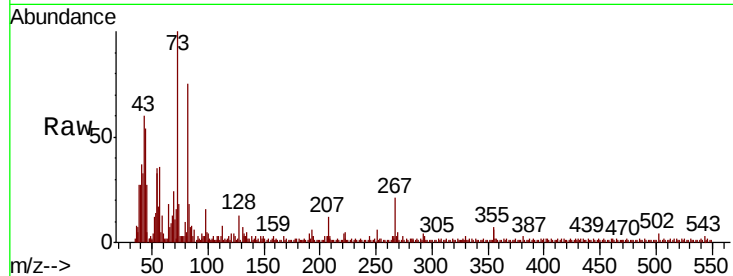




#25
Isophorone
Concen: 0.035 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

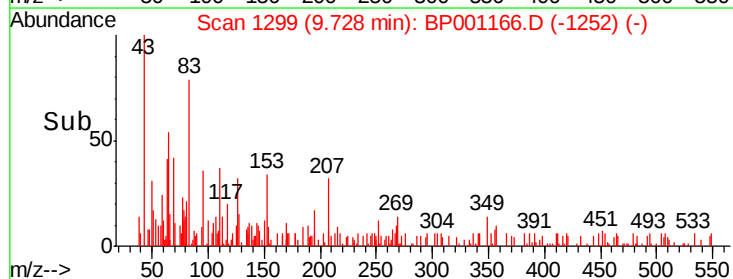
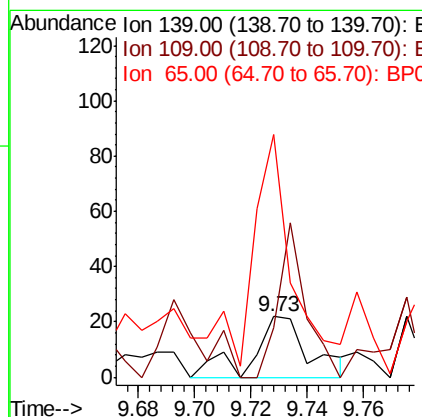
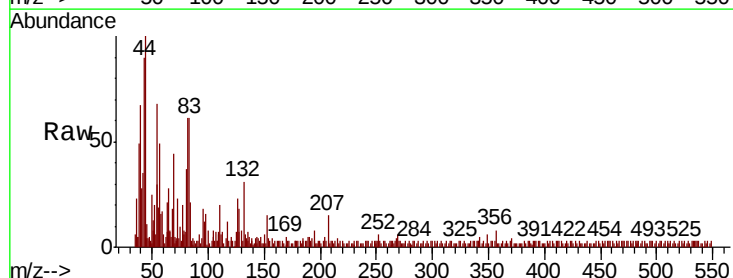
Instrument :
BNA_P
ClientSampleId :

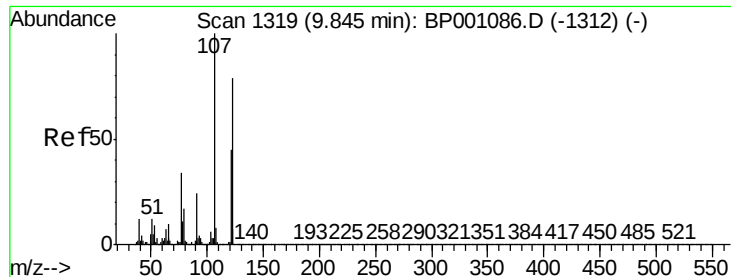
Tot Ion: 82 Resp: 583
Ion Ratio Lower Upper
82 100
95 2.6 5.7 8.5#
138 0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 0.009 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion: 139 Resp: 30
Ion Ratio Lower Upper
139 100
109 181.8 30.6 45.8#
65 500.0 51.8 77.8#

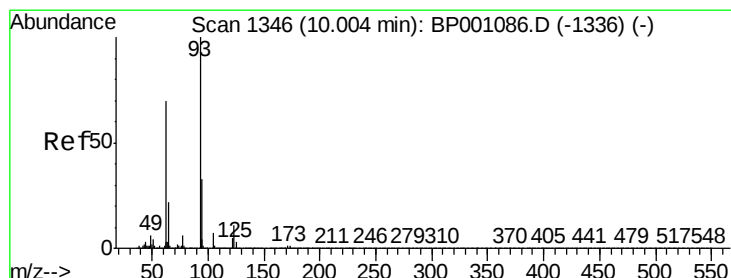
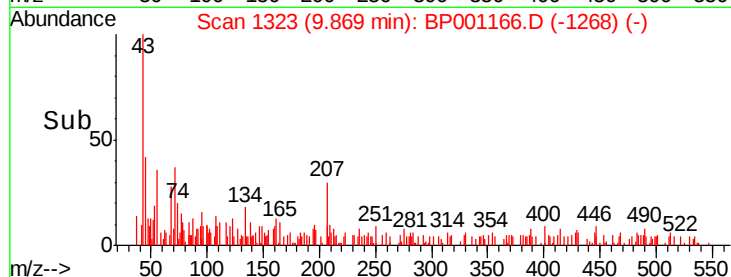
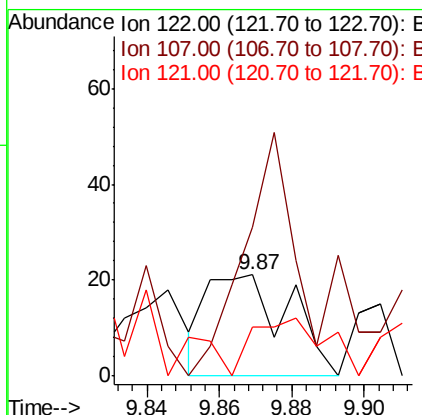
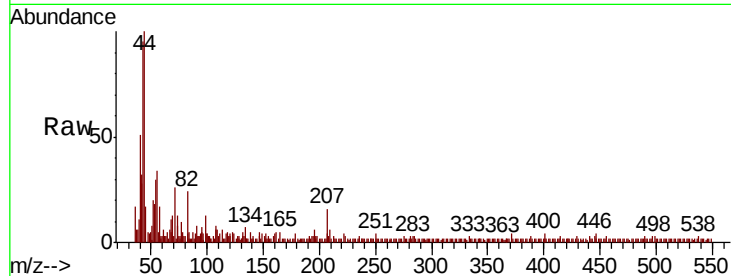




#27
2,4-Dimethylphenol
Concen: 0.006 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

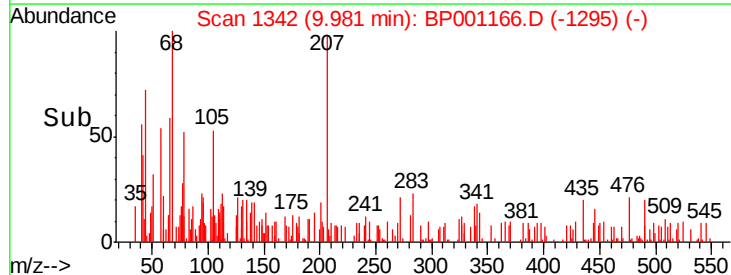
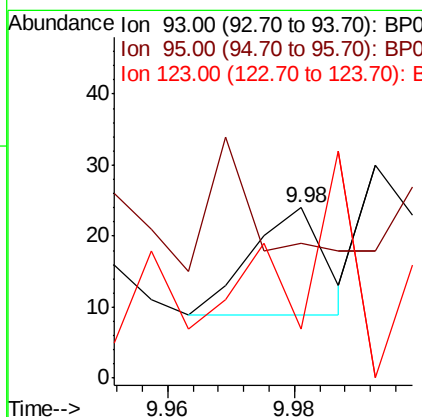
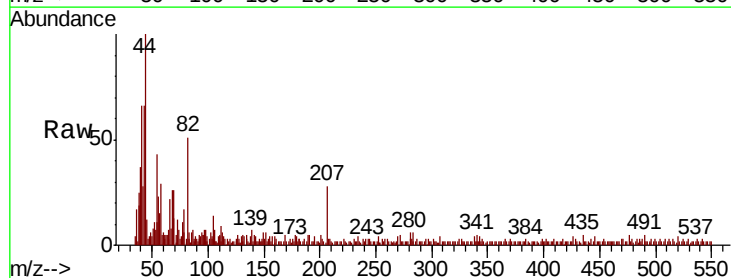
Instrument :
BNA_P
ClientSampleId :

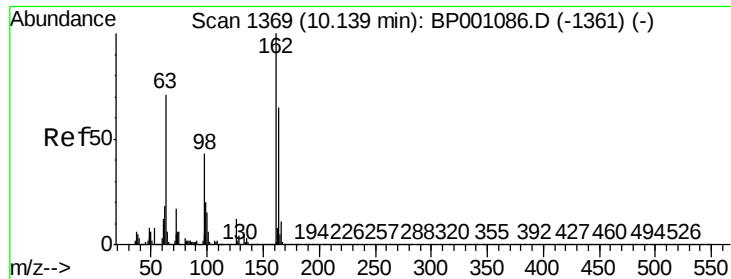
Tot Ion	Ratio	Lower	Upper
122	100		
107	147.6	101.9	152.9
121	47.6	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 0.001 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	150.0	26.0	39.0#
123	29.2	8.9	13.3#





#29

2,4-Dichlorophenol

Concen: 0.003 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.05 min

Lab File: BP001166.D

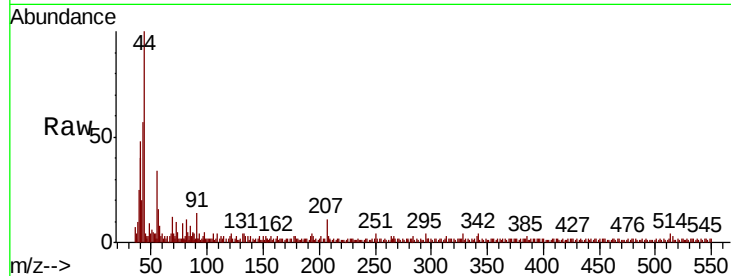
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

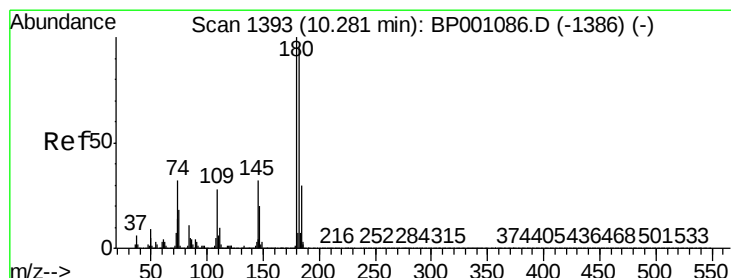
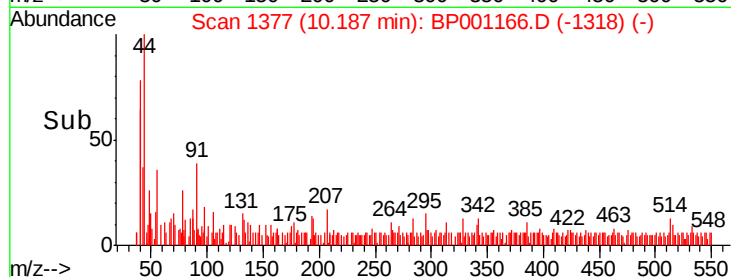
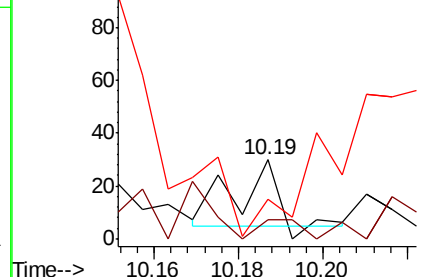
Tot Ion:	162	Resp:	16
Ion Ratio	Lower	Upper	
162	100		
164	60.0	45.1	85.1
98	50.0	23.4	63.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

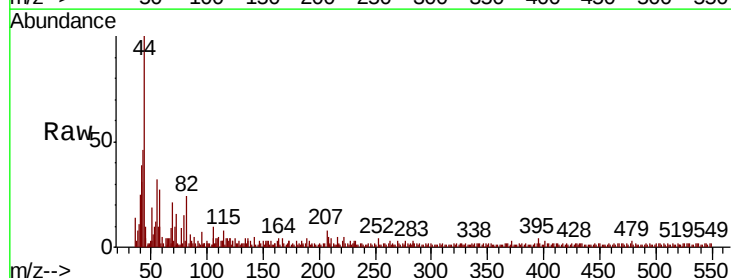
RT: 10.05 min Scan# 1353

Delta R.T. -0.23 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

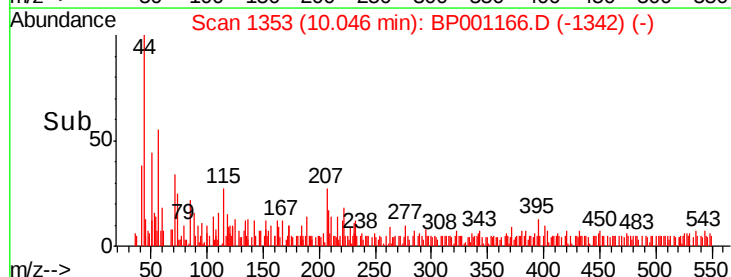
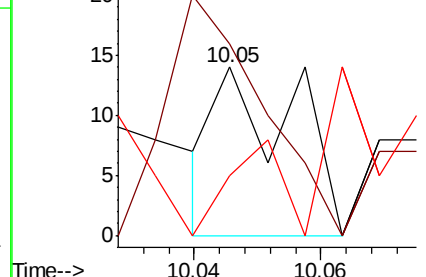
Tgt Ion:	180	Resp:	12
Ion Ratio	Lower	Upper	
180	100		
182	114.3	76.3	114.5
145	35.7	25.4	38.2

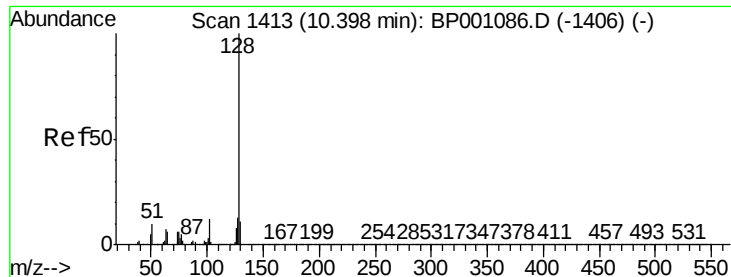


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

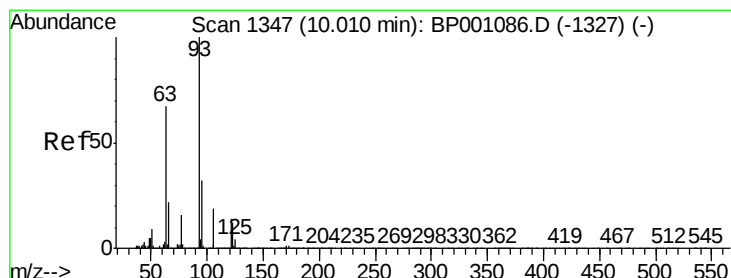
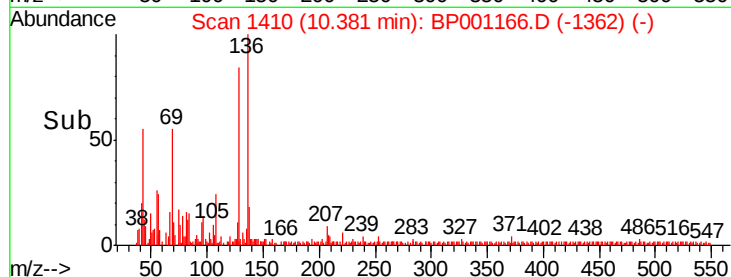
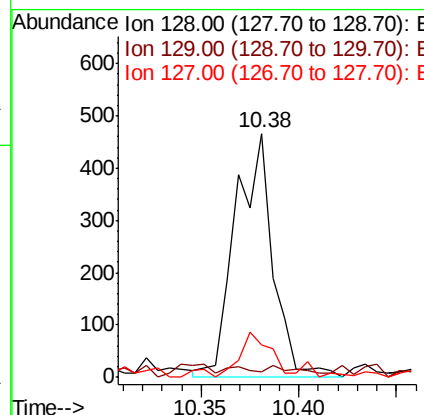
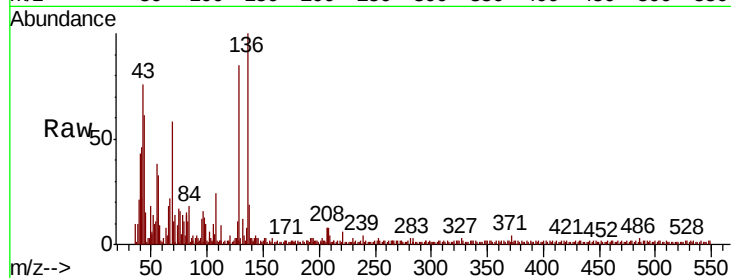




#31
Naphthalene
Concen: 0.031 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

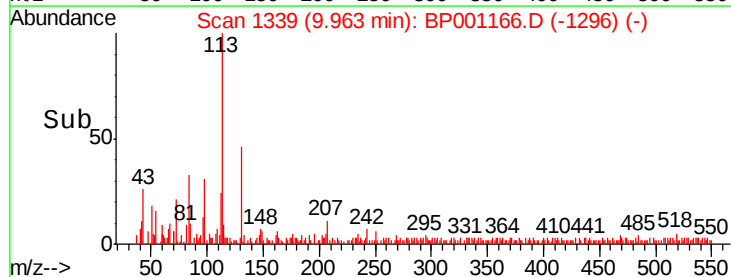
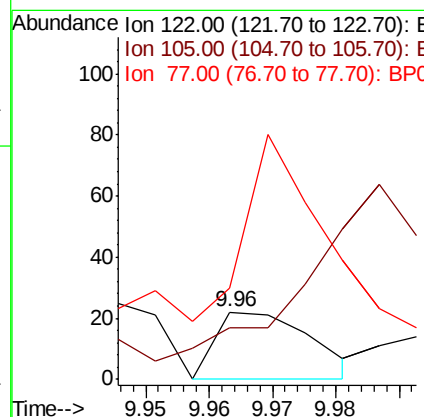
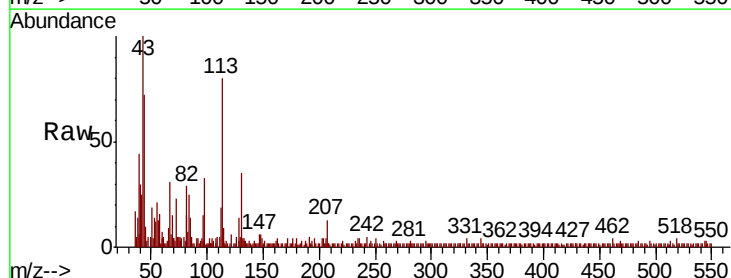
Instrument :
BNA_P
ClientSampleId :

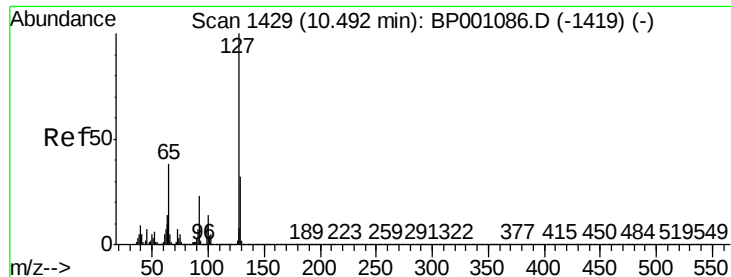
Tot Ion	Ratio	Lower	Upper
128	100		
129	2.1	8.8	13.2#
127	13.1	10.6	16.0



#32
Benzoic acid
Concen: 0.006 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	77.3	116.8	156.8#
77	136.4	95.0	135.0#

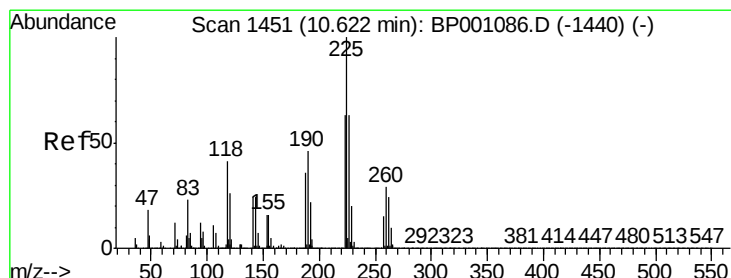
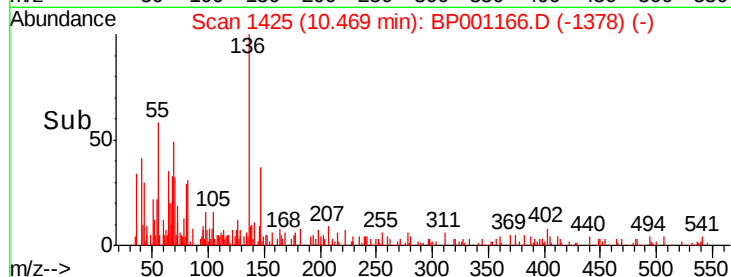
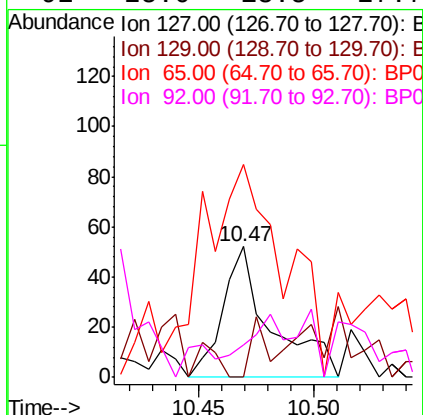
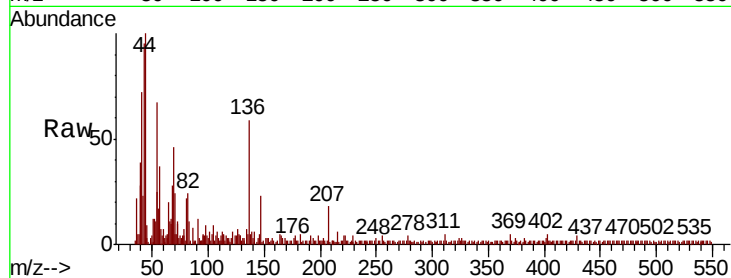




