

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001490.D
 Acq On : 28 Dec 2019 22:31
 Operator : JU
 Sample : K6431-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 08:07:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24473	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	87517	20.00	ng	-0.01
39) Acenaphthene-d10	13.18	164	52569	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	106745	20.00	ng	0.00
76) Chrysene-d12	19.24	240	83886	20.00	ng	0.01
87) Perylene-d12	21.02	264	84495	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	238818	157.71	ng	0.00
7) Phenol-d6	7.75	99	323115	163.53	ng	0.00
23) Nitrobenzene-d5	9.17	82	212610	93.29	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	112648	171.40	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	432942	104.14	ng	0.00
79) Terphenyl-d14	17.87	244	542664	110.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	23101	37.070	ng	95
3) Pyridine	3.40	79	57225	33.615	ng	94
4) n-Nitrosodimethylamine	3.32	42	50856	47.179	ng	97
6) Aniline	7.76	93	79631	32.015	ng	89
8) 2-Chlorophenol	7.95	128	77754	51.076	ng	97
9) Benzaldehyde	7.57	77	50490	36.427	ng	98
10) Phenol	7.77	94	112458	49.812	ng	# 79
11) bis(2-Chloroethyl)ether	7.89	93	71989	45.073	ng	93
12) 1,3-Dichlorobenzene	8.18	146	88174	46.501	ng	98
13) 1,4-Dichlorobenzene	8.30	146	92828	48.051	ng	96
14) 1,2-Dichlorobenzene	8.54	146	89214	48.474	ng	97
15) Benzyl Alcohol	8.52	79	86516	46.665	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	88683	35.060	ng	94
17) 2-Methylphenol	8.72	107	66315	49.297	ng	97
18) Hexachloroethane	9.08	117	35394	43.068	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	60480	43.117	ng	97
20) 3+4-Methylphenols	8.96	107	88837	49.765	ng	99
22) Acetophenone	8.93	105	123367	44.577	ng	# 98
24) Nitrobenzene	9.19	77	98542	43.932	ng	98
25) Isophorone	9.59	82	162154	44.250	ng	96
26) 2-Nitrophenol	9.70	139	40745	50.941	ng	96
27) 2,4-Dimethylphenol	9.80	122	67081	57.023	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	90921	41.542	ng	98
29) 2,4-Dichlorophenol	10.10	162	73854	50.702	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	85572	47.760	ng	97
31) Naphthalene	10.35	128	232515	48.671	ng	100
32) Benzoic acid	10.03	122	33071	36.154	ng	94
33) 4-Chloroaniline	10.45	127	31133	15.935	ng	98
34) Hexachlorobutadiene	10.57	225	53953	43.173	ng	95
35) Caprolactam	11.04	113	11465	26.451	ng	93
36) 4-Chloro-3-methylphenol	11.28	107	78338	46.021	ng	96
37) 2-Methylnaphthalene	11.48	142	169436	51.374	ng	99
38) 1-Methylnaphthalene	11.64	142	155473	50.142	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	95303	49.031	ng	98

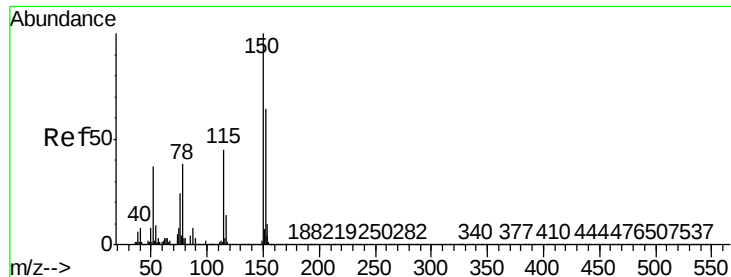
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	95234	99.062	nq	98
43) 2,4,6-Trichlorophenol	11.96	196	58511	48.947	nq	99
44) 2,4,5-Trichlorophenol	12.02	196	60432	49.203	nq	99
46) 1,1'-Biphenyl	12.25	154	216283	49.165	nq	99
47) 2-Chloronaphthalene	12.27	162	167085	46.982	nq	98
48) 2-Nitroaniline	12.45	65	57960	40.700	nq	96
49) Acenaphthylene	12.95	152	255553	49.157	nq	99
50) Dimethylphthalate	12.79	163	240825	55.841	nq	100
51) 2,6-Dinitrotoluene	12.86	165	42191	48.180	nq	87
52) Acenaphthene	13.23	154	149584	47.756	nq	97
53) 3-Nitroaniline	13.12	138	19679	20.937	nq	97
54) 2,4-Dinitrophenol	13.31	184	28530	84.372	nq	96
55) Dibenzofuran	13.52	168	244706	49.862	nq	98
56) 4-Nitrophenol	13.46	139	62519	93.021	nq	100
57) 2,4-Dinitrotoluene	13.52	165	60385	49.613	nq	# 94
58) Fluorene	14.09	166	193149	49.206	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.73	232	50688	48.069	nq	# 97
60) Diethylphthalate	13.95	149	197681	44.441	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	105038	50.904	nq	95
62) 4-Nitroaniline	12.45	138	48998	45.017	nq	96
63) Azobenzene	14.36	77	202482	43.238	nq	94
65) 4,6-Dinitro-2-methylphenol	14.19	198	25488	53.315	nq	98
66) n-Nitrosodiphenylamine	14.30	169	167700	49.555	nq	98
67) 4-Bromophenyl-phenylether	14.90	248	61464	48.702	nq	98
68) Hexachlorobenzene	14.99	284	69741	48.541	nq	95
69) Atrazine	15.20	200	60322	49.624	nq	98
70) Pentachlorophenol	15.31	266	68163	92.512	nq	94
71) Phenanthrene	15.62	178	308964	50.732	nq	99
72) Anthracene	15.70	178	304829	50.562	nq	100
73) Carbazole	15.95	167	254290	47.310	nq	99
74) Di-n-butylphthalate	16.50	149	315864	42.822	nq	99
75) Fluoranthene	17.33	202	344502	50.589	nq	99
77) Benzidine	17.53	184	151446	62.008	nq	98
78) Pyrene	17.65	202	339952	52.194	nq	98
80) Butylbenzylphthalate	18.53	149	131797	43.404	nq	92
81) Benzo(a)anthracene	19.23	228	305041	49.903	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	54543	25.697	nq	98
83) Chrysene	19.27	228	288280	48.861	nq	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	191722	43.028	nq	99
85) Di-n-octyl phthalate	20.06	149	311700	42.207	nq	98
86) Indeno(1,2,3-cd)pyrene	22.67	276	296745	46.570	nq	99
88) Benzo(b)fluoranthene	20.53	252	276157	49.766	nq	99
89) Benzo(k)fluoranthene	20.57	252	271117	51.290	nq	100
90) Benzo(a)pyrene	20.95	252	246767	48.816	nq	98
91) Dibenzo(a,h)anthracene	22.71	278	252211	51.029	nq	98
92) Benzo(g,h,i)perylene	23.19	276	242612	51.370	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

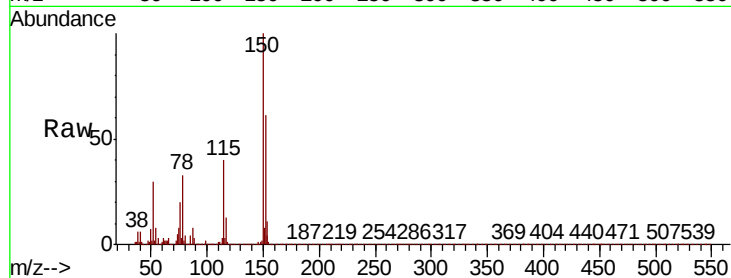
Tot Ion:152 Resp: 24473

Ion Ratio Lower Upper

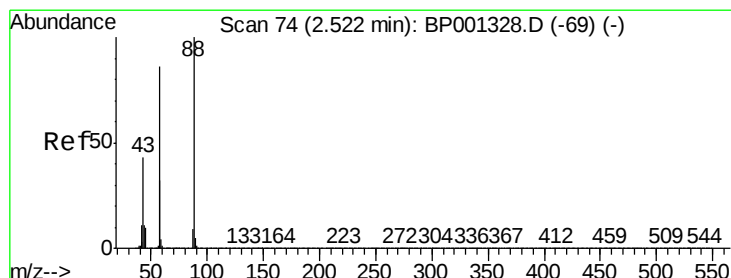
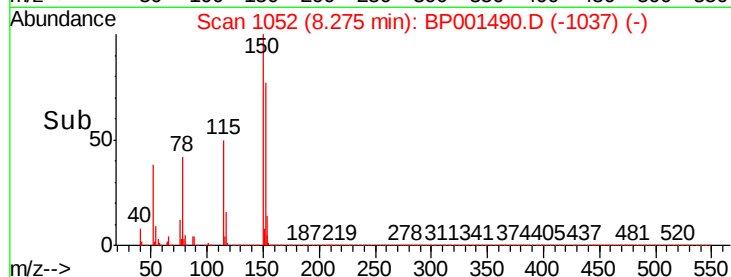
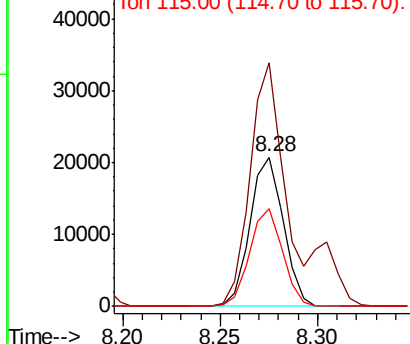
152 100

150 163.5 127.0 190.6

115 65.4 56.1 84.1



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



#2

1,4-Dioxane

Concen: 37.070 ng

RT: 2.57 min Scan# 82

Delta R.T. 0.06 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

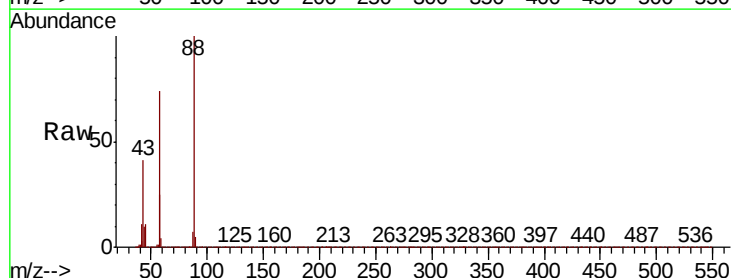
Tgt Ion: 88 Resp: 23101

Ion Ratio Lower Upper

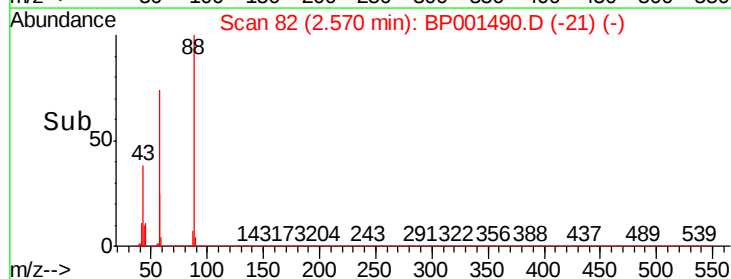
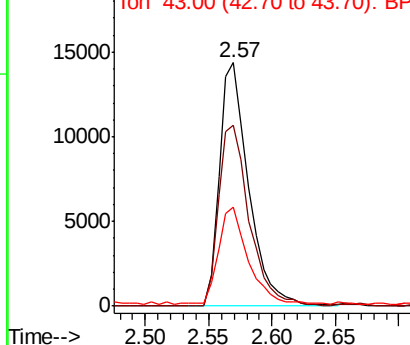
88 100

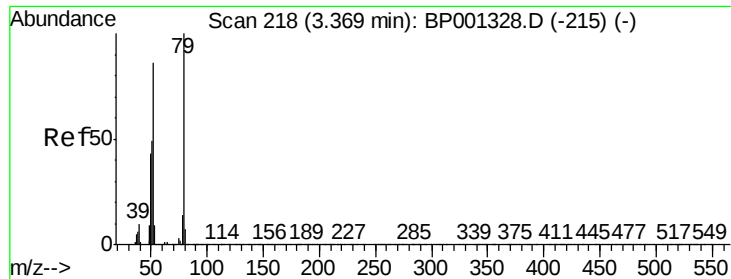
58 77.6 66.9 100.3

43 40.0 32.9 49.3



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





#3

Pvridine

Concen: 33.615 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

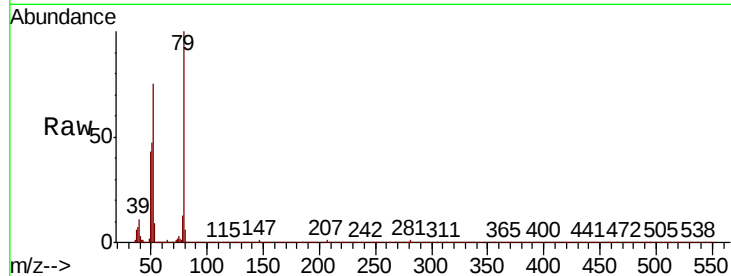
Tot Ion: 79 Resp: 57225

Ion Ratio Lower Upper

79 100

52 75.3 64.6 96.8

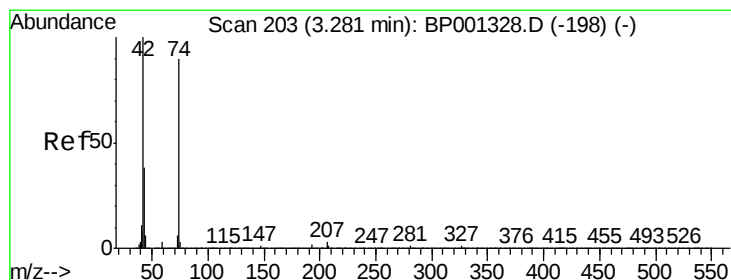
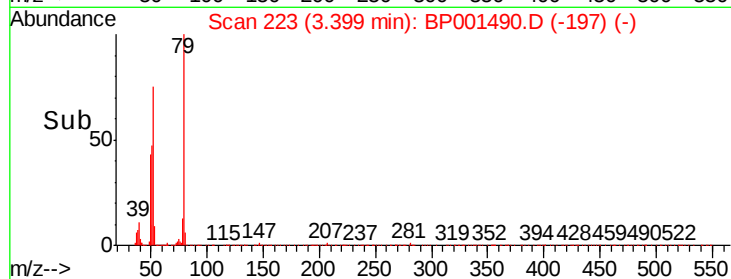
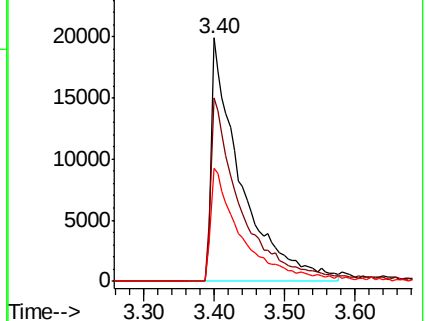
51 46.6 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 47.179 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

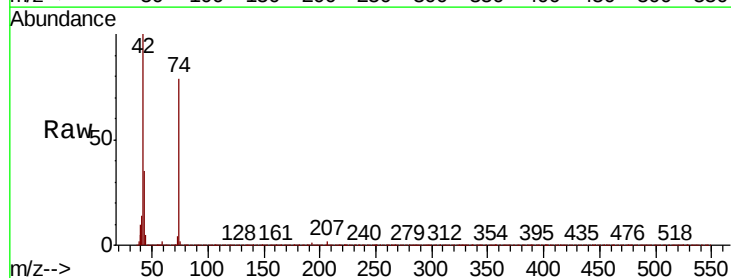
Tgt Ion: 42 Resp: 50856

Ion Ratio Lower Upper

42 100

74 78.9 65.3 97.9

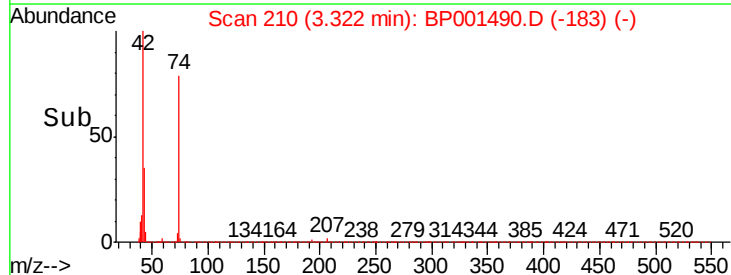
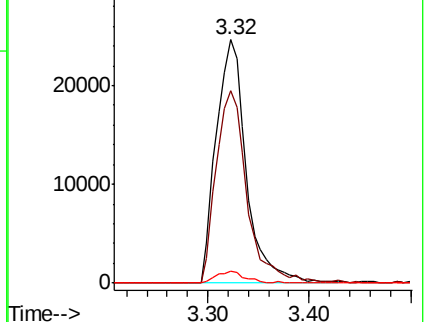
44 4.8 3.8 5.6

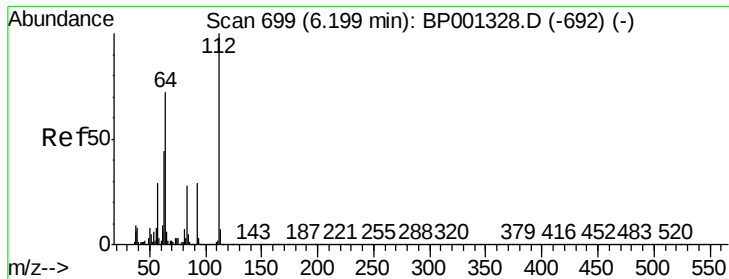


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 157.715 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

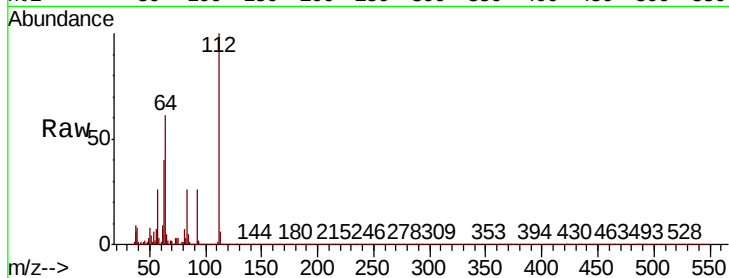
Tot Ion:112 Resp: 238818

Ion Ratio Lower Upper

112 100

64 60.9 53.9 80.9

63 40.5 33.4 50.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

250000

200000

150000

100000

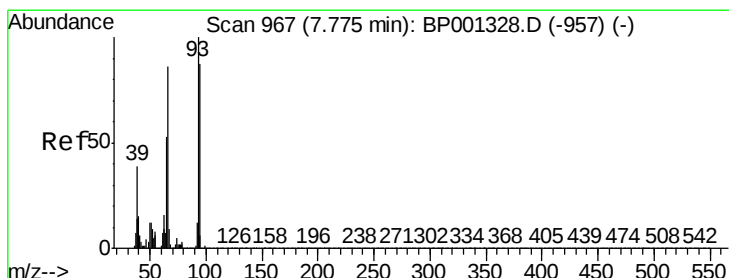
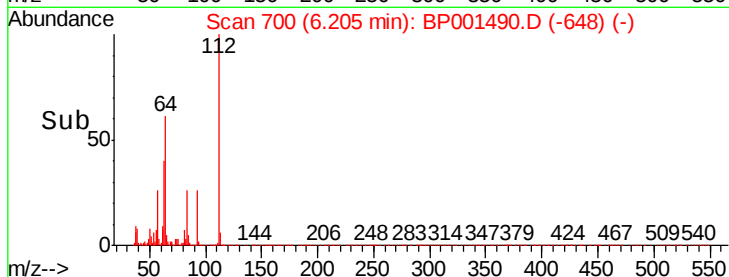
50000

0

6.20

6.10 6.20 6.30

Time-->



#6

Aniline

Concen: 32.015 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

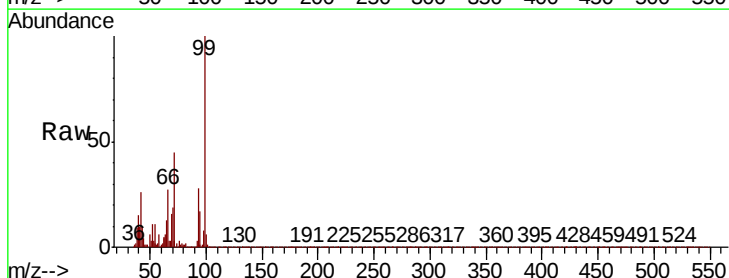
Tgt Ion: 93 Resp: 79631

Ion Ratio Lower Upper

93 100

66 98.6 69.0 103.6

65 46.3 41.1 61.7



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

80000

60000

40000

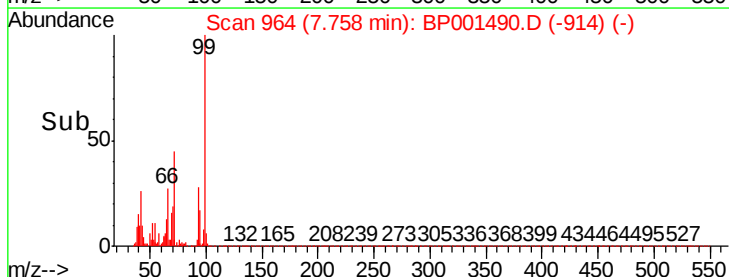
20000

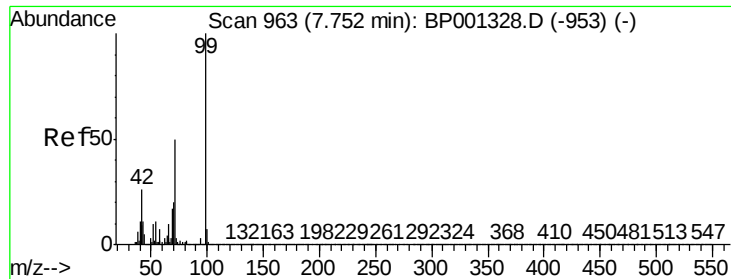
0

7.76

7.70 7.75 7.80

Time-->





#7

Phenol-d6

Concen: 163.529 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

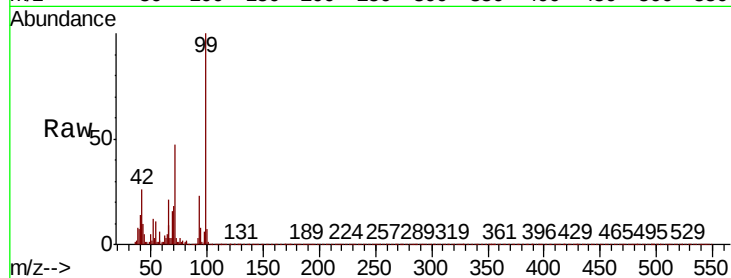
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 323115

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.8	31.2
71	47.2	38.2	57.4

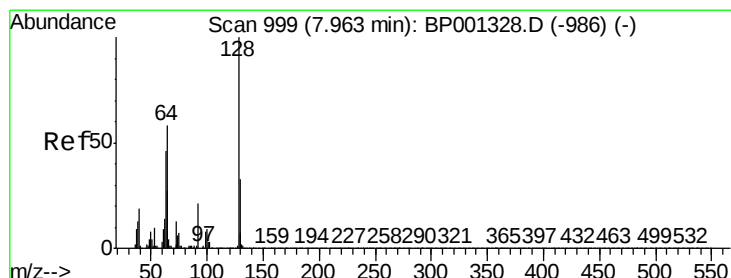
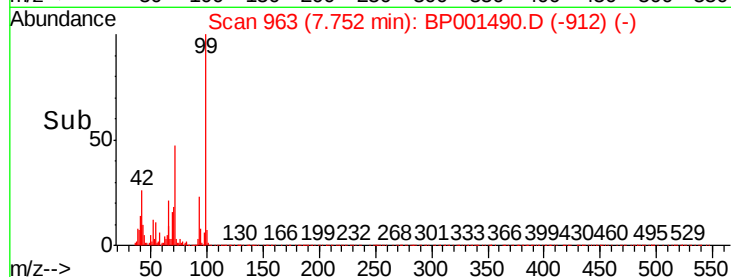
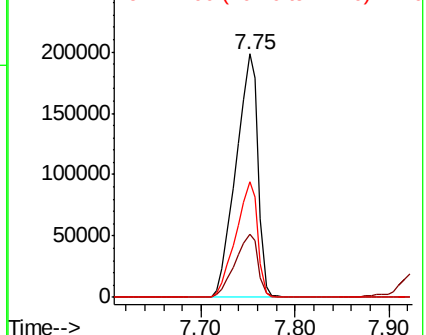


Abundance

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: 51.076 ng

RT: 7.95 min Scan# 996

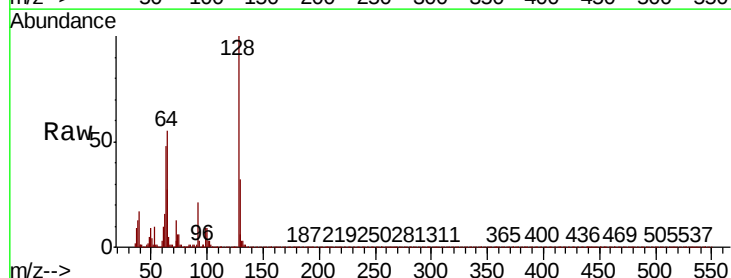
Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Tgt Ion: 128 Resp: 77754

Ion	Ratio	Lower	Upper
128	100		
130	31.6	10.7	50.7
64	55.4	37.7	77.7

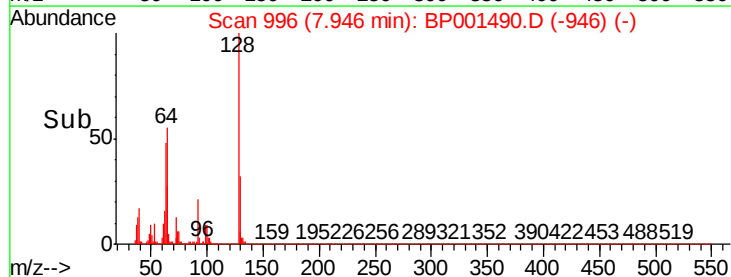
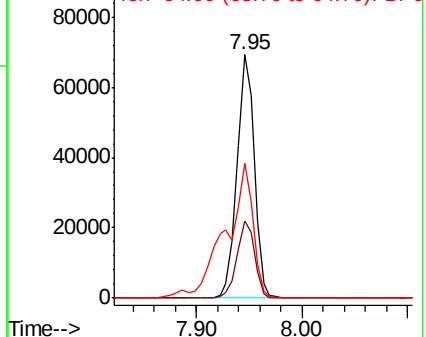


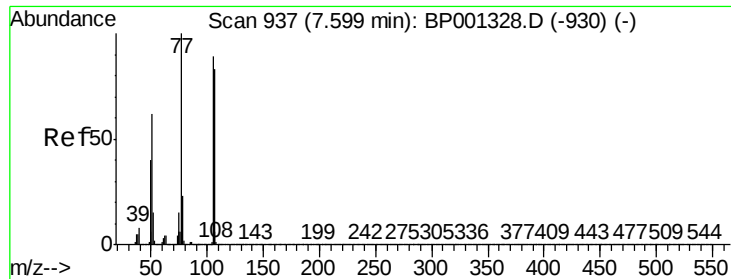
Abundance

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: 36.427 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampled :

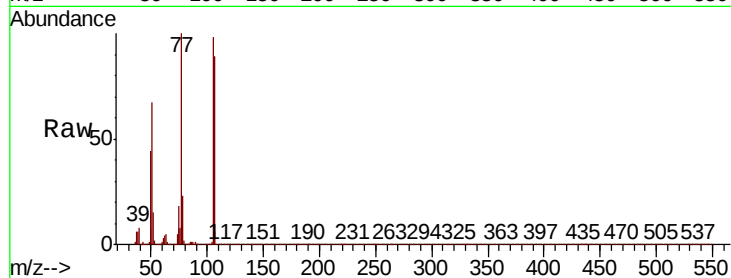
Tot Ion: 77 Resp: 50490

Ion Ratio Lower Upper

77 100

105 97.6 75.7 115.7

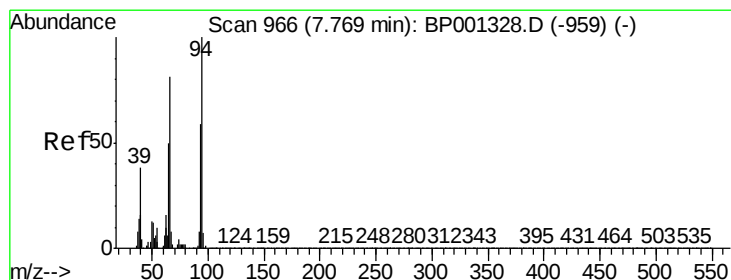
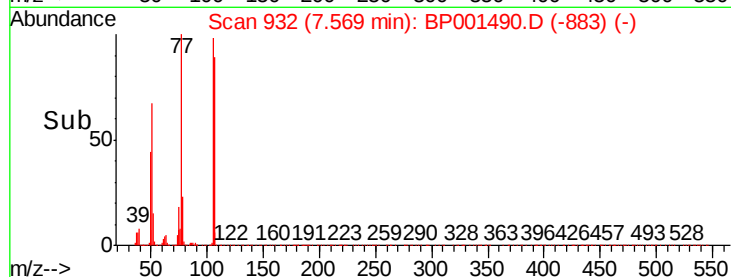
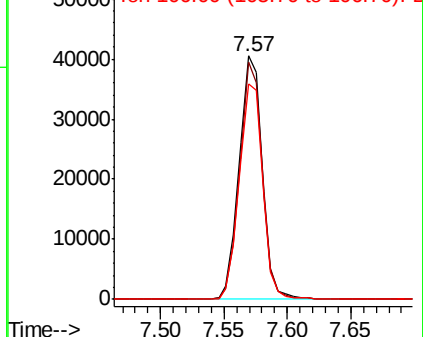
106 88.6 70.5 110.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 49.812 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

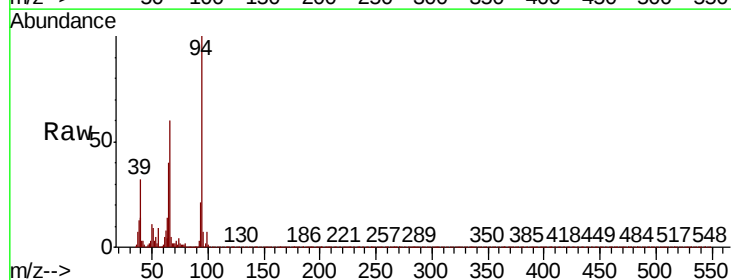
Tgt Ion: 94 Resp: 112458

Ion Ratio Lower Upper

94 100

65 39.7 29.6 69.6

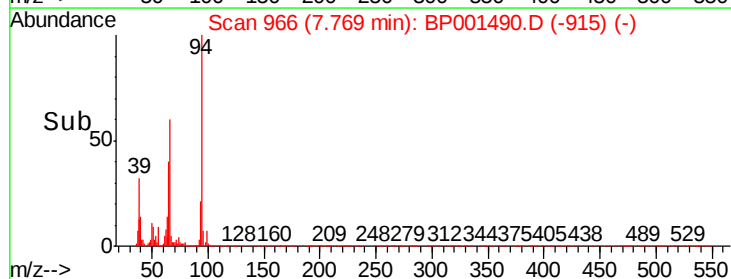
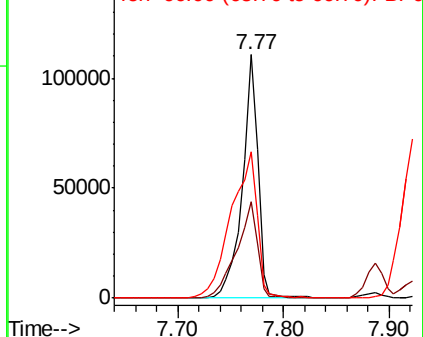
66 60.1 62.3 102.3#

