

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001348.D
 Acq On : 20 Dec 2019 17:45
 Operator : JU
 Sample : PB125625BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 22:07:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	42701	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	159175	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	93536	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	180523	20.00	ng	0.00
76) Chrysene-d12	19.25	240	148334	20.00	ng	0.00
87) Perylene-d12	21.02	264	153359	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	205232	77.68	ng	0.01
7) Phenol-d6	7.75	99	267590	77.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	338221	81.60	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	82861	70.86	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	593950	80.29	ng	0.00
79) Terphenyl-d14	17.89	244	728895	84.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	46522	42.786	ng	97
3) Pyridine	3.44	79	112185	37.769	ng	94
4) n-Nitrosodimethylamine	3.36	42	85034	45.212	ng	98
6) Aniline	7.78	93	146611	33.782	ng	# 82
8) 2-Chlorophenol	7.96	128	120056	45.199	ng	98
9) Benzaldehyde	7.59	77	94677	39.148	ng	98
10) Phenol	7.77	94	170123	43.188	ng	97
11) bis(2-Chloroethyl)ether	7.90	93	119594	42.915	ng	99
12) 1,3-Dichlorobenzene	8.20	146	139101	42.044	ng	100
13) 1,4-Dichlorobenzene	8.33	146	140276	41.616	ng	99
14) 1,2-Dichlorobenzene	8.56	146	135323	42.141	ng	97
15) Benzyl Alcohol	8.53	79	145523	44.985	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	173215	39.246	ng	99
17) 2-Methylphenol	8.73	107	104946	44.712	ng	98
18) Hexachloroethane	9.10	117	58524	40.814	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	103803	42.413	ng	99
20) 3+4-Methylphenols	8.98	107	139055	44.645	ng	96
22) Acetophenone	8.95	105	195403	38.820	ng	# 99
24) Nitrobenzene	9.22	77	162904	39.931	ng	100
25) Isophorone	9.61	82	273728	41.070	ng	100
26) 2-Nitrophenol	9.72	139	61875	42.533	ng	96
27) 2,4-Dimethylphenol	9.82	122	106630	49.836	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	148155	37.218	ng	99
29) 2,4-Dichlorophenol	10.12	162	108320	40.886	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	125763	38.592	ng	99
31) Naphthalene	10.37	128	353173	40.647	ng	100
32) Benzoic acid	10.00	122	66201	39.287	ng	97
33) 4-Chloroaniline	10.46	127	74817	21.055	ng	97
34) Hexachlorobutadiene	10.59	225	82657	36.366	ng	97
35) Caprolactam	11.04	113	22305	28.294	ng	# 86
36) 4-Chloro-3-methylphenol	11.28	107	126615	40.897	ng	95
37) 2-Methylnaphthalene	11.50	142	242854	40.486	ng	99
38) 1-Methylnaphthalene	11.66	142	229595	40.712	ng	96
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	129898	37.559	ng	98

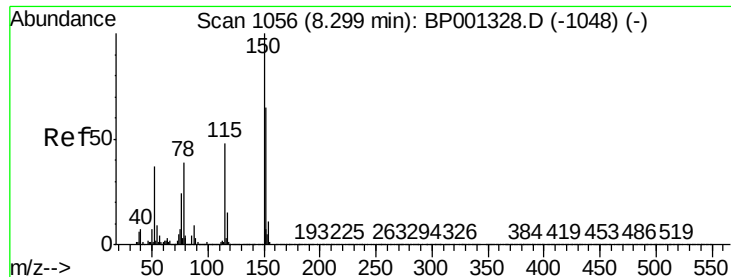
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001348.D
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 Operator : JU
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 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	162041	94.730	nq	98
43) 2,4,6-Trichlorophenol	11.97	196	83273	39.151	nq	100
44) 2,4,5-Trichlorophenol	12.03	196	90519	41.420	nq	98
46) 1,1'-Biphenyl	12.27	154	303502	38.774	nq	99
47) 2-Chloronaphthalene	12.29	162	236049	37.304	nq	99
48) 2-Nitroaniline	12.46	65	95888	37.843	nq	98
49) Acenaphthylene	12.97	152	374272	40.461	nq	99
50) Dimethylphthalate	12.80	163	286391	37.321	nq	99
51) 2,6-Dinitrotoluene	12.87	165	61683	39.588	nq	96
52) Acenaphthene	13.26	154	214681	38.520	nq	99
53) 3-Nitroaniline	13.13	138	39781	23.787	nq	99
54) 2,4-Dinitrophenol	13.32	184	51607	85.774	nq	96
55) Dibenzofuran	13.54	168	341040	39.055	nq	98
56) 4-Nitrophenol	13.45	139	103927	86.906	nq	91
57) 2,4-Dinitrotoluene	13.53	165	84164	38.863	nq	93
58) Fluorene	14.10	166	274074	39.241	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	74739	39.835	nq	90
60) Diethylphthalate	13.96	149	290472	36.701	nq	99
61) 4-Chlorophenyl-phenylether	14.12	204	136264	37.114	nq	97
62) 4-Nitroaniline	12.46	138	74090	38.256	nq	95
63) Azobenzene	14.38	77	320353	38.447	nq	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	35886	44.386	nq	97
66) n-Nitrosodiphenylamine	14.32	169	230230	40.228	nq	100
67) 4-Bromophenyl-phenylether	14.92	248	80381	37.661	nq	96
68) Hexachlorobenzene	15.00	284	93045	38.293	nq	94
69) Atrazine	15.21	200	86820	42.233	nq	96
70) Pentachlorophenol	15.32	266	109084	87.544	nq	93
71) Phenanthrene	15.64	178	408831	39.695	nq	100
72) Anthracene	15.72	178	424380	41.623	nq	99
73) Carbazole	15.96	167	366366	40.304	nq	100
74) Di-n-butylphthalate	16.52	149	454961	36.472	nq	100
75) Fluoranthene	17.35	202	461986	40.115	nq	98
77) Benzidine	17.54	184	345207	79.932	nq	100
78) Pyrene	17.66	202	464054	40.292	nq	100
80) Butylbenzylphthalate	18.54	149	198801	37.025	nq	96
81) Benzo(a)anthracene	19.23	228	423953	39.223	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	86805	23.128	nq	99
83) Chrysene	19.28	228	406654	38.978	nq	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	279114	35.425	nq	99
85) Di-n-octyl phthalate	20.07	149	469338	35.940	nq	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	433198	38.446	nq	99
88) Benzo(b)fluoranthene	20.53	252	398220	39.539	nq	98
89) Benzo(k)fluoranthene	20.57	252	386308	40.266	nq	99
90) Benzo(a)pyrene	20.95	252	357021	38.913	nq	98
91) Dibenzo(a,h)anthracene	22.69	278	357259	39.825	nq	99
92) Benzo(g,h,i)perylene	23.15	276	352815	41.159	nq	98

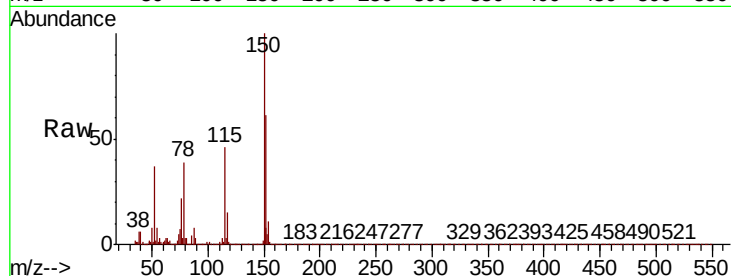
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.0	186.0
115	74.7	59.3	88.9

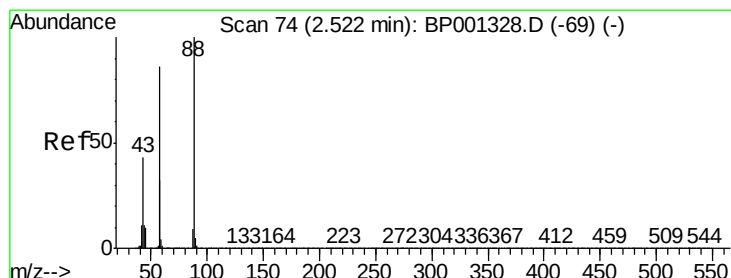
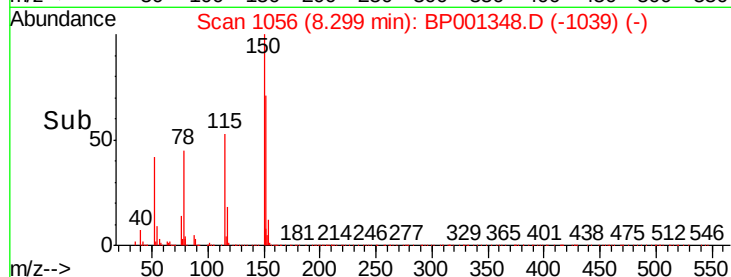
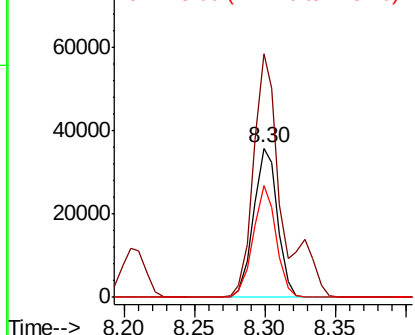


Abundance

Ion 152.00 (151.70 to 152.70): E

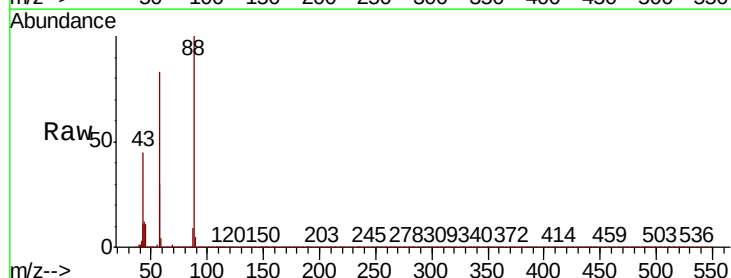
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 42.786 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	69.6	104.4
43	43.1	33.7	50.5

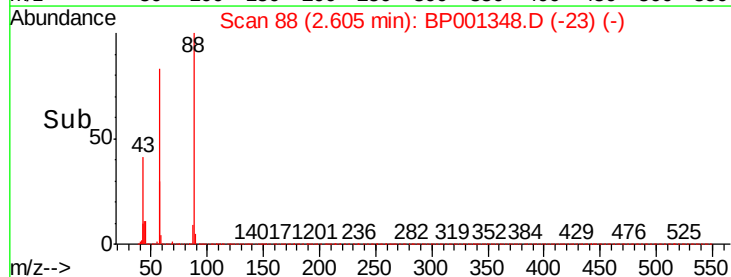
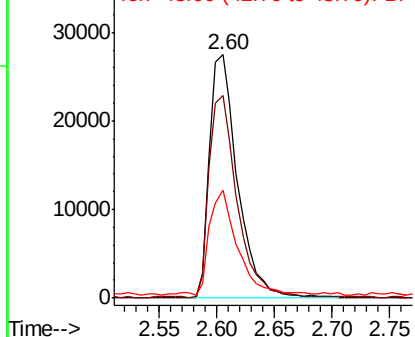


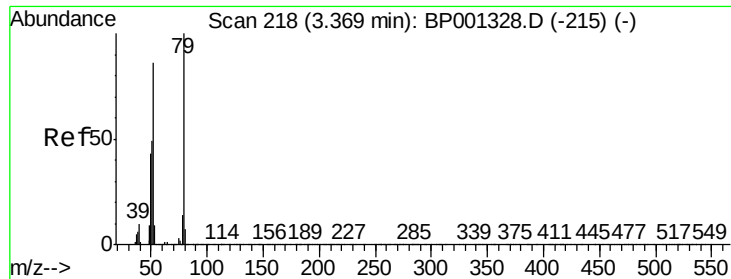
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 37.769 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.07 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

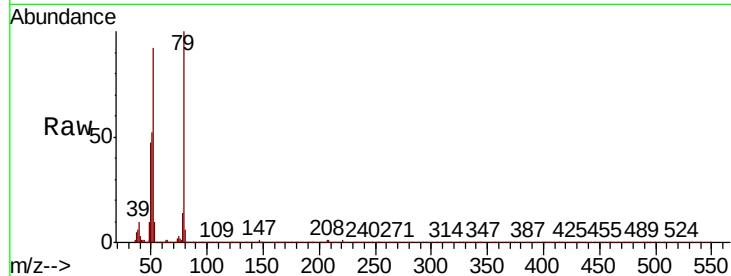
Tot Ion: 79 Resp: 112185

Ion Ratio Lower Upper

79 100

52 92.0 68.5 102.7

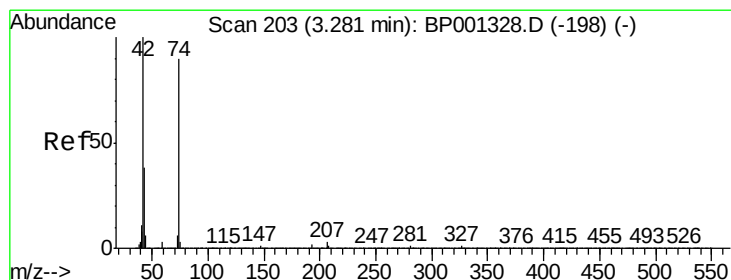
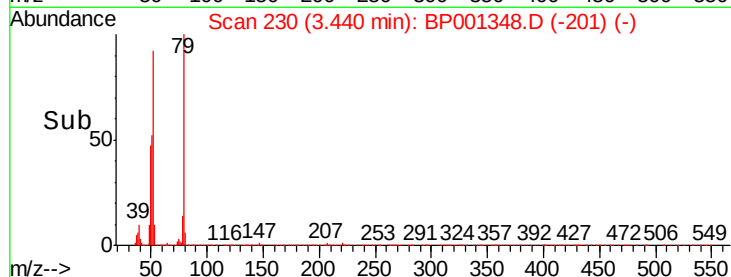
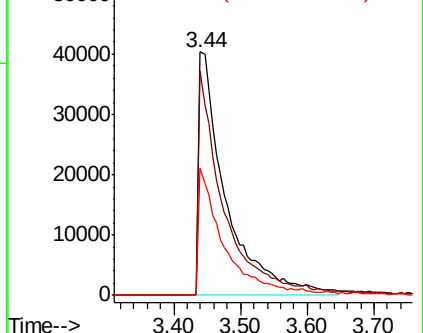
51 52.2 39.5 59.3



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: 45.212 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.08 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

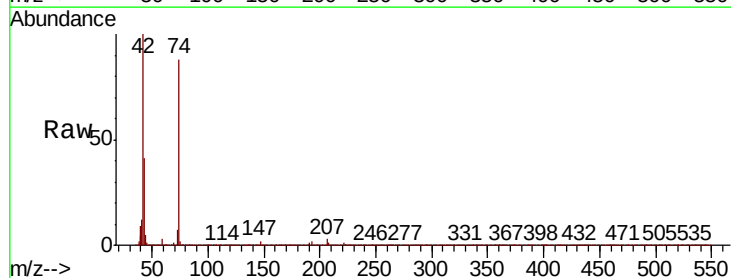
Tgt Ion: 42 Resp: 85034

Ion Ratio Lower Upper

42 100

74 88.1 72.2 108.4

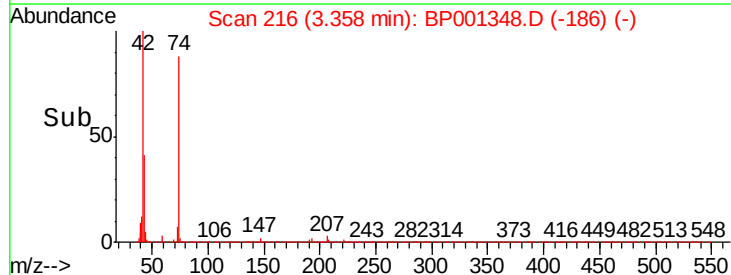
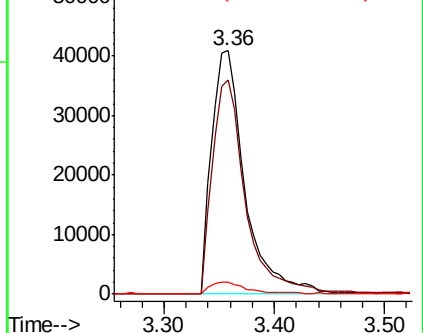
44 5.0 4.5 6.7

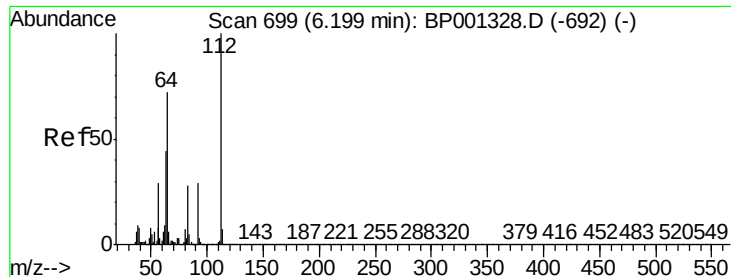


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 77.678 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001348.D

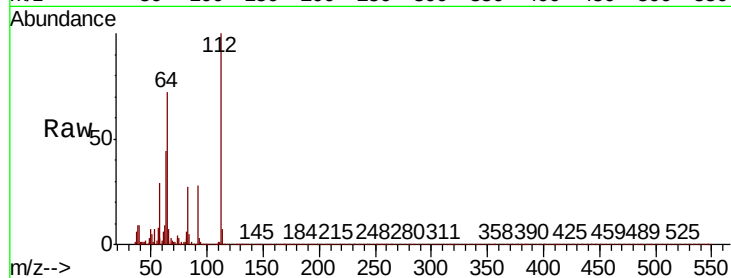
Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

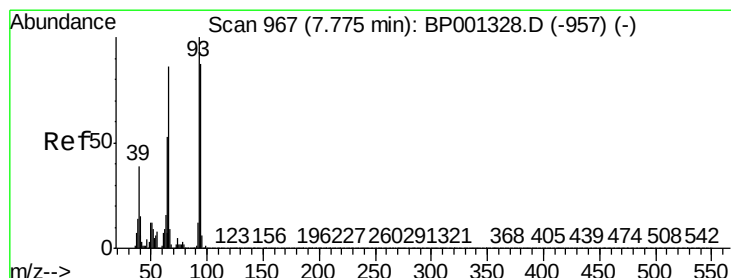
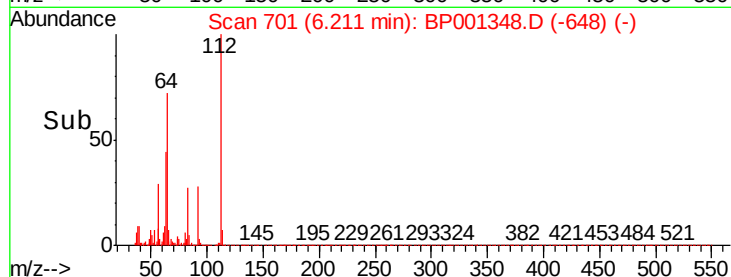
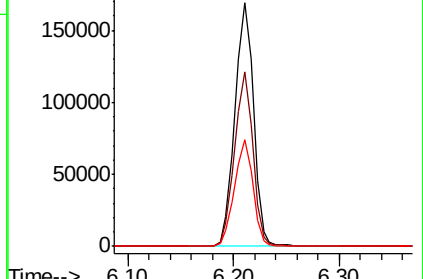
Tot Ion:	112	Resp:	205232
Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.6	86.4
63	43.8	35.1	52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.782 ng

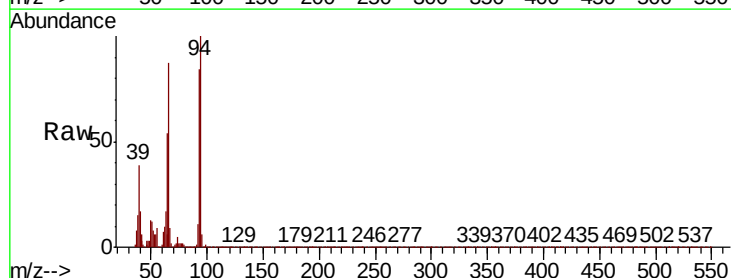
RT: 7.78 min Scan# 967

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

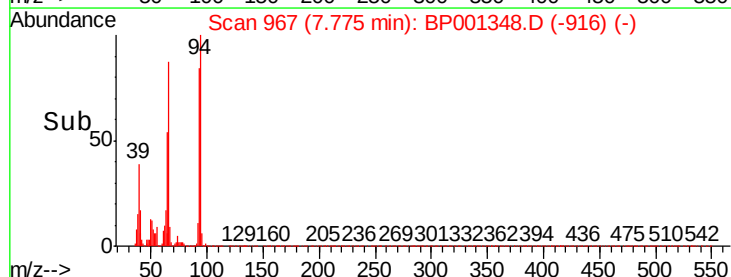
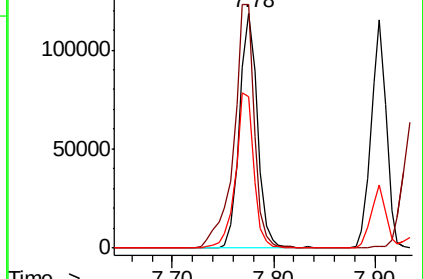
Tgt Ion:	93	Resp:	146611
Ion	Ratio	Lower	Upper
93	100		
66	103.5	69.0	103.6
65	64.2	42.2	63.4

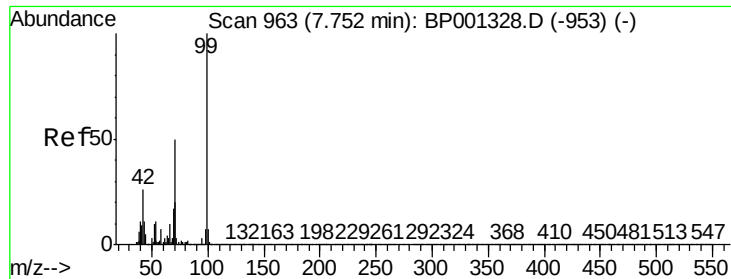


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 77.617 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

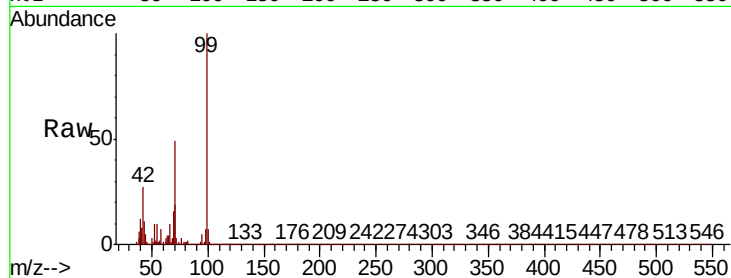
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 267590

Ion	Ratio	Lower	Upper
99	100		
42	27.0	20.9	31.3
71	49.2	40.0	60.0



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

250000

200000

150000

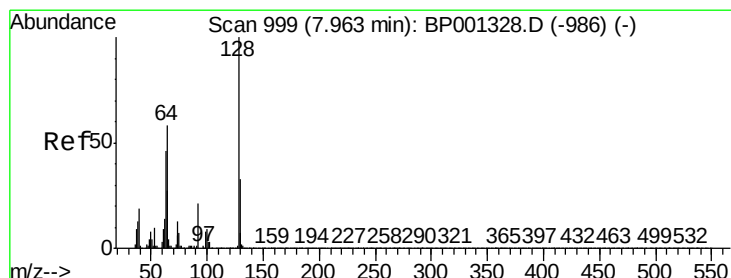
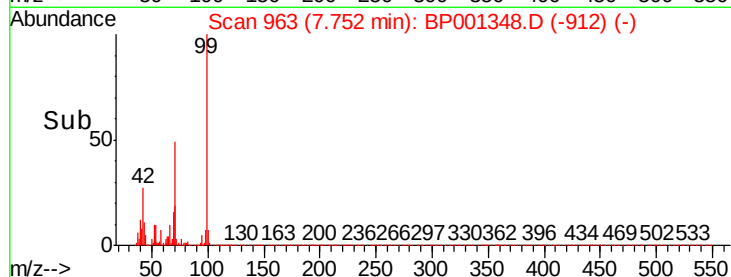
100000

50000

0

7.75

Time-->



#8

2-Chlorophenol

Concen: 45.199 ng

RT: 7.96 min Scan# 999

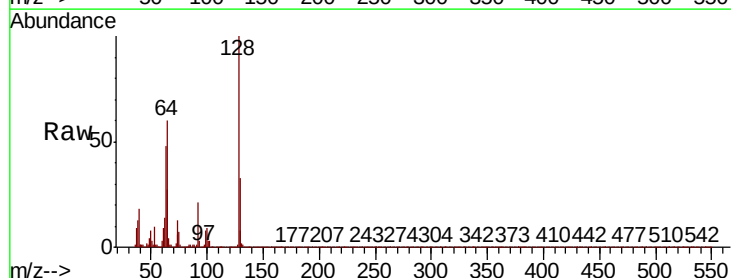
Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Tgt Ion: 128 Resp: 120056

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.5	53.5
64	60.2	38.2	78.2



Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

150000

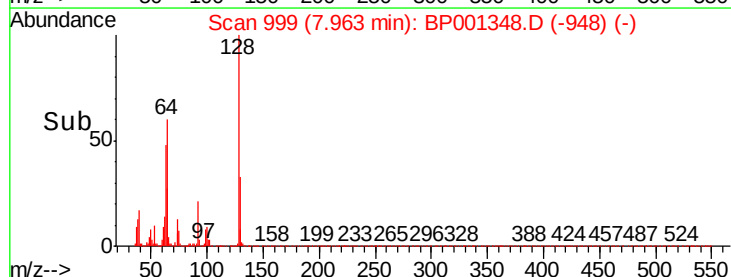
100000

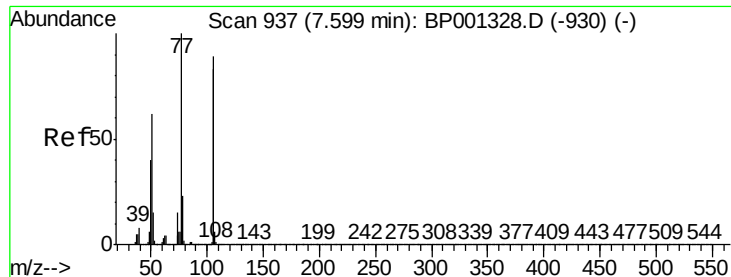
50000

0

7.96

Time-->





#9

Benzaldehyde

Concen: 39.148 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampled :

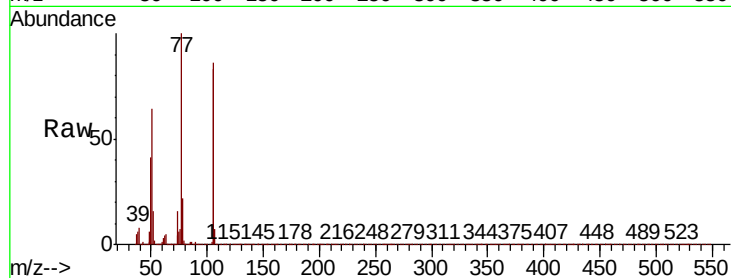
Tot Ion: 77 Resp: 94677

Ion	Ratio	Lower	Upper
77	100		
105	85.9	68.6	108.6
106	83.0	62.5	102.5

77 100

105 85.9 68.6 108.6

106 83.0 62.5 102.5

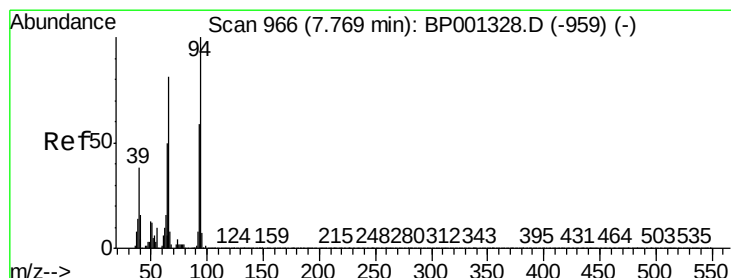
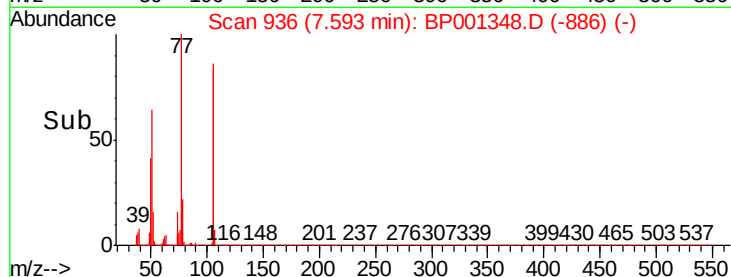
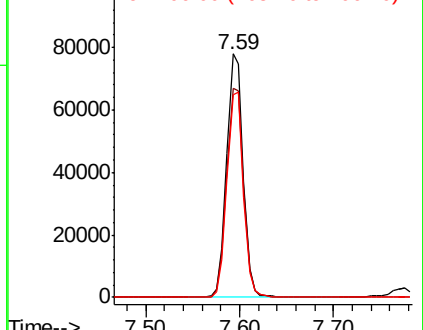


Abundance

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: 43.188 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

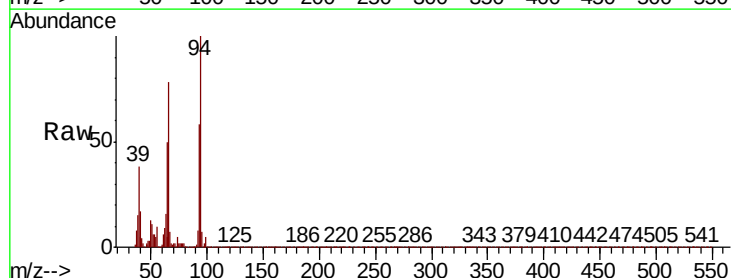
Tgt Ion: 94 Resp: 170123

Ion	Ratio	Lower	Upper
94	100		
65	50.0	30.4	70.4
66	78.4	62.0	102.0

94 100

65 50.0 30.4 70.4

66 78.4 62.0 102.0

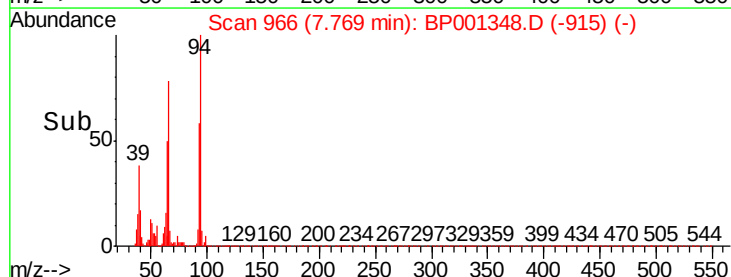
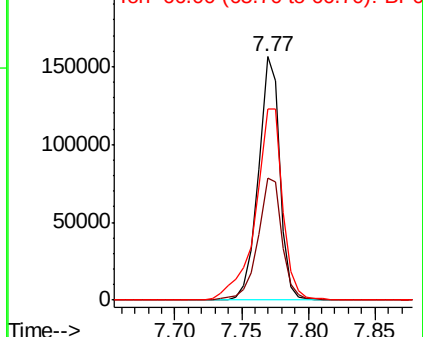