#33
4-Chloroaniline
Concen: 0.009 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

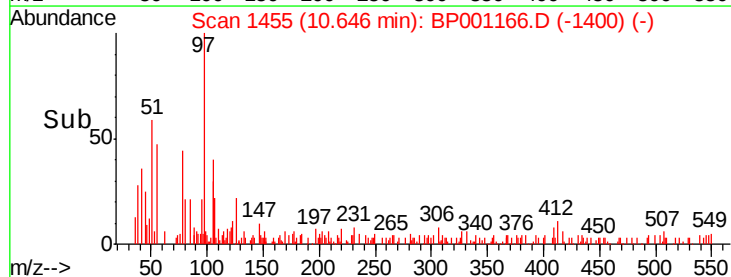
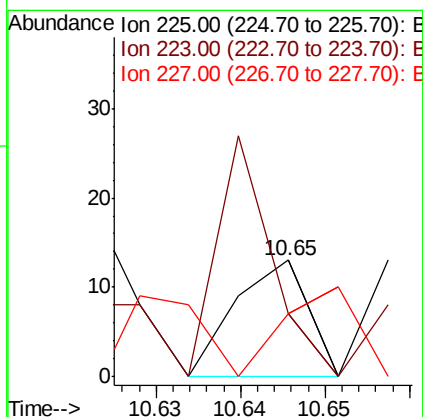
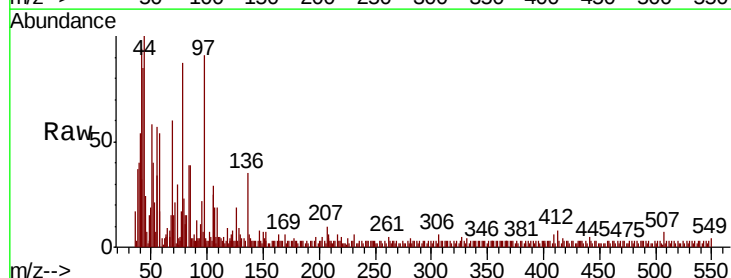
Instrument :
BNA_P
ClientSampled :

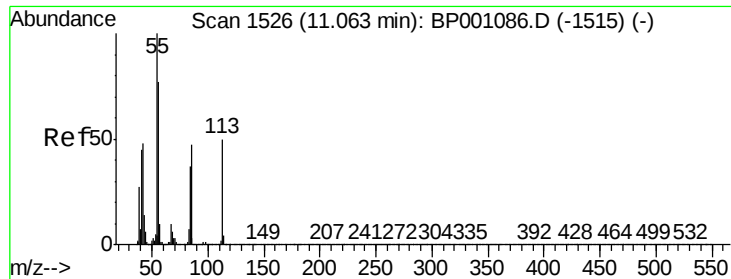
Tot Ion:	127	Resp:	76
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.5	38.3#
65	163.5	30.6	46.0#
92	25.0	18.5	27.7



#34
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:	225	Resp:	8
Ion	Ratio	Lower	Upper
225	100		
223	53.8	50.0	75.0
227	53.8	50.0	75.0





#35

Caprolactam

Concen: 0.004 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.03 min

Lab File: BP001166.D

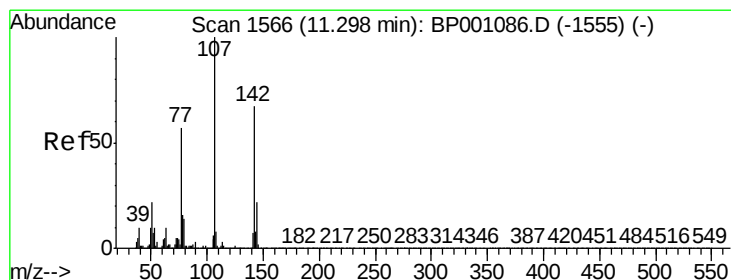
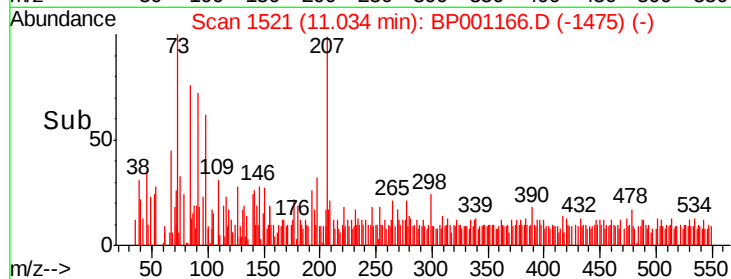
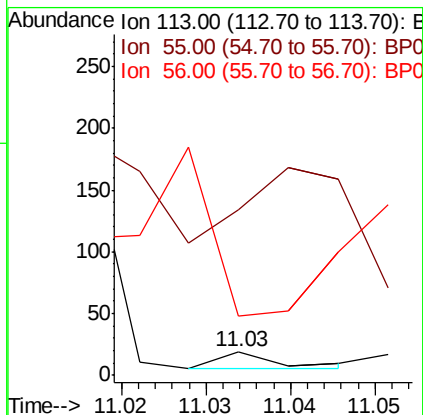
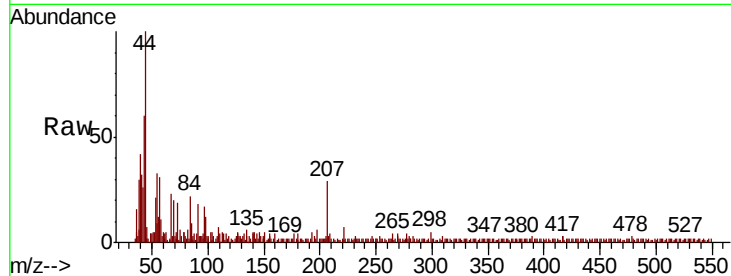
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampled :

Tot Ion:	113	Resp:	8
Ion	Ratio	Lower	Upper
113	100		
55	705.3	181.2	221.2#
56	252.6	134.7	174.7#



#36

4-Chloro-3-methylphenol

Concen: 0.001 ng

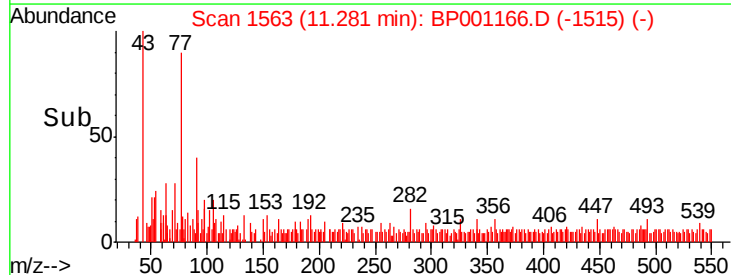
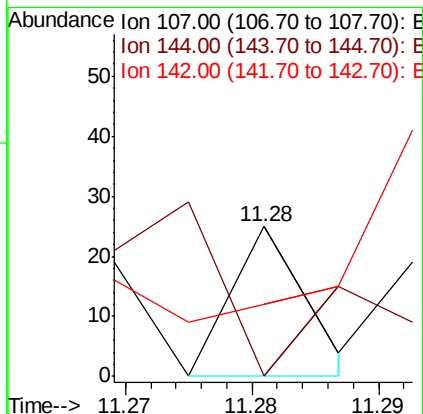
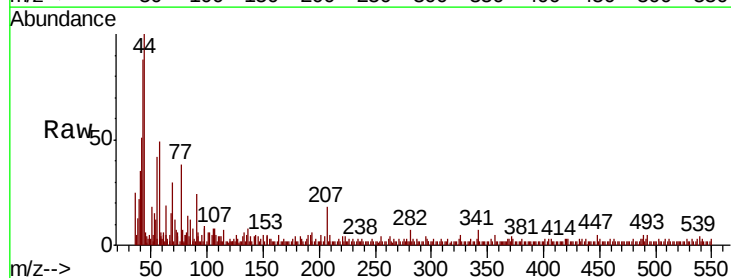
RT: 11.28 min Scan# 1563

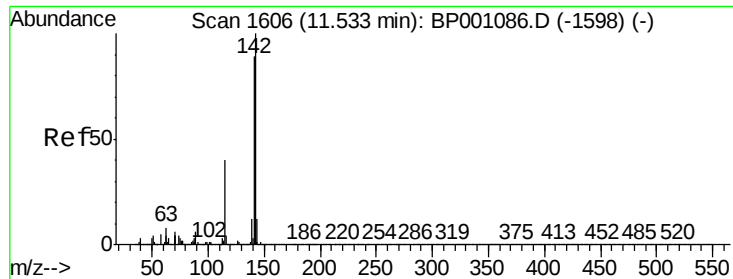
Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:	107	Resp:	10
Ion	Ratio	Lower	Upper
107	100		
144	0.0	17.5	26.3#
142	48.0	53.3	79.9#

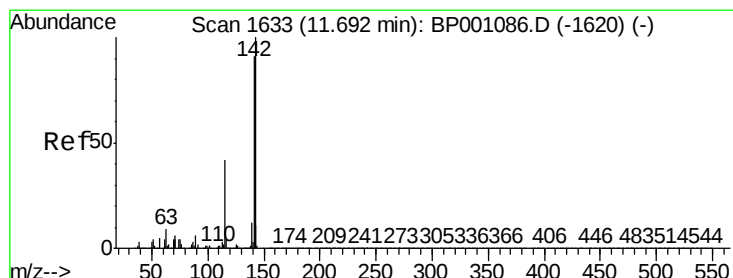
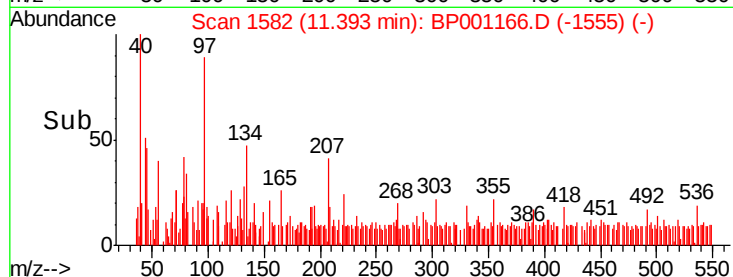
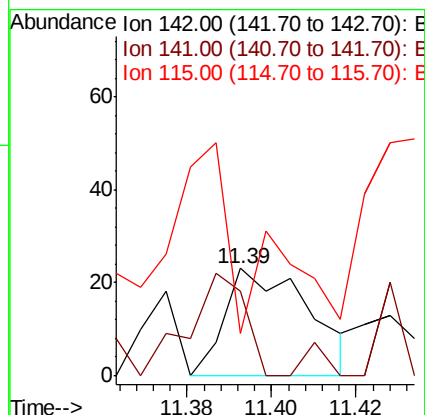
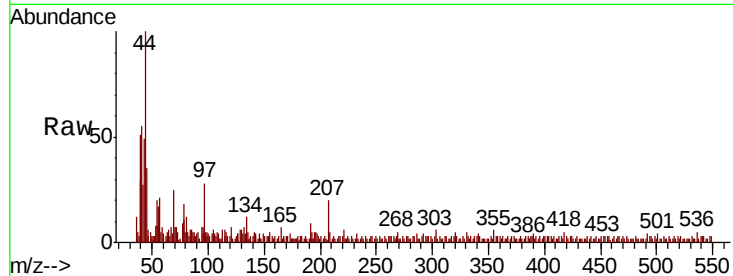




#37
2-Methylnaphthalene
Concen: 0.002 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.14 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

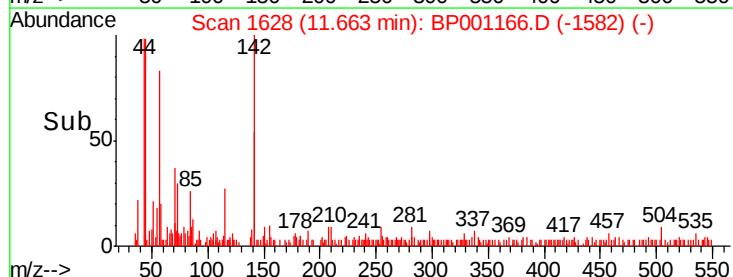
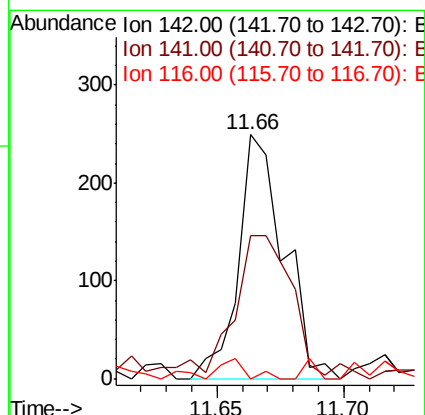
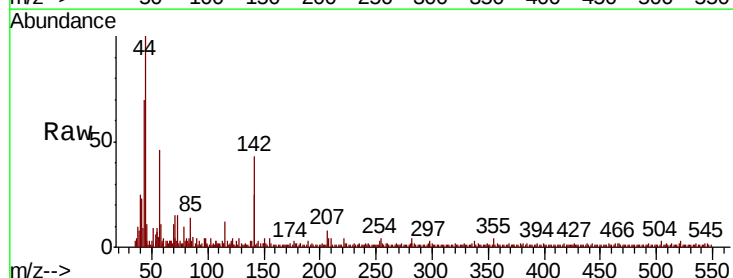
Instrument :
BNA_P
ClientSampled :

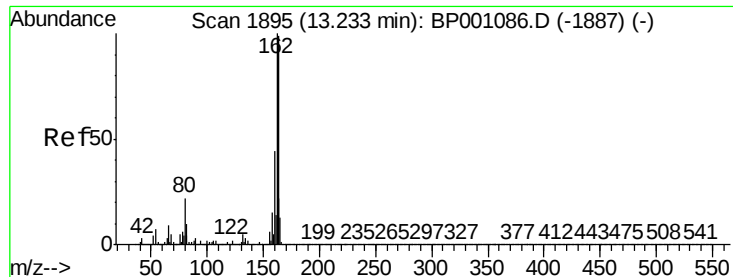
Tot Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
141 78.3 71.1 106.7
115 39.1 32.3 48.5



#38
1-Methylnaphthalene
Concen: 0.024 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
141 58.6 73.0 109.4#
116 0.0 3.4 5.2#

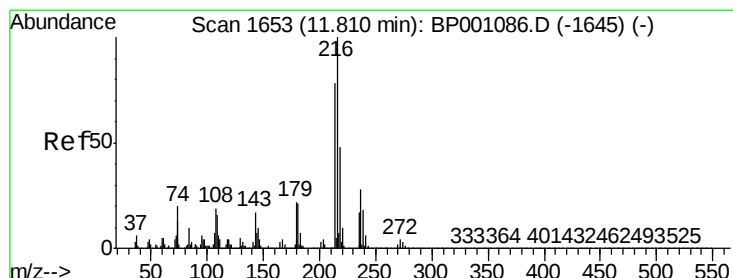
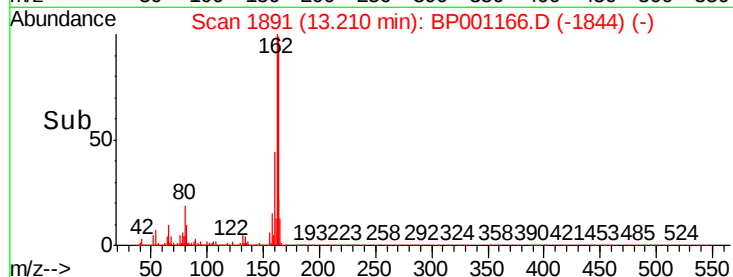
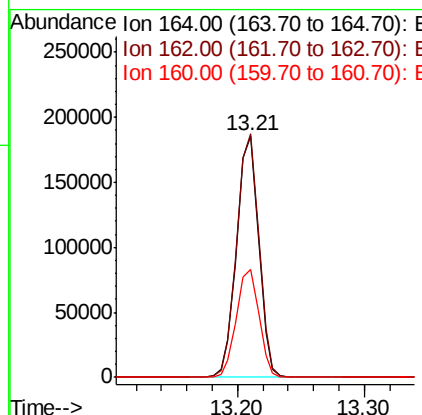
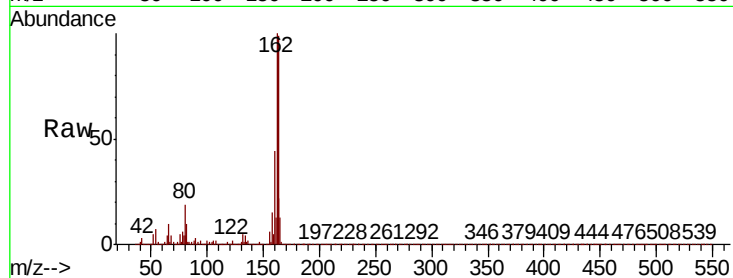




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

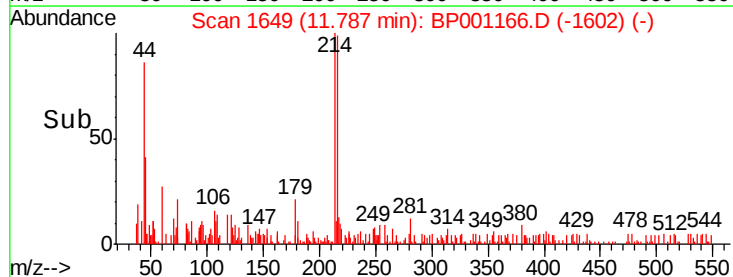
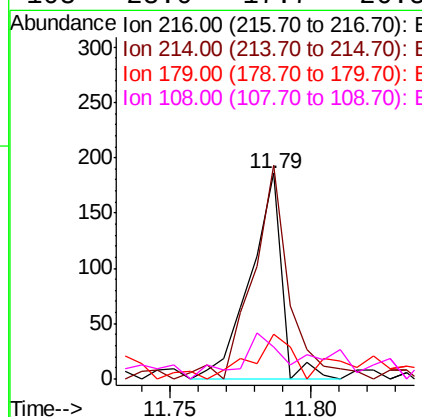
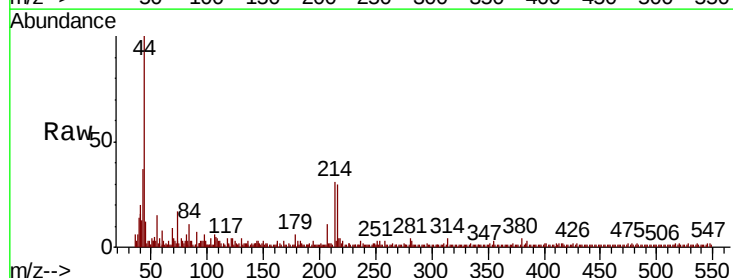
Instrument :
BNA_P
ClientSampled :

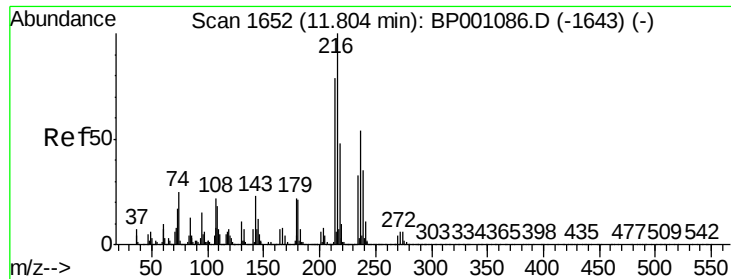
Tot Ion:164 Resp: 222422
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.7 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.020 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:216 Resp: 143
Ion Ratio Lower Upper
216 100
214 121.7 62.8 94.2#
179 26.6 17.6 26.4#
108 28.0 17.7 26.5#

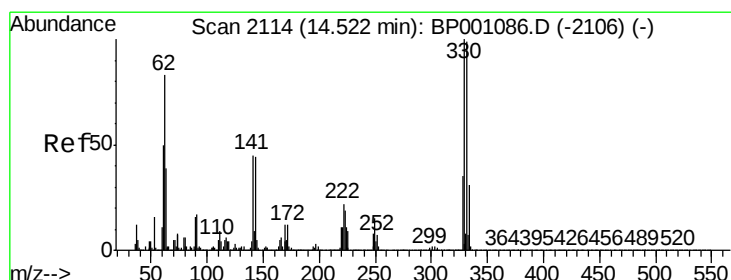
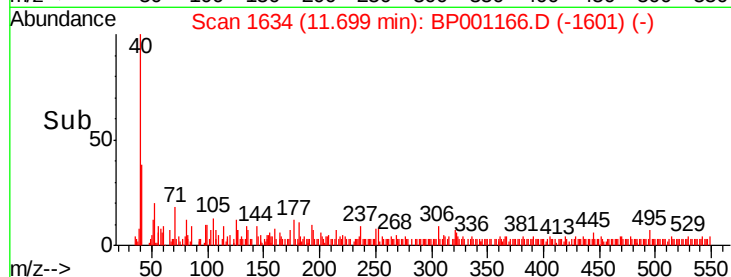
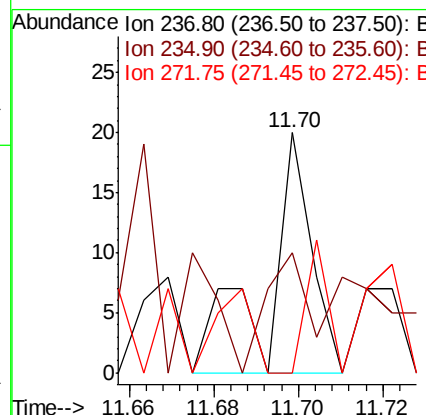
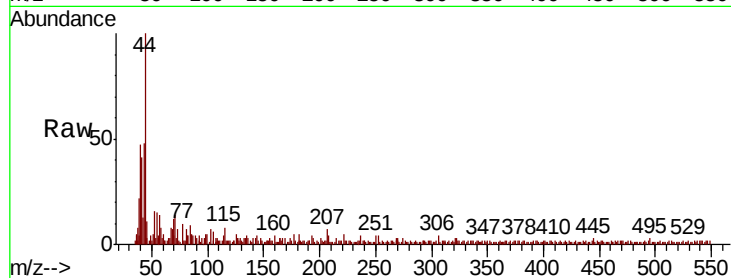