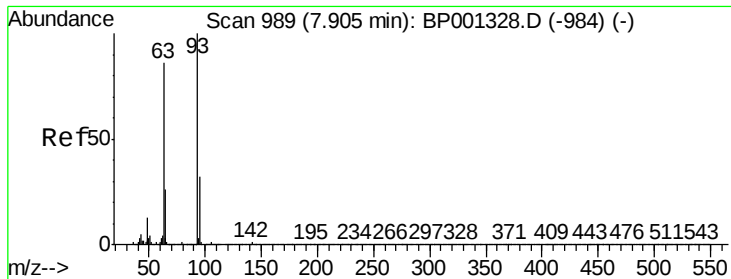


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

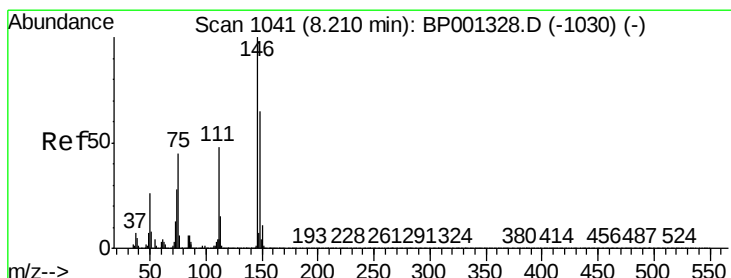
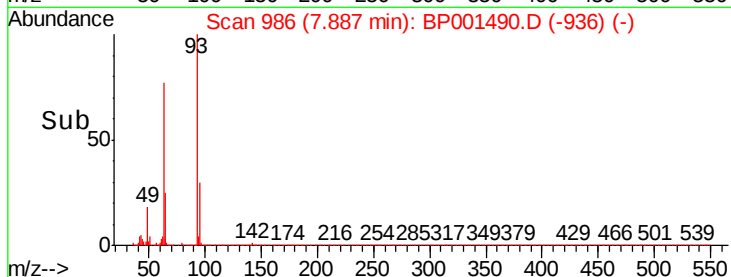
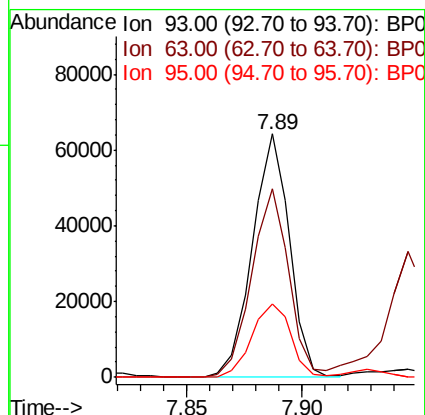
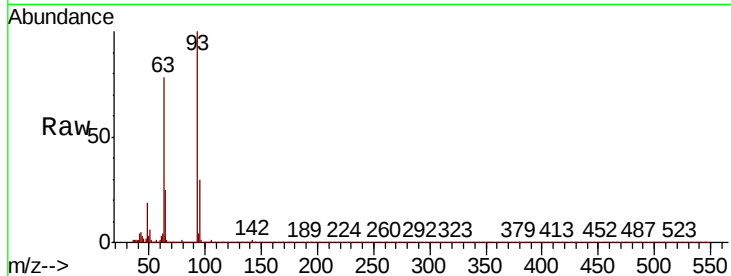




#11
bis(2-Chloroethyl)ether
Concen: 45.073 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

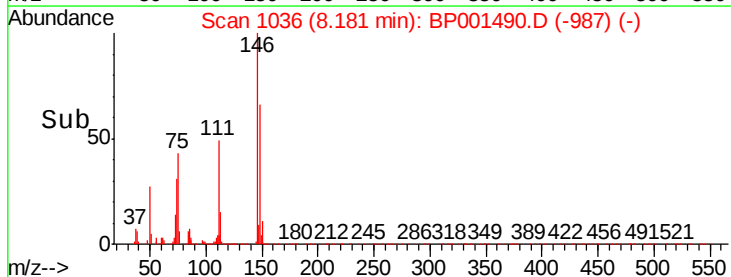
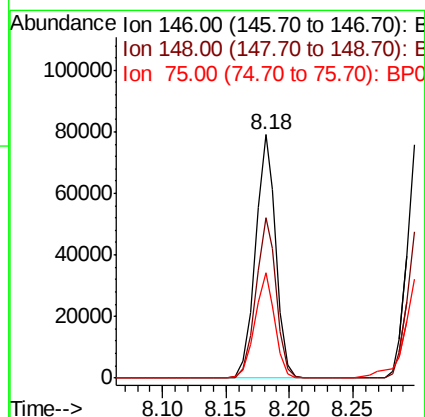
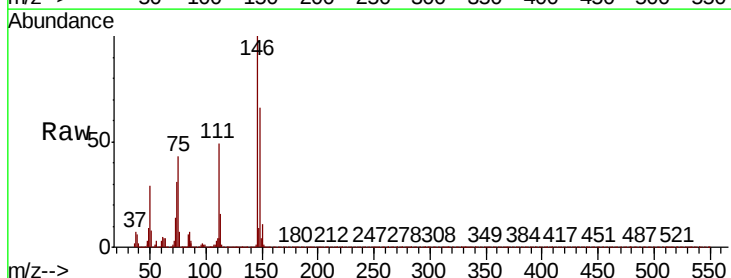
Instrument :
BNA_P
ClientSampleId :

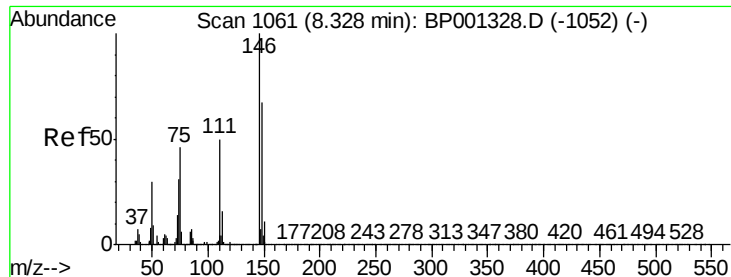
Tot Ion:	93	Resp:	71989
Ion	Ratio	Lower	Upper
93	100		
63	77.5	64.9	104.9
95	30.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 46.501 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:	146	Resp:	88174
Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
75	43.3	35.8	53.8

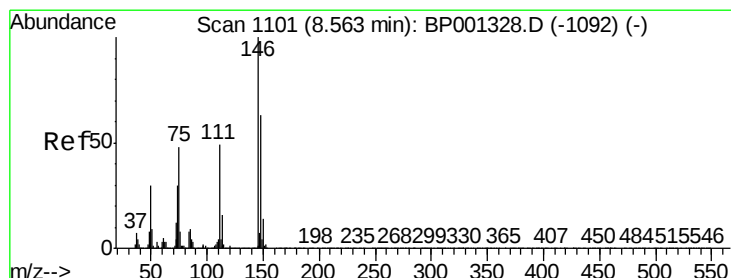
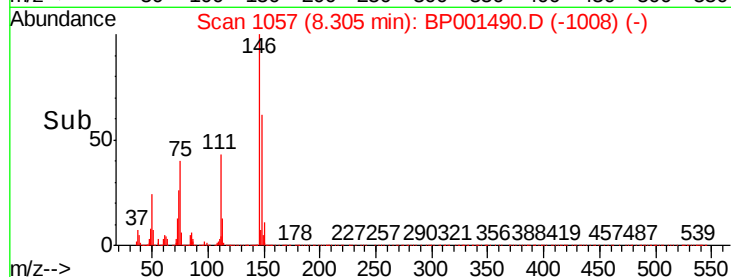
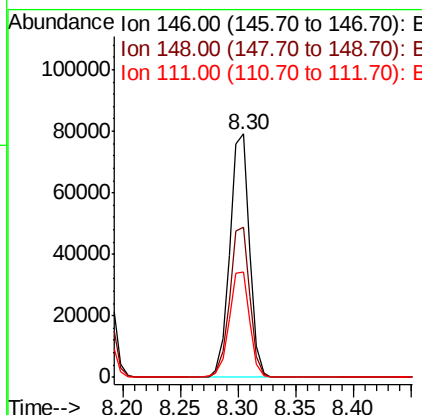
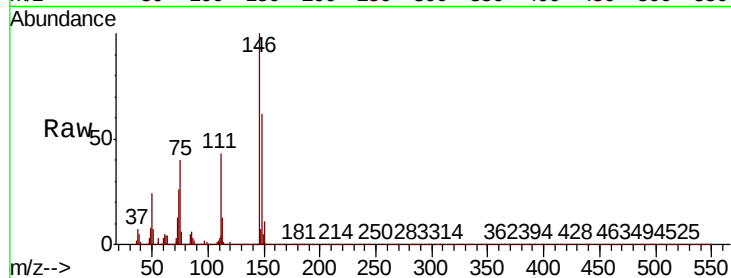




#13
1,4-Dichlorobenzene
Concen: 48.051 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

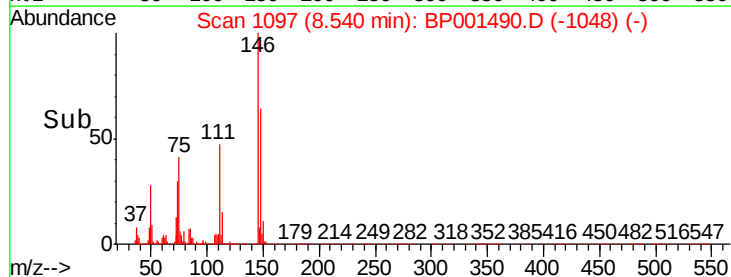
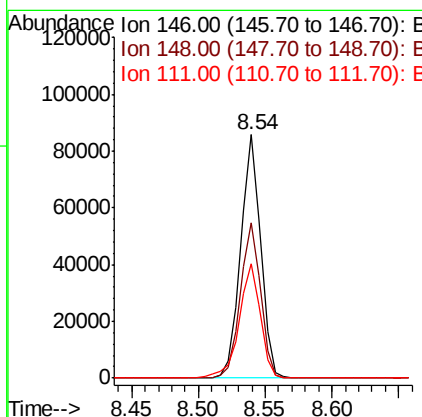
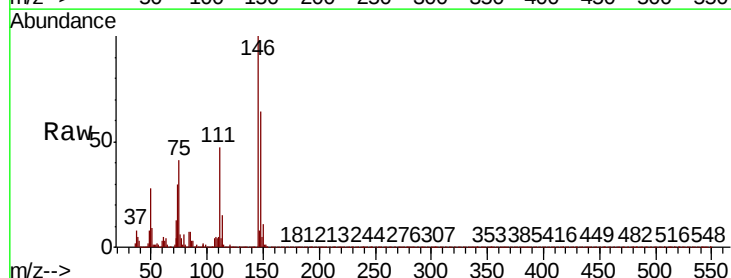
Instrument :
BNA_P
ClientSampleId :

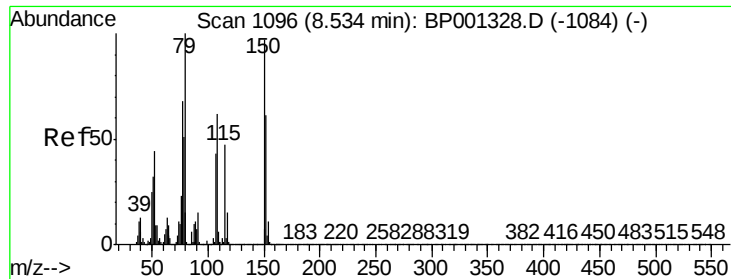
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.9	77.9
111	43.0	36.8	55.2



#14
1,2-Dichlorobenzene
Concen: 48.474 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.1	79.7
111	47.1	39.5	59.3

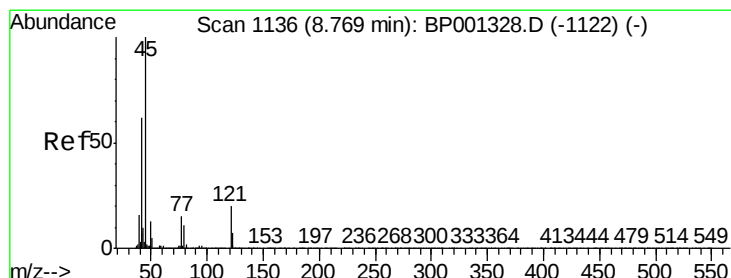
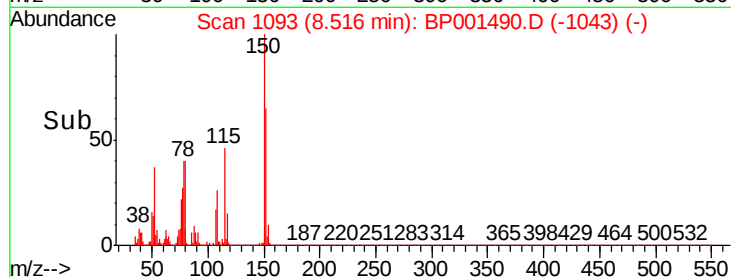
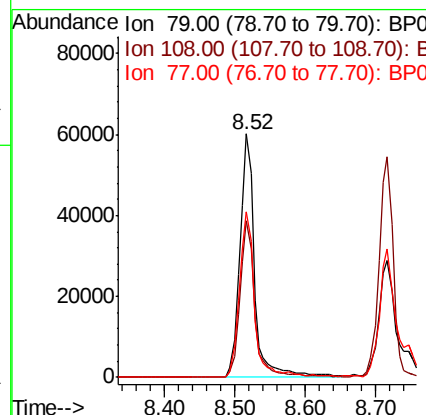
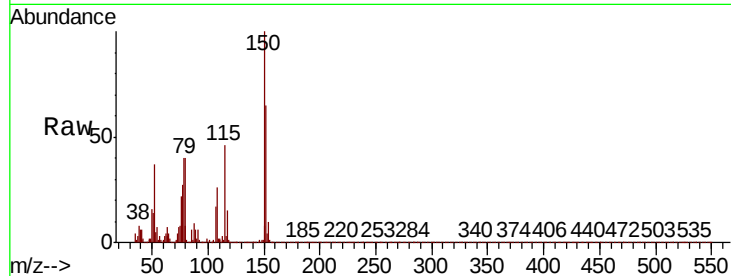




#15
Benzyl Alcohol
Concen: 46.665 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

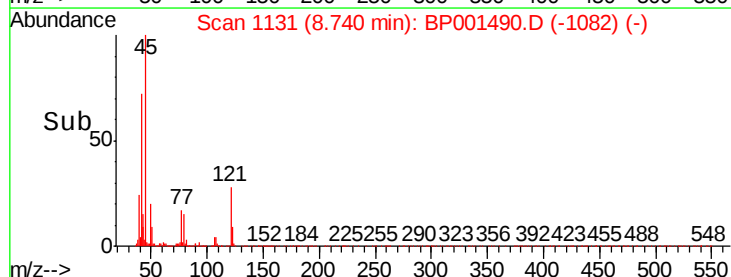
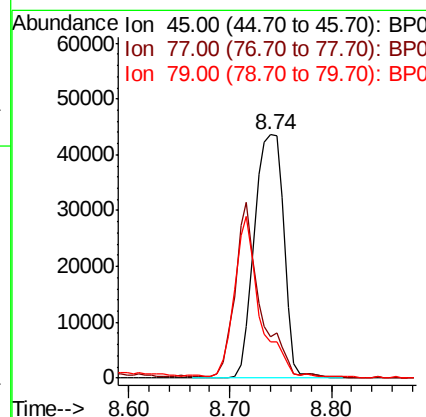
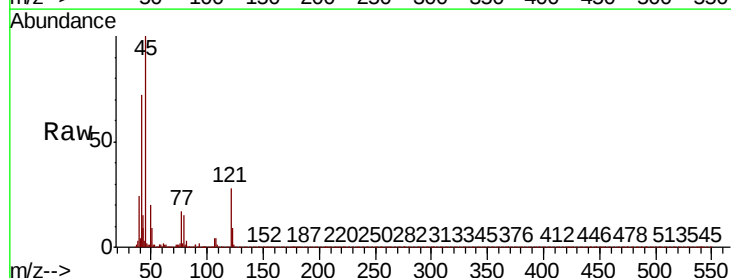
Instrument :
BNA_P
ClientSampleId :

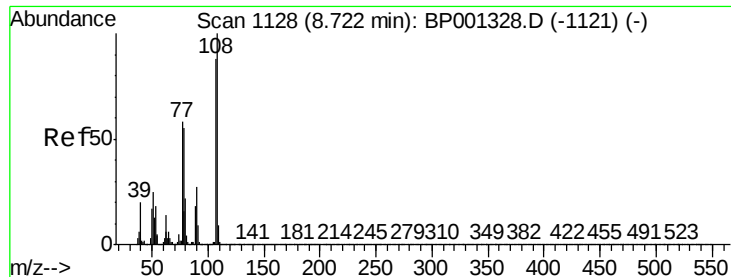
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.3	49.0	73.4
77	68.1	56.7	85.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.060 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	34.7
79	14.7	0.0	31.8

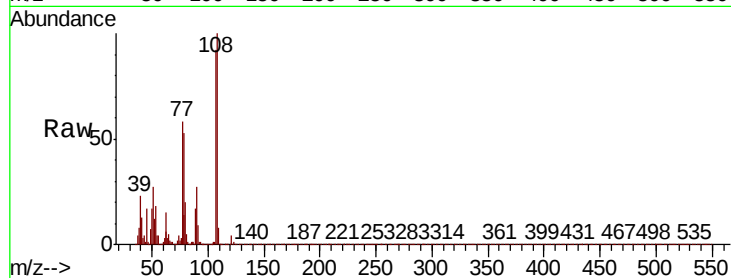




#17
2-Methylphenol
Concen: 49.297 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	66315
Ion	Ratio	Lower	Upper
107	100		
108	108.2	88.8	133.2
77	62.7	48.9	73.3
79	57.5	48.8	73.2



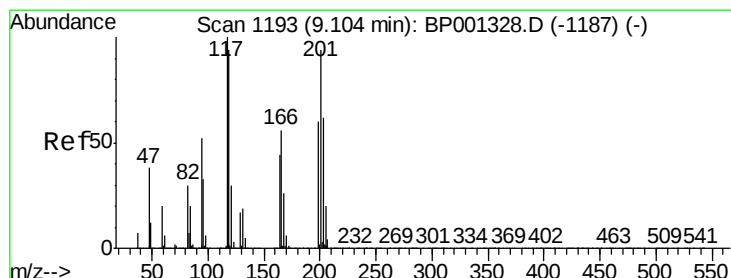
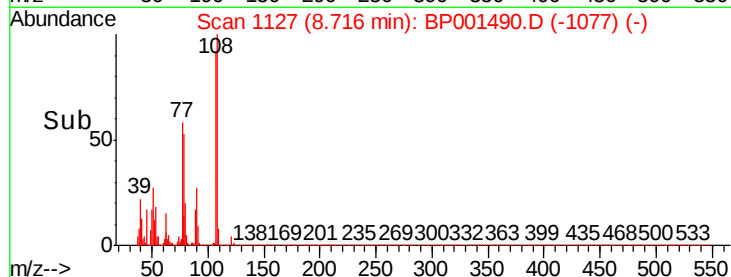
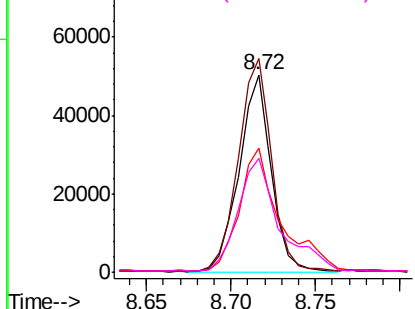
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

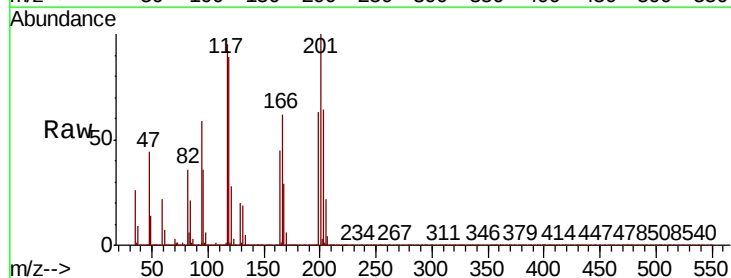
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 43.068 ng
RT: 9.08 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:	117	Resp:	35394
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
201	105.5	77.8	116.6

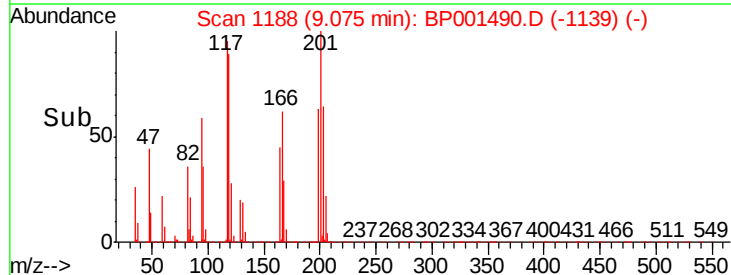
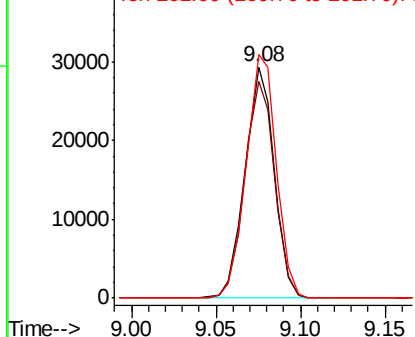


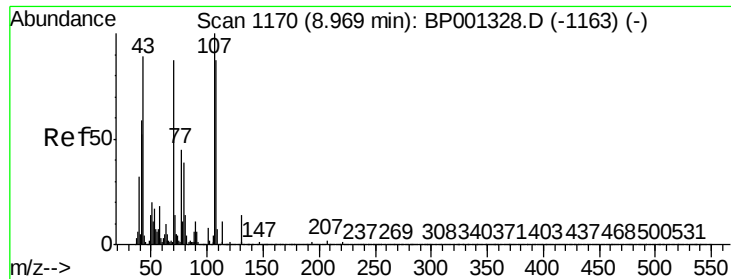
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

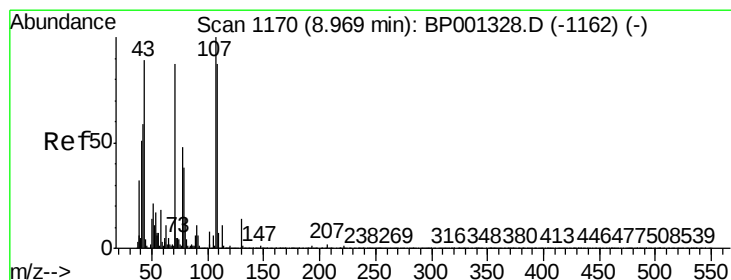
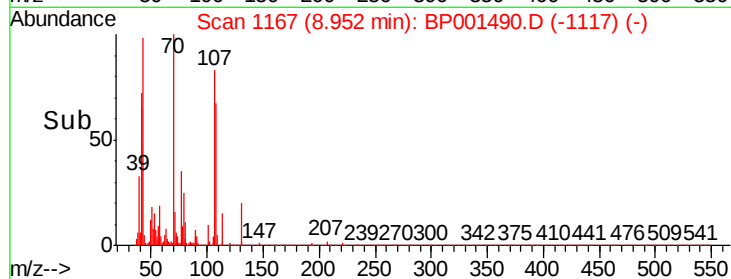
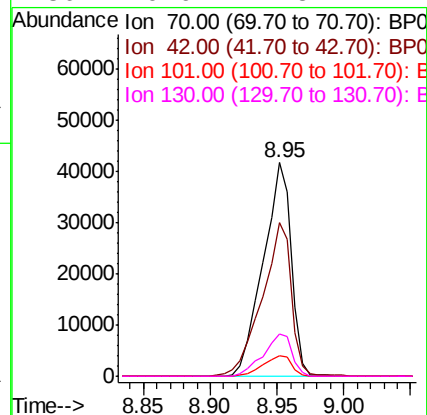
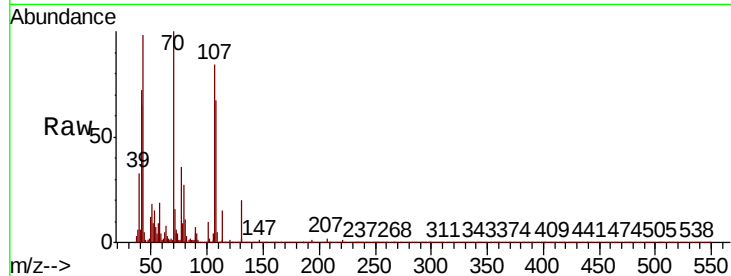




#19
n-Nitroso-di-n-propylamine
Concen: 43.117 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

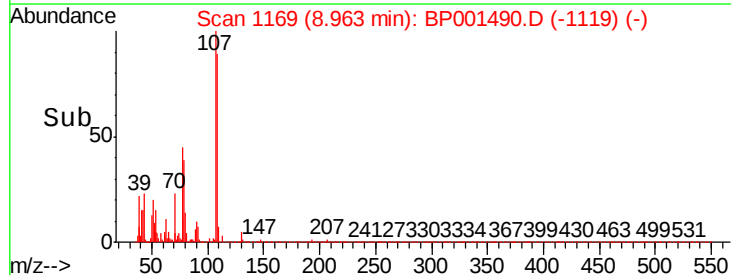
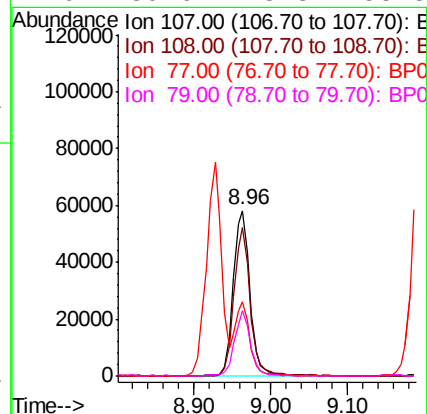
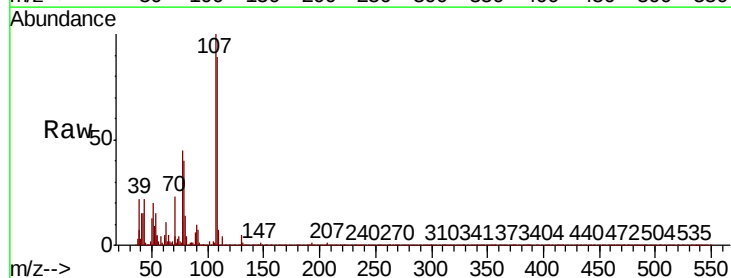
Instrument :
BNA_P
ClientSampleId :

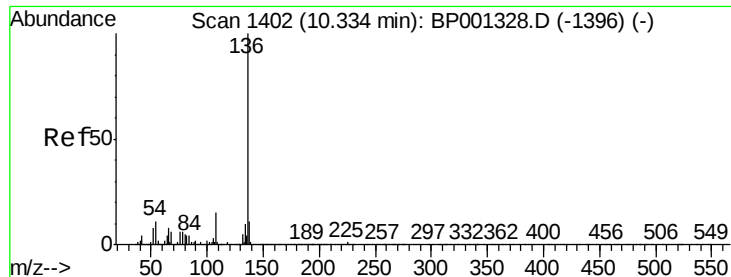
Tot Ion:	70	Resp:	60480
Ion	Ratio	Lower	Upper
70	100		
42	71.9	55.8	83.8
101	9.6	8.2	12.2
130	19.9	14.5	21.7



#20
3+4-Methylphenols
Concen: 49.765 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:	107	Resp:	88837
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.4	110.4
77	45.2	24.5	64.5
79	39.6	18.8	58.8

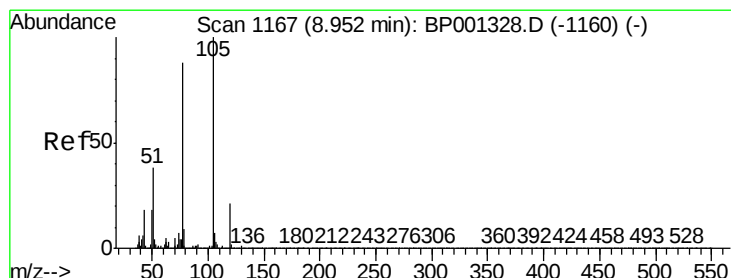
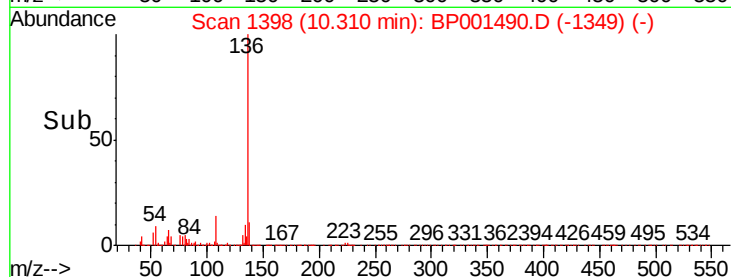
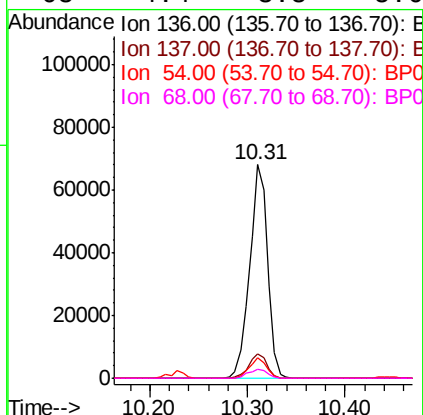
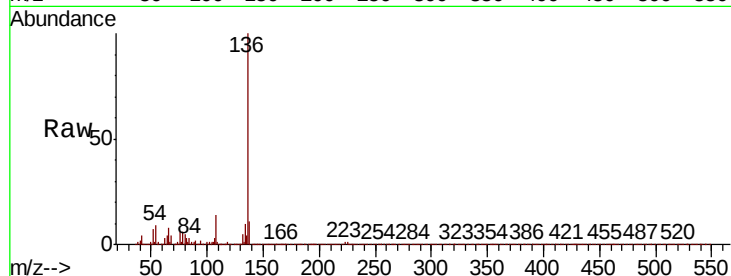