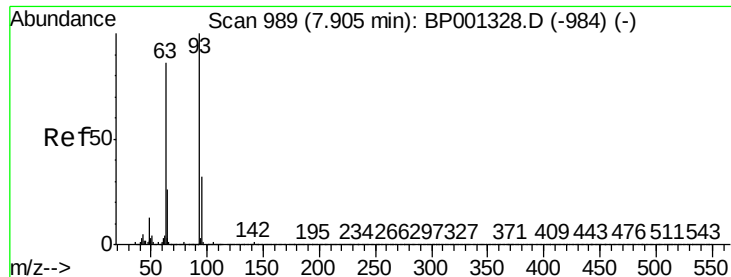
Abundance

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

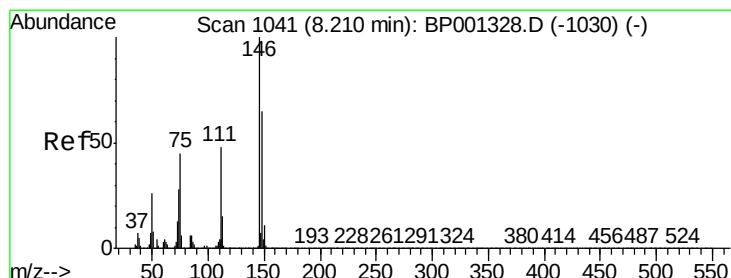
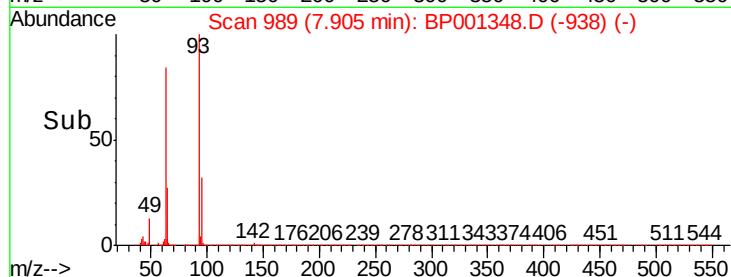
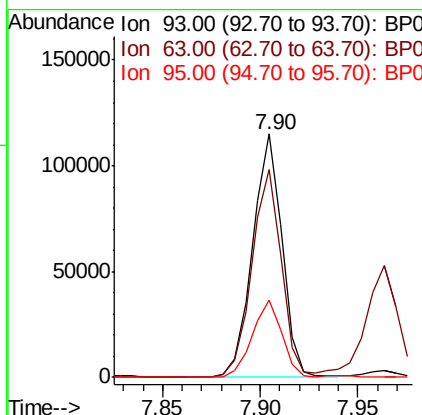
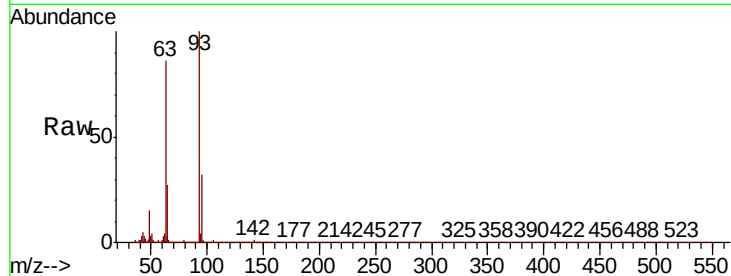




#11
bis(2-Chloroethyl)ether
Concen: 42.915 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

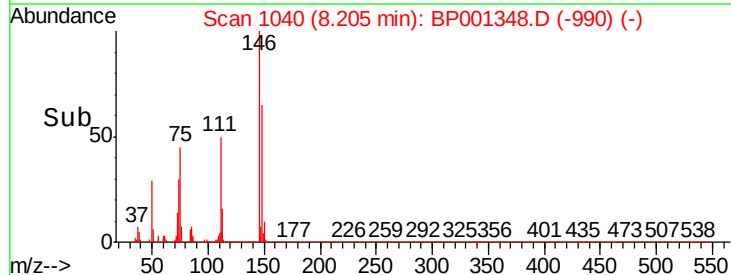
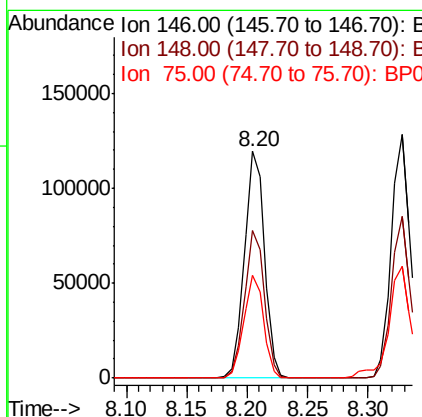
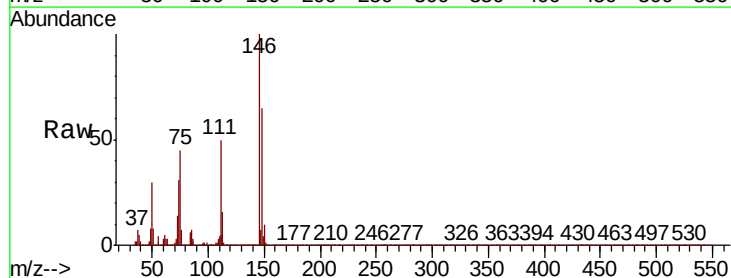
Instrument :
BNA_P
ClientSampleId :

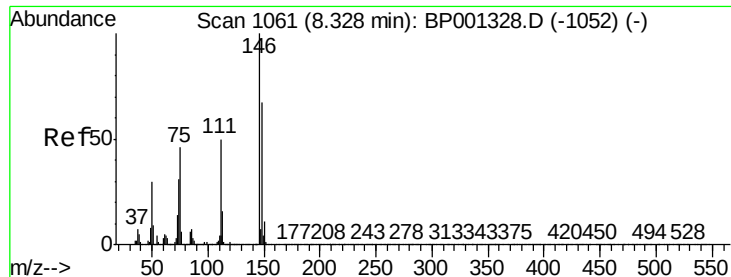
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	66.2	106.2
95	31.7	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 42.044 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
75	45.2	36.2	54.4

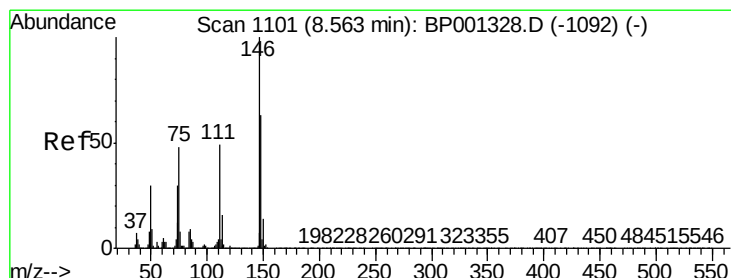
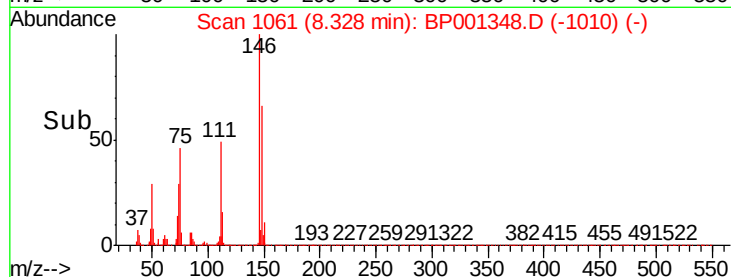
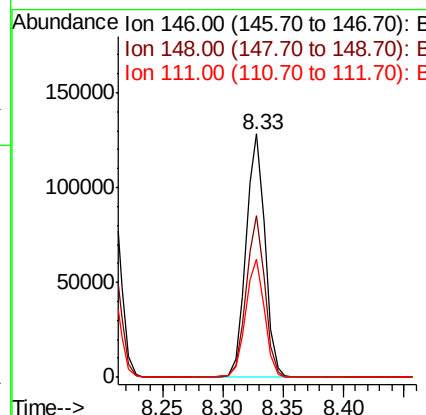
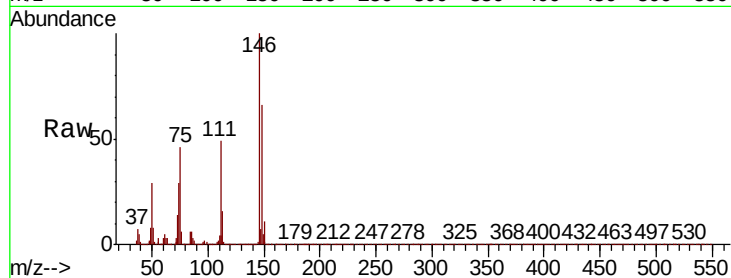




#13
1,4-Dichlorobenzene
Concen: 41.616 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

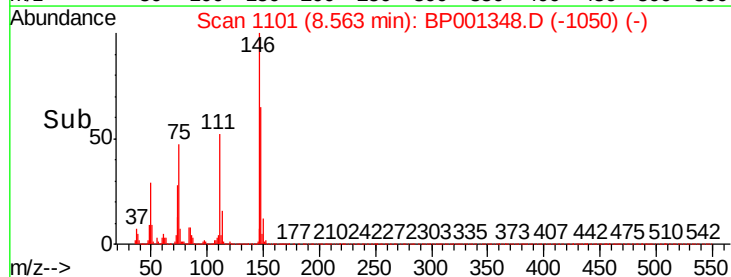
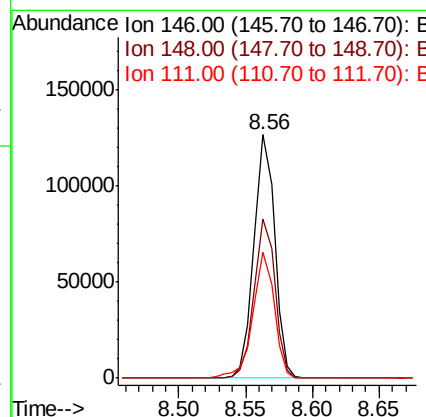
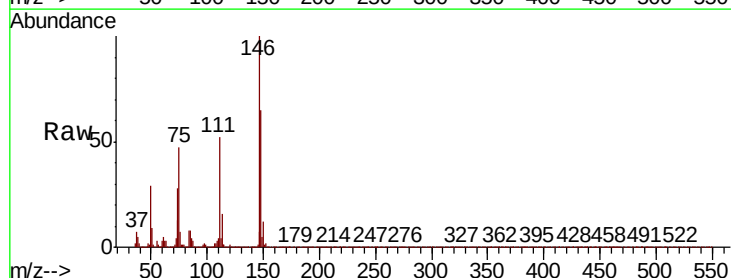
Instrument :
BNA_P
ClientSampleId :

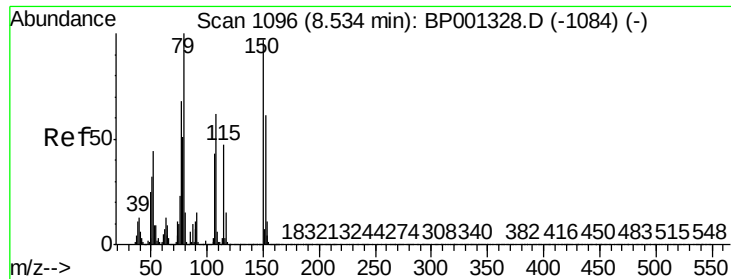
Tot Ion:146 Resp: 140276
Ion Ratio Lower Upper
146 100
148 66.5 53.3 79.9
111 48.7 40.2 60.4



#14
1,2-Dichlorobenzene
Concen: 42.141 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:146 Resp: 135323
Ion Ratio Lower Upper
146 100
148 65.4 50.8 76.2
111 51.6 39.4 59.2

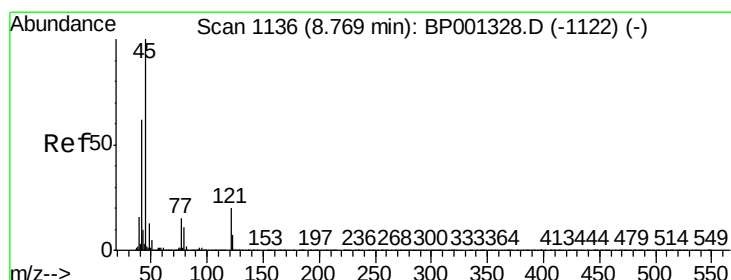
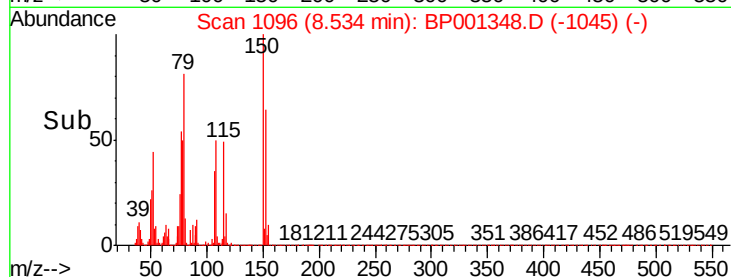
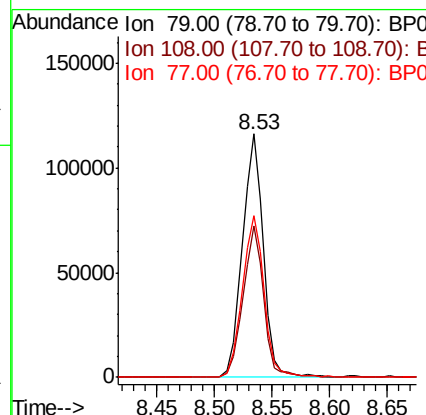
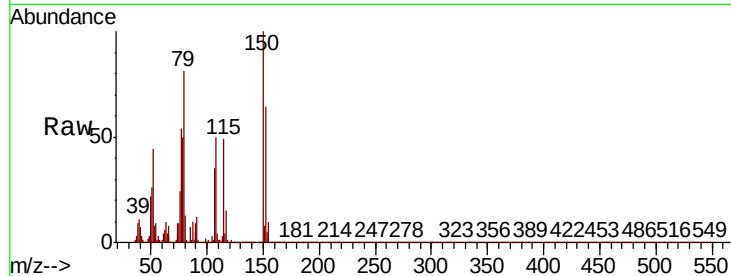




#15
Benzyl Alcohol
Concen: 44.985 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

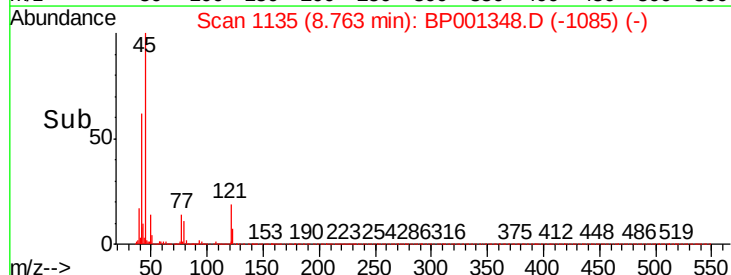
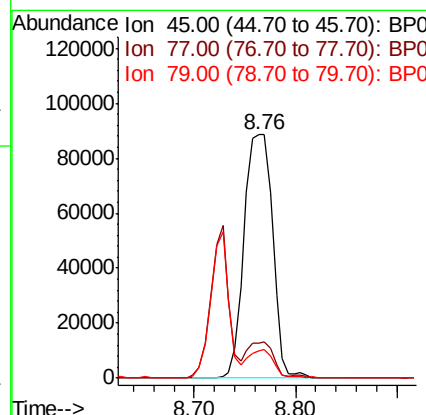
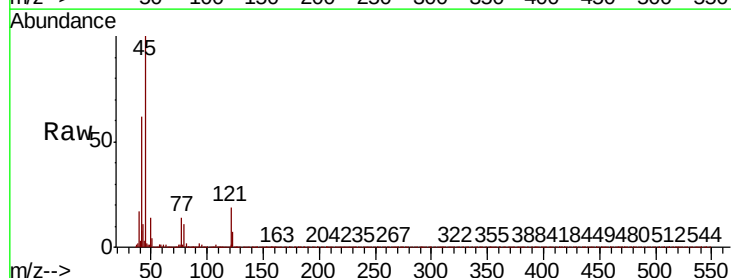
Instrument :
BNA_P
ClientSampleId :

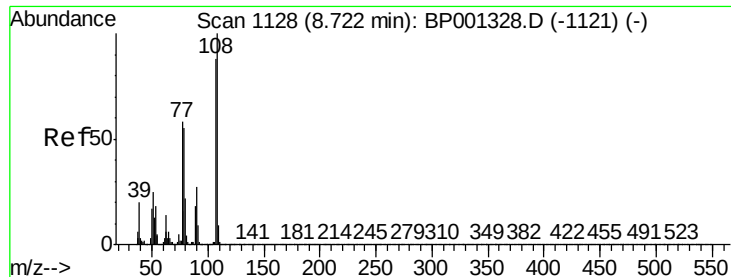
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.2	49.3	73.9
77	66.3	54.4	81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.246 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.0	0.0	31.2

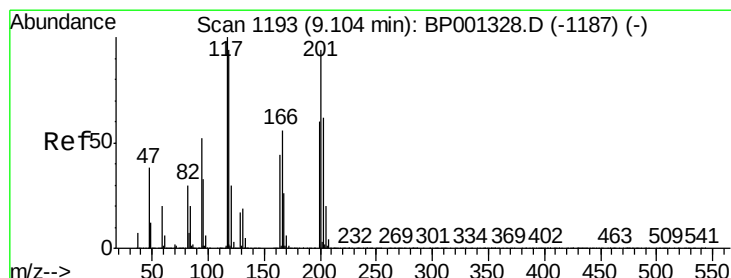
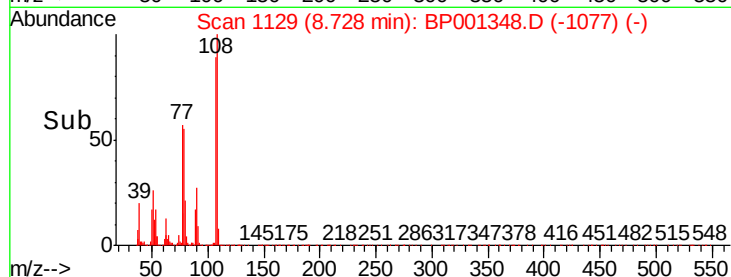
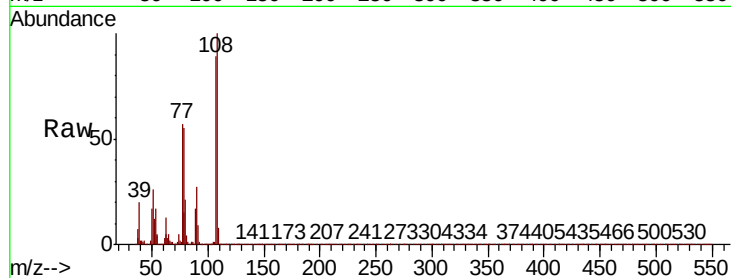
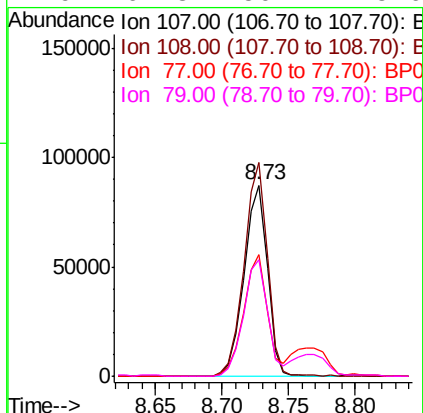




#17
2-Methylphenol
Concen: 44.712 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

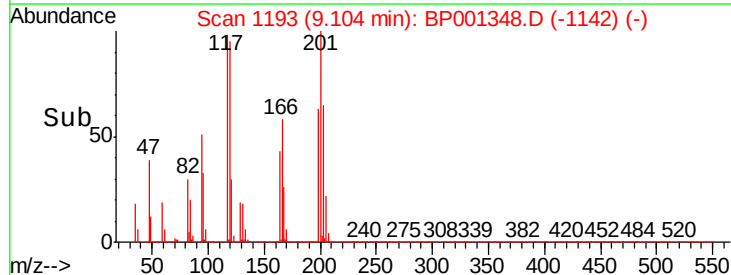
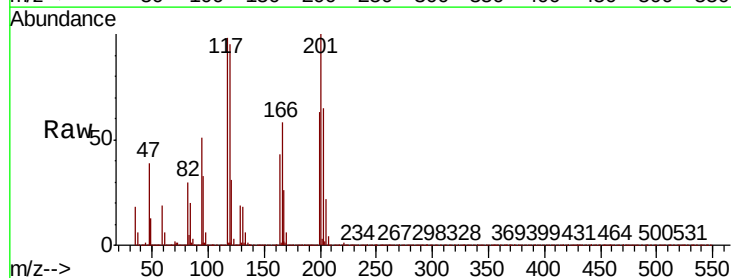
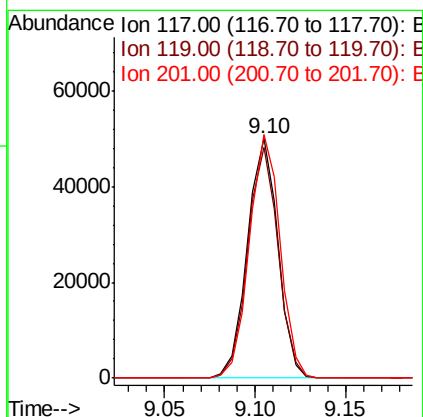
Instrument :
BNA_P
ClientSampled :

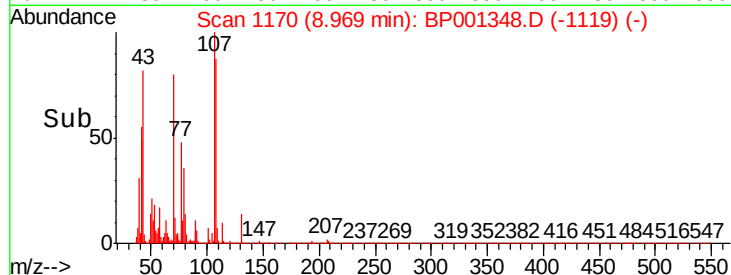
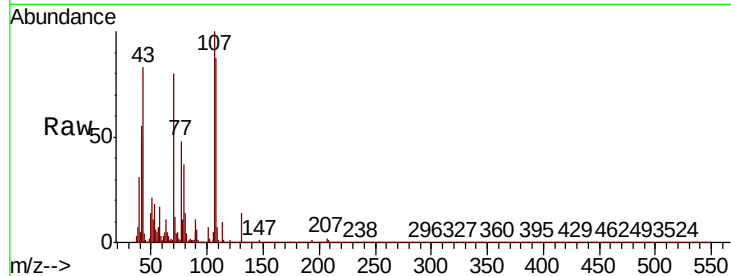
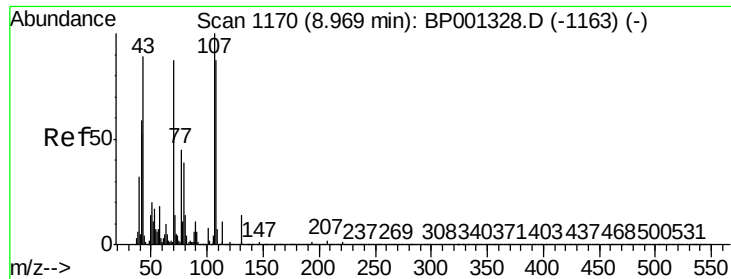
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.7	136.1
77	63.6	52.7	79.1
79	61.3	50.4	75.6



#18
Hexachloroethane
Concen: 40.814 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.0	112.4
201	101.7	75.6	113.4

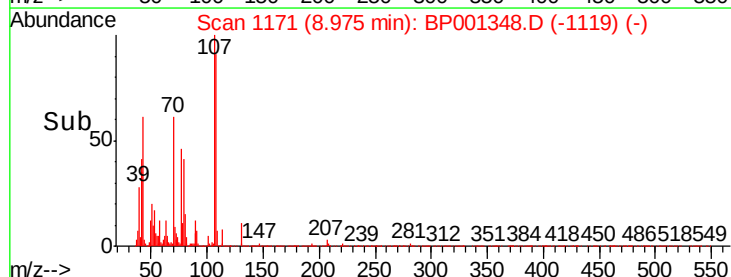
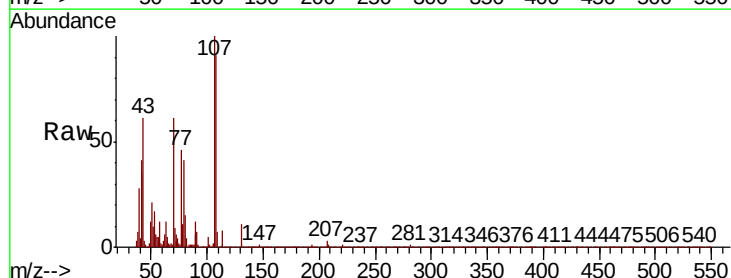
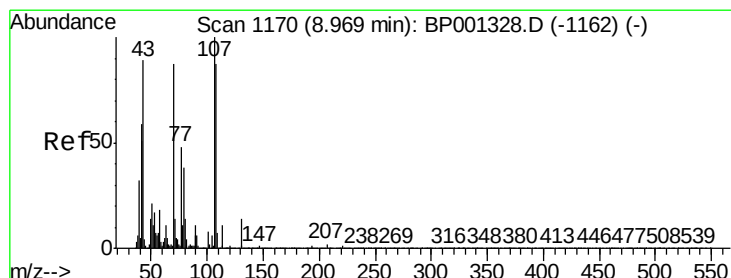
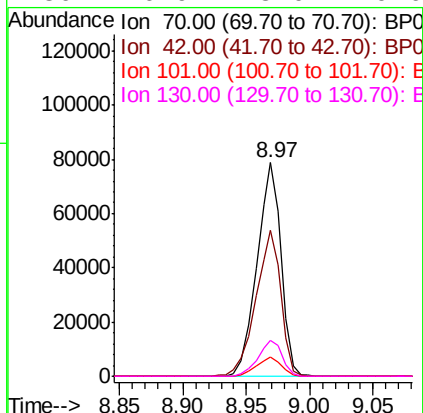




#19
n-Nitroso-di-n-propylamine
Concen: 42.413 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

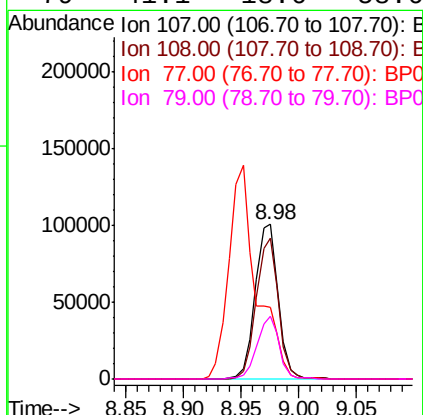
Instrument :
BNA_P
ClientSampleId :

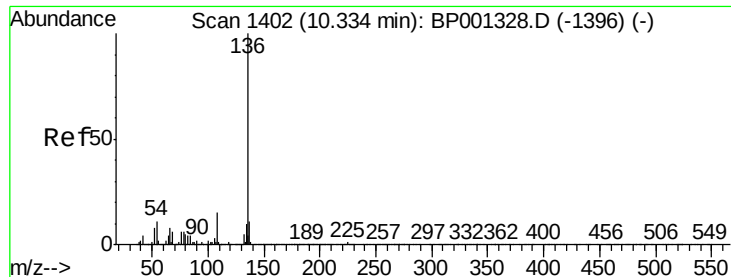
Tot Ion:	70	Resp:	103803
Ion	Ratio	Lower	Upper
70	100		
42	68.6	54.1	81.1
101	9.2	7.0	10.4
130	16.9	13.0	19.6



#20
3+4-Methylphenols
Concen: 44.645 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:	107	Resp:	139055
Ion	Ratio	Lower	Upper
107	100		
108	91.1	67.2	107.2
77	46.1	28.0	68.0
79	41.1	18.6	58.6

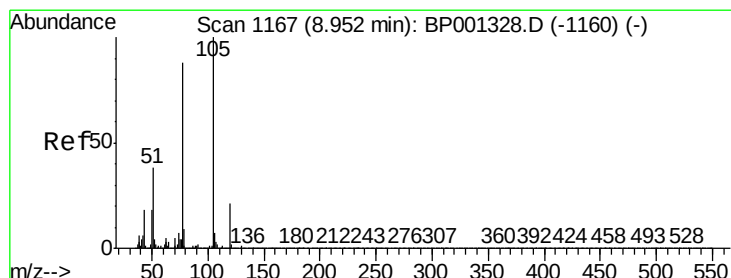
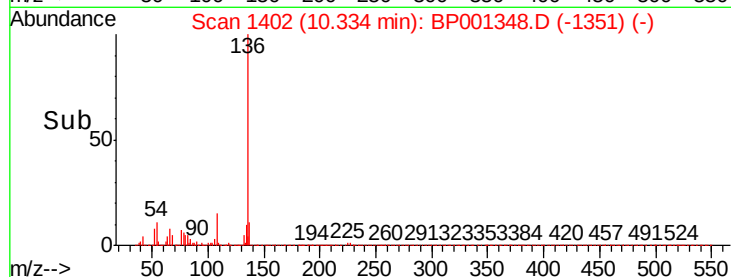
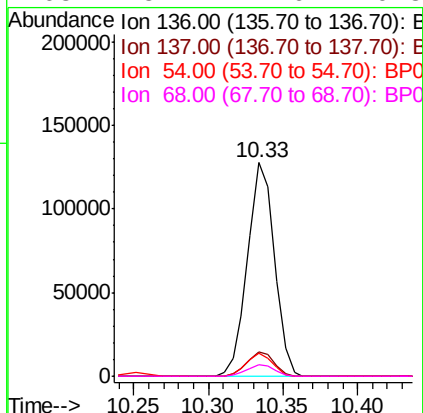
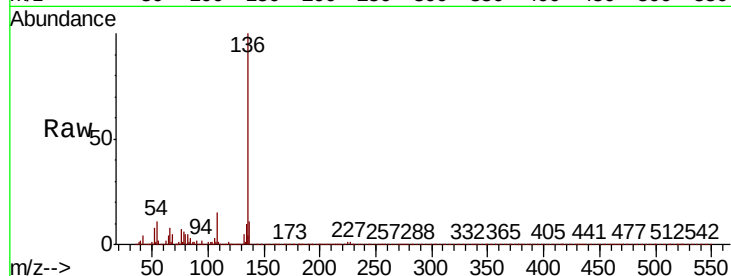