#41
Hexachlorocyclopentadiene
Concen: 0.005 ng
RT: 11.70 min Scan# 1634
Delta R.T. -0.11 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

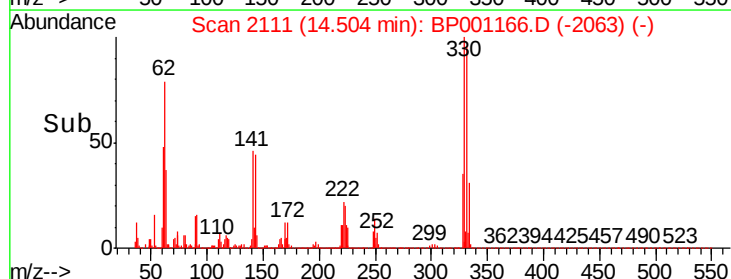
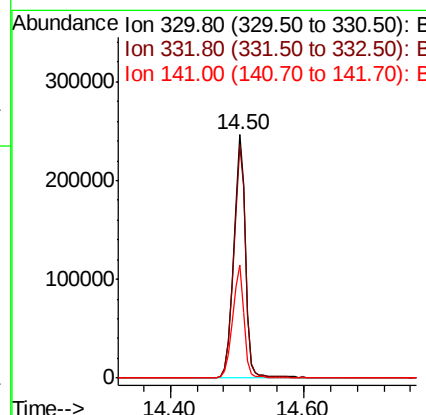
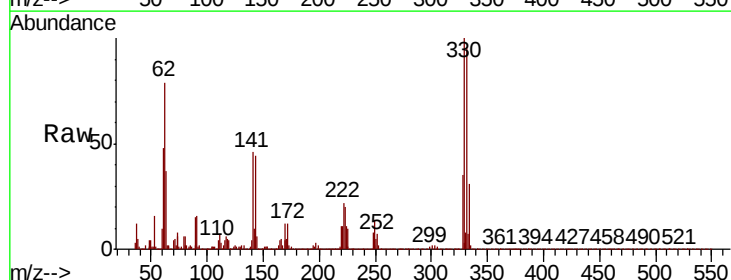
Instrument :
BNA_P
ClientSampleId :

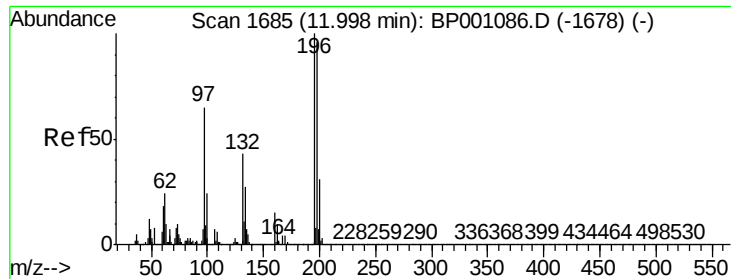
Tot Ion	Ratio	Lower	Upper
237	100		
235	50.0	41.8	81.8
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 144.793 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	44.5	34.2	51.2

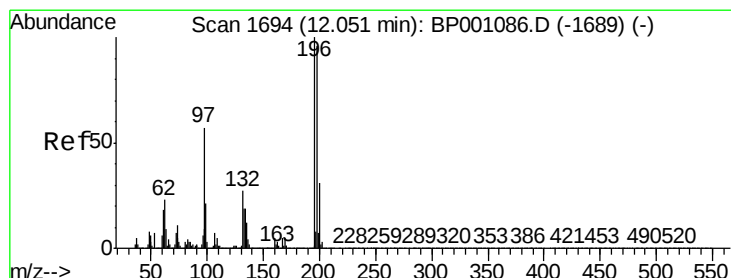
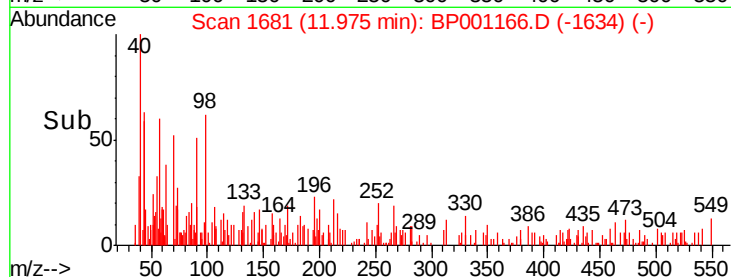
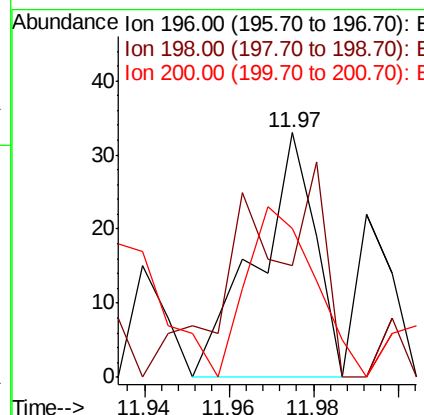
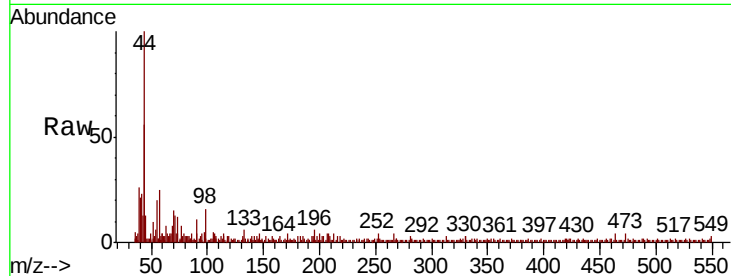




#43
2,4,6-Trichlorophenol
Concen: 0.007 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

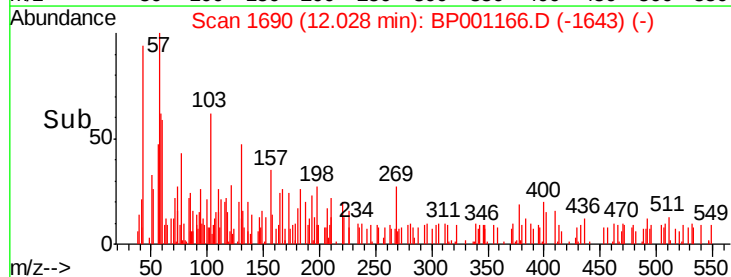
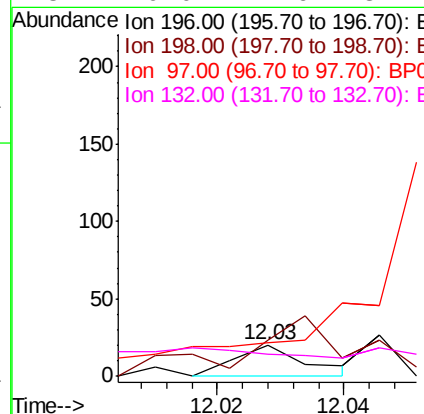
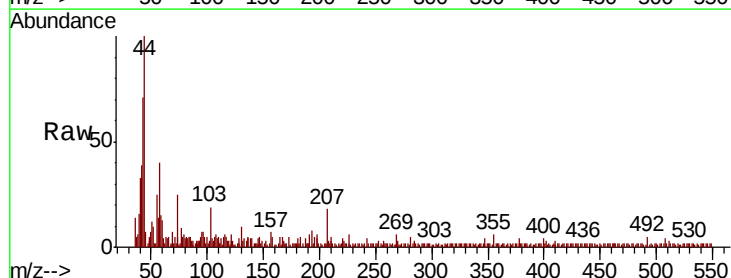
Instrument :
BNA_P
ClientSampleId :

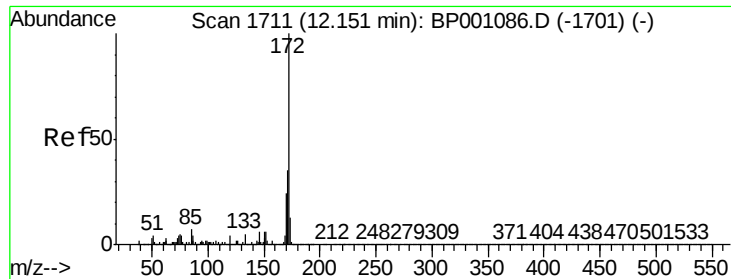
Tot Ion:196 Resp: 32
Ion Ratio Lower Upper
196 100
198 39.5 76.7 115.1#
200 52.6 24.7 37.1#



#44
2,4,5-Trichlorophenol
Concen: 0.003 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:196 Resp: 16
Ion Ratio Lower Upper
196 100
198 115.0 76.8 115.2
97 110.0 46.1 69.1#
132 70.0 21.6 32.4#

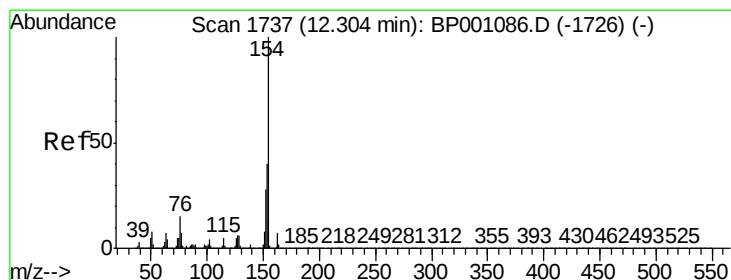
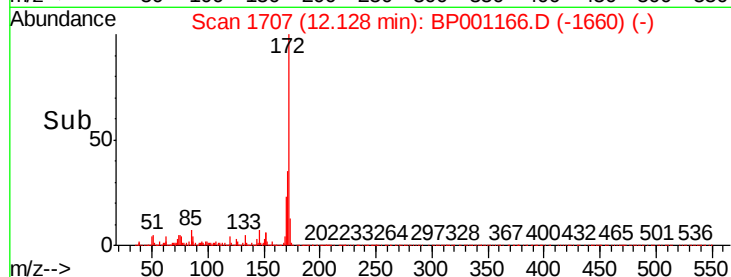
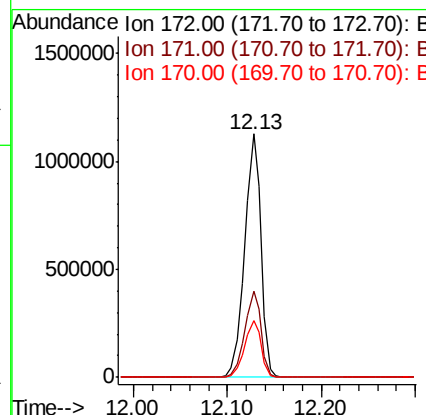
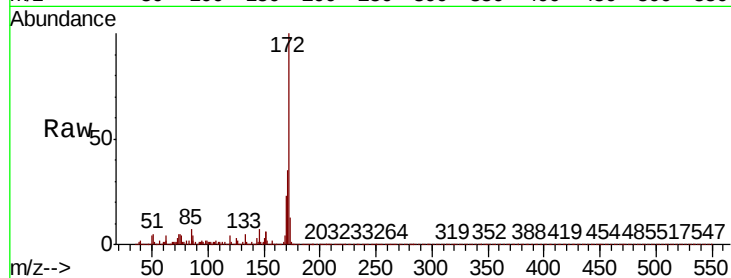




#45
2-Fluorobiphenyl
Concen: 89.148 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

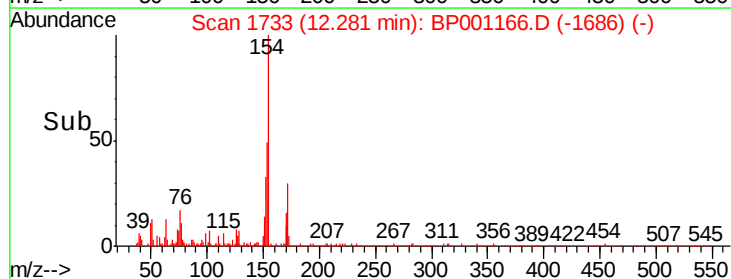
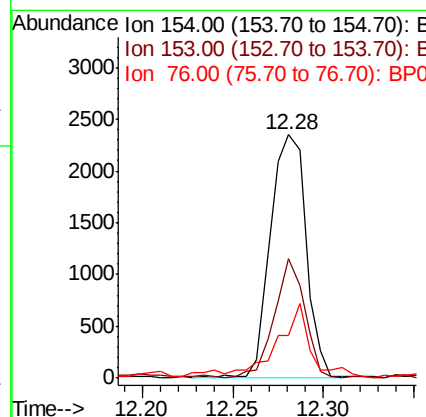
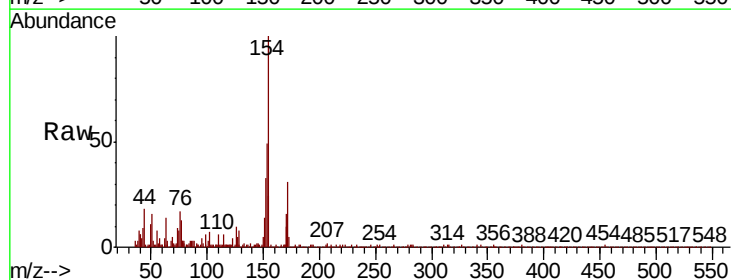
Instrument :
BNA_P
ClientSampleId :

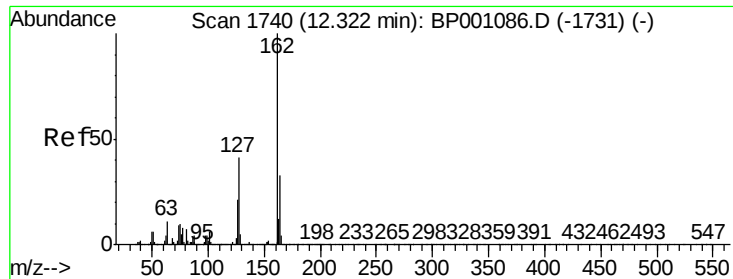
Tot Ion:172 Resp: 1354799
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.188 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:154 Resp: 3232
Ion Ratio Lower Upper
154 100
153 49.0 20.2 60.2
76 17.3 0.0 34.5

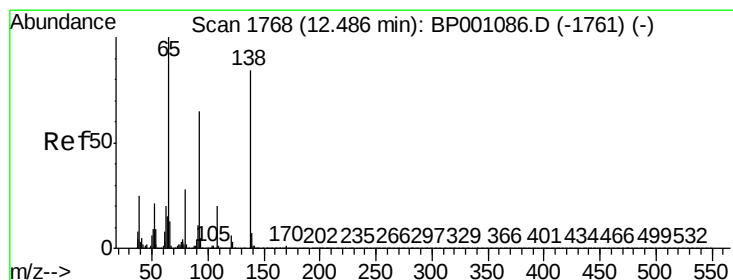
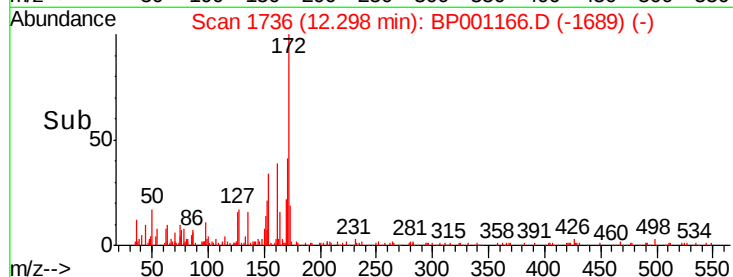
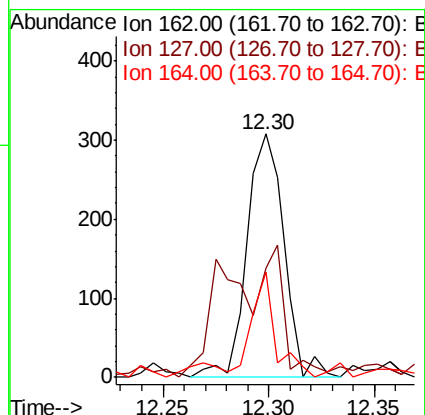
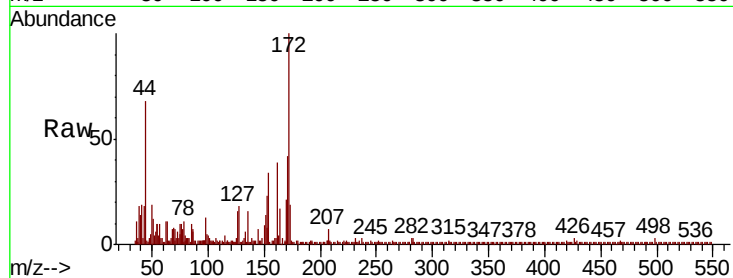




#47
2-Chloronaphthalene
Concen: 0.027 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

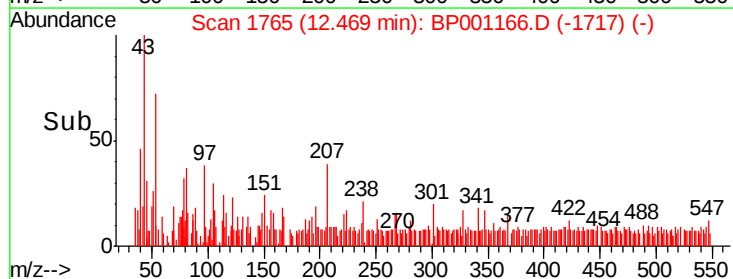
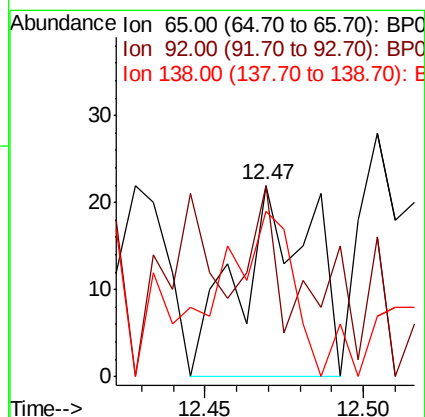
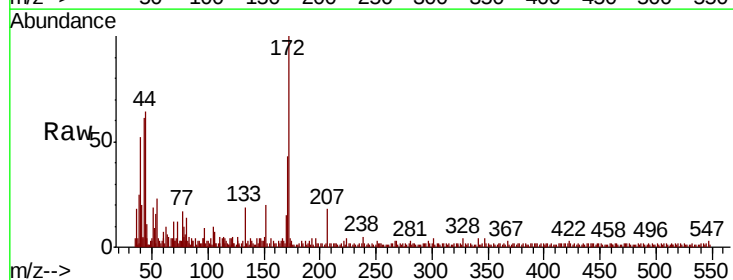
Instrument :
BNA_P
ClientSampleId :

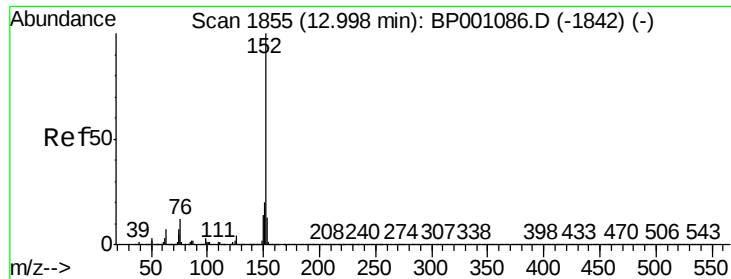
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.1	33.0	49.6
164	44.5	26.7	40.1



#48
2-Nitroaniline
Concen: 0.007 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	100.0	51.6	77.4
138	86.4	67.3	100.9





#49

Acenaphthylene

Concen: 0.019 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

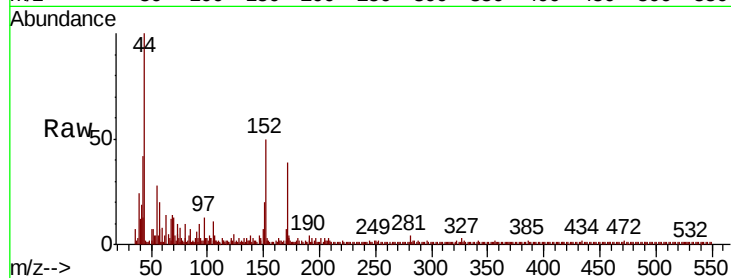
Tot Ion:152 Resp: 388

Ion Ratio Lower Upper

152 100

151 41.1 15.8 23.8#

153 8.5 10.2 15.4#



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

12.97

300

200

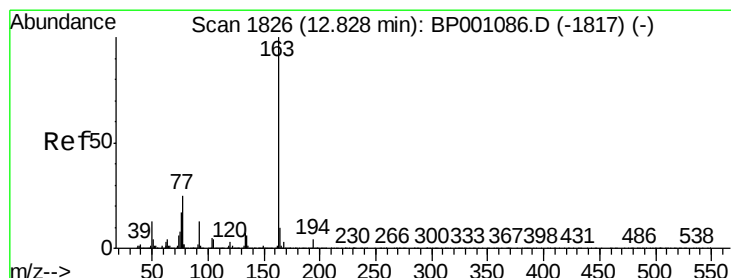
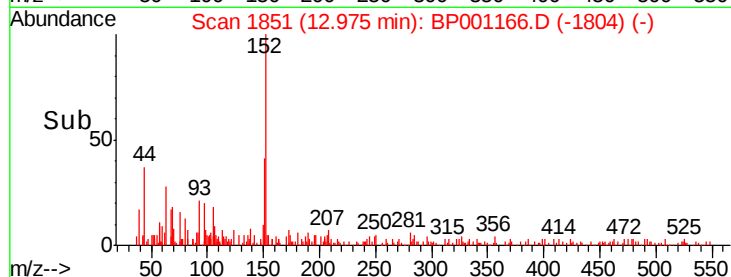
100

0

12.95

13.00

Time-->



#50

Dimethylphthalate

Concen: 1.009 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.03 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