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

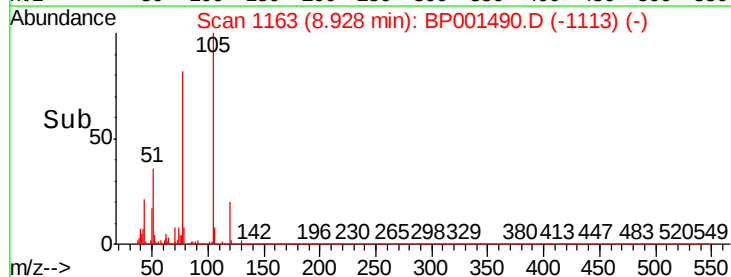
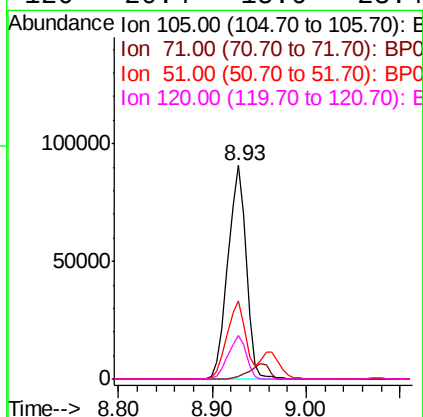
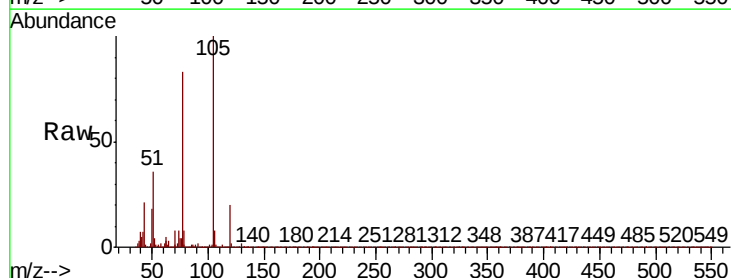
Instrument :
BNA_P
ClientSampleId :

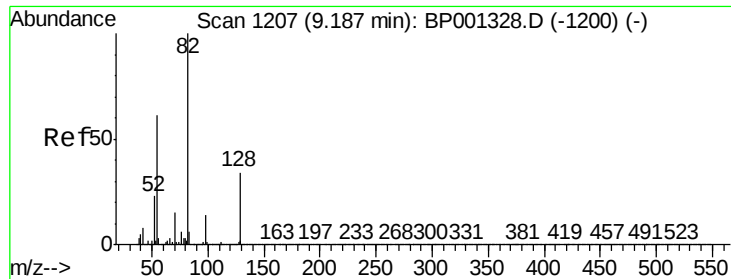
Tot Ion:136	Resp:	87517
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.4
54 9.5	7.3	10.9
68 4.4	3.8	5.6



#22
Acetophenone
Concen: 44.577 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt	Ion:105	Resp:	123367
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.2	0.4#
51	36.4	29.8	44.6
120	20.4	15.6	23.4

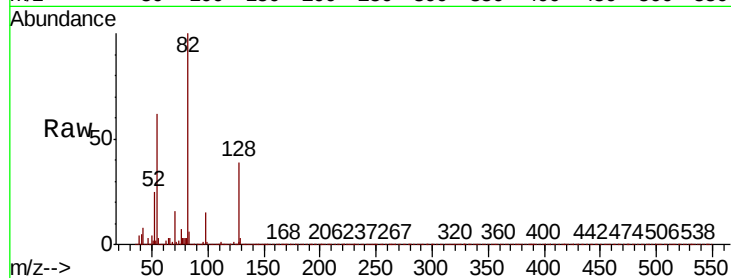




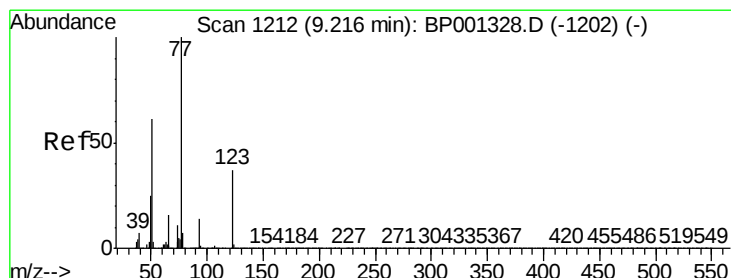
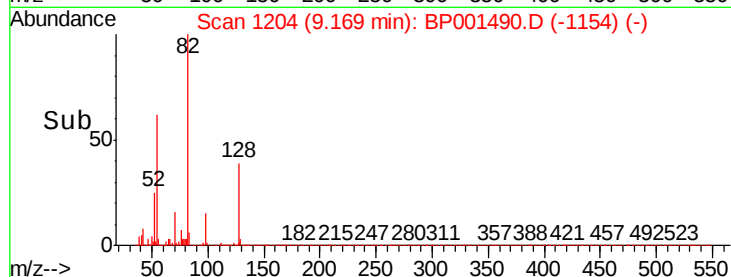
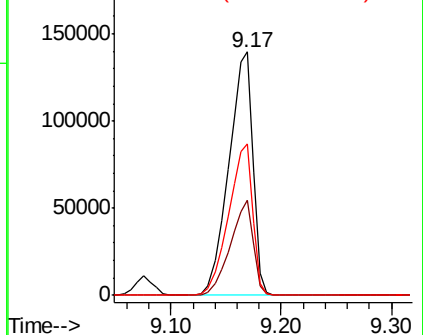
#23
Nitrobenzene-d5
Concen: 93.290 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 82 Resp: 212610
Ion Ratio Lower Upper
82 100
128 39.0 27.4 41.0
54 62.2 47.5 71.3

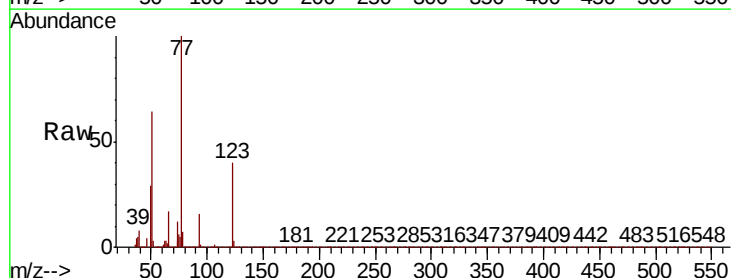


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

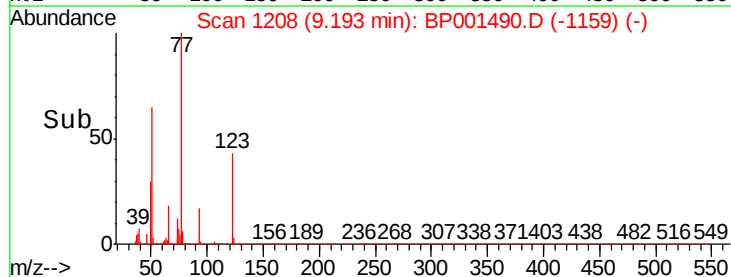
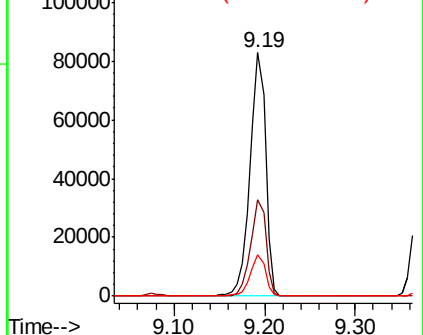


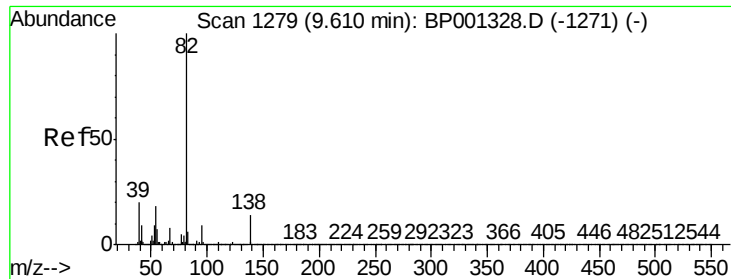
#24
Nitrobenzene
Concen: 43.932 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion: 77 Resp: 98542
Ion Ratio Lower Upper
77 100
123 39.8 30.9 46.3
65 16.8 13.0 19.4



Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BP0

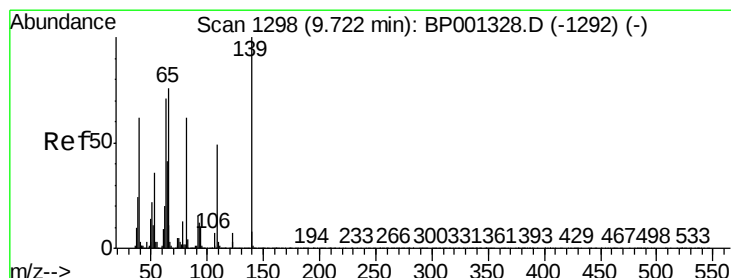
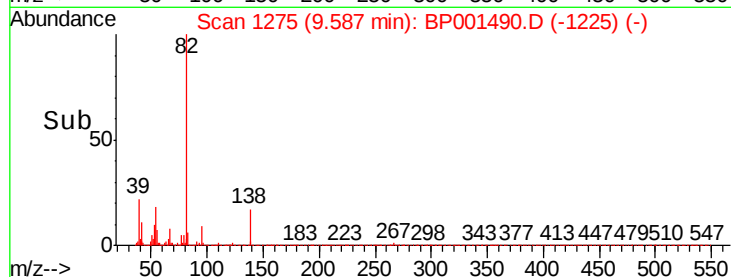
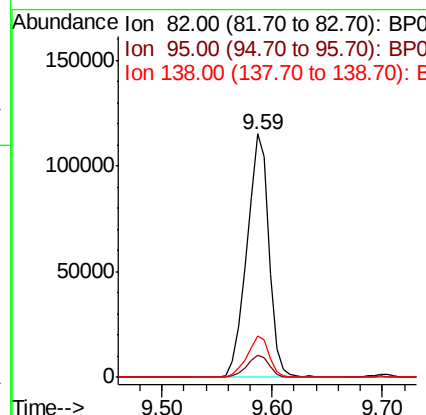
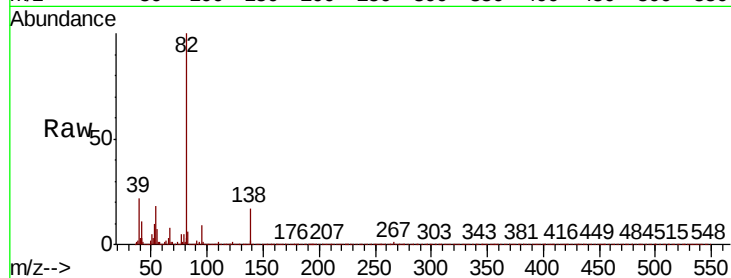




#25
Isophorone
Concen: 44.250 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

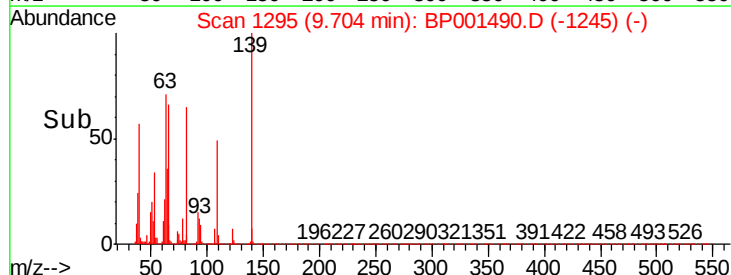
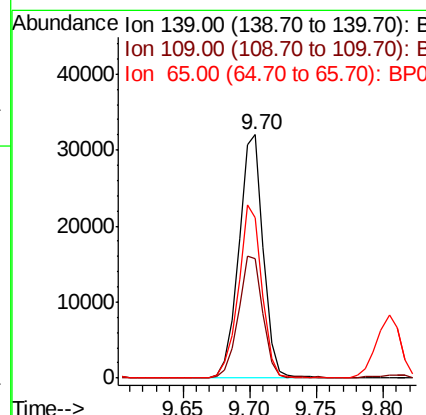
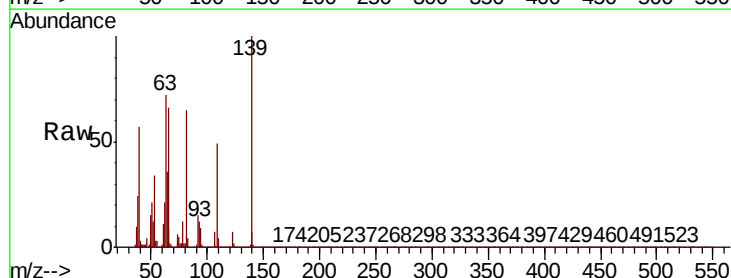
Instrument :
BNA_P
ClientSampleId :

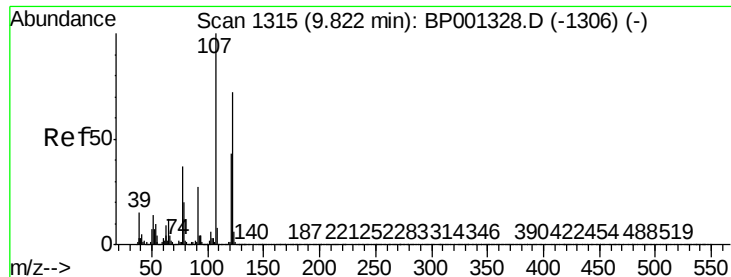
Tot Ion	82	Resp	162154
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.3	10.9
138	17.2	11.9	17.9



#26
2-Nitrophenol
Concen: 50.941 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	139	Resp	40745
Ion Ratio	Lower	Upper	
139	100		
109	49.2	40.5	60.7
65	65.9	56.2	84.4

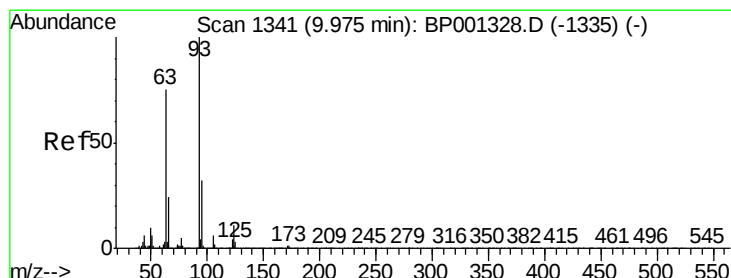
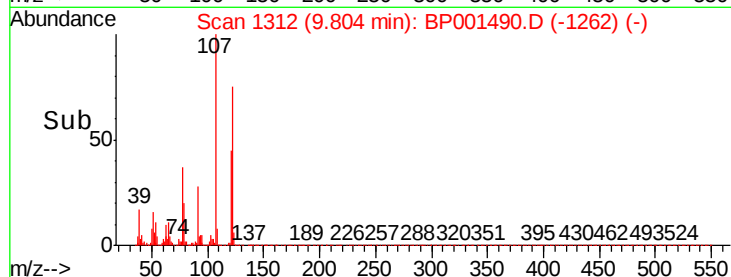
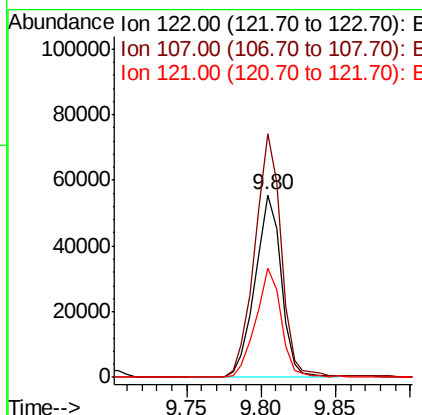
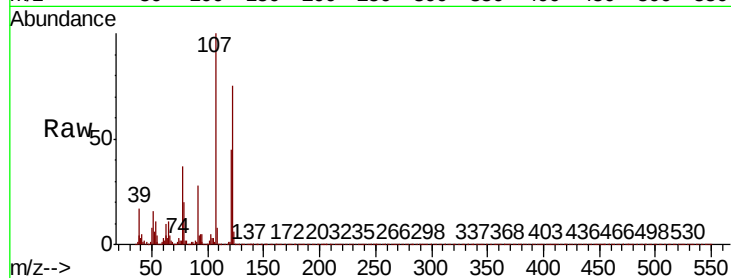




#27
2,4-Dimethylphenol
Concen: 57.023 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

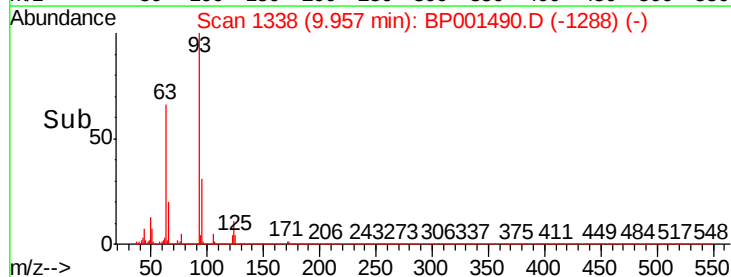
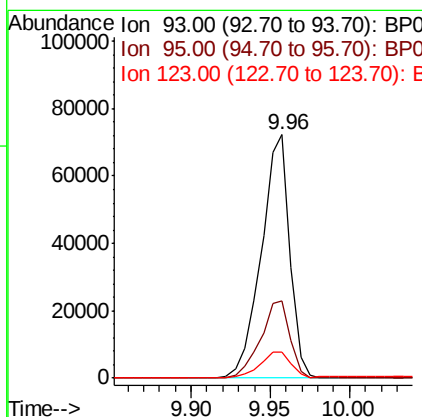
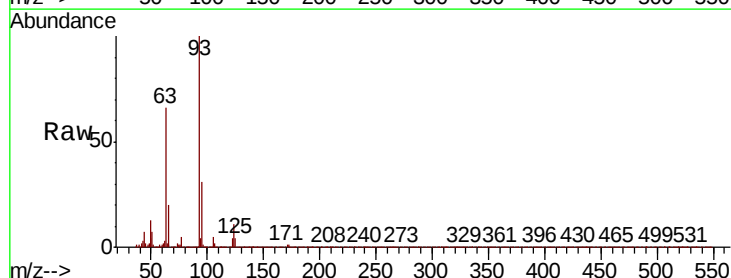
Instrument :
BNA_P
ClientSampleId :

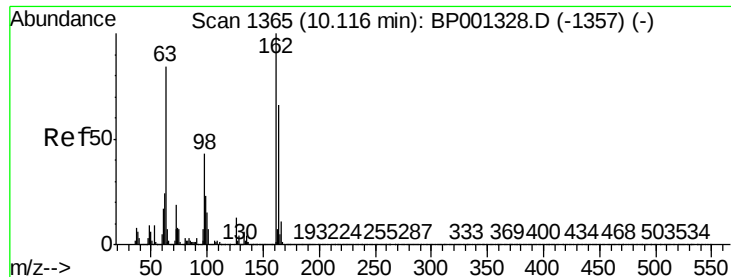
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	106.5	159.7
121	60.0	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.542 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.3	39.5
123	10.8	9.0	13.6

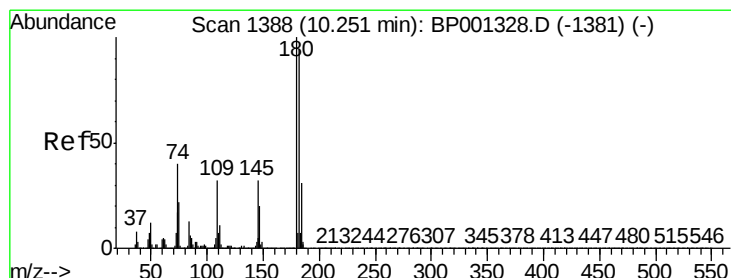
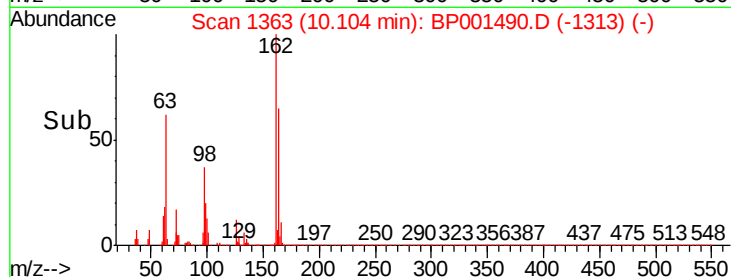
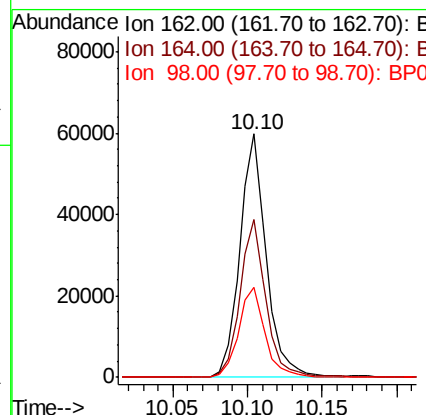
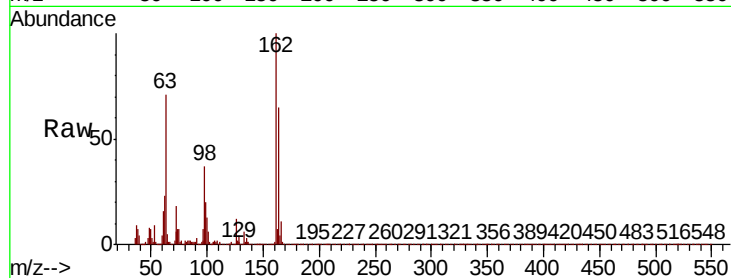




#29
2,4-Dichlorophenol
Concen: 50.702 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

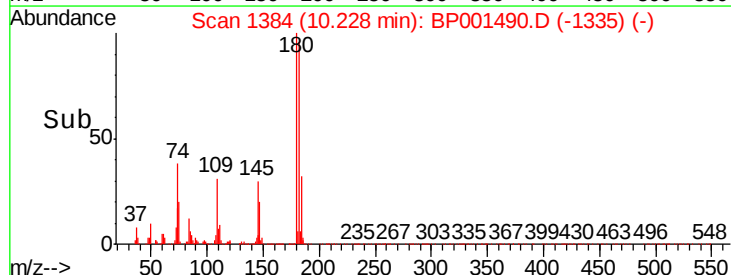
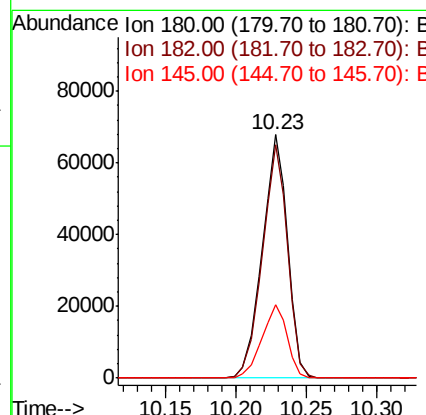
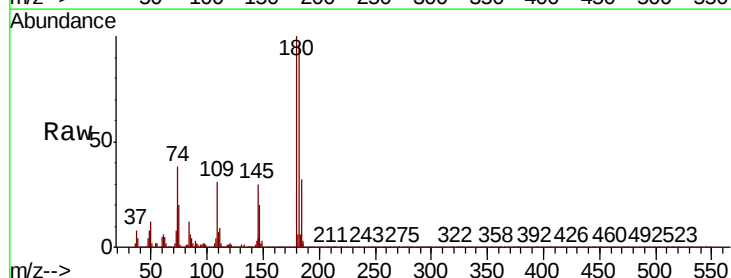
Instrument :
BNA_P
ClientSampleId :

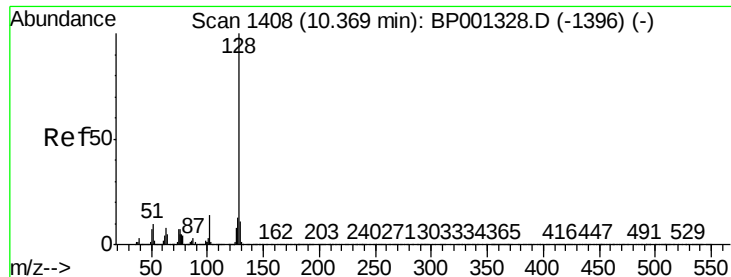
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.8	84.8
98	36.8	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 47.760 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	30.1	23.1	34.7

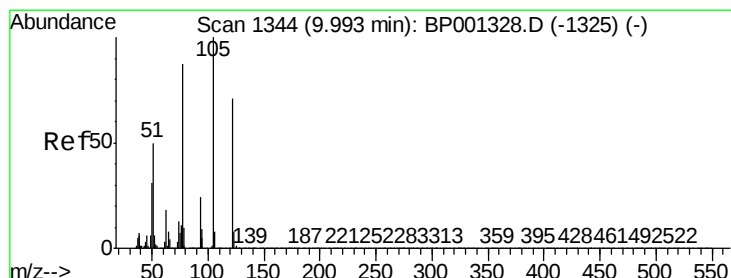
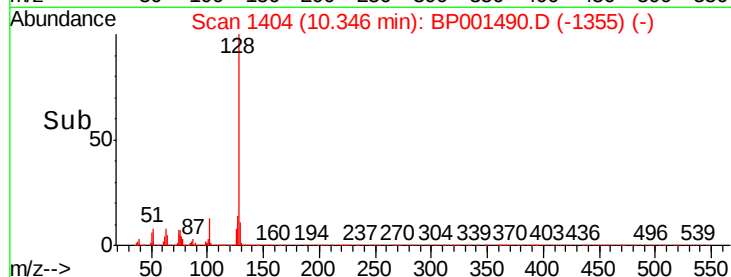
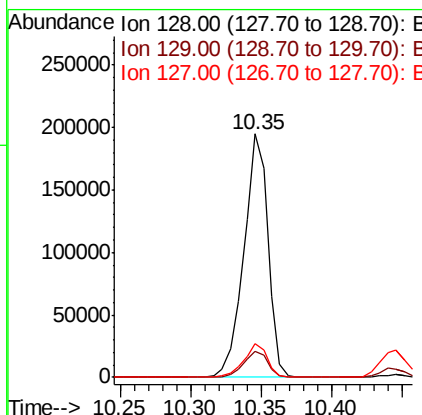
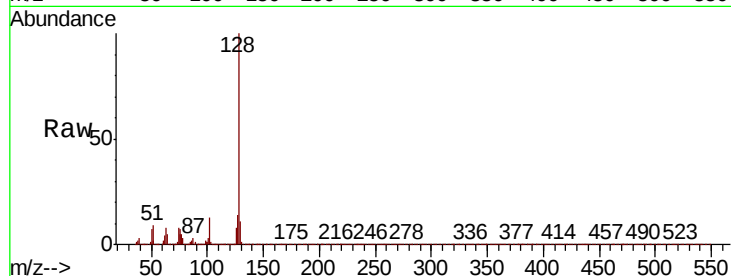




#31
Naphthalene
Concen: 48.671 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

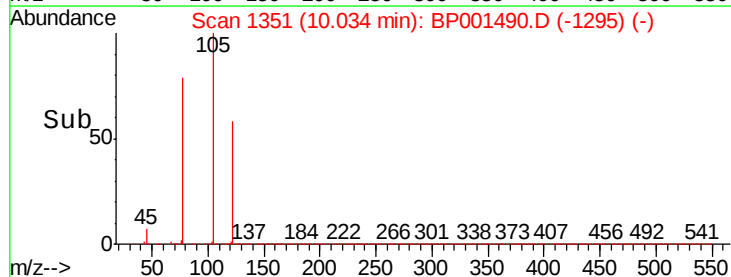
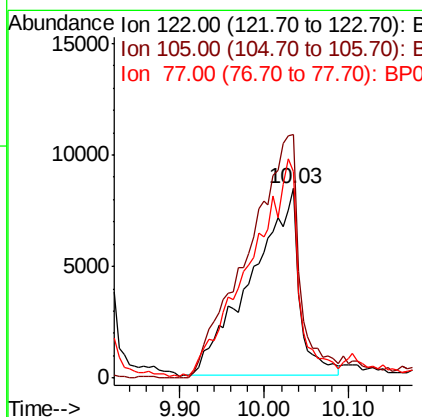
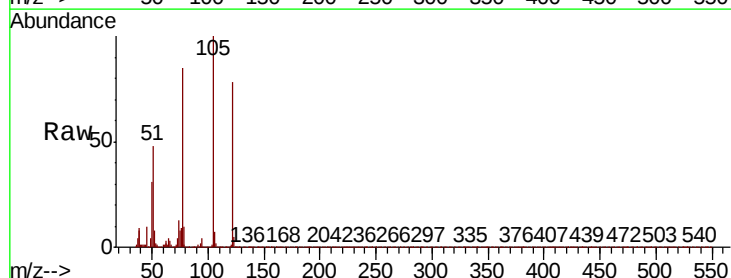
Instrument :
BNA_P
ClientSampleId :

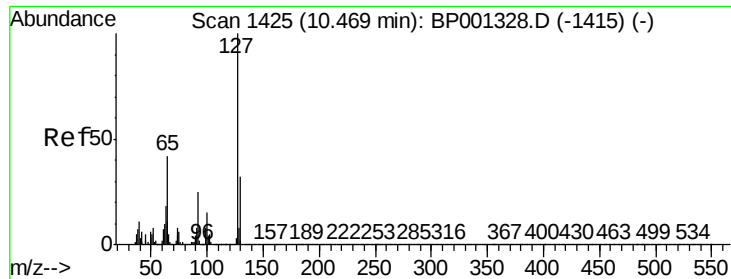
Tot	Ion:128	Resp:	232515
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	14.0	11.0	16.6



#32
Benzoic acid
Concen: 36.154 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.03 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt	Ion:122	Resp:	33071
Ion	Ratio	Lower	Upper
122	100		
105	128.4	117.8	157.8
77	108.7	85.6	125.6

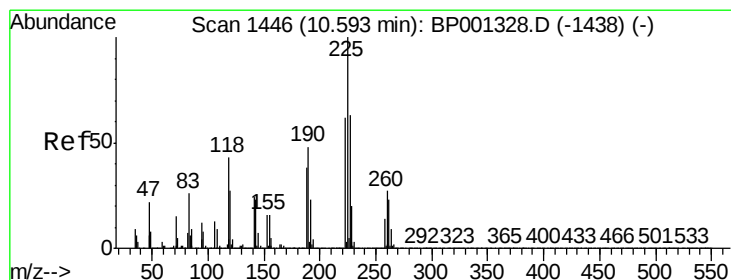
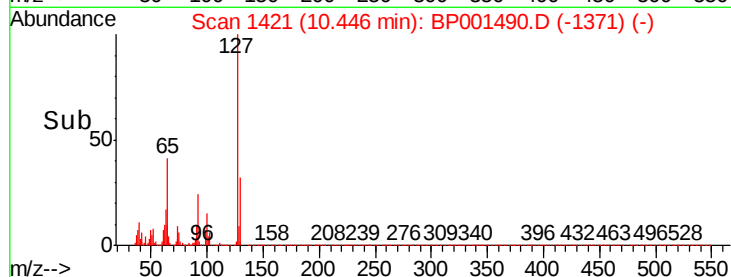
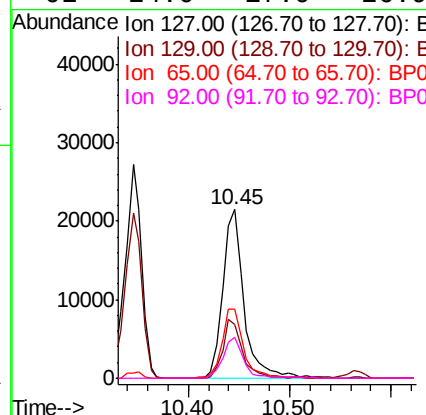
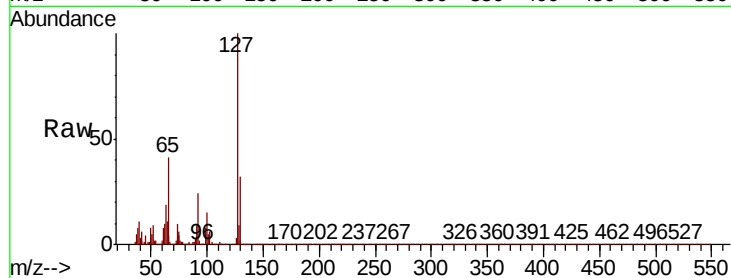