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

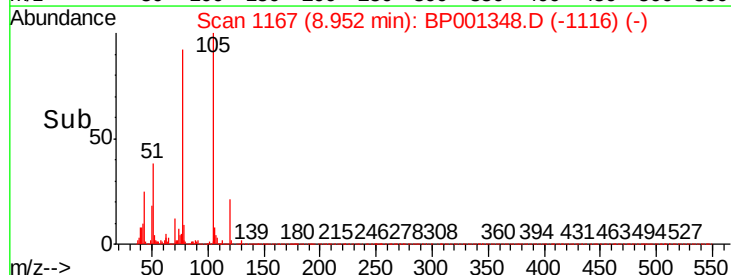
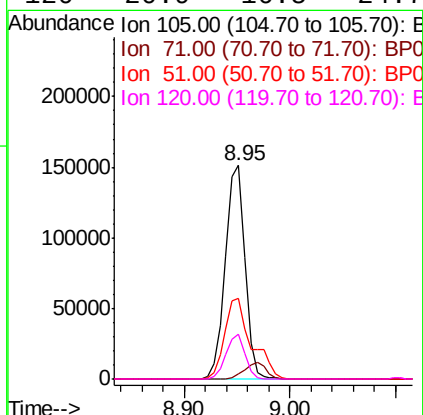
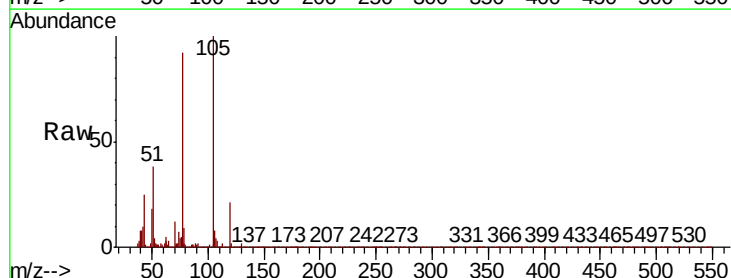
Instrument :
BNA_P
ClientSampleId :

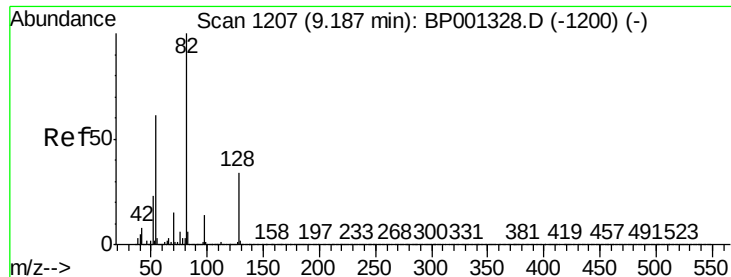
Tot Ion:136	Resp:	159175
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	11.0	8.8 13.2
68	5.4	4.6 6.8



#22
Acetophenone
Concen: 38.820 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:105	Resp:	195403
Ion Ratio	Lower	Upper
105	100	
71	2.3	0.8 1.2#
51	37.6	30.6 45.8
120	20.9	16.5 24.7

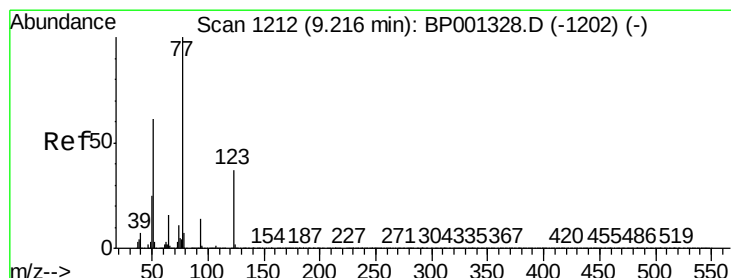
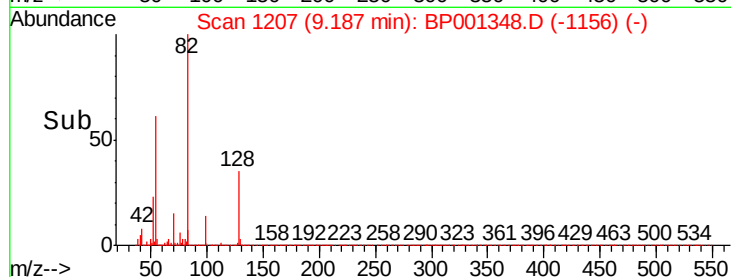
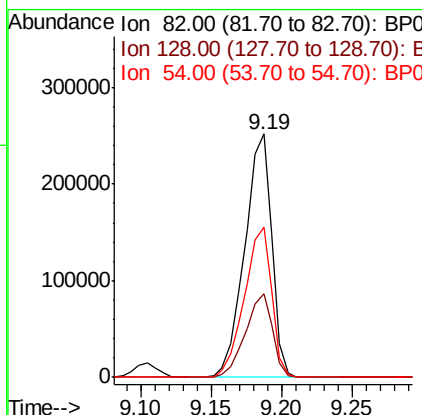
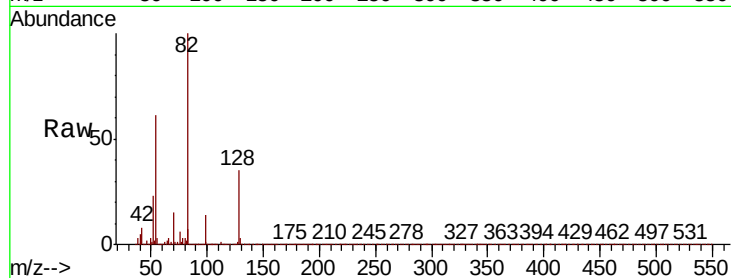




#23
 Nitrobenzene-d5
 Concen: 81.596 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

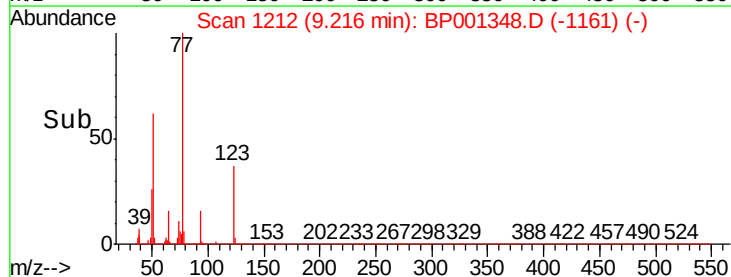
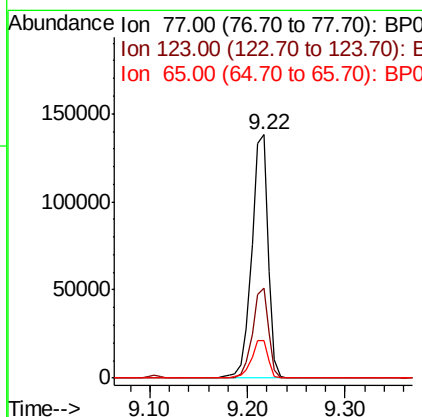
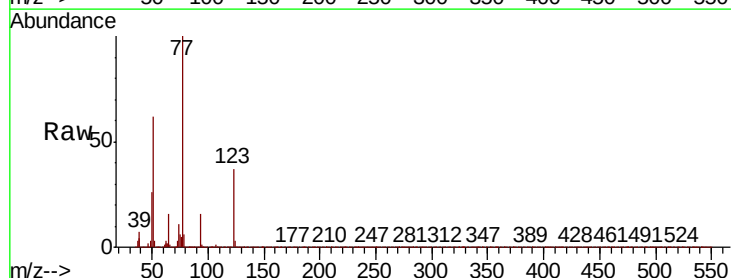
Instrument :
 BNA_P
 ClientSampleId :

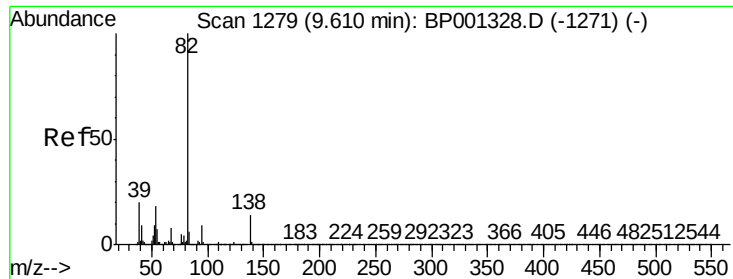
Tot Ion	82	Resp	338221
Ion Ratio	100	Lower	Upper
128	34.5	27.0	40.4
54	61.5	49.0	73.4



#24
 Nitrobenzene
 Concen: 39.931 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion	77	Resp	162904
Ion Ratio	100	Lower	Upper
123	37.0	29.4	44.0
65	15.6	12.4	18.6





#25

Isophorone

Concen: 41.070 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampled :

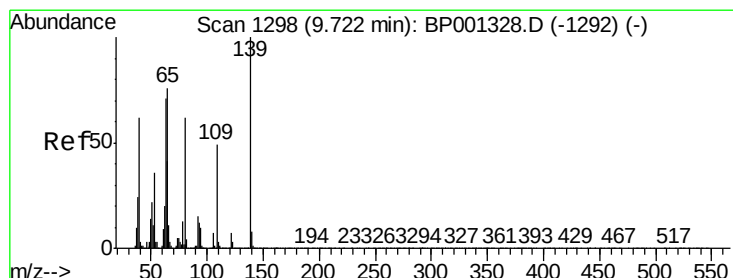
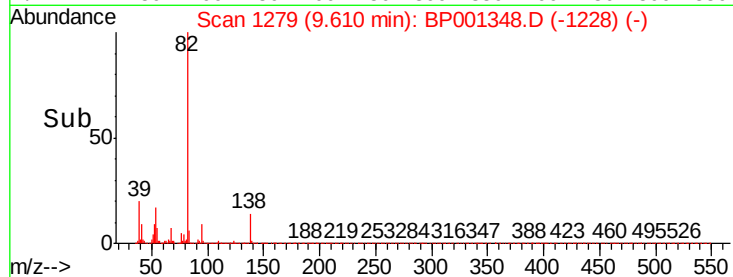
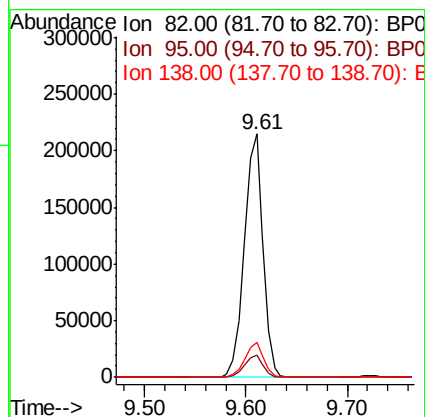
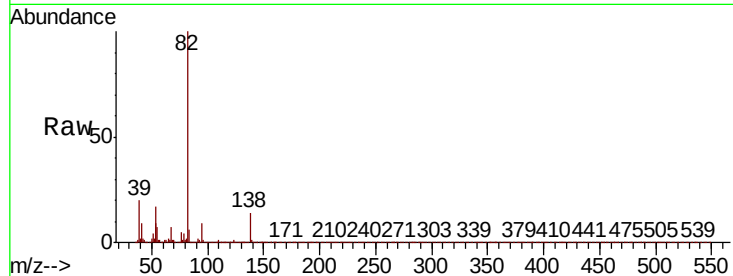
Tot Ion: 82 Resp: 273728

Ion Ratio Lower Upper

82 100

95 9.0 7.3 10.9

138 14.4 11.5 17.3



#26

2-Nitrophenol

Concen: 42.533 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

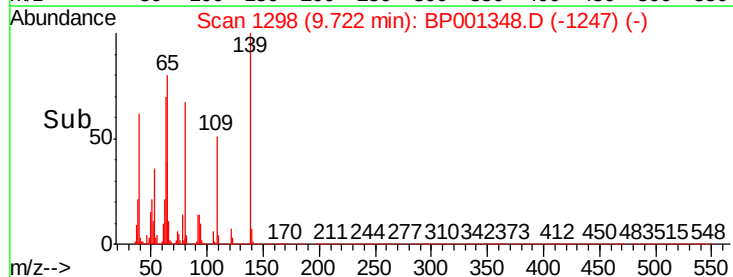
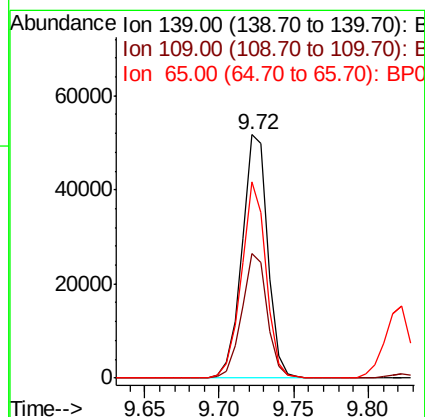
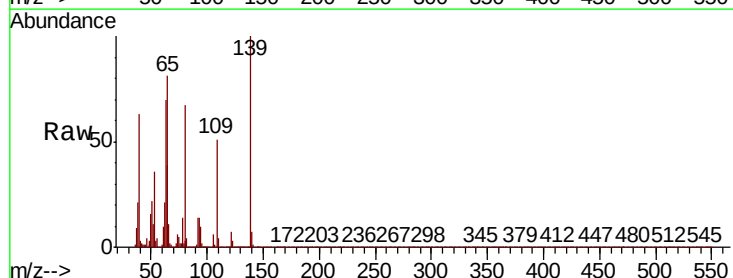
Tgt Ion: 139 Resp: 61875

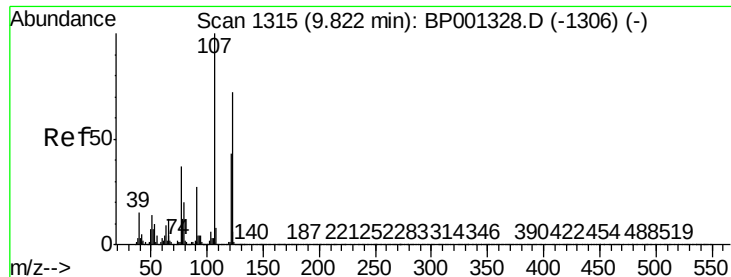
Ion Ratio Lower Upper

139 100

109 51.0 39.1 58.7

65 80.6 61.2 91.8





#27

2,4-Dimethylphenol

Concen: 49.836 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

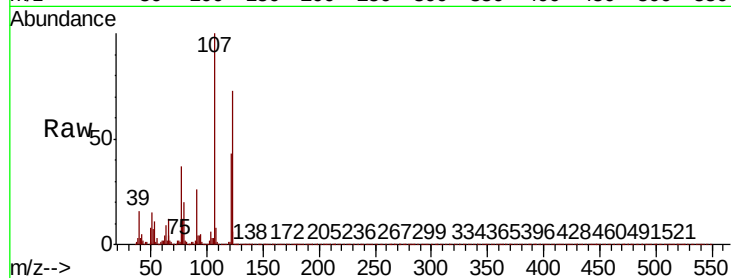
Tot Ion:122 Resp: 106630

Ion Ratio Lower Upper

122 100

107 136.4 111.9 167.9

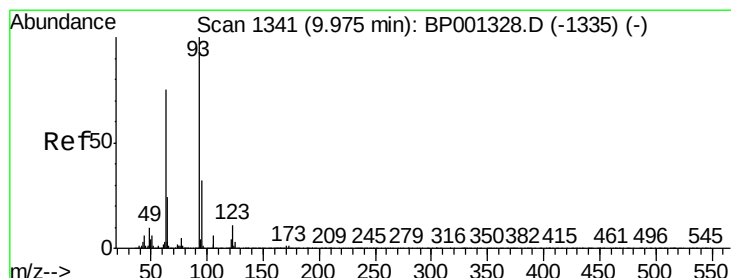
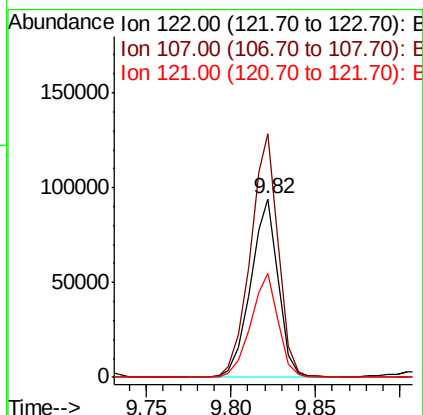
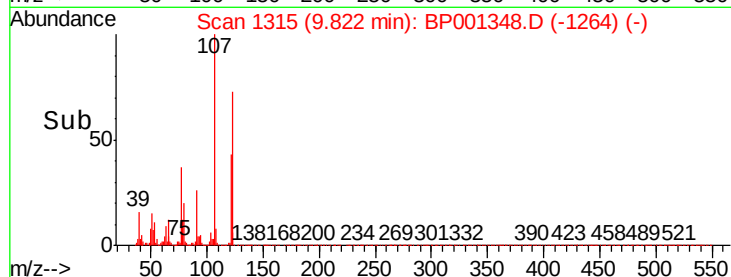
121 58.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.218 ng

RT: 9.98 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

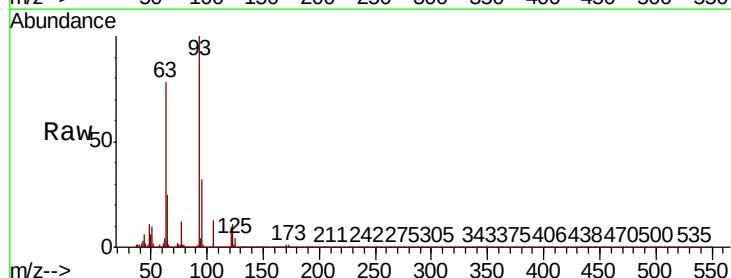
Tgt Ion: 93 Resp: 148155

Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

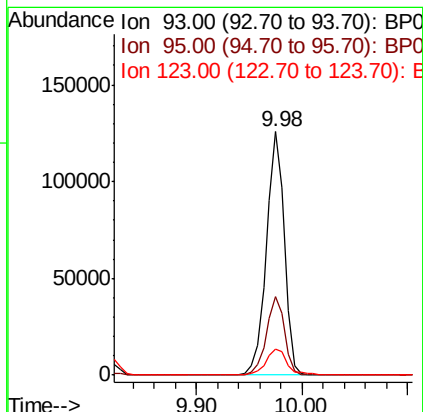
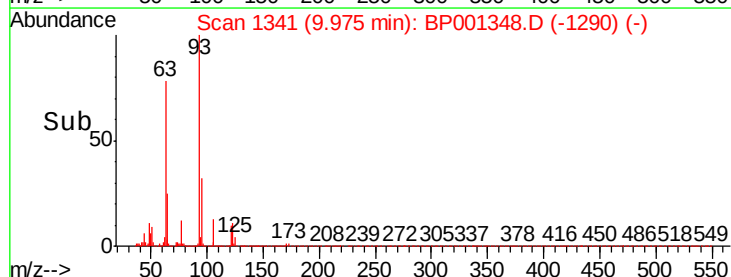
123 10.7 8.8 13.2

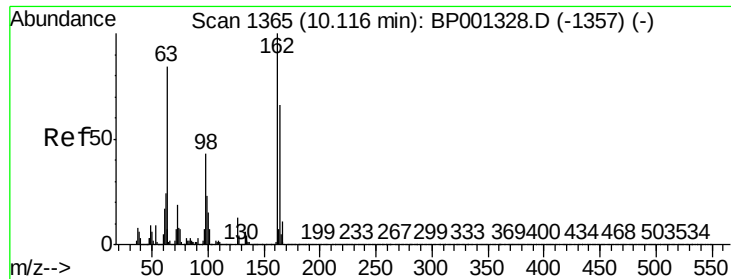


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

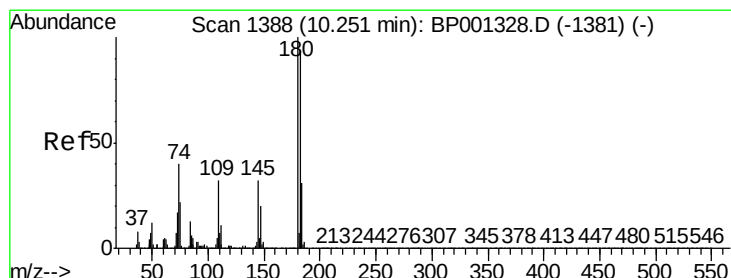
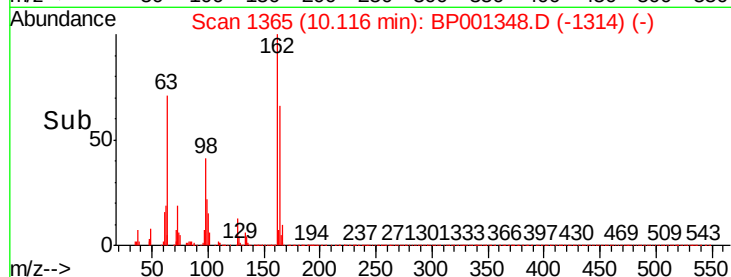
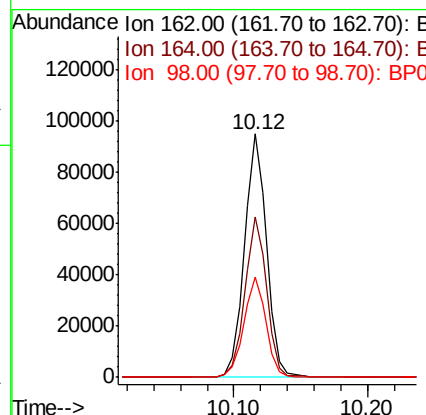
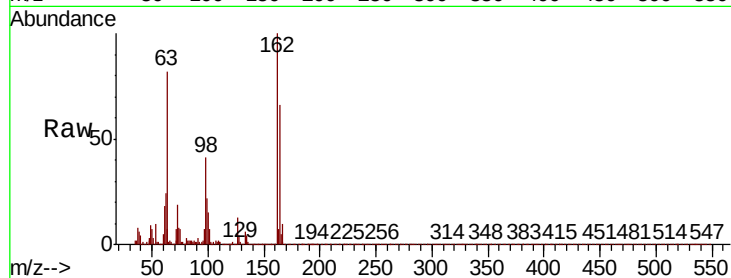




#29
2,4-Dichlorophenol
Concen: 40.886 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

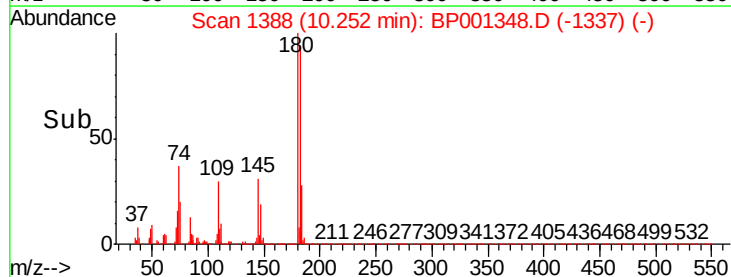
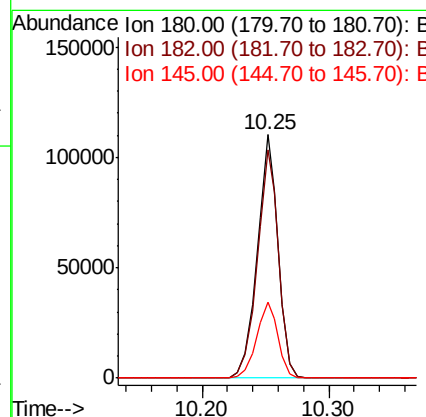
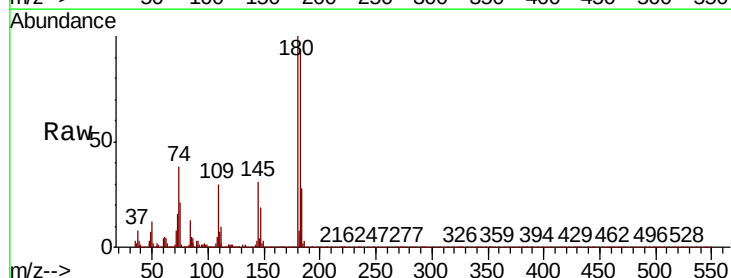
Instrument :
BNA_P
ClientSampleId :

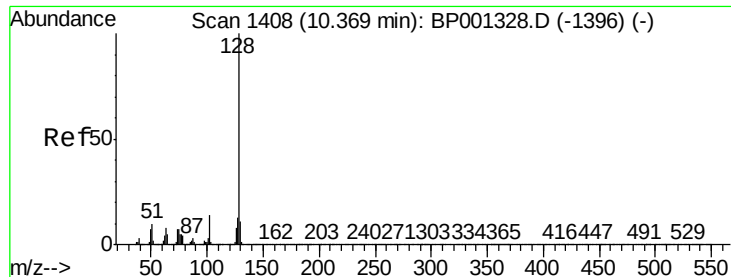
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.9	85.9
98	41.4	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 38.592 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	30.9	25.8	38.8

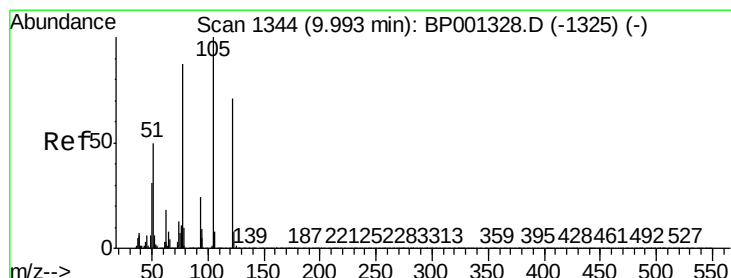
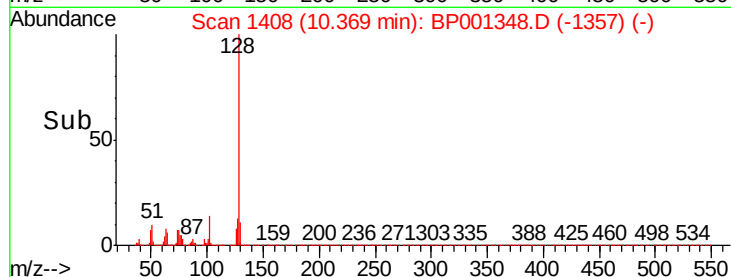
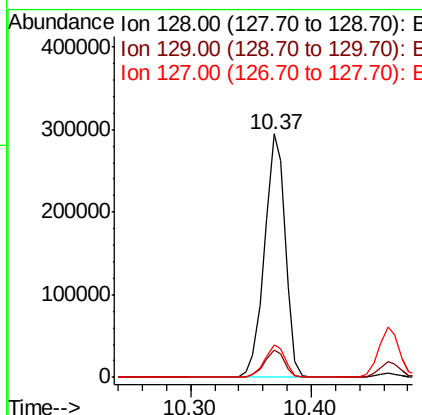
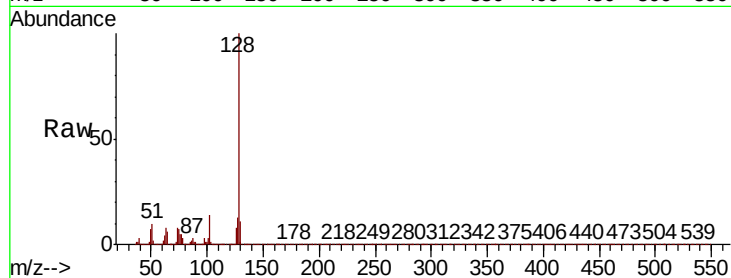




#31
Naphthalene
Concen: 40.647 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

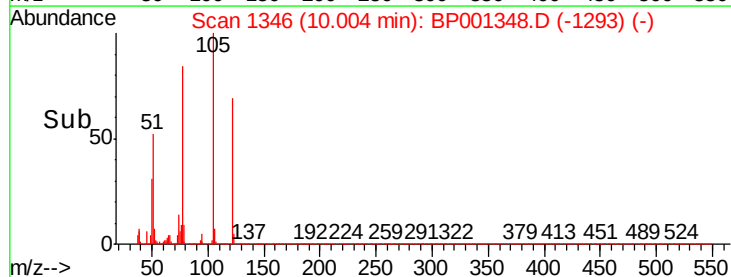
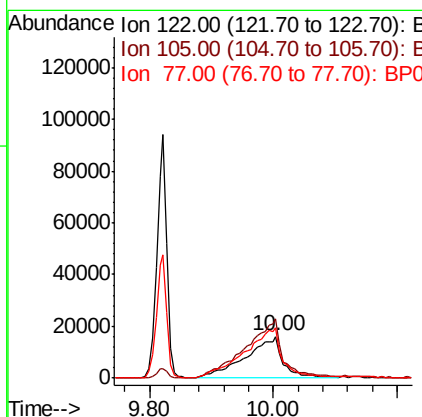
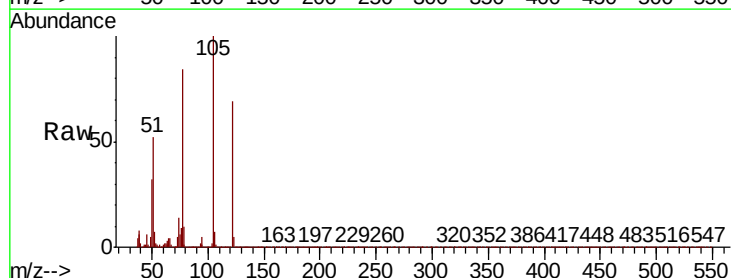
Instrument :
BNA_P
ClientSampleId :

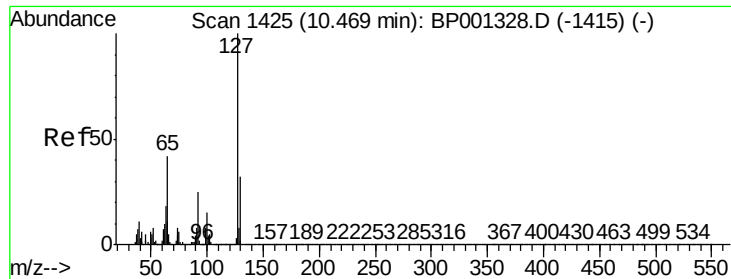
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.7	16.1



#32
Benzoic acid
Concen: 39.287 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.6	118.5	158.5
77	121.5	101.3	141.3

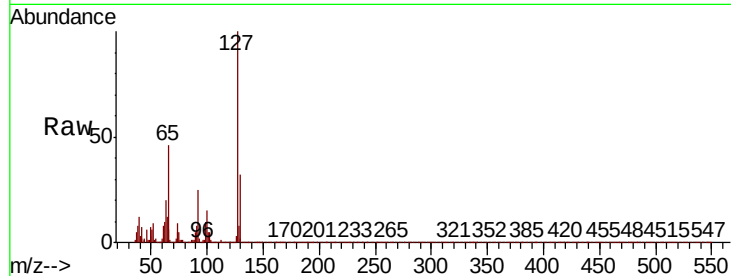




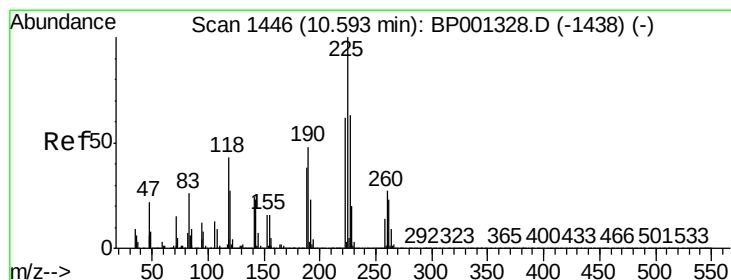
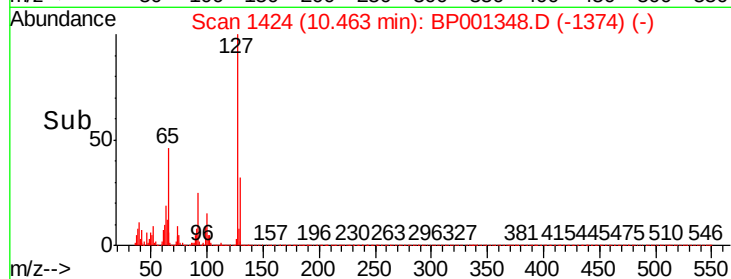
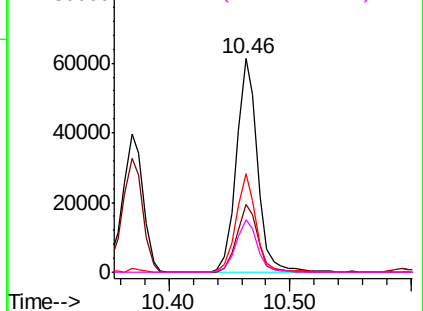
#33
4-Chloroaniline
Concen: 21.055 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	74817
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	46.0	33.6	50.4
92	24.7	19.8	29.6