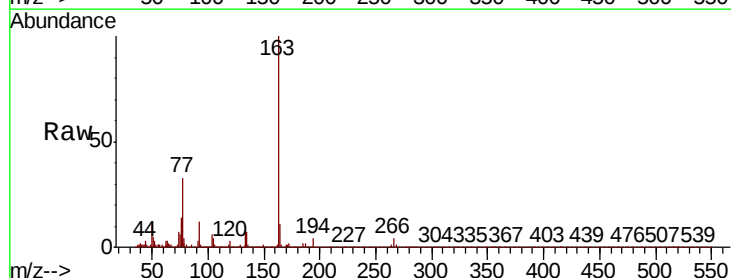
Tgt Ion:163 Resp: 16787

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.79

15000

10000

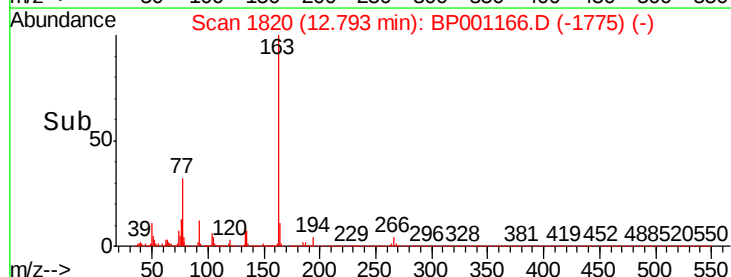
5000

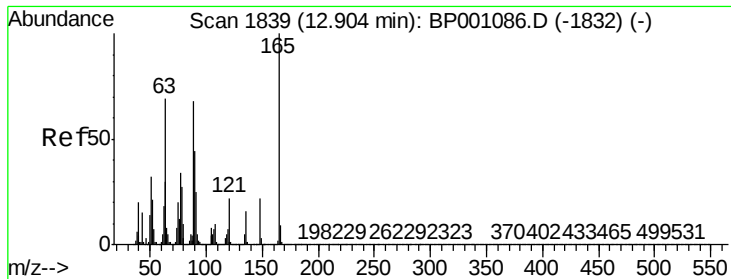
0

12.70

12.80

Time-->





#51

2,6-Dinitrotoluene

Concen: 0.004 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.19 min

Lab File: BP001166.D

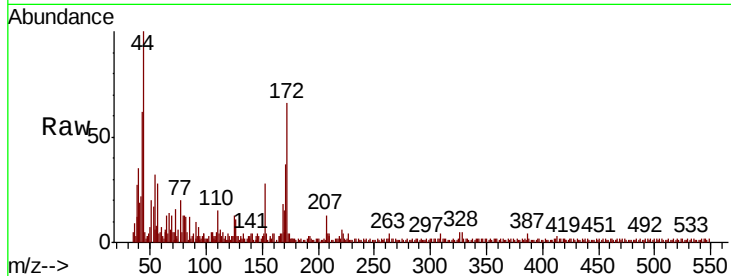
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampled :

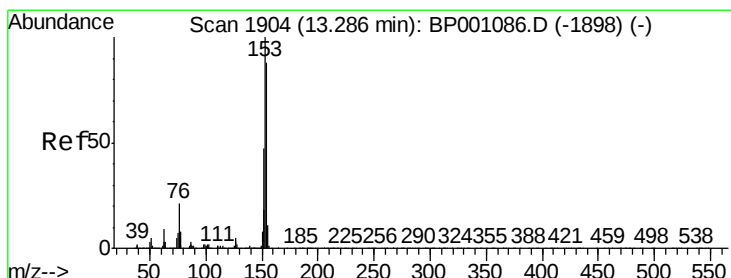
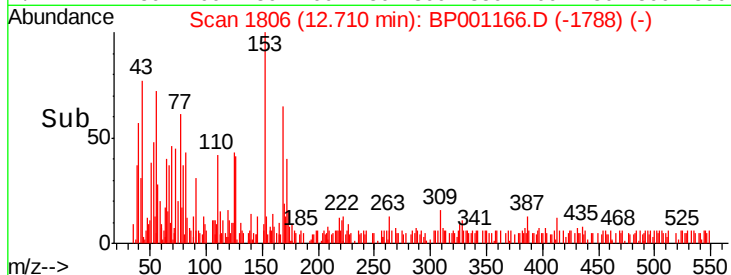
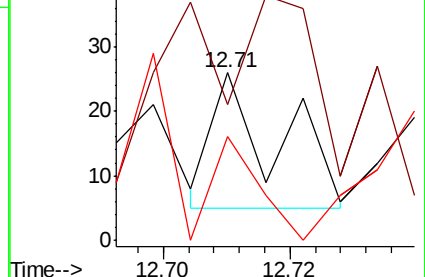
Tot Ion:	165	Resp:	15
Ion	Ratio	Lower	Upper
165	100		
63	80.8	55.6	83.4
89	61.5	54.1	81.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 0.026 ng

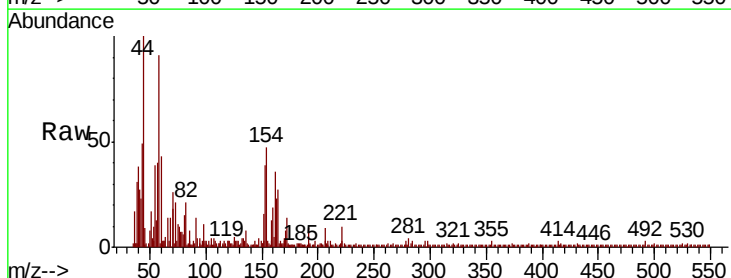
RT: 13.26 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

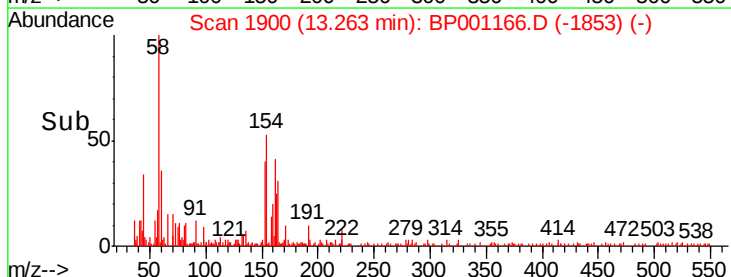
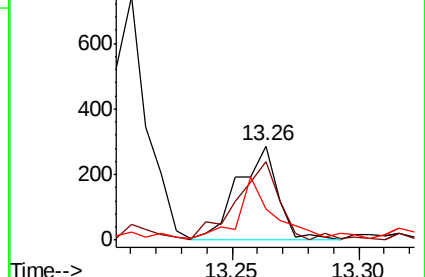
Tgt Ion:	154	Resp:	318
Ion	Ratio	Lower	Upper
154	100		
153	82.6	90.5	135.7#
152	33.7	42.6	64.0#

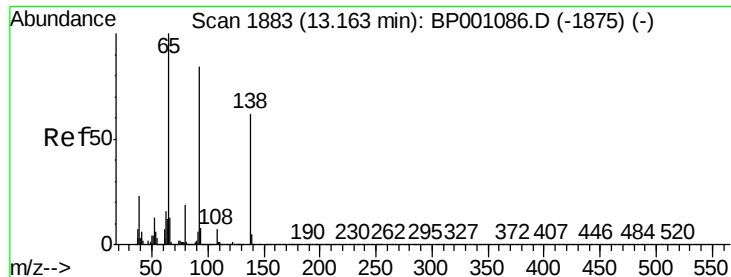


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.002 ng

RT: 13.15 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

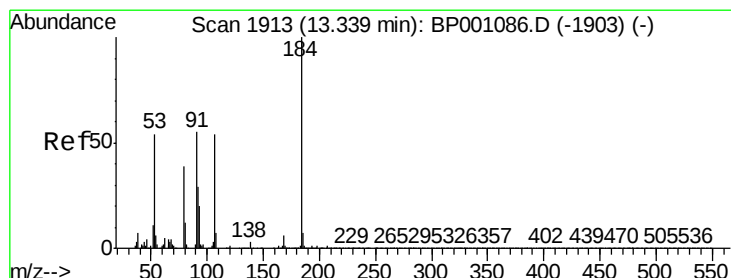
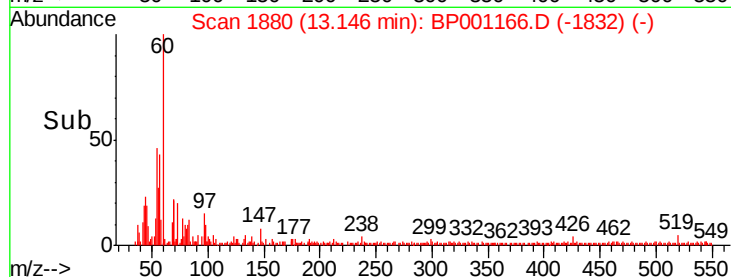
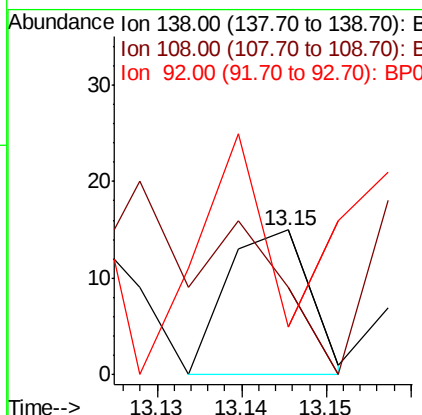
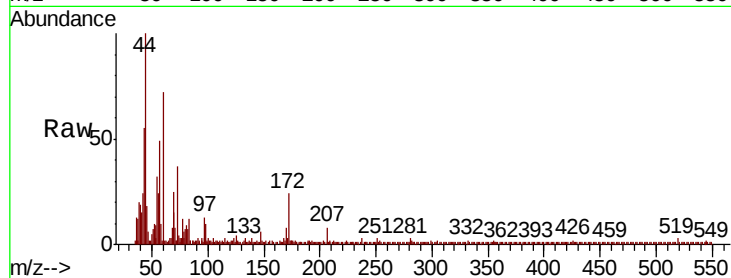
Instrument :

BNA_P

ClientSampled :

Tot Ion:138 Resp: 10

Ion	Ratio	Lower	Upper
138	100		
108	133.3	9.2	13.8#
92	146.7	107.8	161.6



#54

2,4-Dinitrophenol

Concen: 7.115 ng

RT: 13.32 min Scan# 1909

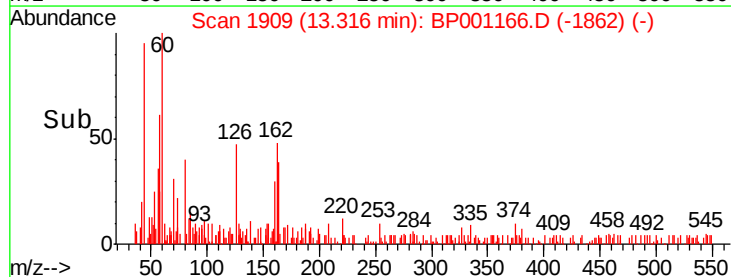
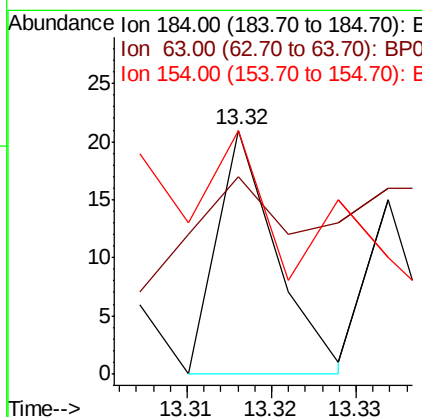
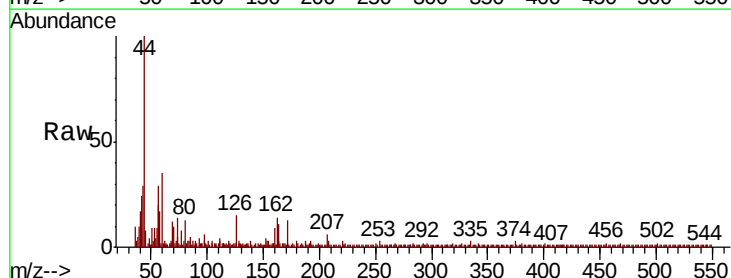
Delta R.T. -0.02 min

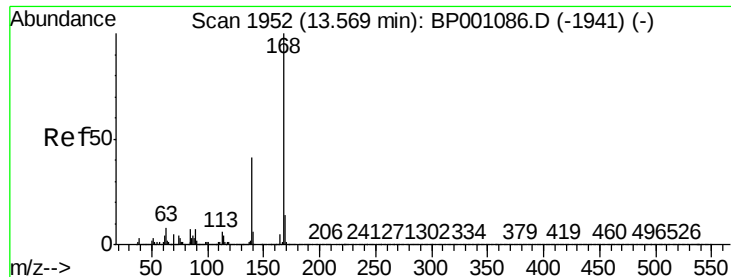
Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	128.6	60.7	91.1#
154	100.0	56.2	84.2#





#55

Dibenzenofuran

Concen: 0.032 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

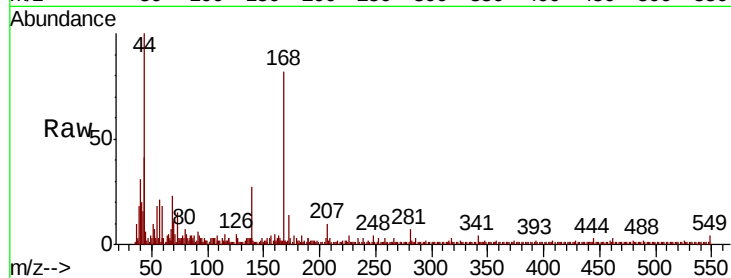
Tot Ion:168 Resp: 590

Ion Ratio Lower Upper

168 100

139 33.0 32.8 49.2

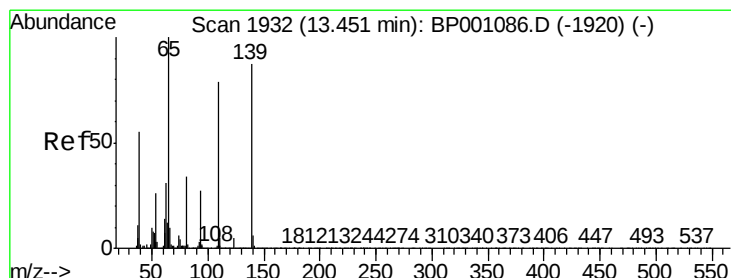
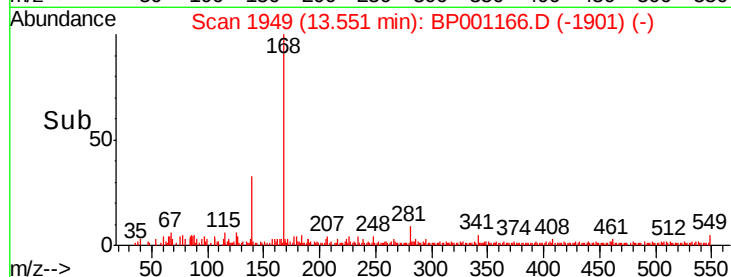
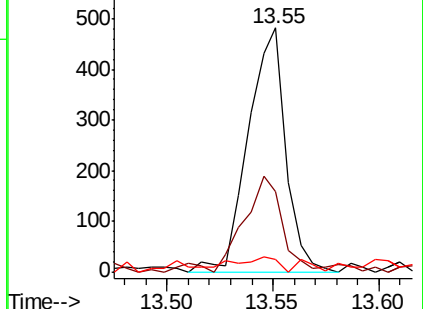
169 5.8 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.007 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.09 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

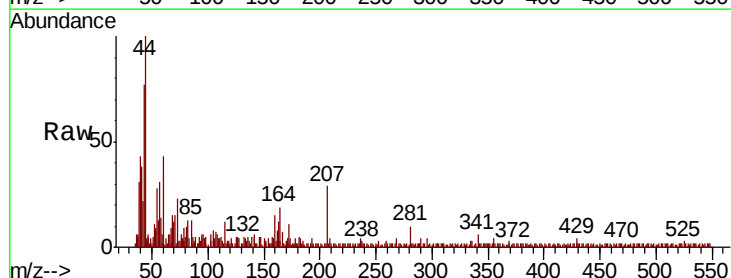
Tgt Ion:139 Resp: 20

Ion Ratio Lower Upper

139 100

109 110.0 70.9 110.9

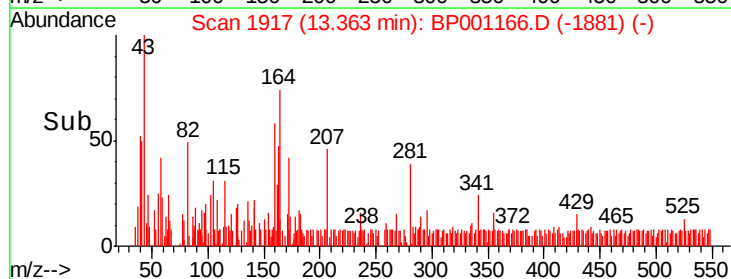
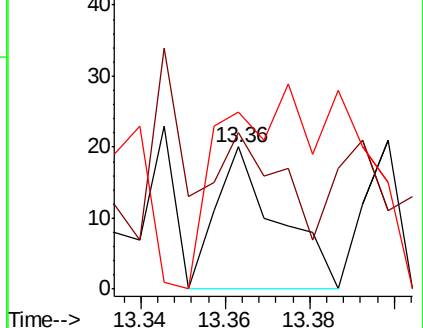
65 125.0 95.2 135.2

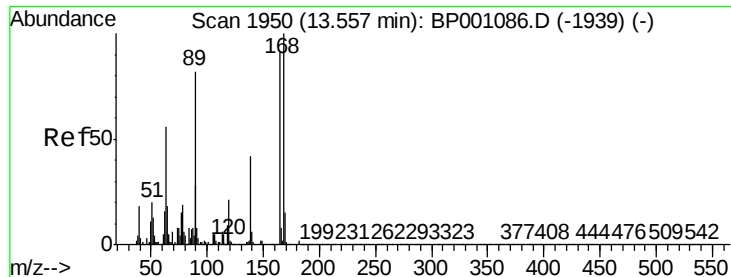


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

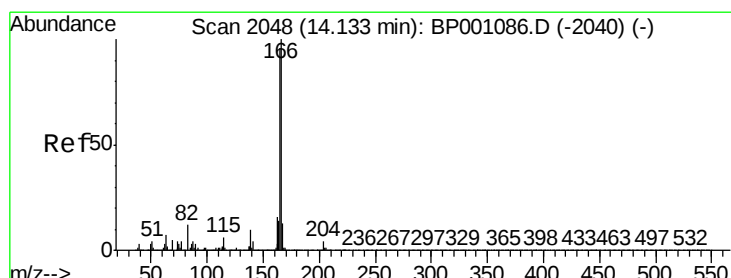
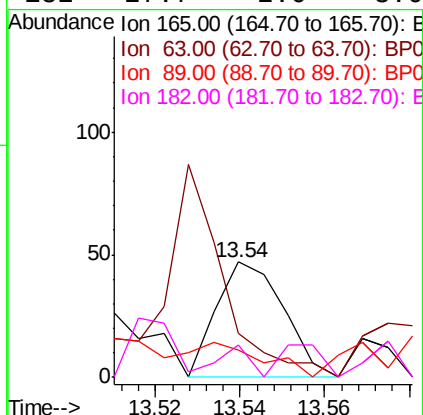
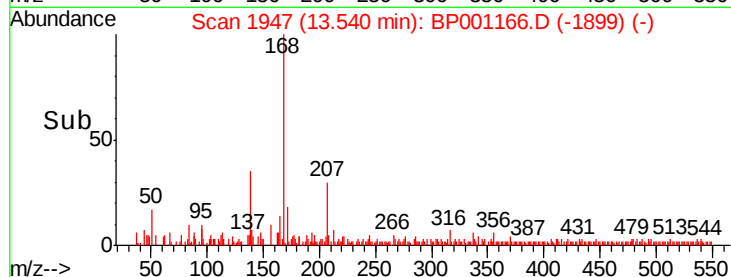
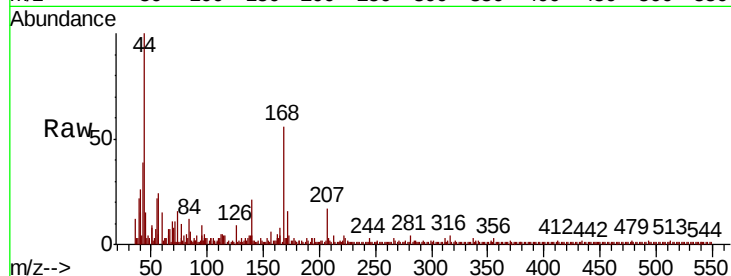




#57
2,4-Dinitrotoluene
Concen: 0.012 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

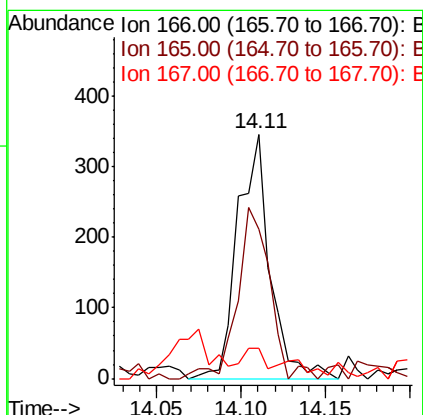
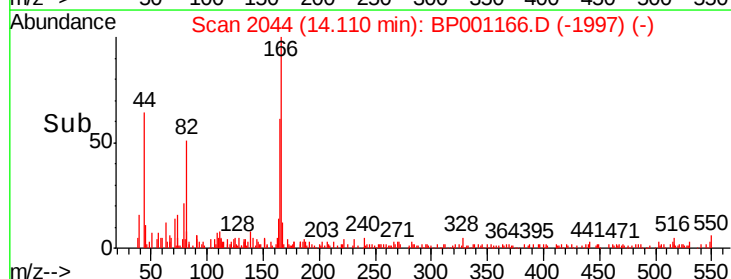
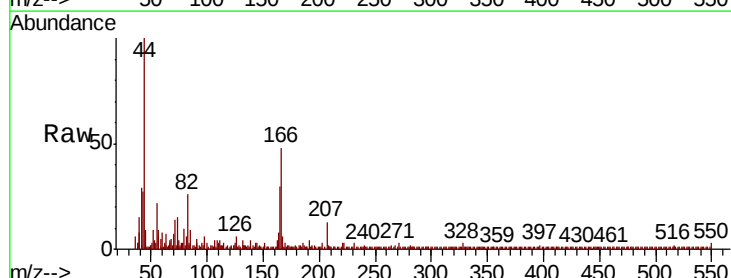
Instrument :
BNA_P
ClientSampleId :