#33
4-Chloroaniline
Concen: 15.935 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

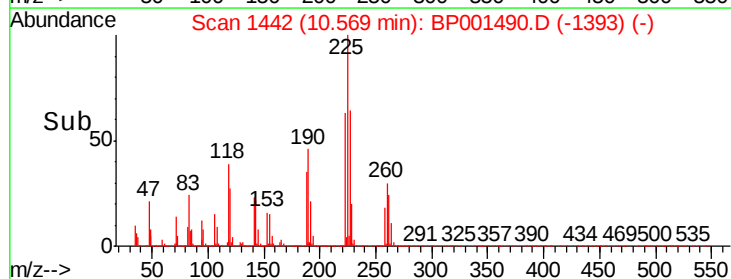
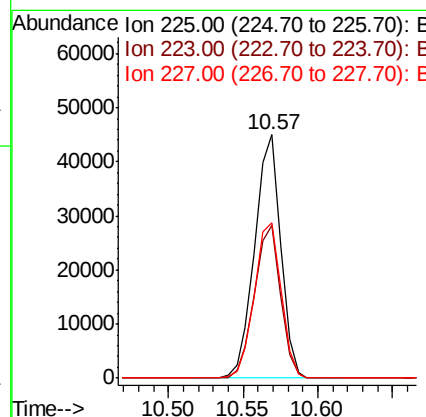
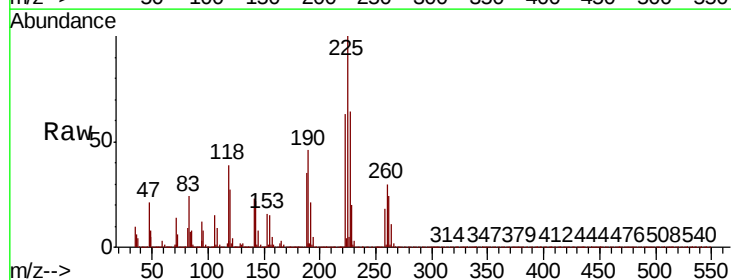
Instrument :
BNA_P
ClientSampled :

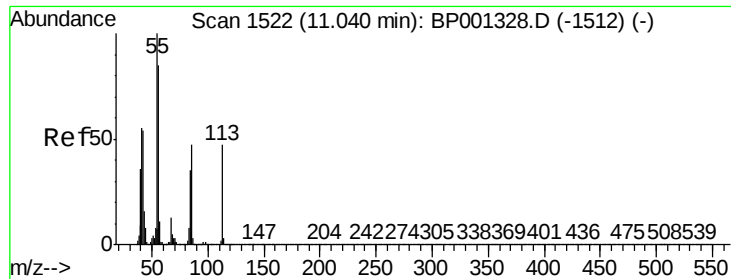
Tot Ion:	127	Resp:	31133
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	41.3	33.9	50.9
92	24.0	17.9	26.9



#34
Hexachlorobutadiene
Concen: 43.173 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:	225	Resp:	53953
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.0
227	63.9	57.0	85.4

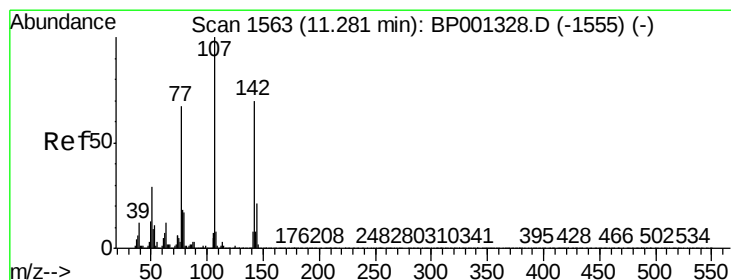
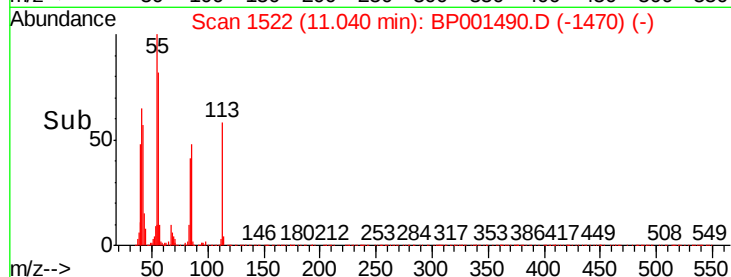
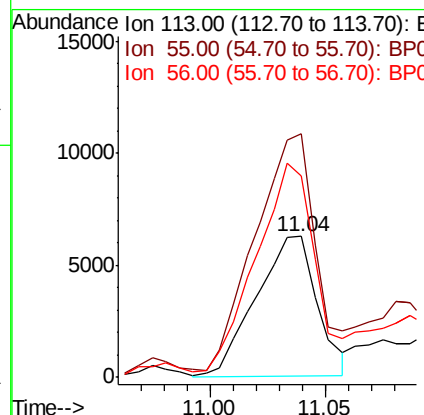
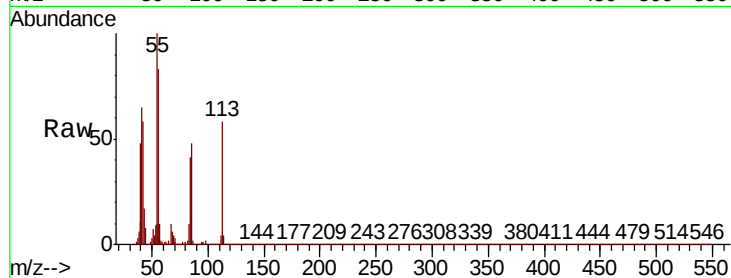




#35
Caprolactam
Concen: 26.451 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

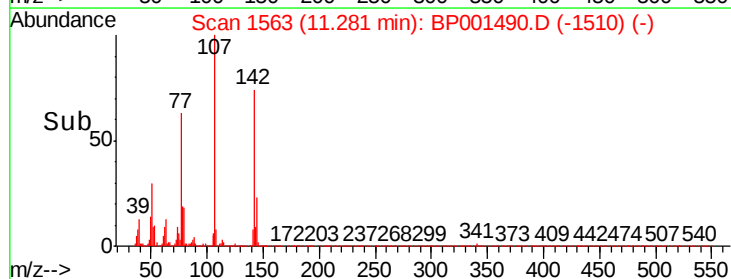
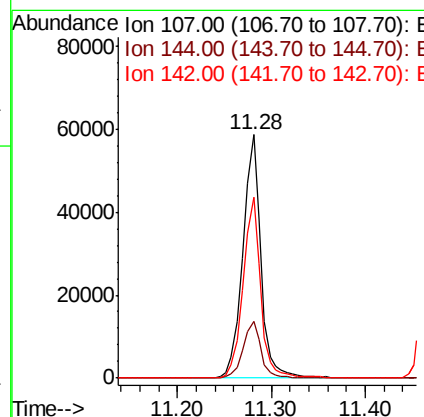
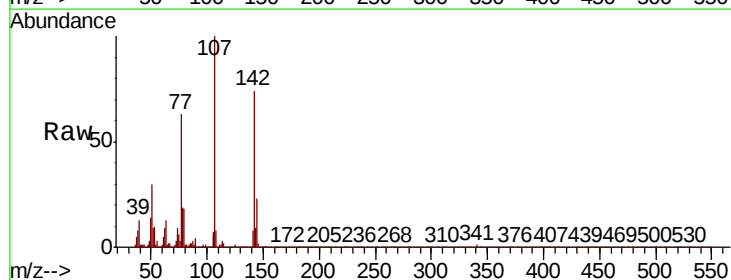
Instrument :
BNA_P
ClientSampleId :

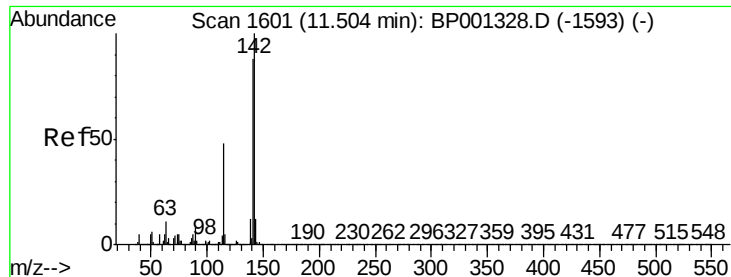
Tot Ion:113 Resp: 11465
Ion Ratio Lower Upper
113 100
55 172.9 164.2 204.2
56 142.7 130.8 170.8



#36
4-Chloro-3-methylphenol
Concen: 46.021 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:107 Resp: 78338
Ion Ratio Lower Upper
107 100
144 23.3 17.8 26.8
142 74.2 56.2 84.4

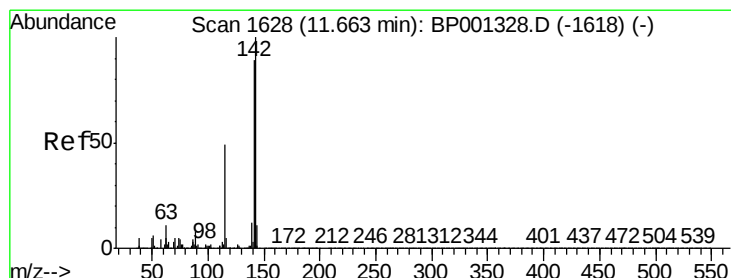
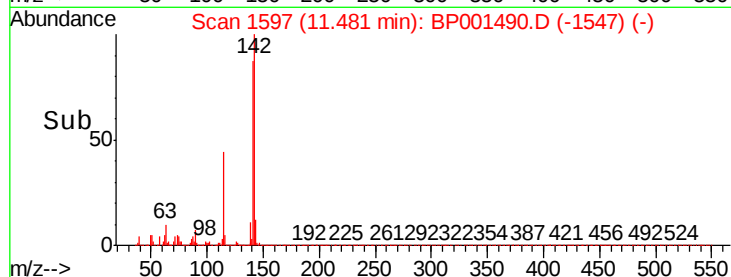
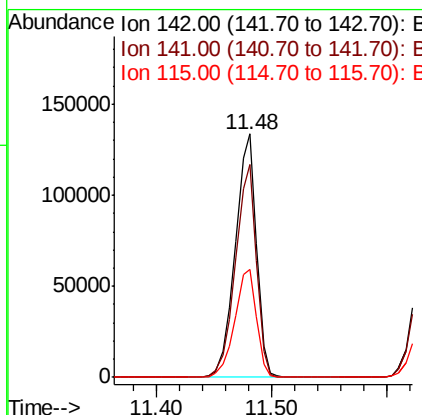
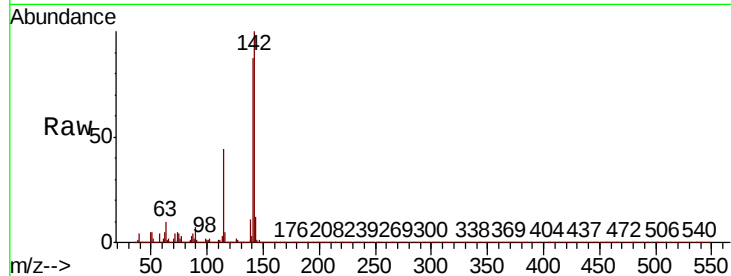




#37
2-Methylnaphthalene
Concen: 51.374 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

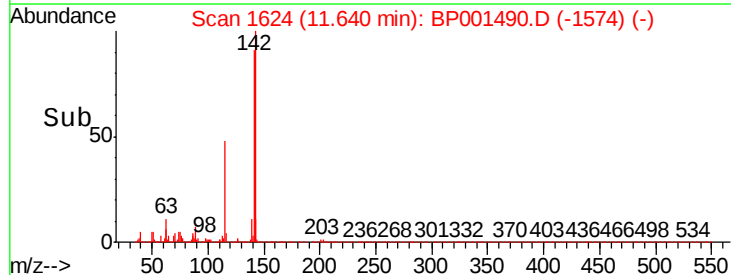
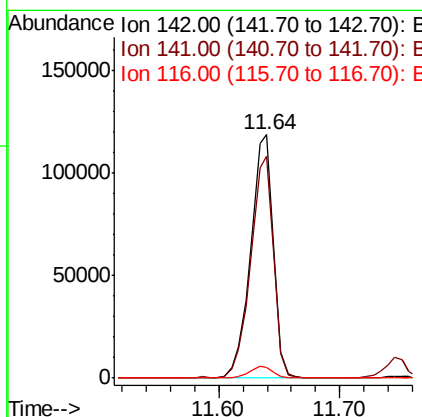
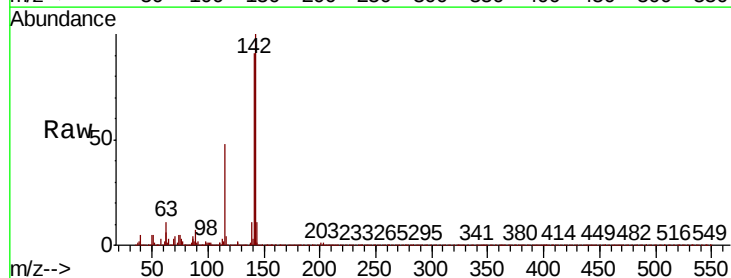
Instrument :
BNA_P
ClientSampleId :

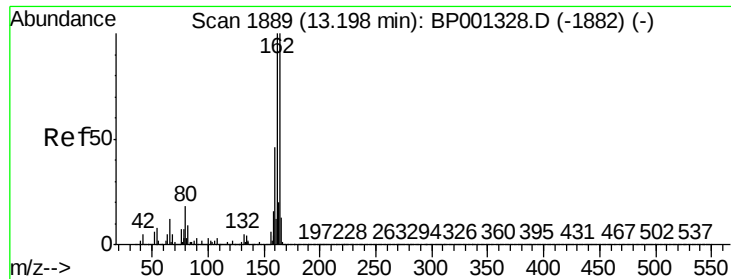
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.2
115	44.3	37.0	55.4



#38
1-Methylnaphthalene
Concen: 50.142 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.9	109.3
116	4.4	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampled :

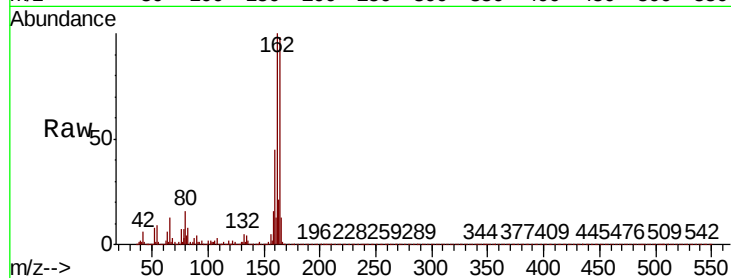
Tot Ion:164 Resp: 52569

Ion Ratio Lower Upper

164 100

162 102.3 78.2 117.4

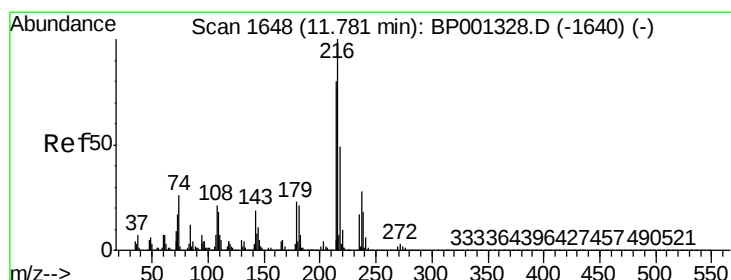
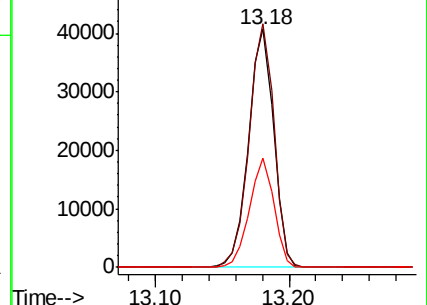
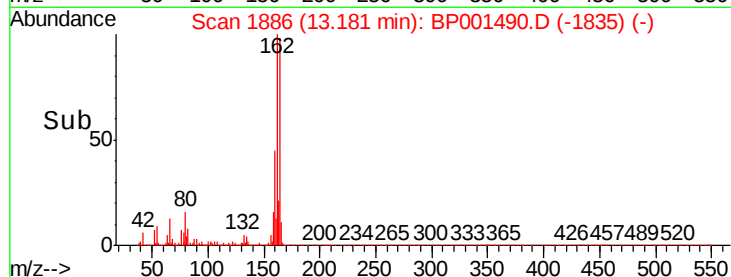
160 45.7 35.1 52.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.031 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Tgt Ion:216 Resp: 95303

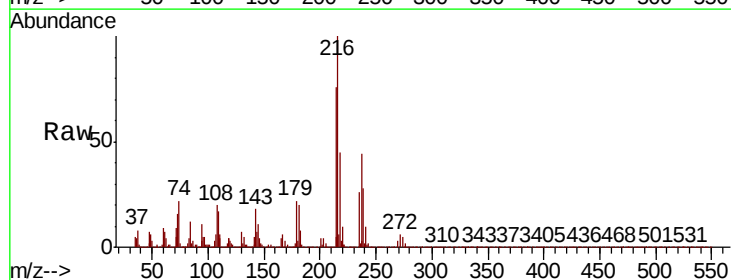
Ion Ratio Lower Upper

216 100

214 78.3 62.1 93.1

179 21.2 17.1 25.7

108 23.5 16.0 24.0

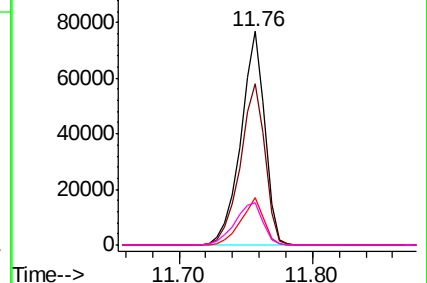
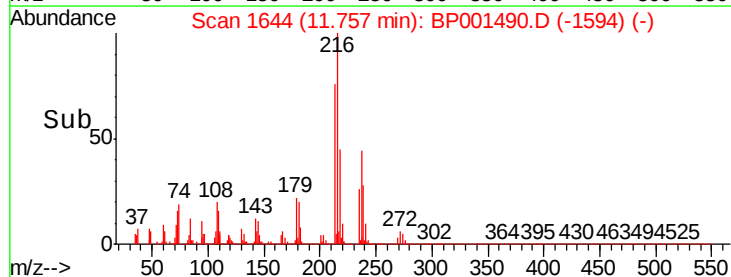


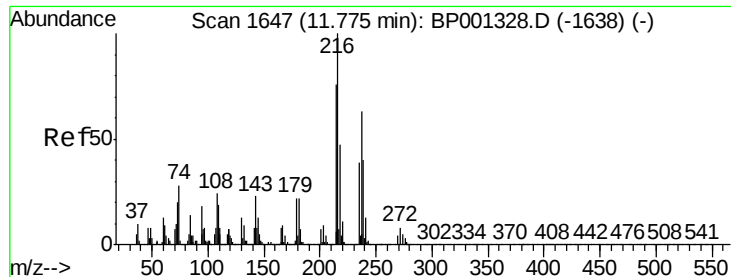
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.062 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

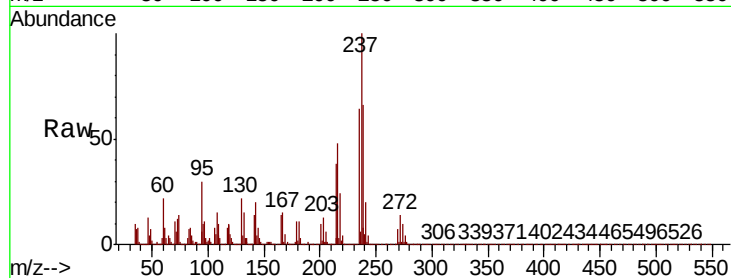
Tot Ion:237 Resp: 95234

Ion Ratio Lower Upper

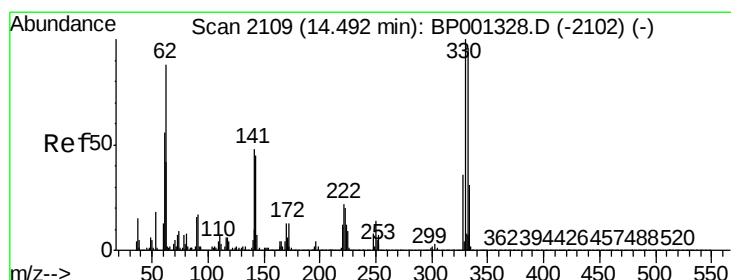
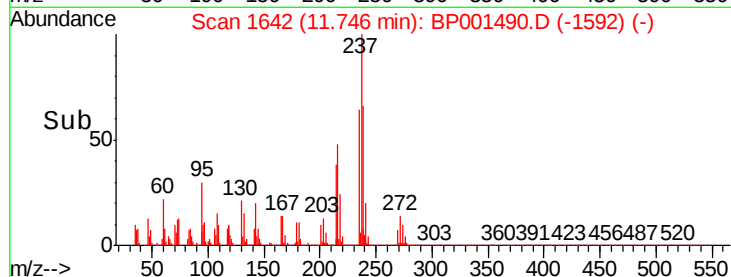
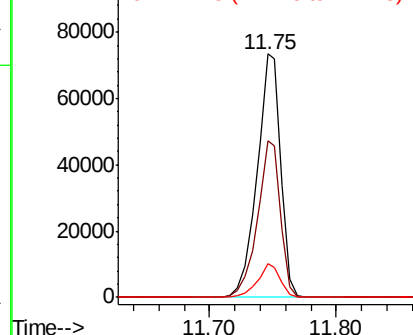
237 100

235 64.5 42.8 82.8

272 13.7 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 171.397 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

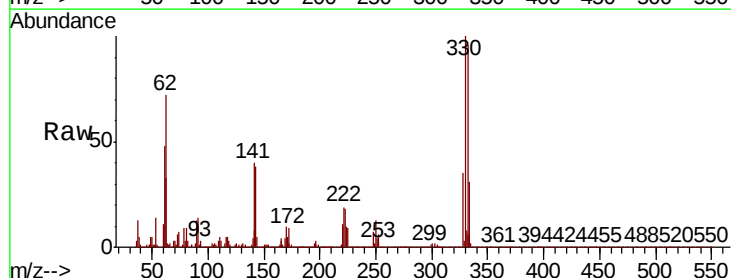
Tgt Ion:330 Resp: 112648

Ion Ratio Lower Upper

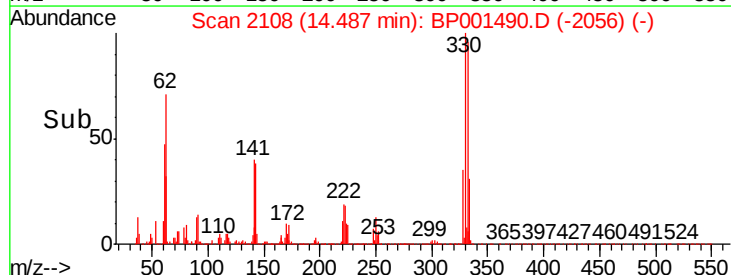
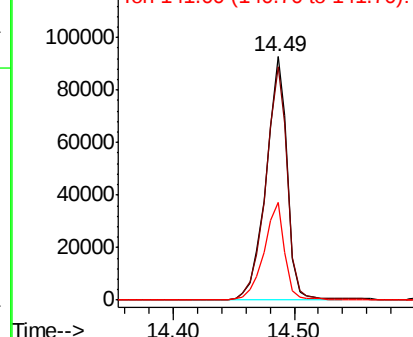
330 100

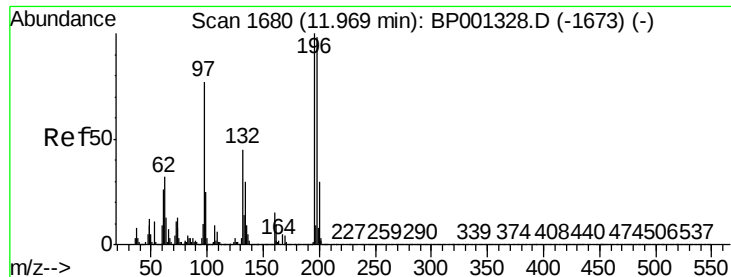
332 98.4 78.3 117.5

141 39.7 26.8 40.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

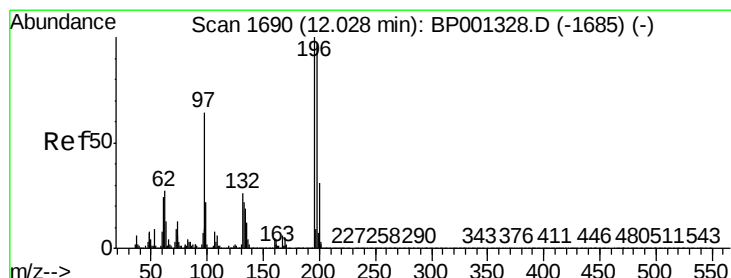
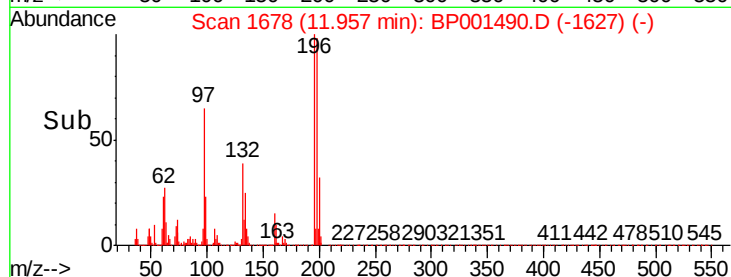
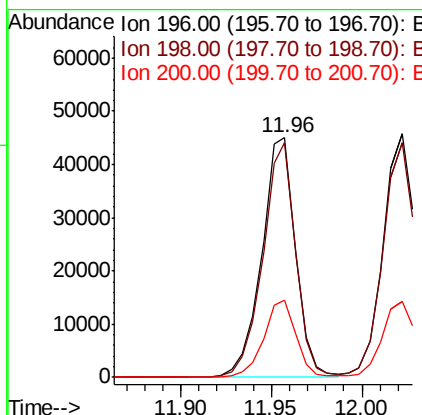
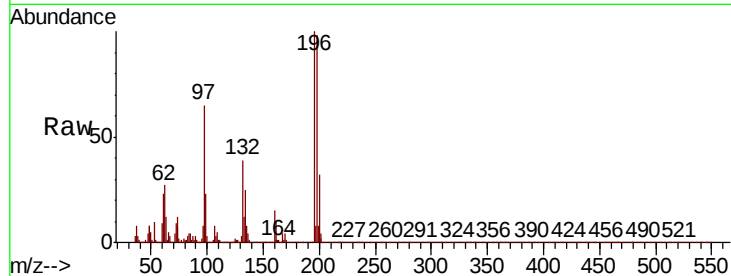




#43
2,4,6-Trichlorophenol
Concen: 48.947 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

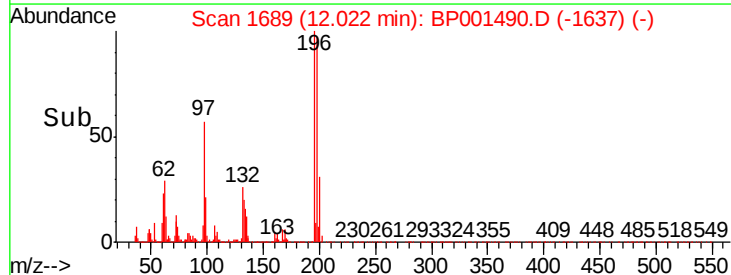
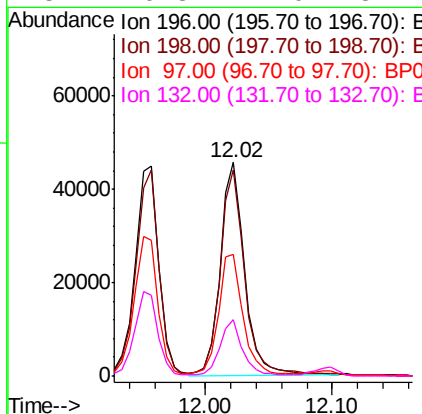
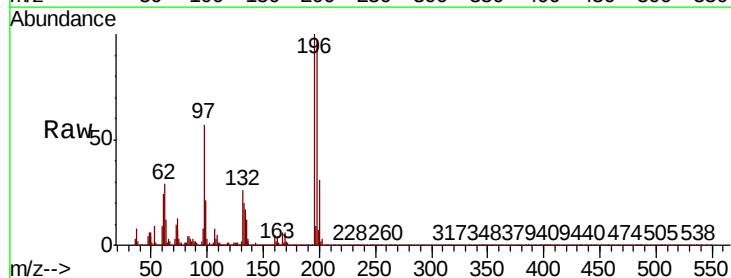
Instrument :
BNA_P
ClientSampleId :

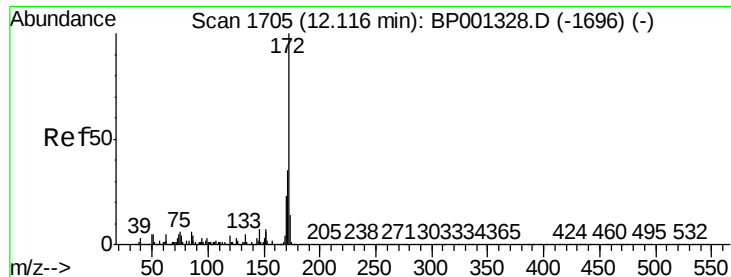
Tot Ion:196 Resp: 58511
Ion Ratio Lower Upper
196 100
198 97.9 77.2 115.8
200 32.0 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 49.203 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:196 Resp: 60432
Ion Ratio Lower Upper
196 100
198 96.6 75.8 113.6
97 56.9 46.1 69.1
132 26.3 21.0 31.4