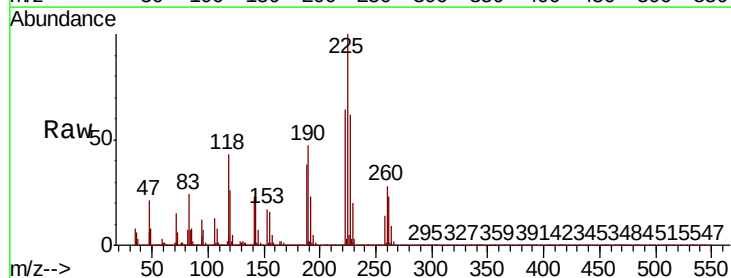


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

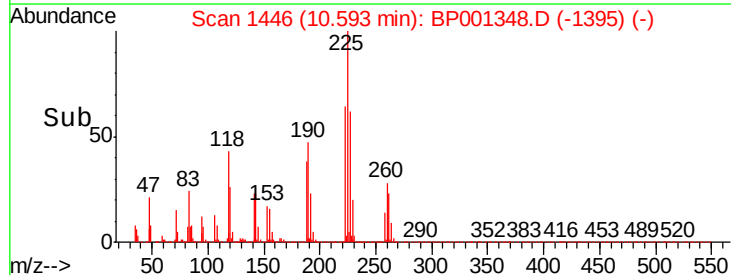
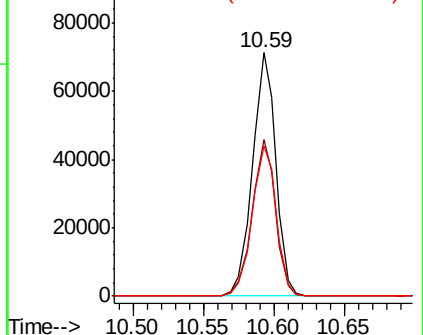


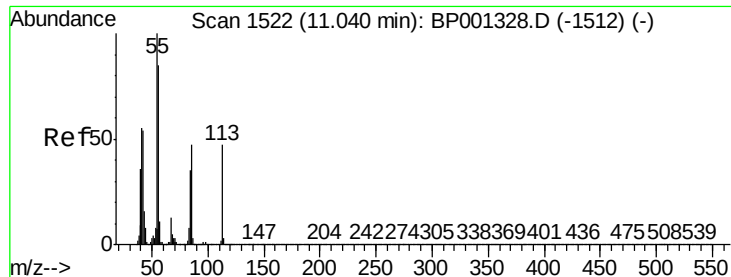
#34
Hexachlorobutadiene
Concen: 36.366 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:	225	Resp:	82657
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.2	73.8
227	61.6	50.3	75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

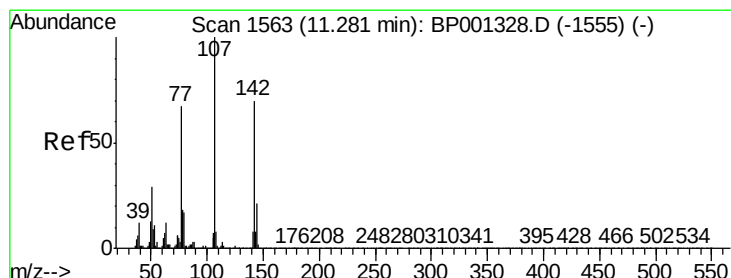
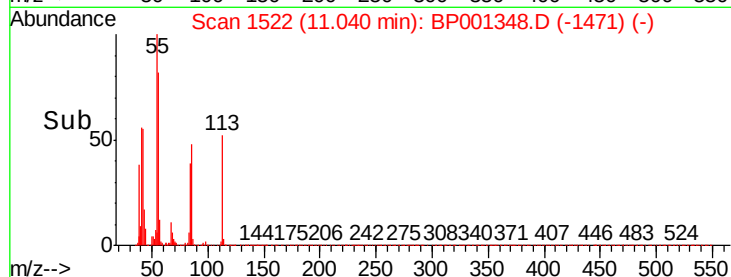
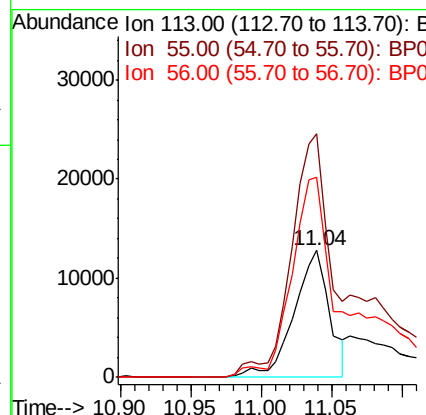
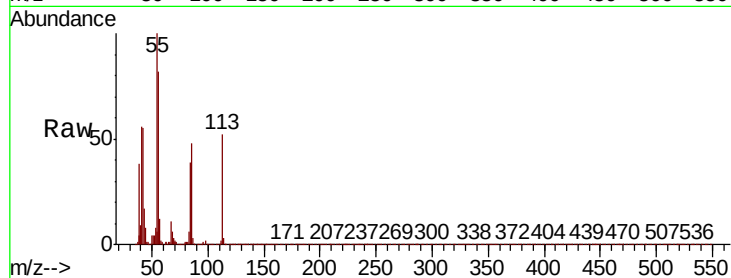




#35
 Caprolactam
 Concen: 28.294 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

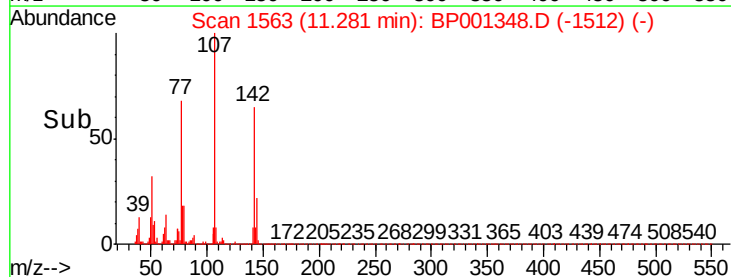
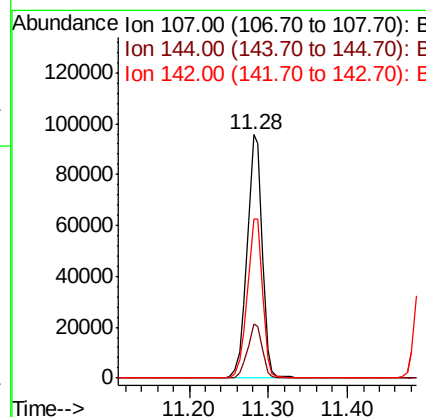
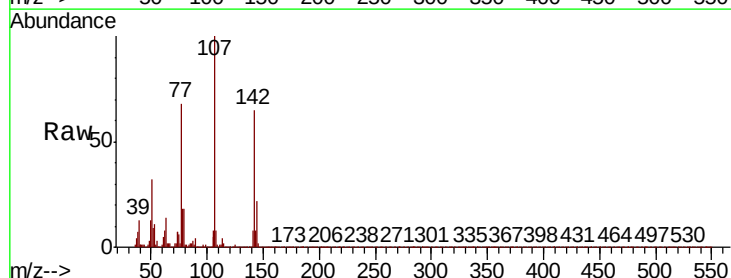
Instrument :
 BNA_P
 ClientSampleId :

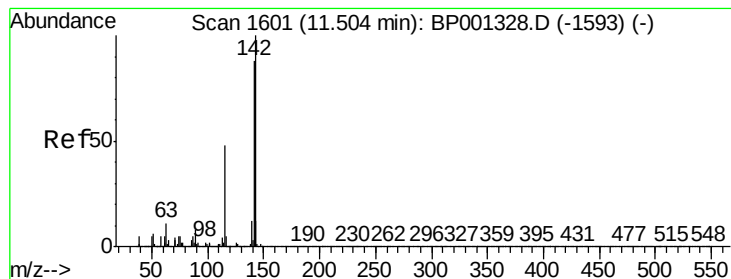
Tot Ion:113 Resp: 22305
 Ion Ratio Lower Upper
 113 100
 55 191.8 191.5 231.5
 56 157.3 160.5 200.5#



#36
 4-Chloro-3-methylphenol
 Concen: 40.897 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion:107 Resp: 126615
 Ion Ratio Lower Upper
 107 100
 144 22.2 16.9 25.3
 142 65.3 55.9 83.9





#37

2-Methylnaphthalene

Concen: 40.486 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampled :

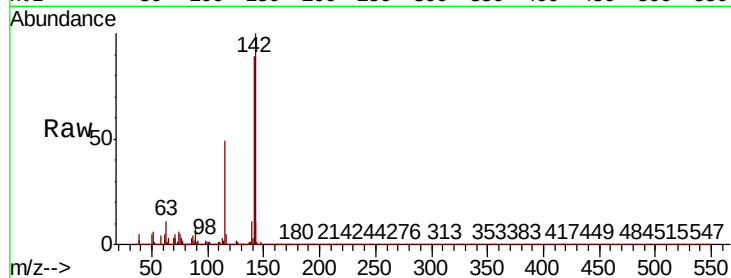
Tot Ion:142 Resp: 242854

Ion Ratio Lower Upper

142 100

141 89.2 70.2 105.4

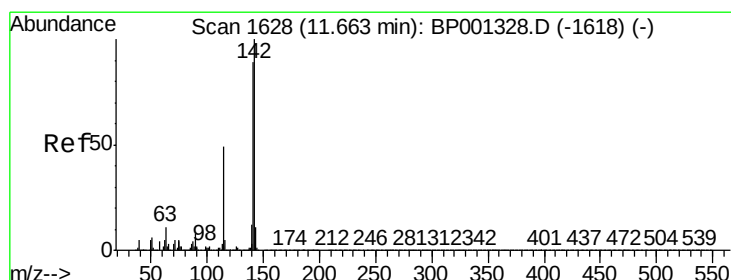
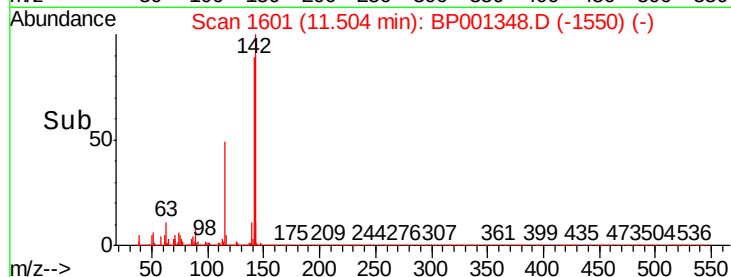
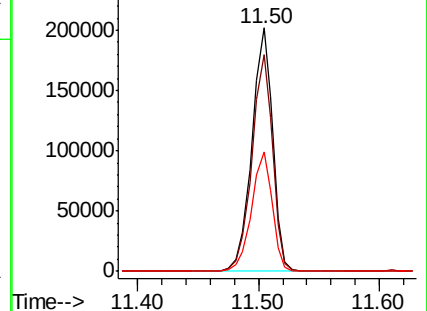
115 49.2 38.7 58.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.712 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

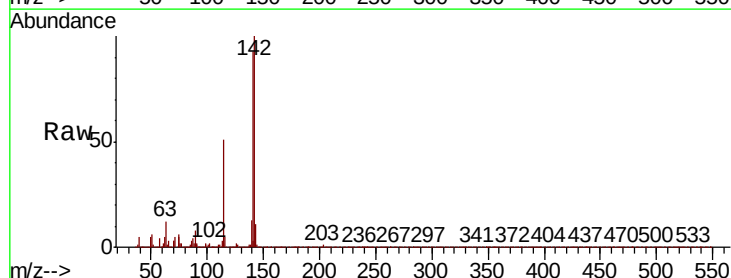
Tgt Ion:142 Resp: 229595

Ion Ratio Lower Upper

142 100

141 92.7 71.3 106.9

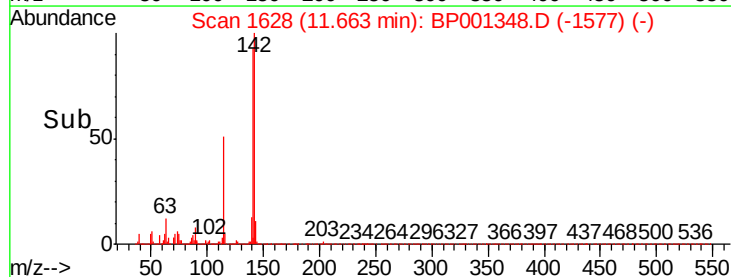
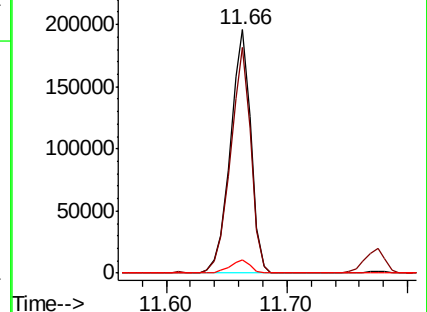
116 5.4 4.2 6.2

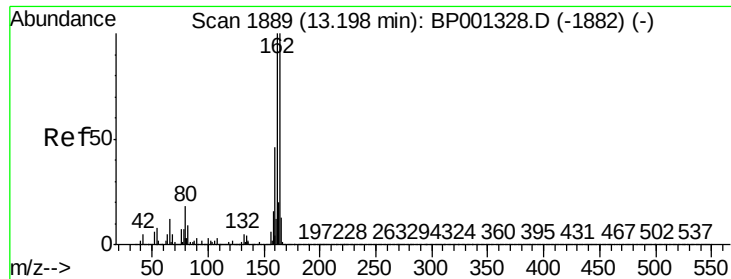


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

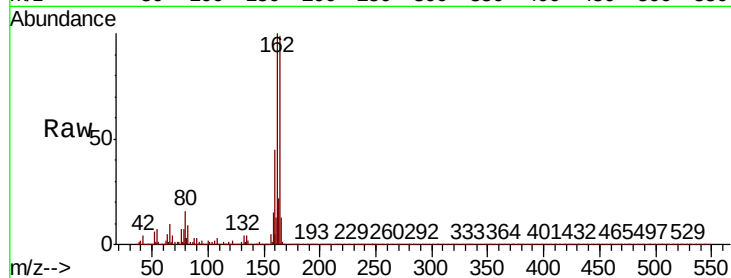
Tot Ion:164 Resp: 93536

Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

160 45.1 36.6 54.8

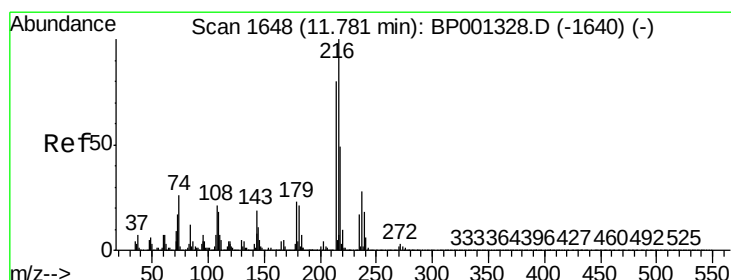
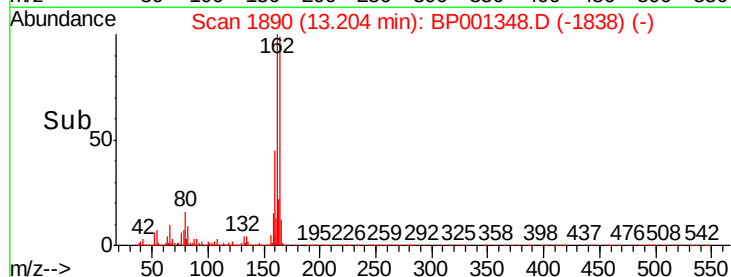
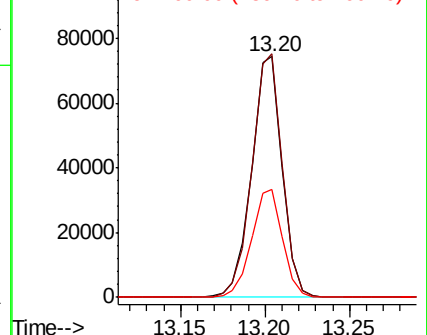


Abundance

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: 37.559 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Tgt Ion:216 Resp: 129898

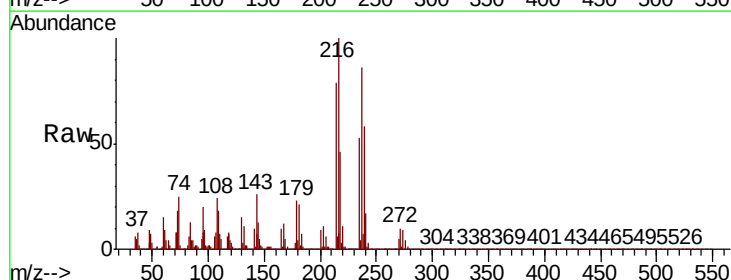
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 23.2 18.1 27.1

108 26.5 18.2 27.2



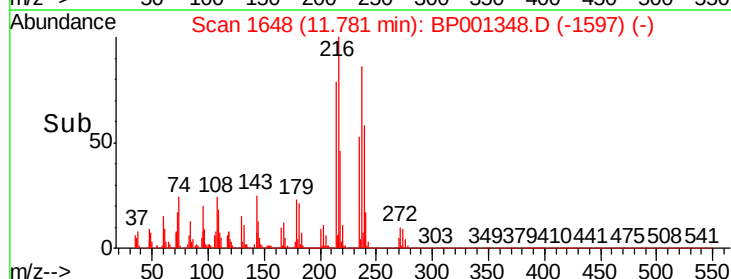
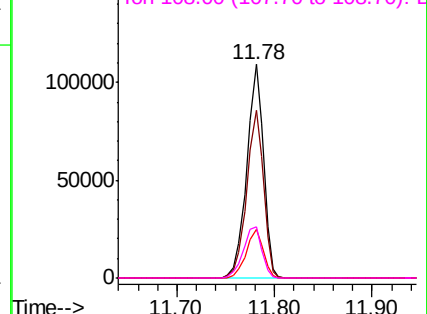
Abundance

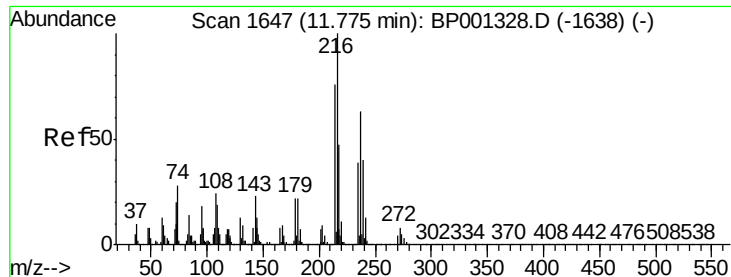
Ion 216.00 (215.70 to 216.70): E

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: 94.730 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

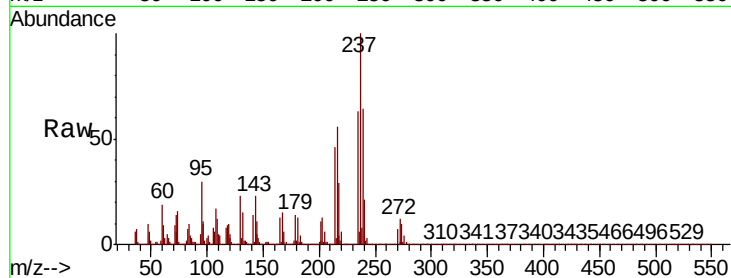
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 162041

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.9	81.9
272	11.8	0.0	32.0

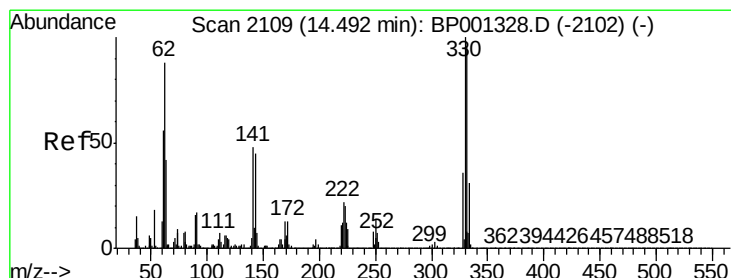
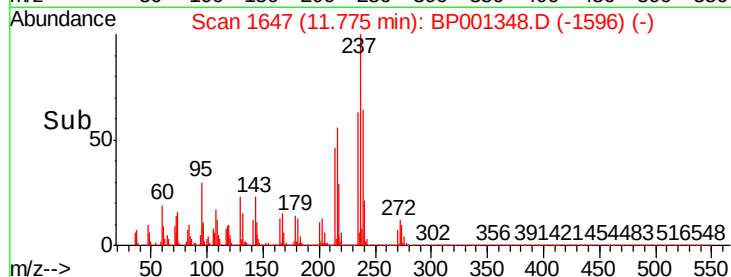
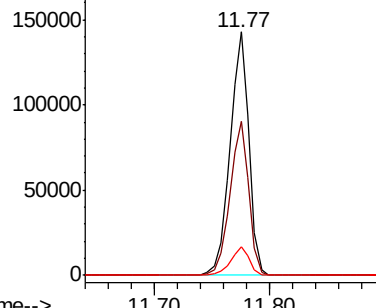


Abundance

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: 70.857 ng

RT: 14.50 min Scan# 2110

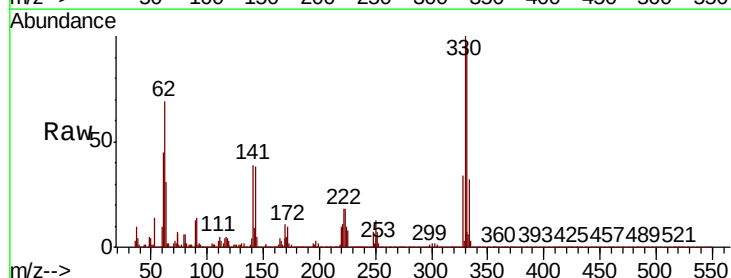
Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Tgt Ion:330 Resp: 82861

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.7	118.1
141	44.0	36.2	54.4

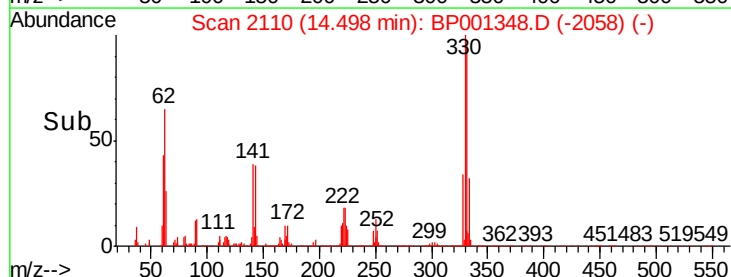
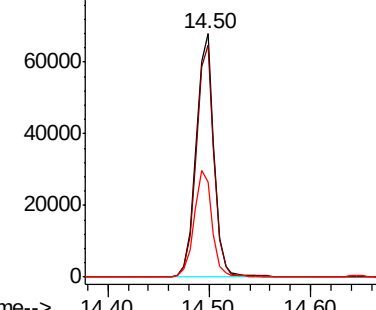


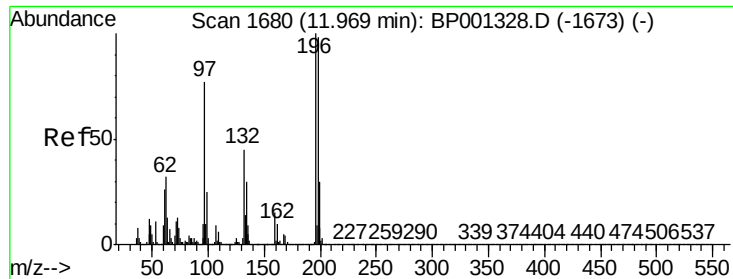
Abundance

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

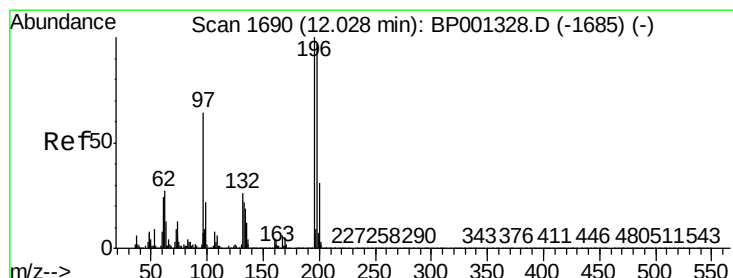
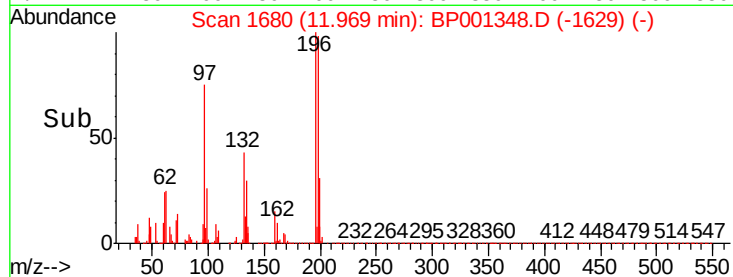
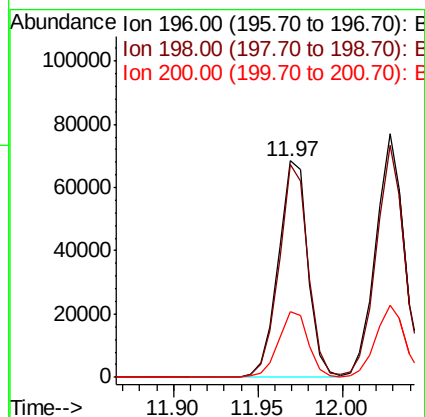
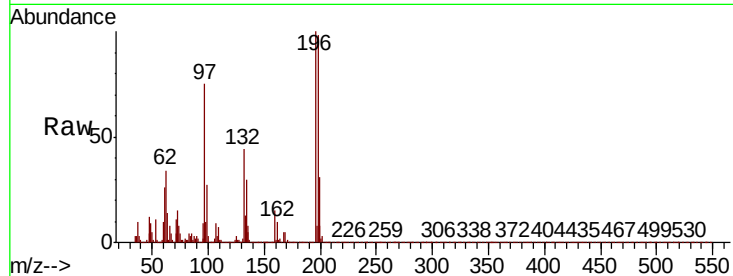




#43
 2,4,6-Trichlorophenol
 Concen: 39.151 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

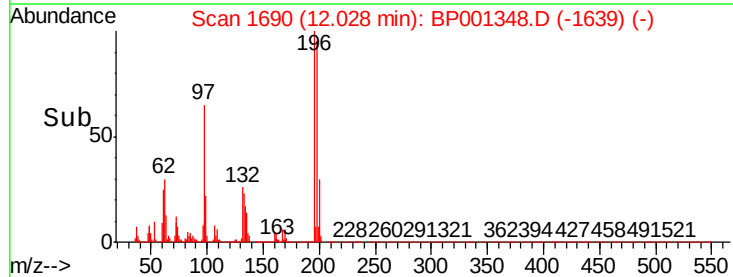
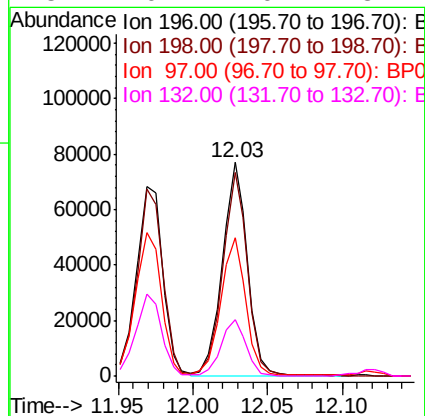
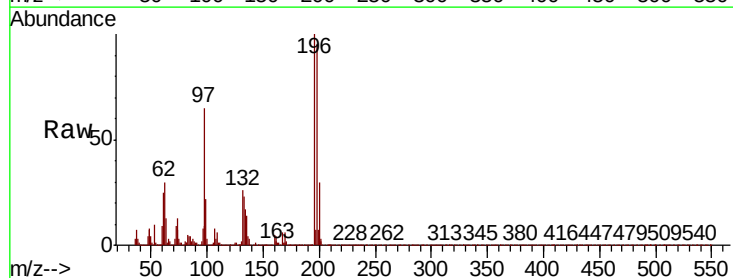
Instrument :
 BNA_P
 ClientSampled :

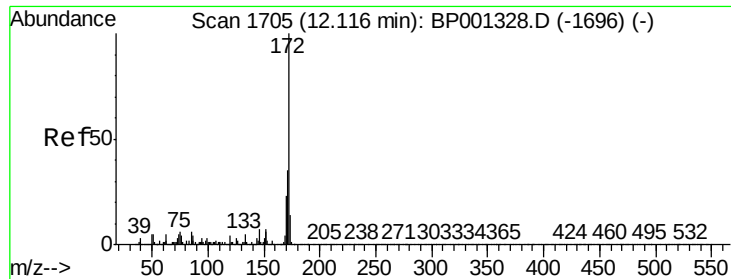
Tot Ion:196 Resp: 83273
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.6 118.0
 200 30.6 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.420 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion:196 Resp: 90519
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.7 116.5
 97 64.8 50.7 76.1
 132 26.4 20.7 31.1

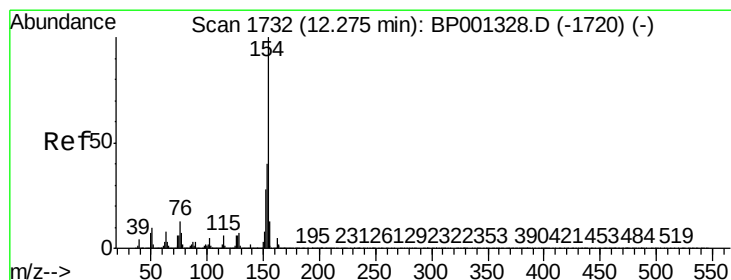
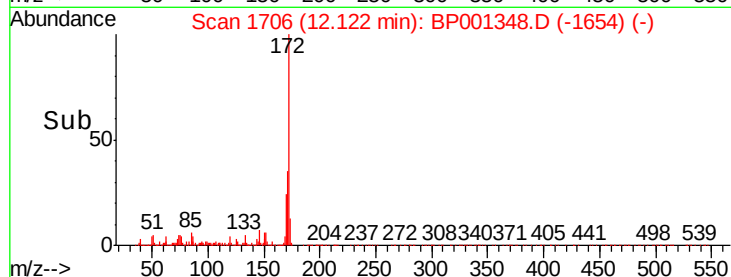
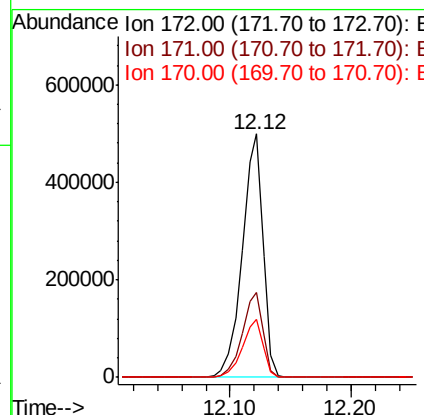
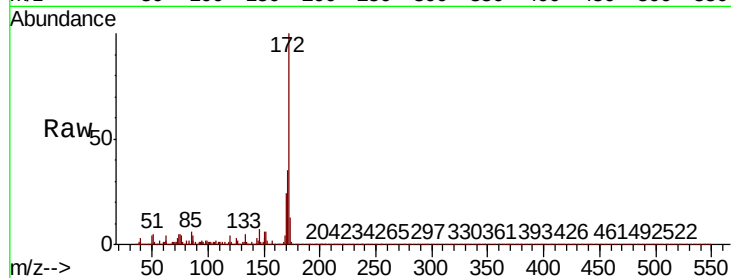