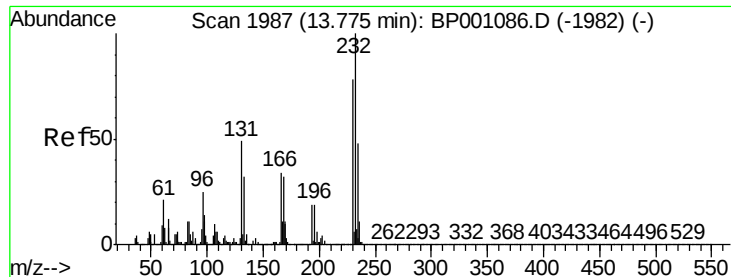
Tot Ion:165 Resp: 52
Ion Ratio Lower Upper
165 100
63 38.3 49.4 74.2#
89 23.4 72.1 108.1#
182 27.7 2.0 3.0#



#58
Fluorene
Concen: 0.031 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:166 Resp: 460
Ion Ratio Lower Upper
166 100
165 61.0 76.7 115.1#
167 12.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 0.003 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.03 min

Lab File: BP001166.D

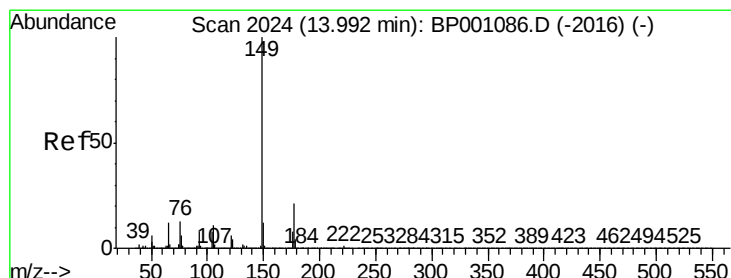
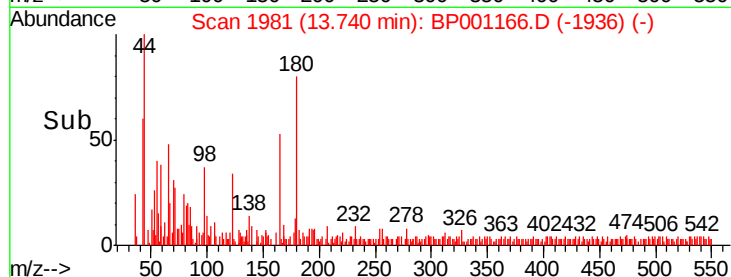
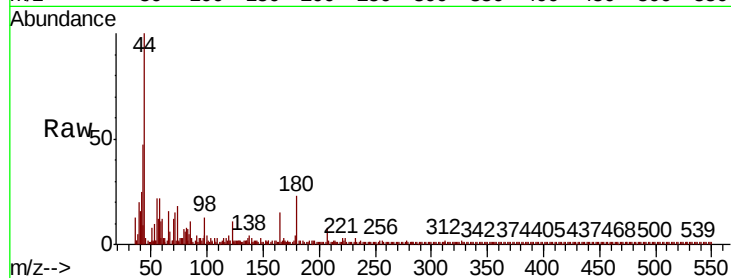
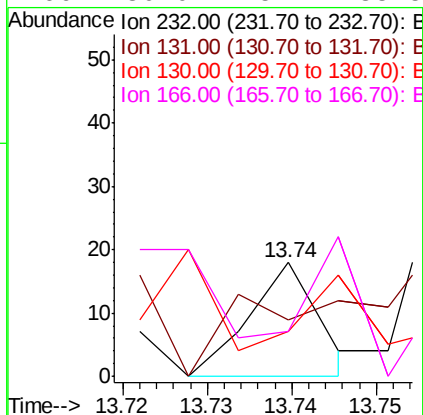
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampled :

Tot Ion:	232	Resp:	10
Ion	Ratio	Lower	Upper
232	100		
131	0.0	39.6	59.4#
130	40.0	1.9	2.9#
166	80.0	25.7	38.5#



#60

Diethylphthalate

Concen: 0.054 ng

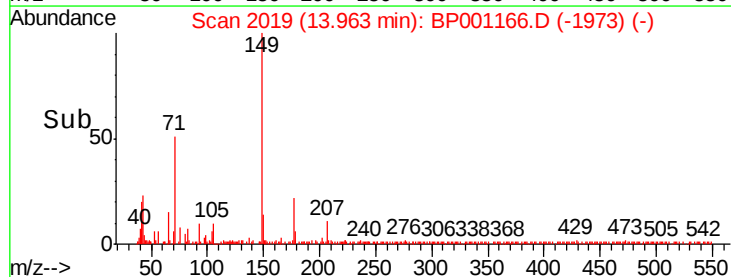
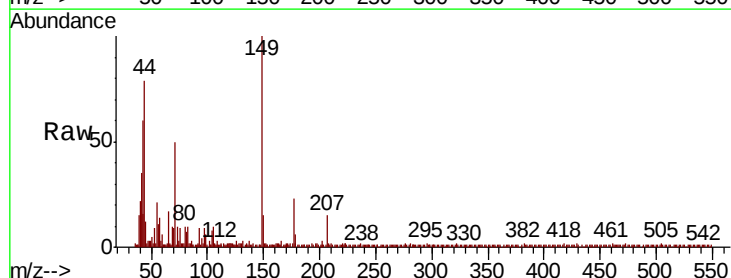
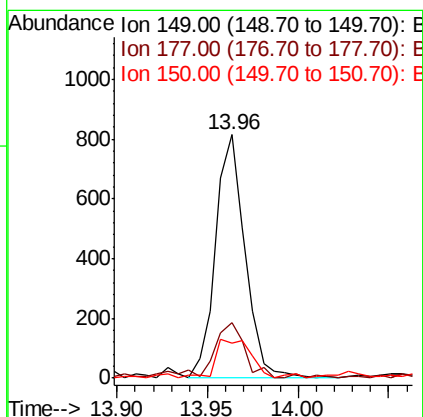
RT: 13.96 min Scan# 2019

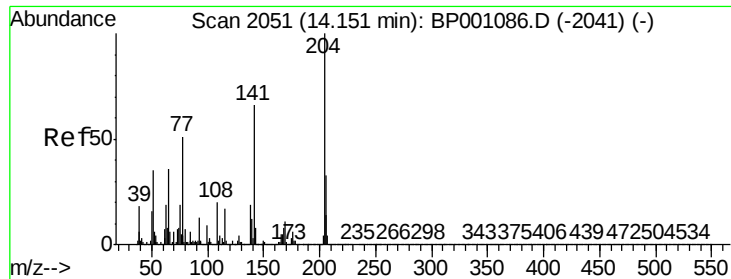
Delta R.T. -0.03 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:	149	Resp:	922
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.0	25.6
150	14.6	9.9	14.9

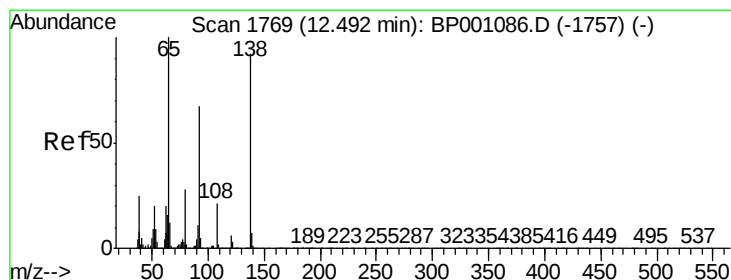
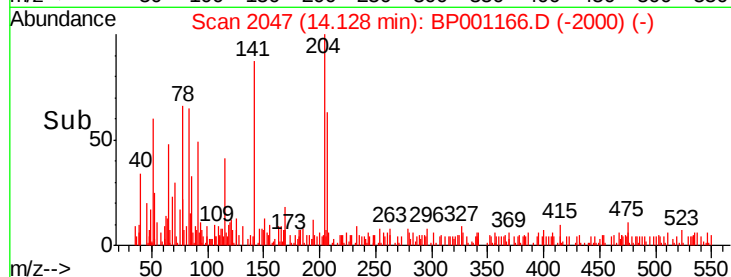
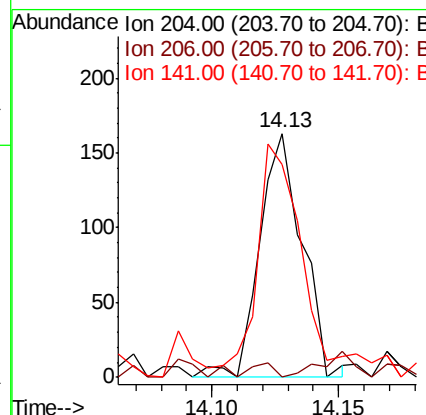
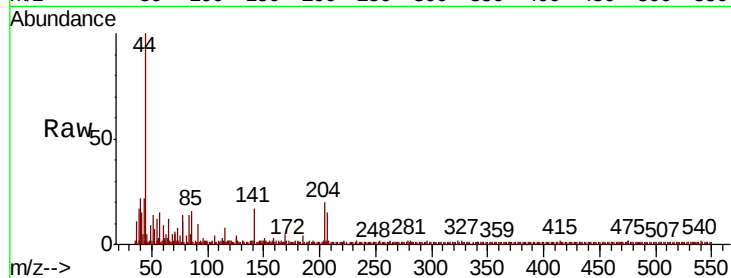




#61
4-Chlorophenyl-phenylether
Concen: 0.025 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

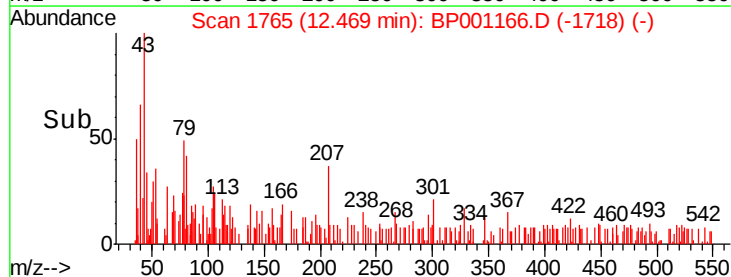
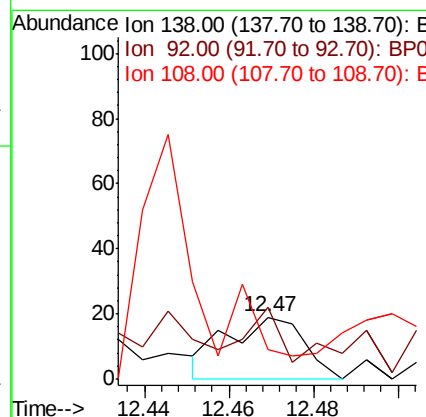
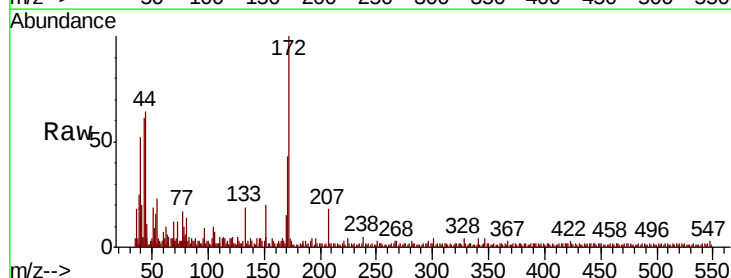
Instrument :
BNA_P
ClientSampled :

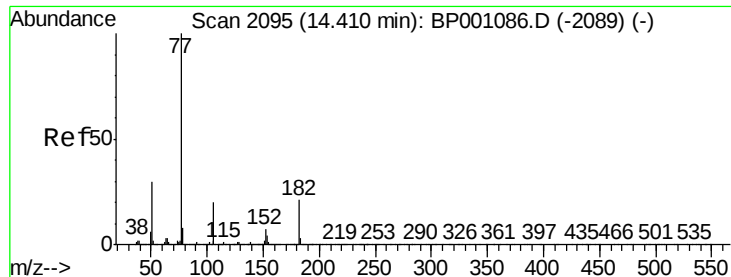
Tot Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.1	39.1#
141	87.1	52.7	79.1#



#62
4-Nitroaniline
Concen: 0.005 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	115.8	53.3	93.3#
108	47.4	3.1	43.1#





#63

Azobenzene

Concen: 0.034 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.03 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 632

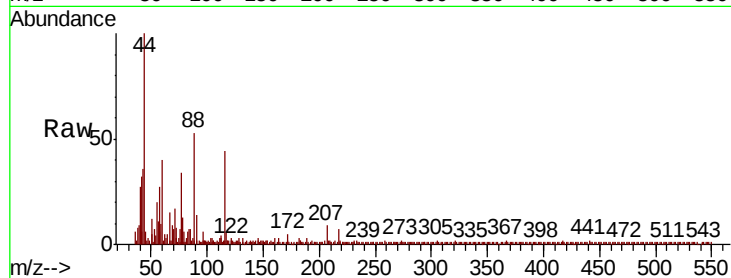
Ion Ratio Lower Upper

77 100

182 8.1 0.8 40.8

105 14.4 0.3 40.3

51 36.1 9.6 49.6

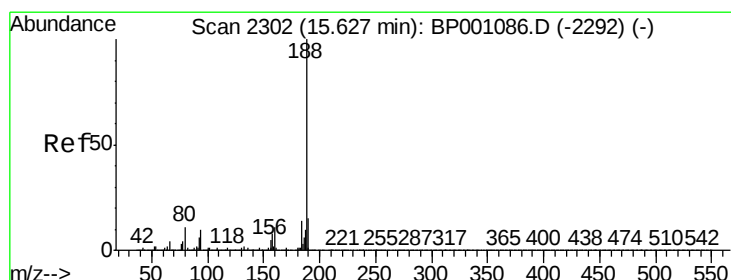
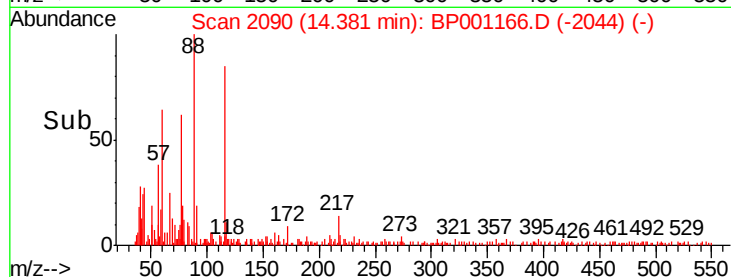
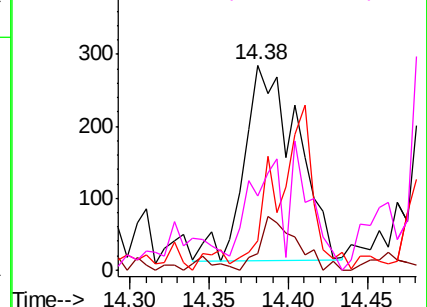


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

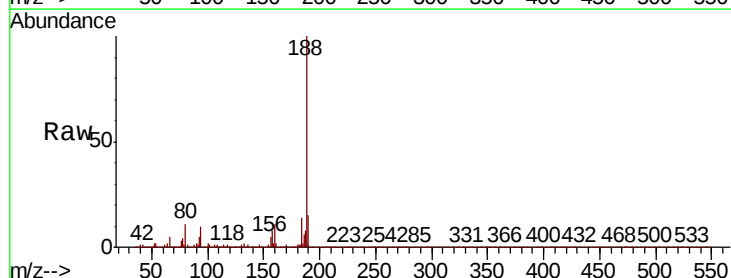
Tgt Ion: 188 Resp: 433251

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

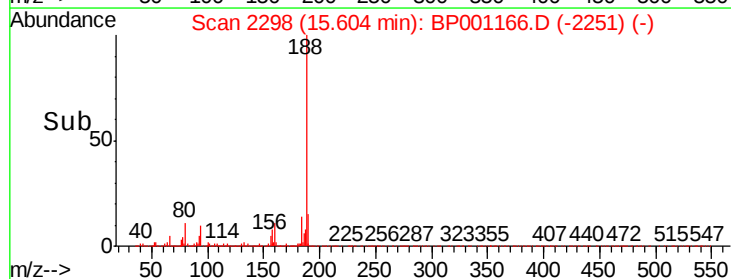
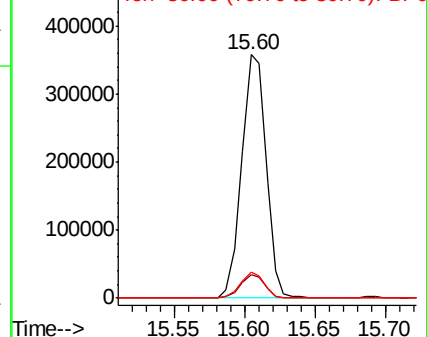
80 10.9 8.8 13.2

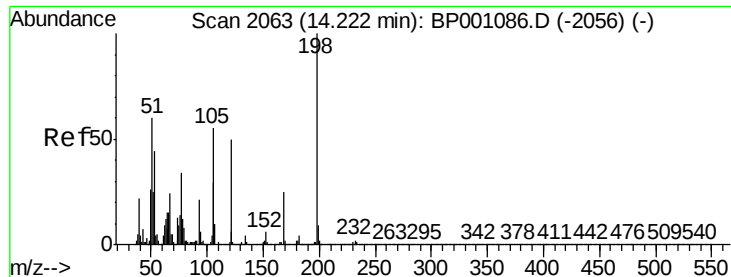


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

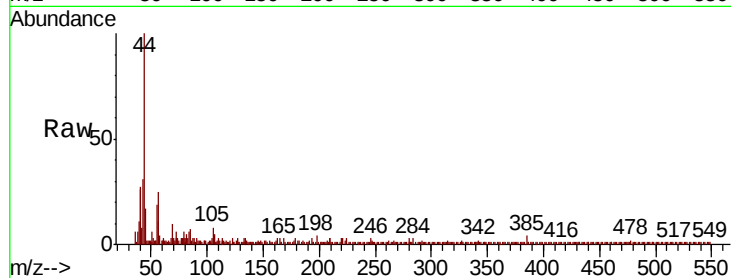




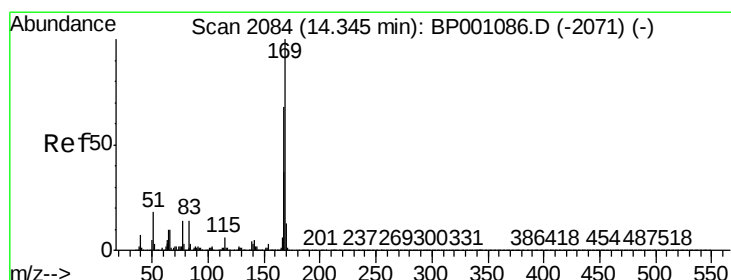
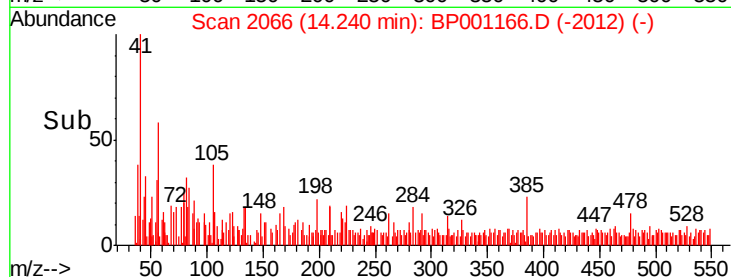
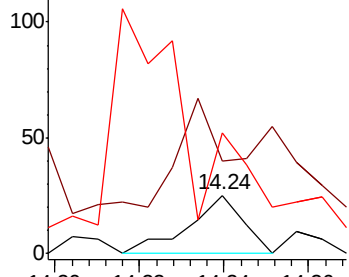
#65
4,6-Dinitro-2-methylphenol
Concen: 6.287 ng
RT: 14.24 min Scan# 2066
Delta R.T. 0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 160.0 40.5 80.5#
105 208.0 35.7 75.7#

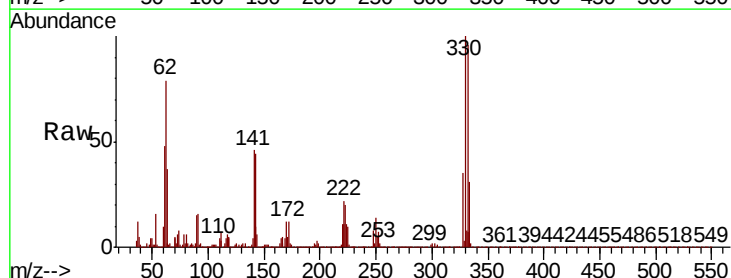


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

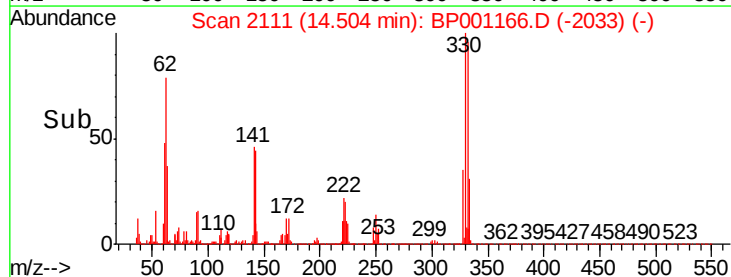
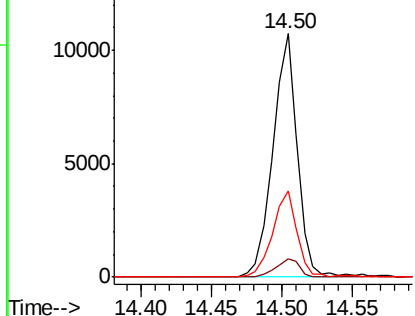


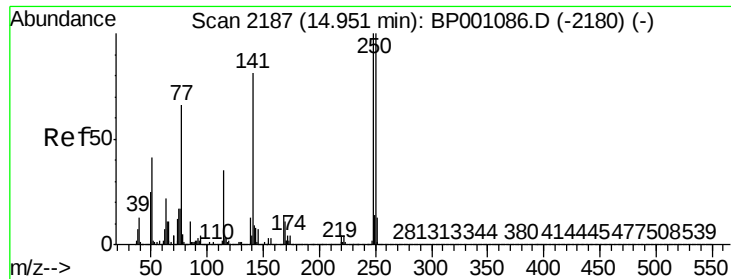
#66
n-Nitrosodiphenylamine
Concen: 0.983 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.16 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:169 Resp: 12945
Ion Ratio Lower Upper
169 100
168 7.3 54.1 81.1#
167 42.9 29.5 44.3