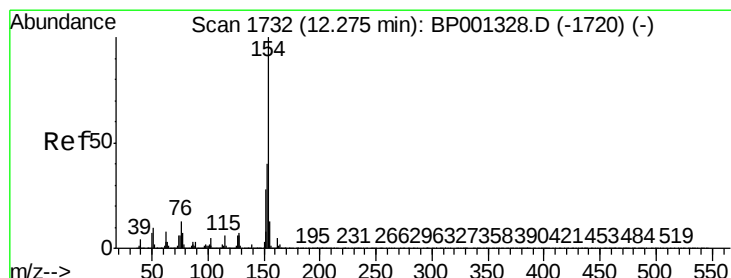
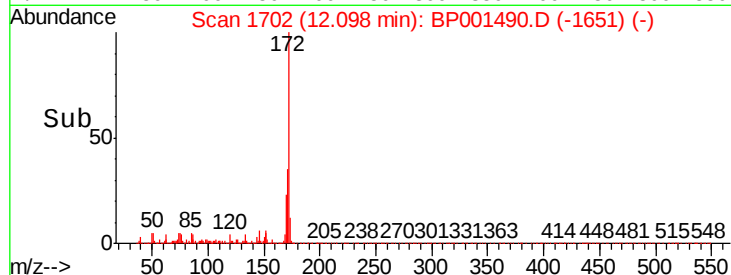
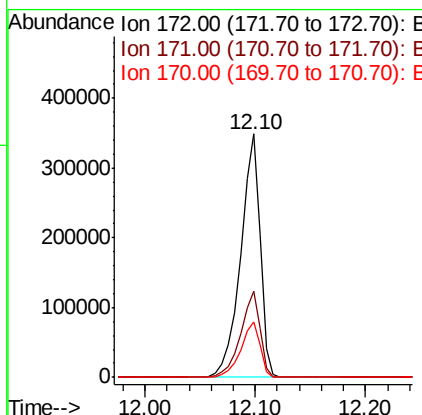
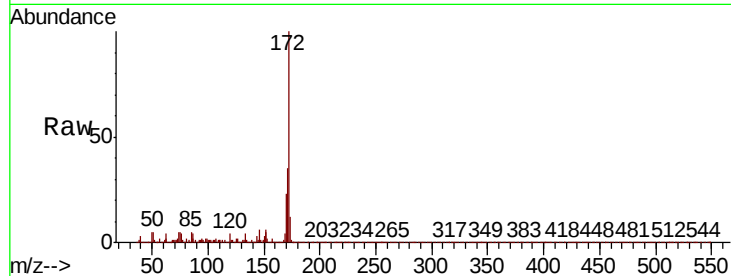




#45
2-Fluorobiphenyl
Concen: 104.139 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

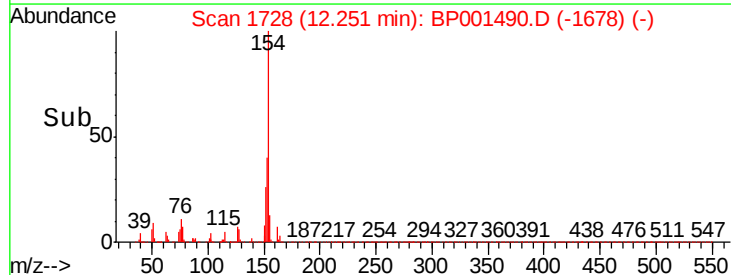
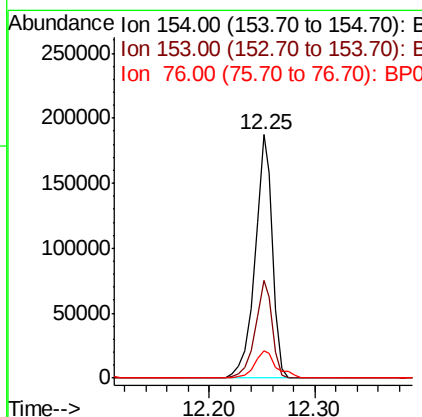
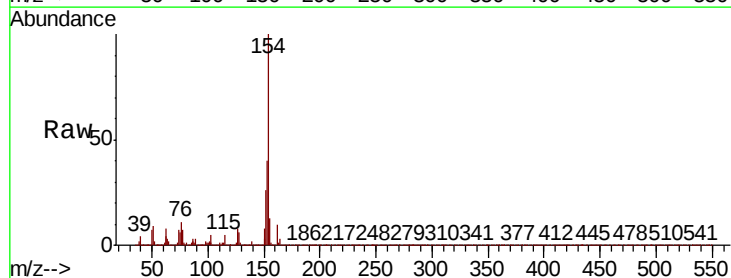
Instrument :
BNA_P
ClientSampleId :

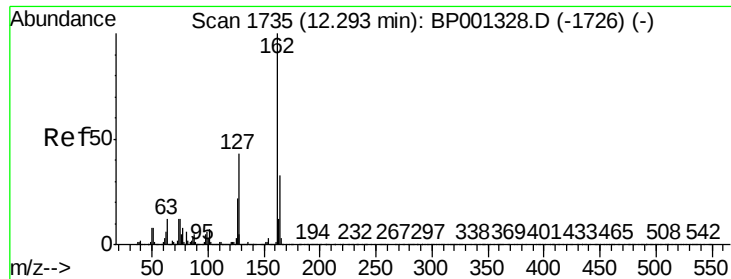
Tot Ion:172 Resp: 432942
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 22.6 18.2 27.4



#46
1,1'-Biphenyl
Concen: 49.165 ng
RT: 12.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:154 Resp: 216283
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 11.1 0.0 31.5

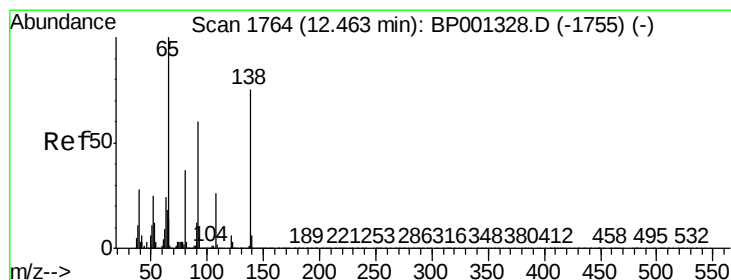
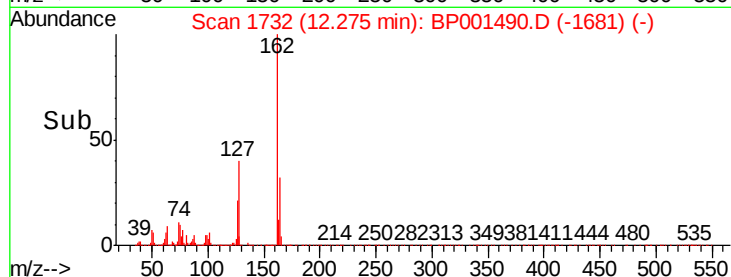
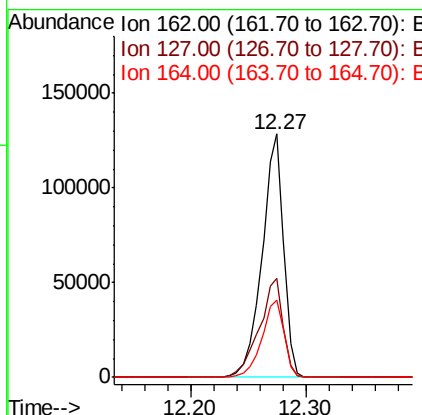
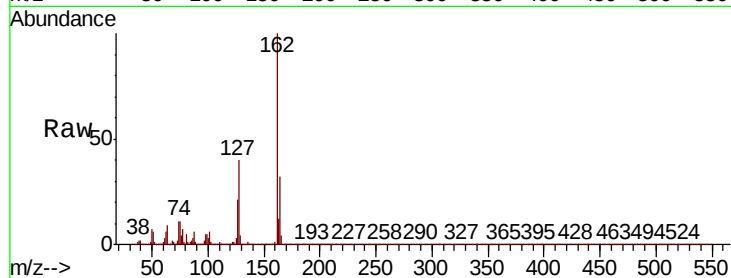




#47
2-Chloronaphthalene
Concen: 46.982 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

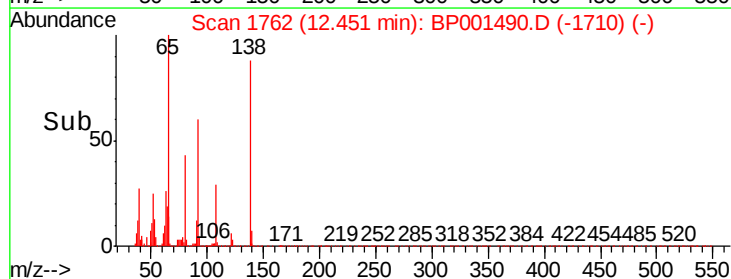
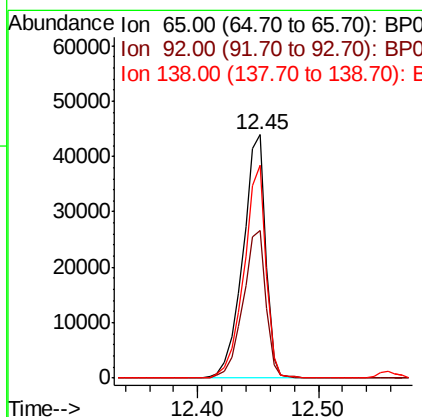
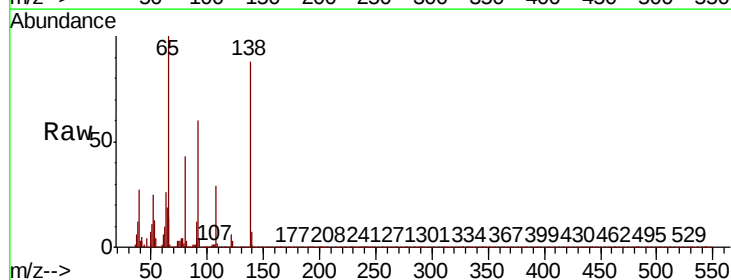
Instrument :
BNA_P
ClientSampleId :

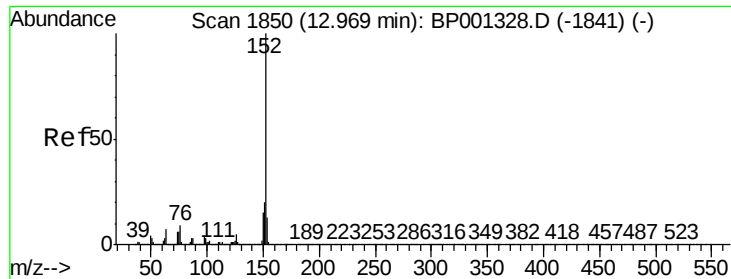
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.4	50.2
164	31.9	26.0	39.0



#48
2-Nitroaniline
Concen: 40.700 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	48.9	73.3
138	87.6	65.1	97.7





#49

Acenaphthylene

Concen: 49.157 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

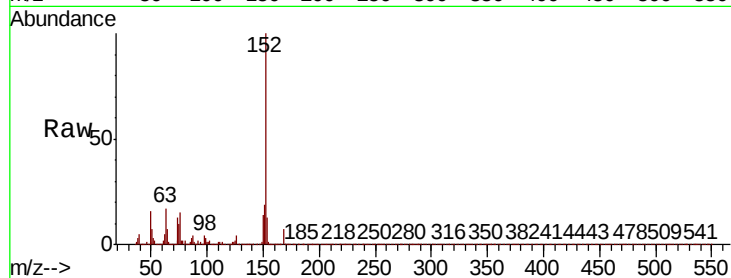
Tot Ion:152 Resp: 255553

Ion Ratio Lower Upper

152 100

151 19.1 15.6 23.4

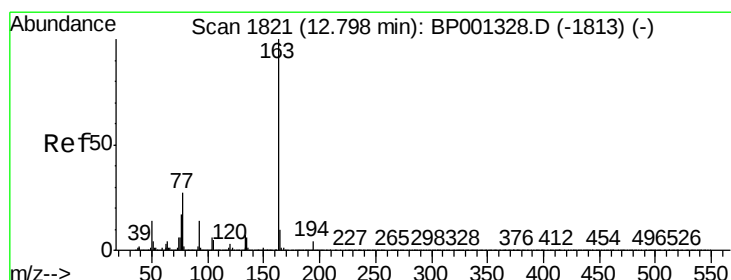
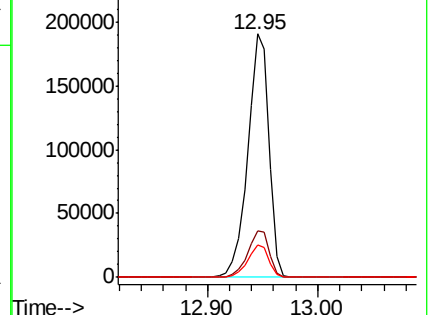
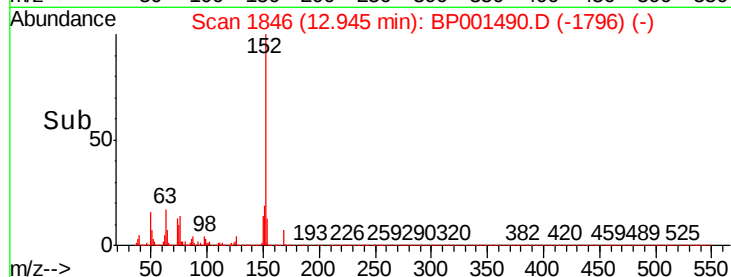
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.841 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

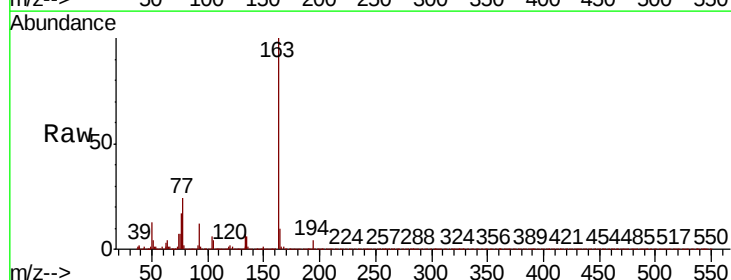
Tgt Ion:163 Resp: 240825

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

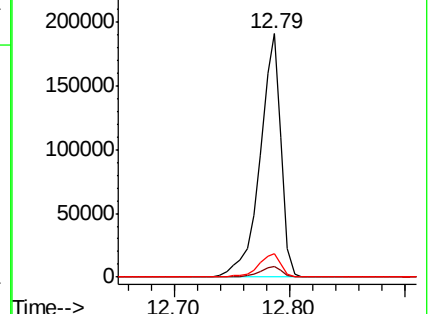
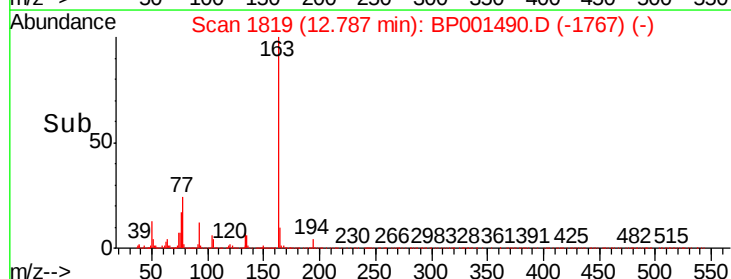
164 9.6 7.7 11.5

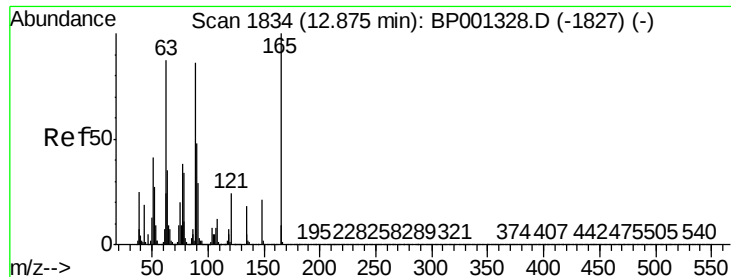


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

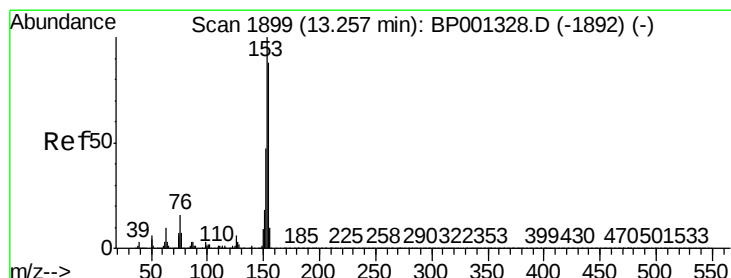
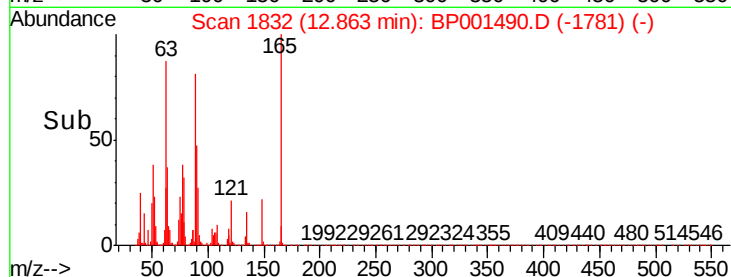
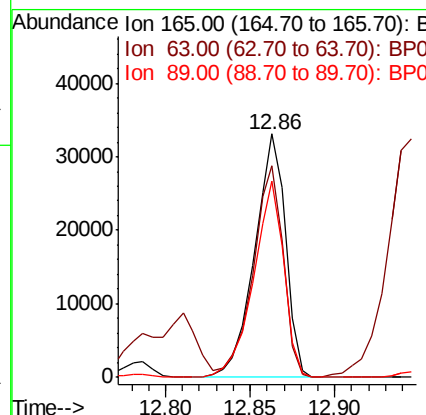
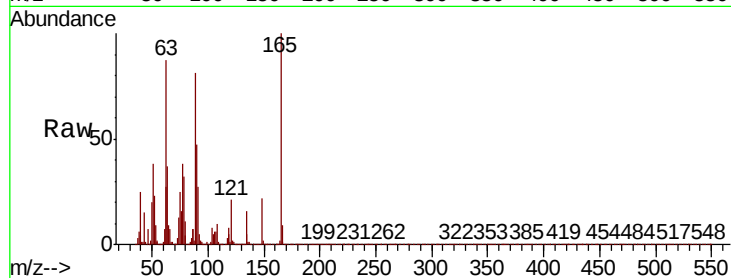




#51
 2,6-Dinitrotoluene
 Concen: 48.180 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

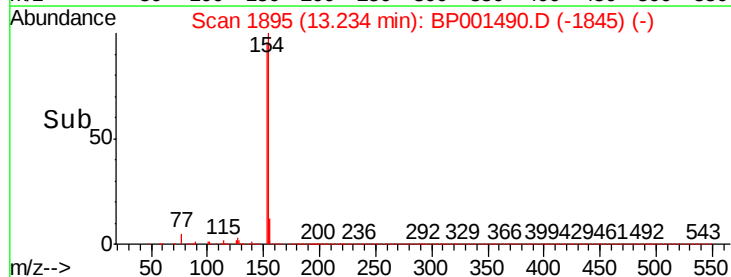
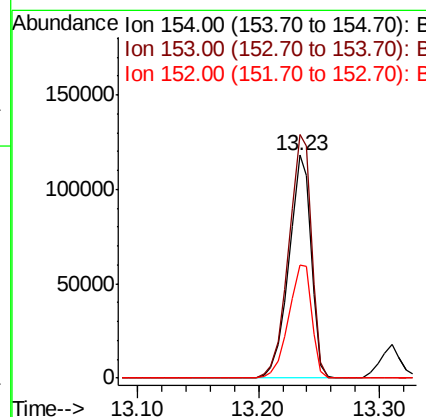
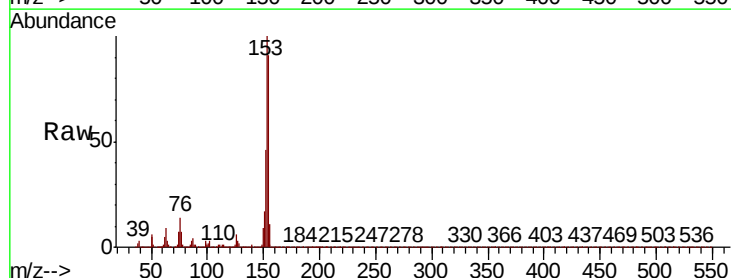
Instrument :
 BNA_P
 ClientSampleId :

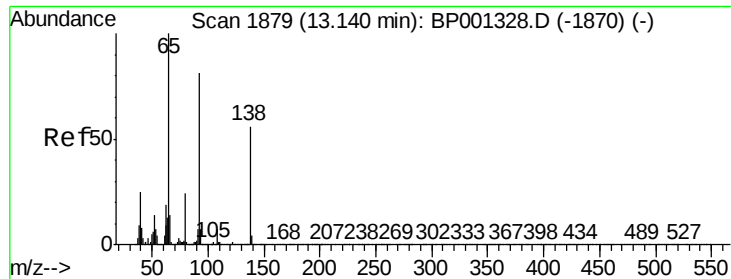
Tot Ion:165 Resp: 42191
 Ion Ratio Lower Upper
 165 100
 63 87.0 60.7 91.1
 89 80.7 55.4 83.0



#52
 Acenaphthene
 Concen: 47.756 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

Tgt Ion:154 Resp: 149584
 Ion Ratio Lower Upper
 154 100
 153 109.4 90.1 135.1
 152 50.9 41.8 62.6

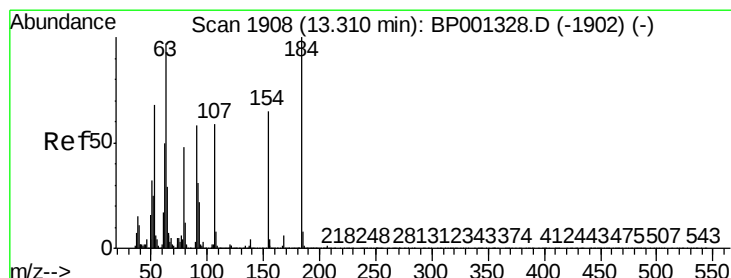
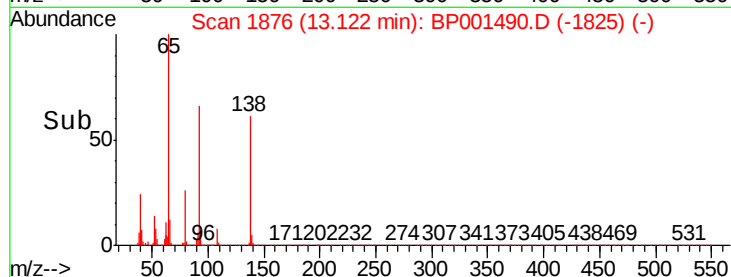
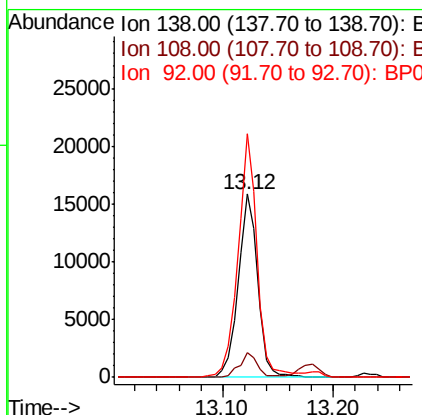
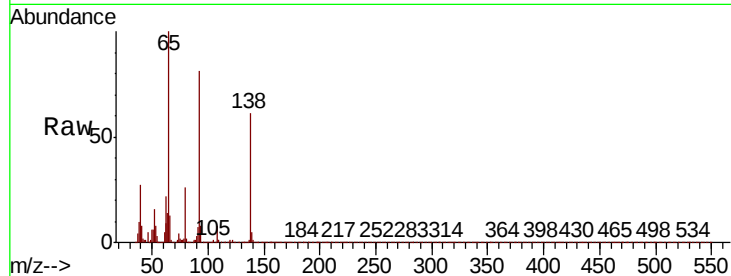




#53
3-Nitroaniline
Concen: 20.937 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

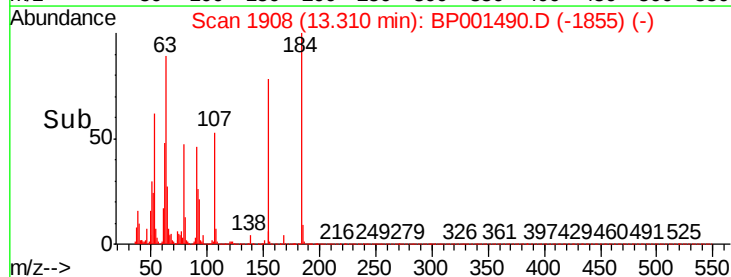
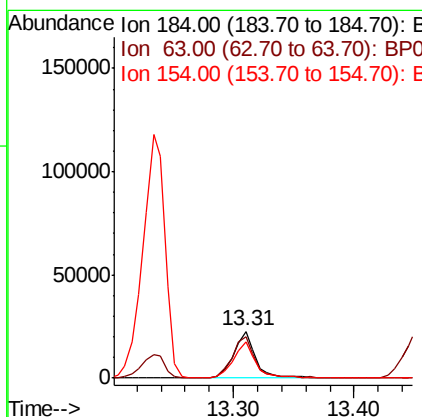
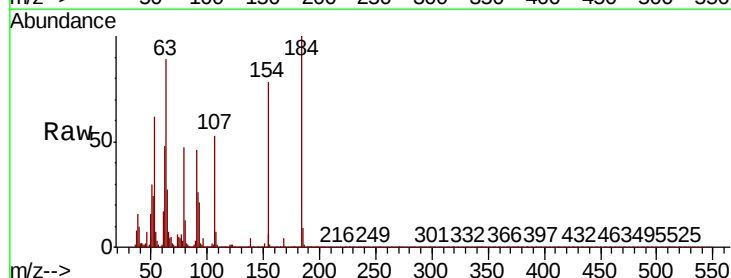
Instrument :
BNA_P
ClientSampled :

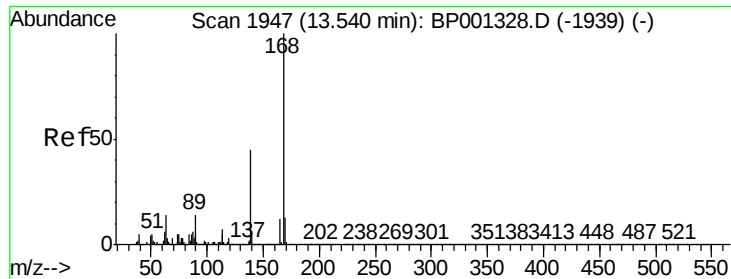
Tot Ion:138 Resp: 19679
Ion Ratio Lower Upper
138 100
108 13.3 10.0 15.0
92 132.8 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 84.372 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:184 Resp: 28530
Ion Ratio Lower Upper
184 100
63 89.1 69.5 104.3
154 78.3 58.5 87.7





#55

Dibenzofuran

Concen: 49.862 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

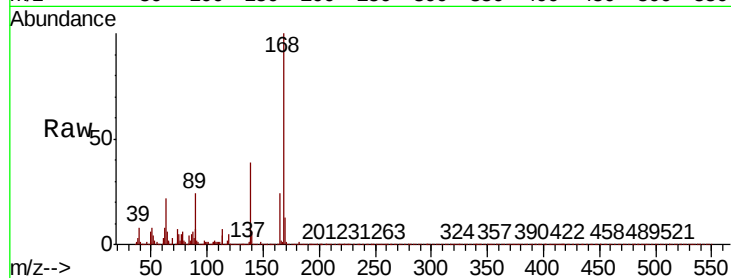
Tot Ion:168 Resp: 244706

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.4

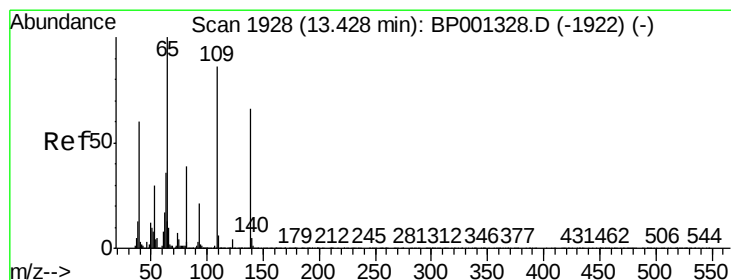
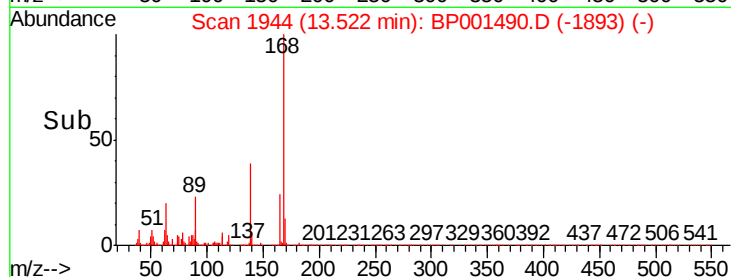
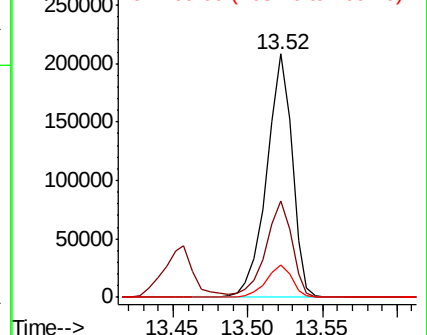
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.021 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.03 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

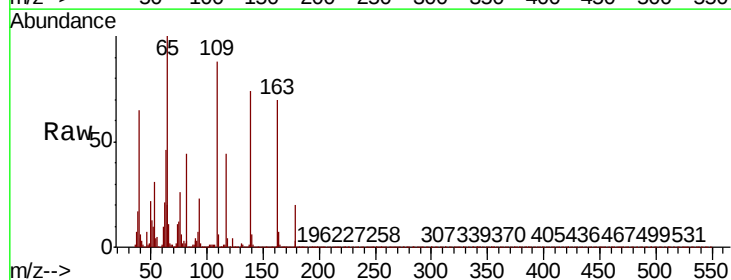
Tgt Ion:139 Resp: 62519

Ion Ratio Lower Upper

139 100

109 119.2 99.7 139.7

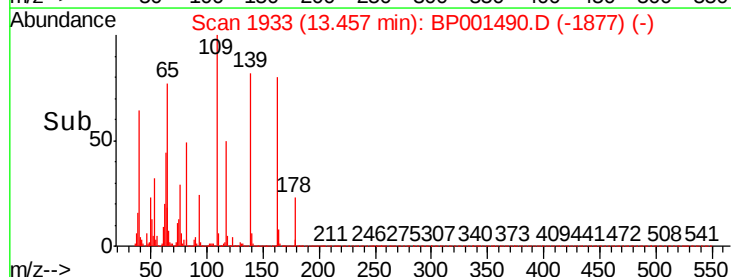
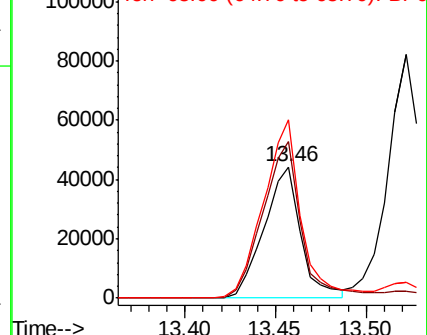
65 135.5 115.0 155.0