#45
 2-Fluorobiphenyl
 Concen: 80.294 ng
 RT: 12.12 min Scan# 1706
 Delta R.T. 0.01 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

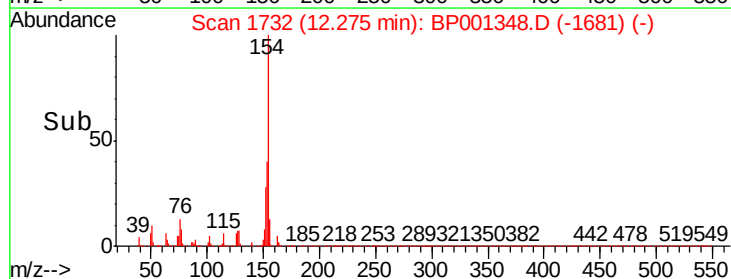
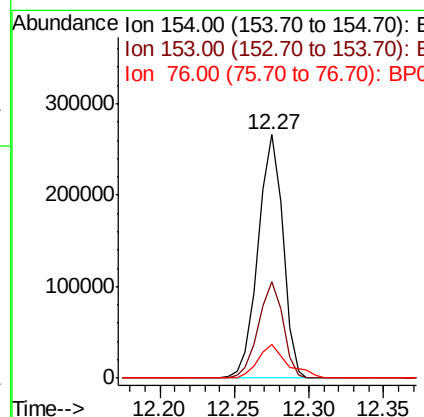
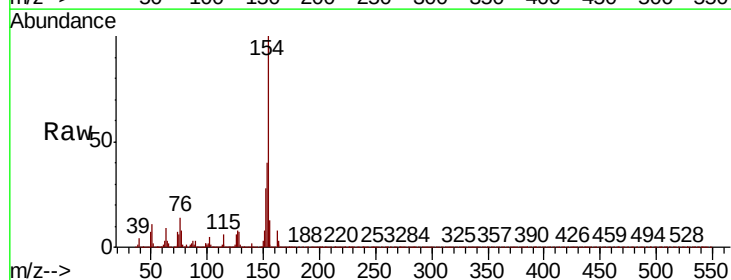
Instrument :
 BNA_P
 ClientSampleId :

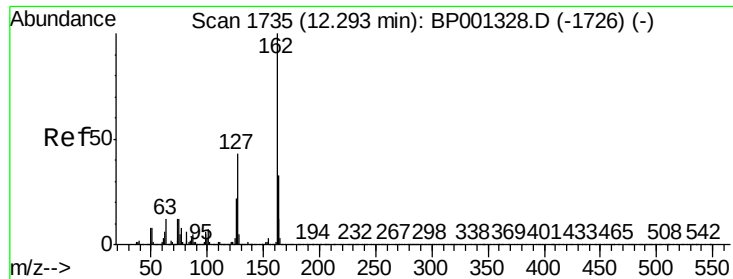
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.8	18.6	28.0



#46
 1,1'-Biphenyl
 Concen: 38.774 ng
 RT: 12.27 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	13.6	0.0	33.1

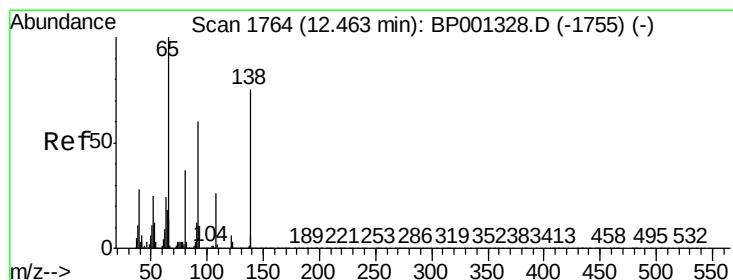
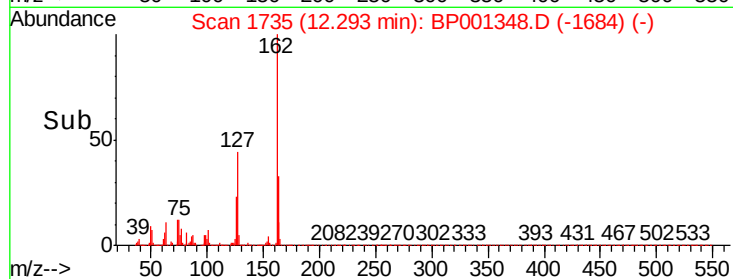
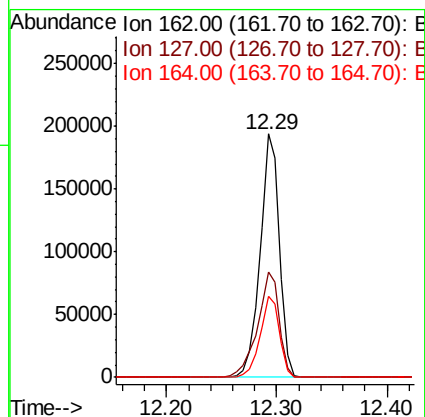
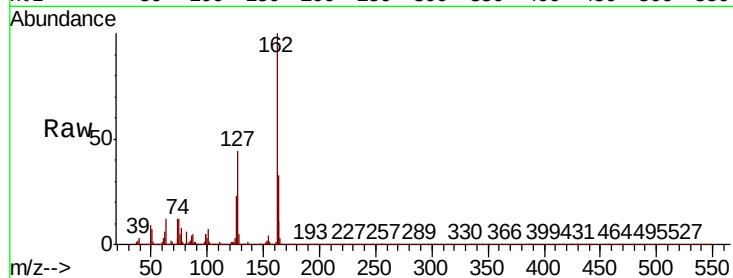




#47
2-Chloronaphthalene
Concen: 37.304 ng
RT: 12.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

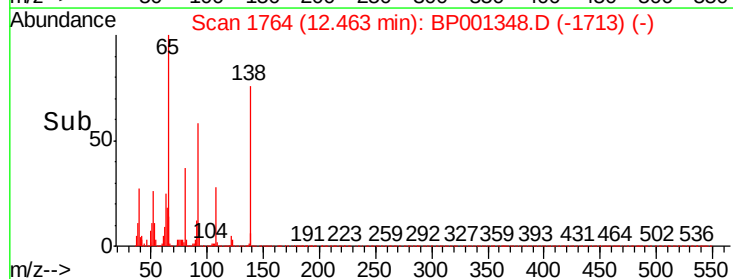
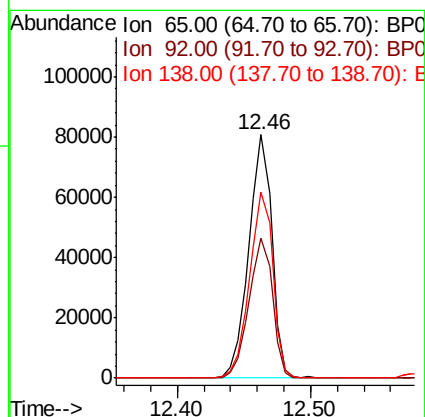
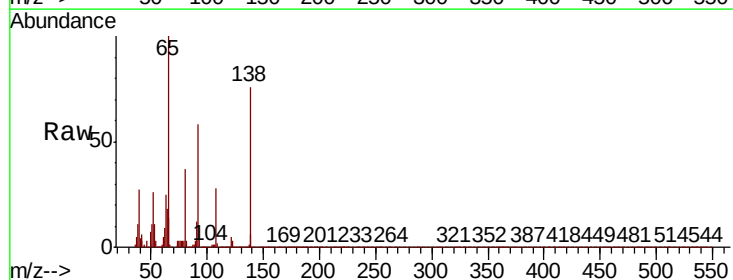
Instrument :
BNA_P
ClientSampleId :

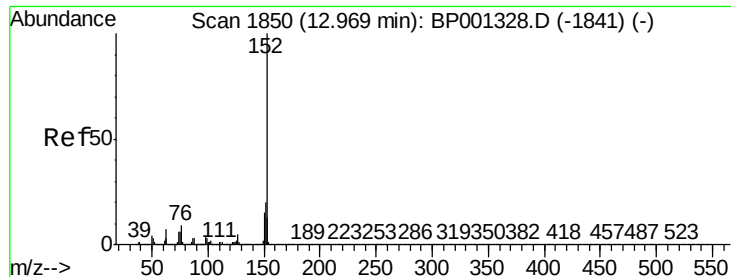
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.2	51.4
164	33.2	26.4	39.6



#48
2-Nitroaniline
Concen: 37.843 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.7	48.3	72.5
138	76.3	60.2	90.4





#49

Acenaphthylene

Concen: 40.461 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

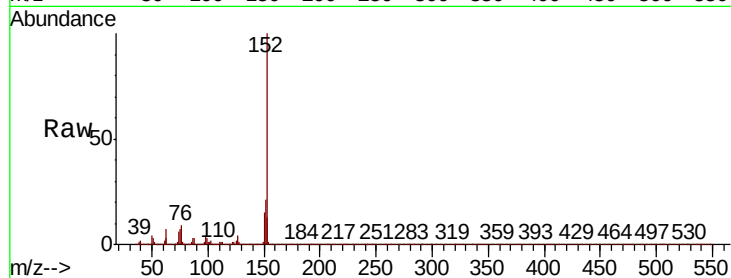
Tot Ion:152 Resp: 374272

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

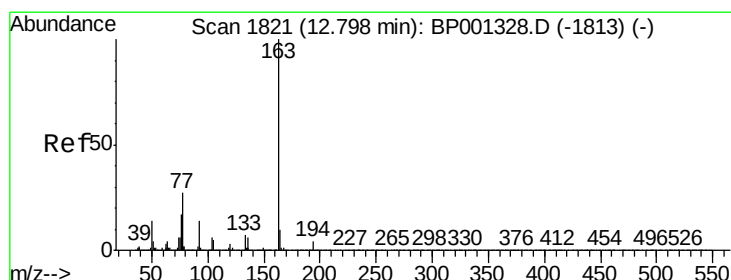
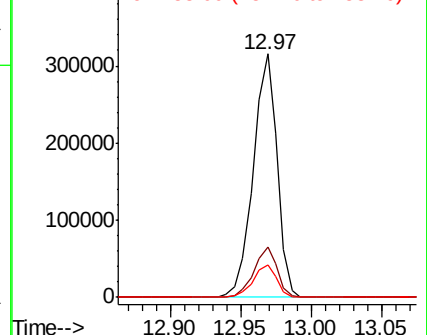
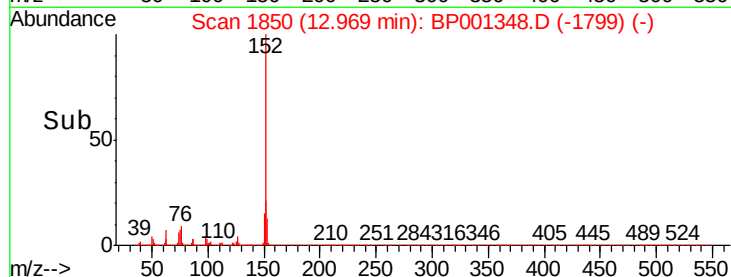
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.321 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

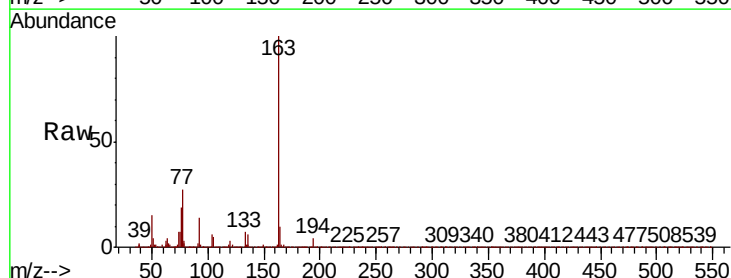
Tgt Ion:163 Resp: 286391

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

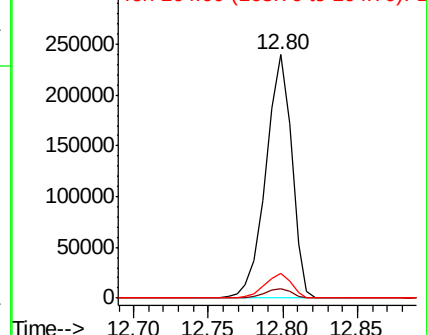
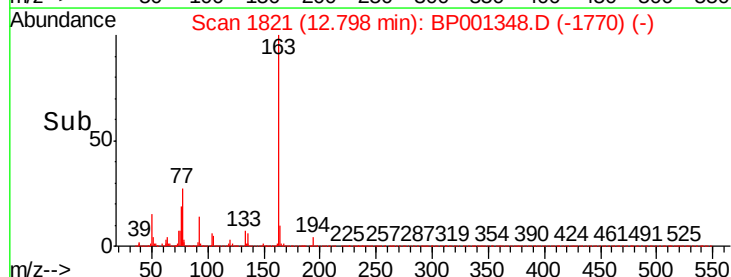
164 10.1 7.9 11.9

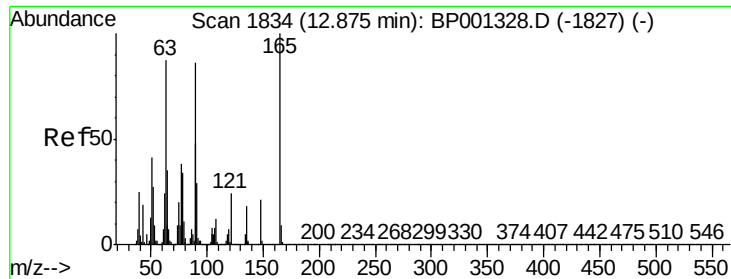


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

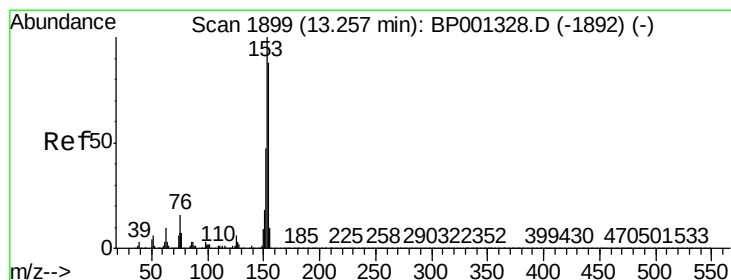
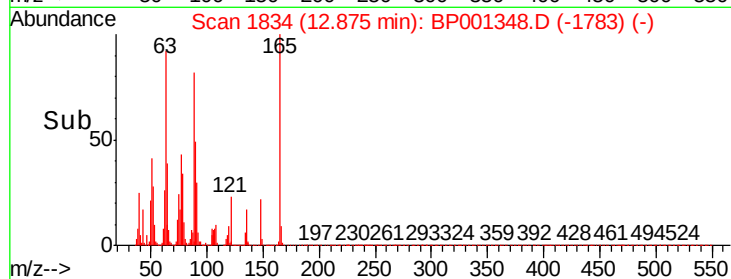
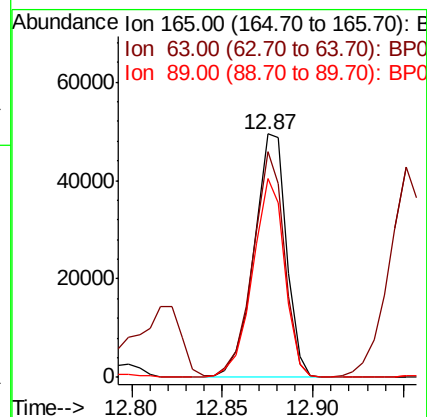
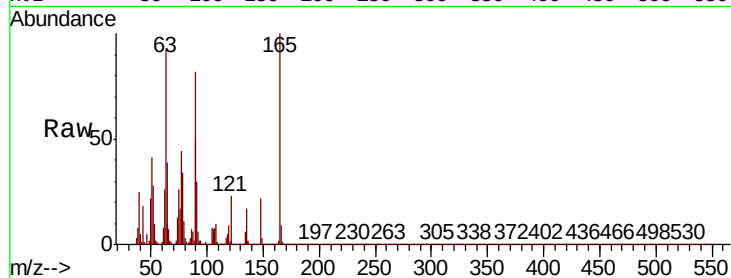




#51
2,6-Dinitrotoluene
Concen: 39.588 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

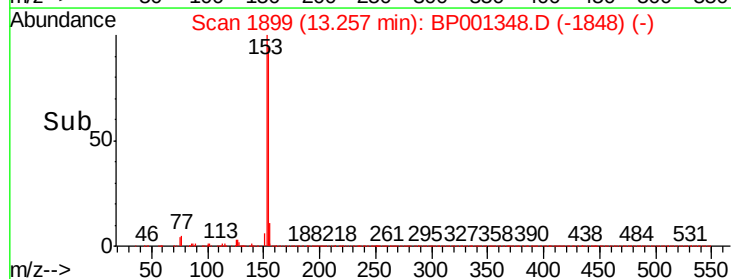
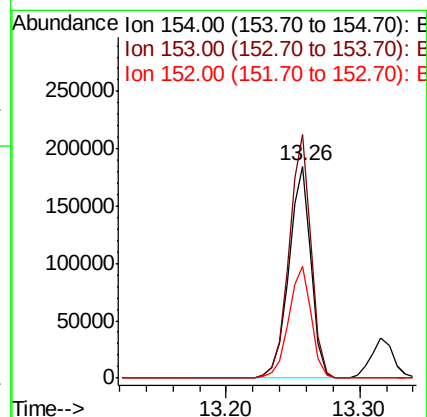
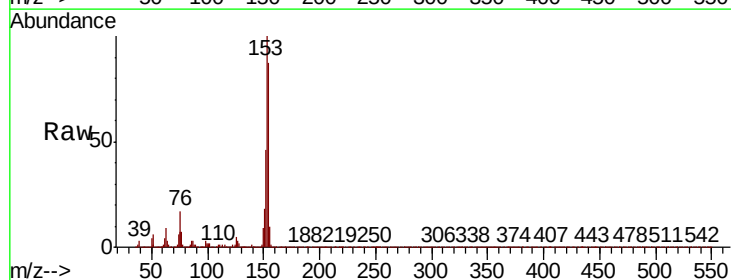
Instrument :
BNA_P
ClientSampleId :

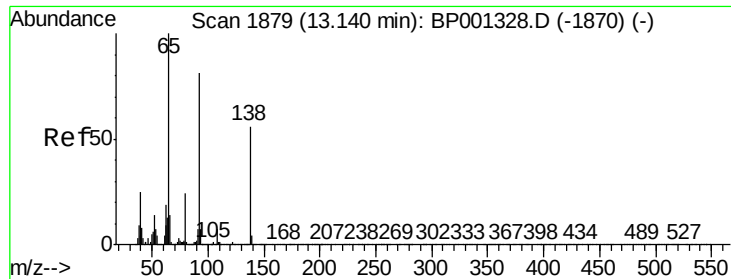
Tot Ion:165 Resp: 61683
Ion Ratio Lower Upper
165 100
63 92.5 71.3 106.9
89 81.7 68.5 102.7



#52
Acenaphthene
Concen: 38.520 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:154 Resp: 214681
Ion Ratio Lower Upper
154 100
153 114.9 90.6 135.8
152 53.0 42.4 63.6

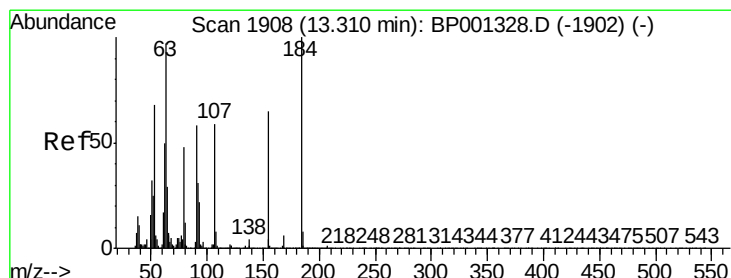
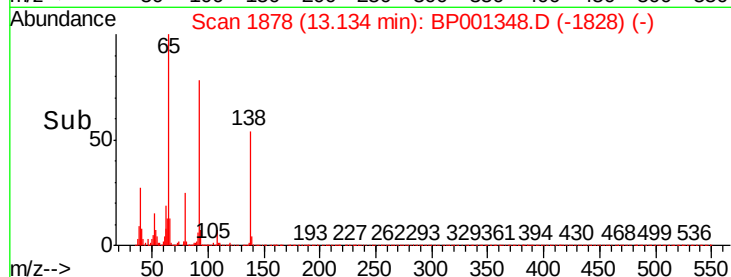
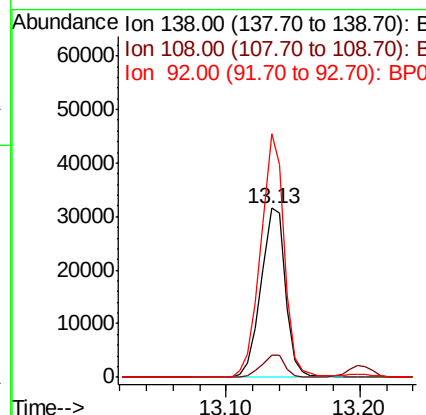
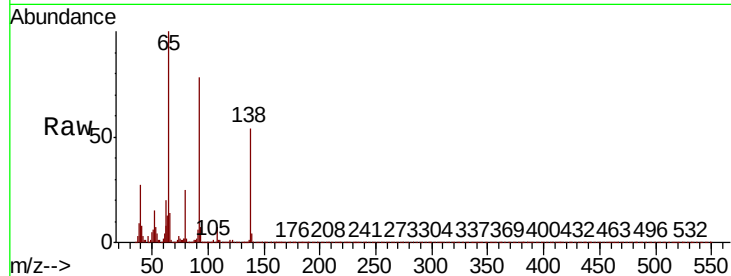




#53
3-Nitroaniline
Concen: 23.787 ng
RT: 13.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

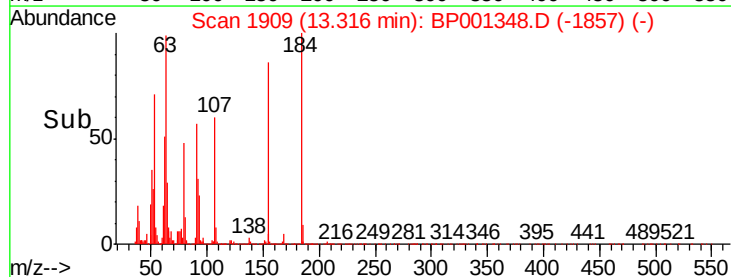
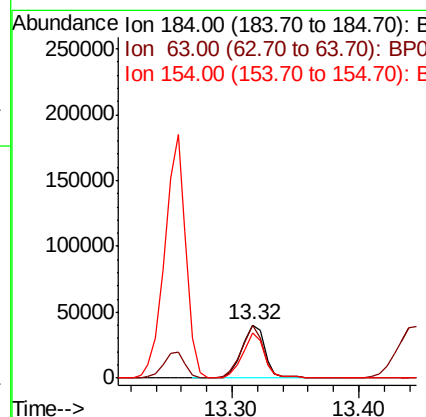
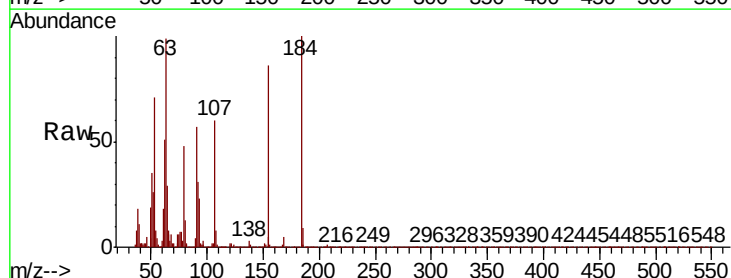
Instrument :
BNA_P
ClientSampleId :

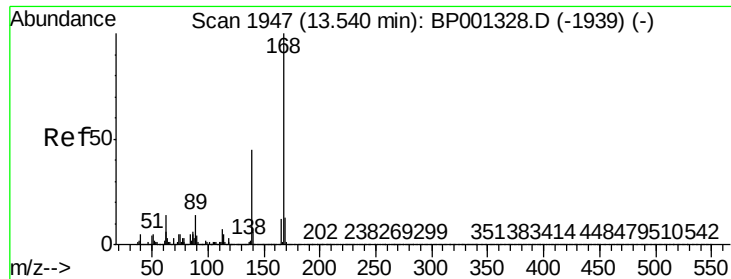
Tot Ion:138 Resp: 39781
Ion Ratio Lower Upper
138 100
108 13.0 10.1 15.1
92 144.0 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 85.774 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:184 Resp: 51607
Ion Ratio Lower Upper
184 100
63 98.9 78.6 117.8
154 85.7 62.2 93.2

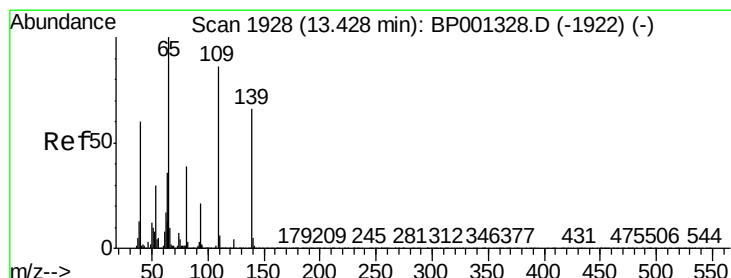
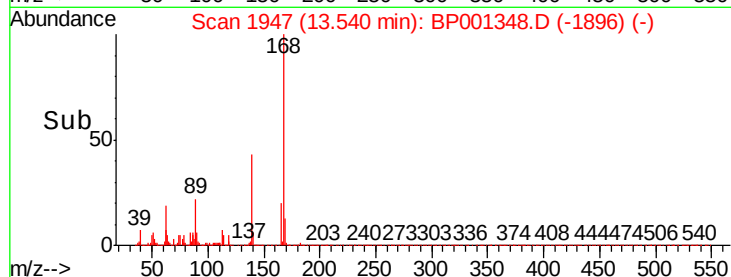
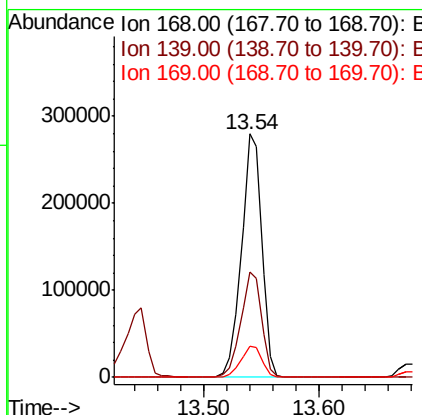
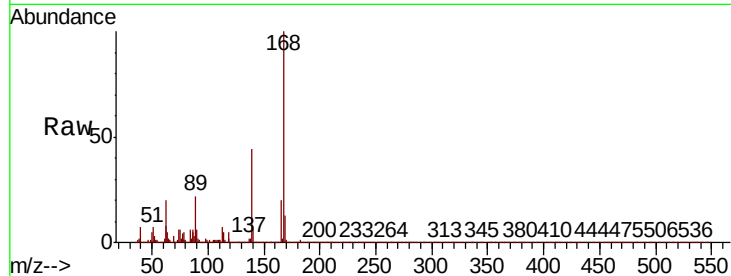




#55
Dibenzofuran
Concen: 39.055 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

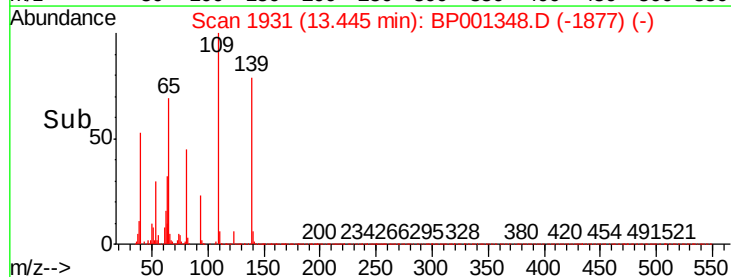
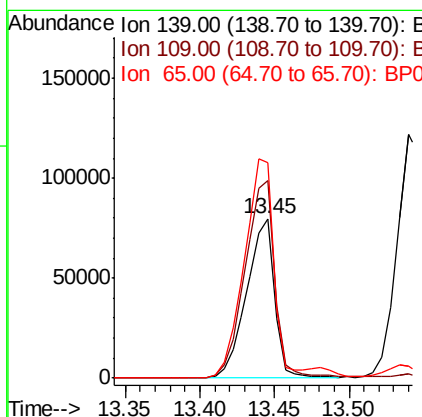
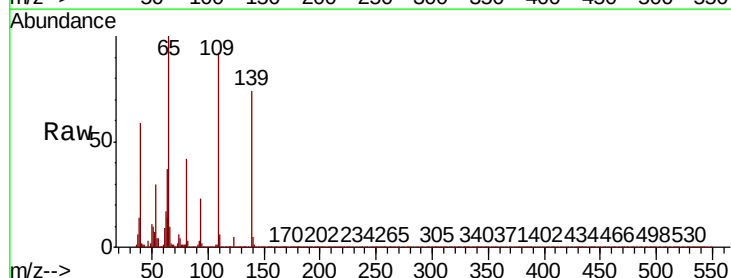
Instrument :
BNA_P
ClientSampleId :

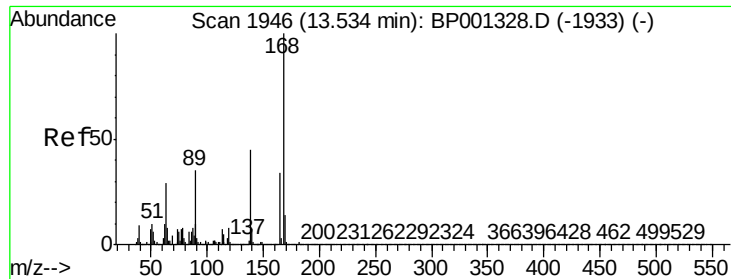
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	35.8	53.8
169	12.9	10.5	15.7



#56
4-Nitrophenol
Concen: 86.906 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.4	110.1	150.1
65	135.5	131.3	171.3