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

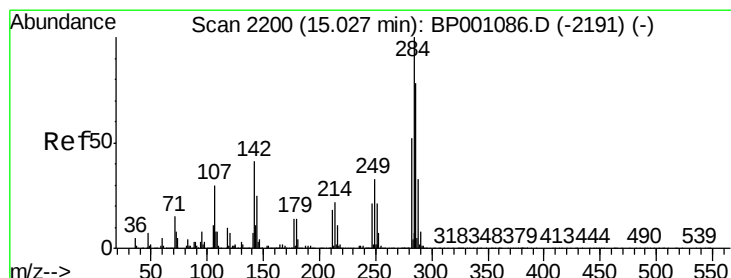
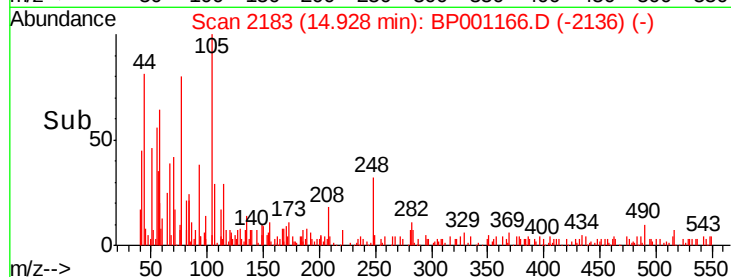
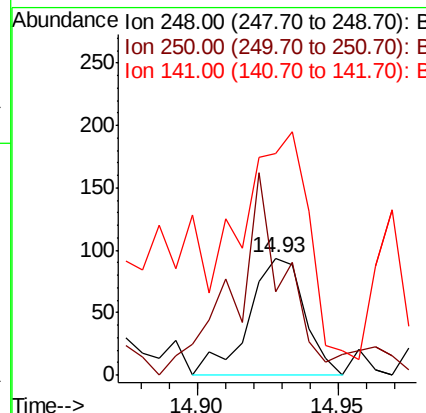
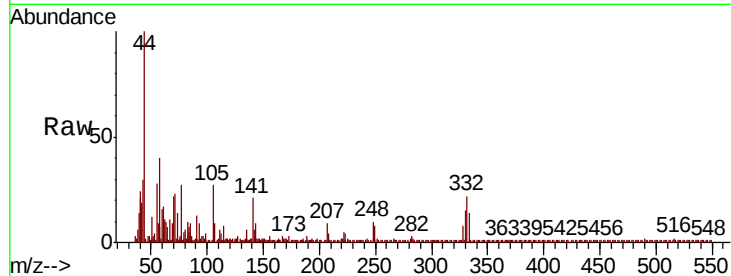




#67
4-Bromophenyl-phenylether
Concen: 0.027 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

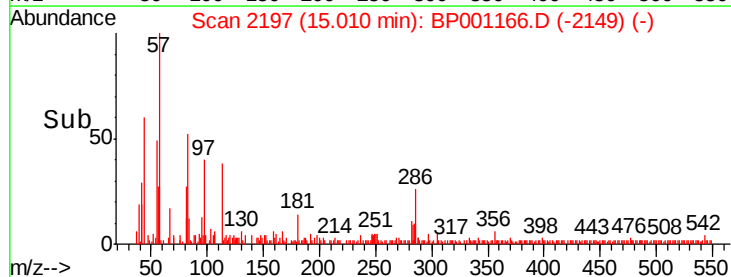
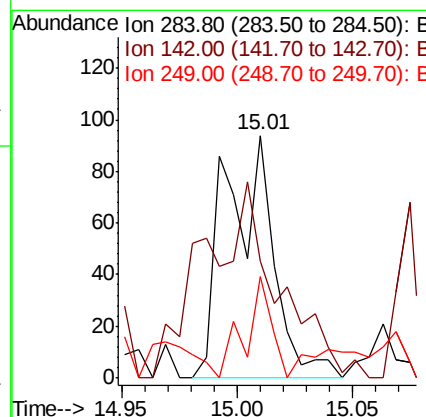
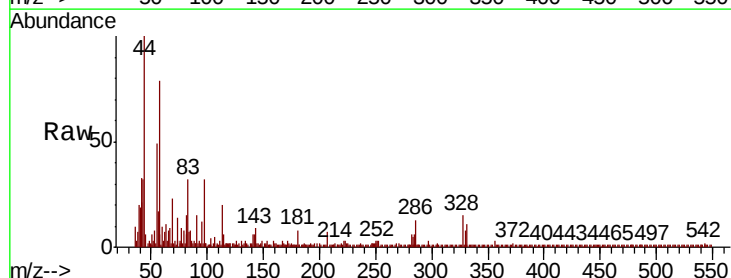
Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 129
Ion Ratio Lower Upper
248 100
250 71.3 80.3 120.5#
141 189.4 64.9 97.3#



#68
Hexachlorobenzene
Concen: 0.026 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:284 Resp: 136
Ion Ratio Lower Upper
284 100
142 47.9 33.2 49.8
249 41.5 26.2 39.4#





#69

Atrazine

Concen: 0.002 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.03 min

Lab File: BP001166.D

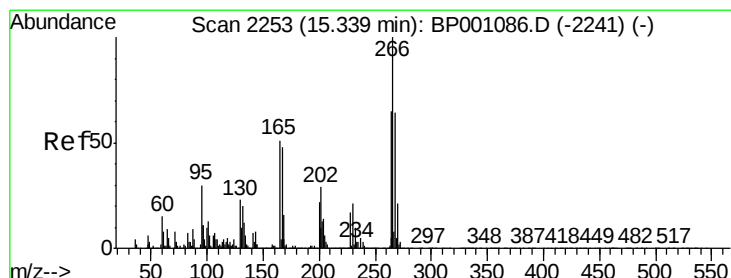
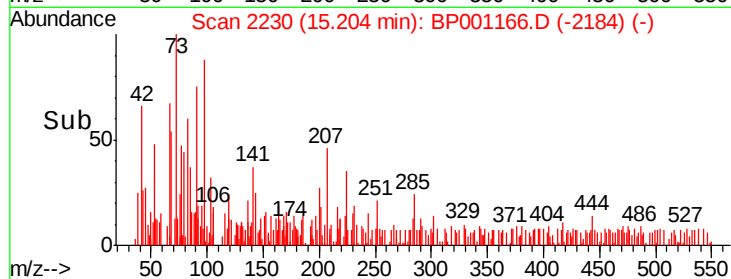
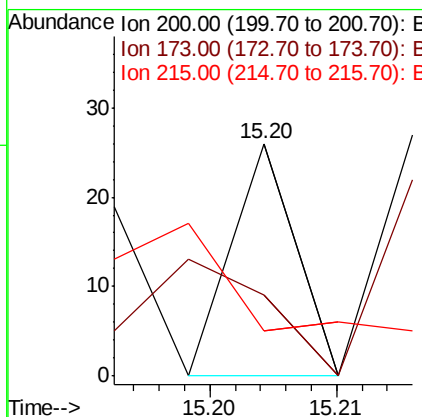
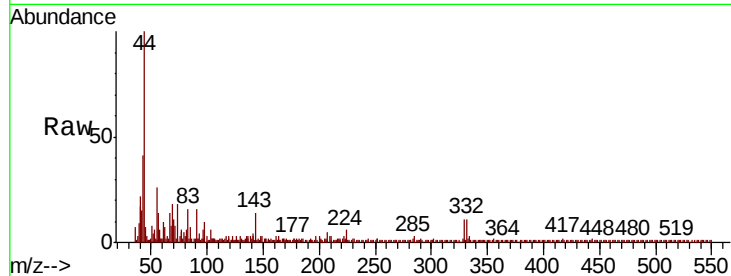
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	200	Resp:	9
Ion	Ratio	Lower	Upper
200	100		
173	34.6	6.7	46.7
215	19.2	27.9	67.9#



#70

Pentachlorophenol

Concen: 0.022 ng

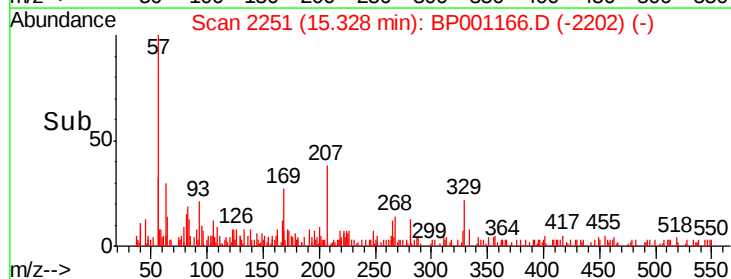
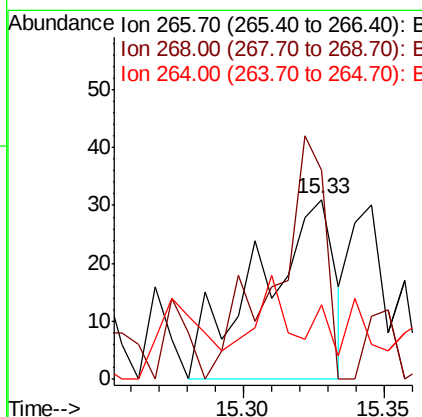
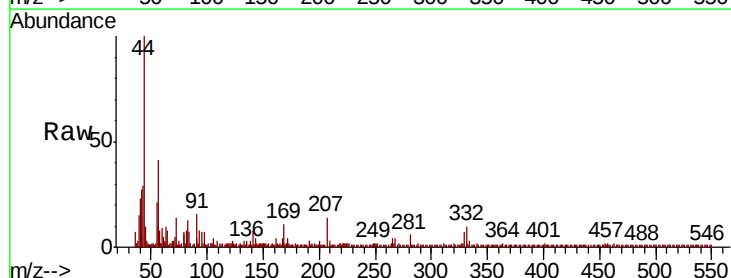
RT: 15.33 min Scan# 2251

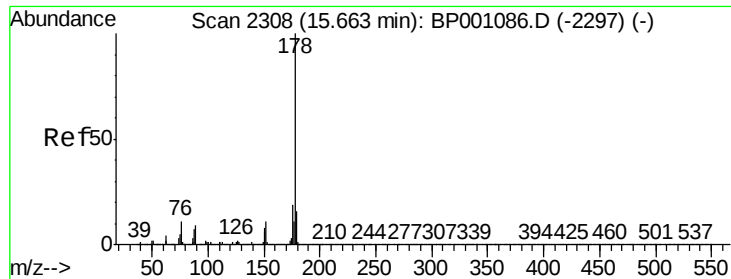
Delta R.T. -0.01 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:	266	Resp:	58
Ion	Ratio	Lower	Upper
266	100		
268	116.1	51.6	77.4#
264	41.9	52.2	78.4#

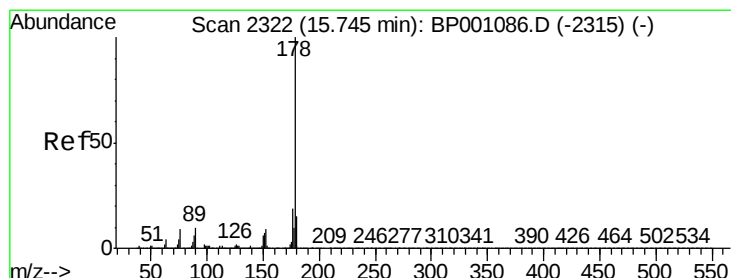
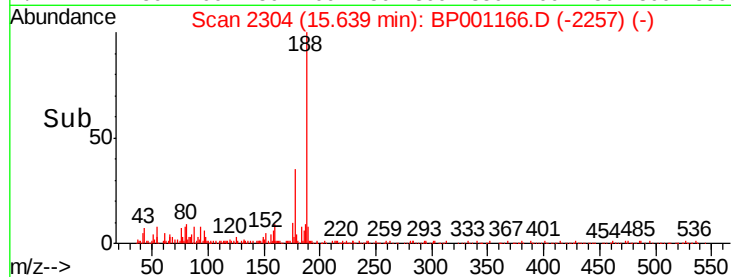
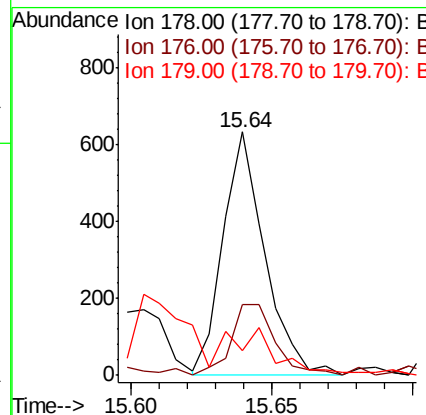
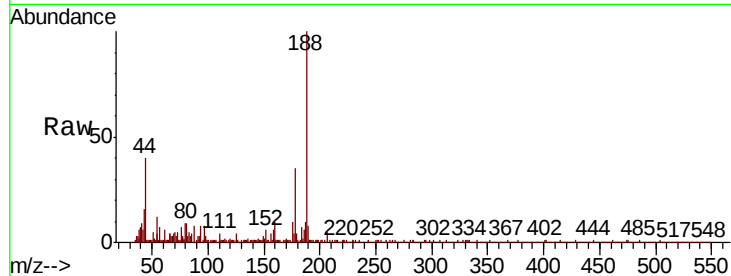




#71
Phenanthrene
Concen: 0.029 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

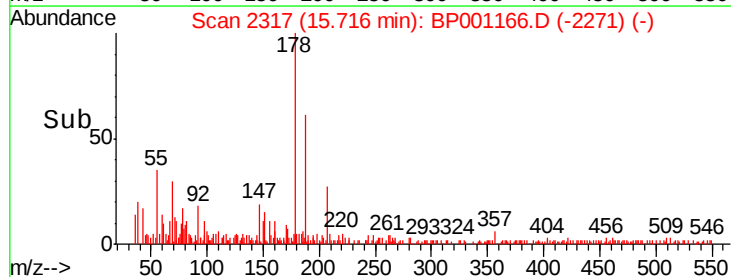
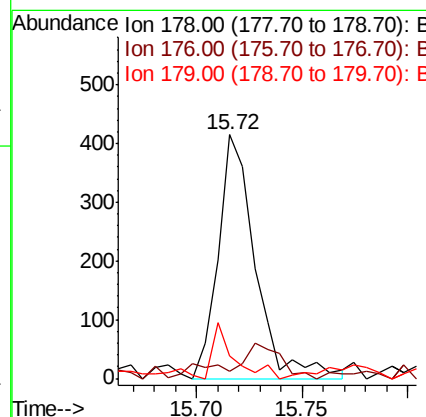
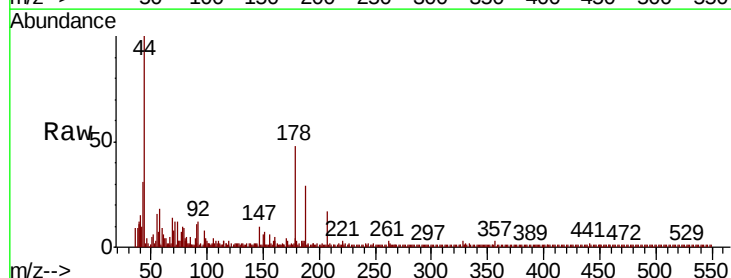
Instrument :
BNA_P
ClientSampleId :

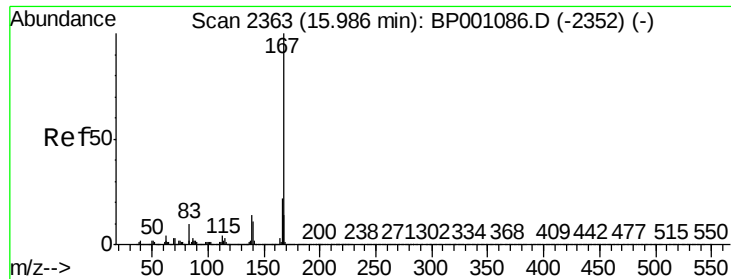
Tot Ion:178 Resp: 651
Ion Ratio Lower Upper
178 100
176 29.2 15.4 23.2#
179 10.4 12.5 18.7#



#72
Anthracene
Concen: 0.023 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:178 Resp: 507
Ion Ratio Lower Upper
178 100
176 2.7 14.9 22.3#
179 9.4 12.2 18.4#

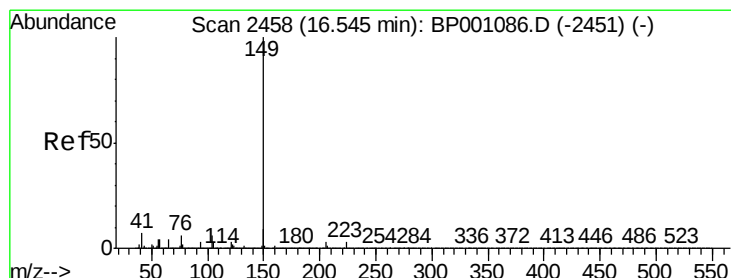
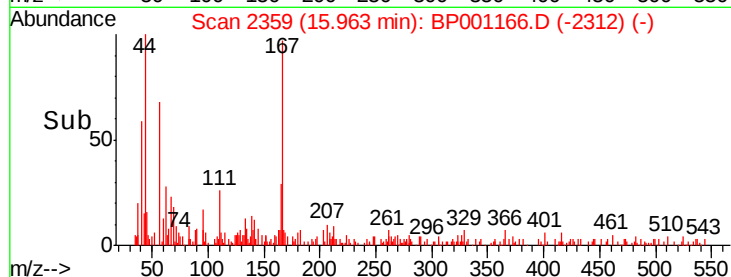
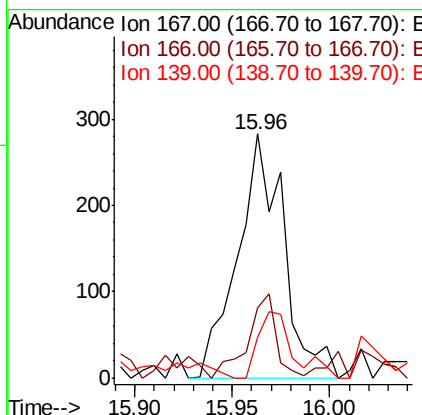
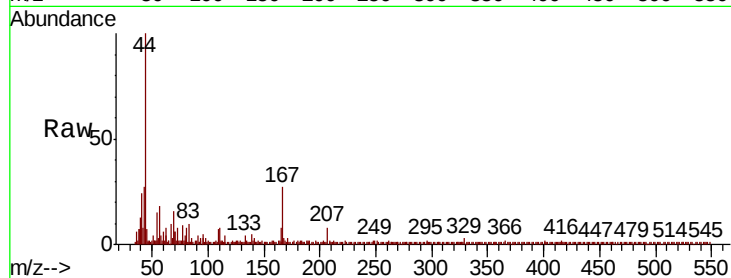




#73
 Carbazole
 Concen: 0.023 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.02 min
 Lab File: BP001166.D
 Acq: 03 Dec 2019 20:39

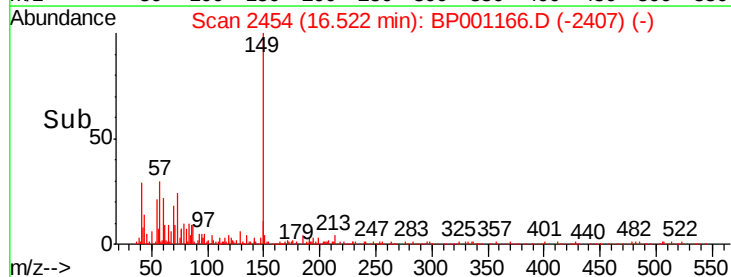
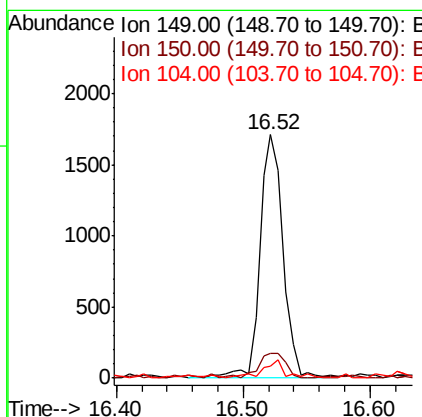
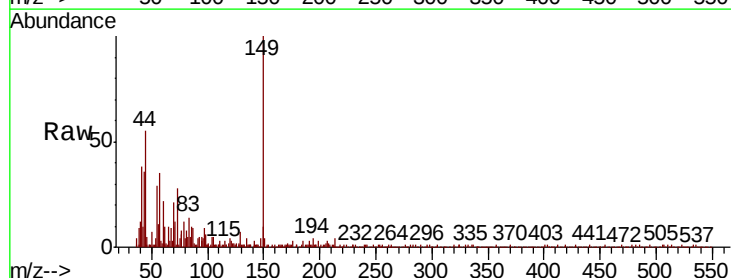
Instrument :
 BNA_P
 ClientSampleId :

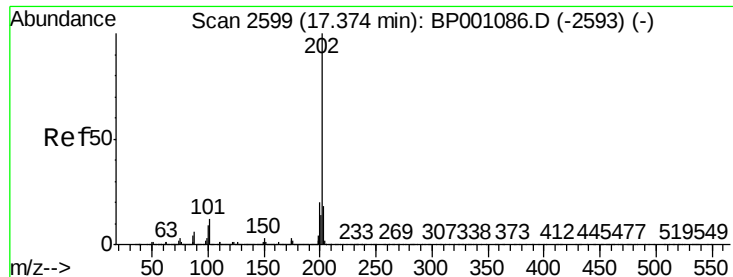
Tot Ion	Ratio	Lower	Upper
167	100		
166	28.6	17.2	25.8
139	16.6	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 0.080 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BP001166.D
 Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.4	11.2
104	4.7	4.6	6.8