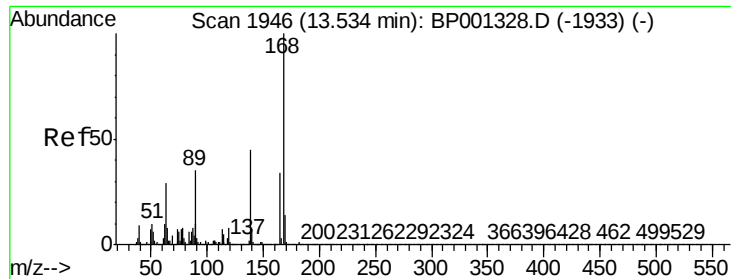


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

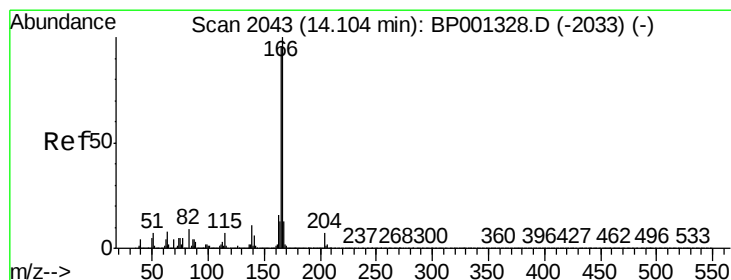
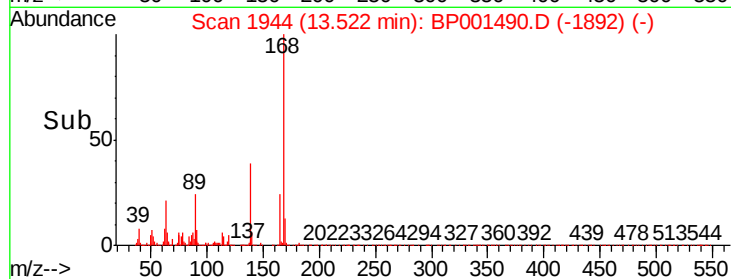
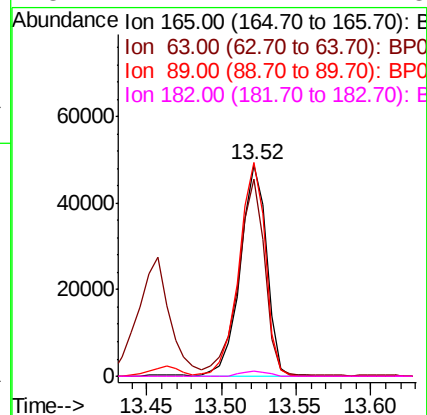
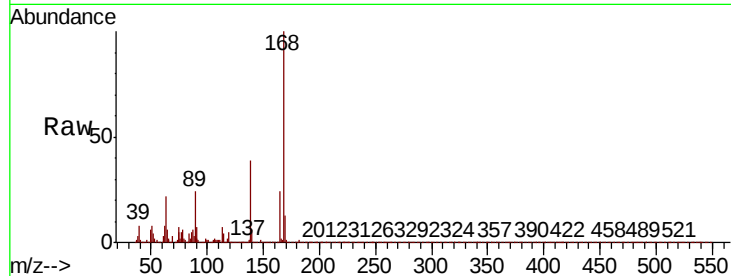




#57
2,4-Dinitrotoluene
Concen: 49.613 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

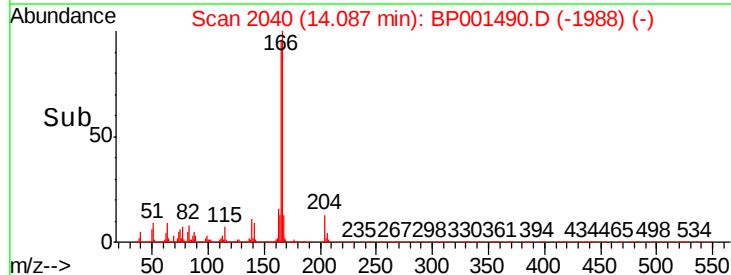
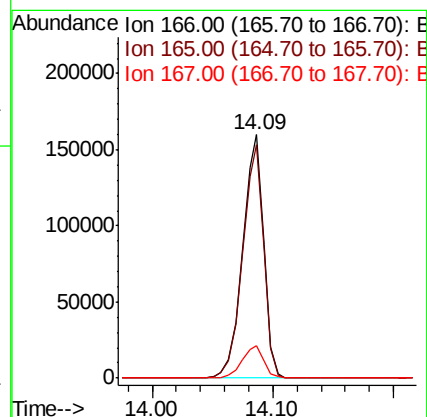
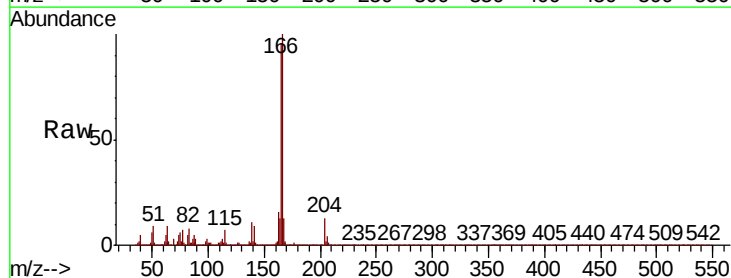
Instrument :
BNA_P
ClientSampleId :

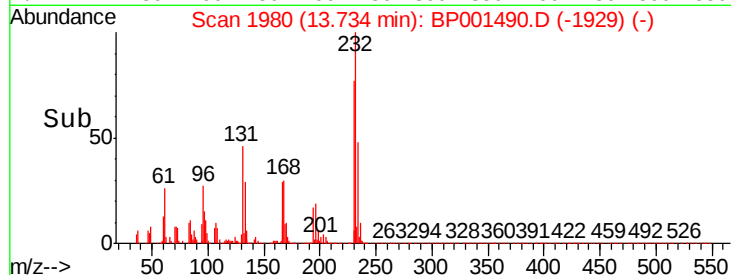
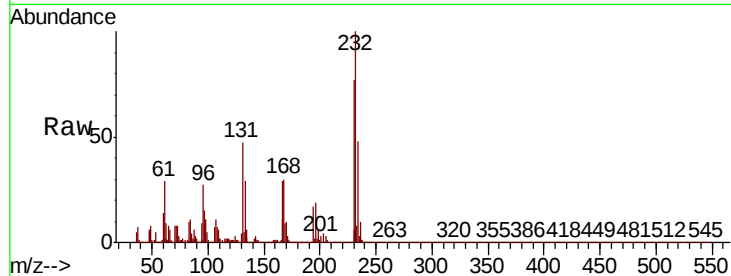
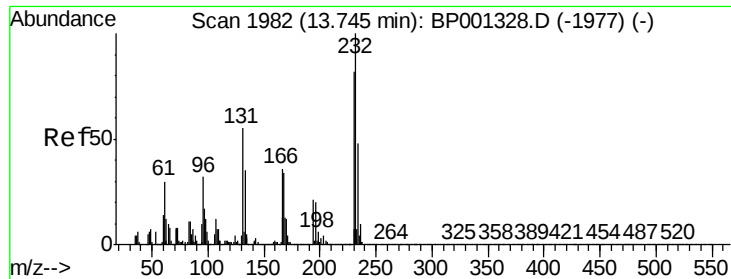
Tot Ion:165 Resp: 60385
Ion Ratio Lower Upper
165 100
63 92.9 66.6 100.0
89 100.8 79.5 119.3
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 49.206 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:166 Resp: 193149
Ion Ratio Lower Upper
166 100
165 95.7 76.6 114.8
167 13.1 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.069 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 50688

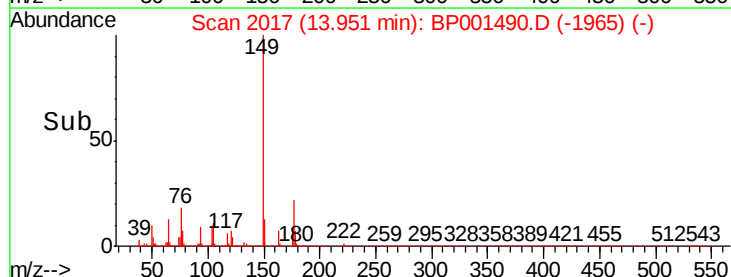
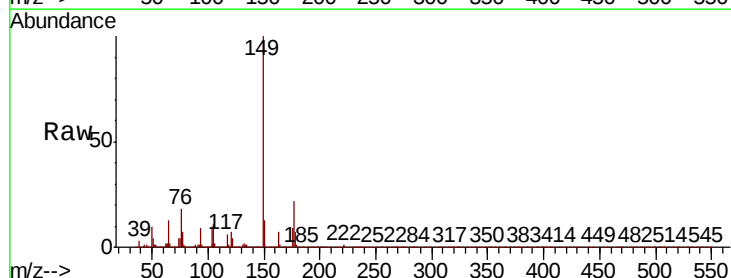
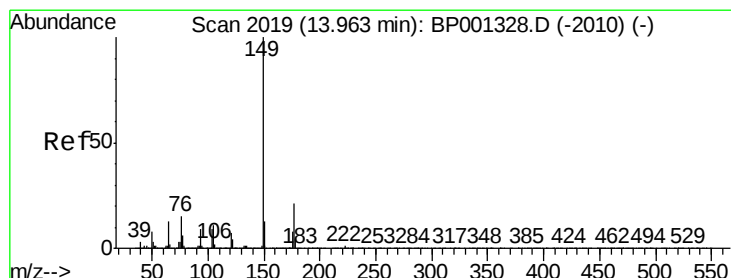
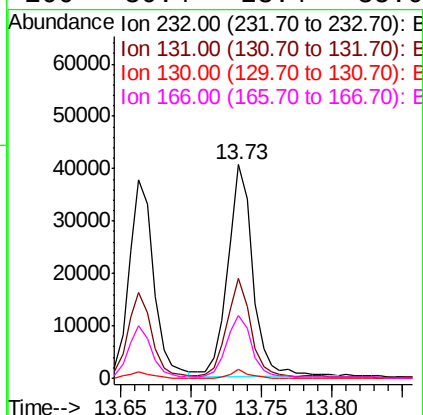
Ion Ratio Lower Upper

232 100

131 45.0 34.2 51.4

130 3.3 2.1 3.1#

166 30.4 23.4 35.0



#60

Diethylphthalate

Concen: 44.441 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

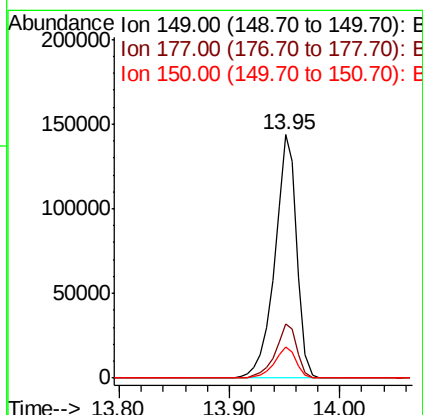
Tgt Ion:149 Resp: 197681

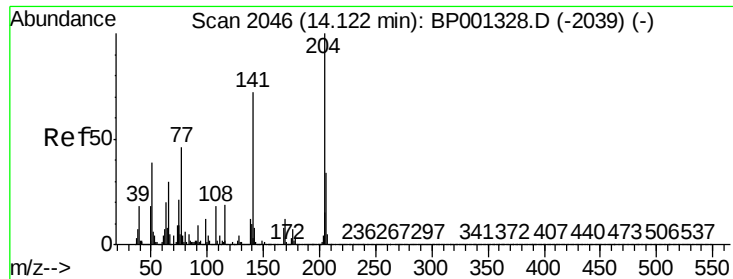
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.6

150 12.9 9.7 14.5

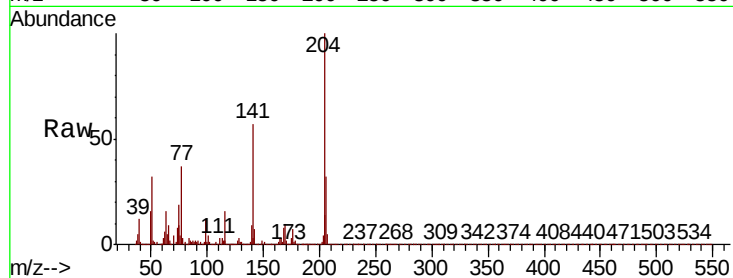




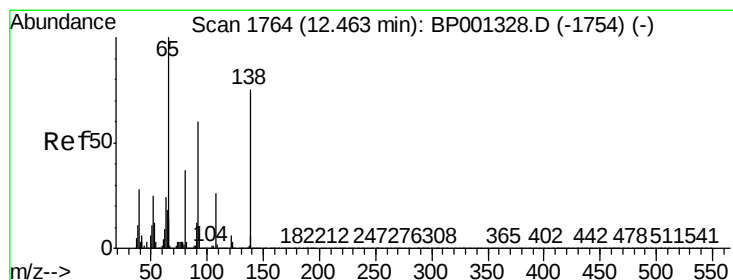
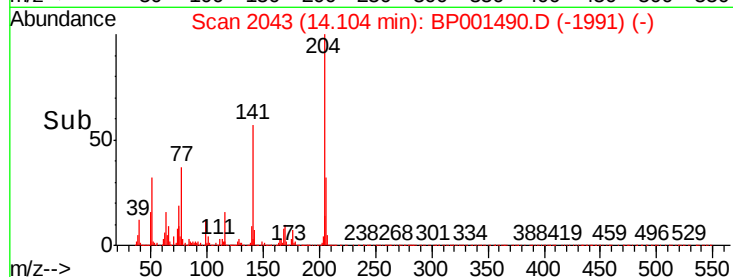
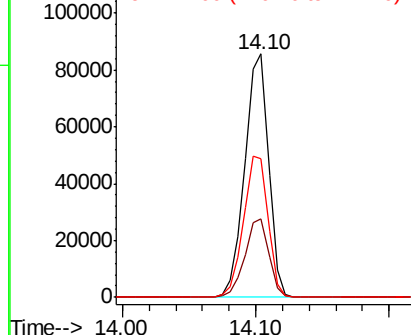
#61
4-Chlorophenyl-phenylether
Concen: 50.904 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	57.1	50.6	75.8

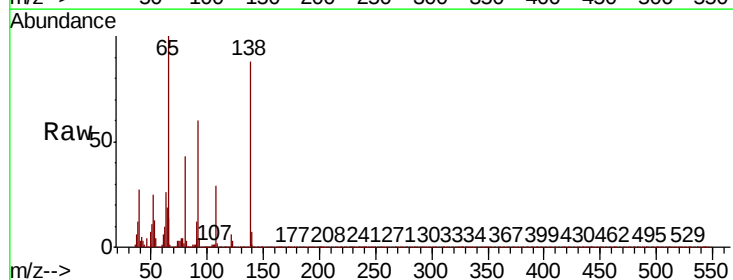


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

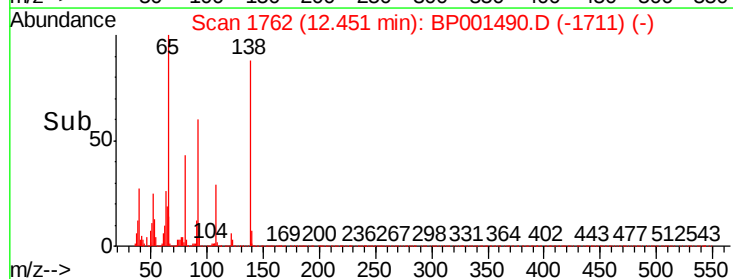
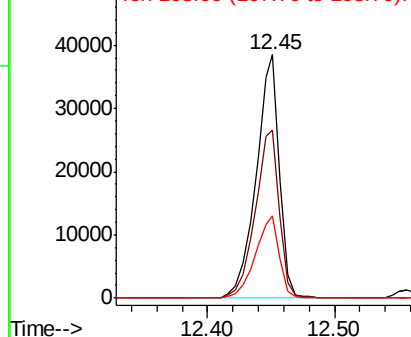


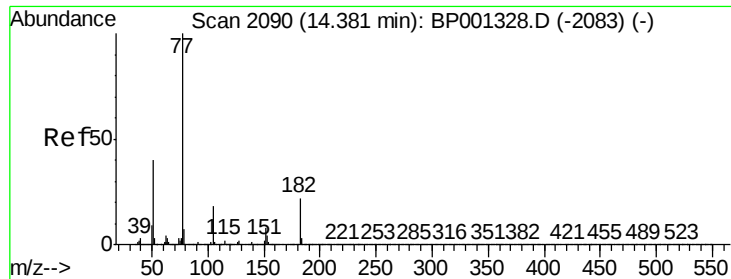
#62
4-Nitroaniline
Concen: 45.017 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.0	45.4	85.4
108	33.6	11.4	51.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.238 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 202482

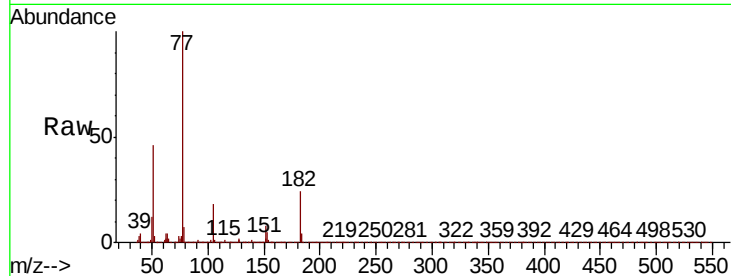
Ion Ratio Lower Upper

77 100

182 24.3 5.8 45.8

105 17.7 0.0 38.8

51 45.8 20.0 60.0

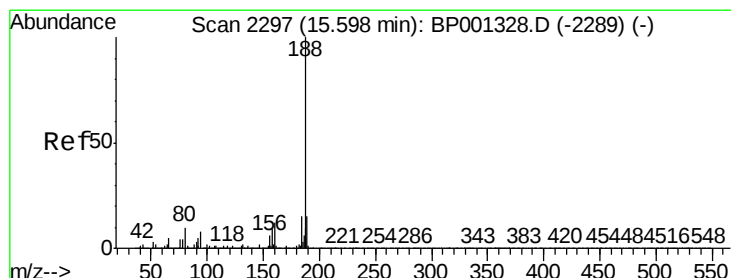
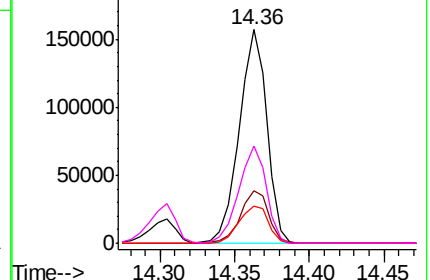
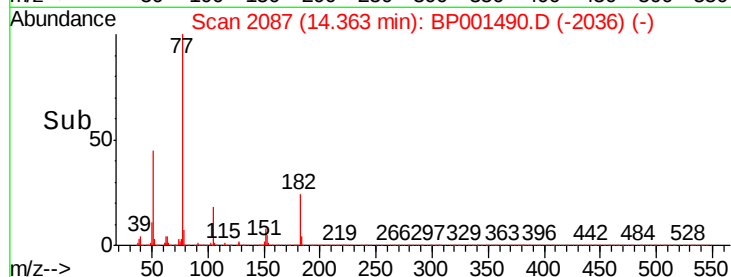


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

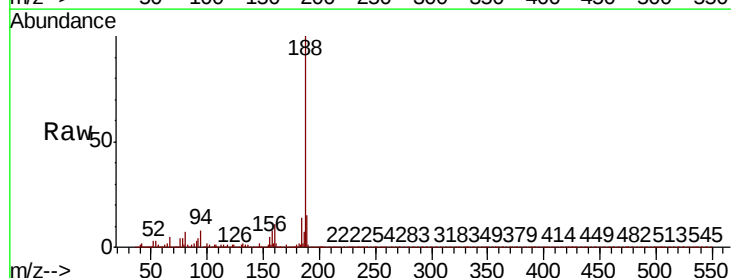
Tgt Ion:188 Resp: 106745

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

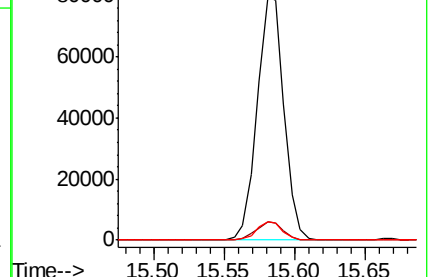
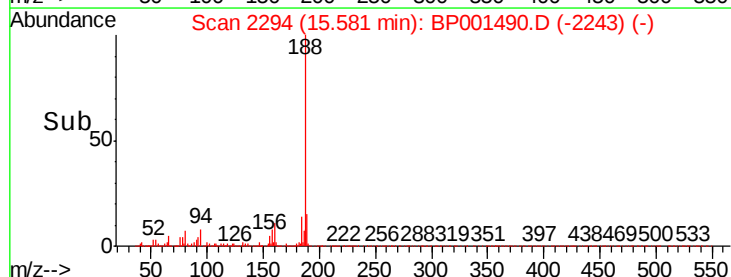
80 7.5 5.7 8.5

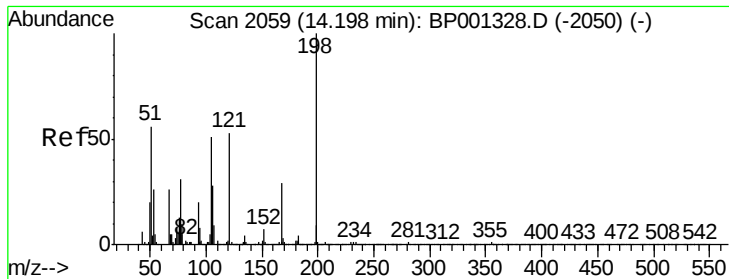


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

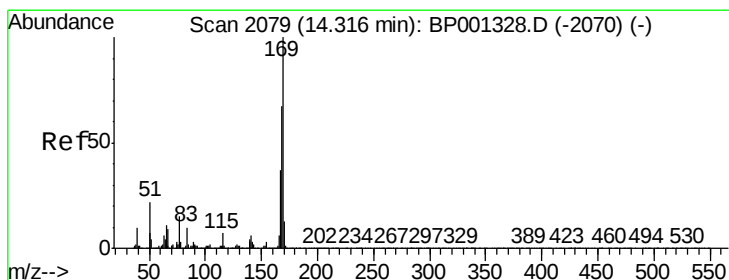
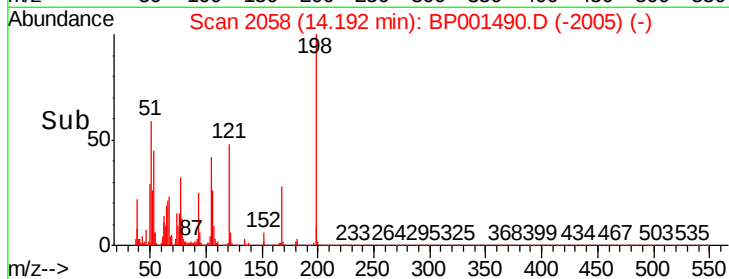
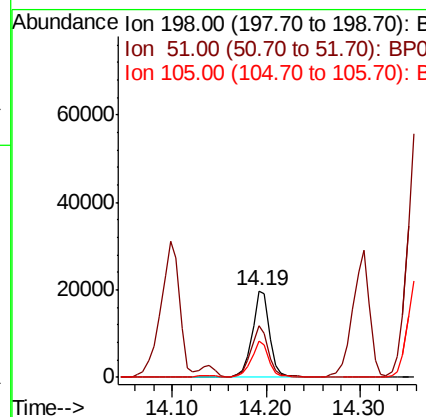
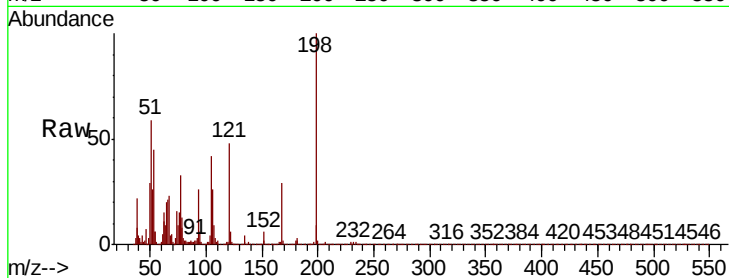




#65
4,6-Dinitro-2-methylphenol
Concen: 53.315 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

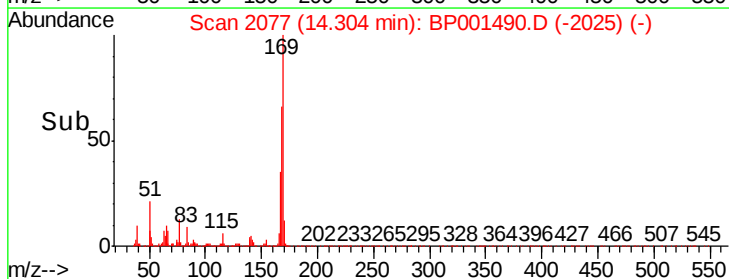
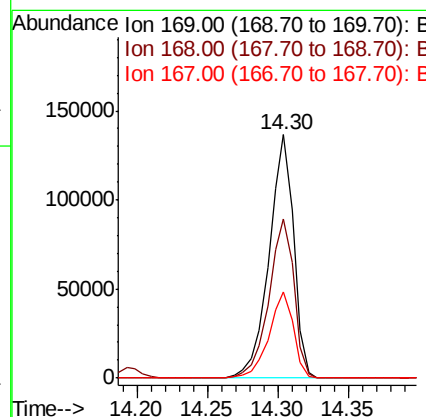
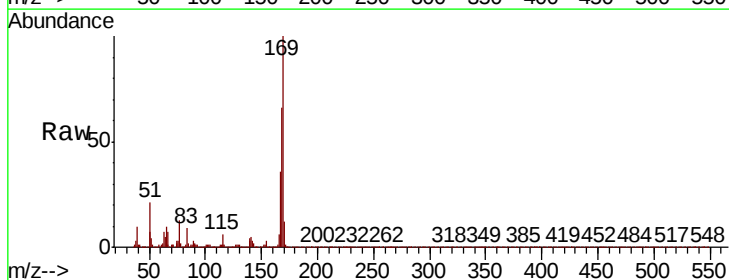
Instrument :
BNA_P
ClientSampleId :

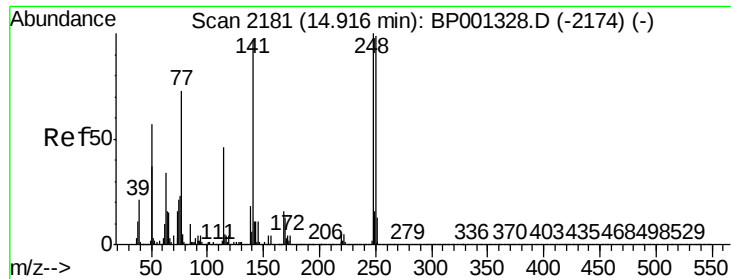
Tot Ion	Ratio	Lower	Upper
198	100		
51	59.5	42.2	82.2
105	41.8	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 49.555 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.2	81.2
167	35.5	29.3	43.9

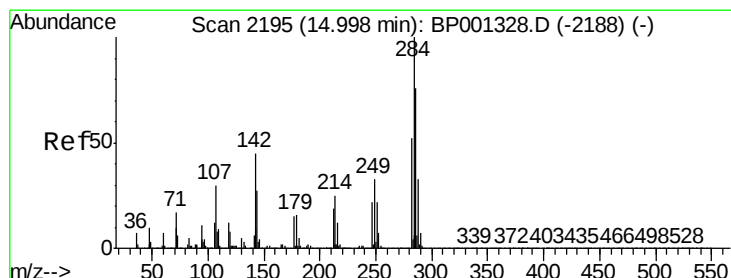
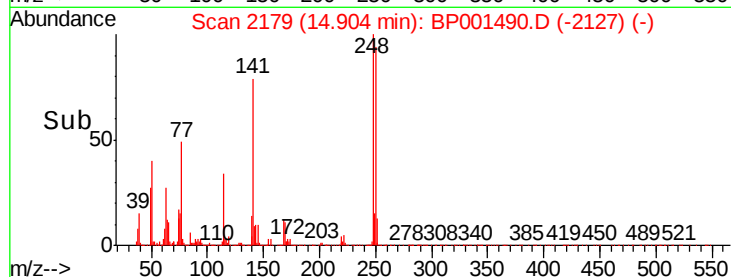
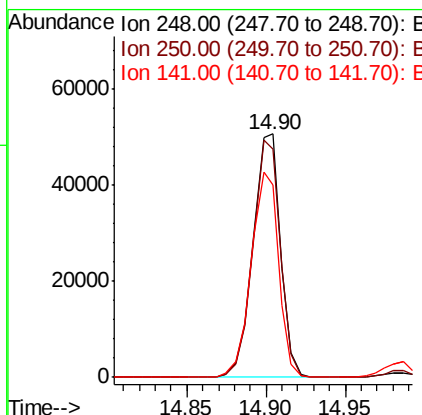
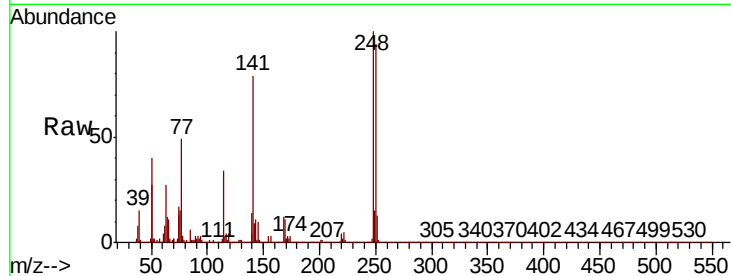




#67
4-Bromophenyl-phenylether
Concen: 48.702 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

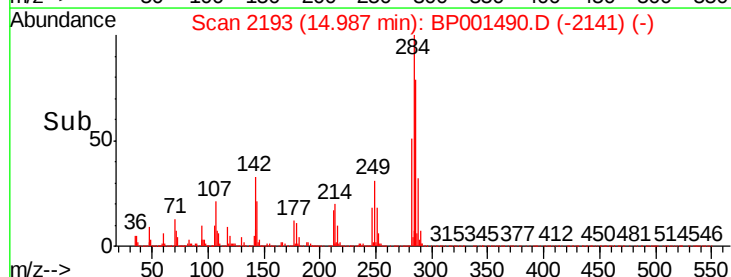
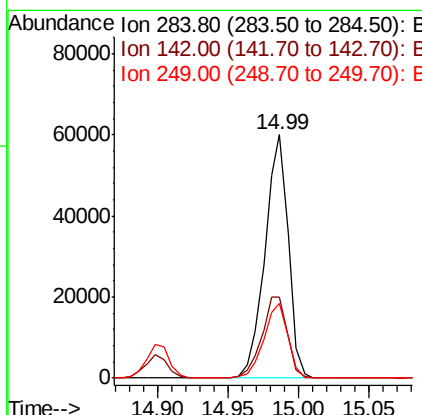
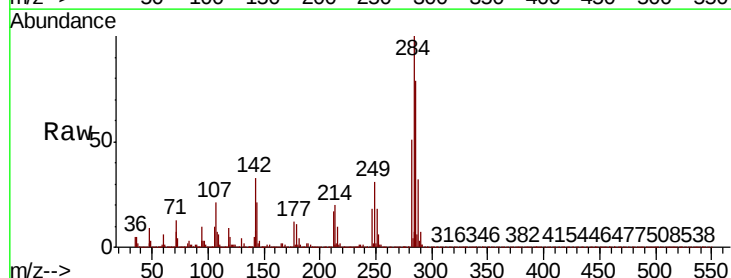
Instrument :
BNA_P
ClientSampleId :