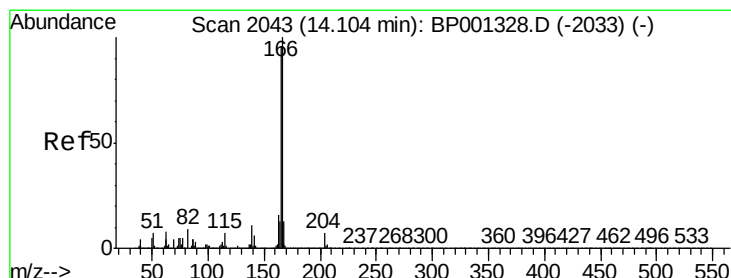
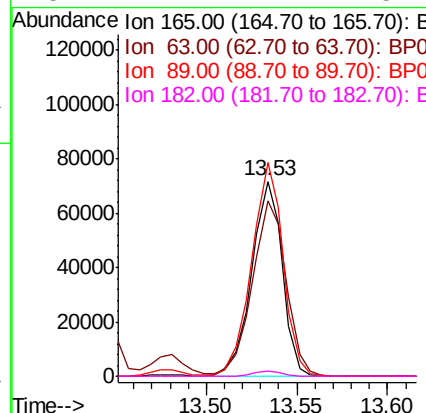
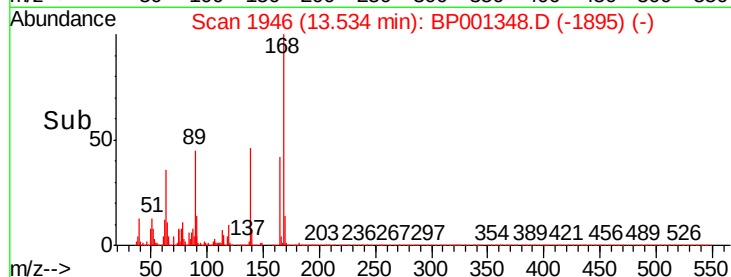
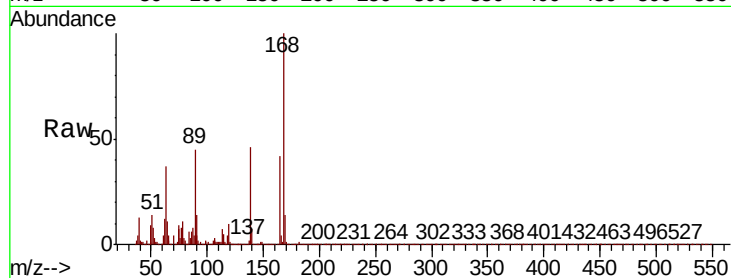




#57
2,4-Dinitrotoluene
Concen: 38.863 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

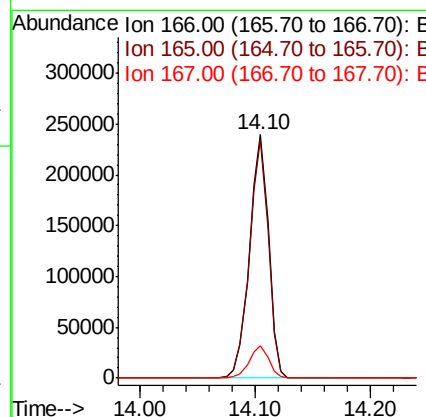
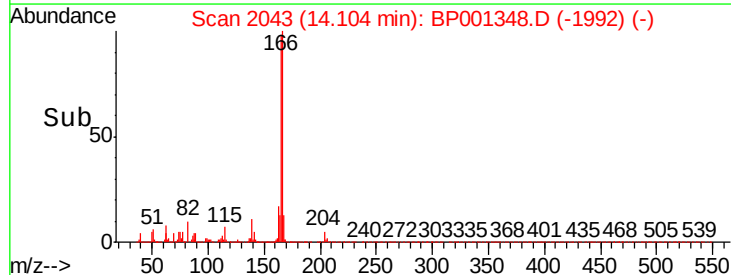
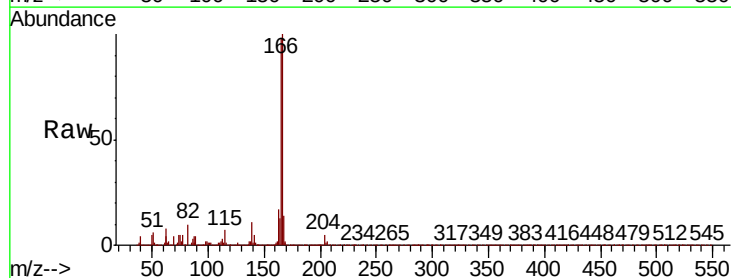
Instrument :
BNA_P
ClientSampleId :

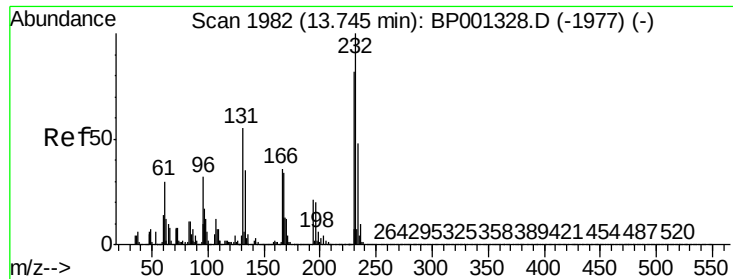
Tot Ion:165 Resp: 84164
Ion Ratio Lower Upper
165 100
63 89.7 67.6 101.4
89 109.4 81.3 121.9
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.241 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:166 Resp: 274074
Ion Ratio Lower Upper
166 100
165 98.2 76.9 115.3
167 13.5 10.3 15.5

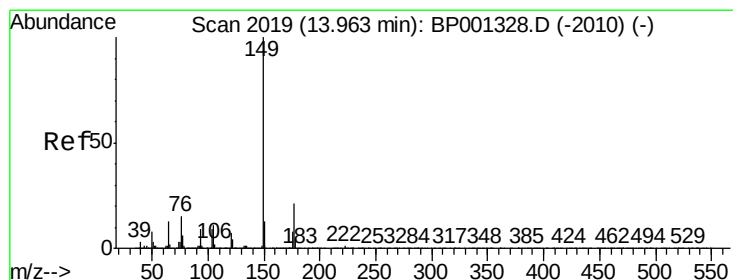
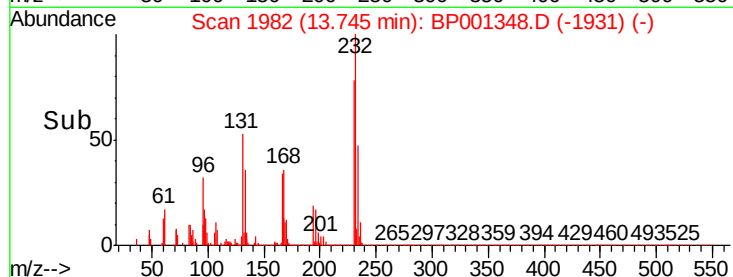
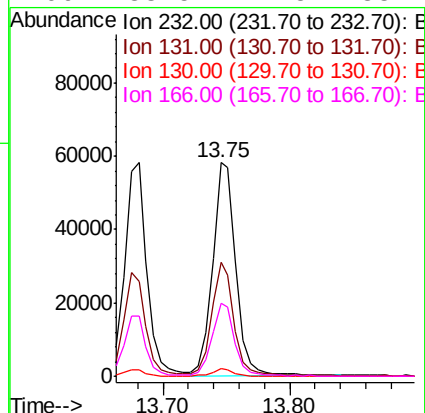
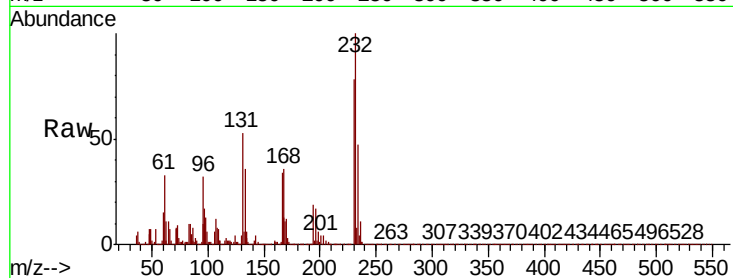




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.835 ng
RT: 13.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

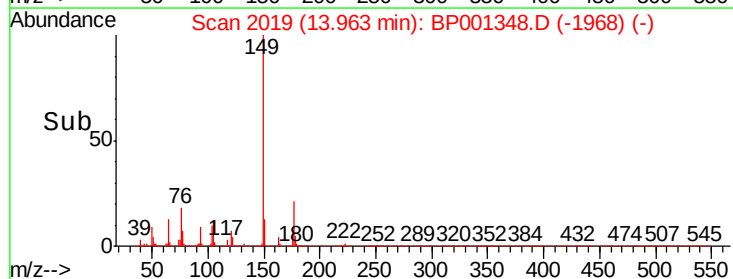
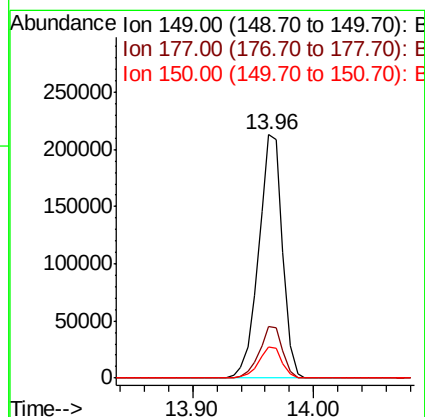
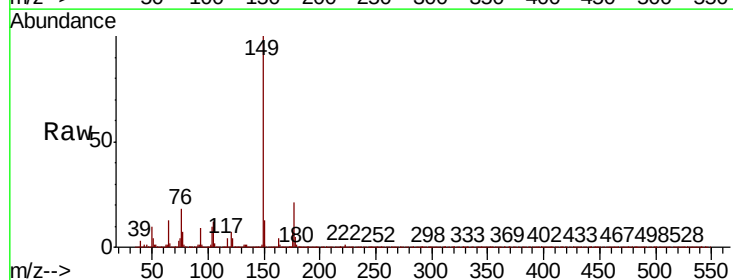
Instrument :
BNA_P
ClientSampleId :

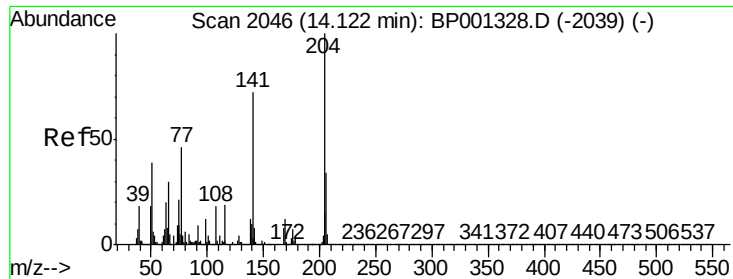
Tot Ion:	232	Resp:	74739
Ion	Ratio	Lower	Upper
232	100		
131	51.8	36.1	54.1
130	3.3	2.5	3.7
166	33.5	22.5	33.7



#60
Diethylphthalate
Concen: 36.701 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:	149	Resp:	290472
Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.6	10.2	15.4

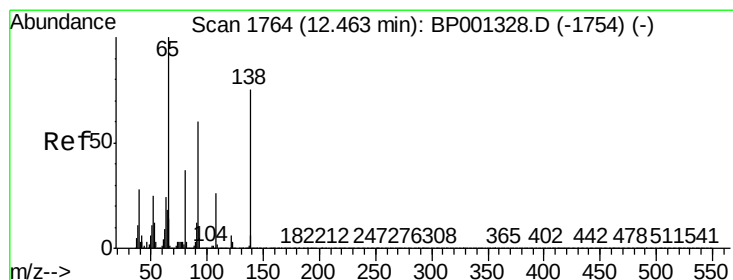
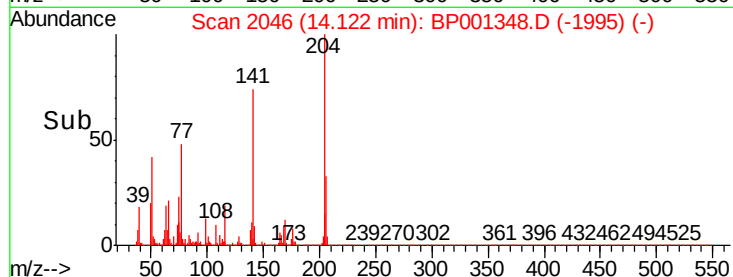
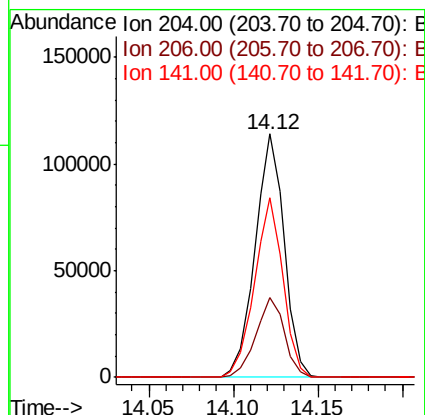
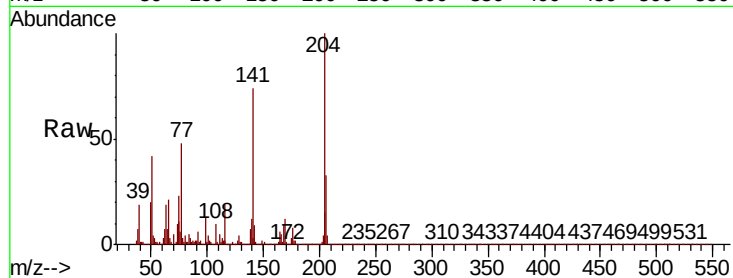




#61
4-Chlorophenyl-phenylether
Concen: 37.114 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

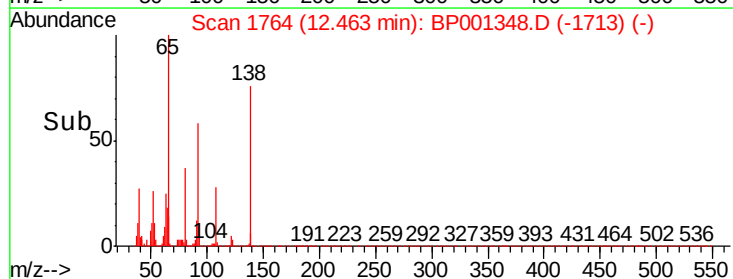
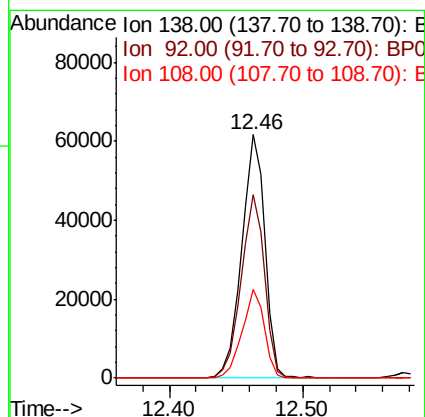
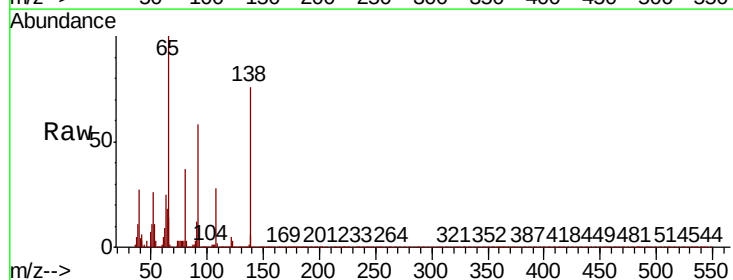
Instrument :
BNA_P
ClientSampleId :

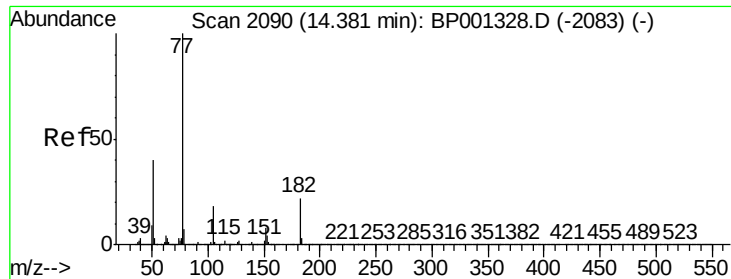
Tot Ion:204 Resp: 136264
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.0
141 73.9 57.3 85.9



#62
4-Nitroaniline
Concen: 38.256 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:138 Resp: 74090
Ion Ratio Lower Upper
138 100
92 75.6 60.3 100.3
108 36.4 14.5 54.5

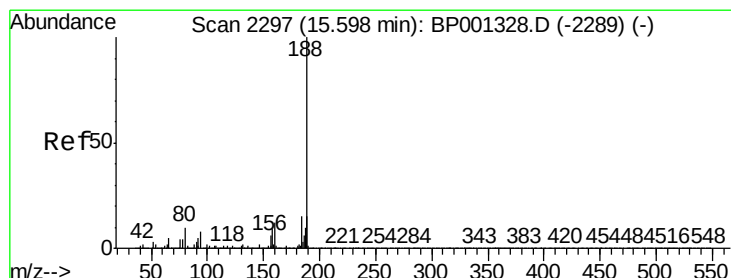
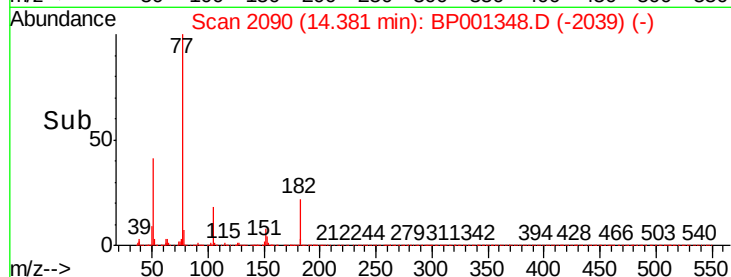
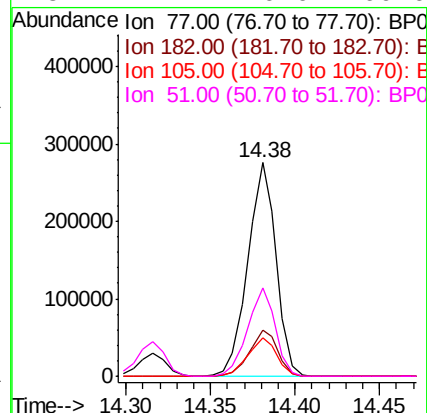
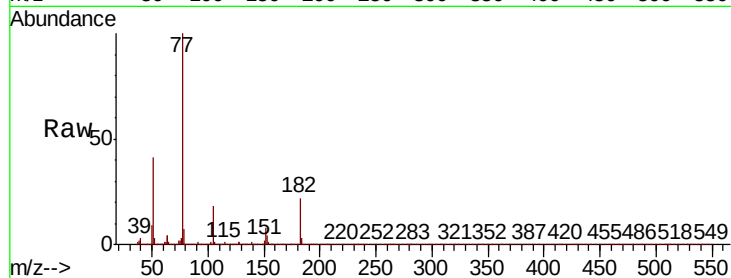




#63
Azobenzene
Concen: 38.447 ng
RT: 14.38 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

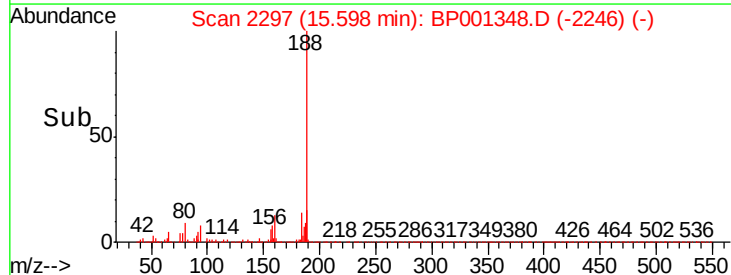
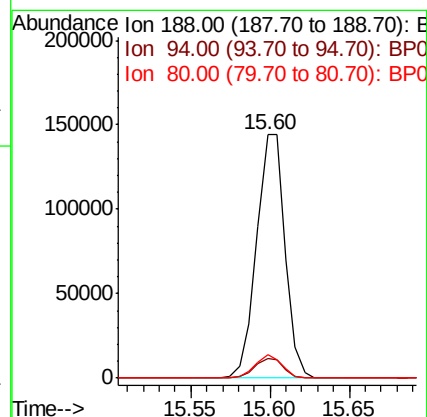
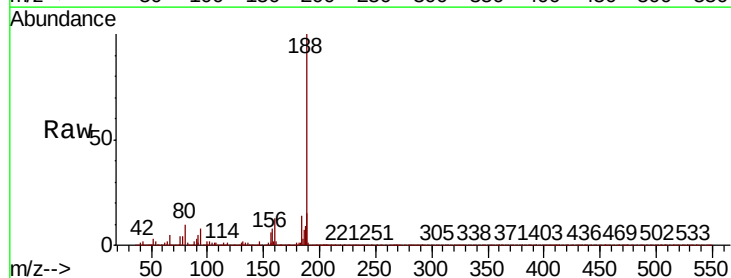
Instrument :
BNA_P
ClientSampleId :

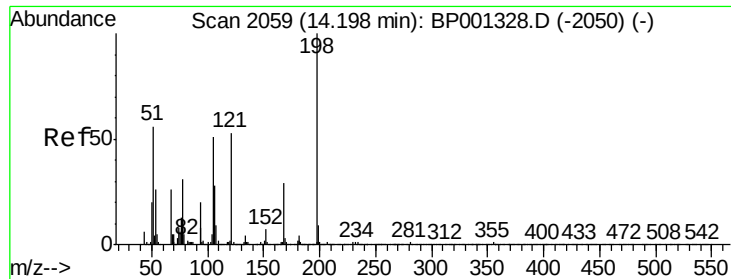
Tot Ion:	77	Resp:	320353
Ion	Ratio	Lower	Upper
77	100		
182	21.6	2.0	42.0
105	18.1	0.0	38.1
51	41.1	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion:	188	Resp:	180523
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.5	7.8	11.6

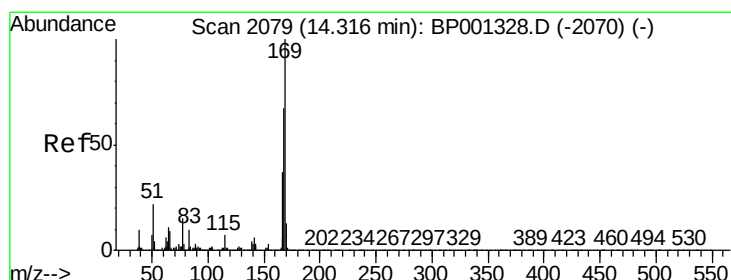
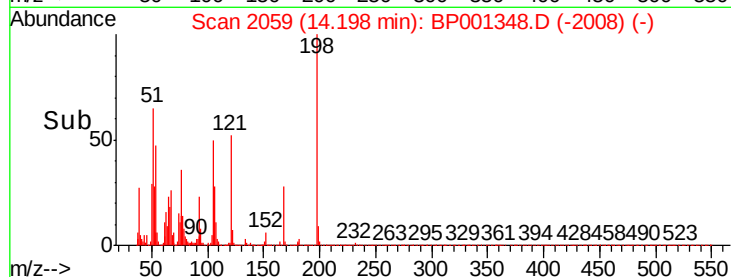
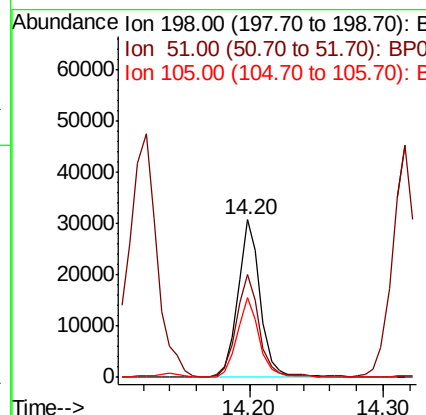
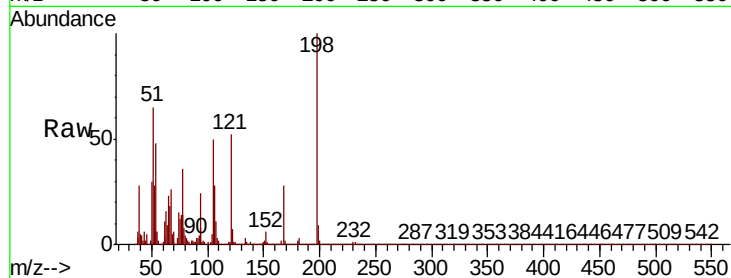




#65
4,6-Dinitro-2-methylphenol
Concen: 44.386 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

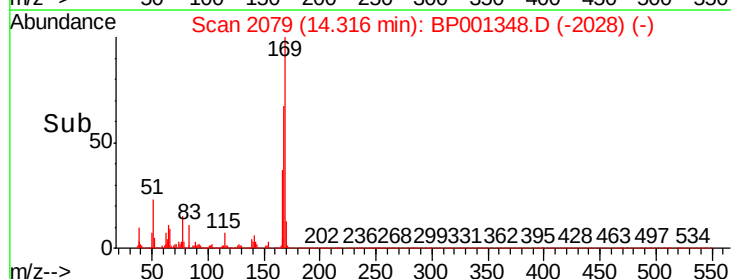
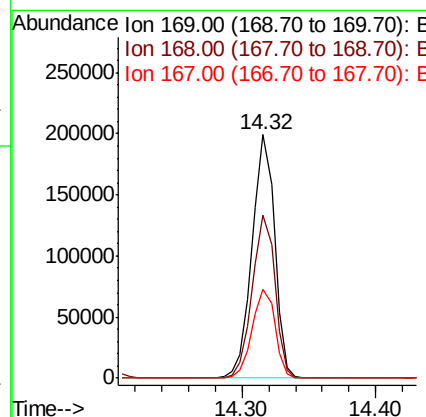
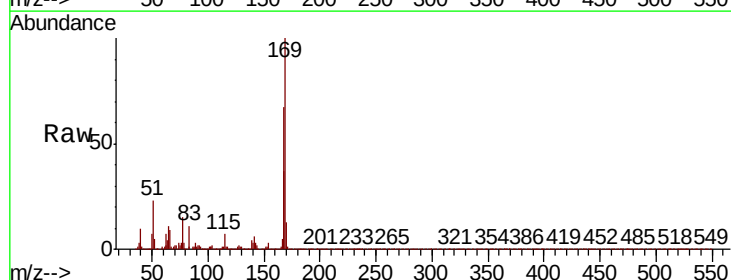
Instrument :
BNA_P
ClientSampleId :

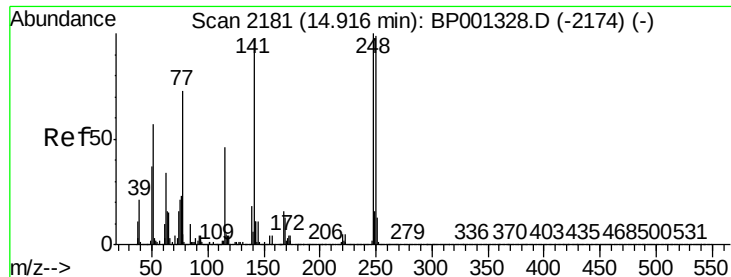
Tot Ion	Ratio	Lower	Upper
198	100		
51	65.0	47.4	87.4
105	50.3	33.1	73.1



#66
n-Nitrosodiphenylamine
Concen: 40.228 ng
RT: 14.32 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.2
167	36.6	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 37.661 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

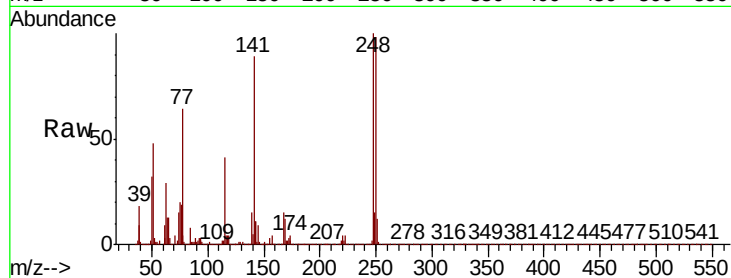
Tot Ion:248 Resp: 80381

Ion Ratio Lower Upper

248 100

250 98.5 79.3 118.9

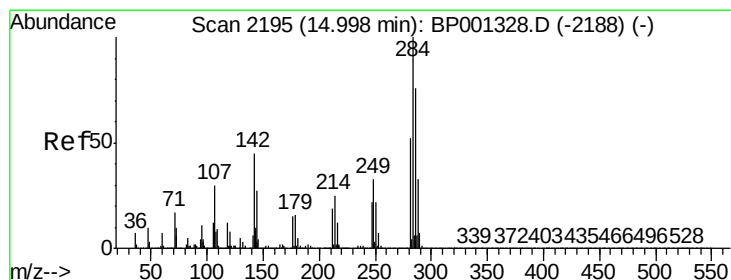
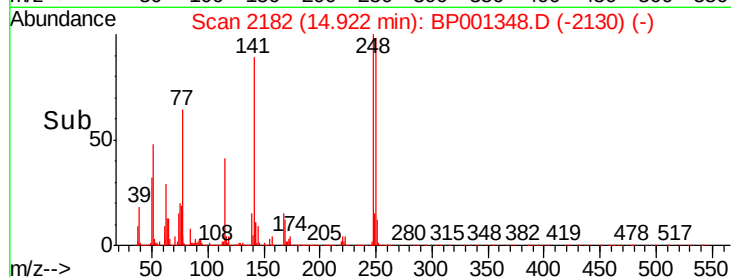
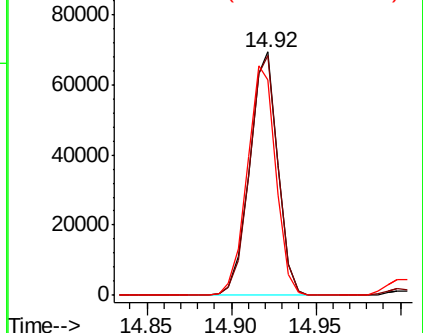
141 88.7 77.5 116.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.293 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

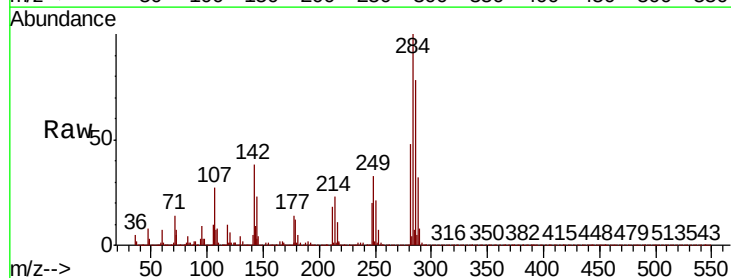
Tgt Ion:284 Resp: 93045

Ion Ratio Lower Upper

284 100

142 38.1 36.1 54.1

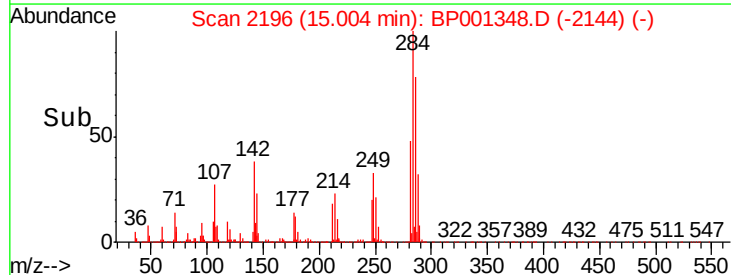
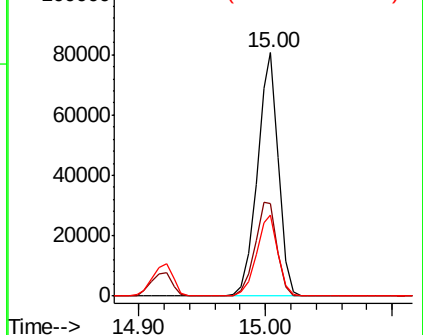
249 33.0 26.3 39.5