#75

Fluoranthene

Concen: 0.026 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.02 min

Lab File: BP001166.D

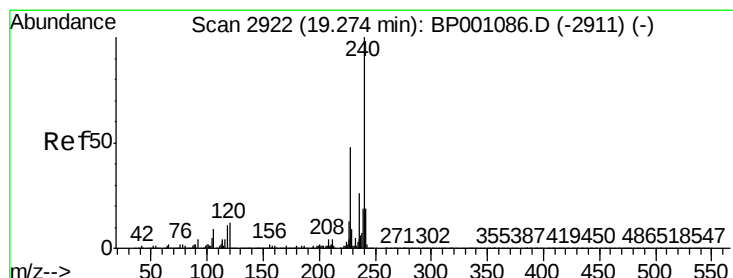
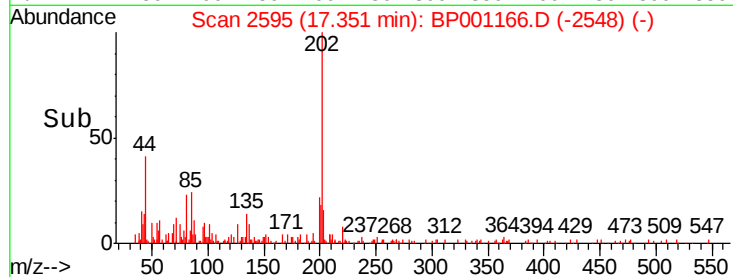
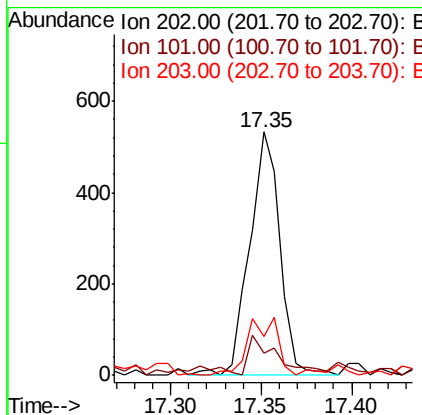
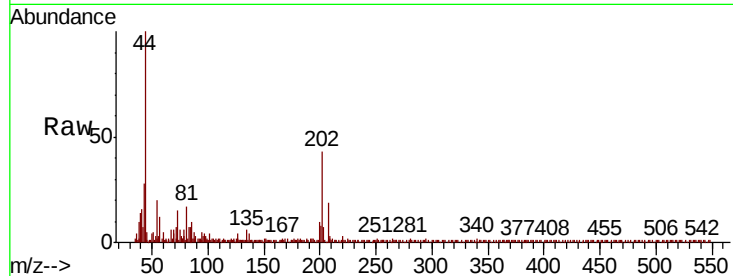
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	618
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	32.1
203	15.9	0.0	37.8



#76

Chrysene-d12

Concen: 20.000 ng

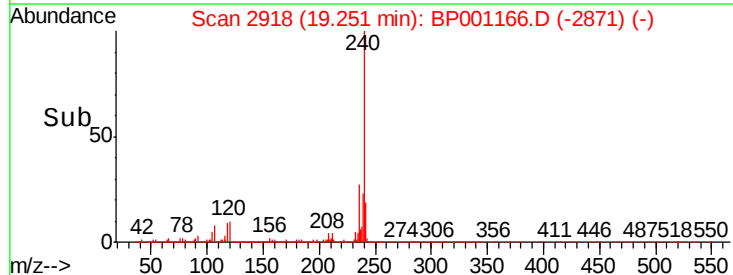
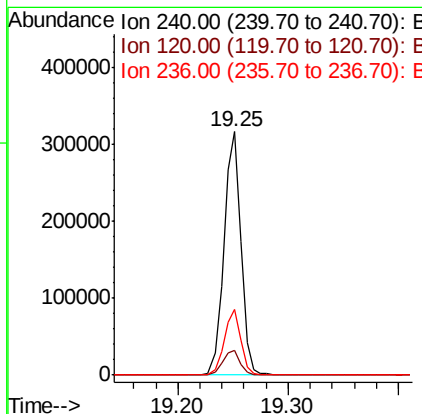
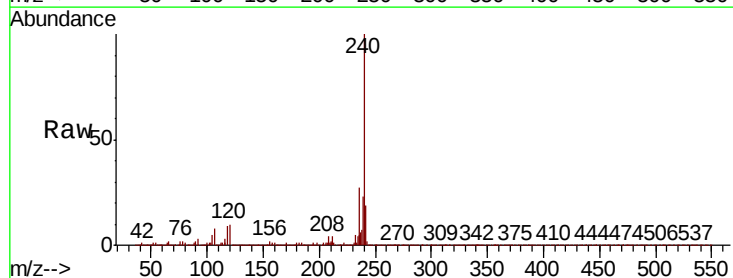
RT: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:	240	Resp:	339264
Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.8	20.4	30.6





#77

Benzidine

Concen: 0.010 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.22 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampled :

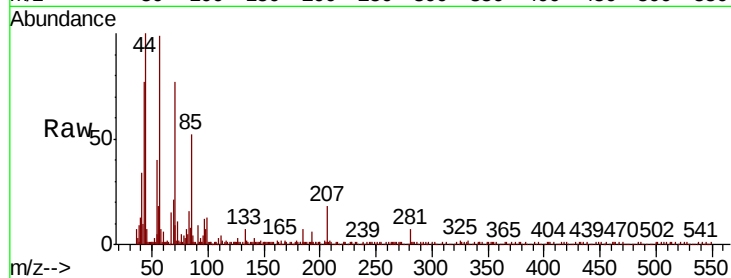
Tot Ion:184 Resp: 84

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

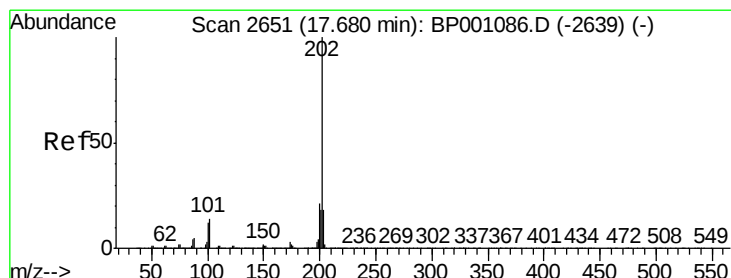
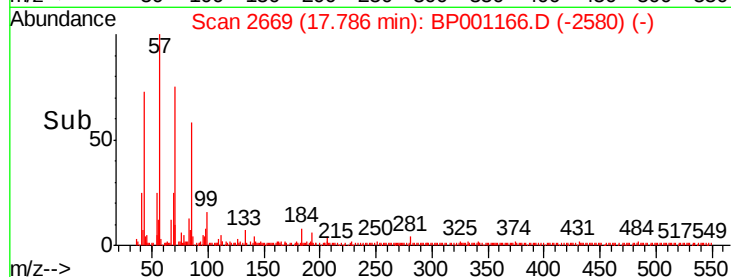
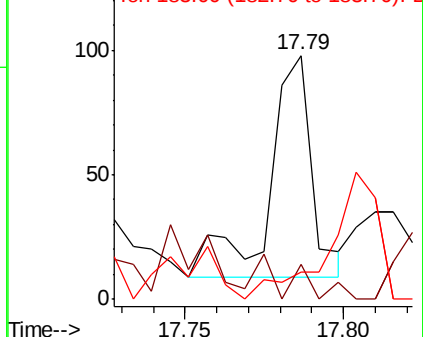
183 11.2 9.3 13.9



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: 0.026 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

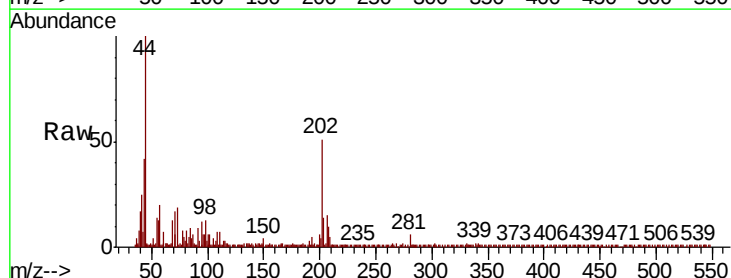
Tgt Ion:202 Resp: 695

Ion Ratio Lower Upper

202 100

200 11.3 17.0 25.6#

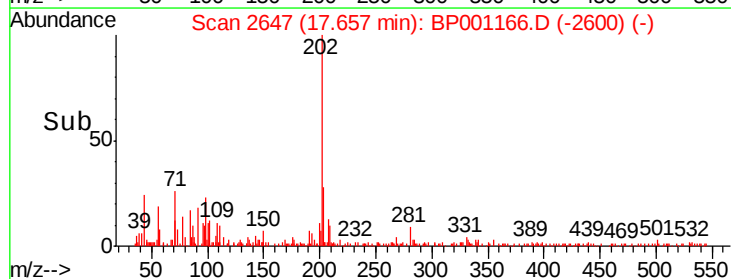
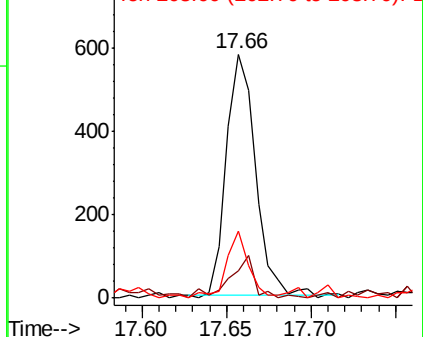
203 27.6 14.1 21.1#

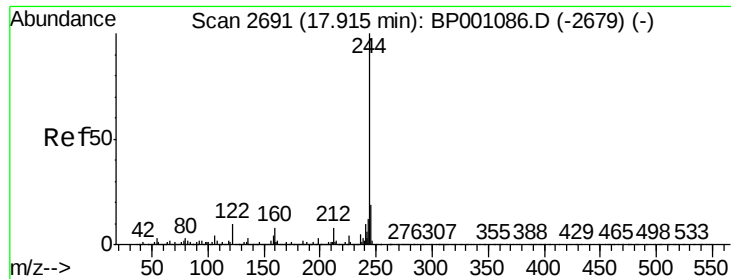


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.346 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

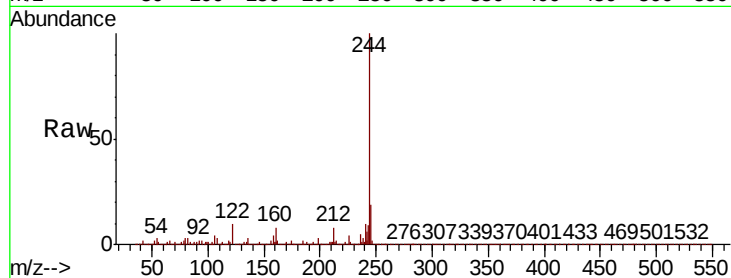
Tot Ion:244 Resp: 1656737

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

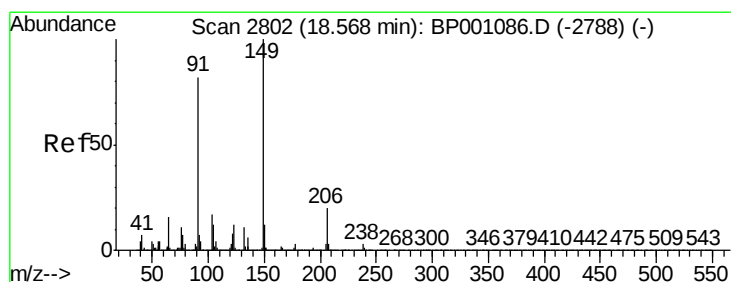
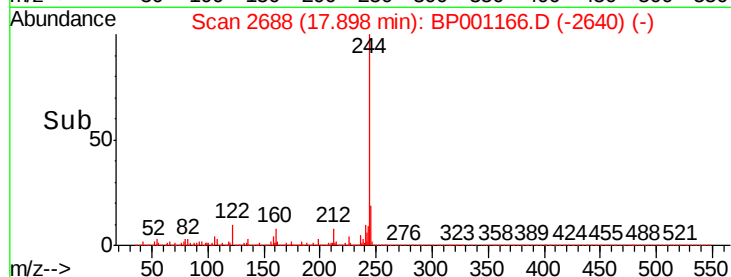
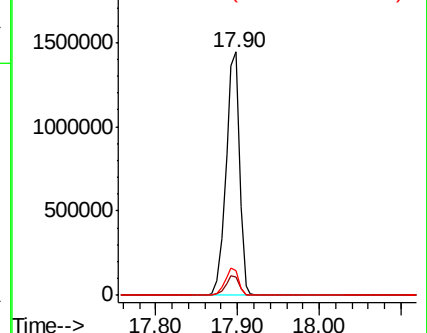
122 10.0 8.2 12.2



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: 0.004 ng

RT: 18.47 min Scan# 2785

Delta R.T. -0.10 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

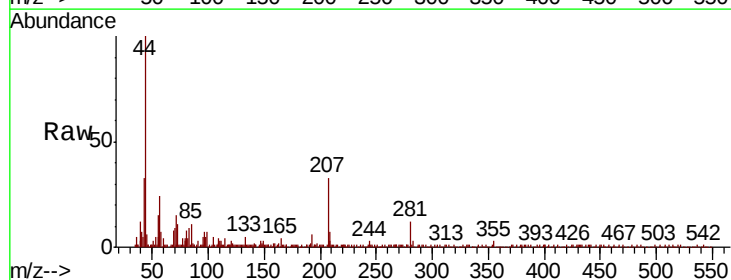
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 92.0 65.4 98.2

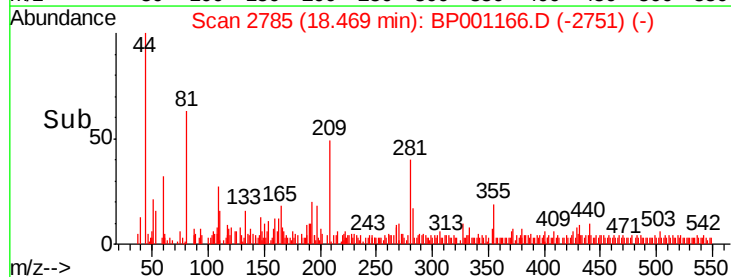
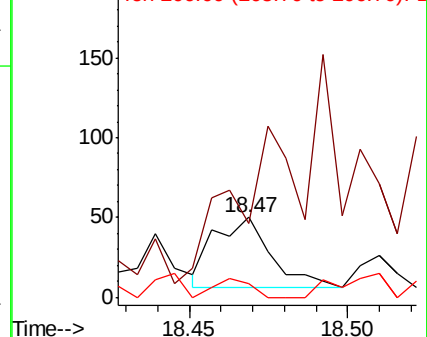
206 18.0 16.0 24.0

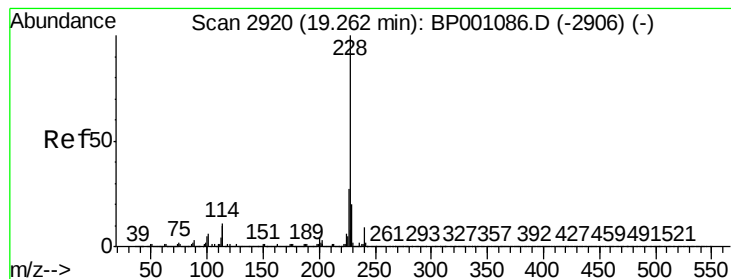


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.064 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

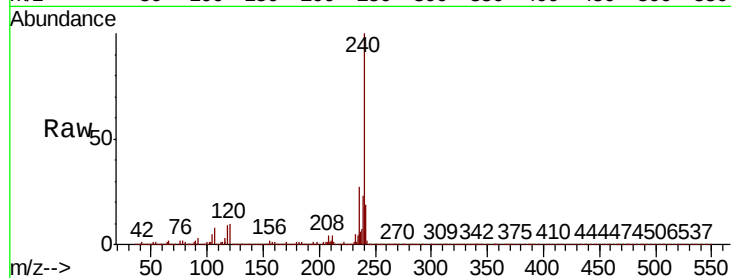
Tot Ion:228 Resp: 1500

Ion Ratio Lower Upper

228 100

226 12.0 21.8 32.6#

229 33.1 15.8 23.6#

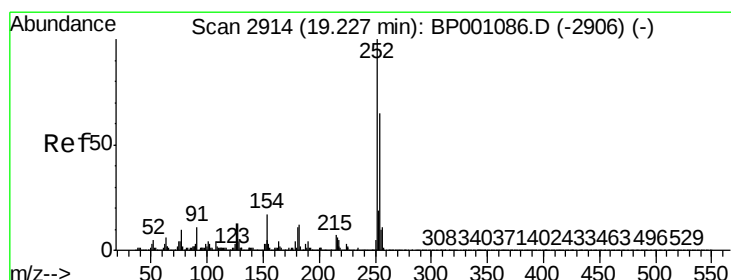
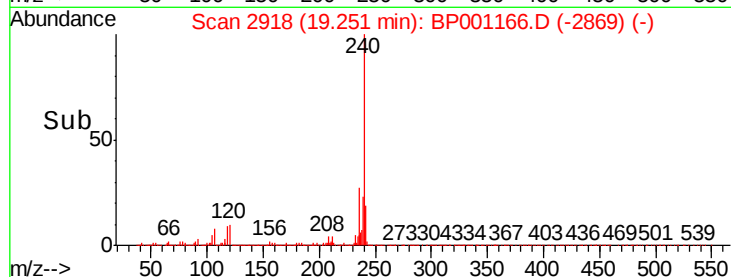
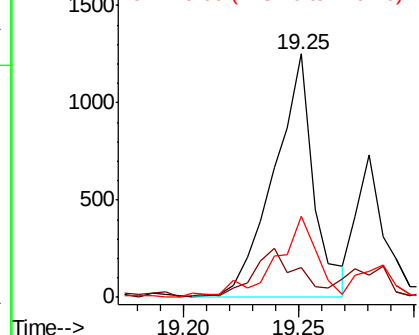


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.030 ng

RT: 19.21 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

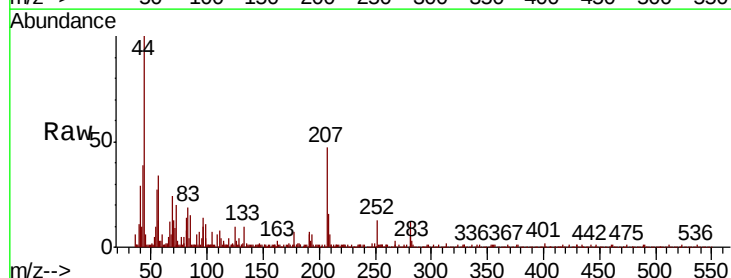
Tgt Ion:252 Resp: 235

Ion Ratio Lower Upper

252 100

254 6.3 51.7 77.5#

126 22.9 10.2 15.4#

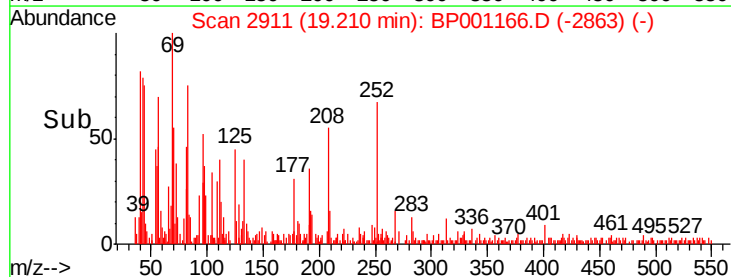
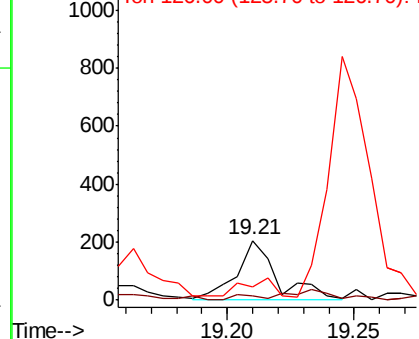


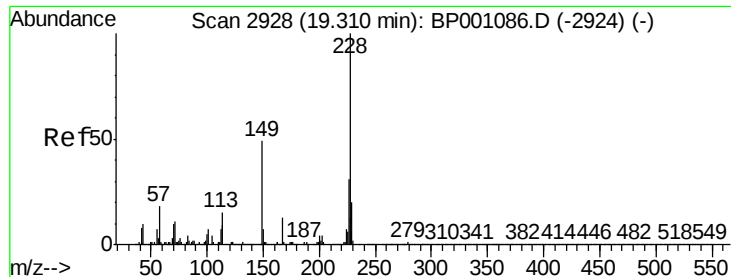
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.031 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.03 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampled :

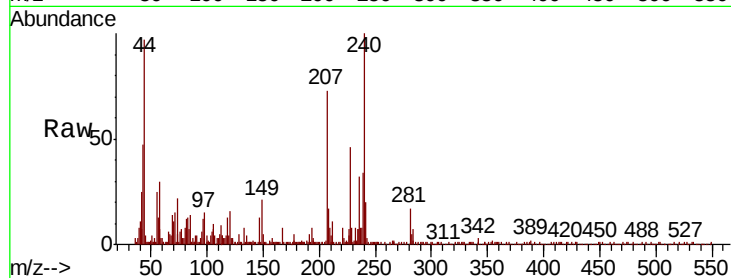
Tot Ion:228 Resp: 645

Ion Ratio Lower Upper

228 100

226 15.3 24.4 36.6#

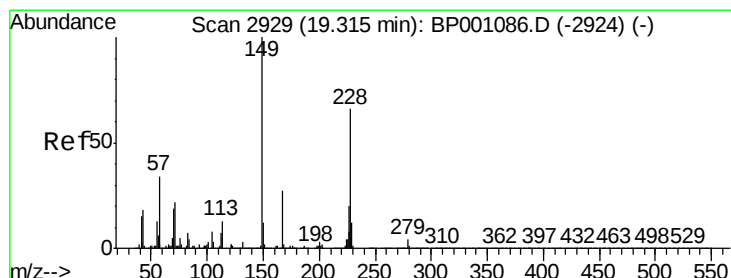
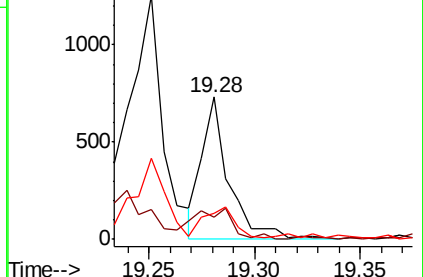
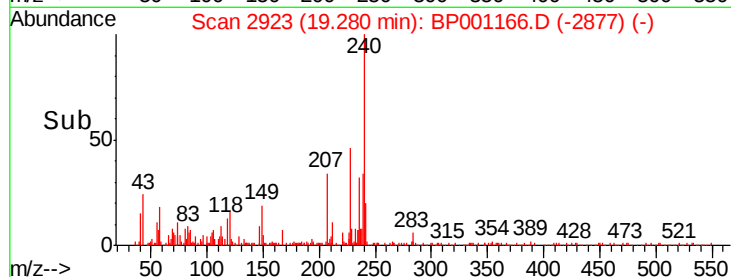
229 17.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.110 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