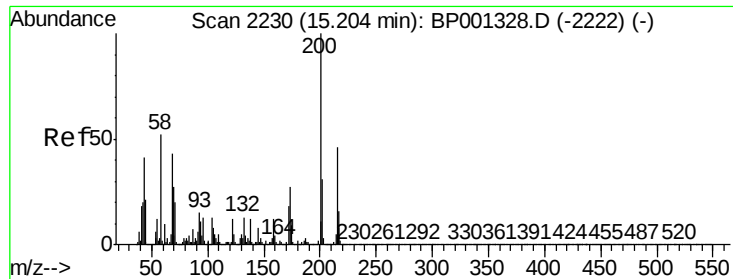
Tot Ion:248 Resp: 61464
Ion Ratio Lower Upper
248 100
250 93.8 76.2 114.4
141 78.8 60.7 91.1



#68
Hexachlorobenzene
Concen: 48.541 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:284 Resp: 69741
Ion Ratio Lower Upper
284 100
142 33.0 28.7 43.1
249 30.9 27.0 40.4

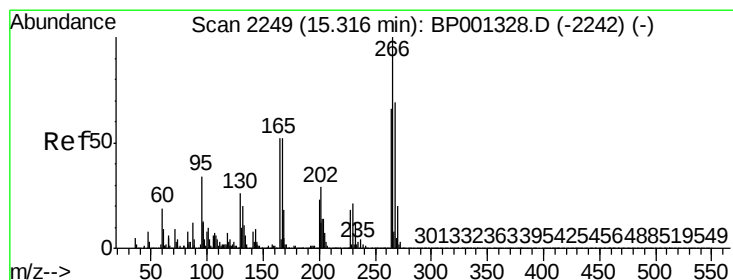
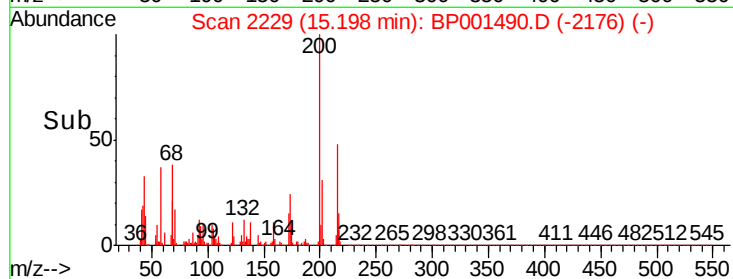
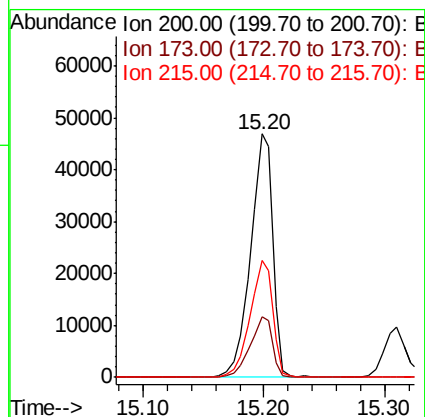
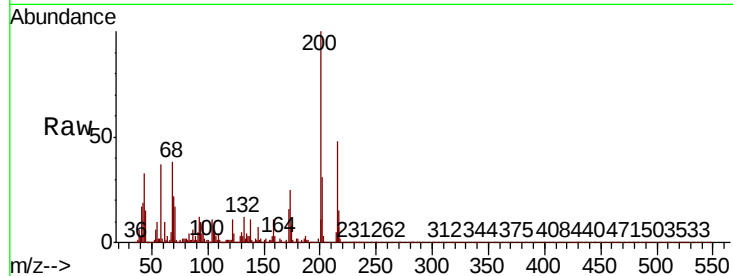




#69
Atrazine
Concen: 49.624 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

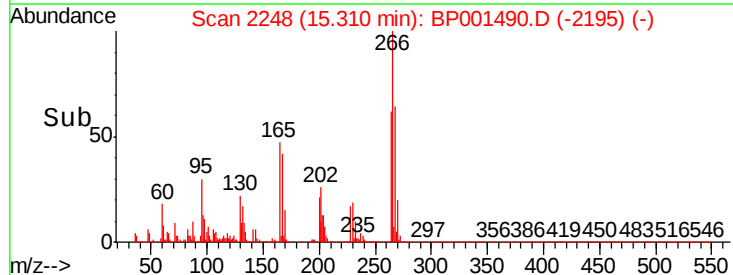
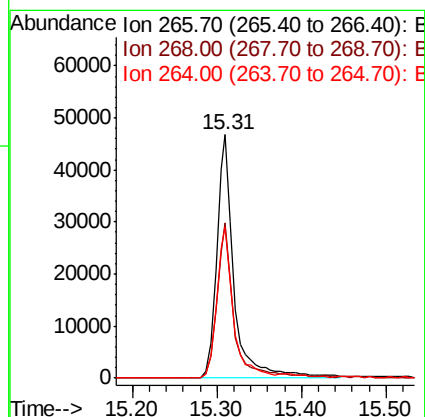
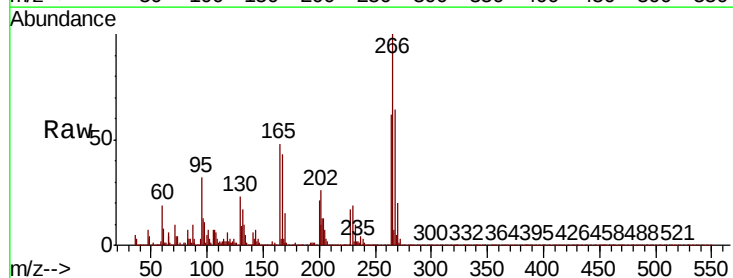
Instrument :
BNA_P
ClientSampleId :

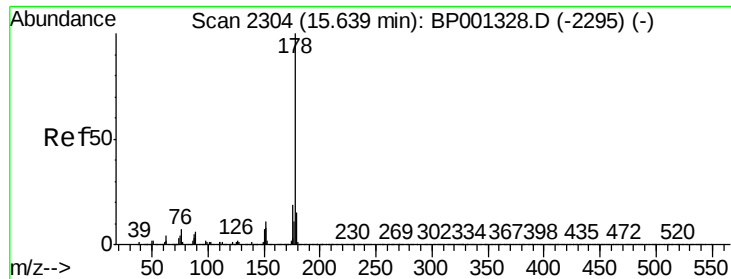
Tot Ion:200 Resp: 60322
Ion Ratio Lower Upper
200 100
173 24.7 3.9 43.9
215 47.9 26.1 66.1



#70
Pentachlorophenol
Concen: 92.512 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:266 Resp: 68163
Ion Ratio Lower Upper
266 100
268 63.7 57.0 85.4
264 62.0 50.8 76.2

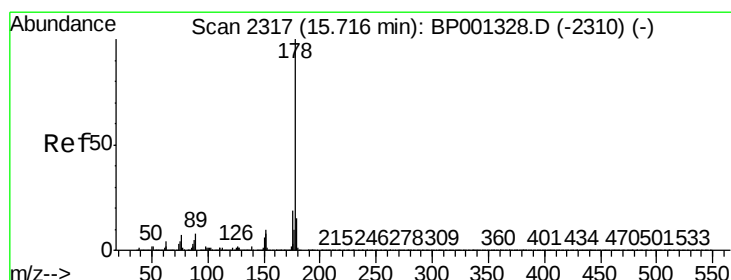
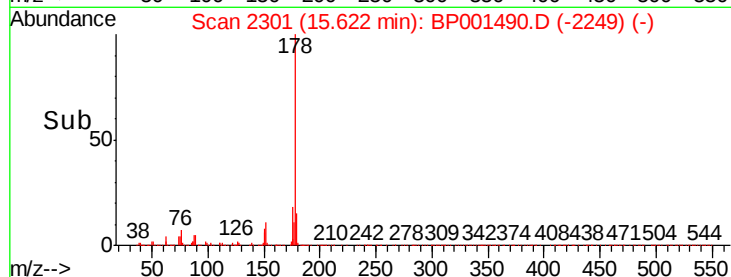
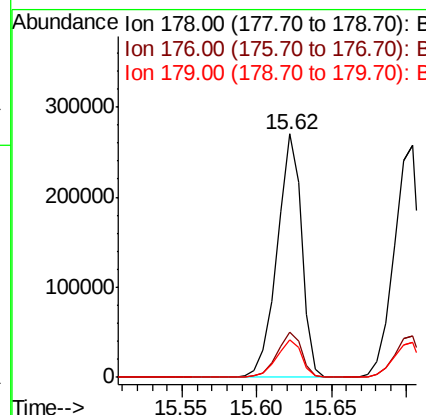
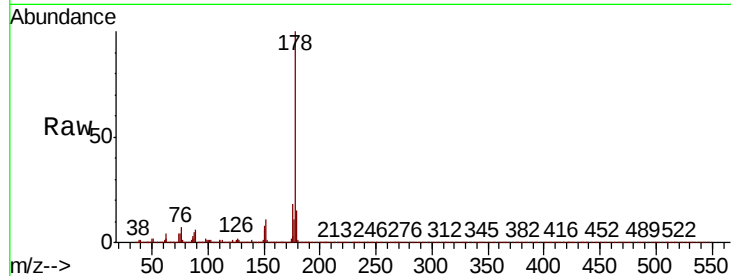




#71
Phenanthrene
Concen: 50.732 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

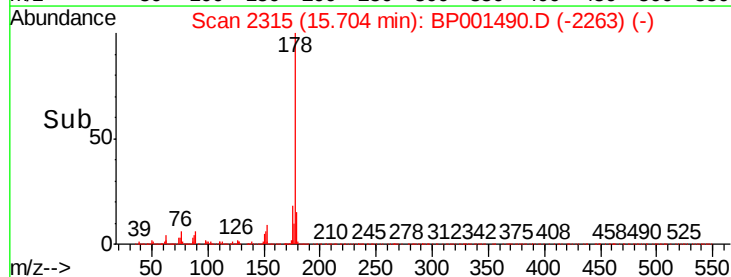
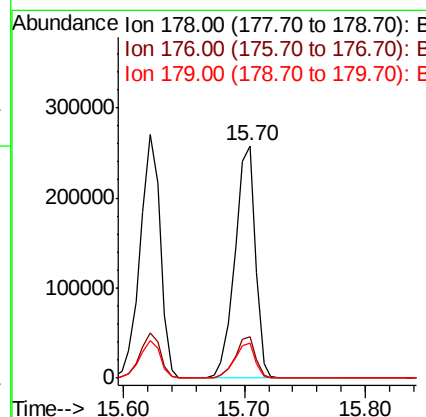
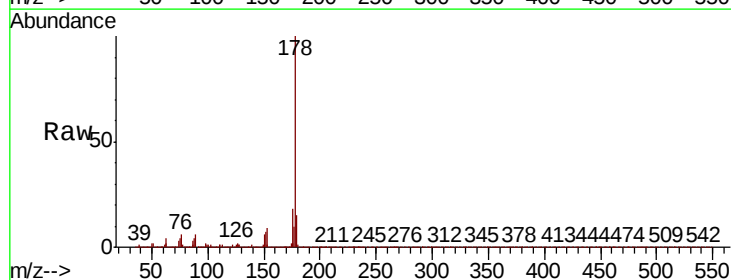
Instrument :
BNA_P
ClientSampleId :

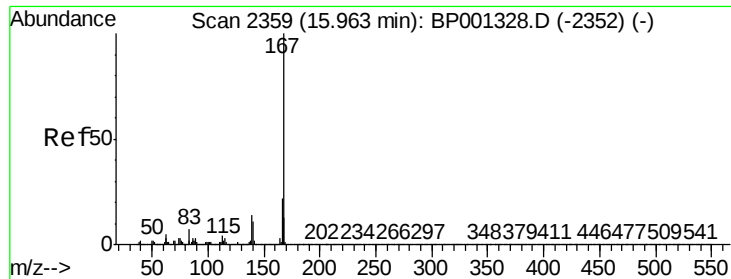
Tot Ion:178 Resp: 308964
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.2 12.2 18.2



#72
Anthracene
Concen: 50.562 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:178 Resp: 304829
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.0 11.8 17.8

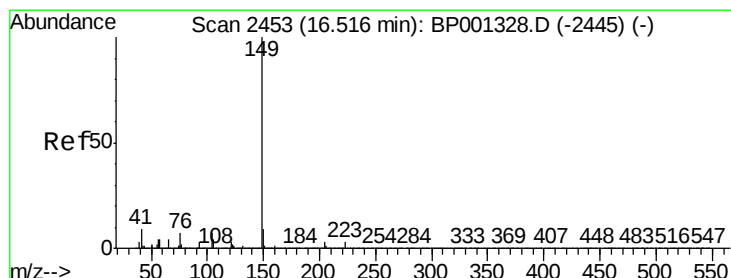
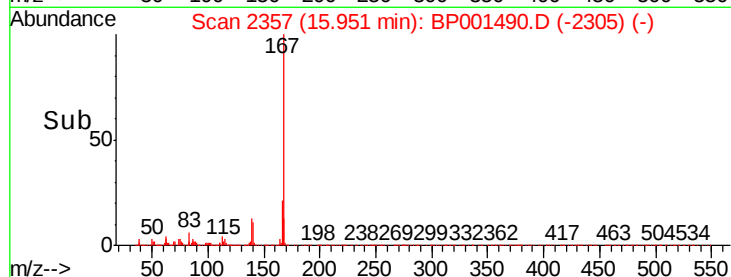
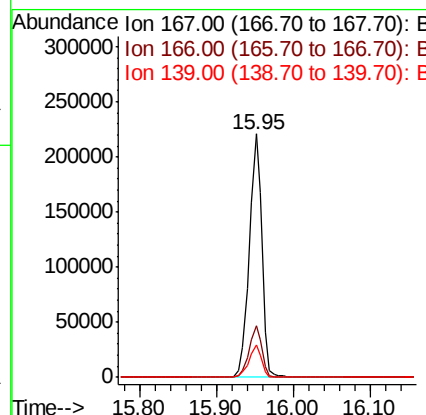
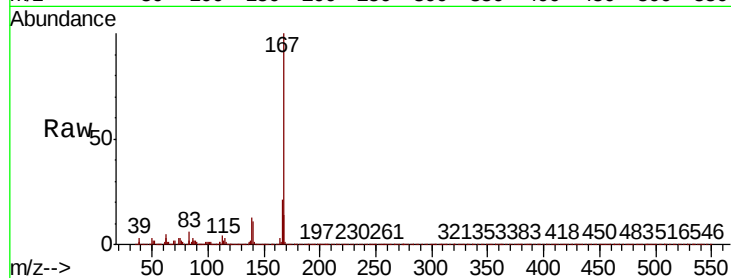




#73
 Carbazole
 Concen: 47.310 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

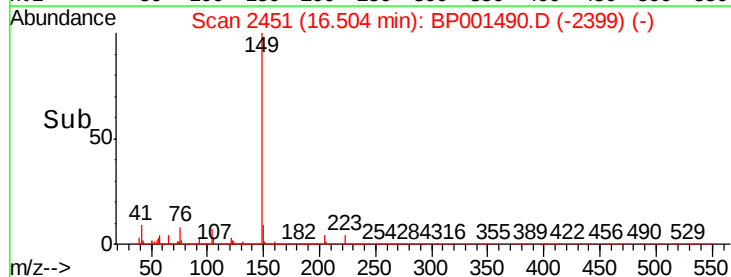
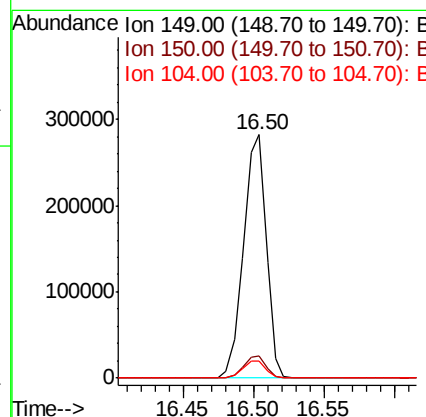
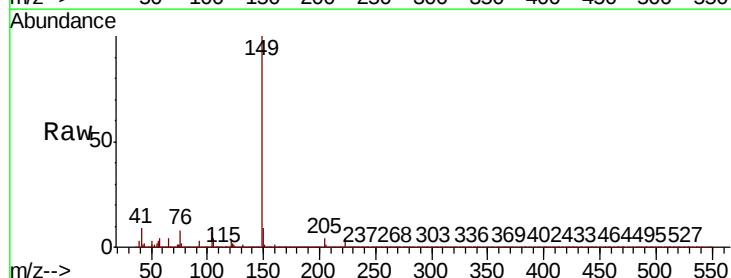
Instrument :
 BNA_P
 ClientSampleId :

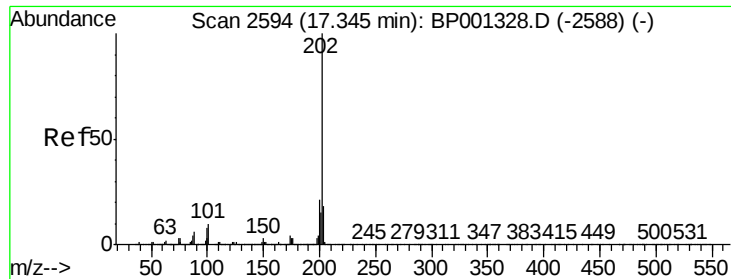
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	13.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 42.822 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.6
104	6.9	5.2	7.8





#75

Fluoranthene

Concen: 50.589 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001490.D

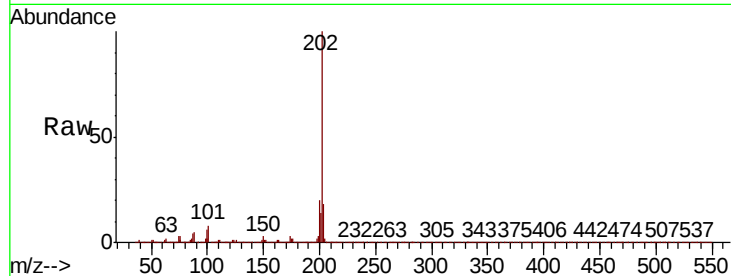
Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	344502
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.7
203	17.6	0.0	37.4



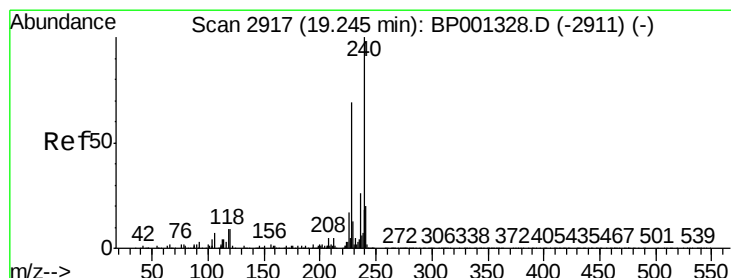
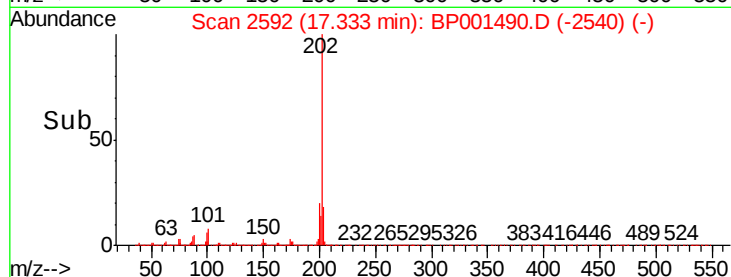
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

17.33

Time--> 17.25 17.30 17.35 17.40



#76

Chrysene-d12

Concen: 20.000 ng

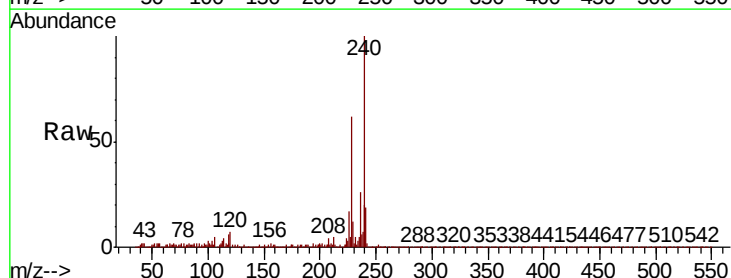
RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Tgt Ion:	240	Resp:	83886
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.2	9.2
236	25.9	20.2	30.2



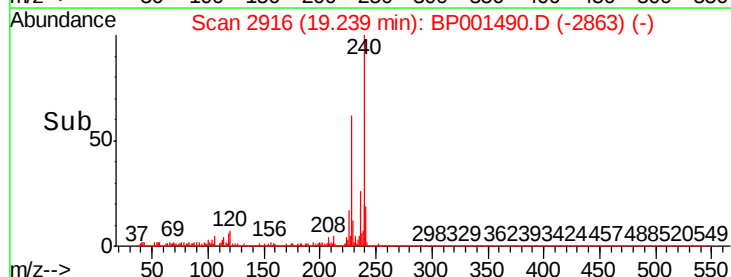
Abundance Ion 240.00 (239.70 to 240.70): E

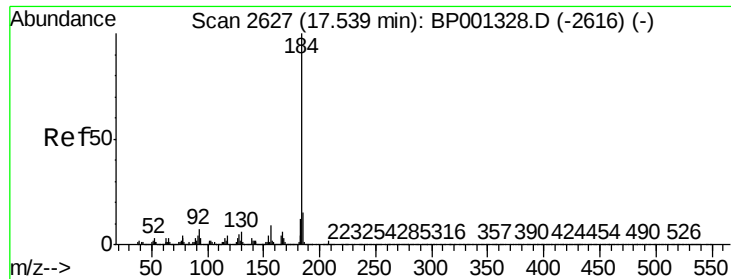
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

19.24

Time--> 19.10 19.20 19.30





#77

Benzidine

Concen: 62.008 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

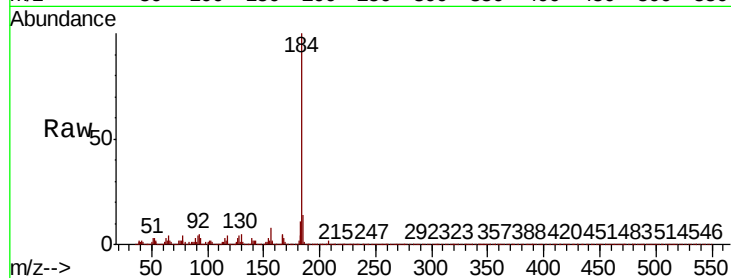
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 151446

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.1	9.6	14.4

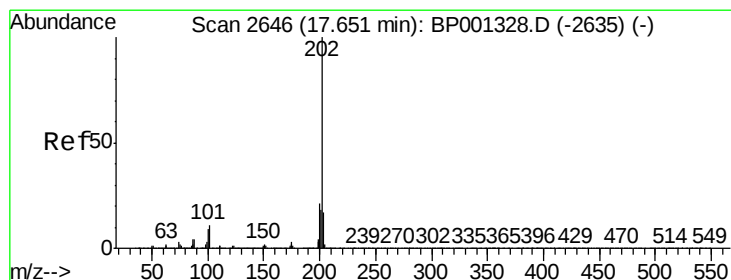
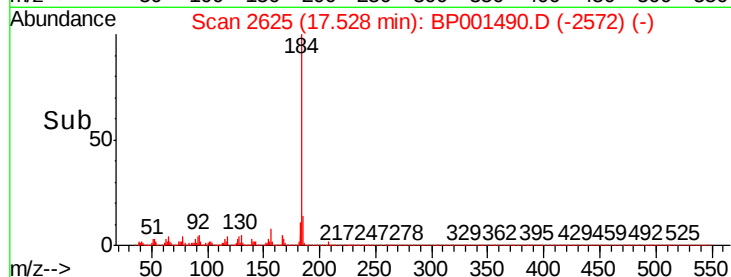
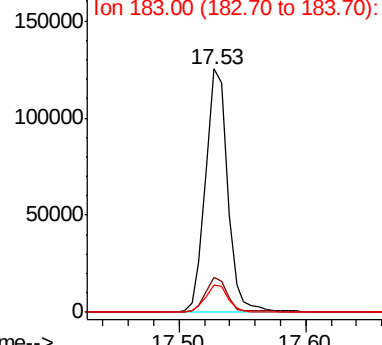


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.194 ng

RT: 17.65 min Scan# 2645

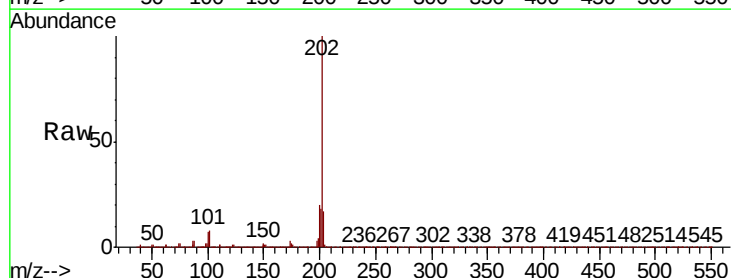
Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Tgt Ion:202 Resp: 339952

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	16.6	14.3	21.5

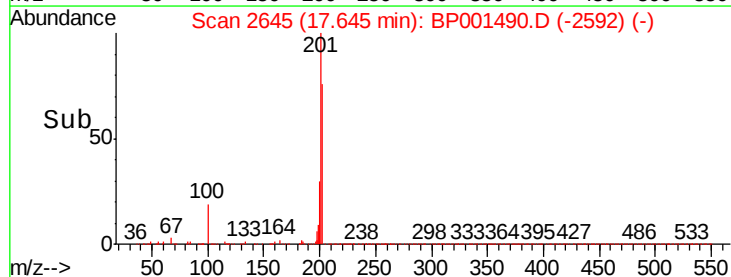
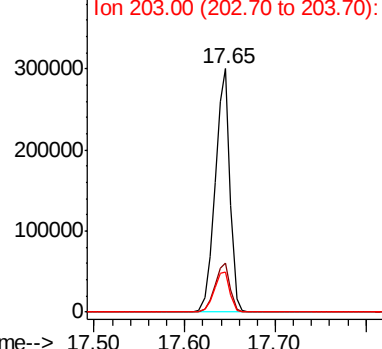


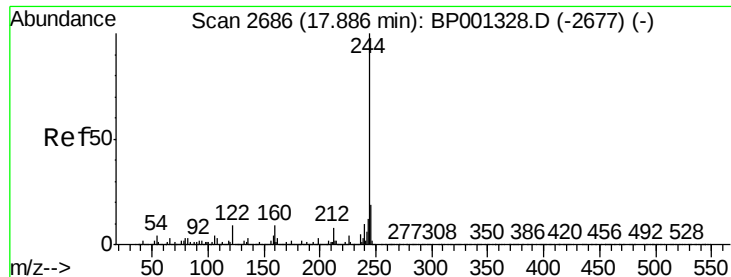
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.800 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampled :

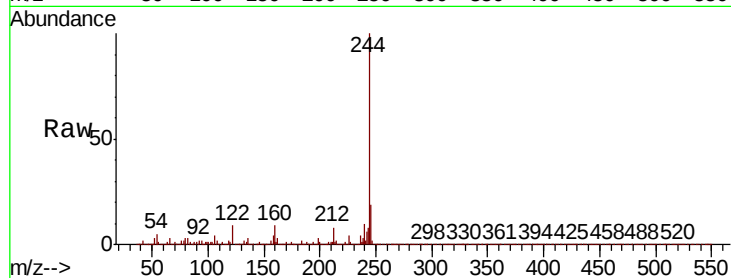
Tot Ion:244 Resp: 542664

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 8.8 6.4 9.6

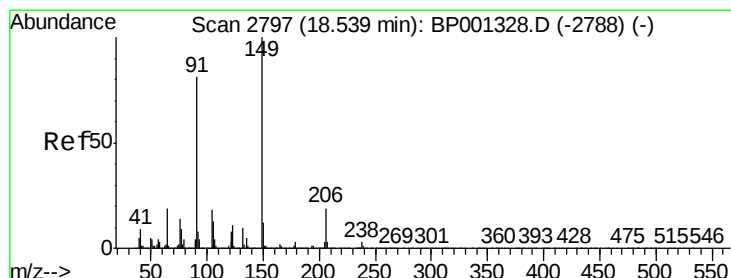
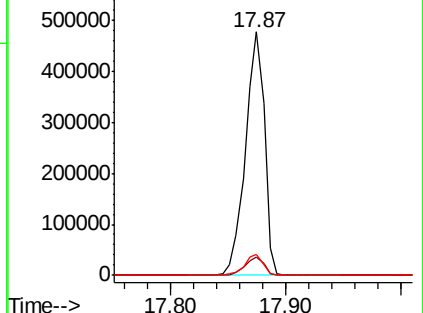
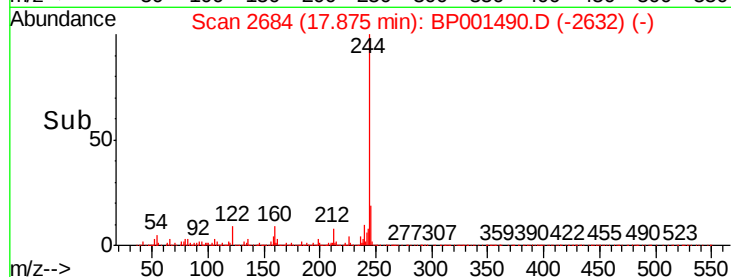


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.87



#80

Butylbenzylphthalate

Concen: 43.404 ng

RT: 18.53 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

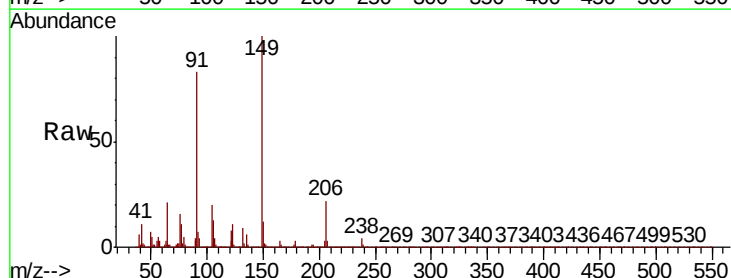
Tgt Ion:149 Resp: 131797

Ion Ratio Lower Upper

149 100

91 83.1 59.8 89.6

206 22.0 18.3 27.5

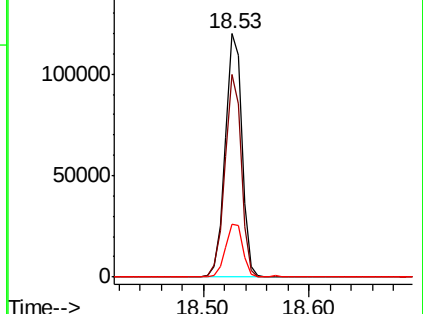
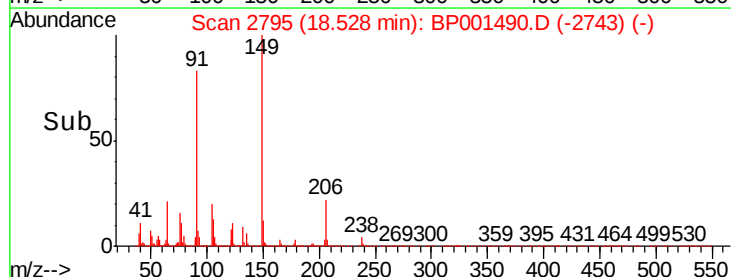