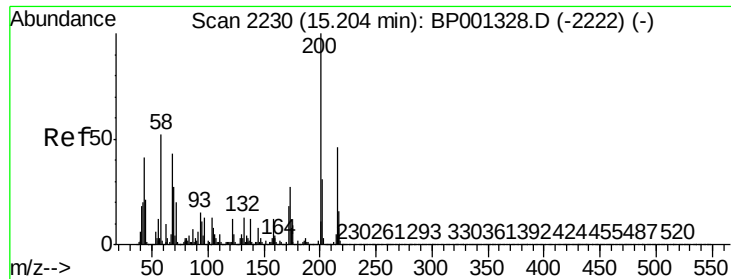


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

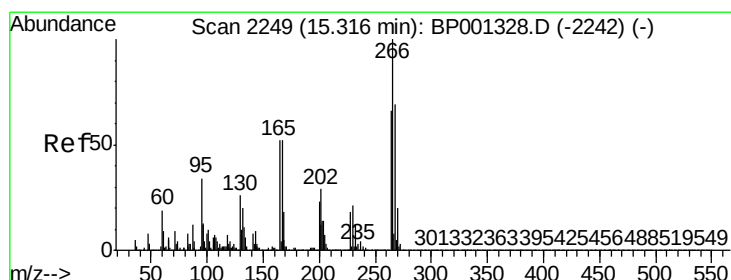
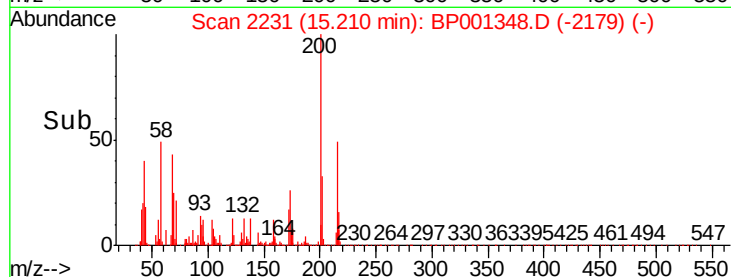
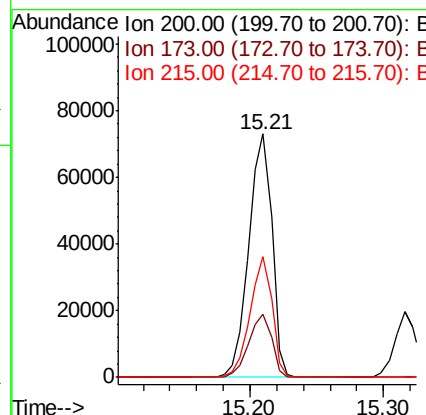
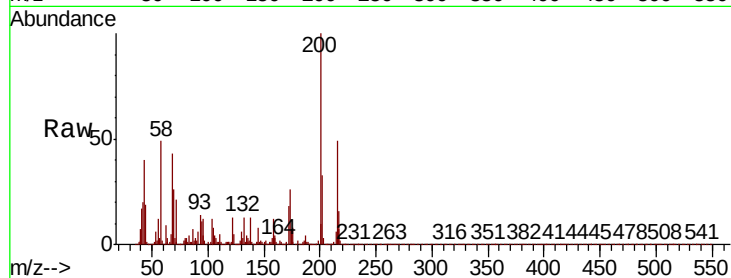




#69
Atrazine
Concen: 42.233 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

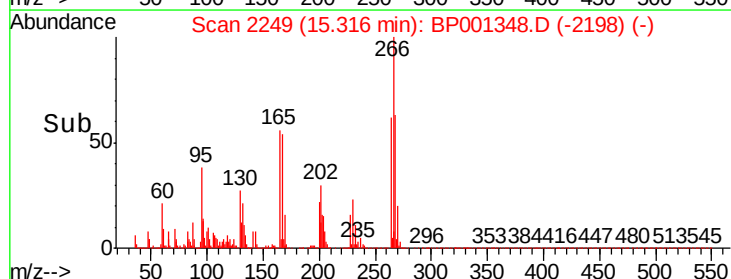
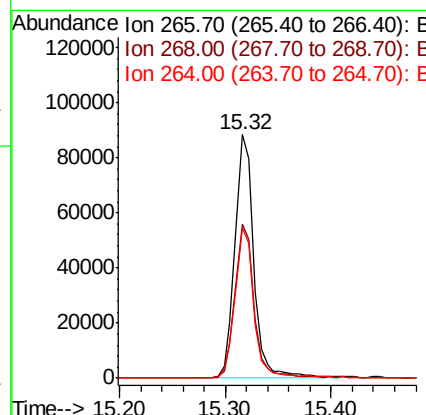
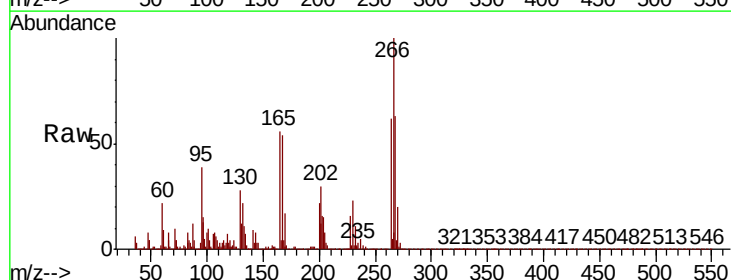
Instrument :
BNA_P
ClientSampled :

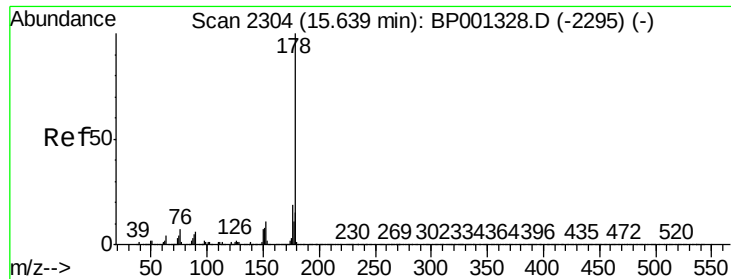
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.8	46.8
215	49.4	26.1	66.1



#70
Pentachlorophenol
Concen: 87.544 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	55.4	83.2
264	61.8	53.2	79.8





#71

Phenanthrene

Concen: 39.695 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

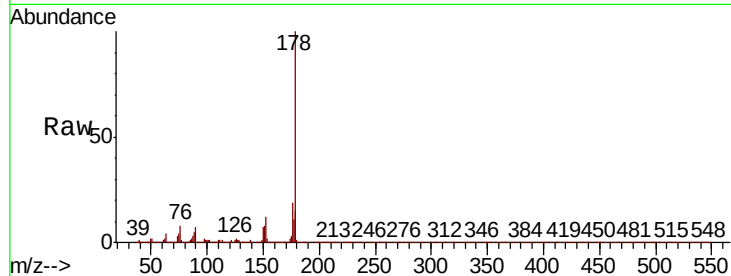
Tot Ion:178 Resp: 408831

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

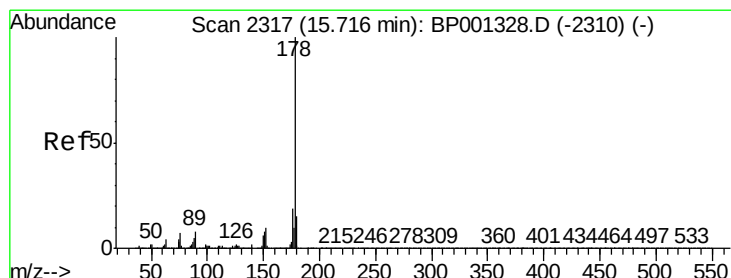
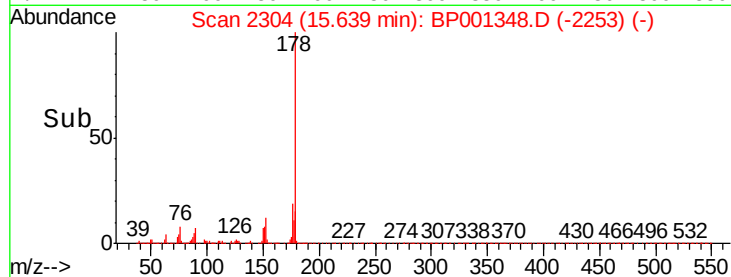
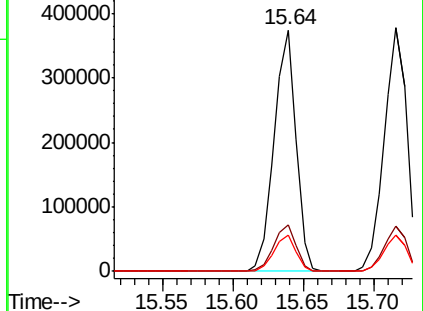
179 15.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.623 ng

RT: 15.72 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

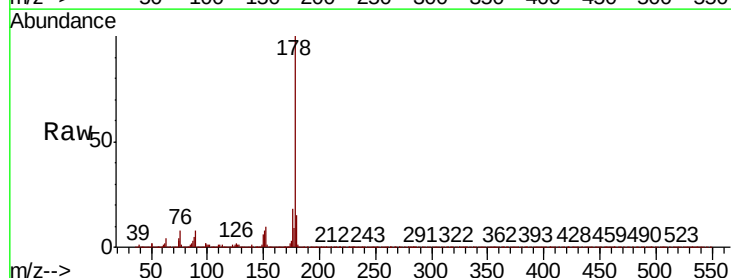
Tgt Ion:178 Resp: 424380

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

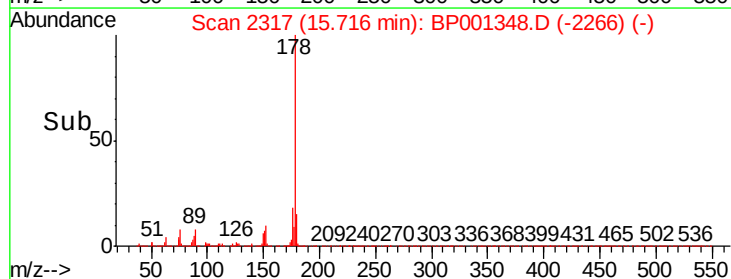
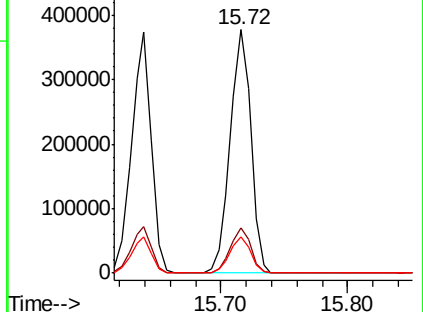
179 14.9 11.9 17.9

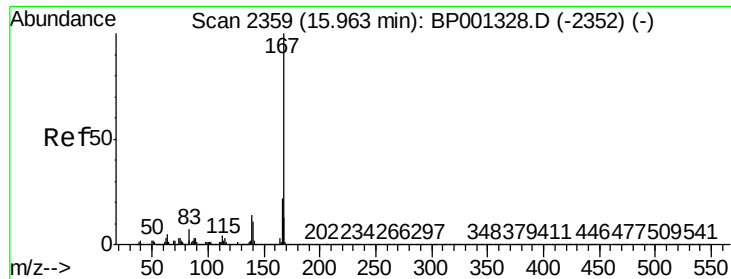


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

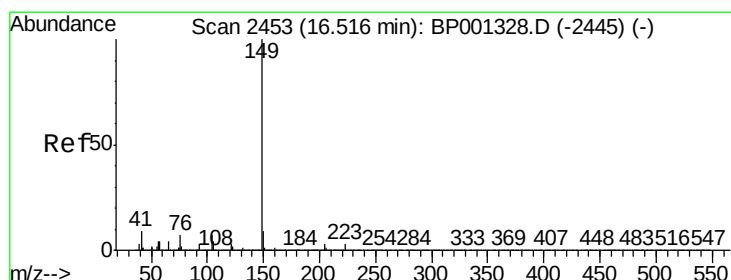
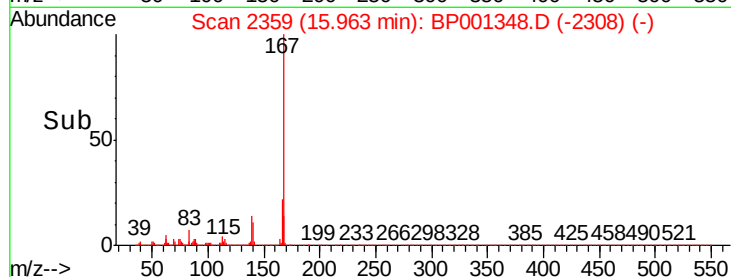
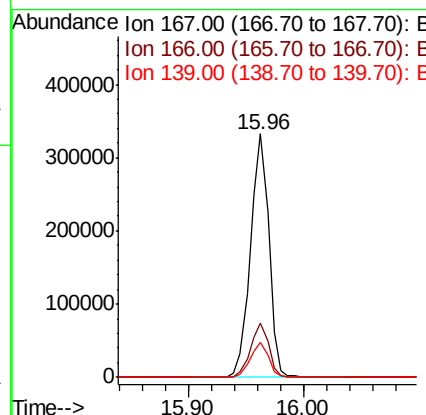
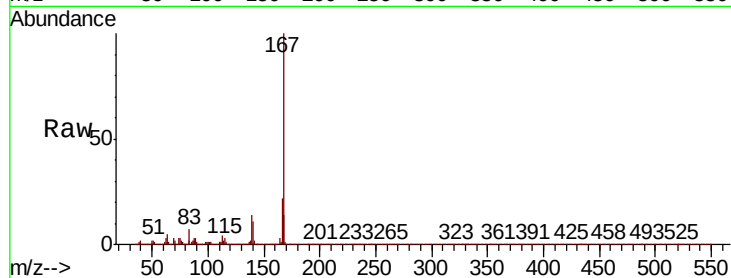




#73
 Carbazole
 Concen: 40.304 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

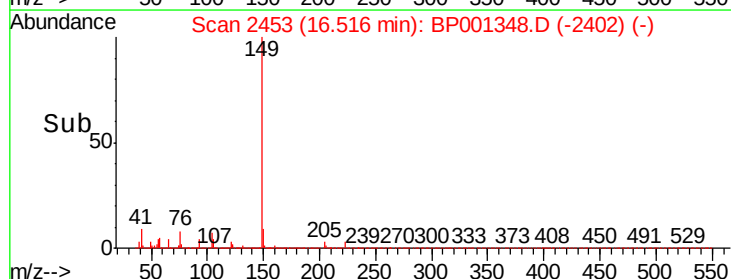
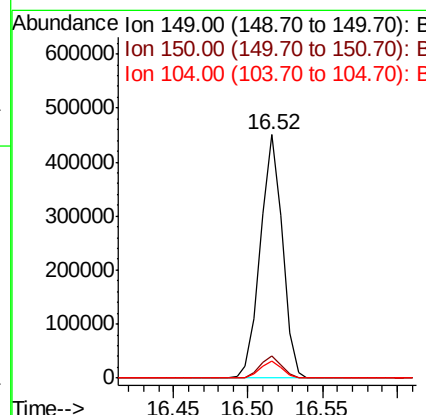
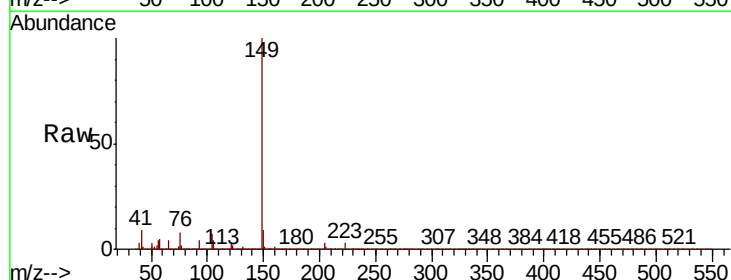
Instrument :
 BNA_P
 ClientSampleId :

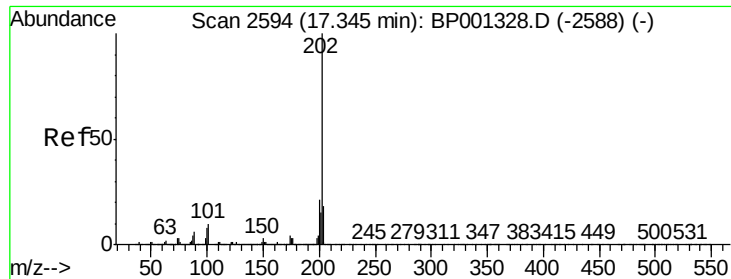
Tot Ion:167	Resp:	366366
Ion Ratio	Lower	Upper
167	100	
166	22.0	17.6 26.4
139	14.3	11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 36.472 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BP001348.D
 Acq: 20 Dec 2019 17:45

Tgt Ion:149	Resp:	454961
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.5 11.3
104	7.0	5.4 8.2





#75

Fluoranthene

Concen: 40.115 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampled :

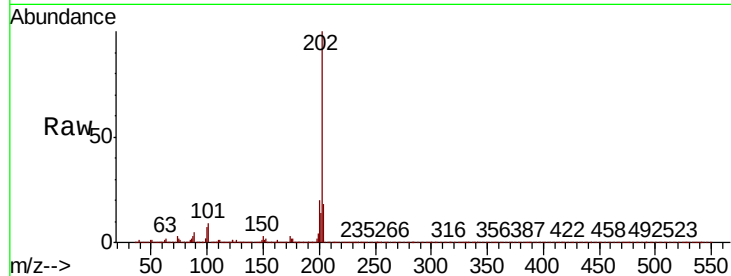
Tot Ion:202 Resp: 461986

Ion Ratio Lower Upper

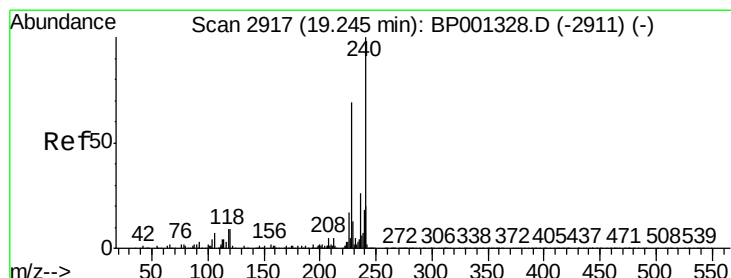
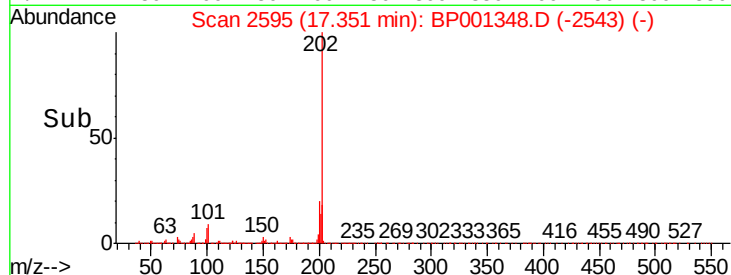
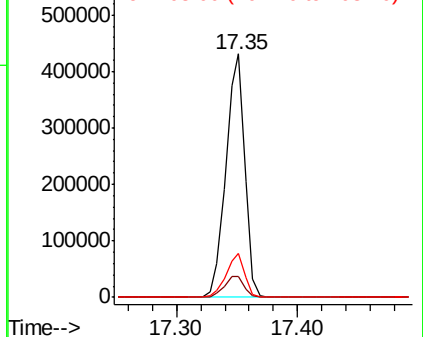
202 100

101 8.6 0.0 29.9

203 17.9 0.0 37.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

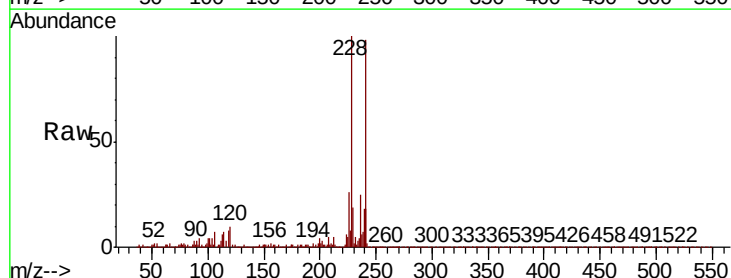
Tgt Ion:240 Resp: 148334

Ion Ratio Lower Upper

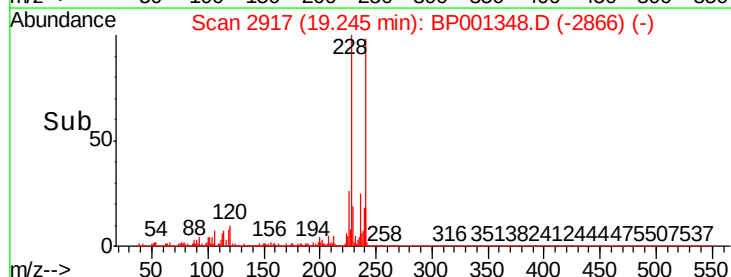
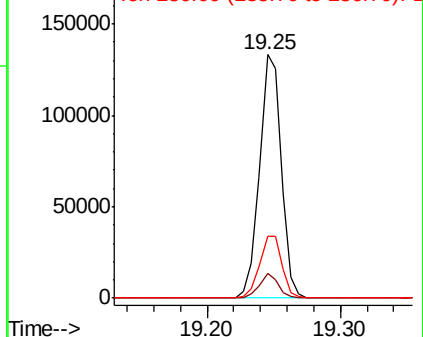
240 100

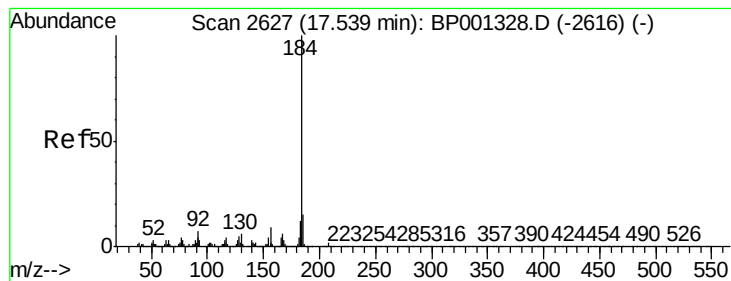
120 10.0 7.6 11.4

236 25.6 21.0 31.4



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





#77

Benzidine

Concen: 79.932 ng

RT: 17.54 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

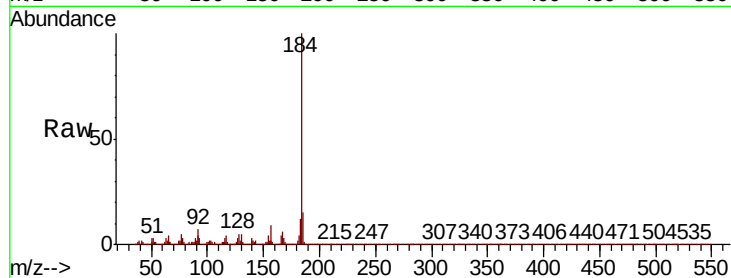
Tot Ion:184 Resp: 345207

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

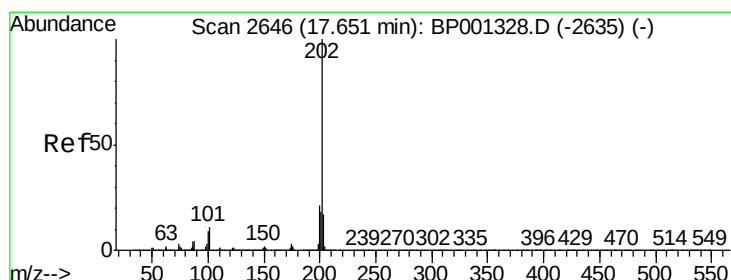
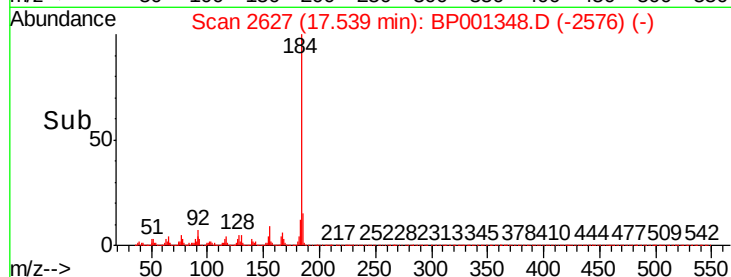
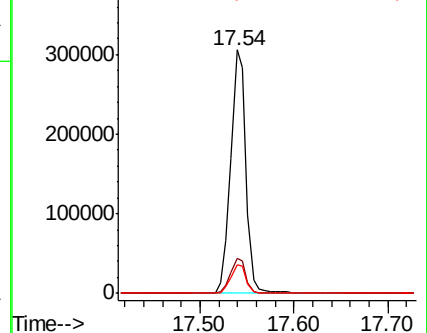
183 12.0 9.8 14.8



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: 40.292 ng

RT: 17.66 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

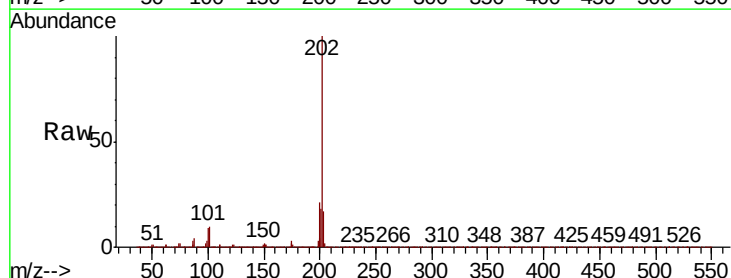
Tgt Ion:202 Resp: 464054

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

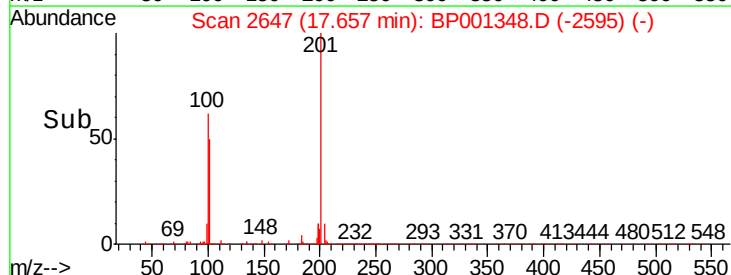
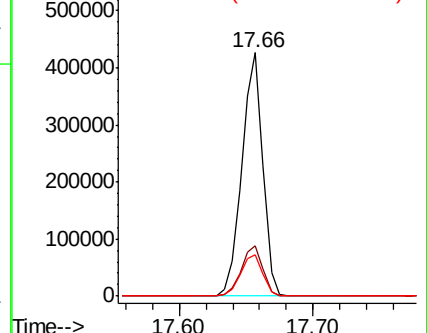
203 17.2 13.8 20.8

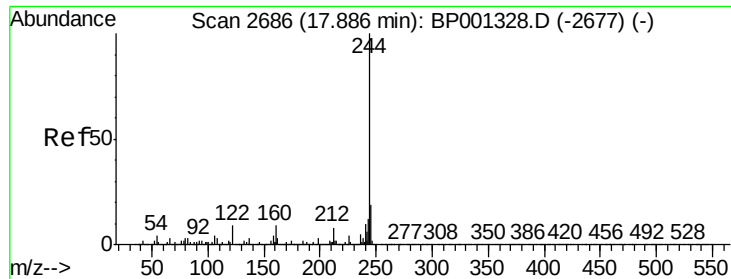


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.163 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

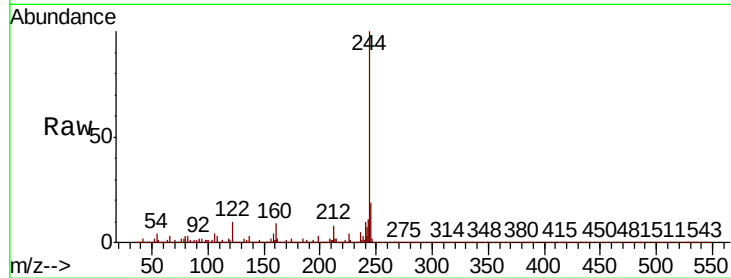
Tot Ion:244 Resp: 728895

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

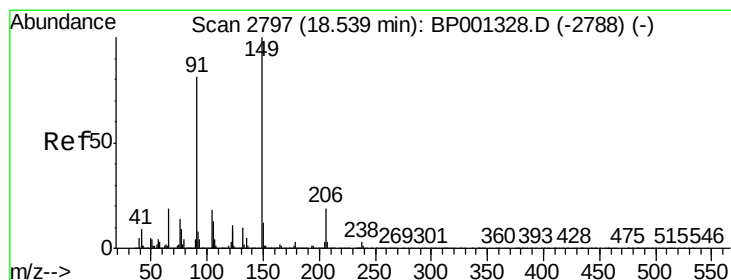
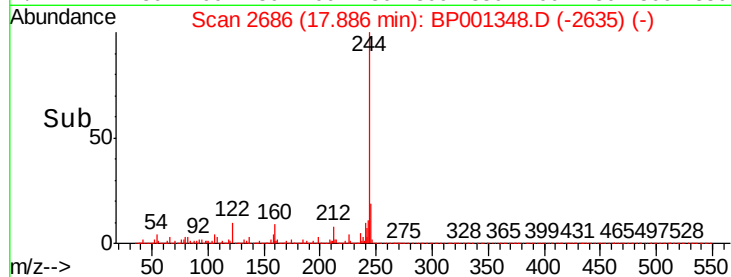
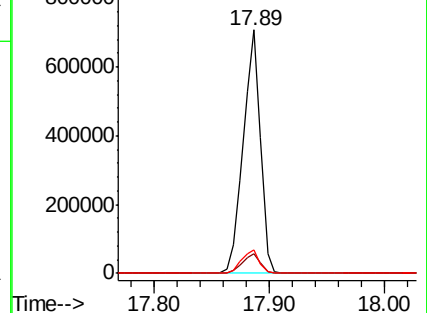
122 9.8 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.025 ng