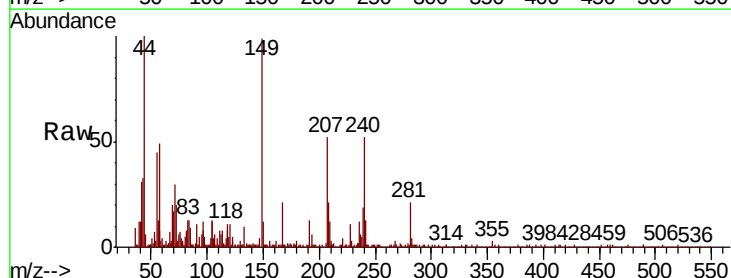
Tgt Ion:149 Resp: 1865

Ion Ratio Lower Upper

149 100

167 20.9 21.3 31.9#

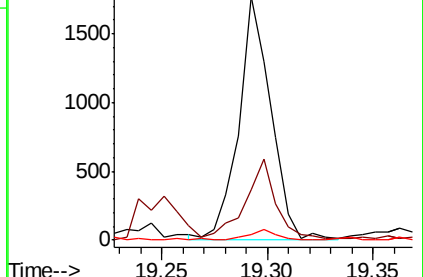
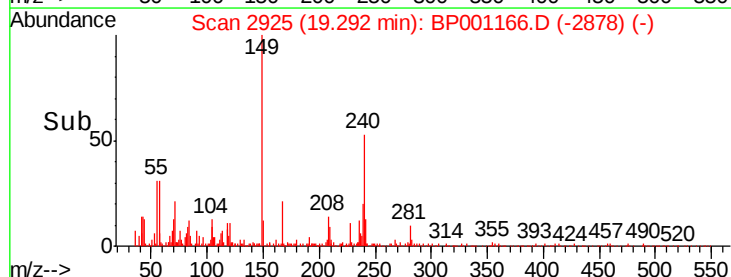
279 2.4 2.8 4.2#

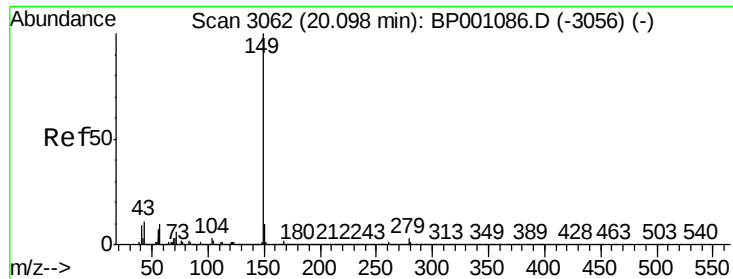


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.019 ng

RT: 20.07 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BP001166.D

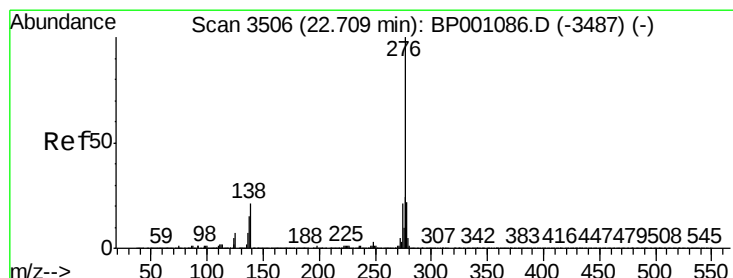
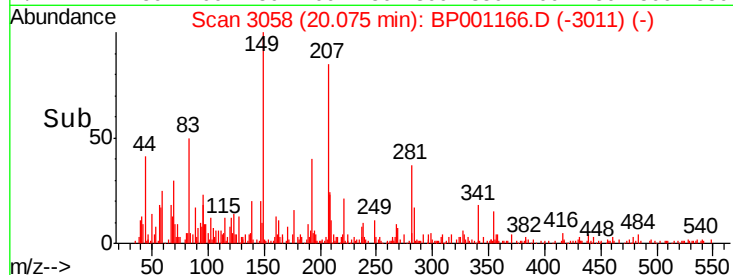
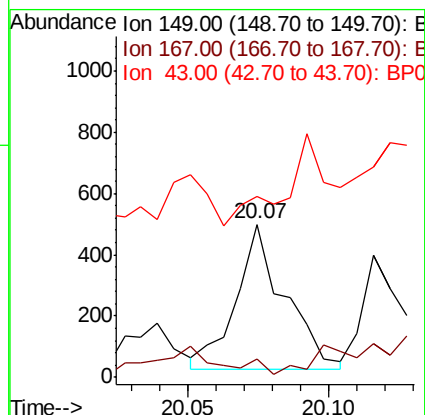
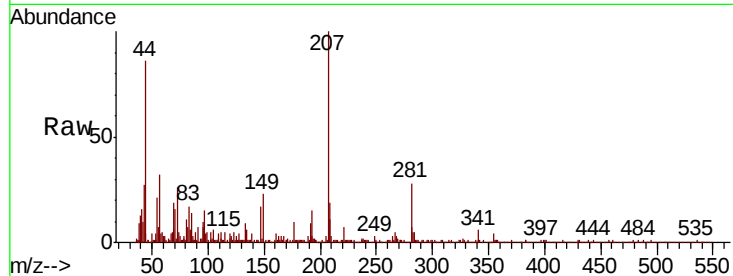
Acq: 03 Dec 2019 20:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion:149	Resp:	563
Ion Ratio	Lower	Upper
149	100	
167	0.0	1.2 1.8#
43	0.0	8.5 12.7#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

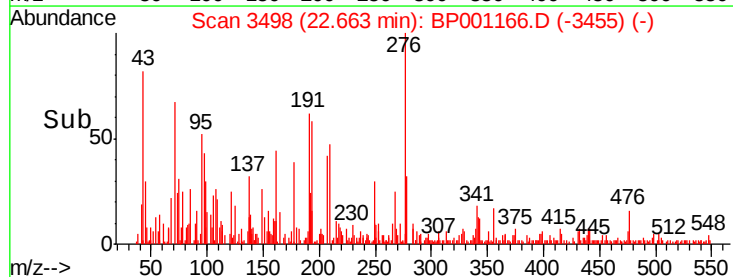
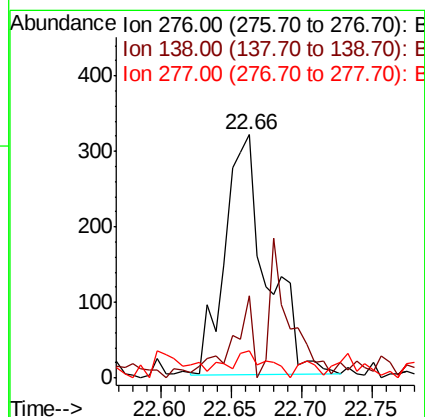
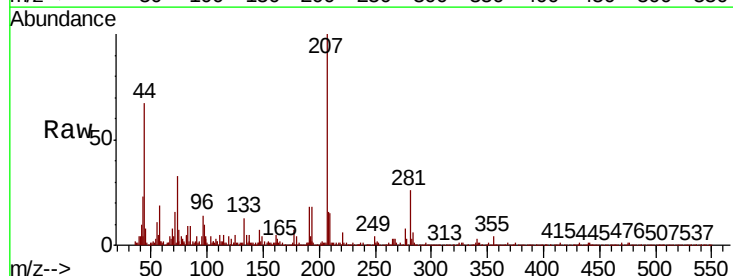
RT: 22.66 min Scan# 3498

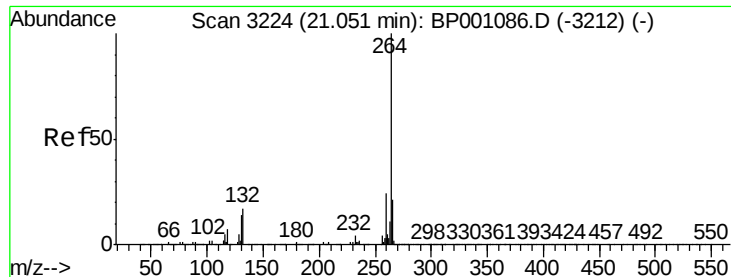
Delta R.T. -0.05 min

Lab File: BP001166.D

Acq: 03 Dec 2019 20:39

Tgt Ion:276	Resp:	658
Ion Ratio	Lower	Upper
276	100	
138	17.8	20.6 30.8#
277	10.3	20.0 30.0#



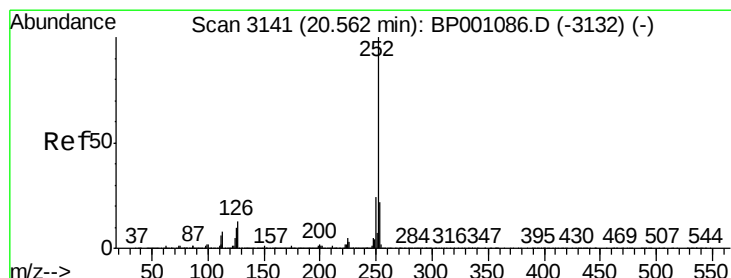
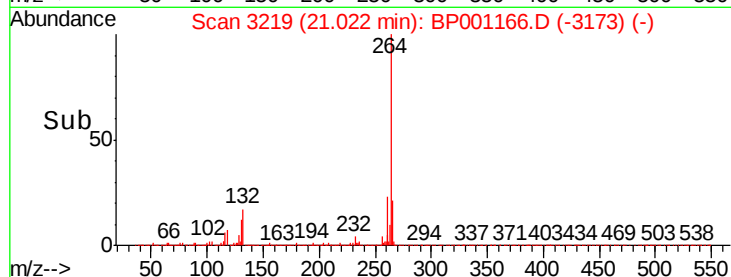
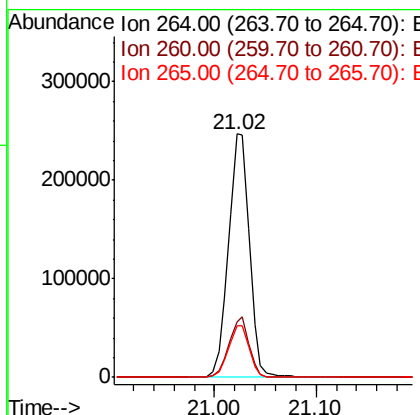
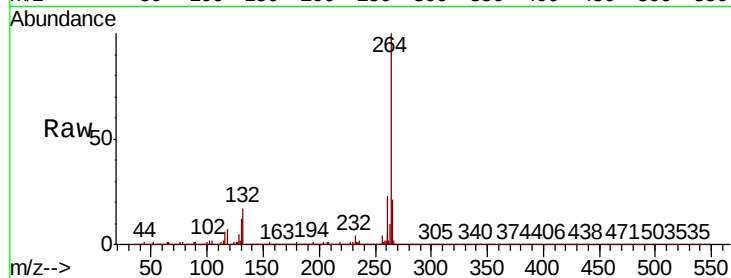


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 355431

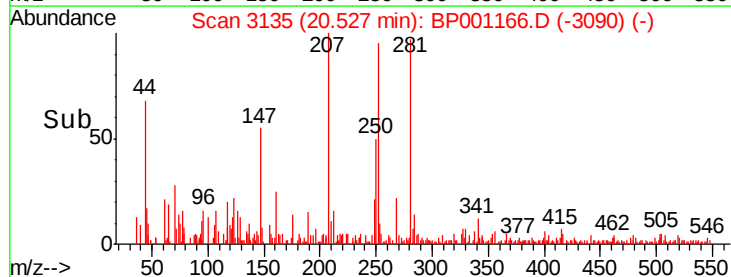
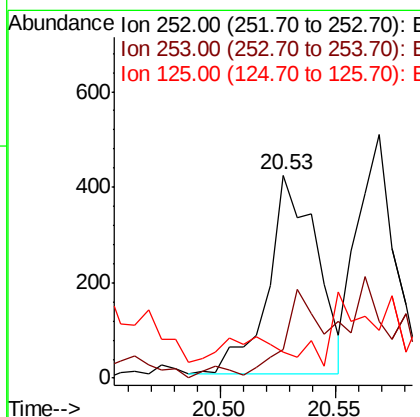
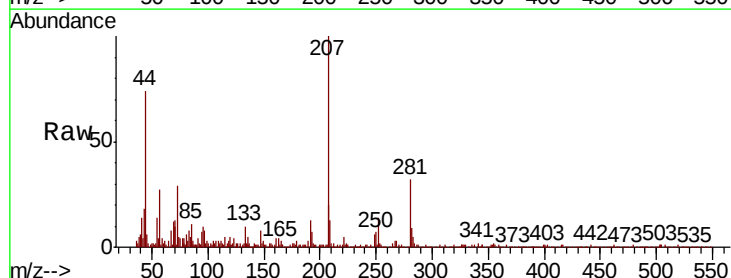
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	21.4	16.9	25.3

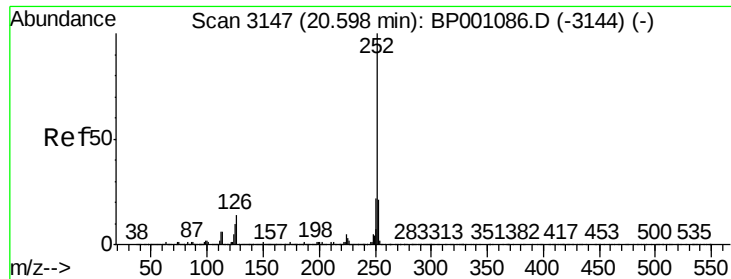


#88
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:252 Resp: 613

Ion	Ratio	Lower	Upper
252	100		
253	14.4	17.4	26.0#
125	13.2	8.1	12.1#

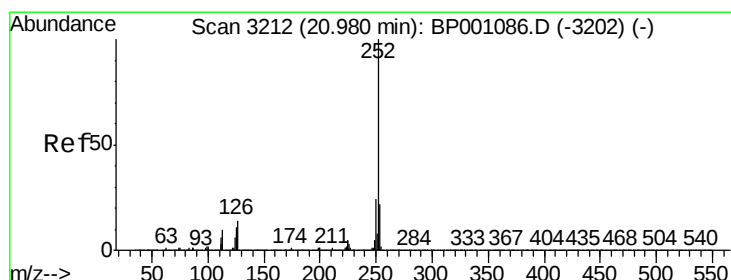
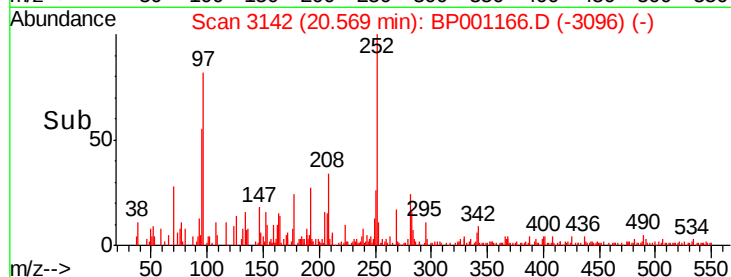
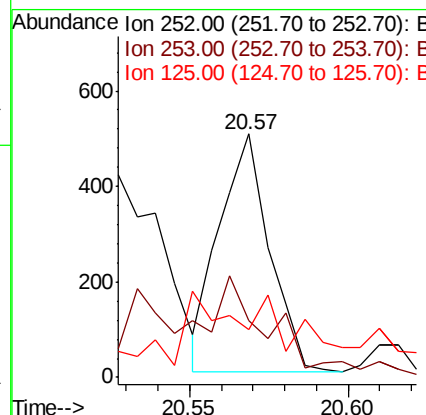
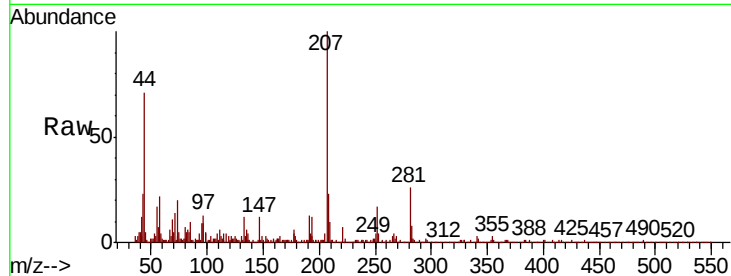




#89
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

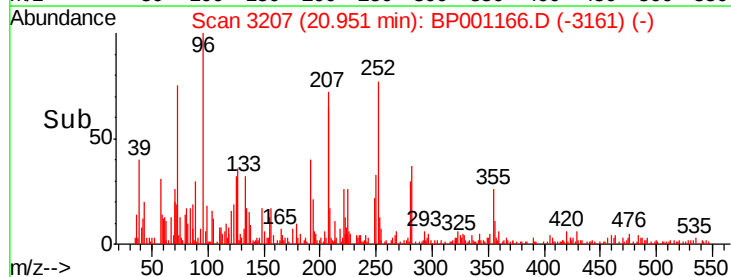
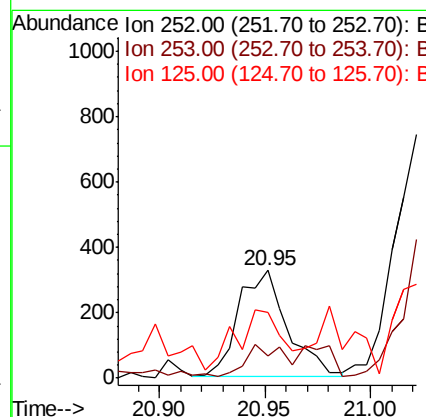
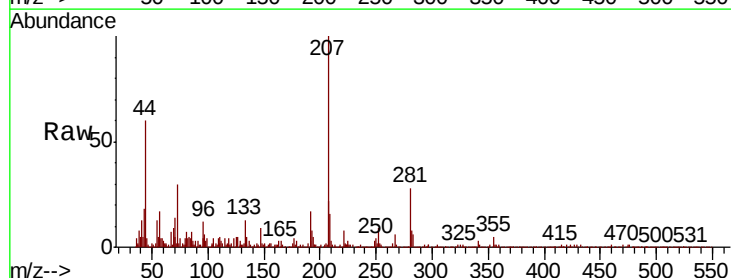
Instrument :
BNA_P
ClientSampleId :

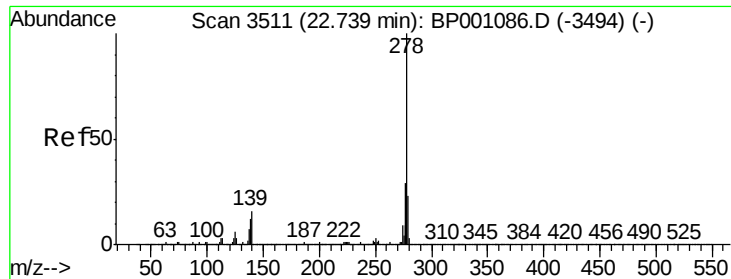
Tot Ion:252 Resp: 544
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 19.6 8.2 12.2#



#90
Benzo(a)pyrene
Concen: 0.026 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.03 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion:252 Resp: 518
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 61.2 8.7 13.1#

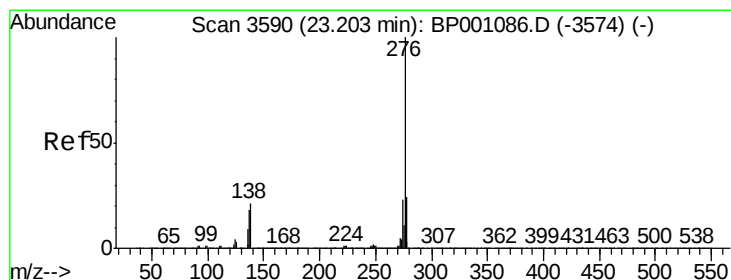
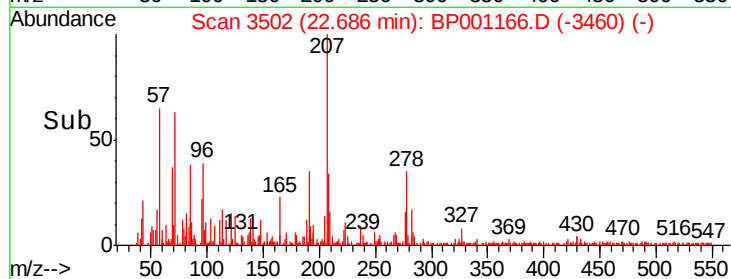
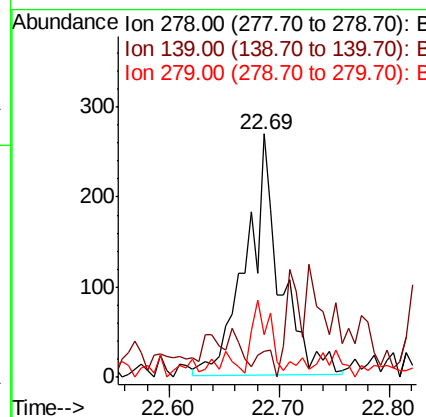
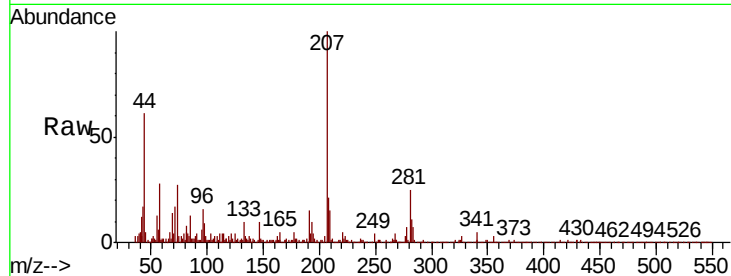




#91
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 22.69 min Scan# 3502
Delta R.T. -0.05 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	13.0	19.4#
279	17.8	18.7	28.1#



#92
Benzo(g,h,i)perylene
Concen: 0.033 ng
RT: 23.14 min Scan# 3579
Delta R.T. -0.06 min
Lab File: BP001166.D
Acq: 03 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	1.2	19.2	28.8#
138	10.6	17.2	25.8#