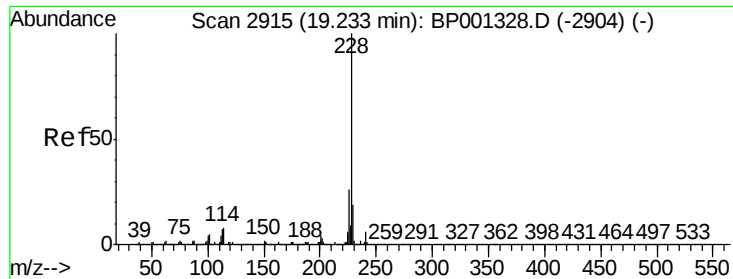
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

18.53

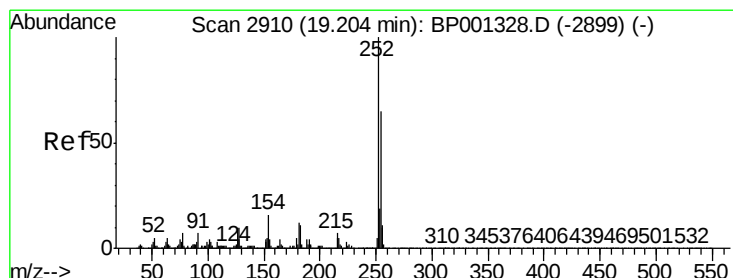
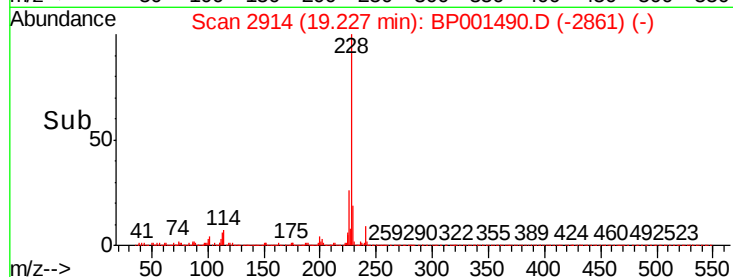
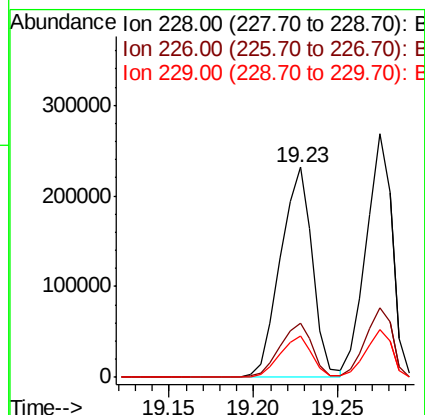
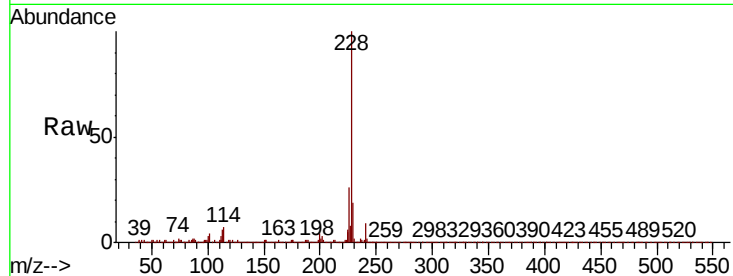




#81
Benzo(a)anthracene
Concen: 49.903 ng
RT: 19.23 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

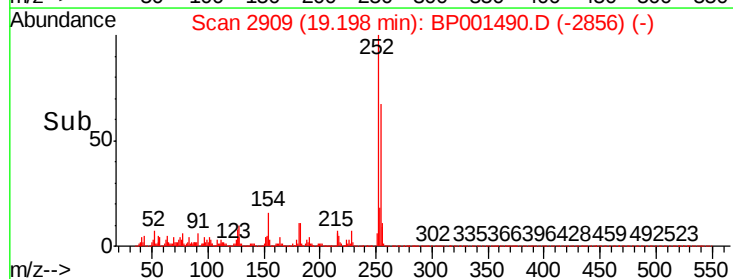
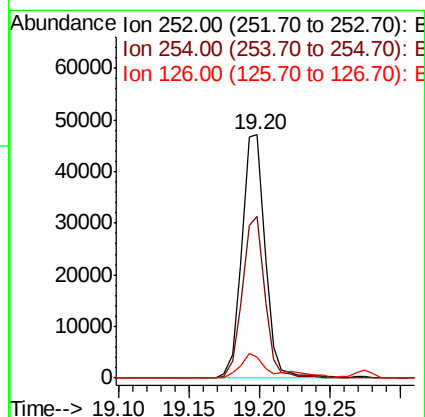
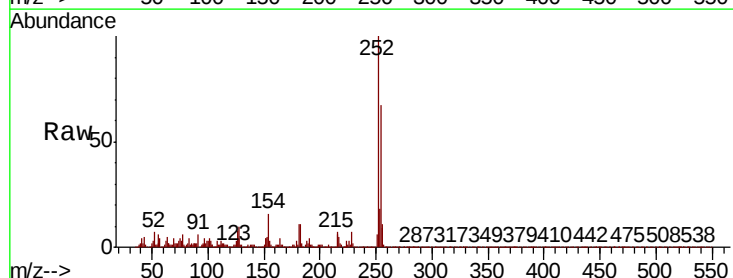
Instrument :
BNA_P
ClientSampleId :

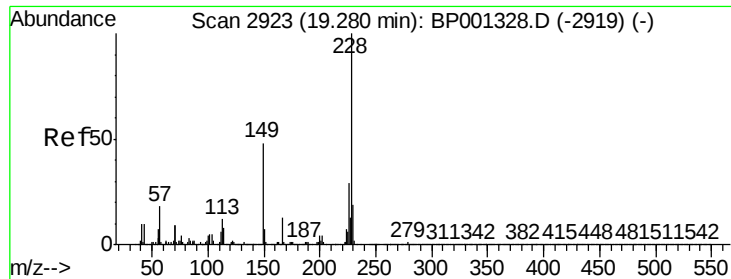
Tot Ion:228 Resp: 305041
Ion Ratio Lower Upper
228 100
226 25.8 21.4 32.2
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 25.697 ng
RT: 19.20 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion:252 Resp: 54543
Ion Ratio Lower Upper
252 100
254 66.6 52.3 78.5
126 8.4 7.3 10.9

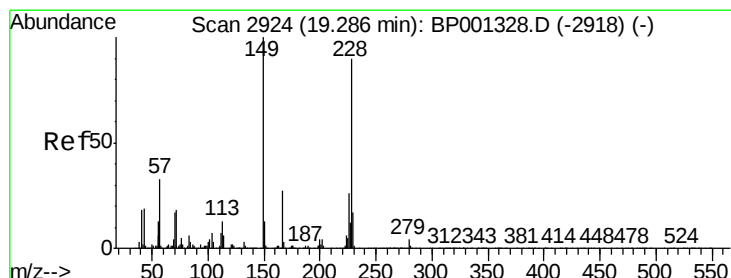
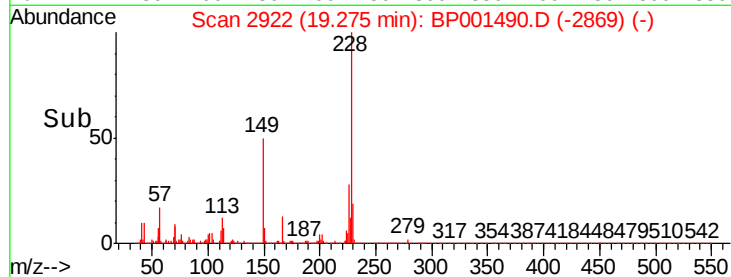
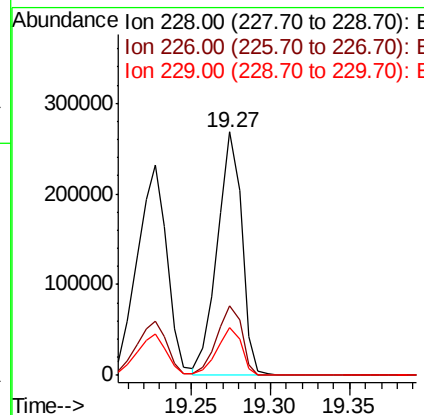
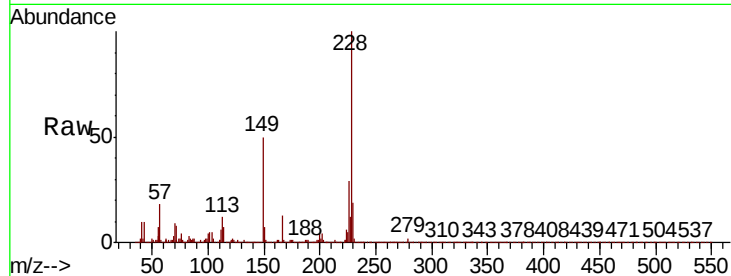




#83
 Chrysene
 Concen: 48.861 ng
 RT: 19.27 min Scan# 2922
 Delta R.T. 0.01 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

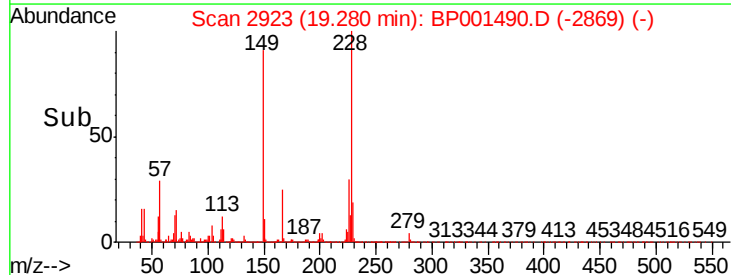
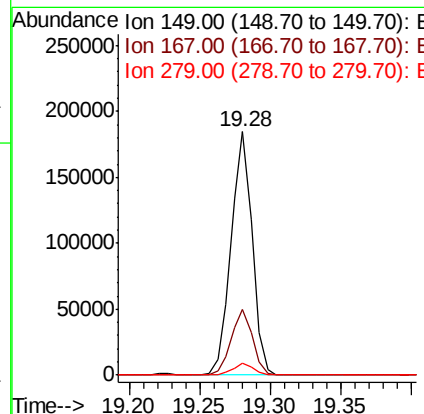
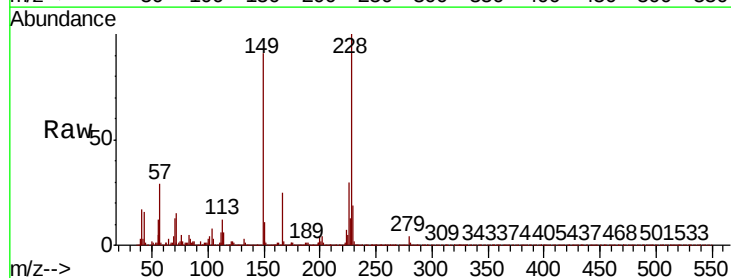
Instrument :
 BNA_P
 ClientSampleId :

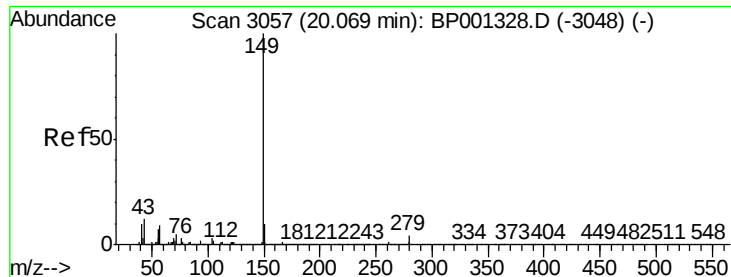
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.4	15.5	23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.028 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. 0.02 min
 Lab File: BP001490.D
 Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 42.207 ng

RT: 20.06 min Scan# 3056

Delta R.T. 0.02 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampleId :

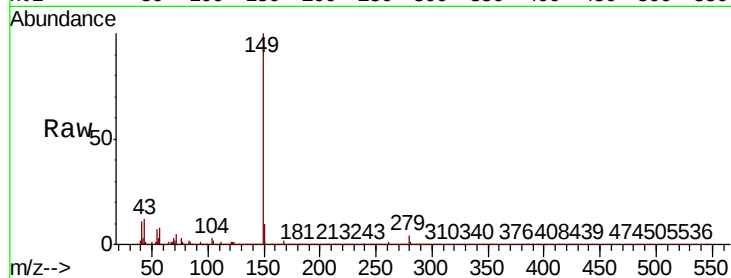
Tot Ion:149 Resp: 311700

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

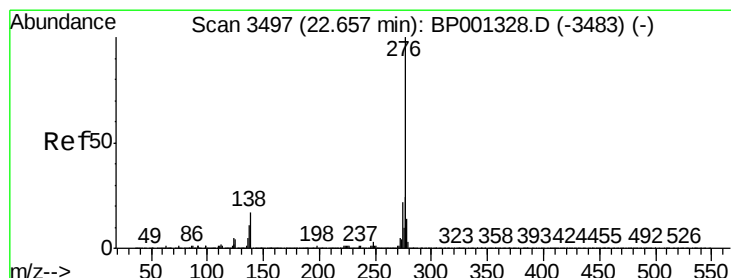
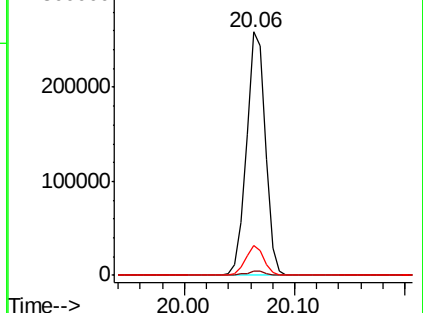
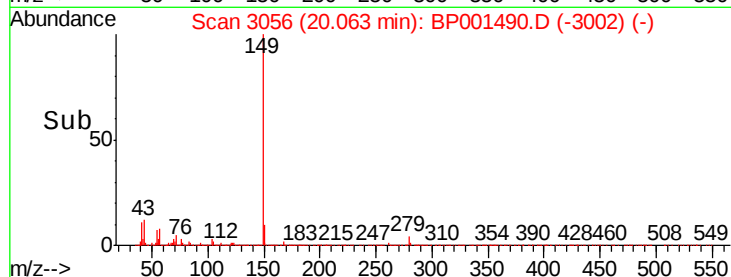
43 11.7 8.6 13.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.570 ng

RT: 22.67 min Scan# 3500

Delta R.T. 0.05 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

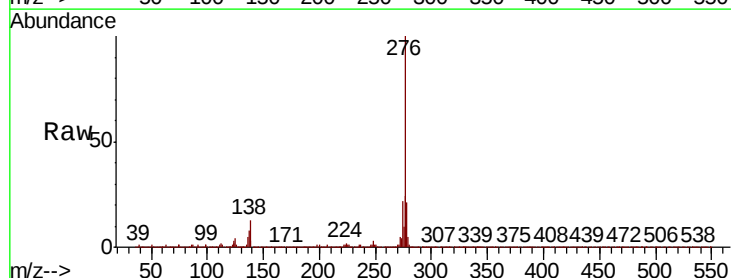
Tgt Ion:276 Resp: 296745

Ion Ratio Lower Upper

276 100

138 16.3 12.8 19.2

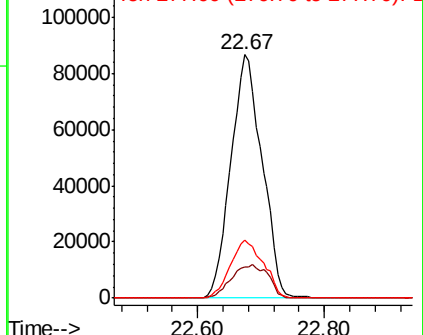
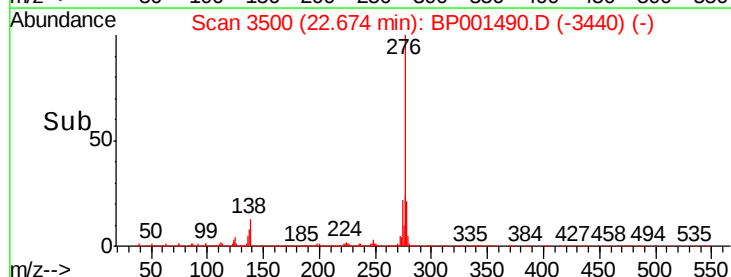
277 25.1 19.9 29.9

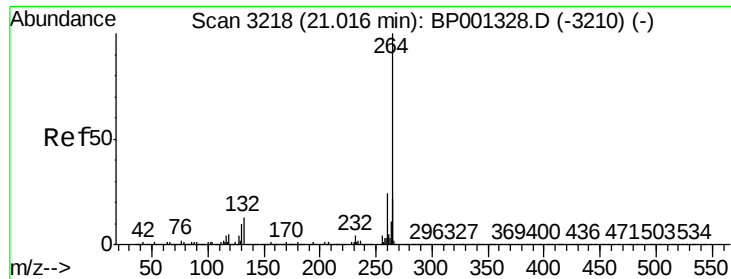


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

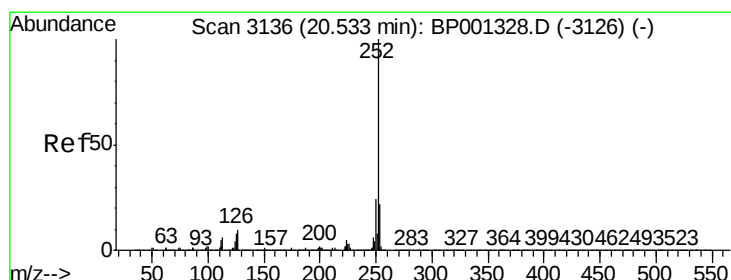
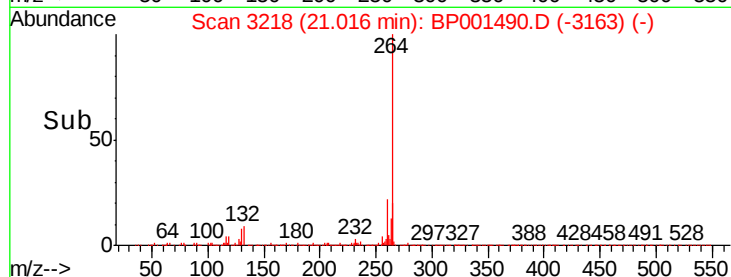
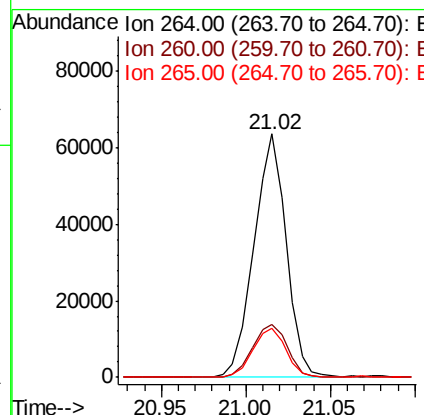
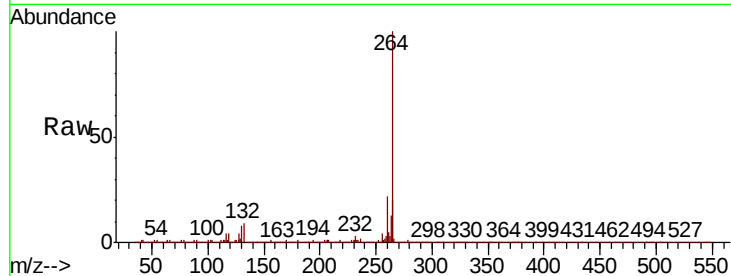




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.02 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

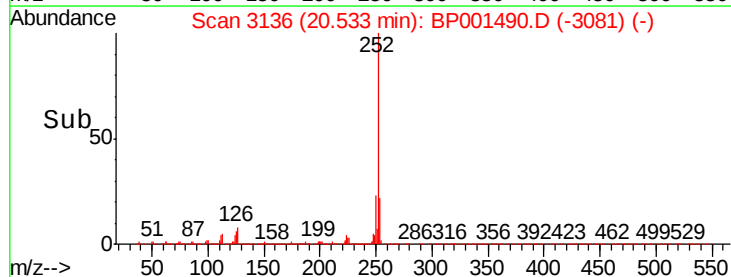
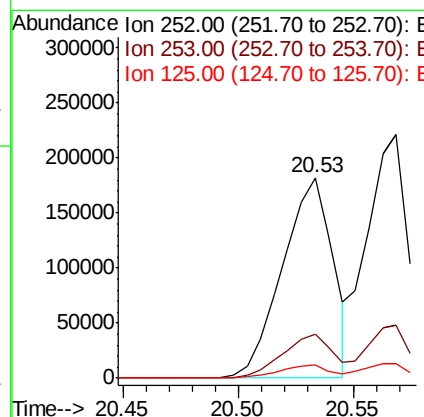
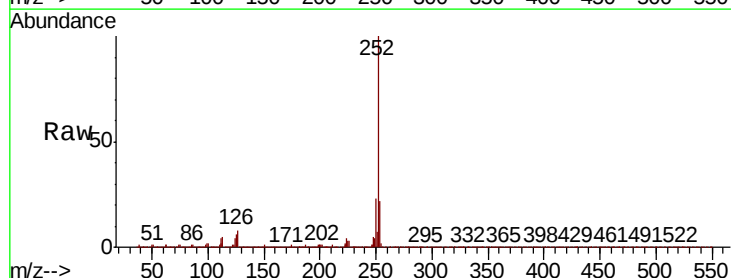
Instrument :
BNA_P
ClientSampleId :

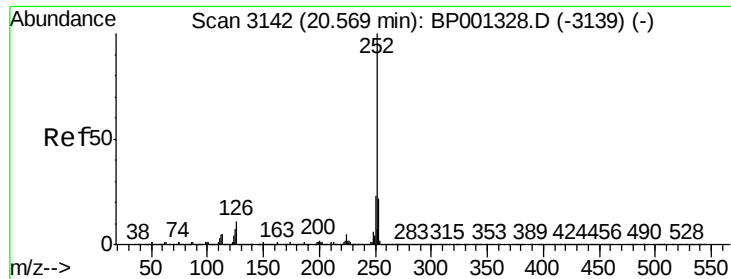
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	20.3	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 49.766 ng
RT: 20.53 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	6.5	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 51.290 ng

RT: 20.57 min Scan# 3142

Delta R.T. 0.02 min

Lab File: BP001490.D

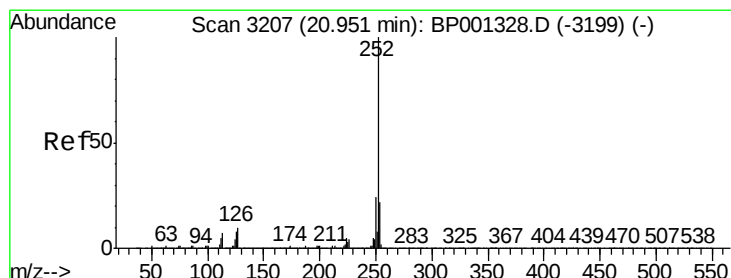
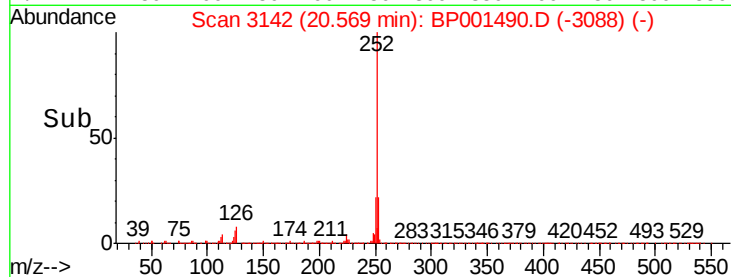
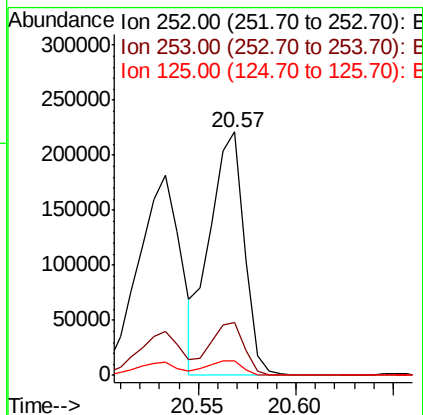
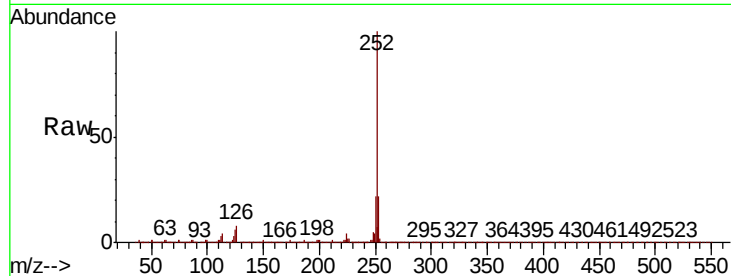
Acq: 28 Dec 2019 22:31

Instrument :

BNA_P

ClientSampled :

Tot Ion:252	Resp:	271117
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.4 26.2
125	5.8	4.5 6.7



#90

Benzo(a)pyrene

Concen: 48.816 ng

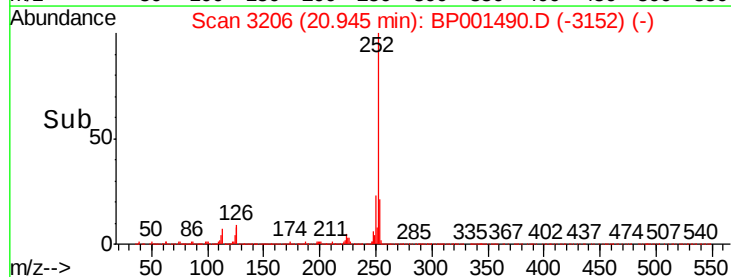
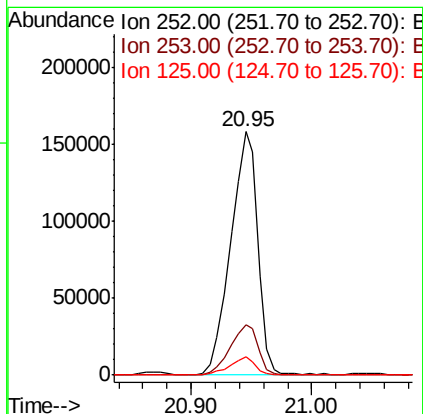
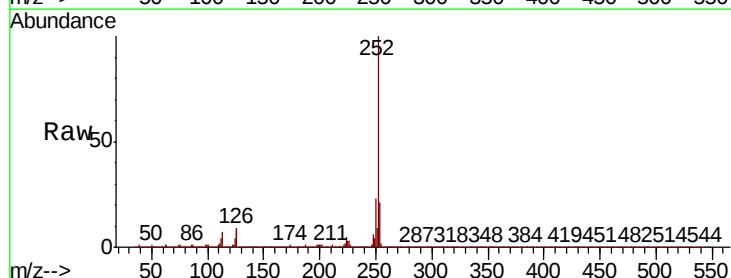
RT: 20.95 min Scan# 3206

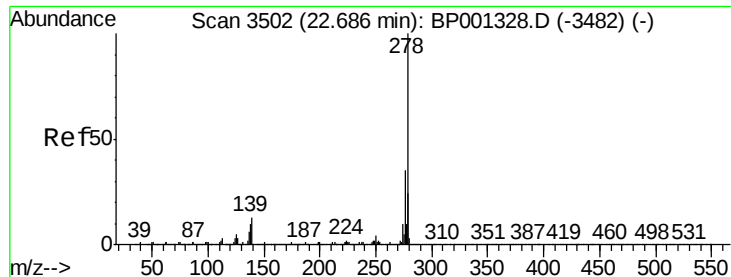
Delta R.T. 0.02 min

Lab File: BP001490.D

Acq: 28 Dec 2019 22:31

Tgt Ion:252	Resp:	246767
Ion Ratio	Lower	Upper
252	100	
253	20.6	17.2 25.8
125	7.8	5.2 7.8

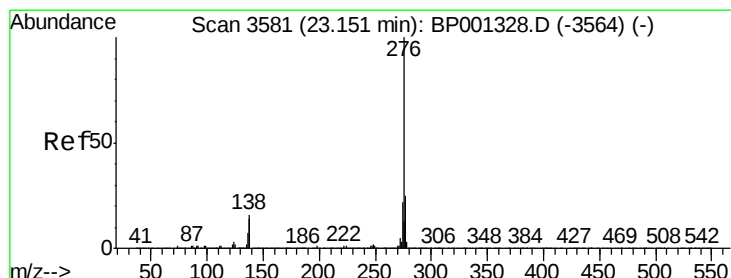
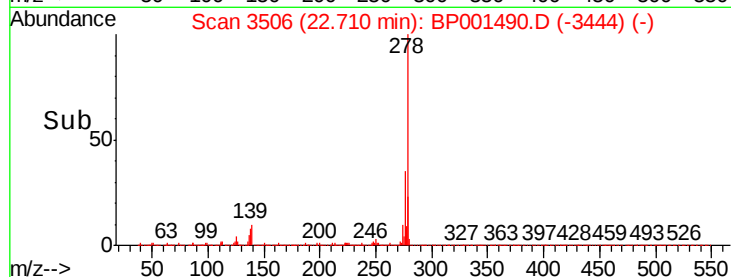
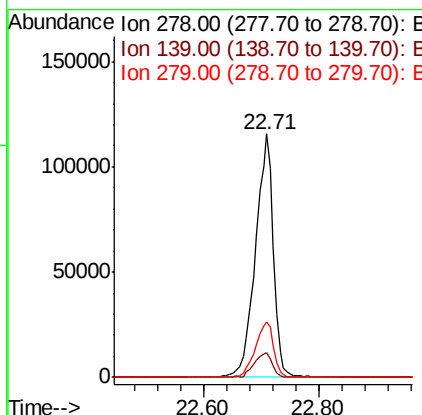
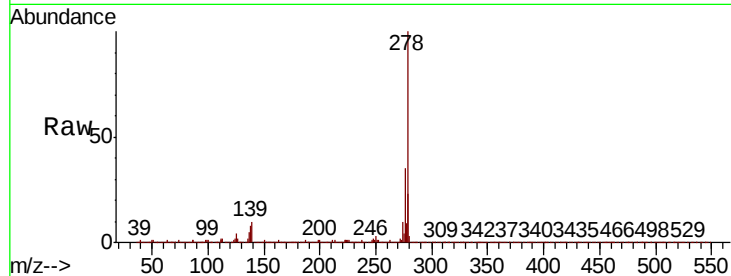




#91
Dibenzo(a,h)anthracene
Concen: 51.029 ng
RT: 22.71 min Scan# 3506
Delta R.T. 0.06 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.3	12.5
279	22.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 51.370 ng
RT: 23.19 min Scan# 3587
Delta R.T. 0.08 min
Lab File: BP001490.D
Acq: 28 Dec 2019 22:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	13.3	10.5	15.7