RT: 18.54 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

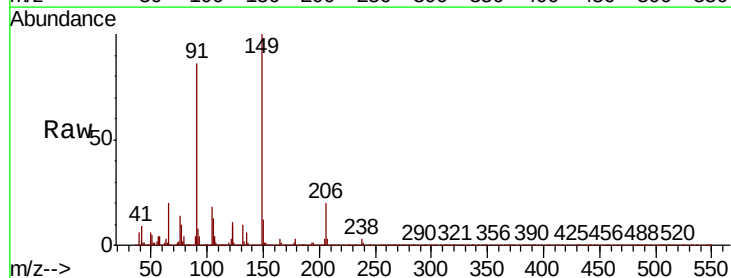
Tgt Ion:149 Resp: 198801

Ion Ratio Lower Upper

149 100

91 85.5 65.2 97.8

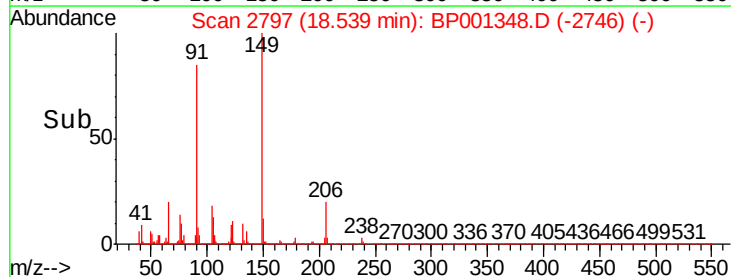
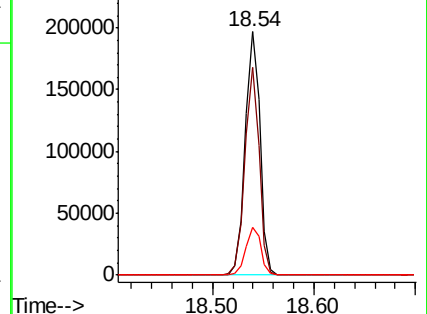
206 19.5 15.6 23.4

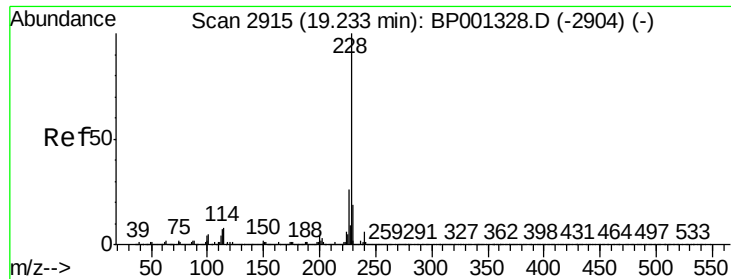


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.223 ng

RT: 19.23 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

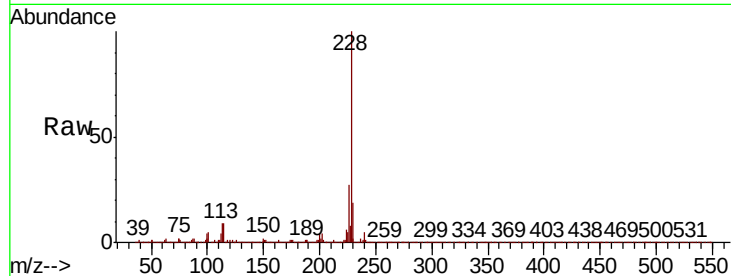
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 423953

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	19.1	15.4	23.0

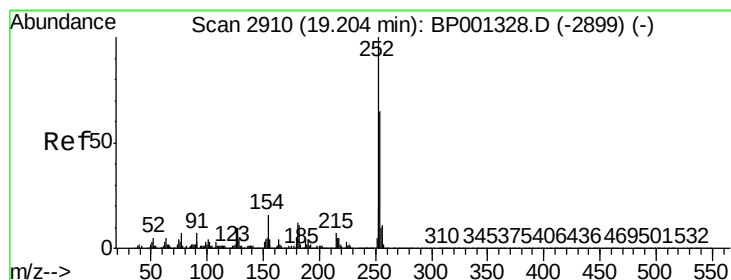
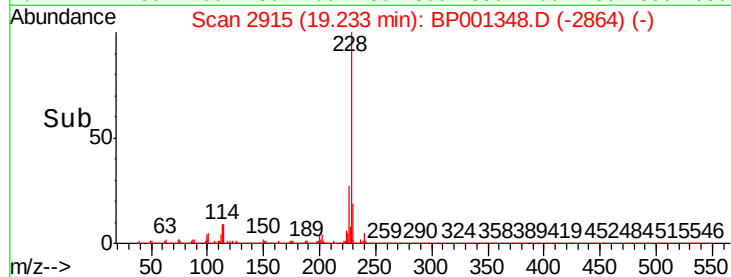
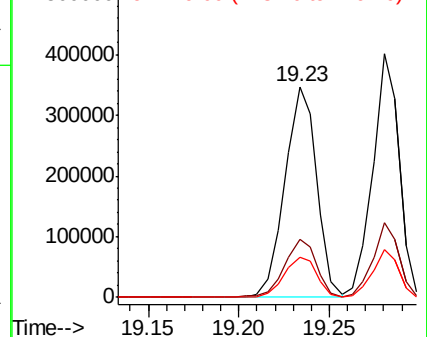


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.128 ng

RT: 19.20 min Scan# 2910

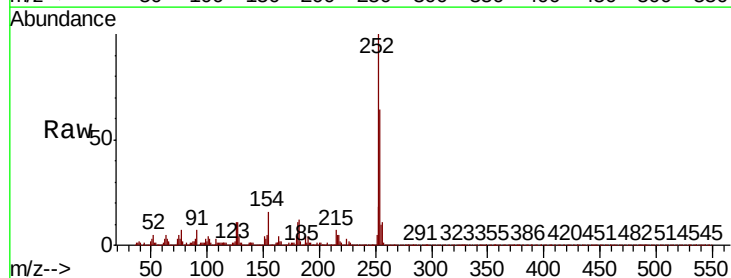
Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Tgt Ion:252 Resp: 86805

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.8
126	10.5	8.2	12.2

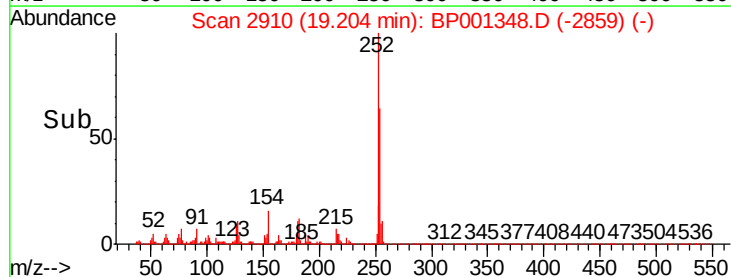
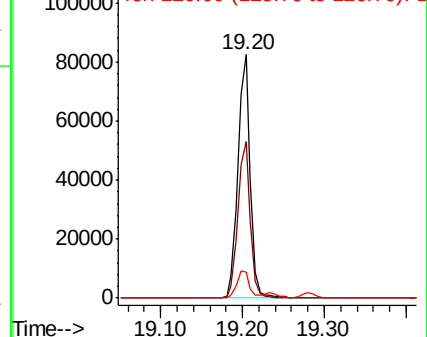


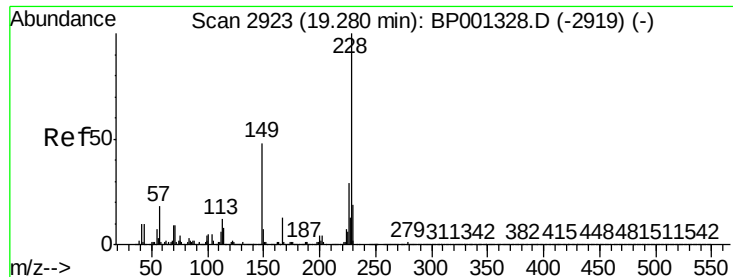
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.978 ng

RT: 19.28 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampled :

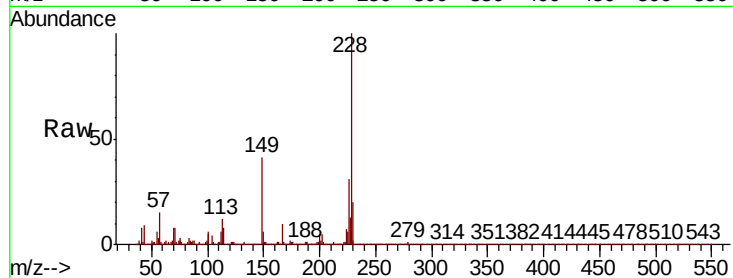
Tot Ion:228 Resp: 406654

Ion Ratio Lower Upper

228 100

226 30.5 23.1 34.7

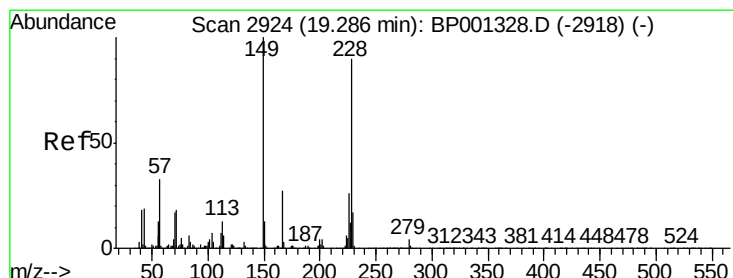
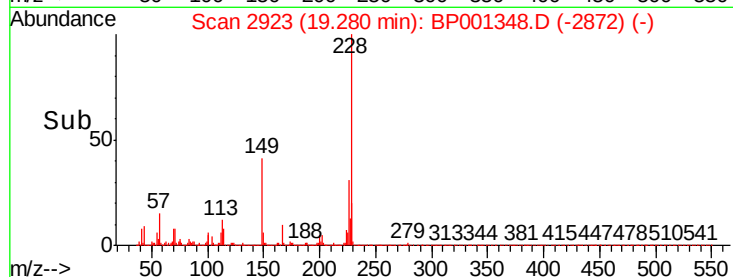
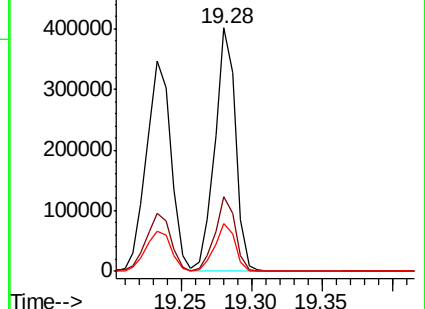
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.425 ng

RT: 19.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

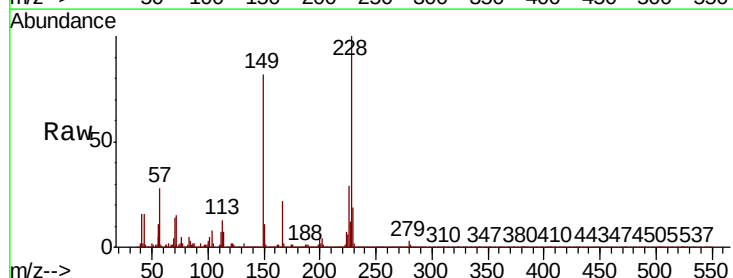
Tgt Ion:149 Resp: 279114

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

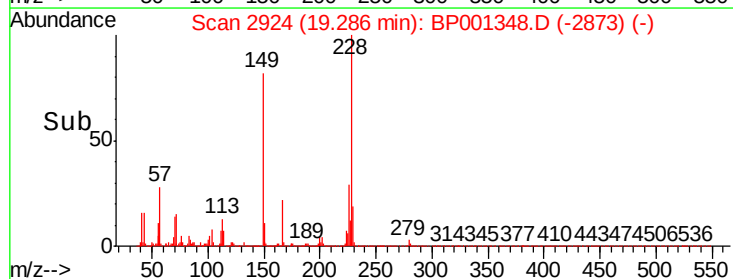
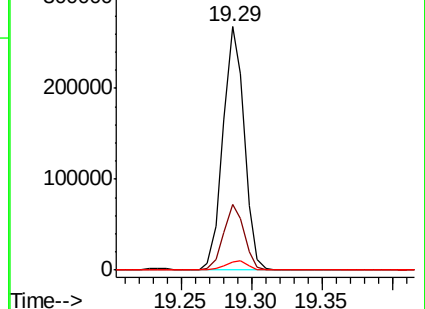
279 3.5 3.0 4.4

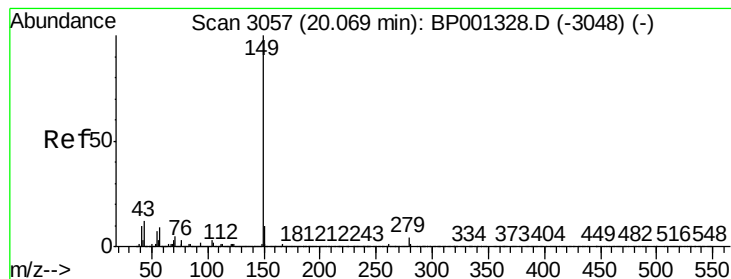


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.940 ng

RT: 20.07 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Instrument :

BNA_P

ClientSampleId :

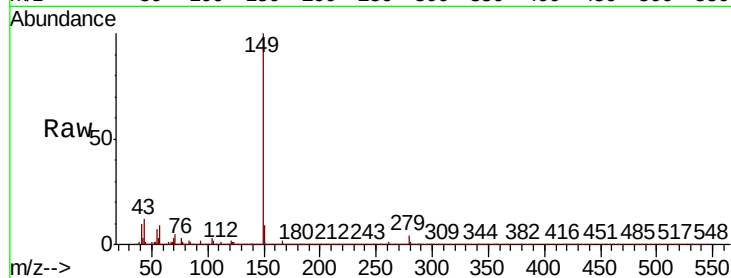
Tot Ion:149 Resp: 469338

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

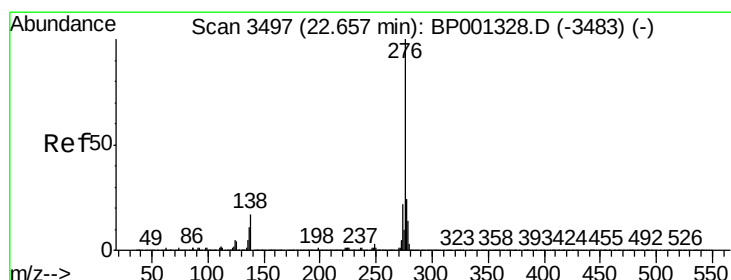
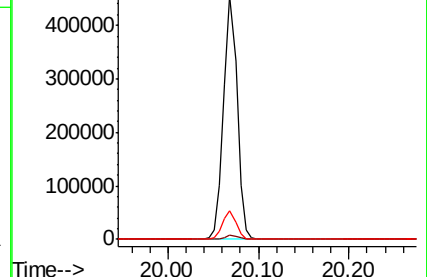
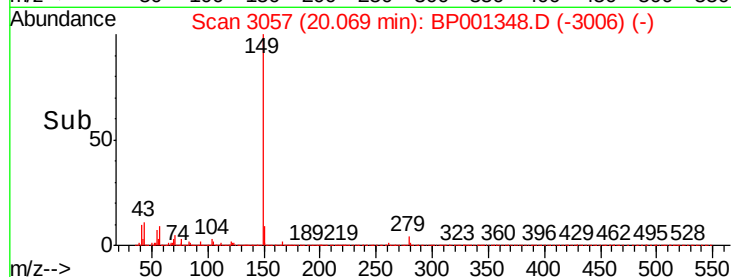
43 11.8 9.4 14.2



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: 38.446 ng

RT: 22.66 min Scan# 3497

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

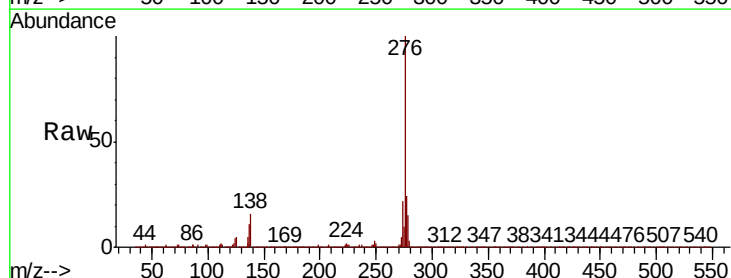
Tgt Ion:276 Resp: 433198

Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

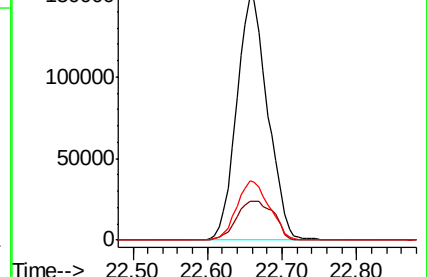
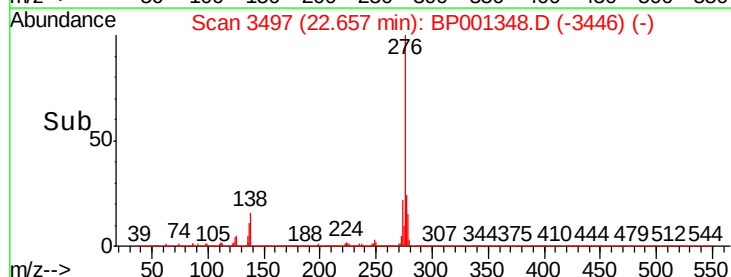
277 25.4 20.2 30.4

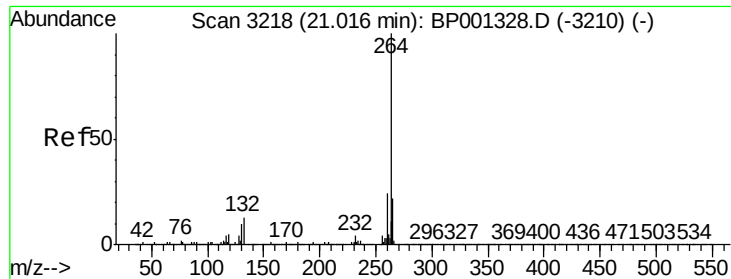


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

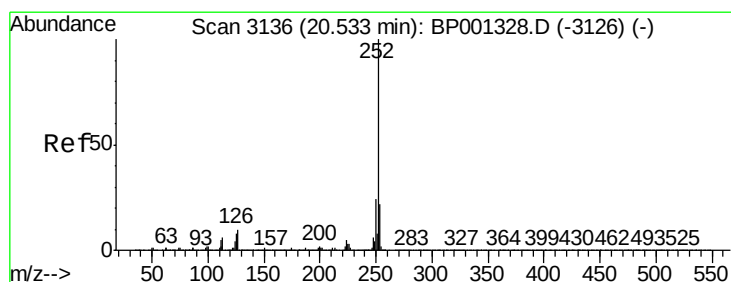
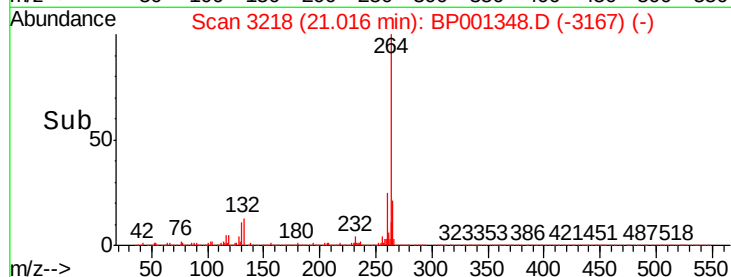
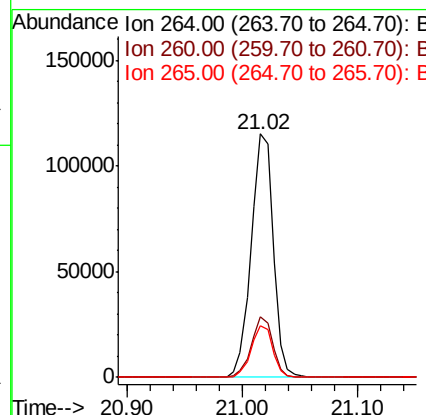
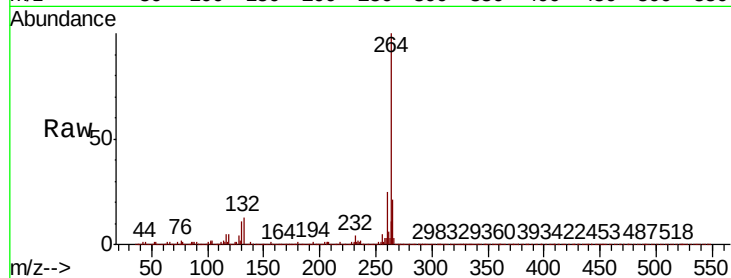




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

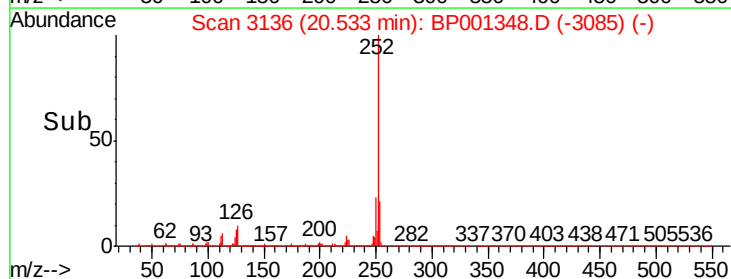
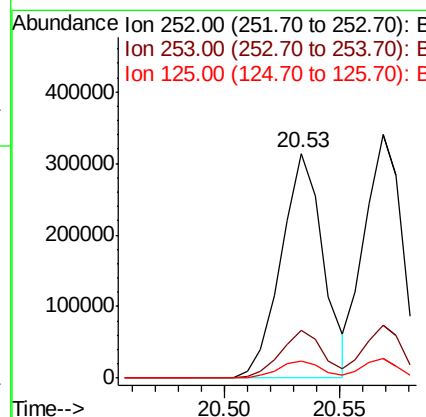
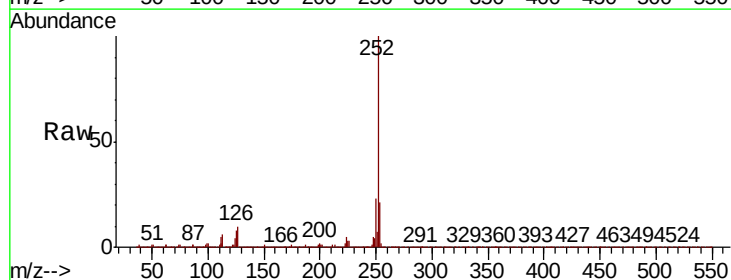
Instrument :
BNA_P
ClientSampleId :

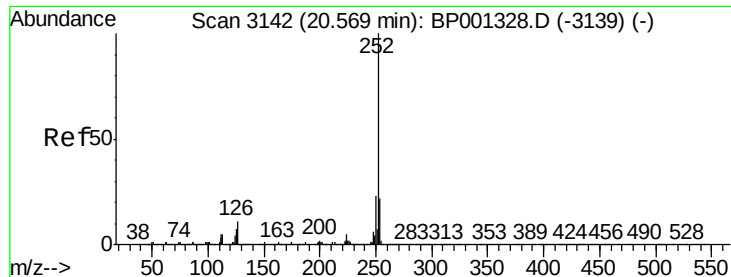
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.0	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 39.539 ng
RT: 20.53 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	7.7	6.3	9.5

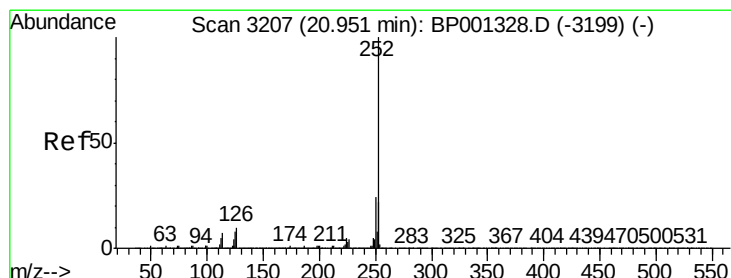
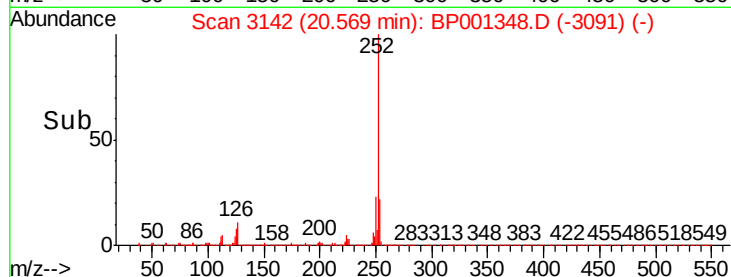
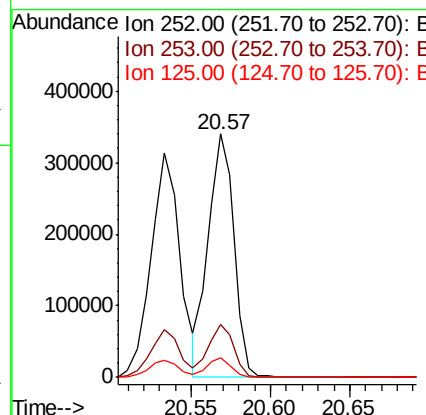
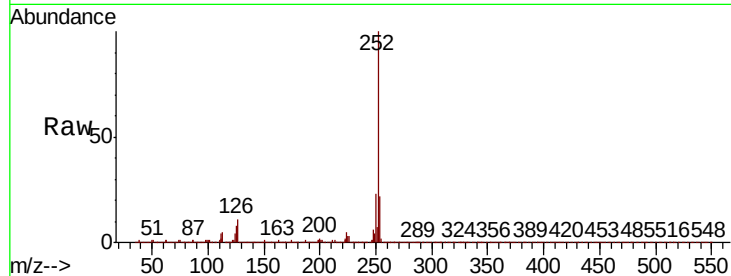




#89
Benzo(k)fluoranthene
Concen: 40.266 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

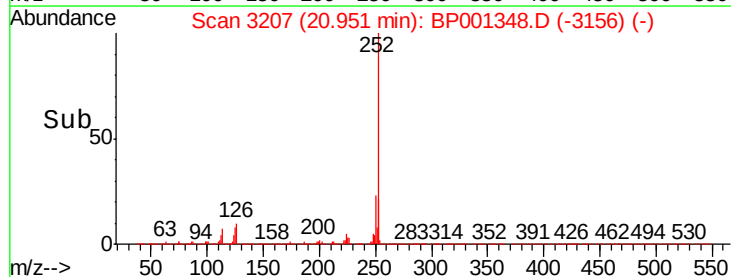
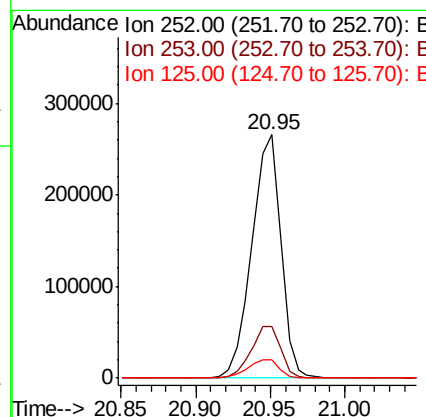
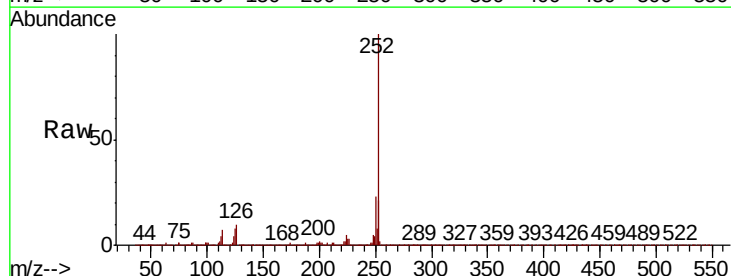
Instrument :
BNA_P
ClientSampleId :

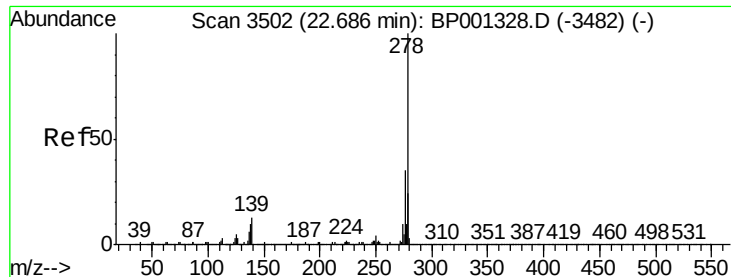
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	8.1	5.9	8.9



#90
Benzo(a)pyrene
Concen: 38.913 ng
RT: 20.95 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BP001348.D
Acq: 20 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	7.8	6.3	9.5





#91

Dibenzo(a,h)anthracene

Concen: 39.825 ng

RT: 22.69 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

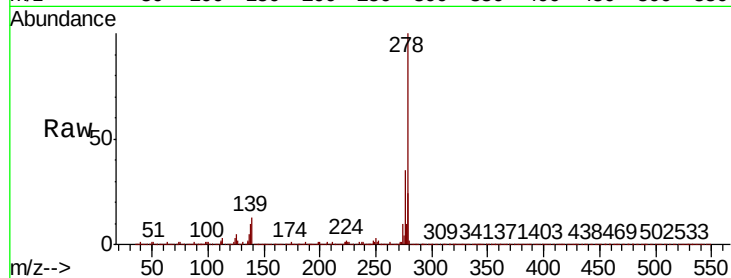
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 357259

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.3	15.5
279	23.5	19.6	29.4

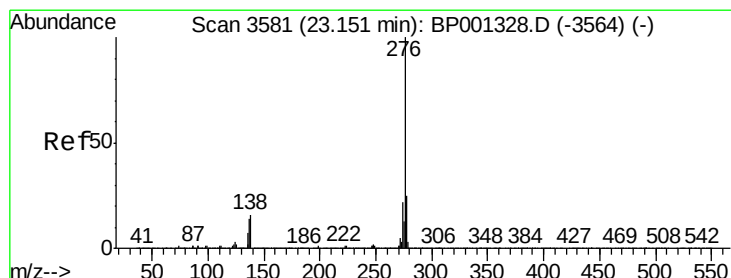
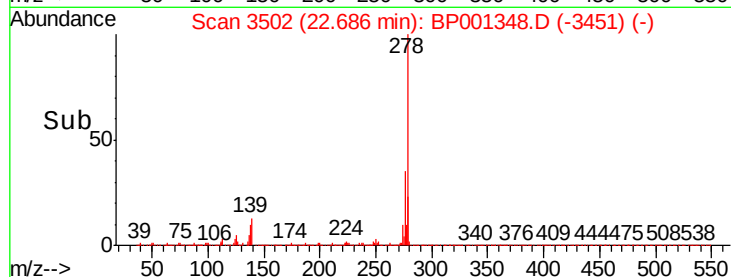
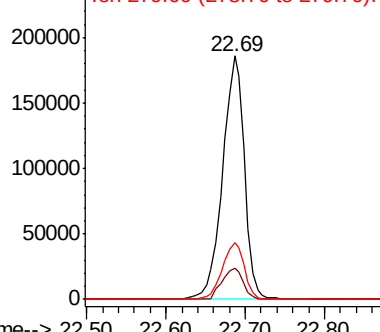


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.159 ng

RT: 23.15 min Scan# 3581

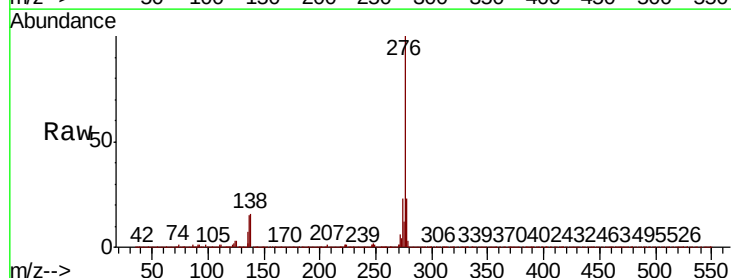
Delta R.T. 0.00 min

Lab File: BP001348.D

Acq: 20 Dec 2019 17:45

Tgt Ion:276 Resp: 352815

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	16.3	12.6	18.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

